

# Xenon Flashtube Beacons



Flash Head



XFB Flasher

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 I, Division 2 areas.

The Xenon XFB series includes the XFB-001, XFB-005, and XFB-010 units. Each unit will operate from any external 10 to 15 volts DC 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  $\mu$ s. The unit will provide 360° coverage in the horizontal plane. Daylight control is provided.

The flashtube in the XFB 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.

 **Automatic Power Inc**

# Xenon Flashtube Beacons



FA-240



FA-250



FA-249



XFB Unit



FA-249 showing XFB unit in place.

MODEL NAME	PART NO.	OUTPUT*			JOULES	WT.
		FA-249	FA-250	FA-240		
XFB-001	9010-0186	85	120	1400	1	2.5
XFB-005	9010-0185	425	600	7000	5	2.5
XFB-010	9010-0181	850	1200	14000	10	2.5
FLASH HEAD	9001-0295					0.6

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.

## OPERATING DATA FOR ALL UNITS

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



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