



Dear Customer,

Thank you for purchasing Lopolight's unique navigation light.
Lopolight products are covered by a 5-year limited warranty.

Read more about Lopolight at www.lopolight.com.

This sheet is a general guideline showing hints and examples. The general idea is that the mounting base can be shaped by the user to fit any individual mast. You can drill – cut and shape the base in any way you like, but do not destroy the cup shape where the light fits in. Remember that we have put a lot of effort into making your Lopolight as reliable as possible – and emphasize the importance of making a proper and thorough installation of both mechanical and electric parts. Good luck!

Please do NOT use alcohol for cleaning your Lopolight – this could damage the lens.

1. Remove old masthead light, and determine if the existing holes can be used. Drill new holes if necessary.
2. Mark the holes in the mounting base. The measurement taken under point 1 must now be marked on the mounting base.
3. Drill new holes in the mounting base.
4. Connect the power cable to your onboard system.
 For the 200-012/4/5: The BLACK lead is the ground, the RED lead is the positive (+).
 For the 200-012S: The BLACK lead is the ground, the RED lead is the positive (+) for **constant** light, the WHITE lead is the positive (+) for the **strobe** function
5. Make sure polarity is correct - Your Lopolight LED nav-light will only function if the polarity is correct.
All Lopolight products accept any voltage between 10 and 32 Volt.
6. The Lopolight can now easily be fitted on to the base, using the two lock screws. The base can be shaped in any suitable way to fit your needs.

Cable specifications

Cable quality: Black PUR cover.
Braided tinned copper shield
Leads: 0,50 mm² , tinned copper, PVC cover.
Resistant towards oil and water, and flame resistant.

The navigation light should not be grounded.

Troubleshooting

If the light does not function:
- Check that you have a voltage between 10 and 32 volts.
- Check that the polarity is right.

End of life signalling:

Your Lopolight product has a microprocessor inside that ensures that the light has the same intensity over its 50.000 hour lifetime. The light will signal to you when it is getting to the end of its useful life.
The following signals can be seen:
All OK: 5 seconds after turning on the light it will go dark for 0,1 second and turn on again. This is just a check for you to assure that the microprocessor is working.
Less than 2000 working hours left: The dark period is extended to **2 seconds**: You should change the light at your next service within the next 12 months.
Light expired: The dark period is extended to **5 seconds**: You should change the light immediately.

Type approval:

The light in this package comply with the following standards: EN-14744, UL-1104, Colreg-72, IEC 60945
The light in this package is recognized by the following major national maritime authorities:

- MCA (UK), QQ-MED-15/09-01, QQ-MED-15/09-02, QQ-MED-15/09-03
- USCG (USA), approved 09-2005 under 111.075 by recognized laboratory QinetiQ
- DMA (DK), 199942520
- RINA (Italy), ELE054806CS