

Installation Instructions

NLCBC

Cobalt Retrofit Adjustable Reflectors

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 qualified electrician.

⚠ AVERTISSEMENT - Risque d'incendie ou d'électrocution. Ne modifiez pas, ne déplacez pas et n'ôtez pas le câblage, les porte-lampe, le bloc d'alimentation ou tout autre composant électrique.

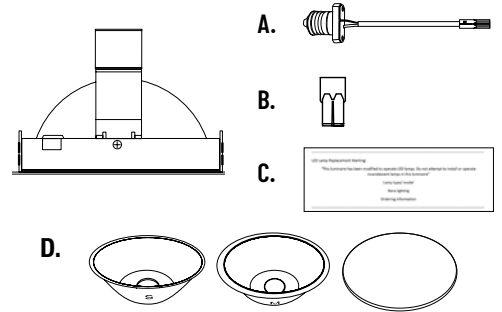
⚠ WARNING - To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or other sharp objects.

⚠ AVERTISSEMENT - Afin d'éviter tout endommagement ou abrasion du câblage, ne mettez pas en contact le câblage avec les arêtes de la tôle ou d'autres objets tranchants.

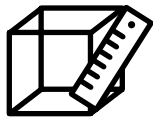
THIS RETROFIT KIT IS ACCEPTED AS A COMPONENT OF A LUMINAIRE WHERE THE SUITABILITY OF THE COMBINATION SHALL BE DETERMINED BY AUTHORITIES HAVING JURISDICTION.



PACKAGING CONTENTS



- a. Medium-base socket adapter
- b. Male Ideal[®] connector
- c. LED Lamp Replacement Marking Sticker
- d. Accessories:
 - Spot reflector
 - Medium reflector
 - Semi-Frosted Lens



HOUSING DIMENSIONS

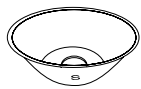
	4"	5"	6"
Height	5-1/2"	6"	5-1/2"
Width	4-1/8"	5-3/8"	6-1/8"

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.

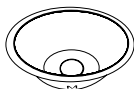
Refer to correlation label of luminaire and/or specification sheet at www.NoraLighting.com

CHANGING REFLECTORS / LENS:

1. Hold / secure the Cobalt Adjustable dome to prevent it from rotating and turn the innermost ring counter-clockwise (towards left) to loosen the ring.
2. Swap the lens / reflectors and install the ring back to its place.
3. Turn the ring clockwise (towards right) to tighten.



Spot Reflector



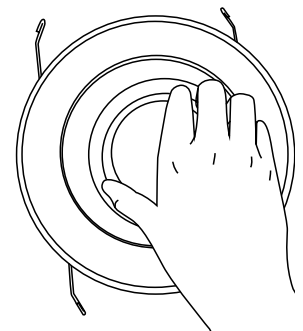
Medium Reflector



Semi-Frosted Lens

Reflectors	Spot (S)	Medium (M)	Flood (F)
Estimated Beam Angle	20°	50°	85°

NOTE: Spot and medium reflectors need to be equipped with semi-frosted lens. (included in accessory box)



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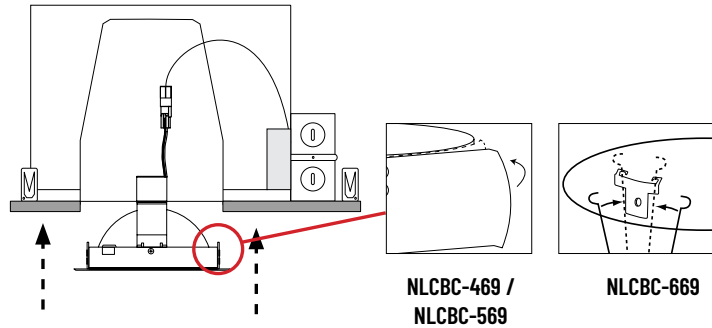
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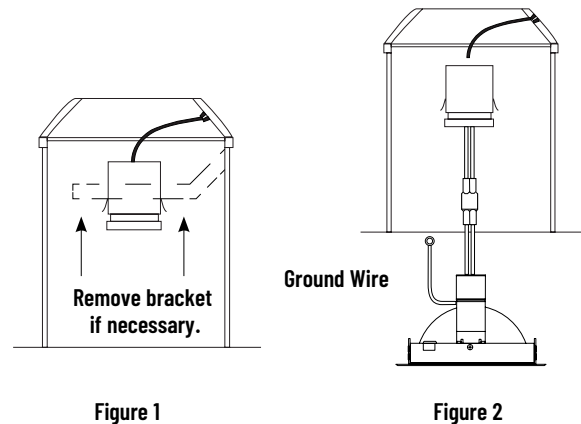
FOR LED DEDICATED HOUSINGS:

1. Connect orange female connector to male connector. **⚠ IMPORTANT:** Connector is not intended to support weight of the fixture. Please support fixture at all times.
When using Nora housings, attaching ground wire not required. For non-Nora housings, attach ground wire if required.
2. NLCBC-469 & NLCBC-569: Squeeze friction blades on reflector and carefully push fixture into the housing.
NLCBC-669: Squeeze torsion springs on reflector and insert into holder in the housing.



FOR RETROFIT HOUSINGS:

1. Place provided LED Lamp Replacement Marking Sticker inside the housing where visible to installer.
 2. If necessary, remove medium-base mounting bracket only to provide room for fixture to be installed fully and properly into the housing. (Figure 1)
 3. Attach Medium-base socket adapter (included) to housing and reflector. (Figure 2)
 4. Aim fixture straight down or angle towards a focal point.
- ⚠ IMPORTANT:** Do not make or alter any open holes in an enclosure of wiring or electrical components during kit installation.



FOR RETROFIT HOUSINGS (OPTIONAL):

1. Place provided LED Lamp Replacement Marking Sticker inside the housing where visible to installer.
2. Cut Medium-base socket adapter (Figure 3)
3. Replace with male Ideal connector (included) (Figure 4)
4. Connect orange female connector to male connector.
5. NLCBC-469 & NLCBC-569: Squeeze friction blades on reflector and carefully push fixture into the housing.
NLCBC-669: Squeeze torsion springs on reflector and insert into holder in the housing.

