

XL marlin Lighting

MULTIPLE APPLICATIONS Recessed Light Data Sheet

Model: OLD9001



General Data

Power	12 Watts
LED type	9 PCS OSRAM SMD LED
Luminous flux	720-810lm
CCT	3000K or 4000K as standard. Different CCT upon request.
CRI	80+
Beam angle	6°, 8°, 10°, 17°, 23°, 28°, 43°, 58°
Dimension	Ø150x35mm
Cut out dia.	Inground light: Ø135mm Deck light: Ø135mm
Weight (kgs)	0.98 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	IK08
Housing	Solid Passivated (Anodizing) Aluminum CNC machined
Protection finishing	20~25µm thickness anodized film for housing. Dark grey color
Trim	Stainless steel 316
Glass	Step tempered Glass. T=8mm.
Loading capacity	2000 kgs
Cable Gland	PG7 IP67
Gasket	O-ring PMQ silicone seal

Electrical Data

Input voltage	DC 24V
Insulation class	Class III
Cable	1PC rubber cable 1M H05RN-F 2x1mm square
Driver	Built-in low voltage constant current driver without transformer
Control	ON/OFF / PWM

Accessories

Mounting Sleeve	Aluminium sleeve used as inground light
Clip	Two clips with screws optional used as downlight / deck light

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.

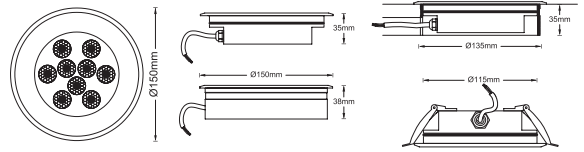
PRODUCT DESCRIPTION

Deck lights or ceiling lights application recessed luminaire for outdoor installation, anodized extruded aluminium body, tempered glass diffuser, stainless steel housing trim. Low power OSRAM 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=8mm. Built-in low voltage constant current driver without transformer, O-ring PMQ silicone seal gasket and cable gland for waterproof IP67, with 1PC rubber cable 1M H05RN-F 2x1mm square

Dimension Drawing

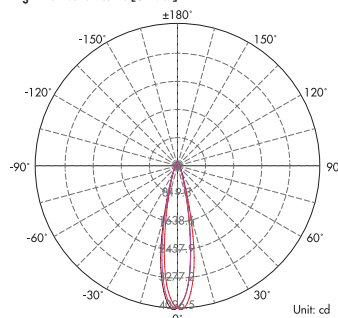


Lamp Options

Part Number	CCT	B. angle
OLD9001C3B6	3000 K	6°
OLD9001C4B6	4000 K	6°
OLD9001C3B8	3000 K	8°
OLD9001C4B8	4000 K	8°
OLD9001C3B10	3000 K	10°
OLD9001C4B10	4000 K	10°
OLD9001C3B17	3000 K	17°
OLD9001C4B17	4000 K	17°
OLD9001C3B23	3000 K	23°
OLD9001C4B23	4000 K	23°
OLD9001C3B28	3000 K	28°
OLD9001C4B28	4000 K	28°
OLD9001C3B43	3000 K	43°
OLD9001C4B43	4000 K	43°
OLD9001C3B58	3000 K	58°
OLD9001C4B58	4000 K	58°

Photometric Data (3000K, 17°)

Light Distribution Curve [Unit: cd]



Lux distance Curve

Height	Center E	Average E	Diameter
3.281ft	375.03fc	268.21fc	1.281ft
1.0m	4036.8lx	2887.028lx	0.390m
6.562ft	93.757fc	67.053fc	2.562ft
2.0m	1009.2lx	721.757lx	0.781m
9.843ft	41.670fc	29.801fc	3.843ft
3.0m	448.54lx	320.781lx	1.171m
13.123ft	23.439fc	16.763fc	5.124ft
4.0m	252.30lx	180.439lx	1.562m
16.404ft	15.001fc	10.728fc	6.405ft
5.0m	161.47lx	115.481lx	1.952m