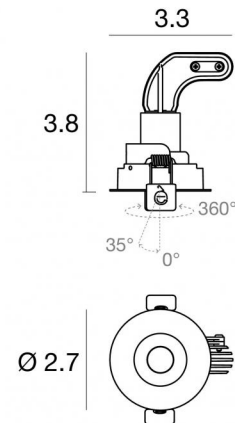




Downlights | 1 x powerLED 4 W | CRI 92 | 2700K | Spot | Embossed white RAL 9003 |
 Tilttable | Damp location | 350mA
LL-E80710-M-15



2.4

Technical data

Type	Encasement with flange
Installation position	Ceiling
Installation environment	Indoor
Light Source	LED
Optics	Spot
Light emission direction	downward
Power	4 W
Operation	350mA
Source lumens	395 lm
CCT	2700 K
Color rendering index	92 Ra
Safety class	Class 2
IP	IP44
Optical compartment IP	IP65
IK	IK08
Glow wire test	850°
Direct mounting on normally flammable surfaces	Yes
CE	Yes
ETL	Yes
Dimmable article	Yes
Directional	No
Tilting	Yes
total angle (horizontal plane)	350 °
total angle (vertical plane)	35 °
Walk-over	No
Drive-over	No
Cable included	Yes
Cable length	0.56 ft
Resin potting	No
Type of light emission	Single emission
Net weight	0.42 lbs
Electrostatic discharge protection	No
Surge protection	No
Product technological characteristics	TVS
Ordinary temperature on the glass	104 °F

Finishing casing

Material	Aluminum 6026
Color	Embossed white RAL 9003
Process	Powder coating

Finishing diffuser

Material	UV Resistant Polycarbonate
Color	transparent

Finishing radiator

Material	Die-cast Aluminum EN AB - 46100
Color	Aluminum
Process	Polishing

Cables Electrification

Cable connector	No
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Notes:



Downlights | 1 x powerLED 4 W | CRI 92 | 2700K | Spot | Embossed white RAL 9003 |
Tilttable | Damp location | 350mA | Base
LL-E80710-M-15

Single emission downlights for indoor application. The super warm LED light source with a spot light distribution is composed of 1 powerLEDs with CCT of 2700 K and a CRI 92; the source luminous flux is 395 lm, with a 98.8 lm/W nominal luminous efficacy.

The device body is made of aluminium 6026 and features a embossed white ral 9003 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 0.419 lbs.

The total absorbed power is 4 W. The power supply cable is included and features a 0.558 ft lenght.

and can be ceiling-mounted, with a 2.441 in 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.

Led features

Light Output Ratio (LOR)	69 %
Source lumens	395 lm
Delivered lumens	273 lm
Power	4 W
Luminaire efficacy	68 lm/W
Color temperature	2700 K
Standard Deviation of Colour Matching	3 Step MacAdam
Color rendering index	92 Ra
Black Body Locus	On

LED Life / Failure Ratio

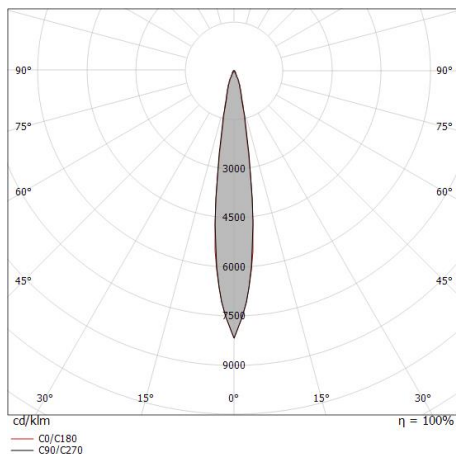
L70 B10 C0 247450h (at Tj 60 Ta 25)

UGR

UGR axial	13.5
UGR transversal	13.5
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

Light distribution symmetry	Symmetrical
C0/C180 optics	15°



Distance [m]	Cone diameter [m]	Illuminance [lx]	E(0°)	E(C90)	E(C0)
0.5	0.15 0.14	8932	8932	4410	4402
1.0	0.27 0.27	2233	2233	1103	1101
1.5	0.41 0.41	992	992	496	489
2.0	0.54 0.53	558	558	276	275
2.5	0.68 0.68	357	357	176	176
3.0	0.81 0.82	248	248	123	122

— C0/C180 (Half-peak divergence: 15.6°)
— C90/C270 (Half-peak divergence: 15.4°)

