ORDER CODE

310116

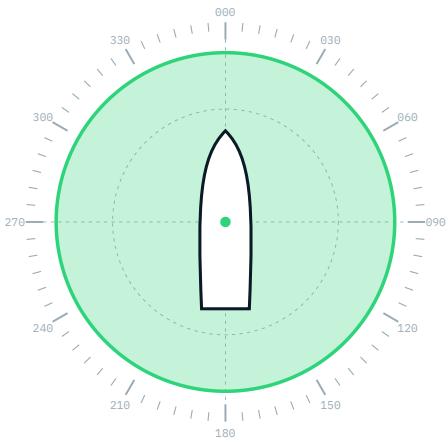
MOSNL50U All Round Green 360°

Vessels under 50 m · 2 NM · 1.5 W · 24 V DC · IP67 · MED



Fig. 1 · MOSNL50U single housing

Fig. 2 **Horizontal sector**



Shows an unbroken green light over the whole horizon of 360°.

LIGHT

Type	All Round Green 360°
Colour	Green
Horizontal sector	360°
Visibility (range)	2 NM
Light source	High-power LED
LED lifetime	> 60,000 h

ELECTRICAL

Supply voltage	24 V DC
Power consumption	1.5 W

MECHANICAL

Housing	Hard-anodised, saltwater-resistant aluminium
Lens	UV-resistant quartz glass
Screws	Stainless steel
Dimensions (H × base × top)	84 × 110 × 75 mm
Mounting holes	4 × Ø7 mm on a 63.61 × 63.61 mm square
Weight	900 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

01 Dimensions

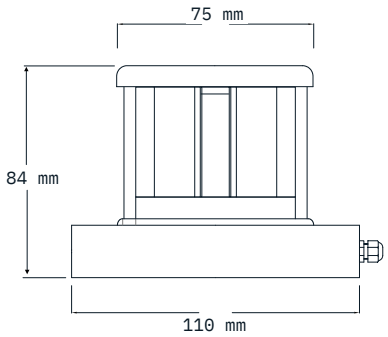


Fig. 3 · Side view, single housing · 84 × 110 × 75 mm

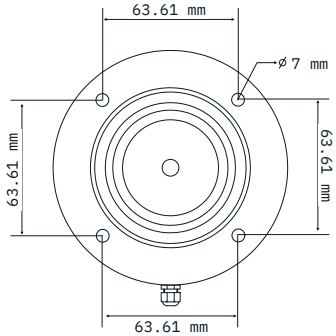


Fig. 4 · Plan view, mounting holes 4 × Ø7 mm

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
310116	MOSNL50U All Round Green 360°	Standard version

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

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

IP67 UV

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