RECESSED LIGHTING - 4" LED COB SERIES

Item#	Description
NLCBC-451	4" LED, Self Flanged Reflector (Wet)
NLCBC-452	4" LED, Self Flanged Baffle (Wet)
NLCBC-453	4" LED, Squared Round (Wet)
NLCBC-455	4" LED, Squared Pinhole(Wet)
NLCBC-456	4" LED, Squared Regressed (Wet)

INSTALLATION SHOULD BE CARRIED OUT BY YOUR LOCAL ELECTRICIAN.

ALWAYS TURN OFF MAIN POWER BEFORE INSTALLATION

PLEASE READ: Important Information Before installation

- IMPORTANT- Risk of fire or electric shock. Installation of this retrofit assembly requires a person familiar with the construction and operation of the luminaires electrical system and the hazard involved. If not qualified, do not attempt installation. Contact a qualified electrician
- IMPORTANT- 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
- IMPORTANT- 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
- IMPORTANT- Risk of fire or electric shock. Do not alter, relocate, or remove wiring, lampholders, power supply, or any other electrical component.
- This luminaire is intended for installation in accordance with the National Electrical Code and local regulations.
- LED Retrofit Diamond Series is designed to install in typical 4" recessed IC or Non-IC downlight housings with 120V AC line using standard medium base sockets.
- . Do not attempt to install or use NLCBC-4 until you read and understand the installation instructions and safety labels.
- Verify power is off before installing or un-installing.
- Do not use NLCBC-4 if the lens, housing, socket, or power cables of the recessed housing it would be inserted into are damaged.
- · The modules have line voltage risk of shock and no user serviceable parts. Do not attempt to open them.
- Do not exceed the specified voltage and current input (refer to the specification sheet).
- Do not hot swap NLCBC-4 modules.
- Avoid looking directly into light beam as the high brightness beam may damage eyes.
- Nora Lighting's limited warranty applies only to Nora Lighting's NLCBC-4 module.
- 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.
- Do not make or alter any open holes in an enclosure of wiring or electrical components during kit installation.
- Please retain these instructions for maintenance reference.

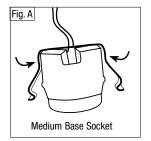
Installation Instructions:

- Make sure power is off. <u>NOTE</u>: The orange connector between the screw-in socket and LED unit is not intended to support the weight of unit. Please support unit at all times.
- If the housing that you intend to put the retrofit into has a mounting clip holding the socket, please ensure you remove the mounting clip from the socket to provide extra room for the retrofit. (Fig. A)
- 3. Remove NLCBC-4 from its packaging. Determine installation Application.

Retrofitting an Existing Housing & Trim: Remove existing trim and SB CFL/Incandescent bulb from the recessed housing to reveal the medium base socket. Remove socket from mounting clip (Limited to mounting clip). Connect the screw-in socket to the revealed socket or for hardwire installation cut-off existing screw-in socket of LED Retro and existing socket of housing and join wires maintaining polarity using the enclosed connector (Fig. 1). The connector can be separated into 2 pieces. Mount the male portion of connector to the wires from the housing and female portion to the wires of the LED module maintaining polarity. NOTE: Do not strip the wire more than 1/4". (Fig. 2)

New Construction or Remodel using Nora Dedicated Housing: Connect the Dedicated connector of the LED module to the Dedicated connector of Nora's housing. (Fig. 2)

- 4. Connect ground wire inside the recessed housing. (Fig. 3)
- 5. Squeeze friction blades towards unit and install into recessed housing. (Fig. 4)
- 6. Carefully route wires into fixture and push module up flush to ceiling surface.
- 7. Turn power back on.



Remove mounting clip.

