

Data Sheet: SHINE-144-BL/2835

# SHINE-144-BL/2835 flexible LED strips

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## 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  
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-144-BL/2835-627	2700K	24V DC	144 LED/m	11.52 W/m	Ra80+	1340 Lm/m	60 Lm/W
DGFS-144-BL/2835-630	3000K	24V DC	144 LED/m	11.52 W/m	Ra80+	1340 Lm/m	60 Lm/W
DGFS-144-BL/2835-635	3500K	24V DC	144 LED/m	11.52 W/m	Ra80+	1340 Lm/m	60 Lm/W
DGFS-144-BL/2835-640	4000K	24V DC	144 LED/m	11.52 W/m	Ra80+	1370 Lm/m	60 Lm/W
DGFS-144-BL/2835-650	5000K	24V DC	144 LED/m	11.52 W/m	Ra80+	1370 Lm/m	60 Lm/W
DGFS-144-BL/2835-657	5700K	24V DC	144 LED/m	11.52 W/m	Ra80+	1370 Lm/m	60 Lm/W
DGFS-144-BL/2835-665	6500K	24V DC	144 LED/m	11.52 W/m	Ra80+	1440 Lm/m	60 Lm/W
DGFS-144-BL/2835-610	10000K	24V DC	144 LED/m	11.52 W/m	Ra80+	1440 Lm/m	60 Lm/W

Product no.	Color	Nominal voltage	LED quantity	Rated wattage	Wave Length (nm)	Luminous flux	Luminous efficacy
DG-144-EP/2835-6A	AMBER	24V DC	144 LED/m	9.6 W/m	590-592	115.2 Lm	8 Lm
DG-144-BL/2835-6R	RED	24V DC	144 LED/m	9.6 W/m	620-630	403.2 Lm	28 Lm
DG-144-BL/2835-6G	GREEN	24V DC	144 LED/m	9.6 W/m	520-525	115.2 Lm	8 Lm
DG-144-BL/2835-6B	BLUE	24V DC	144 LED/m	9.6 W/m	460-465	129.6 Lm	9 Lm

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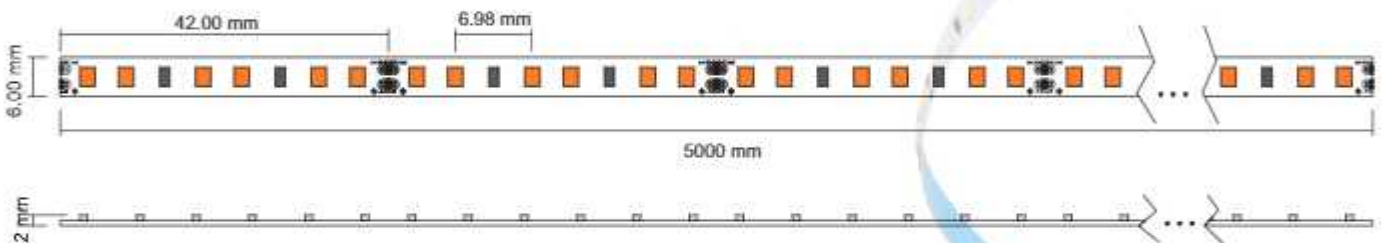
## TECHNICAL DETAILS

Maximum length in series	: 5 Meter
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
11.52W/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.  
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