

LumBAY PRIME



SAVE THESE INSTRUCTIONS



BEFORE YOU BEGIN

Read and follow all safety instructions



WARNING

RISK OF FIRE, EXPLOSION AND ELECTRIC SHOCK

- This product should be installed, inspected, and maintained by a qualified electrician only, in accordance with the NEC (National Electric Code) and all local codes.
- This person should be familiar with the construction and operation of the product and the hazards involved.
- This light is for outdoor use and should not be used in areas of limited ventilation or high ambient temperature.
- Turn off electrical power before inspection, installation or removal.
- Disconnect the power by turning off the circuit breaker - turning the power off by using a light switch is not sufficient to prevent electrical shock.
- Make sure the fixture is cool to the touch before performing maintenance.



Prepare Electrical Wiring



Electrical Requirements

- The fixture must be supplied with a voltage within the specified rating on the product label.
- The fixture must be connected to an individual, grounded branch circuit protected by a properly sized circuit breaker.
- Only use UL (or other NRTL) approved wire for supply connections - minimum 18 AWG, 75°C rated supply wire.



Grounding Instructions

- The grounding and bonding of the overall system shall be done in accordance with NEC Article 600 and local codes.

Date of Installation: _____

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LED High Bay

Installation Guide

Tools Required

- Wire Strippers
- Phillips Screwdriver
- Slotted Screwdriver
- Drill with Assorted Bits (optional)



CAUTION: Ensure the branch supply power is shut off at the breaker panel before continuing with the installation.

Preparation

- Check for visible damage to the fixture, accessories or electrical wires.

Chain/Cable Mount Installation

1. Prepare the mounting locations. The mounting hardware will be spaced according to the table on Page 4.
2. Attach each chain or cable (provided by others) to the included hooks (One chain/cable per hook). Attach the hooks to the fixture using the dedicated slots located on each end of the fixture and mount the fixture [Figure 1A].
3. Remove the wiring cover to access the fixture leads [Figure 2A].
4. Run the supply leads to the fixture with a rigid/flexible conduit, or a suitably rated flexible cord to either ½" trade size KO in the wiring cover. Use the appropriate conduit/cable connector (provided by others) to secure the supply to the fixture [Figure 2A].
5. Pull the available fixture wires through the wiring access and follow the **Wiring Diagram** (Page 4) to connect the Fixture leads to the Supply leads.

Note: If the optional sensor is not installed, the violet and pink wires may be wired to a 0-10V wall dimmer. Dimmer settings may not work as intended if the Wattage adjustment switch is set below the maximum wattage setting.

6. Reinstall the wiring cover.
7. Adjust the CCT/Wattage adjustment switches, located on top of the fixture, to the desired settings.
8. Restore branch supply power and ensure the fixture functions properly.
If the fixture does not turn on or function properly shut off the branch supply power and recheck all electrical connections.

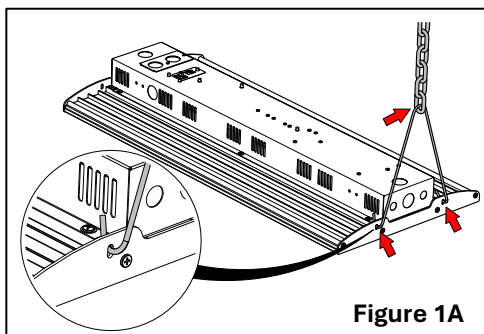


Figure 1A

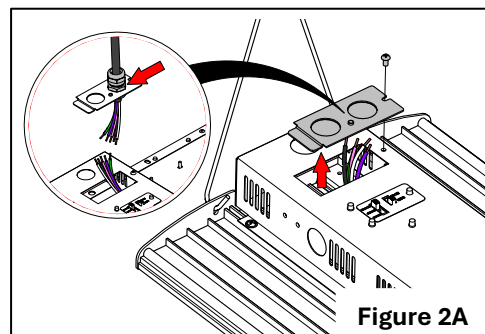


Figure 2A

Specifications subject to change without notice. Manufacturer assumes no responsibility for improper installation or use. Follow all local and national electrical codes. Use only with components and accessories specified by the manufacturer. Do not modify this product. This product complies with UL / cUL and FCC requirements.

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- Wire Strippers
- Phillips Screwdriver
- Channel-lock pliers (for conduit installation)
- Slotted Screwdriver
- Drill with Assorted Bits (optional)



CAUTION: Ensure the branch supply power is shut off at the breaker panel before continuing with the installation.

Preparation

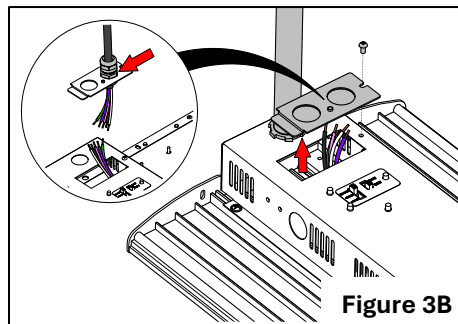
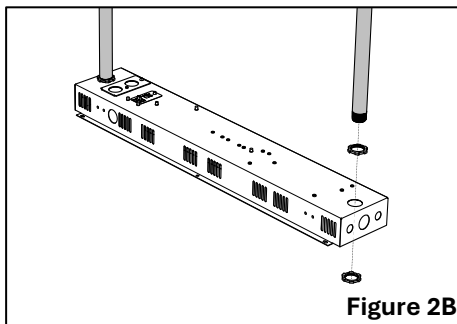
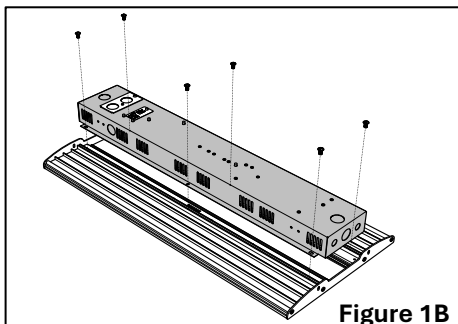
- Check for visible damage to the fixture, accessories or electrical wires.

Stem Mount Installation

1. Prepare the mounting locations. The mounting hardware will be spaced according to the table on Page 4.
2. Remove the two outer ½" trade size KOs on top of the fixture using a slotted screwdriver. Then separate the driver compartment from the LED housing by removing six (6) screws [Figure 1B]
3. Install ½" trade size conduit stems and lock nuts (provided by others) [Figure 2B]. Reinstall the driver compartment (screws should be torqued to **10-15lbf-in**) and mount the fixture.

Important: Take care not to damage any wires in the driver compartment when reinstalling it.

4. Remove the wiring cover to access the fixture leads [Figure 3B].
5. Run the supply leads to the fixture with a rigid/flexible conduit, or a suitably rated flexible cord to either ½" trade size KO in the wiring cover. Use the appropriate conduit/cable connector (provided by others) to secure the supply to the wiring cover [Figure 3B].
6. Pull the available fixture wires through the wiring access and follow the **Wiring Diagram** (Page 4) to connect the Fixture leads to the Supply leads.
7. Reinstall the wiring cover.
8. Adjust the CCT/Wattage adjustment switches, located on top of the fixture, to the desired settings.
9. Restore branch supply power and ensure the fixture functions properly. If the fixture does not turn on or function properly shut off the branch supply power and recheck all electrical connections.



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1. The FAO controller is located on top of the fixture [Figure 1C]
2. Move the DIP switches to desired Wattage or CCT settings.

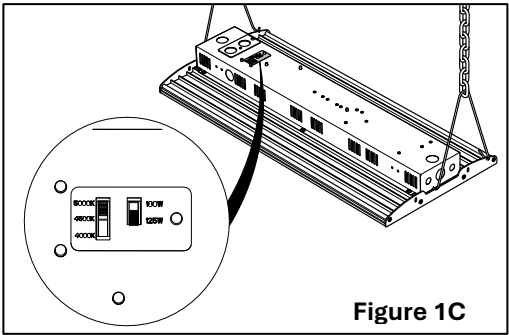
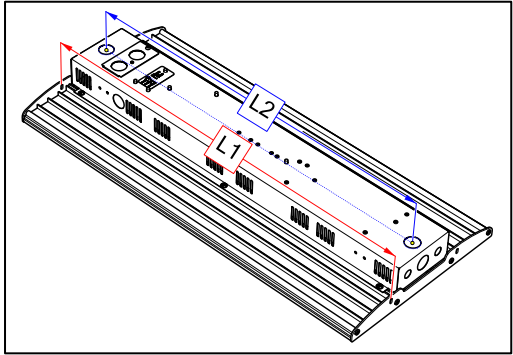


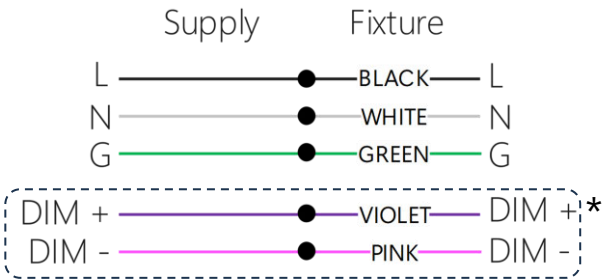
Figure 1C

Mounting Hardware Spacing

NOMINAL FIXTURE LENGTH	L1	L2
15"	14.25"	13.25"
24"	23.25"	22.25"
40"	39.25"	38.25"

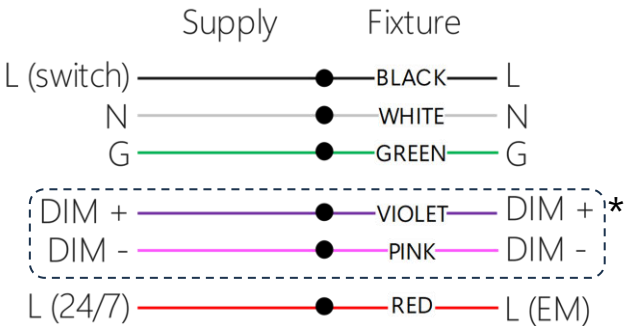


Standard Wiring Diagram



* If applicable

Emergency Wiring Diagram



* If applicable

- Note 1:** Use properly rated connectors sized for 18AWG wires.
- Note 2:** If the optional sensor is not installed, the violet and pink wires may be wired to a 0-10V wall dimmer. Dimmer settings may not work as intended if the Wattage adjustment switch is set below the maximum wattage setting.
- Note 3:** For units with a pre-installed Emergency Backup, connect the battery harness after the branch power has been restored. EM Line wire connection must be connected to an UNSWITCHED 24/7 Line on the same branch circuit.

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