

Model: OL1001



General Data

Power	3 Watts
LED type	1 PC 3W CREE XPE LED
Luminous flux	110-130 lm
CCT	3000K or 4000K as standard. Different CCT upon request.
CRI	80+
Beam angle	Multi beam angle including 10°, 15°, 30°, 45°, 60°
Dimension	Ø40 x 53 mm
Cut out dia.	Ø38 x 92 mm
Weight (kgs)	0.21 kgs
Lamp Life	50000 hrs
SDCM	≤3
Ambient Temp.	-15~50°C
RAL Color	80+
Oper. Temp.	-15~50°C
Certifications	CE, RoHS

Construction Data

IP rating	IP67 Waterproof
IK rating	IK06
Housing	Solid Passivated (Anodizing) Aluminum CNC machined
Protection finishing	20~25µm thickness anodized film for housing. Dark grey
Trim	Stainless steel 316
Glass	Step tempered Glass. T=4mm.
Loading capacity	320 kgs
Cable Gland	PG7 IP67
Gasket	O-ring PMQ silicone seal

Electrical Data

Input voltage	DC12V~DC24V
Insulation class	Class III
Cable	1PC rubber cable 1M H05RN-F 2x1mm square
Driver	Low voltage constant current output, excluding the transformer

APPLICATIONS

Recessed luminaire for installation in ground, compact, robust design, providing ideal performance and flexibility for both indoor and outdoor applications, using less energy thanks to the latest energy-saving technology due to its high energy efficiency and longer lasting LED chip.

PRODUCT DESCRIPTION

Inground round recessed luminaire for outdoor installation, anodized extruded aluminium body, tempered glass diffuser, stainless steel housing trim. Low power CREE LED, IP67

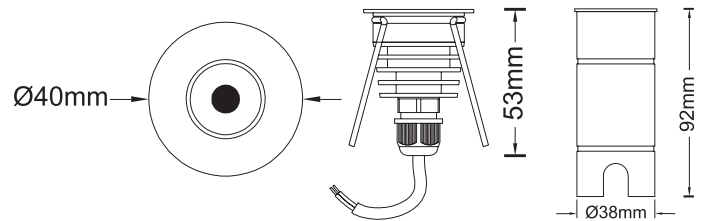
FIXTURE CONSTRUCTION

20~25µm thickness anodized film for housing with stainless steel 316 trim, solid passivated (anodizing) Aluminum CNC machined, Step tempered Glass. T=4mm cover, Low voltage Driver with constant current output, excluding the transformer, O-ring PMQ silicone seal gasket and cable gland for waterproof IP67, with 1PC rubber cable 1M H05RN-F 2x1mm square

Accessories

Mounting Sleeve	Passivated (Anodizing) Aluminum CNC machined. Dark grey
Clip	With Aluminium spring that's for deck lights or ceiling lights application

Dimension Drawing

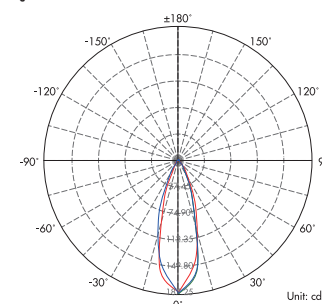


Lamp Options

Part Number	CCT	Beam angle
OL1001C3B10	3000 K	10°
OL1001C4B10	4000 K	10°
OL1001C3B15	3000 K	15°
OL1001C4B15	4000 K	15°
OL1001C3B30	3000 K	30°
OL1001C4B30	4000 K	30°
OL1001C3B45	3000 K	45°
OL1001C4B45	4000 K	45°
OL1001C3B60	3000 K	60°
OL1001C4B60	4000 K	60°

Photometric Data (3000K, 1x45°)

Light Distribution Curve [Unit: cd]



Lux distance Curve

Distance (m)	Center Beam LUX		Beam Width	
	V	H	V	H
2m	46.14 LUX	46.14 LUX	1.2m	1.2m
4m	11.53 LUX	11.53 LUX	2.4m	2.5m
6m	5.13 LUX	5.13 LUX	3.6m	3.7m
8m	2.88 LUX	2.88 LUX	4.8m	4.9m
10m	1.85 LUX	1.85 LUX	6.0m	6.1m
12m	1.28 LUX	1.28 LUX	7.2m	7.4m

Vert.Spread:33.3

Horiz.Spread:34.1

Unit: cd