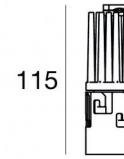


Downlights | 1 arrayLED 6.3 W DC 700 mA | CRI 90
C00058AUNWF



| Technical data | |
|--|-----------------|
| Type | Semi-recessed |
| Installation position | Ceiling |
| Installation environment | Indoor |
| Light Source | LED |
| Circuit structure | arrayLED |
| Optics | Wide Flood |
| Light emission direction | downward |
| Nominal power | 6.3 W DC |
| Source lumens | 805 lm |
| Input voltage range | 700mA |
| CCT / Tone | 4000 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 | 0.1 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



99147
On/Off Driver 198-264V AC (1 - 3 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.)



83323
Push and Simply Dim - DALI-2 Controller (1 art.)



C-E100016
Push and Simply Dim - DALI-2 Controller (1 - 3 art.)

Downlights | 1 arrayLED 6.3 W DC 700 mA | CRI 90 | Base C00058AUNWF

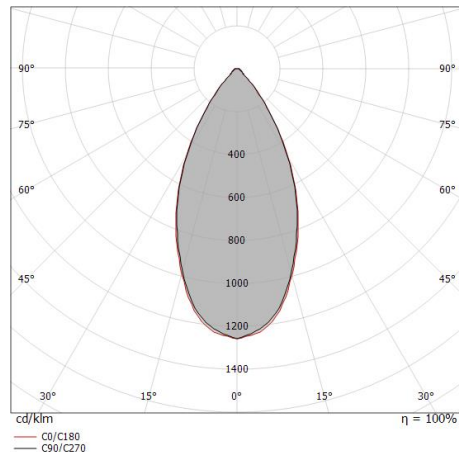
Single emission recessed downlights for indoor application. The natural white LED light source with a wide flood light distribution is composed of 1 arrayed LEDs with CCT of 4000 K and a CRI 90; the source luminous flux is 805 lm, with a 127.8 lm/W nominal luminous efficacy.

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 6.3 W. The power supply cable is included and features a 0.1 m length.

The device features protection class III and can be ceiling-mounted with an outer casing, code C-C100006(for concrete or masonry).

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



| Distance [m] | Cone diameter [m] | illuminance [lx] |
|--------------|-------------------|---------------------------------------|
| 0.5 | 0.48 0.48 | E(0°) 2161 E(C90) 796 E(C0) 792 |
| 1.0 | 0.95 0.97 | E(0°) 540 E(C90) 199 E(C0) 198 |
| 1.5 | 1.43 1.45 | E(0°) 240 E(C90) 88 E(C0) 88 |
| 2.0 | 1.91 1.83 | E(0°) 135 E(C90) 50 E(C0) 49 |
| 2.5 | 2.38 2.42 | E(0°) 86 E(C90) 32 E(C0) 32 |
| 3.0 | 2.86 2.90 | E(0°) 60 E(C90) 22 E(C0) 22 |

— C0/C180 (Half-peak divergence: 51.6°)
— C90/C270 (Half-peak divergence: 51.0°)

Energy efficiency class

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

Illuminotechnical Features

| | |
|--|----------------|
| Light Output Ratio (LOR) | 53 % |
| Source lumens | 805 lm |
| Delivered lumens | 431 lm |
| Consumption | 6.5 W |
| Luminaire efficacy | 66 lm/W |
| Colour temperature | 4000 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

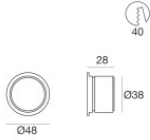
L70 B10 C0 134020h (at Tj 65 Ta 25)

UGR

| | |
|-------------------|----------|
| UGR axial | 23.3 |
| UGR transversal | 23.2 |
| X=4H Y=8H | S=0.25H |
| Reflection factor | 70/50/20 |

OPTICAL

| | |
|-----------------------------|-------------|
| C0/C180 optics | 51° |
| Light distribution symmetry | Symmetrical |

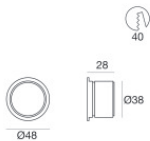


Outer casing - outer casing

installation position: ceiling; type of installation: drywall L=48mm, H=28mm, D=48mm.

Material:Aluminium, colour:White RAL 9003, processing:Coating.

| Finish | Code |
|--------|-------|
| White | 98530 |

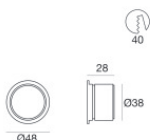


Outer casing - outer casing

installation position: ceiling, floor; type of installation: drywall L=48mm, H=28mm, D=48mm.

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

| Finish | Code |
|--------|-------|
| Black | 98531 |

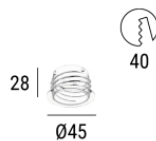


Outer casing - outer casing

installation position: ceiling; type of installation: drywall L=42mm, H=28mm, D=42mm.

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

| Finish | Code |
|--------|-------|
| Gold | 98532 |



Outer casing - Frameless outer-casing

installation position: ceiling; type of installation: drywall L=45mm, H=28mm, D=45mm.

Material:PC, colour:transparent.

| Finish | Code |
|---------|-----------|
| Transp. | C-C100006 |