

# Installation Instructions

## NHRCB-6 Cobalt Dedicated High Lumen Remodel Housing

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.

### ELECTRICAL CONNECTION:

1. Cut out aperture into existing sheet rock ceiling.
2. Pull conduit with line voltage, neutral and ground leads through opening.
3. Remove junction box door.
4. Remove pryout for 1/2" or 3/4" conduit.
5. Secure step down transformer to junction box. Affix conduit or junction box using appropriate connector (not included). If using Romex, simply push past cable lock - no additional connector is required.
6. Connect wiring from power source to fixture wiring:  
Black - Black  
White - White  
Green - Bare copper / Green
7. Feed-through wiring: Other conduit paths may connect to junction box utilizing the other outlets on the junction box.
8. Use the additional knockouts to pull through 12AWG wire, noted above.

**NOTE:** wiring and connections must conform to National Electric Code and all local or municipal code requirements.

(Maximum of 6 no. 12 AWG through branch circuit conductors suitable for at least 90°C permitted in junction box. AC ONLY)

9. Snap junction box door into place.

**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 attached. 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.

### FIXTURE MOUNTING:

1. To install fixture, simply Insert into ceiling opening, starting with the transformer, finally pushing housing straight up into place.
2. Push ceiling springs out of fixture until flat surface of spring is flush with interior of housing.
3. Using a screwdriver, force the small tab at the top of the spring up and as tightly as possible against the housing wall to lock fixture into place.

