

# TRANBERG® NAVIGATION LIGHT

TEF 2850 Ex Navigation Light for vessels 20-50m and more than 50m in length  
Zone 2 & Safe Area



R. STAHL TRANBERG navigation lights are all designed for rough environments. It is the policy of R. Stahl Tranberg to provide products and services that meet the highest standards of quality in the industry and the performance needs and expectations of our customers.

## Application

- Navigation lights for vessels 20 - 50 meters and more than 50 meters in length

## Features and benefits

- Integrated terminalbox, no need for extra connection box
- Hinged on top - enabling quick replacement of light source
- All round lanterns are delivered with mounting bracket for 2" pipe
- Designed for use in arctic and tropical waters
- Resistant to vibrations
- Lens of coloured glass, - no de-colouration throughout the lifetime of the lantern, can easily be cleaned for paint, bird droppings, pollution and oil
- Lamp to be in accordance with Norwegian Standard NS 2785 or equivalent

## Approvals and certificates

EC type examination MEDB000025U issued by DNV-GL

PRESAFE 14 ATEX 5436X

IECEx PRE 14.0055X

**Special conditions:** Resistance to impact

Achievement of this objective requires that all products perform reliably and efficiently and in a manner that assures continuing market competitiveness. The design of Tranberg navigation lights is based on many years of experience and extensive research in the field of professional Marine lighting.

Carefully selected materials are used to ensure maximum performance, low maintenance and a long trouble free life. Proven through years of use in rough environments, navigation lights from R. Stahl Tranberg are the obvious choice by many vessel designers, ship owners and yards throughout the world.



## Technical Data

Material:	Powder coated aluminium, lens of colored glass.
Input voltage*:	According to installed light bulb, max. 230V
Light Source:	55W for vessels 20-50 meters. 85W for vessels over 50 meters.
Lamp base:	B22
Power consumption:	55-85W
Ingress protection:	IP56
Cable gland:	M20 (Ø9,0-14,3mm)
Area of use:	Ex Zone 2 and Safe Area
Ex classification:	⊕ IIG Ex nR IIC Gc T5
Operating temperature:	-52°C ....+45°C

is tested with reduced values, according to IEC 60079-0(2011) 26.4.2, "low risk of mechanical damage".

**Compliance standards:** Directive EU 2015/559 Annex A.1 item No. A.1/6.1 and Annex B module B, COLREG 72 as amended, Annex I/14, IMO Res A.694(17), IMO Res MSC.253(83) IEC 60079-15(2010), IEC 60079-0(2011)

TRANBERG STAHL

THE STRONGEST LINK.

## R. STAHL TRANBERG AS

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Description	Type	Colour	Weight	Part No.	
TEF 2850 Navigation light Zone 2	Masthead	225°	White	3,7 kg.	2850 0029
TEF 2850 Navigation light Zone 2	Starboard	112,5°	Green	3,7 kg.	2850 1029
TEF 2850 Navigation light Zone 2	Port	112,5°	Red	3,7 kg.	2850 2029
TEF 2850 Navigation light Zone 2	Stern Suez	135°	Red	3,7 kg.	2850 3229
TEF 2850 Navigation light Zone 2	Stern towing	135°	Yellow	3,7 kg.	2850 3329
TEF 2850 Navigation light Zone 2	Stern	135°	White	3,7 kg.	2850 3529
TEF 2850 Navigation light Zone 2	All round	360°	White	3,7 kg.	2850 5029
TEF 2850 Navigation light Zone 2	All round	360°	Green	3,7 kg.	2850 5129
TEF 2850 Navigation light Zone 2	All round	360°	Red	3,7 kg.	2850 5229

Description Options and Spare Parts	Part No.
Light source, B22 65cd 85W 220V	9400 001
Light source, B22 35cd 55W 220V	9400 003
Light source, B22 35cd 55W24V	9400 005
Mounting Bracket 1"	2622
Mounting Bracket 2"	2615
Lamp holder B22	5088 0010
Gasket, junction box	5001 0041
Cable gland M20 (Ø5,0-10,0mm)	5657

## Dimensions

**Sector Navigation Light**

280A4274

**All Round Navigation Light**

285A12069



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