LED Technologies
Creative LED & Effect Technology for the Trade Professional

Studio Flex

StudioFlex RGB Cool/Warm White CRI80 LED Strip - 24V 100W IP20



Product Code:	100.844
Product Type:	StudioFlex LED Strip
Guarantee Period:	5 Years

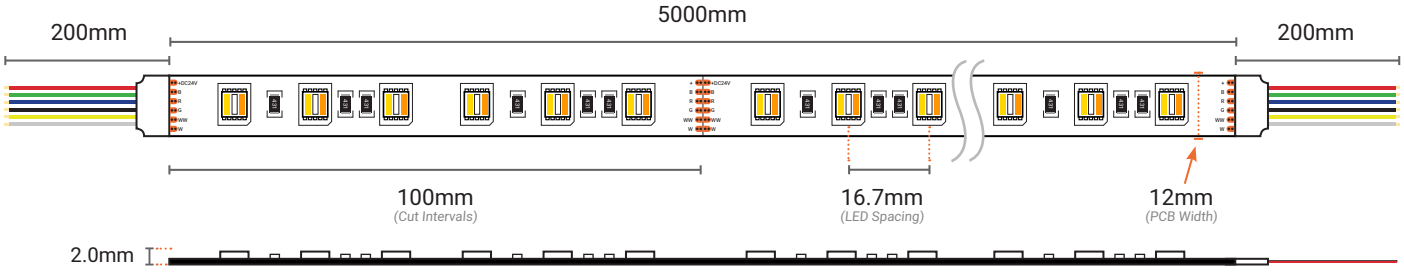
Features & Benefits:

- RGB CW 6000-6500 & WW 2400-2600k
- Over 16 million colour choices
- 60 x 5050 LED's Per Metre
- 1150 lm / 20 Watts Per Metre
- Built with high quality materials
- 5 Year warranty
- 5 Metre Roll
- Combined 5 In 1 Chip

150g *appx* **2oz** *PCB Weight* 24V

Colour Temperature:	RGB+WW(2400-2600K)+CW(6000-6500K)
Power	100W
Current:	830mA/M
Input Voltage:	24V DC
Cut Intervals:	100mm
LED Quantity:	60 LEDs per Metre
LED Spacing:	16.7mm
LED Type:	SMD5050 5 chips in 1 LED
Size:	12x2.0x5000mm Roll
CRI Rating:	CW colour >80 / WW colour >80
Dimmable:	Yes
Lumens per LED:	18-20lm per LED
Lumens per Metre:	1150m /m
Light intensity per LED:	5400mcd-6000mcd
Power Consumption per Metre:	20W
IP Rating:	IP20
Average LED Lifetime:	50,000 Hours
Reel Length:	5m
Peelable Back:	300LSE 3M adhesive tape
CE & RoHS:	Yes
Continuous Run:	5 metres
Base Type:	20cm tails on each end

Dimensions (Unit: mm)



Notes:

- The LED Strip cutting points are situated 100mm apart from each other. The cutting marks are located on the five copper tabs every 100mm . The LED Strip must **NOT** be cut anywhere else.
- This StudioFlex RGB LED Strip features 60 LEDs per metre, perfect for professional applications

UK CA | CE | RoHS Compliant

We reserve the right to change specifications without notice. E&OE

If you require Technical support or for general enquiries, please do not hesitate to contact one of our LED Technical experts on the contact information provided.

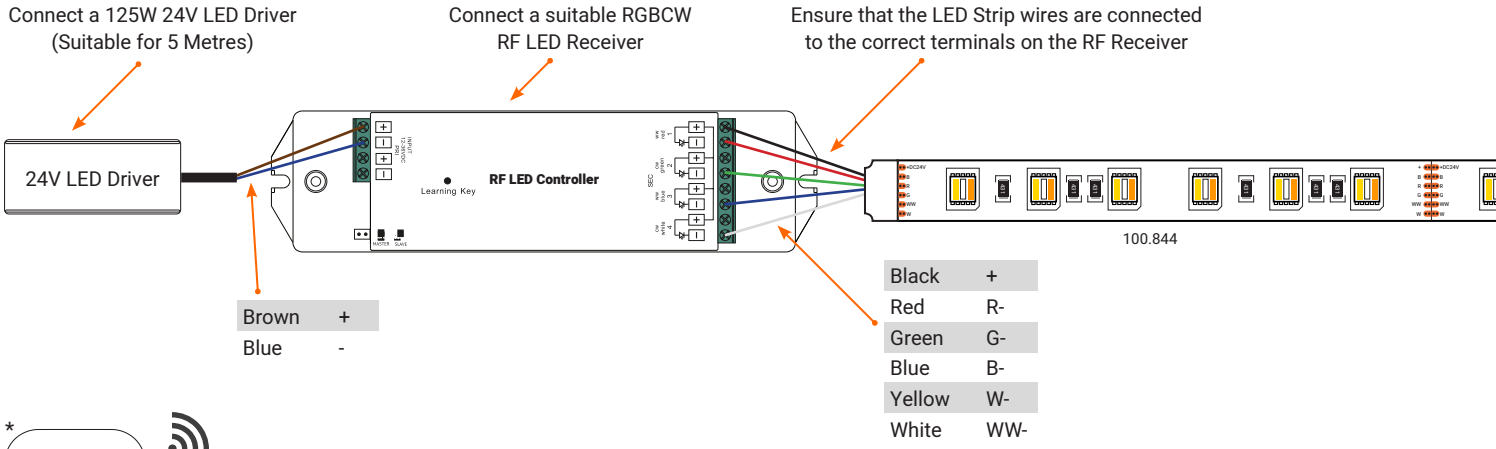
Telephone: 01260 540014
Opening times: Mon-Thur: 8:30am - 5:00pm
Fri: 8:30am - 4:30pm
www.ledtechnologies.co.uk

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100.844 Connection Diagram





Sunricher RGBW RF Controller

SR2819SP

Example of RF Control Method

RF WiFi DMX DALI 0-10V zigbee Z-WAVE

Notes:

- The StudioFlex Strip is powered by 100W, so we recommend a **125W LED Driver** to safely power **5 Metres** of the strip.
- Ensure that the LED Strip wires are connected to the correct terminals on the suitable LED Receiver chosen. Please see the diagram above for the correct terminals to attach each wire to.
- **Our range of LED Strip is not limited to RF Control Methods. Many other control options are available for the LED Strip including DMX, DALI ZiGBEE & more.*

+10% Tolerance on all Specifications. Colours can be variable.
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