

LED FLEXIBLE STRIPS

Model No. BR-F2835xx96-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
23W/meter



Luminous Flux
2604Lumen/meter



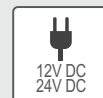
CRI
CRI>80, CRI>90



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



Dimmable
Dali/0-10V/Triac/PWM



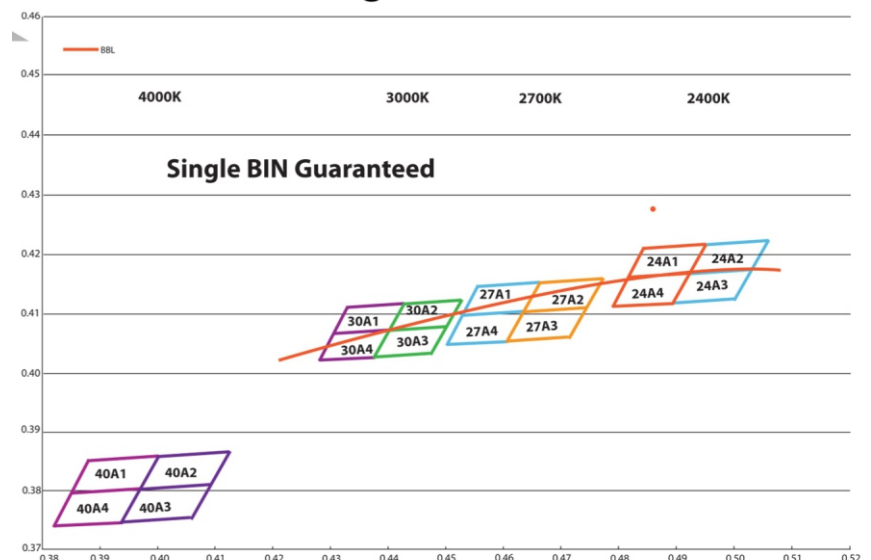
Voltage
12VDC/24VDC

BRID SERIES

Product details

- 17-18 lm/LED chip
- 480LED, 10.42mm/pitch
- Dimensions: 5,000mm x 10mm(8mm) x2.2mm (L*W*H)
- Up to 113 lm/watt
- Storage temp.: 30°~80°C
- Operation Temp.: -20° - 50°C
- (12/24V) Cutting length: 32.25mm/62.5mm
- (12/24V) 3 led per segment/6 led per segment

Binning Chart



Models

24VDC/12VDC, 23W/m

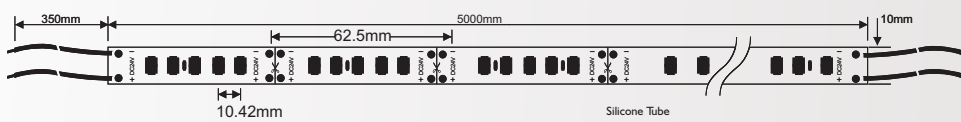
| Model No | CCT | Flux (Lm/M) | Efficacy (Lm/Watt) | CRI/R9 | IP Rating |
|-------------------------------------|-------|-------------|--------------------|---------|--|
| BR-F2835WW96-20-C-Fx-V _x | 2000K | 1972 | 85 | >80/25 | IP20 IP54 IP65 IP66 IP67 IP68 |
| BR-F2835WW96-24-C-Fx-V _x | 2400K | 2001 | 87 | >80/25 | |
| BR-F2835WW96-27-C-Fx-V _x | 2700K | 2112 | 91 | >80/>25 | |
| BR-F2835WW96-30-C-Fx-V _x | 3000K | 2316 | 100 | >80/>25 | |
| BR-F2835NW96-40-C-Fx-V _x | 4000K | 2450 | 106 | >80/>30 | |
| BR-F2835CW96-55-C-Fx-V _x | 5500K | 2540 | 110 | >80/>30 | |
| BR-F2835CW96-65-C-Fx-V _x | 6500K | 2604 | 113 | >80/>30 | |

Order Code

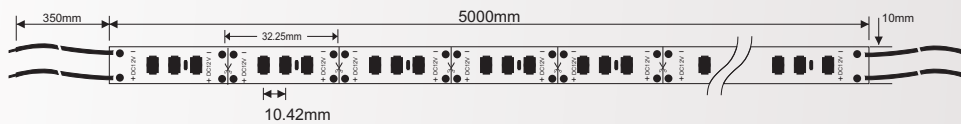
| Type | Type of chip | Color | Number of LEDs/meter | CCT | MacAdam | IP Rating | Voltage |
|-----------------------|--------------|--|----------------------|--|---|--|--|
| F-Flexible R-Rigid | 2835 | WW : Warm White NW : Natural White CW : Cool White | 96 | 20 : 2000K 24 : 2400K 27 : 2700K 30 : 3000K 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

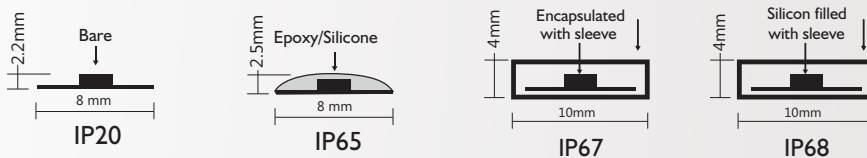
IP20 Top View - 24V



IP20 Top View - 12V

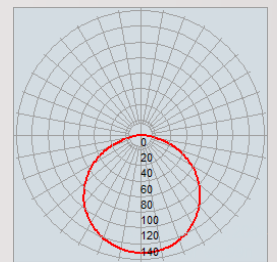


Side View



Photometric Diagrams

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



CO PLANE ISOLUX DIAGRAM (UNIT: 1x)

