



(Shown with ceiling mount. See how to order for mounting options)

DESIGNED FOR USE IN EXPLOSION-PROOF ATMOSPHERES

- Approved for mounting in any manner-including dome up
- Available in 24VDC
- Six 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

Explosion-Proof Supervised Strobe Light

Model 27XST-024*-4-MOD

Federal Signal's Model 27XST-024*-4-MOD explosion-proof supervised 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.

Model 27XST-024*-4-MOD 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. It is UL and cUL listed, and Marine Rated.

The 24VDC 27XST-024*-4-MOD 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 27XST-024*-4-MOD is Type 4X rated; constructed to IP66. Corrosion resistance is achieved with a powder coat finish applied over the copper-free aluminum housing.

Model 27XST-024*-4-MOD has an effective candela (ECP) of 850 and a two million peak candela. The model 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.

Model 27XST-024*-4-MOD 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:

T-Code at Maximum Ambient Temperature, °C		
Hazardous Location	40°C	65°C
Class I, Div 1 & 2, Groups C & D	T6/85°	T4A/120°
Class I, Div 2, Groups A & B	T2A/280°	T2/300°
Class II, Div 1, Groups E, F & G	T6/85°	T4A/120°
Class III	T6/85°	T4A/120°

Model	Voltage	Operating Current	Flash Rate/Minute	Candela Peak ²	ECP ³	Mount
27XST-024 *-4-MOD	24VDC	1.90 amps (3.0 amp In-rush)	80	2,000,000	850	Ceiling



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

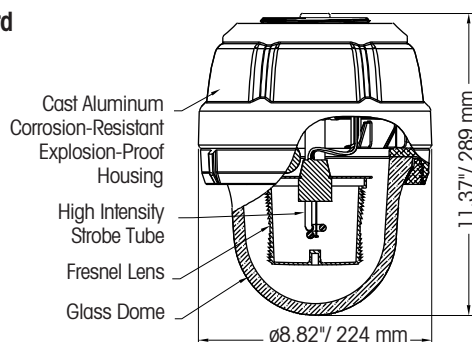
¹ See "how to order" for mounting options.

² Peak candela is the maximum light intensity generated by a flashing light during its light pulse

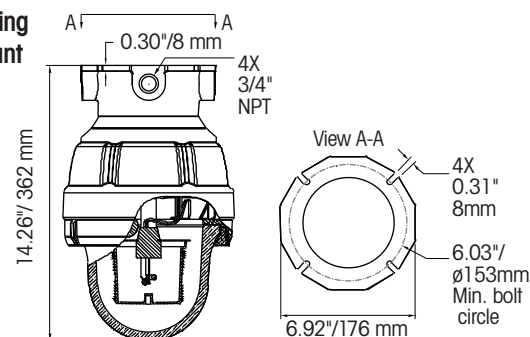
³ ECP (Effective Candela) is the intensity that would appear to an observer if the light were burning steadily

EXPLOSION-PROOF SUPERVISED STROBE LIGHT (27XST-024*-4-MOD)

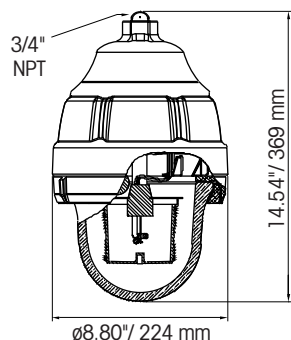
Standard Strobe Model



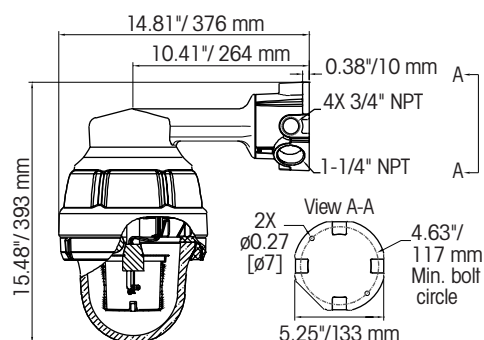
Ceiling Mount



Pendant Mount



Wall Mount Bracket



SPECIFICATIONS

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

HOW TO ORDER

Light and Mounting Kit must be ordered together.

1. Specify model, voltage and color
2. Specify Mounting Kit

Ceiling Mount (CMXC-SB)
Pendant Mount (PMXC-SB)
Wall Mount (WMXC-SB)

- Optional Accessories:
Dome Guard (DGXC-SB)

REPLACEMENT PARTS

Description	Part Number	Description	Part Number
Exterior Dome Assembly, Clear	K8436147A	24VDC Mechanism	K8436107F-03
Interior Lens Assembly, Amber	K8550C095A-02	Strobe Tube	K8107159A
Interior Lens Assembly, Blue	K8550C095A-01		
Interior Lens Assembly, Clear	K8550C095A		
Interior Lens Assembly, Green	K8550C095A-04		
Interior Lens Assembly, Magenta	K8550C095A-07		
Interior Lens Assembly, Red	K8550C095A-03		