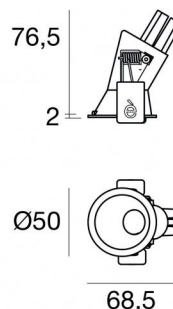




Downlights | 1 x powerLED 2 W DC 630 mA | CRI 90  
**90818M30**



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Technical data	
Type	Encasement with flange
Installation position	Ceiling
Installation environment	Indoor
Light Source	LED
Circuit structure	powerLED
Optics	Medium Flood
Light emission direction	downward
Nominal power	2 W DC
Source lumens	213 lm
Input voltage range	630mA
CCT / Tone	2700 K
Colour rendering index	90 Ra
C.C. / C.V.	CC
Safety class	3
IP	IP44
Optical compartment IP	IP65
Glow wire test	850°
Direct mounting on normally flammable surfaces	Yes
CE	Yes
Driver included	No
Dimmable article	DALI - 1-10V
Directional	No
Tilting	No
Walk-over	No
Drive-over	No
Cable included	Yes
Cable length	0.170 m
Resin potting	No
Type of light emission	Single emission
Net weight	0.047 Kg
Electrostatic discharge protection	No
Surge protection	No
Optics technology	F.O.L. - Honey comb
Product technological characteristics	TVS

### Finishing casing

Material	Die-cast Aluminium EN AB - 46100
Colour	White
Processing	Powder coating


### Finishing diffuser

Material	UV Resistant Polycarbonate
Colour	transparent


### Finishing radiator

Material	Die-cast Aluminium EN AB - 46100
Processing	Tumbling

### Electronics


 89147  
On/Off Driver 198~264V AC / 180~275V DC (1 - 2 art.)

 99105  
On/Off Driver 198~264V AC (6 - 12 art.)

 99374  
On/Off Driver 198~264V AC / 176~275V DC 75 W (1 - 37 art.)

 99710  
1-10V Converter 24V DC (- art.)

 99713  
DALI Converter 24V DC (- art.)

 99376  
On/Off Driver 198~264V AC (3 - 6 art.)

### Cables Electrification

Cable connector	No
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Downlights | 1 x powerLED 2 W DC 630 mA | CRI 90 | Base  
**90818M30**

Single emission recessed downlights for indoor application. The super warm white LED light source with a medium flood light distribution is composed of 1 powerLED LEDs with CCT of 2700 K and a CRI 90; the source luminous flux is 213 lm, with a 106.5 lm/W nominal luminous efficacy.

The device body is made of die-cast aluminium en ab - 46100 and features a white finish, processed by means of powder coating; the diffuser is made of uv resistant polycarbonate. The ingress protection degree is IP44; the total weight is of 0.047 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 2 W. The power supply cable is included and features a 0.170 m length.

The device features protection class III and can be ceiling-mounted, with a 46 mm diameter hole (in plasterboard).

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)	32 %
Source lumens	213 lm
Delivered lumens	70 lm
Consumption	2,0 W
Luminaire efficacy	35 lm/W
Colour temperature	2700 K
Standard Deviation of Colour Matching	5 Step MacAdam
Colour rendering index	90 Ra
Standard Operating Ambient Temperature	-20 / +50°C
Ordinary temperature on the glass	40°C

### LED Life / Failure Ratio

L70 B20 C0 214455h (at Tj 60 Ta 25 )

### OPTICAL

C0/C180 optics	39°
Light distribution symmetry	Asymmetrical

