

## Long-run series

2835 | 4W/m | 10mm

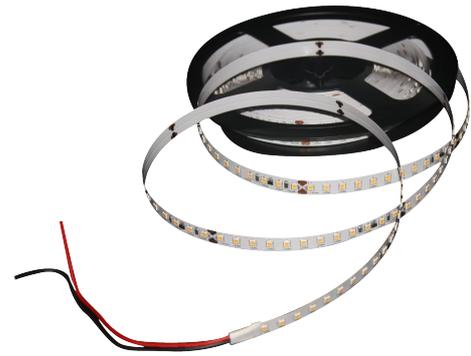
p/n: VFL-LR2835-930K-120-10-48V04

# SMD



### Features

- 120x SMD LED per meter
- Long run up to 50m
- Up to 400Lm per meter
- High efficacy of 100Lm/W
- CRI>90
- Durable, flexible and low profile
- Double sided 3M tape mounting



### Electrical Data

Voltage	48V DC
Wattage per meter	4W
Current per meter	0.08A/48V

### LED Data

LED type	SMD 2835
Manufacturer	Lumileds
Chips per meter	120

### Photometric Data

Color temperature	2700K / 3000K 4000K / 6500K
Color rendering index Ra	>90
Luminous flux per meter	421 Lm @ 4000K 400 Lm @ 3000K
Luminous efficacy	100 Lm/W @ 3000K
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 ~ +50 C°
Storage temperature	-20 ~ +70 C°

### Dimensions

Cutting increments	100 mm
	See figure 1.
Length	50 m
Width	10 mm
Height	1.6 mm

### Lifetime

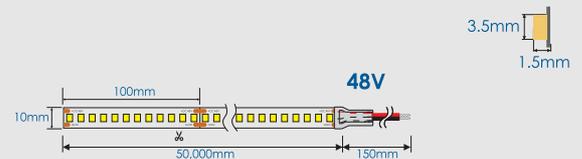
Lifespan (L70)	>54,000 hours
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Testing environment temperature = 25 C°



**Figure 1.**

Dimensions & Cutting increments



**Figure 2.**

Suitable Accessories

#### Profile



Surface-Mount  
Code: VL-SF1510



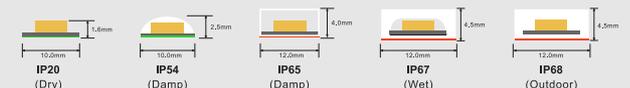
Recessed-Mount  
Code: VL-RC2207



Corner-Mount  
Code: VL-TR1616

**Figure 3.**

IP Protection Ratings



- LED
- FPCB
- Silicone Gel
- Double-sided tape 3M 300LSE (indoor)
- Double-sided tape 3M VHB (outdoor)