

## Synchronized Explosion Proof Strobe Light for Hearing Impaired Model FSEX-HI



(Shown with pendant mount. See how to order for mounting options)

### DESIGNED FOR USE IN EXPLOSION-PROOF ATMOSPHERES

- Approved for mounting in any manner-including dome up
- Synchronize with SSM module
- Current Limited
- 10,000 hour strobe tube
- ¾" NPT pendant, ceiling and wall mount options available
- Dome guard optional
- Type 4X, IP66 enclosure
- Marine Rated
- UL1971 Listed and CSFM Approved

Federal Signal's Model FSEX-HI explosion-proof strobe light produces 80 high-intensity flashes per minute. This warning light operates on 24VDC and is unique to the market because it covers an entire range of possible mounting configurations—including dome up. This light is designed for use in alarm notification systems and is compatible with fire alarm and suppression supervised control panels and power boosters.

The FSEX is UL Listed for Class I, Division 1, Groups C and D; Class II, Division 1, Groups E, F and G; Class I, Division 2, Groups A, B; and Class III. The FSEX-HI is UL and cUL listed, and Marine Rated.

The 24VDC FSEX-HI features a voltage in-rush limiting PCB design that provides greater compatibility with factory automation control systems and less electrical interference with in-rush sensitive devices.

The FSEX-HI is Type 4X rated; constructed to IP66. Corrosion resistance is achieved with a powder coat finish applied over the copper-free aluminum housing.

Federal Signal's Model FSEX-HI is rated at 150 candela per UL1971 and @ two million peak candela. The FSEX-HI can be paired with a pendant, ceiling or wall mount. For easy installation, the mounting box is first installed and the fixture is then threaded onto the mounting box, making the electrical connection. Electrical continuity is made when five threads are engaged.

Federal Signal's Model FSEX-HI is specifically designed for explosion-proof atmospheres and/or corrosive environments. Because it is easy to install and requires very low maintenance, it is ideal for use in areas such as oil rigs, mines, refineries, and chemical plants.

### Hazardous Location Rating:

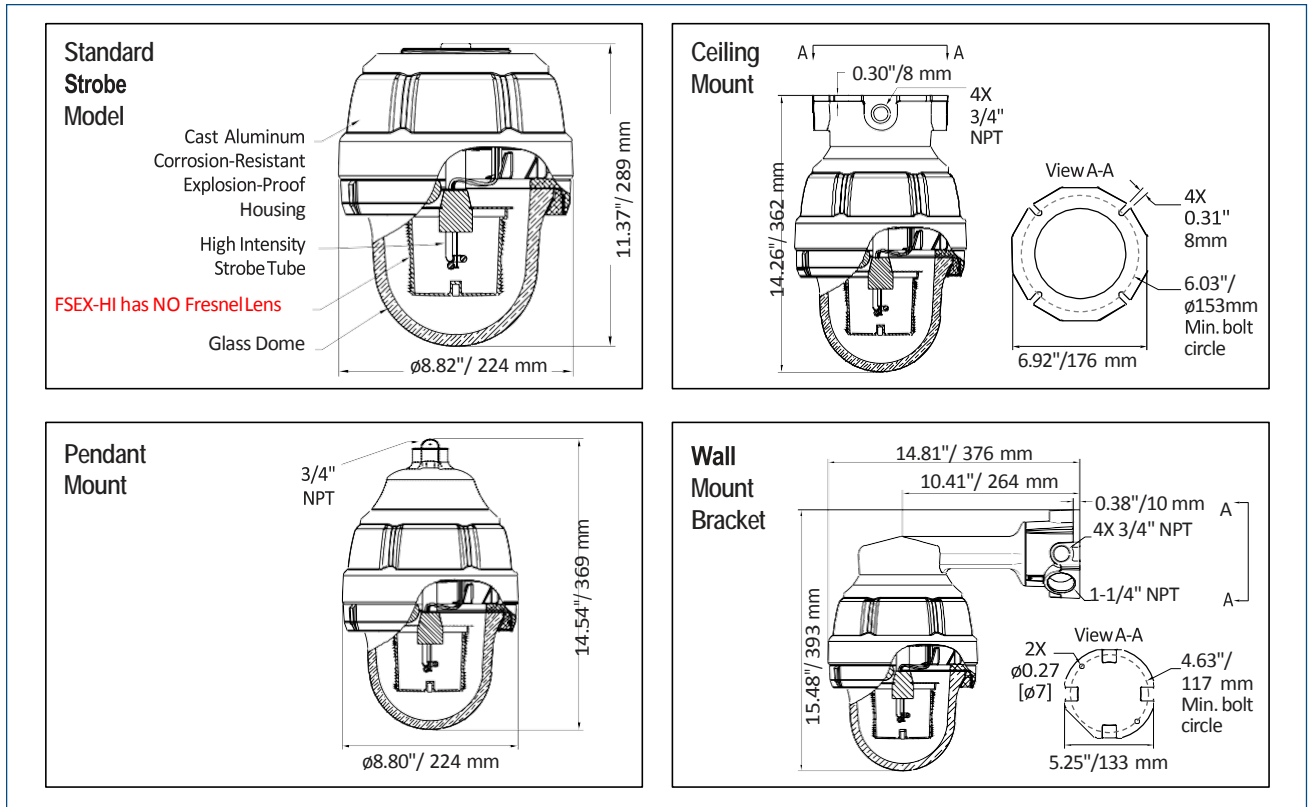
Hazardous Location	T-Code at Maximum Ambient Temperature, °C	
	40°C	65°C
<b>Class I, Div 1 &amp; 2, Groups C &amp; D</b>	T6/85°	T4A/120°
<b>Class I, Div 2, Groups A &amp; B</b>	T2/300°	T2/300°
<b>Class II, Div 1, Groups E, F &amp; G</b>	T6/85°	T4A/120°
<b>Class III</b>	T6/85°	T4A/120°

Model	Voltage	Operating Current	Flash Rate/Minute	Candela Peak <sup>2</sup>	UL1971
<b>FSEX-HI-MOD<sup>1</sup></b>	24VDC	1.90 amps (3.0 amp In-rush)	80	2,000,000	150

<sup>1</sup> See "how to order" for mounting options.

<sup>2</sup> Peak candela is the maximum light intensity generated by a flashing light during its light pulse

## EXPLOSION-PROOF STROBE LIGHT (FSEX-HI)



### SPECIFICATIONS

Lamp Life:	10,000 Hours	10,000 Hours
Light Source:	Strobe tube	Strobe tube
Operating Temperature Range	-67°F to 150°F	-55°C to 65°C
Net Product Weight		
Signal without Mounting:	13.9 lbs	6.3 kg
Ceiling Mount:	4.5 lbs	2.0 kg
Pendant Mount:	2.0 lbs	0.9 kg
Wall Mount:	5.9 lbs	2.7 kg

### HOW TO ORDER

Light and Mounting Kit must be ordered together.

1. Specify model, voltage and color
  2. Specify Mounting Kit
    - Ceiling (CMXC-R-SB)
    - Pendant (PMXC-R-SB) Wall Mount (WMXC-4R-SB)
- Optional Accessories: Dome Guard (DGXC-SB)

### REPLACEMENT PARTS

<u>Description</u>	<u>PartNumber</u>	<u>Description</u>	<u>PartNumber</u>
Exterior Dome Assembly, Clear	K8436147A	24VDC Mechanism	K8436107F-03
		Strobe Tube	K8107159A
		PC Assembly, 24VDC	K2001918B-01