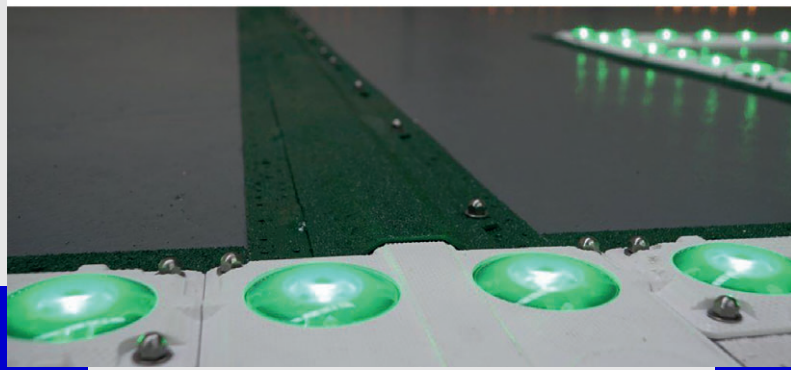


TD/PM Circle & H Identification Lighting System Series CHLITE

TRANBERG®

STAHL



- > Factory sealed LED lighting element
- > Easy to install: minimized installation and shut down time for the helideck
- > Extremely low profile (22 mm), under the required specifications
- > Versatile installation: Cable routing above deck or below deck
- > Anti-slip polysiloxane system coated stainless steel and high impact resistant composite PC provide a corrosion free solution for all decks
- > Anti-slip surface
- > No junction boxes on the surface of the helideck
- > Low power consumption
- > High reliability - maintenance free for all „on“ deck components
- > CAP437 Compliant 7th Edition with Amendment

E2



17873E00

www.stahl.de



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 (22 mm) for over-the-deck surface mounting and resistant to harsh environment and helicopter loads.

The CHLITE system from Tranberg is fully compliant with CAP437, 7th Edition and confirmed by the Helicopter Certification Agency (HCA). 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!

Zone	ATEX / IECEx					
	0	1	2	20	21	22
For use in		x	x			

WebCode TCHLITEA

TD/PM Circle & H Identification Lighting System

Series CHLITE



Selection Table

Version	System installation type	Light segment per circle	D-Value of deck	Order number	Weight kg
Identification Lighting System Series CHLITE	CHLITE - 16	16	12.00 ... 13.05 m	TEF9950160	
	CHLITE - 20	20	13.05 ... 17.10 m	TEF9950200	
	CHLITE - 24	24	17.10 ... 20.90 m	TEF9950240	
	CHLITE - 28	28	20.90 ... 24.80 m	TEF9950280	
	CHLITE - 30	30	24.80 ... 26.00 m	TEF9950300	

Explosion Protection

Global (IECEX)

Gas	in progress Ex mb IIC T6 Gb
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Europe (ATEX)

Gas	in progress ⊕ II 2 G Ex mb IIC T6 Gb
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Certifications and certificates

Certificates	IECEX, ATEX, CAP437 7th Edition Compliant with Amendment
Ship approval	DNV

Technical Data

Electrical data

Power	system power: max. 350 W (depending on system size)
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Luminous characteristics

Light source	LED
CCT	green / amber
Light intensity	acc. to CAP437, 7th Edition

Ambient conditions

Ambient temperature	-30 ... +55 °C
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Mechanical data

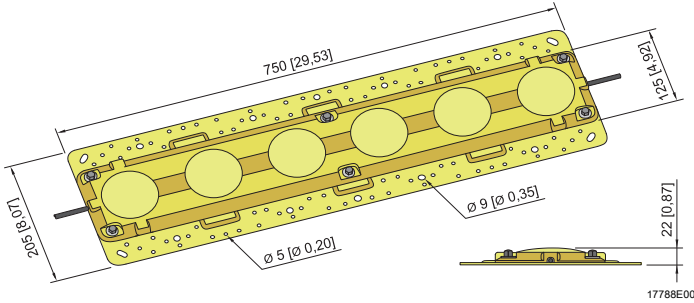
Degree of protection	IP66 / IP67 acc. to IEC/EN 60529
Material	composite polycarbonate / powder coated stainless steel
Dimensions	light element: 750 x 125 mm, height 20 mm (22 mm inclusive mounting plate) power box: 650 x 900 x 300 mm

TD/PM Circle & H Identification Lighting System Series CHLITE

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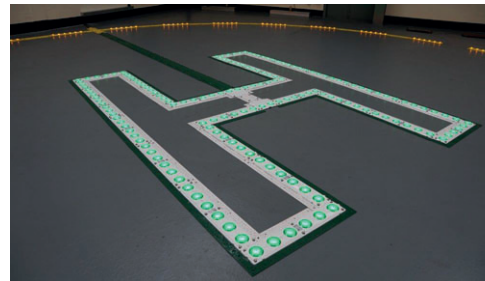
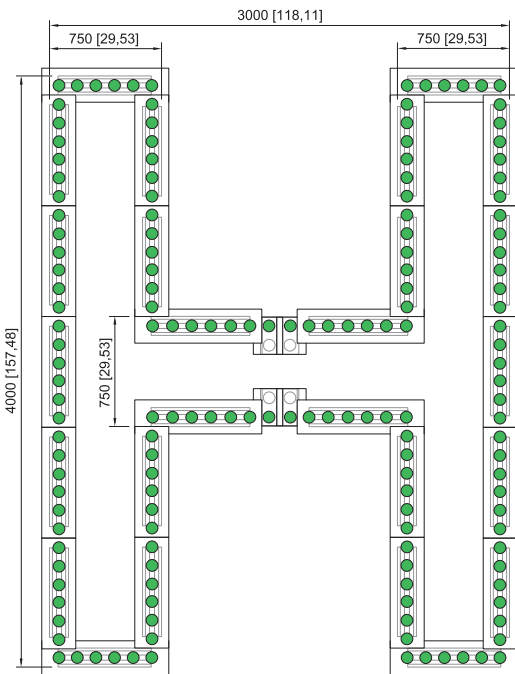
Dimensional Drawings (All Dimensions in mm [inches]) - Subject to Alterations



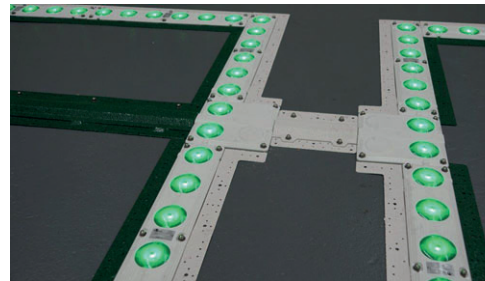
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Illumination elements with mounting plates



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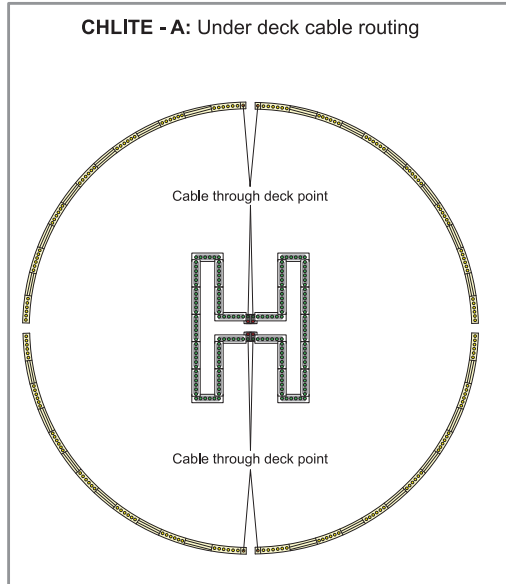
H-Setup

E2

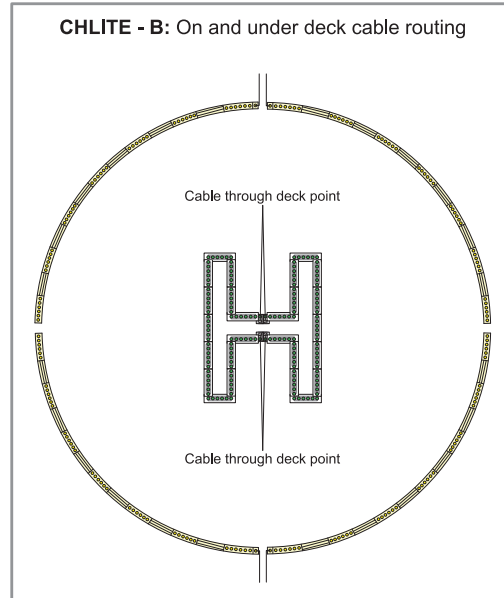
TD/PM Circle & H Identification Lighting System Series CHLITE



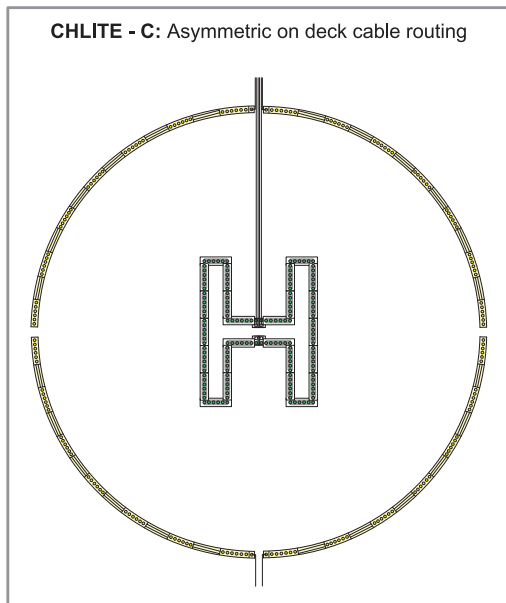
Circle Setup



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We reserve the right to make alterations to the technical data, dimensions, weights, designs and products available without notice. The illustrations cannot be considered binding.