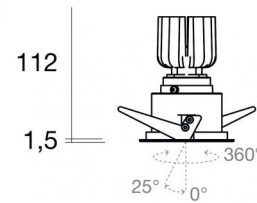
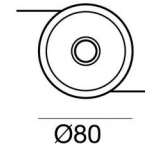




Downlights | 1 x powerLED 8 W DC 700 mA | CRI 92  
81258M15



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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)	25 °
Walk-over	No
Drive-over	No
Cable included	Yes
Cable length	0.17 m
Resin potting	No
Type of light emission	Single emission
Net weight	0.32 Kg
Electrostatic discharge protection	No
Surge protection	No
Optics technology	F.O.L.
Product technological characteristics	TVS

### Finishing casing

Material	Aluminium 6026
Colour	White
Processing	Powder coating

### Finishing diffuser

Material	UV Resistant Polycarbonate
Colour	transparent

### Finishing radiator

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

### Electronics

	99147 On/Off Driver 198-264V AC (1 - 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 (1 - 3 art.)

### Cables Electrification

Cable connector	No
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## Downlights | 1 x powerLED 8 W DC 700 mA | CRI 92 | Base 81258M15

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 aluminium 6026 and features a white 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 0.32 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 0.17 m length.

The device features protection class III and can be ceiling-mounted, with a 70 mm diameter hole (in plasterboard).

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)	73 %
Source lumens	689 lm
Delivered lumens	508 lm
Consumption	8 W
Luminaire efficacy	63 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

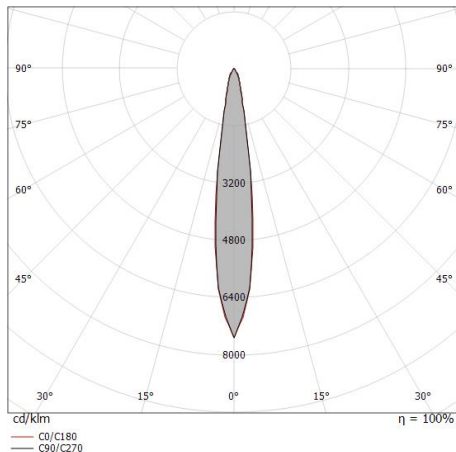
L70 B10 C0 247450h (at Tj 60 Ta 25)

### UGR

UGR axial	14.3
UGR transversal	14.3
X=4H   Y=8H	S=0.25H
Reflection factor	70/50/20

### OPTICAL

C0/C180 optics	15°
Light distribution symmetry	Symmetrical



Distance [m]	Cone diameter [m]	illuminance [lx]	E(0°)	E(C90)	E(C0)
0.5	0.13 0.14	15306	7.6°	7563	7485
1.0	0.27 0.27	3827	7.6°	1891	1871
1.5	0.40 0.41	1701	7.6°	940	832
2.0	0.53 0.54	957	7.6°	473	468
2.5	0.67 0.68	612	7.6°	303	299
3.0	0.80 0.81	425	7.6°	210	208

— C0/C180 (Half-peak divergence: 15.4°)  
— C90/C270 (Half-peak divergence: 15.2°)

### COLOR VECTOR GRAPHIC

