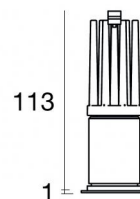




Downlights | 1 x powerLED 2 W DC 630 mA | CRI 80  
**C00117AUWUS**



Ø42



35

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	186 lm
Input voltage range	630mA
CCT / Tone	3000 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	gold
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 (1 - 2 art.)

 99105  
On/Off Driver 198-264V AC (1 - 12 art.)

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

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

 99713  
DALI Converter 24V DC (1 art.)

 99376  
On/Off Driver 198-264V AC (1 - 6 art.)



## Downlights | 1 x powerLED 2 W DC 630 mA | CRI 80 | Base C00117AUWUS

Single emission recessed downlights for indoor application. The warm white LED light source with a ultra spot light distribution is composed of 1 powerLEDs with CCT of 3000 K and a CRI 80; the source luminous flux is 186 lm, with a 93.0 lm/W nominal luminous efficacy.

The device body is made of aluminium 6026 and features a gold 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 F.

### Illuminotechnical Features

Light Output Ratio (LOR)	63 %
Source lumens	186 lm
Delivered lumens	119 lm
Consumption	2,0 W
Luminaire efficacy	59 lm/W
Colour temperature	3000 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

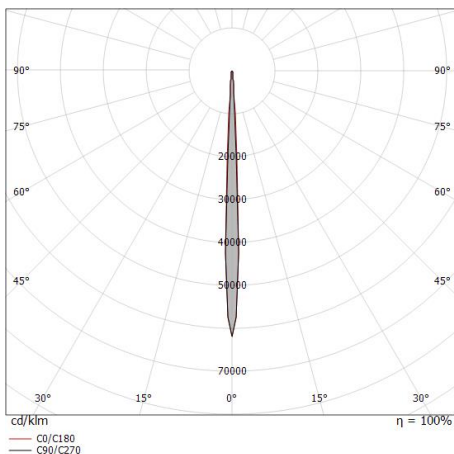
L70 B10 C0 78400h

### 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	0.04 0.04	E(0°) 29267 E(C90) 2.4° 15484 E(C0) 2.5° 14702
1.0	0.08 0.09	E(0°) 7317 E(C90) 2.4° 3871 E(C0) 2.5° 3676
1.5	0.13 0.13	E(0°) 3252 E(C90) 2.4° 1720 E(C0) 2.5° 1634
2.0	0.17 0.17	E(0°) 1829 E(C90) 2.4° 968 E(C0) 2.5° 919
2.5	0.21 0.22	E(0°) 1171 E(C90) 2.4° 619 E(C0) 2.5° 588
3.0	0.25 0.26	E(0°) 813 E(C90) 2.4° 430 E(C0) 2.5° 408

Distance [m]      Cone diameter [m]      illuminance [lx]

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