

# Helideck Lighting Solutions

**TRANBERG®**

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# Helideck Lighting



The CAA and HCA (Helideck Certification Agency) have stated in its internationally acknowledged guidance on standards, CAP 437 7th Edition incorporating Amendment 01/2013 appendix C that all platforms & vessels in the UKCS (UK Continental Shelf) need to be equipped with the new circle and 'H' helideck lighting configuration before March 31st 2018. In addition to this, helideck operators should ensure that half of their helidecks be equipped with a compliant system by March 31st 2016.

To help our customers adhere to these dates Marine Electrical Installations have partnered with Stahl to provide a turnkey solution for the supply, installation, testing and commissioning of their Tranberg CHLITE Helideck Lighting Solution.

The CHLITE Helideck Lighting Solution is a cooperation between Calzoni S.r.l. – founded 1834 in Bologna-Italy (today an L-3 Company) and Tranberg - founded 1901 in Stavanger-Norway (today member of the R.Stahl Group).

Combining the extensive experience of Calzoni S.r.l. – addressing the extremely demanding Aerospace & Defence market and Tranberg AS, the world's leading helideck lighting solution provider for maritime and Oil & Gas Offshore applications – has resulted in a superior product designed and manufactured for hazardous and non-hazardous areas within the international maritime and Oil & Gas offshore industry.

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

The light elements, inclusive of the mounting plates are extremely thin (22mm) making them suitable for helideck surface mounting. They are also resistant to harsh environments and capable of withstanding helicopter loads.

A full CAP437 compliant system with superior display is achieved by the special design that guarantees regular light element spacing without the need for junction boxes that could obstruct the light element output.

A double independent power supply circuit and LED bypass devices ensure that a failure of a single LED only has a local effect. Cable routing is possible above and below deck allowing maximum flexibility. If you are considering an upgrade to your existing helideck or a complete new installation this system offers a versatile and flexible solution.



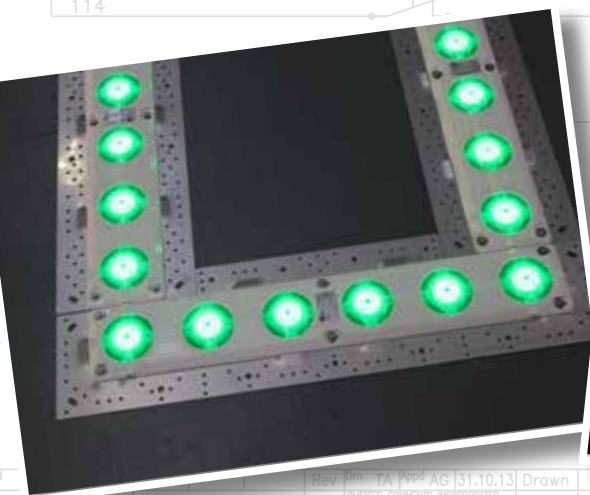
# Main Customer Benefits

- Quick installation
- Factory sealed LED lighting element
- Easy to install: Minimum impact on helideck surfaces with no deck mounted junction boxes
- Extremely low profile (22mm) which is less than the required specifications
- Versatile Installation: Cable routing above or below deck
- No metallic parts: Corrosion free high performance resin suitable for both aluminium and steel decks
- Antislip surface
- Low power consumption
- High Reliability
- CAP437 Compliant 7th Ed. with Amendment
- ATEX certified , suitable for Zone 1 and 2 , Marking: Ex II 2G Ex mb IIC T6 Gb\

## Technical Data

<b>Material</b>	HTR1/ Corrosion free high performance resin
<b>Light intensity</b>	According to CAP437,7th Ed.
<b>Dimensions</b>	750x125mm, height 20mm
<b>light element</b>	
<b>Dimensions power box</b>	650x900x300mm
<b>Ingress protection</b>	IP66 (EN 60529) H overall System < 100 W
<b>Electrical power</b>	Coverall System < 100 W Supplied by the Power Box (Safe Area)
<b>Operational temperature</b>	-30°C + 50°C
<b>Installation interface</b>	M6 fixing, optional interface layer for irregular surfaces

In appointing Marine Electrical Installations Ltd to install the Tranberg CHLITE Helideck Lighting Solution your company will be secure in the knowledge that it has a team of experienced professionals able to support and fulfil your requirements.





## **Marine Electrical Installations Limited**

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