

CHLITE TEF 9951 TD/PM CIRCLE & H IDENTIFICATION LIGHTING SYSTEM CAP437 ZONE 1, ZONE 2 & SAFE AREA

Subject to change without prior notice TPS6335



The CHLITE system provides an illuminated circle and H on the helicopter deck, corresponding to the existing helideck markers.

The light elements inclusive the mounting plates are extremely thin (22mm) for over-the-deck surface mounting and resistant to harsh environment and helicopter loads.

The CHLITE system from Tranberg is fully compliant with CAP437, 8th Edition. The system guarantees a regular light element spacing, free from any junction boxes for the on deck mounting. The system is maintenance/inspection free. A double independent power supply circuit and LED bypass devices ensure that a failure of a single LED has only a local effect.

Cable routings on and under deck makes the system really flexible. If you want to upgrade your existing helideck or you need a complete new installation - this system will provide the perfect solution for your project!

APPLICATION

- C-LITE Touchdown/Positioning Marking (TD/PM Circle) and H-LITE Helipoint Identification Marking ("H") system according to the CAP 437 Standards for Offshore Helicopter Landing Areas – Appendix C.

FEATURES AND BENEFITS

- Factory sealed LED lighting element
- Easy to install: minimized installation and shut down time for the helideck
- Extremely low profile (22mm), under the required specifications
- Versatile Installation: Cable routing above deck or below deck
- Anti slip polysiloxane system coated stainless steel provide a corrosion free solution for all decks
- Antislip surface
- No junction boxes on the surface of the helideck
- Low power consumption
- High Reliability – Maintenance free for all "on" deck components
- CAP437 Compliant 8th Ed. with Amendment
- ATEX and IECEx certified, suitable for Zone 1 and 2

TECHNICAL DATA

Material:	Powder coated stainless steel
Light source:	LED
Light color:	Green/ Amber
Light intensity:	According to CAP437, 8 th Ed.
Dimensions light element:	750x125mm, height 20mm (22mm inclusive mounting plate)
Dimensions power box:	650x900x300mm
Electrical power :	System power: Max. 350W (Depending on system size)
Operational temperature:	-30°C to +55°C
Installation interface:	Powder coated stainless steel plates with different mounting points
Ingress Protection:	IP66/67 (EN60529)

APPROVALS AND CERTIFICATES

CAP437 8th Edition Compliant, with Amendment

ATEX certified, suitable for Zone 1 and 2,
Marking: II 2G Ex mb IIC T6 Gb

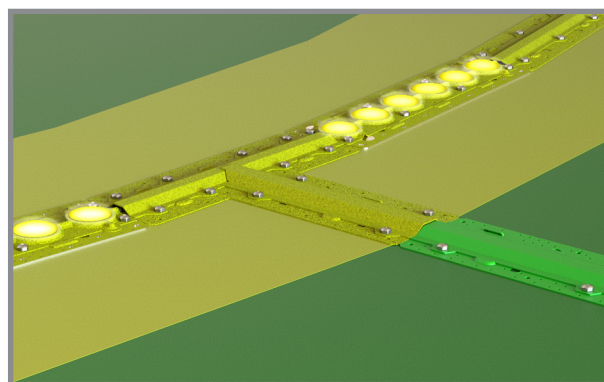
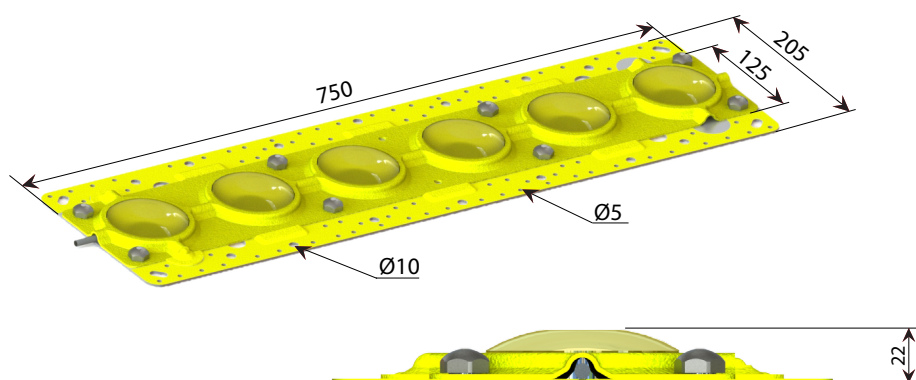
IECEx certified, suitable for Zone 1 and 2,
Marking: mb IIC T6 Gb

SYSTEM CONFIGURATIONS

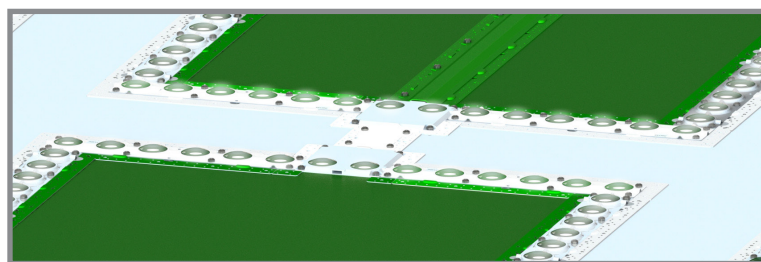
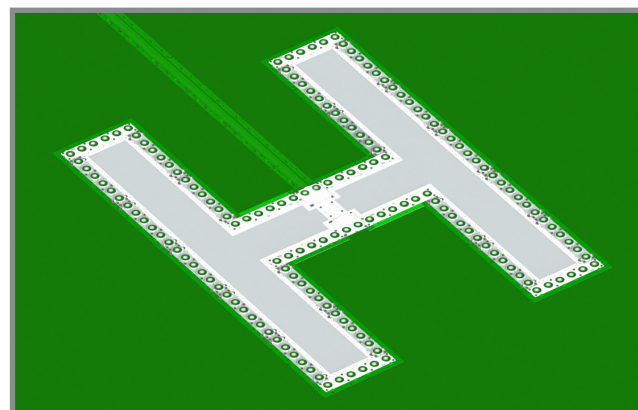
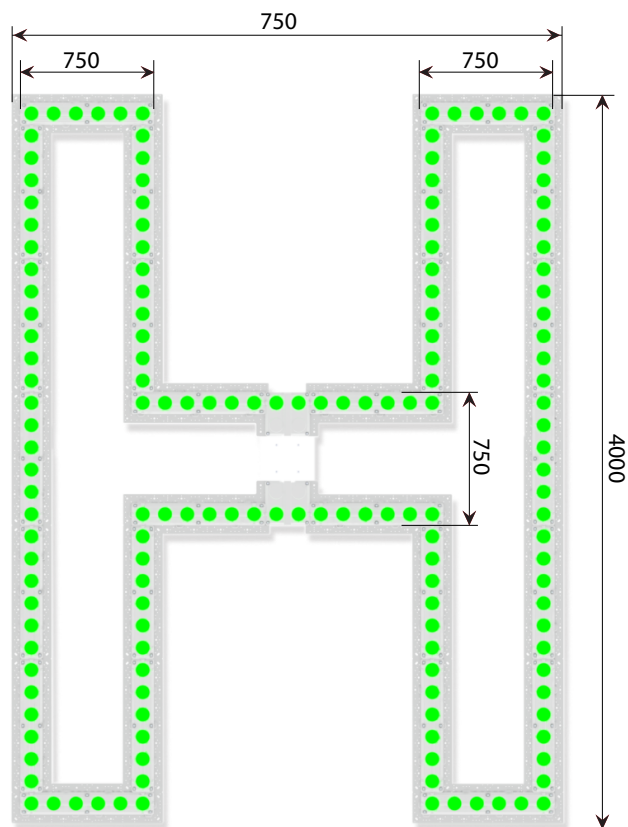
System installation type	Light segment per circle	D-Value of deck *	Part No.
CHLITE - 16	16	12,0m - 13,05m	9951016
CHLITE - 20	20	13,05m - 17,1m	9951020
CHLITE - 24	24	17,1m - 20,9m	9951024
CHLITE - 28	28	20,9m - 24,8m	9951028
CHLITE - 30	30	24,8m - 26,0m	9951030

* Larger D-Values on request

ILLUMINATION ELEMENTS WITH MOUNTING PLATES

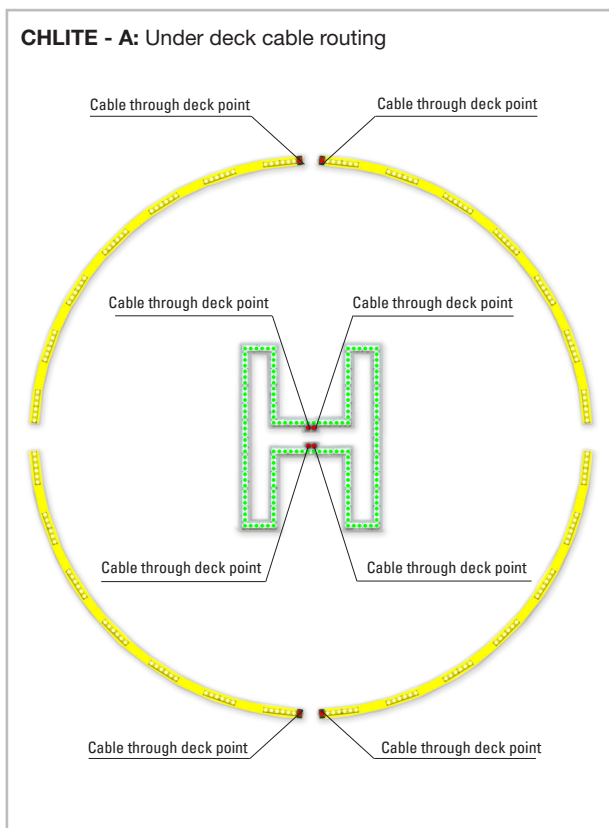


H - SETUP



CIRCLE - SETUP

CHLITE - A: Under deck cable routing



CHLITE - B:
Asymmetric on deck
cable routing

