ORDER CODE

# 310173 / 310173-EX

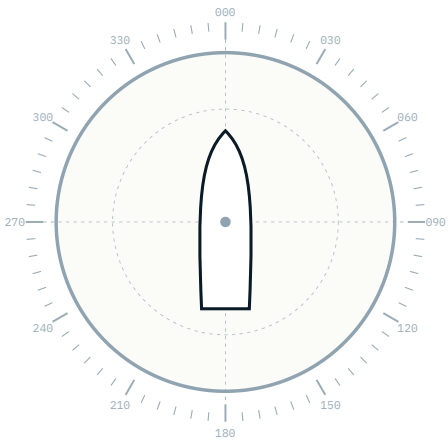
## MOSNL50D Anchor Manoeuvre

Vessels of 50 m and over · 5 NM · 7.6 W · 24 V DC · IP67 · MED



Fig. 1 · MOSNL50D double housing

Fig. 2 **Horizontal sector**




Shows a white light over the whole horizon of 360°, for use as anchor and manoeuvring light.

### LIGHT

| | |
|---|---|
| Type | Anchor Manoeuvre |
| Colour | White |
| Horizontal sector | 360° |
| Visibility (range) | 5 NM |
| Light source | High-power LED |
| LED lifetime | > 60,000 h |

### ELECTRICAL

| | |
|---|---|
| Supply voltage | 24 V DC |
| Power consumption | 7.6 W |

### MECHANICAL

| | |
|---|---|
| Housing | Hard-anodised, saltwater-resistant aluminium |
| Lens | UV-resistant quartz glass |
| Screws | Stainless steel |
| Dimensions (H × base × top) | 154 × 110 × 75 mm |
| Mounting holes | 4 × Ø7 mm on a 63.61 × 63.61 mm square |
| Weight | 1500 g |

### ENVIRONMENT

| | |
|---|---|
| Protection class | IP67 |
| Operating temperature | −25 °C to +85 °C |

### APPROVALS

| | |
|---|---|
| Marine equipment | MED Wheelmark, Directive 2014/90/EU, item MED/6.1 |
| Standards | EN 14744:2005 + AC:2006 · IEC 60945:2002 + Corr.1:2008 · COLREG 72 Annex I |
| Explosion protection | ATEX II 3G Ex ec IIC T4 Gc (Ex version) |

## 01 Dimensions

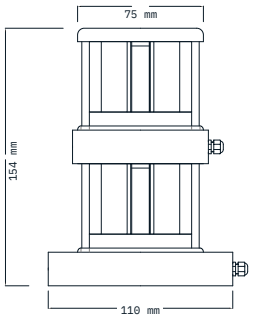



Fig. 3 · Side view, double housing · 154 × 110 × 75 mm

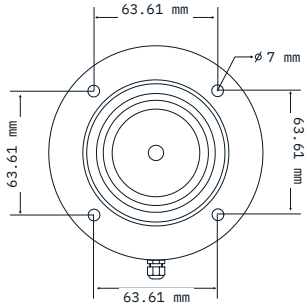



Fig. 4 · Plan view, mounting holes 4 × Ø7 mm

## 02 Design features

01
### Built for salt water
Hard-anodised aluminium body, quartz glass lens and stainless steel screws.

02
### Sealed to IP67
Dust-tight and protected against temporary immersion.

03
### 60,000+ hours
High-power LED source: years of service without lamp changes.

04
### Thermal management
Epoxy-coated LED driver, protected for maximum service life.

05
### −25 to +85 °C
Operating range for every climate and season at sea.

06
### Maintenance friendly
No bulbs to replace, robust design for long intervals.

## 03 Ordering information

| CODE | DESCRIPTION | VERSION |
|---|---|---|
| **310173** | MOSNL50D Anchor Manoeuvre | Standard version |
| **310173-EX** | MOSNL50D Anchor Manoeuvre Ex | ATEX Zone 2 · II 3G Ex ec IIC T4 Gc |

## 04 Certificates

**MED Module B**
ME-C-0325/B/2/24
EC type-examination
Notified body 0437 · valid to 29.12.2027

**MED Module D**
ME-C-0696/D/1/26
Production quality assurance
Notified body 0437 · valid to 29.12.2027

**ATEX**
SCA25ATEXV061X
Type examination, Directive 2014/34/EU
II 3G Ex ec IIC T4 Gc

## 05 Standards

- EN 14744:2005 incl. AC:2006 – navigation lights
- IEC 60945:2002 incl. Corr.1:2008 – maritime equipment, EMC and environment
- COLREG 72, Annex I – positioning and technical details of lights
- IMO Res. MSC.253(83) – performance standards for navigation lights
- EN IEC 60079-0:2018, EN 60079-7:2015/A1:2018 – explosive atmospheres

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