

PC24-RGB3K50M



Key Features

- Product Width: 12mm
- Lm/m (up to): 1060Lm/m
- Lm/W (up to): 63Lm/W
- CRI: 90+
- Lightsource SDCM: ≤5
- Run Length (Max): 5m
- Available Colours: 2700K, 3000K, 4000K, 6500K
- Warranty: 7 Years

24V

140°
BEAM

From
1 Bin

>90
CRI

HORIZ
BEND

2oz
PCB

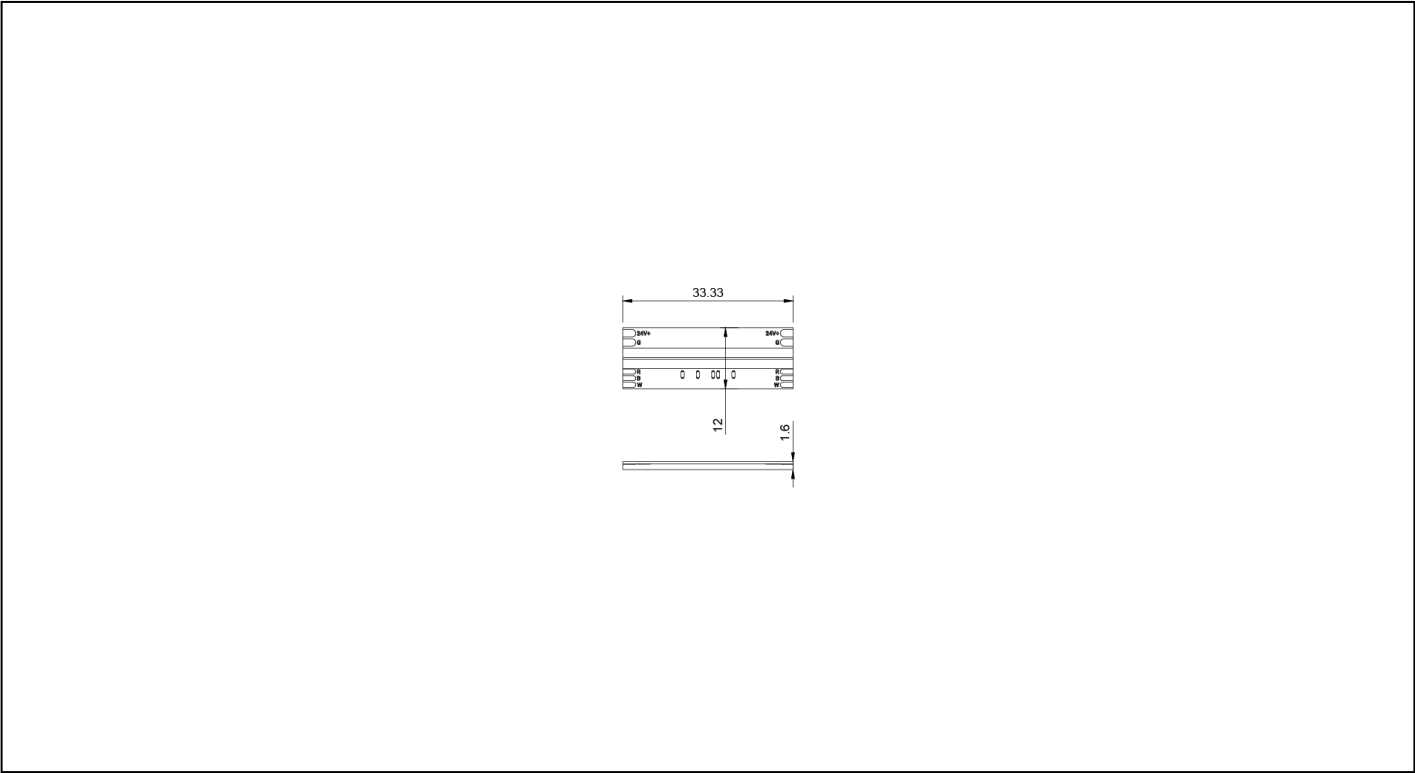
IP20

Mechanical Data

Bend Direction	Horizontal
Cable Length	500 mm
Cable Sheath Material	PVC
Cable Weight	24 AWG
LED Chip Brand	JC_CSP
LED Chip Type	CSP
Copper Foil Weight	2 oz
Cut Points	33.33 mm
LED Pitch	1.19 mm

LEDs Per Unit	28
LEDs Per Metre	840
LEDs Total	4200
Min · Bend Radius	30 mm
PCB Type	Flexible
Product Weight	150 g
Self Adhesive Brand	3M tape
Self Adhesive Model Number	55230H
Body Colour	White
Entry Cable Direction	End
Product Dimensions	50000x12x2 mm

Dimensions



Input

Input Voltage	24 V
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Control

Default PWM Frequency	50 Hz
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Electrical Data

Constant Voltage / Constant Current	CV
Current Max · @5 Metre	3.08A
Current Max · White @1 Metre	0.25 A
Current Max · Rated	0.77 A
Wattage Max · @1 Metre	18.5 W
Wattage Typ · @1 Metre	16.8 W
Wattage Typ · @5 Metre	73.5 W
Wattage Typ · @Max Run Length	73.5 W
Current Typ · @Max Run Length	2.8 A
Current Max · Blue @1 Metre	0.17 A
Current Max · Green @1 Metre	0.18 A
Current Max · Red @1 Metre	0.15 A
Max · Run Length	5 m

Protection

Electrical Safety Class	III
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Photometric Data

Beam Angle	140 °
Bin Number	1
Colour Type	RGBW
CRI	90
Luminous Intensity	275 cd

Lumen Total	4950 Lm
Lumens Per Metre (White)	475 Lm/m
Lumens Per Watt (Blue)	19 Lm/W
Lumens Per Watt (Green)	87 Lm/W
Lumens Per Watt (Red)	29 Lm/W
Lumens Per Watt (White)	77 Lm/W
Peak Luminous Intensity	275 cd
SDCM	< 5
Lumens Per Metre	990 Lm/m
Lumens Per Metre (Blue)	85 Lm/m
Lumens Per Metre (Red)	110 Lm/m
Lumens Per Watt	59 Lm/W
Wavelength	473.7 nm
CCT	3000 K
Wavelength Blue	452 - 460 nm
Wavelength Green	515 - 517.5 nm
Wavelength Red	620 - 630 nm
Environment	
Ingress Protection (IP)	IP20
Interior or Exterior Use	Interior
Efficiency	
Energy Efficiency Class	G
Rated Life	60000 Hours
Switch Cycles	10000

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