FEDERAL SIGNAL

Models 154XST

# Hazardous Location Supervised Strobe Lights



Federal Signal's Model 154XST hazardous location strobe light is available in 12-24 Vdc with a four-wire supervisable power circuit for fire alarm* and suppression supervised control panels.

This hazardous location warning light has an aluminum base, coated for corrosion resistance that is ready for surface mounting or mounting on a 3/4-inch pipe. The dome guard (included) fits over the glass dome to protect it against accidental collision with moving equipment, such as forklifts.

This warning light can be used for plant evacuation or other communication needs.

* Fire alarm applications are outside the scope of the UL and cUL certification; consult local Authorities Having Jurisdiction (AHJ)

LENS COLOR OPTIONS

SUPERVISED

## FEATURES

- Available in 12-24 Vdc
- (4) wires and supervisory diode
- (6) dome colors: Amber, Blue, Clear, Green, Magenta, and Red
- 10,000-hour high-intensity strobe
- (80) flashes per minute
- 520,000 peak candela (170 effective)
- 3/4-inch NPT pipe mount or surface mount options
- Dome guard included
- Conformal coated PCBA
- Indoor/outdoor use
- Type 4X, IP66 enclosure
- IP69K compliant
- Marine Rated
- CSFM Approved
- 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
- Class I, Zone 2, Group IIC

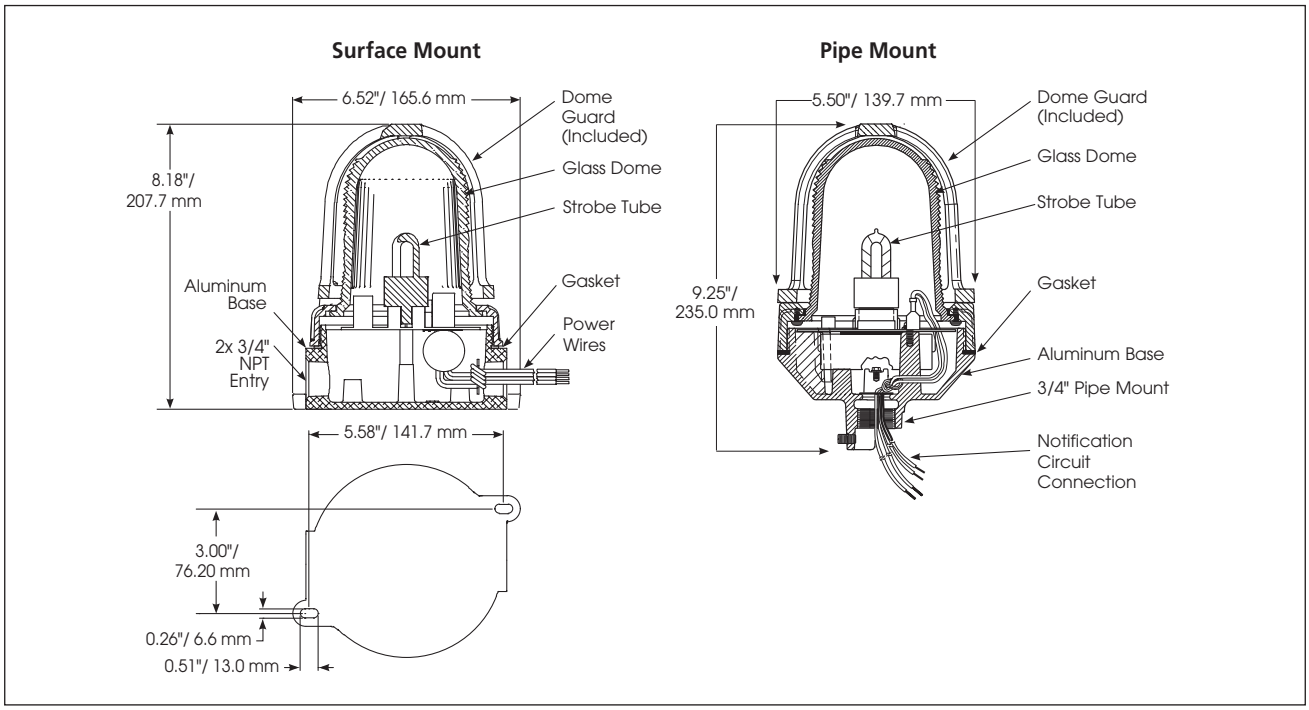
| MODEL | VOLTAGE | OPERATING CURRENT | FLASH RATE/ MINUTE | LIGHT OUTPUT PEAK[1] | ECP[2] | MOUNT |
|---|---|---|---|---|---|---|
| **154XST-*012-024**** | 12-24 Vdc | 1.3 - 0.6 A | 80 | 520,000 | 170 cd | 3/4-inch NPT pipe or surface |

* Include (S) for Surface Mount Option (Example part number: 154XST-S012-024R for surface mount option,154XST-012-024R for pipe mount)
** 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 steady. Figure is measured in ECP.

**HAZARDOUS LOCATION RATING: 154XST**

| T-CODE AT MAXIMUM AMBIENT TEMPERATURE, °C | | |
|---|---|---|
| **Hazardous Location** | **40°C** | **65°C** |
| Class I, Division 2, Groups A, B, C, D, Class I, Zone 2, Group IIC | T2 | T1 |
| Class II, Division 1, Groups E, F, G | T5 | T5 |

# Hazardous Location Supervised Strobe Lights (154XST)




## SPECIFICATIONS

| | |
|---|---|
| Lamp Life: | 10,000 Hours |
| Light Source: | Strobe |
| Operating Temperature: | -67° to 150°F ( -55° to 66°C) |
| Net Weight: | 3.8 lb (1.7 kg) |
| Shipping Weight: | 4.5 lb (2.0 kg) |
| Height: | 9.25 in (235.0 mm) |
| Diameter: | 5.50 in (139.7 mm) |

## REPLACEMENT PARTS

| Description | Part Number |
|---|---|
| Dome & Ring Assembly, Amber[3] | **K8449078C-01** |
| Dome & Ring Assembly, Blue[3] | **K8449078C-06** |
| Dome & Ring Assembly, Clear[3] | **K8449078C-04** |
| Dome & Ring Assembly, Green[3] | **K8449078C-07** |
| Dome & Ring Assembly, Magenta[3] | **K8449078C-05** |
| Dome & Ring Assembly, Red[3] | **K8449078C** |
| PCB Assembly, 12-24 Vdc | **K2001173C** |
| Strobe Tube | **K149122B** |
| Dome Guard | **K8449090C** |

[3] Includes dome gasket

## HOW TO ORDER

**154XST** – **S** **12-24** **A**

**TYPE**
154XST

**MOUNTING**
**Blank** - Pipe
**S** - Surface

**VOLTAGE**
**012-024** (24 Vdc) (Pipe Mount)
**12-24** (24Vdc) (Surface Mount)

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