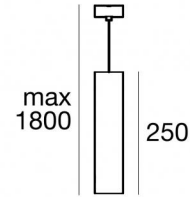




Pendant Luminaires | 100-240 V
1 arrayLED 6.3 W DC - 8.2 W AC | CRI 90
84575N45



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

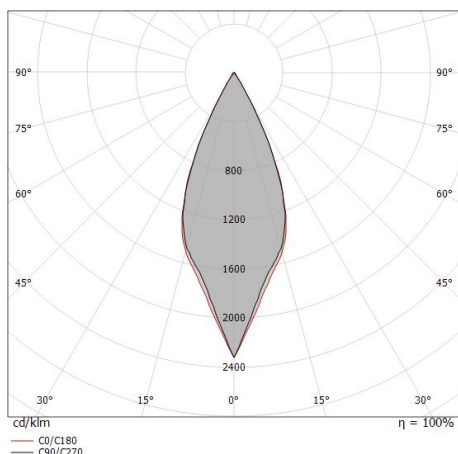
L70 B10 C0 134020h (at Tj 65 Ta 25)

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

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

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