

PS24-RGB1865K11250M



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

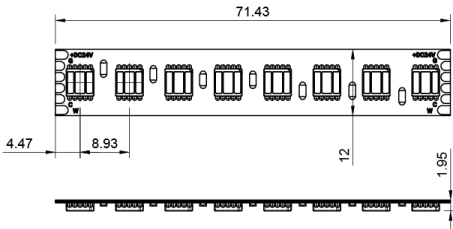
IP20

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	50000x12x2 mm

**Dimensions**



**Input**

Input Voltage	24 V
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**Control**

Dimming Type	PWM
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## 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

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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
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