

4.1" Round RGBW LED Ceiling Light - 24VDC

SKU: LD-LG-4R-RGBW



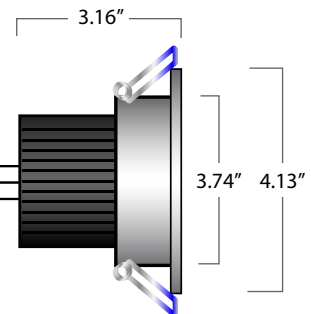
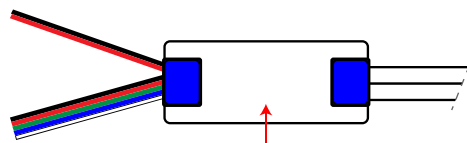
ECOLOCITY
LED Lighting Solutions

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

SPECIFICATIONS

24VDC Power } 24VDC-
24VDC+

RGBW Controller } 24VDC+
Red-
Green-
Blue-
White-



Product SKU : LD-LG-2R-RGBW
LED Type: Epistar RGBW 4in1
LED Quantity : 5 x 8Watt LEDs
Input Power : 24VDC Constant Voltage
Watts : 40W
Operating Temp : -22° ~ 144°F
Operating Lifetime: 50,000 Hours
Beam Angle : 60°
Rating : IP44
Warranty Period : 1 Year

Input Power: 24VDC Constant Voltage

Power supply equation

$$X * 40.0 = Y$$

X = amount of LED fixtures

Y = minimum transformer wattage

PRECAUTIONS



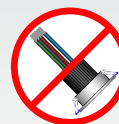
WARNING - This product should be installed, cut and connected only by a qualified professional.



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



24VDC Use 24VDC Input Only!



DO NOT install this light without the included driver. The driver is required to operate the fixture.



120VAC DO NOT use AC Input!



DO NOT use in direct sunlight.
DO NOT use in environments over 140°F.



This product is not designed to be installed in wet or damp environments.



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

EcolocityLED.com
info@EcolocityLED.com

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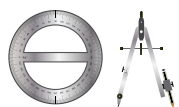
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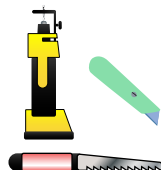
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INSTALLATION

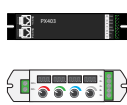
REQUIRED SUPPLIES



Circle Marking Compass
or Template Tool



Drywall Cut-Out Tool
Saw or Utility Knife



24VDC RGBW Controller
or 4CH DMX Driver

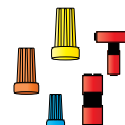


24VDC Power
Supply

OPTIONAL SUPPLIES

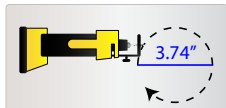


Stranded Wire and
Wire Strippers



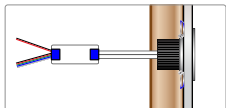
Wire Nuts or
Connectors

1.) Measure Hole & Cut



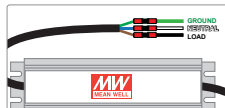
Use a circle compass or circle template tool to mark a 3.74" (95mm) diameter hole in your drywall or mounting surface. Use your preferred cutting tool to cut circle for mounting.

2.) Mount Fixture



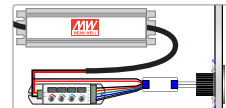
Feed the included driver and connection wires through your 3.74" (95mm) mounting hole. Bend back mounting springs and secure the RGB fixture into place.

2.) Connect Transformer



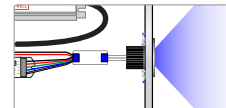
WARNING – This step should be done by a qualified professional. Always disable AC power before connecting! Use wire nuts or connectors to secure your AC input to your 24V transformer.

3.) Connect Controller



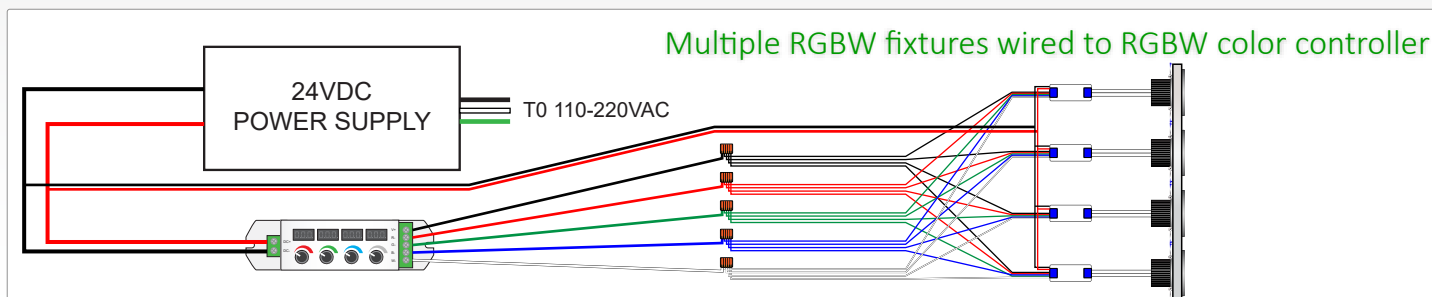
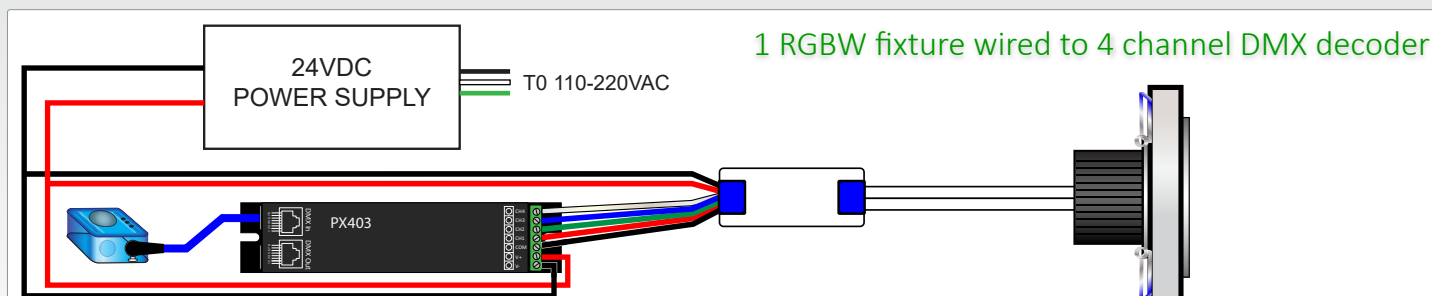
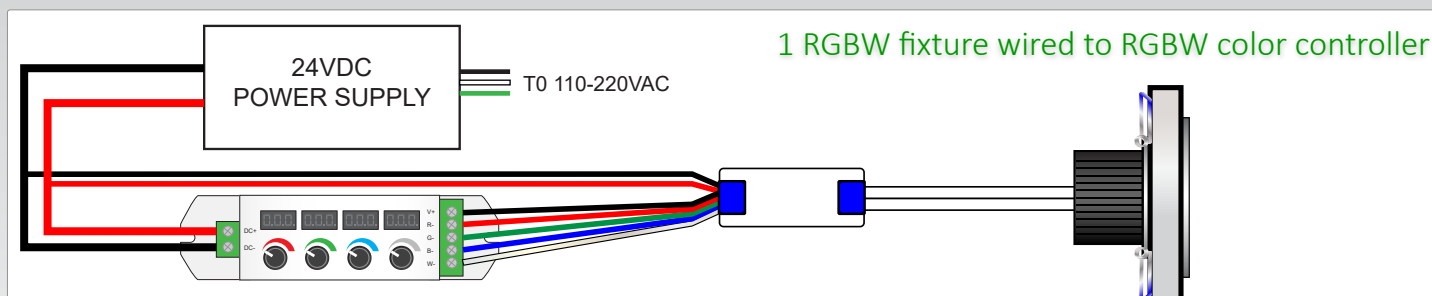
Always be certain power is disabled before connecting! Use the 5 pair wires from the light driver and connect your RGBW controller. The two pair will connect to your 24VDC source.

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.

CONNECTION EXAMPLES: 40 Watts per fixture



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RGBW Fixture Accessories



24VDC Power Supplies



RGBW LED Controllers



Wire Connectors



DC Connection Wire

HELPFUL LINKS:

24VDC Power Supplies - http://www.ecolocityled.com/category/led_power_supplies_24v

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

RGBW Connection Wire - <http://www.ecolocityled.com/product/rgbw-led-wire-5c>

Wire Connectors - http://www.ecolocityled.com/category/wire_connectors

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