

VFL-SNCOB-940K-480-10-WP67-24V08

Sauna series

24V - 8W - 800Lm/m - 3000K



LED TYPE	
PROJECT	
NOTES	

Features

- 480x SMD LED per meter (146xSMD LEDs per foot)
- Max.operating temperature up to 125°C (257 °F)
- Up to 800Lm/m (243Lm/ft)
- High efficacy of 100Lm/W
- Ideal for sauna room, hot spring and etc applications
- Durable, flexible and low profile
- Double sided 3M tape mounting

Electrical Data

Voltage	24V DC
Wattage per meter	8W (2.43W/ft)
Current per meter	0.33A (0.1A/ft)/24V

LED Data

LED type	COB
Manufacturer	SAN'AN
Chips per meter	480 (146 Led/ft)

Photometric Data

Color temperature	2700K / 3000K 4000K / 6500K
Color rendering index Ra	>90
Luminous flux per meter	842Lm/m (257 Lm/ft) @ 4000K 800Lm/m (243 Lm/ft) @ 3000K 760Lm/m (231 Lm/ft) @ 2700K
Luminous efficacy	100Lm/W @ 3000K
Beam angle	135°
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 ~ +125 °C (-13 ~ 257 °F)
Storage temperature	-20 ~ +60 °C (-4 ~ 140 °F)

Dimensions

Cutting increments	50 mm (1.97 in) See figure 1.
Length	5 m (16.4 ft)
Width	12 mm (0.47 in)
Height	5.5 mm (0.22 in)

Lifetime

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

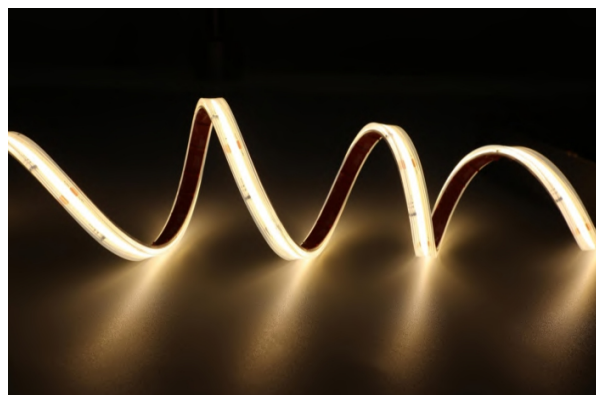


Figure 1.

Dimensions & Cutting increments

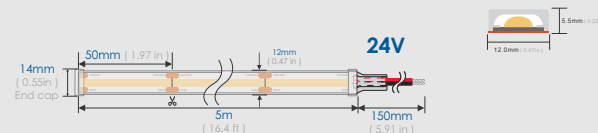


Figure 2.

Suitable Accessories

Accessories



ACC-SIMC-14
Code: VL-SF1507



3M VHB tape
Code: VHB5925-13mm

Profile



Surface-Mount
Code: VL-SF1709



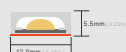
Recessed-Mount
Code: VL-RC2309



Corner-Mount
Code: VL-TR2020

Figure 3.

IP Protection Ratings



IP67
(Wet)

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

Figure 4.

Ordering Code

Series	LED type	CRI	CCT	LED Qty	PCB Width	IP Rating	Voltage	Power/m	
VFL	SN	COB	9	xxK	480	10	WP67	24V	08
			9 - 90+	18K - 1800K					
			8 - 80+	27K - 2700K					
				30K - 3000K					
				35K - 3500K					
				40K - 4000K					
				65K - 6500K					