

PP24-RGB2765K28850M



Key Features

- Product Width: 12mm
- Lm/m (up to): 1386Lm/m
- Lm/W (up to): 91Lm/W
- CRI: 95+
- Lightsource SDCM: ≤3
- Run Length (Max): 5m
- Available Colours: 2700K–6500K
- Warranty: 7 Years

24V

PWM

120°
BEAM

From
1 Bin

>95
CRI

HORIZ
BEND

2oz
PCB

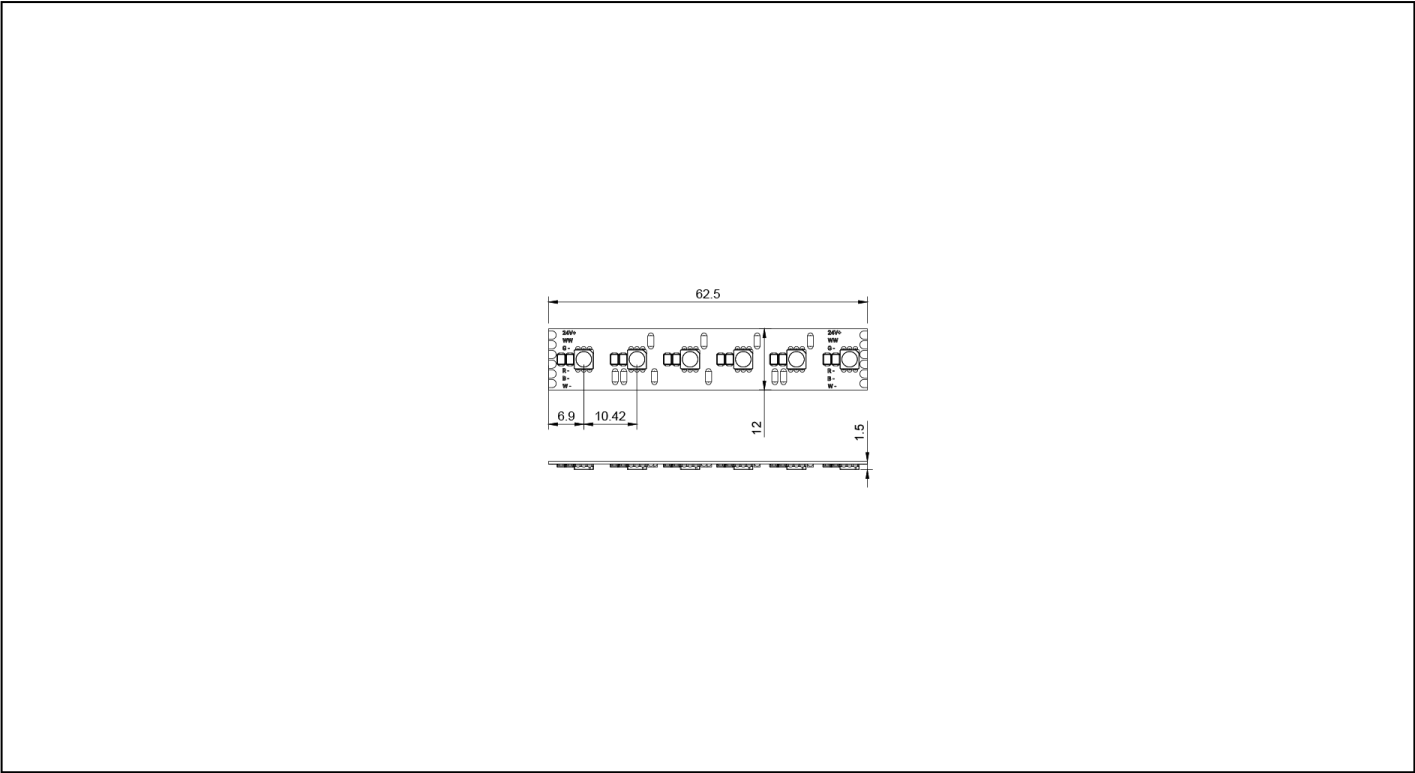
IP20

Mechanical Data

Bend Direction	Horizontal
Cable Length	500 mm
Cable Sheath Material	PVC
Cable Weight	20 AWG
LED Chip Brand	SA
Copper Foil Weight	2 oz
Cut Points	62.5 mm
LED Pitch	10.16 mm
LEDs Per Unit	18

LEDs Per Metre	288
LEDs Total	14400
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	4.125A
Current Max · White @1 Metre	0.34 A
Current Max · Rated	0.825 A
Wattage Max · @1 Metre	19.8 W
Wattage Typ · @1 Metre	18 W
Wattage Typ · @5 Metre	90 W
Wattage Typ · @Max Run Length	90 W
Current Typ · @Max Run Length	3.75 A
Current Max · Blue @1 Metre	0.12 A
Current Max · Green @1 Metre	0.126 A
Current Max · Red @1 Metre	0.17 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	RGBCCT
CRI	95
Lumen Total	74200 Lm
Lumens Per Metre (White)	925 Lm/m
Lumens Per Watt (Blue)	20.6 Lm/W

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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 Watt (Green)	92 Lm/W
Lumens Per Watt (Red)	33.3 Lm/W
Lumens Per Watt (White)	117 Lm/W
Lumens Per Watt (White 2)	118 Lm/W
SDCM	< 3
Lumens Per Metre	1386 Lm/m
Lumens Per Metre (Blue)	60 Lm/m
Lumens Per Metre (Green)	292 Lm/m
Lumens Per Metre (Red)	130 Lm/m
Lumens Per Watt	77 Lm/W
Wavelength	628 nm
R9 Value	81
CCT	2700 - 6500 K
Wavelength Blue	465 - 470 nm
Wavelength Green	520 - 525 nm
Wavelength Red	620 - 625 nm

Environment

Ingress Protection (IP)	IP20
Interior or Exterior Use	Interior

Efficiency

Rated Life	50000 Hours
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