

PS24-RGB1865K1125M



Key Features

Product Width (mm): 12

Lm/m (up to): 2190.4

Lm/W (up to): 73.37

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

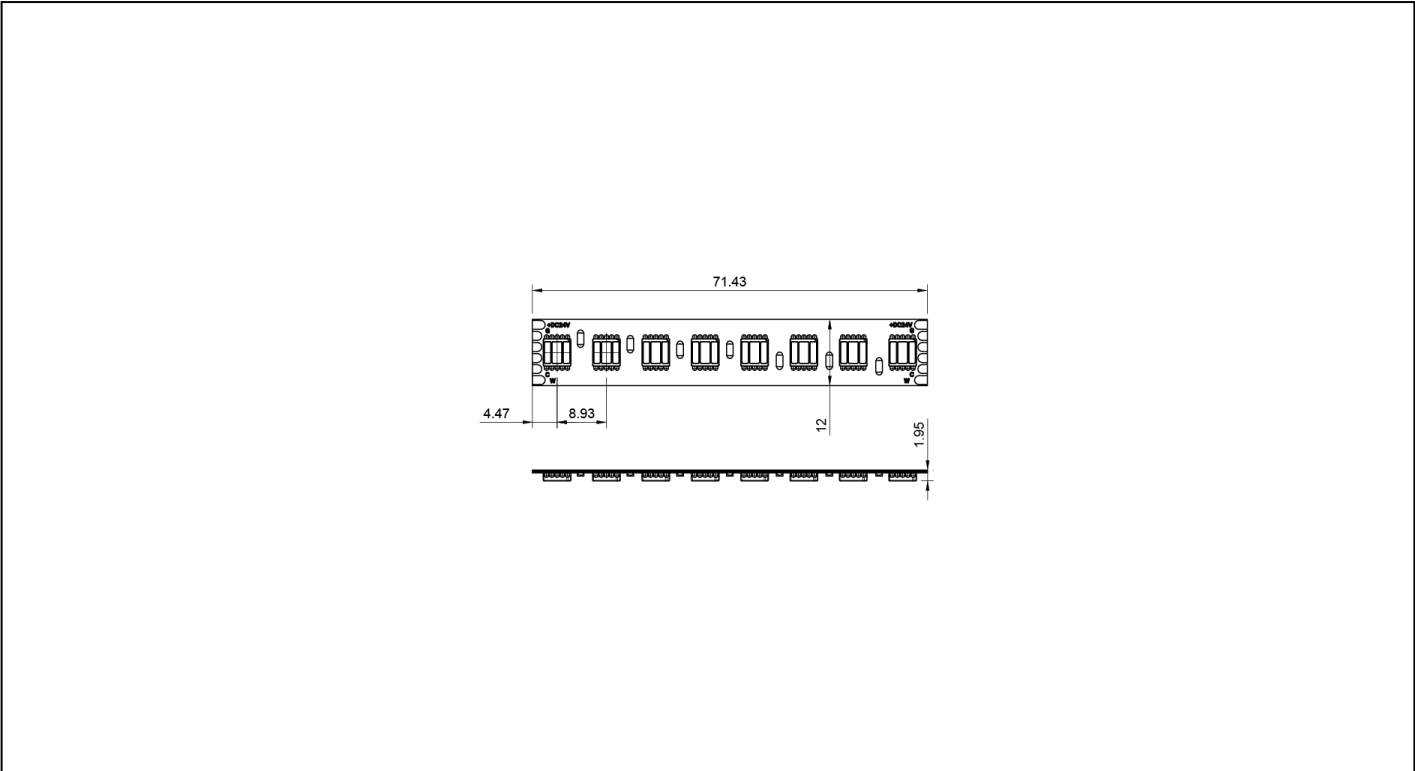
IP20

Mechanical Data

Bend Direction	Horizontal
Cable 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 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
---------------	------

**Control**

Dimming Type	PWM
--------------	-----

## Electrical Data

Constant Voltage / Constant Current	CV
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

## Photometric Data

Beam Angle	120 °
Bin Number	1
Colour Type	RGBCCT
CRI	90
Lumen Total	2190.4 Lm
Lumens Per Watt (Blue)	26.66 Lm/W
Lumens Per Watt (Green)	100.32 Lm/W
Lumens Per Watt (Red)	45 Lm/W
Lumens Per Watt (White)	54.76 Lm/W
Lumens Per Watt (White 2)	113.44 Lm/W
SDCM	< 5

0161 507 9249 | support@ultraleds.co.uk | www.ultraleds.co.uk | Manchester, M17 1SJ Date: 08/07/2025

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	2190.4 Lm/m
Lumens Per Metre (Blue)	68.082 Lm/m
Lumens Per Metre (Red)	180.24 Lm/m
Lumens Per Watt	73 Lm/W
CCT	1800 - 6500 K

**Environment**

Ingress Protection (IP)	IP20
Interior or Exterior Use	Interior

**Efficiency**

Rated Life	50000 Hours
------------	-------------