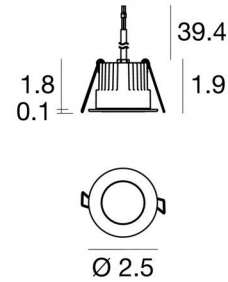




Downlights | 1 x powerLED 4 W | CRI 80 | 3000K | Spot | Stainless Steel | Wet location | 350mA



LL-E81223-W-15



Technical data	
Type	Encasement with flange
Installation position	Ceiling
Installation environment	Outdoor
Light Source	LED
Optics	Spot
Light emission direction	downward
Power	4 W
Operation	350mA
Source lumens	490 lm
CCT	3000 K
Color rendering index	80 Ra
Safety class	Class 2
IP	IP67
IK	IK10
Glow wire test	850°
Direct mounting on normally flammable surfaces	Yes
CE	Yes
ETL	Yes
Dimmable article	Yes
Directional	No
Tilting	No
Walk-over	No
Drive-over	No
Cable included	Yes
Cable length	3.28 ft
Resin potting	Yes
Type of light emission	Single emission
Net weight	0.44 lbs
Electrostatic discharge protection	No
Surge protection	No
Product technological characteristics	Acquastop - TVS
Ordinary temperature on the glass	104 °F

Finishing casing

Material	Die-cast Aluminum EN AB - 46100
Color	black
Process	Open pore anodizing + Powder Coating

Finishing diffuser

Material	Extra clear glass - Tempered
Color	transparent

Finishing flange

Material	AISI 316L steel
Color	steel
Process	Brushing

Cables Electrification

Cable connector	No
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Notes:



Downlights | 1 x powerLED 4 W | CRI 80 | 3000K | Spot | Stainless Steel | Wet location | 350mA | Base
LL-E81223-W-15

Single emission downlights for outdoor application. The warm white LED light source with a spot light distribution is composed of 1 powered LEDs with CCT of 3000 K and a CRI 80; the source luminous flux is 490 lm, with a 122.5 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 0.441 lbs.

The total absorbed power is 4 W. The power supply cable is included and features a 3.281 ft length.

and can be ceiling-mounted, with a 2.165 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 E.

Led features

Light Output Ratio (LOR)	62 %
Source lumens	490 lm
Delivered lumens	307 lm
Power	4 W
Luminaire efficacy	76 lm/W
Color temperature	3000 K
Standard Deviation of Colour Matching	3 Step MacAdam
Color rendering index	80 Ra

LED Life / Failure Ratio

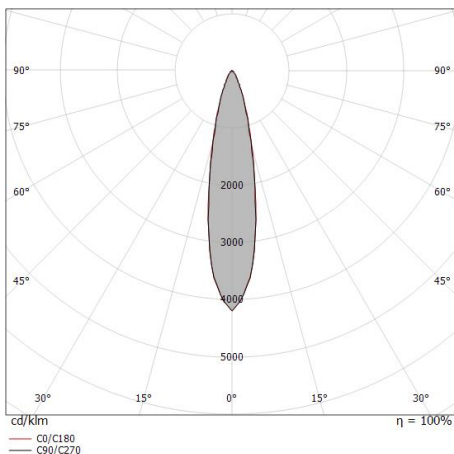
L70 B10 C0 247450h (at Tj 60 Ta 25)

UGR

UGR axial	15.6
UGR transversal	15.6
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

Light distribution symmetry	Symmetrical
C0/C180 optics	22°



Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	0.19 0.20	E(0°) 5143 E(C90) 2452 E(C0) 2434
1.0	0.39 0.39	E(0°) 1286 E(C90) 613 E(C0) 608
1.5	0.58 0.59	E(0°) 571 E(C90) 272 E(C0) 270
2.0	0.78 0.78	E(0°) 321 E(C90) 153 E(C0) 152
2.5	0.97 0.98	E(0°) 206 E(C90) 98 E(C0) 97
3.0	1.17 1.18	E(0°) 143 E(C90) 68 E(C0) 68

Distance [m] Cone diameter [m] illuminance [lx]

— C0/C180 (Half-peak divergence: 22.2°)
 — C90/C270 (Half-peak divergence: 22.0°)