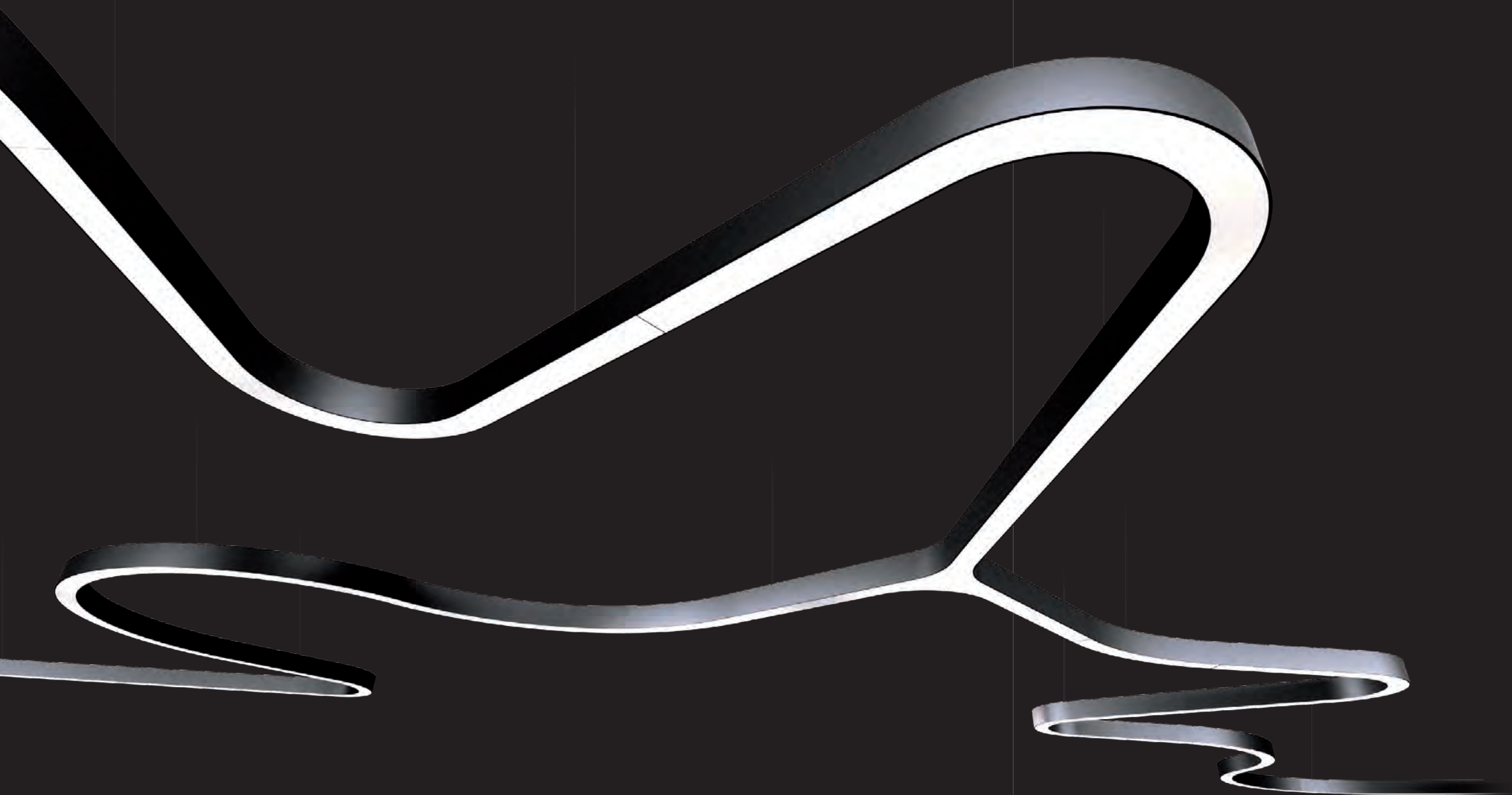


Snake

modular system



Nieskończone możliwości.

Nieregularne i opływowe linie zachęcają do spojrzenia w górę i podążania za nimi. Użyj różnych kształtów, kolorów i kilku krzywych okręgu, połącz je ze sobą i stwórz coś jedyne w swoim rodzaju.

Endless possibilities.

Irregular and streamlined lines will encourage you to look up and follow them. Use different shapes, colors and a several curves of the circle, connect them together and create something one of a kind.

Unendliche Möglichkeiten.

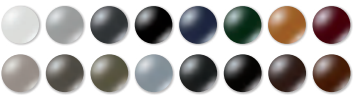
Unregelmäßige und gestraffte Linien werden Sie ermutigen, nach oben zu schauen und ihnen zu folgen. Verwenden Sie verschiedene Formen, Farben und mehrere Kurven des Kreises, verbinden Sie sie miteinander und schaffen Sie etwas Einzigartiges.







Colours:



Cechy | Features | Eigenschaften



Montaż: nabudowany, zwieszany. **Źródło światła:** PCB LED, 3000 K / 4000 K, CRI > 80, MacAdam ≤ 3, 50000 h L80 B10. **Moc oprawy:** wersja high efficiency (HE) 15.3 W/m, wersja high output (HO) 30.5 W/m, oświetlenie punktowe 2.2 W/szt. (moduły CHILI), 4.7 W/szt. (moduły DART). **Strumień oprawy:** wersja high efficiency (HE) do 1758 lm/m, wersja high output (HO) do 3263 lm/m (dla dyfuzora mikrokrystalicznego), oświetlenie punktowe do 200 lm/szt. (moduły CHILI) lub do 435 lm/szt. (moduły DART). **Dyfuzory dla oświetlenia liniowego:** satynowy, mikrokrystaliczny, mikropryzmatyczny. **Optyka oświetlenia punktowego:** system by Bartenbach LFO 30°, 60° (moduły CHILI), 30°, 40° (moduły DART). **Rozsył światła:** bezpośredni (oświetlenie liniowe i punktowe), bezpośredni / pośredni (moduły oświetlenia liniowego). **Obudowa:** wytłaczany profil aluminiowy malowany proszkowo. **Sterowanie:** ON/OFF lub DALI.

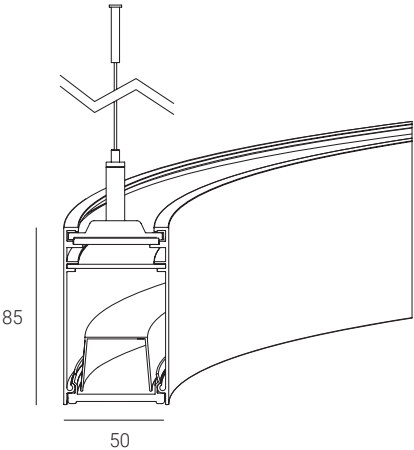
Installation: Ceiling mounted, Suspended. **Light source:** LED PCB, 3000 K / 4000 K, CRI > 80, MacAdam ≤ 3, 50 000 h L80 B10. **Luminaire power:** high efficiency (HE) version 15.3 W/m, high output (HO) version 30.5 W/m, spots 2.2 W/pc (CHILI modules), 4.7 W/pc (DART modules). **Luminaire flux:** high efficiency (HE) version up to 1758 lm/m, high output (HO) version up to 3263 lm/m (for microcrystal diffuser), spots up to 200 lm/pc (CHILI modules) or up to 435 lm/pc (DART modules). **Diffuser for linear lighting:** satin, microcrystal, microprism. **Optic for spots:** system by Bartenbach LFO 30°, 60° (CHILI modules), 30°, 40° (DART modules). **Light distribution:** Direct (linear lighting and spots), Direct/Indirect (only linear lighting). **Body:** extruded aluminium profile, powder coated. **Control:** ON-OFF or DALI.

Installation: Deckenmontage, abgependelt. **Lichtquelle:** LED PCB, 3000 K / 4000 K, CRI > 80, MacAdam ≤ 3, 50 000 h L80 B10. **Leuchtenleistung:** hohe Effizienz (HE) Version 15.3 W/m, hohe Leistung (HO) Version 30.5 W/m, Spots 2.2 W/pc (CHILI Module), 4.7 W/pc (DART Module). **Lichtstrom:** Version mit hoher Effizienz (HE) bis zu 1758 lm/m, Version mit hoher Leistung (HO) bis zu 3263 lm/m (für mikrokrystall Diffusor), Spots bis zu 200 lm/pc (CHILI-Module) oder bis zu 435 lm/pc (DART-Module). **Diffusor für lineare Beleuchtung:** satiniert, Microcrystale, Mikroprisma. **Optik für Spots:** System von Bartenbach LFO 30°, 60° (CHILI-Module), 30°, 40° (DART-Module). **Lichtverteilung:** Direkt (lineare Beleuchtung und Spots), Direkt/Indirekt (nur lineare Beleuchtung). **Gehäuse:** Aluminium-Strangpressprofil, pulverbeschichtet. **Steuerung:** EIN-AUS oder DALI.



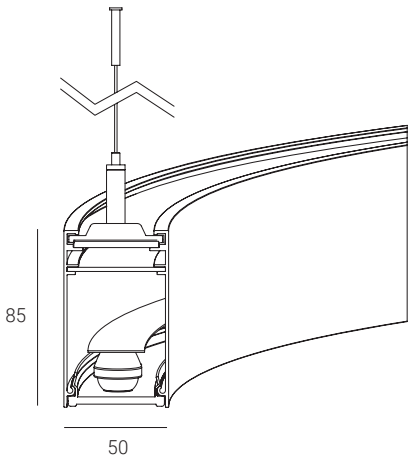
Snake Line

Nabudowany / Ceiling build-on / Deckenbefestigung
Zwieszany / Suspended / Abgehängt



Snake Chili

Nabudowany / Ceiling build-on / Deckenbefestigung
Zwieszany / Suspended / Abgehängt



Kolory

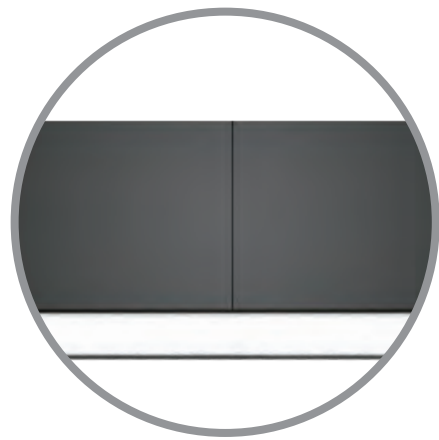
Colors
Farben



Inne kolory dostępne na zamówienie.
Other colors available on demand.
Andere Farben sind auf Anfrage erhältlich.







Łączenie profili w sposób eliminujący świecenie przez szczeliny.

Connection of profiles in a way that eliminates the risk of glowing through the gaps.

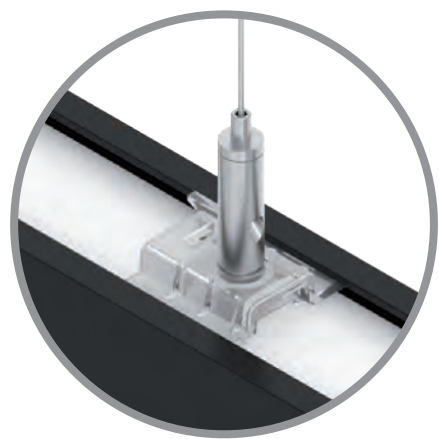
Die Profile sind in einer Weise verbunden, |die das Risiko des Leuchtens durch die Lücken ausschließt.



Dyfuzory ze złączem cover eliminują szczeliny na ich łączeniu.

Diffusers with overlapping joints eliminate gaps at their connection point.

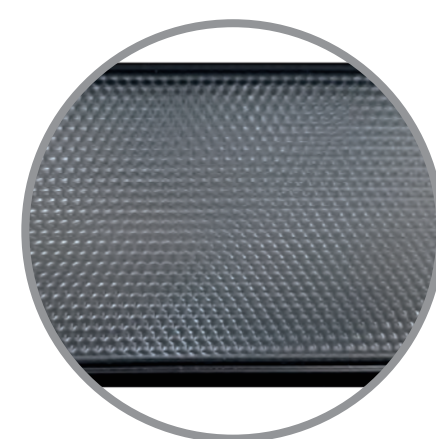
Diffusore mit überlappenden Verbindungen eliminieren Spalten an ihrem Anschlusspunkt.



Mikropozycjoner – za jego pomocą możemy dowolnie regulować wysokość zawieszenia oprawy z dokładnością do 1 mm. Możliwość zmiany położenia mikropozycjonera.

Micropositioner - with it you can freely adjust the height of the luminaire suspension with an accuracy of 1 mm. It is possible to change the position of the micropositioner.

Mikropositionierer - mit ihm können Sie die Höhe der Leuchtaufhängung frei einstellen mit einer Genauigkeit von 1 mm. Möglichkeit, die Position des Mikropositionierers zu verändern.



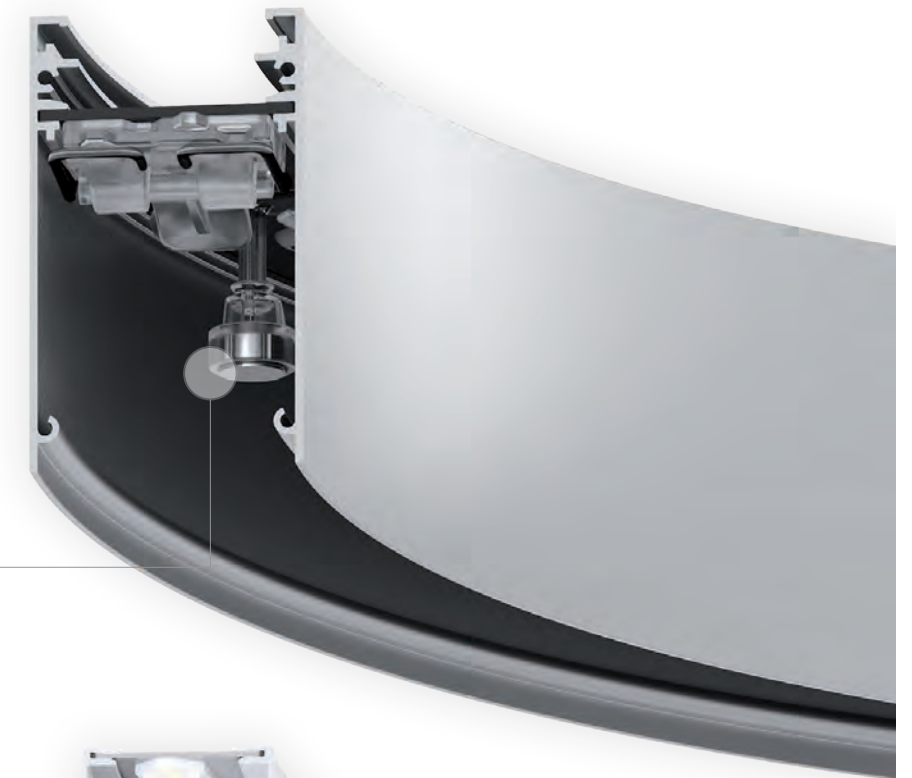
Dyfuzor mikropryzmatyczny o strukturze heksagonalnej zapewniający ochronę antyolśnieniową z wielu kierunków obserwacji.

Microprismatic diffuser with hexagonal structure providing anti-glare protection from multiple viewing directions.

Mikroprismenabdeckung mit sechseckiger Struktur für Blendschutz aus mehreren Blickrichtungen.

Snake Linear

modular system



Magnetic holder

Magnetic holder holding down the radiator and other accessories together



LED module

LED module on an aluminum base designed specifically by ILUM.



Reflector

White reflector made of high reflective PC profile to increase the efficiency of the luminaire.

Dark microcrystal diffuser

Dark microcrystal diffuser with hexagonal structure providing anti-glare protection from multiple viewing directions.



Wysłony - łączenie profili w sposób eliminujący świecenie przez szczeliny.

Black screens - connection of profiles in a way eliminating lighting gaps.

Blenden - Profile so verbinden, dass kein Licht durch Lücken scheint.

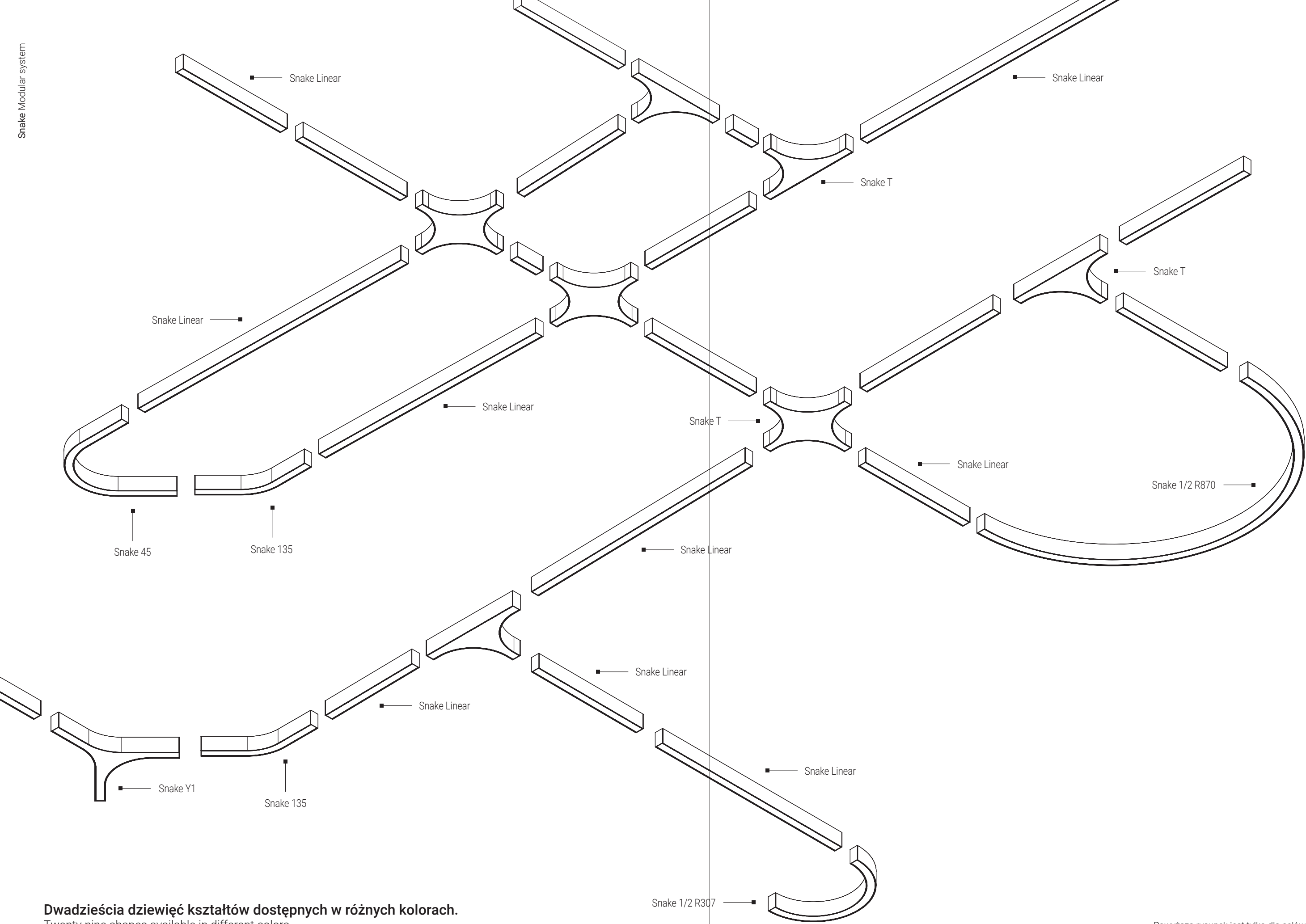


Zapięcie mechaniczne pozwalające na beznarzędziowe łączenie modułów systemu.

Mechanical lock allowing to connect the system modules without any tools.

Mechanisches Verbindungselement, das eine werkzeuglose Verbindung von Systemmodulen ermöglicht.





Dwadzieścia dziewięć kształtów dostępnych w różnych kolorach.

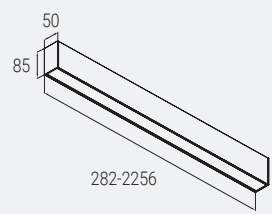
Twenty nine shapes available in different colors.
Neunundzwanzig Formen in verschiedenen Farben erhältlich.

Powyższa rysunek jest tylko dla celów poglądowych.
The figure above is for illustrative purposes only.
Die obige Abbildung dient nur zur Veranschaulichung

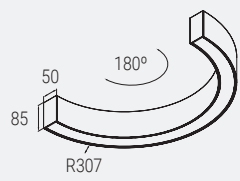




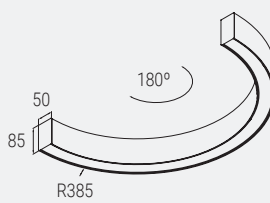
Snake Linear



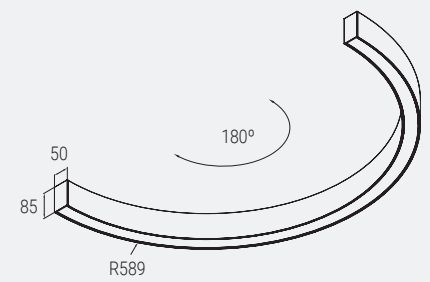
Snake 1/2
R 307



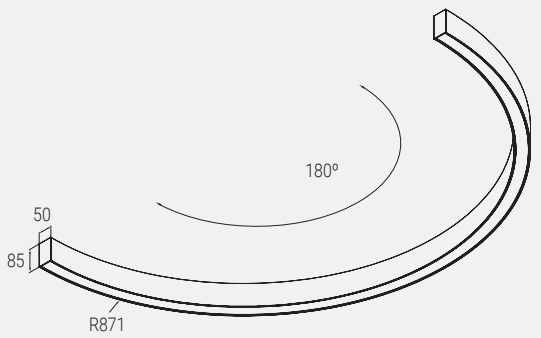
Snake 1/2
R 385



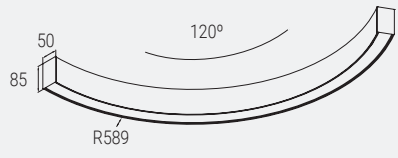
Snake 1/2
R 589



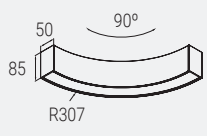
Snake 1/2
R 871



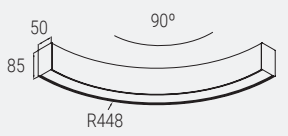
Snake 1/3
R 589



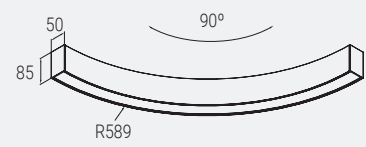
Snake 1/4
R 307



Snake 1/4
R 448



Snake 1/4
R 589



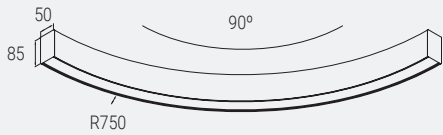
Dwadzieścia dziewięć kształtów
Twenty nine shapes
Neunundzwanzig Formen



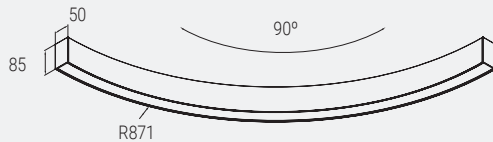
Snake Linear

modular system

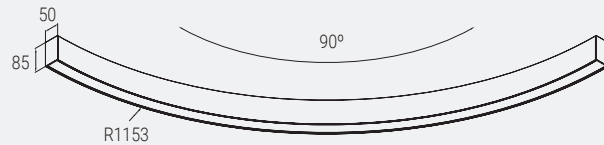
Snake 1/4
R 750



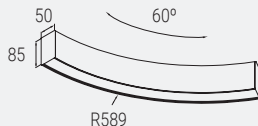
Snake 1/4
R 871



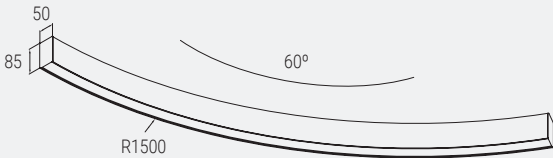
Snake 1/4
R 1153



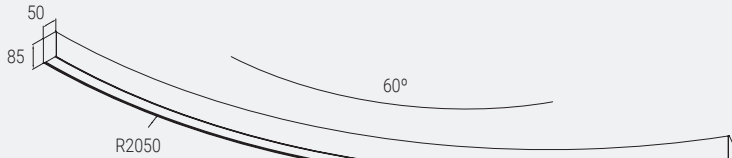
Snake 1/6
R 589



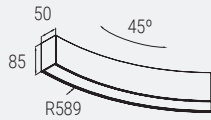
Snake 1/6
R 1500



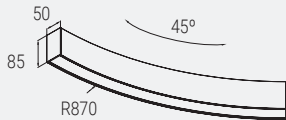
Snake 1/6
R 2050



Snake 1/8
R 589



Snake 1/8
R 870



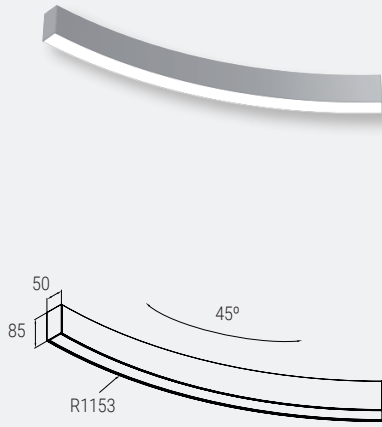
Dwadzieścia dziewięć kształtów
Twenty nine shapes
Neunundzwanzig Formen



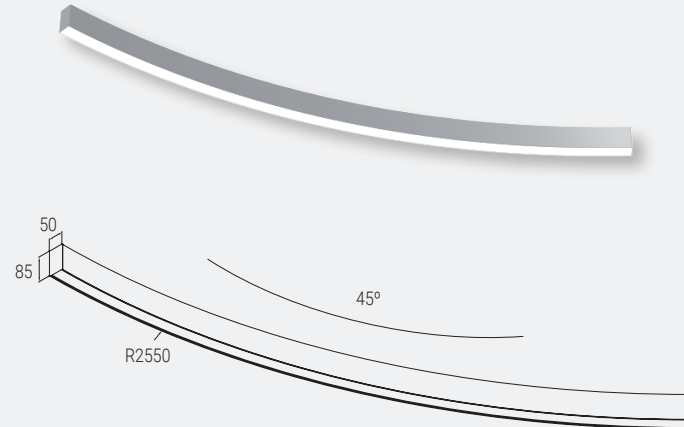
Snake Linear

modular system

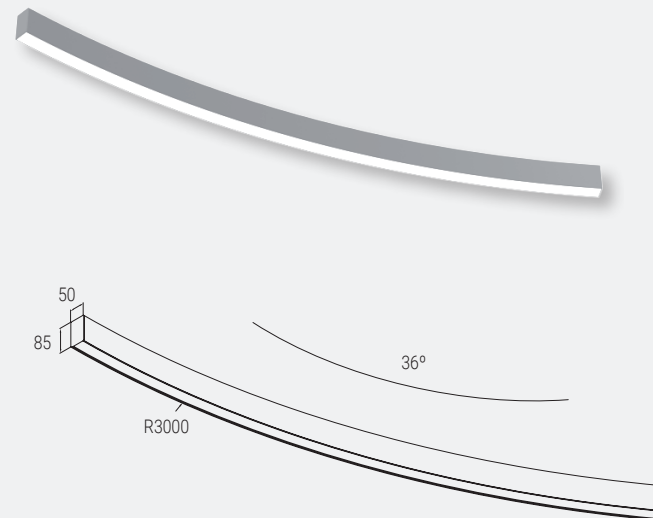
Snake 1/8
R 1153



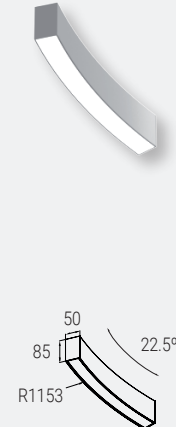
Snake 1/8
R 2550



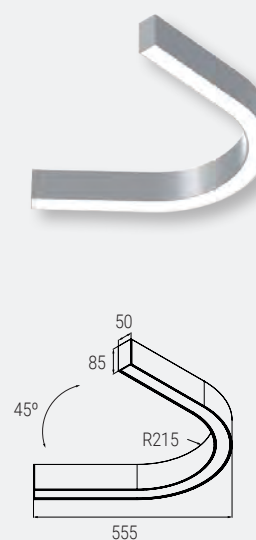
Snake 1/10
R 3000



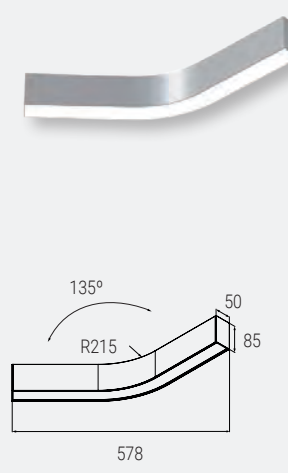
Snake 1/16
R 1153



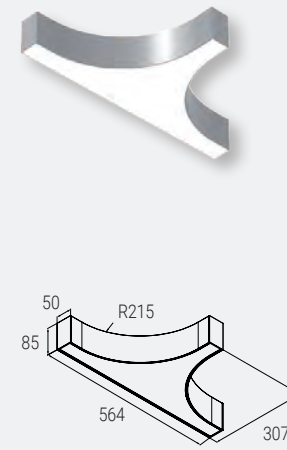
Snake 45



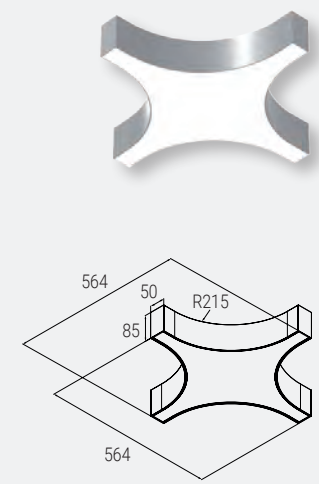
Snake 135



Snake T



Snake X1



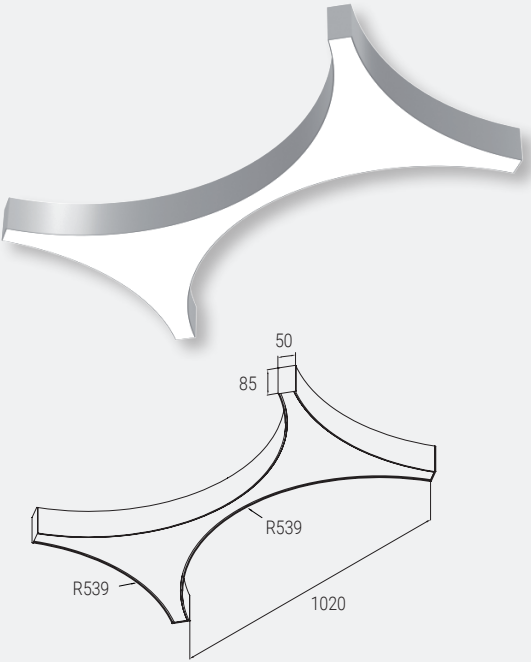
Dwadzieścia dziewięć kształtów
Twenty nine shapes
Neunundzwanzig Formen



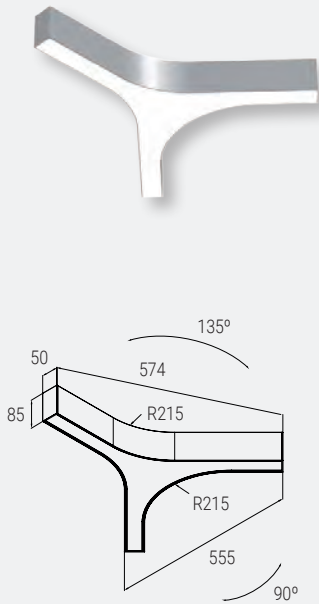
Snake Linear

modular system

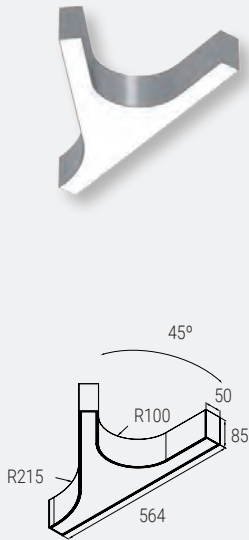
Snake X2



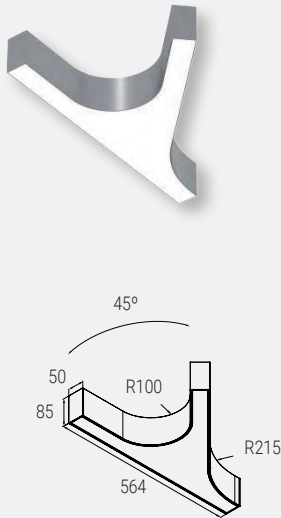
Snake Y1



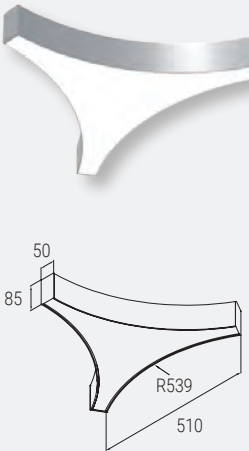
Snake Y2L



Snake Y2R



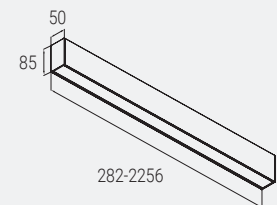
Snake Y3



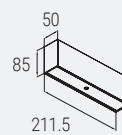
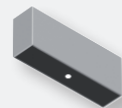
Dwadzieścia dziewięć kształtów
Twenty nine shapes
Neunundzwanzig Formen



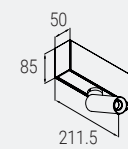
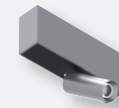
Snake MI



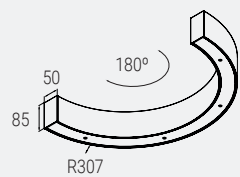
Snake
BB-Chilli



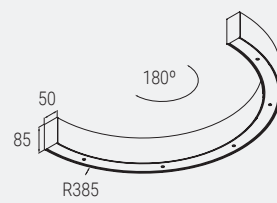
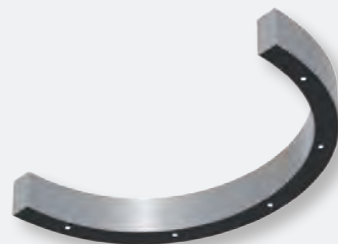
Snake
BB - Dart



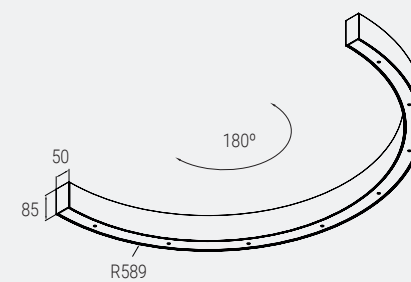
Snake 1/2
R 307



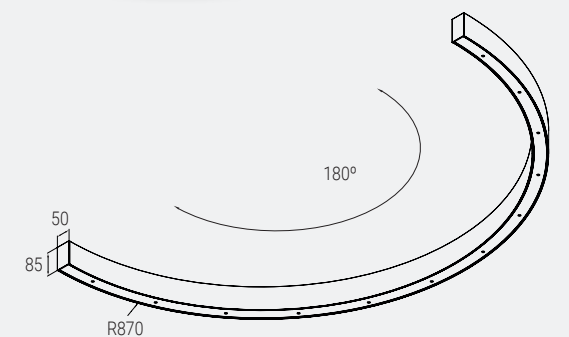
Snake 1/2
R 385



Snake 1/2
R 589



Snake 1/2
R 871

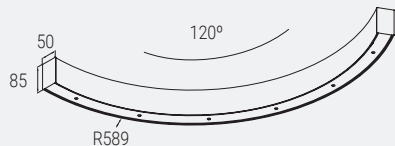


Dwadzieścia dziewięć kształtów
Twenty nine shapes
Neunundzwanzig Formen

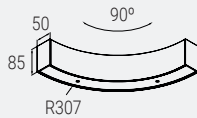
Snake BB-Chili

modular system

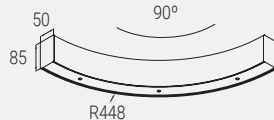
Snake 1/3
R 589



Snake 1/4
R 307



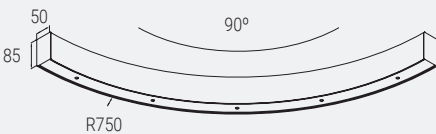
Snake 1/4
R 448



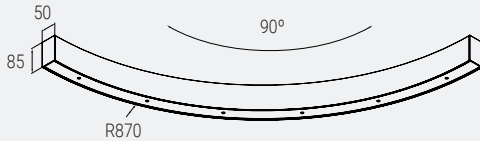
Snake 1/4
R 589



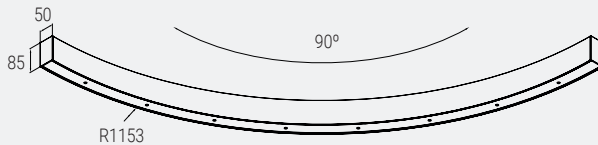
Snake 1/4
R 750



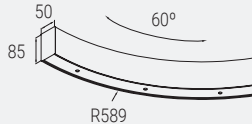
Snake 1/4
R 871



Snake 1/4
R 1153



Snake 1/6
R 589



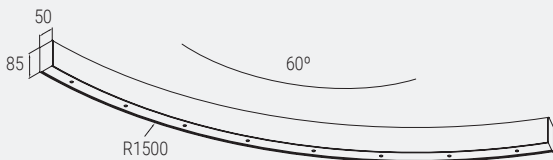
Dwadzieścia dziewięć kształtów
Twenty nine shapes
Neunundzwanzig Formen



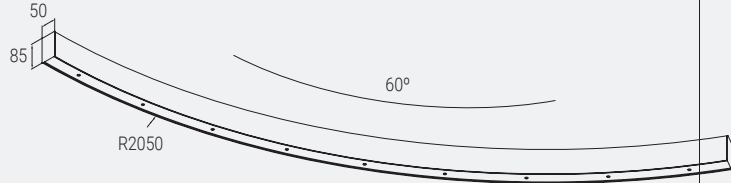
Snake BB-Chili

modular system

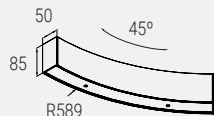
Snake 1/6
R 1500



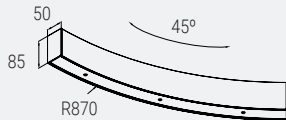
Snake 1/6
R 2050



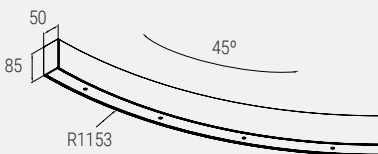
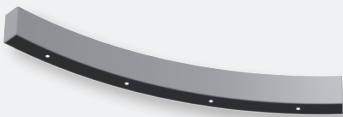
Snake 1/8
R 589



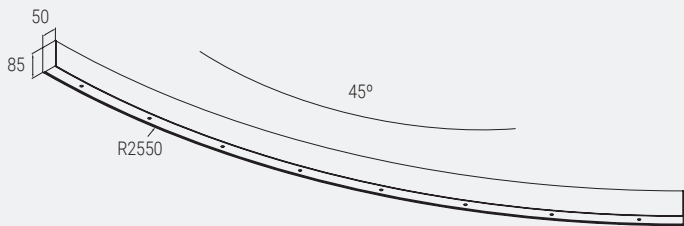
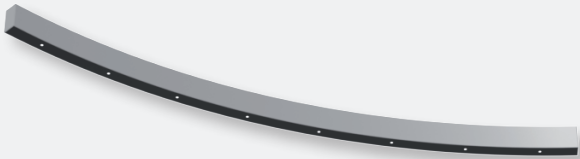
Snake 1/8
R 870



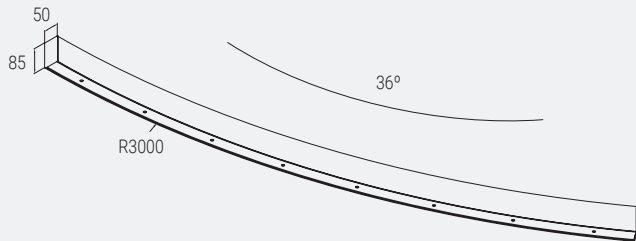
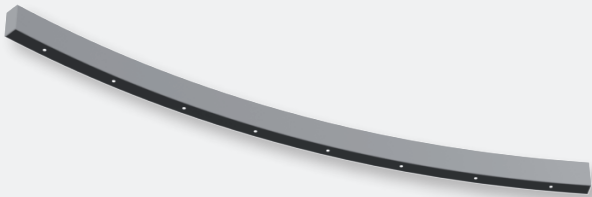
Snake 1/8
R 1153



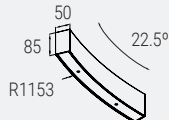
Snake 1/8
R 2550



Snake 1/10
R 3000



Snake 1/16
R 1153



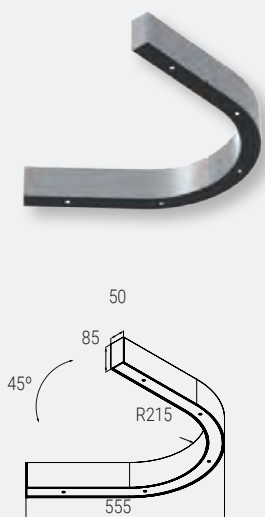
Dwadzieścia dziewięć kształtów
Twenty nine shapes
Neunundzwanzig Formen



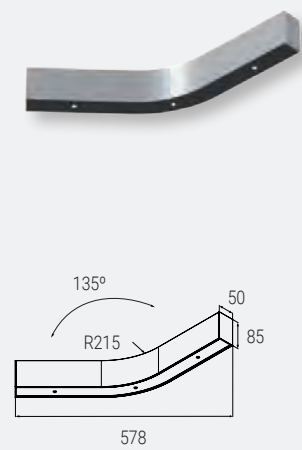
Snake BB-Chili

modular system

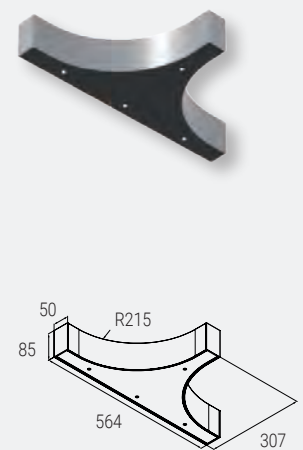
Snake 45



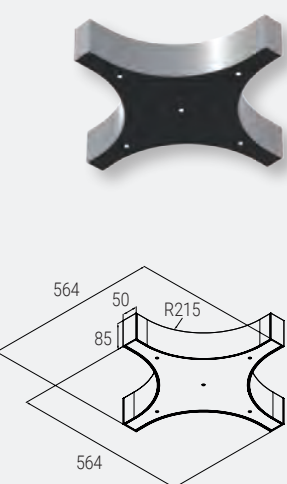
Snake 135



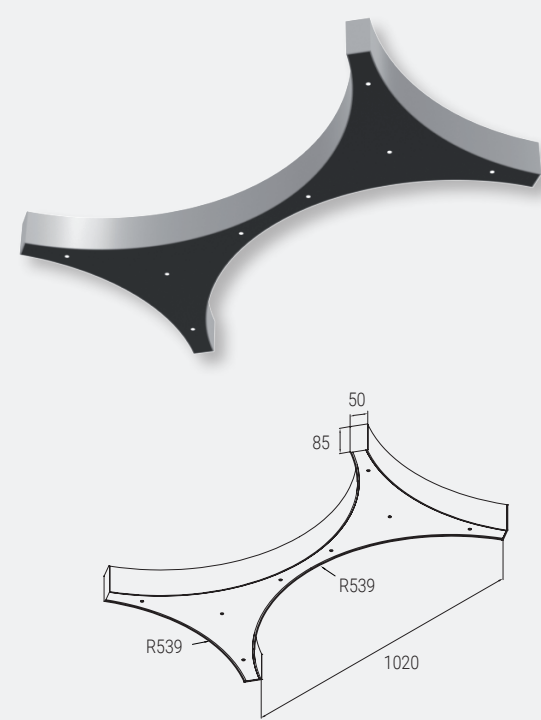
Snake T



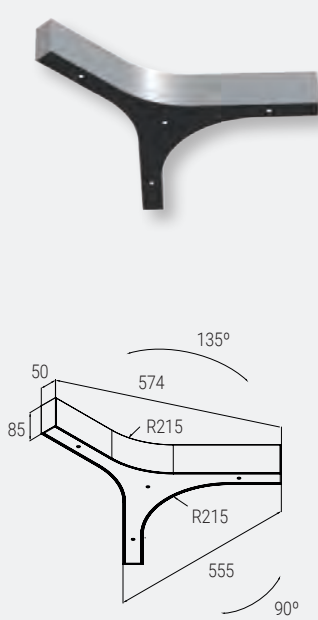
Snake X1



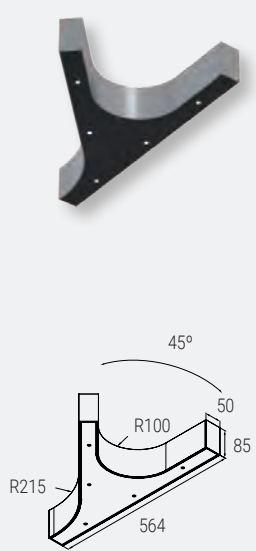
Snake X2



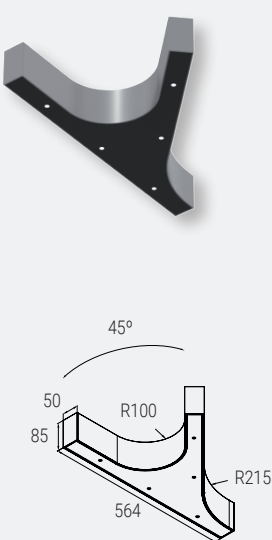
Snake Y1



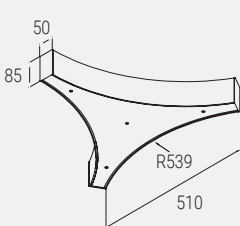
Snake Y2L



Snake Y2R



Snake Y3



Dwadzieścia dziewięć kształtów
Twenty nine shapes
Neunundzwanzig Formen



Light Planner

Configurator Snake system

Projektowanie jeszcze nie było tak proste!

Light Planner przekształca nawet najbardziej złożone projekty na łatwy język graficzny. Buduj konfiguracje, przeciągając przygotowane elementy z biblioteki. Wybierz długość, dodaj wybrane moduły, określ kolorystykę, ustaw ilość światła czy kąty rozsyłu.

Wycena zaprojektowanego systemu jest tworzona automatycznie, a zamówienie wysyłane jest jednym kliknięciem. Light Planner umożliwia eksportowanie rysunków do plików Autocad i profesjonalnych programów do projektowania oświetlenia. Umożliwia także tworzenie własnej biblioteki projektów.

Designing has never been so easy!

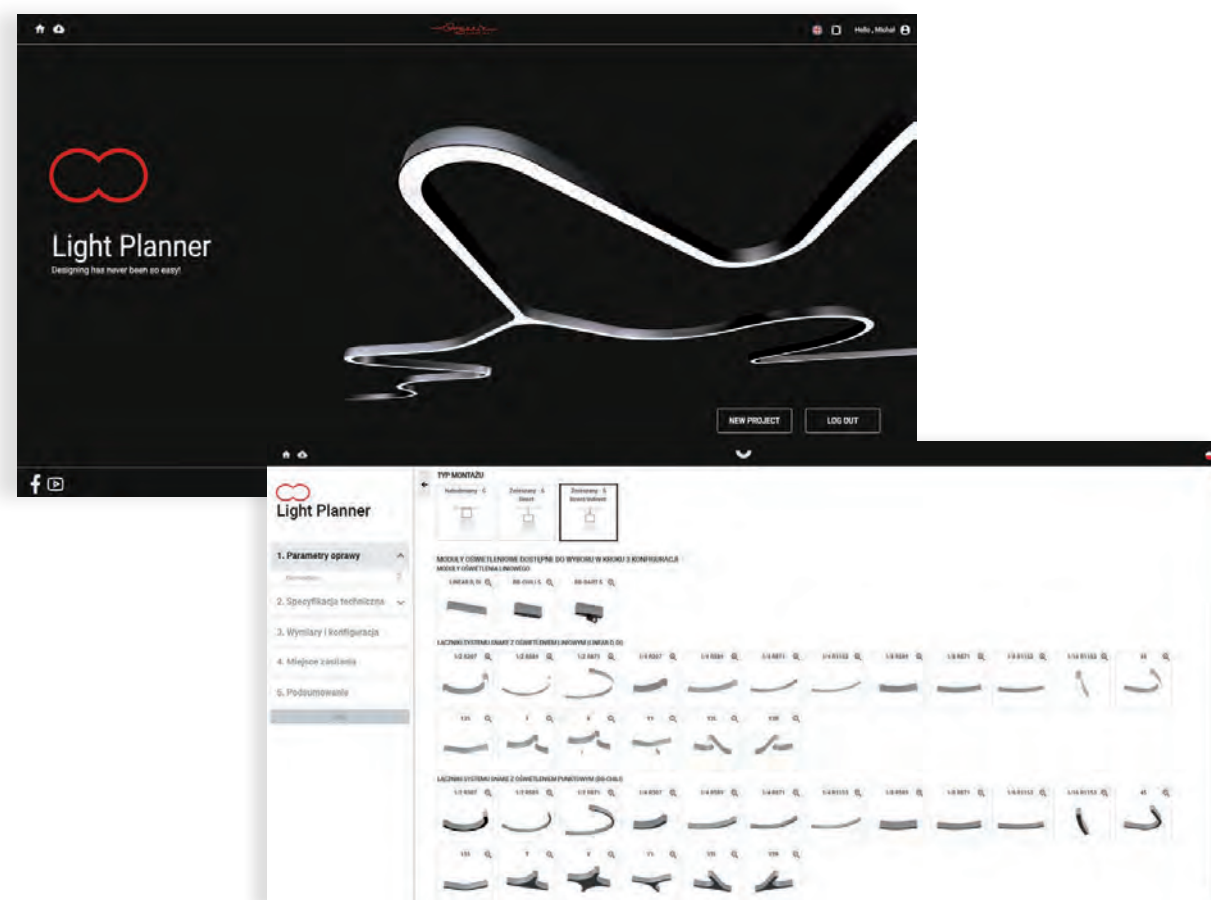
Light Planner converts even the most complex projects into easy graphic language. Build configurations by dragging prepared elements from the library. Choose the length, complement it with selected modules, determine the colors, set the amount of light or distribution angles.

The valuation of the designed system is created automatically and the order is sent with one click. Light Planner allows you to export your drawing to Autocad files and professional light design programs. It also allows you to create your own design library.

Entwerfen war noch nie so einfach!

Light Planner übersetzt selbst die komplexesten Angebote in eine einfache grafische Sprache. Erstellen Sie Konfigurationen, indem Sie vorbereitete Elemente aus der Bibliothek ziehen. Wählen Sie die Länge, ergänzen Sie sie mit ausgewählten Modulen, bestimmen Sie die Farben, stellen Sie die Lichtmenge oder die Verteilungswinkel ein.

Die Bewertung des entworfenen Systems wird automatisch erstellt und der Auftrag mit einem Klick versandt. Mit dem Light Planner können Sie Ihre Zeichnung in Autocad-Dateien und professionelle Lichtdesign-Programme exportieren. Es ermöglicht Ihnen auch, Ihre eigene Designbibliothek zu erstellen.



www.lightplanner.eu

Multicone

Round, Oval, Square
Rectangular, Panel



Multicone Oval F
188x94

Tam gdzie natura spotyka się z technologią

Rodzina opraw Multicone to kombinacja różnorodności wyboru, minimalistycznego wzornictwa i nowoczesnej technologii atrakcyjnie zaprojektowana na planach czworokątów i owali.

Where nature meets technology

The Multicone family of luminaires combines a variety of choices, minimalist design and modern technology attractively designed on plans quadrilaterals and ovals.

Wo sich Natur mit Technologie trifft

Die Familie der Multicone-Leuchten vereint eine Vielzahl von Kombinationsmöglichkeiten, einen minimalistischen Entwurf und moderne Technologie im Rahmen eines attraktiven Designs auf der Basis von Vierecken und Ovalen.



Multicone

Round, Oval, Sqaure
Rectangular, Panel



Zdrowe światło dzięki technologii

Oprawę wykonano z użyciem innowacyjnej technologii Multicone polegającej na cofnięciu soczewki wraz ze źródłem LED w mechanicznie uformowanym froncie. Dzięki temu zabiegowi uzyskano efekt naturalnego, zdrowego dla oczu światła.

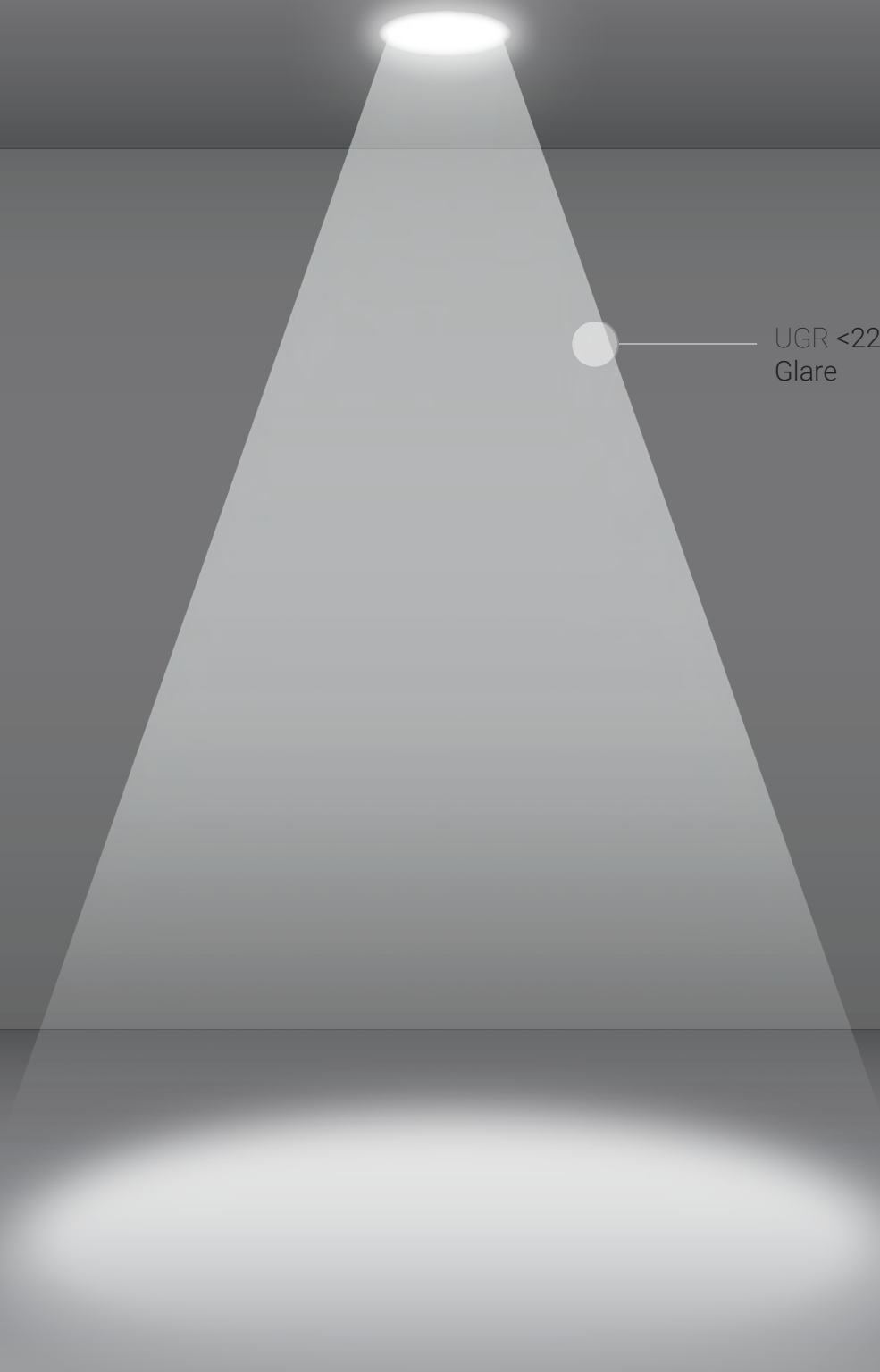
Healthy light thanks to technology

The luminaire was made in the innovative Multicone technology consisting in the retraction of the lens with the LED source in the mechanically formed front. Thanks to this treatment the effect of natural, eye-healthy light is achieved.

Gesunde Licht dank der Technologie

Die Leuchte wurde mit der innovativen Multicone-Technologie entworfen, bei der die zurückgesetzte Linse und LED-Quelle in einer mechanisch geformten Front verankert ist. Dank dieses Verfahrens erzielt man die Wirkung einer natürlichen und für das Auge gesunden Lichtquelle.

Standard downlight



UGR <22
Glare

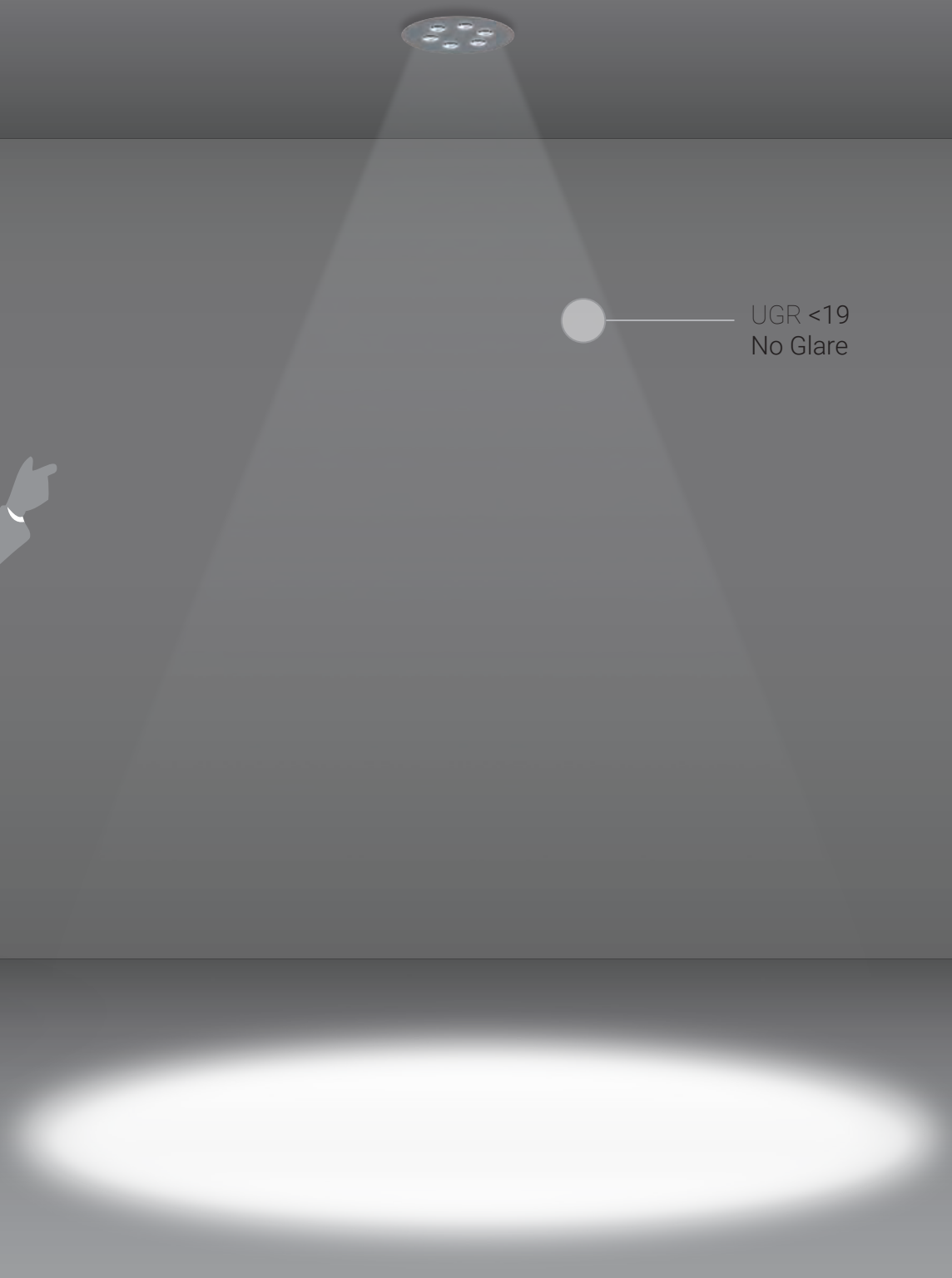
Standard downlight

Klasyczne rozwiązanie z zastosowaniem standardowego downlight'u, które nie zapewnia wysokiej jakości oświetlenia, mogąc wywołać uczucie dyskomfortu określane mianem olśnienia.

A classic solution with the use of a standard downlight, which does not provide high quality lighting, being able to cause discomfort called glare.

Eine klassische Lösung mit der Verwendung eines Standard-Downlights, das keine hohe Lichtqualität bietet und das Beschwerden verursachen kann, die als Blendung bezeichnet werden.

Multicone



UGR <19
No Glare

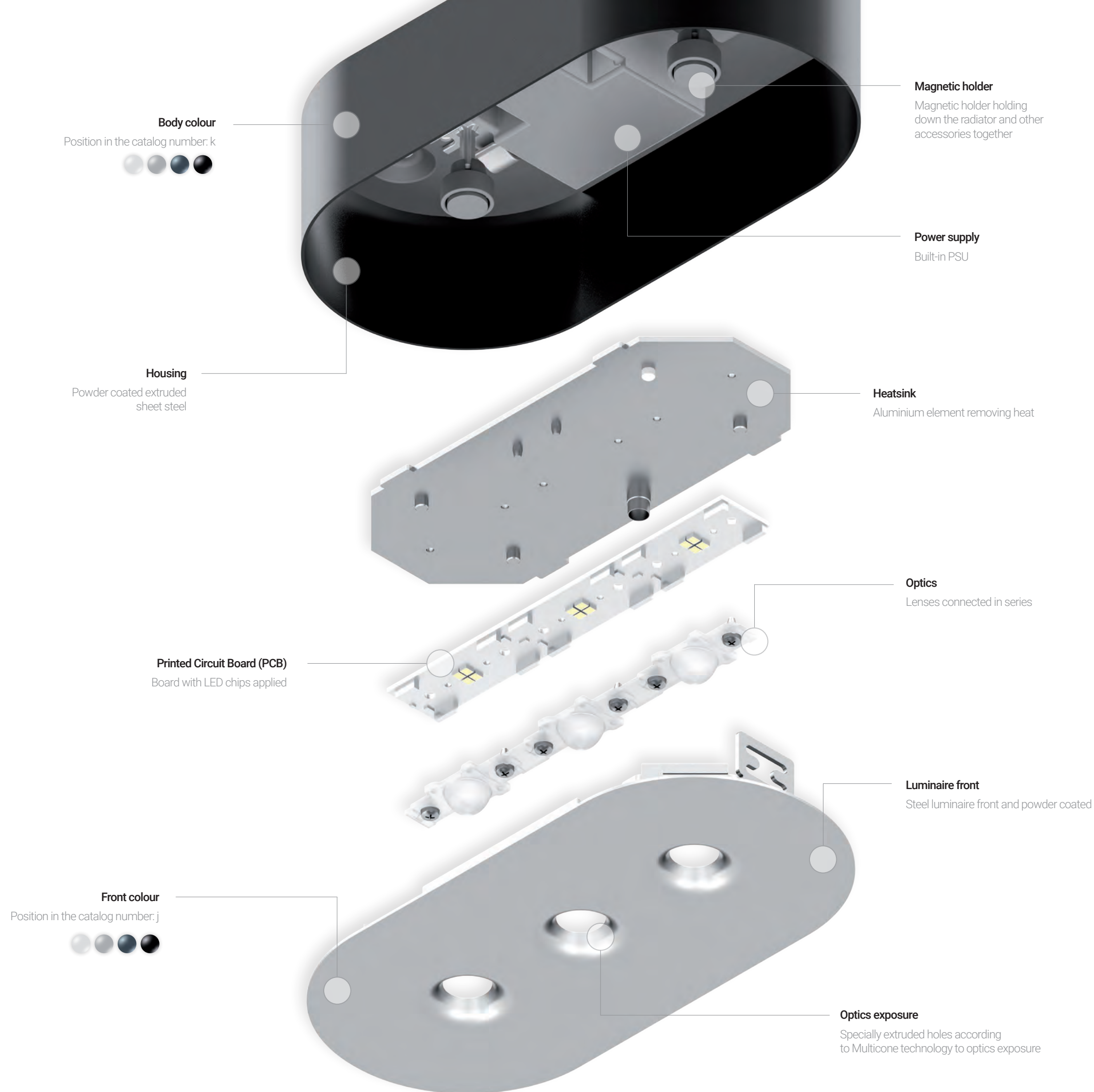
Multicone

Dzięki niskiemu wskaźnikowi UGR (kąt rozsyłu 60° - UGR < 19), redukowane jest zjawisko olśnienia i uzyskiwana jest ekskluzywna jakość oświetlenia oraz absolutny komfort widzenia.

Thanks to the low UGR index (beam angle 60° - UGR < 19), the glare effect is reduced and exclusive lighting quality and absolute visual comfort are achieved.

Dank des niedrigen UGR-Index (Abstrahlswinkel 60° - UGR < 19) wird die Blendung reduziert und exklusive Lichtqualität und absoluter Sehtkomfort erreicht.





Multicone

Round, Oval, Square
Rectangular, Panel

Jeszcze wyższa wydajność

Oprawy Multicone oparte są na kilku cechach w zakresie parametrów świetlnych:
do 150 lm/W
CRI powyżej 80
UGR<19
bardzo niska obudowa od 3 do 7 cm.

Even higher efficiency

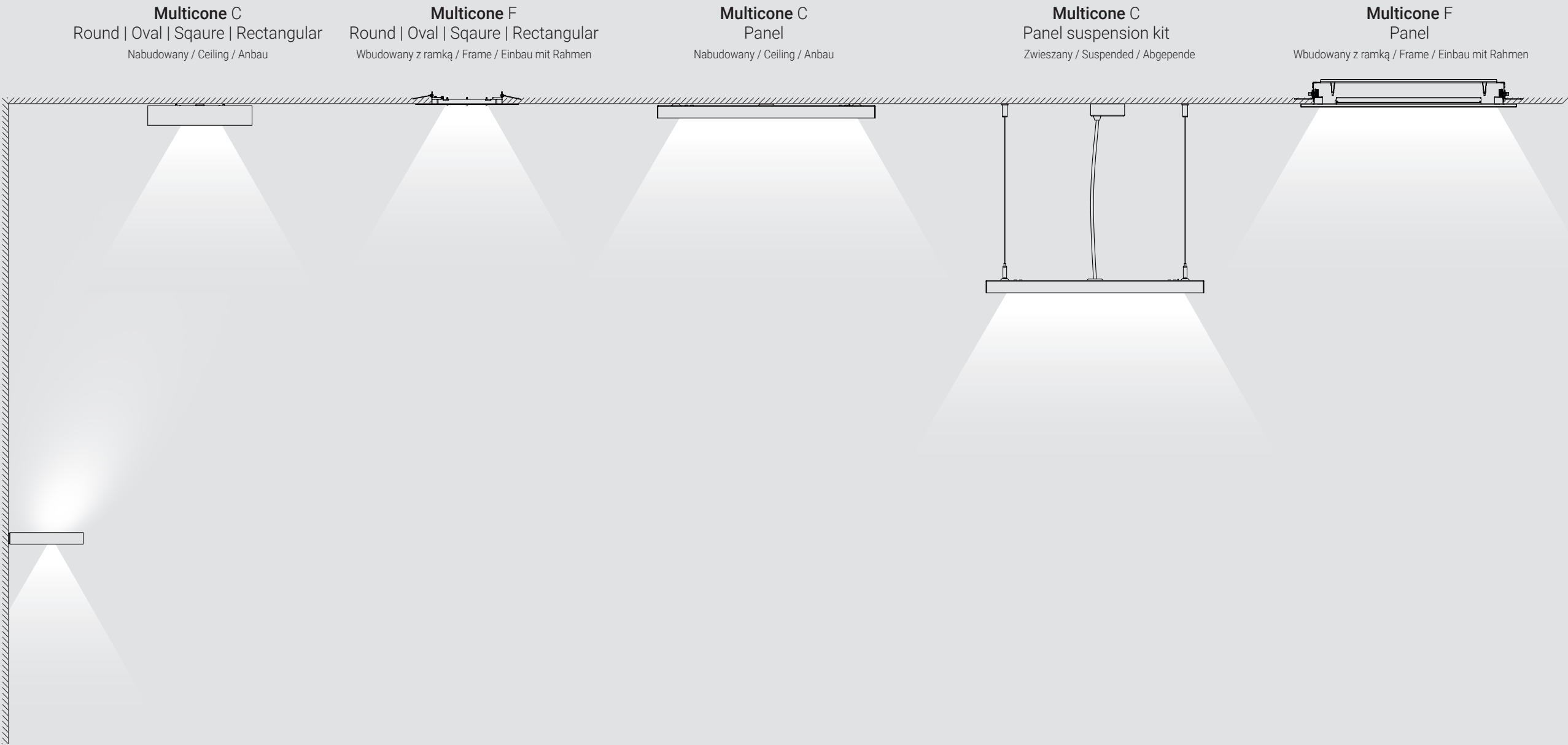
Multicone luminaires are based on several features in terms of lighting parameters:
up to 150 lm / W
CRI above 80
UGR <19
very low housing from 3 to 7 cm.

Noch mehr Leistung

Multicone-Leuchten basieren auf mehreren Eigenschaften in Bezug auf die Lichtleistung:
bis zu 150 lm/W
CRI über 80
UGR<19
sehr niedriges Gehäuse von 3 bis 7 cm.

Multicone

Round, Oval, Sqaure
Rectangular, Panel



Multicone W
Rectangular
Kinkiet / Sconce / Wandleuchte

Nieograniczone możliwości ekspozycji

Cztery typy montażu opraw Multicone pomogą zrealizować najbardziej wymyślną aranżację każdego pomieszczenia.

Unlimited possibilities of exposure

Four types of mounting Multicone luminaires will help to implement the most sophisticated arrangement of every room.

Unendliche Möglichkeiten der Exposition

Die vier Arten von Montage der „Multicone“ Leuchten erlauben es, sogar die anspruchsvollste Einrichtung für die verschiedensten Räume zu ergänzen.



Multicone

Round, Oval

Elegancja na okrągło

Oparte na owalach oprawy Multicone mogą dawać wnętrzu efekt glamour, przy zachowaniu wysokich parametrów technicznych, jak zmniejszone oślnienie i jako takie nadają się do zróżnicowanych przestrzeni biurowych.

Elegance all the time

Oval-based Multicone luminaires can give the interior a glamorous effect, while maintaining high technical parameters, such as reduced glare, so they are suitable for various office spaces.

Die Eleganz rund um die Uhr

Die auf Ovalen basierenden Multicone-Leuchten verleihen jedem Innenraum eine prachtvolle Wirkung und behalten gleichzeitig hohe technische Parameter, wie z. B. eine reduzierte Blendung, bei. Somit eignen sie sich für unterschiedliche Büroräume.

Multicone Round C
192



Multicone
Round, Oval C



Cechy | Features | Eigenschaften

Table with technical specifications: LED, 3000K/4000K, CRI>80, SDCM≤3, 50000h L80 B10, IP20, ON/OFF DALI, 220-240V 50-60HZ, and CE mark.

Colours: [Color swatches]

PL

Montaż: nabudowany.
Źródło światła: PCB LED, 3000K / 4000K, CRI> 80, MacAdam ≤ 3, 50000h L80B10.
Moc oprawy: low output (LO), high efficiency (HE), medium output (MO), high output (HO).
Optyka: soczewka 60°.
Rozsył światła: bezpośredni.
Obudowa: stal malowana proszkowo.
Sterowanie: ON/OFF lub DALI.
Stopień ochrony: IP20

EN

Mounting: ceiling built-on.
Light source: PCB LED, 3000K / 4000K, CRI> 80, MacAdam ≤ 3, 50000h L80B10.
Luminaire power: low output (LO), high efficiency (HE), medium output (MO), high output (HO).
Optic: lens 60°.
Light distribution: direct.
Housing: powder coated steel.
Control: ON / OFF or DALI.
IP protection: IP20

DE

Installation: angebaut.
Lichtquelle: PCB LED, 3000K / 4000K, CRI> 80, MacAdam ≤ 3, 50000h L80B10.
Leuchtenleistung: low output (LO), high efficiency (HE), medium output (MO), high output (HO).
Optik: Linse 60°.
Lichtverteilung: Direkt.
Gehäuse: Stahl pulverbeschichtet.
Steuerung: EIN-AUS oder DALI.
Schutzart : IP20

Multicone Round/Oval C
DIRECT



Table with 6 columns: Type, Dimensions, Power, Luminaire flux *, Code. Rows include Multicone Oval 3 C, Multicone Round 4 C, Multicone Round 6 C, Multicone Round 9 C, and Multicone Round 16 C with various specifications.

* Strumień świetlny oprawy podany dla 4000K.
Fixture lumen output data refer to 4000K.
Lichtstrom der Leuchte spezifiziert für 4000K.

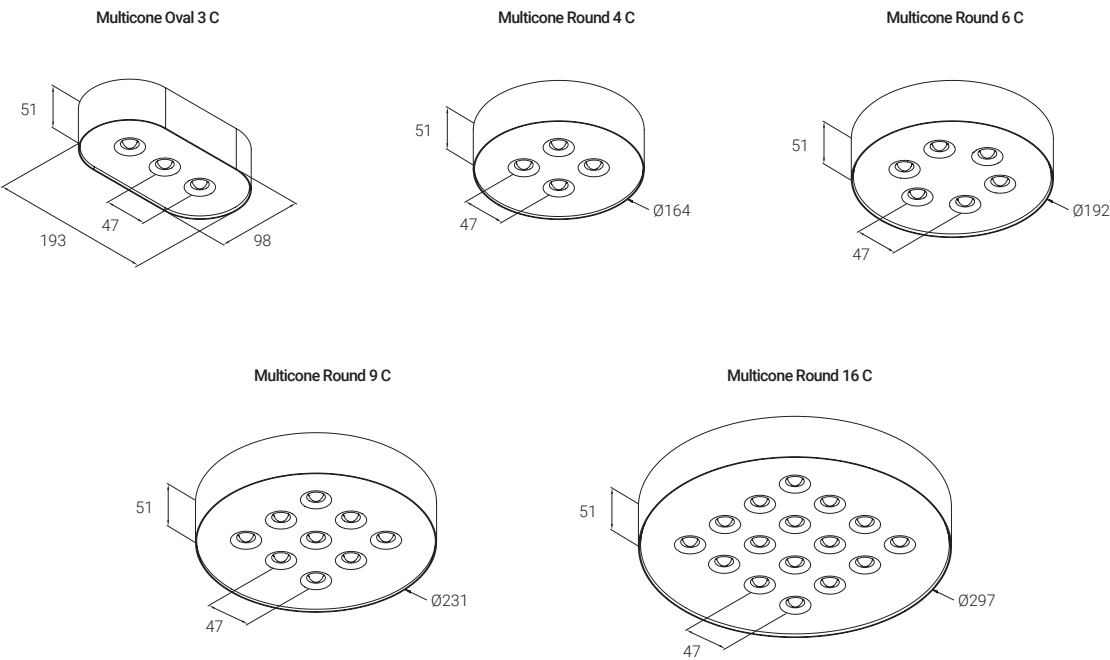


Table with 6 columns: Driver, f, LED color, g, Finishing, j, k. Rows show options for ON/OFF, DALI, 830, 840, white, black, fog, and graphite finishes.





Multicone

Round, Oval F



Front color
Position in the catalog number: j

○ ○ ● ●

Cechy | Features | Eigenschaften

LED	3000K 4000K	CRI>80	SDCM ≤ 3	50000h L80 B10	IP20	ON/OFF DALI	220 - 240V 50-60HZ		CE
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Colours: ○ ○ ● ●

PL

Montaż: wbudowany z ramką.

Źródło światła: PCB LED, 3000K / 4000K, CRI> 80, MacAdam ≤ 3, 50000h L80B10.

Moc oprawy: low output (LO), high efficiency (HE), medium output (MO), high output (HO).

Optyka: soczewka 60°.

Rozsył światła: bezpośredni.

Obudowa: stal malowana proszkowo.

Sterowanie: ON/OFF lub DALI.

Stopień ochrony: IP20

EN

Mounting: recessed with a frame.

Light source: PCB LED, 3000K / 4000K, CRI> 80, MacAdam ≤ 3, 50000h L80B10.

Luminaire power: low output (LO), high efficiency (HE), medium output (MO), high output (HO).

Optic: lens 60°.

Light distribution: direct.

Housing: powder coated steel.

Control: ON / OFF or DALI.

IP protection: IP20

DE

Installation: Eingebaut mit Rahmen.

Lichtquelle: PCB LED, 3000K / 4000K, CRI> 80, MacAdam ≤ 3, 50000h L80B10.

Leuchtenleistung: low output (LO), high efficiency (HE), medium output (MO), high output (HO).

Optik: Linse 60°.

Lichtverteilung: Direkt.

Gehäuse: Stahl pulverbeschichtet.

Steuerung: EIN-AUS oder DALI.

Schutzart : IP20

Multicone Round/Oval F

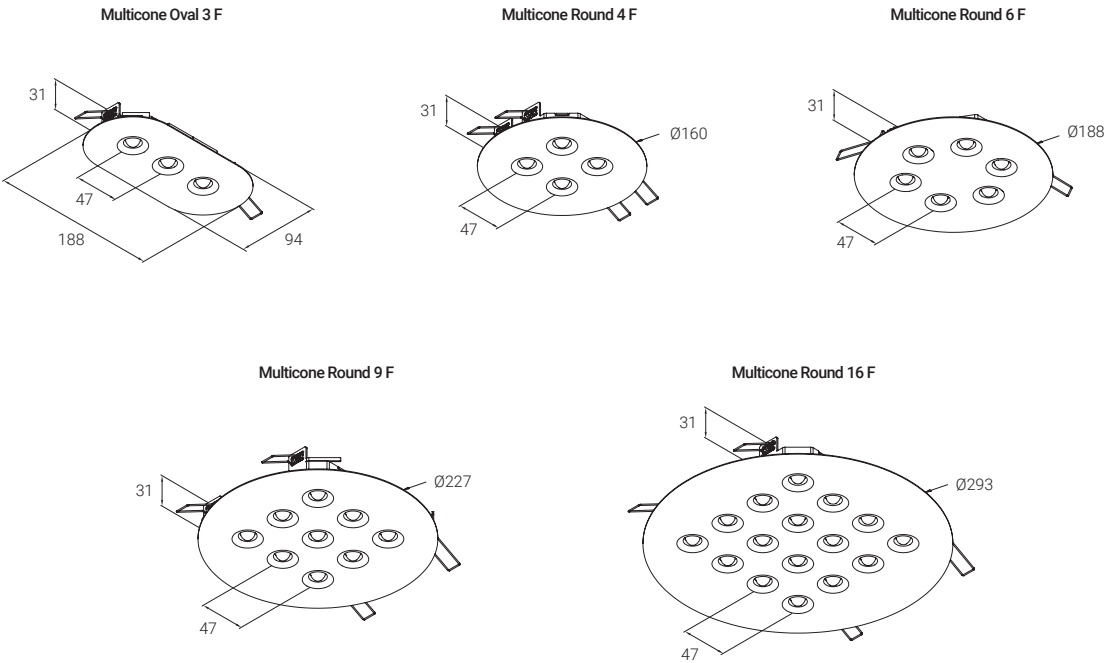
DIRECT



	Type	Dimensions	Power	Luminaire flux *	Code
	Multicone Oval 3 F	188x94 mm	4.7 W (CC HO)	lens 60° UGR<19	5.2311.01F1.fg7Wj0
				655 lm	
	Multicone Round 4 F	Ø160 mm	6.3 W (CC HO)	875 lm	5.2301.02F1.fg7Wj0
	Multicone Round 6 F	Ø188 mm	9.4 W (CC HO)	1315 lm	5.2301.03F1.fg7Wj0
	Multicone Round 9 F	Ø227 mm	14.1 W (CC HO)	1970 lm	5.2301.04F1.fg7Wj0
	Multicone Round 16 F	Ø293 mm	15.9 W (CC LO)	2385 lm	5.2301.05F1.fg5Wj0
	Multicone Round 16 F	Ø293 mm	18.1 W (CC HE)	2680 lm	5.2301.05F1.fg6Wj0
	Multicone Round 16 F	Ø293 mm	22.7 W (CC MO)	3285 lm	5.2301.05F1.fgMWj0
	Multicone Round 16 F	Ø293 mm	25 W (CC HO)	3525 lm	5.2301.05F1.fg7Wj0

Ø - 15 mm | Hmin = 75 mm

* Strumień świetlny oprawy podany dla 4000K.
Fixture lumen output data refer to 4000K.
Lichtstrom der Leuchte spezifiziert für 4000K.



Driver	f	LED color	g	Finishing	j
ON/OFF	1	830	2	white (RAL9016)	4
DALI	2	840	3	black (RAL9005)	5
				fog (RAL7038)	G
				graphite (RAL7024)	H





Multicone

Sqaure, Rectangular



Multicone Square C
192x192

Regularność ponad wszystko

Podstawowa forma oparta na kwadratach i prostokątach narzuca architektoniczność. Najwyższej jakości materiały, energooszczędna technologia i różnorodne wykończenia sprawiają, że Multicone Square / Rectangular jest idealnym rozwiązaniem oświetleniowym dla stref publicznych i biznesowych. W celu personalizacji wprowadzono oddzielny kolor dla obudowy i frontu.

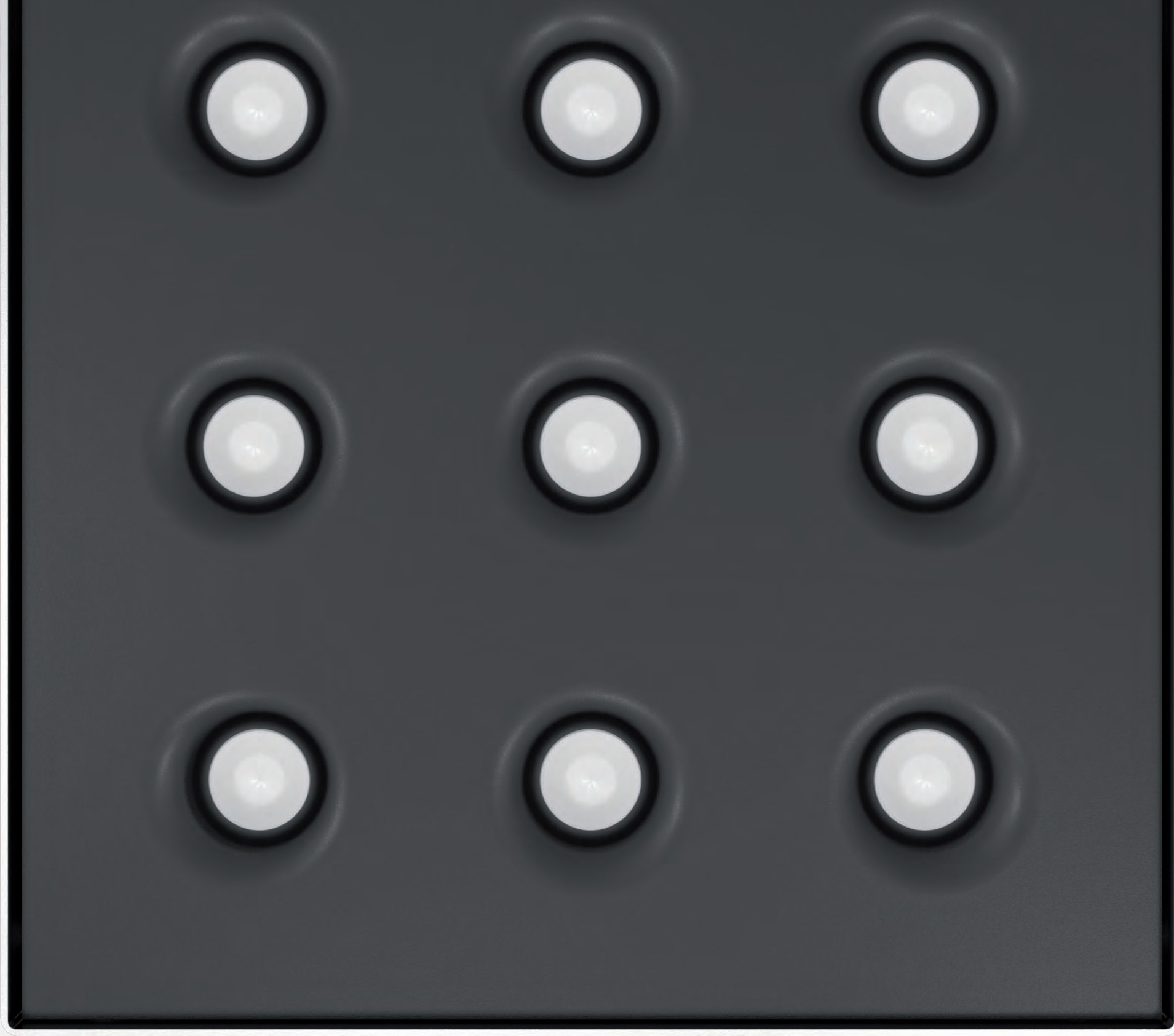
Regularity above all

The basic form based on squares and rectangles imposes architectural character. Top-quality materials, energy-saving technology and a variety of finishes make Multicone Square / Rectangular the ideal lighting solution for public and business zones. A separate color has been introduced for personalization housing and front.

Regelmäßigkeit vor allem

Die auf Quadraten und Rechtecken basierende Grundform prägt den architektonischen Stil. Hochwertige Materialien, energieeffiziente Technologie und verschiedene Oberflächen machen Multicone Square / Rectangular zur idealen Beleuchtungslösung für öffentliche und geschäftliche Bereiche. Zur Personalisierung wurde eine separate Farbe für die Gehäuse und Front eingeführt.





Multicone

Sqaure, Rectangular

Uporządkowana wydajność

Podstawowy kształt geometryczny reprezentuje czystość i racjonalność, zaś połączenie ze sobą przeciwstawnych form nada pomieszczeniu odpowiedniego charakteru. Dzięki innowacyjnym funkcjom zoptymalizowano poziom wydajności.

Structured performance

The basic geometric shape represents purity and rationality, while the combination of opposing forms gives the room character. Thanks to innovative functions, the level of efficiency has been optimised.

Strukturierte Effizienz

Die geometrische Grundform steht für Reinheit und Rationalität, während die Kombination der gegensätzlichen Formen dem Raum ein bestimmtes Flair verleiht. Dank innovativer Funktionen konnte der Wirkungsgrad optimiert werden.



Multicone

Square, Rectangular C



Cechy | Features | Eigenschaften

LED	3000K 4000K	CRI>80	SDCM ≤ 3	50000h L80 B10	IP20	ON/OFF DALI	220 - 240V 50-60HZ		CE
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Colours:

PL

Montaż: nabudowany.

Źródło światła: PCB LED, 3000K / 4000K, CRI> 80, MacAdam ≤ 3, 50000h L80B10.

Moc oprawy: low output (LO), high efficiency (HE), medium output (MO), high output (HO).

Optyka: soczewka 60°.

Rozsył światła: bezpośredni.

Obudowa: stal malowana proszkowo.

Sterowanie: ON/OFF lub DALI.

Stopień ochrony: IP20

EN

Mounting: ceiling built-on.

Light source: PCB LED, 3000K / 4000K, CRI> 80, MacAdam ≤ 3, 50000h L80B10.

Luminaire power: low output (LO), high efficiency (HE), medium output (MO), high output (HO).

Optic: lens 60°.

Light distribution: direct.

Housing: powder coated steel.

Control: ON / OFF or DALI.

IP protection: IP20

DE

Installation: angebaut.

Lichtquelle: PCB LED, 3000K / 4000K, CRI> 80, MacAdam ≤ 3, 50000h L80B10.

Leuchtenleistung: low output (LO), high efficiency (HE), medium output (MO), high output (HO).

Optik: Linse 60°.

Lichtverteilung: Direkt.

Gehäuse: Stahl pulverbeschichtet.

Steuerung: EIN-AUS oder DALI.

Schutzart : IP20

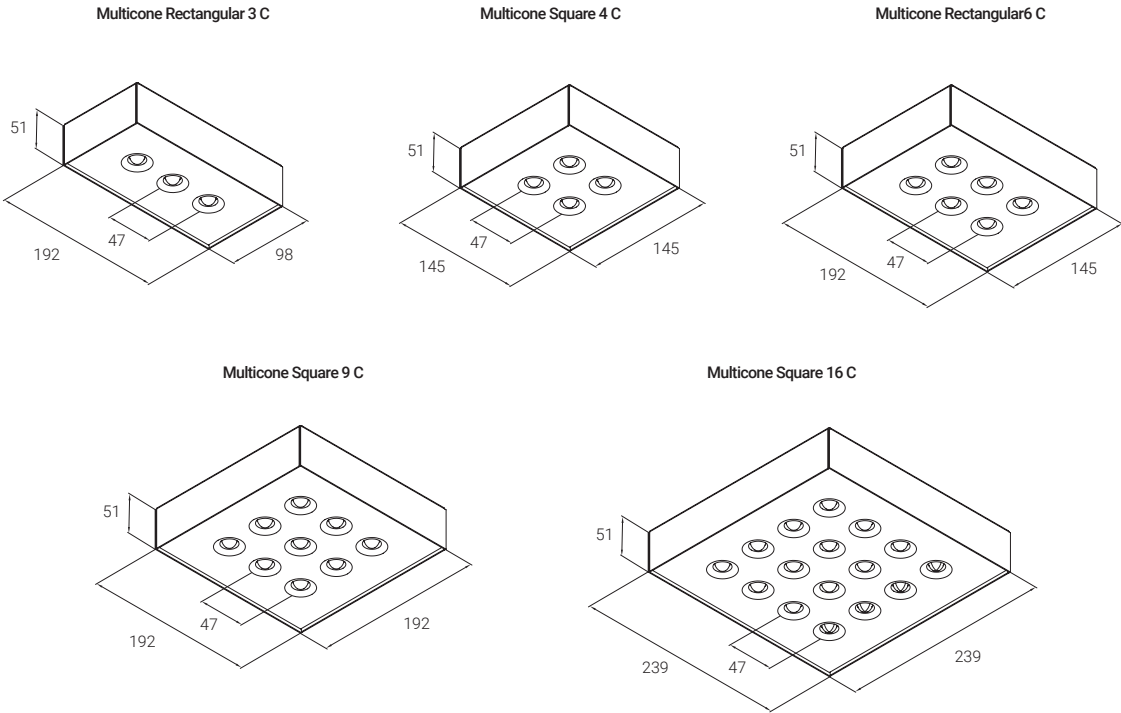
Multicone Square/Rectangular C

DIRECT



	Type	Dimensions	Power	Luminaire flux *	Code
	Rectangular 3 C 192x98 mm	Multicone Rectangular 3 C	192x98 mm	4.7 W (CC HO)	lens 60° UGR<19 655 lm 5.2332.01C1.fg7Wjk
	Square 4 C 145x145 mm	Multicone Square 4 C	145x145 mm	6.3 W (CC HO)	875 lm 5.2322.02C1.fg7Wjk
	Square 6 C 192x145 mm	Multicone Square 6 C	192x145 mm	9.4 W (CC HO)	1315 lm 5.2332.03C1.fg7Wjk
	Square 9 C 192x192 mm	Multicone Square 9 C	192x192 mm	14.1 W (CC HO)	1970 lm 5.2322.04C1.fg7Wjk
	Square 16 C 239x239 mm	Multicone Square 16 C	239x239 mm	15.9 W (CC LO)	2385 lm 5.2322.05C1.fg5Wjk
		Multicone Square 16 C	239x239 mm	18.1 W (CC HE)	2680 lm 5.2322.05C1.fg6Wjk
		Multicone Square 16 C	239x239 mm	22.7 W (CC MO)	3285 lm 5.2322.05C1.fgMWjk
		Multicone Square 16 C	239x239 mm	25 W (CC HO)	3525 lm 5.2322.05C1.fg7Wjk

* Strumień świetlny oprawy podany dla 4000K.
Fixture lumen output data refer to 4000K.
Lichtstrom der Leuchte spezifiziert für 4000K.



Driver	f	LED color	g	Finishing	j, k
ON/OFF	1	830	2	white (RAL9016)	4
DALI	2	840	3	black (RAL9005)	5
				fog (RAL7038)	G
				graphite (RAL7024)	H



Multicone
Square/Rectangular F



Front color
Position in the catalog number: j

Colours:

Cechy | Features | Eigenschaften

Table with technical specifications: LED, 3000K/4000K, CRI>80, SDCM≤3, 50000h L80 B10, IP20, ON/OFF DALI, 220-240V 50-60HZ, and CE mark.

PL
Montaż: wbudowany z ramką.
Źródło światła: PCB LED, 3000K / 4000K, CRI> 80, MacAdam ≤ 3, 50000h L80B10.
Moc oprawy: low output (LO), high efficiency (HE), medium output (MO), high output (HO).
Optyka: soczewka 60°.
Rozsył światła: bezpośredni.
Obudowa: stal malowana proszkowo.
Sterowanie: ON/OFF lub DALI.
Stopień ochrony: IP20

EN
Mounting: recessed with a frame.
Light source: PCB LED, 3000K / 4000K, CRI> 80, MacAdam ≤ 3, 50000h L80B10.
Luminaire power: low output (LO), high efficiency (HE), medium output (MO), high output (HO).
Optic: lens 60°.
Light distribution: direct.
Housing: powder coated steel.
Control: ON / OFF or DALI.
IP protection: IP20

DE
Installation: Eingebaut mit Rahmen.
Lichtquelle: PCB LED, 3000K / 4000K, CRI> 80, MacAdam ≤ 3, 50000h L80B10.
Leuchtenleistung: low output (LO), high efficiency (HE), medium output (MO), high output (HO).
Optik: Linse 60°.
Lichtverteilung: Direkt.
Gehäuse: Stahl pulverbeschichtet.
Steuerung: EIN-AUS oder DALI.
Schutzart : IP20

Multicone Square/Rectangular F
DIRECT



Table with 6 columns: Type, Dimensions, Power, Luminaire flux *, Code. Rows include Rectangular 3 F, Square 4 F, Square 6 F, Square 9 F, and Square 16 F with various configurations.

L1 - 15 x L2 - 15 mm | Hmin = 75 mm

* Strumień świetlny oprawy podany dla 4000K.
Fixture lumen output data refer to 4000K.
Lichtstrom der Leuchte spezifiziert für 4000K.

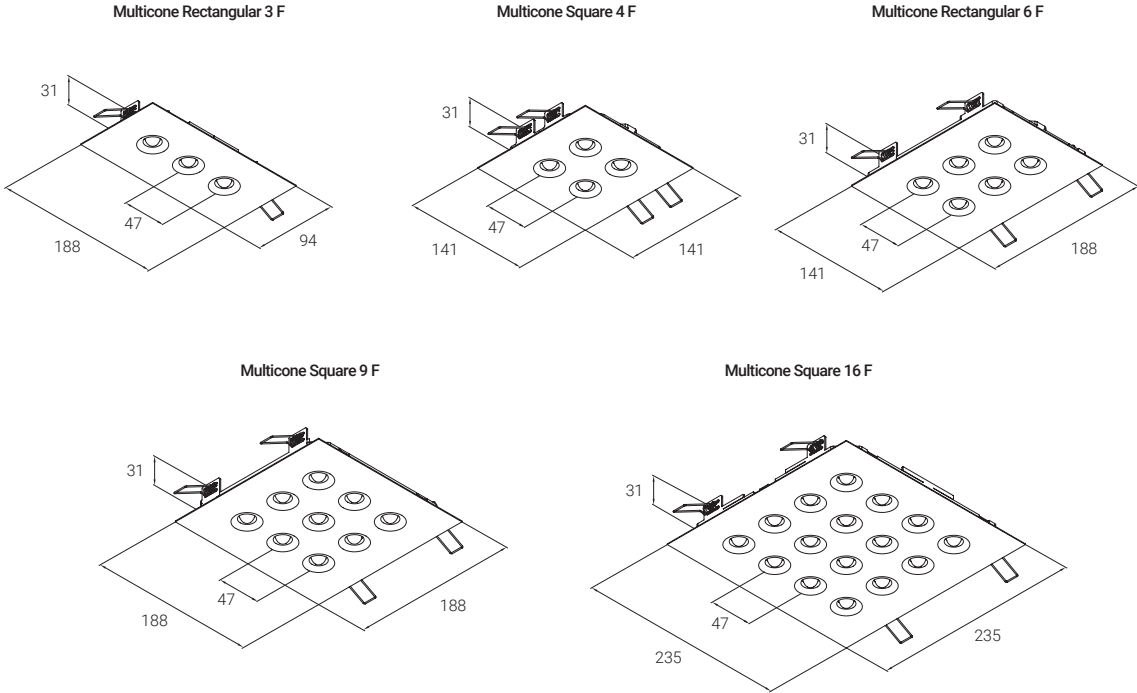


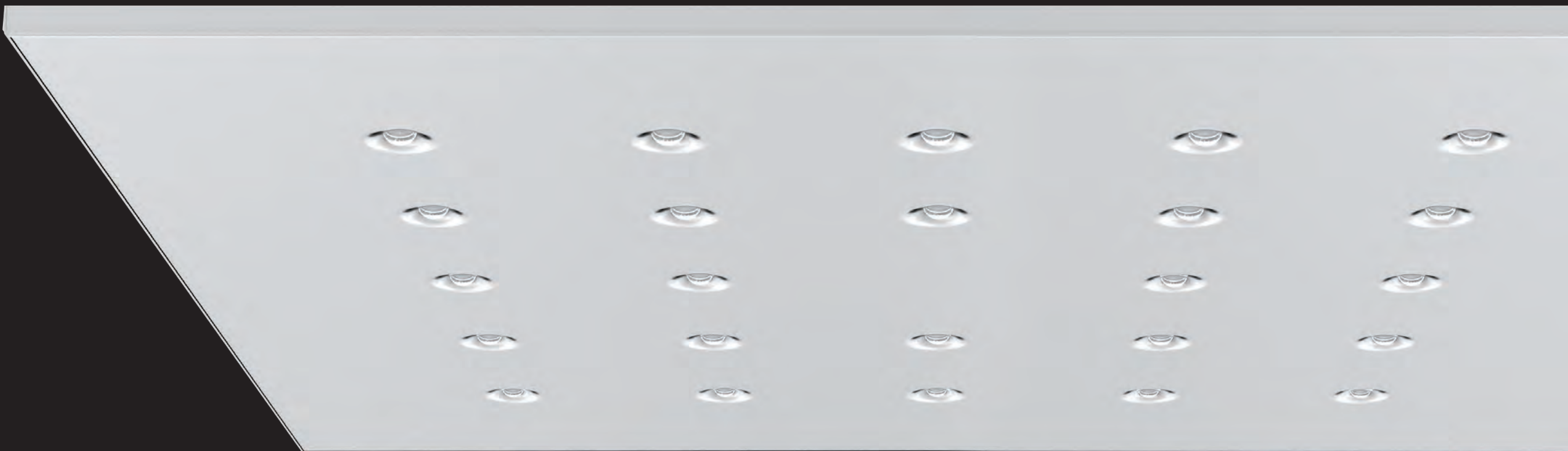
Table with 6 columns: Driver, f, LED color, g, Finishing, j. Rows show options for ON/OFF, DALI, 830, 840, and various finishing colors like white, black, fog, and graphite.





Multicone

Panel



Multicone Panel C
600x600

Niech Twoje biuro nabierze charakteru!

Surowość oprawy o prostych kątach i naturalne światło nadają estetycznego akcentu. Okrągłe soczewki ułożono symetrycznie w przecinające się rzędy. Ciekawa przestrzeń wymaga zarówno struktury, jak i delikatności.

Let your office take on character!

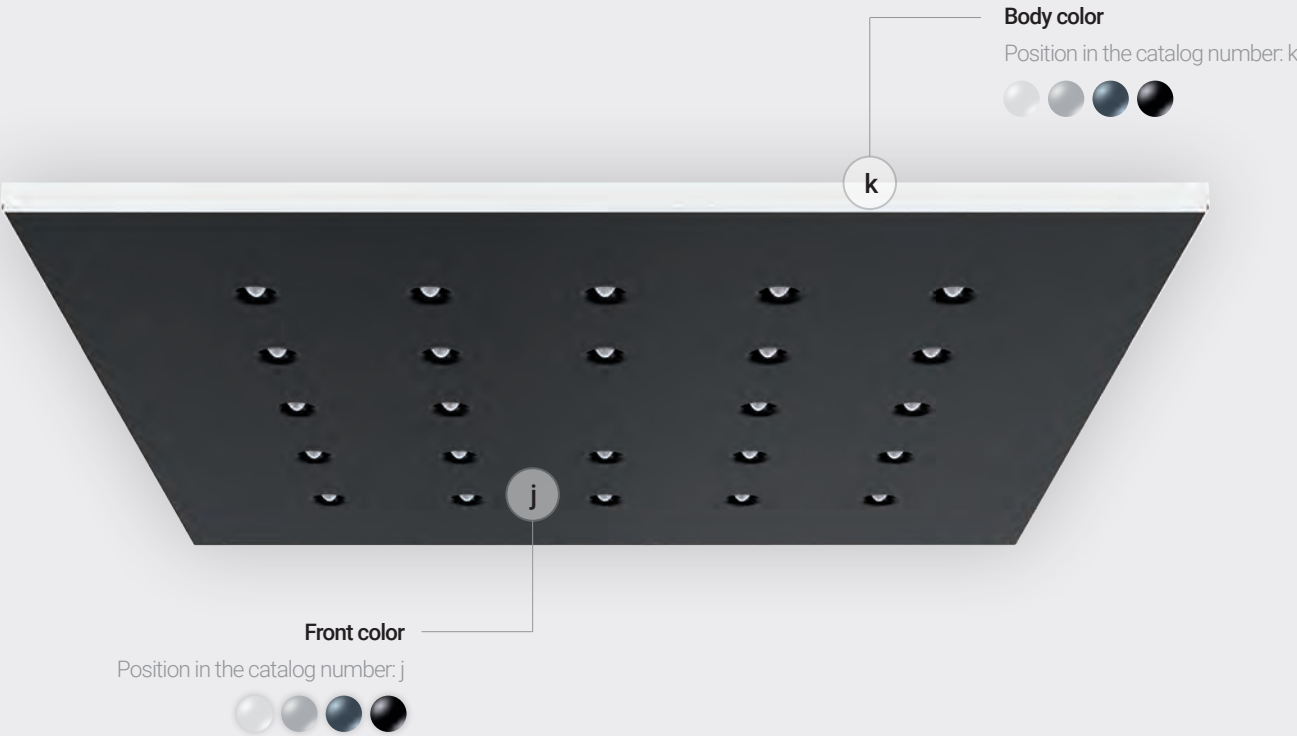
The severity of the luminaire with right angles and natural light gives an aesthetic accent. The round lenses are arranged symmetrically into intersecting rows. Interesting space requires both structure and delicacy.

Verleihen Sie Ihrem Büro Charakter!

Die scharfen Kanten und das natürliche Licht der Leuchte setzen einen ästhetischen Akzent. Die runden Linsen sind symmetrisch in sich kreuzenden Reihen angeordnet. Ein interessanter Raum braucht sowohl Struktur als auch Feinheit.



Multicone
Panel C



Cechy | Features | Eigenschaften

Table with technical specifications: LED, 3000K/4000K, CRI>80, SDCM ≤ 3, 50000h L80 B10, IP20, ON/OFF DALI, 220-240V 50-60HZ, and CE mark.



PL
Montaż: nabudowany.
Źródło światła: PCB LED, 3000K / 4000K, CRI> 80, MacAdam ≤ 3, 50000h L80B10.
Moc oprawy: low output (LO), high efficiency (HE), medium output (MO), high output (HO).
Optyka: soczewka 60°.
Rozsył światła: bezpośredni.
Obudowa: stal malowana proszkowo.
Sterowanie: ON/OFF lub DALI.
Stopień ochrony: IP20

EN
Mounting: ceiling built-on.
Light source: PCB LED, 3000K / 4000K, CRI> 80, MacAdam ≤ 3, 50000h L80B10.
Luminaire power: low output (LO), high efficiency (HE), medium output (MO), high output (HO).
Optic: lens 60°.
Light distribution: direct.
Housing: powder coated steel.
Control: ON / OFF or DALI.
IP protection: IP20

DE
Installation: angebaut.
Lichtquelle: PCB LED, 3000K / 4000K, CRI> 80, MacAdam ≤ 3, 50000h L80B10.
Leuchtenleistung: low output (LO), high efficiency (HE), medium output (MO), high output (HO).
Optik: Linse 60°.
Lichtverteilung: Direkt.
Gehäuse: Stahl pulverbeschichtet.
Steuerung: EIN-AUS oder DALI.
Schutzart : IP20

Multicone Panel C
DIRECT



Table with 6 columns: Type, Dimensions, Power, Luminaire flux *, Code. It lists specifications for Multicone Panel 16 C, 12 C, and 24 C in various sizes and configurations.

* Strumień świetlny oprawy podany dla 4000K.
Fixture lumen output data refer to 4000K.
Lichtstrom der Leuchte spezifiziert für 4000K.

Multicone Accessoriess
Suspension for MULTICONE Panels C

Table with 3 columns: Type, Dimensions, Code. It lists suspension kits for Multicone Panels C.

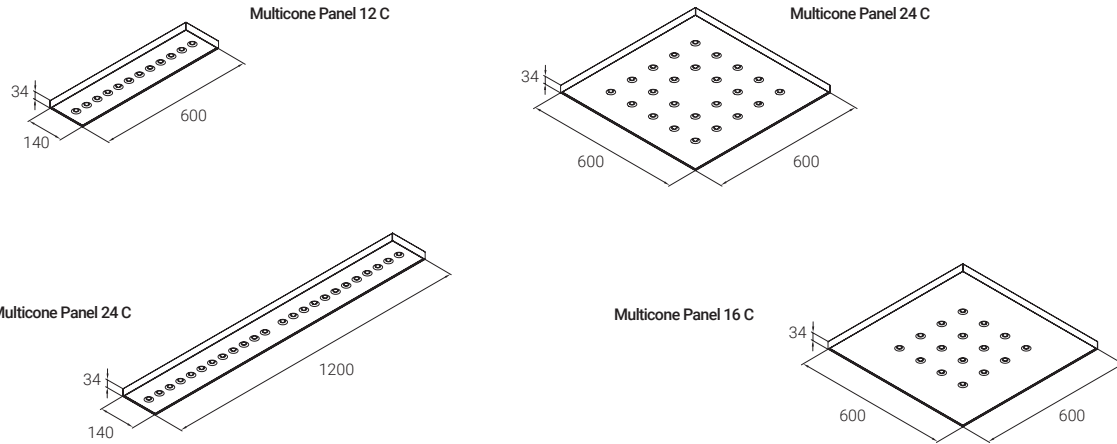


Table with 6 columns: Driver, f, LED color, g, Finishing, j, k. It provides details about the driver, focal length, LED color, mounting distance, and finishing options.





Multicone
Panel F



Front color
Position in the catalog number: j



Colours: [white] [light gray] [dark gray] [black]

Cechy | Features | Eigenschaften

Table with 10 columns: LED, 3000K 4000K, CRI>80, SDCM ≤ 3, 50000h L80 B10, IP20, ON/OFF DALI, 220 - 240V 50-60HZ, and CE mark.

PL
Montaż: wbudowany z ramką.
Źródło światła: PCB LED, 3000K / 4000K, CRI> 80, MacAdam ≤ 3, 50000h L80B10.
Moc oprawy: low output (LO), high efficiency (HE), medium output (MO), high output (HO).
Optyka: soczewka 60°.
Rozsył światła: bezpośredni.
Obudowa: stal malowana proszkowo.
Sterowanie: ON/OFF lub DALI.
Stopień ochrony: IP20

EN
Mounting: recessed with a frame.
Light source: PCB LED, 3000K / 4000K, CRI> 80, MacAdam ≤ 3, 50000h L80B10.
Luminaire power: low output (LO), high efficiency (HE), medium output (MO), high output (HO).
Optic: lens 60°.
Light distribution: direct.
Housing: powder coated steel.
Control: ON / OFF or DALI.
IP protection: IP20

DE
Installation: Eingebaut mit Rahmen.
Lichtquelle: PCB LED, 3000K / 4000K, CRI> 80, MacAdam ≤ 3, 50000h L80B10.
Leuchtenleistung: low output (LO), high efficiency (HE), medium output (MO), high output (HO).
Optik: Linse 60°.
Lichtverteilung: Direkt.
Gehäuse: Stahl pulverbeschichtet.
Steuerung: EIN-AUS oder DALI.
Schutzart : IP20

Multicone Panel F
DIRECT



Table with 6 columns: Type, Dimensions, Power, Luminaire flux *, and Code. It lists various Multicone Panel F models (16 F, 12 F, 24 F) with their dimensions, power consumption, and light output.

* Strumień świetlny oprawy podany dla 4000K.
Fixture lumen output data refer to 4000K.
Lichtstrom der Leuchte spezifiziert für 4000K.

Multicone Accessoriess
Mounting set for MULTICONE Panels F
(plasterboard ceiling)

Table with 4 columns: Type, Dimensions, Cut out, and Code. It lists mounting sets for Multicone Panels F with dimensions 625x570 mm, 570x170 mm, and 1170x170 mm.

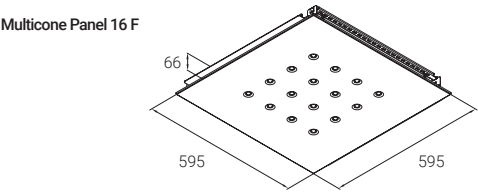
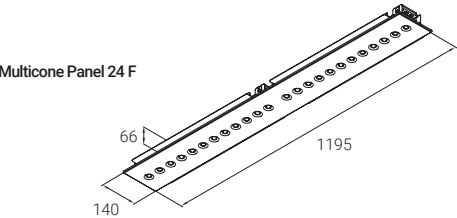
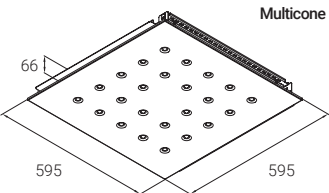
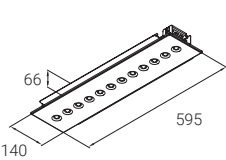


Table with 6 columns: Driver, f, LED color, g, Finishing, and j. It lists technical specifications for the light fixture, including driver options, beam angle, LED color, mounting distance, and finishing options.



Moc ma znaczenie

Multicone Panel odpowiedni do dużych i małych przestrzeni, w których sprawdzi się mocniejszy akcent oświetleniowy o większym rozmiarze. Soczewki z rozsyłem światła 60°dają równomierne oświetlenie ogólne, które jest wydajne.

Power matters

Multicone Panel suitable for large and small spaces where a stronger lighting accent of a larger size works. Lenses with a 60 ° light distribution provide uniform general illumination that is efficient.

Leistung ist essentiell

Multicone Panel eignet sich für große und kleine Räume, in denen ein stärkerer Lichtakzent mit einer größeren Größe funktioniert. Linsen mit 60° Lichtverteilung sorgen für eine gleichmäßige und effiziente Allgemeinbeleuchtung.

Multicone Panel F

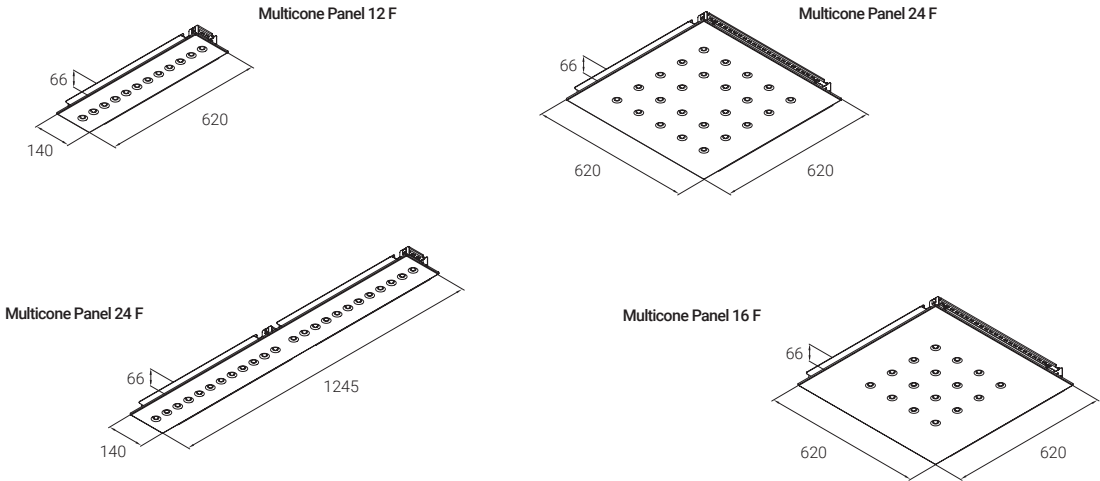
DIRECT



	Type	Dimensions	Power	Luminaire flux *	Code
Panel 16/24 F 620x620 mm	Multicone Panel 16 F	620x620 mm	15.9 W (CC LO)	lens 60° UGR<19 2385 lm	5.2342.11F1.fg5Wj0
	Multicone Panel 16 F	620x620 mm	18.1 W (CC HE)	2680 lm	5.2342.11F1.fg6Wj0
	Multicone Panel 16 F	620x620 mm	22.7 W (CC MO)	3285 lm	5.2342.11F1.fgMWj0
	Multicone Panel 16 F	620x620 mm	25 W (CC HO)	3525 lm	5.2342.11F1.fg7Wj0
	Multicone Panel 24 F	620x620 mm	27.2 W (CC HE)	4020 lm	5.2343.11F1.fg6Wj0
	Multicone Panel 24 F	620x620 mm	34 W (CC MO)	4925 lm	5.2343.11F1.fgMWj0
	Multicone Panel 24 F	620x620 mm	37.5 W (CC HO)	5290 lm	5.2343.11F1.fg7Wj0
Panel 12 F 620x140 mm	Multicone Panel 12 F	620x140 mm	11.9 W (CC LO)	1790 lm	5.2341.12F1.fg5Wj0
	Multicone Panel 12 F	620x140 mm	13.7 W (CC HE)	2010 lm	5.2341.12F1.fg6Wj0
	Multicone Panel 12 F	620x140 mm	17 W (CC MO)	2465 lm	5.2341.12F1.fgMWj0
Panel 24 F 1245x140 mm	Multicone Panel 24 F	1245x140 mm	23.9 W (CC LO)	3580 lm	5.2343.13F1.fg5Wj0
	Multicone Panel 24 F	1245x140 mm	27.3 W (CC HE)	4020 lm	5.2343.13F1.fg6Wj0
	Multicone Panel 24 F	1245x140 mm	34 W (CC MO)	4925 lm	5.2343.13F1.fgMWj0

* Strumień świetlny oprawy podany dla 4000K.
Fixture lumen output data refer to 4000K.
Lichtstrom der Leuchte spezifiziert für 4000K.

	Type	Dimensions	Cut out	Code
Multicone Accessoriess Mounting set for MULTICONE Panels C (plasterboard ceiling)	Panel mounting set	625x570 mm	580x550 mm	5.2392.01F0.0000.00
	Panel mounting set	570x170 mm	580x95 mm	5.2392.02F0.0000.00
	Panel mounting set	1170x170 mm	1180x95 mm	5.2392.03F0.0000.00



Driver	f	LED color	g	Finishing	j
ON/OFF	1	830	2	white (RAL9016)	4
DALI	2	840	3	black (RAL9005)	5
				fog (RAL7038)	G
				graphite (RAL7024)	H



Multicone

Rectangural W



Cechy | Features | Eigenschaften

LED	3000K 4000K	CRI>80	SDCM≤3	50000h L80 B10	IP20	ON/OFF DALI	220 - 240V 50-60HZ		CE
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Colours:    

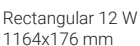
PL
Montaż: kinkiet
Źródło światła: PCB LED, 3000K / 4000K, CRI> 80, MacAdam ≤ 3, 50000h L80B10.
Moc oprawy: low output (LO), high efficiency (HE), medium output (MO), high output (HO).
Optyka: soczewka 60°.
Rozsył światła: bezpośredni, bezpośredni / pośredni.
Obudowa: stal malowana proszkowo.
Sterowanie: ON/OFF lub DALI.
Stopień ochrony: IP20

EN
Mounting: sconce
Light source: PCB LED, 3000K / 4000K, CRI> 80, MacAdam ≤ 3, 50000h L80B10.
Luminaire power: low output (LO), high efficiency (HE), medium output (MO), high output (HO).
Optic: lens 60°.
Light distribution: direct, direct / indirect.
Housing: powder coated steel.
Control: ON / OFF or DALI.
IP protection: IP20

DE
Installation: Wandleuchte
Lichtquelle: PCB LED, 3000K / 4000K, CRI> 80, MacAdam ≤ 3, 50000h L80B10.
Leuchtenleistung: low output (LO), high efficiency (HE), medium output (MO), high output (HO).
Optik: Linse 60°.
Lichtverteilung: Direkt, Direkt/Indirekt.
Gehäuse: Stahl pulverbeschichtet.
Steuerung: EIN-AUS oder DALI.
Schutzart : IP20

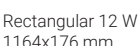
Multicone Rectangular W

DIRECT

	Type	Dimensions	Power	Luminaire flux *	Code
				lens 60° UGR<19	
	Multicone Rectangular 6 W	600x176 mm	5.9 W (CC LO)	895 lm	5.2333.01N1.fg5Wj0
	Multicone Rectangular 6 W	600x176 mm	8.5 W (CC MO)	1230 lm	5.2333.01N1.fgMWj0
	Multicone Rectangular 6 W	600x176 mm	11.9 W (CC HP)	1630 lm	5.2333.01N1.fgPWj0
	Multicone Rectangular 12 W	1164x176 mm	13.7 W (CC HE)	2010 lm	5.2333.02N1.fg6Wj0
	Multicone Rectangular 12 W	1164x176 mm	17 W (CC MO)	2465 lm	5.2333.02N1.fgMWj0
	Multicone Rectangular 12 W	1164x176 mm	18.7 W (CC HO)	2645 lm	5.2333.02N1.fg7Wj0

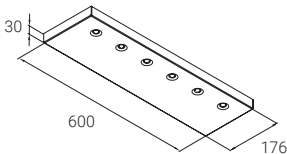
Multicone Rectangular W

DIRECT/INDIRECT

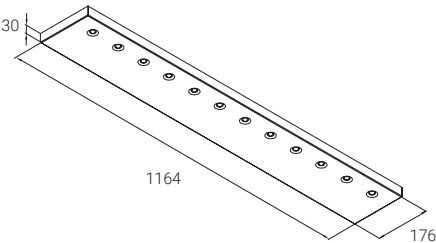
	Type	Dimensions	Power	Luminaire flux *	Code
				lens 60° UGR<19	
	Multicone Rectangular 6 W	600x176 mm	5.9 +11.9 W (CC LO)	895+1610 lm	5.2333.01M1.fg5Wj0
	Multicone Rectangular 6 W	600x176 mm	8.5+17 W (CC MO)	1230+2205 lm	5.2333.01M1.fgMWj0
	Multicone Rectangular 6 W	600x176 mm	11.9+23.9 W (CC HP)	1630+2920 lm	5.2333.01M1.fgPWj0
	Multicone Rectangular 12 W	1164x176 mm	13.7+27.3 W (CC HE)	2010+3680 lm	5.2333.02M1.fg6Wj0
	Multicone Rectangular 12 W	1164x176 mm	17+34 W (CC MO)	2465+4410 lm	5.2333.02M1.fgMWj0
	Multicone Rectangular 12 W	1164x176 mm	18.7+37.5 W (CC HO)	2645+4585 lm	5.2333.02M1.fg7Wj0

* Strumień świetlny oprawy podany dla 4000K.
Fixture lumen output data refer to 4000K.
Lichtstrom der Leuchte spezifiziert für 4000K.

Multicone Rectangular 6 W



Multicone Rectangular 12 W



Driver	f	LED color	g	Finishing	j
ON/OFF	1	830	2	white (RAL9016)	4
DALI	2	840	3	black (RAL9005)	5
				fog (RAL7038)	G
				graphite (RAL7024)	H





Rink

Round C, S, P, F



Rink Round
S 560

Minimalistyczne wzornictwo

Seria "Rink" przekonuje minimalistycznym wzornictwem, nowoczesną technologią LED i szczególnie łatwym montażem. Korpus jest magnetycznie połączony z podstawą. Różnorodne kombinacje opraw Rink wpływają na możliwość zastosowania w niemal każdym pomieszczeniu. Szeroki wybór wzbogacają trzy dyfuzory, wiele rozmiarów i kolorów obudowy oraz cztery opcje montażu.

Minimalist design

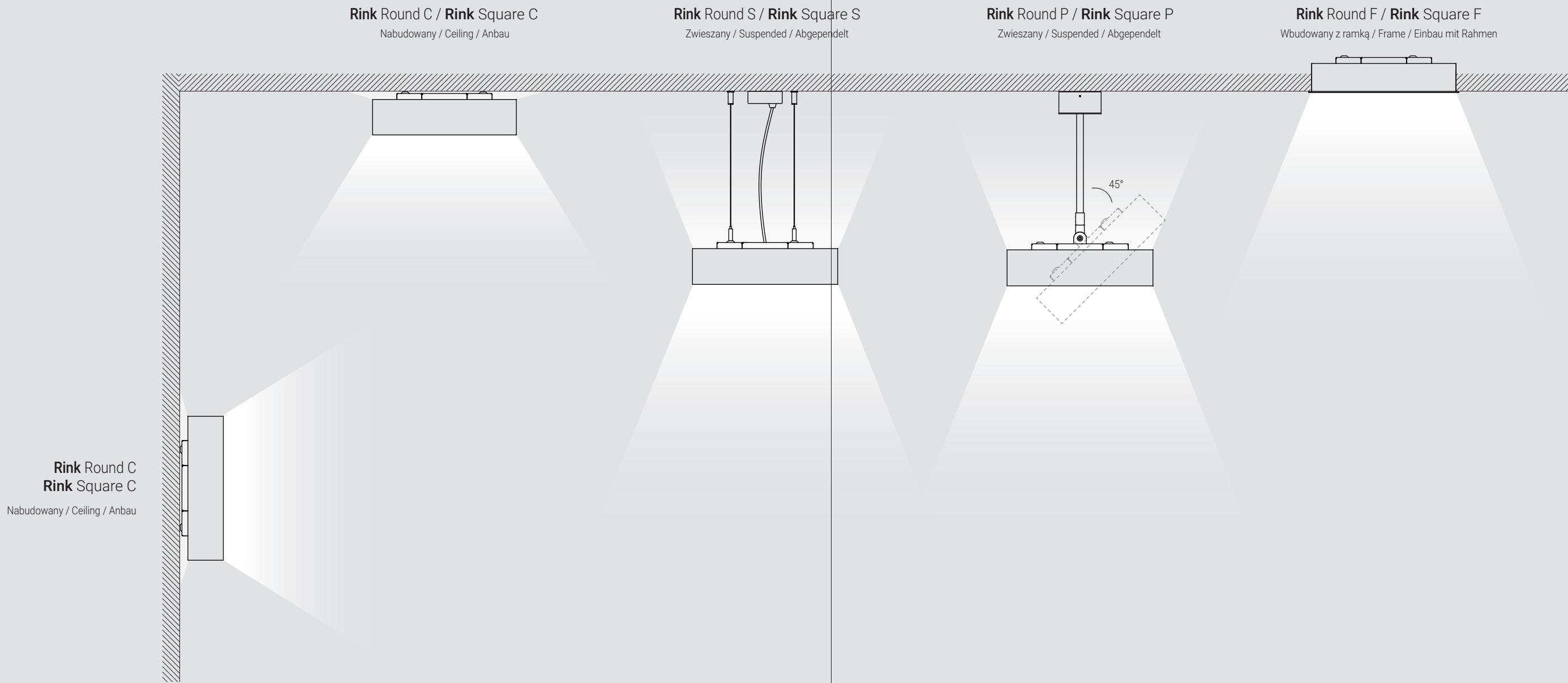
The Rink series of luminaires convinces with its minimalist design, modern LED technology and an exceptionally easy installation. The body is magnetic connected to the base. The variety of combinations will be framed for the possibility of use in almost any place. The wide selection is enriched by three diffusers, many sizes and colors and four mounting options.

Minimalistisches Design

Die Leuchtenserie "Rink" überzeugt durch ihr minimalistisches Design, moderne LED-Technik und eine besonders einfache Installation. Der geschlossene Körper der Leuchte ist magnetisch mit dem Sockel verbunden, was die Installation vor Ort sehr einfach macht. Mit einer Auswahl von drei Abdeckungen, mehreren Gehäusegrößen und -farben und vier verschiedenen Montagemöglichkeiten bieten die Rink-Leuchten eine Vielzahl von Kombinationsmöglichkeiten für nahezu jede Anwendung.

Rink

Round / Square C, S, P, F



Rink Round C
Rink Square C
Nabudowany / Ceiling / Anbau

Rink Round C / Rink Square C
Nabudowany / Ceiling / Anbau

Rink Round S / Rink Square S
Zwieszany / Suspended / Abgependelt

Rink Round P / Rink Square P
Zwieszany / Suspended / Abgependelt

Rink Round F / Rink Square F
Wbudowany z ramką / Frame / Einbau mit Rahmen

Doskonała wariantowość

Pięć rozmiarów opraw w kształcie okręgu zachwyca regularnością. Rozsyłane światło w kierunkach direct, direct-indirect przebija się miękko przez obudowę dostępną w czterech kolorach. Cztery sposoby montażu uzupełniają paletę wariantowości.

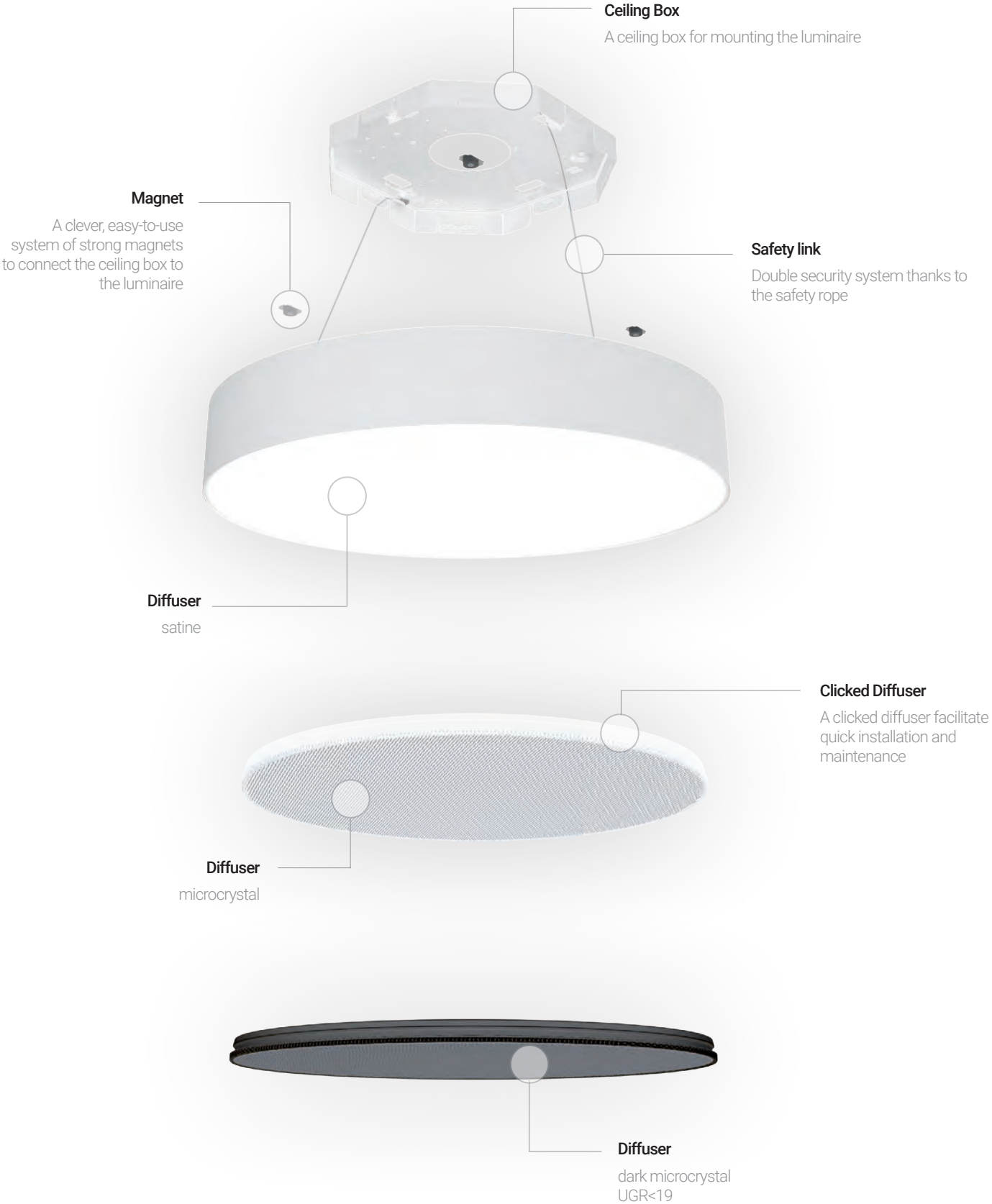
Perfection of variants

The five sizes of circle-shaped luminaires impress with their regularity. The distributed light in direct, direct-indirect directions penetrates softly through the housing available in four colors. Four mounting options complete the range of variants.

Perfekte Variabilität

Die fünf kreisförmigen Leuchten überzeugen durch ihre Regelmäßigkeit. Zur Auswahl stehen direktes oder direkt-indirektes Licht, das sanft durch ein in vier Farben erhältliches Gehäuse scheint. Vier Montagevarianten ergänzen die Palette der Variabilität





A wide selection, many possibilities
Three different diffusers in one housing

Rink

Round / Square C, S, P, F



Miękkie, bezcieniowe światło
Wyjątkowy efekt świetlny możliwy do uzyskania dzięki zastosowaniu trzech rodzajów dyfuzora. Innowacyjne zamocowanie dostępne w czterech wariantach montażu pozwala na zastosowanie plafonów w pomieszczeniach ogólnego zastosowania jak biura, hotele, szkoły, itd.

Soft, shadowless light
The unique light effect possible to obtain thanks to the use of three types of diffuser. Innovative mounting available in four variants, allows the use of ceilings in general-purpose rooms such as offices, hotels, schools, etc.

Weiches, schattenfreies Licht
Einzigartiger Lichteffect erzielt durch Verwendung von drei Arten Diffusoren. Innovative Befestigung - in vier Montagevarianten erhältlich - ermöglicht Verwendung von Rundleuchten in Mehrzweckräumen wie Büros, Hotels, Schulen, usw.



Rink

Round C, S, P, F

Rink Round C
Nabudowany / Ceiling / Anbau



Ø345 / Ø430 / Ø560 / Ø830 / Ø1110 mm

Rink Round P
Zwieszany / Suspended / Abgependelt



Ø345 / Ø430 / Ø560 / Ø830 / Ø1110 mm

Rink Round S
Zwieszany / Suspended / Abgependelt



Ø345 / Ø430 / Ø560 / Ø830 / Ø1110 mm

Rink Round F
Wbudowany z ramką / Frame / Einbau mit Rahmen



Ø361 / Ø446 / Ø576 / Ø846 / Ø1126 mm

Four mounting variants available in four colors.
Five diameters tailored to your needs.





Rink
Round C



Rink Round
C 830

Rink Round
C 430



Rink Round
C 345

Cechy | Features | Eigenschaften

LED	3000K 4000K	CRI>80	SDCM ≤ 3	50000h L80 B10	IP20	ON/OFF DALI	220 - 240V 50-60HZ		CE
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Colours:

PL
Montaż: nabudowany ściana/sufit .
Źródło światła: PCB LED, 3000K / 4000K, CRI> 80, MacAdam ≤ 3,50000h L80B10.
Moc oprawy: wersja high efficiency (HE), wersja high output (HO).
Dyfuzory: satyna, mikrokryształiczny, ciemny mikrokryształiczny.
Rozsył światła: bezpośredni, bezpośredni / pośredni.
Obudowa: wytłaczany profil aluminiowy malowany proszkowo.
Sterowanie: ON/OFF lub DALI.
Stopień ochrony: IP20

EN
Mounting: built-on wall / ceiling
Light source: PCB LED, 3000K / 4000K, CRI> 80, MacAdam ≤ 3,50000h L80B10.
Luminaire power: high efficiency (HE) version, high output (HO) version.
Diffusers: satin, microcrystal dark microcrystal.
Light distribution: direct, direct / indirect.
Housing: powder coated extruded aluminum profile.
Control: ON / OFF or DALI.
IP protection: IP20

DE
Installation: angebaut Wand/Decke.
Lichtquelle: PCB LED, 3000K / 4000K, CRI> 80, MacAdam ≤ 3,50000h L80B10.
Leuchtenleistung: hohe Effizienz (HE) Version, hohe Leistung (HO) Version.
Diffusor: satiniert, Microcrystale, dunkel Microcrystale.
Lichtverteilung: Direkt, Direkt/Indirekt.
Gehäuse: Aluminium-Strangpressprofil, pulverbeschichtet..
Steuerung: EIN-AUS oder DALI.
Schutzart : IP20

Rink Round C
DIRECT



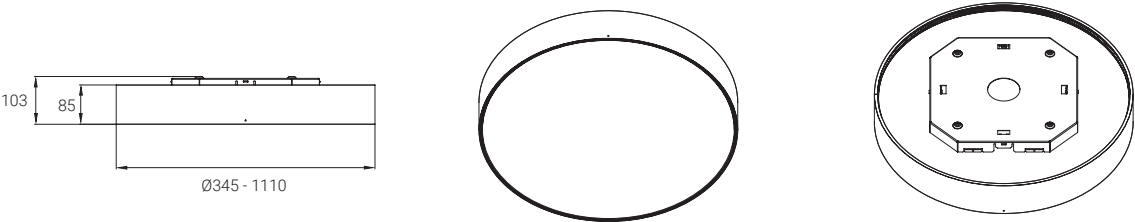
	Type	Dimensions	Power	Luminaire flux *			Code
				satine	microcrystal	dark microcrystal UGR<19	
Version with LED CC HE (High Efficiency)	Rinks Round C	Ø345 mm	7.9 W	1087 lm	1106 lm	676 lm	5.2101.01C1.fg6ij0
	Rinks Round C	Ø430 mm	15.3 W	2108 lm	2144 lm	1311 lm	5.2101.02C1.fg6ij0
	Rinks Round C	Ø560 mm	22.3 W	3081 lm	3133 lm	1915 lm	5.2101.03C1.fg6ij0
	Rinks Round C	Ø830 mm	47 W	6485 lm	6596 lm	4033 lm	5.2101.04C1.fg6ij0
	Rinks Round C	Ø1110 mm	87 W	11998 lm	12203 lm	7460 lm	5.2101.05C1.fg6ij0

Rink Round C
DIRECT/INDIRECT



	Type	Dimensions	Power	Luminaire flux *			Code
				satine	microcrystal	dark microcrystal UGR<19	
Version with LED CC HE (High Efficiency)	Rinks Round C	Ø345 mm	7.9 W	1065+22 lm	1084+22 lm	654+22 lm	5.2101.01B1.fg6ij0
	Rinks Round C	Ø430 mm	15.3 W	2066+42 lm	2102+42 lm	1269+42 lm	5.2101.02B1.fg6ij0
	Rinks Round C	Ø560 mm	22.3 W	3019+62 lm	3071+62 lm	1853+62 lm	5.2101.03B1.fg6ij0
	Rinks Round C	Ø830 mm	47 W	6354+131 lm	6465+131 lm	3902+131 lm	5.2101.04B1.fg6ij0
	Rinks Round C	Ø1110 mm	87 W	11757+241 lm	11962+241 lm	7219+241 lm	5.2101.05B1.fg6ij0
Version with LED CC HO (High Output)	Rinks Round C	Ø345 mm	13.5 W	1738+38 lm	1769+38 lm	1067+38 lm	5.2101.01B1.fg7ij0
	Rinks Round C	Ø430 mm	21 W	2701+58 lm	2748+58 lm	1657+58 lm	5.2101.02B1.fg7ij0
	Rinks Round C	Ø560 mm	31.6 W	4064+88 lm	4135+88 lm	2493+88 lm	5.2101.03B1.fg7ij0
	Rinks Round C	Ø830 mm	70.6 W	9069+196 lm	9228+196 lm	5565+196 lm	5.2101.04B1.fg7ij0
	Rinks Round C	Ø1110 mm	134.1 W	17235+372 lm	17537+372 lm	10576+372 lm	5.2101.05B1.fg7ij0

Strumień świetlny oprawy podany dla 4000K.
Fixture lumen output data refer to 4000K.
Lichtstrom der Leuchte spezifiziert für 4000K.



Driver	f	LED color	g	Diffuser	i	Finishing	j
ON/OFF	1	830	2	satine	1	white (RAL9016)	4
DALI	2	840	3	microcrystal	2	black (RAL9005)	5
				dark microcrystal	8	fog (RAL7038)	G
						graphite (RAL7024)	H



Rink
Round S



Rink Round
S 830

Rink Round
S 560

Cechy | Features | Eigenschaften

LED	3000K 4000K	CRI>80	SDCM ≤ 3	50000h L80 B10	IP20	ON/OFF DALI	220 - 240V 50-60HZ		CE
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Colours:

PL
Montaż: zwieszany
Źródło światła: PCB LED, 3000K / 4000K, CRI> 80, MacAdam ≤ 3,50000h L80B10.
Moc oprawy: wersja high efficiency (HE), wersja high output (HO).
Dyfuzory: satyna, mikrokryształiczny, ciemny mikrokryształiczny.
Rozsył światła: bezpośredni, bezpośredni / pośredni.
Obudowa: wytłaczany profil aluminiowy malowany proszkowo.
Sterowanie: ON/OFF lub DALI.
Stopień ochrony: IP20

EN
Mounting: suspended
Light source: PCB LED, 3000K / 4000K, CRI> 80, MacAdam ≤ 3,50000h L80B10.
Luminaire power: high efficiency (HE) version, high output (HO) version.
Diffusers: satin, microcrystal dark microcrystal.
Light distribution: direct, direct / indirect.
Housing: powder coated extruded aluminum profile.
Control: ON / OFF or DALI.
IP protection: IP20

DE
Installation: abgependelt
Lichtquelle: PCB LED, 3000K / 4000K, CRI> 80, MacAdam ≤ 3,50000h L80B10.
Leuchtenleistung: hohe Effizienz (HE) Version, hohe Leistung (HO) Version.
Diffusor: satiniert, Microcrystale, dunkel Microcrystale.
Lichtverteilung: Direkt, Direkt/Indirekt.
Gehäuse: Aluminium-Strangpressprofil, pulverbeschichtet..
Steuerung: EIN-AUS oder DALI.
Schutzart : IP20

Rink Round S
DIRECT



Version with
LED CC HE
(High Efficiency)

Type	Dimensions	Power	Luminaire flux *			Code
			satine	microcrystal	dark microcrystal UGR<19	
Rinks Round S	Ø345 mm	7.9 W	1087 lm	1106 lm	676 lm	5.2102.01D1.fg6i.j0
Rinks Round S	Ø430 mm	15.3 W	2108 lm	2144 lm	1311 lm	5.2102.02D1.fg6i.j0
Rinks Round S	Ø560 mm	22.3 W	3081 lm	3133 lm	1915 lm	5.2102.03D1.fg6i.j0
Rinks Round S	Ø830 mm	47 W	6485 lm	6596 lm	4033 lm	5.2102.04D1.fg6i.j0
Rinks Round S	Ø1110 mm	87 W	11998 lm	12203 lm	7460 lm	5.2102.05D1.fg6i.j0

Version with
LED CC HO
(High Output)

Rinks Round S	Ø345 mm	13.5 W	1776 lm	1807 lm	1105 lm	5.2102.01D1.fg7i.j0
Rinks Round S	Ø430 mm	21 W	2759 lm	2806 lm	1715 lm	5.2102.02D1.fg7i.j0
Rinks Round S	Ø560 mm	31.6 W	4152 lm	4223 lm	2581 lm	5.2102.03D1.fg7i.j0
Rinks Round S	Ø830 mm	70.6 W	9265 lm	9424 lm	5761 lm	5.2102.04D1.fg7i.j0
Rinks Round S	Ø1110 mm	134.1 W	17607 lm	17909 lm	10948 lm	5.2102.05D1.fg7i.j0

Rink Round S
DIRECT/INDIRECT



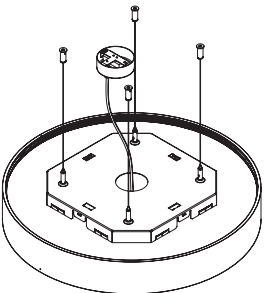
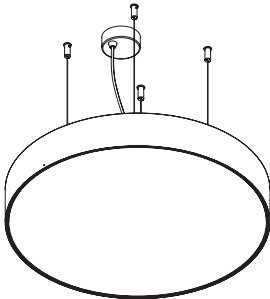
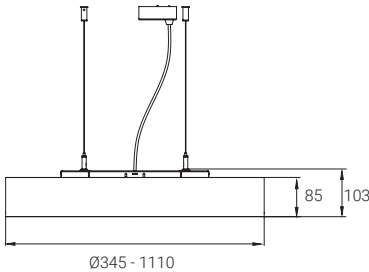
Version with
LED CC HE
(High Efficiency)

Type	Dimensions	Power	Luminaire flux *			Code
			satine	microcrystal	dark microcrystal UGR<19	
Rinks Round S	Ø345 mm	7.9+4.3 W	1087+619 lm	1106+619 lm	676+619 lm	5.2102.01I1.fg6i.j0
Rinks Round S	Ø430 mm	15.3+7.5 W	2108+1081 lm	2144+1081 lm	1311+1081 lm	5.2102.02I1.fg6i.j0
Rinks Round S	Ø560 mm	22.3+10.8 W	3081+1544 lm	3133+1544 lm	1915+1544 lm	5.2102.03I1.fg6i.j0
Rinks Round S	Ø830 mm	47+21.5 W	6485+3089 lm	6596+3089 lm	4033+3089 lm	5.2102.04I1.fg6i.j0
Rinks Round S	Ø1110 mm	87+38.8 W	11998+5563 lm	12203+5563 lm	7460+5563 lm	5.2102.05I1.fg6i.j0

Version with
LED CC HO
(High Output)

Rinks Round S	Ø345 mm	13.5+4.3 W	1776+619 lm	1807+619 lm	1105+619 lm	5.2102.01I1.fg7i.j0
Rinks Round S	Ø430 mm	21+7.5 W	2759+1081 lm	2806+1081 lm	1715+1081 lm	5.2102.02I1.fg7i.j0
Rinks Round S	Ø560 mm	31.6+10.8 W	4152+1544 lm	4223+1544 lm	2581+1544 lm	5.2102.03I1.fg7i.j0
Rinks Round S	Ø830 mm	70.6+21.5 W	9265+3089 lm	9424+3089 lm	5761+3089 lm	5.2102.04I1.fg7i.j0
Rinks Round S	Ø1110 mm	134.1+38.8W	17607+5563 lm	17909+5563 lm	10948+5563 lm	5.2102.05I1.fg7i.j0

Strumień świetlny oprawy podany dla 4000K.
Fixture lumen output data refer to 4000K.
Lichtstrom der Leuchte spezifiziert für 4000K.



Driver	f	LED color	g	Diffuser	i	Finishing	j
ON/OFF	1	830	2	satine	1	white (RAL9016)	4
DALI	2	840	3	microcrystal	2	black (RAL9005)	5
				dark microcrystal	8	fog (RAL7038)	G
						graphite (RAL7024)	H



Rink
Round P



Cechy | Features | Eigenschaften

LED	3000K 4000K	CRI>80	SDCM ≤ 3	50000h L80 B10	IP20	ON/OFF DALI	220 - 240V 50-60HZ		CE
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Colours:

PL
Montaż: zwieszany na sztywnym regulowanym uchwycie.
Źródło światła: PCB LED, 3000K / 4000K, CRI> 80, MacAdam ≤ 3,50000h L80B10.
Moc oprawy: wersja high efficiency (HE), wersja high output (HO).
Dyfuzory: satyna, mikrokryształiczny, ciemny mikrokryształiczny.
Rozsył światła: bezpośredni, pośredni / pośredni.

Obudowa: wytłaczany profil aluminiowy malowany proszkowo.
Sterowanie: ON/OFF lub DALI.
Stopień ochrony: IP20

EN
Mounting: suspended on rigid adjustable rod
Light source: PCB LED, 3000K / 4000K, CRI> 80, MacAdam ≤ 3,50000h L80B10.
Luminaire power: high efficiency (HE) version, high output (HO) version.
Diffusers: satin, microcrystal dark microcrystal.
Light distribution: direct, direct / indirect.
Housing: powder coated extruded aluminum profile.
Control: ON / OFF or DALI.
IP protection: IP20

DE
Installation: abgependelt montiert auf einer festen, verstellbaren Halterung.
Lichtquelle: PCB LED, 3000K / 4000K, CRI> 80, MacAdam ≤ 3,50000h L80B10.
Leuchtenleistung: hohe Effizienz (HE) Version, hohe Leistung (HO) Version.
Diffusor: satiniert, Microcrystale, dunkel Microcrystale.
Lichtverteilung: Direkt, Direkt/Indirekt.
Gehäuse: Aluminium-Strangpressprofil, pulverbeschichtet..
Steuerung: EIN-AUS oder DALI.
Schutzart : IP20

Rink Round P
DIRECT



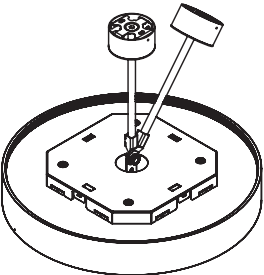
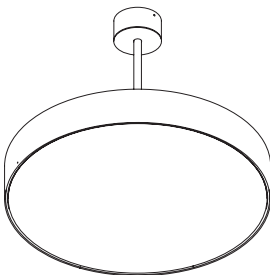
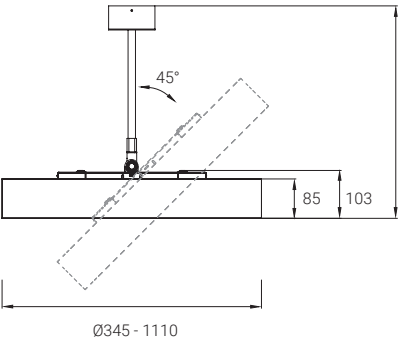
	Type	Dimensions	Power	Luminaire flux *			Code
				satine	microcrystal	dark microcrystal UGR<19	
Version with LED CC HE (High Efficiency)	Rinks Round P	Ø345 mm	7.9 W	1087 lm	1106 lm	676 lm	5.2105.01D1.fg6i.j0
	Rinks Round P	Ø430 mm	15.3 W	2108 lm	2144 lm	1311 lm	5.2105.02D1.fg6i.j0
	Rinks Round P	Ø560 mm	22.3 W	3081 lm	3133 lm	1915 lm	5.2105.03D1.fg6i.j0
	Rinks Round P	Ø830 mm	47 W	6485 lm	6596 lm	4033 lm	5.2105.04D1.fg6i.j0
	Rinks Round P	Ø1110 mm	87 W	11998 lm	12203 lm	7460 lm	5.2105.05D1.fg6i.j0
Version with LED CC HO (High Output)	Rinks Round P	Ø345 mm	13.5 W	1776 lm	1807 lm	1105 lm	5.2105.01D1.fg7i.j0
	Rinks Round P	Ø430 mm	21 W	2759 lm	2806 lm	1715 lm	5.2105.02D1.fg7i.j0
	Rinks Round P	Ø560 mm	31.6 W	4152 lm	4223 lm	2581 lm	5.2105.03D1.fg7i.j0
	Rinks Round P	Ø830 mm	70.6 W	9265 lm	9424 lm	5761 lm	5.2105.04D1.fg7i.j0
	Rinks Round P	Ø1110 mm	134.1 W	17607 lm	17909 lm	10948 lm	5.2105.05D1.fg7i.j0

Rink Round P
DIRECT/INDIRECT



	Type	Dimensions	Power	Luminaire flux *			Code
				satine	microcrystal	dark microcrystal UGR<19	
Version with LED CC HE (High Efficiency)	Rinks Round P	Ø345 mm	7.9+4.3 W	1087+619 lm	1106+619 lm	676+619 lm	5.2105.01I1.fg6i.j0
	Rinks Round P	Ø430 mm	15.3+7.5 W	2108+1081 lm	2144+1081 lm	1311+1081 lm	5.2105.02I1.fg6i.j0
	Rinks Round P	Ø560 mm	22.3+10.8 W	3081+1544 lm	3133+1544 lm	1915+1544 lm	5.2105.03I1.fg6i.j0
	Rinks Round P	Ø830 mm	47+21.5 W	6485+3089 lm	6596+3089 lm	4033+3089 lm	5.2105.04I1.fg6i.j0
	Rinks Round P	Ø1110 mm	87+38.8 W	11998+5563 lm	12203+5563 lm	7460+5563 lm	5.2105.05I1.fg6i.j0
Version with LED CC HO (High Output)	Rinks Round P	Ø345 mm	13.5+4.3 W	1776+619 lm	1807+619 lm	1105+619 lm	5.2105.01I1.fg7i.j0
	Rinks Round P	Ø430 mm	21+7.5 W	2759+1081 lm	2806+1081 lm	1715+1081 lm	5.2105.02I1.fg7i.j0
	Rinks Round P	Ø560 mm	31.6+10.8 W	4152+1544 lm	4223+1544 lm	2581+1544 lm	5.2105.03I1.fg7i.j0
	Rinks Round P	Ø830 mm	70.6+21.5 W	9265+3089 lm	9424+3089 lm	5761+3089 lm	5.2105.04I1.fg7i.j0
	Rinks Round P	Ø1110 mm	134.1+38.8W	17607+5563 lm	17909+5563 lm	10948+5563 lm	5.2105.05I1.fg7i.j0

Strumień świetlny oprawy podany dla 4000K.
Fixture lumen output data refer to 4000K.
Lichtstrom der Leuchte spezifiziert für 4000K.

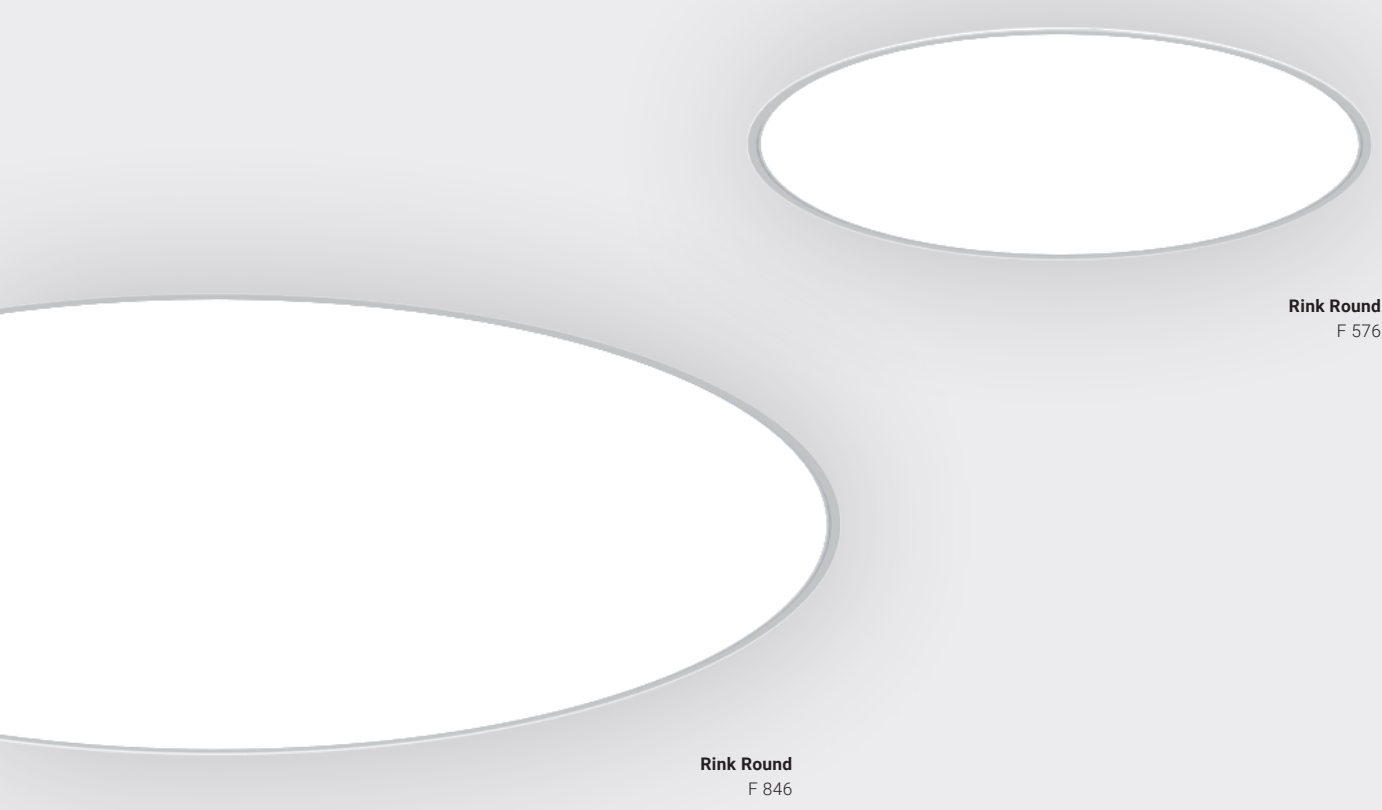


Driver	f	LED color	g	Diffuser	i	Finishing	j
ON/OFF	1	830	2	satine	1	white (RAL9016)	4
DALI	2	840	3	microcrystal	2	black (RAL9005)	5
				dark microcrystal	8	fog (RAL7038)	G
						graphite (RAL7024)	H





Rink
Round F



Cechy | Features | Eigenschaften

LED	3000K 4000K	CRI>80	SDCM ≤ 3	50000h L80 B10	IP20	ON/OFF DALI	220 - 240V 50-60HZ		
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Colours:

PL
Montaż: wbudowany z ramką.
Źródło światła: PCB LED, 3000K / 4000K, CRI> 80, MacAdam ≤ 3,50000h L80B10.
Moc oprawy: wersja high efficiency (HE), wersja high output (HO).
Dyfuzory: satyna, mikrokryształiczny, ciemny mikrokryształiczny.
Rozsył światła: bezpośredni
Obudowa: wytłaczany profil aluminiowy malowany proszkowo.
Sterowanie: ON/OFF lub DALI.
Stopień ochrony: IP20

EN
Mounting: recessed with a frame.
Light source: PCB LED, 3000K / 4000K, CRI> 80, MacAdam ≤ 3,50000h L80B10.
Luminaire power: high efficiency (HE) version, high output (HO) version.
Diffusers: satin, microcrystal dark microcrystal.
Light distribution: direct
Housing: powder coated extruded aluminum profile.
Control: ON / OFF or DALI.
IP protection: IP20

DE
Installation: Eingebaut mit Rahmen.
Lichtquelle: PCB LED, 3000K / 4000K, CRI> 80, MacAdam ≤ 3,50000h L80B10.
Leuchtenleistung: hohe Effizienz (HE) Version, hohe Leistung (HO) Version.
Diffusor: satiniert, Microcrystale, dunkel Microcrystale.
Lichtverteilung: Direkt.
Gehäuse: Aluminium-Strangpressprofil, pulverbeschichtet..
Steuerung: EIN-AUS oder DALI.
Schutzart : IP20

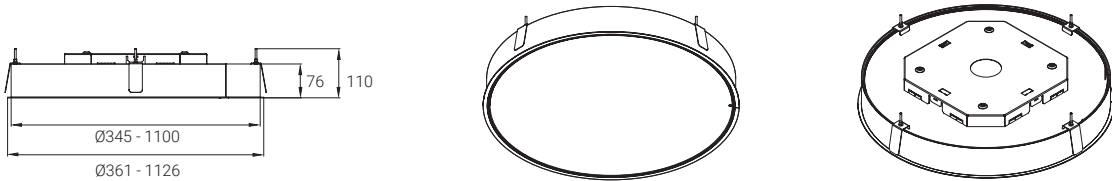
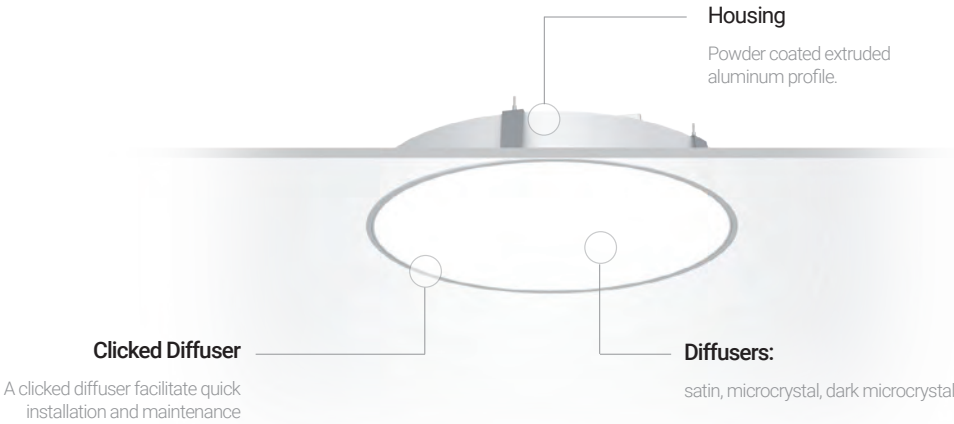
Rink Round F
DIRECT



	Type	Dimensions	Power	Luminaire flux *			Code
				satine	microcrystal	dark microcrystal UGR<19	
Version with LED CC HE (High Efficiency)	Rinks Round F	Ø361 mm	7.9 W	1087 lm	1106 lm	676 lm	5.2103.01F1.fg6ij0
	Rinks Round F	Ø446 mm	15.3 W	2108 lm	2144 lm	1311 lm	5.2103.02F1.fg6ij0
	Rinks Round F	Ø576 mm	22.3 W	3081 lm	3133 lm	1915 lm	5.2103.03F1.fg6ij0
	Rinks Round F	Ø846 mm	47 W	6485 lm	6596 lm	4033 lm	5.2103.04F1.fg6ij0
	Rinks Round F	Ø1126 mm	87 W	11998 lm	12203 lm	7460 lm	5.2103.05F1.fg6ij0
Version with LED CC HO (High Output)	Rinks Round F	Ø361 mm	13.5 W	1776 lm	1807 lm	1105 lm	5.2103.01F1.fg7ij0
	Rinks Round F	Ø446 mm	21 W	2759 lm	2806 lm	1715 lm	5.2103.02F1.fg7ij0
	Rinks Round F	Ø576 mm	31.6 W	4152 lm	4223 lm	2581 lm	5.2103.03F1.fg7ij0
	Rinks Round F	Ø846 mm	70.6 W	9265 lm	9424 lm	5761 lm	5.2103.04F1.fg7ij0
	Rinks Round F	Ø1126 mm	134.1 W	17607 lm	17909 lm	10948 lm	5.2103.05F1.fg7ij0

Ø - 10 mm | Hmin = 130 mm

Strumień świetlny oprawy podany dla 4000K.
Fixture lumen output data refer to 4000K.
Lichtstrom der Leuchte spezifiziert für 4000K.



Driver	f	LED color	g	Diffuser	i	Finishing	j
ON/OFF	1	830	2	satine	1	white (RAL9016)	4
DALI	2	840	3	microcrystal	2	black (RAL9005)	5
				dark microcrystal	8	fog (RAL7038)	G
						graphite (RAL7024)	H





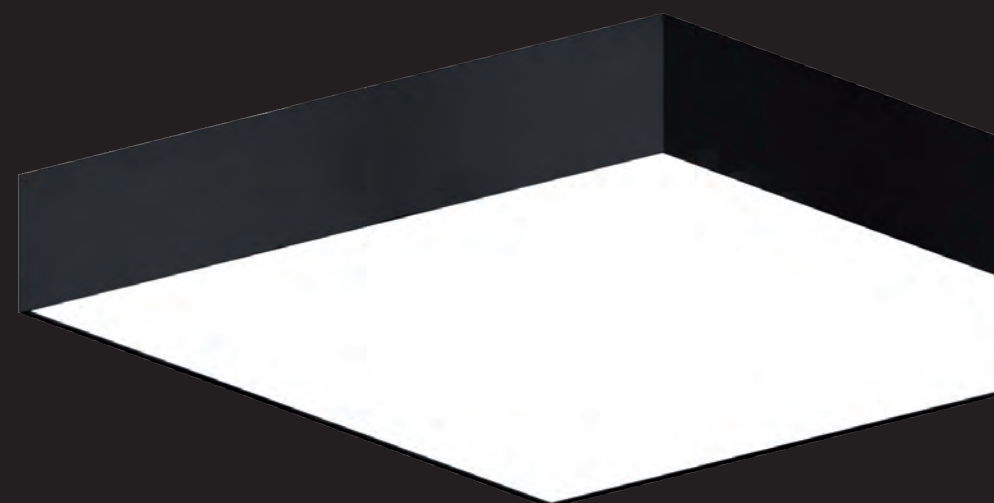


Rink

Sqaure C, S, P, F



Rink Sqaure
S 430 x 430



Rink Sqaure
C 560 x 560

Minimalistyczne wzornictwo

Seria "Rink " przekonuje minimalistycznym wzornictwem, nowoczesną technologią LED i szczególnie łatwym montażem. Korpus jest magnetycznie połączony z podstawą. Różnorodne kombinacje opraw Rink wpływają na możliwość zastosowania w niemal każdym pomieszczeniu. Szeroki wybór wzbogacają trzy dyfuzory, wiele rozmiarów i kolorów obudowy oraz cztery opcje montażu.

Minimalist design

The Rink series of luminaires convinces with its minimalist design, modern LED technology and an exceptionally easy installation. The body is magnetic connected to the base. The variety of combinations will be framed for the possibility of use in almost any place. The wide selection is enriched by three diffusers, many sizes and colors and four mounting options.

Minimalistisches Design

Die Leuchtenserie "Rink" überzeugt durch ihr minimalistisches Design, moderne LED-Technik und eine besonders einfache Installation. Der geschlossene Körper der Leuchte ist magnetisch mit dem Sockel verbunden, was die Installation vor Ort sehr einfach macht. Mit einer Auswahl von drei Abdeckungen, mehreren Gehäusegrößen und -farben und vier verschiedenen Montagemöglichkeiten bieten die Rink-Leuchten eine Vielzahl von Kombinationsmöglichkeiten für nahezu jede Anwendung.

Rink

Square C, S, P, F

Rink Square C
Nabudowany / Ceiling / Anbau



300 x 300 | 430 x 430
560 x 560 | 830 x 830 | 1110 x 1110 mm

Rink Square P
Zwieszany / Suspended / Abgependelt



300 x 300 | 430 x 430
560 x 560 | 830 x 830 | 1110 x 1110 mm

Rink Square S
Zwieszany / Suspended / Abgependelt



300 x 300 | 430 x 430
560 x 560 | 830 x 830 | 1110 x 1110 mm

Rink Sqaure F
Wbudowany z ramką / Frame / Einbau mit Rahmen

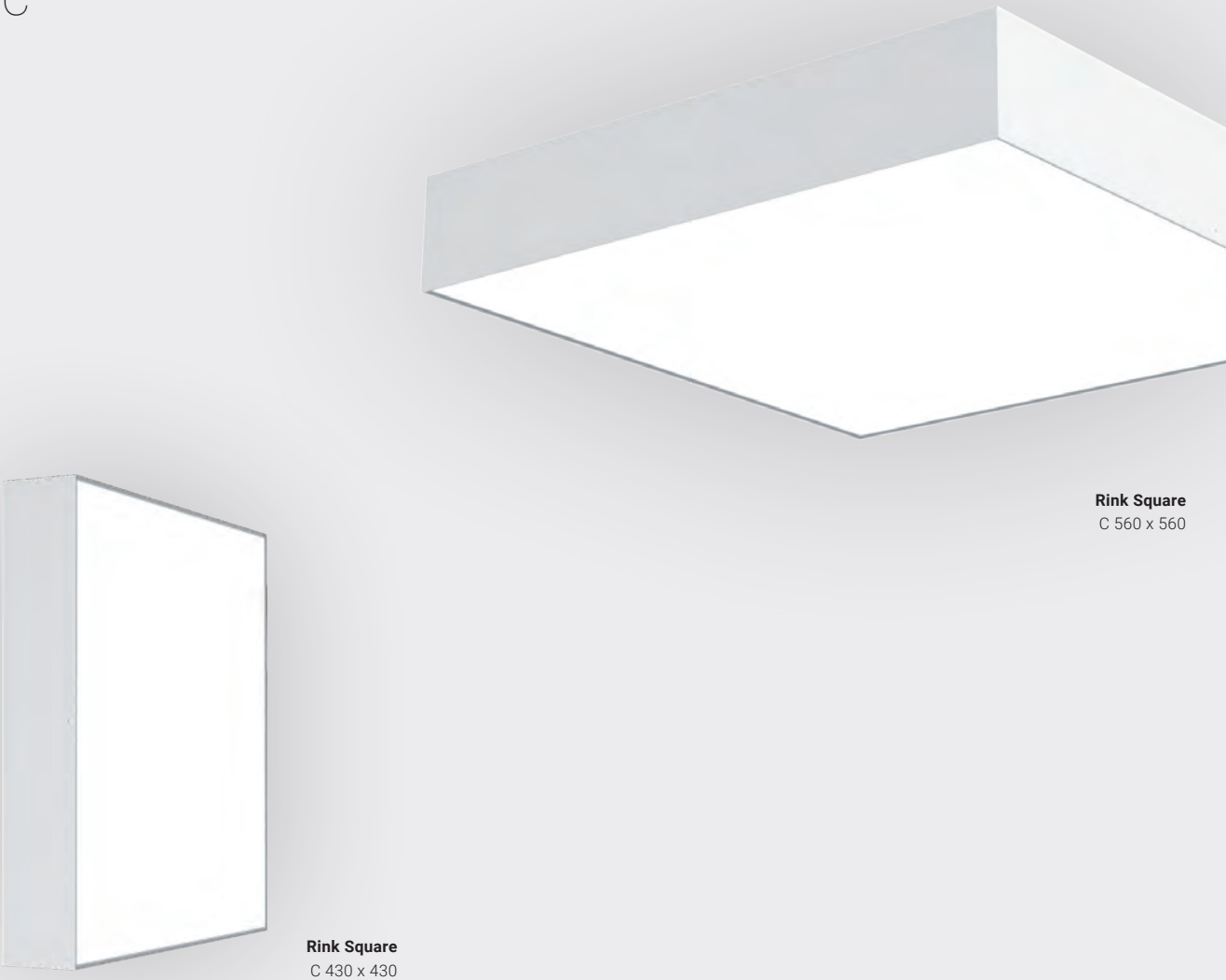


316 x 316 | 446 x 446
576 x 576 | 846 x 846 | 1126 x 1126 mm

Four mounting variants available in four colors.
Five diameters tailored to your needs.



Rink
Square C



Cechy | Features | Eigenschaften

Table with technical specifications: LED, 3000K/4000K, CRI>80, SDCM ≤ 3, 50000h L80 B10, IP20, ON/OFF DALI, 220-240V 50-60HZ, CE mark.

Colours: [Color swatches]

PL
Montaż: nabudowany ściana/sufit.
Źródło światła: PCB LED, 3000K / 4000K, CRI> 80, MacAdam ≤ 3,50000h L80B10.
Moc oprawy: wersja high efficiency (HE), wersja high output (HO).
Dyfuzory: satyna, mikrokryształiczny, ciemny mikrokryształiczny.
Rozsył światła: bezpośredni, pośredni.
Obudowa: wytłaczany profil aluminiowy malowany proszkowo.
Sterowanie: ON/OFF lub DALI.
Stopień ochrony: IP20

EN
Mounting: built-on wall / ceiling
Light source: PCB LED, 3000K / 4000K, CRI> 80, MacAdam ≤ 3,50000h L80B10.
Luminaire power: high efficiency (HE) version, high output (HO) version.
Diffusers: satin, microcrystal dark microcrystal.
Light distribution: direct, direct / indirect.
Housing: powder coated extruded aluminum profile.
Control: ON / OFF or DALI.
IP protection: IP20

DE
Installation: angebaut Wand/Decke.
Lichtquelle: PCB LED, 3000K / 4000K, CRI> 80, MacAdam ≤ 3,50000h L80B10.
Leuchtenleistung: hohe Effizienz (HE) Version, hohe Leistung (HO) Version.
Diffusor: satiniert, Microcrystale, dunkel Microcrystale.
Lichtverteilung: Direkt, Direkt/Indirekt.
Gehäuse: Aluminium-Strangpressprofil, pulverbeschichtet..
Steuerung: EIN-AUS oder DALI.
Schutzart : IP20

Rink Sqaure C
DIRECT



Table with 8 columns: Type, Dimensions, Power, Luminaire flux * (satine, microcrystal, dark microcrystal UGR<19), Code. Rows include Version with LED CC HE (High Efficiency) and Version with LED CC HO (High Output).

Rink Sqaure C
DIRECT/INDIRECT



Table with 8 columns: Type, Dimensions, Power, Luminaire flux * (satine, microcrystal, dark microcrystal UGR<19), Code. Rows include Version with LED CC HE (High Efficiency) and Version with LED CC HO (High Output).

Strumień świetlny oprawy podany dla 4000K.
Fixture lumen output data refer to 4000K.
Lichtstrom der Leuchte spezifiziert für 4000K.

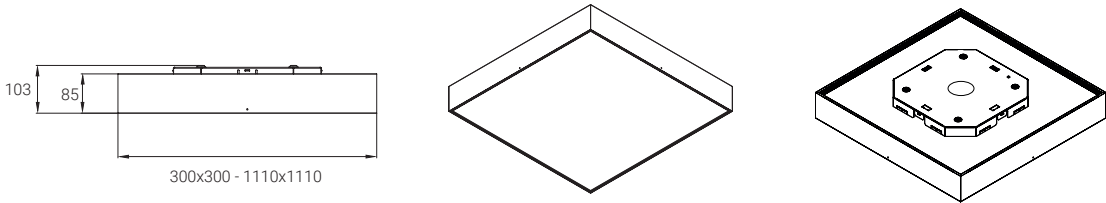


Table with 8 columns: Driver, f, LED color, g, Diffuser, i, Finishing, j. Rows show options for ON/OFF, DALI, LED colors (830, 840), diffusers (satine, microcrystal, dark microcrystal), and finishing (white, black, fog, graphite).



Rink
Square S



Rink Sqaure
S 300 x 300

Rink Sqaure
S 560 x 560

Cechy | Features | Eigenschaften

LED	3000K 4000K	CRI>80	SDCM ≤ 3	50000h L80 B10	IP20	ON/OFF DALI	220 - 240V 50-60HZ		CE
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Colours:

PL
Montaż: zwieszany
Źródło światła: PCB LED, 3000K / 4000K, CRI> 80, MacAdam ≤ 3,50000h L80B10.
Moc oprawy: wersja high efficiency (HE), wersja high output (HO).
Dyfuzory: satyna, mikrokryształiczny, ciemny mikrokryształiczny.
Rozsył światła: bezpośredni, pośredni / pośredni.
Obudowa: wytłaczany profil aluminiowy malowany proszkowo.
Sterowanie: ON/OFF lub DALI.
Stopień ochrony: IP20

EN
Mounting: suspended
Light source: PCB LED, 3000K / 4000K, CRI> 80, MacAdam ≤ 3,50000h L80B10.
Luminaire power: high efficiency (HE) version, high output (HO) version.
Diffusers: satin, microcrystal dark microcrystal.
Light distribution: direct, direct / indirect.
Housing: powder coated extruded aluminum profile.
Control: ON / OFF or DALI.
IP protection: IP20

DE
Installation: abgependelt
Lichtquelle: PCB LED, 3000K / 4000K, CRI> 80, MacAdam ≤ 3,50000h L80B10.
Leuchtenleistung: hohe Effizienz (HE) Version, hohe Leistung (HO) Version.
Diffusor: satiniert, Microcrystale, dunkel Microcrystale.
Lichtverteilung: Direkt, Direkt/Indirekt.
Gehäuse: Aluminium-Strangpressprofil, pulverbeschichtet..
Steuerung: EIN-AUS oder DALI.
Schutzart : IP20

Rink Sqaure S
DIRECT



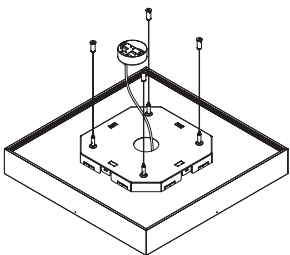
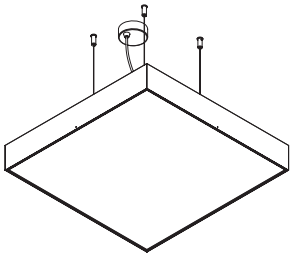
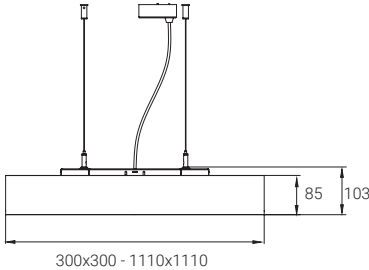
	Type	Dimensions	Power	Luminaire flux *			Code
				satine	microcrystal	dark microcrystal UGR<19	
Version with LED CC HE (High Efficiency)	Rinks Sqaure S	300x300 mm	8.4 W	1158 lm	1178 lm	720 lm	5.2112.01D1.fg6i.j0
	Rinks Sqaure S	430x430 mm	15 W	2063 lm	2098 lm	1283 lm	5.2112.02D1.fg6i.j0
	Rinks Sqaure S	560x560 mm	23.5 W	3243 lm	3298 lm	2016 lm	5.2112.03D1.fg6i.j0
	Rinks Sqaure S	830x830 mm	46.6 W	6431 lm	6542 lm	3999 lm	5.2112.04D1.fg6i.j0
	Rinks Sqaure S	1110x1110 mm	87.4 W	12044 lm	12251 lm	7489 lm	5.2112.05D1.fg6i.j0
Version with LED CC HO (High Output)	Rinks Sqaure S	300x300 mm	13.2 W	1734 lm	1764 lm	1078 lm	5.2112.01D1.fg7i.j0
	Rinks Sqaure S	430x430 mm	20 W	2625 lm	2670 lm	1632 lm	5.2112.02D1.fg7i.j0
	Rinks Sqaure S	560x560 mm	32.3 W	4244 lm	4317 lm	2639 lm	5.2112.03D1.fg7i.j0
	Rinks Sqaure S	830x830 mm	74.9 W	9840 lm	10008 lm	6118 lm	5.2112.04D1.fg7i.j0
	Rinks Sqaure S	1110x1110 mm	135.2 W	17753 lm	18057 lm	11039 lm	5.2112.05D1.fg7i.j0

Rink Sqaure S
DIRECT/INDIRECT



	Type	Dimensions	Power	Luminaire flux *			Code
				satine	microcrystal	dark microcrystal UGR<19	
Version with LED CC HE (High Efficiency)	Rinks Sqaure S	300x300 mm	8.4+4.3 W	1158+619 lm	1178+619 lm	720+619 lm	5.2112.01I1.fg6i.j0
	Rinks Sqaure S	430x430 mm	15+7.5 W	2063+1081 lm	2098+1081 lm	1283+1081 lm	5.2112.02I1.fg6i.j0
	Rinks Sqaure S	560x560 mm	23.5+10.8 W	3243+1544 lm	3298+1544 lm	2016+1544 lm	5.2112.03I1.fg6i.j0
	Rinks Sqaure S	830x830 mm	46.6+21.5 W	6431+3089 lm	6542+3089 lm	3999+3089 lm	5.2112.04I1.fg6i.j0
	Rinks Sqaure S	1110x1110 mm	87.4+38.8 W	12044+5563 lm	12251+5563 lm	7489+5563 lm	5.2112.05I1.fg6i.j0
Version with LED CC HO (High Output)	Rinks Sqaure S	300x300 mm	13.2+4.3 W	1734+619 lm	1764+619 lm	1078+619 lm	5.2112.01I1.fg7i.j0
	Rinks Sqaure S	430x430 mm	20+7.5 W	2625+1081 lm	2670+1081 lm	1632+1081 lm	5.2112.02I1.fg7i.j0
	Rinks Sqaure S	560x560 mm	32.3+10.8 W	4244+1544 lm	4317+1544 lm	2639+1544 lm	5.2112.03I1.fg7i.j0
	Rinks Sqaure S	830x830 mm	74.9+21.5 W	9840+3089 lm	10008+3089 lm	6118+3089 lm	5.2112.04I1.fg7i.j0
	Rinks Sqaure S	1110x1110 mm	135.2+38.8 W	17753+5563 lm	18057+5563 lm	11039+5563 lm	5.2112.05I1.fg7i.j0

Strumień świetlny oprawy podany dla 4000K.
Fixture lumen output data refer to 4000K.
Lichtstrom der Leuchte spezifiziert für 4000K.



Driver	f	LED color	g	Diffuser	i	Finishing	j
ON/OFF	1	830	2	satine	1	white (RAL9016)	4
DALI	2	840	3	microcrystal	2	black (RAL9005)	5
				dark microcrystal	8	fog (RAL7038)	G
						graphite (RAL7024)	H





Rink
Square P



Rink Sqaure
P 300x300



Rink Sqaure
P 560x560

Cechy | Features | Eigenschaften

LED	3000K 4000K	CRI>80	SDCM ≤ 3	50000h L80 B10	IP20	ON/OFF DALI	220 - 240V 50-60HZ		CE
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Colours:

PL
Montaż: zwieszany na sztywnym regulowanym uchwycie.
Źródło światła: PCB LED, 3000K / 4000K, CRI> 80, MacAdam ≤ 3,50000h L80B10.
Moc oprawy: wersja high efficiency (HE), wersja high output (HO).
Dyfuzory: satyna, mikrokrystaliczny, ciemny mikrokrystaliczny.
Rozsył światła: bezpośredni, pośredni / pośredni.

Obudowa: wytłaczany profil aluminiowy malowany proszkowo.
Sterowanie: ON/OFF lub DALI.
Stopień ochrony: IP20

EN
Mounting: suspended on rigid adjustable rod
Light source: PCB LED, 3000K / 4000K, CRI> 80, MacAdam ≤ 3,50000h L80B10.
Luminaire power: high efficiency (HE) version, high output (HO) version.
Diffusers: satin, microcrystal dark microcrystal.
Light distribution: direct, direct / indirect.
Housing: powder coated extruded aluminum profile.
Control: ON / OFF or DALI.
IP protection: IP20

DE
Installation: abgependelt montiert auf einer festen, verstellbaren Halterung.
Lichtquelle: PCB LED, 3000K / 4000K, CRI> 80, MacAdam ≤ 3,50000h L80B10.
Leuchtenleistung: hohe Effizienz (HE) Version, hohe Leistung (HO) Version.
Diffusor: satiniert, Microcrystale, dunkel Microcrystale.
Lichtverteilung: Direkt, Direkt/Indirekt.
Gehäuse: Aluminium-Strangpressprofil, pulverbeschichtet..
Steuerung: EIN-AUS oder DALI.
Schutzart : IP20

Rink Sqaure P
DIRECT



	Type	Dimensions	Power	Luminaire flux *			Code
				satine	microcrystal	dark microcrystal UGR<19	
Version with LED CC HE (High Efficiency)	Rinks Sqaure P	300x300 mm	8.4 W	1158 lm	1178 lm	720 lm	5.2115.01D1.fg6i.j0
	Rinks Sqaure P	430x430 mm	15 W	2063 lm	2098 lm	1283 lm	5.2115.02D1.fg6i.j0
	Rinks Sqaure P	560x560 mm	23.5 W	3243 lm	3298 lm	2016 lm	5.2115.03D1.fg6i.j0
	Rinks Sqaure P	830x830 mm	46.6 W	6431 lm	6542 lm	3999 lm	5.2115.04D1.fg6i.j0
	Rinks Sqaure P	1110x1110 mm	87.4 W	12044 lm	12251 lm	7489 lm	5.2115.05D1.fg6i.j0



Version with LED CC HO (High Output)	Rinks Sqaure P	300x300 mm	13.2 W	1734 lm	1764 lm	1078 lm	5.2115.01D1.fg7i.j0
	Rinks Sqaure P	430x430 mm	20 W	2625 lm	2670 lm	1632 lm	5.2115.02D1.fg7i.j0
	Rinks Sqaure P	560x560 mm	32.3 W	4244 lm	4317 lm	2639 lm	5.2115.03D1.fg7i.j0
	Rinks Sqaure P	830x830 mm	74.9 W	9840 lm	10008 lm	6118 lm	5.2115.04D1.fg7i.j0
	Rinks Sqaure P	1110x1110 mm	135.2 W	17753 lm	18057 lm	11039 lm	5.2115.05D1.fg7i.j0

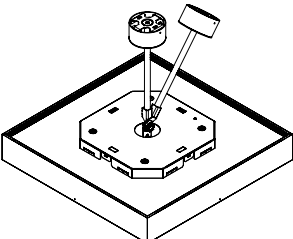
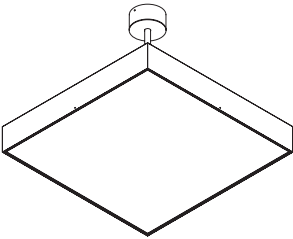
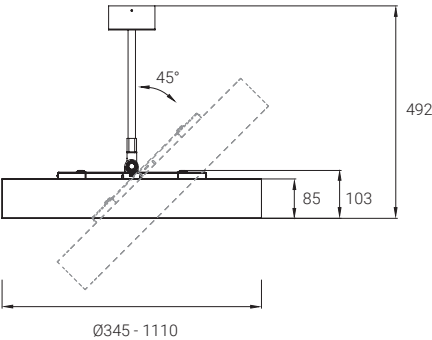
Rink Sqaure P
DIRECT/INDIRECT



	Type	Dimensions	Power	Luminaire flux *			Code
				satine	microcrystal	dark microcrystal UGR<19	
Version with LED CC HE (High Efficiency)	Rinks Sqaure P	300x300 mm	8.4+4.3 W	1158+619 lm	1178+619 lm	720+619 lm	5.2115.01i1.fg6i.j0
	Rinks Sqaure P	430x430 mm	15+7.5 W	2063+1081 lm	2098+1081 lm	1283+1081 lm	5.2115.02i1.fg6i.j0
	Rinks Sqaure P	560x560 mm	23.5+10.8 W	3243+1544 lm	3298+1544 lm	2016+1544 lm	5.2115.03i1.fg6i.j0
	Rinks Sqaure P	830x830 mm	46.6+21.5 W	6431+3089 lm	6542+3089 lm	3999+3089 lm	5.2115.04i1.fg6i.j0
	Rinks Sqaure P	1110x1110 mm	87.4+38.8 W	12044+5563 lm	12251+5563 lm	7489+5563 lm	5.2115.05i1.fg6i.j0

Version with LED CC HO (High Output)	Rinks Sqaure P	300x300 mm	13.2+4.3 W	1734+619 lm	1764+619 lm	1078+619 lm	5.2115.01i1.fg7i.j0
	Rinks Sqaure P	430x430 mm	20+7.5 W	2625+1081 lm	2670+1081 lm	1632+1081 lm	5.2115.02i1.fg7i.j0
	Rinks Sqaure P	560x560 mm	32.3+10.8 W	4244+1544 lm	4317+1544 lm	2639+1544 lm	5.2115.03i1.fg7i.j0
	Rinks Sqaure P	830x830 mm	74.9+21.5 W	9840+3089 lm	10008+3089 lm	6118+3089 lm	5.2115.04i1.fg7i.j0
	Rinks Sqaure P	1110x1110 mm	135.2+38.8 W	17753+5563 lm	18057+5563 lm	11039+5563 lm	5.2115.05i1.fg7i.j0

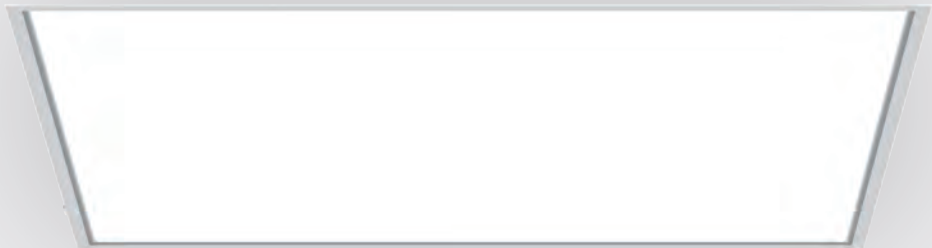
Strumień świetlny oprawy podany dla 4000K.
Fixture lumen output data refer to 4000K.
Lichtstrom der Leuchte spezifiziert für 4000K.



Driver	f	LED color	g	Diffuser	i	Finishing	j
ON/OFF	1	830	2	satine	1	white (RAL9016)	4
DALI	2	840	3	microcrystal	2	black (RAL9005)	5
				dark microcrystal	8	fog (RAL7038)	G
						graphite (RAL7024)	H



Rink
Square F



Rink Sqaure
F 576 x 576



Rink Sqaure
F 316 x 316

Cechy | Features | Eigenschaften

LED	3000K 4000K	CRI>80	SDCM ≤ 3	50000h L80 B10	IP20	ON/OFF DALI	220 - 240V 50-60HZ		
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Colours:

PL
Montaż: wbudowany z ramką.
Źródło światła: PCB LED, 3000K / 4000K, CRI> 80, MacAdam ≤ 3,50000h L80B10.
Moc oprawy: wersja high efficiency (HE), wersja high output (HO).
Dyfuzory: satyna, mikrokryształiczny, ciemny mikrokryształiczny.
Rozsył światła: bezpośredni
Obudowa: wytłaczany profil aluminiowy malowany proszkowo.
Sterowanie: ON/OFF lub DALI.
Stopień ochrony: IP20

EN
Mounting: recessed with a frame.
Light source: PCB LED, 3000K / 4000K, CRI> 80, MacAdam ≤ 3,50000h L80B10.
Luminaire power: high efficiency (HE) version, high output (HO) version.
Diffusers: satin, microcrystal dark microcrystal.
Light distribution: direct
Housing: powder coated extruded aluminum profile.
Control: ON / OFF or DALI.
IP protection: IP20

DE
Installation: Eingebaut mit Rahmen.
Lichtquelle: PCB LED, 3000K / 4000K, CRI> 80, MacAdam ≤ 3,50000h L80B10.
Leuchtenleistung: hohe Effizienz (HE) Version, hohe Leistung (HO) Version.
Diffusor: satiniert, Microcrystale, dunkel Microcrystale.
Lichtverteilung: Direkt.
Gehäuse: Aluminium-Strangpressprofil, pulverbeschichtet..
Steuerung: EIN-AUS oder DALI.
Schutzart : IP20

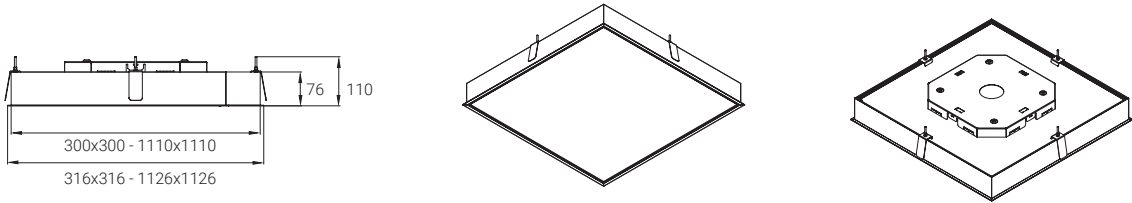
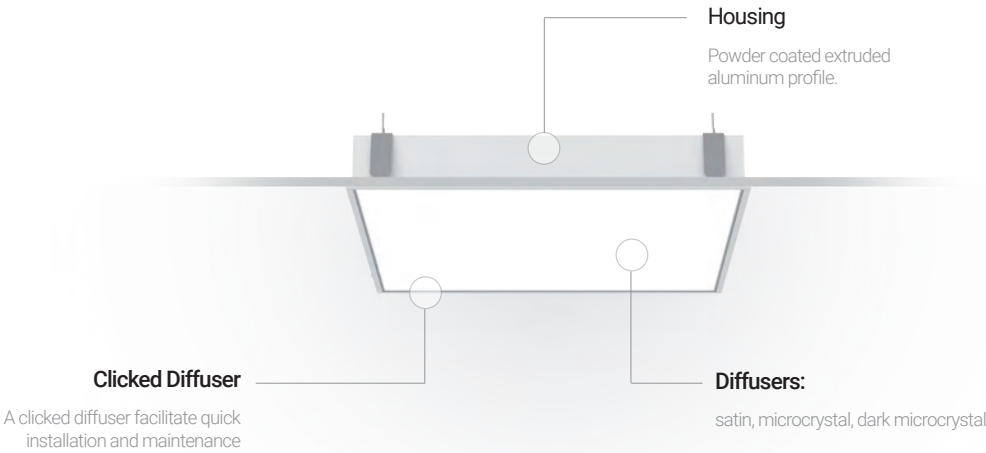
Rink Sqaure F
DIRECT



	Type	Dimensions	Power	Luminaire flux *			Code
				satine	microcrystal	dark microcrystal UGR<19	
Version with LED CC HE (High Efficiency)	Rinks Sqaure F	316x316 mm	8.4 W	1158 lm	1178 lm	720 lm	5.2113.01F1.fg6ij0
	Rinks Sqaure F	446x446 mm	15 W	2063 lm	2098 lm	1283 lm	5.2113.02F1.fg6ij0
	Rinks Sqaure F	576x576 mm	23.5 W	3243 lm	3298 lm	2016 lm	5.2113.03F1.fg6ij0
	Rinks Sqaure F	846x846 mm	46.6 W	6431 lm	6542 lm	3999 lm	5.2113.04F1.fg6ij0
	Rinks Sqaure F	1126x1126 mm	87.4 W	12044 lm	12251 lm	7489 lm	5.2113.05F1.fg6ij0
Version with LED CC HO (High Output)	Rinks Sqaure F	316x316 mm	13.2 W	1734 lm	1764 lm	1078 lm	5.2113.01F1.fg7ij0
	Rinks Sqaure F	446x446 mm	20 W	2625 lm	2670 lm	1632 lm	5.2113.02F1.fg7ij0
	Rinks Sqaure F	576x576 mm	32.3 W	4244 lm	4317 lm	2639 lm	5.2113.03F1.fg7ij0
	Rinks Sqaure F	846x846 mm	74.9 W	9840 lm	10008 lm	6118 lm	5.2113.04F1.fg7ij0
	Rinks Sqaure F	1126x1126 mm	135.2 W	17753 lm	18057 lm	11039 lm	5.2113.05F1.fg7ij0

L1 - 10 x L2 - 10 mm | Hmin = 130 mm

Strumień świetlny oprawy podany dla 4000K.
Fixture lumen output data refer to 4000K.
Lichtstrom der Leuchte spezifiziert für 4000K.



Driver	f	LED color	g	Diffuser	i	Finishing	j
ON/OFF	1	830	2	satine	1	white (RAL9016)	4
DALI	2	840	3	microcrystal	2	black (RAL9005)	5
				dark microcrystal	8	fog (RAL7038)	G
						graphite (RAL7024)	H

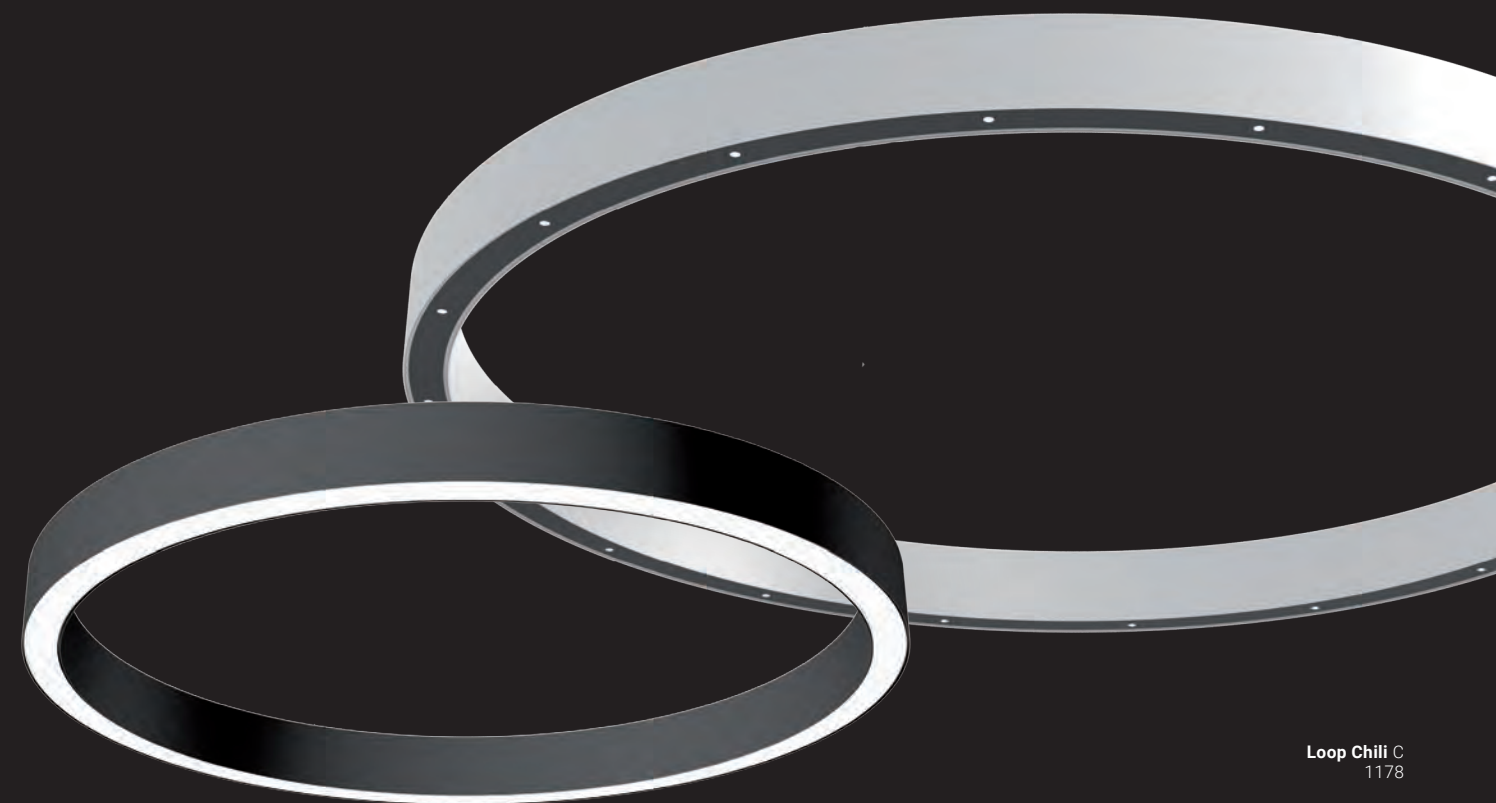






Loop

Line, Chili



Loop Line C
896

Loop Chili C
1178

Profile gięte z dyfuzorem satynowym, mikrokryształowym, ciemnym mikrokryształowym, mikropryzmatycznym lub oświetleniem punktowym CHILI.

Specjalna optyka LFO zapewnia komfortowe i miękkie światło przy bardzo dobrych współczynnikach ograniczenia ośnienia. Jedenaście rozmiarów (od 60 cm do 6 metrów średnicy) dostępne w różnych kolorach i kilka krzywych koła, połącz je ze sobą i stwórz coś wyjątkowego w swoim rodzaju.

Curved profiles with satin, microcrystal, dark microcrystal, microprismatic diffusers or CHILI spots.

Special LFO optics provide comfortable and soft light with very good glare limitation factors. Eleven sizes (from 60 cm to 6 meters in diameter) available in different colors and a several curves of the circle, connect them together and create something one of a kind.

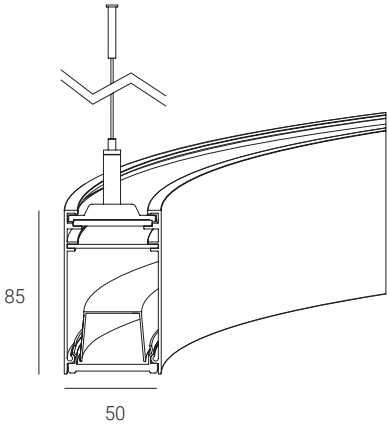
Gebogene Profile mit der Abdeckung: satiniert, Microcrystale, dunkel Microcrystale, Mikroprisma oder CHILI-Strahler.

Die spezielle LFO-Optik sorgt für angenehmes und weiches Licht mit sehr niedrigen Blendungsfaktor. Elf Größen (von 60 cm bis 6 Meter Durchmesser) in verschiedenen Farben und mehreren Kreisbögen stehen zur Verfügung. Kombinieren Sie sie miteinander und schaffen Sie etwas Einzigartiges in seiner Art.



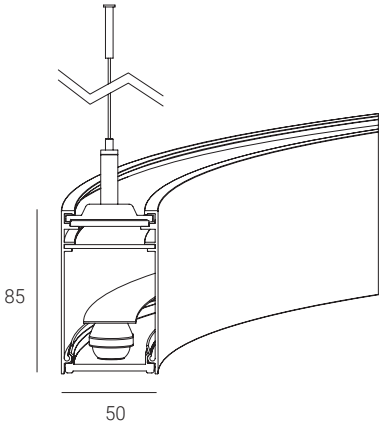
Loop Line

Nabudowany / Ceiling build-on / Deckenbefestigung
Zwieszany / Suspended / Abgehängt



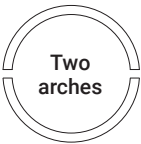
Loop Chili

Nabudowany / Ceiling build-on / Deckenbefestigung
Zwieszany / Suspended / Abgehängt



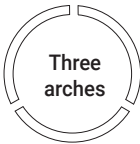
Diameter

Ø 614 mm
Ø 770 mm
Ø 896 mm
Ø 1178 mm
Ø 1500 mm
Ø 1742 mm



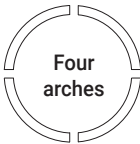
Diameter

Ø 2306 mm



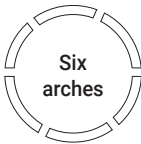
Diameter

Ø 3000 mm



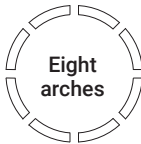
Diameter

Ø 4100 mm



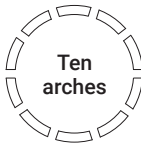
Diameter

Ø 5100 mm



Diameter

Ø 6000 mm

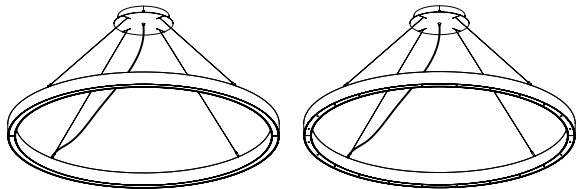


W zależności od średnicy oprawy Loop składają się z różnej liczby łuków.

Depending on the diameter, Loop luminaires consist of a different number of arches.
Je nach Durchmesser bestehen die Loop-Leuchten aus einer unterschiedlichen Anzahl von Bögen.

Loop

Central ceiling cup

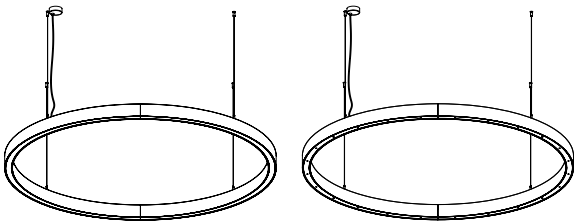


Loop Line

Loop Chili

Loop

Side ceiling cup



Loop Line

Loop Chili

Diameter	No. of arches	No. of BB-Chili	No. of suspensions
Ø614mm	2	8	4
Ø770mm	2	10	4
Ø896mm	2	12	4
Ø1178mm	2	16	4
Ø1500mm	2	20	4
Ø1742mm	2	24	4
Ø2306mm	3	32	6
Ø3000mm	4	40	8
Ø4100mm	6	54	12
Ø5100mm	8	64	16
Ø6000mm	10	80	20

Kolory

Colors
Farben



Inne kolory dostępne na zamówienie.
Other colors available on demand.
Andere Farben sind auf Anfrage erhältlich.



Technologia LFO

Opracowana przez naukowców w laboratorium Bartenbach w Austrii, przy udziale których firma Organic Lighting stworzyła linie nowoczesnych opraw oświetleniowych - CHILI. Jej największa siła tkwi w tym, czego nie widać, gdyż światło projekt optyki sprawia, że światło skupiane jest w maksymalnie małej przestrzeni, a następnie w niezauważalny sposób rozprasza się w pomieszczeniu.

LFO technology

Developed by scientists at the Bartenbach laboratory in Austria, with the participation of which Organic Lighting has created a line of modern lighting fixtures - CHILI. Its greatest strength lies in what you can not see, because the light is emitted in a way that is invisible to the eye. In this innovative optics design, light is concentrated in a maximally small space, and then invisibly disperses in the room.

LFO-Technologie

Wurde von Wissenschaftlern im Bartenbach-Labor in Österreich entwickelt und die Organic Lighting bei der Gestaltung seiner Linie moderner Leuchten – CHILI – eingesetzt hat. Seine größte Stärke liegt in dem, was man nicht sehen kann, denn das Licht wird auf eine Weise abgestrahlt, die für das Auge unsichtbar ist. Das innovative Design der Optik sorgt dafür, dass sich das Licht auf kleinstem Raum konzentriert und sich dann unmerklich im Raum verteilt.



Zdrowe światło

Dzięki niskiemu wskaźnikowi UGR <19, efekt olśnienia jest zredukowany, zapewniając ekskluzywną jakość oświetlenia i absolutny komfort widzenia.

Healthy light

Thanks to the low UGR index <19, the glare effect is reduced and exclusive lighting quality and absolute visual comfort are achieved.

Gesundes Licht

Dank des niedrigen UGR-Index <19, wird die Blendwirkung reduziert und eine exklusive Beleuchtungsqualität und absoluter Sehkombfort erreicht.





Loop

Line, Chili

Magnetic holder
Magnetic holder holding down the radiator and other accessories together

LED module
LED module on an aluminum base designed specifically by ILUM.

Bartenbach LFO lens
Bartenbach LFO lens - specially designed optics form the light in such a way that it is possible to hide the light source and shine through a small hole. It minimizes the glare effect and provides the functionality of a standard lens

The lens cover
The lens cover made of silicone rubber modulates the light beam in a way to emit as much as possible light outside.



Rozsył światła - bezpośredni

Dyfuzor dla oświetlenia liniowego:
satynowy, mikrokrystaliczny, ciemny
mikrokrystaliczny, mikropryzmatyczny.

Light distribution - direct

Diffuser for linear lighting:
satin, microcrystal, dark microcrystal,
microprism.

Lichtverteilung - direkt

Diffusor für lineare Beleuchtung:
satiniert, Microcrystale, dunkel
Microcrystale, Mikroprisma.

Rozsył światła - pośredni

Tylko z satynowym dyfuzorem

Light distribution - indirect

Always with satin diffuser

Lichtverteilung - indirekt

Nur mit Satiniert

Mikropozycjoner

Za jego pomocą możemy dowolnie
regulować wysokość zawieszenia oprawy
z dokładnością do 1 mm. Możliwość zmiany
położenia mikropozycjonera.

Micropositioner

With it you can freely adjust the height of the
luminaire suspension with an accuracy of 1
mm. It is possible to change the position of
the micropositioner.

Mikropositionierer

Mit ihm können Sie die Höhe der
Leuchtaufhängung frei einstellen mit
einer Genauigkeit von 1 mm. Möglichkeit,
die Position des Mikropositionierers zu
verändern.

System by Bartebach LFO optic

W technologii CHILI światło jest
wypuszczane na zewnątrz oprawy przez
9-milimetrowy otwór. Oprawa występuje
w dwóch wersjach kąta rozsyłu: 30° i 60°.

System by Bartebach LFO optic

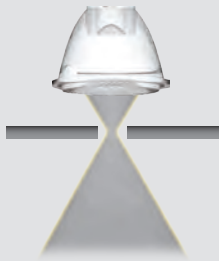
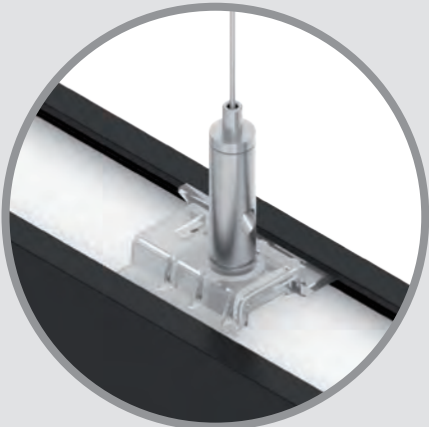
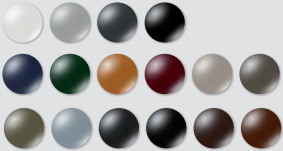
In CHILI technology, the light comes out
of the luminaire through 9 mm hole. The
luminaire comes in two versions of the
beam angle: 30° and 60°.

System von Bartebach LFO Optik

System von Bartebach LFO-Optik. Bei
der CHILI-Technologie wird das Licht
außerhalb der Leuchte durch eine 9 mm
große Öffnung abgegeben. Die Leuchte
ist in zwei Varianten des Abstrahlwinkels
erhältlich: 30° und 60°.

Wybierz swój kolor

Choose your color
Wählen Sie Ihre Farbe



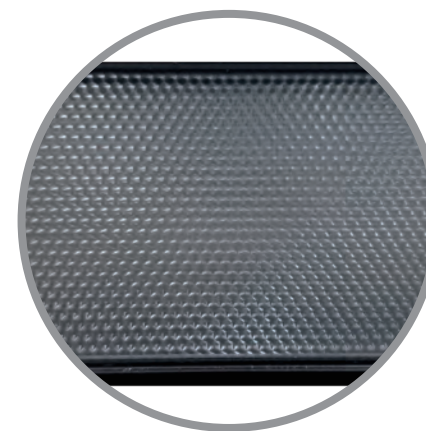
System by Bartenbach
LFO optic





Loop

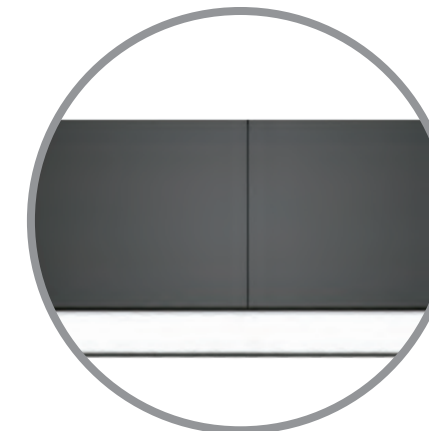
Line, Chili



Ciemny dyfuzor mikrokrystaliczny o strukturze heksagonalnej zapewniający ochronę antyodświecenia z wielu kierunków obserwacji.

Dark microcrystalline diffuser with hexagonal structure for anti-glare protection from multiple viewing directions.

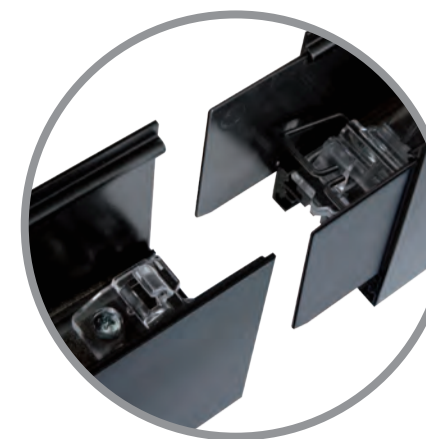
Dunkel mikrokristalliner Diffusor mit sechseckiger Struktur für Blendschutz aus mehreren Blickrichtungen.



Łączenie profili w sposób eliminujący świecenie przez szczeliny.

Connection of profiles in a way that eliminates the risk of glowing through the gaps.

Die Profile sind in einer Weise verbunden, die das Risiko des Leuchtens durch die Lücken ausschließt.



Wysłony - łączenie profili w sposób eliminujący świecenie przez szczeliny.

Black screens - connection of profiles in a way eliminating lighting gaps.

Blenden - Profile so verbinden, dass kein Licht durch Lücken scheint.



Zapięcie mechaniczne pozwalające na beznarzędziowe łączenie modułów systemu.

Mechanical lock allowing to connect the system modules without any tools.

Mechanisches Verbindungselement, das eine werkzeuglose Verbindung von Systemmodulen ermöglicht.

Loop
Line C

Loop Line
C 770



Loop Line
C 1178



Cechy | Features | Eigenschaften

LED	3000K 4000K	CRI>80	SDCM ≤ 3	50000h L80 B10	IP20	ON/OFF DALI	220 - 240V 50-60HZ		
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Colors:



PL

Montaż: nabudowany.

Źródło światła: PCB LED, 3000K / 4000K, CRI> 80, MacAdam ≤ 3,50000h L80B10.

Moc oprawy: wersja high efficiency (HE), wersja high output (HO).

Dyfuzory: satyna, mikrokryształiczny, ciemny mikrokryształiczny, mikropryzmatyczny.

Rozsył światła: bezpośredni.

Obudowa: wytłaczany profil aluminiowy malowany proszkowo.

Sterowanie: ON/OFF lub DALI.

Stopień ochrony: IP20

EN

Mounting: ceiling built-on.

Light source: PCB LED, 3000K / 4000K, CRI> 80, MacAdam ≤ 3,50000h L80B10.

Luminaire power: high efficiency (HE) version, high output (HO) version.

Diffusers: satin, microcrystal dark microcrystal, microprism.

Light distribution: direct.

Housing: powder coated extruded aluminum profile.

Control: ON / OFF or DALI.

IP protection: IP20

DE

Installation: angebaut.

Lichtquelle: PCB LED, 3000K / 4000K, CRI> 80, MacAdam ≤ 3,50000h L80B10.

Leuchtenleistung: hohe Effizienz (HE) Version, hohe Leistung (HO) Version.

Diffusor: satiniert, Microcrystale, dunkel Microcrystale, Mikroprisma.

Lichtverteilung: Direkt.

Gehäuse: Aluminium-Strangpressprofil, pulverbeschichtet..

Steuerung: EIN-AUS oder DALI.

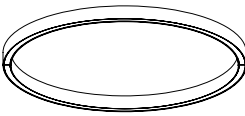
Schutzart : IP20

Loop Line C
DIRECT



	Type	Dimensions	Power	Luminaire flux *			Code
				satine/microcrystal	dark microcrystal UGR<19	microprism UGR<19	
Version with LED CC HE (High Efficiency)	Loop Line C	Ø614 mm	26 W	2975 lm	2087 lm	2398 lm	5.2001.01C1.fg6i.j0
	Loop Line C	Ø770mm	34 W	3966 lm	2782 lm	3197 lm	5.2001.02C1.fg6i.j0
	Loop Line C	Ø896 mm	39 W	4462 lm	3130 lm	3596 lm	5.2001.03C1.fg6i.j0
	Loop Line C	Ø1178 mm	52 W	5950 lm	4174 lm	4795 lm	5.2001.04C1.fg6i.j0
	Loop Line C	Ø1500 mm	69 W	7933 lm	5565 lm	6394 lm	5.2001.05C1.fg6i.j0
	Loop Line C	Ø1742 mm	77 W	8924 lm	6260 lm	7193 lm	5.2001.06C1.fg6i.j0
	Loop Line C	Ø2306 mm	103 W	11899 lm	8347 lm	9590 lm	5.2001.07C1.fg6i.j0
	Loop Line C	Ø3000 mm	138 W	15866 lm	11130 lm	12787 lm	5.2001.08C1.fg6i.j0
	Loop Line C	Ø4100 mm	193 W	22311 lm	15651 lm	17982 lm	5.2001.09C1.fg6i.j0
	Loop Line C	Ø5100 mm	241 W	27765 lm	19477 lm	22378 lm	5.2001.10C1.fg6i.j0
	Loop Line C	Ø6000 mm	280 W	32227 lm	22607 lm	25974 lm	5.2001.11C1.fg6i.j0
Version with LED CC HO (High Output)	Loop Line C	Ø614 mm	52 W	5520 lm	3790 lm		5.2001.01C1.fg7i.j0
	Loop Line C	Ø770mm	69 W	7361 lm	4946 lm		5.2001.02C1.fg7i.j0
	Loop Line C	Ø896 mm	78 W	8281 lm	5564 lm		5.2001.03C1.fg7i.j0
	Loop Line C	Ø1178 mm	104 W	11041 lm	7419 lm		5.2001.04C1.fg7i.j0
	Loop Line C	Ø1500 mm	138 W	14721 lm	9892 lm		5.2001.05C1.fg7i.j0
	Loop Line C	Ø1742 mm	156 W	16561 lm	11128 lm		5.2001.06C1.fg7i.j0
	Loop Line C	Ø2306 mm	208 W	22082 lm	14838 lm		5.2001.07C1.fg7i.j0
	Loop Line C	Ø3000 mm	277 W	29443 lm	19784 lm		5.2001.08C1.fg7i.j0
	Loop Line C	Ø4100 mm	389 W	41404 lm	27821 lm		5.2001.09C1.fg7i.j0
	Loop Line C	Ø5100 mm	484 W	51524 lm	34621 lm		5.2001.10C1.fg7i.j0
	Loop Line C	Ø6000 mm	562 W	59805 lm	40186 lm		5.2001.11C1.fg7i.j0
Version with LED CC HO (High Output)	Loop Line C	Ø614 mm	34 W			2958 lm	5.2001.01C1.fg73.j0
	Loop Line C	Ø770mm	46 W			3944 lm	5.2001.02C1.fg73.j0
	Loop Line C	Ø896 mm	51 W			4437 lm	5.2001.03C1.fg73.j0
	Loop Line C	Ø1178 mm	68 W			5916 lm	5.2001.04C1.fg73.j0
	Loop Line C	Ø1500 mm	91 W			7887 lm	5.2001.05C1.fg73.j0
	Loop Line C	Ø1742 mm	102 W			8873 lm	5.2001.06C1.fg73.j0
	Loop Line C	Ø2306 mm	137 W			11831 lm	5.2001.07C1.fg73.j0
	Loop Line C	Ø3000 mm	182 W			15775 lm	5.2001.08C1.fg73.j0
	Loop Line C	Ø4100 mm	256 W			22183 lm	5.2001.09C1.fg73.j0
	Loop Line C	Ø5100 mm	319 W			27606 lm	5.2001.10C1.fg73.j0
	Loop Line C	Ø6000 mm	370 W			32042 lm	5.2001.11C1.fg73.j0
	Loop Line C	Ø614 mm	34 W			2958 lm	5.2001.01C1.fg73.j0

Strumień świetlny oprawy podany dla 4000K.
Fixture lumen output data refer to 4000K.
Lichtstrom der Leuchte spezifiziert für 4000K.



Ø614 - 1742 mm

Driver	f	LED color	g	Diffuser	i	Finishing	j	j	
ON/OFF	1	830	2	satine	1	white (RAL9016)	4	sandy	D
DALI	2	840	3	microcrystal	2	black (RAL9005)	5	earth	E
				microprism	3	fog (RAL7038)	G	sage	A
				dark microcrystal	8	graphite (RAL7024)	H	cloudy	C
					saphire (RAL5003)	S	night	N	
					forrest (RAL6005)	F	black dust	B	
					wine (RAL3005)	W	volcano	V	
					ochra	O	marrone	M	



Loop
Line S



Loop Line (central)
S 1178

Loop Line (side)
S 614

Cechy | Features | Eigenschaften

LED	3000K 4000K	CRI>80	SDCM ≤ 3	50000h L80 B10	IP20	ON/OFF DALI	220 - 240V 50-60HZ		
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Colors:



PL
Montaż: zwieszany
Źródło światła: PCB LED, 3000K / 4000K, CRI> 80, MacAdam ≤ 3,50000h L80B10.
Moc oprawy: wersja high efficiency (HE), wersja high output (HO).
Dyfuzory: satyna, mikrokryształiczny, ciemny mikrokryształiczny, mikropryzmatyczny.
Rozsył światła: bezpośredni.
Obudowa: wytłaczany profil aluminiowy malowany proszkowo.
Sterowanie: ON/OFF lub DALI.
Stopień ochrony: IP20

EN
Mounting: suspended
Light source: PCB LED, 3000K / 4000K, CRI> 80, MacAdam ≤ 3,50000h L80B10.
Luminaire power: high efficiency (HE) version, high output (HO) version.
Diffusers: satin, microcrystal dark microcrystal, microprism.
Light distribution: direct.
Housing: powder coated extruded aluminum profile.
Control: ON / OFF or DALI.
IP protection: IP20

DE
Installation: abgependelt
Lichtquelle: PCB LED, 3000K / 4000K, CRI> 80, MacAdam ≤ 3,50000h L80B10.
Leuchtenleistung: hohe Effizienz (HE) Version, hohe Leistung (HO) Version.
Diffusor: satiniert, Microcrystale, dunkel Microcrystale, Mikroprisma.
Lichtverteilung: Direkt.
Gehäuse: Aluminium-Strangpressprofil, pulverbeschichtet..
Steuerung: EIN-AUS oder DALI.
Schutzart : IP20

Loop Line S
DIRECT



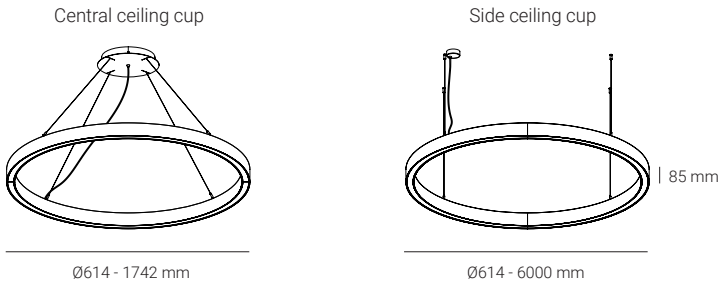
Version with
LED CC HE
(High Efficiency)

Version with
LED CC HO
(High Output)

Version with
LED CC HO
(High Output)

							
Type	Dimensions	Power	Luminaire flux *			Code	
			satine/microcrystal	dark microcrystal UGR<19	microprism UGR<19		
Loop Line S	Ø614 mm	26 W	2975 lm	2087 lm	2398 lm	5.200b.01D1.fg6i.j0	
Loop Line S	Ø770mm	34 W	3966 lm	2782 lm	3197 lm	5.200b.02D1.fg6i.j0	
Loop Line S	Ø896 mm	39 W	4462 lm	3130 lm	3596 lm	5.200b.03D1.fg6i.j0	
Loop Line S	Ø1178 mm	52 W	5950 lm	4174 lm	4795 lm	5.200b.04D1.fg6i.j0	
Loop Line S	Ø1500 mm	69 W	7933 lm	5565 lm	6394 lm	5.200b.05D1.fg6i.j0	
Loop Line S	Ø1742 mm	77 W	8924 lm	6260 lm	7193 lm	5.200b.06D1.fg6i.j0	
Loop Line S	Ø2306 mm	103 W	11899 lm	8347 lm	9590 lm	5.2003.07D1.fg6i.j0	
Loop Line S	Ø3000 mm	138 W	15866 lm	11130 lm	12787 lm	5.2003.08D1.fg6i.j0	
Loop Line S	Ø4100 mm	193 W	22311 lm	15651 lm	17982 lm	5.2003.09D1.fg6i.j0	
Loop Line S	Ø5100 mm	241 W	27765 lm	19477 lm	22378 lm	5.2003.10D1.fg6i.j0	
Loop Line S	Ø6000 mm	280 W	32227 lm	22607 lm	25974 lm	5.2003.11D1.fg6i.j0	
			satine/microcrystal	dark microcrystal			
Loop Line S	Ø614 mm	52 W	5520 lm	3790 lm		5.200b.01D1.fg7i.j0	
Loop Line S	Ø770mm	69 W	7361 lm	4946 lm		5.200b.02D1.fg7i.j0	
Loop Line S	Ø896 mm	78 W	8281 lm	5564 lm		5.200b.03D1.fg7i.j0	
Loop Line S	Ø1178 mm	104 W	11041 lm	7419 lm		5.200b.04D1.fg7i.j0	
Loop Line S	Ø1500 mm	138 W	14721 lm	9892 lm		5.200b.05D1.fg7i.j0	
Loop Line S	Ø1742 mm	156 W	16561 lm	11128 lm		5.200b.06D1.fg7i.j0	
Loop Line S	Ø2306 mm	208 W	22082 lm	14838 lm		5.2003.07D1.fg7i.j0	
Loop Line S	Ø3000 mm	277 W	29443 lm	19784 lm		5.2003.08D1.fg7i.j0	
Loop Line S	Ø4100 mm	389 W	41404 lm	27821 lm		5.2003.09D1.fg7i.j0	
Loop Line S	Ø5100 mm	484 W	51524 lm	34621 lm		5.2003.10D1.fg7i.j0	
Loop Line S	Ø6000 mm	562 W	59805 lm	40186 lm		5.2003.11D1.fg7i.j0	
					microprism UGR<19		
Loop Line S	Ø614 mm	34 W			2958 lm	5.200b.01D1.fg73.j0	
Loop Line S	Ø770mm	46 W			3944 lm	5.200b.02D1.fg73.j0	
Loop Line S	Ø896 mm	51 W			4437 lm	5.200b.03D1.fg73.j0	
Loop Line S	Ø1178 mm	68 W			5916 lm	5.200b.04D1.fg73.j0	
Loop Line S	Ø1500 mm	91 W			7887 lm	5.200b.05D1.fg73.j0	
Loop Line S	Ø1742 mm	102 W			8873 lm	5.200b.06D1.fg73.j0	
Loop Line S	Ø2306 mm	137 W			11831 lm	5.2003.07D1.fg73.j0	
Loop Line S	Ø3000 mm	182 W			15775 lm	5.2003.08D1.fg73.j0	
Loop Line S	Ø4100 mm	256 W			22183 lm	5.2003.09D1.fg73.j0	
Loop Line S	Ø5100 mm	319 W			27606 lm	5.2003.10D1.fg73.j0	
Loop Line S	Ø6000 mm	370 W			32042 lm	5.2003.11D1.fg73.j0	

Strumień świetlny oprawy podany dla 4000K.
Fixture lumen output data refer to 4000K.
Lichtstrom der Leuchte spezifiziert für 4000K.



Ceiling cup	b	Driver	f	LED color	g	Diffuser	i	Finishing	j	j	
central	2	ON/OFF	1	830	2	satine	1	white (RAL9016)	4	sandy	D
side	3	DALI	2	840	3	microcrystal	2	black (RAL9005)	5	earth	E
						microprism	3	fog (RAL7038)	G	sage	A
						dark microcrystal	8	graphite (RAL7024)	H	cloudy	C
								saphire (RAL5003)	S	night	N
								forrest (RAL6005)	F	black dust	B
								wine (RAL3005)	W	volcano	V
								ochra	O	marrone	M



Loop
Line S



Loop Line (central)
S 1500

Loop Line (side)
S 770

Cechy | Features | Eigenschaften

LED	3000K 4000K	CRI>80	SDCM ≤ 3	50000h L80 B10	IP20	ON/OFF DALI	220 - 240V 50-60HZ		CE
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Colors:



PL
Montaż: zwieszany
Źródło światła: PCB LED, 3000K / 4000K, CRI> 80, MacAdam ≤ 3,50000h L80B10.
Moc oprawy: wersja high efficiency (HE), wersja high output (HO).
Dyfuzory: satyna, mikrokryształiczny, ciemny mikrokryształiczny, mikropryzmatyczny.
Rozsył światła: bezpośredni / pośredni.
Obudowa: wytłaczany profil aluminiowy malowany proszkowo.
Sterowanie: ON/OFF lub DALI.
Stopień ochrony: IP20

EN
Mounting: suspended
Light source: PCB LED, 3000K / 4000K, CRI> 80, MacAdam ≤ 3,50000h L80B10.
Luminaire power: high efficiency (HE) version, high output (HO) version.
Diffusers: satin, microcrystal dark microcrystal, microprism.
Light distribution: direct / indirect.
Housing: powder coated extruded aluminum profile.
Control: ON / OFF or DALI.
IP protection: IP20

DE
Installation: abgependelt
Lichtquelle: PCB LED, 3000K / 4000K, CRI> 80, MacAdam ≤ 3,50000h L80B10.
Leuchtenleistung: hohe Effizienz (HE) Version, hohe Leistung (HO) Version.
Diffusor: satiniert, Microcrystale, dunkel Microcrystale, Mikropisma.
Lichtverteilung: Direkt/Indirekt.
Gehäuse: Aluminium-Strangpressprofil, pulverbeschichtet..
Steuerung: EIN-AUS oder DALI.
Schutzart : IP20

Loop Line S
DIRECT/INDIRECT



Version with
LED CC HE
(High Efficiency)

Type	Dimensions	Power	Luminaire flux *			Code
			satine/microcrystal	dark microcrystal UGR<19	microprism UGR<19	
Loop Line S	Ø614 mm	26+12 W	2975+1295 lm	2087+1295 lm	2398+1295 lm	5.200b.0111.fg6i.j0
Loop Line S	Ø770mm	34+16 W	3966+1766 lm	2782+1766 lm	3197+1766 lm	5.200b.0211.fg6i.j0
Loop Line S	Ø896 mm	39+18 W	4462+2002 lm	3130+2002 lm	3596+2002 lm	5.200b.0311.fg6i.j0
Loop Line S	Ø1178 mm	52+25 W	5950+2708 lm	4174+2708 lm	4795+2708 lm	5.200b.0411.fg6i.j0
Loop Line S	Ø1500 mm	69+33 W	7933+3651 lm	5565+3651 lm	6394+3651 lm	5.200b.0511.fg6i.j0
Loop Line S	Ø1742 mm	77+38 W	8924+4122 lm	6260+4122 lm	7193+4122 lm	5.200b.0611.fg6i.j0
Loop Line S	Ø2306 mm	103+50 W	11899+5476 lm	8347+5476 lm	9590+5476 lm	5.2003.0711.fg6i.j0
Loop Line S	Ø3000 mm	138+65 W	15866+7066 lm	11130+7066 lm	12787+7066 lm	5.2003.0811.fg6i.j0
Loop Line S	Ø4100 mm	193+90 W	22311+9892 lm	15651+9892 lm	17982+9892 lm	5.2003.0911.fg6i.j0
Loop Line S	Ø5100 mm	241+112 W	27765+12247 lm	19477+12247 lm	22378+12247 lm	5.2003.1011.fg6i.j0
Loop Line S	Ø6000 mm	280+129 W	32227+14131 lm	22607+14131 lm	25974+14131 lm	5.2003.1111.fg6i.j0



Version with
LED CC HO
(High Output)

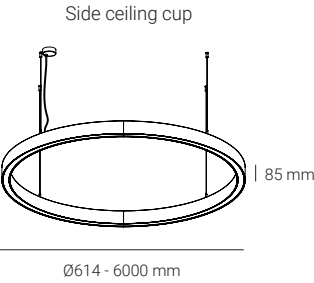
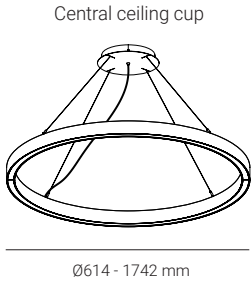
Type	Dimensions	Power	Luminaire flux *		Code
			satine/microcrystal	dark microcrystal	
Loop Line S	Ø614 mm	52+24 W	5520+2523 lm	3790+2523 lm	5.200b.0111.fg7i.j0
Loop Line S	Ø770mm	69+32 W	7361+3441 lm	4946+3441 lm	5.200b.0211.fg7i.j0
Loop Line S	Ø896 mm	78+37 W	8281+3900 lm	5564+3900 lm	5.200b.0311.fg7i.j0
Loop Line S	Ø1178 mm	104+50 W	11041+5276 lm	7419+5276 lm	5.200b.0411.fg7i.j0
Loop Line S	Ø1500 mm	138+67 W	14721+7111 lm	9892+7111 lm	5.200b.0511.fg7i.j0
Loop Line S	Ø1742 mm	156+75 W	16561+8029 lm	11128+8029 lm	5.200b.0611.fg7i.j0
Loop Line S	Ø2306 mm	208+100 W	22082+10667 lm	14838+10667 lm	5.2003.0711.fg7i.j0
Loop Line S	Ø3000 mm	277+129 W	29443+13764 lm	19784+13764 lm	5.2003.0811.fg7i.j0
Loop Line S	Ø4100 mm	389+181 W	41404+19270 lm	27821+19270 lm	5.2003.0911.fg7i.j0
Loop Line S	Ø5100 mm	484+224 W	51524+23858 lm	34621+19270 lm	5.2003.1011.fg7i.j0
Loop Line S	Ø6000 mm	562+258 W	59805+27528 lm	40186+27528 lm	5.2003.1111.fg7i.j0



Version with
LED CC HO
(High Output)

			microprism UGR<19	
Loop Line S	Ø614 mm	34+24 W	2958+2523 lm	5.200b.0111.fg73.j0
Loop Line S	Ø770mm	46+32 W	3944+3441 lm	5.200b.0211.fg73.j0
Loop Line S	Ø896 mm	51+37 W	4437+3900 lm	5.200b.0311.fg73.j0
Loop Line S	Ø1178 mm	68+50 W	5916+5276 lm	5.200b.0411.fg73.j0
Loop Line S	Ø1500 mm	91+67 W	7887+7111 lm	5.200b.0511.fg73.j0
Loop Line S	Ø1742 mm	102+75 W	8873+8029 lm	5.200b.0611.fg73.j0
Loop Line S	Ø2306 mm	137+100 W	11831+10667 lm	5.2003.0711.fg73.j0
Loop Line S	Ø3000 mm	182+129 W	15775+13764 lm	5.2003.0811.fg73.j0
Loop Line S	Ø4100 mm	256+181 W	22183+19270 lm	5.2003.0911.fg73.j0
Loop Line S	Ø5100 mm	319+224 W	27606+19270 lm	5.2003.1011.fg73.j0
Loop Line S	Ø6000 mm	370+258 W	32042+27528 lm	5.2003.1111.fg73.j0

Strumień świetlny oprawy podany dla 4000K.
Fixture lumen output data refer to 4000K.
Lichtstrom der Leuchte spezifiziert für 4000K.

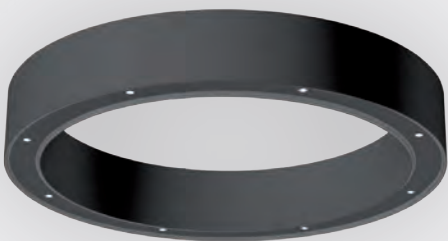


Ceiling cup	b	Driver	f	LED color	g	Diffuser	i	Finishing	j	j	
central	2	ON/OFF	1	830	2	satine	1	white (RAL9016)	4	sandy	D
side	3	DALI	2	840	3	microcrystal	2	black (RAL9005)	5	earth	E
						microprism	3	fog (RAL7038)	G	sage	A
						dark microcrystal	8	graphite (RAL7024)	H	cloudy	C
								saphire (RAL5003)	S	night	N
								forrest (RAL6005)	F	black dust	B
								wine (RAL3005)	W	volcano	V
								ochra	O	marrone	M





Loop
Chili C



Loop Chili
C 614

Loop Chili
C 1500

Cechy | Features | Eigenschaften

LED	3000K 4000K	CRI>80	SDCM ≤ 3	50000h L80 B10	IP20	ON/OFF DALI	220 - 240V 50-60HZ		
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Colors:



PL
Montaż: nabudowany.
Źródło światła: PCB LED, 3000K / 4000K, CRI> 80, MacAdam ≤ 3,50000h L80B10.
Moc oprawy: wersja high output (HO).

Optyka: soczewka 30°/60°.
Rozsył światła: bezpośredni.
Obudowa: wytłaczany profil aluminiowy malowany proszkowo.
Sterowanie: ON/OFF lub DALI.
Stopień ochrony: IP20

EN
Mounting: ceiling built-on.
Light source: PCB LED, 3000K / 4000K, CRI> 80, MacAdam ≤ 3,50000h L80B10.
Luminaire power: high output (HO) version.
Optic: lens 30°/60°.
Light distribution: direct.
Housing: powder coated extruded aluminum profile.
Control: ON / OFF or DALI.
IP protection: IP20

DE
Installation: angebaut.
Lichtquelle: PCB LED, 3000K / 4000K, CRI> 80, MacAdam ≤ 3,50000h L80B10.
Leuchtenleistung: hohe Leistung (HO) Version.
Optik: Linse 30°/60°.
Lichtverteilung: Direkt.
Gehäuse: Aluminium-Strangpressprofil, pulverbeschichtet..
Steuerung: EIN-AUS oder DALI.
Schutzart : IP20

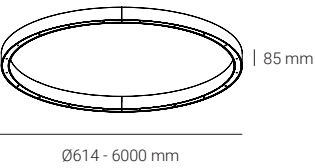
Loop Chili C
DIRECT



Version with
LED CC HO
(High Output)

Type	Dimensions	Power	Luminaire flux *		Code
			lens 30° UGR<19	lens 60° UGR<19	
Loop Chili C	Ø614 mm	18 W	1560 lm	1600 lm	5.2011.01C1.fg7ij0
Loop Chili C	Ø770mm	22 W	1950 lm	2000 lm	5.2011.02C1.fg7ij0
Loop Chili C	Ø896 mm	27 W	2340 lm	2400 lm	5.2011.03C1.fg7ij0
Loop Chili C	Ø1178 mm	36 W	3120 lm	3200 lm	5.2011.04C1.fg7ij0
Loop Chili C	Ø1500 mm	45 W	3900 lm	4000+lm	5.2011.05C1.fg7ij0
Loop Chili C	Ø1742 mm	54 W	4680 lm	4800 lm	5.2011.06C1.fg7ij0
Loop Chili C	Ø2306 mm	72 W	6240 lm	6400 lm	5.2011.07C1.fg7ij0
Loop Chili C	Ø3000 mm	90 W	7800 lm	8000 lm	5.2011.08C1.fg7ij0
Loop Chili C	Ø4100 mm	121 W	10530 lm	10800 lm	5.2011.09C1.fg7ij0
Loop Chili C	Ø5100 mm	143 W	12480 lm	12800 lm	5.2011.10C1.fg7ij0
Loop Chili C	Ø6000 mm	179W	15600 lm	16000 lm	5.2011.11C1.fg7ij0

Strumień świetlny oprawy podany dla 4000K.
Fixture lumen output data refer to 4000K.
Lichtstrom der Leuchte spezifiziert für 4000K.



Ceiling cup	b	Driver	f	LED color	g	Beam angle	i	Finishing	j		j
central	2	ON/OFF	1	830	2	30°	M	white (RAL9016)	4	sandy	D
side	3	DALI	2	840	3	60°	W	black (RAL9005)	5	earth	E
								fog (RAL7038)	G	sage	A
								graphite (RAL7024)	H	cloudy	C
								saphire (RAL5003)	S	night	N
								forrest (RAL6005)	F	black dust	B
								wine (RAL3005)	W	volcano	V
								ochra	O	marrone	M



Loop
Chili S



Loop Chili (central)
S 614

Loop Chili (side)
S 1178

Cechy | Features | Eigenschaften

LED	3000K 4000K	CRI>80	SDCM ≤ 3	50000h L80 B10	IP20	ON/OFF DALI	220 - 240V 50-60HZ		CE
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Colors:



PL
Montaż: zwieszany
Źródło światła: PCB LED, 3000K / 4000K, CRI> 80, MacAdam ≤ 3,50000h L80B10.
Moc oprawy: wersja high output (HO).

Optyka: soczewka 30°/60°.
Rozsył światła: bezpośredni, bezpośredni / pośredni.
Obudowa: wytłaczany profil aluminiowy malowany proszkowo.
Sterowanie: ON/OFF lub DALI.
Stopień ochrony: IP20

EN
Mounting: suspended
Light source: PCB LED, 3000K / 4000K, CRI> 80, MacAdam ≤ 3,50000h L80B10.
Luminaire power: high output (HO) version.
Optic: lens 30°/60°.
Light distribution: direct , direct / indirect.
Housing: powder coated extruded aluminum profile.
Control: ON / OFF or DALI.
IP protection: IP20

DE
Installation: abgependelt
Lichtquelle: PCB LED, 3000K / 4000K, CRI> 80, MacAdam ≤ 3,50000h L80B10.
Leuchtenleistung: hohe Leistung (HO) Version.
Optik: 30°/60°.
Lichtverteilung: Direkt , Direkt/ Indirekt.
Gehäuse: Aluminium-Strangpressprofil, pulverbeschichtet..
Steuerung: EIN-AUS oder DALI.
Schutzart : IP20

Loop Chili S
DIRECT



Version with
LED CC HO
(High Output)

Type	Dimensions	Power	Luminaire flux *		Code
			lens 30° UGR<19	lens 60° UGR<19	
Loop Chili S	Ø614 mm	18 W	1560 lm	1600 lm	5.201b.01D1.fg7i.j0
Loop Chili S	Ø770mm	22 W	1950 lm	2000 lm	5.201b.02D1.fg7i.j0
Loop Chili S	Ø896 mm	27 W	2340 lm	2400 lm	5.201b.03D1.fg7i.j0
Loop Chili S	Ø1178 mm	36 W	3120 lm	3200 lm	5.201b.04D1.fg7i.j0
Loop Chili S	Ø1500 mm	45 W	3900 lm	4000+lm	5.201b.05D1.fg7i.j0
Loop Chili S	Ø1742 mm	54 W	4680 lm	4800 lm	5.201b.06D1.fg7i.j0
Loop Chili S	Ø2306 mm	72 W	6240 lm	6400 lm	5.2013.07D1.fg7i.j0
Loop Chili S	Ø3000 mm	90 W	7800 lm	8000 lm	5.2013.08D1.fg7i.j0
Loop Chili S	Ø4100 mm	121 W	10530 lm	10800 lm	5.2013.09D1.fg7i.j0
Loop Chili S	Ø5100 mm	143 W	12480 lm	12800 lm	5.2013.10D1.fg7i.j0
Loop Chili S	Ø6000 mm	179W	15600 lm	16000 lm	5.2013.11D1.fg7i.j0

Loop Chili S
DIRECT/INDIRECT

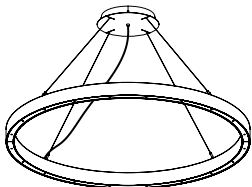


Version with
LED CC HO
(High Output)

Type	Dimensions	Power	Luminaire flux *		Code
			lens 30° UGR<19	lens 60° UGR<19	
Loop Chili S	Ø614 mm	18+12 W	1560+1295 lm	1600+1295 lm	5.201b.01I1.fg7i.j0
Loop Chili S	Ø770mm	22+16 W	1950+1766 lm	2000+1766 lm	5.201b.02I1.fg7i.j0
Loop Chili S	Ø896 mm	27+18 W	2340+2002 lm	2400+2002 lm	5.201b.03I1.fg7i.j0
Loop Chili S	Ø1178 mm	36+25 W	3120+2708 lm	3200+2708 lm	5.201b.04I1.fg7i.j0
Loop Chili S	Ø1500 mm	45+33 W	3900+3651 lm	4000+3651 lm	5.201b.05I1.fg7i.j0
Loop Chili S	Ø1742 mm	54+38 W	4680+4122 lm	4800+4122 lm	5.201b.06I1.fg7i.j0
Loop Chili S	Ø2306 mm	72+50 W	6240+5476 lm	6400+5476 lm	5.2013.07I1.fg7i.j0
Loop Chili S	Ø3000 mm	90+65 W	7800+7066 lm	8000+7066 lm	5.2013.08I1.fg7i.j0
Loop Chili S	Ø4100 mm	121+90 W	10530+9892 lm	10800+9892 lm	5.2013.09I1.fg7i.j0
Loop Chili S	Ø5100 mm	143+112 W	12480+12247 lm	12800+12247 lm	5.2013.10I1.fg7i.j0
Loop Chili S	Ø6000 mm	179+129 W	15600+14131 lm	16000+14131 lm	5.2013.11I1.fg7i.j0

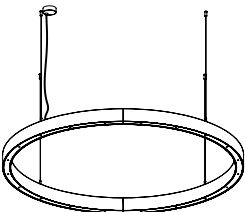
Strumień świetlny oprawy podany dla 4000K.
Fixture lumen output data refer to 4000K.
Lichtstrom der Leuchte spezifiziert für 4000K.

Central ceiling cup



Ø614 - 1742 mm

Side ceiling cup

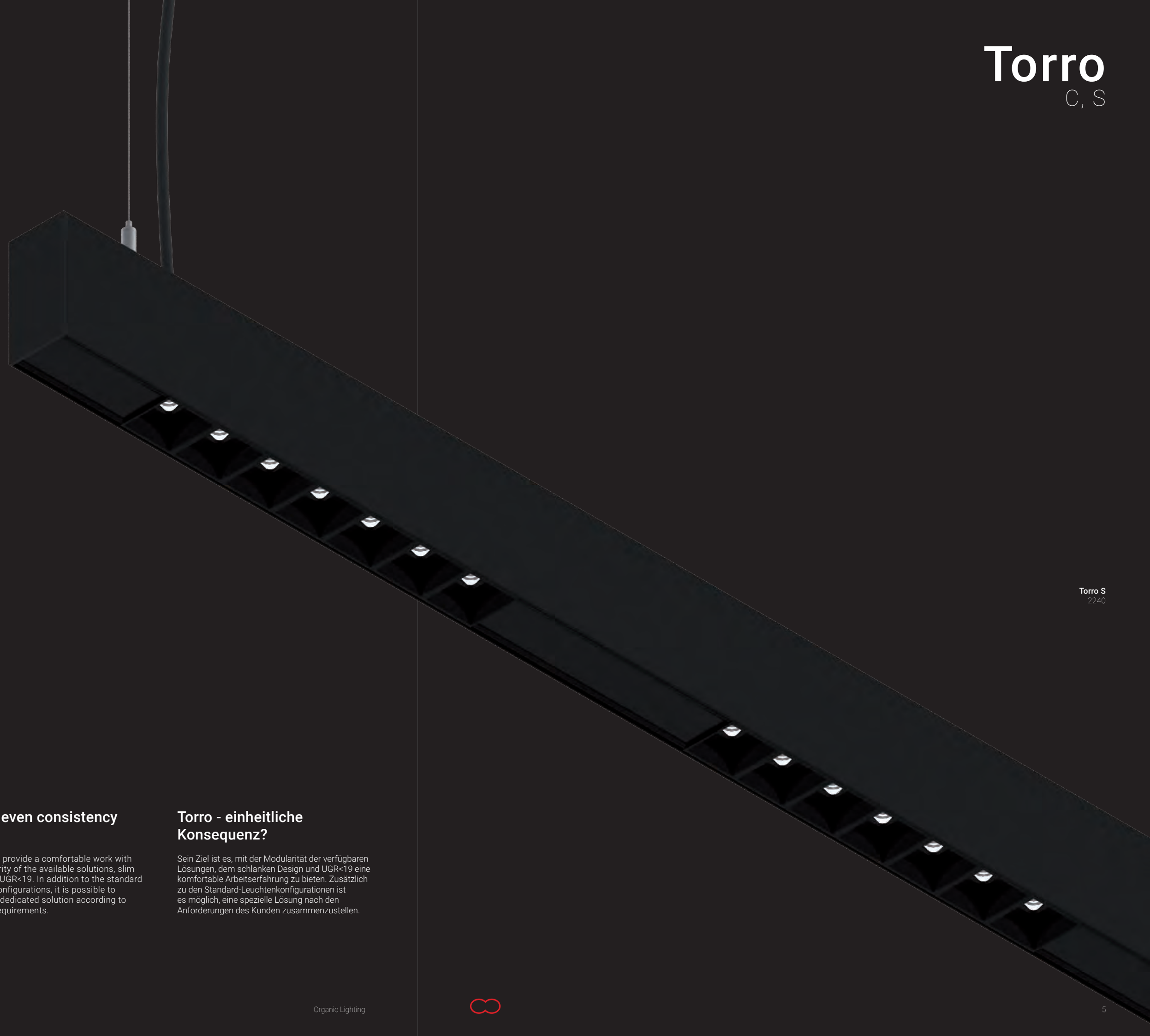


85 mm

Ø614 - 6000 mm

Ceiling cup	b	Driver	f	LED color	g	Beam angle	i	Finishing	j	j	
central	2	ON/OFF	1	830	2	30°	M	white (RAL9016)	4	sandy	D
side	3	DALI	2	840	3	60°	W	black (RAL9005)	5	earth	E
								fog (RAL7038)	G	sage	A
								graphite (RAL7024)	H	cloudy	C
								saphire (RAL5003)	S	night	N
								forrest (RAL6005)	F	black dust	B
								wine (RAL3005)	W	volcano	V
								ochra	O	marrone	M





Torro S
2240

**Torro – równomierna
konsekwencja**

Jej zdaniem jest zapewnienie komfortowej pracy przy modułowości dostępnych rozwiązań, smukłej konstrukcji i UGR<19. Oprócz standardowych konfiguracji oprawy istnieje możliwość skomponowania dedykowanego rozwiązania pod wymogi klienta.

Torro - even consistency

Its aim is to provide a comfortable work with the modularity of the available solutions, slim design and UGR<19. In addition to the standard luminaire configurations, it is possible to compose a dedicated solution according to customer requirements.

**Torro - einheitliche
Konsequenz?**

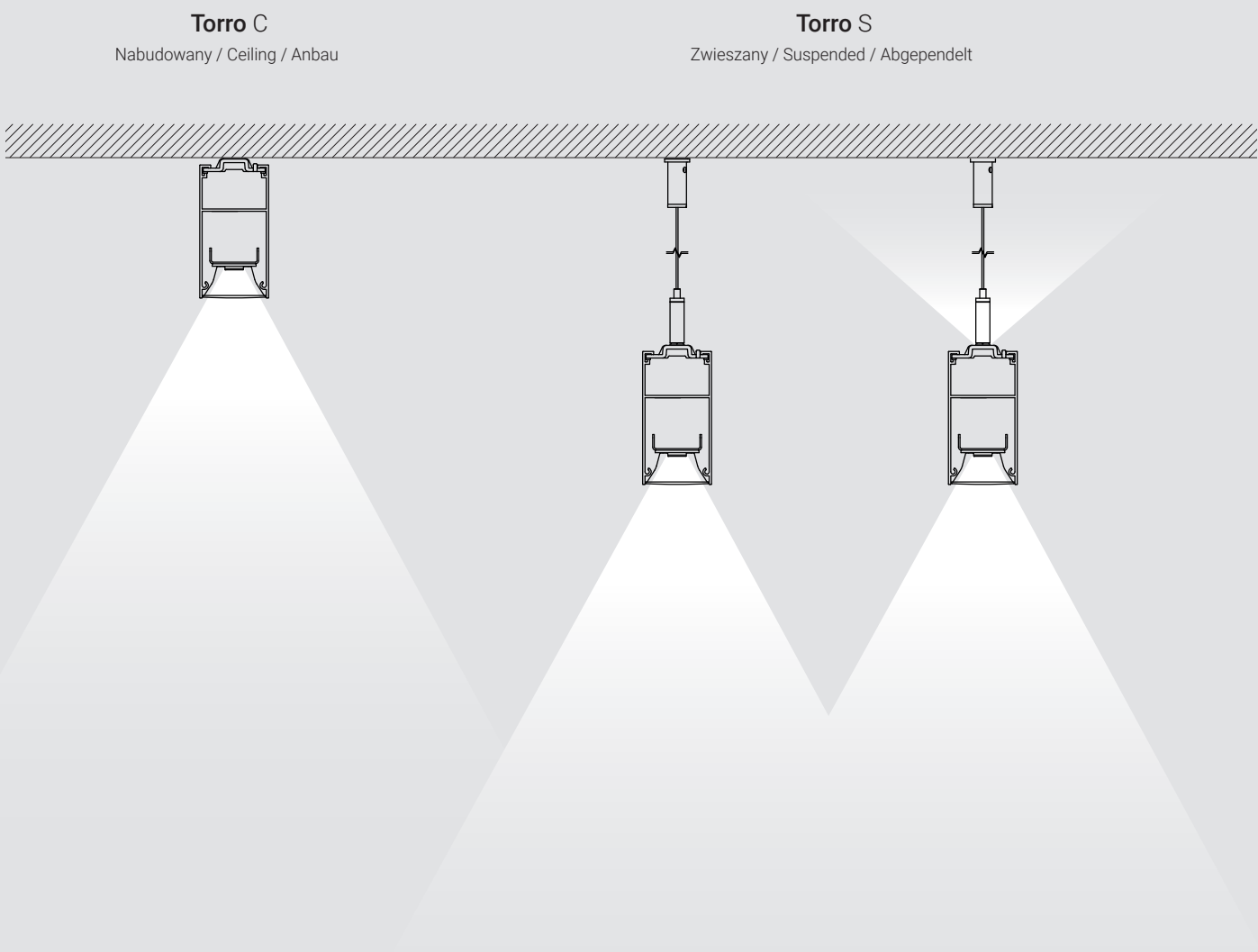
Sein Ziel ist es, mit der Modularität der verfügbaren Lösungen, dem schlanken Design und UGR<19 eine komfortable Arbeitserfahrung zu bieten. Zusätzlich zu den Standard-Leuchtenkonfigurationen ist es möglich, eine spezielle Lösung nach den Anforderungen des Kunden zusammenzustellen.





Torro

C, S



Dwa warianty montażowe.

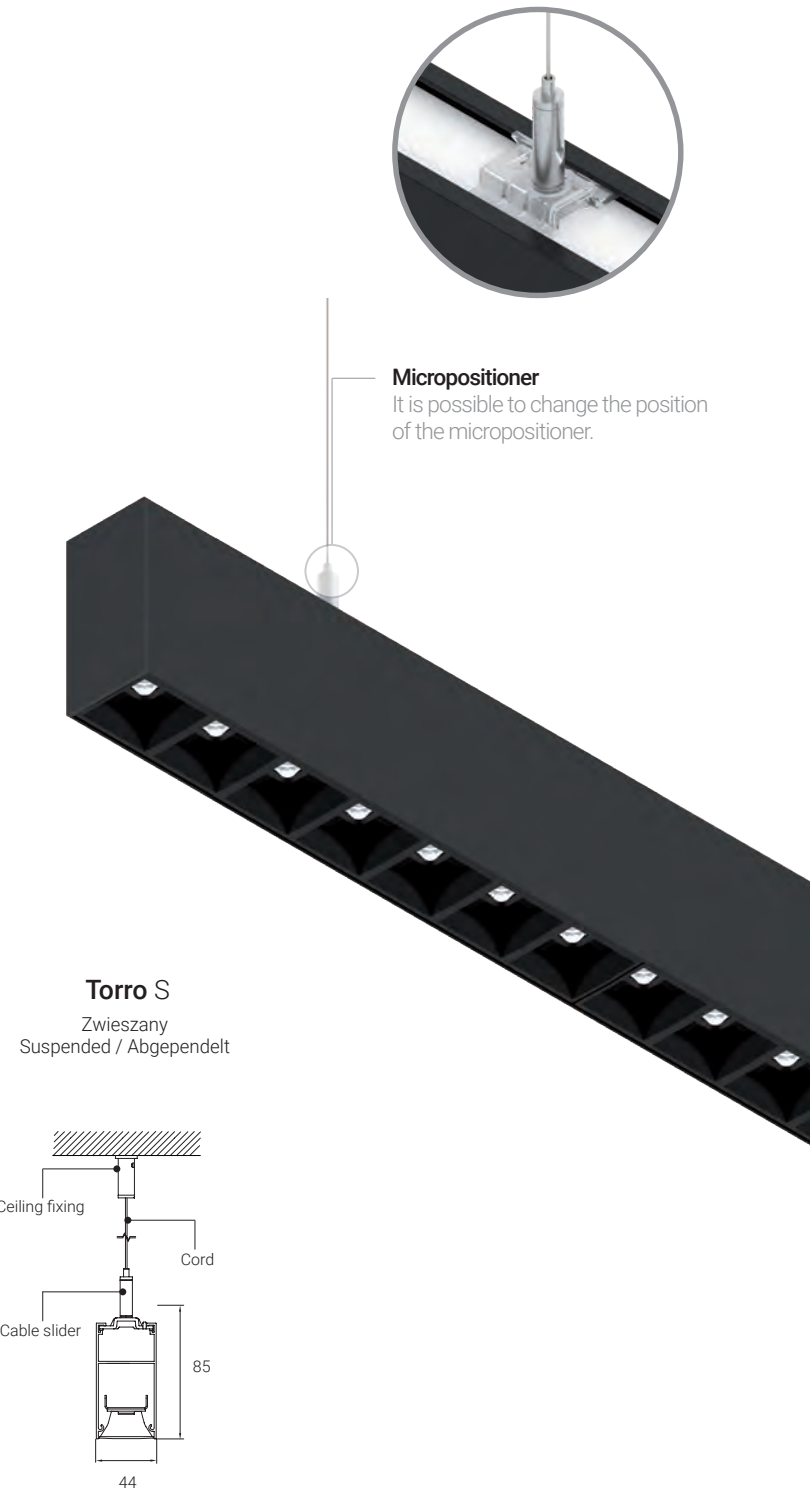
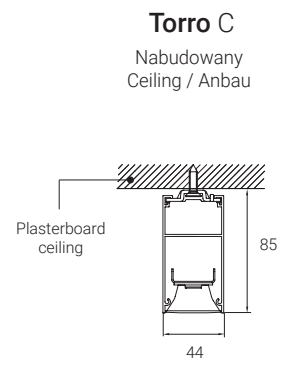
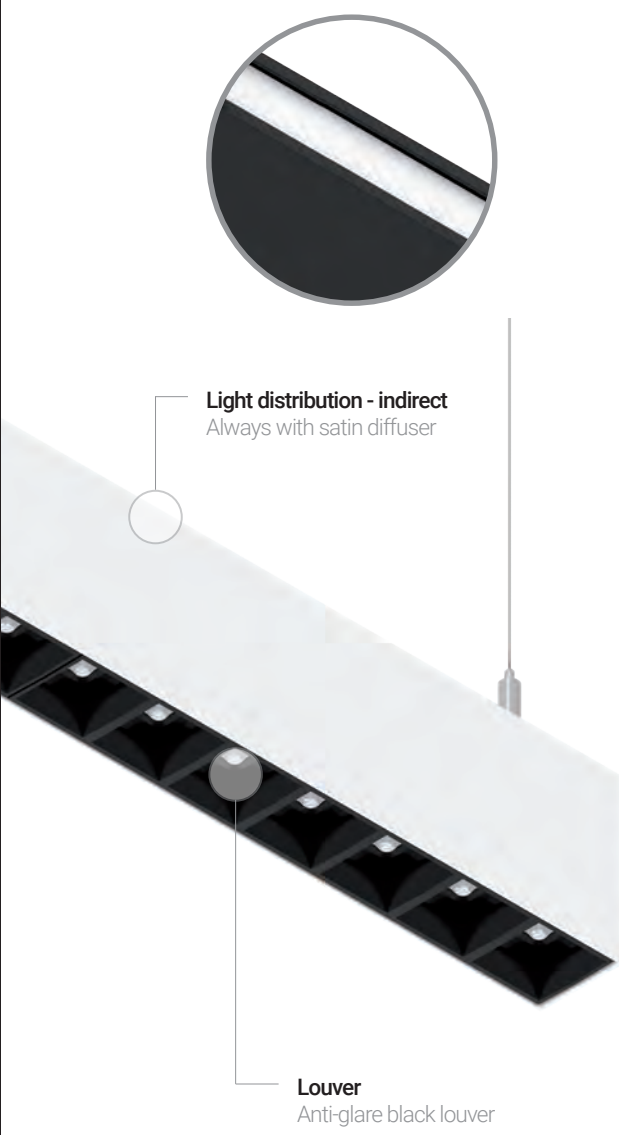
Unikatowy system zawiesi daje duże możliwości aranżacji zawieszenia oprawy do sufitu.

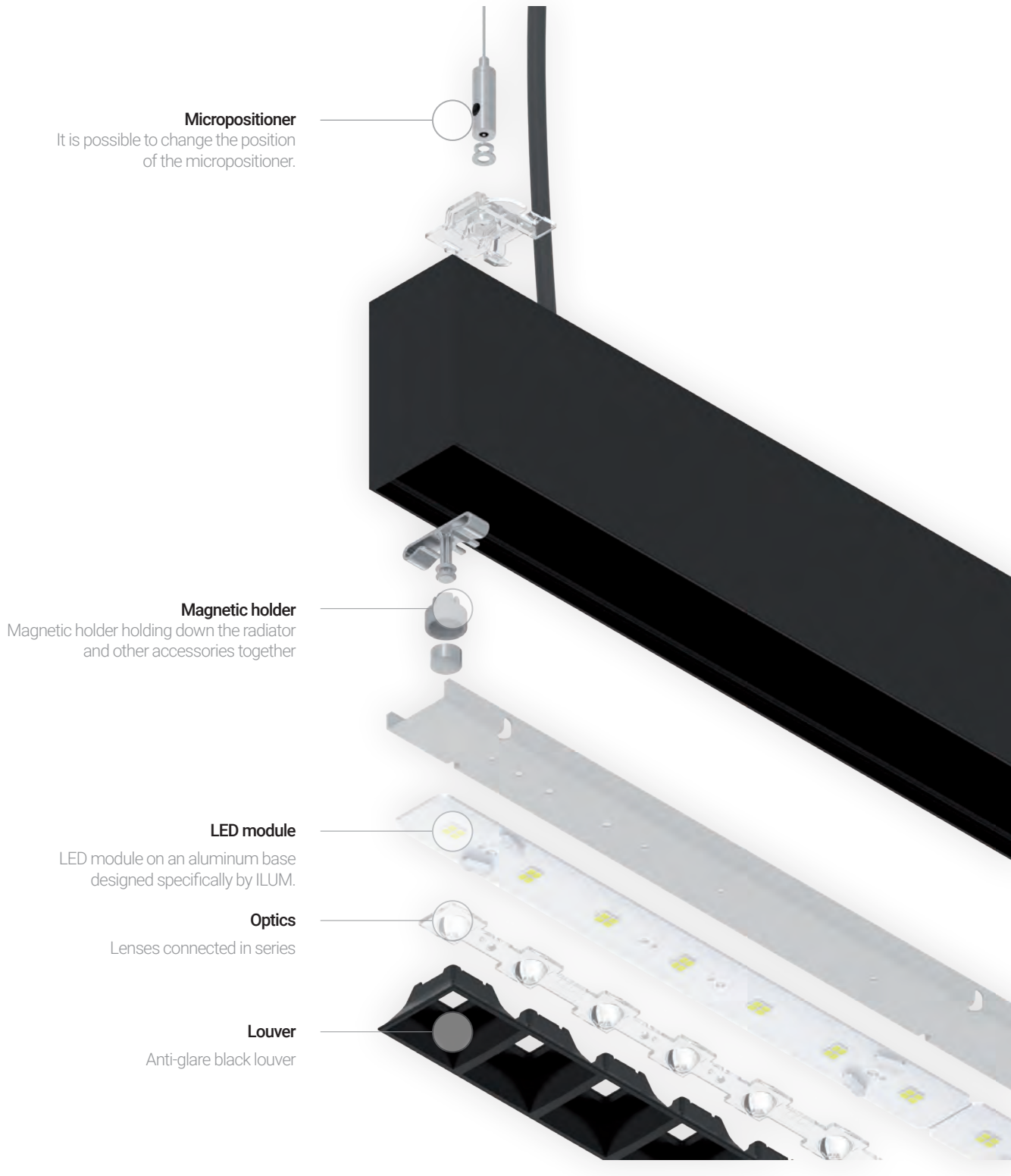
Two installation variants

The unique suspension system provides extensive possibilities for arranging the suspension of the luminaire to the ceiling.

Zwei Montage Varianten.

Das einzigartige Abhängesystem bietet umfangreiche Möglichkeiten, die Aufhängung der Leuchte an der Decke zu gestalten.





Technologia

Wysokosprawny układ optyczny zapewnia skuteczność świetlna lampy nawet do 145 lm/W .

Technology

The high-performance optics provide luminous efficacy up to 145lm/W.

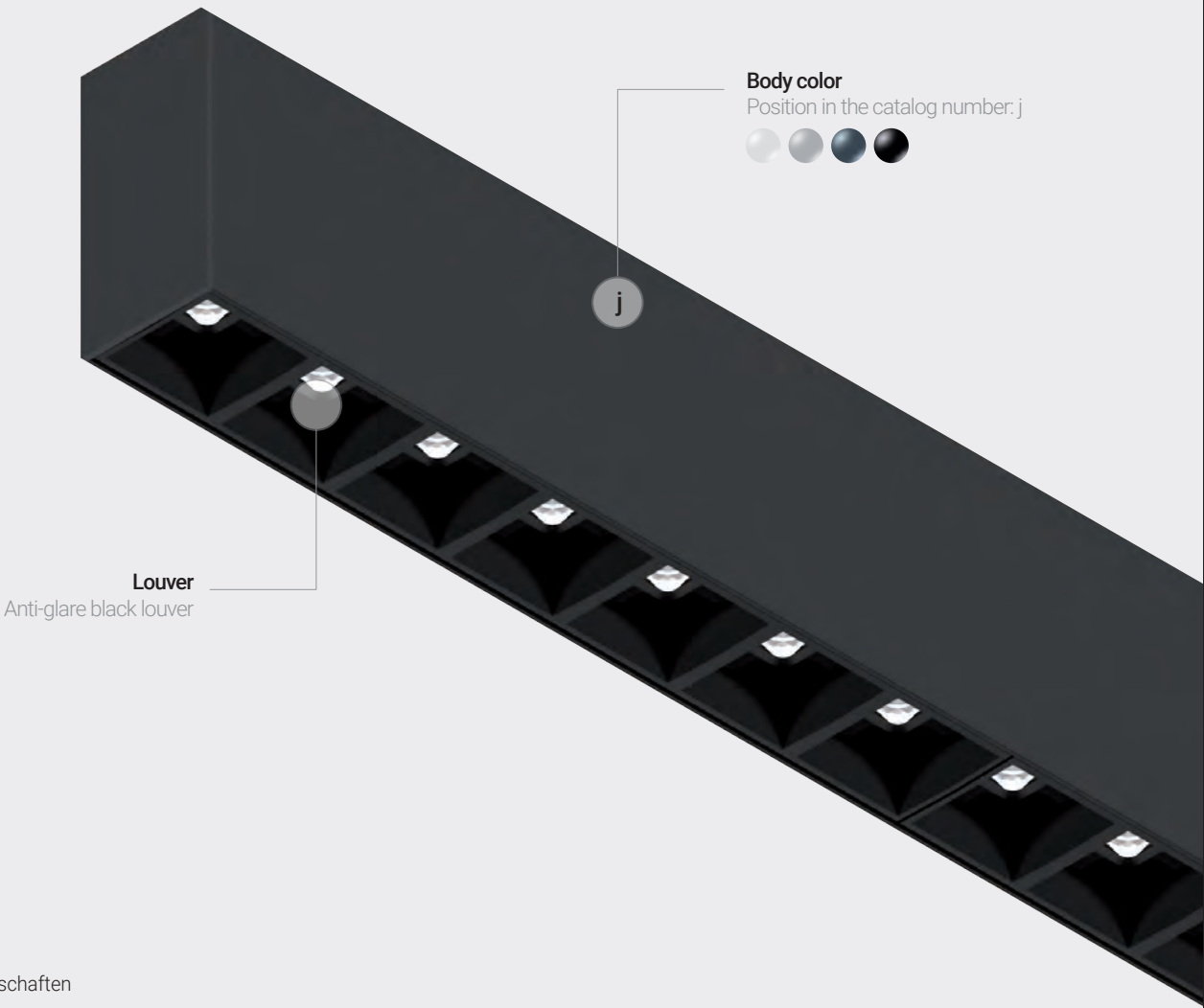
Technologie

Hochleistungsoptiken bieten eine Lichtausbeute von bis zu 145 lm/W .



Torro

C



Body color
Position in the catalog number: j

● ● ● ●

Louver
Anti-glare black louver

Cechy | Features | Eigenschaften

LED	3000K 4000K	CRI>80	SDCM ≤ 3	50000h L80 B10	IP20	ON/OFF DALI	220 - 240V 50-60HZ		CE
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Colours: ● ● ● ●

PL
Montaż: nabudowany.
Źródło światła: PCB LED, 3000K / 4000K, CRI> 80, MacAdam ≤ 3, 50000h L80B10.
Moc oprawy: low output (LO), high efficiency (HE), high output (HO).
Optyka: soczewka 60° z antyolśnieniowym czarnym rastrem.
Rozsył światła: bezpośredni.
Obudowa: wytłaczany profil aluminiowy malowany proszkowo.
Sterowanie: ON/OFF lub DALI.
Stopień ochrony: IP20

EN
Mounting: ceiling built-on.
Light source: PCB LED, 3000K / 4000K, CRI> 80, MacAdam ≤ 3, 50000h L80B10.
Luminaire power: low output (LO), high efficiency (HE), high output (HO).
Optic: lens 60° with anit-glare black louver.
Light distribution: direct.
Housing: powder coated extruded aluminum profile.
Control: ON / OFF or DALI.
IP protection: IP20

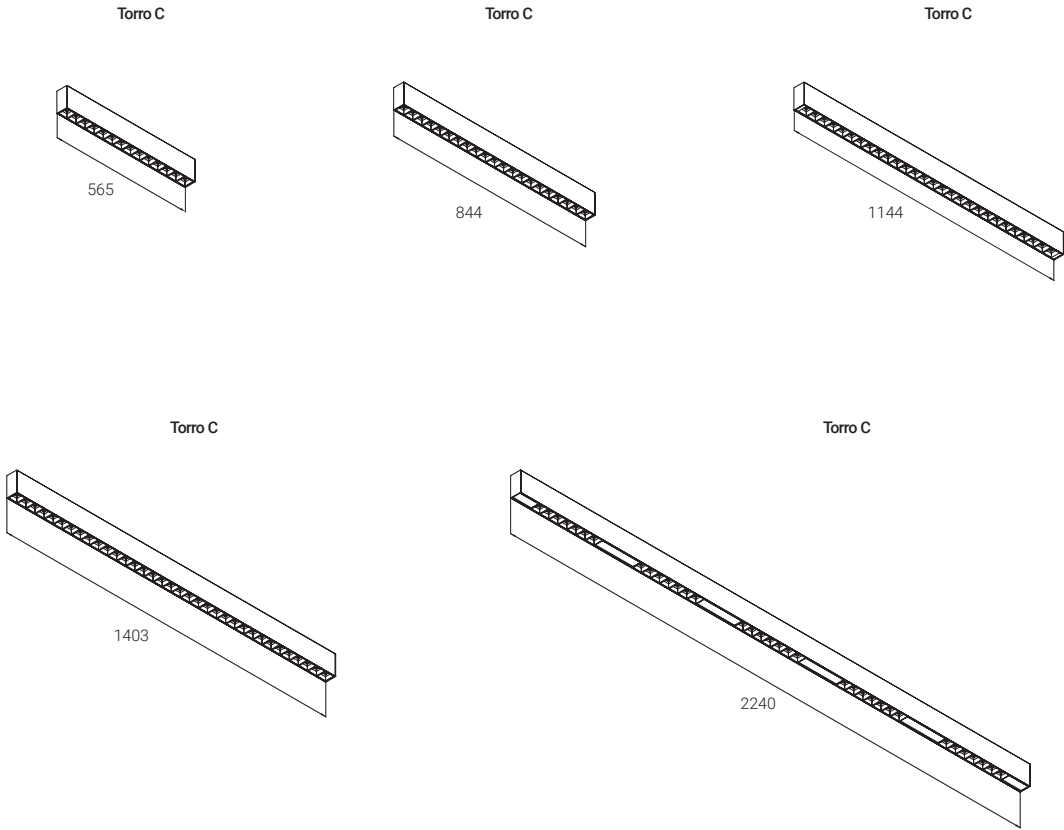
DE
Installation: angebaut.
Lichtquelle: PCB LED, 3000K / 4000K, CRI> 80, MacAdam ≤ 3, 50000h L80B10.
Leuchtenleistung: low output (LO), high efficiency (HE), high output (HO).
Optik: 60° Linse mit blendfreiem schwarzem Raster.
Lichtverteilung: Direkt.
Gehäuse: Aluminium-Strangpressprofil, pulverbeschichtet.
Steuerung: EIN-AUS oder DALI.
Schutzart : IP20

Torro C
DIRECT



	Type	Lenght	Power	Luminaire flux *	Code
Version with LED CC LO (Low Output)	Torro C	565 mm	7.4 W	lens 60° UGR<19 1036 lm	5.3101.02C1.fg5Wj0
	Torro C	844 mm	11.1 W	1554 lm	5.3101.03C1.fg5Wj0
	Torro C	1144 mm	14.7 W	2072 lm	5.3101.04C1.fg5Wj0
	Torro C	1403 mm	18.4 W	2590 lm	5.3101.05C1.fg5Wj0
	Torro C	2240 mm	18.4 W	2590 lm	5.3101.06C1.fg5Wj0
Version with LED CC HE (High Efficiency)	Torro C	565 mm	8.1 W	1176 lm	5.3101.02C1.fg6Wj0
	Torro C	844 mm	12.1 W	1764 lm	5.3101.03C1.fg6Wj0
	Torro C	1144 mm	16.1 W	2352 lm	5.3101.04C1.fg6Wj0
	Torro C	1403 mm	20.1 W	2940 lm	5.3101.05C1.fg6Wj0
	Torro C	2240 mm	20.1 W	2940 lm	5.3101.06C1.fg6Wj0
Version with LED CC HO (High Output)	Torro C	565 mm	12.2 W	1652 lm	5.3101.02C1.fg7Wj0
	Torro C	844 mm	18.3 W	2478 lm	5.3101.03C1.fg7Wj0
	Torro C	1144 mm	24.5 W	3304 lm	5.3101.04C1.fg7Wj0
	Torro C	1403 mm	30.6 W	4130 lm	5.3101.05C1.fg7Wj0
	Torro C	2240 mm	30.6 W	4130 lm	5.3101.06C1.fg7Wj0

* Strumień świetlny oprawy podany dla 4000K.
Fixture lumen output data refer to 4000K.
Lichtstrom der Leuchte spezifiziert für 4000K.

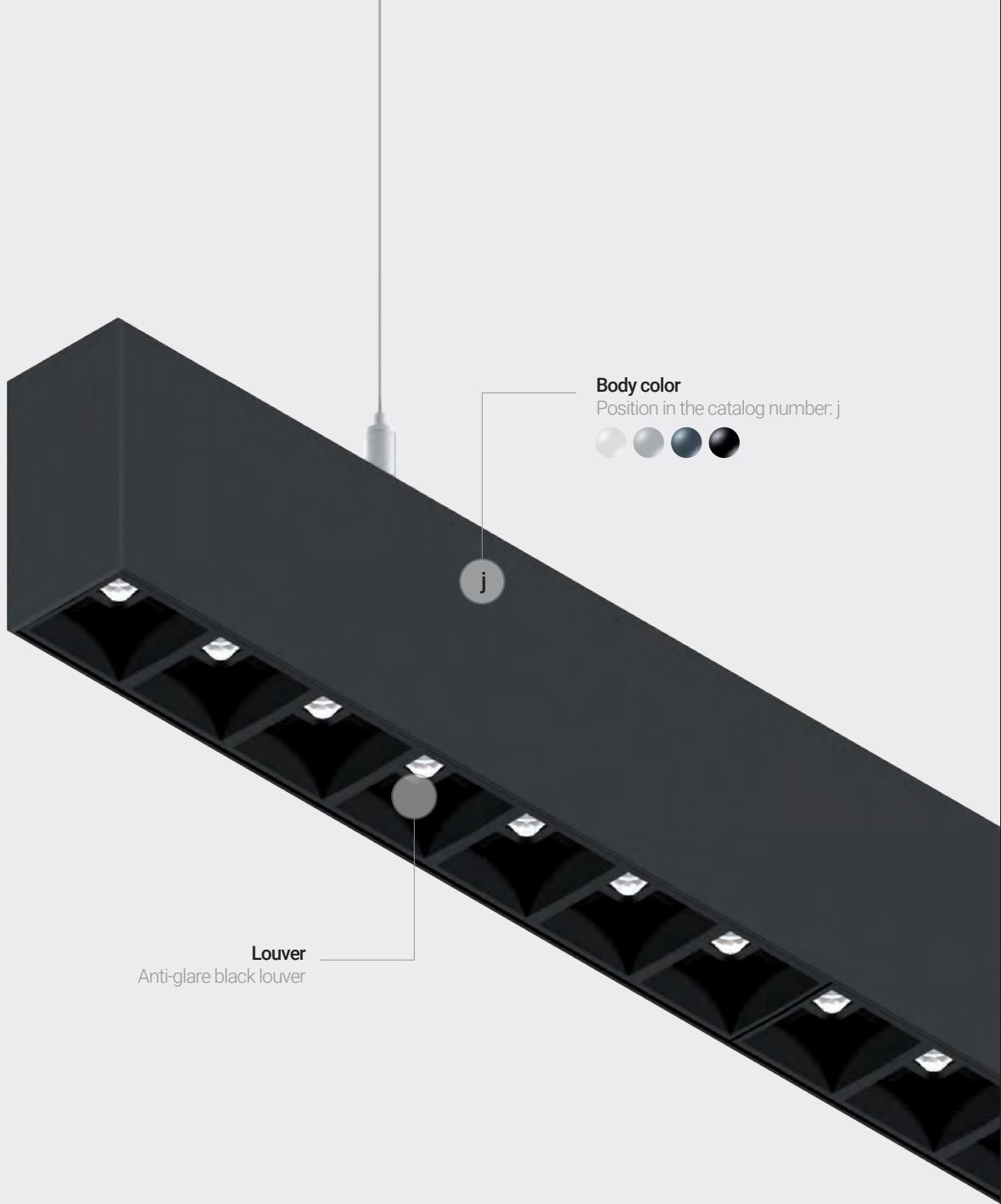


Driver	f	LED color	g	Finishing	j
ON/OFF	1	830	2	white (RAL9016)	4
DALI	2	840	3	black (RAL9005)	5
				fog (RAL7038)	G
				graphite (RAL7024)	H





Torro
S



Cechy | Features | Eigenschaften

LED	3000K 4000K	CRI>80	SDCM ≤ 3	50000h L80 B10	IP20	ON/OFF DALI	220 - 240V 50-60HZ			Colours:
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PL
Montaż: zwieszany.
Źródło światła: PCB LED, 3000K / 4000K, CRI> 80, MacAdam ≤ 3, 50000h L80B10.
Moc oprawy: low output (LO), high efficiency (HE), high output (HO).
Optyka: soczewka 60° z antyolśnieniowym czarnym rastrem.
Rozsył światła: bezpośredni.
Obudowa: wytłaczany profil aluminiowy malowany proszkowo.
Sterowanie: ON/OFF lub DALI.
Stopień ochrony: IP20

EN
Mounting: suspended.
Light source: PCB LED, 3000K / 4000K, CRI> 80, MacAdam ≤ 3, 50000h L80B10.
Luminaire power: low output (LO), high efficiency (HE), high output (HO).
Optic: lens 60° with anit-glare black louver.
Light distribution: direct.
Housing: powder coated extruded aluminum profile.
Control: ON / OFF or DALI.
IP protection: IP20

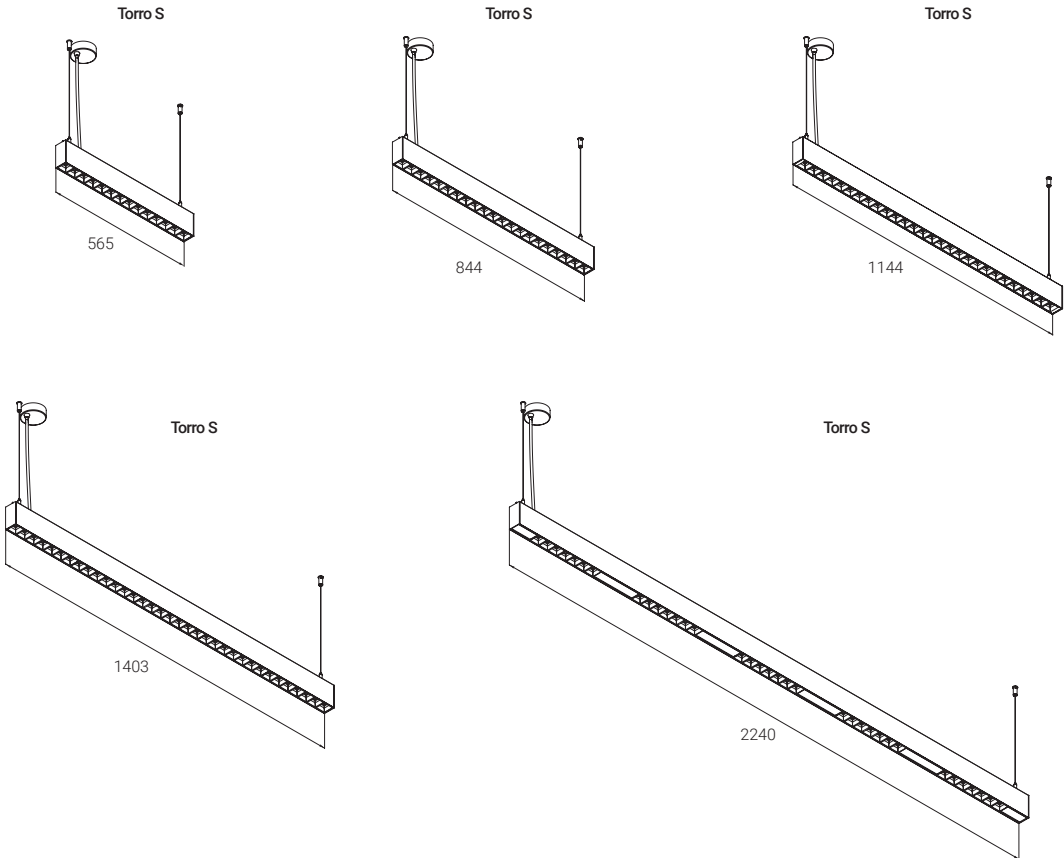
DE
Installation: abgependelt.
Lichtquelle: PCB LED, 3000K / 4000K, CRI> 80, MacAdam ≤ 3, 50000h L80B10.
Leuchtenleistung: low output (LO), high efficiency (HE), high output (HO).
Optik: 60° Linse mit blendfreiem schwarzem Raster.
Lichtverteilung: Direkt.
Gehäuse: Aluminium-Strangpressprofil, pulverbeschichtet.
Steuerung: EIN-AUS oder DALI.
Schutzart : IP20

Torro S
DIRECT



	Type	Lenght	Power	Luminaire flux *	Code
Version with LED CC LO (Low Output)	Torro S	565 mm	7.4 W	lens 60° UGR<19 1036 lm	5.3102.02D1.fg5Wj0
	Torro S	844 mm	11.1 W	1554 lm	5.3102.03D1.fg5Wj0
	Torro S	1144 mm	14.7 W	2072 lm	5.3102.04D1.fg5Wj0
	Torro S	1403 mm	18.4 W	2590 lm	5.3102.05D1.fg5Wj0
	Torro S	2240 mm	18.4 W	2590 lm	5.3102.06D1.fg5Wj0
Version with LED CC HE (High Efficiency)	Torro S	565 mm	8.1 W	1176 lm	5.3102.02D1.fg6Wj0
	Torro S	844 mm	12.1 W	1764 lm	5.3102.03D1.fg6Wj0
	Torro S	1144 mm	16.1 W	2352 lm	5.3102.04D1.fg6Wj0
	Torro S	1403 mm	20.1 W	2940 lm	5.3102.05D1.fg6Wj0
	Torro S	2240 mm	20.1 W	2940 lm	5.3102.06D1.fg6Wj0
Version with LED CC HO (High Output)	Torro S	565 mm	12.2 W	1652 lm	5.3102.02D1.fg7Wj0
	Torro S	844 mm	18.3 W	2478 lm	5.3102.03D1.fg7Wj0
	Torro S	1144 mm	24.5 W	3304 lm	5.3102.04D1.fg7Wj0
	Torro S	1403 mm	30.6 W	4130 lm	5.3102.05D1.fg7Wj0
	Torro S	2240 mm	30.6 W	4130 lm	5.3102.06D1.fg7Wj0

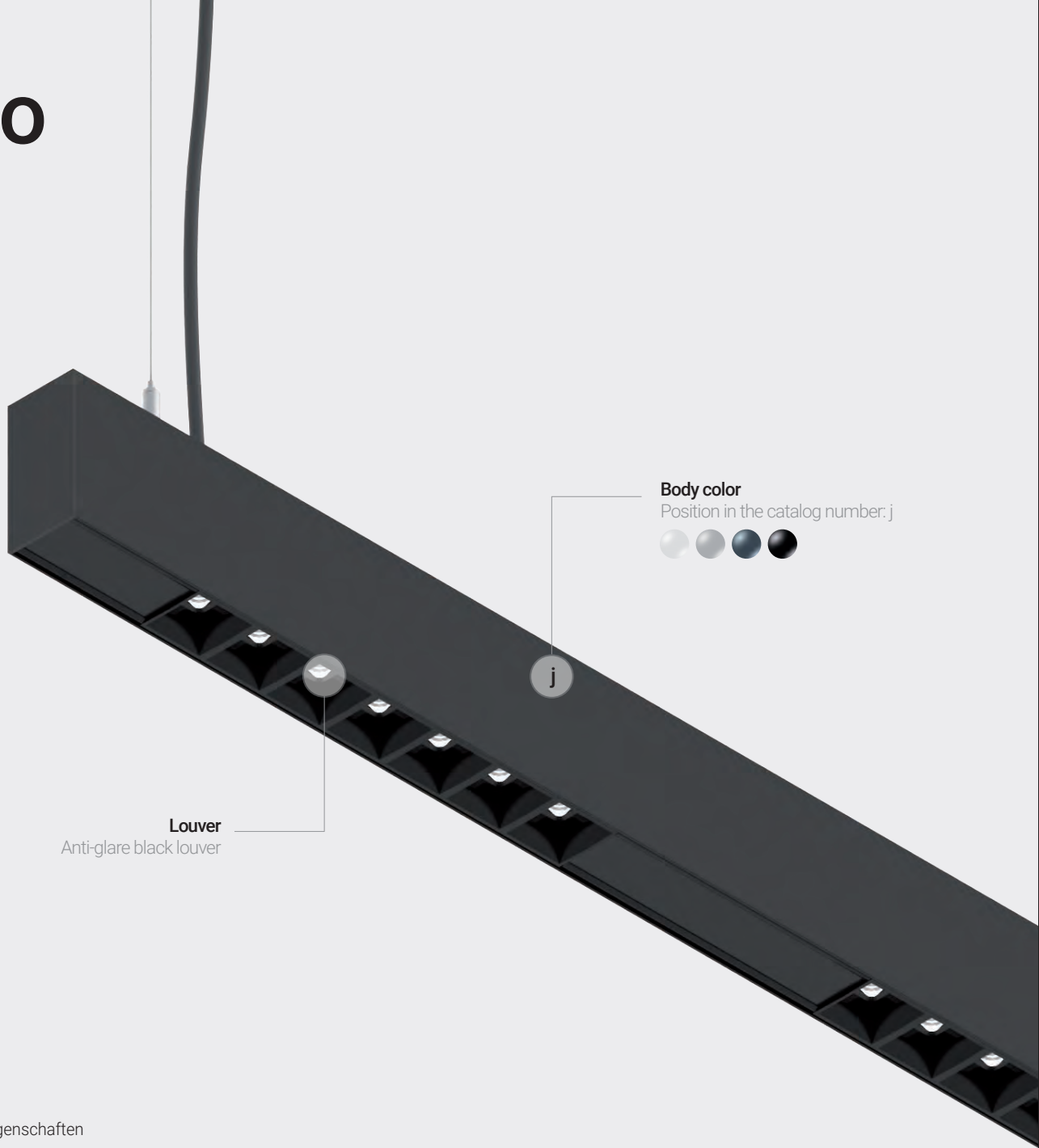
* Strumień świetlny oprawy podany dla 4000K.
Fixture lumen output data refer to 4000K.
Lichtstrom der Leuchte spezifiziert für 4000K.



Driver	f	LED color	g	Finishing	j
ON/OFF	1	830	2	white (RAL9016)	4
DALI	2	840	3	black (RAL9005)	5
				fog (RAL7038)	G
				graphite (RAL7024)	H



Torro
S



Cechy | Features | Eigenschaften

LED	3000K 4000K	CRI>80	SDCM ≤ 3	50000h L80 B10	IP20	ON/OFF DALI	220 - 240V 50-60HZ		
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Colours:

PL
Montaż: zwieszany.
Źródło światła: PCB LED, 3000K / 4000K, CRI> 80, MacAdam ≤ 3, 50000h L80B10.
Moc oprawy: low output (LO), high efficiency (HE), high output (HO).
Optyka: soczewka 60° z antyolśnieniowym czarnym rastrem.
Rozsył światła: bezpośredni / pośredni.
Obudowa: wytłaczany profil aluminiowy malowany proszkowo.
Sterowanie: ON/OFF lub DALI.
Stopień ochrony: IP20

EN
Mounting: suspended.
Light source: PCB LED, 3000K / 4000K, CRI> 80, MacAdam ≤ 3, 50000h L80B10.
Luminaire power: low output (LO), high efficiency (HE), high output (HO).
Optic: lens 60° with anit-glare black louver.
Light distribution: direct / indirect.
Housing: powder coated extruded aluminum profile.
Control: ON / OFF or DALI.
IP protection: IP20

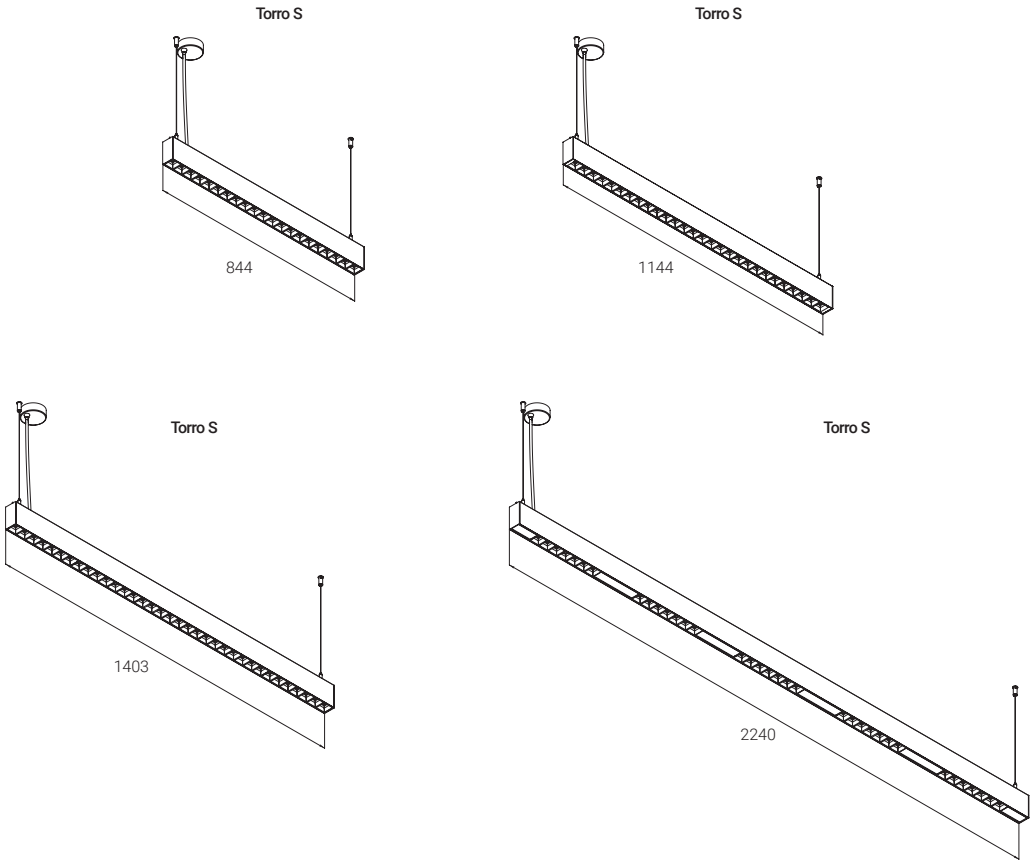
DE
Installation: abgependelt.
Lichtquelle: PCB LED, 3000K / 4000K, CRI> 80, MacAdam ≤ 3, 50000h L80B10.
Leuchtenleistung: low output (LO), high efficiency (HE), high output (HO).
Optik: 60° Linse mit blendfreiem schwarzem Raster.
Lichtverteilung: Direkt/Indirekt.
Gehäuse: Aluminium-Strangpressprofil, pulverbeschichtet.
Steuerung: EIN-AUS oder DALI.
Schutzart : IP20

Torro S
DIRECT/INDIRECT



	Type	Lenght	Power	Luminaire flux *	Code
Version with LED CC LO (Low Output)	Torro S	844 mm	11.1 + 6.2 W	lens 60° UGR<19 1554 + 670 lm	5.3103.03i1.fg5Wj0
	Torro S	1144 mm	14.7 + 8.6 W	2072 + 938 lm	5.3103.04i1.fg5Wj0
	Torro S	1403 mm	18.4 + 10.5 W	2590 + 1139 lm	5.3103.05i1.fg5Wj0
	Torro S	2240 mm	18.4 + 17.9 W	2590 + 1943 lm	5.3103.06i1.fg5Wj0
Version with LED CC HE (High Efficiency)	Torro S	844 mm	12.1 + 6.7 W	1764 + 710 lm	5.3103.03i1.fg6Wj0
	Torro S	1144 mm	16.1 + 9.4 W	2352 + 994 lm	5.3103.04i1.fg6Wj0
	Torro S	1403 mm	20.1 + 11.4 W	2940 + 1207 lm	5.3103.05i1.fg6Wj0
	Torro S	2240 mm	20.1 + 19.5 W	2940 + 2059 lm	5.3103.06i1.fg6Wj0
Version with LED CC HO (High Output)	Torro S	844 mm	18.3 + 10.1 W	2478 + 1060 lm	5.3103.03i1.fg7Wj0
	Torro S	1144 mm	24.5 + 14.1 W	3304 + 1484 lm	5.3103.04i1.fg7Wj0
	Torro S	1403 mm	30.6 + 17.1 W	4130 + 1802lm	5.3103.05i1.fg7Wj0
	Torro S	2240 mm	30.6 + 29.2 W	4130 + 3074lm	5.3103.06i1.fg7Wj0

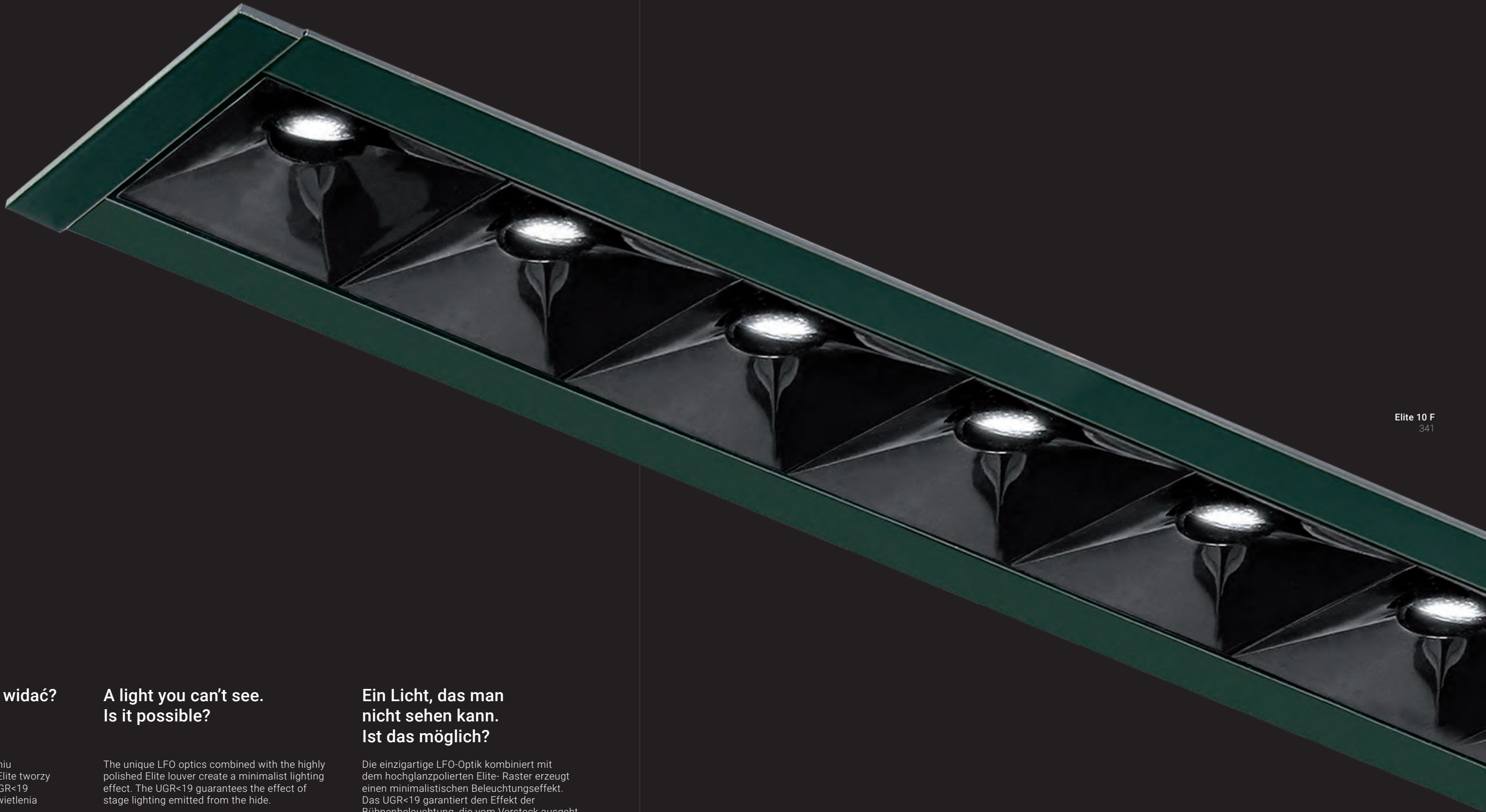
* Strumień świetlny oprawy podany dla 4000K.
Fixture lumen output data refer to 4000K.
Lichtstrom der Leuchte spezifiziert für 4000K.



Driver	f	LED color	g	Finishing	j
ON/OFF	1	830	2	white (RAL9016)	4
DALI	2	840	3	black (RAL9005)	5
				fog (RAL7038)	G
				graphite (RAL7024)	H







Elite 10 F
341

**Światło, którego nie widać?
Czy to możliwe?**

Unikatowa optyka LFO w połączeniu z wysoko polerowanym rastrem Elite tworzy minimalistyczny efekt świetlny. UGR<19 gwarantuje efekt scenicznego oświetlenia emitowanego z ukrycia.

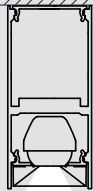
**A light you can't see.
Is it possible?**

The unique LFO optics combined with the highly polished Elite louver create a minimalist lighting effect. The UGR<19 guarantees the effect of stage lighting emitted from the hide.

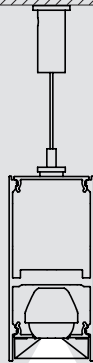
**Ein Licht, das man
nicht sehen kann.
Ist das möglich?**

Die einzigartige LFO-Optik kombiniert mit dem hochglanzpolierten Elite-Raster erzeugt einen minimalistischen Beleuchtungseffekt. Das UGR<19 garantiert den Effekt der Bühnenbeleuchtung, die vom Versteck ausgeht.

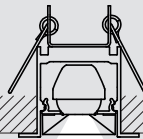
Elite C
Nabudowany / Ceiling / Anbau



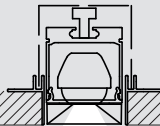
Elite S
Zwieszany / Suspended / Abgependelt



Elite F
Wbudowany z ramką / Frame / Einbau mit Rahmen



Elite T
Wbudowany bezramkowy / trimless / Einbau Rahmenlos



Cztery warianty montażowe.

Dzięki różnym możliwościom montażu oprawy Elite wkomponują się w każdą aranżację wnętrza nadając mu teatralnego charakteru.

Four installation variants.

Thanks to the various mounting options, Elite luminaires blend in any interior design, giving it a theatrical character.

Vier Montage Varianten.

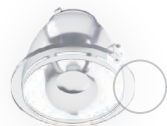
Mit einer Vielzahl von Montagemöglichkeiten fügen sich die Elite-Leuchten in jede Inneneinrichtung ein und verleihen ihr ein theatrales Ambiente.





LED module

LED module on an aluminum base designed specifically by ILUM.



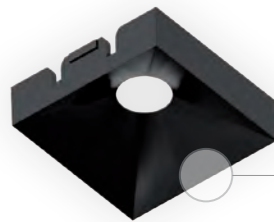
Bartenbach LFO lens

Bartenbach LFO lens - specially designed optics form the light in such a way that it is possible to hide the light source and shine through a small hole. It minimizes the glare effect and provides the functionality of a standard lens



The lens cover

The lens cover made of silicone rubber modulates the light beam in a way to emit as much as possible light outside.



Anti-glare louver

Highly polished louver ensures elegant design and minimal glare.

Technologia LFO

Technologia LFO opracowana przez naukowców z laboratorium Bartenbach w Austrii emituje światło przez 9-cio milimetrowe otwory w sposób niewidoczny dla oka. Połączenie tego zjawiska z wysoko polerowanym rastrem Elite zaprojektowanym przez zespół ILUM sprawiło, iż odbiorca nie widzi skąd świeci oprawa, a emitowane światło jest przyjazne dla użytkownika. Końcowy efekt zapewnia wyjątkowy komfort przebywania w tak oświetlonym pomieszczeniu.

LFO technology

The LFO technology, developed by scientists from the Bartenbach laboratory in Austria emits light through 9 millimeter hole invisibly to the eye. The combination of this phenomenon with the highly polished Elite louver designed by the ILUM team ensures that the viewer cannot see where the light is coming from and the emitted light is user-friendly. The final effect provides a unique comfort of staying in such illuminated room.

LFO-Technologie

Die LFO-Technologie, die von Wissenschaftlern des Bartenbach-Labors in Österreich entwickelt wurde, strahlt das Licht durch eine für das Auge unsichtbare 9-Millimeter-Bohrung ab. Die Kombination dieses Phänomens mit dem hochglanzpolierten Elite-Raster, das vom ILUM-Team entworfen wurde, sorgt dafür, dass der Beobachter nicht sehen kann, woher das Licht kommt, und dass das emittierte Licht benutzerfreundlich ist. Der endgültige Effekt bietet einen einzigartigen Komfort beim Aufenthalt in einem solchen beleuchteten Raum.

Elite
C, S, F, T

Zdrowe światło

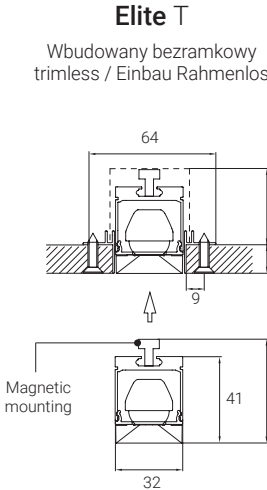
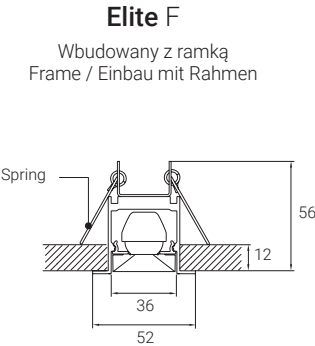
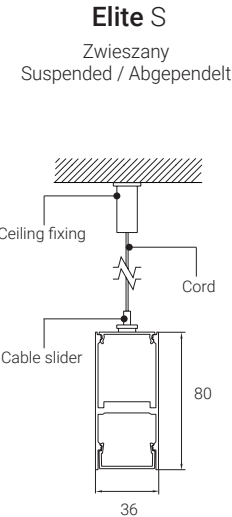
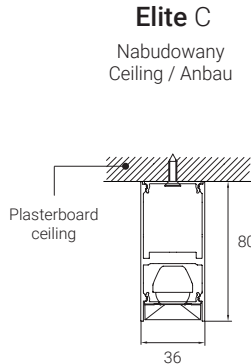
Dzięki niskiemu wskaźnikowi UGR <19, efekt olśnienia jest zredukowany, zapewniając ekskluzywną jakość oświetlenia i absolutny komfort widzenia.

Healthy light

Thanks to the low UGR index <19, the glare effect is reduced and exclusive lighting quality and absolute visual comfort are achieved.

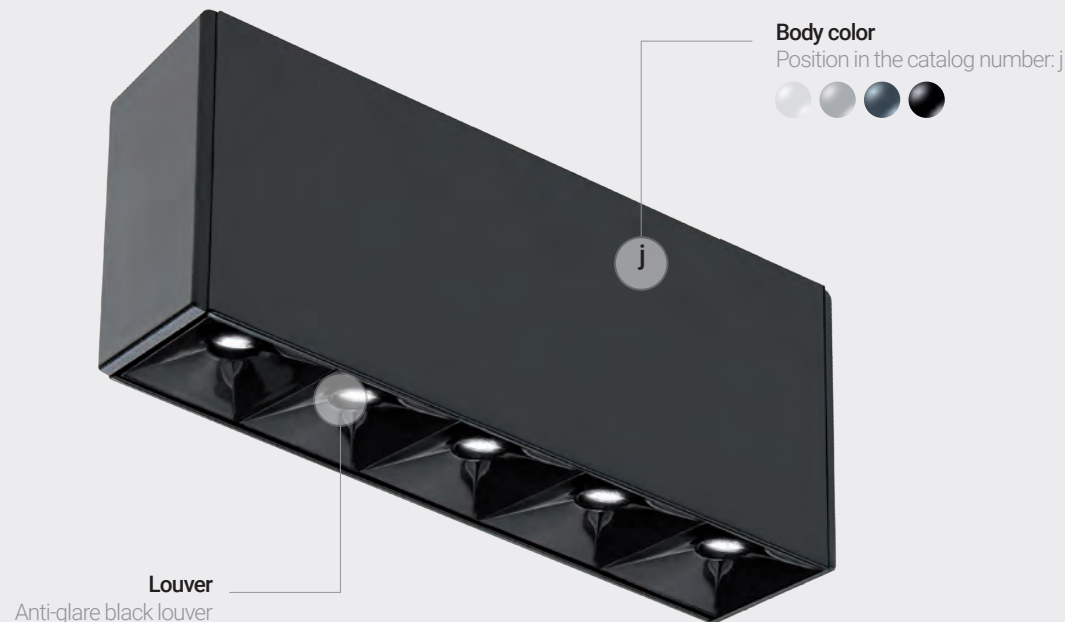
Gesundes Licht

Dank des niedrigen UGR-Index <19, wird die Blendwirkung reduziert und eine exklusive Beleuchtungsqualität und absoluter Sehkomfort erreicht.





Elite C



Cechy | Features | Eigenschaften

LED	3000K 4000K	CRI>80	SDCM ≤ 3	50000h L80 B10	IP20	ON/OFF DALI	220 - 240V 50-60HZ			Colours:
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PL

Montaż: nabudowany.

Źródło światła: PCB LED, 3000K / 4000K, CRI> 80, MacAdam ≤ 3, 50000h L80B10.

Moc oprawy: high output (HO).

Optyka: soczewka 30°/60° z antyolśnieniowym czarnym rastrem.

Rozsył światła: bezpośredni.

Obudowa: wytłaczany profil aluminiowy malowany proszkowo.

Sterowanie: ON/OFF lub DALI.

Stopień ochrony: IP20

EN

Mounting: ceiling built-on.

Light source: PCB LED, 3000K / 4000K, CRI> 80, MacAdam ≤ 3, 50000h L80B10.

Luminaire power: lhigh output (HO).

Optic: lens 30°/60° with anit-glare black louver.

Light distribution: direct.

Housing: powder coated extruded aluminum profile.

Control: ON / OFF or DALI.

IP protection: IP20

DE

Installation: angebaut.

Lichtquelle: PCB LED, 3000K / 4000K, CRI> 80, MacAdam ≤ 3, 50000h L80B10.

Leuchtenleistung: high output (HO).

Optik: 30°/60° Linse mit blendfreiem schwarzem Raster.

Lichtverteilung: Direkt.

Gehäuse: Aluminium-Strangpressprofil, pulverbeschichtet.

Steuerung: EIN-AUS oder DALI.

Schutzart : IP20

Elite C DIRECT



Version with
LED CC HO
(High Output)

Type	Lenght	Power	Luminaire flux *		Code
			lens 30° UGR<19	lens 60° UGR<19	
Elite 1 C	39 mm	2.2 W	195 lm	200 lm	5.3001.01C1.0g7ij0
Elite 2 C	71 mm	4.5 W	390 lm	400 lm	5.3001.02C1.0g7ij0
Elite 3 C	103 mm	6.7 W	585 lm	600 lm	5.3001.03C1.0g7ij0
Elite 5 C	167 mm	11.2 W	975 lm	1000 lm	5.3001.05C1.0g7ij0
Elite 8 C	263 mm	17.9 W	1560 lm	1600 lm	5.3001.08C1.fg7ij0
Elite 10 C	327 mm	22.4 W	1950 lm	2000 lm	5.3001.10C1.fg7ij0
Elite 12 C	391 mm	26.9 W	2340 lm	2400 lm	5.3001.12C1.fg7ij0

⚠ Dla Elite 1, 2, 3, 5 zasilacz nie jest w komplecie, należy zamówić osobno.
For Elite 1, 2, 3, 5 driver not included, must be ordered separately.
Für Elite 1, 2, 3, 5 ist das Netzteil nicht enthalten, muss separat bestellt werden.

* Strumień świetlny oprawy podany dla 4000K.
Fixture lumen output data refer to 4000K.
Lichtstrom der Leuchte spezifiziert für 4000K.

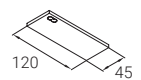
Drivers

Type	Max. numbers of luminaires supplied from one driver								Code
	Elites:	1 C	2 C	3 C	5 C	8 C	10 C	12 C	
Driver 20W 250-700mA max. 59V ON-OFF		9 pcs.	4 pcs.	3 pcs.	1 pcs.	-	-	-	5.3011.0101.1000.00
Driver 45W 500-1400mA max. 50V ON-OFF		12 pcs.	6 pcs.	4 pcs.	2 pcs.	-	-	-	5.3012.0201.1000.00
Driver 20W 250-700mA max. 55V DALI		9 pcs.	4 pcs.	3 pcs.	1 pcs.	-	-	-	5.3015.0301.2000.00
Driver 45W 500-1400mA max. 50V DALI		12 pcs.	6 pcs.	4 pcs.	2 pcs.	-	-	-	5.3016.0401.2000.00

Elite Accessoriess

Type	Dimensions	Code
Driver cover	120 x 45 mm	5.3020.0100.0000.40

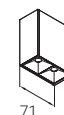
⚠ Zaślepka zasilacza rekomendowana dla Elite 1, 2, 3 i 5 (rewizja serwisowa).
Driver cover recommended for ELITE 1, 2, 3 and 5 (service revision).
Treiberabdeckung empfohlen für ELITE 1, 2, 3 und 5 (Service Revision).



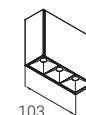
Elite 1 C



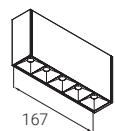
Elite 2 C



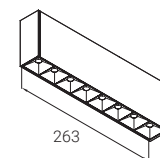
Elite 3 C



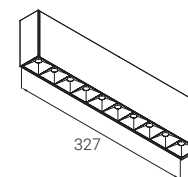
Elite 5 C



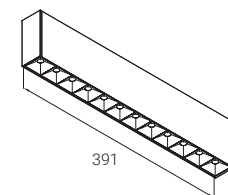
Elite 8 C



Elite 10 C



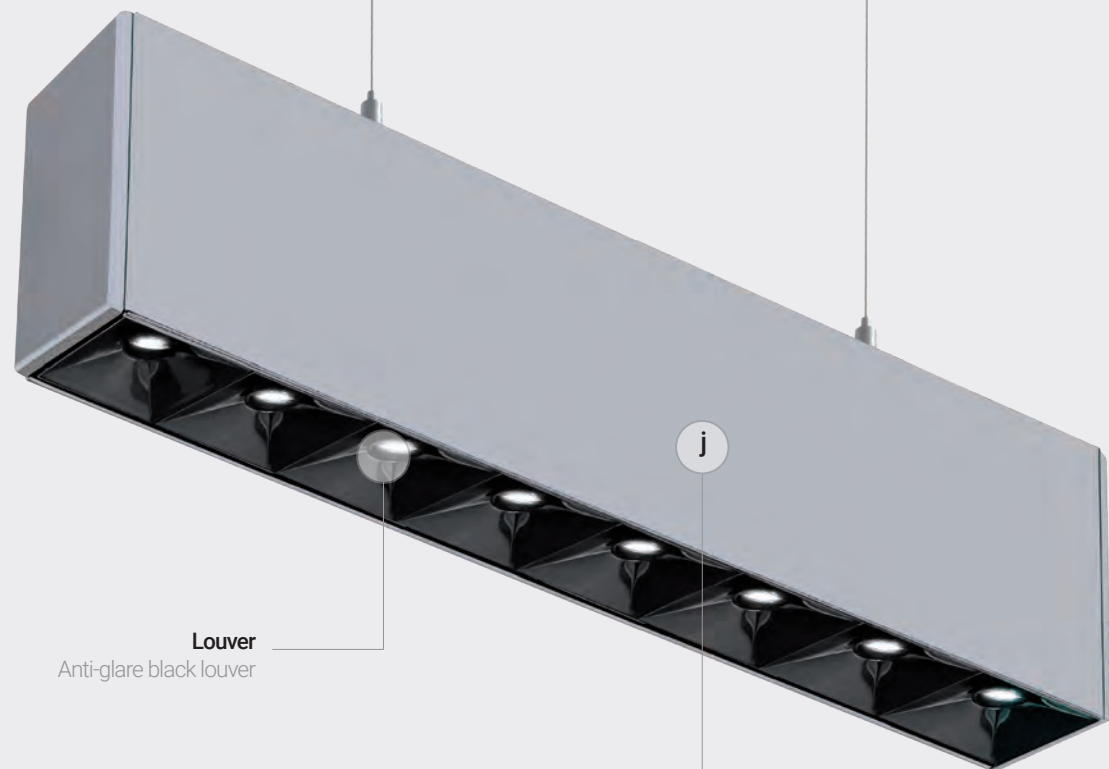
Elite 12 C



Driver	f	LED color	g	Beam angle	i	Finishing	j
ON/OFF	1	830	2	30°	M	white (RAL9016)	4
DALI	2	840	3	60°	W	black (RAL9005)	5
						fog (RAL7038)	G
						graphite (RAL7024)	H



Elite S



Louver
Anti-glare black louver

Body color
Position in the catalog number: j

Cechy | Features | Eigenschaften

LED	3000K 4000K	CRI>80	SDCM ≤ 3	50000h L80 B10	IP20	ON/OFF DALI	220 - 240V 50-60HZ		
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Colours:

PL

Montaż: zwieszany.

Źródło światła: PCB LED, 3000K / 4000K, CRI> 80, MacAdam ≤ 3, 50000h L80B10.

Moc oprawy: high output (HO).

Optyka: soczewka 30°/60° z antyolśnieniowym czarnym rastrem.

Rozsył światła: bezpośredni.

Obudowa: wytłaczany profil aluminiowy malowany proszkowo.

Sterowanie: ON/OFF lub DALI.

Stopień ochrony: IP20

EN

Mounting: suspended.

Light source: PCB LED, 3000K / 4000K, CRI> 80, MacAdam ≤ 3, 50000h L80B10.

Luminaire power: lhigh output (HO).

Optic: lens 30°/60° with anit-glare black louver.

Light distribution: direct.

Housing: powder coated extruded aluminum profile.

Control: ON / OFF or DALI.

IP protection: IP20

DE

Installation: abgependelt.

Lichtquelle: PCB LED, 3000K / 4000K, CRI> 80, MacAdam ≤ 3, 50000h L80B10.

Leuchtenleistung: high output (HO).

Optik: 30°/60° Linse mit blendfreiem schwarzem Raster.

Lichtverteilung: Direkt.

Gehäuse: Aluminium-Strangpressprofil, pulverbeschichtet.

Steuerung: EIN-AUS oder DALI.

Schutzart : IP20

Elite S DIRECT



Version with
LED CC HO
(High Output)

Type	Lenght	Power	Luminaire flux *		Code
			lens 30° UGR<19	lens 60° UGR<19	
Elite 1 S	39 mm	2.2 W	195 lm	200 lm	5.3002.01D1.0g7ij0
Elite 2 S	71 mm	4.5 W	390 lm	400 lm	5.3002.02D1.0g7ij0
Elite 3 S	103 mm	6.7 W	585 lm	600 lm	5.3002.03D1.0g7ij0
Elite 5 S	167 mm	11.2 W	975 lm	1000 lm	5.3002.05D1.0g7ij0
Elite 8 S	263 mm	17.9 W	1560 lm	1600 lm	5.3002.08D1.fg7ij0
Elite 10 S	327 mm	22.4 W	1950 lm	2000 lm	5.3002.10D1.fg7ij0
Elite 12 S	391 mm	26.9 W	2340 lm	2400 lm	5.3002.12D1.fg7ij0

⚠ Dla Elite 1, 2, 3, 5 zasilacz nie jest w komplecie, należy zamówić osobno.
For Elite 1, 2, 3, 5 driver not included, must be ordered separately.
Für Elite 1, 2, 3, 5 ist das Netzteil nicht enthalten, muss separat bestellt werden.

* Strumień świetlny oprawy podany dla 4000K.
Fixture lumen output data refer to 4000K.
Lichtstrom der Leuchte spezifiziert für 4000K.

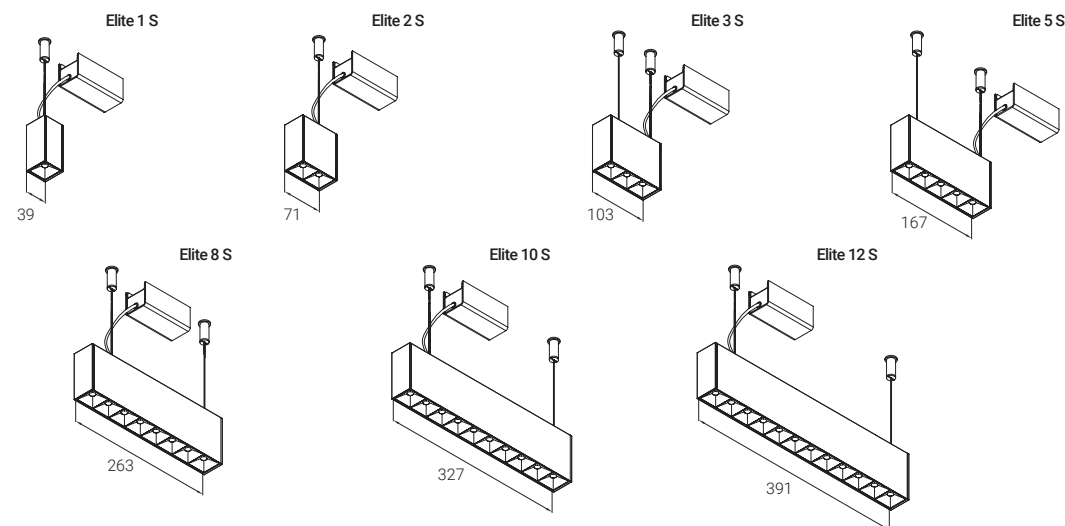
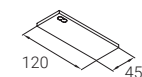
Drivers

Type	Max. numbers of luminaires supplied from one driver								Code
	Elites:	1 S	2 S	3 S	5 S	8 S	10 S	12 S	
Driver 20W 250-700mA max. 59V ON-OFF		9 pcs.	4 pcs.	3 pcs.	1 pcs.	-	-	-	5.3011.0101.1000.00
Driver 45W 500-1400mA max. 50V ON-OFF		12 pcs.	6 pcs.	4 pcs.	2 pcs.	-	-	-	5.3012.0201.1000.00
Driver 20W 250-700mA max. 55V DALI		9 pcs.	4 pcs.	3 pcs.	1 pcs.	-	-	-	5.3015.0301.2000.00
Driver 45W 500-1400mA max. 50V DALI		12 pcs.	6 pcs.	4 pcs.	2 pcs.	-	-	-	5.3016.0401.2000.00

Elite Accessoriess

Type	Dimensions	Code
Driver cover	120 x 45 mm	5.3020.0100.0000.40

⚠ Zaślepka zasilacza rekomendowana dla Elite 1, 2, 3 i 5 (rewizja serwisowa).
Driver cover recommended for ELITE 1, 2, 3 and 5 (service revision).
Treiberabdeckung empfohlen für ELITE 1, 2, 3 und 5 (Service Revision).

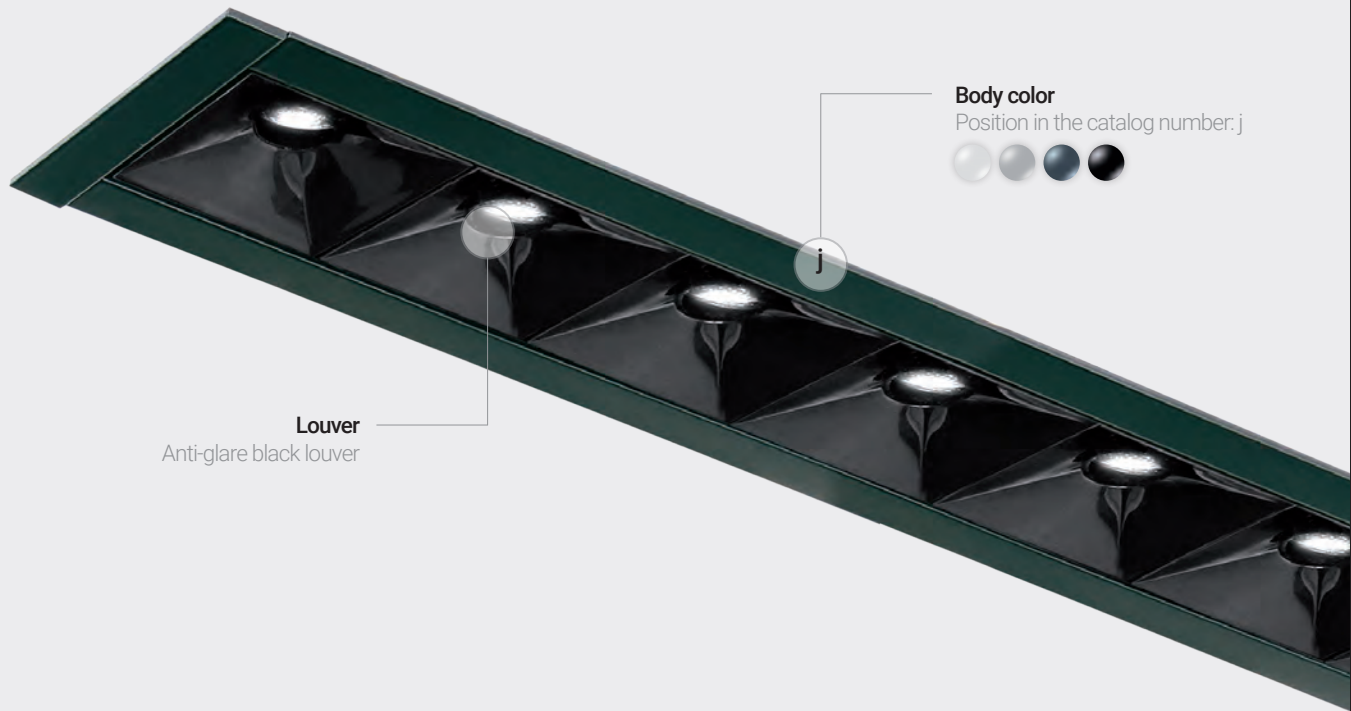


Driver	f	LED color	g	Beam angle	i	Finishing	j
ON/OFF	1	830	2	30°	M	white (RAL9016)	4
DALI	2	840	3	60°	W	black (RAL9005)	5
						fog (RAL7038)	G
						graphite (RAL7024)	H





Elite F



Body color
Position in the catalog number: j



Louver
Anti-glare black louver

Cechy | Features | Eigenschaften

LED	3000K 4000K	CRI>80	SDCM ≤ 3	50000h L80 B10	IP20	ON/OFF DALI	220 - 240V 50-60HZ		CE
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Colours:

PL
Montaż: wbudowany z ramką.
Źródło światła: PCB LED, 3000K / 4000K, CRI> 80, MacAdam ≤ 3, 50000h L80B10.
Moc oprawy: high output (HO).
Optyka: soczewka 30°/60° z antyolśnieniowym czarnym rastrem.
Rozsył światła: bezpośredni.
Obudowa: wyłaczany profil aluminiowy malowany proszkowo.
Sterowanie: ON/OFF lub DALI.
Stopień ochrony: IP20

EN
Mounting: recessed with a frame.
Light source: PCB LED, 3000K / 4000K, CRI> 80, MacAdam ≤ 3, 50000h L80B10.
Luminaire power: lhigh output (HO).
Optic: lens 30°/60° with anit-glare black louver.
Light distribution: direct.
Housing: powder coated extruded aluminum profile.
Control: ON / OFF or DALI.
IP protection: IP20

DE
Installation: Eingebaut mit Rahmen.
Lichtquelle: PCB LED, 3000K / 4000K, CRI> 80, MacAdam ≤ 3, 50000h L80B10.
Leuchtenleistung: high output (HO).
Optik: 30°/60° Linse mit blendfreiem schwarzem Raster.
Lichtverteilung: Direkt.
Gehäuse: Aluminium-Strangpressprofil, pulverbeschichtet.
Steuerung: EIN-AUS oder DALI.
Schutzart : IP20

Elite F
DIRECT



Version with
LED CC HO
(High Output)

Type	Lenght	Power	Luminaire flux *		Code
			lens 30° UGR<19	lens 60° UGR<19	
Elite 1 F	53 mm	2.2 W	195 lm	200 lm	5.3003.01F1.0g7i.j0
Elite 2 F	85 mm	4.5 W	390 lm	400 lm	5.3003.02F1.0g7i.j0
Elite 3 F	117 mm	6.7 W	585 lm	600 lm	5.3003.03F1.0g7i.j0
Elite 5 F	181 mm	11.2 W	975 lm	1000 lm	5.3003.05F1.0g7i.j0
Elite 8 F	277 mm	17.9 W	1560 lm	1600 lm	5.3003.08F1.0g7i.j0
Elite 10 F	341 mm	22.4 W	1950 lm	2000 lm	5.3003.10F1.0g7i.j0
Elite 12 F	405 mm	26.9 W	2340 lm	2400 lm	5.3003.12F1.0g7i.j0

⚠ Zasilacz nie jest w komplecie, należy zamówić osobno.
Driver not included, must be ordered separately.
Treiber nicht enthalten, muss separat bestellt werden.

* Strumień świetlny oprawy podany dla 4000K.
Fixture lumen output data refer to 4000K.
Lichtstrom der Leuchte spezifiziert für 4000K.

📏 L - 10 x 40 mm | Hmin = 100 mm

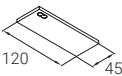
Drivers

Type	Max. numbers of luminaires supplied from one driver							Code
	1 F	2 F	3 F	5 F	8 F	10 F	12 F	
Driver 20W 250-700mA max. 59V ON-OFF	9 pcs.	4 pcs.	3 pcs.	1 pcs.	1 pcs.	-	-	5.3011.0101.1000.00
Driver 45W 500-1400mA max. 50V ON-OFF	12 pcs.	6 pcs.	4 pcs.	2 pcs.	1 pcs.	1 pcs.	1 pcs.	5.3012.0201.1000.00
Driver 20W 250-700mA max. 55V DALI	9 pcs.	4 pcs.	3 pcs.	1 pcs.	1 pcs.	-	-	5.3015.0301.2000.00
Driver 45W 500-1400mA max. 50V DALI	12 pcs.	6 pcs.	4 pcs.	2 pcs.	1 pcs.	1 pcs.	1 pcs.	5.3016.0401.2000.00

Elite Accessoriess

Type	Dimensions	Code
Driver cover	120 x 45 mm	5.3020.0100.0000.40

⚠ Zaślepka zasilacza rekomendowana dla Elite 1, 2 i 3 (rewizja serwisowa).
Driver cover recommended for ELITE 1, 2 and 3 (service revision).
Treiberabdeckung empfohlen für ELITE 1, 2 und 3 (Service Revision).



Elite 1 F



53

Elite 2 F



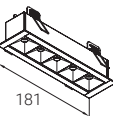
85

Elite 3 F



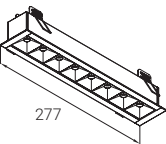
117

Elite 5 F



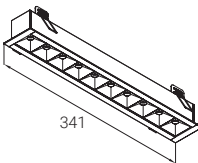
181

Elite 8 F



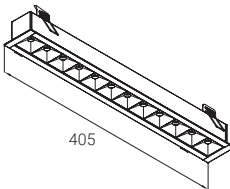
277

Elite 10 F



341

Elite 12 F



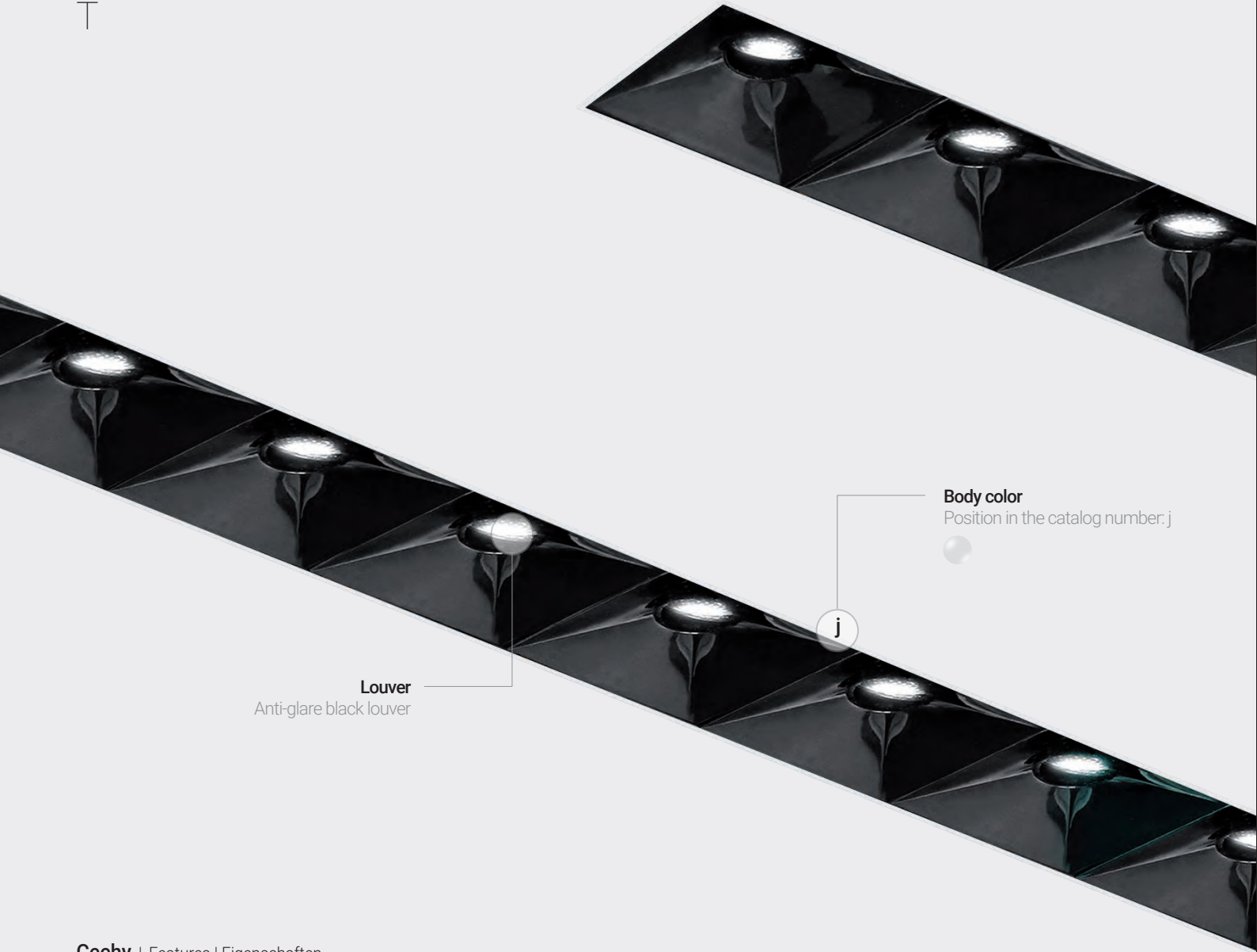
405

LED color	g	Beam angle	i	Finishing	j
830	2	30°	M	white (RAL9016)	4
840	3	60°	W	black (RAL9005)	5
				fog (RAL7038)	G
				graphite (RAL7024)	H





Elite T



Cechy | Features | Eigenschaften

LED	3000K 4000K	CRI>80	SDCM ≤ 3	50000h L80 B10	IP20	ON/OFF DALI	220 - 240V 50-60HZ		
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Colours:

PL
Montaż: wbudowany bezramkowy.
Źródło światła: PCB LED, 3000K / 4000K, CRI> 80, MacAdam ≤ 3, 50000h L80B10.
Moc oprawy: high output (HO).
Optyka: soczewka 30°/60° z antyolśnieniowym czarnym rastrem.
Rozsył światła: bezpośredni.
Obudowa: wyłaczany profil aluminiowy malowany proszkowo.
Sterowanie: ON/OFF lub DALI.
Stopień ochrony: IP20

EN
Mounting: Recessed trimless.
Light source: PCB LED, 3000K / 4000K, CRI> 80, MacAdam ≤ 3, 50000h L80B10.
Luminaire power: lhigh output (HO).
Optic: lens 30°/60° with anit-glare black louver.
Light distribution: direct.
Housing: powder coated extruded aluminum profile.
Control: ON / OFF or DALI.
IP protection: IP20

DE
Installation: Einbau Rahmenlos.
Lichtquelle: PCB LED, 3000K / 4000K, CRI> 80, MacAdam ≤ 3, 50000h L80B10.
Leuchtenleistung: high output (HO).
Optik: 30°/60° Linse mit blendfreiem schwarzem Raster.
Lichtverteilung: Direkt.
Gehäuse: Aluminium-Strangpressprofil, pulverbeschichtet.
Steuerung: EIN-AUS oder DALI.
Schutzart : IP20

Elite T DIRECT



Version with
LED CC HO
(High Output)

Type	Lenght	Power	Luminaire flux *		Code
			lens 30° UGR<19	lens 60° UGR<19	
Elite 1 T	36 mm	2.2 W	195 lm	200 lm	5.3004.01T1.0g7i.40
Elite 2 T	68 mm	4.5 W	390 lm	400 lm	5.3004.02T1.0g7i.40
Elite 3 T	100 mm	6.7 W	585 lm	600 lm	5.3004.03T1.0g7i.40
Elite 5 T	164 mm	11.2 W	975 lm	1000 lm	5.3004.05T1.0g7i.40
Elite 8 T	260 mm	17.9 W	1560 lm	1600 lm	5.3004.08T1.0g7i.40
Elite 10 T	324 mm	22.4 W	1950 lm	2000 lm	5.3004.10T1.0g7i.40
Elite 12 T	387 mm	26.9 W	2340 lm	2400 lm	5.3004.12T1.0g7i.40

Zasilacz nie jest w komplecie, należy zamówić osobno.
Driver not included, must be ordered separately.
Treiber nicht enthalten, muss separat bestellt werden.

* Strumień świetlny oprawy podany dla 4000K.
Fixture lumen output data refer to 4000K.
Lichtstrom der Leuchte spezifiziert für 4000K.

L + 2 x 37 mm | Hmin = 100 mm

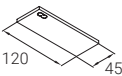
Drivers

Type	Max. numbers of luminaires supplied from one driver							Code
	1 T	2 T	3 T	5 T	8 T	10 T	12 T	
Driver 20W 250-700mA max. 59V ON-OFF	9 pcs.	4 pcs.	3 pcs.	1 pcs.	1 pcs.	-	-	5.3011.0101.1000.00
Driver 45W 500-1400mA max. 50V ON-OFF	12 pcs.	6 pcs.	4 pcs.	2 pcs.	1 pcs.	1 pcs.	1 pcs.	5.3012.0201.1000.00
Driver 20W 250-700mA max. 55V DALI	9 pcs.	4 pcs.	3 pcs.	1 pcs.	1 pcs.	-	-	5.3015.0301.2000.00
Driver 45W 500-1400mA max. 50V DALI	12 pcs.	6 pcs.	4 pcs.	2 pcs.	1 pcs.	1 pcs.	1 pcs.	5.3016.0401.2000.00

Elite Accessoriess

Type	Dimensions	Code
Driver cover	120 x 45 mm	5.3020.0100.0000.40

Zaślepka zasilacza rekomendowana dla Elite 1, 2 i 3 (rewizja serwisowa).
Driver cover recommended for ELITE 1, 2 and 3 (service revision).
Treiberabdeckung empfohlen für ELITE 1, 2 und 3 (Service Revision).



Elite 1 T



Elite 2 T



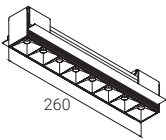
Elite 3 T



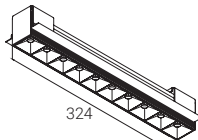
Elite 5 T



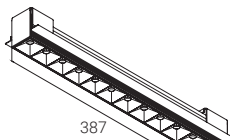
Elite 8 T



Elite 10 T



Elite 12 T



LED color	g	Beam angle	i
830	2	30°	M
840	3	60°	W





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