



(Shown with pendant mount)

► Model FSEX-HI

# Hearing Impaired Explosion-Proof Strobe Light

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 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.

Federal Signal’s Model FSEX 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.

## FEATURES

- 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, IP69K enclosure
- 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
- Marine Rated
- CSFM Approved
- UL Fire Listed

MODEL	VOLTAGE	OPERATING CURRENT	FLASH RATE / MINUTE	CANDELA PEAK <sup>2</sup>	UL 1971	ECP
<b>FSEX-HI-MOD<sup>1</sup></b>	24VDC	1.90 amps (3.0amps in-rush)	80	2,000,000	150	850

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

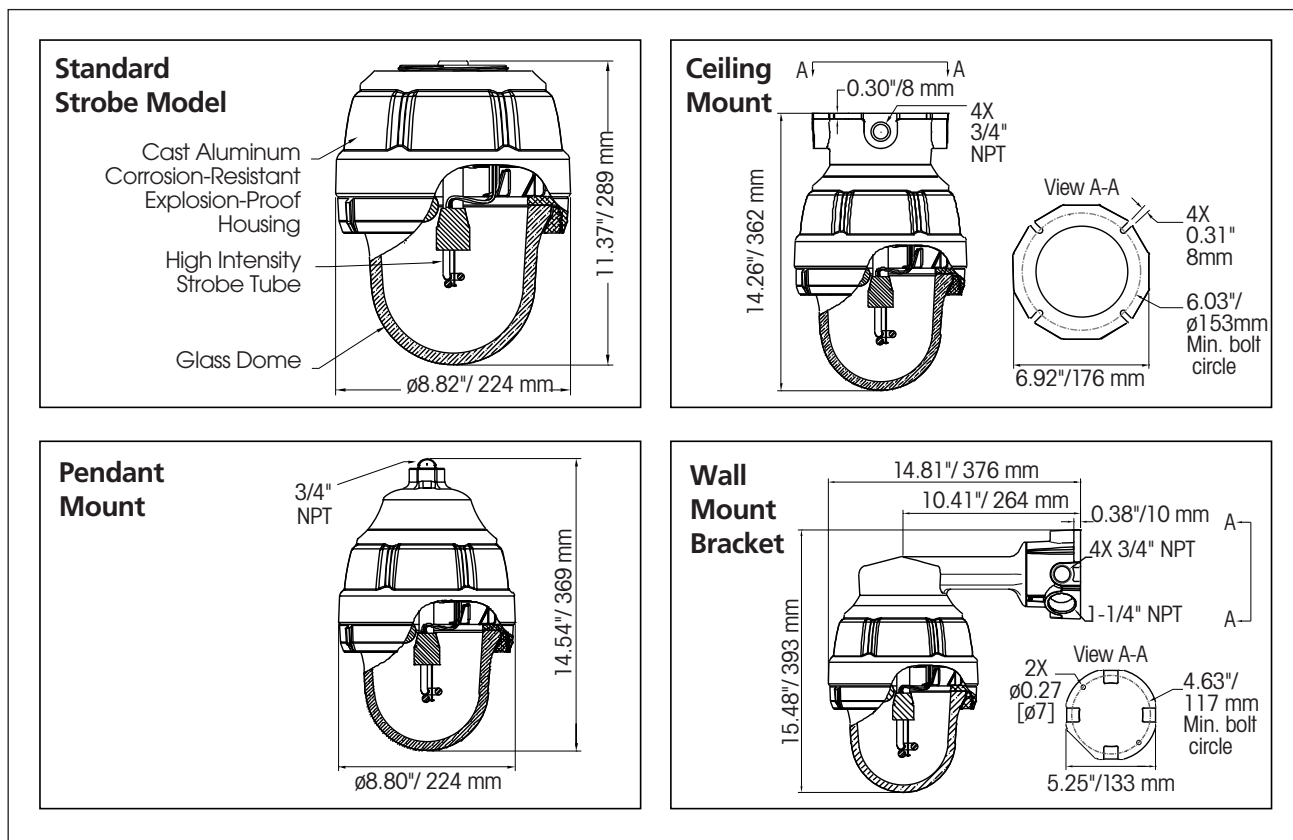
<sup>2</sup> Peak candela is the maximum light intensity generated by a flashing light during its light pulse

### HAZARDOUS LOCATION RATING: FSEX-HI

T-CODE AT MAXIMUM AMBIENT TEMPERATURE, °C

Hazardous Location	40°C	65°C
Class I, Division 1, Groups C, D	T6	T4A
Class I, Division 2, Groups A, B	T2B	T2A
Class II, Division 1, Groups E, F, G	T6	T4A
Class III	T6	T4A

## Hearing Impaired Explosion-Proof Strobe Light (FSEX-HI)



### SPECIFICATIONS

Lamp Life:	10,000 Hours	
Light Source:	Strobe tube	
Operating Temperature Range:	-31°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

### REPLACEMENT PARTS

Description	Part Number
Exterior Dome Assembly, Red	K8436147A-01
24VDC Mechanism	K8436107F-03
Strobe Tube	K8107159A
PC Assembly, 24VDC	K2001918B-01

### HOW TO ORDER

**Specify Model:**  
**FSEX-HI-MOD** – Hearing Impaired Explosion-Proof Strobe Light

**Specify Mounting:\***

Description	Part Number
Ceiling Mount	CMXC-R-SB
Pendant Mount	PMXC-R-SB
Wall Mount	WMXC-4R-SB

\* Mounting kit must be ordered with unit, sold separately

### OPTIONAL ACCESSORIES

Description	Part Number
Dome Guard	DGXC-SB
Strobe Synchronization Module	SSM