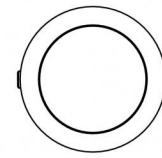
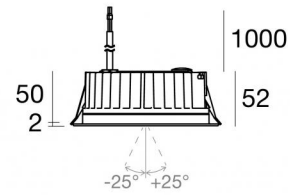




Downlights | 1  
+ 1 arrayLED 26 W DC 24 V | CRI 80  
**82455N30**



Ø138

Technical data	
Type	Encasement with flange
Installation position	Ceiling
Installation environment	Outdoor
Light Source	LED
Circuit structure	arrayLED
Optics	Flood + Flood
Light emission direction	downward + downward
Nominal power	26 W DC
Source lumens	4020 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)	50 °
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
Optics technology	Honey comb
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 art.)



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



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

### Cables Electrification

Cable connector	No
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## Downlights | 1 + 1 arrayLED 26 W DC 24 V | CRI 80 | Base 82455N30

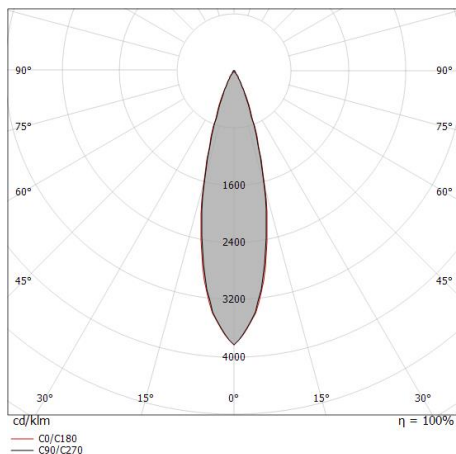
Single emission recessed downlights for outdoor application. The natural white LED light source with a flood light distribution is composed of 1 arrayed LEDs with CCT of 4000 K and a CRI 80; the source luminous flux is 2010 lm, with a 154.6 lm/W nominal luminous efficacy. The natural white LED light source with a flood light distribution is composed of 1 arrayed LEDs with CCT of 4000 K and a CRI 80; the source luminous flux is 2010 lm, with a 154.6 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	0.24 0.24	E(0°) 15417 E(C90) 13.3° 7161 E(C0) 13.6° 7124
1.0	0.47 0.48	E(0°) 3854 E(C90) 13.3° 1790 E(C0) 13.6° 1781
1.5	0.71 0.73	E(0°) 1713 E(C90) 13.3° 796 E(C0) 13.6° 792
2.0	0.95 0.97	E(0°) 964 E(C90) 13.3° 448 E(C0) 13.6° 445
2.5	1.18 1.21	E(0°) 617 E(C90) 13.3° 286 E(C0) 13.6° 285
3.0	1.42 1.45	E(0°) 428 E(C90) 13.3° 199 E(C0) 13.6° 198

— C0/C180 (Half-peak divergence: 27.2°)  
- - C90/C270 (Half-peak divergence: 26.6°)

### Energy efficiency class

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

### Illuminotechnical Features

Light Output Ratio (LOR)	25 %
Source lumens	4020 lm
Delivered lumens	1006 lm
Consumption	13 W
Luminaire efficacy	77 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	40°C

### LED Life / Failure Ratio

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

### UGR

UGR axial	8.8
UGR transversal	9.2
X=4H   Y=8H	S=0.25H
Reflection factor	70/50/20

### OPTICAL

C0/C180 optics	27°
Light distribution simmetry	Symmetrical



Orma\_CJ | Downlights | Accessories  
**82455N30**



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