

# TRANBERG® IMT FLOODLIGHT

TEF 9976 LED Floodlight, Helideck Floodlight System  
For Safe Areas



The TEF 9976 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
- Marine grade anodized aluminium
- DALI interface
- According to ICAO Annex 14, CAP437 and NORSOK



## Technical Data

Material:	Marine Grade Anodized Aluminium
Input voltage:	100-240V AC
Light output:	2400 lm
Light intensity:	17500 cd
Power consumption:	Max 40W
Ingress protection:	IP66
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°... +55°C
Light Source:	LED
Light Color:	Natural white, 5000K

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Accessories	Part No.
IMT Floodlight Anti-Glare Hood for 9975/9976	50523268
IMT Floodlight Mounting bracket High for 9975/9976	50520081
Cable Gland Exe: E205/624 M25/D kit 11,0-20,1mm/15mm AISI316	6242506
Stopping Plug Exe/Exd: TEF793/650 M25/15mm AISI316	6502506
TEF 731 Drain plug/Breather M25, Stainless Steel	7312701

Technical drawings of the IMT ILED mounting bracket, high version. The drawings include a front view, a top view, a side view, and a detail view of the mounting bracket. Dimensions are provided in millimeters.

- Front View:** Shows the bracket with a width of 160mm and a height of 322mm. The mounting holes are spaced 12mm from the bottom and 17mm from the side. The bracket is labeled "IMT ILED".
- Top View:** Shows the bracket with a width of 279mm.
- Side View:** Shows the bracket with a height of 139mm. It includes a label "M25x1.5 Entry (2x)" pointing to the mounting holes.
- Detail View:** Shows a detail of the mounting bracket with a width of 160mm and a height of 292mm. It includes a label "DETAIL A SCALE 1 : 2" and a dimension of 12mm for the mounting hole offset.