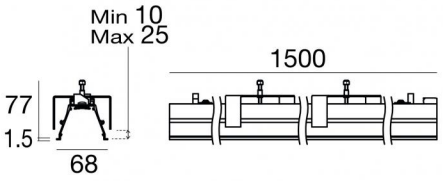
Lineare Elemente | 192 topLED 19.5 W DC 48 V
Modular | CRI 90
C00248WHNZZ





64 x
1500

Technische Daten	
Typ	Lineare Elemente - Frame
Installationsposition	Decke
Installationsumgebung	Indoor
Lichtquelle	LED
Circuit structure	topLED
Optik	No optic
Light emission direction	downward
Lampe Nennleistung	19.5 W DC
Lichtstrom (Lichtquelle)	2820 lm
Ähnlichste Farbtemperatur / Tone	4000 K
Farbwiedergabeindex	90 Ra
Gleichstrom/Gleichspannung	CV
Isolierklasse	3
IP	IP40
IP optisches System	IP54
Glühdrahtprüfung	Nein
Direkte Montage auf normal entflammbaren Oberflächen	Ja
CE	Ja
Einschließlich Driver	Nein
Leuchte dimmbar	DALI - 1-10V
Schwenkbarkeit	Nein
Drehbarkeit	Nein
Begehbarkeit	Nein
Überrollbarkeit	Nein
Einschließlich Kabel	Nein
Harzbeschichtung	Nein
Einbautiefe	77 mm
Typ Lichtabstrahlung	Einflammig
Nettogewicht	1.275 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 - 7 art.)



99785
On/Off Driver 100~305V AC / V DC (1 - 12 art.)



C-E400003
Push and Simply Dim - DALI-2 Controller (1 - 7 art.)



C-E300009
On/Off Driver 220~240V AC / V DC (1 - 3 art.)



C-E300010
On/Off Driver 220~240V AC / V DC (1 - 7 art.)

Cables Electrification	
Cable connector	No

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Lineare Elemente | 192 topLED 19.5 W DC 48 V | Modular | CRI 90 | + C-U200008
C00248WHNZZ

Single emission lines or lines for indoor application. The natural white LED light source with a no optic light distribution is composed of 192 topled LEDs with CCT of 4000 K and a CRI 90; the source luminous flux is 2820 lm, with a 144.6 lm/W nominal luminous efficacy.

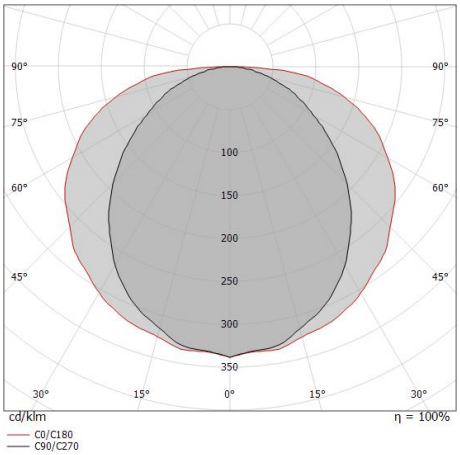
The device body is made of aluminium alloy 6060 and features a text white ral9003 finish, processed by means of powder coating with thermosetting powders.

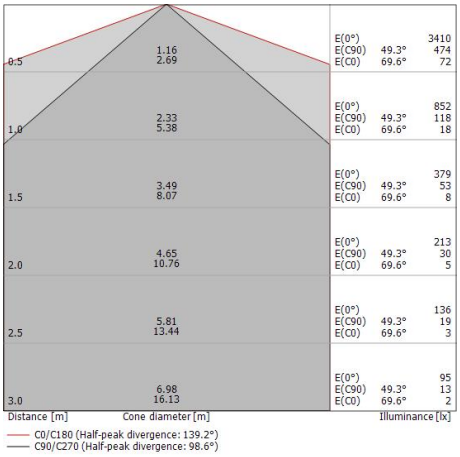
The ingress protection degree is IP40; the total weight is of 1.275 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 19.5 W

The device features protection class III and can be ceiling-mounted, with a 64 x 1500 mm hole (in plasterboard).

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





Energieeffizienzklasse
Dieses Produkt enthält 3 Lichtquellen der Energieeffizienzklasse D.

Illuminotechnical Eigenschaften	
Light Output Ratio (LOR)	89 %
Lichtstrom (Lichtquelle)	2820 lm
Leuchten Lichtstrom	2518 lm
Consumption	20 W
Leuchten Lichtausbeute	125 lm/W
Farbtemperatur	4000 K
Standard Deviation of Colour Matching	3 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)

UGR	
UGR axial	22.7
UGR transversal	27.8
X=4H | Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL	
Optik C90/C270	99°
Optik C0/C180	139°
Light distribution simmetry	Symmetrical 2 assis

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Lineare Elemente | 192 topLED 19.5 W DC 48 V | Modular | CRI 90 | + C-U200012

C00248WHNZZ

Single emission lines or lines for indoor application. The natural white LED light source with a no optic light distribution is composed of 192 topled LEDs with CCT of 4000 K and a CRI 90; the source luminous flux is 2820 lm, with a 144.6 lm/W nominal luminous efficacy.

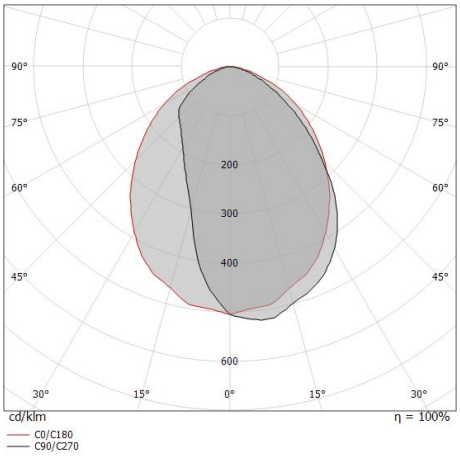
The device body is made of aluminium alloy 6060 and features a text white ral9003 finish, processed by means of powder coating with thermosetting powders.

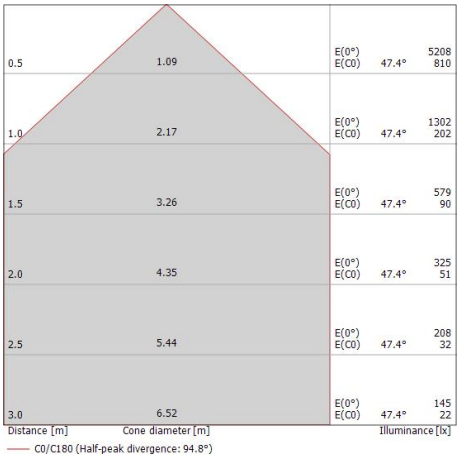
The ingress protection degree is IP40; the total weight is of 1.275 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 19.5 W

The device features protection class III and can be ceiling-mounted, with a 64 x 1500 mm hole (in plasterboard).

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





Energieeffizienzklasse
Dieses Produkt enthält 3 Lichtquellen der Energieeffizienzklasse D.

Illuminotechnical Eigenschaften	
Light Output Ratio (LOR)	91 %
Lichtstrom (Lichtquelle)	2820 lm
Leuchten Lichtstrom	2577 lm
Consumption	20 W
Leuchten Lichtausbeute	128 lm/W
Farbtemperatur	4000 K
Standard Deviation of Colour Matching	3 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)

UGR	
UGR axial	22.7
UGR transversal	27.8
X=4H | Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL	
Optik C0/C180	95°
Light distribution simmetry	Asymmetrical

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Lineare Elemente | 192 topLED 19.5 W DC 48 V | Modular | CRI 90 | + C-U200014

C00248WHNZZ

Single emission lines or lines for indoor application. The natural white LED light source with a no optic light distribution is composed of 192 topled LEDs with CCT of 4000 K and a CRI 90; the source luminous flux is 2820 lm, with a 144.6 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 1.275 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 19.5 W

The device features protection class III and can be ceiling-mounted, with a 64 x 1500 mm hole (in plasterboard).

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

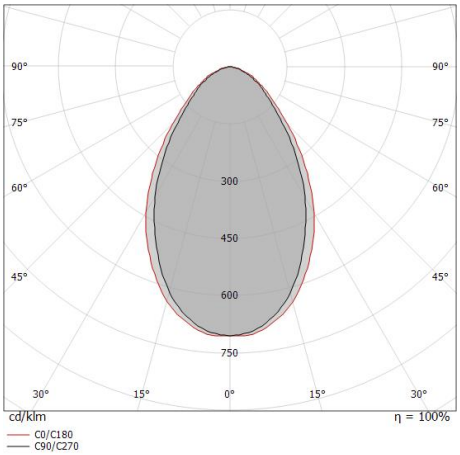
Energieeffizienzklasse
Dieses Produkt enthält 3 Lichtquellen der Energieeffizienzklasse D.

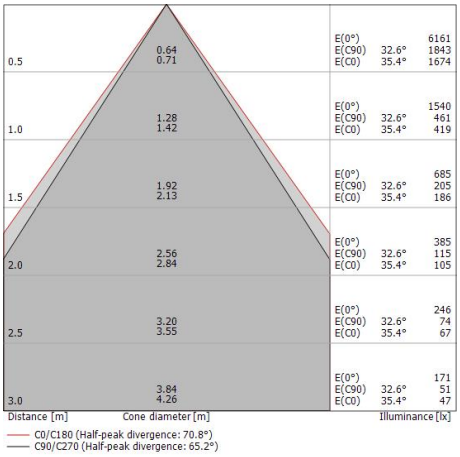
Illuminotechnical Eigenschaften	
Light Output Ratio (LOR)	77 %
Lichtstrom (Lichtquelle)	2820 lm
Leuchten Lichtstrom	2186 lm
Consumption	20 W
Leuchten Lichtausbeute	109 lm/W
Farbtemperatur	4000 K
Standard Deviation of Colour Matching	3 Step MacAdam
Farbwiedergabeindex	90 Ra
Standardumgebungstemperatur	-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)

UGR	
UGR axial	18.4
UGR transversal	19
X=4H | Y=8H	S=0.25H
Reflection factor	70/50/20

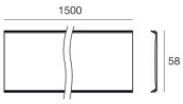
OPTICAL	
Optik C90/C270	65°
Optik C0/C180	71°
Light distribution simmetry	Symmetrical 2 assis





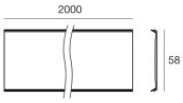
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Rollip60_MC | Lines | Accessories
C00248WHNZZ

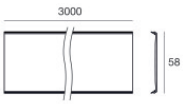
Diffusor - Asymmetrisch - Länge 1.5m
Diffusorart: asymmetric diffuser.
Material:UV beständiges Polycarbonat, farbe:Opal.

Code
C-U200038

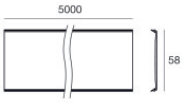
Diffusor - Asymmetrisch - Länge 2m
Diffusorart: asymmetric diffuser.
Material:UV beständiges Polycarbonat, farbe:Opal.

Code
C-U200039

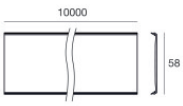
Diffusor - Asymmetrisch - Länge 3m
Diffusorart: asymmetric diffuser.
Material:UV beständiges Polycarbonat, farbe:Opal.

Code
C-U200040

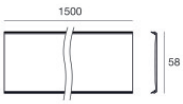
Diffusor - Asymmetrisch - Länge 5m
Diffusorart: asymmetric diffuser.
Material:UV beständiges Polycarbonat, farbe:Opal.

Code
C-U200012

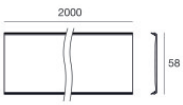
Diffusor - Asymmetrisch - Länge 10m
Diffusorart: asymmetric diffuser.
Material:UV beständiges Polycarbonat, farbe:Opal.

Code
C-U200013

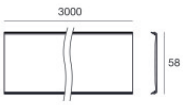
Diffusor - Opal - Länge 1.5m
Diffusorart: opal diffuser.
Material:UV beständiges Polycarbonat, farbe:Opal.

Code
C-U200041

Diffusor - Opal - Länge 2m
Diffusorart: opal diffuser.
Material:UV beständiges Polycarbonat, farbe:Opal.

Code
C-U200042

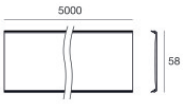
Diffusor - Opal - Länge 3m
Diffusorart: opal diffuser.
Material:UV beständiges Polycarbonat, farbe:Opal.

Code
C-U200043

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Rollip60_MC | Lines | Accessories
C00248WHNZZ

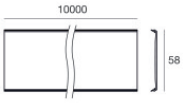




Diffusor - Opal – Länge 5 m
Diffusorart: opal diffuser.
Material:UV beständiges Polycarbonat, farbe:Opal.

Code
C-U200008

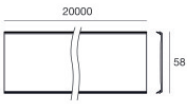




Diffusor - Opal – Länge 10m
Diffusorart: opal diffuser.
Material:UV beständiges Polycarbonat, farbe:Opal.

Code
C-U200009

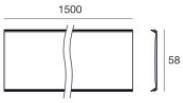




Diffusor - Opal – Länge 20m
Diffusorart: opal diffuser.
Material:UV beständiges Polycarbonat, farbe:Opal.

Code
C-U200010

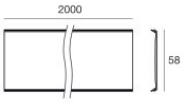




Diffusor - Blendfreier Diffusor – Länge 1.5m
Diffusorart: anti-glare diffuser.
Material:UV beständiges Polycarbonat, farbe:Opal, bearbeitungstyp :Satinieren.

Code
C-U200044

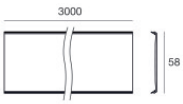




Diffusor - Blendfreier Diffusor – Länge 2m
Diffusorart: anti-glare diffuser.
Material:UV beständiges Polycarbonat, farbe:Opal, bearbeitungstyp :Satinieren.

Code
C-U200045

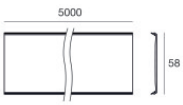




Diffusor - Blendfreier Diffusor – Länge 3m
Diffusorart: anti-glare diffuser.
Material:UV beständiges Polycarbonat, farbe:Opal, bearbeitungstyp :Satinieren.

Code
C-U200046

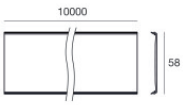




Diffusor - Blendfreier Diffusor – Länge 5m
Diffusorart: anti-glare diffuser.
Material:UV beständiges Polycarbonat, farbe:Opal, bearbeitungstyp :Satinieren.

Code
C-U200014





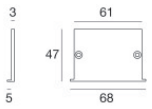
Diffusor - Blendfreier Diffusor – Länge 10m
Diffusorart: anti-glare diffuser.
Material:UV beständiges Polycarbonat, farbe:Opal, bearbeitungstyp :Satinieren.

Code
C-U200015

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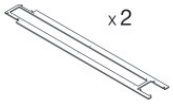
Rollip60_MC | Lines | Accessories
C00248WHNZZ

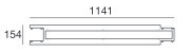




Endkappe - Um die Endkappen verwenden zu können, ist es notwendig, die Länge des Installationslochs um 8 mm zu vergrößern.
Material:Aluminium, farbe:Text white RAL9003, bearbeitungstyp :Lackierung.

Code
C-V400008





Lochschablone
Material:MDF, farbe:Holz.

Code
C-V200003

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