

Oberfläche Oberfläche Gehäuse	
Material	Eisen
Farbe	Text white RAL9003
Bearbeitungstyp	Lackierung
Oberfläche Oberfläche diffusor	
Material	PE
Farbe	Natural polyethylene
Oberfläche Oberfläche fassung	
Material	Eisen
Farbe	Text white RAL9003
Bearbeitungstyp	Lackierung
Cables Electrification+suspension	
Max. Kabellänge	2500 mm

Pendelleuchte | 220-240 V | 108 topLED 27 W DC - 31 W AC | CRI 80
9164

Double emission pendant luminaires for indoor application. The warm white LED light source with a diffused light distribution is composed of 108 topLEDs with CCT of 3000 K and a CRI 80; the source luminous flux is 3568 lm, with a 132.1 lm/W nominal luminous efficacy.

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

The ingress protection degree is IP20; the total weight is of 2.6 kg.

The total absorbed power is 31 W The power supply cable is included and features a 2,5 m length.

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 6 Lichtquellen der Energieeffizienzklasse E.

Illuminotechnical Eigenschaften

Light Output Ratio (LOR)	90 %
Lichtstrom (Lichtquelle)	3568 lm
Leuchten Lichtstrom	3222 lm
Consumption	31 W
Leuchten Lichtausbeute	103 lm/W
Farbtemperatur	3000 K
Standard Deviation of Colour Matching	3 Step MacAdam
Farbwiedergabeindex	80 Ra
Verbindungstemperatur (Leuchte)	80
Standardumgebungstemperatur	25°C

LED Life / Failure Ratio

L70 B10 C0 102000h (at Tj 115 Ta 25)

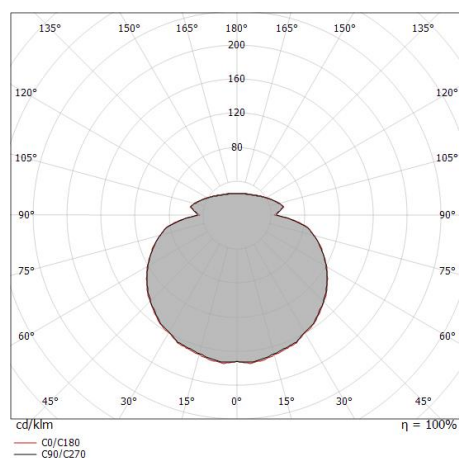
L90 B10 C0 55000h

UGR

UGR axial	20.1
UGR transversal	20.1
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

Optik C0/C180	157°
Light distribution simmetry	Symmetrical



Distance [m]	Cone diameter [m]	Illuminance [lx]
0.5	4.96 4.92	E(0°) 2219 E(C90) 9 E(C0) 9
1.0	9.92 9.83	E(0°) 555 E(C90) 2 E(C0) 2
1.5	14.88 14.75	E(0°) 247 E(C90) 1 E(C0) 1
2.0	19.84 19.66	E(0°) 139 E(C90) 1 E(C0) 1
2.5	24.80 24.58	E(0°) 89 E(C90) 0 E(C0) 0
3.0	29.76 29.49	E(0°) 62 E(C90) 0 E(C0) 0

— C0/C180 (Half-peak divergence: 157.0°)
— C90/C270 (Half-peak divergence: 157.2°)