



User Manual

Part Number:

PL-UWL-EPIK

LED Underwater Boat Light

Important: Read all instructions prior to installation.

Underwater LED Boat Light

Features

- 316L Marine Grade Stainless Steel
- High Borosilicate Glass
- 5 Ft Power Wire
- Internal Driver ,Wide Voltage DC9~32V
- Intelligent Temperature Control System
- 48 Cree LED, Five Output Modes
- Waterproof IP68

Specifications

PL-UWL-EPIK-BL-K LED Underwater Boat Light	
Input Voltage	9 ~ 32 VDC
Current Draw	3.82 A @ 13.5VDC
Total Power Consumption	51.6W @ 13.5VDC
Operating Temperature	-22 F~122 F (-30 C~50 C)
Available Colors	Blue, Green, Blue/Green, Blue/White, Red/White
LED Lifetime	50,000 Hours
LED Brand	CREE
Warranty	3 Years
Dimensions	Diameter 3.8in (96mm), Depth 1.2in (31mm)
Weight	1.54lb (0.7kg)

Parts Included

- Underwater Boat
- Light 1-PL-UWL-EPIK
- 3- M5 Machine screws
- 3- M5 Flat washers
- 3 - M5 Locking Nuts
- 3 - M5 Self Tapping screws
- 3- Neoprene washers

Recommended Tools (not included)

- Drill and Drill Bits
- #2 Phillips Screwdriver
- Heavy Grit Sandpaper
- Pencil (**Wax Pencil recommended for fiberglass**)
- Isopropyl/Denatured
- Alcohol Lint Free Cloths
- Masking Tape
- Marine Sealant

Caution

Corrosion of any metal will be will be aggressive if installation is not performed correctly, if bonding not done the right way or if stray currents are active in the vicinity of the boat. We are not liable for defects related to corrosion. If your Epik Underwater LED Transom Light is defective, notify us at PlashLights, return product, prepaid, we will repair or replace your Epik Underwater LED Transom Light without charge. Products repaired or replaced under our warranty will be warranted for the unexpired portion of the warranty applying to the original product(s). Any liability for consequential and incidental damages is disclaimed. Our liability in all events is limited to, and will not exceed, the purchase price paid.



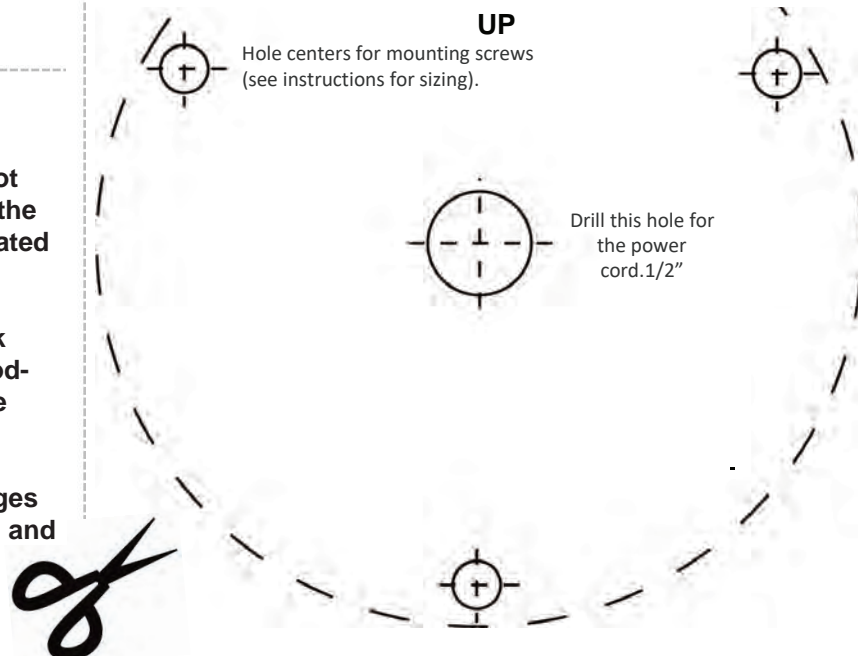
Installation Instructions

TIP: Know your hull; most common type is fiber glass. Wood, metal and carbon fiber are other less common hull types. For metal or carbon fiber hull, be sure to mount an insulating material between metal or carbon fiber surfaces and lights to prevent galvanic corrosion.

if you are uncertain about these types of hull, please contact us at (855) 661-1002 or email at support@plashlights.com.

1. Determine desired mounting location on boat's transom.

The recommended mounting depth for the best effect is between 6-8" below waterline. Be sure that mounting location is free of any obstructions before drilling through the hole. Mark center of desired location.





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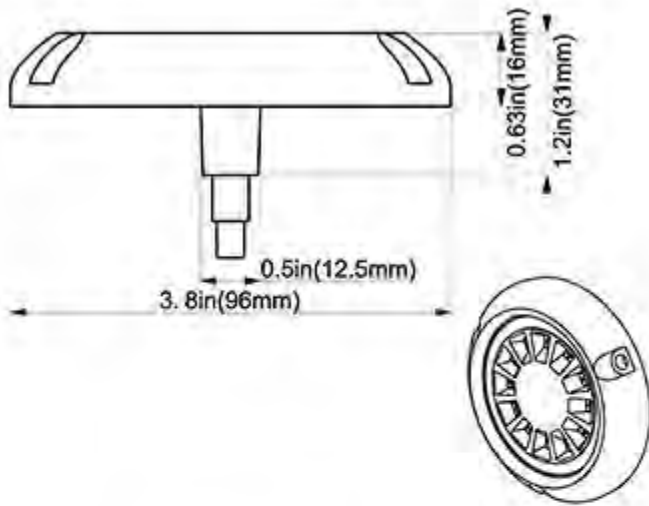
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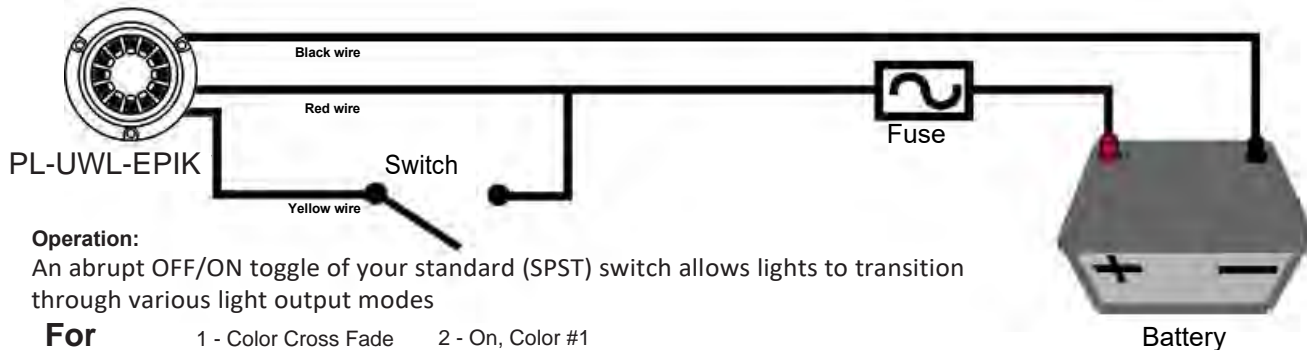
Underwater LED Boat Light

Installation Instructions (continued)



2. Drill 1/2" through hole in center of desired location and feed power wire through hole into boat. Hold light flush against transom, mark location for mounting screws, then remove light. Drill pilot holes for mounting screws to prevent cracking in fiberglass hulls.
3. Use heavy grit sandpaper to rough up the surface and to remove any debris from drilling. Clean area using alcohol and lint free cloth.
4. Apply uniform layer of marine sealant to back side of light, especially around mounting holes and wire connection. Also apply marine sealant to transom surface around pilot and through holes.
5. Feed power wire back through 1/4" hole into boat and press light against transom using uniform pressure. Install mounting screws with included neoprene washers and tighten light to transom.
6. Use sealant that has squeezed out from beneath light to create complete seal around outer edge of light. Remove any excess sealant.
7. Connect positive wire to positive battery terminal through fuse to switch (see diagram below). Connect negative wire to negative battery terminal. Marine grade heat shrink butt connectors and ring terminals are recommended.
8. Ensure light is solidly attached to hull and that marine sealant has fully cured prior to putting boat in water. Lights may be tested briefly while out of water. Lights will overheat and shut down if operated out of water for more than testing.

Wiring Diagram



Operation:

An abrupt OFF/ON toggle of your standard (SPST) switch allows lights to transition through various light output modes

- For** 1 - Color Cross Fade 2 - On, Color #1
- Dual Color:** 3 - On, Color #2 4 - On, Color #1 & #2 5 - Flashing, Both Colors