



# IMPORTANT SAFETY INFORMATION READ AND FOLLOW ALL SAFETY INSTRUCTIONS

### FOR FIELD ASSISTANCE PLEASE CALL +1-213-255-2060 #4

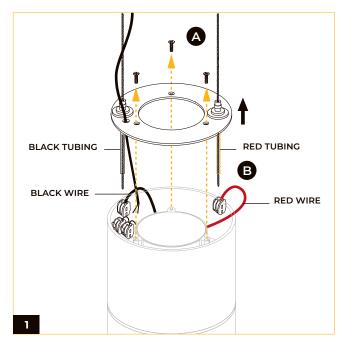
- Before wiring to power supply and during servicing or relamping, turn off power at fuse or circuit breaker.
- · All servicing or relamping must be performed by qualified service personnel.
- Product must be grounded to avoid potential electric shock or other potential hazard.
- Product must be installed at locations and heights, in a manner consistent with its intended use, and in compliance with electrical code and local codes.

### SAVE THESE INSTRUCTIONS FOR FUTURE REFERENCE

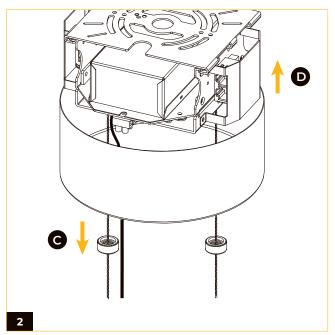


### DUO 4 DMXRS, DMXRD

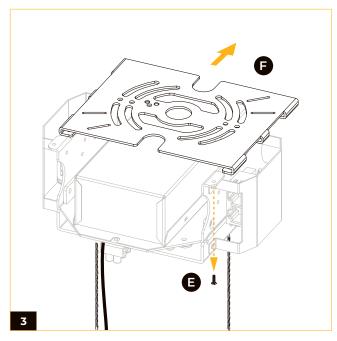




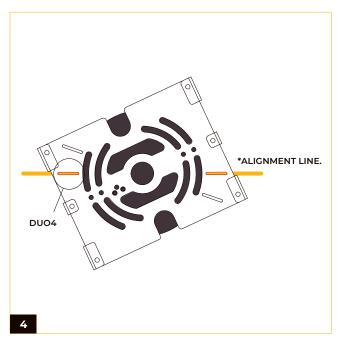
- (A) Unscrew the ring plate on top of the fixture by removing the Phillips screws.
- (B) Disconnect the insulated Black and Red wires from the WAGO Connector. Making sure to set aside all components.



- (C) Loosen the two bolts on the canopy.
- (D) Remove the power module by sliding down the canopy housing.



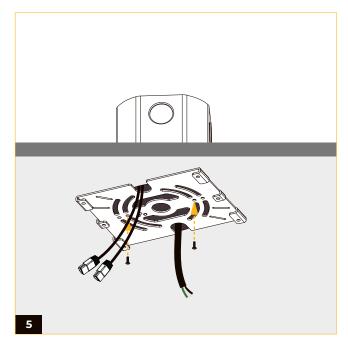
- (E) Remove the two screws on opposite ends of the bracket to loosen the mounting plate.
- (F) Slide the mounting plate out.



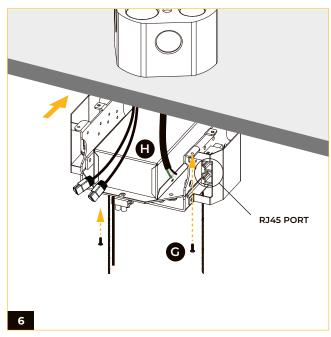
Mark an alignment line on the ceiling and align it with the indicated markers on the mounting plate. The mounting plate will be slanted at an angle in relation to the horizontal line as shown in the diagram.

### DUO 4 DMXRS, DMXRD



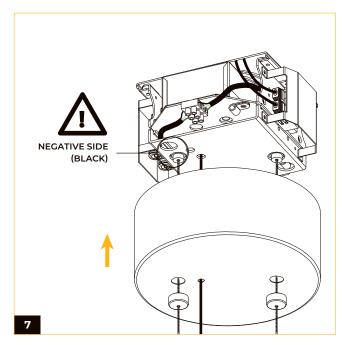


Once aligned, screw the mounting plate into place with 2-3screws on the available ports and thread through the wires from the junction box.

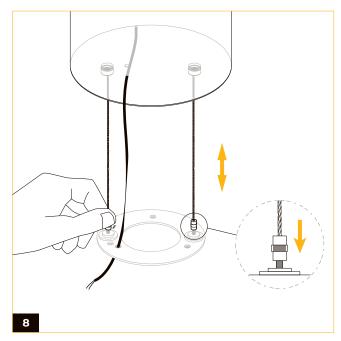


(G) Slide the power module onto the mounting plate and fasten the two screws previously removed on opposite corners of the mounting plate.

(H) First connect the wires from the junction box onto the terminal block, next connect the RJ45 Cables to the available ports. (Refer to the wiring diagram.)



Identify the negative side of the fixture (Marked by a black discoloration and a label sticker), Place the canopy around the power module and fasten the two bolts.

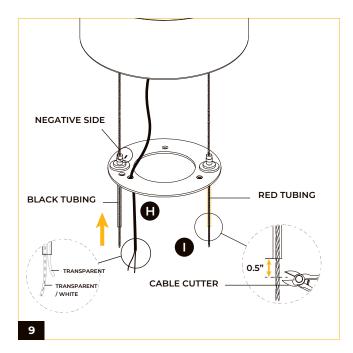


To adjust the cable gripper, simply turn it clockwise by 2-3rotations. Then push down to unclamp the wire. Note: Adjusting the height without attaching the fixture is less strenuous.

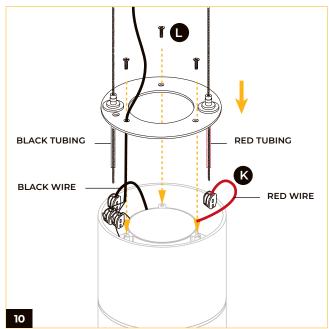
### **INSTALLATION GUIDE**

## DUO 4 DMXRS, DMXRD





- (I) Once adjusted to the right height, you might have some unnecessary cable length. Slip the Black Insulation tubing on the negative side wire and the Red insulation tubing on the other wire, ensuring end to end coverage.
- (J) Leave a 0.5-inch gap before cutting the excess wires using a sharp, professional-grade cable cutter. Cutting unnecessary wire length is essential to prevent contact and short circuits, which can damage the fixture and void the warranty.

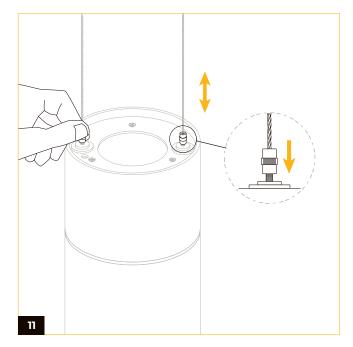


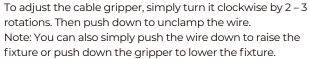
- (K) Bring up the fixture and connect the black wire to the black tubing and the Red wire to the Red tubing, As well as the dimming WAGO connectors to the dimming wires available.
- (L) Screw three Phillips screws on the ring plate.

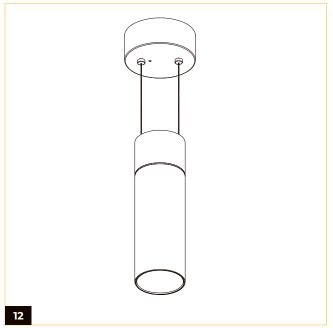
### **INSTALLATION GUIDE**

# DUO 4 DMXRS, DMXRD









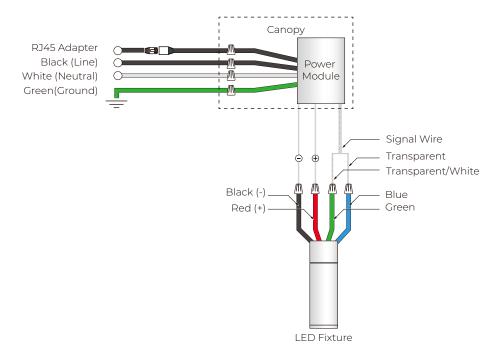
Installation Complete.

### **DUO 4 WIRING DIAGRAM**



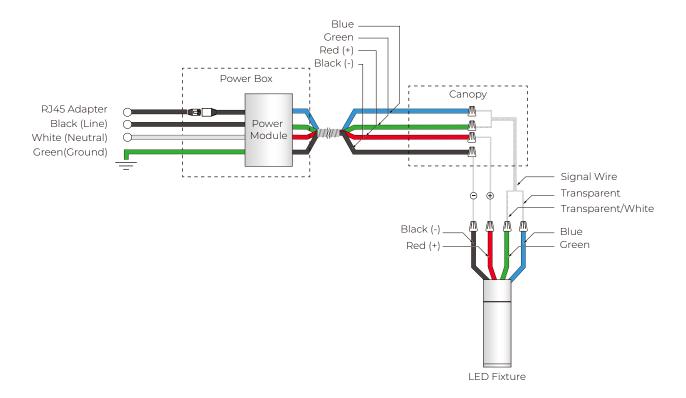
### **WIRING DIAGRAM**

DMXRS / DMXRD \*Not to scale



### DMXRS / DMXRD (Remote Power)

\*Not to scale



### **DUO 4**



#### **TROUBLESHOOTING**

Only a certified electrician can service and troubleshoot product field issues. Always turn main power off before servicing fixture.

#### **FULL FIXTURE DOES NOT ILLUMINATE**

- ENSURE THERE IS NO CONTACT OF POWERED SUSPENSION CABLES TO FIXTURE OR SHORT CIRCUIT WILL OCCUR!
- ENSURE POWERED SUSPENSION CABLES ARE ATTACHED TO CORRECT POLARITIES ON FIXTURE AND INSIDE CANOPY. SEE LABELS/MARKING ON FIXTURE FOR DETAILS.

#### **FULL FIXTURE IS FLICKERING**

- POSSIBLE INTERMITTENT SHORTING BETWEEN POWERED SUSPENSION CABLES AND FIXTURE. ENSURE THERE IS NO CONTACT OF POWERED SUSPENSION CABLES TO FIXTURE.
- 0-10V: ENSURE POLARITY IS CORRECT FOR + AND CONNECTIONS. SWAPPING + AND CONNECTIONS CAN CAUSE FLICKERING.
- LTE DIMMING MODELS: ENSURE A COMPATIBLE LTE FORWARD PHASE DIMMER IS CONNECTED TO FIXTURE. CALL TECH SUPPORT FOR FURTHER INFORMATION.

### FIXTURE SECTION(S) DO NOT ILLUMINATE

- POSSIBLE LOOSE LOW VOLTAGE DC + OR CONNECTION BETWEEN LED BOARDS OR FROM LED DRIVER TO LED BOARDS.
- SOME FIXTURES NEED MULTIPLE LED DRIVERS. IN THIS CASE, IT'S POSSIBLE ONE OF THE DRIVERS IS DEFECTIVE, WHICH WILL CAUSE THE LED CONNECTED TO THE DRIVER NOT TO ILLUMINATE. CALL TECH SUPPORT.
- · ENSURE NO WIRES ARE PINCHED BETWEEN PARTS AFTER JOINING CONNECTORS.

### FIXTURE SECTION(S) DO NOT ILLUMINATE

- 0-10V, DMX, AND DALI DIMMING MODELS: ENSURE POLARITY IS CORRECT FOR + AND CONNECTIONS. SWAPPING + AND CONNECTIONS CAN CAUSE FLICKERING.
- LTE DIMMING MODELS: ENSURE A COMPATIBLE LTE FORWARD PHASE DIMMER IS CONNECTED TO FIXTURE. CALL TECH SUPPORT FOR FURTHER INFORMATION.
- POSSIBLE LOOSE + AND CONNECTIONS FROM FIXTURE TO 0-10V CONTROL.