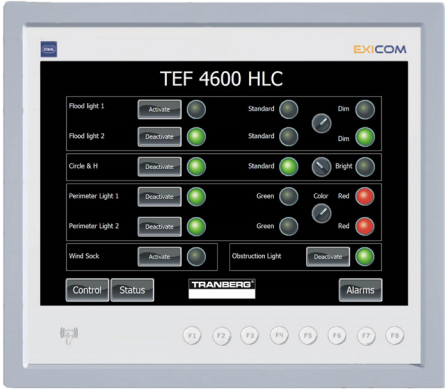


## INTEGRATED HELIDECK LIGHT CONTROL ZONE 1 OR NON-EX VERSIONS AVAILABLE

Subject to change without prior notice TPS5462 REV. B 30.06.2017



The TEF 4600 integrated Helideck Lights Control is an industry-first integrated control system an easy and safe control and monitoring of all lights installed on and at helideck.

The unique design of the control system can be delivered for use in both safe areas and Zone 1 areas. All types of Tranberg lights can be connected, such as perimeter lights, floodlights, obstruction lights, illuminated windsocks, Circle and H lights, status lights, and more.

Central to the system is a touchpanel, which can be delivered for safe areas, or Zone 1 areas. Using an intuitive and very user-friendly menu, the user can simply set the lights on or off, or dim respective lights when needed.

The touchpanel can be mounted in the door of the main panel (safe areas only), or mounted in an adjacent room or elsewhere. For the Zone 1 or 2 needs, we have prepared for the use of an R.Stahl Exicom MT-498 operator panel. All touchpanels come fully loaded with software and configuration options.

Regardless of type of control panel, additional remote control panels may be connected. These are push-button panels with integrated illumination, allowing local control of lights, and in full synchronization with the computer screens.

### APPLICATIONS

- Control and supervision of all helideck lighting fixtures
- Onshore or offshore installations; vessels and fixed installations
- Remote control possible through a wide range of accessories

### FEATURES

- All control gear in one cabinet, simplifying connections, control and monitoring
- Smaller footprint than individual control cabinets for each type of light
- Combined with Tranberg's new line of LED helideck lights means an installation with an absolute minimum of required inspections and minimized maintenance
- Connection with a supervisory control system through Ethernet, Profibus, or similar standards
- Pre-programmed touchscreens with an intuitive and user-friendly man-machine interface
- Optional remote button and lamp control panel, allowing additional control of lights
- Optional integration towards HMS (Helideck Monitoring System), allowing direct input from the HLO (Helideck Landing Officer)
- Integration towards SCADA (Supervisory Control And Data Acquisition) systems, allowing remote control from other locations, helicopter pilots, etc.

### APPROVALS AND CERTIFICATES

- Control system and all operators panels are available in both Zone 1 and non-Ex versions
- Functionality according to CAA CAP437
- All explosion-proof equipment certified according to ATEX/IECEX

### TECHNICAL DATA

<b>Power supply:</b>	Dual 230VAC power supply, with continuous supervision and automatic selection between main and secondary power sources
<b>Examples of use:</b>	Control all lights on helideck; perimeter lights, floodlights, windsock, obstruction lights, status lights, Circle and H, taxi lights, and more
<b>Dimensions ( W x H x D ):</b>	Non-Ex control cabinet: 600mmx1900mmx 400mm  Zone 1 cabinet: Flexible size and shape
<b>Connections:</b>	Ethernet connection to operator panels.  Optional hardwired connection to local control panels
<b>Ingress protection:</b>	IP55 (safe area) and IP66 (Zone 1)
<b>Internal power consumption:</b>	Max. 300W



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## SYSTEM TOPOLOGY

TEF 4600

