

LUMISHORE

SMX 11 - Single Colour Lights

Installation and Operating guide

12V DC Only

Congratulations! You have purchased a LUMISHORE advanced LED technology underwater lighting system. Every care has been taken to ensure your SMX-11 system arrives in perfect condition, so please enjoy the ultimate experience in underwater lighting.

Please read the following pages to ensure a complete understanding of the LUMISHORE LED lighting system before installation.

Adding underwater lighting to your vessel has never been easier. To mount a LUMISHORE SMX-11 LED light, one small cable hole and three mounting screws is all it takes. Compact, with a very slim profile and available in a wide variety of colours and power levels, the SMX-11 operates above or below the water line, at your berth, on dock or underway, thanks to the LUMISHORE Active Thermal Rollback (ATRB) feature.

BEFORE YOU START

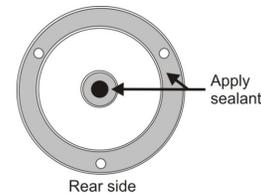
- The light can be installed above or below the water line.
- For best underwater illumination, LUMISHORE recommends installation 4" to 12" (100-300mm) below the water line.
- Choose a location - The light must be mounted on a flat (not curved) surface. For underwater installs mount on transom or side hull only.
- A hole will be drilled to allow the cable to be inserted; care must be taken to ensure there is unrestricted access (including inside the hull for underwater installation).
- When installing three or more lights, equal spacing 2.5'- 3' is recommended to give a consistent light pool.
- The light is temperature sensitive and must not be located close to the exhaust outlet or other heat source.
- The SMX-11 series operates on 12V DC ONLY. Never connect a light directly to the mains AC voltage, or DC voltage other than that specified.
- Each light should be individually fused with a 2A fuse.

INSTALLATION

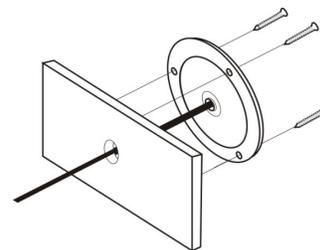
Tools: Drill, drill bits, marine sealant (Use Only 3M 4200), Phillips type screwdriver, rags for clean-up:

Pilot Hole for Screws	Hole for Cable	Cable Gland Recess
9/64" (3.5mm)	7/32" (5.5mm)	1/2 " (13mm) to a depth of 15mm

1. Select a suitable flat surface that is accessible from behind and ensure the cable can be run without a problem.
2. With one hole at the bottom centre, mark and drill the pilot holes for the screws. Drill the power cable hole. The cable hole must be recessed on the outside of the hull to accept the cable gland on the back of the light.
3. Apply a single bead of sealant around the cable entry and screw holes.



4. Apply a continuous thick bead of sealant approximately 0.6" (15mm) from the edge of the light and around the cable. Refer to image above.
5. Push the power cable through the hole and align the light with the pilot hole screws.
6. Attach the light using the 3 stainless steel screws by hand tightening with a screwdriver.



IMPORTANT: Do Not Over Tighten. Do Not Use Power Tools to tighten screws.

7. Use a damp cloth to wipe off excess sealant that was squeezed out around the light.

IMPORTANT: For underwater installation: Refer to the directions on the sealant to make sure it has fully cured before launching the boat into the water.

MAINTENANCE

LUMISHORE lights require infrequent or no cleaning if used regularly. In the event that your lens requires cleaning, we recommend the use of a soft cloth or soft bristled brush or the lens and light fixture body may become scratched. DO NOT use any cleaning fluids that contain solvents, acids or alkalis.

PRODUCT SUPPORT

If you have questions or comments, please e-mail info@lumishore.com or call USA (941) 405-3302, United Kingdom +44(0)1792 398500, or France +33(0)493 582 537.

LUMISHORE Ltd warrants the SMX-11 to be free from defects in workmanship and materials for a period of one year, starting from the date of original purchase. Misuse, abuse, improper installation, neglect, improper shipping, damage caused by disasters such as fire, flood, and lightning, installation by unqualified personnel, unauthorized repair or modification will void this warranty. For the avoidance of confusion and doubt, non-compliance with all installation, maintenance and operating instructions in this document constitute non-conformance with warranty terms. Full warranty details are available at www.lumishore.com