

## INSTALLATION, OPERATION & MAINTENANCE DATA SHEET FOR - 2000XL SERIES LED LUMINAIRES

**CAUTION :** Before installing luminaire, make sure luminaire complies with area classifications, failure to do so may result in bodily injury and/or property damage. Do not install where the marked operating temperature exceeds ignition temperature of hazardous atmosphere.

All installations must comply with the applicable local and /or National Electric Code.  
Make sure that the circuit is deactivated before starting installation or maintenance.

**IMPORTANT :**

1. Luminaire is to be energized in hazardous locations only after fixture body has been secured to mount and optics as indicated in this document.
2. Verify that luminaire is grounded. Failure to ground will create electrical shock hazard, which can cause serious injury and or death.

**DIRECTION FOR INSTALLATION:** ( See next page for reference)

1. First mounts (splice box) is to be installed as follows.-

**Pendant mount splice box** – Thread conduit into hub. **Do not exceed** tightening torque over 200 inch pounds. Pull supply wires with proper temperature rating indicated on the housing to be installed. Tighten set screw.

**Ceiling mount splice box** – Mount on external lugs 5.06 inch centers and use .25 in. dia. bolts (not provided) Thread conduit into hub until conduit enters inside mount. Attach locknut inside between housing and ground plate then tighten securely. **Do not exceed** tightening torque of 200 inch pounds. Pull supply wire with proper temperature ratings indicated on the housing to be installed.

**Wall mount splice box** – Attach Ceiling splice box (NV2XG or NV2MG\*) to Elbow (NV2BG) using four screws provided. Refer to the components layout for guidance. Make sure screws are tightly secured. Mount ceiling splice box with external lugs on 5.06 inch centers and use two .25 in. dia bolts (not provided). Thread conduit into hub until conduit enters inside housing. Attach locknut inside between housing and ground plate then tighten securely. **Do not exceed** tightening torque of 200 inch pounds. Pull supply wire with proper temperature ratings indicated on the housing to be installed.

**Wall mount with extension** – If using reflector, attach Ceiling splice box (NV2XG or NV2MG\*) to Extension (NVEXTG) and Elbow (NV2BG) using four long screws provided. Refer to the components layout for guidance. Make sure screws are tightly secured. Mount ceiling splice box with external lugs on 5.06 inch centers and use two .25 in. dia bolts (not provided) Thread conduit into hub until conduit enters inside housing. Attach locknut inside between housing and ground plate then tighten securely. **Do not exceed** tightening torque of 200 inch pounds. Pull supply wire with proper temperature ratings indicated on the housing to be installed.

2. Attach Housing and retaining ring to Mounted splice box – ( See next page for reference)

Connect the voltage & common leads to applicable power supply leads\*\* in housing by means of appropriate wire connectors. Attach ground supply lead from mount (when provided) to supply ground.

Use four screws provided to attach housing and gasket retaining ring to mounting splice box. Keep screws securely tight. Attach reflector (if needed) and screw guard tightly on to housing.

NOTE - \* NV2MG ceiling box for Metric applications (M20)

\*\* For DC operating strobe (12V DC to 80V DC) -Connect Red Lead to Positive (+) & Black Lead to Negative (-) of Supply.  
DC Strobe also operates at 24VAC; connect power to either red or black lead.

\*\* For AC operating strobes (120 through 240V, 50/60 Hz.) - Connect Black leads to power supply.

**OPERATIONS :**

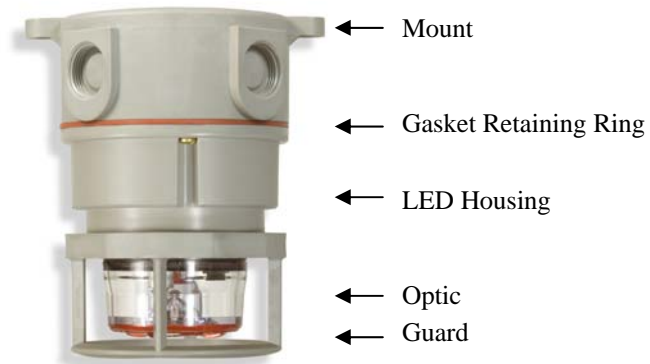
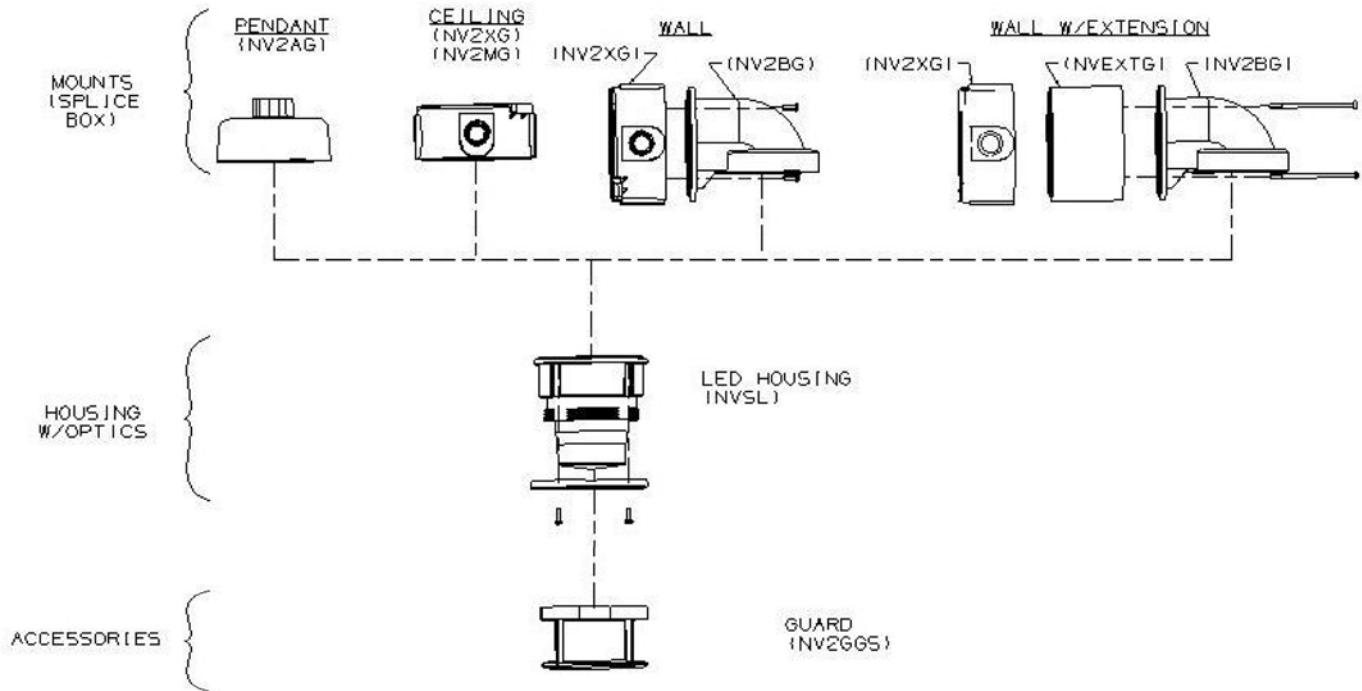
To operate the unit, turn on the power required to verify operation. No adjustments to make flash rate or intensity are needed.

**MAINTENANCE :**

Unit may be cleaned routinely with mild soap and water.

Test the system at regular intervals to ensure that it is operating safe and properly.

## 2000XL SERIES LED SIGNAL LUMINAIRE COMPONENTS



**TYPICAL LED ASSEMBLY**

### **REMEMBER TO SAVE THESE SHEETS FOR MAINTENANCE PERSONNEL**

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