Side-View series

COB

COB | 9.6W/m | 8mm

p/n: VFL-SVCOB-940K-480-8-24V09

VALS LIGHTING®

Features

- Side view version
- 12V and 24V input
- **Hotspot-free appearance**
- High efficacy of 80Lm/W
- CRI>90
- Durable, flexible and low profile
- Double sided 3M tape mounting

CE · RoHS COMPLIANT · LM80

Electrical Data

Voltage	12V/24V DC
Wattage per meter	**9.6W**
Current per meter	0.8A/12V, 0.4A/24V

LED Data

LED type	**COB**
Manufacturer	SAN'AN
Chips per meter	480

Photometric Data

Color temperature	2700K / 3000K 4000K / 6500K
Color redering index Ra	>90
Luminous flux per meter	768 lm >4,000K 730 lm <3,000K
Luminous efficacy	80 lm/W >4,000K
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 ~ +45 C°
Storage temperature	-20 ~ +70 C°

Dimensions

Cutting increments	16.5 mm/12V, 33 mm/24V See figure 1.
Length	5,000 mm
Width	8 mm
Height	2.0 mm

Lifetime

Lifespan (L70)	>54,000 hours

Testing environment temperature = 25 C°

Figure 1.
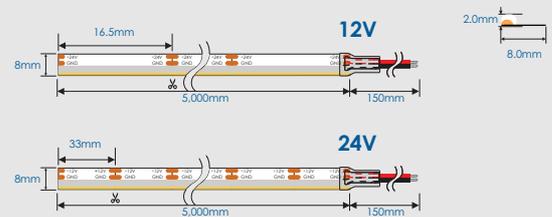
Dimensions & Cutting increments

Figure 2.

Suitable Accessories

Profile

Surface-Mount
Code: VL-SF1507

Recessed-Mount
Code: VL-RC2207

Corner-Mount
Code: VL-TR1616

Figure 3.

IP Protection Ratings

IP20 (Dry)

IP54 (Damp)

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