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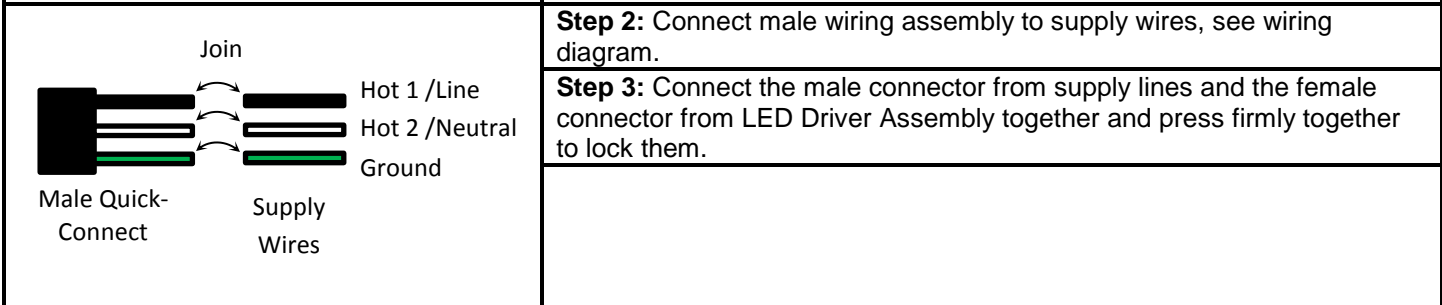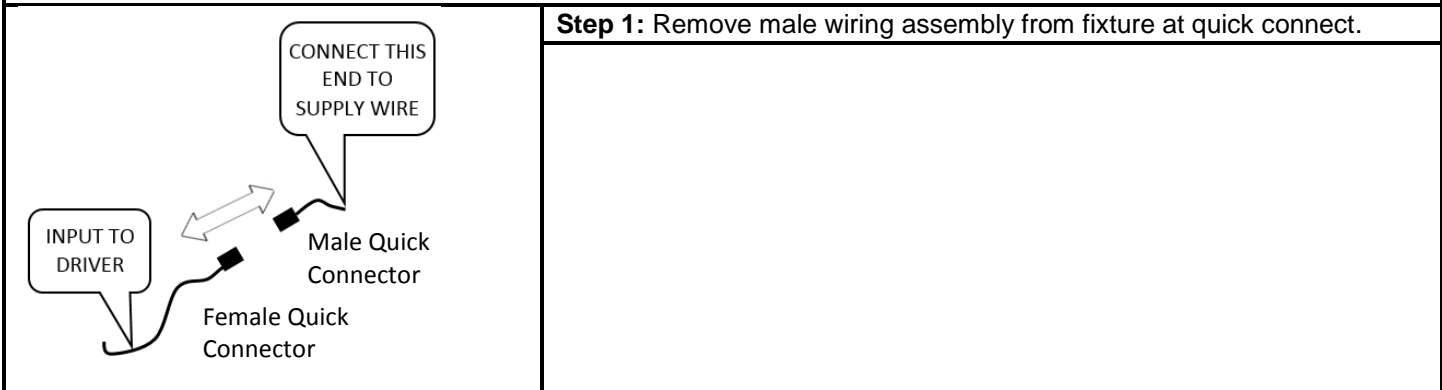| Installation Instructions	Product: RW30XCC-WM
Effective Date: August 30, 2019	**Part Description: Ø6" Rialta Color Changing-WM**

⚠	**WARNING:** To avoid fire, shock or death, turn off and lockout power before performing any maintenance.
⚠	**CAUTION:** This Fixture must be wired in accordance with the National Electric Code (NEC) and all applicable local codes. Proper grounding is required. A qualified electrician must do all work.
⚠	**SCOPE:** These instructions are general guidelines for the installation of the wall mount assembly and fixture. It is the installer's responsibility to comply with related codes and to ensure the final condition and correctness of the installation. These instructions do not cover the installation of the supply and DMX signal conduits.

A. Wall Mount Installation

Wall Plate Wall Mount Box Set Screws	**Step 1:** Unbox the product. Recycle packaging materials responsibly.
	Step 2: Remove and retain set screws at bottom of wall mount box.
	Step 3: Remove plate from box, pulling bottom out first.
3.00 [76.2] Allows up to 0.25 in O.D. screws Ø0.78 [Ø19.8] 6.00 [152.4] 3.00 [76.2] 1.50 [38.1]	**Step 4:** Using wall plate provided, mark and drill mounting and supply holes into mounting surface.
	Step 5: Secure plate to wall using hardware suitable for fixture size and weight. Hardware not included.

DMX Network Cable Loop Supply Wires	**Step 6:** Route the supply wires and loop DMX network cable up through center of plate.
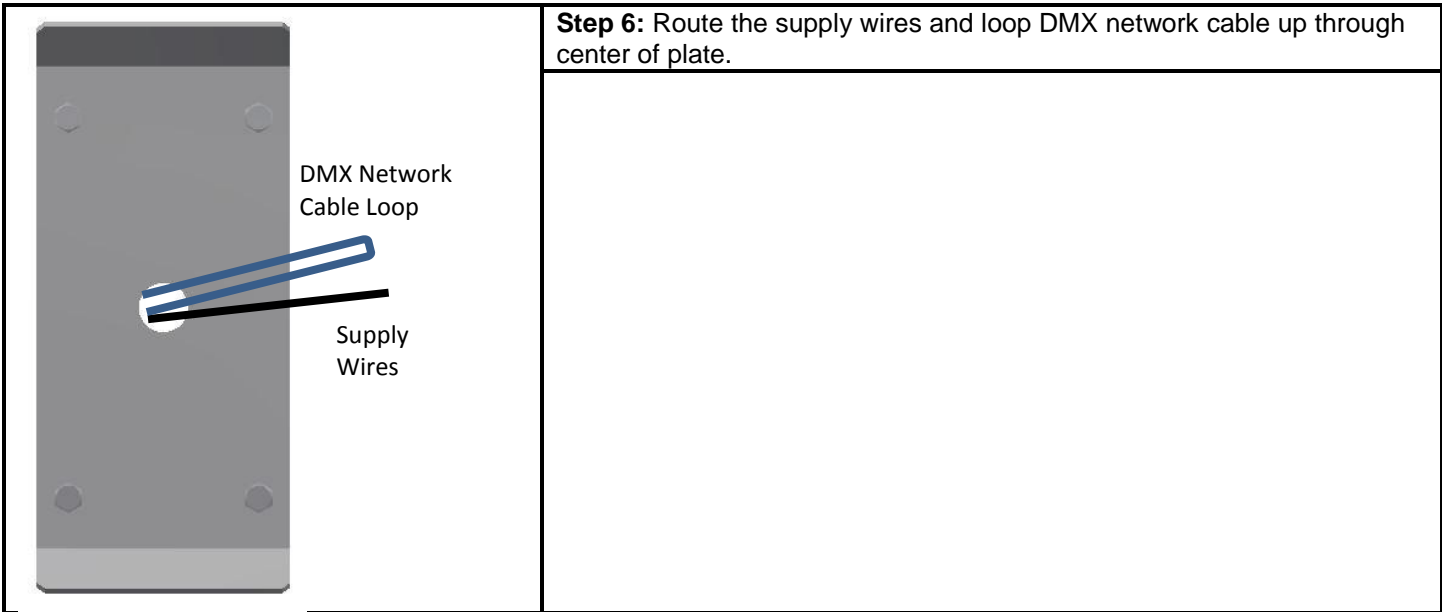
B. Electrical Wiring (Power)	
CONNECT THIS END TO SUPPLY WIRE INPUT TO DRIVER Male Quick Connector Female Quick Connector	**Step 1:** Remove male wiring assembly from fixture at quick connect.
Join Hot 1 /Line Hot 2 /Neutral Ground Male Quick-Connect Supply Wires	**Step 2:** Connect male wiring assembly to supply wires, see wiring diagram.
	Step 3: Connect the male connector from supply lines and the female connector from LED Driver Assembly together and press firmly together to lock them.

C. Electrical Wiring (Basic DMX)
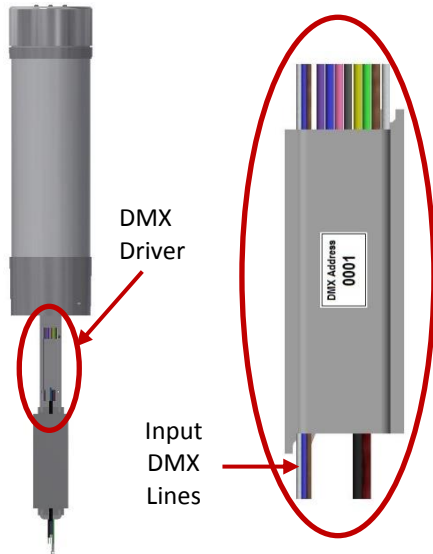
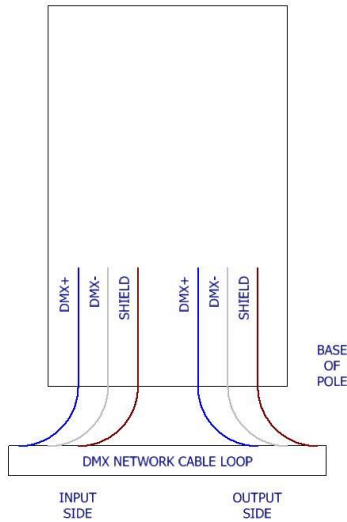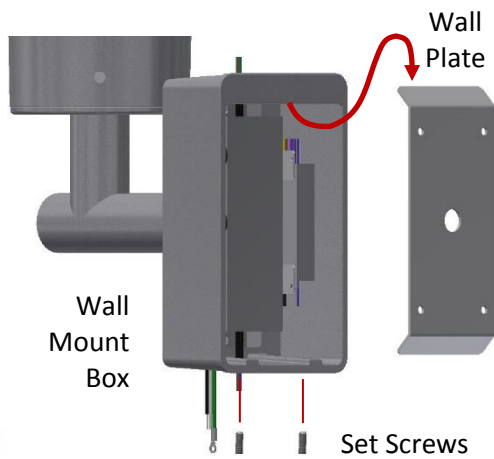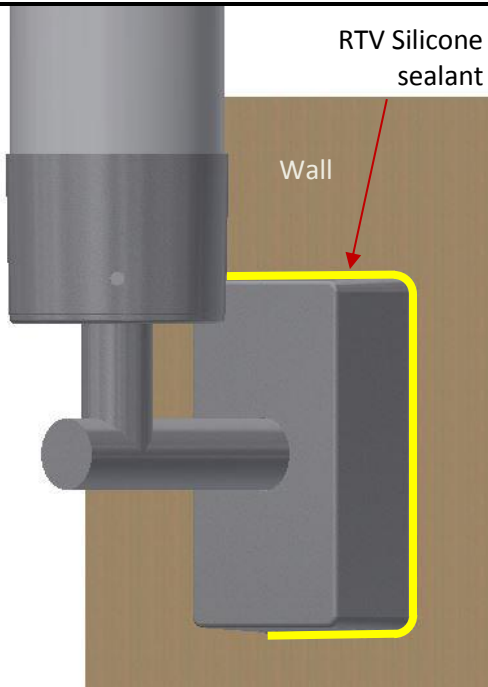|	
DMX Driver Input DMX Lines	**Step 1:** Find DMX address on DMX driver.
	Step 2: Place address on site map at pole location.
	Step 3: Find input DMX terminals.
	Step 4: Open the DMX network cable loop (see Step A6) in the center of wall plate. Create an input and output set of three wires: DMX+, DMX-, and Shield.
	Step 5: Join driver input DMX lines to the DMX network cable input and output lines. This will form three 3-way connections.
	Note: These instructions are focused on the connections at the wall plate. A certified DMX network installer is needed to handle all other aspects of the DMX installation.
	Note: It is recommended to limit the number of DMX devices in a run to 25. The overall length of a run must not exceed 2,000 ft.
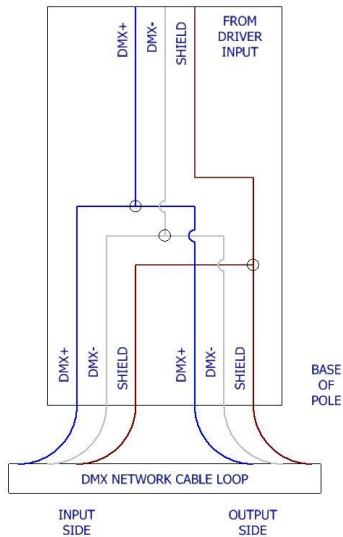
| D. Mounting Luminaire	
  Wall Plate Wall Mount Box Set Screws	**Step 1:** With wall plate securely mounted to wall, slip wall mount box over top of plate.
	Step 2: Rotate bottom of box over plate. Snug box against wall.
	Step 3: Insert set screws to secure box against wall.
  RTV Silicone sealant Wall	**Step 4:** Apply a bead of clear RTV silicone sealant (shown in yellow) along outer edge of box to seal joint to wall. Seal all four sides.

E. Software/Control Wiring (Basic)

Notes:
1. Diagram shows general interconnection / relationship of components.
2. Touch screen can be wall mounted into back box. Touch screen user interface is stored on SD card.
3. All components (below) must be installed indoors.
4. Route DMX cabling from DMX Out terminal (below) to each luminaire outdoors in a daisy chain fashion. Splitting the DMX network cable requires a DMX splitting device (not provided).
5. Recommend use of 3rd party commissioning agent for Software and DMX system setup.
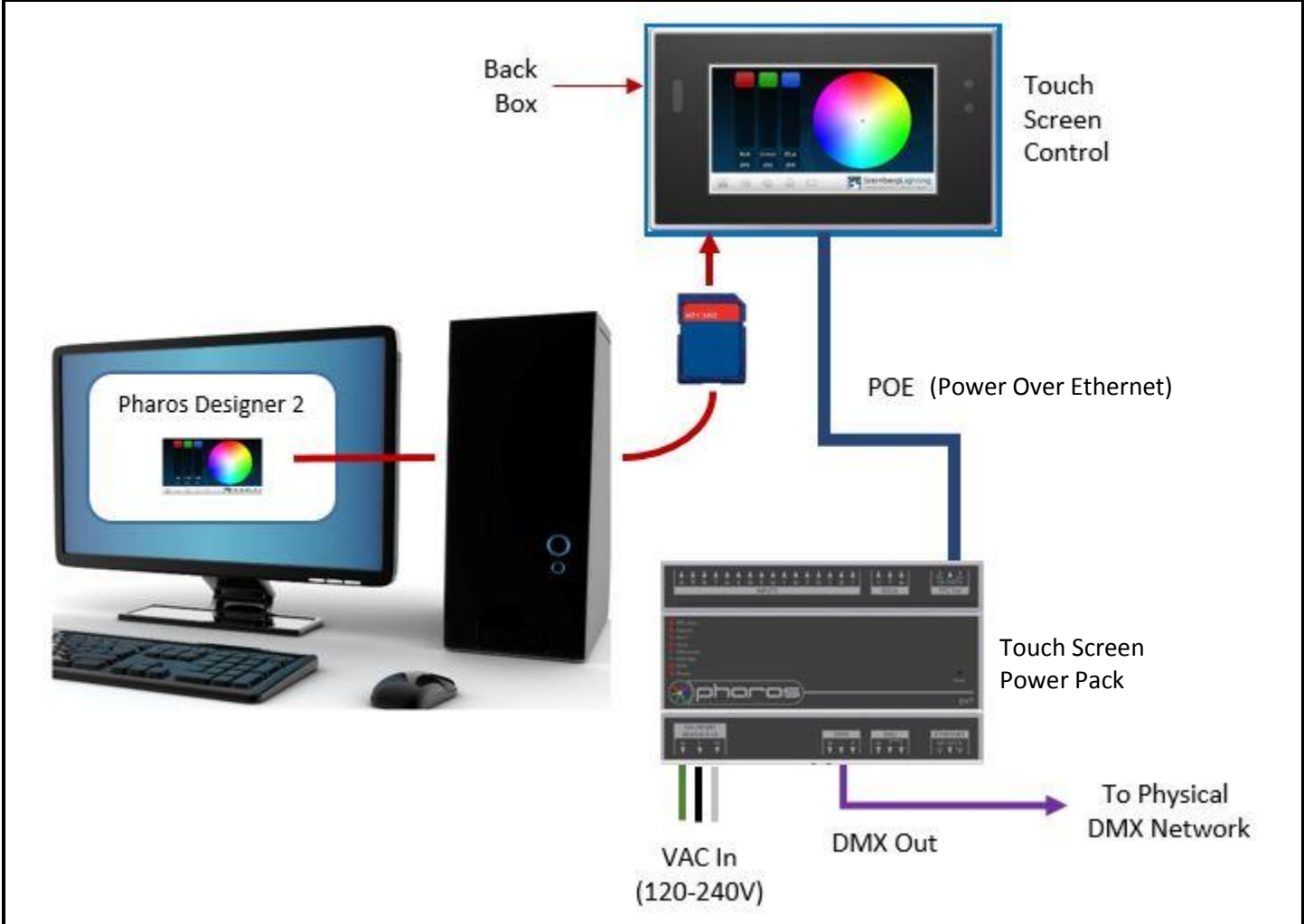
F. Power-Up Test to Verify Luminaire Wiring
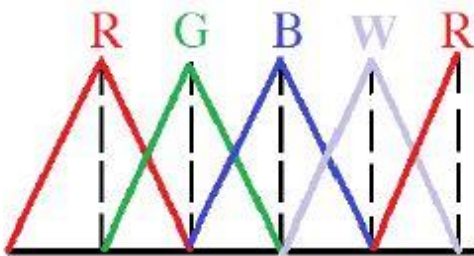
	Step 1: De-energize touch screen power pack (see Section E). This will deactivate the DMX network.
	Step 2: Energize AC power to luminaire.
	Step 3: Luminaire should cycle **quickly** through a blend of colors that emphasize R, G, B, and W and then repeat.
	Note: There will be a 5-10 second delay prior to start. This denotes that the luminaire is working. All luminaires should behave the same. The cycle time is about 10 Secs.

	Step 4: Energize the touch screen power pack (see Section E).
	Note: Luminaire will turn OFF as the software and control start up. This may take 30-60 Seconds and is normal.
	Step 5: Luminaire will cycle **slowly** through a blend of colors.
	Note: The slowness should be obvious. The cycle time is about 30 Sec. This means the DMX network is functioning. If no customization of the software interface has occurred, only the first 10 DMX addresses will respond to this task.

Revision History				
Rev	Description of Revision	Release Date	Design Engineer Author	Manufacturing Engineer Approval
A	Initial Release	08/30/2019	D. Osowski	Grant Burton