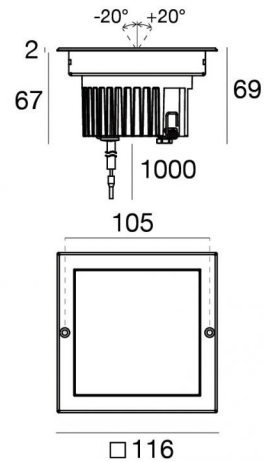




Uplights | 1 arrayLED 8 W DC 220 mA | CRI 80
77316N15



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	8 W DC
Source lumens	1212 lm
Input voltage range	220mA
CCT / Tone	4000 K
Colour rendering index	80 Ra
C.C. / C.V.	CC
Safety class	3
IP	IP67
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)	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
Optics technology	Honey comb
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



99342
On/Off Driver 198-264V AC (1 art.)



Uplights | 1 arrayLED 8 W DC 220 mA | CRI 80 | Base 77316N15

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 1212 lm, with a 151.5 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 power supply driver is not provided and is to be ordered separately.

The total absorbed power is 8 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)	46 %
Source lumens	1212 lm
Delivered lumens	567 lm
Consumption	8 W
Luminaire efficacy	70 lm/W
Colour temperature	4000 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

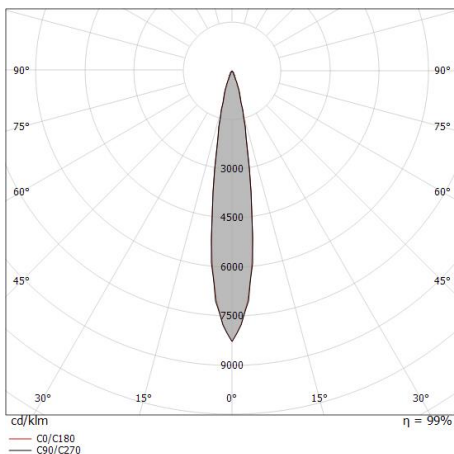
L70 B10 C0 252000h (at Tj 65 Ta 25)

UGR

UGR axial	7.3
UGR transversal	7.2
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

C0/C180 optics	17°
Light distribution simmetry	Symmetrical



Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	0.15 0.15	E(0°) 18730 E(C90) 8.4° 9136 E(C0) 8.3° 9223
1.0	0.30 0.29	E(0°) 4682 E(C90) 8.4° 2284 E(C0) 8.3° 2306
1.5	0.44 0.44	E(0°) 2081 E(C90) 8.4° 1015 E(C0) 8.3° 1025
2.0	0.59 0.58	E(0°) 1171 E(C90) 8.4° 571 E(C0) 8.3° 576
2.5	0.74 0.73	E(0°) 749 E(C90) 8.4° 365 E(C0) 8.3° 369
3.0	0.89 0.88	E(0°) 520 E(C90) 8.4° 254 E(C0) 8.3° 256

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

— C0/C180 (Half-peak divergence: 16.6°)
— C90/C270 (Half-peak divergence: 16.8°)



Orma_QJ | Uplights | Accessories
77316N15



Outer casing

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

Material:ABS Plastic, colour:black.

Code

83410