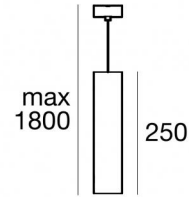




Pendant Luminaires | 100-240 V  
1 arrayLED 6.3 W DC - 8.2 W AC | CRI 90  
**76102M20**



Ø 60 |

Technical data	
Type	Surface
Installation position	Ceiling
Installation environment	Indoor
Light Source	LED
Circuit structure	arrayLED
Optics	Flood
Light emission direction	downward
Nominal power	6.3 W DC
Total Power	8.2 W
Source lumens	715 lm
Nominal input voltage	220 - 240 V AC
Input voltage range	100 - 240 V AC
Frequency	50 - 60 Hz
CCT / Tone	2700 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  
76102M20

Single emission pendant luminaires for indoor application. The super warm white LED light source is composed of 1 arrayed LEDs with CCT of 2700 K and a CRI 90; the source luminous flux is 715 lm, with a 113.5 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)	56 %
Source lumens	715 lm
Delivered lumens	407 lm
Consumption	8.2 W
Luminaire efficacy	49 lm/W
Colour temperature	2700 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

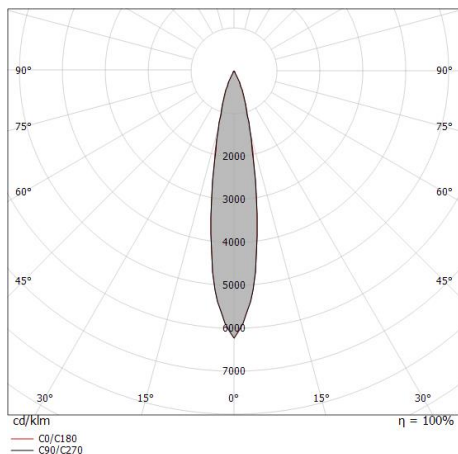
L70 B10 C0 134020h (at Tj 65 Ta 25 )

### UGR

UGR axial	9.7
UGR transversal	9.8
X=4H   Y=8H	S=0.25H
Reflection factor	70/50/20

### OPTICAL

C0/C180 optics	19°
Light distribution symmetry	Symmetrical



Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	0.17 0.17	E(0°) 10145 E(C90) 9.6° 4880 E(C0) 9.7° 4916
1.0	0.34 0.34	E(0°) 2536 E(C90) 9.6° 1220 E(C0) 9.7° 1229
1.5	0.51 0.51	E(0°) 1127 E(C90) 9.6° 542 E(C0) 9.7° 546
2.0	0.68 0.68	E(0°) 634 E(C90) 9.6° 305 E(C0) 9.7° 307
2.5	0.85 0.85	E(0°) 406 E(C90) 9.6° 195 E(C0) 9.7° 197
3.0	1.01 1.03	E(0°) 282 E(C90) 9.6° 136 E(C0) 9.7° 137

Distance [m]      Cone diameter [m]      illuminance [lx]

— C0/C180 (Half-peak divergence: 19.4°)  
— C90/C270 (Half-peak divergence: 19.2°)