

# Installation Instructions

## NLRS-6

### 6" Slope LED Retrofit

**READ PRIOR TO ATTEMPTING INSTALLATION**  
**ALWAYS TURN OFF MAIN POWER BEFORE INSTALLATION**  
**INSTALLATION SHOULD BE CARRIED OUT BY YOUR LOCAL ELECTRICIAN**

**⚠ WARNING** - These products may represent a possible shock or fire hazard if improperly installed or attached in any way. Products should be installed in accordance with these instructions, current electrical codes and/or the current National Electric Code (NEC).

**⚠ CAUTION** - To reduce risk of fire, electric shock or injury to persons:

1. Make sure that the electrical power to the fixture is disconnected prior to any installation or retrofit.
2. This light is suitable for damp locations.
3. Use with sloped 6" recessed cans (recessed housing) only. Do not attempt to alter for other sizes or purposes.
4. For best dimming results, use standard incandescent wall dimmers in a branch circuit that is supplied with 120V AC power.

**⚠ WARNING** - Risk of fire or electric shock. Install these kits only in luminaires that have the construction features and dimensions shown in the illustrations here in (sloped 6" recessed housings). Confirm this before installation by checking the interior of the housing for a manufacturer's part number and specifications; or measure the diameter of the housing. The recessed housing must have a minimum measured inside diameter (opening) of 6 1/4"; maximum diameter of 6 1/2"; minimum inside clearance of 6 3/4".

**DO NOT MAKE OR ALTER ANY OPEN HOLES IN A WIRING ENCLOSURE NOR IN ANY ELECTRICAL COMPONENTS DURING KIT INSTALLATION!**

**⚠ WARNING** - Risk of fire or electric shock. Kit installation requires knowledge of recessed lighting luminaires electrical systems. If not qualified, do not attempt installation. Contact a qualified electrician. Do not use these products in luminaires located where elevated ambient temperatures exist.

**⚠ WARNING** - To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or other sharp objects.

**⚠ WARNING** - Risk of fire or electric shock. The electrical rating of this product is 120V AC. The installer must determine whether power supply is 120V AC at the luminaire before installation.

**⚠ WARNING** - Risk of fire or electric shock. Luminaire's wiring, ballast(s), or other electrical parts may be damaged when drilling for installation of reflector kit hardware. If drilling is required in any installation, check for enclosed wiring and components and be careful to protect them from any harm. To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or other sharp objects.

**THIS PRODUCT MUST BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE INSTALLATION CODE BY A PERSON FAMILIAR WITH THE CONSTRUCTION AND OPERATION OF THE PRODUCT AND THE HAZARDS INVOLVED.**

Each fixture includes a socket adapter for use with a standard 120V medium (E26) base socket adapter.

**⚠ WARNING** - Risk of fire or electric shock. LED retrofit kit installation requires knowledge of luminaires electrical systems. If not qualified, do not attempt installation. Contact a qualified electrician.

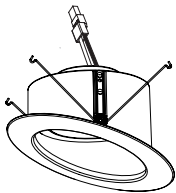
**⚠ WARNING** - Risk of fire or electric shock. Install this kit only in luminaires that have the construction features and dimensions shown in the photographs and/or drawings and where the input rating of the retrofit kit does not exceed the input rating of the luminaire.

**THIS RETROFIT KIT IS ACCEPTED AS A COMPONENT OF A LUMINAIRE WHERE THE SUITABILITY OF THE COMBINATION SHALL BE DETERMINED BY AUTHORITIES HAVING JURISDICTION.**

Please examine all parts that are not intended to be replaced by the retrofit kit for damage and replace any damaged parts prior to installation of the retrofit kit.



### PACKAGING CONTENTS



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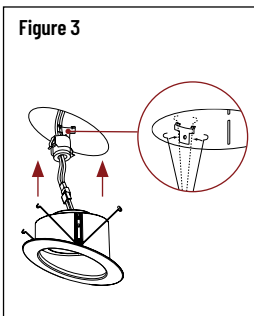
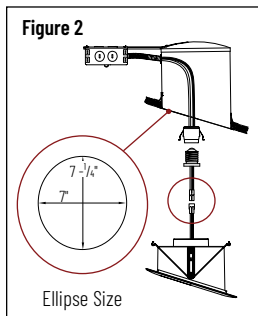
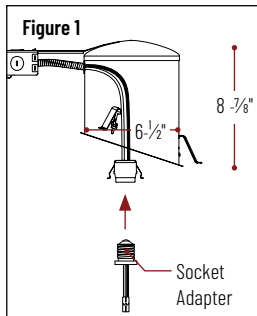
Medium Base Socket Adapter



LED Lamp Replacement Marking Sticker

### MEDIUM BASE SOCKET INSTALLATION

1. Please make sure to adjust the inner can to become flush with the room-side ceiling level.
2. Make sure that the power supply is shut off before removal of existing fixture or installation of retrofit.
3. Remove existing lamp, trim, and socket plate from housing.
4. Screw E26 medium base socket adapter into existing socket on housing (Figure 1).
5. Fit female orange connector into male orange connector (Figure 2).
6. Push fixture into housing on ceiling gently. (Figure 3).



### QUICK CONNECT INSTALLATION

1. Connect orange female connector to male connector and ground wire of the fixture to housing. (Figure 1)  
**⚠ IMPORTANT:** Connector is not intended to support weight of the fixture. Please support fixture at all times.
2. Squeeze in torsion springs together and insert into holder in the housing. (Figure 2)

