

# NEON-COB series

COB | 9.6W/m | 10mm

# COB

p/n: VFL-NECOB-940K-480-10-24V09



## Features

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

## Electrical Data

Voltage	24V DC
Wattage per meter	<b>9.6W</b>
Current per meter	0.4A/24V

## LED Data

LED type	<b>COB</b>
Manufacturer	SAN'AN
Chips per meter	480

## Photometric Data

Color temperature	2700K / 3000K 4000K / 6500K
Color rendering 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 4.
Operating temperature	-20 ~ +45 C°
Storage temperature	-20 ~ +70 C°

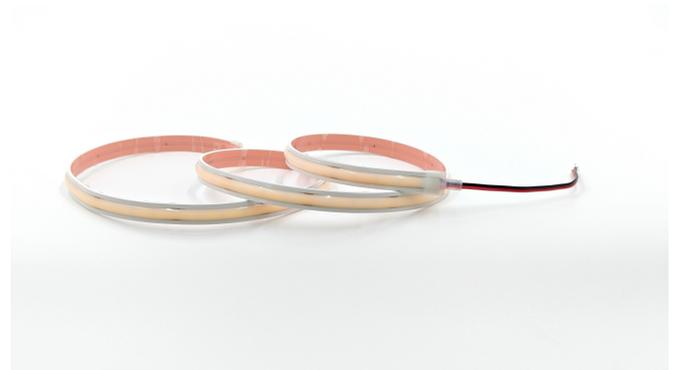
## Dimensions

Cutting increments	50 mm See figure 1.
Length	5,000 mm
Width	10 mm
Height	1.6 mm

## Lifetime

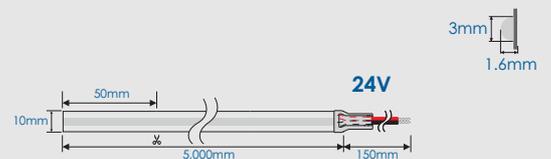
Lifespan (L70)	>54,000 hours
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Testing environment temperature = 25 C°



**Figure 1.**

Dimensions & Cutting increments



**Figure 2.**

Suitable Accessories

### Profile



Surface-Mount  
Code: VL-SF1507



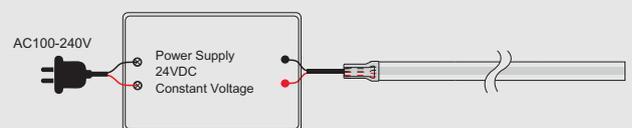
Recessed-Mount  
Code: VL-RC2207



Corner-Mount  
Code: VL-TR1616

**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)