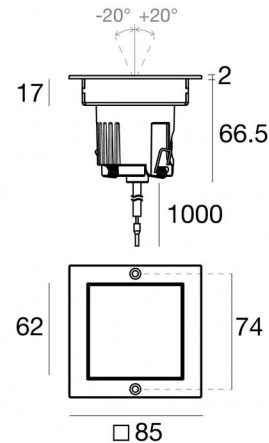




Uplights | 1 arrayLED 5 W DC 24 V | CRI 80  
77298N15



Technical data	
Type	Walk Over
Installation position	Floor
Installation environment	Outdoor
Light Source	LED
Circuit structure	arrayLED
Optics	Spot
Light emission direction	upward
Nominal power	5 W DC
Source lumens	660 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	0.45 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

#### Finishing flange

Material	AISI 316 steel
Colour	steel
Processing	Brushing

#### Electronics



89488  
On/Off Driver 190~250V AC / 180~275V DC 15 W (1 - 2 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 / 176~275V 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
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## Uplights | 1 arrayLED 5 W DC 24 V | CRI 80 | Base 77298N15

Single emission uplights for outdoor application. The natural white LED light source with a spot light distribution is composed of 1 arrayed LEDs with CCT of 4000 K and a CRI 80; the source luminous flux is 660 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 0.45 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 83411(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)	60 %
Source lumens	660 lm
Delivered lumens	398 lm
Consumption	5 W
Luminaire efficacy	79 lm/W
Colour temperature	4000 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	50°C

### LED Life / Failure Ratio

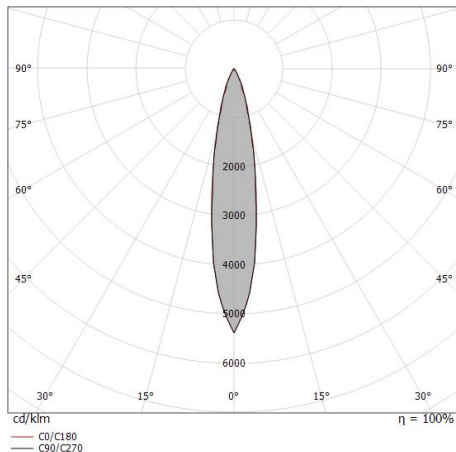
L70 B10 C0 130200h

### UGR

UGR axial	11.9
UGR transversal	11.9
X=4H   Y=8H	S=0.25H
Reflection factor	70/50/20

### OPTICAL

C0/C180 optics	19°
Light distribution symmetry	Symmetrical



Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	0.17	E(0°) 8551 E(C90) 4141 E(C0) 4143
1.0	0.33	E(0°) 2138 E(C90) 1035 E(C0) 1036
1.5	0.50	E(0°) 950 E(C90) 460 E(C0) 460
2.0	0.67	E(0°) 534 E(C90) 259 E(C0) 259
2.5	0.84	E(0°) 342 E(C90) 166 E(C0) 166
3.0	1.00	E(0°) 238 E(C90) 115 E(C0) 115

— C0/C180 (Half-peak divergence: 19.2°)  
— C90/C270 (Half-peak divergence: 19.0°)

### COLOR VECTOR GRAPHIC





Orma\_QJ | Uplights | Accessories  
**77298N15**



Outer casing

installation position: floor, land; type of installation: masonry L=97mm, H=93mm, D=97mm.

Material:ABS Plastic, colour:black.

**Code**

83411