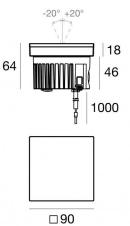
# Orma\_QFJ



Technical data	
Туре	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	1080 lm
Input voltage range	24 V
CCT / Tone	2700 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
Optics technology	Honey comb





Finishing casin	g
Material	Die-cast Aluminium EN AB - 46100
Colour	black
Processing	Open pore anodizing + Powder Coating
Finishing diffus	er
Material	Extra clear glass - Tempered
Colour	transparent
Processing	Silk-screening
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.)



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

### Cables Electrification

No

Cable connector

## Uplights | 1 arrayLED 9 W DC 24 V | CRI 80 | Base 77321M15

Single emission uplights for outdoor application. The super warm white LED light source with a spot light distribution is composed of 1 arrayled LEDs with CCT of 2700 K and a CRI 80; the source luminous flux is 1080 lm, with a 120.0 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 F.

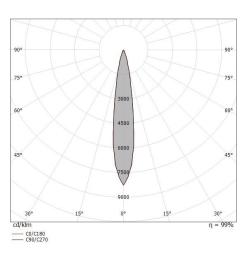
Illuminotechnical Features	
Light Output Ratio (LOR)	54 %
Source lumens	1080 lm
Delivered lumens	592 lm
Consumption	9 W
Luminaire efficacy	65 lm/W
Colour temperature	2700 K
Standard Deviation of Colour Matching	2 Step MacAdam
Colour rendering index	80 Ra
Black Body Locus	On
Standard Operating Ambient Temperature	-20 / +50°C
Ordinary temperature on the glass	50°C

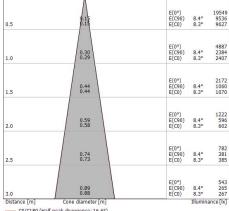
### LED Life / Failure Ratio

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

UGR	
UGR axial	7.4
UGR transversal	7.3
X=4H   Y=8H	S=0.25H
Reflection factor	70/50/20

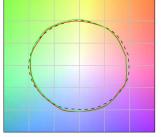
OPTICAL	
C0/C180 optics	17°
Light distribution simmetry	Symmetrical

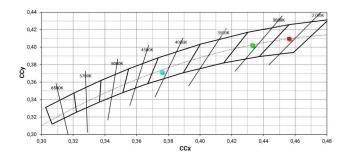




C0/C180 (Half-peak divergence: 16.6°) C90/C270 (Half-peak divergence: 16.8°)

COLOR VECTOR GRAPHIC





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Orma\_QFJ | Uplights | Accessories 77321M15

