

SPI - RGBW series

COB | 16W/m | 12mm

COB

p/n: VFL-PXCOB-RGBW-840-12-24V16



Features

- Addressable RGBW version
- 12V and 24V input
- **Hotspot-free appearance**
- 14pixels per meter, IC FW1824
- RGBW controlled by SPI controller
- Durable, flexible and low profile
- Double sided 3M tape mounting



Electrical Data

Voltage	12V/24V DC
Wattage per meter	16W
Current per meter	1.3A/12V, 0.6A/24V

LED Data

LED type	COB
Manufacturer	SAN'AN
Chips per meter	840

Photometric Data

Color temperature	RGBW
Color rendering index Ra	-
Luminous flux per meter	R: 75 lm G: 302 lm B: 50 lm W: 245 lm RGBW: 810 lm
Luminous efficacy	50 lm/W RGBW
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	74.4 mm/12V, 100 mm/24V See figure 1.
Length	5,000 mm
Width	12 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

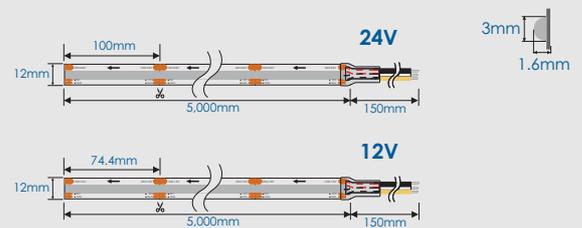
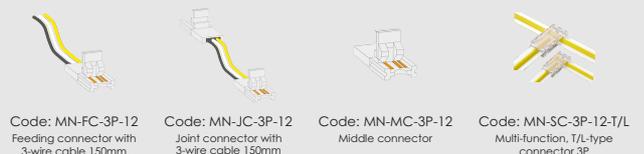


Figure 2.

Suitable Accessories

Connector



Profile



Figure 3.

IP Protection Ratings

