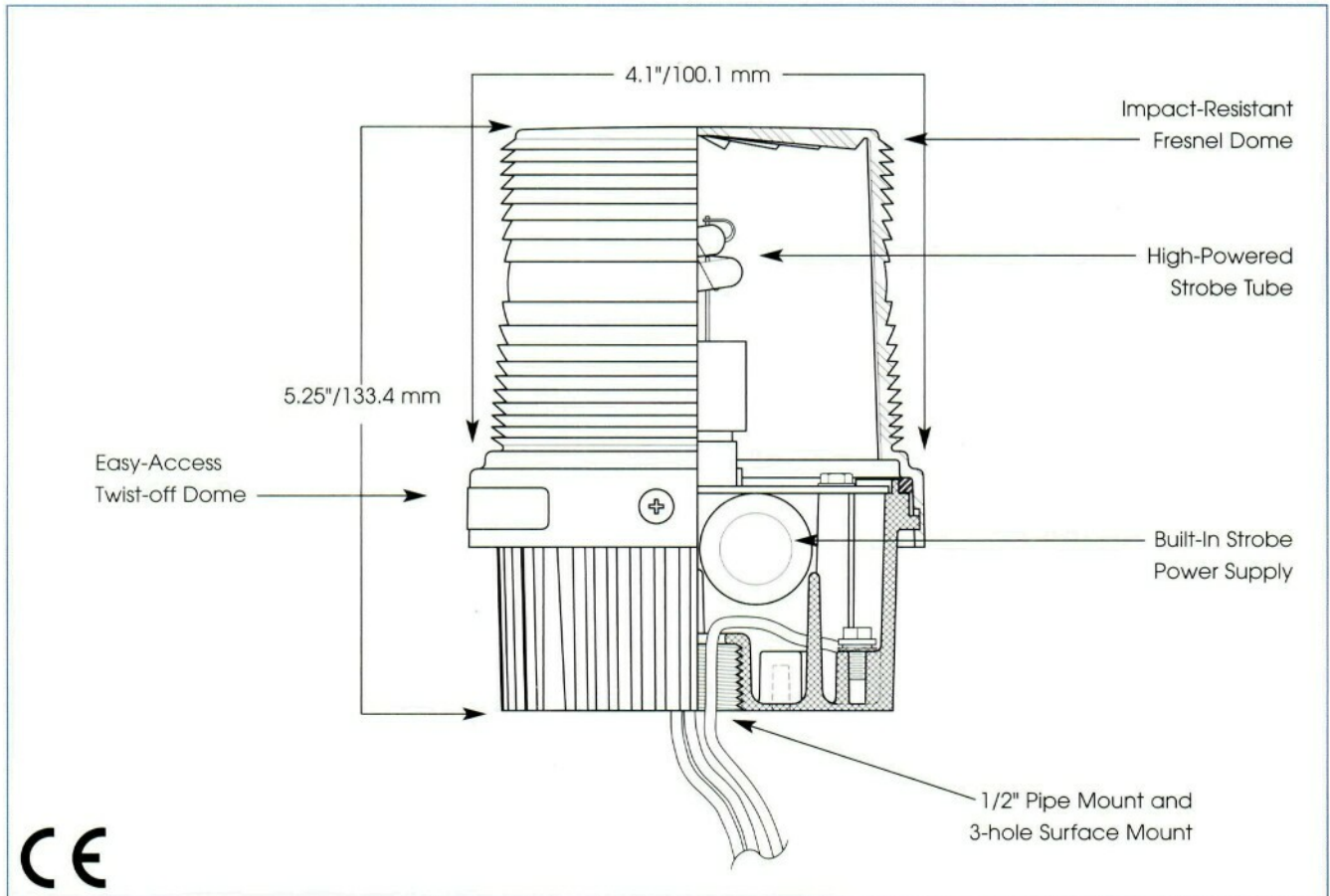


FIREBALL® STROBE WARNING LIGHT (FB2PST)



SPECIFICATIONS

Lamp Life*:	10,000 Hours	10,000 Hours
Operating Temperature:	-31° F to 150°F	-35°C to 66°C
Lamp Style:	Strobe	Strobe
Net Weight:	1.45 lbs.	0.7 kg
Shipping Weight:	1.7 lbs.	0.8 kg
Height:	5.25"	133.4
Diameter:	3.94"	100.1

* Optimal hours under ideal conditions.

RATINGS

- UL Listed 1638 and CSA Approved
- CE Approved
- NEMA Type 4X, IP66

HOW TO ORDER

- Specify model, voltage and color
- Specify options:
Corner Bracket (LCMB2)*
Wall Bracket (LWMB2)*

* Brackets not NEMA 4X rated.

REPLACEMENT PARTS

<u>Description</u>	<u>Part Number</u>	<u>Description</u>	<u>Part Number</u>
Dome, Amber	K8550320A	PC Assembly, 12-24VDC	K2001202B
Dome, Blue	K8550320A-01	PC Assembly, 120VAC	K200D866G
Dome, Clear	K8550320A-02	PC Assembly, 240VAC	K200D866G-01
Dome, Green	K8550320A-03	Strobe Tube, Series A2	K8107A129B
Dome, Red	K8550320A-04	Strobe Tube, Series A, A3	K8107146B
Dome, Magenta	K8550320A-05	Strobe Tube, Series A4, A5, B	K8107177A

Fireball® 2

Strobe Warning Light

Model FB2PST



LIGHT DUTY STROBE LIGHT

- Available as a 12-24VDC, 120VAC and 240VAC
- Six dome colors
- 10,000 hour strobe tube
- Integrated 1/2" pipe and surface mount
- UL Listed, CSA Approved for indoor/outdoor use
- NEMA 4X, IP66 enclosure
- CE Approved

Federal Signal's brightest and most compact strobe light, the Fireball® 2 emits a powerful "lightning bolt" flash of light. Approximately five inches tall and four inches in diameter and rated at 300 effective candlepower, the Fireball 2 is an economical solution to a wide variety of stationary and vehicular warning requirements. The Fireball is available in 12-24VDC, 120VAC and 240VAC. All models are UL Listed (Underwriters Laboratories), CSA Approved (Canadian Standards Association) and European CE Approved for indoor and outdoor use. The FB2PST is available in six colors – amber, blue, clear, green, magenta, and red.

The Fireball 2 features a unique dome that twists off easily for quick dome and lamp replacements. The newly redesigned base features an integrated 1/2-inch pipe mount base as well as the three holes required for surface mount configurations. Black epoxy paint is electrostatically applied to the base for superior corrosion resistance. The Fireball dome and base design provides a watertight, dust-tight and corrosion resistant NEMA 4X rating.

The FB2PST is designed for stationary pipe and surface mount applications. The FB2MST (not shown here) includes a magnetic mounting kit and a cigarette lighter power cord and is ideal for use on in-plant fleets and forklifts.

The Fireball 2 can be used in any application where a superior visual signal is needed. It is especially effective in the warning of industrial hazards, process control, status indication and in areas with high ambient noise levels.

Federal Signal's Fireball 2 Strobe is a very low-maintenance warning light for industrial applications where a vibration-resistant light is required to signal an emergency or process status.

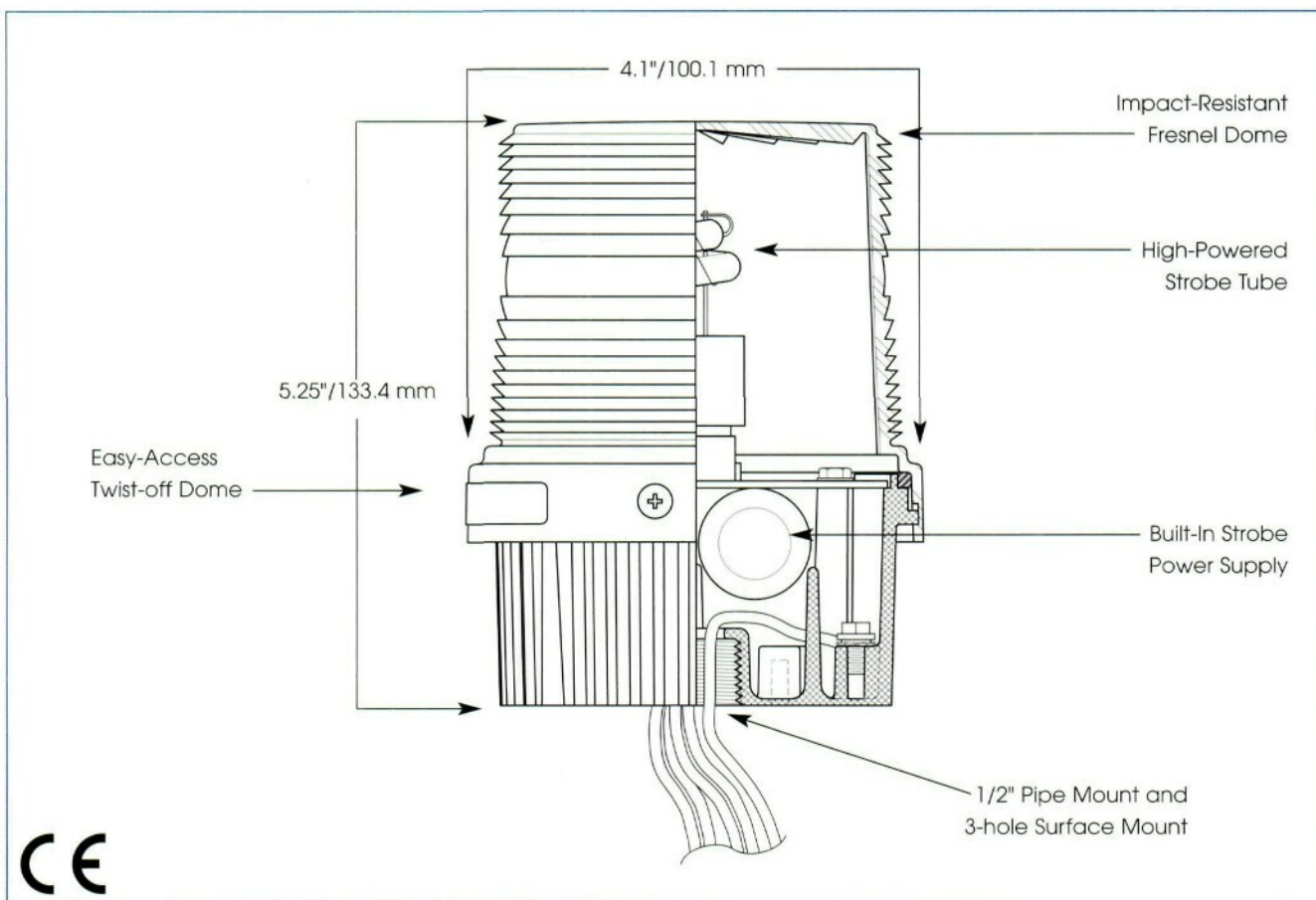
Model	Voltage	Operating Current	Flash Rate/ Minute	Candlepower Peak ¹	ECP ²	Mount
FB2MST	012-024 VDC	1.70-0.70 amps	80	1,000,000	300	Magnetic
FB2PST	012-024 VDC	1.70-0.70 amps	80	1,000,000	300	1/2" Pipe/Surface
FB2PST	120VAC 50/60Hz	0.32 amps	90	1,000,000	300	1/2" Pipe/Surface
FB2PST	240VAC 50/60Hz	0.16 amps	90	1,000,000	300	1/2" Pipe/Surface

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

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



FIREBALL® STROBE WARNING LIGHT (FB24PST)



SPECIFICATIONS

Lamp Life*:	10,000 Hours	10,000 Hours
Operating Temperature:	-31° F to 150°F	-35°C to 66°C
Lamp Style:	Strobe	Strobe
Net Weight:	1.45 lbs.	0.7 kg
Shipping Weight:	1.7 lbs.	0.8 kg
Height:	5.25"	133.4
Diameter:	3.94"	100.1

* Optimal hours under ideal conditions.

RATINGS

- UL Listed 1638 and CSA Approved
- CE Approved
- NEMA Type 4X/IP66

HOW TO ORDER

- Specify model, voltage and color
- Specify options:
Corner Bracket (LCMB2)*
Wall Bracket (LWMB2)*

* Brackets not NEMA 4X rated.

REPLACEMENT PARTS

<u>Description</u>	<u>Part Number</u>	<u>Description</u>	<u>Part Number</u>
Dome, Amber	K8550320A	PC Assembly, 12-24VDC	K2001202B
Dome, Blue	K8550320A-01	PC Assembly, 120VAC	K200D866G
Dome, Clear	K8550320A-02	PC Assembly, 240VAC	K200D866G-01
Dome, Green	K8550320A-03	Strobe Tube, Series A2	K8107A129B
Dome, Red	K8550320A-04	Strobe Tube, Series A, A3	K8107146B
Dome, Magenta	K8550320A-05	Strobe Tube, Series A4, A5, B	K8107177A



Fireball® 2 Supervised Strobe Warning Light

Model FB24PST

LIGHT DUTY STROBE LIGHT

- Available as a 12-24VDC, 120VAC and 240VAC
- Four wires and supervisory diode
- Six dome colors
- 10,000 hour strobe tube
- Integrated 1/2" pipe and surface mount
- UL Listed, CSA Approved for indoor/outdoor use
- NEMA 4X, IP66 enclosure
- CE Approved

Federal Signal's brightest and most compact strobe light, the Fireball® 2 Supervised Warning Light emits a powerful "lightning bolt" flash of light. Approximately five inches tall and four inches in diameter and rated at 300 effective candlepower, the FB24PST is an economical solution to a wide variety of stationary requirements. The Fireball is available in 12-24VDC, 120VAC and 240VAC. All models are UL Listed (Underwriters Laboratories), CSA Approved (Canadian Standards Association) and European CE Approved for indoor and outdoor use.

The FB24PST features a unique dome that twists off easily for quick dome and lamp replacements. The newly redesigned base features an integrated 1/2-inch pipe mount boss as well as the three holes required for surface mount configurations. Black epoxy paint is electrostatically applied to the base for superior corrosion resistance. The Fireball dome and base design provides a watertight, dust-tight and corrosion resistant NEMA 4X rating.

The FB24PST contains a supervisory diode and four wire leads, for use in fire alarm applications.

The FB24PST can be used in any application where a superior visual signal is needed. It is especially effective in the warning of industrial hazards, process control, status indication and in areas with high ambient noise levels.

Federal Signal's Fireball 2 Supervised Strobe is a very low-maintenance warning light for industrial applications where a vibration-resistant light is required to signal an emergency or process status.

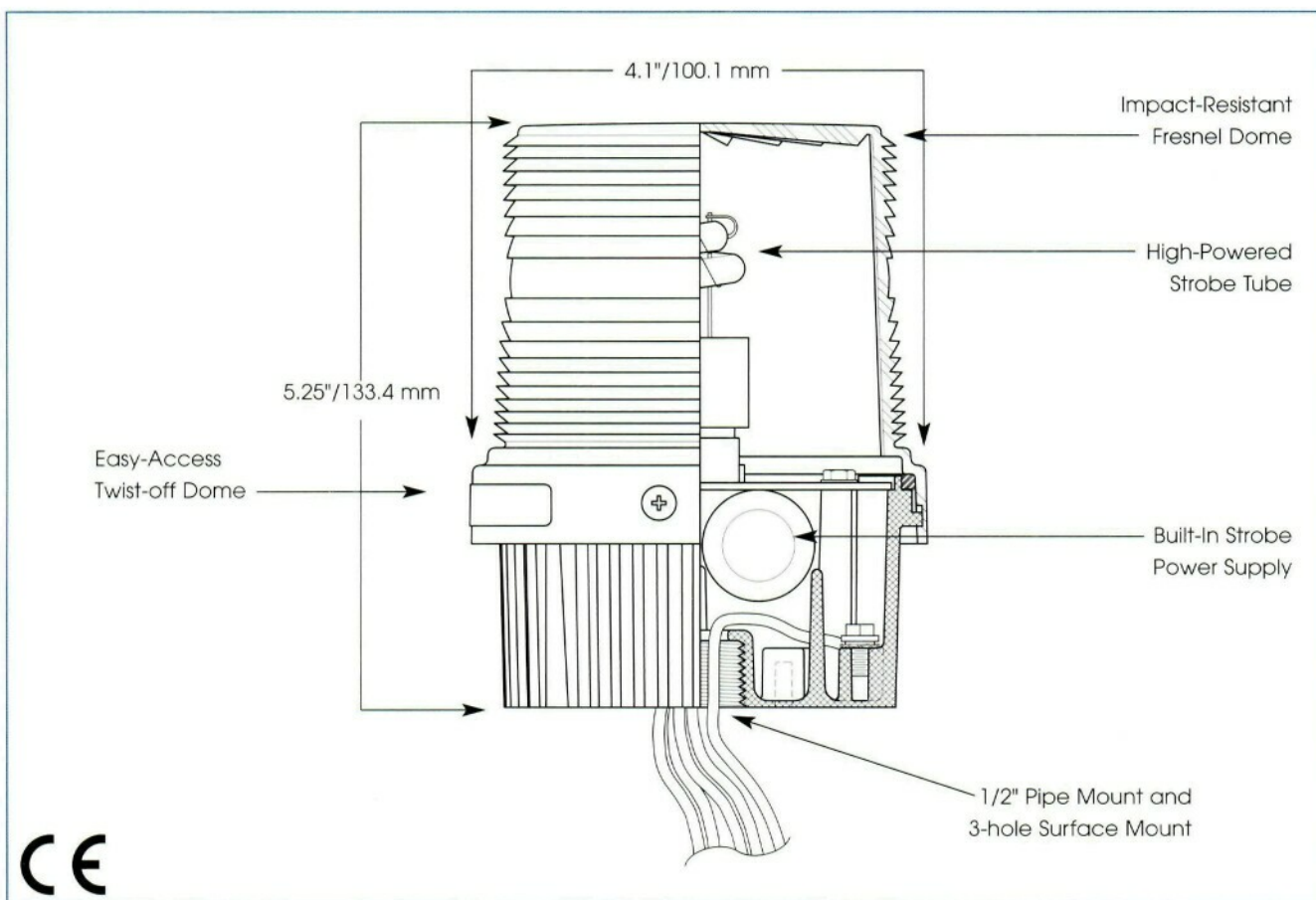
Model	Voltage	Operating Current	Flash Rate/ Minute	Candlepower Peak ¹	ECP ²	Mount
FB24PST	012-024 VDC	1.70-0.70 amps	80	1,000,000	300	1/2" Pipe/Surface
FB24PST	120VAC 50/60Hz	0.32 amps	90	1,000,000	300	1/2" Pipe/Surface
FB24PST	240VAC 50/60Hz	0.16 amps	90	1,000,000	300	1/2" Pipe/Surface

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

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



FIREBALL® STROBE WARNING LIGHT (FB24PST-HI)



CE

SPECIFICATIONS

Lamp Life*:	10,000 Hours	10,000 Hours
Operating Temperature:	-31° F to 150°F	-35°C to 66°C
Lamp Style:	Strobe	Strobe
Net Weight:	1.45 lbs.	0.7 kg
Shipping Weight:	1.7 lbs.	0.8 kg
Height:	5.25"	133.4
Diameter:	3.94"	100.1

* Optimal hours under ideal conditions.

RATINGS

- UL Listed 1971 and CSA Approved
- CE Approved
- NEMA Type 4X/IP66

HOW TO ORDER

- Specify model, voltage and color
- Specify options:
Corner Bracket (LCMB2)*
Wall Bracket (LWMB2)*

* Brackets not NEMA 4X rated.

REPLACEMENT PARTS

<u>Description</u>	<u>Part Number</u>	<u>Description</u>	<u>Part Number</u>
PC Assembly, 12-24VDC	K2001202B	Strobe Tube, Series A4, A5, B	K8107177A
PC Assembly, 120VAC	K200D866G	Dome, Clear	K8550320A-02
PC Assembly, 240VAC	K200D866G-01		



Fireball® 24-HI Supervised ADA Hearing Impaired Strobe Warning Light

Model FB24PST-HI

LIGHT DUTY STROBE LIGHT

- Available in 12-24VDC, 120VAC and 240VAC
- Four wires and supervisory diode
- Clear dome
- 10,000 hour strobe tube
- Integrated 1/2" pipe mount and surface mount
- UL Listed, CSA Approved for indoor/outdoor use
- UL1971 Listed
- NEMA 4X, IP66 enclosure
- CE Approved

Federal Signal's brightest and most compact strobe light, this Supervised FireBall® emits a powerful "lightning bolt" flash of light. Approximately five inches tall and four inches in diameter and rated at 300 effective candlepower, the FB24PST-HI is economical and effective. The Fireball is available in 12-24VDC, 120VAC and 240VAC, this model is UL Listed (Underwriters Laboratories), CSA Approved (Canadian Standards Association) and European CE Approved for indoor and outdoor use.

The FB24PST-HI features a clear dome that twists off easily for quick dome and lamp replacements. The newly redesigned base features an integrated 1/2" pipe mount boss as well as the three holes required for surface mount configurations. Black epoxy paint is electrostatically applied to the base for superior corrosion resistance. The Fireball dome and base design provides a water-tight, dust-tight and corrosion resistant NEMA 4X rating.

The Fireball® FB24PST-HI contains a supervisory diode and four wire leads, for use in fire alarm applications. This strobe is also UL 1971(ADA) listed, for hearing impaired applications.

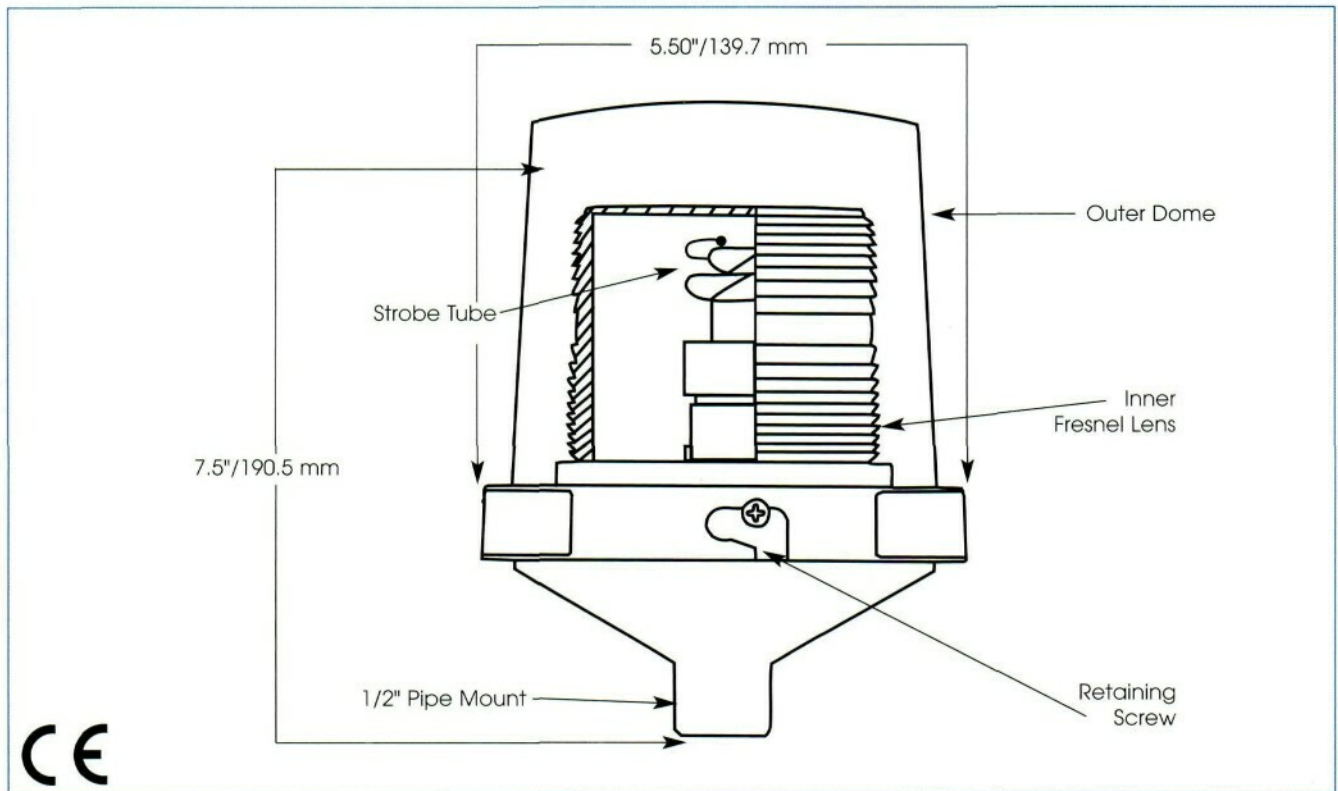
Model	Voltage	Operating Current	Flash Rate/ Minute	Candlepower Peak ¹	ECP ²	Mount
FB24PST-HI	012-024 VDC	1.70-0.70 amps	80	1,000,000	300	1/2" Pipe/Surface
FB24PST-HI	120VAC 50/60Hz	0.32 amps	90	1,000,000	300	1/2" Pipe/Surface
FB24PST-HI	240VAC 50/60Hz	0.16 amps	90	1,000,000	300	1/2" Pipe/Surface

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

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



ELECTRARAY® HAZARDOUS LOCATION WARNING LIGHT (225XST)



SPECIFICATIONS

Lamp Life*:	10,000 Hours	10,000 Hours
Lamp Style:	Strobe	Strobe
Operating Temp.:	-31° F to 150°F	-35°C to 66°C
Net Weight:	1.5 lbs.	.68 kg
Shipping Weight:	2.0 lbs.	.9 kg
Height:	7.5"	190.5 mm
Diameter:	5.5"	139.7 mm

* Optimal hours under ideal conditions.

RATINGS

- UL Listed and CSA Approved for Class 1, Division 2
- Rated for NEMA Type 4X applications
- Constructed to IP65
- CE Approved

HOW TO ORDER

- Specify model, voltage and color

REPLACEMENT PARTS

<u>Description</u>	<u>Part Number</u>	<u>Description</u>	<u>Part Number</u>
Exterior Domes		Interior Lens	
Clear, 120VAC	K8444291B	Amber	K8550C095A-02
Clear, 240VAC	K8444291B-01	Blue	K8550C095A-01
Clear, 012-024VDC	K8444291B-02	Clear	K8550C095A
		Green	K8550C095A-04
PC Assembly, 012-024VDC	K2001202B-01	Magenta	K8550C095A-08
PC Assembly, 120VAC	K200D866G	Red	K8550C095A-03
PC Assembly, 240VAC	K200D866G-01		
Strobe Tube, all voltages	K8107177A		



Electraray® Hazardous Location Strobe Warning Light

Model 225XST

DESIGNED FOR USE IN HAZARDOUS LOCATIONS

- 12-24VDC, 120VAC and 240VAC
- Six lens colors
- 10,000 hour, high-intensity strobe tube
- 1/2-inch pipe mount
- UL Listed, CSA Approved for indoor/outdoor use
- NEMA 4X, IP65 enclosure

Federal Signal's Electraray® Model 225XST hazardous location strobe light provides 80 high intensity flashes per minute. This warning light is available in 12-24VDC, 120VAC and 240VAC.

The Model 225XST has been certified by UL as meeting NEMA 4X water tight and corrosion resistant requirements; constructed to IP65. This hazardous location warning light has a black polyurethane coated base and the inner fresnel lens is available in six colors (including magenta). The clear polycarbonate outer dome can be quickly removed for easy access to inspect the unit or change the lamp. The 225XST has an effective candlepower of 240 and a 580,000 peak candlepower.

The 225XST is UL (Underwriters Laboratories) listed and CSA (Canadian Standards Association) Approved for Class I, Division 2, Groups A, B, C and D; Class II, Division 2, Groups F and G; and Class III.

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

Federal Signal's affordable Electraray Strobe Warning Light is specifically designed for use in hazardous locations or where corrosive materials are present.

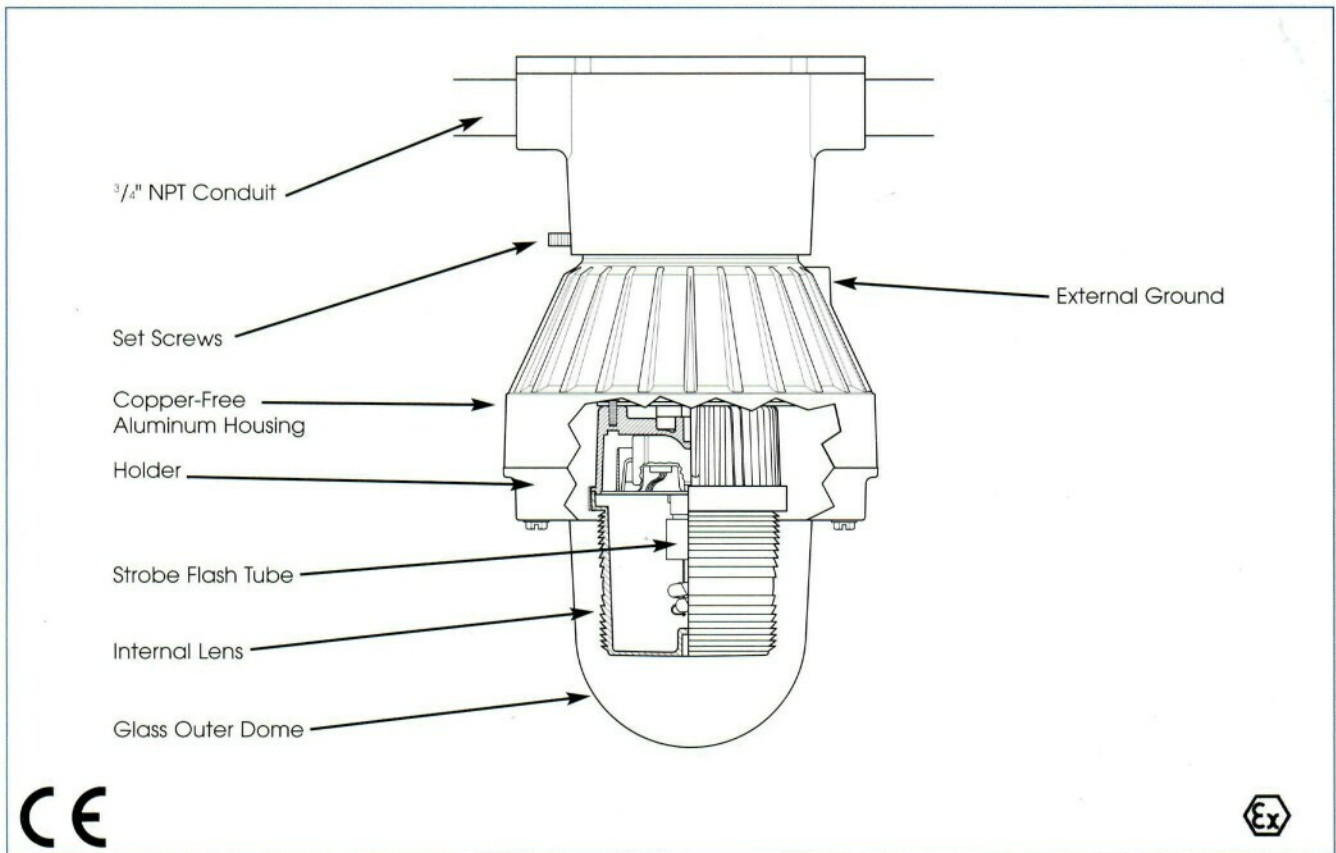
Model	Voltage	Operating Current	Flash Rate/Minute	Candlepower Peak ¹	ECP ²	Mount
225XST	012-024VDC	1.70-0.70 amps	80	580,000	240	1/2" Pipe
225XST	120VAC	0.32 amps	80	580,000	240	1/2" Pipe
225XST	240VAC	0.16 amps	80	580,000	240	1/2" Pipe

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

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



EXPLOSION-PROOF STROBE LIGHT (FB2PSTX)



SPECIFICATIONS

Operating Temp.:	-25°C to 65° C	-13° F to 149°F
Net Weight:	9.6 lbs.	4.35 kg
Shipping Weight:	13.1 lbs.	5.94 kg
Height:	13.69"	348 mm
Width:	7.44"	189 mm
Depth:	7.44"	189 mm

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	K2001202B
PC Assembly, 120VAC	K200D866G
PC Assembly, 240VAC	K200D866G-01
Strobe Tube	K8107177A

RATINGS

- CE Compliant, UL and cUL Listed
- CSA Approved
- Complies with European Harmonized Standards:
EN50014: 1977+ A1...A5
EN50018: 1977+ A1...A3
- Rated for NEMA Type 4X applications
- Approved for Class I, Division 1, Groups C and D; Class I, Division 2, Groups A, B, C & D; Class II, Division 1, Groups E, F and G; and Class III
- KEMA Certificate No. Ex-96.D.1971
EEx d IIB T5 @ 65°C Ambient
EEx d IIB T6 @ 40°C Ambient
- Ingress Protection to IP66

HOW TO ORDER

- Specify model, voltage and color



Fireball® 2 Explosion-Proof Strobe Warning Light

Model FB2PSTX

DESIGNED FOR USE IN EXPLOSION-PROOF ATMOSPHERES

- Available in 12-24VDC, 120VAC and 230-240VAC
- Five lens colors
- 10,000 hour strobe tube
- Ceiling mount standard; other options available
- UL Listed, cUL Listed, CSA Approved, CE Approved
- NEMA 4X, IP66 enclosure

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, 120VAC and 230-240VAC. These strobe lights are well suited for a wide range of explosion-proof warning light applications.

All models are UL and cUL Listed (Underwriters Laboratories) for indoor/outdoor and marine use, and comply with European Harmonized standards EN50014 and EN50018 (KEMA Certificate Number EX-96.D.1971). This unit meets NEC (National Electrical Code) classifications 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; and Class III. This unit meets the harmonized European requirements for use in areas classified as Zone 1, Group IIB or Zone 2. This strobe light is also CSA Approved.

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 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.

Model	Voltage	Operating Current	Flash Rate/Minute
FB2PSTX	012-024VDC	0.18 amps	80
FB2PSTX	120VAC 50/60HZ	0.06 amps	80
FB2PSTX	230-240VAC 50/60HZ	0.03 amps	80

