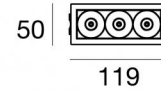
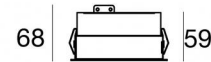




Downlights | 3 x powerLEDs 6 W DC 630 mA | CRI 90  
**C00150BBBMW**



113 x  
42



## Technical data

Type	Encasement with flange
Installation position	Ceiling
Installation environment	Indoor
Light Source	LED
Circuit structure	powerLEDs
Optics	Medium Wide Flood
Light emission direction	downward
Nominal power	6 W DC
Source lumens	639 lm
Input voltage range	630mA
CCT / Tone	3000 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	0.215 Kg
Electrostatic discharge protection	No
Surge protection	No
Product technological characteristics	TVS

## Finishing casing

Material	Iron
Colour	Black
Processing	Powder coating

## Finishing diffuser

Material	Pom-C
Colour	Black

## Finishing radiator

Material	Aluminium 6060
Colour	Anodised Black
Processing	15 µm Anodizing

## Electronics



99115  
1-10V - N/O button Multi Power 198-264V AC / 180-275V DC (1 - 3 art.)



99105  
On/Off Driver 198-264V AC (2 - 4 art.)



99376  
On/Off Driver 198-264V AC (1 - 2 art.)



C-E100001  
Push and Simply Dim - DALI-2 Multi Power 198-264V AC / 180-275V DC (2 - 4 art.)

## Downlights | 3 x powerLEDs 6 W DC 630 mA | CRI 90 | Base C00150BBWMW

Single emission recessed downlights for indoor application. The warm white LED light source is composed of 3 powered LEDs with CCT of 3000 K and a CRI 90; the source luminous flux is 639 lm, with a 106.5 lm/W nominal luminous efficacy.

The device body is made of iron and features a black finish, processed by means of powder coating; the diffuser is made of pom-c. The ingress protection degree is IP20; the total weight is of 0.215 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 6 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 113 x 42 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)	66 %
Source lumens	639 lm
Delivered lumens	428 lm
Consumption	6 W
Luminaire efficacy	71 lm/W
Colour temperature	3000 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 )

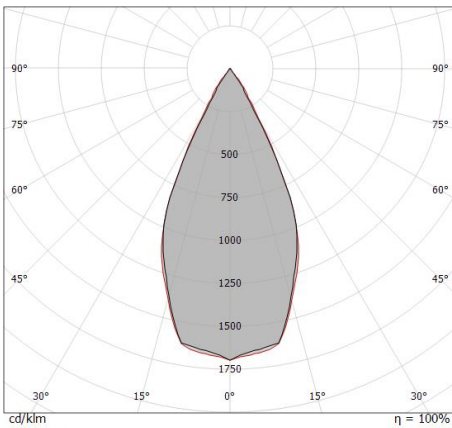
### UGR

UGR axial	10.3
UGR transversal	11.5
X=4H   Y=8H	S=0.25H
Reflection factor	70/50/20

### OPTICAL

C0/C180 optics 49°

Light distribution symmetry Symmetrical



Distance [m]	Cone diameter [m]	Illuminance [lx]	E(0°)	E(C0)
0.5	0.46	2899	24.7°	1097
1.0	0.92	725	24.7°	274
1.5	1.38	322	24.7°	122
2.0	1.84	181	24.7°	69
2.5	2.30	116	24.7°	44
3.0	2.76	81	24.7°	30

Distance [m] Cone diameter [m] Illuminance [lx]  
 — C0/C180 (Half-peak divergence: 49.4°)