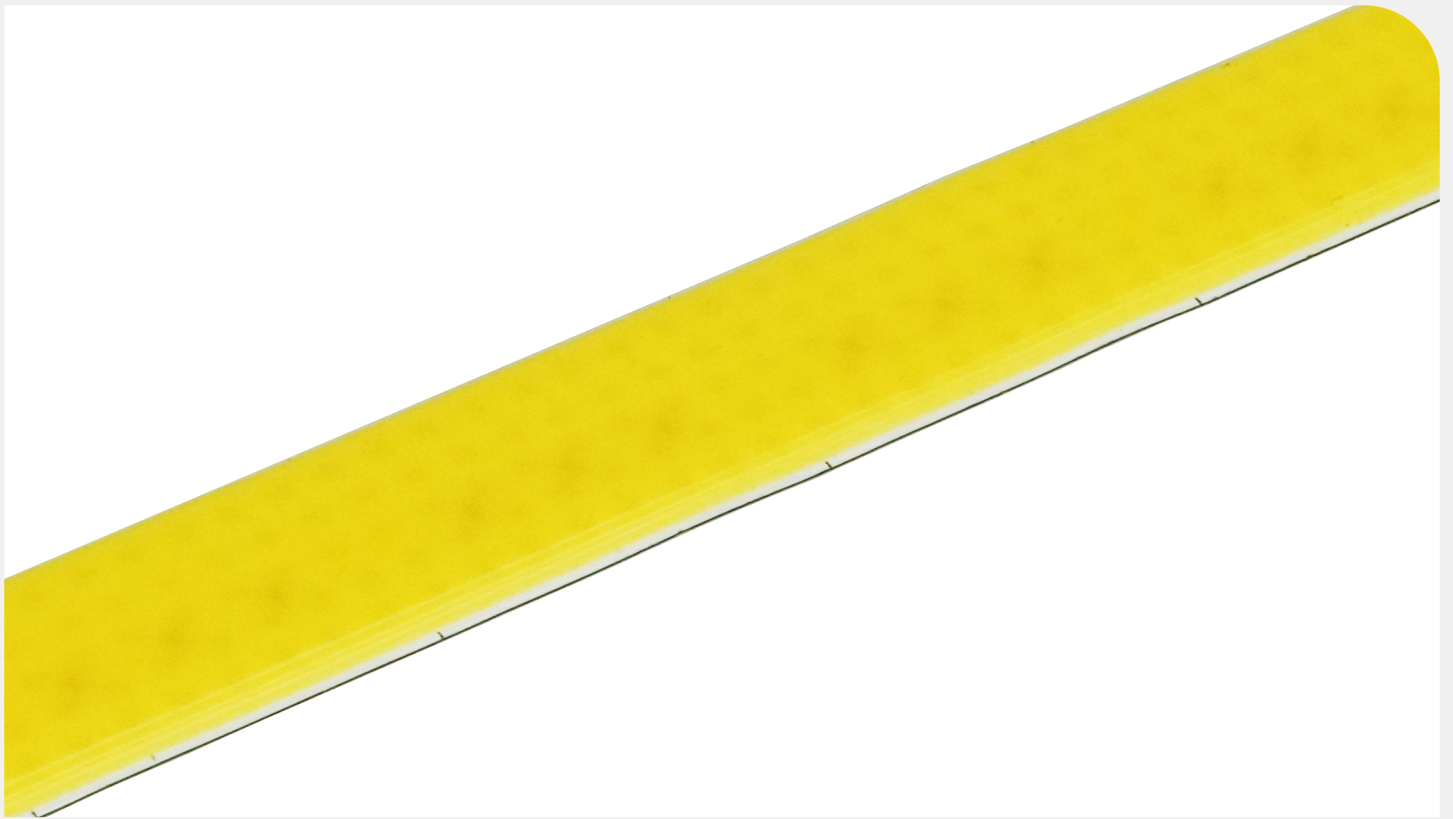


SERIES COB
COB | 1920 | 25
DOTLESS



Technical Data
LED Flexible Strip Light
COB | 1920 | 24
Issue: V1.0



Features

- High density 1920x 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	24.0 VDC
Wattage per metre	25.0 W
Current per metre	1.04A / 24V

LED Data

LED type	COB
Manufacturer	SAN'AN
Chips per metre	1920

Photometric Data

Colour temperature	See figure 2
Colour rendering index Ra	>90
Luminous flux per metre	2500 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	3 oz
Mounting	Double sided tape 3M
IP rating	See figure 3
Operating temperature	-20 ~ +70 C°
Storage temperature	-20 ~ +50 C°

Dimensions

Cutting increments	20.7 mm See figure 1
Length	5, 20 m
Width	15.0 mm
Height	3.0 mm

Lifetime

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

Cutting Increments

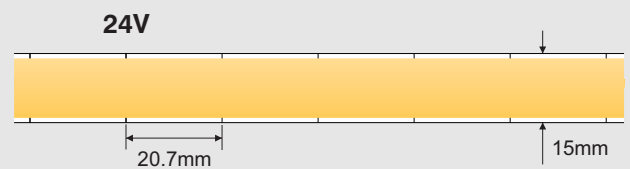


Figure 2.

Colour Temperatures

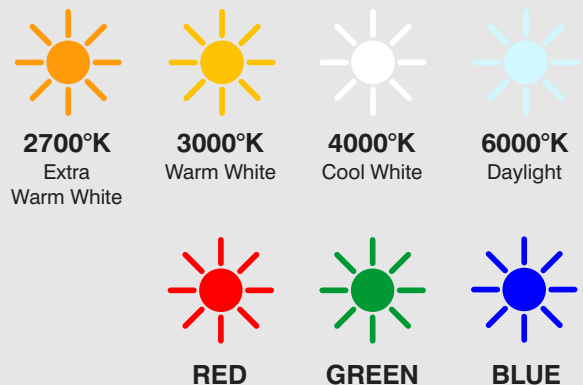


Figure 3.

IP Protection Ratings



IP20

— FPCB

— Double-sided tape 3M 9080 (indoor)

Testing environment temperature = 25°C ±2.0°