

FA-165HA CLASS 1 DIV 2 HELIDECK PERIMETER LIGHT



The FA-165HA is a LED based Low Intensity Helideck Perimeter Light designed for extreme environments such as high UV, corrosive gasses and marine conditions encountered on offshore oil and gas production facilities, drilling rigs, support vessels and refineries.

Designed to be placed in remote locations, the lantern incorporates very long lived LED's to minimize scheduled maintenance. The FA-165HA LED's are mounted on metal core PCBs with **patented** integrated heat pipes to cool the LED array **without a cooling fan**. This highly efficient, passive, cooling system gives the LED array the highest design life in the marketplace (greater than 60,000 hours).

The materials of the FA-165HA housing are selected to match the life of the LED's contained inside. **No plastic is used in the housing of the unit**. The cover is tempered toughened glass able to withstand high temperature and impact and the base is impregnated, anodized, painted cast marine grade aluminum and S.S. hardware.

The FA-165HA has several options for electronic controllers: a 90-264 VAC 50-60 Hz internal controller, a 20-30 VDC internal controller or an external AC or DC controller, which can be remotely located up to 800 meters away.

Mechanical Data:

No moving parts.

Height: 149 mm (5,86") **Weight:** 5 kg (12lbs.)

Materials: Epoxy coated cast marine grade aluminum base. Toughened glass.

Mounting: Four 7 mm (9/32") diameter holes, 90 degrees apart. 229 mm (9") x 191 mm (7 17/32").

Ingress Protection: IP-X6



MODEL FA-165HA

VARIATIONS OF LANTERN

FA-165HA: 8 Watt **Green** LED Perimeter light conforming to CAP 437.

FA-165HA: 8 Watt 25 candela **Yellow** LED Perimeter light.

FA-165HA: 10 Watt 25 candela **Blue** LED Perimeter light.

FA-165HA: Tricolor Perimeter Light. 8 Watt **Green/Yellow/Blue** LED array. Selectable color Perimeter Light allowing drilling rigs, service vessels etc. to display a CAP 437 **Green** perimeter light or 25 Candela **Yellow/Blue** perimeter lights from the same fixture.



Class 1, Div. 2, Groups A, B, C, D
Ta 54°C T5, Ta 74°C T4A

CAP 437 Photometric and Chromaticity Test Certificate

Intertek Report No.: 100224354 CRT-002

Specifications subject to change without notice

Form No.: 101411D

