

Системы со сплошной засветкой CONVEO

Технические характеристики

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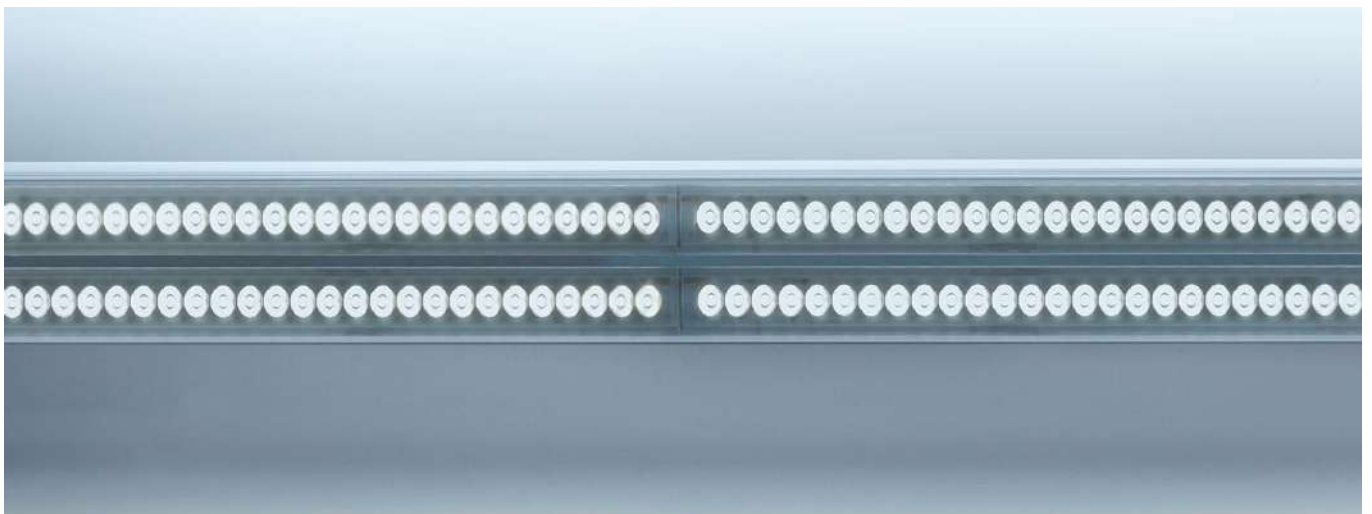
эл.почта: wne@nt-rt.ru || сайт: <https://waldmann.nt-rt.ru/>

THE LIGHT OF PRODUCTIVITY FOR INDUSTRIAL PREMISES

CONVEO

To ensure that optimum productivity is possible not only on the machine but also within the building, we can offer the tried-and-tested ACANEO high-bays, with a proven track record over many years under harsh conditions. With CONVEO, Waldmann, the market leader for industrial luminaires, is now setting an entirely new standard across the board to enable productive work to be carried out in production, warehouse and dispatch areas of industrial premises. The continuous-row system, sophisticated down to the last detail, guarantees simple, quick planning and enables even highly complex projects to be delivered cost-effectively, with the focus on economy at all times – in new buildings as well as in renovation projects. With all the benefits typically associated with Waldmann.

A system of industrial lighting from the market leader for this sector. With hallmark Swabian ingenuity, CONVEO combines everything that you need for professional operations, as a planner, an installation electrician or as an owner/operator: Extremely simple intuitive installation, safe positioning, ideal light output and ultimate ease of maintenance. With CONVEO you can achieve the right conditions for optimum performance and productivity inside any building.



Intelligence

Precisely the right light in the right quantity at the right time.

Always the right level of illumination for any activity – also in emergencies. The infinitely variable dimming function (DALI), used in combination with an intelligent light management system with scope for integrating sensors, is an additional way to save energy.

High light quality

Perfect viewing comfort combined with ultimate consistency.

Specially developed lenses and classes of luminous flux deliver optimum lighting without light-and-dark zones in a wide range of different interior settings. For error-free work and a high degree of viewing comfort.

Mounting

Tool-free, intuitive installation with built-in safety.

Installing lighting in industrial buildings has never been this quick and easy. CONVEO is a plug-and-light system taking ease of installation to another level. All components are plugged in and immediate earthing is provided by automatic forced contacting.

Planning

Optimum planning capability with the focus on ultimate flexibility.

The open, but protected, bus-bar profile allows for variable spacing of the device carriers and multiple outputs, beam angles, and colour temperatures are available. These factors, combined with a broad portfolio of accessories, provide an almost endless range of planning options.

Sustainability

Sustainability and the reduction of CO2 emissions combined in an optimum continuous-row lighting solution.

In terms of length of service life, CONVEO really has nothing to hide. Carefully selected, durable materials provide a maintenance-free system and the latest LED technology ensures big savings in CO2 emissions.

Application

A continuous-row lighting system – countless application options.

Whether clean and dry or dusty and damp, whether production, warehouse or logistics building, whether manufacturing company or storage provider. Up to a lighting point height of 15 metres and up to IP54, always the right lighting solution.

Cost efficiency

Optimum price-performance ratio, precisely adapted to satisfy all requirements.

Highly efficient LED technology and a perfect system layout ensure optimum commercial and technical solutions, individually adapted to suit every project, including short amortisation periods.

ILLUMINATING MORE PRODUCTIVELY

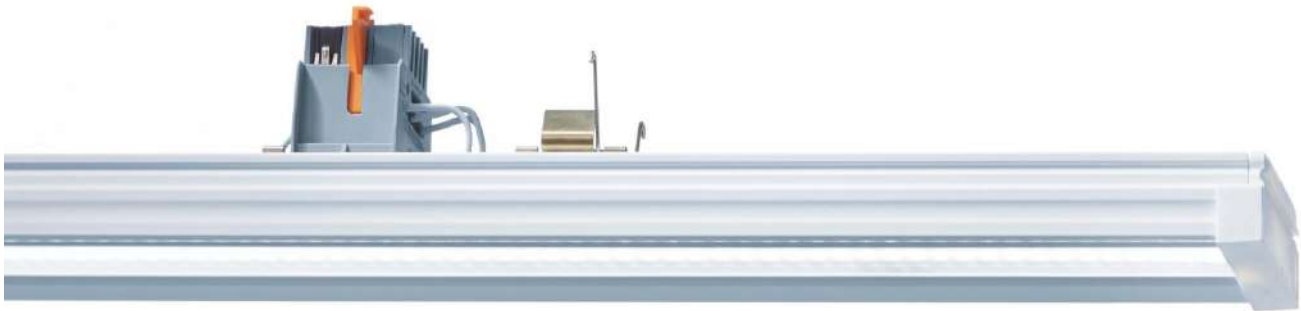
With CONVEO you are perfectly prepared for every installation situation. The smart bus bar profile and the ingenious connection technology guarantee optimum function and perfect light for any desired length of the continuous-row system. Plug together without tools for a secure mechanical and electrical connection as well as continuous current feed. Today, the lighting of industrial buildings is this quick, easy and reliable.

Mounting rail

Made of galvanised steel plate, with integrated bus bar profile and colour-coding.

Fastening

Thanks to continuous profiling and robust clamps, the mounting rail can be fitted anywhere, and can be adjusted longitudinally.



Device carriers

Fully pre-assembled, including integrated seals at the end of the device carrier for a greater degree of protection.



7-pin bus bar ■

5 x 2.5 mm² + 2 x 1.5 mm²

3 separate electric circuits

2 control lines (for DALI)



11-pin bus bar ■

5 x 2.5 mm² + 6 x 1.5 mm²

3 separate electric circuits

2 control lines (for DALI)

2 independent electric circuits for emergency lighting

AS SHORT AND TECHNICAL AS POSSIBLE

Connected load: 220 – 240 V, 50/?60 Hz

Technology: switchable or continuously dimmable (DALI)

Luminous flux classes:	4?500 lm, 8?000 lm or 15?000 lm
Power consumption:	prism optics: 28 W, 55 W or 100 W lens optics: 26 W, 49 W or 88 W
Colour temperature:	neutral white 4?000 K or 5?000 K
Colour rendering:	Ra > 80
LED service life:	> 50?000 h (L80) at Tamax
Light deflection:	lens optics, prism optics or diffuse cover
Optics:	W-optics (wide-beam) or xN optics (ultra-narrow-beam)
Materials:	mounting rail made of sheet steel, device carrier made of aluminium, optics made of PMMA
Weight:	approx. 3.9 kg, mounting rail (1?500 mm) incl. device carrier
Type of installation:	suspended ceiling installation (cable, chain), ceiling-mounted, angled installation
Degree of protection:	IP20 (IP40, IP50 and IP54 with optional accessories)
Permitted ambient temperatures:	up to + 55° C (prism optics – 4?500 lm) up to + 45° C (prism optics – 8?000 lm) up to + 35° C (prism optics – 15?000 lm and lens optics)

Overview of variants



Production Hall



Warehouse and Logistic Hall



Length	Special feature	Model	Order No.
1500 mm	11-pole	CVT 1500/11	00804997
1500 mm	7-pole	CVT 1500/7	00804993
3000 mm	11-pole	CVT 3000/11	00804998
3000 mm	7-pole	CVT 3000/7	00804994
4500 mm	11-pole	CVT 4500/11	00804999
4500 mm	7-pole	CVT 4500/7	00804995



- great robustness
- enhanced degree of protection for harsh environments
- for a wider range of ambient temperatures

W-optics (wide-beam) variants



- Wide-beam optics
- Various luminous flux packages to suit different room heights and activities
- Up to IP54 protection
- Continuous bus bar profile for optimum flexibility during installation and layout adjustments



CVG 15000/840/W-P/DA/7
100 W / 14700 lm
7-pole
00804941



CVG 15000/840/W-P/EA/5
100 W / 14700 lm
5-pole
00804947



CVG 15000/850/W-P/DA/7
100 W / 15100 lm
7-pole
00804942



CVG 15000/850/W-P/EA/5
100 W / 15100 lm
5-pole
00804948



CVG 4500/840/W-P/DA/7



CVG 4500/840/W-P/EA/5

28 W / 4400 lm
7-pole
00804937



28 W / 4400 lm
5-pole
00804943



CVG 4500/850/W-P/DA/7
28 W / 4600 lm
7-pole
00804938



CVG 4500/850/W-P/EA/5
28 W / 4600 lm
5-pole
00804944



CVG 8000/840/W-P/DA/7
55 W / 8100 lm
7-pole
00804939



CVG 8000/840/W-P/EA/5
55 W / 8100 lm
5-pole
00804945



CVG 8000/850/W-P/DA/7
55 W / 8300 lm
7-pole
00804940



- Ultra-narrow-beam lens

xN-optics (ultra-narrow-beam) variants

- DALI for infinitely variable dimming and maximum flexibility in terms of lighting management
- Integration of presence and daylight sensor systems
- Long service life without any maintenance overhead



CVG 15000/840/xN-P/DA/7
100 W / 13800 lm
7-pole
00804955



CVG 15000/840/xN-P/EA/5
100 W / 13800 lm
5-pole
00804961



CVG 15000/850/xN-P/DA/7
100 W / 14200 lm
7-pole
00804956



CVG 15000/850/xN-P/EA/5
100 W / 14200 lm
5-pole
00804962



CVG 4500/840/xN-P/DA/7
28 W / 4200 lm
7-pole
00804951



CVG 4500/840/xN-P/EA/5
28 W / 4200 lm
5-pole
00804957



CVG 4500/850/xN-P/DA/7
28 W / 4300 lm
7-pole
00804952



CVG 4500/850/xN-P/EA/5
28 W / 4300 lm
5-pole
00804958



CVG 8000/840/xN-P/DA/7
55 W / 7600 lm
7-pole
00804953



CVG 8000/840/xN-P/EA/5
55 W / 7600 lm
5-pole
00804959



CVG 8000/850/xN-P/DA/7
55 W / 7800 lm
7-pole
00804954



CVG 8000/850/xN-P/EA/5
55 W / 7800 lm
5-pole
00804960



- precise light deflection
- optimum glare-free technology
- greater efficiency
- greater chemical resistances
- oil-resistant end caps and seal

W-optics (wide-beam) variants

W-Optik



- Wide-beam optics
- Various luminous flux packages to suit different room heights and activities
- Up to IP54 protection
- Continuous bus bar profile for optimum flexibility during installation and layout adjustments



CVG 15000/840/W-L/DA/7
86 W / 14800 lm
7-pole
00804968



CVG 15000/840/W-L/EA/5
86 W / 14800 lm
5-pole
00804974



CVG 15000/850/W-L/DA/7
86 W / 14800 lm
7-pole
00804969



CVG 15000/850/W-L/EA/5
86 W / 14800 lm
5-pole
00804975



CVG 4500/840/W-L/DA/7



CVG 4500/840/W-L/EA/5

24 W / 4450 lm
7-pole
00804964



24 W / 4450 lm
5-pole
00804970



CVG 4500/850/W-L/DA/7
24 W / 4450 lm
7-pole
00804965



CVG 4500/850/W-L/EA/5
24 W / 4450 lm
5-pole
00804971



CVG 8000/840/W-L/DA/7
47 W / 8100 lm
7-pole
00804966



CVG 8000/840/W-L/EA/5
47 W / 8100 lm
5-pole
00804972



CVG 8000/850/W-L/DA/7
47 W / 8100 lm
7-pole
00804967



- Ultra-narrow-beam lens

xN-optics (ultra-narrow-beam) variants

xN-Optik

- DALI for infinitely variable dimming and maximum flexibility in terms of lighting management
- Integration of presence and daylight sensor systems
- Long service life without any maintenance overhead



CVG 15000/840/xN-L/DA/7
95 W / 15400 lm
7-pole
00804980



CVG 15000/840/xN-L/EA/5
95 W / 15400 lm
5-pole
00804986



CVG 15000/850/xN-L/DA/7
95 W / 15400 lm
7-pole
00804981



CVG 15000/850/xN-L/EA/5
95 W / 15400 lm
5-pole
00804987



CVG 4500/840/xN-L/DA/7
27 W / 4650 lm
7-pole
00804976



CVG 4500/840/xN-L/EA/5
27 W / 4650 lm
5-pole
00804982



CVG 4500/850/xN-L/DA/7
27 W / 4650 lm
7-pole
00804977



CVG 4500/850/xN-L/EA/5
27 W / 4650 lm
5-pole
00804983



CVG 8000/840/xN-L/DA/7
51 W / 8450 lm
7-pole
00804978



CVG 8000/840/xN-L/EA/5
51 W / 8450 lm
5-pole
00804984



CVG 8000/850/xN-L/DA/7
51 W / 8450 lm
7-pole
00804979



CVG 8000/850/xN-L/EA/5
51 W / 8450 lm
5-pole
00804985



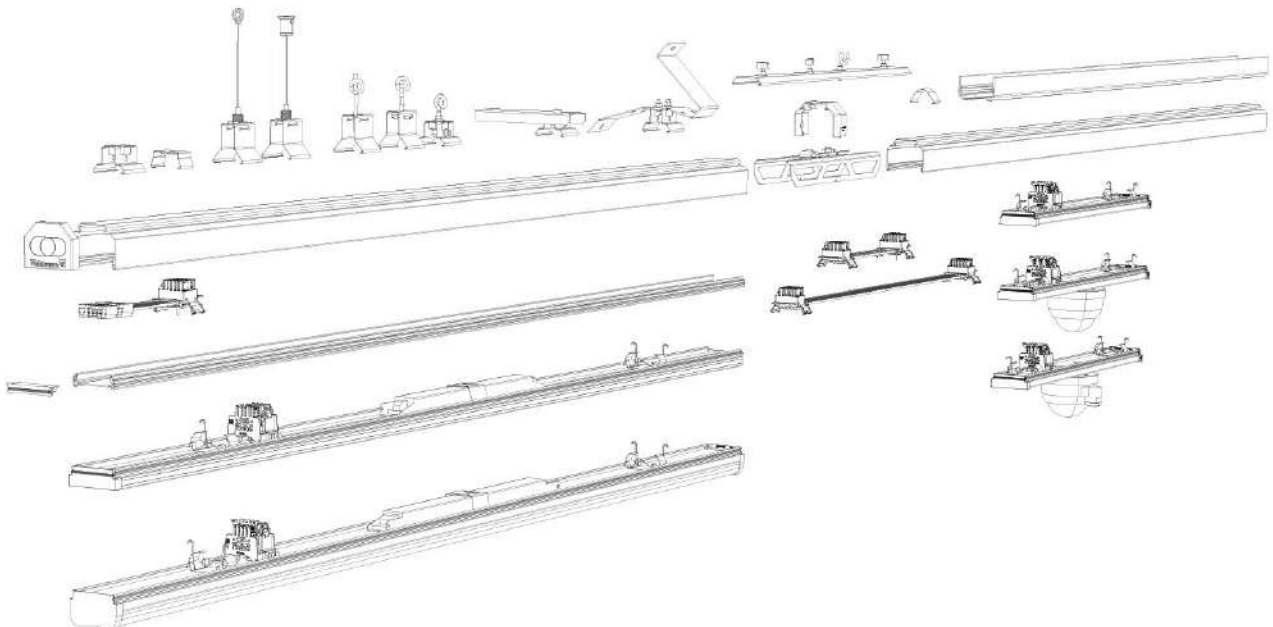
Variants



CVG 6000/827-865/D-C/DA/7
 51 W / 6500 lm
 00805631

Planning

Maximum system flexibility and an installation-friendly concept make CONVEO the new darling of industrial lighting planners. Fast access to planning data from the Waldmann website provides an optimum overview of all possible variants. Maximum possible flexibility with planning is guaranteed by the integrated bus bar profile. And with CONVEO, there is precisely the right option for every adaptation. Whether angled, suspended or installed directly. This is how CONVEO creates the ideal conditions for successful projects. With the simplicity, safety, flexibility and efficiency that a professional needs:



- Different lengths of mounting rails with a variety of wiring options
- Device carriers up to 15'000 lm in different light colours and optics – depending upon technical lighting requirements and ambient conditions
- Protective covers and seals to assure the required level of protection

- Mountings for suspended installation from ceilings, for flush-mounted ceiling units and for angled installation
- Options for routing external wiring on the mounting rail
- Sensors for motion detection and daylight control on adapter module for ease of integration in the mounting rail

Accessories

PROTECTIVE COVERS



End cap

Model	Special feature	Order number
CVA EK		338121010-00805020



Sealing clamp in IP54 application

Model	Special feature	Order number
CVA DK		338122010-00805021
CVA DK/R	greater chemical resistancs	338122020-00805022



Dummy cover

Model	Secial feature	Order number
CVA B/1500	1 500 mm	338124010-00805030
CVA B/3000	3 000 mm	338124020-00805031
CVA B/4500	4 500 mm	338124030-00805032



Dummy cover incl. gaskets for IP54 applications

Model	Special feature	Order number
CVA B/1500/D	1 500 mm	338124040-00805033
CVA B/3000/D	3 000 mm	338124050-00805034
CVA B/4500/D	4 500 mm	338124060-00805035



Gasket for IP54 applications

Model	Special feature	Order number
CVA D	for dummy cover	338125010-00805036
CVA D/R	for dummy cover, greater chemical resistance	338125020-00805037



Safety clamp

Model	Special feature	Order number
CVA B/SK	for dummy cover	338126010-00805038

FEED (ELECTRICAL)



rigid for wires ($\leq 2.5 \text{ mm}^2$), incl. cable entry

Model	Special feature	Order number
CVA E-S/7	7-pin	338123030-00805025
CVA E-S/11	11-pin	338123050-00805027



flexible for stranded wires ($\leq 2.5 \text{ mm}^2$), incl. cable entry

Model	Special feature	Order number
CVA E-F/7	7-pin	338123040-00805026
CVA E-F/11	11-pin	338123060-00805028



Cable insert

Model	Special feature	Order number
	greater chemical resistance	338211010-00805995



Cable guide on mounting rail

Model	Special feature	Order number
CVA KK/4500	cable duct, 4?500 mm, incl. fastening clips	338127010-00805039
CVA KH	cable holder (10 pieces)	338128010-00805040

CONNECTOR



mechanical + electrical for mounting rail

Model	Special feature	Order number
CVA V/200/7	7-pin	338120030-00805002
CVA V/200/11	11-pin	338120040-00805003
CVA V/600/7	7-pin	338120060-00805005
CVA V/600/11	11-pin	338120070-00805006



mechanical for mounting rail

Model	Special feature	Order number
CVA V	internal	338120010-00805000
CVA V/A	external (additional), IP20	338120080-00805007



Mounting aid

Model	Special feature	Order number
CVA MH	for electr. connectors and feed	338129010-00805041

FASTENERS



Suspension

Model	Special feature	Order number
CVA AKH-S	with hook, incl. quick adjuster	338137020-00805056
CVA AKH-E	with hook, incl. adjusting nut	338137010-00805055
CVA AS-O/1500	with wire cable, 1?500 mm, incl. lug for hook (ceiling)	338132010-00805046
CVA AS-O/3000	with wire cable, 3?000 mm, incl. lug for hook (ceiling)	338132020-00805047
CVA AS-D/1500	with wire cable, 1?500 mm, incl. ceiling fixture	338132030-00805048
CVA AS-D/3000	with wire cable, 3?000 mm, incl. ceiling fixture	338132040-00805049



Ceiling mount

Model	Special feature	Order number
CVA AD	distance from ceiling H = 22 mm	338133010-00805050
CVA AD/10mm	distance from ceiling H = 10 mm	338133020-00805051



Angled mount

Model	Special feature	Order number
CVA AK-V	for chain suspension (max. 45?°)	338137040-00805058
CVA AD-V	for direct mounting on wall/?ceiling (30?°, 45?°, 60?°)	338138010-00805059
CVA AKH-V	with hook, incl. transverse slot	338137030-00805057



Chains and chain accessories

Model	Special feature	Order number
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KK	knotted chain, running meter	338134010-00805052
SH	S-hook	338136010-00805054
KH	karabiner hook	338135010-00805053

SENSORS



Universal adapter module

Model	Special feature	Order number
CVA UA	for the integration of additional components such as sensors, 11-pin	338196010-00805630



Daylight sensor on universal adapter module (dimming)

Model	Special feature	Order number
CVA PD4-M-DALI/DL/500/11	installation height: 2 m – 5 m, DALI-Broadcast	338198010-00805625
CVA PD4-M-DALI-GH/DL/500/11	installation height: 5 m – 16 m, DALI-Broadcast	338198020-00805626



Presence/daylight sensor on universal adapter module (switching)

Model	Special feature	Order number
CVA PD4-M-1C(L2)/500/11	installation height: 2 m – 5 m (round), master	338194010-00805617
CVA PD4-S(R5-)/500/7	installation height: 2 m – 5 m (round), slave	338194020-00805618
CVA PD4-M-1C-GH(L2)/500/11	installation height: 5 m – 16 m (oval), master	338194030-00805619
CVA PD4-S-GH(R5-)/500/7	installation height: 5 m – 16 m (oval), slave	338194040-00805620



Presence/daylight sensor on universal adapter module (switching + dimming)

Model	Special feature	Order number
CVA PD4-M-DALI/500/11	installation height: 2 m – 5 m (round), master (DALI-Broadcast)	338194050-00805621
CVA PD4-S(R7)/500/11		338194060-00805622
CVA PD4-M-DALI-GH/500/11	installation height: 2 m – 5 m (round), slave	338194070-00805623
CVA PD4-S-GH/500/11	installation height: 5 m – 16 m (oval), master (DALI-Broadcast)	338194080-00805624
	installation height: 5 m – 16 m (oval), slave	



Presence/daylight sensor on universal adapter module (for external control)

Model	Special feature	Order number
CVA PD4-BMS/500/7	installation height: 2 m – 5 m (round), DALI	338199010-00805627
CVA PD4-BMS-GH/500/7	installation height: 5 m – 16 m (oval), DALI	338199020-00805628



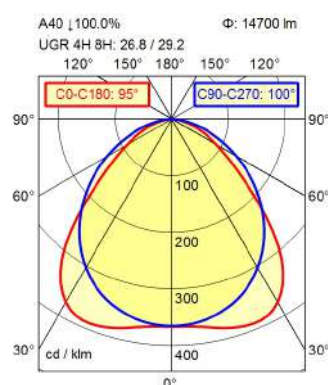
Infrared adapter

Model	Special feature	Order number
	for the configuration of CVA PD4 sensors by smartphone	338195010-00805629

Continuous-row system CONVEO

CVG 15000/840/W-P/DA/7

226848059-00804941



Light source

Work equipment

Connected load

Power consumption

Lens

Luminous flux

Luminous efficiency¹⁾

Light type/color

Colour temperatur

Color rendering index

Light distribution

Beam angle

Chromaticity tolerance LED

Glare control

Luminance (L65)

UGR class (4H 8H; EN 12464-1)

System of protection/Class

Technology

Housing

Light source cover

Fastening

Minimum ambient temperature

Maximum ambient temperature

Life expectancy LED

EAN

Weight without/incl. packaging

Packaging dimensions

LED; IK06

Adjustable electronic ballast, digital DALI

220 - 240 V; 50 Hz; 60 Hz

ca. 100 W

W optics, wide beam

approx. 14.700 lm

approx. 147 lm/W

Cold white

approx. 4.000 K

CRI ≥ 80

Direct; approx. 100 %

95° / 100°

< 3 SDCM

Optics

≤ 47.400 cd/m²

> 28

IP 54; I

Continuously dimmable

Aluminium; Powder coatet; White

Acrylic (PMMA); Satine

Available separately

-25 °C

33 °C

L80B50 50.000h

4013330006662

ca. 2,2 kg; 2,4 kg

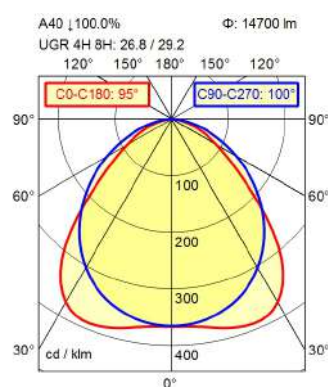
ca. 1.520 mm; 75 mm; 83 mm

¹⁾ For luminaires with separate control gear, the luminous efficacy refers to the luminaire head without control g

Continuous-row system CONVEO

CVG 15000/840/W-P/EA/5

226848119-00804947



Light source

Work equipment

Connected load

Power consumption

Lens

Luminous flux

Luminous efficiency¹⁾

Light type/color

Colour temperatur

Color rendering index

Light distribution

Beam angle

Chromaticity tolerance LED

Glare control

Luminance (L65)

UGR class (4H 8H; EN 12464-1)

System of protection/Class

Technology

Housing

Light source cover

Fastening

Minimum ambient temperature

Maximum ambient temperature

Life expectancy LED

EAN

Weight without/incl. packaging

Packaging dimensions

LED; IK06

Electronic ballast

220 - 240 V; 50 Hz; 60 Hz

ca. 100 W

W optics, wide beam

approx. 14.700 lm

approx. 147 lm/W

Cold white

approx. 4.000 K

CRI ≥ 80

Direct; approx. 100 %

95° / 100°

< 3 SDCM

Optics

≤ 47.400 cd/m²

> 28

IP 54; I

Switchable

Aluminium; Powder coatet; White

Acrylic (PMMA); Satine

Available separately

-25 °C

37 °C

L80B50 50.000h

4013330007171

ca. 2,2 kg; 2,4 kg

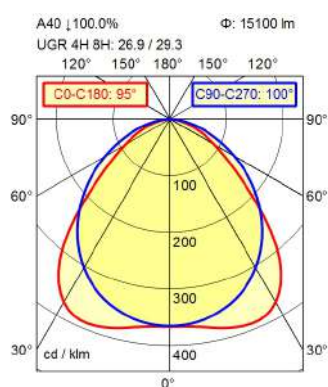
ca. 1.520 mm; 75 mm; 83 mm

¹⁾ For luminaires with separate control gear, the luminous efficacy refers to the luminaire head without control g

Continuous-row system CONVEO

CVG 15000/850/W-P/DA/7

226848069-00804942



Light source

LED; IK06

Work equipment

Adjustable electronic ballast, digital DALI

Connected load

220 - 240 V; 50 Hz; 60 Hz

Power consumption

ca. 100 W

Lens

W optics, wide beam

Luminous flux

approx. 15.100 lm

Luminous efficiency¹⁾

approx. 151 lm/W

Light type/color

Cold white

Colour temperatur

approx. 5.000 K

Color rendering index

CRI ≥ 80

Light distribution

Direct; approx. 100 %

Beam angle

95° / 100°

Chromaticity tolerance LED

< 3 SDCM

Glare control

Optics

Luminance (L65)

≤ 48.700 cd/m²

UGR class (4H 8H; EN 12464-1)

> 28

System of protection/Class

IP 54; I

Technology

Continuously dimmable

Housing

Aluminium; Powder coatet; White

Light source cover

Acrylic (PMMA); Satine

Fastening

Available separately

Minimum ambient temperature

-25 °C

Maximum ambient temperature

33 °C

Life expectancy LED

L80B50 50.000h

EAN

4013330006785

Weight without/incl. packaging

ca. 2,2 kg; 2,4 kg

Packaging dimensions

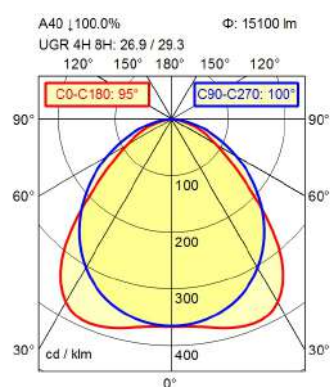
ca. 1.520 mm; 75 mm; 83 mm

¹⁾ For luminaires with separate control gear, the luminous efficacy refers to the luminaire head without control g

Continuous-row system CONVEO

CVG 15000/850/W-P/EA/5

226848129-00804948



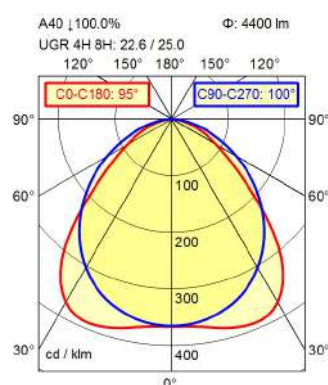
Light source	LED; IK06
Work equipment	Electronic ballast
Connected load	220 - 240 V; 50 Hz; 60 Hz
Power consumption	ca. 100 W
Lens	W optics, wide beam
Luminous flux	approx. 15.100 lm
Luminous efficiency ¹⁾	approx. 151 lm/W
Light type/color	Cold white
Colour temperatur	approx. 5.000 K
Color rendering index	CRI ≥ 80
Light distribution	Direct; approx. 100 %
Beam angle	95° / 100°
Chromaticity tolerance LED	< 3 SDCM
Glare control	Optics
Luminance (L65)	≤ 48.700 cd/m²
UGR class (4H 8H; EN 12464-1)	> 28
System of protection/Class	IP 54; I
Technology	Switchable
Housing	Aluminium; Powder coatet; White
Light source cover	Acrylic (PMMA); Satine
Fastening	Available separately
Minimum ambient temperature	-25 °C
Maximum ambient temperature	37 °C
Life expectancy LED	L80B50 50.000h
EAN	4013330007287
Weight without/incl. packaging	ca. 2,2 kg; 2,4 kg
Packaging dimensions	ca. 1.520 mm; 75 mm; 83 mm

¹⁾ For luminaires with separate control gear, the luminous efficacy refers to the luminaire head without control g

Continuous-row system CONVEO

CVG 4500/840/W-P/DA/7

226848019-00804937



Light source

Work equipment

Connected load

Power consumption

Lens

Luminous flux

Luminous efficiency¹⁾

Light type/color

Colour temperatur

Color rendering index

Light distribution

Beam angle

Chromaticity tolerance LED

Glare control

Luminance (L65)

UGR class (4H 8H; EN 12464-1)

System of protection/Class

Technology

Housing

Light source cover

Fastening

Minimum ambient temperature

Maximum ambient temperature

Life expectancy LED

EAN

Weight without/incl. packaging

Packaging dimensions

LED; IK06

Adjustable electronic ballast, digital DALI

220 - 240 V; 50 Hz; 60 Hz

ca. 28 W

W optics, wide beam

approx. 4.400 lm

approx. 157 lm/W

Cold white

approx. 4.000 K

CRI ≥ 80

Direct; approx. 100 %

95° / 100°

< 3 SDCM

Optics

≤ 14.200 cd/m²

≤ 25

IP 54; I

Continuously dimmable

Aluminium; Powder coatet; White

Acrylic (PMMA); Satine

Available separately

-25 °C

55 °C

L80B50 50.000h

4013330006440

ca. 1,9 kg; 2,1 kg

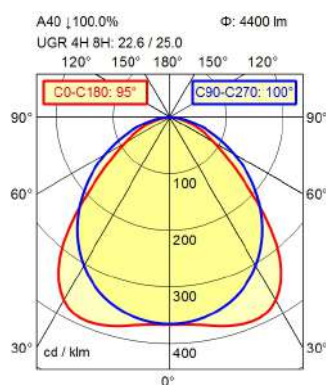
ca. 1.520 mm; 75 mm; 83 mm

¹⁾ For luminaires with separate control gear, the luminous efficacy refers to the luminaire head without control g

Continuous-row system CONVEO

CVG 4500/840/W-P/EA/5

226848079-00804943



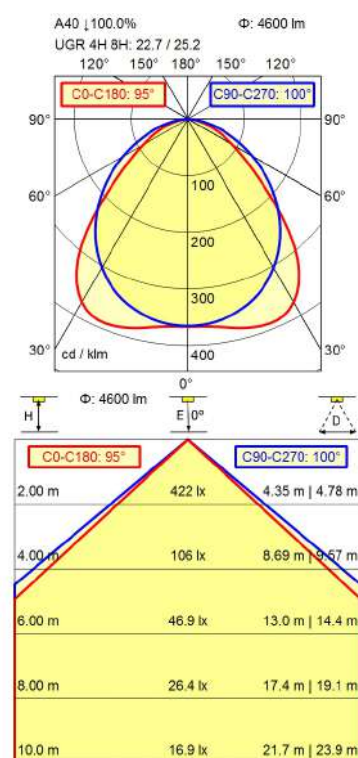
Light source	LED; IK06
Work equipment	Electronic ballast
Connected load	220 - 240 V; 50 Hz; 60 Hz
Power consumption	ca. 28 W
Lens	W optics, wide beam
Luminous flux	approx. 4.400 lm
Luminous efficiency ¹⁾	approx. 157 lm/W
Light type/color	Cold white
Colour temperatur	approx. 4.000 K
Color rendering index	CRI ≥ 80
Light distribution	Direct; approx. 100 %
Beam angle	95° / 100°
Chromaticity tolerance LED	< 3 SDCM
Glare control	Optics
Luminance (L65)	≤ 14.200 cd/m²
UGR class (4H 8H; EN 12464-1)	≤ 25
System of protection/Class	IP 54; I
Technology	Switchable
Housing	Aluminium; Powder coatet; White
Light source cover	Acrylic (PMMA); Satine
Fastening	Available separately
Minimum ambient temperature	-25 °C
Maximum ambient temperature	56 °C
Life expectancy LED	L80B50 50.000h
EAN	4013330006853
Weight without/incl. packaging	ca. 1,9 kg; 2,1 kg
Packaging dimensions	ca. 1.520 mm; 75 mm; 83 mm

¹⁾ For luminaires with separate control gear, the luminous efficacy refers to the luminaire head without control g

Continuous-row system CONVEO

CVG 4500/850/W-P/DA/7

226848029-00804938



Light source

Work equipment

Connected load

Power consumption

Lens

Luminous flux

Luminous efficiency¹⁾

Light type/color

Colour temperatur

Color rendering index

Light distribution

Beam angle

Chromaticity tolerance LED

Glare control

Luminance (L65)

UGR class (4H 8H; EN 12464-1)

System of protection/Class

Technology

Housing

Light source cover

Fastening

Minimum ambient temperature

Maximum ambient temperature

Life expectancy LED

EAN

Weight without/incl. packaging

Packaging dimensions

LED; IK06

Adjustable electronic ballast, digital DALI

220 - 240 V; 50 Hz; 60 Hz

ca. 28 W

W optics, wide beam

approx. 4.600 lm

approx. 164 lm/W

Cold white

approx. 5.000 K

CRI ≥ 80

Direct; approx. 100 %

95° / 100°

< 3 SDCM

Optics

≤ 14.900 cd/m²

≤ 25

IP 54; I

Continuously dimmable

Aluminium; Powder coatet; White

Acrylic (PMMA); Satine

Available separately

-25 °C

55 °C

L80B50 50.000h

4013330006457

ca. 1,9 kg; 2,1 kg

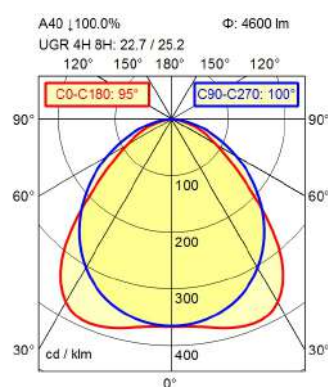
ca. 1.520 mm; 75 mm; 83 mm

¹⁾ For luminaires with separate control gear, the luminous efficacy refers to the luminaire head without control g

Continuous-row system CONVEO

CVG 4500/850/W-P/EA/5

226848089-00804944



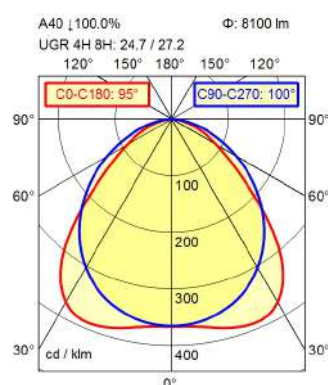
Light source	LED; IK06
Work equipment	Electronic ballast
Connected load	220 - 240 V; 50 Hz; 60 Hz
Power consumption	ca. 28 W
Lens	W optics, wide beam
Luminous flux	approx. 4.600 lm
Luminous efficiency ¹⁾	approx. 164 lm/W
Light type/color	Cold white
Colour temperatur	approx. 5.000 K
Color rendering index	CRI ≥ 80
Light distribution	Direct; approx. 100 %
Beam angle	95° / 100°
Chromaticity tolerance LED	< 3 SDCM
Glare control	Optics
Luminance (L65)	≤ 14.900 cd/m²
UGR class (4H 8H; EN 12464-1)	≤ 25
System of protection/Class	IP 54; I
Technology	Switchable
Housing	Aluminium; Powder coatet; White
Light source cover	Acrylic (PMMA); Satine
Fastening	Available separately
Minimum ambient temperature	-25 °C
Maximum ambient temperature	56 °C
Life expectancy LED	L80B50 50.000h
EAN	4013330006952
Weight without/incl. packaging	ca. 1,9 kg; 2,1 kg
Packaging dimensions	ca. 1.520 mm; 75 mm; 83 mm

¹⁾ For luminaires with separate control gear, the luminous efficacy refers to the luminaire head without control g

Continuous-row system CONVEO

CVG 8000/840/W-P/DA/7

226848039-00804939



Light source

Work equipment

Connected load

Power consumption

Lens

Luminous flux

Luminous efficiency¹⁾

Light type/color

Colour temperatur

Color rendering index

Light distribution

Beam angle

Chromaticity tolerance LED

Glare control

Luminance (L65)

UGR class (4H 8H; EN 12464-1)

System of protection/Class

Technology

Housing

Light source cover

Fastening

Minimum ambient temperature

Maximum ambient temperature

Life expectancy LED

EAN

Weight without/incl. packaging

Packaging dimensions

LED; IK06

Adjustable electronic ballast, digital DALI

220 - 240 V; 50 Hz; 60 Hz

ca. 55 W

W optics, wide beam

approx. 8.100 lm

approx. 147 lm/W

Cold white

approx. 4.000 K

CRI ≥ 80

Direct; approx. 100 %

95° / 100°

< 3 SDCM

Optics

≤ 26.100 cd/m²

≤ 28

IP 54; I

Continuously dimmable

Aluminium; Powder coatet; White

Acrylic (PMMA); Satine

Available separately

-25 °C

45 °C

L80B50 50.000h

4013330006471

ca. 1,9 kg; 2,1 kg

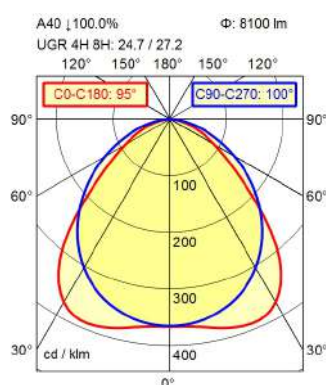
ca. 1.520 mm; 75 mm; 83 mm

¹⁾ For luminaires with separate control gear, the luminous efficacy refers to the luminaire head without control g

Continuous-row system CONVEO

CVG 8000/840/W-P/EA/5

226848099-00804945



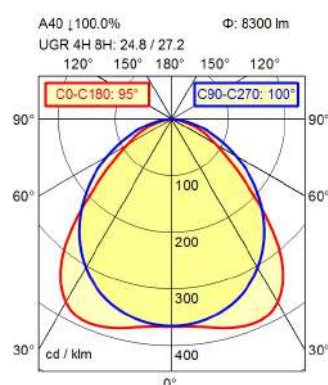
Light source	LED; IK06
Work equipment	Electronic ballast
Connected load	220 - 240 V; 50 Hz; 60 Hz
Power consumption	ca. 55 W
Lens	W optics, wide beam
Luminous flux	approx. 8.100 lm
Luminous efficiency ¹⁾	approx. 147 lm/W
Light type/color	Cold white
Colour temperatur	approx. 4.000 K
Color rendering index	CRI ≥ 80
Light distribution	Direct; approx. 100 %
Beam angle	95° / 100°
Chromaticity tolerance LED	< 3 SDCM
Glare control	Optics
Luminance (L65)	≤ 26.100 cd/m²
UGR class (4H 8H; EN 12464-1)	≤ 28
System of protection/Class	IP 54; I
Technology	Switchable
Housing	Aluminium; Powder coatet; White
Light source cover	Acrylic (PMMA); Satine
Fastening	Available separately
Minimum ambient temperature	-25 °C
Maximum ambient temperature	47 °C
Life expectancy LED	L80B50 50.000h
EAN	4013330007058
Weight without/incl. packaging	ca. 1,9 kg; 2,1 kg
Packaging dimensions	ca. 1.520 mm; 75 mm; 83 mm

¹⁾ For luminaires with separate control gear, the luminous efficacy refers to the luminaire head without control g

Continuous-row system CONVEO

CVG 8000/850/W-P/DA/7

226848049-00804940



Light source

Work equipment

Connected load

Power consumption

Lens

Luminous flux

Luminous efficiency¹⁾

Light type/color

Colour temperatur

Color rendering index

Light distribution

Beam angle

Chromaticity tolerance LED

Glare control

Luminance (L65)

UGR class (4H 8H; EN 12464-1)

System of protection/Class

Technology

Housing

Light source cover

Fastening

Minimum ambient temperature

Maximum ambient temperature

Life expectancy LED

EAN

Weight without/incl. packaging

Packaging dimensions

LED; IK06

Adjustable electronic ballast, digital DALI

220 - 240 V; 50 Hz; 60 Hz

ca. 55 W

W optics, wide beam

approx. 8.300 lm

approx. 150 lm/W

Cold white

approx. 5.000 K

CRI ≥ 80

Direct; approx. 100 %

95° / 100°

< 3 SDCM

Optics

≤ 26.800 cd/m²

≤ 28

IP 54; I

Continuously dimmable

Aluminium; Powder coatet; White

Acrylic (PMMA); Satine

Available separately

-25 °C

45 °C

L80B50 50.000h

4013330006648

ca. 1,9 kg; 2,1 kg

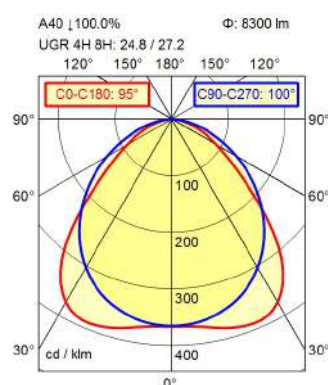
ca. 1.520 mm; 75 mm; 83 mm

¹⁾ For luminaires with separate control gear, the luminous efficacy refers to the luminaire head without control g

Continuous-row system CONVEO

CVG 8000/850/W-P/EA/5

226848109-00804946



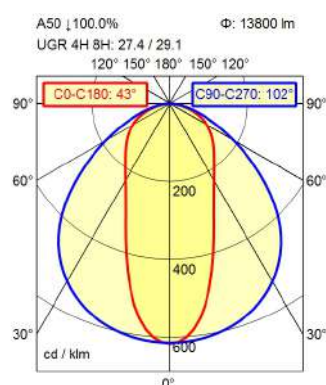
Light source	LED; IK06
Work equipment	Electronic ballast
Connected load	220 - 240 V; 50 Hz; 60 Hz
Power consumption	ca. 55 W
Lens	W optics, wide beam
Luminous flux	approx. 8.300 lm
Luminous efficiency ¹⁾	approx. 150 lm/W
Light type/color	Cold white
Colour temperatur	approx. 5.000 K
Color rendering index	CRI ≥ 80
Light distribution	Direct; approx. 100 %
Beam angle	95° / 100°
Chromaticity tolerance LED	< 3 SDCM
Glare control	Optics
Luminance (L65)	≤ 26.800 cd/m²
UGR class (4H 8H; EN 12464-1)	≤ 28
System of protection/Class	IP 54; I
Technology	Switchable
Housing	Aluminium; Powder coatet; White
Light source cover	Acrylic (PMMA); Satine
Fastening	Available separately
Minimum ambient temperature	-25 °C
Maximum ambient temperature	47 °C
Life expectancy LED	L80B50 50.000h
EAN	4013330007065
Weight without/incl. packaging	ca. 1,9 kg; 2,1 kg
Packaging dimensions	ca. 1.520 mm; 75 mm; 83 mm

¹⁾ For luminaires with separate control gear, the luminous efficacy refers to the luminaire head without control g

Continuous-row system CONVEO

CVG 15000/840/xN-P/DA/7

226848179-00804955



Light source

Work equipment

Connected load

Power consumption

Lens

Luminous flux

Luminous efficiency¹⁾

Light type/color

Colour temperatur

Color rendering index

Light distribution

Beam angle

Chromaticity tolerance LED

Glare control

Luminance (L65)

UGR class (4H 8H; EN 12464-1)

System of protection/Class

Technology

Housing

Light source cover

Fastening

Minimum ambient temperature

Maximum ambient temperature

Life expectancy LED

EAN

Weight without/incl. packaging

Packaging dimensions

LED; IK06

Adjustable electronic ballast, digital DALI

220 - 240 V; 50 Hz; 60 Hz

ca. 100 W

xN optics, extra narrow beam

approx. 13.800 lm

approx. 138 lm/W

Cold white

approx. 4.000 K

CRI ≥ 80

Direct; approx. 100 %

43° / 102°

< 3 SDCM

Optics

≤ 47.000 cd/m²

> 28

IP 54; I

Continuously dimmable

Aluminium; Powder coatet; White

Acrylic (PMMA); Satine

Available separately

-25 °C

33 °C

L80B50 50.000h

4013330008048

ca. 2,2 kg; 2,4 kg

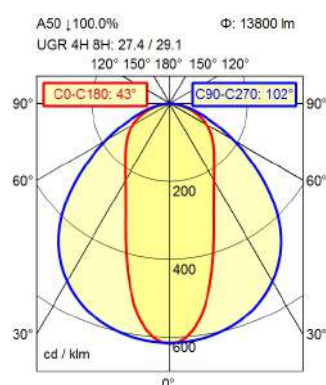
ca. 1.520 mm; 75 mm; 83 mm

¹⁾ For luminaires with separate control gear, the luminous efficacy refers to the luminaire head without control g

Continuous-row system CONVEO

CVG 15000/840/xN-P/EA/5

226848239-00804961



Light source

LED; IK06

Work equipment

Electronic ballast

Connected load

220 - 240 V; 50 Hz; 60 Hz

Power consumption

ca. 100 W

Lens

xN optics, extra narrow beam

Luminous flux

approx. 13.800 lm

Luminous efficiency¹⁾

approx. 138 lm/W

Light type/-color

Cold white

Colour temperatur

approx. 4.000 K

Color rendering index

CRI ≥ 80

Light distribution

Direct; approx. 100 %

Beam angle

43° / 102°

Chromaticity tolerance LED

< 3 SDCM

Glare control

Optics

Luminance (L65)

≤ 47.000 cd/m²

UGR class (4H 8H; EN 12464-1)

> 28

System of protection/Class

IP 54; I

Technology

Switchable

Housing

Aluminium; Powder coatet; White

Light source cover

Acrylic (PMMA); Satine

Fastening

Available separately

Minimum ambient temperature

-25 °C

Maximum ambient temperature

37 °C

Life expectancy LED

L80B50 50.000h

EAN

4013330008703

Weight without/incl. packaging

ca. 2,2 kg; 2,4 kg

Packaging dimensions

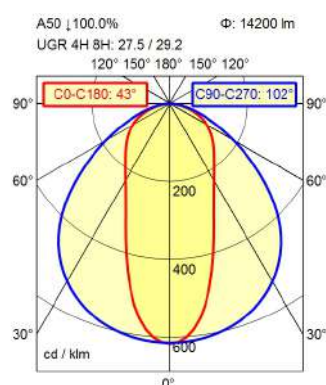
ca. 1.520 mm; 75 mm; 83 mm

¹⁾ For luminaires with separate control gear, the luminous efficacy refers to the luminaire head without control g

Continuous-row system CONVEO

CVG 15000/850/xN-P/DA/7

226848189-00804956



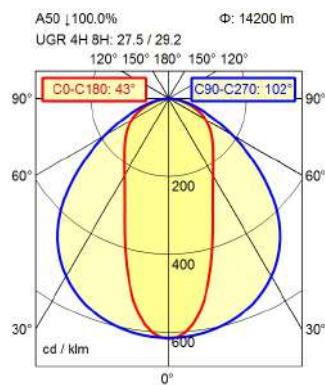
Light source	LED; IK06
Work equipment	Adjustable electronic ballast, digital DALI
Connected load	220 - 240 V; 50 Hz; 60 Hz
Power consumption	ca. 100 W
Lens	xN optics, extra narrow beam
Luminous flux	approx. 14.200 lm
Luminous efficiency¹⁾	approx. 142 lm/W
Light type/color	Cold white
Colour temperatur	approx. 5.000 K
Color rendering index	CRI ≥ 80
Light distribution	Direct; approx. 100 %
Beam angle	43° / 102°
Chromaticity tolerance LED	< 3 SDCM
Glare control	Optics
Luminance (L65)	≤ 48.300 cd/m²
UGR class (4H 8H; EN 12464-1)	> 28
System of protection/Class	IP 54; I
Technology	Continuously dimmable
Housing	Aluminium; Powder coatet; White
Light source cover	Acrylic (PMMA); Satine
Fastening	Available separately
Minimum ambient temperature	-25 °C
Maximum ambient temperature	33 °C
Life expectancy LED	L80B50 50.000h
EAN	4013330008352
Weight without/incl. packaging	ca. 2,2 kg; 2,4 kg
Packaging dimensions	ca. 1.520 mm; 75 mm; 83 mm

¹⁾ For luminaires with separate control gear, the luminous efficacy refers to the luminaire head without control g

Continuous-row system CONVEO

CVG 15000/850/xN-P/EA/5

226848249-00804962



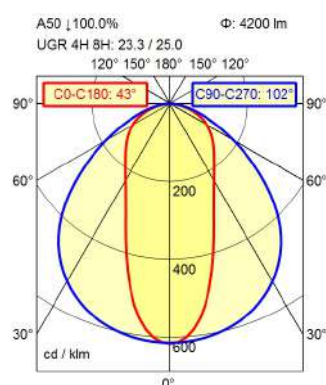
Light source	LED; IK06
Work equipment	Electronic ballast
Connected load	220 - 240 V; 50 Hz; 60 Hz
Power consumption	ca. 100 W
Lens	xN optics, extra narrow beam
Luminous flux	approx. 14.200 lm
Luminous efficiency ¹⁾	approx. 142 lm/W
Light type/-color	Cold white
Colour temperatur	approx. 5.000 K
Color rendering index	CRI ≥ 80
Light distribution	Direct; approx. 100 %
Beam angle	43° / 102°
Chromaticity tolerance LED	< 3 SDCM
Glare control	Optics
Luminance (L65)	≤ 48.300 cd/m²
UGR class (4H 8H; EN 12464-1)	> 28
System of protection/Class	IP 54; I
Technology	Switchable
Housing	Aluminium; Powder coatet; White
Light source cover	Acrylic (PMMA); Satine
Fastening	Available separately
Minimum ambient temperature	-25 °C
Maximum ambient temperature	37 °C
Life expectancy LED	L80B50 50.000h
EAN	4013330008727
Weight without/incl. packaging	ca. 2,2 kg; 2,4 kg
Packaging dimensions	ca. 1.520 mm; 75 mm; 83 mm

¹⁾ For luminaires with separate control gear, the luminous efficacy refers to the luminaire head without control g

Continuous-row system CONVEO

CVG 4500/840/xN-P/DA/7

226848139-00804951



Light source

Work equipment

Connected load

Power consumption

Lens

Luminous flux

Luminous efficiency¹⁾

Light type/-color

Colour temperatur

Color rendering index

Light distribution

Beam angle

Chromaticity tolerance LED

Glare control

Luminance (L65)

UGR class (4H 8H; EN 12464-1)

System of protection/Class

Technology

Housing

Light source cover

Fastening

Minimum ambient temperature

Maximum ambient temperature

Life expectancy LED

EAN

Weight without/incl. packaging

Packaging dimensions

LED; IK06

Adjustable electronic ballast, digital DALI

220 - 240 V; 50 Hz; 60 Hz

ca. 28 W

xN optics, extra narrow beam

approx. 4.200 lm

approx. 150 lm/W

Cold white

approx. 4.000 K

CRI ≥ 80

Direct; approx. 100 %

43° / 102°

< 3 SDCM

Optics

≤ 14.300 cd/m²

≤ 25

IP 54; I

Continuously dimmable

Aluminium; Powder coatet; White

Acrylic (PMMA); Satine

Available separately

-25 °C

55 °C

L80B50 50.000h

4013330007379

ca. 1,9 kg; 2,1 kg

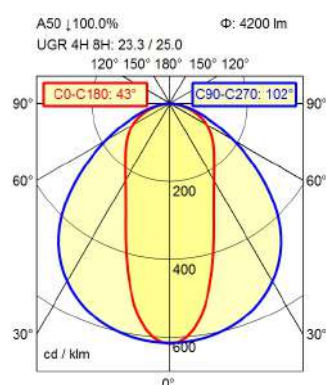
ca. 1.520 mm; 75 mm; 83 mm

¹⁾ For luminaires with separate control gear, the luminous efficacy refers to the luminaire head without control g

Continuous-row system CONVEO

CVG 4500/840/xN-P/EA/5

226848199-00804957



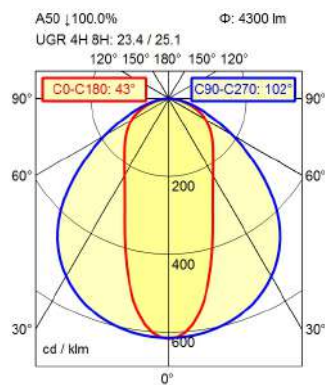
Light source	LED; IK06
Work equipment	Electronic ballast
Connected load	220 - 240 V; 50 Hz; 60 Hz
Power consumption	ca. 28 W
Lens	xN optics, extra narrow beam
Luminous flux	approx. 4.200 lm
Luminous efficiency ¹⁾	approx. 150 lm/W
Light type/color	Cold white
Colour temperatur	approx. 4.000 K
Color rendering index	CRI ≥ 80
Light distribution	Direct; approx. 100 %
Beam angle	43° / 102°
Chromaticity tolerance LED	< 3 SDCM
Glare control	Optics
Luminance (L65)	≤ 14.300 cd/m²
UGR class (4H 8H; EN 12464-1)	≤ 25
System of protection/Class	IP 54; I
Technology	Switchable
Housing	Aluminium; Powder coatet; White
Light source cover	Acrylic (PMMA); Satine
Fastening	Available separately
Minimum ambient temperature	-25 °C
Maximum ambient temperature	56 °C
Life expectancy LED	L80B50 50.000h
EAN	4013330008482
Weight without/incl. packaging	ca. 1,9 kg; 2,1 kg
Packaging dimensions	ca. 1.520 mm; 75 mm; 83 mm

¹⁾ For luminaires with separate control gear, the luminous efficacy refers to the luminaire head without control g

Continuous-row system CONVEO

CVG 4500/850/xN-P/DA/7

226848149-00804952



Light source

Work equipment

Connected load

Power consumption

Lens

Luminous flux

Luminous efficiency ¹⁾

Light type/-color

Colour temperatur

Color rendering index

Light distribution

Beam angle

Chromaticity tolerance LED

Glare control

Luminance (L65)

UGR class (4H 8H; EN 12464-1)

System of protection/Class

Technology

Housing

Light source cover

Fastening

Minimum ambient temperature

Maximum ambient temperature

Life expectancy LED

EAN

Weight without/incl. packaging

Packaging dimensions

LED; IK06

Adjustable electronic ballast, digital DALI

220 - 240 V; 50 Hz; 60 Hz

ca. 28 W

xN optics, extra narrow beam

approx. 4.300 lm

approx. 153 lm/W

Cold white

approx. 5.000 K

CRI ≥ 80

Direct; approx. 100 %

43° / 102°

< 3 SDCM

Optics

≤ 14.700 cd/m²

≤ 25

IP 54; I

Continuously dimmable

Aluminium; Powder coatet; White

Acrylic (PMMA); Satine

Available separately

-25 °C

55 °C

L80B50 50.000h

4013330007485

ca. 1,9 kg; 2,1 kg

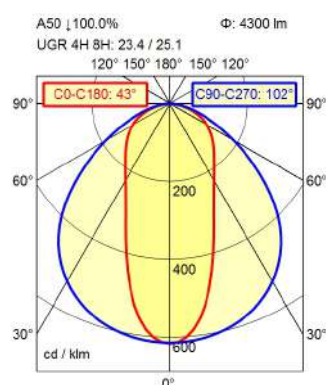
ca. 1.520 mm; 75 mm; 83 mm

¹⁾ For luminaires with separate control gear, the luminous efficacy refers to the luminaire head without control g

Continuous-row system CONVEO

CVG 4500/850/xN-P/EA/5

226848209-00804958



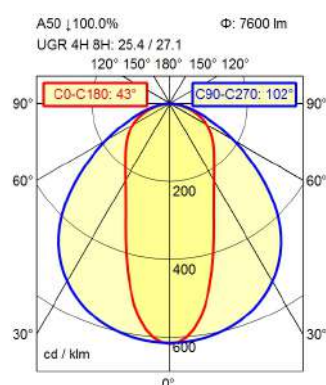
Light source	LED; IK06
Work equipment	Electronic ballast
Connected load	220 - 240 V; 50 Hz; 60 Hz
Power consumption	ca. 28 W
Lens	xN optics, extra narrow beam
Luminous flux	approx. 4.300 lm
Luminous efficiency ¹⁾	approx. 153 lm/W
Light type/color	Cold white
Colour temperatur	approx. 5.000 K
Color rendering index	CRI ≥ 80
Light distribution	Direct; approx. 100 %
Beam angle	43° / 102°
Chromaticity tolerance LED	< 3 SDCM
Glare control	Optics
Luminance (L65)	≤ 14.700 cd/m²
UGR class (4H 8H; EN 12464-1)	≤ 25
System of protection/Class	IP 54; I
Technology	Switchable
Housing	Aluminium; Powder coatet; White
Light source cover	Acrylic (PMMA); Satine
Fastening	Available separately
Minimum ambient temperature	-25 °C
Maximum ambient temperature	56 °C
Life expectancy LED	L80B50 50.000h
EAN	4013330008512
Weight without/incl. packaging	ca. 1,9 kg; 2,1 kg
Packaging dimensions	ca. 1.520 mm; 75 mm; 83 mm

¹⁾ For luminaires with separate control gear, the luminous efficacy refers to the luminaire head without control g

Continuous-row system CONVEO

CVG 8000/840/xN-P/DA/7

226848159-00804953



Light source

LED; IK06

Work equipment

Adjustable electronic ballast, digital DALI

Connected load

220 - 240 V; 50 Hz; 60 Hz

Power consumption

ca. 55 W

Lens

xN optics, extra narrow beam

Luminous flux

approx. 7.600 lm

Luminous efficiency¹⁾

approx. 138 lm/W

Light type/-color

Cold white

Colour temperatur

approx. 4.000 K

Color rendering index

CRI ≥ 80

Light distribution

Direct; approx. 100 %

Beam angle

43° / 102°

Chromaticity tolerance LED

< 3 SDCM

Glare control

Optics

Luminance (L65)

≤ 25.900 cd/m²

UGR class (4H 8H; EN 12464-1)

≤ 28

System of protection/Class

IP 54; I

Technology

Continuously dimmable

Housing

Aluminium; Powder coatet; White

Light source cover

Acrylic (PMMA); Satine

Fastening

Available separately

Minimum ambient temperature

-25 °C

Maximum ambient temperature

45 °C

Life expectancy LED

L80B50 50.000h

EAN

4013330007638

Weight without/incl. packaging

ca. 1,9 kg; 2,1 kg

Packaging dimensions

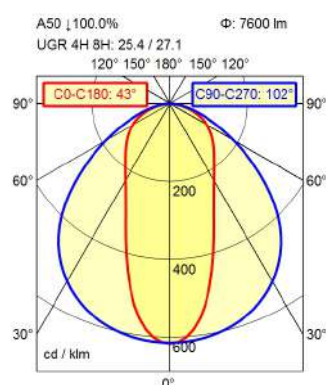
ca. 1.520 mm; 75 mm; 83 mm

¹⁾ For luminaires with separate control gear, the luminous efficacy refers to the luminaire head without control g

Continuous-row system CONVEO

CVG 8000/840/xN-P/EA/5

226848219-00804959



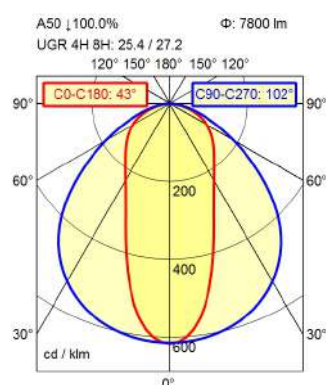
Light source	LED; IK06
Work equipment	Electronic ballast
Connected load	220 - 240 V; 50 Hz; 60 Hz
Power consumption	ca. 55 W
Lens	xN optics, extra narrow beam
Luminous flux	approx. 7.600 lm
Luminous efficiency ¹⁾	approx. 138 lm/W
Light type/-color	Cold white
Colour temperatur	approx. 4.000 K
Color rendering index	CRI ≥ 80
Light distribution	Direct; approx. 100 %
Beam angle	43° / 102°
Chromaticity tolerance LED	< 3 SDCM
Glare control	Optics
Luminance (L65)	≤ 25.900 cd/m²
UGR class (4H 8H; EN 12464-1)	≤ 28
System of protection/Class	IP 54; I
Technology	Switchable
Housing	Aluminium; Powder coatet; White
Light source cover	Acrylic (PMMA); Satine
Fastening	Available separately
Minimum ambient temperature	-25 °C
Maximum ambient temperature	47 °C
Life expectancy LED	L80B50 50.000h
EAN	4013330008642
Weight without/incl. packaging	ca. 1,9 kg; 2,1 kg
Packaging dimensions	ca. 1.520 mm; 75 mm; 83 mm

¹⁾ For luminaires with separate control gear, the luminous efficacy refers to the luminaire head without control g

Continuous-row system CONVEO

CVG 8000/850/xN-P/DA/7

226848169-00804954



Light source

Work equipment

Connected load

Power consumption

Lens

Luminous flux

Luminous efficiency¹⁾

Light type/color

Colour temperatur

Color rendering index

Light distribution

Beam angle

Chromaticity tolerance LED

Glare control

Luminance (L65)

UGR class (4H 8H; EN 12464-1)

System of protection/Class

Technology

Housing

Light source cover

Fastening

Minimum ambient temperature

Maximum ambient temperature

Life expectancy LED

EAN

Weight without/incl. packaging

Packaging dimensions

LED; IK06

Adjustable electronic ballast, digital DALI

220 - 240 V; 50 Hz; 60 Hz

ca. 55 W

xN optics, extra narrow beam

approx. 7.800 lm

approx. 141 lm/W

Cold white

approx. 5.000 K

CRI ≥ 80

Direct; approx. 100 %

43° / 102°

< 3 SDCM

Optics

≤ 26.600 cd/m²

≤ 28

IP 54; I

Continuously dimmable

Aluminium; Powder coatet; White

Acrylic (PMMA); Satine

Available separately

-25 °C

45 °C

L80B50 50.000h

4013330007980

ca. 1,9 kg; 2,1 kg

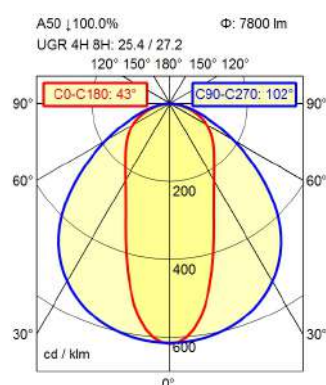
ca. 1.520 mm; 75 mm; 83 mm

¹⁾ For luminaires with separate control gear, the luminous efficacy refers to the luminaire head without control g

Continuous-row system CONVEO

CVG 8000/850/xN-P/EA/5

226848229-00804960



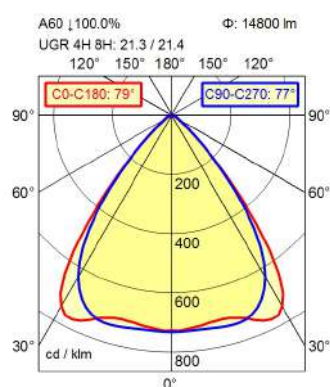
Light source	LED; IK06
Work equipment	Electronic ballast
Connected load	220 - 240 V; 50 Hz; 60 Hz
Power consumption	ca. 55 W
Lens	xN optics, extra narrow beam
Luminous flux	approx. 7.800 lm
Luminous efficiency ¹⁾	approx. 141 lm/W
Light type/color	Cold white
Colour temperatur	approx. 5.000 K
Color rendering index	CRI ≥ 80
Light distribution	Direct; approx. 100 %
Beam angle	43° / 102°
Chromaticity tolerance LED	< 3 SDCM
Glare control	Optics
Luminance (L65)	≤ 26.600 cd/m²
UGR class (4H 8H; EN 12464-1)	≤ 28
System of protection/Class	IP 54; I
Technology	Switchable
Housing	Aluminium; Powder coatet; White
Light source cover	Acrylic (PMMA); Satine
Fastening	Available separately
Minimum ambient temperature	-25 °C
Maximum ambient temperature	47 °C
Life expectancy LED	L80B50 50.000h
EAN	4013330008673
Weight without/incl. packaging	ca. 1,9 kg; 2,1 kg
Packaging dimensions	ca. 1.520 mm; 75 mm; 83 mm

¹⁾ For luminaires with separate control gear, the luminous efficacy refers to the luminaire head without control g

Continuous-row system CONVEO

CVG 15000/840/W-L/DA/7

226848299-00804968



Light source

Work equipment

Connected load

Power consumption

Lens

Luminous flux

Luminous efficiency¹⁾

Light type/color

Colour temperatur

Color rendering index

Light distribution

Beam angle

Chromaticity tolerance LED

Glare control

Luminance (L65)

UGR class (4H 8H; EN 12464-1)

System of protection/Class

Technology

Housing

Light source cover

Fastening

Minimum ambient temperature

Maximum ambient temperature

Life expectancy LED

EAN

Weight without/incl. packaging

Packaging dimensions

LED; IK05

Adjustable electronic ballast, digital DALI

220 - 240 V; 50 Hz; 60 Hz

ca. 86 W

W optics, wide beam

approx. 14.800 lm

approx. 172 lm/W

Cold white

approx. 4.000 K

CRI ≥ 80

Direct; approx. 100 %

79° / 77°

< 3 SDCM

Optics

≤ 8.500 cd/m²

≤ 22

IP 54; I

Continuously dimmable

Aluminium; Powder coatet; White

Acrylic (PMMA); Satine

Available separately

0 °C

41 °C

L80B50 50.000h

4013330006426

ca. 2,2 kg; 2,4 kg

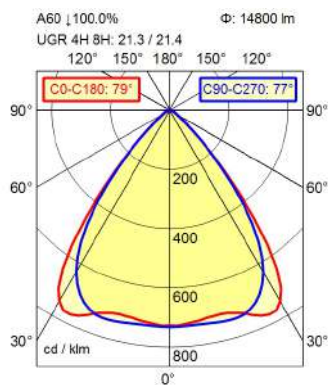
ca. 1.520 mm; 75 mm; 83 mm

¹⁾ For luminaires with separate control gear, the luminous efficacy refers to the luminaire head without control g

Continuous-row system CONVEO

CVG 15000/840/W-L/EA/5

226848359-00804974



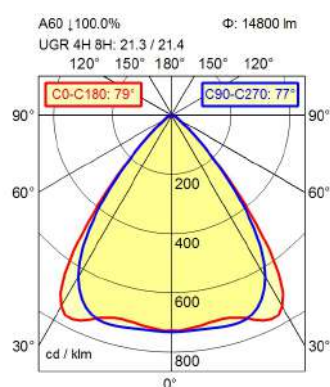
Light source	LED; IK05
Work equipment	Electronic ballast
Connected load	220 - 240 V; 50 Hz; 60 Hz
Power consumption	ca. 86 W
Lens	W optics, wide beam
Luminous flux	approx. 14.800 lm
Luminous efficiency ¹⁾	approx. 172 lm/W
Light type/color	Cold white
Colour temperatur	approx. 4.000 K
Color rendering index	CRI ≥ 80
Light distribution	Direct; approx. 100 %
Beam angle	79° / 77°
Chromaticity tolerance LED	< 3 SDCM
Glare control	Optics
Luminance (L65)	≤ 8.500 cd/m ²
UGR class (4H 8H; EN 12464-1)	≤ 22
System of protection/Class	IP 54; I
Technology	Switchable
Housing	Aluminium; Powder coatet; White
Light source cover	Acrylic (PMMA); Satine
Fastening	Available separately
Minimum ambient temperature	0 °C
Maximum ambient temperature	41 °C
Life expectancy LED	L80B50 50.000h
EAN	4013330009762
Weight without/incl. packaging	ca. 2,2 kg; 2,4 kg
Packaging dimensions	ca. 1.520 mm; 75 mm; 83 mm

¹⁾ For luminaires with separate control gear, the luminous efficacy refers to the luminaire head without control g

Continuous-row system CONVEO

CVG 15000/850/W-L/DA/7

226848309-00804969



Light source

Work equipment

Connected load

Power consumption

Lens

Luminous flux

Luminous efficiency¹⁾

Light type/color

Colour temperatur

Color rendering index

Light distribution

Beam angle

Chromaticity tolerance LED

Glare control

Luminance (L65)

UGR class (4H 8H; EN 12464-1)

System of protection/Class

Technology

Housing

Light source cover

Fastening

Minimum ambient temperature

Maximum ambient temperature

Life expectancy LED

EAN

Weight without/incl. packaging

Packaging dimensions

LED; IK05

Adjustable electronic ballast, digital DALI

220 - 240 V; 50 Hz; 60 Hz

ca. 86 W

W optics, wide beam

approx. 14.800 lm

approx. 172 lm/W

Cold white

approx. 5.000 K

CRI ≥ 80

Direct; approx. 100 %

79° / 77°

< 3 SDCM

Optics

≤ 8.500 cd/m²

≤ 22

IP 54; I

Continuously dimmable

Aluminium; Powder coatet; White

Acrylic (PMMA); Satine

Available separately

0 °C

41 °C

L80B50 50.000h

4013330009267

ca. 2,2 kg; 2,4 kg

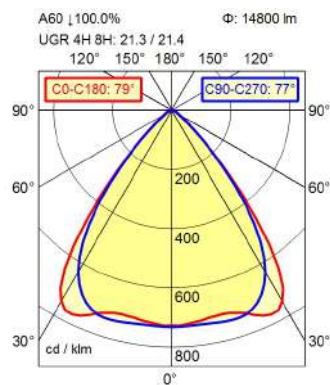
ca. 1.520 mm; 75 mm; 83 mm

¹⁾ For luminaires with separate control gear, the luminous efficacy refers to the luminaire head without control g

Continuous-row system CONVEO

CVG 15000/850/W-L/EA/5

226848369-00804975



Light source

Work equipment

Connected load

Power consumption

Lens

Luminous flux

Luminous efficiency¹⁾

Light type/color

Colour temperatur

Color rendering index

Light distribution

Beam angle

Chromaticity tolerance LED

Glare control

Luminance (L65)

UGR class (4H 8H; EN 12464-1)

System of protection/Class

Technology

Housing

Light source cover

Fastening

Minimum ambient temperature

Maximum ambient temperature

Life expectancy LED

EAN

Weight without/incl. packaging

Packaging dimensions

LED; IK05

Electronic ballast

220 - 240 V; 50 Hz; 60 Hz

ca. 86 W

W optics, wide beam

approx. 14.800 lm

approx. 172 lm/W

Cold white

approx. 5.000 K

CRI ≥ 80

Direct; approx. 100 %

79° / 77°

< 3 SDCM

Optics

≤ 8.500 cd/m²

≤ 22

IP 54; I

Switchable

Aluminium; Powder coatet; White

Acrylic (PMMA); Satine

Available separately

0 °C

41 °C

L80B50 50.000h

4013330009830

ca. 2,2 kg; 2,4 kg

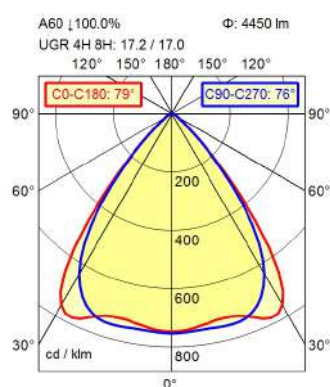
ca. 1.520 mm; 75 mm; 83 mm

¹⁾ For luminaires with separate control gear, the luminous efficacy refers to the luminaire head without control g

Continuous-row system CONVEO

CVG 4500/840/W-L/DA/7

226848259-00804964



Light source

Work equipment

Connected load

Power consumption

Lens

Luminous flux

Luminous efficiency¹⁾

Light type/color

Colour temperatur

Color rendering index

Light distribution

Beam angle

Chromaticity tolerance LED

Glare control

Luminance (L65)

UGR class (4H 8H; EN 12464-1)

System of protection/Class

Technology

Housing

Light source cover

Fastening

Minimum ambient temperature

Maximum ambient temperature

Life expectancy LED

EAN

Weight without/incl. packaging

Packaging dimensions

LED; IK05

Adjustable electronic ballast, digital DALI

220 - 240 V; 50 Hz; 60 Hz

ca. 24 W

W optics, wide beam

approx. 4.450 lm

approx. 185 lm/W

Cold white

approx. 4.000 K

CRI ≥ 80

Direct; approx. 100 %

79° / 76°

< 3 SDCM

Optics

≤ 2.400 cd/m²

≤ 19

IP 54; I

Continuously dimmable

Aluminium; Powder coatet; White

Acrylic (PMMA); Satine

Available separately

0 °C

50 °C

L80B50 50.000h

4013330008802

ca. 1,9 kg; 2,1 kg

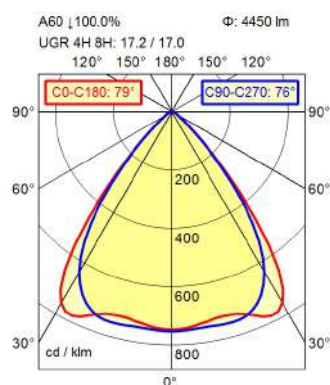
ca. 1.520 mm; 75 mm; 83 mm

¹⁾ For luminaires with separate control gear, the luminous efficacy refers to the luminaire head without control g

Continuous-row system CONVEO

CVG 4500/840/W-L/EA/5

226848319-00804970



Light source

LED; IK05

Work equipment

Electronic ballast

Connected load

220 - 240 V; 50 Hz; 60 Hz

Power consumption

ca. 24 W

Lens

W optics, wide beam

Luminous flux

approx. 4.450 lm

Luminous efficiency¹⁾

approx. 185 lm/W

Light type/color

Cold white

Colour temperatur

approx. 4.000 K

Color rendering index

CRI ≥ 80

Light distribution

Direct; approx. 100 %

Beam angle

79° / 76°

Chromaticity tolerance LED

< 3 SDCM

Glare control

Optics

Luminance (L65)

≤ 2.400 cd/m²

UGR class (4H 8H; EN 12464-1)

≤ 19

System of protection/Class

IP 54; I

Technology

Switchable

Housing

Aluminium; Powder coatet; White

Light source cover

Acrylic (PMMA); Satine

Fastening

Available separately

Minimum ambient temperature

0 °C

Maximum ambient temperature

50 °C

Life expectancy LED

L80B50 50.000h

EAN

4013330009458

Weight without/incl. packaging

ca. 1,9 kg; 2,1 kg

Packaging dimensions

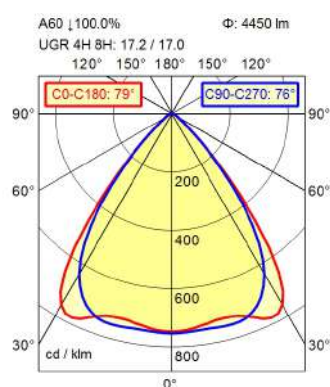
ca. 1.520 mm; 75 mm; 83 mm

¹⁾ For luminaires with separate control gear, the luminous efficacy refers to the luminaire head without control g

Continuous-row system CONVEO

CVG 4500/850/W-L/DALI/7

226848269-00804965



Light source

Work equipment

Connected load

Power consumption

Lens

Luminous flux

Luminous efficiency¹⁾

Light type/color

Colour temperatur

Color rendering index

Light distribution

Beam angle

Chromaticity tolerance LED

Glare control

Luminance (L65)

UGR class (4H 8H; EN 12464-1)

System of protection/Class

Technology

Housing

Light source cover

Fastening

Minimum ambient temperature

Maximum ambient temperature

Life expectancy LED

EAN

Weight without/incl. packaging

Packaging dimensions

LED; IK05

Adjustable electronic ballast, digital DALI

220 - 240 V; 50 Hz; 60 Hz

ca. 24 W

W optics, wide beam

approx. 4.450 lm

approx. 185 lm/W

Cold white

approx. 5.000 K

CRI ≥ 80

Direct; approx. 100 %

79° / 76°

< 3 SDCM

Optics

≤ 2.400 cd/m²

≤ 19

IP 54; I

Continuously dimmable

Aluminium; Powder coatet; White

Acrylic (PMMA); Satine

Available separately

0 °C

50 °C

L80B50 50.000h

4013330008819

ca. 1,9 kg; 2,1 kg

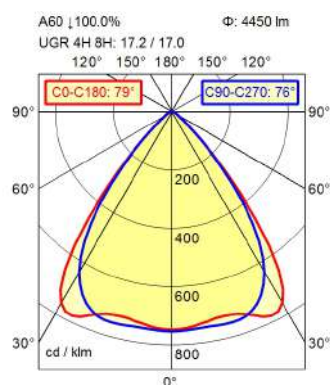
ca. 1.520 mm; 75 mm; 83 mm

¹⁾ For luminaires with separate control gear, the luminous efficacy refers to the luminaire head without control g

Continuous-row system CONVEO

CVG 4500/850/W-L/EA/5

226848329-00804971



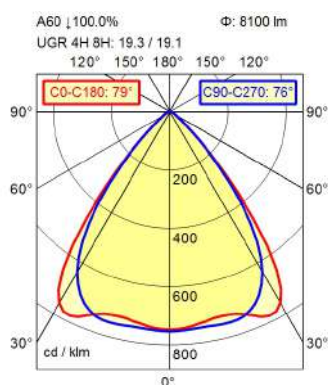
Light source	LED; IK05
Work equipment	Electronic ballast
Connected load	220 - 240 V; 50 Hz; 60 Hz
Power consumption	ca. 24 W
Lens	W optics, wide beam
Luminous flux	approx. 4.450 lm
Luminous efficiency ¹⁾	approx. 185 lm/W
Light type/color	Cold white
Colour temperatur	approx. 5.000 K
Color rendering index	CRI ≥ 80
Light distribution	Direct; approx. 100 %
Beam angle	79° / 76°
Chromaticity tolerance LED	< 3 SDCM
Glare control	Optics
Luminance (L65)	≤ 2.400 cd/m ²
UGR class (4H 8H; EN 12464-1)	≤ 19
System of protection/Class	IP 54; I
Technology	Switchable
Housing	Aluminium; Powder coatet; White
Light source cover	Acrylic (PMMA); Satine
Fastening	Available separately
Minimum ambient temperature	0 °C
Maximum ambient temperature	50 °C
Life expectancy LED	L80B50 50.000h
EAN	4013330009533
Weight without/incl. packaging	ca. 1,9 kg; 2,1 kg
Packaging dimensions	ca. 1.520 mm; 75 mm; 83 mm

¹⁾ For luminaires with separate control gear, the luminous efficacy refers to the luminaire head without control g

Continuous-row system CONVEO

CVG 8000/840/W-L/DA/7

226848279-00804966



Light source

Work equipment

Connected load

Power consumption

Lens

Luminous flux

Luminous efficiency¹⁾

Light type/color

Colour temperatur

Color rendering index

Light distribution

Beam angle

Chromaticity tolerance LED

Glare control

Luminance (L65)

UGR class (4H 8H; EN 12464-1)

System of protection/Class

Technology

Housing

Light source cover

Fastening

Minimum ambient temperature

Maximum ambient temperature

Life expectancy LED

EAN

Weight without/incl. packaging

Packaging dimensions

LED; IK05

Adjustable electronic ballast, digital DALI

220 - 240 V; 50 Hz; 60 Hz

ca. 47 W

W optics, wide beam

approx. 8.100 lm

approx. 172 lm/W

Cold white

approx. 4.000 K

CRI ≥ 80

Direct; approx. 100 %

79° / 76°

< 3 SDCM

Optics

≤ 4.400 cd/m²

≤ 22

IP 54; I

Continuously dimmable

Aluminium; Powder coatet; White

Acrylic (PMMA); Satine

Available separately

0 °C

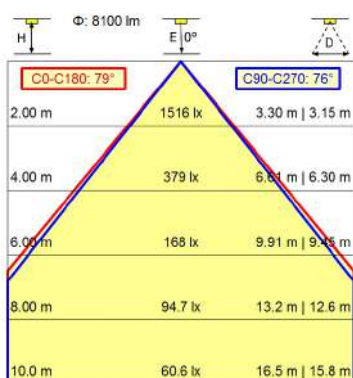
42 °C

L80B50 50.000h

4013330047573

ca. 1,9 kg; 2,1 kg

ca. 1.520 mm; 75 mm; 83 mm

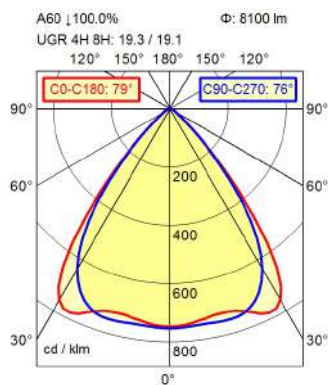


¹⁾ For luminaires with separate control gear, the luminous efficacy refers to the luminaire head without control g

Continuous-row system CONVEO

CVG 8000/840/W-L/EA/5

226848339-00804972



Light source

LED; IK05

Work equipment

Electronic ballast

Connected load

220 - 240 V; 50 Hz; 60 Hz

Power consumption

ca. 47 W

Lens

W optics, wide beam

Luminous flux

approx. 8.100 lm

Luminous efficiency¹⁾

approx. 172 lm/W

Light type/color

Cold white

Colour temperatur

approx. 4.000 K

Color rendering index

CRI ≥ 80

Light distribution

Direct; approx. 100 %

Beam angle

79° / 76°

Chromaticity tolerance LED

< 3 SDCM

Glare control

Optics

Luminance (L65)

≤ 4.400 cd/m²

UGR class (4H 8H; EN 12464-1)

≤ 22

System of protection/Class

IP 54; I

Technology

Switchable

Housing

Aluminium; Powder coatet; White

Light source cover

Acrylic (PMMA); Satine

Fastening

Available separately

Minimum ambient temperature

0 °C

Maximum ambient temperature

46 °C

Life expectancy LED

L80B50 50.000h

EAN

4013330006044

Weight without/incl. packaging

ca. 1,9 kg; 2,1 kg

Packaging dimensions

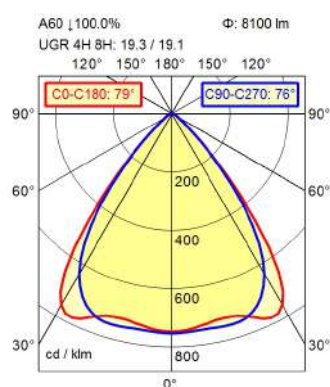
ca. 1.520 mm; 75 mm; 83 mm

¹⁾ For luminaires with separate control gear, the luminous efficacy refers to the luminaire head without control g

Continuous-row system CONVEO

CVG 8000/850/W-L/DA/7

226848289-00804967



Light source

Work equipment

Connected load

Power consumption

Lens

Luminous flux

Luminous efficiency¹⁾

Light type/color

Colour temperatur

Color rendering index

Light distribution

Beam angle

Chromaticity tolerance LED

Glare control

Luminance (L65)

UGR class (4H 8H; EN 12464-1)

System of protection/Class

Technology

Housing

Light source cover

Fastening

Minimum ambient temperature

Maximum ambient temperature

Life expectancy LED

EAN

Weight without/incl. packaging

Packaging dimensions

LED; IK05

Adjustable electronic ballast, digital DALI

220 - 240 V; 50 Hz; 60 Hz

ca. 47 W

W optics, wide beam

approx. 8.100 lm

approx. 172 lm/W

Cold white

approx. 5.000 K

CRI ≥ 80

Direct; approx. 100 %

79° / 76°

< 3 SDCM

Optics

≤ 4.400 cd/m²

≤ 22

IP 54; I

Continuously dimmable

Aluminium; Powder coatet; White

Acrylic (PMMA); Satine

Available separately

0 °C

42 °C

L80B50 50.000h

4013330009076

ca. 1,9 kg; 2,1 kg

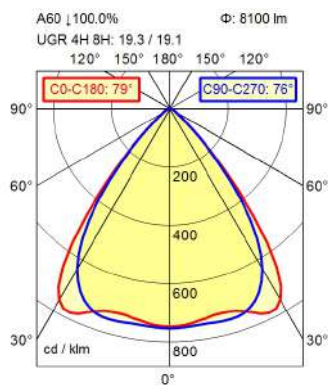
ca. 1.520 mm; 75 mm; 83 mm

¹⁾ For luminaires with separate control gear, the luminous efficacy refers to the luminaire head without control g

Continuous-row system CONVEO

CVG 8000/850/W-L/EA/5

226848349-00804973



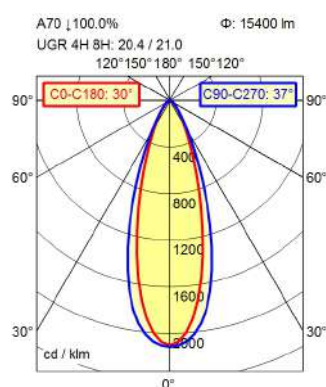
Light source	LED; IK05
Work equipment	Electronic ballast
Connected load	220 - 240 V; 50 Hz; 60 Hz
Power consumption	ca. 47 W
Lens	W optics, wide beam
Luminous flux	approx. 8.100 lm
Luminous efficiency ¹⁾	approx. 172 lm/W
Light type/color	Cold white
Colour temperatur	approx. 5.000 K
Color rendering index	CRI ≥ 80
Light distribution	Direct; approx. 100 %
Beam angle	79° / 76°
Chromaticity tolerance LED	< 3 SDCM
Glare control	Optics
Luminance (L65)	≤ 4.400 cd/m ²
UGR class (4H 8H; EN 12464-1)	≤ 22
System of protection/Class	IP 54; I
Technology	Switchable
Housing	Aluminium; Powder coatet; White
Light source cover	Acrylic (PMMA); Satine
Fastening	Available separately
Minimum ambient temperature	0 °C
Maximum ambient temperature	46 °C
Life expectancy LED	L80B50 50.000h
EAN	4013330009755
Weight without/incl. packaging	ca. 1,9 kg; 2,1 kg
Packaging dimensions	ca. 1.520 mm; 75 mm; 83 mm

¹⁾ For luminaires with separate control gear, the luminous efficacy refers to the luminaire head without control g

Continuous-row system CONVEO

CVG 15000/840/xN-L/DA/7

226848419-00804980



Light source

Work equipment

Connected load

Power consumption

Lens

Luminous flux

Luminous efficiency¹⁾

Light type/color

Colour temperatur

Color rendering index

Light distribution

Beam angle

Chromaticity tolerance LED

Glare control

Luminance (L65)

UGR class (4H 8H; EN 12464-1)

System of protection/Class

Technology

Housing

Light source cover

Fastening

Minimum ambient temperature

Maximum ambient temperature

Life expectancy LED

EAN

Weight without/incl. packaging

Packaging dimensions

LED; IK05

Adjustable electronic ballast, digital DALI

220 - 240 V; 50 Hz; 60 Hz

ca. 95 W

xN optics, extra narrow beam

approx. 15.400 lm

approx. 162 lm/W

Cold white

approx. 4.000 K

CRI ≥ 80

Direct; approx. 100 %

30° / 37°

< 3 SDCM

Optics

≤ 11.200 cd/m²

≤ 22

IP 54; I

Continuously dimmable

Aluminium; Powder coatet; White

Acrylic (PMMA); Satine

Available separately

0 °C

41 °C

L80B50 50.000h

4013330010232

ca. 2,2 kg; 2,4 kg

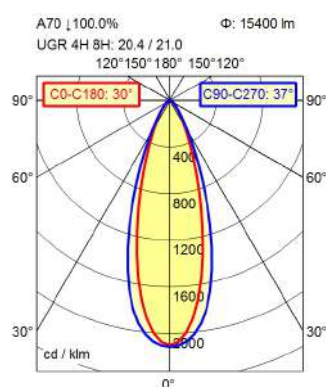
ca. 1.520 mm; 75 mm; 83 mm

¹⁾ For luminaires with separate control gear, the luminous efficacy refers to the luminaire head without control g

Continuous-row system CONVEO

CVG 15000/840/xN-L/EA/5

226848479-00804986



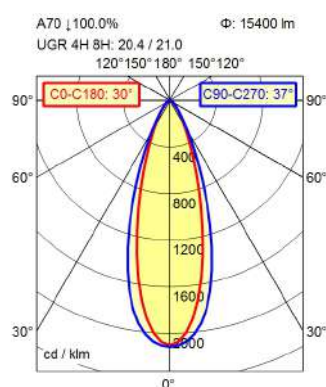
Light source	LED; IK05
Work equipment	Electronic ballast
Connected load	220 - 240 V; 50 Hz; 60 Hz
Power consumption	ca. 95 W
Lens	xN optics, extra narrow beam
Luminous flux	approx. 15.400 lm
Luminous efficiency ¹⁾	approx. 162 lm/W
Light type/color	Cold white
Colour temperatur	approx. 4.000 K
Color rendering index	CRI ≥ 80
Light distribution	Direct; approx. 100 %
Beam angle	30° / 37°
Chromaticity tolerance LED	< 3 SDCM
Glare control	Optics
Luminance (L65)	≤ 11.200 cd/m²
UGR class (4H 8H; EN 12464-1)	≤ 22
System of protection/Class	IP 54; I
Technology	Switchable
Housing	Aluminium; Powder coatet; White
Light source cover	Acrylic (PMMA); Satine
Fastening	Available separately
Minimum ambient temperature	0 °C
Maximum ambient temperature	41 °C
Life expectancy LED	L80B50 50.000h
EAN	4013330010799
Weight without/incl. packaging	ca. 2,2 kg; 2,4 kg
Packaging dimensions	ca. 1.520 mm; 75 mm; 83 mm

¹⁾ For luminaires with separate control gear, the luminous efficacy refers to the luminaire head without control g

Continuous-row system CONVEO

CVG 15000/850/xN-L/DA/7

226848429-00804981



Light source

Work equipment

Connected load

Power consumption

Lens

Luminous flux

Luminous efficiency¹⁾

Light type/color

Colour temperatur

Color rendering index

Light distribution

Beam angle

Chromaticity tolerance LED

Glare control

Luminance (L65)

UGR class (4H 8H; EN 12464-1)

System of protection/Class

Technology

Housing

Light source cover

Fastening

Minimum ambient temperature

Maximum ambient temperature

Life expectancy LED

EAN

Weight without/incl. packaging

Packaging dimensions

LED; IK05

Adjustable electronic ballast, digital DALI

220 - 240 V; 50 Hz; 60 Hz

ca. 95 W

xN optics, extra narrow beam

approx. 15.400 lm

approx. 162 lm/W

Cold white

approx. 5.000 K

CRI ≥ 80

Direct; approx. 100 %

30° / 37°

< 3 SDCM

Optics

≤ 11.200 cd/m²

≤ 22

IP 54; I

Continuously dimmable

Aluminium; Powder coatet; White

Acrylic (PMMA); Satine

Available separately

0 °C

41 °C

L80B50 50.000h

4013330010515

ca. 2,2 kg; 2,4 kg

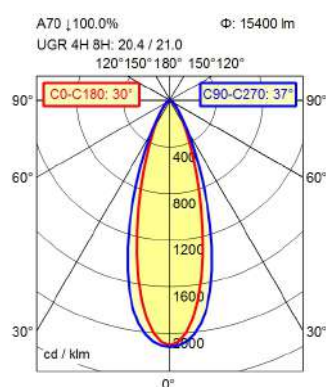
ca. 1.520 mm; 75 mm; 83 mm

¹⁾ For luminaires with separate control gear, the luminous efficacy refers to the luminaire head without control g

Continuous-row system CONVEO

CVG 15000/850/xN-L/EA/5

226848489-00804987



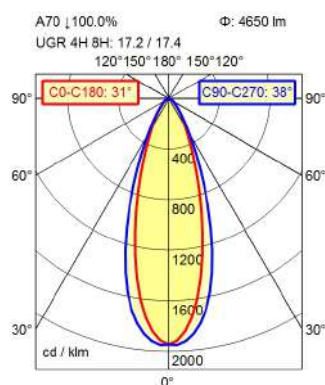
Light source	LED; IK05
Work equipment	Electronic ballast
Connected load	220 - 240 V; 50 Hz; 60 Hz
Power consumption	ca. 95 W
Lens	xN optics, extra narrow beam
Luminous flux	approx. 15.400 lm
Luminous efficiency ¹⁾	approx. 162 lm/W
Light type/color	Cold white
Colour temperatur	approx. 5.000 K
Color rendering index	CRI ≥ 80
Light distribution	Direct; approx. 100 %
Beam angle	30° / 37°
Chromaticity tolerance LED	< 3 SDCM
Glare control	Optics
Luminance (L65)	≤ 11.200 cd/m²
UGR class (4H 8H; EN 12464-1)	≤ 22
System of protection/Class	IP 54; I
Technology	Switchable
Housing	Aluminium; Powder coatet; White
Light source cover	Acrylic (PMMA); Satine
Fastening	Available separately
Minimum ambient temperature	0 °C
Maximum ambient temperature	41 °C
Life expectancy LED	L80B50 50.000h
EAN	4013330010812
Weight without/incl. packaging	ca. 2,2 kg; 2,4 kg
Packaging dimensions	ca. 1.520 mm; 75 mm; 83 mm

¹⁾ For luminaires with separate control gear, the luminous efficacy refers to the luminaire head without control g

Continuous-row system CONVEO

CVG 4500/840/xN-L/DA/7

226848379-00804976



Light source

Work equipment

Connected load

Power consumption

Lens

Luminous flux

Luminous efficiency¹⁾

Light type/color

Colour temperatur

Color rendering index

Light distribution

Beam angle

Chromaticity tolerance LED

Glare control

Luminance (L65)

UGR class (4H 8H; EN 12464-1)

System of protection/Class

Technology

Housing

Light source cover

Fastening

Minimum ambient temperature

Maximum ambient temperature

Life expectancy LED

EAN

Weight without/incl. packaging

Packaging dimensions

LED; IK05

Adjustable electronic ballast, digital DALI

220 - 240 V; 50 Hz; 60 Hz

ca. 27 W

xN optics, extra narrow beam

approx. 4.650 lm

approx. 172 lm/W

Cold white

approx. 4.000 K

CRI ≥ 80

Direct; approx. 100 %

31° / 38°

< 3 SDCM

Optics

≤ 3.700 cd/m²

≤ 19

IP 54; I

Continuously dimmable

Aluminium; Powder coatet; White

Acrylic (PMMA); Satine

Available separately

0 °C

50 °C

L80B50 50.000h

4013330009878

ca. 1,9 kg; 2,1 kg

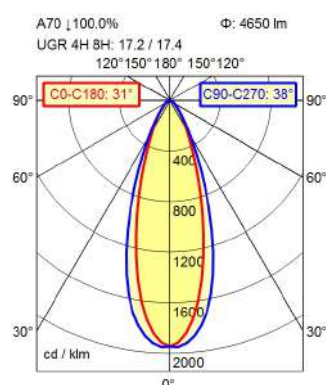
ca. 1.520 mm; 75 mm; 83 mm

¹⁾ For luminaires with separate control gear, the luminous efficacy refers to the luminaire head without control g

Continuous-row system CONVEO

CVG 4500/840/xN-L/EA/5

226848439-00804982



Light source

Work equipment

Connected load

Power consumption

Lens

Luminous flux

Luminous efficiency¹⁾

Light type/color

Colour temperatur

Color rendering index

Light distribution

Beam angle

Chromaticity tolerance LED

Glare control

Luminance (L65)

UGR class (4H 8H; EN 12464-1)

System of protection/Class

Technology

Housing

Light source cover

Fastening

Minimum ambient temperature

Maximum ambient temperature

Life expectancy LED

EAN

Weight without/incl. packaging

Packaging dimensions

LED; IK05

Electronic ballast

220 - 240 V; 50 Hz; 60 Hz

ca. 27 W

xN optics, extra narrow beam

approx. 4.650 lm

approx. 172 lm/W

Cold white

approx. 4.000 K

CRI ≥ 80

Direct; approx. 100 %

31° / 38°

< 3 SDCM

Optics

≤ 3.700 cd/m²

≤ 19

IP 54; I

Switchable

Aluminium; Powder coatet; White

Acrylic (PMMA); Satine

Available separately

0 °C

50 °C

L80B50 50.000h

4013330010607

ca. 1,9 kg; 2,1 kg

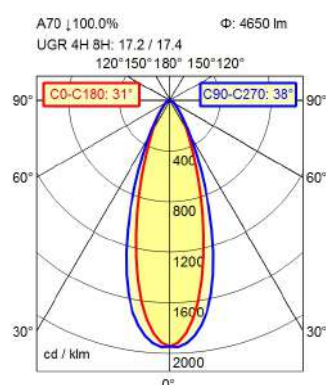
ca. 1.520 mm; 75 mm; 83 mm

¹⁾ For luminaires with separate control gear, the luminous efficacy refers to the luminaire head without control g

Continuous-row system CONVEO

CVG 4500/850/xN-L/DA/7

226848389-00804977



Light source

Work equipment

Connected load

Power consumption

Lens

Luminous flux

Luminous efficiency¹⁾

Light type/color

Colour temperatur

Color rendering index

Light distribution

Beam angle

Chromaticity tolerance LED

Glare control

Luminance (L65)

UGR class (4H 8H; EN 12464-1)

System of protection/Class

Technology

Housing

Light source cover

Fastening

Minimum ambient temperature

Maximum ambient temperature

Life expectancy LED

EAN

Weight without/incl. packaging

Packaging dimensions

LED; IK05

Adjustable electronic ballast, digital DALI

220 - 240 V; 50 Hz; 60 Hz

ca. 27 W

xN optics, extra narrow beam

approx. 4.650 lm

approx. 172 lm/W

Cold white

approx. 5.000 K

CRI ≥ 80

Direct; approx. 100 %

31° / 38°

< 3 SDCM

Optics

≤ 3.700 cd/m²

≤ 19

IP 54; I

Continuously dimmable

Aluminium; Powder coatet; White

Acrylic (PMMA); Satine

Available separately

0 °C

50 °C

L80B50 50.000h

4013330009885

ca. 1,9 kg; 2,1 kg

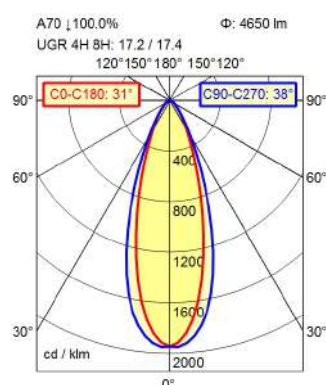
ca. 1.520 mm; 75 mm; 83 mm

¹⁾ For luminaires with separate control gear, the luminous efficacy refers to the luminaire head without control g

Continuous-row system CONVEO

CVG 4500/850/xN-L/EA/5

226848449-00804983



Light source

LED; IK05

Work equipment

Electronic ballast

Connected load

220 - 240 V; 50 Hz; 60 Hz

Power consumption

ca. 27 W

Lens

xN optics, extra narrow beam

Luminous flux

approx. 4.650 lm

Luminous efficiency¹⁾

approx. 172 lm/W

Light type/color

Cold white

Colour temperatur

approx. 5.000 K

Color rendering index

CRI ≥ 80

Light distribution

Direct; approx. 100 %

Beam angle

31° / 38°

Chromaticity tolerance LED

< 3 SDCM

Glare control

Optics

Luminance (L65)

≤ 3.700 cd/m²

UGR class (4H 8H; EN 12464-1)

≤ 19

System of protection/Class

IP 54; I

Technology

Switchable

Housing

Aluminium; Powder coatet; White

Light source cover

Acrylic (PMMA); Satine

Fastening

Available separately

Minimum ambient temperature

0 °C

Maximum ambient temperature

50 °C

Life expectancy LED

L80B50 50.000h

EAN

4013330010652

Weight without/incl. packaging

ca. 1,9 kg; 2,1 kg

Packaging dimensions

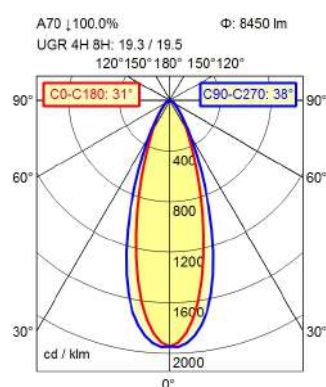
ca. 1.520 mm; 75 mm; 83 mm

¹⁾ For luminaires with separate control gear, the luminous efficacy refers to the luminaire head without control g

Continuous-row system CONVEO

CVG 8000/840/xN-L/DA/7

226848399-00804978



Light source

Work equipment

Connected load

Power consumption

Lens

Luminous flux

Luminous efficiency ¹⁾

Light type/color

Colour temperatur

Color rendering index

Light distribution

Beam angle

Chromaticity tolerance LED

Glare control

Luminance (L65)

UGR class (4H 8H; EN 12464-1)

System of protection/Class

Technology

Housing

Light source cover

Fastening

Minimum ambient temperature

Maximum ambient temperature

Life expectancy LED

EAN

Weight without/incl. packaging

Packaging dimensions

LED; IK05

Adjustable electronic ballast, digital DALI

220 - 240 V; 50 Hz; 60 Hz

ca. 51 W

xN optics, extra narrow beam

approx. 8.450 lm

approx. 165 lm/W

Cold white

approx. 4.000 K

CRI ≥ 80

Direct; approx. 100 %

31° / 38°

< 3 SDCM

Optics

≤ 6.700 cd/m²

≤ 22

IP 54; I

Continuously dimmable

Aluminium; Powder coatet; White

Acrylic (PMMA); Satine

Available separately

0 °C

42 °C

L80B50 50.000h

4013330009892

ca. 1,9 kg; 2,1 kg

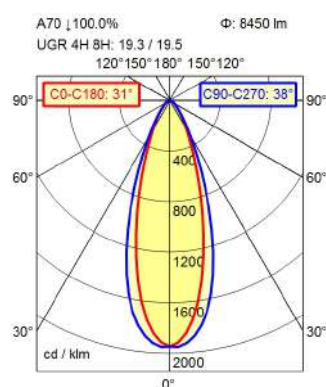
ca. 1.520 mm; 75 mm; 83 mm

¹⁾ For luminaires with separate control gear, the luminous efficacy refers to the luminaire head without control g

Continuous-row system CONVEO

CVG 8000/840/xN-L/EA/5

226848459-00804984



Light source

Work equipment

Connected load

Power consumption

Lens

Luminous flux

Luminous efficiency ¹⁾

Light type/color

Colour temperatur

Color rendering index

Light distribution

Beam angle

Chromaticity tolerance LED

Glare control

Luminance (L65)

UGR class (4H 8H; EN 12464-1)

System of protection/Class

Technology

Housing

Light source cover

Fastening

Minimum ambient temperature

Maximum ambient temperature

Life expectancy LED

EAN

Weight without/incl. packaging

Packaging dimensions

LED; IK05

Electronic ballast

220 - 240 V; 50 Hz; 60 Hz

ca. 51 W

xN optics, extra narrow beam

approx. 8.450 lm

approx. 165 lm/W

Cold white

approx. 4.000 K

CRI ≥ 80

Direct; approx. 100 %

31° / 38°

< 3 SDCM

Optics

≤ 6.700 cd/m²

≤ 22

IP 54; I

Switchable

Aluminium; Powder coatet; White

Acrylic (PMMA); Satine

Available separately

0 °C

46 °C

L80B50 50.000h

4013330010720

ca. 1,9 kg; 2,1 kg

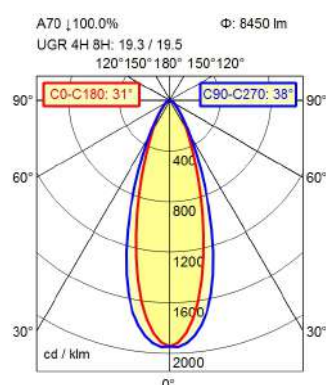
ca. 1.520 mm; 75 mm; 83 mm

¹⁾ For luminaires with separate control gear, the luminous efficacy refers to the luminaire head without control g

Continuous-row system CONVEO

CVG 8000/850/xN-L/DA/7

226848409-00804979



Light source

Work equipment

Connected load

Power consumption

Lens

Luminous flux

Luminous efficiency¹⁾

Light type/color

Colour temperatur

Color rendering index

Light distribution

Beam angle

Chromaticity tolerance LED

Glare control

Luminance (L65)

UGR class (4H 8H; EN 12464-1)

System of protection/Class

Technology

Housing

Light source cover

Fastening

Minimum ambient temperature

Maximum ambient temperature

Life expectancy LED

EAN

Weight without/incl. packaging

Packaging dimensions

LED; IK05

Adjustable electronic ballast, digital DALI

220 - 240 V; 50 Hz; 60 Hz

ca. 51 W

xN optics, extra narrow beam

approx. 8.450 lm

approx. 165 lm/W

Cold white

approx. 5.000 K

CRI ≥ 80

Direct; approx. 100 %

31° / 38°

< 3 SDCM

Optics

≤ 6.700 cd/m²

≤ 22

IP 54; I

Continuously dimmable

Aluminium; Powder coatet; White

Acrylic (PMMA); Satine

Available separately

0 °C

42 °C

L80B50 50.000h

4013330009953

ca. 1,9 kg; 2,1 kg

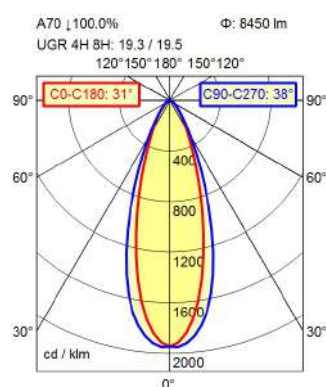
ca. 1.520 mm; 75 mm; 83 mm

¹⁾ For luminaires with separate control gear, the luminous efficacy refers to the luminaire head without control g

Continuous-row system CONVEO

CVG 8000/850/xN-L/EA/5

226848469-00804985



Light source

Work equipment

Connected load

Power consumption

Lens

Luminous flux

Luminous efficiency ¹⁾

Light type/color

Colour temperatur

Color rendering index

Light distribution

Beam angle

Chromaticity tolerance LED

Glare control

Luminance (L65)

UGR class (4H 8H; EN 12464-1)

System of protection/Class

Technology

Housing

Light source cover

Fastening

Minimum ambient temperature

Maximum ambient temperature

Life expectancy LED

EAN

Weight without/incl. packaging

Packaging dimensions

LED; IK05

Electronic ballast

220 - 240 V; 50 Hz; 60 Hz

ca. 51 W

xN optics, extra narrow beam

approx. 8.450 lm

approx. 165 lm/W

Cold white

approx. 5.000 K

CRI ≥ 80

Direct; approx. 100 %

31° / 38°

< 3 SDCM

Optics

≤ 6.700 cd/m²

≤ 22

IP 54; I

Switchable

Aluminium; Powder coatet; White

Acrylic (PMMA); Satine

Available separately

0 °C

46 °C

L80B50 50.000h

4013330010775

ca. 1,9 kg; 2,1 kg

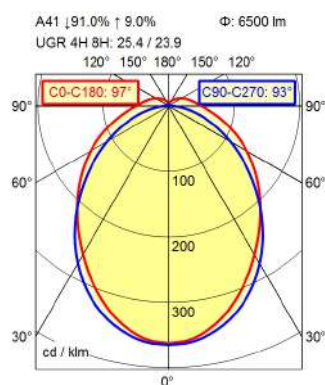
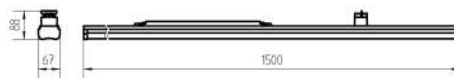
ca. 1.520 mm; 75 mm; 83 mm

¹⁾ For luminaires with separate control gear, the luminous efficacy refers to the luminaire head without control g

Continuous-row system CONVEO

CVG 6000/827-865/D-C/DA/7

226848499-00805631



Light source

Work equipment

Connected load

Power consumption

Lens

Luminous flux

Luminous efficiency¹⁾

Light type/color

Colour temperatur

Color rendering index

Light distribution

Beam angle

Chromaticity tolerance LED

Luminance (L65)

UGR class (4H 8H; EN 12464-1)

System of protection/Class

Technology

Housing

Light source cover

Fastening

Minimum ambient temperature

Maximum ambient temperature

Life expectancy LED

EAN

Weight without/incl. packaging

Packaging dimensions

Special features

LED; IK04

Adjustable electronic ballast, digital DALI

220 - 240 V; 50 Hz; 60 Hz

ca. 51 W

Cover; diffuse

approx. 6.500 lm

approx. 127 lm/W

adjustable light colors

approx. 2.700 - 6.500 K

CRI ≥ 80

Direct; approx. 91 %

97° / 93°

< 3 SDCM

≤ 13.200 cd/m²

≤ 28

IP 40; I

Continuously dimmable

Aluminium; Powder coatet; White

Acrylic (PMMA); Satine

Available separately

-25 °C

43 °C

L80B50 50.000h

4013330020231

ca. 1,9 kg; 2,1 kg

ca. 1.520 mm; 75 mm; 83 mm

External control required for Dali Device type 8;
Constant colour temperature over the whole
dimming range; Constant luminous flux between
2700 and 6500 K; Specified values at approx. 4000 K

¹⁾ For luminaires with separate control gear, the luminous efficacy refers to the luminaire head without control g

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