

LP3XL STREAMLINE™ HAZARDOUS LOCATION LED LIGHTS

COMPACT VISUAL SIGNAL FOR CLASS I DIVISION 2 APPLICATIONS



Federal Signal is expanding its hazardous location portfolio with the new LP3XL StreamLine™ Hazardous Location LED Light, a compact, non-metallic visual signal designed for Class I, Division 2 applications where a lighter-duty, more economical solution is all that's required. The LP3XL delivers reliable visual indication for safety showers, gas detection, food and beverage, and control systems without the size and cost of higher-output devices.

KEY FEATURES AND BENEFITS

- **Compact hazardous location visual signal**
 - Small footprint for tight spaces on safety and process control equipment.
 - 360-degree light output for clear status indication from any viewing angle.
- **Non-metallic, black enclosure**
 - Corrosion-resistant housing is suitable for industrial grade safe area and Division 2, NEMA 4X environments.
 - Smooth exterior surface supports washdown and easy cleaning, especially important for NSF Food, Beverage and pharmaceutical applications where debris collection must be minimized.
- **Multiple flash patterns**
 - Three patterns (60 FPM, simulated strobe, and steady) support consistent visual alerting across alarm, warning, and status applications.
 - Simple configuration makes it easy to match plant standards and OEM preferences.
- **Flexible installation**
 - Integrated 1/2-inch NPT pipe mount, surface mount, and 1/2-inch NPT M mount simplifies mounting to existing conduit and structures.*
- **Electrical and control flexibility**
 - Models available in 12–48 Vdc or 120–240 Vac to fit common control panel and plant power requirements.
 - Low inrush PLC-compatible operation easily integrates visual alerts to process control logic.

* Integrated 1/2-inch NPT pipe mount available now, surface mount and 1/2-inch NPT M mount will be available to order in December 2026.

RATINGS, CERTIFICATIONS, AND PERFORMANCE

- **Hazardous location ratings**
 - UL and cUL Listed for Class I, Division 2, Groups A, B, C, D T3C at 55°C and Class I, Zone 2, Group IIC T3C at 55°C, supporting use in oil & gas, chemical, and other flammable gas environments.
 - Additional approvals include Class II Division 2, Groups F, G and Class III T5 for dust and fiber environments.
- **Environmental protection**
 - Type 4X, IP66/IP67 enclosure and IP69K compliance for indoor/outdoor use and high-pressure, high temperature washdown.
 - Operating temperature from -40 °F to 150.8 °F [-40 °C to 66 °C] to perform in extreme climates.
- **LED life and construction**
 - Long-life LED light source rated at 15,000 hours reduces maintenance intervals and service calls compared to traditional strobes.

SPECIFICATIONS

LAMP LIFE	15,000 Hours
LIGHT SOURCE	LED
OPERATING TEMPERATURE	-40° to 150.8 °F [-40° to 66°C]
NET WEIGHT	0.44 lb (0.68 kg)
SHIP WEIGHT	0.82 lb (0.37)
HEIGHT	5.54 in (140.8 mm)
DIAMETER	3.25 in (82.6 mm)



IP69K rated visual signal, built for hazardous locations and harsh washdown areas - compact, corrosion resistant, and delivering 360-degree light output.



Reliable Class 1 Division 2 visual status indication or warning light. Delivering Federal Signal durability in a compact, non-metallic signal.

HOW TO ORDER

MODEL	DESCRIPTION	UPC CODE
1/2-inch NPT Pipe Mount Models		
LP3XLP-012-048A	StreamLine Hazardous Location LED Light, 12-48 Vdc, 1/2-inch NPT Pipe Mount, Amber	782979106982
LP3XLP-012-048B	StreamLine Hazardous Location LED Light, 12-48 Vdc, 1/2-inch NPT Pipe Mount, Blue	782979106999
LP3XLP-012-048C	StreamLine Hazardous Location LED Light, 12-48 Vdc, 1/2-inch NPT Pipe Mount, Clear	782979107002
LP3XLP-012-048G	StreamLine Hazardous Location LED Light, 12-48 Vdc, 1/2-inch NPT Pipe Mount, Green	782979107019
LP3XLP-012-048M	StreamLine Hazardous Location LED Light, 12-48 Vdc, 1/2-inch NPT Pipe Mount, Magenta	782979107026
LP3XLP-012-048R	StreamLine Hazardous Location LED Light, 12-48 Vdc, 1/2-inch NPT Pipe Mount, Red	782979107033
LP3XLP-120-240A	StreamLine Hazardous Location LED Light, 120-240 Vac, 1/2-inch NPT Pipe Mount, Amber	782979107040
LP3XLP-120-240B	StreamLine Hazardous Location LED Light, 120-240 Vac, 1/2-inch NPT Pipe Mount, Blue	782979107057
LP3XLP-120-240C	StreamLine Hazardous Location LED Light, 120-240 Vac, 1/2-inch NPT Pipe Mount, Clear	782979107064
LP3XLP-120-240G	StreamLine Hazardous Location LED Light, 120-240 Vac, 1/2-inch NPT Pipe Mount, Green	782979107071
LP3XLP-120-240M	StreamLine Hazardous Location LED Light, 120-240 Vac, 1/2-inch NPT Pipe Mount, Magenta	782979107088
LP3XLP-120-240R	StreamLine Hazardous Location LED Light, 120-240 Vac, 1/2-inch NPT Pipe Mount, Red	782979107095
1/2-inch NPT M Mount Models (AVAILABLE TO ORDER IN DECEMBER 2026)		
LP3XLM-012-048A*	StreamLine Hazardous Location LED Light, 12-48 Vdc, 1/2-inch NPT M Mount, Amber	782979107699
LP3XLM-012-048B*	StreamLine Hazardous Location LED Light, 12-48 Vdc, 1/2-inch NPT M Mount, Blue	782979107705
LP3XLM-012-048C*	StreamLine Hazardous Location LED Light, 12-48 Vdc, 1/2-inch NPT M Mount, Clear	782979107712
LP3XLM-012-048G*	StreamLine Hazardous Location LED Light, 12-48 Vdc, 1/2-inch NPT M Mount, Green	782979107729
LP3XLM-012-048M*	StreamLine Hazardous Location LED Light, 12-48 Vdc, 1/2-inch NPT M Mount, Magenta	782979107736
LP3XLM-012-048R*	StreamLine Hazardous Location LED Light, 12-48 Vdc, 1/2-inch NPT M Mount, Red	782979107743
LP3XLM-120-240A*	StreamLine Hazardous Location LED Light, 120-240 Vac, 1/2-inch NPT M Mount, Amber	782979107750
LP3XLM-120-240B*	StreamLine Hazardous Location LED Light, 120-240 Vac, 1/2-inch NPT M Mount, Blue	782979107767
LP3XLM-120-240C*	StreamLine Hazardous Location LED Light, 120-240 Vac, 1/2-inch NPT M Mount, Clear	782979107774
LP3XLM-120-240G*	StreamLine Hazardous Location LED Light, 120-240 Vac, 1/2-inch NPT M Mount, Green	782979107781
LP3XLM-120-240M*	StreamLine Hazardous Location LED Light, 120-240 Vac, 1/2-inch NPT M Mount, Magenta	782979107798
LP3XLM-120-240R*	StreamLine Hazardous Location LED Light, 120-240 Vac, 1/2-inch NPT M Mount, Red	782979107804
Surface Mount Models (AVAILABLE TO ORDER IN DECEMBER 2026)		
LP3XLS-012-048A*	StreamLine Hazardous Location LED Light, 12-48 Vdc, Surface Mount, Amber	782979107811
LP3XLS-012-048B*	StreamLine Hazardous Location LED Light, 12-48 Vdc, Surface Mount, Blue	782979107859
LP3XLS-012-048C*	StreamLine Hazardous Location LED Light, 12-48 Vdc, Surface Mount, Clear	782979107866
LP3XLS-012-048G*	StreamLine Hazardous Location LED Light, 12-48 Vdc, Surface Mount, Green	782979107873
LP3XLS-012-048M*	StreamLine Hazardous Location LED Light, 12-48 Vdc, Surface Mount, Magenta	782979107880
LP3XLS-012-048R*	StreamLine Hazardous Location LED Light, 12-48 Vdc, Surface Mount, Red	782979107897
LP3XLS-120-240A*	StreamLine Hazardous Location LED Light, 120-240 Vac, Surface Mount, Amber	782979107903
LP3XLS-120-240B*	StreamLine Hazardous Location LED Light, 120-240 Vac, Surface Mount, Blue	782979107910
LP3XLS-120-240C*	StreamLine Hazardous Location LED Light, 120-240 Vac, Surface Mount, Clear	782979107927
LP3XLS-120-240G*	StreamLine Hazardous Location LED Light, 120-240 Vac, Surface Mount, Green	782979107934
LP3XLS-120-240M*	StreamLine Hazardous Location LED Light, 120-240 Vac, Surface Mount, Magenta	782979107941
LP3XLS-120-240R*	StreamLine Hazardous Location LED Light, 120-240 Vac, Surface Mount, Red	782979107958

* Integrated 1/2-inch NPT pipe mount available now, surface mount and 1/2-inch NPT M mount will be available to order in December 2026.

TIMING

Orders for the LP3XL with the integrated 1/2-inch NPT pipe mount can be accepted and processed today. The Surface mount and 1/2-inch NPT M mount will be available to order and ship in December 2026. Please contact your local sales rep for further information.

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