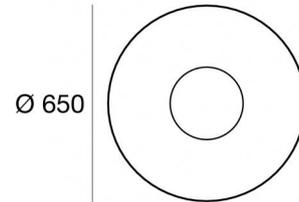


Ceiling Downlights | 220-240 V | 1 topLED 29 W DC - 34 W AC | CRI 80  
**90283**



Technical data	
Type	Surface
Installation position	Ceiling
Installation environment	Indoor
Light Source	LED
Circuit structure	topLED
Optics	Diffused
Light emission direction	upward
Nominal power	29 W DC
Total Power	34 W
Source lumens	3652 lm
Nominal input voltage	220 - 240 V AC
Input voltage range	220 - 240 V AC
Frequency	60 - 50 Hz
CCT / Tone	3000 K
Colour rendering index	80 Ra
C.C. / C.V.	AC
Safety class	1
IP	IP40
Glow wire test	650°
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	No
Resin potting	No
Type of light emission	Double emission
Net weight	4.85 Kg
Electrostatic discharge protection	Yes
Surge protection	Yes

#### Finishing Finishing casing

Material	Iron
Colour	Polished (galvanic) gold
Processing	Electroplating

#### Finishing Finishing diffuser

Material	Glass
Colour	white
Processing	Sandblasting

#### Finishing Finishing mounting frame

Material	Iron
Colour	Text white (R9003)
Processing	Coating

Ceiling Downlights | 220-240 V | 1 topLED 29 W DC - 34 W AC | CRI 80 | Base  
**90283**

Double emission ceiling downlights for indoor application. The warm white LED light source with a diffused light distribution is composed of 1 topLEDs with CCT of 3000 K and a CRI 80; the source luminous flux is 3652 lm, with a 125.9 lm/W nominal luminous efficacy.

The device body is made of iron and features a polished (galvanic) gold finish, processed by means of electroplating; the diffuser is made of glass with a sandblasting treatment; the mounting frame is made of iron, with a text white (r9003) finish, processed by means of coating.

The ingress protection degree is IP40; the total weight is of 4.85 kg.

The total absorbed power is 34 W

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)	62 %
Source lumens	3652 lm
Delivered lumens	2270 lm
Consumption	34 W
Luminaire efficacy	66 lm/W
Colour temperature	3000 K
Colour rendering index	80 Ra
Junction temperature (lighting fixture)	80
Standard Operating Ambient Temperature	25°C

### LED Life / Failure Ratio

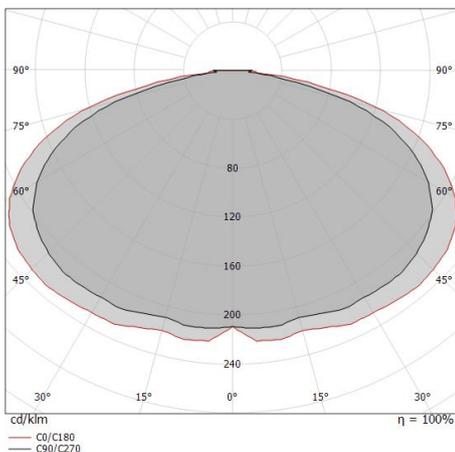
L70 B20 C0 72500h

### UGR

UGR axial	17
UGR transversal	18
X=4H   Y=8H	S=0.25H
Reflection factor	70/50/20

### OPTICAL

C90/C270 optics	148°
C0/C180 optics	152°
Light distribution symmetry	Symmetrical 2 axis



Distance [m]	Cone diameter [m]	Illuminance [lx]	E(0°)	E(C90)	E(C0)
0.5	3.44 4.01	1902 21 15	73.8°	76.0°	
1.0	6.88 8.02	475 5 4	73.8°	76.0°	
1.5	10.33 12.03	211 2 2	73.8°	76.0°	
2.0	13.77 16.04	119 1 1	73.8°	76.0°	
2.5	17.21 20.05	76 1 1	73.8°	76.0°	
3.0	20.65 24.06	53 1 0	73.8°	76.0°	

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

— C0/C180 (Half-peak divergence: 152.0°)  
— C90/C270 (Half-peak divergence: 147.6°)