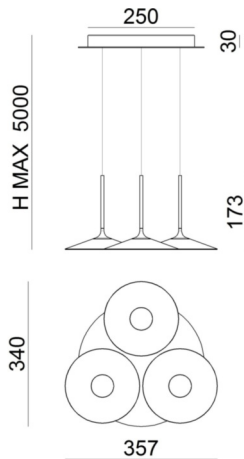




Pendant Luminaires | 220-240 V | topLED 19 W 700 mA | CRI 80  
8356



## Technical data

Type	Pendant Luminaires
Installation position	Ceiling
Installation environment	Indoor
Light Source	LED
Optics	General Lighting
Light emission direction	downward
Power	19 W
Source lumens	2130 lm
Frequency	60 - 50 Hz
CCT / Tone	3000 K
Colour rendering index	80 Ra
Safety class	1
IP	IP40
Glow wire test	850°
Direct mounting on normally flammable surfaces	Yes
CE	Yes
ETL	No
Fire Rated (BS 476 PT21 compliant)	No
Driver included	Driver
Induction	No
Emergency mode	No
Motion sensor	No
Directional	No
Tilting	No
Walk-over	No
Drive-over	No
Cable included	No
Resin potting	No
Type of light emission	Single emission

## Finishing casing

Material	Iron
Colour	black RAL 9005
Processing	Coating

## Finishing diffuser

Material	PC
Colour	opaline



Pendant Luminaires | 220-240 V | topLED 19 W 700 mA | CRI 80  
8356

Single emission pendant luminaires for indoor application. The warm white LED light source with a general lighting light distribution is composed of 3 topLED LEDs with CCT of 3000 K and a CRI 80; the source luminous flux is 2130 lm, with a 112.1 lm/W nominal luminous efficacy.

The device body is made of iron and features a black ral 9005 finish, processed by means of coating; the diffuser is made of PC; the mounting frame is made of iron, with a black ral 9005 finish, processed by means of coating. The ingress protection degree is IP40;

The total absorbed power is 19 W.

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

### Illuminotechnical Features

Light Output Ratio (LOR)	84 %
Source lumens	2130 lm
Delivered lumens	1800 lm
Consumption	19 W
Luminaire efficacy	94 lm/W
Colour temperature	3000 K
Standard Deviation of Colour Matching	3 Step MacAdam
Colour rendering index	80 Ra

### LED Life / Failure Ratio

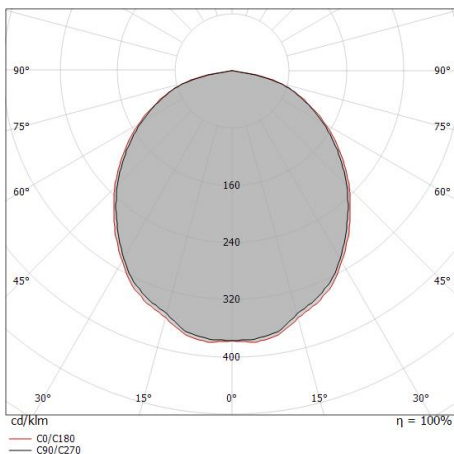
L70 B20 C0 72.5h
------------------

### UGR

X=4H   Y=8H	S=0.25H
Reflection factor	70/50/20
UGR transversal	< 28
UGR axial	< 28

### OPTICAL

Light distribution simmetry	Symmetrical
C0/C180 optics	104°



Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	1.28 1.32	E(0°) 2717 E(C90) 316 E(C0) 303
1.0	2.57 2.63	E(0°) 679 E(C90) 79 E(C0) 76
1.5	3.85 3.95	E(0°) 302 E(C90) 35 E(C0) 34
2.0	5.14 5.27	E(0°) 170 E(C90) 20 E(C0) 19
2.5	6.42 6.59	E(0°) 109 E(C90) 13 E(C0) 12
3.0	7.71 7.90	E(0°) 75 E(C90) 9 E(C0) 8

— C0/C180 (Half-peak divergence: 105.6°)  
— C90/C270 (Half-peak divergence: 104.2°)