



FA-250EX-962-HSL - Explosion proof High Intensity Helideck Status Light to CAP437

Explosion proof Omni directional CAP 437 compliant helideck status light for Oil and Gas Drilling and Production Platforms and FPSO applications. Comprising high flux LED's array mounted inside an ATEX certified Zone 1 / 2 enclosure. High impact tempered glass and cast Marine LM6 alloy construction, the FA-250EX-962-HSL has no plastic parts and is designed for long service life in harsh environments with low maintenance requirements.

- ATEX & ITEX certified for use in Zone 1 & Zone 2 gas hazard environments.
- Meets Civil Aviation Authority Standard: CAP 437 Effective Flashed Intensity (EFI): Red 200CD, 750CD Peak at 120 Flashes / Minute.
- Operates from separate central or local control panel allowing control system electronics to be located in indoor environments.
- Dual lanterns can operate synchronously or asynchronously at 120fpm.
- High Flux Light Emitting Diodes with Precision Refractive Optics.
- High efficiency passive cooling system gives the LED array superior operating life. LED's are mounted on metal core PCBs with integrated liquid filled heat pipes to cool the LED arrays **without a cooling fan.**
- Photometric and Chromaticity to CAP437 Specification Independently tested.

BSEN 60079-0, BSEN 60079-1, BSEN 60079-7

ITS10ATEX17118X
ATEX II 2 G Ex d IIB T4/5/6 Tamb -40°C to +50°C Gb*
IECEX ITS 10.0040X
Ex d e IIB T4/5/6 Tamb -20°C/ -40°C to +40°C/+55°C Gb*
(*Dependant on Variant)

Specifications

Horizontal Coverage:	360°
Dimensions:	432mm dia. x 445mm high
Weight:	29 Kg
Operating Temperature:	-40°C TO +55°C
Max/Peak current:	10 amps
Power Consumption:	180W @ 50% Duty
Mounting:	4 x M10 threaded holes on a 200mm PDC
Ingress Protection:	IP-67
Operating voltage (control panel): 24VDC, 230VAC or 120VAC
Electrical Connection:	1.5mm ² Terminals provided in base or optional close coupled connection junction box

