LumESCO

LumDURON

STOP

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 <u>qualified electrician only</u>, in accordance with the NEC (National Electric Code) and all local codes.
- Turn off electrical power before inspection, installation or removal.
- Use only UL (or other NTRL) approved wire for input/output connections. Wire AWG to be determined by qualified electrician during installation.
- Make sure LEDs and drivers are cool to touch when performing maintenance. Make sure the supply voltage is the same as the rated voltage of the luminaire.
- Do not install in a hazardous location environments.
- Keep tightly closed when in operation

ELECTRICAL/GROUNDIND REQUIREMENTS

Electrical
The product must be supplied with input voltage per the product labeling. Connected to a properly grounded circuit, protected by an appropriately sized breaker. Use min 75°C rated supply wire.

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

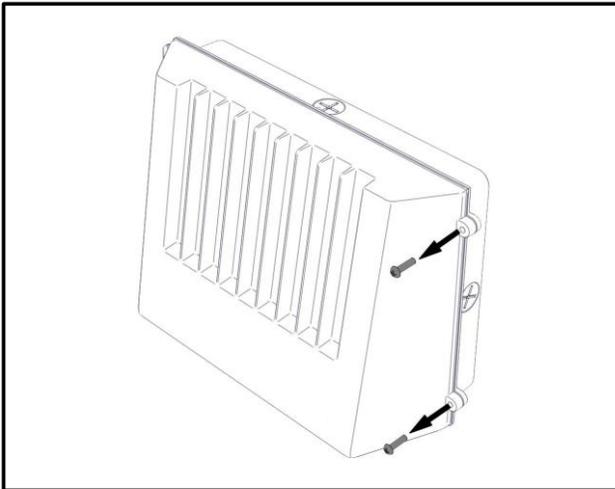# LumDURON
LED Wall Light

Installation Guide

Before starting:
- Ensure that the supply power is shut off.
- Unpack the fixture and ensure that there are no damaged or missing parts
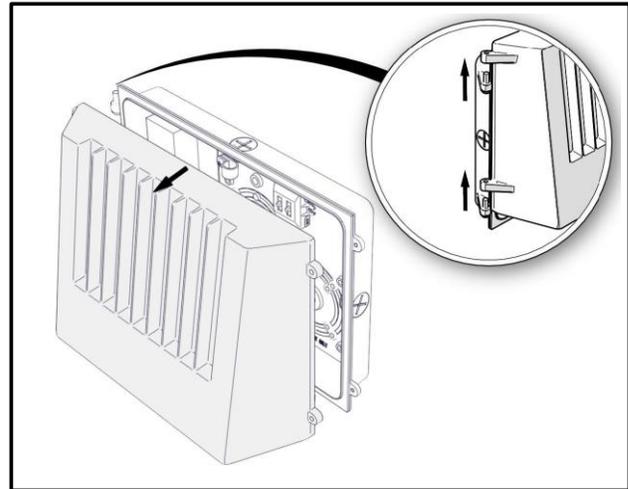- **NOTE:** Fixture perimeter must be sealed where it contacts the mounting surface with a silicone sealant

Tools Required:

Phillips Screwdriver
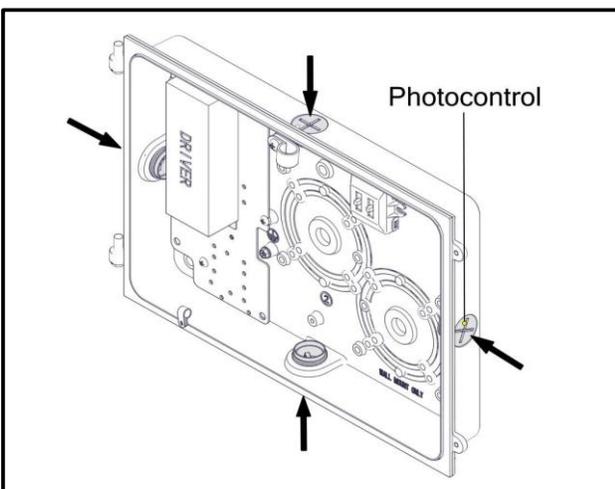Wire Strippers
Wire Cutters
Drill with assorted bits

Standard Installation

Step 1: Remove the two (2) front LED assembly screws. Put the screws in a secure place for later use.
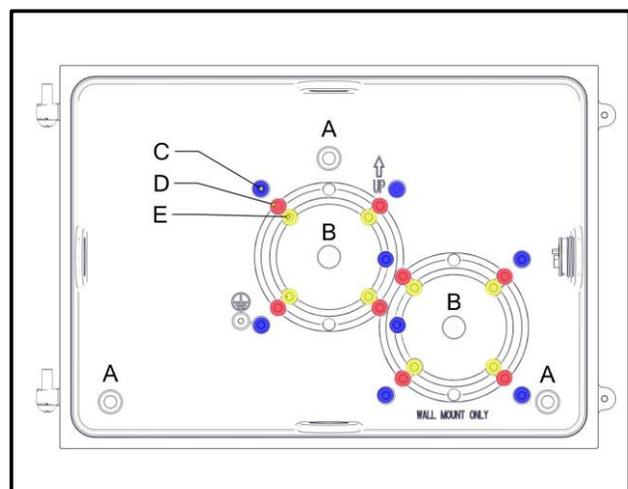

Step 2: Remove the front LED assembly from the backplate and set aside with the two screws removed in Step 1. Disconnect the orange quick connect plug to completely separate the front LED assembly.

Step 3: If surface conduit will be run to the fixture, remove the appropriate conduit plug. See diagram for location of photocontrol. It must be disconnected and re-installed in the bottom conduit hole if the right-hand conduit hole is to be used for the surface conduit entry.

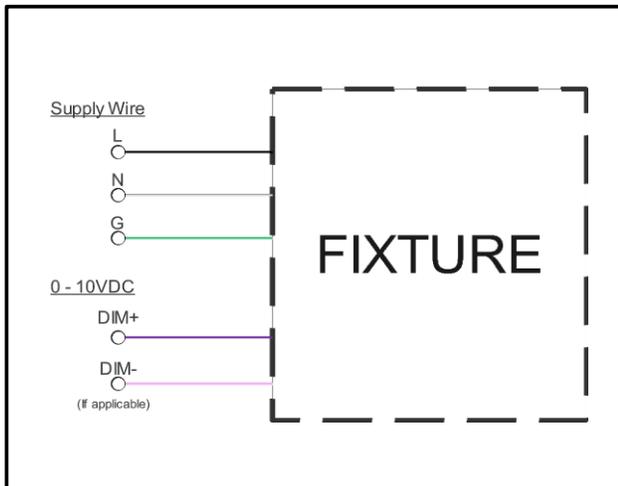**NOTE: Replace the conduit plug securely to avoid water ingress.**

Step 4: Drill the mounting holes (A), and if pulling wire from a j-box, drill the appropriate center hole (B) and j-box holes (C, D, or E). There are two possible j-box locations, only drill the required holes
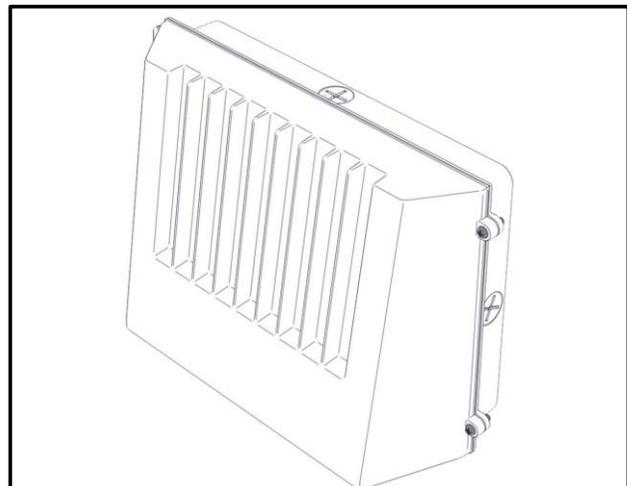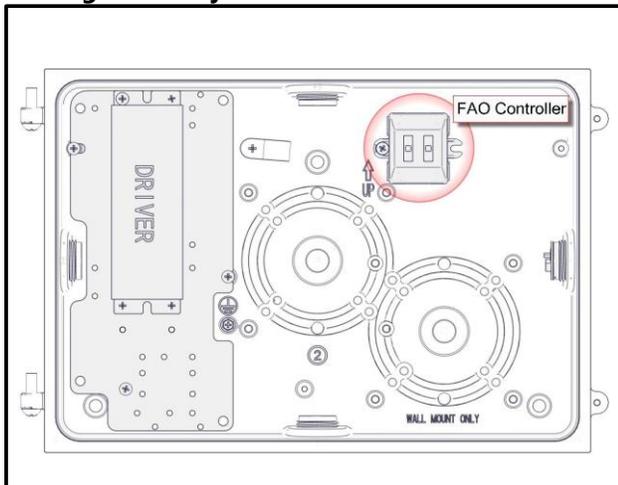
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Step 5: Mount the backplate using the appropriate hardware and make the wiring connections according to the wiring diagram on Page 4. Push excess wire into the j-box if supply wire was run from a j-box.
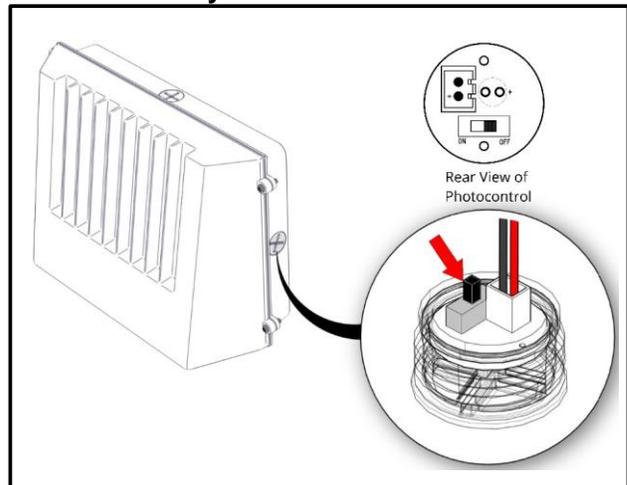

Step 6: Re-install the front LED assembly with the screws removed in Step 1. Restore power and check that the fixture is functioning properly.

Wattage/CCT Adjustment

With the supply power off and fixture open, adjust the controller to the desired wattage and CCT by sliding the switches on the FAO Controller.
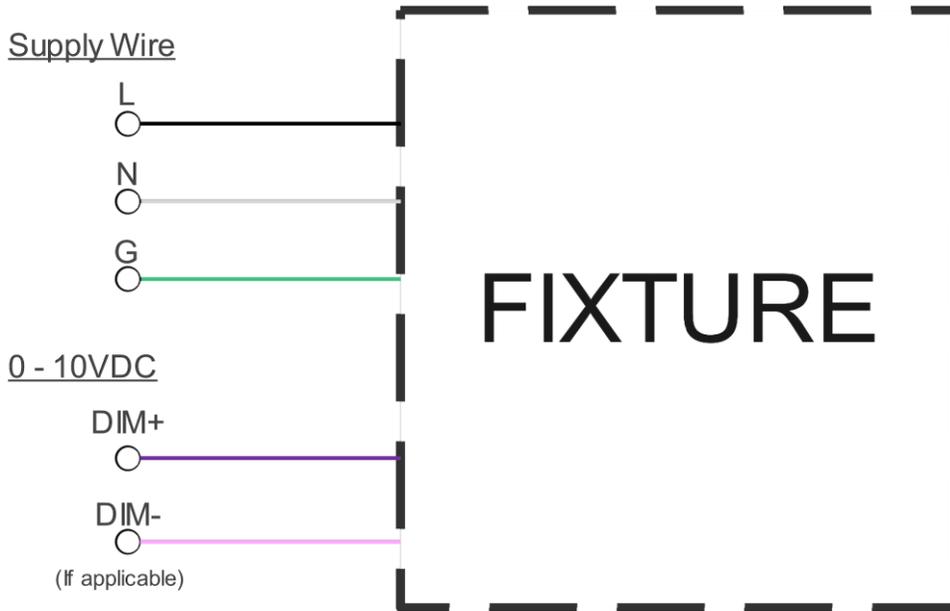
Photocontrol Adjustment

With the supply power off, unscrew the photocontrol or open the fixture and carefully adjust the switch on the back side to enable or disable the photocontrol. Take care not to pull, pinch, or disconnect the harness wires. The harness can be disconnected to relocate the photocontrol.

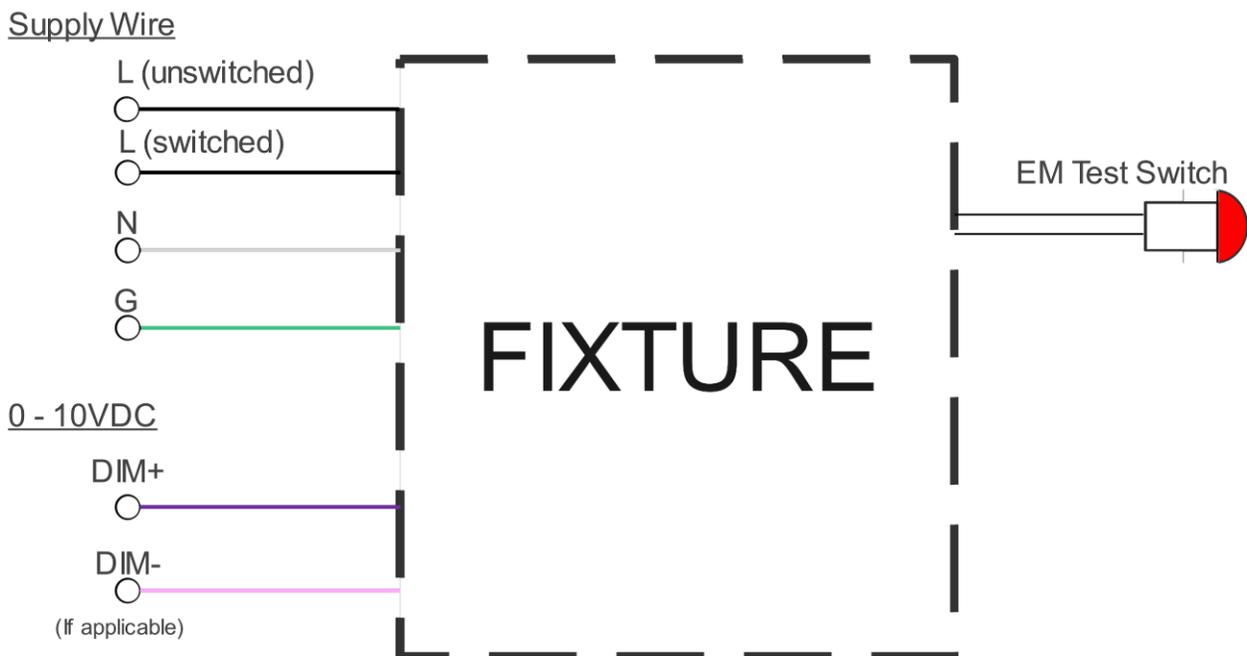**NOTE: Replace the conduit plug securely to avoid water ingress.**

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Electrical Wiring Diagram

Supply Wire

L

N

G

0 - 10VDC

DIM+

DIM-

(If applicable)

FIXTURE

Electrical Wiring Diagram (with Emergency Backup)

Supply Wire

L (unswitched)

L (switched)

N

G

0 - 10VDC

DIM+

DIM-

(If applicable)

FIXTURE

EM Test Switch

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Dimensional Diagram