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
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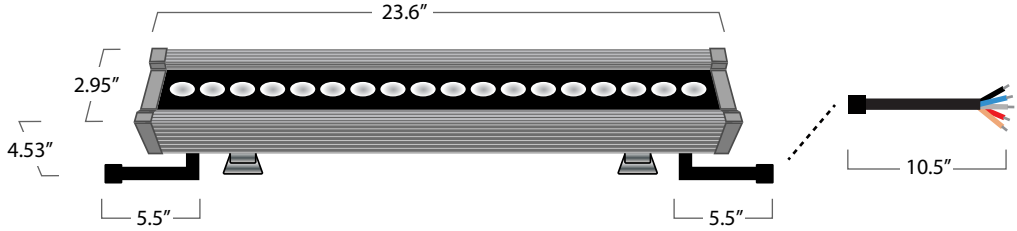
775-636-6060

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!

2+ DO NOT daisy chain more than 2 RGBW fixtures without providing 24VDC power every third fixture.
*see installation guide

120VAC 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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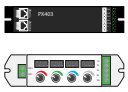
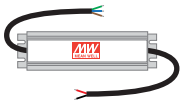
Installation

REQUIRED SUPPLIES

Wrench and mounting supplies



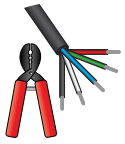
24VDC RGBW Controller or 4CH DMX Driver



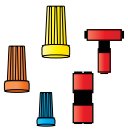
24VDC Power Supply

OPTIONAL SUPPLIES

80" RGBW Flood Light Jumper Wire



Outdoor Wire and Wire Strippers

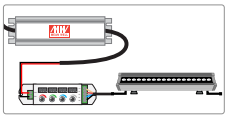


Wire Nuts or Connectors

1.) Mount Fixture

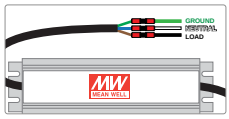
Mount your RGBW Fixture to a secure surface. If possible mount the fixture where it can be slightly gaurded from UV and outdoor elements.

2.) Connect Controller



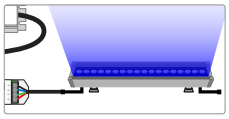
Always be certain power is disabled before connecting! Connect the 5 pair wires from the fixture to your RGBW controller, then the 2 pair wires from power supply to DC input.

3.) Connect Transformer



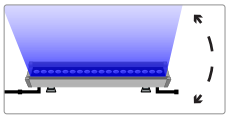
WARNING – This step should be done by a qualified professional. Always disable AC power before connecting! Use wire nuts or connectors to secure your AC input to your 24V transformer.

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.

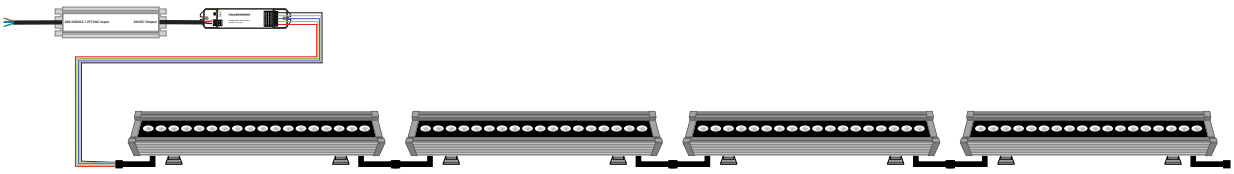
5.) Adjust Light Position



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.

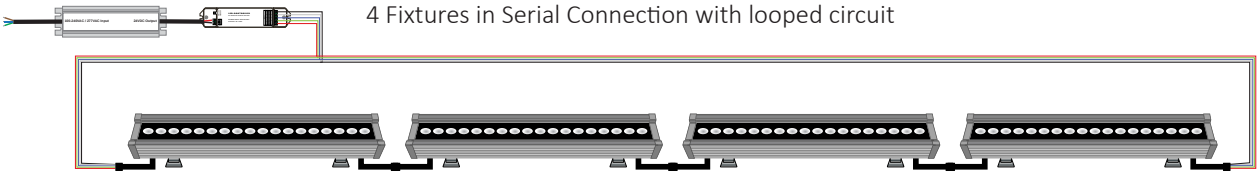
Connection Examples: 65 Watts per fixture

✘ **Do NOT Connect this way!** (No more than 2 fixtures in serial connection)

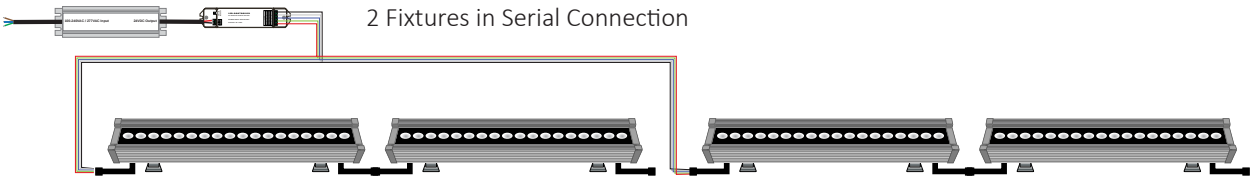


✔ **Do Connect these ways!**

4 Fixtures in Serial Connection with looped circuit



2 Fixtures in Serial Connection



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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*
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*
DMX Lighting Controls - *https://www.ecolocityled.com/category/dmx_lighting_control*