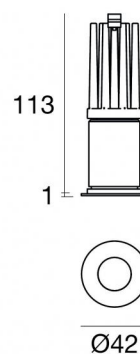




Downlights | 1 x powerLED 2 W DC 630 mA | CRI 80  
**C00117WHMUS**



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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                                  | 174 lm                 |
| Input voltage range                            | 630mA                  |
| CCT / Tone                                     | 2700 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           | White          |
| 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 (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.)



## Downlights | 1 x powerLED 2 W DC 630 mA | CRI 80 | Base C00117WHMUS

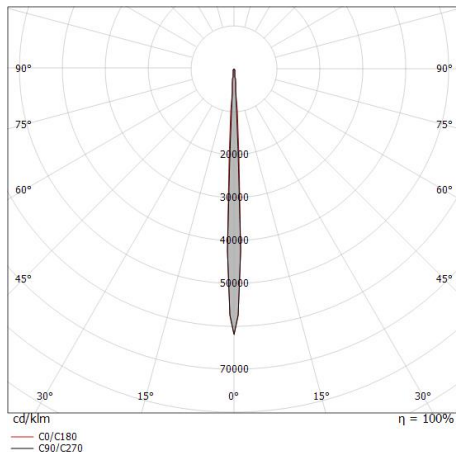
Single emission recessed downlights for indoor application. The super warm white LED light source with a ultra spot light distribution is composed of 1 powerled LEDs with CCT of 2700 K and a CRI 80; the source luminous flux is 174 lm, with a 87.0 lm/W nominal luminous efficacy.

The device body is made of aluminium 6026 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 0.11 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.



| Distance [m] | Cone diameter [m] | illuminance [lx] | E(0°) | E(C90) | E(C0) |
|--------------|-------------------|------------------|-------|--------|-------|
| 0.5          | 0.04<br>0.04      | 28444            | 2.4°  | 15049  | 14289 |
| 1.0          | 0.08<br>0.09      | 7111             | 2.4°  | 3762   | 3572  |
| 1.5          | 0.13<br>0.13      | 3160             | 2.4°  | 1672   | 1568  |
| 2.0          | 0.17<br>0.17      | 1778             | 2.4°  | 941    | 893   |
| 2.5          | 0.21<br>0.22      | 1138             | 2.4°  | 602    | 572   |
| 3.0          | 0.25<br>0.26      | 790              | 2.4°  | 418    | 397   |

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

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

### Energy efficiency class

This product contains a light source of energy efficiency class F.

### Illuminotechnical Features

|  |               |
|--|---------------|
| Light Output Ratio (LOR)               | 66 %          |
| Source lumens                          | 174 lm        |
| Delivered lumens                       | 115 lm        |
| Consumption                            | 2,0 W         |
| Luminaire efficacy                     | 57 lm/W       |
| Colour temperature                     | 2700 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         | 18.2     |
| UGR transversal   | 18.2     |
| X=4H   Y=8H       | S=0.25H  |
| Reflection factor | 70/50/20 |

### OPTICAL

|                             |             |
|-----------------------------|-------------|
| C0/C180 optics              | 5°          |
| Light distribution simmetry | Symmetrical |