



- 100 000 hour life time
- Ease of installation
- Sealed and Maintenance free
- Compact design - low weight
- IP 68
- Easily cleaned with water
- Junction-box free, 10meters flying lead

E6

MY R. STAHL T2891B



The Tranberg Compact Navigation Lights are highly effective and energy efficient, providing optimised performance on a small footprint, and delivering a sustainable, high quality and cost effective lighting solution. Due to its high quality material (state of the art glass and anodized aluminium) it is a highly robust navigation light, enduring harsh weather. In addition it comes with ease of installation (10m flying lead), saving installation time and cable expenses. Extended heating module is available for arctic conditions. The Tranberg Compact Navigation Light is part of an integrated portfolio of lighting solutions with easy upgrades, access to Tranberg's Commander System for smart operations, and ability to integrate with bridge system.

#### Application:

Compact EX navigation light for ships.

	IECEX / ATEX					
Zone	0	1	2	20	21	22
Installation in			•			

Selection Table

Lamp		LED				
Lamp type	Opening angle	Colour of glass	Visibility range 20-50m	Product Type	Art. No.	Weight
1/2 allround light	180 °	Red	3 nm	TEF2891711	337566	500 g
1/2 allround light	180 °	Green	3 nm	TEF2891611	337561	500 g
1/2 allround light	180 °	White	6 nm	TEF2891511	337556	500 g
Allround light	360 °	Blue	3 nm	TEF2891901	337571	500 g
Allround light	360 °	Green	3 nm	TEF2891601	337559	500 g
Allround light	360 °	Red	3 nm	TEF2891701	337564	500 g
Allround light	360 °	White	6 nm	TEF2891501	337554	500 g
Allround light	360 °	Yellow	3 nm	TEF2891801	337569	500 g
Masthead	225 °	White	6 nm	TEF2891001	219695	263 g
Port	112.5 °	Red	3 nm	TEF2891201	337549	500 g
Starboard	112.5 °	Green	3 nm	TEF2891101	337547	500 g
Stern	135 °	White	6 nm	TEF2891301	337551	500 g
Stern cleats	135 °	Yellow	3 nm	TEF2891401	337553	500 g

E6

## Technical Data

### Explosion Protection

IECEX gas certificate	IBExU16ATEXB003 X
IECEX gas explosion protection	Ex ec IIC T4 Gc
IECEX dust certificate	IBExU16ATEXB003 X
IECEX dust explosion protection	Ex tb IIIC T130 °C Dc

### Electrical Data

Rated operational voltage DC	24 V
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### Ambient Conditions

Ambient temperature	-50 °C ... +55 °C
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### Lighting Data

Lamp	LED
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### Mechanical Data

Enclosure material	Aluminium, powder-coated, Seawater-resistant
Material dome	Glass
Degree of protection (IP) (IEC 60529)	IP68

## Dimensional Drawings (All Dimensions in mm [inches]) – Subject to Alterations

