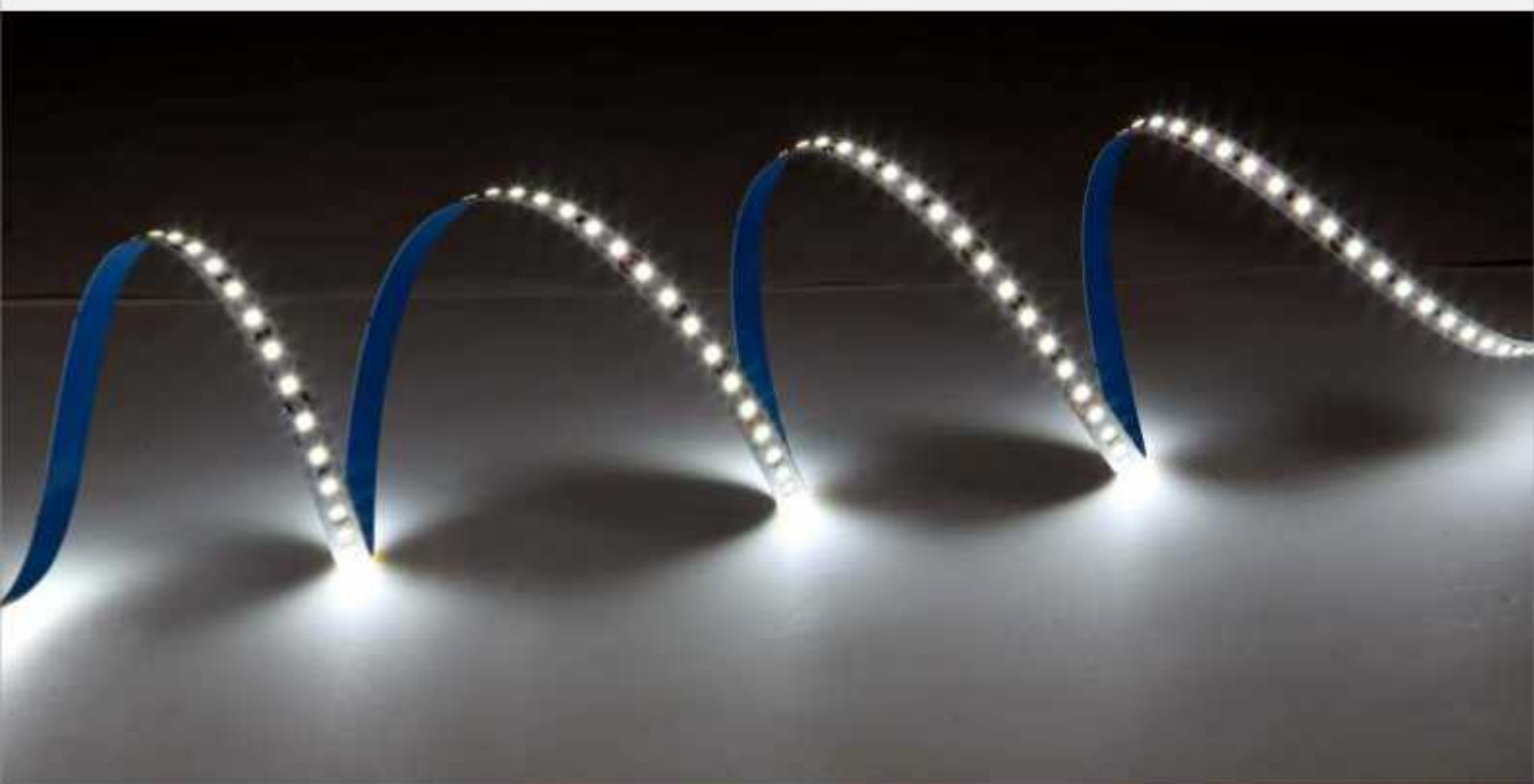


Data Sheet: MOONFLEXI-120-BL/2835

MOONFLEXI-120-BL/2835 flexible LED strips

Data sheet

MOONFLEXI-120-BL/2835



Data Sheet: MOONFLEXI-120-BL/2835

APPLICATIONS

General LED lighting
Cove LED lighting

Linear LED lighting
Hospitality

Signage and advertising lighting
Furniture lighting and more

PRODUCT FEATURES

Energy Saving Low-Power
High quality BRIDGELUX LED chips
Single Bin 3/5 Step MacAdam LEDs
Efficiency up to 130 lm/W
Thick copper PCB
120 LEDs per meter
High CRI: Ra80+ or Ra90+
Dimmable
Life time upto 30,000 hours

Only 8.00 mm width
24V DC voltage input
Thermal conductive adhesive tape on back side for better heat transmission
120° beam angle
Can be cut in each 50.00 mm length segments
Flexible and easy installation
Pre-installed Connectors
3-year warranty

TECHNICAL DETAILS

Product no.	Color	Nominal voltage	LED quantity	Rated wattage	Color rendering index (CRI)	Luminous flux	Luminous efficacy
DGFS-120-BL/2835-827	2700K	24V DC	120 LED/m	14.4 W/m	Ra80+	1220 Lm/m	113 Lm/W
DGFS-120-BL/2835-830	3000K	24V DC	120 LED/m	14.4 W/m	Ra80+	1275 Lm/m	118 Lm/W
DGFS-120-BL/2835-835	3500K	24V DC	120 LED/m	14.4 W/m	Ra80+	1275 Lm/m	118 Lm/W
DGFS-120-BL/2835-840	4000K	24V DC	120 LED/m	14.4 W/m	Ra80+	1385 Lm/m	128 Lm/W
DGFS-120-BL/2835-850	5000K	24V DC	120 LED/m	14.4 W/m	Ra80+	1385 Lm/m	128 Lm/W
DGFS-120-BL/2835-857	5700K	24V DC	120 LED/m	14.4 W/m	Ra80+	1400 Lm/m	130 Lm/W
DGFS-120-BL/2835-865	6500K	24V DC	120 LED/m	14.4 W/m	Ra80+	1495 Lm/m	138 Lm/W
DGFS-120-BL/2835-810	10000K	24V DC	120 LED/m	14.4 W/m	Ra80+	1650 Lm/m	142 Lm/W

Product no.	Color	Nominal voltage	LED quantity	Rated wattage	Wave Length (nm)	Luminous flux	Luminous efficacy
DG-120-EP/2835-8A	AMBER	24V DC	120 LED/m	14.4 W/m	590-592	115.2 Lm	8 Lm
DG-120-BL/2835-8R	RED	24V DC	120 LED/m	14.4 W/m	620-630	403.2 Lm	28 Lm
DG-120-BL/2835-8G	GREEN	24V DC	120 LED/m	14.4 W/m	520-525	115.2 Lm	8 Lm
DG-120-BL/2835-8B	BLUE	24V DC	120 LED/m	14.4 W/m	460-465	129.6 Lm	9 Lm

Data Sheet: MOONFLEXI-120-BL/2835

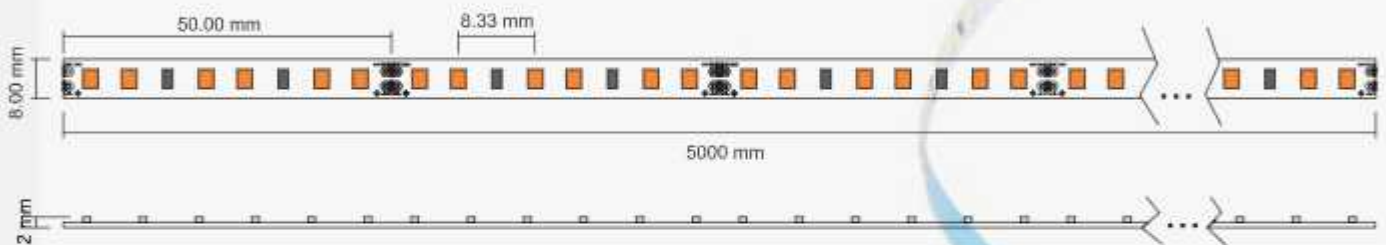
TECHNICAL DETAILS

Maximum length in series : 5m
 Voltage range : 24V DC
 Operating temperature : -35°C – 50°C
 Beam angle : 120°C
 Tc max : <75°C
 Ingress protection : IP00

Available in different Wattages

4.8W/m 7.2W/m 9.6W/m
14.4W/m** 19.2W/m

DIMENSIONS



Cuttable length : 50.00 mm
 Distance between LEDs : 8.33 mm
 Width : 8 mm
 Thickness : 2 mm
 Length : 5m/roll

PACKAGING DETAILS

Net Weight : 0.67g
 Gross Weight : 0.88g
 Carton Size : 255x165x190mm
 Packaging Unit : Shipping Carton box 20 nos.



3 Year Warranty *
 (* Conditions Apply)
 Standard Configuration **

DISCLAIMER :-

Subject to change without notice. Errors and omission excepted. Always make sure to use updated version.
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