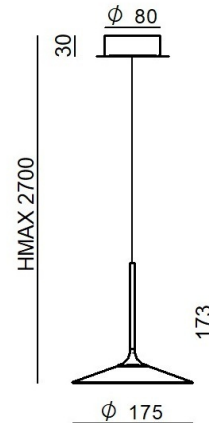
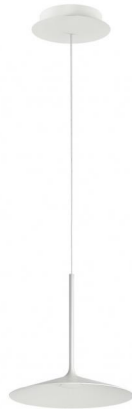
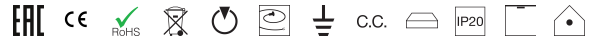


# Poe\_P1



Pendant Luminaires | 220-240 V  
1 topLED 6 W DC - 7 W AC | CRI 90  
**8350**



Technical data	
Type	Surface
Installation position	Ceiling
Installation environment	Indoor
Light Source	LED
Circuit structure	topLED
Optics	Diffused
Light emission direction	downward
Nominal power	6 W DC
Total Power	7 W
Source lumens	739 lm
Voltage	220 - 240 V AC
Frequency	60 - 50 Hz
CCT / Tone	3000 K
Colour rendering index	90 Ra
C.C. / C.V.	AC
Safety class	1
IP	IP20
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	2.7 m
Resin potting	No
Type of light emission	Single emission
Net weight	0.445 Kg
Electrostatic discharge protection	No
Surge protection	No

Finishing casing	
Material	Iron
Colour	White
Processing	Coating

Finishing diffuser	
Material	PC
Colour	opaline



## Pendant Luminaires | 220-240 V | 1 topLED 6 W DC - 7 W AC | CRI 90 | Base 8350

Single emission pendant luminaires for indoor application. The warm white LED light source with a diffused light distribution is composed of 1 topped LEDs with CCT of 3000 K and a CRI 90; the source luminous flux is 739 lm, with a 123.2 lm/W nominal luminous efficacy.

The device body is made of iron and features a white finish, processed by means of coating; the diffuser is made of PC. The ingress protection degree is IP20; the total weight is of 0.445 kg.

The total absorbed power is 7 W. The power supply cable is included and features a 2.7 m length.

The device features protection class I 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 E.

### Illuminotechnical Features

Light Output Ratio (LOR)	81 %
Source lumens	739 lm
Delivered lumens	600 lm
Consumption	7 W
Luminaire efficacy	85 lm/W
Colour temperature	3000 K
Standard Deviation of Colour Matching	3 Step MacAdam
Colour rendering index	90 Ra
Junction temperature (lighting fixture)	80

Standard Operating Ambient Temperature 25°C

### LED Life / Failure Ratio

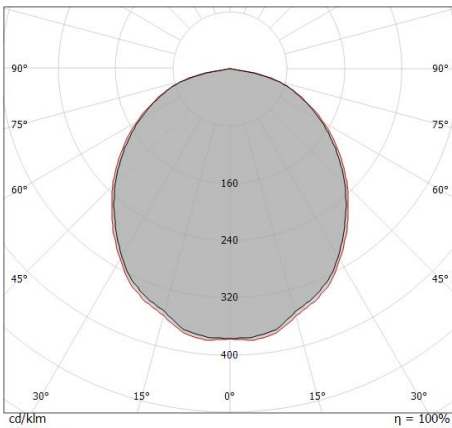
L70 B20 C0 72500h

### UGR

UGR axial	28.7
UGR transversal	28.8
X=4H   Y=8H	S=0.25H
Reflection factor	70/50/20

### OPTICAL

C0/C180 optics	104°
Light distribution simmetry	Symmetrical



Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	1.28 1.32	E(0°) 906 E(C90) 105 E(C0) 101
1.0	2.57 2.63	E(0°) 226 E(C90) 26 E(C0) 25
1.5	3.85 3.95	E(0°) 101 E(C90) 12 E(C0) 11
2.0	5.14 5.27	E(0°) 57 E(C90) 7 E(C0) 6
2.5	6.42 6.59	E(0°) 36 E(C90) 4 E(C0) 4
3.0	7.71 7.90	E(0°) 25 E(C90) 3 E(C0) 3

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

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