Flexible LED Strip - SMD 3528

Our flexible strip LED lighting uses long life super bright Epistar 3528 LEDs, for intense **single colour luminosity** with extremely low power consumption of just 4.8 watts per metre. 60 LEDs per metre on a flexible PCB (printed circuit board), with 3**M™ adhesive backing or mounting clips making installation of accent lighting in a variety of complex environments simple.**
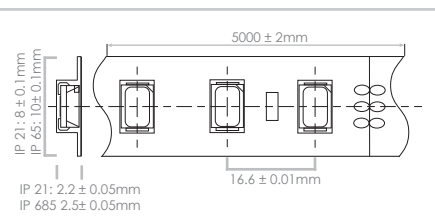
Supplied in 5 metre rolls, strips can be cut at every 3 LEDs (50mm intervals), tailoring the length to suit your application. Suitable for indoor use; IP21 strips, or IP65 silicone cover for outdoor/waterproof requirements. We also stock a range of power supplies (waterproof and non-waterproof) of varying outputs according to your requirements (please refer to the table below for details).
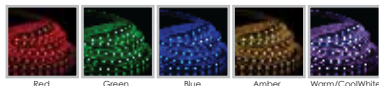
Specification

Rated life span of +30,000 hours / 5 metre rolls / Dimmable (using 12V dimmer/controller) / Minimum bend radius of 20mm / No UV or IR emissions / Low temperature operation / 3M™ adhesive backing or mounting clips for application / IP21 (non-waterproof) or IP65 (waterproof) available / Max 5m per run to avoid reduced brightness from any voltage drop

Code	IP Rating	Power Consumption	Lumen Output
SDFS-3528A	IP21	4.8W/m	40lm/m
SDFS-3528B	IP65	4.8W/m	35lm/m

Available in the following stock lumen finishes:

Red Green Blue Amber Warm/CoolWhite

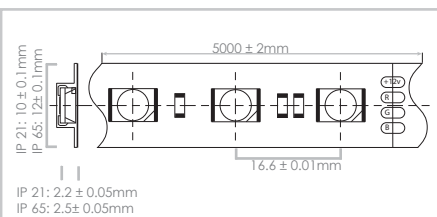| Power Supply Unit		
Distance	Non-Waterproof	Waterproof (IP65)
≤ 5m	PSU-20B-12	PSU-20B-12
5m - 30m	PSU-150A-12	PSU-150B-12
30m - 70m	PSU-350A-12	N/A

High Power RGB LED Strip - SMD 5050

RGB flexible LED strip light, not only allows **colour changing flexibility across a vast range of colours**, but also ultra bright output. High power Epistar 5050 LEDs not only achieve a high luminosity of 22.5 lumens per Watt, but also superb efficiency operating at 14.4 Watts per metre. Compatible with our standard RGB controllers (or DMX controllers for more extensive functionality), which is capable of producing **more then 16 million colours**. Brightness levels also adjustable (0% - 100%) with fade in / out and jump / flash effects to suit a range of environments. 60 LEDs per metre on a flexible PCB (printed circuit board), with 3M™ adhesive backing or mounting clips make installation of accent lighting across all projects simple. Supplied in 5metre rolls, strips can be cut every 3 LEDs (at 50mm sections), tailoring length to suit all applications. Suitable for indoor use; IP21 strips, or IP65 silicone cover for outdoor/waterproof requirements. We also stock a wide range of power supplies (waterproof and non-waterproof) of various power outputs according to your requirements (please refer to the table below for details).

Specification

Up to 16 million colours through RGB controller (or DMX) / Rated life span of +30,000 hours / 5 metre rolls / Dimmable (using 12V dimmer/controller) / Minimum bend radius of 20mm / No UV or IR emissions / Low temperature operation / 3M™ adhesive backing or mounting clips for application / IP21 (non-waterproof) or IP65 (waterproof) available / Max 5m per run

Code	IP Rating	Power Consumption	Lumen Output
SDFS-5050A	IP21	14.4W/m	320lm/m
SDFS-5050B	IP65	14.4W/m	280lm/m

Additional lumen finishes through RGB functionality:

Up to 16 million other colours acheieved by RGB/DMX controller

Power Supply Unit		
Distance	Non-Waterproof	Waterproof (IP65)
≤ 2m	PSU-30B-12	PSU-30B-12
2m - 10m	PSU-150A-12	PSU-150B-12
10m - 22m	PSU-350A-12	N/A

Diagrams

5000 ± 2mm
IP 21: 8 ± 0.1mm
IP 65: 10± 0.1mm
16.6 ± 0.01mm
IP 21: 2.2 ± 0.05mm
IP 685 2.5± 0.05mm

5000 ± 2mm
IP 21: 10 ± 0.1mm
IP 65: 12± 0.1mm
16.6 ± 0.01mm
IP 21: 2.2 ± 0.05mm
IP 65: 2.5± 0.05mm

Technical Specifications

Beam Angle: 120°

Operating Voltage: DC 12V

Dimming / RGB controller

LED Type: Epistar 3528 / 5050 LEDs

Operating Temperature: -20°C to 50°C

IP21 IP65 DC 12V 3 Yr RGB

Flexible LED Strip
Single Strip 12v

RGB / Single Colour