

VFL-LRMC5050-PXRGBW-96-12-WP67-48V14

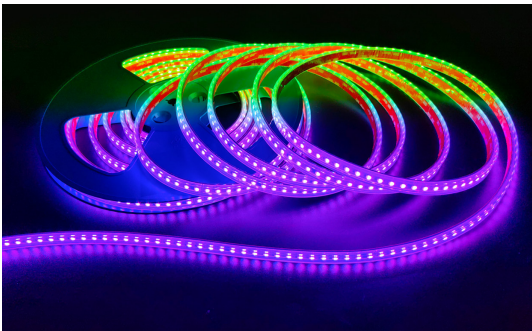
Long run pixel series
48V - 14.4W - 504Lm/m - RGBW



LED TYPE	
PROJECT	
NOTES	

Features

- 96x SMD LED per meter (29xSMD LEDs per foot)
- Long run up to 15m by one end input (49ft)
- Control protocol DMX512, and IC type UCS512H4L
- Up to 504Lm/m (153Lm/ft)
- Durable, flexible and low profile
- Double sided 3M tape mounting



Electrical Data

Voltage	48V DC
Wattage	14.4W/m (4.39W/ft)
Current	0.3A/m (0.09A/ft)/48V

LED Data

LED type	SMD 5050
Manufacturer	Lumileds
Chips	96 Led/m (29 Led/ft)

Photometric Data

Color temperature	RGBW
Color rendering index Ra	-
Luminous flux	RGBW: 504 Lm/m (153 Lm/ft)
Luminous efficacy	35 Lm/W@RGBW
Beam angle	120°
Dimmable	0~100%

Construction / Protection

Quantity of IC per meter	8 pcs
IC code	UCS512H4L
Mounting	Double sided tape 3M
IP rating	See figure 3.
Operating temperature	-20 ~ +50 °C (-4 ~ 122 °F)
Storage temperature	-20 ~ +70 °C (-4 ~ 158 °F)

Dimensions

Cutting increments	125 mm (4.92 in) See figure 1.
Length	15 m (49 ft)
Width	14 mm (0.55 in)
Height	6.0 mm (0.24 in)

Lifetime

Lifespan (L70)	>54,000 hours
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Testing environment temperature = 25 °C (77°F)



Figure 1.

Dimensions & Cutting increments

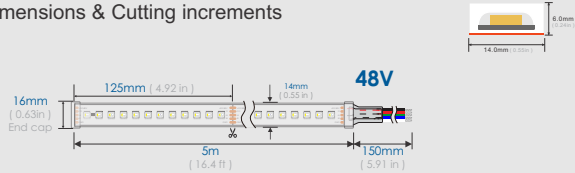


Figure 2.

Suitable Accessories

Profile



Surface-Mount
Code: VL-SF1809



Recessed-Mount
Code: VL-RC2510

Figure 3.

IP Protection Ratings

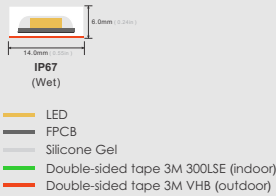


Figure 4.

Ordering Code

	Series	LED type	CCT	LED Qty	PCB Width	IP Rating	Voltage	Power/m
VFL	LRMC	5050	PXRGBW	96	12	WP67	48V	14