# Tagra | E-60 | Economy LED Strip Light | 60 LEDs/m | 12V | IP65 | 14.4W/m | RGB | 5M

**TE12-RGB605M65 / ITM001013**



Datasheet

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# Tagra | E-60 | Economy LED Strip Light | 60 LEDs/m | 12V | IP65 | 14.4W/m | RGB | 5M



| Cut Points | IP Rating | LEDs | Voltage In | Warranty |
|---|---|---|---|---|
| 50mm | IP65 | 60/m | 24V | 2 Years |

**SKU:** TE12-RGB605M65
**ITM:** ITM001013

**Key Features:**

- **Product Length:** 5m
- **Lm/W (Up To):** 40Lm/W
- **Lm/m (Up To):** 543.9Lm/m
- **Dimensions (W x H):** 12 x 5mm

| Mechanical Data | | | |
|---|---|---|---|
| **Bend Direction:** | Vertical | **Body Colour:** | White |
| **Cable Both Ends:** | Yes | **Cable Length:** | 500mm |
| **Cable Sheath Material:** | PVC | **Cable Gauge:** | 20AWG |
| **LED Chip Brand:** | QIZHI | **LED Chip Type:** | 5050 |
| **Copper Foil Weight:** | 2oz | **Cut Points:** | 50mm |
| **LED Pitch:** | 100mm | **LEDs Per Unit:** | 6 |
| **LEDs Per Metre:** | 60 | **LEDs Total:** | 300 |
| **PCB Type:** | Flexible | **Product Weight:** | 390g |
| **Self Adhesive Brand:** | 3M | **Dimensions (LxWxH):** | 5000 x 12 x 5mm |

| Electrical Data | | | |
|---|---|---|---|
| **Constant Voltage / Constant Current:** | CV | **Current Max. @5 Metre:** | 6A |
| **Current Typ. @Max Run Length:** | 6A | **Max. Run Length:** | 5m |

| Electrical Data | | | |
|---|---|---|---|
| **Wattage Max. @1 Metre:** | 14.4W | **Wattage Typ. @1 Metre:** | 14.4W |
| **Wattage Typ. @5 Metre:** | 72W | **Wattage Typ. @Max Run Length:** | 72W |
| **Current Max. @1 Metre:** | 1.2A | **Current Typ. @1 Metre:** | 1.2A |

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

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

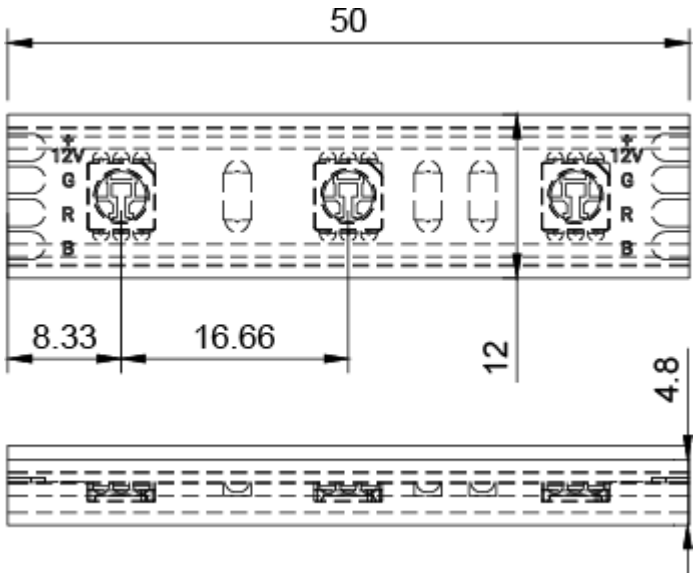
| Photometric Data | | | |
|---|---|---|---|
| **Wavelength Blue:** | 465 - 467.5 | **Wavelength Green:** | 520 - 523 |
| **Wavelength Red:** | 623 - 620 | **Lumens Per Metre:** | 543.9Lm/m |
| **Bin Number:** | 1 | **Colour Type:** | RGB |
| **SDCM:** | <5 | **Lumen Total:** | 2447.33Lm |
| **Lumens Per Metre (Blue):** | 85Lm/m | **Lumens Per Metre (Red):** | 175Lm/m |
| **Lumens Per Watt:** | 40Lm/W | | |

| Environmental Data | | | |
|---|---|---|---|
| **Anti-Yellowing:** | Yes | **Application Environment:** | Domestic, Commercial, Hospitality, Retail |
| **Body Material:** | Copper | **Ingress Protection (IP):** | IP65 |
| **Interior or Exterior Use:** | Exterior | **Saltwater Resistant:** | Yes |
| **UV Resistant:** | Yes | **Operating Temperature:** | -20°C - 50°C |
| **Storage Humidity:** | 80% | **Storage Temperature:** | -30°C - 80°C |

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

| Efficiency Data | | | |
|---|---|---|---|
| **L70B50:** | 150000 Hours | **L80B10:** | 78000 Hours |
| **L90B10:** | 37000 Hours | **Lumen Maintenance Factor:** | 99.26 |
| **Rated Life:** | 50000 Hours | **Survival Factor:** | 1 |
| **Switch Cycles:** | 25000 | | |

## Dimension Drawing




| Packaging Data | | | |
|---|---|---|---|
| **Packaging Height:** | 224mm | **Packaging Length:** | 320mm |
| **Packaging Width:** | 223mm | **Packaging Weight:** | 390g |

**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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