

Installation guide

Thank you for purchasing a Lopolight product. Our products are built to ensure a long lifetime in the most extreme marine conditions.

Connecting power:

Supply Voltage: Any DC voltage between 10 and 32 volts (12- and 24-Volt systems).

Current consumption: 200mA@24V / 390mA@12V

Connections:

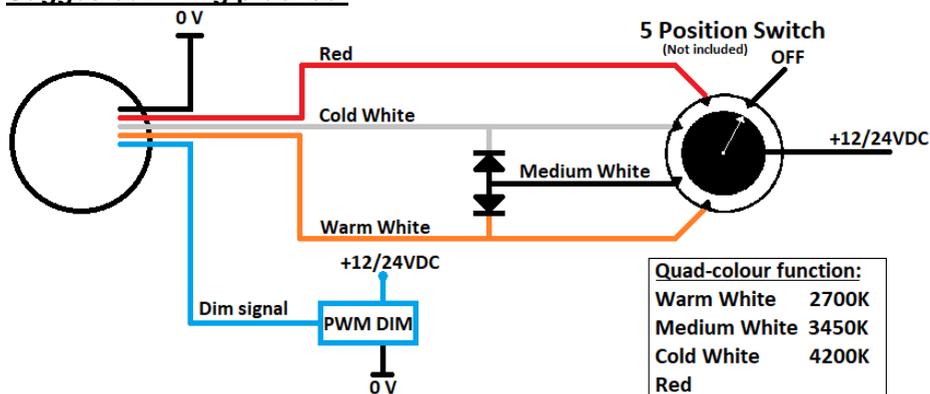
- Black** wire: Negative (-) Common
- Red** wire: Positive (+) for red light
- White** wire: Positive (+) for cold white light
- Orange** wire: Positive (+) for warm white light
- Blue** wire: PWM dimming

(Note: Product number 400-225 only comes with black & red wires)

Recommended fuse or circuit breaker: 0.5A per connected light.

Grounding: The navigation light housing can be connected to ground (Earth).

Suggested wiring practice:



Troubleshooting:

If the light does not function:

- Check that you have a supply Voltage between 10 and 32 Volt DC.
- Check that the polarity is right (you will not damage the Lopolight by accidentally wiring the polarity wrong).

PWM Dimming:

- In case the dimming wire is not connected the light will work at full intensity.
- We recommend the use of Lopolight P/N 400-126 as dimmer.

Mounting:

Go to www.lopolight.com (or use the QR code) and navigate to the 'products' section where the datasheet, that includes the dimensional drawing, is found.



Surface Mount 400-220 (-B):

Use the 3x M4 threaded holes, evenly spaced every 120°.

Flush mount 400-221 (-B):

It is intended to be mounted with an adhesive sealant. We recommend that you use Sikaflex or 3M 5200.

Surface Mount w. holes 400-222 (-B):

Use the 2x 4.2mm holes.

Thermal Management:

The 400-22x provides automatic thermal control, meaning that the power will gradually be reduced if the light-housing is warmer than 48°C.

Therefore, if possible, the unit should be mounted on a heat dissipating surface, that will enable constant high-power (4.8W) output.

Cleaning your product:

- Wipe off your product with a normal detergent, on a damp cloth.
DO NOT use alcohol or thinner for cleaning your light – this could damage the lens.

Warranty:

- This product is covered by our 5-year limited warranty.
- If you want to claim a warranty for your product, please fill in the form at www.lopolight.com/service



Test:

The light in this package meets the IEC 60945 standard.

