

For Technical Questions  
Please Call: 1-855-661-1002 Ext. 3  
Mon-Fri 10am-5pm CST  
Support@plashlights.com



# User Manual

Part Number:

**RGBW-IC**

**PL-UWL-EPIK-RGBW-IC**

## EPIK Transom Light | RGBW-IC

### FEATURES

Marine Grade 316L Stainless Steel Housing  
Borosilicate Tempered Glass Lens  
5 Ft Power Wire  
Internal RGBW Controller  
Intelligent Temperature Control System (TCS)  
48 x CREE® LED's  
IP68 Rated Waterproof

### SPECIFICATIONS

EPIK Transom Light   RGBW-IC	
Input Voltage	9~32V DC
Current Draw	1.75 A @ 13.5V DC
Single Color Power Consumption	24W @ 13.5V DC
Operating Temperature	-22° F~ 122°F (-30°C~50°C)
Available Colors	RGBW
LED Lifetime	50,000Hours
LED Brand	CREE®
Warranty	Limited Lifetime
Dimensions	Diameter 3.7in (93mm), Depth 1.2in (31mm)
Weight	1.45lb (0.7kg)

### PARTS INCLUDED

1 x EPIK Transom Light RGBW-IC  
1 x Hardware Packet  
1 x Isolation Gasket

#### Hardware Packet Contains:

3 x M5 Machine Screws  
3 x M5 Flat Washers  
3 x M5 Locking Nuts  
3 x M5 Self Tapping Screws  
3 x Neoprene washers

### RECOMMENDED TOOLS (Not Included)

Drill and Drill Bits  
#2 Phillips Screwdriver  
Heavy Grit Sandpaper  
Pencil (**Wax Pencil recommended for fiberglass**)  
Acetone  
Lint Free Cloths  
Masking Tape  
Marine Sealant (ie. 3M® 4200) rated for underwater usage

### INSTALLATION INSTRUCTIONS

1. Disconnect battery. Determine desired mounting location on boat transom. Recommended mounting depth between 6-8" below waterline for the best effect. (See IMAGE A on reverse). Be sure that mounting location is free of any obstructions before drilling. Mark center of desired location.
2. Drill 1/2" through hole in the center of desired location and feed power wire through hole into boat. Hold the light flush against transom, mark the location for mounting screws, then remove light. Drill pilot holes for mounting screws to prevent cracking in fiberglass. Optional: Using a pencil lightly trace the perimeter of the light. Then install masking tape on the outside of this line. Leave the line exposed.
3. Remove any debris from drilling. Use sandpaper to abrade both the boat mounting surface and the back of the light. Clean the area using **Acetone** and a lint free cloth. Do not use other solvents like Alcohol.
4. Apply a uniform layer of underwater rated marine sealant (ie 3M® 4200) to the back side of light with at least one inch around the wire connection. Also apply marine sealant to the transom surface around pilot and through the holes. It must be completely sealed around the wire stub. (see IMAGE B on reverse).
5. Feed power wire back through 1/2" 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 the outer edge of light. Remove any excess sealant. Remove the tape if you chose to tape off around.
7. (See wiring diagram on reverse) Connect positive wire to positive battery terminal (+) through fuse. Connect yellow wire to switch, then to fused positive wire. Connect black wire to negative battery terminal (-). Marine grade heat shrink along with soldered connections are recommended.
8. Reconnect battery and test lights. Ensure light is attached to hull and that marine sealant has **FULLY** cured prior to putting the boat in water. Lights may be tested briefly while out of water.

**\*\* Not following steps 3-4 correctly will eventually lead to moisture intrusion inside the light. The lack of adhesion will be evident once removed and the failure will NOT BE COVERED under Warranty\*\***



### CAUTION

• Corrosion of any metal will be will aggressive if installation is not performed correctly, if bonding is 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.

**TIP:** Know your hull; most common type is fiberglass. Wood, metal and carbon fiber are other less common hull types. For metal or carbon fiber hull, first be sure to mount an insulating material between the metal or carbon fiber surfaces and lights to prevent galvanic corrosion. If uncertain about your hull type, please contact the boat manufacturer for assistance.

### WARRANTY

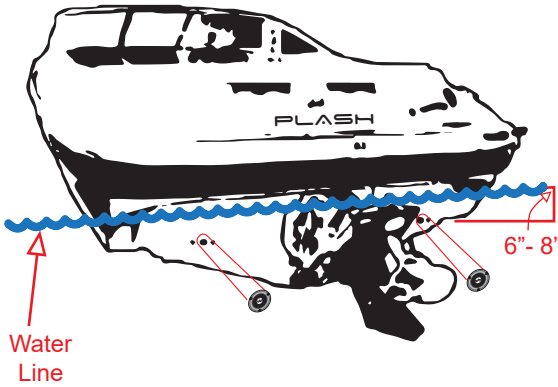
If your EPIK Underwater Boat Light is defective, please notify us at PlashLights. We will repair or replace your EPIK Underwater Boat Light without charge. Products repaired or replaced under our warranty will be warranted for the unexpired portion of the warranty applying to the original product(s). 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.

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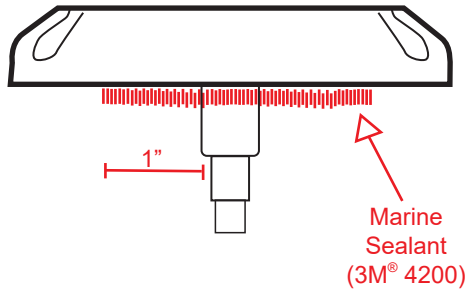
**Important: Read all instructions prior to installation.**

## EPIK Transom Light | RGBW-IC

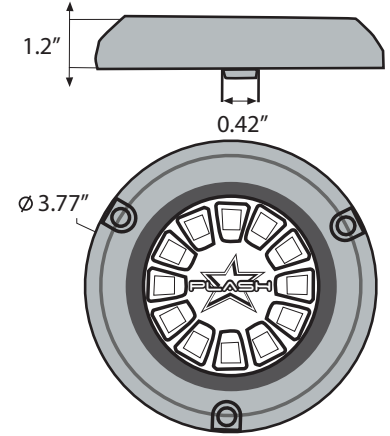
**IMAGE A**



**IMAGE B**



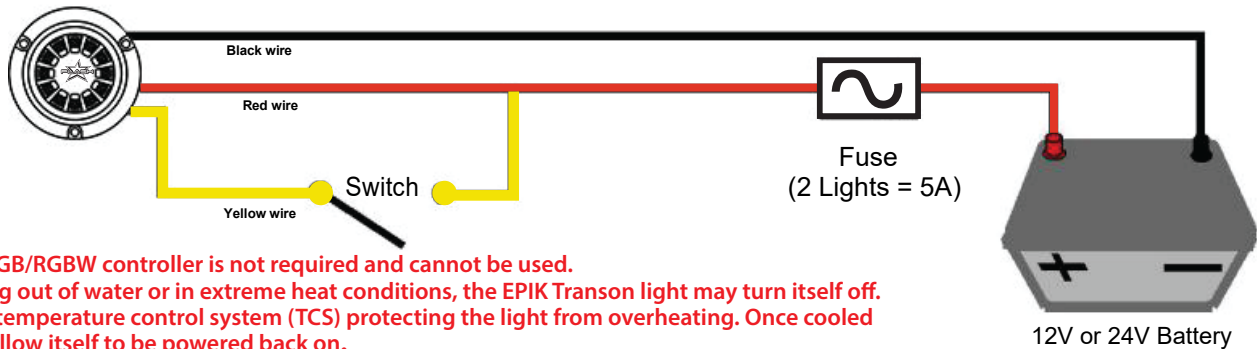
**DIMENSIONS**



### WIRING DIAGRAM

\*\*If you need to extend the power wire, make sure you use larger gauge wire.

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#### Notes:

- External RGB/RGBW controller is not required and cannot be used.
- If operating out of water or in extreme heat conditions, the EPIK Transom light may turn itself off. This is the temperature control system (TCS) protecting the light from overheating. Once cooled off, it will allow itself to be powered back on.

### MODE CHANGE INSTRUCTIONS

#### Notes:

- Cycle power for **UNDER 1 SECOND** to change the **SOLID COLOR**
- Cycle power for **OVER 1 SECOND** to change the **MODE**
- Power **OFF** for **OVER 5 SECONDS** to **RESET**

#### Mode 1 - Full Color Fade [DEFAULT]:

Power on the light and it will go into a fast "full color fade" cycle (15 seconds). During this color fade mode, you can freeze a specific color by quickly switching the power OFF/ON (under 1 second). This will lock in your specified color choice. If no action is taken after the initial 15 seconds, the light will go into a slow "full color fade cycle" (3 minute loop).

#### Mode 2 - Solid Color:

While in Mode 1 (Full Color Fade), toggle the power switch off for over 1 second, but no longer than 5 seconds, then turn it back on. The EPIK transom light will then be in "solid color" mode starting with white. Solid colors can be cycled through by quickly toggling the power switch ON/OFF (within 1 second).

Solid Color Mode Cycles in this order:

White -> Red -> Green -> Blue -> Yellow -> Purple -> Cyan -> REPEAT

#### Mode 3 - Full Color Strobe:

While in Mode 2 (Solid Color), toggle the power switch off for over 1 second, but no longer than 5 seconds, then turn it back on. The light will then be in "Color Strobe Mode". The EPIK light will automatically jump through 7 solid colors. Cycle the power off for a long hold (over 1 second) to change to the "Full Color Fade" mode.