

EMERGENCY WRECK MARKING LIGHT



In accordance with IALA Recommendation 0-133, Pharos Marine has introduced a unique blue/yellow flashing light.

Featuring a highly efficient 155 mm acrylic fresnel drum lens system, the FA-249 is a rugged, compact, and lightweight marine signal lantern. It is particularly suited for service on buoys, fixed platforms, barges, bridge and aviation obstruction lights.

With the advent of LED light sources, Pharos Marine/Automtic Power has adapted the FA-249 marine lantern for use as an LED lantern due to its widespread use and excellent reputation as a buoy lantern. It provides the user with the advantages of a proven lantern design with the flexibility to use the same housing and lens system for both LED and lamp changer systems and to retrofit LED's into existing installations.

Utilising very high flux LED's mounted on a STABRITE LED array system and driven by specially designed electronics; the FA-249LED represents the state of the art in LED light systems.

The large base of the lantern has space available to house remote monitoring radios, Uniflash®-II GPS synchronising system, ATONIS (AIS Monitoring) etc.,

TECHNICAL DATA

LENS:

155 mm 360 degree visibility acrylic clear Fresnel lens.

Fitted with the AM-6 Flasher with 3 x 4 STABRITE LED array in blue/yellow configuration.

STABRITE LED array:

Extremely high flux, compact blue/yellow LED's mounted on a heavy-duty heat sink and encapsulated inside a sealed housing. The STABRITE system is designed to maximise the life of the LED array. The system provides a secondary environmental enclosure independent of the lantern housing to assure that moisture does not reduce the life of the LED. Additionally, the heavy-duty heat sink maximises the life of the LED array by keeping the maximum temperature of the array to less than 50°C. The LED array/diffuser system approximates a marine signal lamp located at the focal point of the lens to maximise the output of the lantern in the horizontal plane with a horizontal uniformity of $\pm 15\%$ and wide vertical divergence.

Range 4 N Miles at T=0.74

Character:

BI 1.0 + 0.5S + YI 1.0 + 0.5 = 3.0 sec