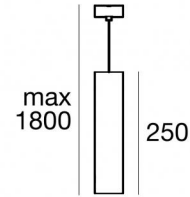




Pendant Luminaires | 100-240 V  
1 arrayLED 6.3 W DC - 8.2 W AC | CRI 90  
**76102W45**



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	748 lm
Nominal input voltage	220 - 240 V AC
Input voltage range	100 - 240 V AC
Frequency	50 - 60 Hz
CCT / Tone	3000 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	Black - 5G 9005 Black
Processing	Powder coating - Powder coating

### Finishing diffuser

Material	Extra clear glass
Colour	transparent

### Finishing base

Material	Iron
Colour	Black
Processing	Powder coating

### Cables Electrification+suspension

Max cable length	1800 mm
Cable connector	No



Pendant Luminaires | 100-240 V | 1 arrayLED 6.3 W DC - 8.2 W AC | CRI 90 | Base  
**76102W45**

Single emission pendant luminaires for indoor application. The warm white LED light source with a medium wide flood light distribution is composed of 1 arrayed LEDs with CCT of 3000 K and a CRI 90; the source luminous flux is 748 lm, with a 118.7 lm/W nominal luminous efficacy.

The device body is made of iron and features a black 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	748 lm
Delivered lumens	386 lm
Consumption	8.2 W
Luminaire efficacy	47 lm/W
Colour temperature	3000 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

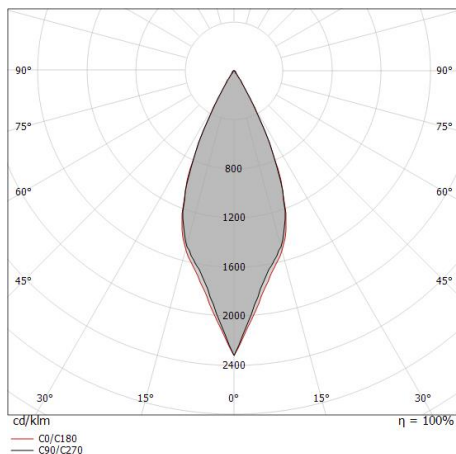
L70 B10 C0 134020h (at Tj 65 Ta 25 )

### UGR

UGR axial	11.5
UGR transversal	11.4
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	E(0°) 3575 E(C90) 1475 E(C0) 1458
1.0	0.75	E(0°) 894 E(C90) 369 E(C0) 365
1.5	1.13	E(0°) 397 E(C90) 164 E(C0) 162
2.0	1.50	E(0°) 223 E(C90) 92 E(C0) 91
2.5	1.88	E(0°) 143 E(C90) 59 E(C0) 58
3.0	2.26	E(0°) 99 E(C90) 41 E(C0) 41

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