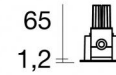
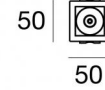




Downlights | 1 x powerLED 2 W DC 630 mA | CRI 90  
**C00148WHMSP**



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## Technical data

Type	Encasement with flange
Installation position	Ceiling
Installation environment	Indoor
Light Source	LED
Circuit structure	powerLED
Optics	Spot
Light emission direction	downward
Nominal power	2 W DC
Source lumens	199 lm
Input voltage range	630mA
CCT / Tone	2700 K
Colour rendering index	90 Ra
C.C. / C.V.	CC
Safety class	3
IP	IP20
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	0.1 Kg
Electrostatic discharge protection	No
Surge protection	No
Product technological characteristics	TVS

## Finishing casing

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


## Finishing diffuser

Material	Pet
Colour	White

## 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.)

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

## Downlights | 1 x powerLED 2 W DC 630 mA | CRI 90 | Base C00148WHMSP

Single emission recessed downlights for indoor application. The super warm white LED light source with a spot light distribution is composed of 1 powerLED LEDs with CCT of 2700 K and a CRI 90; the source luminous flux is 199 lm, with a 99.5 lm/W nominal luminous efficacy.

The device body is made of die-cast aluminium en ab - 46100 and features a white + black finish, processed by means of powder coating; the diffuser is made of pet. The ingress protection degree is IP20; the total weight is of 0.1 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 44 x 44 mm 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)	76 %
Source lumens	199 lm
Delivered lumens	153 lm
Consumption	2,0 W
Luminaire efficacy	76 lm/W
Colour temperature	2700 K
Standard Deviation of Colour Matching	3 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 )

### UGR

UGR axial	14.8
UGR transversal	14.8
X=4H   Y=8H	S=0.25H
Reflection factor	70/50/20

### OPTICAL

C0/C180 optics	13°
Light distribution simmetry	Symmetrical

