



LED TYPE	
PROJECT	
NOTES	

## Features

- 216 x chips per sheet( 65xSMD LEDs per foot )
- RGBW SPI modular color changing
- Built-in terminal ports easy to connect to power
- Flexible, ideal for back lighting of acrylic, marble and glass
- Free-cut perfect to meet irregular shape application
- 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> ( 9.75W/ft )
Current per sheet	1.33A( 0.4A/ft )/24V

## LED Data

LED type	<b>5050</b>
Manufacturer	Lumileds
Chips per sheet	216 ( 65 Led/ft )

## Photometric Data

Color	RGBW
IC code	UCS2904B
Luminous flux	RGBW
	850 ( 259 Lm/ft ) Lm/sheet
Luminous efficacy	26 Lm/W
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 4.
Operating temperature	-20 ~ +50 C°
Storage temperature	-20 ~ +70 C°

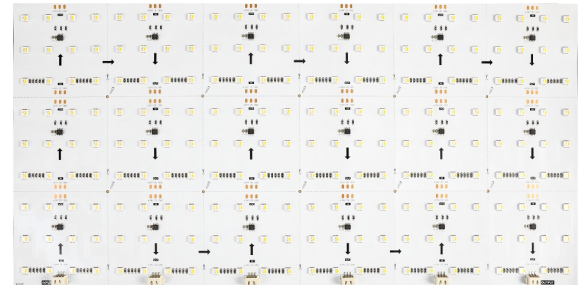
## Dimensions

Cutting increments	80mm x 80mm ( 3.15*3.15in ) See figure 1.
Length	480mm ( 18.9 in )
Width	240mm ( 9.45 in )
Height	2 mm ( 0.07 in )

## Lifetime

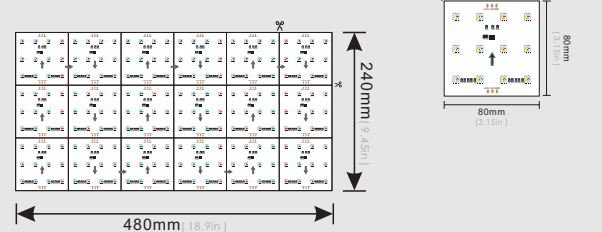
Lifespan (L70)	>50,000 hours
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Testing environment temperature = 25 C°



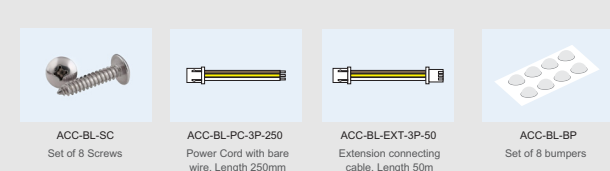
**Figure 1.**

Dimensions & Cutting increments  
One sheet



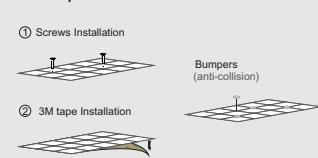
**Figure 2.**

Suitable Accessories

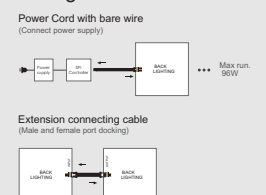


**Figure 3.**

Example of Installation



Wiring connection



**Figure 4.**

IP Protection Ratings

