

Essential Horizontal Bend Pixel LED Flex - 24V - 12x22mm - IP65 - 5 Metre Kit

tagra®

SKU: TD24-RGB-NEON-5M



24V

60
LEDs/m

10
Pixel/m

WS
2811

1YR
Warranty

- ▶ 60 LEDs per metre
- ▶ 10 Pixels per metre
- ▶ 100mm Cut Points
- ▶ Max. Run Length 5M
- ▶ IC Type: WS2811
- ▶ 1YR Warranty

Description

- ▶ Lightweight and flexible
- ▶ Silicone material, Anti UV, Anti Corrosion
- ▶ Horizontal Bending, Non-spotting
- ▶ CE & UKCA certification
- ▶ Ideal for single use display lighting indoors and temporary installations outdoors

Electrical Data

SKU	Voltage	Current Consumption			Power Consumption		
		Max.	Typ.	5m	Max.	Typ.	5m
TD24-RGB-NEON-5M	24V	0.5A/m	0.5A/m	2.5A	12.0W/m	12.0W/m	60W
				Standby Current	0.3A		

Photometric & Light Data

Colour Temp	Chip Type	Beam Angle	Dimmable	LEDs / m	LEDs / Pixel	Pixels / m
RGB	5050 RGB	180°	Yes	60 LEDs	6 LEDs	10 Pixels

Control Type	IC Type	Colour Resolution	PWM Rate
Digital Addressable	WS2811	8 bits	400Hz

Colour	CCT / Wavelength	Lumens / m	Lumens / W	CRI
RGB	RGB	796	67	-
RED	620-630nm	224	-	-
GREEN	515-525nm	522	-	-
BLUE	460-470nm	87	-	-

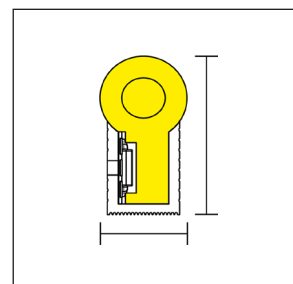
Mechanical Data

IP Rating	Cut Points	Cable Length	Cable End	Cable Type
IP65	100mm	200mm	Dual End	20AWG

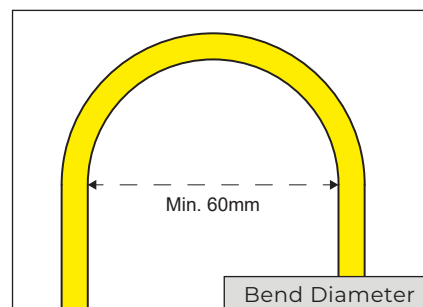
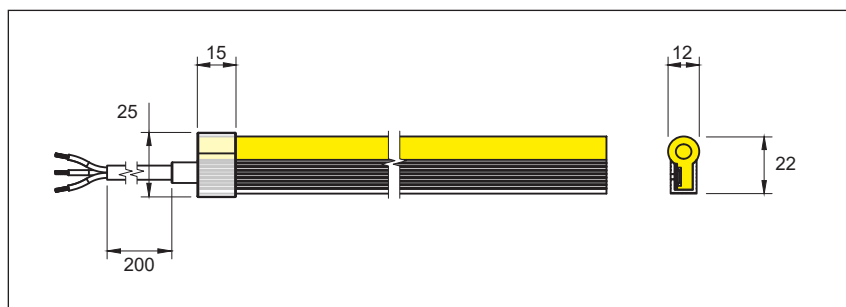
Adhesive	Bend Dia.	OTR	Warranty	Back-up Data Line
-	Ø 60mm	-0°C ~ +45°C	1 Year	No

Length	Width	Height	PCB Colour	PCB Weight
5000mm	12mm	22mm	-	3oz

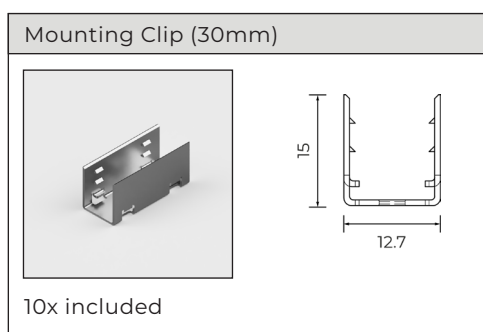
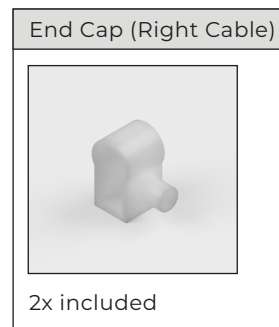
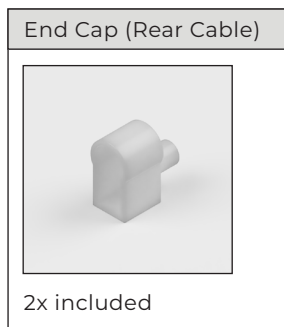
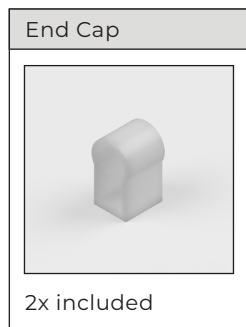
Wire Colours	DCV+ ▶ Red	Data/SPI ▶ Blue	Ground ▶ Black
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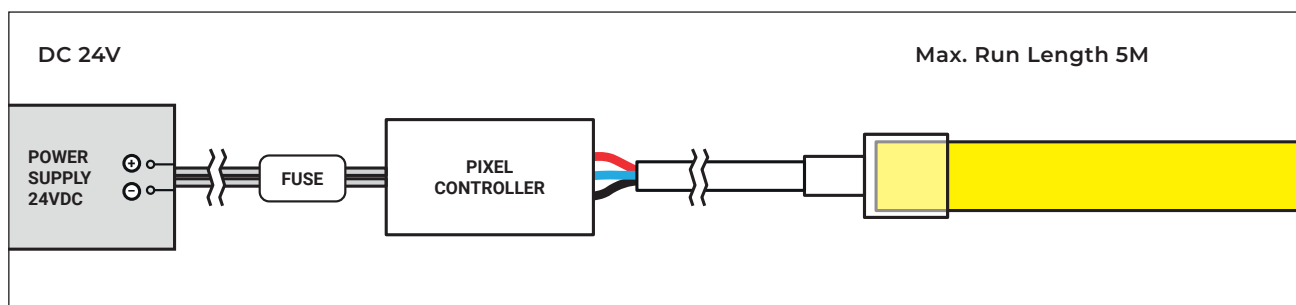
Dimensions



Accessories (included)



Connection Diagram



- This product must be installed by a suitably competent person. Check polarity (+/-) is correct before turning on. Incorrect polarity can cause damage to the product.

RGB PIXEL		
LED	WIRE	CONTROLLER
+V	Red	+V
DI	Blue	DATA
GND	Black	-V (GND)