

LED FLEXIBLE STRIPS

Model No. BR-F5050xx60-xx-x-Fx-V_x



- 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
14.4W/meter



Luminous Flux
1426Lumen/meter



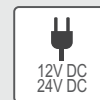
CRI
CRI>80, CRI>90



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



Dimmable
Dali/0-10V/Triac/PWM



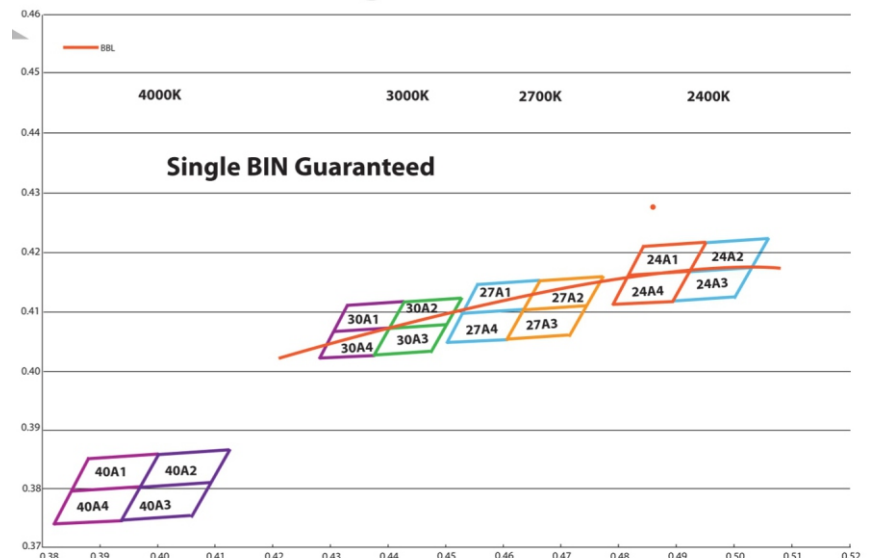
Voltage
12VDC/24VDC

BRID SERIES

Product details

- 16-18 lm/LED chip
- 300LED, 16.7mm/pitch
- Dimensions: 5,000mm x 12mm(10mm) x 2.2mm (L*W*H)
- Up to 99 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, 14.4W/m

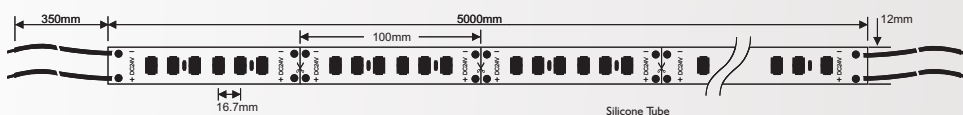
Model No	CCT	Flux (Lm/M)	Efficacy (Lm/Watt)	CRI/R9	IP Rating
BR-F5050WW60-20-C-Fx-V _x	2000K	945	65	>80/25	IP20 IP54 IP65 IP66 IP67 IP68
BR-F5050WW60-24-C-Fx-V _x	2400K	965	67	>80/25	
BR-F5050WW60-27-C-Fx-V _x	2700K	1022	70	>80/>25	
BR-F5050WW60-30-C-Fx-V _x	3000K	1150	79	>80/>25	
BR-F5050NW60-40-C-Fx-V _x	4000K	1260	87	>80/>30	
BR-F5050CW60-55-C-Fx-V _x	5500K	1392	96	>80/>30	
BR-F5050CW60-65-C-Fx-V _x	6500K	1426	99	>80/>30	
BR-F5050RGB60-C-Fx-V _x	RGB	R:60,G:120,B:90		>80/>30	

Order Code

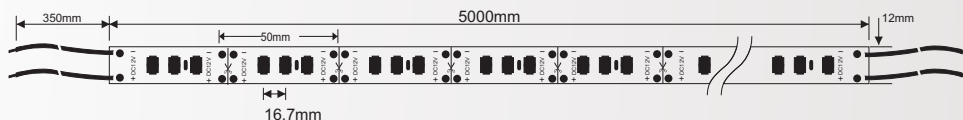
Type	Type of chip	Color	Number of LEDs/meter	CCT	MacAdam	IP Rating	Voltage
F-Flexible R-Rigid	5050	WW : Warm White NW : Natural White CW : Cool White RGB : Red:Green:Blue	60	20 : 2000K 24 : 2400K 27 : 2700K 30 : 3000K 40 : 4000K 55 : 5500K 65 : 6500K	C : 3-step Macadam C1 : 4-step Macadam	F0-IP20 F1-IP54 F2-IP65 F3-IP66 F4-IP67 F5-IP68	V ₁ - 12V V ₂ - 24V

Dimensions

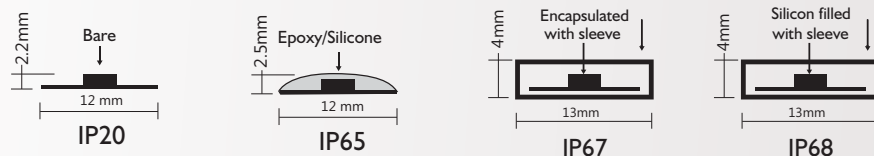
IP20 Top View - 24V



IP20 Top View - 12V

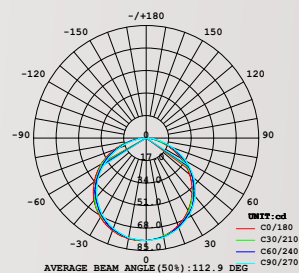


Side View



Photometric Diagrams

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



CO PLANE ISOLUX DIAGRAM (UNIT: lx)

