

PP24-RGB27K24050M



Key Features

- Product Width: 12 mm
- Lm/m (up to): 1102 Lm/m
- Lm/W (up to): 290 Lm/W
- CRI: 95+
- Lightsource SDCM: ≤3
- Run Length (Max): 5 m
- Available Colours: 2700K–6500K
- Warranty: 7 Years

24V

PWM

120°  
BEAM

From  
1 Bin

>95  
CRI

HORIZ  
BEND

2oz  
PCB

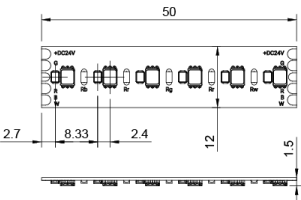
IP20

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            | 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 · 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     |

## Photometric Data

|                          |            |
|--------------------------|------------|
| Beam Angle               | 120 °      |
| Bin Number               | 1          |
| Colour Type              | RGBW       |
| CRI                      | 95         |
| Lumen Total              | 1192 Lm    |
| Lumens Per Metre (White) | 1192 Lm/m  |
| Lumens Per Watt (Blue)   | 4.5 Lm/W   |
| Lumens Per Watt (Green)  | 22.55 Lm/W |
| Lumens Per Watt (Red)    | 5.9 Lm/W   |
| Lumens Per Watt (White)  | 23.35 Lm/W |
| SDCM                     | < 3        |

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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 | 290 Lm/W |
|-----------------|----------|

|     |        |
|-----|--------|
| CCT | 2700 K |
|-----|--------|

#### Environment

|                         |      |
|-------------------------|------|
| Ingress Protection (IP) | IP20 |
|-------------------------|------|

|                          |          |
|--------------------------|----------|
| Interior or Exterior Use | Interior |
|--------------------------|----------|

#### Efficiency

|            |             |
|------------|-------------|
| Rated Life | 50000 Hours |
|------------|-------------|