

TRANBERG® IMT FLOODLIGHT

TEF 9975 LED Floodlight, Helideck Floodlight System

Explosive atmospheres: Zone 1, 2 & Safe Area & Areas with combustible dust: Zone 21 & 22



The TEF9 975 TRANBERG® IMT Floodlight is made with an anodized, marine grade aluminium casting, making it highly resistant to seawater environments and therefore perfectly suitable for marine applications. The integral mounting bracket allows the unit to be easily fixed and the direction of

the beam in the horizontal to be adjusted. The light cover is made of clear toughened glass which is extremely shock resistant and break proof with a Fresnel (PMMA) lens. The high power LEDs in combination with the Fresnel lens produce a superior light output. A special design feature of

this product is in the heat management – the TRANBERG® IMT Floodlight has a series of cooling fins with air ducts to dissipate the heat generated from the LEDs, which means that even in conditions of direct sunlight and high temperatures, the light unit continues to be cooled.

Application

- Helideck
- Floodlight

Features and benefits

- Shock and Vibration Resistant
- Sealed for life
- Heat Dissipation
- Utilizing LED technology
- Suitable for use in Zone 1, Zone 2 and Safe Area
- Marine grade anodized aluminium
- According to ICAO Annex 14, CAP437 and NORSOK
- DALI interface

Approvals and certificates

- DNV 21 ATEX 49246X
- IECEx DNV 21.0055X



Technical Data

Material:	Marine Grade Anodized Aluminium
Explosion Protection:	Ex eb mb IIC T3 Gb Ex tb IIIC T135°C Db IP66 Ta=-40° to +55°C
Input voltage:	100-240V AC / 24 V DC
Light output:	2400 lm
Light intensity:	17500 cd
Power consumption:	Max 40W
Ingress protection:	IP66/67
Weight w/ package:	12 kg
Cable entries:	2x M25 Cable Gland (11,0-20,1mm) 1x M25 Stopping Plug 1x M25 Drain Plug
Operating temperature:	-40° to +55°C
Light Source:	LED
Light Color:	Natural white, 5000K

TRANBERG STAHL

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Description	Low Bracket	High Bracket
TRANBERG® IMT Floodlight Ex 100-240V	99751000	99751001
TRANBERG® IMT Floodlight Ex 24V	99752000	99752001

Dimensions

Technical drawings of the IMT ILED 2000 LED lighting fixture, showing dimensions in millimeters (mm).

Front View: Width 160, Height 322 (Total), Height 292 (Fixture), Height 12 (Mounting), Width 17 (Mounting).

Top View: Width 279.

Side View: Height 139.

Detail A (Scale 1:2): Mounting bracket dimensions: 12, 17, 192, 215.

IMT ILED 2000 LED: Width 160, Height 292.

M25x1.5 Entry (2x): Indicated in the side view.



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