LED Technologies
Creative LED & Effect Technology for the Trade Professional

Studio Flex
OPTIMA

Optima Warm White (2800-3100K) LED Strip CRI 95+ 24V 120W IP20



Product Code:	100.990
Product Type:	StudioFlex LED Strip
Guarantee Period:	5 Years

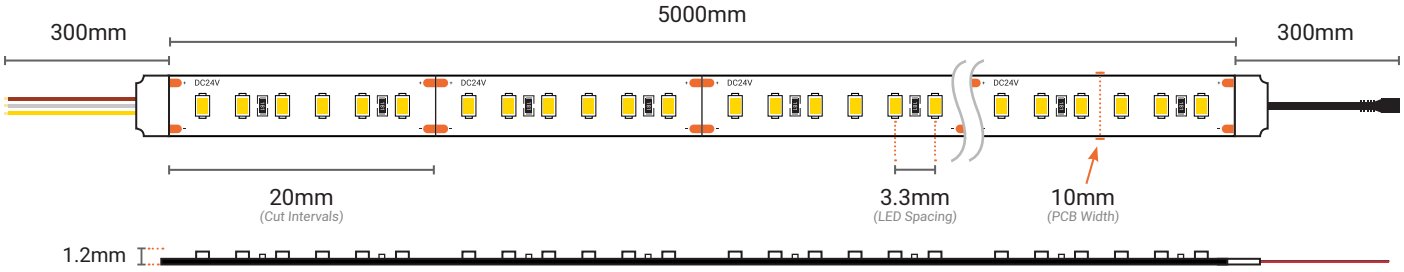
Features & Benefits:

- Warm White (2800-3100k)
- Tightly Spaced LEDs at 3.3mm apart
- 300 x 2216 LEDs Per Metre
- 2050 lumens & 24 Watts Per Metre
- CRI Rating Greater than 95
- 5 Year warranty
- 20mm Cut Intervals
- Superior Tesa 4965 3m Adhesive

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

Colour Temperature:	2800-3100K
Power	120W
Current:	1000mA/M
Input Voltage:	24V DC
Cut Intervals:	20mm
LED Quantity:	300 LEDs per Metre
LED Spacing:	3.3mm
LED Type:	SMD2216
Size:	10x1.2x5000mm Roll
CRI Rating:	>95
Dimmable:	Yes
Lumens per LED:	6-7lm per LED
Lumens per Metre:	2050m /m
Light intensity per LED:	1800-2100mcd
Power Consumption per Metre:	24W
IP Rating:	IP20
Average LED Lifetime:	50,000 Hours
Reel Length:	5m
Peelable Back:	Tesa 4965 red 3M adhesive tape
CE & RoHS:	Yes
Continuous Run:	5 metres
Base Type:	30cm tails and 30cm cable+DC connector

Dimensions (Unit: mm)



Notes:

- The LED Strip cutting points are situated 20mm apart from each other. The cutting marks are located on the two copper tabs every 20mm. The LED Strip must **NOT** be cut anywhere else.
- This StudioFlex Optima 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.

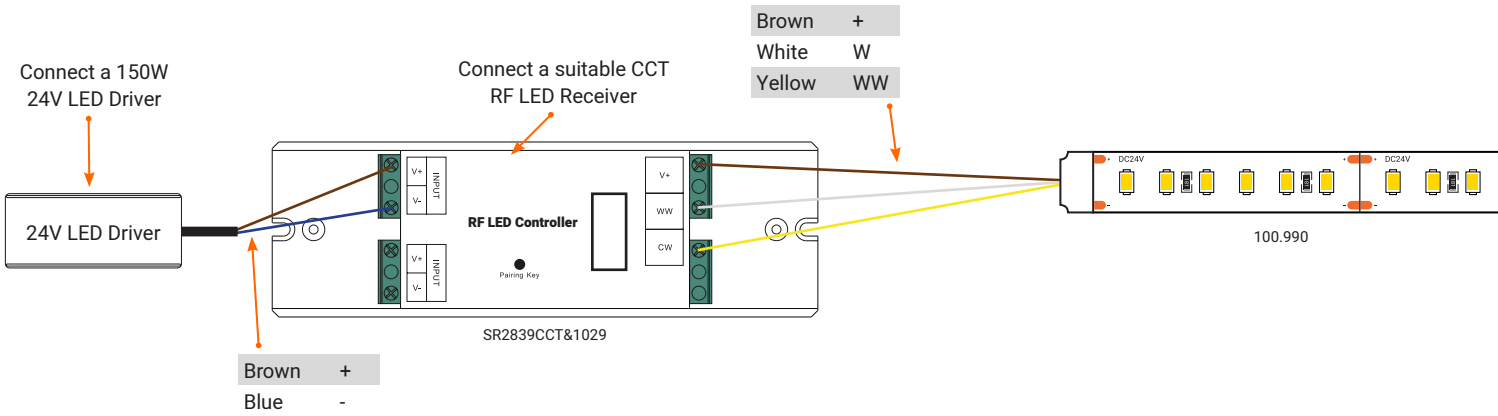
Telephone: 01260 540014
Opening times: Mon-Thur: 8:30am - 5:00pm
Fri: 8:30am - 4:30pm
www.ledtechnologies.co.uk

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100.990 Connection Diagram





Sunricher RGBW RF Controller

SR2819SP

Example of RF Control Method

Notes:

- The StudioFlex Strip is powered by 120W, so we recommend a **150W 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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