

4375 HAZARDOUS LOCATION STROBE

Class I, Div. 2 Groups A, B, C & D,
Class II, Div. 2 Groups F & G, Class III



4375-120
4375-1274
Strobe

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 shown below. These units have a tempered glass lens and are suitable for use in outdoor locations. They may be operated in any position and feature a 3/4" IPS pendant mount.

ORDERING INFORMATION

Please specify lens color and the model number desired. Colors available are AMBER, BLUE, CLEAR, or RED.

Model No.	Description	Voltage
4375-120	Hazardous Location Strobe	120 thru 240VAC
4375-1274	Hazardous Location Strobe	12 thru 74VDC

Ordering Example

Model No.
4375-1274-RED

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 NFP A 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 NFP A 70, National Electrical Code.]

SPECIFICATIONS

Lamp Type	Lens Type	
2001 Xenon Strobe Lamp	4375-L-COLOR (Specify)	
Voltage and Amperage		
12-74VDC	Draws 1.31 Amps @ 12.0 VDC	
	Draws 0.69 Amps @ 74.0 VDC	
120/240VAC	Draws 0.2 Amps @ 120 VAC	
(50/60 Hz)	Draws 0.6 Amps @ 240 VAC	
Temp 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 Range		
-40° C to +55° C		
Power Supply Output 15 Watts (Single flash)		
8 Joules per Flash		
Flash Rate		
75 Flashes per minute ±10 %		
Intensity		
CLEAR	80 Candela eff.	
AMBER	60 Candela eff.	
BLUE	40 Candela eff.	
RED	25 Candela eff.	
GREEN	30 Candela eff. (Available on special order)	
Size and Weight		
8.5" Tall	x 5.4" Dia.	3.2 lbs.
(215 mm)	(137 mm)	(1.45 kg)

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