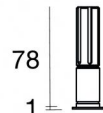




Downlights | 1 x powerLED 3 W DC 1000 mA | CRI 90  
**C01038AUMMW**



20



| Technical data                                 |                        |
|------------------------------------------------|------------------------|
| Type                                           | Encasement with flange |
| Installation position                          | Ceiling                |
| Installation environment                       | Indoor                 |
| Light Source                                   | LED                    |
| Circuit structure                              | powerLED               |
| Optics                                         | Medium Wide Flood      |
| Light emission direction                       | downward               |
| Nominal power                                  | 3 W DC                 |
| Source lumens                                  | 358 lm                 |
| Input voltage range                            | 1000mA                 |
| CCT / Tone                                     | 2700 K                 |
| Colour rendering index                         | 90 Ra                  |
| C.C. / C.V.                                    | CC                     |
| Safety class                                   | 3                      |
| IP                                             | IP44                   |
| Optical compartment IP                         | IP65                   |
| 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                                     | 0.047 Kg               |
| Electrostatic discharge protection             | No                     |
| Surge protection                               | No                     |
| Product technological characteristics          | TVS                    |

### Finishing casing

|            |                |
|------------|----------------|
| Material   | Aluminium 6026 |
| Colour     | gold           |
| Processing | Powder coating |

### Finishing diffuser

|          |                            |
|----------|----------------------------|
| Material | UV Resistant Polycarbonate |
| Colour   | transparent                |

### Finishing radiator

|            |                   |
|------------|-------------------|
| Material   | Aluminium 6026    |
| Colour     | Anodised Aluminum |
| Processing | 20 µm anodizing   |

### Electronics



C-E100034  
 Push and Simply Dim - DALI-2 Controller (4 - 12 art.)



C-E100033  
 On/Off Driver 198~264V AC / 180~280V DC (4 - 12 art.)



C-E100046  
 On/Off Driver 100~264V AC / 176~264V DC (1 - 6 art.)



C-E100047  
 Push and Simply Dim - DALI-2 Controller (1 - 3 art.)

### Cables Electrification

|                 |    |
|-----------------|----|
| Cable connector | No |
|-----------------|----|



Downlights | 1 x powerLED 3 W DC 1000 mA | CRI 90 | Base  
**C01038AUMMW**

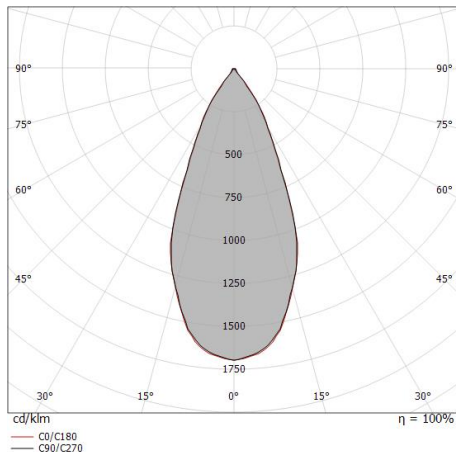
Single emission recessed downlights for indoor application. The super warm white LED light source with a medium wide flood light distribution is composed of 1 powered LEDs with CCT of 2700 K and a CRI 90; the source luminous flux is 358 lm, with a 119.3 lm/W nominal luminous efficacy.

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 0.047 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 3 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 20 mm diameter hole (in plasterboard).

Compliant with the EN 60598-1 standard and its specific provisions.



| Distance [m] | Cone diameter [m] | illuminance [lx]                     |
|--------------|-------------------|--------------------------------------|
| 0.5          | 0.42<br>0.42      | E(0°) 787<br>E(C90) 309<br>E(C0) 311 |
| 1.0          | 0.84<br>0.83      | E(0°) 197<br>E(C90) 77<br>E(C0) 78   |
| 1.5          | 1.25<br>1.25      | E(0°) 87<br>E(C90) 34<br>E(C0) 35    |
| 2.0          | 1.67<br>1.67      | E(0°) 49<br>E(C90) 19<br>E(C0) 19    |
| 2.5          | 2.09<br>2.08      | E(0°) 31<br>E(C90) 12<br>E(C0) 12    |
| 3.0          | 2.51<br>2.50      | E(0°) 22<br>E(C90) 9<br>E(C0) 9      |

— C0/C180 (Half-peak divergence: 45.2°)  
— C90/C270 (Half-peak divergence: 45.4°)

### Energy efficiency class

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

### Illuminotechnical Features

|                                       |                |
|---------------------------------------|----------------|
| Light Output Ratio (LOR)              | 32 %           |
| Source lumens                         | 358 lm         |
| Delivered lumens                      | 116 lm         |
| Consumption                           | 3 W            |
| Luminaire efficacy                    | 38 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         | 23.1     |
| UGR transversal   | 22.7     |
| X=4H   Y=8H       | S=0.25H  |
| Reflection factor | 70/50/20 |

### OPTICAL

|                             |             |
|-----------------------------|-------------|
| C0/C180 optics              | 45°         |
| Light distribution simmetry | Symmetrical |