

# Explosion-Proof Hearing Impaired Strobe Lights

Model FSEX-HI explosion-proof strobe light produces 60 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.

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.

### Features

- Approved for mounting in any manner—including dome up
- Synchronize with SSM module
- Current limited
- 10,000 hour strobe tube
- 3/4" 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 <sup>2</sup>	UL 1971	ECP
FSEX-HI-MOD <sup>1</sup>	24VDC	1.90 A (3.0 A in-rush)	60	2,000,000	150	850

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

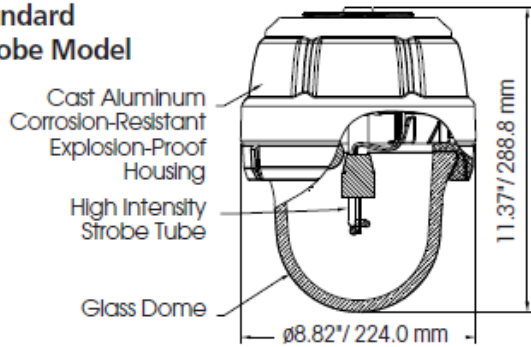
<sup>2</sup> Peak candela is the maximum light intensity generated by a flashing light during its light pulse

### HAZARDOUS LOCATION RATING: FSEX-HI

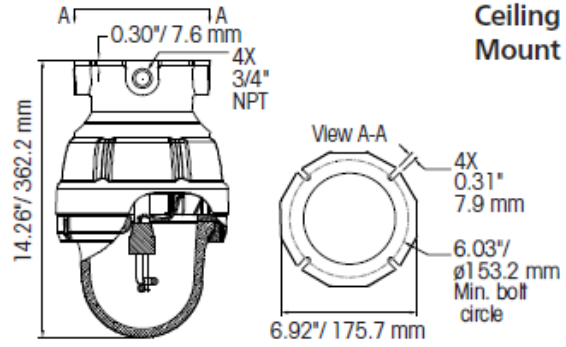
T-CODE AT MAXIMUM AMBIENT TEMPERATURE, °C

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

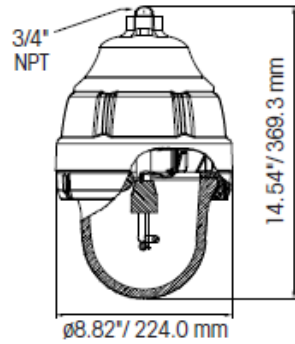
### Standard Strobe Model



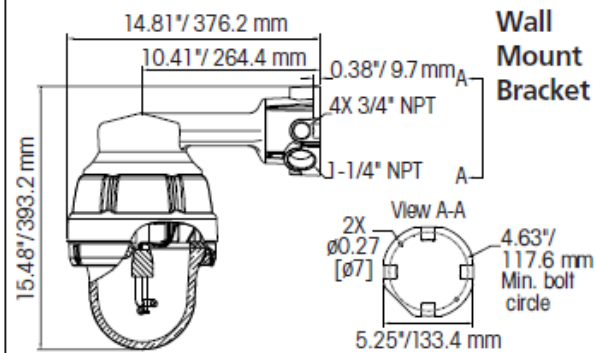
### Ceiling Mount



### Pendant Mount



### Wall Mount Bracket



### Specifications

Lamp Life:	10,000 Hours
Light Source:	Strobe tube
Operating Temperature Range:	-67°F to 150°F -55°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

### Replacement Parts

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

### Optional Accessories

Description	Part Number
Dome Guard	DGXC-SB
Synchronization Module	SSM

### 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



Brooks Equipment • 10926 David Taylor Dr, Suite 300 • Charlotte, NC 28262 • 800.826.3473 (P) • 800.433.9265 (F)

Sales@BrooksEquipment.com • www.BrooksEquipment.com

No liability is accepted for any consequence of the use of this document. The technical specification of this unit is subject to change without notice due to our policy of continual product development. All dimensions are approximate. This unit is sold subject to our standard conditions of sale, a copy of which is available on request.