

XL marlin Lighting

MULTIPLE APPLICATIONS Recessed Light Data Sheet

Model: OLD15WCOB



General Data

Power	15 Watts
LED type	1 PC 15W CREE COB LED
Luminous flux	1000~1060lm
CCT	3000K or 4000K as standard. Different CCT upon request.
CRI	80+
Beam angle	10°, 20°, 30°
Dimension	Ø160x35mm
Cut out dia.	Inground light: Ø143mm Deck light: Ø145mm
Weight (kgs)	1.1 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 clear glass as standard 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 optional used as inground light
Clip	Two clips with screws 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.

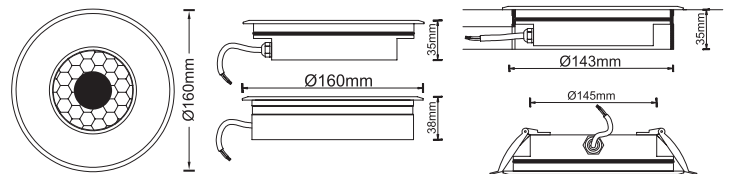
PRODUCT DESCRIPTION

Deck lights or ceiling lights application recessed luminaire for outdoor installation, anodized extruded aluminium body, tempered glass diffuser, stainless steel housing trim. Low power 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=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

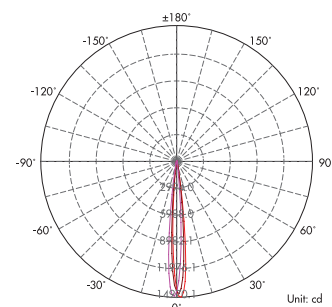


Lamp Options

Part Number	CCT	B. angle
OLD15WCOBC3B10	3000 K	10°
OLD15WCOBC4B10	4000 K	10°
OLD15WCOBC3B20	3000 K	20°
OLD15WCOBC4B20	4000 K	20°
OLD15WCOBC3B30	3000 K	30°
OLD15WCOBC4B30	4000 K	30°

Photometric Data (3000K, 20°)

Light Distribution Curve [Unit: cd]



Lux distance Curve

Height	Center E	Average E	Diameter
3.281ft	1332.5fc	962.453fc	0.572ft
1.0m	14343lx	10359.844lx	0.174m
6.562ft	333.13fc	240.613fc	1.143ft
2.0m	3585.8lx	2589.961lx	0.348m
9.843ft	148.06fc	106.939fc	1.715ft
3.0m	1593.7lx	1151.094lx	0.523m
13.123ft	83.282fc	60.153fc	2.287ft
4.0m	896.45lx	647.490lx	0.697m
16.404ft	53.301fc	38.498fc	2.858ft
5.0m	573.73lx	414.394lx	0.871m