

RGB-8mm series

COB | 9W/m | 8mm

p/n: VFL-MCCOB-RGB-630-8-24V09

COB



Features

- Narrow 8mm width PCB
- 12V and 24V input
- Hotspot-free appearance
- RGB controlled by PWM controller
- Durable, flexible and low profile
- Double sided 3M tape mounting



Electrical Data

Voltage	12V/24V DC
Wattage per meter	9W
Current per meter	0.75A/12V, 0.38A/24V

LED Data

LED type	COB
Manufacturer	SAN'AN
Chips per meter	630

Photometric Data

Color temperature	RGB
Color rendering index Ra	-
Luminous flux per meter	R: 102 lm G: 304 lm B: 37 lm RGB: 408 lm
Luminous efficacy	45 lm/W RGB
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	55.5 mm/12V, 100 mm/24V See figure 1.
Length	5,000 mm
Width	8 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

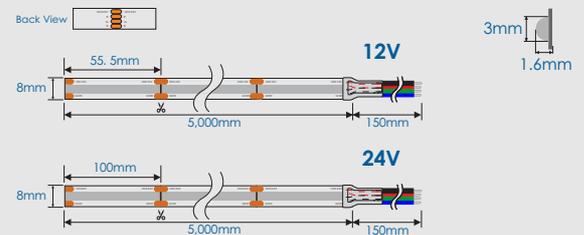


Figure 2.

Suitable Accessories

Profile



Surface-Mount
Code: VL-SF1507



Recessed-Mount
Code: VL-RC2207



Corner-Mount
Code: VL-TR1616

Figure 3.

IP Protection Ratings

