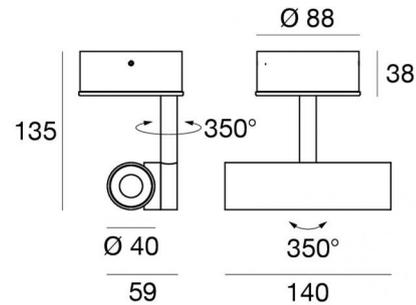


Ceiling Downlights - Projectors | 220-240 V | 1 x powerLED 8.5 W DC - 11 W AC | CRI 90  
9731M



Technical data	
Type	Ceiling Downlights - Projectors - Surface
Installation position	Wall lights - Ceiling
Installation environment	Indoor
Light Source	LED
Circuit structure	powerLED
Optics	45°
Light emission direction	downward
Nominal power	8.5 W DC
Total Power	11 W
Source lumens	698 lm
Nominal input voltage	220 - 240 V AC
Input voltage range	220 - 240 V AC
Frequency	50 - 60 Hz
CCT / Tone	2700 K
Colour rendering index	90 Ra
C.C. / C.V.	AC
Safety class	1
IP	IP20
Glow wire test	650°
Direct mounting on normally flammable surfaces	Yes
CE	Yes
Driver included	Driver
Dimmable article	Phase cut
Directional	Swivelling
total angle (vertical plane)	350 °
total angle (horizontal plane)	350 °
Tilting	No
Walk-over	No
Drive-over	No
Cable included	No
Resin potting	No
Type of light emission	Single emission
Net weight	0.75 Kg
Electrostatic discharge protection	Yes
Surge protection	Yes

#### Finishing Finishing casing

Material	Aluminium - Aluminium
Colour	Black RAL 9005 - Polished (galvanic) gold
Processing	Coating - Electroplating

#### Finishing Finishing diffuser

Material	PMMA
Colour	Transparent

#### Finishing Finishing mounting frame

Material	Aluminium
Colour	Black RAL 9005
Processing	Coating

Ceiling Downlights - Projectors | 220-240 V | 1 x powerLED 8.5 W DC - 11 W AC | CRI 90 | Base  
**9731M**

Single emission ceiling downlights, projectors or projectors for indoor application. The super warm white LED light source is composed of 1 powered LEDs with CCT of 2700 K and a CRI 90; the source luminous flux is 698 lm, with a 82.1 lm/W nominal luminous efficacy.

The device body is made of aluminium and features a black ral 9005 finish, processed by means of coating. The device body is made of aluminium and features a polished (galvanic) gold finish, processed by means of electroplating; the diffuser is made of pmma; the mounting frame is made of aluminium, with a black ral 9005 finish, processed by means of coating.

The ingress protection degree is IP20; the total weight is of 0.75 kg.

The total absorbed power is 11 W

The device features protection class I and can be wall lights or 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)	84 %
Source lumens	698 lm
Delivered lumens	593 lm
Consumption	11 W
Luminaire efficacy	53 lm/W
Colour temperature	2700 K
Standard Deviation of Colour Matching	3 Step MacAdam
Colour rendering index	90 Ra
Junction temperature (lighting fixture)	80
Standard Operating Ambient Temperature	-20 / +50°C

**LED Life / Failure Ratio**

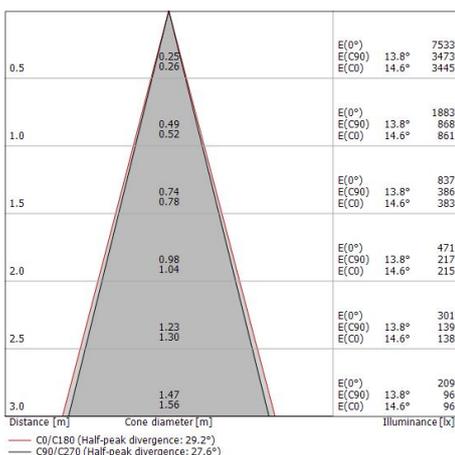
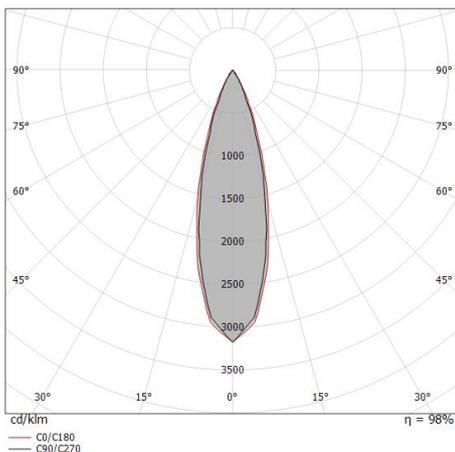
L80 B20 C0 80000h (at Tj 85 Ta 25 )

**UGR**

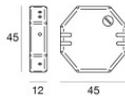
UGR axial	17
UGR transversal	18
X=4H   Y=8H	S=0.25H
Reflection factor	70/50/20

**OPTICAL**

C0/C180 optics	28°
Light distribution simmetry	Symmetrical

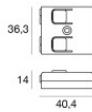


Goose | Projectors | Accessories  
**9731M**



Dimmer - Phase cut (Max 100W) - Essential for dimming the lamp  
220-240V

**Code**  
KIT0026



Dimmer - Phase cut CASAMBI - Essential for dimming the lamp with Casambi  
Radio-frequenza, 85-240V

**Code**  
KIT0080