

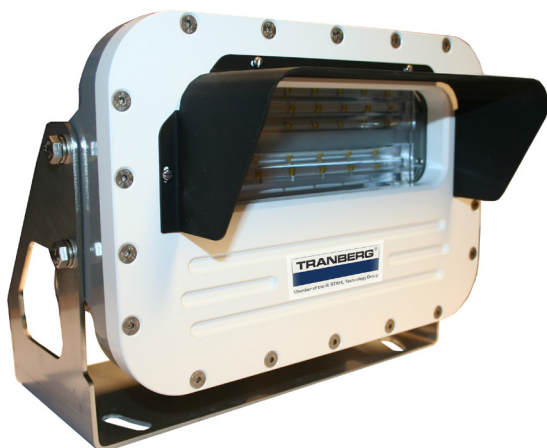
HELIDECK FLOODLIGHT

TEF 9970 Ex d e

LED

ZONE 1, ZONE 2 & SAFE AREA

Subject to change without prior notice TPS4366 REV. J 20.04.2022



APPLICATION

- Floodlight for helideck landing areas
- For use in hazardous areas
- Floodlighting

FEATURES AND BENEFITS

- Rugged and low profile floodlight made from marine proofed aluminum
- Sealed for life
- Simple to install and maintain
- Light module is maintenance free
- Proven ingress protection
- Resistant to vibrations
- Complies with: ICAO Annex 14 Vol. II; NORSOK C-004 2013

APPROVALS AND CERTIFICATES

IECEX Pre 14.0060
Presafe 14ATEX5703

Luminaires designed and manufactured by R. Stahl Tranberg are intended for use in rough environments, and to meet applicable international standards. The new LED floodlight TEF 9970 by R. Stahl Tranberg sets a new standard in the industry as it has a wider operating temperature range, along with several new features.

The LED light source provides a hugely longer lifetime expectancy than xenon light bulbs, while the special designed optics ensure an ideal coverage of the helideck surface without giving glare to pilots in the critical landing process. As an option, a dimming functionality may be installed, which reduces light output to 50% when and if required. The operating voltage span is wide, and absorbs voltage variances and spikes without resulting in flickering or changes in light output.

The innovative design is also great news for service and maintenance personnel, as it is a sealed unit which requires no inspection of traditional flame paths.

Helideck equipment manufactured by Tranberg is delivered to off-shore installations, oil tankers and supply ships, hotels and hospitals landing areas all over the world.

TECHNICAL DATA

Housing:	Marine Aluminum, powder coated Safety glass Borofloat®33
Input voltage:	100-277 VAC; 145-380 VDC
Light output:	3100 lm, 4000K
Power consumption:	Approx. 45W
IP-rating:	IP66 (According to EN 60529)
Weight:	11Kg
Mounting:	Four mounting holes Ø12mm
Cable entries & drain:	2 x M25 entries. Delivered with 2 x M25 cable glands, Ø11-20.1mm. 1 pc drainplug installed at R. Stahl Tranberg.
Operation temperature:	-40°C to +55°C
ATEX/Ex classification:	
-55°C to +55°C:	Ex II 2G Ex d e op is IIB+H ₂ T4 Gb
-55°C to +40°C:	Ex II 2G Ex d e op is IIB+H ₂ T5 Gb
Area of use:	Zone 1, Zone 2, safe area
Lifetime (MTBF):	50000 hours

