



## Sentinel Installation Instructions

Thank you for choosing Night Watch Marine LED underwater lights. Night Watch Marine products are designed to provide years of maintenance free service. The 100% hardened epoxy encapsulation prevents water intrusion through extreme temperature changes and environments.

All Lights are tested at the factory prior to packaging to insure a quality product to the customer.

The Sentinel Solid color lights operate at on 12 V DC systems, Color Change on 12V DC system only. Current draw is less than 2 amps at 13 Volts. Sentinel solid color lights have an automatic safety shut off should battery voltage reach 11.8V DC to prevent battery drain insuring engine starting on smaller vessels. Color change Sentinels do not have this feature.

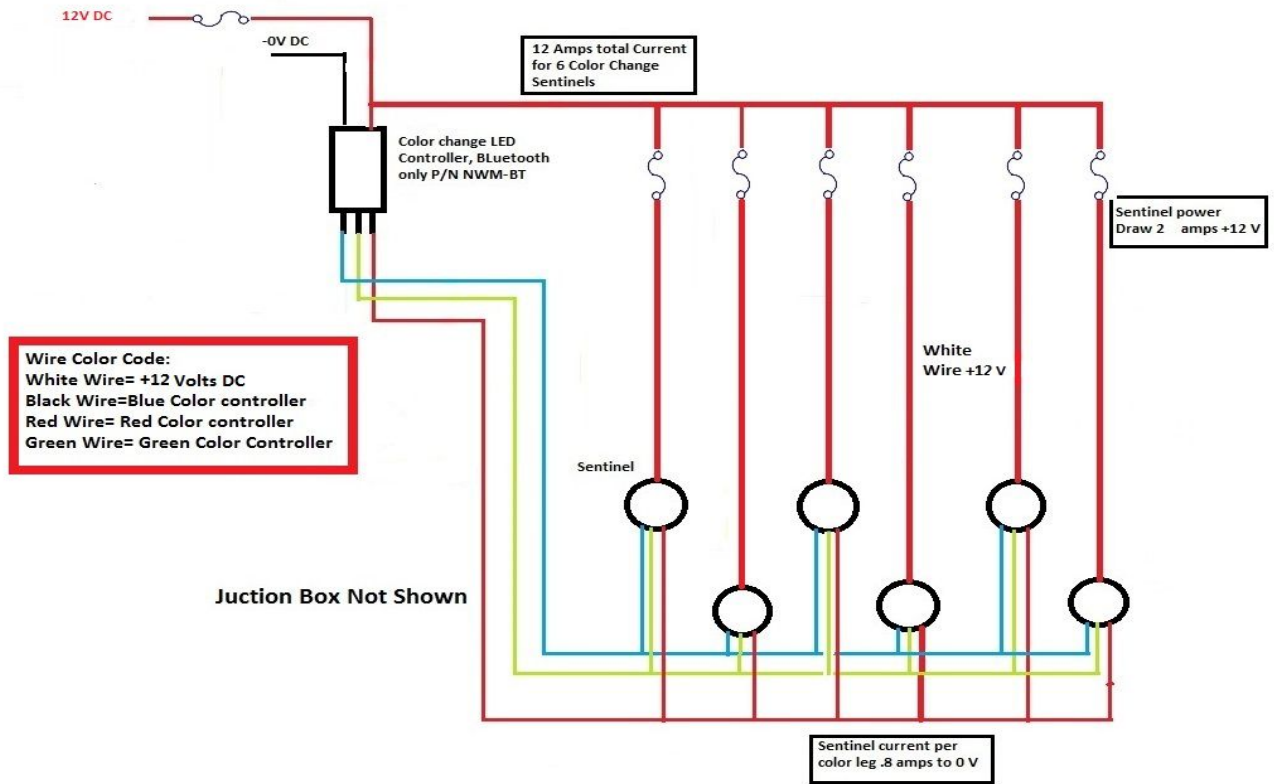
1. Remove bottom paint in desired light location; sand and clean surface
2. Drill a 7/16" (10 mm) hole to feed wire through
3. Apply marine adhesive such as 3M 4200 to back of light and the stainless protrusion that is pushed into the 10 mm hole with the wire
4. Secure the light with painters tape and allow adhesive to fully cure before removing tape
5. A stainless steel Push nut is included and can be installed over entry point inside the hull
6. Wire to the boats system as you would any other electrical devices using appropriate marine materials and wire for cable run distances

COLOR CHANGE SENTINELS: **White wire** is 12V DC only (Red on Boat's system). Black = Blue Light, Red=Red Light and Green = Green Light

Protect the lens from bottom paint application. Test lights but only run briefly out of water.

Note: Do not clean lens with abrasives, wipe clean only.

Six Sentinel color change and solid color circuits shown below.



Six Sentinel Solid Color Circuit:

