

LED BACK LIGHT MODULES

MODEL: BV-Strip LBL-50-3-12V-W

LED WORLD INC
1800-387-4081
www.ledworldlighting.com

FEATURES

- LED Modules are sealed to IP67 Standard.
- Peel & stick adhesive back or screw mount.
- 5060 SMD Tri chip. Three LEDs in each chip x 3 SMD LEDs.
- Low voltage, energy efficient, virtually no maintenance. Can be cut between each module (by locally licensed electricians).
- UL recognize component (SAMS)

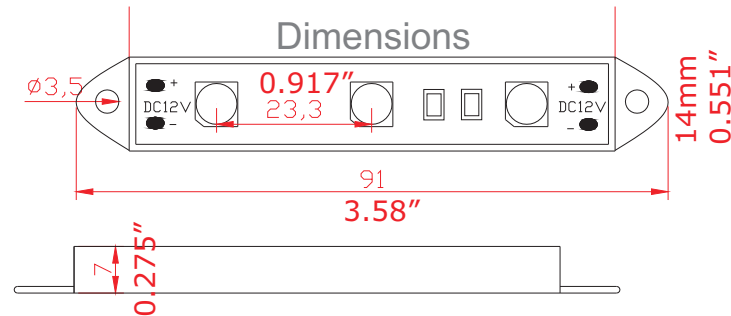
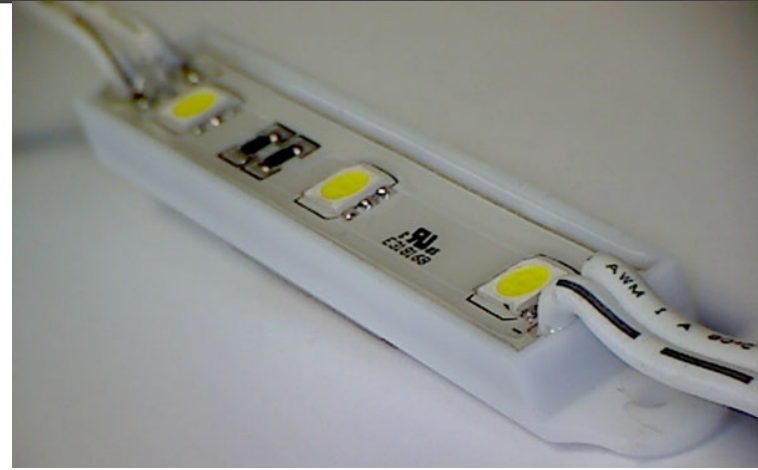
Application:

- Concealed Lighting
- Backlighting for Signage Letters
- Channel Letter Lighting
- Cove lighting
- Field Separable

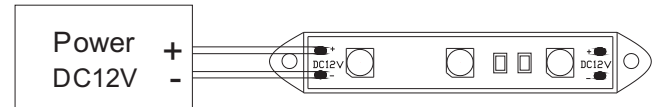


SPECIFICATIONS:

Item:	BV-Strip-LBL-50-3-12V-W (or WW)
Max voltage:	12 VDC
Wattage:	0.72 each Module
Set Length:	20ft (6.1M) / 50 Modules
Watt/set:	36 (50 Modules)
Dimensions:	91(L)*14(W)*7(H)mm Each Module
Weight:	5g
Connector:	Pigtail Wire (at each end)
Housing:	PVC
LEDs Type:	5050 SMD Tri Chip (3x3)
LED Angle:	120°
Lamp life:	40,000 hours estimated average
IP Rating:	IP67 (not including connection)
Brightness:	45-50 LM Module / White 3200/5500k
Modules/Set	50 per pack, 50mm (2") wire spacing
Max Modules:	50 Modules continuous by wire (20 AWG)
Certification:	CE RoHS cRUus (UL) E318168**
Max Run:	50 Modules (3A)



Connection With Power Supply:

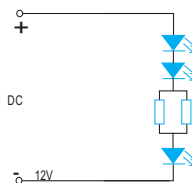


Notes: 1. All dimension units are millimeters.
2. All dimension tolerance is ±1mm unless otherwise noted

Technical Parameter: TA=25 / Module

BV-Strip-PG-0.5W3	Extn	Color	Operating Voltage (V)	Current (mA)	Wattage (W)	Color Temperature (K) Wavelength	View Angle	Luminous (lm)		LED Qty	Housing Material
								min	max		
Part No.											
BV-Strip-PG-0.5W3	-W/WW	White	12	60	.72	(2700-6000)	120	40	50	3	PVC
BV-Strip-PG-0.5R3	R	Red	12	60	.72	625	120	12	14	3	PVC
BV-Strip-PG-0.5Y3	Y	Yellow	12	60	.72	590	120	11	13	3	PVC
BV-Strip-PG-0.5G3	G	Green	12	60	.72	525	120	18	21	3	PVC
BV-Strip-PG-0.5B3	B	Blue	12	60	.72	470	120	6	9	3	PVC

Circuit Diagram:

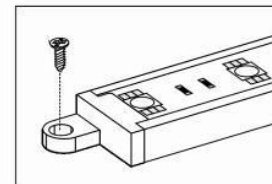


Caution:

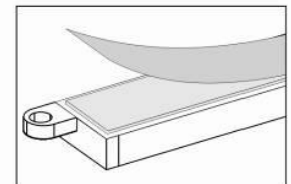
When using power supplies; the following basic safety features should be verified in addition to any other application specific concerns and local safety codes:

- Short circuit protection.
- Overload protection.
- Overheat protection.
- Correct output voltage, including consideration for ripple and spikes.
- Correct wire gauge.

NOTE: Pigtail wires at both ends. Terminate wires at one end to prevent crossover and short circuit.



1. Please rip PE adhesive tape on the back of the product, then stick to the objects where you want.



2. Use the screws to fasten it again.