

PP24-RGB27K2405M



24V

>95
CRI

IP20

7
YEAR

Key Features

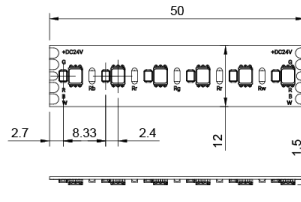
- **Product Width:** 12 mm
- **Lm/m (up to):** 1300 Lm/m
- **Lm/W (up to):** 64 Lm/W
- **CRI:** 95+
- **Lightsource SDCM:** ≤3
- **Run Length (Max):** 5m
- **Available Colours:** 2700K, 3000K, 4000K, 6500K
- **Warranty:** 7 Years

| 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 | 5000x12x2 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 | 6200 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.