

**FEATURES:**

- 24VDC polarized operation.
- 80 high intensity flashes per minute.
- Effective candle power of 850 candela (clear lens).
- Current draw 1.9A.
- Rugged explosion-proof circuitry housing.
- Corrosion resistant housing.
- NEMA Type 4X rated.
- Approved for marine visual signaling.
- Factory sealed leads.
- Wiring conduit tapped for 3/4" conduit.
- Terminal wiring connections.
- Indoor or outdoor mounting.
- Clear, red, or amber Lexan polycarbonate lens.
- UL Listed.

**DESCRIPTION**

Evax Model FSEX is an explosion-proof strobe light designed for use in hazardous locations which provides 80 high intensity flashes per minute. The strobe light has an effective candle power of 850 candela.

The strobe mechanism and circuitry is contained in a corrosion resistant copper free cast aluminum, explosion-proof housing. Wire leads are factory sealed. The wiring conduit is tapped for 3/4" conduit and has terminals for wiring connections. The strobe light is listed for indoor or outdoor use and is finished in red enamel. The FSEX is NEMA Type 4X rated and is also listed as a marine visual signaling device. The strobe light operates on 24VDC and is polarized for connection to supervised alarm notification circuits. The strobe is equipped with a clear, red, or amber Lexan® polycarbonate inner lens.

**APPLICATION**

The Model FSEX-HI explosion-proof strobe light is well suited for visual signaling in hazardous locations where a high intensity visual signal is required. The strobe light is suitable for use in National Electrical Code:

- Class I, Groups A, and B, Division 2;
- Class I, Groups C, and D, Division 1 & 2;
- Class II, Groups E, F and G, Division 1 & 2;
- Class III, Division 1 & 2, hazardous locations.

**EF-FSEX Series**  
**Explosion-proof**  
**Strobe Light**



Evax Model EF-FSEX Explosion-proof Strobe



The strobe light is designed for locations where the danger of explosion exists. The strobe light can be indoor or outdoor mounted.

The Model FSEX explosion-proof strobe light carries the following listings/approvals:  
 Agency Reference Number  
 UL FSEX (File E244413:UJTK/UL1203,UL1638  
 FSEX-HI (File E244419:UXWC/UL1203,UL1971)

HAZARDOUS LOCATIONS			
Class	Group	Division	Max. Oper. Temp./Code at 40° C Ambient
I	A, B	2	260° C / T2B
I	C, D	1 & 2	85° C / T6
II	E, F, G	1 & 2	85° C / T6
III	-	1 & 2	85° C / T6

**NOTE:**

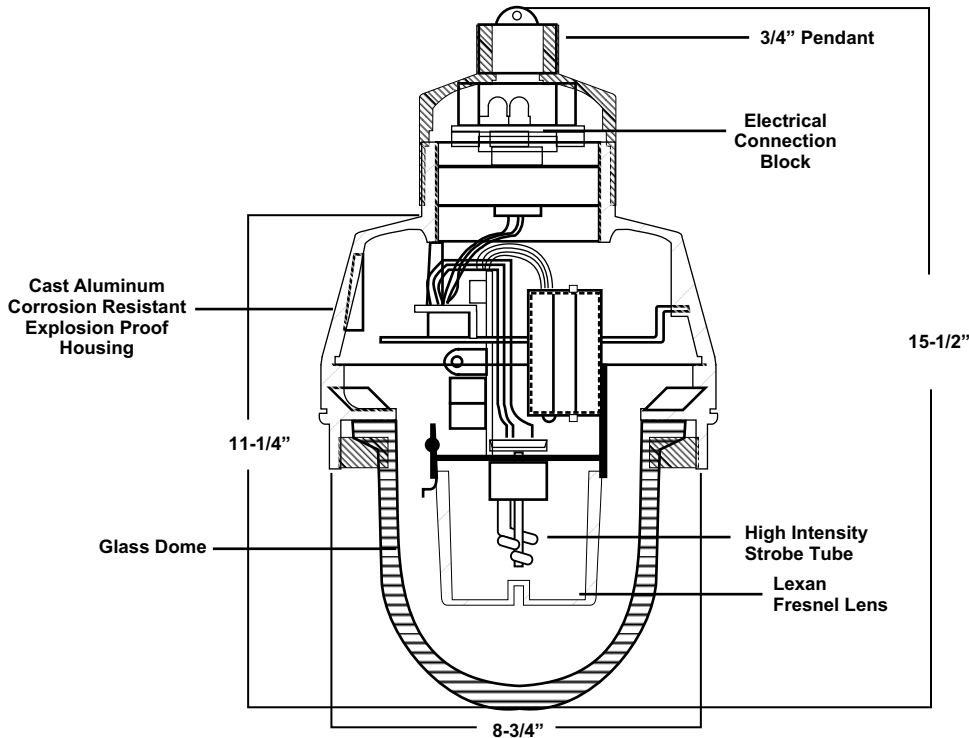
Refer to Installation manual for specific installation and product information, catalog sheet for reference only.

**MODEL FSEX EXPLOSION-PROOF STROBE LIGHT SPECIFICATIONS**

Model	Nominal Input Voltage	Current	Candela Rating	Approx. Flash Rate	Dimensions	Weight
FSEX	24VDC	1.9A	850 Candela	80/minute	15 1/2"H x 8 3/4"	18.1 lbs

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III	-	1 & 2	85 C / T6



**HOW TO ORDER:**

**EF-FSEX**      24VDC Explosion-proof High Intensity Strobe Light

**Mounting Accessories:**

- EF-DGXC**      Dome Guard (special order)
- EF-CMXC**      Ceiling Mount (special order)
- EF-WMXC**      90° Wall Mount (special order)
- EF-SMXC**      25° Stanchion Mount (special order)

**Replacement parts (special order)**

- EF-8550C095**      Fresnel Lens, Clear.
- EF-8550C095-02**      Fresnel Lens, Amber.
- EF-8550C095-03**      Fresnel Lens, Red.
- EF-LITFSEX01A**      Strobe Tube (series A2, B1).

**SPECIFICATIONS:**

Alarm notification appliances shall be explosion-proof strobe lights. The unit shall be designed for use in hazardous locations. The strobe light circuitry shall be contained in a corrosion resistant copper free cast aluminum, explosion-proof housing. The entire unit shall have a red finish. The strobe lights shall be capable of indoor or outdoor mounting. The strobe lights shall be suitable for use in National Electrical Code: Class I, Groups A, and B, Division 2; Class I, Groups C, and D, Division 1 & 2; Class II, Groups E, F and G, Division 1 & 2; Class III, Division 1 & 2, hazardous locations. The strobe lights shall have an effective candle power of 850 candela. The strobe lights shall operate on 24VDC with 1.9A current draw and be polarized for DC supervision. The strobe lights shall be NEMA Type 4X rated and also be approved as a marine visual signaling device. The strobe lights shall be UL Listed. Alarm notification appliances shall be Evax Model EF-FSEX Series B explosion-proof strobe lights.

*Specifications are subject to change without notice. Specifications are provided for information only and no responsibility is assumed by Evax Systems, Inc for their use.*