TRANBERG® BlueLine Navigation Light

TEF 2880 LED

For Vessels >50m in Length

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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.

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.

Application

- Navigation light for ships >50m in length.
- Signal light required by various national waters and canal authorities.

Features and benefits

- Both simplex (single light source) and duplex (two light source) versions.
- Compact dimensions.
- Up to 200 000 working hours. (Duplex lights: 100 000 h for each light source).
- Monitored light source with alarm signalling in case of failure.
- Build-in timer.
- Easy installation - The QPD plugs from Phoenix Contact allows for a faster and more secure cable installation.
- Glass lens.
- Patent pending.

Options

- White painted housing
- Single cable entry for duplex lights
- Contact R. STAHL TRANBERG for other combinations or features.

Approvals and certificates

DNV-GL MEDD000006D

* *Black is standard, white painted is an option.*

Technical Data

Material:	Anodized seawater resistant aluminium, stainless steel and glass
Working hours:	100 000 h (each light source)
Power supply:	24V DC -25% / +30%
Power consumption:	Max. 22W, dependent on model
Ingress protection:	IP 66/67
Operating temperature:	-30° to +55°C
Light Source:	LED
Weight:	Simplex 2,0 kg & Duplex 2,5 kg

TRANBERG **STAHL**

THE STRONGEST LINK.

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Dimensions

Simplex

120 ±1

120 ±1

4x ⌀ 8,30

140

140

Approx. 180

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Duplex

Duplex:
1 or 2 plugs

120 ±1

120 ±1

4x ⌀ 8,30

186

Approx. 180

140
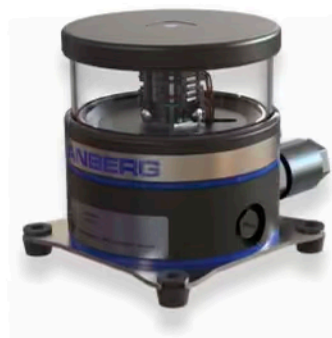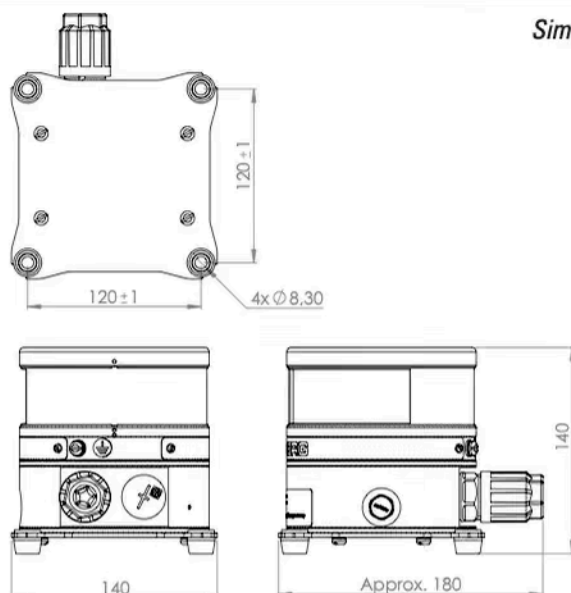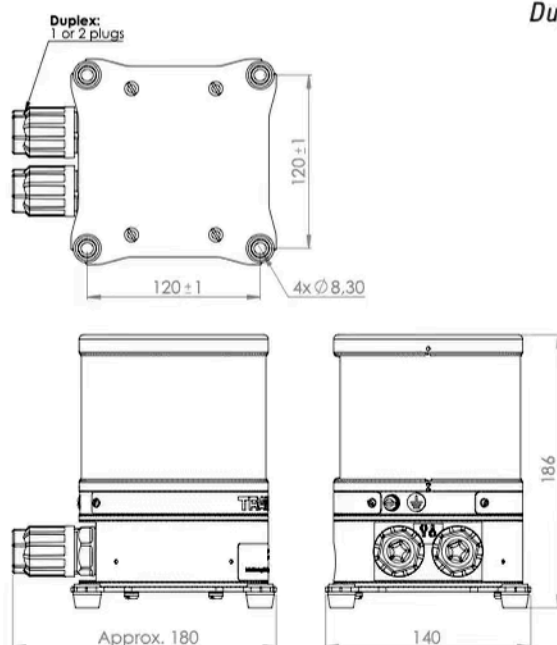
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Part No Matrix

2880	A		B		C		D		E	
Type	**Sector**		**Color**		**Visible Range**		**Option (Functional)**		**Option**	
2880	0	Simplex All-round 360°	0		0		0	None	0	None
2880	1	Simplex Half All-round 181°	1	White	1	1 nm	1	DI/DO (On/Off or blinking function)	1	White painted.
2880	2	Simplex Masthead / Side 225°/112,5°	2	Red	2	2 nm	2		2	
2880	3	Simplex Stern 135°	3		3	3 nm	3	DI/DO ("push-button" dimming function)	3	
2880	4	Simplex Prehoistable Allround 360°	4	Green	4		4		4	
2880	5	Simplex Panama Steering	5	Blue	5	5 nm	5	Blink light 30/min.	5	
2880	6	Duplex All-round 360°	6	White/Red	6	6 nm	6	Blink light 60/min.	6	
2880	7	Duplex Half All-round 181°	7	White/Green	7		7	Blink light 120/min.	7	
2880	8	Duplex Masthead / Side 225°/112,5°	8	Red/Yellow	8		8	Blink light 180/min.	8	
2880	9	Duplex Stern 135°	9	Red/Green	9		9	Single cable entry for duplex model.	9	

To order a TRANBERG® LED 2880 Navigation light please use the Part No matrix shown above.

Example of how to order:

Choose type 2880 in first column, then if you f. example wish to order a Masthead 225°, White, 6 nm:

- Choose column A row number 2 (Simplex Masthead / Side 225°/112,5°).
- Choose column B row number 1 (White).
- Choose column C row number 6 (6 nm).
- Choose column D row number 0 (None).
- If you want to order standard black version choose column E row number 0 (None).

The full part number will be: 288021600.

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Spare parts	Description	Part No.
	Cable termination nut Ø6-11mm	50500223
	Cable termination nut Ø9-16mm	50091435
	Plug connector for cable Ø6-11 mm	50500224
	Plug connector for cable Ø9-16 mm	50500225
	Protective cap for unused cable entries IP68	50500226
	Breather plug M12 IP68	50091434
	Stopping plug M25	50091436
	Standoff feet M8, set of 4 pcs	7247
	Mounting adapter to 155x155 mm M10 hole pattern	6694
	Mounting adapter to TEF 2850 & TEF 2870 hole pattern	6693