

XENON FLASHTUBE BEACONS

Xenon flashtube beacons are typically used in applications requiring a visual signal with an intense momentary flash- This intense flash is highly identifiable in either daytime or nighttime.

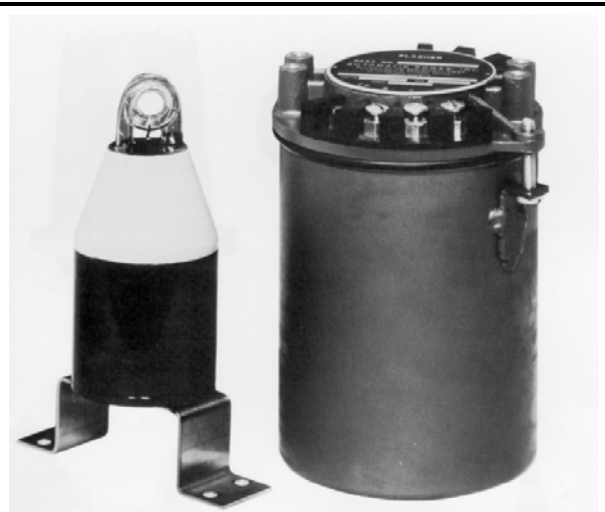
The XFB series of flashtube beacons are available for use in virtually all Automatic Power lanterns. These units, when mounted in appropriate lanterns, have been approved by Factory Mutual for use in Class 1 Division 2 areas. The Xenon XFB series includes the XFB-001, X178-005, and XFB-010 units. Each unit will operate from any external 10 to 15 volts D voltage source at a current of 2 amps.

The numeric designation indicates output energy (in Joules) per flash.

Xenon flashtube beacons are available to flash with a minimum period of one second with a flash duration of approximately 200 μ s. The unit will provide 360° coverage in the horizontal plane. Daylight control is provided.

The flashtube in the FB series is a helical flashtube of capillary design, rated for operation at 300-450 volts. The flash head is field replaceable and mounts to a standard lampchanger bracket.

An XFB beacon can be synchronized with a conventional light to provide a signal of great conspicuity which is useable at a range well beyond that of either component light.



Flash-head

XFB Flasher



FA-249 showing XFB unit in place.

OPERATING DATA FOR ALL UNITS

- **OPERATING VOLTAGE:** 10-15 VDC
- **AVERAGE CURRENT:** 2 AMPS
- **MAXIMUM CURRENT:** 4 AMPS
- **AVERAGE CONSUMPTION:** 28 AH per day (at 1 flash per second)
- **FLICK DURATION:** 200 microseconds

Model Name	OUTPUT			Joules	Wt
	FA-249	FA-250	FA-240		
XFB-001	85	120	1400	1	2.5
XFB-005	425	600	7000	5	2.5
XFB-010	850	1200	14000	10	2.5
Flash-Head					.06

NOTE: Use of a condensing panel in the FA-250 will increase the intensity along the axis of the panel by a factor of 5. The unit may also be installed in the FA-240 range light but has not been rated for use in hazardous areas in that lantern.

* Effective intensity, in candelas, with clear lens