

Basic series

COB | 9.6W/m | 8mm

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

COB



Features

- Cost effective
- 12V and 24V input are options
- **Hotspot-free appearance**
- High efficacy of 95lm/W
- CRI>90
- Durable, flexible and low profile
- Double sided 3M tape mounting

Electrical Data

Voltage	12/24V 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 rendering index Ra 	>90
Luminous flux per meter	912 lm >4,000K 864 lm <3,000K
Luminous efficacy	95 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	25 mm/12V, 50 mm/24V See figure 1.
Length	5,000 mm
Width	8 mm
Height	1.6 mm

Lifetime

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



Figure 1.

Dimensions & Cutting increments

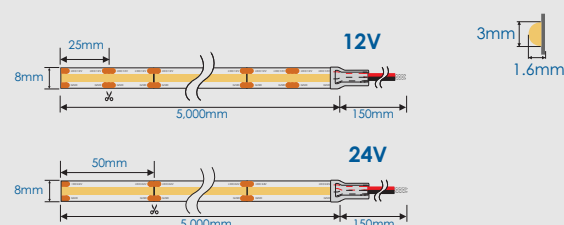
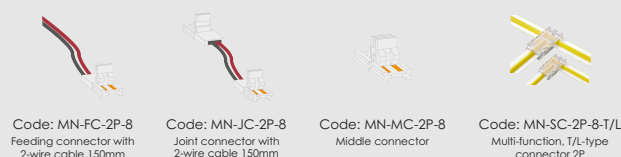


Figure 2.

Suitable Accessories

Connector



Profile



Figure 3.

IP Protection Ratings

