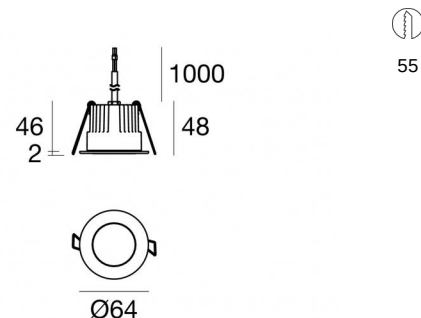


Downlights | 1 + 1 + 1 x powerLED 12 W DC 350 mA

CRI 80

81223N15



55

Technical data

Type	Encasement with flange
Installation position	Ceiling
Installation environment	Outdoor
Light Source	LED
Circuit structure	powerLED
Optics	Spot + Spot + Spot
Light emission direction	downward + downward + downward
Nominal power	12 W DC
Source lumens	1587 lm
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	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	0.2 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

Finishing flange

Material	AISI 316L steel
Colour	steel
Processing	Brushing

Electronics

89421
On/Off Driver 198~264V AC / 176~275V DC (1 art.)



C-E200006
On/Off Driver 198~264V AC / 180~275V DC (1 art.)

Cables Electrification

Cable connector	No
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Downlights | 1 + 1 + 1 x powerLED 12 W DC 350 mA | CRI 80 | Base 81223N15

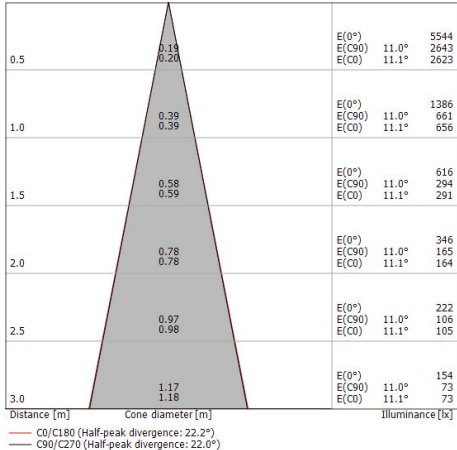
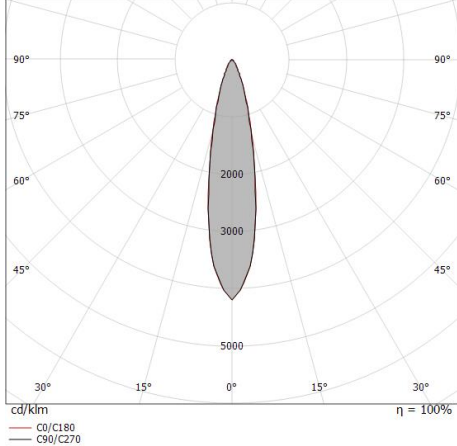
Single emission recessed downlights for outdoor application. The natural white LED light source with a spot light distribution is composed of 1 powered LEDs with CCT of 4000 K and a CRI 80; the source luminous flux is 529 lm, with a 132.3 lm/W nominal luminous efficacy The natural white LED light source with a spot light distribution is composed of 1 powered LEDs with CCT of 4000 K and a CRI 80; the source luminous flux is 529 lm, with a 132.3 lm/W nominal luminous efficacy The natural white LED light source with a spot light distribution is composed of 1 powered LEDs with CCT of 4000 K and a CRI 80; the source luminous flux is 529 lm, with a 132.3 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. The ingress protection degree is IP67; the total weight is of 0.2 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 12 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 55 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.



Energy efficiency class

This product contains 3 light sources of energy efficiency class E.

Illuminotechnical Features

Light Output Ratio (LOR)	20 %
Source lumens	1587 lm
Delivered lumens	331 lm
Consumption	4 W
Luminaire efficacy	82 lm/W
Colour temperature	4000 K
Standard Deviation of Colour Matching	3 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

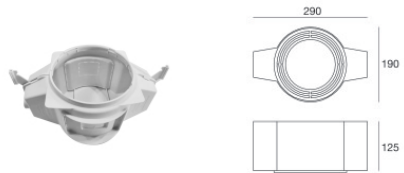
L70 B10 C0 247450h (at Tj 60 Ta 25)

UGR

UGR axial	15.8
UGR transversal	15.8
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

C0/C180 optics	22°
Light distribution simmetry	Symmetrical

	Outer casing installation position: ceiling; type of installation: masonry L=200mm, H=113mm, D=137mm. Material:polypropylene, colour:white.	Code 89373
	Outer casing installation position: ceiling; type of installation: masonry L=370mm, H=120mm, D=200mm. Material:polypropylene, colour:white.	Code 89374
	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