

HELIDECK STATUS LIGHT Model FA-250EX962 HSL

The FA-250EX962 HSL is a Zone 1 rated, omnidirectional, helideck status light designed for Oil and Gas Drilling and Production Platforms and FPSO applications. Compliant with CAP 437, it consists of an array of high flux Light Emitting Diodes mounted inside an Atex certified Flameproof transparent enclosure.

The transparent enclosure is comprised of a cast base of marine grade aluminum, an upper section with a tempered glass globe cemented into a support ring and a tapered spigot joint (flamepath). The light is ATEX certified Ex 'd' IIB T4/5/6.

The LEDs are mounted on metal core PCBs with integrated heat pipes to cool the LED arrays **without a cooling fan**. This highly efficient, passive, cooling system gives the LED array the highest design life in the marketplace.

The AM-11 external electronic controls for the FA-250EX 962 HSL may be located as much as 800 meters away from the flash head with a 24 VDC input. AM-11 provides current limiting, flash control, photocell input (auto, forced on, forced off), and synchronization.

FA-250EX962 HSL Beacon Specifications

Civil Aviation Authority Standards: CAP 437

Effective Flashed Intensity(EFI): 750 CD Red Peak, 200CD all around per CAP 437

Horizontal Coverage: 360°

Vertical Beam: Per CAP 437

Optics: Precision Refractive Optics

Light Source: High Flux Light Emitting Diodes

Power: 144 Watts Average

Number of Flashes / Minute: 120

Flash Head Dimensions: 17"x17-17½ (43.2 cm x 44.5 cm)

Flash Head Material: Tempered, Toughened Glass

Flash Head Base Material: Marine Grade Cast Aluminum with Epoxy Coating

Weight: 64 lbs. (29 Kg)

Operating Temperature: -40°C TO +55°C

Max/Peak amps: 10 amps



External Controller Specifications

Alarms: Form "C", Power Fail, Photocell & LED Fail standard

Input Power: 24 VDC or 220VAC

Zone 1 and Safe Area enclosures available.

EC-Type Examination Certificates

Certificate No.: Intertek ITS10ATEX17118X
Coding: II 2 G Ex d IIB T4/5/6

Certificate No.: IECEx ITS 10.0040X
Coding: Ex d IIB T4/5/6 Tamb -20°C/-40°C to +40°C/+55°C Gb (Dependant on model)

Epsilon IP Certificate Number: 04TEST1386
IP Rating: IP67

CSA Field Certification (Available at additional cost)

Class 1 Div.2 Group C,D. Temp. Code T4;
Ex d IIB T4

CAP 437 Photometric and Chromaticity Test Certificates

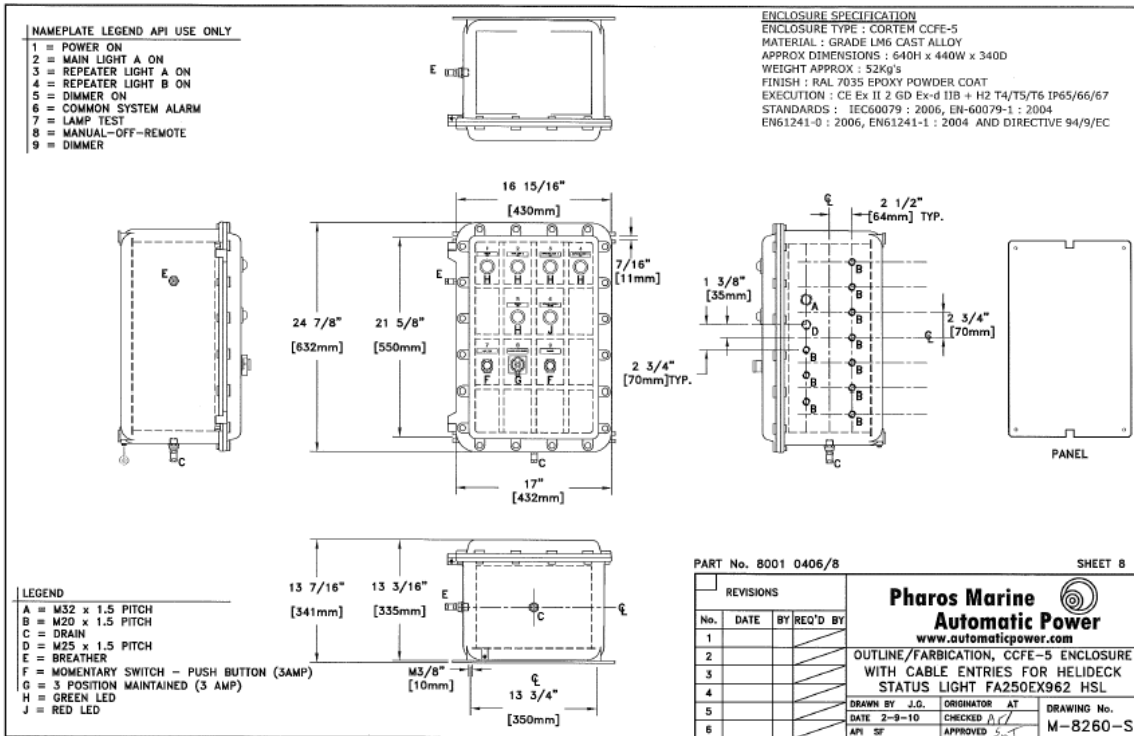
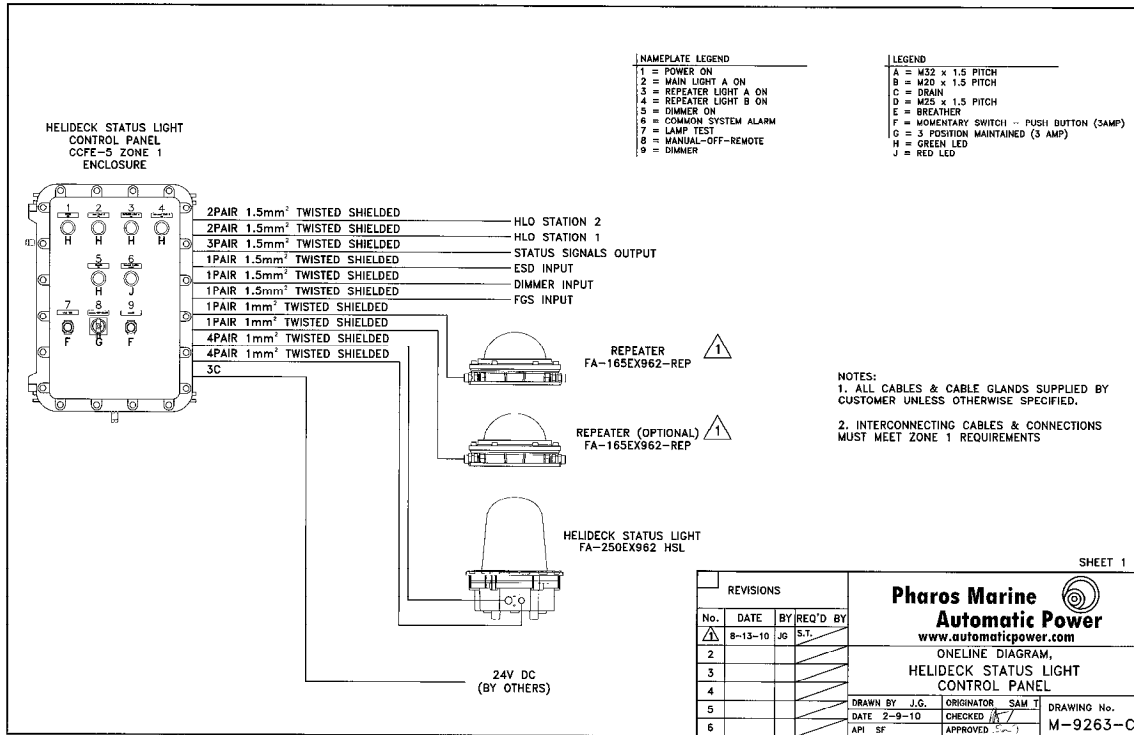
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Specifications subject to change without notice

Form No.: 0825111

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