

FA-250 High Wattage Lantern

The FA-250FV series high wattage lantern can be used in several applications where a high intensity light is desirable and an AC power source would be available. The unit is equipped with two 500 watt, 80 volt quartz halogen lamps positioned in an APLC-120 Two Place lampchanger. A variety of controllers can be used to flash this lantern to meet different required applications.

The unit is fan ventilated, ducting ambient air through a filter in the top and out of the bottom of the lantern. The air stream is directed across the lens and lens cover to prevent heat damage to the acrylic lens and lens cover. A built-in thermal shut off switch prevents damage to the lens if the fan should fail.

Previous application of this lantern has been for high intensity lights for bridges and for artificial island markings such as offshore platforms.

Sectored color filters can be added to the lantern to mark channels such as a transit light.

The FA-250-FV-4 and the FA-250-HA/FV-5 are rated to operate with a 500 watt lamp at less than a 35% duty cycle and have an internally mounted ventilation fan.

The FA-250-FV-6 and the FA-250-HA/FV-7 are rated to operate with a 500 watt lamp at greater than a 35% duty cycle and have an externally mounted ventilation fan as indicated in the photograph.

The FA-250HA/FV-5 and 7 model is Factory Mutual approved to meet Class I, Division 2, Group D requirements as established by the N.E.C. Code. The FA-250FV-4 and 6 are not rated.

A variety of controllers can be used to operate the unit through a voltage input range of 80 to 240 volts AC, 50 or 60 Hertz.

The FA-250FV series lanterns have a fixed intensity of 15,327 candelas at 82 volts input. The rated life of the lamp is 1000 hours.

Consult Automatic Power for particular application requirements.



FA-250FV-6

Dimensions: 14 $\frac{1}{4}$ " dia. x 35 $\frac{1}{4}$ " high

Weight: 32 pounds

Shipping Weight: 37 pounds

Shipping Carton: 16" x 16" x 36"

Shipping Volume: 5.3 cu. ft.



Automatic Power Inc