PENDANT LED

CEILING LED

WALL XENON

LED TECHNOLOGY

Class I, Div. 2, Groups A,B,C,D
Class I, Zone 2, Groups IIC, IIB, IIA
Class II, Div. 1&2, Group F,G;
Class III
CSA Enclosure Type 4X, IP66
NEMA 4X, Marine Rated

Certified - File LR11713

FEATURES-SPECIFICATIONS

ENVIRORITE®

Signal Luminaires

Applications
These new signal luminaires can be excellent warning devices in corrosive, wet NEMA 4X harsh environments, and in hazardous locations.

NVS signals contain no exposed glass and carry Class II, F&G ratings required for many food processing areas.

Features
- NVSL Series LED with very compact profile and 50,000 hours expected life; steady - on or flashing.
- NVSZ Series Xenon with 10,000 hours expected life; flashing only.
- LED utilizes inverted cone design to provide full 360 degree coverage for more light projection.
- LED and Xenon available in five colors colors - red, green, amber, blue and clear.
- Flash rate for LED is 7 micro flashes approximately every second for increased visual perception.
- Xenon flash rate 60 to 80 per minute
- Can be mounted in any orientation including lens in the **UP** or **SIDE** positions.
- Materials: High strength 30% glass-filled thermoset polyester body with Lexan®* lens.
- Resists corrosive effects of most chemicals, hydrocarbons and solvents
- Designed for indoor and outdoor applications

Catalog Numeric Logic

NVS **L C F G 01 A A G**
  1   2 3 4 5 6 7 8 9

1 NVS - Series Constant
Non-Metallic Signal

2 Source
L = LED
Z = Xenon

3 Fixture Size
C = Compact LED
M = Medium Xenon

4 Flash State
F = Flashing LED or Xenon
S = Steady LED

5 Color (Body, Mount, Guard)
G = Gray

6 Voltage
01 - 120VAC 50/60Hz   Xenon model
08 - 240VAC 50/60Hz   Xenon model
25 - 120-240VAC 50/60Hz LED model
26 - 12-80VDC (24VAC)   LED or Xenon

7 Color of Strobe
A = Amber, R = Red, G = Green, B = Blue, C = Clear

8 Mount Type
A = 3/4" pendant
X = 3/4" Ceiling
B = 3/4" Wall Bracket (consists of ceiling box and elbow to support body)
M = M20 Ceiling
W = M20 Wall Mount

9 Guard
G = Guard
N = No Guard

Example: NVSLCFG25AAG
LED Gray Body Flashing Amber
Pendant w/Guard 120-240VAC

HAZARDOUS LOCATION SUITABILITY

Source	Series	CL1 Div.2 Operating Temp. Code	CL2 Div.1 Groups	Ambient Range
LED	NVSLC	T6	F,G	-40°C to +40°C
Xenon	NVSZM	T2C	F,G	-40°C to +40°C

Intensity in Candellas		Flashing	Steady
LED	Amber	4.3/7.4*	11.3
	Red	5.9/10.1*	15.4
	Green	4.5/7.8*	11.8
	Blue	2.5/4.3*	6.6
	Clear	4.8/8.2*	12.5
Xenon	Amber	40	-
	Red	10	-
	Green	20	-
	Blue	20	-
	Clear	50	-

*CD-S/CD-Effective

Electrical Ratings Max.		
LED	120VAC	040mA Flash
	240VAC	020mA Flash
	12VDC	400mA
	80VDC	60mA
	24VAC	198mA Flash
Xenon	120VAC	.04 Avg.
	240VAC	.02 Avg.
	12VDC	.40 Avg.
	80VDC	.05 Avg.
	24VAC	.35 Avg.

to the following standards:
- UL 1598 Standard for luminaires
- UL 1598A Marine type luminaires
- UL 844 Standard for lighting fixtures for hazardous locations
- UL 1638 Standard for visual signalling applications
- CSA C22.2 no. 137-M1981 electric luminaires for use in hazardous locations
- Enclosed and gasketed, NEMA 3, 4X IP66

* Lexan® is a registered trademark of General Electric.

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COMPONENT/REPLACEMENT PARTS

CATALOG NO.	DESCRIPTION
NVSLC LED SERIES①	
NVSLCFG25A	LED BODY AMBR FLASH 120-240VAC
NVSLCFG25R	LED BODY RED FLASH 120-240VAC
NVSLCFG25G	LED BODY GRN FLASH 120-240VAC
NVSLCFG25B	LED BODY BLUE FLASH 120-240VAC
NVSLCFG25C	LED BODY CLR FLASH 120-240VAC
NVSLCSG25A	LED BODY AMBR STEADY 120-240VAC
NVSLCSG25R	LED BODY RED STEADY 120-240VAC
NVSLCSG25G	LED BODY GRN STEADY 120-240VAC
NVSLCSG25B	LED BODY BLUE STEADY 120-240VAC
NVSLCSG25C	LED BODY CLR STEADY 120-240VAC
NVSLCFG26A	LED BODY AMBR FLASH 12-80VDC: 24VAC
NVSLCFG26R	LED BODY RED FLASH 12-80VDC: 24VAC
NVSLCFG26G	LED BODY GRN FLASH 12-80VDC: 24VAC
NVSLCFG26B	LED BODY BLUE FLASH 12-80VDC: 24VAC
NVSLCFG26C	LED BODY CLR FLASH 12-80VDC: 24VAC
NVSLCSG26A	LED BODY AMBR STEADY 12-80VDC: 24VAC
NVSLCSG26R	LED BODY RED STEADY 12-80VDC: 24VAC
NVSLCSG26G	LED BODY GRN STEADY 12-80VDC: 24VAC
NVSLCSG26B	LED BODY BLUE STEADY 12-80VDC: 24VAC
NVSLCSG26C	LED BODY CLR STEADY 12-80VDC: 24VAC
NV2GG-S	NVSLC COMPACT LED GUARD

①*BODY AND LENS W/O MOUNTING BOX OR GUARD*

NVSZM XENON SERIES②

NVSZMFG01	NVS XENON BODY WITH LAMP 120VAC
NVSZMFG08	NVS XENON BODY WITH LAMP 240VAC
NVSZMFG26	NVS XENON BODY WITH LAMP 12-80VDC; 24VAC
NVSZ-LAMP	NVS XENON REPLACEMENT LAMP
NVSMA	NVS AMBER LENS & GASKET
NVSMR	NVS RED LENS & GASKET
NVSMG	NVS GREEN LENS & GASKET
NVSMB	NVS BLUE LENS & GASKET
NVSMC	NVS CLEAR LENS & GASKET
NV2GG	NVSZM MEDIUM XENON GUARD

②*BODY AND POWER SUPPLY W/LAMP*

NVS MOUNTING BOXES③

NV2XG	NVS Ceiling/Wall Mtg Box
NV2AG	NVS Pendant Box
NV2BG	NVS Wall Elbow (use with NV2XG/NV2MG Box)
NV2MG	NVS M20 Ceiling/Wall Mtg Box

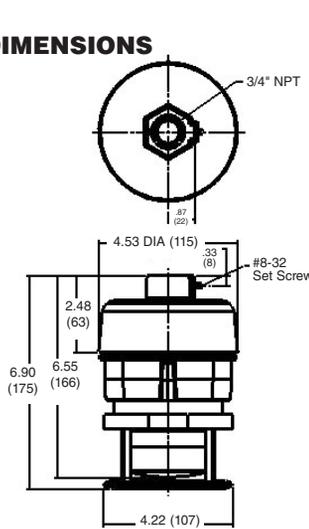③*See NV2 series page L3 for additional information.*
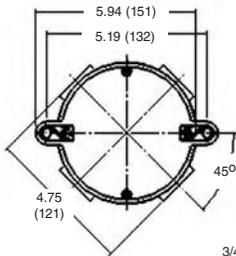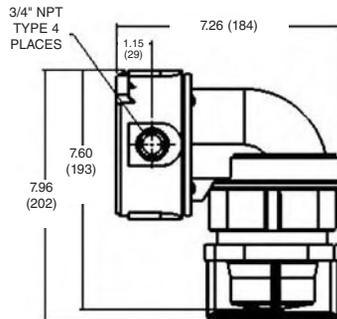
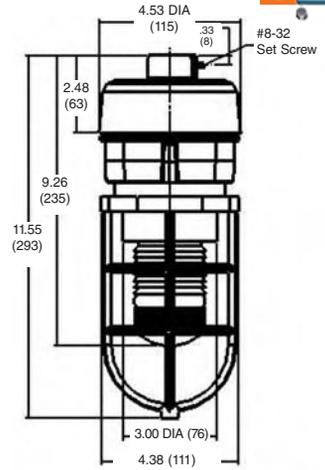**NV2GG-S Compact Guard**

NV2GG Medium Guard

DIMENSIONS
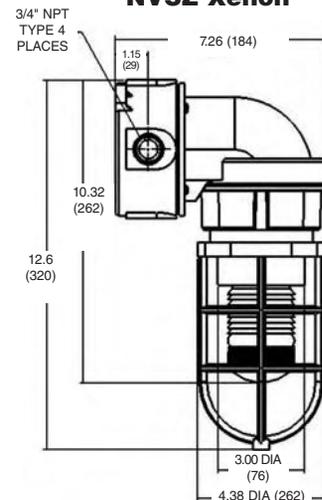
Pendant NVSL LED

Pendant NVSZ Xenon

Ceiling/Wall NVSL LED
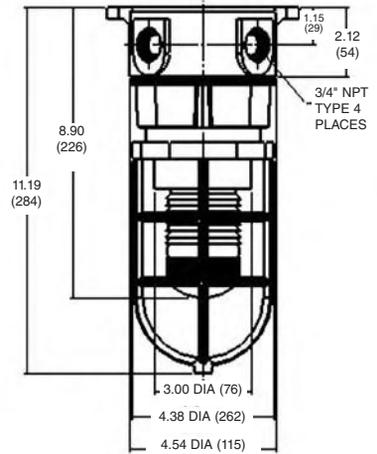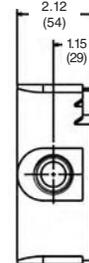
Ceiling/Wall NVSZ Xenon

Wall NVSL LED

Wall NVSZ Xenon

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