LED Technologies
Creative LED & Effect Technology for the Trade Professional

Studio Flex
OPTIMA

# Optima Daylight White (4000-4500K) LED Strip CRI 95+ 24V 120W IP20



| | |
|---|---|
| Product Code: | 100.987 |
| Product Type: | StudioFlex LED Strip |
| Guarantee Period: | 5 Years |

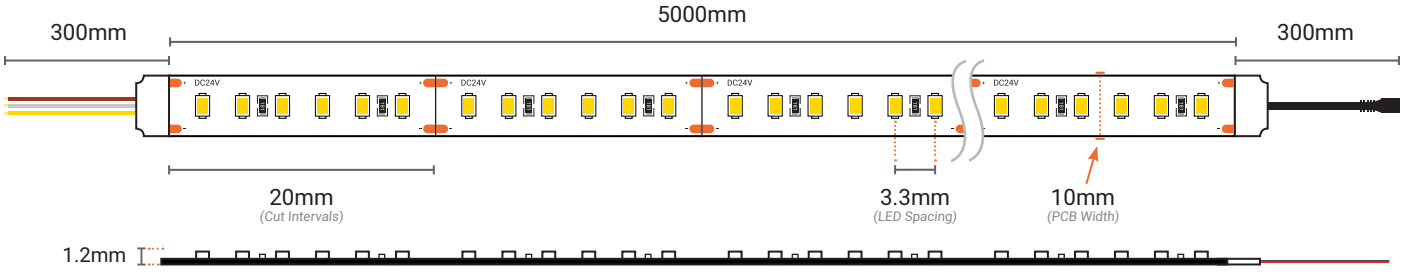
## Features & Benefits:

- Daylight White (4000-4500k)
- Tightly Spaced LEDs at 3.3mm apart
- 300 x 2216 LEDs Per Metre
- 1800 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: | 4000-4500K |
| 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: | 1900m /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

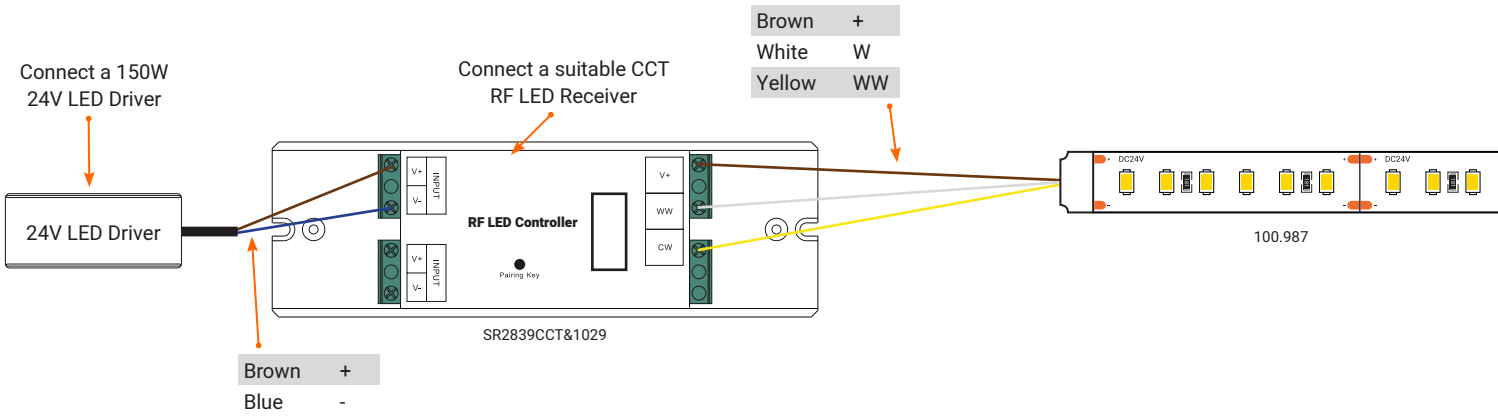
**We reserve the right to change specifications without notice. E&OE**

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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## 100.987 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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