

## SHWC Series Universal Power Repeater Specification Sheet

Project Name	Type
Catalog #	Date

### PRODUCT OVERVIEW

The GM Lighting SHWC power repeater is designed to expand power output and enable LED controllers to control more fixtures over multiple runs. This repeater is a Universal Device that can expand Static White, Tunable White and up to 4 channel RGBW SHWC controls.



### FEATURES

- Use with all Smart SHWC controllers (1 to 4 channels)
- 12 to 24VDC input
- 5A per channel
- Ability to add more power
- Can control an unlimited number of repeaters
- Parallel connection
- Multiple repeaters can be connected together for longer runs
- Recommended for indoor use
- 3 year warranty

### SPECIFICATIONS

#### ELECTRICAL

- 12 to 24 VDC input
- 20A max. load current, 5A per channel
- 240W max. power @ 12V (60W per channel)
- 400W max. power @ 24V (100W per channel)
- 4 channels / 5-wire

#### HOUSING

- Black plastic enclosure

#### OPERATING TEMP

- -4 to 122°F (-20 to +50°C)

#### CERTIFICATION

- FCC compliant

#### WARRANTY

- 3-year warranty



### ORDERING INFORMATION

Example: SHWC-RGBW-RPT

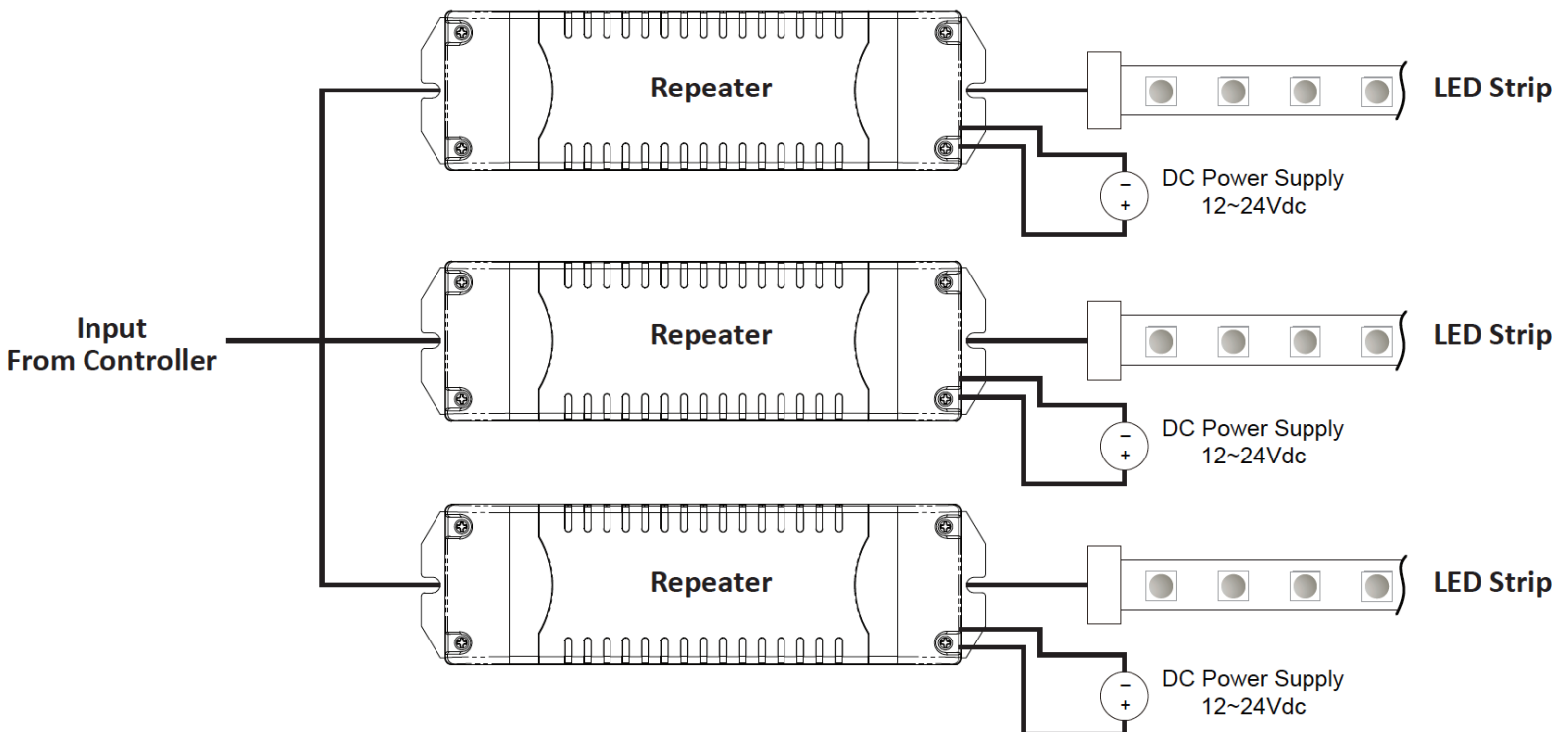
Model	Description
SHWC-RGBW-RPT	Universal Smart Power Repeater



### WIRING DIAGRAM

#### Multi Repeater Connection

*For 12VDC input, use 60W max. for Class 2 operation  
For 24VDC input, use 96W max. for Class 2 operation*



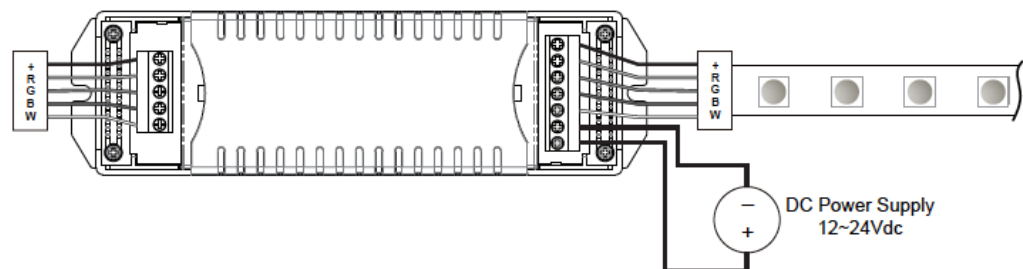
#### APPLICATION NOTE:

These control devices are rated for 240W (12V), 400W(24V) max. due to fact that 60W(12V) or 100W(24V) may be put into any one channel at a time. As a system, it is not meant to use full 240W(12V) or 400W(24V) into all 4 channels at the same time. To Keep to Class 2 operation, use GM 60W(12V) or 96W(24V) max. driver per control.

#### RGBW connection (4 channels)

#### SHWC-RGBW

Input signal from Controller



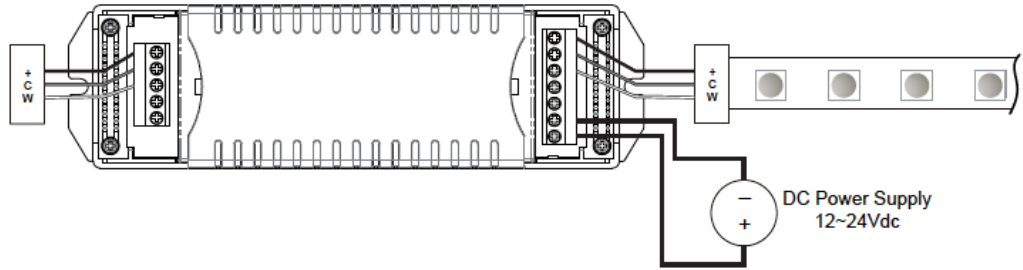
## SHWC Series Universal Power Repeater Specification Sheet

### WIRING DIAGRAM

Dual color connection (CCT, 2 channels)

SHWC-CCT

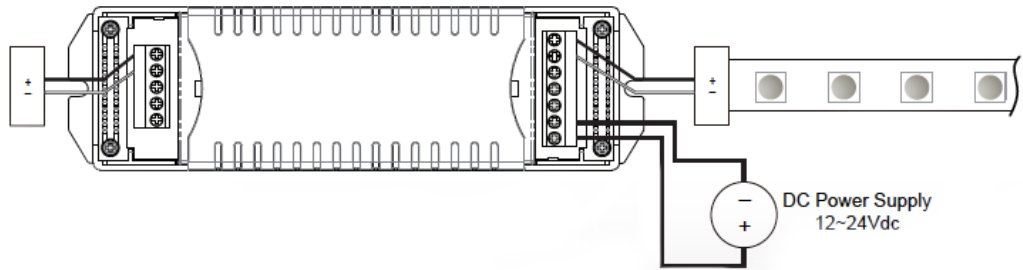
Input signal from Controller



Single color connection (1 channel)

SHWC

Input signal from Controller



### DIMENSIONS

