



Powell

LED FLEXI STRIP



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ABOUT LED FLEXI STIP

Powell LED Flexi-Strip is a combination of the latest developments in LED (light emitting diode) and polymer extrusion technology.

This has resulted in a flexible LED light strip that has a long life span and very low energy consumption. The flexible and durable polymer extrusion makes the LED light Strip not only waterproof (not connectors) but also impact resistant, ideal for many applications

Advantages include:

- Low power consumption
- Long life
- Waterproof IP66/67 (not connectors)
- Long running lengths
- Close cutting lengths
- No maintenance



Running Cost:

Based on 12pence per unit of electricity the standard 27.8mm spacing will only cost 1.2pence per hour to run per 28 linear metres (100 watts) making the LED flexi Strip very cost effective to run.

LED Spacing:

The standard spacing of the LED's is 27.8mm, different spacing can be supplied up to 100mm (available as special order)

Dimensions:

The standard single colour LED Flexi Strip comes in two sizes 5 x 8mm and 6 x 12mm and is available per metre or roll (45m or 90m depending on colour)

RGB Flexi Strip ****NEW****

The RGB Flexi-Strip features stunning colour effect as it is fully colour changeable. It comprises the smallest single-unit colour effect and it has the finest resolution amongst other flexible lighting. The sizes of our RGB Flexi-Strip make it more flexible when it comes to application usage. By adding a specialized (RGB) Controller it can produce over 1.6 million colour grades

Cutting:

The LED Flexi Strip can be cut to length using scissors or a knife but must be cut on the cutting marks printed on the back of the strip, the LED's are connected in series and if the strip is cut out side the cut mark that section will not function



WHITE



Colour Temp: 4000 to 4500K
Voltage 24 Volt DC (other to order)
Power: 3.6 watts per metre
Protection: IP66
Material: Polymer TPE
LED Spacing: 27.8mm
Section Length: 16.7cm
LED's Per Section: 6
Roll Length 45 Metres

Order Number 6x12 PFS-24-6x12-WH
Order Number 5x8 MPFS-24-5x8-WH

WARM WHITE



Colour Temp: 3000 to 3500K
Voltage 24 Volt DC (other to order)
Power: 3.6 watts per metre
Protection: IP66
Material: Polymer TPE
LED Spacing: 27.8mm
Section Length: 16.7cm
LED's Per Section: 6
Roll Length 45 Metres

Order Number 6x12 PFS-24-6x12-WW
Order Number 5x8 MPFS-24-5x8-WW

BLUE



Wavelength: 470nm
Voltage 24 Volt DC (other to order)
Power: 3.6 watts per metre
Protection: IP66
Material: Polymer TPE
LED Spacing: 27.8mm
Section Length: 16.7cm
LED's Per Section: 6
Roll Length 90 Metres

Order Number 6x12 PFS-24-6x12-BL
Order Number 5x8 MPFS-24-5x8-BL

GREEN



Wavelength: 530nm
Voltage 24 Volt DC (other to order)
Power: 3.6 watts per metre
Protection: IP66
Material: Polymer TPE
LED Spacing: 27.8mm
Section Length: 16.7cm
LED's Per Section: 6
Roll Length 90 Metres

Order Number 6x12 PFS-24-6x12-GR
Order Number 5x8 MPFS-24-5x8-GR

AMBER



Wavelength: 587nm
Voltage 24 Volt DC (other to order)
Power: 2.16 watts per metre
Protection: IP66
Material: Polymer TPE
LED Spacing: 27.8mm
Section Length: 27.8cm
LED's Per Section: 10
Roll Length 90 Metres

Order Number 6x12 PFS-24-6x12-AM
Order Number 5x8 MPFS-24-5x8-AM

RED



Wavelength: 587nm
Voltage 24 Volt DC (other to order)
Power: 2.16 watts per metre
Protection: IP66
Material: Polymer TPE
LED Spacing: 27.8mm
Section Length: 27.8cm
LED's Per Section: 10
Roll Length 90 Metres

Order Number 6x12 PFS-24-6x12-RD
Order Number 5x8 MPFS-24-5x8-RD

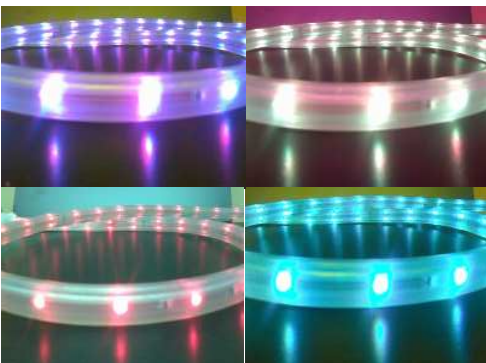
YELLOW GREEN



Wavelength: 530nm
Voltage 24 Volt DC (other to order)
Power: 2.16 watts per metre
Protection: IP66
Material: Polymer TPE
LED Spacing: 27.8mm
Section Length: 27.8cm
LED's Per Section: 10
Roll Length 90 Metres

Order Number 6x12 PFS-24-6x12-YG
Order Number 5x8 MPFS-24-5x8-YG

RGB !NEW!



Dimensions 15 x 7.6mm (± 0.5mm)
Voltage 24 Volt DC
Power: 5.6 watts per metre
Protection: IP66
Material: Polymer
LED Spacing: 31mm
Section Length: 185mm
LED's Per Section: 6
Roll Length 30 Metres

Order Number PFS-24-7.6x15-RGB

LED FLEXI STRIP

Accessories'

40 cm 6X12 mm Connector Set

1 x 40cm Cable with molded female connector
1 x Male connector
1 x End cap

Order No: 6x12-CS-40cm

180 cm 6X12 mm Connector Set

1 x 180cm Cable with molded female connector
1 x Male connector
1 x End cap

Order No 6x12-CS-180cm

Male Connector 6x12mm

Male connector per 10

Order No 6x12-MC

Female Connector 6x12mm

Female connector per 10

Order No 6x12-FMC

40 cm 5x8 mm Connector Set

1 x 40cm Cable with molded female connector
1 x Male connector
1 x End cap

Order No: 5x8-CS-40cm

180 cm 6X12 mm Connector Set

1 x 180cm Cable with molded female connector
1 x Male connector
1 x End cap

Order No 5x8-CS-180cm

Male Connector 6x12mm

Male connector per 10

Order No 5x8-MC

Female Connector 5x8mmmm

Female connector per 10

Order No 5x8-FMC

Accessories'

20 Watt PSU



Power: 20 Watt
Dimensions: L-123 x W-39 x H-27mm
Input: 230VAC
Output: 24V/DC

Order Number 20W-24V-PSU

18 Watt PSU (Plug Type)



Power: 18 Watt
Dimensions: L-90 x W-40 x H-40mm
Input: 230VAC (from UK Mains Socket)
Output: 24V/DC

Order Number 18W-24V-PSU-PT

66 Watt PSU (Desktop Type)



Power: 66 Watt
Dimensions: L-143 x W-73 x H-42mm
Input: 100-240VAC, 50/60Hz, 1.5A
Output: 24V/DC-2.75A 66 Watt Max

Order Number 66W-24V-PSU-DT

120 Watt PSU (Desktop Type)



Power: 120 Watt
Dimensions: L-165 x W-65 x H-35mm
Input: 100-240VAC, 50/60Hz, 1.5A
Output: 24V/DC-5A 120 Watt Max

Order Number 120W-24V-PSU-DT

Accessories'

Nail Clip 6x12mm



Dimensions: W18 x H11mm

Material: Nylon with Nail

Order Number 6x12mm NC

Saddle & Tie 6x12mm



Dimensions: L 16 x W 23 x H 17

Material: PVC With Screw

Order Number 6x12 ST

U-Profile 6x12mm



Dimensions: L-1000 x W18 x H7mm

Material: PVC (Clear)

Order Number 6x12 U-P

U-Profile 5x8mm



Dimensions: L-1000 x W11 x H6mm

Material: PVC (Clear)

Order Number 5x8 U-P



LED FLEXI STRIP

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