

Ultra Narrow series

COB | 4W/m | 3mm

COB

p/n: VFL-UNRCOB-940K-528-3-12V04



Features

- Ultra narrow 3mm width PCB
- 12V input
- Hotspot-free appearance
- High efficacy of 95Lm/W
- CRI>90
- Durable, flexible and low profile
- Double sided 3M tape mounting

Electrical Data

Voltage	12V DC
Wattage per meter	4W
Current per meter	0.3A/12V

LED Data

LED type	COB
Manufacturer	SAN'AN
Chips per meter	528

Photometric Data

Color temperature	2700K / 3000K 4000K / 6500K
Color rendering index Ra	>90
Luminous flux per meter	380 lm >4,000K 361 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 4.
Operating temperature	-20 ~ +45 C°
Storage temperature	-20 ~ +70 C°

Dimensions

Cutting increments	22.7 mm/12V See figure 1.
Length	5,000 mm
Width	3 mm
Height	1.6 mm

Lifetime

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

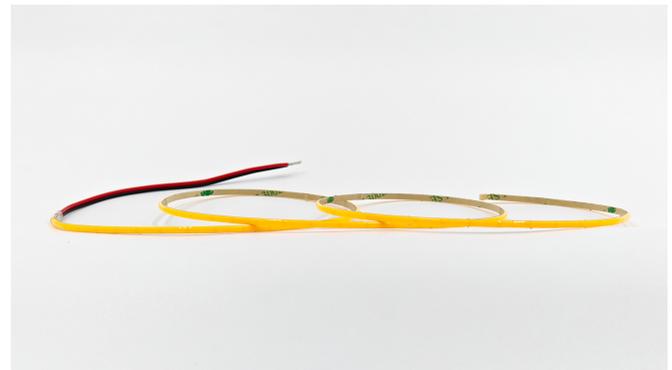


Figure 1.

Dimensions & Cutting increments

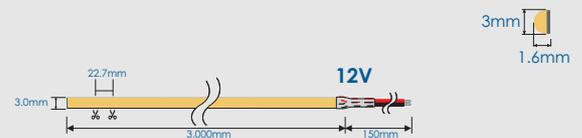


Figure 2.

Suitable Accessories

Profile



Surface-Mount
Code: VL-SF0806



Recessed-Mount
Code: VL-RC0910



Corner-Mount
Code: VL-TR1313

Figure 3.

Wiring Diagram

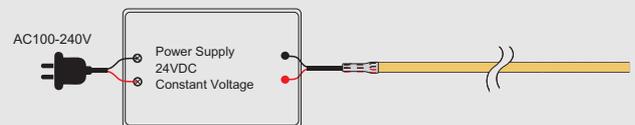


Figure 4.

IP Protection Ratings



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