



(Shown with pendant mount)



► 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 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.

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
- Four lens colors: Amber, Blue, Clear and Red
- 10,000 hour strobe tube
- 3/4" NPT pendant, ceiling and wall mount options available
- Dome guard optional
- Type 4X, IP66, IP69K enclosure
- UL and cUL 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

| MODEL | VOLTAGE | OPERATING CURRENT | FLASH RATE / MINUTE | CANDELA PEAK ² | ECP ³ |
|-------------------------------------|---------|---------------------------------|---------------------|---------------------------|------------------|
| FSEX-24PM * -MOD¹ | 24VDC | 1.90 amps (3.0 amps in-rush) | 80 | 2,000,000 | 850 |

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

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

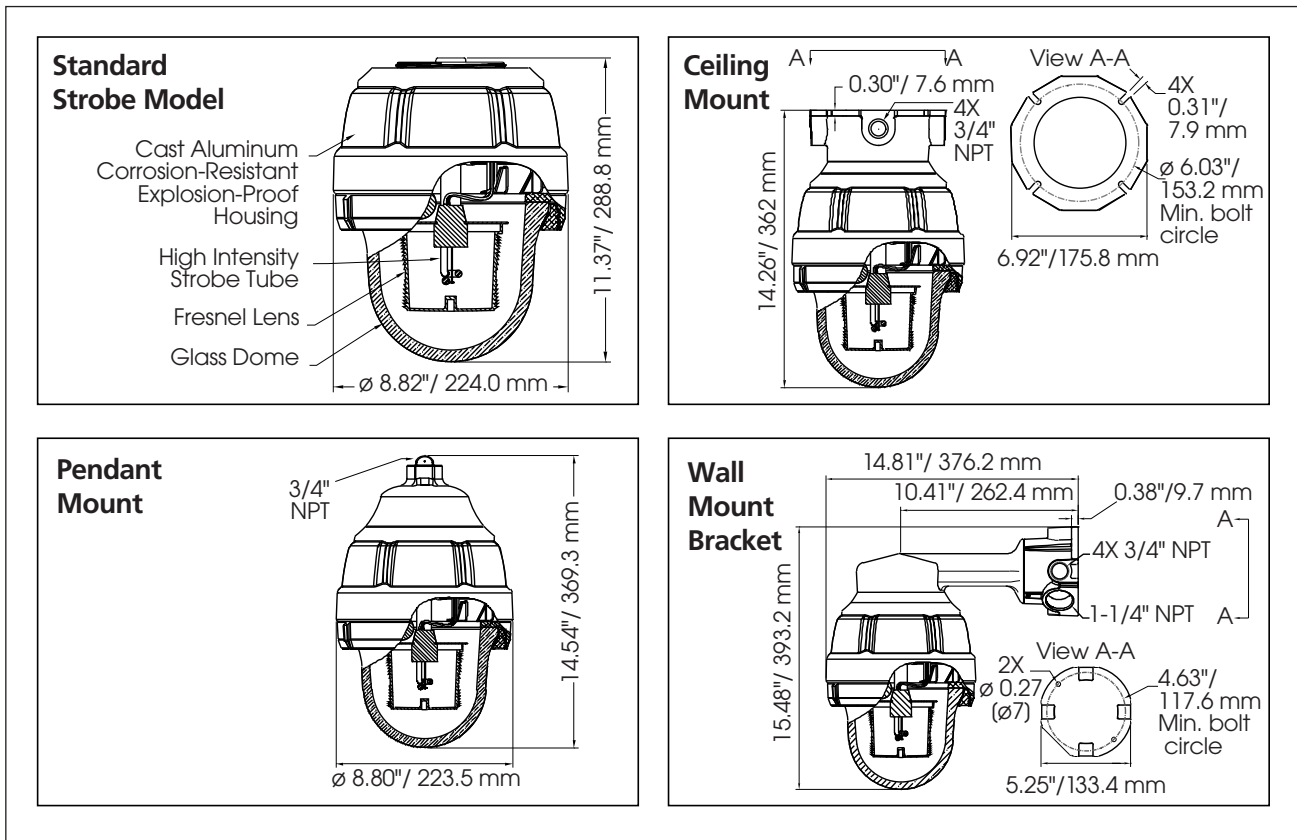
³ ECP (Effective Candela) is the intensity that would appear to an observer if the light were burning steadily

HAZARDOUS LOCATION RATING: FSEX

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 | T2 | T2 |
| Class II, Division 1, Groups E, F, G | T6 | T4A |
| Class III | T6 | T4A |

Explosion-Proof Strobe Light (FSEX)



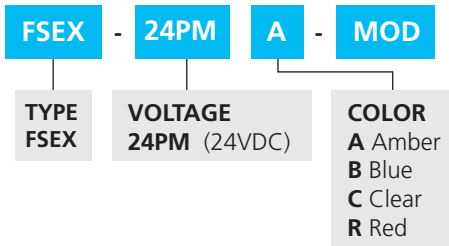
SPECIFICATIONS

| | | |
|--------------------------|----------------|---------------|
| Lamp Life: | 10,000 Hours | |
| Light Source: | Strobe tube | |
| Operating Temperature: | -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 |

REPLACEMENT PARTS

| Description | Part Number |
|-------------------------------|---------------|
| Exterior Dome Assembly, Red | K8436147A-01 |
| Interior Lens Assembly, Amber | K8550C095A-02 |
| Interior Lens Assembly, Blue | K8550C095A-01 |
| Interior Lens Assembly, Clear | K8550C095A |
| Interior Lens Assembly, Red | K8550C095A-03 |
| 24VDC Mechanism | K8436107F-03 |
| Strobe Tube | K8107159A |
| PC Assembly, 24VDC | K2001918B-01 |

HOW TO ORDER



OPTIONAL ACCESSORIES

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

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