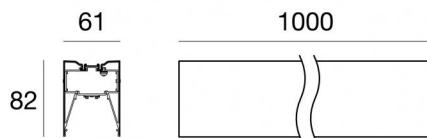
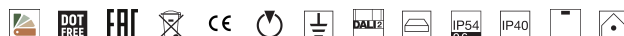


Systeme | 198-264 V AC /180-280 V DC
144 topLED 13 W DC - 14.5 W AC | Modular | CRI 90
C00847WHWZZ



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)	2078 lm
Nominale Eingangsspannung	220 - 240 V AC
Eingangsspannungsbereich	198 - 264 V AC
Frequency	50 - 60 Hz
Ähnlichste Farbtemperatur / Tone	3000 K
Farbwiedergabeindex	90 Ra
Gleichstrom/Gleichspannung	AC
Isolierklasse	1
IP	IP40
IP optisches System	IP54
Glühdrahtprüfung	850°
Direkte Montage auf normal entflammaren Oberflächen	Ja
CE	Ja
Einschließlich Driver	Driver
Leuchte dimmbar	DALI-2 - PUSH DIM
Schwenkbarkeit	Nein
Drehbarkeit	Nein
Begehrbarkeit	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
C00847WHWZZ

Single emission systems for indoor application. The warm white LED light source with a no optic light distribution is composed of 144 topLED LEDs with CCT of 3000 K and a CRI 90; the source luminous flux is 2078 lm, with a 159.8 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.

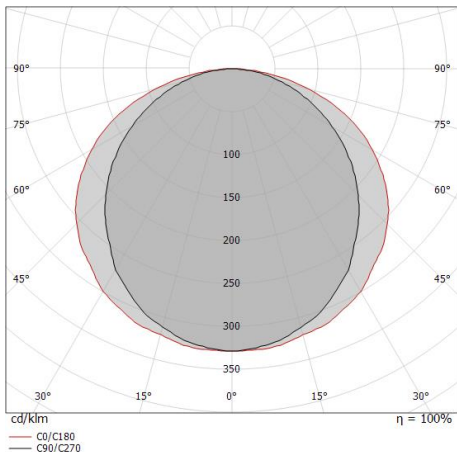
Energieeffizienzklasse
Dieses Produkt enthält 2 Lichtquellen der Energieeffizienzklasse E.

Illuminotechnical Eigenschaften	
Light Output Ratio (LOR)	75 %
Lichtstrom (Lichtquelle)	2078 lm
Leuchten Lichtstrom	1579 lm
Consumption	14.5 W
Leuchten Lichtausbeute	108 lm/W
Farbtemperatur	3000 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 transversal	25.6
UGR axial	23.5
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



0.5		1.38	E(0°)	54.1°	2079
		2.08	E(C90)	64.3°	210
			E(C0)	64.3°	85
1.0		2.76	E(0°)	54.1°	520
		4.16	E(C90)	64.3°	52
			E(C0)	64.3°	21
1.5		4.14	E(0°)	54.1°	231
		6.23	E(C90)	64.3°	23
			E(C0)	64.3°	9
2.0		5.53	E(0°)	54.1°	130
		8.31	E(C90)	64.3°	13
			E(C0)	64.3°	5
2.5		6.91	E(0°)	54.1°	83
		10.39	E(C90)	64.3°	8
			E(C0)	64.3°	3
3.0		8.29	E(0°)	54.1°	58
		12.47	E(C90)	64.3°	6
			E(C0)	64.3°	2
Distance [m]	Cone diameter [m]	Illuminance [lx]			
C0/C180 (Half-peak divergence: 128.6°) C90/C270 (Half-peak divergence: 108.2°)					

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

CRI 90 | + CU200012

C00847WHWZZ

Single emission systems for indoor application. The warm white LED light source with a no optic light distribution is composed of 144 topLED LEDs with CCT of 3000 K and a CRI 90; the source luminous flux is 2078 lm, with a 159.8 lm/W nominal luminous efficacy.

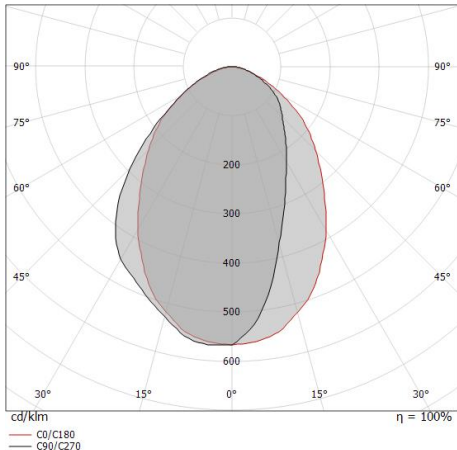
The device body is made of aluminium alloy 6060 and features a text white ral9003 finish, processed by means of powder coating with thermosetting powders.

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.



0.5	0.83	E(0°) E(C0)	39.8°	3761 854
1.0	1.67	E(0°) E(C0)	39.8°	940 213
1.5	2.50	E(0°) E(C0)	39.8°	418 95
2.0	3.33	E(0°) E(C0)	39.8°	235 53
2.5	4.17	E(0°) E(C0)	39.8°	150 34
3.0	5.00	E(0°) E(C0)	39.8°	104 24

Distance [m] Cone diameter [m] Illuminance [lx]

— C0/C180 (Half-peak divergence: 79.6°)

Energieeffizienzklasse	
Dieses Produkt enthält 2 Lichtquellen der Energieeffizienzklasse E.	

Illuminotechnical Eigenschaften	
Light Output Ratio (LOR)	79 %
Lichtstrom (Lichtquelle)	2078 lm
Leuchten Lichtstrom	1659 lm
Consumption	14.5 W
Leuchten Lichtausbeute	114 lm/W
Farbtemperatur	3000 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 transversal	25.6
UGR axial	23.5
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 | + CU200014

C00847WHWZZ

Single emission systems for indoor application. The warm white LED light source with a no optic light distribution is composed of 144 topLED LEDs with CCT of 3000 K and a CRI 90; the source luminous flux is 2078 lm, with a 159.8 lm/W nominal luminous efficacy.

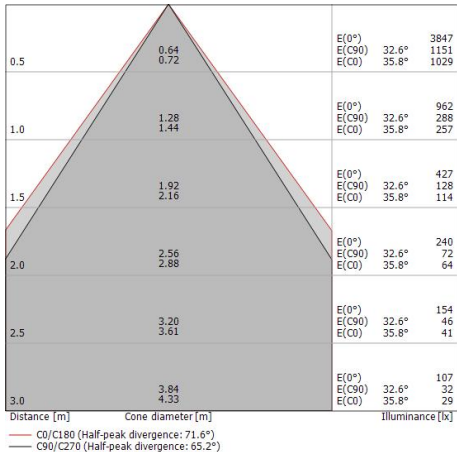
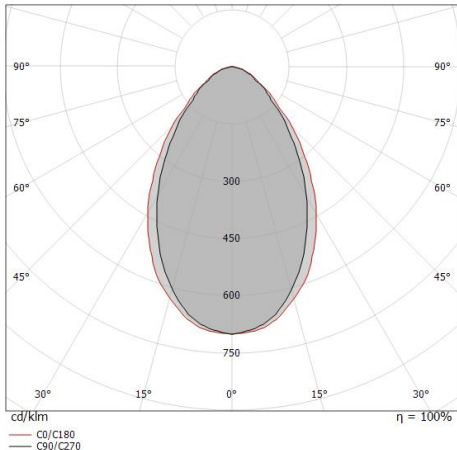
The device body is made of aluminium alloy 6060 and features a text white ral9003 finish, processed by means of powder coating with thermosetting powders.

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)	66 %
Lichtstrom (Lichtquelle)	2078 lm
Leuchten Lichtstrom	1374 lm
Consumption	14.5 W
Leuchten Lichtausbeute	94 lm/W
Farbtemperatur	3000 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)

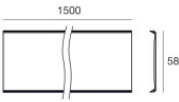
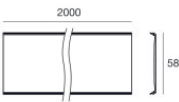
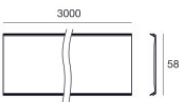
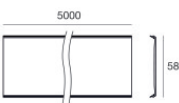
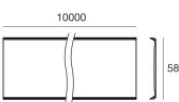
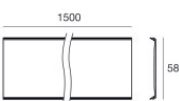
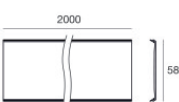
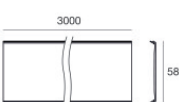
UGR

UGR transversal	18.5
UGR axial	18.3
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

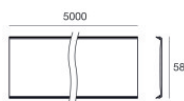
OPTICAL

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

Rollip60_MS | Systems | Accessories
C00847WHWZZ

		Diffusor - Asymmetrisch - Länge 1.5m Diffusorart: asymmetric diffuser. Material:UV beständiges Polycarbonat, farbe:Opal.	Code <u>C-U200038</u>
		Diffusor - Asymmetrisch - Länge 2m Diffusorart: asymmetric diffuser. Material:UV beständiges Polycarbonat, farbe:Opal.	Code <u>C-U200039</u>
		Diffusor - Asymmetrisch - Länge 3m Diffusorart: asymmetric diffuser. Material:UV beständiges Polycarbonat, farbe:Opal.	Code <u>C-U200040</u>
		Diffusor - Asymmetrisch - Länge 5m Diffusorart: asymmetric diffuser. Material:UV beständiges Polycarbonat, farbe:Opal.	Code <u>C-U200012</u>
		Diffusor - Asymmetrisch - Länge 10m Diffusorart: asymmetric diffuser. Material:UV beständiges Polycarbonat, farbe:Opal.	Code <u>C-U200013</u>
		Diffusor - Opal - Länge 1.5m Diffusorart: opal diffuser. Material:UV beständiges Polycarbonat, farbe:Opal.	Code <u>C-U200041</u>
		Diffusor - Opal - Länge 2m Diffusorart: opal diffuser. Material:UV beständiges Polycarbonat, farbe:Opal.	Code <u>C-U200042</u>
		Diffusor - Opal - Länge 3m Diffusorart: opal diffuser. Material:UV beständiges Polycarbonat, farbe:Opal.	Code <u>C-U200043</u>

Rollip60_MS | Systems | Accessories
C00847WHWZZ



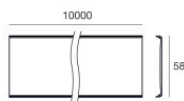
Diffusor - Opal – Länge 5 m

Diffusorart: opal diffuser.

Material:UV beständiges Polycarbonat, farbe:Opal.

Code

C-U200008



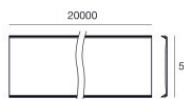
Diffusor - Opal – Länge 10m

Diffusorart: opal diffuser.

Material:UV beständiges Polycarbonat, farbe:Opal.

Code

C-U200009



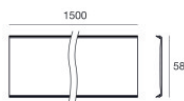
Diffusor - Opal – Länge 20m

Diffusorart: opal diffuser.

Material:UV beständiges Polycarbonat, farbe:Opal.

Code

C-U200010



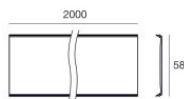
Diffusor - Blendfreier Diffusor – Länge 1.5m

Diffusorart: anti-glare diffuser.

Material:UV beständiges Polycarbonat, farbe:Opal, bearbeitungstyp :Satinieren.

Code

C-U200044



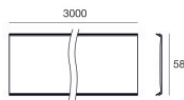
Diffusor - Blendfreier Diffusor – Länge 2m

Diffusorart: anti-glare diffuser.

Material:UV beständiges Polycarbonat, farbe:Opal, bearbeitungstyp :Satinieren.

Code

C-U200045



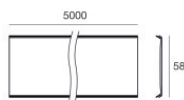
Diffusor - Blendfreier Diffusor – Länge 3m

Diffusorart: anti-glare diffuser.

Material:UV beständiges Polycarbonat, farbe:Opal, bearbeitungstyp :Satinieren.

Code

C-U200046



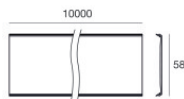
Diffusor - Blendfreier Diffusor – Länge 5m

Diffusorart: anti-glare diffuser.

Material:UV beständiges Polycarbonat, farbe:Opal, bearbeitungstyp :Satinieren.

Code

C-U200014



Diffusor - Blendfreier Diffusor – Länge 10m

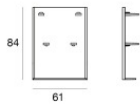
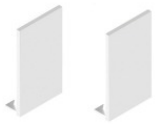
Diffusorart: anti-glare diffuser.

Material:UV beständiges Polycarbonat, farbe:Opal, bearbeitungstyp :Satinieren.

Code

C-U200015

Rollip60_MS | Systems | Accessories
C00847WHWZZ

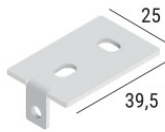


Endkappe

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