

TD24-RGB6K1205M



Key Features

- Product Width: 12mm
- IC Type: WS2814
- Lm/m (up to): 1153Lm/m
- Lm/W (up to): 43Lm/W
- CRI: 80+
- Lightsource SDCM: ≤5
- Run Length (Max): 5m
- Available Colours: 3000K, 4000K, 6000K
- Warranty: 2 Years

24V

PWM

From 2 Bins

>80 CRI

HORIZ BEND

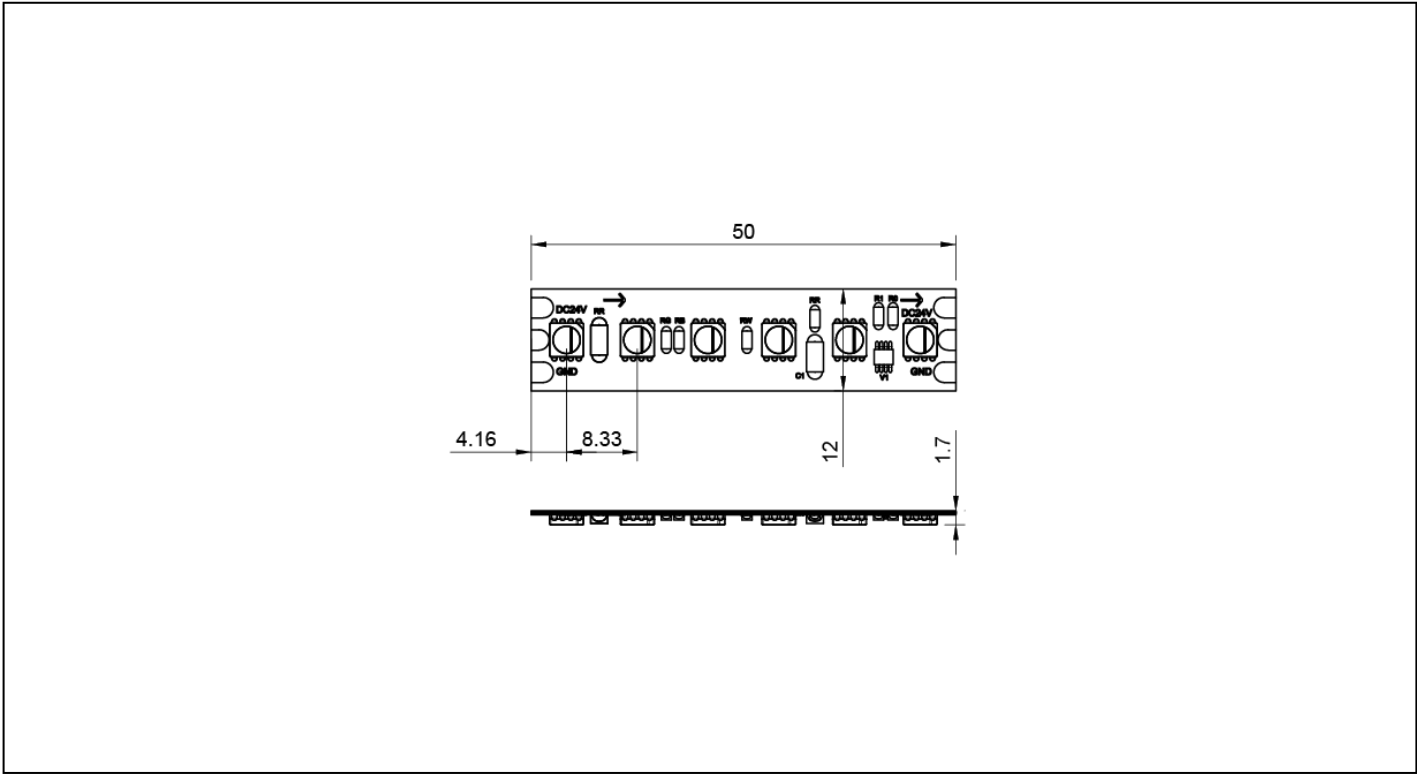
IP20

Mechanical Data

Bend Direction	Horizontal
Cable Both Ends	Yes
Cable Length	0.5 mm
Cable Sheath Material	PVC
Cable Weight	20 AWG
LED Chip Brand	Epistar
LED Chip Type	4040
Copper Foil Weight	3 oz
Cut Points	50 mm

LED Pitch	50 mm
LEDs Per Unit	6
LEDs Per Metre	120
LEDs Total	600
Min · Bend Radius	30 mm
PCB Type	Flexible
Pixels Per Metre	20
Self Adhesive Brand	3M
Self Adhesive Model Number	300LSE
Body Colour	White
Entry Cable Direction	End
Product Dimensions	5000x12x2 mm

Dimensions



Input

Input Voltage	24 V
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## Control

Control Signal Input	Pixel
Default PWM Frequency	2000 Hz
Dimming Type	PWM
IC Type	WS2814
Dimmable	Yes

## Electrical Data

Constant Voltage / Constant Current	CV
Current Max · @5 Metre	6.25A
Current Max · White @1 Metre	0.33 A
Current Max · Rated	1.25 A
Wattage Max · @1 Metre	30 W
Wattage Typ · @1 Metre	27 W
Wattage Typ · @5 Metre	135 W
Wattage Typ · @Max Run Length	135 W
Current Typ · @Max Run Length	5.5 A
Current Max · Blue @1 Metre	0.36 A
Current Max · Green @1 Metre	0.33 A
Current Max · Red @1 Metre	0.33 A
Max · Run Length	5 m

## Protection

Electrical Safety Class	III
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## Photometric Data

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Ultra LEDs have taken reasonable care to ensure that the information in this datasheet is accurate at time of publication however it should be noted that all specifications are subject to tolerance. Descriptive specifications such as colour are subjective. Ultra LEDs reserve the right to update specifications without notice. The information in the datasheet may only be relied on by customers of Ultra LEDs in accordance with applicable terms and conditions

Beam Angle	120 °
Bin Number	2
Colour Type	RGBW
CRI	80
Lumens Per Metre (White)	424 Lm/m
Lumens Per Watt (Blue)	12 Lm/W
Lumens Per Watt (Green)	62 Lm/W
Lumens Per Watt (Red)	21 Lm/W
Lumens Per Watt (White)	55 Lm/W
Peak Luminous Intensity	464 cd
SDCM	< 5
Lumen Total	5400 Lm
Lumens Per Metre	1081 Lm/m
Lumens Per Metre (Blue)	100 Lm/m
Lumens Per Metre (Red)	161 Lm/m
Lumens Per Watt	40 Lm/W
CCT	6000 K
Wavelength Blue	460 - 465 nm
Wavelength Green	520 - 525 nm
Wavelength Red	620 - 625 nm

**Environment**

Application Environment	Indoor
Ingress Protection (IP)	IP20
Interior or Exterior Use	Interior

**Efficiency**

L70B50	36000 Hours
L80B10	36000 Hours
L90B10	36000 Hours
LM80	36000Hours
Rated Life	50000 Hours