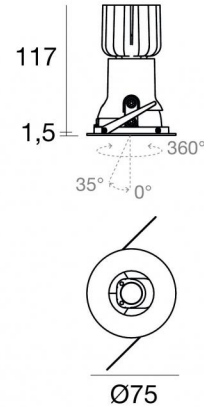




Downlights | 1 x powerLED 8 W DC 700 mA | CRI 92  
81275M15



70

Technical data	
Type	Encasement with flange
Installation position	Ceiling
Installation environment	Indoor
Light Source	LED
Circuit structure	powerLED
Optics	Spot
Light emission direction	downward
Nominal power	8 W DC
Source lumens	689 lm
Input voltage range	700mA
CCT / Tone	2700 K
Colour rendering index	92 Ra
C.C. / C.V.	CC
Safety class	3
IP	IP44
Optical compartment IP	IP65
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 (horizontal plane)	360 °
total angle (vertical plane)	35 °
Walk-over	No
Drive-over	No
Cable included	Yes
Cable length	0.170 m
Resin potting	No
Type of light emission	Single emission
Net weight	0.277 Kg
Electrostatic discharge protection	No
Surge protection	No
Product technological characteristics	TVS

### Finishing casing

Material	Die-cast Aluminium EN AB - 46100
Colour	black
Processing	Powder coating

### Finishing diffuser

Material	UV Resistant Polycarbonate
Colour	transparent

### Finishing flange

Material	Die-cast Aluminium EN AB - 46100
Colour	Black
Processing	Powder coating

### Finishing radiator

Material	Die-cast Aluminium EN AB - 46100
Colour	Aluminium
Processing	Polishing

### Electronics

	99147 On/Off Driver 198-264V AC (2 - 3 art.)
	99735 Multi Power 198-264V AC / 180-275V DC (1 art.)
	99733 1-10V Multi Power 198-264V AC / 180-275V DC (1 art.)
	C-E100012 Push and Simply Dim - DALI-2 Controller (1 art.)
	C-E100016 Push and Simply Dim - DALI-2 Controller (2 - 3 art.)

### Cables Electrification

Cable connector	No
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## Downlights | 1 x powerLED 8 W DC 700 mA | CRI 92 | Base 81275M15

Single emission recessed downlights for indoor application. The super warm white LED light source with a spot light distribution is composed of 1 powered LEDs with CCT of 2700 K and a CRI 92; the source luminous flux is 689 lm, with a 86.1 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 powder coating; the diffuser is made of uv resistant polycarbonate. The ingress protection degree is IP44; the total weight is of 0.277 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 0.170 m length.

The device features protection class III and can be ceiling-mounted, with a 70 mm diameter hole (in plasterboard) with an outer casing, code 83064(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)	51 %
Source lumens	689 lm
Delivered lumens	352 lm
Consumption	8 W
Luminaire efficacy	44 lm/W
Colour temperature	2700 K
Standard Deviation of Colour Matching	3 Step MacAdam
Colour rendering index	92 Ra
Black Body Locus	On
Standard Operating Ambient Temperature	-20 / +50°C
Ordinary temperature on the glass	40°C

### LED Life / Failure Ratio

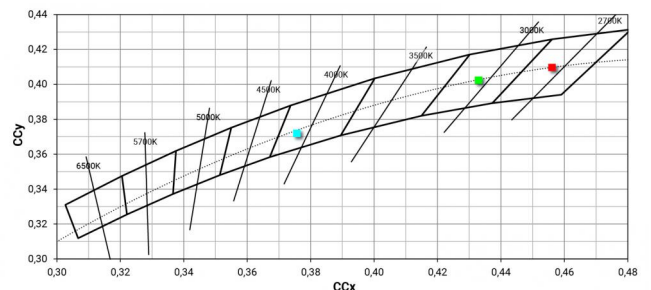
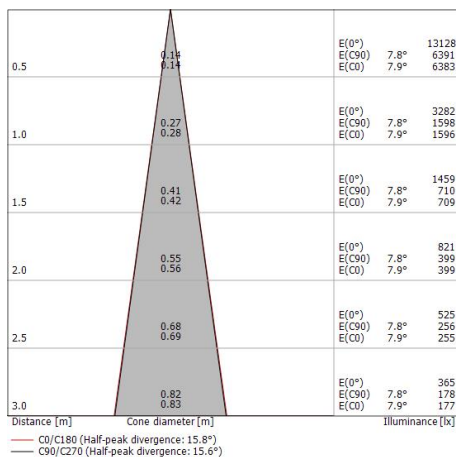
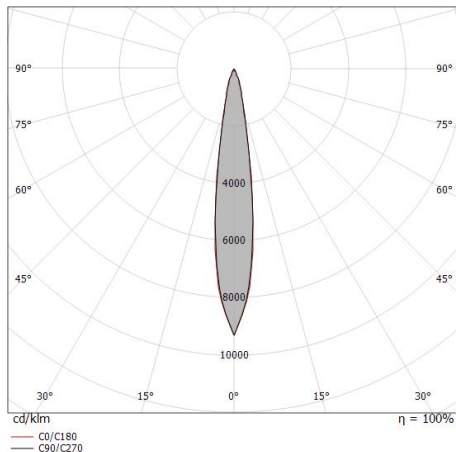
L70 B10 C0 247450h (at Tj 60 Ta 25 )

### UGR

UGR axial	10.7
UGR transversal	11
X=4H   Y=8H	S=0.25H
Reflection factor	70/50/20

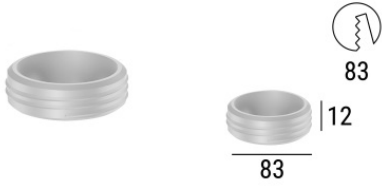
### OPTICAL

C0/C180 optics	16°
Light distribution simmetry	Symmetrical






Vos\_RJ | Downlights | Accessories  
**81275M15**



Outer casing

installation position: ceiling; type of installation: drywall L=83mm, H=12mm, D=83mm.

Material:Aluminium, colour:Anodised Aluminum, processing:Anodisation.

Finish	Code
	83064