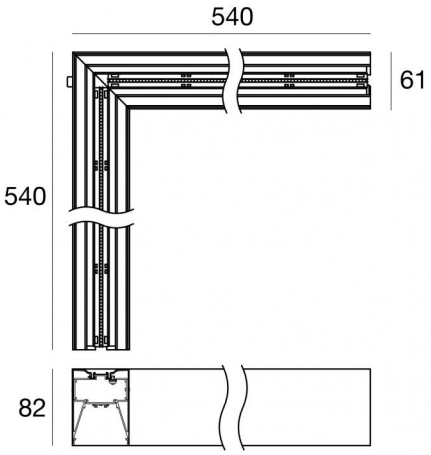
Systeme | 198-264 V AC /180-280 V DC
144 topLED 13 W DC - 14.5 W AC | Modular | CRI 90
C00811WHMZZ



Technische Daten	
Typ	Systeme
Installationsposition	Decke
Installationsumgebung	Indoor
Lichtquelle	LED
Circuit structure	topLED
Optik	No optic
Light emission direction	downward
Lampe Nennleistung	13 W DC
Gesamtleistung	14.5 W
Lichtstrom (Lichtquelle)	1984 lm
Nominale Eingangsspannung	220 - 240 V AC
Eingangsspannungsbereich	198 - 264 V AC
Frequency	50 - 60 Hz
Ähnlichste Farbtemperatur / Tone	2700 K
Farbwiedergabeindex	90 Ra
Gleichstrom/Gleichspannung	AC
Isolierklasse	1
IP	IP40
IP optisches System	IP54
Glühdrahtprüfung	850°
Direkte Montage auf normal entflammbaren Oberflächen	Ja
CE	Ja
Einschließlich Driver	Driver
Leuchte dimmbar	Nein
Schwenkbarkeit	Nein
Drehbarkeit	Nein
Begehbarkeit	Nein
Überrollbarkeit	Nein
Einschließlich Kabel	Nein
Harzbeschichtung	Nein
Typ Lichtabstrahlung	Einflammig
Nettogewicht	1.1 Kg
Modularity	Modular
Schutz vor elektrostatischen Entladungen	Ja
Schutz vor Stoßspannungen	2 KV
Optiktechnologie	Dot free

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

Systeme | 198-264 V AC /180-280 V DC | 144 topLED 13 W DC - 14.5 W AC | Modular | CRI 90 | + CU200008+1

C00811WHMZZ

Single emission systems for indoor application. The super warm white LED light source with a no optic light distribution is composed of 144 topled LEDs with CCT of 2700 K and a CRI 90; the source luminous flux is 1984 lm, with a 152.6 lm/W nominal luminous efficacy.

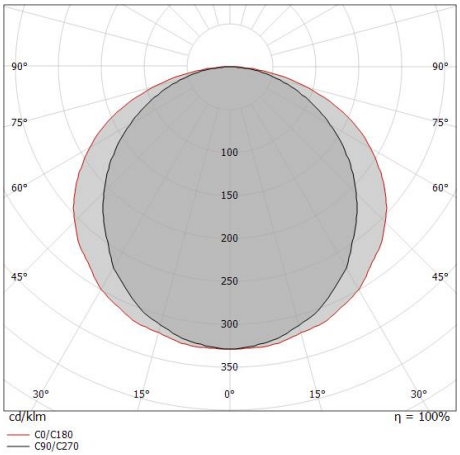
The device body is made of aluminium alloy 6060 and features a text white ral9003 finish, processed by means of powder coating with thermosetting powders.

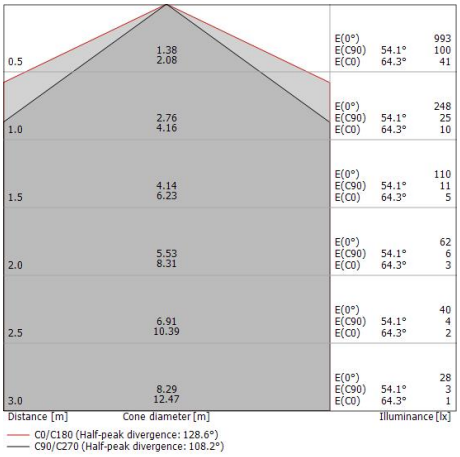
The ingress protection degree is IP40; the total weight is of 1.1 kg.

The total absorbed power is 14.5 W

The device features protection class I and can be ceiling-mounted.

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)	1984 lm
Leuchten Lichtstrom	754 lm
Consumption	14.5 W
Leuchten Lichtausbeute	52 lm/W
Farbtemperatur	2700 K
Standard Deviation of Colour Matching	2 Step MacAdam
Farbwiedergabeindex	90 Ra
Standardumgebungstemperatur	-20 / +50°C
Typische Temperatur am Glas	40°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	23.1
UGR transversal	25.2
X=4H | Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL	
Optik C90/C270	108°
Optik C0/C180	129°
Light distribution simmetry	Symmetrical 2 assis

Systeme | 198-264 V AC /180-280 V DC | 144 topLED 13 W DC - 14.5 W AC | Modular | CRI 90 | + CU200008+2

C00811WHMZZ

Single emission systems for indoor application. The super warm white LED light source with a no optic light distribution is composed of 144 topled LEDs with CCT of 2700 K and a CRI 90; the source luminous flux is 1984 lm, with a 152.6 lm/W nominal luminous efficacy.

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The total absorbed power is 14.5 W

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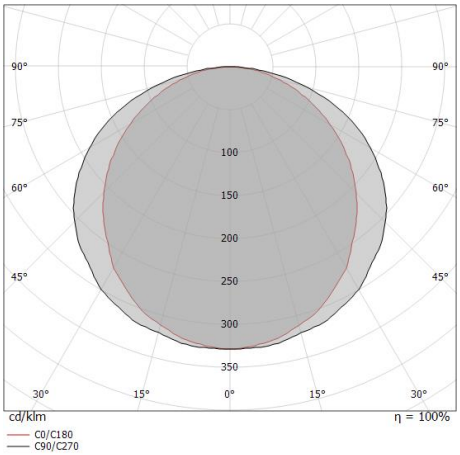

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Farbtemperatur	2700 K
Standard Deviation of Colour Matching	2 Step MacAdam
Farbwiedergabeindex	90 Ra
Standardumgebungstemperatur	-20 / +50°C
Typische Temperatur am Glas	40°C

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L80 B10 C0 310287h (at Tj 65 Ta 25)
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UGR	
UGR axial	23.1
UGR transversal	25.2
X=4H | Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL	
Optik C90/C270	129°
Optik C0/C180	108°
Light distribution simmetry	Symmetrical 2 assis

Systeme | 198-264 V AC /180-280 V DC | 144 topLED 13 W DC - 14.5 W AC | Modular | CRI 90 | + CU200012+1

C00811WHMZZ

Single emission systems for indoor application. The super warm white LED light source with a no optic light distribution is composed of 144 topled LEDs with CCT of 2700 K and a CRI 90; the source luminous flux is 1984 lm, with a 152.6 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 1.1 kg.

The total absorbed power is 14.5 W

The device features protection class I and can be ceiling-mounted.

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

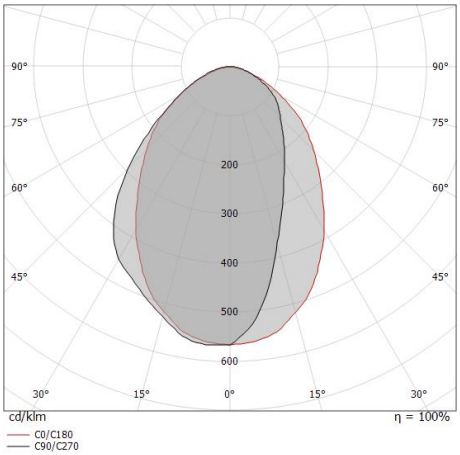
Energieeffizienzklasse
Dieses Produkt enthält 2 Lichtquellen der Energieeffizienzklasse E.

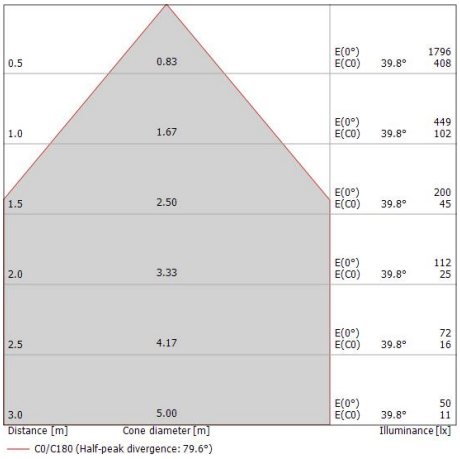
Illuminotechnical Eigenschaften	
Light Output Ratio (LOR)	39 %
Lichtstrom (Lichtquelle)	1984 lm
Leuchten Lichtstrom	793 lm
Consumption	14.5 W
Leuchten Lichtausbeute	54 lm/W
Farbtemperatur	2700 K
Standard Deviation of Colour Matching	2 Step MacAdam
Farbwiedergabeindex	90 Ra
Standardumgebungstemperatur	-20 / +50°C
Typische Temperatur am Glas	40°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	23.1
UGR transversal	25.2
X=4H | Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL	
Optik C0/C180	80°
Light distribution simmetry	Asymmetrical





Systeme | 198-264 V AC /180-280 V DC | 144 topLED 13 W DC - 14.5 W AC | Modular | CRI 90 | + CU200012+2

C00811WHMZZ

Single emission systems for indoor application. The super warm white LED light source with a no optic light distribution is composed of 144 topled LEDs with CCT of 2700 K and a CRI 90; the source luminous flux is 1984 lm, with a 152.6 lm/W nominal luminous efficacy.

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The total absorbed power is 14.5 W

The device features protection class I and can be ceiling-mounted.

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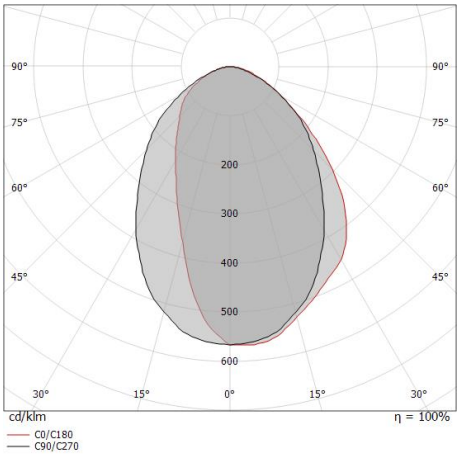


Energieeffizienzklasse
Dieses Produkt enthält 2 Lichtquellen der Energieeffizienzklasse E.

Illuminotechnical Eigenschaften	
Light Output Ratio (LOR)	39 %
Lichtstrom (Lichtquelle)	1984 lm
Leuchten Lichtstrom	793 lm
Consumption	14.5 W
Leuchten Lichtausbeute	54 lm/W
Farbtemperatur	2700 K
Standard Deviation of Colour Matching	2 Step MacAdam
Farbwiedergabeindex	90 Ra
Standardumgebungstemperatur	-20 / +50°C
Typische Temperatur am Glas	40°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	23.1
UGR transversal	25.2
X=4H | Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL	
Optik C90/C270	80°
Light distribution simmetry	Asymmetrical

Systeme | 198-264 V AC /180-280 V DC | 144 topLED 13 W DC - 14.5 W AC | Modular | CRI 90 | + CU200014+1

C00811WHMZZ

Single emission systems for indoor application. The super warm white LED light source with a no optic light distribution is composed of 144 topled LEDs with CCT of 2700 K and a CRI 90; the source luminous flux is 1984 lm, with a 152.6 lm/W nominal luminous efficacy.

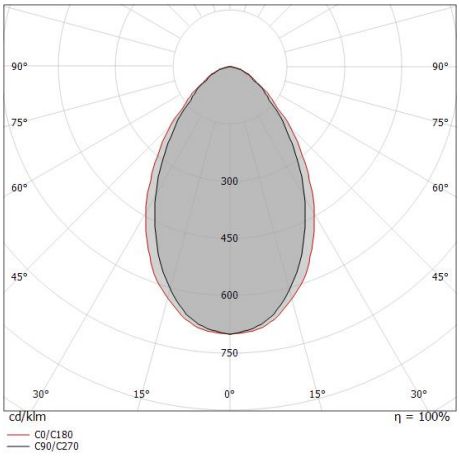
The device body is made of aluminium alloy 6060 and features a text white ral9003 finish, processed by means of powder coating with thermosetting powders.

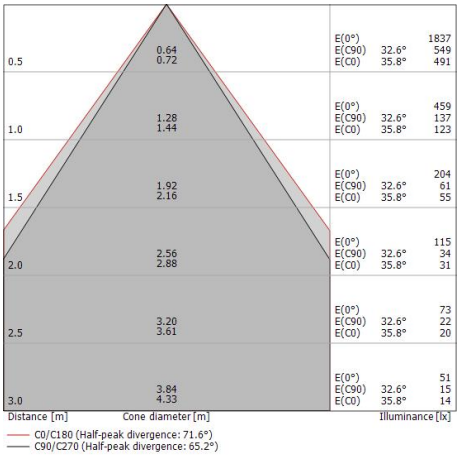
The ingress protection degree is IP40; the total weight is of 1.1 kg.

The total absorbed power is 14.5 W

The device features protection class I and can be ceiling-mounted.

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)	33 %
Lichtstrom (Lichtquelle)	1984 lm
Leuchten Lichtstrom	656 lm
Consumption	14.5 W
Leuchten Lichtausbeute	45 lm/W
Farbtemperatur	2700 K
Standard Deviation of Colour Matching	2 Step MacAdam
Farbwiedergabeindex	90 Ra
Standardumgebungstemperatur	-20 / +50°C
Typische Temperatur am Glas	40°C

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L80 B10 C0 310287h (at Tj 65 Ta 25)
L90 B10 C0 147586h (at Tj 65 Ta 25)

UGR	
UGR axial	17.9
UGR transversal	18.1
X=4H | Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL	
Optik C90/C270	65°
Optik C0/C180	72°
Light distribution simmetry	Symmetrical 2 assis

Systeme | 198-264 V AC /180-280 V DC | 144 topLED 13 W DC - 14.5 W AC | Modular | CRI 90 | + CU200014+2

C00811WHMZZ

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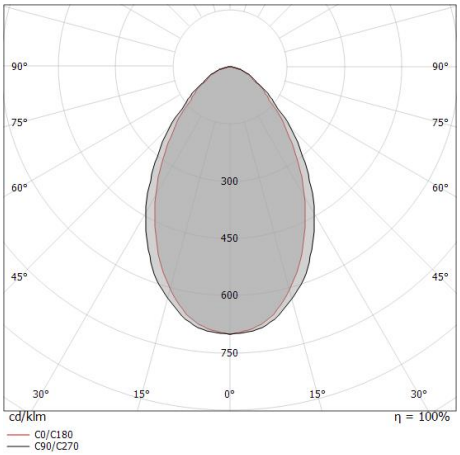

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Consumption	14.5 W
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Farbtemperatur	2700 K
Standard Deviation of Colour Matching	2 Step MacAdam
Farbwiedergabeindex	90 Ra
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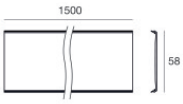
UGR	
UGR axial	17.9
UGR transversal	18.1
X=4H | Y=8H	S=0.25H
Reflection factor	70/50/20

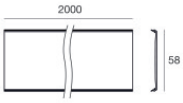
OPTICAL	
Optik C90/C270	72°
Optik C0/C180	65°
Light distribution simmetry	Symmetrical 2 assis

Rollip60_MS | Systems | Accessories
C00811WHMZZ



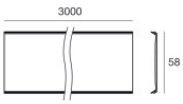
Diffusor - Asymmetrisch - Länge 1.5m
Diffusorart: asymmetric diffuser.
Material:UV beständiges Polycarbonat, farbe:Opal.

Code
C-U200038



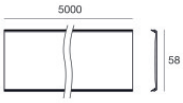
Diffusor - Asymmetrisch - Länge 2m
Diffusorart: asymmetric diffuser.
Material:UV beständiges Polycarbonat, farbe:Opal.

Code
C-U200039



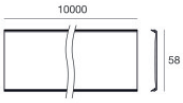
Diffusor - Asymmetrisch - Länge 3m
Diffusorart: asymmetric diffuser.
Material:UV beständiges Polycarbonat, farbe:Opal.

Code
C-U200040



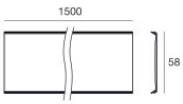
Diffusor - Asymmetrisch - Länge 5m
Diffusorart: asymmetric diffuser.
Material:UV beständiges Polycarbonat, farbe:Opal.

Code
C-U200012



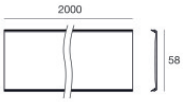
Diffusor - Asymmetrisch - Länge 10m
Diffusorart: asymmetric diffuser.
Material:UV beständiges Polycarbonat, farbe:Opal.

Code
C-U200013



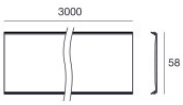
Diffusor - Opal - Länge 1.5m
Diffusorart: opal diffuser.
Material:UV beständiges Polycarbonat, farbe:Opal.

Code
C-U200041



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

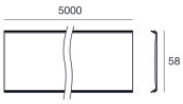
Code
C-U200042



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

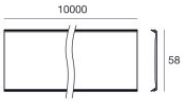
Code
C-U200043

Rollip60_MS | Systems | Accessories
C00811WHMZZ

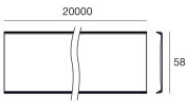
Diffusor - Opal – Länge 5 m
Diffusorart: opal diffuser.
Material:UV beständiges Polycarbonat, farbe:Opal.

Code
C-U200008

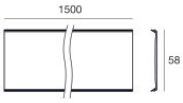
Diffusor - Opal – Länge 10m
Diffusorart: opal diffuser.
Material:UV beständiges Polycarbonat, farbe:Opal.

Code
C-U200009

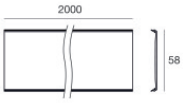
Diffusor - Opal – Länge 20m
Diffusorart: opal diffuser.
Material:UV beständiges Polycarbonat, farbe:Opal.

Code
C-U200010

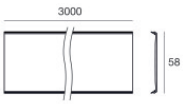
Diffusor - Blendfreier Diffusor – Länge 1.5m
Diffusorart: anti-glare diffuser.
Material:UV beständiges Polycarbonat, farbe:Opal, bearbeitungstyp :Satinieren.

Code
C-U200044

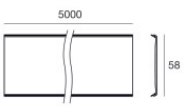
Diffusor - Blendfreier Diffusor – Länge 2m
Diffusorart: anti-glare diffuser.
Material:UV beständiges Polycarbonat, farbe:Opal, bearbeitungstyp :Satinieren.

Code
C-U200045

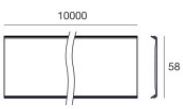
Diffusor - Blendfreier Diffusor – Länge 3m
Diffusorart: anti-glare diffuser.
Material:UV beständiges Polycarbonat, farbe:Opal, bearbeitungstyp :Satinieren.

Code
C-U200046

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

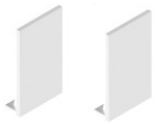
Code
C-U200014

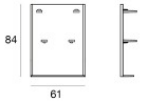



Diffusor - Blendfreier Diffusor – Länge 10m
Diffusorart: anti-glare diffuser.
Material:UV beständiges Polycarbonat, farbe:Opal, bearbeitungstyp :Satinieren.

Code
C-U200015

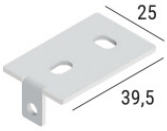
Rollip60_MS | Systems | Accessories
C00811WHMZZ





Endkappe
Material:Stranggepresstes Aluminium EN AB - 46100, farbe:Text white RAL9003, bearbeitungstyp :Pulverbeschichtung mit duroplastischen Pulvern.

Code
C-V400017



Klammer - Befestigungswinkel – 2 Stück
installationsposition: decke L=39.5mm, H=15mm, D=25mm.
Material:Eisen, farbe:Zink, bearbeitungstyp :Verzinken.

Code
C-F400007