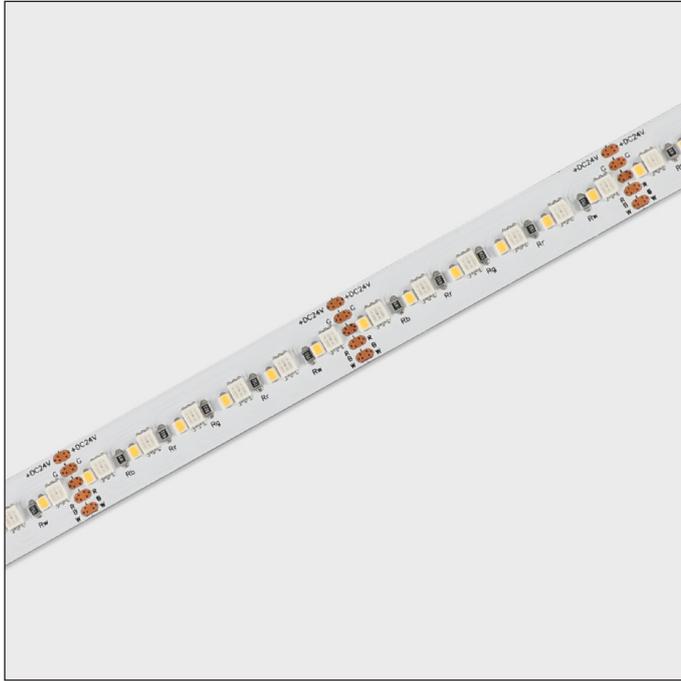


Professional High Definition Series LED Strip Light

24V - 240 LEDs per metre - RGB+W - IP20

tagra[®]

SKU: HD24-RGB5M



24V

240
LEDs/m

20.0
Watts/m

50
(mm)
Cut Point

7YR
Warranty

Key Features

- Available in RGB+1800K, RGB+2700K, RGB+3000K, RGB+4000K & RGB+6500K
- 50mm Cut Points
- 240 LEDs per metre
- Up to 1109 Lumens per metre
- <3 SDCM
- Available in 5M reels
- 7 Year Warranty

Electrical Data

Voltage	Max. Current	Typ. Current	Current 5M	Max. Power	Typ. Wattage	Power 5M
24V	0.9A/m	0.83A/m	4.1A	22.0W/m	20.0W/m	100.0W

Photometric Data

Colour Temperature	CCT/Wavelength	Lumens/m
RGB+Extra Warm White	RGB+1800K	946lm
RGB+Very Warm White	RGB+2700K	1065lm
RGB+Warm White	RGB+3000K	1102lm
RGB+Neutral White	RGB+4000K	1109lm
RGB+Cool White	RGB+6500K	1095lm

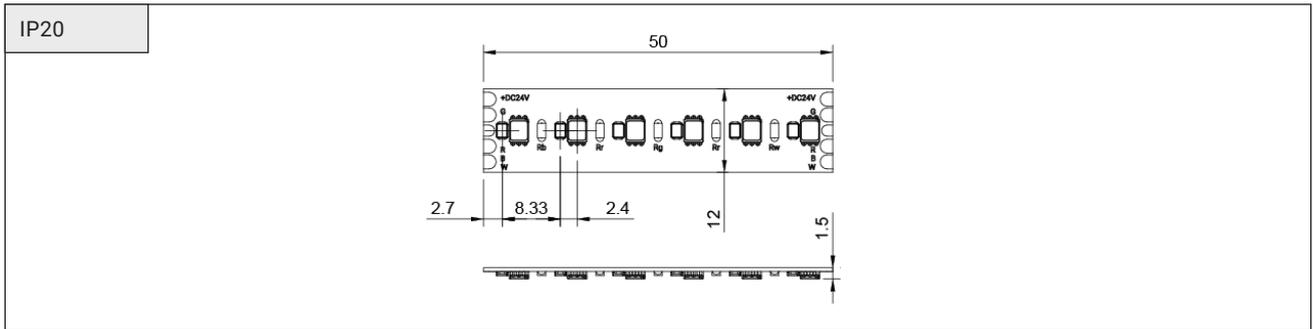
LED Chip	LEDs/m	LEDs/unit
2835+2216	240 LEDS	12 LEDS
Cut Points	CRI	Beam Angle
50mm	-	120°
SDCM	Dimmable	IC Type
<3	Yes	
Pixels/m	Pixels/unit	PWM Rate

Mechanical Data

Min. Bend Diameter	Mounting	Cable Length	Cable End	Cable Type
Ø 60mm	3M Adhesive	500mm	Tinned Ends	20AWG
IP Rating	PCB Weight	PCB Colour	Operating Temperature	
IP20	2oz	White	-5°C ~ +40°C	
Lifespan	Energy Rating	Warranty	Dimensions	
50,000 hrs	-	7 Years	(IP20) W12 x H1.5mm	

Wire Colours	
BLACK	V+ DC
RED	R-
GREEN	G-
BLUE	B-
WHITE	W-

Dimensions



Available SKUs

SKU	CCT	IP Rating	Length
HD24-RGB18K5M	RGB+1800K	IP20	5M
HD24-RGB27K5M	RGB+2700K	IP20	5M
HD24-RGB3K5M	RGB+3000K	IP20	5M
HD24-RGB4K5M	RGB+4000K	IP20	5M
HD24-RGB65K5M	RGB+6500K	IP20	5M

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
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

Recommended Accessories/Products

Type	IP Rating	SKU	Colour/Material	Note
Connector	IP20	CONSOL-RGBW-12MM-TT	Plastic	Strip to Strip
Connector	IP20	CONSOL-RGBW-12MM-TW	Plastic	Strip to Wire
Connector	IP20	CONSOL-RGBW-12MM-CC	Plastic	Corner
Cable	IP20	TC5C.5	Black, White	5 Core Cable
Controller	IP20	RGBW4CHDIM	Metal	Dimming Controller
Controller	IP20	PSCONN-5IN1WIFIRCVR	White	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