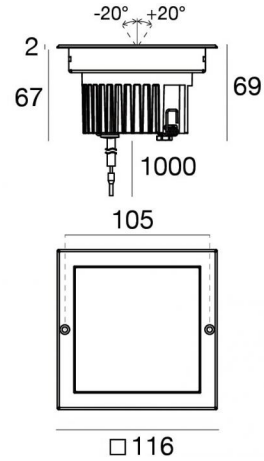




Uplights | 1 arrayLED 9 W DC 24 V | CRI 80  
77318W15



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	9 W DC
Source lumens	1320 lm
Input voltage range	24 V
CCT / Tone	3000 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	0.9 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	Extra clear glass - Tempered
Colour	transparent
Processing	Silk-screening

### Finishing flange

Material	AISI 316 steel
Colour	steel
Processing	Brushing

### Electronics



89179  
On/Off Driver 198-264V AC 24 W (1 - 2 art.)



89359  
On/Off Driver 198-264V AC / 180-275V DC 48 W (1 - 5 art.)



99331  
On/Off Driver 198-264V AC / 176-275V DC 150 W (1 - 16 art.)



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



83042  
1-10V - Push and Simply Dim - DALI-2 Controller (- art.)



## Uplights | 1 arrayLED 9 W DC 24 V | CRI 80 | Base 77318W15

Single emission uplights for outdoor application. The warm white LED light source with a spot light distribution is composed of 1 arrayed LEDs with CCT of 3000 K and a CRI 80; the source luminous flux is 1320 lm, with a 146.7 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 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 83410(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)	59 %
Source lumens	1320 lm
Delivered lumens	784 lm
Consumption	9 W
Luminaire efficacy	87 lm/W
Colour temperature	3000 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	50°C

### LED Life / Failure Ratio

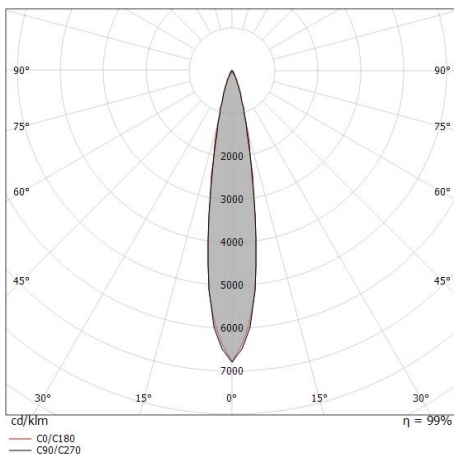
L70 B10 C0 252000h (at Tj 65 Ta 25 )

### UGR

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

### OPTICAL

C0/C180 optics	18°
Light distribution simmetry	Symmetrical



Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	0.16 0.16	E(0°) 21288 E(C90) 8.9° 10433 E(C0) 9.0° 10394
1.0	0.31 0.32	E(0°) 5322 E(C90) 8.9° 2608 E(C0) 9.0° 2598
1.5	0.47 0.48	E(0°) 2365 E(C90) 8.9° 1159 E(C0) 9.0° 1155
2.0	0.63 0.63	E(0°) 1331 E(C90) 8.9° 652 E(C0) 9.0° 650
2.5	0.78 0.79	E(0°) 852 E(C90) 8.9° 417 E(C0) 9.0° 416
3.0	0.94 0.95	E(0°) 591 E(C90) 8.9° 290 E(C0) 9.0° 289

Distance [m]      Cone diameter [m]      illuminance [lx]

— C0/C180 (Half-peak divergence: 18.0°)  
— C90/C270 (Half-peak divergence: 17.8°)



Orma\_QJ | Uplights | Accessories  
**77318W15**



Outer casing

installation position: floor, land; type of installation: masonry L=114mm, H=93mm,  
D=114mm.

Material:ABS Plastic, colour:black.

**Code**

83410