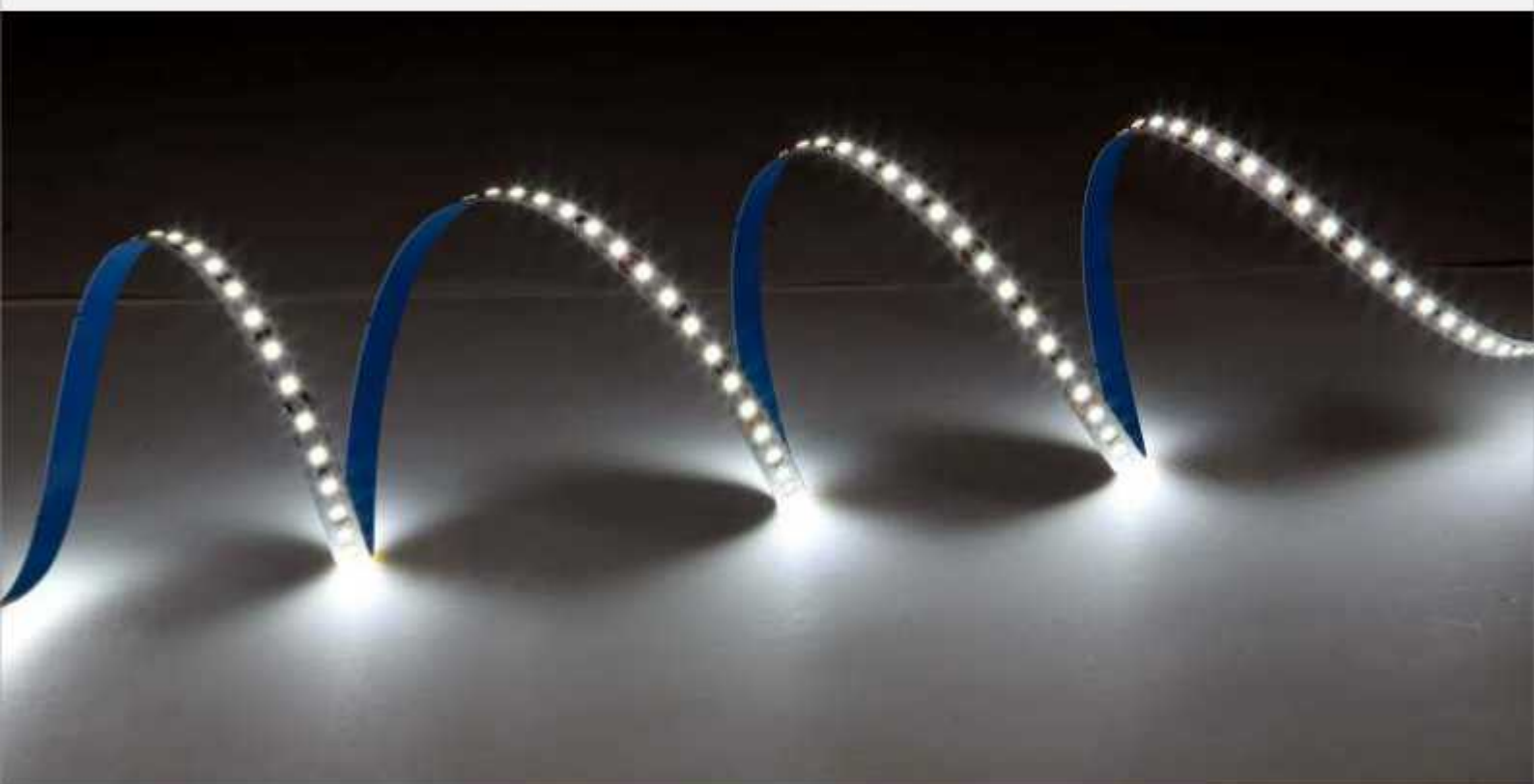


Data Sheet: MOONFLEXI-144-BL/2835

# MOONFLEXI-144-BL/2835 flexible LED strips

Data sheet

MOONFLEXI-144-BL/2835



Data Sheet: MOONFLEXI-144-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

144 LEDs per meter

High CRI: Ra80+ or Ra90+

Dimmable

Life time upto 30,000 hours

Only 6.00 mm width

12V 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-144-BL/2835-627	2700K	12V DC	144 LED/m	19.2 W/m	Ra80+	2160 Lm/m	80 Lm/W
DGFS-144-BL/2835-630	3000K	12V DC	144 LED/m	19.2 W/m	Ra80+	2160 Lm/m	86 Lm/W
DGFS-144-BL/2835-635	3500K	12V DC	144 LED/m	19.2 W/m	Ra80+	2180 Lm/m	86 Lm/W
DGFS-144-BL/2835-640	4000K	12V DC	144 LED/m	19.2 W/m	Ra80+	2190 Lm/m	90 Lm/W
DGFS-144-BL/2835-650	5000K	12V DC	144 LED/m	19.2 W/m	Ra80+	2199 Lm/m	95 Lm/W
DGFS-144-BL/2835-657	5700K	12V DC	144 LED/m	19.2 W/m	Ra80+	2199 Lm/m	95 Lm/W
DGFS-144-BL/2835-665	6500K	12V DC	144 LED/m	19.2 W/m	Ra80+	2400 Lm/m	100 Lm/W
DGFS-144-BL/2835-610	10000K	12V DC	144 LED/m	19.2 W/m	Ra80+	2400 Lm/m	100 Lm/W

Product no.	Color	Nominal voltage	LED quantity	Rated wattage	Wave Length (nm)	Luminous flux	Luminous efficacy
DG-144-EP/2835-6A	AMBER	12V DC	144 LED/m	19.2 W/m	590-592	115.2 Lm	8 Lm
DG-144-BL/2835-6R	RED	12V DC	144 LED/m	19.2 W/m	620-630	403.2 Lm	28 Lm
DG-144-BL/2835-6G	GREEN	12V DC	144 LED/m	19.2 W/m	520-525	115.2 Lm	8 Lm
DG-144-BL/2835-6B	BLUE	12V DC	144 LED/m	19.2 W/m	460-465	129.6 Lm	9 Lm

Data Sheet: MOONFLEXI-144-BL/2835

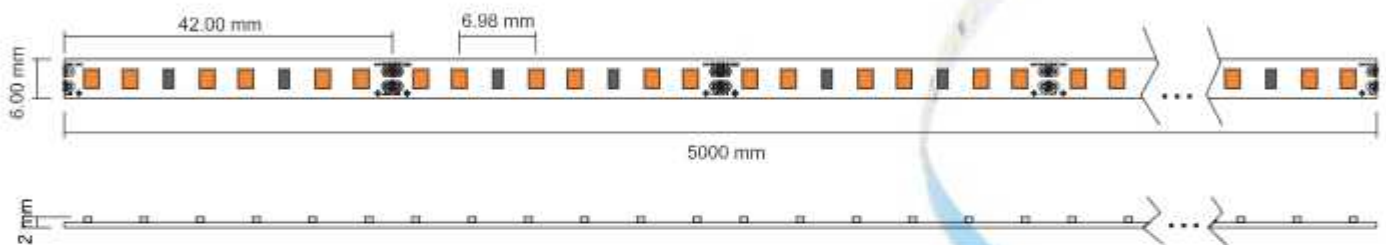
## TECHNICAL DETAILS

Maximum length in series	: 5m
Voltage range	: 12V 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	: 42.00 mm
Distance between LEDs	: 6.98 mm
Width	: 6 mm
Thickness	: 2 mm
Length	: 5m/reel

## 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.  
All product names, trademarks and registered trademarks are property of their respective owners.