NHAP-3R

3" Apollo Round Non-IC Air-Tight Housing with Field Changeable Optic

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

Fixtures are listed for non-insulated ceilings (Non-IC) where a minimum of clearance of 3" from thermal insulation and 1/2" from combustible material from above the fixture, airtight (AT) and for suspended ceilings. To insure 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.

NON-INSULATED CEILINGS (NON-IC)

A minimum clearance of 3" from thermal insulation and $\frac{1}{2}$ " from combustible material from above the fixture.

SUSPENDED CEILINGS

Fixture can be installed in suspended ceilings that are not permanent or insulated.

AIRTIGHT INSTALLATION

Nora housings certified under ASTM E283 are supplied with a pre-installed gasket or supplied with a readyto-install self adhesive gasket.

Step 1. Lay gasket flat and peel protective paper backing from gasket to expose

Step 2. Apply supplied gasket to ceiling lip and wrap gasket around inside of housing to form seal of the ceiling opening or apply caulk per state/local code. When properly installed, Nora housings provide compliance with restricted air-flow

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.

For additional details, contact technical support at 800.686.6672.

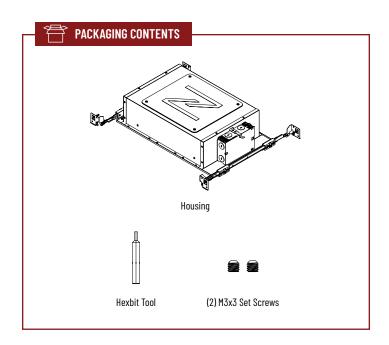
FEU / RISQUE ÉLECTRIQUE: INSTALLER SELON AU CODE ÉLECTRIQUE NATIONAL ET LES EXIGENCES DE CODE MUNICIPAUX APPLICABLES.

Cet équipement est destiné à être installé par un personnel qualifié. L'installation doit être faite conformément à l'édition actuelle du Code national de l'électricité et tous les codes d'état et de construction locaux applicables. L'installation finale doit être approuvée par l'inspecteur en électricité / bâtiment qualifié approprié (s). Une mauvaise installation peut provoquer un incendie ou un risque électrique. Assurez-vous que l'alimentation électrique du circuit a été coupée avant l'installation de ce système électrique. Pour plus de détails, contactez le support technique au 800.686.6672.

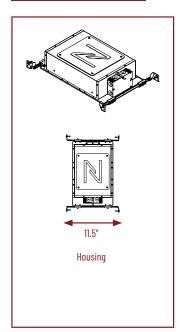
Most dwellings built before 1985 have supply wire rated 60° C (thermal cutoffs in fixtures operate at 90° C); consult a qualified electrician prior to installation. If supply wires are located within three inches of fixture, use wire rated for at least 90°C. Contact technical support at 1-800-686-6672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

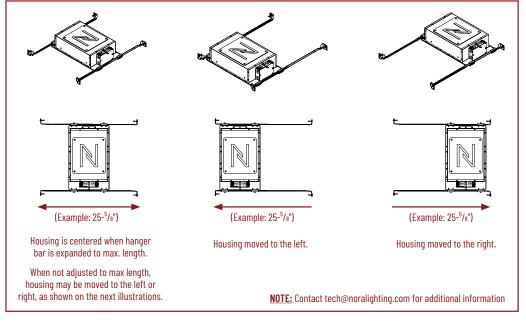
IMPORTANT-RISQUE D'INCENDIE:

La plupart des logements construits avant 1985 ont le fil d'alimentation nominale de 60°C (disjoncteurs thermiques $dans \ les \ appareils \ fonctionnent \ \grave{a}\ 90°C); \ consultez \ un \ \acute{e}lectricien \ qualifi\'e \ avant \ l'installation. \ Si \ les \ fils \ d'alimentation$ sont situés à moins de trois pouces de appareil, l'utilisation de fil résister au moins à 90°C. Contactez le support technique au 1-800-686-6672 pour plus de détails.



BAR HANGER ADJUSTMENT





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NHAP-3R

3" Apollo Round Non-IC Air-Tight Housing with Field Changeable Optic

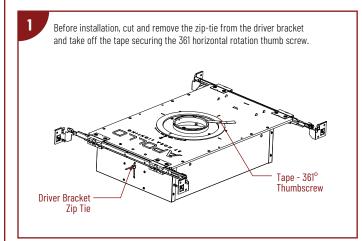
READ PRIOR TO ATTEMPTING INSTALLATION
ALWAYS TURN OFF MAIN POWER BEFORE INSTALLATION
INSTALLATION SHOULD BE CARRIED OUT BY YOUR LOCAL ELECTRICIAN

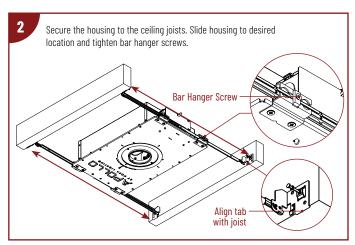
IMPORTANT - This equipment is intended to be installed only by qualified personnel. The installation must be made in accordance with the current edition of the National Electrical Code and all applicable state and local building codes. The final installation must be approved by the appropriate, qualified 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.

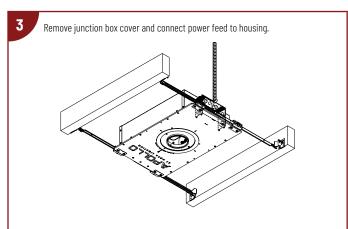
IMPORTANT - Cet équipement est destiné à être installé uniquement par du personnel qualifié. L'installation doit être faite conformément à l'édition actuelle du Code national de l'électricité et à tous les codes de construction locaux et nationaux applicables. L'installation finale doit être approuvée par un ou plusieurs inspecteurs qualifiés en électricité / bâtiment. Une installation incorrecte peut entraîner un incendie ou un risque électrique. Assurez-vous que l'alimentation électrique du circuit a été déconnectée avant d'installer ce système électrique.

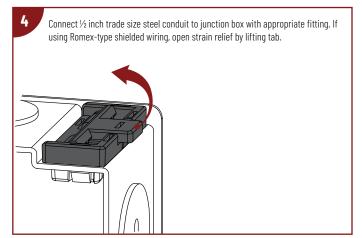
HOUSING INSTALLATION

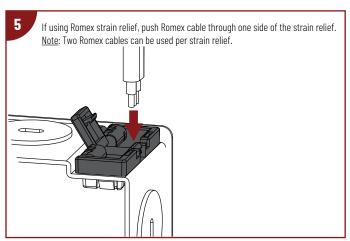
A TURN OFF MAIN POWER BEFORE INSTALLATION











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NHAP-3R

3" Apollo Round Non-IC Air-Tight Housing with Field Changeable Optic

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

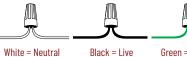
HOUSING INSTALLATION (CONTINUED)

Connect wires according to NEC codes. Note: Maximum of 8 no. 12 AWG through branch circuit conductors suitable for at least 90°C permitted in junction box, AC ONLY.

- Black = Supply Voltage
- White = Neutral
- Green = Ground

0-10V Wiring: (cap off if not used)

- Purple = Dim (+)
- Pink or Grey = Dim (-)





Pink or Grey = Dim (-)

- **DALI Wiring:**
- Grey = DA





Lutron EcoSystem Wiring:

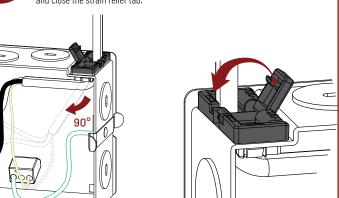
- Purple = E1
- Purple/White = E2

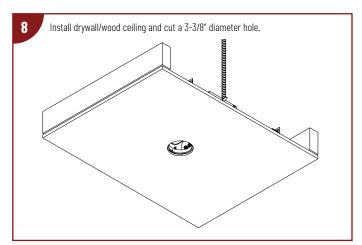




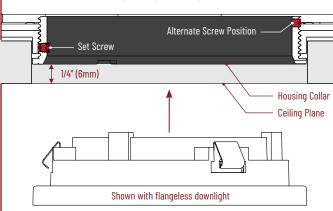
If using Romex strain relief, make a 90° shaped bend in Romex cable after wiring and close the strain relief tab.

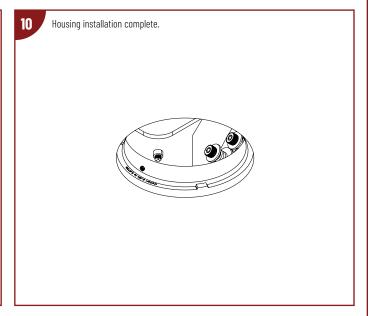
Purple = Dim (+)





Adjust collar height, leave 6mm (1/4") gap from the bottom of the ceiling to bottom of the collar. Tighten set screws to fix collar height in place. (NOTE: Collars have two set screw positions, depending on ceiling thickness) ▲ CAUTION: Ensure proper collar range is installed, if improper collar range is installed, remove existing collar by unscrewing the collar out. **Alternate Screw Position** Set Screw 1/4" (6mm)





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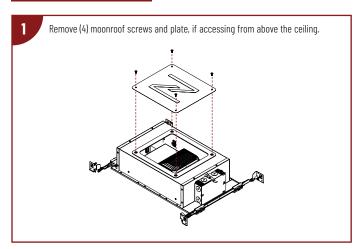
NHAP-3R

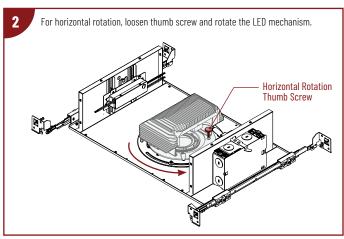
3" Apollo Round Non-IC Air-Tight Housing with Field Changeable Optic

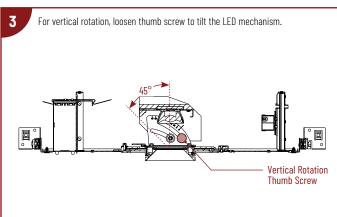
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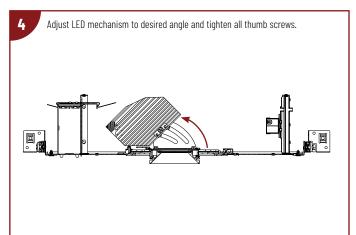
ADJUSTING LED MECHANISM

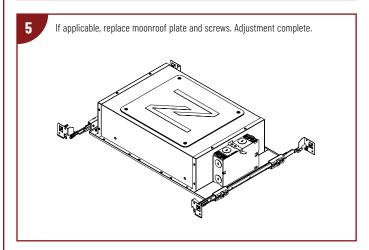












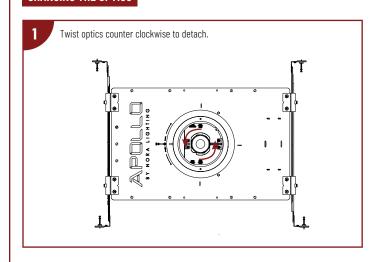
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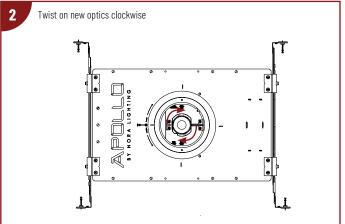
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CHANGING THE OPTICS

A TURN OFF MAIN POWER BEFORE INSTALLATION

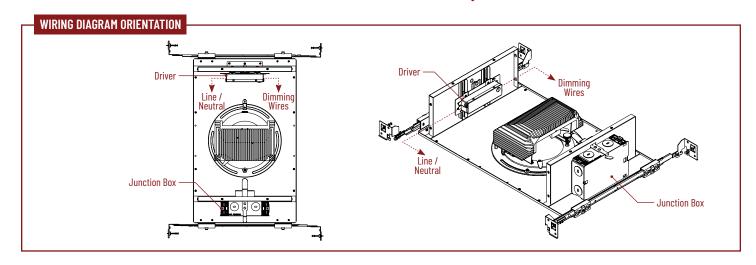


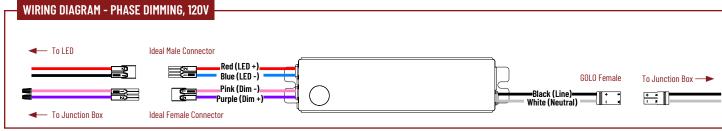


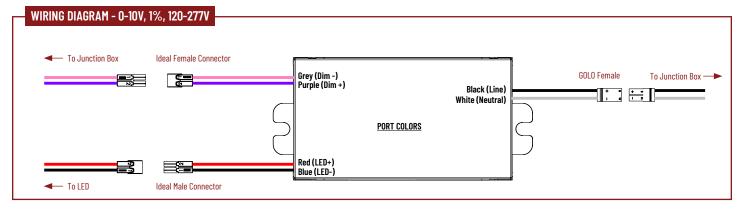
NHAP-3R

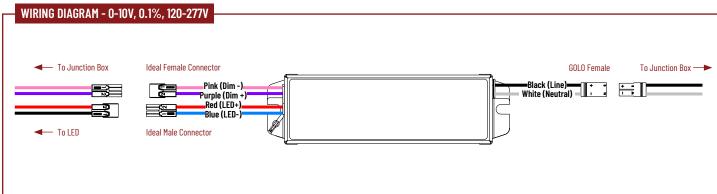
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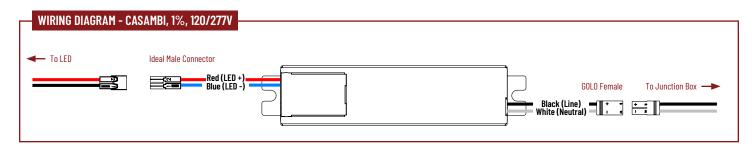


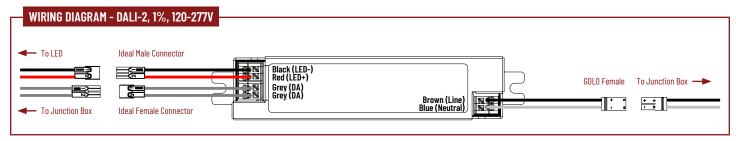


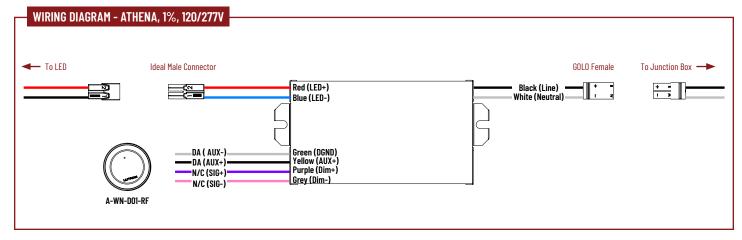
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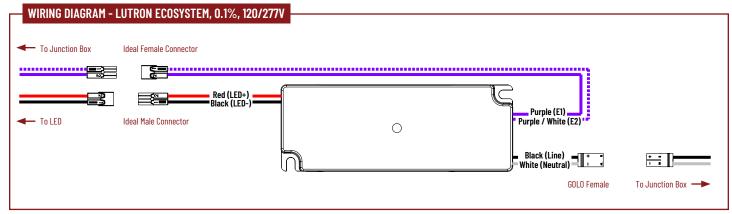
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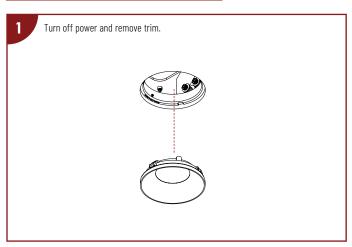
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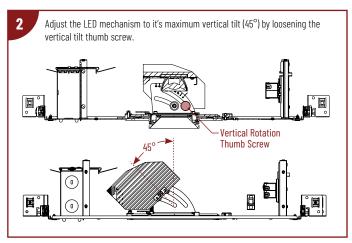
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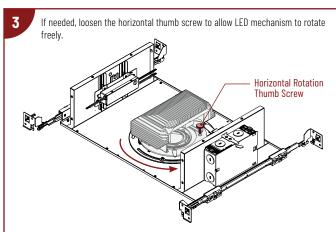
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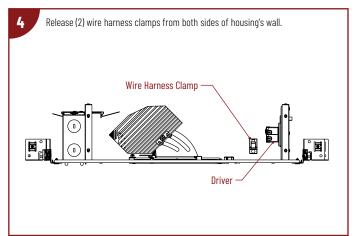
DRIVER MAINTENANCE (BELOW THE CEILING)

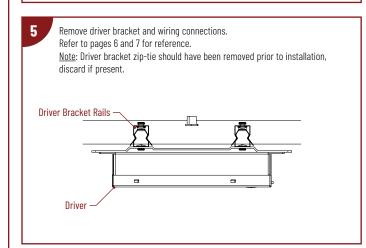
A TURN OFF MAIN POWER BEFORE INSTALLATION

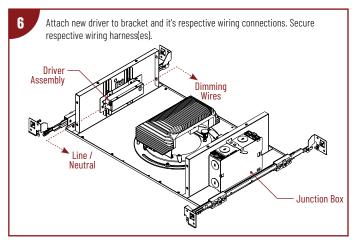












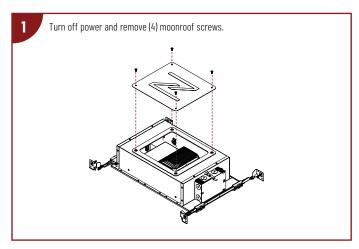
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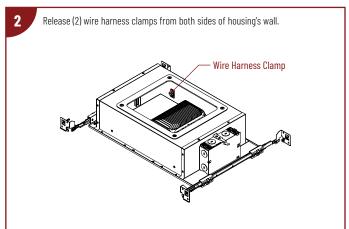
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DRIVER MAINTENANCE (ABOVE CEILING ACCESS)

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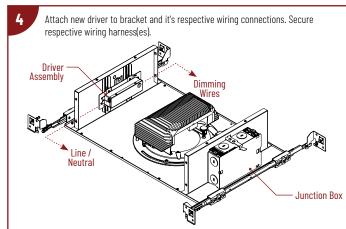


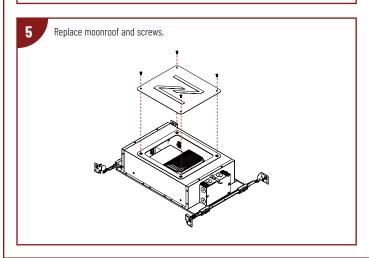


Remove driver bracket and wiring connections.
Refer to pages 6 and 7 for reference.
Note: Driver bracket zip-tie should have been removed prior to installation, discard if present.

Driver Bracket Rails

Driver





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LED REPLACEMENT

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