

RGBW-12mm series

COB | 16W/m | 12mm

COB

p/n: VFL-MCCOB-RGBW-896-12-24V16



Features

- High output RGBW
- 12V and 24V input
- **Hotspot-free appearance**
- RGBW controlled by PWM 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 | 896 |

Photometric Data

| | |
|--------------------------|--|
| Color temperature | RGBW |
| Color rendering index Ra | - |
| Luminous flux per meter | R: 109 lm G: 377 lm B: 285 lm W: 302 lm RGBW: 480 lm |
| Luminous efficacy | 30 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 | 29.4 mm/12V, 62.5 mm/24V See figure 1. |
| Length | 5,000 mm |
| Width | 12 mm |
| Height | 1.6 mm |

Lifetime

| | |
|----------------|---------------|
| Lifespan (L70) | >54,000 hours |
|----------------|---------------|

Testing environment temperature = 25 C°



Figure 1.

Dimensions & Cutting increments

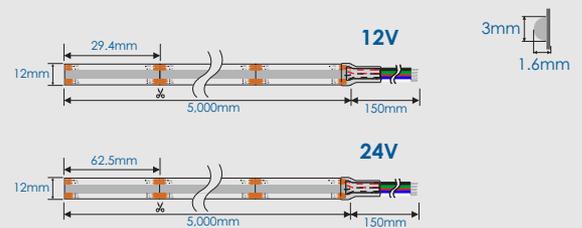


Figure 2.

Suitable Accessories

Connector



Profile



Figure 3.

IP Protection Ratings

