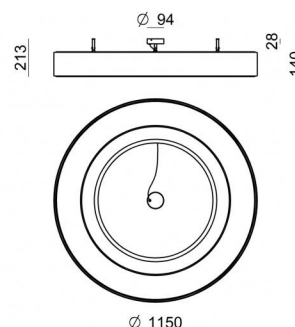


Deckenleuchten | 220-240 V
topLED 92 W DC - 98 W AC | CRI 90
7651



Technische Daten	
Jahr der Verwirklichung	2016
Typ	Oberfläche
Installationsposition	Decke
Installationsumgebung	Indoor
Lichtquelle	LED
Circuit structure	topLED
Optik	Diffuses
Light emission direction	downward and upward
Lampe Nennleistung	92 W DC
Gesamtleistung	98 W
Lichtstrom (Lichtquelle)	13961 lm
Nominale Eingangsspannung	220 - 240 V AC
Eingangsspannungsbereich	220 - 240 V AC
Frequency	60 - 50 Hz
Ähnlichste Farbtemperatur / Tone	3000 K
Farbwiedergabeindex	90 Ra
Gleichstrom/Gleichspannung	AC
Isolierklasse	1
IP	IP40
Glühdrahtprüfung	650°
Direkte Montage auf normal entflammaren Oberflächen	Ja
CE	Ja
Einschließlich Driver	Driver
Leuchte dimmbar	DALI
Schwenkbarkeit	Nein
Drehbarkeit	Nein
Begehbarkeit	Nein
Überrollbarkeit	Nein
Einschließlich Kabel	Nein
Harzbeschichtung	Nein
Typ Lichtabstrahlung	Zweiflammig
Nettogewicht	18 Kg
Schutz vor elektrostatischen Entladungen	Nein
Schutz vor Stoßspannungen	Nein

Oberfläche Oberfläche Gehäuse	
Material	Metall
Farbe	Text white RAL9003
Bearbeitungstyp	Lackierung

Oberfläche Oberfläche diffusor	
Material	PE
Farbe	Natural polyethylene

Oberfläche Oberfläche fassung	
Material	Metall
Farbe	Text white RAL9003
Bearbeitungstyp	Lackierung

Deckenleuchten | 220-240 V | topLED 92 W DC - 98 W AC | CRI 90
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Double emission ceiling downlights for indoor application. The warm white LED light source with a diffused light distribution is composed of 336 topLED LEDs with CCT of 3000 K and a CRI 90; the source luminous flux is 13961 lm, with a 151.8 lm/W nominal luminous efficacy.

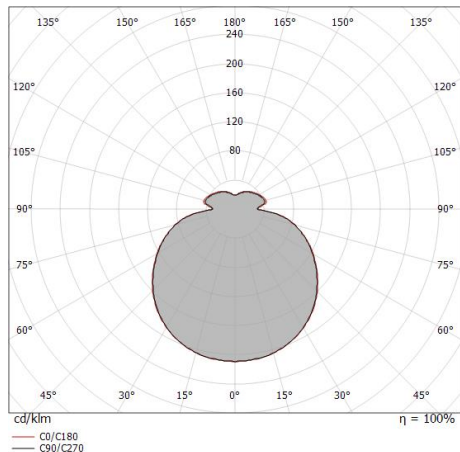
The device body is made of metal and features a text white ral9003 finish, processed by means of coating; the diffuser is made of pe; the mounting frame is made of metal, with a text white ral9003 finish, processed by means of coating.

The ingress protection degree is IP40; the total weight is of 18 kg.

The total absorbed power is 98 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	2.40 2.46	E(0°)	9429
		E(C90)	268
		E(C0)	251
1.0	4.80 4.93	E(0°)	2357
		E(C90)	67
		E(C0)	63
1.5	7.21 7.39	E(0°)	1048
		E(C90)	30
		E(C0)	28
2.0	9.61 9.85	E(0°)	589
		E(C90)	17
		E(C0)	16
2.5	12.01 12.31	E(0°)	377
		E(C90)	11
		E(C0)	10
3.0	14.41 14.78	E(0°)	262
		E(C90)	7
		E(C0)	7

Distance [m]

Cone diameter [m]

Illuminance [lx]

— C0/C180 (Half-peak divergence: 135.8°)

— C90/C270 (Half-peak divergence: 134.8°)

Energieeffizienzklasse	
Dieses Produkt enthält 28 Lichtquellen der Energieeffizienzklasse E.	
Illuminotechnical Eigenschaften	
Light Output Ratio (LOR)	80 %
Lichtstrom (Lichtquelle)	13961 lm
Leuchten Lichtstrom	11265 lm
Consumption	98 W
Leuchten Lichtausbeute	114 lm/W
Farbtemperatur	3000 K
Standard Deviation of Colour Matching	3 Step MacAdam
Farbwiedergabeindex	90 Ra
Verbindungstemperatur (Leuchte)	80
Standardumgebungstemperatur	25°C
LED Life / Failure Ratio	
L70 B10 C0 100000h	
L80 B20 C0 80000h	
L90 B10 C0 60000h	
UGR	
UGR axial	21.3
UGR transversal	21.4
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20
OPTICAL	
Optik C0/C180	135°
Light distribution simmetry	Symmetrical

Deckenleuchten | 220-240 V | topLED 92 W DC - 98 W AC | CRI 90

7651

Double emission ceiling downlights for indoor application. The warm white LED light source with a diffused light distribution is composed of 336 topLED LEDs with CCT of 3000 K and a CRI 90; the source luminous flux is 13961 lm, with a 151.8 lm/W nominal luminous efficacy.

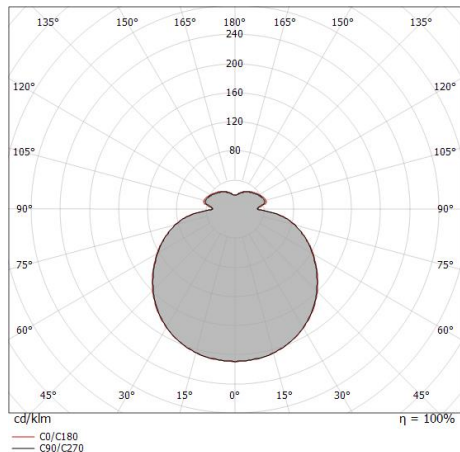
The device body is made of metal and features a text white ral9003 finish, processed by means of coating; the diffuser is made of pe; the mounting frame is made of metal, with a text white ral9003 finish, processed by means of coating.

The ingress protection degree is IP40; the total weight is of 18 kg.

The total absorbed power is 98 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	2.40 2.46	E(0°) E(C90) E(C0)	67.4° 67.9° 67.9°	10375 295 276
1.0	4.80 4.93	E(0°) E(C90) E(C0)	67.4° 67.9° 67.9°	2594 74 69
1.5	7.21 7.39	E(0°) E(C90) E(C0)	67.4° 67.9° 67.9°	1153 33 31
2.0	9.61 9.85	E(0°) E(C90) E(C0)	67.4° 67.9° 67.9°	648 18 17
2.5	12.01 12.31	E(0°) E(C90) E(C0)	67.4° 67.9° 67.9°	415 12 11
3.0	14.41 14.78	E(0°) E(C90) E(C0)	67.4° 67.9° 67.9°	288 8 8

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

— C0/C180 (Half-peak divergence: 135.8°)
— C90/C270 (Half-peak divergence: 134.8°)

Energieeffizienzklasse	
Dieses Produkt enthält 28 Lichtquellen der Energieeffizienzklasse E.	
Illuminotechnical Eigenschaften	
Light Output Ratio (LOR)	88 %
Lichtstrom (Lichtquelle)	13961 lm
Leuchten Lichtstrom	12395 lm
Consumption	98 W
Leuchten Lichtausbeute	126 lm/W
Farbtemperatur	3000 K
Standard Deviation of Colour Matching	3 Step MacAdam
Farbwiedergabeindex	90 Ra
Verbindungstemperatur (Leuchte)	80
Standardumgebungstemperatur	25°C
LED Life / Failure Ratio	
L70 B10 C0 100000h	
L80 B20 C0 80000h	
L90 B10 C0 60000h	
UGR	
UGR axial	21.6
UGR transversal	21.7
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20
OPTICAL	
Optik C0/C180	135°
Light distribution simmetry	Symmetrical

Deckenleuchten | 220-240 V | topLED 92 W DC - 98 W AC | CRI 90

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Double emission ceiling downlights for indoor application. The warm white LED light source with a diffused light distribution is composed of 336 topLEDs with CCT of 3000 K and a CRI 90; the source luminous flux is 13961 lm, with a 151.8 lm/W nominal luminous efficacy.

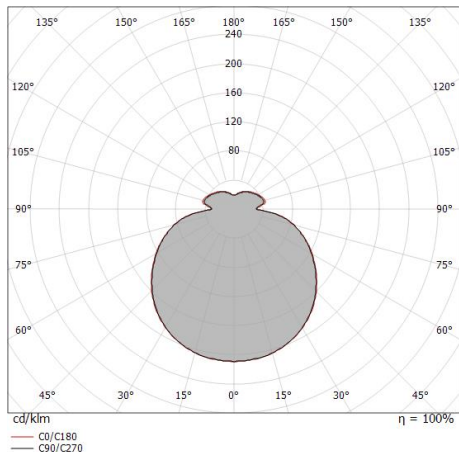
The device body is made of metal and features a text white ral9003 finish, processed by means of coating; the diffuser is made of pe; the mounting frame is made of metal, with a text white ral9003 finish, processed by means of coating.

The ingress protection degree is IP40; the total weight is of 18 kg.

The total absorbed power is 98 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	2.40 2.46	E(0°) E(C90) E(C0)	67.4° 67.9° 67.9°	9429 268 251
1.0	4.80 4.93	E(0°) E(C90) E(C0)	67.4° 67.9° 67.9°	2357 67 63
1.5	7.21 7.39	E(0°) E(C90) E(C0)	67.4° 67.9° 67.9°	1048 30 28
2.0	9.61 9.85	E(0°) E(C90) E(C0)	67.4° 67.9° 67.9°	589 17 16
2.5	12.01 12.31	E(0°) E(C90) E(C0)	67.4° 67.9° 67.9°	377 11 10
3.0	14.41 14.78	E(0°) E(C90) E(C0)	67.4° 67.9° 67.9°	262 7 7

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

— C0/C180 (Half-peak divergence: 135.8°)
— C90/C270 (Half-peak divergence: 134.8°)

Energieeffizienzklasse	
Dieses Produkt enthält 28 Lichtquellen der Energieeffizienzklasse E.	
Illuminotechnical Eigenschaften	
Light Output Ratio (LOR)	80 %
Lichtstrom (Lichtquelle)	13961 lm
Leuchten Lichtstrom	11265 lm
Consumption	98 W
Leuchten Lichtausbeute	114 lm/W
Farbtemperatur	3000 K
Standard Deviation of Colour Matching	3 Step MacAdam
Farbwiedergabeindex	90 Ra
Verbindungstemperatur (Leuchte)	80
Standardumgebungstemperatur	25°C
LED Life / Failure Ratio	
L70 B10 C0 100000h	
L80 B20 C0 80000h	
L90 B10 C0 60000h	
UGR	
UGR axial	21.3
UGR transversal	21.4
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20
OPTICAL	
Optik C0/C180	135°
Light distribution simmetry	Symmetrical