

180° WHITE LIGHT SINGLE, VERTICALLY MOUNTED

2 nautical miles 200-024 (<50m / <164')
3 nautical miles 300-124(>50m / >164')

The LED light consists of a single array of LEDs that produces light in the specified angle.

The precision machined 6082 aluminium housing with an anodized surface makes the light a rugged and durable housing for the LEDs and electronics contained within.

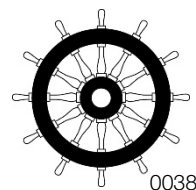
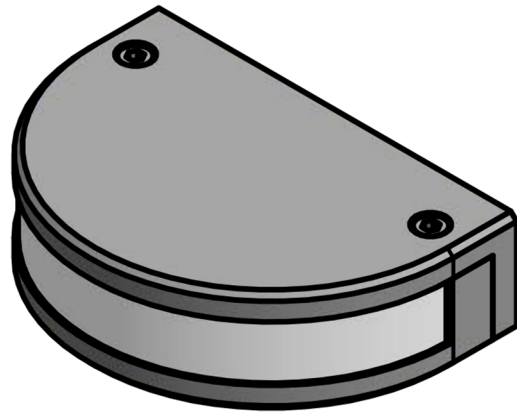
The interior is completely filled with a special potting resin making it water- and vibration proof.

Produced in our in-house manufacturing facility to meet and exceed exacting standards such as EN14744 and UL1104, under a quality management system continuously surveyed by Lloyds Register Quality Assurance.

Each light is subjected to final testing for a minimum of 16 hours of continuous operation bringing the total test time beyond 24 hours.

This navigation light is in compliance with the following standards:

- COLREG72
- EN14744
- IEC 60945
- USCG (UL1104)



Together with an appropriate Control & Monitoring System, such as Lopolight's own NLC* this navigation light can form part of an IMO MSC 253(83), LY3 and LY4 compliant system.

*) information found here: www.lopolight.com/NlcPanel

Technical specifications**200-024;**

Vessel size: <50m (<164')

Visibility: >2 nautical miles

Intensity: >5,4cd

Power consumption: 1,3 Watt; Current: 0,11A@ 12 VDC – 0,06 @ 24 VDC

300-124;

Vessel size: >50m (>164')

Visibility: >3 nautical miles

Intensity: >15cd

Power consumption: 1,3 Watt; Current: 0,11A @12 VDC - 0,06A @24 VDC

Operating voltage: 10 - 32 V DC

Number of LEDs: 12

Light colour: **White**

Operating temperature: -25°C to +55°C

IP Rating: **IP68**Mounting: **Vertical**Connection: 1 cable consisting of 2 x 0,5 mm² leads, a screen and insulation.

- Red lead = Power
- Black lead = GND

Certification: The product is certified by Lloyds (LR) and certificates can be found on www.lopolight.com under certificates.

The product is in compliance with the following standard(s):
COLREG72 / EN14744 / IEC 60945 / USCG (UL1104)

Dimensions: **See drawing**Weight: **0,34kg**Warranty:

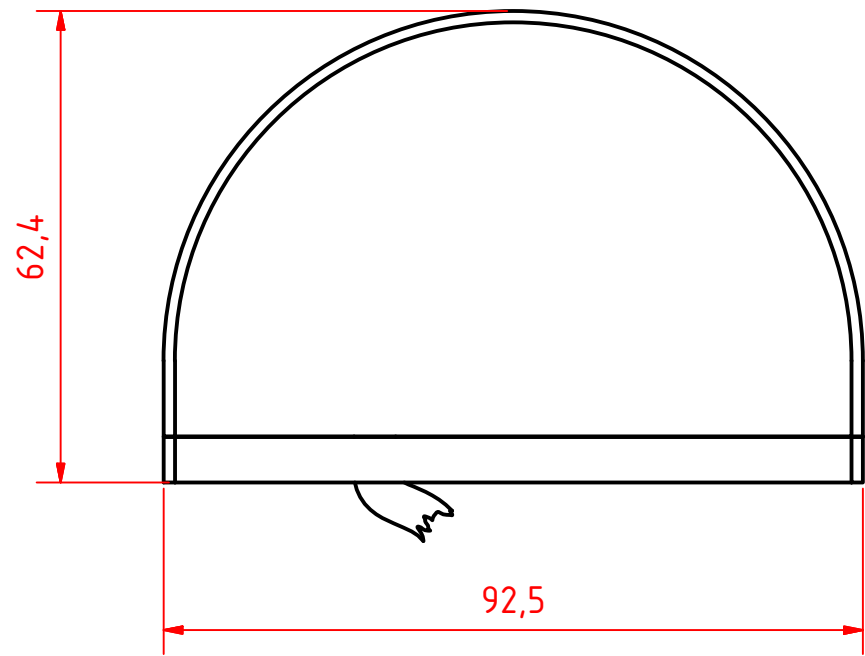
Lopolight products are covered by a 5-year limited warranty.

Warranty conditions can be found on www.lopolight.com/Home/ServiceIncluded in package:

- 1 pc. Navigation light, pre-cabled with 0,75m marine grade cable
- 2 pcs. Mounting screws (M6 x 8 mm)
- Installation instructions

Ordering information

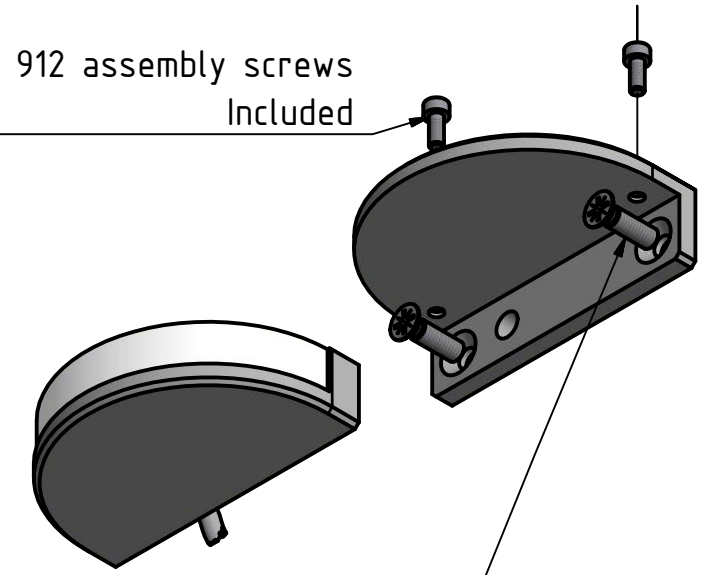
| VISIBILITY | CABLE LENGTH | PART NUMBER SILVER FINISH | PART NUMBER BLACK FINISH |
|------------------|----------------------------|---------------------------|--------------------------|
| 2 nautical miles | 0,75m / 2.5' (standard) | 200-024 | 200-024-B |
| | 6m / 19.7' | 200-024 6M | 200-024-B 6M |
| 3 nautical miles | 0,75m / 2.5' (standard) | 300-124 | 300-124-B |
| | 2,5m / 8.2' | 300-124 2.5M | 300-124-B 2.5M |
| | 6m / 19.7' | 300-124 6M | 300-124-B 6M |
| | 10m / 32.8' | 300-124 10M | 300-124-B 10M |
| | 20m / 65.6' | 300-124 20M | 300-124-B 20M |



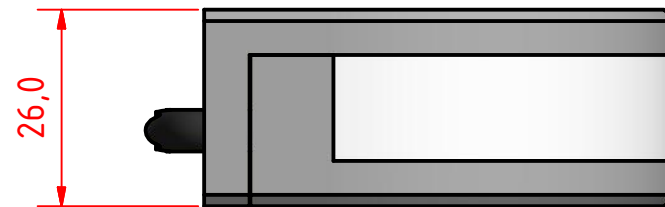
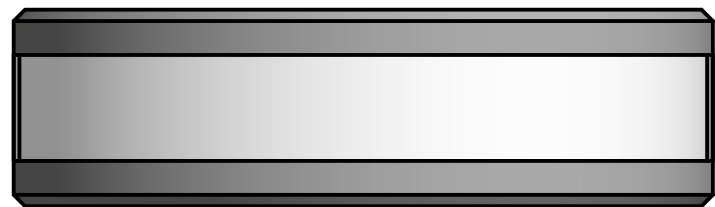
Mounting Instructions:

- Remove the two DIN 912 screws on the top side of the assembly, thus releasing the navigation light from its mounting bracket.
- Drill the holes for the machine screws and the cable as shown on the measurements. Thread the screw mounting holes if applicable to the specific situation.
- Mount the mounting bracket onto the super structure using two 6m countersunk machine screws. Make sure that the surface is flat and vertical.
- Resassemble the Navigation light

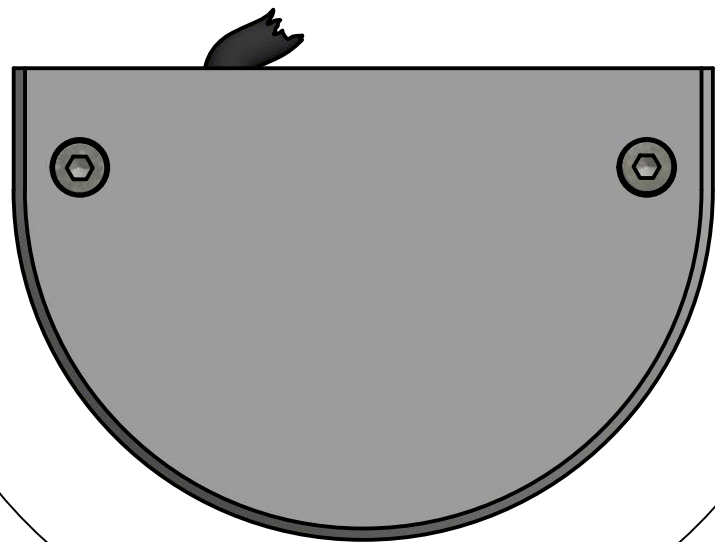
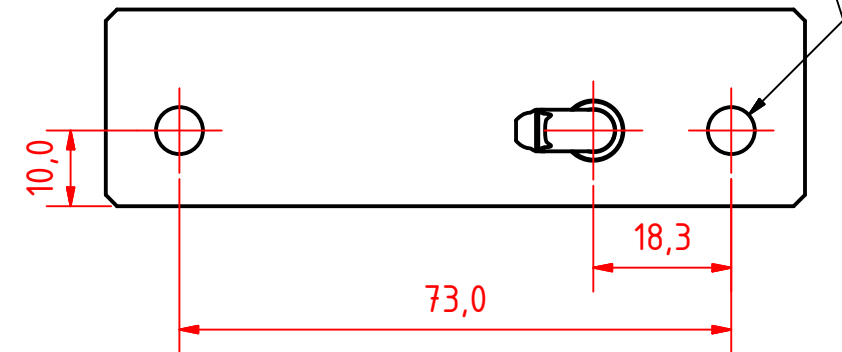
DIN 912 assembly screws
Included



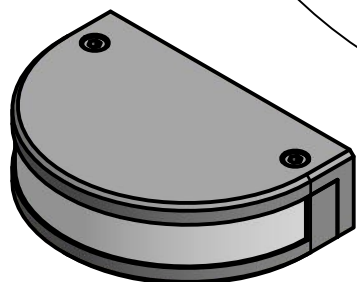
M6 counter sunk,
mounting screws not included.



M6 Machine screw thread Typ. 2



180 deg. White



50MM AT A3

200-024 180 degree White, 2 Nautical Mile

| | | | |
|---------------------------|----------------|-------------|-------------------|
| DRAWING NO.: 200-024AA | REV. NO.: 0 | SIZE: A3 | DRAWN BY: Paul |
|---------------------------|----------------|-------------|-------------------|

| | | |
|---------------|------------------------------|--------------------|
| SCALE: 1:1 | TOLERANCES: DS/ISO 2768-f | REVIEWED BY: JM |
|---------------|------------------------------|--------------------|

MATERIAL DESCRIPTION:
Anodized Aluminium & Acrylic Glass

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