

PP24-RGB27K24050M



Key Features

- Product Width: 12mm
- Lm/m (up to): 1391Lm/m
- Lm/W (up to): 64Lm/W
- CRI: 95+
- Lightsource SDCM: ≤3
- Run Length (Max): 5m
- Available Colours: 2700K, 3000K, 4000K, 6500K
- Warranty: 7 Years

24V

PWM

120°
BEAM

From
1 Bin

>95
CRI

HORIZ
BEND

2oz
PCB

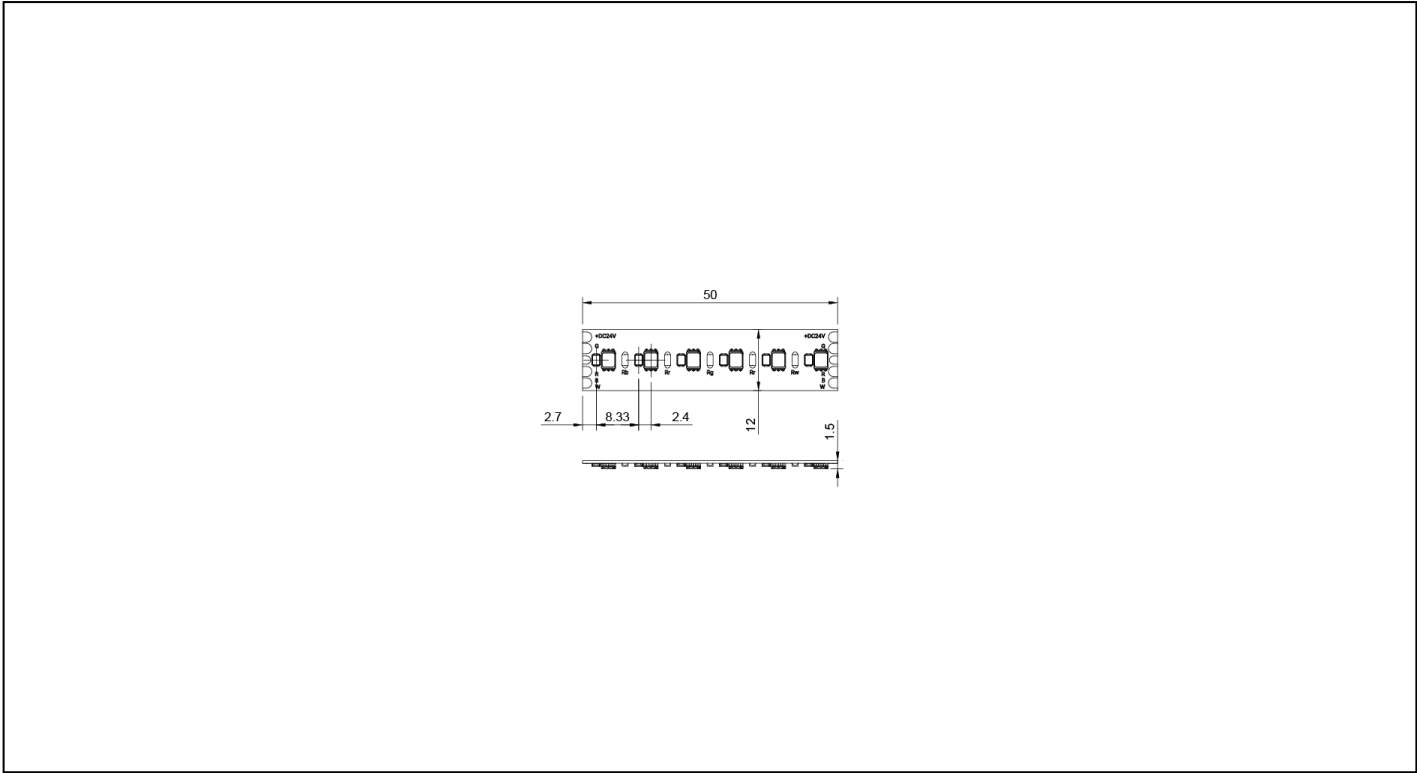
IP20

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	50 mm
LED Pitch	8.33 mm
LEDs Per Unit	12

LEDs Per Metre	240
LEDs Total	1200
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
---------------	------

Control

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

Electrical Data

Constant Voltage / Constant Current	CV
Current Max · @5 Metre	4.58A
Current Max · White @1 Metre	0.228 A
Current Max · Rated	0.916 A
Wattage Max · @1 Metre	22 W
Wattage Typ · @1 Metre	20 W
Wattage Typ · @5 Metre	100 W
Wattage Typ · @Max Run Length	100 W
Current Typ · @Max Run Length	4.165 A
Current Max · Blue @1 Metre	0.228 A
Current Max · Green @1 Metre	0.228 A
Current Max · Red @1 Metre	0.228 A
Max · Run Length	5 m

Protection

Electrical Safety Class	III
-------------------------	-----

Photometric Data

Beam Angle	120 °
Bin Number	1
Colour Type	RGBW
CRI	95
Lumen Total	66350 Lm
Lumens Per Metre (White)	578 Lm/m
Lumens Per Watt (Blue)	20 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

Lumens Per Watt (Green)	96 Lm/W
Lumens Per Watt (Red)	23 Lm/W
Lumens Per Watt (White)	117 Lm/W
SDCM	< 3
Lumens Per Metre	1327 Lm/m
Lumens Per Metre (Blue)	102 Lm/m
Lumens Per Metre (Green)	462 Lm/m
Lumens Per Metre (Red)	120 Lm/m
Lumens Per Watt	62 Lm/W
R9 Value	76
CCT	2700 K
Environment	
Ingress Protection (IP)	IP20
Interior or Exterior Use	Interior
Efficiency	
Rated Life	50000 Hours