

# Lorem Ipsum

*"Neque porro quisquam est qui dolorem ipsum quia dolor sit amet, consectetur, adipisci velit..."*

"There is no one who loves pain itself, who seeks after it and wants to have it, simply because it is pain..."

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► Model 151XST

# Hazardous Location Strobe Light



Model 151XST hazardous location strobe light provides 80 high-intensity flashes per minute. This hazardous location warning light has an aluminum base, coated for corrosion resistance, that can be ordered for mounting on a 3/4-inch NPT pipe or a surface. The dome guard (included) fits over the glass lens to protect it against accidental collision with moving equipment, such as forklifts.

Federal Signal's rugged 151XST strobe light is specifically designed for hazardous locations or corrosive environments where a very bright visual signal is required. This warning light can be used for plant evacuation or other communication needs.

## FEATURES

- Available in 12-24VDC, 120VAC and 230-240VAC
- Five lens colors: Amber, Blue, Clear, Green and Red
- 10,000-hour high-intensity strobe
- Available in 3/4-inch NPT pipe mount or surface mount
- Dome guard included
- Indoor/outdoor use
- Conformal coated PCBA
- Type 4X, IP66 enclosure
- IP69K compliant
- Marine rated
- 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

MODEL	VOLTAGE	OPERATING CURRENT	FLASH RATE / MINUTE	LIGHT OUTPUT PEAK <sup>1</sup>	ECP <sup>2</sup>
<b>151XST-*012-024**</b>	12-24VDC	1.3-0.60 amps	80	520,000 cd	165 cd
<b>151XST-*120**</b>	120VAC 50/60Hz	0.35 amps	80	520,000 cd	165 cd
<b>151XST-*240**</b>	230-240VAC 50/60Hz	0.18 amps	80	520,000 cd	165 cd

\* Include (S) for Surface Mount Option (Example part number: 151XST-S120R for surface mount option, 151XST-120R for pipe mount)

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

<sup>1</sup> Peak candela is the maximum light intensity generated by a flashing light during its light pulse

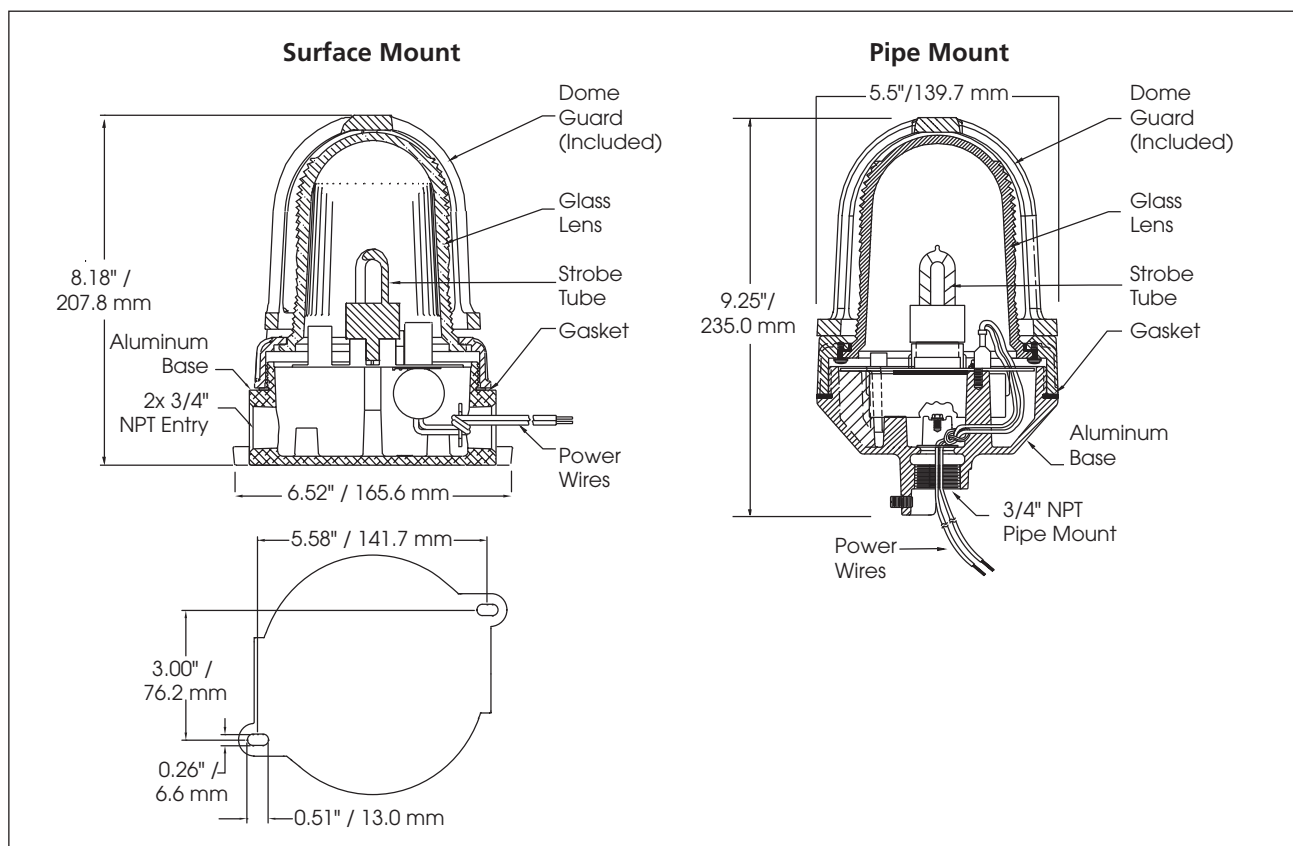
<sup>2</sup> ECP (Effective Candela) is the intensity that would appear to an observer if the light were burning steadily

## HAZARDOUS LOCATION RATING: 151XST

T-CODE AT MAXIMUM AMBIENT TEMPERATURE, °C

Hazardous Location	40°C	66°C
Class I, Division 2, Groups A, B, C, D	T2	T1
Class II, Division 1, Groups E, F, G	T5	T5
Class III	T5	T5

## Hazardous Location Strobe Light (151XST)



## SPECIFICATIONS

Lamp Life:	10,000 Hours	
Light Source:	Strobe tube	
Operating Temperature:	-67°F to 150°F	-55°C to 66°C
Net Weight:	3.8 lbs	1.7 kg
Shipping Weight:	4.5 lbs	2.0 kg
Pipe Mount		
Height:	9.25"	235.0 mm
Diameter:	5.5"	139.7 mm
Surface Mount		
Height:	8.18"	207.8 mm
Diameter:	6.52"	165.6 mm

## HOW TO ORDER

<b>151XST</b>	<b>-</b>	<b>S</b>	<b>12-24</b>	<b>A</b>
<b>TYPE</b> 151XST		<b>MOUNTING</b> Blank - Pipe S - Surface	<b>VOLTAGE</b> 012-024 (Pipe) (12-24VDC) 12-24 (Surface) (12-24VDC) 120 (120VAC) 240 (230-240VAC)	<b>COLOR</b> A Amber B Blue C Clear G Green R Red

## REPLACEMENT PARTS

Description	Part Number
<b>Series C Dome and Ring Assembly</b>	
Lens & Ring Assembly, Amber <sup>1</sup>	K8449078C-01
Lens & Ring Assembly, Blue <sup>1</sup>	K8449078C-06
Lens & Ring Assembly, Clear <sup>1</sup>	K8449078C-04
Lens & Ring Assembly, Green <sup>1</sup>	K8449078C-07
Lens & Ring Assembly, Red <sup>1</sup>	K8449078C
PCB Assembly, 12-24VDC	K2001173C
PCB Assembly, 120VAC	K2001071B
PCB Assembly, 240VAC	K2001071B-01
Strobe Tube	K149122B
Dome Guard	K8449090C

<sup>1</sup> Includes dome gasket

## OPTIONAL ACCESSORIES

Description	Part Number
Hazardous Location Mounting Bracket	LHWB

Mounting Brackets shown on pages 138-139



► Model 191XL

## Hazardous Location Division Listed LED Light



Model 191XL is a hazardous location flashing signal light that comes standard in flashing mode and is field configurable to steady-burn mode for maximum functionality.

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

### FEATURES

- Available in 24VAC/DC, 120-240VAC and 277VAC
- Five lamp/lens colors: Amber, Blue, Clear, Green and Red
- Flashing mode standard, configurable to steady-burn
- 50,000 hours, 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
- 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

MODEL	VOLTAGE	OPERATING CURRENT	IN-RUSH CURRENT	FLASH RATE/ MINUTE	MOUNT	LIGHT OUTPUT
<b>191XL- * 024 **</b>	24VAC/DC	0.40 amps	1.75 amps, 5.0 mS	60	3/4" NPT Pipe or Surface	200 cd***
<b>191XL- * 120 240 **</b>	120/240VAC	0.21/0.13 amps	2.0 amps, 0.25 mS	60	3/4" NPT Pipe or Surface	200 cd***
<b>191XL-277 **</b>	277VAC	0.13 amps	9.75 amps, 0.25mS	60	3/4" NPT Pipe	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 or (R) Red

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

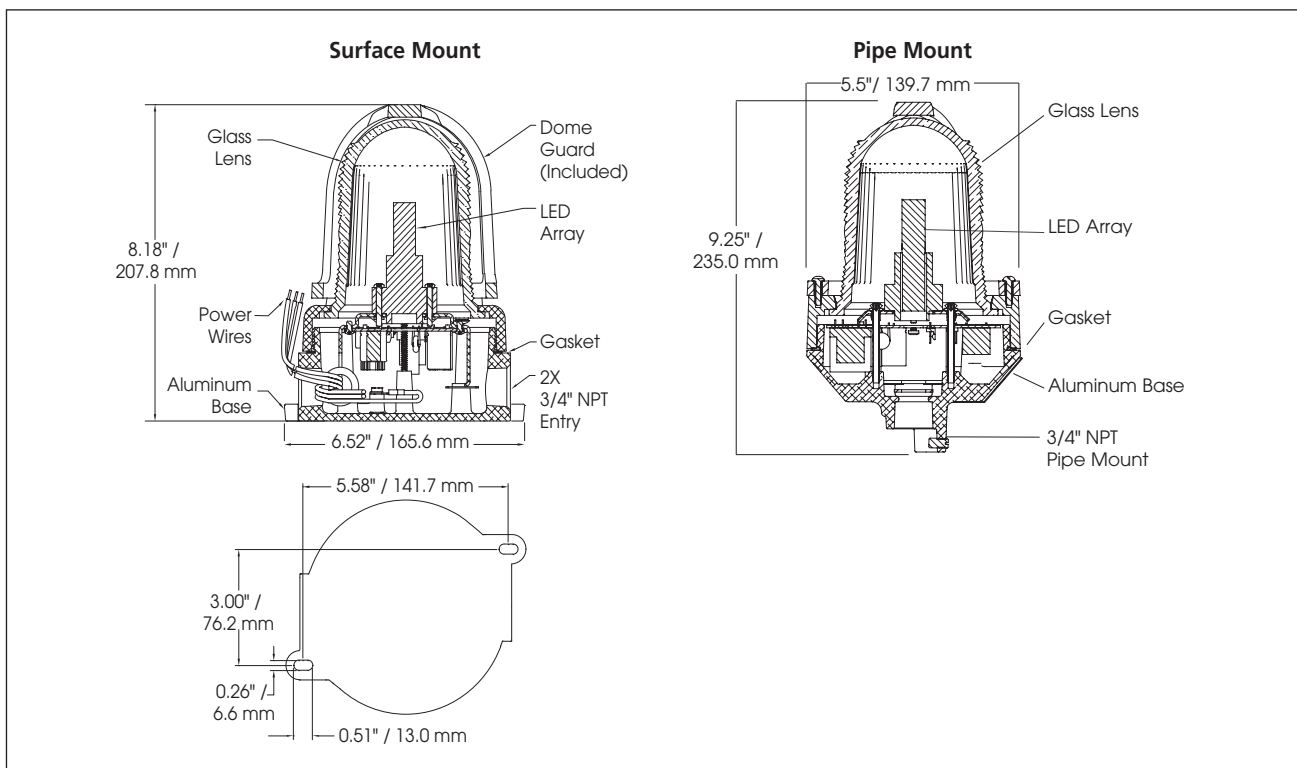
Note: When ordering the 120/240 voltage, use 120-240 for the pipe mount model and 120240 for the surface mount model

### HAZARDOUS LOCATION RATING: 191XL

T-CODE AT MAXIMUM AMBIENT TEMPERATURE, °C

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
Class I, Division 2, Groups A, B, C, D	T6	T6	T5	T5	T5	T5	T4A	T4A	T5
Class II, Division 1, Groups E, F, G	T6	T6	T5	T6	T6	T5	T6	T6	T5
Class III	T6	T6	T5	T6	T6	T5	T6	T6	T5

## Hazardous Location Division Listed LED Light (191XL)



## SPECIFICATIONS

Lamp Life:	50,000 Hours
Light Source:	LED
Operating Temperature:	-58°F to 150°F -50°C to 66°C
Net Weight:	4.0 lbs 1.81 kg
Shipping Weight:	4.25 lbs 1.93 kg

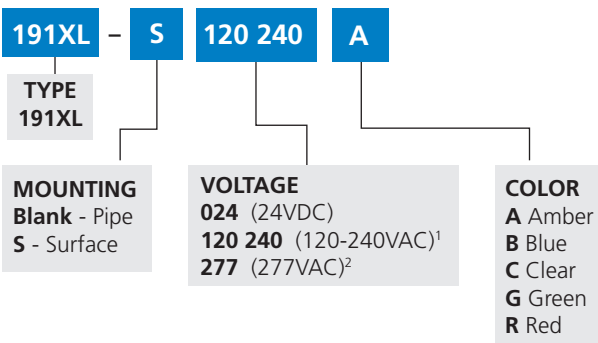
**Pipe Mount**

Height (with Dome Guard):	9.25"	235.0 mm
Diameter:	5.5"	139.7 mm

**Surface Mount**

Height (with Dome Guard)	8.18"	207.8 mm
Diameter	6.52"	165.6 mm

## 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

<sup>2</sup> 277VAC versions are available in pipe mount only

## 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, 24VDC	K2005455A
PC Board Assembly, 120/240VAC	K2005416A
PC Board Assembly, 277VAC	K2005416A-01
Glass Lens/Ring Assembly, Amber <sup>1</sup>	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, Red <sup>1</sup>	K8449078C
Guard, Dome	K8449090C

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

## OPTIONAL ACCESSORIES

Description	Part Number
Hazardous Location Mounting Bracket	LHWB
Mounting Bracket shown on pages 138-139	



(Shown with pendant mount. See how to order for mounting options)



► Model 27XST

# Explosion-Proof Strobe Light

**A B C G M R**

Federal Signal's Model 27XST explosion-proof strobe light 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.

Three mounting options are available: pendant, ceiling or 90° wall mount. For easy installation, the mounting box is first installed and the fixture is then threaded onto the mounting box, making the electrical connection. Pre-install the mounting bracket and electrical continuity is made when five threads are engaged.

Federal Signal's Model 27XST is specifically designed for explosion-proof atmospheres and/or corrosive environments. Because it is easy to install and requires very low maintenance, it is ideal for use in areas such as oil rigs, mines, refineries, and chemical plants.

## FEATURES

- Approved for mounting in any manner-including dome up
- Available in 24VDC, 120VAC and 240VAC
- Six lamp/lens colors: Amber, Blue, Clear, Green, Magenta and Red
- 10,000 hour strobe tube
- 3/4" NPT pendant, ceiling and wall mount options available
- Dome guard optional
- Conformal coated PCB
- Type 4X, IP66 enclosure
- IP69K compliant
- Marine Rated
- CSFM Approved
- UL and cUL Listed for Class I, Division 1 and 2, Groups C and D; Class I, Division 2, Groups A and B; Class II, Division 1, Groups E, F, and G; Class III

MODEL	VOLTAGE	OPERATING CURRENT	FLASH RATE/ MINUTE	LIGHT OUTPUT PEAK <sup>1</sup> ECP <sup>2</sup>	
<b>27XST-024 * -MOD<sup>1</sup></b>	24VDC	1.90 amps (3.0 amp In-rush)	80	2,000,000 cd	850 cd
<b>27XST-120 * -MOD<sup>1</sup></b>	120VAC 50/60Hz	1.14 amps	80	2,000,000 cd	850 cd
<b>27XST-240 * -MOD<sup>1</sup></b>	240VAC 50/60Hz	1.14 amps	80	2,000,000 cd	850 cd

\* Indicates color: (A) Amber, (B) Blue, (C) Clear, (G) Green or (R) Red (Magenta available in 120VAC and 240VAC models only)

<sup>1</sup> See "how to order" for mounting options

<sup>2</sup> Peak candela is the maximum light intensity generated by a flashing light during its light pulse

<sup>3</sup> ECP (Effective Candela) is the intensity that would appear to an observer if the light were burning steadily

## HAZARDOUS LOCATION RATING: 27XST

T-CODE AT MAXIMUM AMBIENT TEMPERATURE, °C

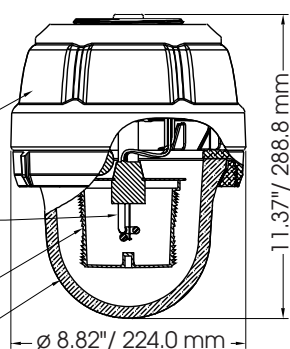
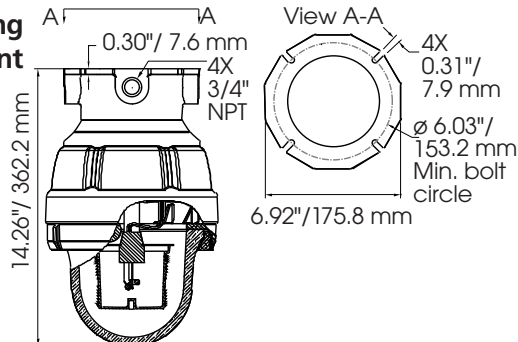
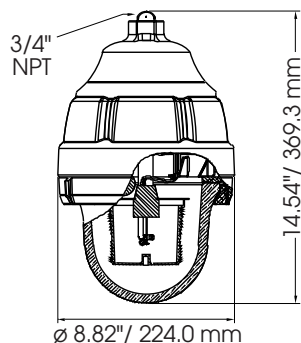
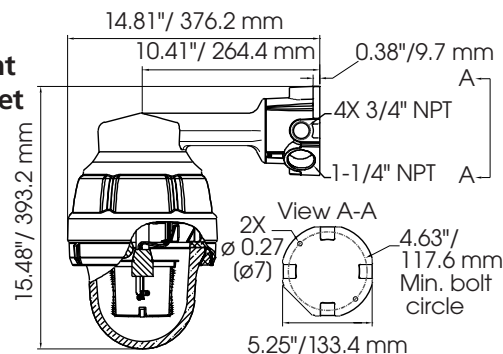
Hazardous Location	40°C	65°C
Class I, Division 1 & 2, Groups C, D	T6	T4A
Class I, Division 2, Groups A, B	T2	T2
Class II, Division 1, Groups E, F, G	T6	T4A
Class III	T6	T4A

## Explosion-Proof Strobe Light (27XST)

**Standard Strobe Model**

Cast Aluminum  
Corrosion-Resistant  
Explosion-Proof  
Housing

High Intensity  
Strobe Tube  
Fresnel Lens  
Glass Dome

**Ceiling Mount****Pendant Mount****Wall Mount Bracket**

## SPECIFICATIONS

Lamp Life:	10,000 Hours	
Light Source:	Strobe Tube	
Operating Temperature:	-67°F to 150°F -55°C to 65°C	
Net Product Weight		
Signal without Mounting:	13.9 lbs	6.3 kg
Ceiling Mount:	4.5 lbs	2.0 kg
Pendant Mount:	2.0 lbs	0.9 kg
Wall Mount:	5.9 lbs	2.7 kg
Shipping Weight		
Signal without Mounting:	14.7 lbs	6.67 kg
Ceiling Mount:	5.3 lbs	2.40 kg
Pendant Mount:	2.8 lbs	1.27 kg
Wall Mount:	6.7 lbs	3.03 kg

## REPLACEMENT PARTS

Description	Part Number
Exterior Dome Assembly, Clear	K8436147A
Interior Lens Assembly, Amber	K8550C095A-02
Interior Lens Assembly, Blue	K8550C095A-01
Interior Lens Assembly, Clear	K8550C095A
Interior Lens Assembly, Green	K8550C095A-04
Interior Lens Assembly, Magenta	K8550C095A-07
Interior Lens Assembly, Red	K8550C095A-03
24VDC Mechanism	K8436107F-03
120VAC Mechanism	K8436107E-02
Strobe Tube	K8107159A

## OPTIONAL ACCESSORIES

Description	Part Number
Dome Guard	DGXC-SB

## HOW TO ORDER

<b>27XST</b>	<b>- 024</b>	<b>A - MOD</b>
<b>TYPE</b> 27XST	<b>VOLTAGE</b> 024 (24VDC) 120 (120VAC) 240 (240VAC)	<b>COLOR</b> A Amber B Blue C Clear G Green M Magenta R Red

## Specify Optional Mounting:\*

Description	Part Number
Ceiling Mount	CMXC-SB
Pendant Mount	PMXC-SB
Wall Mount	WMXC-SB

\* Mounting kit must be ordered with unit, sold separately





(Shown with pendant mount. See how to order for mounting options)



## ► Model 27XST

# Explosion-Proof Strobe Light

**A B C G M R**

Federal Signal's Model 27XST explosion-proof strobe light 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.

Three mounting options are available: pendant, ceiling or 90° wall mount. For easy installation, the mounting box is first installed and the fixture is then threaded onto the mounting box, making the electrical connection. Pre-install the mounting bracket and electrical continuity is made when five threads are engaged.

Federal Signal's Model 27XST is specifically designed for explosion-proof atmospheres and/or corrosive environments. Because it is easy to install and requires very low maintenance, it is ideal for use in areas such as oil rigs, mines, refineries, and chemical plants.

## FEATURES

- Approved for mounting in any manner-including dome up
- Available in 24VDC, 120VAC and 240VAC
- Six lamp/lens colors: Amber, Blue, Clear, Green, Magenta and Red
- 10,000 hour strobe tube
- 3/4" NPT pendant, ceiling and wall mount options available
- Dome guard optional
- Conformal coated PCB
- Type 4X, IP66 enclosure
- IP69K compliant
- Marine Rated
- CSFM Approved
- UL and cUL Listed for Class I, Division 1 and 2, Groups C and D; Class I, Division 2, Groups A and B; Class II, Division 1, Groups E, F, and G; Class III

MODEL	VOLTAGE	OPERATING CURRENT	FLASH RATE/ MINUTE	LIGHT OUTPUT PEAK <sup>1</sup> ECP <sup>2</sup>	
<b>27XST-024 * -MOD<sup>1</sup></b>	24VDC	1.90 amps (3.0 amp In-rush)	80	2,000,000 cd	850 cd
<b>27XST-120 * -MOD<sup>1</sup></b>	120VAC 50/60Hz	1.14 amps	80	2,000,000 cd	850 cd
<b>27XST-240 * -MOD<sup>1</sup></b>	240VAC 50/60Hz	1.14 amps	80	2,000,000 cd	850 cd

\* Indicates color: (A) Amber, (B) Blue, (C) Clear, (G) Green or (R) Red (Magenta available in 120VAC and 240VAC models only)

<sup>1</sup> See "how to order" for mounting options

<sup>2</sup> Peak candela is the maximum light intensity generated by a flashing light during its light pulse

<sup>3</sup> ECP (Effective Candela) is the intensity that would appear to an observer if the light were burning steadily

## HAZARDOUS LOCATION RATING: 27XST

### T-CODE AT MAXIMUM AMBIENT TEMPERATURE, °C

Hazardous Location	40°C	65°C
Class I, Division 1 & 2, Groups C, D	T6	T4A
Class I, Division 2, Groups A, B	T2	T2
Class II, Division 1, Groups E, F, G	T6	T4A
Class III	T6	T4A

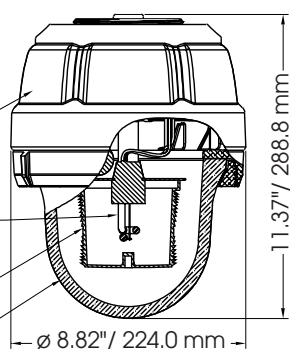
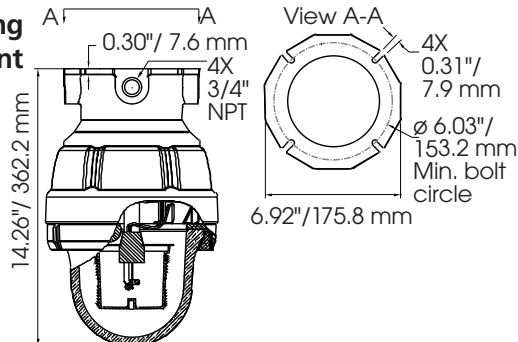
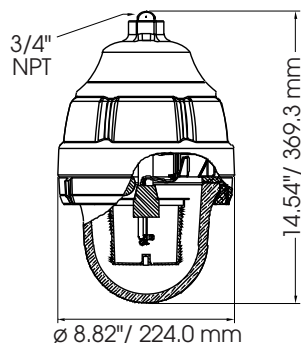
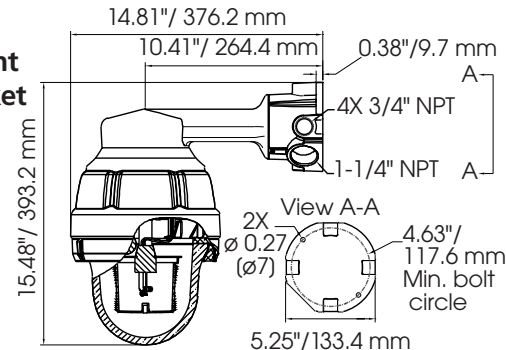


## Explosion-Proof Strobe Light (27XST)

**Standard Strobe Model**

Cast Aluminum  
Corrosion-Resistant  
Explosion-Proof  
Housing

High Intensity  
Strobe Tube  
Fresnel Lens  
Glass Dome

**Ceiling Mount****Pendant Mount****Wall Mount Bracket**

## SPECIFICATIONS

Lamp Life:	10,000 Hours	
Light Source:	Strobe Tube	
Operating Temperature:	-67°F to 150°F -55°C to 65°C	
Net Product Weight		
Signal without Mounting:	13.9 lbs	6.3 kg
Ceiling Mount:	4.5 lbs	2.0 kg
Pendant Mount:	2.0 lbs	0.9 kg
Wall Mount:	5.9 lbs	2.7 kg
Shipping Weight		
Signal without Mounting:	14.7 lbs	6.67 kg
Ceiling Mount:	5.3 lbs	2.40 kg
Pendant Mount:	2.8 lbs	1.27 kg
Wall Mount:	6.7 lbs	3.03 kg

## REPLACEMENT PARTS

Description	Part Number
Exterior Dome Assembly, Clear	K8436147A
Interior Lens Assembly, Amber	K8550C095A-02
Interior Lens Assembly, Blue	K8550C095A-01
Interior Lens Assembly, Clear	K8550C095A
Interior Lens Assembly, Green	K8550C095A-04
Interior Lens Assembly, Magenta	K8550C095A-07
Interior Lens Assembly, Red	K8550C095A-03
24VDC Mechanism	K8436107F-03
120VAC Mechanism	K8436107E-02
Strobe Tube	K8107159A

## OPTIONAL ACCESSORIES

Description	Part Number
Dome Guard	DGXC-SB

## HOW TO ORDER

<b>27XST</b>	<b>- 024</b>	<b>A - MOD</b>
<b>TYPE</b> 27XST	<b>VOLTAGE</b> 024 (24VDC) 120 (120VAC) 240 (240VAC)	<b>COLOR</b> A Amber B Blue C Clear G Green M Magenta R Red

## Specify Optional Mounting:\*

Description	Part Number
Ceiling Mount	CMXC-SB
Pendant Mount	PMXC-SB
Wall Mount	WMXC-SB

\* Mounting kit must be ordered with unit, sold separately