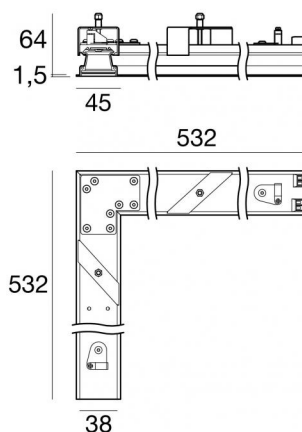


Systeme - Lineare Elemente

120 topLED 19 W DC 24 V | Modular | CRI 92

65448W

42 x
532 x
532

Technische Daten	
Typ	Systeme - Lineare Elemente - Frame
Installationsposition	Decke
Installationsumgebung	Indoor
Lichtquelle	LED
Circuit structure	topLED
Light emission direction	downward
Lampe Nennleistung	19 W DC
Lichtstrom (Lichtquelle)	2064 lm
Ähnlichste Farbtemperatur / Tone	3000 K
Farbwiedergabeindex	92 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	DALI - 1-10V
Schwenkbarkeit	Nein
Drehbarkeit	Nein
Begehbarkeit	Nein
Überrollbarkeit	Nein
Einschließlich Kabel	Ja
Kabellänge	0.20 m
Harzbeschichtung	Nein
Einbautiefe	64 mm
Typ Lichtabstrahlung	Einflammig
Nettogewicht	0.92 Kg
Modularity	Modular
Schutz vor elektrostatischen Entladungen	Nein
Schutz vor Stoßspannungen	Nein
Optiktechnologie	Dot free

Oberfläche Oberfläche Gehäuse

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

Elektronik

	99331 On/Off Driver 198-264V AC / 176-275V DC 150 W (1 - 7 art.)
	99332 1-10V Controller (1 - 7 art.)
	99374 On/Off Driver 198-264V AC / 176-275V DC 75 W (1 - 3 art.)
	99787 DALI Controller 100-305V AC / 142-431V DC 240 W (1 - 12 art.)
	83062 DALI - Push and Simply Dim Controller 198-264V AC / V DC (1 - 7 art.)

Cables Electrification

Cable connector	No
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Systeme - Lineare Elemente | 120 topLED 19 W DC 24 V | Modular | CRI 92 | + 65212+1
65448W

Single emission systems, lines or lines for indoor application. The warm white LED light source is composed of 120 topLEDs with CCT of 3000 K and a CRI 92; the source luminous flux is 2064 lm, with a 108.6 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 0.92 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 19 W The power supply cable is included and features a 0.20 m length.

The device features protection class III and can be ceiling-mounted, with a 42 x 532 x 532 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)	27 %
Lichtstrom (Lichtquelle)	2064 lm
Leuchten Lichtstrom	572 lm
Consumption	10 W
Leuchten Lichtausbeute	57 lm/W
Farbtemperatur	3000 K
Standard Deviation of Colour Matching	3 Step MacAdam
Farbwiedergabeindex	92 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)

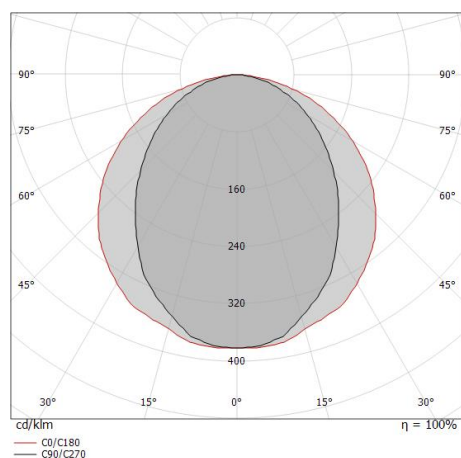
L90 B10 C0 147586h (at Tj 65 Ta 25)

UGR

UGR axial	22.9
UGR transversal	25.6
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

Optik C90/C270	90°
Optik C0/C180	119°
Light distribution simmetry	Symmetrical 2 assis



Distance [m]	Cone diameter [m]	Illuminance [lx]
0.5	1.00 1.69	E(0°) 874 E(C90) 156 E(C0) 58
1.0	1.99 3.38	E(0°) 219 E(C90) 39 E(C0) 14
1.5	2.99 5.07	E(0°) 97 E(C90) 17 E(C0) 6
2.0	3.99 6.76	E(0°) 55 E(C90) 10 E(C0) 4
2.5	4.98 8.45	E(0°) 35 E(C90) 6 E(C0) 2
3.0	5.98 10.15	E(0°) 24 E(C90) 4 E(C0) 2

— C0/C180 (Half-peak divergence: 118.8°)
— C90/C270 (Half-peak divergence: 89.8°)

Systeme - Lineare Elemente | 120 topLED 19 W DC 24 V | Modular | CRI 92 | + 65212+2
65448W

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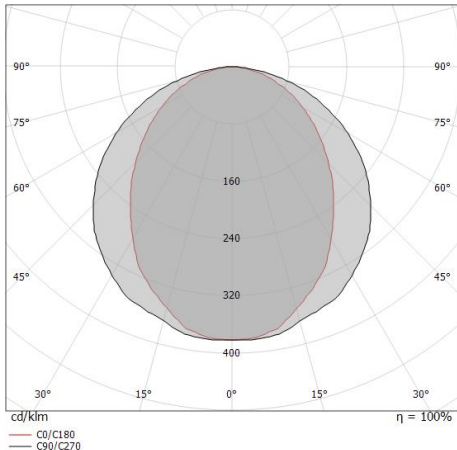
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Standardumgebungstemperatur	-20 / +50°C

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	22.9
UGR transversal	25.6
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL	
Optik C90/C270	119°
Optik C0/C180	90°
Light distribution simmetry	Symmetrical 2 assis

Systeme - Lineare Elemente | 120 topLED 19 W DC 24 V | Modular | CRI 92 | + 65234+1
65448W

Single emission systems, lines or lines for indoor application. The warm white LED light source is composed of 120 topLEDs with CCT of 3000 K and a CRI 92; the source luminous flux is 2064 lm, with a 108.6 lm/W nominal luminous efficacy.

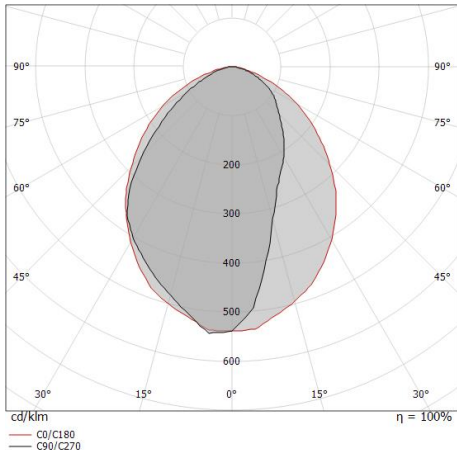
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Illuminotechnical Eigenschaften

Light Output Ratio (LOR)	25 %
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Leuchten Lichtstrom	530 lm
Consumption	10 W
Leuchten Lichtausbeute	53 lm/W
Farbtemperatur	3000 K
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Farbwiedergabeindex	92 Ra
Standardumgebungstemperatur	-20 / +50°C

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

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X=4H Y=8H	S=0.25H
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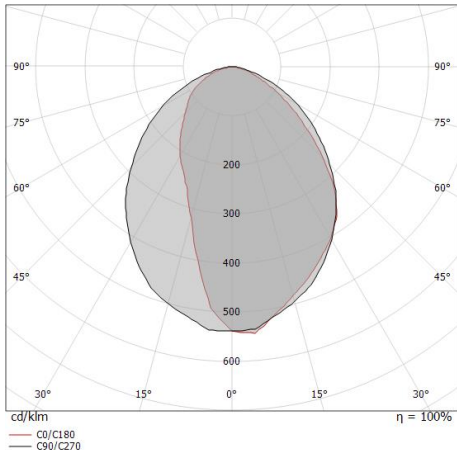
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UGR	
UGR axial	22.9
UGR transversal	25.6
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

Rollip35_MC | Lines | Accessories
65448W

		Diffusor - Opal 5m Länge Diffusorart: opalen diffusor. Material:UV beständiges Polycarbonat, farbe:Opal.	Code 65212
		Diffusor - Opal 10m Länge Diffusorart: opalen diffusor. Material:UV beständiges Polycarbonat, farbe:Opal.	Code 65213
		Diffusor - Opal 20m Länge Diffusorart: opalen diffusor. Material:UV beständiges Polycarbonat, farbe:Opal.	Code 65214
		Diffusor - Opaline diffuser L.50mt Diffusorart: opalen diffusor. Material:UV beständiges Polycarbonat, farbe:Opal.	Code 65215
		Diffusor - Asymmetric diffuser L.5mt	Code 65234
		Diffusor - Asymmetric diffuser L.10mt	Code 65235
		Diffusor Diffusorart: diffusore nero. Material:UV beständiges Polycarbonat, farbe:Black.	Code 64005
		Diffusor Diffusorart: diffusore nero. Material:UV beständiges Polycarbonat, farbe:Black.	Code 64015

Rollip35_MC | Lines | Accessories
65448W



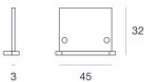
Diffusor
Diffusorart: diffusore nero.
Material:UV beständiges Polycarbonat, farbe:Black.

Code
64025



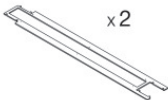
Diffusor
Diffusorart: diffusore nero.
Material:UV beständiges Polycarbonat, farbe:Black.

Code
64035



Endkappe - White end caps Rollip35
Material:Aluminium, farbe:Text white RAL9003, bearbeitungstyp :Lackierung.

Code
65219



Lochschablone

Code
99800