



Models 191XL and 191XL-CN

## Hazardous Location LED Lights

Models 191XL and 191XL-CN are hazardous location flashing signal lights that come standard in flashing mode and are field-configurable to steady-burn mode for maximum functionality.

Federal Signal's LED array used in the 191XL and 191XL-CN produces intense light output and 50,000 hours of service. Increased shock and vibration resistance add to these units' rugged industrial portfolio of features.



LENS COLOR OPTIONS



### FEATURES

- 191XL models are available in 24 Vac/dc, 120-240 Vac, and 277 Vac
- 191XL-CN models are available in 24 Vac/dc and 120-240 Vac
- Six lamp/lens colors: Amber, Blue, Clear, Green, Magenta, and Red
- Flashing mode standard, field-configurable to steady-burn
- 50,000-hour, vibration-resistant LED lamp
- Dome guard included
- Available in 3/4-inch NPT pipe mount or surface mount
- Type 4X, IP66 enclosure
- IP69K compliant
- Marine Listed
- 191XL Division Listed models: 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
- 191XL-CN Zone Listed models: UL and cUL Listed for Class 1, Zone 2, AEx nA IIC Gc, Zone 22 AEx tc IIIC Dc

MODEL	VOLTAGE	OPERATING CURRENT	IN-RUSH CURRENT	FLASH RATE/ MINUTE	MOUNT	LIGHT OUTPUT
191XL-*024**	24 Vac/dc	0.40 A	1.75 A, 5.0 mS	60	3/4-inch NPT Pipe or Surface	200 cd***
191XL-*120240**	120/240 Vac	0.21/0.13 A	2.0 A, 0.25 mS	60	3/4-inch NPT Pipe or Surface	200 cd***
191XL-*277**	277 Vac	0.13 A	9.75 A, 0.25 mS	60	3/4-inch NPT Pipe or Surface	200 cd***
191XL-CN-*024**	24 Vac/dc	0.40 A	1.75 A, 5.0 mS	60	3/4-inch NPT Pipe or Surface	200 cd***
191XL-CN*120-240**	120/240 Vac	0.21/0.13 A	2.0 A, 0.25 mS	60	3/4-inch NPT Pipe or Surface	200 cd***

\* Include (S) for Surface Mount Option (Example part number: 191XL-S120240R for surface mount option, 191XL-120-240R for pipe mount)

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

\*\*\* Tested with clear lens and flashing mode

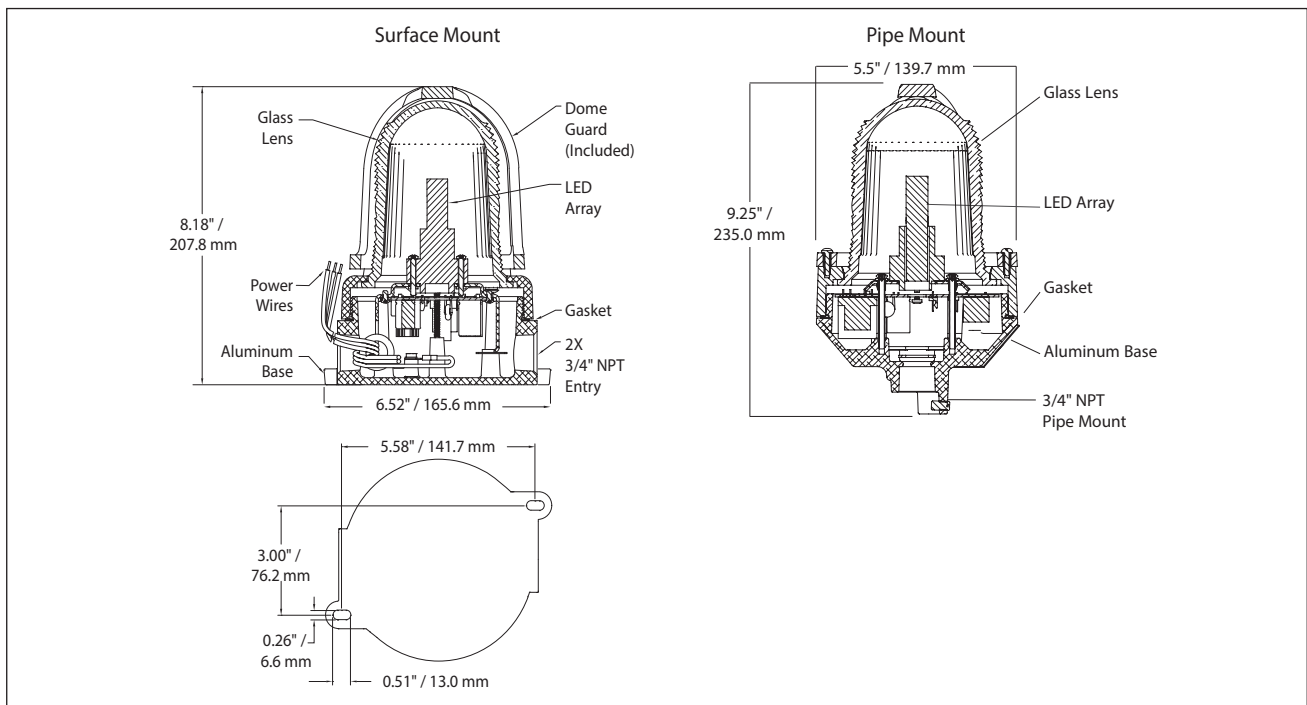
NOTE: When ordering the 120/240 voltage, use 120-240 for the pipe mount model and 120240 for the surface mount model

### HAZARDOUS LOCATION RATING: 191XL Division Listed and 191XL-CN Zone Listed

T-CODE AT MAXIMUM AMBIENT TEMPERATURE, °C

Model	Hazardous Location	40°C			55°C			66°C		
		24 Vac/dc	100-265 Vac	277 Vac	24 Vac/dc	100-265 Vac	277 Vac	24 Vac/dc	100-265 Vac	277 Vac
191XL	Class 1, Division 2, Groups A, B, C, D	T6	T6	T5	T5	T5	T5	T4A	T4A	T5
191XL	Class II, Division 1, Groups E, F, G	T6	T6	T5	T6	T6	T5	T6	T6	T5
191XL	Class III	T6	T6	T5	T6	T6	T5	T6	T6	T5
191XL-CN	Class I, Zone 2	-	-	-	-	-	-	T4	T4	T4
191XL-CN	Class II, Zone 22	-	-	-	-	-	-	T85	T85	T85

# Hazardous Location Division Listed LED Lights (191XL and 191XL-CN)



## SPECIFICATIONS

Lamp Life:	50,000 Hours
Light Source:	LED
Certification Operating Temperature:	
191XL:	-58° to 150°F (-50° to 66°C)
191XL-CN:	-31° to 150°F (-35° to 66°C)
Electrical Operating Temperature:	
191XL:	-67° to 150°F (-55° to 66°C)
191XL-CN:	-67° to 150°F (-55° to 66°C)
Net Weight:	4.0 lb (1.81 kg)
Shipping Weight:	4.25 lb (1.93 kg)
Pipe Mount	
Height (with Dome Guard):	9.25 in (235.0 mm)
Diameter:	5.5 in (139.7 mm)
Surface Mount	
Height (with Dome Guard):	8.18 in (207.8 mm)
Diameter:	6.52 in (165.6 mm)

## ACCESSORIES

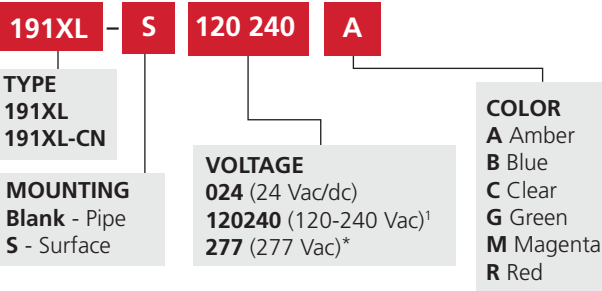
Description	Part Number
Hazardous Location Mounting Bracket	LHWB

## REPLACEMENT PARTS

Description	Part Number
LED array, Amber	K14700030A-A
LED array, Blue	K14700030A-B
LED array, Clear	K14700030A-W
LED array, Green	K14700030A-G
LED array, Red	K14700030A-R
PC Board Assembly, 24 Vac/dc	K2005455A
PC Board Assembly, 120/240 Vac	K2005416A
PC Board Assembly, 277 Vac	K2005416A-01
Glass Lens/Ring Assembly, Amber	K8449078C-01
Glass Lens/Ring Assembly, Blue <sup>1</sup>	K8449078C-06
Glass Lens/Ring Assembly, Clear <sup>1</sup>	K8449078C-04
Glass Lens/Ring Assembly, Green <sup>1</sup>	K8449078C-07
Glass Lens/Ring Assembly, Magenta <sup>1</sup>	K8449078C-05
Glass Lens/Ring Assembly, Red <sup>1</sup>	K8449078C
Guard, Dome	K8449090C

<sup>1</sup> Assembly includes a gasket

## HOW TO ORDER



<sup>1</sup> When ordering the 120/240 voltage, use 120-240 for the pipe mount model and 120240 for the surface mount model

\* Only available for 191XL models