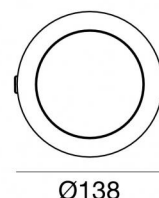
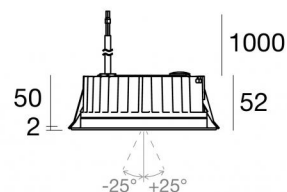




Downlights | 1 arrayLED 13 W DC 350 mA | CRI 80
81245N30



| Technical data | |
|--|------------------------|
| Type | Encasement with flange |
| Installation position | Ceiling |
| Installation environment | Outdoor |
| Light Source | LED |
| Circuit structure | arrayLED |
| Optics | Medium Flood |
| Light emission direction | downward |
| Nominal power | 13 W DC |
| Source lumens | 2156 lm |
| Input voltage range | 350mA |
| CCT / Tone | 4000 K |
| Colour rendering index | 80 Ra |
| C.C. / C.V. | CC |
| Safety class | 3 |
| IP | IP67 |
| IK | IK10 |
| 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 (vertical plane) | 50 ° |
| Walk-over | No |
| Drive-over | No |
| Cable included | Yes |
| Cable length | 1 m |
| Resin potting | Yes |
| Type of light emission | Single emission |
| Net weight | 0.9 Kg |
| Electrostatic discharge protection | No |
| Surge protection | No |
| Product technological characteristics | Acquastop |

Finishing casing

| | |
|------------|--------------------------------------|
| Material | Die-cast Aluminium EN AB - 46100 |
| Colour | black |
| Processing | Open pore anodizing + Powder Coating |

Finishing diffuser

| | |
|------------|------------------------------|
| Material | Extra clear glass - Tempered |
| Colour | transparent |
| Processing | Silk-screening |

Finishing flange

| | |
|------------|-----------------|
| Material | AISI 316L steel |
| Colour | steel |
| Processing | Brushing |

Electronics



C-E200006
On/Off Driver 198~264V AC / 180~275V DC (1 art.)

Cables Electrification

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



Downlights | 1 arrayLED 13 W DC 350 mA | CRI 80 | Base 81245N30

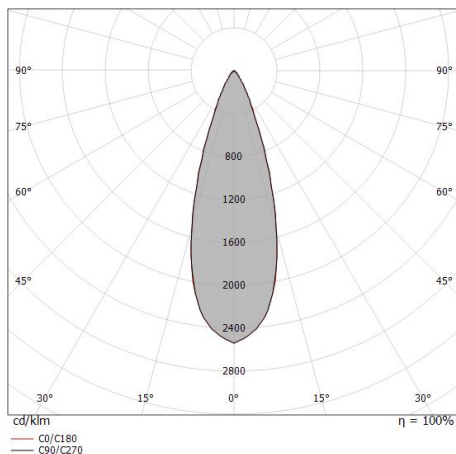
Single emission recessed downlights for outdoor application. The natural white LED light source with a medium flood light distribution is composed of 1 arrayed LEDs with CCT of 4000 K and a CRI 80; the source luminous flux is 2156 lm, with a 165.8 lm/W nominal luminous efficacy.

The device body is made of die-cast aluminium en ab - 46100 and features a black finish, processed by means of open pore anodizing + powder coating; the diffuser is made of extra clear glass - tempered with a silk-screening treatment. The ingress protection degree is IP67; the total weight is of 0.9 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 13 W. The power supply cable is included and features a 1 m length.

The device features protection class III and can be ceiling-mounted, with a 127 mm diameter hole (in plasterboard) with an outer casing, code 99749(for concrete or masonry).

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



| Distance [m] | Cone diameter [m] | illuminance [lx] |
|--------------|-------------------|--|
| 0.5 | 0.30 0.30 | E(0°) 14382 E(C90) 6362 E(C0) 6319 |
| 1.0 | 0.60 0.61 | E(0°) 3595 E(C90) 1591 E(C0) 1580 |
| 1.5 | 0.91 0.91 | E(0°) 1598 E(C90) 707 E(C0) 702 |
| 2.0 | 1.21 1.22 | E(0°) 899 E(C90) 398 E(C0) 395 |
| 2.5 | 1.51 1.52 | E(0°) 575 E(C90) 254 E(C0) 253 |
| 3.0 | 1.81 1.82 | E(0°) 399 E(C90) 177 E(C0) 176 |

— C0/C180 (Half-peak divergence: 33.8°)
— C90/C270 (Half-peak divergence: 33.6°)

Energy efficiency class

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

Illuminotechnical Features

| | |
|---------------------------------------|----------------|
| Light Output Ratio (LOR) | 65 % |
| Source lumens | 2156 lm |
| Delivered lumens | 1418 lm |
| Consumption | 12 W |
| Luminaire efficacy | 118 lm/W |
| Colour temperature | 4000 K |
| Standard Deviation of Colour Matching | 2 Step MacAdam |
| Colour rendering index | 80 Ra |

Standard Operating Ambient Temperature -20 / +50°C

Ordinary temperature on the glass 40°C

LED Life / Failure Ratio

L70 B10 C0 252000h (at Tj 65 Ta 25)

UGR

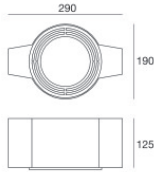
| | |
|-------------------|----------|
| UGR axial | 15.4 |
| UGR transversal | 15 |
| X=4H Y=8H | S=0.25H |
| Reflection factor | 70/50/20 |

OPTICAL

| | |
|-----------------------------|-------------|
| C0/C180 optics | 34° |
| Light distribution simmetry | Symmetrical |

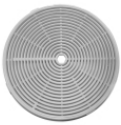


Orma_CJ | Downlights | Accessories
81245N30



Outer casing - (to be completed with universal grill 99750)
installation position: ceiling; type of installation: masonry L=290mm, H=125mm, D=190mm

Code
99749



Accessories for outer casings - Universal grille for outer casing 99749

Code
99750