WARNING - 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.


CONNECTING MULTIPLE LUMINAIRES

Determine type of system installation prior to mounting.
- LED system can be powered in a single direction with internal quick connects
- LED system can be powered in multi-directions with accessories (NLUD-MDPH, ordered separately)

CHANGING DIRECTION OF LIGHT

Note: LED Luminaires are preset at Direct and Indirect illumination
2. Direction of light switch is located on the top of each luminaire.
3. Slide switch to the desired direction.

CHANGING COLOR TEMPERATURE

Note: LED luminaires are preset at 3000K in each direction of light
1. Before installing luminaires, determine color temperature for each direction of light.
2. Color temperature switches are located on the top of each luminaire.
3. Slide each switch to the desired color temperature.
PENDANT MOUNTED: SINGLE LUMINAIRE INSTALLATION

**TURN OFF MAIN POWER BEFORE INSTALLATION**

1. Connect power cord (NLUD-PCC) to 3-wire male and 2-wire male quick connects provided with pendant power canopy (NLUD-PCC) on “H” stop end.
   - Black, White & Green connect to 3-wire quick connect and Purple & Pink (or Grey) to 2-wire quick connect. (Figure 1)
2. Remove end cap, top LED assembly and tab from luminaire on power feed side. (Figure 2)
3. Slide power cord’s “H” stop into tab on knockout plate. Confirm “H” sits between knockout plate. (Figure 3)
4. Connect power cord to luminaire’s input wires. (Figure 4)
5. Tuck wires into the luminaire and return the top LED assembly and end cap. (Figure 5)
6. Attach aircraft gripper to knockout plate with (2) gripper screws. (Figure 6)
7. Insert power cord through strain relief assembly to desired length and tighten strain relief cap. (Figure 8)
8. Cut power cord to desired length and strip for wiring. Connect wires to input voltage accordingly:
   - Black (120-347V) = Supply Voltage
   - White = Neutral
   - Green or Copper Wire = Grounding Junction Box Wire
   - 0-10V Wiring:
     - Purple = Dim (+)
     - Pink or Grey = Dim (-)
9. Carefully insert wires inside junction box and attach mounting plate with (2) plate screws. (Figure 8)
10. Attach canopy to mounting plate with (2) canopy screws. (Figure 9)
11. Assemble aircraft mounting kit and attach to second suspension point. (Figure 10)
12. Installation complete for single luminaire. (Figure 11) **NOTE:** For additional luminaires proceed to page 3.

**REQUIRES: NLUD-PCC** (Ordered Separately)

**0-10V DIMMING (Note: cap off 0-10V dimming wires if not used)**

- White = Neutral
- Black = Live
- Green = Ground
- Purple = Dim (+)
- Pink or Grey = Dim (-)

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**Figures:**

- Figure 1: 3-Wire Quick Connect, “H” stop
- Figure 2: 2-Wire Quick Connect, End Cap
- Figure 3: Top LED assembly, Tab
- Figure 4: Gripper Screws
- Figure 5: Canopy Screws
- Figure 6: Nylon Nut
- Figure 7: Strain Relief Body, Strain Relief Cap, Power Cord
- Figure 8: Junction Box (not included)
- Figure 9: Mounting Plate, Plate Screws
- Figure 10: Canopy Screws
- Figure 11: "H" stop
**PENDANT MOUNTED: DAISY CHAIN MULTIPLE LUMINAIRES (SINGLE DIRECTION)**

**TURN OFF MAIN POWER BEFORE INSTALLATION**

Continue from page 2 for connecting multiple luminaires in a single direction.

1. Remove end cap on switch side from luminaire (A) and end cap on power feed side from luminaire (B). (Figure 1)
2. Connect luminaires’ quick connects together. (Figure 2)
3. Insert daisy chain bracket (NLUD-PMC) into luminaires. Optional seam cover may be attached around luminaires. (Figure 3)
   **NOTE:** Be careful not to pinch the wires
4. Attach aircraft mounting kit (NLUD-CC) to luminaire’s (B) suspension point. (Figure 4)

For additional luminaires, repeat steps 1 to 4. **NOTE:** Maximum wattage per run is 420W, operating over max. wattage will lead to failure and void warranty.

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**REQUIRES:** NLUD-PMC (Ordered Separately)
 NLUD-CC (Ordered Separately)

**Maximum Wattage Per Run:** 420W
Pendant Mounted Installation Instructions
NLUD-8334
L-Line LED Indirect / Direct Luminaire

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

PENDANT MOUNTED: DAISY CHAIN MULTIPLE LUMINAIRES (MULTI-DIRECTION)

REQUIRES: NLUD-MDPH (Ordered Separately)
NLUD-PMC (Ordered Separately)
NLUD-CC (Ordered Separately)

TURN OFF MAIN POWER BEFORE INSTALLATION

1. Connect power cord (NLUD-PCC) to 3-wire male and 2-wire male yellow quick connects provided with wire harness kit (NLUD-MDPH) on “H” stop end. Black, White & Green connect to 3-wire quick connect and Purple & Pink (or Grey) to 2-wire quick connect. (Figure 1)
2. Remove end cap, top LED assembly and tab from luminaire on power feed side. (Figure 2)
3. Attach aircraft gripper to knockout plate with (2) gripper screws. (Figure 3)
4. Slide power cord’s “H” stop into tab on knockout plate. Confirm “H” sits between knockout plate. (Figure 4)
5. Connect power cord to the rest of the wire harness kit (NLUD-MDPH), connect wire harness to each luminaire accordingly and return the top LED assembly. (Figure 5)
6. Insert daisy chain bracket (NLUD-PMC) into both luminaires. Note: Place wire harness and connections inside daisy chain bracket. (Figure 6)
   Optional seam cover may be attached around luminaires. (Figure 7)
7. Insert power cord through strain relief assembly to desired length and tighten strain relief cap. (Figure 8)
8. Cut power cord to desired length and strip for wiring. Connect wires to input voltage accordingly:
   - Black (120-347V) = Supply Voltage
   - White = Neutral
   - Green or Copper Wire = Grounding Junction Box Wire
   0-10V Wiring:
   - Purple = Dim (+)
   - Pink or Grey = Dim (-)
9. Carefully insert wires inside junction box and attach mounting plate with (2) plate screws. (Figure 8)
10. Attach canopy to mounting plate with (2) canopy screws. (Figure 9)

For additional luminaires, use internal quick connects (see page 3). NOTE: Maximum wattage per run is 420W, operating over max. wattage will lead to failure and void warranty.

- Maximum Wattage Per Run: 420W
- 0-10V DIMMING (Note: cap off 0-10V dimming wires if not used)

Multi-Direction

Input Power

Luminaire (A) Luminaire (B) Luminaire (A) Luminaire (B)

Figure 1

NO ORANGE CONNECTOR

Figure 2

Assembly

Figure 3

Gripper Screws

Figure 4

Input Power

Figure 5

Luminaire (B)

Power Cord

(NLUD-MDPH)

Wire Harness Kit

(NLUD-MDPH)

Figure 6

Daisy Chain Bracket

(NLUD-PMC)

Figure 7

Optional seam cover

Figure 8

Nylon Nut

Strain Relief Body

Strain Relief Cap

Power Cord

Figure 9

Junction Box

(not included)

Mounting Plate

Plate Screws

Figure 10

NLUD-CC