

# Bright Star 4 in 1 RGBW LED Wall Washer - 24VDC

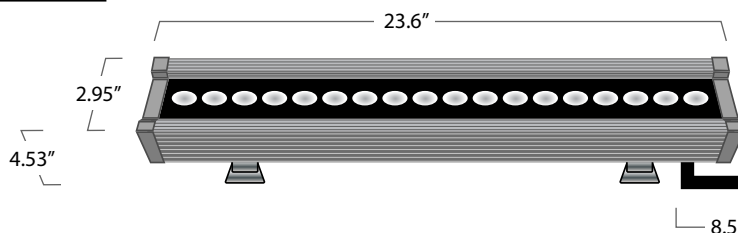
SKU: WW-LG-WALL-24-RGBW

**ECOLOCITY**  
LED LIGHTING SOLUTIONS

1092 Greg Street  
Sparks, NV 89431  
ECOLOCITYLED.COM  
775-636-6060



## SPECIFICATIONS



Black Wire  
(-) White Input  
Blue Wire  
(-) Blue Input  
Grey Wire  
(-) Green Input  
Red/Orange Wire  
(-) Red Input  
Tan Wire  
(+) 24VDC+ Input

Product SKU : WW-LG-WALL-24-RGBW  
LED Type: Epistar RGB 4in1  
LED Quantity : 18 x 3.5Watt LEDs  
Input Power : 24VDC Constant Voltage  
Watts : 65W  
Operating Temp : -31° ~ 149°F  
Operating Lifetime: 50,000 Hours  
Beam Angle : 45°  
Rating : IP65  
Warranty Period : 1 Year

**Input Power: 24VDC Constant Voltage**

Power supply equation

$$X * 65.0 = Y$$

*X = amount of LED fixtures*

*Y = minimum transformer wattage*

## PRECAUTIONS



**WARNING** - This product should be installed, cut and connected only by a qualified professional.



**NEVER** cut, connect, or join wires while product is connected to a live power source.



**24VDC** Use 24VDC Input Only!



**DO NOT** daisy chain more than 1 RGBW fixtures without wiring in a parallel connection.

\*see installation guide



**DO NOT** use AC Input!



**DO NOT** operate in any environments over 149°F.



This product is not designed to be submersed or installed in areas with standing water.



**BE CERTAIN** your 24VDC source, RGBW controller and wire gauge is suffice for power load.

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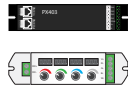
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## INSTALLATION

### REQUIRED SUPPLIES



Wrench and mounting supplies



24VDC RGBW Controller or 4CH DMX Driver

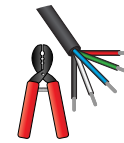


24VDC Power Supply

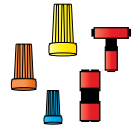
### OPTIONAL SUPPLIES



80" RGBW Flood Light Jumper Wire



Outdoor Wire and Wire Strippers



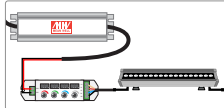
Wire Nuts or Connectors

#### 1.) Mount Fixture



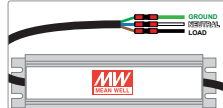
Mount your RGBW Fixture to a secure surface. If possible mount the fixture where it can be slightly gaarded from UV and outdoor elements.

#### 2.) Connect Controller



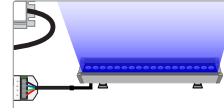
Always be certain power is disabled before connecting! Connect the 5 pair wires from the fixture to your RGBW controller, then the 2 pair wires from power supply to DC input.

#### 3.) Connect Transformer



**WARNING – This step should be done by a qualified professional.** Always disable AC power before connecting! Use wire nuts or connectors to secure your AC input to your 24V transformer.

#### 4.) Turn on Power to Test



Once the light has been wired and mounted you can now turn on power to your 24VDC source. Repeat these steps and use parallel connections for multiple fixtures.

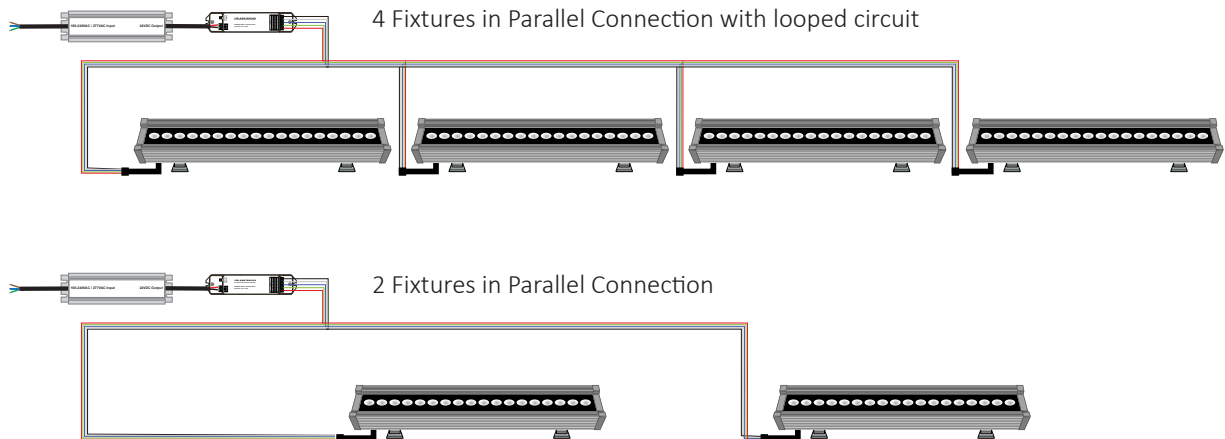
#### 5.) Adjust Light Position



Once the light has been wired, mounted and tested you can now adjust the angle of the fixture for ideal light output. Tighten wing nuts on each side to secure.

## CONNECTION EXAMPLES: 65 Watts per fixture

### ✓ Do Connect these ways!



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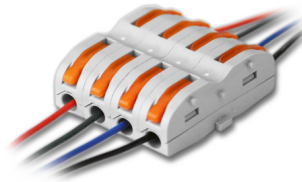
## RGBW FIXTURE ACCESSORIES



24VDC Power Supplies



RGBW LED Controllers



Wire Connectors



DC Connection Wire

## HELPFUL LINKS:

**24VDC Power Supplies** - [https://www.ecolocityled.com/category/led\\_power\\_supplies\\_24v](https://www.ecolocityled.com/category/led_power_supplies_24v)

**RGBW LED Controllers** - <https://www.ecolocityled.com/category/4ch-led-controls>

**RGBW Connection Wire** - <https://www.ecolocityled.com/product/5-wire-dc-connect>

**Wire Connectors** - [https://www.ecolocityled.com/category/wire\\_connectors](https://www.ecolocityled.com/category/wire_connectors)

**DMX Lighting Controls** - [https://www.ecolocityled.com/category/dmx\\_lighting\\_control](https://www.ecolocityled.com/category/dmx_lighting_control)