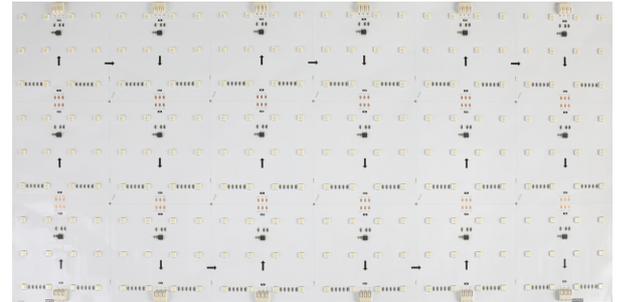


## Features

- 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
- SPI control and adopt with IC# UCS2904B
- 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	<b>32W</b>
Current per sheet	1.3A/24V

## LED Data

LED type	<b>5050</b>
Manufacturer	Lumileds
Chips per sheet	216

## Photometric Data

Color	RGBW				
CRI	90+(white)				
Luminous flux	Red	Green	Blue	4000K	RGBW
	294 Lm/sheet	840 Lm/sheet	168 Lm/sheet	893 Lm/sheet	1,664 Lm/sheet
	16 Lm/unit	38 Lm/unit	9 Lm/unit	51 Lm/unit	93 Lm/unit
	1,586 Lm/m <sup>2</sup>	3,696 Lm/m <sup>2</sup>	903 Lm/m <sup>2</sup>	4,799 Lm/m <sup>2</sup>	8,946 Lm/m <sup>2</sup>
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
----------------	---------------

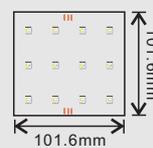
Testing environment temperature = 25 C°



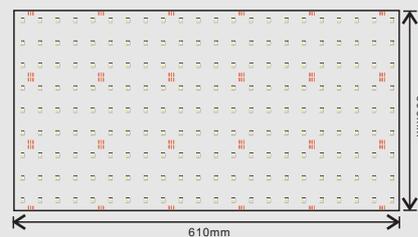
**Figure 1.**

Dimensions & Cutting increments

Cutting increments



One sheet



**Figure 2.**

Suitable Accessories



Screw



Power cable with connector

**Figure 3.**

IP Protection Ratings



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