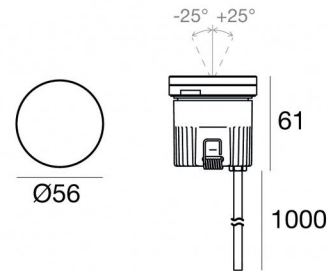




Uplights | 1 x powerLED 4 W DC 350 mA | CRI 80
82663N15



| Technical data | |
|--|------------------------|
| Type | Walk Over |
| Installation position | Floor |
| Installation environment | Outdoor |
| Light Source | LED |
| Circuit structure | powerLED |
| Optics | Spot |
| Light emission direction | upward |
| Nominal power | 4 W DC |
| Source lumens | 529 lm |
| Input voltage range | 350mA |
| CCT / Tone | 4000 K |
| Colour rendering index | 80 Ra |
| C.C. / C.V. | CC |
| Safety class | 3 |
| IP | IP68 |
| Installation limitations | Not for underwater use |
| 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 | Yes |
| Drive-over | 2000 Kg |
| Cable included | Yes |
| Cable length | 1 m |
| Resin potting | Yes |
| Type of light emission | Single emission |
| Net weight | 0.2 Kg |
| Electrostatic discharge protection | No |
| Surge protection | No |
| Product technological characteristics | Acquastop - TVS |

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 |

Electronics



89421
On/Off Driver 198-264V AC / 176-275V DC (1 art.)



C-E200006
On/Off Driver 198-264V AC / 180-275V DC (2 - 3 art.)

Cables Electrification

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



Uplights | 1 x powerLED 4 W DC 350 mA | CRI 80 | Base 82663N15

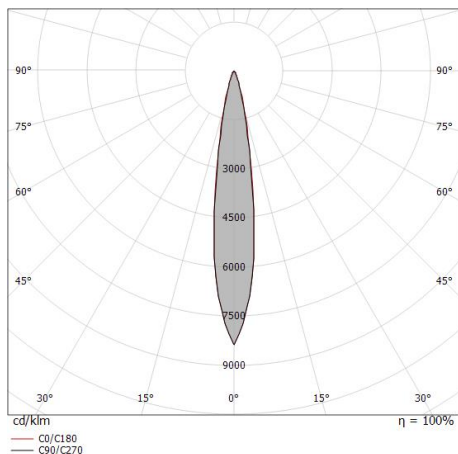
Single emission uplights for outdoor application. The natural white LED light source with a spot light distribution is composed of 1 powerLEDs with CCT of 4000 K and a CRI 80; the source luminous flux is 529 lm, with a 132.3 lm/W nominal luminous efficacy.

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 IP68; the total weight is of 0.2 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 4 W. The power supply cable is included and features a 1 m length.

The device features protection class III and can be floor-mounted with an outer casing, code 83038(for concrete or masonry).

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



| Distance [m] | Cone diameter [m] | illuminance [lx] |
|--------------|-------------------|--|
| 0.5 | 0.14 0.14 | E(0°) 13126 E(C90) 8.1° 6429 E(C0) 8.2° 6429 |
| 1.0 | 0.28 0.29 | E(0°) 3281 E(C90) 8.1° 1607 E(C0) 8.2° 1607 |
| 1.5 | 0.43 0.43 | E(0°) 1458 E(C90) 8.1° 714 E(C0) 8.2° 714 |
| 2.0 | 0.57 0.58 | E(0°) 820 E(C90) 8.1° 402 E(C0) 8.2° 402 |
| 2.5 | 0.71 0.72 | E(0°) 525 E(C90) 8.1° 257 E(C0) 8.2° 257 |
| 3.0 | 0.85 0.86 | E(0°) 365 E(C90) 8.1° 179 E(C0) 8.2° 179 |

— C0/C180 (Half-peak divergence: 16.4°)
— C90/C270 (Half-peak divergence: 16.2°)

Energy efficiency class

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

Illuminotechnical Features

| | |
|--|----------------|
| Light Output Ratio (LOR) | 74 % |
| Source lumens | 529 lm |
| Delivered lumens | 392 lm |
| Consumption | 4 W |
| Luminaire efficacy | 98 lm/W |
| Colour temperature | 4000 K |
| Standard Deviation of Colour Matching | 3 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 247450h (at Tj 60 Ta 25)

UGR

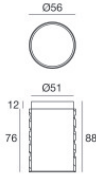
| | |
|-------------------|----------|
| UGR axial | 9.6 |
| UGR transversal | 10.3 |
| X=4H Y=8H | S=0.25H |
| Reflection factor | 70/50/20 |

OPTICAL

| | |
|-----------------------------|-------------|
| C0/C180 optics | 16° |
| Light distribution simmetry | Symmetrical |



Orma_FJ | Uplights | Accessories
82663N15



Outer casing

installation position: floor, land; type of installation: masonry L=56mm, H=88mm, D=56mm.

Material:ABS Plastic, colour:black.

Code

99922



Outer casing

installation position: floor, land; type of installation: masonry L=97mm, H=88mm, D=97mm.

Material:ABS Plastic, colour:black.

Code

83038