

CHLITE HELIPORT LIGHTING

Identification Lighting System for Helicopter Landing Areas

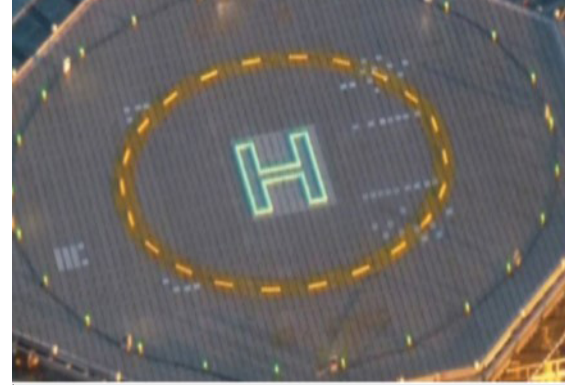
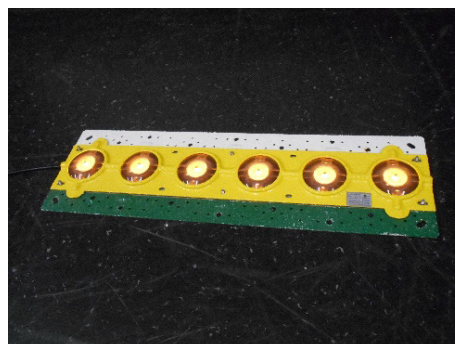
Lit touchdown/positioning and heliport identification marking system compliant with Civil Aviation Authority standards for offshore helicopter landing areas.

MAIN FEATURES

- > Lighting system composed of dashed circle and the “H” letter on the helideck
- > Fully compliant with standards for landing areas:
 - Offshore: CAP437-compliant (8th edition, with amendment)
 - Hospitals: CAP1264
- > Extremely low profile (20mm), below required specifications
- > Factory-sealed LED lighting element
- > Special design with regular light elements spacing, free from any junction boxes
- > Double independent power supply circuit and LED bypass devices to ensure availability in case of a single LED failure
- > Minimal (1 small hole) cable penetration in the deck for cable routing
- > Applicable to offshore and hospital helidecks

BENEFITS

- > Easy to install: minimum impact on helideck surfaces with no over-deck junction boxes
- > Versatile installation: cable routing above deck or below deck
- > High Reliability
- > Low impact on the deck operations due to the low and rounded profile
- > ATEX certified with extended ambient temperature



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CAP 437
CAP 1264

Patented:

- > Bo2013A000569
- > USA-10,384,806
- > EU-2914494
- > IT-1420165
- > MY-178291-A
- > Singapore 11201601749S



TECHNICAL SPECIFICATIONS

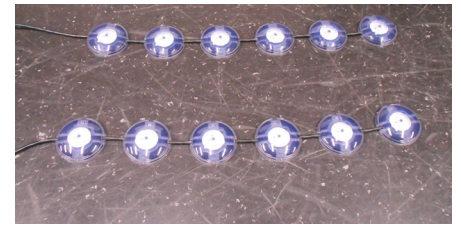
- > Electrical power:
 - H overall system < 100 W
 - Circle overall system < 100 WSupplied by the power box (safe area)
- > Light intensity:
 - Offshore: CAP437-compliant (8th edition, with amendment)
 - Hospitals: CAP1264
- > Light element dimensions: 750Lx125Wx20H mm
- > Power box dimensions 600Lx210Wx760H mm

INSTALLATION AND ENVIRONMENT SPECIFICATION

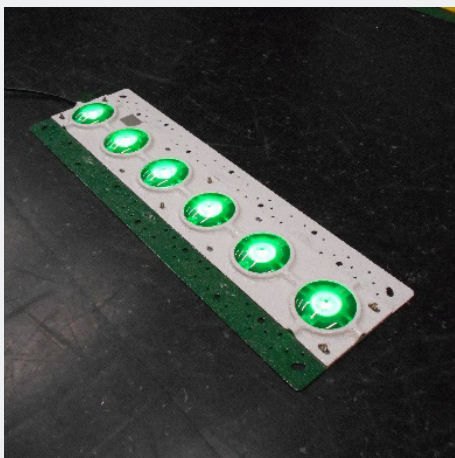
- > Lighting elements are fixed with M6 nuts
- > Optional interface layer for irregular surface
- > Enclosure: IP 66 (EN60529)
- > Operational temperature (Ex): -30°C / +50°C
- > ATEX certified, Zone 1 and 2
- > Marking: Ex II 2G Ex mb IIC T6 Gb



Hospital version



Lighting elements



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INSTALLATION TYPE

A = Above deck cable routing
B = Below deck cable routing
AB = Only main cables below routing

CIRCLE SIZE

16 D-Value <= 14.3 mt
20 D-Value => 16 mt & D - Value <= 17.13 mt
24 D-Value => 17.46 mt - Value <= 20.88 mt
28 D-Value => 22.2 mt - Value <= 25 mt

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CHLITE

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