FEDERAL SIGNAL



Models 225XST and 225XST-I

Electraray® Hazardous Location Strobe Lights

The model 225XST is a hazardous location light with a black e-coated base; the inner fresnel lens is available in six colors. The clear polycarbonate outer dome can be removed quickly for easy access to inspect the unit or change the lamp.

The 24 Vdc 225XST-I features a voltage in-rush limiting PCB design that provides greater compatibility with factory automation control systems and less electrical interference with in-rush sensitive devices.

Model 225XST is ideal for wet, corrosive atmospheres like those found in food processing industries or anywhere a visual signal is needed.

LENS COLOR OPTIONS

FEATURES

- 12-24 Vdc, 24 Vdc, 120 Vac, and 230-240 Vac
- Six lens colors: Amber, Blue, Clear, Green, Magenta, and Red
- 10,000-hour, high-intensity strobe tube
- 1/2-inch NPT pipe mount
- Indoor/outdoor use
- Type 4X, IP66 enclosure (Dome-up orientation)
- IP69K compliant
- CSA Certified
- UL and cUL Listed for Class I, Division 2, Groups A, B, C and D; Class II, Division 2, Groups F and G; Class III
- NSF Certified

MODEL	VOLTAGE	OPERATING CURRENT	FLASH RATE/ MINUTE	LIGHT OUTPUT PEAK[1]	ECP[2]	MOUNT
225XST-012-024*	12-24 Vdc	1.70-0.70 A	80	580,000 cd	240 cd	1/2-inch NPT Pipe
225XST-I-024*	24 Vdc	0.70 A (2.0 A In-rush)	80	580,000 cd	240 cd	1/2-inch NPT Pipe
225XST-120*	120 Vac	0.25 A	80	580,000 cd	240 cd	1/2-inch NPT Pipe
225XST-240*	230-240 Vac	0.20 A	80	580,000 cd	240 cd	1/2-inch NPT Pipe

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

[1] Peak candela is the maximum light intensity generated by a flashing light during its light pulse

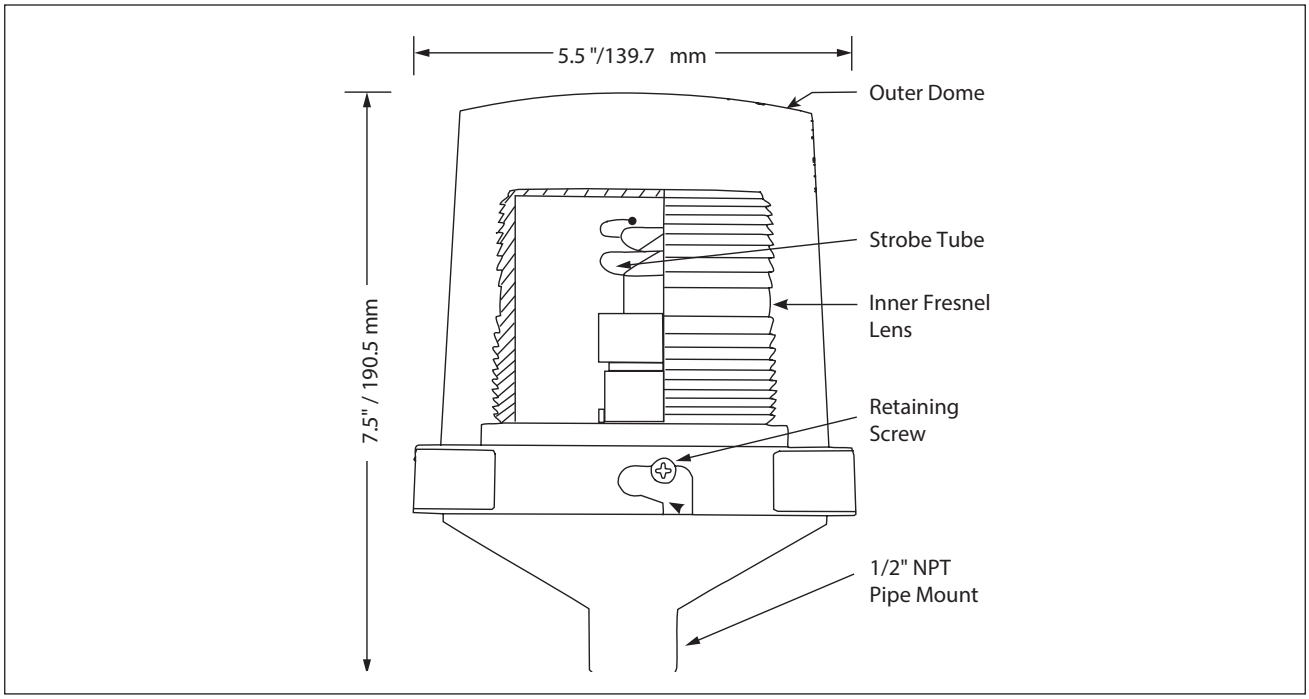
[2] ECP (Effective Candela) is the intensity that would appear to an observer if the light were burning steadily

HAZARDOUS LOCATION RATING: 225XST and 225XST-I

T-CODE AT MAXIMUM AMBIENT TEMPERATURE, 40°C

Hazardous Location	UL	CSA
Class I, Division 2, Groups A, B, C, D	T2A	T3A
Class II, Division 2, Groups F, G	T5	T6
Class III	T5	T6

Electraray® Hazardous Location Strobe Lights (225XSTand 225XST-I)



SPECIFICATIONS

Lamp Life:	10,000 Hours
Light Source:	Strobe tube
Operating Temperature:	-40° to 104°F (-40° to 40°C)
Net Weight:	1.5 lb (0.68 kg)
Shipping Weight:	2.0 lb (0.91 kg)
Height:	7.5 in (190.5 mm)
Diameter:	5.5 in (139.7 mm)

ACCESSORIES

Description	Part Number
Hazardous Location Mounting Bracket	**LHWB**

HOW TO ORDER

225XST – 120 A

TYPE
225XST

VOLTAGE
012-024 (12-24 Vdc)
120 (120 Vac)
240 (230-240 Vac)

COLOR
A Amber
B Blue
C Clear
G Green
M Magenta
R Red

225XST-I – 024 A

TYPE
225XST-I

VOLTAGE
024 (24 Vdc)

REPLACEMENT PARTS

Description	Part Number
Interior Lens, Amber	**K8550C095A-02**
Interior Lens, Blue	**K8550C095A-01**
Interior Lens, Clear	**K8550C095A**
Interior Lens, Green	**K8550C095A-04**
Interior Lens, Magenta	**K8550C095A-07**
Interior Lens, Red	**K8550C095A-03**
Exterior Dome, Clear*	**K8444D219C-04**
PCB Assembly, 12-24 Vdc or 24 Vdc	**K2001202C-01**
PCB Assembly, 120 Vac	**K2001905A**
PCB Assembly, 240 Vac	**K2001905A-01**
Strobe Tube	**K8107177A**

* Includes 1 dome gasket