

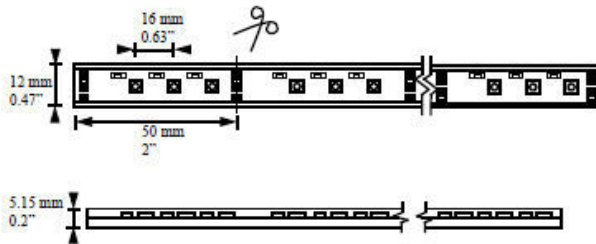
# HIGH LUMEN LED RIBBON

RGB

12V - 120°



## DIAGRAMS - DIMENSIONS



## SAMPLE APPLICATION



## OPTIONS

RBN-CLP	Mounting clip L 31 mm x W 7 mm x H 7 mm (L 1.22" x W 0.28" x H 0.28")
D-SIDE-TAPE	Double sided tape - 1 roll 50 m (164 ft)
DOW832	Silica gel adhesive
705-RTV-SILICONE	Silicone adhesive
RBN-TK	Termination kits (3 ft lead installed)
RBN-LEAD	Extra lead for termination
RBN-END	LED ribbon end caps
RBN-START	LED ribbon start caps

## FEATURES

- Low Voltage 12V DC
- IP68 - Submersible
- Flexible PCB Board
- SMD LEDs
- Silica Gel Jacket

## APPLICATION

- Patio Outline
- Accent Lighting
- Cove Lighting
- Under Cabinet
- Walkway
- Indoor or Outdoor
- Architectural, Building, Linear Outlining

## SPECIFICATIONS

### Lighting

LED	SMD LED 59 LED/m (18 LED/ft) Red - 250 mcd Green - 700 mcd Blue - 150 mcd
Beam Angle	120°
Colour	RGB
Avg Life	50,000 hr
Lumen	Red - 4500 mcd/ft Green - 12600 mcd/ft Blue - 2700 mcd/ft


### Electrical

Input Voltage	12V LED Driver Do not plug directly into 120V
Connections	Order termination kits or solder leads in field
Power Draw	14 W/m (4.32 W/ft) 360 mA
Operating Temp	-45°C to 85°C High ambient temperature will shorten LED life
Circuit	In parallel

### Mechanical

Housing Construction	Flexible PCB board Silica gel jacket
Modules	Min cut length 5 cm (2") 3 LEDs per cut
Max Length	5 m (16 ft) per run
Weatherability	IP68 (submersible)

## DIMMING

	PWM-12V-3CH 3 x 30W LED Ribbon Dimming Module Requires 0-10V Dimming Control
---	---

Drivers*	Power	Max. Length
SBLT-1025-24	25 W	5.78 ft
SBLT-1060-24	60 W	13 ft

\*Other driver wattage available





①



①

#### CONTROLLERS

HJ-KZQ-RGB  
DMX input/output  
7 Colour Changing, Dimming, Flashing  
RF Remote  
Max Power: 240W 10A

②



②

CS-PV-DIAL  
DMX 3 Channels Controller  
7 Colour Changing, Dimming  
Max Power: 96W 4A  
Requires LED Driver

③



③

BLSB-CONT-RF-T88  
RGB Controller with RF Remote  
7 Colours, Flashing, Strobe, Fade, Smooth  
Max Power: 240W 3A

④



④

BLSB-CONT-IR-T80  
RGB Controller with IR Remote  
12 Colours, Flashing, Strobe, Fade, Smooth  
Max Power: 240W 3A