

Long-run series

SMD 2835 | 10mm (0.39in)

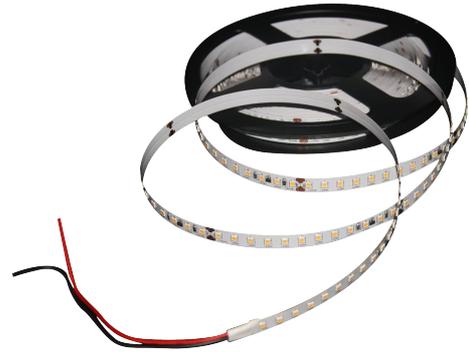
SMD

p/n: VFL-LR2835-930K-120-10-24V07



Features

- 120x SMD LED per meter (36xSMD LEDs per foot)
- Long run up to 30m (98ft)
- Up to 630Lm/m (192Lm/ft)
- High efficacy of 90Lm/W
- CRI>90
- Durable, flexible and low profile
- Double sided 3M tape mounting



Electrical Data

Voltage	24V DC
Wattage	7W/m (2.13W/ft)
Current	0.3A/m (0.09A/ft)/24V

LED Data

LED type	SMD 2835
Manufacturer	Lumileds
Chips	120 Led/m (36 Led/ft)

Photometric Data

Color temperature	2700K / 3000K / 3500K 4000K / 6500K
Color rendering index Ra	>90
Luminous flux	630 Lm/m (192 Lm/ft) @ 4000K 598 Lm/m (182 Lm/ft) @ 3000K
Luminous efficacy	90 Lm/W @ 4000K
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° (-4 ~ 122 °F)
Storage temperature	-20 ~ +70 C° (-4 ~ 158 °F)

Dimensions

Cutting increments	41.6 mm (1.64 in) See figure 1.
Length	30 m (98 ft)
Width	10 mm (0.39 in)
Height	1.6 mm (0.06 in)

Lifetime

Lifespan (L70)	>54,000 hours
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Testing environment temperature = 25 C° (77°F)

Figure 1.

Dimensions & Cutting increments

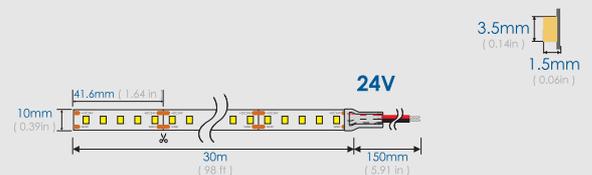


Figure 2.

Suitable Accessories

Connector-IP20/IP54



Profile



Figure 3.

IP Protection Ratings

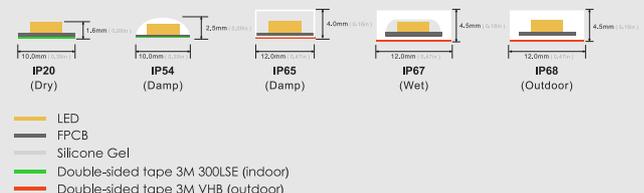


Figure 4.

Ordering Code

Series	LED type	CRI	CCT	LED Qty	PCB Width	IP Rating	Voltage	Power/m
VFL	LR	2835	9	xxK	120	10	24V	07
			9 - 90+	27K - 2700K				
			8 - 80+	30K - 3000K				
				35K - 3500K				
				40K - 4000K				
				65K - 6500K				
						Blank - IP20		
						54 - IP54		
						65 - IP65		
						67 - IP67		
						68 - IP68		