

Bendable series

2835 | 12W/m | 8mm

p/n: VFL-ZS2835-940K-60-8-24V12

SMD



Features

- 60x SMD LED per meter
- Cost effective
- Up to 996Lm per meter
- High efficacy of 83Lm/W
- CRI>90
- Durable, flexible and low profile
- Double sided 3M tape mounting



Electrical Data

Voltage	24V DC
Wattage per meter	12W
Current per meter	0.5A/24V

LED Data

LED type	SMD 2835
Manufacturer	Lumileds
Chips per meter	60

Photometric Data

Color temperature	2700K / 3000K 4000K / 6500K
Color rendering index Ra	>90
Luminous flux per meter	996 lm >4,000K 946 lm <3,000K
Luminous efficacy	83 lm/W >4,000K
Beam angle	120°
Dimmable	0~100%

Construction / Protection

Substrate	Double layer FPCB
Thickness of FPCB	2 oz
Mounting	Double sided tape 3M
IP rating	See figure 3.
Operating temperature	-20 ~ +45 C°
Storage temperature	-20 ~ +70 C°

Dimensions

Cutting increments	100 mm See figure 1.
Length	5,000 mm
Width	8 mm
Height	1.6 mm

Lifetime

Lifespan (L70)	>54,000 hours
----------------	---------------

Testing environment temperature = 25 C°



Figure 1.

Dimensions & Cutting increments

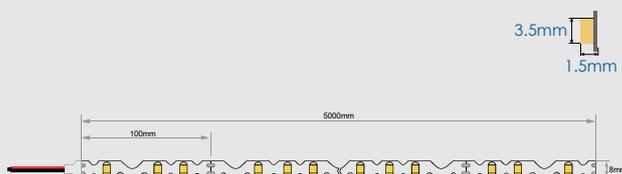


Figure 2.

Suitable Accessories

Connector-IP20



Profile



Figure 3.

IP Protection Ratings

