

**SERIES COB**  
COB | 384 | 8  
DOTLESS



**Technical Data**  
**LED Flexible Strip Light**  
**COB | 384 | 8**  
**Issue: V2.0**



## Features

- High density 384x chips/m COB LED
- **No visible dot design**
- High efficacy of 100m/W
- **High CRI >90**
- Efficient heat design, requires no heat-sink
- Ultra flexible substrate
- Safe low voltage
- Pre-wired at both ends
- Double sided tape mounting



## Electrical Data

Voltage	12.0 / 24.0 VDC
Wattage per metre	8.0 W
Current per metre	0.67A / 12V 0.33A / 24V

## LED Data

LED type	COB
Manufacturer	SAN'AN
Chips per metre	384

## Photometric Data

Colour temperature	See figure 2
Colour rendering index Ra	>90
Luminous flux per metre	800 lm >3,700°K
Luminous efficacy	100 lm/W >3,700°K
Beam angle	160°
Dimmable	1 ~ 100%

## Construction / Protection Data

Substrate	Double layer FPCB
Thickness of FPCB	2 oz
Mounting	Double sided tape 3M
IP rating	See figure 3
Operating temperature	-20 ~ +70 C°
Storage temperature	-20 ~ +50 C°

## Dimensions

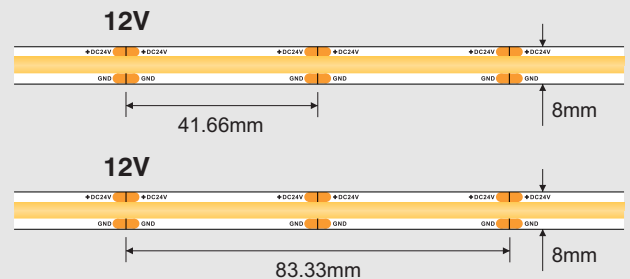
Cutting increments	41.66mm See figure 1
Length	5, 10, 20m
Width	8.0mm
Height	3.0mm

## Lifetime

Lifespan (L70)	>50,000 hours
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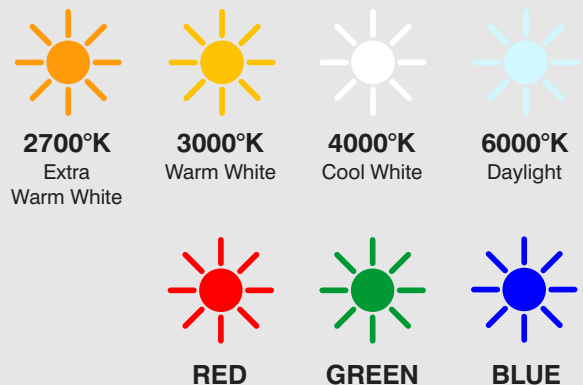
**Figure 1.**

Cutting Increments



**Figure 2.**

Colour Temperatures



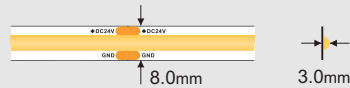
**Figure 3.**

IP Protection Ratings

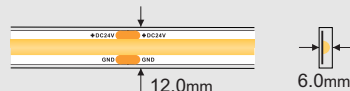


## Dimensions

IP20



IP67



## Ordering Information

LL COB	384	12	4K0	IP20	5M
LED Type	Chips / m	Voltage	Colour	IP Rating	Length
COB	384	12 24	2K7 3K0 4K0 6K0 Colours*	20 67	5m

\* Blue, green, and red LEDs can be ordered as an indent item, MOQ may apply

## Installation

- The mounting surface must be clean, dry and free from dust or grease.
- Carefully unroll the LED strip from the reel.
- Measure and cut the LED strip to the required length (only cut at the predefined cut interval).
- Remove the 3M self-adhesive backing tape from the LED strip carefully. **Do not remove all the backing at once otherwise the LED strip may become entangled.**
- Stick down the LED strip to the mounting surface by pressing down gently on the LED strip. **Do not apply excessive force to the LED strip, otherwise the LEDs and components may become damaged.**
- Once the LED strip has been mounted, it is then ready to be wired and powered.

**For more detailed instruction on installation & wiring please see the product page on our website.**

## Notes

- It is not recommended to power a continuous length longer than **[5m for 12V]** or **[10m for 24V]** LED strip due to voltage drop.
- **Do not exceed the rated input voltage**, always ensure a regulated power supply is used.