

PP24-RGB27K24050M



24V

>95
CRI

IP20

7
YEAR

Key Features

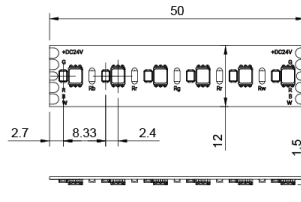
- **Product Width:** 12 mm
- **Lm/m (up to):** 1300 Lm/m
- **Lm/W (up to):** 64 Lm/W
- **CRI:** 95+
- **Lightsource SDCM:** ≤3
- **Run Length (Max):** 5m
- **Available Colours:** 2700K, 3000K, 4000K, 6500K
- **Warranty:** 7 Years

Mechanical Data			
Body Colour	White	Bend Direction	Horizontal
Cable Both Ends	Yes	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
Entry Cable Direction	End	Product Dimensions	50000x12x2 mm

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		

Input Data			
Input Voltage	24 V		
Control Data			
Dimming Type	PWM	Dimmable	Yes
Photometric Data			
Beam Angle	120 °	Bin Number	1
Colour Type	RGBW	CRI	95
Lumen Total	62000 Lm	Lumens Per Metre (White)	578 Lm/m
Lumens Per Watt (Blue)	20 Lm/W	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	1240 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	77	CCT	2700 K
Environment Data			
Case Temperature Max · (tc)	65 °C	Ingress Protection (IP)	IP20
Interior or Exterior Use	Interior		
Protection Data			
Electrical Safety Class	III		
Efficiency Data			
Rated Life	50000 Hours		

Dimensions



Disclaimer

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.