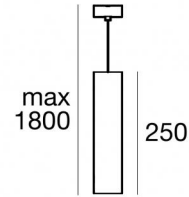




Pendant Luminaires | 100-240 V
1 arrayLED 6.3 W DC - 8.2 W AC | CRI 90
84575N45



Ø 60 |

Technical data	
Type	Surface
Installation position	Ceiling
Installation environment	Indoor
Light Source	LED
Circuit structure	arrayLED
Optics	Medium Wide Flood
Light emission direction	downward
Nominal power	6.3 W DC
Total Power	8.2 W
Source lumens	805 lm
Nominal input voltage	220 - 240 V AC
Input voltage range	100 - 240 V AC
Frequency	50 - 60 Hz
CCT / Tone	4000 K
Colour rendering index	90 Ra
C.C. / C.V.	AC
Safety class	2
IP	IP40
IK	IK05
Glow wire test	850°
Direct mounting on normally flammable surfaces	Yes
CE	Yes
Driver included	Driver
Dimmable article	No
Directional	No
Tilting	No
Walk-over	No
Drive-over	No
Cable included	Yes
Cable length	1,8 m
Resin potting	No
Type of light emission	Single emission
Net weight	0.9 Kg
Electrostatic discharge protection	Yes
Surge protection	0,5 KV
Optics technology	Set-back low glare optics

Finishing casing	
Material	Iron - Aluminium 6060
Colour	White - 5G 9005 Black
Processing	Powder coating - Powder coating

Finishing diffuser	
Material	Extra clear glass
Colour	transparent

Finishing base	
Material	Iron
Colour	White
Processing	Powder coating

Cables Electrification+ suspension	
Cable connector	No
Max cable length	1800 mm



Pendant Luminaires | 100-240 V | 1 arrayLED 6.3 W DC - 8.2 W AC | CRI 90 | Base
84575N45

Single emission pendant luminaires for indoor application. The natural white LED light source with a medium wide flood light distribution is composed of 1 arrayed LEDs with CCT of 4000 K and a CRI 90; the source luminous flux is 805 lm, with a 127.8 lm/W nominal luminous efficacy.

The device body is made of iron and features a white finish, processed by means of powder coating. The device body is made of aluminium 6060 and features a 5g 9005 black finish, processed by means of powder coating; the diffuser is made of extra clear glass. The ingress protection degree is IP40; the total weight is of 0.9 kg.

The total absorbed power is 8.2 W. The power supply cable is included and features a 1,8 m length.

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

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

Energy efficiency class

This product contains a light source of energy efficiency class F.

Illuminotechnical Features

Light Output Ratio (LOR)	51 %
Source lumens	805 lm
Delivered lumens	415 lm
Consumption	8.2 W
Luminaire efficacy	50 lm/W
Colour temperature	4000 K
Standard Deviation of Colour Matching	3 Step MacAdam
Colour rendering index	90 Ra

Standard Operating Ambient Temperature -20 / +50°C

Ordinary temperature on the glass 35°C

LED Life / Failure Ratio

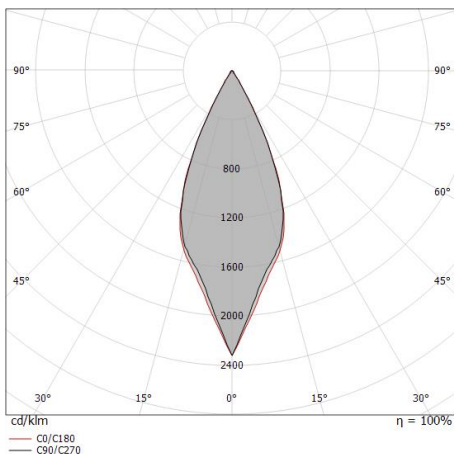
L70 B10 C0 134020h (at Tj 65 Ta 25)

UGR

UGR axial	11.7
UGR transversal	11.7
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

C0/C180 optics	41°
Light distribution simmetry	Symmetrical



Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	0.38 0.38	E(0°) 3846 E(C90) 20.6° 1587 E(C0) 20.9° 1569
1.0	0.75 0.76	E(0°) 962 E(C90) 20.6° 397 E(C0) 20.9° 392
1.5	1.13 1.15	E(0°) 427 E(C90) 20.6° 176 E(C0) 20.9° 174
2.0	1.50 1.53	E(0°) 240 E(C90) 20.6° 99 E(C0) 20.9° 98
2.5	1.88 1.91	E(0°) 154 E(C90) 20.6° 63 E(C0) 20.9° 63
3.0	2.26 2.29	E(0°) 107 E(C90) 20.6° 44 E(C0) 20.9° 44

— C0/C180 (Half-peak divergence: 41.8°)
— C90/C270 (Half-peak divergence: 41.2°)