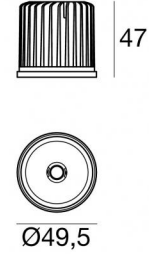


# Illuminator



Downlights | 1 arrayLED 6.5 W DC 700 mA | CRI 90  
80338M30



| Technical data                                 |                           |
|--|---------------------------|
| Type   | Encasement without flange |
| Installation position                          | Ceiling                   |
| Installation environment                       | Indoor                    |
| Light Source                                   | LED                       |
| Circuit structure                              | arrayLED                  |
| Optics   | Flood                     |
| Light emission direction                       | downward                  |
| Nominal power                                  | 6.5 W DC                  |
| Source lumens                                  | 715 lm                    |
| Input voltage range                            | 700mA                     |
| CCT / Tone                                     | 2700 K                    |
| Colour rendering index                         | 90 Ra                     |
| C.C. / C.V.                                    | CC                        |
| Safety class                                   | 3                         |
| IP   | IP20                      |
| IK   | IK02                      |
| 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                                   | 0.300 m                   |
| Resin potting                                  | No                        |
| Type of light emission                         | Single emission           |
| Net weight                                     | 0.078 Kg                  |
| Electrostatic discharge protection             | No                        |
| Surge protection                               | No                        |

## Finishing casing

|            |                                  |
|------------|----------------------------------|
| Material   | Die-cast Aluminium EN AB - 46100 |
| Colour     | Anodised Aluminum                |
| Processing | 20 µm anodizing                  |

## Electronics

|   |   |
|---|---|
|   | 99147<br>On/Off Driver 198~264V AC (2 - 3 art.)                   |
|  | 99735<br>Multi Power 198~264V AC / 180~275V DC (1 art.)           |
|  | 99733<br>1-10V Multi Power 198~264V AC / 180~275V DC (1 art.)     |
|  | 83323<br>Push and Simply Dim - DALI-2 Controller (1 art.)         |
|  | C-E100016<br>Push and Simply Dim - DALI-2 Controller (2 - 4 art.) |

## Cables Electrification

|                 |                       |
|-----------------|-----------------------|
| Cable connector | FEMALE JST SMR-02V-BC |
| Cable connector | MALE JST SMR-02V-B    |



Downlights | 1 arrayLED 6.5 W DC 700 mA | CRI 90 | Base  
**80338M30**

Single emission recessed downlights for indoor application. The super warm white LED light source with a flood light distribution is composed of 1 arrayed LEDs with CCT of 2700 K and a CRI 90; the source luminous flux is 715 lm, with a 110.0 lm/W nominal luminous efficacy.

The device body is made of die-cast aluminium en ab - 46100 and features a anodised aluminum finish, processed by means of 20 µm anodizing. The ingress protection degree is IP20; the total weight is of 0.078 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 6.5 W. The power supply cable is included and features a 0.300 m length.

The device features protection class III and can be ceiling-mounted.

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)               | 80 %           |
| Source lumens                          | 715 lm         |
| Delivered lumens                       | 576 lm         |
| Consumption                            | 7 W            |
| Luminaire efficacy                     | 82 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    |

### LED Life / Failure Ratio

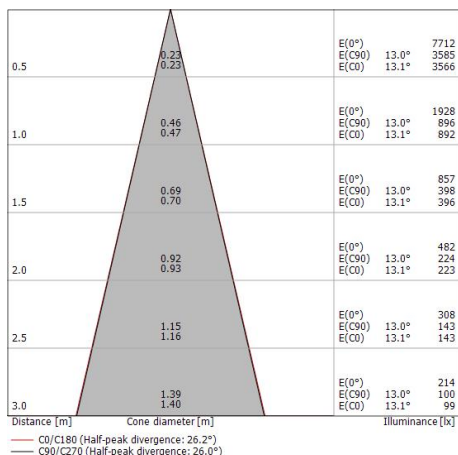
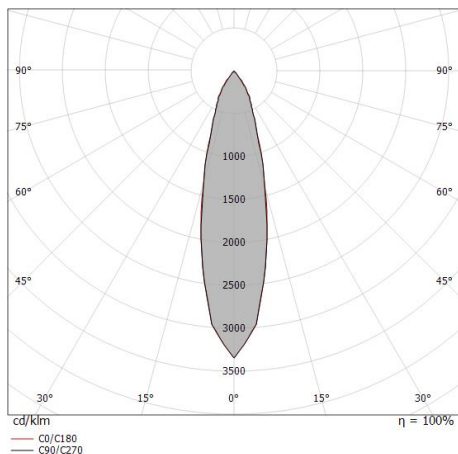
L70 B10 C0 134020h (at Tj 65 Ta 25 )

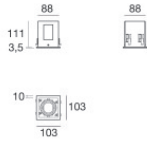
### UGR

|                   |          |
|-------------------|----------|
| UGR axial         | 16       |
| UGR transversal   | 16       |
| X=4H   Y=8H       | S=0.25H  |
| Reflection factor | 70/50/20 |

### OPTICAL

|                             |             |
|-----------------------------|-------------|
| C0/C180 optics              | 26°         |
| Light distribution simmetry | Symmetrical |





Outer casing

installation position: ceiling; type of installation: drywall L=103mm, H=114.5mm, D=103mm.

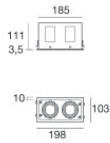
Material:Aluminium, colour:White, processing:Coating.

Finish

White

Code

99485



Outer casing

installation position: ceiling; type of installation: drywall L=198mm, H=114.5mm, D=103mm.

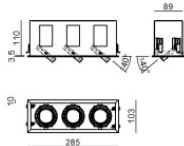
Material:Aluminium, colour:White, processing:Coating.

Finish

White

Code

99486



Outer casing

installation position: ceiling; type of installation: drywall L=285mm, H=114.5mm, D=103mm.

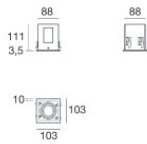
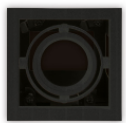
Material:Aluminium, colour:White, processing:Coating.

Finish

White

Code

99487



Outer casing

installation position: ceiling; type of installation: drywall L=103mm, H=114.5mm, D=103mm.

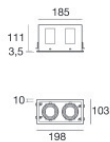
Material:Aluminium, colour:Black, processing:Coating.

Finish

Black

Code

99488



Outer casing

installation position: ceiling; type of installation: drywall L=198mm, H=114.5mm, D=103mm.

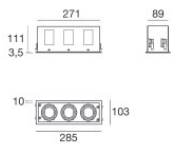
Material:Aluminium, colour:Black, processing:Coating.

Finish

Black

Code

99489



Outer casing

installation position: ceiling; type of installation: drywall L=285mm, H=114.5mm, D=103mm.

Material:Aluminium, colour:Black, processing:Coating.

Finish

Black

Code

99490



Anti-glare

Anti-glare Type: honeycomb louvre.

Material:PC, colour:black.

Finish

Black

Code

99550



Diffuser

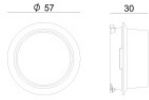
Diffuser Type: elliptical filter

Code

99552



Illuminator | Downlights | Accessories  
**80338M30**



Anti-glare  
Anti-glare Type: cylindrical screen.  
Material:PC, colour:black.

| Finish | Code  |
|--------|-------|
| Black  | 99554 |