



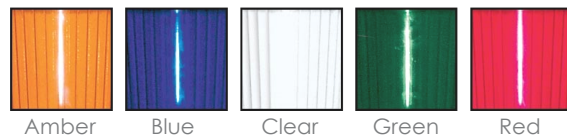
4375 STROBE

Hazardous Location Warning Light

- Class I, Div. 2 Groups A, B, C, & D
- Class II, Div 2 Groups F & G
- Class III
- 10,000 hour strobe lamp
- two year warranty on power supply
- one year warranty on lamp
- available in five lens colors
- UL listed
- CSA approved
- NEMA 4X

The model 4375 strobe light is UL listed for use in Class I, II & III, Division 2 hazardous locations. Division 2 locations are defined by the NFPA as described to right. The model 4375 strobe lights have a tempered glass lens and are suitable for use in outdoor locations. These units may be operated in any position and feature a 3/4" IPS pendant mount.

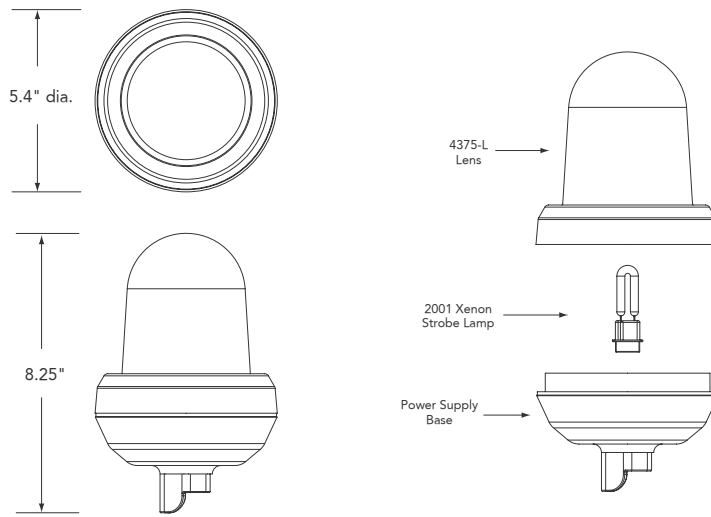
Lens Colors



Ordering Information

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

Model No.	Description	Voltage
4375-120	Hazardous location AC strobe	120 – 240VAC
4375-1274	Hazardous location DC strobe	12 – 74VDC



NFPA Definitions

Class I, Division 2.

A location (1) in which volatile flammable liquids or flammable gases are handled, processed or used, but in which the liquids, vapors or gases will normally be confined within closed containers or closed systems from which they can escape only in case of accidental rupture or breakdown of such containers or systems, or in case of abnormal operation of equipment; or (2) in which ignitable concentrations of gases or vapors are normally prevented by positive mechanical ventilation, and which might become hazardous through failure or abnormal operation of the ventilating equipment; or (3) that is adjacent to a Class I Division 1 location, and to which ignitable concentrations of gases or vapors might occasionally be communicated unless such communication is prevented by adequate positive-pressure ventilation from a source of clean air and effective safeguards against ventilation failure are provided.

[See Section 500-4(b) of NFPA 70, National Electrical Code.]

Class II, Division 2.

A location in which (1) combustible dust will not normally be in suspension in the air in quantities sufficient to produce explosive or ignitable mixtures and dust accumulations are normally insufficient to interfere with the normal operation of electrical equipment or other apparatus; or (2) dust may be in suspension in the air as a result of infrequent malfunctioning of handling or processing equipment and dust accumulations resulting therefrom may be ignitable by abnormal operation or failure of electrical equipment or other apparatus.

[See Section 500-5 (b) of NFPA 70, National Electrical Code.]

Specifications

Item	Description
Lamp Type	2001 Xenon strobe lamp
Lens Type	4375-L-Color (please specify lens color)
Voltage and Amperage	12-74VDC draws 1.2A @ 12VDC draws 0.33A @ 74VDC 120/240VAC draws 0.2A @ 120VAC (50/60Hz) draws 0.6A @ 240VAC (50/60Hz)
Temperature Code	Class I T2A 280° C Class II T6 85° C Do not install where the operating temperature exceeds the ignition temperature of the hazardous atmosphere.
Temperature Rating	-40° C to +55° C
Power Supply Output 15 Watts (single flash)	12 joules per flash
Flash Rate	80 flashes per minute ± 10%
Size and Weight	8.5" tall x 5.4" dia. x 3.2 lbs (215mm x 137mm x 1.45kg)

Architect and Engineer Specifications

Hazardous Location visual signaling beacon shall be Tomar model number series 4375 or approved equal. The beacon shall be UL Listed Class I, Division II, Groups A,B,C, and D; Class II, Division II, Groups F and G; and Class III for use in specified hazardous locations as classified by the National Electric Code. The light source shall be a plug-in field replaceable single-flash xenon strobe lamp. The warning signal must have built-in RFI filters to protect against radio interference and spike voltages. Voltage ranges shall be 12-74VDC and 120-240VAC. The warning light shall be rated NEMA 4X and have a tempered glass lens.