



Part numbers:  
100-003, 100-005  
100-009, 200-003  
200-005, 200-007  
200-011KL  
200-012, 200-013  
200-014, 200-015  
200-020, 200-021  
200-022, 200-023  
200-030, 300-005  
300-008, 300-009

Thank you for your purchase.

**Connect the power cable** to your onboard system.

The black lead is minus (0 Volt), the red lead is the positive (+).

Make sure polarity is correct.

Your Lopolight LED navigation light will only function if the polarity is correct.

(you will not damage the Lopolight by accidentally wiring the polarity wrong).

This Lopolight product accepts any DC voltage between 10 and 32 Volt.

Please make sure that you select the correct circuit breaker or fuse, typ. 1A or 2A (slow blow).

The navigation light should not be connected to ground (Earth).

It is recommended to connect the cable screen to ground (Earth).

Please protect the power cable from chafe and route it away from sources of heat and large magnetic fields such as electric motors.

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

### **Troubleshooting:**

If the light does not function:

- Check that you have a voltage between 10 and 32 Volt DC.
- Check that the polarity is right.

### **End of life signalling:**

Your Lopolight product has a microprocessor inside that ensures that the light has the required intensity over a 50.000 hour projected lifetime.

The light will signal to you when it is getting to the end of its useful life.

The following signals can be observed:

- **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. (The light will still be working, even in the expired state)

### **Type approval:**

The light in this package complies with the following standards:

- EN-14744, UL-1104, COLREG72, IEC 60945

The light in this package has the following approvals:

- MED 1600011/M1, Module B, MCA/Lloyds Register
- MED 1800008/M2, Module D, MCA/Lloyds Register

P/N 600-322 - Installation instructions for Lopolight vertical mount navigation lights.