

## Sauna series

2835 | 9.6W/m | 14mm

p/n: VFL-SN2835-930K-120-14-24V09

# SMD



### Features

- 120x SMD LED per meter
- Max ambient temperature up to 105°C
- Up to 867Lm per meter
- High efficacy of 90Lm/W
- CRI>90
- Durable, flexible and low profile
- Double sided 3M tape mounting

### Electrical Data

Voltage	24V DC
Wattage per meter	<b>9.6W</b>
Current per meter	0.4A/24V

### LED Data

LED type	<b>SMD 2835</b>
Manufacturer	Lumileds
Chips per meter	120

### Photometric Data

Color temperature	2700K / 3000K 4000K / 6500K
Color rendering index Ra 	>90
Luminous flux per meter	912 lm >4,000K 867 lm <3,000K
Luminous efficacy	90 lm/W >3,000K
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	-25 ~ +105 C°
Storage temperature	-25 ~ +105 C°

### Dimensions

Cutting increments	50mm
	See figure 1.
Length	10m
Width	16,5 mm
Height	7,8 mm

### Lifetime

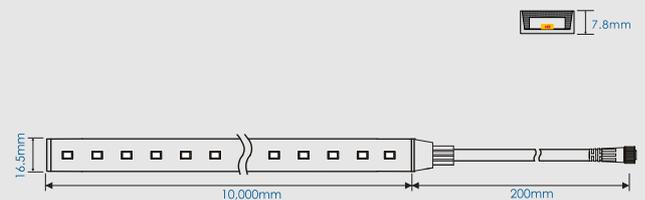
Lifespan (L70)	>54,000 hours
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Testing environment temperature = 25 C°



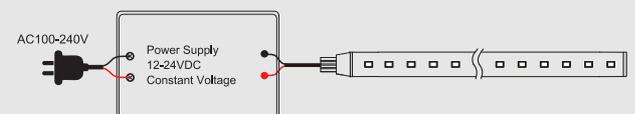
**Figure 1.**

Dimensions & Cutting increments



**Figure 2.**

Wiring Diagram



**Figure 3.**

IP Protection Ratings



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