



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

► Model 121X

# Explosion-Proof Rotating LED Warning Lights

Model 121X is an explosion-proof LED warning light available in 24 Vdc or 120 Vac and five colors. It features a parabolic reflector that rotates around a 360-degree LED, providing 60 revolutions per minute in a horizontal plane.

Model 121X can be combined with a pendant (PMXC-SB), ceiling (CMXC-SB), or wall (WMXC-SB) mount bracket and installed in any configuration – including dome up. Installation is simple: with the mounting box in place, the fixture is threaded onto the box, making the electrical connection. This corrosion-resistant unit's copper-free aluminum housing is finished with a powder coat.

Federal Signal's rugged 121X LED warning light is designed for explosion-proof applications and corrosive environments. It is ideal for use in indoor or outdoor applications such as oil rigs, mines, refineries and chemical plants.



LENS COLOR OPTIONS



## FEATURES

- Five lens colors: Amber, Blue, Clear, Green, and Red
- Available in 24 Vdc or 120 Vac
- 3/4-inch NPT pendant, ceiling, and wall mount options (mount required, sold separately, see 'how to buy' below for more information)
- Approved for mounting in any manner – including dome up
- Optional dome guard for added protection
- Type 4X, IP66 enclosure
- IP69K compliant
- Marine Rated
- UL and cUL Listed for Class I, Division 1, Groups C and D; Class II, Division 1, Groups E, F and G; Class III

MODEL	VOLTAGE	OPERATING CURRENT	REVOLUTION/ MINUTE	LIGHT OUTPUT PEAK
<b>121X-024* -MOD<sup>1</sup></b>	24 Vdc	0.3 A	60	600 cd
<b>121X-120* -MOD<sup>1</sup></b>	120 Vac 60 Hz	0.075 A	60	1,000 cd

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

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

### HAZARDOUS LOCATION RATING: 121X

T-CODE AT MAXIMUM AMBIENT TEMPERATURE, °C

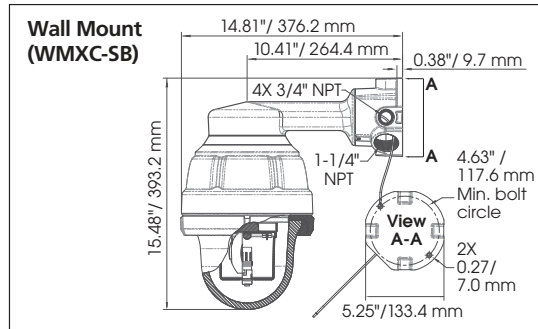
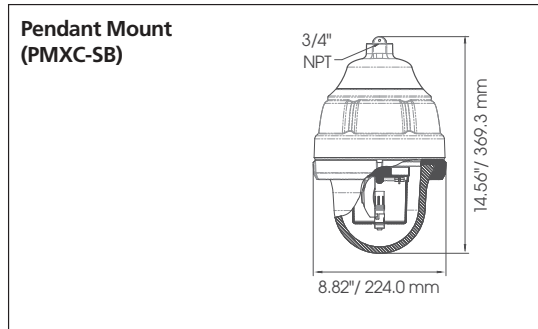
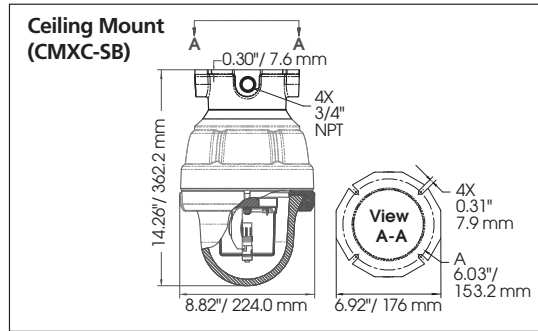
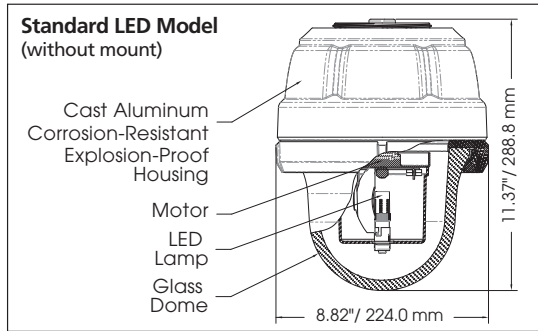
**Hazardous Location** **40°C**

Class I, Division 1, Groups C & D T6

Class II, Division 1, Groups E, F & G T5

Class III T5

# Explosion-Proof Rotating LED Warning Lights (121X)

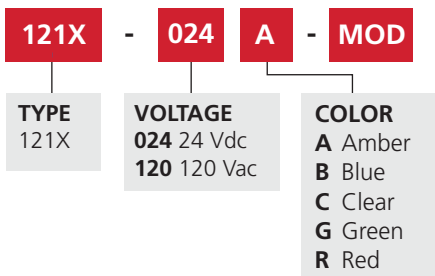


## SPECIFICATIONS

Lamp Life:	25,000 Hours
Light Source:	LED
Electrical Operating Temperature:	-67° to 150°F (-55° to 65°C)
Certified Operating Temperature:	-67° to 104°F (-55° to 40°C)
Net Weight:	
Signal without Mount:	13.9 lb (6.3 kg)
Ceiling Mount:	4.5 lb (2.0 kg)
Pendant Mount:	2.0 lb (0.9 kg)
Wall Mount:	5.9 lb (2.7 kg)
Shipping Weight:	
Signal without Mount:	14.7 lb (6.7 kg)
Ceiling Mount:	5.3 lb (2.4 kg)
Pendant Mount:	2.8 lb (1.3 kg)
Wall Mount:	6.7 lb (3.0 kg)

## HOW TO ORDER

Description	Part Number
<b>Specify Required Mount:**</b>	
Ceiling Mount	<b>CMXC-SB</b>
Pendant Mount	<b>PMXC-SB</b>
Wall Mount	<b>WMXC-SB</b>



## ACCESSORIES

Description	Part Number
Dome Guard	<b>DGXC-SB</b>

## REPLACEMENT PARTS

Description	Part Number
Exterior Glass Dome Assembly	<b>K8436147A</b>
LED Lamp, 24 Vdc	<b>K14702254A*</b>
LED Lamp, 120 Vac	<b>K14702196A*</b>
24 Vdc Mechanism and Amber Lens Kit	<b>K8444269A</b>
24 Vdc Mechanism and Blue Lens Kit	<b>K8444269A-01</b>
24 Vdc Mechanism and Clear Lens Kit	<b>K8444269A-02</b>
24 Vdc Mechanism and Green Lens Kit	<b>K8444269A-03</b>
24 Vdc Mechanism and Red Lens Kit	<b>K8444269A-04</b>
120 Vac Mechanism and Amber Lens Kit	<b>K8444277A</b>
120 Vac Mechanism and Blue Lens Kit	<b>K8444277A-01</b>
120 Vac Mechanism and Clear Lens Kit	<b>K8444277A-02</b>
120 Vac Mechanism and Green Lens Kit	<b>K8444277A-03</b>
120 Vac Mechanism and Red Lens Kit	<b>K8444277A-04</b>

\* Model 121X replacement LED lamp does not retrofit into the incandescent housing without impairing the light output. For incandescent replacement, we recommend upgrading to the 121X LED.

\*\* Mounting kit must be ordered with unit and is sold separately.