



► Models FB2LEDX and FB2LEDX-QC

Fireball® Hazardous Location LED Warning Lights



Model FB2LEDX is a multi-pattern LED available in single color and quad-color models. Single color models are available in five colors (Amber, Blue, Clear, Green, Magenta, and Red) and feature Federal Signal's patented Power Select™ technology. PowerSelect™ allows a user to select one of three flash patterns (60 FPM, 120 FPM, and steady) without having to open the unit, by following a sequence when power is applied.

Quad-color models feature four colors (Amber, Blue, Green, and Red) and four flash patterns (60 FPM, 120 FPM, simulated strobe, and steady) per unit. Sixteen color and flash pattern combinations are achieved by wiring selection.

FB2LEDX is available in 12-24VDC and 120-240VAC. The zinc die-cast alloy base features an integrated 1/2-inch NPT pipe mount and three holes required for surface mount configurations. Optional hazardous location wall mount bracket is sold separately.

FB2LEDX models come with a stainless steel wire guard for added protection., and it is designed to protect against corrosion, vibration, water- and dust- ingress, and high pressure and temperature spray-downs. The unit is ideal in harsh and hazardous applications including industrial warning, process control, status indication, food processing, and oil and gas environments.

FEATURES

- Available in 12-24VDC or 120-240VAC
- Single color models are available with Amber, Blue, Clear, Green, Magenta, or Red LEDs/lens, and have three flash patterns
- Quad-color models are available with a clear lens and four colors (Amber, Blue, Green, and Red LEDs, and four flash patterns) in one unit
- Stainless steel wire guard included
- 50,000 hour LED
- Three flash pattern options: 60 FPM (default), 120 FPM, or steady
- Integrated 1/2-inch NPT pipe and surface mount
- Indoor/outdoor use
- Conformal coated PCBA
- Type 4X, IP66 enclosure
- IP69K compliant
- 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
- UL and cUL Listed for Class I, Zone 2, AEx nA IIC Gc; Class II, Zone 22 AEx tc IIIC Dc (FB2LED-CN Models Only)

MODEL	VOLTAGE	OPERATING CURRENT	LIGHT OUTPUT	MOUNT
FB2LEDX¹-012-024 *	12-24VDC	0.48-0.24 amps	300 cd	1/2" NPT Pipe/Surface
FB2LEDX¹-120-240 *	120-240VAC 50/60Hz	0.03 amps	300 cd	1/2" NPT Pipe/Surface
FB2LEDX-QC-012-024	12-24VDC	0.32-0.17 amps	200 cd	1/2" NPT Pipe/Surface
FB2LEDX-QC-120-240	120-240VAC 50/60Hz	0.055 amps	200 cd	1/2" NPT Pipe/Surface

* Indicates color: (A) Amber, (B) Blue, (C) Clear, (G) Green, or (R) Red
¹-CN

HAZARDOUS LOCATION RATING: FB2LEDX / FB2LEDX-QC

T-CODE AT MAXIMUM AMBIENT TEMPERATURE, °C

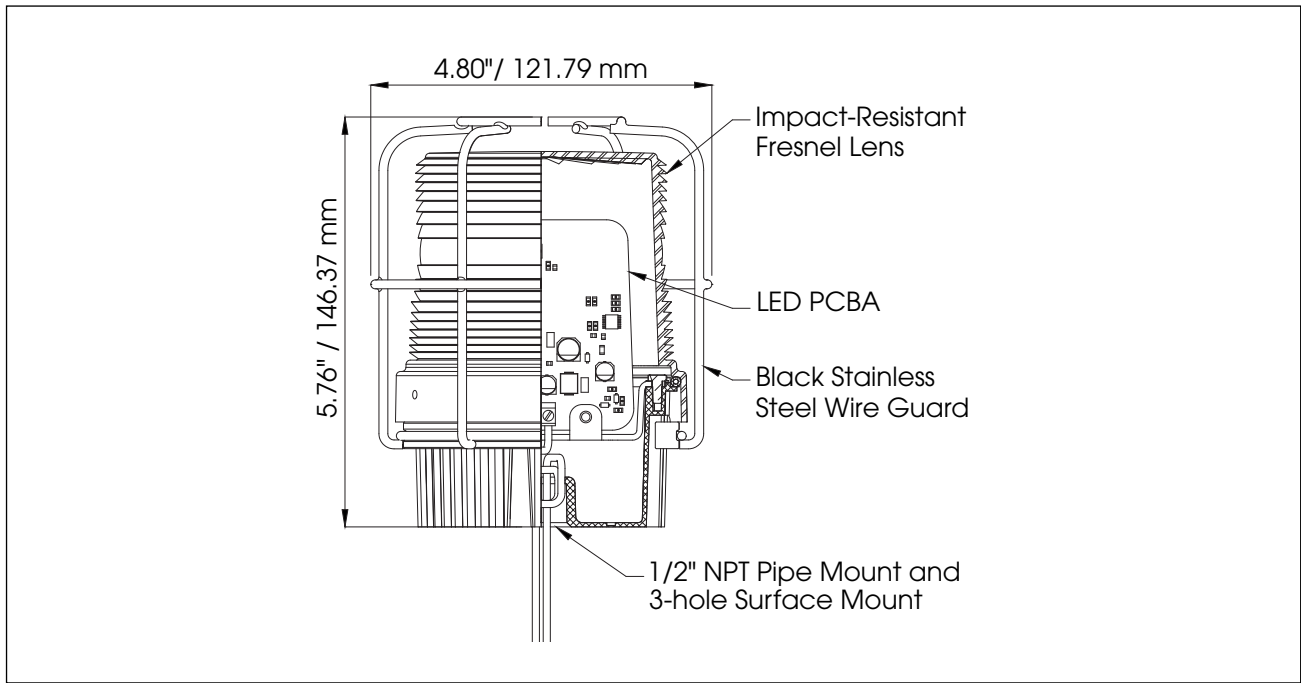
Hazardous Location	66°C
Class I, Division 2, Groups A, B, C, D	T5
Class II, Division 2, Groups F, G	T6
Class III	T6

HAZARDOUS LOCATION RATING: FB2LEDX-CN

T-CODE AT MAXIMUM AMBIENT TEMPERATURE, °C

Hazardous Location	66°C
Class I, Zone 2	T5
Class II, Zone 22	T85

Fireball® Hazardous Location LED Warning Lights (FB2LEDX and FB2LEDX-QC)

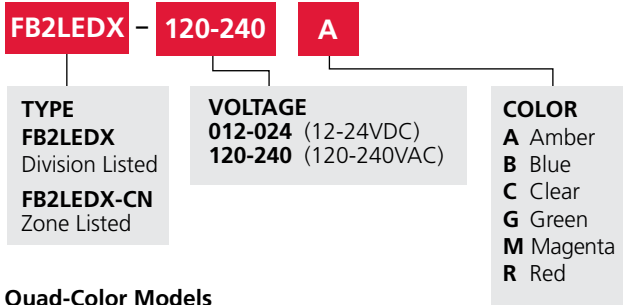


SPECIFICATIONS

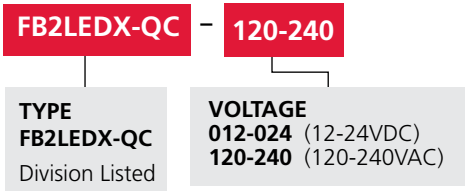
Lamp Life:	50,000 Hours	
Light Source:	LED	
Electrical Operating Temperature:	-49°F to 150°F	-45°C to 66°C
Certified Operating Temperature:	-40°F to 150°F	-40°C to 66°C
Net Weight:	1.75 lbs	0.79 kg
Shipping Weight:	2.05 lbs	0.93 kg
Height:	5.76"	146.37 mm
Diameter:	4.80"	121.79 mm

HOW TO ORDER

Single Color Models



Quad-Color Models



REPLACEMENT PARTS

Description	Part Number
PCBA, 12-24VDC, for Amber, Green, or Red units	K20000401A
PCBA, 12-24VDC, for Blue, Magenta, or Clear units	K20000401A-01
PCBA, 120-240VAC, for Amber, Green, or Red units	K20000426A
PCBA, 120-240VAC, for Blue, Magenta, or Clear units	K20000426A-01
PCBA, 12-24VDC, for Quad-Color units	K20000459A
PCBA, 120-240VAC, for Quad-Color units	K20000458A
Wire Guard Assembly	FB2G

OPTIONAL ACCESSORIES

Description	Part Number
Wall Mount Kit, Hazardous Location	LHWB