

Marlin 100

Surface Mount Single Color

Mounting

Hull Material	GRP / Fiberglass
Boat Size	up to 65ft
Spacing	3' - 10' (1 - 3m)
Beam Angle	140°
Installation Angles	Surface Mount

Technical

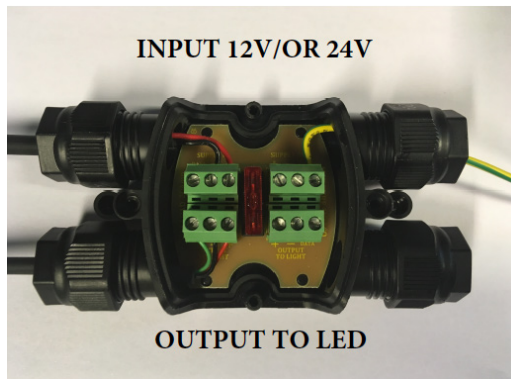
Per Fixture

Lumens	10,000 on white
Lumens Dual Color	7,000 on white
Kelvin	6,500
Typical LED Life Expectancy	40,000 hrs
Min-Max Operating Voltage	11 - 28V DC
Current / Amp draw	7 - 3.5 amp - Single Color
Driver Type	Integral
Driver Protection	Reverse Polarity Thermal Protected
Control Options	On / Off Switch
Bonding	Via Power Cable

Physical

Per Fixture

Length of Fixture	N/A
Diameter of Fixture	4" (100mm)
Profile of Fixture	1 1/4" (32mm)
Removal Space Required	N/A
Total Weight	2.42lbs
Cable Length	10'
Hole Cut-out	11/32" (9mm)
Material	Nickel plated AB2 Bronze
Growth Resistant Lens	Borosilicate Glass



INSTALLATION GUIDE

1. With your purchase you will have the surface mount light and one IP68 connection enclosure.
2. Prior to drilling the 9mm cable hole ensure that there is internal space for sealing the cable.
3. It is important to locate the connection enclosure close to the cable entry and above the bilge so that you have good access to make the connections. A shorter cable will lower the cable volt drop. See picture below for preparing cable to connection enclosure. Red is positive, Black is negative and Green is earth.
4. When the cable hole has been drilled screw the light gently to the hull. Then screw the connection enclosure to the safe location inside the hull and work a route for the light cable to the connection enclosure. Pass the cable into the connection enclosure and cut the cable to a length so that you can do the connection as shown.
5. It is your responsibility to run the correct size supply cable (min 2.5mm sq) to the light connection enclosure. The connection enclosure has a 10 amp fuse that will protect your supply cable for one lamp at 12v. When you have connected the enclosure check you have the correct polarity.
6. Gently screw the lights to the hull and make the connection to the enclosure and switch on the lights to check they are working.
7. Remove the lights from the hull and coat the rear part of the light with 3M 4200 sealant and firmly screw the lights to the hull also seal the cable entries on the inside. When secure remove excess sealant and leave until sealant has cured.
8. During the sealant curing time connect the earth cable to the light (as shown below) in the connector enclosure to the cathodic protection anode using a single core 1.5mm square cable.
9. Finally coat the light face with anti-fouling paint.

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