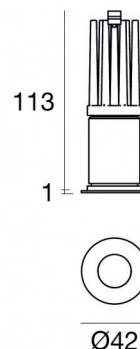




Downlights | 1 x powerLED 2 W DC 630 mA | CRI 80
C00117BBNUS



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Technical data	
Type	Encasement with flange
Installation position	Ceiling
Installation environment	Indoor
Light Source	LED
Circuit structure	powerLED
Optics	Ultra Spot
Light emission direction	downward
Nominal power	2 W DC
Source lumens	198 lm
Input voltage range	630mA
CCT / Tone	4000 K
Colour rendering index	80 Ra
C.C. / C.V.	CC
Safety class	3
IP	IP44
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	0.17 m
Resin potting	No
Type of light emission	Single emission
Net weight	0.11 Kg
Electrostatic discharge protection	No
Surge protection	No


Finishing casing	
Material	Aluminium 6026
Colour	Black
Processing	Powder coating


Finishing diffuser	
Material	UV Resistant Polycarbonate
Colour	transparent


Finishing radiator	
Material	Die-cast Aluminium
Colour	Aluminium
Processing	Tumbling


Electronics


 89147
On/Off Driver 198-264V AC / 180-275V DC

 99105
On/Off Driver 198-264V AC

 99374
On/Off Driver 198-264V AC / 176-275V DC 75 W

 99710
1-10V Converter 24V DC

 99713
DALI Converter 24V DC

 99376
On/Off Driver 198-264V AC



Downlights | 1 x powerLED 2 W DC 630 mA | CRI 80 | Base
C00117BBNUS

Single emission recessed downlights for indoor application. The natural white LED light source with a ultra spot light distribution is composed of 1 powerLEDs with CCT of 4000 K and a CRI 80; the source luminous flux is 198 lm, with a 99.0 lm/W nominal luminous efficacy.

The device body is made of aluminium 6026 and features a black 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 0.11 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 0.17 m length.

The device features protection class III and can be ceiling-mounted, with a 35 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 E.

Illuminotechnical Features

Light Output Ratio (LOR)	59 %
Source lumens	198 lm
Delivered lumens	117 lm
Consumption	2,0 W
Luminaire efficacy	58 lm/W
Colour temperature	4000 K
Standard Deviation of Colour Matching	1/16 ANSI BIN
Colour rendering index	80 Ra
Standard Operating Ambient Temperature	-20 / +50°C

LED Life / Failure Ratio

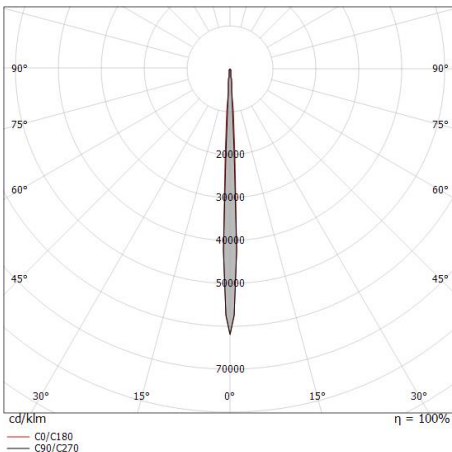
L70 B10 C0 78400h

UGR

UGR axial	18.3
UGR transversal	18.3
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

C0/C180 optics	5°
Light distribution simmetry	Symmetrical



Distance [m]	Cone diameter [m]	Illuminance [lx]
0.5	0.044	E(0°) 28789 E(C90) 2.4° 15231 E(C0) 2.5° 14462
1.0	0.08	E(0°) 7197 E(C90) 2.4° 3808 E(C0) 2.5° 3615
1.5	0.13	E(0°) 3199 E(C90) 2.4° 1692 E(C0) 2.5° 1607
2.0	0.17	E(0°) 1799 E(C90) 2.4° 952 E(C0) 2.5° 904
2.5	0.21	E(0°) 1152 E(C90) 2.4° 609 E(C0) 2.5° 578
3.0	0.25	E(0°) 800 E(C90) 2.4° 423 E(C0) 2.5° 402

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

— C0/C180 (Half-peak divergence: 5.0°)
— C90/C270 (Half-peak divergence: 4.8°)