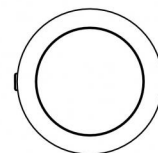
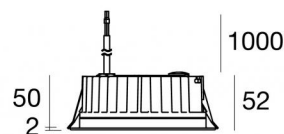




Downlights | 1
+ 1 arrayLED 26 W DC 24 V | CRI 80

81238W15



Ø138

Technical data	
Type	Encasement with flange
Installation position	Ceiling
Installation environment	Outdoor
Light Source	LED
Circuit structure	arrayLED
Optics	Spot + Spot
Light emission direction	downward + downward
Nominal power	26 W DC
Source lumens	3918 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	No
Walk-over	No
Drive-over	No
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

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 316L steel
Colour	steel
Processing	Brushing

Electronics



89488
On/Off Driver 190-250V AC / 180-275V DC 15 W (1 art.)



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



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



99331
On/Off Driver 198-264V AC / 176-275V DC 150 W (1 - 5 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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Downlights | 1 + 1 arrayLED 26 W DC 24 V | CRI 80 | Base 81238W15

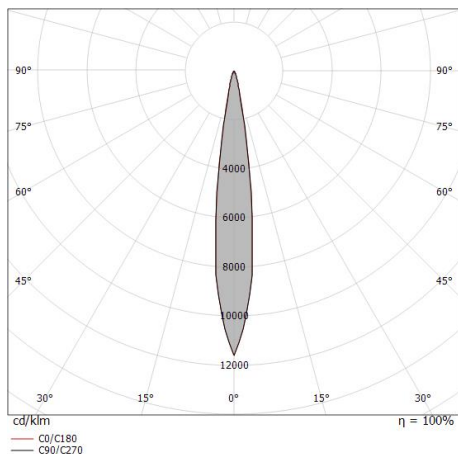
Single emission recessed downlights for outdoor application. The warm white LED light source with a spot light distribution is composed of 1 arrayed LEDs with CCT of 3000 K and a CRI 80; the source luminous flux is 1959 lm, with a 150.7 lm/W nominal luminous efficacy. The warm white LED light source 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 1959 lm, with a 150.7 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 26 W. The power supply cable is included and features a 1 m length.

The device features protection class III and can be ceiling-mounted, with a 127 mm diameter hole (in plasterboard) with an outer casing, code 99749(for concrete or masonry).

Compliant with the EN 60598-1 standard and its specific provisions.



Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	0.13 0.12	E(0°) 67493 E(C90) 7.2° 33409 E(C0) 7.1° 33523
1.0	0.25 0.25	E(0°) 16873 E(C90) 7.2° 8352 E(C0) 7.1° 8381
1.5	0.38 0.37	E(0°) 7499 E(C90) 7.2° 3712 E(C0) 7.1° 3725
2.0	0.51 0.50	E(0°) 4218 E(C90) 7.2° 2088 E(C0) 7.1° 2095
2.5	0.63 0.62	E(0°) 2700 E(C90) 7.2° 1336 E(C0) 7.1° 1341
3.0	0.76 0.75	E(0°) 1875 E(C90) 7.2° 928 E(C0) 7.1° 931

— C0/C180 (Half-peak divergence: 14.2°)
— C90/C270 (Half-peak divergence: 14.4°)

Energy efficiency class

This product contains 2 light sources of energy efficiency class E.

Illuminotechnical Features

Light Output Ratio (LOR)	37 %
Source lumens	3918 lm
Delivered lumens	1455 lm
Consumption	13 W
Luminaire efficacy	111 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	40°C

LED Life / Failure Ratio

L70 B10 C0 296960h (at Tj 65 Ta 25)

UGR

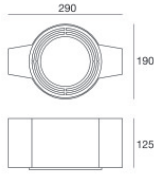
UGR axial	12.9
UGR transversal	13
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

C0/C180 optics	14°
Light distribution simmetry	Symmetrical



Orma_C | Downlights | Accessories
81238W15



Outer casing - (to be completed with universal grill 99750)
installation position: ceiling; type of installation: masonry L=290mm, H=125mm, D=190mm

Code
99749



Accessories for outer casings - Universal grille for outer casing 99749

Code
99750