

L-865 Xenon Flashing Obstruction Light for Explosive Environments

MODEL FA-250EX320



The FA-250EX320 is a medium intensity, omnidirectional, aircraft obstruction light designed for towers, chimneys, cooling towers, oil and gas facilities and refineries. Available in models approved for ATEX Zone 1 and 2 environments or CSA Field Certified for NEC Class 1 Division 2 Group C and D, T4, or EExd IIB T4 Hazardous Areas. It complies with FAA L-865 and ICAO Medium Intensity Type A.

The light consists of a 320 mm precision molded Fresnel lens mounted on an ATEX certified Zone 1 EEx 'd' transparent enclosure. The lantern contains a single xenon flash tube rated for two years life. The FA-250EX320 controller may be located remotely from the flash head. It provides flash control, photocell input (auto, on, off), synchronization terminal and monitoring via form C contacts.

FA-250EX320 Beacon Specifications

FAA Standards: AC-150/5345-43E

Intensity Level: Medium

Horizontal Coverage: 360°

Vertical Beam: 3° Minimum

Fresnel Optics: 320 mm Lens

Lamp Description: Xenon Flashtube

Effective Candelas: 20,000 ± 25% / Day, 2,000 ± 25% / Night

Number of Flashes / Minute: 40 Day / 40 Night

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

Flash Head Material: Acrylic

Flash Head Base Material: LM-6 Cast Aluminum

Weight: 35 lbs. (16 Kg)

Operating Temperature: -20°C TO +40°C

Max/Peak amps: 11 amps

Wattage: 110 Watts / Day mode, 35 Watts Night Mode



Controller Specifications

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

Power Requirements: 120 V/240 V 50-60Hz AC

Electronics Enclosure: NEMA 4X (standard), IP 67 rated

Dimensions: 18" x 16" x 9 ½" (45.7 cm x 40.6 cm x 23.5 cm)

Weight: 45 lbs. (20.3 Kg)

Lightning Protection: MOVs Isolation Transformer

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

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Form N° 011010B

