

PS24-RGB27K6050M



Key Features

- Product Width: 12 mm
- Lm/m (up to): 1113 Lm/m
- Lm/W (up to): 58 Lm/W
- CRI: 90+
- Lightsource SDCM: ≤3
- Run Length (Max): 5 m
- Available Colours: 2700K, 3000K, 4000K, 6000K
- Warranty: 7 Years

24V

PWM

120°  
BEAM

From  
1 Bin

>90  
CRI

HORIZ  
BEND

2oz  
PCB

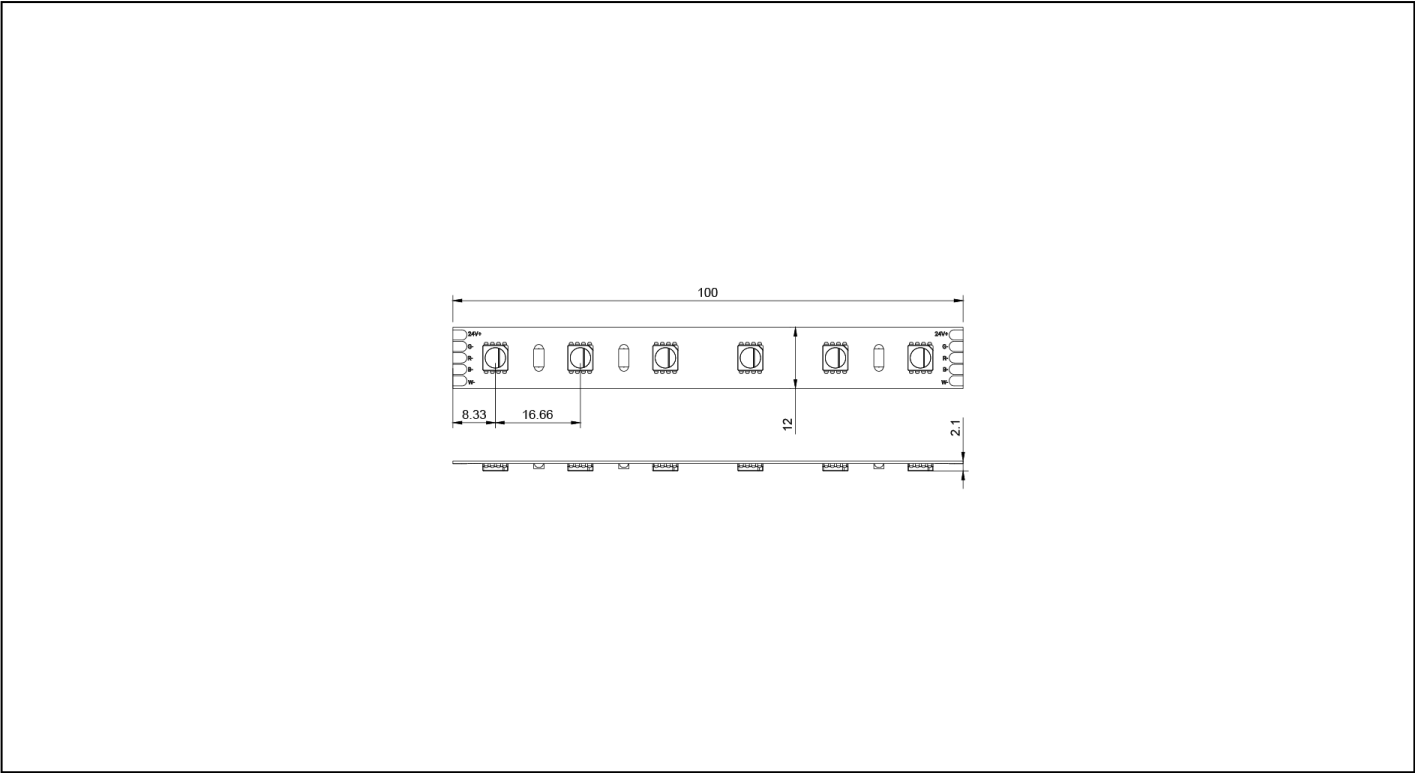
IP20

Mechanical Data

Bend Direction	Horizontal
Cable Length	500 mm
Cable Sheath Material	PVC
Cable Weight	20 AWG
LED Chip Brand	JY
Copper Foil Weight	2 oz
Cut Points	100 mm
LED Pitch	16.667 mm
LEDs Per Unit	6

LEDs Per Metre	60
LEDs Total	300
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 · @5 Metre	4.4A
Current Max · White @1 Metre	0.27 A
Current Max · Rated	0.88 A
Wattage Max · @1 Metre	21.12 W
Wattage Typ · @1 Metre	19.2 W
Wattage Typ · @5 Metre	96 W
Wattage Typ · @Max Run Length	96 W
Current Typ · @Max Run Length	4.4 A
Current Max · Blue @1 Metre	0.2 A
Current Max · Green @1 Metre	0.2 A
Current Max · Red @1 Metre	0.2 A
Max · Run Length	5 m

## Protection

Electrical Safety Class	III
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## Photometric Data

Beam Angle	120 °
Bin Number	1
Colour Type	RGBW
CRI	90
Lumen Total	53450 Lm
Lumens Per Metre (White)	382 Lm/m
Lumens Per Watt (Blue)	17.6 Lm/W

Lumens Per Watt (Green)	81 Lm/W
Lumens Per Watt (Red)	40 Lm/W
Lumens Per Watt (White)	80 Lm/W
SDCM	< 3
Lumens Per Metre	1069 Lm/m
Lumens Per Metre (Blue)	81 Lm/m
Lumens Per Metre (Green)	367 Lm/m
Lumens Per Metre (Red)	186 Lm/m
Lumens Per Watt	54 Lm/W
R9 Value	61
CCT	2700 K
<b>Environment</b>	
Ingress Protection (IP)	IP20
Interior or Exterior Use	Interior
<b>Efficiency</b>	
Rated Life	50000 Hours