



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

# Explosion-Proof Low Current-Synchronized Supervised Strobe Light

## Model 24XST

The Federal Signal Model 24XST Explosion Proof Strobe Light produces 60 high-intensity flashes per minute. The 24XST is UL Listed for Class 1, Division 1 & 2, Groups C & D; Class 1, Division 2, Groups A, B; Class II, Division 1, Groups E, F & G; and Class III. The 24XST is Type 4X and IP66 rated.

The 24XST features a current in-rush limiting PCB design to provide improved compatibility with inrush sensitive devices. This design limits the peak In-rush to 2A and operates on only 0.71A, when powered by 24VDC. To synchronize strobe lights purchase the Synchronization Module (SSM) separately. Call for other synchronization options

The 24XST can be paired with a pendant, ceiling or wall mount. The installation process is simple, by pre-installing the mounting box, the fixture can be simply threaded onto the mounting box, making an electrical connection when the threads are engaged.

Model 24XST offers a heavy duty, copper free cast aluminum housing is sealed with a red powder coat paint. This unit is specifically designed for explosion-proof atmospheres and/or corrosive environments. The 24XST is ideal for use in areas such as oil rigs, mines, refineries, and chemical plants.

## 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

### Hazardous Location Rating:

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

Model	Voltage	Peak In-Rush	Operating Current @24VDC	Flash Rate/Minute	Candela ECP <sup>2</sup>
24XST-024*-MOD <sup>1</sup>	24VDC	2A	0.71	60	280

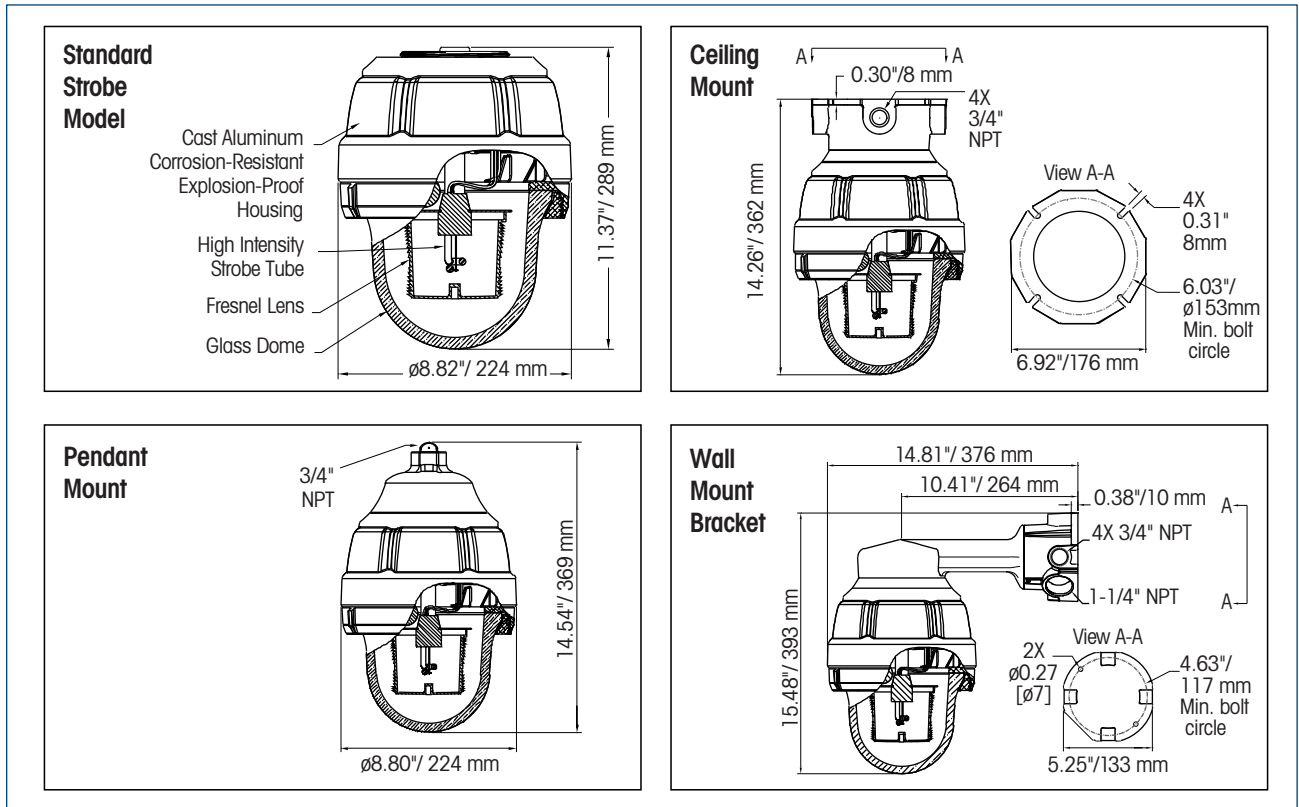
\* Indicates color: (A) Amber, (B) Blue, (C) Clear, (G) Green, (M) Magenta or (R) Red

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

<sup>2</sup> ECP (Effective Candela) is the intensity that would appear to an observer if the light were burning steadily



**EXPLOSION-PROOF SUPERVISED STROBE LIGHT (24XST)**



**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 Mount (CMXC-R-SB)  
 Pendant Mount (PMXC-R-SB)  
 Wall Mount (WMXC-4R-SB)

- Optional Accessories:  
 Dome Guard (DGXC-SB)  
 Synchronization Module (SSM)

**REPLACEMENT PARTS**

<u>Description</u>	<u>Part Number</u>	<u>Description</u>	<u>Part Number</u>
Exterior Dome Assembly, Clear	K8436147A	24VDC Mechanism	K8436107F-05
Interior Lens Assembly, Amber	K8550C095A-02	Strobe Tube	K8107159A
Interior Lens Assembly, Blue	K8550C095A-01		
Interior Lens Assembly, Clear	K8550C095		
Interior Lens Assembly, Green	K8550C095A-04		
Interior Lens Assembly, Magenta	K8550C095A-07		
Interior Lens Assembly, Red	K8550C095A-03		