

**Model: OL1003**



**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 8°,10°,17°,23°,28°,43°,58°,95°
Dimension	Ø40 x 77 mm
Cut out dia.	Ø33 x 90 mm
Weight (kgs)	0.23 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	IK09
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=10mm.
Loading capacity	500 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

**Accessories**

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

**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.

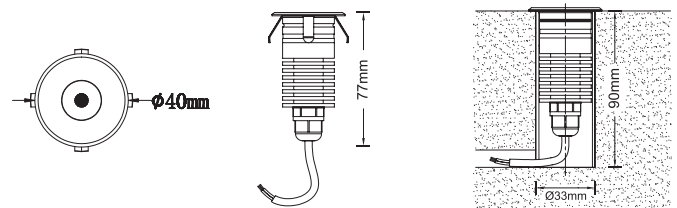
**PRODUCT DESCRIPTION**

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=10mm 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

**Dimension Drawing**

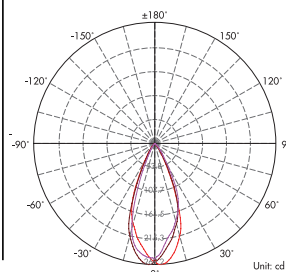


**Lamp Options**

Part Number	CCT	Beam angle
OL1003C3B8	3000 K	8°
OL1003C4B8	4000 K	8°
OL1003C3B10	3000 K	10°
OL1003C4B10	4000 K	10°
OL1003C3B17	3000 K	17°
OL1003C4B17	4000 K	17°
OL1003C3B23	3000 K	23°
OL1003C4B23	4000 K	23°
OL1003C3B28	3000 K	28°
OL1003C4B28	4000 K	28°
OL1003C3B43	3000 K	43°
OL1003C4B43	4000 K	43°
OL1003C3B58	3000 K	58°
OL1003C4B58	4000 K	58°
OL1003C3B95	3000 K	95°
OL1003C4B95	4000 K	95°

**Photometric Data (3000K, 1x43°)**

Light Distribution Curve [Unit: cd]



Lux distance Curve

