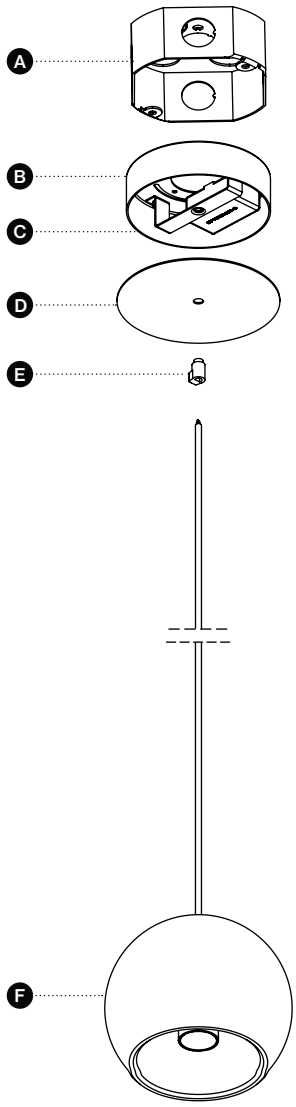
# Radielle Pendant



## Parts Overview

ILLUSTRATIONS ARE REPRESENTATIVE OF A TYPICAL RADIELLE PENDANT INSTALLATION. SIZE, SHAPE, & DETAILS OF YOUR FIXTURE WILL VARY BASED ON YOUR PROJECT. REFER TO SHOP DRAWINGS FOR SPECIFIC INFORMATION ABOUT YOUR FIXTURE.

- **A** JUNCTION BOX (×1) (BY OTHERS)
- **B** CANOPY (×1)
- **C** LED POWER SUPPLY / DRIVER (×1)
- **D** DRESS PLATE (×1)
- **E** STRAIN RELIEF (×1)
- **F** SHADE (SMALL SPHERE SHOWN) (×1)




## SPECIFICATIONS

**SHIPPING / RECEIVING**

Fixtures boxed & shipped individually or for large quantities, on 4′ x 4′ or 4′ x 8′ pallets

Customer responsible for receiving & unloading of fixtures

Pallet jack / forklift strongly recommended (palletized orders only)

Fixtures must be stored indoors in a climate controlled location prior to installation

**INSTALLATION**

All necessary tools needed for proper wiring of fixture to supply circuits

**HANDLING**

Fixtures should remain boxed for protection until needed for installation

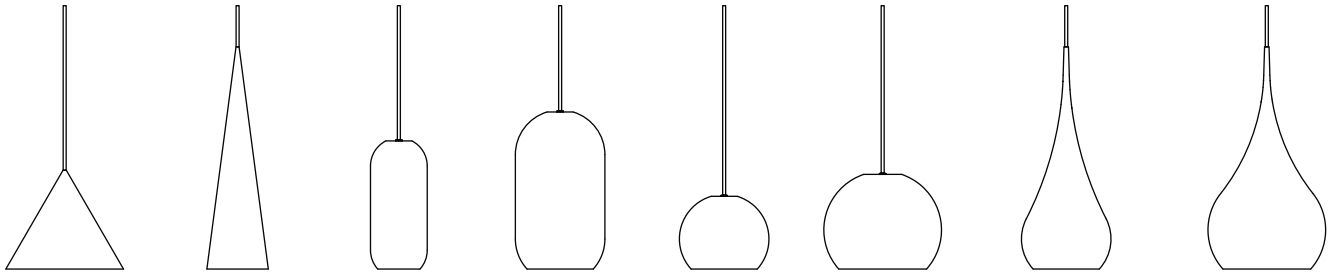
Fixtures must be handled with care

Do not allow fixture components to rest on unpadded surfaces

**CLEANING**

Lightly dust with CO2 canister or Swifter type duster.

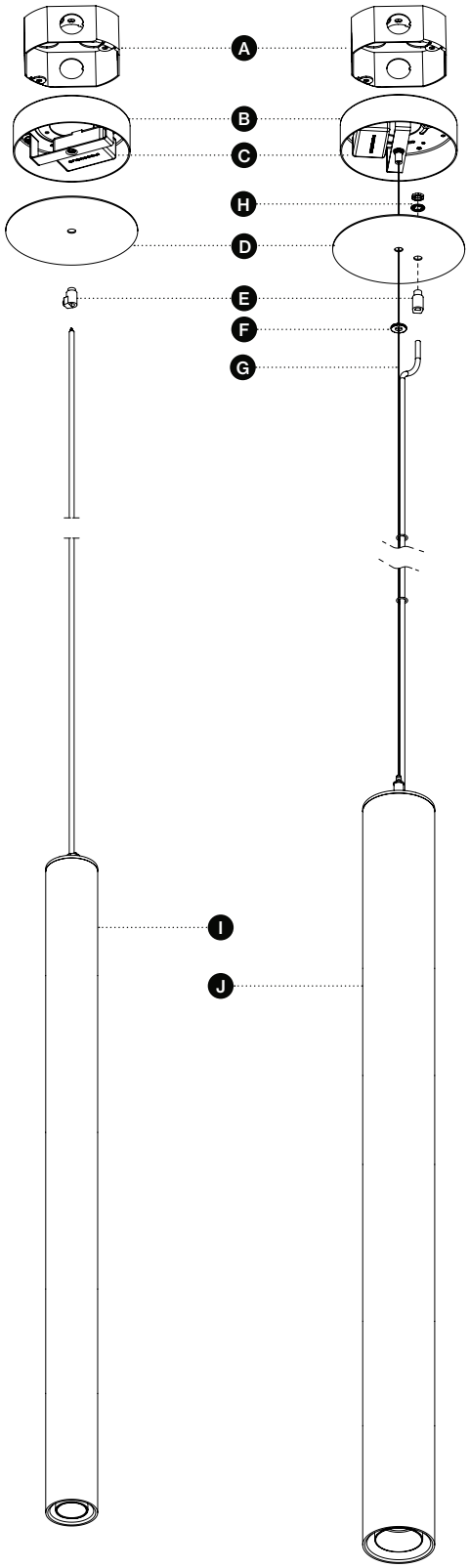
**SHADE STYLES**



| SHORT CONE | LONG CONE | SMALL PILL | LARGE PILL | SMALL SPHERE | LARGE SPHERE | SMALL TEARDROP | LARGE TEARDROP |
|---|---|---|---|---|---|---|---|
| 10″W × 8″H | 5″W × 18.5″H | 4.5″W × 10.5″H | 7.5″W × 13″H | 7.5″DIA × 6″H | 10″DIA × 8″H | 7.5″DIA × 18.5″H | 10″DIA × 18.5″H |

# Radielle Candlestick

## Parts Overview




- A JUNCTION BOX (×1) (BY OTHERS)
- B CANOPY (×1)
- C LED POWER SUPPLY / DRIVER (×1)
- D DRESS PLATE (×1)
- E STRAIN RELIEF (×1)
- F KNURLED NUT (×1)
- G AIRCRAFT CABLE (×1)
- H NUT AND WASHER (×1)
- I CANDLESTICK 65D-37L (LEFT IMAGE) (×1)
- J CANDLESTICK 90D-47L (RIGHT IMAGE) (×1)

## SPECIFICATIONS

**SHIPPING / RECEIVING**

Fixtures boxed & shipped individually or for large quantities, on 4′ x 4′ or 4′ x 8′ pallets

Customer responsible for receiving & unloading of fixtures

Pallet jack / forklift strongly recommended (palletized orders only)

Fixtures must be stored indoors in a climate controlled location prior to installation

**INSTALLATION**

All necessary tools needed for proper wiring of fixture to supply circuits

**HANDLING**

Fixtures should remain boxed for protection until needed for installation

Fixtures must be handled with care

Do not allow fixture components to rest on unpadded surfaces

**CLEANING**

Lightly dust with CO2 canister or Swifter type duster.

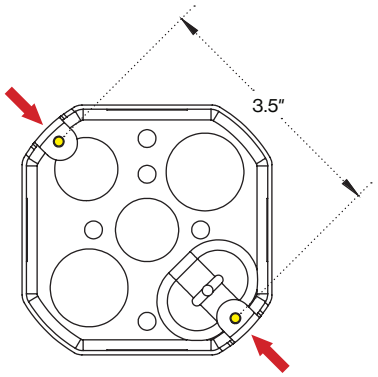
ILLUSTRATIONS ARE REPRESENTATIVE OF A TYPICAL RADIELLE CANDLESTICK INSTALLATION. SIZE, SHAPE, & DETAILS OF YOUR FIXTURE WILL VARY BASED ON YOUR PROJECT. REFER TO SHOP DRAWINGS FOR SPECIFIC INFORMATION ABOUT YOUR FIXTURE.

# Radielle Canopy Installation

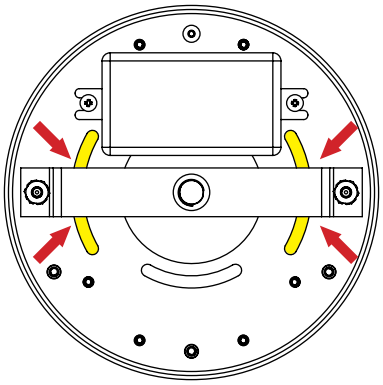


## Pendant; 65D Candlestick; 90D (13L - 37L) Candlestick

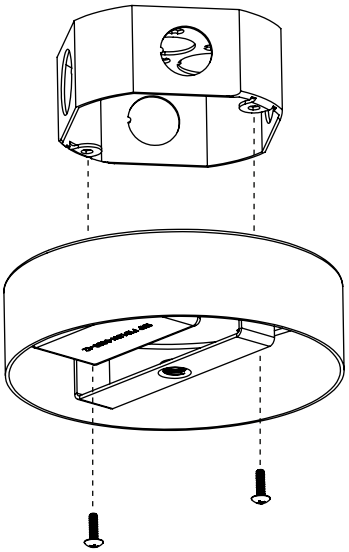
1. Install junction box. Refer to project-specific shop drawings provided by LightArt for exact locations. After installation locate the mounting holes for the canopy.



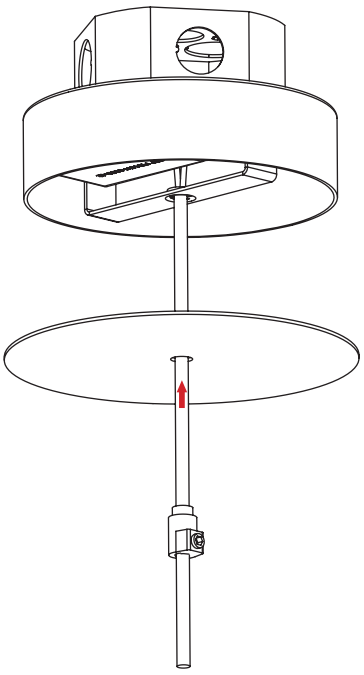

2. Locate the mounting slots to install the canopy to the junction box. (Driver shown below is just for representation, actual driver size may vary)



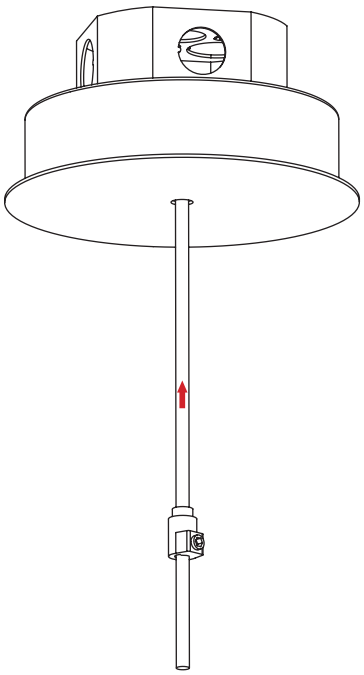
3. Push the connections and all excess wires into junction box. Secure canopy to junction box using fasteners.



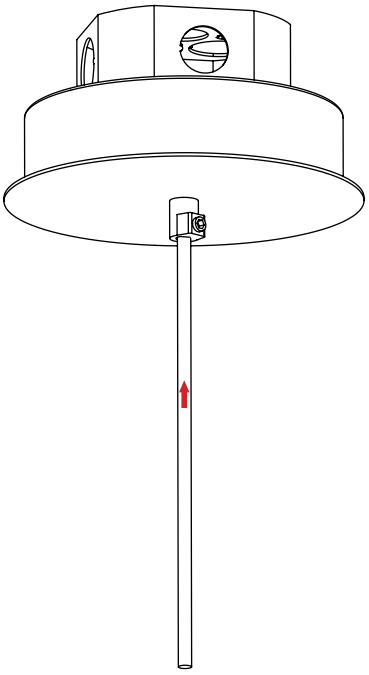
4. Wiring: See wiring instructions and diagrams on page 5 for additional details.



5. Lift the dress plate upward and hold it in place.



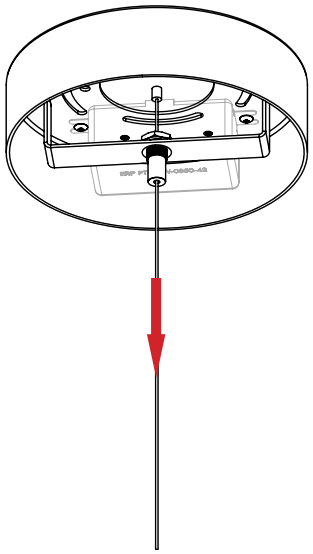
6. Lift the strain relief upward and screw it into the canopy. Tighten strain relief set screw once strain relief is in place.



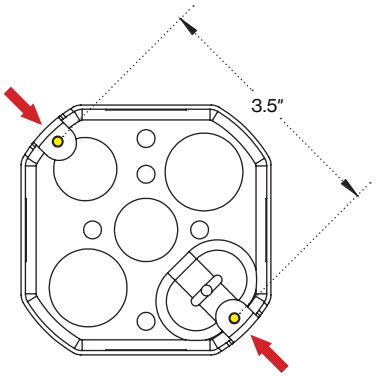
# Radielle Canopy & aircraft cable Installation

## 90D Candlestick (47L & 61L Only)

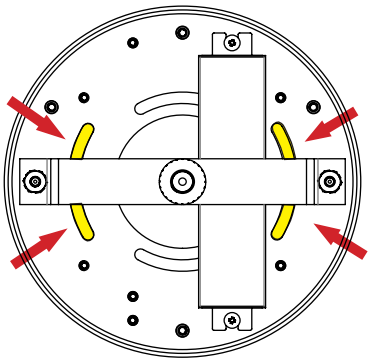
1. Pass suspension cable through canopy bracket so that the stop sits secure in coupler.



2. Install junction box. Refer to project-specific shop drawings provided by LightArt for exact locations. After installation locate the mounting holes for the canopy.

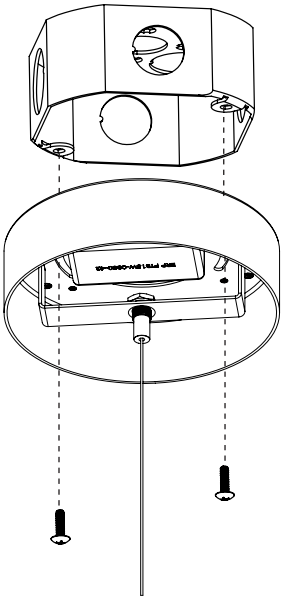



3. Locate the mounting slots to install the canopy to the junction box. (Driver shown below is just for representation, actual driver size may vary)

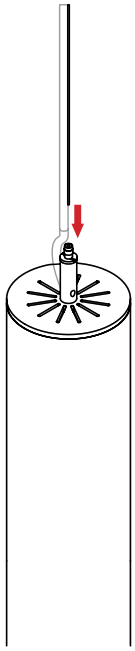


4. Push the connections and all excess wires into junction box. Secure canopy to junction box using fasteners.

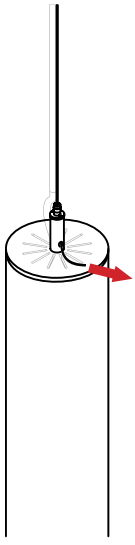
   Wiring: See wiring instructions and diagrams on page 5 for additional details.



5. Aircraft cable installation -
   Pass the dress plate and knurled nut through installed aircraft cable in step 1.
   Pass the other end of the suspension cable through the gripper on the fixture.

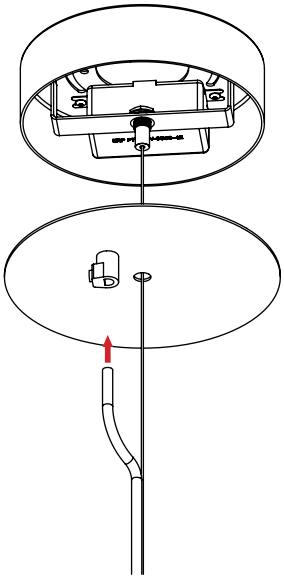


6. The cable will pass through and the excess will slide out the side.

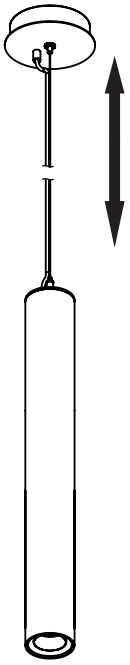


## 90D Candlestick (47L & 61L Only)

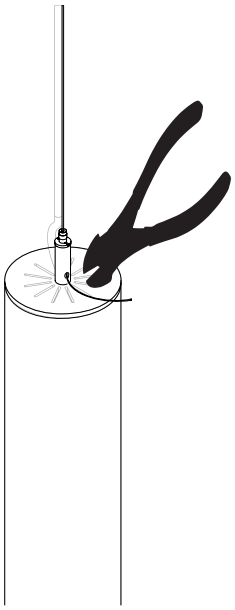
7. Pass power cord through strain relief.



8. Adjust the fixture to the desired hanging height by pulling the excess cable through gripper.

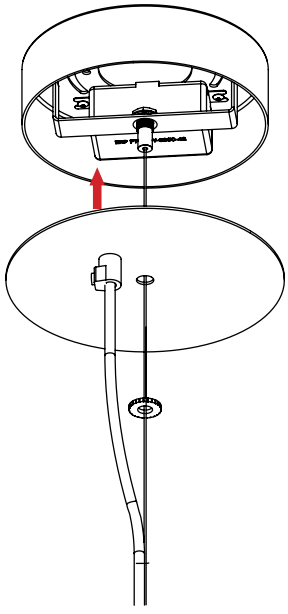


9. Cut the excess suspension cable once the fixture is at the desired hanging height.

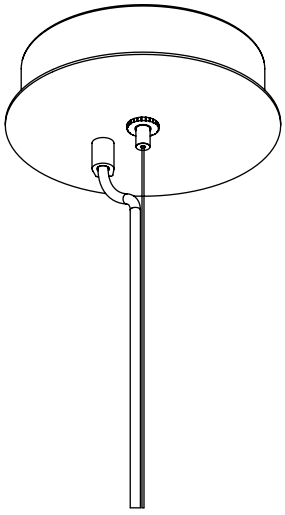


10. Connect power cord to the driver. Push in the the connections into the canopy.

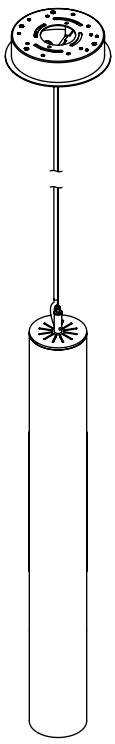
    Wiring: See wiring instructions and diagrams on page 5 for additional details.



11. Lift the dress plate upward to the canopy. Thread knurled nut in place. Tighten strain relief set screw. Make sure the nut is tighten.



12. Fixture weight should be supported by the suspension cable, not the power cord.



# Radielle Wiring Instruction

## Wiring Diagram

For illustration purposes only. Consult control manufacturer's spec. sheets for specific wiring requirements and fixture capacity.

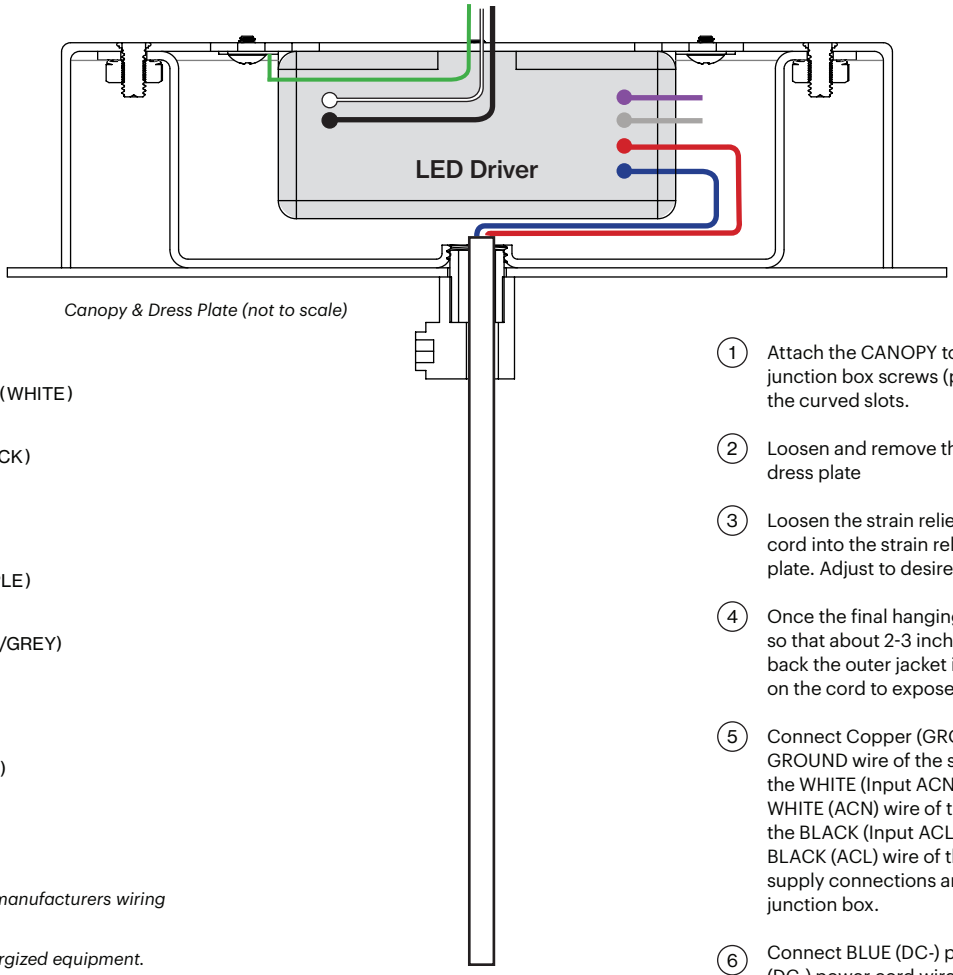
**NOTICE**

*- Make all wire splices inside canopy*

*- Red DC : + Positive to fixture LED*

*- Blue DC : + Negative to fixture LED*

*- Compatible with 0-10V Dimming Leads (not included)*




*Canopy & Dress Plate (not to scale)*

- 120 VAC : AC NEUTRAL (WHITE)
- 120 VAC : AC LINE (BLACK)
- GND - GROUND
- DIM : + POSITIVE (PURPLE)
- DIM : - NEGATIVE (PINK/GREY)
- DC : + POSITIVE (RED)
- DC : - NEGATIVE (BLUE)

**NOTICE**

*- Wire according to appropriate manufacturers wiring diagrams.*

*- Warning: risk of shock from energized equipment.*

*- Always turn power off and lock out during fixture installation.*

*- This product must be installed in accordance with the applicable installation code by a person familiar with the construction and operation of the product and the hazards involved.*

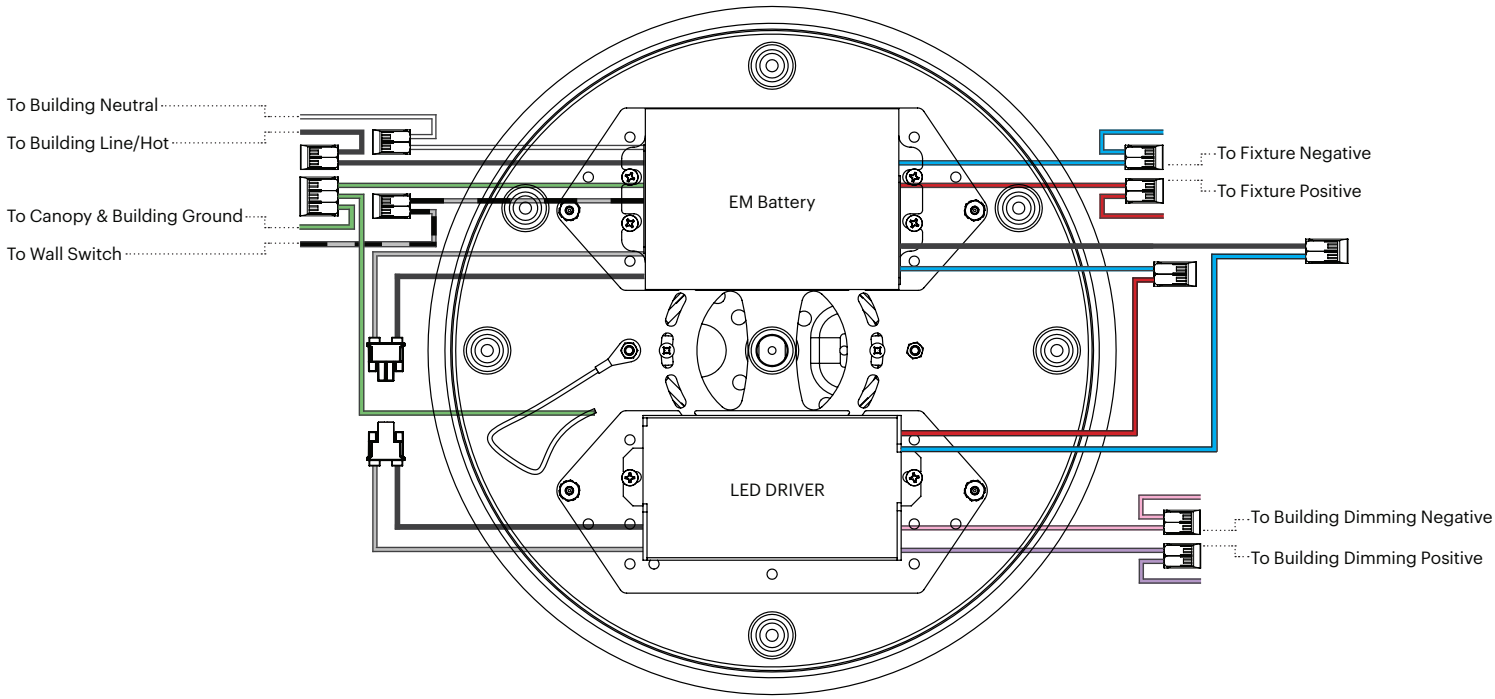
*- Suitable for damp locations.*

**WARNING**
LOW VOLTAGE DC ONLY TO FIXTURE
CONNECTING FIXTURE INPUT WIRES TO LINE VOLTAGE WILL DESTROY FIXTURE
LIGHTART IS NOT LIABLE FOR DAMAGE DUE TO MISWIRING

1. Attach the CANOPY to the junction box, installing junction box screws (provided by others) through the curved slots.
2. Loosen and remove the strain relief, and remove dress plate
3. Loosen the strain relief set screw. Feed the power cord into the strain relief and through the dress plate. Adjust to desired length.
4. Once the final hanging length is certain, trim cord so that about 2-3 inches extend into canopy. Strip back the outer jacket insulation about two inches on the cord to expose the internal conductors.
5. Connect Copper (GROUND) wire in canopy to the GROUND wire of the supply circuit. Connect the WHITE (Input ACN) power supply wire to the WHITE (ACN) wire of the supply circuit. Connect the BLACK (Input ACL) power supply wire to the BLACK (ACL) wire of the supply circuit. Push the supply connections and all excess wires into the junction box.
6. Connect BLUE (DC-) power supply wire to BLUE (DC-) power cord wire. Connect RED (DC+) power supply wire to RED (DC+) power cord wire.
7. Connect the PURPLE (DIM+) to dim +ve and connect the GREY/PINK (DIM-) to dim -ve of dimmer module. Only use when using dimming control for fixture. If not using dimming leads, make sure wires are not connected.
8. Replace dress plate, and tighten strain relief into canopy crossbar. Ensure strain relief set screw is loose, so the cord does not twist during tightening.
9. Once fixture is at final hanging height, tighten strain relief set screw.

## Wiring Diagram - EM Battery

For illustration purposes only. Consult control manufacturer's spec. sheets for specific wiring requirements and fixture capacity.




**NOTICE**

*Wire according to appropriate manufacturers wiring diagrams.*

*WARNING: Risk of shock from energized equipment.*

*Always turn power OFF and lock out during fixture installation.*

*This product must be installed in accordance with the applicable installation code by a person familiar with the construction and operation of the product and the hazards involved.*

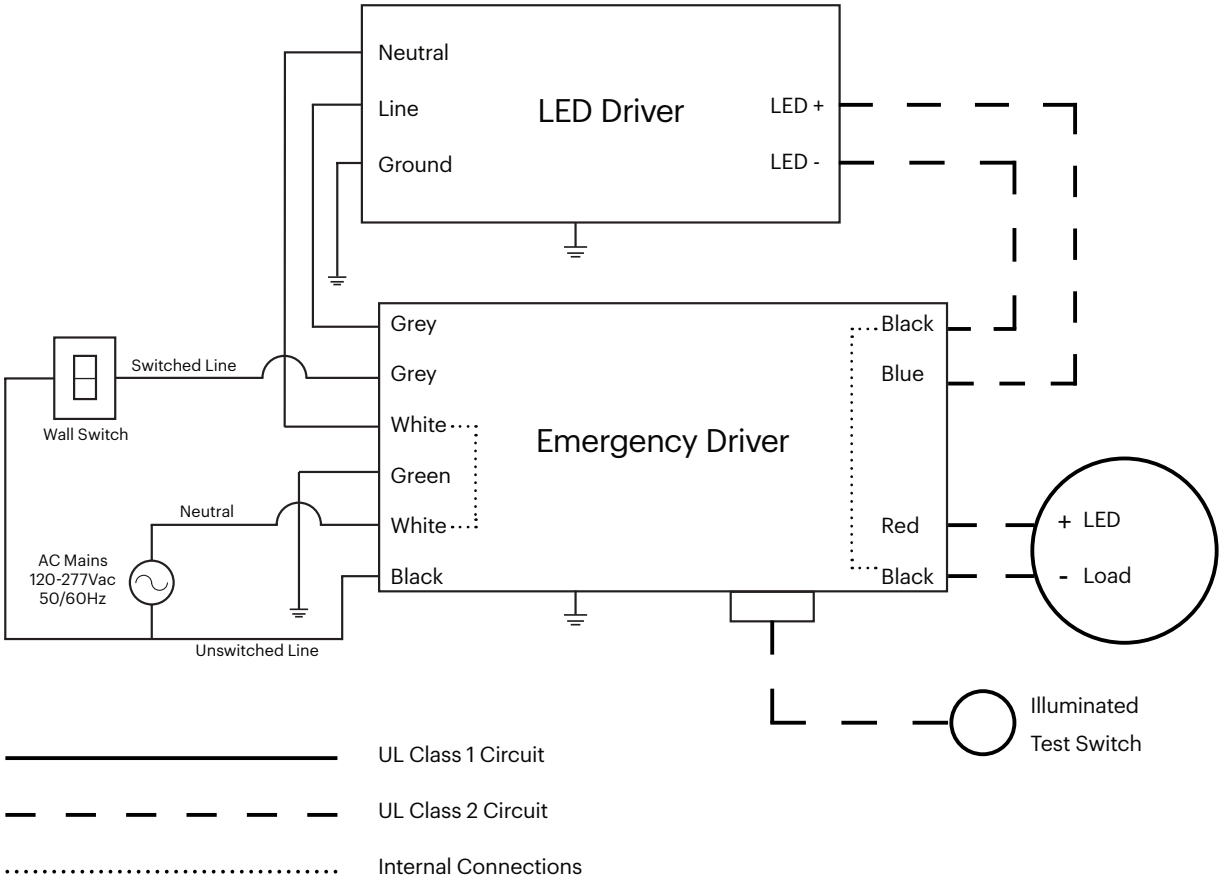
**WARNING**

LIGHTART IS NOT LIABLE FOR DAMAGE DUE TO MISWIRING 0-10 VOLT CONTROL WIRES, OR LOW VOLTAGE LED WIRES TO LINE VOLTAGE.

1. Feed the multi-wire power cord from the fixture through the strain relief on dress plate.
2. Tighten set screw on strain relief to secure power cord.
3. Connect the WHITE (Input ACN) power supply wire to the WHITE (ACN) wire of the EM battery. Connect the BLACK (Input ACL) power supply wire to the BLACK (ACL) wire of the EM battery. Connect GREEN (GROUND) power supply wire to the GROUND wire of the EM battery. Connect the switched line (striped) to the wall switch.
4. IMPORTANT: Connecting the switched line to the wall switch can be optional. If not used the EM battery will engage when fixture is switched off. If not used the stripped wire should be connected to the Hot line
5. Connect the RED (Positive) wire from the fixture to the RED unconnected wire coming out of the BODINE EM battery. Connect the BLUE (Negative) wire from the fixture to the BLUE unconnected wire coming out of the BODINE EM battery.
6. OPTIONAL:Connect the PURPLE (DIMMING +) power supply wire to the DIMMING + wire of the supply circuit. Connect the GRAY (DIMMING -) power supply wire to the DIMMING - wire of the supply circuit.
7. Plug the EM battery to the LED driver with the orange connectors.
8. Push all line voltage connections and all excess wires through the top opening of the canopy into the junction box.
9. Secure canopy to junction box with provided fasteners.
10. Reattach the dress plate.

## Wiring Diagram - EM Battery

For illustration purposes only. Consult control manufacturer's spec. sheets for specific wiring requirements and fixture capacity.




**WARNING**
LIGHTART IS NOT LIABLE FOR DAMAGE DUE TO MISWIRING 0-10 VOLT CONTROL WIRES, OR LOW VOLTAGE LED WIRES TO LINE VOLTAGE.