

SeaBlazeX2

UNDERWATER LIGHT



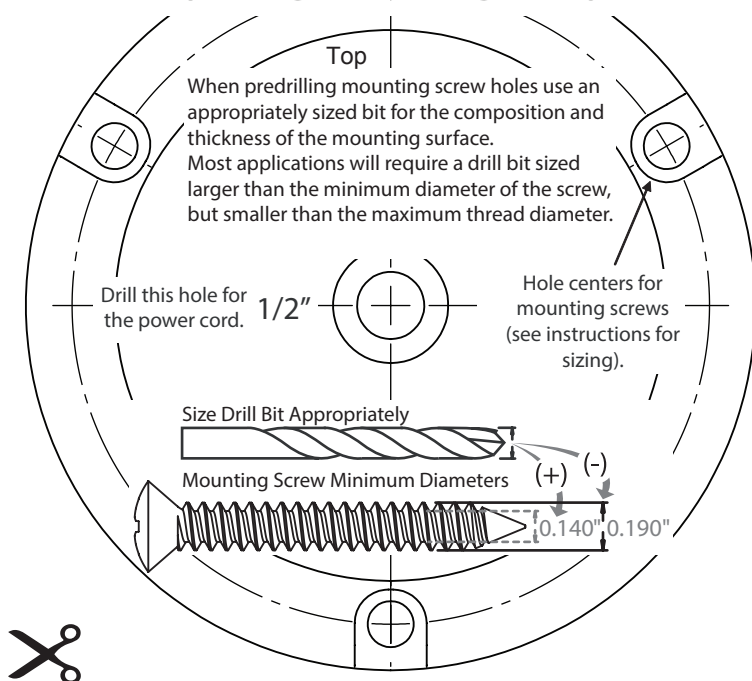
Installation Instructions

1. Choose a location on the transom 6 to 12 inches beneath the waterline. The mounting surfaces should be flat, clean, dry, and free of existing hardware or holes. Check inside the hull for wiring or obstructions.
2. Before mounting, ensure that the light will not interfere with the operation of engines, trim tabs, rudders, etc. Clean the gelcoat or remove any bottom paint from the gelcoat surface. Tape the mounting template (below) to the hull in the desired location of the light. Mark the light center and drill a 0.5" hole. Mark the screw location holes and using a 3.57 mm, 9/64 drill bit (only recommended for solid fiberglass), drill the screw holes.
3. Spread a generous bead of sealant (3M 4200 or equivalent) around the inside surface of the light bezel, the screw holes, and the wire stem up to the exposed wire.
4. Feed the light housing through the hole and orient using the logo on the reflector. Fasten in place with tape.
5. On the inside of the hull, apply the supplied rubber stain relief plug to the wire (optional). Apply a generous bead of sealant (3M 4200 or equivalent) to the plug and into the wire through-hull hole before installation of the plug.
6. On the exterior, tighten the screws hand-tight with a screwdriver (do not use power tools as you may snap the bronze screws or clip the gelcoat).
7. You should see sealant expelled from around the light housing to ensure adequate bond. Wipe off any excess sealant.

Quick Start Guide

For additional installation support scan the QR code or visit the website line to access our on line installation guide.

lumiteclighting.com/seablazex2-guide



Operation:

Spectrum: Light will cycle through all available colors (including white) within the first 20 seconds. An abrupt OFF/ON toggle of your standard (SPST) switch will allow the user to select any discrete color during the cycle. After 20 seconds without interruption, the light will repeat the full color cycle over a period of 3 minutes – discrete colors can still be chosen during the 3-minute cycle. The 3-minute cycle will repeat continuously if left un-interrupted. You can reset the light at any time by switching the power off for more than 3 seconds.

Dual-Color (White/Blue): An abrupt OFF/ON toggle of your standard (SPST) switch allows the SeaBlazeX2 to transition through each light output mode.

- 1- Cross-Color Fade – gently undulating color mix,
- 2- Blue Only, 3- White Only.

Lumitec Limited Warranty:

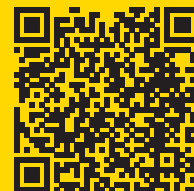
Lumitec, LLC ("Lumitec") warrants, to the original purchaser only, that the Lumitec product will be free from defects in manufacturing, workmanship, and materials for a period of five (5) years from the date of original purchase.

This Limited Warranty is not transferable for any reason, including in the event the applicable product is sold, traded, transferred or otherwise disposed of in any manner by the original purchaser to another party.

Lumitec is not responsible for product failure caused by abuse, neglect, improper installation, or failure in applications other than those for which it was designed, intended, and marketed. Lumitec assumes no responsibility whatsoever for any damage, loss, or injury that may result from the incorrect installation of this product, including but not limited to structural damage due to water intrusion, electrical malfunction or vessel sinking when used in maritime applications. Lumitec is not responsible for damage to products caused by fire, explosion, implosion, flood, hurricane, earthquake, lightning strike, acid rain, chemical fallout, catastrophic event, or other act of God or nature.

Register Your Product

To register your Lumitec product please scan the QR code or visit the website link below.



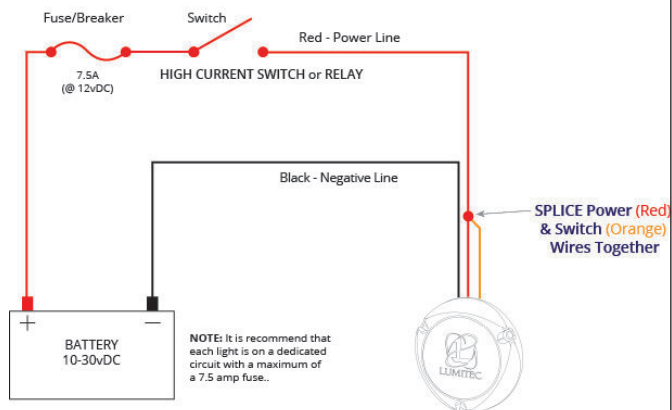
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SEABLAZEX2 UNDERWATER LIGHT WIRING DIAGRAMS

2-WIRE CONNECTION TO SWITCH



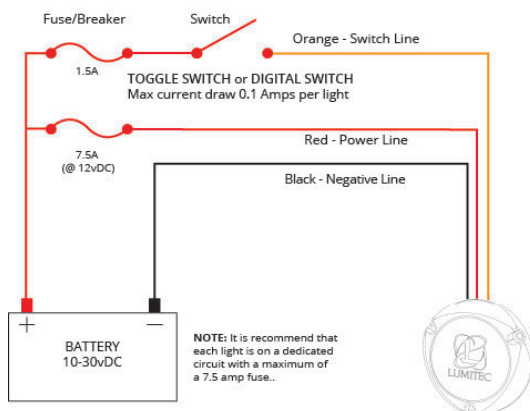
We recommend that each light is on a dedicated circuit with a maximum of a 7.5 amp fuse.

Lumens (White): 6,000
Voltage: 10-30vDC
12v DC Amps: 5A
24v DC Amps: 2.5A
Rated Watts: 60
CCT: 6500
CRI: 70+

Note: We recommend that each light is on a dedicated circuit with a maximum of a 7.5A fuse.

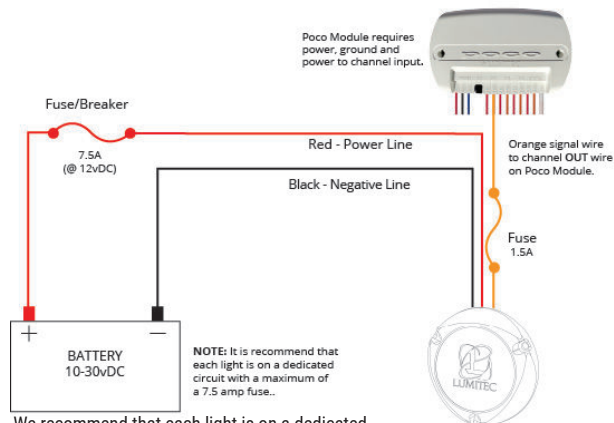
Light cable 18 AWG 105°C - Fuse per ABYC standards to protect circuit cable.

3-WIRE CONNECTION TO SWITCH



We recommend that each light is on a dedicated circuit with a maximum of a 7.5 amp fuse.

3-WIRE CONNECTION TO POCO MODULE



We recommend that each light is on a dedicated circuit with a maximum of a 7.5 amp fuse.

Troubleshooting Chart

Problem	Cause	Solution
Light Does not power on (2-wire installation).	Red and Orange wire are not receiving + voltage. Ground wire disconnected.	Check power. Check fuse is not blown. Check ground wire connection. Check the switch and ensure it is rated for the load. Check voltage polarity.
Light Does not power on (3-wire installation).	Red and/or Orange wires are not receiving positive (+) voltage. Ground wire disconnected.	Check power. Check fuse is not blown. Check ground wire connection. Check switch is in the ON position.
Light Does not power on (3-wire installation Poco).	Red wire not receiving positive (+) voltage. Orange wire not connected to Poco Channel output. Poco is not setup correctly.	Check power. Check fuse is not blown. Check ground wire connection. Check Poco Configuration (light group set to Clan 4). If Clan 4 does not exist in Light Groups, update your Poco firmware. Check Poco Configuration to ensure Switch is set to the correct Light Group.
Light Quickly Blinks Problem: Light Quickly Blink.	Insufficient voltage or current at light.	Check for proper voltage at light (10vDC minimum required). Ensure the battery is at full charge. Verify wire gauge size is sufficient.