



Explosion-Proof Rotating Light

Model 121X

DESIGNED FOR USE IN EXPLOSION-PROOF ATMOSPHERES

- Available in 24VDC and 120VAC
- Five lens colors
- 3/4 - inch pendant mount standard; other options available
- Optional dome guard
- Type 4X, IP66 enclosure
- UL and cUL Listed, CSA Certified and Marine Rated

Federal Signal's Model 121X rotating light flashes 90 times per minute and produces a 360° visual signal. This explosion-proof light has an incandescent lamp and is available in five lens colors – amber, blue, clear, green and red.

The Model 121X is UL Listed for Class I, Division 1, Groups C & D; Class II, Division 1, Groups E, F & G; Class I, Division 2, Groups A, B; and Class III. The 121X is CSA Certified, Marine Rated and constructed to Type 4X, IP66 standards.

This corrosion-resistant unit's copper-free aluminum housing is finished with a powder epoxy. All exposed hardware is constructed of 316 grade stainless steel.

The 121X uses a synchronous motor to drive a parabolic reflector around an incandescent lamp. This results in a 360° rotating beam which is concentrated in a horizontal plane.

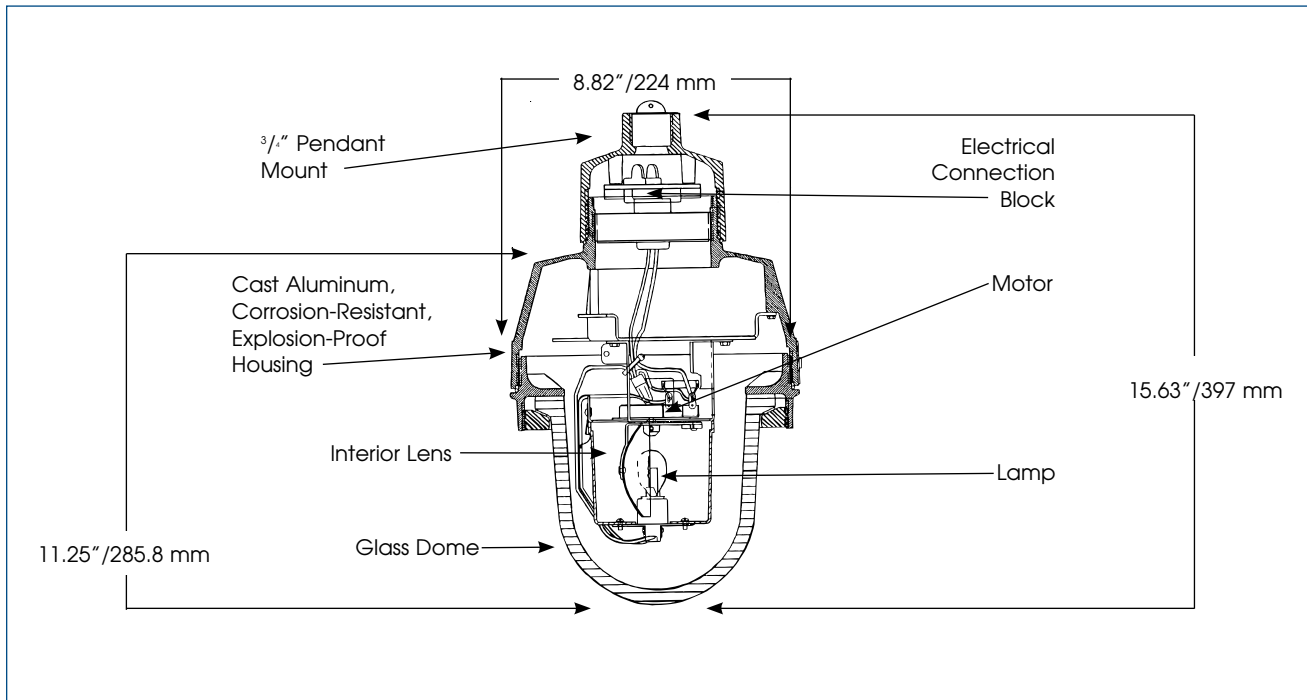
The 121X features a spring-clip mounted lens for quick access when inspecting or relamping. A pendant mount is supplied and a ceiling mount and 90° wall mount are available options. Installation is simple; with the mounting box in place, the fixture is threaded onto the mounting box, making the electrical connection. Electrical continuity is made when five threads are engaged.

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

| Model | Voltage | Operating Current | Flash Rate/Minute | Candela | Mount |
|-------|-------------|-------------------|-------------------|---------|--------------|
| 121X | 24VDC | 1.05 amps | 90 | 2,350 | 3/4" Pendant |
| 121X | 120VAC 60Hz | 0.33 amps | 90 | 1,800 | 3/4" Pendant |



EXPLOSION-PROOF ROTATING LIGHT (121X)



SPECIFICATIONS

| | | |
|----------------------------|----------------|---------------|
| Lamp Life*: | 800 Hours | 800 Hours |
| Lamp Style | Incandescent | Incandescent |
| Ambient Temperature Range: | -31°F to 104°F | -35°C to 40°C |
| Net Weight: | 14.75 lbs. | 6.69 kg |
| Shipping Weight: | 18.9 lbs. | 8.57 kg |
| Height: | 15.63" | 397.0 mm |
| Diameter: | 8.82" | 224.0 mm |

* Optimal hours under ideal conditions.

HOW TO ORDER

- Specify model, voltage and color
- Specify options:
Ceiling Mount Kit (CMXC)
Wall Mount (WMXC)
Dome Guard (DGXC)
- Please refer to Model Number Index 121X beginning on page 373

REPLACEMENT PARTS

| <i>Description</i> | <i>Part Number</i> | <i>Description</i> | <i>Part Number</i> |
|-------------------------------|---------------------------|---------------------------|---------------------------|
| Exterior Dome Assembly, Clear | K8444C271A-01 | 24VDC Mechanism, Amber | K8444269A |
| Interior Lens, Amber | K8444242A | 24VDC Mechanism, Blue | K8444269A-01 |
| Interior Lens, Blue | K8444242A-01 | 24VDC Mechanism, Clear | K8444269A-02 |
| Interior Lens, Clear | K8444242A-02 | 24VDC Mechanism, Green | K8444269A-03 |
| Interior Lens, Green | K8444242A-03 | 24VDC Mechanism, Red | K8444269A-04 |
| Interior Lens, Red | K8444242A-04 | 120VAC Mechanism, Amber | K8444277A |
| Lamp, 24VDC | K8107A041 | 120VAC Mechanism, Blue | K8444277A-01 |
| Lamp, 120VAC | K8444A173A | 120VAC Mechanism, Clear | K8444277A-02 |
| | | 120VAC Mechanism, Green | K8444277A-03 |
| | | 120VAC Mechanism, Red | K8444277A-04 |