

VFL-SNCOB-TW-608-10-WP67-24V08

Sauna series

24V - 8W - 955Lm/m - 4000K



LED TYPE	
PROJECT	
NOTES	

Features

- 608x SMD LED per meter (185xSMD LEDs per foot)
- Max.operating temperature up to 125°C (257 °F)
- Tunable White LED strip
- Up to 955Lm/m (291Lm/ft)
- High efficacy of 96Lm/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	8W/m (2.43W/ft)
Current	0.33A/m (0.10A/ft)/24V

LED Data

LED type	COB
Manufacturer	SAN'AN
Chips	608 Led/m (185 Led/ft)

Photometric Data

Color temperature	2700K~6500K
Color rendering index Ra	>90
Luminous flux	845 Lm/m (145 Lm/ft) @ 6500K 955 Lm/m (137 Lm/ft) @ 4000K 695 Lm/m (130 Lm/ft) @ 2700K
Luminous efficacy	96 Lm/W @ 4000K
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	-20 ~ +50 °C (-4 ~ 122 °F)
Storage temperature	-20 ~ +70 °C (-4 ~ 158 °F)

Dimensions

Cutting increments	26.3 mm (1.04 in) See figure 1.
Length	5m (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 (77°F)



Figure 1.

Dimensions & Cutting increments

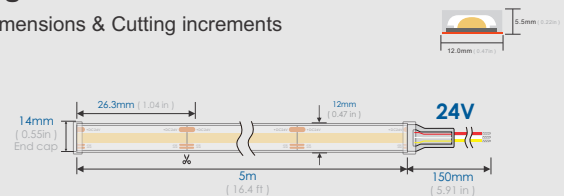


Figure 2.

Suitable Accessories

Accessories



ACC-SIMC-14
Code: VL-SF1507



3M VHB tape
Code: VHB5925-13mm

Profile



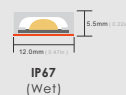
Surface-Mount
Code: VL-SF1809



Recessed-Mount
Code: VL-RC2510

Figure 3.

IP Protection Ratings



- 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	TW	608	10	WP67	24V	08
			9 - 90+	18K - 1800K					
			8 - 80+	27K - 2700K					
				30K - 3000K					
				35K - 3500K					
				40K - 4000K					
				65K - 6500K					