



► Models 2000 Series XEN1 and XEN4

Flameproof Strobe Lights

Federal Signal's 2000 Series Models XEN1 and XEN4 xenon beacons are visual warning lights for use that require ATEX approval. Model XEN1 is a strobe light that contains a single xenon flashing tube. This makes it ideally suited for use in indoor explosion-proof areas that require compliance to European electrical safety directives.

Model XEN4 is a strobe light that utilizes four strobe tubes, timed in a sequential manner, to simulate the operation of a mechanical rotating beacon. This four-strobe version is ideal in outdoor situations where a conventional beacon may not be adequate.

Flameproof strobe lights are sealed from dust and water by a nitrile rubber o-ring seal. All exterior cast aluminum surfaces are finished in powder coat paint and external hardware is manufactured from stainless steel to resist corrosion.

The 2000 Series beacon is externally powered by a DC or AC power source. Screw type terminal blocks are provided for field wiring on all units.

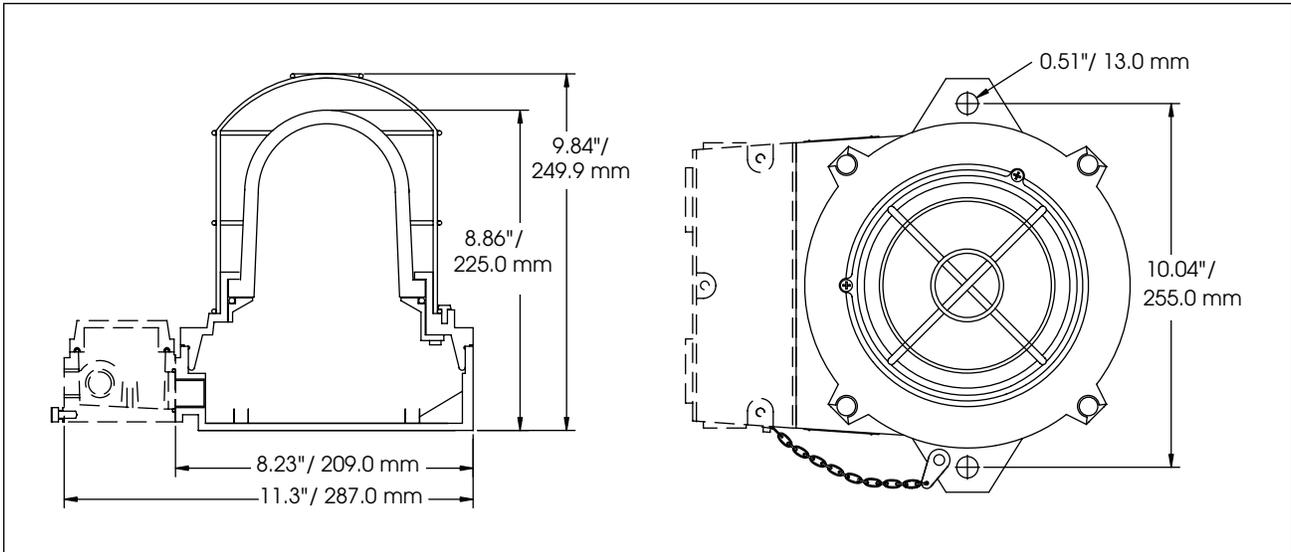
All variations of the 2000 Series beacon feature a four entry fixture to allow cable looping. These cable entries are metric (M20 X 1.5) but other configurations are available upon request.

FEATURES

- Single and four strobe tube models
- Internal fresnel lens (sold separately)
- Six lens colors: Amber, Blue, Clear, Green, Red and Yellow
- Ex de terminal chamber available
- IP66 enclosure
- Approved for use in Zone 1, 2, 21, 22 Atmospheres
- Corrosion resistant powder coat finish
- Stainless steel external hardware
- ATEX, IECEx and CE Certified

MODEL	VOLTAGE	OPERATING CURRENT	FLASH RATE/ MINUTE
XEN1	24VDC	0.93 amps	80
	48VDC	0.81 amps	80
	110VDC	0.61 amps	80
	110VAC	0.48 amps	80
	240VAC	0.38 amps	80
XEN4	24VDC	1.90 amps	N/A
	48VDC	1.22 amps	N/A
	110VDC	0.92 amps	N/A
	110VAC	0.53 amps	N/A
	240VAC	0.41 amps	N/A

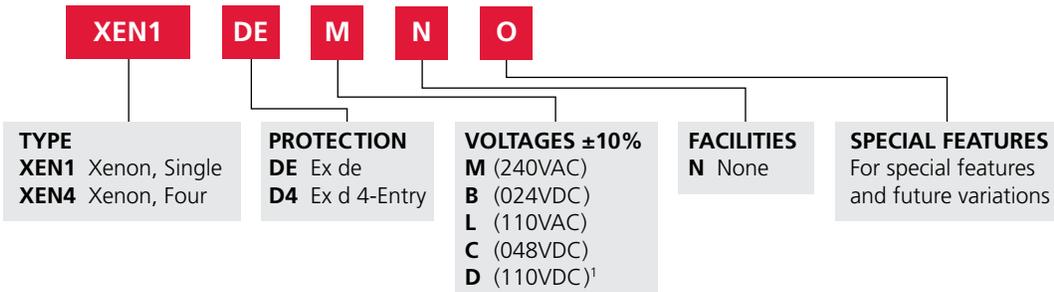
Flameproof Strobe Lights (2000 Series XEN1 and XEN4)



SPECIFICATIONS

Lamp Life:	5,000 Hours		Certification Marking:	Ex d IIB T4 Gb, Ex tb IIIB Db Ex de IIB T4 Gb, Ex tb IIIB Db	
Light Source:	Strobe		Terminals:	Ex d: 4 way block mounted PCB	
Operating Temperature:			Ex de:	12 way block in terminal chamber	
Ex d and Ex de:	-40°C to 158°F	-40°C to 70°C	Cable entries:	Ex d: 4 entries - M20 x 1.5	
Net Weight:			Ex de:	4 entries - M20 x 1.5	
Ex d:	13.23 lbs	6.0 kg	Mounting:	Via fixed cast lugs at two mounting points	
Ex de:	15.43 lbs	7.0 kg	Body:	Marine Grade Alloy painted Regal Red	
Shipping Weight:	16.5 lbs	7.5 kg	Exterior dome:	Toughened glass	
Height:	9.84"	249.9 mm	Guard:	316 stainless steel	
Width:	10.04"	255.0 mm	Ingress Protection:	IP66	
Length:	8.23"	209.0 mm			
ATEX Certificate Number:	Baseefa 07ATEX0150				
IECEX Certificate Number:	IECEX BAS 07.0038				

HOW TO ORDER



Colored Xenon Lens Sold Separately:

Description	Part Number
Amber	A1131S
Blue	A1111S
Clear	A2133S
Green	A1198S
Red	A1779S
Yellow	A3410S

¹ Range 100VDC to 135VDC with xenon beacons (inclusive of ±10%).

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