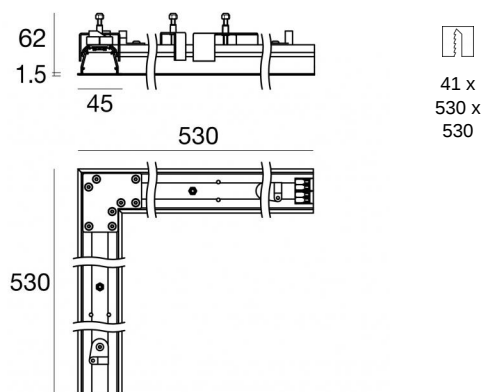


Lineare Elemente | 128 topLED 13 W DC 48 V
Modular | CRI 90
C00191WHWZZ



Technische Daten	
Typ	Lineare Elemente - Frame
Installationsposition	Decke
Installationsumgebung	Indoor
Lichtquelle	LED
Circuit structure	topLED
Optik	No optic
Light emission direction	downward
Lampe Nennleistung	13 W DC
Lichtstrom (Lichtquelle)	1759 lm
Ähnlichste Farbtemperatur / Tone	3000 K
Farbwiedergabeindex	90 Ra
Gleichstrom/Gleichspannung	CV
Isolierklasse	3
IP	IP40
IP optisches System	IP54
Glühdrahtprüfung	Nein
Direkte Montage auf normal entflammaren Oberflächen	Ja
CE	Ja
Einschließlich Driver	Nein
Leuchte dimmbar	Ja
Schwenkbarkeit	Nein
Drehbarkeit	Nein
Begehbarkeit	Nein
Überrollbarkeit	Nein
Einschließlich Kabel	Nein
Harzbeschichtung	Nein
Einbautiefe	62 mm
Typ Lichtabstrahlung	Einflammig
Nettogewicht	1.04 Kg
Modularity	Modular
Schutz vor elektrostatischen Entladungen	Nein
Schutz vor Stoßspannungen	Nein

Oberfläche Oberfläche Gehäuse

Material	Aluminiumlegierung 6060
Farbe	Text white RAL9003
Bearbeitungstyp	Pulverbeschichtung mit duroplastischen Pulvern

Elektronik

 99784
Switching Driver 180~295V AC / V DC (1 - 11 art.)

 99785
On/Off Driver 100~305V AC / V DC (1 - 18 art.)

 C-E400003
Push and Simply Dim - DALI-2 Controller (1 - 11 art.)

 C-E300009
On/Off Driver 220~240V AC / V DC (1 - 5 art.)

 C-E300010
On/Off Driver 220~240V AC / V DC (1 - 11 art.)

Cables Electrification

Cable connector	No
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Lineare Elemente | 128 topLED 13 W DC 48 V | Modular | CRI 90 | + C-U200006+1
C00191WHWZZ

Single emission lines or lines for indoor application. The warm white LED light source with a no optic light distribution is composed of 128 topped LEDs with CCT of 3000 K and a CRI 90; the source luminous flux is 1759 lm, with a 135.3 lm/W nominal luminous efficacy.

The device body is made of aluminium alloy 6060 and features a text white ral9003 finish, processed by means of powder coating with thermosetting powders.

The ingress protection degree is IP40; the total weight is of 1.04 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 13 W

The device features protection class III and can be ceiling-mounted, with a 41 x 530 x 530 mm hole (in plasterboard).

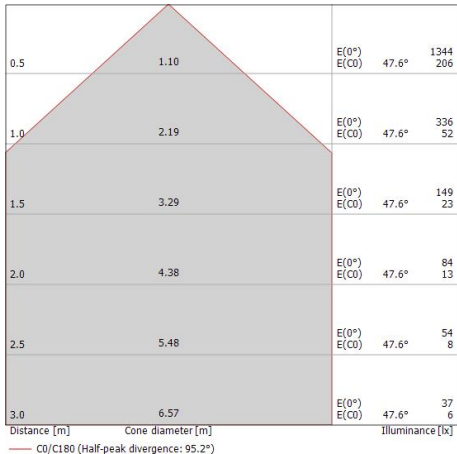
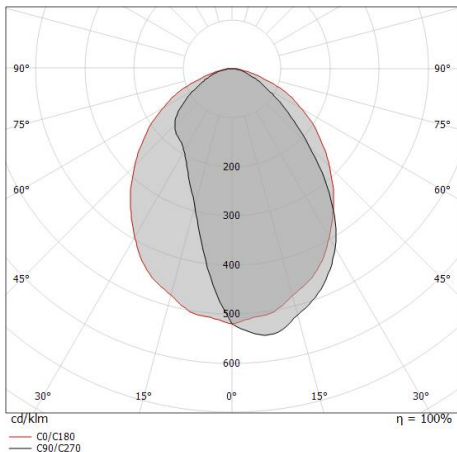
Compliant with the EN 60598-1 standard and its specific provisions.

Energieeffizienzklasse
Dieses Produkt enthält 2 Lichtquellen der Energieeffizienzklasse E.

Illuminotechnical Eigenschaften	
Light Output Ratio (LOR)	36 %
Lichtstrom (Lichtquelle)	1759 lm
Leuchten Lichtstrom	646 lm
Consumption	6.5 W
Leuchten Lichtausbeute	99 lm/W
Farbtemperatur	3000 K
Standard Deviation of Colour Matching	2 Step MacAdam
Farbwiedergabeindex	90 Ra
Standardumgebungstemperatur	-20 / +50°C

LED Life / Failure Ratio
L70 B10 C0 494435h (at Tj 65 Ta 25)
L80 B10 C0 310287h (at Tj 65 Ta 25)
L90 B10 C0 147586h (at Tj 65 Ta 25)

OPTICAL	
Optik C0/C180	95°
Light distribution simmetry	Asymmetrical



Lineare Elemente | 128 topLED 13 W DC 48 V | Modular | CRI 90 | + C-U200002+2
C00191WHWZZ

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The ingress protection degree is IP40; the total weight is of 1.04 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 13 W

The device features protection class III and can be ceiling-mounted, with a 41 x 530 x 530 mm hole (in plasterboard).

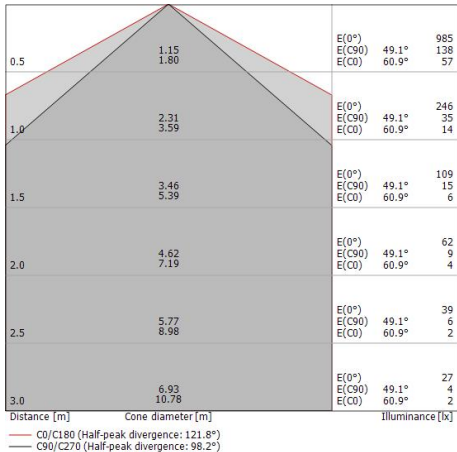
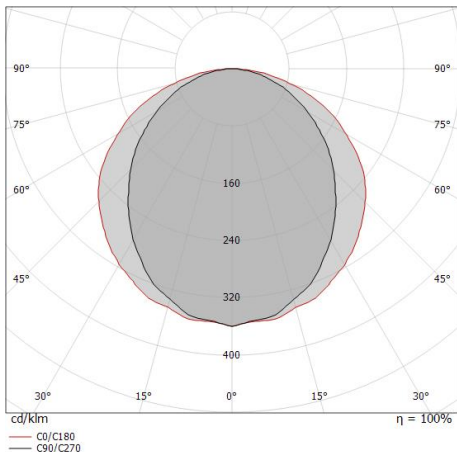
Compliant with the EN 60598-1 standard and its specific provisions.

Energieeffizienzklasse	
Dieses Produkt enthält 2 Lichtquellen der Energieeffizienzklasse E.	

Illuminotechnical Eigenschaften	
Light Output Ratio (LOR)	38 %
Lichtstrom (Lichtquelle)	1759 lm
Leuchten Lichtstrom	684 lm
Consumption	6.5 W
Leuchten Lichtausbeute	105 lm/W
Farbtemperatur	3000 K
Standard Deviation of Colour Matching	2 Step MacAdam
Farbwiedergabeindex	90 Ra
Standardumgebungstemperatur	-20 / +50°C

LED Life / Failure Ratio	
L70 B10 C0 494435h (at Tj 65 Ta 25)	
L80 B10 C0 310287h (at Tj 65 Ta 25)	
L90 B10 C0 147586h (at Tj 65 Ta 25)	

OPTICAL	
Optik C90/C270	98°
Optik C0/C180	122°
Light distribution simmetry	Symmetrical 2 assis



Lineare Elemente | 128 topLED 13 W DC 48 V | Modular | CRI 90 | + C-U200006+2
C00191WHWZZ

Single emission lines or lines for indoor application. The warm white LED light source with a no optic light distribution is composed of 128 topLEDs with CCT of 3000 K and a CRI 90; the source luminous flux is 1759 lm, with a 135.3 lm/W nominal luminous efficacy.

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The ingress protection degree is IP40; the total weight is of 1.04 kg. The power supply driver is not provided and is to be ordered separately.

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The device features protection class III and can be ceiling-mounted, with a 41 x 530 x 530 mm hole (in plasterboard).

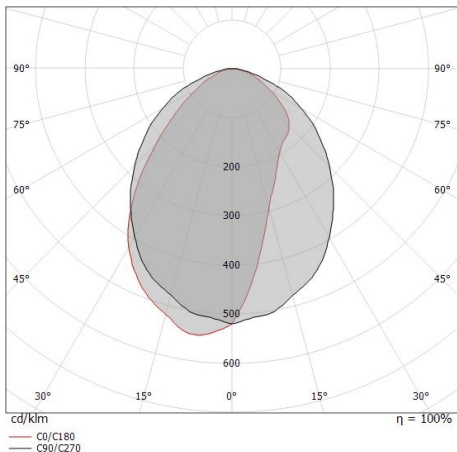
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L90 B10 C0 147586h (at Tj 65 Ta 25)

OPTICAL	
Optik C90/C270	95°
Light distribution simmetry	Asymmetrical



Lineare Elemente | 128 topLED 13 W DC 48 V | Modular | CRI 90 | + C-U200002+1
C00191WHWZZ

Single emission lines or lines for indoor application. The warm white LED light source with a no optic light distribution is composed of 128 topped LEDs with CCT of 3000 K and a CRI 90; the source luminous flux is 1759 lm, with a 135.3 lm/W nominal luminous efficacy.

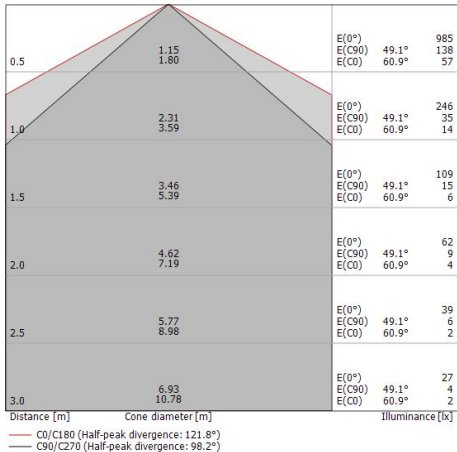
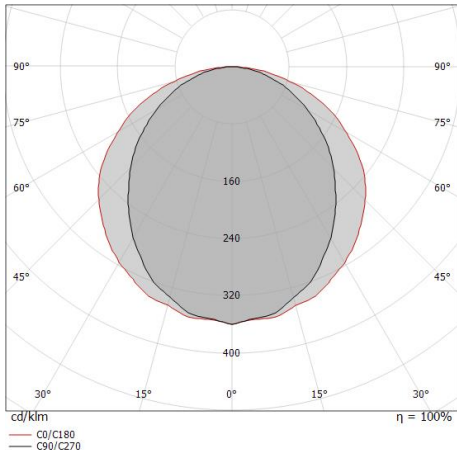
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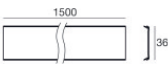
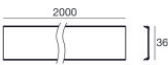
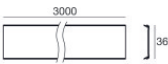
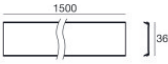
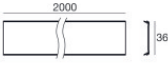
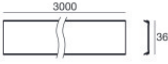
UGR

UGR axial	24
UGR transversal	26.5
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

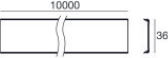
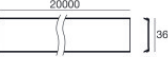
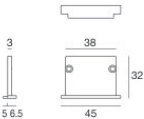
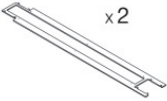
OPTICAL

Optik C90/C270	98°
Optik C0/C180	122°
Light distribution simmetry	Symmetrical 2 assis

Rollip35_MC | Lines | Accessories
C00191WHWZZ

		Diffusor - Asymmetrisch - Länge 1.5m Diffusorart: asymmetric diffuser. Material:UV beständiges Polycarbonat, farbe:Opal.	Code <u>C-U200032</u>
		Diffusor - Asymmetrisch - Länge 2m Diffusorart: asymmetric diffuser. Material:UV beständiges Polycarbonat, farbe:Opal.	Code <u>C-U200033</u>
		Diffusor - Asymmetrisch - Länge 3m Diffusorart: asymmetric diffuser. Material:UV beständiges Polycarbonat, farbe:Opal.	Code <u>C-U200034</u>
		Diffusor - Asymmetrisch - Länge 5m Diffusorart: asymmetric diffuser. Material:UV beständiges Polycarbonat, farbe:Opal.	Code <u>C-U200006</u>
		Diffusor - Asymmetrisch - Länge 10m Diffusorart: asymmetric diffuser. Material:UV beständiges Polycarbonat, farbe:Opal.	Code <u>C-U200007</u>
		Diffusor - Opal - Länge 1.5m Diffusorart: opal diffuser. Material:UV beständiges Polycarbonat, farbe:Opal.	Code <u>C-U200029</u>
		Diffusor - Opal - Länge 2m Diffusorart: opal diffuser. Material:UV beständiges Polycarbonat, farbe:Opal.	Code <u>C-U200030</u>
		Diffusor - Opal - Länge 3m Diffusorart: opal diffuser. Material:UV beständiges Polycarbonat, farbe:Opal.	Code <u>C-U200031</u>

Rollip35_MC | Lines | Accessories
C00191WHWZZ

		Diffusor - Opal – Länge 5 m Diffusorart: opal diffuser. Material:UV beständiges Polycarbonat, farbe:Opal.	Code C-U200002
		Diffusor - Opal – Länge 10m Diffusorart: opal diffuser. Material:UV beständiges Polycarbonat, farbe:Opal.	Code C-U200003
		Diffusor - Opal – Länge 20m Diffusorart: opal diffuser. Material:UV beständiges Polycarbonat, farbe:Opal.	Code C-U200004
		Endkappe - Um die Endkappen verwenden zu können, ist es notwendig, die Länge des Installationslochs um 8 mm zu vergrößern. Material:Aluminium, farbe:Text white RAL9003, bearbeitungstyp :Lackierung.	Code C-V400004
		Lochschablone Material:MDF, farbe:Holz.	Code C-V200001