

Installation Instructions

NHRCB-6

6" Cobalt Dedicated Non-IC 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

⚠ 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.

⚠ WARNING - RISK OF FIRE:

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.

CUTTING A HOLE

1. Locate the center of proposed opening on your tile or ceiling and mark it.
2. Use a compass to draw a 6.4" diameter circle around the center point.
3. Cut along this circular line.



HOUSING INSTALLATION

1. Push ceiling spring clips into housing to insert into ceiling opening. (Figure 1)
2. Insert housing until housing lip is flush with ceiling.
3. Push ceiling spring clips out of fixture until clip is flush with interior of housing. (Figure 2)
4. Using a screwdriver, force the small tab at the top of the clip up and as tightly as possible against the housing wall to lock fixture into place.

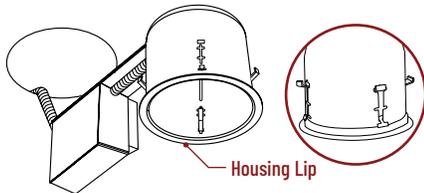


Figure 1

⚠ Make sure ceiling spring clips are pushed in prior to installing in ceiling.

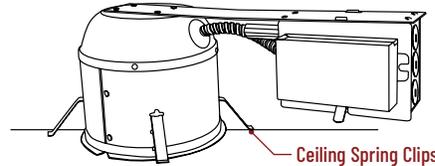


Figure 2

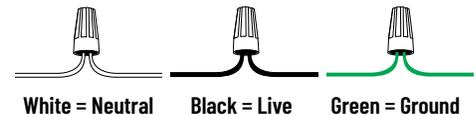
After installation in ceiling, push ceiling spring clips out of housing.

ELECTRICAL CONNECTIONS:

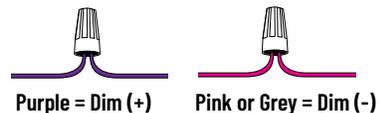
1. Connect ½ inch trade size steel conduit to junction box with appropriate fitting. If using Romex-type shielded wiring, use rectangular pry-out strain reliefs located on upper corners of junction box.
2. Connect wires accordingly:
 - Black (120/277V) = Supply Voltage
 - White = Neutral
 - Green or Copper Wire = Grounding Junction Box Wire**0-10V Wiring:**
 - Purple = Dim (+)
 - Pink or Grey = Dim (-)(Maximum of 6 no. 12 AWG through branch circuit conductors suitable for at least 90°C permitted in junction box. AC ONLY)

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.

120/277V CONNECTION:



0-10V DIMMING CONNECTION:



* cap off 0-10V wires if dimming wires are not used *

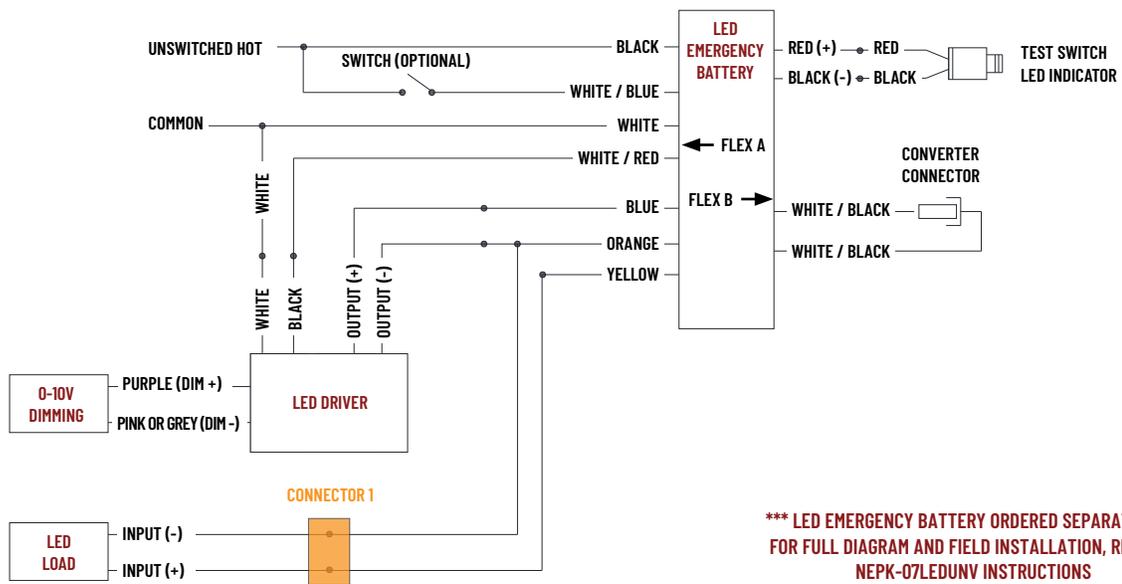
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EMERGENCY CONNECTION (NEPK-07LEDUNV)



EMERGENCY CONNECTION (PHILIPS BODINE BSL17C-C2)

