



(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
- Five lens colors
- 10,000 hour strobe tube
- ¾" NPT pendant, ceiling and wall mount options available
- Dome guard optional
- Type 4X, IP66 enclosure
- Marine Rated
- UL and cUL Listed and CSFM Approved

## Model FSEX Explosion Proof Strobe Light

Federal Signal's Model FSEX 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 is UL and cUL listed, and Marine Rated.

The 24VDC FSEX 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 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 has an effective candela (ECP) of 850 and a two million peak candela. The FSEX 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 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>	ECP <sup>3</sup>
<b>FSEX-24PM *_-MOD<sup>1</sup></b>	24VDC	1.90 amps (3.0 amp In-rush)	80	2,000,000	850

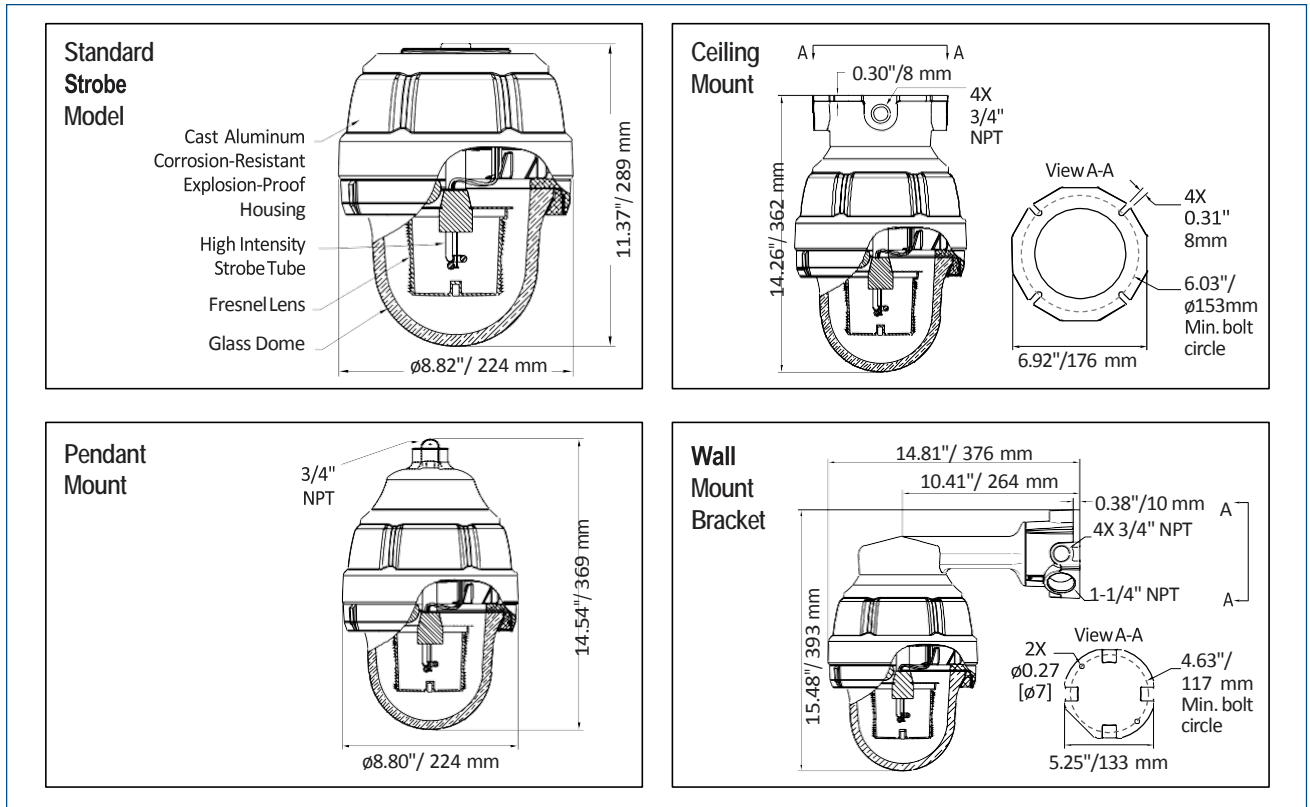
\* Indicates color: (A) Amber, (B) Blue, (C) Clear, (G) Green or (R) Red

<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

<sup>3</sup> ECP (Effective Candela) is the intensity that would appear to an observer if the light were burning steadily

## EXPLOSION-PROOF STROBE LIGHT (FSEX)



### SPECIFICATIONS

Lamp Life:	10,000 Hours	10,000 Hours
Light Source:	Strobe tube	Strobe tube
Ambient Temperature Range - Enclosure	-67°F to 150°F	-55°C to 66°C
Operating Temperature Range	-31°F to 150°F	-35°C to 66°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>Part Number</u>	<u>Description</u>	<u>Part Number</u>
Exterior Dome Assembly,	K8436147A	24VDC Mechanism	K8436107F-03
Clear Interior Lens Assembly,	K8550C095A-02	Strobe Tube	K8107159A
Amber Interior Lens Assembly, Blue	K8550C095A-01	PC Assembly, 24VDC	K2001918B-01
Interior Lens Assembly, Clear	K8550C095A		
Interior Lens Assembly, Green	K8550C095A-04		
Interior Lens Assembly, Red	K8550C095A-03		