

INSTALLATION GUIDE

LIGHT INSTALLATION REQUIREMENTS

This installation guide is a general reference for installation of the Lopolight Deck Light.

For exact mounting dimensions and technical drawings, please scan the QR code or visit the product page and enter the relevant part number.

The Spreader Light is designed for professional marine applications and provides reliable illumination in demanding environments. Available in multiple mounting configurations, the light supports both flush and surface installation depending on vessel requirements.

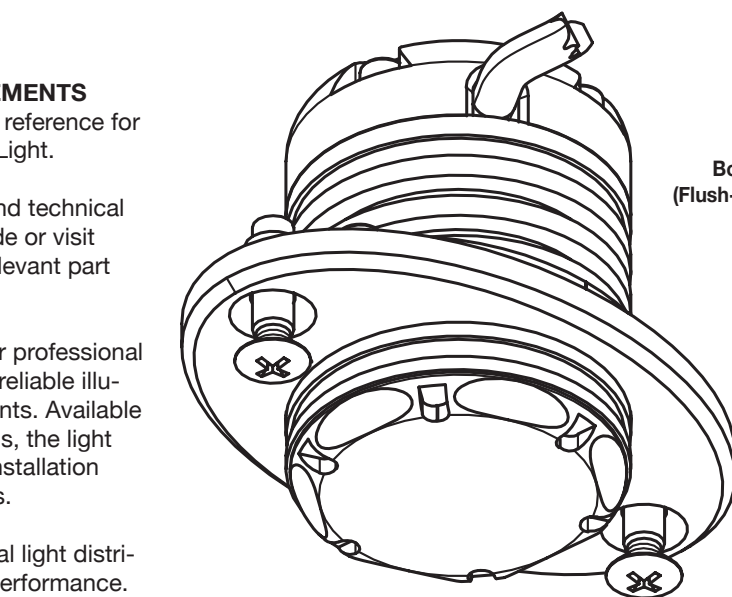
Correct installation ensures optimal light distribution, durability, and long-term performance.



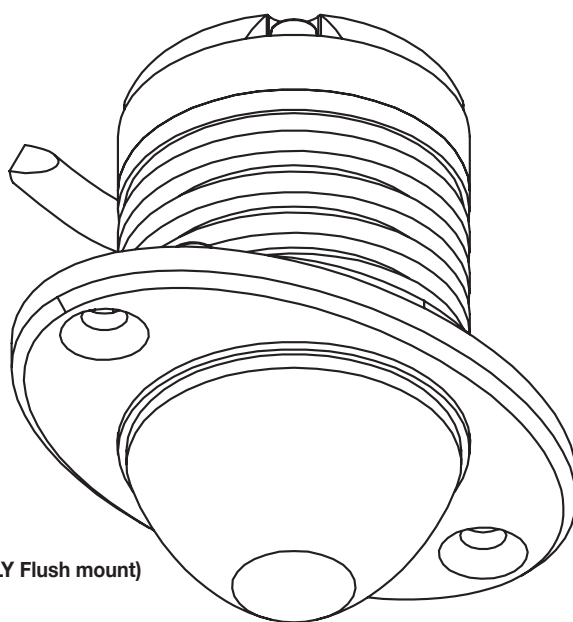
400-082 (26° Light)



400-083 (6° Light)



Boom down light
(Flush- or Surface mount)



Spreader light
(Surface mount)

(ONLY Flush mount)

MAINTENANCE:



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.



Troubleshooting:

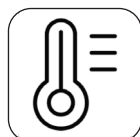
If the light does not function:

- 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).

WARRANTY:



- This product is covered by our 5-year limited warranty.
- Claim a warranty using www.lopolight.com/warranty or QR code.



Specified Ambient temperature area:

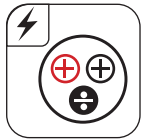
T_{amb}: -25°C to +55°C



Observe:

Make sure that the power cable is securely managed, avoid any pull on the cable, avoid any sharp bending or twisting. Do not drill or manipulate the light. Any of this will void the warranty

CONNECTING POWER:

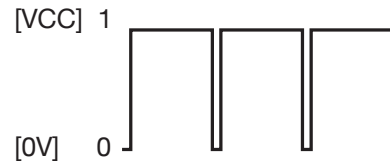


DC 12 to 32 Volts.
Black is negative (0 Volt)
Red is positive, function A
White is dimming

Up to 20 units may share the same dimming signal.

If the dimming wire is left unconnected, the light will operate at 100% intensity.

PWM: 0-VCC ~200Hz



Example: High duty cycle -> light appears dim
Leave (white) PWM wire floating if not used
(Suggested Lopolight PWM controller: P/N 400-144)

MOUNTING: CHECK & ENSURE PROCESS

1) Make sure that location chosen has no obstructions for the light output and the surface is fair, straight and flat

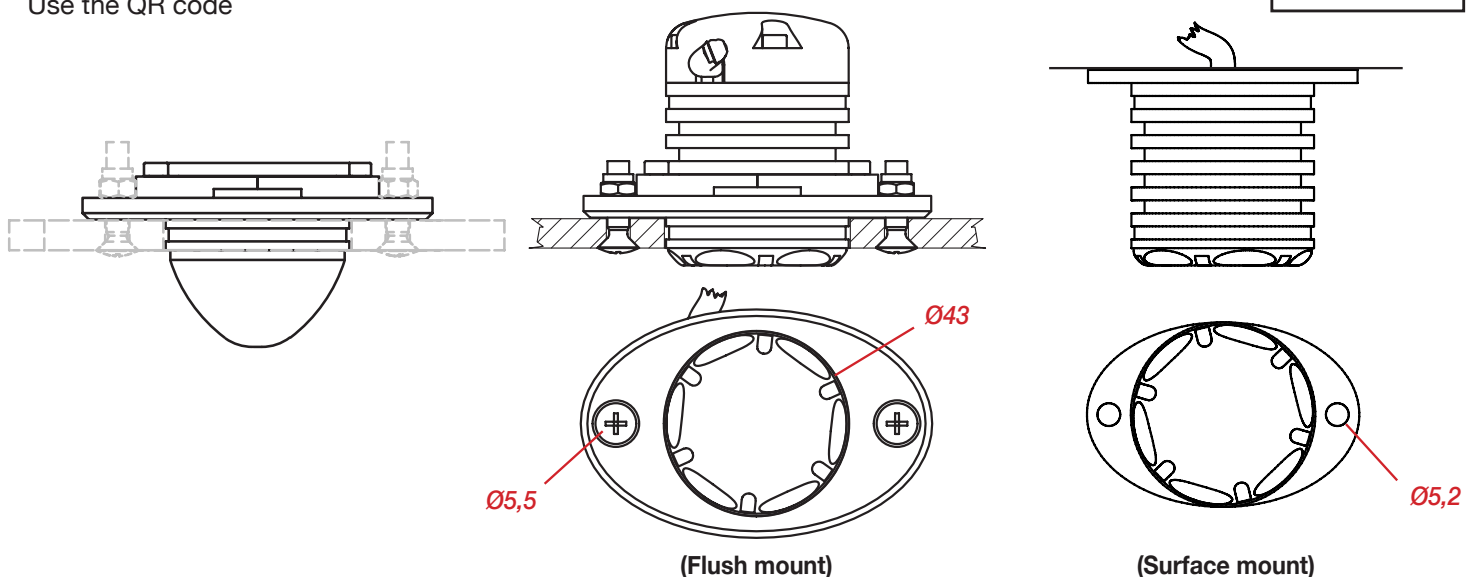
2) Prepare the installation surface according to the selected mounting configuration (flush or surface mount).

3) Mark the mounting holes and power cable-holes. Technical drawing files can be download from product page on the website. Use the QR code



4) Check that the power-supply cables are disconnected from any power-source at the feed-end. (Typically, Lopolight control system mounted in wheelhouse)

5) After installation, verify correct operation and dimming functionality. (Suggested Lopolight PWM controller: P/N 400-144)



LIGHT TYPES

