

PS24-RGB1865K1125M



Key Features

- Product Width: 12mm
- Lm/m (up to): 2190Lm/m
- Lm/W (up to): 73Lm/W
- CRI: 90+
- Lightsource SDCM: ≤5
- Run Length (Max): 5m
- Available Colours: 1800K - 6500K
- Warranty: 7 Years

24V

PWM

120°
BEAM

From
1 Bin

>90
CRI

HORIZ
BEND

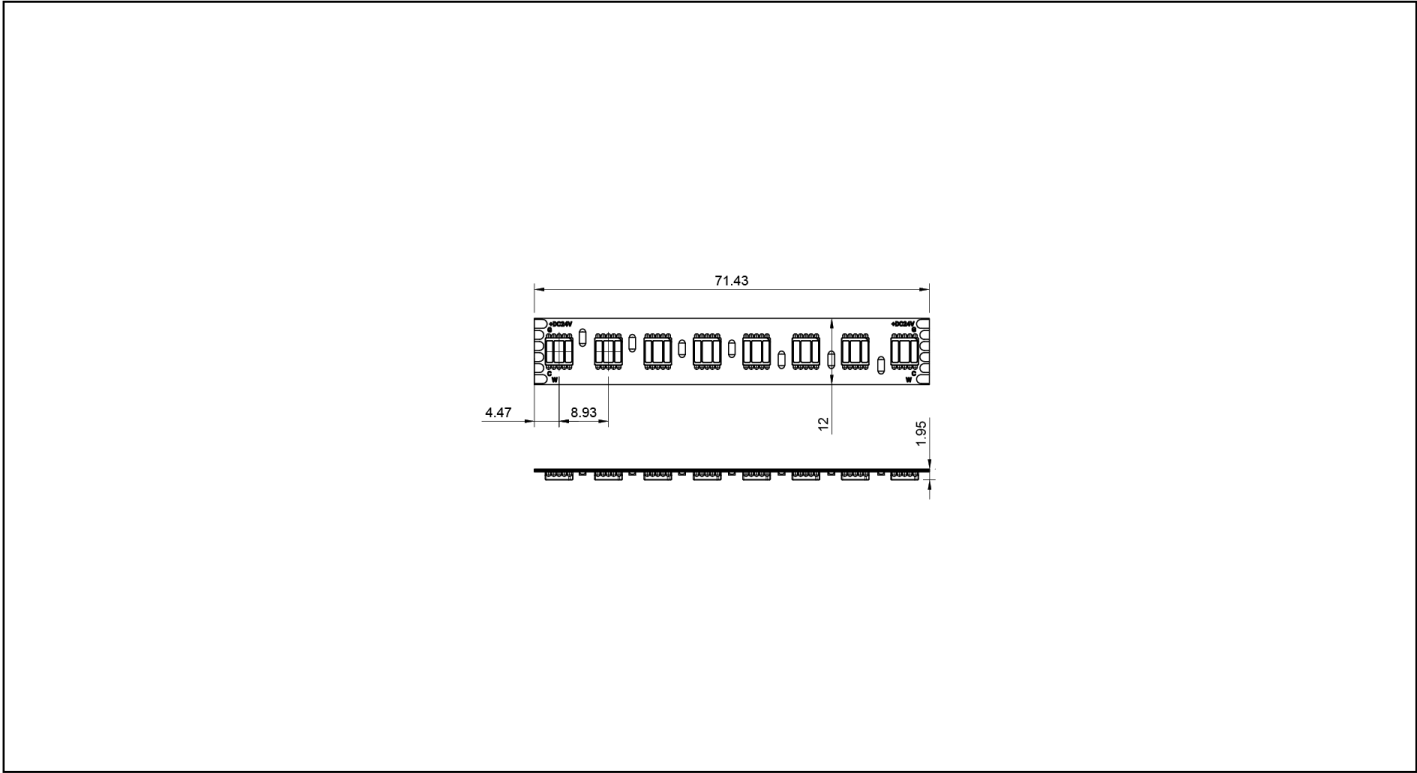
IP20

Mechanical Data

Bend Direction	Horizontal
Cable Both Ends	Yes
Cable Length	500 mm
Cable Sheath Material	PVC
Cable Weight	20 AWG
LED Chip Brand	JY
Copper Foil Weight	3 oz
Cut Points	71.43 mm
LED Module Replaceable	No

LED Pitch	8.929 mm
LEDs Per Unit	8
LEDs Per Metre	112
LEDs Total	560
PCB Type	Flexible
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

Dimmable	Yes
Dimming Type	PWM
Electrical Data	
Constant Voltage / Constant Current	CV
Current Max · @5 Metre	6.732A
Current Max · White @1 Metre	0.858 A
Current Max · Rated	1.346 A
Wattage Max · @1 Metre	34.1 W
Wattage Typ · @1 Metre	31 W
Wattage Typ · @5 Metre	149.25 W
Wattage Typ · @Max Run Length	149.25 W
Current Typ · @Max Run Length	6.732 A
Current Max · Blue @1 Metre	0.117 A
Current Max · Green @1 Metre	0.165 A
Current Max · Red @1 Metre	0.1669 A
Max · Run Length	5 m
Protection	
Electrical Safety Class	III
Photometric Data	
Beam Angle	120 °
Bin Number	1
Colour Type	RGB CCT
CRI	90
Lumen Total	10950 Lm

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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

Lumens Per Metre (White)	661 Lm/m
Lumens Per Watt (Blue)	20 Lm/W
Lumens Per Watt (Green)	98 Lm/W
Lumens Per Watt (Red)	45 Lm/W
Lumens Per Watt (White)	306 Lm/W
Lumens Per Watt (White 2)	661 Lm/W
SDCM	< 5
Lumens Per Metre	2190 Lm/m
Lumens Per Metre (Blue)	105 Lm/m
Lumens Per Metre (Green)	466 Lm/m
Lumens Per Metre (Red)	132 Lm/m
Lumens Per Watt	73 Lm/W
R9 Value	72
CCT	1800 - 6500 K

Environment

Anti-Yellowing	No
Ingress Protection (IP)	IP20
Interior or Exterior Use	Interior

Efficiency

Rated Life	50000 Hours
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