



Light Source	MacAdam Ellipse (White)
2835 SMD	3-Step
Substrate	Input Voltage
Copper 3Oz	DC 24V
Solder Pad	Operating Temperature
Immersion gold	-20°C~+45°C
Color Temperature (White)	Degree of Protection
2700K 3000K 4000K 5700K	IP00
CRI (White)	Package
95 90 80	10m/reel

Why do we switch the light source for RGBW strip from 5050 RGBW to 2835 RGBW?

1. 2835 has been so popular nowadays and even with stringent binning they are always in stock for quick mounting whilst 5050 3-step is not easy to obtain for us.
2. We also benefit from much narrower LEDs pitch for homogeneous and dot-free output.
3. 2835 SMD is not that close to the edge of the board compared to 5050 SMD, lowering the risk of damaging the LEDs when it is extruded with silicone.

Article No.	Type	LEDs	LEDs/m	Color	Volt(DC)	Power(W)	Angle(°)	Wavelength/CCT	CRI	Flux(lm)	Max Length(m)
Sc2418RGBW309010	CC	2835	72	R	24V	3	120	620-630nm	-	60	5
Sc2418RGBW309010	CC	2835	72	G	24V	3	120	520-535nm	-	210	5
Sc2418RGBW309010	CC	2835	72	B	24V	3	120	460-475nm	-	40	5
Sc2418RGBW309010	CC	2835	72	W	24V	9	120	3000K	90	760	5
Sc2418RGBW309010	CC	2835	144	RGBW	24V	18	120	5000K	70	1050	5

