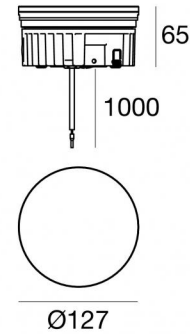




Uplights | 1 x powerLED 5 W DC 24 V | CRI 80  
82696M00



| Technical data                                 |                        |
|--|------------------------|
| Type   | Walk Over              |
| Installation position                          | Floor                  |
| Installation environment                       | Outdoor                |
| Light Source                                   | LED                    |
| Circuit structure                              | powerLED               |
| Optics   | Diffused               |
| Light emission direction                       | upward                 |
| Nominal power                                  | 5 W DC                 |
| Source lumens                                  | 490 lm                 |
| Input voltage range                            | 24 V                   |
| CCT / Tone                                     | 2700 K                 |
| Colour rendering index                         | 80 Ra                  |
| C.C. / C.V.                                    | CV                     |
| 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                     |
| C.V. - C.C. Converter                          | Converter 24V included |
| Dimmable article                               | No                     |
| Directional                                    | No                     |
| Tilting  | No                     |
| Walk-over                                      | Yes                    |
| 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 - TVS        |

#### Finishing casing

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

#### Finishing diffuser

|            |                    |
|------------|--------------------|
| Material   | Glass - Tempered   |
| Colour     | Opal white         |
| Processing | Anti-slip painting |

#### Electronics



89488  
On/Off Driver 190~250V AC / 180~275V DC 15 W (1 - 3 art.)



89179  
On/Off Driver 198~264V AC 24 W (1 - 4 art.)



89359  
On/Off Driver 198~264V AC / 180~275V DC 48 W (1 - 9 art.)



99331  
On/Off Driver 198~264V AC / 180~275V DC 150 W (1 - 30 art.)



99660  
DALI - 1-10V Controller 24V DC 216 W (- art.)



C-E500023  
DALI - 1-10V - Push and Simply Dim Controller 8~53V DC 576 W (- art.)

#### Cables Electrification

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

## Uplights | 1 x powerLED 5 W DC 24 V | CRI 80 | Base 82696M00

Single emission uplights for outdoor application. The super warm white LED light source with a diffused light distribution is composed of 1 powered LEDs with CCT of 2700 K and a CRI 80; the source luminous flux is 490 lm, with a 98.0 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 glass - tempered with a anti-slip painting treatment. The ingress protection degree is IP68; the total weight is of 0.9 kg.

The total absorbed power is 5 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 83040(for concrete or masonry).

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

### Energy efficiency class

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

### Illuminotechnical Features

|                                       |                |
|---------------------------------------|----------------|
| Light Output Ratio (LOR)              | 10 %           |
| Source lumens                         | 490 lm         |
| Delivered lumens                      | 50 lm          |
| Consumption                           | 5 W            |
| Luminaire efficacy                    | 10 lm/W        |
| Colour temperature                    | 2700 K         |
| Standard Deviation of Colour Matching | 3 Step MacAdam |
| Colour rendering index                | 80 Ra          |
| Black Body Locus                      | On             |

|  |             |
|--|-------------|
| Standard Operating Ambient Temperature | -20 / +50°C |
| Ordinary temperature on the glass      | 40°C        |

### LED Life / Failure Ratio

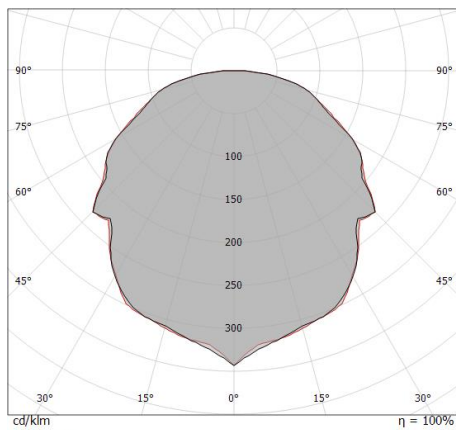
L70 B10 C0 247450h (at Tj 60 Ta 25 )

### UGR

|                   |          |
|-------------------|----------|
| UGR axial         | 18.8     |
| UGR transversal   | 18.8     |
| X=4H   Y=8H       | S=0.25H  |
| Reflection factor | 70/50/20 |

### OPTICAL

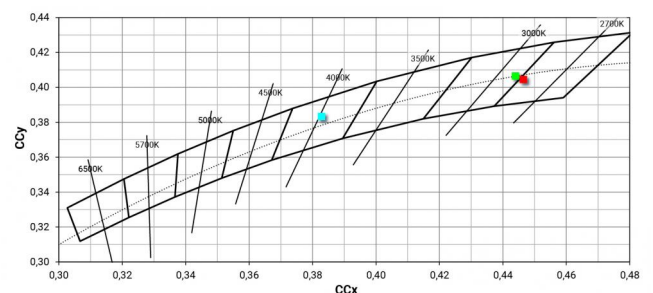
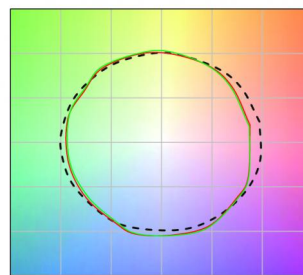
|                             |             |
|-----------------------------|-------------|
| C0/C180 optics              | 115°        |
| Light distribution simmetry | Symmetrical |



| Distance [m] | Cone diameter [m] | Illuminance [lx] | E(0°) | E(C90) | E(C0) |
|--------------|-------------------|------------------|-------|--------|-------|
| 0.5          | 1.58              | 1.58             | 69    | 57.7°  | 57.6° |
| 1.0          | 3.16              | 3.15             | 17    | 57.7°  | 57.6° |
| 1.5          | 4.75              | 4.73             | 8     | 57.7°  | 57.6° |
| 2.0          | 6.33              | 6.30             | 4     | 57.7°  | 57.6° |
| 2.5          | 7.91              | 7.88             | 3     | 57.7°  | 57.6° |
| 3.0          | 9.49              | 9.45             | 2     | 57.7°  | 57.6° |

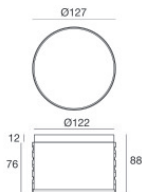
— C0/C180 (Half-peak divergence: 115.2°)  
— C90/C270 (Half-peak divergence: 115.4°)

### COLOR VECTOR GRAPHIC





Orma\_FL | Uplights | Accessories  
82696M00



Outer casing

installation position: floor, land; type of installation: masonry L=127mm, H=88mm, D=127mm.

Material:ABS Plastic, colour:black.

**Code**

99924



Outer casing

installation position: floor, land; type of installation: masonry L=127mm, H=88mm, D=127mm.

Material:ABS Plastic, colour:black.

**Code**

83040



Tool - Suction cup + double-sided tape

Material:plastic, colour:orange, processing:Coating.

**Code**

C-K400101