



Model 151XST

Hazardous Location Strobe Light



Model 151XST hazardous location strobe light provides 80 high-intensity flashes per minute. This hazardous location warning light has an aluminum base, coated for corrosion resistance, that can be ordered for mounting on a 3/4-inch NPT pipe or a surface. The dome guard (included) fits over the glass lens to protect it against accidental collision with moving equipment, such as forklifts.

Federal Signal's rugged 151XST strobe light is specifically designed for hazardous locations or corrosive environments where a very bright visual signal is required. This warning light can be used for plant evacuation or other communication needs.

FEATURES

- Available in 12-24VDC, 120VAC and 230-240VAC
- Five lens colors: Amber, Blue, Clear, Green and Red
- 10,000-hour high-intensity strobe
- Available in 3/4-inch NPT pipe mount or surface mount
- · Dome guard included
- Indoor/outdoor use

- Conformal coated PCBA
- Type 4X, IP66 enclosure
- IP69K compliant
- Marine rated
- UL and cUL Listed for Class I, Division 2, Groups A, B, C and D; Class II, Division 1, Groups E, F, and G; Class III

| MODEL | V O LTA G E | O P E R A T I N G C U R R E N T | FLASH RATE/ MINUTE | LIGHT OUTPU PEAK¹ | T E C P ² |
|------------------------------------|--------------------|------------------------------------|-----------------------|----------------------|----------------------|
| 151XST- <u>*</u> 012-024 <u>**</u> | 12-24VDC | 1.3-0.60 amps | 80 | 520,000 cd | 165 cd |
| 151XST- <u>*</u> 120 <u>**</u> | 120VAC 50/60Hz | 0.35 amps | 80 | 520,000 cd | 165 cd |
| 151XST- <u>*</u> 240 <u>**</u> | 230-240VAC 50/60Hz | 0.18 amps | 80 | 520,000 cd | 165 cd |

^{*} Include (S) for Surface Mount Option (Example part number: 151XST-S120R for surface mount option, 151XST-120R for pipe mount)

HAZARDOUS LOCATION RATING: 151XST

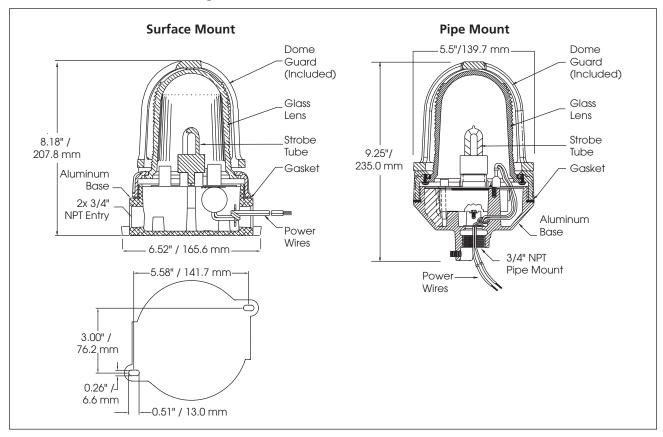
| T-CODE AT MAXIMUM AMBIENT TEMPERATURE, °C | | | | |
|-------------------------------------------|------|------|--|--|
| Hazardous Location | 40°C | 66°C | | |
| Class I, Division 2, Groups A, B, C, D | T2 | T1 | | |
| Class II, Division 1, Groups E, F, G | T5 | T5 | | |
| Class III | T5 | T5 | | |

^{**} Indicates color: (A) Amber, (B) Blue, (C) Clear, (G) Green or (R) Red

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

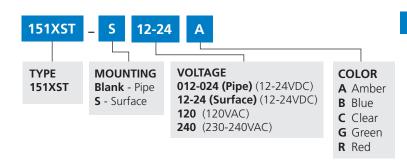
² ECP (Effective Candela) is the intensity that would appear to an observer if the light were burning steadily

Hazardous Location Strobe Light (151XST)



SPECIFICATIONS

| Lamp Life: | | 10,000 Hours |
|--------------------------------------|--------------------|----------------------|
| Light Source: | | Strobe tube |
| Operating Temperature: | -67°F to 150°F | -55°C to 66°C |
| Net Weight: Shipping Weight: | 3.8 lbs 4.5 lbs | 1.7 kg 2.0 kg |
| Pipe Mount Height: Diameter: | 9.25" 5.5" | 235.0 mm 139.7 mm |
| Surface Mount Height: Diameter | 8.18" 6.52" | 207.8 mm 165.6 mm |
| | | |



REPLACEMENT PARTS

| Series C Dome and Ring Assembly | | | | | | | |
|---------------------------------|--|--|--|--|--|--|--|
| K8449078C-01 | | | | | | | |
| K8449078C-06 | | | | | | | |
| K8449078C-04 | | | | | | | |
| K8449078C-07 | | | | | | | |
| K8449078C | | | | | | | |
| K2001173C | | | | | | | |
| K2001071B | | | | | | | |
| K2001071B-01 | | | | | | | |
| K149122B | | | | | | | |
| K8449090C | | | | | | | |
| | | | | | | | |

¹ Includes dome gasket

Description

OPTIONAL ACCESSORIES

DescriptionPart NumberHazardous Location Mounting BracketLHWB

Mounting Brackets shown on pages 138-139

Part Number