Fixtures are listed for insulated ceilings—Type IC, airtight—AT and for suspended ceilings—Type S. To ensure safe and reliable operations, make sure the fixture corresponds to the proper ceiling installation. Read the following material carefully before beginning installation. In general these instructions apply to “round” housings. Drawings of “round” housings have been used to illustrate installation procedures. Before attempting installation of any recessed lighting fixture check your local electrical code. This code sets the wiring standards for your locality and should be carefully studied before starting work.

INSULATED CEILINGS - TYPE IC
Insulated Ceiling
The insulated ceiling or IC approved recessed fixture is one that can be installed in direct contact with insulation.

SUSPENDED CEILINGS - TYPE S
Fixture can be installed in suspended ceilings that are not permanent or insulated.

AIR TIGHT INSTALLATION
Nora housings certified under ASTM E283 are supplied with a pre-installed gasket or supplied with a ready-to-install self adhesive gasket.

1. Lay gasket flat and peel protective paper backing from gasket to expose adhesive side.
2. Apply supplied gasket to ceiling lip and wrap gasket around inside of housing with a ready-to-install self adhesive gasket.

NOTE ON GROUNDING:
1. If mounting to a T-Bar type ceiling, mount fixture onto grid by placing notches on the bottom of each end of the bar hanger over the grid.
2. Tie fixture to grid with structural wire going through both the circular knockout on the end of the bar hanger and nearest accompanying knockout on the ceiling grid.

FIRE/ELECTRICAL HAZARD: INSTALL ACCORDING TO NATIONAL ELECTRIC CODE AND ANY APPLICABLE MUNICIPAL CODE REQUIREMENTS.
This equipment is intended to be installed only by qualified personnel. The installation must be made in accordance with the current edition to the National Electric Code and all applicable state and local building codes. The final installation must be approved by the appropriate qualified electrical/building inspector(s). Improper installation may result in a fire or electrical hazard. Be sure the electrical power to the circuit has been disconnected before installing this electrical system.

FEU / RISQUE ÉLECTRIQUE: INSTALER SELON AU CODE ÉLECTRIQUE NATIONAL ET LES EXIGENCES DE CODE MUNICIPAUX APPLICABLES.

IMPORTANT RISK OF FIRE:
Most dwellings built before 1985 have supply wire rated 60ºC (thermal cutoffs in fixtures operate at 90ºC); consult a qualified electrician before installing. If supply wires are located within three inches of fixture, use wire rated for at least 90ºC. Contact technical support at 1-800-686-6672 for additional details.

IMPORTANT-RISQUE D’INCENDIE:
La plupart des logements construits avant 1985 ont le fil d’alimentation nominale de 60ºC (disjoncteurs thermiques dans les appareils fonctionnent à 90ºC); consultez un électricien qualifié avant l’installation. Si les fils d’alimentation sont situés à moins de trois pouces de l’appareil, l’utilisation de fil résister au moins à 90ºC. Contactez le support technique au 1-800-686-6672 pour plus de détails.
Installation Instructions
NSIC-4LMRAT
IC Air-Tight LED Dedicated New Construction Housing

ELECTRICAL CONNECTIONS:

1. Connect 3/2 inch trade size steel conduit to junction box with appropriate fitting. If using Romex-type shielded wiring, use rectangular pry-out strain reliefs located on upper corners of junction box.

2. Connect wires accordingly:
   - Black - Supply Voltage
   - White - Neutral
   - Green / Copper Wire - Grounding Junction Box Wire

NOTE ON GROUNDING: Many structures carry grounding via steel conduit. If this is the case, if there is no grounding wire, simply leave green wire on fixture unattached. Fixture will be grounded through attachment of conduit to junction box. However, if Romex or PVC conduit is used, ground wire will always be present, and must be connected to green wire on fixture junction box to avoid electrical shock hazard.

120V CONNECTION:

- White - Neutral
- Black - Live
- Green - Ground