# Tagra | Pro SMD LED Strip Light | 60 LEDs/m | 24V | IP67 | 18W/m | RGB+3000K | 5M

**PS24-RGB3K605M67 / ITM002959**



Datasheet

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# Tagra | Pro SMD LED Strip Light | 60 LEDs/m | 24V | IP67 | 18W/m | RGB+3000K | 5M



| Cut Points | IP Rating | LEDs | Voltage In | Warranty |
|---|---|---|---|---|
| 100mm | IP67 | 60/m | 24V | 7 Years |

**SKU:** PS24-RGB3K605M67
**ITM:** ITM002959

**Key Features:**

- **Light Colour:** 3000K
- **Product Length:** 5m
- **Lm/W (Up To):** 51Lm/W
- **Lm/m (Up To):** 918Lm/m
- **Dimensions (W x H):** 14 x 5mm

| Mechanical Data | | | |
|---|---|---|---|
| **Bend Direction:** | Vertical | **Body Colour:** | White |
| **Cable Both Ends:** | Yes | **Cable Length:** | 500mm |
| **Cable Sheath Material:** | Silicone | **Cable Gauge:** | 22AWG |
| **LED Chip Brand:** | Epistar | **LED Chip Type:** | 5050 |
| **Copper Foil Weight:** | 2oz | **Cut Points:** | 100mm |
| **Entry Cable Direction:** | Top | **LED Pitch:** | 16.67mm |
| **LEDs Per Unit:** | 6 | **LEDs Per Metre:** | 60 |
| **LEDs Total:** | 300 | **Min. Bend Radius:** | 40mm |
| **PCB Type:** | Flexible | **Product Weight:** | 420g |
| **Self Adhesive Brand:** | 3M | **Self Adhesive Model Number:** | 5604VHB |
| **Dimensions (LxWxH):** | 5000 x 14 x 5mm | | |

| Electrical Data | | | |
|---|---|---|---|
| **Constant Voltage / Constant Current:** | CV | **Current Max. Blue @1 Metre:** | 0.18A |
| **Current Max. Green @1 Metre:** | 0.18A | **Current Max. Red @1 Metre:** | 0.18A |
| **Current Max. White @1 Metre:** | 0.18A | **Current Max. Rated:** | 0.825A |
| **Current Max. @5 Metre:** | 4.13A | **Current Typ. @Max Run Length:** | 3.75A |
| **Max. Run Length:** | 5m | **Wattage Max. @1 Metre:** | 18W |
| **Wattage Typ. @1 Metre:** | 18W | **Wattage Typ. @5 Metre:** | 90W |
| **Wattage Typ. @Max Run Length:** | 90W | **Current Max. @1 Metre:** | 0.825A |
| **Current Typ. @1 Metre:** | 0.75A | | |

| Input Data | |
|---|---|
| **Input Voltage:** | 24V |

| Control Data | | | |
|---|---|---|---|
| **Dimmable:** | Yes | **Dimming Type:** | PWM |

| Photometric Data | | | |
|---|---|---|---|
| **Wavelength Blue:** | 465 - 470 | **Wavelength Green:** | 520 - 525 |
| **Wavelength Red:** | 625 - 620 | **Lumens Per Metre:** | 918Lm/m |
| **CCT:** | 3000K | **Bin Number:** | 1 |
| **Colour Type:** | RGBW | **CRI:** | 90 |
| **SDCM:** | <3 | **Lumen Total:** | 4590Lm |
| **Lumens Per Metre (Blue):** | 74.7Lm/m | **Lumens Per Metre (Red):** | 171Lm/m |
| **Lumens Per Metre (White):** | 355Lm/m | **Lumens Per Watt (Blue):** | 16Lm/W |
| **Lumens Per Watt (Green):** | 77Lm/W | **Lumens Per Watt:** | 51Lm/W |
| **Lumens Per Watt (Red):** | 38Lm/W | **Lumens Per Watt (White):** | 79Lm/W |
| **R9 Value:** | 63 | | |

## Environmental Data

| | | | |
|---|---|---|---|
| **Application Environment:** | Indoor, Outdoor | **Body Material:** | Silicone |
| **Ingress Protection (IP):** | IP67 | **Interior or Exterior Use:** | Exterior |
| **Saltwater Resistant:** | Yes | **UV Resistant:** | Yes |
| **Operating Temperature:** | -20°C - 45°C | **Working Humidity:** | 90% |

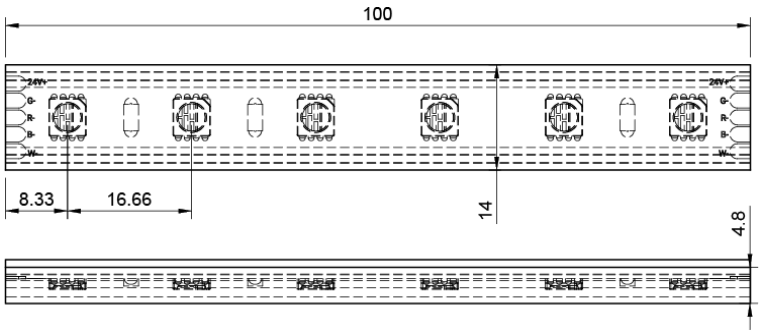
## Protection Data

| | |
|---|---|
| **Electrical Safety Class:** | III |

## Efficiency Data

| | | | |
|---|---|---|---|
| **Lumen Maintenance Factor:** | 0.96 | **Rated Life:** | 50000 Hours |
| **Survival Factor:** | 0.9 | | |

## Dimension Drawing




## Packaging Data

| | | | |
|---|---|---|---|
| **End Caps Included:** | Yes | **Kit:** | Yes |
| **Packaging Height:** | 1mm | **Packaging Length:** | 410mm |
| **Packaging Width:** | 390mm | | |

**Disclaimer**

Tagra Lighting 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. Tagra Lighting reserve the right to update specifications without notice. The information in the datasheet may only be relied on by customers of Tagra Lighting in accordance with applicable terms and conditions.

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