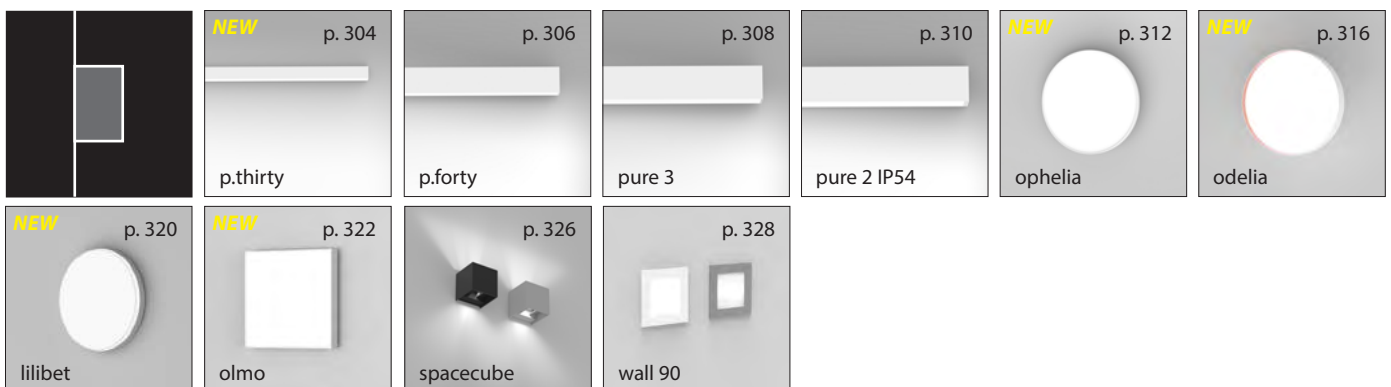
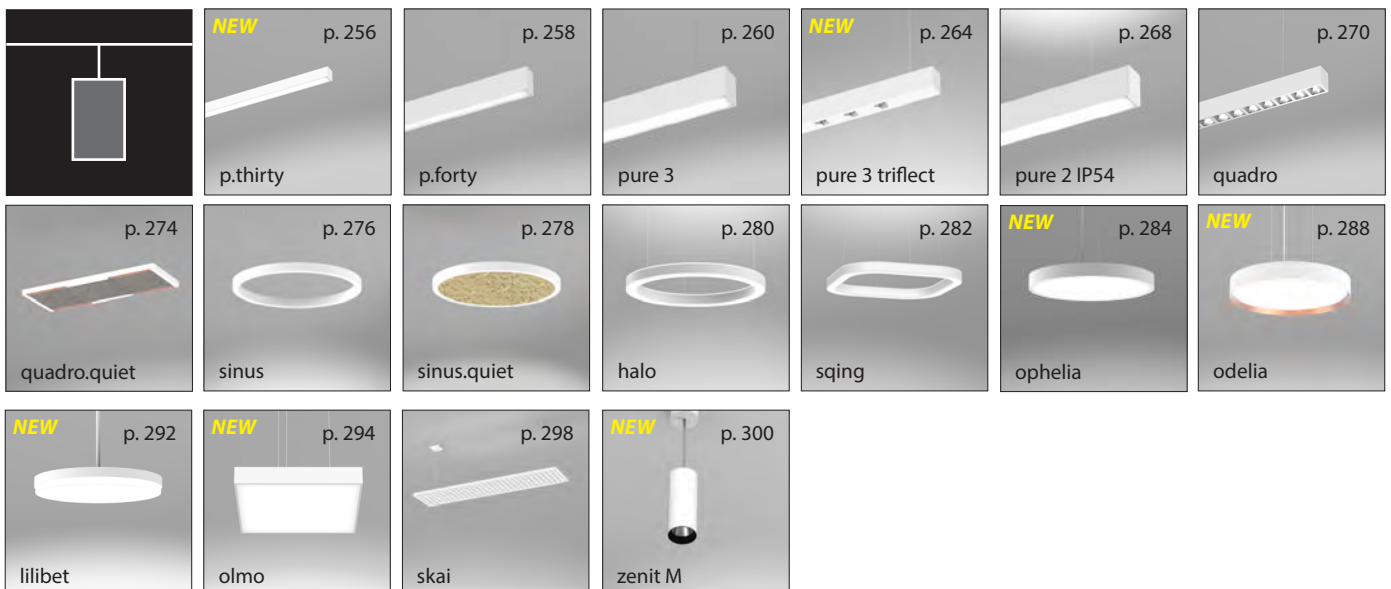
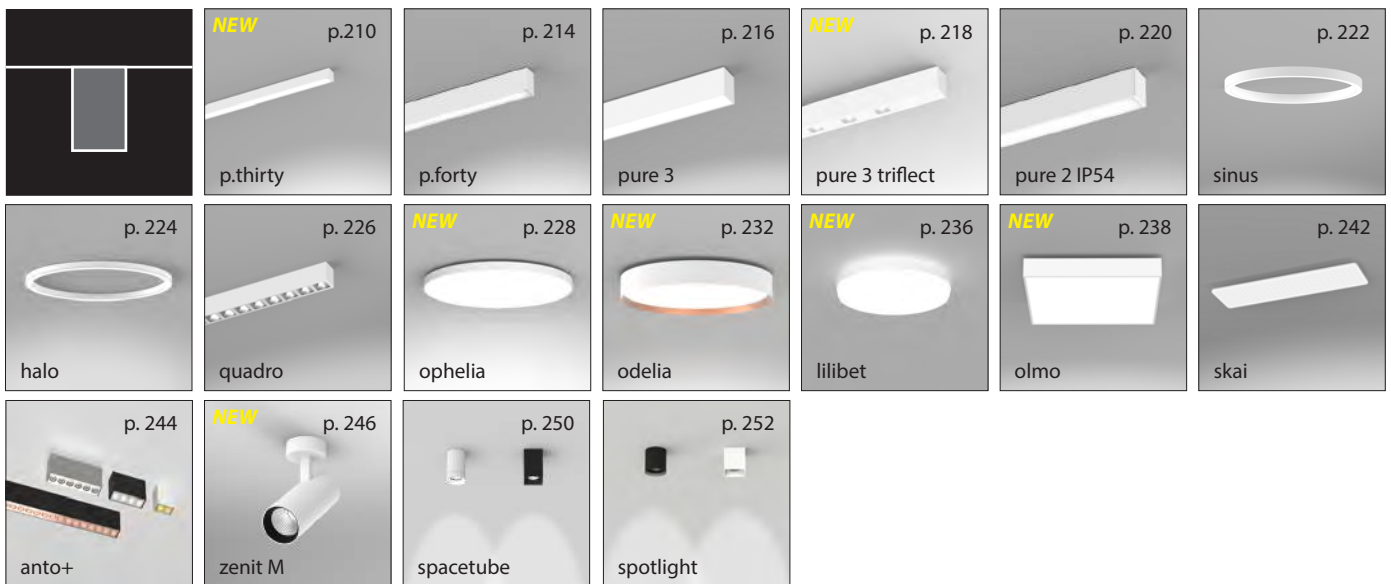


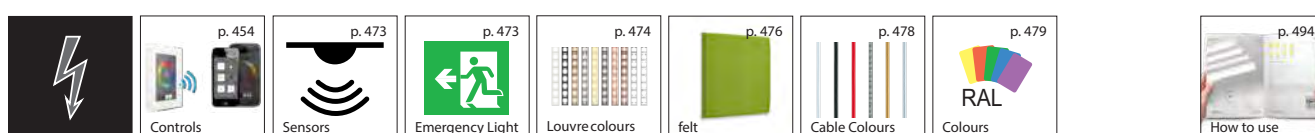
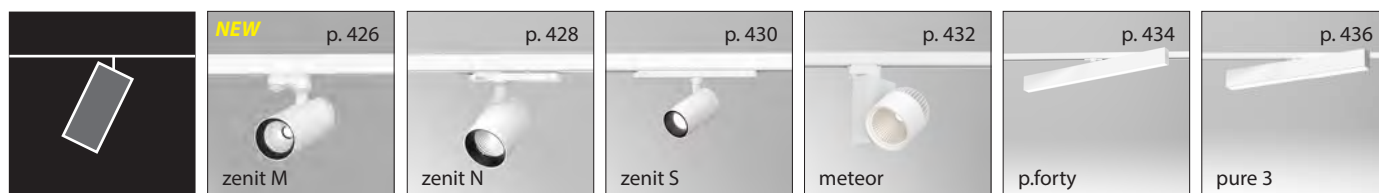
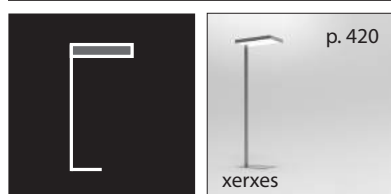
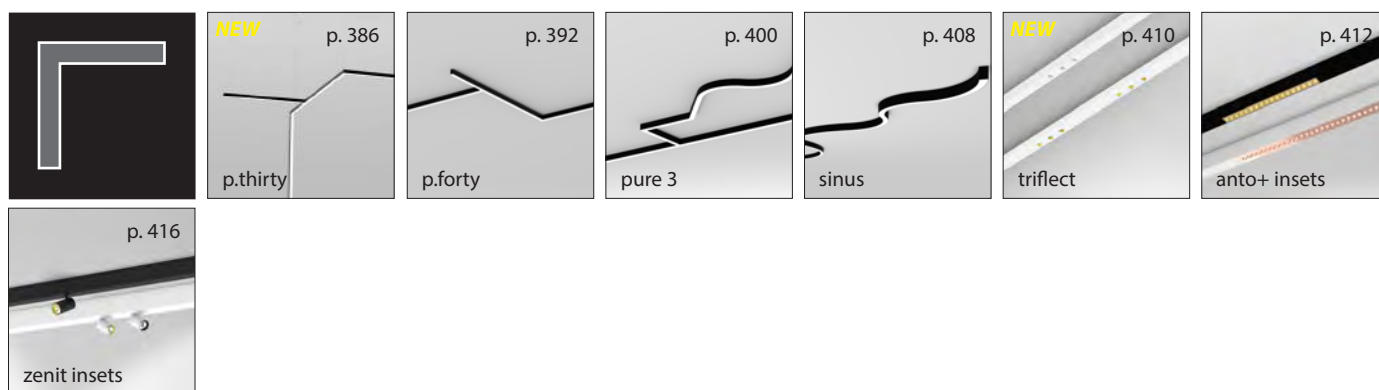
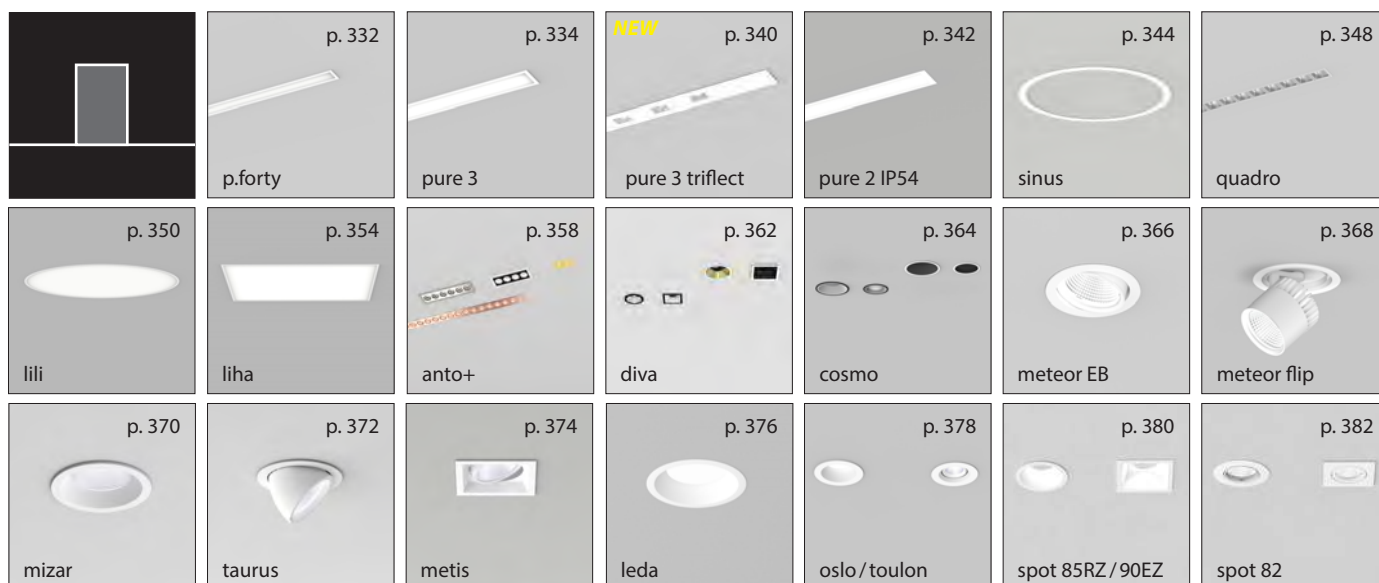


# DESIGN MEETS PERFORMANCE

CATALOGUE 2022/23









# ABOUT PLANLICHT

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1.1

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# ATMOSPHERE

## DE | Licht ist allgegenwärtig.

Ob zuhause oder im Büro – es verhilft den Menschen nicht nur zum Sehen, sondern steigert Wohlbefinden und Konzentration, schafft Atmosphäre und inszeniert die Architektur. Unser Licht ist Funktion und Emotion. Und noch so viel mehr...

## EN | Light is everywhere.

Whether at home or in the office – it not only helps people to see, but also improves their well-being and concentration, creates atmosphere and perfectly orchestrates the architecture. Our light is both function and emotion. And so much more besides...

**FR | La lumière est omniprésente.**

*Que ce soit à la maison ou au bureau, elle aide l'être humain non seulement à voir, mais accroît aussi le bien-être et la concentration, crée une ambiance particulière et met en scène l'architecture. Notre lumière est à la fois fonction et émotion. Et bien plus encore...*

**IT | La luce è ovunque.**

*A casa o in ufficio aiuta le persone, non solo a vedere, ma anche a incrementare il proprio benessere e la propria concentrazione, creando la giusta atmosfera e ponendo in risalto gli elementi architettonici dell'ambiente. La luce dei nostri dispositivi di illuminazione è funzionale senza rinunciare a emozionare. E tanto altro ancora...*



# VALUE PROPOSITION



**DE |** Was so alltäglich ist wie Licht, verbraucht Energie. Und ein hoher Energieverbrauch belastet die Umwelt. Deshalb haben wir bei PLANLICHT uns zum Ziel gesetzt, den Energieverbrauch von Beleuchtung um ein Vielfaches zu senken.

Entsprechend konsequent haben wir uns bereits 2010 für die ausschließliche Entwicklung von Leuchten mit LED-Technologie entschieden. Fortlaufend optimieren wir den Energieverbrauch unserer Produkte durch neueste LED-Technologie und Maximierung der Leuchtwirkung mit Hilfe spezieller Optiken.

Bei PLANLICHT geht unser Nachhaltigkeitsanspruch weit über die Reduktion des Energieverbrauchs hinaus: Leuchten von PLANLICHT überzeugen durch ihre besonders hohe Qualität und Produktlebensdauer. Für dieses Wertversprechen verbürgen wir uns mit unserer exklusiven Garantie 66. Selbst für den unwahrscheinlichen Fall, dass eine Leuchte kaputt geht, ist vorgesorgt, denn wir glauben felsenfest an das Recht auf Reparatur. Bei PLANLICHT wird jedes Produkt von Beginn an so konstruiert, dass es sich einfach reparieren lässt.

PLANLICHT achtet auch bei Themen wie Verpackung und Abfall auf die Umwelt. Wir verzichten über die gesamte Wertschöpfungskette weitgehend auf Kunststoffe in der Verpackung und setzen zunehmend Mehrwegverpackungen ein.

**EN |** *Even something as commonplace as light consumes energy. And high energy consumption pollutes the environment. That's why, at PLANLICHT, we have set ourselves the goal of reducing the energy consumed by lighting many times over.*

*Accordingly we decided, way back in 2010, to only develop luminaires with LED technology. We are continuously reducing the energy consumption of our products using the latest LED technology, and maximising their lighting effect with the help of special optics.*

*At PLANLICHT, our sustainability aspirations go well beyond reducing energy consumption: impressive features of PLANLICHT luminaires include their particularly high quality and long product lifespan. And we guarantee this value proposition with our exclusive Warranty 66. Even in the unlikely event that a luminaire malfunctions, we've got it covered – because we firmly believe in the right to repair. At PLANLICHT, every product is designed from the start in a way that makes it easy to repair.*

*PLANLICHT also looks after the environment in how it handles packaging and waste. We are largely dispensing with plastics in packaging across the entire value chain and are making increasing use of reusable packaging.*

*Our lighting can do so much more than illuminate rooms, create atmosphere and affect human mood.*



*Unser Licht kann noch viel mehr als Räume erhellen, Atmosphäre schaffen und die menschliche Stimmung beeinflussen.*

**Felicitas Kohler**  
CEO PLANLICHT

**DE |** Über die ökologischen und ökonomischen Aspekte der Nachhaltigkeit hinaus gilt PLANLICHT seit Jahren als Experte für Human Centric Lighting. Dieses ganzheitliche Beleuchtungskonzept stellt den Menschen mit seinen Bedürfnissen in den Mittelpunkt der Lichtgestaltung.

Während das optimale Licht frühmorgens auf den menschlichen Körper aktivierend wirkt, fördert es untertags bei der Arbeit die Konzentration und erzeugt abends eine entspannende Atmosphäre. Diese Wirkung schaffen die intelligenten Lichtlösungen von PLANLICHT, indem sie nicht nur die Lichtstärke, sondern auch die Farbtemperatur, an die jeweilige Situation anpassen.

PLANLICHT war einer der ersten Hersteller, der sein gesamtes Sortiment mit Human Centric Lighting Funktionen ausgestattet hat. Gerade in Büros, in denen lange Zeit gearbeitet wird, lässt sich durch den Einsatz der HCL-Technologie eine wissenschaftlich belegte Steigerung von Konzentration und Wohlbefinden erreichen.

Dieser konsequente Fokus auf die Bedürfnisse des Menschen endet bei PLANLICHT nicht mit der Beleuchtung an sich. Denn das Unternehmen fertigt in Vomp auch spezielle Akustikleuchten und Paneele. Die darin verbauten Dämm-Materialien aus der Natur – beispielsweise Heu und Schafwolle – filtern störende Umgebungsgerausche und verwandeln jedes Großraumbüro in einen lärmfreien Arbeitsplatz.

**EN |** *Beyond the environmental and economic aspects of sustainability, PLANLICHT has been an expert in Human Centric Lighting for years. This holistic illumination concept puts people and their needs at the centre of the lighting design.*

*While the ideal lighting has a stimulating effect on the human body early in the morning, it also aids concentration at work during the day and creates a relaxing atmosphere in the evening. The intelligent lighting solutions from PLANLICHT achieve this effect by adapting not only the luminous intensity but also the colour temperature, depending on the particular situation.*

*PLANLICHT was one of the first manufacturers to equip its entire range with Human Centric Lighting functions. Especially in offices, where people work for long periods of time, a scientifically proven increase in concentration and well-being can be achieved by using HCL technology.*

*At PLANLICHT, this consistent focus on human needs does not stop at the lighting itself. That's because the company also produces special acoustic luminaires and panels in Vomp. The natural insulation materials incorporated into these products – such as hay and sheep's wool – filter out disruptive, ambient noises and transform every open-plan office into a noise-free workplace.*



**HUMAN  
CENTRIC**



## PROPOSITION DE VALEUR

**FR |** Un phénomène aussi quotidien que la lumière consomme de l'énergie. Et une consommation d'énergie élevée nuit à l'environnement. Chez PLANLICHT, nous nous sommes donc fixé pour objectif de réduire nettement la consommation énergétique générée par l'éclairage.

Dès 2010, nous avons par conséquent décidé de nous consacrer exclusivement au développement de luminaires à technologie LED. Nous optimisons continuellement la consommation énergétique de nos produits grâce à la dernière technologie LED et à la maximisation de l'effet lumineux à l'aide d'optiques spéciales.

Chez PLANLICHT, notre exigence en matière de durabilité va bien au-delà de la réduction de la consommation énergétique : les luminaires de PLANLICHT séduisent par leur qualité particulièrement élevée et la durée de vie du produit. Nous tenons cette proposition de valeur grâce à notre garantie 66 exclusive. Même pour le cas improbable qu'un luminaire tombe en panne, nous avons tout prévu car nous croyons fermement au droit à la réparation. Chez PLANLICHT, chaque produit est immédiatement conçu de sorte à pouvoir être facilement réparé.

PLANLICHT porte également une grande attention aux répercussions que l'emballage et les déchets ont sur l'environnement. Nous renonçons dans une large mesure à utiliser des matières plastiques dans les emballages sur toute la chaîne de création de valeur et optons de plus en plus pour des emballages réutilisables.

## PROPOSTA DI VALORE

**IT |** *Una cosa che fa così parte del quotidiano, come la luce, consuma energia. Un consumo energetico elevato è fonte di inquinamento ambientale. Ecco perché noi di PLANLICHT ci siamo posti l'obiettivo di abbattere significativamente il consumo energetico dei dispositivi di illuminazione.*

*Fedeli a tale intenzione, già nel 2010 abbiamo scelto di concentrare i nostri sforzi nell'esclusivo sviluppo di lampade con tecnologia LED. Anche oggi continuiamo a ottimizzare il consumo energetico dei nostri prodotti grazie all'impiego della tecnologia LED di ultima generazione e al massimo potenziamento della resa luminosa con l'aiuto di speciali sistemi ottici.*

*PLANLICHT è fautrice di una politica di sostenibilità che si spinge ben oltre l'abbattimento del consumo energetico: le nostre lampade si distinguono infatti per la loro qualità di eccellenza e per la loro durata. Garantiamo questa proposta di valore con la nostra esclusiva Garanzia 66. Vi abbiamo incluso anche l'improbabile caso della rottura di una lampada, in quanto crediamo fermamente nel diritto alla riparazione. PLANLICHT realizza ogni prodotto, fin dall'inizio, in maniera che sia agevole da riparare.*

*PLANLICHT pone anche grande attenzione all'ambiente quando si tratta di argomenti come l'imballaggio e i rifiuti. Nella nostra intera catena di valore, abbiamo infatti deciso di rinunciare in maniera massiccia all'impiego di plastiche negli imballaggi e di impegnarci sempre più nell'utilizzo di confezioni riutilizzabili.*

*„Notre lumière peut bien plus qu'éclairer les pièces, créer une ambiance particulière et influencer l'humeur.“*

## ÉCLAIRAGE

### CENTRÉ SUR L'HUMAIN

**FR** | Au-delà des aspects écologiques et économiques de la durabilité, PLANLICHT est considéré depuis des années comme un expert en matière d'éclairage biodynamique (Human Centric Lighting). Ce concept d'éclairage global met l'être humain et ses besoins au centre de la conception de l'éclairage.

Alors que la lumière optimale stimule le corps humain tôt le matin, il promeut la concentration pendant le travail au cours de la journée et crée une atmosphère relaxante le soir. Cet effet est créé par les solutions d'éclairage intelligentes de PLANLICHT qui, pour cela, n'adaptent pas seulement l'intensité lumineuse, mais aussi la température de couleur, en fonction de la situation.

PLANLICHT a été l'un des premiers fabricants à équiper l'ensemble de son assortiment de fonctions d'éclairage biodynamique. Notamment dans les bureaux où l'on travaille pendant de nombreuses heures, l'utilisation de cette technologie d'éclairage biodynamique permet une augmentation de la concentration et du bien-être qui est scientifiquement prouvée.

Chez PLANLICHT, cette concentration sur les besoins de l'être humain ne s'arrête pas à l'éclairage en soi. En effet, notre entreprise fabrique à Vomp des luminaires acoustiques et des panneaux spéciaux. Les matériaux d'isolation naturels, tels que le foin et la laine de mouton, qui y sont intégrés, filtrent les bruits environnants gênants et transforment chaque bureau collectif en un lieu de travail silencieux.

*„I nostri dispositivi di illuminazione possono fare molto di più che rischiarare gli ambienti, creare atmosfera e influenzare lo stato d'animo delle persone.“*

## ILLUMINAZIONE

### INCENTRATA SULL'UOMO

**IT** | PLANLICHT è sinonimo di attenzione agli aspetti economici ed ecologici della sostenibilità, ma da anni anche di grande competenza nel concetto di Human Centric Lighting. Si tratta di una concezione globale di illuminazione, in cui il fulcro della progettazione illuminotecnica è costituito dall'individuo e dai suoi bisogni.

Se di prima mattina una luce ben studiata sa come stimolare il nostro organismo, durante il giorno, è necessario che essa promuova la concentrazione mentre lavoriamo e provveda invece di sera a creare un'atmosfera rilassante. Le soluzioni di illuminazione intelligenti di PLANLICHT raggiungono tale obiettivo adattando a ogni situazione, non solo l'intensità luminosa, ma anche la temperatura della vernice.

PLANLICHT è stato infatti uno dei primi produttori a dotare il proprio intero assortimento di funzioni Human Centric Lighting. Soprattutto negli uffici, ovvero in ambienti in cui si passa molto tempo al lavoro, l'incremento della concentrazione e del benessere a seguito dell'impiego della tecnologia HCL è un fatto scientificamente dimostrato.

La conseguente attenzione mirata ai bisogni dell'individuo non si estingue per PLANLICHT nell'illuminazione in sé. Presso la sede di Vomp, l'azienda realizza infatti anche speciali lampade con sistemi fonoassorbenti e pannelli. I materiali isolanti naturali integrati, come fieno e lana di pecora, filtrano rumori ambientali fastidiosi, trasformando anche gli uffici open space in un ambiente di lavoro silenzioso.



# A 35-YEAR SUCCESS STORY



## A SUCCESS STORY

1986 | Company founded by Johann Findl

1989 | Construction of company building

2011 | Reconstruction and renovation

2013 | Handover of management to Felicitas Kohler

## UNE HISTOIRE À SUCCÈS

1986 | Fondation de la société par Johann Findl

1989 | Construction du bâtiment de la société

2011 | Transformation et nouvelle construction

2013 | Remise de la direction à Felicitas Kohler

## UNA STORIA DI SUCCESSO

1986 | Fondazione dell'azienda da parte di Johann Findl

1989 | Costruzione della sede

2011 | Ristrutturazione e ricostruzione

2013 | Delega della direzione a Felicitas Kohler

# A NEW ERA



CARE BY LIGHT - ermöglicht die effektive Desinfektion rückstandslos, ganz ohne Chemikalien



Beteiligung an ALMUT VON WILDHEIM



PLANFACTORY - Mit unserem neuen Fertigungsstandort verwirklichen wir die Vision einer CO2-neutralen Produktion.

## A NEW ERA

2020 | CARE BY LIGHT - allows for effective disinfection without chemicals and residues.

2021 | Acquisition of stake in ALMUT VON WILDHEIM

2022 | PLANFACTORY - With our new production site, we are realising our vision of CO2-neutral production.

## UNE NOUVELLE ÈRE

2020 | CARE BY LIGHT - permet une désinfection efficace sans résidus, sans produits chimiques

2021 | Reprise d'Almut von Wildheim

2022 | PLANFACTORY - Avec notre nouveau site de production, nous réalisons notre vision d'une production neutre en CO2.

## UNA NUOVA ERA

2020 | CARE BY LIGHT - un sistema che consente una disinfezione efficace e priva di residui senza l'impiego di agenti chimici

2021 | Acquisizione di Almut von Wildheim

2022 | PLANFACTORY - Nel nuovo stabilimento produttivo realizziamo la nostra visione di una produzione a zero emissioni di CO2.



# DESIGN MEETS



# PERFORMANCE



**PLANFACTORY**  
PART OF PLANLICHTGROUP

**ALMUL**

VON WILDHEIM

organic lamps

### Die drei Säulen unseres verantwortungsvollen Handelns bei PLANLICHT...

#### UMWELT

1

Prinzip unserer Entwicklung und Optimierung: Höchster Licht-Output bei geringstmöglichem Stromverbrauch. Wo es uns möglich ist, beziehen wir unser Rohmaterial aus der Nähe und vermeiden somit unnötige Transportwege.

Wir verzichten auf den unnötigen Einsatz von Kunststoffen und setzen wo möglich auf Mehrfachverwendung. Unsere Produkte sind frei von gefährlichen Stoffen und erfüllen alle Anforderungen der RoHS und REACH Richtlinien. Unsere Leuchten werden so konstruiert, dass sie repariert und einzelne Komponenten wiederverwertet werden können.

#### MENSCH

2

Der hoch optimierte Sehkomfort unserer Leuchten sorgt für blendfreies Sehen und eine natürliche Farbwiedergabe. Ob Konzentration oder Entspannung - unser Prinzip des Human Centric Lightings fördert aktiv in jeder Situation die Stimmung.

Unsere Produkte sind so individuell wie unsere Kunden. Sie geben ihnen kreative Freiheit bei der architektonischen Gestaltung. Wahlweise lassen sich unsere Leuchten klassisch per Schalter, Touch-Panel, Smartphone oder intelligenten Sensoren steuern. Als Familienunternehmen und ausgezeichnete Lehrbetrieb leben wir die gegenseitige Wertschätzung und Unterstützung.

#### WIRTSCHAFTLICHKEIT

3

Die maximale Energie-Effizienz unserer Produkte spiegelt sich in geringerer Stromrechnung und CO<sub>2</sub>-Abdruck unserer Kunden. Unsere Leuchten überzeugen durch Langlebigkeit, die wir selbstverständlich auch in unseren Verkaufsunterlagen anführen.

Die optimale Konstruktion unserer Produkte macht sie in der Regel wartungsfrei und im Falle einer Beschädigung reparierbar. Für die herausragende Qualität unserer Leuchten garantieren wir mit einer exklusiven, 66-monatigen Garantie. Besseres Licht in den Arbeitsbereichen unterstützt erwiesenermaßen die Arbeitenden bei der Konzentration und Produktivität.

## ENVIRONMENT

1

The main principle of our development and optimisation is to achieve the highest light output with the lowest possible power consumption. Wherever we can, we use locally sourced raw materials and so avoid unnecessary transport routes.

We avoid the unnecessary use of plastics and source reusable materials where possible. Our products are free from hazardous substances and meet all requirements of the RoHS directive and the REACH regulation. Our luminaires are designed so that they can be repaired and individual components can be recycled.

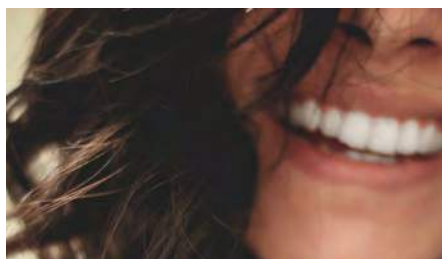


## HUMAN

2

The highly optimised, visual comfort of our luminaires makes for glare-free vision and natural colour rendering. Whether you're concentrating or relaxing – our Human Centric Lighting principle actively supports the mood in every situation.

Our products are as individual as our customers and provide creative freedom when it comes to architectural design. Our luminaires can be controlled in the traditional way with switches, as well as touch panels, smartphones or intelligent sensors. As a family business and an award-winning apprenticeship training company, we live by our values of mutual appreciation and support.



## ECONOMY

3

The maximum energy efficiency of our products is reflected in our customers' lower electricity bills and CO2 footprint. Durability is an impressive feature of our luminaires, and this is of course something we also mention in our sales documents.

The superior construction of our products makes them generally maintenance-free and repairable if they are damaged. We guarantee the outstanding quality of our luminaires with an exclusive, 66-month warranty. It's a proven fact that better light in workplaces helps employees to concentrate and be more productive.



## ENVIRONNEMENT

1

Le principe de notre développement et optimisation : puissance d'éclairage maximale et consommation électrique aussi faible que possible. Dans la mesure du possible, nous nous procurons nos matières premières dans les environs et évitons ainsi des trajets de transport inutiles.

Nous renonçons à l'utilisation inutile de matières plastiques et recourons si possible à l'usage multiple. Nos produits sont exempts de matières dangereuses et remplissent toutes les exigences de la directive RoHS et du règlement REACH. Nos luminaires sont conçus de sorte à permettre leur réparation et le recyclage de certains composants.

## HUMAIN

2

Le confort visuel hautement optimisé de nos luminaires garantit une vision sans éblouissement et un rendu naturel des couleurs. Concentration ou détente : notre principe de l'éclairage biodynamique promeut activement l'humeur dans chaque situation.

Nos produits sont aussi individuels que nos clients. Ils leur confèrent une liberté créative lors de la conception architecturale. Nos luminaires peuvent être commandés au choix de manière classique par interrupteur, panneau tactile, smartphone ou capteurs intelligents. En tant qu'entreprise familiale et entreprise d'apprentissage primée, nous vivons le respect et le soutien mutuels.

## ÉCONOMIE

3

L'efficacité énergétique maximale de nos produits se reflète dans la faible facture d'électricité et la faible empreinte carbone de nos clients. Nos luminaires séduisent par la durabilité dont nous faisons bien entendu aussi mention dans notre documentation de vente.

Grâce à leur conception optimale, nos produits ne requièrent généralement aucun entretien et peuvent être réparés en cas d'endommagement. Nous assurons l'excellente qualité de nos luminaires par la garantie exclusive de 66 mois. Il est prouvé qu'un meilleur éclairage dans les espaces de travail favorise la concentration et la productivité des personnes qui travaillent.

## AMBIENTE

1

Il principio alla base del nostro sviluppo e ottimizzazione: massima resa luminosa con il consumo energetico più ridotto possibile. Cerchiamo infatti di acquistare le materie prime per i nostri prodotti ove attuabile nei dintorni, per evitare inutili tragitti di trasporto.

Rinunciamo all'impiego di materie plastiche non essenziali e ci adoperiamo, ove fattibile, per un ricorso a materiali riutilizzabili. I nostri prodotti sono privi di sostanze pericolose e adempiono a tutti i requisiti della direttiva RoHS e del regolamento REACH. La produzione dei nostri dispositivi di illuminazione avviene in modo che essi siano riparabili e che i singoli componenti risultino riutilizzabili.

## UMANO

2

Il comfort visivo altamente ottimizzato delle nostre lampade è sinonimo di una visione senza abbagliamento e di una resa cromatica naturale. Che si desideri promuovere la concentrazione o conseguire un ambiente rilassante, il nostro principio di Human Centric Lighting crea la giusta atmosfera in ogni situazione.

I nostri prodotti sono individuali come i nostri clienti. Essi consentono di esprimere in piena libertà la propria creatività nella progettazione architettonica. Le nostre lampade possono essere comandate nella maniera più classica grazie a interruttori ma anche, se lo si preferisce, con pannelli touch, via smartphone o tramite sensori intelligenti. Come impresa familiare e azienda formatrice premiata, siamo guidati da uno spirito di valorizzazione e supporto reciproci.

## ECONOMIA

3

La massima efficienza energetica dei nostri prodotti si traduce in costi energetici ridotti e in un'esigua impronta di CO2 per i nostri clienti. I nostri dispositivi di illuminazione si distinguono per la loro durata, che siamo naturalmente lieti di riportare nella documentazione di vendita.

La loro realizzazione ottimale ne rende solitamente superflua la manutenzione e ne assicura la possibilità di riparazione in caso di danneggiamento. La straordinaria qualità delle nostre lampade è oggetto della nostra formula esclusiva di garanzia di 66 mesi. È dimostrato che un'illuminazione migliore degli ambienti di lavoro supporta la concentrazione e la produttività degli operatori.

# BENEFITS

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Vorteile

*Benefits*

*Avantages*

*Benefici*

1.2

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# SIZE ME

**DE** | Gut in Form: Das Leuchtensortiment bei PLANLICHT könnte nicht vielseitiger sein! Vom minimalistischen Downlight über verschiedenste Flächenleuchten bis hin zum multifunktionalen Profilsystem bieten wir unseren Kunden maximale Freiheit bei der Gestaltung. Und sollten Sie dennoch nicht die richtige Form und Größe für Ihr Projekt finden, dann sprechen Sie uns an! PLANLICHT versteht sich als Lösungsanbieter. Und als solcher gehen wir auch die Extra-Meile.

# ETS SHAPE



**EN** | In good shape: the range of luminaires at PLANLICHT couldn't be more versatile! From minimalist downlights to a wide variety of surface luminaires and multifunctional profile systems, we offer our customers maximum freedom in design. And if you still can't find the right shape and size for your project, just talk to us! PLANLICHT sees itself as a solution provider. And, as such, we also go the extra mile.

**FR** | Bien en forme : l'assortiment de luminaires de PLANLICHT ne pourrait être plus varié ! Du downlight minimaliste au système de profilé multifonctionnel en passant par des luminaires de surface les plus divers, nous offrons à nos clients une liberté d'aménagement maximale. Et si vous ne trouvez pas la forme et la taille adéquates pour votre projet, contactez-nous! PLANLICHT se considère comme un prestataire de solutions. Et en tant que tel, nous n'hésitons pas à en faire plus.

**IT** | A ognuno la sua forma: l'assortimento di dispositivi di illuminazione PLANLICHT non potrebbe essere più multiforme! Dai downlight con design minimalista ai sistemi di profili multifunzione, passando per le lampade piane più diverse, offriamo ai nostri clienti la massima libertà di progettazione. Se comunque non riuscisse a trovare la lampada con la forma e le dimensioni più adatte al Suo progetto, ne parli con noi! PLANLICHT è sinonimo di soluzioni sempre perfette. Non per niente siamo sempre disposti a fare qualcosa in più per trovarle.



# LIGHTING MEETS RAL

**DE** | Bei PLANLICHT helfen wir mit, Architektur-Träume zu verwirklichen. Deshalb wird Farbkompetenz in unserem Haus seit Jahren groß geschrieben. Über unsere angeführten Standardfarben hinaus sind nahezu alle unsere Produkte in den RAL-Farben (Seite 479) erhältlich. Darüber hinaus fertigen wir Ihre Leuchten auch nach Ihren ganz individuellen Farbwünschen.



**EN** | At PLANLICHT, we help to make architectural dreams come true. That's why colour expertise has been a top priority in our company for years. In addition to our listed standard colours, almost all our products are available in RAL colours (p. 479). In addition, we can also manufacture your luminaires according to your very own individual colour requirements.

**FR** | Chez PLANLICHT, nous vous aidons à réaliser vos rêves architecturaux. C'est pourquoi, notre entreprise attache depuis des années une grande importance à la compétence en matière de couleurs. Tous nos produits sont non seulement disponibles dans nos couleurs standard mentionnées, mais sont aussi presque tous proposés dans les couleurs RAL (p. 479). De plus, nous fabriquons vos luminaires dans la couleur que vous souhaitez.

**IT** | PLANLICHT sa come supportarla a realizzare il Suo sogno architettonico. Da anni infatti la nostra azienda pone estrema attenzione alle competenze in fatto di selezione dei colori. Oltre ai colori standard elencati, quasi tutti i nostri prodotti sono disponibili anche nei colori RAL (p. 479). Senza contare che possiamo realizzare i nostri dispositivi di illuminazione anche in colori personalizzati.

# COLOUR MEETS CABLES



**DE** | Die Liebe zum Detail kennt bei PLANLICHT keine Grenzen. Deshalb endet für uns Individualisierung nicht bei unterschiedlichen Formen, Größen und Gehäusefarben. Unsere optionalen Textilkabel (Seite 478) sind in unterschiedlichsten Farben erhältlich und machen die Leuchte zu einem echten Hingucker.

**EN** | At PLANLICHT, attention to detail knows no boundaries. That's why, for us, customisation does not end with different shapes, sizes and housing colours. Our optional textile cables are available in a wide variety of colours and turn the luminaire into a really eye-catching piece (p. 478).

**FR** | Chez PLANLICHT, l'amour du détail ne connaît aucune limite. C'est pourquoi la personnalisation ne s'arrête pas pour nous aux différentes formes, tailles et couleurs de corps. Nos câbles à gaine textile proposés en option sont disponibles dans les couleurs les plus diverses et font des luminaires un véritable accroche-regard (p. 478).

**IT** | La cura del dettaglio non conosce limiti presso PLANLICHT. Ecco perché per noi personalizzazione non significa soltanto forme, dimensioni e colori dell'alloggiamento diversi. I nostri cavi in tessuto sono disponibili in opzione nelle tonalità più svariate e fanno di ogni dispositivo di illuminazione un vero catalizzatore di sguardi (p. 478).





# LIGHT DESIGN MEETS JEWELLERY

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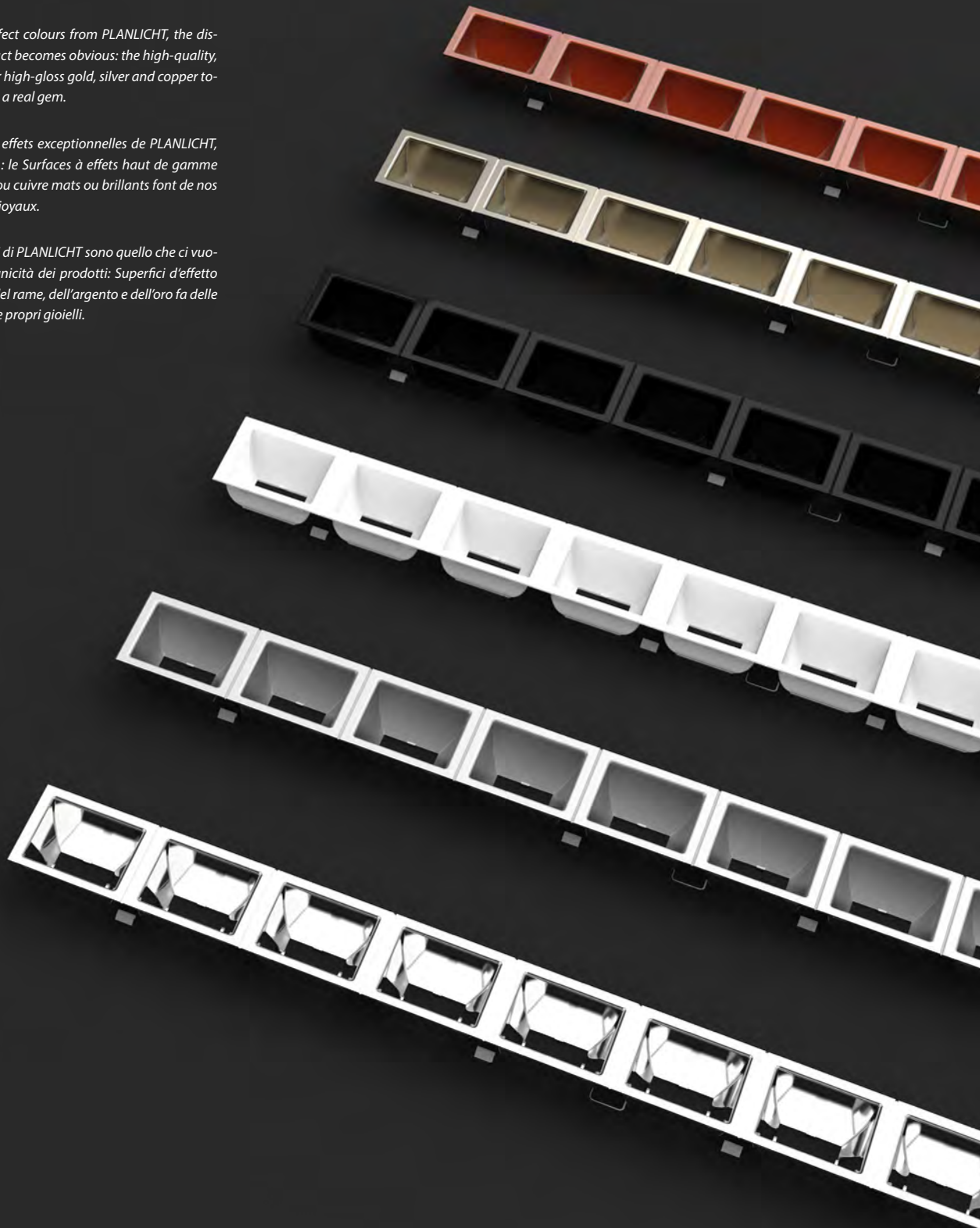


**DE** | Mit den einzigartigen Effektfarben von PLANLICHT wird die Besonderheit offensichtlich: Die hochwertigen Effekt-Oberflächen in matten oder hochglänzenden Gold-, Silber und Kupfer-Tönen machen unsere Leuchten zu einem richtigen Schmuckstück.

**EN** | With the unique effect colours from PLANLICHT, the distinctiveness of the product becomes obvious: the high-quality, Effect surfaces in matt or high-gloss gold, silver and copper tones makes our luminaire a real gem.

**FR** | Avec les couleurs à effets exceptionnelles de PLANLICHT, l'originalité est évidente : les Surfaces à effets haut de gamme dans les tons or, argent ou cuivre mats ou brillants font de nos luminaires de véritables bijoux.

**IT** | I colori a effetto unici di PLANLICHT sono quello che ci vuole per porre in risalto l'unicità dei prodotti: Superfici d'effetto opaco o lucido nei toni del rame, dell'argento e dell'oro fa delle nostre lampade dei veri e propri gioielli.



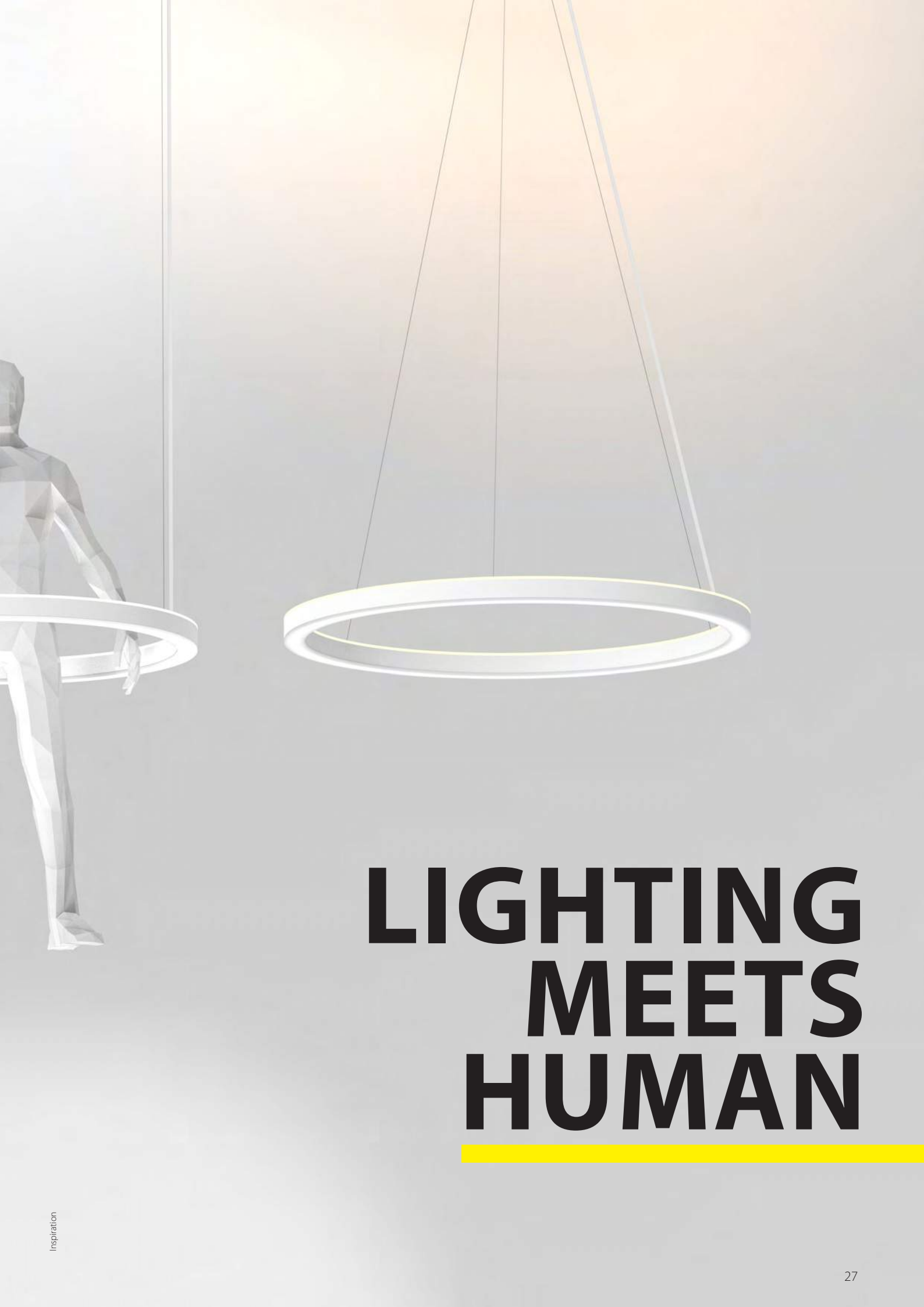


**DE** | Bei PLANLICHT steht der Mensch im Mittelpunkt. Deshalb bieten wir den Großteil unserer Leuchten auch mit dynamischem Weiß an. Das Konzept des Human Centric Lighting passt die Lichttemperatur dem natürlichen Verlauf des Sonnenlichts an und fördert nachweislich die Konzentration und Entspannung.

**EN** | At PLANLICHT, the focus is on people. That's why we also offer the majority of our luminaires with dynamic white. The concept of Human Centric Lighting adapts the light temperature to the natural course of sunlight and has been proven to promote concentration and relaxation.

**FR** | Chez PLANLICHT, l'être humain est au centre des préoccupations. C'est pourquoi nous proposons la majorité de nos luminaires également avec un blanc dynamique. Le concept de l'éclairage biodynamique adapte la température de la lumière au cours naturel de la lumière du soleil et promeut la concentration et la détente.

**IT** | PLANLICHT pone al centro l'individuo. Ecco perché offriamo la maggior parte dei nostri dispositivi di illuminazione anche con tecnologia del bianco dinamico. La tecnologia basata sul concetto di Human Centric Lighting adegua la temperatura della luce al corso naturale della luce solare e promuove in maniera tangibile la concentrazione e il rilassamento.



# LIGHTING MEETS HUMAN

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# LIGHTING MEETS WORKSPACE

**DE** | Für die richtige Beleuchtung am Arbeitsplatz sind unterschiedlichste Normen zu beachten. Die speziellen Büroleuchten von PLANLICHT überzeugen durch hohe Lichtleistung und maximalen Sehkomfort. Sie übertreffen oftmals die gesetzlichen Vorgaben und sorgen für eine ideale Ausleuchtung am Schreibtisch.

**EN** | Correct workplace illumination requires compliance with many different standards. The special office luminaires from PLANLICHT have an impressively high light output and maximum visual comfort. They often go beyond the statutory requirements and provide ideal illumination at the desk.





*FR | Les normes les plus diverses doivent être respectées pour garantir un bon éclairage au poste de travail. Les luminaires de bureau spéciaux de PLANLICHT séduisent par leur puissance lumineuse élevée et un confort visuel maximal. Ils dépassent largement les directives légales et garantissent un éclairage idéal au bureau.*

*IT | L'illuminazione corretta del posto di lavoro è disciplinata dalle norme più diverse. Le speciali lampade per ufficio di PLANLICHT si distinguono per la loro resa luminosa elevata e il massimo comfort visivo. Esse assolvono alle prescrizioni di legge superandone di gran lunga gli standard e garantendo un'illuminazione ottimale della postazione di lavoro.*

# LIGHT MEETS WALLS



**DE** | Für die homogene Ausleuchtung von Wänden bieten sich bei PLANLICHT unterschiedliche Möglichkeiten: Von Strahlern mit ovalen Streulinsen bis hin zu Profilen und Profilsystemen mit asymmetrischen Reflektoren.

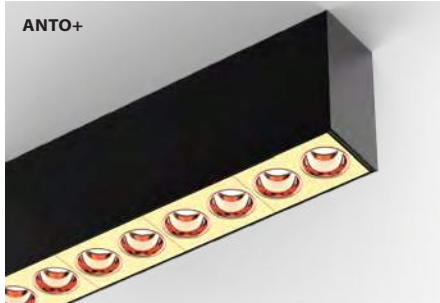
**FR** | PLANLICHT propose différentes possibilités pour l'éclairage homogène des murs: du spot à lentilles divergentes ovales aux profilés et systèmes de profilé à réflecteurs asymétriques.

**EN** | PLANLICHT offers various options for the homogeneous illumination of walls: from spotlights with oval diffuser lenses to profiles and profile systems with asymmetrical reflectors.

**IT** | PLANLICHT offre svariate soluzioni per assicurare un'illuminazione omogenea delle pareti: dai faretti con lenti di diffusione ovali fino ai profili, singoli o in sistemi, con riflettori asimmetrici.

## WALLWASH SOLUTIONS BY PLANLICHT

**DE |** Die ovale Streulinse im ANTO+ Strahler bzw. Inset liefert bei nur 0,1 Meter Abstand eine Streiflicht-Wandaufhellung von 500 Lux, bei 1 Meter Abstand 400 Lux. Dabei wird zusätzlich auch der Gangbereich erhellt.



**EN |** The oval diffuser lens in the ANTO+ spotlight or inset provides grazing light wall illumination of 500 lux at a distance of only 0.1 metre, and 400 lux at a distance of 1 metre. The traffic areas are also illuminated in addition.

**FR |** La lentille divergente ovale dans le spot ou insert ANTO+ fournit un éclairage mural homogène de 500 lux à une distance de seulement 0,1 mètre, et de 400 lux à une distance de seulement 1 mètre. Le couloir est également éclairé.

**IT |** La lente di diffusione ovale del faretto ANTO+ e ANTO+ Inset fornisce un illuminamento della parete pari a 500 lux con distanza di soli 0,1 metri dal muro e a 400 lux con distanza di 1 metro. Una soluzione che permette in tal modo di illuminare anche l'area di passaggio.

**DE |** Der asymmetrische Reflektor im P.FORTY Profil liefert bei nur 0,8 Meter Abstand eine homogene Wandaufhellung von 212 Lux, bei 1 Meter Abstand 175 Lux. Dabei wird zusätzlich auch der Gangbereich erhellt.

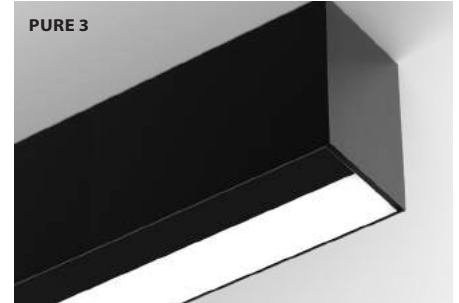


**EN |** The asymmetrical reflector in the P.FORTY profile provides homogeneous wall illumination of 212 lux at a distance of only 0.8 metres, and 175 lux at a distance of 1 metre. The traffic areas are also illuminated in addition.

**FR |** Le réflecteur asymétrique dans le profilé P.FORTY fournit un éclairage mural homogène de 212 lux à une distance de seulement 0,8 mètre et de 175 lux à une distance de 1 mètre. Le couloir est également éclairé.

**IT |** Il riflettore asimmetrico del profilo P.FORTY fornisce un illuminamento omogeneo della parete pari a 212 lux con distanza di soli 0,8 metri dal muro e a 175 lux con distanza di 1 metro. Una soluzione che permette in tal modo di illuminare anche l'area di passaggio.

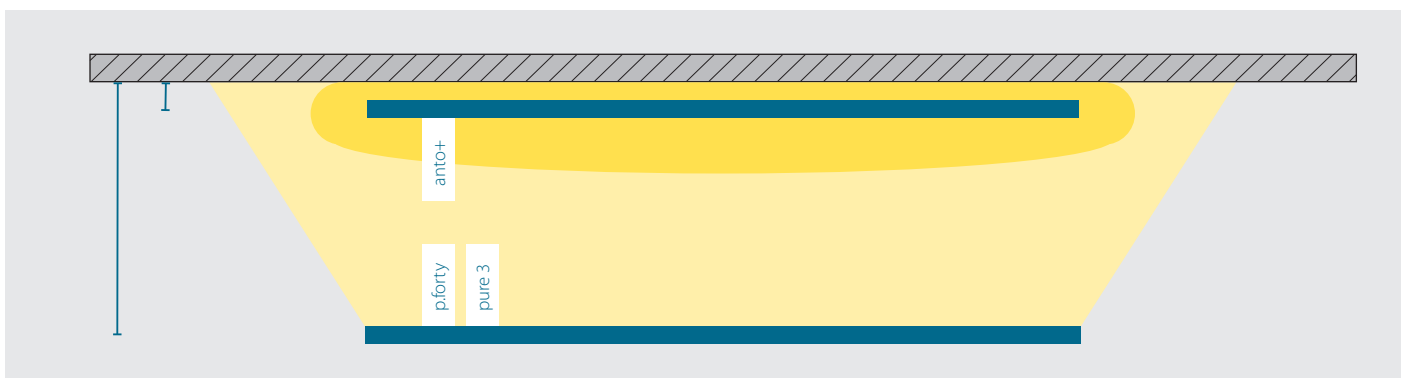
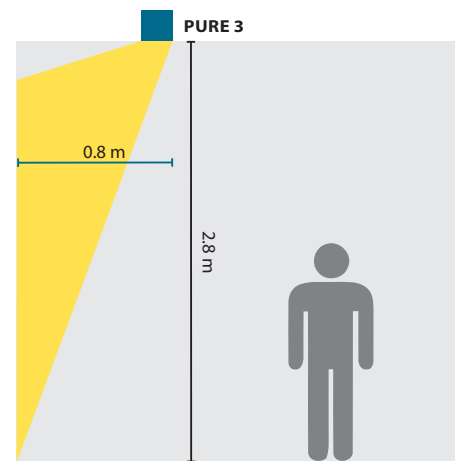
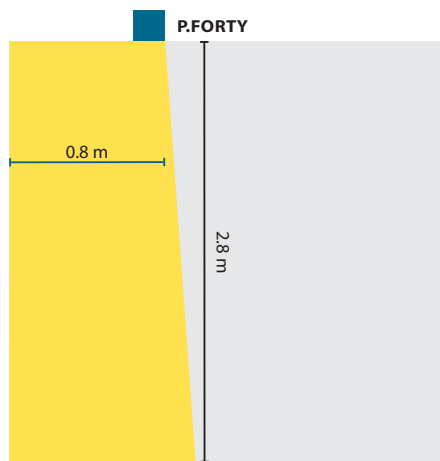
**DE |** Der asymmetrische Reflektor im PURE 3 Profil liefert bei nur 0,8 Meter Abstand eine homogene Wandaufhellung von 290 Lux, bei 1 Meter Abstand 270 Lux. Die wandgerichtete Aufhellung lässt den Boden dunkel.



**EN |** The asymmetrical reflector in the PURE3 profile provides homogeneous wall illumination of 290 lux at a distance of only 0.8 metres, and 270 lux at a distance of 1 metre. The wall-directed illumination leaves the floor dark.

**FR |** Le réflecteur asymétrique dans le profilé PURE3 fournit un éclairage mural homogène de 290 lux à une distance de seulement 0,8 mètre et de 270 lux à une distance de 1 mètre. L'éclairage orienté vers le mur laisse le sol dans la pénombre.

**IT |** Il riflettore asimmetrico del profilo PURE3 fornisce un illuminamento omogeneo della parete pari a 290 lux con distanza di soli 0,8 metri dal muro e a 270 lux con distanza di 1 metro. Il fascio di luce diretto alla parete non illumina il suolo.



# LIGHT MEETS ACOUSTIC





**DE** | Der Mensch im Mittelpunkt. Bei PLANLICHT geht dieser Anspruch über die Lichtwirkung hinaus. Die Akustikleuchten von PLANLICHT absorbieren Umgebungsgeräusche und verwandeln jede Lobby, jedes Großraumbüro, jede Konferenzräumlichkeit in eine echte Wohlfühloase.

**EN** | The focus is on people. At PLANLICHT, this is a claim that goes beyond the lighting effects. The acoustic luminaires from PLANLICHT effectively absorb ambient noise and transform every lobby, every open-plan office and every conference room into a veritable oasis of well-being.

**FR** | L'être humain au centre des préoccupations. Chez PLANLICHT, cette exigence va au-delà de l'effet lumineux. Les luminaires acoustiques de PLANLICHT absorbent efficacement les bruits environnants et transforment chaque zone de réception, chaque bureau collectif, chaque salle de conférence en un véritable havre de bien-être.

**IT** | L'individuo al centro. Questo principio si spinge presso PLANLICHT oltre la semplice resa luminosa. I dispositivi di illuminazione con sistema fonoassorbente di PLANLICHT filtrano il rumore ambientale e trasformano ogni atrio, ma anche ogni ufficio open space e sala conferenze, in una vera e propria oasi di benessere.

# LIGHT COLOR MEETS RETAIL

**DE** | Die verkaufsfördernde Gestaltung von Ladenflächen ist eine Kunst für sich. Verschiedene Waren stellen unterschiedliche Anforderungen an die Beleuchtung. Im Modehandel überzeugen die Spezialleuchten von PLANLICHT durch eine kräftige und kontrastreiche Farbwiedergabe. In den unterschiedlichen Bereichen des Lebensmittelhandels regen die verbauten Spezial-LEDs den Konsum an.

**EN** | *The sales-promoting design of shop areas is an art in itself. Different goods place different demands on the lighting. In fashion retail, the special luminaires from PLANLICHT make an impressive statement with their powerful, high-contrast colour rendering. In the different areas of the food retail, the installation of special LEDs stimulates consumption.*

**FR** | *La conception promotionnelle des surfaces de vente est un art en soi. Différentes marchandises posent différentes exigences à l'éclairage. Dans les magasins de mode, les luminaires spéciaux de PLANLICHT séduisent par un rendu des couleurs fort et contrasté. Les LED spéciales installées dans les différents espaces des magasins alimentaires incitent à la consommation.*

**IT** | *Da noi la progettazione degli spazi commerciali che favorisce le vendite è un'arte in sé. Merci diverse pongono sfide altrettanto diverse quando si parla di illuminazione. Le lampade speciali di PLANLICHT per il settore della moda si distinguono per la loro capacità di assicurare una resa cromatica incisiva e ricca di contrasti. I nostri speciali LED installati nei diversi reparti del commercio di alimentari sanno come incentivare i consumi.*

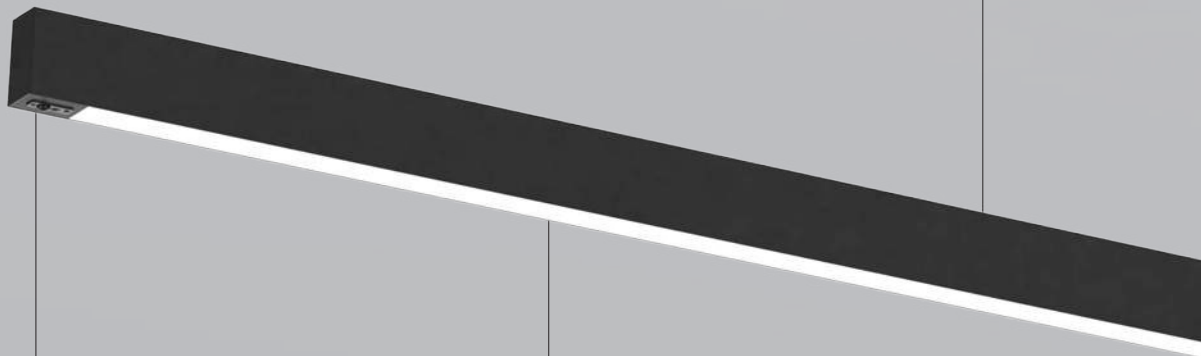






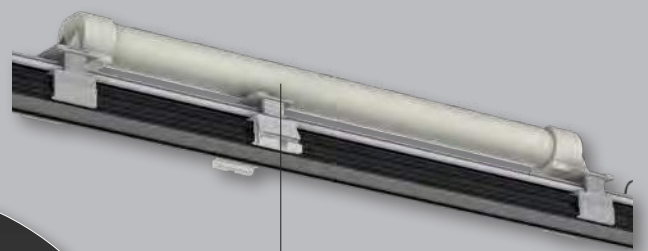
# FUNCTION MEETS CONTROL

customize your **COVERS**

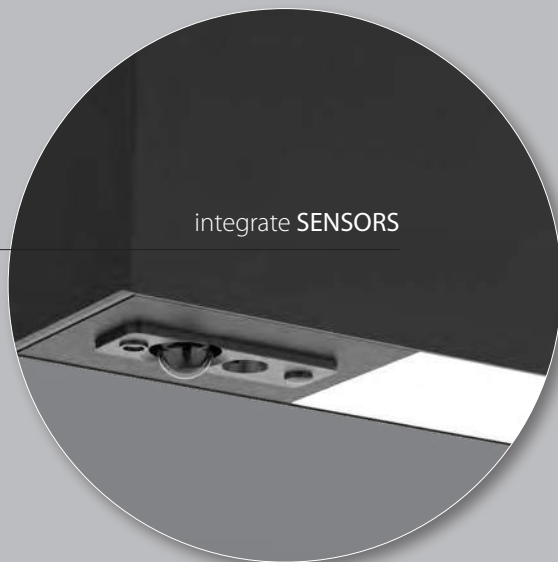


customize your **LIGHT COLOURS**

3000 K / 4000 K / dynamic white / RGB-W / CRI>90



integrate **SENSORS**



integrate 3 h **BATTERY**

SMART CONTROLS

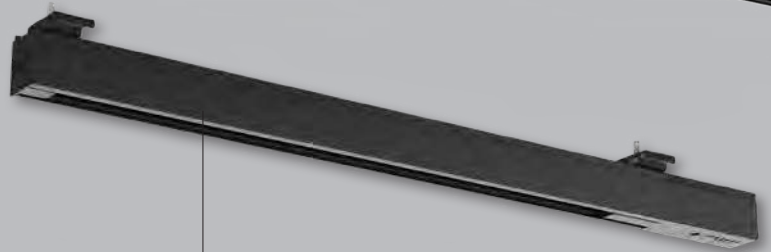
- WIRED
- BLUETOOTH®
- ZIGBEE®
- W-LAN
- 1-10V
- PHASE CUT
- CASAMBI
- KNX
- DMX
- DALI 2



customize your profile LENGTHS

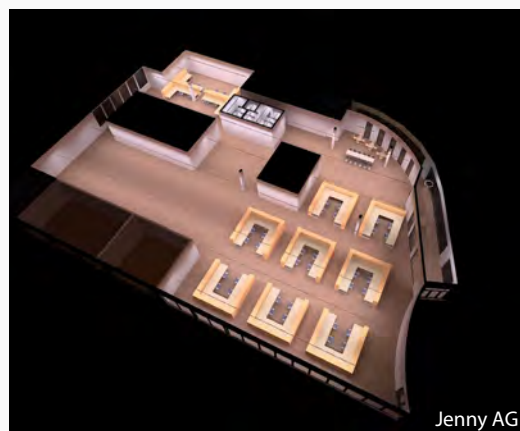
integrate INSETS

anto+, zenit S, zenit XS

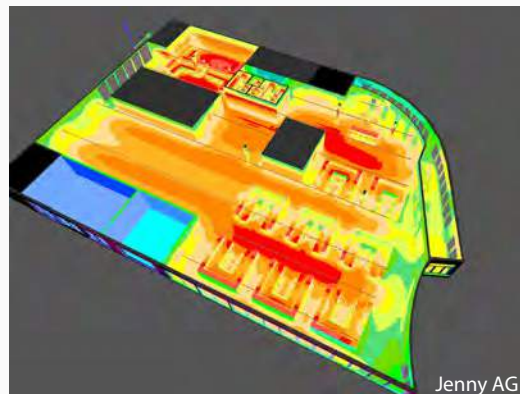


integrate 3-PHASE TRACK

# LIGHT MEETS PLANNING



Jenny AG



Jenny AG

## **DE | Auf der Suche nach Lösungen?**

Sie suchen die passende Lösung? Sie brauchen Unterstützung für eine ausgetüftelte, normgerechte Beleuchtungsplanung, die Ihre Vision umsetzen kann? Nehmen Sie Kontakt mit uns auf und unsere Planungsabteilung unterstützt und begleitet Sie.

## **EN | Looking for solutions?**

Are you looking for the right solution? Do you need help to find a sophisticated, standards-compliant lighting design that can bring your vision to life? Get in touch with us, and our planning department will be happy to offer guidance and support.

## **FR | Vous êtes à la recherche de solutions ?**

Vous êtes à la recherche de la solution adéquate ? Vous avez besoin d'aide pour procéder à une planification d'éclairage ingénieuse et conforme aux normes qui pourra réaliser votre vision ? Contactez-nous. Notre service de planification se fera un plaisir de vous aider et de vous accompagner dans votre projet.

## **IT | È alla ricerca di soluzioni?**

Desidera trovare quella più adatta? Ha bisogno d'aiuto per elaborare una progettazione illuminotecnica ben congegnata e a norma, in grado di realizzare quel che ha in mente? Ci contatti: il nostro reparto di progettazione sarà lieto di supportarla e seguirla.



# PROJECTS

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Branchenlösungen  
*Industry solutions*  
*Solutions de l'industrie*  
*Soluzioni di settore*

1.3



**OFFICE**  
*p. 42*



**PUBLIC**  
*p. 66*



**HOSPITALITY**  
*p. 98*



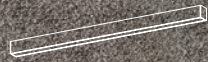
**RETAIL**  
*p. 120*



**WORK  
SPACES**



J. Mayer H. und Partner, Architekten, MoB - Foto: David Franck, Ostfildern







Individual **p.forty** profile system with direct/indirect lighting in perfect combination with 3rd party acoustic elements at IGZ Campus Falkenberg

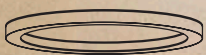
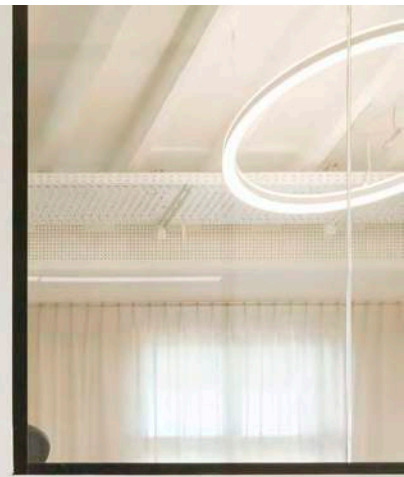
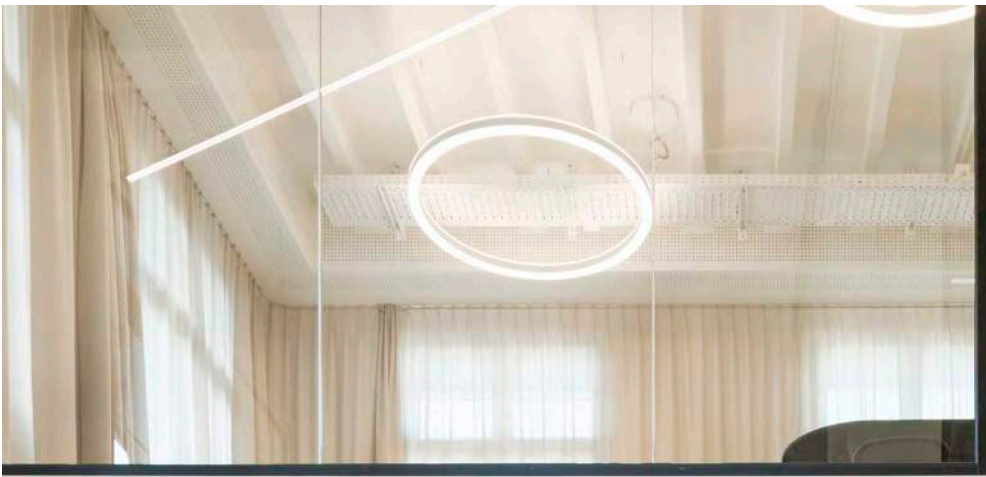




J. Mayer H. und Partner, Architekten MBB - Fotos: David Franck, Ostfildern



p.forty | p. 258



halo | p. 280



*pure 3 suspended* | p. 260

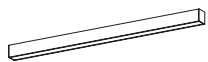


PLANLICHT's iconic **halo** ring luminaires combined with ultra efficient **ophelia** surface luminaires and **pure3** profile systems provide perfect illumination in floors, offices and meeting areas of SIG Combibloc Services at Neuhausen am Rheinfall, Switzerland.

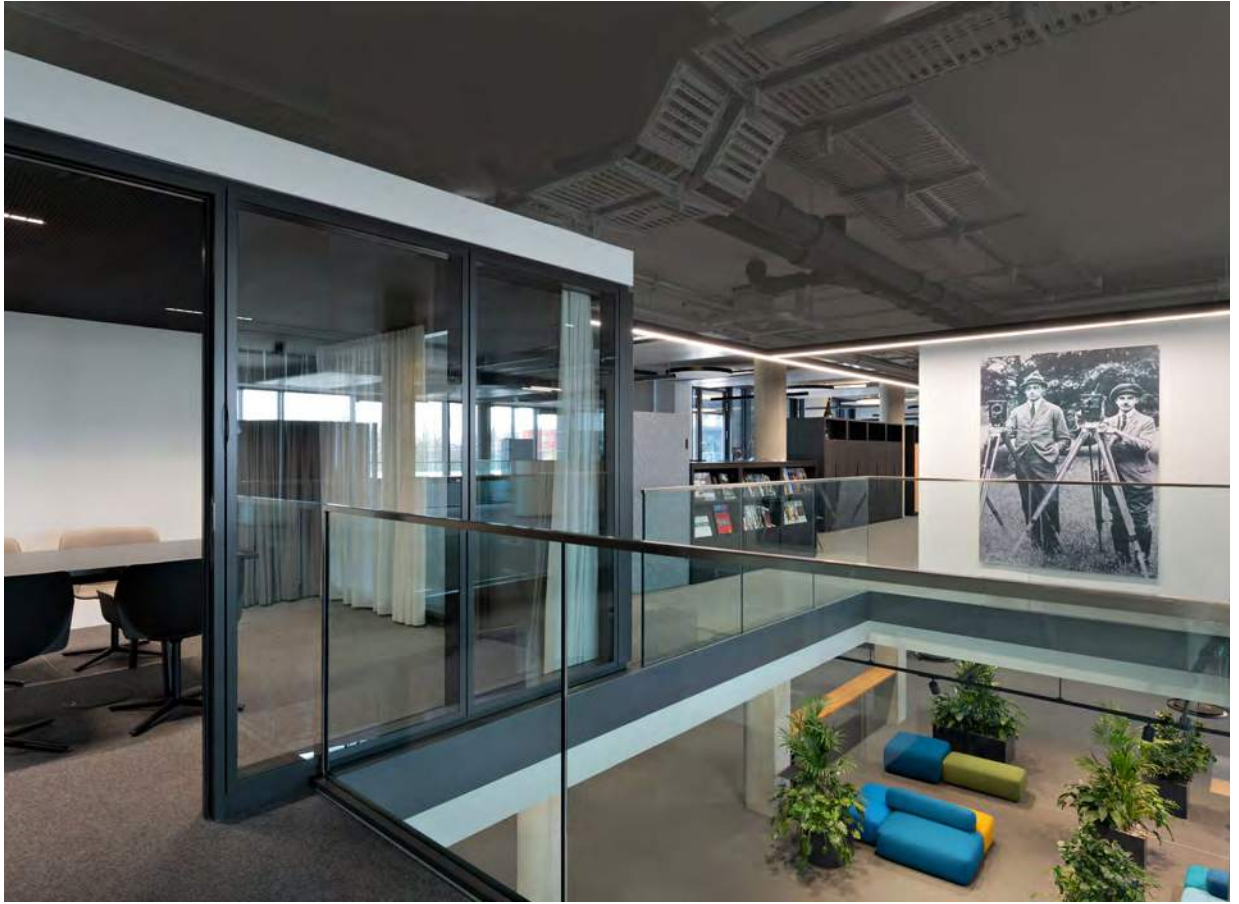


*ophelia* | p. 284





*pure 3 suspended* | p. 260

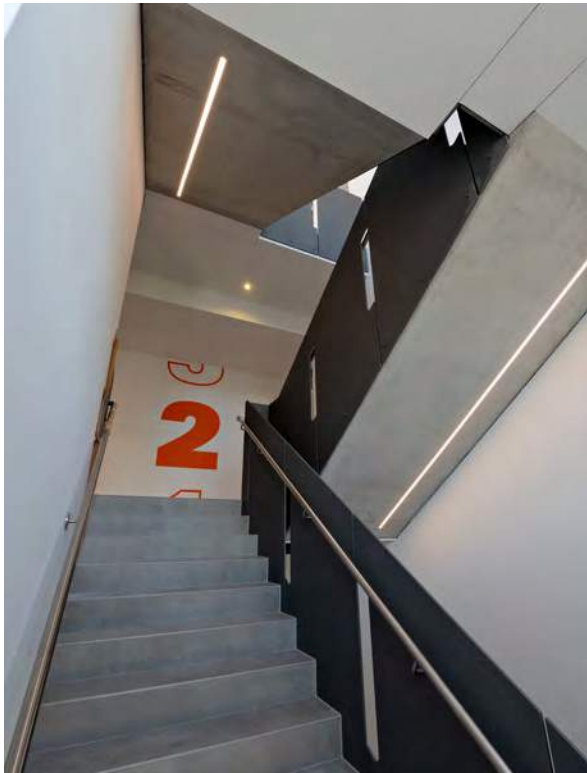


*pure 3 suspended | p. 260*





Arri HQ Munich, Fotos: Angelo Kaunat



p.forty recessed | p. 332

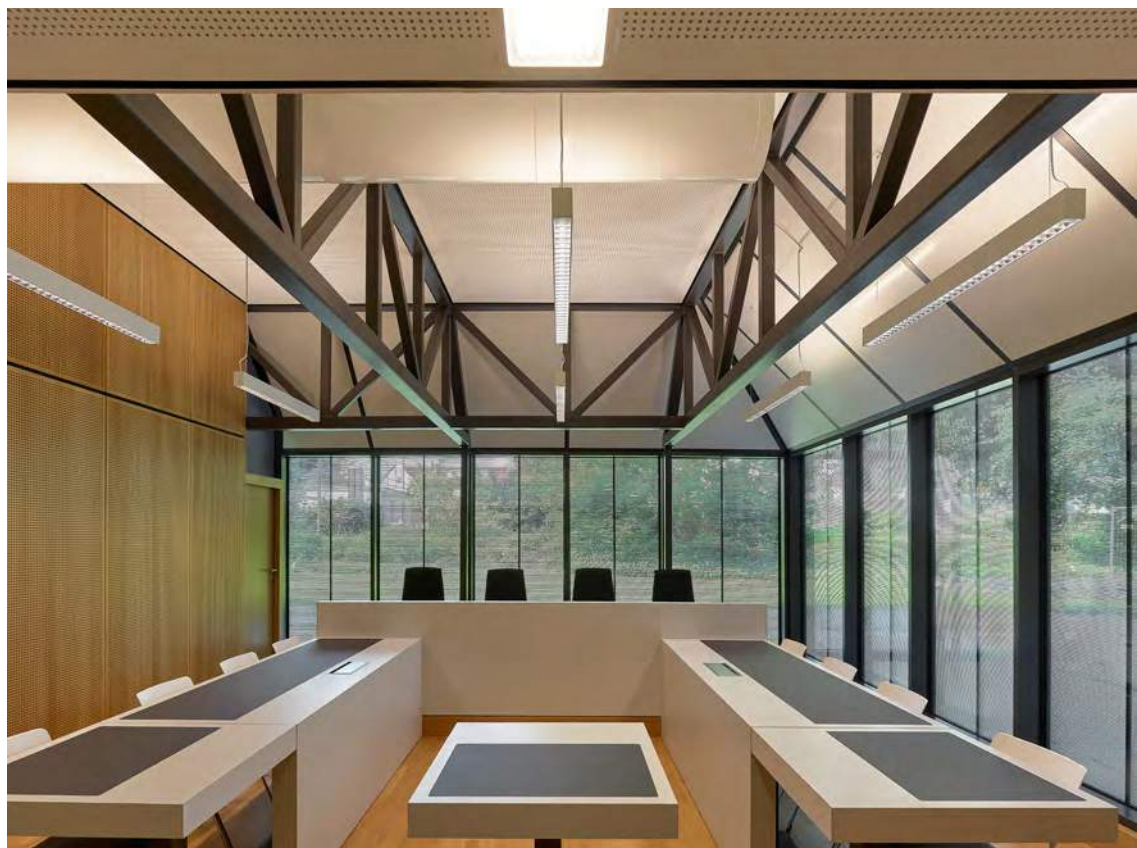


pure 3 suspended | p. 260

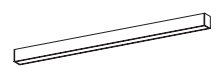




*sinus* | p. 276



*quadro suspended* | p. 270



p.forty recessed | p. 332

Familiengericht Heilbronn, Fotos: Angelo Kaunat

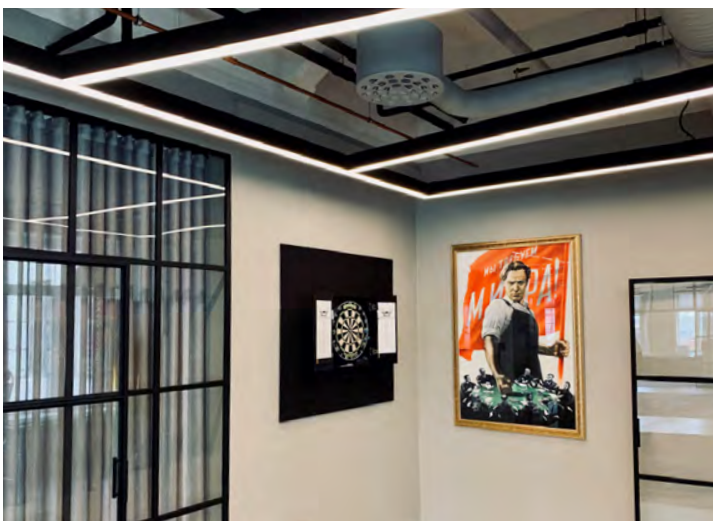


*sinus* | p. 276





IMI/Office Helsinki



pure3 suspended | p. 260



Ramboll Headquarters Leppävaar



*sinus.quiet* | p. 278

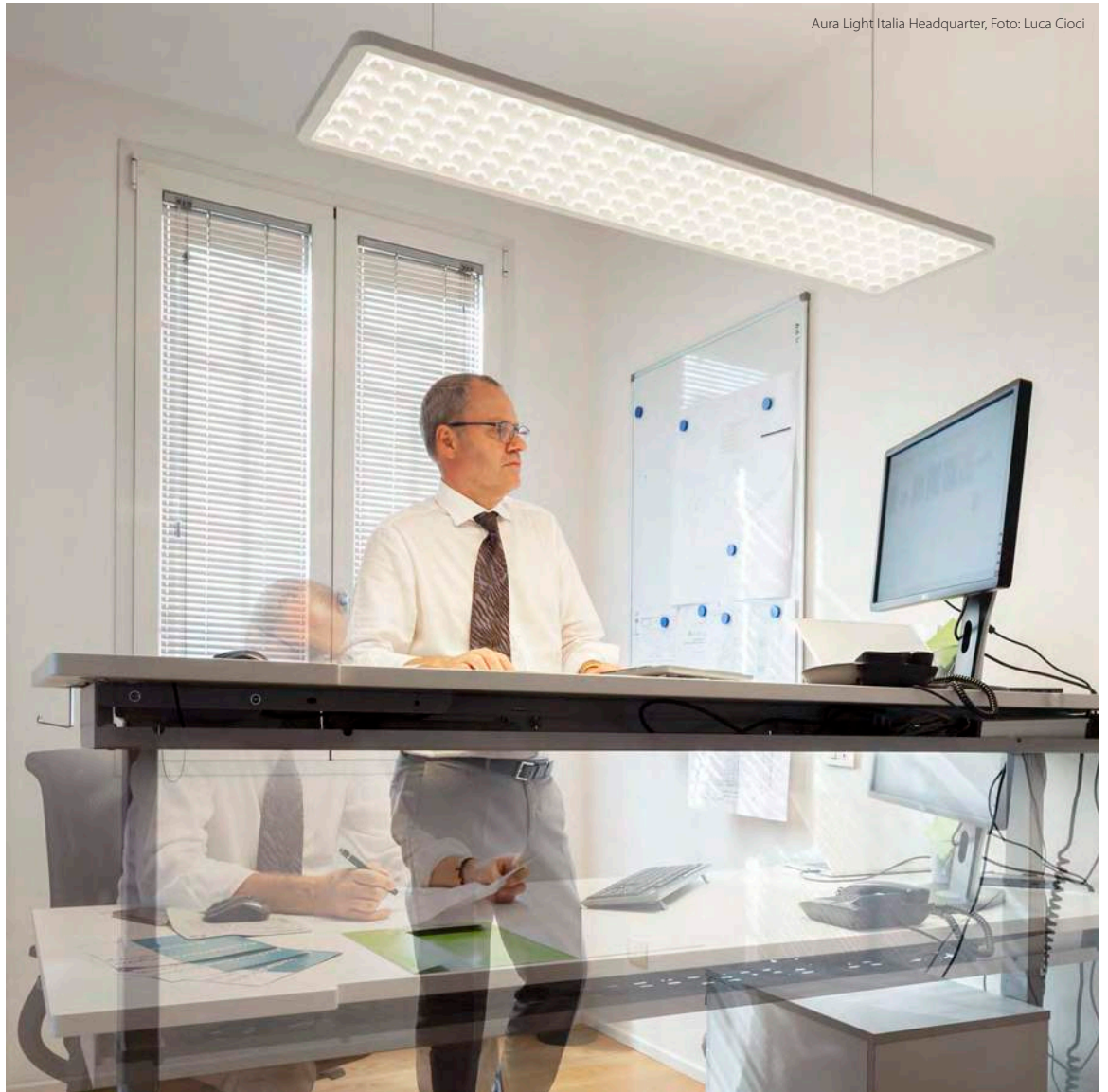
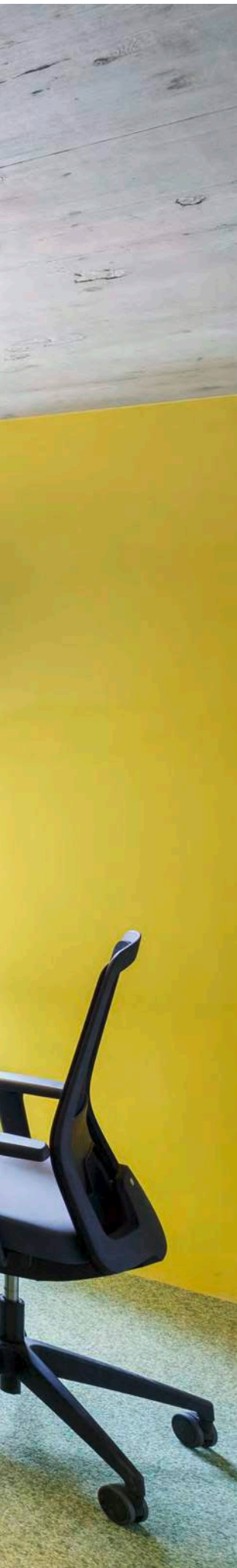


BWF Group Showroom



quadro.quiet | p. 274





Aura Light Italia Headquarter, Foto: Luca Cioci



skai | p. 298



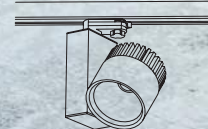




*halo* | p. 280



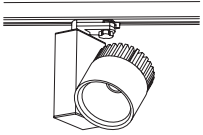
Tellan Kuvat Finland, Foto: Timo Pyykonen Photography



meteor | p. 432



Taljan Kuvot: Finnland, Foto: Timo Pyykkönen Photography



meteor | p. 432

Telian Kuvat Finland, Foto: Timo Pyykonen Photography

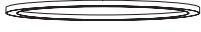


anto+ | p. 358

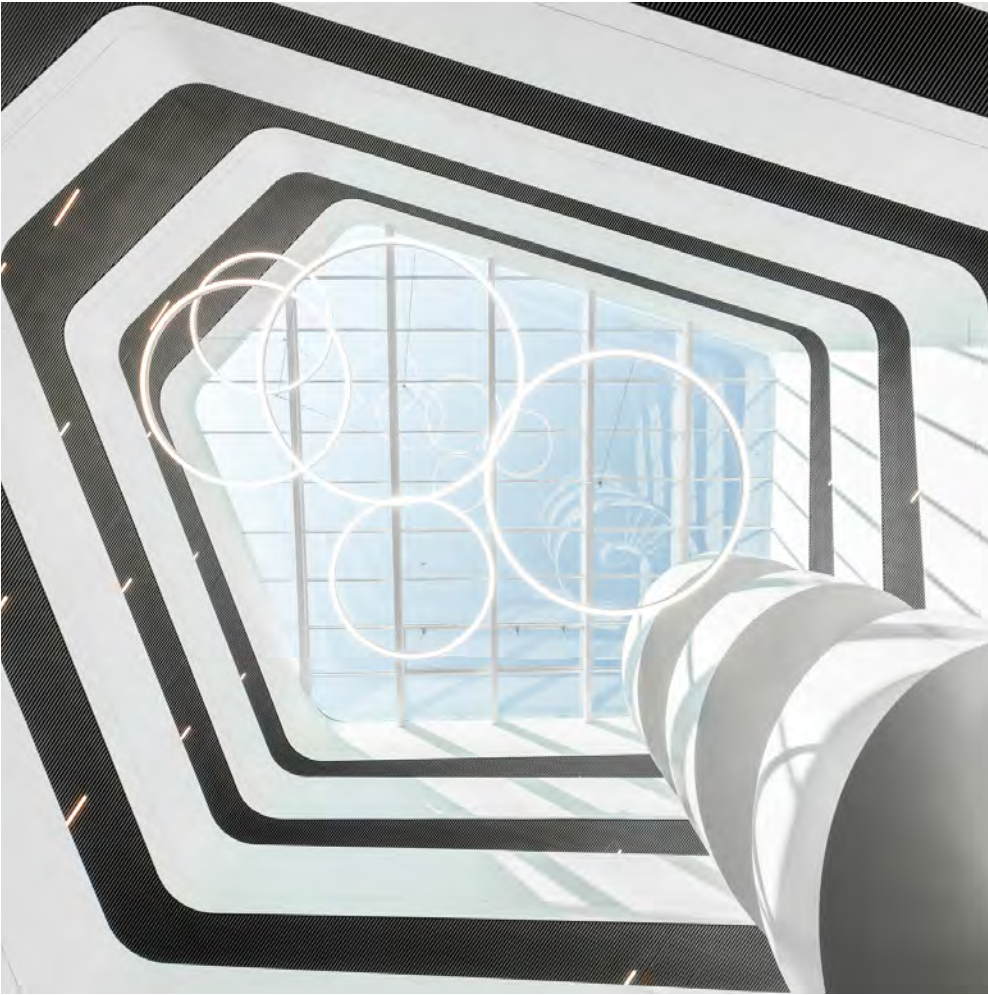
# PUBLIC BUILDINGS



Landkreis Erlangen-Höchstadt, Fotos: tschirkersten fotografie



*sinus* | p. 276







*lili* | p. 350



Sparkasse Eichstätt, Foto: Otto R. Bernhart



Kreishaus Detmold, Foto: Otto R. Bernhart

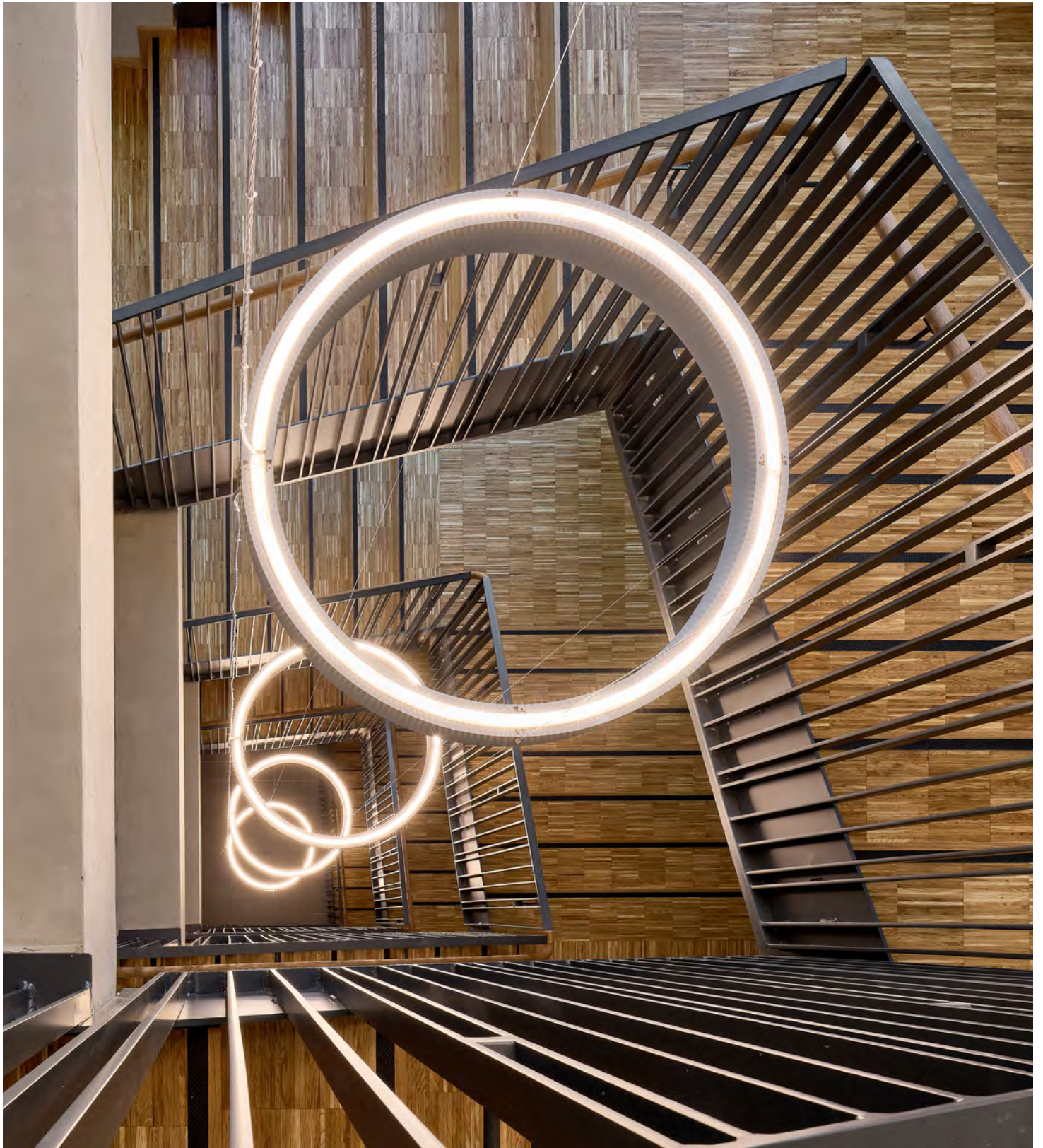


Kreishaus Detmold, Foto: Otto R. Bernhart



*ophelia* | p. 228



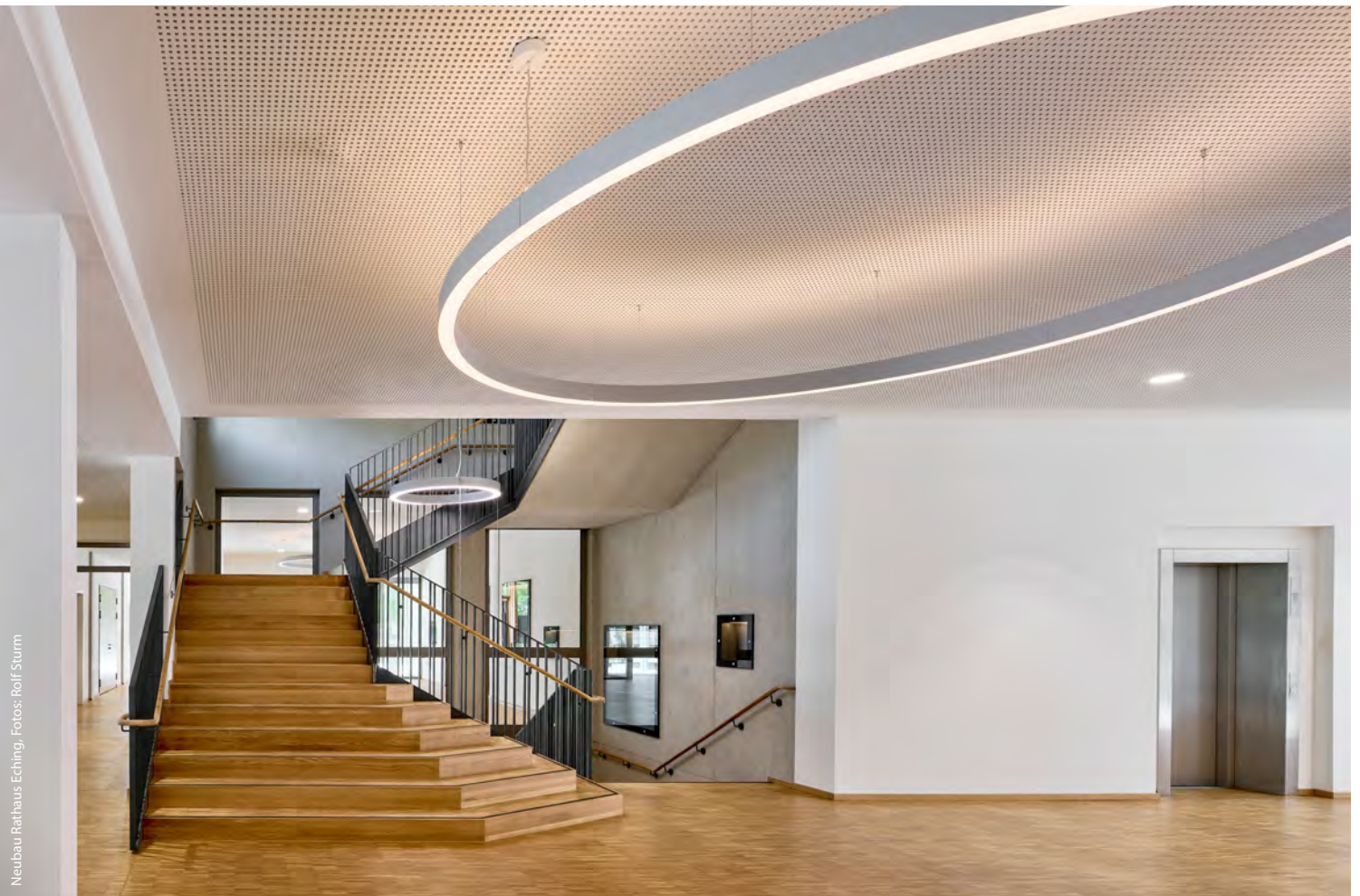


*sinus* | p. 276

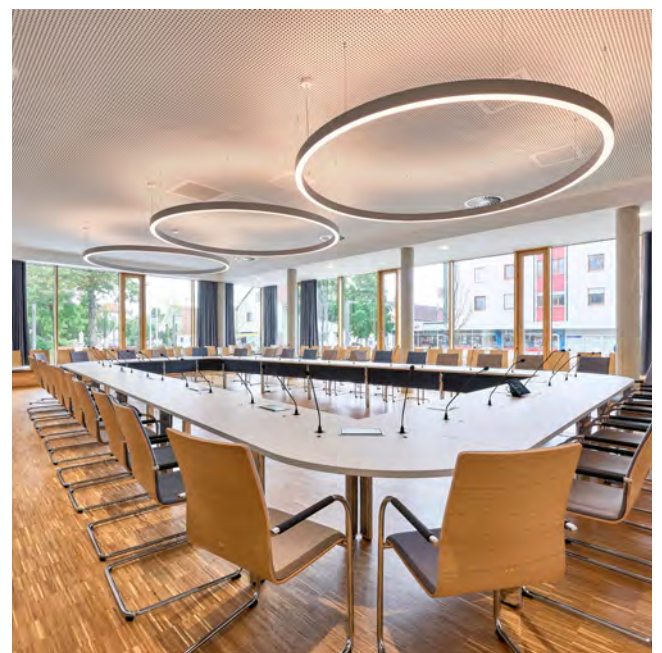
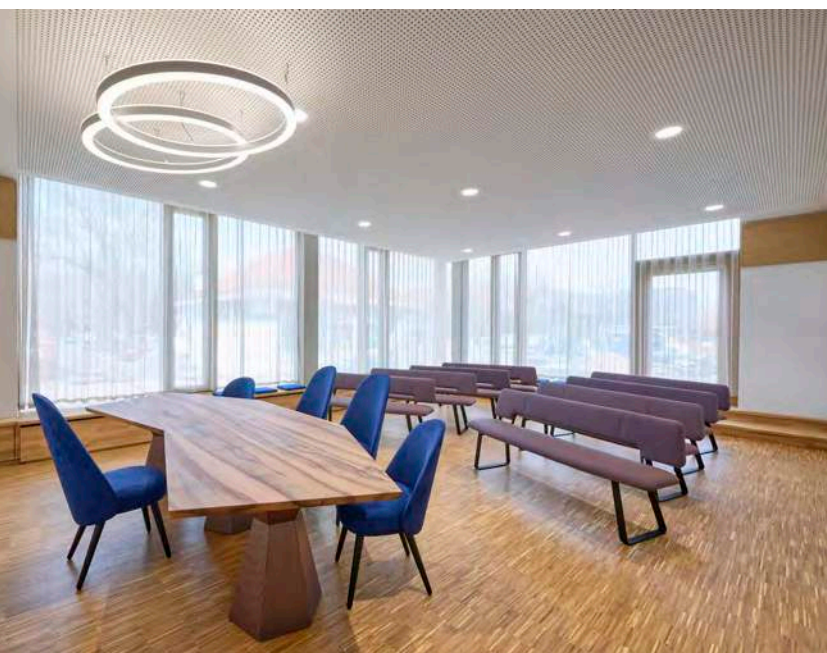




sinus | p. 276



Neubau Rathaus Echting, Fotos: Rolf Sturm



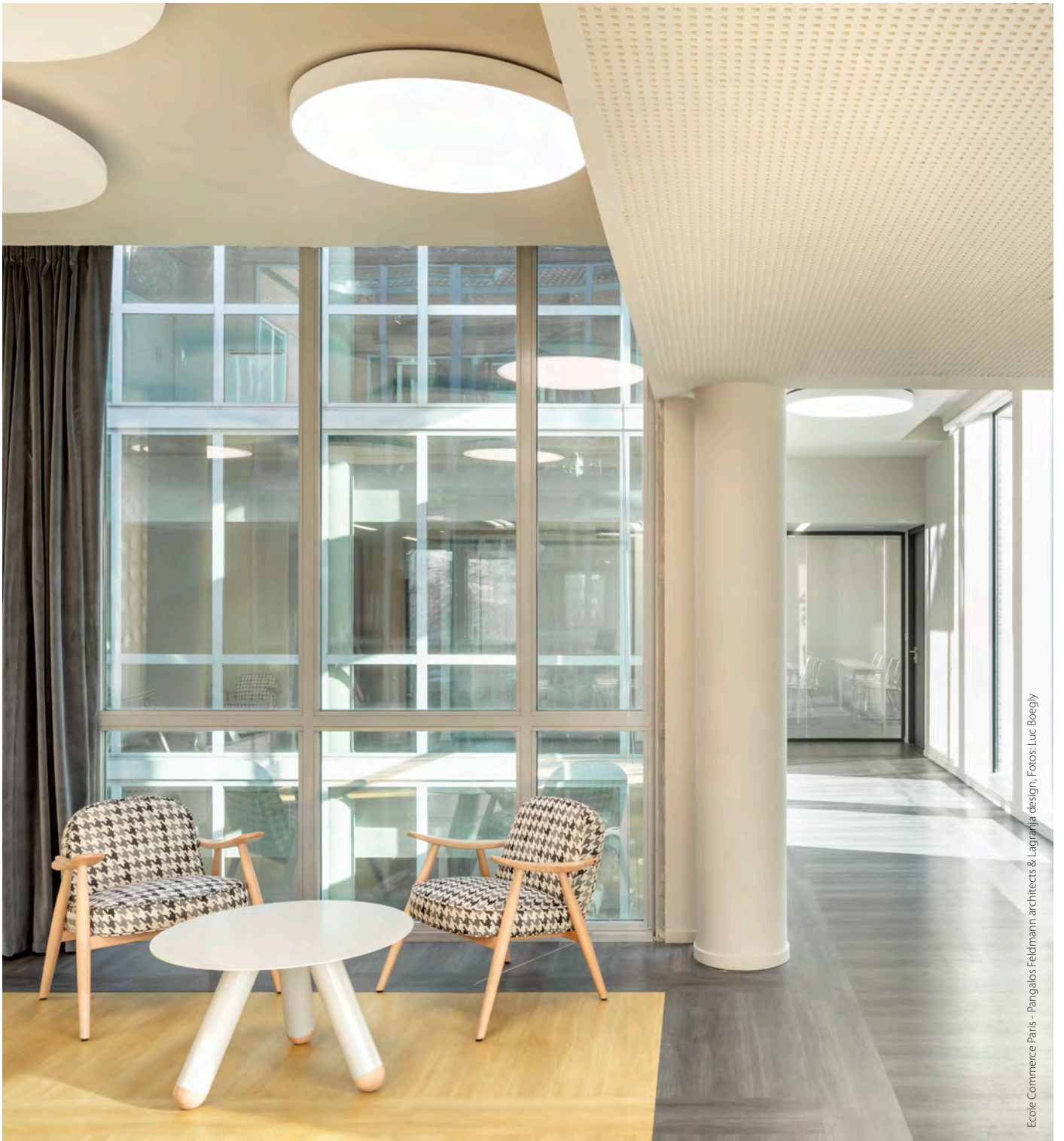


Ecole commerce Paris - Pangalos Feldmann architects & Lagranja design, Foto : Luc Boegly



*ophelia* | p. 284





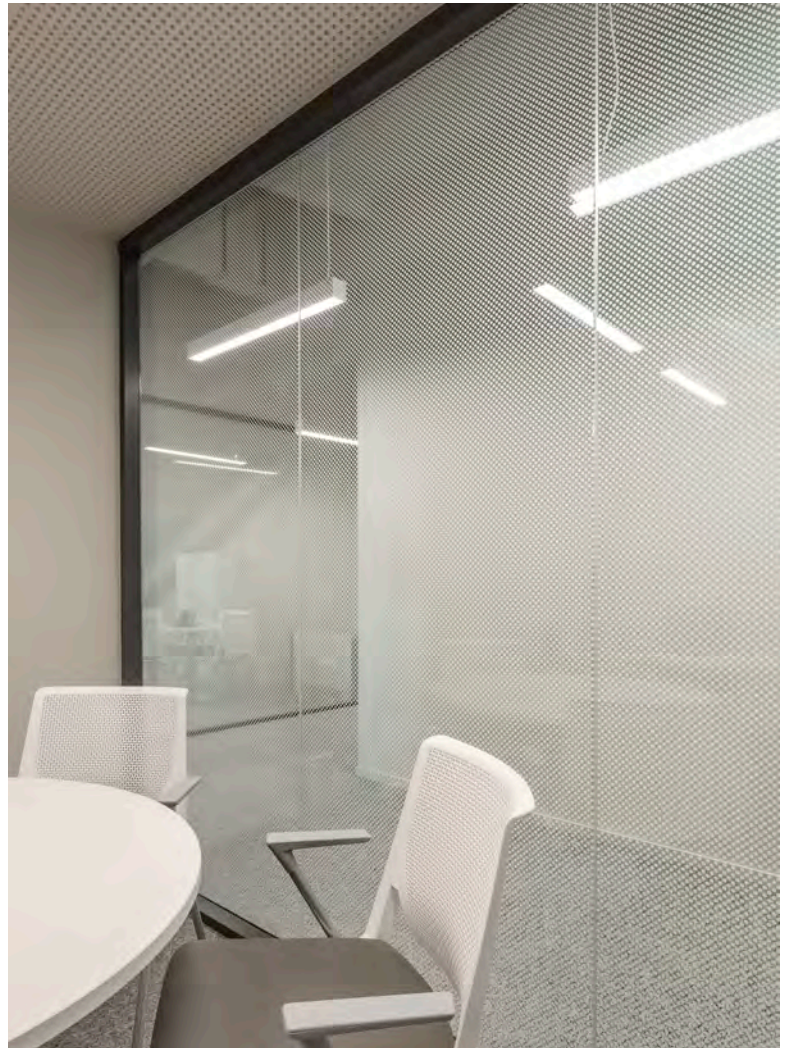
Ecole Commerce Paris - Pangalos Feldmann architects & Lagranja design, Fotos: Luc Boegly



*ophelia* | p. 228/284



*ophelia* | p. 228



quadro | p. 270



Bildungscampus Heilbronn, Foto: Otto R. Bernhart





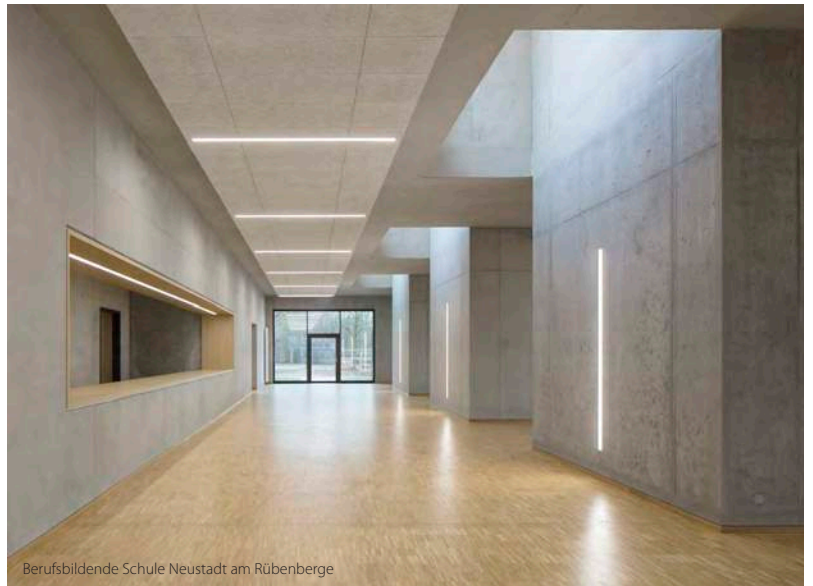
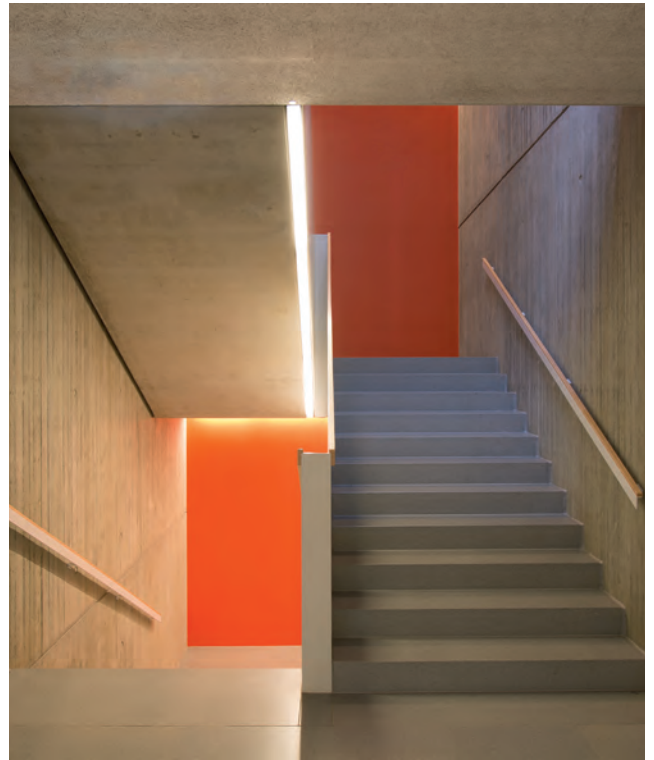
pure 3 | p. 260



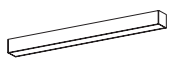
Bildungscampus Heilbronn, Fotos: Otto R. Bernhart



Gemeinschaftsschule Gebhardt, Fotos: Otto R. Bernhart



Berufsbildende Schule Neustadt am Rügenberge



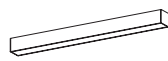
pure 3 | p. 338



GOM GmbH Braunschweig, Fotos: Otto R. Bernhart



pure 3 | p. 334



*pure 3 | p. 216*



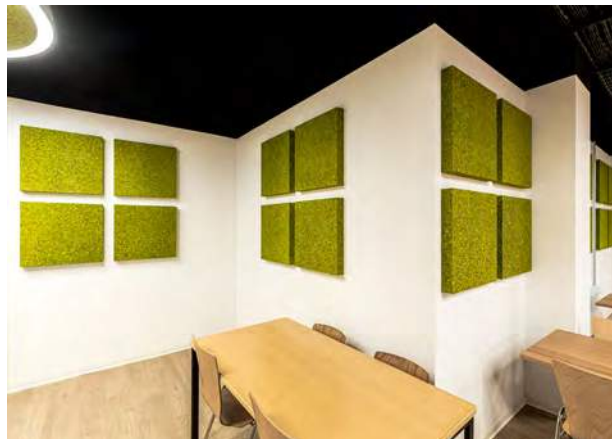
GOM GmbH Braunschweig, Fotos: Otto R. Bernhart



Bildungseinrichtung des Bundes Leipzig, Foto: pkfotografie



*sinus.quiet* | p. 278

















pure 3 | p. 216



*sinus* | p. 276



Kindergarten Bruneck

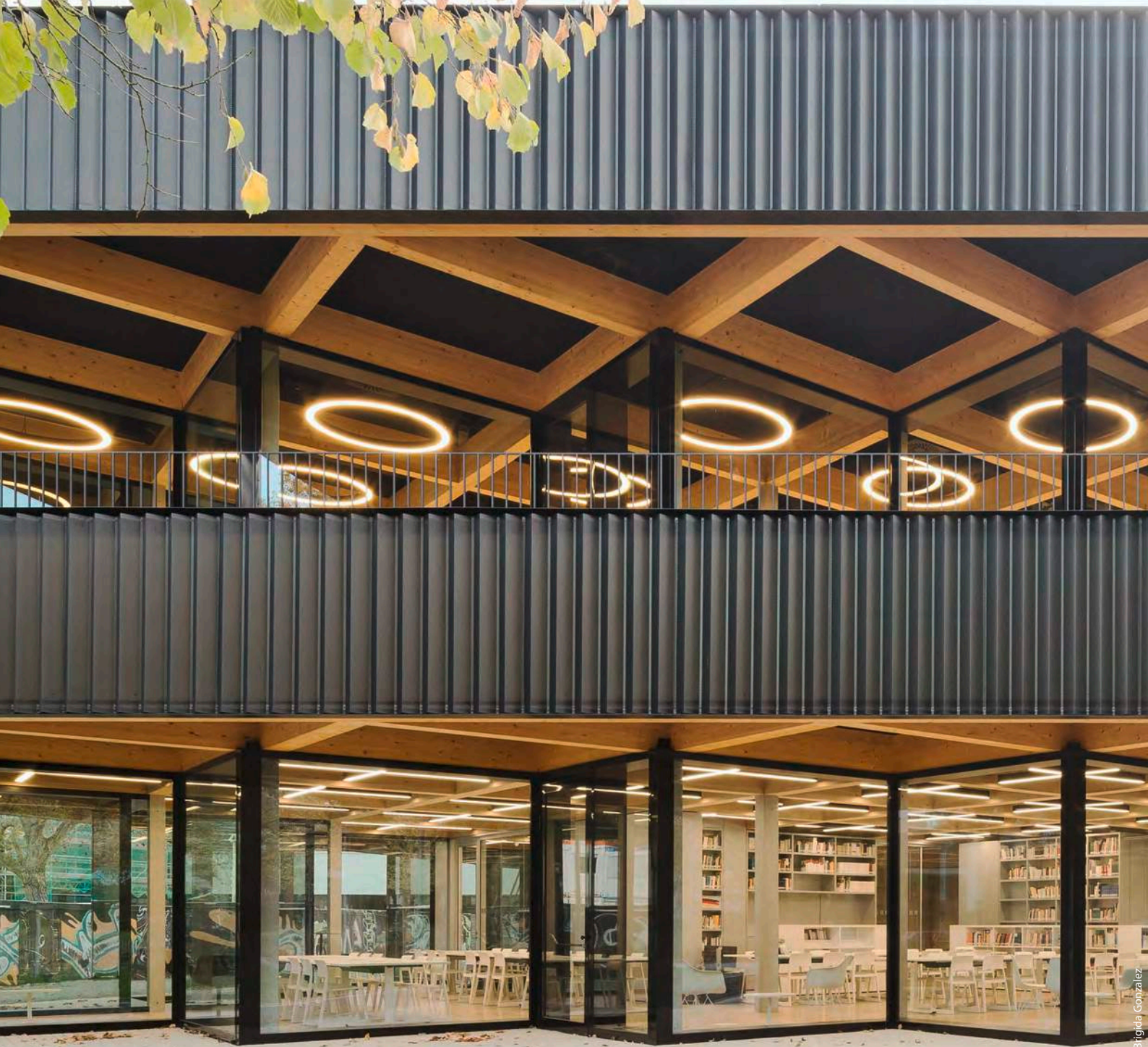


*ophelia* | p. 284



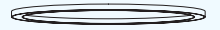
*halo* | p. 280

# HOSPITALITY & LIVING





*pure 3* | p. 216



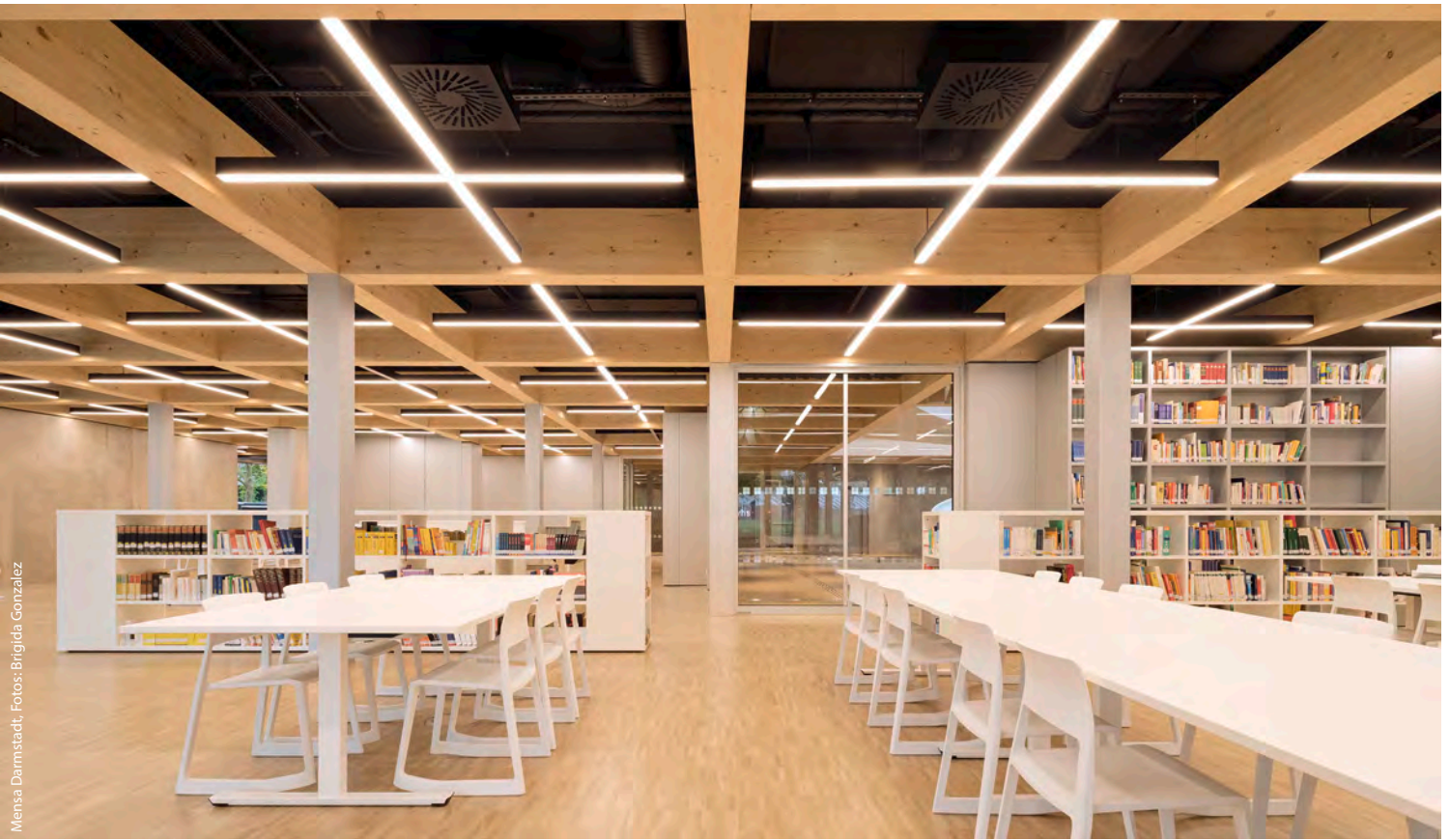
*sinus* | p. 276



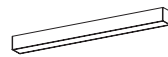




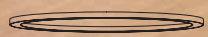
*sinus* | p. 276



Mensa Darmstadt, Fotos: Brigida Gonzalez

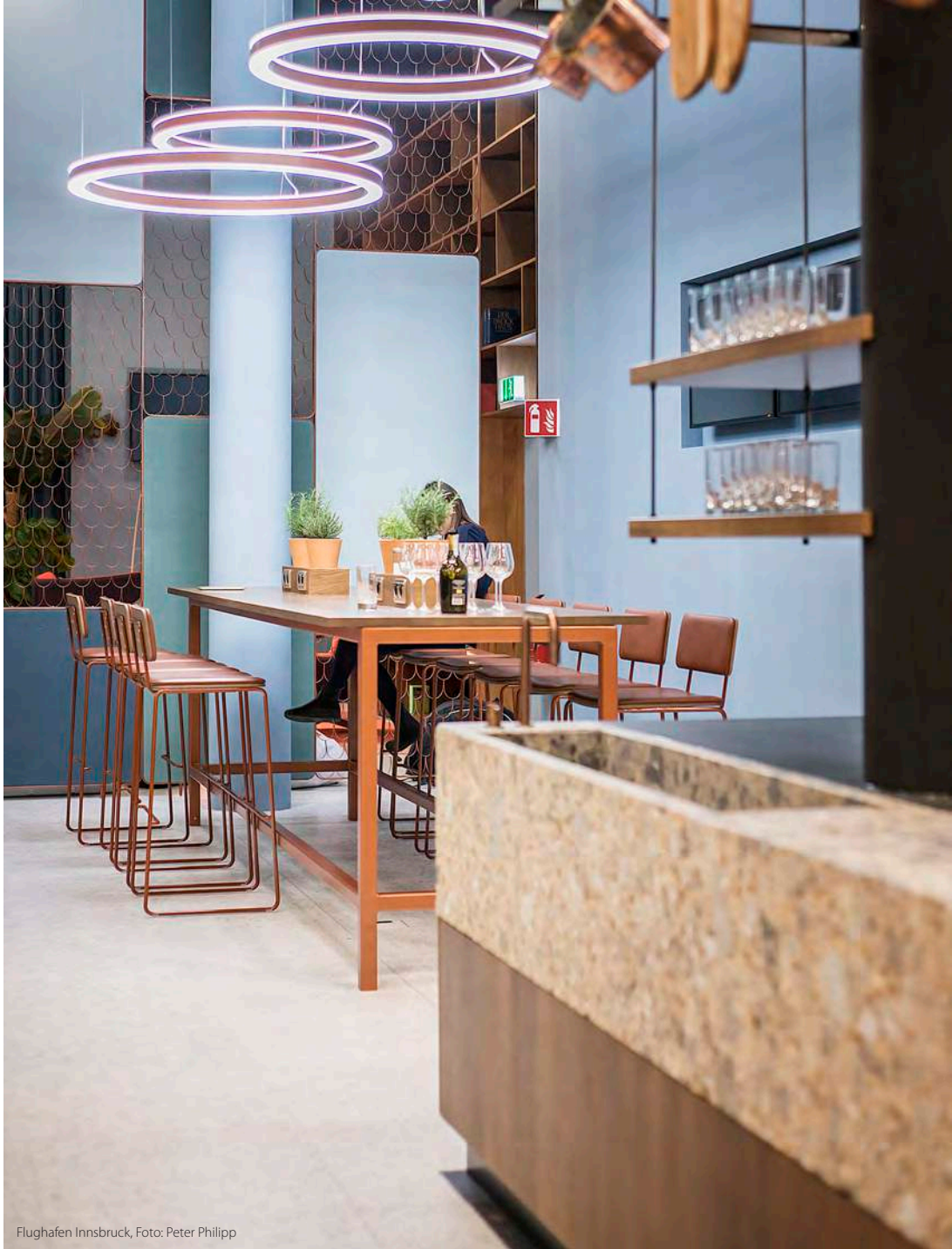


pure 3 | p. 260









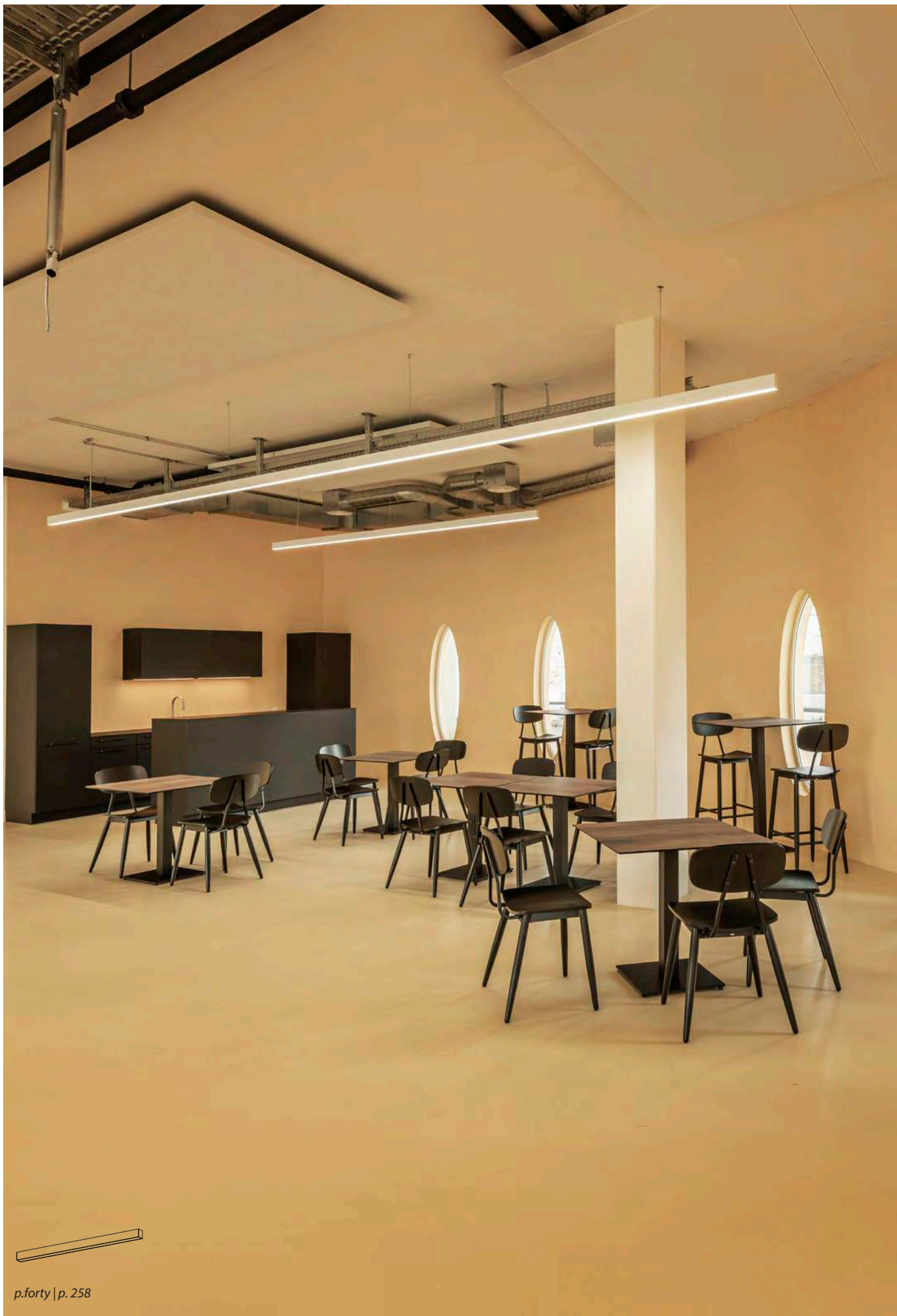
Flughafen Innsbruck, Foto: Peter Philipp



halo | p. 280



ophelia | p. 228



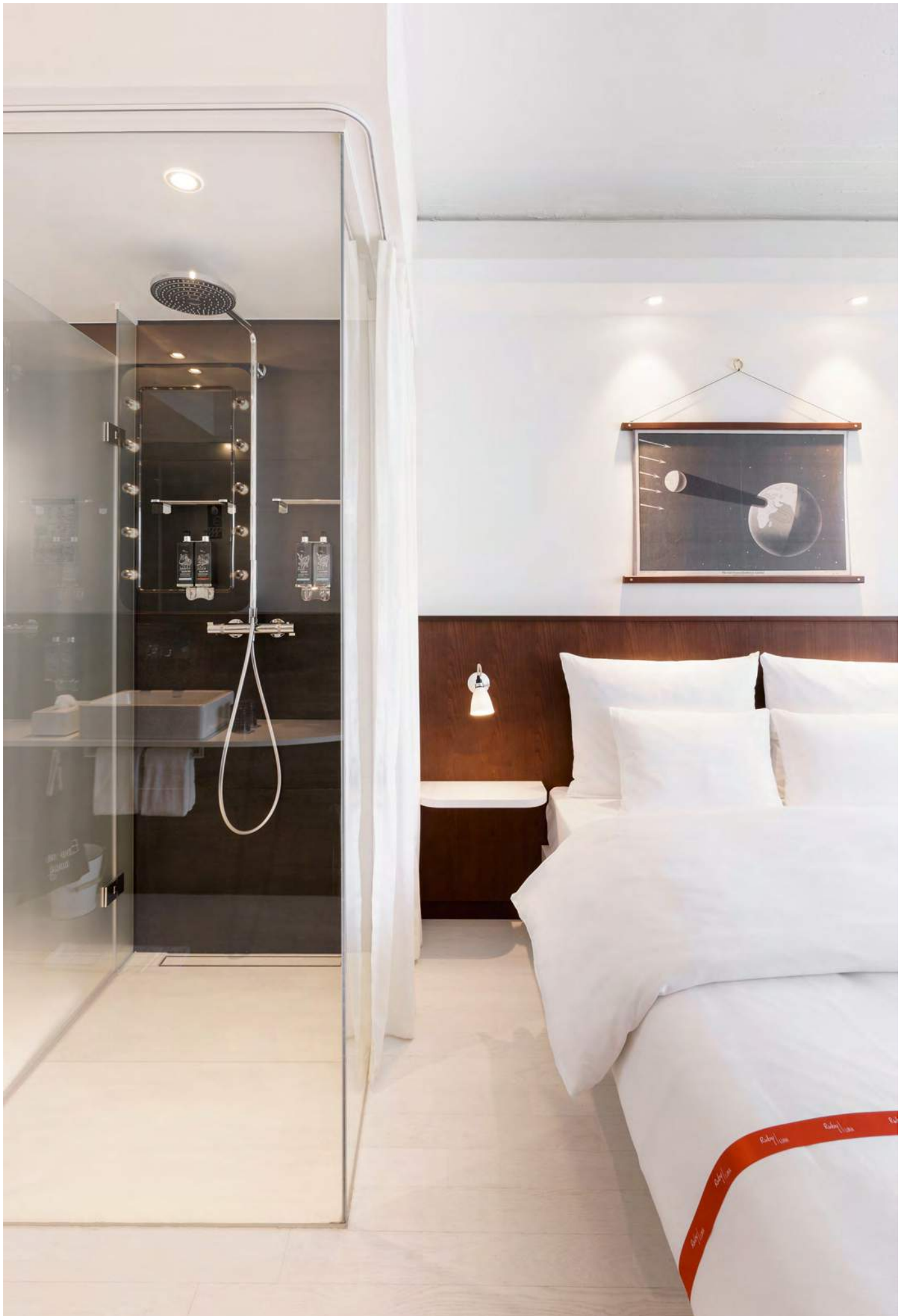




Ruby Hotels



toulon | p. 378

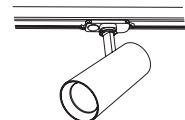








anto+ | p. 358

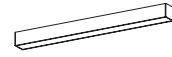


zenit M | p. 426



Holiday Inn Messukeskus, Fotos: Sampsa Päämänen





*p.forty | p. 392*







was told I'd never make it to VP rank because I was too outspoken.

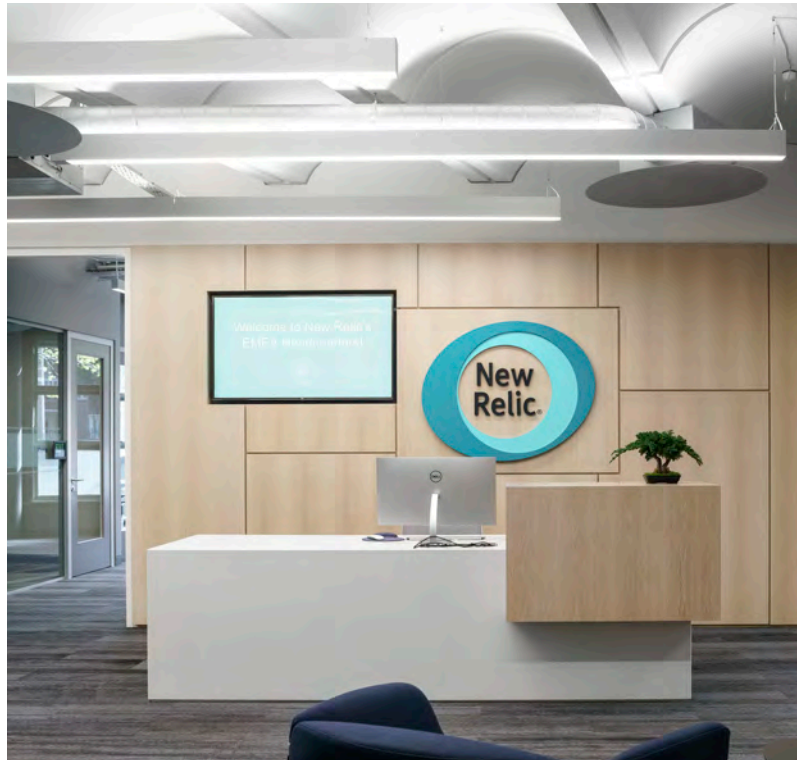
Maybe so, but I think men will always find an excuse for keeping women in their 'place.'

o, let's make that place the executive suite.

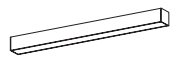
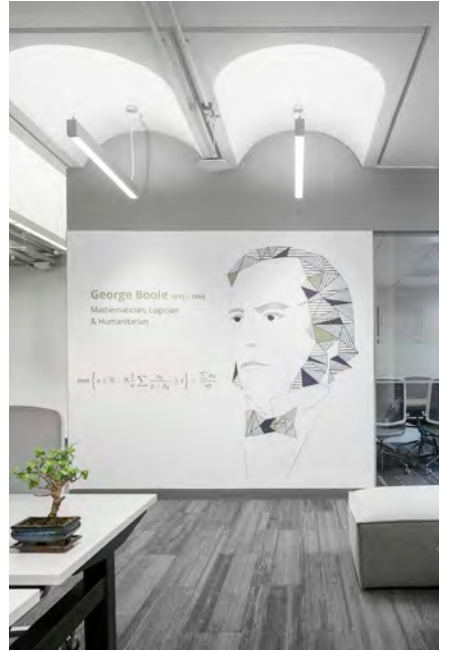
Betty Jennings  
Chief Executive Program



New Relic Ireland, Foto: Donal Murphy Photography



New Relic Ireland, Fotos: Donal Murphy Photography



pure 3 | p. 260

# RETAIL STORES



*sinus* | p. 276





pure 3 | p. 400

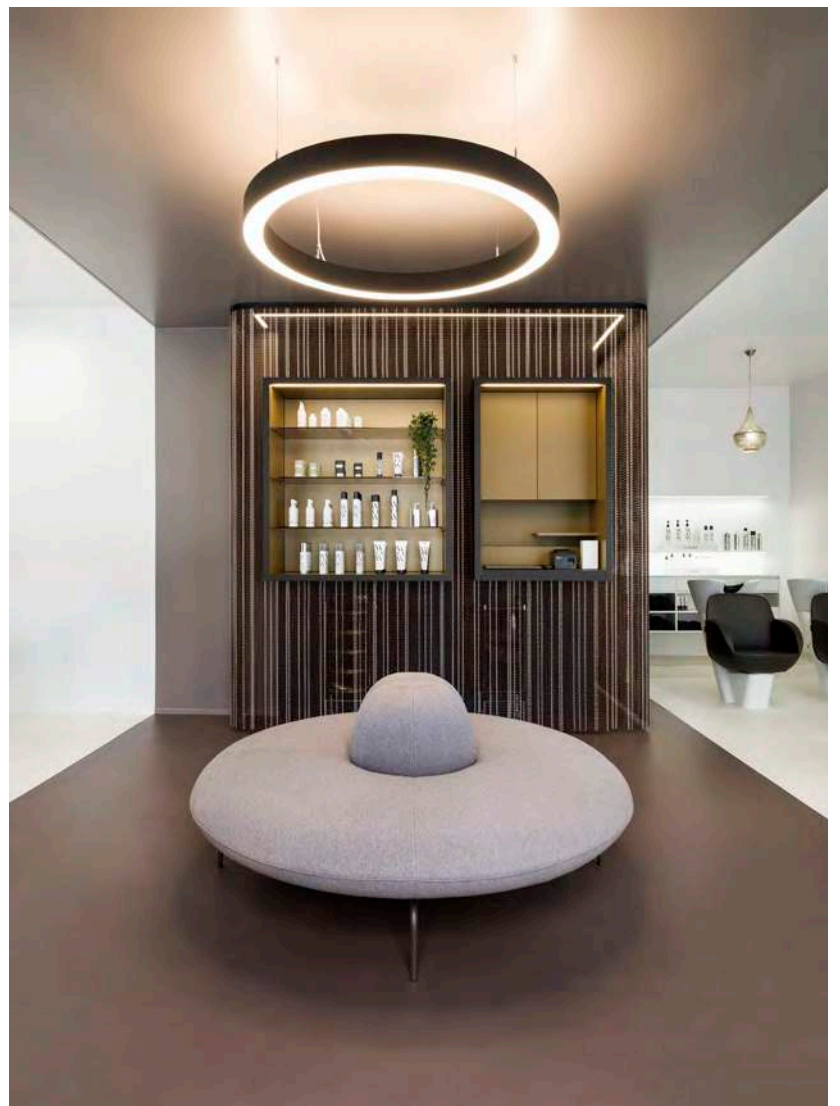


zenit S inset | p. 416

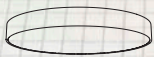








*sinus* | p. 276



*ophelia* | p. 228

Coiffeursalon Meli Giu, Foto: Andrin Winteler





metis | p. 374



Inspiration

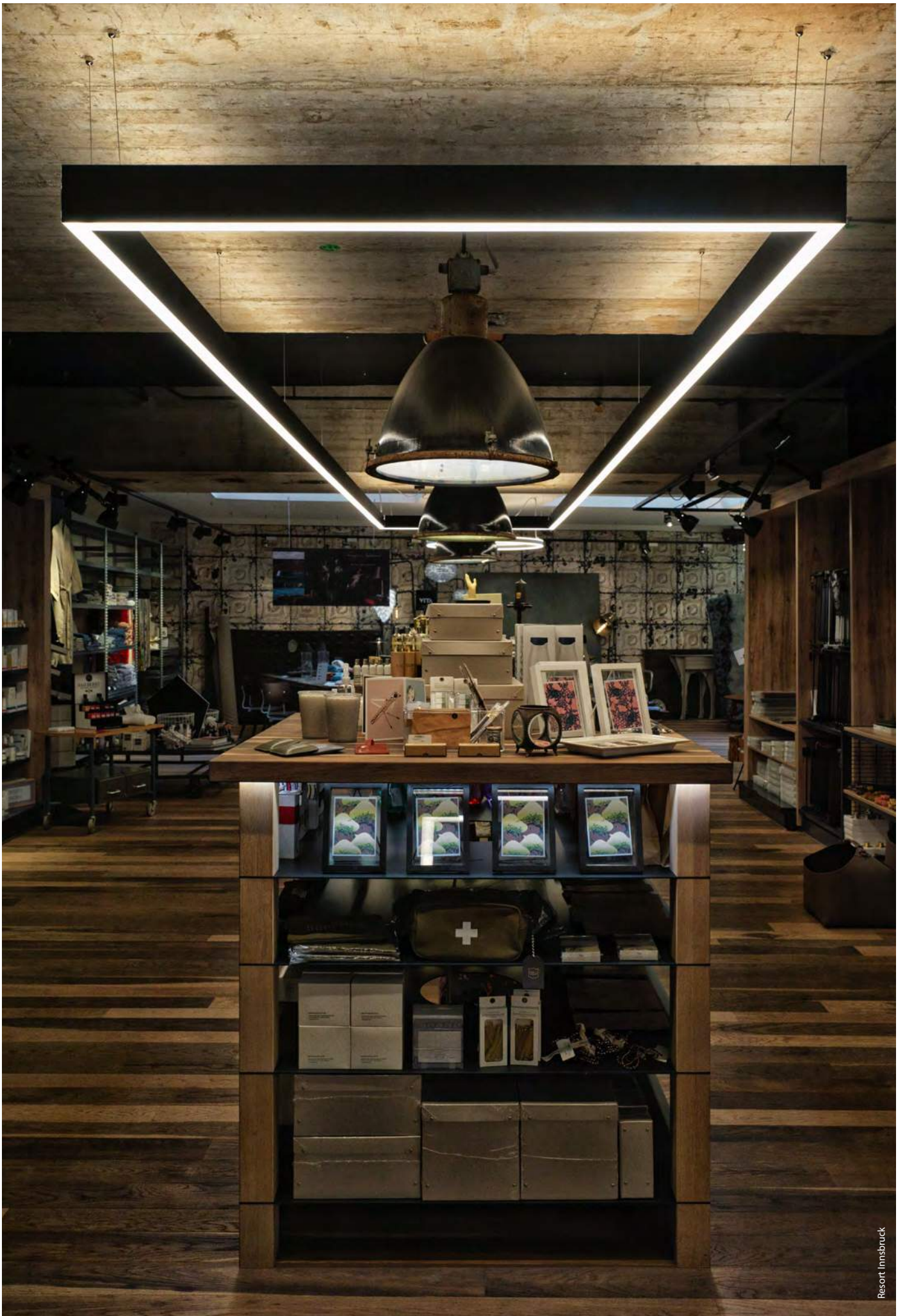


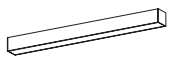


CREATE YOUR OWN  
MASTERPIECE

STICK+  
DRUCK





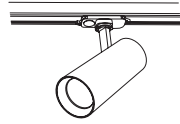


pure 3 | p. 260









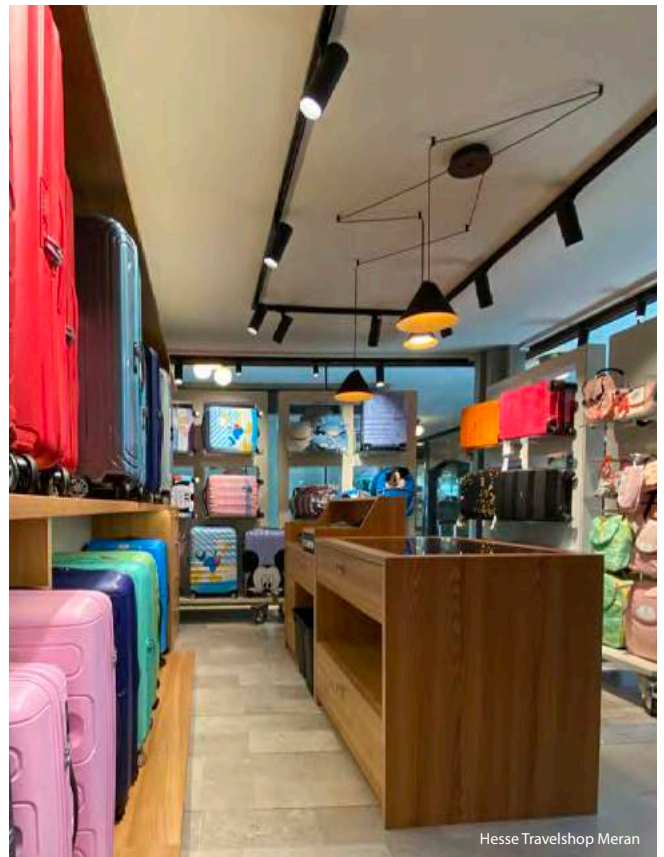
zenit M | p. 426



Schlafträume Graz, Foto: Alexander Künzel



Intersport Strasser Zell am Ziller



Hesse Travelshop Meran



Inspiration



meteor EB | p. 366



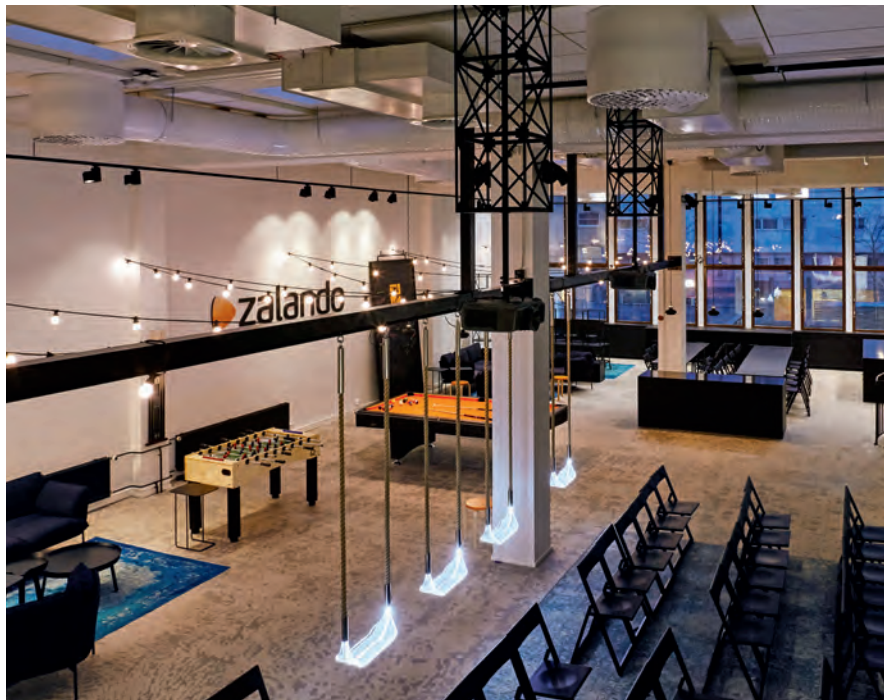
pure 3 | p. 260

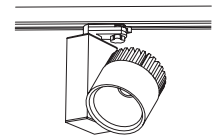


SCS Seiersberg, Fotos: Alexander Künzel



Zalando Finland





*meteor* | p. 432



*p.forty* | p. 258



# PRODUCT INSPIRATION

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Produktfamilien

*Product families*

*Famiglie di prodotti*

*Familles de produits*

1.4



**P.THIRTY** *NEW*  
minimalistic profile system  
p. 142



**P.FORTY**  
light technology meets eye comfort  
p. 148



**PURE 3**  
most flexible profile system  
p. 152



**QUADRO**  
design meets performance  
p. 156



**SINUS**  
rings, curves and acoustic luminaires  
p. 160



**HALO**  
atmospheric ring luminaire  
p. 164



**SQING**  
half square, half ring  
p. 168



**ODELIA** *NEW*  
the elegant surface luminaire  
p. 172



**OPHELIA** *NEW*  
ultra efficient round luminaire  
p. 176



**LILI**  
round recessed surface luminaire  
p. 182



**LILIBET** *NEW*  
round luminaire with iconic diffuser  
p. 184



**OLMO** *NEW*  
ultra efficient square luminaire  
p. 188



**SKAI**  
flat office design luminaire  
p. 194



**ANTO+**  
downlight as a piece of jewelry  
p. 200



**ZENIT** *NEW*  
designer's spot light family  
p. 204

**NEW**

suspended  
p. 256

# Minimalistic (31 mm) profile system

wall mounted  
p. 304

surface mounted  
p. 210

## MINIMALISTISCHES PROFIL-SYSTEM

Hohe Lichtleistung  
Hoher Sehkomfort  
Konstantstrom-Technik  
Direkt / Indirekte Beleuchtung  
Integriertes Vorschaltgerät  
Spritzwassergeschützte IP44-Variante  
Modulare Systemlösung  
Beleuchtete Endkappen verfügbar  
Gehäuse und Kabel-Farben

## SYSTÈME DE PROFILÉ MINIMALISTE

Haute puissance lumineuse  
Confort visuel élevé  
Technique à courant constant  
Éclairage direct / indirect  
Ballast intégré  
Variante IP44 protégée contre les  
projections d'eau  
Solution système modulaire  
Embouts éclairés  
Corps et couleurs de câbles

## SISTEMA DI PROFILI CON DESIGN MINIMALISTA

Resa luminosa elevata  
Comfort visivo elevato  
Tecnologia a corrente costante  
Luce diretta / indiretta  
Reattore integrato  
Versione con grado di protezione IP44  
resistente agli spruzzi d'acqua  
Soluzione con sistema modulare  
Calotte terminali illuminate  
Colori dell'alloggiamento e del cavo





**HIGH PERFORMANCE**

Basic illumination and workplace lighting in a minimalistic design



**EYE COMFORT**

Choose between homogenous opal diffusers and glare-free micro prism



**DIRECT / INDIRECT LIGHTING**

Optional indirect lighting within the same slim product design



**DRIVER INTEGRATED**

In all product versions, drivers are fully integrated inside the profile housing

**SPLASH WATER PROOF**

Available with IP44 rating for bath rooms



**MODULAR SYSTEM**

Connect different LED modules to create individual lighting solutions



**ILLUMINATED END CAPS**

U-Shaped diffusers can be equipped with illuminated end caps



**INDIVIDUAL COLOURS**

Housing, insets and power cables are available in different colors .

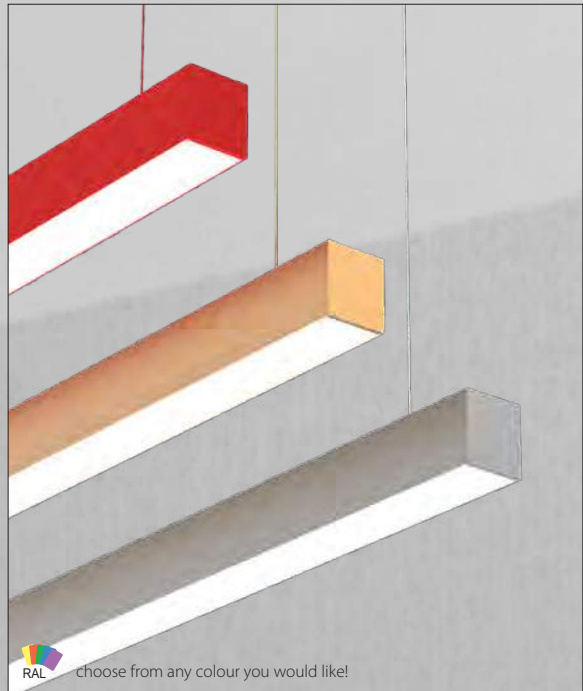


**4 DIFFERENT COVER STYLES**



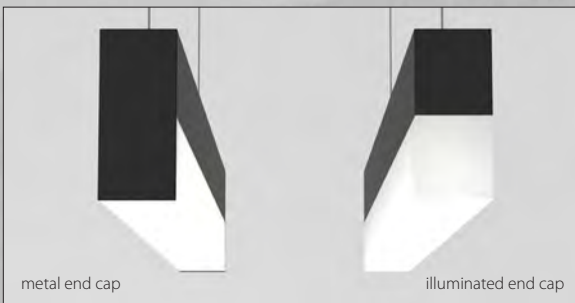
Opal, Micro Prism and special satiné diffusers

**THOUSANDS OF COLOUR COMBINATIONS**



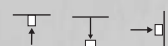
choose from any colour you would like!

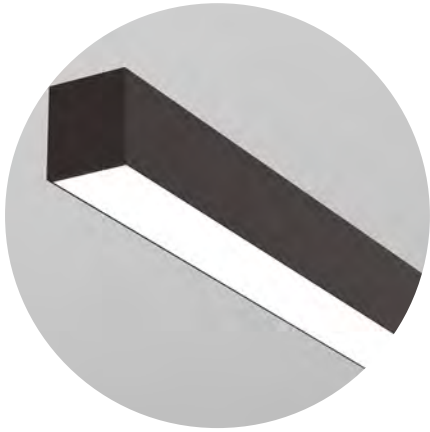
**SPECIAL END CAPS**



metal end cap

illuminated end cap





P.THIRTY surface mounted  
with standard diffuser  
page 210





P.THIRTY direct / indirect suspended  
with u-shaped diffuser  
page 256





Inspirations



surface mounted  
p. 214

suspended  
p. 258

recessed  
p. 332

## *Lighting technology meets eye comfort*



**LICHTTECHNOLOGIE  
TRIFFT SEHKOMFORT**  
Verschiedene Diffusoren  
Direkt / Indirekte Beleuchtung  
Hoher Sehkomfort  
Spotlight & Downlight Insets  
Dynamisches Weiß (2.700 - 6.500 K)  
Integrierter Sensor  
Notlicht  
Gehäuse & Kabel-Farben

**TECHNOLOGIE D'ÉCLAIRAGE  
ALLIÉE AU CONFORT VISUEL**  
Différents diffuseurs  
Éclairage direct / indirect  
Confort visuel élevé  
Spot et inserts downlight  
Blanc dynamique (2700 - 6500 K)  
Capteur intégré  
Éclairage de secours  
Corps et couleurs de câbles

**L'ILLUMINOTECNICA INCONTRA IL  
COMFORT VISIVO**  
Diversi tipi di diffusore  
Luce diretta / indiretta  
Comfort visivo elevato  
Inset per spot e downlight  
Bianco dinamico (2700 - 6500 K)  
Sensore integrato  
Luce di emergenza  
Alloggiamento e colori del cavo



**COVER**

Choose between opal diffuser, micro prism, extra comfort and asymmetric lens cover.



**DIRECT / INDIRECT LIGHTING**

Optional indirect lighting within the same slim product design.



**COMFORT PLUS**

An asymmetric lens cover provides homogenous wall illumination



**AVAILABLE INSETS**

Housing, insets and power cables are available in different colors.

**DYNAMIC WHITE**

Human centric lighting with tunable white from 2700 to 6500 Kelvin



**SENSOR**

Integrated daylight and motion sensors available for automated control



**EMERGENCY LIGHT**

Available with battery powered emergency light in case of power outage



**INDIVIDUAL COLOURS**

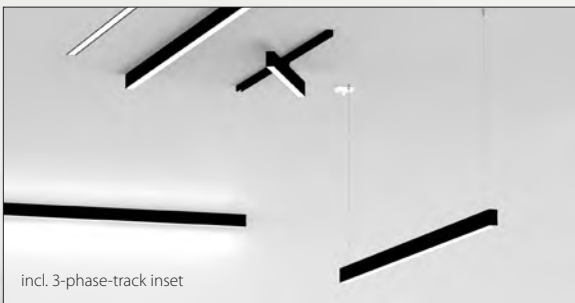
Housing, insets and power cables are available in different colors.



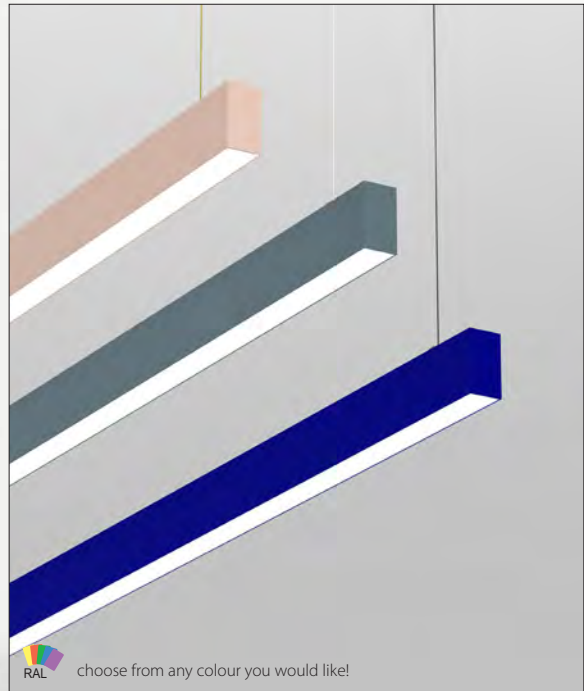
**AVAILABLE INSETS**

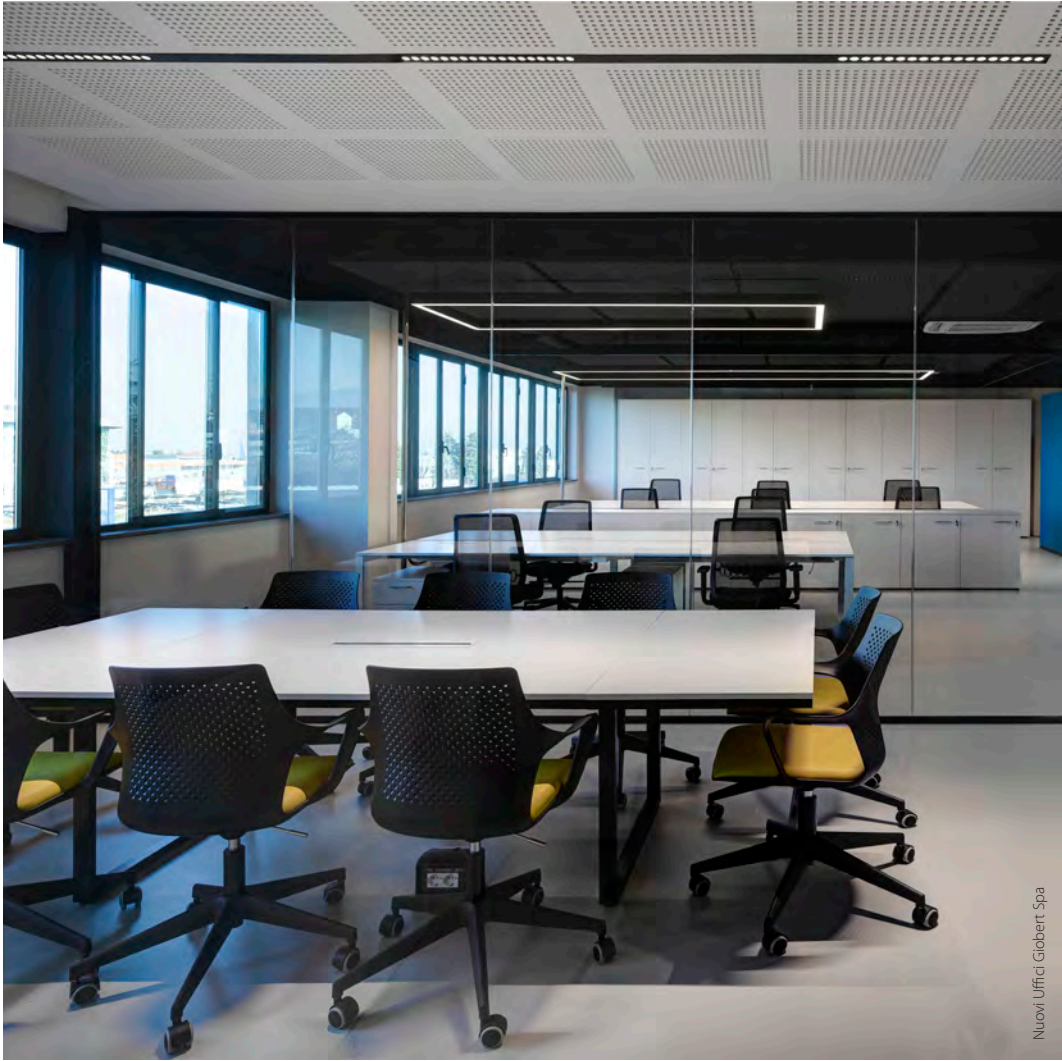


**5 DIFFERENT MOUNTING TYPES**



**THOUSANDS OF COLOUR COMBINATIONS**







surface mounted  
p. 216

suspended  
p. 260

recessed  
p. 334

Shape.

wall mounted  
p. 308



**PROFIL-SYSTEM  
FÜR HÖCHSTE FLEXIBILITÄT**  
Modulare Flexibilität  
Geliefert als Komplettleuchte  
Verschiedene Reflektoren  
Direkt / Indirekte Beleuchtung  
Dynamisches Weiß (2.700 - 6.500 K)  
Schmutz- & Insektengeschützt  
Integrierter Sensor  
Batteriebetriebenes Notlicht

**SYSTÈME DE PROFILÉ POUR UNE  
FLEXIBILITÉ MAXIMALE**  
Flexibilité modulaire  
Livré comme luminaire complet  
Différents réflecteurs  
Éclairage direct / indirect  
Blanc dynamique (2700 - 6500 K)  
Protection contre la saleté et les insectes  
Capteur intégré  
Éclairage de secours à batterie

**SISTEMA DI PROFILI PER LA MASSIMA  
FLESSIBILITÀ**  
Flessibilità modulare  
Fornito come dispositivo di illuminazione completo  
Riflettori di vario tipo  
Luce diretta / indiretta  
Bianco dinamico (2700 - 6500 K)  
A prova di sporcizia e insetti  
Sensore integrato  
Luce di emergenza a batteria



### MODULAR FLEXIBILITY

Create special lighting solutions by connecting lines and curves



### COMPLETE LUMINAIRE

Lighting solutions by PLANLICHT are fully assembled for easy mounting.



### REFLECTOR

Reflectors



### DIRECT / INDIRECT LIGHTING

Homogenous and soft illumination of rooms with optional indirect lighting

### DYNAMIC WHITE

Human centric lighting with tunable white from 2,700 to 6,500 Kelvin



### INSECTS PROOF

Maintenance free thanks to dust & insects proof housing



### SENSOR

Integrated daylight and motion sensors available for automated control

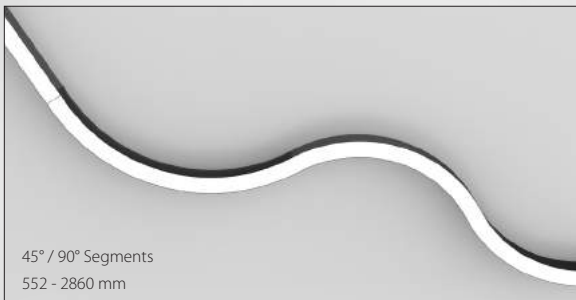


### EMERGENCY LIGHT

Available with battery powered emergency light in case of power outage



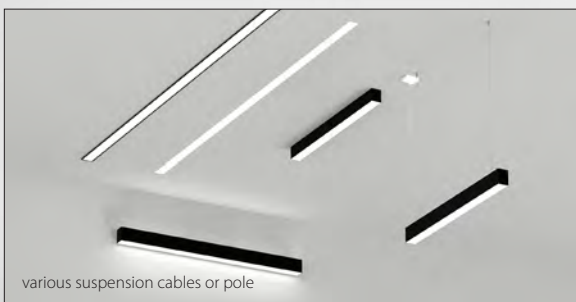
### LINES & CURVES COMBINATION



### THOUSANDS OF COLOUR COMBINATIONS



### MOUNTING TYPES









surface mounted  
p. 226

recessed  
p. 348

suspended  
p. 270

*Design meets  
performance.*

#### **DESIGN TRIFFT LEISTUNG**

Spezielles Raster-Design  
Diffuser und Mikroprisma erhältlich  
Spezielleuchte für Arbeitsplätze  
Direkt / Indirekte Beleuchtung  
Einfache Installation  
Dynamisches Weiß (2700 bis 6500 K)  
Spezielle Akustikversion  
Integrierter Sensor

#### **MARIAGE DU DESIGN ET DE LA PUISSANCE**

*Design à lamelles spécial  
Diffuseur et microprismes disponibles  
Luminaire spécial pour les postes de  
travail  
Éclairage direct / indirect  
Installation facile  
Blanc dynamique (2700 - 6500 K)  
Version acoustique spéciale  
Capteur intégré*

#### **IL DESIGN INCONTRA LA FUNZIONALITÀ**

*Speciale design griglia  
Sono disponibili diffusore e microprisma  
Lampade speciali per postazioni di  
lavoro  
Luce diretta / indiretta  
Installazione semplice  
Bianco dinamico (2700 - 6500 K)  
Versione acustica speciale  
Sensore integrato*





### SPECIAL LOUVRE DESIGN

The louvre designs are available in different effect colors



### DIFFERENT COVERS

Luminaire is also available with opal diffuser or micro prism



### OFFICE SPECIAL

Illumination from right and left sides to avoid shadows



### DIRECT / INDIRECT LIGHTING

Homogenous and soft illumination of rooms with optional indirect lighting

### QUICK MOUNTING

Recessed luminaire can be easily mounted with mounting brackets



### DYNAMIC WHITE

Human centric lighting with tunable white from 2,700 to 6,500 Kelvin



### QUADRO QUIET

Special acoustic versions provide excellent sound absorption

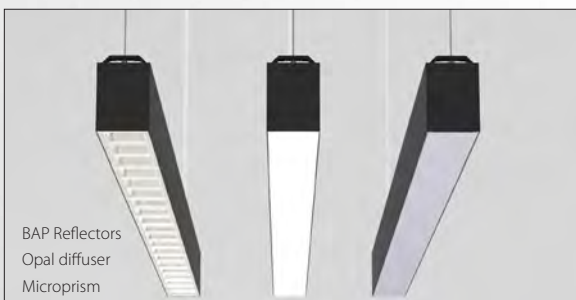


### SENSOR

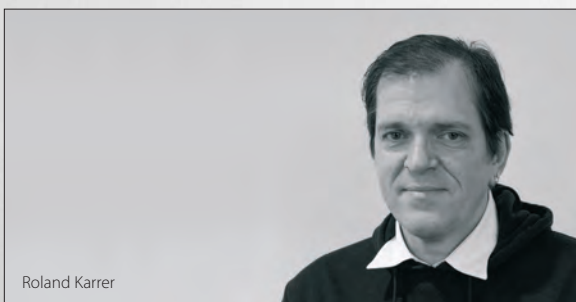
Integrated daylight and motion sensors available for automated control



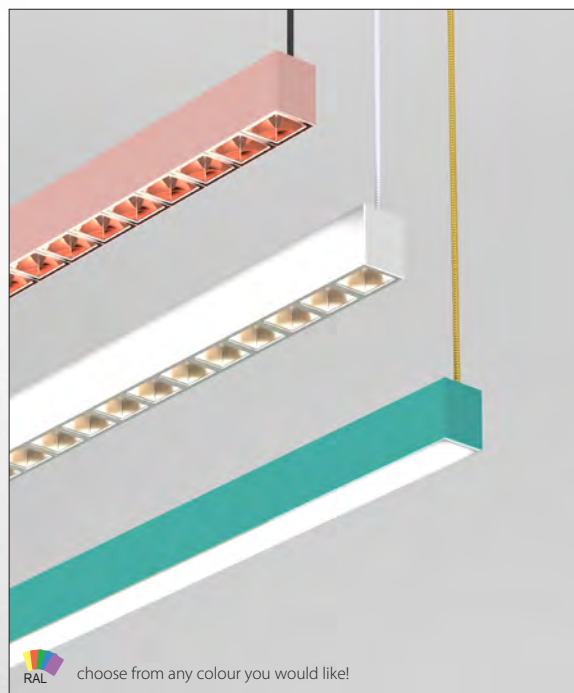
### 3 DIFFERENT OPTICS

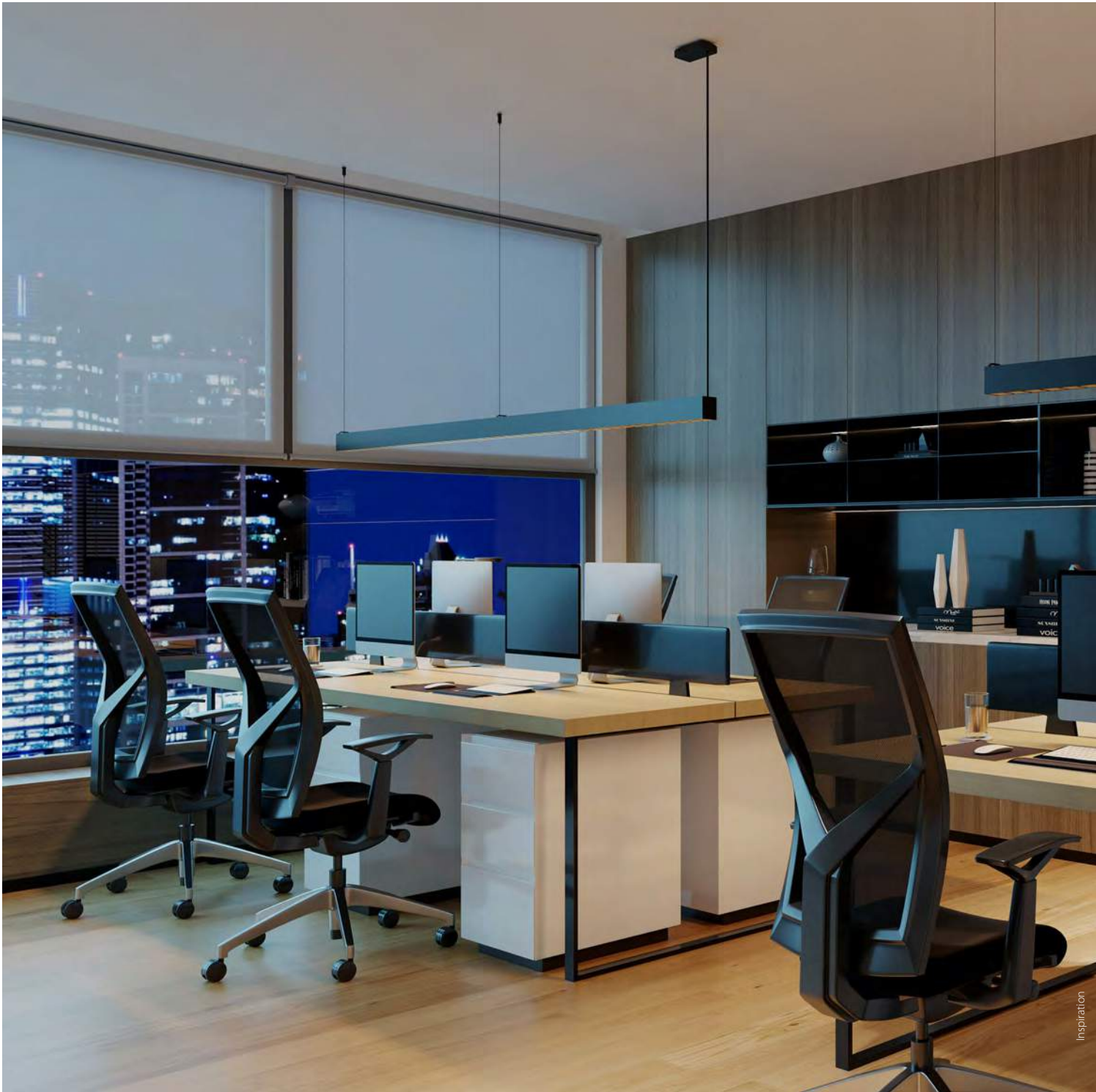


### THE DESIGNER



### THOUSANDS OF COLOUR COMBINATIONS





Inspiration

white  
9016

black  
9005

glaring  
gold

black chrome  
matte

high-gloss  
gold



QUADRO



gunnery  
grey

high-gloss  
copper

capital  
copper

silver  
matte

high-gloss  
silver



surface mounted  
p. 222

recessed  
p. 344

suspended  
p. 276

**LICHT ENTFESSELT.**

Kombinierbare Linien und Kurven  
Spezielle Akustikversion  
Direkt / Indirekte Beleuchtung  
Hoher Sehkomfort  
Dynamisches Weiß (2.700 - 6.500 K)  
Integrierter Sensor  
Batteriebetriebenes Notlicht  
Individuelle Housing & Kabelfarben

**DÉPLOIEMENT DE LUMIÈRE.**

Lignes et courbes combinables  
Version acoustique spéciale  
Éclairage direct / indirect  
Confort visuel élevé  
Blanc dynamique (2700 - 6500 K)  
Capteur intégré  
Éclairage de secours à batterie  
Corps individuel et couleurs de câbles

**LUCE SCATENATA.**

Possibilità di combinare linee e curve  
Versione acustica speciale  
Luce diretta / indiretta  
Comfort visivo elevato  
Bianco dinamico (2700 - 6500 K)  
Sensore integrato  
Luce di emergenza a batteria  
Colori personalizzati dell'alloggiamento  
e del cavo

*Lighting unleashed.*



### LINES & CURVES

Sinus can perfectly combined with lines of the pure3 profile system



### ACOUSTIC LIGHTING

Special acoustic versions provide excellent sound absorption



### DIRECT / INDIRECT LIGHTING

Homogenous and soft illumination of rooms with optional indirect lighting



### EYE COMFORT

Choose between homogenous opal diffusers and glare-free micro prism

### DYNAMIC WHITE

Human centric lighting with tunable white from 2,700 to 6,500 Kelvin



### SENSOR

Integrated daylight and motion sensors available for automated control



### EMERGENCY LIGHT

Available with battery powered emergency light in case of power outage



### INDIVIDUAL COLOURS

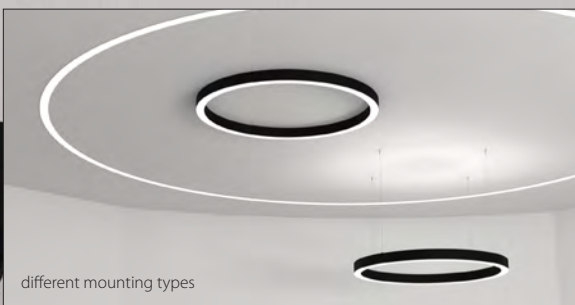
Housing, insets and power cables are available in different colors.



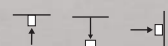
### COMBINE LINES & CURVES



### MIX & MATCH




### THOUSANDS OF COLOUR COMBINATIONS











surface mounted  
p. 224

#### ATMOSPÄRE SCHAFFEN

Herausragender Diffuser  
Nathlos verarbeitetes Gehäuse  
Gehäuse- und Kabelfarben  
German Design Award 2015  
Vier verschiedene Größen  
Verschiedene Baldachine  
Dynamisches Weiß (2.700 - 6.500 K)  
Geschützt vor Schmutz & Insekten

#### CRÉER UNE AMBIANCE PARTICULIÈRE

Diffuseur extraordinaire  
Corps sans soudure  
Couleurs de corps et de câbles  
German Design Award 2015  
Quatre tailles différentes  
Différents baldaquins  
Blanc dynamique (2700 - 6500 K)  
Protection contre la saleté et les insectes

#### PER CREARE LA GIUSTA ATMOSFERA

Diffusore di eccellenza  
Alloggiamento con lavorazione priva di giunti  
Colori dell'alloggiamento e del cavo  
German Design Award 2015  
Quattro diversi formati  
Diversi tipi di rosone  
Bianco dinamico (2700 - 6500 K)  
A prova di sporcizia e insetti



suspended  
p. 280

## Creating atmosphere





#### LATERAL DIFFUSER

An iconic diffuser draws an illuminated ring on top and bottom side



#### SEAMLESS FRAME/FRAMELESS

Our sophisticated production process ensure seamlessly welded housings



#### INDIVIDUAL COLOURS

Housing, insets and power cables are available in different colors .



#### GERMAN DESIGN AWARD

The iconic design luminaire received the German Design Award of 2015

#### 4 DIMENSIONS

Luminaire is available in different sizes which can be perfectly mixed

4

#### DIFFERENT CANOPY TYPES

Choose between central and vertical suspension



#### DYNAMIC WHITE

Human centric lighting with tunable white from 2,700 to 6,500 Kelvin



#### INSECTS PROOF

Maintenance free thanks to dust & insects proof housing



#### 4 DIFFERENT SIZES



#### THE DESIGNER



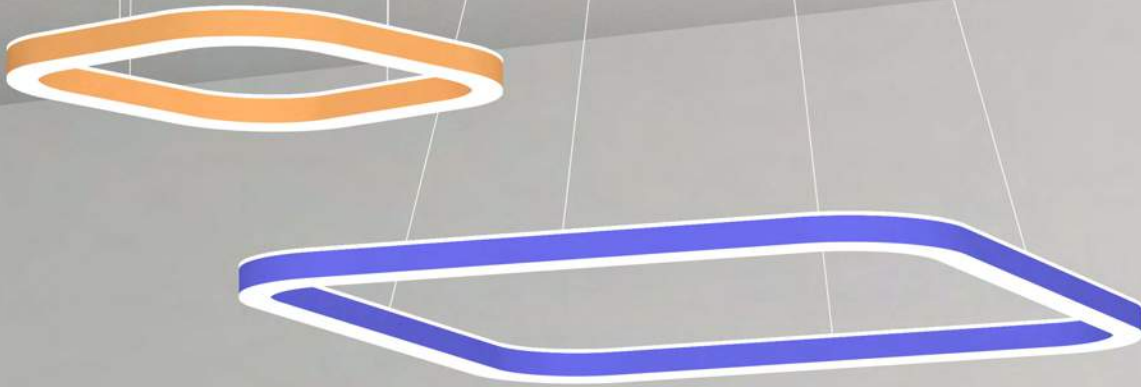
#### THOUSANDS OF COLOUR COMBINATIONS





inspirations





suspended  
p. 282

*Half square. Half ring.  
This is sqing!*



**DER RING ZUM QUADRAT**  
Herausragender Diffuser  
Nathlos verarbeitetes Gehäuse  
Gehäuse- und Kabelfarben  
Basierend auf Designikone HALO  
3 verschiedene Größen  
Verschiedene Baldachine  
Dynamisches Weiß (2.700 - 6.500 K)  
Geschützt vor Insekten

**LA QUADRATURE DU CERCLE**  
Diffuseur extraordinaire  
Corps sans soudure  
Corps et couleurs de câbles  
Basé sur l'icône de design HALO  
3 tailles différentes  
Différents baldaquins  
Blanc dynamique (2700 - 6500 K)  
Protection les insectes

**LA QUADRATURA DEL CERCHIO**  
Diffusore di eccellenza  
Alloggiamento con lavorazione priva  
di giunti  
Alloggiamento e colori del cavo  
Basato sul design iconico di HALO  
3 diversi formati  
Diversi tipi di rosone  
Bianco dinamico (2700 - 6500 K)  
A prova e insetti



**LATERAL DIFFUSER**

An iconic diffuser draws an illuminated ring on top and bottom side



**SEAMLESS FRAME/FRAMELESS**

Our sophisticated production process ensure seamlessly welded housings



**INDIVIDUAL COLOURS**

Housing, insets and power cables are available in different colors



**BASED ON HALO**

Based on HALO, our award winning design luminaire by Nina Mair

**3 DIMENSIONS**

Luminaire is available in different sizes which can be perfectly mixed



**DIFFERENT CANOPY TYPES**

Choose between central and vertical suspension



**DYNAMIC WHITE**

Human centric lighting with tunable white from 2,700 to 6,500 Kelvin



**INSECTS PROOF**

Maintenance free thanks to dust & insects proof housing



**3 DIFFERENT SIZES**



**THE DESIGNER**



**THOUSANDS OF COLOUR COMBINATIONS**









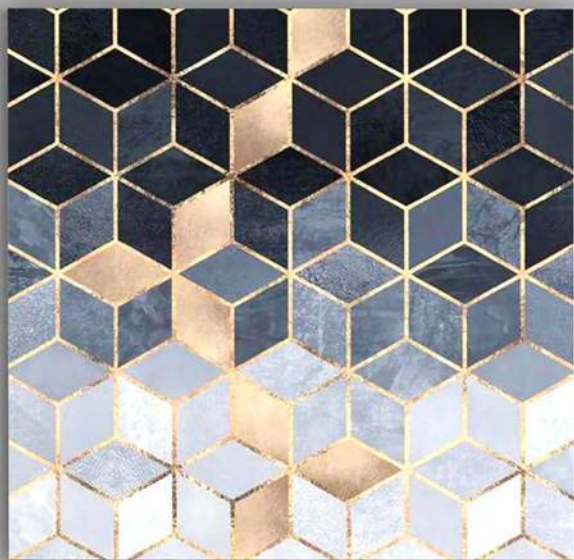
**NEW**



surface mounted  
p. 232



suspended  
p. 288



wall mounted  
p. 316

*Pure elegance.*





### ELEGANT DESIGN

Iconic unicolor and bicolor design with special frame



### ENERGY EFFICIENCY

Luminaire provides very high light output at low power usage



### DIRECT / INDIRECT LIGHTING

Luminaire is available with active indirect lighting and passive aura effect



### EYE COMFORT

Perfect eye comfort with optional microprism diffusers

### CLICK & PLAY

Easy surface mounting: Just press the housing on the canopy with a click!



### DUST & INSECTS PROOF

Luminaire is protected against dust and insects.



### DYNAMIC WHITE

Human centric lighting with tunable white from 2,700 to 6,500 Kelvin



### SENSOR

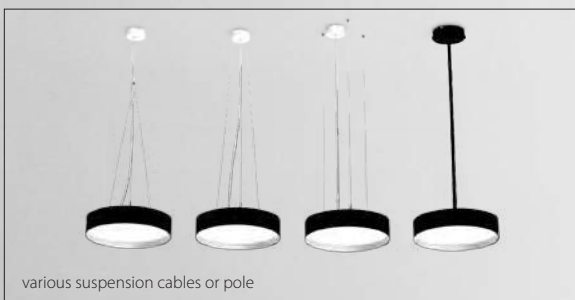
Integrated daylight and motion sensors available for automated control



### 3 DIFFERENT SIZES



### 4 DIFFERENT SUSPENSION TYPES



### THOUSANDS OF COLOUR COMBINATIONS





#### PURE ELEGANZ

Eleganter Design-Rahmen  
Hohe Energie-Effizienz  
Direkt / Indirekte Beleuchtung  
Hoher Sehkomfort  
Einfache Click & Play Installation  
Schmutz- und Insektenschutz  
Dynamisches Weiß (2.700 - 6.500 K)  
Integrierter Sensor

#### ÉLÉGANCE PURE

Cadre design élégant  
Haute efficacité énergétique  
Éclairage direct / indirect  
Confort visuel élevé  
Installation facile Click & Play  
Protection contre la saleté et les insectes  
Blanc dynamique (2700 - 6500 K)  
Capteur intégré

#### ELEGANZA AUTENTICA

Cornice dal design elegante  
Elevata efficienza energetica  
Luce diretta / indiretta  
Comfort visivo elevato  
Installazione semplice click & play  
Protezione da sporcizia e insetti  
Bianco dinamico (2700 - 6500 K)  
Sensore integrato





**NEW**

surface mounted  
p. 228

suspended  
p. 284

wall mounted  
p. 312

*Simplicity.*

**EINFACH SCHÖN**

Hohe Energieeffizienz  
Direkt / Indirekte Beleuchtung  
Spritzwassergeschützte Version  
Schmutz- und Insektenschutz  
Einfache Click & Play Installation  
Dynamisches Weiß (2.700 - 6.500 K)  
Integrierter Sensor  
Batteriebetriebenes Notlicht

**SIMPLEMENT BEAU**

Haute efficacité énergétique  
Éclairage direct / indirect  
Version avec protection contre les  
projections d'eau  
Protection contre la saleté et les insectes  
Installation facile Click & Play  
Blanc dynamique (2700 - 6500 K)  
Capteur intégré  
Éclairage de secours à batterie

**BELLEZZA PURA**

Elevata efficienza energetica  
Luce diretta / indiretta  
Versione resistente agli spruzzi d'acqua  
Protezione da sporcizia e insetti  
Installazione semplice click & play  
Bianco dinamico (2700 - 6500 K)  
Sensore integrato  
Luce di emergenza a batteria





### ENERGY EFFICIENCY

Luminaire provides very high light output at low power usage



### DIRECT / INDIRECT LIGHTING

Luminaire is available with active indirect lighting and passive aura effect



### SPLASH WATER PROOF

Available with IP44 rating for bath rooms



### DUST & INSECTS PROOF

Luminaire is protected against dust and insects

### CLICK & PLAY

Easy surface mounting: Just press the housing on the canopy with a click!



### DYNAMIC WHITE

Human centric lighting with tunable white from 2700 to 6500 Kelvin



### SENSOR

Integrated daylight and motion sensors available for automated control

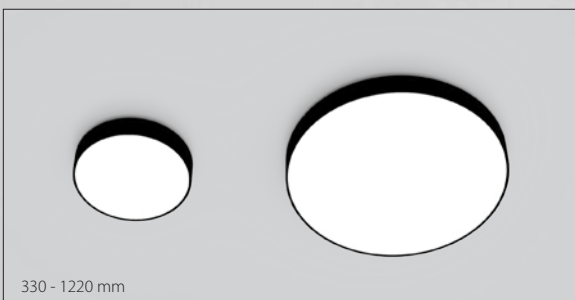


### EMERGENCY LIGHT

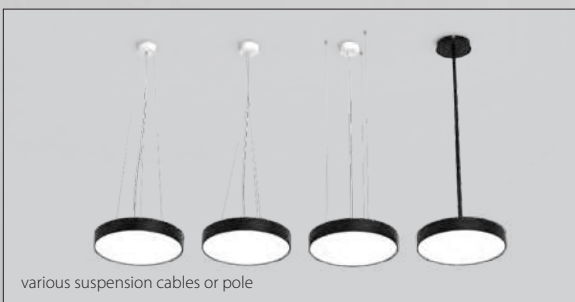
Available with battery powered emergency light in case of power outage



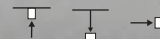
### 5 DIFFERENT SIZES



### 4 DIFFERENT SUSPENSION TYPES



### THOUSANDS OF COLOUR COMBINATIONS



## CLICK & PLAY



*Mounting and dismounting of surface luminaires has never been so easy!*

*OPHELIA's sophisticated CLICK & PLAY connector incorporates a three/five-pin connector. It allows you to plug in the luminaire by just pressing the housing onto the mounted canopy with three clicks.*

*Unlock the housing from the canopy by rotating it to the right. If mounted on walls, a specially developed accessory must be used as a dismount-lock!*





ACBETH

THE EDGE OF THE WORLD

VIRGILIUS SARRACINI

GRILL SPINA FERRIO

CHIC CLICKS  
POSTERS THE BEST PICTURES  
darryl carter the collected home  
Outside the Box  
THE ALLURE OF FRENCH AND ITALIAN DECOR  
2012  
GABRIEL  
TESTINO PORTRAITS

CHIC CLICKS  
POSTERS THE BEST PICTURES  
darryl carter the collected home  
Outside the Box  
THE ALLURE OF FRENCH AND ITALIAN DECOR  
2012  
TESTINO PORTRAITS

FLAT ARMY PONTFRAC









recessed  
p. 350

*Solidity embedded.*

**EINFACH EINGEBETTET**

Homogene Ausleuchtung  
6 verschiedene Größen  
Nahtlos verarbeitete Gehäuse  
Individuelle Rahmenfarben  
Geringe Installationstiefe  
Dynamisches Weiß (2.700 - 6.500 K)  
Identische Leuchtdichte  
Batteriebetriebenes Notlicht

**FACILEMENT INTÉGRÉ**

Éclairage homogène  
6 tailles différentes  
Corps sans soudure  
Couleurs de cadre individuelles  
Faible profondeur d'installation  
Blanc dynamique (2700 - 6500 K)  
Luminance identique  
Éclairage de secours à batterie

**SEMPLICE DA INCASSARE**

Illuminazione omogenea  
6 diversi formati  
Alloggiamento con lavorazione priva  
di giunti  
Colori della cornice personalizzati  
Profondità di installazione ridotta  
Bianco dinamico (2700 - 6500 K)  
Luminanza identica  
Luce di emergenza a batteria





**HOMOGENOUS LIGHTING**

Luminaire provides diffuse and homogenous illumination for any room



**DIMENSIONS**

Six different sizes



**SEAMLESS FRAME/FRAMELESS**

Our sophisticated production process ensure seamlessly welded housings



**INDIVIDUAL COLOURS**

Frame available in different colors RAL and special colors

**LOW MOUNTING DEPTH**

Smart design only requires 115 cm to install



**DYNAMIC WHITE**

Human centric lighting with tunable white from 2700 to 6500 Kelvin



**IDENTICAL LUMINANCE**

All luminaire versions and sizes provide identical light density



**EMERGENCY LIGHT**

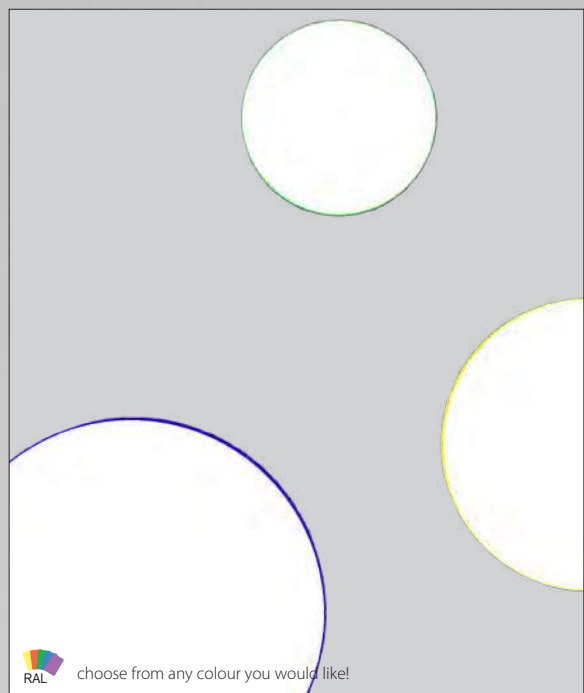
Available with battery powered emergency light in case of power outage



**6 DIFFERENT SIZES**



**INDIVIDUAL FRAME COLOURS**



**DIFFERENT OPTICS**



**NEW**



suspended  
p. 292

*That certain something.*



**DIE FLÄCHENLEUCHTE  
MIT DEM GEWISSEN ETWAS**  
Herausragendes Diffuserdesign  
Homogene Ausleuchtung  
Direkt / Indirekte Beleuchtung  
Hohe Energieeffizienz  
Einfache Click & Play Installation  
Spritzwassergeschützte Version  
Dynamisches Weiß (2.700 - 6.500 K)  
Batteriebetriebenes Notlicht

**LE LUMINAIRE DE SURFACE AVEC UN  
PETIT PLUS**

*Diffuseur au design extraordinaire  
Éclairage homogène  
Éclairage direct / indirect  
Haute efficacité énergétique  
Installation facile Click & Play  
Version avec protection contre les  
projections d'eau  
Blanc dynamique (2700 - 6500 K)  
Éclairage de secours à batterie*

**LA LAMPADA PIANA CON QUEL  
CERTO NON SO CHE**

*Diffusore con design eccezionale  
Illuminazione omogenea  
Luce diretta / indiretta  
Elevata efficienza energetica  
Installazione semplice click & play  
Versione resistente agli spruzzi d'acqua  
Bianco dinamico (2700 - 6500 K)  
Luce di emergenza a batteria*



### SPECIAL DESIGN DIFFUSER

The outstanding diffuser makes the luminaire a unique design highlight



### HOMOGENOUS LIGHTING

Luminaire provides diffuse and homogenous illumination for any room



### DIRECT / INDIRECT LIGHTING

Luminaire is available with active indirect lighting



### ENERGY EFFICIENCY

Luminaire provides very high light output at low power usage

### CLICK & PLAY

Easy surface mounting: Just press the housing on the canopy with a click!



### SPLASH WATER PROOF

Available with IP44 rating for bath rooms



### DYNAMIC WHITE

Human centric lighting with tunable white from 2700 to 6500 Kelvin

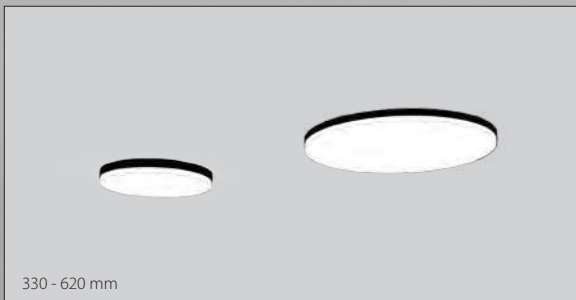


### EMERGENCY LIGHT

Available with battery powered emergency light in case of power outage



### 3 DIFFERENT SIZES



### 25 MIO. HOUSING AND CABLE COLOUR COMBINATIONS



### DIFFERENT MOUNTING & SUSPENSION TYPES









**NEW**

suspended  
p. 294

*Square shaped  
efficiency.*



wall mounted  
p. 322



**ENERGIE EFFIZIENZ  
ZUM QUADRAT**  
Hohe Energieeffizienz  
Direkt / Indirekte Beleuchtung  
Schmutz- und Insekten sicher  
Adjustierbar nach Montage  
Click & Play Installation  
Integrierter Sensor  
Batteriebetriebenes Notlicht

**EFFICACITÉ ÉNERGÉTIQUE  
DOUBLEMENT ÉLEVÉE**  
Haute efficacité énergétique  
Éclairage direct / indirect  
Protection contre la saleté et  
les insectes  
Ajustable après montage  
Installation facile Click & Play  
Capteur intégré  
Éclairage de secours à batterie

**EFFICIENZA ENERGETICA  
AL QUADRATO**  
Elevata efficienza energetica  
Luce diretta / indiretta  
A prova di sporcizia e insetti  
Regolabile dopo il montaggio  
Installazione semplice click & play  
Sensore integrato  
Luce di emergenza a batteria





### ENERGY EFFICIENCY

Luminaire provides very high light output at low power usage



### DIRECT / INDIRECT LIGHTING

Luminaire is available with active indirect lighting and passive aura effect



### DUST & INSECTS PROOF

Maintenance free thanks to dust & insects proof housing



### ADJUSTABLE

Housing can be rotated and aligned after mounting

### CLICK & PLAY

Easy surface mounting: Just press the housing on the canopy with a click!



### DYNAMIC WHITE

Human centric lighting with tunable white from 2,700 to 6,500 Kelvin



### SENSOR

Integrated daylight and motion sensors available for automated control

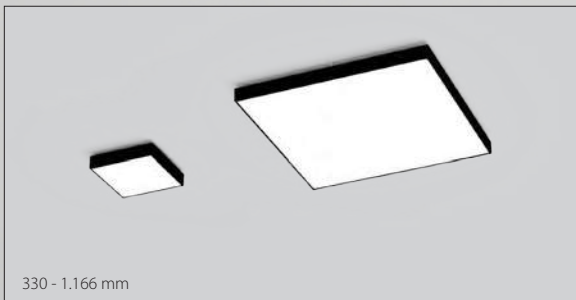


### EMERGENCY LIGHT

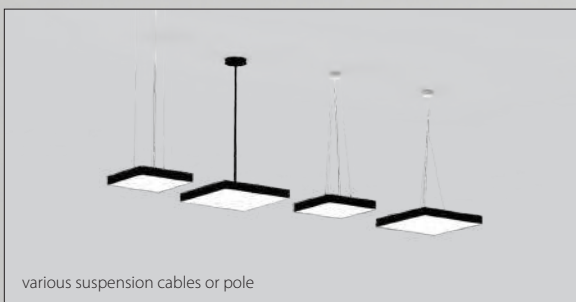
Available with battery powered emergency light in case of power outage



### 5 DIFFERENT SIZES



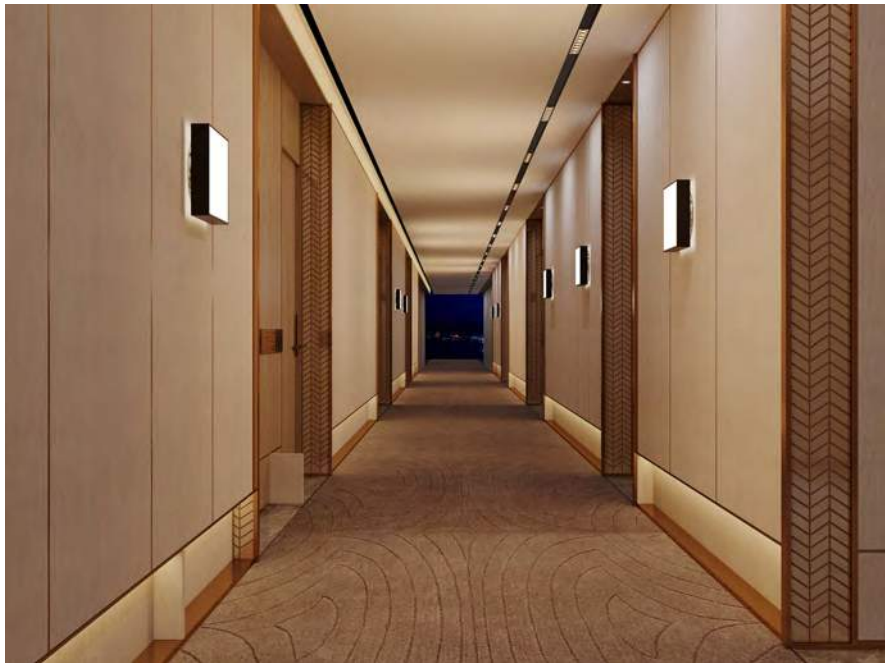
### DIFFERENT MOUNTING & SUSPENSION TYPES



### 25 MIO. HOUSING AND CABLE COLOUR COMBINATIONS









Inspirations







suspended  
p. 298

*Flat design.  
Power machine.*





**UNIQUE LENS TECHNOLOGY**

Up to 160 lenses provide an ideal mix of directional light diffuse light



**UGR<16**

Glare free eye comfort for every workspace



**INTEGRATED DRIVER**

Luminaire comes with minimalistic baldachin thanks to smart design



**INTEGRATED FEED-INS**

Suspension cable can be integrated within the power cable.

**DIRECT / INDIRECT LIGHTING**

Light up the room with optional indirect lighting



**DYNAMIC WHITE**

Human centric lighting with tunable white from 2,700 to 6,500 Kelvin



**CABLE**

Available with transparent power cable or one of 6 textile cables



**INDIVIDUAL COLOURS**

Housing, insets and power cables are available in different colors



**ULTRA SLIM DESIGN**



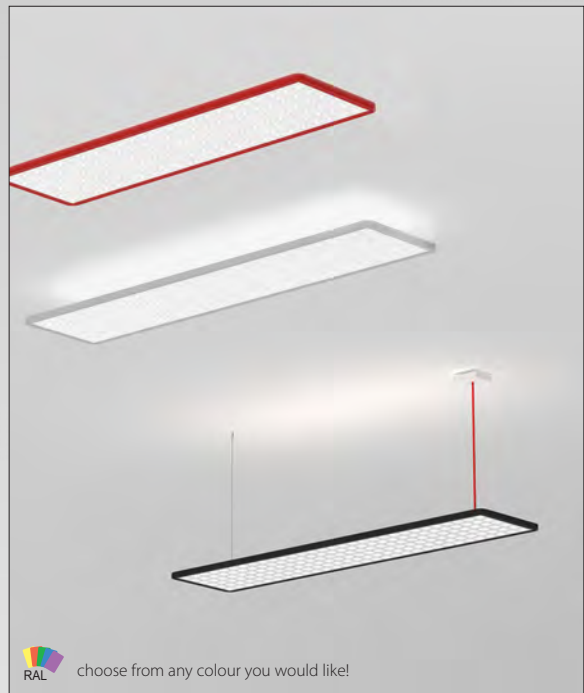
18 mm flat housing

**THE DESIGNER**



Kai Stania

**THOUSANDS OF HOUSING AND CABLE COLOUR COMBINATIONS**



choose from any colour you would like!







**DIE LICHTMASCHINE  
IM FLACHEN DESIGN.**

Einzigartige Linsen-Technologie  
Blendfrei (UGR < 16)  
Integriertes Vorschaltgerät  
Kabelintegrierte Seilabhängung  
Direkt / Indirekte Beleuchtung  
Dynamisches Weiß (2.700 - 6.500 K)  
Individuelle Kabelfarben  
Individuelle Gehäusefarben

**LE LUMINAIRE  
AU DESIGN PLAT.**

Technologie de lentilles exceptionnelle  
Sans éblouissement (UGR < 16)  
Ballast intégré  
Câble de suspension intégré au câble  
électrique  
Éclairage direct / indirect  
Blanc dynamique (2700 - 6500 K)  
Couleurs de câble individuelles  
Couleurs de corps individuelles

**DISPOSITIVO DI ILLUMINAZIONE  
CON DESIGN PIANO.**

Lenti con tecnologia unica nel loro  
genere  
Antiabbagliamento (UGR < 16)  
Reattore integrato  
Sospensione a fune integrata nel cavo  
Luce diretta / indiretta  
Bianco dinamico (2700 - 6500 K)  
Colori del cavo personalizzati  
Colori dell'alloggiamento  
personalizzati







Inspiration



surface mounted  
p. 244

---



recessed frame  
p. 358

---



recessed frameless  
p. 358

---

*Like jewellery  
in lighting design.*



### ICONIC LENS TUBE & MASK

Choose from different metallic colors and create your unique master piece



### UGR<16

Sophisticated lens technology provides glare-free eye-comfort



### DIFFERENT LENSES

Different beam angles and oval shapes to illuminate floors and walls



### CRI>90

The color rendering index of this luminaire provides natural colors

### EASY MOUNTING

Recessed versions can be easily installed with mounting brackets



### INSETS

ANTO+ downlight is also available for PURE3 and PFORTY profile systems



### DYNAMIC WHITE

Human centric lighting with tunable white from 2,700 to 6,500 Kelvin

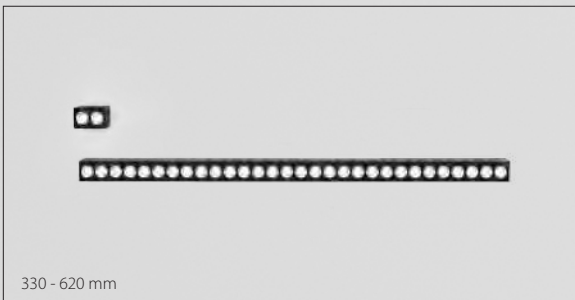


### INDIVIDUAL COLOURS

Housing, insets and power cables are available in different colors .



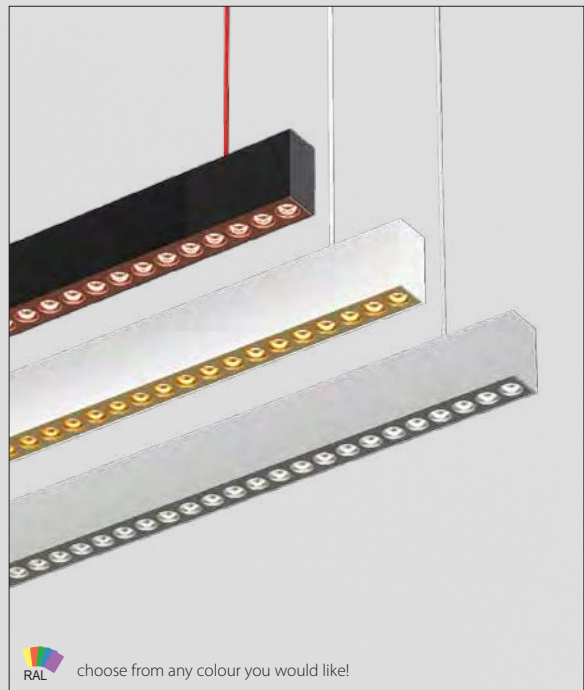
### 5 DIFFERENT SIZES & VARIOUS PROFILE INSETS



### DIFFERENT MOUNTING TYPES



### 25 MIO. HOUSING AND CABLE COLOUR COMBINATIONS





#### **DAS DOWNLIGHT JUWEL**

Ikonischer Linsentubus & Maske  
 Blendfrei (UGR < 16)  
 Verschiedene Linsen  
 Natürliche Farbwiedergabe (CRI > 90)  
 Einfache Installation  
 Inserts für Profilsysteme  
 Dynamisches Weiß (2.700 - 6.500 K)  
 Individuelle Farben

#### **LE RAVISSANT DOWNLIGHT**

Tube de lentille emblématique et masque  
 Sans éblouissement (UGR < 16)  
 Différentes lentilles  
 Rendu naturel des couleurs (IRC > 90)  
 Installation facile  
 Inserts pour systèmes de profilé  
 Blanc dynamique (2700 - 6500 K)  
 Couleurs individuelles

#### **IL DOWNLIGHT GIOIELLO**

Tube della lente iconico e maschera  
 Antiabbagliamento (UGR < 16)  
 Diversi tipi di lenti  
 Resa cromatica naturale (CRI > 90)  
 Installazione semplice  
 Inset per sistemi di profili  
 Bianco dinamico (2700 - 6500 K)  
 Colori personalizzati





black 9005



white 9016



gunnery grey



black chrome matte



glaring gold



high-gloss gold



capital copper



high-gloss copper



silver matte



high-gloss silver



**NEW**

**DIE STRAHLER FAMILIE  
DER DESIGN-AFFINEN**  
Spezielle Lichtfarben  
Hohe Lichtleistung  
Drehbar  
Schwenkbar  
Spezielle Optiken  
Insets für Profilsysteme  
Integriertes Vorschaltgerät  
Individuelle Gehäusefarben

**LA FAMILLE DE SPOTS  
DES ADEPTE DU DESIGN**  
*Couleurs de la lumière spéciales*  
*Haute puissance lumineuse*  
*Tournant*  
*Pivotant*  
*Optiques spéciales*  
*Inserts pour systèmes de profilé*  
*Ballast intégré*  
*Couleurs de corps individuelles*

**LA FAMIGLIA DI FARETTI  
DEI DESIGN-AFFINE**  
*Colori di luce speciali*  
*Resa luminosa elevata*  
*Ruotabile*  
*Girevole*  
*Sistemi ottici speciali*  
*Inset per sistemi di profili*  
*Reattore integrato*  
*Colori dell'alloggiamento  
personalizzati*

for 3-phase-track  
p. 426

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## *Designer's spotlight family*



### SPECIAL LIGHT COLORS

Special LED versions available for fashion, bread, meat and other settings



### ENERGY EFFICIENCY

Luminaire provides very high light output at low power usage



### SWIVELING

Spotlight can be individually adjusted by rotating it up to 355°.



### TILT

Adjust the tilt angle by up to 90° to find the right focus

### SPECIAL OPTICS

Choose from different reflectors, lenses including honeycomb lens



### INSETS

ZENIT is also available for PURE3, PFORTY and 3-Phase-Tracks .



### DRIVER INTEGRATED

New ZENIT M comes with integrated driver and yet minimalistic design



### INDIVIDUAL COLOURS

Housing, insets and power cables are available in different colors .

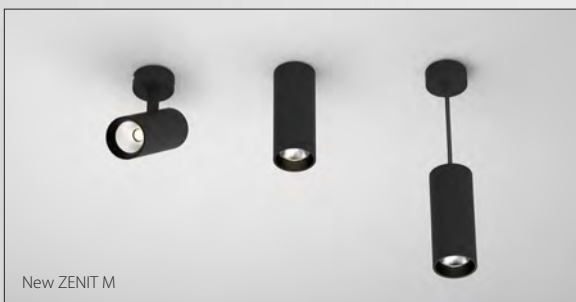


### DIFFERENT SIZES



zenit M, N and S

### MOUNTING TYPES FOR ZENIT M



New ZENIT M

### 25 MIO. HOUSING AND CABLE COLOUR COMBINATIONS

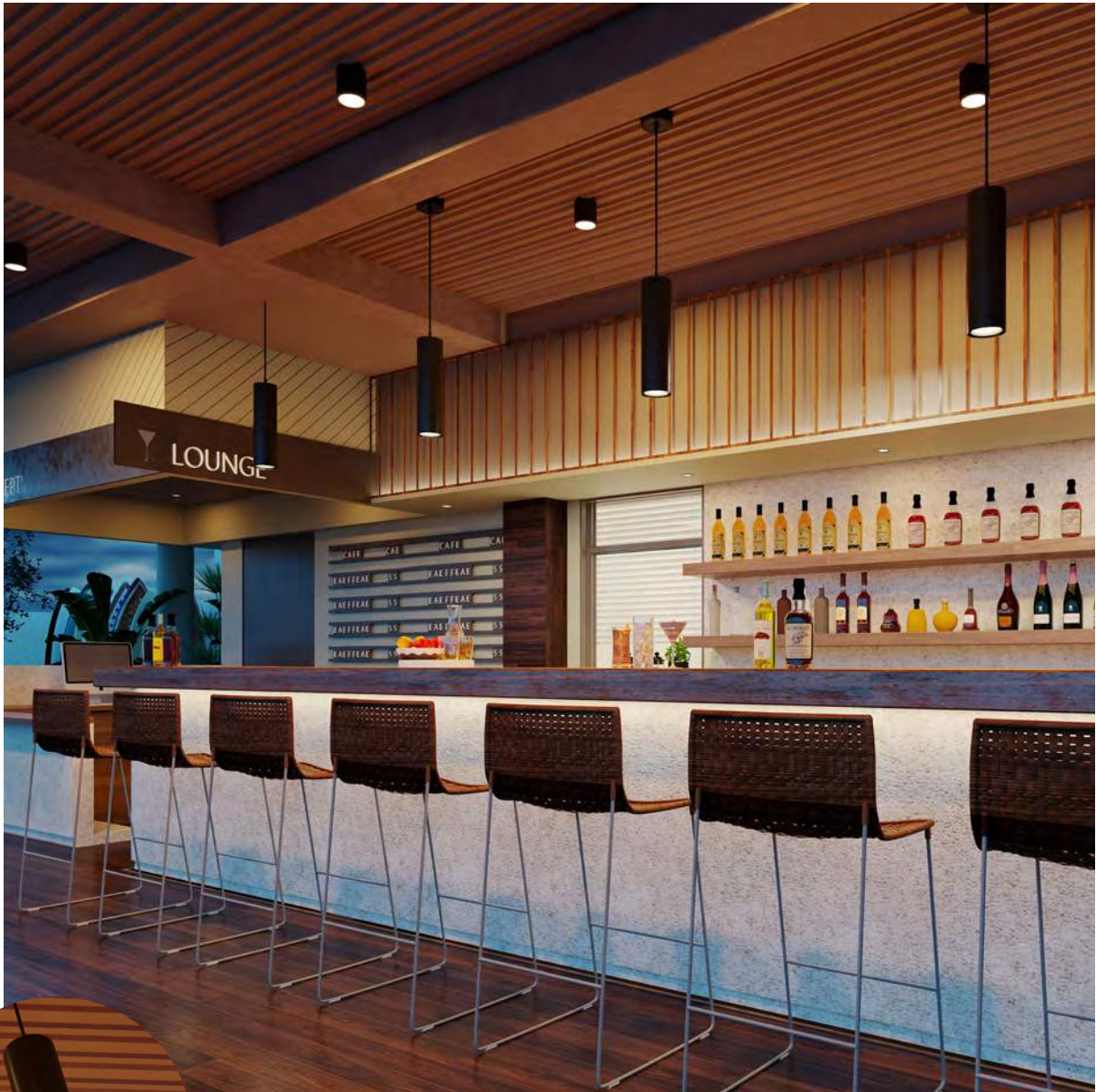


choose from any colour you would like!



ZENIT M for 3-phase track  
page 426





ZENIT M suspended  
page 300

# SURFACE

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Aufbauleuchte  
*Surface-mount luminaire*  
*Luminaires en saillie*  
*A superficie*

2.1

Profileleuchten - Profile luminaires



**P.THIRTY** *NEW*  
minimalistic profile  
p. 210



**PURE 2**  
splash proof profile  
p. 220



**P.FORTY**  
light technology meets eye comfort  
p. 214



**SINUS**  
rings and curves  
p. 222



**PURE 3**  
most flexible profile  
p. 216



**HALO**  
atmosphere ring luminaire  
p. 224



**PURE 3 TRIFLECT** *NEW*  
profile with integrated downlight  
p. 218



**QUADRO**  
design meets performance  
p. 226

Flächenleuchten - Area luminaires



**OPHELIA** *NEW*  
ultra efficient round luminaire  
p. 228



**OLMO** *NEW*  
ultra efficient square luminaire  
p. 238



**ODELIA** *NEW*  
the elegant round luminaire  
p. 232



**SKAI**  
flat office design luminaire  
p. 242



**LILIBET** *NEW*  
round luminaire with iconic diffuser  
p. 236

Downlights & Strahler - Downlights & Spotlights



**ANTO+**  
downlight as a piece of jewellery  
p. 244



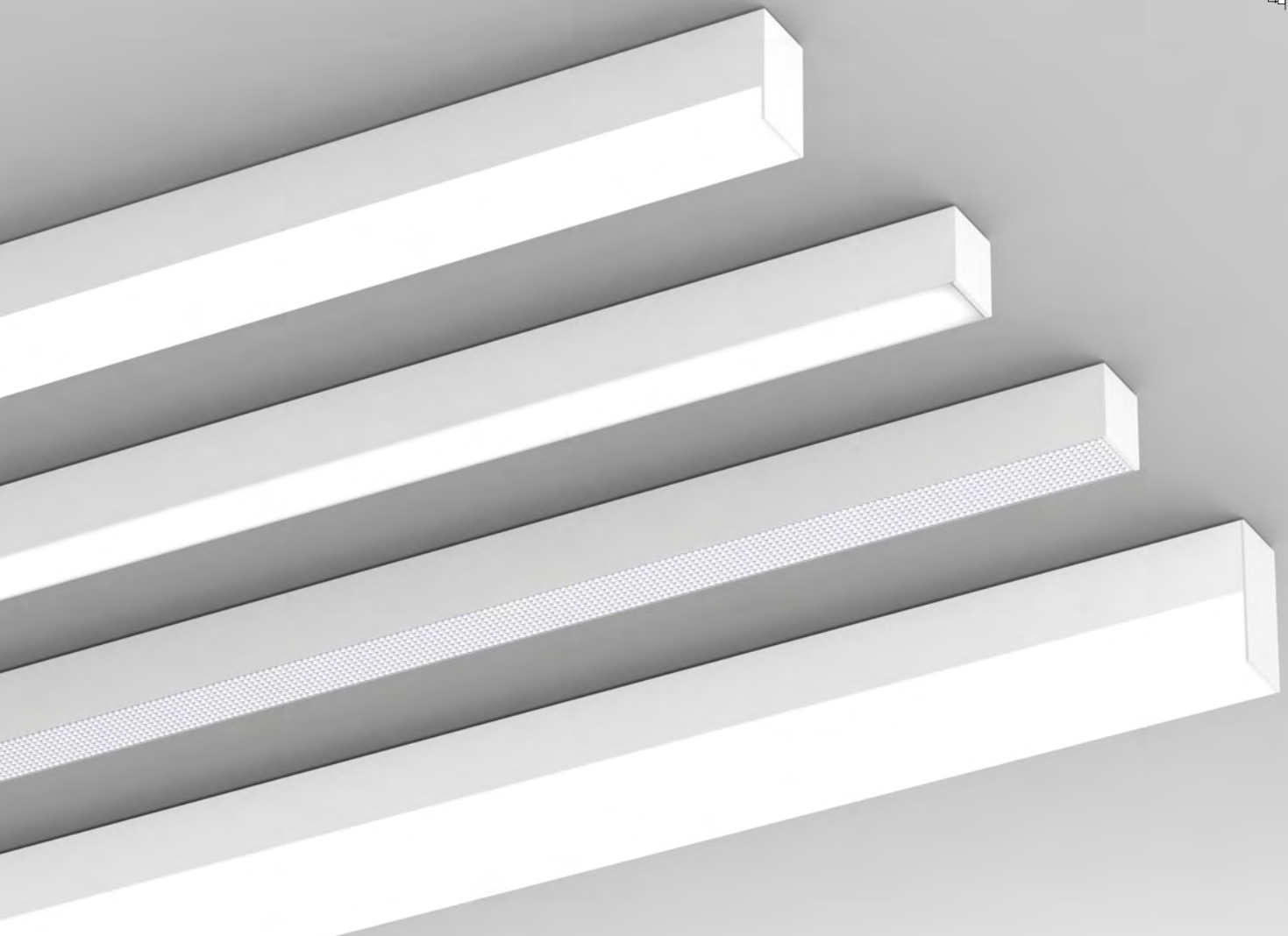
**SPACETUBE**  
IP54 downlight  
p. 250



**ZENIT M** *NEW*  
designer's spot light  
p. 246



**SPOTLIGHT**  
Gu10 downlight  
p. 252



**1 SIZE**



p. 386

557 mm (only L1, H1)	<b>055</b>
827 mm	<b>082</b>
1187 mm	<b>118</b>
1457 mm	<b>145</b>
2899 mm	<b>289</b>
3531 mm	<b>353</b>
4341 mm	<b>434</b>

**2 COLOUR**

	silver	<b>9006</b>
	white	<b>9016</b>
	black	<b>9005</b>
	RAL of your choice (p. 479)	

**3 INGRESS PROTECTION**

	IP20	<b>C</b>
--	------	----------

**4 LED**

	2700 K, CRI > 90	<b>927</b>
	3000 K, CRI > 90	<b>930</b>
	4000 K, CRI > 90	<b>940</b>

**5 OUTPUT / CONTROL**

	low output non-dim	<b>L1</b>
	low output DALI	<b>L3</b>
	high output DALI	<b>H3</b>
	high output non dim (only 055)	<b>H1</b>

**6 OPTIC**

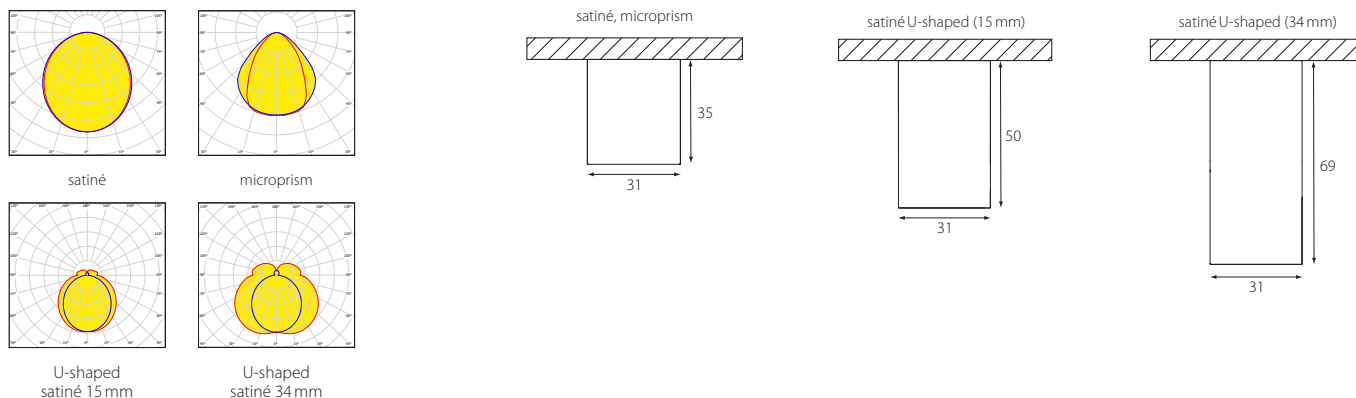
	satiné	<b>S</b>
	microprism	<b>M</b>
	U-shaped satiné, 15 mm	<b>U</b>
	U-shaped satiné, 34 mm	<b>Q</b>

P30A **1-2-3-4-5-6**


P30A082-9016C1930H3S 827 mm, white, IP20, direct, 3000 K, high output DALI, satiné (order sample)

**CONFIGURE ONLINE**

katalog.planlicht.com



**LUMINOUS FLUX (LM) / SYSTEM POWER (W)**

4000K satiné CRI > 90	low output	high output	
557 mm	758lm / 8 W	1079lm / 11,5 W	0,6 kg
827 mm	1131 lm / 10,5 W	1614lm / 15,5 W	0,8 kg
1187 mm	1629 lm / 14,5 W	2327 lm / 21 W	1,1 kg
1457 mm	2002 lm / 17 W	2862 lm / 25 W	1,3 kg
2899 mm	3989 lm / 34 W	5711 lm / 50 W	2,6 kg
3531 mm	4858 lm / 43 W	6957 lm / 62 W	3,2 kg
4341 mm	5974 lm / 51 W	8559 lm / 74 W	3,9 kg

**COMPARE LIGHT COLOUR / COVER 1457 MM, 4000 K, CRI > 80**

satiné	2002 lm	2862 lm
microprism*	2065 lm	2953 lm
U-shaped satiné (15 mm)	2109 lm	3023 lm
U-shaped satiné (34 mm)	2219 lm	3181 lm

\*Der angegebene Lichtstrom bezieht sich auf die Leuchte mit klarer mikroprismatischer Abdeckung. Die Leuchte wird mit satinierter Folie zur Erhöhung der Homogenität geliefert (Direkt strahlend: -13,9% , direkt/indirekt strahlend: -6,9% Lichtstrom).

Die angegebenen Lichtstromwerte (lm) beziehen sich auf Leuchten mit einem weißen Gehäuse (RAL 9016). Je nach Gehäusefarbe und Länge reduzieren sich diese entsprechend (bezieht sich nur auf U-förmige Abdeckungen).

The indicated luminous flux corresponds to the luminaire with a clear microprismatic diffusor. The luminaire is delivered with a satinized-foil for increased homogeneity (direct: -13,9%, direct-indirect: -6,9% luminous flux).

All figures of luminous flux (lm) are for fixtures with white housing (RAL 9016). Depending on the housing colour and length, the luminous flux is reduced accordingly. This only applies to U-shaped optics.

Le flux lumineux indiqué correspond au luminaire avec diffuseur microprismatique transparent. Le luminaire est livré avec un film satiné pour optimiser l'homogénéité (direct: -13,9%, direct-indirect: -6,9% sur le flux lumineux).

Les valeurs de flux lumineux (lm) indiquées se réfèrent aux luminaires à corps blanc (RAL 9016). En fonction de la couleur du corps et de la longueur, celles-ci sont réduites en conséquence (se réfère uniquement aux caches en forme de U).

Il flusso luminoso indicato corrisponde all'apparecchio con diffusore microprismatico trasparente. La lampada é fornita con una pellicola satinata per ottimizzare l'omogeneità (diretto: -13,9%, diretto-indiretto: -6,9% del flusso luminoso).

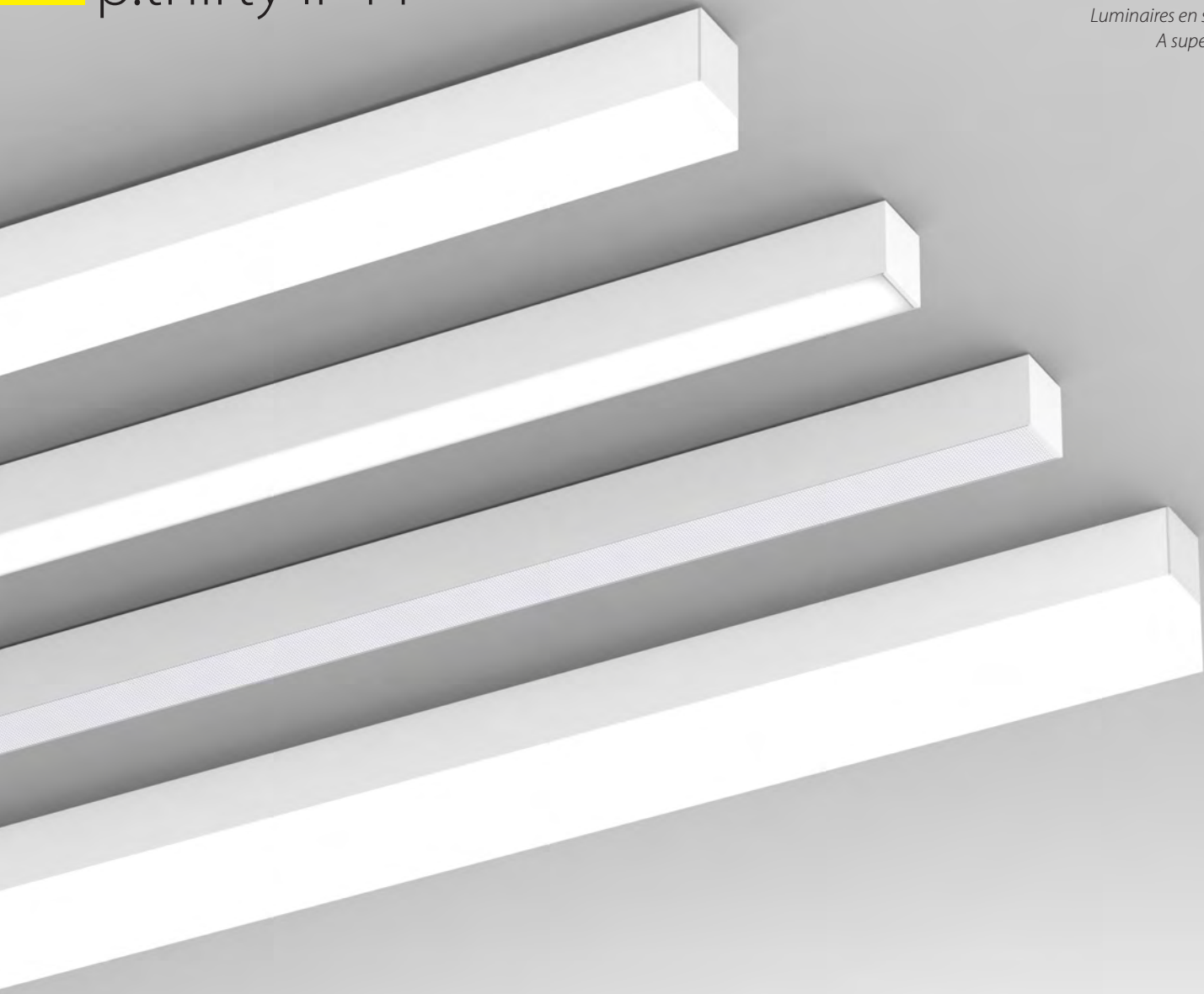
I valori indicati di flusso luminoso (lm) si riferiscono a lampade con alloggiamento bianco (RAL 9016). A seconda della lunghezza e del colore scelto per l'alloggiamento, tali valori possono ridursi (esclusivamente in caso di coperture a U).





**NEW** p.thirty IP44

Aufbauleuchte  
Surface-mount luminaire  
Luminaire en saillie  
A superficie








**1 SIZE**

557 mm (only L1, H1)  
827 mm  
1187 mm  
1457 mm

**055**  
**082**  
**118**  
**145**

**2 COLOUR**

 silver  
 white  
 black  
 RAL of your choice (p. 479)




**9006**  
**9016**  
**9005**  


**3 INGRESS PROTECTION**

 IP44









**P**

**4 LED**

 2700 K, CRI > 90  
 3000 K, CRI > 90  
 4000 K, CRI > 90





**927**  
**930**  
**940**

**5 OUTPUT / CONTROL**

  low output non-dim  
  low output DALI  
  high output DALI  
  high output non dim (only 055)

**L1**  
**L3**  
**H3**  
**H1**

**6 OPTIC**

 satiné  
 microprism  
 U-shaped satiné, 15 mm  
 U-shaped satiné, 34 mm

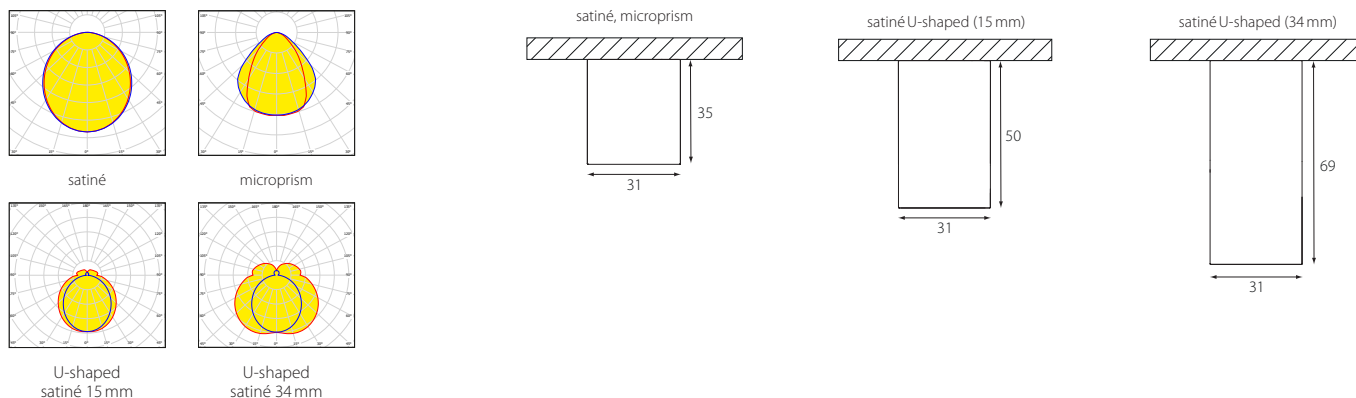
**S**  
**M**  
**U**  
**Q**

P30A **1-2-3-4-5-6**


P30A082-9016P1930H3S 827 mm, white, IP44, direct, 3000 K, high output DALI, satiné (order sample)

**CONFIGURE ONLINE**

katalog.planlicht.com



**LUMINOUS FLUX (LM) / SYSTEM POWER (W)**

4000K satiné CRI > 90	low output	high output	
557 mm	758lm / 8 W	1079 lm / 11,5 W	0,6 kg
827 mm	1131 lm / 10,5 W	1614 lm / 15,5 W	0,8 kg
1187 mm	1629 lm / 14,5 W	2327 lm / 21 W	1,1 kg
1457 mm	2002 lm / 17 W	2862 lm / 25 W	1,3 kg

**COMPARE LIGHT COLOUR / COVER 1457 MM, 4000 K, CRI > 80**

satiné	2002 lm	2862 lm
microprism*	2065 lm	2953 lm
U-shaped satiné (15 mm)	2109 lm	3023 lm
U-shaped satiné (34 mm)	2219 lm	3181 lm

\*Der angegebene Lichtstrom bezieht sich auf die Leuchte mit klarer mikroprismatischer Abdeckung. Die Leuchte wird mit satinierter Folie zur Erhöhung der Homogenität geliefert (Direkt strahlend: -13,9% , direkt/indirekt strahlend: -6,9% Lichtstrom).

Die angegebenen Lichtstromwerte (lm) beziehen sich auf Leuchten mit einem weißen Gehäuse (RAL 9016). Je nach Gehäusefarbe und Länge reduzieren sich diese entsprechend (bezieht sich nur auf U-förmige Abdeckungen).

The indicated luminous flux corresponds to the luminaire with a clear microprismatic diffuser. The luminaire is delivered with a satinized-foil for increased homogeneity (direct: -13,9%, direct-indirect: -6,9% luminous flux).

All figures of luminous flux (lm) are for fixtures with white housing (RAL 9016). Depending on the housing colour and length, the luminous flux is reduced accordingly. This only applies to U-shaped optics.

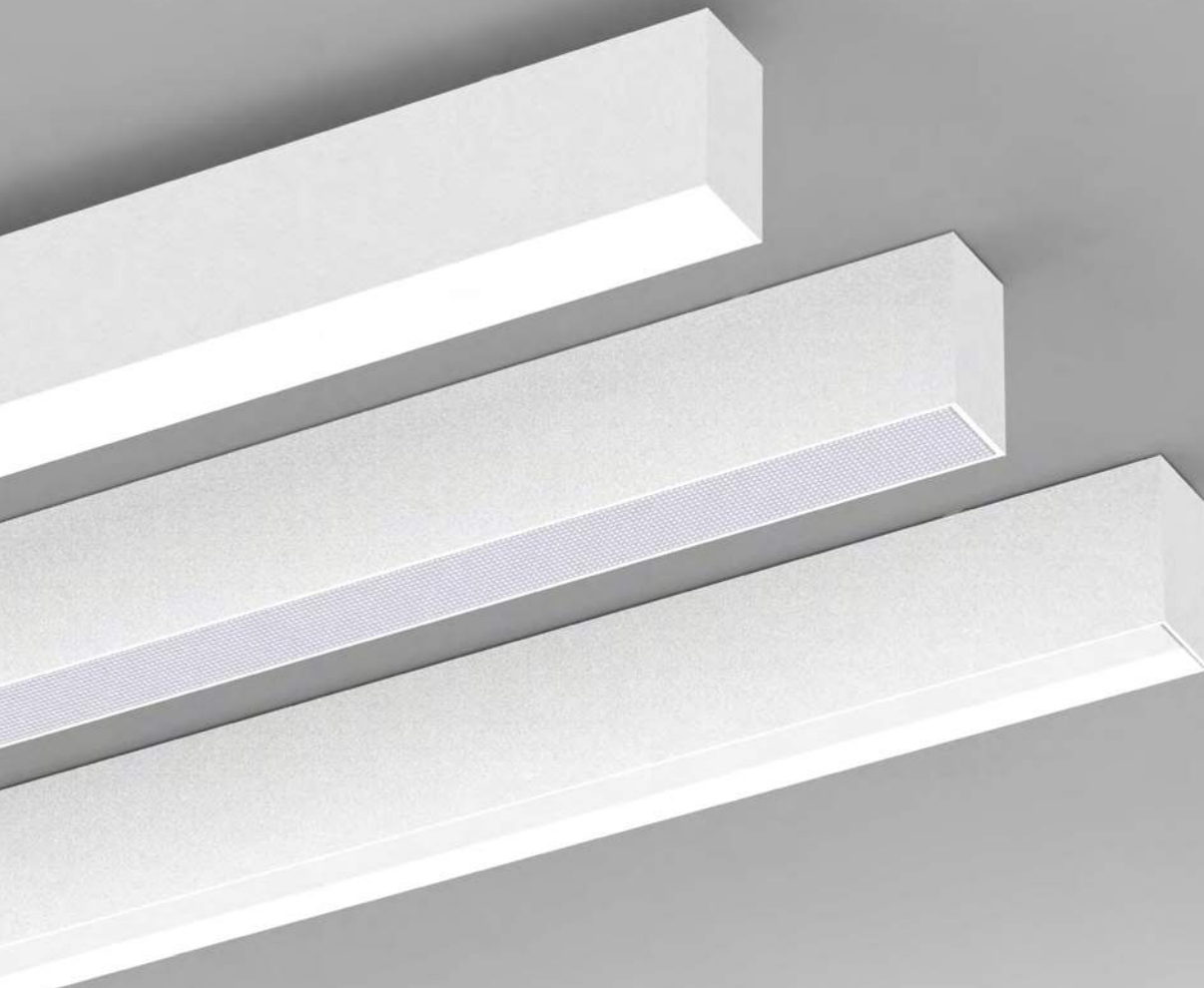
Le flux lumineux indiqué correspond au luminaire avec diffuseur microprismatique transparent. Le luminaire est livré avec un film satiné pour optimiser l'homogénéité (direct: -13,9 %, direct-indirect: -6,9 % sur le flux lumineux).

Les valeurs de flux lumineux (lm) indiquées se réfèrent aux luminaires à corps blanc (RAL 9016). En fonction de la couleur du corps et de la longueur, celles-ci sont réduites en conséquence (se réfère uniquement aux caches en forme de U).

Il flusso luminoso indicato corrisponde all'apparecchio con diffusore microprismatico trasparente. La lampada é fornita con una pellicola satinata per ottimizzare l'omogeneità (diretto: -13,9%, diretto-indiretto: -6,9% del flusso luminoso).

I valori indicati di flusso luminoso (lm) si riferiscono a lampade con alloggiamento bianco (RAL 9016). A seconda della lunghezza e del colore scelto per l'alloggiamento, tali valori possono ridursi (esclusivamente in caso di coperture a U).





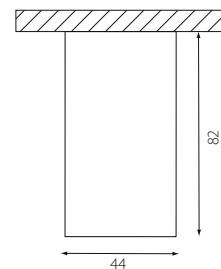
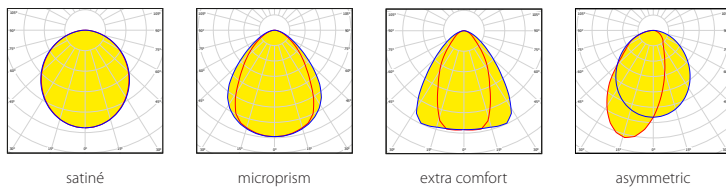
<b>1 SIZE</b>			<b>2 COLOUR</b>		<b>3 LED</b>	
		p. 392				
574 mm	<b>057</b>		 silver	<b>9006</b>	 3000 K, CRI > 80	<b>830</b>
854 mm	<b>085</b>		 white	<b>9016</b>	 4000 K, CRI > 80	<b>840</b>
1134 mm	<b>113</b>		 black	<b>9005</b>	 3000 K, CRI > 90	<b>930</b>
1414 mm	<b>141</b>		 RAL of your choice (p. 479)		 4000 K, CRI > 90	<b>940</b>
1694 mm	<b>169</b>				 2700 - 6500 K, dynamic white, CRI > 90	<b>HCL</b>
2254 mm	<b>225</b>					
2818 mm	<b>281</b>					
3378 mm	<b>337</b>					
4498 mm	<b>449</b>					
<b>4 OUTPUT / CONTROL</b>			<b>5 OPTIC</b>			
	low output non-dim	<b>L1</b>	 satiné	<b>S</b>		
	low output DALI	<b>L3</b>	 microprism	<b>M</b>		
	high output DALI	<b>H3</b>	 asymmetric	<b>A</b>		
	dynamic white	<b>X3</b>	 extra comfort UGR < 19 (low output only)	<b>E</b>		

P40A **1-2C1345**


P40A141-9016C1840H3S 1414 mm, white, 4000 K, high output DALI, satiné (order sample)

**CONFIGURE ONLINE**

katalog.planlicht.com



**LUMINOUS FLUX (LM) / SYSTEM POWER (W)**

4000K satiné	low output CRI > 80	high output CRI > 80	dynamic white CRI > 90	
574 mm	814 lm / 8,4W	1360 lm / 13W	1071 lm / 14,5W	1,2 kg
854 mm	1230 lm / 11,5W	2080 lm / 19W	1623 lm / 21 W	1,6 kg
1134 mm	1664 lm / 14,5 W	2879 lm / 25W	2208 lm / 26W	2,0 kg
1414 mm	2075 lm / 17,5W	3606 lm / 31 W	2756 lm / 32 W	2,6 kg
1694 mm	2469 lm / 20W	4362 lm / 36W	3290 lm / 37W	3,0 kg
2254 mm	3329 lm / 27W	5757 lm / 47W	4417 lm / 49W	3,9 kg
2818 mm	4150 lm / 35W	7211 lm / 62W	5512 lm / 63W	5,1 kg
3378 mm	4938 lm / 40W	8725 lm / 73W	6581 lm / 74W	6,0 kg
4498 mm	6657 lm / 55W	11514 lm / 94W	8834 lm / 98W	7,7 kg

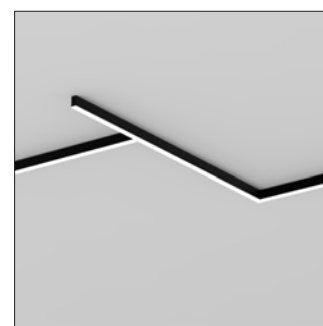
**COVER 1414 MM, 4000K, CRI > 80**

microprism*	2153 lm	3747 lm
extra confort	2413 lm	
asymmetric	1849 lm	3214 lm

\* Der angegebene Lichtstrom bezieht sich auf die Leuchte mit klarer mikroprismatischer Abdeckung. Die Leuchte wird mit satinierter Folie zur Erhöhung der Homogenität geliefert (-23% Lichtstrom).  
 The indicated luminous flux corresponds to the luminaire with a clear microprismatic diffuser. The luminaire is delivered with a satinized-foil for increased homogeneity (-23% luminous flux).  
 Le flux lumineux indiqué correspond au luminaire avec diffuseur microprismatique transparent. Le luminaire est livré avec un film satiné pour optimiser l'homogénéité (-23% sur le flux lumineux).  
 Il flusso luminoso indicato corrisponde all'apparecchio con diffusore microprismatico trasparente. La lampada é fornita con una pellicola satinata per ottimizzare l'omogeneità (-23% del flusso luminoso).

**P.FORTY PROFILE SYSTEM**

p. 392

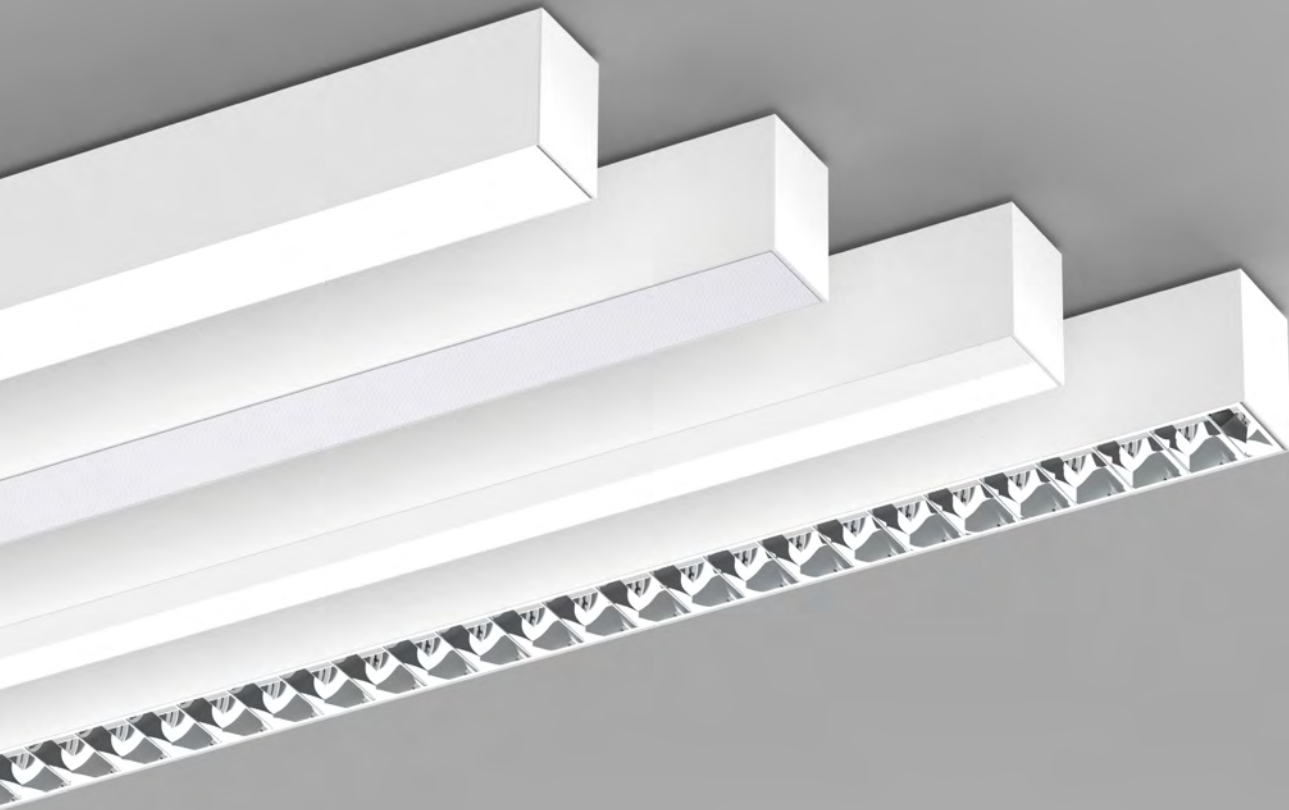


p. 473



# pure 3

Aufbauleuchte  
Surface-mount luminaire  
Luminaire en saillie  
A superficie



## 1 SIZE



p. 400

satiné/micro		asymmetric		BAP	
574 mm	<b>057</b>	573 mm	<b>057</b>	-	
854 mm	<b>085</b>	853 mm	<b>085</b>	-	
1134 mm	<b>113</b>	1133 mm	<b>113</b>	1134 mm	<b>113</b>
1414 mm	<b>141</b>	1413 mm	<b>141</b>	1414 mm	<b>141</b>
1694 mm	<b>169</b>	1693 mm	<b>169</b>	-	
2254 mm	<b>225</b>	2259 mm	<b>225</b>	2259 mm	<b>225</b>
2818 mm	<b>281</b>	2819 mm	<b>281</b>	2819 mm	<b>281</b>
3378 mm	<b>337</b>	3379 mm	<b>337</b>	3384 mm	<b>338</b>
4222 mm	<b>422</b>	4223 mm	<b>422</b>	4220 mm	<b>422</b>

## 2 COLOUR

	silver	<b>9006</b>
	white	<b>9016</b>
	black	<b>9005</b>
	RAL of your choice (p. 479)	

## 3 INGRESS PROTECTION

	IP20 (asymmetric & BAP louvre only)	<b>C</b>
	IP40	<b>E</b>

## 4 LED

	3000 K, CRI > 80	<b>830</b>
	4000 K, CRI > 80	<b>840</b>
	3000 K, CRI > 90	<b>930</b>
	4000 K, CRI > 90	<b>940</b>
	2700 - 6500 K dynamic white, CRI > 90	<b>HCL</b>

## 5 OUTPUT / CONTROL

	low output non-dim	<b>L1</b>
	low output DALI	<b>L3</b>
	high output DALI	<b>H3</b>
	dynamic white	<b>X3</b>

## 6 OPTIC

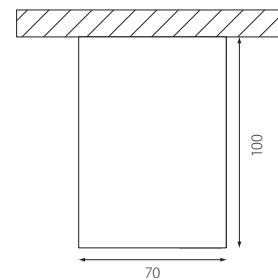
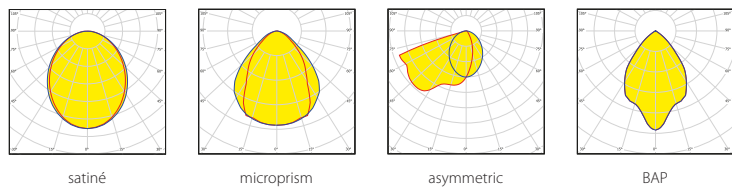
	satiné	<b>S</b>
	microprism, UGR < 19 (some versions)	<b>M</b>
	asymmetric	<b>A</b>
	BAP (high-gloss silver), UGR < 19	<b>B</b>

P33A **1-2-3-1-4-5-6**

P33A057-9016E1840H3S 574 mm, white, 4000 K, high output DALI, satiné

**CONFIGURE ONLINE**

katalog.planlicht.com



**LUMINOUS FLUX (LM) / SYSTEM POWER (W)**

4000K satiné	low output CRI > 80	high output CRI > 80	dynamic white CRI > 90	
574mm	812lm/8,9W	1365 lm/ 14,5W	1036lm/ 16W	2,0 kg
854 mm	1192lm/ 12,5W	2045 lm/ 21 W	1538lm/ 23W	2,7 kg
1134 mm	1597 lm/ 16W	2767 lm/ 27W	2139lm/ 28W	3,4 kg
1414 mm	1962 lm/ 19W	3434 lm/ 33W	2631 lm/ 34W	4,3 kg
1694 mm	2404 lm/ 22W	4225 lm/ 40W	3208lm/ 40W	5,0 kg
2254 mm	3127 lm/ 29W	5692 lm/ 53W	4364lm/ 54W	6,5 kg
2818 mm	3923 lm/ 38W	6868 lm/ 67W	5261 lm/ 68W	8,5 kg
3378 mm	4807 lm/ 45W	8450 lm/ 80W	6416lm/ 80W	9,9 kg
4222 mm	5885 lm/ 57W	10303 lm/ 99W	7892lm/ 102W	12,6 kg

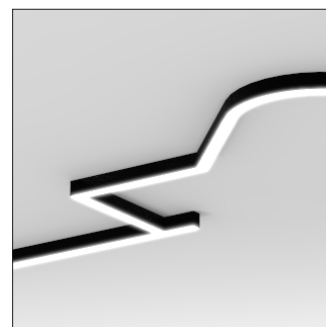
**COMPARE COVER 1414 MM, 4000K, CRI > 80**

satiné	1962 lm	3434 lm
microprism*	2124 lm	3653 lm
BAP	2168 lm	3792 lm
asymmetric	1857 lm	3533 lm

\* Der angegebene Lichtstrom bezieht sich auf die Leuchte mit klarer mikroprismatischer Abdeckung. Die Leuchte wird mit satinierter Folie zur Erhöhung der Homogenität geliefert (-28,2% Lichtstrom).  
 The indicated luminous flux corresponds to the luminaire with a clear microprismatic diffusor. The luminaire is delivered with a satinized foil for increased homogeneity (-28,2% luminous flux).  
 Le flux lumineux indiqué correspond au luminaire avec diffuseur microprismatique transparent. Le luminaire est livré avec un film satiné pour optimiser l'homogénéité (-28,2% sur le flux lumineux).  
 Il flusso luminoso indicato corrisponde all'apparecchio con diffusore microprismatico trasparente. La lampada é fornita con una pellicola satinata per ottimizzare l'omogeneità (-28,2% del flusso luminoso).

**PURE 3 PROFILE SYSTEM**

p. 400

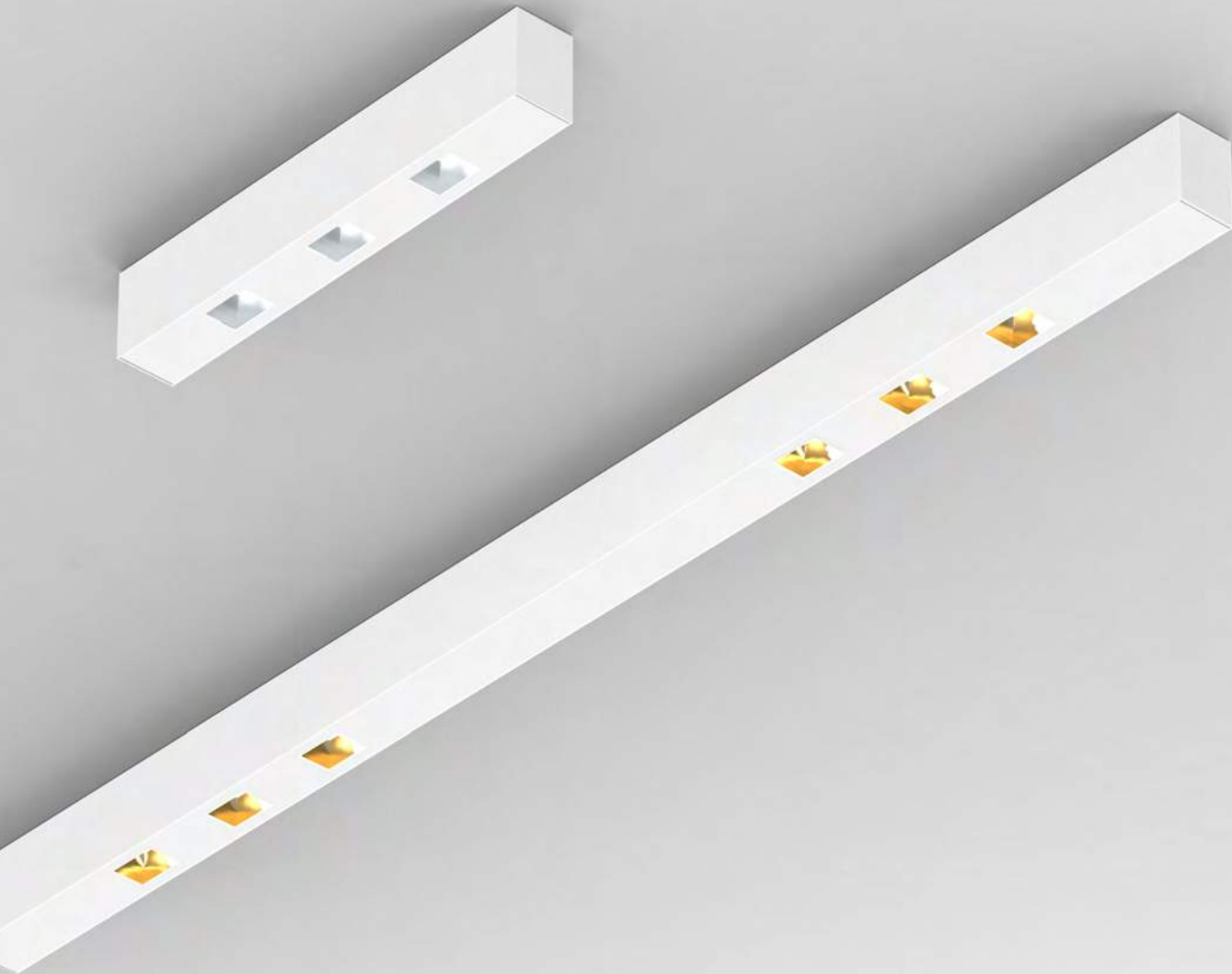


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# NEW pure 3 triflect

Aufbauleuchte  
Surface-mount luminaire  
Luminaire en saillie  
A superficie







## 1 SIZE




575 mm (3 spots)  
1801 mm (6 spots)

**057**  
**180**



## 2 COLOUR

 silver  
 white  
 black  
 RAL of your choice (p. 479)



## 3 OUTPUT

**9006**  low output **L**  
**9016**  high output **H**  
**9005** 

## 4 CONTROL

 non-dim **1**  
 DALI-dim **3**

## 5 REFLECTOR

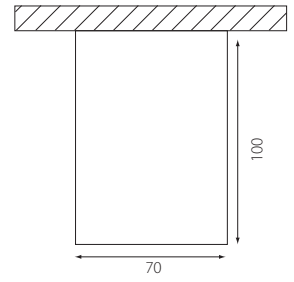
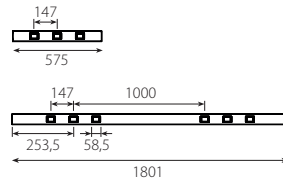
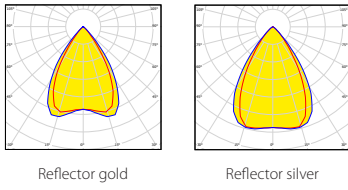
 silver matte **P**  
 high-gloss gold **G**

P3TA **1-2C1840345**

P3TA057-9016C1840H1G 575 mm, white, high output, non-dim, gold (order sample)

**CONFIGURE ONLINE**

katalog.planlicht.com



**LUMINOUS FLUX (LM) / SYSTEM POWER (W)**

4000K satiné, CRI > 80	low output	high output	
575 mm	1851 lm / 17,5W	3018 lm / 32W	
1801 mm	3702 lm / 35W	6036 lm / 65W	6,0 kg

**COMPARE REFLECTOR COLOUR 1801 MM, 4000K, CRI > 80**

silver matte	3702 lm	6036 lm
high-gloss gold	3060 lm	5112 lm

p. 473





# pure 2 IP54

Aufbauleuchte  
Surface-mount luminaire  
Luminaire en saillie  
A superficie



## 1 SIZE

satiné	
600 mm	<b>060</b>
880 mm	<b>088</b>
1160 mm	<b>116</b>
1440 mm	<b>144</b>
1720 mm	<b>172</b>
2280 mm	<b>228</b>
2840 mm	<b>284</b>
3400 mm	<b>340</b>
4520 mm	<b>452</b>

## 2 COLOUR

	silver	<b>9006</b>
	white	<b>9016</b>
	black	<b>9005</b>
	RAL of your choice (p. 479)	

## 3 LED

	3000 K, CRI > 80	<b>830</b>
	4000 K, CRI > 80	<b>840</b>
	3000 K, CRI > 90	<b>930</b>
	4000 K, CRI > 90	<b>940</b>
	2700 - 6500 K dynamic white, CRI > 90	<b>HCL</b>

## 4 OUTPUT/CONTROL

	low output non-dim	<b>L1</b>
	low output DALI	<b>L3</b>
	high output DALI	<b>H3</b>
	dynamic white	<b>X3</b>

## 5 OPTIC

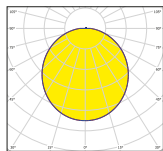
	satiné	<b>S</b>
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P58A 1-2 Q1 3 4 S

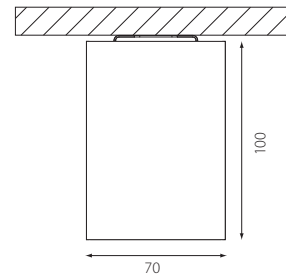
P58A060 - 9016Q1840H3S 600 mm, white, 4000 K, high output DALI, satiné

CONFIGURE ONLINE


katalog.planlicht.com



satiné



**LUMINOUS FLUX (LM) / SYSTEM POWER (W)**

4000K satiné	low output CRI > 80	high output CRI > 80	dynamic white CRI > 90	
600 mm	800lm/11W	1464lm/18W	1002lm/20W	2,3 kg
880 mm	1296lm/16W	2212lm/26W	1476lm/29W	3,2 kg
1160 mm	1584lm/20W	2958lm/34W	2058lm/36W	4,0 kg
1440 mm	1964lm/24W	3644lm/42W	2520lm/43W	5,3 kg
1720 mm	2626lm/28W	4517lm/51W	3081lm/51W	6,7 kg
2280 mm	3422lm/36W	6115lm/67W	4196lm/68W	7,8 kg
2840 mm	3928lm/48W	7288lm/84W	5041lm/86W	10,4 kg
3400 mm	5252lm/56W	9034lm/101W	6163lm/102W	12,7 kg
4520 mm	6844lm/73W	12230lm/135W	8392lm/136W	15,6 kg





## 1 SIZE

	ø 1174 mm	<b>117</b>
	ø 1530 mm	<b>153</b>
	ø 2950 mm	<b>295</b>
	ø 5790 mm	<b>579</b>

## 2 COLOUR

	silver	<b>9006</b>
	white	<b>9016</b>
	black	<b>9005</b>
	RAL of your choice (p. 479)	

## 3 LED

	3000 K, CRI > 80	<b>830</b>
	4000 K, CRI > 80	<b>840</b>
	3000 K, CRI > 90	<b>930</b>
	4000 K, CRI > 90	<b>940</b>
	2700 - 6500 K, dynamic white, CRI > 90	<b>HCL</b>

## 4 OUTPUT / CONTROL

	low output non-dim	<b>L1</b>
	low output DALI	<b>L3</b>
	high output DALI	<b>H3</b>
	dynamic white	<b>X3</b>

## 5 OPTIC

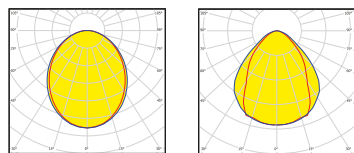
	satiné	<b>S</b>
	microprism, UGR < 19 (low output only)	<b>M</b>

R33A **1-2E1345**

R33A117-9016E1840H3S ø 1174 mm, white, 4000 K, high output DALI, satiné (order sample)

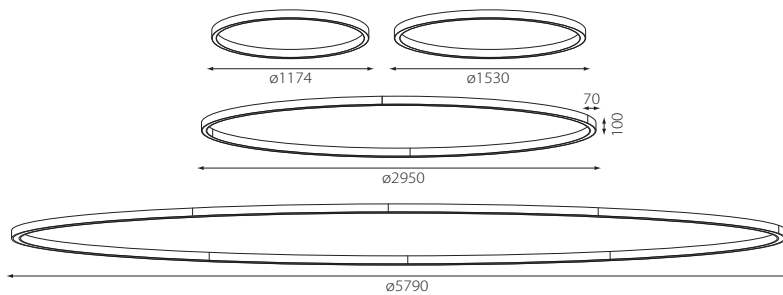
**CONFIGURE ONLINE**

katalog.planlicht.com




satiné

microprism



**LUMINOUS FLUX (LM) / SYSTEM POWER (W)**

4000K satiné	low output CRI > 80	high output CRI > 80	dynamic white CRI > 90	
ø 1174 mm	4507 lm / 44W	8195 lm / 79W	6153 lm / 81 W	18,6 kg
ø 1530 mm	6010 lm / 58W	10927 lm / 105W	8555 lm / 108W	23,3 kg
ø 2950 mm	12020 lm / 116W	21856 lm / 210W	17458 lm / 215W	49,6 kg
ø 5790 mm	24040 lm / 233W	43712 lm / 421W	34916 lm / 430W	98,6 kg

**COMPARE COVER Ø 1530 MM, 4000K, CRI > 80**

satiné	6010 lm	10927 lm	8555 lm
microprism*	6393 lm	11624 lm	9370 lm

\* Der angegebene Lichtstrom bezieht sich auf die Leuchte mit klarer mikroprismatischer Abdeckung. Die Leuchte wird mit satinierter Folie zur Erhöhung der Homogenität geliefert (-28,2% Lichtstrom).  
 The indicated luminous flux corresponds to the luminaire with a clear microprismatic diffusor. The luminaire is delivered with a satinized-foil for increased homogeneity (-28,2% luminous flux).  
 Le flux lumineux indiqué correspond au luminaire avec diffuseur microprismatique transparent. Le luminaire est livré avec un film satiné pour optimiser l'homogénéité (-28,2 % sur le flux lumineux).  
 Il flusso luminoso indicato corrisponde all'apparecchio con diffusore microprismatico trasparente. La lampada é fornita con una pellicola satinata per ottimizzare l'omogeneità (-28,2% del flusso luminoso).





## 1 SIZE

	ø 760 mm	<b>076</b>
	ø 1040 mm	<b>104</b>
	ø 1220 mm	<b>122</b>
	ø 1360 mm	<b>136</b>

## 2 COLOUR

	silver	<b>9006</b>
	white	<b>9016</b>
	black	<b>9005</b>
	RAL of your choice (p. 479)	

## 3 LED

	3000 K, CRI > 80	<b>830</b>
	4000 K, CRI > 80	<b>840</b>
	3000 K, CRI > 90	<b>930</b>
	4000 K, CRI > 90	<b>940</b>

## 4 OUTPUT / CONTROL

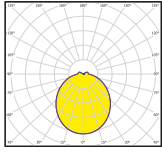
	low output non-dim	<b>L1</b>
	low output DALI	<b>L3</b>
	high output DALI	<b>H3</b>

R48A **1-2 C1 3 4 S**

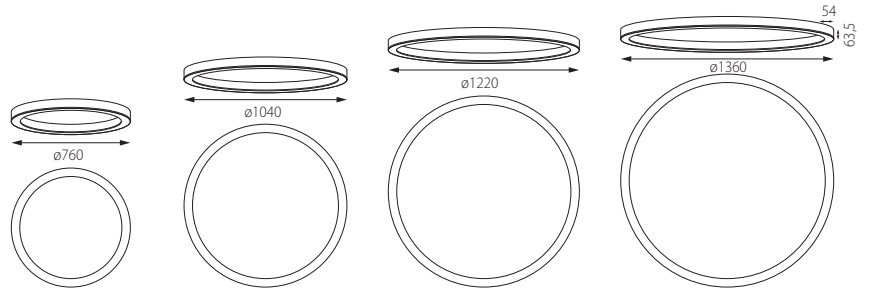
R48A076-9016C1840H3S ø 760 mm, white, 4000 K, high output DALI, satiné (order sample)

**CONFIGURE ONLINE**


katalog.planlicht.com  
DESIGN: Nina Mair



satiné



**LUMINOUS FLUX (LM) / SYSTEM POWER (W), CRI > 80**

	3000 K		4000 K		
	low output	high output	low output	high output	
ø 760 mm	2356 lm / 26 W	3710 lm / 41 W	2437 lm / 26 W	3837 lm / 41 W	10,0 kg
ø 1040 mm	3183 lm / 37 W	4357 lm / 51 W	3294 lm / 37 W	4509 lm / 51 W	14,0 kg
ø 1220 mm	3870 lm / 42 W	5591 lm / 62 W	4005 lm / 42 W	5786 lm / 62 W	15,0 kg
ø 1360 mm	4944 lm / 52 W	6962 lm / 74 W	5114 lm / 52 W	7200 lm / 74 W	18,0 kg

Die angegebenen Lichtstromwerte (lm) beziehen sich auf Leuchten mit einem weißen Gehäuse (RAL 9016). Unterschiedliche Gehäusefarben reduzieren diese entsprechend – silber (RAL 9006) um 21%, schwarz (RAL 9005) um 25%!  
 All figures of luminous flux (lm) are for fixtures with white housing (RAL 9016). Different housing colours reduce the luminous flux accordingly – silver (RAL 9006) minus 21%, black (RAL 9005) minus 25%!  
 Les valeurs de flux lumineux (lm) indiquées se réfèrent aux luminaires à corps blanc (RAL 9016). Différentes couleurs de corps les réduisent en conséquence – argent (RAL 9006) de 21 %, noir (RAL 9005) de 25 % !  
 I valori indicati di flusso luminoso (lm) si riferiscono a lampade con alloggiamento bianco (RAL 9016). A seconda del colore scelto per l'alloggiamento, tali valori possono ridursi: color argento (RAL 9006) -21%, nero (RAL 9005) -25%!



# quadro

Aufbauleuchte  
Surface-mount luminaire  
Luminaire en saillie  
A superficie



## 1 SIZE

BAP		BAP Sensor	
1124 mm	<b>112</b>	1149 mm	<b>114</b>
1404 mm	<b>140</b>	1429 mm	<b>142</b>
1684 mm	<b>168</b>		
2244 mm	<b>224</b>		
2804 mm	<b>280</b>		
3364 mm	<b>336</b>		
satiné/microprism		microprism Sensor	
1130 mm	<b>113</b>	1155 mm	<b>115</b>
1410 mm	<b>141</b>	1435 mm	<b>143</b>
1690 mm	<b>169</b>		
2250 mm	<b>225</b>		
2810 mm	<b>281</b>		
3370 mm	<b>337</b>		

## 2 COLOUR

	silver	<b>9006</b>
	white	<b>9016</b>
	black	<b>9005</b>
	RAL of your choice (p. 479)	

## 3 LED

	3000 K, CRI > 80	<b>830</b>
	4000 K, CRI > 80	<b>840</b>
	3000 K, CRI > 90	<b>930</b>
	4000 K, CRI > 90	<b>940</b>
	2700 - 6500 K, dynamic white, CRI > 90	<b>HCL</b>

## 4 OUTPUT/CONTROL

	non Sensor	with Sensor
	low output non-dim	<b>L1</b>
	low output DALI	<b>L3</b> <b>L7</b>
	high output DALI	<b>H3</b> <b>H7</b>
	dynamic white	<b>X3</b> <b>X7</b> (on request)

## 5 OPTIC

satiné*	<b>S</b>	BAP white (RAL 9016)*	<b>W</b>
microprism*	<b>M</b>	BAP black (RAL 9005)	<b>N</b>
BAP high-gloss silver	<b>B</b>	BAP glaring gold	<b>D</b>
BAP silver matte	<b>P</b>	BAP capital copper	<b>R</b>
BAP high-gloss gold	<b>G</b>	BAP gunnery grey	<b>Y</b>
BAP high-gloss copper	<b>K</b>	BAP black chrome matte	<b>C</b>

\*Some Versions UGR > 19

T65A **1-2C1345**

T65A112-9016C1840H3B 1124mm, white, 4000K, high output DALI, BAP high-gloss silver (order sample)

**CONFIGURE ONLINE**

katalog.planlicht.com






# NEW ophelia direct






Aufbauleuchte  
Surface-mount luminaire  
Luminaire en saillie  
A superficie





## 1 SIZE

	ø 330 mm	<b>033</b>
	ø 420 mm	<b>042</b>
	ø 620 mm	<b>062</b>
	ø 920 mm (only IP50)	<b>092</b>
	ø 1220 mm (only IP50)	<b>122</b>






## 2 COLOUR

	silver	<b>9006</b>
	white	<b>9016</b>
	black	<b>9005</b>
	RAL of your choice (p. 479)	






## 3 INGRESS PROTECTION

	IP50	<b>F</b>
	IP54	<b>Q</b>


## 4 LED

	3000 K, CRI > 80	<b>830</b>
	4000 K, CRI > 80	<b>840</b>
	3000 K, CRI > 90	<b>930</b>
	4000 K, CRI > 90	<b>940</b>
	2700 - 6500 K dynamic white, CRI > 90	<b>HCL</b>

## 5 OUTPUT/CONTROL

	low output non-dim	<b>L1</b>
	low output DALI	<b>L3</b>
	high output DALI	<b>H3</b>
	very high output DALI	<b>V3</b>
	dynamic white	<b>X3</b>

## 6 OPTIC

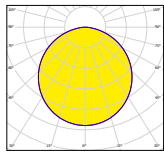
	satiné	<b>S</b>
	microprism, UGR < 19 (only low output)	<b>M</b>

F53A 1-2-3-1-4-5-6

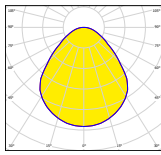
F53A042-9016F1830V3S ø 420 mm, white, IP50, 3000 K, CRI > 80, very high output DALI, satiné (order sample)

CONFIGURE ONLINE

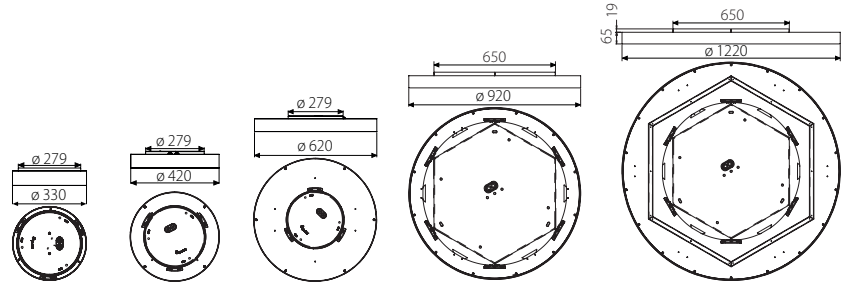
katalog.planlicht.com




satiné



microprism



**LUMINOUS FLUX (LM) / SYSTEM POWER (W)**

4000K satiné	low output CRI > 80	high output CRI > 80	very high output CRI > 80	dynamic white CRI > 90	
ø 330 mm	962lm / 7,4W	2180lm / 15W	2661 lm / 18,5W	1690lm / 15W	2,0kg
ø 420 mm	1651 lm / 11,5W	3218 / 22W	3993 lm / 28W	2494lm / 22W	2,6 kg
ø 620 mm	3513 lm / 22W	6346 lm / 40W	7938 lm / 51 W	4695 lm / 39W	4,5 kg
ø 920 mm	7500 lm / 48W	14606 lm / 93W	18682 lm / 127W	11431 lm / 131 W	17,7 kg
ø 1220 mm	14284 lm / 95W	27748 lm / 178W	34747 lm / 229W	21716 lm / 182W	25,2 kg

**COMPARE COVER Ø 420 MM, 4000 K, CRI > 80**

satiné	1651 lm	3218lm	3993 lm
microprism	1492 lm	2930lm	3622 lm

Die angegebenen Lichtstromwerte (lm) beziehen sich auf Leuchten mit einem weißen Gehäuse (RAL 9016). Je nach Gehäusefarbe und Durchmesser reduzieren sich diese entsprechend.  
 All figures of luminous flux (lm) are for fixtures with white housing (RAL 9016). Depending on the housing colour and diameter, the luminous flux is reduced accordingly.  
 Les valeurs de flux lumineux (lm) indiquées se réfèrent aux luminaires à corps blanc (RAL 9016). En fonction de la couleur du corps et du diamètre, celles-ci sont réduites en conséquence.  
 I valori indicati di flusso luminoso (lm) si riferiscono a lampade con alloggiamento bianco (RAL 9016). A seconda del diametro e del colore scelto per l'alloggiamento, tali valori possono ridursi.

p. 473







# NEW ophelia direct-indirect






Aufbauleuchte  
Surface-mount luminaire  
Luminaire en saillie  
A superficie



## 1 SIZE

 M	ø420 mm	<b>042</b>
 L	ø620 mm	<b>062</b>
 XL	ø920 mm	<b>092</b>
 XXL	ø1220 mm	<b>122</b>






## 2 COLOUR

	silver	<b>9006</b>
	white	<b>9016</b>
	black	<b>9005</b>
	RAL of your choice (p. 479)	

## 4 LED

	3000 K, CRI > 80	<b>830</b>
	4000 K, CRI > 80	<b>840</b>
	3000 K, CRI > 90	<b>930</b>
	4000 K, CRI > 90	<b>940</b>
	2700 - 6500 K dynamic white, CRI > 90	<b>HCL</b>

## 5 OUTPUT/CONTROL

	low output non-dim	<b>L1</b>
	low output DALI	<b>L3</b>
	high output DALI	<b>H3</b>
	very high output DALI	<b>V3</b>
	dynamic white	<b>X3</b>

## 6 OPTIC

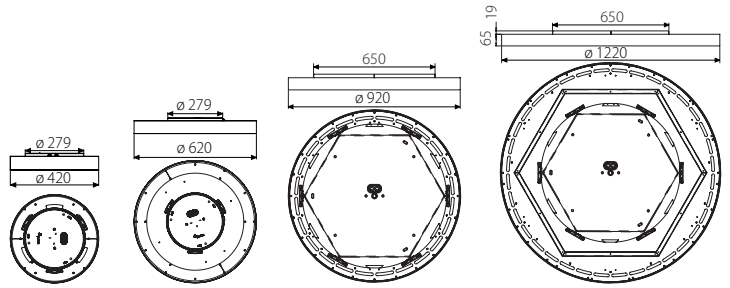
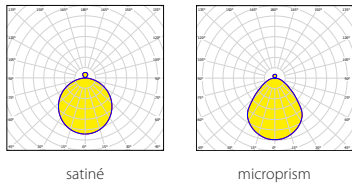
	satiné	<b>S</b>
	microprism UGR < 19 (only low output)	<b>M</b>

F53A **1** **2** **3** **4** **5** **6**


F53A042-9016F2830V3S ø420 mm, white, IP50, 3000K, CRI > 80, very high output DALI, satiné (order sample)

**CONFIGURE ONLINE**

katalog.planlicht.com



**LUMINOUS FLUX (LM) / SYSTEM POWER (W)**

4000K satiné	low output CRI > 80	high output CRI > 80	very high output CRI > 80	dynamic white CRI > 90	
ø 420 mm	1788 lm / 11,5W	3484 lm / 22W	4273 lm / 28W	2700 lm / 22W	2,7 kg
ø 620 mm	3715 lm / 22W	6641 lm / 40W	8374 lm / 51W	4913 lm / 39W	4,9 kg
ø 920 mm	7811 lm / 48W	15220 lm / 93W	19473 lm / 127W	11275 lm / 131W	18,0 kg
ø 1220 mm	14455 lm / 95W	27965 lm / 178W	35014 lm / 229W	20669 lm / 182W	25,6 kg

**COMPARE COVER Ø 420 MM, 4000 K, CRI > 80**

satiné	1788 lm	3484 lm	4273 lm
microprism	1633 lm	3220 lm	3975 lm

Die angegebenen Lichtstromwerte (lm) beziehen sich auf Leuchten mit einem weißen Gehäuse (RAL 9016). Je nach Gehäusefarbe und Durchmesser reduzieren sich diese entsprechend.  
 All figures of luminous flux (lm) are for fixtures with white housing (RAL 9016). Depending on the housing colour and diameter, the luminous flux is reduced accordingly.  
 Les valeurs de flux lumineux (lm) indiquées se réfèrent aux luminaires à corps blanc (RAL 9016). En fonction de la couleur du corps et du diamètre, celles-ci sont réduites en conséquence.  
 I valori indicati di flusso luminoso (lm) si riferiscono a lampade con alloggiamento bianco (RAL 9016). A seconda del diametro e del colore scelto per l'alloggiamento, tali valori possono ridursi.

p. 473



# NEW odelia direct

Aufbauleuchte  
Surface-mount luminaire  
Luminaire en saillie  
A superficie



## 1 SIZE

⊙	ø 330 mm	<b>033</b>
Ⓜ	ø 420 mm	<b>042</b>
Ⓛ	ø 620 mm	<b>062</b>

## 2 COLOUR

		silver - silver	<b>SISI</b>
		black - silver	<b>SWSI</b>
		capital copper - black	<b>CCSW</b>
		glaring gold - black	<b>GGSW</b>
		black - black	<b>SWSW</b>
		capital copper - white	<b>CCWS</b>
		glaring gold - white	<b>GGWS</b>
		black - white	<b>SWSW</b>
		white - white	<b>WSWS</b>
		RAL of your choice (p. 479)	

Gehäuse | housing | logement | alloggi  
Zierring | decorative ring | anneau décoratif | anello decorativo

## 3 LED

	3000 K, CRI > 80	<b>830</b>
	4000 K, CRI > 80	<b>840</b>
	3000 K, CRI > 90	<b>930</b>
	4000 K, CRI > 90	<b>940</b>
	2700 - 6500 K dynamic white, CRI > 90	<b>HCL</b>

## 4 OUTPUT/CONTROL

	low output non-dim	<b>L1</b>
	low output DALI	<b>L3</b>
	high output DALI	<b>H3</b>
	very high output DALI	<b>V3</b>
	dynamic white	<b>X3</b>

## 5 OPTIC

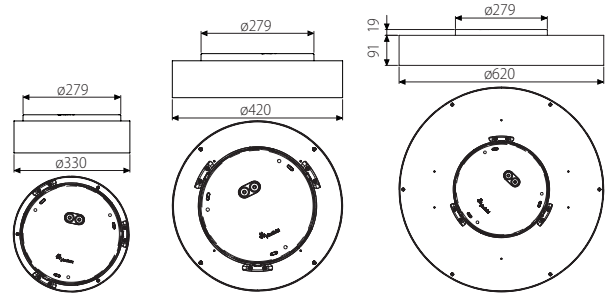
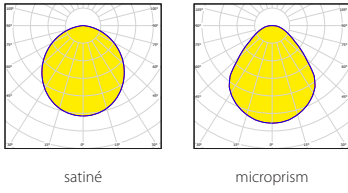
	satiné	<b>S</b>
	microprism UGR < 19 (only low output)	<b>M</b>

F54A 1-2 F1 3 4 5


F54A042-SISIF1830V3S ø 420 mm, silver, 3000 K, CRI > 80, very high output DALI, satiné (order sample)

CONFIGURE ONLINE

katalog.planlicht.com



**LUMINOUS FLUX (LM) / SYSTEM POWER (W)**

4000K satiné	low output CRI > 80	high output CRI > 80	very high output CRI > 80	dynamic white CRI > 90	
ø 330 mm	885 lm / 7,4W	2036 lm / 15W	2524 lm / 18,5W	1578 lm / 15W	2,3 kg
ø 420 mm	1550 lm / 11,5W	3067 lm / 22W	3865 lm / 28W	2377 lm / 22W	3,0 kg
ø 620 mm	3385 lm / 22W	6207 lm / 40W	7884 lm / 51 W	4592 lm / 40W	5,1 kg

**COMPARE COVER Ø 420 MM, 4000 K, CRI > 80**

satiné	1550 lm	3067 lm	3865 lm
microprism	1401 lm	2793 lm	3506 lm

Die angegebenen Lichtstromwerte (lm) beziehen sich auf Leuchten mit einem weißen Gehäuse (RAL 9016). Je nach Gehäusefarbe und Durchmesser reduzieren sich diese entsprechend.  
 All figures of luminous flux (lm) are for fixtures with white housing (RAL 9016). Depending on the housing colour and diameter, the luminous flux is reduced accordingly.  
 Les valeurs de flux lumineux (lm) indiquées se réfèrent aux luminaires à corps blanc (RAL 9016). En fonction de la couleur du corps et du diamètre, celles-ci sont réduites en conséquence.  
 I valori indicati di flusso luminoso (lm) si riferiscono a lampade con alloggiamento bianco (RAL 9016). A seconda del diametro e del colore scelto per l'alloggiamento, tali valori possono ridursi.



# NEW odelia direct - indirect

Aufbauleuchte  
Surface-mount luminaire  
Luminaire en saillie  
A superficie



## 1 SIZE

- M ø420 mm
- L ø620 mm

042  
062

## 2 COLOUR

- |  |  |                             |
|--|--|-----------------------------|
|  |  | silver - silver             |
|  |  | black - silver              |
|  |  | capital copper - black      |
|  |  | glaring gold - black        |
|  |  | black - black               |
|  |  | capital copper - white      |
|  |  | glaring gold - white        |
|  |  | black - white               |
|  |  | white - white               |
|  |  | RAL of your choice (p. 479) |

Gehäuse | housing | logement | alloggi  
Zierring | decorative ring | anneau décoratif | anello decorativo

## 3 LED

- |  |                                       |     |
|--|---------------------------------------|-----|
|  | 3000 K, CRI > 80                      | 830 |
|  | 4000 K, CRI > 80                      | 840 |
|  | 3000 K, CRI > 90                      | 930 |
|  | 4000 K, CRI > 90                      | 940 |
|  | 2700 - 6500 K dynamic white, CRI > 90 | HCL |

SISI  
SWSI  
CCSW  
GGSW  
SWSW  
CCWS  
GGWS  
SWWS  
WSWS



## 4 OUTPUT/CONTROL

- low output non-dim
- low output DALI
- high output DALI
- very high output DALI
- dynamic white

L1  
L3  
H3  
V3  
X3

## 5 OPTIC

- satiné
- microprism UGR < 19 (only low output)

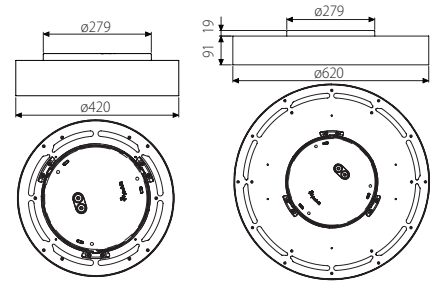
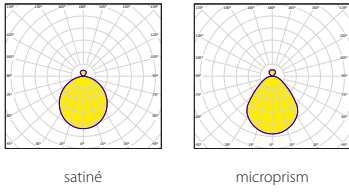
S  
M

F54A 1-2F2 3 4 5


F54A042 - SISIF2830V3S ø420 mm, silver, 3000 K, CRI > 80, very high output DALI, satiné (order sample)

CONFIGURE ONLINE

katalog.planlicht.com



**LUMINOUS FLUX (LM) / SYSTEM POWER (W)**

4000K satiné	low output CRI > 80	high output CRI > 80	very high output CRI > 80	dynamic white CRI > 90	
ø 420 mm	1687 lm / 11,5W	3333 lm / 22W	4145 lm / 28W	2583 lm / 22W	3,1 kg
ø 620 mm	3587 lm / 22W	6502 lm / 40W	8320 lm / 51W	4810 lm / 40W	5,5 kg

**COMPARE COVER Ø 420 MM, 4000 K, CRI > 80**

satiné	1687 lm	3333 lm	4145 lm
microprism	1542 lm	3083 lm	3859 lm

Die angegebenen Lichtstromwerte (lm) beziehen sich auf Leuchten mit einem weißen Gehäuse (RAL 9016). Je nach Gehäusefarbe und Durchmesser reduzieren sich diese entsprechend.  
 All figures of luminous flux (lm) are for fixtures with white housing (RAL 9016). Depending on the housing colour and diameter, the luminous flux is reduced accordingly.  
 Les valeurs de flux lumineux (lm) indiquées se réfèrent aux luminaires à corps blanc (RAL 9016). En fonction de la couleur du corps et du diamètre, celles-ci sont réduites en conséquence.  
 I valori indicati di flusso luminoso (lm) si riferiscono a lampade con alloggiamento bianco (RAL 9016). A seconda del diametro e del colore scelto per l'alloggiamento, tali valori possono ridursi.

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**1 SIZE**

- ⊙ ø 330 mm (direct only)      **033**
- ø 420 mm      **042**
- Ⓜ ø 620 mm      **062**

**2 COLOUR**

- silver      **9006**
- white      **9016**
- black      **9005**
- RAL of your choice (p. 479)

**3 INGRESS PROTECTION**

- IP20      **C**
- IP54 (direct only)      **Q**

**4 DIRECT / INDIRECT**

- direct      **1**
- direct / indirect      **2**

**5 LED**

- 3000 K, CRI > 80      **830**
- 4000 K, CRI > 80      **840**
- 3000 K, CRI > 90      **930**
- 4000 K, CRI > 90      **940**
- 2700 - 6500 K, dynamic white, CRI > 90      **HCL**

**6 OUTPUT / CONTROL**

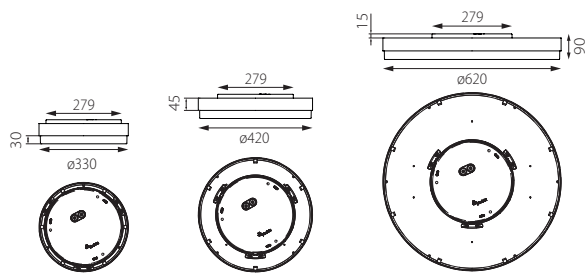
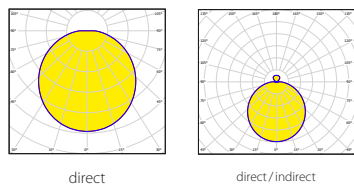
- low output non-dim      **L1**
- low output DALI      **L3**
- high output DALI      **H3**
- dynamic white      **X3**

F52A **1-2-3-4-5-6-S**

F52A042 - 9016Q1840H3S    ø 420 mm, white, IP54, 4000 K, high output DALI (order sample)

**CONFIGURE ONLINE**

[katalog.planlicht.com](http://katalog.planlicht.com)



**LUMINOUS FLUX (LM) / SYSTEM POWER (W)**

4000 K satiné	direct			direct/indirect			kg
	low output CRI > 80	high output CRI > 80	dynamic white CRI > 90	low output CRI > 80	high output CRI > 80	dynamic white CRI > 90	
ø 330 mm	1269 lm / 10,5W	2026 lm / 15W	1570 lm / 15W				2,2 kg
ø 420 mm	1787 lm / 12,5W	3225 lm / 22W	2025 lm / 18W	1924 lm / 12,5W	3491 lm / 22W	2231 lm / 18W	3,1 kg
ø 620 mm	3400 lm / 22W	6142 lm / 40W	4544 lm / 39W	3602 lm / 22W	6437 lm / 40W	4762 lm / 39W	6,1 kg

Die angegebenen Lichtstromwerte (lm) beziehen sich auf Leuchten mit einem weißen Gehäuse (RAL 9016). Je nach Gehäusefarbe und Durchmesser reduzieren sich diese entsprechend.  
 All figures of luminous flux (lm) are for fixtures with white housing (RAL 9016). Depending on the housing colour and diameter, the luminous flux is reduced accordingly.  
 Les valeurs de flux lumineux (lm) indiquées se réfèrent aux luminaires à corps blanc (RAL 9016). En fonction de la couleur du corps et du diamètre, celles-ci sont réduites en conséquence.  
 I valori indicati di flusso luminoso (lm) si riferiscono a lampade con alloggiamento bianco (RAL 9016). A seconda del diametro e del colore scelto per l'alloggiamento, tali valori possono ridursi.



# NEW olmo direct

Aufbauleuchte  
Surface-mount luminaire  
Luminaire en saillie  
A superficie



## 1 SIZE

	330x330 mm	<b>03Q</b>
	456x456 mm	<b>04Q</b>
	594x594 mm	<b>05Q</b>
	892x892 mm	<b>08Q</b>
	1166x1166 mm	<b>11Q</b>

## 2 COLOUR

	silver	<b>9006</b>
	white	<b>9016</b>
	black	<b>9005</b>
	RAL of your choice (p. 479)	

## 3 LED

	3000 K, CRI > 80	<b>830</b>
	4000 K, CRI > 80	<b>840</b>
	3000 K, CRI > 90	<b>930</b>
	4000 K, CRI > 90	<b>940</b>
	2700 - 6500 K dynamic white, CRI > 90	<b>HCL</b>

## 4 OUTPUT / CONTROL

	low output non-dim	<b>L1</b>
	low output DALI	<b>L3</b>
	high output DALI	<b>H3</b>
	dynamic white	<b>X3</b>

## 5 OPTIC

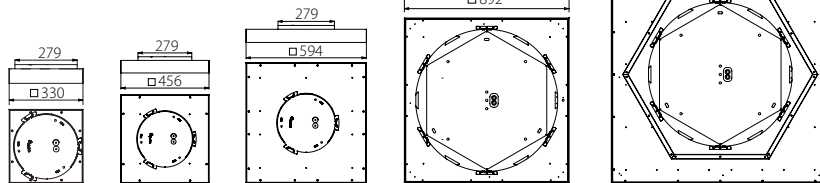
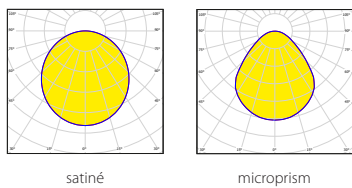
	satiné	<b>S</b>
	microprism UGR < 19 (only low output)	<b>M</b>

F61A **1-2**F1 **3-4-5**


F61A04Q-9016F1830H3S 456x456 mm, white, 3000K, high output DALI, satiné (order sample)

**CONFIGURE ONLINE**

katalog.planlicht.com



**LUMINOUS FLUX (LM) / SYSTEM POWER (W)**

	low output CRI > 80	high output CRI > 80	dynamic white CRI > 90	
4000K satiné				
330×330 mm	1469lm / 10,5W	2653lm / 18,5W	2057lm / 18,5W	2,4 kg
456×456 mm	2882lm / 21W	4603lm / 34W	3568lm / 33W	3,6 kg
594×594 mm	4866lm / 31W	9137lm / 59W	6269lm / 54W	5,4 kg
892×892 mm	10529lm / 67W	19379lm / 129W	12619lm / 110W	20 kg
1166×1166 mm	17069lm / 111W	33369lm / 208W	25868lm / 216W	28,6 kg

**COMPARE COVER 456×456 MM, 4000 K, CRI > 80**

satiné	2882lm	4603lm
microprism	2501lm	3995lm

Die angegebenen Lichtstromwerte (lm) beziehen sich auf Leuchten mit einem weißen Gehäuse (RAL 9016). Je nach Gehäusefarbe und Größe reduzieren sich diese entsprechend.  
 All figures of luminous flux (lm) are for fixtures with white housing (RAL 9016). Depending on the housing colour and size, the luminous flux is reduced accordingly.  
 Les valeurs de flux lumineux (lm) indiquées se réfèrent aux luminaires à corps blanc (RAL 9016). En fonction de la couleur du corps et de la taille, celles-ci sont réduites en conséquence.  
 I valori indicati di flusso luminoso (lm) si riferiscono a lampade con alloggiamento bianco (RAL 9016). A seconda delle dimensioni e del colore scelto per l'alloggiamento, tali valori possono ridursi.



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# NEW olmo direct - indirect

Aufbauleuchte  
Surface-mount luminaire  
Luminaire en saillie  
A superficie



## 1 SIZE

<b>S</b>	456 x 456 mm	<b>04Q</b>
<b>M</b>	594 x 594 mm	<b>05Q</b>
<b>L</b>	892 x 892 mm	<b>08Q</b>
<b>XL</b>	1166 x 1166 mm	<b>11Q</b>

## 2 COLOUR

	silver	<b>9006</b>
	white	<b>9016</b>
	black	<b>9005</b>
	RAL of your choice (p. 479)	

## 3 LED

	3000 K, CRI > 80	<b>830</b>
	4000 K, CRI > 80	<b>840</b>
	3000 K, CRI > 90	<b>930</b>
	4000 K, CRI > 90	<b>940</b>
	2700 - 6500 K dynamic white, CRI > 90	<b>HCL</b>

## 4 OUTPUT / CONTROL

	low output non-dim	<b>L1</b>
	low output DALI	<b>L3</b>
	high output DALI	<b>H3</b>
	dynamic white	<b>X3</b>

## 5 OPTIC

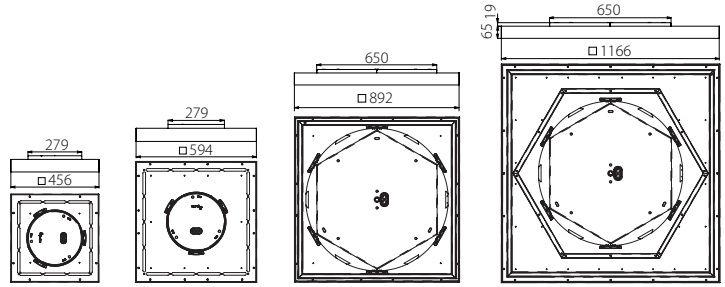
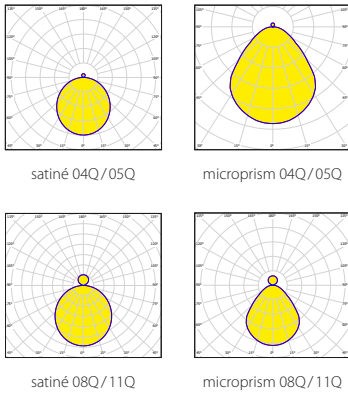
	satiné	<b>S</b>
	microprism UGR < 19 (only low output)	<b>M</b>

F61 1-2 F2 3 4 5


F61A04Q-9016F2830H3S 456x456 mm, white, 3000K, high output DALI, satiné (order sample)

CONFIGURE ONLINE

katalog.planlicht.com



**LUMINOUS FLUX (LM) / SYSTEM POWER (W)**

4000K satiné	low output CRI > 80	high output CRI > 80	dynamic white CRI > 90	
456 × 456 mm	3041 lm / 21 W	4855 lm / 33 W	3763 lm / 33 W	3,6 kg
594 × 594 mm	5044 lm / 31 W	9472 lm / 59 W	6529 lm / 54 W	5,4 kg
892 × 892 mm	12309 lm / 80 W	22972 lm / 148 W	15404 lm / 128 W	20,6 kg
1166 × 1166 mm	19834 lm / 129 W	37431 lm / 242 W	29017 lm / 242 W	29,2 kg

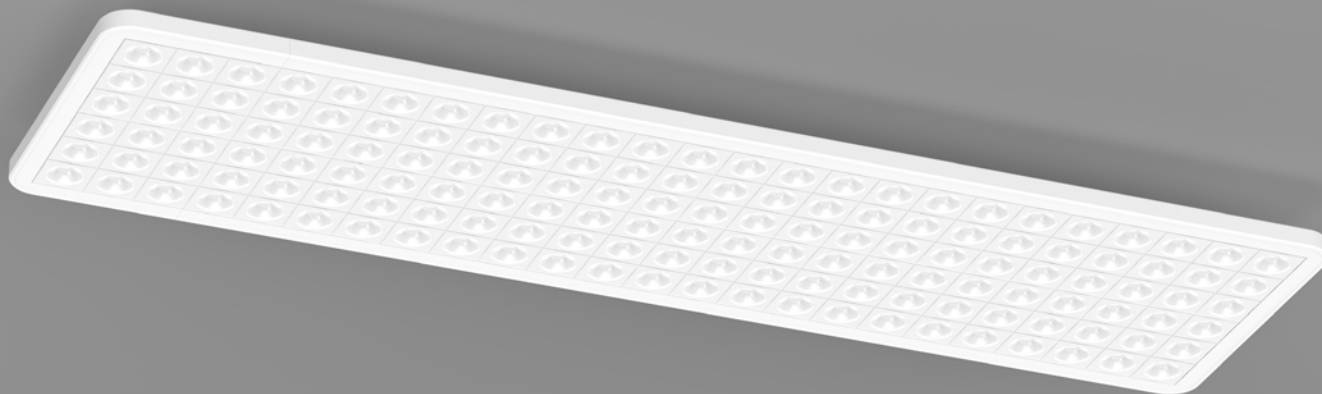
**COMPARE COVER 456 × 456 MM, 4000 K, CRI > 80**

satiné	3041 lm	4855 lm
microprism	2660 lm	4247 lm

Die angegebenen Lichtstromwerte (lm) beziehen sich auf Leuchten mit einem weißen Gehäuse (RAL 9016). Je nach Gehäusefarbe und Größe reduzieren sich diese entsprechend.  
 All figures of luminous flux (lm) are for fixtures with white housing (RAL 9016). Depending on the housing colour and size, the luminous flux is reduced accordingly.  
 Les valeurs de flux lumineux (lm) indiquées se réfèrent aux luminaires à corps blanc (RAL 9016). En fonction de la couleur du corps et de la taille, celles-ci sont réduites en conséquence.  
 I valori indicati di flusso luminoso (lm) si riferiscono a lampade con alloggiamento bianco (RAL 9016). A seconda delle dimensioni e del colore scelto per l'alloggiamento, tali valori possono ridursi.



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## 1 SIZE



1186 mm  
1471 mm

**118**  
**147**




## 2 COLOUR

-  silver **9006**
-  white **9016**
-  black **9005**
-  RAL of your choice (p. 479) 




## 3 DIRECT/INDIRECT

-  direct **1**
-  direct/indirect **2**

## 4 LED

-  3000K, CRI > 90 **930**
-  4000K, CRI > 90 **940**
-  2700 - 6500K, dynamic white, CRI > 80 **HCL**

## 5 CONTROL

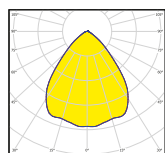
-  non-dim **1**
-  DALI **3**
-  Sensor (direct / indirect only) **7**

T11A**1-2C34x5L**

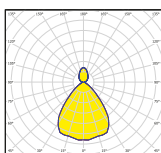
T11A118-9016C2940X3L 1186 mm, white, direct/indirect, 4000K, DALI, (order sample)

**CONFIGURE ONLINE**

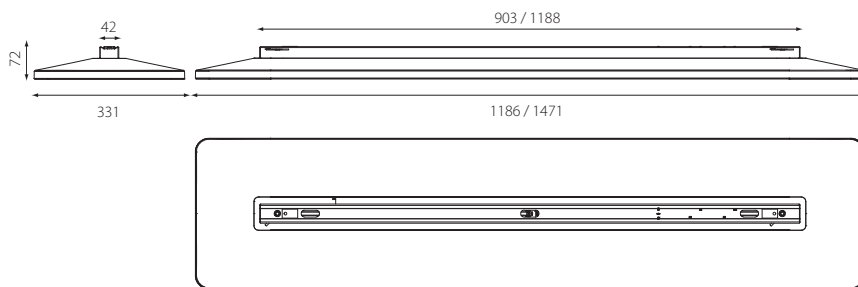
[katalog.planlicht.com](http://katalog.planlicht.com)



direct



direct/indirect



LUMINOUS FLUX (LM) / SYSTEM POWER (W)

	direct			direct/indirect			
	3000 K CRI > 90	4000 K CRI > 90	dynamic white CRI > 80	3000 K CRI > 90	4000 K CRI > 90	dynamic white CRI > 80	
1186 mm	2936 lm / 30W	3274 lm / 30W	3493 lm / 30W	4012 lm / 51W	4467 lm / 51W	4770 lm / 51W	8,4 kg
1471 mm	3563 lm / 37W	3974 lm / 37W	4367 lm / 38W	4669 lm / 56W	5178 lm / 56W	5650 lm / 58W	9,7 kg

ACCESSORIES - DECOCRITIVE FRAME

T11-**1**-**2**-SW

**1** OUTPUT

**2** SIZE

	non-dim DALI	<b>ZRA</b>	1186 mm	<b>118</b>
	Sensor DALI	<b>ZRASD</b>	1471 mm	<b>147</b>
	Sensor dynamic white	<b>ZRASH</b>		

ACCESSORIES - SENSOR DALI

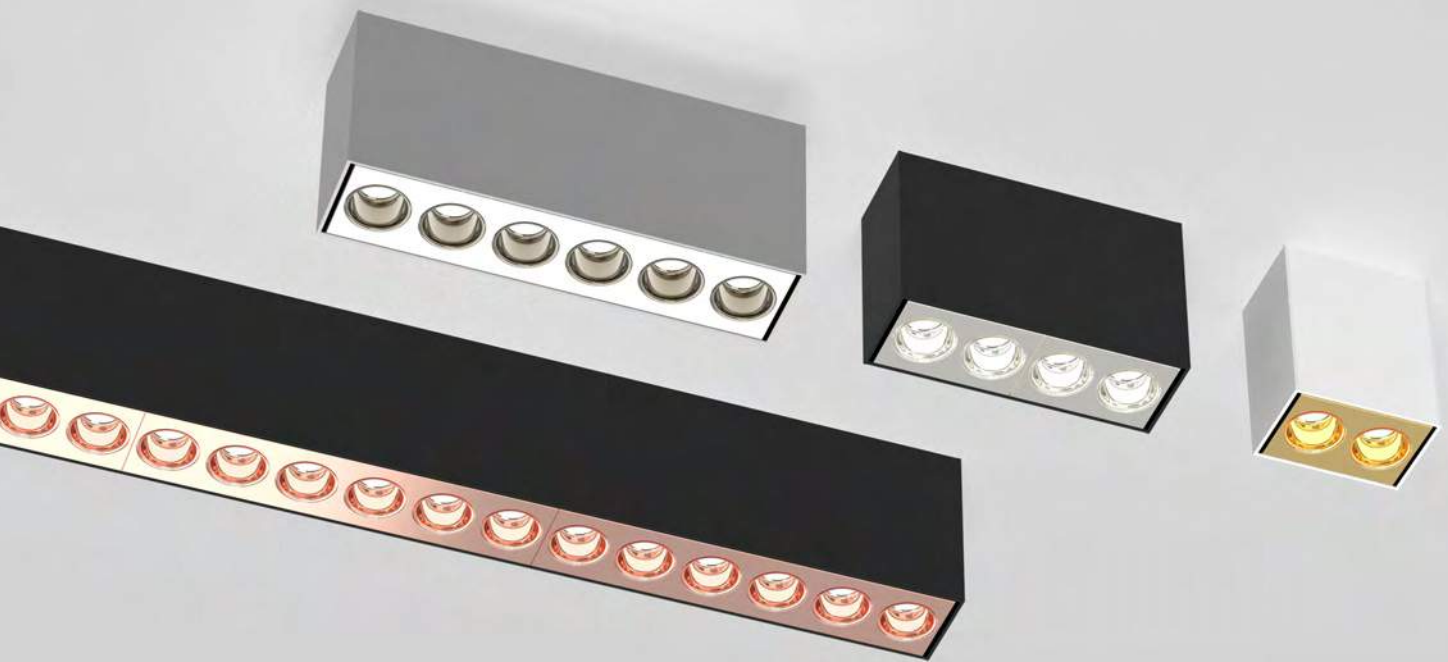
**54P913700359103** Extended IR Programming Tool

**54P913700392403** IR Remote Control



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## 1 SIZE

2 spots - 67 mm	<b>006</b>
4 spots - 127 mm	<b>012</b>
6 spots - 187 mm	<b>018</b>
8 spots - 247 mm	<b>024</b>
12 spots - 367 mm	<b>036</b>
18 spots - 547 mm	<b>054</b>

## 2 LENS TUBE COLOUR

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high-gloss silver	<b>B</b>	black (RAL 9005)	<b>N</b>
silver matte	<b>P</b>	glaring gold	<b>D</b>
high-gloss gold	<b>G</b>	capital copper	<b>R</b>
high-gloss copper	<b>K</b>	gunnery grey	<b>Y</b>
white (RAL 9016)	<b>W</b>	black chrome matte	<b>C</b>

## 3 MASK COLOUR

p. 474

high-gloss silver	<b>B</b>	black (RAL 9005)	<b>N</b>
silver matte	<b>P</b>	glaring gold	<b>D</b>
high-gloss gold	<b>G</b>	capital copper	<b>R</b>
high-gloss copper	<b>K</b>	gunnery grey	<b>Y</b>
white (RAL 9016) *	<b>W</b>	black chrome matte	<b>C</b>
UGR > 19			

## 4 HOUSING COLOUR

	silver	<b>SI</b>
	white	<b>WS</b>
	black	<b>SW</b>
	RAL of your choice (p. 479)	

## 5 LED

	2700 K, CRI > 90	<b>927</b>
	3000 K, CRI > 90	<b>930</b>
	4000 K, CRI > 90	<b>940</b>
	2700-6500 K, dynamic white, CRI > 90	<b>HCL</b>

## 6 OUTPUT

	medium output	<b>M</b>
	dynamic white	<b>X</b>

## 7 DIM

	non-dim	<b>1</b>
	DALI, dynamic white	<b>3</b>

## 8 BEAM ANGLE

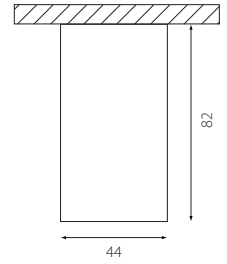
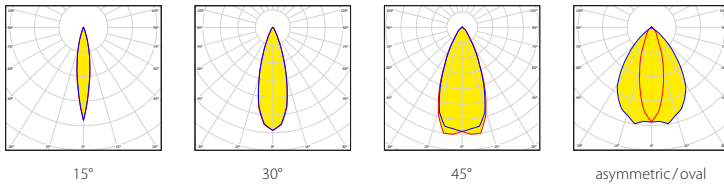
	15°	<b>1</b>
	30°	<b>3</b>
	45°	<b>4</b>
	asymmetric / oval	<b>A</b>

S44A 1-2 3 4 C1 5 6 7 8

S44A024-KYWSC1HCLX3A Surface-mount, 8 spots, lens tube high-gloss cooper, mask gunnery grey, housing white, asymmetric, dynamic white (order sample)

**CONFIGURE ONLINE**

[catalog.planlicht.com](http://catalog.planlicht.com)



**LUMINOUS FLUX (LM) ANTO+ / LENS TUBE SILVER MATTE**

	2700 K CRI > 90				3000 K CRI > 90				4000 K output CRI > 90				dynamic white CRI > 90			
	15°	30°	45°	asym.	15°	30°	45°	asym.	15°	30°	45°	asym.	15°	30°	45°	asym.
2 spots	241 lm	220 lm	184 lm	193 lm	246 lm	224 lm	188 lm	197 lm	256 lm	234 lm	196 lm	205 lm				
4 spots	478 lm	435 lm	365 lm	382 lm	487 lm	444 lm	372 lm	390 lm	507 lm	463 lm	389 lm	406 lm				
6 spots	737 lm	672 lm	564 lm	590 lm	752 lm	685 lm	575 lm	602 lm	783 lm	714 lm	600 lm	627 lm				
8 spots	990 lm	901 lm	756 lm	791 lm	1008 lm	919 lm	770 lm	807 lm	1050 lm	958 lm	805 lm	840 lm				
12 spots	1526 lm	1391 lm	1167 lm	1221 lm	1557 lm	1418 lm	1190 lm	1246 lm	1621 lm	1478 lm	1242 lm	1298 lm				
18 spots	2211 lm	2016 lm	1692 lm	1770 lm	2256 lm	2055 lm	1725 lm	1806 lm	2349 lm	2142 lm	1800 lm	1881 lm	1128 lm	1028 lm	863 lm	903 lm

**SYSTEM POWER (W)**

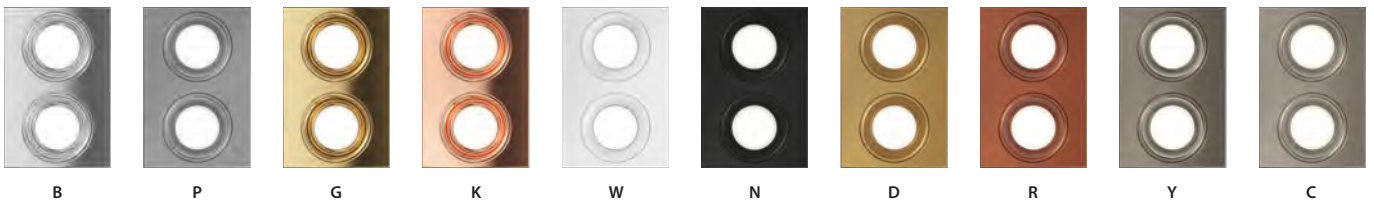
	dyn. white		
2 spots	4,1W		
4 spots	7,7W		390 g
6 spots	10W		520 g
8 spots	14W		680 g
12 spots	19W		950 g
18 spots	29W	17W	1310 g

**VARIATIONS ANTO+ SURFACE-MOUNT**

	MEDIUM OUTPUT		DYNAMIC WHITE
	non-dim	DALI	
2 spots	●	-	-
4 spots	●	-	-
6 spots	●	-	-
8 spots	●	●	-
12 spots	●	●	-
18 spots	●	●	●

● YES  
- NO

**3 MASK COLOUR**



**COMPARE LENS TUBES ANTO+ / SURFACE-MOUNTED 18 SPOTS**

lens tube	2700 K				3000 K				4000 K				dynamic white *			
	15°	30°	45°	asym.	15°	30°	45°	asym.	15°	30°	45°	asym.	15°	30°	45°	asym.
silver matte	2211 lm	2016 lm	1692 lm	1770 lm	2256 lm	2055 lm	1725 lm	1806 lm	2349 lm	2142 lm	1800 lm	1181 lm	1128 lm	1028 lm	863 lm	903 lm
high-gloss silver	2364 lm	2169 lm	1986 lm	2124 lm	2412 lm	2211 lm	2025 lm	2166 lm	2511 lm	2307 lm	2112 lm	2303 lm	1206 lm	1106 lm	1013 lm	1083 lm
white 9016	2307 lm	2124 lm	1848 lm	1944 lm	2352 lm	2166 lm	1884 lm	1983 lm	2451 lm	2256 lm	1965 lm	2150 lm	1177 lm	1083 lm	943 lm	991 lm
black 9005	2118 lm	1920 lm	1497 lm	1494 lm	2160 lm	1959 lm	1527 lm	1524 lm	2250 lm	2040 lm	1590 lm	1587 lm	1080 lm	979 lm	763 lm	762 lm
high-gloss gold	2349 lm	2154 lm	1983 lm	2121 lm	2397 lm	2196 lm	2022 lm	2163 lm	2496 lm	2289 lm	2109 lm	2277 lm	1198 lm	1097 lm	1011 lm	1082 lm
high gloss copper	2325 lm	2145 lm	1983 lm	2067 lm	2373 lm	2187 lm	2022 lm	2109 lm	2472 lm	2280 lm	2106 lm	2213 lm	1186 lm	1094 lm	1011 lm	1054 lm
glaring gold	2172 lm	1971 lm	1584 lm	1644 lm	2214 lm	2010 lm	1617 lm	1677 lm	2310 lm	2094 lm	1683 lm	1746 lm	1108 lm	1005 lm	808 lm	838 lm
capital copper	2151 lm	1944 lm	1512 lm	1566 lm	2193 lm	1983 lm	1542 lm	1596 lm	2286 lm	2067 lm	1608 lm	1665 lm	1097 lm	991 lm	771 lm	799 lm
gunnery grey	2202 lm	1980 lm	1590 lm	1650 lm	2247 lm	2019 lm	1623 lm	1683 lm	2340 lm	2106 lm	1689 lm	1755 lm	1123 lm	1010 lm	811 lm	842 lm
black chrome matte	2244 lm	2043 lm	1716 lm	1803 lm	2289 lm	2085 lm	1749 lm	1839 lm	2385 lm	2172 lm	1824 lm	1914 lm	1144 lm	1042 lm	875 lm	920 lm

\* dynamic white lumens = 2700 K, Lumens 6500 K ca. +11%






# NEW zenit M

Aufbaustrahler  
Surface mount luminaire  
Spot en saillie  
Faretto a plafone



## 1 HOUSING COLOUR













-  white
-  black
-  any other RAL colour on request

SWWS





SWSW





## 2 LED

-  LF830 3000 K, CRI > 80 **830**
-  LF840 4000 K, CRI > 80 **840**
-  LF927 2700 K, CRI > 90 **927**
-  LF930 3000 K, CRI > 90 **930**
-  LF935 3500 K, CRI > 90 **935**
-  LF940 4000 K, CRI > 90 **940**
-  LF932 3250 K Fashion **FAS**
-  Bakery goods **BAC**
-  Meat **FLE**
-  Sausage products **WUR**
-  Fish **FIS**
-  Fruit & vegetables **FRU**




## 3 OUTPUT

-  low output **L**
-  medium output **M**
-  high output **H**
-  very high output **V**

## 4 CONTROL

-  non-dim **1**
-  DALI **3**

## 5 REFLECTOR

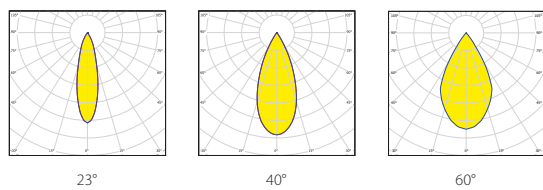
-  23° **2**
-  40° **4**
-  60° **6**

S10A200-1-C1 2 3 4 5

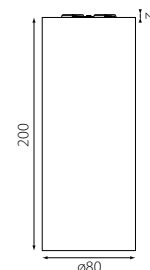
S10A200-SWWS-C1940H14 white, LF940, high output, non-dim, 40° (order sample)

CONFIGURE ONLINE

katalog.planlicht.com



 Weight (kg)  
0,9 kg



#### LUMINOUS FLUX (LM) / SYSTEM POWER (W)

	low output / 9,3 - 10W			medium output / 11 - 12W			high output / 17 - 18,5W			very high output / 22 - 24W		
	23°	40°	60°	23°	40°	60°	23°	40°	60°	23°	40°	60°
LF830 3000K	1112 lm	1107 lm	1088 lm	1322 lm	1316 lm	1293 lm	1931 lm	1917 lm	1884 lm	2505 lm	2482 lm	2440 lm
LF840 4000K	1180 lm	1164 lm	1144 lm	1404 lm	1384 lm	1360 lm	2050 lm	2023 lm	1988 lm	2658 lm	2624 lm	2579 lm
LF927 2700K	901 lm	899 lm	884 lm	1072 lm	1069 lm	1051 lm	1565 lm	1565 lm	1538 lm	2029 lm	2018 lm	1983 lm
LF930 3000K	944 lm	952 lm	936 lm	1122 lm	1130 lm	1111 lm	1629 lm	1643 lm	1615 lm	2102 lm	2120 lm	2084 lm
LF935 3500K	967 lm	974 lm	957 lm	1151 lm	1159 lm	1139 lm	1687 lm	1696 lm	1667 lm	2196 lm	2203 lm	2165 lm
LF940 4000K	976 lm	989 lm	972 lm	1161 lm	1175 lm	1155 lm	1696 lm	1713 lm	1684 lm	2199 lm	2219 lm	2181 lm
FAS	880 lm	880 lm	837 lm	1047 lm	1046 lm	995 lm	1531 lm	1523 lm	1449 lm	1988 lm	1969 lm	1873 lm
BAC	604 lm	598 lm	569 lm	716 lm	710 lm	675 lm	1038 lm	1034 lm	984 lm	1333 lm	1336 lm	1271 lm
FLE	604 lm	598 lm	569 lm	717 lm	710 lm	675 lm	1039 lm	1031 lm	981 lm	1334 lm	1328 lm	1263 lm
WUR	570 lm	568 lm	540 lm	679 lm	676 lm	643 lm	994 lm	990 lm	942 lm	1293 lm	1287 lm	1224 lm
FIS	924 lm	924 lm	879 lm	1100 lm	1098 lm	1044 lm	1608 lm	1599 lm	1521 lm	2088 lm	2067 lm	1966 lm
FRU	774 lm	769 lm	731 lm	930 lm	924 lm	879 lm	1403 lm	1396 lm	1328 lm	1879 lm	1875 lm	1783 lm

#### OPTIONAL ACCESSORY

Blendschutz-Wabenraster   Honeycomb glare protection   Filtre anti-éblouissement nid d'abeilles   Filtro anti-abbagliamento a nido d'ape	<b>S10-BLE-80</b>
Ovalzeichnerlinse   Refractor for elliptical distribution   Lentille ovalisante   Lenti ovalizzanti	<b>S10-OZL-80</b>
Klares Schutzglas   Clear protective glass   Verre de protection transparent   Vetro di protezione trasparente	<b>S10-SGL-80</b>
Weichzeichnerglas   Diffusor protection glass   Verre effet flou   Vetro con effetto sfocatura	<b>S10-WGL-80</b>

Reflektortausch werkzeuglos möglich. Passive Kühlung.

Replacement of the reflector without the use of any tools. Passive cooling.

Remplacement du réflecteur sans outil. Refroidissement passif.

Sostituzione del riflettore senza utensili. Raffreddamento passivo.






# NEW zenit M

Aufbaustrahler  
Surface mount luminaire  
Spot en saillie  
Faretto a plafone



## 1 HOUSING COLOUR

-  white
-  black
-  any other RAL colour on request

SWWS





SWSW



## 2 LED

-  LF830 3000 K, CRI > 80
-  LF840 4000 K, CRI > 80
-  LF927 2700 K, CRI > 90
-  LF930 3000 K, CRI > 90
-  LF935 3500 K, CRI > 90
-  LF940 4000 K, CRI > 90
-  LF932 3250 K Fashion
-  Bakery goods
-  Meat
-  Sausage products
-  Fish
-  Fruit & vegetables

## 3 OUTPUT

-  low output **L**
-  medium output **M**
-  high output **H**
-  very high output **V**

## 4 CONTROL

-  non-dim
-  DALI

1

3

## 5 REFLECTOR

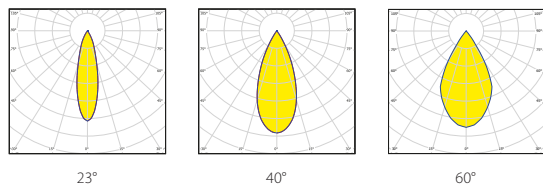
-  23° **2**
-  40° **4**
-  60° **6**

S10B200-1-C1 2 3 4 5

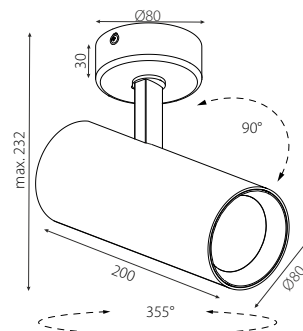
S10B200-SWWS-C1940H14 white, LF940, high output, non-dim, 40° (order sample)

CONFIGURE ONLINE

katalog.planlicht.com



Weight (kg)  
1,1 kg



**LUMINOUS FLUX (LM) / SYSTEM POWER (W)**

	low output / 9,3 - 10W			medium output / 11 - 12W			high output / 17 - 18,5W			very high output / 22 - 24W		
	23°	40°	60°	23°	40°	60°	23°	40°	60°	23°	40°	60°
LF830 3000K	1112 lm	1107 lm	1088 lm	1322 lm	1316 lm	1293 lm	1931 lm	1917 lm	1884 lm	2505 lm	2482 lm	2440 lm
LF840 4000K	1180 lm	1164 lm	1144 lm	1404 lm	1384 lm	1360 lm	2050 lm	2023 lm	1988 lm	2658 lm	2624 lm	2579 lm
LF927 2700K	901 lm	899 lm	884 lm	1072 lm	1069 lm	1051 lm	1565 lm	1565 lm	1538 lm	2029 lm	2018 lm	1983 lm
LF930 3000K	944 lm	952 lm	936 lm	1122 lm	1130 lm	1111 lm	1629 lm	1643 lm	1615 lm	2102 lm	2120 lm	2084 lm
LF935 3500K	967 lm	974 lm	957 lm	1151 lm	1159 lm	1139 lm	1687 lm	1696 lm	1667 lm	2196 lm	2203 lm	2165 lm
LF940 4000K	976 lm	989 lm	972 lm	1161 lm	1175 lm	1155 lm	1696 lm	1713 lm	1684 lm	2199 lm	2219 lm	2181 lm
FAS	880 lm	880 lm	837 lm	1047 lm	1046 lm	995 lm	1531 lm	1523 lm	1449 lm	1988 lm	1969 lm	1873 lm
BAC	604 lm	598 lm	569 lm	716 lm	710 lm	675 lm	1038 lm	1034 lm	984 lm	1333 lm	1336 lm	1271 lm
FLE	604 lm	598 lm	569 lm	717 lm	710 lm	675 lm	1039 lm	1031 lm	981 lm	1334 lm	1328 lm	1263 lm
WUR	570 lm	568 lm	540 lm	679 lm	676 lm	643 lm	994 lm	990 lm	942 lm	1293 lm	1287 lm	1224 lm
FIS	924 lm	924 lm	879 lm	1100 lm	1098 lm	1044 lm	1608 lm	1599 lm	1521 lm	2088 lm	2067 lm	1966 lm
FRU	774 lm	769 lm	731 lm	930 lm	924 lm	879 lm	1403 lm	1396 lm	1328 lm	1879 lm	1875 lm	1783 lm

**OPTIONAL ACCESSORY**

Blendschutz-Wabenraster   Honeycomb glare protection   Filtre anti-éblouissement nid d'abeilles   Filtro anti-abbagliamento a nido d'ape	<b>S10-BLE-80</b>
Ovalzeichnerlinse   Refractor for elliptical distribution   Lentille ovalisante   Lenti ovalizzanti	<b>S10-OZL-80</b>
Klares Schutzglas   Clear protective glass   Verre de protection transparent   Vetro di protezione trasparente	<b>S10-SGL-80</b>
Weichzeichnerglas   Diffusor protection glass   Verre effet flou   Vetro con effetto sfocatura	<b>S10-WGL-80</b>

Reflektortausch werkzeuglos möglich. Passive Kühlung.  
 Replacement of the reflector without the use of any tools. Passive cooling.  
 Remplacement du réflecteur sans outil. Refroidissement passif.  
 Sostituzione del riflettore senza utensili. Raffreddamento passivo.



230V | up to L90/50.000 h | up to 118 lm/W | up to 2658 lm | IEC 62471: Blue light hazard: RG ≤ 1 | MacAdam 3

# spacetube

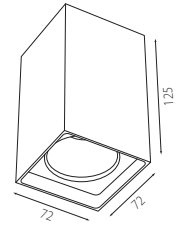
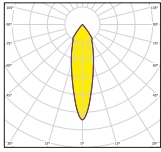
Aufbaustrahler  
Surface mount luminaire  
Spot en saillie  
Faretto a plafone



1 TYPE	2 COLOUR	3 LED	4 ORDER NUMBER
 spacetube R	 white	 3000K	740118WS-V2
	 black	 3000K	740118SW-V2
	 silver	 3000K	740118SI-V2
 spacetube E	 white	 3000K	740117WS-V2
	 black	 3000K	740117SW-V2
	 silver	 3000K	740117SI-V2

**CONFIGURE ONLINE**

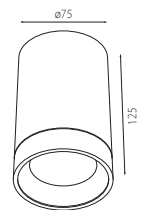
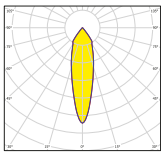
[katalog.planlicht.com](http://katalog.planlicht.com)



**LUMINOUS FLUX (LM) / SYSTEM POWER (W)**

spacetube E

	white	black	silver		
3000K CRI > 90	921 lm	914 lm	926 lm	10,5W	0,5 kg



**LUMINOUS FLUX (LM) / SYSTEM POWER (W)**

spacetube R

	white	black	silver		
3000K CRI > 90	921 lm	879 lm	939 lm	10,5W	0,7 kg

Die angegebenen Lichtstromwerte (lm) beziehen sich auf Leuchten mit einem weißen Gehäuse (RAL 9016). Je nach Gehäusefarbe reduzieren sich diese entsprechend.  
 All figures of luminous flux (lm) are for fixtures with white housing (RAL 9016). Depending on the housing colour, the luminous flux is reduced accordingly.  
 Les valeurs de flux lumineux (lm) indiquées se réfèrent aux luminaires à corps blanc (RAL 9016). En fonction de la couleur du corps, celles-ci sont réduites en conséquence.  
 I valori indicati di flusso luminoso (lm) si riferiscono a lampade con alloggiamento bianco (RAL 9016). A seconda del colore scelto per l'alloggiamento tali valori possono ridursi.











# spotlight 80

Aufbaustrahler  
Surface mount luminaire  
Spot en saillie  
Faretto a plafone



1 TYPE	2 COLOUR	3 ORDER NUMBER
--------	----------	----------------

 spotlight 80R	 white	740107WS-V2
	 black	740107SW-V2
 spotlight 80E	 white	740108WS-V2
	 black	740108SW-V2

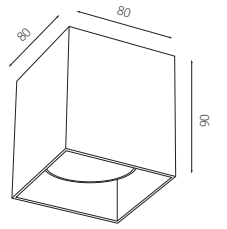
**CONFIGURE ONLINE**

[katalog.planlicht.com](http://katalog.planlicht.com)

 max. 50W Gu10/PAR16

**LAMP GU10**

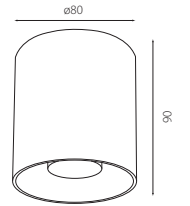
54P929002495902	LED Gu10 dim	4W	2700K	345 lm	36°
54P929002068302	LED Gu10 dim	4W	3000K	345 lm	36°



 max. 50W Gu10/PAR16

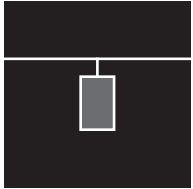
**LAMP GU10**

54P929002495902	LED Gu10 dim	4W	2700K	345 lm	36°
54P929002068302	LED Gu10 dim	4W	3000K	345 lm	36°



# PENDANT

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Hängeleuchte  
*Pendant luminaire*  
*Suspension*  
*Sospensione*

2.2

Profileleuchten - Profile luminaires



**P.THIRTY** *NEW*  
minimalistic profile  
p. 256



**P.FORTY**  
light technology meets eye comfort  
p. 258



**PURE 3**  
most flexible profile  
p. 260



**PURE 3 TRIFLECT** *NEW*  
profile with integrated downlight  
p. 264



**PURE 2 IP54**  
splash proof profile  
p. 268



**QUADRO**  
design meets performance  
p. 270



**QUADRO.QUIET**  
design meets silence  
p. 274



**SINUS**  
rings and curves  
p. 276



**SINUS.QUIET**  
rings, curves and acoustic luminaires  
p. 278



**HALO**  
atmosphere ring luminaire  
p. 280



**SQING**  
half square, half ring  
p. 282

Flächenleuchten - Area luminaires



**OPHELIA** *NEW*  
ultra efficient round luminaire  
p. 284



**ODELIA** *NEW*  
the elegant surface luminaire  
p. 288



**LILIBET** *NEW*  
round luminaire with iconic diffuser  
p. 292



**OLMO** *NEW*  
ultra efficient square luminaire  
p. 294

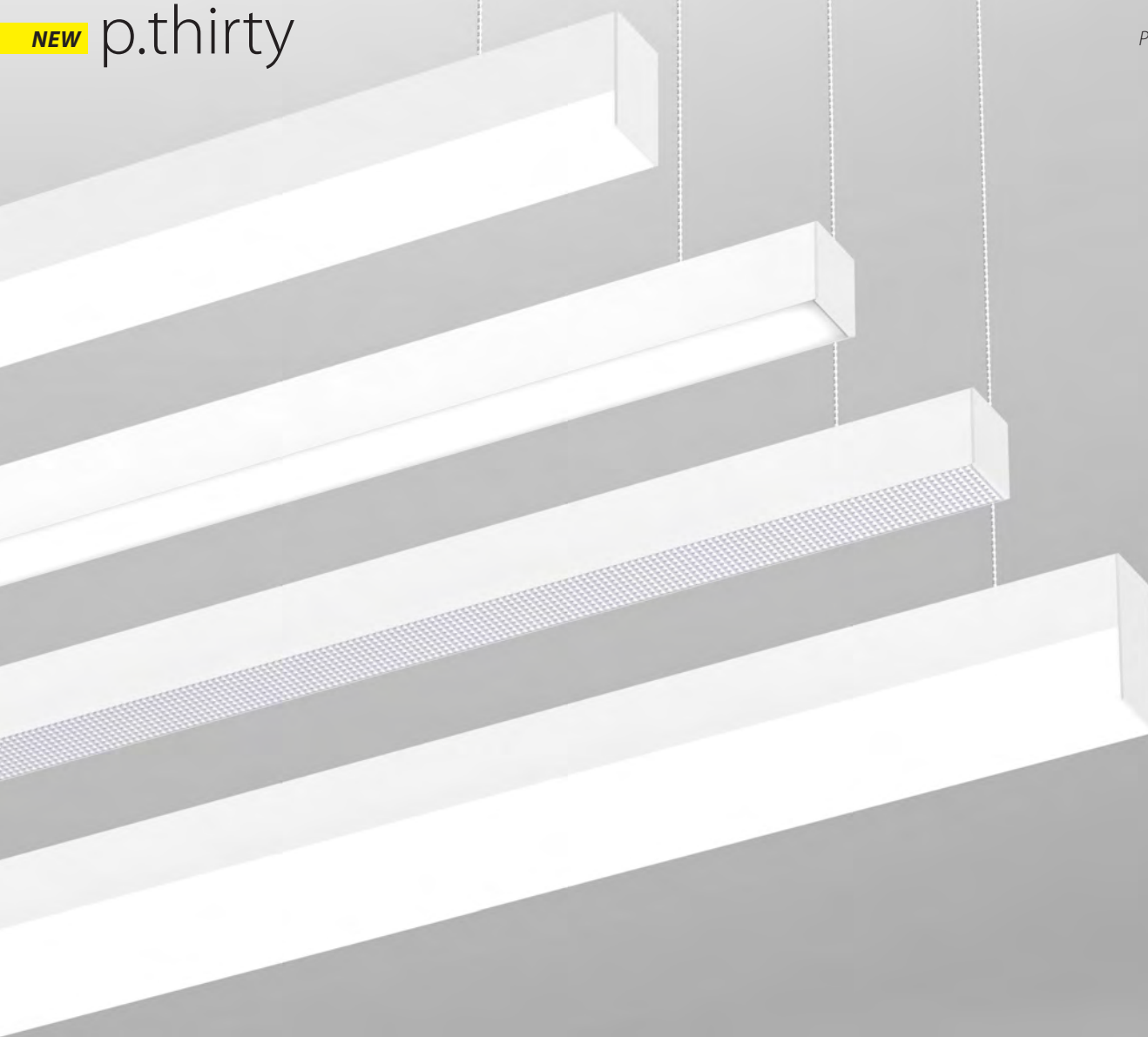























**SKAI**  
flat office design luminaire  
p. 298

Downlights - Downlights



**ZENIT M** *NEW*  
designer's spot light  
p. 300



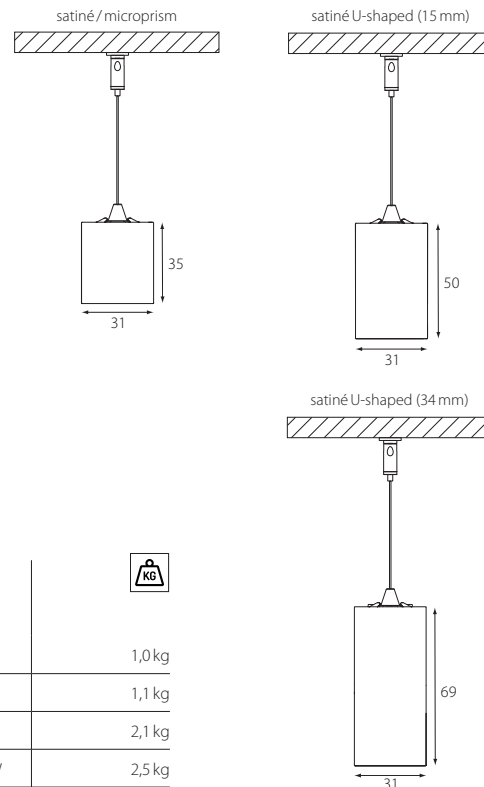
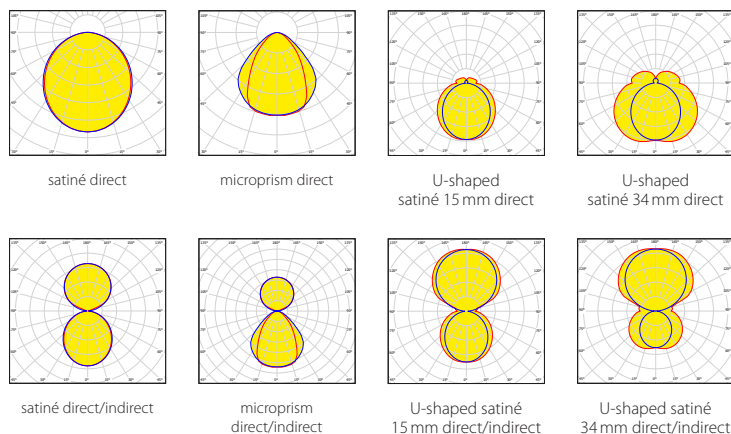
<p><b>1 SIZE</b></p>  <p>p. 386</p> <p>1187 mm <b>118</b></p> <p>1457 mm <b>145</b></p> <p>2899 mm <b>289</b></p> <p>3531 mm <b>353</b></p> <p>4341 mm <b>434</b></p>	<p><b>2 COLOUR</b></p> <p> silver <b>9006</b></p> <p> white <b>9016</b></p> <p> black <b>9005</b></p> <p> RAL of your choice (p. 479) </p>	<p><b>4 DIRECT / INDIRECT</b></p> <p> direct <b>1</b></p> <p> direct/indirect <b>2</b></p>
<p><b>5 LED</b></p> <p> 2700 K, CRI &gt; 90 <b>927</b></p> <p> 3000 K, CRI &gt; 90 <b>930</b></p> <p> 4000 K, CRI &gt; 90 <b>940</b></p>	<p><b>6 OUTPUT / CONTROL</b></p> <p>  low output non-dim <b>L1</b></p> <p>  low output DALI <b>L3</b></p> <p>  high output DALI <b>H3</b></p>	<p><b>7 OPTIC</b></p> <p> satiné <b>S</b></p> <p> microprism* <b>M</b></p> <p> U-shaped satiné, 15 mm <b>U</b></p> <p> U-shaped satiné, 34 mm <b>Q</b></p> <p>*Version direct-indirect UGR &lt; 19</p>

P30H**1-2c34567**

P30H118-9016C1930H3S 1187 mm, white, IP20, direct, 3000 K, high output DALI, satiné (order sample)

**CONFIGURE ONLINE**

katalog.planlicht.com



**LUMINOUS FLUX (LM) / SYSTEM POWER (W), CRI > 90**

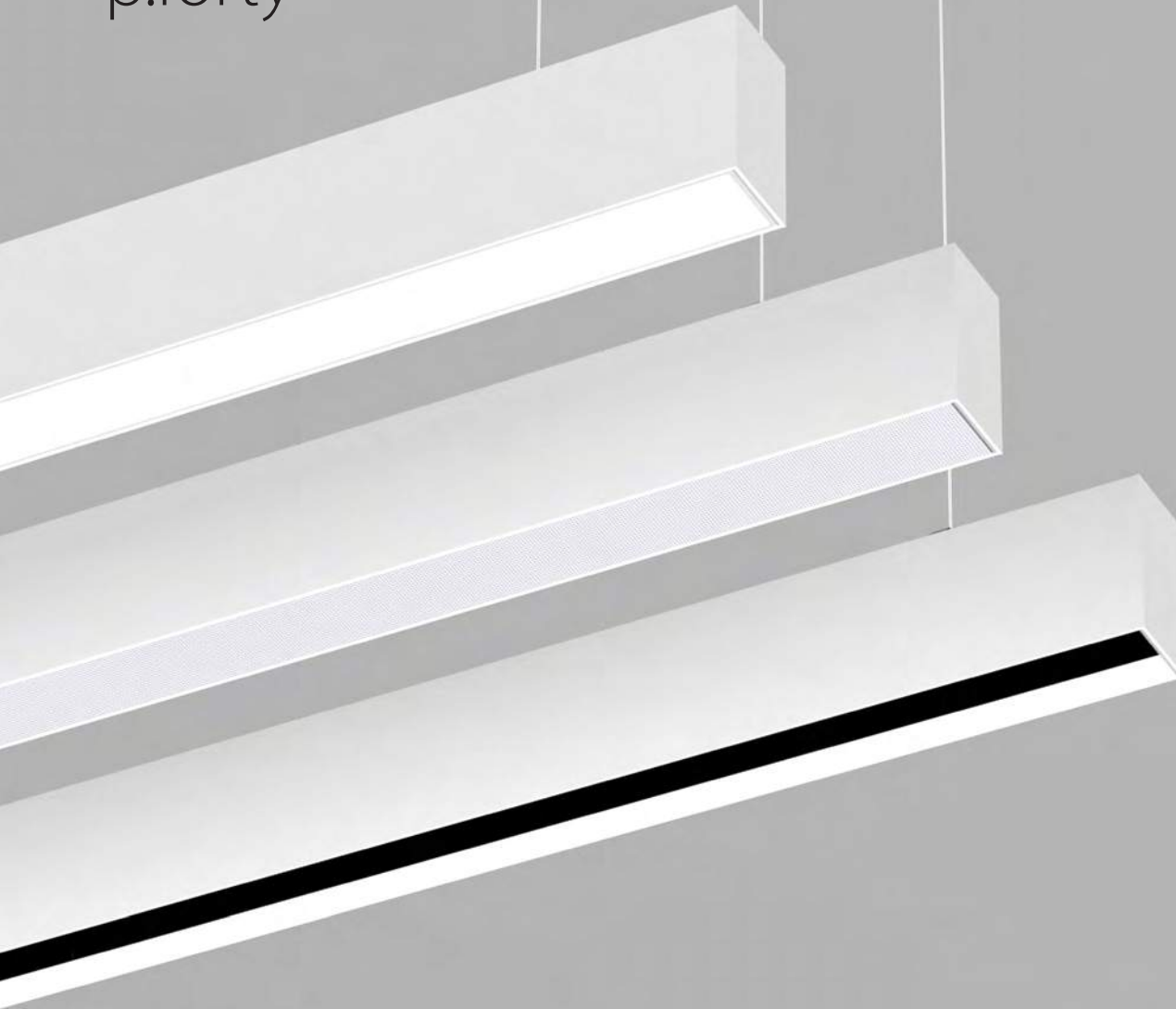
4000 K satiné	direct		direct / indirect		
	low output	high output	low output	high output	
1187 mm	1629 lm / 14,5 W	2327 lm / 21 W	3060 lm / 25 W	4343 lm / 36 W	1,0 kg
1457 mm	2002 lm / 17 W	2862 lm / 25 W	3913 lm / 31 W	5556 lm / 44 W	1,1 kg
2899 mm	3989 lm / 34 W	5711 lm / 50 W	8143 lm / 63 W	11572 lm / 91 W	2,1 kg
3531 mm	4858 lm / 43 W	6957 lm / 62 W	9976 lm / 77 W	14178 lm / 112 W	2,5 kg
4341 mm	5974 lm / 51 W	8559 lm / 74 W	12217 lm / 95 W	17370 lm / 137 W	3,1 kg

**COMPARE COVER 1457 MM, 4000 K, CRI > 90**

	low output	high output	low output	high output
satiné	2002 lm	2862 lm	3913 lm	5556 lm
microprism*	2065 lm	2953 lm	3976 lm	5647 lm
U-shaped satiné (15 mm)	2109 lm	3023 lm	4020 lm	5717 lm
U-shaped satiné (34 mm)	2219 lm	3181 lm	4130 lm	5875 lm

\*Der angegebene Lichtstrom bezieht sich auf die Leuchte mit klarer mikroprismatischer Abdeckung. Die Leuchte wird mit satinierter Folie zur Erhöhung der Homogenität geliefert (Direkt strahlend: -13,9% , direkt/indirekt strahlend: -6,9% Lichtstrom).  
 Die angegebenen Lichtstromwerte (lm) beziehen sich auf Leuchten mit einem weißen Gehäuse (RAL 9016). Je nach Gehäusefarbe und Länge reduzieren sich diese entsprechend (bezieht sich nur auf U-förmige Abdeckungen).  
 The indicated luminous flux corresponds to the luminaire with a clear microprismatic diffusor. The luminaire is delivered with a satinized-foil for increased homogeneity (direct: -13,9%, direct-indirect: -6,9% luminous flux).  
 All figures of luminous flux (lm) are for fixtures with white housing (RAL 9016). Depending on the housing colour and length, the luminous flux is reduced accordingly. This only applies to U-shaped optics.  
 Le flux lumineux indiqué correspond au luminaire avec diffuseur microprismatique transparent. Le luminaire est livré avec un film satiné pour optimiser l'homogénéité (direct: -13,9 %, direct-indirect: -6,9 % sur le flux lumineux).  
 Les valeurs de flux lumineux (lm) indiquées se réfèrent aux luminaires à corps blanc (RAL 9016). En fonction de la couleur du corps et de la longueur, celles-ci sont réduites en conséquence (se réfère uniquement aux caches en forme de U).  
 Il flusso luminoso indicato corrisponde all'apparecchio con diffusore microprismatico trasparente. La lampada é fornita con una pellicola satinata per ottimizzare l'omogeneità (diretto: -13,9%, diretto-indiretto: -6,9% del flusso luminoso).  
 I valori indicati di flusso luminoso (lm) si riferiscono a lampade con alloggiamento bianco (RAL 9016). A seconda della lunghezza e del colore scelto per l'alloggiamento, tali valori possono ridursi (esclusivamente in caso di coperture a U).





**1 SIZE**

1134 mm	<b>113</b>
1414 mm	<b>141</b>
1694 mm	<b>169</b>
2254 mm	<b>225</b>
2818 mm	<b>281</b>
3378 mm	<b>337</b>
4498 mm	<b>449</b>

**2 COLOUR**

	silver	<b>9006</b>
	white	<b>9016</b>
	black	<b>9005</b>
	RAL of your choice (p. 479)	

**3 DIRECT / INDIRECT**

	direct	<b>1</b>
	direct / indirect	<b>2</b>

**4 LED**

	3000K, CRI > 80	<b>830</b>
	4000K, CRI > 80	<b>840</b>
	3000K, CRI > 90	<b>930</b>
	4000K, CRI > 90	<b>940</b>
	2700 - 6500K, dynamic white, CRI > 90	<b>HCL</b>

**5 OUTPUT / CONTROL**

	low output non-dim	<b>L1</b>
	low output DALI	<b>L3</b>
	high output DALI	<b>H3</b>
	dynamic white	<b>X3</b>

**6 OPTIC**

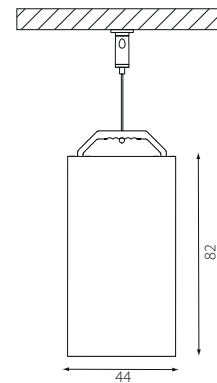
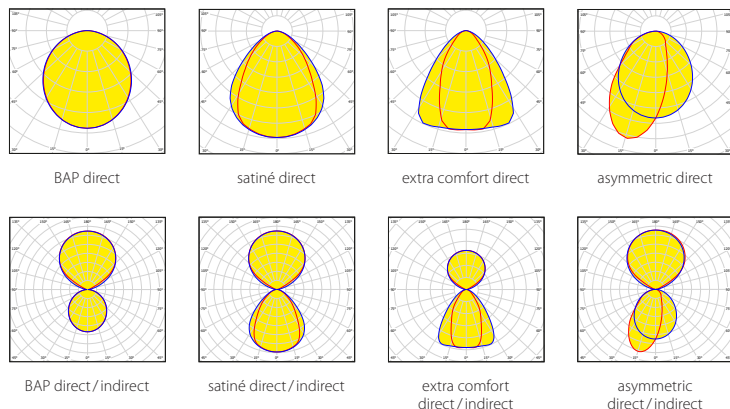
	satiné	<b>S</b>
	microprism UGR < 19	<b>M</b>
	asymmetric	<b>A</b>
	extra comfort (low output only) UGR < 19	<b>E</b>

P40H **1-2-3-4-5**

P40H141 - 9016C1840H3S 1414 mm, white, direct, 4000K, high output DALI, satiné (order sample)

**CONFIGURE ONLINE**

katalog.planlicht.com



**LUMINOUS FLUX (LM) / SYSTEM POWER (W)**

4000K satiné	direct				KG	direct/indirect				KG
	low output CRI > 80	high output CRI > 80	dynamic white CRI > 90			low output CRI > 80	high output CRI > 80	dynamic white CRI > 90		
1134 mm	1664 lm / 14,5W	2879 lm / 25W	2208 lm / 26W	2,6 kg	3816 lm / 26W	6692 lm / 48W	5009 lm / 49W	3,0 kg		
1414 mm	2075 lm / 17,5W	3606 lm / 31W	2756 lm / 32W	3,1 kg	4750 lm / 32W	8277 lm / 59W	6219 lm / 59W	3,5 kg		
1694 mm	2469 lm / 20W	4362 lm / 36W	3290 lm / 37W	3,6 kg	5604 lm / 38W	9510 lm / 68W	7262 lm / 68W	4,0 kg		
2254 mm	3329 lm / 27W	5757 lm / 47W	4417 lm / 49W	4,4 kg	7632 lm / 50W	13385 lm / 92W	10016 lm / 93W	5,0 kg		
2818 mm	4150 lm / 35W	7211 lm / 62W	5512 lm / 63W	5,6 kg	9499 lm / 64W	16554 lm / 118W	12437 lm / 117W	6,6 kg		
3378 mm	4938 lm / 40W	8725 lm / 73W	6581 lm / 74W	6,5 kg	11208 lm / 75W	19020 lm / 136W	14524 lm / 135W	7,7 kg		
4498 mm	6657 lm / 55W	11514 lm / 94W	8834 lm / 98W	8,2 kg	15263 lm / 100W	26769 lm / 184W	20033 lm / 186W	9,7 kg		

**COMPARE COVER 1414 MM, 4000 K, CRI > 80**

	microprism*	extra comfort	asymmetric
low output CRI > 80	2153 lm	2413 lm	1849 lm
high output CRI > 80	3747 lm	4181 lm	3214 lm
dynamic white CRI > 90	2851 lm	3185 lm	2520 lm
direct/indirect low output CRI > 80	4816 lm	5070 lm	4538 lm
direct/indirect high output CRI > 80	8375 lm	8787 lm	7977 lm
direct/indirect dynamic white CRI > 90	6320 lm	6645 lm	5992 lm

\*Der angegebene Lichtstrom bezieht sich auf die Leuchte mit klarer mikroprismatischer Abdeckung. Die Leuchte wird mit satinierter Folie zur Erhöhung der Homogenität geliefert (direkt strahlend: -23%, direkt/indirekt strahlend: -10% Lichtstrom).

The indicated luminous flux corresponds to the luminaire with a clear microprismatic diffuser. The luminaire is delivered with a satinized-foil for increased homogeneity (direct: -23%, direct-indirect: -10% luminous flux).

Le flux lumineux indiqué correspond au luminaire avec diffuseur microprismatique transparent. Le luminaire est livré avec un film satiné pour optimiser l'homogénéité (direct: -23%, direct-indirect: -10% sur le flux lumineux).

Il flusso luminoso indicato corrisponde all'apparecchio con diffusore microprismatico trasparente. La lampada é fornita con una pellicola satinata per ottimizzare l'omogeneità (diretto: -23%, diretto-indiretto: -10% del flusso luminoso).

**P.FORTY PROFILE SYSTEM**

p. 392



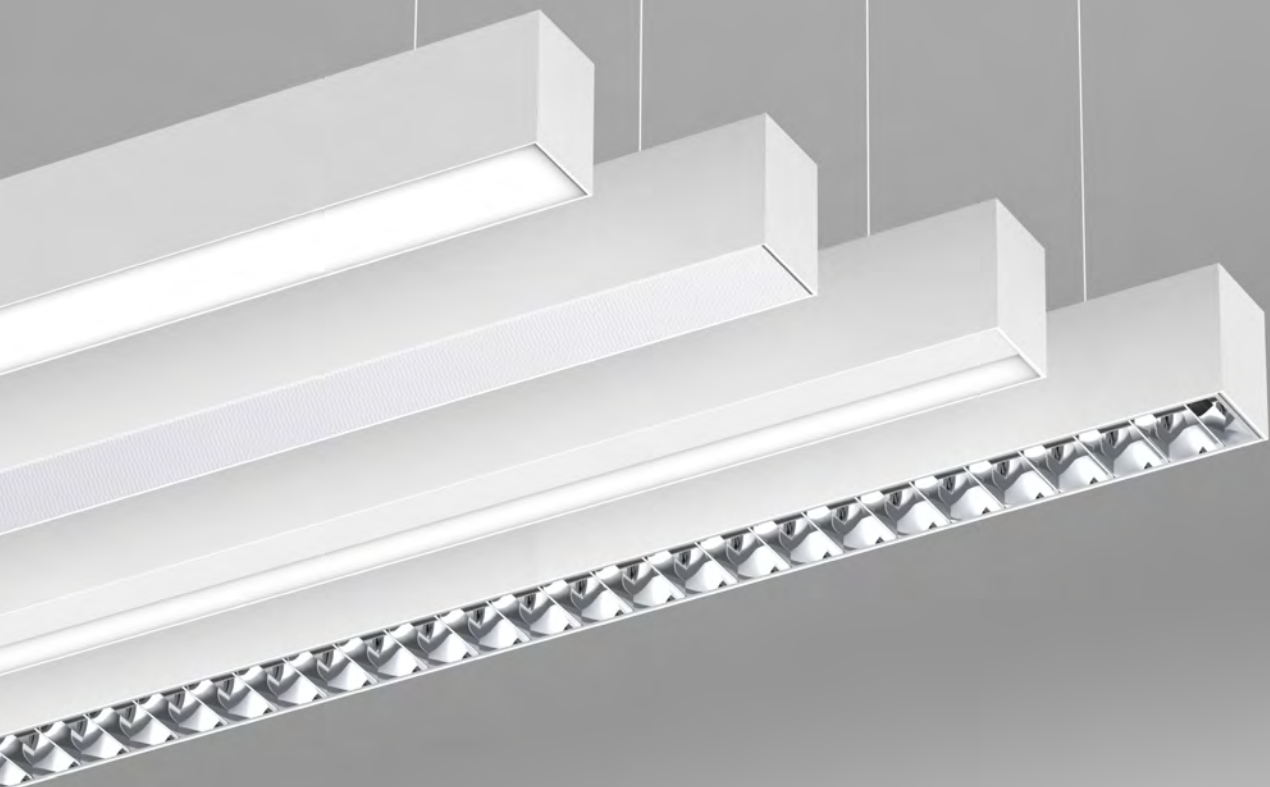
p. 473





# pure 3 direct

Hängeleuchte  
Pendant luminaire  
Suspensions  
Sospensione








## 1 SIZE





p. 400

satiné/micro	asymmetric	BAP
1134 mm <b>113</b>	1133 mm <b>113</b>	1134 mm <b>113</b>
1414 mm <b>141</b>	1413 mm <b>141</b>	1414 mm <b>141</b>
1694 mm <b>169</b>	1693 mm <b>169</b>	-
2254 mm <b>225</b>	2259 mm <b>225</b>	2259 mm <b>225</b>
2818 mm <b>281</b>	2819 mm <b>281</b>	2819 mm <b>281</b>
3378 mm <b>337</b>	3379 mm <b>337</b>	3384 mm <b>338</b>
4222 mm <b>422</b>	4223 mm <b>422</b>	4220 mm <b>422</b>






## 2 COLOUR

-  silver **9006**
-  white **9016**
-  black **9005**
-  RAL of your choice (p. 479) 





## 3 INGRESS PROTECTION

-  IP20 (asymmetric & BAP louvre only) **C**
-  IP40 (satiné & microprism only) **E**





## 4 LED

-  3000 K, CRI > 80 **830**
-  4000 K, CRI > 80 **840**
-  3000 K, CRI > 90 **930**
-  4000 K, CRI > 90 **940**
-  2700 - 6500 K, dynamic white, CRI > 90 **HCL**

## 5 OUTPUT / CONTROL

-  low output non-dim **L1**
-  low output DALI **L3**
-  high output DALI **H3**
-  dynamic white **X3**

## 6 OPTIC

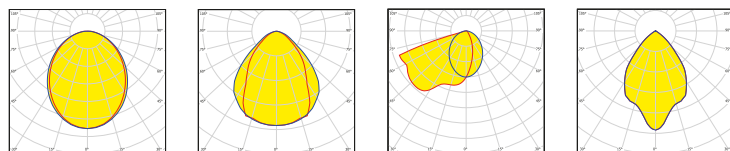
-  satiné **S**
-  microprism (low output only) UGR < 19 **M**
-  asymmetric **A**
-  BAP UGR < 19 **B**

P33H1-2-3-1-4-5-6

P33H113-9016E1840H3S ø1134 mm, white, 4000 K, high output DALI, satiné, direct, IP40 (order sample)

CONFIGURE ONLINE

katalog.planlicht.com

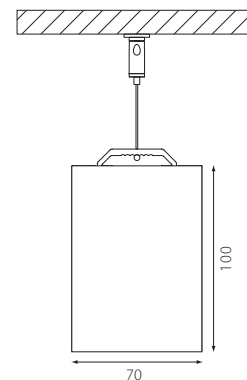


satiné


microprism

asymmetric

BAP



**LUMINOUS FLUX (LM) / SYSTEM POWER (W)**

4000K satiné	low output CRI > 80	high output CRI > 80	dynamic white CRI > 90	
1133 mm	1597 lm / 16W	2767 lm / 27W	2139 lm / 28W	3,9 kg
1413 mm	1962 lm / 19W	3434 lm / 33W	2631 lm / 34W	4,8 kg
1693 mm	2404 lm / 22W	4225 lm / 40W	3208 lm / 40W	5,5 kg
2254 mm	3127 lm / 29W	5692 lm / 54W	4364 lm / 54W	7,0 kg
2818 mm	3923 lm / 38W	6868 lm / 68W	5261 lm / 68W	9,0 kg
3378 mm	4807 lm / 45W	8450 lm / 80W	6416 lm / 80W	10,4 kg
4220 mm	5885 lm / 57W	10303 lm / 99W	7892 lm / 102W	13,1 kg

**COMPARE COVER 1413/1414 MM**

satiné	1962 lm	3434 lm	2631 lm
microprism*	2124 lm	3653 lm	2853 lm
BAP	2168 lm	3792 lm	2402 lm
asymmetric	1857 lm	3533 lm	2045 lm

\*Der angegebene Lichtstrom bezieht sich auf die Leuchte mit klarer mikroprismatischer Abdeckung. Die Leuchte wird mit satiniertes Folie zur Erhöhung der Homogenität geliefert (-28,2% Lichtstrom).

The indicated luminous flux corresponds to the luminaire with a clear microprismatic diffuser. The luminaire is delivered with a satinized foil for increased homogeneity (-28,2% luminous flux).

Le flux lumineux indiqué correspond au luminaire avec diffuseur microprismatique transparent. Le luminaire est livré avec un film satiné pour optimiser l'homogénéité (-28,2% sur le flux lumineux).

Il flusso luminoso indicato corrisponde all'apparecchio con diffusore microprismatico trasparente. La lampada é fornita con una pellicola satinata per ottimizzare l'omogeneità (-28,2% del flusso luminoso).

**PURE 3 PROFILE SYSTEM**

p. 400



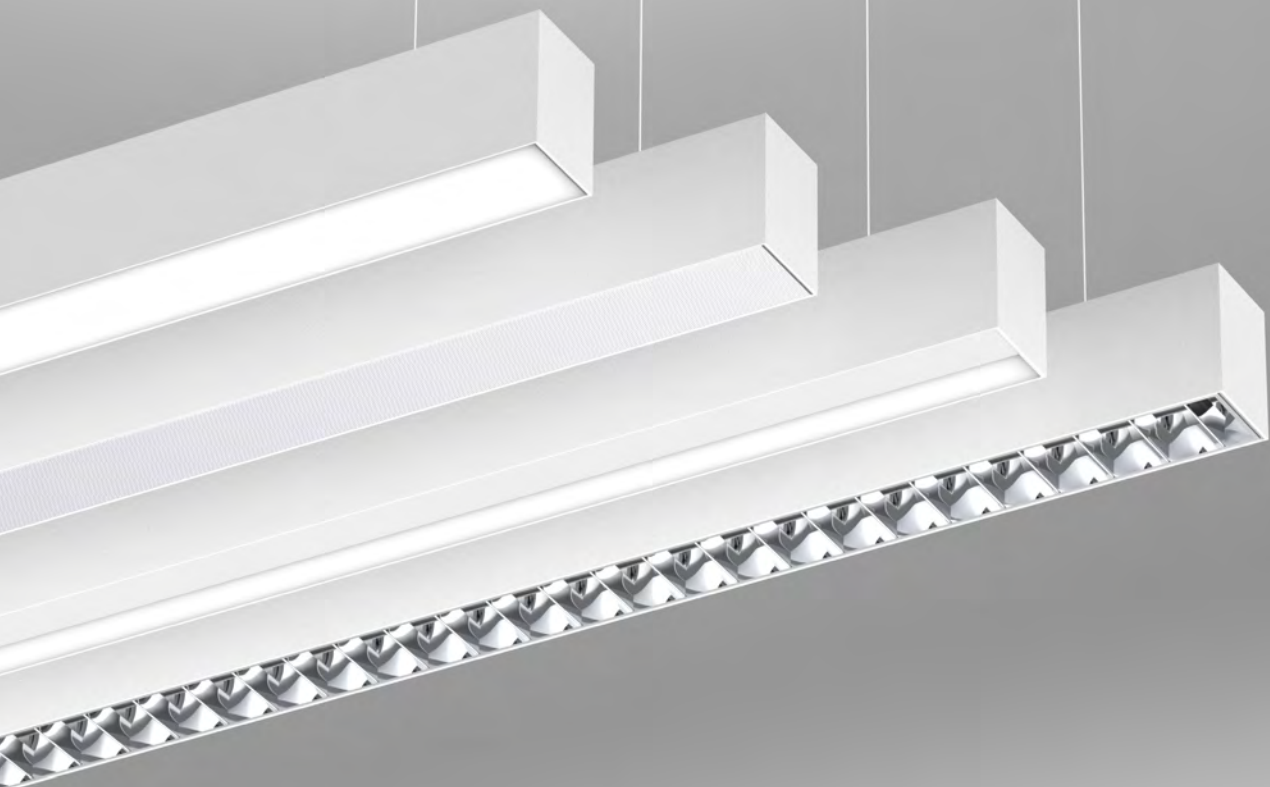
p. 473



230V | up to 119lm/W, up to 2783 lm/m | IEC 62471: Blue light hazard: RG ≤ 1 | up to L90/50.000 h | MacAdam 3

# pure 3 direct - indirect

Hängeleuchte  
Pendant luminaire  
Suspensions  
Sospensione








## 1 SIZE





p. 400

satiné/micro		asymmetric		BAP	
1134 mm	<b>113</b>	1133 mm	<b>113</b>	1134 mm	<b>113</b>
1414 mm	<b>141</b>	1413 mm	<b>141</b>	1414 mm	<b>141</b>
1694 mm	<b>169</b>	1693 mm	<b>169</b>	-	
2254 mm	<b>225</b>	2259 mm	<b>225</b>	2259 mm	<b>225</b>
2818 mm	<b>281</b>	2819 mm	<b>281</b>	2819 mm	<b>281</b>
3378 mm	<b>337</b>	3379 mm	<b>337</b>	3384 mm	<b>338</b>
4222 mm	<b>422</b>	4223 mm	<b>422</b>	4220 mm	<b>422</b>






## 2 COLOUR

-  silver **9006**
-  white **9016**
-  black **9005**
-  RAL of your choice (p. 479) 








## 3 INGRESS PROTECTION

-  IP20 (asymmetric & BAP louvre only) **C**
-  IP40 (satiné & microprism only) **E**





## 4 LED

-  3000 K, CRI > 80 **830**
-  4000 K, CRI > 80 **840**
-  3000 K, CRI > 90 **930**
-  4000 K, CRI > 90 **940**
-  2700 - 6500 K dynamic white, CRI > 90 **HCL**

## 5 OUTPUT / CONTROL

-   low output non-dim **L1**
-   low output DALI **L3**
-   high output DALI **H3**
-  dynamic white **X3**

## 6 OPTIC

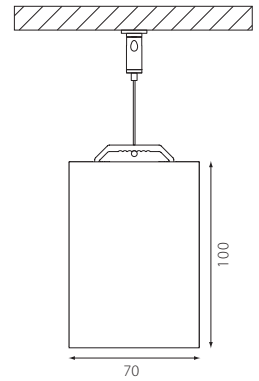
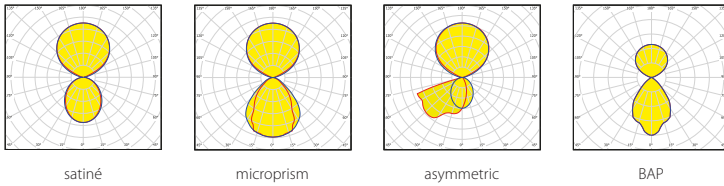
-  satiné **S**
-  microprism UGR < 16 **M**
-  asymmetric **A**
-  BAP UGR < 13 **B**

P33H **1-2-3-2-4-5-6**

P33H113 - 9016E2840H3S ø1134 mm, white, 4000 K, high output DALI, satiné

**CONFIGURE ONLINE**

katalog.planlicht.com



LUMINOUS FLUX (LM) / SYSTEM POWER (W)

4000K satiné	low output CRI > 80	high output CRI > 80	dynamic white CRI > 90	
1133 mm	3973 lm / 29W	6924 lm / 53W	5226 lm / 54W	4,3 kg
1413 mm	4975 lm / 36W	8522 lm / 64W	6600 lm / 66W	5,1 kg
1693 mm	5970 lm / 42W	10226 lm / 76W	7920 lm / 77W	6,0 kg
2254 mm	7950 lm / 55W	13848 lm / 107W	10451 lm / 108W	7,6 kg
2818 mm	9950 lm / 72W	17044 lm / 127W	13200 lm / 131W	9,7 kg
3378 mm	11940 lm / 84W	20452 lm / 152W	15841 lm / 155W	11,5 kg
4220 mm	14925 lm / 107W	25566 lm / 191W	19800 lm / 197W	14,3 kg

COMPARE COVER 1413/1414 MM

satiné	4975 lm	8522 lm	6600 lm
microprism*	5168 lm	8854 lm	6887 lm
BAP	4884 lm	8613 lm	5482 lm
asymmetric	4643 lm	8864 lm	5273 lm

\*Der angegebene Lichtstrom bezieht sich auf die Leuchte mit klarer mikroprismatischer Abdeckung. Die Leuchte wird mit satinierter Folie zur Erhöhung der Homogenität geliefert (-11,7% Lichtstrom).  
 The indicated luminous flux corresponds to the luminaire with a clear microprismatic diffusor. The luminaire is delivered with a satinized-foil for increased homogeneity (-11,7% luminous flux).  
 Le flux lumineux indiqué correspond au luminaire avec diffuseur microprismatique transparent. Le luminaire est livré avec un film satiné pour optimiser l'homogénéité (-11,7% sur le flux lumineux).  
 Il flusso luminoso indicato corrisponde all'apparecchio con diffusore microprismatico trasparente. La lampada é fornita con una pellicola satinata per ottimizzare l'omogeneità (-11,7% del flusso luminoso).

PURE 3 PROFILE SYSTEM

p. 400

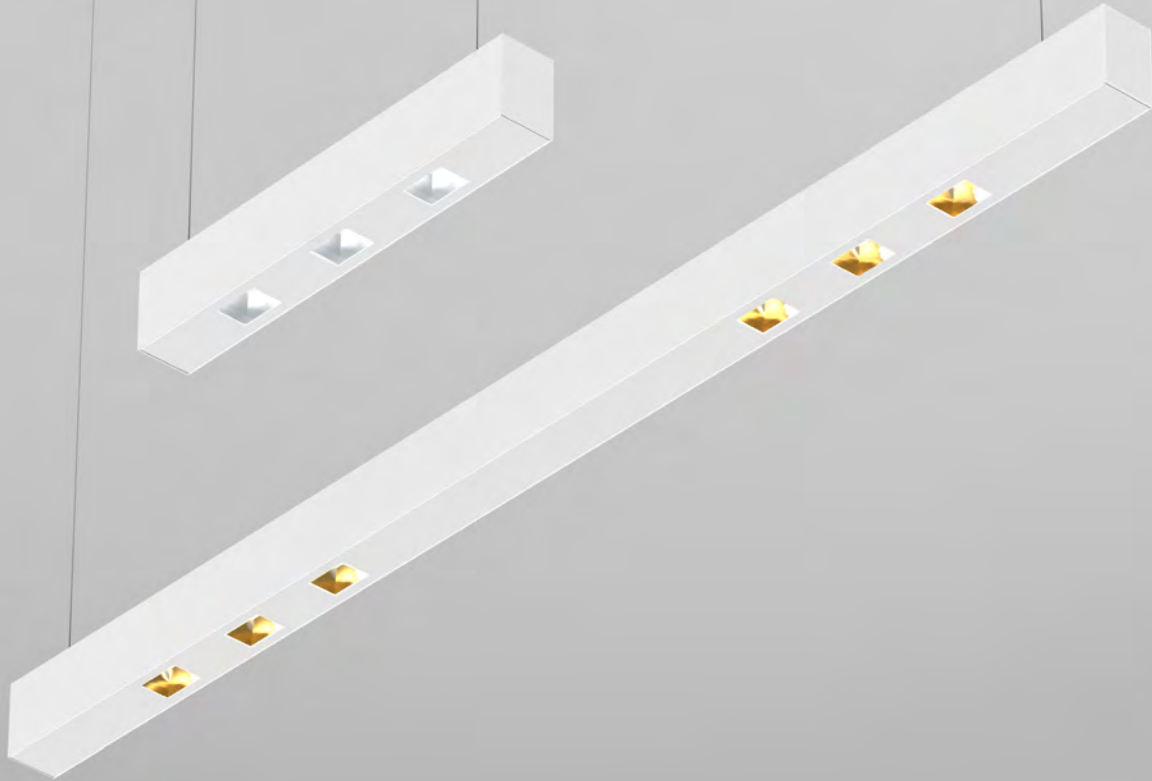


p. 473



**NEW** pure 3 triflect direct

Hängeleuchte  
Pendant luminaire  
Suspensions  
Sospensione







**1 SIZE**


575 mm (3 spots)  
1801 mm (6 spots)



**057**  
**180**

**2 COLOUR**

-  silver
-  white
-  black
-  RAL of your choice (p. 479)

**3 OUTPUT**

**9006**  
**9016**  
**9005**  


-  low output
-  high output



**L**  
**H**

**4 CONTROL**

-  non-dim
-  DALI-dim

**1**  
**3**

**5 REFLECTOR**

-  silver matte
-  high-gloss gold

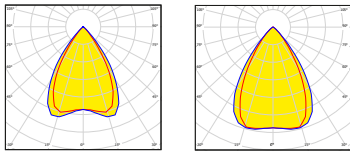
**P**  
**G**

P3TH**1-2**C1840**3 4 5**

P3TH057-9016C1840H1G 575 mm, white, high output, non-dim, gold (order sample)

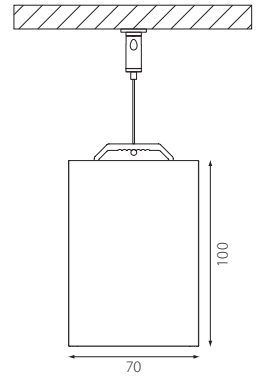
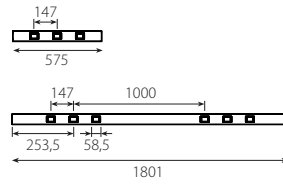
**CONFIGURE ONLINE**

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direct high-gloss gold

direct silver matte



**LUMINOUS FLUX (LM) / SYSTEM POWER (W), CRI > 80**

4000K silver matte	low output	high output	
575 mm	1851 lm / 17,5W	3018 lm / 32W	
1801 mm	3702 lm / 35W	6036 lm / 65W	6,3 kg

**COMPARE REFLECTOR COLOUR 1801 MM**

4000K silver matte	3702lm	6036lm
4000K high-gloss gold	3060lm	5112lm

**PURE 3 PROFILE SYSTEM**

p. 400



p. 473



**NEW** pure 3 triflect direct - indirect

Hängeleuchte  
Pendant luminaire  
Suspensions  
Sospensione



**1 SIZE**

575 mm (3 spots)

**057**

1801 mm (6 spots)

**180**

**2 COLOUR**



silver



white



black



RAL of your choice (p. 479)

**3 OUTPUT**



low output

**L**



high output

**H**

**9006**

**9016**

**9005**



**4 CONTROL**



non-dim

**1**



DALI-dim

**3**

**5 REFLECTOR**



silver matte

**P**



high-gloss gold

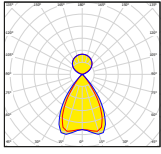
**G**

P3TH**1-2**C2840**3 4 5**

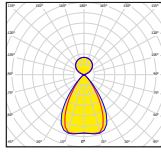
P3TH057-9016C2840H1G 575 mm, white, high output, non-dim, gold (order sample)

**CONFIGURE ONLINE**

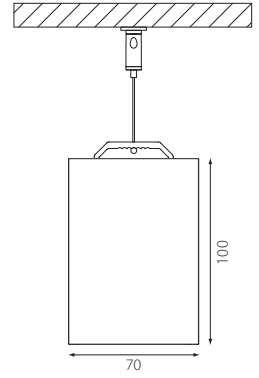
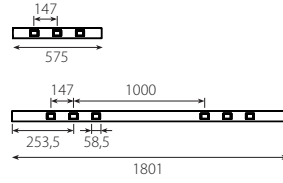
katalog.planlicht.com




direct/indirect  
Reflector gold



direct/indirect  
Reflector silver



**LUMINOUS FLUX (LM) / SYSTEM POWER (W), CRI > 80**

4000K satiné	low output	high output	
575 mm	2879 lm / 23W	4806 lm / 43W	2,7 kg
1801 mm	7331 lm / 54W	12010 lm / 100W	6,8 kg

**COMPARE REFLECTOR COLOUR**

4000K silver matte	7331 lm	12010 lm
4000K high-gloss gold	6689 lm	11086 lm

p. 473





# pure 2 IP54

Hängeleuchte  
Pendant luminaire  
Suspensions  
Sospensione



## 1 SIZE

satiné	
1160 mm	116
1440 mm	144
1720 mm	172
2280 mm	228
2840 mm	284
3400 mm	340
4520 mm	452

## 2 COLOUR

	silver	9006
	white	9016
	black	9005
	RAL of your choice (p. 479)	

## 3 LED

	3000 K, CRI > 80	830
	4000 K, CRI > 80	840
	3000 K, CRI > 90	930
	4000 K, CRI > 90	940
	2700 - 6500 K, dynamic white, CRI > 90	HCL

## 4 OUTPUT/CONTROL

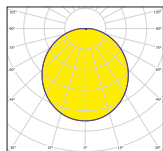
	low output non-dim	L1
	low output DALI	L3
	high output DALI	H3
	dynamic white	X3

P58H1-2Q134S

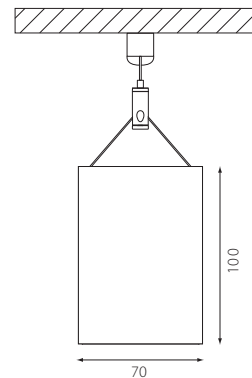
P58H116-9016Q1840H3S 1160 mm, white, 4000K, high output DALI, satiné (order sample)

CONFIGURE ONLINE


katalog.planlicht.com



direct



**LUMINOUS FLUX (LM) / SYSTEM POWER (W)**

4000K satiné	low output CRI > 80	high output CRI > 80	dynamic white CRI > 90	
1160 mm	1584 lm / 20W	2958 lm / 34W	2058 lm / 36W	4,2 kg
1440 mm	1964 lm / 24W	3644 lm / 42W	2520 lm / 43W	5,4 kg
1720 mm	2626 lm / 28W	4517 lm / 51W	3081 lm / 51W	6,2 kg
2280 mm	3422 lm / 36W	6115 lm / 67W	4196 lm / 68W	7,9 kg
2840 mm	3928 lm / 48W	7288 lm / 84W	5051 lm / 86W	10,3 kg
3400 mm	5252 lm / 56W	9034 lm / 101W	6163 lm / 102W	11,9 kg
4520 mm	6844 lm / 73W	12230 lm / 135W	8392 lm / 136W	15,3 kg



# quadro

Hängeleuchte  
Pendant luminaire  
Suspension  
Sospensione



## 1 SIZE

BAP		BAP Sensor	
1124 mm	<b>112</b>	1149 mm	<b>114</b>
1404 mm	<b>140</b>	1429 mm	<b>142</b>
1684 mm	<b>168</b>		
2244 mm	<b>224</b>		
2804 mm	<b>280</b>		
3364 mm	<b>336</b>		
satiné/microprism		satiné/microprism Sensor	
1130 mm	<b>113</b>	1155 mm	<b>115</b>
1410 mm	<b>141</b>	1435 mm	<b>143</b>
1690 mm	<b>169</b>		
2250 mm	<b>225</b>		
2810 mm	<b>281</b>		
3370 mm	<b>337</b>		

## 2 COLOUR

	silver	<b>9006</b>
	white	<b>9016</b>
	black	<b>9005</b>
	RAL of your choice (p. 479)	

## 3 DIRECT / INDIRECT

	direct	<b>1</b>
	direct/indirect	<b>2</b>

## 4 LED

	3000 K, CRI > 80	<b>830</b>
	4000 K, CRI > 80	<b>840</b>
	3000 K, CRI > 90	<b>930</b>
	4000 K, CRI > 90	<b>940</b>
	2700-6500 K, dynamic white, CRI > 90	<b>HCL</b>

## 5 OUTPUT/CONTROL

	non Sensor	with Sensor
	low output DALI <b>L3</b>	<b>L7</b>
	high output DALI <b>H3</b>	<b>H7</b>
	low output non-dim <b>L1</b>	
	dynamic white <b>X3</b>	<b>X7</b> (on request)

## 6 OPTIC

satiné*	<b>S</b>	BAP white (RAL 9016), low output only	<b>W</b>
microprism*	<b>M</b>	BAP black (RAL 9005)	<b>N</b>
BAP high-gloss silver	<b>B</b>	BAP glaring gold	<b>D</b>
BAP silver matte	<b>P</b>	BAP capital copper	<b>R</b>
BAP high-gloss gold	<b>G</b>	BAP gunnery grey	<b>Y</b>
BAP high-gloss copper	<b>K</b>	BAP black chrome matte	<b>C</b>
BAP louvre colours (p. 474)			

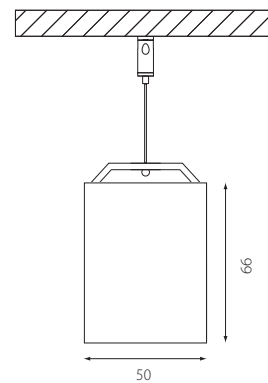
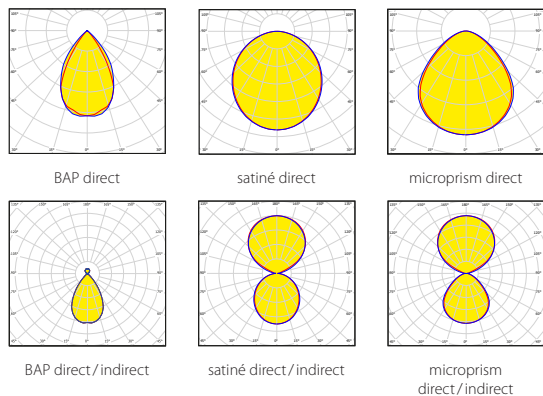
\* Some Versions UGR < 19

T65H**1-2C3456**

T65H112-9016C1840H3P 1124 mm, white, direct, 4000 K, high output DALI, BAP silver matte (order sample)

**CONFIGURE ONLINE**

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LUMINOUS FLUX (LM) / SYSTEM POWER (W)

4000 K BAP silver matte	direct			direct/indirect			kg
	low output CRI > 80	high output CRI > 80	dynamic white CRI > 90	low output CRI > 80	high output CRI > 80	dynamic white CRI > 90	
1124 mm	2123 lm / 19W	4065 lm / 37W	3225 lm / 39W	2723 lm / 22W	5214 lm / 44W	4136 lm / 46W	3,0 kg
1404 mm	2654 lm / 23W	5080 lm / 46W	4031 lm / 48W	3403 lm / 27W	6516 lm / 55W	5169 lm / 57W	3,6 kg
1684 mm	3184 lm / 27W	6096 lm / 55W	4836 lm / 57W	4083 lm / 32W	7819 lm / 66W	6203 lm / 68W	4,5 kg
2244 mm	4244 lm / 35W	8126 lm / 73W	6447 lm / 76W	5444 lm / 42W	10424 lm / 87W	8270 lm / 89W	6,0 kg
2804 mm	5305 lm / 43W	10157 lm / 91W	8058 lm / 94W	6804 lm / 52W	13029 lm / 105W	10336 lm / 108W	7,5 kg
3364 mm	6366 lm / 51W	12188 lm / 108W	9670 lm / 111W	8165 lm / 61W	15634 lm / 130W	12403 lm / 133W	9,0 kg

COMPARE COVER 1404 MM

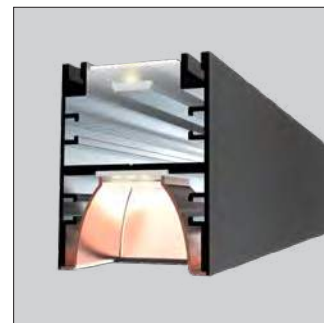
4000 K

satiné	2223 lm / 15,5W	3888 lm / 28W	3499 lm / 29W	4775 lm / 29W	8282 lm / 53W	7454 lm / 55W
microprism	2316 lm / 15,5W	4018 lm / 28W	3616 lm / 29W	4846 lm / 29W	8391 lm / 53W	7552 lm / 55W
BAP high-gloss silver	3064 lm / 23W	5866 lm / 46W	4654 lm / 48W	3813 lm / 27W	7302 lm / 55W	5793 lm / 57W
BAP silver matte	2654 lm / 23W	5080 lm / 46W	4031 lm / 48W	3403 lm / 27W	6516 lm / 55W	5169 lm / 57W
BAP high-gloss gold	2802 lm / 23W	5364 lm / 46W	4256 lm / 48W	3551 lm / 27W	6800 lm / 55W	5395 lm / 57W
BAP high-gloss copper	2785 lm / 23W	5331 lm / 46W	4229 lm / 48W	3534 lm / 27W	6767 lm / 55W	5368 lm / 57W
BAP white	2882 lm / 23W	5517 lm / 46W	4377 lm / 48W	3631 lm / 27W	6953 lm / 55W	5516 lm / 57W
BAP black	1524 lm / 23W	2918 lm / 46W	/ 48W 2315 lm	2274 lm / 27W	4354 lm / 55W	3454 lm / 57W
BAP glaring gold	1783 lm / 23W	3414 lm / 46W	2709 lm / 48W	2533 lm / 27W	4850 lm / 55W	3848 lm / 57W
BAP capital copper	1621 lm / 23W	3103 lm / 46W	2462 lm / 48W	2370 lm / 27W	4539 lm / 55W	3601 lm / 57W
BAP gunnery grey	1801 lm / 23W	3449 lm / 46W	2736 lm / 48W	2551 lm / 27W	4885 lm / 55W	3875 lm / 57W
BAP black chrome matte	2104 lm / 23W	4029 lm / 46W	3196 lm / 48W	2854 lm / 27W	5465 lm / 55W	4336 lm / 57W

6 BAP LOUVRE COLOURS



PROFILE VIEW



# quadro office special

Hängeleuchte  
Pendant luminaire  
Suspension  
Sospensione



## 1 SIZE

1404 mm	<b>14X</b>
1684 mm	<b>16X</b>
3364 mm	<b>33X</b>

## 2 COLOUR

	silver	<b>9006</b>
	white	<b>9016</b>
	black	<b>9005</b>
	RAL of your choice (p. 479)	

## 3 LED

	3000 K, CRI > 80	<b>830</b>
	4000 K, CRI > 80	<b>840</b>
	3000 K, CRI > 90	<b>930</b>
	4000 K, CRI > 90	<b>940</b>
	2700 - 6500 K, dynamic white, CRI > 90	<b>HCL</b>

## 4 OUTPUT / CONTROL

	low output non-dim	<b>L1</b>
	low output DALI	<b>L3</b>
	high output DALI	<b>H3</b>
	dynamic white	<b>X3</b>
	Sensor (on request)	<b>X7</b>
	Sensor low output DALI	<b>L7</b>
	Sensor high output DALI	<b>H7</b>

## 5 BAP LOUVRE COLOURS

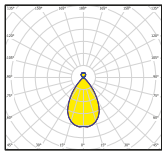
<b>L1</b>	BAP high-gloss silver	<b>B</b>	BAP black (RAL 9005)	<b>N</b>
<b>L3</b>	BAP silver matte	<b>P</b>	BAP glaring gold	<b>D</b>
<b>H3</b>	BAP high-gloss gold	<b>G</b>	BAP capital copper	<b>R</b>
<b>X3</b>	BAP high-gloss copper	<b>K</b>	BAP gunnery grey	<b>Y</b>
<b>X7</b>	BAP white (RAL 9016)*	<b>W</b>	BAP black chrome matte	<b>C</b>
<b>L7</b>	BAP louvre colours (p. 474)			
<b>H7</b>	* low output only			

T65H**1-2C2345**

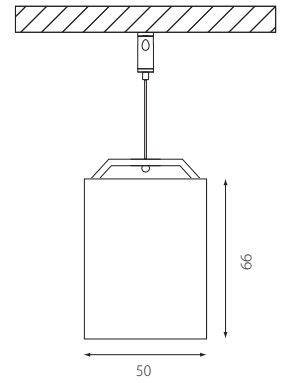
T65H16X-9005C2830H3B 1684 mm, black, 3000 K, high output DALI, BAP high-gloss silver (order sample)

**CONFIGURE ONLINE**


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BAP direct/indirect



**LUMINOUS FLUX (LM) / SYSTEM POWER (W)**

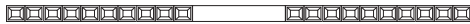
4000K silver matte	low output CRI > 80	high output CRI > 80	dynamic white CRI > 90	
1404 mm	2884 lm / 23W	5522 lm / 46W	4381 lm / 48W	3,3 kg
1684 mm	3034 lm / 24W	5809 lm / 48W	4608 lm / 50W	4,5 kg
3364 mm	6068 lm / 45W	11618 lm / 95W	9217 lm / 98W	9,5 kg

**COMPARE BAP LOUVRES 1404 MM**

B	3214 lm	6154 lm	4882 lm
P	2884 lm	5522 lm	4381 lm
G	3004 lm	5750 lm	4562 lm
K	2990 lm	5724 lm	4541 lm
W	3068 lm	5788 lm	4592 lm
N	1976 lm	3783 lm	3001 lm
D	2184 lm	4182 lm	3318 lm
R	2054 lm	3931 lm	3119 lm
Y	2198 lm	4210 lm	3340 lm
C	2442 lm	4676 lm	3710 lm

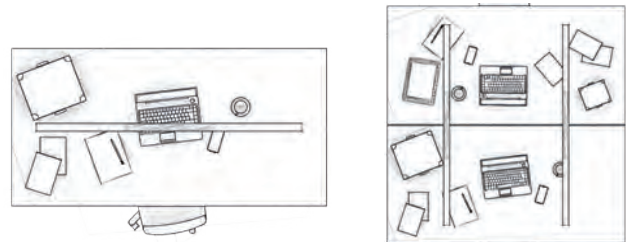
**QUADRO OFFICE SPECIAL 1404 MM**

Ideal for table size 1600x800 mm



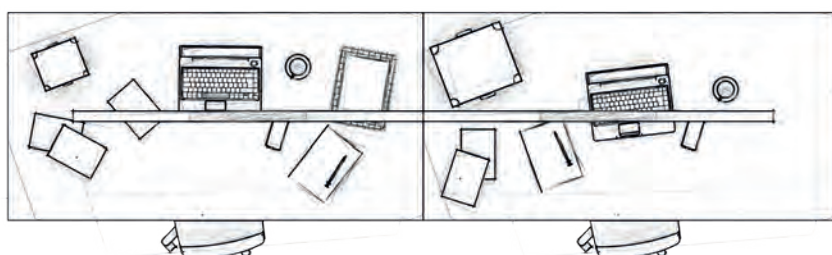
**QUADRO OFFICE SPECIAL 1684 MM**

Ideal for table of 1800 or 2000x1000 mm



**QUADRO OFFICE SPECIAL 3364 MM**

Ideal for two tables of 1800 or 2000x1000 mm

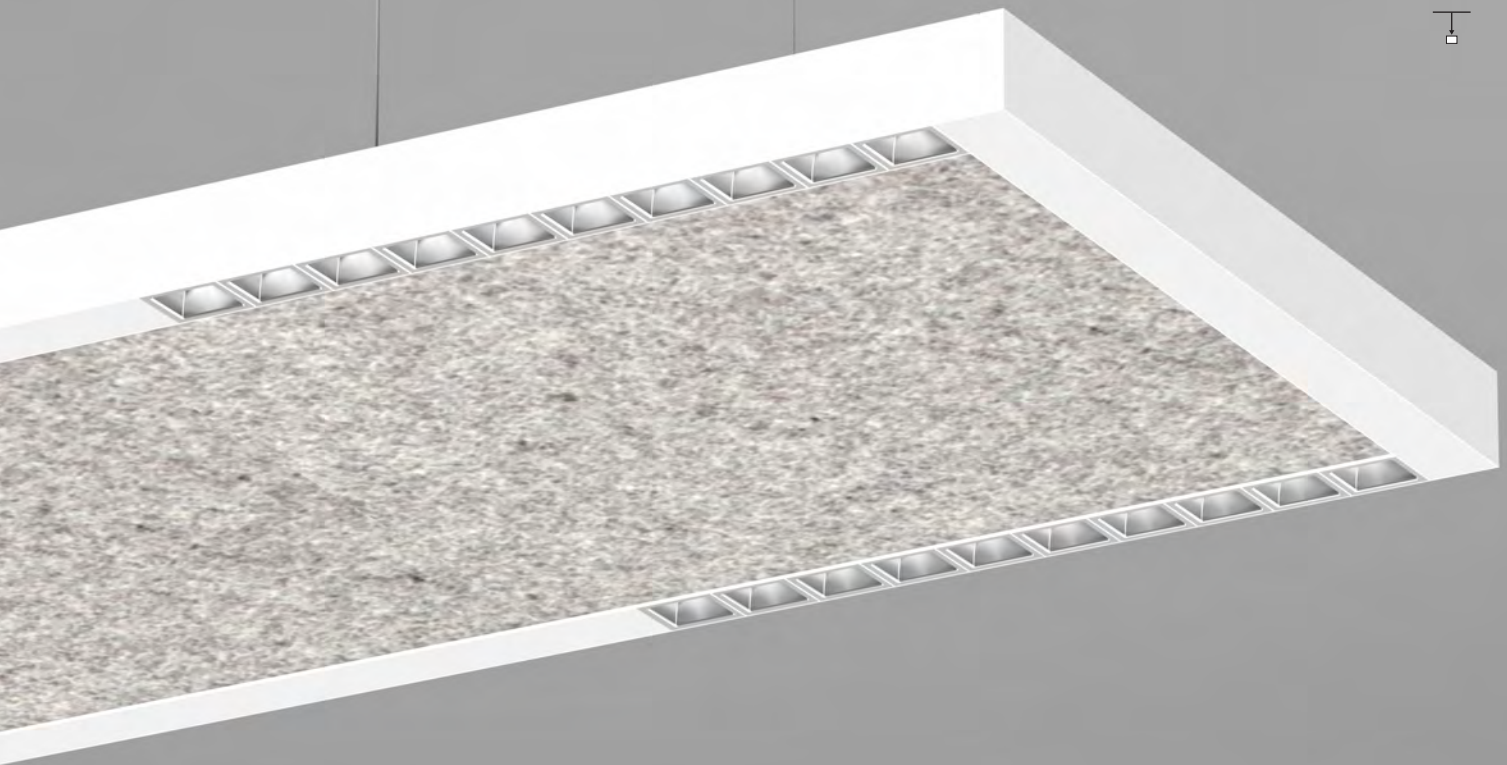


p. 473



# quadro.quiet

Hängeleuchte  
Pendant luminaire  
Suspensions  
Sospensione



## 1 SIZE

1498 mm  
1778 mm  
3458 mm

**15X**  
**17X**  
**34X**

## 2 ACOUSTIC MODULE

	QUIET.FELT standard anthracite melange	<b>QA</b>
	QUIET.FELT standard pebble	<b>QP</b>
	QUIET.FELT standard lime	<b>QL</b>
	QUIET.FELT extra+ black *	<b>QB</b>
	QUIET.FELT extra+ fire *	<b>QF</b>
	QUIET.FELT extra+ light grey melange *	<b>QG</b>
	QUIET.FELT extra+ chocolate *	<b>QC</b>
	Organoid® Mous *	<b>QM</b>
	Organoid® Wollä *	<b>QW</b>
	Organoid® Wildspitze *	<b>QH</b>

\*on request

## 3 COLOUR

	silver	<b>SI</b>
	white	<b>WS</b>
	black	<b>SW</b>
	RAL of your choice (p. 479)	

## 4 LED

	3000 K, CRI > 80	<b>830</b>
	4000 K, CRI > 80	<b>840</b>
	3000 K, CRI > 90	<b>930</b>
	4000 K, CRI > 90	<b>940</b>
	2700 - 6500 K, dynamic white, CRI > 90	<b>HCL</b>

## 5 OUTPUT / CONTROL

		non Sensor	Sensor
	low output non-dim	<b>L1</b>	-
	low output DALI	<b>L3</b>	<b>L7</b>
	high output DALI	<b>H3</b>	<b>H7</b>
	dynamic white	<b>X3</b>	<b>X7*</b>

\*on request

## 6 BAP LOUVRE COLOURS

high-gloss silver	<b>B</b>	black (RAL 9005)	<b>N</b>
silver matte	<b>P</b>	glaring gold	<b>D</b>
high-gloss gold	<b>G</b>	capital copper	<b>R</b>
high-gloss copper	<b>K</b>	gunnery grey	<b>Y</b>
white (RAL 9016) *	<b>W</b>	black chrome matte	<b>C</b>

BAP louvre colours (p. 474)

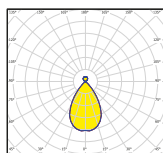
\*low output only

T65H1-23C2456

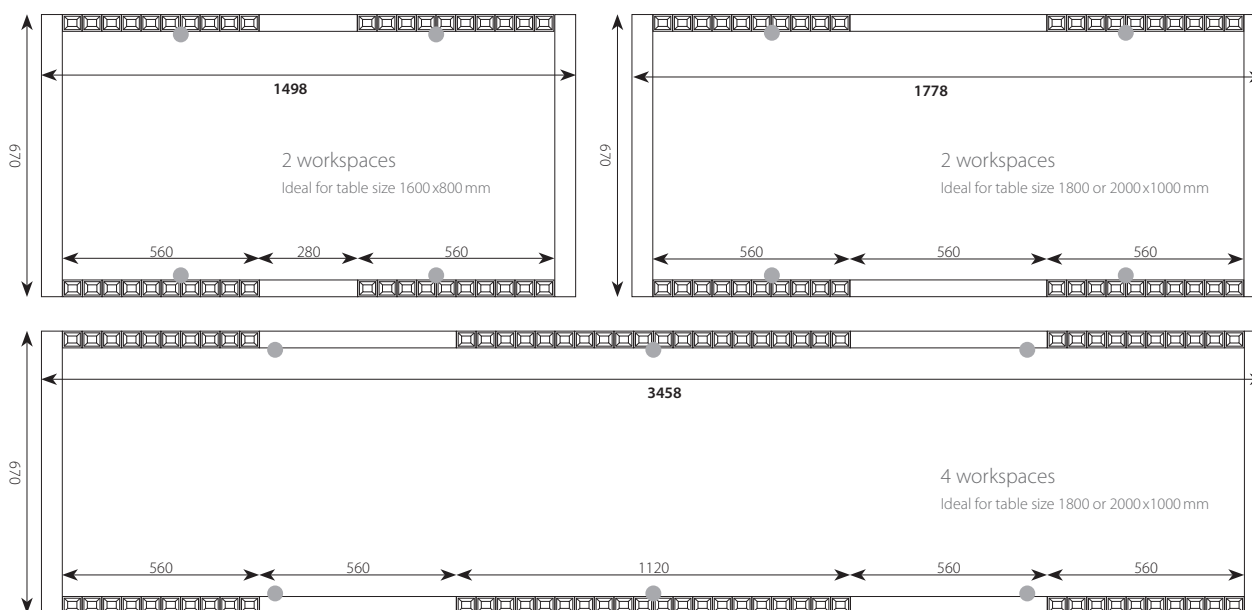
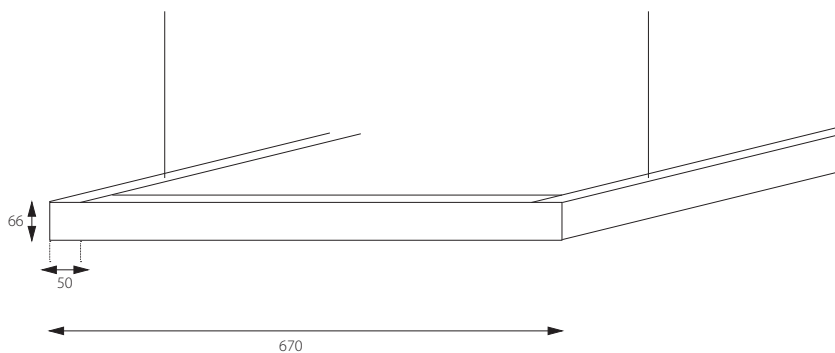
T65H17X-QLSWC2840H3Y 1178 mm, lime acoustic module, black, 4000 K, high output DALI, BAP gunnery grey (order sample)

**CONFIGURE ONLINE**

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BAP direct/indirect



**LUMINOUS FLUX (LM) / SYSTEM POWER (W)**

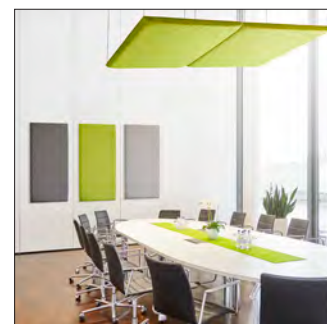
4000K BAP silver matte	low output CRI > 80	high output CRI > 80	dynamic white CRI > 90	
1498x670mm	5768lm/43W	11044lm/91W	8762lm/94W	17,6 kg
1778x670mm	6068lm/45W	11618lm/95W	9217lm/98W	18,7 kg
3458x670mm	12136lm/90W	23236lm/189W	18434lm/193W	34,1 kg

**COMPARE BAP LOUVRES 1498 x 670 MM**

B	5768lm	11044lm	8762lm
P	6428lm	12308lm	9764lm
G	6008lm	11500lm	9123lm
K	5980lm	11447lm	9081lm
W	6136lm		
N	3952lm	7566lm	6002lm
D	4368lm	8364lm	6635lm
R	4108lm	7863lm	6238lm
Y	4396lm	8420lm	6680lm
C	4884lm	9353lm	7420lm

**ACOUSTIC PANELS**

p. 476



p. 473





# sinus

Hängeleuchte  
Pendant luminaire  
Suspensions  
Sospensione



## 1 SUSPENSION

	Rope vertical	<b>H</b>
	Rope centrally merging (only 117, 153)	<b>Z</b>
	Rope central bundled (only 117, 153)	<b>Y</b>

## 2 SIZE

	ø 1174 mm (4 Suspensions)	<b>117</b>
	ø 1530 mm (4 Suspensions)	<b>153</b>
	ø 2950 mm (8 Suspensions)	<b>295</b>
	ø 5790 mm (16 Suspensions)	<b>579</b>

## 3 COLOUR

	silver	<b>9006</b>
	white	<b>9016</b>
	black	<b>9005</b>
	RAL of your choice (p. 479)	

## 4 DIRECT / INDIRECT

	direct	<b>1</b>
	direct / indirect	<b>2</b>

## 5 LED

	3000 K, CRI > 80	<b>830</b>
	4000 K, CRI > 80	<b>840</b>
	3000 K, CRI > 90	<b>930</b>
	4000 K, CRI > 90	<b>940</b>
	2700 - 6500 K dynamic white, CRI > 90	<b>HCL</b>

## 6 OUTPUT / CONTROL

	low output non-dim	<b>L1</b>
	low output DALI	<b>L3</b>
	high output DALI	<b>H3</b>
	dynamic white	<b>X3</b>

## 7 OPTIC

	satiné	<b>S</b>
	microprism	<b>M</b>

R33 **1** **2** **3** **E** **4** **5** **6** **7**

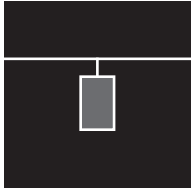
R33H117-9016E1840H3S rope vertical, ø 1174 mm, white, direct, 4000 K, high output DALI, satiné (order sample)

**CONFIGURE ONLINE**

katalog.planlicht.com

# PENDANT

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Hängeleuchte

*Pendant luminaire*

*Suspension*

*Sospensione*

2.2

# sinus.quiet

Hängeleuchte  
Pendant luminaire  
Suspensions  
Sospensione



## 1 SUSPENSION

	Rope vertical	<b>H</b>
	Rope centrally bundled	<b>Z</b>

## 2 SIZE

	ø 1174 mm	<b>117</b>
	ø 1530 mm	<b>153</b>

## 5 DIRECT / INDIRECT

	direct	<b>1</b>
	direct / indirect	<b>2</b>

## 6 LED

	3000 K, CRI > 80	<b>830</b>
	4000 K, CRI > 80	<b>840</b>
	3000 K, CRI > 90	<b>930</b>
	4000 K, CRI > 90	<b>940</b>
	2700 - 6500 K dynamic white, CRI > 90	<b>HCL</b>

## 3 ACOUSTIC MODULE

	QUIET.FELT standard anthracite melange	<b>QA</b>
	QUIET.FELT standard pebble	<b>QP</b>
	QUIET.FELT standard lime	<b>QL</b>
	QUIET.FELT extra+ black *	<b>QB</b>
	QUIET.FELT extra+ fire *	<b>QF</b>
	QUIET.FELT extra+ light grey melange *	<b>QG</b>
	QUIET.FELT extra+ chocolate *	<b>QC</b>
	Organoid® Mous *	<b>QM</b>
	Organoid® Wollä *	<b>QW</b>
	Organoid® Wildspitze *	<b>QH</b>

\*on request

## 4 COLOUR

	silver	<b>SI</b>
	white	<b>WS</b>
	black	<b>SW</b>
	RAL of your choice (p. 479)	

## 7 OUTPUT / CONTROL

	low output non-dim	<b>L1</b>
	low output DALI	<b>L3</b>
	high output DALI	<b>H3</b>
	dynamic white	<b>X3</b>

## 8 OPTIC

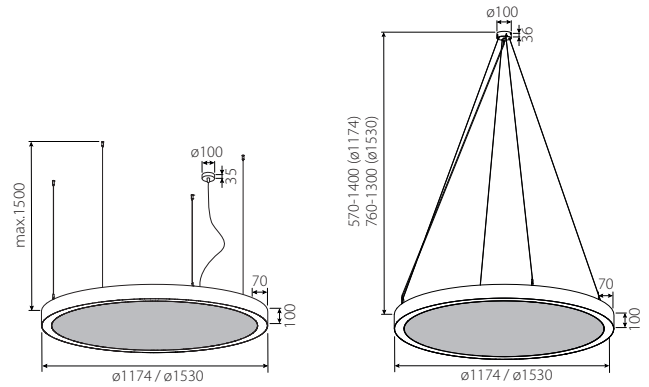
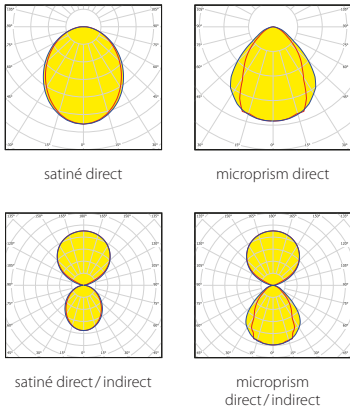
	satiné	<b>S</b>
	microprism	<b>M</b>

R33 1 2-3 4 E 5 6 7 8

R33Z117-QPWE1840H3S Rope centrally bundled, ø 1174 mm, standard pebble, white, direct, 4000 K, high output DALI, satiné (order sample)

**CONFIGURE ONLINE**

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LUMINOUS FLUX (LM) / SYSTEM POWER (W)

4000K satiné	direct			direct/indirect			direct/direct-indirect
	low output CRI > 80	high output CRI > 80	dynamic white CRI > 90	low output CRI > 80	high output CRI > 80	dynamic white CRI > 90	
ø 1174mm	4507lm/44W	8195lm/79W	6153lm/81W	12106lm/87W	22012lm/158W	15997lm/161W	26,2kg
ø 1530mm	6010lm/58W	10927lm/105W	8555lm/108W	16143lm/116W	29350lm/210W	20902lm/215W	39,5kg

COMPARE COVER Ø 1530 MM

4000 K satiné	6388lm	11068lm	8555lm	15892lm	27696lm	20902lm
4000 K microprism*	6928lm	12116lm	9370lm	16460lm	28872lm	21709lm

\*Der angegebene Lichtstrom bezieht sich auf die Leuchte mit klarer mikroprismatischer Abdeckung. Die Leuchte wird mit satinierter Folie zur Erhöhung der Homogenität geliefert (Direkt strahlend: -28,2% , direkt/indirekt strahlend: -11,7% Lichtstrom).

The indicated luminous flux corresponds to the luminaire with a clear microprismatic diffuser. The luminaire is delivered with a satinized-foil for increased homogeneity (direct: -28,2%, direct-indirect: -11,7% luminous flux).

Le flux lumineux indiqué correspond au luminaire avec diffuseur microprismatique transparent. Le luminaire est livré avec un film satiné pour optimiser l'homogénéité (direct: -28,2% , direct-indirect: -11,7% sur le flux lumineux).

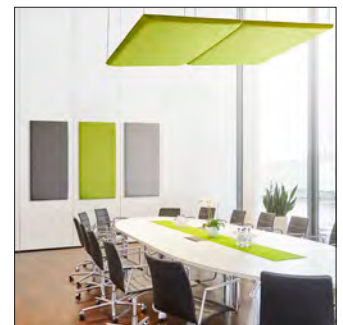
Il flusso luminoso indicato corrisponde all'apparecchio con diffusore microprismatico trasparente. La lampada é fornita con una pellicola satinata per ottimizzare l'omogeneità (diretto: -28,2%, diretto-indiretto: -11,7% del flusso luminoso).

ACOUSTIC ABSORBERS



ACOUSTIC PANELS

p.476



230V | up to L90/50.000h | up to 145lm/W | IEC 62471: Blue light hazard: RG 0 | MacAdam 3 | DALI switchDIM

# halo

Hängeleuchte  
Pendant luminaire  
Suspension  
Sospensione



## 1 MOUNTING



Rope vertical

**H**



Rope central merging

**Z**

## 2 SIZE



ø 760 mm

**076**



ø 1040 mm

**104**



ø 1220 mm

**122**



ø 1360 mm

**136**

## 3 COLOUR



silver

**9006**



white

**9016**



black

**9005**



RAL of your choice (p. 479)



## 4 DIRECT / INDIRECT / INGRESS PROTECTION



direct / IP20

**C1**



direct / indirect IP40

**E2**

## 5 LED



3000 K, CRI > 80

**830**



4000 K, CRI > 80

**840**



3000 K, CRI > 90

**930**



4000 K, CRI > 90

**940**



2700 - 6500 K dynamic white, CRI > 90

**HCL**

## 6 OUTPUT / CONTROL



low output non-dim

**L1**



low output DALI

**L3**



high output DALI

**H3**



dynamic white

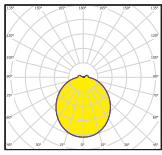
**X3**

R48 **1-2-3-4-5-6-S**

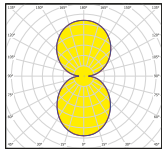
R48Z076 - 9016C1HCLX3S central, ø760 mm, white, direct, dynamic white (order sample)

**CONFIGURE ONLINE**

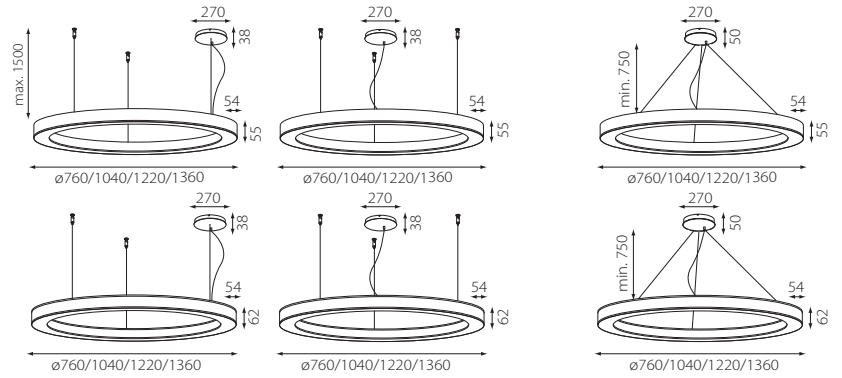
katalog.planlicht.com  
DESIGN: Nina Mair



direct



direct/indirect



**LUMINOUS FLUX (LM) / SYSTEM POWER (W)**

4000 K satiné	direct			direct / indirect			
	low output CRI > 80	high output CRI > 80	dynamic white CRI > 90	low output CRI > 80	high output CRI > 80	dynamic white CRI > 90	
ø 760 mm	2366 lm / 24W	3945 lm / 41 W	1966 lm / 23W	4732 lm / 48W	7843 lm / 81 W	3961 lm / 47W	10 kg
ø 1040 mm	3172 lm / 35W	4649 lm / 51 W	2873 lm / 32W	6337 lm / 69W	9283 lm / 103W	5754 lm / 63 W	14 kg
ø 1220 mm	3891 lm / 40W	6399 lm / 67W	3410 lm / 39W	7779 lm / 79W	12821 lm / 134W	6828 lm / 77W	15 kg
ø 1360 mm	4842 lm / 46W	7471 lm / 73W	3856 lm / 44W	9676 lm / 91W	14910 lm / 146W	7713 lm / 87W	18 kg

Die angegebenen Lichtstromwerte (lm) beziehen sich auf Leuchten mit einem weißen Gehäuse (RAL 9016). Unterschiedliche Gehäusefarben reduzieren diese entsprechend – silber (RAL 9006) um 21%, schwarz (RAL 9005) um 25%!

All figures of luminous flux (lm) are for fixtures with white housing (RAL 9016). Different housing colours reduce the luminous flux accordingly – silver (RAL 9006) minus 21%, black (RAL 9005) minus 25%!

Les valeurs de flux lumineux (lm) indiquées se réfèrent aux luminaires à corps blanc (RAL 9016). Différentes couleurs de corps les réduisent en conséquence – argent (RAL 9006) de 21 %, noir (RAL 9005) de 25 % !

I valori indicati di flusso luminoso (lm) si riferiscono a lampade con alloggiamento bianco (RAL 9016). A seconda del colore scelto per l'alloggiamento, tali valori possono ridursi: color argento (RAL 9006) -21%, nero (RAL 9005) -25%!

**LATERAL DIFFUSER**



# sqing

Hängeleuchte  
Pendant luminaire  
Suspension  
Sospensione



## 1 MOUNTING



Rope vertical

**H**



Rope central merging

**Z**

## 2 SIZE



760×760 mm

**07Q**



1070×1070 mm

**10Q**



1380×1380 mm

**13Q**

## 3 COLOUR



silver

**9006**



white

**9016**



black

**9005**



RAL of your choice (p. 479)



## 4 LED



3000 K, CRI > 80

**830**



4000 K, CRI > 80

**840**



3000 K, CRI > 90

**930**



4000 K, CRI > 90

**940**



2700 - 6500 K dynamic white, CRI > 90

**HCL**

## 5 OUTPUT/CONTROL



low output non-dim

**L1**



low output DALI

**L3**



high output DALI

**H3**



dynamic white

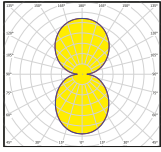
**X3**

R54 1 2-3 E2 4 5 S

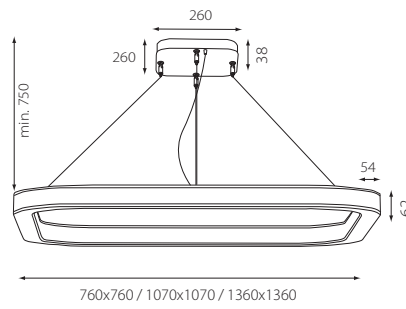
R54H10Q-9005E2940H3S Rope vertical, 1070x1070 mm, black, 4000 K, high output DALI (order sample)

CONFIGURE ONLINE

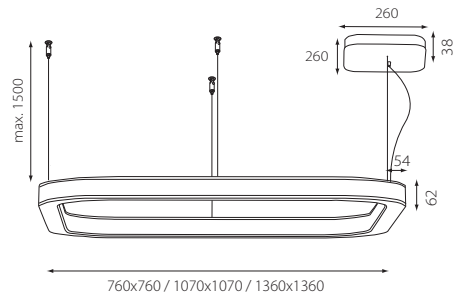
katalog.planlicht.com  
DESIGN: Nina Mair




Rope central merging



Rope vertical



**LUMINOUS FLUX (LM) / SYSTEM POWER (W)**

4000K satiné	low output CRI>80	high output CRI>80	dynamic white CRI>90	
760x760 mm	5120lm/88W	9568lm/52W	3408lm/46W	11,5 kg
1070x1070 mm	7680lm/140W	14568lm/77W	5232lm/70W	15,0 kg
1380x1380 mm	10240lm/176W	19136lm/105W	6976lm/88W	19,5 kg

Die angegebenen Lichtstromwerte (lm) beziehen sich auf Leuchten mit einem weißen Gehäuse (RAL 9016). Unterschiedliche Gehäusefarben reduzieren diese entsprechend – silber (RAL 9006) um 21%, schwarz (RAL 9005) um 25%!  
 All figures of luminous flux (lm) are for fixtures with white housing (RAL 9016). Different housing colours reduce the luminous flux accordingly – silver (RAL 9006) minus 21%, black (RAL 9005) minus 25%!  
 Les valeurs de flux lumineux (lm) indiquées se réfèrent aux luminaires à corps blanc (RAL 9016). Différentes couleurs de corps les réduisent en conséquence – argent (RAL 9006) de 21 %, noir (RAL 9005) de 25 % !  
 I valori indicati di flusso luminoso (lm) si riferiscono a lampade con alloggiamento bianco (RAL 9016). A seconda del colore scelto per l'alloggiamento, tali valori possono ridursi: color argento (RAL 9006) -21%, nero (RAL 9005) -25%!

**LATERAL DIFFUSER**



230V | UGR < 19 | up to L80/50.000h | up to 109lm/W | IEC 62471: Blue light hazard: RG 0 | MacAdam 3 | DALI switchDIM







# NEW ophelia direct

Hängeleuchte  
Pendant luminaire  
Suspension  
Sospensione



## 1 SUSPENSION

-  Rope vertical
-  Centrally bundled
-  Central merging
-  Rod centralized






**H**

**Y**






**Z**

**P**






## 2 SIZE

-  ø 330 mm
-  ø 420 mm
-  ø 620 mm
-  ø 920 mm
-  ø 1220 mm






## 3 COLOUR

-  silver **9006**
-  white **9016**
-  black **9005**
-  RAL of your choice (p. 479) 



## 4 LED

-  3000 K, CRI > 80 **830**
-  4000 K, CRI > 80 **840**
-  3000 K, CRI > 90 **930**
-  4000 K, CRI > 90 **940**
-  2700 - 6500 K dynamic white, CRI > 90 **HCL**

## 5 OUTPUT/CONTROL

-  low output non-dim **L1**
-  low output DALI **L3**
-  high output DALI **H3**
-  very high output DALI **V3**
-  dynamic white **X3**

## 6 OPTIC

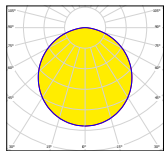
-  satiné **S**
-  microprism **M**

F53 1 2 - 3 F1 4 5 6

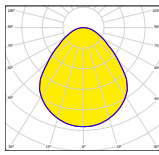
F53H042 - 9016F1840H3S Rope vertical, ø 420 mm, white, 4000 K, high output DALI, satiné (order sample)

CONFIGURE ONLINE

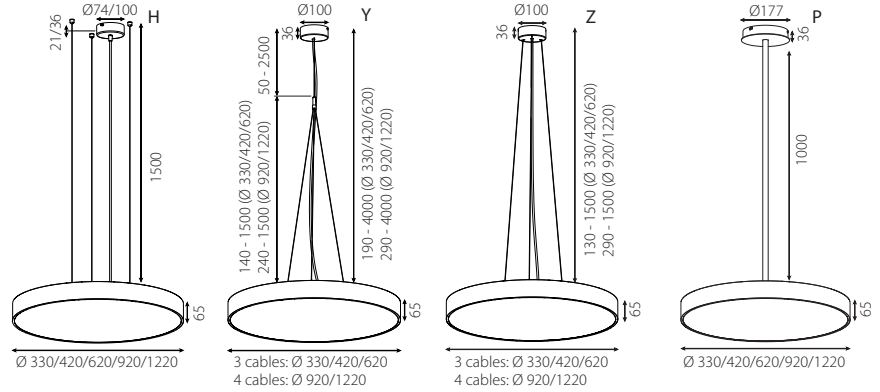
katalog.planlicht.com




satiné



microprism



LUMINOUS FLUX (LM) / SYSTEM POWER (W)

4000K satiné	low output CRI > 80	high output CRI > 80	very high output CRI > 80	dynamic white CRI > 90	
Ø 330 mm	962 lm / 7,4 W	2180 lm / 15 W	2661 lm / 18,5 W	1690 lm / 15 W	H/Y/Z: 2,4 kg / P: 3,3 kg
Ø 420 mm	1651 lm / 11,5 W	3218 lm / 22 W	3993 lm / 28 W	2494 lm / 22 W	H/Y/Z: 3,0 kg / P: 3,9 kg
Ø 620 mm	3513 lm / 22 W	6346 lm / 40 W	7938 lm / 51 W	4695 lm / 39 W	H/Y/Z: 4,9 kg / P: 5,8 kg
Ø 920 mm	7500 lm / 48 W	14606 lm / 93 W	18682 lm / 127 W	11431 lm / 131 W	H/Y/Z: 18,2 kg / P: 19 kg
Ø 1220 mm	14284 lm / 95 W	27748 lm / 178 W	34747 lm / 229 W	21716 lm / 182 W	H/Y/Z: 25,7 kg / P: 26,5 kg

COMPARE COVER Ø 420 MM

satiné 4000K	1651 lm	3218 lm	3993 lm	2494 lm
microprism 4000K	1492 lm	2930 lm	3622 lm	2271 lm

OPTIONAL ACCESSORY

920 mm Cover Plate, Indirect Side (1,2 kg) for H/Y/Z direct	white	F53-KAS-1-092-9016
	silver	F53-KAS-1-092-9006
	black	F53-KAS-1-092-9005
1220 mm Cover Plate, Indirect Side (3,2 kg) for H/Z direct	white	F53-KAS-1-122-9016
	silver	F53-KAS-1-122-9006
	black	F53-KAS-1-122-9005
920 mm Cover Plate, Indirect Side (1,2 kg) for P direct, 2 parts	white	F53-KAS-P-1-092-9016
	silver	F53-KAS-P-1-092-9006
	black	F53-KAS-P-1-092-9005
1220 mm Cover Plate, Indirect Side (3,2 kg) for P direct, 2 parts	white	F53-KAS-P-1-122-9016
	silver	F53-KAS-P-1-122-9006
	black	F53-KAS-P-1-122-9005



Die angegebenen Lichtstromwerte (lm) beziehen sich auf Leuchten mit einem weißen Gehäuse (RAL 9016). Je nach Gehäusefarbe und Durchmesser reduzieren sich diese entsprechend.  
 All figures of luminous flux (lm) are for fixtures with white housing (RAL 9016). Depending on the housing colour and diameter, the luminous flux is reduced accordingly.  
 Les valeurs de flux lumineux (lm) indiquées se réfèrent aux luminaires à corps blanc (RAL 9016). En fonction de la couleur du corps et du diamètre, celles-ci sont réduites en conséquence.  
 I valori indicati di flusso luminoso (lm) si riferiscono a lampade con alloggiamento bianco (RAL 9016). A seconda del diametro e del colore scelto per l'alloggiamento, tali valori possono ridursi.







# NEW ophelia direct - indirect

Hängeleuchte  
Pendant luminaire  
Suspension  
Sospensione








## 1 SUSPENSION

-  Rope vertical
-  Centrally bundled
-  Central merging
-  Rod centralized





**H**  
**Y**  
**Z**  
**P**


## 2 SIZE

-  ø 330 mm
-  ø 420 mm
-  ø 620 mm
-  ø 920 mm
-  ø 1220 mm

**033**  
**042**  
**062**  
**092**  
**122**

## 3 COLOUR

-  silver
-  white
-  black
-  RAL of your choice (p. 479)






**9006**  
**9016**  
**9005**  


## 4 LED

-  3000 K, CRI > 80
-  4000 K, CRI > 80
-  3000 K, CRI > 90
-  4000 K, CRI > 90
-  2700 - 6500 K dynamic white, CRI > 90



**830**  
**840**  
**930**  
**940**  
**HCL**

## 5 OUTPUT/CONTROL

-  low output non-dim
-  low output DALI
-  high output DALI
-  very high output DALI
-  dynamic white

**L1**  
**L3**  
**H3**  
**V3**  
**X3**

## 6 OPTIC

-  satiné
-  microprism (UGR < 19)

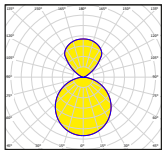
**S**  
**M**

F53 1 2 - 3 F2 4 5 6

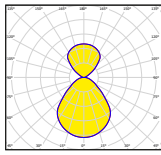
F53H042 - 9016F2840H3S Rope vertical, ø 420 mm, white, 4000 K, high output DALI, satiné (order sample)

**CONFIGURE ONLINE**

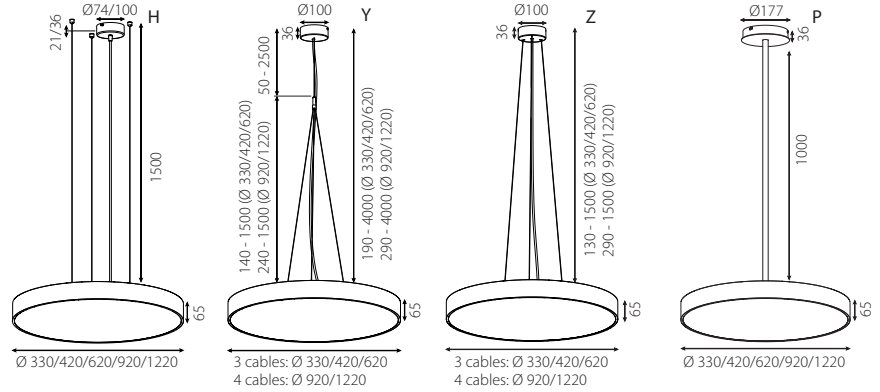
katalog.planlicht.com




satiné



microprism



LUMINOUS FLUX (LM) / SYSTEM POWER (W)

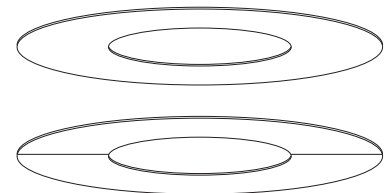
4000K satiné	low output CRI > 80	high output CRI > 80	very high output CRI > 80	dynamic white CRI > 90	
ø 330 mm	1353 lm / 10W	3055 lm / 22W	3664 lm / 28W	2368 lm / 22W	H/Y/Z: 2,5 kg / P: 3,5 kg
ø 420 mm	2554 lm / 17W	5048 lm / 33W	6166 lm / 41W	3912 lm / 33W	H/Y/Z: 3,3 kg / P: 4,2 kg
ø 620 mm	5406 lm / 33W	9665 lm / 59W	11890 lm / 76W	7150 lm / 57W	H/Y/Z: 5,7 kg / P: 6,6 kg
ø 920 mm	10228 lm / 67W	19972 lm / 130W	25587 lm / 173W	15630 lm / 133W	H/Y/Z: 18,7 kg / P: 19,5 kg
ø 1220 mm	19159 lm / 125W	37065 lm / 234W	46302 lm / 301W	29007 lm / 240W	H/Y/Z: 26,8 kg / P: 27,6 kg

COMPARE COVER Ø 420 MM

satiné 4000K	2554 lm	5048 lm	6166 lm	3912 lm
microprism 4000K	2421 lm	4796 lm	5924 lm	3717 lm

OPTIONAL ACCESSORY

1220 mm Cover Plate, Indirect Side (2,1 kg) for H/Z direct / indirect	white	<b>F53-KAS-2-122-9016</b>
	silver	<b>F53-KAS-2-122-9006</b>
	black	<b>F53-KAS-2-122-9005</b>
1220 mm Cover Plate, Indirect Side (2,2 kg) for P direct / indirect, 2 parts	white	<b>F53-KAS-P-2-122-9016</b>
	silver	<b>F53-KAS-P-2-122-9006</b>
	black	<b>F53-KAS-P-2-122-9005</b>

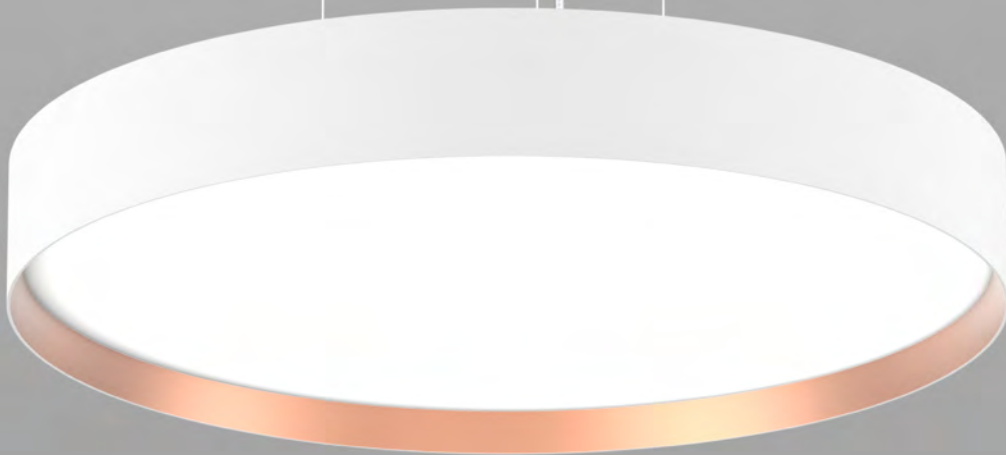


Die angegebenen Lichtstromwerte (lm) beziehen sich auf Leuchten mit einem weißen Gehäuse (RAL 9016). Je nach Gehäusefarbe und Durchmesser reduzieren sich diese entsprechend.  
 All figures of luminous flux (lm) are for fixtures with white housing (RAL 9016). Depending on the housing colour and diameter, the luminous flux is reduced accordingly.  
 Les valeurs de flux lumineux (lm) indiquées se réfèrent aux luminaires à corps blanc (RAL 9016). En fonction de la couleur du corps et du diamètre, celles-ci sont réduites en conséquence.  
 I valori indicati di flusso luminoso (lm) si riferiscono a lampade con alloggiamento bianco (RAL 9016). A seconda del diametro e del colore scelto per l'alloggiamento, tali valori possono ridursi.



# NEW odelia direct

Hängeleuchte  
Pendant luminaire  
Suspension  
Sospensione



## 1 SUSPENSION

- Rope vertical
- Centrally bundled
- Central merging
- Rod centralized

**H**  
**Y**  
**Z**  
**P**

## 2 SIZE

- ø 330 mm
- ø 420 mm
- ø 620 mm

**033**  
**042**  
**062**

## 3 COLOUR

- silver - silver **SISI**
- black - silver **SWSI**
- capital copper - black **CCSW**
- glaring gold - black **GGSW**
- black - black **SWSW**
- capital copper - white **CCWS**
- glaring gold - white **GGWS**
- black - white **SWSW**
- white - white **WSWS**
- RAL of your choice (p. 479)

Gehäuse | housing | logement | alloggi  
Zierring | decorative ring | anneau décoratif | anello decorativo

## 4 LED

- 3000 K, CRI > 80 **830**
- 4000 K, CRI > 80 **840**
- 3000 K, CRI > 90 **930**
- 4000 K, CRI > 90 **940**
- 2700 - 6500 K dynamic white, CRI > 90 **HCL**

## 5 OUTPUT/CONTROL

- low output non-dim **L1**
- low output DALI **L3**
- high output DALI **H3**
- very high output DALI **V3**
- dynamic white **X3**

## 6 OPTIC

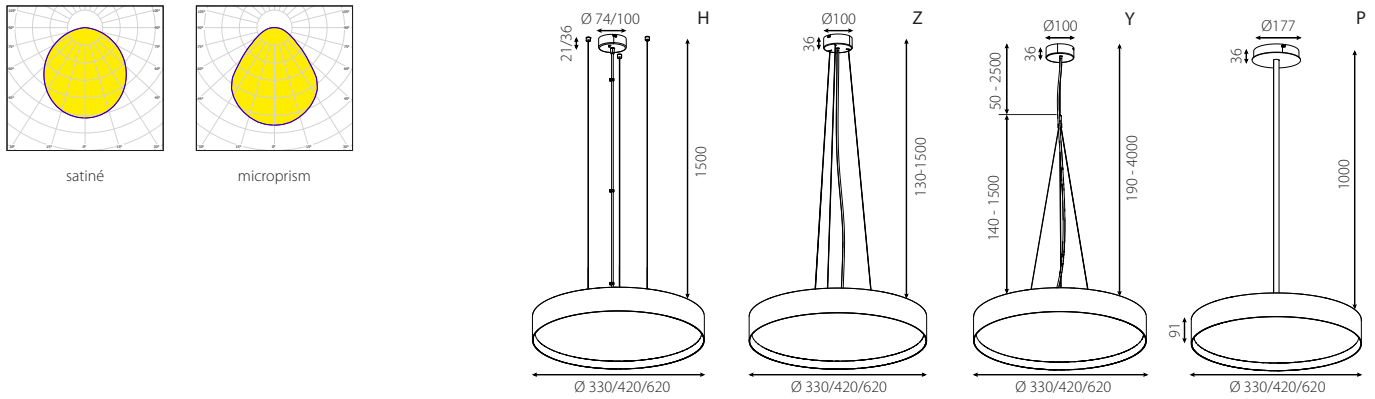
- satiné **S**
- microprism **M**

F54 1 2 - 3 F1 4 5 6

F54Z042 - 9016F1840H35 central merging, ø 420 mm, white, 4000 K, high output DALI, satiné (order sample)


**CONFIGURE ONLINE**

katalog.planlicht.com



Rod standard 1 m, longer on request.

**LUMINOUS FLUX (LM) / SYSTEM POWER (W)**

4000K satiné	low output CRI > 80	high output CRI > 80	very high output CRI > 80	dynamic white CRI > 90	
ø 330 mm	885 lm / 7,4W	2036 lm / 15W	2524 lm / 18,5W	1578 lm / 15W	H/Y/Z: 2,7 kg / P: 3,6 kg
ø 420 mm	1550 lm / 11,5W	3067 lm / 22W	3865 lm / 28W	2377 lm / 22W	H/Y/Z: 3,4 kg / P: 4,3 kg
ø 620 mm	3385 lm / 22W	6207 lm / 40W	7884 lm / 51 W	4592 lm / 40W	H/Y/Z: 5,5 kg / P: 6,4 kg

**COMPARE COVER Ø 420 MM**

satiné 4000K	1550 lm	3067 lm	3865 lm
microprism 4000K	1401 lm	2793 lm	3506 lm

Die angegebenen Lichtstromwerte (lm) beziehen sich auf Leuchten mit einem weißen Gehäuse (RAL 9016). Je nach Gehäusefarbe und Durchmesser reduzieren sich diese entsprechend.  
 All figures of luminous flux (lm) are for fixtures with white housing (RAL 9016). Depending on the housing colour and diameter, the luminous flux is reduced accordingly.  
 Les valeurs de flux lumineux (lm) indiquées se réfèrent aux luminaires à corps blanc (RAL 9016). En fonction de la couleur du corps et du diamètre, celles-ci sont réduites en conséquence.  
 I valori indicati di flusso luminoso (lm) si riferiscono a lampade con alloggiamento bianco (RAL 9016). A seconda del diametro e del colore scelto per l'alloggiamento, tali valori possono ridursi.

p. 473



230V | up to L80/50.000h | up to 155 lm / W | IEC 62471: Blue light hazard: RG 0 | MacAdam 3 | DALI switchDIM





**NEW**




# odelia direct - indirect

Hängeleuchte  
Pendant luminaire  
Suspension  
Sospensione














## 1 SUSPENSION

-  Rope vertical
-  Rope centrally bundled
-  Rope central merging
-  Rod centralized

- |          |   |          |
|----------|---|----------|
| <b>H</b> |  | ø 330 mm |
| <b>Y</b> |  | ø 420 mm |
| <b>Z</b> |  | ø 620 mm |
| <b>P</b> |   |          |






## 2 SIZE

## 3 COLOUR






- |   |                             |   |
|---|-----------------------------|---|
|  | silver - silver             | <b>SISI</b>   |
|  | black - silver              | <b>SWSI</b>   |
|  | capital copper - black      | <b>CCSW</b>   |
|  | glaring gold - black        | <b>GGSW</b>   |
|  | black - black               | <b>SWSW</b>   |
|  | capital copper - white      | <b>CCWS</b>   |
|  | glaring gold - white        | <b>GGWS</b>   |
|  | black - white               | <b>SWWS</b>   |
|  | white - white               | <b>WSWS</b>   |
|  | RAL of your choice (p. 479) |  |

Gehäuse | housing | logement | alloggi  
Zierring | decorative ring | anneau décoratif | anello decorativo

## 4 LED

- |   |                                       |            |
|---|---------------------------------------|------------|
|  | 3000 K, CRI > 80                      | <b>830</b> |
|  | 4000 K, CRI > 80                      | <b>840</b> |
|  | 3000 K, CRI > 90                      | <b>930</b> |
|  | 4000 K, CRI > 90                      | <b>940</b> |
|  | 2700 - 6500 K dynamic white, CRI > 90 | <b>HCL</b> |

## 5 OUTPUT/CONTROL

- |   |                       |           |
|---|-----------------------|-----------|
|  | low output non-dim    | <b>L1</b> |
|  | low output DALI       | <b>L3</b> |
|  | high output DALI      | <b>H3</b> |
|  | very high output DALI | <b>V3</b> |
|  | dynamic white         | <b>X3</b> |

## 6 OPTIC

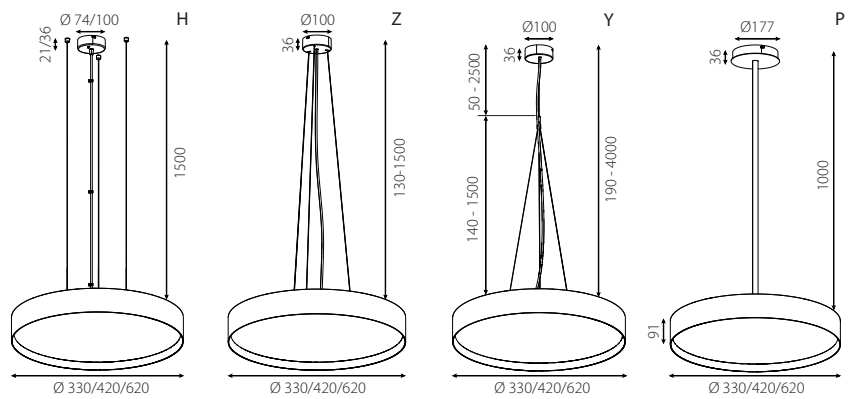
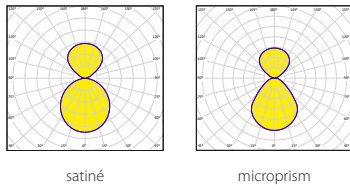
- |   |                       |          |
|---|-----------------------|----------|
|  | satiné                | <b>S</b> |
|  | microprism (UGR < 19) | <b>M</b> |

F54 **1** **2** **3** **F2** **4** **5** **6**

F54H042 - 9016F2840H3S Rope vertical, ø 420 mm, white, 4000 K, high output DALI, satiné (order sample)


**CONFIGURE ONLINE**

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Rod standard 1 m, longer on request.

**LUMINOUS FLUX (LM) / SYSTEM POWER (W)**

4000K satiné	low output CRI > 80	high output CRI > 80	very high output CRI > 80	dynamic white CRI > 90	
ø 330 mm	1276 lm / 10W	2911 lm / 22W	3507 lm / 28W	2256 lm / 22W	H/Y/Z: 2,8 kg / P: 3,8 kg
ø 420 mm	2453 lm / 17W	4897 lm / 33W	6038 lm / 41W	3795 lm / 33W	H/Y/Z: 3,7 kg / P: 4,6 kg
ø 620 mm	5278 lm / 33W	9526 lm / 59W	11836 lm / 76W	7047 lm / 57W	H/Y/Z: 6,3 kg / P: 7,2 kg

**COMPARE COVER Ø 420 MM**

satiné 4000K	2453 lm	4897 lm	6038 lm
microprism 4000K	2330 lm	4659 lm	5808 lm

Die angegebenen Lichtstromwerte (lm) beziehen sich auf Leuchten mit einem weißen Gehäuse (RAL 9016). Je nach Gehäusefarbe und Durchmesser reduzieren sich diese entsprechend.  
 All figures of luminous flux (lm) are for fixtures with white housing (RAL 9016). Depending on the housing colour and diameter, the luminous flux is reduced accordingly.  
 Les valeurs de flux lumineux (lm) indiquées se réfèrent aux luminaires à corps blanc (RAL 9016). En fonction de la couleur du corps et du diamètre, celles-ci sont réduites en conséquence.  
 I valori indicati di flusso luminoso (lm) si riferiscono a lampade con alloggiamento bianco (RAL 9016). A seconda del diametro e del colore scelto per l'alloggiamento, tali valori possono ridursi.







**1 SUSPENSION**

	Rope vertical	<b>H</b>
	Rope centrally bundled	<b>Y</b>
	Rope central merging	<b>Z</b>
	Rod centralized	<b>P</b>

**2 SIZE**

	ø 330 mm (direct only)	<b>033</b>
	ø 420 mm	<b>042</b>
	ø 620 mm	<b>062</b>

**3 COLOUR**

	silver	<b>9006</b>
	white	<b>9016</b>
	black	<b>9005</b>
	RAL of your choice (p. 479)	

**4 DIRECT/INDIRECT**

	direct	<b>1</b>
	direct/indirect	<b>2</b>

**5 LED**

	3000 K, CRI > 80	<b>830</b>
	4000 K, CRI > 80	<b>840</b>
	3000 K, CRI > 90	<b>930</b>
	4000 K, CRI > 90	<b>940</b>
	2700 - 6500 K dynamic white, CRI > 90	<b>HCL</b>

**6 OUTPUT/CONTROL**

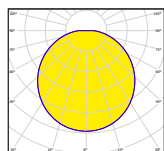
	low output non-dim	<b>L1</b>
	low output DALI	<b>L3</b>
	high output DALI	<b>H3</b>
	dynamic white (direct only)	<b>X3</b>

F52 **1** **2** - **3** **C** **4** **5** **6** **S**

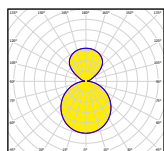
F52H042-9016C1840H35 Rope vertical, ø420 mm, white, direct, 4000 K, high output DALI, satiné (order sample)

**CONFIGURE ONLINE**

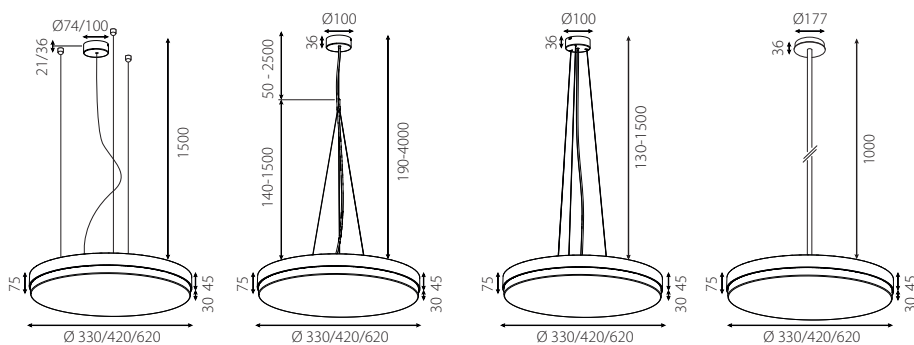
katalog.planlicht.com



direct



direct/indirect



**LUMINOUS FLUX (LM) / SYSTEM POWER (W)**

4000 K satiné	direct			direct/indirect			H/Y/Z: 2,6 kg/P: 3,5 kg
	low output CRI > 80	high output CRI > 80	dynamic white CRI > 90	low output CRI > 80	high output CRI > 80	dynamic white CRI > 90	
ø 330 mm	1269 lm / 10,5W	2026 lm / 15W	1570 lm / 15W				H/Y/Z: 2,6 kg/P: 3,5 kg
ø 420 mm	1787 lm / 12,5W	3225 lm / 22W	2025 lm / 18W	2690 lm / 18W	5055 lm / 33W	3443 lm / 29W	H/Y/Z: 3,7 kg/P: 4,6 kg
ø 620 mm	3400 lm / 22,0W	6142 lm / 40W	4544 lm / 39W	5293 lm / 33W	9461 lm / 59W	6999 lm / 57W	H/Y/Z: 6,9 kg/P: 7,8 kg



Die angegebenen Lichtstromwerte (lm) beziehen sich auf Leuchten mit einem weißen Gehäuse (RAL 9016). Je nach Gehäusefarbe und Durchmesser reduzieren sich diese entsprechend.

All figures of luminous flux (lm) are for fixtures with white housing (RAL 9016). Depending on the housing colour and diameter, the luminous flux is reduced accordingly.

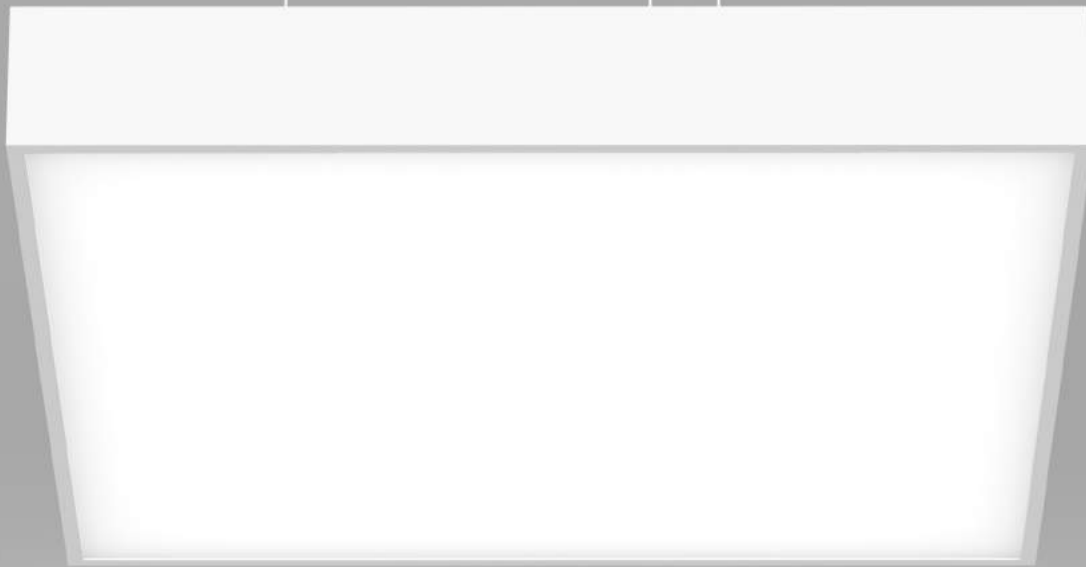
Les valeurs de flux lumineux (lm) indiquées se réfèrent aux luminaires à corps blanc (RAL 9016). En fonction de la couleur du corps et du diamètre, celles-ci sont réduites en conséquence.

I valori indicati di flusso luminoso (lm) si riferiscono a lampade con alloggiamento bianco (RAL 9016). A seconda del diametro e del colore scelto per l'alloggiamento, tali valori possono ridursi.







# NEW olmo direct

Hängeleuchte  
Pendant luminaire  
Suspensions  
Sospensione








## 1 SUSPENSION







-  Rope vertical
-  Rope centrally bundled
-  Rope central merging
-  Rod centralized

**H**  
**Y**  
**Z**  
**P**






## 2 SIZE

-  330 x 330 mm
-  456 x 456 mm
-  594 x 594 mm
-  892 x 892 mm
-  1166 x 1166 mm (not Y)









## 3 COLOUR

-  silver **9006**
-  white **9016**
-  black **9005**
-  RAL of your choice (p. 479) 
- 



## 4 LED

-  3000 K, CRI > 80 **830**
-  4000 K, CRI > 80 **840**
-  3000 K, CRI > 90 **930**
-  4000 K, CRI > 90 **940**
-  2700 - 6500 K dynamic white, CRI > 90 **HCL**

## 5 OUTPUT/CONTROL

-   low output non-dim **L1**
-   low output DALI **L3**
-   high output DALI **H3**
-   dynamic white **X3**

## 6 OPTIC

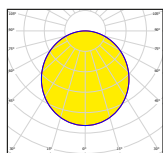
-  satiné **S**
-  microprism **M**

F61 1-2 F1 3 4 5 6

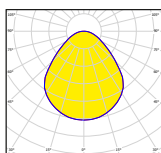
F61H03Q-9016C1840H3S Rope vertical, 330x330 mm, white, direct, 4000K, high output DALI, satiné (order sample)

CONFIGURE ONLINE

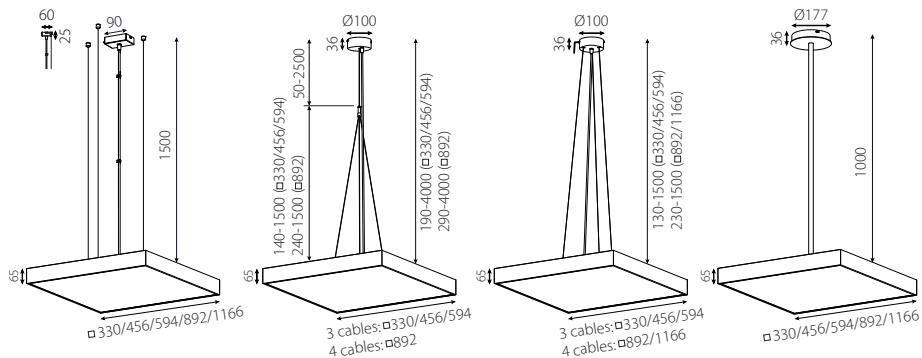
katalog.planlicht.com




satiné



microprism



**LUMINOUS FLUX (LM) / SYSTEM POWER (W)**

4000K satiné	low output CRI > 80	high output CRI > 80	dynamic white CRI > 90	 kg
330x330 mm	1469lm / 10,5W	2653lm / 18,5W	2057lm / 18,5W	
456x456 mm	2882lm / 20,5W	4603lm / 33W	3568lm / 33W	4,3 kg
594x594 mm	4866lm / 31W	9137lm / 59W	6269lm / 54W	5,8 kg
892x892 mm	10529lm / 67W	19379lm / 129W	12619lm / 110W	22,2 kg
1166x1166 mm	17069lm / 111W	33369lm / 208W	25868lm / 216W	29,2 kg

**COMPARE COVER 456x456 MM**

satiné 4000K	2892lm	4603lm
microprism 4000K	2501lm	3995lm

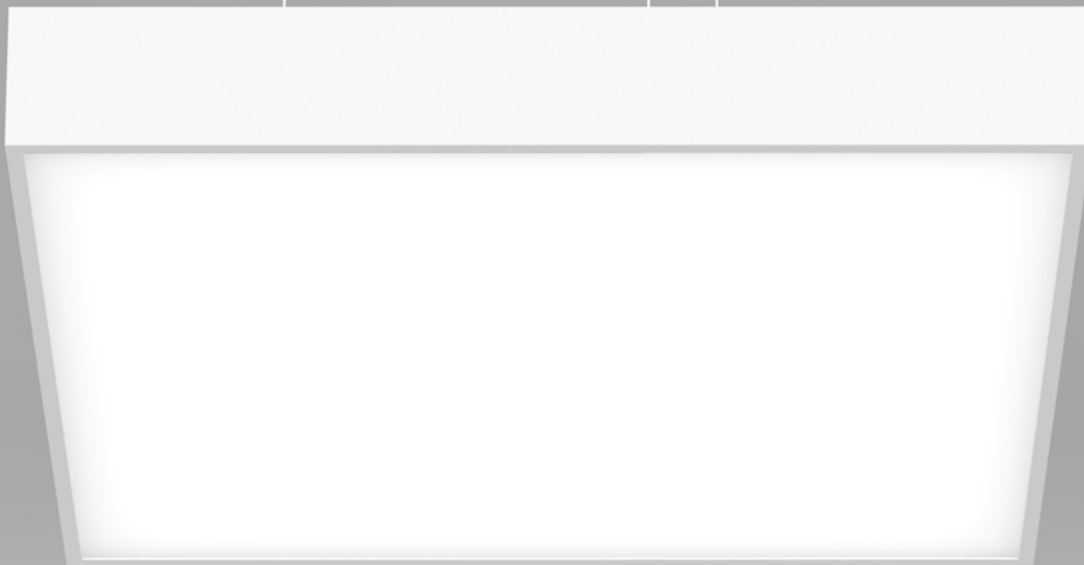
Die angegebenen Lichtstromwerte (lm) beziehen sich auf Leuchten mit einem weißen Gehäuse (RAL 9016). Je nach Gehäusefarbe und Größe reduzieren sich diese entsprechend.  
 All figures of luminous flux (lm) are for fixtures with white housing (RAL 9016). Depending on the housing colour and size, the luminous flux is reduced accordingly.  
 Les valeurs de flux lumineux (lm) indiquées se réfèrent aux luminaires à corps blanc (RAL 9016). En fonction de la couleur du corps et de la taille, celles-ci sont réduites en conséquence.  
 I valori indicati di flusso luminoso (lm) si riferiscono a lampade con alloggiamento bianco (RAL 9016). A seconda delle dimensioni e del colore scelto per l'alloggiamento, tali valori possono ridursi.







p. 473

# NEW olmo direct-indirect

Hängeleuchte  
Pendant luminaire  
Suspensions  
Sospensione








## 1 SUSPENSION






-  Rope vertical
-  Rope centrally bundled
-  Rope central merging
-  Rod centralized

**H**  
**Y**  
**Z**  
**P**






## 2 SIZE

-  330 x 330 mm
-  456 x 456 mm
-  594 x 594 mm
-  892 x 892 mm
-  1166 x 1166 mm (not Y)





## 3 COLOUR

-  silver **9006**
-  white **9016**
-  black **9005**
-  RAL of your choice (p. 479) 
- 11Q**



## 4 LED

-  3000 K, CRI > 80 **830**
-  4000 K, CRI > 80 **840**
-  3000 K, CRI > 90 **930**
-  4000 K, CRI > 90 **940**
-  2700 - 6500 K dynamic white, CRI > 90 **HCL**

## 5 OUTPUT/CONTROL

-  low output non-dim **L1**
-  low output DALI **L3**
-  high output DALI **H3**
-  dynamic white **X3**

## 6 OPTIC

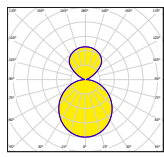
-  satiné **S**
-  microprism **M**

F61 1-2 F2 3 4 5 6

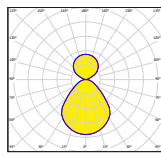
F61H03Q-9016C2840H3S Rope vertical, 330 x 330 mm, white, direct, 4000K, high output DALI (order sample)

CONFIGURE ONLINE

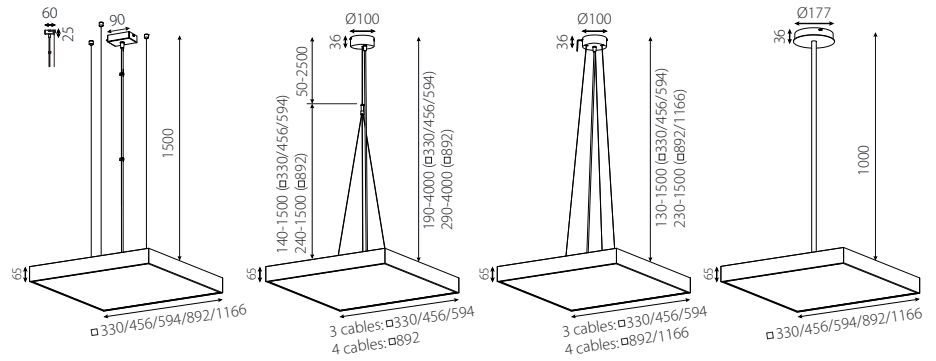
katalog.planlicht.com




satiné



microprism



**LUMINOUS FLUX (LM) / SYSTEM POWER (W)**

4000K satiné	low output CRI > 80	high output CRI > 80	dynamic white CRI > 90	
330x330 mm	2155 lm / 15W	3891 lm / 27W	3017 lm / 27 W	3,8 kg
456x456 mm	4297 lm / 30W	6835 lm / 48W	5298 lm / 48W	4,3 kg
594x594 mm	7378 lm / 47W	13833 lm / 90W	9491 lm / 81 W	5,8 kg
892x892 mm	14020 lm / 93W	28688 lm / 198W	18104 lm / 147W	22,2 kg
1166x1166 mm	22490 lm / 147W	47824 lm / 312W	35090 lm / 294W	29,2 kg

**COMPARE COVER 456x456 MM**

satiné 4000K	4297 lm	6835 lm
microprism 4000K	3916 lm	6227 lm

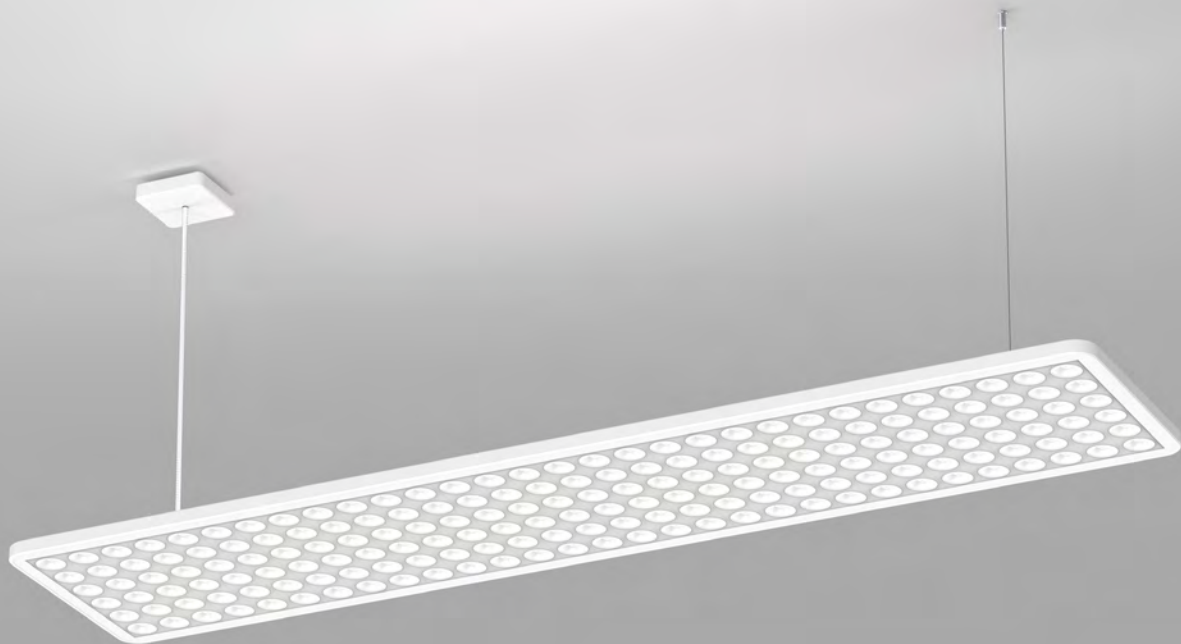
Die angegebenen Lichtstromwerte (lm) beziehen sich auf Leuchten mit einem weißen Gehäuse (RAL 9016). Je nach Gehäusefarbe und Größe reduzieren sich diese entsprechend.  
 All figures of luminous flux (lm) are for fixtures with white housing (RAL 9016). Depending on the housing colour and size, the luminous flux is reduced accordingly.  
 Les valeurs de flux lumineux (lm) indiquées se réfèrent aux luminaires à corps blanc (RAL 9016). En fonction de la couleur du corps et de la taille, celles-ci sont réduites en conséquence.  
 I valori indicati di flusso luminoso (lm) si riferiscono a lampade con alloggiamento bianco (RAL 9016). A seconda delle dimensioni e del colore scelto per l'alloggiamento, tali valori possono ridursi.

p. 473



# skai

Hängeleuchte  
Pendant luminaire  
Suspensions  
Sospensione







## 1 SIZE

1186 mm  
1471 mm



**118**  
**147**

## 2 COLOUR

-  silver
-  white
-  black
-  RAL of your choice (p. 479)




**9006**  
**9016**  
**9005**

## 3 DIRECT / INDIRECT

-  direct
-  direct / indirect




**1**  
**2**

## 4 LED

-  3000K, CRI > 90
-  4000K, CRI > 90
-  2700 - 6500K, dynamic white, CRI > 80

**930**  
**940**  
**HCL**

## 5 OUTPUT / CONTROL

-  non-dim
-  DALI
-  Sensor (direct / indirect only)

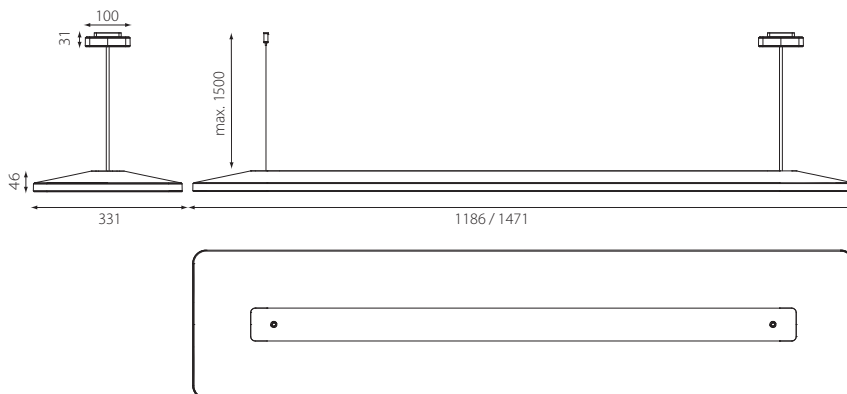
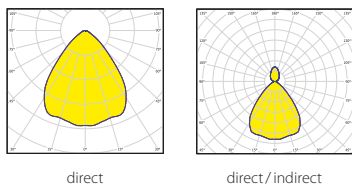
**1**  
**3**  
**7**

T11H**1-2C34x5L**

T11H118-9016C2840X3L 1186 mm, white, direct / indirect, 4000K, DALI, (order sample)

**CONFIGURE ONLINE**

katalog.planlicht.com



**LUMINOUS FLUX (LM) / SYSTEM POWER (W)**

	direct			direct/indirect			
	3000 K	4000 K	dynamic white	3000 K	4000 K	dynamic white	
1186 mm	2936 lm / 30 W	3274 lm / 30 W	3493 lm / 30 W	4384 lm / 51 W	4872 lm / 51 W	5136 lm / 51 W	7,5 kg
1471 mm	3563 lm / 37 W	3974 lm / 37 W	4367 lm / 38 W	4957 lm / 56 W	4957 lm / 56 W	6123 lm / 58 W	9,0 kg

**ACCESSORIES - DECORATIVE FRAME**

T11-1-2-SW

**1 OUTPUT**

**2 SIZE**

non-dim DALI	<b>ZRA</b>	1186 mm	<b>118</b>
Sensor DALI	<b>ZRASD</b>	1471 mm	<b>147</b>
Sensor dynamic white	<b>ZRASH</b>		

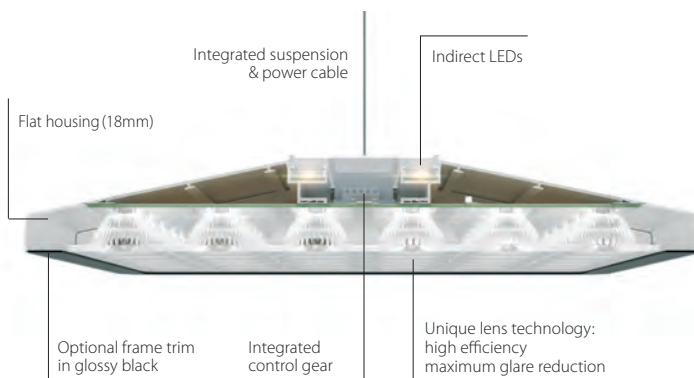
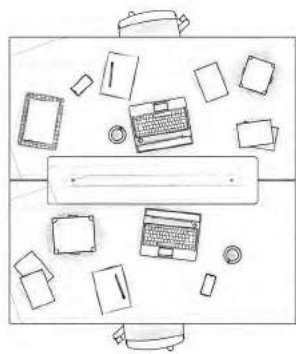
**ACCESSORIES - SENSOR DALI**

54P913700359103 Extended IR Programming Tool

54P913700392403 IR Remote Control

**ENERGY SAVING TIP**

One SKAI luminaire is capable to perfectly illuminate two workspaces at the same time.



p. 473

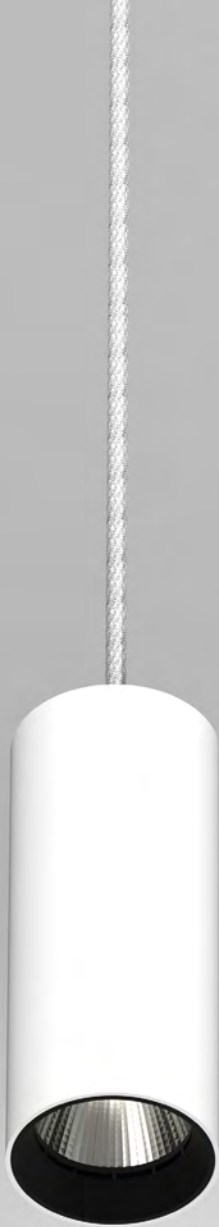


230V | UGR < 16 | up to L90/50.000h | up to 106lm/W | up to 5548lm/m | MacAdam 3 | DALI switchDIM






# NEW zenit M

Aufbaustrahler hängend  
 Pendant downlight  
 Spot en saillie suspendu  
 Faretto a plafone sospeso



## 1 HOUSING COLOUR

-  white
-  black
-  RAL of your choice (p. 479)

SWWS

SWSW



## 2 LED

-  3000 K, CRI > 80
-  4000 K, CRI > 80
-  2700 K, CRI > 90
-  3000 K, CRI > 90
-  3500 K, CRI > 90
-  4000 K, CRI > 90
-  3250 K Fashion
-  Bakery goods
-  Meat
-  Sausage products
-  Fish
-  Obst & Gemüse | Fruit & vegetables

830

840

927

930

935

940

FAS

BAC





FLE

WUR

FIS

FRU

## 3 OUTPUT

-  low output **L**
-  medium output **M**
-  high output **H**
-  very high output **V**

## 4 CONTROL

-  non-dim **1**
-  DALI **3**

## 5 BEAM ANGLE

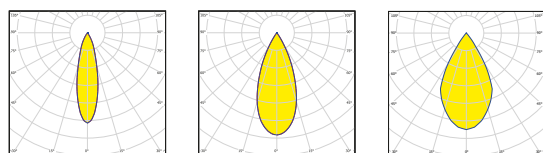
-  23° **2**
-  40° **4**
-  60° **6**

S10H200-1 c1 2 3 4 5

S10H200-SWWS1940H14 white, LF940, high output, non-dim, 40° (order sample)

CONFIGURE ONLINE

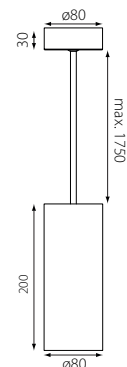
katalog.planlicht.com



23°

40°

60°

 Weight (kg)  
1 kg


## LUMINOUS FLUX (LM) / SYSTEM POWER (W)

	low output (9,3 - 10W)			medium output (11 - 12W)			high output (17 - 18,5W)			very high output (22 - 24W)		
	23°	40°	60°	23°	40°	60°	23°	40°	60°	23°	40°	60°
LF830 3000K	1112 lm	1107 lm	1088 lm	1322 lm	1316 lm	1293 lm	1931 lm	1917 lm	1884 lm	2505 lm	2482 lm	2440 lm
LF840 4000K	1180 lm	1164 lm	1144 lm	1404 lm	1384 lm	1360 lm	2050 lm	2023 lm	1988 lm	2658 lm	2624 lm	2579 lm
LF927 2700K	901 lm	899 lm	884 lm	1072 lm	1069 lm	1051 lm	1565 lm	1565 lm	1538 lm	2029 lm	2018 lm	1983 lm
LF930 3000K	944 lm	952 lm	936 lm	1122 lm	1130 lm	1111 lm	1629 lm	1643 lm	1615 lm	2102 lm	2120 lm	2084 lm
LF935 3500K	967 lm	974 lm	957 lm	1151 lm	1159 lm	1139 lm	1687 lm	1696 lm	1667 lm	2196 lm	2203 lm	2165 lm
LF940 4000K	976 lm	989 lm	972 lm	1161 lm	1175 lm	1155 lm	1696 lm	1713 lm	1684 lm	2199 lm	2219 lm	2181 lm
FAS	880 lm	880 lm	837 lm	1047 lm	1046 lm	995 lm	1531 lm	1523 lm	1449 lm	1988 lm	1969 lm	1873 lm
BAC	604 lm	598 lm	569 lm	716 lm	710 lm	675 lm	1038 lm	1034 lm	984 lm	1333 lm	1336 lm	1271 lm
FLE	604 lm	598 lm	569 lm	717 lm	710 lm	675 lm	1039 lm	1031 lm	981 lm	1334 lm	1328 lm	1263 lm
WUR	570 lm	568 lm	540 lm	679 lm	676 lm	643 lm	994 lm	990 lm	942 lm	1293 lm	1287 lm	1224 lm
FIS	924 lm	924 lm	879 lm	1100 lm	1098 lm	1044 lm	1608 lm	1599 lm	1521 lm	2088 lm	2067 lm	1966 lm
FRU	774 lm	769 lm	731 lm	930 lm	924 lm	879 lm	1403 lm	1396 lm	1328 lm	1879 lm	1875 lm	1783 lm

## OPTIONAL ACCESSORY

Blendschutz-Wabenraster   Honeycomb glare protection   Filtre anti-éblouissement nid d'abeilles   Filtro anti-abbagliamento a nido d'ape	S10-BLE-80
Ovalzeichnerlinse   Refractor for elliptical distribution   Lentille ovalisante   Lenti ovalizzanti	S10-OZL-80
Klares Schutzglas   Clear protective glass   Verre de protection transparent   Vetro di protezione trasparente	S10-SGL-80
Weichzeichnerglas   Diffusor protection glass   Verre effet flou   Vetro con effetto sfocatura	S10-WGL-80

Reflektortausch werkzeuglos möglich. Passive Kühlung.  
Replacement of the reflector without the use of any tools. Passive cooling.  
Remplacement du réflecteur sans outil. Refroidissement passif.  
Sostituzione del riflettore senza utensili. Raffreddamento passivo.



230V | up to L90/50.000h | up to 160lm /W | IEC 62471: Blue light hazard: RG 0 | MacAdam 3 | DALI switchDIM

# WALL

---



Wandleuchte  
*Wall luminaire*  
*Applique murale*  
*Apparecchio a parete*

2.3

Profileuchten - Profile luminaires



**P.THIRTY** *NEW*

minimalistic profile

p. 304



**PURE 3**

most flexible profile system

p. 308



**P.FORTY**

light technology meets eye comfort

p. 306



**PURE 2 IP54**

splash proof profile

p. 310

Flächenleuchten - Area luminaires



**OPHELIA** *NEW*

ultra efficient round luminaire

p. 312



**LILIBET** *NEW*

round luminaire with iconic diffuser

p. 320



**ODELIA** *NEW*

the elegant surface luminaire

p. 316



**OLMO** *NEW*

efficient square luminaire

p. 322

Wandleuchten - Wall lights



**SPACECUBE**

classic wall light

p. 326



**WALL 90**

recessed wall light

p. 328



**1 SIZE**



p. 386

557 mm (only L1, H1)	<b>055</b>
827 mm	<b>082</b>
1187 mm	<b>118</b>
1457 mm	<b>145</b>
2899 mm	<b>289</b>
3531 mm	<b>353</b>
4341 mm	<b>434</b>

**2 COLOUR**

	silver	<b>9006</b>
	white	<b>9016</b>
	black	<b>9005</b>
	RAL of your choice (p. 479)	

**3 DIRECT/INDIRECT**

	direct	<b>1</b>
	direct/indirect	<b>2</b>

**4 LED**

	2700 K, CRI > 90	<b>927</b>
	3000 K, CRI > 90	<b>930</b>
	4000 K, CRI > 90	<b>940</b>

**5 OUTPUT/CONTROL**

	low output non-dim	<b>L1</b>
	low output DALI	<b>L3</b>
	high output DALI	<b>H3</b>
	high output non dim (only 055)	<b>H1</b>

**6 OPTIC**

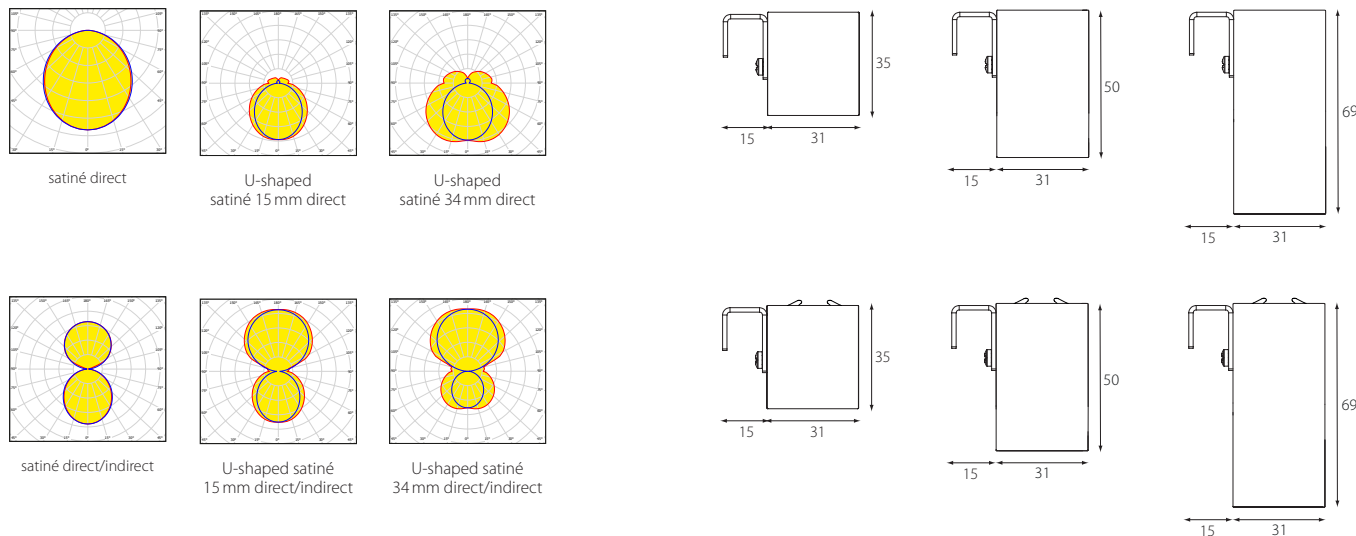
	satiné	<b>S</b>
	U-shaped satiné, 15 mm	<b>U</b>
	U-shaped satiné, 34 mm	<b>Q</b>

P30W**1-23456**

P30W082-9016C1930H3S 827 mm, white, IP20, direct, 3000 K, high output DALI, satiné (order sample)

**CONFIGURE ONLINE**

katalog.planlicht.com



**LUMINOUS FLUX (LM) / SYSTEM POWER (W), CRI > 90**

4000 K satiné	direct		direct / indirect		
	low output	high output	low output	high output	
557 mm	758lm / 8 W	1079lm / 11,5 W	1050lm / 9,8 W	1517lm / 14 W	0,5 kg
827 mm	1131 lm / 10,5 W	1614lm / 15,5 W	1922lm / 15,5 W	2728lm / 22 W	0,6 kg
1187 mm	1629lm / 14,5W	2327lm / 21W	3060lm / 25 W	4343lm / 36 W	1,0 kg
1457 mm	2002lm / 17W	2862lm / 25W	3913lm / 31 W	5556lm / 44 W	1,1 kg
2899mm	3989lm / 34W	5711lm / 50W	8143lm / 63 W	11572lm / 91 W	2,1 kg
3531 mm	4858lm / 43W	6957lm / 62W	9976lm / 77 W	14178lm / 112 W	2,5 kg
4341 mm	5974lm / 51W	8559lm / 74W	12217lm / 95 W	17370lm / 137 W	3,1 kg

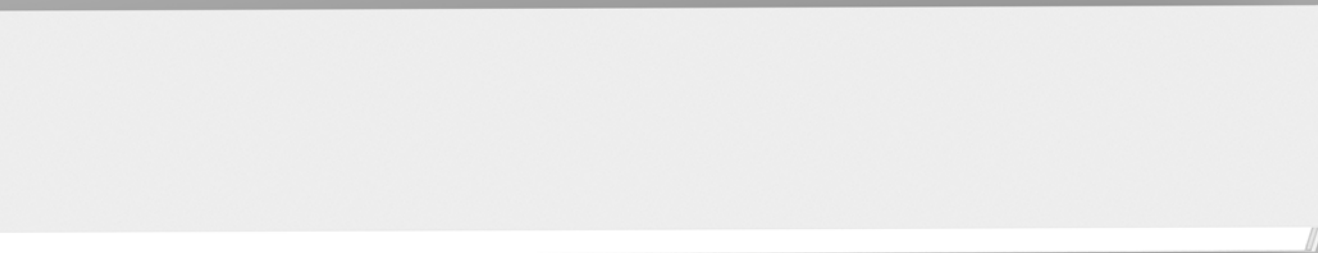
**COMPARE COVER 1457 MM, 4000 K, CRI > 90**

satiné	2002 lm	2862 lm	3913 lm	5556 lm
U-shaped satiné (15 mm)	1564 lm	2236 lm	3475 lm	4930 lm
U-shaped satiné (34 mm)	1732 lm	2476 lm	3643 lm	5170 lm

**P.THIRTY PROFILE SYSTEM**

p. 386





**1 SIZE**



p. 392

574 mm	<b>057</b>
854 mm	<b>085</b>
1134 mm	<b>113</b>
1414 mm	<b>141</b>
1694 mm	<b>169</b>
2254 mm	<b>225</b>
2818 mm	<b>281</b>
3378 mm	<b>337</b>
4498 mm	<b>449</b>

**2 COLOUR**

	silver	<b>9006</b>
	white	<b>9016</b>
	black	<b>9005</b>
	RAL of your choice (p. 479)	

**3 DIRECT/INDIRECT**

	direct	<b>1</b>
	direct/indirect	<b>2</b>

**4 LED**

	3000 K, CRI > 80	<b>830</b>
	4000 K, CRI > 80	<b>840</b>
	3000 K, CRI > 90	<b>930</b>
	4000 K, CRI > 90	<b>940</b>
	2700-6500 K, dynamic white, CRI > 90	<b>HCL</b>

**5 OUTPUT/CONTROL**

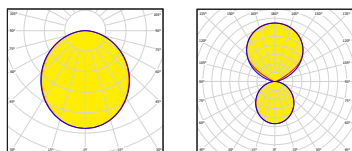
	low output non-dim	<b>L1</b>
	low output DALI	<b>L3</b>
	high output DALI	<b>H3</b>
	dynamic white	<b>X3</b>

P40W**1-2C345S**

P40W141 - 9016C1840H3S 1414 mm, white, direct, 4000K, high output DALI, satiné (order sample)

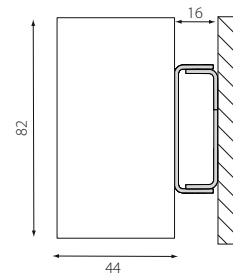
**CONFIGURE ONLINE**

katalog.planlicht.com



satiné direct

satiné direct/indirect



LUMINOUS FLUX (LM) / SYSTEM POWER (W)

4000K satiné	direct			direct/indirect			
	low output CRI > 80	high output CRI > 80	dynamic white CRI > 90	low output CRI > 80	high output CRI > 80	dynamic white CRI > 90	
574 mm	814 lm / 8,4 W	1360 lm / 13 W	1071 lm / 14,5 W	1872 lm / 14,5 W	3211 lm / 25 W	2413 lm / 25 W	2,0 kg
854 mm	1230 lm / 11,5 W	2080 lm / 19 W	1623 lm / 21 W	2826 lm / 21 W	4884 lm / 36 W	3670 lm / 36 W	2,6 kg
1134 mm	1664 lm / 14,5 W	2879 lm / 25 W	2208 lm / 26 W	3816 lm / 26 W	6692 lm / 48 W	5009 lm / 49 W	3,2 kg
1414 mm	2075 lm / 17,5 W	3606 lm / 31 W	2756 lm / 32 W	4750 lm / 32 W	8277 lm / 59 W	6219 lm / 59 W	3,7 kg
1694 mm	2469 lm / 20 W	4362 lm / 36 W	3290 lm / 37 W	5604 lm / 37 W	9510 lm / 68 W	7262 lm / 68 W	4,2 kg
2254 mm	3329 lm / 27 W	5757 lm / 47 W	4417 lm / 49 W	7632 lm / 49 W	13385 lm / 92 W	10016 lm / 93 W	5,2 kg
2818 mm	4150 lm / 35 W	7211 lm / 62 W	5512 lm / 63 W	9499 lm / 63 W	16554 lm / 118 W	12457 lm / 117 W	7,0 kg
3378 mm	4938 lm / 40 W	8725 lm / 73 W	6581 lm / 74 W	11208 lm / 74 W	19020 lm / 136 W	14524 lm / 135 W	8,1 kg
4498 mm	6657 lm / 55 W	11514 lm / 94 W	8834 lm / 98 W	15263 lm / 98 W	26769 lm / 184 W	20033 lm / 186 W	10,1 kg

P.FORTY PROFILE SYSTEM

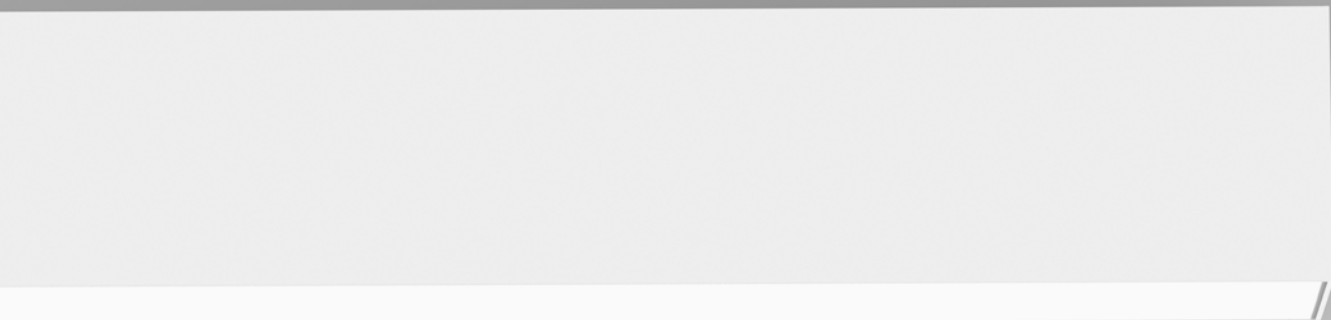
p. 386



p. 473







## 1 SIZE



p. 400

574 mm	<b>057</b>
854 mm	<b>085</b>
1134 mm	<b>113</b>
1414 mm	<b>141</b>
1694 mm	<b>169</b>
2254 mm	<b>225</b>
2818 mm	<b>281</b>
3378 mm	<b>337</b>
4222 mm	<b>422</b>

## 2 COLOUR

	silver	<b>9006</b>
	white	<b>9016</b>
	black	<b>9005</b>
	RAL of your choice (p. 479)	

## 3 DIRECT / INDIRECT

	direct	<b>1</b>
	direct/indirect	<b>2</b>

## 4 LED

	3000 K, CRI > 80	<b>830</b>
	4000 K, CRI > 80	<b>840</b>
	3000 K, CRI > 90	<b>930</b>
	4000 K, CRI > 90	<b>940</b>
	2700-6500 K, dynamic white, CRI > 90	<b>HCL</b>

## 5 OUTPUT / CONTROL

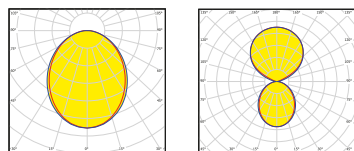
	low output non-dim	<b>L1</b>
	low output DALI	<b>L3</b>
	high output DALI	<b>H3</b>
	dynamic white	<b>X3</b>

P33W **1-2E345S**

P33W057 - 9016E1840H3S 574 mm, white, 4000 K, high output DALI, satiné

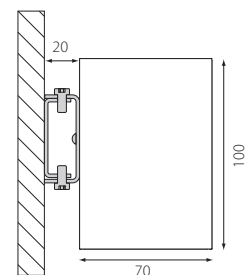
**CONFIGURE ONLINE**

katalog.planlicht.com



satiné direct

satiné direct/indirect



LUMINOUS FLUX (LM) / SYSTEM POWER (W)

4000K satiné	direct			direct / indirect			kg
	low output CRI > 80	high output CRI > 80	dynamic white CRI > 90	low output CRI > 80	high output CRI > 80	dynamic white CRI > 90	
574 mm	812 lm / 8,9 W	1365 lm / 14,5 W	1036 lm / 16 W	1992 lm / 15,5 W	3432 lm / 27 W	2666 lm / 28 W	2,7 kg
854 mm	1192 lm / 12,5 W	2045 lm / 21 W	1538 lm / 23 W	2988 lm / 22 W	5148 lm / 40 W	3999 lm / 40 W	3,5 kg
1134 mm	1597 lm / 16 W	2767 lm / 27 W	2139 lm / 28 W	3973 lm / 29 W	6924 lm / 53 W	5226 lm / 54 W	4,9 kg
1414 mm	1962 lm / 19 W	3434 lm / 33 W	2631 lm / 34 W	4975 lm / 36 W	8522 lm / 64 W	6600 lm / 66 W	5,8 kg
1694 mm	2404 lm / 22 W	4225 lm / 40 W	3208 lm / 40 W	5970 lm / 42 W	10226 lm / 76 W	7920 lm / 78 W	6,6 kg
2254 mm	3127 lm / 29 W	5692 lm / 53 W	4364 lm / 54 W	7950 lm / 55 W	13848 lm / 107 W	10451 lm / 108 W	8,2 kg
2818 mm	3923 lm / 38 W	6868 lm / 67 W	5261 lm / 68 W	9950 lm / 72 W	17044 lm / 127 W	13200 lm / 131 W	11,0 kg
3378 mm	4807 lm / 45 W	8450 lm / 80 W	6416 lm / 80 W	11940 lm / 84 W	20452 lm / 152 W	15841 lm / 155 W	12,8 kg
4222 mm	5885 lm / 57 W	10303 lm / 99 W	7892 lm / 102 W	14925 lm / 107 W	25566 lm / 191 W	19800 lm / 197 W	15,9 kg

PURE 3 PROFILE SYSTEM

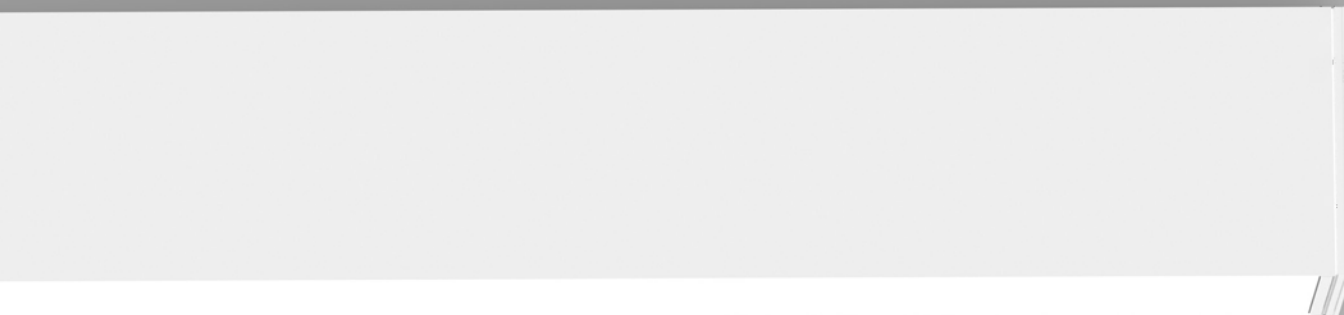
p. 400



p. 473

# pure 2 IP54 direct





Wandleuchte  
Wall luminaire  
Applique murale  
Apparecchio a parete








## 1 SIZE

600 mm	<b>060</b>
880 mm	<b>088</b>
1160 mm	<b>116</b>
1440 mm	<b>144</b>
1720 mm	<b>172</b>





## 2 COLOUR

	silver
	white
	black
	RAL of your choice (p. 479)

## 3 LED

	3000 K, CRI > 80	<b>830</b>
	4000 K, CRI > 80	<b>840</b>
	3000 K, CRI > 90	<b>930</b>
	4000 K, CRI > 90	<b>940</b>
	2700 - 6500 K, dynamic white, CRI > 90	<b>HCL</b>

## 4 OUTPUT/CONTROL

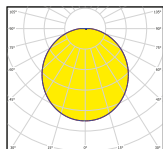
	low output non-dim	<b>L1</b>
	low output DALI	<b>L3</b>
	high output DALI	<b>H3</b>
	dynamic white	<b>X3</b>

P58W **1-2-Q1-3-4-S**

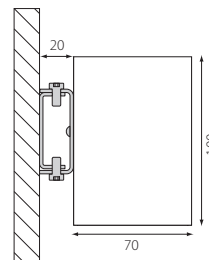
P58W060-9016Q1840H3S 600 mm, white, 4000 K, high output DALI, satiné

**CONFIGURE ONLINE**


katalog.planlicht.com



satiné direct



**LUMINOUS FLUX (LM) / SYSTEM POWER (W)**

4000K satiné	low output CRI > 80	high output CRI > 80	dynamic white CRI > 90	
600 mm	800 lm / 11 W	1464 lm / 18 W	1002 lm / 20 W	2,6 kg
880 mm	1296 lm / 16 W	2212 lm / 26 W	1476 lm / 29 W	3,5 kg
1160 mm	1584 lm / 20 W	2958 lm / 34 W	2058 lm / 36 W	4,4 kg
1440 mm	1964 lm / 24 W	3644 lm / 42 W	2520 lm / 43 W	5,8 kg
1720 mm	2626 lm / 28 W	4517 lm / 51 W	3081 lm / 51 W	6,7 kg



# NEW ophelia direct

Wandleuchte  
Wall luminaire  
Applique murale  
Apparecchio a parete







## 1 SIZE

- ⊙ ø 330 mm
- ⊙ ø 420 mm
- ⊙ ø 620 mm

**033**  
**042**  
**062**

## 2 COLOUR

-  silver
-  white
-  black
-  RAL of your choice (p. 479)






**9006**  
**9016**  
**9005**

## 3 INGRESS PROTECTION

-  IP50
-  IP54


**F**  
**Q**

## 4 LED

-  3000 K, Ra > 80
-  3000 K, Ra > 80
-  4000 K, Ra > 90
-  4000 K, Ra > 90
-  2700 - 6500 K dynamic white, Ra > 90

**830**  
**840**  
**930**  
**940**  
**HCL**

## 5 OUTPUT/CONTROL

-  low output non-dim
-  low output DALI
-  high output DALI
-  very high output DALI
-  dynamic white

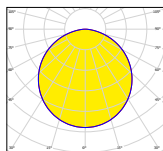
**L1**  
**L3**  
**H3**  
**V3**  
**X3**

F53W 1-2-3 1 4 5 S

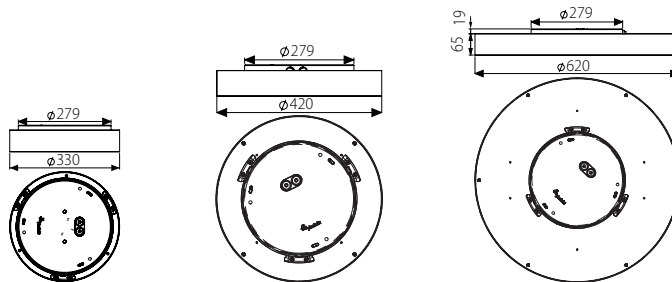
F53W042-9016F1930V3S ø 420 mm, white, IP50, Ra > 90, 4000 K, very high output DALI, satiné (order sample)

CONFIGURE ONLINE


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satiné



**LUMINOUS FLUX (LM) / SYSTEM POWER (W)**

	low output CRI > 80	high output CRI > 80	very high output CRI > 80	dynamic white CRI > 90	
ø 330 mm	962lm / 7,4W	2180lm / 15W	2661 lm / 18,5W	1690lm / 15W	2,0kg
ø 420 mm	1651 lm / 11,5W	3218 / 22W	3993 lm / 28W	2494 lm / 22W	2,6 kg
ø 620 mm	3513 lm / 22W	6346 lm / 40W	7938 lm / 51 W	4695 lm / 39W	4,5 kg

**COMPARE COVER Ø 420 MM, 4000 K, CRI > 80**

satiné	1651 lm	3218lm	3993 lm
microprism	1492 lm	2930lm	3622 lm

Diese Daten gelten nur für eine Leuchte der Gehäusefarbe in RAL 9016, bei anderen Farben können die Daten abweichen.  
 This data is valid only for luminaires in the colour "RAL 9016"; data may differ with other colours.  
 Ces données sont valables pour un luminaire avec un boîtier en RAL 9016, il arrive que ces données varient si le RAL change.  
 I dati sono validi per un apparecchio con profilo in RAL 9016, e possono variare con RAL differenti.

p. 473



# NEW ophelia direct-indirect

Wandleuchte  
Wall luminaire  
Applique murale  
Apparecchio a parete







## 1 SIZE






- M ø420mm
- L ø620mm

**042**  
**062**






## 2 COLOUR

-  silver
-  white
-  black
-  RAL of your choice (p. 479)

## 3 LED

- |   |   |                                       |            |
|---|---|---------------------------------------|------------|
| <b>9006</b>   |  | 3000 K, CRI > 80                      | <b>830</b> |
| <b>9016</b>   |  | 4000 K, CRI > 80                      | <b>840</b> |
| <b>9005</b>   |  | 3000 K, CRI > 90                      | <b>930</b> |
|  |   | 4000 K, CRI > 90                      | <b>940</b> |
|   |  | 2700 - 6500 K dynamic white, CRI > 90 | <b>HCL</b> |

## 4 OUTPUT/CONTROL

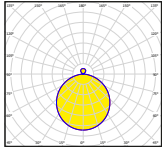
- |   |                       |           |
|---|-----------------------|-----------|
|  | low output non-dim    | <b>L1</b> |
|  | low output DALI       | <b>L3</b> |
|  | high output DALI      | <b>H3</b> |
|  | very high output DALI | <b>V3</b> |
|  | dynamic white         | <b>X3</b> |

F53W 1-2 F2 3 4 5 S

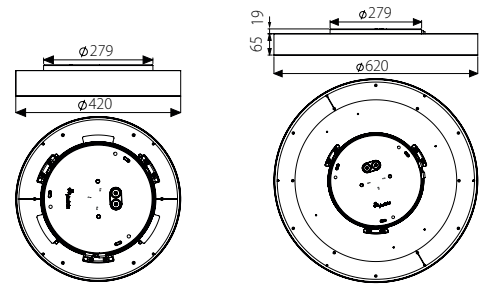
F53W042-9016F2940V3S ø420mm, white, IP50, Ra > 90, 4000K, very high output DALI, satiné (order sample)

CONFIGURE ONLINE


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satiné direct/indirect



**LUMINOUS FLUX (LM) / SYSTEM POWER (W)**

	low output CRI > 80	high output CRI > 80	very high output CRI > 80	dynamic white CRI > 90	 kg
ø 420 mm	1788 lm / 11,5W	3484 lm / 22W	4273 lm / 28W	2700 lm / 22W	2,7 kg
ø 620 mm	3715 lm / 22W	6641 lm / 40W	8374 lm / 51W	4913 lm / 39W	4,9 kg

**COMPARE COVER Ø 420 MM**

satiné 4000K	1788 lm	3484 lm	4273 lm
microprism 4000K	1633 lm	3220 lm	3975 lm

Diese Daten gelten nur für eine Leuchte der Gehäusefarbe in RAL 9016, bei anderen Farben können die Daten abweichen.  
 This data is valid only for luminaires in the colour "RAL 9016"; data may differ with other colours.  
 Ces données sont valables pour un luminaire avec un boîtier en RAL 9016, il arrive que ces données varient si le RAL change.  
 I dati sono validi per un apparecchio con profilo in RAL 9016, e possono variare con RAL differenti.

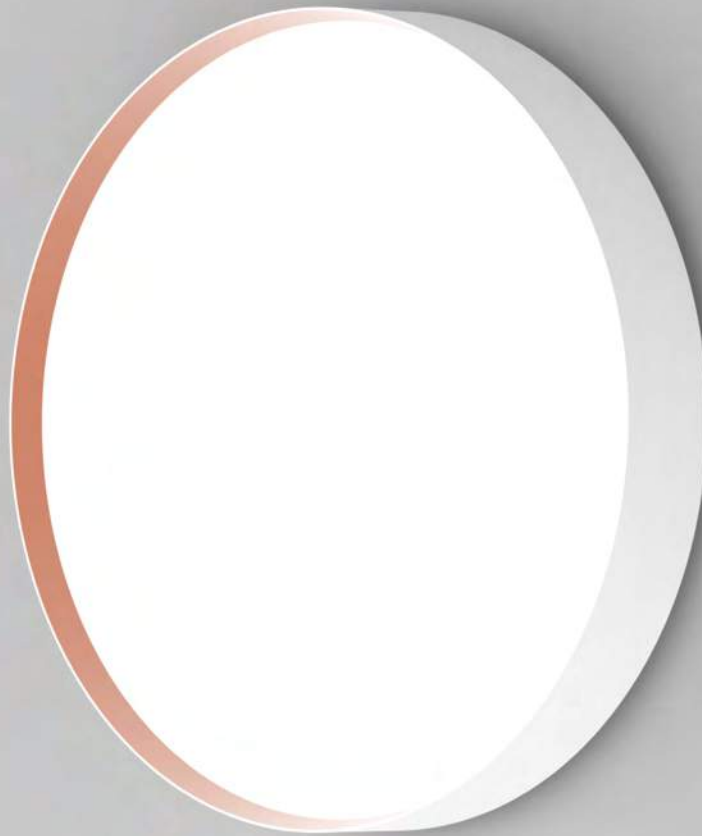
p. 473





# NEW odelia direct

Wandleuchte  
Wall luminaire  
Appliche murale  
Apparecchio a parete



## 1 SIZE

- ø330 mm
- ø420 mm
- ø620 mm

- 033**
- 042**
- 062**

## 2 COLOUR

- |  |  |                             |
|--|--|-----------------------------|
|  |  | silver - silver             |
|  |  | black - silver              |
|  |  | capital copper - black      |
|  |  | glaring gold - black        |
|  |  | black - black               |
|  |  | capital copper - white      |
|  |  | glaring gold - white        |
|  |  | black - white               |
|  |  | white - white               |
|  |  | RAL of your choice (p. 479) |

Gehäuse | housing | logement | alloggi  
Zierring | decorative ring | anneau décoratif | anello decorativo

## 3 LED

- |  |                                       |            |
|--|---------------------------------------|------------|
|  | 3000 K, CRI > 80                      | <b>830</b> |
|  | 4000 K, CRI > 80                      | <b>840</b> |
|  | 3000 K, CRI > 90                      | <b>930</b> |
|  | 4000 K, CRI > 90                      | <b>940</b> |
|  | 2700 - 6500 K dynamic white, CRI > 90 | <b>HCL</b> |

## 4 OUTPUT/CONTROL

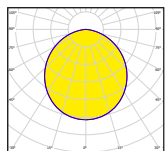
- |  |                       |           |
|--|-----------------------|-----------|
|  | low output non-dim    | <b>L1</b> |
|  | low output DALI       | <b>L3</b> |
|  | high output DALI      | <b>H3</b> |
|  | very high output DALI | <b>V3</b> |
|  | dynamic white         | <b>X3</b> |

F54W 1-2 F1 3 4 S

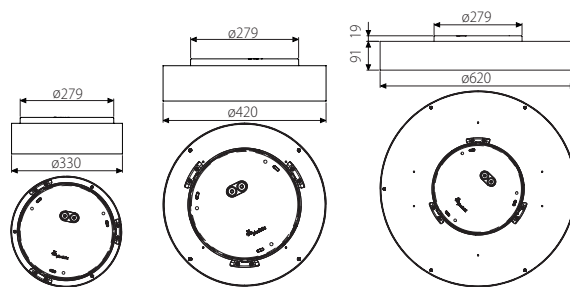
F54W042 - SISIF1830V3S ø420 mm, silver, 3000 K, CRI > 80, very high output DALI, satiné (order sample)

CONFIGURE ONLINE


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satiné



**LUMINOUS FLUX (LM) / SYSTEM POWER (W)**

4000K satiné	low output CRI > 80	high output CRI > 80	very high output CRI > 80	dynamic white CRI > 90	
ø 330 mm	885 lm / 7,4W	2036 lm / 15W	2524 lm / 18,5W	1578 lm / 15W	2,3 kg
ø 420 mm	1550 lm / 11,5W	3067 lm / 22W	3865 lm / 28W	2377 lm / 22W	3,0 kg
ø 620 mm	3385 lm / 22W	6207 lm / 40W	7884 lm / 51 W	4592 lm / 40W	5,1 kg

Diese Daten gelten nur für eine Leuchte der Gehäusefarbe in RAL 9016, bei anderen Farben können die Daten abweichen.  
 This data is valid only for luminaires in the colour "RAL 9016"; data may differ with other colours.  
 Ces données sont valables pour un luminaire avec un boîtier en RAL 9016, il arrive que ces données varient si le RAL change.  
 I dati sono validi per un apparecchio con profilo in RAL 9016, e possono variare con RAL differenti.



p. 473

# NEW odelia direct - indirect

Wandleuchte  
Wall luminaire  
Applique murale  
Apparecchio a parete



## 1 SIZE

- M ø420 mm
- L ø620 mm

042

062

## 2 COLOUR

		silver - silver
		black - silver
		capital copper - black
		glaring gold - black
		black - black
		capital copper - white
		glaring gold - white
		black - white
		white - white
		RAL of your choice (p. 479)

Gehäuse | housing | logement | alloggi  
Zierring | decorative ring | anneau décoratif | anello decorativo

## 3 LED

	3000 K, CRI > 80	830
	4000 K, CRI > 80	840
	3000 K, CRI > 90	930
	4000 K, CRI > 90	940
	2700 - 6500 K dynamic white, CRI > 90	HCL

SISI

SWSI

CCSW

GGSW

SWSW

CCWS

GGWS

SWWS

WSWS



## 4 OUTPUT/CONTROL

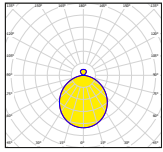
	low output non-dim	L1
	low output DALI	L3
	high output DALI	H3
	very high output DALI	V3
	dynamic white	X3

F54W 1-2 F2 3 4 S

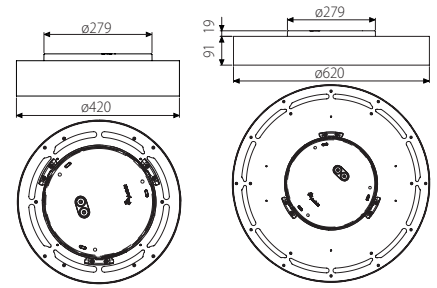
F54W042 - SISIF2830V3S ø420 mm, silver, 3000 K, CRI > 80, very high output DALI, satiné (order sample)

CONFIGURE ONLINE


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satiné



LUMINOUS FLUX (LM) / SYSTEM POWER (W)

4000K satiné	low output CRI > 80	high output CRI > 80	very high output CRI > 80	dynamic white CRI > 90	
ø 420 mm	1687 lm / 11,5 W	3333 lm / 22 W	4145 lm / 28 W	2583 lm / 22 W	3,1 kg
ø 620 mm	3587 lm / 22 W	6502 lm / 40 W	8320 lm / 51 W	4810 lm / 40 W	5,5 kg

Diese Daten gelten nur für eine Leuchte der Gehäusefarbe in RAL 9016, bei anderen Farben können die Daten abweichen.  
 This data is valid only for luminaires in the colour "RAL 9016"; data may differ with other colours.  
 Ces données sont valables pour un luminaire avec un boîtier en RAL 9016, il arrive que ces données varient si le RAL change.  
 I dati sono validi per un apparecchio con profilo in RAL 9016, e possono variare con RAL differenti.



p. 473







**1 SIZE**

- ⊙ ø 330 mm (direct only)
- ø 420 mm
- Ⓜ ø 620 mm



- 033**
- 042**
- 062**

**2 COLOUR**

-  silver
-  white
-  black
-  RAL of your choice (p. 479)



- 9006**
- 9016**
- 9005**

**3 INGRESS PROTECTION**

-  IP20
-  IP54 (direct only)






- C**
- Q**

**4 DIRECT / INDIRECT**

-  direct
-  direct / indirect





- 1**
- 2**

**5 LED**

-  3000 K, CRI > 80
-  4000 K, CRI > 80
-  3000 K, CRI > 90
-  4000 K, CRI > 90
-  2700 - 6500 K, dynamic white, CRI > 90

- 830**
- 840**
- 930**
- 940**
- HCL**

**6 OUTPUT / CONTROL**

-  low output non-dim
-  low output DALI
-  high output DALI
-  dynamic white

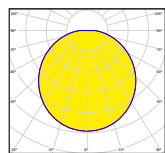
- L1**
- L3**
- H3**
- X3**

F52W**1-23456S**

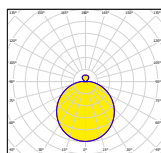
F52W042-9016Q1840H3S ø420 mm, white, IP54, 4000K, high output DALI (order sample)

**CONFIGURE ONLINE**

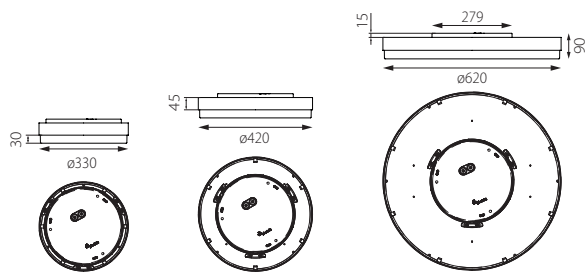
katalog.planlicht.com



direct



direct/indirect



**LUMINOUS FLUX (LM) / SYSTEM POWER (W)**

4000 K satiné	direct			direct/indirect			kg
	low output CRI > 80	high output CRI > 80	dynamic white CRI > 90	low output CRI > 80	high output CRI > 80	dynamic white CRI > 90	
ø 330 mm	1269 lm / 10,5 W	2026 lm / 15 W	1570 lm / 15 W				2,2 kg
ø 420 mm	1787 lm / 12,5 W	3225 lm / 22 W	2025 lm / 18 W	1924 lm / 12,5 W	3491 lm / 22 W	2231 lm / 18 W	3,1 kg
ø 620 mm	3400 lm / 22,0 W	6142 lm / 40 W	4544 lm / 39 W	3602 lm / 22,0 W	6437 lm / 40 W	4762 lm / 39 W	6,1 kg






# NEW olmo direct

Wandleuchte  
Wall luminaire  
Applique murale  
Apparecchio a parete







## 1 SIZE

-  330 x 330 mm
-  456 x 456 mm
-  594 x 594 mm






- 03Q**
- 04Q**
- 05Q**

## 2 COLOUR





-  silver
-  white
-  black
-  RAL of your choice (p. 479)

- 9006**
- 9016**
- 9005**
- 

## 3 LED

-  3000 K, CRI > 80 **830**
-  4000 K, CRI > 80 **840**
-  3000 K, CRI > 90 **930**
-  4000 K, CRI > 90 **940**
-  2700 - 6500 K dynamic white, CRI > 90 **HCL**

## 4 OUTPUT / CONTROL

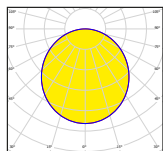
-  low output non-dim **L1**
-  low output DALI **L3**
-  high output DALI **H3**
-  dynamic white **X3**

F61W1-2F134S

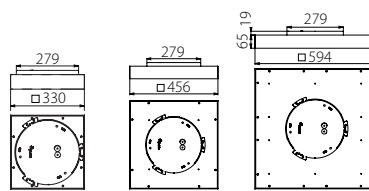
F61W04Q-9016F1830H3S 456x456 mm, white, 3000K, high output DALI, satiné (order sample)

**CONFIGURE ONLINE**


[katalog.planlicht.com](http://katalog.planlicht.com)



satiné



**LUMINOUS FLUX (LM) / SYSTEM POWER (W)**

4000K satiné	low output CRI > 80	high output CRI > 80	dynamic white CRI > 90	
330 × 330 mm	1469 lm / 10,5 W	2653 lm / 18,5 W	2057 lm / 18,5 W	2,4 kg
456 × 456 mm	2882 lm / 20,5 W	4603 lm / 33,5 W	3568 lm / 33,0 W	3,6 kg
594 × 594 mm	4866 lm / 31,0 W	9137 lm / 59,0 W	6269 lm / 54,0 W	5,4 kg

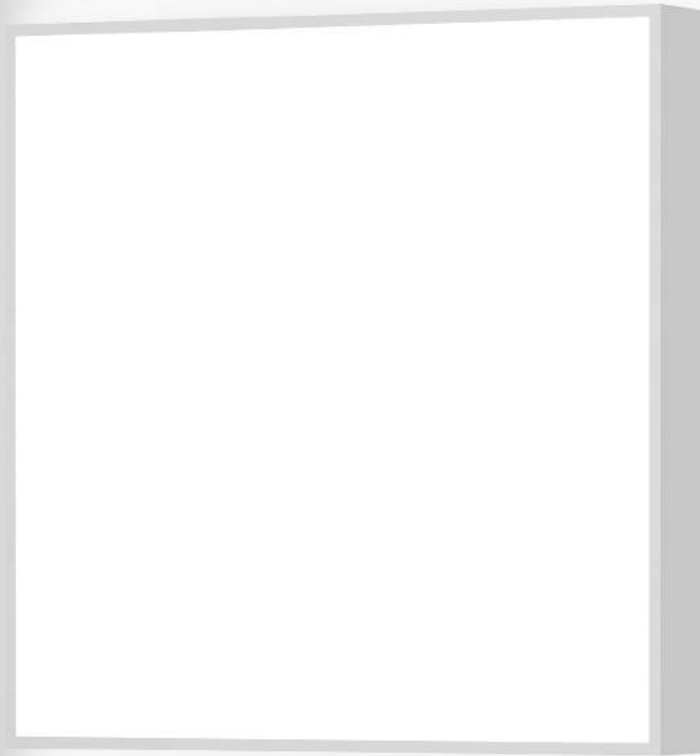
Diese Daten gelten nur für eine Leuchte der Gehäusefarbe in RAL 9016, bei anderen Farben können die Daten abweichen.  
 This data is valid only for luminaires in the colour "RAL 9016"; data may differ with other colours.  
 Ces données sont valables pour un luminaire avec un boîtier en RAL 9016, il arrive que ces données varient si le RAL change.  
 I dati sono validi per un apparecchio con profilo in RAL 9016, e possono variare con RAL differenti.





# NEW olmo direct/indirect

Wandleuchte  
Wall luminaire  
Applique murale  
Apparecchio a parete



## 1 SIZE

<b>S</b>	456 x 456 mm
<b>M</b>	594 x 594 mm

**04Q**  
**05Q**

## 2 COLOUR

	silver
	white
	black
	any other RAL colour on request

## 3 LED

<b>9006</b>		3000 K, CRI > 80	<b>830</b>
<b>9016</b>		4000 K, CRI > 80	<b>840</b>
<b>9005</b>		3000 K, CRI > 90	<b>930</b>
		4000 K, CRI > 90	<b>940</b>
		2700 - 6500 K dynamic white, CRI > 90	<b>HCL</b>

## 4 OUTPUT

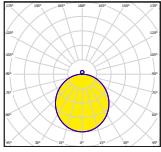
	low output non-dim	<b>L1</b>
	low output DALI	<b>L3</b>
	high output DALI	<b>H3</b>
	dynamic white	<b>X3</b>

F61W**1**-**2**F2**3****4**S

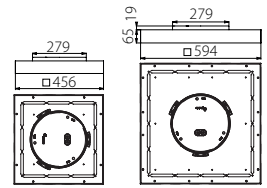
F61W04Q - 9016F2830H3S 456x456 mm, white, 3000 K, high output DALI, satiné (order sample)

**CONFIGURE ONLINE**


katalog.planlicht.com



satiné



**LUMINOUS FLUX (LM) / SYSTEM POWER (W)**

4000K satiné	low output CRI > 80	high output CRI > 80	dynamic white CRI > 90	 kg
456 x 456 mm	3041 lm / 21 W	4855 lm / 33 W	3763 lm / 33 W	
594 x 594 mm	5044 lm / 31 W	9472 lm / 59 W	6529 lm / 54 W	5,4 kg

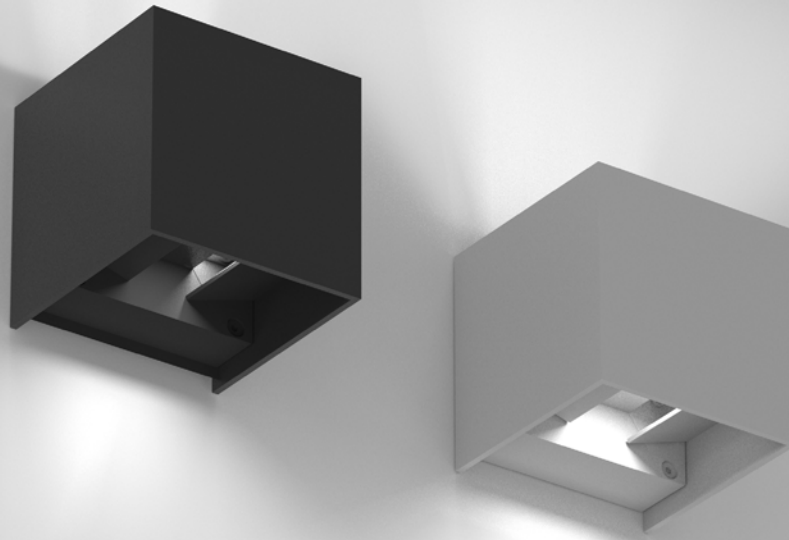
Diese Daten gelten nur für eine Leuchte der Gehäusefarbe in RAL 9016, bei anderen Farben können die Daten abweichen.  
 This data is valid only for luminaires in the colour "RAL 9016"; data may differ with other colours.  
 Ces données sont valables pour un luminaire avec un boîtier en RAL 9016, il arrive que ces données varient si le RAL change.  
 I dati sono validi per un apparecchio con profilo in RAL 9016, e possono variare con RAL differenti.



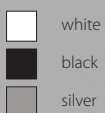
p. 473

# spacecube

Wandleuchte  
Wall luminaire  
Applique murale  
Apparecchio a parete



## 1 COLOUR



white  
black  
silver

## 2 LED



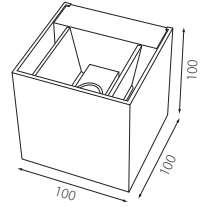
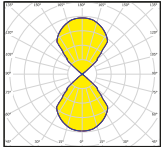
3000 K  
3000 K  
3000 K

## 3 ORDER NUMBER

740112WS-V4  
740112SW-V4  
740112SI-V4

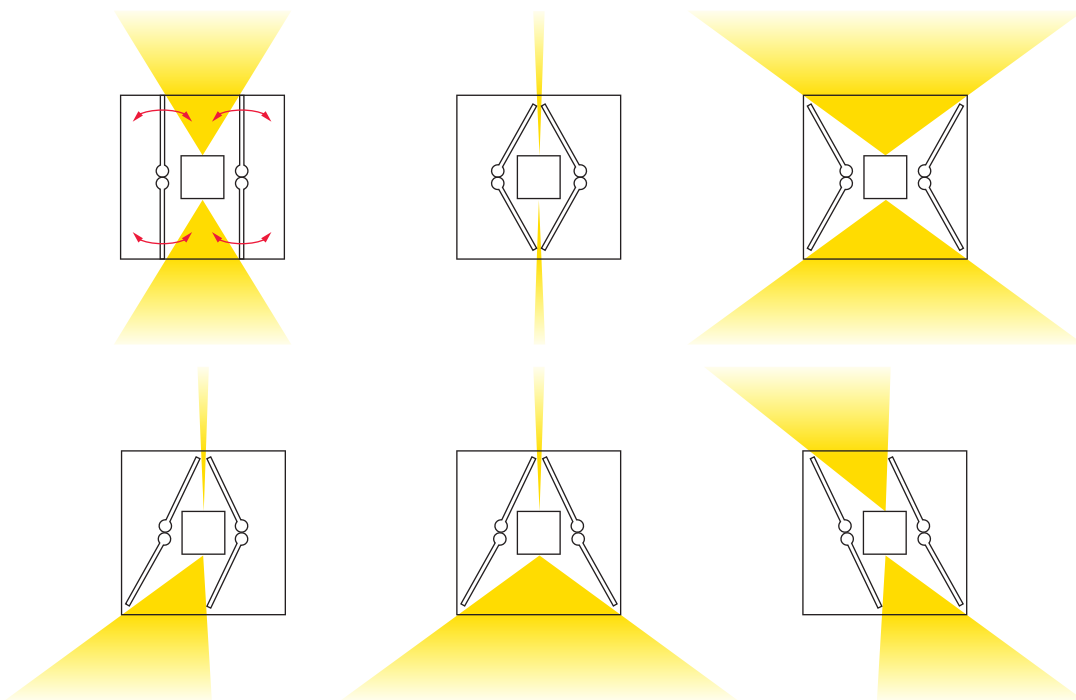
**CONFIGURE ONLINE**

[katalog.planlicht.com](http://katalog.planlicht.com)



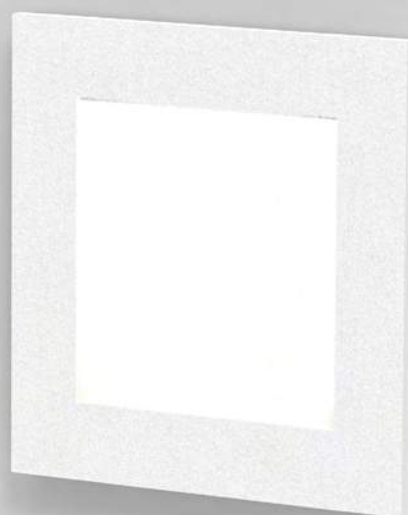
**LUMINOUS FLUX (LM) / SYSTEM POWER (W)**

	white	black	silver	
3000K CRI > 90	544 lm	454 lm	509 lm	7,9W



# wall 90 / wall 90 grid

Wandleuchte  
Wall luminaire  
Applique murale  
Apparecchio a parete



## 1 TYPE



wall 90



wall 90 grid

## 2 COLOUR



white



pearl chrome



white



pearl chrome

## 3 LED



3000K



3000K



3000K



3000K

## 4 ORDER NUMBER

740027WS-WW

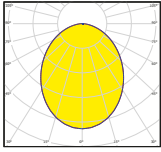
740027PC-WW

740029WS-WW

740029PC-WW

● CONFIGURE ONLINE

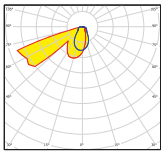
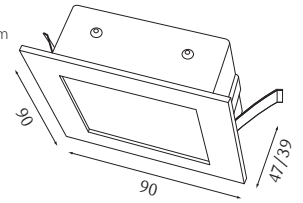
[katalog.planlicht.com](http://katalog.planlicht.com)



**LUMINOUS FLUX (LM) / SYSTEM POWER (W)**

3000 K / CRI > 80	40lm	2,5W
-------------------	------	------

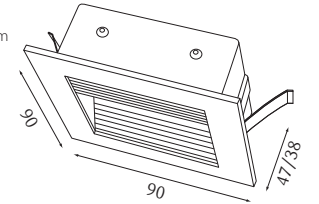
Cut out  
□ 77x77, ↑ 50 mm



**LUMINOUS FLUX (LM) / SYSTEM POWER (W)**

3000 K / CRI > 80	56lm	2,5W
-------------------	------	------

Cut out  
□ 77x77, ↑ 50 mm

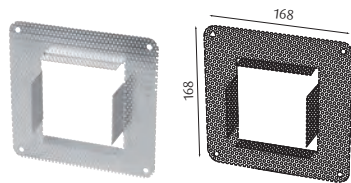
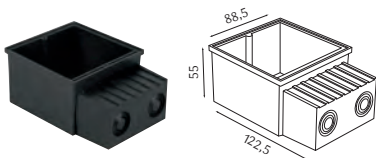


**ACCESSORIES**

Wall recessed box	740030
Plaster frame	740031

740030 - recommended for recessing

740031 - optional for plaster > 15 mm



# RECESSED

---



Einbauleuchte  
*Recessed luminaire*  
*Luminaire encastré*  
*Apparecchio da incasso*

2.4



### P.FORTY

light technology meets eye comfort  
p. 332



### PURE 3

most flexible profile system  
p. 334



### PURE 3 TRIFLECT **NEW**

profile with integrated downlight  
p. 340



### PURE 2 IP54

splash proof profile  
p. 342



### SINUS

rings, curves and acoustic luminaires  
p. 344



### QUADRO

design meets performance  
p. 348



### LILI

round recessed surface luminaire  
p. 350



### LIHA

square recessed surface luminaire  
p. 354



### ANTO+

downlight as a piece of jewelry  
p. 358



### TAURUS

extractable downlight  
p. 372



### DIVA

glamorous recessed spotlight  
p. 362



### METIS

recessed, set-back downlight  
p. 374



### COSMO

subtle recessed downlight  
p. 364



### LEDA

daily business downlight  
p. 376



### METEOR EB

powerful and economic  
p. 366



### OSLO / TOULON

everybody's darling, low installation depth  
p. 378



### METEOR FLIP

extendable, swivelling and rotatable  
p. 368



### SPOT 85 RZ / 90 EZ

eye-comfort downlight  
p. 380



### MIZAR

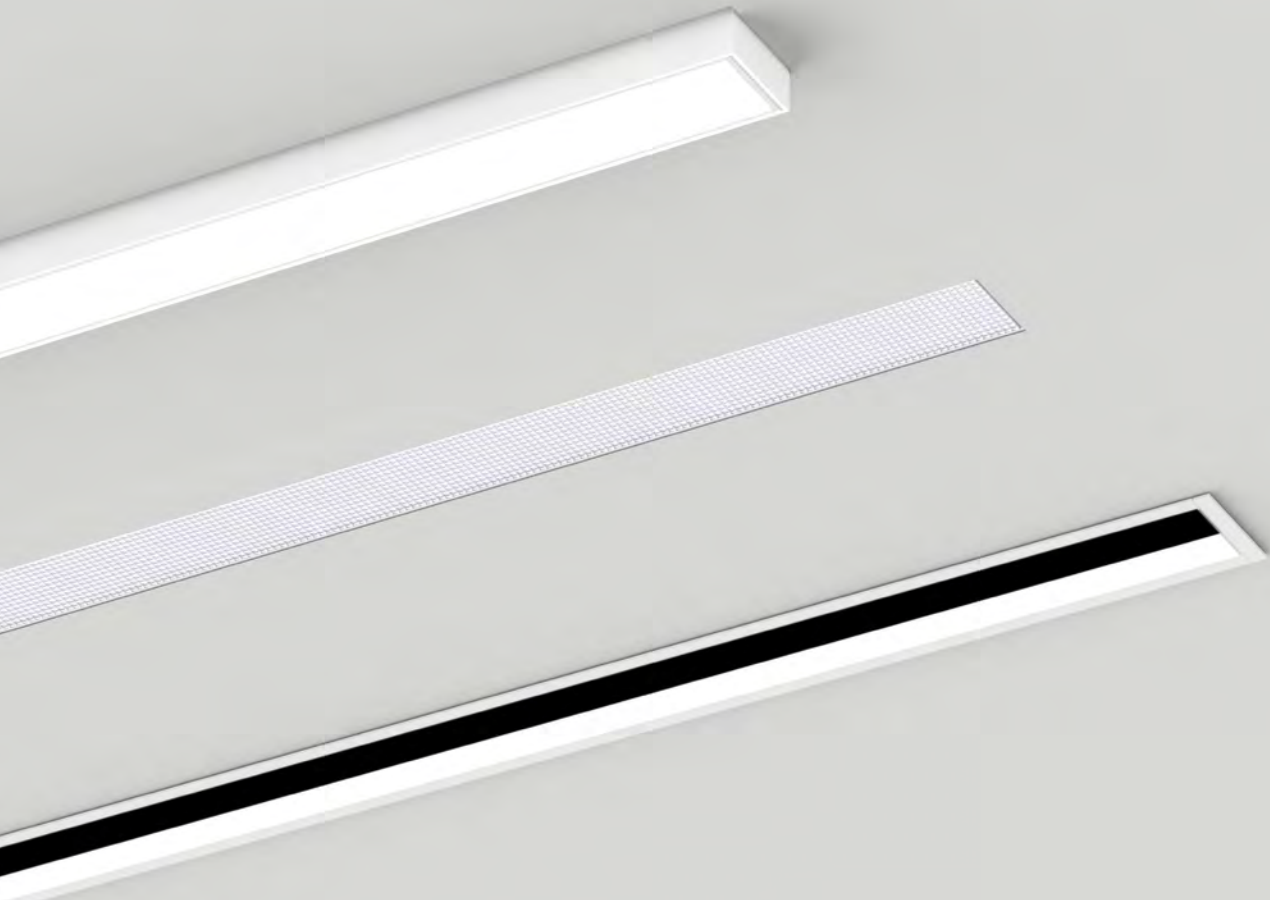
fixed IP44 downlight  
p. 370



### SPOT 82

ø 68 mm cut-out spotlight  
p. 382





**1 MOUNTING**

frame	<b>E</b>
frameless (only ALUB)	<b>F</b>
surface-mounted recessed	<b>A</b>

**2 SIZE**

	<b>E</b>	<b>F</b>	<b>A</b>
586 mm	<b>058</b>	571 mm	<b>057</b>
866 mm	<b>086</b>	851 mm	<b>085</b>
1146 mm	<b>114</b>	1131 mm	<b>113</b>
1426 mm	<b>142</b>	1411 mm	<b>141</b>
1706 mm	<b>170</b>	1691 mm	<b>169</b>
2266 mm	<b>226</b>	2251 mm	<b>225</b>
2830 mm	<b>283</b>	2815 mm	<b>281</b>
3390 mm	<b>339</b>	3375 mm	<b>337</b>
4510 mm	<b>451</b>	4495 mm	<b>449</b>



**3 COLOUR**

	silver	<b>9006</b>
	aluminium blank	<b>ALUB</b>
	white	<b>9016</b>
	black	<b>9005</b>
	RAL of your choice (p. 479)	

**4 LED**

	3000K, CRI > 80	<b>830</b>
	4000K, CRI > 80	<b>840</b>
	3000K, CRI > 90	<b>930</b>
	4000K, CRI > 90	<b>940</b>
	2700 - 6500K dynamic white, CRI > 90	<b>HCL</b>

**5 OUTPUT/CONTROL**

	low output non-dim	<b>L1</b>
	low output DALI	<b>L3</b>
	high output DALI	<b>H3</b>
	dynamic white	<b>X3</b>

**6 OPTIC**

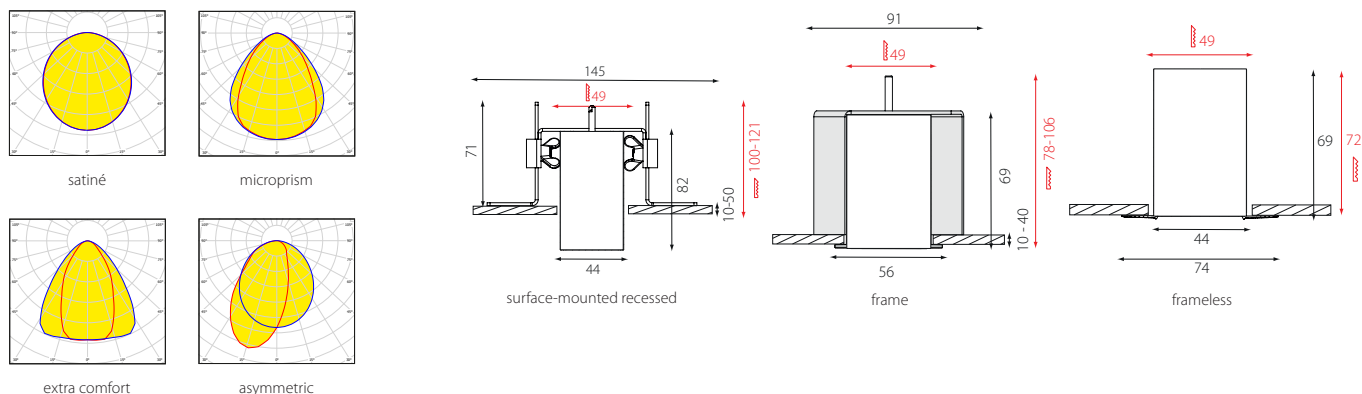
	satiné	<b>S</b>
	microprism	<b>M</b>
	asymmetric	<b>A</b>
	extra comfort UGR < 19 (low output only)	<b>E</b>

P40E**1-2C1345**

P40E141 - 9016C1840H3S 1414 mm, white, direct, 4000K, high output DALI, satiné (order sample)

**CONFIGURE ONLINE**

katalog.planlicht.com



**LUMINOUS FLUX (LM)/SYSTEM POWER (W)**



4000K satiné	low output CRI > 80	high output CRI > 80	dynamic white CRI > 90	A	E	F
571 / 586 mm	814 lm / 8,4W	1360 lm / 13W	1071 lm / 14,5W	1,2 kg	1,3 kg	1 kg
851 / 866 mm	1230 lm / 11,5W	2080 lm / 19W	1623 lm / 21W	1,6 kg	1,7 kg	1,4 kg
1131 / 1146 mm	1664 lm / 14,5W	2879 lm / 25W	2208 lm / 26W	2,1 kg	2,1 kg	1,8 kg
1411 / 1426 mm	2075 lm / 17,5W	3606 lm / 31W	2756 lm / 32W	2,6 kg	2,6 kg	2,3 kg
1691 / 1706 mm	2469 lm / 20W	4362 lm / 36W	3290 lm / 37W	3,1 kg	2,9 kg	2,7 kg
2251 / 2266 mm	3329 lm / 27W	5757 lm / 47W	4417 lm / 49W	3,9 kg	3,7 kg	3,5 kg
2815 / 2830 mm	4150 lm / 35W	7211 lm / 62W	5512 lm / 63W	5,1 kg	5,1 kg	4,8 kg
3375 / 3390 mm	4938 lm / 40W	8725 lm / 73W	6581 lm / 74W	6,0 kg	5,8 kg	5,5 kg
4495 / 4510 mm	6657 lm / 55W	11514 lm / 94W	8834 lm / 98W	7,7 kg	7,3 kg	7,0 kg

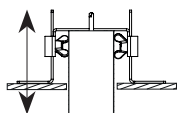
**COMPARE COVER 1411 MM, 4000K, CRI > 80**

microprism*	2153 lm	3747 lm
extra comfort	2413 lm	
asymmetric	1849 lm	3214 lm

\*Der angegebene Lichtstrom bezieht sich auf die Leuchte mit klarer mikroprismatischer Abdeckung. Die Leuchte wird mit satinierter Folie zur Erhöhung der Homogenität geliefert (-23% Lichtstrom).  
 The indicated luminous flux corresponds to the luminaire with a clear microprismatic diffuser. The luminaire is delivered with a satinized-foil for increased homogeneity (-23% luminous flux).  
 Le flux lumineux indiqué correspond au luminaire avec diffuseur microprismatique transparent. Le luminaire est livré avec un film satiné pour optimiser l'homogénéité (-23% sur le flux lumineux).  
 Il flusso luminoso indicato corrisponde all'apparecchio con diffusore microprismatico trasparente. La lampada è fornita con una pellicola satinata per ottimizzare l'omogeneità (-23% del flusso luminoso).

**MANDATORY ACCESSORY FOR SURFACE-MOUNTED RECESSED**

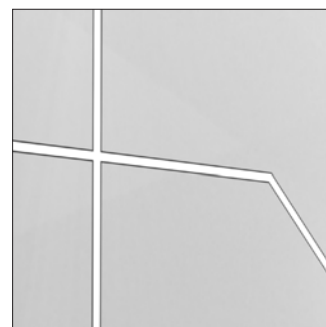
**P40-MOB-F-1** Recessed-mount-bracket



**CUT OUT**

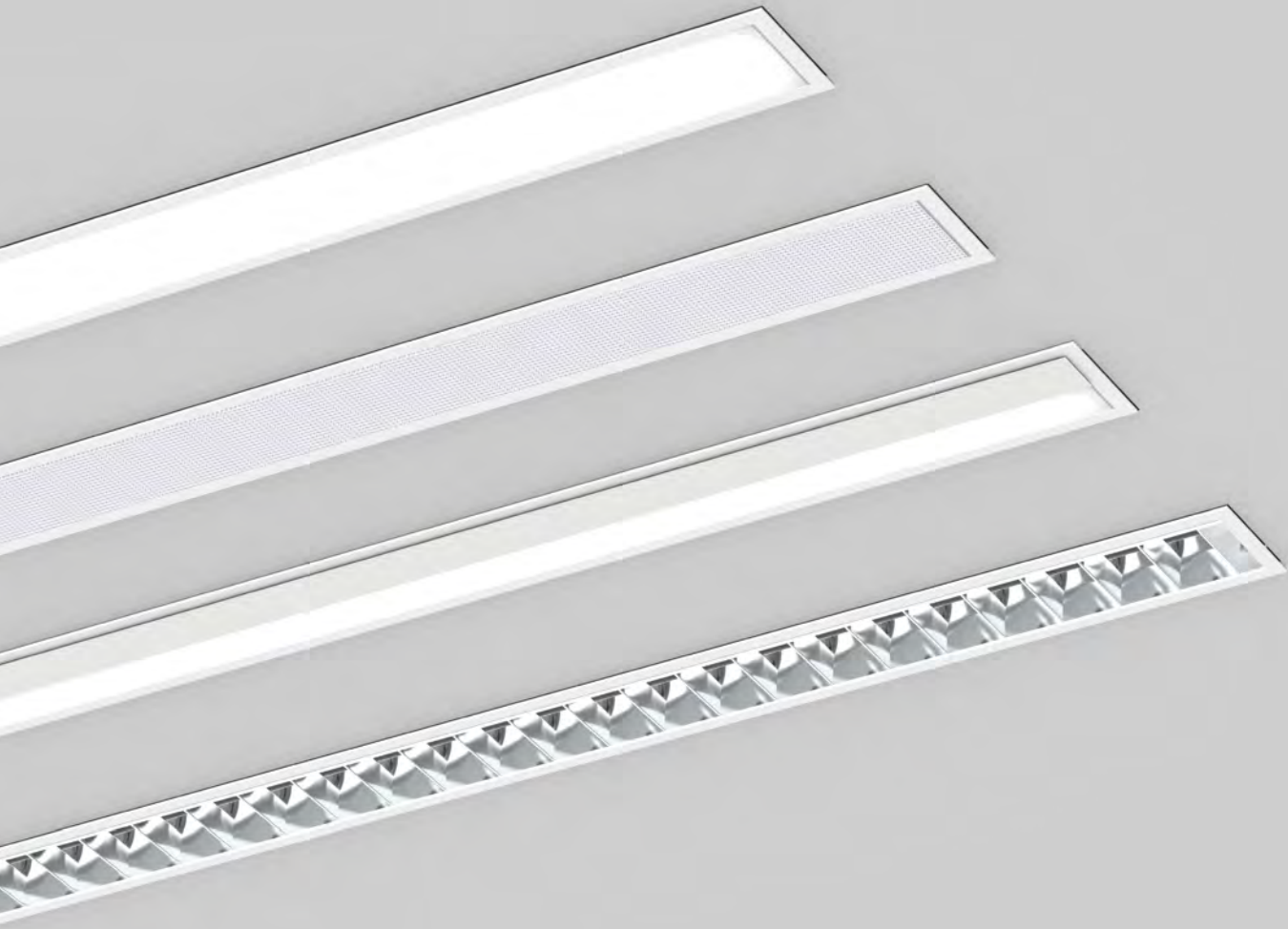
SIZE	WIDTH	↑ DEPTH
frame: all lengths - 5 mm	49 mm	78-106 mm
frameless: all lengths + 5 mm	49 mm	72 mm
surface-mounted recessed: all lengths + 5 mm	49 mm	100-121 mm

**ALSO AVAILABLE AS A SYSTEM** p. 392



# pure 3 frame

Einbauleuchte  
Recessed luminaire  
Luminaire encastré  
Apparecchio da incasso



## 1 SIZE



p. 400

satiné/micro		asymmetric		BAP	
590 mm	<b>059</b>	589 mm	<b>058</b>	1150 mm	<b>115</b>
870 mm	<b>087</b>	869 mm	<b>086</b>	1430 mm	<b>143</b>
1150 mm	<b>115</b>	1149 mm	<b>114</b>	1710 mm	<b>171</b>
1430 mm	<b>143</b>	1429 mm	<b>142</b>	2270 mm	<b>227</b>
1710 mm	<b>171</b>	1709 mm	<b>170</b>	2834 mm	<b>283</b>
2270 mm	<b>227</b>	2275 mm	<b>225</b>	3394 mm	<b>339</b>
2834 mm	<b>283</b>	2835 mm	<b>283</b>	4238 mm	<b>423</b>
3394 mm	<b>339</b>	3395 mm	<b>339</b>		
4238 mm	<b>423</b>	4239 mm	<b>423</b>		

## 2 COLOUR

	silver	<b>9006</b>
	white	<b>9016</b>
	black	<b>9005</b>
	RAL of your choice (p. 479)	

## 3 INGRESS PROTECTION

	IP20 (asymmetric, BAP)	<b>C</b>
	IP40 (microprisma, satiné)	<b>E</b>

## 4 LED

	3000 K, CRI > 80	<b>830</b>
	4000 K, CRI > 80	<b>840</b>
	3000 K, CRI > 90	<b>930</b>
	4000 K, CRI > 90	<b>940</b>
	2700 - 6500 K dynamic white, CRI > 90	<b>HCL</b>

## 5 OUTPUT / CONTROL

	low output non-dim	<b>L1</b>
	low output DALI	<b>L3</b>
	high output DALI	<b>H3</b>
	dynamic white	<b>X3</b>

## 6 OPTIC

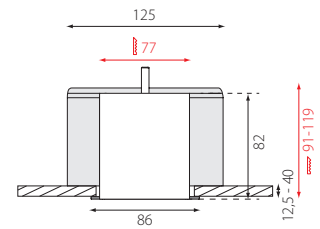
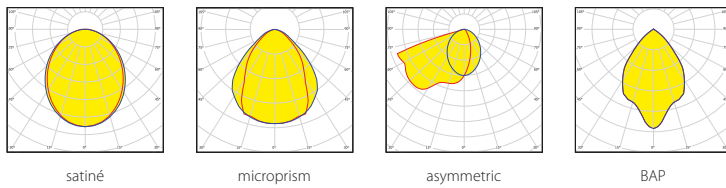
	satiné	<b>S</b>
	microprism UGR < 19 (low output only)	<b>M</b>
	asymmetric	<b>A</b>
	BAP UGR < 16 (low output only) UGR < 19 (high output only)	<b>B</b>

P33E **1-2-3-1-4-5-6**

P33E059-9016C1840H3S 590 mm, white, IP20, 4000 K, high output DALI, satiné

**CONFIGURE ONLINE**

katalog.planlicht.com



LUMINOUS FLUX (LM) / SYSTEM POWER (W)

4000K satiné	low output CRI > 80	high output CRI > 80	dynamic white CRI > 90	
589/590mm	812lm/8,9W	1365lm/14,5W	1036lm/16W	2,1 kg
869/870mm	1192lm/12,5W	2045lm/21W	1538lm/23W	3,1 kg
1149/1150mm	1597lm/16W	2767lm/27W	2139lm/28W	4,1 kg
1429/1430mm	1962lm/19W	3434lm/33W	2631lm/34W	5,1 kg
1709/1710mm	2404lm/22W	4225lm/40W	3208lm/40W	6,1 kg
2270/2275mm	3127lm/29W	5692lm/53W	4364lm/54W	8,2 kg
2834/2835mm	3923lm/38W	6868lm/67W	5261lm/68W	10,2 kg
3394-3400mm	4807lm/45W	8450lm/80W	6416lm/80W	12,7 kg
4238-4239mm	5885lm/57W	10303lm/99W	7892lm/102W	15,2 kg

COMPARE COVER 1429 / 1430 MM, 4000K, CRI > 80

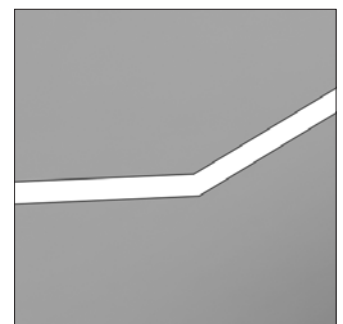
satiné	1962lm	3434lm
microprism*	2124lm	3653lm
BAP	2168lm	3792lm
asymmetric	1857lm	3534lm

\*Der angegebene Lichtstrom bezieht sich auf die Leuchte mit klarer mikroprismatischer Abdeckung. Die Leuchte wird mit satinierter Folie zur Erhöhung der Homogenität geliefert (-28,2% Lichtstrom).  
 The indicated luminous flux corresponds to the luminaire with a clear microprismatic diffuser. The luminaire is delivered with a satinized-foil for increased homogeneity (-28,2% luminous flux).  
 Le flux lumineux indiqué correspond au luminaire avec diffuseur microprismatique transparent. Le luminaire est livré avec un film satiné pour optimiser l'homogénéité (-28,2% sur le flux lumineux).  
 Il flusso luminoso indicato corrisponde all'apparecchio con diffusore microprismatico trasparente. La lampada è fornita con una pellicola satinata per ottimizzare l'omogeneità (-28,2% del flusso luminoso).

CUT OUT

SIZE	WIDTH	↑ DEPTH
all lengths-9mm	77mm	91-119mm

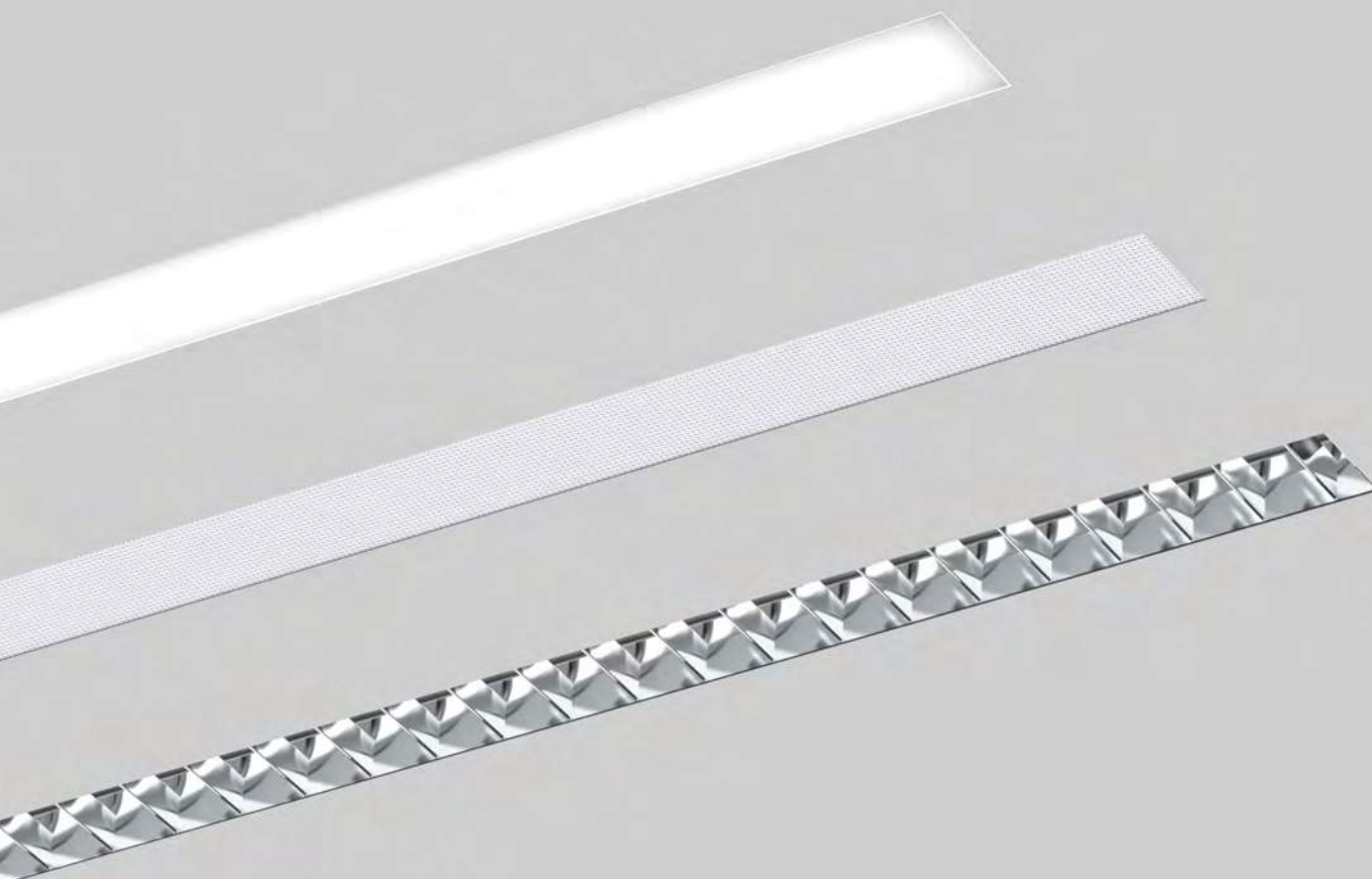
ALSO AVAILABLE AS A SYSTEM p. 400



p. 473

# pure 3 frameless

Einbauleuchte  
Recessed luminaire  
Luminaire encastré  
Apparechio da incasso



## 1 SIZE



p. 400

satiné/micro		BAP	
574 mm	<b>057</b>		
854 mm	<b>085</b>		
1134 mm	<b>113</b>	1134 mm	<b>113</b>
1414 mm	<b>141</b>	1414 mm	<b>141</b>
1694 mm	<b>169</b>		
2254 mm	<b>225</b>	2259 mm	<b>225</b>
2818 mm	<b>281</b>	2819 mm	<b>281</b>
3378 mm	<b>337</b>	3384 mm	<b>338</b>
4222 mm	<b>422</b>	4220 mm	<b>422</b>

## 2 INGRESS PROTECTION



IP20 (BAP only)

**C**



IP40 (satiné & microprism only)

**E**

## 3 LED



3000 K, CRI > 80

**830**



4000 K, CRI > 80

**840**



3000 K, CRI > 90

**930**



4000 K, CRI > 90

**940**



2700 - 6500 K dynamic white, CRI > 90

**HCL**

## 4 OUTPUT / CONTROL



low output non-dim

**L1**



low output DALI

**L3**



high output DALI

**H3**



dynamic white

**X3**

## 5 OPTIC



satiné

**S**



microprism UGR < 19 (low output only)

**M**



BAP UGR < 16 (low output only)  
UGR < 19 (high output only)

**B**

P33F 1-ALUB 2 1 3 4 5

P33F057 - ALUBE1840H3S 574 mm, white, 4000K, high output DALI, satiné

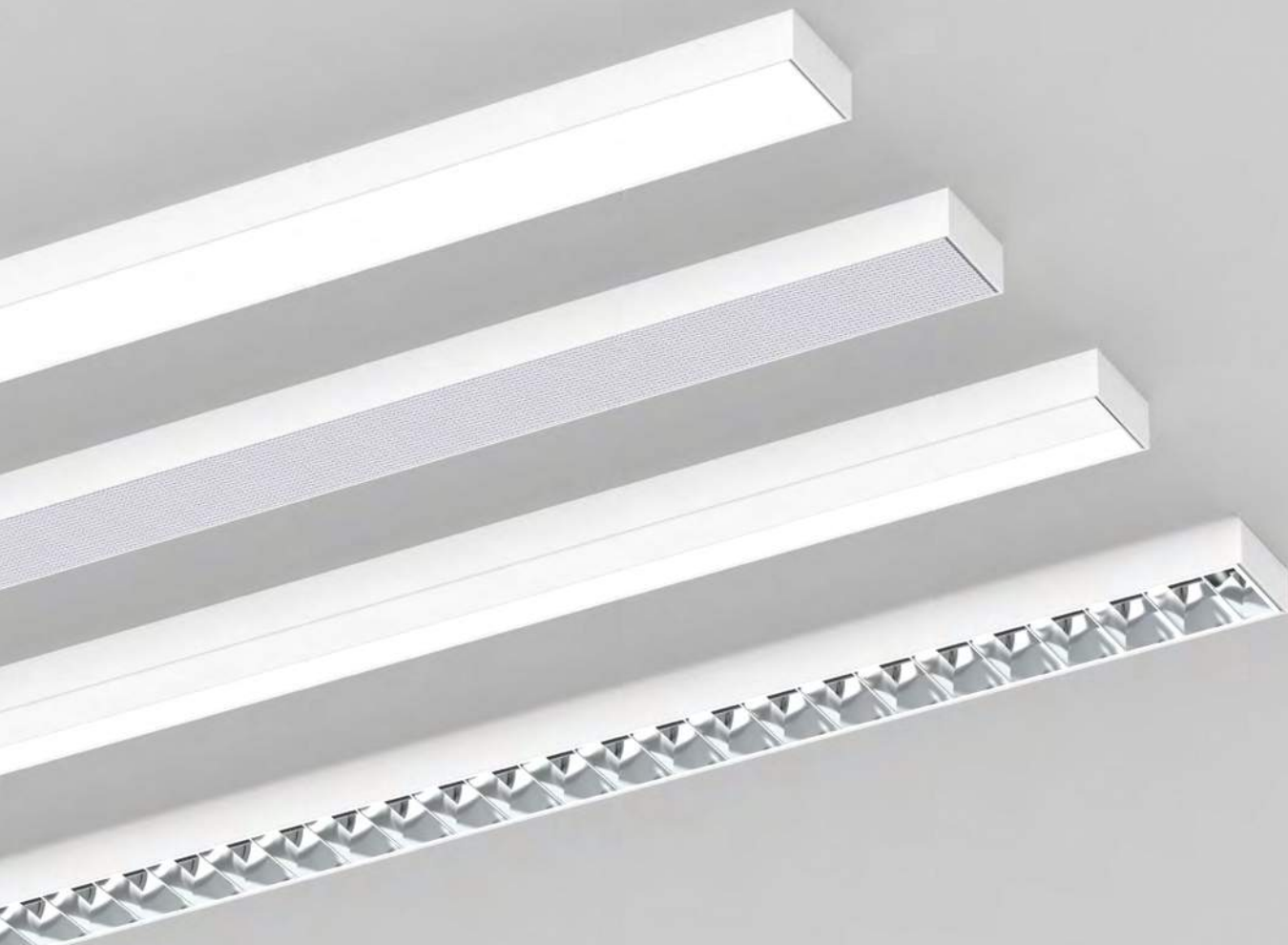
CONFIGURE ONLINE

katalog.planlicht.com



# pure 3 vario

Einbauleuchte  
Recessed luminaire  
Luminaire encastré  
Apparecchio da incasso



## 1 SIZE



p. 400

satiné/micro		asymmetric		BAP	
574 mm	<b>057</b>	573 mm	<b>057</b>	-	
854 mm	<b>085</b>	853 mm	<b>085</b>	-	
1134 mm	<b>113</b>	1133 mm	<b>113</b>	1134 mm	<b>113</b>
1414 mm	<b>141</b>	1413 mm	<b>141</b>	1414 mm	<b>141</b>
1694 mm	<b>169</b>	1693 mm	<b>169</b>	-	
2254 mm	<b>225</b>	2259 mm	<b>225</b>	2259 mm	<b>225</b>
2818 mm	<b>281</b>	2819 mm	<b>281</b>	2819 mm	<b>281</b>
3378 mm	<b>337</b>	3379 mm	<b>337</b>	3384 mm	<b>338</b>
4222 mm	<b>422</b>	4223 mm	<b>422</b>	4220 mm	<b>422</b>

## 2 COLOUR

	silver	<b>9006</b>
	white	<b>9016</b>
	black	<b>9005</b>
	RAL of your choice (p. 479)	

## 3 INGRESS PROTECTION

	IP20 (BAP & asymmetric only)	<b>C</b>
	IP40 (satiné & microprism only)	<b>E</b>

## 4 LED

	3000 K, CRI > 80	<b>830</b>
	4000 K, CRI > 80	<b>840</b>
	3000 K, CRI > 90	<b>930</b>
	4000 K, CRI > 90	<b>940</b>
	2700 - 6500 K dynamic white, CRI > 90	<b>HCL</b>

## 5 OUTPUT / CONTROL

	low output non-dim	<b>L1</b>
	low output DALI	<b>L3</b>
	high output DALI	<b>H3</b>
	dynamic white	<b>X3</b>

## 6 OPTIC

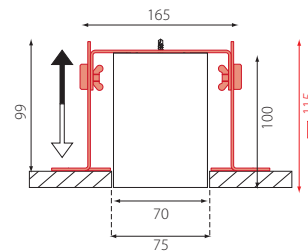
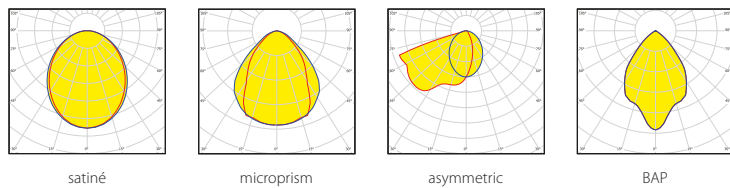
	satiné	<b>S</b>
	microprism UGR < 19 (low output only)	<b>M</b>
	asymmetric	<b>A</b>
	BAP UGR < 16 (low output only) UGR < 19 (high output only)	<b>B</b>

P33A 1-2 3 1 4 5 6

P33A057 - 9016E1840H3S 574 mm, white, 4000 K, high output DALI, satiné

CONFIGURE ONLINE

katalog.planlicht.com



**LUMINOUS FLUX (LM) / SYSTEM POWER (W)**

4000K satiné	low output CRI > 80	high output CRI > 80	dynamic white CRI > 90	
574 mm	812 lm / 8,9W	1365 lm / 14W	1036 lm / 16W	2,0 kg
854 mm	1192 lm / 12,5W	2045 lm / 21W	1538 lm / 23W	2,7 kg
1134 mm	1597 lm / 16W	2767 lm / 27W	2139 lm / 28W	3,4 kg
1414 mm	1962 lm / 19W	3434 lm / 33W	2631 lm / 34W	4,3 kg
1694 mm	2404 lm / 22W	4225 lm / 40W	3208 lm / 40W	5,0 kg
2254 mm	3127 lm / 29W	5692 lm / 53W	4364 lm / 54W	6,5 kg
2818 mm	3923 lm / 38W	6868 lm / 67W	5261 lm / 68W	8,5 kg
3378 mm	4807 lm / 45W	8450 lm / 80W	6416 lm / 80W	9,9 kg
4222 mm	5885 lm / 57W	10303 lm / 99W	7892 lm / 102W	12,6 kg

**COMPARE COVER 1414 MM, 4000K, CRI > 80**

satiné	1962 lm	3434 lm
microprism*	2124 lm	3653 lm
BAP	2168 lm	3792 lm
asymmetric	1857 lm	3534 lm

**MANDATORY ACCESSORY FOR SURFACE-MOUNTED RECESSED**

Einbaubügel paarweise | Recessed-mount bracket in pairs | Étriers d'encastrement par paire | Staffe di montaggio (2 pezzi)

P33-MOB-F-2

\*Der angegebene Lichtstrom bezieht sich auf die Leuchte mit klarer mikroprismatischer Abdeckung. Die Leuchte wird mit satinierter Folie zur Erhöhung der Homogenität geliefert (-28,2% Lichtstrom).

The indicated luminous flux corresponds to the luminaire with a clear microprismatic diffuser. The luminaire is delivered with a satinized-foil for increased homogeneity (-28,2% luminous flux).

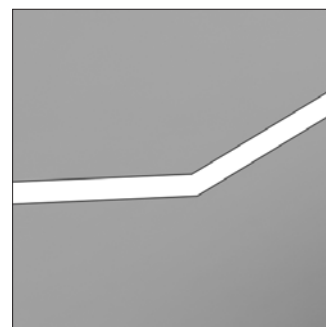
Le flux lumineux indiqué correspond au luminaire avec diffuseur microprismatique transparent. Le luminaire est livré avec un film satiné pour optimiser l'homogénéité (-28,2% sur le flux lumineux).

Il flusso luminoso indicato corrisponde all'apparecchio con diffusore microprismatico trasparente. La lampada é fornita con una pellicola satinata per ottimizzare l'omogeneità (-28,2% del flusso luminoso).

**CUT OUT**

SIZE	WIDTH	↑ DEPTH
all lengths + 5 mm	75 mm	115 mm

**ALSO AVAILABLE AS A SYSTEM** p. 400



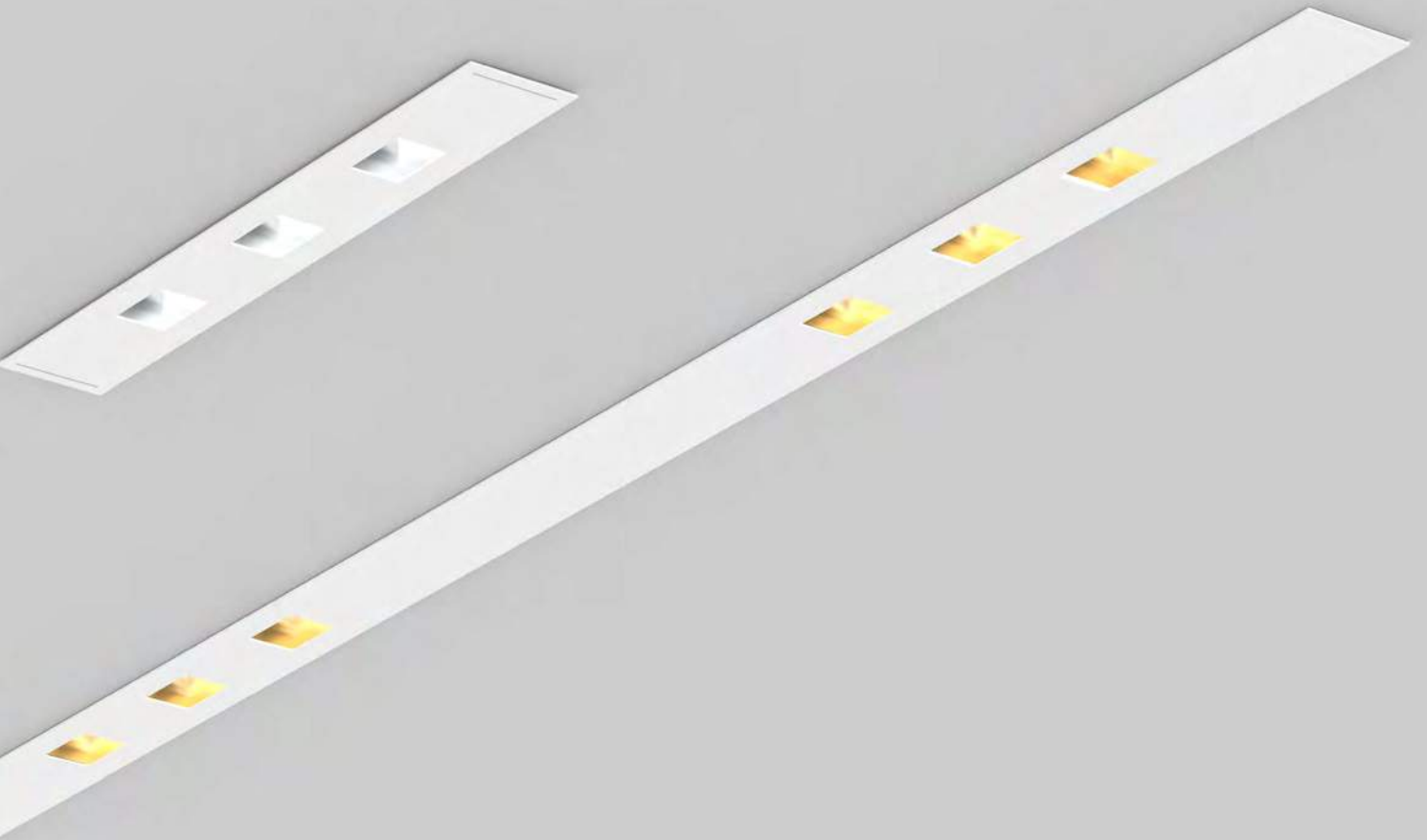
p. 473





# NEW pure 3 triflect

Einbauleuchte  
Recessed luminaire  
Luminaire encastré  
Apparechio da incasso



## 1 SIZE

591 mm, 3 spots

**059**

1817 mm, 6 spots

**181**

## 2 COLOUR



silver



white



black



RAL of your choice (p. 479)

## 3 OUTPUT / CONTROL



low output

**L**



high output

**H**

**9006**

**9016**

**9005**



## 4 DIM



non-dim

**1**



DALI-dim

**3**

## 5 REFLECTOR



silver matte

**P**



high-gloss gold

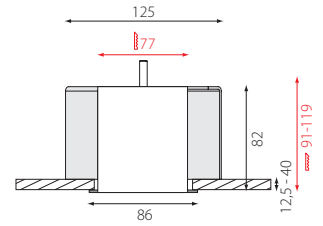
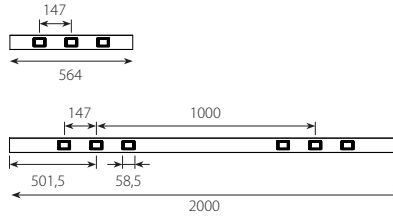
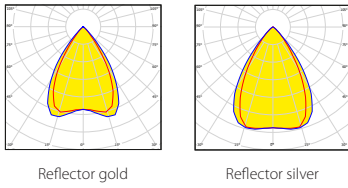
**G**

P3TE **1-2**C1840 **3 4 5**

P3TE059-9016C1840H1G 591 mm, white, high output, non-dim, gold (order sample)

**CONFIGURE ONLINE**

katalog.planlicht.com



**LUMINOUS FLUX (LM) / SYSTEM POWER (W)**

4000K silver matte	low output CRI > 80	high output CRI > 80	
591 mm	1851 lm / 17,5W	3018 lm / 32W	
1817 mm	3702 lm / 35W	6036 lm / 65W	4,8 kg

**COMPARE REFLECTOR COLOUR 1817 MM, 4000K, CRI > 80**

4000K silver matte	3702lm	6036lm
4000K high-gloss gold	3060lm	5112lm

**CUT OUT**

SIZE	WIDTH	↑ DEPTH
all lengths - 9 mm	77 mm	91 - 119 mm

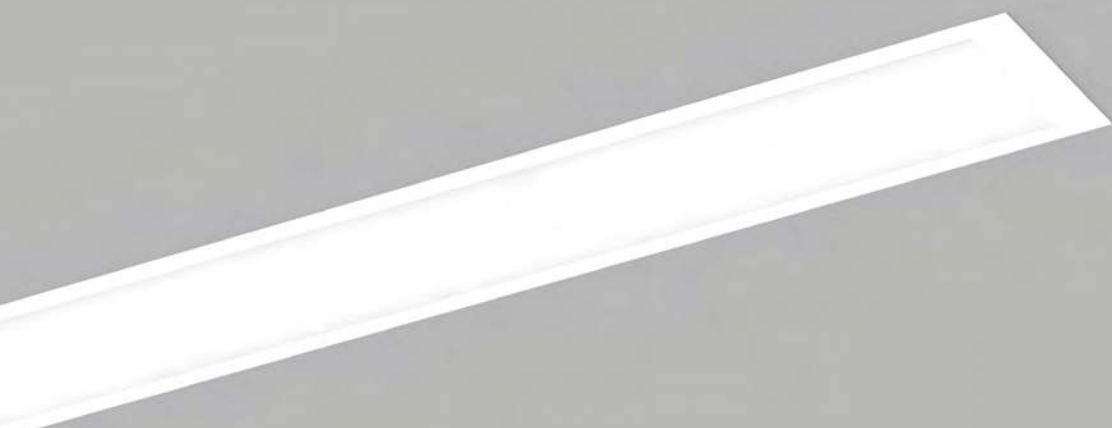
ALSO AVAILABLE AS A SYSTEM p.410



p. 473

# pure 2 frame IP54






Einbauleuchte  
Recessed luminaire  
Luminaire encastré  
Apparecchio da incasso








## 1 SIZE

614 mm	<b>061</b>
894 mm	<b>089</b>
1174 mm	<b>117</b>
1454 mm	<b>145</b>
1734 mm	<b>173</b>
2294 mm	<b>229</b>
2854 mm	<b>285</b>
3414 mm	<b>341</b>
4534 mm	<b>453</b>





## 2 COLOUR

	silver	<b>9006</b>
	white	<b>9016</b>
	black	<b>9005</b>
	RAL of your choice (p. 479)	

## 3 LED

	3000 K, CRI > 80	<b>830</b>
	4000 K, CRI > 80	<b>840</b>
	3000 K, CRI > 90	<b>930</b>
	4000 K, CRI > 90	<b>940</b>
	2700 - 6500 K dynamic white, CRI > 90	<b>HCL</b>

## 4 OUTPUT/CONTROL

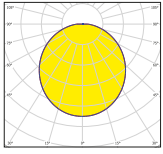
	low output non-dim	<b>L1</b>
	low output DALI	<b>L3</b>
	high output DALI	<b>H3</b>
	dynamic white	<b>X3</b>

P58E 1-2 Q1 3 4 S

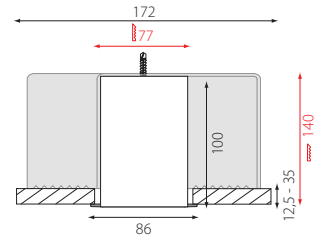
P58E061 - 9016Q1840H3S 614 mm, white, 4000 K, high output DALI, satiné

CONFIGURE ONLINE


katalog.planlicht.com



satiné



LUMINOUS FLUX (LM) / SYSTEM POWER (W)

4000 K satiné	low output CRI > 80	high output CRI > 80	dynamic white CRI > 90	
614 mm	800lm/11W	1464lm/18W	1002lm/20W	2,3 kg
894 mm	1296lm/16W	2212lm/26W	1476lm/29W	3,1 kg
1174 mm	1584lm/20W	2958lm/34W	2058lm/36W	4,0 kg
1454 mm	1964lm/24W	3644lm/42W	2520lm/43W	5,0 kg
1734 mm	2626lm/28W	4517lm/51W	3081lm/51W	5,8 kg
2294 mm	3422lm/36W	6115lm/67W	4196lm/68W	7,6 kg
2854 mm	3928lm/48W	7288lm/84W	5041lm/86W	10,5 kg
3414 mm	5252lm/56W	9034lm/101W	6163lm/102W	12,2 kg
4534 mm	6844lm/73W	12230lm/135W	8982lm/136W	15,7 kg

 CUT OUT

SIZE	WIDTH	↑ DEPTH
all lengths - 10mm	77 mm	140 mm



# sinus frame

Einbauleuchte  
Recessed luminaire  
Luminaire encastré  
Apparecchio da incasso



## 1 SIZE

⊙	ø 1190 mm	<b>119</b>
M	ø 1546 mm	<b>154</b>
L	ø 2966 mm	<b>296</b>
XL	ø 5806 mm	<b>580</b>

## 2 COLOUR

	silver	<b>9006</b>
	white	<b>9016</b>
	black	<b>9005</b>
	RAL of your choice (p. 479)	

## 3 LED

	3000 K, CRI > 80	<b>830</b>
	4000 K, CRI > 80	<b>840</b>
	3000 K, CRI > 90	<b>930</b>
	4000 K, CRI > 90	<b>940</b>
	2700 - 6500 K dynamic white, CRI > 90	<b>HCL</b>

## 4 OUTPUT / CONTROL

	low output non-dim	<b>L1</b>
	low output DALI	<b>L3</b>
	high output DALI	<b>H3</b>
	dynamic white	<b>X3</b>

## 5 OPTIC

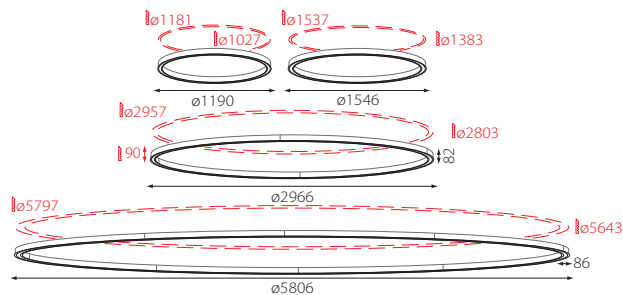
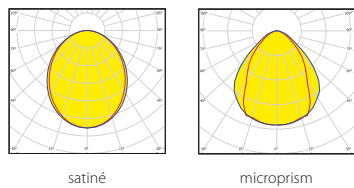
	satiné	<b>S</b>
	microprism UGR < 19 (low output only)	<b>M</b>

R33E 1-2 E1 3 4 5


R33E119-9016E1840H3S ø 1190 mm, white, 4000 K, high output DALI, satiné (order sample)

**CONFIGURE ONLINE**

katalog.planlicht.com



**LUMINOUS FLUX (LM) / SYSTEM POWER (W)**

4000K satiné	low output CRI > 80	high output CRI > 80	dynamic white CRI > 90	
ø 1190 mm	4507 lm / 44W	8195 lm / 79W	6153 lm / 81 W	12,8 kg
ø 1546 mm	6010 lm / 58W	10927 lm / 105W	8555 lm / 108W	16,7 kg
ø 2966 mm	12020 lm / 116W	21856 lm / 210W	17458 lm / 215 W	32,2 kg
ø 5806 mm	24040 lm / 233 W	43712 lm / 421 W	34916 lm / 430 W	63,1 kg

**COMPARE COVER Ø 1546 MM, 4000K, CRI > 80**

satiné	3010 lm	10927 lm	8555 lm
microprism*	6393 lm	11624 lm	9370 lm

\*Der angegebene Lichtstrom bezieht sich auf die Leuchte mit klarer mikroprismatischer Abdeckung. Die Leuchte wird mit satinierter Folie zur Erhöhung der Homogenität geliefert (-28,2% Lichtstrom).  
 The indicated luminous flux corresponds to the luminaire with a clear microprismatic diffuser. The luminaire is delivered with a satinized-foil for increased homogeneity (-28,2% luminous flux).  
 Le flux lumineux indiqué correspond au luminaire avec diffuseur microprismatique transparent. Le luminaire est livré avec un film satiné pour optimiser l'homogénéité (-28,2 % sur le flux lumineux).  
 Il flusso luminoso indicato corrisponde all'apparecchio con diffusore microprismatico trasparente. La lampada é fornita con una pellicola satinata per ottimizzare l'omogeneità (-28,2% del flusso luminoso).

**CUT OUT**

SIZE	ø DIAMETER	↑ DEPTH
ø 1190 mm	ø 1181 / 1027 mm	90 mm
ø 1546 mm	ø 1537 / 1383 mm	90 mm
ø 2966 mm	ø 2957 / 2803 mm	90 mm
ø 5806 mm	ø 5797 / 5643 mm	90 mm

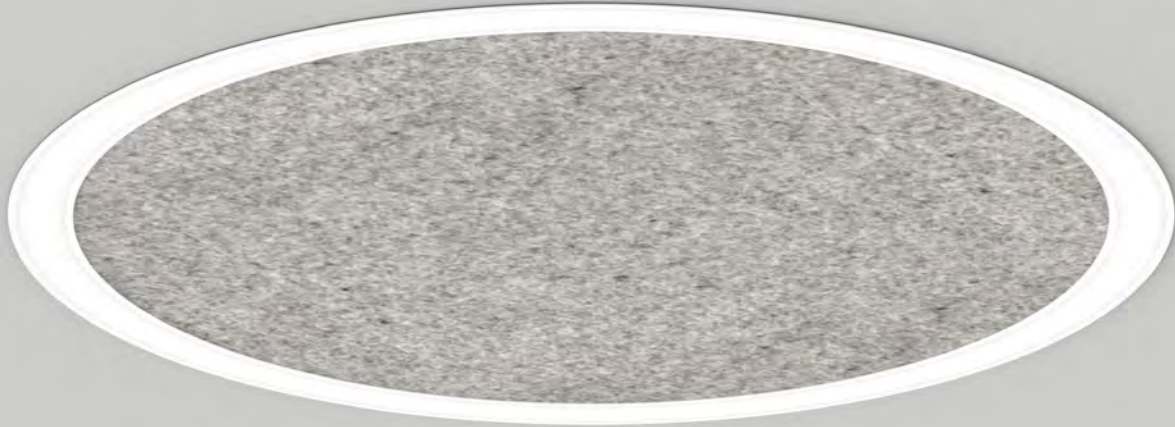
ALSO AVAILABLE AS A SYSTEM p. 408



230V | up to L80/50.000 h | up to 111 lm/W | IEC 62471: Blue light hazard: RG 0 | MacAdam 3 | DALI switchDIM

# sinus quiet frame

Einbauleuchte  
Recessed luminaire  
Luminaire encastré  
Apparecchio da incasso



## 1 SIZE

	ø1190 mm	<b>119</b>
	ø1546 mm	<b>154</b>

## 2 ACOUSTIC MODULE

	QUIET.FELT standard anthracite melange	<b>QA</b>
	QUIET.FELT standard pebble	<b>QP</b>
	QUIET.FELT standard lime	<b>QL</b>
	QUIET.FELT extra+ black *	<b>QB</b>
	QUIET.FELT extra+ fire *	<b>QF</b>
	QUIET.FELT extra+ light grey melange *	<b>QG</b>
	QUIET.FELT extra+ chocolate *	<b>QC</b>
	Organoid® Mous *	<b>QM</b>
	Organoid® Wollä *	<b>QW</b>
	Organoid® Wildspitze *	<b>QH</b>

\* on request

## 3 COLOUR

	silver	<b>SI</b>
	white	<b>WS</b>
	black	<b>SW</b>
	RAL of your choice (p.479)	

## 4 LED

	3000 K, CRI > 80	<b>830</b>
	4000 K, CRI > 80	<b>840</b>
	3000 K, CRI > 90	<b>930</b>
	4000 K, CRI > 90	<b>940</b>
	2700 - 6500 K dynamic white, CRI > 90	<b>HCL</b>

## 5 OUTPUT/CONTROL

	low output non-dim	<b>L1</b>
	low output DALI	<b>L3</b>
	high output DALI	<b>H3</b>
	dynamic white	<b>X3</b>

## 6 OPTIC

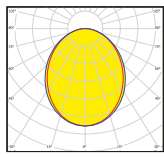
	satiné	<b>S</b>
	microprism UGR < 19 (low output only)	<b>M</b>

R33E1-23C1456

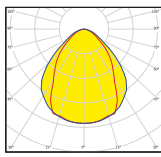
R33E119-QPWSC1840H3S ø1190 mm, standard pebble, white, 4000 K, high output DALI, satiné (order sample)

**CONFIGURE ONLINE**

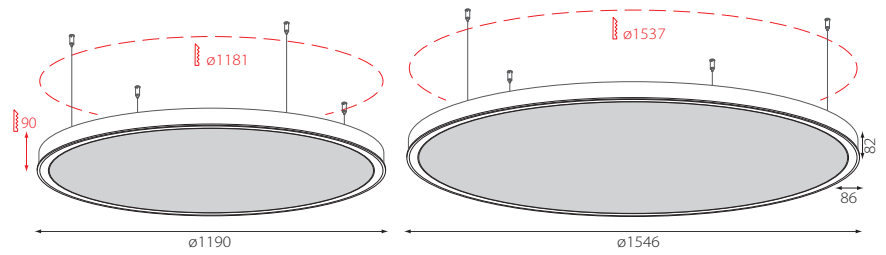
katalog.planlicht.com




satiné direct



microprism direct



**LUMINOUS FLUX (LM) / SYSTEM POWER (W)**

4000K satiné	low output CRI > 80	high output CRI > 80	dynamic white CRI > 90	 26,2 kg
ø 1190 mm	4507 lm / 44W	8195 lm / 79W	6153 lm / 81 W	
ø 1546 mm	6010 lm / 58W	10927 lm / 105W	8555 lm / 108W	39,5 kg

**COMPARE COVER Ø 1546 MM, 4000K, CRI > 80**

satiné	3010 lm	10927 lm	8555 lm
microprism*	6393 lm	11624 lm	9370 lm

\*Der angegebene Lichtstrom bezieht sich auf die Leuchte mit klarer mikroprismatischer Abdeckung. Die Leuchte wird mit satinierter Folie zur Erhöhung der Homogenität geliefert (-28,2% Lichtstrom).

The indicated luminous flux corresponds to the luminaire with a clear microprismatic diffuser. The luminaire is delivered with a satinized-foil for increased homogeneity (-28,2% luminous flux).

Le flux lumineux indiqué correspond au luminaire avec diffuseur microprismatique transparent. Le luminaire est livré avec un film satiné pour optimiser l'homogénéité (-28,2 % sur le flux lumineux).

Il flusso luminoso indicato corrisponde all'apparecchio con diffusore microprismatico trasparente. La lampada é fornita con una pellicola satinata per ottimizzare l'omogeneità (-28,2% del flusso luminoso).

**CUT OUT**

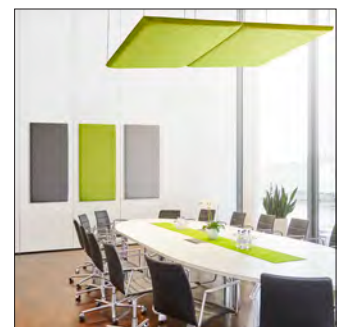
SIZE	ø DIAMETER	↑ DEPTH
ø 1190 mm	ø 1181 mm	90 mm
ø 1546 mm	ø 1537 mm	90 mm

**ACOUSTIC ABSORBERS**



**ACOUSTIC PANELS**

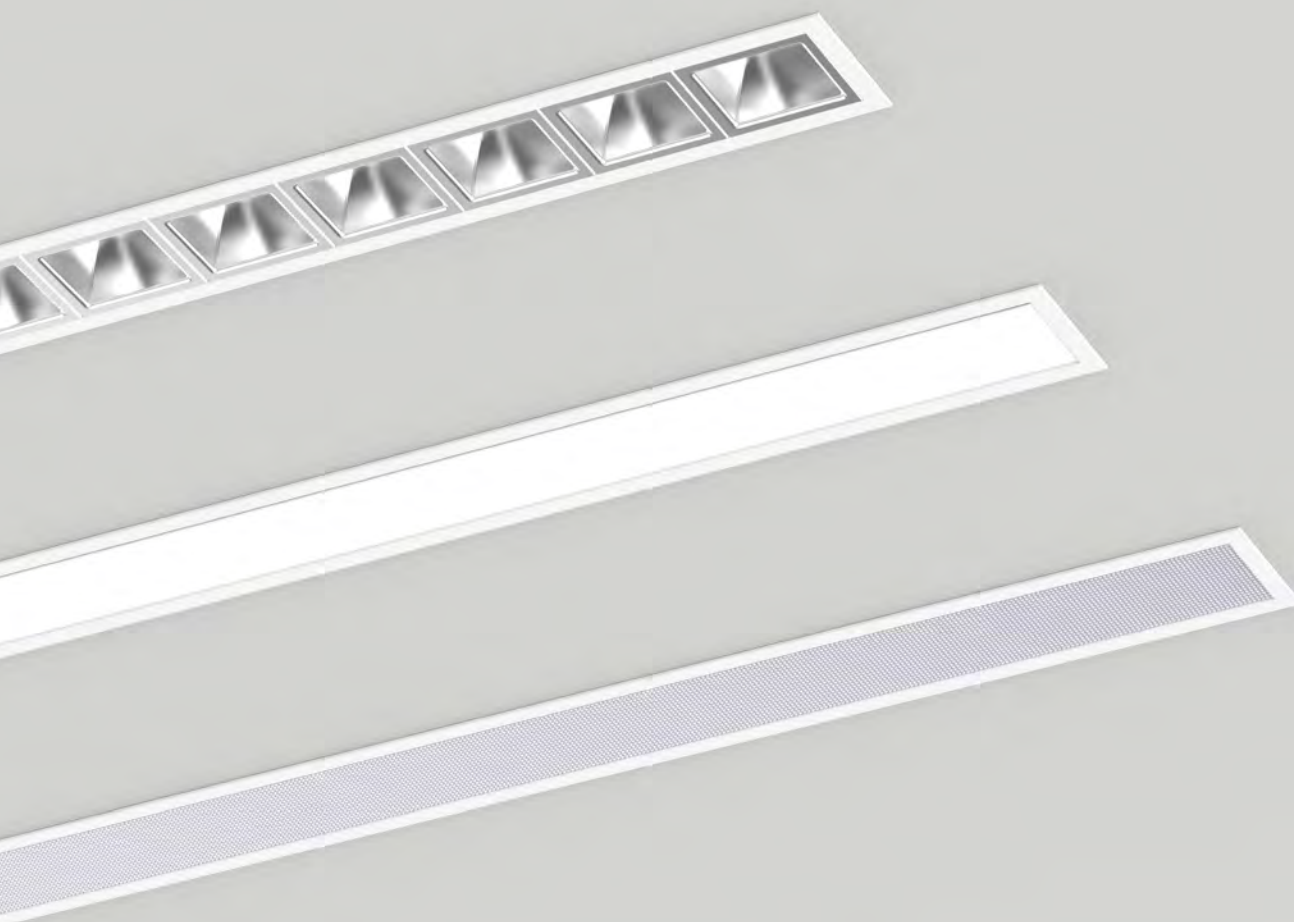
p. 476





# quadro frame

Einbauleuchte  
Recessed luminaire  
Luminaire encastré  
Apparecchio da incasso



## 1 SIZE

non Sensor		with Sensor	
576 mm	<b>057</b>		
1136 mm	<b>113</b>	1161 mm	<b>116</b>
1416 mm	<b>141</b>	1441 mm	<b>144</b>
1696 mm	<b>169</b>		
2256 mm	<b>225</b>		

## 2 COLOUR

	silver	<b>9006</b>
	white	<b>9016</b>
	black	<b>9005</b>
	RAL of your choice (p. 479)	

## 3 LED

	3000 K, CRI > 80	<b>830</b>
	4000 K, CRI > 80	<b>840</b>
	3000 K, CRI > 90	<b>930</b>
	4000 K, CRI > 90	<b>940</b>
	2700 - 6500 K dynamic white, CRI > 90	<b>HCL</b>

## 4 OUTPUT/CONTROL

	non Sensor	with Sensor
	low output non-dim	<b>L1</b>
	low output DALI	<b>L3</b>
	high output DALI	<b>H3</b>
	dynamic white	<b>X3</b>

Dynamic white with Sensor on request (X7)

## 5 OPTIC

satiné*	<b>S</b>	BAP white (RAL 9016)*	<b>W</b>
microprism*	<b>M</b>	BAP black (RAL 9005)	<b>N</b>
BAP high-gloss silver	<b>B</b>	BAP glaring gold	<b>D</b>
BAP silver matte	<b>P</b>	BAP capital copper	<b>R</b>
BAP high-gloss gold	<b>G</b>	BAP gunnery grey	<b>Y</b>
BAP high-gloss copper	<b>K</b>	BAP black chrome matte	<b>C</b>

BAP louvre colours (p. 474)

\* Some Versions UGR > 19

T65E 1-2 C1 3 4 5

T65E057-9016C1840H3B 576 mm, white, 4000 K, high output DALI, BAP high-gloss silver (order sample)

CONFIGURE ONLINE

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# lili frame

Einbauleuchte  
Recessed luminaire  
Luminaire encastré  
Apparechio da incasso



## 1 SIZE

⊙	ø250 mm (non dynamic white)	<b>025</b>
⊙	ø350 mm	<b>035</b>
M	ø440 mm	<b>044</b>
L	ø640 mm	<b>064</b>
XL	ø940 mm	<b>094</b>
XXL	ø1240 mm	<b>124</b>

## 2 COLOUR

	silver	<b>9006</b>
	white	<b>9016</b>
	black	<b>9005</b>
	RAL of your choice (p. 479)	

## 3 LED

	3000 K, CRI > 80	<b>830</b>
	4000 K, CRI > 80	<b>840</b>
	3000 K, CRI > 90	<b>930</b>
	4000 K, CRI > 90	<b>940</b>
	2700 - 6500 K dynamic white, CRI > 90	<b>HCL</b>

## 4 OUTPUT / CONTROL

	low output non-dim	<b>L1</b>
	low output DALI	<b>L3</b>
	high output DALI	<b>H3</b>
	dynamic white	<b>X3</b>

## 5 OPTIC

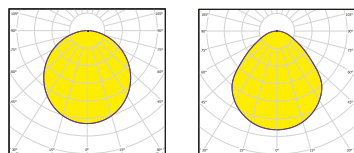
	satiné	<b>S</b>
	microprism UGR < 19 (low output only)	<b>M</b>

F50E 1-2 C1 3 4 5

F50E044-9016C1840H3S ø440 mm, white, 4000 K, high output DALI, satiné (order sample)

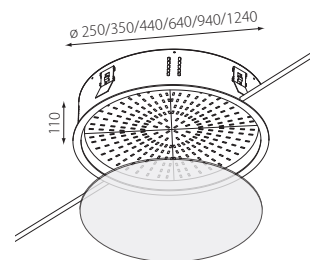
**CONFIGURE ONLINE**

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satiné

microprism



**LUMINOUS FLUX (LM)/SYSTEM POWER (W)**

4000K satiné, white	low output CRI > 80	high output CRI > 80	dynamic white CRI > 90	
ø 250 mm	709 lm / 7,7 W	1314 lm / 14,5 W		1,2 kg
ø 350 mm	1216 lm / 11 W	2036 lm / 18,5 W	1560 lm / 18,5 W	3,7 kg
ø 440 mm	1847 lm / 15 W	3165 lm / 27 W	2439 lm / 27 W	4,8 kg
ø 640 mm	3417 lm / 25 W	6803 lm / 51 W	5411 lm / 51 W	8,7 kg
ø 940 mm	7016 lm / 47 W	13708 lm / 96 W	10219 lm / 96 W	18,7 kg
ø 1240 mm	13353 lm / 86 W	25724 lm / 172 W	19586 lm / 172 W	29,7 kg

**COMPARE COVER Ø 440 MM, 4000 K, CRI > 80**

satiné	1847 lm	3165 lm
microprism	1583 lm	2663 lm

Die angegebenen Lichtstromwerte (lm) beziehen sich auf Leuchten mit einem weißen Gehäuse (RAL 9016). Je nach Gehäusefarbe und Durchmesser reduzieren sich diese entsprechend.  
 All figures of luminous flux (lm) are for fixtures with white housing (RAL 9016). Depending on the housing colour and diameter, the luminous flux is reduced accordingly.  
 Les valeurs de flux lumineux (lm) indiquées se réfèrent aux luminaires à corps blanc (RAL 9016). En fonction de la couleur du corps et du diamètre, celles-ci sont réduites en conséquence.  
 I valori indicati di flusso luminoso (lm) si riferiscono a lampade con alloggiamento bianco (RAL 9016). A seconda del diametro e del colore scelto per l'alloggiamento, tali valori possono ridursi.

Deckenstärke | Ceiling thickness | Épaisseur du plafond | Spessore del soffitto: 2 mm - 30 mm

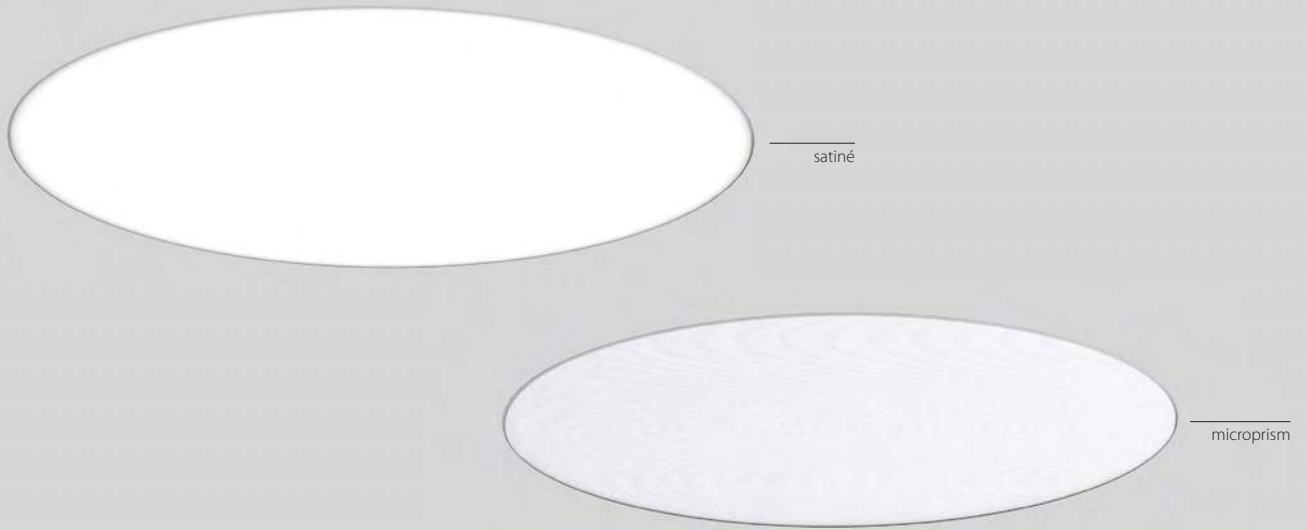
 **CUT OUT**

SIZE	ø DIAMETER	↑ DEPTH
ø 250 mm	ø 240 mm	115 mm
ø 350 mm	ø 340 mm	115 mm
ø 440 mm	ø 430 mm	115 mm
ø 640 mm	ø 630 mm	115 mm
ø 940 mm	ø 930 mm	115 mm
ø 1240 mm	ø 1230 mm	115 mm



# lili frameless

Einbauleuchte  
Recessed luminaire  
Luminaire encastré  
Apparecchio da incasso



## 1 SIZE

○	ø230 mm (non dynamic white)	<b>023</b>
○	ø330 mm	<b>033</b>
○ M	ø420 mm	<b>042</b>
○ L	ø620 mm	<b>062</b>
○ XL	ø920 mm	<b>092</b>
○ XXL	ø1220 mm	<b>122</b>

## 2 LED

	3000 K, CRI > 80	<b>830</b>
	4000 K, CRI > 80	<b>840</b>
	3000 K, CRI > 90	<b>930</b>
	4000 K, CRI > 90	<b>940</b>
	2700 - 6500 K dynamic white, CRI > 90	<b>HCL</b>

## 3 OUTPUT / CONTROL

	low output non-dim	<b>L1</b>
	low output DALI	<b>L3</b>
	high output DALI	<b>H3</b>
	dynamic white	<b>X3</b>

## 4 OPTIC

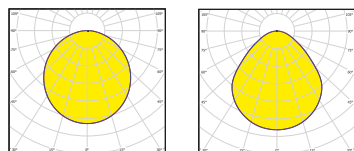
	satiné	<b>S</b>
	microprism UGR < 19 (low output only)	<b>M</b>

F50F 1-9016C1 2 3 4

F50F042-9016C1840H3S ø420mm, 4000K, high output DALI, satiné (order sample)

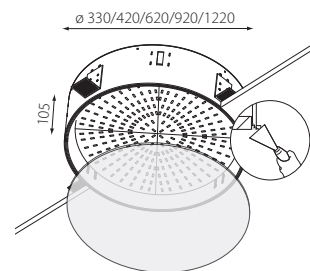
CONFIGURE ONLINE

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


satiné

microprism



**LUMINOUS FLUX (LM) / SYSTEM POWER (W)**

4000K satiné, white	low output CRI > 80	high output CRI > 80	dynamic white CRI > 90	
ø 230 mm	709 lm / 7,7 W	1314 lm / 14,5 W		1,0 kg
ø 330 mm	1216 lm / 11 W	2036 lm / 18,5 W	1560 lm / 18,5 W	2,4 kg
ø 420 mm	1847 lm / 15 W	3165 lm / 27 W	2439 lm / 27 W	3,7 kg
ø 620 mm	3417 lm / 25 W	6803 lm / 51 W	5411 lm / 51 W	7,4 kg
ø 920 mm	7016 lm / 47 W	13708 lm / 96 W	10219 lm / 96 W	15,9 kg
ø 1220 mm	13353 lm / 86 W	25724 lm / 172 W	19586 lm / 172 W	25,9 kg

**COMPARE COVER Ø 420 MM, 4000 K, CRI > 80**

satiné	1847 lm	3165 lm
microprism	1583 lm	2663 lm

Die angegebenen Lichtstromwerte (lm) beziehen sich auf Leuchten mit einem weißen Gehäuse (RAL 9016). Je nach Gehäusefarbe und Durchmesser reduzieren sich diese entsprechend.  
 All figures of luminous flux (lm) are for fixtures with white housing (RAL 9016). Depending on the housing colour and diameter, the luminous flux is reduced accordingly.  
 Les valeurs de flux lumineux (lm) indiquées se réfèrent aux luminaires à corps blanc (RAL 9016). En fonction de la couleur du corps et du diamètre, celles-ci sont réduites en conséquence.  
 I valori indicati di flusso luminoso (lm) si riferiscono a lampade con alloggiamento bianco (RAL 9016). A seconda del diametro e del colore scelto per l'alloggiamento, tali valori possono ridursi.

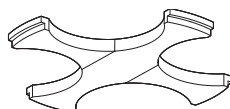
Deckenstärke | Ceiling thickness | Épaisseur du plafond | Spessore del soffitto: 2 mm - 30 mm

 **CUT OUT**

SIZE	ø DIAMETER	↑ DEPTH
ø 330 mm	ø 337 mm	115 mm
ø 420 mm	ø 427 mm	115 mm
ø 620 mm	ø 627 mm	115 mm
ø 920 mm	ø 927 mm	115 mm
ø 1220 mm	ø 1227 mm	115 mm

**ASSEMBLY AID**

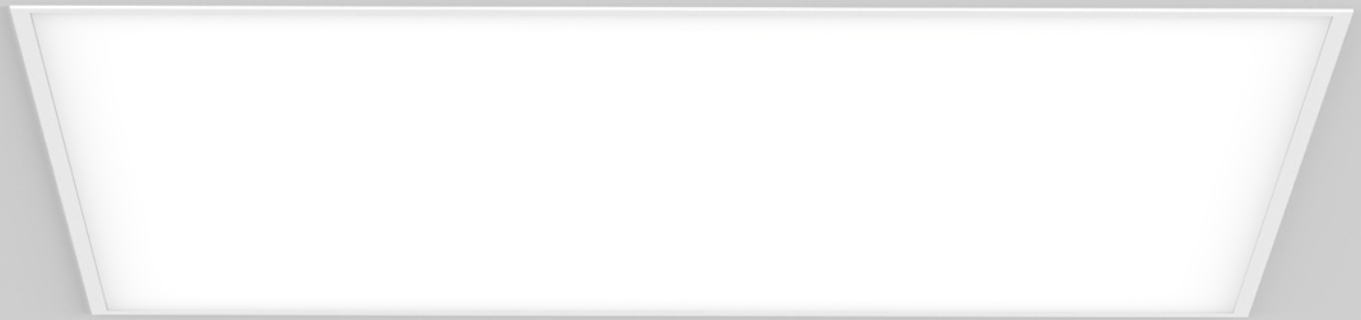
- F50F-ROH-023
- F50F-ROH-033
- F50F-ROH-042
- F50F-ROH-062
- F50F-ROH-092
- F50F-ROH-122








230V | up to L80/50.000 h | up to 155 lm/W | IEC 62471: Blue light hazard: RG 0 | MacAdam 3 | DALI switchDIM

# liha frame






Einbauleuchte  
Recessed luminaire  
Luminaire encastré  
Apparecchio da incasso








## 1 SIZE

	330×330 mm	<b>03Q</b>
	470×470 mm	<b>04Q</b>
	620×620 mm	<b>06Q</b>
	910×910 mm	<b>09Q</b>
	1200×1200 mm	<b>12Q</b>





## 2 COLOUR

	silver	<b>9006</b>
	white	<b>9016</b>
	black	<b>9005</b>
	RAL of your choice (p. 479)	

## 3 LED

	3000 K, CRI > 80	<b>830</b>
	4000 K, CRI > 80	<b>840</b>
	3000 K, CRI > 90	<b>930</b>
	4000 K, CRI > 90	<b>940</b>
	2700 - 6500 K dynamic white, CRI > 90 (SIZE 470×470 mm: CRI > 80)	<b>HCL</b>

## 4 OUTPUT / CONTROL

	low output non-dim	<b>L1</b>
	low output DALI	<b>L3</b>
	high output DALI	<b>H3</b>
	dynamic white	<b>X3</b>

## 5 OPTIC

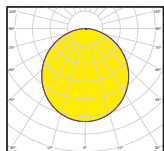
	satiné	<b>S</b>
	microprism	<b>M</b>

F51E 1-2 C1 3 4 5

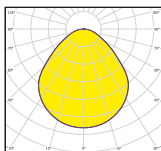
F51E04Q-9016C1840H35 470×470 mm, white, 4000K, high output DALI, satiné (order sample)

**CONFIGURE ONLINE**

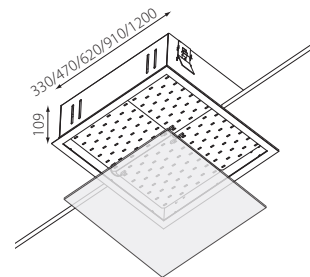
katalog.planlicht.com




satiné



microprism



**LUMINOUS FLUX (LM) / SYSTEM POWER (W)**

4000K satiné, white	low output CRI > 80	high output CRI > 80	dynamic white CRI > 90	
330x330 mm	1197 lm / 10,5W	1197 lm / 20W	1445 lm / 20W	4,3 kg
470x470 mm	2363 lm / 22W	3663 lm / 34W	2734 lm / 34W (CRI > 80)	6,6 kg
620x620 mm	4104 lm / 34W	7898 lm / 66W	5806 lm / 65W	10,7 kg
910x910 mm	8124 lm / 62W	15647 lm / 122W	11653 lm / 122W	22,0 kg
1200x1200 mm	13348 lm / 105W	26710 lm / 219W	20295 lm / 219W	36,4 kg

**COMPARE COVER 470x470 MM, 4000 K, CRI > 80**

satiné	2362 lm	3663 lm
microprism	2283 lm	3546 lm

Die angegebenen Lichtstromwerte (lm) beziehen sich auf Leuchten mit einem weißen Gehäuse (RAL 9016). Je nach Gehäusefarbe und Durchmesser reduzieren sich diese entsprechend.  
 All figures of luminous flux (lm) are for fixtures with white housing (RAL 9016). Depending on the housing colour and diameter, the luminous flux is reduced accordingly.  
 Les valeurs de flux lumineux (lm) indiquées se réfèrent aux luminaires à corps blanc (RAL 9016). En fonction de la couleur du corps et du diamètre, celles-ci sont réduites en conséquence.  
 I valori indicati di flusso luminoso (lm) si riferiscono a lampade con alloggiamento bianco (RAL 9016). A seconda del diametro e del colore scelto per l'alloggiamento, tali valori possono ridursi.

Deckenstärke | Ceiling thickness | Épaisseur du plafond | Spessore del soffitto: 2 mm - 30 mm

 **CUT OUT**

SIZE	□ DIAMETER	↑ DEPTH
330x330 mm	320x320 mm	115 mm
470x470 mm	460x460 mm	115 mm
620x620 mm	610x610 mm	115 mm
910x910 mm	900x900 mm	115 mm
1200x1200 mm	1190x1190 mm	115 mm



230V | up to L80/50.000 h | up to 131 lm/W | IEC 62471: Blue light hazard: RG 0 | MacAdam 3 | DALI switchDIM



# liha frameless

Einbauleuchte  
Recessed luminaire  
Luminaire encastré  
Apparecchio da incasso



## 1 SIZE

	310×310 mm	<b>03Q</b>
	450×450 mm	<b>04Q</b>
	600×600 mm	<b>06Q</b>
	890×890 mm	<b>08Q</b>
	1180×1180 mm	<b>11Q</b>

## 2 LED

	3000 K, CRI > 80	<b>830</b>
	4000 K, CRI > 80	<b>840</b>
	3000 K, CRI > 90	<b>930</b>
	4000 K, CRI > 90	<b>940</b>
	2700 - 6500 K dynamic white, CRI > 90 (SIZE 450×450 mm: CRI > 80)	<b>HCL</b>

## 3 OUTPUT / CONTROL

		low output non-dim	<b>L1</b>
		low output DALI	<b>L3</b>
		high output DALI	<b>H3</b>
		dynamic white	<b>X3</b>

## 4 OPTIC

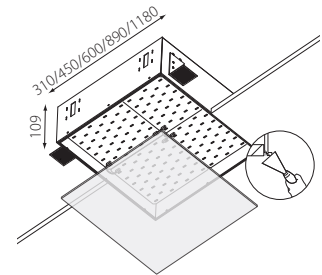
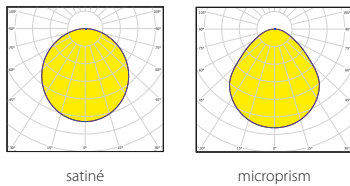
	satiné	<b>S</b>
	microprism	<b>M</b>

F51F **1** -9016C**1** **2** **3** **4**


F51F04Q-9016C1840H3S 450×450 mm, 4000K, high output DALI, satiné (order sample)

**CONFIGURE ONLINE**

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**LUMINOUS FLUX (LM) / SYSTEM POWER (W)**

4000K satiné, white	low output CRI > 80	high output CRI > 80	dynamic white CRI > 90	
310×310 mm	1197 lm / 10,5W	1934 lm / 20W	1445 lm / 20W	3,3 kg
450×450 mm	2363 lm / 22W	3663 lm / 34W	2734 lm / 34W (CRI > 80)	5,3 kg
600×600 mm	4104 lm / 34W	7898 lm / 66W	5806 lm / 65W	9,3 kg
890×890 mm	8124 lm / 62W	15647 lm / 122W	11653 lm / 122W	18,5 kg
1180×1180 mm	13348 lm / 105W	26710 lm / 219W	20295 lm / 219W	31,7 kg

**COMPARE COVER 450×450 MM, CRI > 80**

satiné 4000K	2362 lm	3663 lm
microprism 4000K	2283 lm	3546 lm

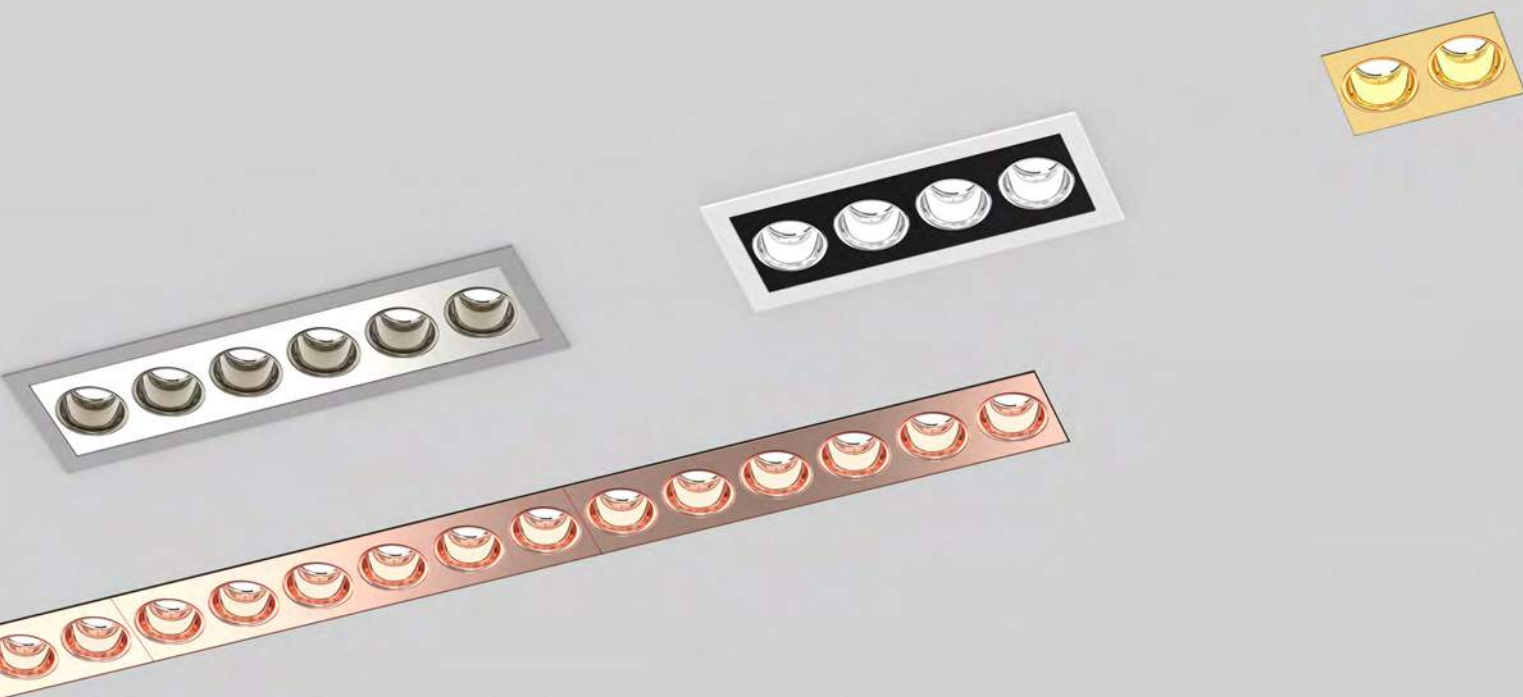
Die angegebenen Lichtstromwerte (lm) beziehen sich auf Leuchten mit einem weißen Gehäuse (RAL 9016). Je nach Gehäusefarbe und Durchmesser reduzieren sich diese entsprechend.  
 All figures of luminous flux (lm) are for fixtures with white housing (RAL 9016). Depending on the housing colour and diameter, the luminous flux is reduced accordingly.  
 Les valeurs de flux lumineux (lm) indiquées se réfèrent aux luminaires à corps blanc (RAL 9016). En fonction de la couleur du corps et du diamètre, celles-ci sont réduites en conséquence.  
 I valori indicati di flusso luminoso (lm) si riferiscono a lampade con alloggiamento bianco (RAL 9016). A seconda del diametro e del colore scelto per l'alloggiamento, tali valori possono ridursi.

Deckenstärke | Ceiling thickness | Épaisseur du plafond | Spessore del soffitto: 2 mm - 30 mm

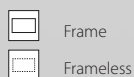
 **CUT OUT**

SIZE	□ DIAMETER	↑ DEPTH
310×310 mm	□ 317×317 mm	115 mm
450×450 mm	□ 457×457 mm	115 mm
600×600 mm	□ 607×607 mm	115 mm
890×890 mm	□ 897×897 mm	115 mm
1180×1180 mm	□ 1187×1187 mm	115 mm





## 1 MOUNTING



Frame

Frameless

**E**

**F**

## 2 SIZE

**FRAME**

**FRAMELESS**

2 spots - 76 mm	<b>007</b>	2 spots - 64 mm	<b>006</b>
4 spots - 136 mm	<b>013</b>	4 spots - 124 mm	<b>012</b>
6 spots - 196 mm	<b>019</b>	6 spots - 184 mm	<b>018</b>
8 spots - 256 mm	<b>025</b>	8 spots - 244 mm	<b>024</b>
12 spots - 376 mm	<b>037</b>	12 spots - 364 mm	<b>036</b>
18 spots - 556 mm	<b>055</b>	18 spots - 544 mm	<b>054</b>

## 3 REFLECTIVE TUBE COLOUR

p. 474

high-gloss silver	<b>B</b>	black (RAL 9005)	<b>N</b>
silver matte	<b>P</b>	glaring gold	<b>D</b>
high-gloss gold	<b>G</b>	capital copper	<b>R</b>
high-gloss copper	<b>K</b>	gunnery grey	<b>Y</b>
white (RAL 9016) *	<b>W</b>	black chrome matte	<b>C</b>

\*high output UGR > 19

## 4 DECORATIVE MASK COLOUR

high-gloss silver	<b>B</b>	black (RAL 9005)	<b>N</b>
silver matte	<b>P</b>	glaring gold	<b>D</b>
high-gloss gold	<b>G</b>	capital copper	<b>R</b>
high-gloss copper	<b>K</b>	gunnery grey	<b>Y</b>
white (RAL 9016)	<b>W</b>	black chrome matte	<b>C</b>

## 5 HOUSING COLOUR

	silver	<b>SI</b>
	white	<b>WS</b>
	black	<b>SW</b>
	RAL of your choice (p. 479)	

## 6 LED

	2700 K, CRI > 90	<b>927</b>
	3000 K, CRI > 90	<b>930</b>
	4000 K, CRI > 90	<b>940</b>
	2700-6500 K, dynamic white, CRI > 90	<b>HCL</b>

## 7 OUTPUT / CONTROL

	low output non-dim	<b>L1</b>
	high output non-dim	<b>H1</b>
	high output DALI	<b>H3</b>
	dynamic white	<b>X3</b>

## 8 BEAM ANGLE

	15°	<b>1</b>
	30°	<b>3</b>
	45°	<b>4</b>
	asymmetric / oval	<b>A</b>

S44 1 2-3 4 5 C1 6 7 8

S44E019-RDSWC1927H33 Recessed frame, 6 spots, lens tube capital cooper, mask glaring gold, housing black, 2700 K 30° beam angle, high output DALI (order sample)

**CONFIGURE ONLINE**

katalog.planlicht.com





## COMPARE LENS TUBES ANTO+ / RECESSED 8 SPOTS / HIGH OUTPUT DALI, DYNAMIC WHITE

lens tube	2700 K				3000 K				4000 K				dynamic white *			
	15°	30°	45°	asym.	15°	30°	45°	asym.	15°	30°	45°	asym.	15°	30°	45°	asym.
silver matte	1357 lm	1266 lm	1066 lm	1115 lm	1384 lm	1292 lm	1088 lm	1137 lm	1442 lm	1346 lm	1133 lm	1184 lm	658 lm	612 lm	526 lm	530 lm
high-gloss silver	1428 lm	1347 lm	1240 lm	1327 lm	1457 lm	1375 lm	1265 lm	1354 lm	1518 lm	1432 lm	1317 lm	1409 lm	693 lm	674 lm	613 lm	623 lm
white 9016	1392 lm	1313 lm	1141 lm	1201 lm	1421 lm	1340 lm	1164 lm	1225 lm	1480 lm	1396 lm	1212 lm	1275 lm	679 lm	656 lm	570 lm	573 lm
black 9005	1271 lm	1179 lm	918 lm	916 lm	1297 lm	1203 lm	936 lm	934 lm	1351 lm	1253 lm	974 lm	972 lm	623 lm	574 lm	447 lm	442 lm
high-gloss gold	1428 lm	1347 lm	1240 lm	1327 lm	1457 lm	1375 lm	1265 lm	1354 lm	1518 lm	1432 lm	1317 lm	1409 lm	693 lm	662 lm	612 lm	623 lm
high gloss copper	1392 lm	1313 lm	1215 lm	1267 lm	1421 lm	1340 lm	1240 lm	1293 lm	1480 lm	1396 lm	1290 lm	1346 lm	679 lm	658 lm	600 lm	592 lm
glaring gold	1299 lm	1212 lm	973 lm	1009 lm	1326 lm	1237 lm	993 lm	1029 lm	1381 lm	1289 lm	1034 lm	1071 lm	633 lm	594 lm	484 lm	479 lm
capital copper	1299 lm	1212 lm	942 lm	975 lm	1326 lm	1237 lm	961 lm	995 lm	1381 lm	1289 lm	1001 lm	1036 lm	626 lm	582 lm	469 lm	467 lm
gunnery grey	1299 lm	1212 lm	973 lm	1009 lm	1326 lm	1237 lm	993 lm	1029 lm	1381 lm	1289 lm	1034 lm	1071 lm	633 lm	598 lm	484 lm	479 lm
black chrome matte	1357 lm	1266 lm	1066 lm	1115 lm	1384 lm	1292 lm	1088 lm	1137 lm	1442 lm	1346 lm	1133 lm	1184 lm	658 lm	626 lm	526 lm	530 lm

\* dynamic white lumens = 2700 K, Lumens 6500 K ca. +11%

## OPTIONAL ACCESSORY

### S44-F-SET-MONT

anto+ De-/Montageset **frameless** (3 Teile)

anto+ Dis-/assembly kit **frameless** (3 parts)

anto+ Set de dé-/montage **sans cadre** (3 parties)

anto+ Kit di s-/montaggio **senza cornice** (3 parti)

## CUT OUT / WEIGHT (g)



	FRAME	↑ DALI	↑ non-dim	↑ HCL	FRAMELESS	↑ DALI	↑ non-dim	↑ HCL
<b>2 spots</b>	70x48,5 mm	X+160 mm/290 g	X+55 mm/180 g		73x52 mm	X+160 mm/340 g	X+70 mm/230 g	
<b>4 spots</b>	130x48,5 mm	X+90 mm/360 g	X+55 mm/260 g	X+191 mm/510 g	133x52 mm	X+90 mm/440 g	X+70 mm/340 g	X+191 mm/590 g
<b>6 spots</b>	190x48,5 mm	X+55 mm/470 g	X+55 mm/440 g	X+70 mm/590 g	193x52 mm	X+70 mm/570 g	X+70 mm/540 g	X+70 mm/690 g
<b>8 spots</b>	250x48,5 mm	X+55 mm/540 g	X+55 mm/520 g	X+70 mm/660 g	253x52 mm	X+70 mm/660 g	X+70 mm/640 g	X+70 mm/780 g
<b>12 spots</b>	370x48,5 mm	X+55 mm/700 g	X+55 mm/650 g	X+70 mm/800 g	373x52 mm	X+70 mm/860 g	X+70 mm/810 g	X+70 mm/960 g
<b>18 spots</b>	550x48,5 mm	X+70 mm/940 g	X+55 mm/840 g	X+70 mm/1030 g	553x52 mm	X+70 mm/1135 g	X+70 mm/1030 g	X+70 mm/1240 g



Inspiration

# diva

Einbaustrahler  
 Recessed spotlight  
 Projecteur encastré  
 Faretto da incasso



## 1 ROUND / SQUARE

	diva M (round) *	<b>110</b>
	diva M square	<b>10Q</b>
	diva S (round)	<b>078</b>
	diva S square	<b>07Q</b>

\*Some Versions UGR> 19

## 2 REFLECTOR COLOUR

	white matte
	black matte
	silver matte
	high-gloss silver
	high-gloss gold

## 3 HOUSING COLOUR

<b>W</b>		white	<b>WS</b>
<b>N</b>		black	<b>SW</b>
<b>P</b>			
<b>B</b>			
<b>G</b>			

## 4 LED

	3000 K, CRI > 90	<b>930</b>
	4000 K, CRI > 90	<b>940</b>

## 5 OUTPUT / CONTROL

		low output non-dim	<b>L1</b>
		high output non-dim	<b>H1</b>
		high output DALI	<b>H3</b>

## 6 REFLECTOR

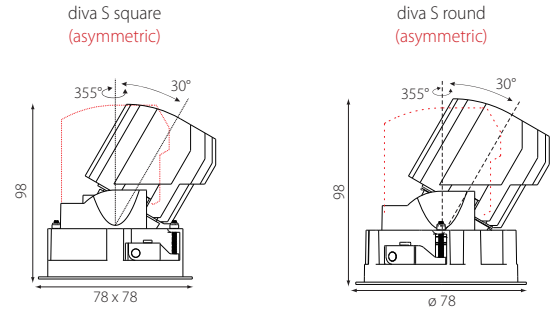
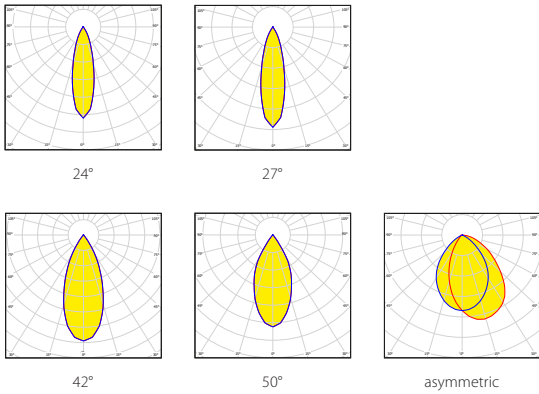
	24° (only diva S)	<b>2</b>
	27° (only diva M)	<b>2</b>
	42°	<b>4</b>
	50°	<b>5</b>
	asymmetric wallwasher (only diva M, silver matte)	<b>A</b>

S42E 1-N 2 3 C1 4 5 6

S42E110-NGWSC1940H34 diva M, white, reflector gold, 4000K, high output DALI, 42° (order sample)

**CONFIGURE ONLINE**

[katalog.planlicht.com](http://katalog.planlicht.com)



**CUT OUT**

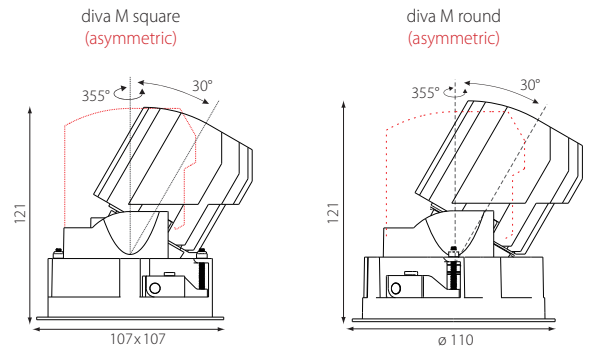
diva S	∅ 68 mm, ↑ 148 mm
diva S square	□ 68 × 68 mm, ↑ 148 mm

**LUMINOUS FLUX (LM) / SYSTEM POWER (W)**

diva M	low output (15W)				high output (20W)				
	27°	42°	50°	asym.	27°	42°	50°	asym.	
Reflector high-gloss silver									
LF930 3000K	951 lm	853 lm	947 lm	462 lm	1332 lm	1185 lm	1304 lm	633 lm	0,5 kg
LF940 4000K	1009 lm	904 lm	1003 lm	485 lm	1412 lm	1256 lm	1382 lm	664 lm	0,5 kg

diva S	low output (9,2W)			high output (13W)			
	24°	42°	50°	24°	42°	50°	
Reflector high-gloss silver							
LF930 3000K	605 lm	611 lm	531 lm	761 lm	764 lm	665 lm	0,3 kg
LF940 4000K	654 lm	650 lm	753 lm	802 lm	812 lm	698 lm	0,3 kg



**CUT OUT**

diva M	∅ 100 mm, ↑ 171 mm
diva M square	□ 96 × 96 mm, ↑ 171 mm





# cosmo

Einbaustrahler  
 Recessed spotlight  
 Projecteur encastré  
 Faretto da incasso



## 1 TYPE

	cosmo XL	<b>218</b>
	cosmo L	<b>160</b>



## 2 REFLECTOR COLOUR

	black matte	<b>N</b>
	silver matte	<b>P</b>





## 3 HOUSING COLOUR

	white	<b>WS</b>
	black	<b>SW</b>

## 4 LED

	3000 K, CRI > 90	<b>930</b>
	4000 K, CRI > 90	<b>940</b>

## 5 OUTPUT / CONTROL

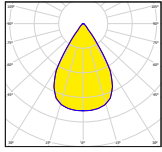
	low output non-dim	<b>L1</b>
	high output non-dim	<b>H1</b>
	high output DALI	<b>H3</b>
	very high output DALI	<b>V3</b>

S38E **1-L 2 3 Q1 4 5 6**

S38E218-LNWSQ1930V36 cosmo XL, white, reflector black, 3000 K, very high output DALI, 60° (order sample)

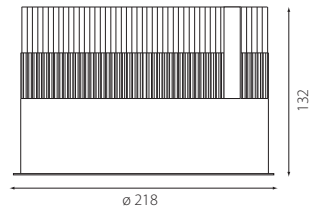
**CONFIGURE ONLINE**

katalog.planlicht.com



60°

cosmo XL

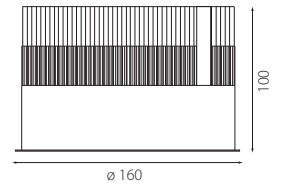


ø 218



**CUT OUT**  
ø 200 mm, ↑ 180 mm

cosmo L



ø 160



**CUT OUT**  
ø 150 mm, ↑ 150 mm

**LUMINOUS FLUX (LM) / SYSTEM POWER (W)**

cosmo XL	low output (26W)			high output (41W)	very high output (56W)	kg
	Reflector silver matte	60°	60°	60°	60°	
LF930 3000 K		2454 lm	3512 lm	4450 lm		1,7 kg
LF940 4000 K		2578 lm	3689 lm	4675 lm		1,7 kg

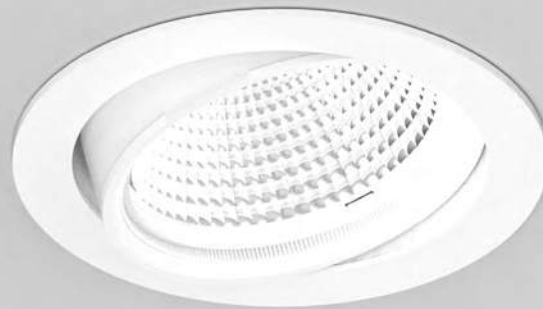
  

cosmo L	low output (20W)		high output (29W)	kg
	Reflector silver matte	60°	60°	
LF930 3000 K		1807 lm	2391 lm	0,9 kg
LF940 4000 K		1881 lm	2511 lm	0,9 kg



# meteor EB

Einbaustrahler  
Recessed spotlight  
Projecteur encastré  
Faretto da incasso



## 1 COLOUR



**WSWS**  
**SWSW**

## 2 LED



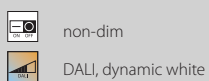
## 3 OUTPUT / CONTROL



low output  
medium output  
high output  
very high output  
dynamic white

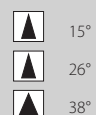
**L**  
**M**  
**H**  
**V**  
**X**

## 4 NON-DIM, DALI, DYNAMIC WHITE



**1**  
**3**

## 5 REFLECTOR



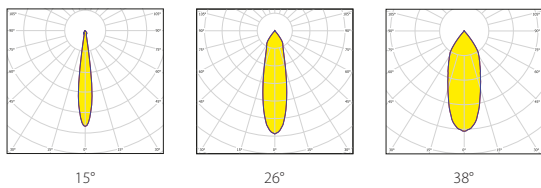
**1**  
**2**  
**3**

S32E157-1 C1 2 3 4 5

S32E157-SWSWC1935V33 black, LF935, very high output, 3000K, DALI, 38° (order sample)

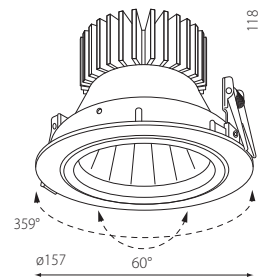
**CONFIGURE ONLINE**

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**CUT OUT**  
 ø 150 mm, ↑ 135 mm

**Weight (kg)**  
 0,8 kg



Reflektortausch werkzeuglos möglich.  
 Passive Kühlung. Komplettrahler inklusive Reflektor und Konverter.  
 Replacement of the reflector without any tools.  
 Passive cooling. Complete spotlight including reflector and converter.  
 Remplacement du réflecteur sans outil.  
 Refroidissement passif. Projecteur complet incluant réflecteur et convertisseur.  
 Sostituzione del riflettore senza utensili.  
 Raffreddamento passivo. Proiettore completo incluso riflettore e convertitore.

**LUMINOUS FLUX (LM) / SYSTEM POWER (W)**

	low output (19,5 - 20 W)			medium output (25 - 26 W)			high output (31 - 32 W)			very high output (41 - 42 W)			dynamic white (40 W)		
	15°	26°	38°	15°	26°	38°	15°	26°	38°	15°	26°	38°	15°	26°	38°
LF830 3000K	2587lm	2729lm	2727lm	3246lm	3429lm	3428lm	3850lm	4072lm	4073lm	4734lm	5021lm	5028lm			
LF840 4000K	2726lm	2880lm	2874lm	3426lm	3626lm	3618lm	4072lm	4318lm	4305lm	5028lm	5349lm	5330lm			
LF927 2700K	2104lm	2230lm	2222lm	2646lm	2802lm	2794lm	3145lm	3330lm	3322lm	3884lm	4111lm	4104lm			
LF930 3000K	2220lm	2392lm	2387lm	2799lm	3008lm	3003lm	3335lm	3577lm	3572lm	4140lm	4421lm	4416lm			
LF935 3500K	2288lm	2461lm	2452lm	2890lm	3107lm	3094lm	3454lm	3712lm	3693lm	4306lm	4623lm	4594lm			
LF940 4000K	2311lm	2487lm	2482lm	2908lm	3125lm	3122lm	3459lm	3712lm	3711lm	4277lm	4580lm	4588lm			
FAS	1932lm	2031lm	2027lm	2473lm	2596lm	2593lm	2996lm	3140lm	3138lm	3828lm	4001lm	4003lm			
BAC	1306lm	1377lm	1376lm	1664lm	1748lm	1748lm	2008lm	2100lm	2102lm	2545lm	2642lm	2648lm			
FLE	1310lm	1379lm	1378lm	1671lm	1754lm	1753lm	2017lm	2110lm	2108lm	2561lm	2663lm	2661lm			
WUR	1263lm	1327lm	1323lm	1614lm	1691lm	1687lm	1953lm	2037lm	2034lm	2486lm	2579lm	2579lm			
FIS	2048lm	2153lm	2149lm	2621lm	2753lm	2748lm	3176lm	3328lm	3326lm	4058lm	4241lm	4243lm			
FRU	1935lm	2031lm	2019lm	2439lm	2548lm	2534lm	2908lm	3023lm	3006lm	3610lm	3720lm	3698lm			
dynamic white													2431lm	2600lm	2576lm

**OPTIONAL ACCESSORY**

Honeycomb glare protection | S03-BLE-99

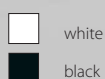


# meteor flip

Einbaustrahler  
Recessed spotlight  
Projecteur encastré  
Faretto da incasso



## 1 COLOUR

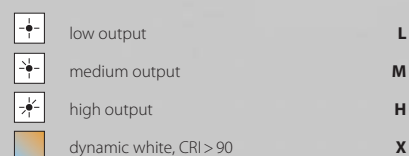


**WSWS**  
**SWSW**

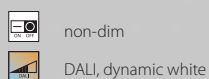
## 2 LED



## 3 OUTPUT / CONTROL

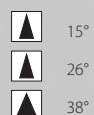


## 4 NON-DIM, DALI, DYNAMIC WHITE



**1**  
**3**

## 5 REFLECTOR



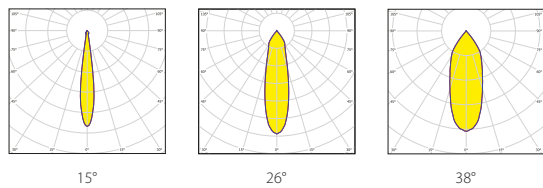
**1**  
**2**  
**3**

S03E180-1 C1 2 3 4 5

S03E180-WSWSC1930H31 white, LF930, high output, DALI, 15° (order sample)

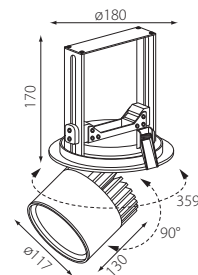
**CONFIGURE ONLINE**

katalog.planlicht.com



**CUT OUT**  
 ø 170 mm, ↑ 180 mm

**Weight (kg)**  
 1,3 kg



Reflektortausch werkzeuglos möglich.  
 Passive Kühlung. Komplettrahler inklusive Reflektor und Konverter.  
 Replacement of the reflector without any tools.  
 Passive cooling. Complete spotlight including reflector and converter.  
 Remplacement du réflecteur sans outil.  
 Refroidissement passif. Projecteur complet incluant réflecteur et convertisseur.  
 Sostituzione del riflettore senza utensili.  
 Raffreddamento passivo. Proiettore completo incluso riflettore e convertitore.

**LUMINOUS FLUX (LM) / SYSTEM POWER (W)**

	low output (19,5-20W)			medium output (25-26W)			high output (31-32W)			dynamic white (40W)		
	15°	26°	38°	15°	26°	38°	15°	26°	38°	15°	26°	38°
LF830 3000 K	2587 lm	2729 lm	2727 lm	3246 lm	3429 lm	3428 lm	3850 lm	4072 lm	4073 lm			
LF840 4000 K	2726 lm	2880 lm	2874 lm	3426 lm	3626 lm	3618 lm	4072 lm	4318 lm	4305 lm			
LF927 2700 K	2104 lm	2230 lm	2222 lm	2646 lm	2802 lm	2794 lm	3145 lm	3330 lm	3322 lm			
LF930 3000 K	2220 lm	2392 lm	2387 lm	2799 lm	3008 lm	3003 lm	3335 lm	3577 lm	3572 lm			
LF935 3500 K	2288 lm	2461 lm	2452 lm	2890 lm	3107 lm	3094 lm	3454 lm	3712 lm	3693 lm			
LF940 4000 K	2311 lm	2487 lm	2027 lm	2908 lm	3125 lm	3122 lm	3459 lm	3712 lm	3711 lm			
FAS	1932 lm	2031 lm	2027 lm	2473 lm	2596 lm	2593 lm	2996 lm	3140 lm	3138 lm			
BAC	1306 lm	1377 lm	1376 lm	1664 lm	1748 lm	1748 lm	2008 lm	2100 lm	2102 lm			
FLE	1310 lm	1379 lm	1378 lm	1671 lm	1754 lm	1753 lm	2017 lm	2110 lm	2108 lm			
WUR	1263 lm	1327 lm	1323 lm	1614 lm	1691 lm	1687 lm	1953 lm	2037 lm	2034 lm			
FIS	2048 lm	2153 lm	2149 lm	2621 lm	2753 lm	2748 lm	3176 lm	3328 lm	3326 lm			
FRU	1935 lm	2031 lm	2019 lm	2439 lm	2548 lm	2534 lm	2908 lm	3023 lm	3006 lm			
dynamic white										2431 lm	2600 lm	2576 lm

**OPTIONAL ACCESSORY**

Honeycomb glare protection | S03-BLE-99



# mizar

Einbaudownlight  
 Recessed downlight  
 Projecteur downlight  
 Faretto da incasso



## 1 TYPE



mizar

138



mizar M

165

## 2 COLOUR



white



black



silver

**WSWS**

**SWSW**

**SISI**

## 3 LED



3000 K, CRI > 80

830



4000 K, CRI > 80

840



2700 K, CRI > 90

927



3000 K, CRI > 90

930



3500 K, CRI > 90

935



4000 K, CRI > 90

940



dynamic white, CRI > 90

HCL

## 4 OUTPUT



low output

**L**



medium output

**M**



high output

**H**



very high output

**V**



dynamic white

**X**

## 5 NON-DIM, DALI, DYNAMIC WHITE



non-dim

**1**



DALI, dynamic white

**3**

## 5 REFLECTOR



20°

**2**



40°

**4**



60°

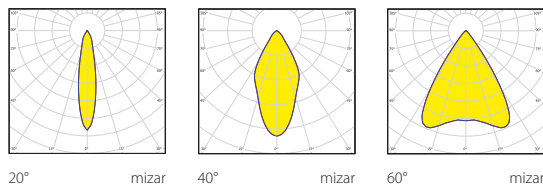
**6**

S34E **1-2-P1 3 4 5 6**

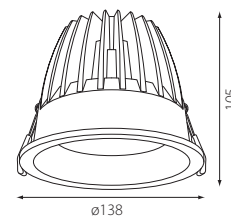
S34E138-WSWP1HCLX34 mizar, white, dynamic white, DALI, 40° (order sample)

**CONFIGURE ONLINE**

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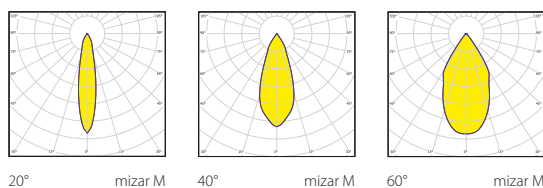


**CUT OUT**  
 ø 125 mm, ↑ 120 mm  
**Weight (kg)**  
 0,8 kg

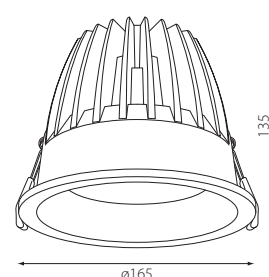


**LUMINOUS FLUX (LM) / SYSTEM POWER (W)**

mizar	low output (15W)			medium output (18,5 - 19W)			high output (23W)			very high output (34W)			dynamic white (40W)		
	20°	40°	60°	20°	40°	60°	20°	40°	60°	20°	40°	60°	20°	40°	60°
LF830 3000K	1826lm	1707lm	1816lm	2244lm	2096lm	2232lm	2647lm	2470lm	2631lm	3760lm	3505lm	3739lm			
LF840 4000K	1965lm	1833lm	1959lm	2417lm	2254lm	2410lm	2855lm	2661lm	2845lm	4074lm	3791lm	4058lm			
LF927 2700K	1472lm	1431lm	1473lm	1815lm	1749lm	1813lm	2148lm	2051lm	2142lm	3089lm	2863lm	3062lm			
LF930 3000K	1569lm	1486lm	1587lm	1933lm	1831lm	1955lm	2285lm	2165lm	2310lm	3270lm	3102lm	3309lm			
LF935 3500K	1639lm	1544lm	1643lm	2016lm	1901lm	2023lm	2378lm	2246lm	2388lm	3388lm	3216lm	3412lm			
LF940 4000K	1649lm	1550lm	1656lm	2030lm	1908lm	2037lm	2397lm	2255lm	2405lm	3426lm	3223lm	3432lm			
dynamic white													2255lm	2104lm	2245lm



**CUT OUT**  
 ø 150 mm, ↑ 150 mm  
**Weight (kg)**  
 1,1 kg



**LUMINOUS FLUX (LM) / SYSTEM POWER (W)**

mizar M	low output (15 - 15,5W)			medium output (23W)			high output (30W)			very high output (38W)			dynamic white (40W)		
	20°	40°	60°	20°	40°	60°	20°	40°	60°	20°	40°	60°	20°	40°	60°
LF830 3000K	1897lm	1880lm	1962lm	2777lm	2745lm	2862lm	3612lm	3562lm	3707lm	4400lm	4329lm	4499lm			
LF840 4000K	2046lm	2024lm	2124lm	2991lm	2952lm	3090lm	3884lm	3824lm	3992lm	4725lm	4641lm	4831lm			
LF927 2700K	1539lm	1517lm	1537lm	2246lm	2211lm	2244lm	2913lm	2862lm	2911lm	3537lm	3470lm	3535lm			
LF930 3000K	1662lm	1643lm	1722lm	2433lm	2399lm	2515lm	3164lm	3111lm	3264lm	3854lm	3780lm	3968lm			
LF935 3500K	1707lm	1693lm	1772lm	2500lm	2475lm	2593lm	3253lm	3216lm	3372lm	3965lm	3914lm	4109lm			
LF940 4000K	1721lm	1705lm	1762lm	2519lm	2490lm	2590lm	3276lm	3230lm	3385lm	3990lm	3927lm	4143lm			
dynamic white													2323lm	2301lm	2352lm

Komplettstrahler inklusive Reflektor und Converter.  
 Complete spotlight including reflector and converter.  
 Projecteur complet incluant réflecteur et convertisseur.  
 Proiettore completo incluso riflettore e convertitore.





# taurus




Einbaustrahler  
Recessed spotlight  
Projecteur encastré  
Faretto da incasso










## 1 TYPE

	taurus	<b>162</b>
	taurus M	<b>188</b>






## 2 COLOUR

	white
	black
	silver



## 3 LED

<b>WSWS</b>		3000 K, CRI > 80	<b>830</b>
<b>SWSW</b>		4000 K, CRI > 80	<b>840</b>
<b>SISI</b>		2700 K, CRI > 90	<b>927</b>
		3000 K, CRI > 90	<b>930</b>
		3500 K, CRI > 90	<b>935</b>
		4000 K, CRI > 90	<b>940</b>
		dynamic white, CRI > 90	<b>HCL</b>

## 4 OUTPUT

	low output	<b>L</b>
	medium output	<b>M</b>
	high output	<b>H</b>
	very high output (only taurus M)	<b>V</b>
	dynamic white	<b>X</b>

## 5 NON-DIM, DALI, DYNAMIC WHITE

	non-dim	<b>1</b>
	DALI, dynamic white	<b>3</b>

## 5 REFLECTOR

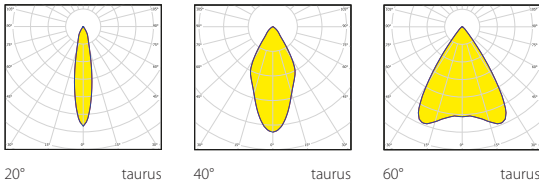
	20°	<b>2</b>
	40°	<b>4</b>
	60°	<b>6</b>

S35E1-2C13456

S35E162-SWSWC1940H16 taurus, black, high output, 3000 K, CRI > 90, DALI, 60° (order sample)

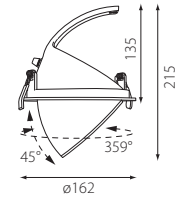
CONFIGURE ONLINE

katalog.planlicht.com



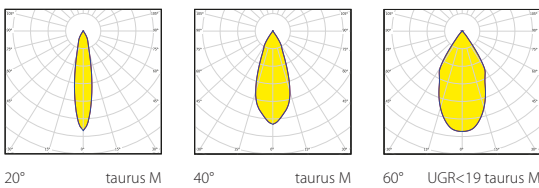
**CUT OUT**  
 ø 150 mm, ↑ 150 mm

**Weight (kg)**  
 0,9 kg



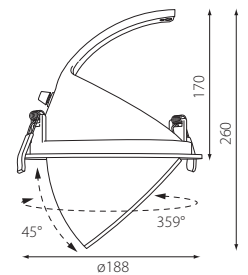
**LUMINOUS FLUX (LM) / SYSTEM POWER (W)**

taurus	low output (15W)			medium output (18,5 - 19W)			high output (23W)			dynamic white (40W)		
	20°	40°	60°	20°	40°	60°	20°	40°	60°	20°	40°	60°
LF830 3000K	1826lm	1707lm	1816lm	2244lm	2096lm	2232lm	2647lm	2470lm	2631lm			
LF840 4000K	1965lm	1833lm	1959lm	2417lm	2254lm	2410lm	2855lm	2661lm	2845lm			
LF927 2700K	1472lm	1431lm	1473lm	1815lm	1749lm	1813lm	2148lm	2051lm	2142lm			
LF930 3000K	1569lm	1486lm	1587lm	1933lm	1831lm	1955lm	2285lm	2165lm	2310lm			
LF935 3500K	1639lm	1544lm	1643lm	2016lm	1901lm	2023lm	2378lm	2246lm	2388lm			
LF940 4000K	1649lm	1550lm	1656lm	2030lm	1908lm	2037lm	2397lm	2255lm	2405lm			
dynamic white										2255lm	2104lm	2245lm



**CUT OUT**  
 ø 175 mm, ↑ 180 mm

**Weight (kg)**  
 1,2 kg



**LUMINOUS FLUX (LM) / SYSTEM POWER (W)**

taurus M	low output (15 - 15,5W)			medium output (19W)			high output (23W)			very high output (32W)			dynamic white (40W)		
	20°	40°	60°	20°	40°	60°	20°	40°	60°	20°	40°	60°	20°	40°	60°
LF830 3000K	1897lm	1880lm	1962lm	2343lm	2319lm	2419lm	2777lm	2745lm	2862lm	3813lm	3758lm	3911lm			
LF840 4000K	2046lm	2024lm	2124lm	2525lm	2494lm	2615lm	2991lm	2952lm	3090lm	4099lm	4034lm	4208lm			
LF927 2700K	1538lm	1517lm	1537lm	1898lm	1870lm	1896lm	2246lm	2211lm	2244lm	3073lm	3018lm	3070lm			
LF930 3000K	1662lm	1643lm	1722lm	2053lm	2027lm	2124lm	2433lm	2399lm	2515lm	3340lm	3283lm	3444lm			
LF935 3500K	1707lm	1693lm	1772lm	2108lm	2089lm	2188lm	2500lm	2475lm	2593lm	3434lm	3394lm	3561lm			
LF940 4000K	1721lm	1705lm	1762lm	2126lm	2103lm	2180lm	2519lm	2490lm	2590lm	3458lm	3409lm	3577lm			
dynamic white													2323lm	2301lm	2352lm

Komplettstrahler inklusive Reflektor und Converter.  
 Complete spotlight including reflector and converter.  
 Projecteur complet incluant réflecteur et convertisseur.  
 Proiettore completo incluso riflettore e convertitore.





## 1 TYPE



metis

145



metis M

180

## 2 COLOUR



white



black



silver

**WSWS**

**SWSW**

**SISI**

## 3 LED



3000 K, CRI > 80

830



4000 K, CRI > 80

840



2700 K, CRI > 90

927



3000 K, CRI > 90

930



3500 K, CRI > 90

935



4000 K, CRI > 90

940



dynamic white, CRI > 90

HCL

## 4 OUTPUT



low output

**L**



medium output

**M**



high output

**H**



very high output (only metis M)

**V**



dynamic white

**X**

## 5 NON-DIM, DALI, DYNAMIC WHITE



non-dim

**1**



DALI, dynamic white

**3**

## 5 REFLECTOR



20°

**2**



40°

**4**



60°

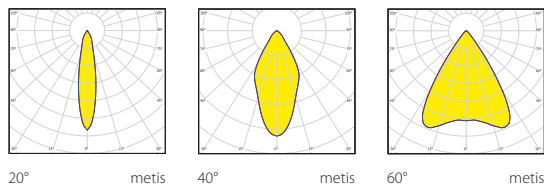
**6**

S37E **1-2 C1 3 4 5 6**

S37E145-SISIC1840M32 metis, silver, medium output, 4000 K, CRI > 80, DALI, 20° (order sample)

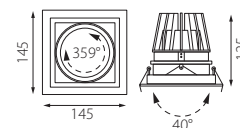
**CONFIGURE ONLINE**

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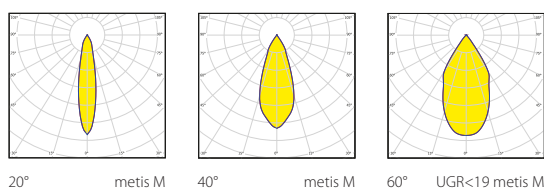
**CUT OUT**  
 □ 125 × 125 mm, ↑ 140 mm

**Weight (kg)**  
 0,9 kg



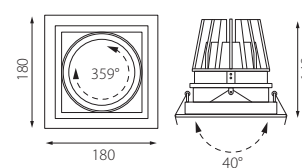
**LUMINOUS FLUX (LM) / SYSTEM POWER (W)**

metis	low output (15W)			medium output (18,5-19W)			high output (23W)			dynamic white (40W)		
	20°	40°	60°	20°	40°	60°	20°	40°	60°	20°	40°	60°
LF830 3000 K	1826 lm	1707 lm	1816 lm	2244 lm	2096 lm	2232 lm	2647 lm	2470 lm	2631 lm			
LF840 4000 K	1965 lm	1833 lm	1959 lm	2417 lm	2254 lm	2410 lm	2855 lm	2661 lm	2845 lm			
LF927 2700 K	1472 lm	1431 lm	1473 lm	1815 lm	1749 lm	1813 lm	2148 lm	2051 lm	2142 lm			
LF930 3000 K	1569 lm	1486 lm	1587 lm	1933 lm	1831 lm	1955 lm	2285 lm	2165 lm	2310 lm			
LF935 3500 K	1639 lm	1544 lm	1643 lm	2016 lm	1901 lm	2023 lm	2378 lm	2246 lm	2388 lm			
LF940 4000 K	1649 lm	1550 lm	1656 lm	2030 lm	1908 lm	2037 lm	2397 lm	2255 lm	2405 lm			
dynamic white										2255 lm	2104 lm	2245 lm



**CUT OUT**  
 □ 155 × 155 mm, ↑ 165 mm

**Weight (kg)**  
 1,3 kg



**LUMINOUS FLUX (LM) / SYSTEM POWER (W)**

metis M	low output (13-13,5W)			medium output (18,5-19W)			high output (23W)			very high output (26-27W)			dynamic white (40W)		
	20°	40°	60°	20°	40°	60°	20°	40°	60°	20°	40°	60°	20°	40°	60°
LF830 3000 K	1670 lm	1655 lm	1729 lm	2343 lm	2319 lm	2419 lm	2777 lm	2746 lm	2861 lm	3200 lm	3160 lm	3291 lm			
LF840 4000 K	1802 lm	1783 lm	1872 lm	2525 lm	2494 lm	2615 lm	2991 lm	2952 lm	3090 lm	3444 lm	3395 lm	3549 lm			
LF927 2700 K	1356 lm	1337 lm	1354 lm	1898 lm	1870 lm	1896 lm	2246 lm	2211 lm	2245 lm	2585 lm	2542 lm	2583 lm			
LF930 3000 K	1463 lm	1448 lm	1516 lm	2053 lm	2027 lm	2124 lm	2433 lm	2399 lm	2515 lm	2803 lm	2761 lm	2895 lm			
LF935 3500 K	1502 lm	1490 lm	1560 lm	2108 lm	2089 lm	2188 lm	2501 lm	2476 lm	2593 lm	2882 lm	2852 lm	2988 lm			
LF940 4000 K	1515 lm	1502 lm	1549 lm	2126 lm	2103 lm	2180 lm	2520 lm	2489 lm	2591 lm	2904 lm	2865 lm	2992 lm			
dynamic white													2323 lm	2301 lm	2352 lm











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 Projecteur complet incluant réflecteur et convertisseur.  
 Proiettore completo incluso riflettore e convertitore.



# leda

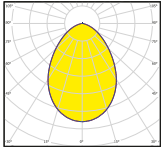
Einbaudownlight  
Recessed downlight  
Projecteur downlight  
Faretto da incasso



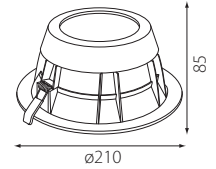
1 TYPE	2 COLOUR	3 LED	3 ORDER NUMBER
 leda	 white	 3000 K, CRI > 90	761-0003-V2
	 white	 4000 K, CRI > 90	761-0006-V2
 leda M	 white	 3000 K, CRI > 90	761-0005-V2
	 white	 4000 K, CRI > 90	761-0006-V2

**CONFIGURE ONLINE**

[katalog.planlicht.com](http://katalog.planlicht.com)



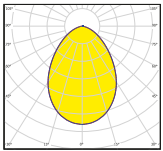
**CUT OUT**  
 $\varnothing$  175-200 mm,  
 $\uparrow$  95 mm



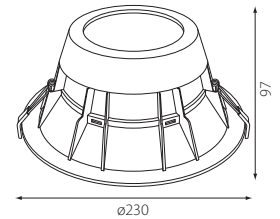
leda		3000 K	4000 K
250 mA/DC	10W	1268 lm	1369 lm
350 mA/DC	14W	1718 lm	1855 lm
500 mA/DC	21W	2331 lm	2516 lm
700 mA/DC	30W	3033 lm	3274 lm

**ELECTRICAL SPECIFICATION**

	$V_{fmin}$	$V_{fmax}$
LED power consumption @ 250 mA	8,9W	33,4V   38,2V
LED power consumption @ 350 mA	12,7W	33,9V   38,8V
LED power consumption @ 500 mA	18,6W	34,7V   39,7V
LED power consumption @ 700 mA	26,7W	35,6V   40,8V



**CUT OUT**  
 $\varnothing$  200-220 mm,  
 $\uparrow$  105 mm



leda M		3000 K	4000 K
250 mA/DC	10W	1357 lm	1472 lm
350 mA/DC	14W	1843 lm	1999 lm
500 mA/DC	21W	2512 lm	2724 lm
700 mA/DC	30W	3290 lm	3568 lm

**ELECTRICAL SPECIFICATION**

	$V_{fmin}$	$V_{fmax}$
LED power consumption @ 250 mA	8,9W	33,4V   38,2V
LED power consumption @ 350 mA	12,7W	33,9V   38,8V
LED power consumption @ 500 mA	18,6W	34,7V   39,7V
LED power consumption @ 700 mA	26,7W	35,6V   40,8V

**RECOMMENDED DRIVERS**

























	non-dim	DALI
250 mA/DC	3587500627	3587500921-0250MA
350 mA/DC	3587500627	3587500921-0350MA
500 mA/DC	3528002496	3587500922-0500MA
700 mA/DC	3587500605	3587500923-0700MA



# oslo / toulon

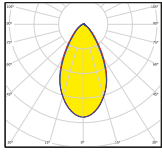
Einbaustrahler  
 Recessed spotlight  
 Projecteur encastré  
 Faretto da incasso



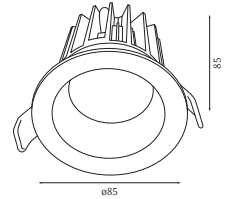
1 TYPE	2 COLOUR	3 LED	4 ORDER NUMBER
 oslo	 white	 2700 K, CRI > 90	740119WS-27K-V1
		 3000 K, CRI > 90	740119WS-30K-V1
		 4000 K, CRI > 90	740119WS-40K-V1
 toulon	 white	 2700 K, CRI > 90	761-0001WS-27K-V3
	 black	 2700 K, CRI > 90	761-0001SW-27K-V3
	 silver	 2700 K, CRI > 90	761-0001SI-27K-V3
	 white	 3000 K, CRI > 90	761-0001WS-30K-V3
	 black	 3000 K, CRI > 90	761-0001SW-30K-V3
	 silver	 3000 K, CRI > 90	761-0001SI-30K-V3
	 white	 4000 K, CRI > 90	761-0001WS-40K-V3
	 black	 4000 K, CRI > 90	761-0001SW-40K-V3
	 silver	 4000 K, CRI > 90	761-0001SI-40K-V3

● CONFIGURE ONLINE

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CUT OUT  
 ø 75 mm, ↑ 90 mm



OSLO

LUMINOUS FLUX (LM)

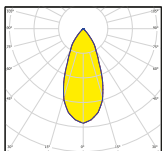
2700 K	952 lm	15,5 W
3000 K	981 lm	15,5 W
4000 K	1051 lm	15,5 W

ELECTRICAL SPECIFICATION

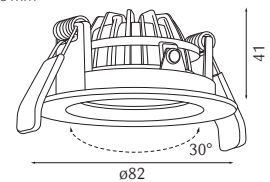
LED power consumption @ 350 mA	13,5 W
V <sub>fmin</sub>	35,5 V
V <sub>fmax</sub>	41,5 V

RECOMMENDED DRIVERS

	non-dim	DALI
350 mA/DC	3528002496	3587500921-0350MA



CUT OUT  
 ø 68 mm, ↑ 45 mm



TOULON

LUMINOUS FLUX (LM)

	white	silver	black	
2700 K	580 lm	564 lm	552 lm	7,4 W
3000 K	650 lm	631 lm	604 lm	7,4 W
4000 K	705 lm	663 lm	672 lm	7,4 W

ELECTRICAL SPECIFICATION

LED power consumption @ 350 mA	6,1 W
V <sub>fmin</sub>	16,3 V
V <sub>fmax</sub>	18,7 V

RECOMMENDED DRIVERS

	non-dim	DALI
350 mA/DC	3587500274	3587500921-0350MA

ACCESSORIES

Protective glass IP44

761-0002























































# spot 85 RZ / spot 90 EZ

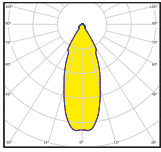
Einbaustrahler  
Recessed spotlight  
Projecteur encastré  
Faretto da incasso



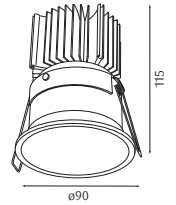
1 TYPE	2 COLOUR	3 LED	4 ORDER NUMBER	
 spot 85 RZ	 white	 2700 K, CRI > 80	740115WS-27K	
	 black	 2700 K, CRI > 80	740115SW-27K	
	 white	 3000 K, CRI > 90	740115WS-930	
	 black	 3000 K, CRI > 90	740115SW-930	
	 white	 4000 K, CRI > 90	740115WS-940	
	 black	 4000 K, CRI > 90	740115SW-940	
	 white	 2700 K, CRI > 80	740115WS-27K-IP44	
	 black	 2700 K, CRI > 80	740115SW-27K-IP44	
	 white	 3000 K, CRI > 90	740115WS-930-IP44	
	 black	 3000 K, CRI > 90	740115SW-930-IP44	
	 white	 4000 K, CRI > 90	740115WS-930-IP44	
	 black	 4000 K, CRI > 90	740115SW-930-IP44	
	 spot 90 EZ	 white	 2700 K, CRI > 80	740114WS-27K
		 black	 2700 K, CRI > 80	740114SW-27K
 white		 3000 K, CRI > 90	740114WS-930	
 black		 3000 K, CRI > 90	740114SW-930	
 white		 4000 K, CRI > 90	740114WS-930	
 black		 4000 K, CRI > 90	740114SW-930	
 white		 2700 K, CRI > 80	740114WS-27K-IP44	
 black		 2700 K, CRI > 80	740114SW-27K-IP44	
 white		 3000 K, CRI > 90	740114WS-930-IP44	
 black		 3000 K, CRI > 90	740114SW-930-IP44	
 white		 4000 K, CRI > 90	740114WS-940-IP44	
 black		 4000 K, CRI > 90	740114SW-940-IP44	

● CONFIGURE ONLINE

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CUT OUT  
 ø80 mm, ↑ 130 mm

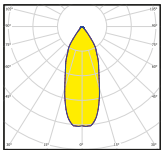


**LUMINOUS FLUX (LM)**

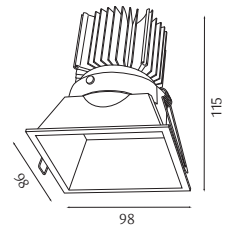
spot 85 RZ	IP20 / 14,5 W	IP44 / 14,5 W
2700 K CRI > 80	1350 lm	1090 lm
3000 K CRI > 90	1157 lm	995 lm
4000 K CRI > 90	1128 lm	970 lm

**ELECTRICAL SPECIFICATION**

LED power consumption @ 350 mA	13 W
$V_{fmin}$	34,7 V
$V_{fmax}$	39,7 V



CUT OUT  
 □ 84 x 84 mm,  
 ↑ 130 mm



**LUMINOUS FLUX (LM)**

spot 90 EZ	IP20 / 14,5 W	IP44 / 14,5 W
2700 K CRI > 80	1372 lm	1180 lm
3000 K CRI > 90	1177 lm	1074 lm
4000 K CRI > 90	1184 lm	1082 lm

**ELECTRICAL SPECIFICATION**

LED power consumption @ 350 mA	13 W
$V_{fmin}$	34,7 V
$V_{fmax}$	39,7 V

**RECOMMENDED DRIVERS**

	non-dim	DALI
350 mA/DC	3528002496	3587500921-0350MA



# spot 82

Einbaustrahler  
 Recessed spotlight  
 Projecteur encastré  
 Faretto da incasso




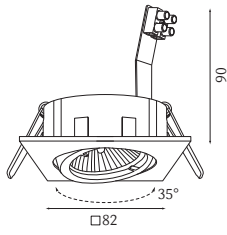
1 TYPE	2 COLOUR	3 ORDER NUMBER	1 TYPE	2 COLOUR	3 ORDER NUMBER
 spot 82 R	 white	740015WS-V1	 spot 82 E	 white	740016WS-V1
	 black	740015SW-V1		 black	740016SW-V1
	 pearl chrome	740015PC		 pearl chrome	740016PC
	 chrome	740015CR		 brushed nickel	740016NG
	 brass	740015MS		 chrome	740016CR
	 brushed nickel	740015NG			
	 bronze	740015BG			

● **CONFIGURE ONLINE**

[katalog.planlicht.com](http://katalog.planlicht.com)

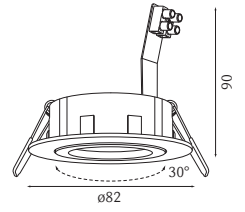
spot 82 E


 Cut out  
 ø68 mm, ↑ 100 mm



spot 82 R

 CUT OUT  
 ø68 mm, ↑ 100 mm



 max. 50W Gu5,3 12V

**ACCESSORIES**

Gu10 Conversion kit 230V/AC 740024

 max. 50W Gu10/PAR16

**LAMP GU10**

54P929002495902	LED Gu10 dim	4W	2700K	345 lm	36°
54P929002068302	LED Gu10 dim	4W	3000K	345 lm	36°



# SYSTEMS

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Systeme  
*Systems*  
Systèmes  
*Sistemi*

2.5



**P. THIRTY** *NEW*  
minimalistic profile system  
p. 386



**PURE 3**  
our most flexible profile system  
p. 400



**P. FORTY**  
light technology meets eye comfort  
p. 392



**SINUS**  
individual curves, based on pure 3  
p. 408



**PURE 3 TRIFLECT** *NEW*  
profile with integrated downlight  
p. 410



**ZENIT S INSETS**  
powerful spot lights for pure 3 & p.40  
p. 416



**ANTO + INSET**  
downlight as a piece of jewellery  
p. 412

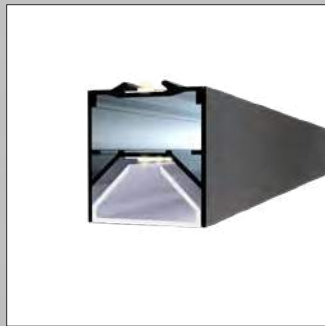
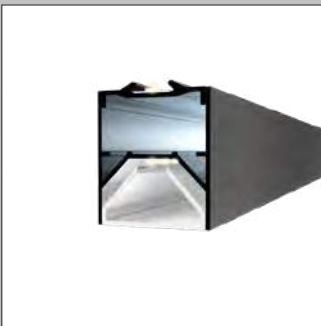


**ZENIT XS INSETS**  
minimalistic spot lights for pure 3  
p. 418





**DIFFERENT SHAPES / DIFFUSORS**

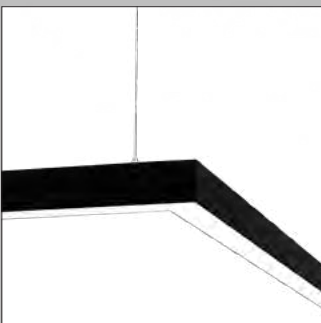


**DIFFERENT HOUSING COLOURS**

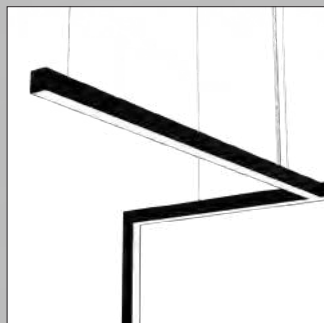




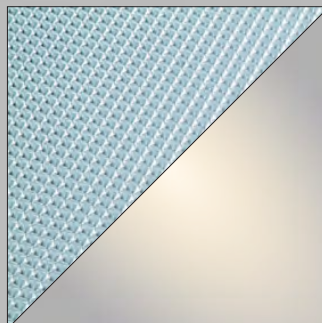
90° CONNECTORS



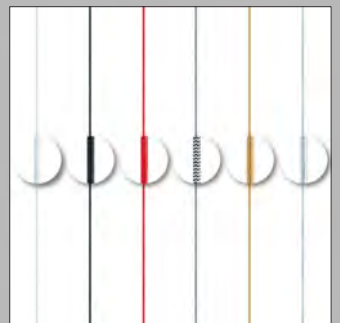
MIX & MATCH MOUNTING TYPES



DIFFERENT DIFFUSORS



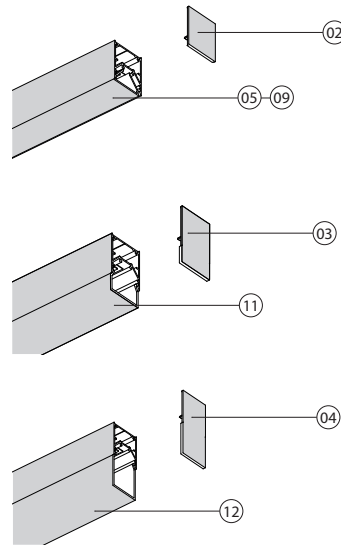
DIFFERENT COLOUR CABLES








## 01 PROFILE HOUSING




-  P30-PRO1-9006
-  P30-PRO1-9016
-  P30-PRO1-9005






## 02 END CAP

-  P30-END-B-9006
-  P30-END-B-9016
-  P30-END-B-9005





## 03 END CAP

-  P30-END-BU-9006
-  P30-END-BU-9016
-  P30-END-BU-9005

## 04 END CAP



-  P30-END-BQ-9006
-  P30-END-BQ-9016
-  P30-END-BQ-9005

## DIFFUSOR

-  P30-DIF-S (satiné)
-  P30-DIF-M (microprism)
-  P30-DIF-SU U-shaped satiné (15 mm)
-  P30-DIF-SQ U-shaped satiné (34 mm)

Meterware; Maximale Länge: 4500 mm  
Sold by the metre; maximum length: 4500 mm  
Marchandise vendue au mètre; longueur max. 4500 mm  
Articolo a metraggio; lunghezza max. 4500 mm

## 09 BLANK COVER

-  P30-BLI-9006
-  P30-BLI-9016
-  P30-BLI-9005



Meterware  
Sold by the metre  
Marchandise vendue au mètre  
Articolo a metraggio

## 10 BLANK COVER

-  P30-BLI2-9006
-  P30-BLI2-9016
-  P30-BLI2-9005




Meterware  
Sold by the metre  
Marchandise vendue au mètre  
Articolo a metraggio

## 11 BLANK COVER U-SHAPED (15 MM)

-  P30-BLU-9006
-  P30-BLU-9016
-  P30-BLU-9005

Meterware  
Sold by the metre  
Marchandise vendue au mètre  
Articolo a metraggio

## 12 BLANK COVER U-SHAPED (34 MM)

-  P30-BLQ-9006
-  P30-BLQ-9016
-  P30-BLQ-9005

Meterware  
Sold by the metre  
Marchandise vendue au mètre  
Articolo a metraggio

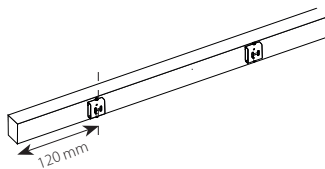
## 13 SURFACE MOUNT PROFILE

-  P30-BLI2-ALU

Meterware  
Sold by the metre  
Marchandise vendue au mètre  
Articolo a metraggio

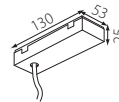
## 14 WALL MOUNTING BRACKET

P30-WAB-M-1



## 15 POWER SUPPLY WITH CANOPY

P30-EIN-3	0,75 mm <sup>2</sup>	3-pole
P30-EIN-5	0,75 mm <sup>2</sup>	5-pole
1750 mm		



## 16 SUSPENSION CABLE WITH RAPID TENSIONER

P30-SEI-150	1500 mm
P30-SEI-600	6000 mm

## 17 SEGMENT CONNECTOR

P30-LIN












## 18 FEED-THROUGH WIRING FOR BLANK COVER

P30-DV-BLI  
Meterware  
Sold by the metre  
Marchandise vendue au mètre  
Articolo a metraggio

## 19 CABLE SET

P30-DVS  
5-polig für Dimmung  
5-pole for dimming  
5 pôles pour gradation  
5-poli per smorzare

**20 POWER SUPPLY WITH CANOPY**

	P30-EIN-BLACK	0,75 mm <sup>2</sup>	5-pole
	P30-EIN-GOLD	0,75 mm <sup>2</sup>	5-pole
	P30-EIN-IRON	0,75 mm <sup>2</sup>	5-pole
	P30-EIN-RED	0,75 mm <sup>2</sup>	5-pole
	P30-EIN-SILVER	0,75 mm <sup>2</sup>	5-pole
	P30-EIN-WHITE	0,75 mm <sup>2</sup>	5-pole
	<i>1750mm</i>		
	P30-EIN-BLACK-6M	0,75 mm <sup>2</sup>	5-pole
	P30-EIN-GOLD-6M	0,75 mm <sup>2</sup>	5-pole
	P30-EIN-RED-6M	0,75 mm <sup>2</sup>	5-pole
	P30-EIN-SILVER-6M	0,75 mm <sup>2</sup>	5-pole
	P30-EIN-WHITE-6M	0,75 mm <sup>2</sup>	5-pole
	<i>6000mm</i>		

**21 L-CONNECTOR HORIZONTAL**

Configure on p. 390

**22 L-CONNECTOR VERTICAL**

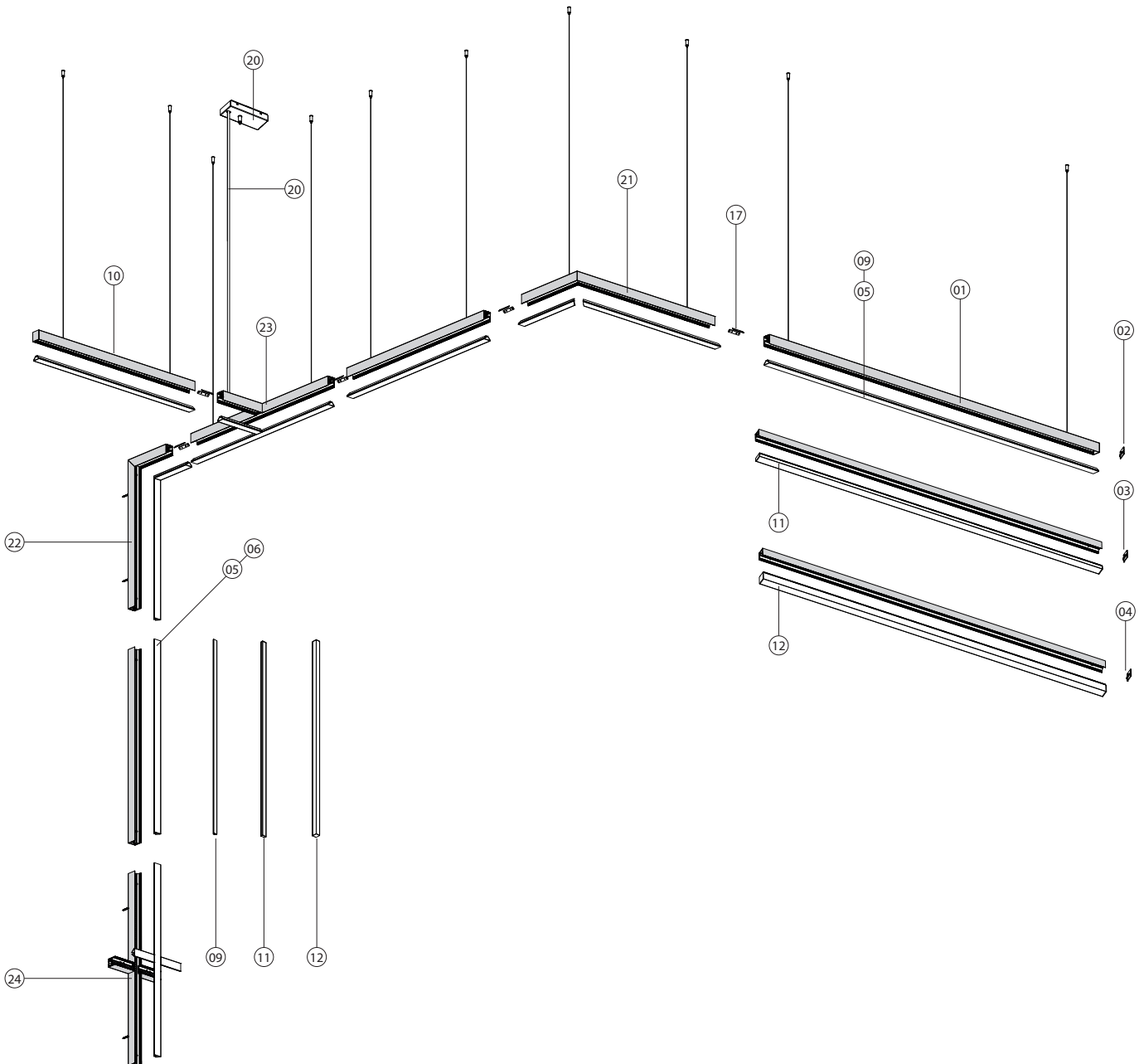
Configure on p. 390

**23 T-CONNECTOR**




Configure on p. 390

**24 X-CONNECTOR**



Configure on p. 390






**1 MOUNTING**

-  Surface mounted
-  Pendant
-  Wall mounted







**4 DIRECT / INDIRECT**

-  direct
-  direct/indirect





**5 LED**

-  LF927 2700 K, Ra > 90 **927**
-  LF930 3000 K, Ra > 90 **930**
-  LF940 4000 K, Ra > 90 **940**






**6 OUTPUT / CONTROL**

-   low output non-dim **L1**
-   low output DALI **L3**
-   high output DALI **H3**

**7 OPTIC**

-  satiné **S**
-  microprism **M**
-  satiné U-shaped (15 mm) **U**
-  satiné U-shaped (34 mm) **Q**

**3 COLOUR**

- A**  silver **9006**
- H**  white **9016**
- W**  black **9005**
-  RAL of your choice (p. 479) 

**2 FORM / SIZE**

<b>1</b>	Segment L-Form, horizontal	<b>LFH</b>	Linear segment 2254 mm	<b>225</b>
<b>2</b>	Segment L-Form, vertical (not H)	<b>LFV</b>	Linear segment 2344 mm	<b>234</b>
	Segment T-Form, horizontal (not W)	<b>TFH</b>	Linear segment 2434 mm	<b>243</b>
	Segment X-Form, horizontal (not W)	<b>XFH</b>	Linear segment 2524 mm	<b>252</b>
	Linear segment 542 mm (only L1, direct)	<b>054</b>	Linear segment 2614 mm	<b>261</b>
	Linear segment 632 mm (only L1, direct)	<b>063</b>	Linear segment 2704 mm	<b>270</b>
	Linear segment 722 mm	<b>072</b>	Linear segment 2794 mm	<b>279</b>
	Linear segment 812 mm	<b>081</b>	Linear segment 2884 mm	<b>288</b>
	Linear segment 902 mm	<b>090</b>	Linear segment 2974 mm	<b>297</b>
	Linear segment 992 mm (not di/id)	<b>099</b>	Linear segment 3064 mm	<b>306</b>
	Linear segment 1082 mm (not di/id)	<b>108</b>	Linear segment 3156 mm	<b>315</b>
	Linear segment 1172 mm (not di/id)	<b>117</b>	Linear segment 3246 mm	<b>324</b>
	Linear segment 1262 mm	<b>126</b>	Linear segment 3336 mm	<b>333</b>
	Linear segment 1352 mm	<b>135</b>	Linear segment 3426 mm	<b>342</b>
	Linear segment 1442 mm	<b>144</b>	Linear segment 3516 mm	<b>351</b>
	Linear segment 1532 mm	<b>153</b>	Linear segment 3606 mm	<b>360</b>
	Linear segment 1624 mm	<b>162</b>	Linear segment 3696 mm	<b>369</b>
	Linear segment 1714 mm	<b>171</b>	Linear segment 3786 mm	<b>387</b>
	Linear segment 1804 mm	<b>180</b>	Linear segment 3966 mm	<b>396</b>
	Linear segment 1894 mm	<b>189</b>	Linear segment 4056 mm	<b>405</b>
	Linear segment 1984 mm	<b>198</b>	Linear segment 4146 mm	<b>414</b>
	Linear segment 2074 mm	<b>207</b>	Linear segment 4236 mm	<b>423</b>
	Linear segment 2164 mm	<b>216</b>	Linear segment 4326 mm	<b>432</b>

**LUMINOUS FLUX (LM) / SYSTEM POWER (W), CRI > 90**

satiné (S)	direct		direct/indirect	
	low output	high output	low output	high output
4000 K				
542 mm	758 lm / 8W			
632 mm	882 lm / 8,9W			
722 mm	1007 lm / 9,8W	1436 lm / 14W	1638 lm / 13,5W	2325 lm / 19,5W
812 mm	1131 lm / 10,5W	1614 lm / 15,5W	1922 lm / 15,5W	2728 lm / 22W
902 mm	1256 lm / 11,5W	1792 lm / 16,5W	2207 lm / 17W	3132 lm / 25W
1172 mm	1629 lm / 14,5W	2327 lm / 21 W	3060 lm / 25W	4343 lm / 36W
1442 mm	2002 lm / 17W	2862 lm / 25W	3913 lm / 31W	5556 lm / 44W
1714 mm	2375 lm / 22W	3396 lm / 32W	4766 lm / 36W	6767 lm / 52W
2254 mm	3120 lm / 28W	4465 lm / 40W	5991 lm / 49W	8515 lm / 71W
3064 mm	4238 lm / 36W	6067 lm / 52W	8713 lm / 67W	12381 lm / 97W
3606 mm	4892 lm / 44W	7135 lm / 64W	10421 lm / 80W	14810 lm / 116W
4326 mm	5974 lm / 51 W	8381 lm / 74W	12217 lm / 95W	17370 lm / 137W
LFH	1256 lm / 11,5W	1792 lm / 16,5W	2207 lm / 17W	3132 lm / 25W
LFV	1007 lm / 9,8W	1436 lm / 14W	1798 lm / 14,5W	2550 lm / 21 W
TFH	1256 lm / 11,5W	1792 lm / 16,5W	2207 lm / 17W	3132 lm / 25W
XFH	1256 lm / 11,5W	1792 lm / 16,5W	2207 lm / 17W	3132 lm / 25W

**COMPARE COVER 1442 MM, 4000 K, CRI > 90**

satiné	2002 lm	2862 lm	3913 lm	5556 lm
microprism	2065 lm	2953 lm	3976 lm	5647 lm
U-shaped satined (15 mm)	2109 lm	3023 lm	4020 lm	5717 lm
U-shaped satined (34 mm)	2219 lm	3181 lm	4130 lm	5875 lm



p.forty



PROFILE VIEW





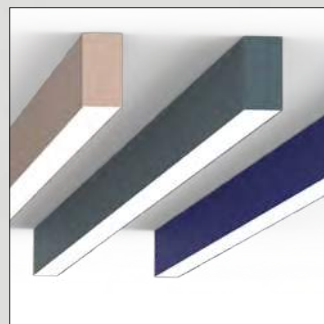
ANTO+ DOWNLIGHT / WALLWASH



ZENIT SPOTLIGHT INSETS



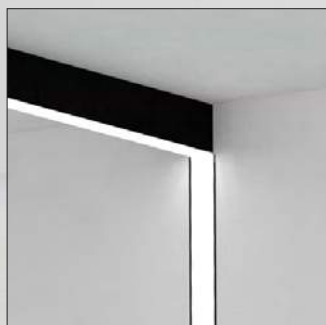
DIFFERENT HOUSING COLOURS



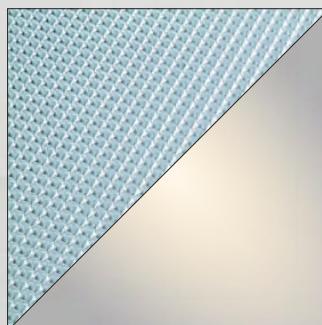
90° / 135° CONNECTORS AND MORE



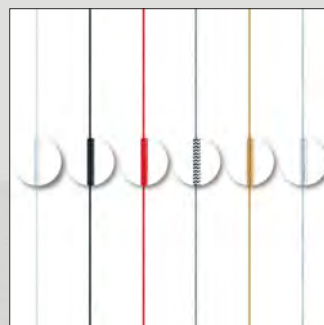
MIX & MATCH MOUNTING TYPES



DIFFERENT DIFFUSORS



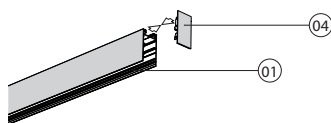
DIFFERENT COLOUR CABLES






PENDANT | WALL |  
SURFACE

### 01 PROFILE HOUSING

-  P40-PRO1-9006
-  P40-PRO1-9016
-  P40-PRO1-9005






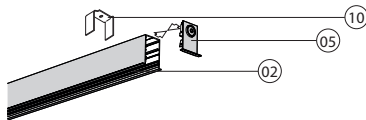
### 04 END CAP

-  P40-END1-9006
-  P40-END1-9016
-  P40-END1-9005




RECESSED FRAME

### 02 PROFILE HOUSING

-  P40-PROE-9006
-  P40-PROE-9016
-  P40-PROE-9005



### 05 END CAP

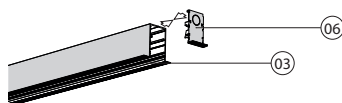
-  P40-ENDE-9006
-  P40-ENDE-9016
-  P40-ENDE-9005

RECESSED FRAMELESS

### 03 PROFILE HOUSING

-  P40-PROF-ALUB

Meterware; Maximale Teilprofillänge: 4500 mm  
Sold by the metre; maximum section length: 4500 mm  
Marchandise vendue au mètre; longueur de section max. 4500 mm  
Articolo a metraggio; lunghezza mass. 4500 mm



### 06 END CAP

-  P40-ENDF-ALUB

### 07 BLANK COVER DIRECT





-  P40-BLI-9006
-  P40-BLI-9016
-  P40-BLI-9005

### 08 BLANK COVER INDIRECT

-  P40-BL2-9006
-  P40-BL2-9016
-  P40-BL2-9005

Meterware  
Sold by the metre  
Marchandise vendue au mètre  
Articolo a metraggio

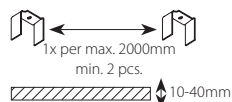
### 09 DIFFUSOR

-  P40-DIF-S (satiné)
-  P40-DIF-M (microprism)
-  P40-DIF-E (extra comfort)
-  P40-DIF-A-BLACK (asymmetric)
- P40-DIF-J (Diffuser jet-black)

Meterware; Maximale Teilprofillänge: 4500 mm | Sold by the metre; maximum section length: 4500 mm | Marchandise vendue au mètre; longueur de section max. 4500 mm | Articolo a metraggio; lunghezza mass. 4500 mm

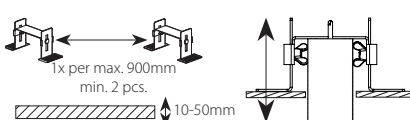
### 10 RECESSED-MOUNT BRACKET

P40-MOB-E-1



### 11 RECESSED-MOUNT BRACKET

P40-MOB-F-1



Inklusive Schrauben  
Screws included  
Vis incluses  
incl. viti

### 12 FEED-TROUGH WIRING FOR BLANK COVER

P40-DV-BLI

Meterware  
Sold by the metre  
Marchandise vendue au mètre  
Articolo a metraggio

### 13 BRIDGING FOR LIGHT SOURCES

P40-DV-R




max. 2250mm

### 14 SEGMENT CONNECTOR

P40-LIN

Paarweise; Inklusive Inbusschrauben  
In pairs; Hexagon socket screws included  
Paire; Vis à six pans creux incluses  
A coppie; incl. brugole

### 15 3-PHASE TRACK

- |   |                |                |
|---|----------------|----------------|
|   | 1100 mm        | 2100 mm        |
|  | P40-3PH-110-AL | P40-3PH-210-AL |
|  | P40-3PH-110-WS | P40-3PH-210-WS |
|  | P40-3PH-110-SW | P40-3PH-210-SW |

Inkl. Einspeisung u. Endabdeckung  
Power supply and end cap included  
Alimentation et embout inclus  
incl. alimentatore e tappo di chiusura

### 16 MITRE CUT

horizontal	P40-HOR-90	90°
	P40-HOR-135	135°
vertical	P40-VER-90	90°

Inklusive Verbinder  
Connectors included  
Connecteurs inclus  
incl. connettori

### 17 CROSS CONNECTOR

P40-KV1	90°	pendant/surface
P40-KVE	90°	recessed FRAME
P40-KVF	90°	recessed FRAMELESS

### 18 T-CONNECTOR

P40-TV1	90°	pendant/surface
P40-TVE	90°	recessed FRAME
P40-TVF	90°	recessed FRAMELESS

### 25C CADDYCLIPS (T24)

P40-SEI-150-CC 1500 mm

### 26 LIGHT SOURCES

p. 396

19 WALL BRACKET

P40-WAB-E-1

19A

P40-WAB-M-1

19B

20 CONNECTION TERMINAL

P40-ANS5

5-pole

P40-ANS7

7-pole

Inkl. Zubehör; eine Klemme pro Einspeisung; Klemmbereich 0,75-2,5 mm<sup>2</sup>  
 Accessories incl.; one terminal per power supply; clamping range 0.75-2.5 mm<sup>2</sup>  
 Accessoires inclus; un bornier par alimentation; plage de serrage 0.75-2.5 mm<sup>2</sup>  
 Accessori incl.; 1 morsetto per ogni alimentazione, range 0.75-2.5 mm<sup>2</sup>

21 CONNECTION SET

P40-DVS

7-pole for dimming

22 POWER SUPPLY WITH CANOPY

P40-EIN-3

3x0,75 mm<sup>2</sup>

P40-EIN-5

5x0,75 mm<sup>2</sup>

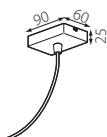
P40-EIN-7

7x0,75 mm<sup>2</sup>

P40-EIN-7-Q1,5

7x1,50 mm<sup>2</sup>

1750 mm

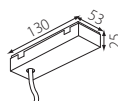


23 POWER SUPPLY WITH DESIGN CANOPY

P40-EIN-5-DB

5x0,75 mm<sup>2</sup>

1750 mm



24 POWER FEED 3-PHASE-TRACK

P40-EIN-3PH-WS

3x1,50 mm<sup>2</sup>

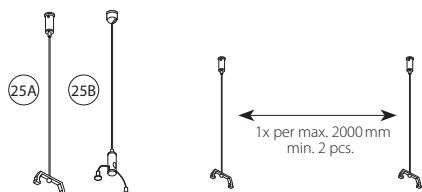
P40-EIN-3PH-SW

3x1,50 mm<sup>2</sup>

2500 mm

Inkl. 3-Phasen-Universaladapter  
 3 phase universal adapter incl.  
 adaptateur universel 3 phases inclus  
 adattatori universali 3-fase

25 SUSPENSION CABLES



1x per max. 2000 mm  
 min. 2 pcs.

25A RAPID TENSIONER

P40-SEI-150

1500 mm

P40-SEI-600

6000 mm

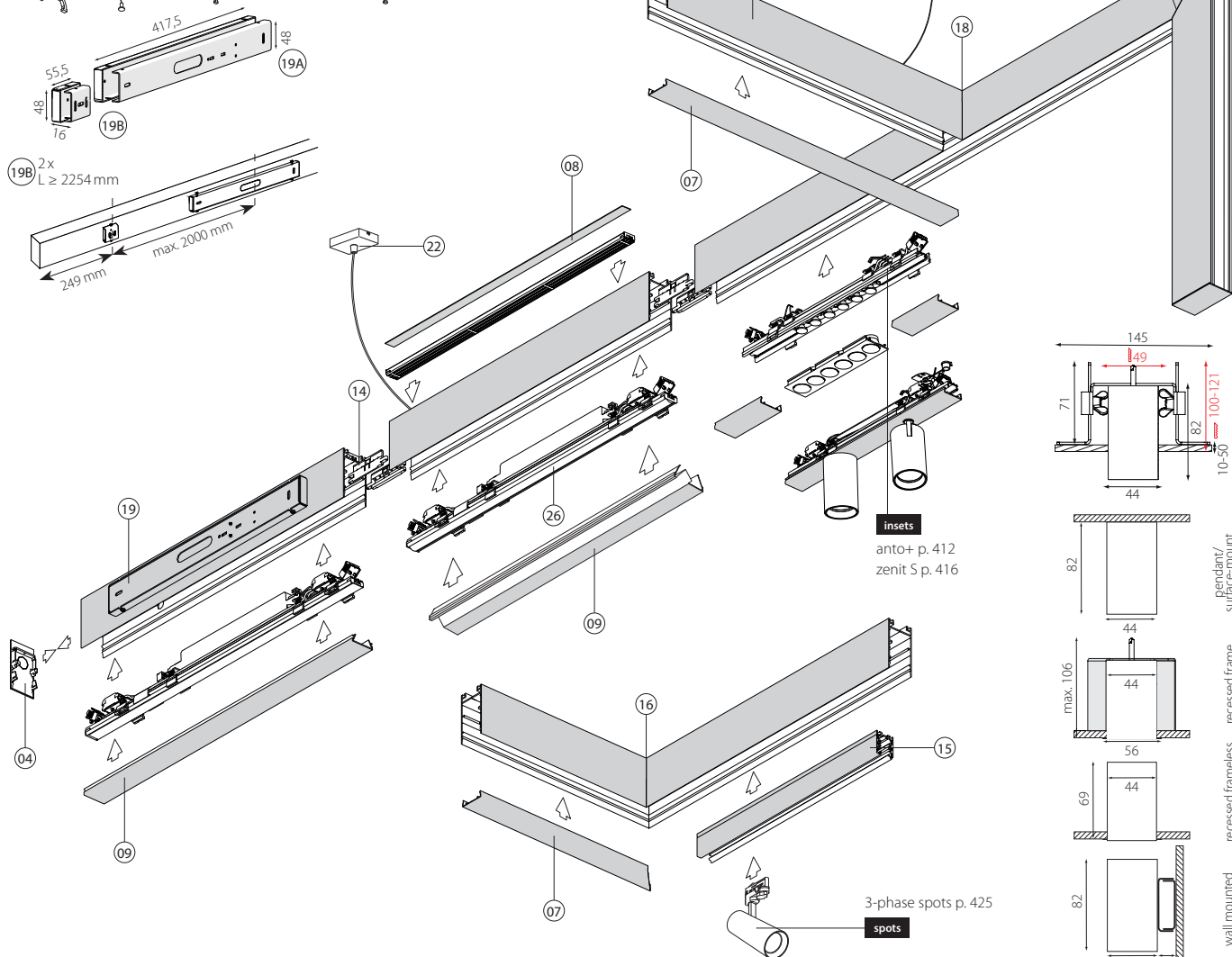
25B RAPID TENSIONER FOR INCLINED CEILINGS

P58-SEI-200

1500 mm

P58-SEI-600

6000 mm

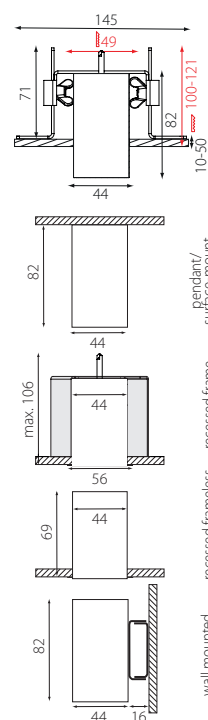


insets  
 anto+ p. 412  
 zenit S p. 416

3-phase spots p. 425

spots




■ silver    □ white    ■ black    ■ aluminium







**1 FOR DIFFUSOR**




-  satiné or microprism
-  asymmetric or extra comfort
-  RGBW

**MS**

**AE**

**LE**

**2 DIRECT / INDIRECT**







-  direct
-  direct/indirect (only pendant & wall)
-  indirect (only for RGBW)

**1**

**2**

**9**

**3 LED**

-  3000 K, CRI > 80 **830**
-  4000 K, CRI > 80 **840**
-  3000 K, CRI > 90 **930**
-  4000 K, CRI > 90 **940**
-  2700 - 6500 K, dynamic white **HCL**
-  RGBW (983/1123/1403 mm & only indirect) **RGB**

**4 OUTPUT**

-  low output
-  high output
-  dynamic white
-  RGBW

**L**

**H**




**X**

**-W**

**5 SIZE**

- 563 mm **056**
- 633 mm **063**
- 703 mm **070**
- 773 mm **077**
- 843 mm **084**
- 913 mm **091**
- 983 mm **098**
- 1053 mm **105**
- 1123 mm **112**
- 1403 mm **140**
- 1683 mm **168**
- 2243 mm **224**

**6 DIM**

-  non-dim
-  DALI **-DA**
-  Casambi **-CM**

P40-1-2-3-4-5-6

P40-AE1-830L-070 Versions asymmetric or extra comfort, 703 mm, direct, low output, non-dim, 3000 K (order sample)

**CONFIGURE ONLINE**

[katalog.planlicht.com](http://katalog.planlicht.com)

LUMINOUS FLUX (LM) / SYSTEM POWER (W), CRI > 80

satiné (S)	direct					direct/indirect				
	low output		high output		CRI > 90	low output		high output		CRI > 90
	3000K	4000K	3000K	4000K	dynamic white 2700-6500K	3000K	4000K	3000K	4000K	dynamic white 2700-6500K
563 mm	816lm/8,4W	814lm/8,4W	1380lm/13W	1360lm/13W	1071lm/14,5W	1849lm/13W	1893lm/13W	3192lm/24W	3280lm/24W	2473lm/24W
633 mm	920lm/8,4W	926lm/8,4W	1575lm/14W	1590lm/14W	1227lm/15W	2082lm/14,5W	2130lm/14,5W	3593lm/27W	3693lm/27W	2775lm/27W
703 mm	1022lm/9,2W	1030lm/9,2W	1751lm/15,5W	1772lm/15,5W	1365lm/16,5W	2314lm/16W	2368lm/16W	3994lm/29W	4105lm/29W	3085lm/29W
773 mm	1125lm/10W	1134lm/10W	1928lm/17W	1954lm/17W	1503lm/18W	2546lm/17,5W	2605lm/17,5W	4395lm/32W	4518lm/32W	3395lm/32W
843 mm	1227lm/11,5W	1230lm/11,5W	2080lm/19W	2080lm/19W	1623lm/21W	2778lm/19W	2842lm/19W	4797lm/35W	4931lm/35W	3705lm/35W
913 mm	1330lm/11,5W	1342lm/11,5W	2282lm/20W	2318lm/20W	1780lm/21W	3010lm/21W	3079lm/21W	5198lm/38W	5344lm/38W	4015lm/38W
983 mm	1432lm/12,5W	1446lm/12,5W	2458lm/22W	2500lm/22W	1918lm/23W	3242lm/22W	3317lm/22W	5599lm/41W	5757lm/41W	4335lm/41W
1053 mm	1535lm/13,5W	1550lm/13,5W	2635lm/23W	2682lm/23W	2057lm/24W	3474lm/24W	3554lm/24W	6000lm/44W	6169lm/44W	4646lm/44W
1123 mm	1645lm/14,5W	1664lm/14,5W	2803lm/25W	2879lm/25W	2208lm/26W	3739lm/26W	3816lm/26W	6491lm/48W	6692lm/48W	5009lm/49W
1403 mm	2051lm/17,5W	2075lm/17,5W	3519lm/31W	3606lm/31W	2756lm/32W	4647lm/32W	4750lm/32W	8042lm/59W	8277lm/59W	6219lm/59W
1683 mm	2431lm/20W	2469lm/20W	4295lm/36W	4362lm/36W	3290lm/37W	5449lm/38W	5604lm/38W	9307lm/68W	9510lm/68W	7262lm/68W
2243 mm	3290lm/27W	3329lm/27W	5605lm/47W	5757lm/47W	4417lm/49W	7479lm/50W	7632lm/50W	12983lm/92W	13385lm/92W	10016lm/93W

LUMINOUS FLUX (LM) / SYSTEM POWER (W), CRI > 80

microprism (M)\*

microprism (M)*	direct					direct/indirect				
	low output		high output		CRI > 90	low output		high output		CRI > 90
	3000K	4000K	3000K	4000K	dynamic white 2700-6500K	3000K	4000K	3000K	4000K	dynamic white 2700-6500K
563 mm	849lm/8,4W	847lm/8,4W	1436lm/13W	1415lm/13W	1114lm/14,5W	1872lm/13W	1916lm/13W	3231lm/24W	3320lm/24W	2503lm/24W
633 mm	957lm/8,4W	964lm/8,4W	1638lm/14W	1654lm/14W	1276lm/15W	2107lm/14,5W	2156lm/14,5W	3637lm/27W	3738lm/27W	2809lm/27W
703 mm	1064lm/9,2W	1072lm/9,2W	1822lm/15,5W	1844lm/15,5W	1420lm/16,5W	2342lm/16W	2396lm/16W	4043lm/29W	4155lm/29W	3123lm/29W
773 mm	1170lm/10W	1180lm/10W	2006lm/17W	2033lm/17W	1564lm/18W	2577lm/17,5W	2636lm/17,5W	4449lm/32W	4573lm/32W	3436lm/32W
843 mm	1277lm/11,5W	1280lm/11,5W	2164lm/19W	2164lm/19W	1689lm/21W	2811lm/19W	2877lm/19W	4855lm/35W	4991lm/35W	3750lm/35W
913 mm	1384lm/11,5W	1397lm/11,5W	2374lm/20W	2411lm/20W	1852lm/21W	3046lm/21W	3117lm/21W	5261lm/38W	5409lm/38W	4064lm/38W
983 mm	1490lm/12,5W	1505lm/12,5W	2558lm/22W	2601lm/22W	1996lm/23W	3281lm/22W	3357lm/22W	5667lm/41W	5827lm/41W	4388lm/41W
1053 mm	1597lm/13,5W	1613lm/13,5W	2742lm/23W	2790lm/23W	2140lm/24W	3516lm/24W	3597lm/24W	6073lm/44W	6244lm/44W	4702lm/44W
1123 mm	1711lm/14,5W	1731lm/14,5W	2916lm/25W	2995lm/25W	2297lm/26W	3784lm/26W	3862lm/26W	6570lm/48W	6773lm/48W	5070lm/49W
1403 mm	2134lm/17,5W	2159lm/17,5W	3661lm/31W	3752lm/31W	2867lm/32W	4704lm/32W	4808lm/32W	8140lm/59W	8378lm/59W	6295lm/59W
1683 mm	2529lm/20W	2569lm/20W	4469lm/36W	4538lm/36W	3423lm/37W	5515lm/38W	5672lm/38W	9420lm/68W	9626lm/68W	7350lm/68W
2243 mm	3423lm/27W	3464lm/27W	5832lm/47W	5990lm/47W	4596lm/49W	7570lm/50W	7725lm/50W	13141lm/92W	13548lm/92W	10138lm/93W

\*Der angegebene Lichtstrom bezieht sich auf die Leuchte mit klarer mikroprismatischer Abdeckung. Die Leuchte wird mit satinierter Folie zur Erhöhung der Homogenität geliefert (Direkt strahlend: -13,9% , direkt/indirekt strahlend: -6,9% Lichtstrom).

The indicated luminous flux corresponds to the luminaire with a clear microprismatic diffuser. The luminaire is delivered with a satinized-foil for increased homogeneity (direct: -13,9%, direct-indirect: -6,9% luminous flux).

Le flux lumineux indiqué correspond au luminaire avec diffuseur microprismatique transparent. Le luminaire est livré avec un film satiné pour optimiser l'homogénéité (direct: -13,9% , direct-indirect: -6,9% sur le flux lumineux).

Il flusso luminoso indicato corrisponde all'apparecchio con diffusore microprismatico trasparente. La lampada é fornita con una pellicola satinata per ottimizzare l'omogeneità (diretto: -13,9%, diretto-indiretto: -6,9% del flusso luminoso).

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**LUMINOUS FLUX (LM) / SYSTEM POWER (W), CRI > 80**

extra comfort (E)

	direct				CRI > 90	direct/indirect				CRI > 90
	low output		high output		dynamic white	low output		high output		dynamic white
	3000K	4000K	3000K	4000K	2700-6500K	3000K	4000K	3000K	4000K	2700-6500K
563 mm	898lm/8,4W	929lm/8,4W	1514lm/13W	1552lm/13W	1163lm/14,5W	1948lm/13W	2001lm/13W	3396lm/24W	3491lm/24W	2630lm/24W
633 mm	1045lm/8,4W	1072lm/8,4W	1793lm/14W	1840lm/14W	1414lm/15W	2192lm/14,5W	2251lm/14,5W	3823lm/27W	3930lm/27W	2952lm/27W
703 mm	1163lm/9,2W	1193lm/9,2W	2000lm/15,5W	2052lm/15,5W	1580lm/16,5W	2436lm/16W	2501lm/16W	4250lm/29W	4369lm/29W	3282lm/29W
773 mm	1282lm/10W	1315lm/10,5W	2207lm/17W	2264lm/17W	1747lm/18W	2680lm/17,5W	2752lm/17,5W	4676lm/32W	4808lm/32W	3612lm/32W
843 mm	1367lm/11,5W	1408lm/11,5W	2318lm/19W	2379lm/19W	1819lm/21W	2925lm/19W	3002lm/19W	5103lm/35W	5247lm/35W	3942lm/35W
913 mm	1520lm/11,5W	1557lm/11,5W	2620lm/20W	2688lm/20W	2080lm/21W	3169lm/21W	3252lm/21W	5530lm/38W	5686lm/38W	4271lm/38W
983 mm	1639lm/12,5W	1678lm/12,5W	2826lm/22W	2901lm/22W	2246lm/23W	3413lm/22W	3503lm/22W	5957lm/41W	6125lm/41W	4611lm/41W
1053 mm	1758lm/13,5W	1800lm/13,5W	3033lm/23W	3113lm/23W	2413lm/24W	3657lm/24W	3753lm/24W	6383lm/44W	6564lm/44W	4941lm/44W
1123 mm	1879lm/14,5W	1911lm/14,5W	3218lm/25W	3308lm/25W	2625lm/26W	3932lm/26W	4011lm/26W	6898lm/48W	7112lm/48W	5323lm/49W
1403 mm	2359lm/17,5W	2405lm/17,5W	4072lm/31W	4181lm/31W	3278lm/32W	4891lm/32W	5008lm/32W	8552lm/59W	8803lm/59W	6612lm/59W
1683 mm	2883lm/20W	2971lm/20W	5118lm/36W	5236lm/36W	3921lm/37W	5753lm/38W	5978lm/38W	9924lm/68W	10145lm/68W	7732lm/68W
2243 mm	3757lm/27W	3822lm/27W	6437lm/47W	6616lm/47W	5251lm/49W	7864lm/50W	8023lm/50W	13796lm/92W	14225lm/92W	10648lm/93W

**LUMINOUS FLUX (LM) / SYSTEM POWER (W), CRI > 80**

asymmetric (A)

	direct				CRI > 90	direct/indirect				CRI > 90
	low output		high output		dynamic white	low output		high output		dynamic white
	3000K	4000K	3000K	4000K	2700-6500K	3000K	4000K	3000K	4000K	2700-6500K
563 mm	690lm/8,4W	714lm/8,4W	1164lm/13W	1193lm/13W	894lm/14,5W	1765lm/13W	1813lm/13W	3078lm/24W	3163lm/24W	2383lm/24W
633 mm	803lm/8,4W	824lm/8,4W	1379lm/14W	1414lm/14W	1087lm/15W	1986lm/14,5W	2040lm/14,5W	3464lm/27W	3561lm/27W	2675lm/27W
703 mm	894lm/9,2W	917lm/9,2W	1537lm/15,5W	1577lm/15,5W	1215lm/16,5W	2208lm/16W	2267lm/16W	3851lm/29W	3959lm/29W	2974lm/29W
773 mm	986lm/10W	1011lm/10W	1696lm/17W	1740lm/17W	1343lm/18W	2429lm/17,5W	2494lm/17,5W	4238lm/32W	4357lm/32W	3273lm/32W
843 mm	1051lm/11,5W	1082lm/11,5W	1782lm/19W	1829lm/19W	1398lm/21W	2650lm/19W	2720lm/19W	4624lm/35W	4755lm/35W	3572lm/35W
913 mm	1169lm/11,5W	1197lm/11,5W	2014lm/20W	2067lm/20W	1599lm/21W	2872lm/21W	2947lm/21W	5011lm/38W	5153lm/38W	3870lm/38W
983 mm	1260lm/12,5W	1290lm/12,5W	2173lm/22W	2230lm/22W	1727lm/23W	3093lm/22W	3174lm/22W	5398lm/41W	5550lm/41W	4178lm/41W
1053 mm	1352lm/13,5W	1383lm/13,5W	2331lm/23W	2393lm/23W	1855lm/24W	3314lm/24W	3401lm/24W	5784lm/44W	5948lm/44W	4477lm/44W
1123 mm	1444lm/14,5W	1469lm/14,5W	2474lm/25W	2543lm/25W	2018lm/26W	3563lm/26W	3635lm/26W	6251lm/48W	6445lm/48W	4824lm/49W
1403 mm	1813lm/17,5W	1849lm/17,5W	3130lm/31W	3214lm/31W	2520lm/32W	4432lm/32W	4538lm/32W	7750lm/59W	7977lm/59W	5992lm/59W
1683 mm	2216lm/20W	2284lm/20W	3934lm/36W	4025lm/36W	3014lm/37W	5213lm/38W	5417lm/38W	8993lm/68W	9193lm/68W	7007lm/68W
2243 mm	2888lm/27W	2938lm/27W	4948lm/47W	5086lm/47W	4036lm/49W	7126lm/50W	7270lm/50W	12502lm/92W	12891lm/92W	9649lm/93W

**RGBW**



**indirect**

400lm/m 6,1W/m

983 / 1123 / 1403 mm

figures lm & W in 3000K (830)

**EMERGENCY ADD-ONS**

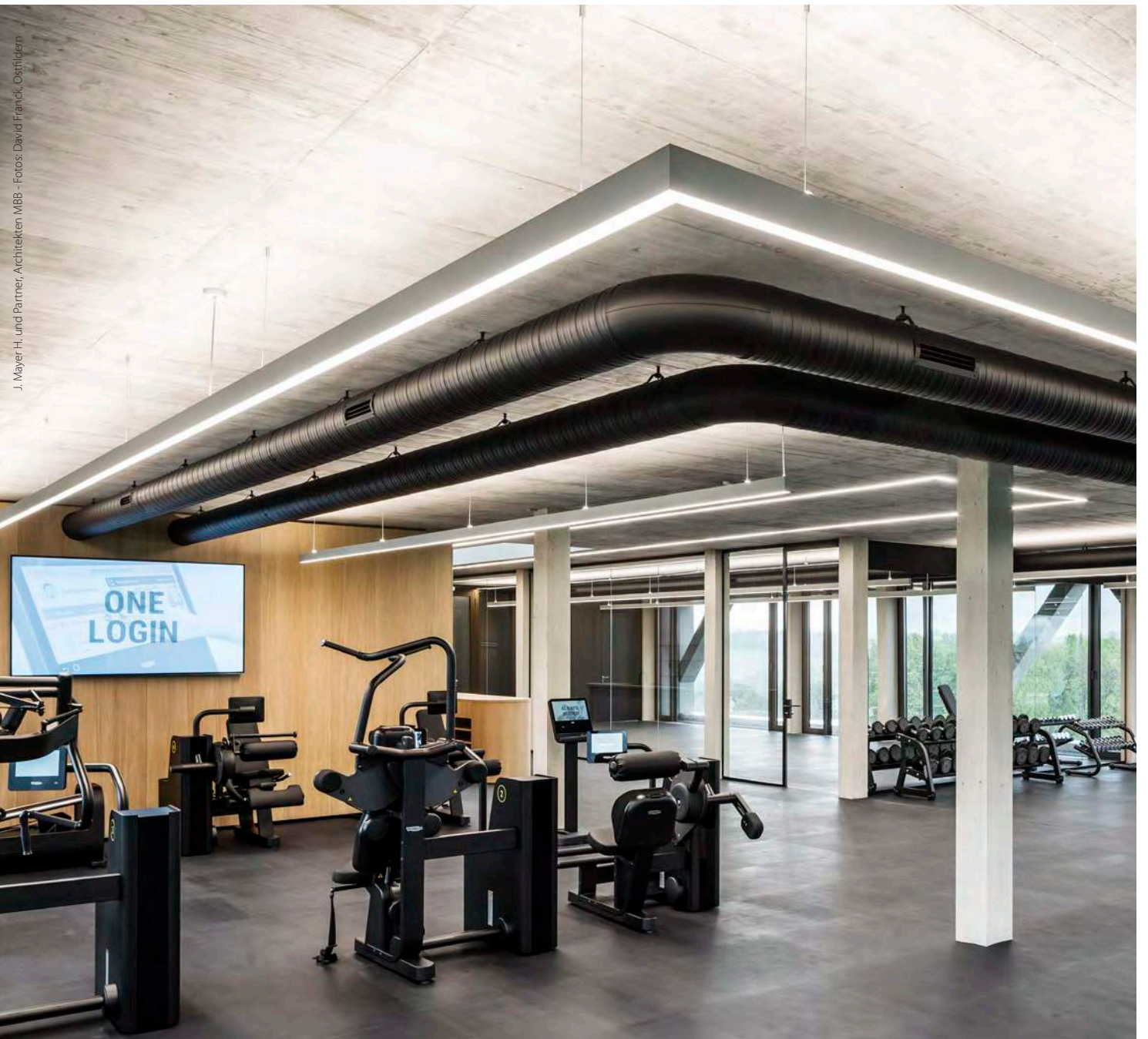


**P40-NOT-3H-LED**

3 h battery

**P40-NOT-ZVS-INOTEC**

INOTEC monitoring component for central current supply (direct 983 mm / direct/indirect 1403 mm only)



J. Mayer H. und Partner, Architekten MBB - Fotos: David Franck, Ostfildern



pure 3





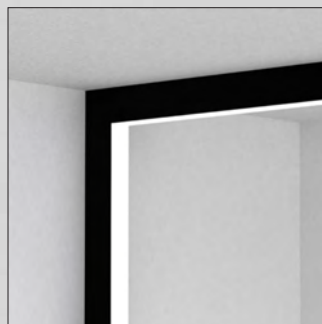
ANTO+ DOWNLIGHT / WALLWASH



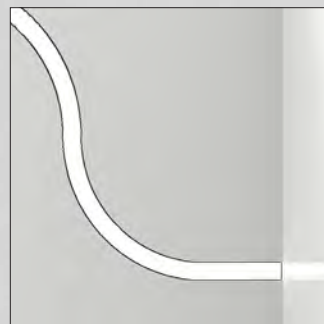
ZENIT SPOTLIGHT INSETS



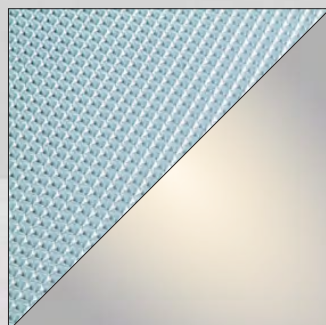
90° CONNECTORS



DIFFERENT SINUS CURVES



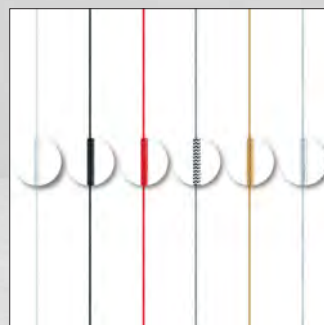
DIFFERENT DIFFUSORS



DIFFERENT HOUSING COLOURS



DIFFERENT COLOUR CABLES




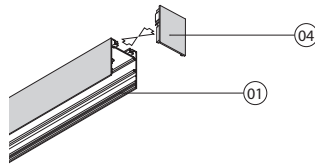
# pure 3

Komponenten  
Components  
Composants  
Componenti




PENDANT | WALL |  
SURFACE

## 01 PROFILE HOUSING

-  P33-PRO1-9006
-  P33-PRO1-9016
-  P33-PRO1-9005






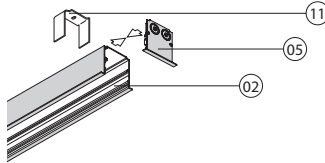
## 04 END CAP

-  P33-END1-9006
-  P33-END1-9016
-  P33-END1-9005




RECESSED FRAME

## 02 PROFILE HOUSING

-  P33-PROE-9006
-  P33-PROE-9016
-  P33-PROE-9005




## 05 END CAP

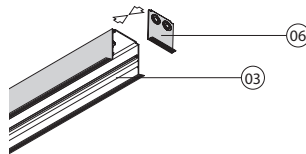
-  P33-ENDE-9006
-  P33-ENDE-9016
-  P33-ENDE-9005

RECESSED FRAMELESS


## 03 PROFILE HOUSING

-  P33-PROF-ALUB


Meterware; Maximale Teilprofillänge: 4500 mm  
Sold by the metre; maximum section length: 4500 mm  
Marchandise vendue au mètre; longueur de section max. 4500 mm  
Articolo a metraggio; lunghezza mass. 4500 mm






## 06 END CAP

-  P33-ENDF-ALUB

## 07 BLANK COVER DIRECT



-  P33-BLI-9006
-  P33-BLI-9016
-  P33-BLI-9005

## 08 BLANK COVER INDIRECT

-  P33-BL2-9006
-  P33-BL2-9016
-  P33-BL2-9005




Meterware  
Sold by the metre  
Marchandise vendue au mètre  
Articolo a metraggio

## 09 DIFFUSOR

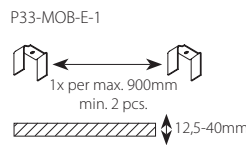
-  P33-DIF-S-LED (satiné)
-  P33-DIF-M (microprism)
- P33-DIF-J (Diffuser jet-black)

Meterware; Maximale Teilprofillänge: 4500 mm  
Sold by the metre; maximum section length: 4500 mm  
Marchandise vendue au mètre; longueur de section max. 4500 mm  
Articolo a metraggio; lunghezza mass. 4500 mm

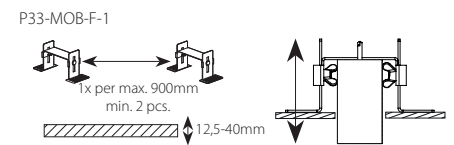
## 10 COVER ASYMMETRIC

-  P33-BAS-9006
-  P33-BAS-9016
-  P33-BAS-9005

## 11 RECESSED-MOUNT BRACKET FRAME



## 12 RECESSED-MOUNT BRACKET VARIO



## 14 FEED-TROUGH WIRING FOR BLANK COVER

P33-DV-BLI  
Meterware  
Sold by the metre  
Marchandise vendue au mètre  
Articolo a metraggio

## 15 BRIDGING FOR LIGHT SOURCES

P33-DV-R  
max. 2250mm

## 16 SEGMENT CONNECTOR

P33-LIN  
Paarweise; Inklusive Inbusschrauben  
In pairs; Hexagon socket screws included  
Paire; Vis à six pans creux incluses  
A coppie; incl. brugole

## 17 3-PHASE TRACK

-  P33-3PH-110-AL 1100 mm
-  P33-3PH-110-WS 1100 mm
-  P33-3PH-110-SW 1100 mm
-  P33-3PH-210-AL 2100 mm
-  P33-3PH-210-WS 2100 mm
-  P33-3PH-210-SW 2100 mm

Inkl. Einspeisung u. Endabdeckung  
Power supply and end cap included  
Alimentation et embout inclus  
incl. alimentatore e tappo di chiusura

## 18 MITRE CUT

- |                   |             |      |
|-------------------|-------------|------|
| <b>horizontal</b> | P33-HOR-90  | 90°  |
|                   | P33-HOR-135 | 135° |
| <b>vertical</b>   | P33-VER-90  | 90°  |
- Inklusive Verbinder  
Connectors included  
Connecteurs inclus  
incl. connetori

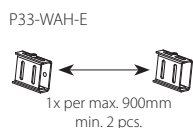
## 19 CROSS CONNECTOR

- |         |     |                    |
|---------|-----|--------------------|
| P33-KV1 | 90° | pendant/surface    |
| P33-KVE | 90° | recessed FRAME     |
| P33-KVF | 90° | recessed FRAMELESS |

## 20 T-CONNECTOR

- |         |     |                    |
|---------|-----|--------------------|
| P33-TV1 | 90° | pendant/surface    |
| P33-TVE | 90° | recessed FRAME     |
| P33-TVF | 90° | recessed FRAMELESS |

## 21 WALL BRACKET



## 22 CONNECTION TERMINAL

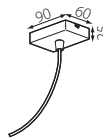
- |          |        |
|----------|--------|
| P33-ANS5 | 5-pole |
| P33-ANS7 | 7-pole |
- Inkl. Zubehör; eine Klemme pro Einspeisung; Klemmbereich 0,75 - 2,5 mm²  
Accessories incl; one terminal per power supply; clamping range 0.75 - 2.5 mm²  
Accessoires inclus; un bornier par alimentation; plage de serrage 0.75 - 2.5 mm²  
Accessori incl; 1 morsetto per ogni alimentazione; range 0.75 - 2.5 mm²

23 CONNECTION SET

P33-DVS1 7-pole

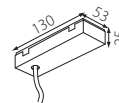
24 POWER SUPPLY WITH CANOPY

P33-EIN-3 3x0,75 mm<sup>2</sup>  
 P33-EIN-5 5x0,75 mm<sup>2</sup>  
 P33-EIN-7 7x0,75 mm<sup>2</sup>  
 P33-EIN-7-Q1,5 7x1,50 mm<sup>2</sup>  
 1750mm



25 POWER SUPPLY WITH DESIGN CANOPY

P33-EIN-5-DB 5x0,75 mm<sup>2</sup>  
 1750mm

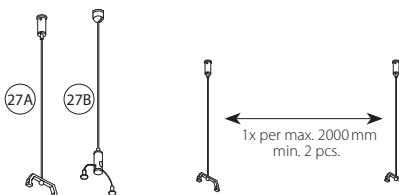


26 POWER FEED 3-PHASE-TRACK

□ P33-EIN-3PH-WS 3x1,50 mm<sup>2</sup>  
 ■ P33-EIN-3PH-SW 3x1,50 mm<sup>2</sup>

2500mm  
 Inkl. 3-Phasen-Universaladapter  
 3 phase universal adapter incl.  
 adaptateur universel 3 phases inclus  
 adattatori universali 3-fase

27 SUSPENSION CABLES



27A RAPID TENSIONER

P33-SEI-150 1500mm  
 P33-SEI-600 6000mm

27B RAPID TENSIONER FOR INCLINED CEILINGS

P58-SEI-150 1500mm  
 P58-SEI-600 6000mm

27C CADDYCLIPS (T24)

P33-SEI-150-CC 1500mm

28 BALL-PROOF BRACKET

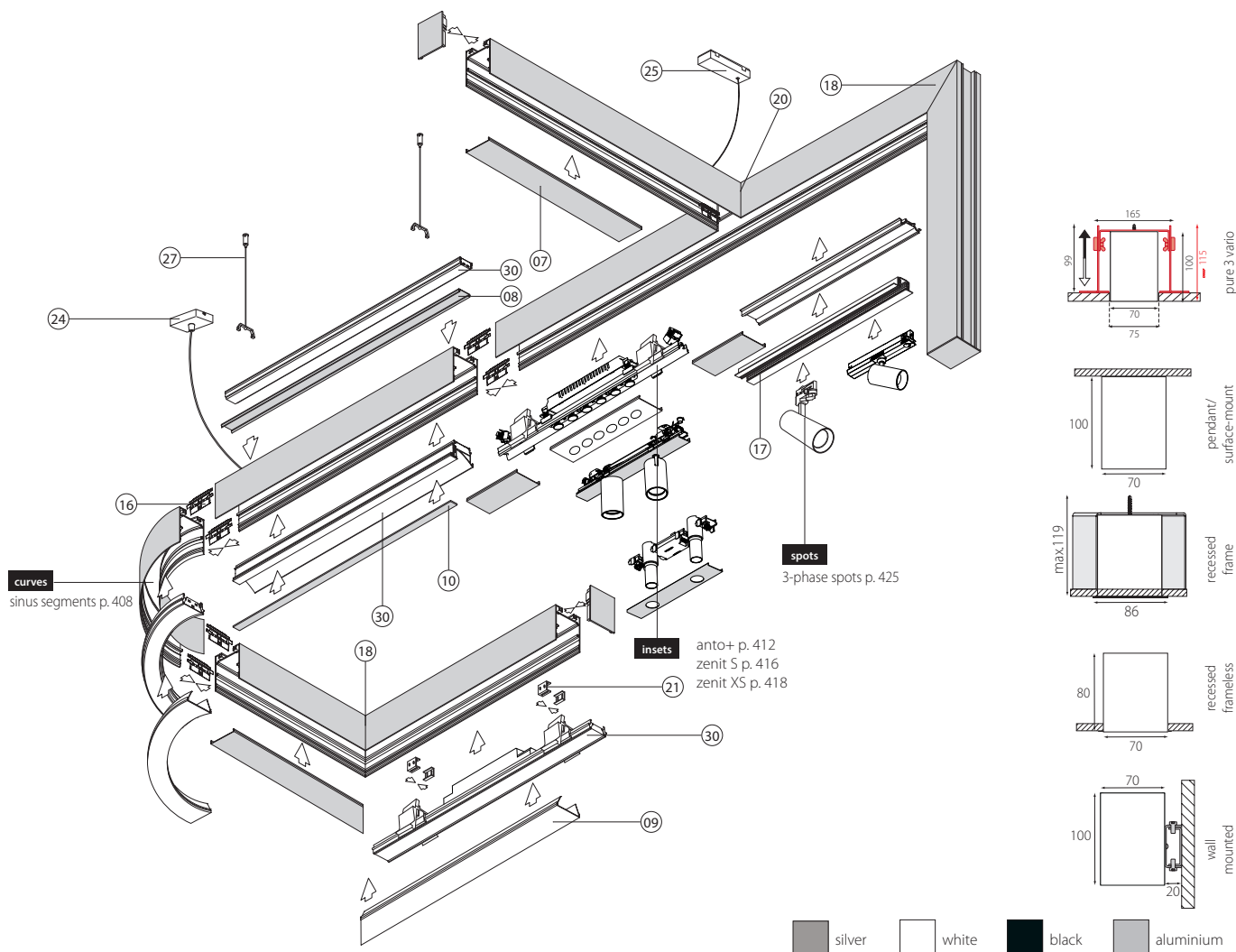
■ P33-PBB-9006-2  
 □ P33-PBB-9016-2  
 ■ P33-PBB-9006-2

29 CONNECTOR

P33-DVS2 7-pole

30 LIGHT SOURCES

p. 404









# pure 3




Lichteinsätze  
Light sources  
Inserts lumineux  
Insertimenti di luce









## 1 FOR DIFFUSOR

-   satiné or microprism
-  BAP louvre
-  asymmetric





## 2 DIRECT/INDIRECT

- LE**  direct **1**
- BE**  direct/indirect (only pendant & wall) **2**
- AE**  indirect (only for RGBW) **9**

## 3 LED

-  3000 K, CRI > 80 **830**
-  4000 K, CRI > 80 **840**
-  3000 K, CRI > 90 **930**
-  4000 K, CRI > 90 **940**
-  2700-6500 K, dynamic white, CRI > 90 **HCL**
-  RGBW (only satiné) **RGB**

## 4 OUTPUT/CONTROL

-  low output **L**
-  high output **H**
-  dynamic white **X**
-  RGBW **-W**

## 5 SIZE

	satiné/microprism	asymmetric	BAP louvre
<b>H</b>	563 mm <b>056</b>	564 mm <b>056</b>	1125 mm <b>112</b>
<b>X</b>	633 mm <b>063</b>	704 mm <b>070</b>	1405 mm <b>140</b>
<b>-W</b>	703 mm <b>070</b>	844 mm <b>084</b>	
	773 mm <b>077</b>	984 mm <b>098</b>	
	843 mm <b>084</b>	1124 mm <b>112</b>	
	913 mm <b>091</b>	1404 mm <b>140</b>	
	983 mm <b>098</b>	1684 mm <b>168</b>	
	1053 mm <b>105</b>		
	1123 mm <b>112</b>		
	1403 mm <b>140</b>		
	1683 mm <b>168</b>		
	2243 mm <b>224</b>		

## 6 DIM

-  non-dim
-  DALI **-DA**
-  Casambi **-CM**

P33-1-2-3-4-5-6

P33-AE1-830L-070 Asymmetric, 704 mm, direct, low output, non-dim, 3000 K (order sample)

**CONFIGURE ONLINE**

katalog.planlicht.com

**LUMINOUS FLUX (LM) / SYSTEM POWER (W), CRI > 80**

satiné (LE)	direct					direct/indirect					CRI > 90 dynamic white 2700-6500K
	low output		high output		dynamic white 2700-6500K	low output		high output			
	3000K	4000K	3000K	4000K		3000K	4000K	3000K	4000K		
563 mm	790lm/8,9W	812lm/8,9W	1332lm/14,5W	1365lm/14,5W	1063lm/16W	1967lm/14,5W	1989lm/14,5W	3335lm/26W	3424lm/26W	2632lm/26W	
633 mm	873lm/9,1W	899lm/9,1W	1502lm/15,5W	1545lm/15,5W	1177lm/16,5W	2216lm/16W	2237lm/16W	3753lm/29W	3855lm/29W	2985lm/30W	
703 mm	968lm/10W	997lm/10W	1674lm/17W	1723lm/17W	1313lm/18W	2464lm/18W	2486lm/18W	4171lm/32W	4285lm/32W	3319lm/33W	
773 mm	1064lm/11W	1095lm/11W	1846lm/19W	1901lm/18,5W	1450lm/19,5W	2713lm/19,5W	2734lm/19,5W	4589lm/36W	4716lm/36W	3653lm/37W	
843 mm	1159lm/12,5W	1192lm/12,5W	2001lm/21W	2045lm/21W	1538lm/23W	2961lm/21W	2983lm/21W	5007lm/39W	5147lm/39W	3986lm/40W	
913 mm	1254lm/12,5W	1291lm/12,5W	2190lm/22W	2256lm/22W	1722lm/23W	3210lm/23W	3231lm/23W	5425lm/42W	5578lm/42W	4320lm/44W	
983 mm	1349lm/13,5W	1389lm/13,5W	2361lm/24W	2434lm/24W	1858lm/25W	3458lm/25W	3480lm/25W	5843lm/46W	6009lm/46W	4598lm/46W	
1053 mm	1445lm/14,5W	1487lm/14,5W	2533lm/25W	2612lm/25W	1995lm/26W	3707lm/27W	3729lm/27W	6261lm/49W	6439lm/49W	4926lm/50W	
1123 mm	1552lm/16W	1597lm/16W	2687lm/27W	2767lm/27W	2139lm/28W	4005lm/29W	3937lm/29W	6700lm/53W	6924lm/53W	5226lm/54W	
1403 mm	1911lm/19W	1962lm/19W	3335lm/34W	3434lm/33W	2631lm/34W	4883lm/36W	4975lm/36W	8323lm/64W	8522lm/64W	6600lm/66W	
1683 mm	2320lm/22W	2404lm/22W	4063lm/40W	4225lm/40W	3208lm/40W	5859lm/42W	5970lm/42W	9988lm/76W	10226lm/76W	7920lm/77W	
2243 mm	3046lm/29W	3127lm/29W	5517lm/53W	5692lm/53W	4364lm/54W	8010lm/55W	7950lm/55W	13400lm/107W	13848lm/107W	10451lm/108W	

**LUMINOUS FLUX (LM) / SYSTEM POWER (W), CRI > 80**

micro (M)*	direct					direct/indirect					CRI > 90 dynamic white 2700-6500K
	low output		high output		dynamic white 2700-6500K	low output		high output			
	3000K	4000K	3000K	4000K		3000K	4000K	3000K	4000K		
563 mm	854lm/8,9W	878lm/8,9W	1441lm/14,5W	1476lm/14,5W	1121lm/16W	2030lm/14,5W	2052lm/16W	3442lm/26W	3533lm/26W	2716lm/26W	
633 mm	944lm/9,1W	972lm/9,1W	1625lm/15,5W	1671lm/15,5W	1273lm/16,5W	2309lm/16W	2309lm/18W	3873lm/29W	3978lm/29W	3080lm/30W	
703 mm	1047lm/10W	1078lm/10W	1811lm/17W	1863lm/17W	1420lm/18W	2565lm/18W	2565lm/20W	4304lm/32W	4422lm/32W	3425lm/33W	
773 mm	1150lm/11W	1184lm/11W	1997lm/19W	2056lm/18,5W	1568lm/19,5W	2822lm/19,5W	2822lm/21W	4736lm/36W	4867lm/36W	3770lm/37W	
843 mm	1254lm/12,5W	1289lm/12,5W	2164lm/21W	2212lm/21W	1663lm/23W	3078lm/21W	3078lm/22W	5167lm/39W	5311lm/39W	4113lm/40W	
913 mm	1356lm/12,5W	1396lm/12,5W	2368lm/22W	2440lm/22W	1863lm/23W	3335lm/23W	3335lm/24W	5598lm/42W	5756lm/42W	4458lm/44W	
983 mm	1459lm/13,5W	1502lm/13,5W	2554lm/24W	2633lm/24W	2010lm/25W	3591lm/25W	3591lm/26W	6030lm/46W	6200lm/46W	4745lm/46W	
1053 mm	1562lm/14,5W	1608lm/14,5W	2740lm/25W	2825lm/25W	2157lm/26W	3848lm/27W	3848lm/27W	6461lm/49W	6645lm/49W	5083lm/50W	
1123 mm	1679lm/16W	1727lm/16W	2906lm/27W	2993lm/27W	2313lm/28W	4100lm/29W	4100lm/29W	6914lm/53W	7145lm/53W	5393lm/54W	
1403 mm	2067lm/19W	2122lm/19W	3607lm/34W	3714lm/33W	2846lm/34W	5134lm/36W	5134lm/36W	8589lm/64W	8794lm/64W	6811lm/66W	
1683 mm	2509lm/22W	2600lm/22W	4394lm/40W	4570lm/40W	3470lm/40W	6161lm/42W	6161lm/42W	10307lm/76W	10552lm/76W	8173lm/77W	
2243 mm	3294lm/29W	3382lm/29W	5967lm/53W	6156lm/53W	4720lm/54W	8204lm/55W	8204lm/55W	13828lm/107W	14290lm/107W	10785lm/108W	

\*Der angegebene Lichtstrom bezieht sich auf die Leuchte mit klarer mikroprismatischer Abdeckung. Die Leuchte wird mit satiniertes Folie zur Erhöhung der Homogenität geliefert (Direkt strahlend: -28,2% , direkt/indirekt strahlend: -11,7% Lichtstrom).

The indicated luminous flux corresponds to the luminaire with a clear microprismatic diffuser. The luminaire is delivered with a satinized-foil for increased homogeneity (direct: -28,2%, direct-indirect: -11,7% luminous flux).

Le flux lumineux indiqué correspond au luminaire avec diffuseur microprismatique transparent. Le luminaire est livré avec un film satiné pour optimiser l'homogénéité (direct: -28,2% , direct-indirect: -11,7% sur le flux lumineux).

Il flusso luminoso indicato corrisponde all'apparecchio con diffusore microprismatico trasparente. La lampada é fornita con una pellicola satinata per ottimizzare l'omogeneità (diretto: -28,2%, diretto-indiretto: -11,7% del flusso luminoso).



## PURE 3

### LUMINOUS FLUX (LM) / SYSTEM POWER (W), CRI > 80

BAP louvre (BE)	direct					direct/indirect					CRI > 90
	low output		high output		dynamic white	low output		high output		dynamic white	
	3000K	4000K	3000K	4000K	2700-6500K	3000K	4000K	3000K	4000K	2700-6500K	
1125 mm	1774lm/16W	1867lm/16W	3149lm/28W	3314lm/28W	2172lm/23W	3667lm/28W	3860lm/28W	6534lm/51W	6877lm/51W	4353lm/44W	
1405 mm	2273lm/19W	2393lm/19W	3976lm/34W	4185lm/34W	2651lm/29W	4710lm/37W	4958lm/37W	8307lm/67W	8744lm/69W	5565lm/54W	

### LUMINOUS FLUX (LM) / SYSTEM POWER (W), CRI > 80

asymmetric (AE)	direct					direct/indirect					CRI > 90
	low output		high output		dynamic white	low output		high output		dynamic white	
	3000K	4000K	3000K	4000K	2700-6500K	3000K	4000K	3000K	4000K	2700-6500K	
564 mm	696lm/9W	722lm/9W	1332lm/16,5W	1409lm/16,5W	814lm/13W	2628lm/27W	1834lm/15W	2628lm/27W	3526lm/30W	2107lm/22W	
704 mm	882lm/10W	925lm/10W	1676lm/19W	1765lm/19W	1021lm/15W	3287lm/33W	2290lm/18,5W	3287lm/33W	4405lm/37W	2621lm/28W	
844 mm	1045lm/13W	1091lm/13W	2016lm/24W	2122lm/24W	1228lm/18,5W	3947lm/40W	2747lm/22W	3947lm/40W	5284lm/45W	3143lm/34W	
984 mm	1240lm/14W	1302lm/14W	2345lm/27W	2469lm/27W	1429lm/21W	4607lm/46W	3203lm/26W	4607lm/46W	6163lm/52W	3683lm/39W	
1124 mm	1426lm/16W	1500lm/16W	2695lm/30W	2836lm/30W	1642lm/23W	3468lm/29W	3650lm/29W	6688lm/58W	7039lm/58W	4216lm/44W	
1404 mm	1764lm/19W	1857lm/19W	3357lm/37W	3534lm/37W	2045lm/29W	4339lm/38W	4643lm/38W	8360lm/76W	8864lm/76W	5273lm/57W	
1684 mm	2151lm/22W	2265lm/22W	3999lm/44W	4208lm/44W	2436lm/34W	5159lm/45W	5431lm/45W	9985lm/90W	10509lm/90W	3294lm/68W	

### RGBW



#### direct satiné

260 lm / m 5,7 W / m

#### direct/indirect satiné

660 lm / m 11 W / m

563 / 703 / 843 / 983 / 1123 / 1403 mm

#### indirect

400 lm / m 6,1 W / m

983 / 1123 / 1403 mm

figures lm & W in 3000K (830)

### EMERGENCY ADD-ONS



#### P33-NOT-3H-LED

3 h battery

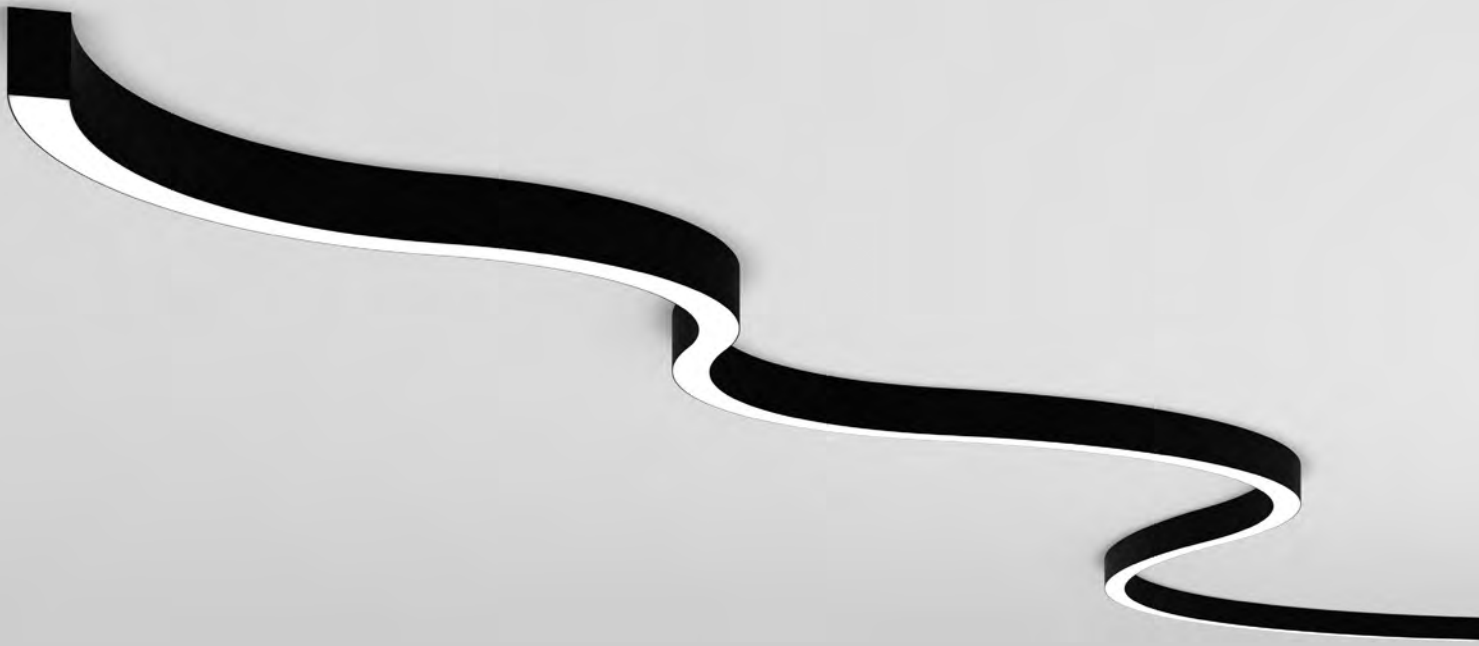
#### P33-NOT-ZVS-INOTEC

INOTEC monitoring component for central current supply (direct 983 mm/ direct/indirect 1403 mm only)






Administration de la nature et des forêts, Foto: Lukas Huneke





## 1 MOUNTING

-  surface-mount/pendant direct
-  pendant direct-indirect
-  recessed

**A**

**H**

**E**

## 2 ANGLE/RADIUS

45°, r 552 mm

90°, r 552 mm

45°, r 730 mm






90°, r 730 mm

45°, r 1140 mm


90°, r 1140 mm

45°, r 2860 mm






## 3 COLOUR

-  silver **9006**
-  white **9016**
-  black **9005**
-  RAL of your choice (p. 479) 








## 4 DIRECT/INDIRECT

-  direct **1**
-  direct/indirect (only pendant) **2**

## 5 LED

-  3000 K, CRI > 80 **830**
-  4000 K, CRI > 80 **840**
-  3000 K, CRI > 90 **930**
-  4000 K, CRI > 90 **940**
-  2700 - 6500 K, dynamic white, CRI > 90 **HCL**

## 6 OUTPUT/DIM

-   low output non-dim **L1**
-   low output DALI **L3**
-   high output DALI **H3**
-  dynamic white **X3**

## 7 DIFFUSOR

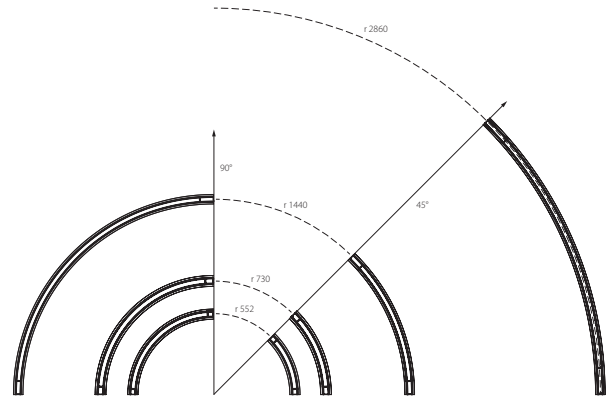
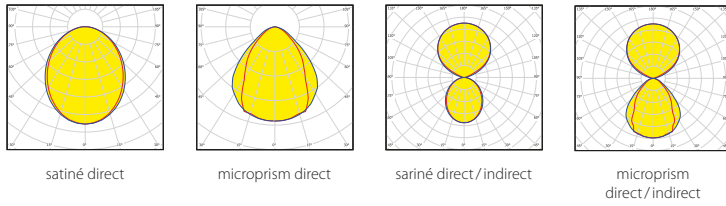
-  satiné **S**
-  microprism **M**

P33-1-2-3-E4-5-6

P33-H14-9016E2830H3S 45°, r 552 mm, white, pendant, direct/indirect, 3000 K, high output DALI, satiné (order sample)

**CONFIGURE ONLINE**

katalog.planlicht.com



**LUMINOUS FLUX (LM) / SYSTEM POWER (W), CRI > 80**

satiné (S)	direct				dynamic white CRI > 90 2700-6500 K	direct/indirect				dynamic white CRI > 90 2700-6500 K
	low output		high output			low output		high output		
	3000 K	4000 K	3000 K	4000 K		3000 K	4000 K	3000 K	4000 K	
45°, r 552 mm	547 lm / 5,5 W	563 lm / 5,5 W	994 lm / 9,9 W	1024 lm / 9,9 W		1469 lm / 11 W	1494 lm / 11 W	2672 lm / 19,5 W	2751 lm / 19,5 W	
90°, r 552 mm	1095 lm / 11 W	1127 lm / 11 W	1990 lm / 19,5 W	2049 lm / 19,5 W	785 lm / 10 W	2940 lm / 22 W	3027 lm / 22 W	5344 lm / 39 W	5503 lm / 39 W	2108 lm / 20 W
45°, r 730 mm	729 lm / 7,3 W	751 lm / 7,3 W	1327 lm / 13 W	1366 lm / 13 W	1570 lm / 20 W	1960 lm / 14,5 W	2018 lm / 14,5 W	3563 lm / 26 W	3669 lm / 26 W	4216 lm / 40 W
90°, r 730 mm	1459 lm / 14,5 W	1502 lm / 14,5 W	2653 lm / 26 W	2732 lm / 26 W	2093 lm / 27 W	3919 lm / 29 W	4035 lm / 29 W	7126 lm / 53 W	7338 lm / 53 W	5622 lm / 54 W
45°, r 1140 mm	1459 lm / 14,5 W	1502 lm / 14,5 W	2653 lm / 26 W	2732 lm / 26 W	2093 lm / 27 W	3919 lm / 29 W	4035 lm / 29 W	7126 lm / 53 W	7338 lm / 53 W	5622 lm / 54 W
90°, r 1140 mm	2918 lm / 29 W	3005 lm / 29 W	5306 lm / 53 W	5464 lm / 53 W	4186 lm / 54 W	7838 lm / 58 W	8071 lm / 58 W	14252 lm / 105 W	14675 lm / 105 W	11243 lm / 108 W
45°, r 2860 mm	2918 lm / 29 W	3005 lm / 29 W	5306 lm / 53 W	5464 lm / 53 W	4186 lm / 54 W	7838 lm / 58 W	8071 lm / 58 W	14252 lm / 105 W	14675 lm / 105 W	11243 lm / 108 W

**LUMINOUS FLUX (LM) / SYSTEM POWER (W), CRI > 80**

microprism (M)*	direct				dynamic white CRI > 90 2700-6500 K	direct/indirect				dynamic white CRI > 90 2700-6500 K
	low output		high output			low output		high output		
	3000 K	4000 K	3000 K	4000 K		3000 K	4000 K	3000 K	4000 K	
45°, r 552 mm	582 lm / 6,3 W	599 lm / 6,3 W	1057 lm / 10,5 W	1089 lm / 10,5 W		1526 lm / 11 W	1572 lm / 11 W	2776 lm / 19,5 W	2858 lm / 19,5 W	
90°, r 552 mm	1165 lm / 12,5 W	1199 lm / 12,5 W	2117 lm / 21 W	2180 lm / 21 W	835 lm / 23 W	3054 lm / 22 W	3145 lm / 22 W	5552 lm / 39 W	5717 lm / 39 W	2190 lm / 40 W
45°, r 730 mm	775 lm / 8,9 W	799 lm / 8,9 W	1412 lm / 14,5 W	1453 lm / 14,5 W	1670 lm / 16 W	2036 lm / 16 W	2096 lm / 16 W	3702 lm / 27 W	3812 lm / 27 W	4380 lm / 28 W
90°, r 730 mm	1552 lm / 16 W	1598 lm / 16 W	2822 lm / 27 W	2906 lm / 27 W	2226 lm / 28 W	4071 lm / 29 W	4192 lm / 29 W	7403 lm / 53 W	7623 lm / 53 W	5841 lm / 54 W
45°, r 1140 mm	1552 lm / 16 W	1598 lm / 16 W	2822 lm / 27 W	2906 lm / 27 W	2226 lm / 28 W	4071 lm / 29 W	4192 lm / 29 W	7403 lm / 53 W	7623 lm / 53 W	5841 lm / 54 W
90°, r 1140 mm	3104 lm / 29 W	3197 lm / 29 W	5932 lm / 53 W	5812 lm / 53 W	4453 lm / 54 W	8143 lm / 55 W	8385 lm / 55 W	14806 lm / 107 W	15246 lm / 107 W	11680 lm / 108 W
45°, r 2860 mm	3104 lm / 29 W	3197 lm / 29 W	5932 lm / 53 W	5812 lm / 53 W	4453 lm / 54 W	8143 lm / 55 W	8385 lm / 55 W	14806 lm / 107 W	15246 lm / 107 W	11680 lm / 108 W

\*Der angegebene Lichtstrom bezieht sich auf die Leuchte mit klarer mikroprismatischer Abdeckung. Die Leuchte wird mit satinierter Folie zur Erhöhung der Homogenität geliefert (Direkt strahlend: -28,2%, direkt/indirekt strahlend: -11,7% Lichtstrom).

The indicated luminous flux corresponds to the luminaire with a clear microprismatic diffuser. The luminaire is delivered with a satinized-foil for increased homogeneity (direct: -28,2%, direct-indirect: -11,7% luminous flux).

Le flux lumineux indiqué correspond au luminaire avec diffuseur microprismatique transparent. Le luminaire est livré avec un film satiné pour optimiser l'homogénéité (direct: -28,2%, direct-indirect: -11,7% sur le flux lumineux).

Il flusso luminoso indicato corrisponde all'apparecchio con diffusore microprismatico trasparente. La lampada é fornita con una pellicola satinata per ottimizzare l'omogeneità (diretto: -28,2%, diretto-indiretto: -11,7% del flusso luminoso).

WEIGHT	direct	direct/indirect
45°, r 552 mm	1,6 kg	1,7 kg
90°, r 552 mm	3,2 kg	3,5 kg
45°, r 730 mm	2,1 kg	2,3 kg
90°, r 730 mm	4,2 kg	4,5 kg
45°, r 1140 mm	4,0 kg	4,4 kg
90°, r 1140 mm	8,0 kg	8,7 kg
45°, r 2860 mm	7,9 kg	8,6 kg



# NEW triflect inset pure 3

Downlight Inset & pure 3



## 1 SPOTS

3 spot

03

6 spots

06

## 2 BLANK COVER COLOUR PURE 3

 white  
 black  
 silver

## 3 DIRECT / INDIRECT

WS

 direct

1



SW

 direct/indirect (only pendant)

2

SI



## 4 OUTPUT / CONTROL

  low output non-dim

L1

  low output DALI

L3

  high output DALI

H3

## 5 REFLECTIVE TUBE COLOUR

 gold  
 silver matte

G

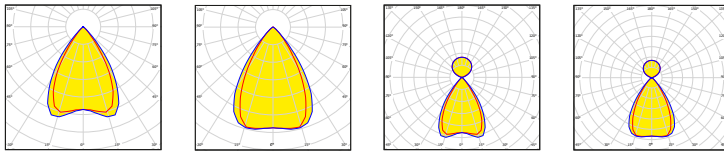
P

P3T-1-2-3-840-4-5

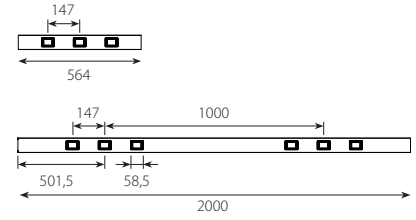
P3T-03-WS1840L1G triflect inset pure 3, 3 spots white, direct, LF840, low output, non-dim, gold (order sample)

CONFIGURE ONLINE

katalog.planlicht.com



direct high-gloss gold      direct silver matte      direct/indirect Reflector gold      direct/indirect Reflector silver



**LUMINOUS FLUX (LM) / SYSTEM POWER (W), CRI > 80**

	direct			direct/indirect		
	low output	high output		low output	high output	
4000 K silver matte						
564 mm	1851 lm / 17,5 W	3018 lm / 32 W	0,9 kg	2879 lm / 23 W	4806 lm / 43 W	1,1 kg
2000 mm	3702 lm / 35 W	6036 lm / 65 W	2,4 kg	7331 lm / 54 W	12010 lm / 100 W	3,0 kg

**COMPARE REFLECTOR COLOUR, 2000 MM, 4000 K, CRI > 80**

silver matte	3702 lm	6036 lm		7331 lm	12010 lm
high-gloss gold	3060 lm	5112 lm		6689 lm	11086 lm

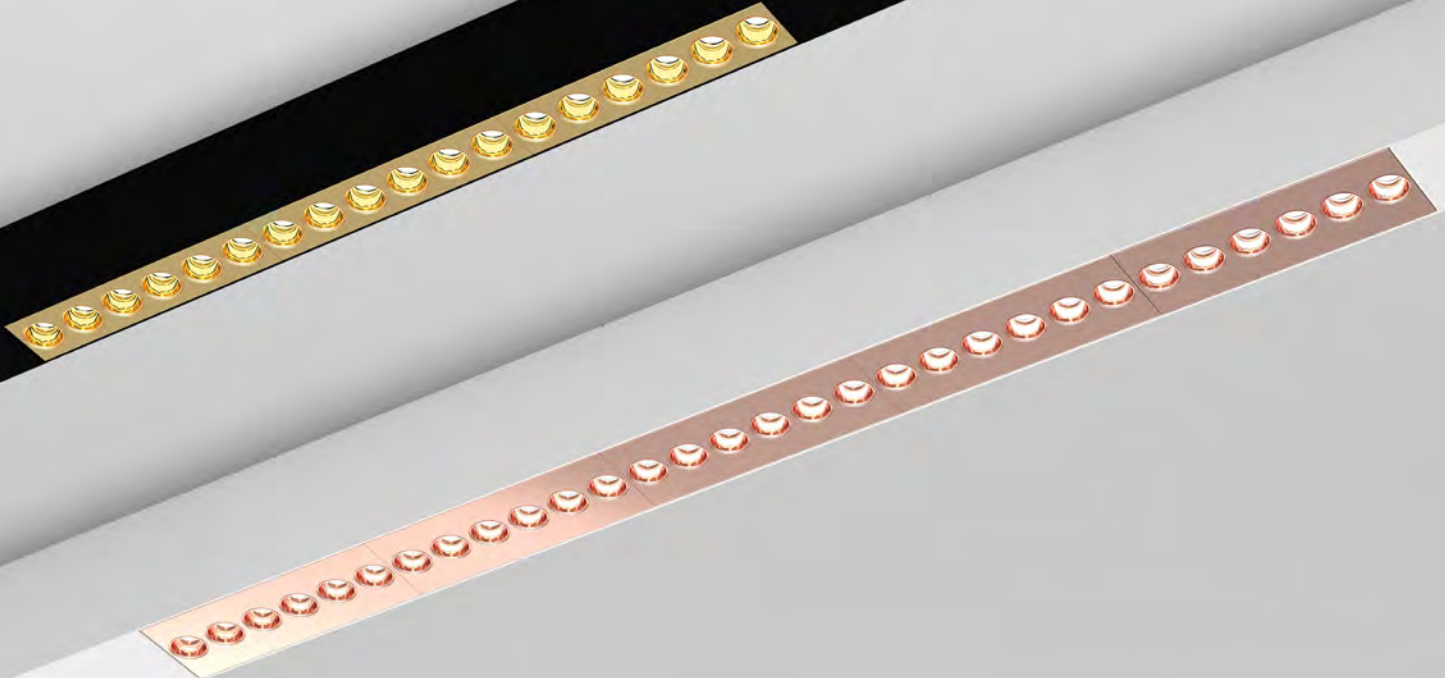
p. 473





# anto+ inset p.forty & pure 3

Downlight Inset p.forty & pure 3



## 1 SPOTS

2 spots	<b>02</b>
4 spots	<b>04</b>
6 spots (2x100mm Blind Cover)	<b>06</b>
8 spots (2x100mm Blind Cover)	<b>08</b>
12 spots (2x100mm Blind Cover)	<b>12</b>
18 spots	<b>18</b>
30 spots	<b>30</b>

## 2 LENS TUBE COLOUR





<b>02</b>	high-gloss silver	<b>B</b>	black (RAL 9005)	<b>N</b>
<b>04</b>	silver matte	<b>P</b>	glaring gold	<b>D</b>
<b>06</b>	high-gloss gold	<b>G</b>	capital cooper	<b>R</b>
<b>08</b>	high-gloss cooper	<b>K</b>	gunnery grey	<b>Y</b>
<b>12</b>	white (RAL 9016)*	<b>W</b>	black chrome matte	<b>C</b>

\* Some Versions UGR < 19



## 3 MASK COLOUR

<b>N</b>	high-gloss silver	<b>B</b>	black (RAL 9005)	<b>N</b>
<b>D</b>	silver matte	<b>P</b>	glaring gold	<b>D</b>
<b>R</b>	high-gloss gold	<b>G</b>	capital cooper	<b>R</b>
<b>Y</b>	high-gloss cooper	<b>K</b>	gunnery grey	<b>Y</b>
<b>C</b>	white (RAL 9016)	<b>W</b>	black chrome matte	<b>C</b>



## 4 LED

	2700 K, CRI > 90	<b>927</b>
	3000 K, CRI > 90	<b>930</b>
	4000 K, CRI > 90	<b>940</b>
	2700 - 6500 K, dynamic white, CRI > 90	<b>HCL</b>





## 5 OUTPUT

	medium output	<b>M</b>
	dynamic white	<b>X</b>

## 6 DIM

	non-dim	<b>1</b>
	DALI, dynamic white	<b>3</b>

## 7 BEAM ANGLE

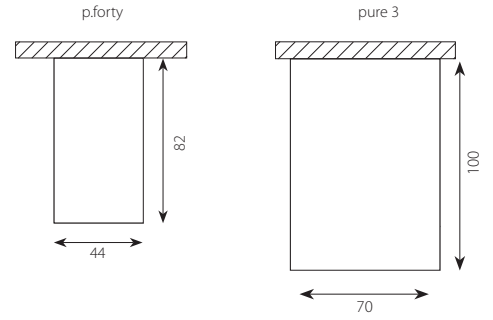
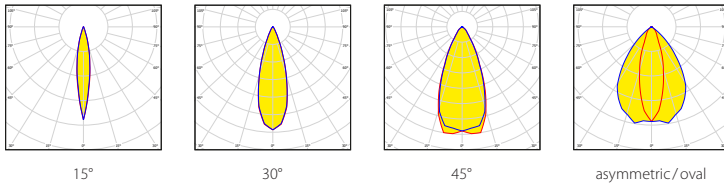
	15°	<b>1</b>
	30°	<b>3</b>
	45°	<b>4</b>
	asymmetric	<b>A</b>

P-A 1-2-3-4-5-6-7

P-A18-PC940M14 Inset 18 spots, lens tube silver matte, mask black chrome matte, 4000 K, non-dim, beam angle 45° (order sample)

CONFIGURE ONLINE

katalog.planlicht.com



LUMINOUS FLUX (LM) / ANTO+ / LENS TUBE SILVER MATTE

	2700K				3000K				4000K				dynamic white			
	15°	30°	45°	asym.	15°	30°	45°	asym.	15°	30°	45°	asym.	15°	30°	45°	asym.
2 spots	241 lm	220 lm	184 lm	193 lm	246 lm	224 lm	188 lm	197 lm	256 lm	234 lm	196 lm	205 lm				
4 spots	478 lm	435 lm	365 lm	382 lm	487 lm	444 lm	372 lm	390 lm	507 lm	463 lm	389 lm	406 lm				
6 spots	737 lm	672 lm	564 lm	590 lm	752 lm	685 lm	575 lm	602 lm	783 lm	714 lm	600 lm	627 lm				
8 spots	990 lm	901 lm	756 lm	791 lm	1008 lm	919 lm	770 lm	807 lm	1050 lm	958 lm	805 lm	840 lm				
12 spots	1526 lm	1391 lm	1167 lm	1221 lm	1557 lm	1418 lm	1190 lm	1246 lm	1621 lm	1478 lm	1242 lm	1298 lm	778 lm	709 lm	595 lm	623 lm
18 spots	2211 lm	2016 lm	1692 lm	1770 lm	2256 lm	2055 lm	1725 lm	1806 lm	2349 lm	2142 lm	1800 lm	1181 lm	1128 lm	1028 lm	863 lm	903 lm
30 spots	3471 lm	3165 lm	2656 lm	2779 lm	3542 lm	3226 lm	2708 lm	2835 lm	3688 lm	3363 lm	2826 lm	2953 lm	1770 lm	1614 lm	1355 lm	1417 lm

SYSTEM POWER (W) / WEIGHT



	non dim DALI		dyn. white		Inset p.forty		Inset pure 3	
					non-dim	DALI/HCL	non-dim	DALI/HCL
2 spots	4,1W				0,1 kg		0,1 kg	
4 spots	7,7W				0,1 kg		0,1 kg	
6 spots	10W				0,3 kg	0,4 kg	0,3 kg	0,4 kg
8 spots	14W				0,5 kg	0,5 kg	0,5 kg	0,5 kg
12 spots	19W		11W		0,5 kg	0,6 kg	0,6 kg	0,6 kg
18 spots	29W		17W		0,6 kg	0,6 kg	0,6 kg	0,7 kg
30 spots	47W		27W		1,0 kg	1,0 kg	1,0 kg	1,0 kg

VARIATIONS ANTO+ INSETS

	MEDIUM OUTPUT		DYNAMIC
	non-dim	DALI	WHITE
2 spots			
4 spots			
6 spots			
8 spots			
12 spots			
18 spots			
30 spots			

- YES
- NO
- YES, BLANK COVERS

PROFILE VIEW



**COMPARE LENS TUBES / ANTO+ INSET 18 SPOTS**

lens tube	2700K				3000K				4000K				dynamic white			
	15°	30°	45°	asym.	15°	30°	45°	asym.	15°	30°	45°	asym.	15°	30°	45°	asym.
silver matte	2211 lm	2016 lm	1692 lm	1770 lm	2256 lm	2055 lm	1725 lm	1806 lm	2349 lm	2142 lm	1800 lm	1881 lm	1128 lm	1028 lm	863 lm	903 lm
high-gloss silver	2364 lm	2169 lm	1986 lm	2124 lm	2412 lm	2211 lm	2025 lm	2166 lm	2511 lm	2307 lm	2112 lm	2303 lm	1206 lm	1106 lm	1013 lm	1083 lm
white 9016	2307 lm	2124 lm	1848 lm	1944 lm	2352 lm	2166 lm	1884 lm	1983 lm	2451 lm	2256 lm	1965 lm	2150 lm	1177 lm	1083 lm	943 lm	991 lm
black 9005	2118 lm	1920 lm	1497 lm	1494 lm	2160 lm	1959 lm	1527 lm	1524 lm	2250 lm	2040 lm	1590 lm	1587 lm	1080 lm	979 lm	763 lm	762 lm
high-gloss gold	2349 lm	2154 lm	1983 lm	2121 lm	2397 lm	2196 lm	2022 lm	2163 lm	2496 lm	2289 lm	2109 lm	2277 lm	1198 lm	1097 lm	1011 lm	1082 lm
high gloss copper	2325 lm	2145 lm	1983 lm	2067 lm	2373 lm	2187 lm	2022 lm	2109 lm	2472 lm	2280 lm	2106 lm	2213 lm	1186 lm	1094 lm	1011 lm	1054 lm
glaring gold	2172 lm	1971 lm	1584 lm	1644 lm	2214 lm	2010 lm	1617 lm	1677 lm	2310 lm	2094 lm	1683 lm	1746 lm	1108 lm	1005 lm	808 lm	838 lm
capital copper	2151 lm	1944 lm	1512 lm	1566 lm	2193 lm	1983 lm	1542 lm	1596 lm	2286 lm	2067 lm	1608 lm	1665 lm	1097 lm	991 lm	771 lm	799 lm
gunnery grey	2202 lm	1980 lm	1590 lm	1650 lm	2247 lm	2019 lm	1623 lm	1683 lm	2340 lm	2106 lm	1689 lm	1755 lm	1123 lm	1010 lm	811 lm	842 lm
black chrome matte	2244 lm	2043 lm	1716 lm	1803 lm	2289 lm	2085 lm	1749 lm	1839 lm	2385 lm	2172 lm	1824 lm	1914 lm	1144 lm	1042 lm	875 lm	920 lm



Nobelstyle Graz, Foto: Alexander Künzel



# zenit S inset p.forty & pure 3

Strahler Inset p.forty & pure 3  
 Spotlight Inset p.forty & pure 3  
 Projecteur Inset p.forty & pure 3  
 Proiettorre Inset p.forty & pure 3





## 1 SPOTS

1 spot	1
2 spots	2

## 2 REFLECTIVE TUBE COLOUR

 gold	G
 black	S


## 3 HOUSING COLOUR

 white	W
 black	S



## 4 BLANK COVER COLOUR

 white	WS
 black	SW
 silver	SI

## 5 LED

 3000 K, CRI > 80	830
 4000 K, CRI > 80	840
 2700 K, CRI > 90	927
 3000 K, CRI > 90	930
 3500 K, CRI > 90	935
 4000 K, CRI > 90	940




## 6 OUTPUT

 low output	L
 high output	H

## 7 DIM/DALI

 non-dim	1
 DALI	3

## 8 REFLECTOR

 16°	1
 23°	2
 40°	4

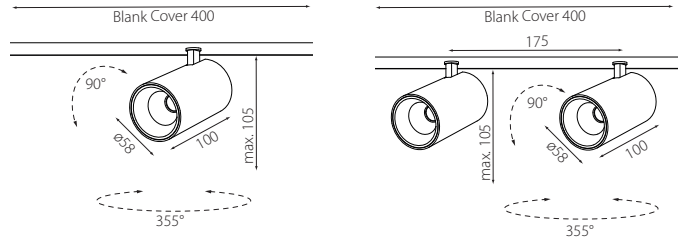
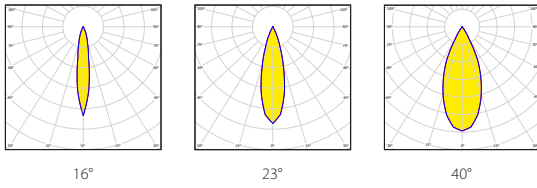
P40-Z1S-2345678

P33-Z1S-2345678

CONFIGURE ONLINE

P33-Z2S-GSWS940H32 Inset pure 3, 2 spots black, anti-glare cone gold, LF940, high output, DALI, 23°, blank cover in white (order sample)

katalog.planlicht.com



LUMINOUS FLUX (LM) / SYSTEM POWER (W)\*

	low output (7 W)						high output (11 W)						kg
	16°		23°		40°		16°		23°		40°		
	gold	black	gold	black	gold	black	gold	black	gold	black	gold	black	
LF830 3000 K	820lm	796lm	784lm	761lm	768lm	746lm	1161lm	1127lm	1112lm	1079lm	1088lm	1056lm	1kg
LF840 4000 K	859lm	834lm	825lm	801lm	803lm	779lm	1217lm	1181lm	1172lm	1138lm	1139lm	1106lm	1kg
LF927 2700 K	644lm	625lm	623lm	605lm	609lm	591lm	913lm	887lm	881lm	855lm	862lm	837lm	1kg
LF930 3000 K	672lm	653lm	646lm	627lm	631lm	613lm	933lm	906lm	903lm	877lm	878lm	852lm	1kg
LF935 3500 K	704lm	683lm	679lm	659lm	660lm	641lm	987lm	958lm	952lm	924lm	925lm	898lm	1kg
LF940 4000 K	713lm	692lm	686lm	666lm	667lm	647lm	988lm	960lm	943lm	916lm	921lm	895lm	1kg

\* figures per single spot

OPTIONAL ACCESSORY

- Honeycomb glare protection S10-BLE-58
- Oval spot lens S10-OZL-58
- Clear protective glass S10-SGL-58
- Blur glass S10-WGL-58



Reflektortausch werkzeuglos möglich.  
 Passive Kühlung. Komplettstrahler inklusive Reflektor und Konverter.  
 Replacement of the reflector without any tools.  
 Passive cooling. Complete spotlight including reflector and converter.  
 Remplacement du réflecteur sans outil.  
 Refroidissement passif. Projecteur complet incluant réflecteur et convertisseur.  
 Sostituzione del riflettore senza utensili.  
 Raffreddamento passivo. Proiettore completo incluso riflettore e convertitore.



# zenit XS inset pure 3

Strahler Inset pure 3  
 Spotlight Inset pure 3  
 Projecteur Inset pure 3  
 Proiettorre Inset pure 3





## 1 SPOTS

1 spot  
 2 spots

1  
 2

## 2 REFLECTIVE TUBE COLOUR

 gold  
 black

## 3 HOUSING COLOUR






 white  
 black

## 4 BLANK COVER COLOUR PURE 3

 white  
 black  
 silver

**WS**  
**SW**  
**SI**

## 5 LED

 LF830 3000K  
 LF840 4000K  
 LF927 2700K  
 LF930 3000K  
 LF940 4000K

**830**  
**840**  
**927**  
**930**  
**940**

## 6 DIM

 non-dim  
 DALI

**1**  
**3**

## 7 REFLECTOR

 24°  
 40°

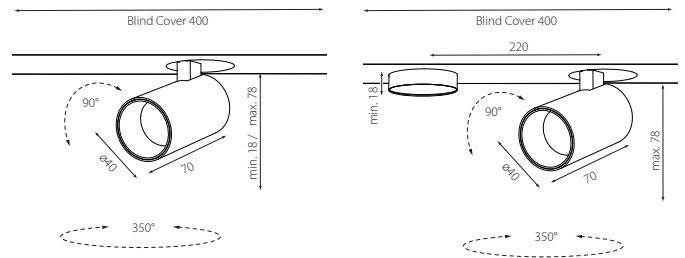
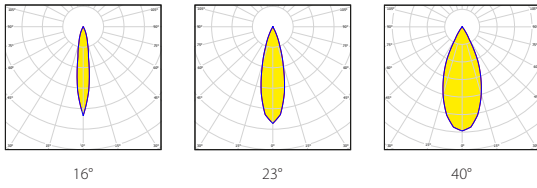
**1**  
**3**

P33-Z1XS-2345H67

P33-Z2XS-SWWS930H14 2 spots white, anti-glare cone black, LF930, high output, non-dim, 40°, blank cover pure 3 in white (order sample)

**CONFIGURE ONLINE**

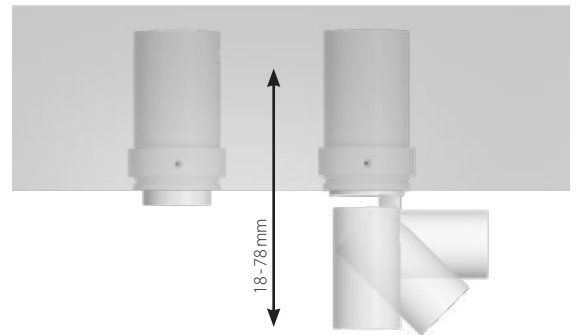
katalog.planlicht.com



**LUMINOUS FLUX (LM) / SYSTEM POWER (W)\***

	24° (7,7W)		40° (7,7W)		
	gold	black	gold	black	
LF830 3000K	507 lm	453 lm	496 lm	443 lm	0,8 kg
LF840 4000K	529 lm	473 lm	518 lm	463 lm	0,8 kg
LF927 2700K	380 lm	340 lm	373 lm	333 lm	0,8 kg
LF930 3000K	404 lm	361 lm	395 lm	353 lm	0,8 kg
LF940 4000K	433 lm	387 lm	423 lm	378 lm	0,8 kg

\* figures per single spot



**OPTIONAL ACCESSORY**

- Honeycomb glare protection **S10-BLE-40**
- Oval spot lens **S10-OZL-40**
- Blur glass **S10-WGL-40**



Reflektortausch werkzeuglos möglich. Passive Kühlung. Komplettrahler inklusive Reflektor und Konverter.  
 Replacement of the reflector without any tools. Passive cooling. Complete spotlight including reflector and converter.  
 Remplacement du réflecteur sans outil. Refroidissement passif. Projecteur complet incluant réflecteur et convertisseur.  
 Sostituzione del riflettore senza utensili. Raffreddamento passivo. Proiettore completo incluso riflettore e convertitore.





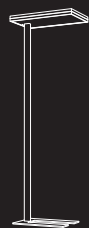
# FLOOR LAMP

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Stehleuchte  
*Floor lamp*  
*Lampadaire*  
*Lampada a stelo*

2.6



**XERXES**  
*p. 422*



# xerxes




Stehleuchte  
Floor lamp  
Lampadaire  
Lampada a stelo





## 1 COLOUR

-  silver
-  white
-  black

## 2 LED

- |             |  |            |
|-------------|--|------------|
| <b>SISI</b> |  3000 K, CRI > 90                                   | <b>930</b> |
| <b>WSWS</b> |  4000 K, CRI > 90                                   | <b>940</b> |
| <b>SWSW</b> |  2700 - 6500 K, dynamic white, CRI > 90 (no sensor) | <b>HCL</b> |

## 3 DIMMING & SENSORS

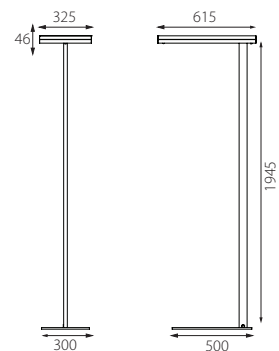
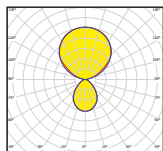
- |   |                            |           |
|---|----------------------------|-----------|
|  | dimmable, no sensor        | <b>X3</b> |
|  | daylight and motion sensor | <b>X7</b> |

T59T061-1C22X3M

T59T061-WSWSC2940X7M white, 4000K, Sensor (order sample)

[CONFIGURE ONLINE](#)

[katalog.planlicht.com](http://katalog.planlicht.com)



**LUMINOUS FLUX (LM) / SYSTEM POWER (W)**

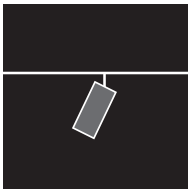
3000K	4000K	dynamic white	 15,1 kg
8230lm/78W	8670lm/78W	7630lm/67W	



220-240V | UGR < 13 | up to L90 / 50.000 h | up to 111lm/m | IEC 62471: Blue light hazard: RG ≤ 1 | MacAdam 3

# 3-PHASE TRACK LIGHTS

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3-Phasen Leuchten

*3-Phase track lights*

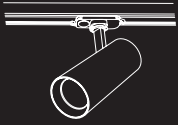
*Luminaires pour rail 3 phases*

*Apparecchio per binario 3-fase*

2.7

3-Phasen-Strahler - 3-Phase spotlights

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**ZENIT M** *NEW*  
p. 426



**METEOR**  
p. 432



**ZENIT N**  
p. 428



**ZENIT S**  
p. 430

3-Phasen-Leuchten - Track mounted luminaires

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**P.FORTY**  
light technology meets eye comfort  
p. 434



**PURE 3**  
most flexible profile system  
p. 436

Komponenten - Components

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p. 438





(non-dim)

**1 COLOUR**






-  white
-  black

**SWWS**  
**SWSW**

**2 LED**

-  3000 K, CRI > 80
-  4000 K, CRI > 80
-  2700 K, CRI > 90
-  3000 K, CRI > 90
-  3500 K, CRI > 90
-  4000 K, CRI > 90
-  3250 K, Fashion
-  Bakery goods
-  Meat
-  Sausage products
-  Fish
-  Fruits & Vegetables




**3 OUTPUT**

-  low output
-  medium output
-  high output
-  very high output
-  extra high output (only non-dim & DALI, Stucchi)

**830**  
**840**  
**927**  
**930**  
**935**  
**940**  
**FAS**  
**BAC**  
**FLE**  
**WUR**  
**FIS**  
**FRU**




**L**  
**M**  
**H**  
**V**  
**E**

**4 NON-DIM, DALI**

-  non-dim
-  DALI Eutrac 3
-  DALI, Stucchi OneTrack

**1**  
**3**  
**G**

**5 REFLECTOR**

-  23° (UGR < 16)
-  40° (UGR < 16)
-  60°

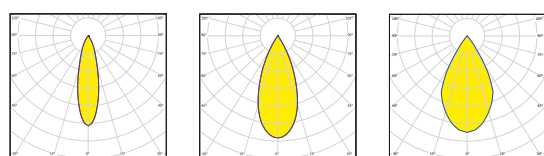
**2**  
**4**  
**6**

S10S200-**1C12345**

S10S200-SWWSC1940HG4 white, LF940, high output, DALI Stucchi, 40° (order sample)

**CONFIGURE ONLINE**


katalog.planlicht.com

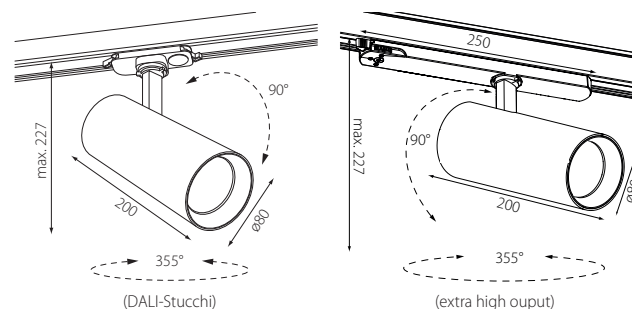


23°

40°

60°

 Weight (kg)  
1,4 kg



(DALI-Stucchi)

(extra high output)

Reflektortausch werkzeuglos möglich.  
Passive Kühlung. Komplettrahler inklusive Reflektor und Konverter.  
Replacement of the reflector without any tools.  
Passive cooling. Complete spotlight including reflector and converter.  
Refroidissement passif. Projecteur complet incluant réflecteur et convertisseur.  
Sostituzione del riflettore senza utensili.  
Raffreddamento passivo. Proiettore completo incluso riflettore e convertitore.

### LUMINOUS FLUX (LM) / SYSTEM POWER (W)

	low output (9,3- 10W)			medium output (11 - 12W)			high output (17 - 18,5W)			very high output (22 - 24 W)			extra high output (41 - 44 W)		
	23°	40°	60°	23°	40°	60°	23°	40°	60°	23°	40°	60°	23°	40°	60°
LF830 3000K	1112lm	1107lm	1088lm	1322lm	1316lm	1293lm	1931lm	1917lm	1884lm	2505lm	2482lm	2440lm	4340lm	4300lm	4090lm
LF840 4000K	1180lm	1164lm	1144lm	1404lm	1384lm	1360lm	2050lm	2023lm	1988lm	2658lm	2624lm	2579lm	4605lm	4546lm	4324lm
LF927 2700K	901lm	899lm	884lm	1072lm	1069lm	1051lm	1565lm	1565lm	1538lm	2029lm	2018lm	1983lm	3515lm	3496lm	3325lm
LF930 3000K	944lm	952lm	936lm	1122lm	1130lm	1111lm	1629lm	1643lm	1615lm	2102lm	2120lm	2084lm	3247lm	3275lm	3219lm
LF935 3500K	967lm	974lm	957lm	1151lm	1159lm	1139lm	1687lm	1696lm	1667lm	2196lm	2203lm	2165lm	3393lm	3403lm	3345lm
LF940 4000K	976lm	989lm	972lm	1161lm	1175lm	1155lm	1696lm	1713lm	1684lm	2199lm	2219lm	2181lm	3397lm	3428lm	3369lm
FAS	880lm	880lm	837lm	1047lm	1046lm	995lm	1531lm	1523lm	1449lm	1988lm	1969lm	1873lm	3444lm	3411lm	3244lm
BAC	604lm	598lm	569lm	716lm	710lm	675lm	1038lm	1034lm	984lm	1333lm	1336lm	1271lm	2309lm	2315lm	2202lm
FLE	604lm	598lm	569lm	717lm	710lm	675lm	1039lm	1031lm	981lm	1334lm	1328lm	1263lm	2311lm	2301lm	2189lm
WUR	570lm	568lm	540lm	679lm	676lm	643lm	994lm	990lm	942lm	1293lm	1287lm	1224lm	2240lm	2230lm	2121lm
FIS	924lm	924lm	879lm	1100lm	1098lm	1044lm	1608lm	1599lm	1521lm	2088lm	2067lm	1966lm	3618lm	3581lm	3406lm
FRU	774lm	769lm	731lm	930lm	924lm	879lm	1403lm	1396lm	1328lm	1879lm	1875lm	1783lm	3255lm	3249lm	3090lm

### OPTIONAL ACCESSORY

Honeycomb glare protection	S10-BLE-80
Oval spot lens	S10-OZL-80
Clear protective glass	S10-SGL-80
Blur glass	S10-WGL-80



230V | up to L90/50.000h | up to 118lm/W | IEC 62471: Blue light hazard: RG ≤ 1 | MacAdam 3 | DALI

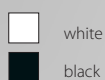


# zenit N

Strahler  
Spotlight  
Projecteur  
Proiettore



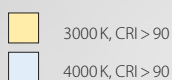
## 1 COLOUR



white  
black

**SWWS**  
**SWSW**

## 2 LED



3000 K, CRI > 90  
4000 K, CRI > 90

**930**  
**940**

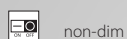
## 3 OUTPUT



high output

**H**

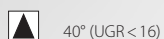
## 4 NON-DIM



non-dim

**1**

## 5 REFLECTOR



40° (UGR < 16)

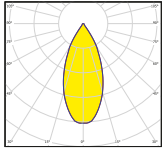
**4**

S10S104-1C12345


S10S104-SWWS-C1940H14 white, LF940, high output, non-dim, 40° (order sample)

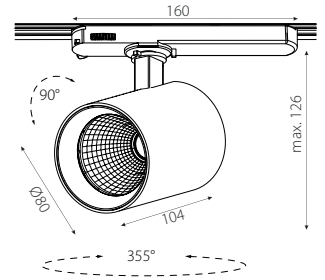
**CONFIGURE ONLINE**

katalog.planlicht.com



40°

 Weight (kg)  
0,6 kg



Reflektortausch werkzeuglos möglich.  
Passive Kühlung. Komplettrahler inklusive Reflektor und Konverter.  
*Replacement of the reflector without any tools.  
Passive cooling. Complete spotlight including reflector and converter.*  
*Remplacement du réflecteur sans outil.  
Refroidissement passif. Projecteur complet incluant réflecteur et convertisseur.*  
*Sostituzione del riflettore senza utensili.  
Raffreddamento passivo. Proiettore completo incluso riflettore e convertitore.*

**LUMINOUS FLUX (LM) / SYSTEM POWER (W)**

	high output (27W)
	40°
LF930 3000 K	2680 lm
LF940 4000 K	2821 lm

**OPTIONAL ACCESSORIES**

Honeycomb glare protection	S10-BLE-80
Oval spot lens	S10-OZL-80
Clear protective glass	S10-SGL-80
Blur glass	S10-WGL-80



230V | up to L90/50.000 h | up to 104lm/W | IEC 62471: Blue light hazard: RG ≤ 1 | MacAdam 3

# zenit S

Strahler  
Spotlight  
Projecteur  
Proiettore



## 1 ANTI-GLARE ATTACHMENT



gold

black

**GD**

**SW**

## 2 COLOUR



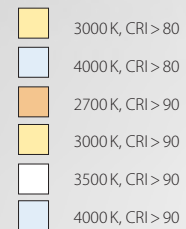
white

black

**WS**

**SW**

## 3 LED



3000 K, CRI > 80

4000 K, CRI > 80

2700 K, CRI > 90

3000 K, CRI > 90

3500 K, CRI > 90

4000 K, CRI > 90

**830**

**840**

**927**

**930**

**935**

**940**

## 4 OUTPUT



low output

high output

**L**

**H**

## 5 NON-DIM, DALI



non-dim

DALI, Stucchi One Track

**1**

**G**

## 5 REFLECTOR



16° (UGR < 16)

23° (UGR < 16)

40° (UGR < 16)

**1**

**2**

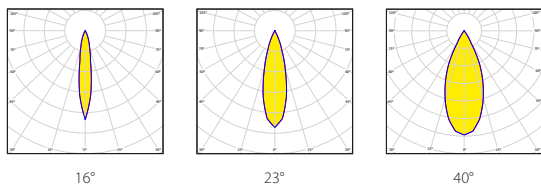
**4**

S10S100-1 2 C1 3 4 5

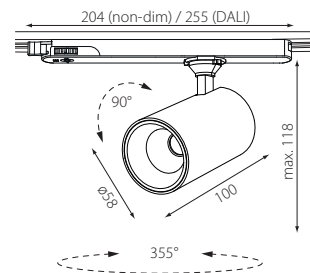
S10S100-GDWSC1940H12 gold, white, LF940, high output, non-dim, 23° (order sample)

**CONFIGURE ONLINE**

katalog.planlicht.com



Weight (kg)  
0,35 kg



Reflektortausch werkzeuglos möglich.  
 Passive Kühlung. Komplettrahler inklusive Reflektor und Konverter.  
 Replacement of the reflector without any tools.  
 Passive cooling. Complete spotlight including reflector and converter.  
 Remplacement du réflecteur sans outil.  
 Refroidissement passif. Projecteur complet incluant réflecteur et convertisseur.  
 Sostituzione del riflettore senza utensili.  
 Raffreddamento passivo. Proiettore completo incluso riflettore e convertitore.

**LUMINOUS FLUX (LM) / SYSTEM POWER (W)**

	low output (7,3W)						high output (11W)					
	16°		23°		40°		16°		23°		40°	
	gold	black	gold	black	gold	black	gold	black	gold	black	gold	black
LF830 3000K	820lm	796lm	784lm	761lm	768lm	746lm	1161lm	1127lm	1112lm	1079lm	1088lm	1056lm
LF840 4000K	859lm	834lm	825lm	801lm	803lm	779lm	1217lm	1181lm	1172lm	1138lm	1139lm	1106lm
LF927 2700K	644lm	625lm	623lm	605lm	609lm	591lm	913lm	887lm	881lm	855lm	862lm	837lm
LF930 3000K	672lm	653lm	646lm	627lm	631lm	613lm	933lm	906lm	903lm	877lm	878lm	852lm
LF935 3500K	704lm	683lm	679lm	659lm	660lm	641lm	987lm	958lm	952lm	924lm	925lm	898lm
LF940 4000K	713lm	692lm	686lm	666lm	667lm	647lm	988lm	960lm	943lm	916lm	921lm	895lm

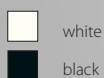
**OPTIONAL ACCESSORIES**

Honeycomb glare protection	S10-BLE-58
Oval spot lens	S10-OZL-58
Clear protective glass	S10-SGL-58
Blur glass	S10-WGL-58





## 1 COLOUR

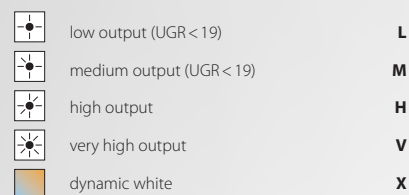


**WSWS**  
**SWSW**

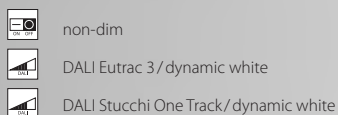
## 2 LED



## 3 OUTPUT

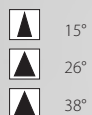


## 4 NON-DIM, DALI, DYNAMIC WHITE



**1**  
**3**  
**G**

## 5 REFLECTOR



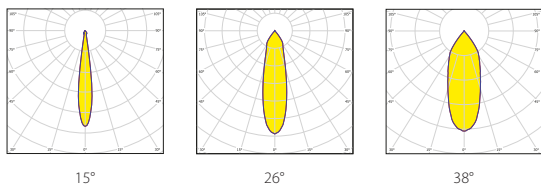
**1**  
**2**  
**3**

S03S172-1C12345

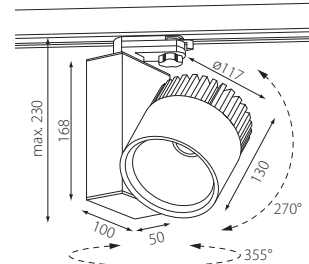
S03S172-SWSWC1935V33 black, LF935, very high output, DALI, 38° (order sample)

CONFIGURE ONLINE

katalog.planlicht.com



**Weight (kg)**  
1,4 kg



Reflektortausch werkzeuglos möglich.  
 Passive Kühlung. Komplettrahler inklusive Reflektor und Konverter.  
 Replacement of the reflector without any tools.  
 Passive cooling. Complete spotlight including reflector and converter.  
 Refroidissement passif. Projecteur complet incluant réflecteur et convertisseur.  
 Sostituzione del riflettore senza utensili.  
 Raffreddamento passivo. Proiettore completo incluso riflettore e convertitore.

**LUMINOUS FLUX (LM) / SYSTEM POWER (W)**

	low output (19,5 - 20W)			medium output (25 - 26W)			high output (31 - 32W)			very high output (43 - 44W)			dynamic white (40W)		
	15°	26°	38°	15°	26°	38°	15°	26°	38°	15°	26°	38°	15°	26°	38°
LF830 3000K	2587lm	2729lm	2727lm	3246lm	3429lm	3428lm	3850lm	4072lm	4073lm	4734lm	5021lm	5028lm			
LF840 4000K	2726lm	2880lm	2874lm	3426lm	3626lm	3618lm	4072lm	4318lm	4305lm	5028lm	5349lm	5330lm			
LF927 2700K	2104lm	2230lm	2222lm	2646lm	2802lm	2794lm	3145lm	3330lm	3322lm	3884lm	4111lm	4104lm			
LF930 3000K	2220lm	2392lm	2387lm	2799lm	3008lm	3003lm	3335lm	3577lm	3572lm	4140lm	4421lm	4416lm			
LF935 3500K	2288lm	2461lm	2452lm	2890lm	3107lm	3094lm	3454lm	3712lm	3693lm	4306lm	4623lm	4594lm			
LF940 4000K	2311lm	2487lm	2482lm	2908lm	3125lm	3122lm	3459lm	3712lm	3711lm	4277lm	4737lm	4747lm			
FAS	1932lm	2031lm	2027lm	2473lm	2596lm	2593lm	2996lm	3140lm	3138lm	3989lm	4167lm	4170lm			
BAC	1306lm	1377lm	1376lm	1664lm	1748lm	1748lm	2008lm	2100lm	2102lm	2647lm	2745lm	2752lm			
FLE	1310lm	1379lm	1378lm	1671lm	1754lm	1753lm	2017lm	2110lm	2108lm	2665lm	2769lm	2766lm			
WUR	1263lm	1327lm	1323lm	1614lm	1691lm	1687lm	1953lm	2037lm	2034lm	2589lm	2683lm	2683lm			
FIS	2048lm	2153lm	2149lm	2621lm	2753lm	2748lm	3176lm	3328lm	3326lm	4228lm	4416lm	4419lm			
FRU	1935lm	2031lm	2019lm	2439lm	2548lm	2534lm	2908lm	3023lm	3006lm	3739lm	3845lm	3823lm			
dynamic white													2811lm	2989lm	2966lm

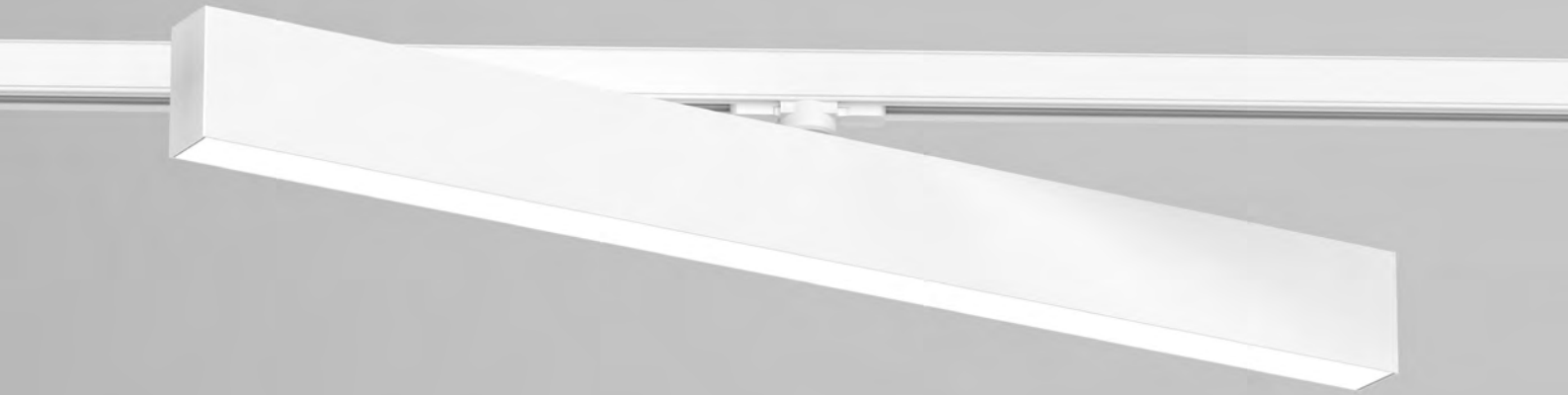
**OPTIONAL ACCESSORY**

Honeycomb glare protection **S03-BLE-99**



230V | up to L90/50.000h | up to 148lm/W | IEC 62471: Blue light hazard: RG ≤ 1 | MacAdam 3 | DALI














**1 SIZE**

574 mm	<b>057</b>
854 mm	<b>085</b>
1134 mm	<b>113</b>
1414 mm	<b>141</b>





**2 COLOUR**

	silver
	white
	black
	RAL of your choice (p. 479)

**3 LED**

<b>9006</b>		3000 K, CRI > 80	<b>830</b>
<b>9016</b>		4000 K, CRI > 80	<b>840</b>
<b>9005</b>		3000 K, CRI > 90	<b>930</b>
		4000 K, CRI > 90	<b>940</b>
		2700 - 6500 K dynamic white, CRI > 90	<b>HCL</b>

**4 OUTPUT**

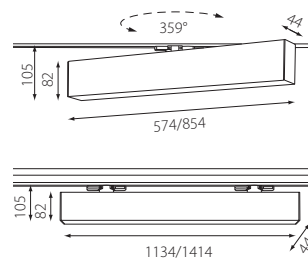
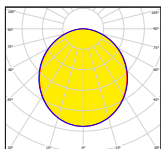
	low output non-dim	<b>L1</b>
	low output DALI Eutrac	<b>L3</b>
	high output DALI Eutrac	<b>H3</b>
	dynamic white	<b>X3</b>

P40S **1-2-C1-3-4-S**


P40S085-9005C1830H3S 854 mm, black, high output, DALI, satiné (order sample)

**CONFIGURE ONLINE**

[katalog.planlicht.com](http://katalog.planlicht.com)



**LUMINOUS FLUX (LM) / SYSTEM POWER (W), CRI > 80**

	low output		high output		
	3000 K	4000 K	3000 K	4000 K	
574 mm	816lm / 8,4W	814lm / 8,4W	1380lm / 13W	1360lm / 13W	1,5 kg
854 mm	1227lm / 11,5W	1230lm / 11,5W	2080lm / 19W	2080lm / 19W	2,0 kg
1134 mm	1645lm / 14,5W	1664lm / 14,5W	2803lm / 25W	2879lm / 25W	2,7 kg
1414 mm	2051lm / 17,5W	2075lm / 17,5W	3519lm / 31W	3606lm / 31W	3,2 kg

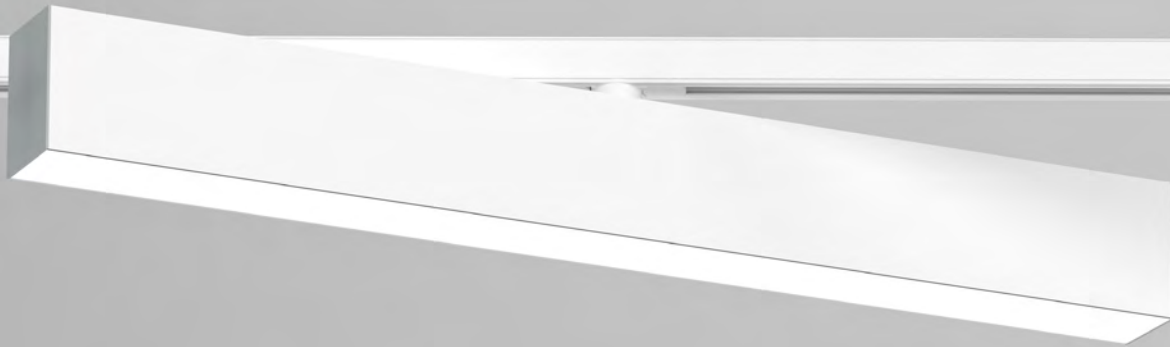
p. 473





# pure 3





3-Phasen-Leuchte  
Track mounted luminaire  
Luminaire pour rail 3 phases  
Apparecchio universale per binario 3-fase








## 1 SIZE

574 mm	<b>057</b>
854 mm	<b>085</b>
1134 mm	<b>113</b>
1414 mm	<b>141</b>








## 2 COLOUR

	silver
	white
	black
	RAL of your choice (p. 479)

## 3 LED

<b>9006</b>		3000 K, CRI > 80	<b>830</b>
<b>9016</b>		4000 K, CRI > 80	<b>840</b>
<b>9005</b>		3000 K, CRI > 90	<b>930</b>
		4000 K, CRI > 90	<b>940</b>
		2700 - 6500 K dynamic white, CRI > 90	<b>HCL</b>

## 4 OUTPUT

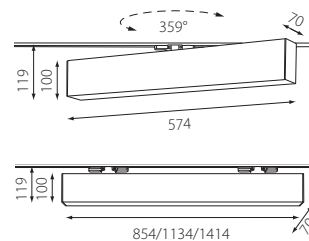
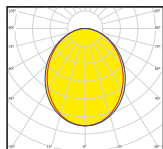
		low output non-dim	<b>L1</b>
		low output DALI Eutrac	<b>L3</b>
		high output DALI Eutrac	<b>H3</b>
		dynamic white	<b>X3</b>

P33S **1-2C134S**

P33S141-9016C1840L1S 1414 mm, white, 4000 K, low output non-dim, satiné (order sample)

**CONFIGURE ONLINE**

katalog.planlicht.com



LUMINOUS FLUX (LM) / SYSTEM POWER (W), CRI > 80

	low output		high output		
	3000 K	4000 K	3000 K	4000 K	
574 mm	790lm / 8,9W	812lm / 8,9W	1332lm / 14,5W	1365 lm / 14,5W	2,3 kg
854 mm	1159lm / 12,5 W	1192lm / 12,5W	2001 lm / 21W	2045 lm / 21 W	3,2 kg
1134 mm	1552 lm / 16W	1597 lm / 16W	2687 lm / 27W	2767 lm / 27W	4,0 kg
1414 mm	1911 lm / 19W	1962 lm / 19W	3335 lm / 33W	3434 lm / 33W	5,0 kg

p. 473

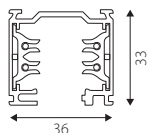


# Components non-dim



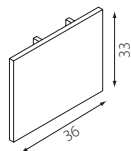
## 01 SURFACE-MOUNT TRACK

	1000 mm	676001AL
	1000 mm	676001SW
	1000 mm	676001WS
	2000 mm	676002AL
	2000 mm	676002SW
	2000 mm	676002WS
	3000 mm	676003AL
	3000 mm	676003SW
	3000 mm	676003WS
	4000 mm	676004AL
	4000 mm	676004SW
	4000 mm	676004WS



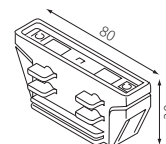
## 02 END CAP

	676011SI
	676011SW
	676011WS



## 03 LINEAR CONDUCTIVE CONNECTOR

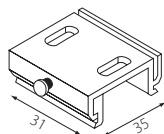
	676006SW
	676006WS



leitend  
conductive  
conducteur  
conduttivo

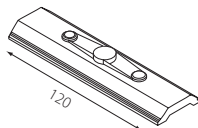
## 04 CLAMP

	676013
--	--------



## 05 LINEAR NON-CONDUCTIVE CONNECTOR

	676023
--	--------



## 06 CENTRAL POWER FEED

	676007SI
	676007SW
	676007WS

## 07 POWER END FEED

	676004LSI
	676004LSW
	676004LWS

## 08 POWER END FEED

	676004RSI
	676004RSW
	676004RWS

## 09 COVER

	1000 mm	676019SW
	1000 mm	676019WS

## 10 X-CONNECTOR

	676022SI
	676022SW
	676022WS

## 11 FLEXIBLE CONNECTOR

	676010SI
	676010SW
	676010WS

## 12 T-CONNECTOR

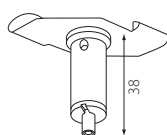
	676012LSI
	676012LSW
	676012LWS
	676012RSI
	676012RSW
	676012RWS

## 13 L-CONNECTOR

	676008LSI
	676008LSW
	676008LWS
	676008RSI
	676008RSW
	676008RWS

## 14 CLIP CADDY T-RAIL

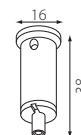
	SB0760
--	--------



26 mm mit Schnellspanner,  
für Stahlseil 1 mm.  
26 mm with quick release,  
for steel cable 1 mm.  
26 mm tendeur rapide inclus,  
pour câble en acier 1 mm.  
26 mm con gancio rapido,  
per cavo d'acciaio 1 mm.

## 15 CEILING ATTACHMENT WITH QUICK RELEASE

	26 mm, with quick release for steel rope 1 mm	BS7100
--	--	--------



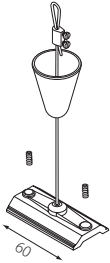
für Stahlseil 1 mm  
for steel rope 1 mm  
pour câble en acier 1 mm  
per cavo d'acciaio 1 mm

16 SUSPENSION ROPE



- 676014SW
- 676014WS
- 676016SW
- 676016WS

für Deckenhaken  
for ceiling hooks  
pour crochet au plafond  
per gancio soffitto

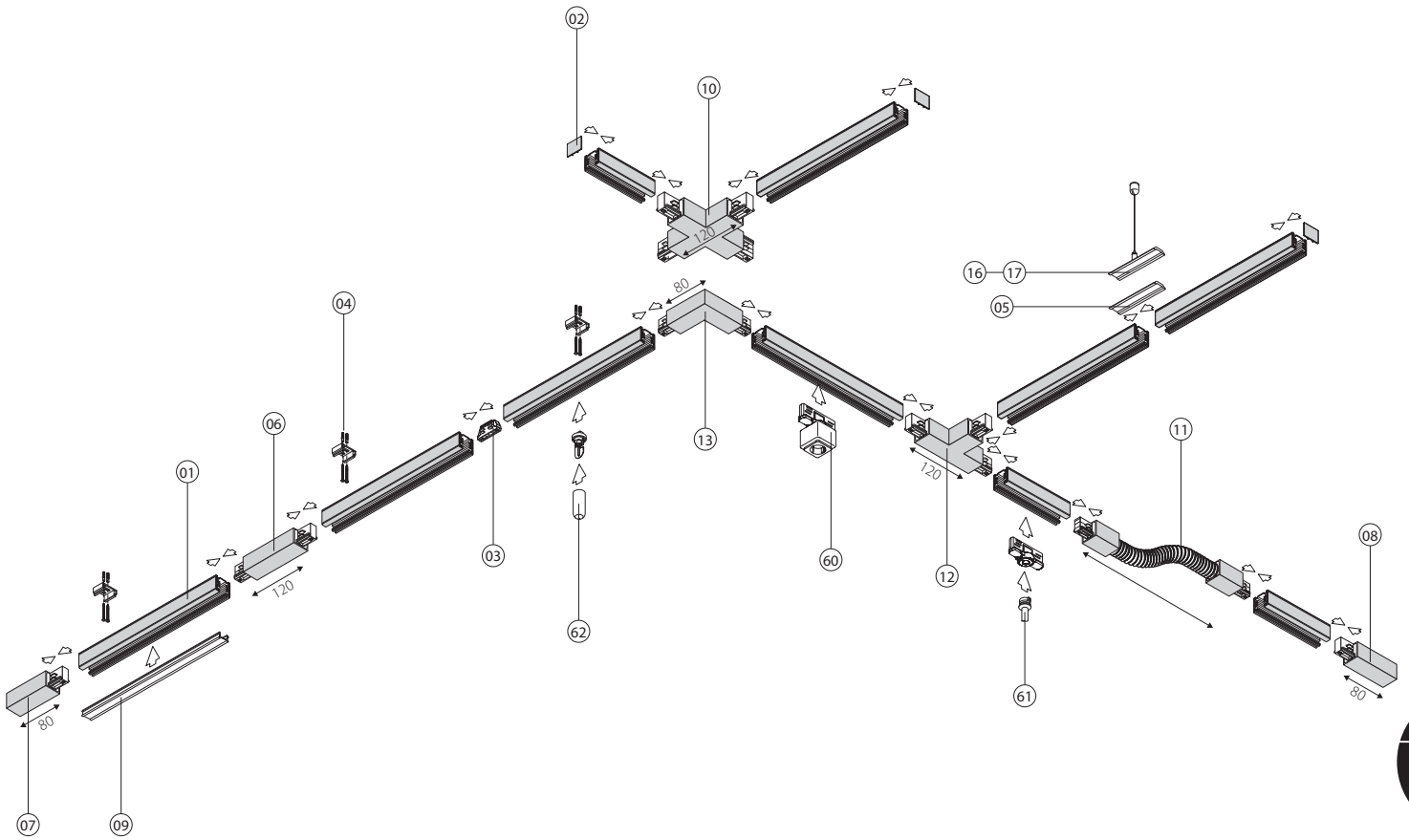
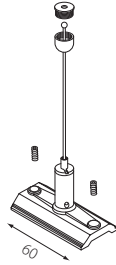


17 WITH CEILING MOUNTS

- 2000 mm
- 6000 mm

- 676026WS
- 676026WS-6

Inklusive Schnellspanner unten.  
Include the quick release below.  
Tendeurs rapides ci-dessous inclus.  
Incluso gancio rapido sotto.



- ← left
- right
- ⊙ inside
- ⊙ outside
- silver
- black
- white
- chrome



# Components non-dim



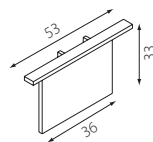
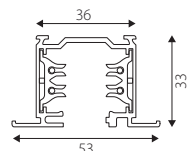
## 21 RECESSED TRACK

	1000 mm	679001AL
	1000 mm	679001SW
	1000 mm	679001WS
	2000 mm	679002AL
	2000 mm	679002SW
	2000 mm	679002WS
	3000 mm	679003AL
	3000 mm	679003SW
	3000 mm	679003WS
	4000 mm	679004AL
	4000 mm	679004SW
	4000 mm	679004WS

## 22 END CAP

	677659100W20
	677659100W30
	677659100W31

**CUT OUT**  
↕ 37 mm



## 23 CENTRAL POWER FEED

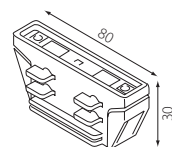
	679007SI
	679007SW
	679007WS

## 24 POWER END FEED

	679004LSI
	679004LSW
	679004LWS
	679004RSI
	679004RSW
	679004RWS

## 03 LINEAR CONDUCTIVE CONNECTOR

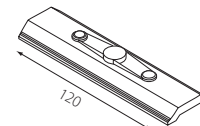
	676006SW
	676006WS



leitend  
conductive  
conducteur  
conduttivo

## 05 LINEAR NON-CONDUCTIVE CONNECTOR

	676023
--	--------



## 09 COVER

	1000 mm	676019SW
	1000 mm	676019WS

## 25 MOUNTING FRAME FOR INSTALLATION-POINT OUTLET

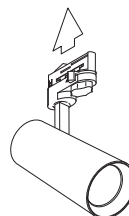
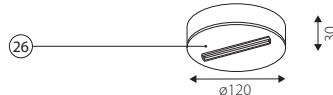
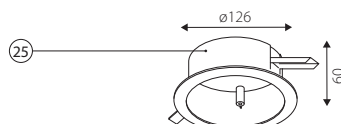
	71555072273
	71555072272
	71555072276

Belastbar bis 10 kg; inkl. Daten-Bus-Kontakten; für Deckenstärke bis max. 30 mm.

Load capacity up to 10 kg; data bus pins included; for ceilings up to 30 mm thick.

Charge max 10 kg; connexion pour bus de données incluse; pour plafonds de 30 mm d'épaisseur max.

Capacità di carico fino a 10 kg; pin del bus dati inclusi; per soffitti fino a 30 mm di spessore.



## 26 SURFACE-MONOPOINT

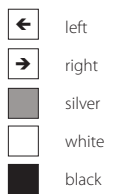
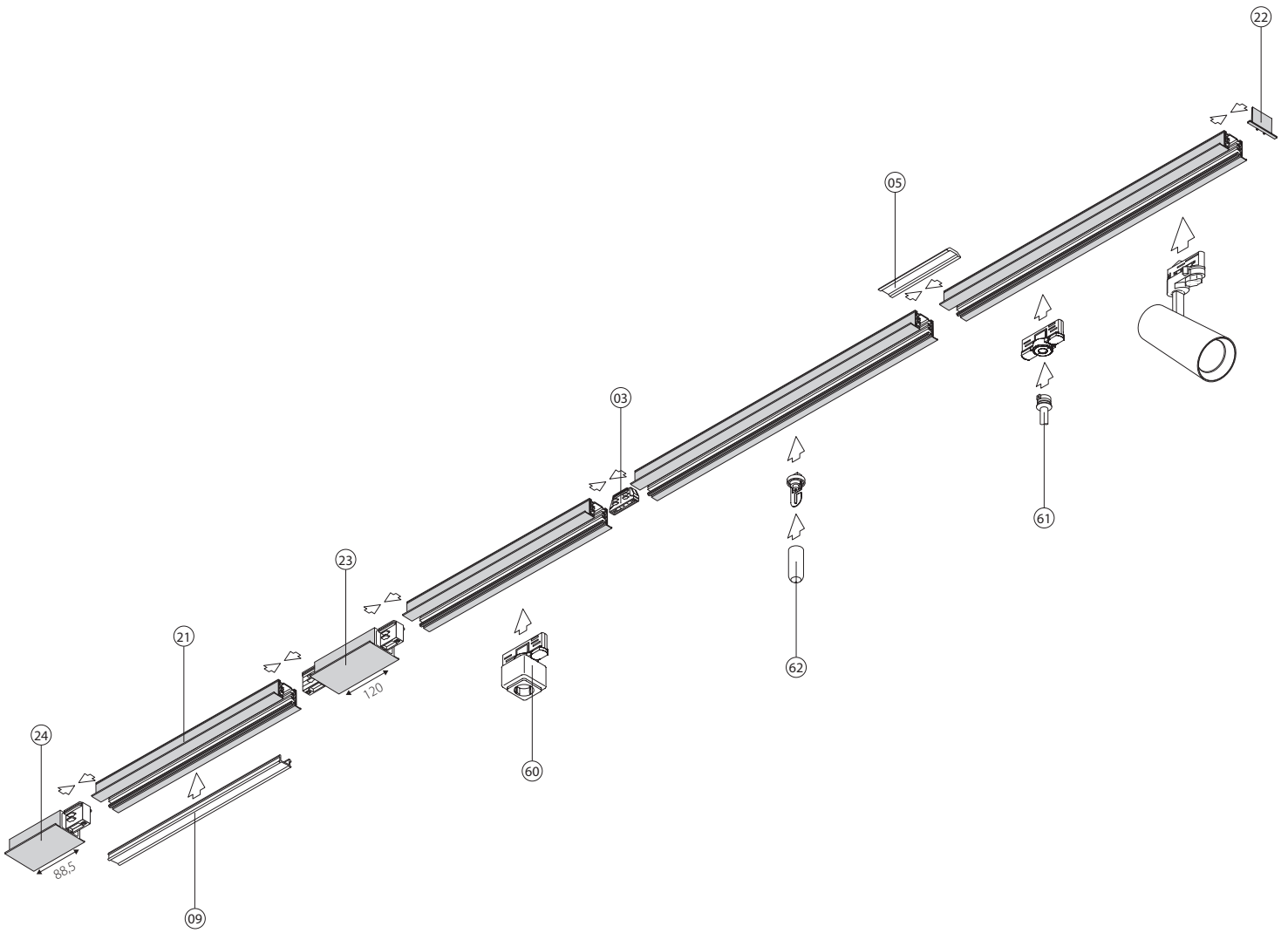
	71555072283
	71555072282
	71555072286

Belastbar bis 10 kg; inkl. Daten-Bus-Kontakten; für Deckenstärke bis max. 30 mm. Geeignet für nicht dimmbare Universaladapter anderer Hersteller, max. Länge 95 mm.

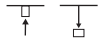
Load capacity up to 10 kg; data bus pins included; for ceilings up to 30 mm thick. Suitable for not dimmable universal adapters from other manufacturers, 95 mm max length.

Charge max 10 kg; connexion pour bus de données incluse; pour plafonds de 30 mm d'épaisseur max. Compatible avec les non dimmable adaptateurs universels d'autres fabricants, longueur max. 95 mm.

Capacità di carico fino a 10 kg; pin del bus dati inclusi; per soffitti fino a 30 mm di spessore. Adatto per adattatori non dimmerabile universali di altri produttori, 95 mm di lunghezza massima.



# Components DALI-dim/data bus Eutrac®

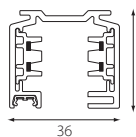


## 31 SURFACE-MOUNT TRACK

	1000 mm	71225103
	1000 mm	71225102
	1000 mm	71225106
	2000 mm	71225203
	2000 mm	71225202
	2000 mm	71225206
	3000 mm	71225303
	3000 mm	71225302
	3000 mm	71225306
	4000 mm	71225403
	4000 mm	71225402
	4000 mm	71225406

## 32 COVER PVC

	1000 mm	71888881
	1000 mm	71888882



Inklusive Datenbus  
Data bus included  
Bus de données inclus  
Bus dati incluso

## 33 END CAP

	71555012178
	71555012172
	71555012176

## 34 CEILING CLIP

	50x36x19 mm	71986980
--	-------------	----------

Aus Stahlblech  
Made of sheet steel  
En tôle d'acier  
In lamiera d'acciaio

## 35 POWER END FEED

	71555212028
	71555212022
	71555212026
	71555212018
	71555212012
	71555212016

Inklusive Datenbus  
Data bus included  
Bus de données inclus  
Bus dati incluso

## 36 CENTRAL POWER FEED

	71555212088
	71555212082
	71555212086

Inklusive Datenbus  
Data bus included  
Bus de données inclus  
Bus dati incluso

## 37 LINEAR CONNECTOR

	71555212068
	71555212062
	71555212066

Inklusive Datenbus  
Data bus included  
Bus de données inclus  
Bus dati incluso

## 38 LINEAR NON-CONDUCTIVE CONNECTOR

	71991233
	71991232
	71991236

Mit M13x1-Mutter auch für Seil- oder Pendelaufhängung.  
With M13 nut for cable or suspended mounting.  
Avec écrou M13, aussi pour suspension avec câbles ou suspension rigide.  
Con dado M13 per cavo o montaggio sospeso.

## 39 FLEXIBLE CONNECTOR

	71555212118
	71555212112
	71555212116

Inklusive Datenbus  
Data bus included  
Bus de données inclus  
Bus dati incluso

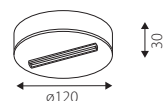
## 40 X-CONNECTOR

	71555212168
	71555212162
	71555212166

Inklusive Datenbus  
Data bus included  
Bus de données inclus  
Bus dati incluso

## 41 L-CONNECTOR

	71555212098
	71555212092
	71555212096
	71555212108
	71555212102
	71555212106



Charge max. 10 kg; connexion pour bus de données incluse;  
pour plafonds de 30 mm d'épaisseur max. Compatible avec les  
adaptateurs universels d'autres fabricants, longueur max. 95 mm.  
Capacità di carico fino a 10 kg; pemi del bus dati inclusi; per soffitti  
fino a 30 mm di spessore. Adatto per adattatori universali di altri  
produttori, lunghezza massima 95 mm.

## 42 T-CONNECTOR

	71555212138
	71555212132
	71555212136
	71555212128
	71555212122
	71555212126

Schutzleiter innen | Protective conductor inside |  
Terre interne | Conduttore di protezione all'interno

	71555212158
	71555212152
	71555212156
	71555212148
	71555212142
	71555212146




Schutzleiter außen | Protective conductor outside |  
Terre externe | Conduttore di protezione esterno

## 43 SURFACE-MONOPOINT

	71555072283
	71555072282
	71555072286

Belastbar bis 10 kg; inkl. Daten-Bus-Kontakten; für Decken-  
stärke bis max. 30 mm. Geeignet für Universaladapter anderer  
Hersteller, max. Länge 95 mm.  
Load capacity up to 10 kg; data bus pins included; for ceilings  
up to 30 mm thick. Suitable for universal adapters from other  
manufacturers, 95 mm max. length.

44 PENDANT CLIP M13X1


	50x36x19mm	<b>71990752</b>
	50x36x19mm	<b>71990756</b>
	50x36x19mm	<b>71990753</b>

45 SUSPENSION ROPE

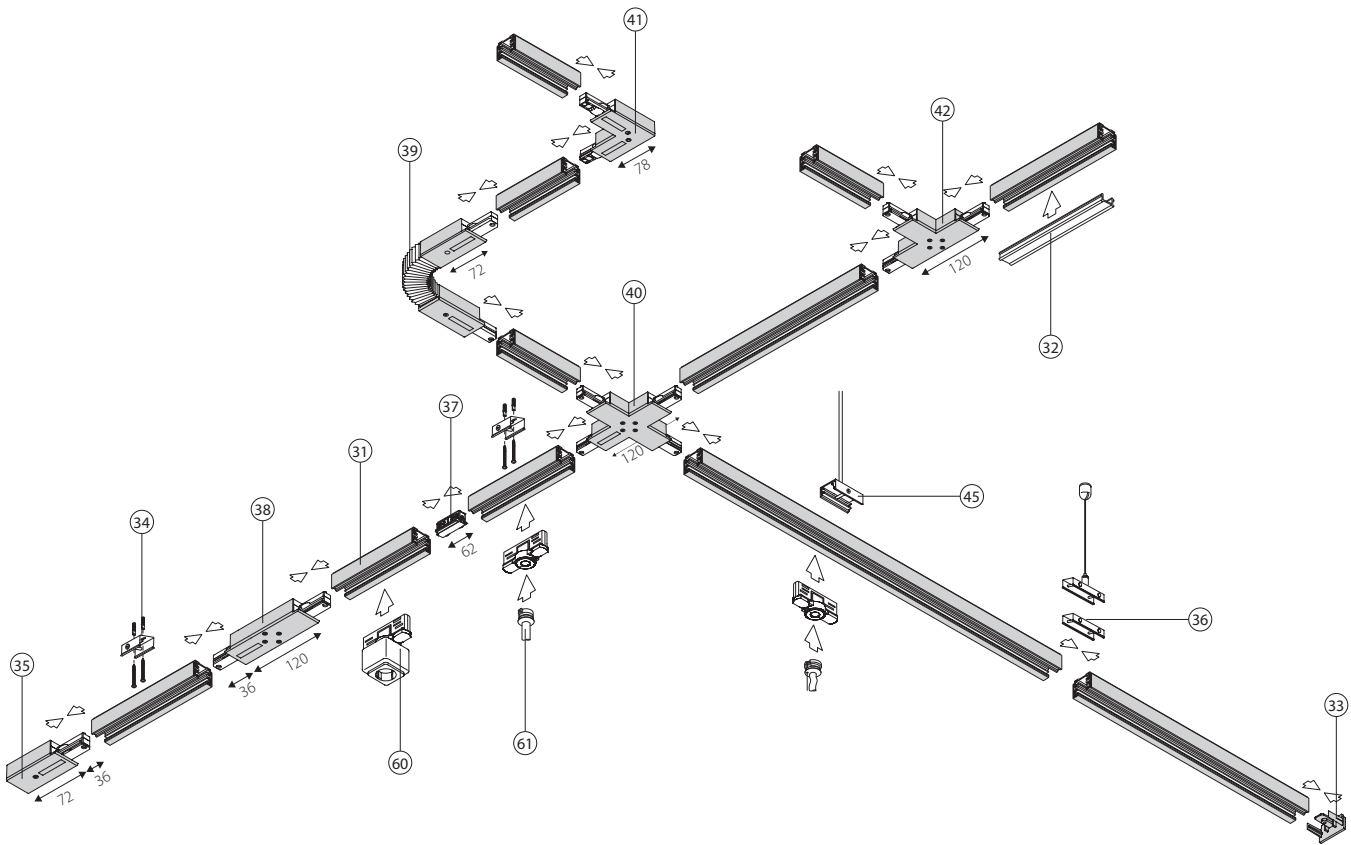
3000 mm	<b>71993190A</b>
6200 mm	<b>71886200A</b>

Mit Schnellspanner unten an der Schiene. Clip mit M13-Mutter notwendig.  
 With quick release on the track. Clip with M13 nut necessary.  
 Avec tendeur rapide sur le dessous du rail. Clip de montage pour suspension avec écrou M13 requis.  
 Con sgancio rapido sul binario. Clip con dado M13 necessario.

SUSPENSION ROD

600 mm	<b>71999052</b>	1200 mm	<b>71999062</b>
	<b>71999052</b>		<b>71999062</b>
	<b>71999056</b>		<b>71999066</b>

Clip mit M13x1-Mutter notwendig.  
 Clip with M13 nut necessary.  
 Clip de montage pour suspension avec écrou M13 requis.  
 Clip con dado M13 necessario.



-  left
-  right
-  inside
-  outside
-  silver
-  black
-  white





# Components DALI-dim/data bus Eutrac®

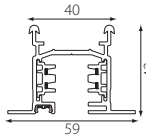


## 51 RECESSED MOUNTED TRACK

<input type="checkbox"/>	2000 mm	71226206
<input type="checkbox"/>	3000 mm	71226306
<input type="checkbox"/>	4000 mm	71226406

### CUT OUT

↔ 40 mm



Inklusive Datenbus  
Data bus included  
Bus de données inclus  
Bus dati incluso

## 52 END CAP

<input type="checkbox"/>	71555032176
--------------------------	-------------

## 53 CENTRAL POWER END FEED

<input type="checkbox"/>	71555232086
--------------------------	-------------

Inklusive Datenbus  
Data bus included  
Bus de données inclus  
Bus dati incluso

## 54 POWER FEED

<input type="checkbox"/>	71555232026
<input type="checkbox"/>	71555232016

Inklusive Datenbus  
Data bus included  
Bus de données inclus  
Bus dati incluso

## 55 L-CONNECTOR

<input type="checkbox"/>	71555232096
<input type="checkbox"/>	71555232106

Schutzleiter außen  
Protective conductor outside  
Conducteur de protection extérieur  
Conduttore di protezione esterno

Schutzleiter innen  
Protective conductor inside  
Conducteur de protection à l'intérieur  
Conduttore di protezione all'interno

Inklusive Datenbus  
Data bus included  
Bus de données inclus  
Bus dati incluso

## 56 T-CONNECTOR

<input type="checkbox"/>	71555232136
<input type="checkbox"/>	71555232126
<input type="checkbox"/>	71555232156
<input type="checkbox"/>	71555232146

Schutzleiter außen  
Protective conductor outside  
Conducteur de protection extérieur  
Conduttore di protezione esterno

Schutzleiter innen  
Protective conductor inside  
Conducteur de protection à l'intérieur  
Conduttore di protezione all'interno

Inklusive Datenbus  
Data bus included  
Bus de données inclus  
Bus dati incluso

## 57 X-CONNECTOR

<input type="checkbox"/>	71555232166
--------------------------	-------------

Inklusive Datenbus  
Data bus included  
Bus de données inclus  
Bus dati incluso

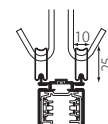
## 58 LINEAR CONNECTOR

<input type="checkbox"/>	71555232066
--------------------------	-------------

Inklusive Datenbus; leitend  
Data bus included; conductive  
Bus de données inclus; conducteur  
Bus dati incluso; conduttivo

## 59 SPRING CLIP

6 pcs.	71557053210
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## 25 MOUNTING FRAME FOR INSTALLATION-POINT OUTLET

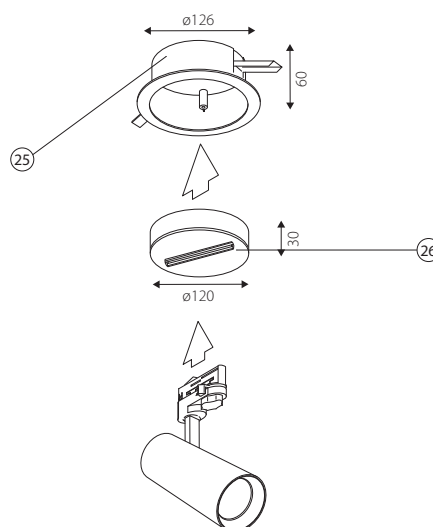
<input type="checkbox"/>	71555072273
<input type="checkbox"/>	71555072272
<input type="checkbox"/>	71555072276

Belastbar bis 10 kg; inkl. Daten-Bus-Kontakten; für Deckenstärke bis max. 30 mm.

Load capacity up to 10 kg; data bus pins included; for ceilings up to 30 mm thick.

Charge max. 10 kg; connexion pour bus de données incluse; pour plafonds de 30 mm d'épaisseur max.

Capacità di carico fino a 10 kg; pemi del bus dati inclusi; per soffitti fino a 30 mm di spessore.



## 26 SURFACE-MONOPOINT

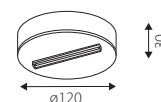
<input type="checkbox"/>	71555072283
<input type="checkbox"/>	71555072282
<input type="checkbox"/>	71555072286

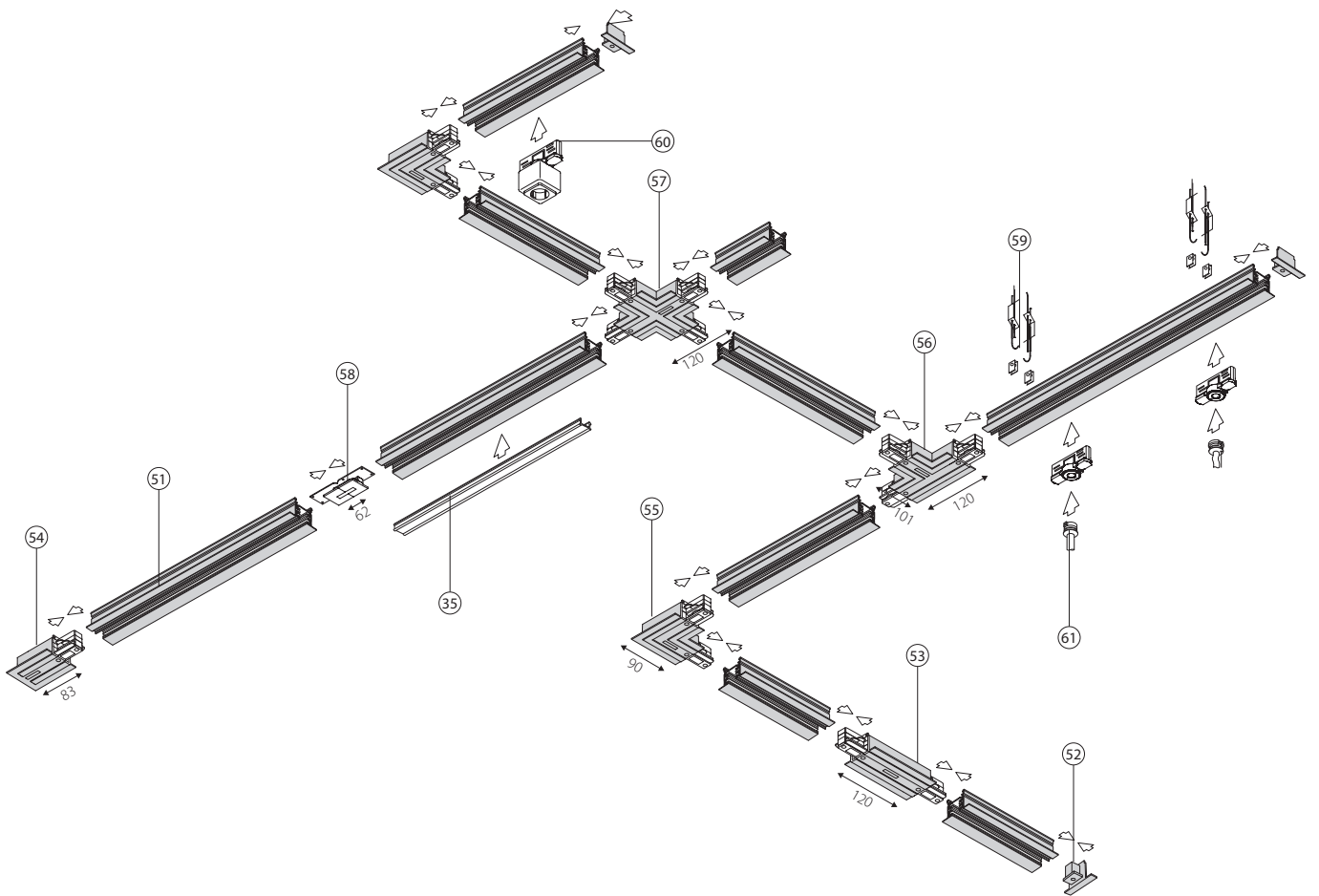
Belastbar bis 10 kg; inkl. Daten-Bus-Kontakten; für Deckenstärke bis max. 30 mm. Geeignet für Universaladapter anderer Hersteller, max. Länge 95 mm.

Load capacity up to 10 kg; data bus pins included; for ceilings up to 30 mm thick. Suitable for universal adapters from other manufacturers, 95 mm max. length.

Charge max. 10 kg; connexion pour bus de données incluse; pour plafonds de 30 mm d'épaisseur max. Compatible avec les adapteurs universels d'autres fabricants, longueur max. 95 mm.

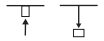
Capacità di carico fino a 10 kg; pemi del bus dati inclusi; per soffitti fino a 30 mm di spessore. Adatto per adattatori universali di altri produttori, lunghezza massima 95 mm.





- inside
- outside
- left
- right
- silver
- black
- white

# Components Stucchi DALI OneTrack



## 01 SURFACE MOUNTED TRACK

	1000 mm	424-9000A-1-G-ST
	1000 mm	424-9000A-1-B-ST
	1000 mm	424-9000A-1-W-ST
	2000 mm	424-9000A-2-G-ST
	2000 mm	424-9000A-2-B-ST
	2000 mm	424-9000A-2-W-ST
	3000 mm	424-9000A-3-G-ST
	3000 mm	424-9000A-3-B-ST
	3000 mm	424-9000A-3-W-ST
	4000 mm	424-9000A-4-G-ST
	4000 mm	424-9000A-4-B-ST
	4000 mm	424-9000A-4-W-ST

## 02 CUTTING TOOL

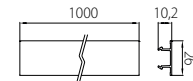
424-S-9000-T

Schneidewerkzeug für Kupfer.  
Cutting tool for track copper.  
Outil de coupe pour les cuivre.  
Utensile da taglio per conduttori di rame.

## 03 COVER

	424-9000-GP-G
	424-9000-GP-B
	424-9000-GP-W

Zusätzlicher Abdeckstreifen für Schiene.  
Additional cover strip for track.  
Bande de recouvrement supplémentaire pour le rail.  
Striscia di copertura aggiuntiva per il binario.



## 04 POWER END FEED

	424-9001-G
	424-9001-B
	424-9001-W
	424-9002-G
	424-9002-B
	424-9002-W

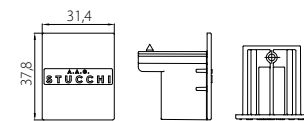
## 05 MIDDLE POWER FEED

	424-9010-G
	424-9010-B
	424-9010-W

## 06 END CAP

	424-9004-G
	424-9004-B
	424-9004-W

Endkappe mit Feststellschraube.  
End cap with locking screw.  
Capuchon d'extrémité avec vis de blocage.  
Tappo con vite di bloccaggio



## 07 LINEAR CONDUCTIVE CONNECTOR

	424-9003-G
	424-9003-B
	424-9003-W

## 08 LINEAR NON-CONDUCTIVE CONNECTOR

	424-9003-G-M
	424-9003-B-M
	424-9003-W-M

## 09 L-CONNECTOR

	424-9011-G
	424-9011-B
	424-9011-W
	424-9012-G
	424-9012-B
	424-9012-W

## 10 T-CONNECTOR

	424-9013-G
	424-9013-B
	424-9013-W
	424-9014-G
	424-9014-B
	424-9014-W
	424-9015-G
	424-9015-B
	424-9015-W
	424-9016-G
	424-9016-B
	424-9016-W

## 11 X-CONNECTOR

	424-9017-G
	424-9017-B
	424-9017-W

## 12 FLEXIBLE CONNECTOR

	424-9018-G
	424-9018-B
	424-9018-W

13 SUSPENSION KIT

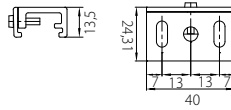
- 3000 mm **424-9000-KIT8-3**
- 3000 mm **424-9000-KIT8-3-B**
- 3000 mm **424-9000-KIT8-3-W**

Inklusive Deckenbefestigung mit rundem Kopf, Stahlseil ø1,5mm mit kugelförmigem Ende, Bügel mit Schnellspanner.  
 Includes round head ceiling attachment, steel cable ø1.5mm with spherical end, bracket with quick release.  
 Comprend une fixation au plafond à tête ronde, un câble en acier ø1,5mm avec extrémité sphérique, un support avec libération rapide.  
 Include attacco a soffitto a testa tonda, cavo d'acciaio ø1.5mm con estremità sferica, staffa con rilascio rapido.



14 CEILING BRACKET

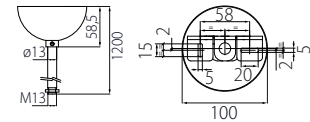
- 424-S-9000-131**
- 424-S-9000-131-B**
- 424-S-9000-131-W**



15 PENDING SUSPENSION

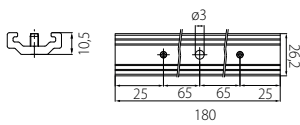
- 424-S-9000-P6-SB**
- 424-S-9000-P6-SW**

Beinhaltet Deckenhalterung, Baldachin (ø100mm), M13 Gewindestange (L=1200mm) mit Gegenmutter.  
 Includes ceiling bracket, canopy (ø100mm), M13 threaded stem (L=1200mm) with counter-nut.  
 Comprend un support de plafond, canopée (ø100mm), une tige filetée M13 (L=1200mm) avec contre-écrou.  
 Include staffa a soffitto, baldacchino (ø100mm), stelo filettato M13 (L=1200mm) con controddado.



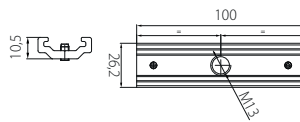
16 RAIL CONNECTOR

- 424-S-9000-332-SV**
- 424-S-9000-332-SV-B**
- 424-S-9000-332-SV-W**



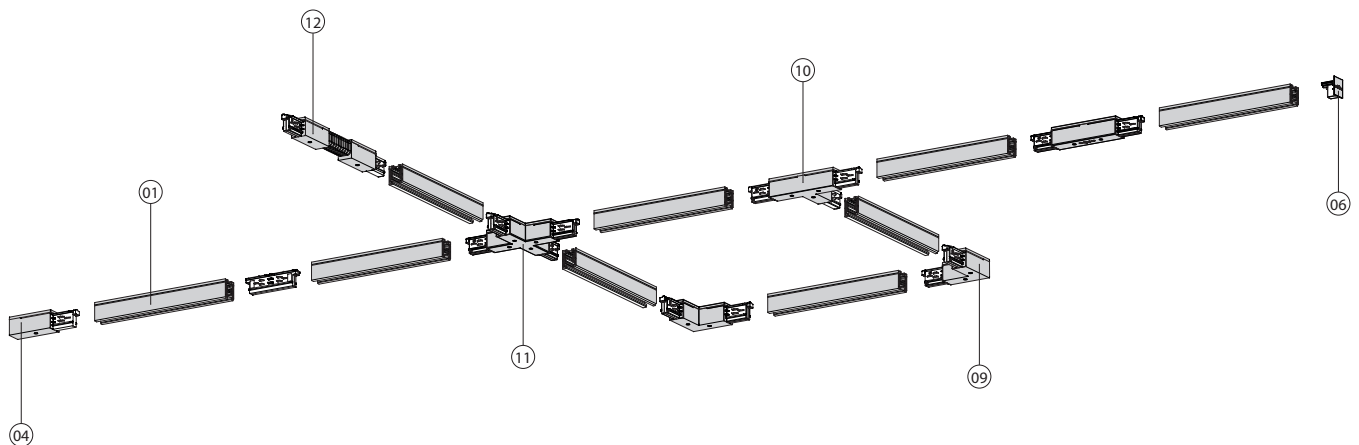
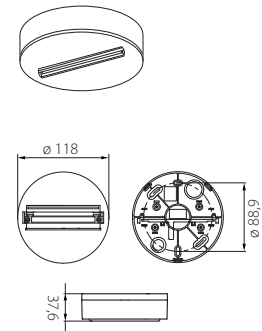
17 M13 CLIP FOR PENDING SUSPENSION

- 424-S-9000-322-M13-B**
- 424-S-9000-322-M13-W**



18 MONOPOINT

- 424-9000-BPU-D-B**
- 424-9000-BPU-D-W**



- inside
- outside
- left
- right
- grey
- black
- white
- zinc



# Components Stucchi DALI OneTrack



## 18 RECESSED TRACK

	1000 mm	424-9000-1-B-R
	1000 mm	424-9000-1-W-R
	2000 mm	424-9000-2-B-R
	2000 mm	424-9000-2-W-R
	3000 mm	424-9000-3-B-R
	3000 mm	424-9000-3-W-R

## 19 CUTTING TOOL

**424-S-9000-T**

Schneidewerkzeug für Kupfer.  
Cutting tool for track copper.  
Outil de coupe pour les cuivre.  
Utensile da taglio per conduttori di rame.

## 20 COVER

**424-9000-GP-B**  
**424-9000-GP-W**

Zusätzlicher Abdeckstreifen für Schiene.  
Additional cover strip for track.  
Bande de recouvrement supplémentaire pour le rail.  
Striscia di copertura aggiuntiva per il binario.

## 21 END CAP

**424-9004-R-B**  
**424-9004-R-W**

Endkappe mit Feststellschraube.  
End cap with locking screw.  
Capuchon d'extrémité avec vis de blocage.  
Tappo con vite di bloccaggio.

## 22 LINEAR CONDUCTIVE CONNECTOR

**424-9003-B**  
**424-9003-W**

## 23 LINEAR NON-CONDUCTIVE CONNECTOR

**424-9003-B-M**  
**424-9003-W-M**

## 24 COVER FOR POWER END FEED

**424-S-9001-R-6-B**  
**424-S-9001-R-6-W**

## 25 COVER FOR MIDDLE POWER FEED

**424-S-9010-R-6-B**  
**424-S-9010-R-6-W**

## 26 COVER FOR L-CONNECTOR

**424-S-9011-R-6-B**  
**424-S-9011-R-6-W**

## 27 POWER END FEED

**424-9001-B**  
**424-9001-W**  
**424-9002-B**  
**424-9002-W**

## 28 MIDDLE POWER FEED

**424-9010-B**  
**424-9010-W**

## 29 L-CONNECTOR

**424-9011-B**  
**424-9011-W**

## 30 COVER FOR T-CONNECTOR

**424-S-9013-R-6-B**  
**424-S-9013-R-6-W**  
**424-S-9017-R-6-B**  
**424-S-9017-R-6-W**

## 31 T-CONNECTOR

**424-9013-G** **424-9015-G**  
**424-9013-B** **424-9015-B**  
**424-9013-W** **424-9015-W**  
**424-9014-G** **424-9016-G**  
**424-9014-B** **424-9016-B**  
**424-9014-W** **424-9016-W**

## 32 T-BRACKET

**424-S-9000-313-B**  
**424-S-9000-313-W**  
**424-S-9000-313**

Kurzer T-Bügel für Aufhängungen.  
Short T bracket for for suspensions.  
Support en T courte pour les suspensions.  
Staffa a T corta per sospensioni.

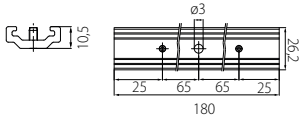
33 RAIL CONNECTOR



424-S-9000-332-SV-B

424-S-9000-332-SV-W

424-S-9000-332-SV



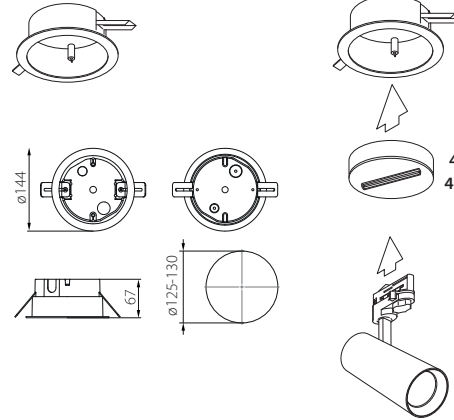
34 RECESSED HOUSING FOR MONOPOINT



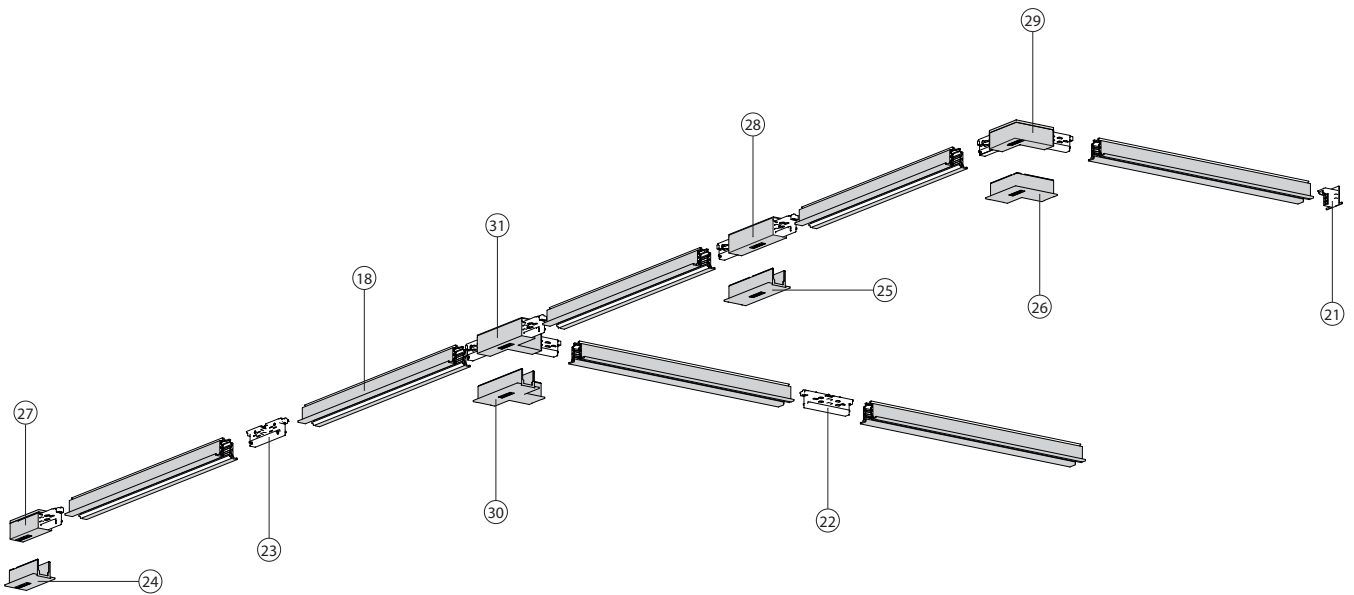
424-9000-BRU-B

424-9000-BRU-W

Adapter für Basis 9000-BPU  
 Adapter for base 9000-BPU  
 Adaptateur pour la base 9000-BPU  
 Adattatore per base 9000-BPU



424-9000-BPU-D-B  
 424-9000-BPU-D-W



- left
- right
- black
- white
- zinc



# Components - adapters

## 60 EUTRAC SCHUKO-ADAPTER



71990952



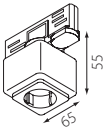
71990956

Für den Anschluss von Geräten der Schutzklasse I (System Schuko) bzw. universell einsetzbar für Geräteflachstecker Schutzklasse II, für Netzspannung 220-240V mit Sicherung 6,3 A, träge.

For the connection of devices of protection class I (System Schuko) or universally applicable for flat plugs of protection class II, for mains voltage 220-240V with fuse 6,3 A, slow.

Pour le raccordement d'appareils de classe de protection I (système Schuko / prise de type F) ou de prises plates d'appareils de classe 2. Pour tension de réseau 220-240V, avec fusible temporisé 6,3 A.

Per collegare dispositivi di classe di protezione I (sistema Schuko / presa tipo F) o prese piatte di dispositivi di classe 2. Per tensione di rete 220-240 V, con fusibile a tempo da 6,3 A.



## 61 EUTRAC MULTI-UNIVERSAL



71997592



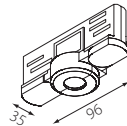
71997596

Für 3-Phasen Stromschiene, mit Datenbus-Option, mit Schraubklemmen und vernickelten Federkontakten. Zugelassen für 6 A induktiv / 6 A ohmsch bei 250V. Mit Schutzleiteranschluss und Phasenwahlschalter. Phasenwahl über Drehkern mit Nullstellung im eingesetzten Zustand. Durch Doppelriegel besserer mechanischer Halt in der Schiene auch bei Einsatz schwerer Strahler, belastbar bis 5 kg, ohne Montage-Nippel.

For 3-circuit track with data bus option, with screw terminals and nickel plated spring contacts. Approved for 6A inductive / 6 A ohmic at 250V. With protective conductor connection and phase selector switch. Phase selection via a rotary switch, which is in the zero position for installation. By using two holders at each rotary switch allows for better mechanical grip in the track, this allows the use of heavy spotlights, max. weight 5 kg, mounting nipple not included.

Pour rail 3 phases. Bornes à vis et contacts à ressort nickelés inclus. Option bus de données disponible. Charge max.: 6A en circuit inductif / 6A en circuit résistif en 250V. Equipé d'une connexion à la terre et d'un sélecteur de phase. Sélection de la phase par bouton rotatif, sur position zéro lors de l'installation. Dispositif de double verrou pour une meilleure tenue mécanique sur le rail. Capacité de charge jusqu'à 5kg, sans raccord de montage.

Per sbarra trifase, con opzione bus dati, con morsetti a vite e contatti a molla nichelati. Approvato per 6 A induttivi / 6 A resistivi a 250V. Con collegamento alla terra di protezione e selettore di fase. Selezione della fase tramite nucleo rotante con posizione zero quando inserito. Doppia chiusura per una migliore tenuta meccanica nel binario anche quando si usano faretti pesanti, caricabile fino a 5 kg, senza nipplo di montaggio.



Optionaler Datenbusabgriff für EUTRAC-Schiene | Optional data bus tap for EUTRAC rail | Port de bus de données optionnel pour rails EUTRAC | Rubinetto del bus dati opzionale per guida EUTRAC

71996980

## EUTRAC MOUNTING NIPPLE M10X1



M10×1

71990842



M10×1

71990846

Mit Innengewinde für Pendelrohr.

With internal thread for pendant tube.

Avec filetage intérieur pour suspension rigide tubulaire.

Con filettatura interna per il tubo del pendolo.



## EUTRAC MOUNTING NIPPLE FOR CABLE



3×0,75 mm<sup>2</sup>

71990832



3×0,75 mm<sup>2</sup>

71990836

Für Mantelleitung. DALI-Mantelleitung, inkl. Zugentlastung, inklusive seitlichem Durchgangsloch für Stahlseil ø 1-2 mm.

For sheathed cable. DALI-sheathed cable, incl. Strain relief. Includes hole for steel cable ø 1-2 mm.

Pour conducteur sous gaine. Gaine DALI, dispositif de décharge de traction de câble inclus. Trou percé sur la partie latérale pour le passage d'un câble en acier de ø 1-2 mm.

Per il cavo inguainato. Cavo con guaina DALI, incl. scarico della trazione, incluso foro passante laterale per cavo d'acciaio ø 1-2 mm.



## 62 EUTRAC UNIVERSAL HOOK



71990672



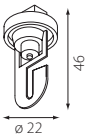
71990676

max. 10 kg Traglast

max. 10 kg load capacity

max. Capacité de charge de 10 kg

capacità di carico max. 10 kg



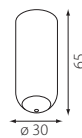
## EUTRAC CAP FOR UNIVERSAL HOOK



71992842

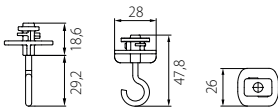


71992846



**STUCCHI SUSPENSION HOOK**

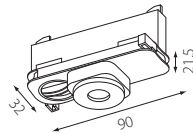
-  424-9000-B-H
-  424-9000-W-H




**01) STUCCHI MULTI-DALI ADAPTER**

-  424-9009-B
-  424-9009-W

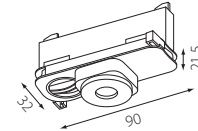
Für Datenbuschiene, kompatibel mit: AAG-Stucchi mit Datenbus und Nordic/Global Track Pulse.  
 For data bus rail, compatible with: AAG-Stucchi with data bus and Nordic / Global Track Pulse.  
 Pour rail de avec bus données, compatible avec: AAG-Stucchi avec bus de données et Nordic / Global Track Pulse.  
 Per la traccia del bus dati, compatibile con: AAG-Stucchi con bus dati e Nordic/Global Track Pulse.



**02) STUCCHI NON-DIM ADAPTER**

-  424-9009-4-B
-  424-9009-4-W

Universal-Adapter für nicht dimmbare 3-Phasen Schiene.  
 Universal adapter for non-dimmable 3-phase rail.  
 Adaptateur universel pour rail triphasé non graduable.  
 Adattatore universale per binario trifase non dimmerabile.



**03) STUCCHI INSTALLATION TOOL**

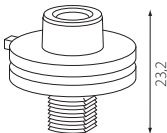
-  424-S-9009-T-INS

Einbauwerkzeug-Einsatz für Adapterverdrahtung.  
 Installation tool insert for adapter wiring.  
 Outil d'installation pour le câblage de l'adaptateur.  
 Inserto dell'attrezzo di installazione per il cablaggio dell'adattatore.


**04) STUCCHI MOUNTING NIPPLE**

-  424-S-9009-M10
-  424-S-9009-M13

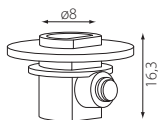
M10 und M13 aus Aluminium, zur Aufnahme von Spots.  
 M10 and M13 made of aluminum, for holding spots.  
 M10 et M13 en aluminium, pour l'installation de spots.  
 M10 e M13 in alluminio, per tenere i punti.



**05) STUCCHI MOUNTING NIPPLE FOR CABLE**

-  424-S-9009-BC-B
-  424-S-9009-BC-W

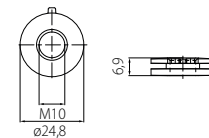
Für Mantelleitung, DALI-Mantelleitung, inkl. Zugentlastung aus Aluminium.  
 For sheathed cable, DALI sheathed cable, incl. strain relief made of aluminium.  
 Pour conducteur sous gaine. Gaine DALI avec dispositif de décharge de traction de câble en aluminium.  
 Per il cavo inguainato. Cavo con guaina DALI, incl. scarico della trazione in alluminio.



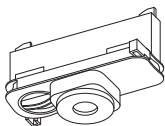
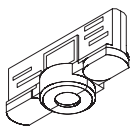
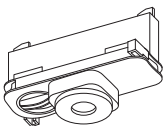
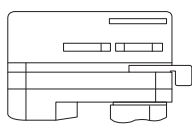
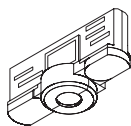
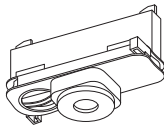
**06) STUCCHI MOUNTING NIPPLE M10**

-  424-S-9009-M10-FI

Nippel mit M10 Innengewinde für Adapter 9009, 9209, 9409.  
 Nipples with M10 internal thread for adapters 9009, 9209, 9409.  
 Embouts avec filetage interne M10 pour adaptateurs 9009, 9209, 9409.  
 Nipples con filettatura interna M10 per adattatori 9009, 9209, 9409.






**3 PHASE ADAPTER COMPATIBILITY**

zenit M			meteor		
1	3	G	1	3	G
non-dim	DALI Eutrac	Stucchi OneTrack	non-dim	DALI Eutrac	Stucchi OneTrack
					
<b>STUCCHI</b>	<b>EUTRAC</b>	<b>STUCCHI</b>	<b>Powergear</b>	<b>EUTRAC</b>	<b>STUCCHI</b>

Einsetzbar in folgenden Schienen. Es handelt sich hier nur um eine Empfehlung, es wird weder von planlicht, noch vom Hersteller Garantie übernommen.  
 Can be used on the following tracks. This is only for information, planlicht nor the manufacturer will warranty any claim when not used in an approved track.  
 Compatibles avec les rails suivants. Les informations ci-après sont uniquement données à titre indicatif. planlicht et le fabricant déclinent toute garantie.  
 Può essere utilizzato nelle seguenti tracce. Questa è solo una raccomandazione, né Planlicht né il produttore offrono alcuna garanzia.

Ivela, Eutrac, Stucchi, Global, Unipro	EUTRAC DALI	Stucchi DALI, DALI Global Track Pulse Control, Unipro	Ivela, Eutrac, Stucchi, Global, Unipro	Eutrac DALI	Stucchi DALI, DALI Global Track Pulse Control, Unipro
--	-------------	---	--	-------------	---

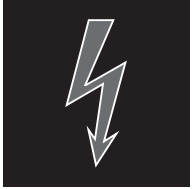


-  black
-  white
-  aluminium



# ZUBEHÖR

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Accessories  
*Accessoires*  
*Accessori*

2.8

## **RADIO CONTROLS**

p. 454

## **KNX CONTROLS**

p. 463

## **BLUETOOTH®**

p. 455

## **HCL CONTROLS**

p. 464

## **DALI CONTROLS**

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## **CONVERTER**

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p. 480

## **LOUVRE & LENS TUBE COLOURS**

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p. 482

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p. 476

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p. 490

## **CABLE COLOURS**

p. 478

## **HOW TO USE**

p. 494

## **IMPORTANT REMARKS**

p. 496



## RADIO CONTROLS

### RADIO CONTROL 24V (1-4 channel)

1-4 channel radio control

2,4 GHz, 4x max. 2,5 A (240W total)

24V / DC

45AA40PDLU0000B



### REMOTE CONTROL

1/2 channel remote control

2,4 GHz (DIM, tunable white)

Dimension

LxWxH= 150x40x20 mm

45AA40RCDIMCT0N



### REMOTE CONTROL

3/4 channel remote control

2,4 GHz (RGB, RGBW)

Dimension

LxWxH= 150x40x20 mm

45AA40RCRGBW00N



### TOUCH PANELS FOR RADIO CONTROL

1 channel DIM radio touch panel

2,4 GHz

230V / AC

Dimension

LxWxH= 150x40x20 mm

45AA40WALLDIM2B



### TOUCH PANELS FOR RADIO CONTROL

2 channel TW radio touch panel

2,4 GHz

230V / AC

Dimension

LxWxH= 150x40x20 mm

45AA40WALLCT20B



### TOUCH PANELS FOR RADIO CONTROL

3 channel RGB radio touch panel

2,4 GHz

230V / AC

Dimension

LxWxH= 150x40x20 mm

45AA40WALLRGB2B



### TOUCH PANELS FOR RADIO CONTROL

4 channel RGBW radio touch panel,

2,4 GHz

230V / AC

Dimension

LxWxH= 150x40x20 mm

45AA40WALLRGBW2B



**basicDIM Wireless Modul G2**

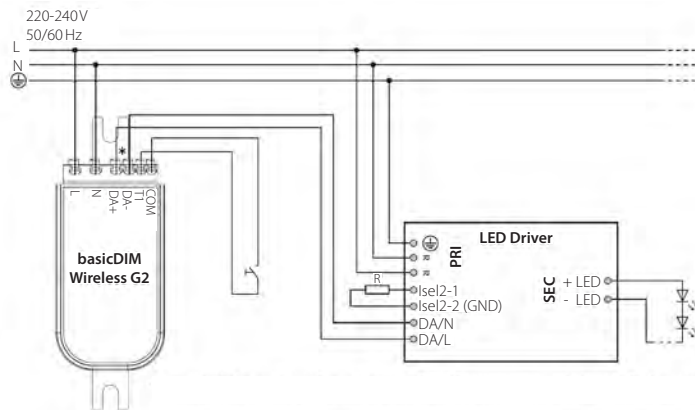
Bluetooth 4.0, 230V / AC  
Control unit for max. 5 LED converters  
(max. 10 mA / DC)

Dimension  
LxWxH=80,7x30x15,3 mm

3528003540



DALI 2  
220-240V AC



**CBU-PWM4**

BLUETOOTH 4.0, 12-24V DC

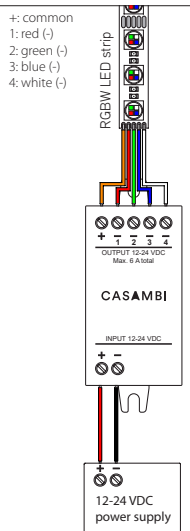
Bluetooth 4.0 PWM controllable dimmer.  
1-4 channels, 12-24V DC, max. 6 A total.

Dimension  
LxWxH=76,2x30x18 mm

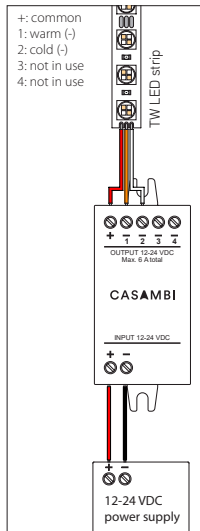
420-CBU-PWM4



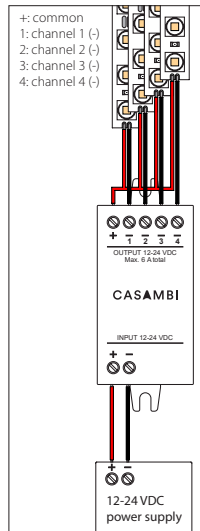
**Wiring diagram, RGBW**



**Wiring diagram, tunable white**  
(2 Channel warm-/coldwhite)



**Wiring diagram, 1-4 separate channels**



**CHROMOFLEX-CASAMBI**

BLUETOOTH 4.0, 10-48V / DC, IP20

Bluetooth 4.0 PWM controllable dimmer.  
1-4 channels, 10-48V / DC

Dimension  
LxWxH=76,2x30x18 mm

45BA66000465



**4 CHANNELS**

per channel	max. 4 A (24V DC)	max. 2 A (48V DC)
total	max. 16 A (24V DC)	max. 8 A (48V DC)



# BLUETOOTH®

XPRESS

Dimension  
LxWxH=90x90x12 mm

**420-XPRESS-W**  
**420-XPRESS-B**

white  
black



Wandschalter wireless. Batterie (CR2430 Lithium-Knopfzelle) inkludiert. Wandtaster wird magnetisch an einer Montageplatte befestigt, kann abgenommen und als Fernbedienung benutzt werden.

*Wireless wall switch. Incl. battery (CR 2430 Lithium-ion). The switch is magnetically attached to a mounting plate. Can also be detached and used as a remote control.*



EnOcean Casambi switch

Dimension  
LxWxH=50x50x14 mm

**428-E8221-A270**  
**428-E8221-A280**



Kabelloser, batterieloser Wandschalter. Konfiguration individuell durch App. Einfache Montage mit inkludiertem doppelseitigen Klebeband oder Verschraubung des Rahmens.

*Wireless, battery-free switch. Configuration individual by app. Easy installation with included double-sided tape or screw joint.*



A270



A280

CBU-TED

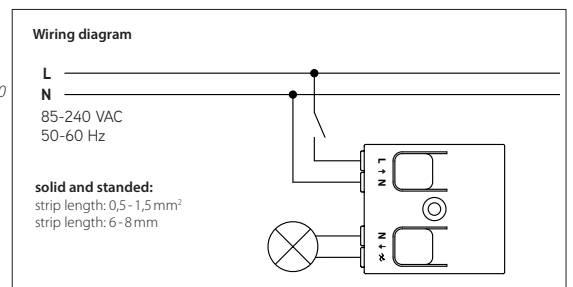
85-240 V / AC  
Dimension  
LxWxH=40,4x36,3x14 mm

**420-CBU-TED**



Bluetooth gesteuerter Dimmer für Phasen- und -abschnittsdimmung. Bis zu 150W Gesamtlast. Ideal geeignet zur Signalverstärkung.

*Bluetooth controllable control gear for phase cut dimming. Up to 150 W total load. Ideally suited for signal amplification.*



**basicDIM Wireless Modul Passive G2**

Bluetooth 4.0

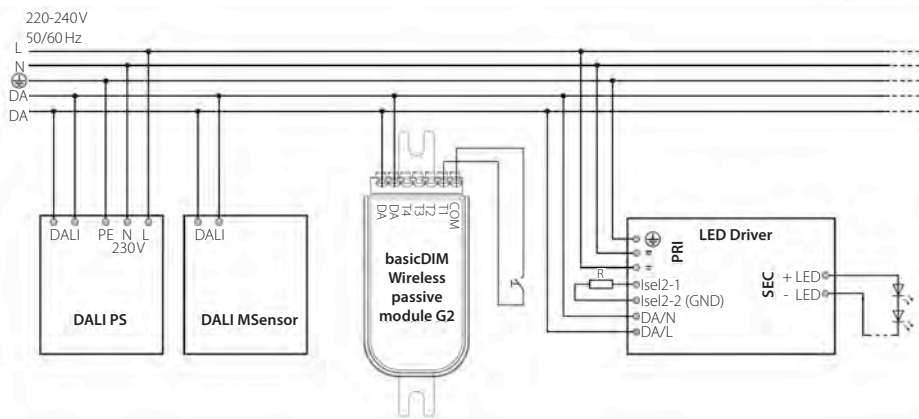
Passive DALI-2 control unit without integrated DALI power supply  
current consumption 4mA

Dimension  
LxWxH=80,7x30x15,3 mm

3528003541



→ DALI 2



**MSensor G3 PIR 5DPI**

(optional accessory to basicDIM Wireless Modul Passive G2)  
current consumption 9mA

3528002384

3528002386

3528002878 (Surface mounting kit for 3528002384)



3528002384




















3528002386



3528002878



## DALI CONTROLS

<p>DALI MCU</p>	<p>230V / AC IP20 Dimension LxWxH=80x80x50 mm</p>	<p><b>540-189721</b> - DALI Dimmer <b>540-465916</b> - Tunable white-DALI DT8 only</p>	
<p> </p>	<p>DALI Steuereinheit mit integrierter Spannungsversorgung. Drehpotentiometer integriert, bis zu 4 DALI MCU in einem DALI Kreis möglich, Synchronisation erfolgt automatisch. Einfache Speicherung der Einschalthelligkeit (Doppelklick). Stand-Alone-Dimmer für Broadcast Anwendungen.</p>	<p><i>DALI control unit with integrated power supply. Integrated rotary potentiometer, up to 4 DALI MCUs in a DALI circuit, synchronization is automatic. Simple storage of the switch-on brightness (double click). Stand-alone dimmer for broadcast solutions.</i></p>	
<p>DALI PCU</p>	<p>230V / AC IP20 Dimension LxWxH=48x49x22 mm push-button connection 15 cm (max. 1 m)</p>	<p><b>540-955622</b></p>	
<p> </p>	<p>DALI Steuereinheit mit integrierter Spannungsversorgung. Kann mit jedem handelsüblichen Taster (Schließer) betrieben werden, bis zu 4 DALI MCU in einem DALI Kreis möglich, Synchronisation erfolgt automatisch. Einfache Speicherung der Einschalthelligkeit (Doppelklick).</p>	<p><i>DALI control unit with integrated power supply. Can be operated with any commercially available push-button (NO contact), up to 4 DALI MCU in a DALI circuit possible, synchronization is automatic. Simple storage of the switch-on brightness (double-click).</i></p>	
<p>DALI XC</p> <p>  EXTERNAL POWER SUPPLY: DALI PS REQUIRED</p>	<p>DALI controller with up to 4 push-button inputs current consumption 6mA DALI Steuermodul mit bis zu vier Tast-/Schalteingängen</p>	<p><b>3528001716</b></p>	
<p>DALI TOUCHPANEL BASIC C</p> <p></p> <p>  PROGRAMMING REQUIRED</p>	<p>10 mA Dimension LxWxH=86x86x29,1 mm</p> <p>Dali Touchpanel ohne integrierte Spannungsversorgung mit den folgenden Bedienelementen: AN/Aus, Heller, Dunkler und Szene 1-3 Stromaufnahme 10 mA</p> <p>Dali touch panel without integrated power supply with the following controls: ON/OFF, brighter, darker and scene 1-3 Current consumption 10 mA</p>	<p><b>3528001987</b></p>	
<p>DALI TOUCHPANEL BASIC G</p> <p></p> <p>  PROGRAMMING REQUIRED</p>	<p>10 mA Dimension LxWxH=86x86x29,1 mm</p> <p>Dali Touchpanel ohne integrierte Spannungsversorgung mit den folgenden Bedienelementen: Heller/Dunkler für jeweils drei Gruppen Stromaufnahme 10 mA</p> <p>Dali touch panel without integrated power supply with the following controls: brighter/darker for three groups each Current consumption 10 mA</p>	<p><b>3528001988</b></p>	

**DALI TOUCHPANEL BASIC S**

10 mA  
Dimension  
LxWxH=86x86x29,1 mm

**3528001989**



Dali Touchpanel ohne integrierte Spannungsversorgung mit den folgenden Bedienelementen: Aufruf von sechs verschiedenen Szenen  
Stromaufnahme 10 mA



*Dali touch panel without integrated power supply with the following controls:  
Calling of six different scenes  
Current consumption 10 mA*

**DALI TOUCHPANEL BASIC TW**

10 mA DALI DT8 only  
Dimension  
LxWxH=86x86x29,1 mm

**3528001990**



Dali Touchpanel ohne integrierte Spannungsversorgung mit den folgenden Bedienelementen: An/Aus, Erhöhung von jeweils Farbtemperatur und Helligkeit  
Stromaufnahme 10 mA

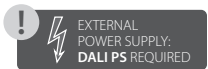


*Dali touch panel without integrated power supply with the following controls: On/ Off, increase of color temperature and brightness respectively  
Current consumption 10 mA*

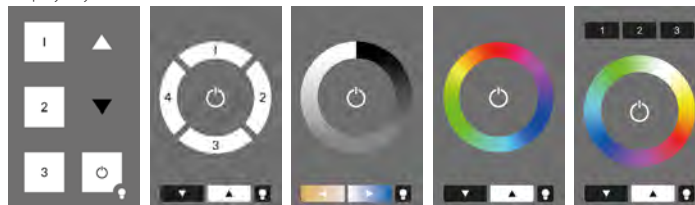
**DALI TOUCHPANEL LUNATONE**

Dimension  
LxWxH=82,5x111x8,5 mm

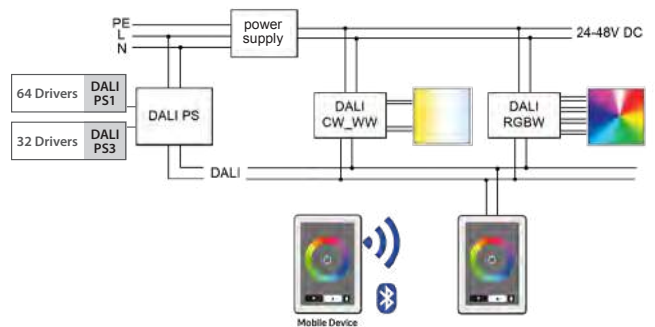
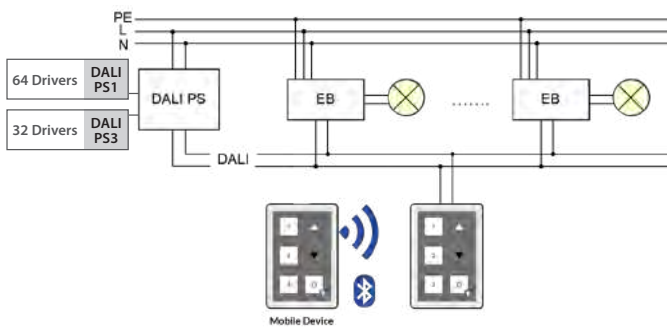
**429-24035465-BT**



Display Layouts



DYNAMIC WHITE  
DALI DT8 only





## DALI CONTROLS

### DALI PS3

DALI-Stromversorgung für bis zu 70 mA  
*DALI power supply providing 70 mA*

**3587500873**

32 Drivers **DALI PS3**



220 - 240V AC



### DALI PS1

DALI-Stromversorgung für bis zu 200 mA  
*DALI power supply providing 200 mA*

**3524034323**

64 Drivers **DALI PS1**



220 - 240V AC



### DALI USB

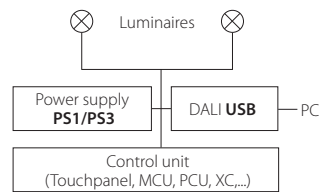
Dimension  
 LxWxH= 101,5x51x29,5 mm  
 Current consumption 10 mA

**3524138923**

**DALI**

DALI-USB Schnittstelle zur Adressierung von DALI Betriebsgeräten über die Software Master Configurator.

*DALI-USB interface for addressing and parameterizing a DALI installation.*



**BASICDIM DGC**

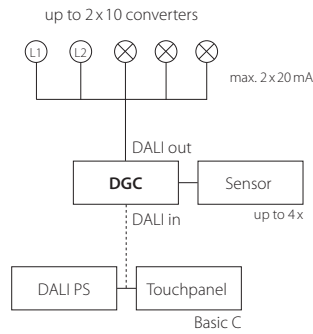
220 - 240V / AC IP20  
Dimension  
LxWxH= 159x30x21 mm

Steuerung für Einzel- und Mehrfachanwendung über Tasteneingang, Fernbedienung oder DALI Leitung. Option: Schwarmfunktion.

*Control for single and multiple application via buttons input, remote control or DALI line. Option: Swarm mode.*



**3528000920**



for controlling only  
only compatible with BASICDIM DGC

**3528000647**



for both installing and controlling  
only compatible with BASICDIM DGC

**3528000646**



housing seperately  
only compatible with BASICDIM DGC

**3528000933**



housing seperately  
only compatible with BASICDIM DGC

**3528000934**



# DALI CONTROLS

## CHROMOFLEX PRO DALI STRIPE CV

Dimension  
LxWxH= 182x82x22 mm

**45BA66000444**  
**45BA66000574**



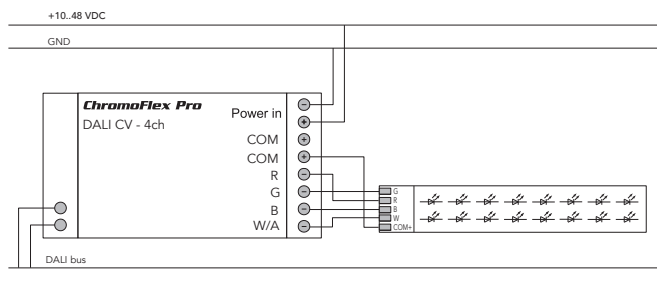
DALI

4-Channel (monochrome to RGBW/RGBA), DALI controlled

45BA66000444	max. 2,2 A/Channel (24V DC)	max. 212W (24V DC)
	max. 2,2 A/Channel (24V DC)	max. 424W (48V DC)

4-Channel (monochrome to RGBW/RGBA), DALI DT8 controlled

45BA66000574	max. 2,2 A/Channel (24V DC)	max. 212W (24V DC)
	max. 2,2 A/Channel (24V DC)	max. 424W (48V DC)



## CHROMOFLEX PRO DALI I350-I700 CC

Dimension  
LxWxH= 182x82x22 mm

**45BA66000378**



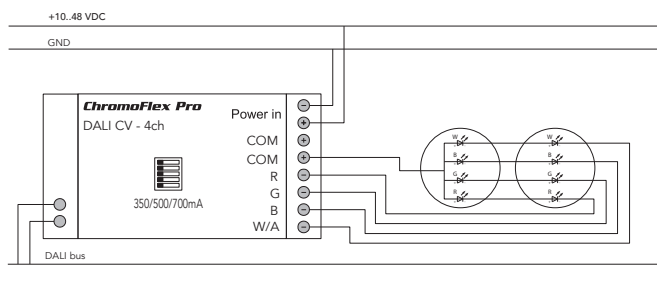
DALI

4-Channel (monochrome to RGBW/RGBA), DALI controlled

10-48V DC	max. 350 mA / 500 mA/Channel	max. 96W (48V DC)
10-24V DC	max. 700 mA/Kanal	max. 67W (24V DC)

HINWEIS: Bei Verwendung von Konstantstrom-Steuerungen (CC) werden Konstantspannungs-Netzteile (CV) benötigt.

NOTE: Constant Voltage (CV) power supplies are required when using constant current (CC) controllers.



CHROMOFLEX PRO KNX STRIPE CV

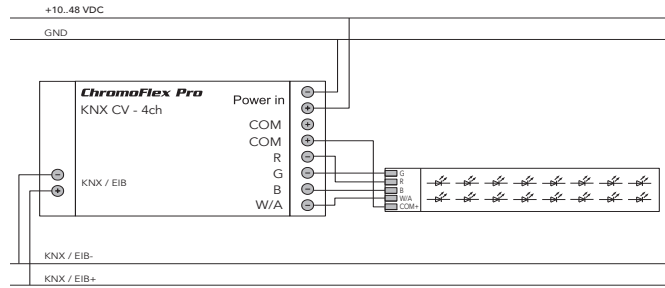
Dimension  
LxWxH= 182x82x22 mm

45BA66000374



4-Channel to RGBW/RGBA, KNX controlled

max. 2,2 A/Channel (24V DC)	max. 212W (24V DC)
max. 2,2 A/Channel (24V DC)	max. 424W (48V DC)



CHROMOFLEX PRO KNX I350-I1050CC

Dimension  
LxWxH= 182x82x22 mm

45BA66000434



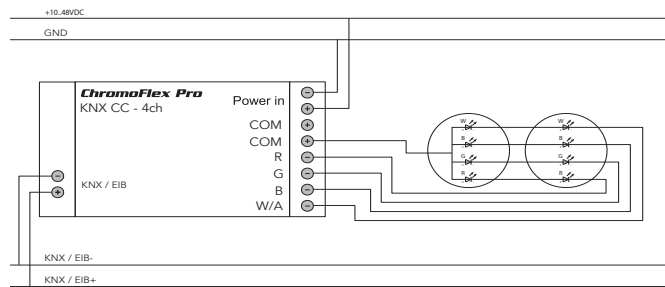
4-Channels to RGBW/RGBA, KNX controlled

10-48V DC	max./channels: 350 mA / 500 mA / 700 mA / 1050 mA *	max. 135W (48V DC)
		max. 67W (24V DC)

\* 1050 mA nur bei 1- und 2-Kanal Lösungen  
\* 1050 mA only for 1- and 2-channel solutions

HINWEIS: Bei Verwendung von Konstantstrom-Steuerungen (CC) werden Konstantspannungs-Netzteile (CV) benötigt.

NOTE: Constant Voltage (CV) power supplies are required when using constant current (CC) controllers.



## HCL CONTROLS

INTERFACE max. 32 mA/channel  
Dimension  
LxWxH= 130x30x21 mm **410-8020025**



Controller for luminaires in a white-white configuration. Manual control of the lighting system through the touch panel or any standard push button (functions individually adjustable) combined with a clock module or touch panel. Controller allows connecting or controlling luminaires with up to 16 ECGs (DALI supply current of 32 mA/channel max.). The power supply for each luminaire can be found on the data-sheet of the luminaires. The system can be expanded with the EXTENDER (Art. No. 410-8020024). An integrated relay connects the power supply to the luminaires in the network (up to 1000VA max.), to reduce the power loss in stand-by modus.

TOUCH-PANEL Dimension  
LxWxH= 151x80x10 mm **410-8020030**



Touch panel with integrated Clock module. Contents: 4-pin GIRA frame, connector plug, mounting frame for flush-mount socket, RJ10 cable and connection adapter. Wall mounting with included ring to mount on standard flush-mount sockets. Power supply through controller.



SENSORS Dimension  
LxWxH= 46,5x20,5x16 mm  
Surface PIR-Sensor with integrated power supply  
Sensor 1 - 410-8020031  
Sensor 2 - 410-8020032  
Sensor 3 - 410-8020033



CLOCK-MODULE Dimension  
LxWxH= 50x25x10 mm **410-8020026**



The module Clock allows controlling the brightness and colour temperature of lighting systems, when combined with the Controller INTERFACE. The standard set of parameters of the module can be viewed on the Smartphone App and be adjusted to match your individual needs. Power supply through controller.



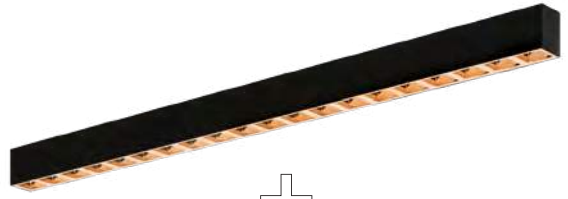
EXTENDER max. 32 mA/channel  
Dimension  
LxWxH= 130x30x21 mm **410-8020024**



The DALI Extender allows you to extend the HCL system with another independent DALI line using 32 mA/channel DALI supply current. Up to 3 extenders can be used in one system.



**Optional:**  
APP (iOS/Android)  
Push button  
Sensors (max. 3 pcs)



**Optional:**  
APP (iOS/Android)  
Push button  
Sensors (max. 3 pcs)



**INTEGRATED HCL CONTROLS FOR SINGLE LUMINAIRE**

**DALI ECO BT RTC CONTROL Steuergerät**

- Plug & Play - Adjusting parameters is recommended, but not necessary.
- Integrated clock with a 72h energy storage in case of mains power failure.
- Automatic color & brightness control depending on the stored curve and the local time.
- Up to 4 Timer settings (Start/Stop Time, optionally depending on the day of the week.)
- Custom scenes which are easy to set up

**540-016537**



**DALI LS/PD LI G2 SENSOR**

**540-072069**



## CC CONVERTER

CC7W	<b>427-CC7W350A5</b>	220-240V AC	1-6,5W	350 mA/DC	2,7-19,2V/DC	49x27x20 mm
CC7W	<b>427-CC7W500A5</b>	220-240V AC	1,5-6W	500 mA/DC	2,7-12,8V/DC	49x27x20 mm
CC7W	<b>427-CC7W700A5</b>	220-240V AC	1,5-6,5W	700 mA/DC	2,7-9,6V/DC	49x27x20 mm

### PHASE-CUT

CC6W	<b>427-CC6W350TR</b>	198-264V AC	4,55-7,35W	350 mA/DC	13-21V/DC	48,2x30x20 mm
CC10W	<b>427-CC10W500TR</b>	198-264V AC	6,5-10W	500 mA/DC	13-20V/DC	58,2x36x20 mm



MP15	<b>448-122360</b>	90-264V AC + 170-275V DC	max. 2,5W	60 mA/DC	2-41,5V/DC	115x34x19 mm
			max. 5W	120 mA/DC	2-41,5V/DC	
			max. 7,4W	180 mA/DC	2-41,5V/DC	
			max. 10W	240 mA/DC	2-41,5V/DC	
			max. 12,4W	300 mA/DC	2-41,5V/DC	
			max. 15W	360 mA/DC	2-41,5V/DC	



LCA 15W flexC PH-C SR ADV	<b>3587500627</b>	198-264V AC	5,1-7,6W	180 mA/DC	28-42V/DC	101,5x51x29,5 mm
PHASE CUT			7-10,5W	250 mA/DC	28-42V/DC	
			9,8-15W	350 mA/DC	28-42V/DC	



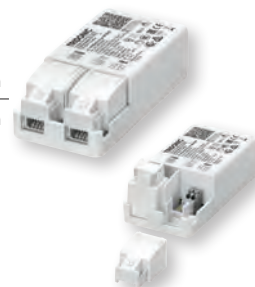
### PHASE-CUT

LC7W 7W fixC SR SNC2	<b>3528003348</b>	198-264V AC	1,1-7W	350 mA/DC	3-20V/DC	101,5x49x29,0 mm
LCBI 10W ADV SR	<b>3587500274</b>	198-264V AC	5-10W	350 mA/DC	14-28V/DC	
LCBI 10W ADV SR	<b>3587500275</b>	198-264V AC	5-10W	500 mA/DC	10-20V/DC	101,5x51x29,5 mm



1-10V PHASE CUT

LC7W 15W fixC SR SNC2	<b>3528003345</b>	198-264V AC	9,5-14,7W	350 mA/DC	27-42V/DC	101,5x49x29 mm
LC7W 21W fixC SR SNC2	<b>3528003346</b>	198-264V AC	13,5-21W	500 mA/DC	27-42V/DC	



PHASE CUT

LC 20W flexC SR ADV	3528002496	198-264V AC	8,75-17,5W	350 mA/DC	25-50V/DC	101,5x51 x29,5 mm
			10-20W	500 mA/DC	20-40V/DC	
			10-20W	700 mA/DC	14-28,5V/DC	



Mini Jolly 250-900 mA	448-125400	99-264V AC + 176-280V DC	max. 18W	350 mA/DC	15-50V/DC	110,4x52x22 mm
			max. 20W	500 mA/DC	5-40V/DC	
			max. 20W	700 mA/DC	3-29V/DC	
			max. 20W	900 mA/DC	3-23V/DC	
			max. 10W		12V/DC	
			max. 20W		24V/DC	



1-10V PUSH DIM

LCA 35W flexC SR ADV	3528002495	198-264V AC	17,5-35 W	350 mA/DC*	50-100V/DC	160x82x34 mm
			17,6-35W	500 mA/DC	35-70V/DC	
LCA 35W flexC SR ADV	3528002494	198-264V AC	17,5-35W	700 mA/DC*	25-50V/DC	160x82x34 mm
			17,6-35 W	800 mA/DC	22-44V/DC	
			17,5-35W	1050 mA/DC	16,5-33,5V/DC	
LCA 60W flexC SR ADV	3528002498	198-264V AC	30-56W	1050 mA/DC*	28,5-54V/DC	160x82x34 mm
			30-60W	1200 mA/DC	25-50V/DC	
			30-60W	1400 mA/DC	21,5-43V/DC	



PLUG  
3528001771 | ADV Plug Type A

\*Standardwert, kein Plug notwendig.  
Default value, no plugin necessary.

zur Stromeinstellung  
for current setting

LCA 44W flexC PH-C SR ADV	3587500605	198-264V AC	20-30W	700 mA/DC	28-42V/DC	130x68x31 mm
			29,5-44W	1050 mA/DC	28-42V/DC	

PHASE CUT



LC 35W fixC SR ADV	3587500866	198-264V AC	26,4-35,2W	800 mA/DC	33-44V/DC	127x43x30 mm
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## CC CONVERTER

DC T-TU IP68	<b>448-122713</b>	198-264V/AC + 176-264V/DC	max. 10W	350 mA/DC	2-28V/DC	ø 105 x 74 mm
DC T-TU IP68	<b>448-122717</b>	198-264V/AC + 176-264V/DC	max. 17W	700 mA/DC	3-24V/DC	ø 105 x 74 mm

IP68



Maxi Jolly US DALI 60	<b>448-127413</b>	99-264V/AC + 170-276V/DC	max. 25W	350 mA/DC	2-74V/DC	125 x 79 x 22 mm
		99-264V/AC + 170-276V/DC	max. 35W	500 mA/DC	2-72V/DC	
		99-264V/AC + 170-276V/DC	max. 50W	700 mA/DC	2-72V/DC	
		99-264V/AC + 170-276V/DC	max. 60W	900 mA/DC	2-66V/DC	
		99-264V/AC + 170-276V/DC	max. 60W	1050 mA/DC	2-57V/DC	

DALI PUSH DIM 1-10V

### Zubehör

448-485720512	Synchronisationskabel 1,5 m
448-485720513	Synchronisationskabel 4 m



LC 20W o4a NF SR EXC3	<b>3587500921</b>	198-264V/AC 176-270V/DC	1,5-4,4W	100 mA/DC	15-44V/DC	120x51x29,2 mm
			2-11W	250 mA/DC	7-44V/DC	
			2,5-15W	350 mA/DC	7-44V/DC	
			3,5-18W	500 mA/DC	7-36V/DC	
			5-18W	700 mA/DC	7-25,8V/DC	
			6,3-18W	900 mA/DC	7-20V/DC	
			7,5-18W	1050 mA/DC	7-17V/DC	



LC 27W o4a NF SR EXC3	<b>3587500922</b>	198-264V/AC 176-270V/DC	2,7-5,4W	100 mA/DC	27-54V/DC	160x82x34 mm
			9,5-18,9W	350 mA/DC	27-54V/DC	
			13,5-27W	500 mA/DC	27-54V/DC	

LC 45W o4a NF SR EXC3	<b>3587500923</b>	198-264V/AC 176-270V/DC	13,5-27W	500 mA/DC	27-54V/DC	160x82x34 mm
			18,9-37,8W	700 mA/DC	27-54V/DC	
			21,6-43,2W	800 mA/DC	27-54V/DC	
			28,5-45W	1050 mA/DC	27-42,9V/DC	

DALI SWITCH DIM



Stromeinstellung bei Bestellung angeben (zum Beispiel: 3587500923-0800MA)  
 Specify current setting when ordering (for Example: 3587500923-0800MA)  
 Spécifiez le réglage de courant lors de la commande (par exemple 3587500923-0800MA)  
 Specificare l'impostazione della corrente al momento dell'ordine (ad es 3587500923-0800MA)

PMR24 24V	<b>45A-LKV024-008RU</b>	190-265V/AC	24V/DC	max. 8,4W	ø 53x19mm
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Slim 24V	<b>45AA40SL243500B</b>	100-265V/AC	24V/DC	max. 8,4W	114x22x19mm
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SHT-MTL	<b>439-VLM040E-24-T</b>	220-240V/AC	24V/DC	max. 40W	199x20x20mm
SHT-MTL	<b>439-VLM060E-24-T</b>	220-240V/AC	24V/DC	max. 60W	199x20x20mm
SHT-MTL	<b>439-VLM100E-24-T</b>	220-240V/AC	24V/DC	max. 100W	209x26x20mm



LPH-18 24V	<b>440-LPH-18-24</b>	180-264V/AC	24V/DC	max. 18W	140x30x22mm
LPV-35 24V	<b>440-LPV-35-24</b>	90-264V/AC	24V/DC	max. 35W	148x40x30mm
LPV-60 24V	<b>440-LPV-60-24</b>	90-264V/AC	24V/DC	max. 60W	163x43x32mm
LPV-100 24V	<b>440-LPV-100-24</b>	90-264V/AC	24V/DC	max. 100W	190x52x37mm



**IP67**

LC 24V SC SNC	<b>3587500852</b>	198-264V/AC	24V/DC	max. 35W	142x43x30mm
LC 24V SC SNC	<b>3587500665</b>	198-264V/AC	24V/DC	max. 60W	225x43x30mm
LC 24V SC SNC	<b>3587500666</b>	198-264V/AC	24V/DC	max. 100W	295x43x30mm
LC 24V SC SNC	<b>3587500855</b>	198-264V/AC	24V/DC	max. 200W	325x43x30mm



## CV CONVERTER 24V

DC T-TU IP68 24V	<b>448-122715</b>	198-264V/AC 176-264V/DC	24V/DC	max. 20W	ø 105 x 74 mm
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IP68



ELG-75	<b>440-ELG-75-24DA</b>	100-305 V/AC 142-431 V/DC	24V/DC	max. 75W	180x63x35,5 mm
ELG-150	<b>440-ELG-150-24DA</b>	100-305 V/AC 142-431 V/DC	24V/DC	max. 150W	219x63x35,5 mm
ELG-240	<b>440-ELG-240-24DA</b>	100-305 V/AC 142-431 V/DC	24V/DC	max. 240W	244 x 71 x 35,5 mm

DALI




IP67

ELG-75

ELG-250

ELG-240



OPTOTRONIC OT LED IP66 24V	<b>540OT060P</b>	198-264V/AC 176-250V/DC	24V/DC	max. 60W	205 x 43 x 26 mm	
OPTOTRONIC OT LED IP67 24V	<b>540OT130P</b>	198-264V/AC 176-250V/DC	24V/DC	max. 130W	220x63x37 mm	
OPTOTRONIC OT LED IP67 24V	<b>540OT250P</b>	198-264V/AC 176-250V/DC	24V/DC	max. 250W	265 x 68 x 40 mm	

IP66

IP67



OPTOTRONIC OT LED IP66 24V	<b>540OT060P-AN</b>	198-264V/AC/DC	24V/DC	max. 60W	205 x 43 x 26 mm	
OPTOTRONIC OT LED IP67 24V	<b>540OT130P-AN</b>	198-264V/AC/DC	24V/DC	max. 130W	220x63x37 mm	
OPTOTRONIC OT LED IP67 24V	<b>540OT250P-AN</b>	198-264V/AC/DC	24V/DC	max. 250W	265 x 68 x 40 mm	

1-10V

IP66

IP67



DC 45W MD 24V	<b>448-127913</b>	220-240V/AC	24V/DC	max. 45W	180x60x35 mm
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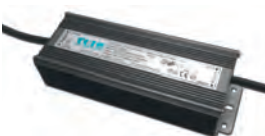
PHASE CUT



DC 80W MD 24V	<b>448-127915</b>	220-240V/AC	24V/DC	max. 80W	200x70x46 mm
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PHASE CUT

IP66





LCA one4all SC PRE24V	<b>3528001662</b>	198-264V/AC 176-280V/DC	24V/DC	max. 35W	195x43x32,2mm
LCA one4all SC PRE24V	<b>3528001663</b>	198-264V/AC 176-280V/DC	24V/DC	max. 60W	225x43x32,2mm
LCA one4all SC PRE24V	<b>3528001253</b>	198-264V/AC 176-280V/DC	24V/DC	max. 100W	295x43x29,8mm
LCA one4all SC PRE24V	<b>3528001437</b>	198-264V/AC 176-280V/DC	24V/DC	max. 150W	325x43x29,8mm





**PURE 3 / P.FORTY** <sup>1</sup>  
direct

Length luminaire	LO	HO	HCL
563 mm	-	-	-
633 mm	-	-	-
703 mm	-	-	-
773 mm	-	-	-
843 mm	-	-	-
913 mm	-	-	-
983 mm	-	-	-
1053 mm	●	●	-
1123 mm	●	●	●
1403 mm	●	●	●
1683 mm	●	●	●
2243 mm	●	●	●

**PURE 3 / P.FORTY** <sup>1</sup>  
direct/indirect

Length luminaire	LO	HO	HCL
563 mm	-	-	-
633 mm	-	-	-
703 mm	-	-	-
773 mm	-	-	-
843 mm	-	-	-
913 mm	-	-	-
983 mm	-	-	-
1053 mm	-	●	-
1123 mm	●	●	●
1403 mm	●	●	●
1683 mm	●	●	●
2243 mm	●	●	●

**P.FORTY** <sup>1</sup>  
direct - asymmetric

Length luminaire	LO	HO	HCL
563 mm	-	-	-
633 mm	-	-	-
703 mm	-	-	-
773 mm	-	-	-
843 mm	-	-	-
913 mm	-	-	-
983 mm	-	-	-
1053 mm	●	●	-
1123 mm	●	●	●
1403 mm	●	●	●
1683 mm	●	●	●
2243 mm	●	●	●

**P.FORTY** <sup>1</sup>  
direct/indirect - asymmetric

Length luminaire	LO	HO	HCL
563 mm	-	-	-
633 mm	-	-	-
703 mm	-	-	-
773 mm	-	-	-
843 mm	-	-	-
913 mm	-	-	-
983 mm	-	-	-
1053 mm	-	●	-
1123 mm	●	●	●
1403 mm	●	●	●
1683 mm	●	●	●
2243 mm	●	●	●

**QUADRO** <sup>1</sup>  
surface - BAP

Length luminaire + 300 mm	LO	HO	HCL
1124 mm	●	●	●
1404 mm	●	●	●
1684 mm	●	●	●
2244 mm	●	●	●
2804 mm	●	●	●
3364 mm	●	●	●

**QUADRO** <sup>1</sup>  
surface - satiné, micro

Length luminaire + 300 mm	LO	HO	HCL
1130 mm	●	●	●
1410 mm	●	●	●
1690 mm	●	●	●
2250 mm	●	●	●
2810 mm	●	●	●
3370 mm	●	●	●

**QUADRO** <sup>1</sup>  
pendant - direct/indirect - microprismatic

Length luminaire + 300 mm	LO	HO	HCL
1130 mm	●	●	●
1410 mm	●	●	●
1690 mm	●	●	●
2250 mm	●	●	●
2810 mm	●	●	●
3370 mm	●	●	●

**QUADRO** <sup>2</sup>  
recessed frame - BAP - satiné - micro

Length luminaire	LO	HO	HCL
576 mm	●	●	-
1136 mm	●	●	-
1416 mm	●	●	-
1696 mm	●	●	-
2256 mm	●	●	-

**QUADRO PENDANT** <sup>1</sup>  
pendant - direct - direct/indirect - BAP

Length luminaire + 300 mm	LO	HO	HCL
1124 mm	●	●	●
1404 mm	●	●	●
1684 mm	●	●	●
2244 mm	●	●	●
2804 mm	●	●	●
3364 mm	●	●	●

**TRIFLECT INSET PURE 3** <sup>1</sup>  
direct - direct/indirect

Length luminaire	LO	HO
564 mm	-	-
1790 mm	●	●
2000 mm	●	●

**METEOR EB / FLIP - METIS M - TAURUS M - MIZAR M** <sup>3</sup>

LO	MO	HO	VHO
●	●	●	-

**DIVA S - DIVA M** <sup>3</sup>

LO	HO
●	●

**COSMO L - COSMO XL** <sup>3</sup>

LO	HO	VHO
●	●	-

**METIS - TAURUS** <sup>3</sup>

LO	MO	HO
●	●	●

**LILIBET** <sup>1</sup>  
surface/pendant - direct - direct/indirect

	LO	HO/VHO	HCL
330 mm	●	●	●
420 mm	●	●	●
620 mm	●	●	●

**ANTO+** <sup>3</sup>  
frame/frameless

	LO	HO	HCL
2 spots	-	-	-
4 spots	●	●	-
6 spots	●	●	-
8 spots	●	●	-
12 spots	●	●	-
18 spots	-	-	-

**SINUS RING** <sup>1</sup>  
pendant/surface - direct

	LO	HO	HCL
1174 mm	●	●	●
1530 mm	●	●	●
2950 mm	●	●	●
5790 mm	●	●	●

**SINUS RING FRAME** <sup>1</sup>  
direct

	LO	HO	HCL
1190 mm	●	●	●
1546 mm	●	●	●
2966 mm	●	●	●
5806 mm	●	●	●

**SINUS RING** <sup>1</sup>  
pendant - direct/indirect

	LO	HO	HCL
1174 mm	●	●	●
1530 mm	●	●	-
2950 mm	●	●	-
5790 mm	●	●	●

**SINUS SEGMENTS** <sup>1</sup>  
direct

	LO	HO	HCL
552/45°	-	-	-
552/90°	-	-	-
730/45°	-	-	-
730/90°	●	●	-
1440/45°	●	●	●
1440/90°	●	●	●
2860/45°	●	●	●

**SINUS SEGMENTS**

surface / indirect	LO	HO	HCL
552 / 45°	-	-	-
552 / 90°	-	-	-
730 / 45°	-	-	-
730 / 90°	●	●	-
1440 / 45°	●	●	-
1440 / 90°	●	●	●
2860 / 45°	●	●	●

**OPHELIA**

surface / pendant - direct	LO	HO/VHO	HCL
330 mm	●	●	●
420 mm	●	●	●
620 mm	●	●	●
920 mm	●	●	●
1220 mm	●	●	●

**OPHELIA**

surface / pendant - direct / indirect	LO	HO/VHO	HCL
330 mm	●	●	●
420 mm	●	●	●
620 mm	●	○ (except VHO)	●
920 mm	●	●	●
1220 mm	●	●	●

**ODELIA**

surface / pendant - direct	LO	HO/VHO	HCL
330 mm	●	●	●
420 mm	●	●	●
620 mm	●	●	●

**ODELIA**

surface / pendant - direct / indirect	LO	HO/VHO	HCL
330 mm	●	●	●
420 mm	●	●	●
620 mm	●	○ (except VHO)	●

**OLMO**

surface / pendant - direct	LO	HO	HCL
330 x 330 mm	●	●	●
465 x 465 mm	●	●	●
594 x 594 mm	●	●	●
892 x 892 mm	●	●	●
1166 x 1166 mm	●	●	●

**OLMO**

surface / pendant - direct / indirect	LO	HO	HCL
330 x 330 mm	●	●	●
465 x 465 mm	●	●	●
594 x 594 mm	○ (only surface)	○ (only surface)	○ (only surface)
892 x 892 mm	●	●	●
1166 x 1166 mm	●	●	●

- Notlichttaugliche Variante erhältlich | *Emergency lighting available* | *Éclairage de secours disponible* | *Disponibile come luce d'emergenza*
- Notlichttaugliche Variante teilweise erhältlich | *Emergency lighting partially available* | *Éclairage de secours partiellement disponible* | *parzialmente disponibile come luce d'emergenza*
- Notlichttaugliche Variante nicht erhältlich | *Emergency lighting not available* | *Éclairage de secours non disponible* | *Non disponibile come luce d'emergenza*

	Erstladung   <i>Initial charging</i>   <i>Charge d'initialisation</i>   <i>Carico iniziale</i>	Schnellladung   <i>Quick charging</i>   <i>Charge rapide</i>   <i>Carico rapido</i>	Erhaltungsladung   <i>Trickle charging</i>   <i>Charge de mantenimento</i>
①	1,5W	1,5W	1,5W
②	1,0W	1,1W	0,7W
③	3,7W	4,1W	2,8W

**SENSORS**

Stand alone, ambient light & motion detection  
 BLINDADECKUNG | *BLANK COVER* | *CACHE OPAQUE* | *COPERTURA DI RISPORO*



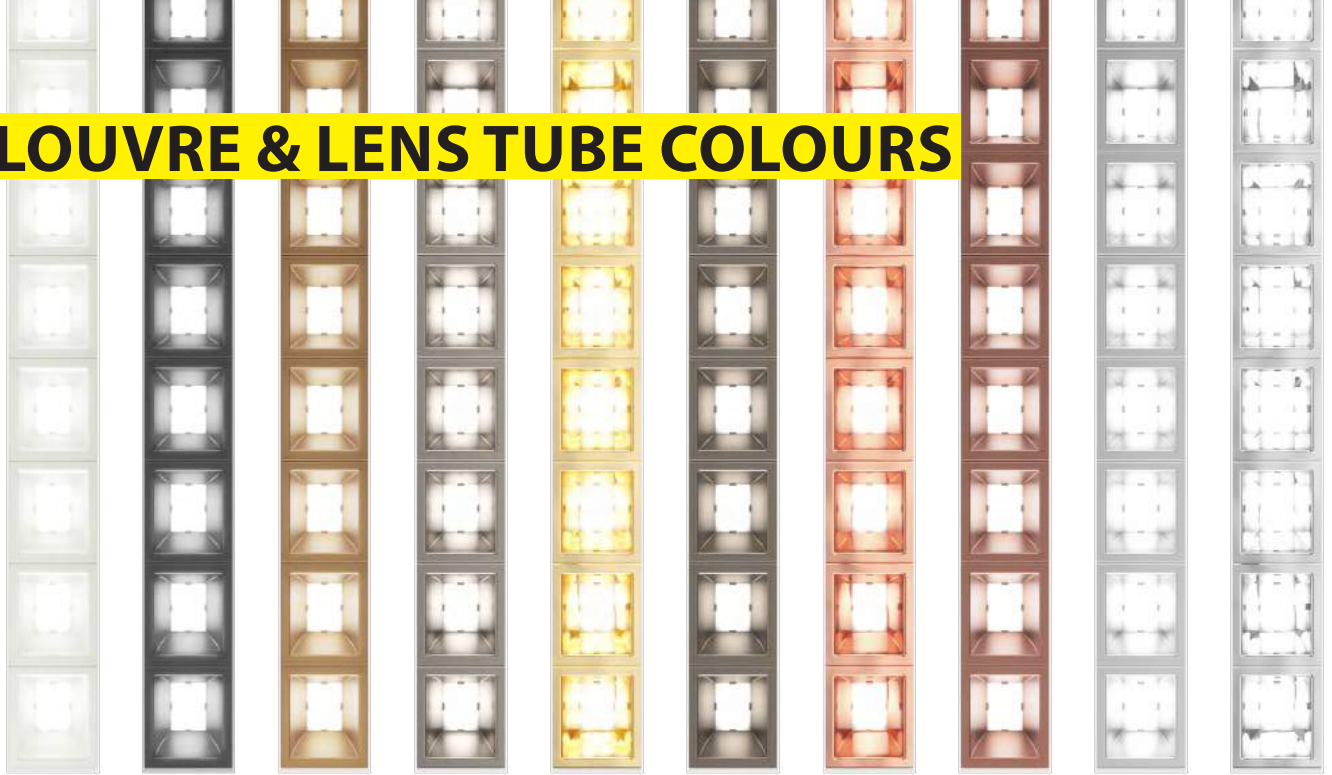
QUADRO HCL	P.THIRTY	P.FORTY HCL	PURE 3 HCL	HALO, SINUS, LILIBET HCL
3000 / 4000 K: Length luminaire +25 mm	Length luminaire +190 mm	Length luminaire +70 mm	Length luminaire +50 mm	only extern
HCL: Length luminaire +70 mm				

INSTALLED IN LUMINAIRE

OPHELIA, ODELIA	OLMO	SKAI



# LOUVRE & LENS TUBE COLOURS



white  
9016

black  
9005

glaring  
gold

black chrome  
matte

high-gloss  
gold

gunnery  
grey

high-gloss  
copper

capital  
copper

silver  
matte

high-gloss  
silver



## GOOD to know

Rectangular quiet luminaires can also be ordered in customized sizes.  
On request also versions with pure 3 or p.forty are possible.

# ABSORBER COLOURS

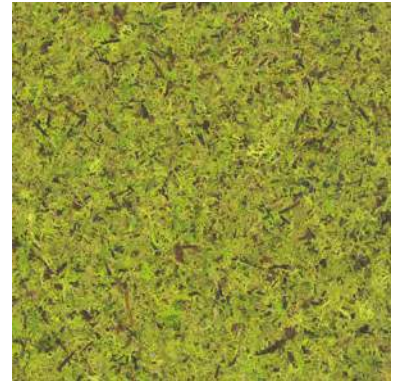
## ORGANOID®



WILDSPITZE  
[vɪltʃpɪtsə]



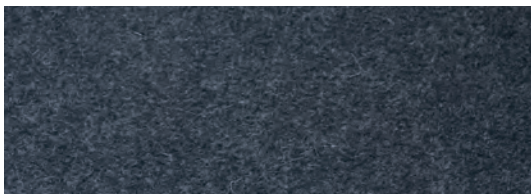
WOLLÄ  
[ˈvɔlæ]



MOUS  
[ˈmæʊz]

## FELT.QUIET

### STANDARD



ANTHRACITE MELANGE



LIME



PEBBLE | KIESEL

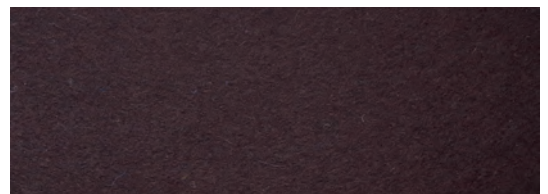
### EXTRA +



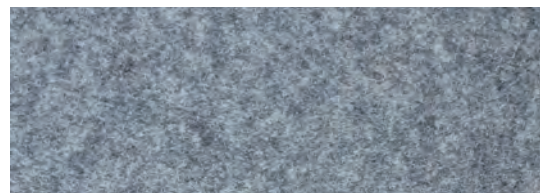
BLACK



FIRE



CHOCOLATE



LIGHT GREY MELANGE





# felt

Akustikpaneel  
Acoustic panel  
Panneau acoustique  
Elementi fonoassorbenti



suspended round






wall mounted (magnetic)  
rectangle 604 x 1204 mm







wall mounted (magnetic)  
square 604 x 604 mm




## 1 TYPE

-  Suspended Rectangle / Square
-  Suspended Round
-  Wall Mounted Rectangle / Square

## 2 SIZE

- HE**  604x604 mm
- HR**  604x1204 mm
- WE**  Ø 700 mm
-  Ø 900 mm
-  Ø 1200 mm

## 3 MATERIAL

-  **06Q** QUIET.FELT standard anthracite melange **QA**
-  **120** QUIET.FELT extra+ light grey melange **QG**
-  **070** QUIET.FELT standard lime **QL**
- 090**
- 120**

643-1-2-3

643-WE120-QA 600 x 1200 mm, anthracite melange acoustic module (order sample)

**CONFIGURE ONLINE**

[catalog.planlicht.com](http://catalog.planlicht.com)



**EQUIVALENT SOUND ABSORPTION AREA / ABSORBER QUIET.FELT**

$A_{eq}$

Frequency Hz	100	125	160	200	250	315	400	500	630	800	1000	1250	1600	2000	2500	3150	4000	5000
600x600mm	0,16	0,24	0,40	0,64	0,74	0,83	0,94	1,02	1,08	1,09	1,07	1,08	1,04	1,02	1,00	1,01	1,02	1,03
600x1200mm	0,15	0,26	0,41	0,63	0,75	0,84	0,95	1,03	1,09	1,10	1,08	1,08	1,05	1,02	1,00	1,02	1,03	1,03
Ø 900mm	0,03	0,07	0,25	0,37	0,42	0,52	0,53	0,69	0,81	0,89	1,06	1,1	1,2	1,21	1,26	1,25	1,23	1,22

**RECOMMENDED NUMBER OF PANELS**

	2x	4x	6x	8x	12x	15x
panel 600x1200mm						
panel 600x600mm	4x	8x	12x	16x	24x	30x
Ø 700mm	4x	8x	12x	16x	24x	30x
Ø 900mm	2-3x	4-5x	6-7x	9x	13-14x	17x
Ø 1200mm	1-2x	2-3x	4x	5-6x	8x	10x
small rooms < 15 m <sup>2</sup>	noticeable	good	very good	excellent		
medium rooms < 20 m <sup>2</sup>		noticeable	good	very good	excellent	
large rooms < 35 m <sup>2</sup>		noticeable	noticeable	good	very good	excellent

**ACOUSTIC PANEL**

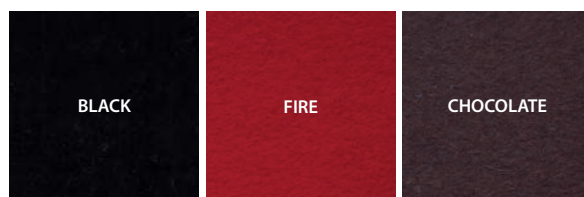
ISO 11654: Class A,  $\alpha_w = 1,00$   
 EN 13501-1: B-s2,d0

For exact planning contact your local acoustic physicist.

**3 MATERIAL OPTIONS**



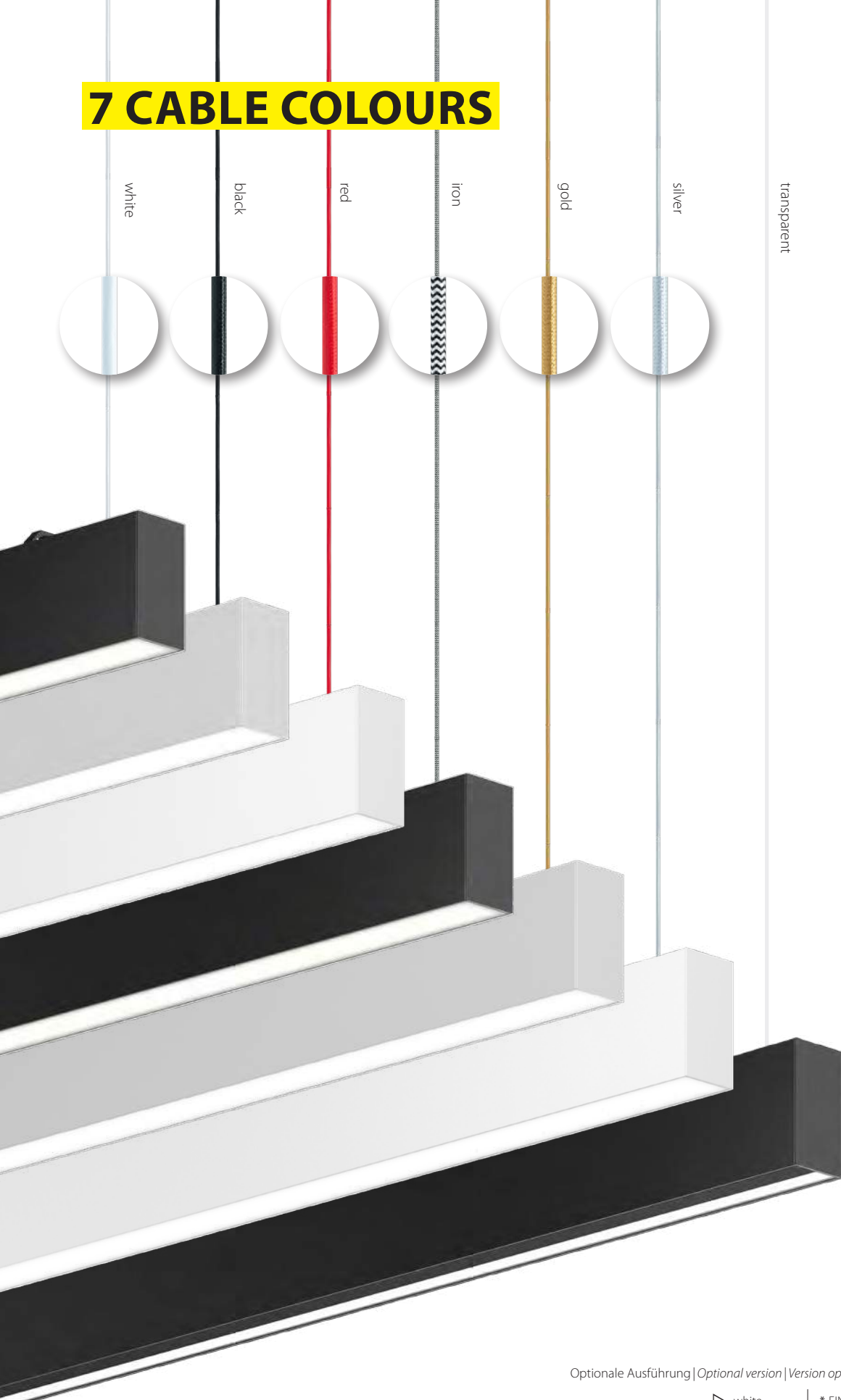
available as stand-alone panel and for SINUS.QUIET and QUADRO.QUIET



available for SINUS.QUIET and QUADRO.QUIET on request



# 7 CABLE COLOURS



Optionale Ausführung | *Optional version* | *Version optionnelle* | *Versione opzionale*

**Einspeiskabel**  
*Suspension cable*  
*Câble d'alimentation*  
*Cavo di alimentazione*

1750 mm  
 5 x 0,75 mm<sup>2</sup>

▷ white	*-EIN-WHITE
▶ black	*-EIN-BLACK
▶ red	*-EIN-RED
▷ iron	*-EIN-IRON
▶ gold	*-EIN-GOLD
▷ silver	*-EIN-SILVER



Transparent cable incl. (standard version)

for special requests 

# 90 HOUSING COLOURS



RAL 1001	RAL 1003	RAL 1004	RAL 1013	RAL 1014	RAL 1015	RAL 1016	RAL 1018	RAL 1019	RAL 1021
RAL 1023	RAL 1035	RAL 1036	RAL 2000	RAL 2001	RAL 2003	RAL 2008	RAL 2009	RAL 3000	RAL 3002
RAL 3003	RAL 3009	RAL 3011	RAL 3013	RAL 3016	RAL 3018	RAL 3020	RAL 3031	RAL 3032	RAL 3033
RAL 4005	RAL 4010	RAL 4011	RAL 4012	RAL 5002	RAL 5004	RAL 5010	RAL 5012	RAL 5013	RAL 5018
RAL 5023	RAL 5024	RAL 5025	RAL 5026	RAL 6013	RAL 6014	RAL 6017	RAL 6018	RAL 6019	RAL 6027
RAL 6034	RAL 7001	RAL 7004	RAL 7006	RAL 7011	RAL 7012	RAL 7013	RAL 7015	RAL 7016	RAL 7021
RAL 7022	RAL 7024	RAL 7030	RAL 7031	RAL 7032	RAL 7035	RAL 7037	RAL 7038	RAL 7039	RAL 7043
RAL 7044	RAL 7047	RAL 7048	RAL 8003	RAL 8011	RAL 8012	RAL 8016	RAL 8017	RAL 8019	RAL 8024
RAL 8024	RAL 8029	RAL 9001	RAL 9002	RAL 9011	RAL 9017	RAL 9022			
							Gunnery GREY	Capital COPPER	Glaring GOLD



# Technische Informationen

Leistung, Lichtstrom und Farbtemperatur unterliegen durch den Einsatz von elektronischen Bauteilen produktionsbedingten Toleranzen. Toleranzen Leistung und Lichtstrom: +/- 10 %. Toleranz Farbtemperatur: +/- 150 K. Lichtstrom dynamisch weiss bei 2700K.

## Bestromung und Temperatur

LEDs unterliegen während ihrer Lebensdauer Veränderungen in den Eigenschaften. Die Bestromung der LED und das Temperaturmanagement nehmen dabei vorrangig Einfluss. Zunehmend mit der Betriebstemperatur der LED verstärken sich über die Nutzungsdauer Verschiebungen des Farborts und Abnahme des Lichtstroms. Um die Veränderung zu minimieren, werden die Produkte in diesem Katalog daher meist mit weniger Strom betrieben als vom Hersteller empfohlen. In Verbindung mit ausgereiftem Thermomanagement können wir damit eine niedrige Betriebstemperatur unserer LEDs sicherstellen, was eine nachhaltig geringere Farbortverschiebung und minimierte Lichtstromabnahme zur Folge hat.

## Farbortverschiebung

Während der Einbrennphase in den ersten 1.000 Betriebsstunden unterliegen LEDs einer Farbortverschiebung einer 2-Step-MacAdam-Ellipse. Mit niedrigem Betriebsstrom erhöht sich die Farbortverschiebung nach diesem Zeitraum über die Lebensdauer unserer LEDs ausgehend vom gelieferten Binning-Feld nur geringfügig. Die gesamte Farbortverschiebung bleibt somit in der Regel innerhalb einer 3-Step-MacAdam Ellipse.

## Lichtstromabnahme

LEDs verlieren über die Zeit an Lichtstrom. Diese Lichtstromdegradation lässt sich über verschiedene Werte messen: L-Wert, B-Wert und Betriebsdauer in Stunden. Der L-Wert gibt den Prozentsatz des Anfangslichtstroms bei Erreichen der Betriebsdauer in Stunden an. Der B-Wert sagt aus, wie viel Prozent der LED den L-Wert unterschreiten dürfen. Ist kein B-Wert angegeben, so gilt der Wert B50. Beispielfähig würde das bei der Angabe 40.000h L80/B50 bedeuten, dass nach einer Betriebsdauer von 40.000h der Ausgangslichtstrom auf 80% gesunken ist und mindestens 50% der LEDs diesen Wert nicht unterschreiten. Da die tatsächlich erreichte Lebensdauer von verschiedensten Faktoren wie der Umgebungstemperatur, Luftfeuchtigkeit und der eingestellten Bestromung (LO, HO, usw.) abhängt, werden in diesem Katalog nur Richtwerte für den jeweiligen Leuchtentyp angegeben. Auf Anfrage kann die Lebensdauer für einen expliziten Leuchtentyp unter Angabe der zu erwartenden Randbedingungen weiter eingegrenzt werden. Bei den hier aufgeführten Leuchten mit einem Indirektanteil sind die Direkt- und die Indirektseite standardmäßig nicht getrennt schaltbar (Artikelnummer-Bereich Output: 1, non-dim) beziehungsweise nicht getrennt schalt- und dimmbar (Artikelnummer-Bereich Output: 3, DALI dim) ausgeführt. Die mit „DALI switchDIM“ gekennzeichneten Leuchten sind sowohl über DALI, als auch unter Verwendung einer Neutralleiterbrücke mit switch-Dim ansteuerbar. Falls eine getrennte Schalt- oder Dimmbarkeit gewünscht ist, existieren in Abhängigkeit von der gewünschten Steuerart verschiedene vordefinierte Sonderausführungen.

Bei Interesse wenden Sie sich bitte an unser Kundenservicecenter.

# Technical Information

The power output, luminous flux and colour temperature can be slightly different due to specific electronic components used in the manufacturing process. The power output and luminous flux can differ by +/- 10 %. The colour temperature can differ by +/-150 K. Luminous flux dynamic white at 2700K.

## Current feed and temperature

LEDs are subject of changes during their lifespan. Current feed and thermal management take major influence. As LED operating temperatures increase, the colour locations shift more heavily and the luminous flux decreases over the LED's lifespan. To minimize changes the products in this catalogue are operated with less current than recommended by the manufacturer. Combined with advanced thermal management a lower operating temperature of our LEDs can be ensured which leads to lower levels of colour location shifts and luminous flux degradation over the long term.

## Colour point shift

During the burn-in-phase of the first 1'000 hours of operation LEDs are subject to a colour point shift of one 2-step MacAdam ellipse. Due to lower operating current the colour point shift increases slightly after the burn-in-phase during the lifespan of the LEDs based on the binning group at delivery. So the total colour point shift generally remains within one 3-step MacAdam ellipse.

## Luminous flux degradation

Over time the LEDs' luminous flux declines. This degradation of the luminous flux is measured by different values: L-value, B-value and time of operation in hours. The L-value represents the percentage of the luminous flux of the initial luminous flux when the time of operation is reached. The B-value shows the percentage of the LEDs whose luminous flux might be below the L-value upon reaching the time of operation. B50 applies to all products without specified B-value. For example: 40,000h L80/B50 means that at a usage of 40,000 hours we would expect a maximum of 50% (B50) of the LEDs are under 80% (L80) of their starting lux value (either by dimming, failing or a combination thereof). The estimated lifetime is defined under controlled conditions and will vary according to actual ambient temperature, humidity and the power output of the LED (LO, HO, etc.). Upon request we can estimate a more accurate luminaire lifetime when provided with information pertaining to the environmental conditions of the installation area. The case of direct/indirect luminaires with a "1" (non-dim) in the "Dimming Type" segment of the article number (#9), the direct and indirect sides cannot be separately switched as standard, with a "3" (DALI-dim) in the "Dimming Type" segment of the article number the direct and indirect sides are not separately switchable and dimmable. The luminaires marked with "DALI-switchDIM" can be controlled via DALI as well as switchDIM using a neutral conductor bridge. If separate switching or dimming is desired, then there are several predefined special versions depending on the desired control type.

If interested, please contact our Customer Service Center.



+43-5242-71608  
info@planlicht.com

CONTACT US

# Informations techniques

La puissance, le flux lumineux et la température de couleur peuvent légèrement différer en raison de l'utilisation de composants électroniques spécifiques dans le processus de production. La puissance et le flux lumineux peuvent différer de +/- 10 %. La température de couleur peut différer de +/- 150 K. Flux lumineux blanc dynamique à 2700 K.

## Alimentation et température

Les caractéristiques des LED peuvent changer au cours de leur durée de vie. L'alimentation des LED et la gestion thermique ont une influence considérable sur ces changements. Plus la température de la LED en fonctionnement est élevée, plus les risques de déviation chromatique et de perte de flux lumineux augmentent au cours de la durée d'utilisation. Pour minimiser ces changements, les produits du présent catalogue sont pour la plupart alimentés avec un courant d'intensité plus faible que celui recommandé par le fabricant. Grâce à des analyses approfondies sur la gestion thermique, nous pouvons garantir que la faible température de nos LED en fonctionnement réduit fortement les risques de déviation chromatique et de perte de flux au cours de la durée de vie du produit.

## Variation chromatique

Lors de la phase de rodage, pendant les 1 000 premières heures de fonctionnement, les LED ont une variation chromatique de rang 2 sur l'ellipse de MacAdam. Après cette phase et pendant toute la durée de vie de nos LED, les coordonnées chromatiques ne diffèrent que légèrement par rapport au groupe de binning livré, grâce à la faible intensité du courant d'alimentation. La variation chromatique reste donc généralement comprise à l'intérieur du rang 3 de l'ellipse de MacAdam.

## Perte de flux lumineux

Le flux lumineux des LED peut baisser au cours du temps. Il existe plusieurs indicateurs pour mesurer la dégradation du flux lumineux : valeur L, valeur B et durée de fonctionnement en heures. La valeur L correspond au pourcentage du flux lumineux initial quand la durée de fonctionnement en heures est atteinte. La valeur B indique le pourcentage de LED pouvant présenter un flux lumineux inférieur à la valeur L. Si la valeur B n'est pas indiquée, sa valeur par défaut est B50. Par exemple, l'indication « 40 000h L80/B50 » signifie que le flux lumineux sortant représente minimum 80 % du flux sortant initial après une durée d'utilisation de 40 000 heures et que minimum 50 % des LED conservent un flux supérieur ou égal à cette valeur. Comme la durée de vie réelle dépend de différents facteurs, comme la température ambiante, l'humidité de l'air et le courant d'alimentation (LO, HO, etc.), les valeurs indiquées dans le présent catalogue sont uniquement des valeurs indicatives pour les différents types de luminaires. Sur demande, la durée de vie d'un type de luminaire particulier peut être déterminée plus précisément, sous réserve de la transmission d'informations sur les conditions du site d'installation.

Les luminaires en éclairage direct/indirect présentés ici ne permettent pas, de manière standard, un allumage séparé des côtés direct et indirect (luminaires non gradables ou « nondim » avec le chiffre « 1 » en position « Output » du numéro d'article), ni un allumage et une gradation séparés des côtés direct et indirect (luminaires gradables DALI ou « DALI dim » avec le chiffre « 3 » en position « Output » du numéro d'article). Les luminaires avec la mention « DALI switchDIM » permettent d'utiliser soit une gestion DALI, soit une gestion switchDIM en installant un pont sur le conducteur neutre. Si vous souhaitez une version avec un allumage ou une gradation séparée, nous vous proposons des solutions sur-mesure en fonction du type de gestion désiré.

Pour toute demande, veuillez contacter notre service clients.

# Informazioni tecniche

Potenza, flusso luminoso e temperatura colore sono soggette a tolleranza dovuta all'uso di componenti elettroniche nella produzione. Tolleranza potenza e flusso luminoso +/- 10%. Tolleranza temperatura colore +/- 150K. Flusso luminoso bianco dinamico a 2700K.

## Alimentazione e temperatura

Le LED sono soggetti a variazioni di caratteristiche durante la durata di vita. L'alimentazione e la gestione della temperatura sono i fattori più influenti. L'aumento della temperatura del LED comporta la variazione del colore, la riduzione del flusso luminoso e la durata di vita. Per ridurre le possibili variazioni, i prodotti del presente catalogo vengono utilizzati con una minore potenza rispetto a quella raccomandata dal produttore. In combinazione con un'avanzata gestione termica si ottiene una temperatura operativa più bassa che minimizza la variazione di colore e la caduta del flusso.

## Variation del colore

Durante le prime 1000 ore di funzionamento i LED sono soggetti ad una variazione del colore pari a 2 step MacAdam. La potenza ridotta produce una variazione colore insignificante durante la durata di vita dei nostri LED, rimanendo nel valore di binning fornito. La variazione colore normalmente è contenuta all'interno dell'ellipse dei 3-step MacAdam.

## Riduzione del flusso luminoso

Le LED sono soggetti ad una perdita progressiva del flusso luminoso. Questa degradazione è espressa attraverso i seguenti valori: valore vita media (L), livello di affidabilità (B) e tempo di funzionamento in ore. La percentuale di flusso luminoso iniziale (L) esprime il decadimento del flusso al raggiungimento del numero di ore di funzionamento. La percentuale (B) indica quanti LED possono rimanere al di sotto di tale valore L. Quando il valore B è pari a B50 l'indicazione viene omessa. Per esempio, le indicazioni 40.000h L80/B50 indica che dopo un tempo di funzionamento pari a 40.000h il flusso luminoso decade all'80% ed un massimo del 50% dei LED non rispetta questo valore. Il tempo di funzionamento reale dipende da vari fattori, quali ad esempio.

Nel caso degli apparecchi con componente indiretta, qui elencati, come impostazione predefinita le due componenti diretta ed indiretta non sono controllabili separatamente (codice articolo - valore di Output: 1, non dimmerabile) o non accendibile e dimmerabile separatamente (codice articolo - valore di Output: 3, dim. DALI). Gli apparecchi contrassegnati con „DALI switchDIM” possono essere controllati sia tramite DALI e che utilizzando un interruttore switch-Dim. Se si desidera accendere o dimmerare le componenti separatamente, possiamo offrire diverse versioni speciali predefinite a seconda del tipo di controllo desiderato.

Se siete interessati, vi preghiamo di contattare il nostro servizio clienti.

# Allgemeine Geschäfts- und Lieferbedingungen

## I. Allgemeines

- (1) Die Firma planlicht GmbH & Co KG, im Folgenden kurz der Unternehmer, schließt Verträge mit seinen Kunden ausschließlich aufgrund dieser Allgemeinen Geschäfts- und Lieferbedingungen ab. Der Kunde verzichtet darauf, diese Allgemeinen Geschäfts- und Lieferbedingungen durch Zusendung eigener Bedingungen abzuändern. Sollte dennoch eine Zusendung solcher Bedingungen des Kunden erfolgen oder erfolgt sein, so verzichtet dieser auf allfällige daraus entspringende Rechtswirkungen. Einmal zwischen dem Unternehmer und einem Kunden in Kraft gesetzte Bedingungen des Unternehmers gelten auch für alle künftigen Verträge zwischen diesen. Die Aufhebung, Ergänzung oder Abänderung von Verträgen bedürfen zu ihrer Gültigkeit der Schriftform.
- (2) Ohne schriftliche Ermächtigung durch den Unternehmer ist es den Mitarbeitern untersagt, Zusagen zu tätigen, die diese Bedingungen aufheben, ergänzen oder abändern; sind derartige Zusagen nach dem Konsumentenschutzgesetz für den Unternehmer bindend, kann er jederzeit vom Vertrag zurücktreten.
- (3) Dem Kunden ist es nicht gestattet, seine Rechte und Pflichten aus dem Vertrag mit dem Unternehmer ohne dessen schriftliche Zustimmung an Dritte zu übertragen. Alle vom Unternehmer erstellten bzw. übergebenen kaufmännischen und technischen Unterlagen sind Verkaufshilfen und verbleiben in dessen Eigentum. Jede Verbreitung und Verwertung bedarf der schriftlichen Zustimmung des Unternehmers. Verkaufshilfen dürfen nur zur Präsentation und Vermarktung von Produkten des Unternehmers verwendet werden. Insbesondere dürfen solche Unterlagen nicht Dritten zugänglich gemacht werden. Es steht dem Unternehmer frei, solche Unterlagen und Verkaufsinformationen jederzeit ohne Angabe von Gründen zurückzufordern.

## II. Angebote

- (1) Dem Unternehmer zugehende Angebote des Kunden werden vom Unternehmer nur durch schriftliche Annahmeerklärung oder durch tatsächliche Erfüllung angenommen; der anbietende Kunde ist an sein Angebot für die Dauer von vier Wochen ab Einlangen beim Unternehmer gebunden.
- (2) Angebote des Unternehmers sowie auch der Inhalt von sonstigen Geschäftsunterlagen (Kostenvorschläge, Rundschreiben, Kataloge, Preislisten, Prospekte, Anzeigen, Abbildungen etc.) sind grundsätzlich freibleibend und unverbindlich und durch den Unternehmer abänderbar und widerrufbar. Die Kalkulationen des Angebotes gelten nur bei Bestellung der gesamten angebotenen Ware bzw. Menge.

## III. Lieferung und Lieferbedingungen

- (1) Sofern nicht ausdrücklich etwas anderes schriftlich vereinbart wurde, sind die Lieferfristen und Termine freibleibend und unverbindlich. Die Lieferfrist beginnt mit rechtswirksamen Abschluss des jeweiligen Vertrages, jedoch nicht vor vollständiger Klärung aller Einzelheiten betreffend die Planung und Ausführung und nicht vor Leistung einer vereinbarten Anzahlung. Im Falle einer nachträglichen Abänderung des jeweiligen Vertrages ist der Unternehmer auch bei verbindlicher schriftlicher Zusage berechtigt, Lieferfrist und Liefertermin einseitig neu zu bemessen.
- (2) Mangels anderslautender Vereinbarung gelten die Leistungen ab Werk (Lager) des Unternehmers und auf Rechnung sowie Gefahr des Kunden vereinbart; dies gilt auch für Teillieferungen. Wurde Abholung vereinbart, so geht die Gefahr bereits mit Bereitstellung der Ware zur Abholung über. Übernimmt der Kunde die Ware nicht vereinbarungsgemäß, so geht mit dem vereinbarten Termin die Gefahr auf den Kunden über und ist er verpflichtet, sämtliche Kosten für die Einlagerung, sei dies beim Unternehmer oder bei Dritten, zu tragen. Ist die Ware vom Unternehmer infolge gesonderter Vereinbarung an einen bestimmten Ort zu liefern, so gilt die Lieferung dorthin, ohne weitere Vereinbarung, nicht als frachtfrei. Der Unternehmer ist in der Wahl des Transportmittels frei. Mit Übergabe an den Spediteur oder Frachtführer geht die Gefahr, unabhängig von einer späteren Annahme durch den Kunden, auf diesen über. Die Lieferung und die Erfüllung der Lieferfrist erfolgt in unseren Kernmärkten Österreich, Südtirol, Schweiz, Deutschland, Frankreich, Finnland frachtfrei benannter Bestimmungsort (CPT) gemäß der am Tage des Vertragsabschlusses gültigen Fassung der internationalen Handelskammer in Paris INCOTERMS. Sofern nicht ausdrücklich etwas anderes schriftlich vereinbart wird, erfolgt die Lieferung innerhalb Österreichs ab einem Bestellwert von netto EUR 350,- nach Deutschland und in die Schweiz, Südtirol ab netto EUR 750,- nach Frankreich ab netto EUR 500,- und nach Finnland ab netto EUR 1000,- frei Haus. Bei Sendungen unter dem vorgenannten Betrag gehen die Frachtkosten zu Lasten des Kunden. Der Unternehmer behält sich das Recht vor, Lieferungen per Nachnahme abzuwickeln. Darüber hinaus ist der Unternehmer zur Abdeckung allfälliger Ansprüche aus verdeckten Mängeln, die durch den Transport verursacht werden, berechtigt dem Kunden einen Zuschlag in Höhe von 1 % vom Netto-Warenwert in Rechnung zu stellen.
- (3) Wird die Ausführung eines Vertrages durch höhere Gewalt (z. B. Streiks, größere Betriebsstörungen sowie alle Umstände, welche die Lieferung erheblich erschweren oder unmöglich machen) behindert und ist dies für den Unternehmer nicht oder nur in wirtschaftlich unzumutbarer Weise beseitigbar, so wird der Unternehmer von seinen vertraglichen Verpflichtungen frei, ohne dass dem Kunden ein Schadenersatzanspruch zusteht. Der Unternehmer ist berechtigt, nach Wegfall der Behinderung die Lieferung auszuführen oder Leistung auszuwirken oder vom Vertrag hinsichtlich des noch nicht erfüllten Teiles zurückzutreten. Der Kunde kann in diesem Fall den Unternehmer mittels eingeschriebenen Briefes auffordern, zu erklären, ob er vom Vertrag zurücktritt oder innerhalb angemessener Frist liefern will. Erklärt sich der Unternehmer nicht binnen 14 Tagen nach Erhalt der schriftlichen Aufforderung, kann der Kunde unter Verzicht auf allfällige Schadenersatzansprüche vom Vertrag zurücktreten.
- (4) Ist der Kunde zum Liefertermin abwesend oder mit den für die Durchführung der (Teil-)Lieferung notwendigen Vorkehrungen säumig, gilt die Leistung bzw. die Lieferung als übernommen. Gefahr und Kosten gehen, sofern nicht ohnehin bereits früher erfolgt, auf den Kunden über. Nimmt der Kunde die vertragsgemäße Ware bzw. Leistung nicht am richtigen Ort oder zum richtigen Zeit an, kann der Unternehmer jedenfalls entweder Erfüllung verlangen oder unter Setzung einer angemessenen Nachfrist vom Vertrag zurücktreten; diesfalls haftet der Kunde für den ganzen hierdurch entstehenden Schaden.
- (5) Hat der Unternehmer den Verzug verschuldet, kann der Kunde nach Setzung einer angemessenen, mindestens 14tägigen Nachfrist entweder Erfüllung verlangen oder den Rücktritt vom Vertrag erklären. Die Rücktrittserklärung muss vom Kunden bereits bei der Nachfristsetzung schriftlich, unbeding und bestimmt abgegeben werden. Der Rücktritt vom Vertrag wird nur dann wirksam, wenn der Unternehmer auch die Nachfrist schuldhaft versäumt. Weiter gehende Ansprüche, insbesondere aus dem Titel des Schadenersatzes, werden, soweit gesetzlich zulässig, ausdrücklich ausgeschlossen.
- (6) Der Unternehmer ist berechtigt, ohne für sich Verzugsfolgen auszulösen, die Einhaltung von Lieferfristen und Terminen vom Eingang vereinbarter Anzahlungen, von der zeitgerechten Zahlung offener Forderungen, von der Aufklärung sich nachträglich ergebender offener Fragen, von der Erfüllung sämtlicher technischer und räumlicher Voraussetzungen sowie von der Erfüllung aller übrigen Vertragspflichten abhängig zu machen.
- (7) Mangels anders lautender ausdrücklich schriftlicher Vereinbarung ist der Unternehmer berechtigt, Teil- und Vorlieferungen durchzuführen und für diese entsprechende Teilrechnungen zu legen.
- (8) Offensichtliche Transportschäden oder -mängel sind vom Kunden dem Spediteur und dem Unternehmer unmittelbar bei Empfang der Lieferung anzuzeigen und von diesen bestätigen zu lassen. Transportschäden oder -mängel, die in verpacktem Zustand nicht erkennbar waren, sind dem Spediteur und dem Unternehmer innerhalb von drei Tagen nach Empfang der Ware anzuzeigen. Andernfalls ist eine Abwicklung von Transportschäden- oder -mängeln über den Unternehmer ausgeschlossen.

## IV. Rücknahmen

Rücknahmen bedürfen, vorbehaltlich einer ausdrücklichen schriftlichen Zustimmung des Unternehmers, einer ausdrücklichen vorhergehenden schriftlichen Anmeldung und können nur innerhalb von vier Wochen ab dem Tag der Lieferung bzw. Leistung erfolgen. Im Falle der Zustimmung des Unternehmers wird nur einwandfreie, technisch aktuelle und original verpackte Ware zurück genommen. Je nach internem Aufwand werden dem Kunden mind. 20 % des Warenwertes (mindestens EUR 10,-) an Manipulationskosten verrechnet. Anfallende Transportkosten für Rücknahmen jeder Art gehen jedenfalls zur Gänze zu Lasten des Kunden.

## V. Musterlieferungen

Nach Vereinbarung besteht die Möglichkeit Muster vier Wochen lang zur Verfügung gestellt zu bekommen. Bei Musterlieferungen verlängert sich das Zahlungsziel um die genannte Behaltezeit. Das Porto ist für die Hin- und Rücklieferung vom Kunden zu tragen. Musterlieferungen werden vom Unternehmer nur zurückgenommen und gutgeschrieben, wenn sie in Umfang und Güte der Originallieferung entsprechen, keine mechanische Montage durchgeführt wurde und die Ware keine Beschädigungen aufweist. Leuchtmittel aller Art sind von der Rücknahme ausgeschlossen.

## VI. Zahlungsbedingungen

- (1) Preise (Entgelte) für Verkäufe von Waren des Unternehmers gelten, sofern nicht ausdrücklich etwas anderes schriftlich vereinbart wurde, ab Werk (Lager) in Euro netto zuzüglich der jeweils geltenden gesetzlichen Umsatzsteuer, einschließlich Verpackung jedoch ohne Fracht, Versicherung, Zölle, Gebühren oder sonstige Nebenkosten. Preiserhöhungen wegen der Steigerung der Gestehungskosten (insbesondere Materialpreise, Löhne, Generalunkosten etc.) zwischen dem Vertragsabschluss und der Erfüllung werden dem Kunden in Rechnung gestellt und sind von diesem zu tragen. Aufträge ohne Preisbestimmung werden zu den am Tag der Rechnungslegung geltenden üblichen Preisen des Unternehmers berechnet. Technische Änderungen oder Abweichungen von Vorgaben aller Art sind vom Kunden zum allgemein üblichen Preis zu akzeptieren, sofern sie dem vom Kunden angestrebten Verwendungszweck nicht zuwiderlaufen.
- (2) Das Entgelt einschließlich aller Nebengebühren (Umsatzsteuer etc.) ist, wenn nichts anderes schriftlich vereinbart wurde, binnen 14 Tagen ab Rechnungsdatum ohne Abzug und Skonto fällig.
- (3) Die Rechnungslegung erfolgt generell und ausschließlich auf elektronischem Weg.
- (4) Der Unternehmer ist nicht verpflichtet, Schecks anzunehmen. Zahlungen mittels Scheck erfolgen nur zahlungshalber. Sämtliche Spesen und Bankprovisionen in Verbindung mit Überweisungen, gleich welcher Art, gehen zu Lasten des Kunden. Bei Banküberweisung und Scheck gilt der Tag der Kontogutschrift bzw. Einlösung als Tag des Zahlungseinganges. Im Falle des Zahlungsverzuges werden die gesetzlichen Verzugszinsen zuzüglich Mahnspesen vereinbart. Zudem erlöschen bei gerichtlicher Einforderung des geschuldeten Betrages die Rabattierungen sowie sonstige Preisnachlässe und es gelten die Bruttolistenpreise als geschuldet.
- (5) Bei Verzug mit auch nur einer einzigen (Teil-)Zahlung tritt Terminverlust ein und sind alle Rechnungen und Forderungen sofort fällig, ohne dass es einer ausdrücklichen Fälligkeit durch den Unternehmer bedarf. Gleiches gilt für den Fall einer wesentlichen Verschlechterung der Vermögensverhältnisse des Kunden. Der Unternehmer ist auch in diesem Fall berechtigt, unter Setzung einer angemessenen Nachfrist vom Vertrag zurückzutreten und die an den Kunden gelieferten Waren zurückzunehmen, Ausfolgung zu verlangen oder ausstehende Lieferung/Leistung, auch anderweitige Aufträge betreffend, zurückzuhalten.
- (6) Nach Wirksamwerden eines Rücktritts vom Vertrag hat der Kunde die bereits ausgelieferte Ware sofort ohne weitere Aufforderung auf seine Kosten dem Unternehmer zurückzustellen, Ersatz für allfällige Wertminderung zu leisten und alle Aufwendungen zu ersetzen, die dem Unternehmer im Zuge der Durchführung des Vertrages und seiner Rückabwicklung erwachsen.
- (7) Sofern dem nicht zwingende gesetzliche Bestimmungen entgegenstehen, darf der Kunde mit seinen Forderungen nicht gegen Forderungen des Unternehmers aufrechnen. Eingehende Zahlungen können vom Unternehmer, unabhängig von der Widmung durch den Kunden, jeweils auf die älteste Lieferung/Leistung angerechnet werden.
- (8) Sofern dem nicht zwingende gesetzliche Bestimmungen entgegenstehen, steht dem Kunden ein Zurückbehaltungs- oder Pfandrecht an den Waren des Unternehmers nicht zu.
- (9) Für den Fall, dass Ware in ein Drittland zu liefern ist, so behält sich der Unternehmer ausdrücklich die nachträgliche Verrechnung der gesetzlich gültigen Mehrwertsteuer vor, wenn der Kunde seiner Verpflichtung zur ordnungsgemäßen Ausfuhrdokumentation nicht nachkommt.

# Allgemeine Geschäfts- und Lieferbedingungen

## VII. Eigentumsvorbehalt

- (1) Bis zur vollständigen vorbehaltlosen Zahlung sämtlicher Ansprüche des Unternehmers aus einem Vertrag einschließlich Zinsen, Kosten und Spesen sowie bis zur vollständigen Erfüllung aller sonstigen gegenwärtigen und zukünftigen finanziellen Verpflichtungen des Kunden in Verbindung mit der jeweiligen Lieferung/Leistung sowie aufgrund aller sonstigen Lieferungen und Leistungen bleibt die gelieferte Ware im uneingeschränkten Eigentum des Unternehmers. Auch das Eigentum an Waren aus künftigen Lieferungen geht erst dann über, wenn die Forderungen aus den früheren Lieferungen restlos beglichen sind. Der Kunde hat auf seine Kosten und von sich aus sämtliche Schritte zu tätigen und Erklärungen abzugeben, die je nach Lage der Sache zur Begründung oder Erhaltung des Eigentumsvorbehaltes notwendig sind.
- (2) Eine Veräußerung oder Verpfändung der Vorbehaltsware vor vollständiger Erfüllung aller finanziellen Verpflichtungen ist nur mit ausdrücklicher schriftlicher Zustimmung des Unternehmers zulässig. Unabhängig davon bietet der Kunde bereits hiermit unwiderruflich an, für den Fall der Weiterveräußerung dieser Waren alle daraus entstehenden Forderungen an den Unternehmer zu dessen Befriedigung zahlungshalber abzutreten. Der Unternehmer kann dieses Abtretungsangebot jederzeit ohne zeitliche Begrenzung annehmen. Sämtliche damit zusammenhängenden Gebühren und Kosten sind zur Gänze vom Kunden zu tragen.
- (3) Bis zur vollständigen Erfüllung aller finanziellen Verpflichtungen ist der Kunde weiters nicht berechtigt, gelieferte Ware zu be- bzw. verarbeiten oder mit anderen Sachen zu verbinden, widrigenfalls dem Unternehmer das Alleineigentum an den aus der Bearbeitung, Verarbeitung und Verbindung hervorgegangenen Sachen zusteht.
- (4) Im Falle einer Pfändung oder sonstigen Inanspruchnahme der gelieferten Ware ist der Kunde verpflichtet, den Unternehmer unverzüglich zu verständigen und auf seine Kosten alle Maßnahmen zur Wahrung des Eigentumsrechtes des Unternehmers zu setzen. Wird die Vorbehaltsware vom Unternehmer ausgedient, so kann der Unternehmer eine Einlagerung auf Kosten und Gefahr des Kunden vornehmen. Dieser hat dem Unternehmer alle Aufwendungen im Zusammenhang mit der Geltendmachung des Eigentums zu erstatten.
- (5) Für den Fall der Nichtzahlung einer fälligen Forderung des Unternehmers, der Zahlungseinstellung, der Insolvenzöffnung oder der Exekution auf eine unter Eigentumsvorbehalt stehende Ware hat der Kunde sämtliche unter Eigentumsvorbehalt stehende Ware an den Unternehmer zurückzustellen.

## VIII. Schadenersatzansprüche

- (1) Die Haftung des Unternehmers für Schäden des Kunden ist für leichte Fahrlässigkeit ausgeschlossen. Soweit gesetzlich zulässig haftet der Unternehmer dem Kunden nicht für entgangenen Gewinn, Beeinträchtigung oder Verlust von Good Will, Beeinträchtigung oder Verlust von Geschäftsgelegenheiten, Folgeschäden jeder Art, sonstige wirtschaftliche Verluste, reinen Vermögensschäden, Zinsverluste, Schäden aus Ansprüchen Dritter gegenüber dem Kunden und/oder anderen Schäden, die aus oder im Zusammenhang mit einzelnen Lieferverträgen oder mit diesen Allgemeinen Bedingungen entstehen. Sofern im Einzelfall ein weitergehender Haftungsausschluss zulässig ist, gilt dieser als vereinbart.
- (2) Im Falle grober Fahrlässigkeit ist die Haftung des Unternehmers für Schäden auf das zehnfache des Nettofabrikatenbetrages der gelieferten, den Schaden verursachenden Ware beschränkt.
- (3) Bei Nichteinhaltung allfälliger Bedingungen des Unternehmers für Montage, Inbetriebnahme und Benutzung ist jeder Schadenersatz ausgeschlossen.
- (4) Sofern nicht zwingende gesetzliche Bestimmungen dem entgegenstehen, ist eine Haftung für Schäden nach dem Produkthaftungsgesetz und anderen vergleichbaren Normen, unabhängig, welcher Rechtsordnung sie entspringen, ausgeschlossen. Der Kunde verpflichtet sich, diesen Haftungsausschluss zu Gunsten des Unternehmers auf allfällige Abnehmer zu überbinden. Der Kunde ist verpflichtet, seine Mitarbeiter laufend und nachweislich über alle Informationen und Anweisungen, die der Unternehmer mit seinen Produkten mitliefert, wie auch über gesetzliche Vorschriften in Kenntnis zu setzen.

## IX. Reklamationen und Gewährleistung

- (1) Sofern im Einzelfall nicht gesonderte schriftliche Vereinbarungen getroffen wurden oder zwingende gesetzliche Bestimmungen – insbesondere in der Rechtsbeziehung gegenüber Verbrauchern im Sinne des Konsumentenschutzgesetzes vom 8. März 1979 in der jeweils geltenden Fassung, zur Anwendung kommen, ist der Unternehmer gemäß der nachstehenden Bestimmungen der Absätze (2) bis (8) zur Gewährleistung verpflichtet. Im Falle der Anwendbarkeit gesetzlich zwingender Bestimmungen gelten diese; im Falle einer sonstigen Nichtigkeit gilt Punkt XIII. Absatz (4) der Allgemeinen Geschäfts- und Lieferbedingungen.
- (2) Die Gewährleistungsfrist beträgt ab Gefahrenübergang sechs Monate; die Gewährleistungsfrist für Ersatzstücke und Verbesserungen beträgt drei Monate. Gewährleistungsansprüche verjähren spätestens binnen sechs Monaten ab fristgerechter Rüge. Für Konsumenten gelten die gesetzlichen Bestimmungen zur Gewährleistungsfrist.
- (3) Sowohl sichtbare Mängel, fehlende Teile als auch verdeckte Mängel sind bei sonstigem Ausschluss der Gewährleistung unverzüglich nach Übergabe schriftlich und mittels sofortiger Einstellung der Eigenund/oder Fremdbearbeitung durch Dritte zu rügen; beim Kunden anfallende Aufwendungen, gleich welcher Art, im Zusammenhang mit Reklamationen gehen jedenfalls dann ausschließlich zu Lasten des Kunden, wenn über deren Höhe und Ersatz mit dem Unternehmer vor dem Entstehen derselben nicht ausdrücklich eine schriftliche Vereinbarung getroffen wurde. Mangels fristgerechter Rüge gilt die Ware als vorbehaltlos, ordnungsgemäß und mangelfrei übernommen.
- (4) Im Falle einer fristgerechten Rüge ist der Unternehmer nach seiner Wahl nur zur Verbesserung oder zum Austausch der Ware verpflichtet; hierzu steht dem Unternehmer eine angemessene Frist, mindestens jedoch eine solche von einem Monat, zur Verfügung. Bedeutet die Verbesserung oder der Austausch für den Unternehmer einen unverhältnismäßigen Aufwand, so kann er seiner Gewährleistungspflicht auch durch Gewähren einer angemessenen Preisermäßigung nachkommen; ist der Mangel nicht geringfügig, kann der Unternehmer Aufhebung des Vertrages (Wandlung) verlangen. In den Fällen der Preisermäßigung und Wandlung erfüllt der Unternehmer seine Verpflichtungen, sofern er in Höhe des dadurch bedingten Anspruches des Kunden eine entsprechende Gutschrift zu dessen Gunsten ausstellt. Ist der Kunde aus von ihm zu vertretenden Gründen bei einem zur Verbesserung vereinbarten Termin nicht anwesend oder erschwert er die Verbesserung oder den Austausch bzw. macht dies unmöglich, gilt dies als Verzicht auf die Gewährleistungsansprüche.
- (5) Die durch die vorstehenden Maßnahmen auflaufenden Kosten sind mit Ausnahme der Versandkosten für Ersatzteile bzw. Ersatzware vom Kunden zu tragen (Aufzahlung).
- (6) Der Unternehmer ist zur Mängelbeseitigung solange nicht verpflichtet, als der Kunde seinen Zahlungsverpflichtungen einschließlich einer allfälligen Aufzahlung nicht nachkommt.
- (7) Für den Fall eines Verschuldens haftet der Unternehmer für Schadenersatz nur bei Vorliegen von grober Fahrlässigkeit oder Vorsatz, nicht jedoch bei Vorliegen leichter Fahrlässigkeit. Im Falle des Schadenersatzes gelten die vorstehenden Regeln gemäß Absatz (4) entsprechend.
- (8) Die Gewährleistung des Unternehmers ist ausgeschlossen, wenn die Ware unüblich gebraucht wurde, der Mangel durch den Kunden bzw. Dritte verursacht wurde oder vom Kunden bzw. Dritten Manipulationen oder Reparaturen an der Ware vorgenommen wurden. Die Gewährleistung ist ausgeschlossen für Verbrauchs- und Verschleißteile.
- (9) Die Gewährleistung erlischt automatisch, wenn die Installation nicht durch ein konzessioniertes Elektrounternehmen vorgenommen wird.

## X. Schriftstücke

Schriftstücke (z.B. Fakturen, Ablehnung des Auftrages, etc.), die dem Kunden an die zuletzt bekannt gegebene Anschrift oder Adresse übermittelt werden, gelten diesem in jedem Fall als zugegangen, es sei denn, der Kunde hat dem Unternehmer eine Änderung seiner Anschrift rechtzeitig schriftlich bekannt gegeben. Sollte es dennoch zu einer Änderung eines Schriftstückes (Rechnung) kommen, wird vom Unternehmer eine Pauschalgebühr von netto EUR 25,- verrechnet!

## XI. Datenschutz

- (1) Der Kunde anerkennt, dass die im Vertrag angeführten Daten über den Kunden für Zwecke der Buchhaltung, Bonitätsprüfung und der Kundenevidenz von der Verkäuferin gespeichert, genutzt und verarbeitet werden. Die Daten werden zur Erfüllung von gesetzlichen Vorschriften, zur Abwicklung des Zahlungsverkehrs und zu Werbezwecken von der Verkäuferin verwendet.
- (2) Der Kunde hat ein Recht auf unentgeltliche Auskunft über seine von der Verkäuferin gespeicherten personenbezogenen Daten sowie gegebenenfalls ein Recht auf Berichtigung, Löschung und Sperrung derselben.

## XII. Rechtswahl, Gerichtsstand und salvatorische Klausel

- (1) Als Erfüllungsort für alle beidseitigen Lieferungen/Leistungen und Zahlungen gilt ausschließlich 6134 Vomp als vereinbart.
- (2) Für alle zwischen dem Unternehmer und dem Kunden abgeschlossenen Verträgen und für alle sich aus dem Bestehen oder Nichtbestehen dieser Verträge ergebenden Ansprüche wird die Anwendung österreichischen Rechtes vereinbart, mit Ausnahme der Bestimmungen des österreichischen internationalen Privatrechtes und der Bestimmungen des UN-Kaufrechtes.
- (3) Als ausschließlicher Gerichtsstand für alle Rechtsstreitigkeiten aus dem Vertragsverhältnis wird das für 6134 Vomp jeweils sachlich zuständige Gericht vereinbart; es steht dem Unternehmer jedoch frei, den Kunden auch an einem anderen in- oder ausländischen gesetzlichen Gerichtsstand zu belangen.
- (4) Sofern einzelne Bestimmungen dieser Allgemeinen Geschäfts- und Lieferbedingungen nichtig sind, verpflichten sich die Vertragsparteien hiermit ausdrücklich, rechtswirksame Bestimmungen, welche dem wirtschaftlichen Zweck der ungültigen Bestimmungen möglichst nahe kommen, zu vereinbaren. Die Wirksamkeit sämtlicher übrigen Bestimmungen wird durch die unwirksamen Bestimmungen nicht berührt.

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# Terms and Conditions

## I. General

(1) All contracts concluded by the Company with its Customers are concluded solely in accordance with these Terms and Conditions of Business and Delivery. The Customer agrees that he will not modify these Terms and Conditions of Business and Delivery by sending his own Terms and Conditions. If such Terms and Conditions of the Customer are sent or have been sent the Customer accepts the inapplicability of any legal consequences arising therefrom. Terms and Conditions of the Company entered into by the Company and a Customer shall apply additionally to all future contracts concluded between these two parties. Cancellation of, additions to and modification of a contract shall be valid only if made in writing.

(2) Employees of the Company are not permitted to agree to any terms that result in the cancellation of, addition to or modification of these Terms and Conditions unless they have received written authorisation to do so from the Company. If employees agree to such cancellation, addition or modification and if these are binding for the Company under the terms of the Consumer Protection Act the Company is entitled to withdraw from the contract at any time.

(3) The Customer is not permitted to transfer his rights and obligations arising from a contract concluded with the Company to a third party unless written permission to do so has been given by the Company. All commercial and technical documents compiled and/or supplied by the Company are intended as sales support material only and remain property of the Company. Any distribution or exploitation of such documents requires the Company's written permission. Use of sales support documents is restricted to the presentation and marketing of the Company's products only. In particular, such documents must not be made available to third parties. The Company reserves the right to demand the return of such documents and sales information at any time and without giving any reasons.

## II. Quotes

(1) Any quotes that the Company receives from the Customer shall be accepted by the Company by written notice of acceptance or by actual fulfilment only; the Customer submitting the quote is bound by the terms of his quote for four weeks after his quote has been received by the Company.

(2) All quotes submitted by the Company as well as the contents of other business documentation (estimates, circulars, catalogues, price lists, brochures, advertisements, illustrations etc.) are without obligation and not binding and can be modified or revoked by the Company. The calculations in the quote apply only if the entire quantity of the merchandise quoted for is ordered.

## III. General Terms of Shipping and Delivery

(1) Unless expressly agreed otherwise in writing, all delivery periods and dates are without obligation and not binding. The delivery period begins when the contract governing the delivery has been concluded and becomes legally effective but not until all the details concerning planning and execution have been clarified in their entirety and not until payment of any deposit agreed upon has been effected. If the contract is subsequently modified the Company shall be entitled to revise the delivery period or delivery date unilaterally even if the Company has already agreed in writing to a binding delivery period or delivery date.

(2) As long as no other agreement has been made, the services ex works (warehouse) of The Company and agreed at the expense and risk of the customer; the following also applies to partial deliveries. If pickup has been agreed upon, the risk shall be transferred to the pickup site upon delivery of the goods. If the customer does not accept the goods as agreed, the risk is transferred to the customer with the agreed date and he is obliged to bear all costs for the storage, be it with The Company or with third parties. If the goods are to be delivered by The Company to a specific place as a result of a separate agreement, the delivery shall not be deemed to be freight-free, without further agreement. The Company is free to choose the means of transport. By transfer to the freight forwarder or freight carrier, the risk passes to the customer regardless of a later acceptance by the customer. Delivery and the fulfillment of the contracted delivery date takes place in our core markets of Austria, South Tyrol, Switzerland, Germany, France and Finland, free of charge, named destination (CPT) according to the valid version of the International Chamber of Commerce in Paris on the day of the conclusion of the contract INCOTERMS. Unless expressly agreed to otherwise in writing, free delivery takes place within Austria from an order value of EUR 350 net and up, – to Germany, Switzerland and South Tyrol EUR 750 net and up, – to France from EUR 500 net and up, – to Finland from EUR 1000 net and up. Shipping and handling costs shall be borne by the customer on all orders whose total is under the aforementioned prices. The Company reserves the right to ship the freight as cash on delivery (C.O.D.). In addition, The Company is entitled to charge the customer a surcharge of 1% of the net value of the goods for any claims arising from concealed defects caused by the transport.

(3) If the Company undertakes to deliver the merchandise to a specific location under the terms of a separate agreement the delivery to that location shall not be carriage paid, unless expressly agreed. The choice of the means of transport is at the discretion of the Company. Risk passes to the forwarding contractor or carrier as soon as the merchandise is transferred to him, irrespective of whether the merchandise will subsequently be accepted by the Customer.

(4) If performance of the contract is hindered by force majeure (e.g. strikes, major malfunctions and any circumstances that seriously hamper delivery or make it impossible) and if this hindrance cannot be removed by the Company or can be removed only in a way that would incur unreasonable costs, the Company is released from its contractual obligations without the Customer being entitled to claim compensation. The Company is entitled to effect delivery or perform the service once the hindrance has been eliminated or to withdraw from that part of the contract governing the goods not yet delivered or services not yet performed. In this case the Customer can ask the Company by means of a registered letter to declare whether it withdraws from the contract or intends to fulfil the contract within a reasonable period. If the Company does not declare its intention within 14 days of receipt of the written request the Customer is entitled to withdraw from the contract and agrees to waive any claims to compensation.

(5) If the Customer is absent at the time of delivery or has failed to make the preparations necessary for (partial) delivery, the service or delivery shall be deemed to have been accepted notwithstanding. The risk and expense pass to the Customer at this time of delivery, unless they have already passed to him at an earlier date. If the Customer does not accept the merchandise governed by the terms of the contract at the agreed place or at the agreed time the Company can in every case demand acceptance or can withdraw from the contract after having granted an appropriate period of grace; in this case the Customer is liable for all losses thereby incurred.

(6) If the delay is the fault of the Company the Customer can either demand performance or declare his withdrawal from the contract having granted a period of grace of at least 14 days. The declaration of withdrawal must be submitted by the Customer in writing, without fail and definitively with the granting of the period of grace. The withdrawal from the contract takes effect only if the Company fails to fulfil the terms of the contract within the period of grace and by its own fault. Any additional claims, especially claims for compensation, are expressly excluded where such exclusion is permissible by law.

(7) The Company is entitled to make its compliance with delivery periods and delivery dates subject to the receipt of agreed deposits, punctual settlement of outstanding payments, the clarification of any queries arising subsequently, the fulfilment of all technical and space requirements and the fulfilment of all the other contractual obligations without incurring any penalty against the Company due to delay.

(8) Obvious transport damage or defects must be reported by the customer to the freight carrier and The Company immediately upon receipt of the delivery and have it confirmed by them. Transport damage or defects that were not visible in packaged condition shall be reported to the freight carrier and The Company within 3 days of receipt of the goods. Failure to do so will result in the refusal of The Company to process a claim of transport damage or defects.

## IV. Returned goods

With the exception of an express written agreement of The Company, an express prior written request may be given and can only be made within 4 weeks from the date of delivery or service. In the event of The Company's consent, only faultless, technically current and original packaged goods will be taken back. Depending on the internal costs, the customer is charged at least 20% of the value of the goods (at least EUR 10,-) for handling (testing & inspection, restock) costs. Any and all shipping and handling costs incurred by a return of any kind shall all be borne by the customer.

## V. Sample Shipping

By agreement the shipped samples are available for 4 weeks. In the case of sample deliveries, the payment due date is extended by the retention period. Shipping and handling is to be borne by the customer for both the initial and return shipping. Sample deliveries are only accepted and credited by The Company if they correspond to the scope and quality of the original delivery, no mechanical assembly has been carried out and the goods have not been damaged. Illuminants (LEDs, light bulbs, fluorescent tubes, etc.) of all kinds are excluded from the return.

## VI. Conditions of payment

(1) Unless expressly agreed otherwise in writing, prices (payment) of the sale of merchandise of the Company are ex works (warehouse) in euros net plus the legally applicable VAT, including packaging but excluding freight, insurance, customs and excise, fees and other auxiliary costs. Price increases occurring between conclusion of the contract and performance thereof due to an increase in production costs (especially material costs, wages, general costs etc.) shall be charged to the Customer and be borne by him. Orders placed without specification of prices shall be invoiced at the Company's usual prices applicable on the day the invoice is presented. The Customer shall accept any technical modifications and deviations from specifications at the usual price as long as these modifications and deviations are not incompatible with the purpose to which the Customer intends to put the merchandise.

(2) Unless otherwise agreed in writing, the payment of all invoices and extra charges (VAT, etc.) is due within 14 days from the date of invoice, without any deduction and discount.

(3) Invoices are generally and exclusively sent by electronic means.

(4) The Company is not obliged to accept bills of cheques. Payments made by bill of cheque shall be deemed to be conditional payments only. Any fees and bank commission incurred in connection with cash transfers shall be borne by the Customer. If payment is made by bank transfer or bill of cheque the day that the amount is credited to the Company's account or the day the bill of cheque is cashed shall be deemed the day of receipt of payment. In the event of default, interest on arrears at 3% above the relevant rate issued by the Austrian National Bank shall be agreed. Any higher loss of interest or loss on exchange shall be reimbursed by the Customer. Furthermore all abatements and discounts terminate in case of legal claim of amounts owed and the gross list prices are regarded as owed.

(5) If payment even of one single instalment or payment is overdue the Customer shall be deemed to be in default and all invoices and outstanding payments shall fall due immediately without the Company being obliged to issue express notification that immediate payment is required. This shall also apply in the event of a substantial deterioration of the Customer's liquidity. Also in this case the Company is entitled to withdraw from the contract after having granted an appropriate period of grace and to recover merchandise already supplied to the Customer, to demand the return of the goods or to suspend performance of outstanding deliveries or services also where these are the subject of separate orders.

(6) When withdrawal from the contract becomes effective the Customer is obliged to return the goods supplied to the Company promptly, without being expressly asked to do so and at his own expense. Further, the Customer shall provide compensation for any decrease in value and restitution for all expenses incurred to the Company in the course of performance and subsequent remedying of the contract.

(7) Unless mandatory legal requirements to the contrary subsist the Customer is not permitted to set off his claims against claims of the Company. Payments received by the Company can be used by the Company to cover the oldest outstanding delivery/service irrespective of what the Customer intends the payment to cover.

(8) Unless mandatory legal requirements to the contrary subsist the Customer has no right of retention or lien on goods of the Company.

(9) In the event that goods are to be delivered to a third country, The Company expressly reserves the right to withhold the legally valid VAT if the customer fails to comply with his obligation to properly export the goods.

# Terms and Conditions

## **VII. Retention of title**

- (1) The goods supplied remain exclusive property of the Company until all the Company's claims arising from a contract including interest, costs and fees have been settled in their entirety and unconditionally and until all other current and future financial obligations on the part of the Customer in connection with the relevant delivery/service and arising from any other deliveries or services provided by the Company have been fulfilled in their entirety. Further, ownership of goods supplied in future shall not pass to the Customer until all payments arising from earlier deliveries have been settled in full. The Customer shall, at his expense and on his initiative, take all the steps and make all the declarations rendered necessary by the prevailing situation to justify or assert the retention of title.
- (2) The sale or pledging of the retention of title goods before all financial obligations have been fulfilled in their entirety requires the express written authorisation of the Company. Apart from this the Customer hereby irrevocably offers to assign any claims arising from a possible resale of these goods to the Company to its satisfaction as conditional payment. The Company can accept this offer to assign at any time and for an indefinite period. Any fees and costs incurred in connection with this assignment shall be borne in their entirety by the Customer.
- (3) Further, until all financial obligations have been fulfilled in their entirety the Customer is not entitled to modify or process the goods supplied or to incorporate them with other products. If this is done the Company shall be entitled to sole ownership of the product resulting from the modification, processing or incorporation.
- (4) If the goods supplied are impounded or if any other claims are made on them the Customer is obliged to notify the Company without delay and to take all necessary measures at his expense to assert the Company's right to ownership. If the retention of title goods are withdrawn by the Company, the Company can require them to be placed in storage at the expense and risk of the Customer. The Customer shall reimburse the Company for all costs arising from the assertion of the Company's right to ownership.
- (5) In the event of non-payment of an amount due to the Company, or if payments are stopped or if insolvency proceedings are begun or retention of title goods are impounded the Customer shall return all retention of title goods to the Company.

## **VIII. Claims for compensation**

- (1) Unless separate written agreements have been entered into in a particular case or unless mandatory legal requirements – especially pertaining to the legal relationship towards consumers under the terms of the Konsumentenschutzgesetz (consumer protection law) of the Republic of Austria of 8th March 1979 valid at the time – are applied the Company is obliged to provide warranty in accordance with the provisions of the Paragraphs (2) to (8) below. If mandatory legal requirements are applicable, these shall apply; if any other of the provisions is inapplicable, Item XIII. Paragraph (4) of the General Terms and Conditions of Business and Delivery shall apply.
- (2) The warranty period is six months from the date of the passing of the risk; the warranty period for replacement parts and improvements is three months. Warranty claims lapse within six months of the date of the complaint which must have been submitted within the stipulated time.
- (3) Notice of visible defects or missing components shall be given promptly after the moment of delivery. If such notice is not given promptly, the warranty shall not apply. Notice of hidden defects shall reach the premises of the Company by registered letter within 8 days of their detection. Any modification or processing of the merchandise being carried out either by the Customer or by a third party shall cease as soon as the defect is detected. Costs of any kind incurred to the Customer in connection with claims shall be borne exclusively by the Customer if no express written agreement regarding the sum and reimbursement of such costs was entered into with the Company before these costs were incurred. If notice of a defect is not given within the stipulated time the merchandise shall be deemed to have been accepted unconditionally, in accordance with the terms of the contract and free of defects.
- (4) If notice of a defect is given within the stipulated time the Company's liability is limited to rectification or replacement of the merchandise at its option. The Company shall be granted sufficient time, which shall be at least one month, to effect such rectification or replacement. If the rectification or replacement incurs unreasonable costs to the Company, the Company may satisfy a warranty claim by granting an appropriate price reduction. If the defect is not minor the Company can demand the cancellation (rescission) of the contract. In the event of price reductions and rescission the Company satisfies its obligations if it grants the Customer credit of a sum corresponding to the amount claimed by the Customer as a result of the defect. If the Customer is not present at the time and place agreed for rectification of the merchandise due to circumstances within the Customer's control or if the Customer hampers rectification or replacement or makes rectification or replacement impossible, the Customer shall be deemed to have waived his warranty claims.
- (5) The costs incurred as a result of the above-mentioned measures shall, with the exception of shipping and handling of replacement parts and/or replacement products, be borne by the Customer (additional charge).
- (6) The Company shall not be obliged to rectify the defect as long as the Customer has not settled all payments including a possible additional charge.
- (7) If the Company is at fault, it shall be liable to provide compensation only in the case of gross negligence or intent but not in the case of slight negligence. In the event that compensation is provided, the above mentioned provisions shall apply in accordance with Paragraph (4).
- (8) The Company shall not provide warranty if the merchandise is used in a way that is not common practice, if the defect is caused by the Customer or a third party or if the Customer or a third party has manipulated or repaired the merchandise himself. The warranty does not apply to consumables or to wear and tear parts.
- (9) If installations are carried out by a non licensed electrical installation company warranty shall be void.

## **IX. Claims and warranty**

- (1) Unless separate written agreements have been entered into in a particular case or unless mandatory legal requirements – especially pertaining to the legal relationship towards consumers under the terms of the Konsumentenschutzgesetz (consumer protection law) of the Republic of Austria of 8th March 1979 valid at the time – are applied the Company is obliged to provide warranty in accordance with the provisions of the Paragraphs (2) to (8) below. If mandatory legal requirements are applicable, these shall apply; if any other of the provisions is inapplicable, Item XIII. Paragraph (4) of the General Terms and Conditions of Business and Delivery shall apply.
- (2) The warranty period is six months from the date of the passing of the risk; the warranty period for replacement parts and improvements is three months. Warranty claims lapse within six months of the date of the complaint which must have been submitted within the stipulated time.
- (3) Notice of visible defects or missing components shall be given promptly after the moment of delivery. If such notice is not given promptly, the warranty shall not apply. Notice of hidden defects shall reach the premises of the Company by registered letter within 8 days of their detection. Any modification or processing of the merchandise being carried out either by the Customer or by a third party shall cease as soon as the defect is detected. Costs of any kind incurred to the Customer in connection with claims shall be borne exclusively by the Customer if no express written agreement regarding the sum and reimbursement of such costs was entered into with the Company before these costs were incurred. If notice of a defect is not given within the stipulated time the merchandise shall be deemed to have been accepted unconditionally, in accordance with the terms of the contract and free of defects.
- (4) If notice of a defect is given within the stipulated time the Company's liability is limited to rectification or replacement of the merchandise at its option. The Company shall be granted sufficient time, which shall be at least one month, to effect such rectification or replacement. If the rectification or replacement incurs unreasonable costs to the Company, the Company may satisfy a warranty claim by granting an appropriate price reduction. If the defect is not minor the Company can demand the cancellation (rescission) of the contract. In the event of price reductions and rescission the Company satisfies its obligations if it grants the Customer credit of a sum corresponding to the amount claimed by the Customer as a result of the defect. If the Customer is not present at the time and place agreed for rectification of the merchandise due to circumstances within the Customer's control or if the Customer hampers rectification or replacement or makes rectification or replacement impossible, the Customer shall be deemed to have waived his warranty claims.
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- (6) The Company shall not be obliged to rectify the defect as long as the Customer has not settled all payments including a possible additional charge.
- (7) If the Company is at fault, it shall be liable to provide compensation only in the case of gross negligence or intent but not in the case of slight negligence. In the event that compensation is provided, the above mentioned provisions shall apply in accordance with Paragraph (4).
- (8) The Company shall not provide warranty if the merchandise is used in a way that is not common practice, if the defect is caused by the Customer or a third party or if the Customer or a third party has manipulated or repaired the merchandise himself. The warranty does not apply to consumables or to wear and tear parts.
- (9) If installations are carried out by a non licensed electrical installation company warranty shall be void.

## **X. Documents**

Documents (e.g. invoices, refusal of an order etc.) that are sent to the Customer at the address last given by him shall be deemed to have been received by him in every case unless the Customer has informed the Company of his new address in writing and in good time. If there is still a change of a document (bill), the company will allocate a overall charge of net EUR 25,-.

## **XI. Data protection**

- (1) The customer acknowledges that all data in the contract pertaining to the customer are stored, used and processed by the seller for the purpose of accounting, credit checks and the customer's case. The data is used by the seller to comply with legal requirements, the handling of payment transactions and for advertising purposes.
- (2) The customer has a right to free information about his personal data stored by the seller and, if necessary, a right to correct, delete and block the same.

## **XII. Applicable law, place of jurisdiction and severability clause**

- (1) 6134 Vomp is hereby agreed to be the sole and exclusive place of performance of all deliveries/services performed by either party and all payments made by either party.
- (2) All contracts concluded between the Company and the Customer and all claims arising from the existence or non-existence of these contracts shall be governed by the laws of the Republic of Austria with the exception of the Austrian International Private Law and the UN Convention on International Contracts for the Sale of Goods.
- (3) The sole and exclusive legal venue for all disputes in connection with this contract shall be the materially competent court for 6134 Vomp. However, the Company shall have the right to bring legal action against the Customer also at an alternative legal venue in Austria or abroad.
- (4) If any of the foregoing individual provisions of these General Terms and Conditions of Business and Delivery is inapplicable or becomes inapplicable the parties to the contract hereby expressly undertake to agree to replace the invalid provision with an admissible provision that corresponds as closely as possible to the economic purpose of the invalid provision. The invalidity of individual provisions will not affect the validity of the other provisions.
- (5) This English version is a translation. The original German version shall prevail.

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# Conditions générales de vente

## I. Généralités

(1) L'entreprise se lie contractuellement à ses clients sur la base exclusive des présentes conditions commerciales générales et conditions générales de livraison. Le client renonce à imposer ses propres conditions en substitution des présentes conditions commerciales générales et conditions générales de livraison. Toutefois, au cas où de semblables conditions du client auraient été imposées ou devaient l'être, ce dernier renonce à tous effets juridiques pouvant éventuellement en découler. Une fois entrées en vigueur entre l'entreprise et un client, ces conditions de l'entreprise restent en vigueur pour tous contrats futurs entre ces derniers. Pour être valable, toute abrogation de contrat, rajout ou amendement doivent être formulés par écrit.

(2) En l'absence de pouvoirs écrits de l'entreprise, ses collaborateurs ont interdiction de conclure tout accord abrogeant ces conditions, y ajoutant ou les modifiant. Au cas où de semblables engagements auraient une valeur contraignante pour l'entreprise aux termes de la loi sur la protection du consommateur, celui-ci pourra à tout moment résilier le contrat.

(3) Le client n'est pas autorisé à transférer à un tiers ses droits et obligations aux termes du contrat le liant à l'entreprise sans l'accord écrit de ce dernier. Tous les documents commerciaux et techniques créés par l'entreprise ou remis par cette dernière, représentent des supports de vente et demeurent la propriété de l'entreprise. Toute extension et exploitation nécessite l'accord écrit de l'entreprise. Les supports de vente ne peuvent être utilisés qu'à des fins de présentation et de commercialisation des produits de l'entreprise. En particulier, on ne permettra pas à des tiers d'accéder à ces documents. L'entreprise est libre d'exiger la restitution de ces documents et informations relatives à la vente sans avoir à motiver sa décision.

## II. Offres

(1) Les offres adressées par le client à l'entreprise ne sont acceptées par cette dernière que sur déclaration écrite d'acceptation ou par exécution de fait. Le client présentant une offre est lié par celle-ci pour une durée de 4 semaines à réception de son offre par l'entreprise.

(2) Les offres de l'entreprise ainsi que la teneur de tous autres documents commerciaux (devis, circulaires, catalogues, listes de prix, prospectus, encarts, illustrations, etc.) sont strictement non contractuels et donnés à titre indicatif ; ils peuvent être modifiés et révoqués par l'entreprise. Les prix annoncés pour une offre ne valent que pour une commande portant sur l'ensemble des marchandises et quantités proposées.

## III. Livraison et conditions de livraison

(1) Sauf s'il en est convenu autrement, de façon expresse et par écrit, les délais et dates de livraison ne sont pas contractuels et sont donnés à titre indicatif. Le délai de livraison court à partir de la conclusion juridiquement valable du contrat correspondant. Il ne saurait cependant courir avant que tous les détails concernant la préparation et l'exécution n'aient été entièrement réglés et avant le versement de l'acompte convenu. En cas de modification ultérieure du contrat correspondant, l'entreprise pourra également, sur accord écrit contraignant, revoir les délais et dates de livraison.

(2) Lorsque les marchandises doivent être livrées par l'entreprise à un emplacement spécifique en vertu de conventions particulières, la livraison au dit emplacement spécifique ne sera pas considérée, sauf convention expresse, comme franco de port. Le choix du moyen de transport reste à la discrétion de l'entreprise. À la remise au transporteur ou au responsable du transport, les risques et périls passent au client, indépendamment de la réception ultérieure par ce dernier. Sauf s'il en est convenu autrement de façon expresse et par écrit, la livraison est effectuée sur le territoire français pour les commandes d'une valeur de 500 EUR minimum franco domicile. Pour les envois d'un montant inférieur, une participation au paiement des frais de port s'élevant à 26 EUR sera automatiquement facturée au client à chaque envoi. L'entreprise se réserve le droit de réaliser des livraisons contre remboursement. En outre, l'entreprise pourra facturer au client un supplément à hauteur de 1% de la valeur nette des marchandises pour couvrir d'éventuels droits au titre des défauts cachés causés par le transport.

(3) Lorsque les marchandises doivent être livrées par l'entreprise à un emplacement spécifique en vertu de conventions particulières, la livraison au dit emplacement spécifique ne sera pas considérée, sauf convention expresse, comme franco de port. Le choix du moyen de transport reste à la discrétion de l'entreprise. À la remise au transporteur ou au responsable du transport, les risques et périls passent au client, indépendamment de la réception ultérieure par ce dernier.

(4) Lorsque l'exécution d'un contrat est contrariée pour raison de force majeure (par ex., grève, perturbations majeures de l'activité, ainsi que toutes circonstances compliquant la livraison de façon significative ou la rendant impossible) et que l'entreprise ne peut pas remédier à cette situation de force majeure ou ne le peut qu'au prix de mesures économiquement intolérables, l'entreprise est déliée de ses obligations contractuelles, sans que cela ne donne droit à des dédommagements pour le client. L'entreprise pourra, lorsque l'empêchement aura été levé, réaliser la livraison ou la prestation ou encore annuler la partie non encore exécutée aux termes du contrat. En ce cas, le client pourra inviter l'entreprise par lettre recommandée à préciser s'il résilie le contrat ou entend livrer dans un délai raisonnable. En l'absence de déclaration de la part de l'entreprise sous 14 jours à réception de cette requête écrite, le client pourra résilier le contrat, renonçant par là à un éventuel droit à dommages et intérêts.

(5) En cas d'absence du client à la date de livraison ou si celui-ci manque à prendre les mesures nécessaires à la réalisation de la livraison (partielle), la prestation ou la livraison sera vue comme ayant été acceptée. Les risques et périls ainsi que les frais seront dès lors assumés par le client, si ce n'était pas déjà le cas. Au cas où le client n'enlèverait pas la marchandise ou prestation prévue au contrat aux emplacements et heures appropriés, l'entreprise pourra dans tous les cas soit en reporter l'exécution, soit résilier le contrat après avoir fixé un délai supplémentaire raisonnable. En ce cas, le client répondra de tous les dommages en résultant.

(6) Au cas où l'entreprise serait responsable du retard, le client pourra, après avoir fixé un délai supplémentaire raisonnable d'au moins 14 jours, soit reporter l'exécution, soit déclarer résilier le contrat. Cette déclaration de résiliation devra être explicite et inconditionnelle, et notifiée par écrit. La résiliation du contrat ne prendra effet qu'après que l'entreprise aura par sa faute également laissé passer le délai supplémentaire. Sont expressément exclus tous droits subsidiaires, notamment à titre de dédommagement, et ce, dans la limite des dispositions légales.

(7) L'entreprise pourra conditionner le respect des délais et dates de livraison à compter de la réception des acomptes convenus à la liquidation à terme des créances en cours, à une mise au point relative aux questions demeurant en suspens, à la réunion de l'ensemble des conditions techniques et logistiques préalables ainsi qu'au respect de l'ensemble des autres obligations contractuelles, sans que cela ne dégage sa responsabilité relativement aux conséquences du retard.

(8) Les dommages liés au transport sont à communiquer à l'entreprise et au transporteur immédiatement après la réception de la livraison et de leur faire confirmer. Les dommages liés au transport qui ne serait pas visible en l'état (vices cachés) sont à signaler au transporteur et à l'entreprise dans les 3 jours suivant la réception de la livraison. Autrement, la prise en charge des dommages liés au transport par l'entreprise est exclue.

## IV. Reprise

Sous réserve de l'accord écrit exprès de l'entreprise, les reprises doivent obligatoirement faire l'objet d'un préavis écrit et ne peuvent être effectuées que sous quatre semaines à compter du jour de livraison ou de prestation. En cas d'accord de l'entreprise, il sera impérativement émis un bon de retour à retourner avec la marchandise à l'usine de l'entreprise. Il sera facturé au client au minimum 20% de la valeur des marchandises (avec un minimum de 10€) pour les produits fabriqués par l'entreprise et entreposés impeccablement suivant les techniques les plus récentes et encore conditionnés dans leur emballage d'origine. Les marchandises ordinaires ainsi que les productions spéciales, notamment les marchandises vendues sur mesure au mètre et les lampes avec laquage spécial, doivent obligatoirement être enlevées et ne peuvent faire l'objet d'une reprise, sauf s'il en est convenu autrement de façon expresse et par écrit. Les produits, dont la reprise est exclue sont marqués par le signe suivant "\*" sur les offres et les confirmations de commande. Dans tous les cas, les frais de transport pour reprise de toutes sortes seront entièrement à la charge du client.

## V. Productions spéciales

Sur demande écrite expresse du client, l'entreprise met à la disposition de celui-ci des produits de son programme standard à titre d'échantillons. La livraison des échantillons sera facturée au client avec sa remise habituelle et avec une remise supplémentaire de 20%. Le délai de paiement convenu dans le contrat conclu entre l'entrepreneur et le client s'applique également pour les commandes d'échantillon. Lors d'une première commande, le client se devra de payer la totalité du montant avant que la marchandise ne soit livrée. Les livraisons d'échantillons ne sont pas reprises sauf accord contraire avec le directeur commercial. De nombreux échantillons sont présentés par les différents agents commerciaux de l'entreprise après prise de rendez-vous. Les produits d'éclairage de toute sorte, tels que les ampoules électriques, ne seront en aucun cas repris.

## VI. Conditions de paiement

(1) Sauf s'il en est convenu autrement de façon expresse et par écrit, les prix de vente (contreparties) des marchandises de l'entreprise s'entendent départ usine, en euros nets, impôt sur le chiffre d'affaires applicable en sus, emballage inclus, mais à l'exclusion du port, des assurances, des droits de douane, taxes ou autres frais supplémentaires. Les hausses de prix entraînées par l'accroissement des coûts de production (notamment les prix des matériaux, salaires, frais généraux, etc.) entre la conclusion d'un contrat et son exécution seront facturées au client, qui les supportera. Les commandes sans mention de prix sont facturées aux prix habituels de l'entreprise en vigueur au jour de facturation. Les modifications techniques ou écarts de toute sorte par rapport aux caractéristiques prescrites devront être acceptés par le client au prix général en vigueur, dans la mesure où ils ne sont pas contraires à la destination souhaitée par le client.

(2) Sauf accord écrit contraire, le règlement des factures et des frais supplémentaires (TVA, etc.) est exigible sous 14 jours suivant la date de facture, sans déduction et sans escompte.

(3) En général, les factures sont systématiquement envoyées par voie électronique.

(4) L'entreprise n'a pas obligation d'accepter les lettres de change et/ou les chèques. Tous les frais et commissions bancaires relatifs aux virements de toute sorte sont à la charge du client. Lors d'un règlement par virement bancaire et lettre de change/chèque, le jour d'encaissement est le jour de crédit du compte ou de paiement. En cas de retard de paiement, il est convenu d'intérêts moratoires supérieurs de 3 points au taux d'escompte correspondant de la Banque nationale d'Autriche. Tout préjudice lié aux éventuels intérêts ou perte sur le change devra être remboursé. De plus, lors du recouvrement judiciaire du montant dû, les remises ainsi que toutes autres réductions sont annulées. Il est convenu que les prix dus sont les prix liste bruts.

(5) En cas de retard, même pour un seul paiement (partiel), le délai échoit et toutes les factures et créances sont dues immédiatement, sans qu'il y ait besoin d'un avis d'échéance explicite de la part de l'entreprise. Cela vaut également en cas de détérioration décisive de la situation financière du client. Dans ce cas également, l'entreprise pourra résilier le contrat après avoir fixé un délai supplémentaire raisonnable et reprendre les marchandises livrées au client, différer la remise ou retenir les livraisons/prestations en instance, également celles correspondant à des commandes supplémentaires.

(6) Après entrée en vigueur de la résiliation du contrat, le client devra retourner immédiatement à l'entreprise les marchandises déjà livrées, à ses frais, sans autre avis, compenser une éventuelle diminution de valeur et rembourser tous frais exposés par l'entreprise à l'occasion du contrat et de la réhibition.

(7) Pour autant que des dispositions légales impératives ne s'y opposent pas, le client ne pourra défalquer les créances de l'entreprise de ses propres créances. Les paiements reçus pourront être à chaque fois déduits par l'entreprise de la livraison/prestation la plus ancienne.

(8) Pour autant que des dispositions légales impératives ne s'y opposent pas, le client n'a aucun droit de rétention ou de consignation sur les marchandises de l'entreprise.

(9) Dans le cas où les produits seraient livrés dans un pays tiers, l'entreprise se réserve le droit de facturer la TVA en vigueur a posteriori, si le client n'a pas rempli ses obligations de fournir les documentations douanières appropriées.

## VII. Réserve de propriété

(1) Jusqu'au règlement complet et sans réserves de tous les droits de l'entreprise aux termes d'un contrat – intérêts et frais inclus –, ainsi que jusqu'à l'exécution intégrale de toutes les autres obligations présentes ou à venir du client relatives à la livraison/prestation correspondante ainsi qu'aux autres livraisons et prestations, les marchandises livrées demeurent la propriété sans réserve de l'entreprise. La propriété des

# Conditions générales de vente

merchandises objet des livraisons à venir n'est elle aussi transférée que lorsque les créances relatives aux livraisons antérieures ont été complètement réglées. Le client doit prendre de ses frais et de son plein gré toutes les mesures et fournir les explications qui s'avèrent en l'occurrence nécessaires afin de justifier ou de maintenir la réserve de propriété.

(2) Une cession ou hypothèque des marchandises objet de la réserve avant exécution de toutes les obligations financières n'est autorisée qu'avec l'accord écrit exprès de l'entreprise. Indépendamment de cela, le client formule dès à présent l'offre irrévocable de céder de façon désintéressée à l'entreprise à titre de paiement, en cas de revente de ces marchandises, toutes les créances en découlant. L'entreprise peut à tout moment accepter cette offre de cession, sans limitation dans le temps. Toutes les taxes et frais y afférent seront intégralement supportés par le client.

(3) En outre, jusqu'à l'exécution complète de toutes ses obligations financières, le client ne pourra pas retravailler ou transformer les marchandises livrées ou les raccorder à d'autres matériaux, sans quoi la propriété exclusive des matériaux résultant de ce travail, de cette transformation et de ce raccordement reviendra à l'entreprise.

(4) En cas d'hypothèque ou autre utilisation des biens livrés, le client devra en informer l'entreprise sans tarder et prendre à ses frais toutes mesures en vue de la préservation du droit de propriété de l'entreprise. Si les marchandises objet de la réserve sont sélectionnées par l'entreprise, celui-ci pourra prévoir de les entreposer aux frais du client ainsi qu'à ses risques et périls. Ce dernier devra rembourser à l'entreprise toutes dépenses en rapport avec sa revendication de la propriété.

(5) En cas de non-paiement d'une éventuelle créance de l'entreprise, de cessation de paiement, de déclaration d'insolvabilité ou de saisie de marchandises sous réserve de propriété, le client devra remettre à l'entreprise toutes les marchandises sous réserve de propriété.

## VIII. Droits à dommages et intérêts

(1) Toute responsabilité de l'entreprise pour les dommages causés au client est exclue en cas de négligence mineure. Pour autant que la chose soit légalement permise, l'entreprise décline toute responsabilité vis-à-vis du client pour le manque à gagner, la réduction ou la perte de survaleur, la restriction ou la perte d'opportunités commerciales, les dommages induits de toute sorte, les autres pertes financières, les purs dommages patrimoniaux, les pertes d'intérêts, les dommages résultant de droits de tiers sur le client et/ou les autres dommages découlant de contrats de livraison particuliers ou des présentes conditions générales ou survenus en relation avec ceux-ci. Pour autant qu'une exonération de la responsabilité subséquente soit permise dans un cas particulier, celle-ci est vue comme étant de convention expresse.

(2) En cas de négligence grave, la garantie de l'entreprise pour les dommages est limitée à dix fois le montant facturé net des marchandises livrées à l'origine des dommages.

(3) Tout dédommagement est exclu en cas de non-respect d'éventuelles conditions de l'entreprise pour le montage, la mise en service et l'utilisation.

(4) Pour autant que des dispositions légales impératives ne s'y opposent pas, toute responsabilité pour des dommages aux termes de la loi sur la responsabilité du fait des produits et autres normes similaires est exclue, indépendamment de l'ordre juridique d'origine. Le client s'engage à étendre à un éventuel acheteur cette exclusion de garantie au profit de l'entreprise. Le client a l'obligation de porter à la connaissance de ses collaborateurs de façon régulière et avérée toutes informations et instructions fournies par l'entreprise conjointement à ses produits, ainsi que toutes prescriptions légales.

## IX. Réclamations et garantie

(1) Sans préjudice de conventions écrites particulières ou de l'application de dispositions légales impératives – notamment dans la relation juridique aux consommateurs au sens de la loi du 8 mars 1979 sur la protection du consommateur, dans les termes applicables, l'entreprise a une obligation de garantie conformément aux dispositions suivantes des paragraphes 2 à 8. Dans le cas où des dispositions légales impératives seraient applicables, celles-ci sont de rigueur. Dans les autres cas de nullité, le point XIII, paragraphe 4 des conditions commerciales générales et conditions générales de livraison s'applique.

(2) La période de garantie est de six mois à compter de la transmission des risques. La période de garantie est de trois mois pour les pièces de rechange et réparations. Les droits afférents à la garantie sont prescrits au plus tard sous six mois à compter de la réclamation dans les délais impartis.

(3) Sauf exclusion de garantie, les défauts visibles ou les parties manquantes doivent faire l'objet sans retard après remise et, pour les vices cachés, sous 8 jours à compter de leur découverte, d'une réclamation auprès de l'entreprise adressée par lettre recommandée, avec interruption immédiate de l'utilisation par le client et/ou par un tiers. Les dépenses de toute sorte exposées par le client en rapport avec des réclamations restent à la charge exclusive du client lorsque leur montant et leur remboursement n'ont pas été expressément convenus par écrit avec l'entreprise avant même leur réalisation. A défaut de réclamation dans les délais impartis, les marchandises sont considérées comme acceptées sans réserve, de manière réglementaire, et exemptes de défauts. En cas de réclamation dans les délais impartis, l'entreprise n'a qu'une obligation d'amélioration ou d'échange des marchandises, à son choix. L'entreprise dispose alors d'un délai raisonnable d'au moins un mois. Au cas où l'amélioration ou l'échange entraînerait pour l'entreprise des dépenses excessives, il pourra honorer son obligation de garantie en consentant une réduction de prix raisonnable. Au cas où le défaut serait autre que mineur, l'entreprise pourra différer la résiliation du contrat (rédhibition). En cas de réduction de prix et de rédhibition, l'entreprise aura honoré ses obligations en créditant le client à hauteur de ses droits conditionnels. En cas d'absence du client à la date convenue pour l'amélioration, pour des raisons qu'il devra justifier, ou s'il entrave ou rend impossible la réparation ou l'échange, cela sera considéré comme un renoncement aux droits à garantie. Le client supportera les frais cumulés suite aux mesures susmentionnées, à l'exception des frais d'expédition pour les pièces de rechange ou les marchandises de rechange (supplément).

(4) L'entreprise n'a pas d'obligation de réparer les défauts tant que le client n'aura pas honoré ses obligations de paiement, supplément éventuel inclus.

(5) En cas de responsabilité, l'entreprise ne se porte garant du dédommagement qu'en présence d'une négligence grave ou dol, et non en présence d'une négligence mineure. En cas de dédommagement, les règles arrêtées au paragraphe 4 ci-dessus sont de rigueur.

(6) Toute garantie de l'entreprise est exclue en cas d'utilisation non conforme des marchandises, lorsque le défaut est le fait du client ou d'un tiers ou si des manipulations ou réparations ont été entreprises par le client ou par un tiers. Toute garantie pour les consommables et pièces périssables est exclue.

## X. Documents

Les documents (p. ex., factures, rejet d'une commande, etc.) adressés au client à la dernière adresse connue communiquée par ce dernier sont considérés dans tous les cas comme lui étant parvenus, à moins que le client n'ait notifié à l'entreprise un changement d'adresse en temps voulu et par écrit. Au cas où le changement d'adresse ne serait pas mentionné entraînant le changement d'un document existant (facture), l'entreprise se réserve le droit de facturer une taxe forfaitaire de 25 EUR net.

## XI. Protection des données

Le client reconnaît que les données figurant dans le contrat peuvent être enregistrées, utilisées et modifiées pour les besoins de la comptabilité, le contrôle de solvabilité et les besoins commerciaux. Les données sont utilisées, conformément à la loi applicable, pour le suivi des transactions financières et la prospection publicitaire.

## XII. Choix du droit applicable, tribunal compétent et clause de sauvegarde

(1) De convention expresse, le lieu d'exécution pour toutes livraisons/prestations et paiements bilatéraux est A-6134 Vomp exclusivement.

(2) Pour tous contrats conclus entre l'entreprise et le client et pour tous droits découlant de l'existence ou de l'absence de ces contrats, il est convenu que le droit autrichien s'applique, à l'exception des dispositions du droit privé international autrichien et des dispositions du droit commercial des Nations Unies.

(3) De convention expresse, le tribunal exclusivement compétent pour toutes actions en justice relatives aux conditions contractuelles est le tribunal compétent de fait en temps utile pour A-6134 Vomp. L'entreprise reste cependant libre de poursuivre le client devant un autre tribunal autrichien ou étranger également.

(4) En cas de nullité de dispositions particulières des présentes conditions commerciales générales et conditions générales de livraison, les parties au contrat s'engagent expressément par les présentes à appliquer les dispositions juridiquement valables les plus proches des objectifs économiques des dispositions nulles. La nullité de dispositions particulières est sans effet sur la validité juridique des autres dispositions restantes.

04/2022

# Condizioni Generali e di Consegna

## I. Premessa

- (1) La impresa planlicht GmbH & Co KG, di seguito azienda, stipula contratti con i suoi clienti solamente sulla base delle Condizioni Generali e di Consegna. Il cliente rinuncia al cambiamento delle Condizioni Generali e di Consegna presente mediante l'invio di condizioni proprie. Ciononostante, l'invio di condizioni avviene o è avvenuto dalla parte del cliente, esse rinuncia all'efficienza giuridica originante delle sue condizioni. Condizioni dall'azienda, una volta stabilite tra l'azienda e il cliente, applicano per tutti i contratti futuri tra entrambi. L'annullamento, adattamenti complementari o emendamenti di contratti valgono solamente in forma scritta.
- (2) Senza la conferma scritta dell'azienda, i lavoratori non hanno il diritto di confermare, annullare, cambiare o aggiungere elementi alle presenti condizioni; nel caso che ci siano vincolanti secondo la legge di protezione di consumatori, ha il diritto di rescindere il contratto in qualsiasi momento.
- (3) Il cliente non ha il diritto di trasferire diritti e obbligazioni contrattuali con l'azienda senza la conferma scritta di essa. Tutti i documenti commerciali o tecnici creati o consegnati dall'azienda sono materiale per assistere la vendita e rimangono proprietà di essa. Ognuna propagazione o utilizzazione pretende la conferma scritta della ditta. Materiale per assistere la vendita deve utilizzato solamente per la presentazione e commercializzazione dei prodotti dell'azienda. In particolare, i documenti non devono tenuti a disposizione. L'azienda ha il diritto di pretendere la restituzione del materiale e i documenti commerciali o tecnici senza ulteriori informazioni o senza fornire giustificazioni.

## II. Offerte

- (1) Le offerte ricevute dalla parte del cliente accetta il committente solamente con una conferma scritta di accettazione da parte dell'azienda o mediante l'adempimento effettivo; l'offerta dal cliente è vincolante per quattro settimana dopo la ricevuta dall'azienda.
- (2) Le offerte dall'azienda come anche il contenuto di qualsiasi documenti commerciali (preventivo delle spese, lettere circolari, cataloghi, liste dei prezzi, dépliant, annunci, immagini, ecc.) sono non-vincolanti e non-impegnativi in linea di principio e possono essere cambiati e revocati da parte dell'azienda. Le calcolazioni dell'offerta applicano solamente nel caso dell'ordinazione di tutta la merce rispettivamente la merce e quantità offerta.

## III. Consegna e condizioni di consegna

- (1) Allorché non è stato convenuto nessun altro accordo, il termine per la consegna e altri termini sono non impegnativi e non vincolanti. Il termine di consegna inizia con la conclusione di contratto giuridicamente valida, ma non prima della chiarificazione di tutti i dettagli in riguardo alla pianificazione e alla effettuazione e non prima della effettuazione dell'acconto accordato. Nel caso di una modificazione retroattiva del rispettivo contratto l'azienda abbia il diritto di modificare i termini e la data di consegna in modo unilaterale secondo i cambiamenti, indipendentemente di conferme vincolanti per iscritto.
- (2) In mancanza di un diverso accordo resta inteso che i servizi dell'azienda sono franco fabbrica (magazzino) e per conto e rischio del cliente; la suddetta condizione applica anche per consegne parziali. Nel caso che sia concordato il ritiro da parte del cliente, il rischio passa al cliente nel momento in cui la merce sia messa a disposizione per il ritiro. Se il cliente non ritira la merce come concordato, il rischio passa al cliente con la data di ritiro concordato e il cliente è responsabile per tutte le spese dell'immagazzinamento, sia da parte dell'azienda o da parte di terzi. Se la merce è da consegnare a un luogo precisato in conseguenza di un accordo separato, la consegna, senza altri accordi, non è franco di nolo. Il committente è libero di scegliere il mezzo di trasporto. Con la consegna al trasportatore o vettore passa il rischio al cliente, indipendentemente della consegna posteriore al cliente. Per la consegna e l'adempimento del termine di consegna nei nostri mercati principali in Austria, Alto Adige, Svizzera, Germania, Francia, Finlandia il trasporto è pagato fino a un luogo definito (CPT) secondo la versione attuale dei INCOTERMS della camera di commercio internazionale a Parigi al giorno della conclusione del contratto. In mancanza di un accordo diverso per iscritto, la consegna a domicilio avviene in Austria da un valore d'ordinazione pari o superiori a EUR 350,- netto, in Germania, Svizzera, Alto Adige pari o superiori a EUR 750,- netto, in Francia pari o superiori EUR 500,- netto e in Finlandia pari o superiori a EUR 1000,- netto. Le spese di spedizione per ordinazioni sotto il suddetto valore sono a carico del cliente. L'azienda si riserva il diritto di effettuare la spedizione contrassegno della merce. Inoltre, l'azienda ha il diritto di fatturare un supplemento di 1% del valore della merce netto per le spese eventuali per vizi nascosti che originano dal trasporto.
- (3) Se la esecuzione del contratto viene ostacolato da forze maggiori (p.e. scioperi, anomalie di funzionamento come anche tutte le circostanze che complicano la consegna o la rendono impossibile) e gli ostacoli non sono rimosibili da parte del committente o solo in modo economicamente insopportabilmente per l'azienda, l'azienda è liberato dalle sue obbligazioni contrattuali senza che il cliente ha il diritto a un risarcimento. L'azienda ha il diritto di continuare la consegna o il servizio dopo la cessazione dell'ostacolo o di recedere dal contratto in riguardo agli elementi contrattuali ancora aperti. Il cliente può intimare l'azienda mediante una lettera raccomandata di dichiarare se recede dal contratto o consegna entro un tempo ragionevole. Nel caso di una mancanza della dichiarazione da parte dell'azienda dopo 14 giorni dopo la ricevuta della richiesta scritta, il cliente può recedere dal contratto con la rinuncia al diritto di risarcimento eventuale.
- (4) Se il cliente è assente alla data di consegna o è in ritardo con l'esecuzione delle misure preventive necessarie per la consegna (parziale), il servizio o la consegna viene considerato/a effettuata. Il rischio e le spese passano al cliente nel caso che non sia successo già prima. Se il cliente accetta la merce o il servizio non al luogo corretto o al termine corretto, il committente ha il diritto di pretendere l'adempimento o di recedere dal contratto dopo aver concesso un periodo supplementare adeguato; in questo caso il cliente è responsabile per ogni danno causato in tal modo.
- (5) Se il committente ha causato il ritardo, il cliente ha il diritto di pretendere l'esecuzione del contratto dopo aver concesso un periodo supplementare di minimo 14 giorni o altrimenti dichiarare di recedere dal contratto. La dichiarazione del recesso deve essere menzionata per iscritto, in modo assoluto e determinato nella lettera per dichiarare il periodo supplementare. Il recesso dal contratto solamente diventa efficace, se il committente non effettua il contratto entro il termine concordato. Diritti ulteriori, in particolare dal titolo di risarcimento dei danni, sono esclusi esplicitamente, quanti giuridicamente leciti.
- (6) Il committente ha il diritto, senza conseguenze di ritardo, di condizionare l'adempimento del termine di consegna e la data di consegna dal pagamento effettuato concordato, dal pagamento puntuale dei debiti attivi, dalla chiarificazione di eventuali questioni originante a posteriori, dalla effettuazione di tutti i premissi tecnici o spaziali come anche l'adempimento di tutte le obbligazioni originante dal contratto.
- (7) In mancanza di un accordo specificato diversamente per iscritto, l'azienda ha il diritto di eseguire consegne parziali o precedente e fatturare i prodotti e servizi forniti.
- (8) Danni o vizi di trasporto visibili sono da comunicare immediatamente al vettore o al committente alla ricevuta della spedizione e devono essere confermati di essi. Danni o vizi di trasporto che non sono visibili sotto l'imballaggio, devono essere dichiarato entro tre giorni dopo la ricevuta della merce. Altrimenti, l'esecuzione di danni o vizi di trasporto viene escluso da parte dell'azienda.

## IV. Rimozioni

La rimozione richiede, con riserva del consenso scritto esplicito dell'azienda, la registrazione scritta precedente e può essere realizzato solamente entro quattro settimane dopo il giorno della consegna o del servizio fornito. Nel caso che l'azienda consenta al rimozione, solamente merce di qualità sana, tecnicamente attuale e con l'imballaggio originale può essere ritornata. Secondo le spese interne, vengono fatturate al cliente minimo 20% del valore della merce (minimo EUR 10,-) come spese di manipolazione. Tutte le spese per la spedizione del ritorno e di ogni tipo sono interamente a carico del cliente.

## V. Consegna di campioni

Secondo l'accordo esiste la possibilità di mettere a disposizione campioni per quattro settimane. Nel caso di una consegna di campioni il termine di pagamento viene prolungato dal periodo di prova concordato. Tutte le spese per la spedizione e il ritorno sono a carico del cliente. Campioni possono essere ritornati all'azienda e accreditati da essa se corrisponde internamente alla consegna originale, nessun montaggio meccanico è stato effettuato e la merce non è danneggiata. Lampadine di ogni tipo sono esclusi dal ritorno.

## VI. Condizioni di pagamento

- (1) I prezzi (corrispettivi) per la vendita della merce del committente sono validi, se non concordato diversamente per iscritto, franco fabbrica (magazzino) in euro netto per soprappiù l'IVA lecitamente valida, incluso imballaggio ma senza spedizione, assicurazione, dogana, spese o altri spese addizionali. Aumenti dei prezzi a causa di un aumento dei costi di produzione (in particolare il costo del materiale, salari, costi generali ecc.) tra la conclusione del contratto e l'adempimento di esse vengono fatturati al cliente e sono al carico del cliente. Ordinanze senza una definizione di prezzo vengono fatturate secondo l'usuale prezzo attuale al giorno della fatturazione. Modificazioni tecniche o deviazioni delle direttive di ogni tipo sono da accettare dal cliente al prezzo usuale generalmente, se non sono contrario al causale preteso del cliente.
- (2) La retribuzione incluso tutti i costi addizionali (IVA ecc.) è, se non diversamente concordato per iscritto, in scadenza e da pagare entro 14 giorno dopo la data di fattura senza detrazione o senza sconto.
- (3) I conti vengono effettuati generalmente e unicamente in modo elettronico.
- (4) L'azienda è obbligata all'accettazione di assegni. Il pagamento mediante assegno ha luogo solamente pro solvendo. Tutte le spese e provvigioni bancari in connessione con il bonifico, di qualsiasi tipo, sono al carico del cliente. Per bonifici bancari e assegni il giorno dell'accreditamento o del rimborso dell'assegno è considerato il giorno di pagamento. Nel caso del ritardo di pagamento applicano gli interessi di mora leciti per soprappiù la tassad'ingiunzione di pagamento. Inoltre, sconti o altre riduzioni del prezzo si placano nel caso di una richiesta giuridica e valgono i prezzi brutti di listino.
- (5) Nel caso di ritardo di solo un pagamento (parziale) occorre la decadenza al termine e tutte le fatture e debiti vengono in scadenza immediatamente, senza la necessità di una richiesta di scadenza scritta da parte dell'azienda. Lo stesso applica nel caso di deterioramento dello stato pecuniario del cliente. In questo caso l'azienda ha il diritto, dopo aver concesso un periodo supplementare, di recedere dal contratto e riprendere la merce fornita al cliente, pretendere la rivendicazione o riportare la spedizione della merce o servizi in sospeso, anche riguardando altri ordini.
- (6) Dopo il recesso dal contratto è in vigore, il cliente deve ritornare la merce già spedita senza ulteriori solleciti con i costi sono a carico del cliente, effettuare la restituzione per la diminuzione di valore eventuale e rimborsare tutti gli impegni che originano al committente durante la esecuzione del contratto e la liquidazione.
- (7) Se disposizioni di legge imperative non ostino, il cliente non ha il diritto di detrarre i suoi debiti con i debiti dell'azienda. Pagamenti in entrata possono essere ascritti alla consegna/il servizio più vecchia/o, indipendentemente dalla dedica del cliente.
- (8) Se disposizioni di legge imperative non ostino, il cliente non ha il diritto di ritenzione o di pegno della merce del committente.
- (9) Nel caso dell'esporto della merce in un paese terzo, l'azienda si riserva esplicitamente il diritto di mettere in conto l'IVA legale valida, se il cliente non adempie il suo dovere della documentazione di esportazione corretta.

## VII. Riserva di proprietà

- (1) La merce consegnata rimane proprietà in assoluto dell'azienda fino al completo pagamento incondizionato di tutti i crediti stabiliti dal contratto, inclusi gli interessi, costi e spese così come al completo adempimento di altri obblighi finanziari dell'acquirente presenti e futuri in relazione alla rispettiva fornitura/servizio, nonché sulla base di tutte le altre forniture e servizi. Anche la proprietà di merci di forniture future verrà trasferita solo dopo che i crediti di forniture precedenti sono stati completamente saldati. Il cliente deve agire e fare dichiarazioni a proprie spese e di propria iniziativa, che in funzione della situazione sono necessarie per motivare o ottenere la riserva di proprietà.
- (2) L'alienazione a terzi o pignoramento della merce soggetta alla riserva di proprietà prima del completo adempimento di tutti gli obblighi finanziari è lecita solamente con esplicito assenso scritto dell'azienda.

# Condizioni Generali e di Consegna

Indipendentemente da ciò, il cliente offre di cedere irrevocabilmente tutti i crediti all'azienda alla sua soddisfazione pro solvendo, nel caso di alienazione a terzi della suddetta merce. L'azienda può accettare questa offerta di cessione in qualsiasi momento e senza limiti di tempo. Tutte le tasse e spese annesse sono interamente a carico dell'acquirente.

(3) Fino al completo adempimento di tutti gli obblighi finanziari il cliente non è autorizzato ad elaborare e trasformare la merce fornita o di combinarla con altre merci. In caso contrario, l'azienda ha la proprietà esclusiva sulle merci risultate dalle elaborazioni, trasformazioni e combinazioni.

(4) In caso di pignoramento o altri utilizzi della merce fornita, il cliente è obbligato ad avvertire immediatamente all'azienda e ad adottare tutte le misure a proprie spese per la tutela del diritto di proprietà dell'azienda. Nel caso in cui la merce soggetta alla riserva di proprietà, l'azienda può effettuare l'immagazzinamento della merce a carico e rischio del cliente. Esse è obbligato al rimborso di tutte le spese in relazione del fare valere del proprietà.

(5) In caso di mancato pagamento di un credito scaduto dall'azienda, sospensione dei pagamenti, apertura del procedimento d'insolvenza e dell'esecuzione di una merce soggetta alla riserva di proprietà, il cliente è tenuto a restituire tutta la merce soggetta alla riserva di proprietà all'azienda.

## VIII. Diritto al risarcimento danni

(1) È esclusa la responsabilità dell'azienda per danni del cliente per lieve negligenza. L'azienda non risponde nei confronti del cliente, nella misura consentita dalla legge, per la perdita/mancati profitti, danni all'avviamento dell'azienda o perdite dell'avviamento dell'azienda, danni o perdite di opportunità commerciali, danni conseguenti di qualsiasi tipo, altre perdite economiche, danni patrimoniali, perdita di interessi, danni rivendicati da terzi nei confronti dell'acquirente e/o altri danni che possono insorgere da o in relazione con singoli contratti di fornitura o con queste condizioni generali. Se nel caso specifico è ammesso escludere la responsabilità in maniera più ampia, vale come concordato.

(2) In caso di negligenza grave, la responsabilità dell'azienda per danni è limitata fino a dieci volte l'importo netto della fattura della merce fornita che ha causato i danni.

(3) È escluso ogni risarcimento dei danni in caso di inosservanza di eventuali condizioni dell'azienda per l'installazione, la messa in esercizio e l'utilizzo.

(4) Se disposizioni di legge imperative non ostino, è esclusa la responsabilità secondo la legge sulla responsabilità dei prodotti e altre norme comparabili, indipendentemente dal sistema giuridico da cui scaturiscono.

## IX. Reclamazione e garanzia

(1) Se disposizioni diversi non sono concordati separatamente per iscritto o disposizioni di legge imperative – in particolare nella relazione con il consumatore nel senso delle disposizioni di legge di tutela dei consumatori del 8 marzo 1979 nella versione attuale, viene applicato, l'azienda è obbligata alla garanzia. Nel caso della applicazione delle disposizioni di legge obbligatorie; nel caso in cui viene a pena di nullità applichi il punto XIII articolo (4) delle Condizioni Generali e Consegna.

(2) Il termine di garanzia è sei mesi dopo il trapasso del rischio al cliente; il termine di garanzia per pezzi di ricambio e rettificazioni è tre mesi. La garanzia cade in prescrizione al massimo sei mesi dopo l'ammontamento entro il termine convenuto. Per il consumatori applicano le disposizioni di legge per la garanzia.

(3) Vizi visibili, pezzi mancanti e vizi invisibili sono da ammonire immediatamente dopo la consegna per iscritto e mediante l'interruzione del lavoro proprio o da parte terza immediatamente; le spese risultante del cliente, di ogni tipo, in relazione con la reclamazione sono esclusivamente a carico del cliente nel caso che l'ammontare e il rimborso con l'azienda non sia concordato precedentemente per iscritto. In mancanza dell'ammonimento la merce viene considerata consegnata senza riserve, regolarmente e senza vizi.

(4) Nel caso dell'ammontare entro il termine convenuto l'azienda sia obbligata solamente alla rettificazione o alla sostituzione; per questo l'azienda ha un periodo adeguato, ma minimo un termine di un mese alla sua disposizione per la rettificazione o la sostituzione. Se la rettificazione o la sostituzione significano spese sproporzionatamente per l'azienda, essa ha il diritto di concedere uno sconto adeguato a compiere la sua obbligazione di garanzia; se il vizio non è futile, l'azienda può richiedere l'annullazione (risoluzione) del contratto. Nel caso di una riduzione del prezzo e la risoluzione del contratto l'azienda adempia le sue obbligazioni, se l'azienda rilascia un credito a favore del cliente con la somma della rivendicazione del cliente. Se il cliente non è presente alla data concordata della rettificazione o rende più difficile la rettificazione o la sostituzione, il suddetto atto viene considerata la rinuncia a tutti i diritti di garanzia.

(5) Le spese accumulante delle suddette misure sono a carico del cliente (sovrapprezzo), escluso le spese per la spedizione di pezzi di ricambio o merce di ricambio.

(6) L'azienda non è obbligata ad azioni correttivi nel caso che il cliente viene meno al suo dovere di pagamento incluso eventuali sovrapprezzi.

(7) Nel caso di colpevolezza l'azienda sia responsabile per la risarcimento dei danni solo in presenza di negligenza grave o dolo, ma non in presenza di negligenza leggera. Nel caso di risarcimento dei danni applichino le suddette regole secondo articolo (4).

(8) La garanzia dell'azienda è esclusa, se la merce è stata utilizzata in modo inusuale, il vizio è stato causato dal cliente o da terzi o il cliente o terzi hanno effettuato manipolazioni o riparazioni alla merce. La garanzia è esclusa per pezzi d'uso o soggetti a usura.

(9) La garanzia si placa automaticamente, se l'installazione non viene effettuato da una impresa elettrica certificata.

## X. Documenti

Documenti (p.e. fatture, rifiuti di ordinazioni, ecc.), che vengono mandato al cliente all'indirizzo comunicato ultimamente, vengono considerati spediti, inoltre il cliente ha comunicato l'azienda il cambiamento puntuale per iscritto. Nel caso della necessità di cambiamenti di documenti (fattura), l'azienda mette in conto un forfait di EUR 25,-!

## XI. Protezioni dei dati

(1) Il cliente riconosce che tutti i dati del cliente indicati nel contratto per la fatturazione, richiedere informazioni commerciali e la evidenza dei cliente dei commessi possono essere salvato, utilizzato e processato. I dati vengono utilizzati per riempire le norme legali, per processare tutti le operazioni di pagamento o per mettere a disposizione informazione dei nostri prodotti.

(2) Il cliente ha il diritto di informazione gratuita di tutti i dati personali salvati dai commessi come anche eventualmente il diritto di correggere o cancellare o bloccare i dati.

## XII. Scelta della legge applicabile, foro competente e clausola di riserva

(1) Il luogo d'adempimento di tutti le consegne e i servizi da entrambi le parti come anche i pagamenti è esclusivamente A-6134 Vomp.

(2) Per tutti i contratti concordati tra l'azienda e il cliente e tutti i debiti originante di essi applica la legge austriaca, con l'eccezione delle disposizioni della diritto privato internazionale di Austria e le disposizioni della legge commerciale della ONU.

(3) Foro competente esclusivo per tutte le controversie originante dal rapporto contrattuale è A-6134 Vomp e il tribunale responsabile; l'azienda si riserva il diritto di chiamare in causa il cliente in altri fori competente nazionali o internazionali.

(4) Nel caso in cui alcune condizioni di queste Condizioni Generali e di Consegna siano o diventino invalide o parzialmente invalide, i contraenti dichiarano di concordare condizioni valide che si avvicina il più possibile all'interesse della parte. La validità delle altre condizioni rimane intatta.

04/2022

# Garantiebestimmungen

Die planlicht GmbH & Co KG, Fiecht Au 25, A-6130 Schwaz / Vomp, gewährt durch ihre jeweiligen Vertriebsniederlassungen folgende Herstellergarantie von 66 Monaten auf planlicht-Produkte:

Wir garantieren gemäß den nachfolgend näher bezeichneten Bedingungen, dass unter der Marke „planlicht“ vertriebene Produkte bei bestimmungsgemäßem Gebrauch während eines Garantiezeitraums von 66 Monaten (5 ½ Jahre) ab Rechnungsdatum frei von Fabrikations- und/oder Materialfehlern sind.

1. Vorangeführt wird, dass soweit im Folgenden von Kunde gesprochen wird, der Begriff „Kunde“ als gewerblicher Händler bzw. Vertragspartner des Unternehmens planlicht anzusehen ist. Voraussetzung für die Gewährung der Garantie ist die online-Registrierung der jeweiligen Installation (Projekt, Gebäude) bis spätestens 66 Tage nach jeweiligen Rechnungsdatum auf [www.planlicht.com](http://www.planlicht.com) unter dem Menüpunkt „Garantie“. Mit der jeweiligen Registrierung bestätigt der Kunde, Firmenkunde zu sein; mangelhafte, falsche oder irreführende Angaben können zu einer Aufhebung der Garantie führen. Die für diese Registrierung erforderlichen Mindestangaben von Firmenkunden beinhalten neben den Kontaktdaten des Kunden jedenfalls die Auftragsnummer sowie den Installationsort der Produkte. Wir behalten uns vor, erforderlichenfalls weitere Angaben zu verlangen.

2. Im Garantiefall ist der Kunde verpflichtet, uns innerhalb von 6 Tagen ab Feststellen, dass einzelne oder alle der für die Garantie registrierten Produkte Produktions- und/oder Materialfehler aufweisen, dies schriftlich bekannt zu geben. Sodann ist uns eine angemessene Frist für die Prüfung der Produkte zu gewähren. Sollte dafür die Rücksendung der betreffenden Produkte an uns erforderlich sein, sind die Kosten dafür vom Kunden zu tragen. Treten Bedenken am Vorliegen des behaupteten Mangels oder daran auf, dass der behauptete Mangel auf einen von dieser Garantie umfassten Fabrikations- und/oder Materialfehler zurückzuführen ist, trägt die Beweislast für das Vorliegen des Mangels und/oder die Kausalität eines von dieser Garantie umfassten Fabrikations- und/oder Materialfehlers der Kunde; dieser hat die entsprechenden Nachweise zu erbringen und externe Kosten der Überprüfung (z.Bsp. Gutachten) unabhängig von deren Ausgang bzw. Ergebnis zu tragen.

3. Die Garantie gilt für andauernde Fehlfunktionen von Produkten, die auf wesentliche Produktions- und/oder Materialfehler zurückzuführen sind, soweit sie die Nennausfallsrate übersteigen. Die Nennausfallsrate beträgt bei elektronischen Betriebsgeräten und Bauteilen wie etwa LEDs 0,2%/1000 Betriebsstunden, wenn in den Produkt- und Anwendungsspezifikationen nichts Gegenteiliges festgelegt wurde und soweit nicht ausdrücklich etwas anders angegeben wurde. Außerdem gelten bei LED-Modulen ein Lichtstromrückgang von bis zu 1,0%/1000 Betriebsstunden sowie eine Lichtfarbpunktverschiebung über die Lebensdauer als normal und dies fällt nicht unter die Garantie.

Es kann aufgrund des technischen Fortschritts und der nutzungsbedingten Veränderung des Lichtstroms zu Abweichungen in den Lichteigenschaften gegenüber dem ursprünglichen Produkt kommen, wenn LED Module ersetzt werden.

4. Diese Herstellergarantie ist eine Ersatzteilgarantie. Sämtliche Ersatzprodukte oder -teile können neue oder wiederverwertete Materialien enthalten, die im Vergleich zu neuen Produkten oder Teilen hinsichtlich Leistung und Zuverlässigkeit gleichwertig sind. Hinsichtlich Design oder Abmessungen kann das Ersatzprodukt vom ursprünglichen Produkt abweichen. Wir garantieren, dass Ersatzprodukte oder -teile für die restliche Zeit des anwendbaren Garantiezeitraums für das Produkt, das ersetzt wird bzw. in dem sie eingebaut werden, keine Herstellungsmängel oder Materialfehler aufweisen.

5. Die Garantie bezieht sich nur auf Produkte,

- die gemäß den Produkt- und Anwendungsspezifikationen (Produktdatenblätter, Kataloge oder ähnliches) verwendet wurden und fachmännisch gemäß Montageanleitung durch ein konzessioniertes Elektrounternehmen installiert und in Betrieb gesetzt wurden;
- an denen keine Änderungen oder Reparaturen vorgenommen wurden, zu denen wir nicht unsere schriftliche Zustimmung gegeben haben;
- deren Grenzwerte für externe Einflussfaktoren, wie Temperaturen und Spannungen, nicht überschritten wurden und die keinen nicht bestimmungsgemäßen mechanischen Belastungen ausgesetzt wurden;
- die vom Kunden ordnungsgemäß und entsprechend den im Kaufvertrag vereinbarten Zahlungsbedingungen bezahlt wurden;
- die ausschließlich mit Leuchtmittel ausgestattet wurden, die den geltenden IEC-Spezifikationen entsprechen;
- und
- deren Wartungserfordernissen fachmännisch Genüge getan wurde.

6. Die Garantie bezieht sich nicht auf

- alle im Zusammenhang mit der Mängelbehebung entstehenden Nebenkosten, wie z.B. für Ein- und Ausbau, Transport des fehlerhaften und des reparierten bzw. neuen Produkts, Entsorgung, Fahrt und Wegzeit, Hebevorrichtung, Gerüste, Verdienstausschlag, Pönalen, Gutachterkosten, Mängelnachweis bzw. Neuinbetriebnahme;
- normale Abnutzung und Verschleiß sowie Verschleißteile, wie beispielsweise alle Standard-Leuchtmittel und Batterien; ebenso Ventilatoren in Produkten mit LED-Leuchtmitteln, Softwarefehler, Bugs oder Viren;
- Oberflächenbeschichtungen bzw. Kunststoffteile aus z.B. Polycarbonat und PMMA, die sich aufgrund des natürlichen Alterungsprozesses verfärben oder verspröden;
- vorsätzliche oder fahrlässige Beschädigungen;
- Sonderfertigungen, bei denen wir nach vom Kunden vorgelegten Plänen, Zeichnungen und Spezifikationen arbeiten;
- Konstruktionsfehlern;
- Einstellungen bzw. Parametrierungen an Anlagen, die sich aufgrund von Verschleiß, Ermüdung oder Verschmutzungen verändern;
- Abweichungen des Produkts von Abbildungen oder Angaben in unseren Katalogen oder sonstigen Verkaufsunterlagen;
- Mängel, die auf unvorhergesehene und unvorhersehbare Vorkommnisse, wie Zufall und/oder höhere Gewalt (einschließlich elektrische Entladungen, Blitze) zurückzuführen sind und bei denen ein Bezug auf Mängel im Herstellungsprozess des Produkts auszuschließen ist;
- und
- elektronische Komponenten bzw. Produkte, die planlicht als Handelsware vertreibt.

7. Es steht uns frei, den Mangel zu beheben oder einen von uns gewählten Ersatz in Form gleicher oder gleichwertiger Produkte zu leisten oder den Kaufpreis zu mindern bzw. zu erstatten, wenn sich nach Prüfung eines als Garantiefall gemeldeten Produkts herausstellt, dass es die behaupteten Mängel aufweist und diese durch die Garantieerklärung gedeckt sind. Der Kunde trägt alle mit der Garantieleistung entstehenden Nebenkosten, siehe insbesondere, aber nicht ausschließlich Punkt 6.a).

Auch für im Rahmen der Garantieleistung notwendige Neuinbetriebnahmen, Softwareneustellungen oder Softwareupdates trägt der Kunde die Kosten.

8. Schlussbestimmungen

- Diese Garantie gilt nur für Produkte mit einem Lieferdatum ab 01.09.2014.
- Wir übernehmen keine über diese Garantie hinausreichende Haftung. Insbesondere haften wir im Rahmen dieser Garantie nicht für etwaige mittelbare Schäden, Sonder- oder Folgeschäden, Vermögensschäden einschließlich dem Verlust tatsächlicher oder erwarteter Gewinne, Zinsen, Erträge, erwarteter Einsparungen oder Geschäfte, Schädigungen des Firmenwerts, und Schäden jeglicher Art, die Dritten entstanden sind. Neben dieser Garantie bleibt unsere vertragliche Gewährleistung jedoch unverändert aufrecht.
- Die Haftung aus dieser Garantie ist auf den Kaufpreis der betroffenen Produkte beschränkt. Sie ist gegenüber einer Haftung aus anderen rechtlichen Gründen subsidiär. Ein Anspruch auf zusätzliche bzw. den tatsächlichen Schadensbetrag erhöhende Leistungen oder Zahlungen kann nicht aus dieser Garantie hergeleitet werden.
- Der Kunde kann die Garantie bzw. seine Rechte daraus nur mit unserer schriftlichen Zustimmung übertragen. Dritte haben kein Recht, eine der in dieser Garantie enthaltenen Bestimmungen durchzusetzen.
- Es gilt das österreichische Recht. Die Bestimmungen des UN-Kaufrechts finden keine Anwendung.
- Gerichtsstand für alle Streitigkeiten, die sich aus dieser Garantieerklärung ergeben, ist je nach Streitwerthöhe Schwaz oder Innsbruck.
- Für den Fall, dass einzelne Bestimmungen dieser Garantieerklärung ganz oder teilweise unwirksam sind oder werden, wird dadurch die Gültigkeit der übrigen Bestimmungen nicht berührt. Die gänzliche oder teilweise unwirksame Bestimmung wird durch eine gültige ersetzt, die dem Parteiwillen möglichst nahe kommt. Mündliche Nebenabsprachen gelten als unwirksam.



# Warranty Conditions

The planlicht GmbH & Co KG, Fiecht Au 25, A-6130 Schwaz / Vomp grants the following manufacturer's guarantee of 66 months by their respective sales offices on products of planlicht: In accordance with the following terms and conditions described in more detail below, we warrant that products distributed under the trademark "planlicht" are free of production and/or material defects during the guarantee period of 66 months (5 ½ years) counting from the invoice date in case of proper use.

1. Please note that insofar it is referred to customers in the following, the term "customer" signifies commercial dealer or, respectively, contractual partner of the company planlicht. Prerequisite for the granting of the guarantee is that the respective installation (project, building) has been registered online within 66 days at the latest upon the respective date of invoice under [www.planlicht.com](http://www.planlicht.com) under the menu item "guarantee". With the respective registration, the customer confirms being a corporate customer; the provision of inadequate, false or misleading information may lead to the withdrawal of the guarantee. Besides the contact details of the customer, the minimum information on the corporate customers required for the registration in any case includes the order number as well as the installation site of the products. We reserve the right to ask for further information, if necessary.
2. In case of the occurrence of the guaranteed event, the customer is obliged to notify us within 6 days upon discovery of the defect in writing of the fact that individual or all of the products registered for the guarantee show production and/or material defects. Thereafter, we shall be granted an adequate period of time to verify the products. Should it therefore be necessary to return the products concerned to us, the costs thereof shall be borne by the customer. Should concerns appear regarding the existence of the alleged defects or regarding the fact that the alleged defect is attributable to a production and/or material defect covered by the guarantee, the customer shall bear the burden of proof regarding the existence of the defect and/or the causality of a production and/or material defect covered by this guarantee; same has to provide the respective evidence and bear the external costs of the verification (e.g. expert's opinions) independent of their outcomes or their result.
3. The guarantee covers persistent malfunctions of products that are attributable to substantial production and/or material defects, in so far as they exceed the nominal failure rate. The nominal failure rate is 0.2%/1000 operating hours with electronic operating devices and components such as LEDs, unless otherwise determined in the product and application specifications and unless specified expressly otherwise. Furthermore, a reduction in luminous flux of up to 1.0%/1000 operational hours as well as a colour point shift over the life span of LED modules shall be deemed normal and this shall not be covered by guarantee. Deviations regarding the properties of the light may occur in relation to the original product, in case that LED modules are replaced, due to the technological progress and the usage-related alterations of the luminous flux.
4. This manufacturer's guarantee is a spare-part guarantee. All substitute products or spare-parts may contain new or recycled materials that are equivalent to new products or parts as regards their performance and reliability. As regards design or dimensions, the substitute product may deviate from the original product. We warrant that the substitute products or spare-parts do not show any production or material defects during the remaining warranty period applicable on the product that is replaced or, respectively, in which they are installed.
5. The guarantee solely applies to products
  - a) that were used in accordance with the product and application specifications (product data sheets, catalogues or similar) and that were installed and put into operation in a professional manner by a licensed electro-enterprise;
  - b) were not subject to changes or repair in which we did not consent in writing;
  - c) the threshold limit value for external influencing factors of which, such as temperature and tension, were not exceeded and that were not exposed to mechanical stress that does not correspond to their designated use;
  - d) that were duly paid by the customer in accordance with the payment conditions agreed upon in the purchase contract;
  - e) that were exclusively equipped with lamps that correspond the IEC specifications applicable;
  - and
  - f) the servicing requirements of which were satisfied by a professional.
6. The guarantee does not apply to
  - a) all incidental costs in connection with the rectification of defects, such as for example costs for assembly and disassembly, transport of the defective and the repaired or, respectively, the new product, disposal, travel and travel time, lifting device, scaffolds, loss of earnings, penalties, expert's costs, proof of defects or, respectively, new start-up;
  - b) normal wear and tear as well as wear parts, such as for example all standard lamps and batteries; also fans in products with LED lamps, software errors, bugs or viruses;
  - c) surface coatings or, respectively plastic components made of, e.g. polycarbonate and PMMA, which discolour or become brittle due to the natural aging process;
  - d) intentional or negligent damage;
  - e) custom-made devices where we work based on the plans, drawings and specifications presented by the customer;
  - f) construction errors;
  - e) [sic.] adjustments or, respectively parameterization of facilities that change due to wear, fatigue or contamination;
  - f) [sic.] deviations of the product from illustrations or information provided in our catalogues or in other sales documents;
  - g) defects that are attributable to unforeseen and unforeseeable events, such as hazard and/or force majeure (including electrical discharges, lightning) and where a connection with defects during the production process of the product can be excluded;
  - and
  - h) electronic components or, respectively products that are distributed by planlicht as trade goods.
7. We shall be free to remedy the defect or to replace - in a freely chosen form - the product by the same or similar or to reduce or, respectively, reimburse the purchase price if it turns out after verification of the product which was notified to be subject to guarantee that it is affected by the alleged defects and that these are covered by the declaration of guarantee. The customer bears all incidental costs incurred due to the performance of the guarantee obligation, see in particular, but not exclusively point 6.a). The customer shall also bear the costs for new start-ups, software installations or software updates necessary in the course of the fulfilment of the guarantee obligation.
8. Final provisions
  - a) This guarantee shall only be applicable to products with a delivery date as of 01-09-2014.
  - b) We shall not assume any liability exceeding this guarantee. We are in particular not liable under this guarantee for any indirect damages, special or consequential damages, financial losses, including the loss of actual and expected profits, interests, income, expected savings or deals, damages to goodwill and damages of any kind whatsoever that were inflicted on third parties. Our contractual guarantee obligation shall however be not affected by this guarantee.
  - c) The liability resulting from this guarantee is limited to the purchase price of the products concerned. It is subsidiary to the liability out of any other legal title. An entitlement to claim any additional performance or payment or, respectively, any performance or payment actually increasing the damage sum cannot be deduced from this guarantee
  - d) The customer may only transfer the guarantee or, respectively, his rights thereof with our written consent. Third parties are not entitled to enforce one of the conditions contained in this guarantee.
  - e) Austrian law is applicable. The provisions of the UN Sales Convention are not applicable.
  - f) Place of jurisdiction for all disputes resulting from this guarantee declaration shall be Schwaz or Innsbruck, depending on the value of litigation.
  - g) In case that an individual provision of this guarantee declaration are or become invalid in parts or in whole, the validity of the remaining provisions shall not be affected thereby. The provision which is invalid in parts or in whole shall be replaced by a valid one that comes closest to the intention of the parties. Oral side agreements are invalid.





# Les Conditions de Garantie

La planlicht GmbH & Co KG, Fiecht Au 25, A-6130 Schwaz / Vomp accorde la garantie du fabricant suivante par voie de ses filiales de distribution respectives pour une durée de 66 mois sur les produits de planlicht:

Conformément aux conditions spécifiées ci-après, nous garantissons que les produits vendus sous la marque « planlicht » sont exempts de défauts de fabrication et de matériaux lors d'un usage adéquat pendant une période de garantie de 66 mois (5 ans et demi) comptée à partir de la date de la facture.

1. En premier, il convient de noter que dans la mesure où on parle par la suite de client, le terme « client » signifie revendeur commercial ou, respectivement, cocontractant de l'entreprise planlicht. Une condition préalable pour l'octroi de la garantie est l'enregistrement en ligne de l'installation respective (projet, bâtiment) au plus tard dans un délai de 66 jours à partir de la date de la facture respective sous [www.planlicht.com](http://www.planlicht.com) sous l'option de menu « garantie ». Par l'enregistrement respectif, le client confirme sa qualité de client d'entreprise; la production d'informations déficientes, inexactes ou trompeuses peut mener à la suppression de la garantie. Les informations minimales nécessaires lors de l'enregistrement de clients commerciaux contiennent, outre les coordonnées du client, en tout cas le numéro d'ordre ainsi que le lieu de l'installation des produits. Nous nous réservons le droit de demander de plus amples informations, si nécessaire.

2. En cas de garantie, le client est obligé de nous indiquer par écrit tous les défauts de fabrication et/ou de matériaux concernant tous les produits ou d'individuels produits enregistrés pour bénéficier de la garantie dans un délai de 6 jours à partir de leur constatation. Ensuite, un délai approprié devra nous être accordé afin de pouvoir vérifier les produits. Au cas où il serait nécessaire de nous renvoyer les produits concernés, les frais seront supportés par le client. Au cas où des doutes se feraient jour quant à l'existence des défauts allégués ou quant au fait que le défaut allégué soit dû à un défaut de fabrication et/ou de matériaux couvert par cette garantie, la charge de la preuve concernant l'existence du défaut et/ou le lien causal d'un défaut de fabrication et/ou de matériaux couvert par cette garantie incombe au client; celui-ci doit présenter les preuves correspondantes et supporter les coûts externes de la vérification (par exemple de l'expertise), indépendamment de son issue ou, respectivement, du résultat.

3. La garantie couvre les dysfonctionnements permanents de produits qui résultent de défauts essentiels de fabrication et/ou de matériaux dans la mesure où ils dépassent le taux de défaillance nominal. Le taux de défaillance nominal d'appareillages électroniques et de composants, comme par exemple de LED, est de 0,2%/1000 heures de fonctionnement, sauf indication contraire des spécifications de produits et d'application et sauf indications expresses contraires. De plus, une dépréciation du flux lumineux allant jusqu'à 1,0%/1000 heures de fonctionnement ainsi que le décalage des points lumineux tout au long de la durée de vie sont normaux au niveau des modules LED et ceci n'est pas couvert par la garantie.

Des déviations des caractéristiques d'éclairage peuvent se produire suite au progrès technologique et aux changements du flux lumineux liés à son exploitation par rapport au produit d'origine si le module LED est remplacé.

4. Cette garantie du fabricant est une garantie de pièces de rechange. Tous les produits de remplacement ou toutes les pièces de remplacement peuvent contenir de nouveaux matériaux ou des matériaux recyclés qui sont – comparés aux nouveaux produits ou aux nouvelles pièces – équivalents en ce qui concerne leur performance et leur fiabilité. En ce qui concerne le design ou les dimensions, le produit de remplacement peut dévier du produit d'origine. Nous garantissons que les produits de remplacement ou les pièces de remplacement sont exempts de défauts de fabrication ou de matériaux pendant la période de garantie restante applicable au produit qui est remplacé ou, respectivement, dans lequel ils/elles sont incorporé(e)s.

5. La garantie couvre seulement des produits

a) qui sont utilisés conformément aux spécifications du produit et de l'application (fiches techniques du produit, catalogues ou similaire) et qui ont été installés (et mises en service de manière professionnelle conformément aux instructions de montage par une entreprise concessionnaire d'électricité;

b) qui n'ont pas été modifiés ou réparés sans avoir obtenu par écrit notre consentement;

c) dont les valeurs limites pour les facteurs d'incidence externes, comme les températures et les tensions, n'ont pas été dépassées et qui n'ont pas été exposés à un stress mécanique d'une manière ne répondant pas à la conformité de l'emploi;

d) qui ont été dûment payés par le client et conformément aux conditions de paiement convenues dans le contrat de vente;

e) qui sont équipés exclusivement d'agents lumineux qui correspondent aux spécifications de la CEI applicables;

et

f) qui ont été entretenus d'une manière professionnelle

6. La garantie ne couvre pas

a) tous les coûts accessoires liés à l'élimination des défauts, comme par exemple les coûts du montage et du démontage, du transport du produit défectueux et du produit réparé ou, respectivement, du produit neuf, de la gestion de déchets, du trajet et de la durée du trajet, de l'appareil de levage, des échafaudages, de la perte de revenus, des pénalités, des frais d'expert, de la preuve de défauts ou, respectivement d'une nouvelle mise en service;

b) l'usure normale et la dégradation ainsi que les pièces d'usure, comme par exemple tous les agents lumineux standards et toutes les piles; de même pour les ventilateurs incorporés dans les produits avec des agents lumineux LED, des erreurs logicielles, des bugs ou des virus;

c) les revêtements de surface ou, respectivement, les pièces en matière plastique faits, par exemple, à partir de polycarbonate et PMMA, qui se décolorent ou se fragilisent en raison du processus de vieillissement naturel;

d) les endommagements intentionnels ou négligents;

e) les fabrications spéciales où nous travaillons sur la base des plans, des illustrations et des spécifications produits par le client;

f) les erreurs de construction;

g) [sic.] les réglages ou, respectivement, les paramétrages des installations qui changent suite à l'usure, la fatigue ou la pollution;

h) [sic.] les déviations du produit par rapport aux illustrations ou aux renseignements fournis dans nos catalogues ou dans d'autres de nos documents de vente;

i) les défauts qui résultent d'événements imprévus et imprévisibles, comme le hasard et/ou la force majeure (y compris des décharges électriques, des coups de foudre) et où on peut exclure qu'il n'existe aucun lien avec des défauts dans le processus de fabrication du produit; et

j) les composants électriques ou, respectivement, les produits qui sont distribués par planlicht en tant que marchandise.

7. Nous pouvons, à notre entière discrétion, éliminer le vice ou faire un remplacement – d'après notre choix – sous forme de produits identiques ou équivalents ou réduire le prix d'achat ou, respectivement, le rembourser au cas où il apparaît après vérification du produit notifié comme étant un cas de garantie que celui-ci présente les vices allégués et que ceux-ci sont couverts par la déclaration de garantie. Le client supporte tous les coûts accessoires résultant de l'octroi de garantie, voir notamment mais non exclusivement le point 6.a).

Les coûts liés aux nouvelles mises en service, installations de logiciels ou mises à jour de logiciels nécessaires au cours de la prestation de garantie sont supportés par le client.

8. Dispositions finales

a) Cette garantie ne s'applique qu'aux produits portant la date de livraison à partir du 01/09/2014.

b) Nous n'assurons aucune responsabilité en dehors de la garantie. En particulier, nous n'assurons aucune responsabilité selon cette garantie pour d'éventuels dommages indirects, des dommages spéciaux ou secondaires, des dommages pécuniaires, y compris les pertes de gains réels ou prévus, les intérêts, les revenus, les pertes d'économies ou de transactions prévues, les atteintes à la valeur commerciale et les dommages de quelque nature que ce soit subis par de tierces personnes. En plus de cette garantie, l'application de notre garantie contractuelle demeure inchangée.

c) La responsabilité à titre de cette garantie est limitée au prix d'achat des produits concernés. Elle est subsidiaire à une responsabilité pour d'autres motifs légaux. Un droit de recevoir des prestations ou des paiements supplémentaires ou, respectivement, qui augmentent le montant du préjudice ne peut pas être déduit de cette garantie.

d) Le client ne peut transférer la garantie ou, respectivement, ses droits y afférents qu'avec notre consentement par écrit. Les tierces personnes ne sont pas en droit de faire prévaloir des dispositions contenues dans cette garantie.

e) Le droit autrichien est applicable. Les dispositions de la Convention de l'ONU sur la vente internationale des marchandises n'est pas applicable.

f) Le for juridique pour tous les litiges résultant de cette déclaration de garantie est Schwaz ou Innsbruck selon la valeur en litige.

g) Au cas où une disposition individuelle de cette déclaration de garantie serait ou deviendrait nulle partiellement ou en totalité, la validité des autres dispositions n'en serait pas affectée. La disposition nulle partiellement ou en totalité est remplacée par une disposition valide qui se rapproche le plus possible de l'intention des parties. Les ententes parallèles par voie orale ne sont pas valables.



# Condizioni di Garanzia

planlicht GmbH & Co KG, Au 25, A-6134 Vomp concede mediante le sue succursali di vendita la seguente garanzia di produttore di 66 mesi per i prodotti di planlicht: Garantiamo secondo le condizioni specificate in dettaglio nel seguente che i prodotti venduto sotto il nome "planlicht" sono privi di difetti di fabbricazione e/o di materiale nel caso dell'uso previsto durante il periodo di garanzia di 66 mesi (5 ½ anni) dopo la data di fattura.

1. Inizialmente, parlando del cliente nel contesto seguente, il "cliente" è considerato un commerciante professionale e parte contraente della ditta planlicht. La condizione della concessione di garanzia è la registrazione online dell'installazione rispettiva (progetto, edificio) al massimo 66 giorni dopo la data di fattura, registrato su "Garantie/Garanzia" su [www.planlicht.com](http://www.planlicht.com). Con la registrazione rispettiva il cliente conferma essendo cliente commerciale; un'annullazione della garanzia potrebbe risultare da dati falsi o ingannevoli. I dati obbligatori per la registrazione sono i dati di contatto del cliente, il numero dell'ordine come anche il luogo dell'installazione del prodotto. Ci riserviamo il diritto di domandare altre informazioni, se necessario.

2. Nel caso in cui abbia un caso di garanzia, il cliente è obbligato di informarci per iscritto entro 6 giorni dopo constatare il difetto che singoli o tutti i prodotti registrato per la garanzia mostrano difetti di fabbricazione e/o materiale. Poi abbiamo il diritto di un termine adeguato ad esaminare i prodotti. Se la spedizione di ritorno sarebbe necessaria, le spese e i costi della spedizione dei prodotti è a carico del cliente. Nel caso di dubbi della presenza del difetto dichiarato o del fatto che il difetto sia stato causato da un difetto di fabbricazione o materiale per lo cui applica la garanzia, il cliente ha l'onere della prova del difetto presentato e/o la causalità del difetto a lo cui applicano le condizioni di garanzia; esse deve presentare prova adeguata e deve compensare i costi per una esame esterna (p.e. perizia), indipendentemente dall'esito o dal risultato.

3. La garanzia applica per malfunzionamento costante di prodotti che risulta essenzialmente da errori di fabbricazione e/o materiale, nel caso in cui siano sopra la quota di guasto nominativa. La quota di guasto nominativa di apparecchi elettrici ed elementi costruttivi come i LED ammonta a 0,2%/1000 ore di funzionamento, se non c'è menzionato niente di contrario nel disciplinare di prodotto o nelle istruzioni d'uso e se è indicato esplicitamente un valore diverso. Inoltre, per i moduli LED è considerato normale una perdita di flusso luminoso di fino a 1%/1000 ore di funzionamento come anche uno spostamento del punto del colore di luce durante il tempo di funzionamento e non sono oggetti della garanzia. A causa del progresso tecnico e del cambiamento del flusso luminoso a causa dell'utilizzazione possono sorgere deviazioni delle caratteristiche della luce in confronto al prodotto originale quando moduli LED sono sostituiti.

4. Questa garanzia del produttore è una garanzia delle parti di ricambio. Tutti i prodotti o le parti di ricambio possono contenere materiali nuovi o riciclati che sono, in confronto a prodotti o parti nuovi, equivalenti che riguarda la potenza e l'affidabilità. In quanto al disegno o le dimensioni dal prodotto di ricambio possono avvenire deviazioni dal prodotto originale. Garantiamo che i prodotti e le parti di ricambio non mostrano nessun difetto di fabbricazione e/o materiale per il resto del periodo di garanzia del prodotto lo cui sostituiscono, rispettivamente per lo cui vengono installati.

5. La garanzia applica solamente ai prodotti

a) che vengono utilizzati secondo le specificazioni di prodotto e utilizzazione (scheda tecnica del prodotto, cataloghi o simili) e che sono stati installati e messo in azione da esperti di un'impresa elettrica con la concessione secondo il manuale d'installazione;

b) a lo cui nessun cambiamento o riparazione è stato effettuato per lo cui non abbiamo dato la nostra conferma scritta;

c) dei quali valori limite per fattori esterni, come p.e. temperature e tensioni, non sono stati oltrepassati e che non sono stati esposti a carichi meccanici inadeguati;

d) i cui sono stati pagati dal cliente conforme all'ordine e corrispondente alle condizioni di pagamento concordate nel contratto d'acquisto;

e) che sono stati arredati con lampadine per le cui applicano le specificazioni vigenti della IEC (Commissione elettrotecnica internazionale) e

f) i cui esigenze di manutenzione sono state in modo professionale e/o da un esperto.

6. La garanzia non applica a

a) tutte le spese addizionali causate in relazione per porre rimedio dei difetti, come p.e. il montaggio e smontaggio, il trasporto del prodotto difettoso e riparato o del prodotto nuovo, lo smaltimento, il viaggio e il periodo di viaggio di andata e ritorno, apparecchi di sollevamento, l'impalcato, il mancato guadagno, penali, spese per periti, l'attestazione di difetti e la messa in azione nuova;

b) l'usura normale ed il logorio di pezzi soggetti all'usura, come per esempio tutte le lampadine standard e le batterie; altrettanto ventilatori in prodotti con lampadine LED, difetti software, bugs o virus;

c) la verniciatura e parti di plastica di p.e. policarbonato e PMMA, lo cui si possono scolorire od occorre un infragilimento a causa al processo di invecchiamento naturale;

d) danneggiamento premeditato o colposo;

e) costruzioni speciali, gli cui fabbrichiamo secondo i piani, disegni e specificazioni forniti dal cliente;

f) difetti di costruzione;

g) il settaggio o la parametrizzazione dell'impianto che può cambiare a causa dell'usura, fatica o imbrattamento;

h) deviazioni del prodotto dall'illustrazione e dalle specificazioni nel nostro catalogo o altri documenti di vendita;

i) difetti che originano di eventi impreveduto o imprevedibile, come caso fortuito e/o forza maggiore (incluso la scarica elettrica, fulmine) e per gli cui una relazione con un difetto nel processo di produzione possono essere escluso; e

j) componenti elettrici o prodotti che sono venduti da planlicht come parti di commercio.

7. Siamo liberi di porre rimedio ai difetti o di fornire una sostituzione in forma di scelta nostra di prodotti uguali o equivalente o di ridurre o restituire il prezzo d'acquisto, se dopo la esame di un caso di garanzia di cui siamo stati notificati che il difetto dichiarato è verificato e a cui applicano le presenti condizioni di garanzia. Tutte le spese e costi in relazione con la garanzia sono a carico del cliente, in particolare, ma non esclusivamente articolo 6.a).

Anche le spese per una messa in azione nuova, installazioni di software o update di software in relazione con i servizi di garanzia sono a carico del cliente.

8. Condizioni finali

a) Questa garanzia applica solamente per prodotti con data di consegna dopo il 01.09.2014.

b) Non ci assumiamo nessuna responsabilità oltre alla garanzia presente. In particolare, nell'ambito dell'applicazione della garanzia presente non assumiamo responsabilità per danni indiretti, speciali o conseguenti, danni economici che includono la perdita d'utile reale o previsto, interessi, guadagni, risparmi previsti o contratti, danni del valore dell'azienda commerciale, danni di ogni tipo che sono risultati a terzi. Oltre a questa garanzia però la nostra garanzia di qualità contrattuale resta valida inalterata.

c) La responsabilità che deriva da questa garanzia è limitata al prezzo d'acquisto del prodotto oggetto della garanzia. Essa è sussidiaria alla responsabilità derivante da altri motivi giuridici. Il diritto a servizi o pagamenti addizionali o che aumenterebbero la somma di danni reale non può derivato da questa garanzia.

d) Il cliente può trasferire la garanzia e i diritti a terzi solo con una conferma scritta da parte nostra. Terzi non hanno il diritto di applicare le condizioni della garanzia presente in qualsiasi forma.

e) Si applica il legge austriaco. Le condizioni della convenzione delle Nazioni Uniti sui contratti di compravendita non vengono applicati.

f) Foro competente per ogni e qualsiasi casi che risultano da questa dichiarazione di garanzia è Schwaz od Innsbruck, dipendente dal valore del litio.

g) Nel caso in cui alcune condizioni di questa dichiarazione di garanzia siano o diventino invalide o parzialmente invalide, la validità delle altre condizioni rimane intatta. Le condizioni invalide o parzialmente invalide vengono restituite di condizioni valide che si avvicina il più possibile all'interesse della parte. Accordi accessori verbali non sono validi.





Verfügbare Standardkonfiguration, Details zur Artikelnummernlogik finden sie hinten im Katalog. Keine passende Produktvariante gefunden? Treten Sie bitte mit uns in Kontakt!

Available standard configuration, details of the logic behind the item numbers you will find at the end of the catalogue. Unable to find a suitable product version? Then simply get in touch with us!

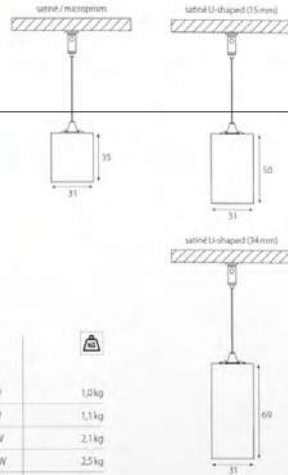
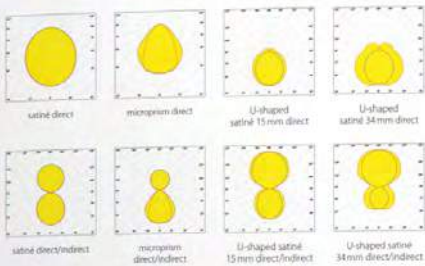
Neben den Basics an technischen Daten finden Sie alle relevanten Daten, wie Ausschreibungstexte mit und ohne Leitfabrikat, EPREL, Anzahl DALI-Adressen, Info Stk./%-Auslastung je Leistungsschutzautomat, Montage- und Demontageanleitungen u.v.m. zu Standardartikeln und Artikel-Konfigurationen im Online-Webkatalog.

In addition to the basic technical specifications, you will find all relevant data, such as tender texts with and without a leading product, EPREL, number of DALI addresses, info on pieces/% utilisation per circuit breaker, mounting and disassembly instructions and much more for standard items and item configurations in the online web catalogue.

Exemplarischer Artikel - benötigen Sie Hilfe, kontaktieren Sie uns bitte!

Illustrative item – if you need help, please contact us!

P.THIRTY



LUMINOUS FLUX (LM) / SYSTEM POWER (W), CRI > 90

	direct		direct/indirect		Weight
	low output	high output	low output	high output	
4000K satiné					
1187 mm	1629 lm / 14.5 W	2327 lm / 21 W	3060 lm / 25 W	4343 lm / 36 W	1,0 kg
1437 mm	2002 lm / 17 W	2862 lm / 25 W	3913 lm / 31 W	5556 lm / 44 W	1,1 kg
2899 mm	3989 lm / 34 W	5711 lm / 50 W	8143 lm / 63 W	11572 lm / 91 W	2,1 kg
3531 mm	4858 lm / 43 W	6957 lm / 62 W	9976 lm / 77 W	14178 lm / 112 W	2,5 kg
4341 mm	5974 lm / 51 W	8559 lm / 74 W	12217 lm / 95 W	17370 lm / 137 W	3,1 kg

COMPARE COVER 1457 MM, 4000 K, CRI > 90

	2002 lm	2862 lm	3913 lm	5556 lm
satiné				
microprism*	2065 lm	2953 lm	3976 lm	5647 lm
U-shaped satiné (15 mm)	2109 lm	3023 lm	4020 lm	5717 lm
U-shaped satiné (34 mm)	2219 lm	3181 lm	4130 lm	5875 lm

\*Die angegebenen Lichtstrom bezieht sich auf die Leuchte mit klarer mikroprismatischer Abdeckung. Die Leuchte wird mit satinierte Folie zur Erhöhung der Homogenität geliefert (Direkt strahlend -13,9%, direkt/indirekt strahlend -6,9% Lichtstrom). Die angegebenen Lichtstromwerte (lm) beziehen sich auf Leuchten mit einem weißen Gehäuse (RAL 9016). Je nach Gehäusefarbe und Länge reduzieren sich diese entsprechend (Bezieht sich nur auf U-förmige Abdeckungen). The indicated luminous flux corresponds to the luminaire with a clear microprismatic diffuser. The luminaire is delivered with a satined foil for increased homogeneity (direct -13.9%, direct/indirect -6.9% luminous flux). All figures of luminous flux (lm) are for fixtures with white housing (RAL 9016). Depending on the housing colour and length, the luminous flux is reduced accordingly. This only applies to U-shaped optics. Le flux lumineux indiqué correspond au luminaire avec diffuseur microprismatique transparent. Le luminaire est livré avec un film satiné pour optimiser l'homogénéité (direct -13,9 %, direct/indirect -6,9 % sur le flux lumineux). Les valeurs de flux lumineux (lm) indiquées s'appliquent aux luminaires à corps blanc (RAL 9016). En fonction de la couleur du corps et de la longueur, celles-ci sont réduites en conséquence (se référer uniquement aux caches en U). Il stesso luminoso indicato corrisponde all'apparecchio con diffusore microprismatico trasparente. La lampada arriva con una pellicola satinata per ottimizzare l'omogeneità luminosa (-13,9% diretto/indiretto: -6,9% luminoso). I valori indicati di flusso luminoso (lm) si riferiscono a lampade con alloggiamento bianco (RAL 9016). A seconda della lunghezza e del colore scelto per l'alloggiamento, tali valori possono ridursi (esclusivamente in caso di coperture a U).

Lichtverteilungsgraphen je Lichtlenkung, Eulumdats finden Sie im Online-Webkatalog je Artikel, als Familien-Zip oder via DIALux PlugIn/Leuchtenkatalog! Direkt/indirekt-Leuchten sind standardmäßig immer ein Schalt- bzw. Dimmkreis, kontaktieren Sie uns gerne bei individuellen Anforderungen.

Light distribution graphs for each light control, EULUMDATs for each item can be found in the online web catalogue, as a family zip or via DIALux plugIn/luminaire catalogue. Direct/indirect luminaires always have a switching/dimming circuit as standard, please get in touch with us to discuss individual requirements.

Überblicks-Matrix je Lichtlenkung bzw. Lichtoptik in einer exemplarischen Farbtemperatur bzw. Leuchtenlänge, alle Artikel unterliegen einer kontinuierlichen technischen Verbesserung, exakte Angaben je Artikelausprägung finden Sie im Online-Webkatalog bzw. auf PLANLICHT-Verkaufsbelegen und Datenblättern. Leistung, Lichtstrom und Farbtemperatur unterliegen durch den Einsatz von elektronischen Bauteilen produktionsbedingten Toleranzen. Toleranzen Leistung und Lichtstrom: +/- 10%. Toleranz Farbtemperatur: +/- 150 K. Lichtstrom dynamisch weiss bei 2700K.

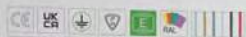
Overview matrix for each light control or light optic in an illustrative colour temperature or luminaire length, all items are subject to continuous technical improvement, exact details for each item feature can be found in the online web catalogue or in PLANLICHT sales documents and data sheets. The power output, luminous flux and colour temperature can be slightly different due to specific electronic components used in the manufacturing process. The power output and luminous flux can differ by +/- 10%. The colour temperature can differ by +/- 150 K. Luminous flux dynamic white at 2700K.

P.THIRTY PROFILE SYSTEM



Seitenverweis auf Leuchtenfamilie, Zubehör oder Systemkomponenten

Page reference to luminaire family, accessories or system components



230V | up to 180/90.000h | up to 136lm/W | up to 4234lm/m | EC 62471: Blue light hazard RG 0 | MacAdam 3 | DALI push switch DIM

Piktogrammleiste, angeführte Ausprägungen betreffen zu mindestens einen aber nicht zwingend alle Artikel der jeweiligen Leuchtenfamilie, Picto-Legende finden Sie hinten im Katalog.

Pictogram bar, listed features relate to at least one but not necessarily all items of the respective luminaire family, pictogram key you will find at the end of the catalogue.

Technische Kennzahlen, angeführte Werte betreffen zu mindestens einen aber nicht zwingend alle Artikel der jeweiligen Leuchtenfamilie, exakte Angaben je Artikel finden Sie im Online-Webkatalog bzw. in PLANLICHT-Verkaufsbelegen und Datenblättern.

Key technical specifications, listed values relate to at least one but not necessarily all items of the respective luminaire family, exact details for each item can be found in the online web catalogue or in PLANLICHT sales documents and data sheets.

## WICHTIGE HINWEISE

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\* Leistung, Lichtstrom und Farbtemperatur unterliegen durch den Einsatz von elektronischen Bauteilen produktionsbedingten Toleranzen.  
Toleranzen Leistung und Lichtstrom: +/- 10%. Toleranz Farbtemperatur: +/- 150 K. Lichtstrom dynamisch weiss bei 2700 K.

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\* The power output, luminous flux and colour temperature can be slightly different due to specific electronic components used in the manufacturing process. The power output and luminous flux can differ by +/- 10%. The colour temperature can differ by +/- 150 K. Luminous flux dynamic white at 2700 K.

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\* La puissance, le flux lumineux et la température de couleur peuvent légèrement différer en raison de l'utilisation de composants électroniques spécifiques dans le processus de production. La puissance et le flux lumineux peuvent différer de +/- 10 %. La température de couleur peut différer de +/- 150 K. Flux lumineux blanc dynamique à 2700 K.

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\* La Potenza, il flusso Luminoso e la temperatura colore possono essere leggermente diversi a causa delle componenti elettroniche usate nel processo di produzione. La potenza e il flusso possono variare del +/- 10%. La temperatura colore di +/- 150K. Flusso luminoso bianco dinamico a 2700K.



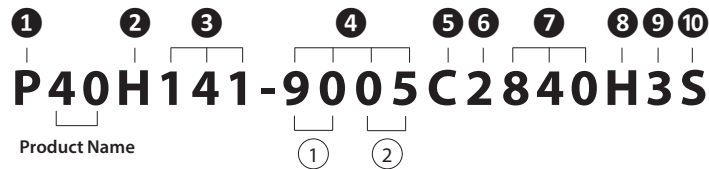
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## ITEM NUMBERS



### 1 LUMINAIRE VERSION

P = Profile Luminaire  
 F = Area Luminaire  
 R = Ring Luminaire  
 S = Spotlight  
 T = Office Luminaire

### 2 TYPE OF INSTALLATION

A = Surface-mount Luminaire  
 H = Pendant Luminaire  
 Z = Centralized pendant suspension  
 W = Wall Luminaire  
 E = Recessed Luminaire  
 F = Framemless Recessed Luminaire  
 S = 3-Phase Track Spotlight  
 T = Floor Lamp  
 Y = Pendant bundled central suspension

### 3 SIZE, DIMENSION

### 4 HOUSING COLOUR

9016 = white RAL 9016  
 9005 = black RAL 9005  
 9006 = silver RAL 9006  
 WSW = white  
 SWSW = black  
 SISI = silver

### 5 INGRESS PROTECTION

C = IP20  
 E = IP40  
 F = IP50  
 P = IP44  
 Q = IP54

### 6 FIXTURE TYPE, LIGHT DISTRIBUTION

1 = direct / 1 Spot  
 2 = direct / indirect / 2 Spots  
 3 = 3 Spots

### 1 ACOUSTIC MODULE

QA = QUIET.FELT standard anthracite melange  
 QP = QUIET.FELT standard pebble  
 QL = QUIET.FELT standard lime  
 QB = QUIET.FELT extra + black  
 QF = QUIET.FELT extra + fire  
 QG = QUIET.FELT extra + light grey melange  
 QC = QUIET.FELT extra + chocolate  
 QM = Organoid® Mous  
 QW = Organoid® Wollä  
 QH = Organoid® Wildspitze

### 7 LIGHT SOURCE

827/830/840/927/930/935/940 = LED  
 HCL = Dynamic White  
 BAC = Bakery goods  
 FLE = Meat  
 WUR = Sausage products  
 FIS = Fish  
 FRU = Fruits & Vegetables  
 FAS = Fashion

### 8 LIGHT POWER

L = Low Output  
 M = Medium Output  
 H = High Output  
 V = Very high Output  
 E = Extra High Output  
 X = without notice

### 2 HOUSING COLOUR

WS = white RAL 9019  
 SW = black RAL 9005  
 SI = silver RAL 9006


































### 9 DIMMING TYPE

1 = no dimming, on/off  
 3 = DALI-dimmable direct / indirect share  
 7 = sensor control (Stand alone)  
 P = Stucchi onetrack / GLOBAL track pulse DALI

### 10 EMISSION CHARACTERISTICS, COVERS, LOUVRES

S = Satined	B = BAP Louvre high-gloss silver	D = BAP Louvre glaring gold	3 = 30°-39°
M = Microprismatic	P = BAP Louvre silver matte	R = BAP Louvre capital copper	4 = 40°-49°
E = Microprismatic extra comfort	G = BAP Louvre high-gloss gold	Y = BAP Louvre gunnery grey	5 = 50°-59°
A = Asymmetric	K = BAP Louvre high-gloss copper	C = BAP Louvre black chrome matte	6 = 60°-69°
U = U-Cover 15 mm	W = BAP Louvre white (RAL 9016)	1 = 10°-19°	7 = 70°-79°
Q = U-Cover 34 mm	N = BAP Louvre black (RAL 9005)	2 = 20°-29°	
L = Lens			

## PICTOGRAMS

	Dynamic white (HCL)
	Standard RAL optional, special RAL on request
	RGBW version available
	Model compatible with emergency light attachment
	CE marking
	UKCA marking
	Electronic transformer/converter included
	Electronic transformer/converter not included
	DALI Device Type 8
	LED light source
	Light source not included
	Protection class I
	Protection class II
	Protection class III
	Ingress Protection
	Surface mounted on ceiling
	Surface mounted on ceiling or wall
	Pendant
	Wall mounted
	Recessed in wall
	LED illuminant Gu5,3
	Recessed
	Recessed in ceiling or wall
	Indoor
	Beam angle
	Tilt (swivelling)
	Pan (rotatable)
	
	Minimum distance to illuminated surface
	Glow wire test
	Sensor
	Product family optionally available in a ball-proof version
	Various cable-colours and canopy-shapes on demand

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