# TRANBERG®

# \* WINDSOCK TEF 9968 WINDSOCK WITHOUT INTERNAL ILLUMINATION ZONE 1, ZONE 2 & SAFE AREA

Subject to change without prior notice TPS5154 REV. B 30.06.2017



The Tranberg TEF 9968 LED windsock offers a range of different obstruction lights.

The TEF 9968 windsock is designed out of corrosion resistant materials. All exposed materials are Stainless steel AISI 316L and brass.

Optionally delivered with a RED + IR (NVG compatible) obstruction light on top.

The rugged construction with integrated LED lights and no use of electrical slip ring units – significantly reduce maintenance cost resulting in extremely low lifetime cost.

TEF 9968 is designed for use in Zone 1, 2 and safe areas

#### **TECHNICAL DATA**

Housing:	Brass and Stainless steel (EN 1.4404), Polycarbonate dome on lamps.
Input voltage:	24VDC +/- 30% 100-254V AC
Max power:	10 Watt
IP-rating	IP66/67 (According to IEC 60529)
Area of use:	For zone 1, 2 and safe area (Ex e mb op is IIC T5 Gb (ATEX and IECEx))
Weight:	Approx. 45 Kg
Tamb opr.:	-20°C to +55°C
Tamb Ex:	-52°C to +55°C

#### APPLICATION

Wind indication on:

- Helicopter landing areas
- Airports
- Bridges
- Highways

#### FEATURES AND BENEFITS

- Rugged and solid construction
- Easy to install and maintain. Maintenance free lights
- Delivered with 10 meter flying lead armored cable (Other lengths on request)
- Red + IR (NVG compatible) obstruction light on top available
- Resistant to vibrations
- Bearing for the rotating wind vane is encapsulated in solid brass housing

### **APPROVALS AND CERTIFICATES**

Presafe 14ATEX4571 IECEx PRE 14.0009



#### R. Stahl Tranberg AS

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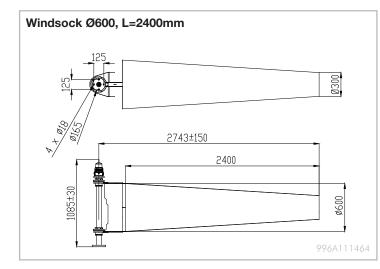
# DESCRIPTION

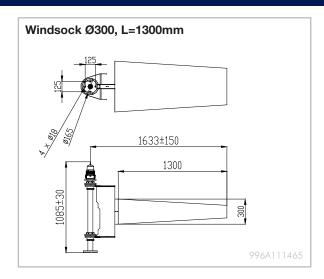
	Part No.
Windsock arrangement with obstruction lights 10 Cd, 24V DC. Not internal illumination, Windsock incl. (Ø=0,3m, L=1,3m)	9968 3011
Windsock arrangement with obstruction lights 10 Cd, 24V DC. Not internal illumination, Windsock incl. (Ø=0,6m, L=2,4m)	9968 6011
Windsock arrangement with obstruction lights 10 Cd, 24V DC. Not internal illumination, Windsock incl. (Ø=1,0m, L=3,6m)	9968 1011
Windsock arrangement with obstruction lights 10 Cd, 100-254V AC. Not internal illumination, Windsock incl. (Ø=0,3m, L=1,3m)	9968 3012
Windsock arrangement with obstruction lights 10 Cd, 100-254V AC. Not internal illumination, Windsock incl. (Ø=0,6m, L=2,4m)	9968 6012
Windsock arrangement with obstruction lights 10 Cd, 100-254V AC. Not internal illumination, Windsock incl. (Ø=1,0m, L=3,6m)	9968 1012
Windsock arrangement with obstruction lights 32 Cd, 24V DC. Not internal illumination, Windsock incl.(Ø=0,3m, L=1,3m)	9968 3021
Windsock arrangement with obstruction lights 32 Cd, 24V DC. Not internal illumination, Windsock incl.(Ø=0,6m, L=2,4m)	9968 6021
Windsock arrangement with obstruction lights 32 Cd, 24V DC. Not internal illumination, Windsock incl. (Ø=1,0m, L=3,6m)	9968 1021
Windsock arrangement with obstruction lights 32 Cd, 100-254V AC. Not internal illumination, Windsock incl. (Ø=0,3m, L=1,3m)	9968 3022
Windsock arrangement with obstruction lights 32 Cd, 100-254V AC. Not internal illumination, Windsock incl.(Ø=0,6m, L=2,4m)	9968 6022
Windsock arrangement with obstruction lights 32 Cd, 100-254V AC. Not internal illumination, Windsock incl.(Ø=1,0m, L=3,6m)	9968 1022
Windsock arrangement with obstruction lights 32 Cd + IR (NVG), 24V DC Not internal illumination, Windsock incl. (Ø=0,3m, L=1,3m)	9968 3041
Windsock arrangement with obstruction lights 32 Cd + IR (NVG), 24V DC Not internal illumination, Windsock incl. (Ø=0,6m, L=2,4m)	9968 6041
Windsock arrangement with obstruction lights 32 Cd + IR (NVG), 24V DC Not internal illumination, Windsock incl. (Ø=1,0m, L=3,6m)	9968 1041

# **SPARE PARTS**

	Part No.
Windsock orange, Ø=0,3m, L=1,3m	7852 006
Windsock orange, Ø=0,6m, L=2,4m	7852 004
Windsock red/white, Ø=0,6m, L=2,4m	7852 005
Windsock orange, Ø=1,0m, L=3,6m	7852 002
Full bearing for windsock arrangement	7850 000
Flange for mounting on 60,3mm pipe. Max. Ø=61mm, complete with bolts and nuts	7852 007
Flange for welding to 60,3mm pipe, EN 1,4404, complete with bolts and nuts	7852 008
Power supply for 9968 200, 100-254V AC input, 24V DC output. Mounted in Junction box TEF 1058 3501. For safe area only. Contact Tranberg for availability for a zone 2 version.	7852 009

# DIMENSIONS







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