

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 a certified Flameproof transparent enclosure.

The transparent enclosure is comprised of a cast base of LM-6 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.

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 electronic controls for the FA-250EX 962 HSL may be located as much as 500 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: CAP437

Effective Flashed Intensity(EFI): 750 CD Red Peak, 200CD all around per CAP437

Horizontal Coverage: 360°

Vertical Beam: Per CAP437

Optics: Precision Refractive Optics

Light Source: High Flux Light Emitting Diodes

Power: 190 Watts (on flash) 50% Duty Cycle

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: LM-6 Cast Aluminum

Weight: 64 lbs. (29 Kg)

Operating Temperature: -40°C TO +55°C

Max/Peak amps: 10 amps



Controller Specifications

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

Power Requirements: 24 VDC

Electronics Enclosure: CCFE 45

Dimensions: 22" x 15" x 11 ½" (56 cm x 38 cm x 29.2 cm)

Weight: 81 lbs. (37 Kg)

EC-Type Examination Certificates

Certificate Number: DEMKO 02 ATEX 131875
Coding: II 2 G EEx d IIB T4/5/6

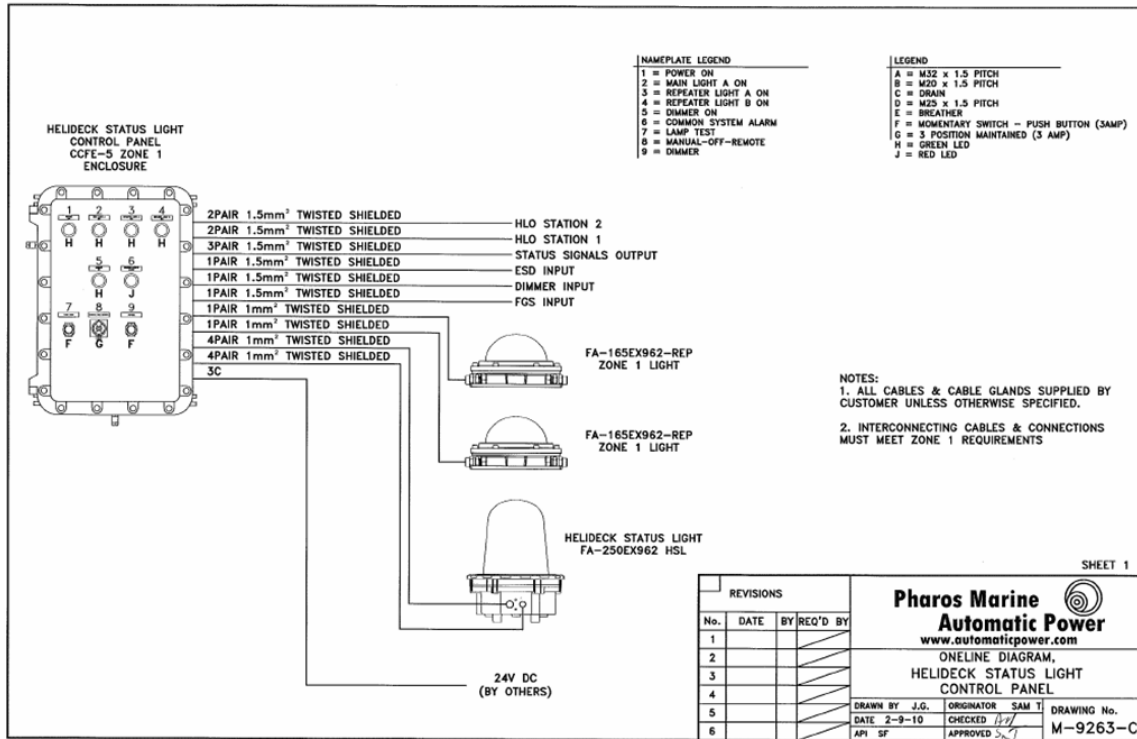
Certificate Number: Intertek TS09ATEX16301X
Coding: II 2 G Ex d IIB T4/5/6

Epsilon IP Certificate Number: 04TEST1386
IP Rating: IP67

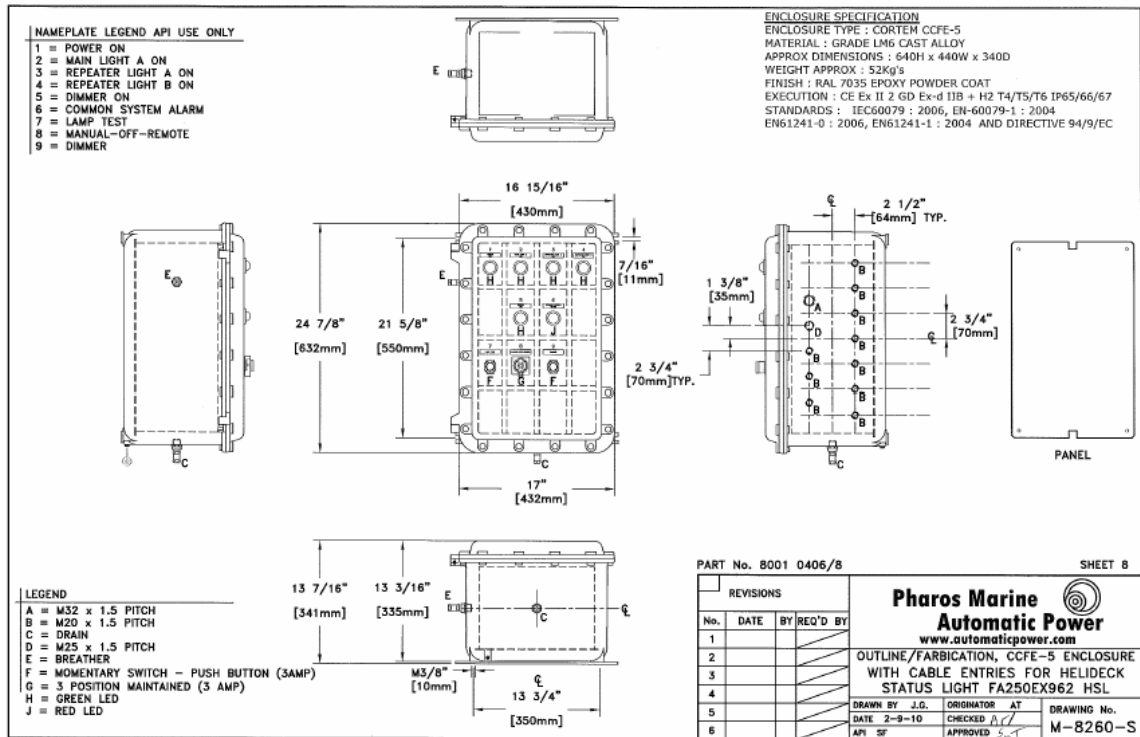
Patent No.: US 7,461,952

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