

# **Lighting Collection**

Edition 2019/20

**RIBAG**



“Simplicity is the ultimate form  
of sophistication.”

Leonardo da Vinci



# Editorial

## Light for new spacial experiences

### Licht für neue Raumerlebnisse

Wie das Leben selbst, unterliegt auch die Art, wie wir Räume durch Licht erlebbar machen, einem stetigen Wandel. Einem Wandel von Bedürfnissen und Ansprüchen. Eines jedoch bleibt beständig: Wir wollen uns in Räumen aufzuhalten, in welchen wir uns wohlfühlen. Hier verweilen, geniessen oder arbeiten wir. Voraussetzung dafür sind Lichtlösungen, die unsere Tätigkeiten optimal unterstützen und zur Kultivierung von Räumen beitragen. So, wie es unsere Leuchten und Lichtsysteme dank Innovation, Qualität und hohem Design-anspruch seit über 20 Jahren zum Ausdruck bringen. Diese Grundwerte sind die Basis unseres langjährigen Erfolges. Sie sind der Ansporn, Bestehendes zu hinterfragen, Neues zu entwickeln sowie technische und formale Grenzen stetig zu überwinden.

Begleiten Sie uns auf eine kultivierte Lichtreise.



Andreas Richner  
CEO

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# cultivated

## Light – People – Space

### Licht – Mensch – Raum

Fokus unserer Arbeit ist der Mensch mit seinen Bedürfnissen. Für ihn machen wir Räume zum Erlebnis und erarbeiten massgeschneiderte Lichtlösungen, die für optimalen Sehkomfort sorgen. Dabei formen wir das Licht nach benötigter Funktion.

Und weil Licht die Qualitäten von Architektur sichtbar macht, Räume zum Leben erweckt und Materialien in ihren schönsten Ausprägungen zeigt, kreieren wir Leuchten und Lichtsysteme mit zurückhaltendem Design. Diese lassen der Architektur und dem Interior Design stets den Vortritt.

In unserem zweimal jährlich erscheinenden Magazin «cultivated», gehen wir in Zusammenarbeit mit Künstlern und Kulturschaffenden der tieferen Bedeutung von Licht nach. Die daraus resultierenden künstlerischen Inszenierungen und Kooperationen stellen wir mit jeder neuen Magazinausgabe auch auf unserer Website vor.

People and their needs are the centre of our work. For them, we make spaces experiential and develop customised lighting solutions that provide optimal visual comfort. To do so, we shape the light according to the function required. And because light makes the qualities of the architecture visible, brings rooms to life, and displays materials in their most beautiful form, we create lamps and lighting systems with subtle design. They let architecture and interior design take the lead.

In our “cultivated” magazine, published twice a year, we work together with artists and cultural workers to investigate the deeper meaning of light. The resulting artistic productions and collaborations are presented with every new magazine issue and on our website.

“The passion for light drives us to inspire people and cultivate spaces.”



# Innovation

Jahr für Jahr forschen wir an innovativen Lichttechniken und entwerfen neue Produktkonzepte. Das liegt in der Natur unserer Kreativität und an unserem einzigartigen Entwicklergeist. Bei uns folgt eine gute Idee keinem kurzweiligen Trend und wird stets sorgfältig zu Ende gedacht. Mit grosser Achtsamkeit arbeiten wir an zukunftsweisenden Lichtwerkzeugen. Zur Förderung des Austausches von Know-How und Strategien, beteiligen wir uns aktiv an der interdisziplinären Zusammenarbeit mit Hochschulen und Universitäten.

Year after year, we research innovative lighting technologies and develop new product concepts. This is part of our creative nature and our unique spirit of development. For us, a good idea doesn't follow short-lived trends and is always well thought out. We work with great attention to future-orientated lighting tools. We are actively involved in interdisciplinary collaboration with colleges and universities to further the exchange of knowledge and strategies.

“A passion  
for the aesthetics  
of lighting.”



# Quality

Unser Bekenntnis zur Qualität widerspiegelt sich in den verwendeten Materialien, dem hohen Anspruch an unsere Designs sowie in der Liebe zum Detail, mit der wir den gesamten Prozess von der Idee bis zur Produktion begleiten. Aus der Zusammenarbeit mit führenden internationalen Dienstleistern und Kooperationspartnern resultieren gegenseitige Höchstleistungen. Darum gibt es bei unseren Produkten keine Kompromisse in Bezug auf Qualität, Funktionalität und Service.

Our commitment to quality is reflected in the materials used, the high standards placed on our designs, and the attention to detail throughout the entire process, from the idea to production. Collaboration with leading international suppliers and partners results in maximum performance on both sides. That is why we make no compromises in quality, functionality, and service in our products.

“Perfect to the most minor detail.”

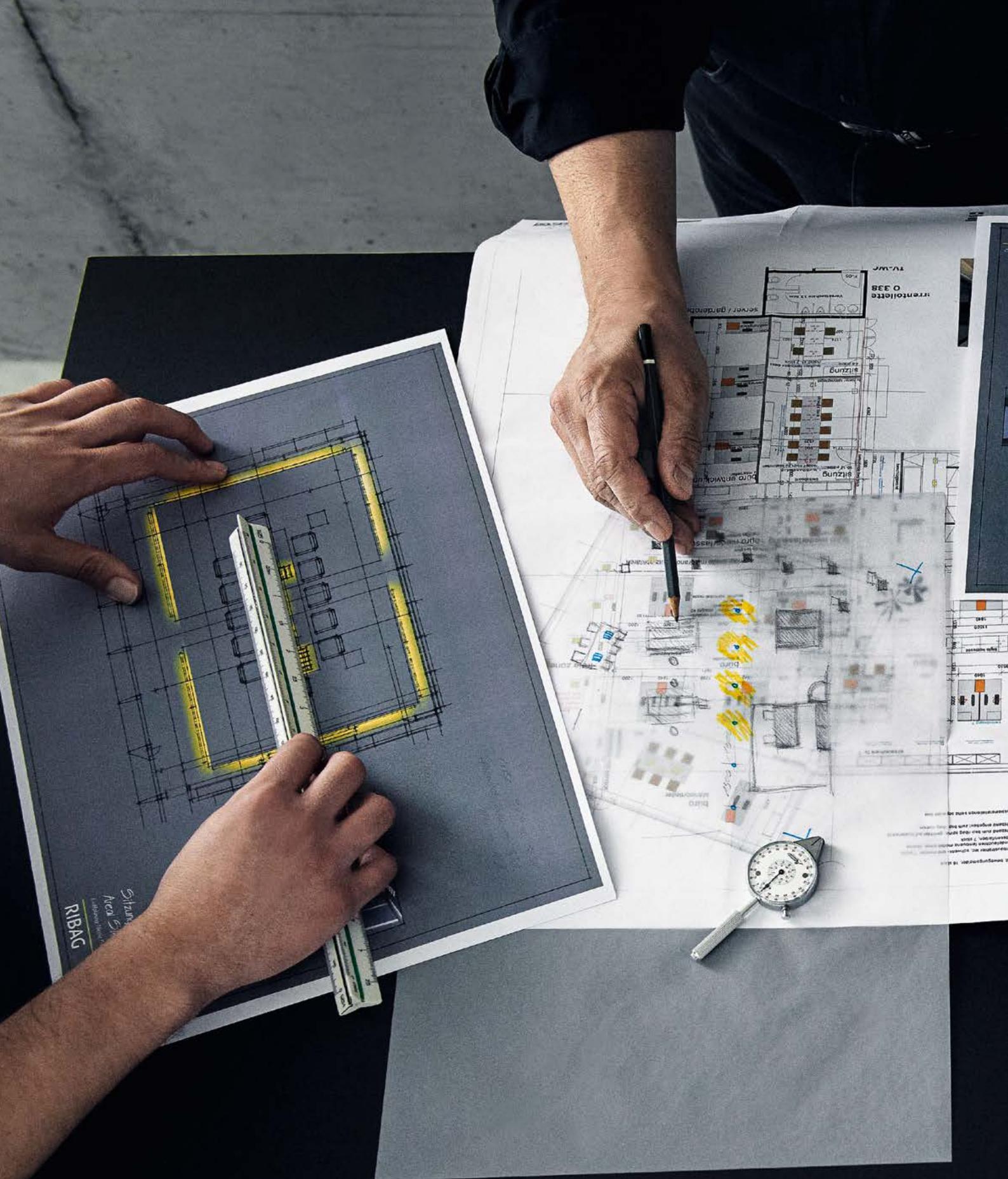


# Design

Leidenschaft ist unser kreativer Brennstoff. Ob der Funke aus der Natur oder der Architektur überspringt, oder eine Inspiration schlicht aus dem Bauch heraus entsteht. Ob es um die Weiterentwicklung eines bestehenden Produktes oder den Einsatz der neuesten Technologien geht. Die Gestaltung einer Leuchte harmoniert stets mit ihrer Funktion und charakterisiert ihren Verwendungszweck. Mit individualisierten Lichtlösungen schaffen wir gestalterische Differenzierungen. Ganz nach den spezifischen Anforderungen eines Projektes werden die Eigenschaften unserer Leuchten auf Nutzer und Räume abgestimmt – hinsichtlich Farbe, Materialisierung, Dimensionierung und Funktionalität.

Passion is our creative fuel. Whether the spark comes from nature or architecture, or simply from the gut. Whether it's the development of an existing product or use of the latest technologies. A lamp's design always harmonises with its function and characterises its purpose. We make creative distinctions with individualised lighting solutions. Our lamps are matched to the user and rooms according to a project's specific requirements – in terms of colour, materialisation, dimensioning, and functionality.

“A timeless design takes time.”



# Lighting design

Die Zusammenarbeit von Design, Entwicklung und Lichtplanung ist unsere Stärke. Wir setzen uns mit Herzblut hinter die Konzeption und begleiten Sie während der gesamten Projektrealisierung. Dabei unterstützen wir Sie in allen lichttechnischen Fragestellungen und bieten Ihnen, unter Berücksichtigung von gestalterischen, technischen und ökonomischen Aspekten, eine massgeschneiderte Lichtlösung.

Als Experten für Lichttechnik stellen wir Planern unseren gesamten Erfahrungsschatz zur Verfügung. Um den Zugang zu Datenmaterial optimal zu gestalten, sind sämtliche Unterlagen in übersichtlicher Form im Downloadbereich unserer Website verfügbar.

The interworking of design, development, and lighting design is our strength. We are deeply committed to the conceptualisation and accompany you the entire way during project realisation. In doing so, we support you with any questions regarding lighting technology and offer you a tailor-made lighting solution bearing design, technical, and economic elements in mind.

As experts in lighting technology, we provide planners with our entire wealth of experience. In order to best provide access to data, all documents are available in a clear form in the download area of our website.

“We give your light good form.”



# Service

Geniessen Sie Service aus erster Hand:  
Unser Expertenteam steht Ihnen  
von der Beratung bis zur Umsetzung mit  
erstklassiger und kompetenter  
Unterstützung zur Seite.

Weil Zufriedenheit unsere oberste  
Priorität ist, werden unsere leistungs-  
fähigen, langlebigen und qualitativ  
hochwertigen Produkte innerhalb  
von einer Arbeitswoche geliefert und mit  
5-jähriger Produktgarantie versehen.

Profitieren Sie von bestmöglicher Bestell-  
flexibilität in unserem Online-Shop:  
Sie können Ihre Bestellungen rund um die  
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Enjoy service at first hand: Our team  
of experts is by your side with first-class,  
competent support from consultation  
through to implementation.

Because satisfaction is our top  
priority, our efficient, long-lasting, and  
high-quality products are delivered  
within one working week and include a  
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Take advantage of maximum flexibility  
by ordering in our online shop.  
You can order at any time and receive  
attractive offers and additional  
services.

“Services that will  
win you over.”



NEW

# VIOR

24 Inspiration  
196 Product



NEW  
SHADES

# ARVA Draft & Craft

32 Inspiration  
130 Product

NEW  
COLOUR



# AROA

38 Inspiration  
118 Product

# ARVA AC

Netzspannungsleuchten mit  
Linsentechnik – Plug & Play mit der  
bestehenden Hausinstallation

ARVA voltage lamps with lens  
technology – Plug & Play with the  
existing house installation

NEW

129 Product



# METRON

Office Black – die neue Farbvariante  
für den eleganten Büroauftritt.

Office Black – the new colour option  
for an elegant office experience.

152 Product



# MESH

Pure Black – das besondere  
Highlight im Büro. Ideal kombinierbar  
mit Ihrer Inneneinrichtung.

Pure Black – the special highlight  
in the office. Perfectly matching with  
your interior design.

144 Product



# VIOR

RIBAG Design Studio

VIOR ist die universelle Lichtlösung, die revolutionäre Lichttechnik mit einzigartigem Design und herausragender Qualität verbindet. Mit nur einer Punktlichtquelle kombiniert sie durch ausgeklügelte Lichtlenkungstechnik brillantes Direktlicht, mit decken-aufhellendem Indirektlicht – für eine besonders wohltuende und einzigartige Atmosphäre. Die kompakte, sinnliche Form fügt sich zeitlos in jede Innenarchitektur ein.

VIOR is the universal lighting solution that combines revolutionary lighting technology with unique design and exceptional quality. Using sophisticated light control technology with just one point light source, it combines brilliant direct light with ceiling-brightening indirect light for a particularly pleasant, unique atmosphere. The compact, sensual form can be integrated into any interior design.

[ribag.com/vior](http://ribag.com/vior)





▲ VIOR Deckenleuchten, Seite 196  
VIOR ceiling lamps, page 196



▲ VIOR Deckenleuchten, Seite 196  
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► VIOR Deckenleuchten, Seite 196  
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◀ VIOR Deckenleuchten,  
Seite 196  
VIOR ceiling lamps,  
page 196

# VIOR

Pure light experience.

VIOR steht für eine universelle Lichtlösung mit einzigartiger Raumwirkung. Das brillante Direktlicht sorgt mit hervorragender Lichtqualität und hoher Farbwiedergabe (CRI 95) für glasklare Ausleuchtung. In Kombination mit dem deckenaufhellenden Indirektlicht sorgt die Leuchte für eine besonders angenehme Atmosphäre. Erhältlich als Hochvolt-Variante für den direkten Anschluss an die bestehende 230 V Hausinstallation.

VIOR stands for a universal lighting solution with a unique spacial effect. With exceptional lighting quality and high colour rendering (CRI 95), the brilliant direct light provides crystal clear illumination. Combined with ceiling-brightening indirect light, the lamp creates an especially comfortable atmosphere. Available in a high-voltage version for direct connection to the existing 230 V home system.

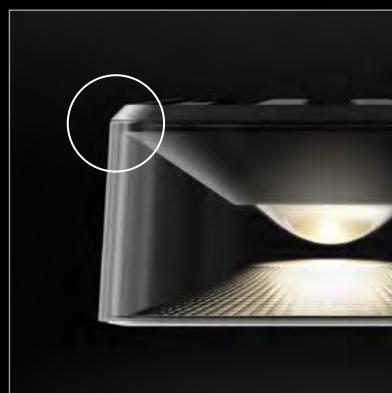
Ausgeklügelte Lichtlenkungstechnik mit Mikrofacetten-Reflektor  
Sophisticated lighting control technology with microfacet reflector

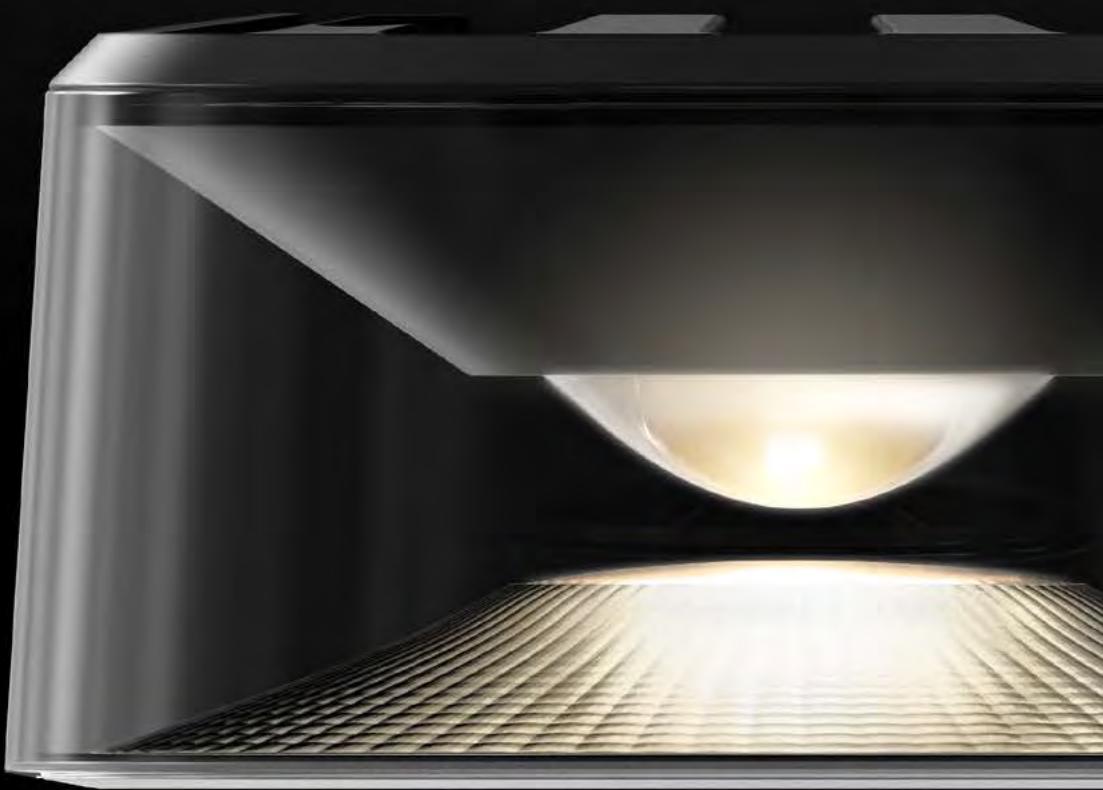


Wählbare Ausstrahlungswinkel  
von 40°, 50° oder 60°

Selectable beam angle  
of 40°, 50° or 60°

Besonders präzise Verarbeitung  
Exquisite workmanship





# ARVA

## Draft & Craft

RIBAG Design Studio

Die neue ARVA Draft & Craft Collection kombiniert die ARVA mit Linsenoptik mit einer individuellen und nach Wunsch austauschbaren Holz- oder Lederblende. Zur Auswahl stehen die Ledervarianten «Rancho Terra» und «Velluto Lava» sowie die Holzarten Eiche und Schwarznuss. Die in Kooperation mit Intertime und Girsberger realisierte, handverarbeitete Collection, bietet vielseitige Lichtlösungen und lässt sich optimal mit der Architektur und dem individuellen Interior Design abstimmen.

The new ARVA Draft & Craft Collection combines the ARVA with lens optics with an individual and interchangeable wood or leather shade. The leather variants “Rancho Terra” and “Velluto Lava” are selectable as well as the wood types oak and black walnut. The handcrafted collection, realised in cooperation with Intertime and Girsberger, offers versatile lighting solutions and harmonizes perfectly with the architecture and the individual interior design.

[ribag.com/arva](http://ribag.com/arva)

In cooperation with:

**Intertime**  
Switzerland

**girsberger**



▲ ARVA Draft & Craft Pendelleuchten mit Linsenoptik und Wechselblenden Rancho Terra mit Ziernaht, Seite 130  
ARVA Draft & Craft pendant lamps with lens optics and interchangeable shades Rancho Terra with decorative stitching, page 130





▲ ARVA Draft & Craft Pendelleuchte  
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ARVA Draft & Craft pendant lamp  
with lens optics and interchangeable shades oak,  
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◀ ARVA Draft & Craft Pendelleuchten  
mit Linsenoptik und Wechselblenden Eiche,  
Seite 130

ARVA Draft & Craft pendant lamps  
with lens optics and interchangeable shades oak,  
page 130

## **ARVA Draft & Craft**

Individually harmonised to the interior design.

Während die hochwertige Linsentechnik für hervorragende Lichtqualität sorgt, bringen die wählbaren Blenden-Materialisierungen in edlem Massivholz oder Naturleder die individuelle Note mit sich. Der werkzeuglose Blendenwechsel sorgt dabei für maximale Anpassungsfreiheit. Erhältlich als Hochvolt-Variante für den direkten Anschluss an die bestehende 230 V Hausinstallation.

While sophisticated lens technology provides excellent lighting quality, the choice of shade materialisation in elegant solid timber or natural leather adds a personal touch. The shades can be changed without tools, allowing for maximum versatility. Available in a high-voltage version for direct connection to the existing 230 V home system.





# AROA

RIBAG Design Studio

AROA ist die pure Vollendung von Licht und Form. Reduziert auf das Wesentliche und mit raffinierten Details ausgestattet, löst sie unterschiedlichste Beleuchtungsaufgaben besonders elegant. Die Leuchtenfamilie fügt sich mit einer subtilen Note von Feinheit und Leichtigkeit in jede Innenarchitektur ein.

AROA is the pure consummation of light and form. Reduced to the essentials and featuring sophisticated details, it solves a variety of lighting tasks with particular elegance. With a subtle note of delicacy and lightness, this lighting range blends in with any interior design.

[ribag.com/aroa](http://ribag.com/aroa)



► AROA Pendelleuchten mit Diffusor opal, Seite 119  
AROA pendant lamps with acrylic glass diffuser, page 119







◀ AROA Anbauleuchte  
mit externem Betriebs-  
gerät und Diffusor opal,  
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AROA Anbauleuchte  
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AROA mounted lamp  
with external control  
gear and acrylic glass  
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AROA mounted lamp  
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- ▶ AROA Anbauleuchte  
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AROA Pendelleuchten  
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AROA mounted lamps  
with acrylic glass  
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AROA pendant lamps  
with acrylic glass  
diffuser, page 119



# AROA

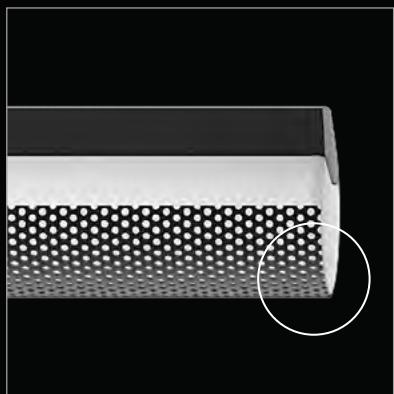
Distinctive with ingenious design.

Mit ihrer formvollendeten Verarbeitung sowie dem zeitlosen und schlanken Design, bietet die filigrane Leuchte besonders viele multifunktionale Einsatzmöglichkeiten. Die spritzwassergeschützte Anbauleuchte mit externem Betriebsgerät ist zudem für den Einsatz in Nasszellen geeignet. Als optionales Zubehör ist ein anklippbarer Lochblechdiffusor zur perfekten Entblendung erhältlich.

With perfect workmanship and sleek, classic design, the delicate lamp offers a particularly wide range of applications. The splash-proof mounted lamp with external control gear is also suitable for use in wet locations. A perforated metal diffuser that clips on is an optional accessory for perfect anti-glare.

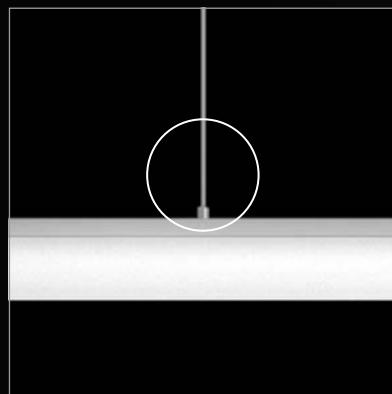
Zubehör: Lochblechdiffusor für  
perfekte Entblendung

Accessories: Perforated metal diffuser  
for perfect anti-glare



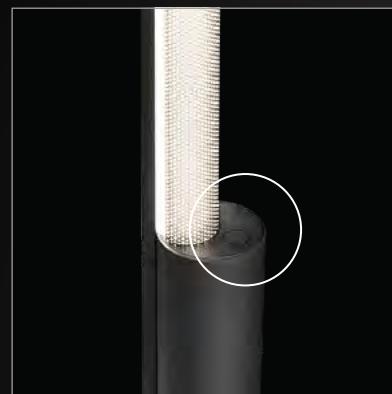
Filigrane Pendelaufhängung mit  
integrierter Stromführung

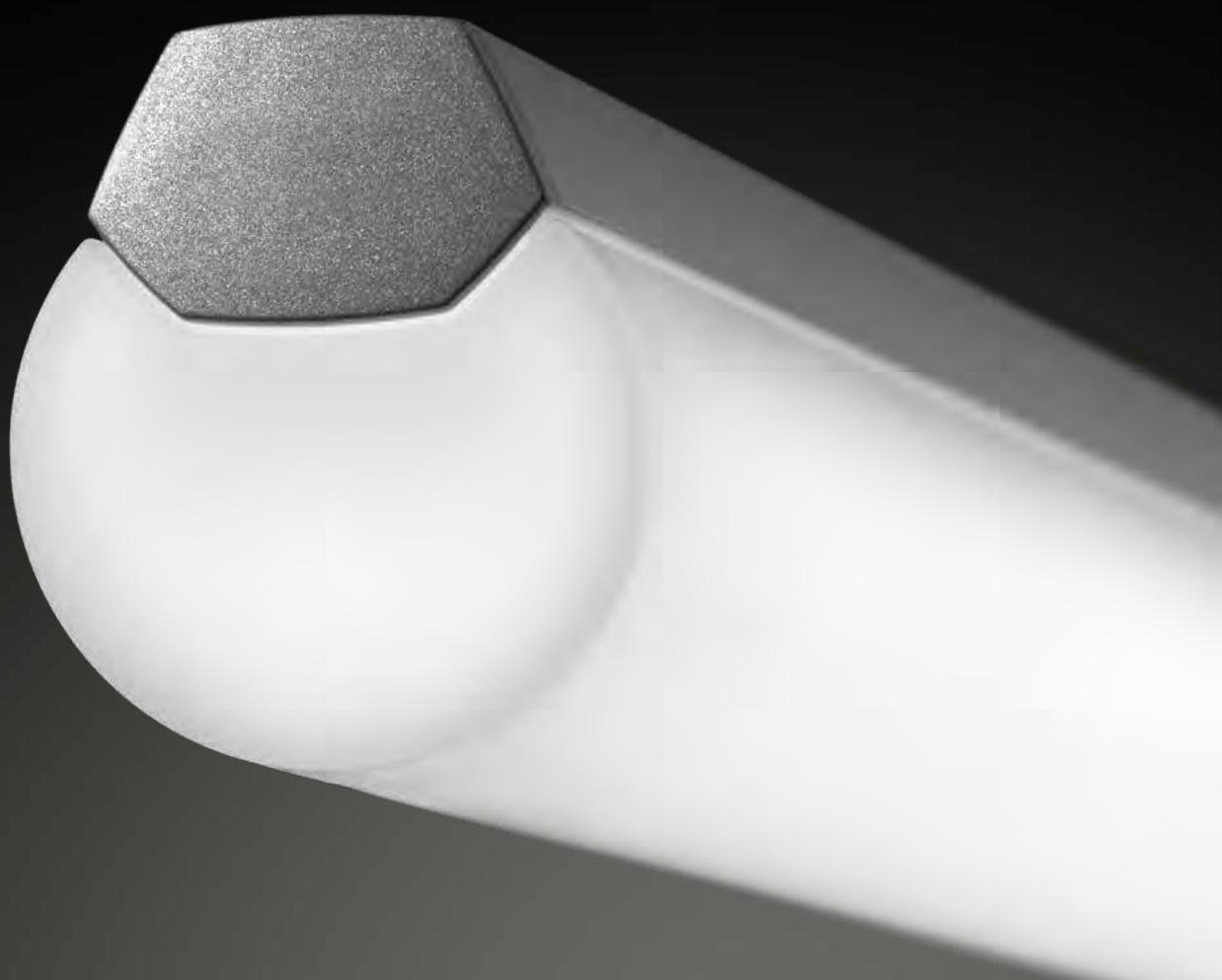
Delicate pendulum suspension with  
integrated current feed



Komfortabler Tastdimmer zur  
stufenlosen Regulierung

Comfortable button dimmer for  
stepless regulation





# SPINAled

Design Erwin Egli, Daniel Kübler

Aus der konsequenten Weiterentwicklung der klassischen SPINA-Kollektion ist das überzeugende Resultat SPINAled entstanden. Perfekt in der Gestaltung, setzt sie hinsichtlich LED-Lichttechnik, Energieeffizienz und Design einen neuen Standard. SPINAled ist dank ihrer Variantenvielfalt und formalen Reduktion die bevorzugte Wahl für universelle und zurückhaltende Lichtlösungen.

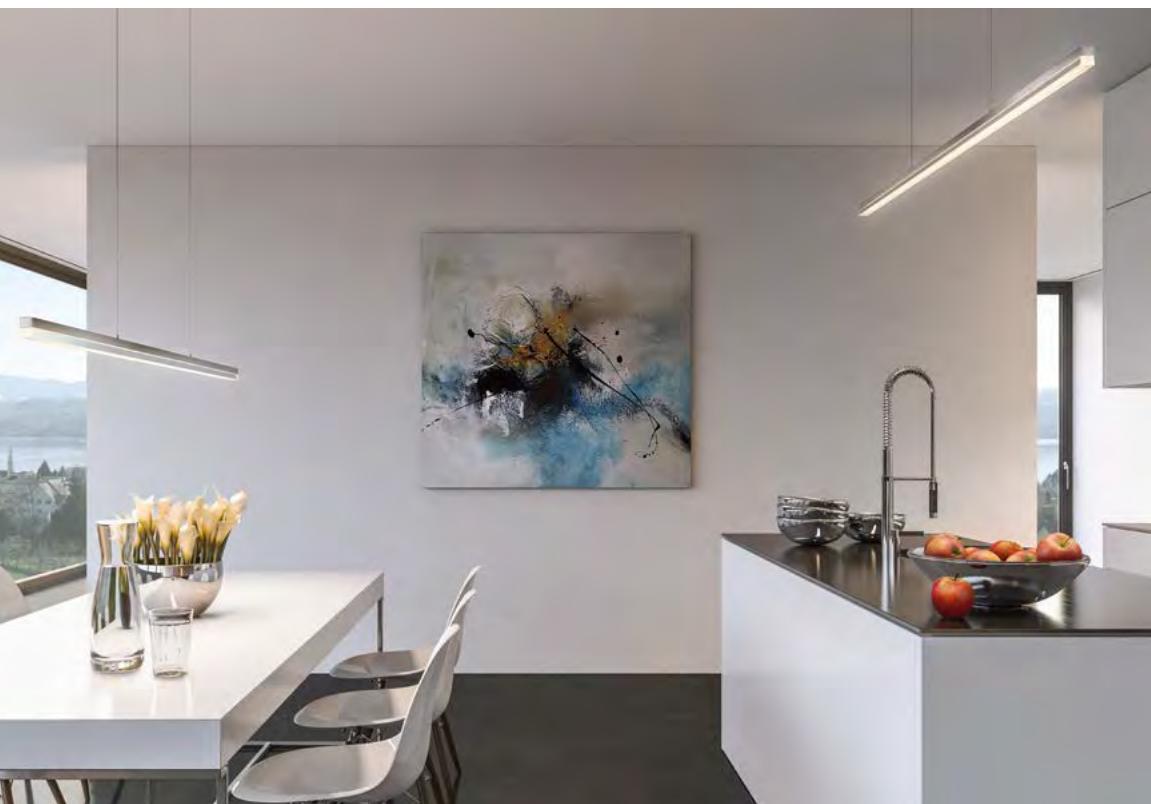
SPINAled is the impressive result of the consistent development of the classic SPINA collection. Perfectly formed, it sets new standards in the fields of LED lighting technology, energy efficiency, and design. The wide variety of options and formal reduction make SPINAled the preferred choice for universal, discreet lighting solutions.

[ribag.com/spinaled](http://ribag.com/spinaled)





▲ SPINAled Pendelleuchte mit Linearlinse klar/matt,  $\pm 60^\circ$ , Seite 178  
SPINAled pendant lamp with linear lens clear/mat,  $\pm 60^\circ$ , page 178



▲ SPINALED Pendelleuchte mit Linearlinse klar/matt, ↳60°, Seite 178  
SPINALED pendant lamp with linear lense clear/mat, ↳60°, page 178

► SPINALED Pendelleuchte mit Diffusor opal, Seite 176  
SPINALED pendant lamp with acrylic glass diffuser, page 176







▲ SPINALED, Pendelleuchte mit Linearlinse klar/matt,  $\leq 60^\circ$ , Seite 178  
SPINALED pendant lamp with linear lens clear/mat,  $\leq 60^\circ$ , page 178



- ◀ SPINAled Anbauleuchte mit externem Betriebsgerät mit Diffusor opal, Seite 175  
SPINAled mounted lamp with external control gear and acrylic glass diffuser, page 175
- ▼ SPINAled Anbauleuchten mit externem Betriebsgerät mit Diffusor opal, Seite 175  
SPINAled mounted lamps with external control gear and acrylic glass diffuser, page 175



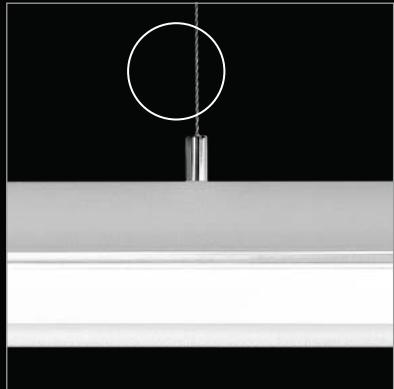
## SPINAled

A line drawn in complete harmony.

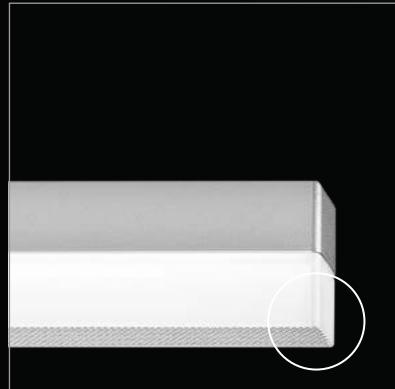
Der LED-Leuchtenklassiker ist einzigartig filigran und puristisch gestaltet. Die perfekte Lichthomogenität und die spritzwassergeschützte Anbauleuchte mit externem Betriebsgerät, unterstützen multifunktionale Einsatzmöglichkeiten.

This classic LED lamp is designed to be exceptionally delicate and pure. Perfect uniformity of light and a splash-proof mounted lamp with external control gear support a wide range of applications.

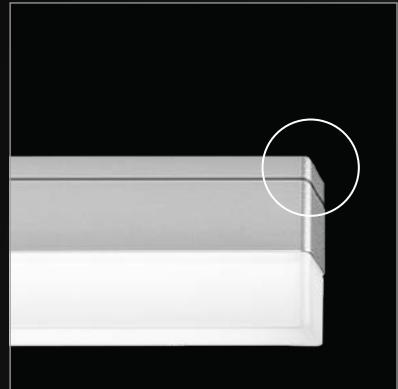
Besonders filigrane Pendelaufhängung  
Particularly delicate pendulum suspension



Anbauleuchte zur optimalen Entblendung mit Punktraster erhältlich  
Mounted lamps with dot matrix available for perfect anti-glare



Spritzwassergeschützte Anbauleuchte mit externem Betriebsgerät für den Einsatz in Nasszellen und regengeschützten Außenbereichen  
Splash-proof mounted lamp with external control gear for use in wet locations and rain-protected outdoor areas





# METRON

Design Daniel Kübler

METRON ist ein modulares und ausgesprochen effizientes LED-Lichtsystem. Die vielseitig kombinierbaren Lichtbausteine zeichnen sich durch eine hohe Funktionalität aus und bieten dem professionellen Lichtplaner eine grosse Fülle an Varianten für die optimale Umsetzung seiner Lichtlösung.

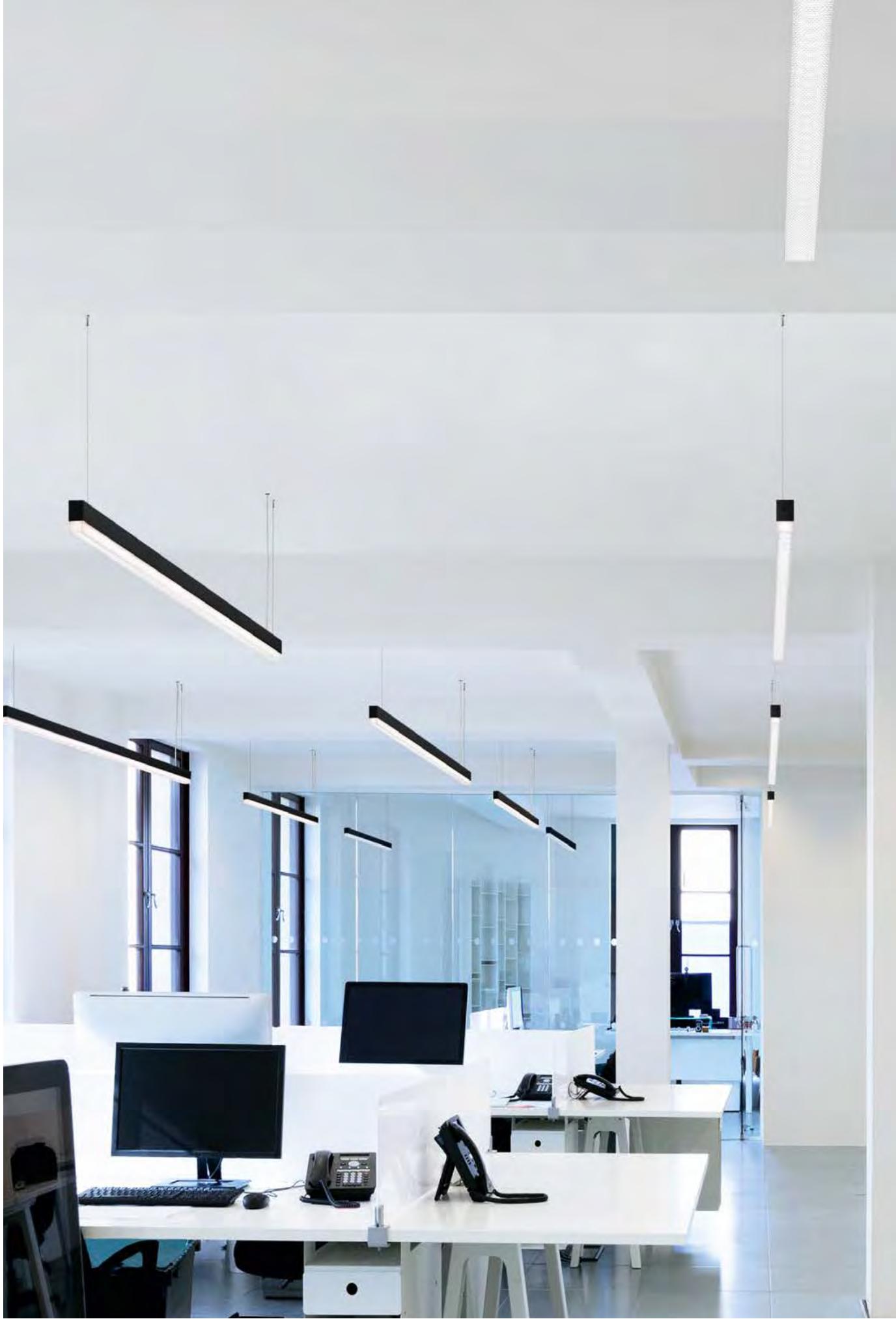
METRON is a modular and outstandingly efficient LED lighting system. The lighting modules can be combined in a variety of ways and are characterised by powerful functionality, offering the professional lighting designer plenty of scope for the ideal implementation of any lighting solution.

[ribag.com/metron](http://ribag.com/metron)



reddot award 2016  
winner

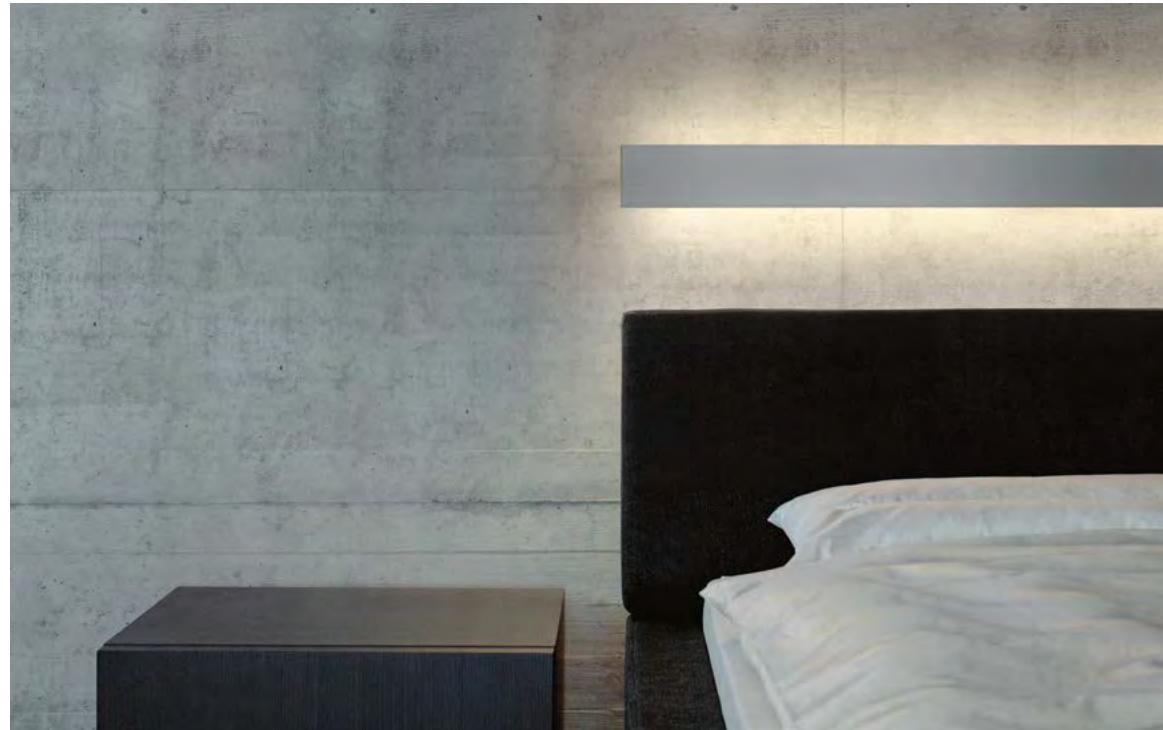




▲ METRON Office Pendelleuchten, Seite 153  
METRON Office pendant lamps, page 153



◀ METRON System:  
METRON Downlight  
Deckenleuchte mit  
Linsenoptik, Seite 154;  
METRON Anbauleuchten  
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METRON System:  
METRON downlight ceiling  
lamp with lens optics,  
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▲ METRON Wandleuchten  
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METRON wall lamps  
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◀ METRON Downlight  
Deckenleuchten mit  
Linsenoptik, Seite 154  
METRON downlight  
ceiling lamps with lens  
optics, page 154

# METRON

One lighting system – infinite opportunities.

Patentiertes Schnellmontagesystem bei allen Leuchten

Patented quick mounting system for all lamps

## METRON mit opalem oder entblendetem Diffusor

Die modularen Lichtbausteine zeichnen sich durch perfekte Lichthomogenität aus. Diese wird kombiniert mit sehr hoher Lichtausbeute und einem staubdicht geschlossenen Diffusor.

## METRON with opal or anti-glare diffuser

The modular lighting elements stand out due to the perfect uniformity of their light. This is combined with very high luminous efficiency and an anti-dust diffuser.

## METRON Office

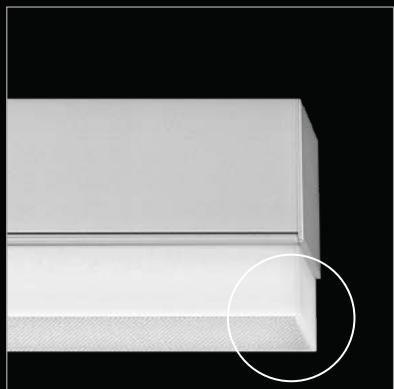
Die modularen Lichtbausteine wurden speziell zur optimalen Ausleuchtung des Arbeitsplatzes konzipiert und sorgen mit guter Entblendung ( $UGR < 22$ ) für eine besonders angenehme Arbeitsatmosphäre.

## METRON Office

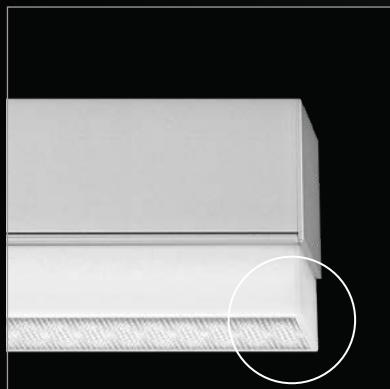
The modular lighting elements were specially designed for the ideal illumination of the workplace and, with their good anti-glare ( $UGR < 22$ ), provide for an especially comfortable working environment.

Erhältlich mit Punktraster zur optimalen Entblendung

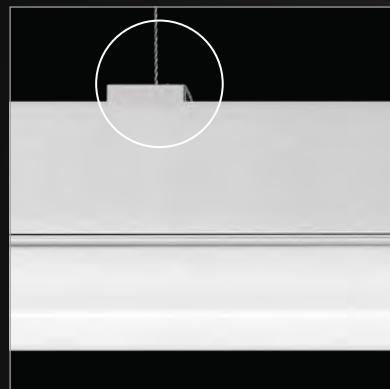
Available with dot matrix for perfect anti-glare

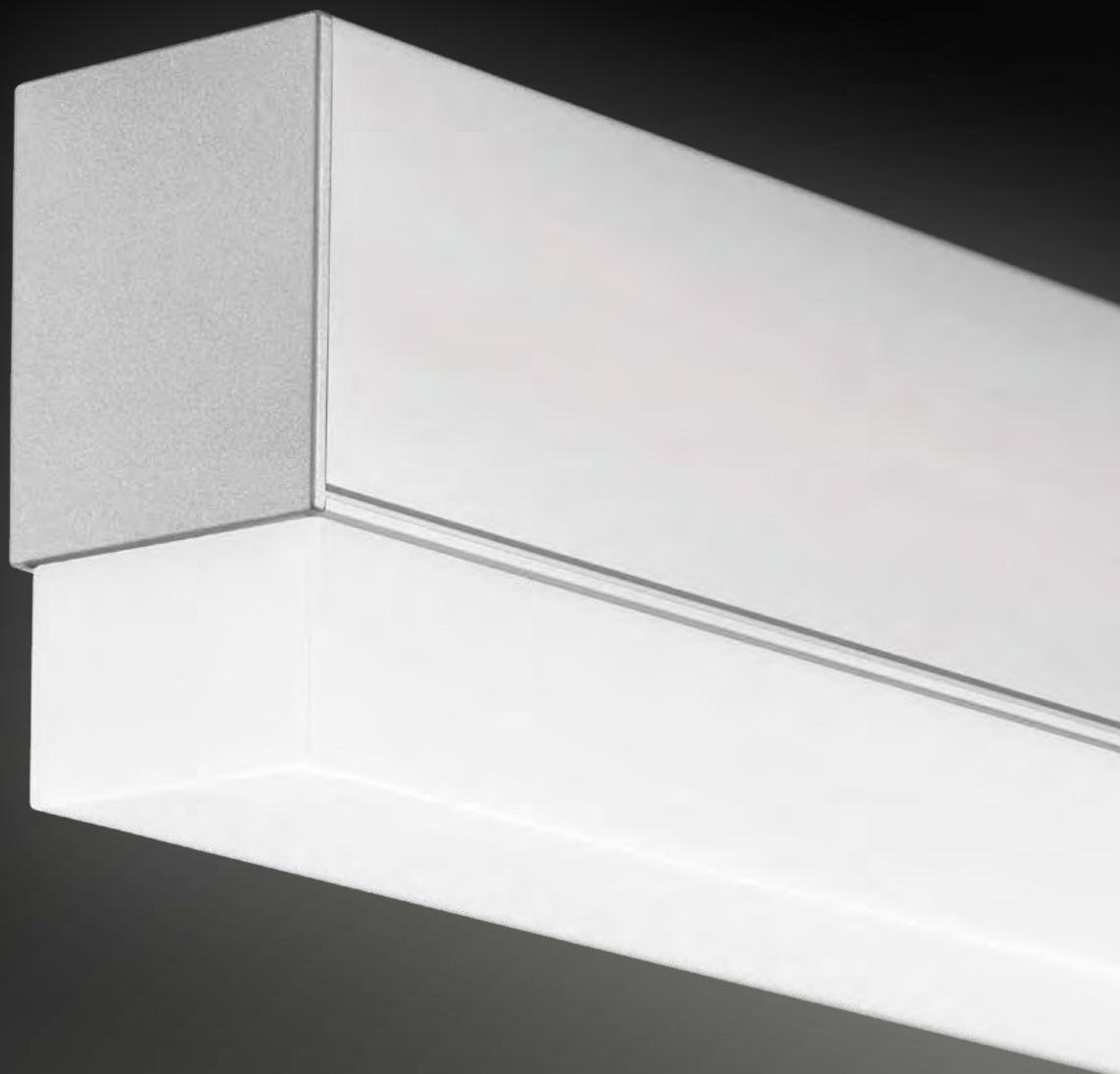


Hochwertige Mikroprismen-Optik  
High-quality microp prism optics



Filigrane Pendelaufhängung  
Delicate pendulum suspension





# METRON

## METRON Blende 80

Das Lichtbandsystem ohne Schattenbildung sorgt für eine gleichmässige, weiche Lichtverteilung an der Wand und ist perfekt entblendet.

## METRON shade 80

The strip lighting system provides even, soft light distribution on walls without creating shadows and is perfectly anti-glare.

## METRON Downlight

Die modularen Lichtbausteine bestechen einerseits durch ihre integrierte Linsentechnologie mit sehr hoher Lichtausbeute und andererseits durch hervorragende Lichtqualität (CRI 95).

## METRON downlight

The modular lighting elements are captivating for both their integrated lens technology with very high luminous efficiency and their excellent lighting quality (CRI 95).



Effiziente Linsentechnologie für  
brillante Akzente  
Efficient lens technology for  
brilliant accents



Perfekte Verarbeitung verhindert unerwünschten Lichtaustritt bei den Stossfugen

Perfect workmanship eliminates undesired light emission at joints

## **METRON Spotlightkombinationen**

Die METRON Stromschienen ermöglichen vielseitige Kombinationsmöglichkeiten mit VERTICO und SPYKE Profilstrahlern, sowie einen modularen Aufbau mit weiteren METRON Leuchten. Die Durchgangsverdrahtung sorgt für eine besonders einfache Reihenmontage.

## **METRON spotlight combinations**

The METRON tracks allow an array of opportunities for combination with VERTICO and SPYKE profile spotlights, as well as for modular assembly with additional METRON lamps. Feed-through wiring allows particularly simple series mounting.



# MESH

Design Daniel Kübler

MESH erfüllt den Wunsch nach einer massgeschneiderten Office-Beleuchtung. Mit ihrem gewebeähnlichen Raster orientiert sich MESH an einer visuellen Textur, welche Kreativität und Funktionalität optimal vereint. Das charakterisierende Optikdesign und die intelligente Lichttechnik bringen eine wohlige Atmosphäre in jede nüchterne Arbeitswelt.

MESH meets the demand for customised office lighting. With its woven structure, the MESH concept revolves around a visual texture that unites creativity and functionality. Its distinctive visual design and intelligent lighting technology lend a pleasant atmosphere to the pragmatic sobriety of the world of work.

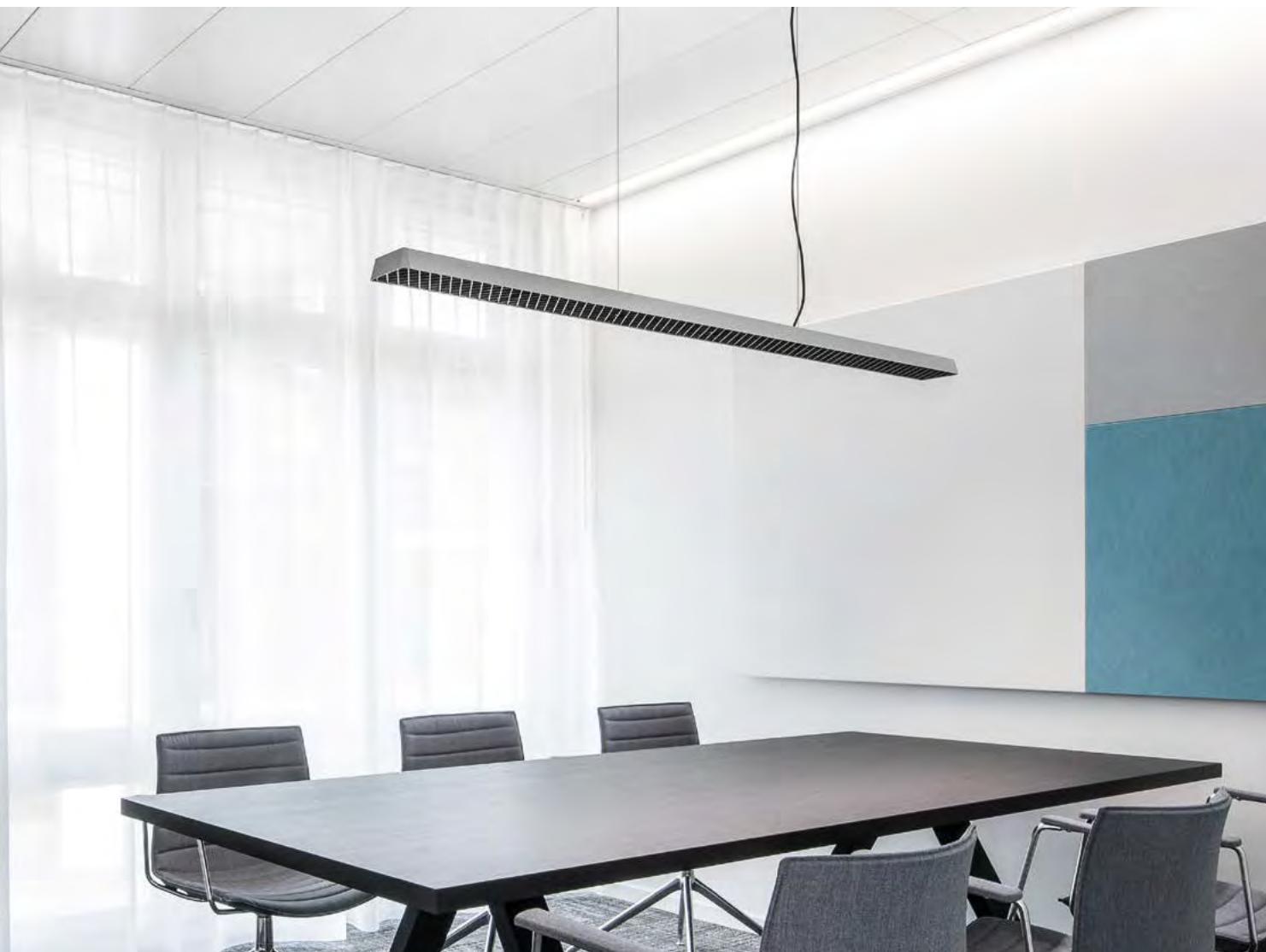
[ribag.com/mesh](http://ribag.com/mesh)



**reddot** award 2017  
winner



▲ MESH Pendelleuchte Special Edition, Seite 144  
MESH pendant lamp special edition, page 144



Picture and concept credits: Brem & Zehnder Innenarchitektur, brem-zehnder.ch

- ▲ MESH Pendelleuchte, Seite 144  
MESH pendant lamp, page 144
- MESH Pendelleuchte, Seite 144  
MESH pendant lamp, page 144



# MESH

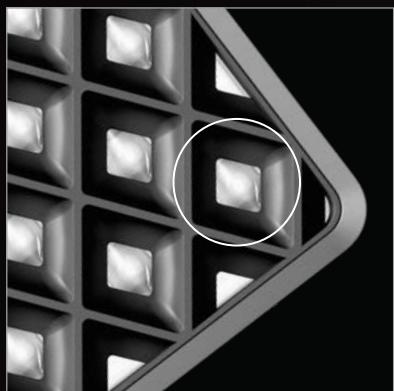
## Ergonomic and creative work.

Von aussen besticht das charakterstarke Design, im Inneren eine spezielle Darklight-/Linsentechnologie. Die perfekt entblendete Office-Lösung wurde für anspruchsvolle Sehaufgaben entwickelt und bietet eine hohe Lichtausbeute mit gleichmässiger Lichtverteilung. Mit ihrem Indirektanteil von 65% sorgt sie dabei stets für eine angenehme Raumatmosphäre.

Outside, distinctive design captivates the viewer, while inside it boasts special dark light/lens technology. The perfectly anti-glare office solution was developed for challenging visual tasks and offers high luminous efficiency with even light distribution. With 65% indirect light, it always creates a comfortable room atmosphere.

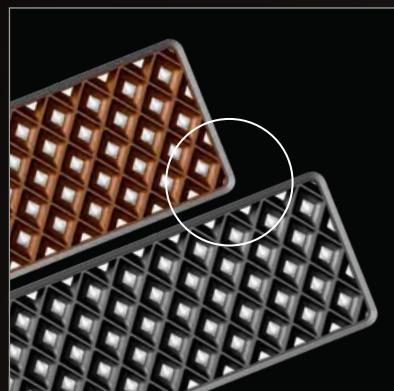
Mikro-Linsentechnik für besondere Brillanz

Micro-lens technology for exceptional brilliance



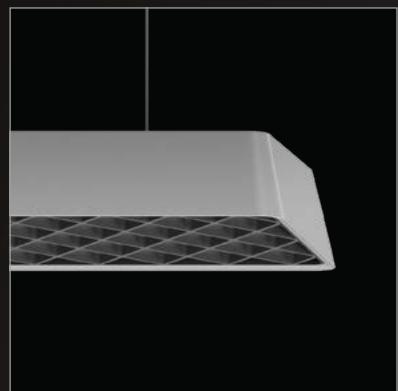
Verschiedene Farbkombinationen von Raster und Leuchte

Variety of grid and lamp colour combinations



Breitstrahlendes Indirektlicht (120°) und perfekte Entblendung (UGR < 16)

Wide-angle indirect light (120°) and perfect anti-glare (UGR < 16)





# VERTICO

RIBAG Design Studio

Die grazile Leuchtenkollektion VERTICO überzeugt mit ihrem klassischen Design. Die aus Reinstaluminium gefrästen und veredelten Metallteile sowie die zeitlose Formensprache faszinieren. Der raffinierte Fokussierring ist dabei ihr prägendes Gestaltungs- und Funktionselement. Mit der einzigartigen Fokussierbarkeit des Lichtkegels werden höchste Lichtansprüche erfüllt und Räume mit nur einem Lichtwerkzeug brillant in Szene gesetzt.

The graceful VERTICO lamp collection impresses with its classic design. Metal parts, milled and finished from pure aluminium, coupled with timeless expressive contours capture the imagination. The sophisticated focussing ring is its distinctive design and functional element. The light cone's unique ability to focus with the greatest of flexibility fulfils the highest lighting demands and sets the scene in any space with only one lighting tool.

[ribag.com/vertico](http://ribag.com/vertico)





▲ VERTICO Pendelleuchten, Seite 191  
VERTICO pendant lamp, page 191



- ▲ VERTICO Anbau-Profilstrahler, 2-flammig, Seite 189  
VERTICO mounted profile spotlights, 2-flame, page 189
- ▶ VERTICO Anbaustrahler mit externem Betriebsgerät, Seite 188  
VERTICO Pendelleuchten, Seite 191  
VERTICO mounted spotlights with external control gear, page 188  
VERTICO pendant lamps, page 191





Picture and concept credits: Innenarchitektur haeubi.ch | photobaechler.ch

▲ VERTICO Pendelleuchten, Seite 191  
VERTICO pendant lamps, page 191



◀ VERTICO Pendelleuchten  
Draft & Craft Collection, auf Anfrage  
VERTICO pendant lamps  
Draft & Craft Collection, on request

▼ VERTICO Anbaustrahler  
mit externem Betriebsgerät,  
Draft & Craft Collection, auf Anfrage  
VERTICO mounted spotlight  
with external control gear,  
Draft & Craft Collection, on request



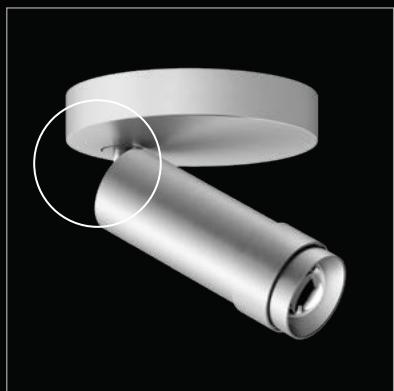
# VERTICO

For the accentuation of intricate architecture.

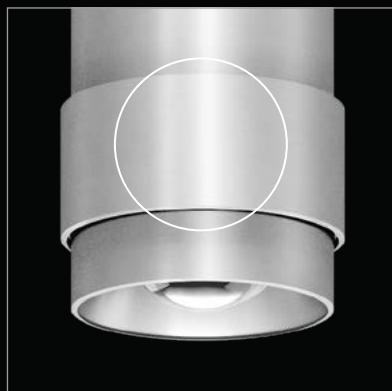
Das kompakte und charaktervolle Design aus Reinstaluminium, mit edlen Eloxaoberflächen, wird im Inneren durch hochwertige Linsentechnik vervollständigt. Der stufenlos variable Ausstrahlungswinkel für präzise Akzente und die hervorragende Lichtqualität (CRI 95), bieten unzählige Einsatzmöglichkeiten. Das VERTICO Spotlight ist kompatibel mit dem METRON Lichtsystem.

Sophisticated lens technology inside rounds off the compact, distinctive design made of pure aluminium with elegant anodised finishes. The fully adjustable beam angle for precise accents and excellent lighting quality (CRI 95) offer countless applications. The spotlight is also compatible with the METRON lighting system.

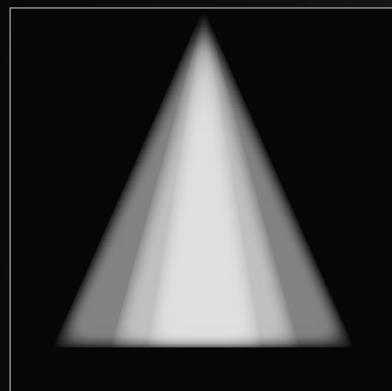
Besonders edle Verarbeitung und Materialisierung aller Teile  
Exquisite workmanship and materialisation of all parts



Fokussierring als verbindendes Funktions- und Gestaltungselement  
Focussing ring as distinctive design and functional element



Variabler Ausstrahlungswinkel von 20° bis 60°  
Adjustable beam angle from 20° to 60°





# ARVA

Design Daniel Kübler

ARVA steht für universelle Lichtlösungen. Die konsequent gestaltete Leuchtenfamilie überzeugt durch die umfassende Nutzungsflexibilität für unterschiedlichste Lichtaufgaben. Abgestimmt auf die räumlichen Anforderungen beeindruckt ARVA durch die hohe Lichtästhetik.

ARVA stands for universal lighting solutions. The rigorously designed lighting range is impressive due to its seemingly infinite flexibility for the most diverse of lighting tasks. Adjusted to suit spatial requirements, ARVA is admired for its superior lighting aesthetics.

[ribag.com/arva](http://ribag.com/arva)



reddot award 2016  
winner





▲ ARVA Pendelleuchten Ø440 mm mit Diffusor feinmattiert, Seite 125  
ARVA pendant lamps Ø440 mm with acrylic glass diffuser fine matt finish, page 125

- ARVA Pendelleuchten mit Linsenoptik, Seite 130  
ARVA Deckenleuchten AC und Linsenoptik, Seite 128  
ARVA pendant lamps with lens optics, page 130  
ARVA mounted lamps AC and lens optic, page 128
- ▼ ARVA Pendelleuchten mit Linsenoptik, Seite 130  
ARVA pendant lamps with lens optics, page 130





Picture and concept credits:  
Roger Buser-Hofmann, Innenarchitektur [www.room42.ch](http://www.room42.ch)





▲ ARVA Pendelleuchten Ø 270 mm mit Diffusor feinmattiert, Seite 125

ARVA pendant lamps Ø 270 mm with acrylic glass diffuser fine matt finish, page 125

◀ ARVA Anbauleuchten mit Diffusor feinmattiert, Seite 124

ARVA Anbauleuchten mit externem Betriebsgerät und Diffusor feinmattiert, Seite 126

ARVA Pendelleuchten Ø 440 mm mit Diffusor feinmattiert, Seite 125

ARVA mounted lamps with acrylic glass diffuser fine matt finish, page 124

ARVA mounted lamps with external control gear and acrylic glass diffuser fine matt finish, page 126

ARVA pendant lamps Ø 440 mm with acrylic glass diffuser fine matt finish, page 125

# ARVA

The versatile lighting tool with character.

Ob mit hochwertiger Linsentechnik zur rein direkten Lichtverteilung oder mit Diffusor für direkt und indirekt strahlendes Licht: ARVA bietet multifunktionale Anwendungsmöglichkeiten. Das robuste Aluminium-Gehäuse mit abgedichtetem Diffusor macht die Leuchte besonders langlebig und schützt sie vor Staub und Insekten. Erhältlich als Hochvolt-Variante für den direkten Anschluss an die bestehende 230 V Hausinstallation.

With perfect workmanship and sleek, classic design, the delicate lamp offers a particularly wide range of applications. The splash-proof mounted element is also suitable for use in wet locations. A perforated metal diffuser that clips on is an optional accessory for perfect anti-glare.

ARVA mit Linsentechnik für gerichtetes, brillantes Licht mit perfekter Farbwiedergabe (CRI 95)

ARVA with lens technology for targeted, brilliant light with perfect colour rendering (CRI 95)



ARVA mit Diffusor für breitstrahlendes Licht, Pendelleuchten Ø 270 und Ø 440 mit Indirektanteil zur Raumöffnung

ARVA with diffuser for wide-angle light, pendant lamps Ø 270 with Ø 440 with space-creating indirect light





# PUNTO

Design Daniel Kübler

Die präzise Verarbeitung von PUNTO entspricht unserem Verständnis, LED-Technologie und Formgebung in der Anwendung perfekt umzusetzen.

Die unterschiedlich grossen, homogenen Lichtkörper von PUNTO, können an Wand oder Decke montiert oder im geschützten Aussenbereich eingesetzt werden und fügen sich so in jede Raumstruktur ein.

The precision workmanship of PUNTO reflects our understanding of how to put LED technology and design into perfect practice. PUNTO's uniform light fixtures come in a variety of sizes and can be mounted on the wall or ceiling, or in a sheltered outdoor area, blending perfectly into any space setting.

[ribag.com/punto](http://ribag.com/punto)

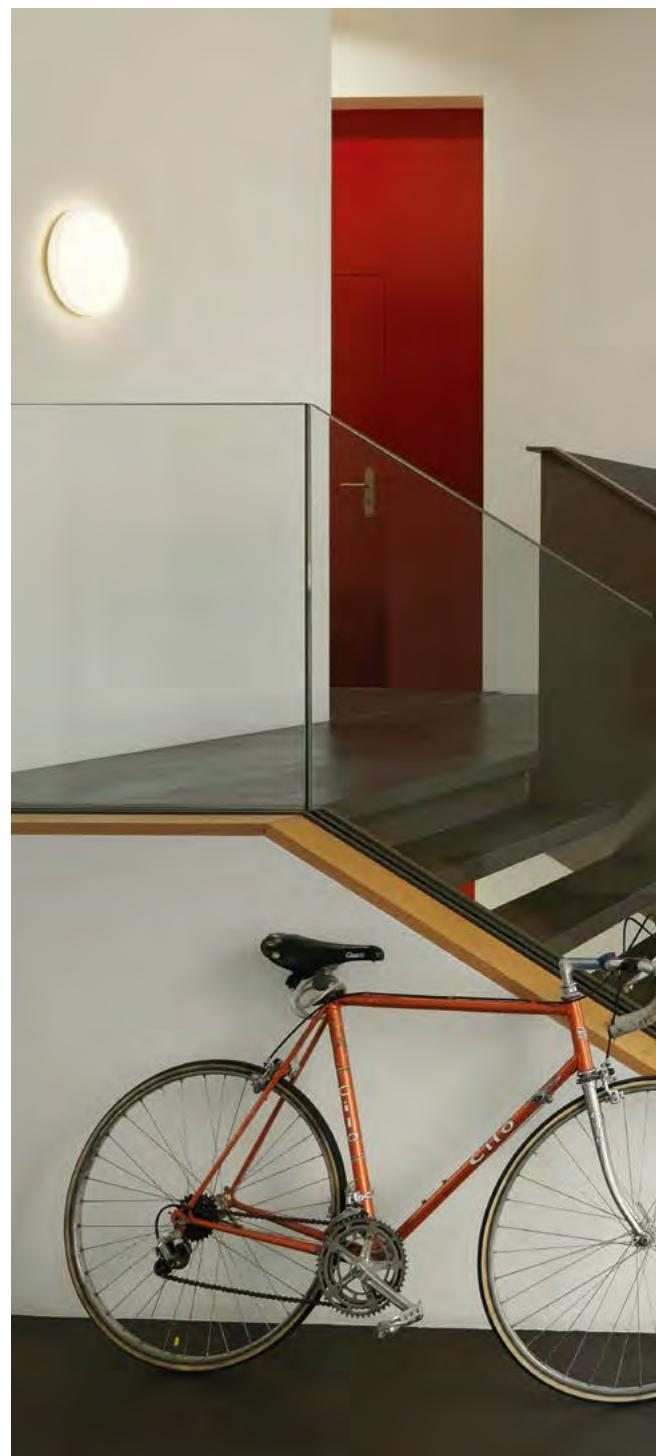
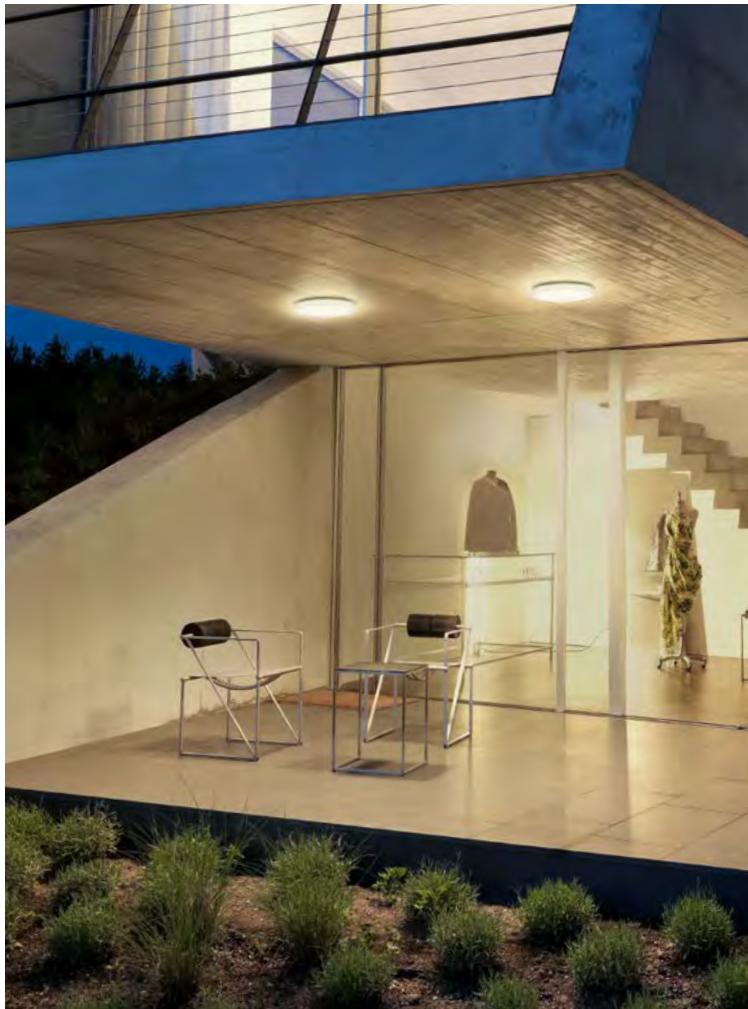


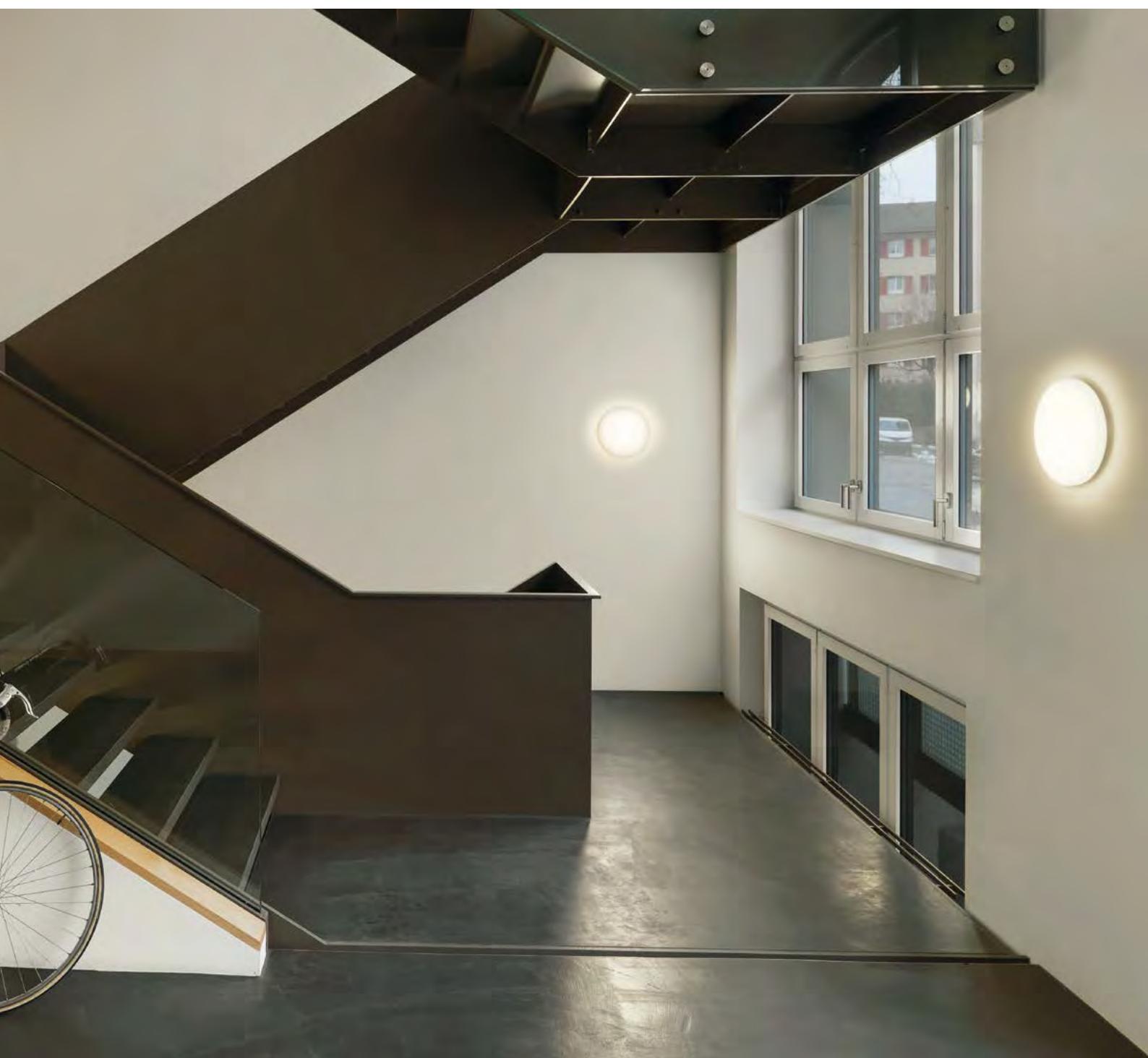
**reddot design award**  
winner 2013

► PUNTO Anbauleuchten Ø 420 mm, Seite 164  
PUNTO mounted lamps Ø 420 mm, page 164



- ▶ PUNTO Anbauleuchten Ø 250 mm, Seite 164  
PUNTO mounted lamps Ø 250 mm, page 164
- ▼ PUNTO Anbauleuchten Ø 320 mm mit externem Betriebsgerät, Seite 165  
PUNTO mounted lamps Ø 320 mm with external control gear, page 165









◀ PUNTO Anbauleuchten Ø 120 mm mit externem Betriebsgerät, Seite 165  
PUNTO mounted lamps Ø 120 mm with external control gear, page 165

## PUNTO

Uniform light in focus.

Mit einer sehr hohen Lichtausbeute bei geringer Blendung sorgt PUNTO für perfekte Lichthomogenität und bietet vielseitige Einsatzmöglichkeiten. Der gegen Staub und Feuchtigkeit geschlossene Diffusor erlaubt langfristige Einsätze im Innen- und regengeschützten Außenbereich. Das patentierte Schnellmontagesystem lässt sich mühelos an Wand und Decke befestigen.

With very high luminous efficiency and low glare, PUNTO provides perfect uniformity of light and offers a wide range of applications. The diffuser, sealed against dust and moisture, allows for long-term use in indoor and sheltered outdoor areas. The patented quick mounting system means easy mounting on the walls and ceilings.



Verschiedene Größen flexibel kombinierbar  
Different sizes can be combined with ease



# SPYKE

Design Daniel Kübler

Die zurückhaltende Formensprache und die hohe Funktionalität des LED-Strahlersystems SPYKE, erfüllen die Ansprüche an brillantes und variantenreiches Akzentlicht. SPYKE wird dank unterschiedlichsten Montagearten und Gehäusefarben dem Wunsch nach universeller Verwendbarkeit gerecht. Mit drei zur Auswahl stehenden Reflektoren gewährleistet SPYKE perfektes Licht für Shopausleuchtungen und Akzentuierungen im Wohnbereich.

The modest expressive contours and powerful functionality of the SPYKE LED spotlight system satisfy the requirements for brilliant and varied accent lighting. SPYKE meets the need for flexibility thanks to a wide range of mounting options and housing colours. With a choice of three reflectors, SPYKE guarantees the best quality of light for shop solutions and accentuation in the living areas.

[ribag.com/spyke](http://ribag.com/spyke)

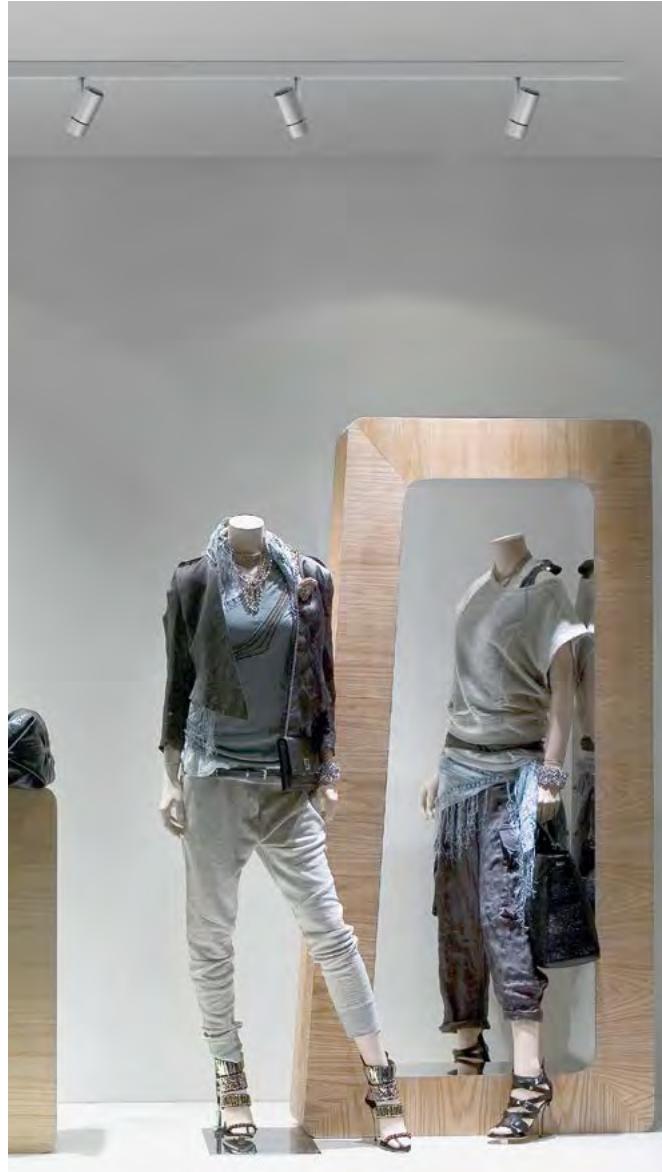
- ▶ System: METRON Anbauleuchten mit Diffusor opal, Seite 148; SPYKE Anbau-Profilstrahler, 2-flammig, Seite 183
- System: METRON mounted lamps with diffuser opal, page 148; SPYKE mounted profile spotlights, 2-flame, page 183







◀ SPYKE Anbaustrahler mit externem Betriebsgerät, Seite 182  
SPYKE mounted spotlights with external control gear, page 182



▲ SPYKE Anbau-Profilstrahler, 2-flammig, Seite 183  
SPYKE mounted profile spotlights, 2-flame, page 183  
◀ SPYKE Anbauleuchte, Seite 182  
SPYKE mounted lamps, page 182

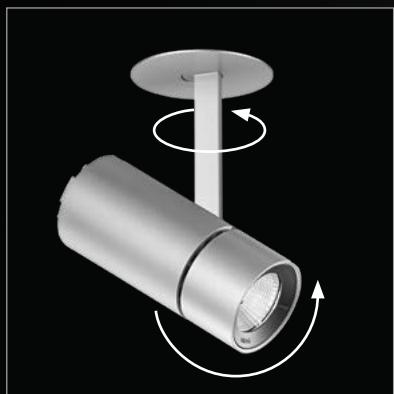
# **SPYKE**

The universal, bright spotlight.

SPYKE besticht durch seine kompakte Form und die hohe Lichtausbeute. Drei verschiedene, auswechselbare Reflektoren mit wählbaren Ausstrahlungswinkeln sorgen dabei für die nötige Flexibilität. Der Strahler ist mit dem METRON Lichtsystem kombinierbar und verfügt über ein patentiertes Schnellmontagesystem.

SPYKE boasts compact form and high luminous efficiency. Three different, exchangeable reflectors with selectable beam angles provide the necessary flexibility. The spotlight can be combined with the METRON lighting system and has a patented quick mounting system.

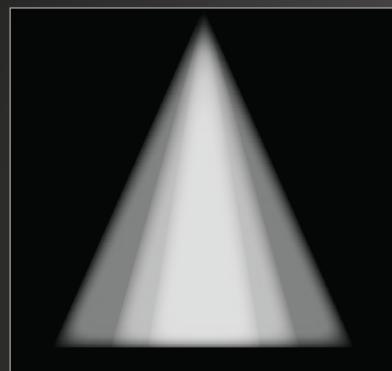
360° drehbar und 120° schwenkbar  
360° rotation and 120° swivel action



Optimales Thermomanagement  
Optimal thermal management



Wählbare Ausstrahlungswinkel  
von 15°, 25° oder 40°  
Selectable beam angle of  
15°, 25° or 40°





# LUNIK

Design Daniel Kübler

Das zeitlos elegante LED-Downlight LUNIK begeistert durch sein schlichtes Design und die grosse Anpassungsfähigkeit. Mit 24 verschiedenen Farbkombinationen passt sich LUNIK mühelos den unterschiedlichsten Gegebenheiten an. Der werkzeuglose und modulare Leuchtenaufbau, zusammen mit dem optimalen Thermo-management, garantieren höchste Zuverlässigkeit und Langlebigkeit.

The timelessly elegant LUNIK LED downlight is impressive due to its simple design and powerful versatility. With 24 different colour combinations, LUNIK effortlessly adapts to a wide variety of situations. Tool-free, modular light assembly paired with optimal thermal management guarantees ultimate reliability and durability.

[ribag.com/lunik](http://ribag.com/lunik)

► LUNIK mit Abdeckrand, Seite 140  
LUNIK with trim ring, page 140





▲ LUNIK für randlosen Einbau, Seite 140  
LUNKI for rimless installation, page 140

► LUNIK mit Abdeckrand, Seite 140  
LUNKI with trim ring, page 140



# LUNIK

Brilliance in all its diversity.

LUNIK steht für fokussierte Lichtakzente mit bester Lichtqualität. Der hohe Colour Rendering Index von 95 sorgt für besondere Brillanz. Gleichzeitig ist das Downlight perfekt entblendet und mit seinem optimalen Thermomanagement eine besonders langlebige Lichtlösung.

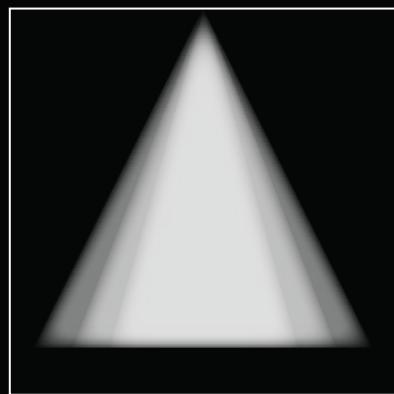
LUNIK stands for focused lighting accents with the best lighting quality. The high Colour Rendering Index of 95 provides particular brilliance. The downlight is also perfectly anti-glare and, with optimal thermal management, provides an exceptionally long-lasting lighting solution.



Erhältlich als Variante  
für den randlosen Einbau  
Version available for rimless  
installation



Wählbare Ausstrahlungswinkel von  
25°, 35° oder 45°  
Selectable beam angle of  
25°, 35° or 45°



Wählbare Blenden und Reflektoren  
für 24 verschiedene Farbkombinationen  
Shades and reflectors can be selected  
for 24 different colour combinations



# CUBO

Design Daniel Kübler

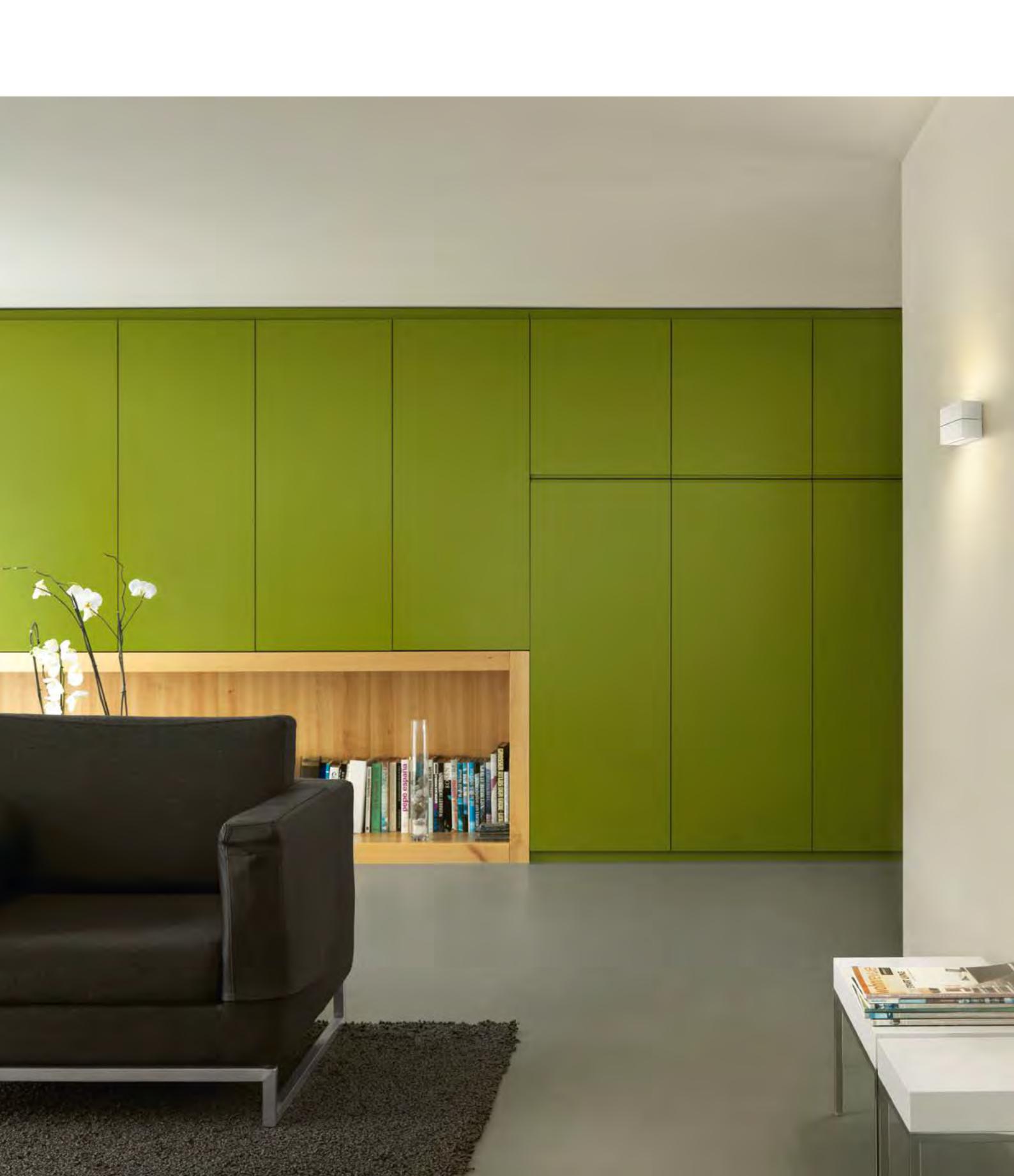
CUBO kreiert ein sinnliches Ambiente mit Licht. Der bis ins kleinste Detail gestaltete Kubus lenkt das Licht, weich und dezent, nach oben und unten. Aufgrund der kompakten Bauform lässt CUBO der Architektur konsequent den Vortritt.

CUBO creates a sensuous ambience through light. The cube, designed down to the finest detail, can direct smooth, discreet light both downwards and upwards. Its compact construction means CUBO lets architecture take the lead.

[ribag.com/cubo](http://ribag.com/cubo)



► CUBO Wandleuchte,  
Seite 136  
CUBO Wall lamp,  
page 136





Constructor: bonainvest AG, Solothurn



- ▲ CUBO Wandleuchten, Seite 136  
CUBO Wall lamps, page 136
- CUBO Wandleuchten, Seite 136  
CUBO Wall lamps, page 136

## CUBO

Lighting accents for the most beautiful walls.

Das kompakte und architekturechte Design, umrahmt von einem hochwertig verarbeiteten Aluminiumgehäuse, wird durch ein patentiertes Schnellmontagesystem perfektioniert. Im Inneren sorgt modernste Technik mit Mikroprismen-Diffusor für eine weiche, direkte und indirekte Lichtverteilung und optimale Entblendung.

The compact, architectural design set within expertly crafted aluminium housing is perfected by a patented quick mounting system. Inside, the most modern technology with a microprism diffuser provides soft direct and indirect light distribution as well as perfect anti-glare.

Weiche direkte und indirekte  
Lichtverteilung

Soft light distribution upwards  
and downwards

Mikroprismen-Diffusor zur optimalen  
Entblendung

Glare-free thanks to microprismatic  
diffuser





# History

A family company since 1994

## Familienunternehmen seit 1994

RIBAG vereint seit über 20 Jahren Innovation und Handwerk mit neuster Technologie. Die Schweizer Manufaktur steht für herausragende Lichtlösungen, einzigartiges Design und unverkennbare Qualität.

Das Familienunternehmen mit Hauptsitz in Safenwil (CH) wird in zweiter Generation von Andreas Richner geführt. Seit der Firmengründung durch Heinrich Richner im Dezember 1994, steht der Anspruch, hochwertigste Lichtlösungen zu entwickeln, im Fokus. Innerhalb weniger Jahre, konnte sich der Ein-Mann-Betrieb zum internationalen Unternehmen entwickeln. Stets begleitet von den ursprünglichen Werten: Vertrauen, Respekt, Wertschätzung und eine enorme Leidenschaft für Lichtästhetik.

For over 20 years, RIBAG has brought innovation and craft together with the latest technology. The Swiss manufactory stands for exceptional lighting solutions, unique design, and distinctive quality.

The family company seated in Safenwil (CH) is run by the second generation, Andreas Richner. Since the company founding in December 1994 by Heinrich Richner, the focus has been on developing the highest-quality lighting solutions. The one-man business was able to develop into an international business within a few years. Always accompanied by the original values: Trust, respect, appreciation, and an enormous passion for the aesthetics of light.





# Product portfolio



AROA

ARVA

CUBO

LUNIK

MESH

METRON

## Leuchtentyp

	AROA	ARVA	CUBO	LUNIK	MESH	METRON
Deckenleuchte	●	●		●		●
Wandleuchte	●	●	●			●
Einbauleuchte				●		
Pendelleuchte	●	●			●	●
Stehleuchte	●					
Downlight				●		●
Strahler						
Lichtsystem						●
Stromschienenleuchte						

## Lichtführung

Direktstrahlend	●		●	●
Direkt/indirektstrahlend	●	●		●
Rundumstrahlend	●			●

## Oberfläche

Farblos eloxiert	●			●
Schwarz eloxiert	●			
Champagne eloxiert				
Goldbraun eloxiert	●			
Glanzverchromt			●	
Goldverchromt			●	
Grau RAL 9006	●	●	●	●
Weiss RAL 9003	●	●	●	●
Schwarz RAL 9005	●		●	●
Pearlbeige RAL 1035			●	



PUNTO

SPINA

SPINAled

SPYKE

VERTICO

VIOR

## Type of lamp

●	●	●	●	●	●	Ceiling lamps
●	●	●	●	●		Wall lamps
		●		●		Recessed lamps
				●		Pendant lamps
						Standard lamps
						Downlights
		●	●	●		Spots
		●	●	●		Light Systems
			●			Track mounted lamps

## Light distribution

●	●	●	●	●	●	Direct beam
●	●	●	●	●	●	Direct/indirect beam
●	●	●				All-round beam
						Surface
●	●	●	●	●		Natural anodised
			●			Black anodised
			●			Champagne anodised
		●				Golden brown anodised
						Chrome polished
			●			Gold polished
●		●			RAL 9006	Grey
●		●	●	●	RAL 9003	White
		●		●	RAL 9005	Black
			●		RAL 1035	Pearl beige

## Materialmuster

## Material samples

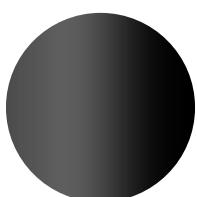
### RAL Farben



weiss RAL 9003  
white RAL 9003



grau RAL 9006  
grey RAL 9006



schwarz RAL 9005  
black RAL 9005

### RAL colours



perlbeige RAL 1035  
pearl beige RAL 1035

### Eloxalfarben



farblos eloxiert  
natural anodised



schwarz eloxiert  
black anodised



champagne eloxiert  
champagne anodised

### Anodisin dyes

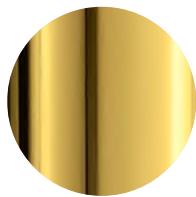


goldbraun eloxiert  
golden brown anodised

### Aluminium bedampft

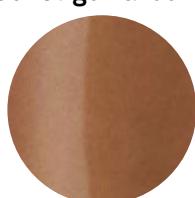


glanzverchromt  
chrome polished



goldverchromt  
gold polished

### Metallization



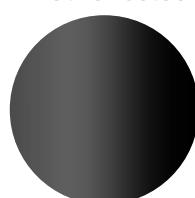
bronze  
bronze



silber  
silver



weiss  
white



schwarz  
black

### other colours

### Naturmaterialen<sup>1</sup>



Holzblende Eiche  
wood shade oak



Holzblende Schwarznuss  
wood shade black walnut



Lederblende Rancho Terra, mit Ziernhaft  
leather shade Rancho Terra, with ornamental seam

### Natural materials<sup>1</sup>

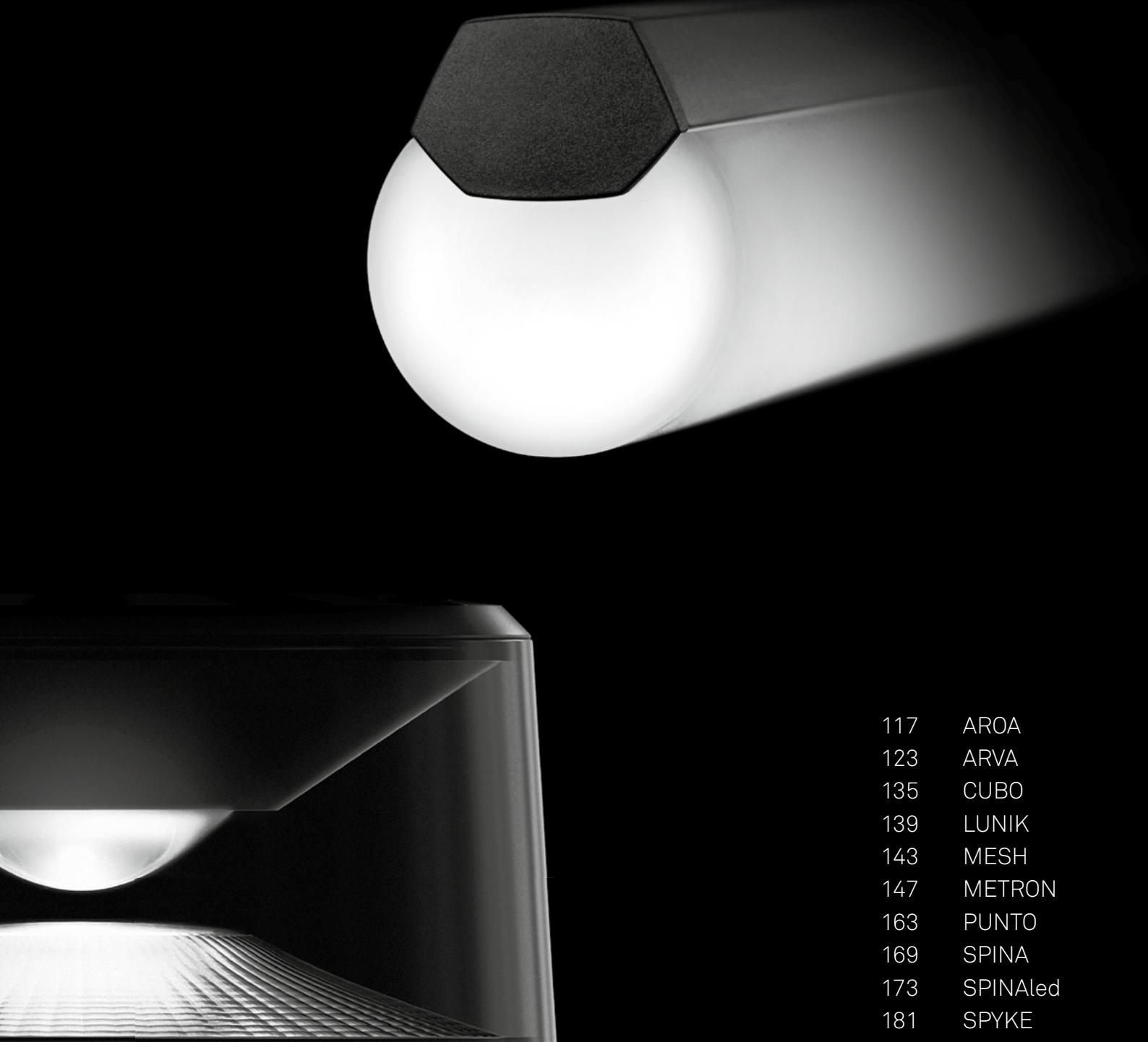


Lederblende Velluto Lava  
leather shade Velluto Lava

<sup>1</sup> **Hinweis:** Für die Wechselblenden der ARVA Draft & Craft Collection verwenden wir Rindsleder mit naturbelassener Narbung der Firma Intertime sowie Massivholz der Firma Girsberger. Bitte beachten Sie, dass es sich bei diesen Materialien um Naturprodukte handelt, welche sich im Materialbild voneinander unterscheiden können.

<sup>1</sup> **Note:** To produce the alternating shades of the ARVA Draft & Craft Collection we use cattle leather with natural grain of the company Intertime as well as solid wood of the company Girsberger. Please note that these materials are natural products which differentiate themselves one from the other in relation to the surface structure.

# Pricelist Collection 2019



117	AROA
123	ARVA
135	CUBO
139	LUNIK
143	MESH
147	METRON
163	PUNTO
169	SPINA
173	SPINAlled
181	SPYKE
187	VERTICO
195	VIOR



# AROA



**Mounted lamps**  
with acrylic glass diffuser

118



**Mounted lamps with external control gear**  
with acrylic glass diffuser

118



**Pendant lamps**  
with acrylic glass diffuser

119

**Standard lamps**  
with acrylic glass diffuser

120



117

## Mounted lamps

AROA with acrylic glass diffuser



- Mounting: Can be mounted on the ceiling or wall with patented plug connection for easy to install lighting
- Lamp housing: Extruded aluminium
- Optics: Acrylic glass diffuser, opal
- Lamps: LED CRI 85, 2700 K, 3000 K or 4000 K, integrated
- Service life: 100'000h L80 B10 (Ta 25° C)
- Control gear: PS 230 V/50 Hz
- Lamp protection class: I
- Protection level: IP 20
- Energy efficiency class: A to A++, includes built-in LED lamps, unexchangeable lamps

### natural anodised, on/off

Article	Watt	Lumen	Kelvin	Lenght
4130.060.27.0	9	1110	2700	600
4130.060.30.0	9	1170	3000	600
4130.060.40.0	9	1220	4000	600
4130.090.27.0	13	1670	2700	900
4130.090.30.0	13	1750	3000	900
4130.090.40.0	13	1820	4000	900
4130.120.27.0	18	2220	2700	1200
4130.120.30.0	18	2330	3000	1200
4130.120.40.0	18	2430	4000	1200
4130.150.27.0	22	2780	2700	1500
4130.150.30.0	22	2910	3000	1500
4130.150.40.0	22	3030	4000	1500

### natural anodised, dimmable DALI/TouchDIM

Article	Watt	Lumen	Kelvin	Lenght
4130.060.27.0 DIG	9	1110	2700	600
4130.060.30.0 DIG	9	1170	3000	600
4130.060.40.0 DIG	9	1220	4000	600
4130.090.27.0 DIG	13	1670	2700	900
4130.090.30.0 DIG	13	1750	3000	900
4130.090.40.0 DIG	13	1820	4000	900
4130.120.27.0 DIG	18	2220	2700	1200
4130.120.30.0 DIG	18	2330	3000	1200
4130.120.40.0 DIG	18	2430	4000	1200
4130.150.27.0 DIG	22	2780	2700	1500
4130.150.30.0 DIG	22	2910	3000	1500
4130.150.40.0 DIG	22	3030	4000	1500

## Mounted lamps with external control gear

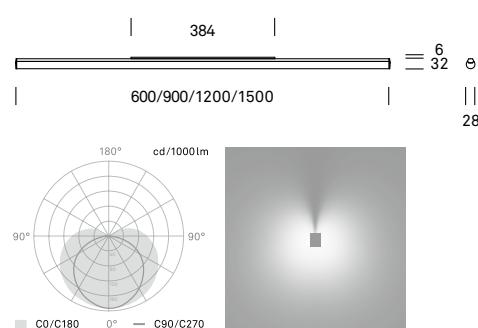
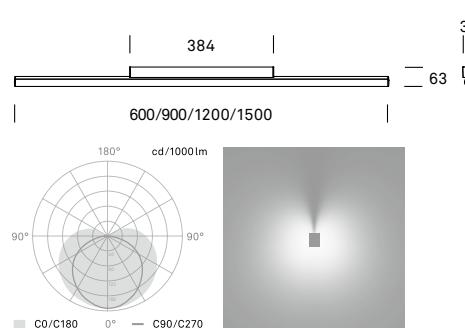
AROA with acrylic glass diffuser



- Mounting: Can be mounted on the ceiling or wall
- Lamp housing: Extruded aluminium
- Optics: Acrylic glass diffuser, opal
- Lamps: LED CRI 85, 2700 K, 3000 K or 4000 K, integrated
- Service life: 100'000h L80 B10 (Ta 25° C)
- Control gear: EVG 230V/50Hz (order separately)
- Lamp protection class: III
- Protection level: IP 44
- Energy efficiency class: A to A++, includes built-in LED lamps, unexchangeable lamps

### natural anodised

Article	Watt	Lumen	Kelvin	Lenght
4132.060.27.0	9	1110	2700	600
4132.060.30.0	9	1170	3000	600
4132.060.40.0	9	1220	4000	600
4132.090.27.0	13	1670	2700	900
4132.090.30.0	13	1750	3000	900
4132.090.40.0	13	1820	4000	900
4132.120.27.0	18	2220	2700	1200
4132.120.30.0	18	2330	3000	1200
4132.120.40.0	18	2430	4000	1200
4132.150.27.0	22	2780	2700	1500
4132.150.30.0	22	2910	3000	1500
4132.150.40.0	22	3030	4000	1500



## Control gears

- Operating devices 230 V/50–60 Hz
- Constant current, per lamp length permanently adjusted
- with short circuit and overload protected
- max. 1 lamp per control gear

Article	Watt	Light control	Dimension (mm)
915.009.060	9	on/off	145 x 43 x 30
915.009.060 DIG	9	DALI/TouchDIM	119 x 53 x 30
915.013.090	13	on/off	145 x 43 x 30
915.013.090 DIG	13	DALI/TouchDIM	119 x 53 x 30
915.018.120	18	on/off	145 x 43 x 30
915.018.120 DIG	18	DALI/TouchDIM	190 x 43 x 30
915.022.150	22	on/off	145 x 43 x 30
915.022.150 DIG	22	DALI/TouchDIM	190 x 43 x 30

## Pendant lamps

AROA with acrylic glass diffuser



- Mounting: For mounting on the ceiling, 2 nickel-plated copper cables, transparently sheathed length 2500 mm, continuously adjustable height
- Lamp housing: Extruded aluminium
- Optics: Acrylic glass diffuser, opal
- Lamps: LED CRI 85, 2700 K, 3000 K or 4000 K, integrated
- Service life: 100'000h L80 B10 (Ta 25° C)
- Control gear: PS 230 V/50 Hz (in a separate housing)
- Lamp protection class: I
- Protection level: IP 20
- Energy efficiency class: A to A++, includes built-in LED lamps, unexchangeable lamps

## natural anodised, on/off

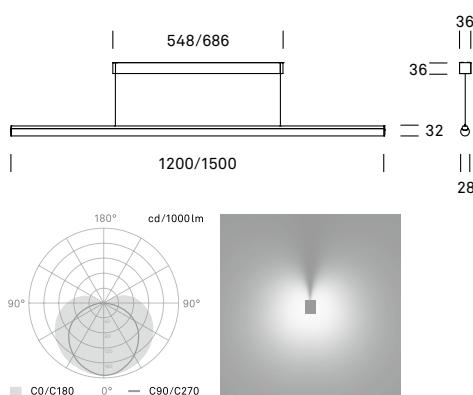
Article	Watt	Lumen	Kelvin	Lenght
4131.120.27.0	18	2220	2700	1200
4131.120.30.0	18	2330	3000	1200
4131.120.40.0	18	2430	4000	1200
4131.150.27.0	22	2780	2700	1500
4131.150.30.0	22	2910	3000	1500
4131.150.40.0	22	3030	4000	1500

## natural anodised, dimmable DALI/TouchDIM

Article	Watt	Lumen	Kelvin	Lenght
4131.120.27.0 DIG	18	2220	2700	1200
4131.120.30.0 DIG	18	2330	3000	1200
4131.120.40.0 DIG	18	2430	4000	1200
4131.150.27.0 DIG	22	2780	2700	1500
4131.150.30.0 DIG	22	2910	3000	1500
4131.150.40.0 DIG	22	3030	4000	1500

## golden brown anodised, on/off

Article	Watt	Lumen	Kelvin	Lenght
4131.120.27.9	18	2220	2700	1200
4131.120.30.9	18	2330	3000	1200
4131.120.40.9	18	2430	4000	1200
4131.150.27.9	22	2780	2700	1500
4131.150.30.9	22	2910	3000	1500
4131.150.40.9	22	3030	4000	1500



## Pendant lamps

AROA with acrylic glass diffuser

### golden brown anodised, dimmable DALI/TouchDIM

Article	Watt	Lumen	Kelvin	Lenght
4131.120.27.9 DIG	18	2220	2700	1200
4131.120.30.9 DIG	18	2330	3000	1200
4131.120.40.9 DIG	18	2430	4000	1200
4131.150.27.9 DIG	22	2780	2700	1500
4131.150.30.9 DIG	22	2910	3000	1500
4131.150.40.9 DIG	22	3030	4000	1500

### black anodised, on/off

Article	Watt	Lumen	Kelvin	Lenght
4131.120.27.2	18	2220	2700	1200
4131.120.30.2	18	2330	3000	1200
4131.120.40.2	18	2430	4000	1200
4131.150.27.2	22	2780	2700	1500
4131.150.30.2	22	2910	3000	1500
4131.150.40.2	22	3030	4000	1500

### black anodised, dimmable DALI/TouchDIM

Article	Watt	Lumen	Kelvin	Lenght
4131.120.27.2 DIG	18	2220	2700	1200
4131.120.30.2 DIG	18	2330	3000	1200
4131.120.40.2 DIG	18	2430	4000	1200
4131.150.27.2 DIG	22	2780	2700	1500
4131.150.30.2 DIG	22	2910	3000	1500
4131.150.40.2 DIG	22	3030	4000	1500

## Standard lamps

AROA with acrylic glass diffuser



- Mounting: Standard lamp with black cable Ø 6 mm, 1500 mm, with power plug type CEE 7/7
- Function: With built-in touch dimmer for comfortable dimming
- Lamp housing: Extruded aluminium
- Optics: Acrylic glass diffuser, opal
- Lamps: LED CRI 85, 2700 K or 3000 K, integrated
- Service life: 100'000h L80 B10 (Ta 25° C)
- Control gear: PS 230 V/50 Hz
- Lamp protection class: I
- Protection level: IP 20
- Energy efficiency class: A to A++, includes built-in LED lamps, unexchangeable lamps

### natural anodised, with dimmer built-in

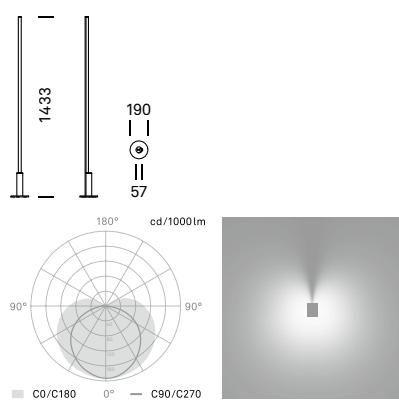
Article	Watt	Lumen	Kelvin	Lenght
4133.120.27.0 DE	18	2220	2700	1433
4133.120.30.0 DE	18	2330	3000	1433

### golden brown anodised, with dimmer built-in

Article	Watt	Lumen	Kelvin	Lenght
4133.120.27.9 DE	18	2220	2700	1433
4133.120.30.9 DE	18	2330	3000	1433

### black anodised, with dimmer built-in

Article	Watt	Lumen	Kelvin	Lenght
4133.120.27.2 DE	18	2220	2700	1433
4133.120.30.2 DE	18	2330	3000	1433



**Perforated metal diffuser single part, 1 × 190°, natural anodised**



Article	Color	Lenght
565.060.0	natural anodised	596
565.090.0	natural anodised	896
565.120.0	natural anodised	1196
565.150.0	natural anodised	1496

**Perforated metal diffuser single part, 1 × 190°, black anodised**

Article	Color	Lenght
565.120.2	black anodised	1196
565.150.2	black anodised	1496

**Perforated metal diffuser single part, 1 × 190°, gold brown anodised**

Article	Color	Lenght
565.120.9	golden braun anodised	1196
565.150.9	golden braun anodised	1496



**Mounted lamps**

with acrylic glass diffuser fine matt finish

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**Pendant lamps**

with acrylic glass diffuser fine matt finish

125

**Mounted lamps with external control gear**

with acrylic glass diffuser fine matt finish

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**Pendant lamps**

with acrylic glass diffuser fine matt finish

127

**Ceiling lamps with external control gear**

with lens optics

128

**Pendant lamps**

with lens optics

130

## Mounted lamps Ø 270/440 mm

ARVA with acrylic glass diffuser fine matt finish



- Mounting: Can be mounted on the ceiling or wall
- Lamp housing: Diecast aluminium
- Optics: Acrylic glass diffuser, fine mat
- Lamps: LED CRI 85, 2700 K, 3000 K or 4000 K, integrated
- Service life: 100'000h L80 B10 (Ta 25° C)
- Control gear: PS 230 V/50 Hz
- Lamp protection class: I
- Protection level: IP 43
- Energy efficiency class: A to A++, includes built-in LED lamps, unexchangeable lamps

### grey RAL 9006, on/off

Article	Watt	Lumen	Kelvin	Ø
4100.250.27.8	14	1640	2700	270
4100.250.30.8	14	1710	3000	270
4100.250.40.8	14	1790	4000	270
4100.420.27.8	23	2790	2700	440
4100.420.30.8	23	2920	3000	440
4100.420.40.8	23	3040	4000	440

### grey RAL 9006, dimmable DALI/TouchDIM

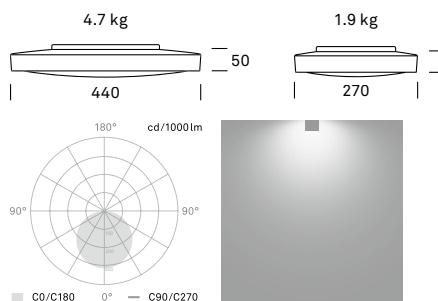
Article	Watt	Lumen	Kelvin	Ø
4100.250.27.8 DIG	14	1640	2700	270
4100.250.30.8 DIG	14	1710	3000	270
4100.250.40.8 DIG	14	1790	4000	270
4100.420.27.8 DIG	23	2790	2700	440
4100.420.30.8 DIG	23	2920	3000	440
4100.420.40.8 DIG	23	3040	4000	440

### black RAL 9005, on/off

Article	Watt	Lumen	Kelvin	Ø
4100.250.27.2	14	1640	2700	270
4100.250.30.2	14	1710	3000	270
4100.250.40.2	14	1790	4000	270
4100.420.27.2	23	2790	2700	440
4100.420.30.2	23	2920	3000	440
4100.420.40.2	23	3040	4000	440

### black RAL 9005, dimmable DALI/TouchDIM

Article	Watt	Lumen	Kelvin	Ø
4100.250.27.2 DIG	14	1640	2700	270
4100.250.30.2 DIG	14	1710	3000	270
4100.250.40.2 DIG	14	1790	4000	270
4100.420.27.2 DIG	23	2790	2700	440
4100.420.30.2 DIG	23	2920	3000	440
4100.420.40.2 DIG	23	3040	4000	440



## Mounted lamps Ø 270/440 mm

ARVA with acrylic glass diffuser fine matt finish

### white RAL 9003, on/off

Article	Watt	Lumen	Kelvin	Ø
4100.250.27.3	14	1640	2700	270
4100.250.30.3	14	1710	3000	270
4100.250.40.3	14	1790	4000	270
4100.420.27.3	23	2790	2700	440
4100.420.30.3	23	2920	3000	440
4100.420.40.3	23	3040	4000	440

### white RAL 9003, dimmable DALI/TouchDIM

Article	Watt	Lumen	Kelvin	Ø
4100.250.27.3 DIG	14	1640	2700	270
4100.250.30.3 DIG	14	1710	3000	270
4100.250.40.3 DIG	14	1790	4000	270
4100.420.27.3 DIG	23	2790	2700	440
4100.420.30.3 DIG	23	2920	3000	440
4100.420.40.3 DIG	23	3040	4000	440

## Pendant lamps Ø 270/440 mm

ARVA with acrylic glass diffuser fine matt finish



- Mounting: For mounting on the ceiling, black cable diam. 7 mm with steel cord, length 2500 mm
- Lamp housing: Diecast aluminium
- Optics: Acrylic glass diffuser, fine mat
- Lamps: LED CRI 85, 2700 K, 3000 K or 4000 K, integrated
- Service life: 100'000h L80 B10 (Ta 25° C)
- Control gear: PS 230 V/50 Hz
- Lamp protection class: I
- Protection level: IP 40
- Energy efficiency class: A to A++, includes built-in LED lamps, unexchangeable lamps

### grey RAL 9006, on/off

Article	Watt	Lumen	Kelvin	Ø
4110.250.27.8	18	1860	2700	270
4110.250.30.8	18	1940	3000	270
4110.250.40.8	18	2030	4000	270
4110.420.27.8	34	3450	2700	440
4110.420.30.8	34	3600	3000	440
4110.420.40.8	34	3760	4000	440

### grey RAL 9006, dimmable DALI/TouchDIM

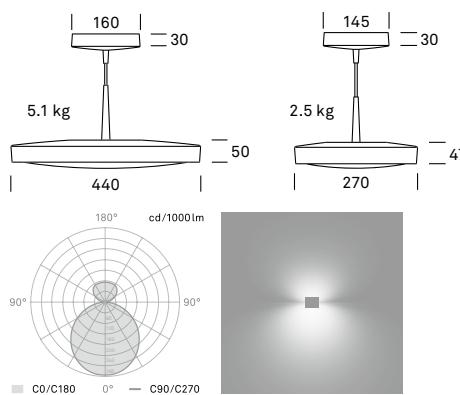
Article	Watt	Lumen	Kelvin	Ø
4110.250.27.8 DIG	18	1860	2700	270
4110.250.30.8 DIG	18	1940	3000	270
4110.250.40.8 DIG	18	2030	4000	270
4110.420.27.8 DIG	34	3450	2700	440
4110.420.30.8 DIG	34	3600	3000	440
4110.420.40.8 DIG	34	3760	4000	440

### black RAL 9005, on/off

Article	Watt	Lumen	Kelvin	Ø
4110.250.27.2	18	1860	2700	270
4110.250.30.2	18	1940	3000	270
4110.250.40.2	18	2030	4000	270
4110.420.27.2	34	3450	2700	440
4110.420.30.2	34	3600	3000	440
4110.420.40.2	34	3760	4000	440

### black RAL 9005, dimmable DALI/TouchDIM

Article	Watt	Lumen	Kelvin	Ø
4110.250.27.2 DIG	18	1860	2700	270
4110.250.30.2 DIG	18	1940	3000	270
4110.250.40.2 DIG	18	2030	4000	270
4110.420.27.2 DIG	34	3450	2700	440
4110.420.30.2 DIG	34	3600	3000	440
4110.420.40.2 DIG	34	3760	4000	440



## Pendant lamps Ø 270/440 mm

ARVA with acrylic glass diffuser fine matt finish

### white RAL 9003, on/off

Article	Watt	Lumen	Kelvin	Ø
4110.250.27.3	18	1860	2700	270
4110.250.30.3	18	1940	3000	270
4110.250.40.3	18	2030	4000	270
4110.420.27.3	34	3450	2700	440
4110.420.30.3	34	3600	3000	440
4110.420.40.3	34	3760	4000	440

### white RAL 9003, dimmable DALI/TouchDIM

Article	Watt	Lumen	Kelvin	Ø
4110.250.27.3 DIG	18	1860	2700	270
4110.250.30.3 DIG	18	1940	3000	270
4110.250.40.3 DIG	18	2030	4000	270
4110.420.27.3 DIG	34	3450	2700	440
4110.420.30.3 DIG	34	3600	3000	440
4110.420.40.3 DIG	34	3760	4000	440

## Mounted lamps with external control gear

ARVA with acrylic glass diffuser fine matt finish



- Mounting: Can be mounted on the ceiling or wall
- Lamp housing: Diecast aluminium
- Optics: Acrylic glass diffuser, fine mat
- Lamps: LED CRI 85, 2700 K, 3000 K or 4000 K, integrated
- Service life: 100'000h L80 B10 (Ta 25° C)
- Control gear: PS 230 V/50 Hz, constant current 250 mA (order separately)
- Lamp protection class: III
- Protection level: IP 54
- Energy efficiency class: A to A++, includes built-in LED lamps, unexchangeable lamps

### grey RAL 9006

Article	Watt	Lumen	Kelvin	Ø
4120.120.27.8	4	490	2700	140
4120.120.30.8	4	510	3000	140
4120.120.40.8	4	540	4000	140

### black RAL 9005

Article	Watt	Lumen	Kelvin	Ø
4120.120.27.2	4	490	2700	140
4120.120.30.2	4	510	3000	140
4120.120.40.2	4	540	4000	140

### white RAL 9003

Article	Watt	Lumen	Kelvin	Ø
4120.120.27.3	4	490	2700	140
4120.120.30.3	4	510	3000	140
4120.120.40.3	4	540	4000	140

## Control gears for mounted lamps with acrylic glass diffuser fine matt finish

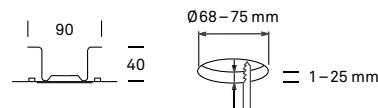
- Control gears 230 V/50–60 Hz
- Constant current 250 mA
- with short circuit and overload protection
- max. 1 lamp per control gear

Article	Watt	Light control	Dimension (mm)
915.006.250	4	on/off	40 x 42 x 22
915.019.250 DIG	4	DALI/TouchDIM	119 x 53 x 30

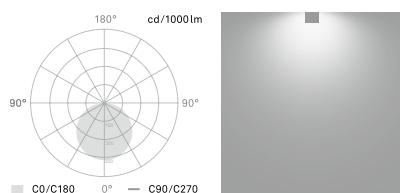
## Cavity adapter for ARVA mounted lamps/ceiling lamps with external control gear

- suitable for mounting in suspended ceilings and installation housing
- order control gear separately

Article
4110.120.21.9



0.8 kg | 43  
| 140 |



## Pendant lamps Ø 140 mm

ARVA with acrylic glass diffuser fine matt finish



- Mounting: For mounting on the ceiling, black cable diam. 5 mm, length 2500 mm
- Lamp housing: Diecast aluminium
- Optics: Acrylic glass diffuser, fine mat
- Lamps: LED CRI 85, 2700 K, 3000 K or 4000 K, integrated
- Service life: 100'000h L80 B10 (Ta 25° C)
- Control gear: EB 230 V/50 Hz, constant current 250 mA (order the canopy with control gear separately)
- Lamp protection class: I
- Protection level: IP 40
- Energy efficiency class: A to A++, includes built-in LED lamps, unexchangeable lamps

### grey RAL 9006

Article	Watt	Lumen	Kelvin	Ø
4110.120.27.8	4	490	2700	140
4110.120.30.8	4	510	3000	140
4110.120.40.8	4	540	4000	140

### black RAL 9005

Article	Watt	Lumen	Kelvin	Ø
4110.120.27.2	4	490	2700	140
4110.120.30.2	4	510	3000	140
4110.120.40.2	4	540	4000	140

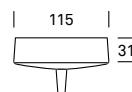
### white RAL 9003

Article	Watt	Lumen	Kelvin	Ø
4110.120.27.3	4	490	2700	140
4110.120.30.3	4	510	3000	140
4110.120.40.3	4	540	4000	140

## Canopy with control gear for pendant lamps with acrylic glass diffuser

- Mounting: for mounting on the ceiling
- Housing: aluminium
- Control gear: EB 230 V/50 Hz

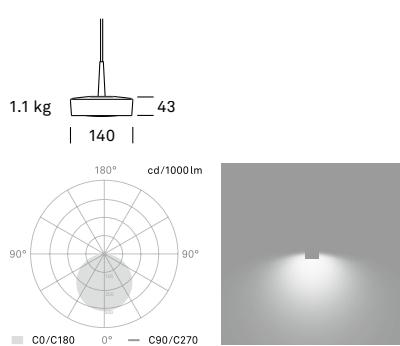
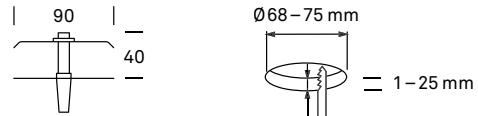
Article	Color	Light control
4110.120.01.8	grey RAL 9006	on/off
4110.120.01.8 DIG	grey RAL 9006	DALI/TouchDIM
4110.120.01.2	black RAL 9005	on/off
4110.120.01.2 DIG	black RAL 9005	DALI/TouchDIM
4110.120.01.3	white RAL 9003	on/off
4110.120.01.3 DIG	white RAL 9003	DALI/TouchDIM



## Cavity adapter for pendant lamps Ø 140

- Housing: steel
- order control gear separately

Article	Color
4110.120.11.8	grey RAL 9006
4110.120.11.3	white RAL 9003
4110.120.11.2	black RAL 9005



## Ceiling lamps with external control gear

ARVA with lens optics



- Mounting: For mounting on the ceiling
- Lamp housing: Diecast aluminium
- Optics: High-quality glass lens technology with a beam angle of 60°, order interchangeable shades separately
- Lamps: LED CRI 95, 2700 K, 3000 K or 4000 K, integrated
- Service life: 100'000h L80 B10 (Ta 25° C)
- Control gear: EB 230 V/50 Hz, constant current 350 mA, order separately
- Lamp protection class: III
- Protection level: IP 43
- Energy efficiency class: A to A++, includes built-in LED lamps, unexchangeable lamps

### grey RAL 9006

Article	Watt	Lumen	Kelvin	Ø
4123.120.27.8	14	1260	2700	140
4123.120.30.8	14	1290	3000	140
4123.120.40.8	14	1350	4000	140

### black RAL 9005

Article	Watt	Lumen	Kelvin	Ø
4123.120.27.2	14	1260	2700	140
4123.120.30.2	14	1290	3000	140
4123.120.40.2	14	1350	4000	140

### white RAL 9003

Article	Watt	Lumen	Kelvin	Ø
4123.120.27.3	14	1260	2700	140
4123.120.30.3	14	1290	3000	140
4123.120.40.3	14	1350	4000	140

## Interchangeable shade



- Simple assembly without tools
- Suitable for ARVA with lens optics

Article	Material	Color
4111.120.02.8	Metal	grey RAL 9006
4111.120.02.2	Metal	black RAL 9005
4111.120.02.3	Metal	white RAL 9003
4111.120.02.10	Wood	oak
4111.120.02.11	Wood	black walnut
4111.120.02.12	Leather	Rancho Terra with decorative stitching
4111.120.02.13	Leather	Velluto Lava

## Control gears for ceiling lamps with lens optics

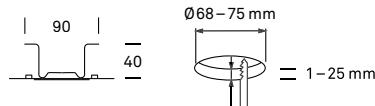
- Control gears 230 V/50–60 Hz
- Constant current 350 mA
- with short circuit and overload protection
- max. 1 lamp per device

Article	Watt	Light control	Dimension (mm)
915.019.350	14	on/off	120 x 52 x 22
915.019.350 DIG	14	DALI/TouchDIM	119 x 53 x 30

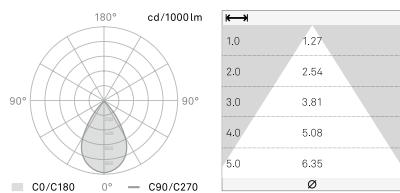
## Cavity adapter for ARVA mounted lamps/ceiling lamps with external control gear

- suitable for mounting in suspended ceilings and installation housing
- order control gear separately

Article
4110.120.21.9



1 kg | 43 | 140 |



## Mounted lamps AC (230 V)

ARVA with lens optics



- Mounting: For mounting on the ceiling and connection to 230 V AC / 50 Hz mains voltage, dimmable with phase-cut dimmer
- Lamp housing: Diecast aluminium
- Optics: High-quality glass lens technology with a beam angle of 60°, order interchangeable shades separately
- Lamps: LED CRI 90, 2700 K or 3000 K (4000 K on request), integrated
- Service life: 50'000h L80 B10 (Ta 25° C)
- Control gear: PS 230 V/50 Hz
- Lamp protection class: I
- Protection level: IP 43
- Energy efficiency class: A to A++, includes built-in LED lamps, unexchangeable lamps

### grey RAL 9006, dimmable with phase-cut dimmer

Article	Watt	Lumen	Kelvin	Ø
4123.120.27.8 D	13	920	2700	140
4123.120.30.8 D	12	920	3000	140

### black RAL 9005, dimmable with phase-cut dimmer

Article	Watt	Lumen	Kelvin	Ø
4123.120.27.2 D	13	920	2700	140
4123.120.30.2 D	12	920	3000	140

### white RAL 9003, dimmable with phase-cut dimmer

Article	Watt	Lumen	Kelvin	Ø
4123.120.27.3 D	13	920	2700	140
4123.120.30.3 D	12	920	3000	140

## Interchangeable shade



- Simple assembly without tools
- Suitable for ARVA with lens optics

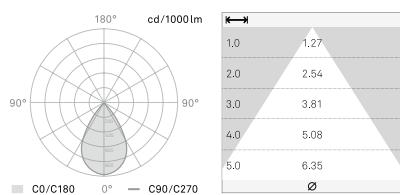
Article	Material	Color
4111.120.02.8	Metal	grey RAL 9006
4111.120.02.2	Metal	black RAL 9005
4111.120.02.3	Metal	white RAL 9003
4111.120.02.10	Wood	oak
4111.120.02.11	Wood	black walnut
4111.120.02.12	Leather	Rancho Terra with decorative stitching
4111.120.02.13	Leather	Velluto Lava

## Distance ring for ARVA ceiling lamps AC (230 V)

- Distance ring Polyamide black
- For cavity formation in confined spaces
- Distance height 12 mm

Article	Color
4121.120.21.2	black

1 kg 43  
| 140 |



## Pendant lamps

ARVA with lens optics



- Mounting: For mounting on the ceiling, black cable diam. 5 mm, length 2500 mm
- Lamp housing: Diecast aluminium
- Optics: High-quality glass lens technology with a beam angle of 60°, order interchangeable shades separately
- Lamps: LED CRI 95, 2700 K, 3000 K or 4000 K, integrated
- Service life: 100'000h L80 B10 (Ta 25° C)
- Control gear: EB 230 V/50 Hz, constant current 350 mA, order the control gear with canopy or mounting rail separately
- Lamp protection class: I
- Protection level: IP 40
- Energy efficiency class: A to A++, includes built-in LED lamps, unexchangeable lamps

### grey RAL 9006

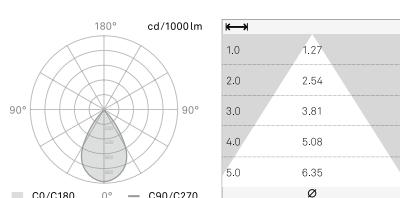
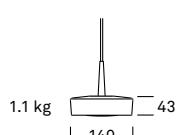
Article	Watt	Lumen	Kelvin	Ø
4113.120.27.8	14	1260	2700	140
4113.120.30.8	14	1290	3000	140
4113.120.40.8	14	1350	4000	140

### black RAL 9005

Article	Watt	Lumen	Kelvin	Ø
4113.120.27.2	14	1260	2700	140
4113.120.30.2	14	1290	3000	140
4113.120.40.2	14	1350	4000	140

### white RAL 9003

Article	Watt	Lumen	Kelvin	Ø
4113.120.27.3	14	1260	2700	140
4113.120.30.3	14	1290	3000	140
4113.120.40.3	14	1350	4000	140



## Interchangeable shade



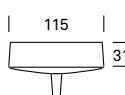
- Simple assembly without tools
- Suitable for ARVA with lens optics

Article	Material	Color
4111.120.02.8	Metal	grey RAL 9006
4111.120.02.2	Metal	black RAL 9005
4111.120.02.3	Metal	white RAL 9003
4111.120.02.10	Wood	oak
4111.120.02.11	Wood	black walnut
4111.120.02.12	Leather	Rancho Terra with decorative stitching
4111.120.02.13	Leather	Velluto Lava

## Canopy with control gear for pendant lamps with lens optics

- Mounting: for mounting on the ceiling
- Control gear: EB 230 V/50 Hz

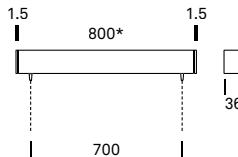
Article	Color	Light control
4111.120.01.8	grey RAL 9006	on/off
4111.120.01.8 DIG	grey RAL 9006	DALI/TouchDIM
4111.120.01.2	black RAL 9005	on/off
4111.120.01.2 DIG	black RAL 9005	DALI/TouchDIM
4111.120.01.3	white RAL 9003	on/off
4111.120.01.3 DIG	white RAL 9003	DALI/TouchDIM



## Mounting rails for 2 pendant lamps with lens optics

- Mounting rail: extruded aluminium section
- Feed-through wiring: 5 x 1.5 mm², for series mounting
- Compatible with the METRON system
- Connecting plate: order separately

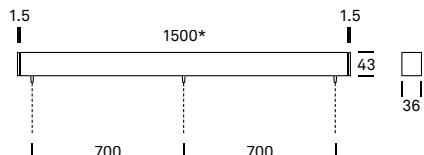
Article	Color	Light control
4111.080.02.0	natural anodised	on/off
4111.080.02.0 DIG	natural anodised	dimmable DALI
4111.080.02.2	black RAL 9005	on/off
4111.080.02.2 DIG	black RAL 9005	dimmable DALI
4111.080.02.3	white RAL 9003	on/off
4111.080.02.3 DIG	white RAL 9003	dimmable DALI



**Mounting rails for 3 pendant lamps with lens optics**

- Mounting rail: extruded aluminium section
- Feed-through wiring: 5 x 1.5 mm<sup>2</sup>, for series mounting
- Compatible with the METRON system
- Connecting plate: order separately

Article	Color	Light control
4111.150.03.0	natural anodised	on/off
4111.150.03.0 DIG	natural anodised	dimmable DALI
4111.150.03.2	black RAL 9005	on/off
4111.150.03.2 DIG	black RAL 9005	dimmable DALI
4111.150.03.3	white RAL 9003	on/off
4111.150.03.3 DIG	white RAL 9003	dimmable DALI

**Pendant lamps AC (230V)**

ARVA with lens optics



- Mounting: For mounting on the ceiling and connection to 230 V AC / 50 Hz mains voltage, dimmable with phase-cut dimmer, black cable Ø 5 mm, length 2500 mm
- Lamp housing: Diecast aluminium
- Optics: High-quality glass lens technology with a beam angle of 60°, order interchangeable shades separately
- Lamps: LED CRI 90, 2700 K or 3000 K (4000 K on request), integrated
- Service life: 50'000h L80 B10 (Ta 25° C)
- Control gear: PS 230 V/50 Hz
- Lamp protection class: I
- Protection level: IP 40
- Energy efficiency class: A to A++, includes built-in LED lamps, unexchangeable lamps

**grey RAL 9006, dimmable with phase-cut dimmer**

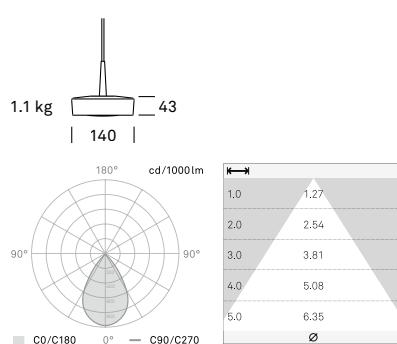
Article	Watt	Lumen	Kelvin	Ø
4113.120.27.8 D	13	920	2700	140
4113.120.30.8 D	12	920	3000	140

**black RAL 9005, dimmable with phase-cut dimmer**

Article	Watt	Lumen	Kelvin	Ø
4113.120.27.2 D	13	920	2700	140
4113.120.30.2 D	12	920	3000	140

**white RAL 9003, dimmable with phase-cut dimmer**

Article	Watt	Lumen	Kelvin	Ø
4113.120.27.3 D	13	920	2700	140
4113.120.30.3 D	12	920	3000	140



## Interchangeable shade



- Simple assembly without tools
- Suitable for ARVA with lens optics

Article	Material	Color
4111.120.02.8	Metal	grey RAL 9006
4111.120.02.2	Metal	black RAL 9005
4111.120.02.3	Metal	white RAL 9003
4111.120.02.10	Wood	oak
4111.120.02.11	Wood	black walnut
4111.120.02.12	Leather	Rancho Terra with decorative stitching
4111.120.02.13	Leather	Velluto Lava

## Canopy

- Mounting: for mounting on the ceiling

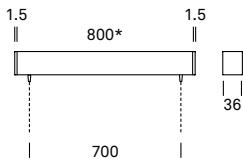
Article	Color
4085.221.8	grey RAL 9006
4085.221.22	black RAL 9005
4085.221.3	white RAL 9003



## Mounting rails for 2 pendant lamps AC with lens optics

- Mounting rail: extruded aluminium section
- Feed-through wiring: 5 x 1.5 mm<sup>2</sup>, for series mounting
- Compatible with the METRON system
- Connecting plate: order separately

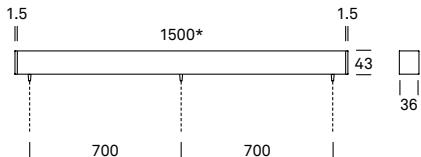
Article	Color	Lenght
4085.222.0	natural anodised	800
4085.222.2	black RAL 9005	800
4085.222.3	white RAL 9003	800



## Mounting rails for 3 pendant lamps AC with lens optics

- Mounting rail: extruded aluminium section
- Feed-through wiring: 5 x 1.5 mm<sup>2</sup>, for series mounting
- Compatible with the METRON system
- Connecting plate: order separately

Article	Color	Lenght
4085.223.0	natural anodised	1500
4085.223.2	black RAL 9005	1500
4085.223.3	white RAL 9003	1500



## Multi-adapter for 3-phase lighting track

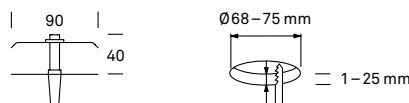
- For lighting track from Eutrac, Global Trac
- Housing: polycarbonate V0
- With protective conductor connection and phase selector

Article	Color
912.000.8	silver
912.000.2	black
912.000.3	white

## Cavity adapter for pendant lamps Ø 140

- Housing: steel
- order control gear separately

Article	Color
4110.120.11.8	grey RAL 9006
4110.120.11.2	black RAL 9005
4110.120.11.3	white RAL 9003







# CUBO



Wall lamps

136

## Wall lamps

CUBO



- Mounting: Can be mounted on the wall, with patented plug connection for easy to install lighting
- Lamp housing: Diecast aluminium
- Optics: Microprism diffuser for optimum anti-glare
- Lamps: LED CRI 85, 2700 K, 3000 K or 4000 K, integrated
- Service life: 100'000h L80 B10 (Ta 25° C)
- Control gear: PS 230 V/50 Hz
- Lamp protection class: I
- Protection level: IP 20
- Energy efficiency class: A to A++, includes built-in LED lamps, unexchangeable lamps

### grey RAL 9006, on/off

Article	Watt	Lumen	Kelvin
4055.27.8	13	1500	2700
4055.30.8	13	1570	3000
4055.40.8	13	1640	4000

### grey RAL 9006, dimmable DALI/TouchDIM

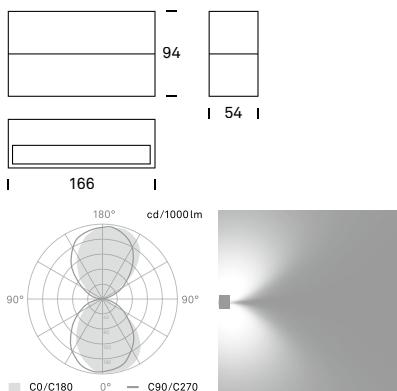
Article	Watt	Lumen	Kelvin
4055.27.8 DIG	13	1500	2700
4055.30.8 DIG	13	1570	3000
4055.40.8 DIG	13	1640	4000

### white RAL 9003, on/off

Article	Watt	Lumen	Kelvin
4055.27.3	13	1500	2700
4055.30.3	13	1570	3000
4055.40.3	13	1640	4000

### white RAL 9003, dimmable DALI/TouchDIM

Article	Watt	Lumen	Kelvin
4055.27.3 DIG	13	1500	2700
4055.30.3 DIG	13	1570	3000
4055.40.3 DIG	13	1640	4000







# LUNIK



**Recessed spotlights with trim ring**

140



**Recessed spotlight for rimless installation**

140

## with trim ring

LUNIK



- Mounting: Suitable for installing in cavity ceilings and concrete ceilings with Kaiser concrete moulded housing Halox-0 No. 1281
- Lamp housing: Diecast aluminium
- Optics: Reflector unit with bayonet fitting 25°, 35° or 45° (order separately)
- Lamps: LED CRI 95, 2700 K, 3000 K or 4000 K, integrated
- Service life: 100'000h L80 B10 (Ta 25° C)
- Control gear: PS 230 V/50 Hz, constant current 350 mA (order separately)
- Lamp protection class: III
- Protection level: IP 54
- Energy efficiency class: A to A++, includes built-in LED lamps, unexchangeable lamps

## grey RAL 9006

Article	Watt	Lumen	Kelvin
4300.005.27.8	14	1150	2700
4300.005.30.8	14	1180	3000
4300.005.40.8	14	1240	4000

## pearl beige RAL 1035

Article	Watt	Lumen	Kelvin
4300.005.27.9	14	1150	2700
4300.005.30.9	14	1180	3000
4300.005.40.9	14	1240	4000

## black RAL 9005

Article	Watt	Lumen	Kelvin
4300.005.27.2	14	1150	2700
4300.005.30.2	14	1180	3000
4300.005.40.2	14	1240	4000

## white RAL 9003

Article	Watt	Lumen	Kelvin
4300.005.27.3	14	1150	2700
4300.005.30.3	14	1180	3000
4300.005.40.3	14	1240	4000

## for rimless installation

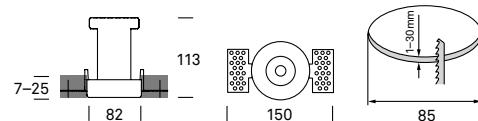
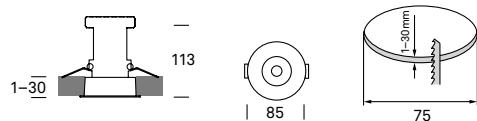
LUNIK



- Mounting: With plastering edge for rimless installations in plaster ceilings (flush plaster ring to be ordered separately)
- Lamp housing: Diecast aluminium
- Optics: Reflector unit with bayonet fitting 25°, 35° or 45° (order separately)
- Lamps: LED CRI 95, 2700 K, 3000 K or 4000 K, integrated
- Service life: 100'000h L80 B10 (Ta 25° C)
- Control gear: PS 230 V/50 Hz, constant current 350 mA (order separately)
- Lamp protection class: III
- Protection level: IP 54
- Energy efficiency class: A to A++, includes built-in LED lamps, unexchangeable lamps

## white RAL 9003

Article	Watt	Lumen	Kelvin
4300.010.27.3	14	1150	2700
4300.010.30.3	14	1180	3000
4300.010.40.3	14	1240	4000



## Flush plaster ring to recessed spotlights



- for rimless flush-mountend in plaster ceiling

Article	Color
4300.010.00.3	white RAL 9003

## Downlight reflectors



- Simple assembly without tools
- Inclusive diffuser transparent

Article	∅°	Color
4300.000.25.8	25	grey RAL 9006
4300.000.35.8	35	grey RAL 9006
4300.000.45.8	45	grey RAL 9006
4300.000.25.2	25	black RAL 9005
4300.000.35.2	35	black RAL 9005
4300.000.45.2	45	black RAL 9005
4300.000.25.3	25	white RAL 9003
4300.000.35.3	35	white RAL 9003
4300.000.45.3	45	white RAL 9003
4300.000.25.9	25	pearl beige RAL 1035
4300.000.35.9	35	pearl beige RAL 1035
4300.000.45.9	45	pearl beige RAL 1035
4300.000.25.1	25	chrome polished
4300.000.35.1	35	chrome polished
4300.000.45.1	45	chrome polished
4300.000.25.6	25	gold polished
4300.000.35.6	35	gold polished
4300.000.45.6	45	gold polished

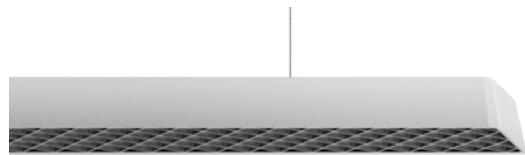
## Control gears

- Control gear 230V/50–60 Hz
- Constant current 350 mA
- With short-circuit and overload protection
- max. 1 lamp per control gear

Article	Watt	Light control	Dimension (mm)
915.019.350	14	on/off	120 x 52 x 22
915.019.350 DIG	14	DALI/TouchDIM	119 x 53 x 30



# MESH



Pendant lamps

144

## Pendant lamps

MESH



- Mounting: For mounting on ceiling, 2 nickel plated steel suspension cables, length 2500 mm, height is freely adjustable, black cable Ø 7 mm, 5 x 0.75 mm<sup>2</sup> (DALI)
- Lamp housing: Extruded aluminium
- Optics: Micro-lens technology with grid structure, black, anti-glare according to EN 12464-1, 35% direct / 65% indirect beam
- Lamps: LED CRI 85, 3000 K or 4000 K, integrated
- Service life: 100'000h L80 B10 (Ta 25° C)
- Control gear: EB 230 V/50 Hz, dimmable DALI
- Lamp protection class: I
- Protection level: IP 20
- Energy efficiency class: A to A++, includes built-in LED lamps, unexchangeable lamps

### grey RAL 9006, dimmable DALI/TouchDIM

Article	Watt	Lumen	Kelvin	Lengtht
4092.120.30.8 DIG	60	7600	3000	1213
4092.120.40.8 DIG	60	7900	4000	1213
4092.150.30.8 DIG	77	9800	3000	1510
4092.150.40.8 DIG	77	10200	4000	1510
4092.180.30.8 DIG	94	11900	3000	1808
4092.180.40.8 DIG	94	12400	4000	1808

### black RAL 9005, dimmable DALI/TouchDIM

Article	Watt	Lumen	Kelvin	Lengtht
4092.120.30.2 DIG	60	7600	3000	1213
4092.120.40.2 DIG	60	7900	4000	1213
4092.150.30.2 DIG	77	9800	3000	1510
4092.150.40.2 DIG	77	10200	4000	1510
4092.180.30.2 DIG	94	11900	3000	1808
4092.180.40.2 DIG	94	12400	4000	1808

### white RAL 9003, dimmable DALI/TouchDIM

Article	Watt	Lumen	Kelvin	Lengtht
4092.120.30.3 DIG	60	7600	3000	1213
4092.120.40.3 DIG	60	7900	4000	1213
4092.150.30.3 DIG	77	9800	3000	1510
4092.150.40.3 DIG	77	10200	4000	1510
4092.180.30.3 DIG	94	11900	3000	1808
4092.180.40.3 DIG	94	12400	4000	1808

## Pendant lamps

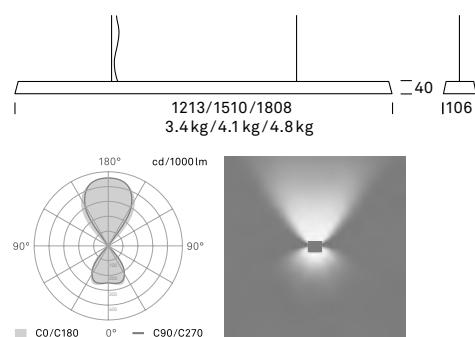
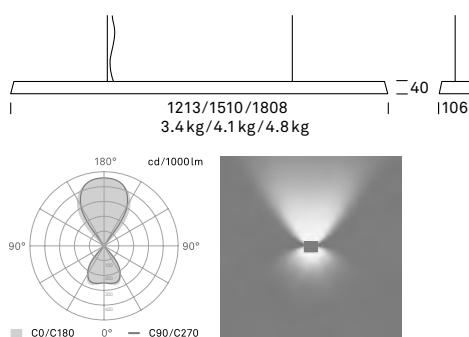
MESH special edition



- Mounting: For mounting on ceiling, 2 nickel plated steel suspension cables, length 2500 mm, height is freely adjustable, black cable Ø 7 mm, 5 x 0.75 mm<sup>2</sup> (DALI)
- Lamp housing: Extruded aluminium
- Optics: Micro-lens technology with grid structure, bronze, anti-glare according to EN 12464-1, 35% direct / 65% indirect beam
- Lamps: LED CRI 85, 3000 K or 4000 K, integrated
- Service life: 100'000h L80 B10 (Ta 25° C)
- Control gear: EB 230 V/50 Hz, dimmable DALI
- Lamp protection class: I
- Protection level: IP 20
- Energy efficiency class: A to A++, includes built-in LED lamps, unexchangeable lamps

### black RAL 9005, dimmable DALI/TouchDIM

Article	Watt	Lumen	Kelvin	Lengtht
4092.120.30.9 DIG	60	7600	3000	1213
4092.120.40.9 DIG	60	7900	4000	1213
4092.150.30.9 DIG	77	9800	3000	1510
4092.150.40.9 DIG	77	10200	4000	1510
4092.180.30.9 DIG	94	11900	3000	1808
4092.180.40.9 DIG	94	12400	4000	1808



## Canopy for pendant lamps

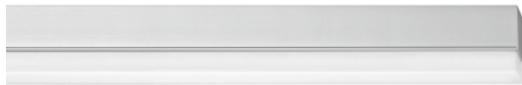
– Suitable for vertical and horizontal cable feeds

Article	Color	Dimension (mm)
212.500.0	grey RAL 9006	Ø100
212.500.2	black RAL 9005	Ø100
212.500.3	white RAL 9003	Ø100





# METRON



**Mounted and pendant lamps**  
with acrylic glass diffuser opal

148



**Office Mounted and pendant lamps**  
with acrylic glass diffusor with microprism optics

152



**Downlight Mounted and pendant lamps**  
with lens optics

154



**Mounted profile spotlights**  
2-flame with SPYKE profile spotlights

157



**Mounted profile spotlights**  
2-flame with VERTICO profile spotlights

158



**Mounted lamps**  
with shade 80

158

## Mounted lamps

METRON with diffuser opal



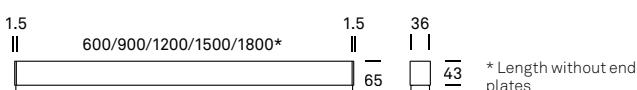
- Mounting: Can be mounted on the ceiling or wall with patented plug connection for easy to install lighting
- Feed-through wiring: 5 x 1.5 mm<sup>2</sup>, for series mounting
- Lamp housing: Extruded aluminium
- Optics: Acrylic glass diffuser, opal
- Lamps: LED CRI 85, 2700 K, 3000 K or 4000 K, integrated
- Service life: 100'000h L80 B10 (Ta 25° C)
- Control gear: PS 230 V/50 Hz
- Lamp protection class: I
- Protection level: IP 50 /IP 54 for vertical mounting
- Energy efficiency class: A to A++, includes built-in LED lamps, unexchangeable lamps

## natural anodised, on/off

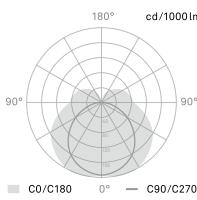
Article	Watt	Lumen	Kelvin	Lenght
4060.060.27.0	11	1410	2700	600
4060.060.30.0	11	1480	3000	600
4060.060.40.0	11	1540	4000	600
4060.090.27.0	16	2120	2700	900
4060.090.30.0	16	2210	3000	900
4060.090.40.0	16	2310	4000	900
4060.120.27.0	21	2820	2700	1200
4060.120.30.0	21	2950	3000	1200
4060.120.40.0	21	3080	4000	1200
4060.150.27.0	27	3520	2700	1500
4060.150.30.0	27	3680	3000	1500
4060.150.40.0	27	3840	4000	1500
4060.180.27.0	32	4230	2700	1800
4060.180.30.0	32	4420	3000	1800
4060.180.40.0	32	4610	4000	1800

## natural anodised, dimmable DALI/TouchDIM

Article	Watt	Lumen	Kelvin	Lenght
4060.060.27.0 DIG	11	1410	2700	600
4060.060.30.0 DIG	11	1480	3000	600
4060.060.40.0 DIG	11	1540	4000	600
4060.090.27.0 DIG	16	2120	2700	900
4060.090.30.0 DIG	16	2210	3000	900
4060.090.40.0 DIG	16	2310	4000	900
4060.120.27.0 DIG	21	2820	2700	1200
4060.120.30.0 DIG	21	2950	3000	1200
4060.120.40.0 DIG	21	3080	4000	1200
4060.150.27.0 DIG	27	3520	2700	1500
4060.150.30.0 DIG	27	3680	3000	1500
4060.150.40.0 DIG	27	3840	4000	1500
4060.180.27.0 DIG	32	4230	2700	1800
4060.180.30.0 DIG	32	4420	3000	1800
4060.180.40.0 DIG	32	4610	4000	1800



\* Length without end plates



## Mounted lamps

METRON with diffuser opal

### black RAL 9005, on/off

Article	Watt	Lumen	Kelvin	Lenght
4060.060.27.2	11	1410	2700	600
4060.060.30.2	11	1480	3000	600
4060.060.40.2	11	1540	4000	600
4060.090.27.2	16	2120	2700	900
4060.090.30.2	16	2210	3000	900
4060.090.40.2	16	2310	4000	900
4060.120.27.2	21	2820	2700	1200
4060.120.30.2	21	2950	3000	1200
4060.120.40.2	21	3080	4000	1200
4060.150.27.2	27	3520	2700	1500
4060.150.30.2	27	3680	3000	1500
4060.150.40.2	27	3840	4000	1500
4060.180.27.2	32	4230	2700	1800
4060.180.30.2	32	4420	3000	1800
4060.180.40.2	32	4610	4000	1800

### black RAL 9005, dimmable DALI/TouchDIM

Article	Watt	Lumen	Kelvin	Lenght
4060.060.27.2 DIG	11	1410	2700	600
4060.060.30.2 DIG	11	1480	3000	600
4060.060.40.2 DIG	11	1540	4000	600
4060.090.27.2 DIG	16	2120	2700	900
4060.090.30.2 DIG	16	2210	3000	900
4060.090.40.2 DIG	16	2310	4000	900
4060.120.27.2 DIG	21	2820	2700	1200
4060.120.30.2 DIG	21	2950	3000	1200
4060.120.40.2 DIG	21	3080	4000	1200
4060.150.27.2 DIG	27	3520	2700	1500
4060.150.30.2 DIG	27	3680	3000	1500
4060.150.40.2 DIG	27	3840	4000	1500
4060.180.27.2 DIG	32	4230	2700	1800
4060.180.30.2 DIG	32	4420	3000	1800
4060.180.40.2 DIG	32	4610	4000	1800

### white RAL 9003, on/off

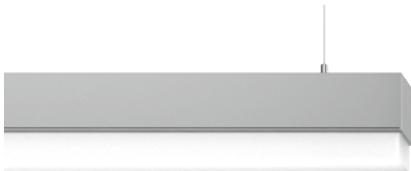
Article	Watt	Lumen	Kelvin	Lenght
4060.060.27.3	11	1410	2700	600
4060.060.30.3	11	1480	3000	600
4060.060.40.3	11	1540	4000	600
4060.090.27.3	16	2120	2700	900
4060.090.30.3	16	2210	3000	900
4060.090.40.3	16	2310	4000	900
4060.120.27.3	21	2820	2700	1200
4060.120.30.3	21	2950	3000	1200
4060.120.40.3	21	3080	4000	1200
4060.150.27.3	27	3520	2700	1500
4060.150.30.3	27	3680	3000	1500
4060.150.40.3	27	3840	4000	1500
4060.180.27.3	32	4230	2700	1800
4060.180.30.3	32	4420	3000	1800
4060.180.40.3	32	4610	4000	1800

### white RAL 9003, dimmable DALI/TouchDIM

Article	Watt	Lumen	Kelvin	Lenght
4060.060.27.3 DIG	11	1410	2700	600
4060.060.30.3 DIG	11	1480	3000	600
4060.060.40.3 DIG	11	1540	4000	600
4060.090.27.3 DIG	16	2120	2700	900
4060.090.30.3 DIG	16	2210	3000	900
4060.090.40.3 DIG	16	2310	4000	900
4060.120.27.3 DIG	21	2820	2700	1200
4060.120.30.3 DIG	21	2950	3000	1200
4060.120.40.3 DIG	21	3080	4000	1200
4060.150.27.3 DIG	27	3520	2700	1500
4060.150.30.3 DIG	27	3680	3000	1500
4060.150.40.3 DIG	27	3840	4000	1500
4060.180.27.3 DIG	32	4230	2700	1800
4060.180.30.3 DIG	32	4420	3000	1800
4060.180.40.3 DIG	32	4610	4000	1800

## Pendant lamps

METRON with diffuser opal



- Mounting: Can be mounted as a pendant lamp (order the pendant set separately) with patented plug connection for easy to install lighting
- Feed-through wiring: 5 x 1.5 mm<sup>2</sup>, for series mounting
- Lamp housing: Extruded aluminium
- Optics: Acrylic glass diffuser, opal
- Lamps: LED CRI 85, 2700 K, 3000 K or 4000 K, integrated
- Service life: 100'000h L80 B10 (Ta 25° C)
- Control gear: PS 230 V/50 Hz
- Lamp protection class: I
- Protection level: IP 50
- Energy efficiency class: A to A++, includes built-in LED lamps, unexchangeable lamps

## natural anodised, on/off

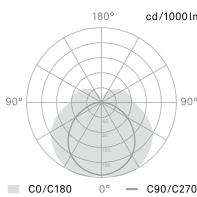
Article	Watt	Lumen	Kelvin	Lenght
4060.060.27.0	11	1410	2700	600
4060.060.30.0	11	1480	3000	600
4060.060.40.0	11	1540	4000	600
4060.090.27.0	16	2120	2700	900
4060.090.30.0	16	2210	3000	900
4060.090.40.0	16	2310	4000	900
4060.120.27.0	21	2820	2700	1200
4060.120.30.0	21	2950	3000	1200
4060.120.40.0	21	3080	4000	1200
4060.150.27.0	27	3520	2700	1500
4060.150.30.0	27	3680	3000	1500
4060.150.40.0	27	3840	4000	1500
4060.180.27.0	32	4230	2700	1800
4060.180.30.0	32	4420	3000	1800
4060.180.40.0	32	4610	4000	1800

## natural anodised, dimmable DALI/TouchDIM

Article	Watt	Lumen	Kelvin	Lenght
4060.060.27.0 DIG	11	1410	2700	600
4060.060.30.0 DIG	11	1480	3000	600
4060.060.40.0 DIG	11	1540	4000	600
4060.090.27.0 DIG	16	2120	2700	900
4060.090.30.0 DIG	16	2210	3000	900
4060.090.40.0 DIG	16	2310	4000	900
4060.120.27.0 DIG	21	2820	2700	1200
4060.120.30.0 DIG	21	2950	3000	1200
4060.120.40.0 DIG	21	3080	4000	1200
4060.150.27.0 DIG	27	3520	2700	1500
4060.150.30.0 DIG	27	3680	3000	1500
4060.150.40.0 DIG	27	3840	4000	1500
4060.180.27.0 DIG	32	4230	2700	1800
4060.180.30.0 DIG	32	4420	3000	1800
4060.180.40.0 DIG	32	4610	4000	1800

1.5  
||  
600/900/1200/1500/1800\*  
||  
1.5      36  
65      43

\* Length without end plates



## Pendant lamps

METRON with diffuser opal

### black RAL 9005, on/off

Article	Watt	Lumen	Kelvin	Lenght
4060.060.27.2	11	1410	2700	600
4060.060.30.2	11	1480	3000	600
4060.060.40.2	11	1540	4000	600
4060.090.27.2	16	2120	2700	900
4060.090.30.2	16	2210	3000	900
4060.090.40.2	16	2310	4000	900
4060.120.27.2	21	2820	2700	1200
4060.120.30.2	21	2950	3000	1200
4060.120.40.2	21	3080	4000	1200
4060.150.27.2	27	3520	2700	1500
4060.150.30.2	27	3680	3000	1500
4060.150.40.2	27	3840	4000	1500
4060.180.27.2	32	4230	2700	1800
4060.180.30.2	32	4420	3000	1800
4060.180.40.2	32	4610	4000	1800

### black RAL 9005, dimmable DALI/TouchDIM

Article	Watt	Lumen	Kelvin	Lenght
4060.060.27.2 DIG	11	1410	2700	600
4060.060.30.2 DIG	11	1480	3000	600
4060.060.40.2 DIG	11	1540	4000	600
4060.090.27.2 DIG	16	2120	2700	900
4060.090.30.2 DIG	16	2210	3000	900
4060.090.40.2 DIG	16	2310	4000	900
4060.120.27.2 DIG	21	2820	2700	1200
4060.120.30.2 DIG	21	2950	3000	1200
4060.120.40.2 DIG	21	3080	4000	1200
4060.150.27.2 DIG	27	3520	2700	1500
4060.150.30.2 DIG	27	3680	3000	1500
4060.150.40.2 DIG	27	3840	4000	1500
4060.180.27.2 DIG	32	4230	2700	1800
4060.180.30.2 DIG	32	4420	3000	1800
4060.180.40.2 DIG	32	4610	4000	1800

### white RAL 9003, on/off

Article	Watt	Lumen	Kelvin	Lenght
4060.060.27.3	11	1410	2700	600
4060.060.30.3	11	1480	3000	600
4060.060.40.3	11	1540	4000	600
4060.090.27.3	16	2120	2700	900
4060.090.30.3	16	2210	3000	900
4060.090.40.3	16	2310	4000	900
4060.120.27.3	21	2820	2700	1200
4060.120.30.3	21	2950	3000	1200
4060.120.40.3	21	3080	4000	1200
4060.150.27.3	27	3520	2700	1500
4060.150.30.3	27	3680	3000	1500
4060.150.40.3	27	3840	4000	1500
4060.180.27.3	32	4230	2700	1800
4060.180.30.3	32	4420	3000	1800
4060.180.40.3	32	4610	4000	1800

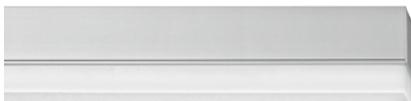
### white RAL 9003, dimmable DALI/TouchDIM

Article	Watt	Lumen	Kelvin	Lenght
4060.060.27.3 DIG	11	1410	2700	600
4060.060.30.3 DIG	11	1480	3000	600
4060.060.40.3 DIG	11	1540	4000	600
4060.090.27.3 DIG	16	2120	2700	900
4060.090.30.3 DIG	16	2210	3000	900
4060.090.40.3 DIG	16	2310	4000	900
4060.120.27.3 DIG	21	2820	2700	1200
4060.120.30.3 DIG	21	2950	3000	1200
4060.120.40.3 DIG	21	3080	4000	1200
4060.150.27.3 DIG	27	3520	2700	1500
4060.150.30.3 DIG	27	3680	3000	1500
4060.150.40.3 DIG	27	3840	4000	1500
4060.180.27.3 DIG	32	4230	2700	1800
4060.180.30.3 DIG	32	4420	3000	1800
4060.180.40.3 DIG	32	4610	4000	1800

Pendant sets and steel cable suspensions see page 160

## Mounted lamps

METRON with acrylic glass diffuser opal, with dot matrix



- Mounting: Can be mounted on the ceiling or wall with patented plug connection for easy to install lighting
- Feed-through wiring: 5 x 1.5 mm<sup>2</sup>, for series mounting
- Lamp housing: Extruded aluminium
- Optics: Acrylic glass diffuser opal with dot matrix
- Lamps: LED CRI 85, 2700 K, 3000 K or 4000 K, integrated
- Service life: 100'000h L80 B10 (Ta 25° C)
- Control gear: PS 230 V/50 Hz
- Lamp protection class: I
- Protection level: IP 50 /IP 54 for vertical mounting
- Energy efficiency class: A to A++, includes built-in LED lamps, unexchangeable lamps

## natural anodised, on/off

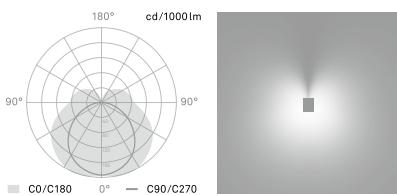
Article	Watt	Lumen	Kelvin	Lenght
4061.060.27.0	11	1310	2700	600
4061.060.30.0	11	1370	3000	600
4061.060.40.0	11	1430	4000	600
4061.090.27.0	16	1970	2700	900
4061.090.30.0	16	2060	3000	900
4061.090.40.0	16	2150	4000	900
4061.120.27.0	21	2620	2700	1200
4061.120.30.0	21	2740	3000	1200
4061.120.40.0	21	2860	4000	1200
4061.150.27.0	27	3280	2700	1500
4061.150.30.0	27	3430	3000	1500
4061.150.40.0	27	3570	4000	1500
4061.180.27.0	32	3930	2700	1800
4061.180.30.0	32	4110	3000	1800
4061.180.40.0	32	4290	4000	1800

## black RAL 9005, on/off

Article	Watt	Lumen	Kelvin	Lenght
4061.060.27.2	11	1310	2700	600
4061.060.30.2	11	1370	3000	600
4061.060.40.2	11	1430	4000	600
4061.090.27.2	16	1970	2700	900
4061.090.30.2	16	2060	3000	900
4061.090.40.2	16	2150	4000	900
4061.120.27.2	21	2620	2700	1200
4061.120.30.2	21	2740	3000	1200
4061.120.40.2	21	2860	4000	1200
4061.150.27.2	27	3280	2700	1500
4061.150.30.2	27	3430	3000	1500
4061.150.40.2	27	3570	4000	1500
4061.180.27.2	32	3930	2700	1800
4061.180.30.2	32	4110	3000	1800
4061.180.40.2	32	4290	4000	1800



\* Length without end plates



## Mounted lamps

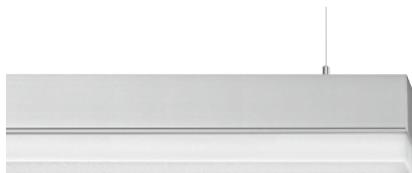
METRON with acrylic glass diffuser opal, with dot matrix

## white RAL 9003, on/off

Article	Watt	Lumen	Kelvin	Lenght
4061.060.27.3	11	1310	2700	600
4061.060.30.3	11	1370	3000	600
4061.060.40.3	11	1430	4000	600
4061.090.27.3	16	1970	2700	900
4061.090.30.3	16	2060	3000	900
4061.090.40.3	16	2150	4000	900
4061.120.27.3	21	2620	2700	1200
4061.120.30.3	21	2740	3000	1200
4061.120.40.3	21	2860	4000	1200
4061.150.27.3	27	3280	2700	1500
4061.150.30.3	27	3430	3000	1500
4061.150.40.3	27	3570	4000	1500
4061.180.27.3	32	3930	2700	1800
4061.180.30.3	32	4110	3000	1800
4061.180.40.3	32	4290	4000	1800

## Pendant lamps

METRON with acrylic glass diffuser opal, with dot matrix



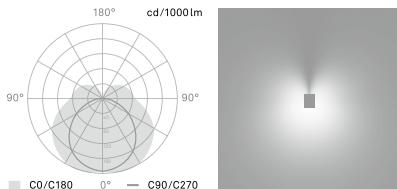
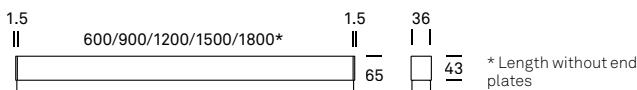
- Mounting: Can be mounted as a pendant lamp (order the pendant set separately) with patented plug connection for easy to install lighting
- Feed-through wiring: 5 x 1.5 mm<sup>2</sup>, for series mounting
- Lamp housing: Extruded aluminium
- Optics: Acrylic glass diffuser opal with dot matrix
- Lamps: LED CRI 85, 2700 K, 3000 K or 4000 K, integrated
- Service life: 100'000h L80 B10 (Ta 25° C)
- Control gear: PS 230 V/50 Hz
- Lamp protection class: I
- Protection level: IP 50
- Energy efficiency class: A to A++, includes built-in LED lamps, unexchangeable lamps

## natural anodised, on/off

Article	Watt	Lumen	Kelvin	Lenght
4061.060.27.0	11	1310	2700	600
4061.060.30.0	11	1370	3000	600
4061.060.40.0	11	1430	4000	600
4061.090.27.0	16	1970	2700	900
4061.090.30.0	16	2060	3000	900
4061.090.40.0	16	2150	4000	900
4061.120.27.0	21	2620	2700	1200
4061.120.30.0	21	2740	3000	1200
4061.120.40.0	21	2860	4000	1200
4061.150.27.0	27	3280	2700	1500
4061.150.30.0	27	3430	3000	1500
4061.150.40.0	27	3570	4000	1500
4061.180.27.0	32	3930	2700	1800
4061.180.30.0	32	4110	3000	1800
4061.180.40.0	32	4290	4000	1800

## black RAL 9005, on/off

Article	Watt	Lumen	Kelvin	Lenght
4061.060.27.2	11	1310	2700	600
4061.060.30.2	11	1370	3000	600
4061.060.40.2	11	1430	4000	600
4061.090.27.2	16	1970	2700	900
4061.090.30.2	16	2060	3000	900
4061.090.40.2	16	2150	4000	900
4061.120.27.2	21	2620	2700	1200
4061.120.30.2	21	2740	3000	1200
4061.120.40.2	21	2860	4000	1200
4061.150.27.2	27	3280	2700	1500
4061.150.30.2	27	3430	3000	1500
4061.150.40.2	27	3570	4000	1500
4061.180.27.2	32	3930	2700	1800
4061.180.30.2	32	4110	3000	1800
4061.180.40.2	32	4290	4000	1800



## Pendant lamps

METRON with acrylic glass diffuser opal, with dot matrix

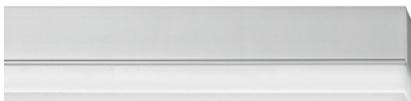
### white RAL 9003, on/off

Article	Watt	Lumen	Kelvin	Lenght
4061.060.27.3	11	1310	2700	600
4061.060.30.3	11	1370	3000	600
4061.060.40.3	11	1430	4000	600
4061.090.27.3	16	1970	2700	900
4061.090.30.3	16	2060	3000	900
4061.090.40.3	16	2150	4000	900
4061.120.27.3	21	2620	2700	1200
4061.120.30.3	21	2740	3000	1200
4061.120.40.3	21	2860	4000	1200
4061.150.27.3	27	3280	2700	1500
4061.150.30.3	27	3430	3000	1500
4061.150.40.3	27	3570	4000	1500
4061.180.27.3	32	3930	2700	1800
4061.180.30.3	32	4110	3000	1800
4061.180.40.3	32	4290	4000	1800

Pendant sets and steel cable suspensions see page 160

## Mounted lamps

METRON Office, acrylic glass diffusor with microprism optics



- Mounting: Can be mounted on the ceiling or wall with patented plug connection for easy to install lighting
- Feed-through wiring: 5 x 1.5 mm<sup>2</sup>, for series mounting
- Lamp housing: Extruded aluminium
- Optics: acrylic glass diffusor with microprism optics, UGR < 22
- Lamps: LED CRI 85, 3000 K or 4000 K, integrated
- Service life: 100'000h L80 B10 (Ta 25° C)
- Control gear: PS 230 V/50 Hz
- Lamp protection class: I
- Protection level: IP 50 /IP 54 for vertical mounting
- Energy efficiency class: A to A++, includes built-in LED lamps, unexchangeable lamps

### natural anodised, on/off

Article	Watt	Lumen	Kelvin	Lenght
4062.120.30.0	27	2930	3000	1200
4062.120.40.0	27	3060	4000	1200
4062.150.30.0	34	3660	3000	1500
4062.150.40.0	34	3820	4000	1500
4062.180.30.0	41	4400	3000	1800
4062.180.40.0	41	4590	4000	1800

### natural anodised, dimmable DALI/TouchDIM

Article	Watt	Lumen	Kelvin	Lenght
4062.120.30.0 DIG	27	2930	3000	1200
4062.120.40.0 DIG	27	3060	4000	1200
4062.150.30.0 DIG	34	3660	3000	1500
4062.150.40.0 DIG	34	3820	4000	1500
4062.180.30.0 DIG	41	4400	3000	1800
4062.180.40.0 DIG	41	4590	4000	1800

### black RAL 9005, on/off

Article	Watt	Lumen	Kelvin	Lenght
4062.120.30.2	27	2930	3000	1200
4062.120.40.2	27	3060	4000	1200
4062.150.30.2	34	3660	3000	1500
4062.150.40.2	34	3820	4000	1500
4062.180.30.2	41	4400	3000	1800
4062.180.40.2	41	4590	4000	1800

### black RAL 9005, dimmable DALI/TouchDIM

Article	Watt	Lumen	Kelvin	Lenght
4062.120.30.2 DIG	27	2930	3000	1200
4062.120.40.2 DIG	27	3060	4000	1200
4062.150.30.2 DIG	34	3660	3000	1500
4062.150.40.2 DIG	34	3820	4000	1500
4062.180.30.2 DIG	41	4400	3000	1800
4062.180.40.2 DIG	41	4590	4000	1800

## Mounted lamps

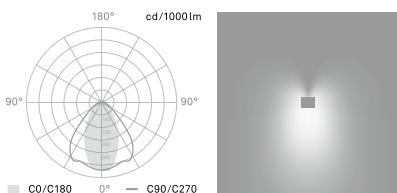
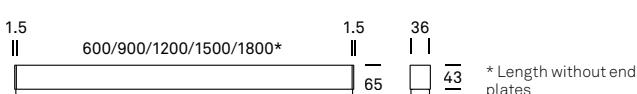
METRON Office, acrylic glass diffusor with microprism optics

### white RAL 9003, on/off

Article	Watt	Lumen	Kelvin	Lenght
4062.120.30.3	27	2930	3000	1200
4062.120.40.3	27	3060	4000	1200
4062.150.30.3	34	3660	3000	1500
4062.150.40.3	34	3820	4000	1500
4062.180.30.3	41	4400	3000	1800
4062.180.40.3	41	4590	4000	1800

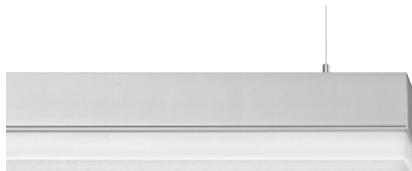
### white RAL 9003, dimmable DALI/TouchDIM

Article	Watt	Lumen	Kelvin	Lenght
4062.120.30.3 DIG	27	2930	3000	1200
4062.120.40.3 DIG	27	3060	4000	1200
4062.150.30.3 DIG	34	3660	3000	1500
4062.150.40.3 DIG	34	3820	4000	1500
4062.180.30.3 DIG	41	4400	3000	1800
4062.180.40.3 DIG	41	4590	4000	1800



## Pendant lamps

METRON Office, acrylic glass diffusor with microprism optics



- Mounting: Can be mounted as a pendant lamp (order the pendant set separately) with patented plug connection for easy to install lighting
- Feed-through wiring: 5 x 1.5 mm<sup>2</sup>, for series mounting
- Lamp housing: Extruded aluminium
- Optics: acrylic glass diffusor with microprism optics, UGR < 22
- Lamps: LED CRI 85, 3000 K or 4000 K, integrated
- Service life: 100'000h L80 B10 (Ta 25° C)
- Control gear: PS 230 V/50 Hz
- Lamp protection class: I
- Protection level: IP 50
- Energy efficiency class: A to A++, includes built-in LED lamps, unexchangeable lamps

### natural anodised, on/off

Article	Watt	Lumen	Kelvin	Lenght
4062.120.30.0	27	2930	3000	1200
4062.120.40.0	27	3060	4000	1200
4062.150.30.0	34	3660	3000	1500
4062.150.40.0	34	3820	4000	1500
4062.180.30.0	41	4400	3000	1800
4062.180.40.0	41	4590	4000	1800

### natural anodised, dimmable DALI/TouchDIM

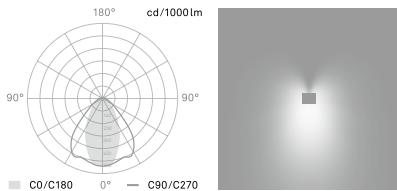
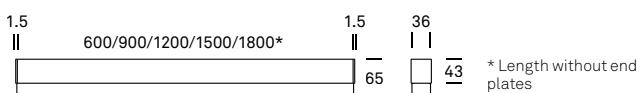
Article	Watt	Lumen	Kelvin	Lenght
4062.120.30.0 DIG	27	2930	3000	1200
4062.120.40.0 DIG	27	3060	4000	1200
4062.150.30.0 DIG	34	3660	3000	1500
4062.150.40.0 DIG	34	3820	4000	1500
4062.180.30.0 DIG	41	4400	3000	1800
4062.180.40.0 DIG	41	4590	4000	1800

### black RAL 9005, on/off

Article	Watt	Lumen	Kelvin	Lenght
4062.120.30.2	27	2930	3000	1200
4062.120.40.2	27	3060	4000	1200
4062.150.30.2	34	3660	3000	1500
4062.150.40.2	34	3820	4000	1500
4062.180.30.2	41	4400	3000	1800
4062.180.40.2	41	4590	4000	1800

### black RAL 9005, dimmable DALI/TouchDIM

Article	Watt	Lumen	Kelvin	Lenght
4062.120.30.2 DIG	27	2930	3000	1200
4062.120.40.2 DIG	27	3060	4000	1200
4062.150.30.2 DIG	34	3660	3000	1500
4062.150.40.2 DIG	34	3820	4000	1500
4062.180.30.2 DIG	41	4400	3000	1800
4062.180.40.2 DIG	41	4590	4000	1800



## Pendant lamps

METRON Office, acrylic glass diffusor with microprism optics

### white RAL 9003, on/off

Article	Watt	Lumen	Kelvin	Lenght
4062.120.30.3	27	2930	3000	1200
4062.120.40.3	27	3060	4000	1200
4062.150.30.3	34	3660	3000	1500
4062.150.40.3	34	3820	4000	1500
4062.180.30.3	41	4400	3000	1800
4062.180.40.3	41	4590	4000	1800

### white RAL 9003, dimmable DALI/TouchDIM

Article	Watt	Lumen	Kelvin	Lenght
4062.120.30.3 DIG	27	2930	3000	1200
4062.120.40.3 DIG	27	3060	4000	1200
4062.150.30.3 DIG	34	3660	3000	1500
4062.150.40.3 DIG	34	3820	4000	1500
4062.180.30.3 DIG	41	4400	3000	1800
4062.180.40.3 DIG	41	4590	4000	1800

Pendant sets and steel cable suspensions see page 160

## Ceiling lamps

METRON downlight with lens optics



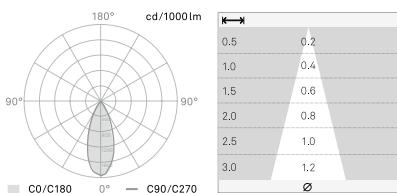
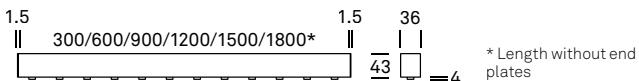
- Mounting: Can be mounted on the ceiling with patented plug connection for easy to install lighting
- Feed-through wiring: 5 x 1.5 mm<sup>2</sup>, for series mounting
- Lamp housing: Extruded aluminium
- Optics: High-quality lens technology with 42° beam angle
- Lamps: LED CRI 95, 2700 K, 3000 K or 4000 K, integrated
- Service life: 100'000h L80 B10 (Ta 25° C)
- Control gear: PS 230 V/50 Hz
- Lamp protection class: I
- Protection level: IP 20
- Energy efficiency class: A to A++, includes built-in LED lamps, unexchangeable lamps

### natural anodised, on/off

Article	Watt	Lumen	Kelvin	Lenght
4067.030.27.0	7	540	2700	300
4067.030.30.0	7	570	3000	300
4067.030.40.0	7	570	4000	300
4067.060.27.0	13	1080	2700	600
4067.060.30.0	13	1130	3000	600
4067.060.40.0	13	1130	4000	600
4067.090.27.0	20	1610	2700	900
4067.090.30.0	20	1690	3000	900
4067.090.40.0	20	1690	4000	900
4067.120.27.0	27	2150	2700	1200
4067.120.30.0	27	2250	3000	1200
4067.120.40.0	27	2250	4000	1200
4067.150.27.0	33	2680	2700	1500
4067.150.30.0	33	2810	3000	1500
4067.150.40.0	33	2810	4000	1500
4067.180.27.0	40	3220	2700	1800
4067.180.30.0	40	3370	3000	1800
4067.180.40.0	40	3370	4000	1800

### natural anodised, dimmable DALI/TouchDIM

Article	Watt	Lumen	Kelvin	Lenght
4067.060.27.0 DIG	13	1080	2700	600
4067.060.30.0 DIG	13	1130	3000	600
4067.060.40.0 DIG	13	1130	4000	600
4067.090.27.0 DIG	20	1610	2700	900
4067.090.30.0 DIG	20	1690	3000	900
4067.090.40.0 DIG	20	1690	4000	900
4067.120.27.0 DIG	27	2150	2700	1200
4067.120.30.0 DIG	27	2250	3000	1200
4067.120.40.0 DIG	27	2250	4000	1200
4067.150.27.0 DIG	33	2680	2700	1500
4067.150.30.0 DIG	33	2810	3000	1500
4067.150.40.0 DIG	33	2810	4000	1500
4067.180.27.0 DIG	40	3220	2700	1800
4067.180.30.0 DIG	40	3370	3000	1800
4067.180.40.0 DIG	40	3370	4000	1800



## Ceiling lamps

METRON downlight with lens optics

### black RAL 9005, on/off

Article	Watt	Lumen	Kelvin	Lenght
4067.030.27.2	7	540	2700	300
4067.030.30.2	7	570	3000	300
4067.030.40.2	7	570	4000	300
4067.060.27.2	13	1080	2700	600
4067.060.30.2	13	1130	3000	600
4067.060.40.2	13	1130	4000	600
4067.090.27.2	20	1610	2700	900
4067.090.30.2	20	1690	3000	900
4067.090.40.2	20	1690	4000	900
4067.120.27.2	27	2150	2700	1200
4067.120.30.2	27	2250	3000	1200
4067.120.40.2	27	2250	4000	1200
4067.150.27.2	33	2680	2700	1500
4067.150.30.2	33	2810	3000	1500
4067.150.40.2	33	2810	4000	1500
4067.180.27.2	40	3220	2700	1800
4067.180.30.2	40	3370	3000	1800
4067.180.40.2	40	3370	4000	1800

### black RAL 9005, dimmable DALI/TouchDIM

Article	Watt	Lumen	Kelvin	Lenght
4067.060.27.2 DIG	13	1080	2700	600
4067.060.30.2 DIG	13	1130	3000	600
4067.060.40.2 DIG	13	1130	4000	600
4067.090.27.2 DIG	20	1610	2700	900
4067.090.30.2 DIG	20	1690	3000	900
4067.090.40.2 DIG	20	1690	4000	900
4067.120.27.2 DIG	27	2150	2700	1200
4067.120.30.2 DIG	27	2250	3000	1200
4067.120.40.2 DIG	27	2250	4000	1200
4067.150.27.2 DIG	33	2680	2700	1500
4067.150.30.2 DIG	33	2810	3000	1500
4067.150.40.2 DIG	33	2810	4000	1500
4067.180.27.2 DIG	40	3220	2700	1800
4067.180.30.2 DIG	40	3370	3000	1800
4067.180.40.2 DIG	40	3370	4000	1800

### white RAL 9003, on/off

Article	Watt	Lumen	Kelvin	Lenght
4067.030.27.3	7	540	2700	300
4067.030.30.3	7	570	3000	300
4067.030.40.3	7	570	4000	300
4067.060.27.3	13	1080	2700	600
4067.060.30.3	13	1130	3000	600
4067.060.40.3	13	1130	4000	600
4067.090.27.3	20	1610	2700	900
4067.090.30.3	20	1690	3000	900
4067.090.40.3	20	1690	4000	900
4067.120.27.3	27	2150	2700	1200
4067.120.30.3	27	2250	3000	1200
4067.120.40.3	27	2250	4000	1200
4067.150.27.3	33	2680	2700	1500
4067.150.30.3	33	2810	3000	1500
4067.150.40.3	33	2810	4000	1500
4067.180.27.3	40	3220	2700	1800
4067.180.30.3	40	3370	3000	1800
4067.180.40.3	40	3370	4000	1800

## Ceiling lamps

METRON downlight with lens optics

### white RAL 9003, dimmable DALI/TouchDIM

Article	Watt	Lumen	Kelvin	Lenght
4067.060.27.3 DIG	13	1080	2700	600
4067.060.30.3 DIG	13	1130	3000	600
4067.060.40.3 DIG	13	1130	4000	600
4067.090.27.3 DIG	20	1610	2700	900
4067.090.30.3 DIG	20	1690	3000	900
4067.090.40.3 DIG	20	1690	4000	900
4067.120.27.3 DIG	27	2150	2700	1200
4067.120.30.3 DIG	27	2250	3000	1200
4067.120.40.3 DIG	27	2250	4000	1200
4067.150.27.3 DIG	33	2680	2700	1500
4067.150.30.3 DIG	33	2810	3000	1500
4067.150.40.3 DIG	33	2810	4000	1500
4067.180.27.3 DIG	40	3220	2700	1800
4067.180.30.3 DIG	40	3370	3000	1800
4067.180.40.3 DIG	40	3370	4000	1800

## Pendant lamps

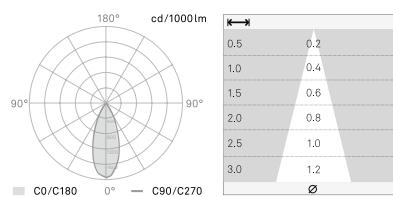
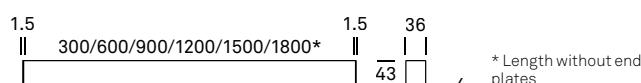
METRON downlight with lens optics



- Mounting: Can be mounted as a pendant lamp (order the pendant set separately) with patented plug connection for easy to install lighting
- Feed-through wiring: 5 x 1.5 mm², for series mounting
- Lamp housing: Extruded aluminium
- Optics: High-quality lens technology with 42° beam angle
- Lamps: LED CRI 95, 2700 K, 3000 K or 4000 K, integrated
- Service life: 100'000h L80 B10 (Ta 25° C)
- Control gear: PS 230 V/50 Hz
- Lamp protection class: I
- Protection level: IP 20
- Energy efficiency class: A to A++, includes built-in LED lamps, unexchangeable lamps

### natural anodised, on/off

Article	Watt	Lumen	Kelvin	Lenght
4067.030.27.0	7	540	2700	300
4067.030.30.0	7	570	3000	300
4067.030.40.0	7	570	4000	300
4067.060.27.0	13	1080	2700	600
4067.060.30.0	13	1130	3000	600
4067.060.40.0	13	1130	4000	600
4067.090.27.0	20	1610	2700	900
4067.090.30.0	20	1690	3000	900
4067.090.40.0	20	1690	4000	900
4067.120.27.0	27	2150	2700	1200
4067.120.30.0	27	2250	3000	1200
4067.120.40.0	27	2250	4000	1200
4067.150.27.0	33	2680	2700	1500
4067.150.30.0	33	2810	3000	1500
4067.150.40.0	33	2810	4000	1500
4067.180.27.0	40	3220	2700	1800
4067.180.30.0	40	3370	3000	1800
4067.180.40.0	40	3370	4000	1800



## Pendant lamps

METRON downlight with lens optics

### natural anodised, dimmable DALI/TouchDIM

Article	Watt	Lumen	Kelvin	Lenght
4067.060.27.0 DIG	13	1080	2700	600
4067.060.30.0 DIG	13	1130	3000	600
4067.060.40.0 DIG	13	1130	4000	600
4067.090.27.0 DIG	20	1610	2700	900
4067.090.30.0 DIG	20	1690	3000	900
4067.090.40.0 DIG	20	1690	4000	900
4067.120.27.0 DIG	27	2150	2700	1200
4067.120.30.0 DIG	27	2250	3000	1200
4067.120.40.0 DIG	27	2250	4000	1200
4067.150.27.0 DIG	33	2680	2700	1500
4067.150.30.0 DIG	33	2810	3000	1500
4067.150.40.0 DIG	33	2810	4000	1500
4067.180.27.0 DIG	40	3220	2700	1800
4067.180.30.0 DIG	40	3370	3000	1800
4067.180.40.0 DIG	40	3370	4000	1800

### black RAL 9005, on/off

Article	Watt	Lumen	Kelvin	Lenght
4067.030.27.2	7	540	2700	300
4067.030.30.2	7	570	3000	300
4067.030.40.2	7	570	4000	300
4067.060.27.2	13	1080	2700	600
4067.060.30.2	13	1130	3000	600
4067.060.40.2	13	1130	4000	600
4067.090.27.2	20	1610	2700	900
4067.090.30.2	20	1690	3000	900
4067.090.40.2	20	1690	4000	900
4067.120.27.2	27	2150	2700	1200
4067.120.30.2	27	2250	3000	1200
4067.120.40.2	27	2250	4000	1200
4067.150.27.2	33	2680	2700	1500
4067.150.30.2	33	2810	3000	1500
4067.150.40.2	33	2810	4000	1500
4067.180.27.2	40	3220	2700	1800
4067.180.30.2	40	3370	3000	1800
4067.180.40.2	40	3370	4000	1800

### black RAL 9005, dimmable DALI/TouchDIM

Article	Watt	Lumen	Kelvin	Lenght
4067.060.27.2 DIG	13	1080	2700	600
4067.060.30.2 DIG	13	1130	3000	600
4067.060.40.2 DIG	13	1130	4000	600
4067.090.27.2 DIG	20	1610	2700	900
4067.090.30.2 DIG	20	1690	3000	900
4067.090.40.2 DIG	20	1690	4000	900
4067.120.27.2 DIG	27	2150	2700	1200
4067.120.30.2 DIG	27	2250	3000	1200
4067.120.40.2 DIG	27	2250	4000	1200
4067.150.27.2 DIG	33	2680	2700	1500
4067.150.30.2 DIG	33	2810	3000	1500
4067.150.40.2 DIG	33	2810	4000	1500
4067.180.27.2 DIG	40	3220	2700	1800
4067.180.30.2 DIG	40	3370	3000	1800
4067.180.40.2 DIG	40	3370	4000	1800

## Pendant lamps

METRON downlight with lens optics

### white RAL 9003, on/off

Article	Watt	Lumen	Kelvin	Lenght
4067.030.27.3	7	540	2700	300
4067.030.30.3	7	570	3000	300
4067.030.40.3	7	570	4000	300
4067.060.27.3	13	1080	2700	600
4067.060.30.3	13	1130	3000	600
4067.060.40.3	13	1130	4000	600
4067.090.27.3	20	1610	2700	900
4067.090.30.3	20	1690	3000	900
4067.090.40.3	20	1690	4000	900
4067.120.27.3	27	2150	2700	1200
4067.120.30.3	27	2250	3000	1200
4067.120.40.3	27	2250	4000	1200
4067.150.27.3	33	2680	2700	1500
4067.150.30.3	33	2810	3000	1500
4067.150.40.3	33	2810	4000	1500
4067.180.27.3	40	3220	2700	1800
4067.180.30.3	40	3370	3000	1800
4067.180.40.3	40	3370	4000	1800

### white RAL 9003, dimmable DALI/TouchDIM

Article	Watt	Lumen	Kelvin	Lenght
4067.060.27.3 DIG	13	1080	2700	600
4067.060.30.3 DIG	13	1130	3000	600
4067.060.40.3 DIG	13	1130	4000	600
4067.090.27.3 DIG	20	1610	2700	900
4067.090.30.3 DIG	20	1690	3000	900
4067.090.40.3 DIG	20	1690	4000	900
4067.120.27.3 DIG	27	2150	2700	1200
4067.120.30.3 DIG	27	2250	3000	1200
4067.120.40.3 DIG	27	2250	4000	1200
4067.150.27.3 DIG	33	2680	2700	1500
4067.150.30.3 DIG	33	2810	3000	1500
4067.150.40.3 DIG	33	2810	4000	1500
4067.180.27.3 DIG	40	3220	2700	1800
4067.180.30.3 DIG	40	3370	3000	1800
4067.180.40.3 DIG	40	3370	4000	1800

Pendant sets and steel cable suspensions see page 160

## Mounted profile spotlights, 2-flame

Mounted profile spotlights with SPYKE



- Mounting: Can be mounted on the ceiling or wall with patented plug connection for easy to install lighting
- Function: 360° rotation and 120° swivel action
- Feed-through wiring: 5 x 1.5 mm<sup>2</sup>, for series mounting
- Lamp housing: Extruded aluminium/cast aluminium
- Optics: Reflector unit with bayonet fitting 15°, 25° or 40° (order separately)
- Lamps: LED CRI 85, 2700 K, 3000 K or 4000 K, integrated
- Service life: 50'000h L80 B10 (Ta 25° C)
- Control gear: PS 230 V/50 Hz
- Lamp protection class: I
- Protection level: IP 20
- Energy efficiency class: A to A++, includes built-in LED lamps, unexchangeable lamps

### grey RAL 9006, on/off

Article	Watt	Lumen	Kelvin	Lenght
4066.122.27.8	54	5540	2700	1200
4066.122.30.8	54	5790	3000	1200
4066.122.40.8	54	5970	4000	1200

### grey RAL 9006, dimmable DALI/TouchDIM

Article	Watt	Lumen	Kelvin	Lenght
4066.122.27.8 DIG	54	5540	2700	1200
4066.122.30.8 DIG	54	5790	3000	1200
4066.122.40.8 DIG	54	5970	4000	1200

### black RAL 9005, on/off

Article	Watt	Lumen	Kelvin	Lenght
4066.122.27.2	54	5540	2700	1200
4066.122.30.2	54	5790	3000	1200
4066.122.40.2	54	5970	4000	1200

### black RAL 9005, dimmable DALI/TouchDIM

Article	Watt	Lumen	Kelvin	Lenght
4066.122.27.2 DIG	54	5540	2700	1200
4066.122.30.2 DIG	54	5790	3000	1200
4066.122.40.2 DIG	54	5970	4000	1200

### white RAL 9003, on/off

Article	Watt	Lumen	Kelvin	Lenght
4066.122.27.3	54	5540	2700	1200
4066.122.30.3	54	5790	3000	1200
4066.122.40.3	54	5970	4000	1200

### white RAL 9003, dimmable DALI/TouchDIM

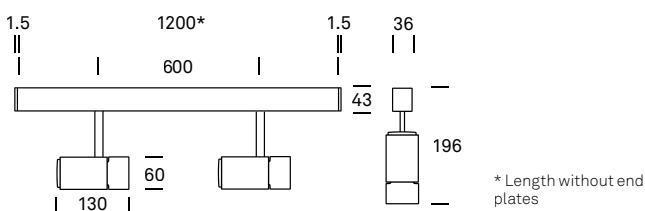
Article	Watt	Lumen	Kelvin	Lenght
4066.122.27.3 DIG	54	5540	2700	1200
4066.122.30.3 DIG	54	5790	3000	1200
4066.122.40.3 DIG	54	5970	4000	1200

## Reflectors



- simple assembly without tools

Article	∅ °
4065.000.20.9	15
4065.000.30.9	25
4065.000.40.9	40



## Mounted profile spotlights, 2-flame

Mounted profile spotlights with VERTICO



- Mounting: Can be mounted on the ceiling or wall with patented plug connection for easy to install lighting
- Function: 360° rotation and 90° swivel action
- Feed-through wiring: 5 x 1.5 mm<sup>2</sup>, for series mounting
- Lamp housing: Brushed aluminium
- Optics: High-quality glass lens, fully adjustable focus from 20° to 60°
- Lamps: LED CRI 95, 2700 K, 3000 K, 4000 K (max. 30% lumen reduction with a variable beam angle)
- Service life: 100'000h L80 B10 (Ta 25°C)
- Control gear: PS 230 V/50 Hz
- Lamp protection class: I
- Protection level: IP 20
- Energy efficiency class: A to A++, includes built-in LED lamps, unexchangeable lamps

### natural anodised, dimmable DALI/TouchDIM

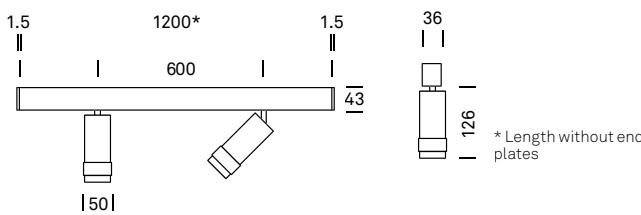
Article	Watt	Lumen	Kelvin	Lenght
4085.722.27.0 DIG	28	2460	2700	1200
4085.722.30.0 DIG	28	2520	3000	1200
4085.722.40.0 DIG	28	2660	4000	1200

### black anodised, dimmable DALI/TouchDIM

Article	Watt	Lumen	Kelvin	Lenght
4085.722.27.2 DIG	28	2460	2700	1200
4085.722.30.2 DIG	28	2520	3000	1200
4085.722.40.2 DIG	28	2660	4000	1200

### white RAL 9003, dimmable DALI/TouchDIM

Article	Watt	Lumen	Kelvin	Lenght
4085.722.27.3 DIG	28	2460	2700	1200
4085.722.30.3 DIG	28	2520	3000	1200
4085.722.40.3 DIG	28	2660	4000	1200



## Wall lamps

METRON with shade 80



- Mounting: For horizontal wall mounting with patented plug connection for easy to install lighting
- Feed-through wiring: 5 x 1.5 mm<sup>2</sup>, for series mounting
- Lamp housing: Extruded aluminium
- Optics: Acrylic glass diffuser, fine mat
- Lamps: LED CRI 85, 2700 K, 3000 K or 4000 K, integrated
- Service life: 100'000h L80 B10 (Ta 25°C)
- Control gear: PS 230 V/50 Hz
- Lamp protection class: I
- Protection level: IP 20
- Energy efficiency class: A to A++, includes built-in LED lamps, unexchangeable lamps

### natural anodised, on/off

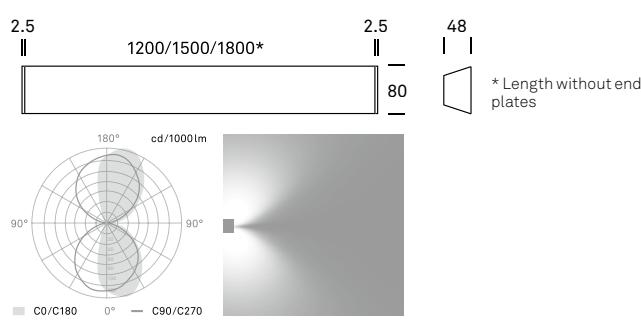
Article	Watt	Lumen	Kelvin	Lenght
4064.120.27.0	21	2400	2700	1200
4064.120.30.0	21	2510	3000	1200
4064.120.40.0	21	2610	4000	1200
4064.150.27.0	27	2990	2700	1500
4064.150.30.0	27	3120	3000	1500
4064.150.40.0	27	3260	4000	1500
4064.180.27.0	32	3590	2700	1800
4064.180.30.0	32	3750	3000	1800
4064.180.40.0	32	3910	4000	1800

### natural anodised, dimmable DALI/TouchDIM

Article	Watt	Lumen	Kelvin	Lenght
4064.120.27.0 DIG	21	2400	2700	1200
4064.120.30.0 DIG	21	2510	3000	1200
4064.120.40.0 DIG	21	2610	4000	1200
4064.150.27.0 DIG	27	2990	2700	1500
4064.150.30.0 DIG	27	3120	3000	1500
4064.150.40.0 DIG	27	3260	4000	1500
4064.180.27.0 DIG	32	3590	2700	1800
4064.180.30.0 DIG	32	3750	3000	1800
4064.180.40.0 DIG	32	3910	4000	1800

### white RAL 9003, on/off

Article	Watt	Lumen	Kelvin	Lenght
4064.120.27.3	21	2400	2700	1200
4064.120.30.3	21	2510	3000	1200
4064.120.40.3	21	2610	4000	1200
4064.150.27.3	27	2990	2700	1500
4064.150.30.3	27	3120	3000	1500
4064.150.40.3	27	3260	4000	1500
4064.180.27.3	32	3590	2700	1800
4064.180.30.3	32	3750	3000	1800
4064.180.40.3	32	3910	4000	1800



## Wall lamps

METRON with shade 80

### white RAL 9003, dimmable DALI/TouchDIM

Article	Watt	Lumen	Kelvin	Lenght
4064.120.27.3 DIG	21	2400	2700	1200
4064.120.30.3 DIG	21	2510	3000	1200
4064.120.40.3 DIG	21	2610	4000	1200
4064.150.27.3 DIG	27	2990	2700	1500
4064.150.30.3 DIG	27	3120	3000	1500
4064.150.40.3 DIG	27	3260	4000	1500
4064.180.27.3 DIG	32	3590	2700	1800
4064.180.30.3 DIG	32	3750	3000	1800
4064.180.40.3 DIG	32	3910	4000	1800

## Connecting plate

- for interconnection of single lamps (series mounting)
- Feed-through wiring

### Article

4060.000.00.0

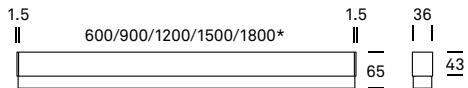


## Connecting profile for mounted and pendant lamps

- for interconnection of single lamps (series mounting)
- 2 connecting plates
- Feed-through wiring

### Article

Article	Color	Lenght
4060.060.00.0	natural anodised	600
4060.090.00.0	natural anodised	900
4060.120.00.0	natural anodised	1200
4060.150.00.0	natural anodised	1500
4060.180.00.0	natural anodised	1800
4060.060.00.2	black RAL 9005	600
4060.090.00.2	black RAL 9005	900
4060.120.00.2	black RAL 9005	1200
4060.150.00.2	black RAL 9005	1500
4060.180.00.2	black RAL 9005	1800
4060.060.00.3	white RAL 9003	600
4060.090.00.3	white RAL 9003	900
4060.120.00.3	white RAL 9003	1200
4060.150.00.3	white RAL 9003	1500
4060.180.00.3	white RAL 9003	1800



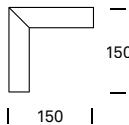
\* Length without end plates

## Corner connector 90° for mounted and pendant lamps

- 2 connecting plates
- Feed-through wiring

### Article

Article	Color
4060.500.00.0	natural anodised
4060.500.00.2	black RAL 9005
4060.500.00.3	white RAL 9003



## Mounting bracket set

- 2 items
- For free cable routing
- Ceiling /wall spacing 8 mm

### Article

Article	Color
212.100.0	natural anodised
212.100.2	black RAL 9005
212.100.3	white RAL 9003



## Pendant set for non dimmable lamps with 3x0.75 mm<sup>2</sup>

- 2 mounting brackets
- 2 nickel-plated steel cable suspension, length 2500 mm, freely height-adjustable
- Round cable, transparent, length 2500 mm, continuously adjustable height
- 2 cable holders
- required by the pendant lamps

Article	Color
253.200.0	natural anodised
253.200.2	black RAL 9005
253.200.3	white RAL 9003

## Pendant set for dimmable lamps with 5x0.75 mm<sup>2</sup>

- 2 mounting brackets
- 2 nickel-plated steel cable suspension, length 2500 mm, freely height-adjustable
- Round cable, transparent, length 2500 mm, continuously adjustable height
- 2 cable holders
- required by the pendant lamps

Article	Color
253.205.0	natural anodised
253.205.2	black RAL 9005
253.205.3	white RAL 9003

## Connecting cable

- required for the connection of several pendant lamps

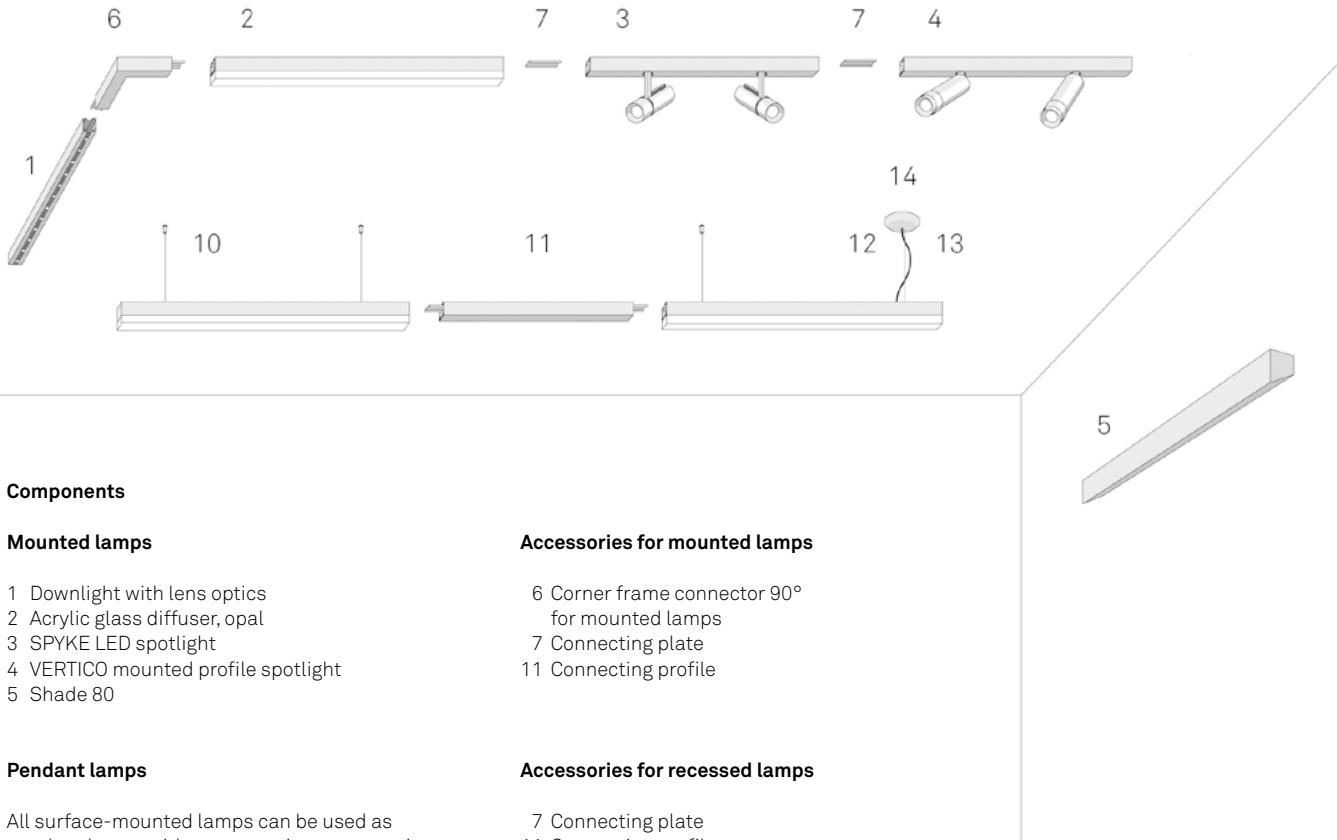
Article	Color	Dimension (mm)	Light control
213.553.9	transparent	Ø6 x 2500	on/off
213.555.9	transparent	Ø8 x 2500	dimmable DALI

## Steel cable suspension

- Mounting bracket
- Nickel-plated steel cable suspension
- required for the pendant suspension of several pendant lamps

Article	Color	Dimension (mm)
253.550.0	natural anodised	2500
253.550.2	black RAL 9005	2500
253.550.3	white RAL 9003	2500

## System components and examples of combinations



### Components

#### Mounted lamps

- 1 Downlight with lens optics
- 2 Acrylic glass diffuser, opal
- 3 SPYKE LED spotlight
- 4 VERTICO mounted profile spotlight
- 5 Shade 80

#### Accessories for mounted lamps

- 6 Corner frame connector 90° for mounted lamps
- 7 Connecting plate
- 11 Connecting profile

#### Pendant lamps

All surface-mounted lamps can be used as pendant lamps with the appropriate accessories (except SPYKE and Shade 80)

#### Accessories for recessed lamps

- 7 Connecting plate
- 11 Connecting profile

#### Accessories for pendant lamps

- 10 Steel cable suspension
- 11 Connecting profile
- 12 Pendant set
- 13 Connecting cable
- 14 Canopy



# PUNTO



**Mounted lamps**

164



**Mounted lamps with external control gear**

165

## Mounted lamps Ø 250/320/420 mm

PUNTO



- Mounting: Can be mounted on the wall or ceiling, with patented plug connection for easy to install lighting, suitable for indoor use only
- Lamp housing: Diecast aluminium
- Optics: Acrylic glass diffuser, fine mat
- Lamps: LED CRI 85, 2700 K, 3000 K or 4000 K, integrated
- Service life: 100'000h L80 B10 (Ta 25° C)
- Control gear: PS 230 V/50 Hz
- Lamp protection class: I
- Protection level: IP 34
- Energy efficiency class: A to A++, includes built-in LED lamps, unexchangeable lamps

### grey RAL 9006, on/off

Article	Watt	Lumen	Kelvin	Ø
4051.250.27.8	10	1170	2700	250
4051.250.30.8	10	1230	3000	250
4051.250.40.8	10	1280	4000	250
4051.320.27.8	13	1560	2700	320
4051.320.30.8	13	1630	3000	320
4051.320.40.8	13	1700	4000	320
4051.420.27.8	21	2540	2700	420
4051.420.30.8	21	2650	3000	420
4051.420.40.8	21	2770	4000	420

### grey RAL 9006, dimmable DALI/TouchDIM

Article	Watt	Lumen	Kelvin	Ø
4051.250.27.8 DIG	10	1170	2700	250
4051.250.30.8 DIG	10	1230	3000	250
4051.250.40.8 DIG	10	1280	4000	250
4051.320.27.8 DIG	13	1560	2700	320
4051.320.30.8 DIG	13	1630	3000	320
4051.320.40.8 DIG	13	1700	4000	320
4051.420.27.8 DIG	21	2540	2700	420
4051.420.30.8 DIG	21	2650	3000	420
4051.420.40.8 DIG	21	2770	4000	420

## Mounted lamps Ø 120 mm

PUNTO



- Mounting: Can be mounted on the wall or ceiling, for indoor or outdoor use (protected from rain)
- Lamp housing: polycarbonate V0
- Optics: Acrylic glass diffuser, fine mat
- Lamps: LED CRI 85, 2700 K, 3000 K or 4000 K, integrated
- Service life: 100'000h L80 B10 (Ta 25° C)
- Control gear: PS 230 V/50 Hz
- Lamp protection class: II
- Protection level: IP 44
- Energy efficiency class: A to A++, includes built-in LED lamps, unexchangeable lamps

### grey RAL 9006, on/off

Article	Watt	Lumen	Kelvin	Ø
4051.120.27.8	4	490	2700	120
4051.120.30.8	4	510	3000	120
4051.120.40.8	4	540	4000	120

### grey RAL 9006, dimmable DALI/TouchDIM

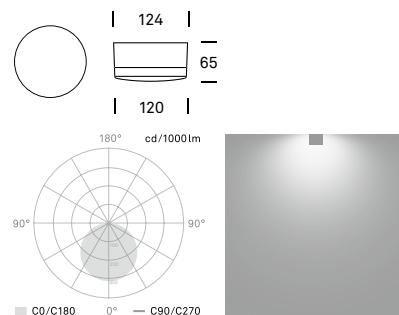
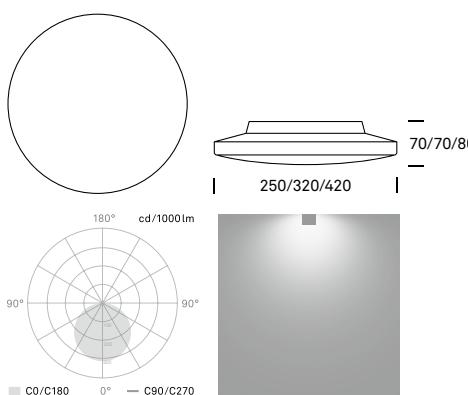
Article	Watt	Lumen	Kelvin	Ø
4051.120.27.8 DIG	4	490	2700	120
4051.120.30.8 DIG	4	510	3000	120
4051.120.40.8 DIG	4	540	4000	120

### white RAL 9003, on/off

Article	Watt	Lumen	Kelvin	Ø
4051.120.27.3	4	490	2700	120
4051.120.30.3	4	510	3000	120
4051.120.40.3	4	540	4000	120

### white RAL 9003, dimmable DALI/TouchDIM

Article	Watt	Lumen	Kelvin	Ø
4051.120.27.3 DIG	4	490	2700	120
4051.120.30.3 DIG	4	510	3000	120
4051.120.40.3 DIG	4	540	4000	120



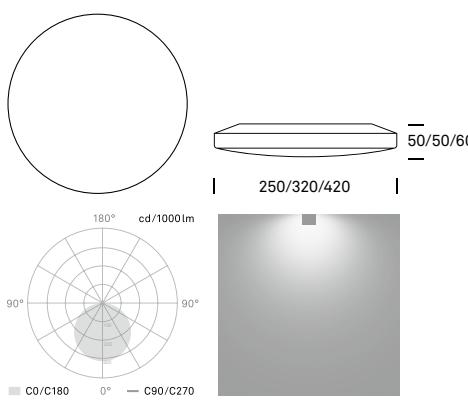
**Mounted lamps Ø 250/320/420 mm with external control gear**  
PUNTO



- Mounting: Can be mounted on the wall or ceiling, for indoor or outdoor use (protected from rain)
- Lamp housing: Diecast aluminium
- Optics: Acrylic glass diffuser, fine mat
- Lamps: LED CRI 85, 2700 K, 3000 K or 4000 K, integrated
- Service life: 100'000h L80 B10 (Ta 25° C)
- Control gear: PS 230 V/50 Hz, constant current 500 mA (order separately)
- Lamp protection class: III
- Protection level: IP 54
- Energy efficiency class: A to A++, includes built-in LED lamps, unexchangeable lamps

**grey RAL 9006**

Article	Watt	Lumen	Kelvin	Ø
4050.250.27.8	10	1170	2700	250
4050.250.30.8	10	1230	3000	250
4050.250.40.8	10	1280	4000	250
4050.320.27.8	13	1560	2700	320
4050.320.30.8	13	1630	3000	320
4050.320.40.8	13	1700	4000	320
4050.420.27.8	21	2540	2700	420
4050.420.30.8	21	2650	3000	420
4050.420.40.8	21	2770	4000	420



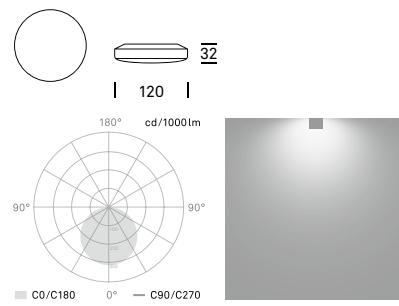
**Mounted lamps Ø 120 mm external control gear**  
PUNTO



- Mounting: Can be mounted on the wall or ceiling, for indoor or outdoor use (protected from rain)
- Lamp housing: Diecast aluminium
- Optics: Acrylic glass diffuser, fine mat
- Lamps: LED CRI 85, 2700 K, 3000 K or 4000 K, integrated
- Service life: 100'000h L80 B10 (Ta 25° C)
- Control gear: PS 230 V/50 Hz, constant current 250 mA (order separately)
- Lamp protection class: III
- Protection level: IP 54
- Energy efficiency class: A to A++, includes built-in LED lamps, unexchangeable lamps

**grey RAL 9006**

Article	Watt	Lumen	Kelvin	Ø
4050.120.27.8	4	490	2700	120
4050.120.30.8	4	510	3000	120
4050.120.40.8	4	540	4000	120



## Control gears

- Operating devices 230 V/50–60 Hz
- Constant current 250 mA (Ø 120 mm), 500 mA (Ø 250 – 420 mm)
- Short circuit and overload protected
- max. 1 lamp per control gear

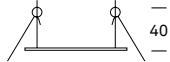
Article	Watt	Light control	Dimension (mm)
915.006.250	4	on/off	40 x 42 x 22
915.019.250 DIG	4/10/13	DALI/TouchDIM	119 x 53 x 30
915.012.500	10/13	on/off	115 x 34 x 19
915.019.500 DIG	10/13	DALI/TouchDIM	119 x 53 x 30
915.024.500	21	on/off	103 x 67 x 21
915.027.500 DIG	21	DALI/TouchDIM	124 x 79 x 22

## Cavity adapter for PUNTO mounted lamps Ø 120 mm

### with external control gear

- suitable for mounting in hollow ceilings and in installation housing
- for ceiling cutouts Ø 68–75 mm
- for ceiling thickness 1–25 mm

Article
4050.901.9







# SPINA



**Mounted lamps**

170

## Mounted lamps SPINA



- Mounting: Can be mounted on the ceiling or wall with patented plug connection for easy to install lighting
- Function: Suitable for fitting with diffusers
- Lamp housing: Extruded aluminium/polycarbonate
- Lamps: Fluorescent lamp T5 for socket G5 (order separately)
- Control gear: PS 230 V/50 Hz
- Lamp protection class: I
- Protection level: IP 20
- Energy efficiency class: A+

### natural anodised, on/off

Article	Watt	Lenght
201.140.00	14/24	600
201.210.00	21/39	900
201.280.00	28/54	1200
201.350.00	35/49	1500

### natural anodised, dimmable DALI/TouchDIM

Article	Watt	Lenght
201.140.00 DIG	14/24	600
201.210.00 DIG	21/39	900
201.280.00 DIG	28/54	1200
201.350.00 DIG	35/49	1500

## Perforated metal diffuser single part, 1 × 180°

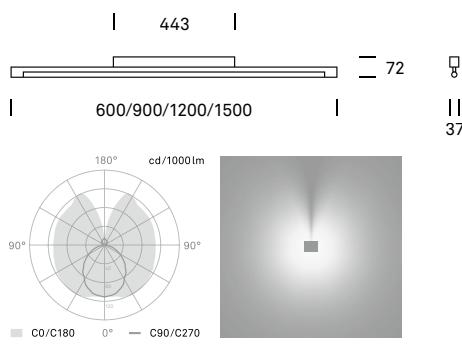


Article	Color	Watt	Lenght
530.140.0	natural anodised	1 x 14/24	500
530.210.0	natural anodised	1 x 21/39	800
530.280.0	natural anodised	1 x 28/54	1100
530.350.0	natural anodised	1 x 35/49	1400

### Light sources

- Socket G5
- Energy efficiency class A+

Article	Watt	Lumen	Kelvin	Dimension (mm)
605.140.82	14	1200	2700	Ø16 x 549
605.140.83	14	1200	3000	Ø16 x 549
605.140.84	14	1200	4000	Ø16 x 549
605.140.86	14	1100	6000	Ø16 x 549
605.210.82	21	1900	2700	Ø16 x 849
605.210.83	21	1900	3000	Ø16 x 849
605.210.84	21	1900	4000	Ø16 x 849
605.210.86	21	1750	6000	Ø16 x 849
605.240.82	24	1750	2700	Ø16 x 549
605.240.83	24	1750	3000	Ø16 x 549
605.240.84	24	1750	4000	Ø16 x 549
605.240.86	24	1650	6000	Ø16 x 549
605.280.82	28	2600	2700	Ø16 x 1149
605.280.83	28	2600	3000	Ø16 x 1149
605.280.84	28	2600	4000	Ø16 x 1149
605.280.86	28	2400	6000	Ø16 x 1149
605.350.82	35	3300	2700	Ø16 x 1449
605.350.83	35	3300	3000	Ø16 x 1449
605.350.84	35	3300	4000	Ø16 x 1449
605.390.82	39	3100	2700	Ø16 x 849
605.390.83	39	3100	3000	Ø16 x 849
605.390.84	39	3100	4000	Ø16 x 849
605.490.82	49	4300	2700	Ø16 x 1449
605.490.83	49	4300	3000	Ø16 x 1449
605.490.84	49	4300	4000	Ø16 x 1449
605.490.86	49	4100	6000	Ø16 x 1449
605.540.82	54	4450	2700	Ø16 x 1149
605.540.83	54	4450	3000	Ø16 x 1149
605.540.84	54	4450	4000	Ø16 x 1149
605.540.86	54	4050	6000	Ø16 x 1149







# SPINAled



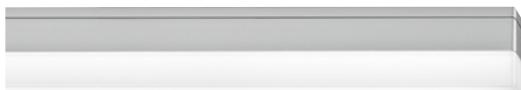
**Mounted lamps**  
with acrylic glass diffuser

174



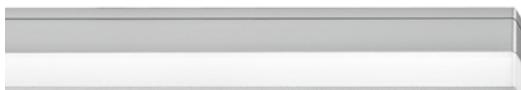
**Mounted lamps**  
with acrylic glass diffuser, with dot matrix

176



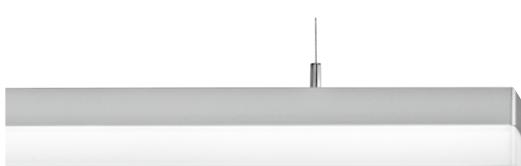
**Mounted lamps with external control gear**  
with acrylic glass diffuser

175



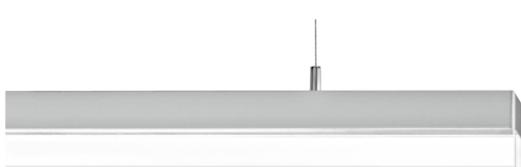
**Mounted lamps with external control gear**  
with acrylic glass diffuser, with dot matrix

177



**Pendant lamps**  
with acrylic glass diffuser

176



**Pendant lamps**  
with linear lens clear/mat,  $\leq 60^\circ$

178

173

## Mounted lamps

SPINAled with acrylic glass diffuser



- Mounting: Can be mounted on the ceiling or wall with patented plug connection for easy to install lighting
- Lamp housing: Extruded aluminium
- Optics: Acrylic glass diffuser, opal
- Lamps: LED CRI 85, 2700 K, 3000 K or 4000 K, integrated
- Service life: 100'000h L80 B10 (Ta 25° C)
- Control gear: PS 230 V/50 Hz
- Lamp protection class: I
- Protection level: IP 20
- Energy efficiency class: A to A++, includes built-in LED lamps, unexchangeable lamps

## natural anodised, on/off

Article	Watt	Lumen	Kelvin	Lenght
4000.060.27.0	9	960	2700	600
4000.060.30.0	9	1000	3000	600
4000.060.40.0	9	1040	4000	600
4000.090.27.0	13	1430	2700	900
4000.090.30.0	13	1500	3000	900
4000.090.40.0	13	1560	4000	900
4000.120.27.0	18	1910	2700	1200
4000.120.30.0	18	2000	3000	1200
4000.120.40.0	18	2080	4000	1200
4000.150.27.0	22	2390	2700	1500
4000.150.30.0	22	2500	3000	1500
4000.150.40.0	22	2600	4000	1500

## natural anodised, dimmable DALI/TouchDIM

Article	Watt	Lumen	Kelvin	Lenght
4000.060.27.0 DIG	9	960	2700	600
4000.060.30.0 DIG	9	1000	3000	600
4000.060.40.0 DIG	9	1040	4000	600
4000.090.27.0 DIG	13	1430	2700	900
4000.090.30.0 DIG	13	1500	3000	900
4000.090.40.0 DIG	13	1560	4000	900
4000.120.27.0 DIG	18	1910	2700	1200
4000.120.30.0 DIG	18	2000	3000	1200
4000.120.40.0 DIG	18	2080	4000	1200
4000.150.27.0 DIG	22	2390	2700	1500
4000.150.30.0 DIG	22	2500	3000	1500
4000.150.40.0 DIG	22	2600	4000	1500

## Mounted lamps

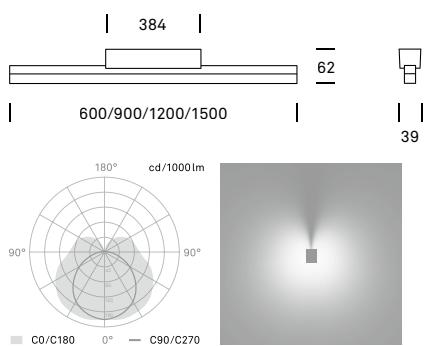
SPINAled with acrylic glass diffuser

### chrome polished, on/off

Article	Watt	Lumen	Kelvin	Lenght
4000.060.27.1	9	960	2700	600
4000.060.30.1	9	1000	3000	600
4000.060.40.1	9	1040	4000	600
4000.090.27.1	13	1430	2700	900
4000.090.30.1	13	1500	3000	900
4000.090.40.1	13	1560	4000	900
4000.120.27.1	18	1910	2700	1200
4000.120.30.1	18	2000	3000	1200
4000.120.40.1	18	2080	4000	1200
4000.150.27.1	22	2390	2700	1500
4000.150.30.1	22	2500	3000	1500
4000.150.40.1	22	2600	4000	1500

### chrome polished, dimmable DALI/TouchDIM

Article	Watt	Lumen	Kelvin	Lenght
4000.060.27.1 DIG	9	960	2700	600
4000.060.30.1 DIG	9	1000	3000	600
4000.060.40.1 DIG	9	1040	4000	600
4000.090.27.1 DIG	13	1430	2700	900
4000.090.30.1 DIG	13	1500	3000	900
4000.090.40.1 DIG	13	1560	4000	900
4000.120.27.1 DIG	18	1910	2700	1200
4000.120.30.1 DIG	18	2000	3000	1200
4000.120.40.1 DIG	18	2080	4000	1200
4000.150.27.1 DIG	22	2390	2700	1500
4000.150.30.1 DIG	22	2500	3000	1500
4000.150.40.1 DIG	22	2600	4000	1500



## Mounted lamps with external control gear

SPINAled with acrylic glass diffuser



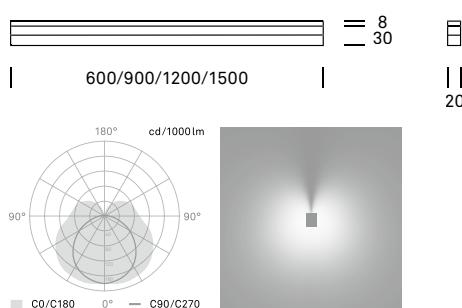
- Mounting: Can be mounted on the ceiling or wall
- Function: Can be mounted in series with an intermediate connection or connecting profiles (order separately)
- Lamp housing: Extruded aluminium
- Optics: Acrylic glass diffuser, opal
- Lamps: LED CRI 85, 2700 K, 3000 K or 4000 K, integrated
- Service life: 100'000h L80 B10 (Ta 25° C)
- Control gear: PS 230 V/50 Hz, constant current 450 mA (order separately)
- Lamp protection class: III
- Protection level: IP 54
- Energy efficiency class: A to A++, includes built-in LED lamps, unexchangeable lamps

### natural anodised

Article	Watt	Lumen	Kelvin	Lenght
4020.060.27.0	9	960	2700	600
4020.060.30.0	9	1000	3000	600
4020.060.40.0	9	1040	4000	600
4020.090.27.0	13	1430	2700	900
4020.090.30.0	13	1500	3000	900
4020.090.40.0	13	1560	4000	900
4020.120.27.0	18	1910	2700	1200
4020.120.30.0	18	2000	3000	1200
4020.120.40.0	18	2080	4000	1200
4020.150.27.0	22	2390	2700	1500
4020.150.30.0	22	2500	3000	1500
4020.150.40.0	22	2600	4000	1500

### chrome polished

Article	Watt	Lumen	Kelvin	Lenght
4020.060.27.1	9	960	2700	600
4020.060.30.1	9	1000	3000	600
4020.060.40.1	9	1040	4000	600
4020.090.27.1	13	1430	2700	900
4020.090.30.1	13	1500	3000	900
4020.090.40.1	13	1560	4000	900
4020.120.27.1	18	1910	2700	1200
4020.120.30.1	18	2000	3000	1200
4020.120.40.1	18	2080	4000	1200
4020.150.27.1	22	2390	2700	1500
4020.150.30.1	22	2500	3000	1500
4020.150.40.1	22	2600	4000	1500



## Control gears

- Operating devices 230 V/50–60 Hz
- Constant current, per lamp length permanently adjusted
- with short circuit and overload protected
- max. 1 lamp per control gear

Article	Watt	Light control	Dimension (mm)
915.009.060	9	on/off	145 x 43 x 30
915.009.060 DIG	9	DALI/TouchDIM	119 x 53 x 30
915.013.090	13	on/off	145 x 43 x 30
915.013.090 DIG	13	DALI/TouchDIM	119 x 53 x 30
915.018.120	18	on/off	145 x 43 x 30
915.018.120 DIG	18	DALI/TouchDIM	190 x 43 x 30
915.022.150	22	on/off	145 x 43 x 30
915.022.150 DIG	22	DALI/TouchDIM	190 x 43 x 30

## Connection profile

Article	Color	Lenght
4020.060.0	natural anodised	600
4020.090.0	natural anodised	900
4020.120.0	natural anodised	1200
4020.150.0	natural anodised	1500
4020.180.0	natural anodised	1800

## Intermediate connector



Article	Color
4020.000.0	natural anodised
4020.000.1	chrome polished

## Pendant lamps

SPINAled with acrylic glass diffuser



- Mounting: For mounting on the ceiling, 2 nickel-plated steel-cable suspensions, length 2500 mm, continuously adjustable height, 2 cable holders, transparent cable 2 x 0.35 mm<sup>2</sup>
- Lamp housing: Extruded aluminium mat anodised, with passive cooling
- Optics: Acrylic glass diffuser, opal
- Lamps: LED CRI 85, 2700 K, 3000 K or 4000 K, integrated
- Service life: 100'000h L80 B10 (Ta 25° C)
- Control gear: PS 230 V/50 Hz (in a separate housing)
- Lamp protection class: I
- Protection level: IP 20
- Energy efficiency class: A to A++, includes built-in LED lamps, unexchangeable lamps

### natural anodised, on/off

Article	Watt	Lumen	Kelvin	Lengtht
4010.120.27.0	18	1910	2700	1200
4010.120.30.0	18	2000	3000	1200
4010.120.40.0	18	2080	4000	1200
4010.150.27.0	22	2390	2700	1500
4010.150.30.0	22	2500	3000	1500
4010.150.40.0	22	2600	4000	1500

### natural anodised, dimmable DALI/TouchDIM

Article	Watt	Lumen	Kelvin	Lengtht
4010.120.27.0 DIG	18	1910	2700	1200
4010.120.30.0 DIG	18	2000	3000	1200
4010.120.40.0 DIG	18	2080	4000	1200
4010.150.27.0 DIG	22	2390	2700	1500
4010.150.30.0 DIG	22	2500	3000	1500
4010.150.40.0 DIG	22	2600	4000	1500

## Mounted lamps

SPINAled with acrylic glass diffuser, with dot matrix



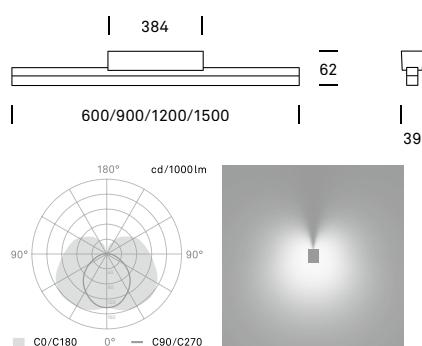
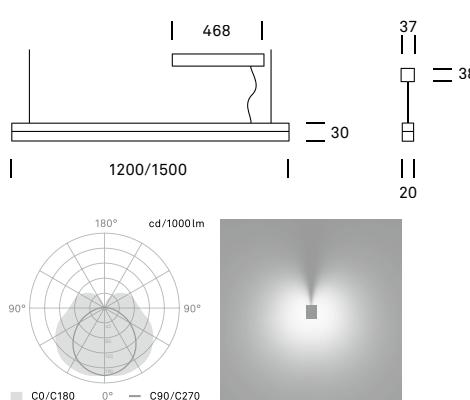
- Mounting: Can be mounted on the ceiling or wall with patented plug connection for easy to install lighting
- Lamp housing: Extruded aluminium
- Optics: Acrylic glass diffuser opal with dot matrix
- Lamps: LED CRI 85, 2700 K, 3000 K or 4000 K, integrated
- Service life: 100'000h L80 B10 (Ta 25° C)
- Control gear: PS 230 V/50 Hz
- Lamp protection class: I
- Protection level: IP 20
- Energy efficiency class: A to A++, includes built-in LED lamps, unexchangeable lamps

### natural anodised, on/off

Article	Watt	Lumen	Kelvin	Lengtht
4001.060.27.0	9	740	2700	600
4001.060.30.0	9	770	3000	600
4001.060.40.0	9	800	4000	600
4001.090.27.0	13	1100	2700	900
4001.090.30.0	13	1150	3000	900
4001.090.40.0	13	1200	4000	900
4001.120.27.0	18	1470	2700	1200
4001.120.30.0	18	1540	3000	1200
4001.120.40.0	18	1600	4000	1200
4001.150.27.0	22	1840	2700	1500
4001.150.30.0	22	1920	3000	1500
4001.150.40.0	22	2000	4000	1500

### natural anodised, dimmable DALI/TouchDIM

Article	Watt	Lumen	Kelvin	Lengtht
4001.060.27.0 DIG	9	740	2700	600
4001.060.30.0 DIG	9	770	3000	600
4001.060.40.0 DIG	9	800	4000	600
4001.090.27.0 DIG	13	1100	2700	900
4001.090.30.0 DIG	13	1150	3000	900
4001.090.40.0 DIG	13	1200	4000	900
4001.120.27.0 DIG	18	1470	2700	1200
4001.120.30.0 DIG	18	1540	3000	1200
4001.120.40.0 DIG	18	1600	4000	1200
4001.150.27.0 DIG	22	1840	2700	1500
4001.150.30.0 DIG	22	1920	3000	1500
4001.150.40.0 DIG	22	2000	4000	1500



## Mounted lamps

SPINAled with acrylic glass diffuser, with dot matrix

### chrome polished, on/off

Article	Watt	Lumen	Kelvin	Lenght
4001.060.27.1	9	740	2700	600
4001.060.30.1	9	770	3000	600
4001.060.40.1	9	800	4000	600
4001.090.27.1	13	1100	2700	900
4001.090.30.1	13	1150	3000	900
4001.090.40.1	13	1200	4000	900
4001.120.27.1	18	1470	2700	1200
4001.120.30.1	18	1540	3000	1200
4001.120.40.1	18	1600	4000	1200
4001.150.27.1	22	1840	2700	1500
4001.150.30.1	22	1920	3000	1500
4001.150.40.1	22	2000	4000	1500

### chrome polished, dimmable DALI/TouchDIM

Article	Watt	Lumen	Kelvin	Lenght
4001.060.27.1 DIG	9	740	2700	600
4001.060.30.1 DIG	9	770	3000	600
4001.060.40.1 DIG	9	800	4000	600
4001.090.27.1 DIG	13	1100	2700	900
4001.090.30.1 DIG	13	1150	3000	900
4001.090.40.1 DIG	13	1200	4000	900
4001.120.27.1 DIG	18	1470	2700	1200
4001.120.30.1 DIG	18	1540	3000	1200
4001.120.40.1 DIG	18	1600	4000	1200
4001.150.27.1 DIG	22	1840	2700	1500
4001.150.30.1 DIG	22	1920	3000	1500
4001.150.40.1 DIG	22	2000	4000	1500

## Mounted lamps with external control gear

SPINAled with acrylic glass diffuser, with dot matrix



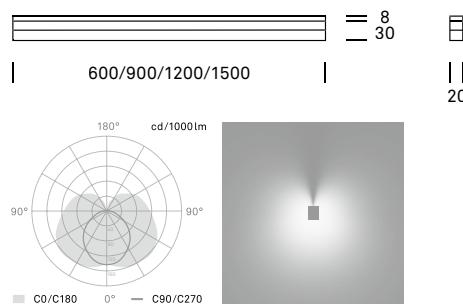
- Mounting: Can be mounted on the ceiling or wall
- Function: Can be mounted in series with an intermediate connection or connecting profiles (order separately)
- Lamp housing: Extruded aluminium
- Optics: Acrylic glass diffuser opal with dot matrix
- Lamps: LED CRI 85, 2700 K, 3000 K or 4000 K, integrated
- Service life: 100'000h L80 B10 (Ta 25° C)
- Control gear: PS 230 V/50 Hz, constant current 450 mA (order separately)
- Lamp protection class: III
- Protection level: IP 54
- Energy efficiency class: A to A++, includes built-in LED lamps, unexchangeable lamps

### natural anodised

Article	Watt	Lumen	Kelvin	Lenght
4021.060.27.0	9	740	2700	600
4021.060.30.0	9	770	3000	600
4021.060.40.0	9	800	4000	600
4021.090.27.0	13	1100	2700	900
4021.090.30.0	13	1150	3000	900
4021.090.40.0	13	1200	4000	900
4021.120.27.0	18	1470	2700	1200
4021.120.30.0	18	1540	3000	1200
4021.120.40.0	18	1600	4000	1200
4021.150.27.0	22	1840	2700	1500
4021.150.30.0	22	1920	3000	1500
4021.150.40.0	22	2000	4000	1500

### chrome polished

Article	Watt	Lumen	Kelvin	Lenght
4021.060.27.1	9	740	2700	600
4021.060.30.1	9	770	3000	600
4021.060.40.1	9	800	4000	600
4021.090.27.1	13	1100	2700	900
4021.090.30.1	13	1150	3000	900
4021.090.40.1	13	1200	4000	900
4021.120.27.1	18	1470	2700	1200
4021.120.30.1	18	1540	3000	1200
4021.120.40.1	18	1600	4000	1200
4021.150.27.1	22	1840	2700	1500
4021.150.30.1	22	1920	3000	1500
4021.150.40.1	22	2000	4000	1500



## Control gears

- Operating devices 230 V/50–60 Hz
- Constant current, per lamp length permanently adjusted
- with short circuit and overload protected
- max. 1 lamp per control gear

Article	Watt	Light control	Dimension (mm)
915.009.060	9	on/off	145 x 43 x 30
915.009.060 DIG	9	DALI/TouchDIM	119 x 53 x 30
915.013.090	13	on/off	145 x 43 x 30
915.013.090 DIG	13	DALI/TouchDIM	119 x 53 x 30
915.018.120	18	on/off	145 x 43 x 30
915.018.120 DIG	18	DALI/TouchDIM	190 x 43 x 30
915.022.150	22	on/off	145 x 43 x 30
915.022.150 DIG	22	DALI/TouchDIM	190 x 43 x 30

## Connection profile

Article	Color	Lenght
4020.060.0	natural anodised	600
4020.090.0	natural anodised	900
4020.120.0	natural anodised	1200
4020.150.0	natural anodised	1500
4020.180.0	natural anodised	1800

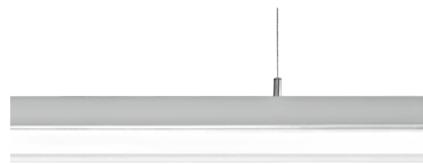
## Intermediate connector



Article	Color
4020.000.0	natural anodised

## Pendant lamps

SPINAled with linear lens clear/mat,  $\leq 60^\circ$



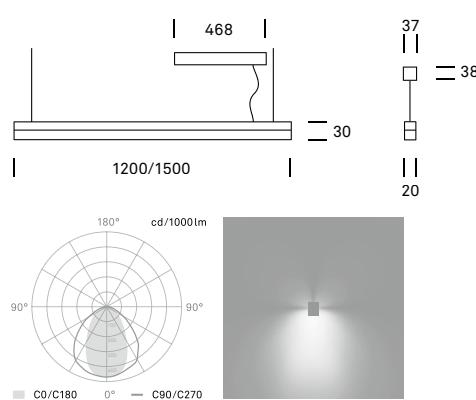
- Mounting: For mounting on the ceiling, 2 nickel-plated steel-cable suspensions, length 2500 mm, continuously adjustable height, 2 cable holders, transparent cable 2 x 0.35 mm<sup>2</sup>
- Lamp housing: Extruded aluminium
- Optics:  $\leq 60^\circ$
- Lamps: LED CRI 85, 2700 K, 3000 K or 4000 K, integrated
- Service life: 100'000h L80 B10 (Ta 25° C)
- Control gear: PS 230 V/50 Hz (in a separate housing)
- Lamp protection class: I
- Protection level: IP 20
- Energy efficiency class: A to A++, includes built-in LED lamps, unexchangeable lamps

## natural anodised, on/off

Article	Watt	Lumen	Kelvin	Lenght
4012.120.27.0	18	2160	2700	1200
4012.120.30.0	18	1950	3000	1200
4012.120.40.0	18	2050	4000	1200
4012.150.27.0	22	2700	2700	1500
4012.150.30.0	22	2440	3000	1500
4012.150.40.0	22	2560	4000	1500

## natural anodised, dimmable DALI/TouchDIM

Article	Watt	Lumen	Kelvin	Lenght
4012.120.27.0 DIG	18	2160	2700	1200
4012.120.30.0 DIG	18	1950	3000	1200
4012.120.40.0 DIG	18	2050	4000	1200
4012.150.27.0 DIG	22	2700	2700	1500
4012.150.30.0 DIG	22	2440	3000	1500
4012.150.40.0 DIG	22	2560	4000	1500



## Pendant lamps

SPINAled with linear lense clear/mat, <math>\leq 60^\circ</math>



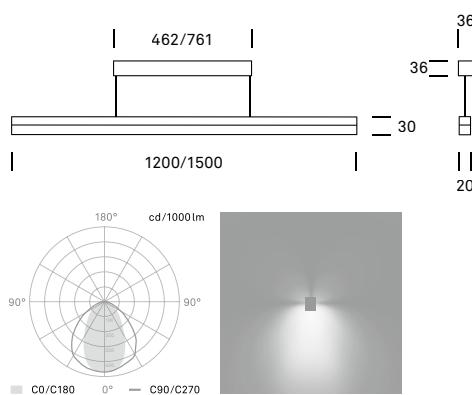
- Mounting: For mounting on the ceiling, 2 nickel-plated copper cables, transparently sheathed, length 2500 mm, continuously adjustable height
- Lamp housing: Extruded aluminium
- Optics: <math>\leq 60^\circ</math>
- Lamps: LED CRI 85, 2700 K, 3000 K or 4000 K, integrated
- Service life: 100'000h L80 B10 (Ta 25° C)
- Control gear: PS 230 V/50 Hz (in a separate housing)
- Lamp protection class: I
- Protection level: IP 20
- Energy efficiency class: A to A++, includes built-in LED lamps, unexchangeable lamps

### chrome polished, on/off

Article	Watt	Lumen	Kelvin	Lengtht
4012.120.27.1	18	2160	2700	1200
4012.120.30.1	18	2260	3000	1200
4012.120.40.1	18	2350	4000	1200
4012.150.27.1	22	2700	2700	1500
4012.150.30.1	22	2820	3000	1500
4012.150.40.1	22	2940	4000	1500

### chrome polished, dimmable DALI/TouchDIM

Article	Watt	Lumen	Kelvin	Lengtht
4012.120.27.1 DIG	18	2160	2700	1200
4012.120.30.1 DIG	18	2260	3000	1200
4012.120.40.1 DIG	18	2350	4000	1200
4012.150.27.1 DIG	22	2700	2700	1500
4012.150.30.1 DIG	22	2820	3000	1500
4012.150.40.1 DIG	22	2940	4000	1500





# SPYKE



**Mounted spotlights**

182



**Mounted spotlights with external control gear**

182



**Mounted profile spotlights**

183

2-flame

## Mounted spotlights SPYKE



- Mounting: Can be mounted on the ceiling or wall with patented plug connection for easy to install lighting
- Function: 360° rotation and 120° swivel action
- Lamp housing: Diecast aluminium
- Optics: Reflector unit with bayonet fitting 15°, 25° or 40° (order separately)
- Lamps: LED CRI 85, 2700 K, 3000 K or 4000 K, integrated
- Service life: 50'000h L80 B10 (Ta 25° C)
- Control gear: PS 230 V/50 Hz
- Lamp protection class: I
- Protection level: IP 20
- Energy efficiency class: A to A++, includes built-in LED lamps, unexchangeable lamps

### grey RAL 9006, on/off

Article	Watt	Lumen	Kelvin
4066.201.27.8	27	2770	2700
4066.201.30.8	27	2900	3000
4066.201.40.8	27	2990	4000

### grey RAL 9006, dimmable DALI

Article	Watt	Lumen	Kelvin
4066.201.27.8 DIG	27	2770	2700
4066.201.30.8 DIG	27	2900	3000
4066.201.40.8 DIG	27	2990	4000

### black RAL 9005, on/off

Article	Watt	Lumen	Kelvin
4066.201.27.2	27	2770	2700
4066.201.30.2	27	2900	3000
4066.201.40.2	27	2990	4000

### black RAL 9005, dimmable DALI

Article	Watt	Lumen	Kelvin
4066.201.27.2 DIG	27	2770	2700
4066.201.30.2 DIG	27	2900	3000
4066.201.40.2 DIG	27	2990	4000

### white RAL 9003, on/off

Article	Watt	Lumen	Kelvin
4066.201.27.3	27	2770	2700
4066.201.30.3	27	2900	3000
4066.201.40.3	27	2990	4000

### white RAL 9003, dimmable DALI

Article	Watt	Lumen	Kelvin
4066.201.27.3 DIG	27	2770	2700
4066.201.30.3 DIG	27	2900	3000
4066.201.40.3 DIG	27	2990	4000

## Mounted spotlights with external control gear SPYKE



- Mounting: Suitable for installing in cavity ceilings and concrete ceilings with Kaiser concrete moulded housing Halox-0 No. 1281
- Function: 360° rotation and 120° swivel action
- Lamp housing: Diecast aluminium
- Optics: Reflector unit with bayonet fitting 15°, 25° or 40° (order separately)
- Lamps: LED CRI 85, 2700 K, 3000 K or 4000 K, integrated
- Service life: 50'000h L80 B10 (Ta 25° C)
- Control gear: PS 230 V/50 Hz, constant current 700 mA (order separately)
- Lamp protection class: III
- Protection level: IP 20
- Energy efficiency class: A to A++, includes built-in LED lamps, unexchangeable lamps

### grey RAL 9006

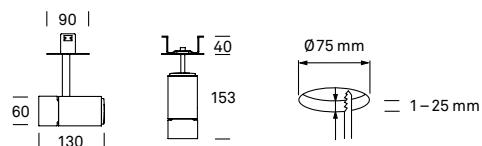
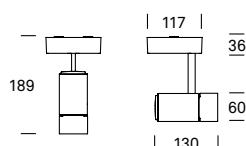
Article	Watt	Lumen	Kelvin
4066.151.27.8	27	2770	2700
4066.151.30.8	27	2900	3000
4066.151.40.8	27	2990	4000

### black RAL 9005

Article	Watt	Lumen	Kelvin
4066.151.27.2	27	2770	2700
4066.151.30.2	27	2900	3000
4066.151.40.2	27	2990	4000

### white RAL 9003

Article	Watt	Lumen	Kelvin
4066.151.27.3	27	2770	2700
4066.151.30.3	27	2900	3000
4066.151.40.3	27	2990	4000



## Control gears

- Control gear 230 V/50–60 Hz
- Constant current 700 mA
- With short-circuit and overload protection
- max. 1 lamp per control gear

Article	Watt	Light control	Dimension (mm)
915.032.700	27	on/off	103 x 67 x 21
915.027.700 DIG	27	DALI/TouchDIM	103 x 67 x 30

## Mounted profile spotlights, 2-flame

SPYKE



- Mounting: Can be mounted on the ceiling or wall with patented plug connection for easy to install lighting
- Function: 360° rotation and 120° swivel action
- Feed-through wiring: 5 x 1.5 mm², for series mounting
- Lamp housing: Extruded aluminium/cast aluminium
- Optics: Reflector unit with bayonet fitting 15°, 25° or 40° (order separately)
- Lamps: LED CRI 85, 2700 K, 3000 K or 4000 K, integrated
- Service life: 50'000h L80 B10 (Ta 25° C)
- Control gear: PS 230 V/50 Hz
- Lamp protection class: I
- Protection level: IP 20
- Energy efficiency class: A to A++, includes built-in LED lamps, unexchangeable lamps

### grey RAL 9006, on/off

Article	Watt	Lumen	Kelvin	Lenght
4066.122.27.8	54	5540	2700	1200
4066.122.30.8	54	5790	3000	1200
4066.122.40.8	54	5970	4000	1200

### grey RAL 9006, dimmable DALI/TouchDIM

Article	Watt	Lumen	Kelvin	Lenght
4066.122.27.8 DIG	54	5540	2700	1200
4066.122.30.8 DIG	54	5790	3000	1200
4066.122.40.8 DIG	54	5970	4000	1200

### black RAL 9005, on/off

Article	Watt	Lumen	Kelvin	Lenght
4066.122.27.2	54	5540	2700	1200
4066.122.30.2	54	5790	3000	1200
4066.122.40.2	54	5970	4000	1200

### black RAL 9005, dimmable DALI/TouchDIM

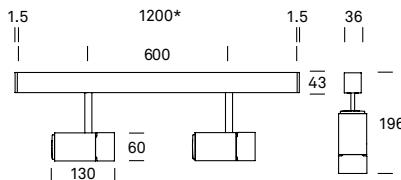
Article	Watt	Lumen	Kelvin	Lenght
4066.122.27.2 DIG	54	5540	2700	1200
4066.122.30.2 DIG	54	5790	3000	1200
4066.122.40.2 DIG	54	5970	4000	1200

### white RAL 9003, on/off

Article	Watt	Lumen	Kelvin	Lenght
4066.122.27.3	54	5540	2700	1200
4066.122.30.3	54	5790	3000	1200
4066.122.40.3	54	5970	4000	1200

### white RAL 9003, dimmable DALI/TouchDIM

Article	Watt	Lumen	Kelvin	Lenght
4066.122.27.3 DIG	54	5540	2700	1200
4066.122.30.3 DIG	54	5790	3000	1200
4066.122.40.3 DIG	54	5970	4000	1200



\* Length without end plates

## Reflector unit



- Simple assembly without tools

Article

4065.000.20.9	15
4065.000.30.9	25
4065.000.40.9	40

## Connecting plate

- for interconnection of single lamps (series mounting)
- Feed-through wiring

Article

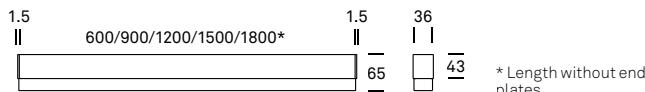
4060.000.00.0
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## Connecting profile for mounted and pendant lamps

- for interconnection of single lamps (series mounting)
- 2 connecting plates
- Feed-through wiring

Article	Color	Length
4060.060.00.0	natural anodised	600
4060.090.00.0	natural anodised	900
4060.120.00.0	natural anodised	1200
4060.150.00.0	natural anodised	1500
4060.180.00.0	natural anodised	1800
4060.060.00.2	black RAL 9005	600
4060.090.00.2	black RAL 9005	900
4060.120.00.2	black RAL 9005	1200
4060.150.00.2	black RAL 9005	1500
4060.180.00.2	black RAL 9005	1800
4060.060.00.3	white RAL 9003	600
4060.090.00.3	white RAL 9003	900
4060.120.00.3	white RAL 9003	1200
4060.150.00.3	white RAL 9003	1500
4060.180.00.3	white RAL 9003	1800

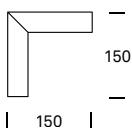


\* Length without end plates

## Corner connector 90° for mounted and pendant lamps

- 2 connecting plates
- Feed-through wiring

Article	Color
4060.500.00.0	natural anodised
4060.500.00.2	black RAL 9005
4060.500.00.3	white RAL 9003



## Mounting bracket set

- 2 items
- For free cable routing
- Ceiling/wall spacing 8 mm

Article	Color
212.100.0	natural anodised
212.100.2	black RAL 9005
212.100.3	white RAL 9003







# VERTICO



**Mounted spotlights**

188



**Mounted spotlights with external control gear**

188



**Mounted profile spotlights**  
2-flame

189



**Track mounted spotlights**

190



**Pendant lamps**

191

**Mounted spotlights**  
VERTICO



- Mounting: Can be mounted on the ceiling or wall
- Function: 360° rotation and 90° swivel action
- Lamp housing: Brushed aluminium
- Optics: High-quality glass lens, fully adjustable focus from 20° to 60°
- Lamps: LED CRI 95, 2700 K, 3000 K, 4000 K (max. 30% lumen reduction with a variable beam angle)
- Service life: 100'000h L80 B10 (Ta 25° C)
- Control gear: EB 230 V/50 Hz, dimmable DALI
- Lamp protection class: I
- Protection level: IP 20
- Energy efficiency class: A to A++, includes built-in LED lamps, unexchangeable lamps

**natural anodised, dimmable DALI/TouchDIM**

Article	Watt	Lumen	Kelvin
4085.700.27.0 DIG	14	1230	2700
4085.700.30.0 DIG	14	1260	3000
4085.700.40.0 DIG	14	1330	4000

**black anodised, dimmable DALI/TouchDIM**

Article	Watt	Lumen	Kelvin
4085.700.27.2 DIG	14	1230	2700
4085.700.30.2 DIG	14	1260	3000
4085.700.40.2 DIG	14	1330	4000

**white RAL 9003, dimmable DALI/TouchDIM**

Article	Watt	Lumen	Kelvin
4085.700.27.3 DIG	14	1230	2700
4085.700.30.3 DIG	14	1260	3000
4085.700.40.3 DIG	14	1330	4000

**Mounted spotlights with external control gear**  
VERTICO



- Mounting: Can be mounted on the ceiling or wall
- Function: 360° rotation and 90° swivel action
- Lamp housing: Brushed aluminium
- Optics: High-quality glass lens, fully adjustable focus from 20° to 60°
- Lamps: LED CRI 95, 2700 K, 3000 K, 4000 K (max. 30% lumen reduction with a variable beam angle)
- Service life: 100'000h L80 B10 (Ta 25° C)
- Control gear: PS 230 V/50 Hz, constant current 350 mA (order separately)
- Lamp protection class: III
- Protection level: IP 20
- Energy efficiency class: A to A++, includes built-in LED lamps, unexchangeable lamps

**natural anodised**

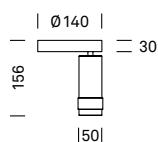
Article	Watt	Lumen	Kelvin
4085.750.27.0	14	1230	2700
4085.750.30.0	14	1260	3000
4085.750.40.0	14	1330	4000

**black anodised**

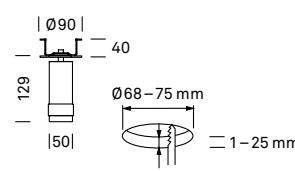
Article	Watt	Lumen	Kelvin
4085.750.27.2	14	1230	2700
4085.750.30.2	14	1260	3000
4085.750.40.2	14	1330	4000

**white RAL 9003**

Article	Watt	Lumen	Kelvin
4085.750.27.3	14	1230	2700
4085.750.30.3	14	1260	3000
4085.750.40.3	14	1330	4000



	1.0 0.4-1.1	2.0 0.7-2.1	3.0 1.1-3.1	4.0 1.4-4.2	5.0 1.8-5.2	Ø



	1.0 0.4-1.1	2.0 0.7-2.1	3.0 1.1-3.1	4.0 1.4-4.2	5.0 1.8-5.2	Ø

## Control gears for the VERTICO mounted spotlights

- Control gear 230 V/50–60 Hz
- Constant current 350 mA
- with short circuit and overload protected
- max. 1 lamp per control gear

Article	Watt	Light control	Dimension (mm)
915.019.350	14	on/off	120 x 52 x 22
915.019.350 DIG	14	DALI/TouchDIM	119 x 53 x 30

## Mounted profile spotlights, 2-flame

VERTICO



- Mounting: Can be mounted on the ceiling or wall with patented plug connection for easy to install lighting
- Function: 360° rotation and 90° swivel action
- Feed-through wiring: 5 x 1.5 mm², for series mounting
- Lamp housing: Brushed aluminium
- Optics: High-quality glass lens, fully adjustable focus from 20° to 60°
- Lamps: LED CRI 95, 2700 K, 3000 K, 4000 K (max. 30% lumen reduction with a variable beam angle)
- Service life: 100'000h L80 B10 (Ta 25°C)
- Control gear: EB 230 V/50 Hz, dimmable DALI
- Lamp protection class: I
- Protection level: IP 20
- Energy efficiency class: A to A++, includes built-in LED lamps, unexchangeable lamps

### natural anodised, dimmable DALI/TouchDIM

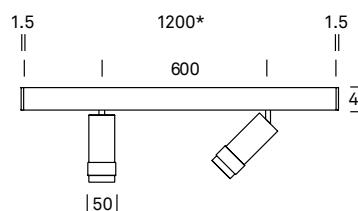
Article	Watt	Lumen	Kelvin	Lenght
4085.722.27.0 DIG	28	2460	2700	1200
4085.722.30.0 DIG	28	2520	3000	1200
4085.722.40.0 DIG	28	2660	4000	1200

### black anodised, dimmable DALI/TouchDIM

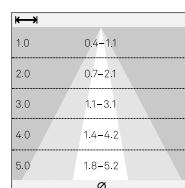
Article	Watt	Lumen	Kelvin	Lenght
4085.722.27.2 DIG	28	2460	2700	1200
4085.722.30.2 DIG	28	2520	3000	1200
4085.722.40.2 DIG	28	2660	4000	1200

### white RAL 9003, dimmable DALI/TouchDIM

Article	Watt	Lumen	Kelvin	Lenght
4085.722.27.3 DIG	28	2460	2700	1200
4085.722.30.3 DIG	28	2520	3000	1200
4085.722.40.3 DIG	28	2660	4000	1200



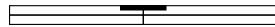
\* Length without end plates



## Connecting plate

- for interconnection of single lamps (series mounting)
- Feed-through wiring

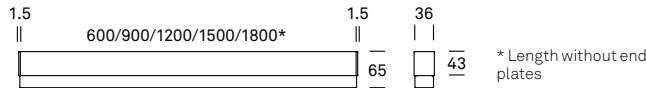
Article  
4060.000.00.0



## Connecting profile for mounted and pendant lamps

- for interconnection of single lamps (series mounting)
- 2 connecting plates
- Feed-through wiring

Article	Color	Length
4060.060.00.0	natural anodised	600
4060.090.00.0	natural anodised	900
4060.120.00.0	natural anodised	1200
4060.150.00.0	natural anodised	1500
4060.180.00.0	natural anodised	1800
4060.060.00.2	black RAL 9005	600
4060.090.00.2	black RAL 9005	900
4060.120.00.2	black RAL 9005	1200
4060.150.00.2	black RAL 9005	1500
4060.180.00.2	black RAL 9005	1800
4060.060.00.3	white RAL 9003	600
4060.090.00.3	white RAL 9003	900
4060.120.00.3	white RAL 9003	1200
4060.150.00.3	white RAL 9003	1500
4060.180.00.3	white RAL 9003	1800

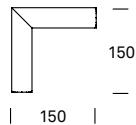


\* Length without end plates

## Corner connector 90° for mounted and pendant lamps

- 2 connecting plates
- Feed-through wiring

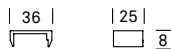
Article	Color
4060.500.00.0	natural anodised
4060.500.00.2	black RAL 9005
4060.500.00.3	white RAL 9003



## Mounting bracket set

- 2 items
- For free cable routing
- Ceiling /wall spacing 8 mm

Article	Color
212.100.0	natural anodised
212.100.2	black RAL 9005
212.100.3	white RAL 9003



## Track mounted spotlight

VERTICO



- Mounting: Can be mounted on 3-phase track spotlight, integrated multi-3-phase adapter Eutrac / Global Trac model, not suitable for mounting on the wall
- Function: 360° rotation and 90° swivel action
- Lamp housing: Brushed aluminium
- Optics: High-quality glass lens, fully adjustable focus from 20° to 60°
- Lamps: LED CRI 95, 2700 K, 3000 K, 4000 K (max. 30% lumen reduction with a variable beam angle)
- Service life: 100'000h L80 B10 (Ta 25°C)
- Control gear: EB 230 V/50 Hz, static
- Lamp protection class: I
- Protection level: IP 20
- Energy efficiency class: A to A++, includes built-in LED lamps, unexchangeable lamps

## natural anodised, on/off

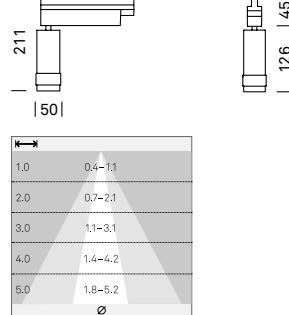
Article	Watt	Lumen	Kelvin
4085.731.27.0	14	1230	2700
4085.731.30.0	14	1260	3000
4085.731.40.0	14	1330	4000

## black anodised, on/off

Article	Watt	Lumen	Kelvin
4085.731.27.2	14	1230	2700
4085.731.30.2	14	1260	3000
4085.731.40.2	14	1330	4000

## white RAL 9003, on/off

Article	Watt	Lumen	Kelvin
4085.731.27.3	14	1230	2700
4085.731.30.3	14	1260	3000
4085.731.40.3	14	1330	4000



## Pendant lamps

VERTICO



- Mounting: Can be mounted on ceiling, black fabric cable Ø 7 mm, 5 x 0.75 mm<sup>2</sup> (DALI), length 2500 mm (order canopy or mounting rail separately)
- Lamp housing: Brushed aluminium
- Optics: High-quality glass lens, fully adjustable focus from 20° to 60°
- Lamps: LED CRI 95, 2700 K, 3000 K, 4000 K (max. 30% lumen reduction with a variable beam angle)
- Service life: 100'000h L80 B10 (Ta 25°C)
- Control gear: EB 230 V/50 Hz, dimmable DALI
- Lamp protection class: I
- Protection level: IP 20
- Energy efficiency class: A to A++, includes built-in LED lamps, unexchangeable lamps

### champagne anodised, dimmable DALI

Article	Watt	Lumen	Kelvin
4085.200.27.9 DIG	13	1050	2700
4085.200.30.9 DIG	13	1070	3000
4085.200.40.9 DIG	13	1130	4000

### natural anodised, dimmable DALI

Article	Watt	Lumen	Kelvin
4085.200.27.0 DIG	13	1050	2700
4085.200.30.0 DIG	13	1070	3000
4085.200.40.0 DIG	13	1130	4000

### black anodised, dimmable DALI

Article	Watt	Lumen	Kelvin
4085.200.27.2 DIG	13	1050	2700
4085.200.30.2 DIG	13	1070	3000
4085.200.40.2 DIG	13	1130	4000

### white RAL 9003, dimmable DALI

Article	Watt	Lumen	Kelvin
4085.200.27.3 DIG	13	1050	2700
4085.200.30.3 DIG	13	1070	3000
4085.200.40.3 DIG	13	1130	4000



|50|

Ø	0.4-1.1
1.0	0.4-1.1
2.0	0.7-2.1
3.0	1.1-3.1
4.0	1.4-4.2
5.0	1.8-5.2
Ø	

## Canopy for pendant lamps

- Canopy: brushed aluminium

Article	Color
4085.221.0	natural anodised
4085.221.2	black anodised
4085.221.3	white RAL 9003
4085.221.9	champagne anodised

|50|



## Covering rosette for canopy

- Covering rosette: brushed aluminium
- For large cable outlet openings up to Ø 75 mm
- Tool-free assembly between canopy and ceiling

Article	Color
4085.220.0	natural anodised
4085.220.2	black anodised
4085.220.3	white RAL 9003
4085.220.9	champagne anodised

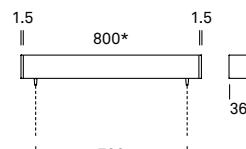
| 90 |



## Mounting rails for 2 pendant lamps

- Mounting rail: extruded aluminium section
- Feed-through wiring: 5 x 1.5 mm<sup>2</sup>, for series mounting
- Compatible with the METRON system
- Connecting plate: order separately

Article	Color	Length
4085.222.0	natural anodised	800
4085.222.2	black RAL 9005	800
4085.222.3	white RAL 9003	800

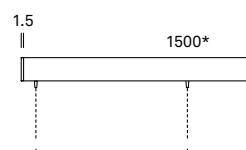


\* Length without end plates

## Mounting rails for 3 pendant lamps

- Mounting rail: extruded aluminium section
- Feed-through wiring: 5 x 1.5 mm<sup>2</sup>, for series mounting
- Compatible with the METRON system
- Connecting plate: order separately

Article	Color	Length
4085.223.0	natural anodised	1500
4085.223.2	black RAL 9005	1500
4085.223.3	white RAL 9003	1500



\* Length without end plates

## **Multi-adapter for 3-phase lighting track (Eutrac, Global Trac)**

- For lighting track from Eutrac, Global Trac
- Housing: polycarbonate V0
- With protective conductor connection and phase selector
- With data bus option (ordered separately)

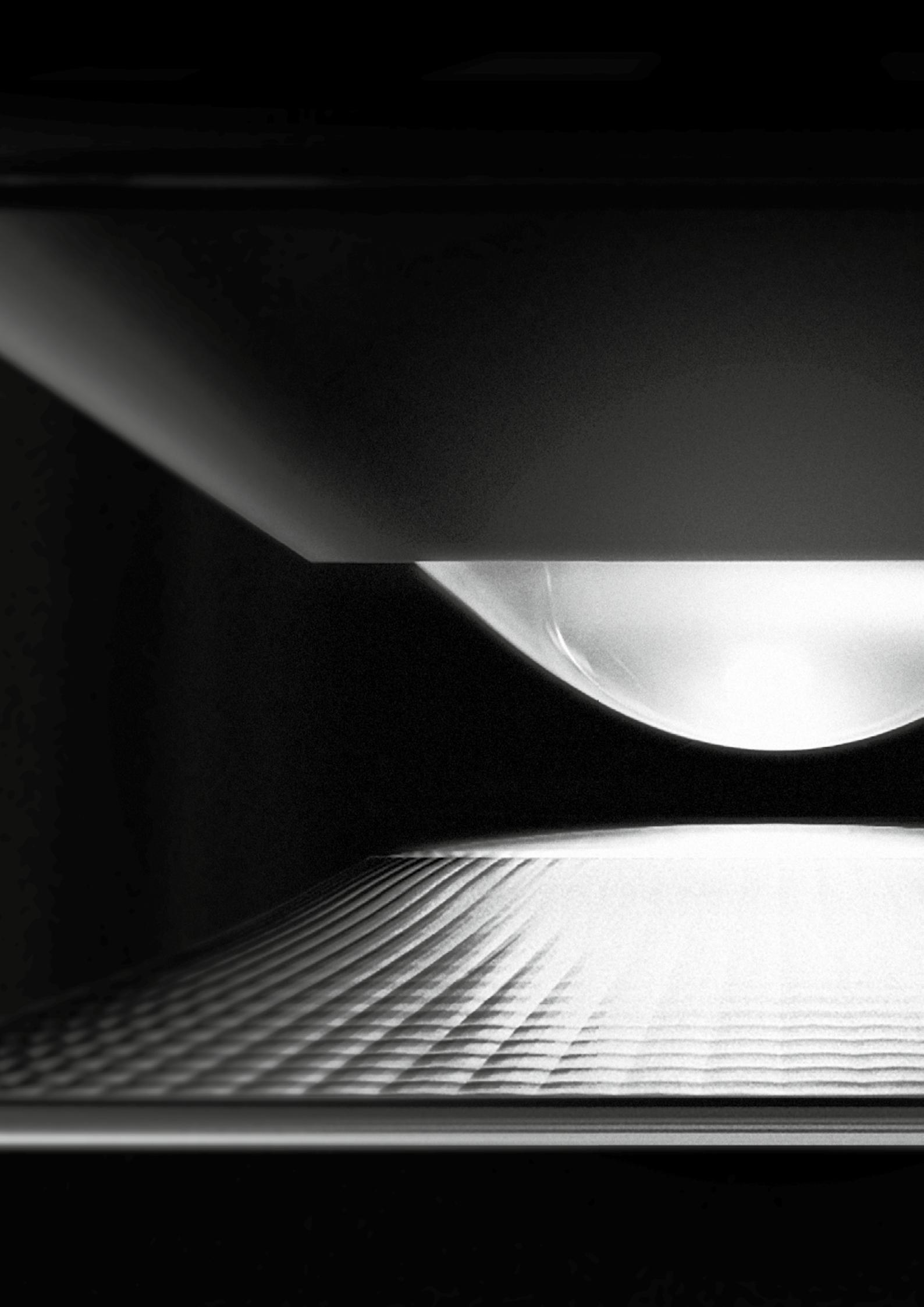
Article	Color
912.000.8	silver
912.000.2	black
912.000.3	white

## **Data bus for multi-adapter**

- Electronic PCB for installation in a multi-adapter
- with SELV safety device

Article
912.001.0





# VIOR



**Ceiling lamps**

196



**Ceiling lamps with external control gear**

196

**Mounted lamps AC (230 V)**  
VIOR ceiling lamps



- Mounting: For mounting on the ceiling and connection to 230 V AC / 50 Hz mains voltage, dimmable with phase-cut dimmer
- Lamp housing: Diecast aluminium, synthetic glass PMMA
- Optics: High-quality lens/microreflector lighting technology, patent pending. UGR <16
- Lamps: LED CRI 90, 2700 K or 3000 K (4000 K on request), integrated
- Service life: 50'000h L80 B10 (Ta 25° C)
- Lamp protection class: I
- Protection level: IP 50
- Energy efficiency class: A to A++, includes built-in LED lamps, unexchangeable lamps

**Highly transparent, black reflector**

Article	Watt	Lumen	Kelvin	▫°
4140.012.27.2 D	12	750	2700	40
4140.012.30.2 D	12	750	3000	40
4141.012.27.2 D	12	760	2700	50
4141.012.30.2 D	12	760	3000	50
4142.012.27.2 D	12	750	2700	60
4142.012.30.2 D	12	750	3000	60

**Highly transparent, white reflector**

Article	Watt	Lumen	Kelvin	▫°
4140.012.27.3 D	12	750	2700	40
4140.012.30.3 D	12	750	3000	40
4141.012.27.3 D	12	760	2700	50
4141.012.30.3 D	12	760	3000	50
4142.012.27.3 D	12	750	2700	60
4142.012.30.3 D	12	750	3000	60

**Mounted lamps with external control gear**  
VIOR ceiling lamps



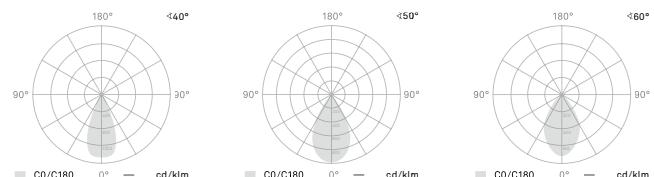
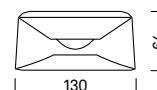
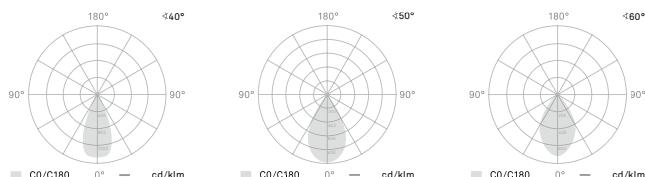
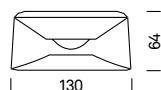
- Mounting: Suitable for installing in cavity ceilings and concrete ceilings with Kaiser concrete moulded housing Halox-0 No. 1281
- Lamp housing: Diecast aluminium, synthetic glass PMMA
- Optics: High-quality lens/microreflector lighting technology, patent pending. UGR <16
- Lamps: LED CRI 95, 2700 K or 3000 K (4000 K on request), integrated
- Service life: 100'000h L80 B10 (Ta 25° C)
- Control gear: PS 230 V/50 Hz, constant current 350 mA (order separately)
- Lamp protection class: III
- Protection level: IP 50
- Energy efficiency class: A to A++, includes built-in LED lamps, unexchangeable lamps

**Highly transparent, black reflector**

Article	Watt	Lumen	Kelvin	▫°
4143.012.27.2	15	1070	2700	40
4143.012.30.2	15	1070	3000	40
4144.012.27.2	15	1080	2700	50
4144.012.30.2	15	1080	3000	50
4145.012.27.2	15	1050	2700	60
4145.012.30.2	15	1050	3000	60

**Highly transparent, white reflector**

Article	Watt	Lumen	Kelvin	▫°
4143.012.27.3	15	1070	2700	40
4143.012.30.3	15	1070	3000	40
4144.012.27.3	15	1080	2700	50
4144.012.30.3	15	1080	3000	50
4145.012.27.3	15	1050	2700	60
4145.012.30.3	15	1050	3000	60



## Control gears for VIOR ceiling lamps with external control gear

- Operating devices 230 V/50–60 Hz
- Constant current 350 mA
- Short circuit and overload protected
- max. 1 lamp per control gear

Article	Watt	Light control	Dimension (mm)
915.019.350	14	on/off	120 x 52 x 22
915.019.350 DIG	14	DALI/TouchDIM	119 x 53 x 30

# Technical information

## LEDs in RIBAG lamps

### Quality

RIBAG only uses LED components from manufacturers that are global leaders in efficiency and lighting quality. We generally use LEDs with consistent quality parameters for the entire product range. This means that lighting quality is always at the same high level, a great advantage for the user.

### Selection

Specific tolerances result from the production of white LEDs. These tolerances are reflected in the colour location deviation, the preservation of luminous flux, and forward bias.

RIBAG uses the above-mentioned criteria to select LEDs and, in doing so, provides the best possible quality for the customer. The LEDs used by RIBAG show an excellent colour tolerance of 3 SDCM (Standard Deviation of Colour Matching).

### Colour rendering (CRI)

Colour rendering refers to a light source's ability to reproduce light as naturally as possible. A value of 100 correlates with accordance to a reference, though not automatically with an authentic colour impression in general. For this reason, we recommend a holistic approach to light quality that includes added criteria such as light colour, light level, light direction, etc., in addition to colour rendering. RIBAG uses a CRI target value of 85 for diffuse emanating lamp and a CRI target value of 95 for all targeted emanating lamps as standard.

### Lifespan

LEDs have a very low failure rate and, thereby, produce light for an extremely long period of time. The total failure of an LED is very rare. Early as the lamp's development phase, RIBAG pays attention to reliable thermal management in order to reach a maximum LED lifespan. RIBAG usually specifies the lamps with L80/B10 100,000 h, meaning that up to 100,000 hours, 90% of the LEDs have at least 80% of the original luminous flux. The remaining 10% of LEDs still have over 80% of their original luminous flux.

### High-voltage LEDs

LED lamps fitted with high-voltage LEDs (AC) can be run directly with the standard voltage of 230 volts. The high-voltage LED modules used by RIBAG can be run directly with the existing 3-wire house installation and dimmed using a phase dimmer. High-voltage (AC) LED lamps by RIBAG met European EMC and Flicker regulations according to EN 6100. Additional references as well as an overview of compatibility with recommended dimmers can be found at [www.ribag.com/dim](http://www.ribag.com/dim).

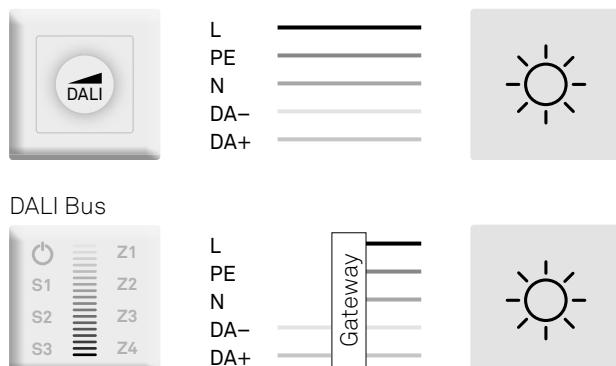
## Controlling RIBAG lamps

### Dimming in perfect lighting quality

Dimming lamps not only saves energy, it also creates the right ambience. RIBAG completely revised the range of DALI dimmable lamps and provides flicker-free dimming over the entire dimming range from 100% to 1% with forward-looking dimmer technology. Improved functionality in all DALI dimmable lamps ensures significantly less light modulation in the lower dimming range, which is no longer perceived by mobile cameras.

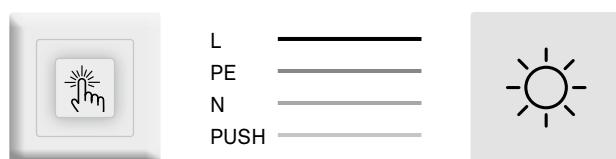
### DALI

DALI (Digital Addressable Lighting Interface) is the professional, non-proprietary interface standard for dimmable electronic control gear. They are controlled with a 5-wire building installation via DALI lighting control or a DALI system. Every DALI lamp/control gear is individually digital and, therefore, individually addressable and can belong to multiple control groups. DALI is usually the interface standard for integration into superordinate building automation systems.



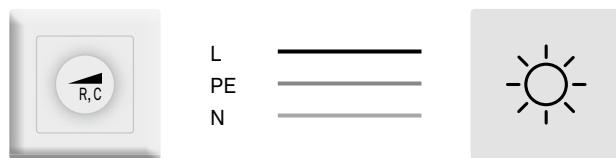
## TouchDIM

A commercial wall switch is enough to dim lamps/control gears with TouchDIM function using a 4-wire building installation. Lamps are turned on and off by pressing the button briefly; pressing and holding the button dims the lights. Depending on the manufacturer and the control gear, up to four lamps/control gears can be controlled using buttons, provided that the total cable length of all control sections does not exceed 25 metres.



## Forward/reverse phase control (TRIAC)

Many RIBAG LED lamps are now dimmable using the existing house installation with three wires. A traditional wall dimmer (button or rotary phase dimmer) is used to control them. Phase dimmers can also be used to dim our voltage LED lamps (AC). Note: The minimum load of the wall dimmer must be less than the power consumption of the lamps used.



## Bluetooth and additional dimming and control methods

Bluetooth and additional dimming and control methods as well as a comprehensive overview of compatibility with our lamps, control gears, and recommended dimmers can be found at [www.ribag.com/dim](http://www.ribag.com/dim).



## Cable lengths for lamps with external control gears

The maximum cable lengths between LED lamps and control gears can be taken from this table. In general: The higher the power, the larger the cable cross-section must be.

Maximum cable lengths between lamp(s) and control gear in relation to cable cross-section and power input:

	0,75 mm <sup>2</sup>	1,0 mm <sup>2</sup>	1,5 mm <sup>2</sup>
< 10 W	16 m	33 m	49 m
< 15 W	11 m	22 m	33 m
< 20 W	8 m	15 m	23 m
< 25 W	6 m	12 m	18 m

A maximum voltage drop of 1.0V across the cables is permitted, meaning that at least 23.0V must be present in the lamp. For EMC reasons, the cable between the dimmer and the LED lamp may not be longer than 10 m.

## Photometric tolerances

The lumen and wattage figures are design values and initially subject to a tolerance of +/- 10%. Tolerance of colour temperature +/- 150 K. Unless specified otherwise, the values apply to an ambient temperature of 25°C.

# Manufacturer's warranty

valid from 1.1.2018 until revocation

## 1. General

- 1.1. RIBAG Licht AG offers the following 5-year warranty to customers, in addition to the legal guarantee, for products that are manufactured and sold under the "RIBAG" brand, are free from manufacturing and material defects when used as intended.

## 2. Warranty cover

- 2.1. Valid for RIBAG products that have been purchased from 1.9.2012 onwards (Purchase receipt).
- 2.2. RIBAG guarantees that its products are free from any material, manufacturing and structural defects.
- 2.3. The state of science and technology at the time of manufacture is a decisive factor. The defect in the product that caused the damage must have already been evident at this time. Claims for consequential damages or resulting from product liability can only be made in accordance with the mandatory statutory provisions.
- 2.4. This warranty is only valid for 5 years starting from the original date of purchase (Purchase receipt), or, if previously reached, the useful life of LEDs according to our article specification. The warranty period will not be extended because services have been rendered in the context of this warranty, especially not for repairs or replacements. The warranty period will not be renewed in these cases.

## 3. Making a claim

According to this warranty, the customer is entitled to make a claim in writing and give a description of the defect, within the warranty period, to RIBAG or the retailer where the product was purchased. A further condition is that the customer shows the defect within 10 days after he has noticed it and/or must have noticed it. It is up to the customer to prove that the warranty has not expired (e.g. by providing the purchase receipt). Where appropriate, RIBAG is entitled to determine the start of the warranty period in accordance with the date of manufacture.

## 4. This warranty guarantees

- 4.1. RIBAG is free to decide whether to repair the product, exchange it or refund the purchase price. In the case of a repair, the warranty covers the free delivery of the necessary spare parts. Insofar as RIBAG gives their written consent to carry out the repair themselves, then RIBAG bears the resulting costs for spare parts, installation

and labour as well as any separate expenses for the transportation or delivery of the product. The customer has to provide the product so that the warranty services may be carried out. In the case of an exchange, the old product will be replaced with a new product of the same kind, quality and model. If the product in question has been discontinued at the time of the complaint, RIBAG is entitled to deliver a similar product. If RIBAG chooses to issue a refund of the purchase price and this decision is confirmed in writing. Then the customer will return the product and RIBAG will refund the purchase price. Components or products returned to RIBAG shall become the property under the terms of the warranty.

- 4.2. The customer shall bear all the ancillary costs that relate to the guarantee (e.g. for disassembly and reassembly, the shipping of the defective product, disposal, driving and travel times, installation aid devices). This warranty does not cover other costs, which are caused, for example, by the failure of the installation or other damages as well as consequential damages.

## 5. Conditions and exclusions

- 5.1. A condition for the validity of this warranty is the proper installation and maintenance of the product according to the instructions and codes of practice as well as the product and application specifications as predefined by RIBAG. The assembly instructions and the instructions for use and care are enclosed with the delivery of each product. They can also be found on the website [www.ribag.com](http://www.ribag.com).
- 5.2. The warranty does not cover:
  - Wear parts, such as discoloration and embrittlement of plastic parts due to attrition;
  - fragile parts, like for example, lighting fixtures, lamps, due to breakage;
  - consumables, like for example, lamps, due to use;
  - components and products that RIBAG distributes as merchandise, (e.g. emergency lighting units, lamps from other manufacturers);
  - minor deviations of RIBAG products from the target quality, which do not influence the practical value of the product in any way;
  - operational and handling errors, damages free due to aggressive environmental influences, chemicals and detergents;
- 5.3. The warranty is no longer valid in the following instances:
  - Failure to observe the instructions for assembly and care and the instruction manual provided or those available for reference on the website [www.ribag.com](http://www.ribag.com);
  - Exceeding the limit values for temperatures and voltages;
  - Installing and operating lamps that do not correspond to the IEC specifications;
  - Inappropriate mechanical loads;
  - Modification of the product from its original state by the customer;
  - Assembly, maintenance, repair or servicing by unqualified personnel;
  - Product damages caused by the vendor, installer or third parties;
  - Damages due to normal wear and tear or wilful damage (in the case of damages due to negligence, a contributory negligence will be charged by mutual agreement);
  - Improper installation or start-up;
  - inadequate or improper maintenance;
  - Products that have not been or are not being used in accordance with their intended purpose;

- Damages due to a force majeure or natural disaster.

#### **6. Cost apportionment in cases of exclusions from the warranty**

- 6.1. If a product defect is not covered by the warranty as described above, the costs incurred in sending and transporting the product will be borne by the customer. In addition, the customer has to bear the costs, including any labour costs, resulting from the examination of the products as well as the costs for dismantling and reinstalling the product. If the customer is informed by RIBAG that there are no grounds for a claim under warranty, then he must pay for the costs that result from the repair work he requested as well as the costs for the spare parts and labour.
- 6.2. If the defect is not perceptible on the product when it is delivered, then RIBAG has the discretion in each case to decide whether it should be eliminated as a gesture of goodwill. In this instance, the customer is not legally entitled to the removal of the defect.

#### **7. Legal rights**

The consumer has legal rights in addition to those under the warranty. These more favourable rights for the consumer under certain circumstances are not restricted by the warranty.

#### **8. Governing law and jurisdiction**

This warranty is subject to Swiss law with the exclusion of the Vienna Sales Convention. The place of performance for obligations arising from this warranty is Safenwil, Switzerland. As far as it is legally permissible, the place of jurisdiction is Safenwil, Switzerland.

# General Terms and Conditions

valid from 25 May 2018 until revocation

## 1. Contractual object

- 1.1. These General Terms and Conditions shall be the basis for all contracts for the supply of goods and services by RIBAG Licht AG, Kanalstrasse 18, CH-5745 Safenwil (hereafter referred to as "seller") to its customers (hereafter referred to as "buyer").
- 1.2. The Terms and Conditions shall be deemed to have been accepted by the act of ordering products from the range through the B2B online shop. These Terms and Conditions shall be accepted by the buyer with binding effect during each order at the end of the order process by clicking the box specifically intended for this purpose. Any terms and conditions with contrary effect shall only be accepted if they have been confirmed in advance by RIBAG Licht AG without exception in writing.

## 2. Offer and prices

- 2.1. Unless a validity period is expressly indicated, all offers of RIBAG Licht AG are subject to confirmation and the material concerned may be sold to another buyer during the intervening period.
- 2.2. RIBAG Licht AG reserves ownership and copyright over all diagrams, drafts and cost proposals. These documents shall be entrusted to the buyer personally and may not be made accessible to third parties or copied without the written approval of RIBAG Licht AG. They must be returned upon request.
- 2.3. Lighting designs that must be prepared upon request by interested parties may be charged to the buyer if no corresponding supply order is subsequently placed.
- 2.4. The terms and conditions of purchase of the buyer or any amendments to these Terms and Conditions or to any other agreements shall only be binding upon RIBAG Licht AG insofar as acknowledged by it in writing.
- 2.5. A contract shall be deemed to have been concluded upon the issue of a written order confirmation by RIBAG Licht AG or upon shipment to the buyer following receipt of an order. However, the issue of confirmation by RIBAG Licht AG concerning the receipt of an incoming order shall not have the effect of concluding a contract.
- 2.6. Prices are stated ex works RIBAG Licht AG and do not include value added tax. Unless specified otherwise, all product prices are stated in Swiss francs and exclude light sources, the costs of transportation

and packaging, insurance, taxes and duties (such as for example value added tax, ORDEA [Swiss Ordinance on the Return, Taking Back and Disposal of Electrical and Electronic Appliances] through the SLRS: Swiss Lighting Recycling Foundation, WEEE costs under the EU Waste Electrical and Electronic Equipment Directive within the EU or customs duties), assembly, installation, startup and other ancillary costs. Such costs shall be borne by the buyer and shall be charged in addition by the seller or by the competent authorities.

## 3. Orders

- 3.1. Following the conclusion of a contract the order may only be amended by the buyer with the approval of RIBAG Licht AG, which shall be conditional upon indemnification for any additional costs. Special orders may not be amended or cancelled.
- 3.2. Goods that have been ordered on a make-and-hold basis must be purchased by the buyer within the call-off period specified. If this period is exceeded, the goods may be invoiced.

## 4. Payment terms

- 4.1. The following payment options are offered:
  - Invoice
  - Invoices shall be sent electronically by email (e-invoice) or upon request as hard copies by post.
  - Direct debit scheme (DDS)
  - Payment in advanceAfter the order has been successfully placed the contractual partner will be sent an invoice by email for payment in advance. For technical reasons, the items will only be dispatched after the amount has been credited to our account. Under certain circumstances this may take some time. If the contractual partner requires the order as a matter of urgency and has paid in advance, contact must be established with info@ribag.com (sending the payment confirmation) in order to ensure that shipment can be expedited as much as possible.
- 4.2. Invoices shall be payable within 30 days without any deduction. Any other payment terms must be agreed upon in writing.

## 5. Delivery periods

- 5.1. Delivery periods are indicated separately for each product in the order confirmation. These delivery periods are non-binding and are indicated to the best of our knowledge. Any claims

to damages on account of an overshoot of the delivery period cannot be accepted by the buyer.

## 6. Shipment, packaging and inspection of the goods

- 6.1. RIBAG Licht AG shall decide on the method of shipment. It shall be entitled to ship the goods in partial deliveries. All deliveries shall be made carriage paid to the destination address, i.e. to the warehouse of the buyer or any other address specified in advance. Deliveries shall be made at ground level or on a ramp. The buyer shall make available at its own cost the persons required for unloading. The method of delivery is dependent upon weight and delivery may be effected by different carriers.
- 6.2. The buyer must inspect the goods delivered promptly. A signature by an employee of the buyer shall be regarded as confirmation that the shipment has been delivered in full and is free from any evident damage. Goods shall be shipped at the risk of the buyer. The risk is therefore transferred to the buyer as soon as RIBAG Licht AG has handed over the goods to the shipping company.
- 6.3. Delivery shortfalls, incorrect deliveries or defects may only be objected to in writing within 8 days of receipt of the delivery. Damage caused during transit and physical damage to the goods delivered must be reported promptly to RIBAG Licht AG. It will not be possible to deal with damage that is reported too late. Packaging must be retained for inspection. Damage caused during transit for "ex works" deliveries must be reported directly to the carrier.
- 6.4. The disposal of packaging material shall be a matter for the buyer. If the Purchaser has his place of business in a country in which special legal provisions on packaging material exist (e.g. Germany: Packaging Law), it is the Purchaser's responsibility to comply with the applicable legal provisions within the scope of disposal and to join the systems (Germany: Dual System) for the disposal of packaging material delivered by RIBAG Licht AG at his own expense.
- 6.5. In the event that the seller (including any essential suppliers of the seller that are difficult to replace) is affected by unforeseeable events or circumstances that are beyond the control of the parties, such as for example any force majeure occurrence that renders compliance with the

- agreed delivery deadline impossible, the deadline shall be extended by the duration of such circumstances; this shall apply in particular in situations involving armed conflict, executive action and prohibitions, delays in transportation and customs clearance, damage caused during transit, shortages of energy and raw materials, industrial disputes and non-delivery by an essential supplier of the seller that is difficult to replace.
- 6.6. Any official or third party licences that are necessary for the completion of facilities shall be procured by the buyer.
- 7. Transfer of risk and place of performance**
- 7.1. The place of performance for the delivery of goods shall always be the factory or warehouse of RIBAG Licht AG. The use and risk shall pass to the buyer with the segregation or departure of the delivery ex works or ex warehouse, irrespective of the pricing agreed for the delivery (such as postage paid, CIF, etc.). This shall also apply if the delivery is made as part of an assembly or if the transport is carried out or organised by RIBAG Licht AG.
- 7.2. In the event of loss or damage during transportation, it shall be for the buyer to raise a claim with the carrier, and it is recommended that the buyer ensure that the relevant facts are officially recorded immediately.
- 7.3. The place of performance for contract work and services shall be the location at which the service is carried out, or in the event of doubt the factory of RIBAG Licht AG. Risk pertaining to performance or partial performance shall transfer to the buyer at the time it is rendered.
- 8. Dispatch of samples**
- 8.1. Lamps may be made available for lighting trials on an exceptional basis for a maximum of 60 days. Any material that is not returned within this period shall be invoiced. Any lamps that have been altered by the buyer or damaged shall be invoiced under all circumstances.
- 9. Return shipments**
- 9.1. Only products from the catalogue in their original packaging will be accepted. Any material that has been damaged will not be credited. Any reinstatement work shall be charged for at cost. Any missing parts such as fluorescent tubes, fixing material, original packaging etc. shall be charged for.
- 9.2. Goods that were sold more than 6 months previously (invoice of RIBAG Licht AG) may no longer be taken back.
- 9.3. Special orders, modified standard models (colour or finish) and light fixtures will not be taken back.
- 9.4. If any return shipment is incorrectly made at the cost of RIBAG Licht AG, RIBAG Licht AG may invoice the costs of such a return shipment to the buyer or add them to the purchase price in the event that a further order is placed.
- 10. Guarantee and warranty**
- 10.1. RIBAG Licht AG provides a five-year manufacturer guarantee to the buyer for products produced and marketed under the RIBAG brand in respect of products acquired after 1 September 2012. The guarantee period starts from the date of purchase. Otherwise, the warranty period for new goods shall extend for a maximum of 12 months following delivery. It shall commence upon the transfer of benefit and risk.
- 10.2. RIBAG Licht AG warrants exclusively that the goods delivered by it are free from production defects and/or faulty material. Electronic consumable parts and used goods are excluded from any warranty. The assured characteristics shall be exclusively those expressly designated as such in product information. Any assurance shall apply until at the latest the expiry of the guarantee period.
- 10.3. If goods are produced by the seller on the basis of design details, diagrams, models or other specifications of the buyer, the seller's warranty shall be limited to a duty of diligent execution.
- 10.4. In the event that proof is furnished by the buyer of a production defect and/or faulty material, RIBAG Licht AG may at its choosing either provide a replacement free of charge or rectify the defect.
- 10.5. All ancillary costs arising in relation to the rectification of the defect (such as e.g. installation and dismantling, transportation, disposal, travel costs and travelling time, lifting devices or scaffolding) shall be borne by the buyer.
- 10.6. Invoices for maintenance work carried out by the buyer or by a third party shall only be accepted if the seller has been given advance written notice of these costs and the seller has confirmed in writing that it will cover the costs. Otherwise, the warranty shall lapse immediately in the event that the buyer or a third party makes any changes or carries out any repair work without the written approval of the seller.
- 10.7. The buyer must object promptly to any defects affecting the goods delivered. The buyer must be able to furnish proof of the defect objected to. The decision concerning the form of rectification of the defect shall be made exclusively by RIBAG Licht AG. RIBAG Licht AG may replace the defective product by new fault-free goods (supply of a replacement). There shall be no right to rescission or to reduce the price in the event that it is possible to supply a replacement or if repeated rectification or exchange is unsuccessful due to reasons beyond the control of RIBAG Licht AG.
- 10.8. In addition, rights under guarantee may only be exercised if the defective product is packaged and returned to the following address:  
RIBAG Licht AG  
Kanalstrasse 18  
5745 Safenwil  
Switzerland  
All other countries outside Switzerland and Liechtenstein:  
RIBAG Licht AG  
c/o Badenlogistik Rheinfelden GmbH  
Bahnhofstrasse 102  
DE-79618 Rheinfelden  
Germany
- 10.9. No guarantee or warranty shall be provided in the event that improper changes have been made to the products or if damage results from incorrect handling or mechanical damage. Consumable parts shall not be included under the guarantee and shall not be covered by a reduced guarantee period.
- 11. Reservation of title**
- 11.1. The goods supplied shall remain the property of RIBAG Licht AG until they have been paid for in full. It shall be entitled to make an entry to that effect at any time (including retrospectively) in the Swiss Registry of Retention of Title. The buyer hereby states its consent to the entry in the Swiss Registry of Retention of Title at its place of business. In the same way, the purchaser undertakes to immediately notify RIBAG Licht AG's retention of title to third parties in the event of enforcement proceedings.
- 11.2. Until this time, the goods supplied shall be safely stored by the buyer in a resellable condition. The buyer shall

inform RIBAG Licht AG promptly in writing of any third party interference, including in particular measures of enforcement and any other circumstances that adversely affect the products. The buyer shall compensate RIBAG Licht AG for all losses and costs arising as a result of a breach of these obligations or from the failure to take any requisite action.

## 12. Liability

- 12.1. Liability shall be determined in accordance with applicable statutory provisions. There shall be no entitlement to claim damages on the grounds that performance is impossible, due to breach of contract, owing to culpa in contrahendo or under tort, save in the event of wilful conduct or gross negligence on the part of RIBAG Licht AG. No liability shall be accepted for any infringement of third party industrial property rights, except in relation to wilful or grossly negligent action on the part of RIBAG Licht AG.
- 12.2. RIBAG Licht AG constantly updates all product information. The aim is to present all goods and services offered to buyers in a clear and up-to-date manner. However, RIBAG Licht AG does not accept any liability for typos and provides no warranty that the product information provided is up-to-date, accurate or comprehensive. Thus, all information is provided without any guarantee and may not be construed as a binding commitment.
- 12.3. In addition, RIBAG Licht AG reserves the right to make changes or additions without notice and at any time to the webpages provided or to update content, product descriptions or prices.
- 12.4. Lighting systems shall be regularly maintained (maintenance plan) in order to maintain any rights under warranty. The specific maintenance requirements shall be determined with reference to the lighting system, the lamp, the light source and the operating devices used. No compensation shall be owed in the event of non-compliance with any requirements applicable to assembly, startup and usage (such as e.g. maintenance plans contained in operating instructions etc.) or in the event of non-compliance with statutory or official requirements/regulations applicable to assembly, startup and usage.

## 13. Side agreements

- 13.1. Any agreements other than these Terms and Conditions of Supply or

any side agreements shall only be applicable if agreed to in writing.

## 14. Place of performance and jurisdiction

- 14.1. The exclusive place of performance for the buyer and for RIBAG Licht AG shall be Safenwil (Switzerland), including in the event that delivery has been agreed to carriage paid, CIF, FOB or according to any comparable arrangements.
- 14.2. The place of jurisdiction shall be Safenwil (Switzerland). RIBAG Licht AG reserves the right to take action against the buyer at its choosing also at the place of business of the latter or before any other competent court.

product documentation along with execution documentation such as e.g. plans, sketches and other technical documentation along with samples, catalogues, prospectuses, illustrations and the like shall remain under all circumstances with RIBAG Licht AG and shall be subject to the relevant statutory provisions with regard to reproduction, imitation, competition etc. The documentation may be requested for surrender at any time by RIBAG Licht AG and shall be handed over to it by the buyer unsolicited in the event that an order is placed elsewhere.

## 15. Applicable law

- 15.1. The legal relationship with RIBAG Licht AG shall be governed by Swiss law. The United Nations Convention on Contracts of International Sale of Goods (CISG) shall not apply.
- 15.2. Unless specifically indicated otherwise in the General Terms, the provisions of the Swiss Code of Obligations or of data protection law shall apply. Should any individual terms be or become invalid, this shall have no effect on the remaining terms.
- 15.3. In the event that any individual terms of this Contract should be invalid, this shall not affect the remaining terms. The invalid term shall be replaced by a valid term that comes as close as possible to the intended purpose. In the event of any inconsistency with tender specifications, these Terms and Conditions of Supply shall prevail.

## 16. Intellectual property rights

- 16.1. RIBAG Licht AG reserves all rights over all designs, text and graphics on its B2B online shop, including in particular rights of ownership and copyright. In particular, the usage of visual, design and information material is not permitted without the approval of RIBAG Licht AG. All images are solely owned by RIBAG Licht AG.
- 16.2. If goods are prepared by RIBAG Licht AG on the basis of design details, diagrams, models or other specifications of the buyer, the buyer shall hold fully harmless and indemnify RIBAG Licht AG in respect of any infringement of industrial property rights and upon request by RIBAG Licht AG join any relevant proceedings at its own cost as a party or an intervenor and conduct the trial on behalf of RIBAG Licht AG.
- 16.3. All copyright relating to offer and

# Caption

## Safety-related classification of lamps

### Types of protection

1st reference number	2nd reference number
Protection against foreign objects and contact	Protection against water
0 not protected	0 not protected
1 protected against solid foreign objects > 50 mm	1 protected against dripping water
2 protected against solid foreign objects > 12 mm	2 protected against dripping water under 15°
3 protected against solid foreign objects > 2,5 mm	3 protected against sprays of water
4 protected against solid foreign objects > 1 mm	4 protected against splashes of water
5 protected against dust	5 protected against jets of water
6 sealed against dust	6 protected against powerful jets of water
	7 protected against temporary dipping
	8 protected against permanent immersion ... m

### Protection classes

	<b>Protection class I</b> Connection of metal parts that can be touched, to the protective earth.
	<b>Protection class II</b> Live parts are fitted with an additional protective insulation. The protective earth must not be connected.
	<b>Protection class III</b> Lamps are run off an extra-low voltage that is safe for the people (> 42 Volt).



When specifying the service life of the LED, L80 B10 means that according to the specification in hours (e.g. 100,000 h) at 10% of the LED's a decrease in luminous flux to 80% is to be expected.



Lighting that is measured, tested and certified according to the MINERGIE® guidelines.



All the measurements are listed in mm.



Lumen and Watt information is stated in accordance with the LED lamp manufacturers (excl. control unit consumption). All the technical lighting data for our products are listed on our website [www.ribag.com](http://www.ribag.com).



Since 1st January 2015, energy labels for lamps have been compulsory in every member state of the EU. This requirement also applies to the retail trade (including online) to end users. These labels can be called up and printed directly from our website, [www.ribag.com](http://www.ribag.com).

**Headquarter**

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[ribag.com](http://ribag.com)



@ribaglight



ribaglight

© RIBAG Licht AG  
Lighting Collection 2019 D/E  
December 2018  
Subject to modifications



# cultivated

[ribag.com](http://ribag.com)