Fireball® 2 Explosion-Proof Strobe Warning Light

Model FB2PSTX and FB2PSTX-I

Federal Signal's FB2PSTX explosion-proof strobe light is a compact unit that produces a "lightning bolt" flash of light. Measuring 13.69" (348mm) high and 7.44" (189mm) in diameter, the FB2PSTX is available in 12-24VDC, 24VDC and 120VAC. These strobe lights are well suited for a wide range of explosion-proof warning light applications.

All models are UL and cUL Listed for indoor/outdoor and marine use. This model is UL Listed for Class I, Division 1, Groups C and D; Class I, Division 2, Groups A, B, C and D; Class II, Division 1, Groups E, F and G; Class II, Division 2, Groups F and G; and Class III.

Model FB2PSTX has a self-contained power supply. The copper-free aluminum finned base dissipates heat and ensures long life. The outer dome is made of tempered glass. Polycarbonate inner lenses are available in Amber, Blue, Clear, Green and Red. A rugged ceiling mount fixture is standard; optional wall mounts and dome guards are also available.

The FB2PST-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.

The Model FB2PSTX is suited for any application where a superior visual signal is needed and is especially effective for warning of industrial hazards, process control, status indication or in areas with high ambient noise levels.

DESIGNED FOR USE IN EXPLOSION-PROOF ATMOSPHERES

- Available in 12-24VDC and 120VAC
- Five lens colors
- 10,000 hour strobe tube
- Ceiling mount standard; other options available
- Marine Listed
- Type 4X, IP66 enclosure
- UL and cUL Listed

Model	Voltage	Operating Current	Flash Rate/Minute	Candela Peak[1]	ECP[2]
FB2PSTX-012-024_*_	12-24VDC	1.70-0.70 amps	80	800,000	320
FB2PSTX-I-024_*_	24VDC	0.70 amps (2.0 amp In-rush)	80	800,000	320
FB2PSTX-120_*_	120VAC 50/60HZ	0.25 amps	80	800,000	320

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

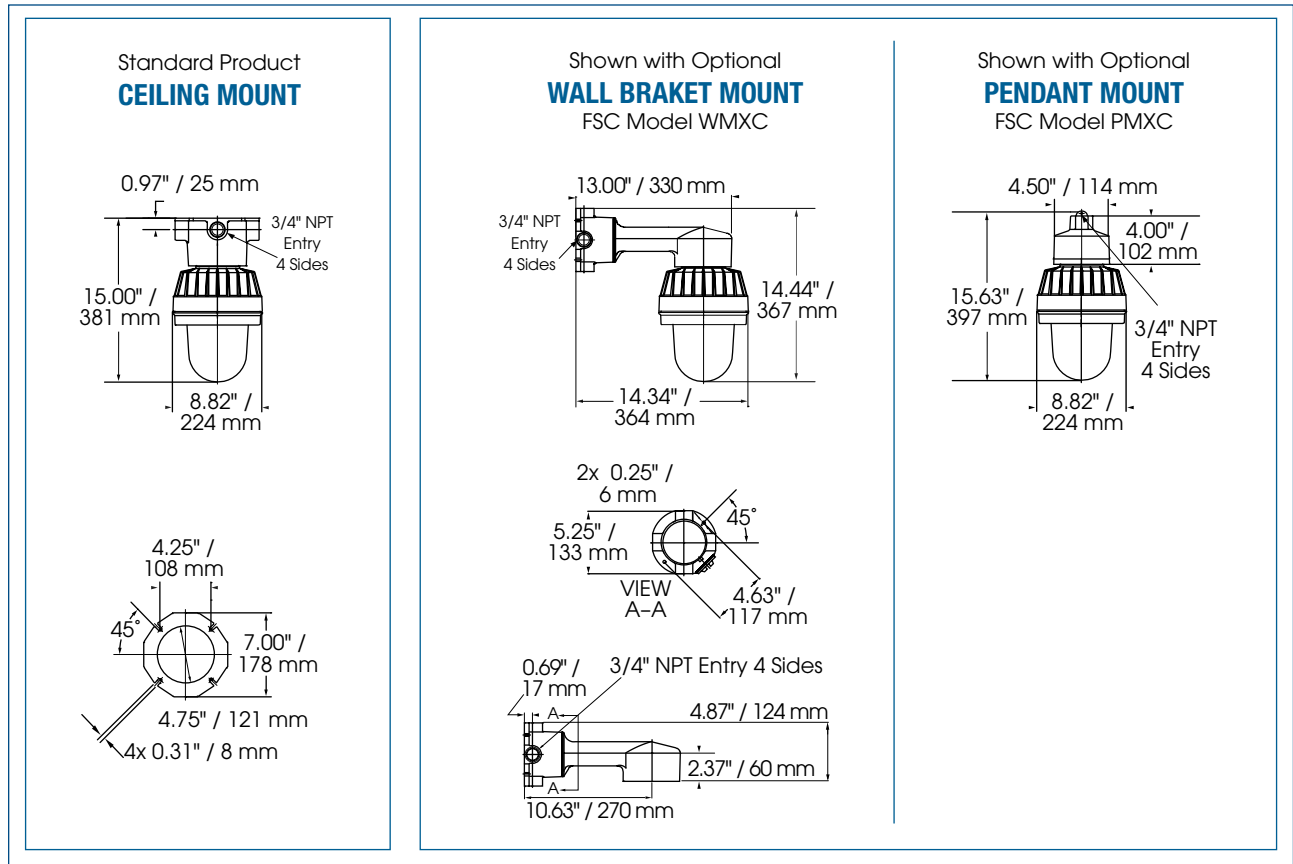[1] Peak candela is the maximum light intensity generated by a flashing light during its light pulse

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

Hazardous Location Rating:

	T-Code at Maximum Ambient Temperature, °C	
Hazardous Location	**40°C**	**65°C**
Class I, Div 1 & 2, Groups C & D	T6/85°	T6/85°
Class I, Div 2, Groups A & B	T4A/120°	T3C/160°
Class II, Div 1 & 2, Groups E, F & G	T4/135°	T4/135°
Class III	T4/135°	T4/135°

5 yr FEDERAL SIGNAL WARRANTY

EXPLOSION-PROOF STROBE LIGHT (FB2PSTX/FB2PSTX-I)

Standard Product
CEILING MOUNT

0.97" / 25 mm

3/4" NPT Entry 4 Sides

15.00" / 381 mm

8.82" / 224 mm

4.25" / 108 mm

45°

7.00" / 178 mm

4.75" / 121 mm

4x 0.31" / 8 mm

Shown with Optional
WALL BRAKET MOUNT
FSC Model WMXC

13.00" / 330 mm

3/4" NPT Entry 4 Sides

14.44" / 367 mm

14.34" / 364 mm

2x 0.25" / 6 mm

5.25" / 133 mm

45°

VIEW A–A

4.63" / 117 mm

0.69" / 17 mm   3/4" NPT Entry 4 Sides

4.87" / 124 mm

2.37" / 60 mm

10.63" / 270 mm

Shown with Optional
PENDANT MOUNT
FSC Model PMXC

4.50" / 114 mm

4.00" / 102 mm

15.63" / 397 mm

3/4" NPT Entry 4 Sides

8.82" / 224 mm

SPECIFICATIONS

Lamp Life:	10,000 Hours	10,000 Hours
Light Source:	Strobe tube	Strobe tube
Operating Temperature:	-13°F to 149°F	-25°C to 65°C
Net Weight:	9.6 lbs.	4.35 kg
Shipping Weight:	13.1 lbs.	5.94 kg
Height:	13.69"	348.0 mm
Diameter:	7.44"	189.0 mm

HOW TO ORDER

- Specify model, voltage and color
- Optional Accessories:
  Wall Mount (WMXC)
  Pendant Mount (PMXC)
  Dome Guard (DGFBX)
- Please refer to Model Number Index FB2PSTX beginning on page 373

REPLACEMENT PARTS

Description	_Part Number_
Inner Lens, Amber	K8550292A-02
Inner Lens, Blue	K8550292A-01
Inner Lens, Clear	K8550292A
Inner Lens, Green	K8550292A-04
Inner Lens, Red	K8550292A-03
Outer Dome Assembly	K8550272A-01
PC Assembly, 12-24VDC	K2001202C
PC Assembly, 120VAC	K200D866G
Strobe Tube	K8107177A