

# RV Awning Light Kit Wiring Diagram

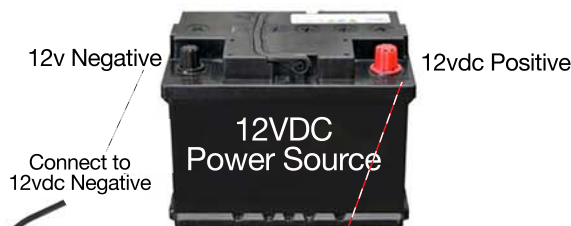
## RGBWW LEDs with Wireless RF Controller

The SUPER RGBWW LED controller included with our standard awning light kit is rated to power up to 2 - 300 LED RGBWW strips. Each 300 LED RGBWW strip will draw about 3.5 amps on full power (max brightness, white). Make sure you are connecting the controller to a power source capable of handling the amperage draw.



RGBWW RF M7 Remote (Long Range)

The RGBWW LED Controller pictured is the SUPER version. The wiring is the same for the HEAVY DUTY version.



Connect to 12vdc Negative

Connect to 12vdc positive

In-line Fuse Holder

Yellow Antenna Wire\*  
Remains unconnected.

**RGBWW LED Strip**  
Black, Red, Green, Blue  
White, Grey Wires

Connect each power output wire on the controller with their respective color on the RGBWW Power Lead. Each wire represents its respective light color. White = Warm White. Grey = Cool White. Black is the Ground wire.

RGBWW LED strip has 6 power lead wires.

Optional 120/110vac Power Converter



### 120/110VAC APPLICATIONS

If you are using the optional 110VAC power adapter instead of 12vdc power, you would connect the POSITIVE wire coming from the 110VAC power adapter to the POSITIVE wire of the controller. Connect the NEGATIVE wire coming from the 110VAC power adapter to the black wire of the controller (which is the ground wire). Then, plug in the 110VAC power adapter cable into your 110VAC power source.

\* Yellow antenna wire may not be present in all RF models.