



## NON-METALLIC CORROSION RESISTANT SIGNALS



Pendant LED



Ceiling LED



Wall Xenon

**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 (US only)**

Certified - File LBJ1085



### 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 - 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	CL2 Div.1	Ambient Range
		Operating Temp. Code	Operating Temp. Code	
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
Xenon	Clear	4.8/8.2*	12.5
	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
Xenon	24VAC	198mA Flash
	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

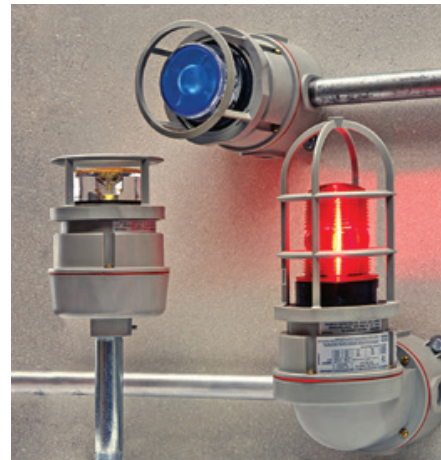
\* Lexan® is a registered trademark of General Electric.



**NON-METALLIC CORROSION RESISTANT SIGNALS**



**Down & side orientation**



**Up & side orientation**

**FEATURES-SPECIFICATIONS**

<b>NVS SERIES DESCRIPTION / CATALOG ORDERING INFORMATION</b>						
	<b>3/4" PENDANT</b>	<b>AMBER</b>	<b>RED</b>	<b>GREEN</b>	<b>BLUE</b>	<b>CLEAR</b>
<b>LED</b>	Flashing 120-240VAC Flashing 12-80VDC; 24VAC Steady 120-240VAC Steady 12-80VDC; 24VAC	NVSLCFG25AAG NVSLCFG26AAG NVSLCSG25AAG NVSLCSG26AAG	NVSLCFG25RAG NVSLCFG26RAG NVSLCSG25RAG NVSLCSG26RAG	NVSLCFG25GAG NVSLCFG26GAG NVSLCSG25GAG NVSLCSG26GAG	NVSLCFG25BAG NVSLCFG26BAG NVSLCSG25BAG NVSLCSG26BAG	NVSLCFG25CAG NVSLCFG26CAG NVSLCSG25CAG NVSLCSG26CAG
<b>XENON</b>	Flashing 120VAC Flashing 12-80VDC; 24VAC Flashing 240VAC	NVSMFG01AAG NVSMFG26AAG NVSMFG08AAG	NVSMFG01RAG NVSMFG26RAG NVSMFG08RAG	NVSMFG01GAG NVSMFG26GAG NVSMFG08GAG	NVSMFG01BAG NVSMFG26BAG NVSMFG08BAG	NVSMFG01CAG NVSMFG26CAG NVSMFG08CAG
	<b>3/4" CEILING</b>	<b>AMBER</b>	<b>RED</b>	<b>GREEN</b>	<b>BLUE</b>	<b>CLEAR</b>
<b>LED</b>	Flashing 120-240VAC Flashing 12-80VDC; 24VAC Steady 120-240VAC Steady 12-80VDC; 24VAC	NVSLCFG25AXG NVSLCFG26AXG NVSLCSG25AXG NVSLCSG26AXG	NVSLCFG25RXG NVSLCFG26RXG NVSLCSG25RXG NVSLCSG26RXG	NVSLCFG25GXG NVSLCFG26GXG NVSLCSG25GXG NVSLCSG26GXG	NVSLCFG25BXG NVSLCFG26BXG NVSLCSG25BXG NVSLCSG26BXG	NVSLCFG25CXG NVSLCFG26CXG NVSLCSG25CXG NVSLCSG26CXG
<b>XENON</b>	Flashing 120VAC Flashing 12-80VDC; 24VAC Flashing 240VAC	NVSMFG01AXG NVSMFG26AXG NVSMFG08AXG	NVSMFG01RXG NVSMFG26RXG NVSMFG08RXG	NVSMFG01GXG NVSMFG26GXG NVSMFG08GXG	NVSMFG01BXG NVSMFG26BXG NVSMFG08BXG	NVSMFG01CXG NVSMFG26CXG NVSMFG08CXG
	<b>3/4" WALL</b>	<b>AMBER</b>	<b>RED</b>	<b>GREEN</b>	<b>BLUE</b>	<b>CLEAR</b>
<b>LED</b>	Flashing 120-240VAC Flashing 12-80VDC; 24VAC Steady 120-240VAC Steady 12-80VDC; 24VAC	NVSLCFG25ABG NVSLCFG26ABG NVSLCSG25ABG NVSLCSG26ABG	NVSLCFG25RBG NVSLCFG26RBG NVSLCSG25RBG NVSLCSG26RBG	NVSLCFG25GBG NVSLCFG26GBG NVSLCSG25GBG NVSLCSG26GBG	NVSLCFG25BBG NVSLCFG26BBG NVSLCSG25BBG NVSLCSG26BBG	NVSLCFG25CBG NVSLCFG26CBG NVSLCSG25CBG NVSLCSG26CBG
<b>XENON</b>	Flashing 120VAC Flashing 12-80VDC; 24VAC Flashing 240VAC	NVSMFG01ABG NVSMFG26ABG NVSMFG08ABG	NVSMFG01RBG NVSMFG26RBG NVSMFG08RBG	NVSMFG01GBG NVSMFG26GBG NVSMFG08GBG	NVSMFG01BBG NVSMFG26BBG NVSMFG08BBG	NVSMFG01CBG NVSMFG26CBG NVSMFG08CBG



# LIGHTING

COMPONENT / REPLACEMENT PARTS	
CATALOG NO.	DESCRIPTION
<b>NVSLC LED SERIES ①</b>	
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 SERIES ②	
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
© BODY AND POWER SUPPLY W/ LAMP	

NVS MOUNTING BOXES ③	
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
© See NV2 series for additional information	

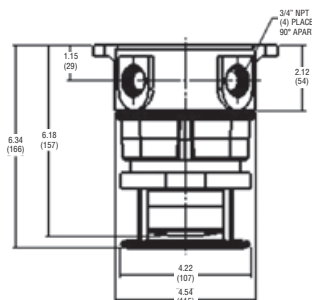
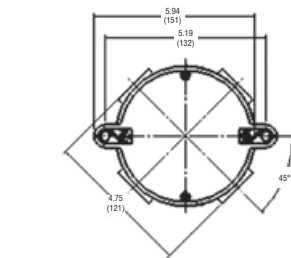


NV2GG-S  
Compact Guard

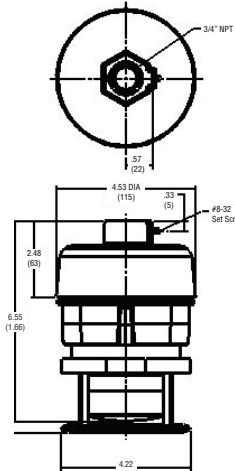


NV2GG  
Medium Guard

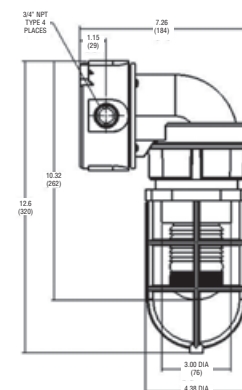
## DIMENSIONS



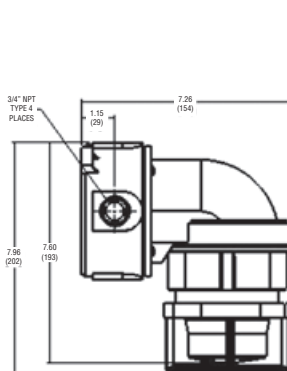
Ceiling/Wall  
NVSL LED



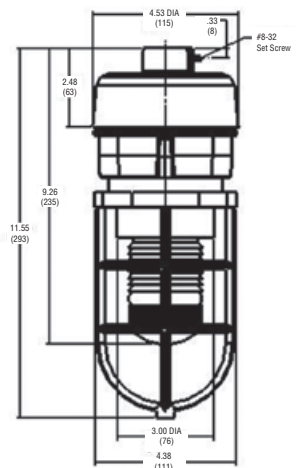
Pendant  
NVSL LED



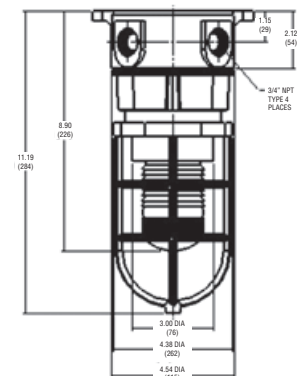
Wall  
NVSZ Xenon



Wall  
NVSL LED



Pendant  
NVSZ Xenon



Ceiling/Wall  
NVSZ Xenon