# SPI RGBW LED BACK LIGHT MODULES

**MODEL**: GLMD160

ledworldlighting.com | ledworld.ca
1-800-387-4081

## FEATURES

- LED Modules are sealed to IP68 Standard.
- Peel & stick adhesive back or screw mount.
- 5050 SMD RGBW Digital chip ideal for color chasing
- Low voltage, energy efficient, virtually no maintenance. Can be cut between each module (by locally licensed electricians).
- UCS2904 chip

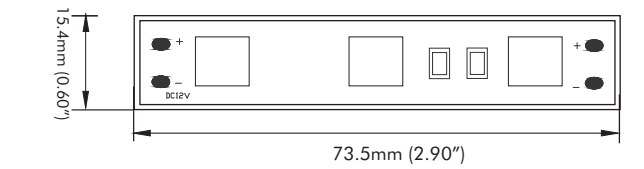
## APPLICATIONS

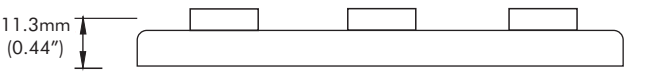
- Concealed Lighting
- Backlighting for Signage letter
- Channel Letter lighting

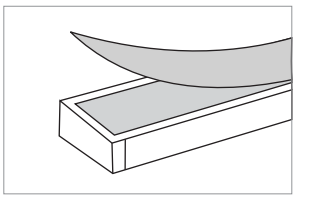
## SPECIFICATIONS

| | |
|---|---|
| Max Voltage | 12VDC (Class 2 type) |
| Wattage | 0.96 each module |
| Set Length | 3.87ft (1.18M)/7 Modules |
| Watt/Set | 6.72W (7 modules) |
| Dimensions | 73.5(L) x 15.4(W) x 11.3(H)mm (2.90" x 0.60" x 0.44") |
| Weight | 5g (each module) |
| Rated Current | 61.6mA/module |
| Housing | ABS |
| LEDs Type | 5050 SMD RGBW LEDs |
| LED Angle | 120° |
| IP Rating | IP68 not including connection |
| Brightness | 36.4 lm/module (all on) |
| Modules/Set | 7 per pack, 80mm(3.14") wire spacing |
| Certifications | UL |
| Max Run | 42 modules by wire (20 AWG) |

## DIMENSIONS

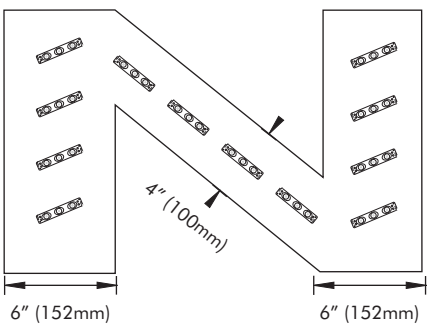


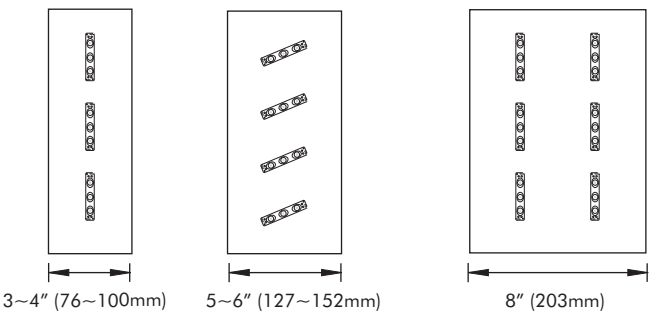



Remove PE adhesive tape on the back of the product, then stick to the objects where you want

## SUGGESTED LETTER CHANNEL MODULE SPACING GUIDE

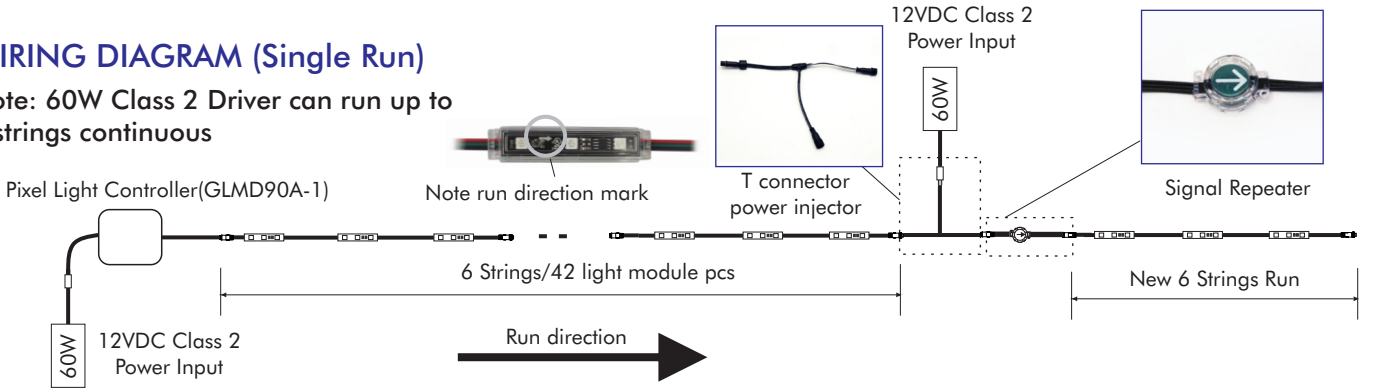



## SUGGESTED CHANNEL MODULE SPACING GUIDE




## WIRING DIAGRAM (Single Run)

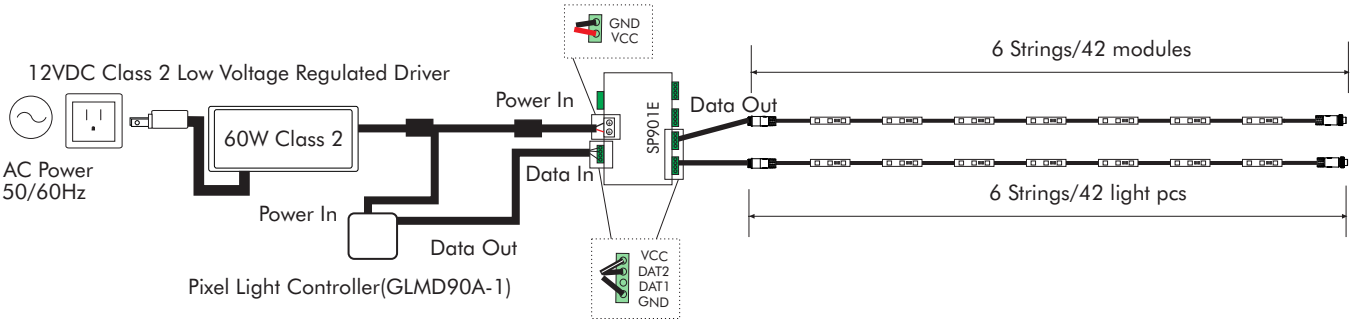
**Note: 60W Class 2 Driver can run up to 6 strings continuous**



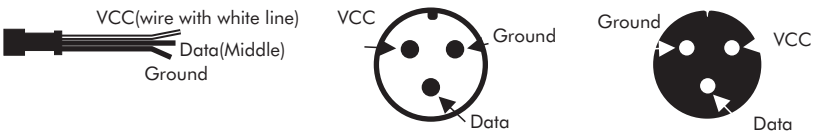



Copyright © 2025 LED WORLD INC™. All Rights Reserved. We are not responsible for errors or omissions. Product and specifications subject to change without notice. Registered trademarks are owned by their respective registers, or licensee(s).

## WIRING DIAGRAM (Multiple Runs)




Use CAT-5 cable if distance between color controller and SP901E is more than 15ft




Data Cable | Male End | Female End



Copyright © 2025 LED WORLD INC™. All Rights Reserved. We are not responsible for errors or omissions. Product and specifications subject to change without notice. Registered trademarks are owned by their respective registers, or licensee(s).