

Toning Digital Pixel LED Strip Light

24V - 96 LEDs per metre - 16 Pixels per metre - IP20

tagra®

SKU: TD24-RGB-96



24V

96

LEDs/m

16

Pixels/m

62.5

(mm)
Cut Point

2YR

Warranty

Key Features

- Available in RGB
- 62.5mm Cut Points
- 96 LEDs per metre
- 16 Pixels per metre
- IC WS2811 Protocol
- Up to 722 Lumens per metre
- Available in 5M & 20M reels
- 2 Year Warranty

Electrical Data

Voltage	Max. Current	Typ. Current	Current 5M	Max. Power	Typ. Power	Power 5M
24V	0.9A/m	0.9A/m	4.5A	22.0W/m	22.0W/m	110W

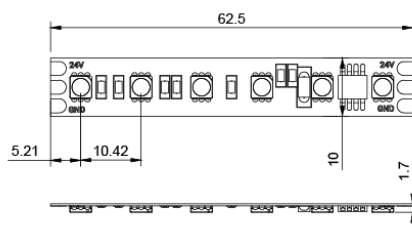
Photometric Data

Colour Temperature	CCT/Wavelength	Lumens/m	LED Chip	LEDs/m	LEDs/unit
Red	620-630nm	188lm	4040	96 LEDs	6 LEDs
Green	515-525nm	441lm	Cut Points	CRI	Beam Angle
Blue	460-470nm	93lm	62.5mm	-	120°
RGB	-	722lm	SDCM	Dimmable	IC Type
			-	Yes	WS2811
			Pixels/m	Pixels/unit	PWM Rate
			16 Pixels	1 Pixels	2000Hz

Mechanical Data

Min. Bend Diameter	Mounting	Cable Length	Cable End	Cable Type	Wire Colours
Ø 60mm	3M Adhesive	500mm	Tinned Ends	20AWG	RED V+ DC
IP Rating	PCB Weight	PCB Colour	Operating Temperature		GREEN Data/SPI
IP20	4oz	White	-5°C ~ +40°C		BLACK Ground GND
Lifespan	Energy Rating	Warranty	Dimensions		
50,000 hrs	-	2 Years	(IP20) W10 x H1.7mm		

Dimensions



Available SKUs

SKU	CCT	IP Rating	Length
TD24-RGB-96-5M	RGB	IP20	5000mm
TD24-RGB-96-20M	RGB	IP20	20000mm

Recommended Profiles Non-Spotting

SKU	Lengths	Install Type	Colours	Diffusers
CHAN-3030	2M, 3M	Surface Mount, Corner	Silver	Semi-Clear, Opal
6114	2M, 3M	Plaster-In	Silver	Semi-Clear, Opal
9818	2M, 3M	Plaster-In	Silver	Semi-Clear, Opal
CHAN-20168	2M, 3M	Surface Mount	Silver	Semi-Clear, Opal
CHAN-23145	2M, 3M	Recessed	Silver	Semi-Clear, Opal
CHAN-171145	2M, 3M	Surface Mount	Silver, Black, White	Semi-Clear, Opal
3030CIRC	2M, 3M	Suspend	Silver	Opal
3535R3	2M, 3M	Surface Mount, Suspend	Silver, Black	Semi-Clear, Opal
CHAN-2320	2M, 3M	Recessed	Silver, Black, White	Opal, Smoked Black
CHAN-2321	2M, 3M	Plaster-In	Silver	Opal, Smoked Black
CHAN-2325	2M, 3M	Surface Mount, Suspend	Silver, Black, White	Opal, Smoked Black
2030SCD	2M, 3M	Surface Mount	Silver	Semi-Clear
2016	2M, 3M	Surface Mount	Silver	Semi-Clear, Opal
4714SCD	2M, 3M	Plaster-In	Silver	Opal
2023SCD	2M, 3M	Surface Mount	Silver	Semi-Clear, Opal
8570SCD	2M, 3M	Plaster-In	Silver	Opal
1896SCD	2M, 3M	Plaster-In	Silver	Semi-Clear

Recommended Accessories/Products

Type	IP Rating	SKU	Colour/Material	Note
Controller	IP20	SPI-CNTRLR-RGB/RGBW	White	5-24V, App Control

Recommended Drivers

Type	IP Rating	SKU	Dimmable	Brand
LED Driver	IP20	TAG24V150W-S	No	Tagra
LED Driver	IP20	TAGTRIAC24V150W	Yes	Tagra
LED Driver	IP67	TAG24V150WIP67	No	Tagra