

# Installation Instructions

NPR-4RTLA

## 4" Pearl 120V LED Round Trimless Adjustable Retrofit

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

- ⚠ **WARNING:** Risk of fire or electric shock. Installation of this retrofit assembly requires a person familiar with the construction and operation of the luminaire's electrical system and the hazard involved. If not qualified, do not attempt installation. Contact a qualified electrician.
- ⚠ **WARNING:** Risk of fire or electric shock. Install this kit only in the luminaires that has the construction features and dimensions shown in the photographs and/or drawings.
- ⚠ **WARNING:** To prevent wiring damage or abrasion, do not pinch or damage expose wiring during installation. Keep away from to edges of sheet metal or other sharp objects
- ⚠ **WARNING:** Risk of fire or electric shock. Do not alter, relocate, or remove wiring, lampholders, power supply, or any other electrical component.

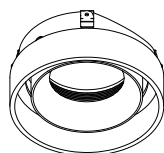
**DO NOT MAKE OR ALTER ANY OPEN HOLES IN AN ENCLOSURE OF WIRING OR ELECTRICAL COMPONENTS DURING KIT INSTALLATION.**

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

- ⚠ **AVERTISSEMENT:** Risque d'incendie ou de choc électrique. L'installation de cet ensemble de rénovation nécessite une personne familiarisée avec la construction et le fonctionnement du système électrique du luminaire et les risques encourus. S'il n'est pas qualifié, n'essayez pas d'installer. Contacter un électricien qualifié.
- ⚠ **AVERTISSEMENT:** Risque d'incendie ou de choc électrique. Installez ce kit uniquement dans les luminaires qui ont les caractéristiques de construction et les dimensions indiquées sur les photographies et / ou les dessins.
- ⚠ **AVERTISSEMENT:** Pour éviter d'endommager ou d'abrasion le câblage, ne pas pincer ou endommager le câblage pendant l'installation. Tenir à l'écart des bords de la tôle ou d'autres objets tranchants
- ⚠ **AVERTISSEMENT:** Risque d'incendie ou de choc électrique. Ne modifiez pas, ne déplacez pas ou n'enlevez pas le câblage, les douilles de lampe, l'alimentation électrique ou tout autre composant électrique.



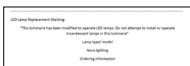
### PACKAGING CONTENTS



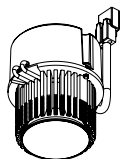
Trim



Male Ideal®  
Quick Connect



LED Lamp Replacement  
Marking Sticker



Pearl LED module/retrofit kit  
Flood optic (NIO-REFL60) installed



Medium Base  
Socket Adapter

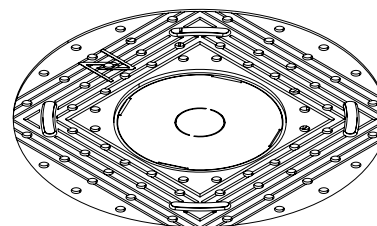


Narrow Flood Optic  
(NIO-REFL38)



Spot Optic  
(NIO-REFL25)

### REQUIRED, BUT NOT INCLUDED



NPR-TLMR-4R (4") or NPR-TLMR-6R (6")  
Mud Ring

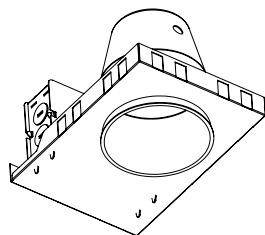


### HOUSING DIMENSIONS

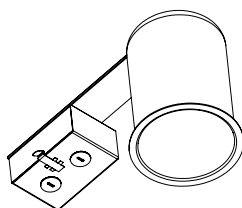
Refer to correlation label of luminaire and/or specification sheet at <https://noralighting.com/npr-4rtla>

Install this kit only in luminaires that have the construction features and dimensions described in these instructions, and where the input rating of the retrofit kit does not exceed the input rating of the luminaire.

**Max. Number of 12AWG through branch wiring: 8**



New Construction



Remodel

	4" Housing Dimensions	6" Housing Dimensions
Max. Branch Circuit Conductor	6 / 8 x 12AWG	
Width	4.03"	6.05"
Height	5.50"	5.51"

# Installation Instructions

NPR-4RTLA

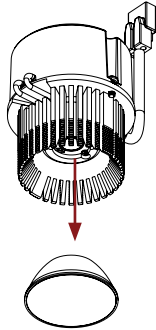
4" Pearl 120V LED Round Trimless Adjustable Retrofit

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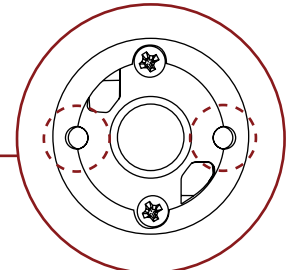
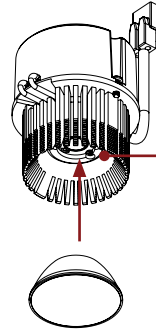
## INSTALLING DESIRED OPTIC

NOTE: FLOOD OPTIC IS PRE-INSTALLED

- 1 Pull pre-installed flood optic from heat sink.

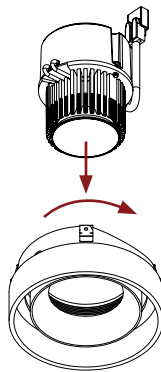


- 2 Align desired optic to module and push the optic into place.



Align optic feet to module

- 3 Attach LED module/driver and optic onto trim by threading heatsink.



# Installation Instructions

NPR-4RTLA

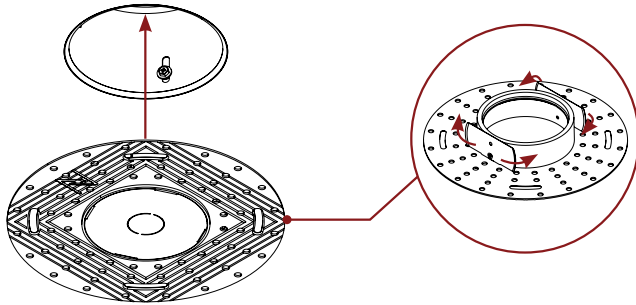
4" Pearl 120V LED Round Trimless Adjustable Retrofit

READ PRIOR TO ATTEMPTING INSTALLATION  
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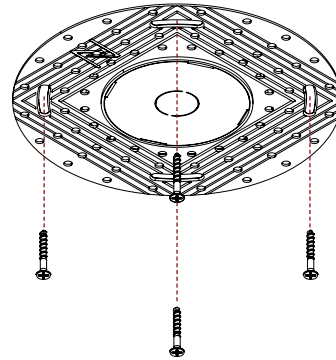
## INSTALLATION INTO LED HOUSINGS

REQUIRES: NPR-TLMR-4R OR NPR-TLMR-6R

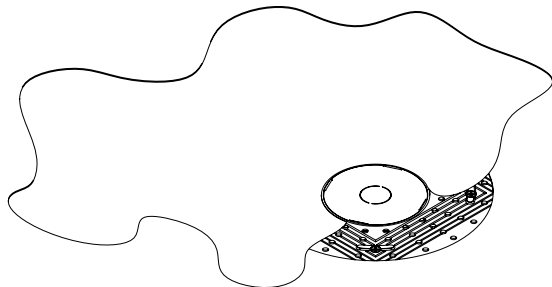
- 1** Align mud ring to opening. Squeeze friction blades on mud ring and push mudring flush against ceiling.



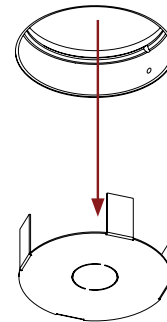
- 2** Fasten mud ring to drywall using #8 self tapping drywall/sheet metal screws. (screws not included)



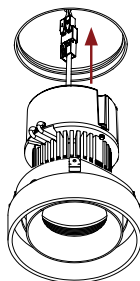
- 3** A professional drywall finisher should complete mud in.



- 4** Allow paint to dry and carefully remove cover.



- 5** **⚠ IMPORTANT:** Connector is not intended to support weight of the fixture. Please support fixture at all times. Connect orange male connector to female connector of compatible housing listed on the correlation label.



- 6** Insert trim into mud ring, make sure it snaps flush. Turn power back on.



# Installation Instructions

NPR-4RTLA

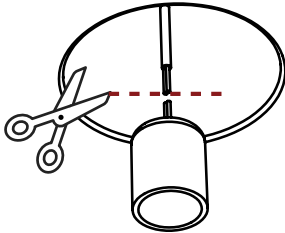
4" Pearl 120V LED Round Trimless Adjustable Retrofit

READ PRIOR TO ATTEMPTING INSTALLATION  
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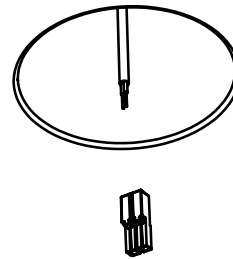
## INSTALLATION INTO LED HOUSINGS AS LED CONVERSION

REQUIRES: NPR-TLMR-4R OR NPR-TLMR-6R

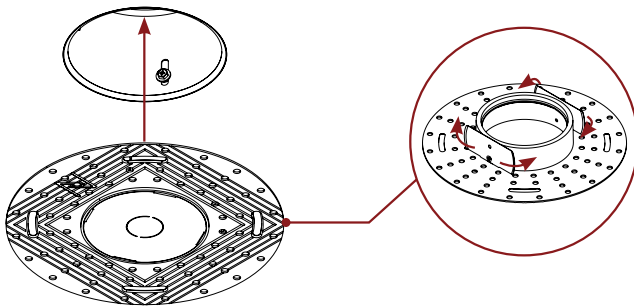
- 1** Remove existing trim and light bulb from the recessed housing to reveal the medium base socket. If applicable, remove socket from plate. Place the LED Lamp Replacement Marking Sticker inside the housing where visible to the installer. Cut medium base socket cable off existing housing.



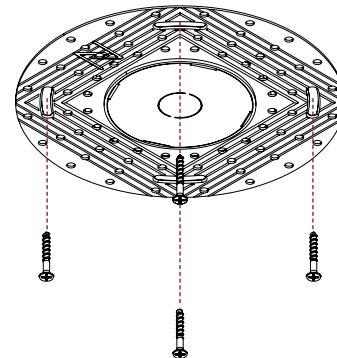
- 2** Install male quick connect provided.



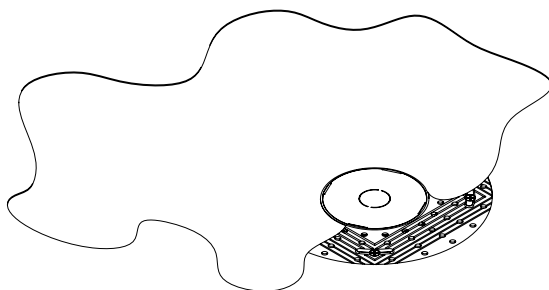
- 3** Align mud ring to opening. Squeeze friction blades on mud ring and push mudring flush against ceiling.



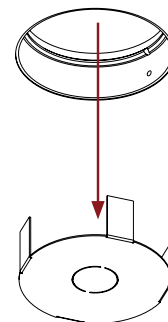
- 4** Fasten mud ring to drywall using #8 self tapping drywall/sheet metal screws. (screws not included)



- 5** A professional drywall finisher should complete mud in.



- 6** Allow paint to dry and carefully remove cover.



# Installation Instructions

NPR-4RTLA

4" Pearl 120V LED Round Trimless Adjustable Retrofit

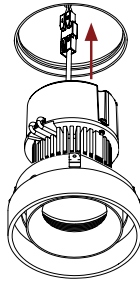
READ PRIOR TO ATTEMPTING INSTALLATION  
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## INSTALLATION INTO LED HOUSINGS AS LED CONVERSION

REQUIRES: NPR-TLMR-4R OR NPR-TLMR-6R

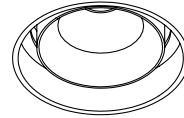
1

**⚠ IMPORTANT:** Connector is not intended to support weight of the fixture. Please support fixture at all times. Connect orange male connector to female connector of compatible housing listed on the correlation label.



2

Insert trim into mud ring, make sure it snaps flush. Turn power back on.



# Installation Instructions

NPR-4RTLA

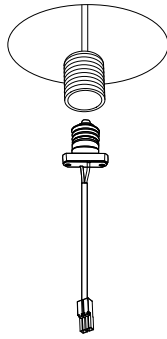
4" Pearl 120V LED Round Trimless Adjustable Retrofit

READ PRIOR TO ATTEMPTING INSTALLATION  
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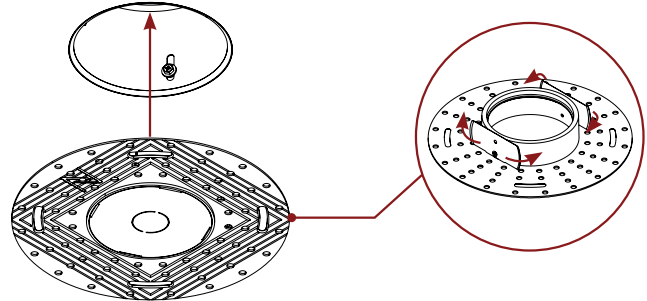
## INSTALLATION INTO LED HOUSINGS AS LED LAMP REPLACEMENT

REQUIRES: NPR-TLMR-4R OR NPR-TLMR-6R

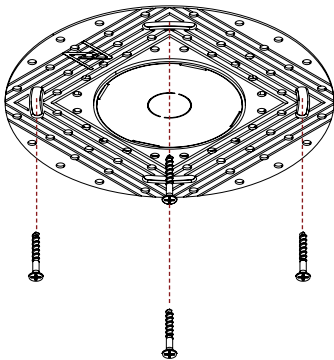
- 1** Remove existing trim and light bulb from the recessed housing to reveal the medium base socket. If applicable, remove socket from plate. Place the LED Lamp Replacement Marking Sticker inside the housing where visible to the installer. Screw medium base socket adapter into medium base socket.



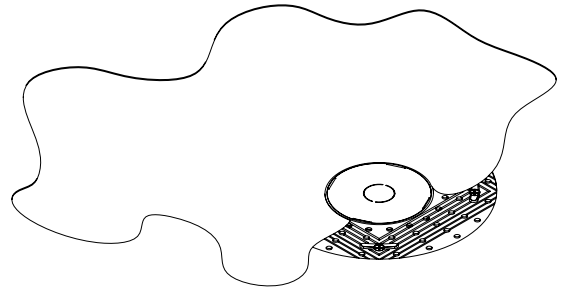
- 2** Align mud ring to opening. Squeeze friction blades on mud ring and push mudring flush against ceiling.



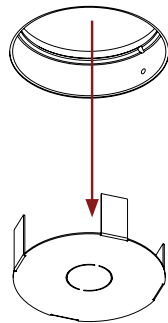
- 3** Fasten mud ring to drywall using #8 self tapping drywall/sheet metal screws. (screws not included)



- 4** A professional drywall finisher should complete mud in.



- 5** Allow paint to dry and carefully remove cover.



- 6** **⚠ IMPORTANT:** Connector is not intended to support weight of the fixture. Please support fixture at all times. Connect orange male connector to female connector. Insert trim into mud ring, make sure it snaps flush. Turn power back on.

