

## Multi-Color series

5050 | 8W/m | 10mm

p/n: VFL-MC5050-RGB-60-10-24V08

# RGB



### Features

- 60x RGB LED per meter
- Cost effective
- Up to 240Lm per meter
- High efficacy of 30Lm/W
- Durable, flexible and low profile
- Double sided 3M tape mounting



### Electrical Data

Voltage	24V DC
Wattage per meter	8W
Current per meter	0.3A/24V

### LED Data

LED type	SMD 5050
Manufacturer	Lumileds
Chips per meter	60

### Photometric Data

Color temperature	RGB
Color rendering index Ra	-
Luminous flux per meter	RGB: 240 lm
Luminous efficacy	30 lm/W RGB
Beam angle	120°
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	100 mm
	See figure 1.
Length	5,000 mm
Width	10 mm
Height	2.2 mm

### Lifetime

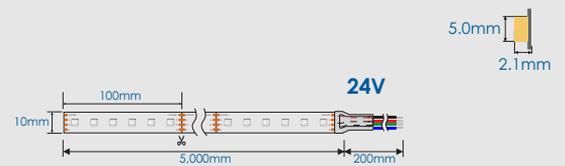
Lifespan (L70)	>54,000 hours
----------------	---------------

Testing environment temperature = 25 C°



**Figure 1.**

Dimensions & Cutting increments



**Figure 2.**

Suitable Accessories

#### Connector



Code: MN-FC-4P-10  
Feeding connector with 4-wire cable 150mm



Code: MN-JC-4P-10  
Joint connector with 4-wire cable 150mm



Code: MN-MC-4P-10  
Middle connector

#### Profile



Surface-Mount  
Code: VL-SF1507



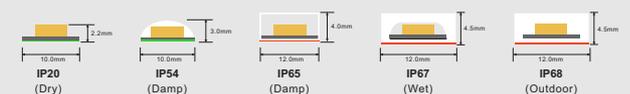
Recessed-Mount  
Code: VL-RC2207



Corner-Mount  
Code: VL-TR1616

**Figure 3.**

IP Protection Ratings



- LED
- FPCB
- Silicone Gel
- Double-sided tape 3M 300LSE (indoor)
- Double-sided tape 3M VHB (outdoor)