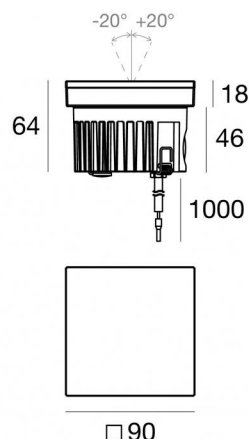




Uplights | 1 arrayLED 9 W DC 24 V | CRI 80  
77319N30



| Technical data                                 |                        |
|--|------------------------|
| Type   | Walk Over              |
| Installation position                          | Floor                  |
| Installation environment                       | Outdoor                |
| Light Source                                   | LED                    |
| Circuit structure                              | arrayLED               |
| Optics   | Flood                  |
| Light emission direction                       | upward                 |
| Nominal power                                  | 9 W DC                 |
| Source lumens                                  | 1188 lm                |
| Input voltage range                            | 24 V                   |
| CCT / Tone                                     | 4000 K                 |
| Colour rendering index                         | 80 Ra                  |
| C.C. / C.V.                                    | CV                     |
| Safety class                                   | 3                      |
| IP   | IP67                   |
| 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                               | DALI - 1-10V           |
| Directional                                    | No                     |
| Tilting  | Yes                    |
| total angle (vertical plane)                   | 40 °                   |
| 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                                     | 0.65 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



89179  
On/Off Driver 198~264V AC 24 W



89359  
On/Off Driver 198~264V AC / 180~275V DC 48 W



99331  
On/Off Driver 198~264V AC / 180~275V DC 150 W



99660  
DALI - 1-10V Controller 24V DC 216 W



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

### Cables Electrification

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



Uplights | 1 arrayLED 9 W DC 24 V | CRI 80 | Base  
77319N30

Single emission uplights for outdoor application. The natural white LED light source with a flood light distribution is composed of 1 arrayed LEDs with CCT of 4000 K and a CRI 80; the source luminous flux is 1188 lm, with a 132.0 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 extra clear glass - tempered with a silk-screening treatment. The ingress protection degree is IP67; the total weight is of 0.65 kg.

The total absorbed power is 9 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 C-C100003(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)              | 72 %           |
| Source lumens                         | 1188 lm        |
| Delivered lumens                      | 860 lm         |
| Consumption                           | 9 W            |
| Luminaire efficacy                    | 95 lm/W        |
| Colour temperature                    | 4000 K         |
| Standard Deviation of Colour Matching | 2 Step MacAdam |
| Colour rendering index                | 80 Ra          |
| Black Body Locus                      | On             |

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

### LED Life / Failure Ratio

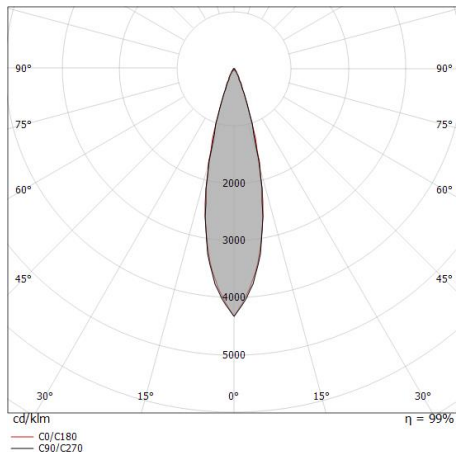
L70 B10 C0 252000h (at Tj 65 Ta 25 )

### UGR

|                   |          |
|-------------------|----------|
| UGR axial         | 8.5      |
| UGR transversal   | 8.8      |
| X=4H   Y=8H       | S=0.25H  |
| Reflection factor | 70/50/20 |

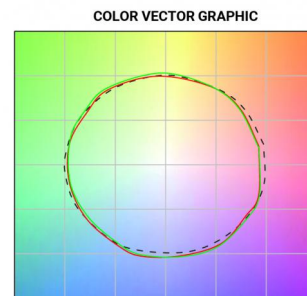
### OPTICAL

|                             |             |
|-----------------------------|-------------|
| C0/C180 optics              | 26°         |
| Light distribution simmetry | Symmetrical |



| Distance [m] | Cone diameter [m] | illuminance [lx]                         |
|--------------|-------------------|--|
| 0.5          | 0.23<br>0.23      | E(0°) 14865<br>E(C90) 6927<br>E(C0) 6894 |
| 1.0          | 0.46<br>0.46      | E(0°) 3716<br>E(C90) 1732<br>E(C0) 1724  |
| 1.5          | 0.69<br>0.69      | E(0°) 1652<br>E(C90) 770<br>E(C0) 766    |
| 2.0          | 0.92<br>0.92      | E(0°) 929<br>E(C90) 433<br>E(C0) 431     |
| 2.5          | 1.15<br>1.15      | E(0°) 595<br>E(C90) 277<br>E(C0) 276     |
| 3.0          | 1.37<br>1.39      | E(0°) 413<br>E(C90) 192<br>E(C0) 192     |

— C0/C180 (Half-peak divergence: 26.0°)  
— C90/C270 (Half-peak divergence: 25.8°)



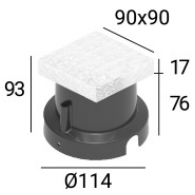


Orma\_QFJ | Uplights | Accessories  
**77319N30**



Tool - Suction cup for product extraction  
Material:plastic, colour:orange, processing:Coating.

**Code**  
83235



Outer casing  
installation position: floor, land; type of installation: masonry L=114mm, H=93mm,  
D=114mm.  
Material:ABS Plastic, colour:black.

**Code**  
C-C100003