

HTP100SA-A

LED helideck touchdown/positioning light panel

CAP437 LED helideck touchdown/positioning light panel used in conjunction with a control panel and the touchdown/positioning marking (Circle). Long life LEDs and light weight design, which is suitable for direct mounting on the helideck due to the low profile (<25 mm), makes the product ideal for the environmental conditions as well as easy installation.

KEY FEATURES

- Panel used for helideck touchdown/positioning system; "circle"□
- Low profile design (<25 mm) allows direct mounting on helideck
- Offshore resistant, fully sealed, high quality marine plastic materials
- Semi-flex construction to allow for deck distortions and improved impact resistance
- Stainless steel mounting brackets to prevent corrosion problems, and integrated cable connection
- State of the art high power LEDs and technology provide superior life and reliability
- Fully offshore trialed to meet the operational and environmental requirements

STANDARDS/CERTIFICATION

- Complies with CAA-UK CAP 437; Offshore helicopter landing areas – Guidance on standards, December 2016, chapter 4 and appendix C
- Complies with ICAO Annex 14, Volume I, Appendix I, November 2016, Figure A1-1 – Colours for aeronautical ground lights

PERFORMANCE CHARACTERISTICS

- Steady burning; yellow
- Effective intensity: 0-10° max. 60 cd; 10-20° max. 45 cd and 20-90° max. 15 cd
- Horizontal beam coverage: 2×160°
- Vertical beam profile: in compliance with above mentioned CAA requirements
- Colour chromaticity within the boundaries as specified by ICAO



ELECTRICAL CHARACTERISTICS

- Operating voltage: Low (10-15 V) DC input from Orga control panel
- Power consumption: 1.5 W average
- Connection details: Orga custom offshore

PHYSICAL CHARACTERISTICS

- Dimensions (L x W x H): | 503 x 290 x 24 mm
- Weight: 0.8 kg
- Degree of protection: IP66, IP67 and IP69
- Operating temperature range: -25°C to +55°C

SYSTEM DESIGN, CONTROL AND MONITORING

- Fault monitoring with fail indication via separate system control and monitoring box (see separate data sheet)
- Custom designed cables with vulcanized cable termination protection and captive connection screws; multiple lengths to allow for all configurations

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RIGHT VIEW

