

PP24-RGB2405M

Key Features

- Product width (mm): 12
- Lm/m (up to): 720Lm/m
- Lm/W (up to): 48Lm/W
- Run length (max): 5m
- Warranty: 7 Years



24V

PWM

120°
BEAM

From
1 Bin

HORIZ
BEND

2oz
PCB

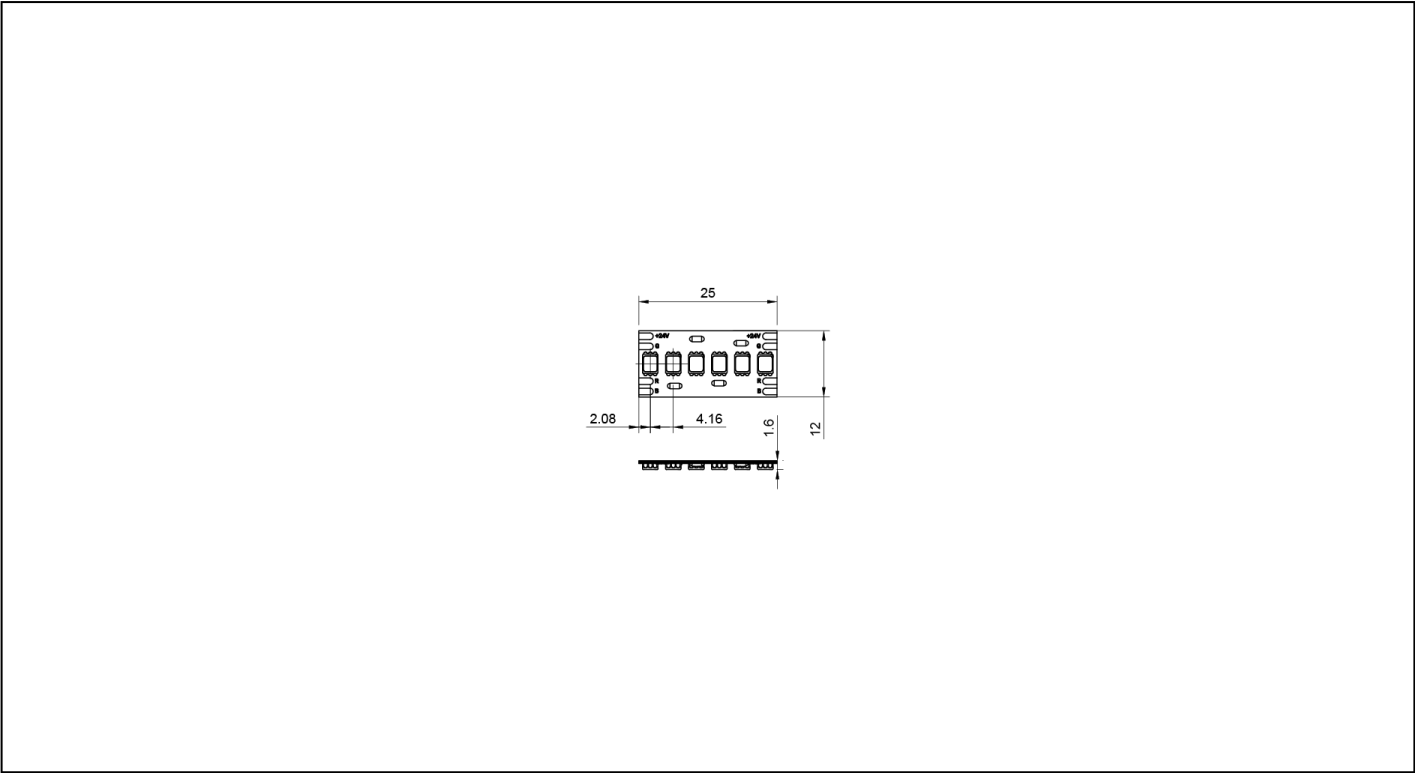
IP20

Mechanical Data

Body Colour	White
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	25 mm
Entry Cable Direction	End

LED Pitch	4.167 mm
LEDs Per Unit	6
LEDs Per Metre	240
LEDs Total	1200
PCB Type	Flexible
Self Adhesive Brand	3M
Self Adhesive Model Number	300LSE
Product Dimensions	5000x12x2 mm

Dimensions



Input

Input Voltage	24 V
---------------	------

Control

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

Electrical Data

Constant Voltage / Constant Current	CV
Current Typ · @Max Run Length	3 A
Current Max · Blue @1 Metre	0.22 A
Current Max · Green @1 Metre	0.22 A
Current Max · Red @1 Metre	0.22 A
Current Max · White @1 Metre	0.22 A
Current Max · Rated	0.6 A
Max · Run Length	5 m
Wattage Max · @1 Metre	15.8 W
Wattage Typ · @1 Metre	14.4 W
Wattage Typ · @5 Metre	72 W
Wattage Typ · @Max Run Length	72 W

Photometric Data

Beam Angle	120 °
Bin Number	1
Colour Type	RGB
Lumen Total	3780 Lm
Lumens Per Metre	756 Lm/m
Lumens Per Metre (Blue)	100 Lm/m
Lumens Per Metre (Red)	210 Lm/m
Lumens Per Watt	50 Lm/W
Lumens Per Watt (Blue)	6.94 Lm/W
Lumens Per Watt (Green)	28.47 Lm/W
Lumens Per Watt (Red)	14.58 Lm/W

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

Wavelength Blue	460 - 470 nm
Wavelength Green	510 - 525 nm
Wavelength Red	625 nm
Environment	
Ingress Protection (IP)	IP20
Interior or Exterior Use	Interior
Efficiency	
Rated Life	50000 Hours