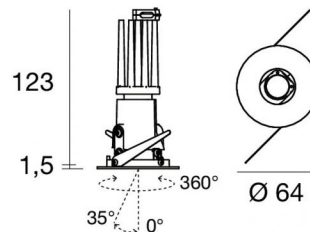




Downlights | 1 arrayLED 6 W DC 700 mA | CRI 90  
**C00935WHWML**



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### Technical data

|  |                        |
|--|------------------------|
| Type   | Encasement with flange |
| Installation position                          | Ceiling                |
| Installation environment                       | Indoor                 |
| Light Source                                   | LED                    |
| Circuit structure                              | arrayLED               |
| Optics   | Medium Flood           |
| Light emission direction                       | downward               |
| Nominal power                                  | 6 W DC                 |
| Source lumens                                  | 748 lm                 |
| Input voltage range                            | 700mA                  |
| CCT / Tone                                     | 3000 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  | Yes                    |
| total angle (horizontal plane)                 | 360 °                  |
| total angle (vertical plane)                   | 35 °                   |
| 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                                     | 0.128 Kg               |
| Electrostatic discharge protection             | No                     |
| Surge protection                               | No                     |
| Optics technology                              | Honey comb             |

### Finishing casing

|            |                                  |
|------------|----------------------------------|
| Material   | Die-cast Aluminium EN AB - 46100 |
| Colour     | black                            |
| Processing | Powder coating                   |

### Finishing flange

|            |                                  |
|------------|----------------------------------|
| Material   | Die-cast Aluminium EN AB - 46100 |
| Colour     | White                            |
| Processing | Powder coating                   |

### Finishing radiator

|            |                                  |
|------------|----------------------------------|
| Material   | Die-cast Aluminium EN AB - 46100 |
| Processing | Tumbling                         |

### Electronics



99147  
On/Off Driver 198-264V AC (2 - 4 art.)



99735  
Multi Power 198-264V AC / 180-275V DC (1 art.)



99733  
1-10V Multi Power 198-264V AC / 180-275V DC (1 art.)



C-E100012  
Push and Simply Dim - DALI-2 Controller (1 art.)



C-E100016  
Push and Simply Dim - DALI-2 Controller (3 - 4 art.)

### Cables Electrification

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



## Downlights | 1 arrayLED 6 W DC 700 mA | CRI 90 | Base C00935WHWML

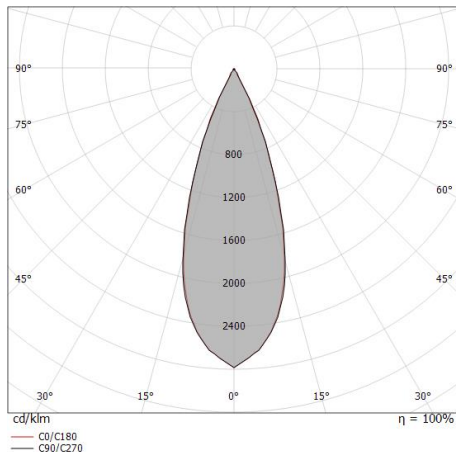
Single emission recessed downlights for indoor application. The warm white LED light source with a medium flood light distribution is composed of 1 arrayed LEDs with CCT of 3000 K and a CRI 90; the source luminous flux is 748 lm, with a 124.7 lm/W nominal luminous efficacy.

The device body is made of die-cast aluminium en ab - 46100 and features a black finish, processed by means of powder coating. The ingress protection degree is IP44; the total weight is of 0.128 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 6 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 56 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          | 0.33<br>0.32      | E(0°) 1936<br>E(C90) 830<br>E(C0) 841 |
| 1.0          | 0.66<br>0.65      | E(0°) 484<br>E(C90) 207<br>E(C0) 210  |
| 1.5          | 0.99<br>0.97      | E(0°) 215<br>E(C90) 92<br>E(C0) 93    |
| 2.0          | 1.32<br>1.30      | E(0°) 121<br>E(C90) 52<br>E(C0) 53    |
| 2.5          | 1.64<br>1.62      | E(0°) 77<br>E(C90) 33<br>E(C0) 34     |
| 3.0          | 1.97<br>1.95      | E(0°) 54<br>E(C90) 23<br>E(C0) 23     |

— C0/C180 (Half-peak divergence: 36.0°)  
— C90/C270 (Half-peak divergence: 36.4°)

### Energy efficiency class

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

### Illuminotechnical Features

|                                       |                |
|---------------------------------------|----------------|
| Light Output Ratio (LOR)              | 23 %           |
| Source lumens                         | 748 lm         |
| Delivered lumens                      | 174 lm         |
| Consumption                           | 6 W            |
| Luminaire efficacy                    | 29 lm/W        |
| Colour temperature                    | 3000 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 B10 C0 134020h (at Tj 65 Ta 25 )

### UGR

|                   |          |
|-------------------|----------|
| UGR axial         | 5.1      |
| UGR transversal   | 4.9      |
| X=4H   Y=8H       | S=0.25H  |
| Reflection factor | 70/50/20 |

### OPTICAL

|                             |             |
|-----------------------------|-------------|
| C0/C180 optics              | 36°         |
| Light distribution simmetry | Symmetrical |