

# TRANBERG® LIGHTING

TEF 2488 Panama Steering Light

Safe Area



Tranbergs luminaires are all designed for use in rough environments. It is the policy of 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.

The design of Tranberg luminaires is based on many years of experience and extensive research in the field of professional Marine lighting.

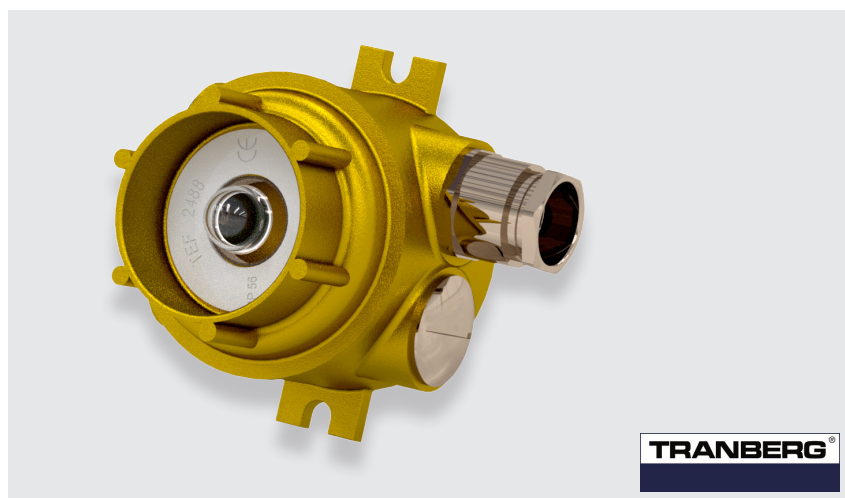
Carefully selected materials are used to ensure maximum performance, low maintenance and a long troublefree life.

## Application

- Panama Steering Light

## Features and benefits

- Watertight
- Maintenance free
- Proven ingress protection
- Estimated lifetime 100.000 hours
- Resistant to vibrations



## Technical Data

Material:	Housing: cast brass Lens: polycarbonate
Input voltage:	230/240V AC 50/60Hz 115 V AC 50/60Hz 24V AC/DC
Power consumption:	2 Watt
Light output:	2 candela
Ingress protection:	IP56
Operating temperature:	-30°C to +45°C
Weight:	0,65 kg.
Standard cable entries:	1 x M25 cable gland 1 x M25 stopping plug
For use in zone:	Safe area

TRANBERG STAHL

THE STRONGEST LINK.

## R. STAHL TRANBERG AS

Main office | Strandsvingen 6 | N-4032 Stavanger, Norway | T +47 51 57 89 00 | E info.no-st@r-stahl.com | stahl-tranberg.com  
Oslo office | Luhrtoppen 2 | N-1470 Lørenskog, Norway | T +47 24 08 44 10 | E info.no-os@r-stahl.com | stahl-tranberg.com

# TRANBERG® LIGHTING

TEF 2488 Panama Steering Light

Safe Area

## Approvals and certificates

**Title 35-PANAMA CANAL Chapter I - Canal Zone Regulations**

**SUBCHAPTER C - SHIPPING AND NAVIGATION**

**Part 103 - GENERAL PROVISIONS GOVERNING VESSELS**

### Clear View Forward From the Bridge and Steering Requirement for Certain Vessels Section

103,27, Part 103 of Title 35, Code of Federal Regulations is amended by changing its heading, by making the former section paragraph (a) of the amended section, and by adding paragraphs (b), (c), (d), (e) and (f) as follows:

#### § 103,27 Clear view forward from the bridge and steering light requirement for certain vessels.

(a) A vessel may not be navigated in Canal Zone waters unless there is a clear, unobstructed view forward from the bridge.

(b) All vessels over 100 m (328 feet) in length shall have installed, at or near the stem, a steering range equipped with a fixed blue light which shall be clearly visible from the bridge along the centerline.

If said range and light so placed, would be partially or completely obstructed, then two such ranges and lights must be installed at an equal distance from the centerline and shall be clearly visible from the bridge along lines parallel to the keel.

(c) Naval military vessels exempted from the requirements of Part 111 of this chapter shall also be exempt from the requirements of paragraphs (b), (d), (e) and (f) of this section.

(d) The light required by this section shall be capable of being illuminated and extinguished by a suitable control switch located either on the navigation bridge or on the forecastle deck, or both.

(e) The use of this steering light shall be at the discretions of the Panama Canal Pilot who has control of the vessel.

(f) This section be effective January 1, 1971.

(76A Stat. 46, 2 C.Z.C sec. 1331; 35 CFR 3.1(a)(1))

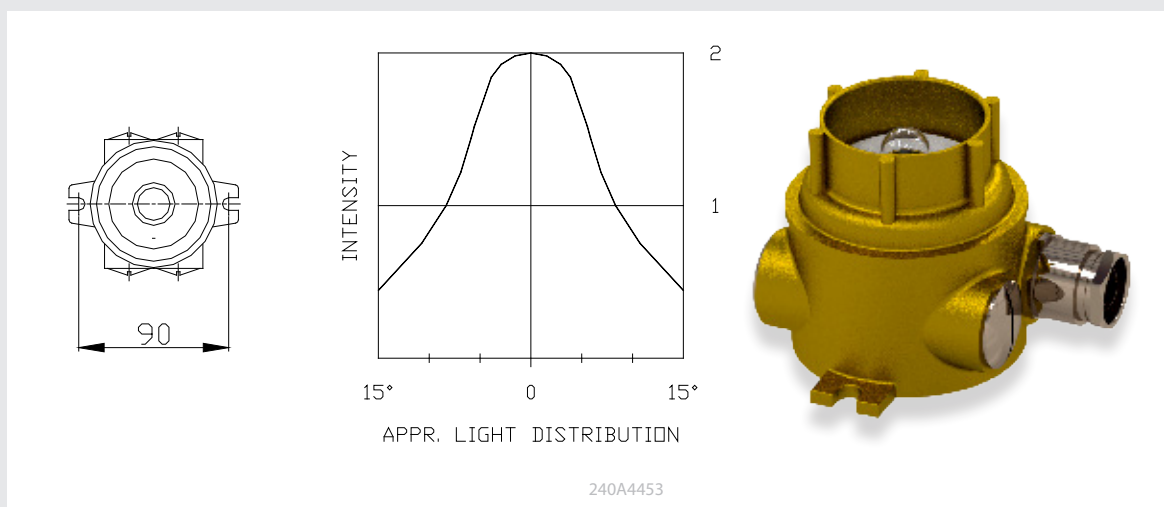
Dated: July 20., 1970

STANLEY R. RESOR.

Secretary of the army

Description	Part No.
Blue steering light for Panama, St. Lawrence, Kiel ect. canals 230VAC	2488 150
Blue steering light for Panama, St. Lawrence, Kiel ect. canals 115VAC	2488 151
Blue steering light for Panama, St. Lawrence, Kiel ect. canals 24VAC / DC	2488 152

## Dimensions



R. STAHL TRANBERG AS

Main office | Strandsvingen 6 | N-4032 Stavanger, Norway | T +47 51 57 89 00 | E info.no-st@r-stahl.com | stahl-tranberg.com

Oslo office | Lührtoppen 2 | N-1470 Lørenskog, Norway | T +47 24 08 44 10 | E info.no-os@r-stahl.com | stahl-tranberg.com