

# LED FLEXIBLE STRIPS

Model No. BR-F5050RG C xx60-xx-x-Fx-V



- Energy efficient LED flexible strip for continuous color stability in linear applications.
- Standardized electrical flow over the entire length of the strip for maximum product reliability
- LEDs with ideal color rendering index, high lumen efficiency and no-flicker to give pleasant atmosphere.
- PCB in reinforced copper and double layer FPC for optimum heat dissipation.
- Protected against electrostatic discharge +/- 2000V.
- Extremely flexible lengths for varied architectural applications.
- Features minimizing voltage drop while increasing run lengths per power feed.
- High resistant 3M adhesive tape.

## Product features



**Wattage**  
19.2W/meter



**Luminous Flux**  
RGB+ 360 Lumen /meter



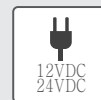
**CRI**  
CRI>80, CRI>90



**Life Span\***  
30,000 hours  
\*Conditional warranty of 50,000 hours



**Dimmable**  
Dali/0-10V/Triac/PWM



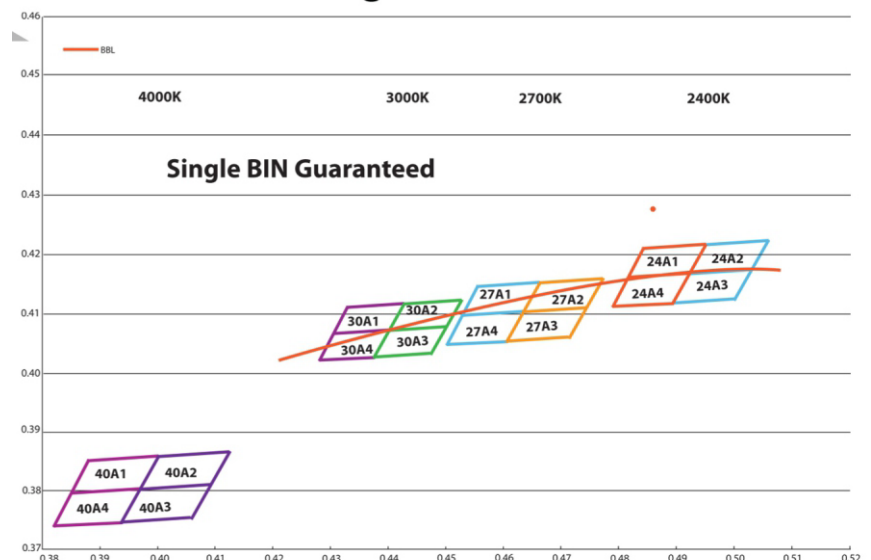
**Voltage**  
12VDC/24VDC

BRID SERIES

## Product details

- 16-18 lm/LED chip
- 300LED, 16.7mm/pitch
- Dimensions: 5,000mm x 12mm(10mm) x2.2mm (L\*W\*H)
- Up to 91 lm/watt
- Storage temp.: 30°~80°C
- Operation Temp.: -20° - 50°C
- (12/24V) Cutting length: 50mm/100mm,
- (12/24V) 3 led per segment/6 led per segment

## Binning Chart



# Models

24VDC/12VDC, 19.2W/m

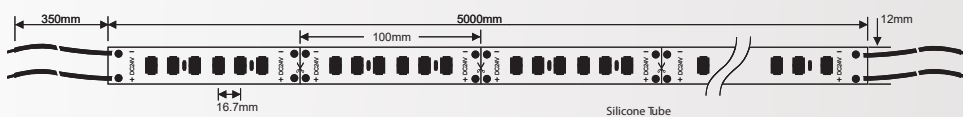
Model No	CCT	Flux (Lm/M)	Efficacy (Lm/Watt)	CRI/R9	IP Rating
BR-F5050RGBWW60-24-C-Fx-V	2400K	300	16	>80/25	IP20 IP54 IP65 IP66 IP67 IP68
BR-F5050RGBWW60-27-C-Fx-V	2700K	310	16	>80/25	
BR-F5050RGBWW60-30-C-Fx-V	3000K	330	17	>80/>25	
BR-F5050RGBNW60-40-C-Fx-V	4000K	340	17	>80/>25	
BR-F5050RGCW60-50-C-Fx-V	5000K	350	18	>80/>30	
BR-F5050RGCW60-65-C-Fx-V	6500K	360	19	>80/>30	
R-120, G-330, B-60					

## Order Code

Type	Type of chip	Color	Number of LEDs/meter	CCT	MacAdam	IP Rating	Voltage
F-Flexible R-Rigid	5050	WW : Warm White NW : Natural White CW : Cool White RGB : Red:Green:Blue	60	24 : 2400K 27 : 2700K 30 : 3000K 40 : 4000K 55 : 5500K 65 : 6500K	C : 3-step Macadam C1 : 4-step Macadam	F0-IP20 F1-IP54 F2-IP65 F3-IP66 F4-IP67 F5-IP68	V <sub>1</sub> - 12V V <sub>2</sub> - 24V

## Dimensions

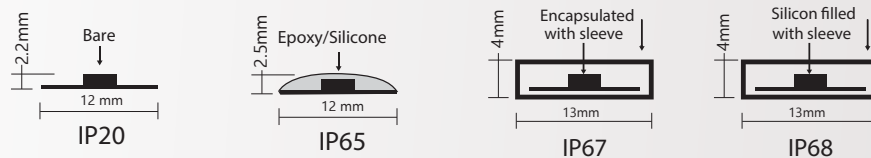
IP20 Top View - 24V



IP20 Top View - 12V

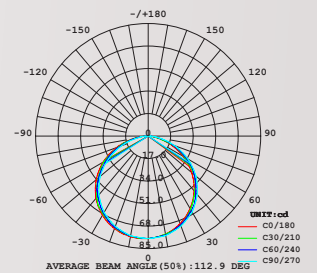


## Side View



## Photometric Diagrams

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT: lx)

