

Features

- 216x chips per sheet
- RGBW modular color changing
- Built-in terminal ports easy to connect to power
- Flexible, ideal for back lighting of acrylic, marble and glass
- DMX control and adopt with IC# UCS512H4L
- Durable, flexible and low profile
- Double sided 3M tape or screw mounting
- 50,000 hours rated life, and 5-year limited warranty



Electrical Data

Voltage	24.0V DC
Wattage per sheet	35W
Current per sheet	1.4A/24V

LED Data

LED type	5050
Manufacturer	Lumileds
Chips per sheet	216

Photometric Data

Color	RGBW				
CRI	90+(white)				
Luminous flux	Red	Green	Blue	4000K	RGBW
	273 Lm/sheet	767 Lm/sheet	158 Lm/sheet	840 Lm/sheet	1,820 Lm/sheet
	15 Lm/unit	35 Lm/unit	9 Lm/unit	48 Lm/unit	101 Lm/unit
	1,470 Lm/m ²	3,371 Lm/m ²	851 Lm/m ²	4,515 Lm/m ²	9,785 Lm/m ²
Luminous efficacy	52 Lm/W@RGBW				
Beam angle	120°				
Dimmable	1~100%				

Construction / Protection

Substrate	Double layer FPCB
Thickness of FPCB	2 oz
Mounting	Double sided tape 3M/screw
IP rating	See figure 3.
Operating temperature	-20 ~ +45 C°
Storage temperature	-20 ~ +70 C°

Dimensions

Cutting increments	101.6mm*101.6mm See figure 1.
Length	610mm
Width	305mm
Height	2 mm

Lifetime

Lifespan (L70)	>50,000 hours
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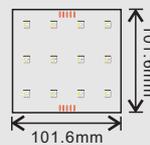
Testing environment temperature = 25 C°



Figure 1.

Dimensions & Cutting increments

Cutting increments



One sheet

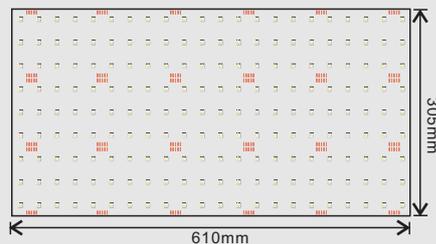


Figure 2.

Suitable Accessories



Screw



Power cable with connector

Figure 3.

IP Protection Ratings



IP20

IP54

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