
Small craft — Navigation lights — Installation, placement and visibility

*Petits navires — Feux de navigation — Installation, positionnement
et visibilité*





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ISO copyright office
Case postale 56 • CH-1211 Geneva 20
Tel. + 41 22 749 01 11
Fax + 41 22 749 09 47
E-mail copyright@iso.org
Web www.iso.org

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Contents

Page

Foreword	iv
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Placement, installation and visibility of navigation lights	2
4.1 General	2
4.2 Placement	2
4.3 Installation	3
4.4 Configuration — Minimum visibility and positioning requirements	3
Annex A (normative) Information and instructions to be included with owner's manual	9

Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

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The main task of technical committees is to prepare International Standards. Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

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Small craft — Navigation lights — Installation, placement and visibility

1 Scope

This International Standard specifies requirements and gives guidelines for the placement, installation and visibility of navigation lights as described in COLREG for recreational craft of less than 24 m in length of hull, as described in ISO 8666. [Annex A](#) lists additional information to be included in the owner's manual.

NOTE Other national regulations may apply for craft on certain waters.

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 8666, *Small craft — Principal data*

ISO 10133, *Small craft — Electrical systems — Extra-low-voltage d.c. installations*

ISO 10240, *Small craft — Owner's manual*

ISO 13297, *Small craft — Electrical systems — Alternating current installations*

The Convention on the International Regulations for Preventing Collisions at Sea, 1972, as amended (COLREG)

3 Terms and definitions

For the purposes of this document, the terms and definitions given in ISO 8666 and the following apply.

3.1

navigation light

coloured source of illumination on recreational craft used to signal a craft's position, heading, and status

Note 1 to entry: The International Maritime Organization (IMO) has clarified the use of "lantern," as in "combined lantern," and "light," as in "sidelight," as being the same. "Light" and "lantern," in this context, are the same and interchangeable with the term "navigation light", and refers to the whole assembly and all of its parts.

3.2

all-round light

unbroken light over an arc of the horizon of 360°

3.3

combination sidelight

single navigation light where sidelights are combined into one lantern showing green to starboard and red to port from straight ahead to 22,5° abaft the beam ($90^\circ + 22,5^\circ = 112,5^\circ$) on their respective sides carried on the fore and aft centre line

3.4

masthead light

white light placed over the fore and aft centreline showing an unbroken light over an arc of the horizon of 225°, fixed to show the light from straight ahead to 22,5° abaft the beam ($90^\circ + 22,5^\circ = 112,5^\circ$) on either side of the craft