Shown with optional wall mount & dome guard

4000X Series

Hazardous Location Non-Metallic Strobe Warning Light

Tomar Electronics model 4000X series is a Hazardous Location Strobe warning light engineered to perform in the harshest environments. Constructed of 30% glass-filled thermoset polyester it is particularly well-suited for installations in corrosive, wet NEMA 4X harsh environments, and hazardous locations. This high strength FRP material is resistant to the corrosive effects of most chemicals, hydrocarbons and solvents.

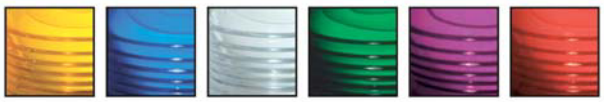
Typical applications include manufacturing plants, chemical and petrochemical processing facilities, sewage treatment plants, off-shore and dockside installations, agricultural, commercial, industrial, mining and marine facilities.

Totally non-metallic, these warning lights are fully potted in urethane material with no exposure to high voltage possible. NEMA 4X rated in any mounting configuration – base up, down or side positions.

Unique mounts allow for Pendant, Flange (Ceiling), or Wall mount installations. Buy just the mounting style you need. Optional dome guard is also available.

- Class I, Division 2 Groups A, B, C, & D
- Class I, Zone 2, Groups IIC, IIB, IIA
- Class II Division 2 Groups F & G; Class III
- CSA Enclosure Type 4X, IP66
- NEMA 4X, Marine Rated
- 10-year warranty on power supply
- 10,000 hour strobe tube
- Sealed construction
- 6 Lens Colors – Amber, Blue, Clear, Green, Purple, and Red

Lens Colors

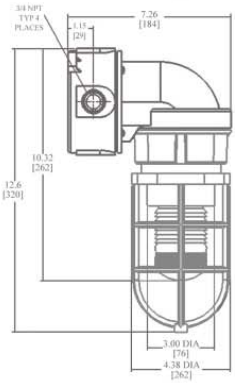


Amber Blue Clear Green Purple Red

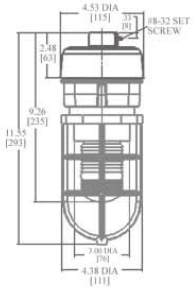
to the following standards:

- UL 1598 Standard for luminaires
- UL 1598A Marine luminaires
- UL 844 Standard for lighting fixtures forhazardous locations
- UL 1638 Standard for visual signaling applications
- CSA C22.2 no. 137-M1981 electric luminaires for use in hazardous locations
- Enclosed and gasketed, NEMA 3, 4X, IP66

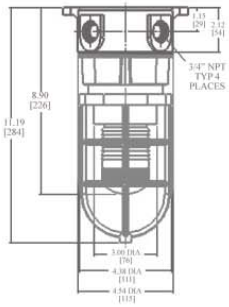
Dome Guard



NVW - wall mount



NVP - pendant mount



NVF - flange mount

Ordering Information

Please specify lens colors and model number when ordering. Available colors are Amber, Blue, Clear, Green, Purple and Red.

Model No.	Description	Voltage
4024X	Xenon Strobe - body only	12-80 VDC
4120X	Xenon Strobe - body only	120 VAC
4240X	Xenon Strobe - body only	240 VAC

Note: Mounts and Dome Guards sold separately.

Specifications

Item	Description
Light Output	50 effective candlepower (ECP)*
Lamp Type	5001 Xenon Strobe tube
Flash Rate	80 flashes per minute
Voltage and Amperage	400 mA @ 12 VDC / 200 mA @ 24 VDC 040 mA @ 120 VAC / 020 mA @ 240 VAC
Power Supply Output 2.7 Watts	1.9 joules per flash. 190,000 Peak Candlepower**
Temperature Range	–40° C to +65° C
Temperature Code	T2C

Available Mounts & Guard Options

Item	Description
NVP	Pendant mount
NVF	Flange / Ceiling mount
NVW	Wall mount
NVG	Dome guard

Architect and Engineer Specifications

Visual signaling beacon shall be Tomar Electronics model number 4024X, 4120X, or 4240X or approved equal. The beacon shall be cCSA/us Listed Class I, Division 2, Class I, Zone 2, Class II, Division 2, and Class III for use in specified hazardous locations and / or combustible atmospheres as classified by the National Electric Code. The warning beacon shall be of non-metallic glass-filled thermoset polyester construction. The light source shall be a plug in field replaceable single-flash xenon strobe tube. The signaling beacon must have built-in RFI filters to protect against radio interference and spike voltages. It shall be polarity protected, and have a power supply fully potted in polyurethane. Voltage ranges shall be 12-80 VDC, 120 VAC, or 240 VAC. The warning signal shall be NEMA 4X rated in any mounting configuration – base up, down, or side positions and have a screw-on Lexan® lens.

*ECP (Effective Candlepower) is the intensity that would appear to an observer if the light were burning steadily.

**Peak Candlepower is the maximum light intensity generated by a flashing light during its light pulse.