FEDERAL SIGNAL

Model FSEX-HI

Explosion-Proof Hearing Impaired Strobe Lights

(Shown with pendant mount)

Model FSEX-HI explosion-proof strobe light produces (60) high-intensity flashes per minute. This warning light operates on 24 Vdc 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.

Model 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.

Model FSEX-HI is specifically designed for explosion-proof atmospheres and/or corrosive environments. Since 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.

c UL us | LENS COLOR OPTIONS ◯ | LOW IN-RUSH

FEATURES

- Approved for mounting in any manner– including dome up
- Synchronize with SSM module
- Current limited
- 10,000-hour strobe tube
- 3/4-inch NPT pendant, ceiling and wall mount options available
- Dome guard optional
- Conformal coated PCB
- Type 4X, IP66 enclosure
- IP69K compliant
- Marine Rated
- CSFM Approved
- UL Listed for Class I, Division 1, Group C and D; Class I, Division 2, Groups A, B, C, and D; Class II, Division 1, Groups E, F, and G; Class III
- UL Fire Listed

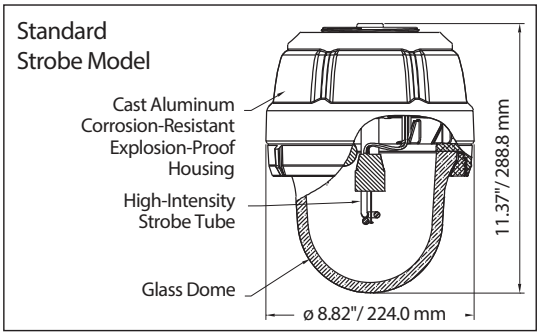
MODEL	VOLTAGE	OPERATING CURRENT	FLASH RATE/ MINUTE	CANDELA PEAK[2]	UL 1971	ECP
FSEX-HI-MOD[1]	24 Vdc	1.90 A (3.0 A in-rush)	60	2,000,000	150	850

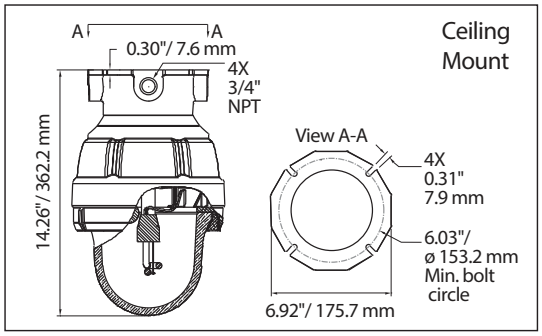
[1] See "how to order" for mounting options
[2] Peak candela is the maximum light intensity generated by a flashing light during its light pulse

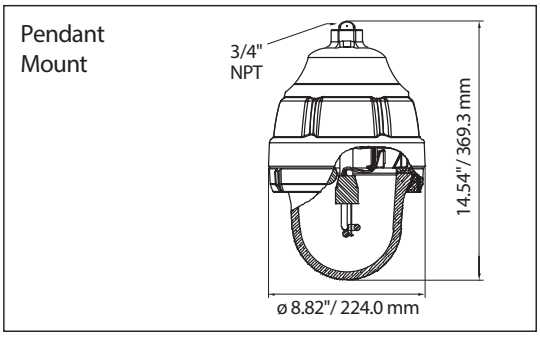
HAZARDOUS LOCATION RATING: FSEX-HI

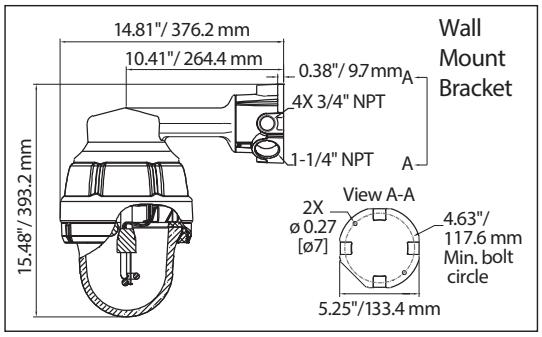
T-CODE AT MAXIMUM AMBIENT TEMPERATURE, °C		
Hazardous Location	**40°C**	**65°C**
Class I, Division 1, Groups C, D	T6	T4A
Class I, Division 2, Groups A, B, C, D	T2B	T2A
Class II, Division 1, Groups E, F, G	T6	T4A
Class III	T6	T4A

Explosion-Proof Hearing Impaired Strobe Lights (FSEX-HI)









SPECIFICATIONS

Lamp Life:	10,000 Hours
Light Source:	Strobe tube
Operating Temperature Range: -67° to 150°F (-55° to 66°C)	
Net Product Weight	
Signal without Mounting:	13.9 lb (6.3 kg)
Ceiling Mount:	4.5 lb (2.0 kg)
Pendant Mount:	2.0 lb (0.9 kg)
Wall Mount:	5.9 lb (2.7 kg)

HOW TO ORDER

Description	Part Number
Specify Model:	
Hearing Impaired Explosion-Proof Strobe Light	**FSEX-HI-MOD**
Specify Mounting:*	
Ceiling Mount	**CMXC-R-SB**
Pendant Mount	**PMXC-R-SB**
Wall Mount	**WMXC-4R-SB**

* Mounting kit must be ordered with unit, sold separately

ACCESSORIES

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

REPLACEMENT PARTS

Description	Part Number
Exterior Dome Assembly, Red	**K8436147A-01**
24 Vdc Mechanism	**K8436107F-03**
Strobe Tube	**K8107159A**