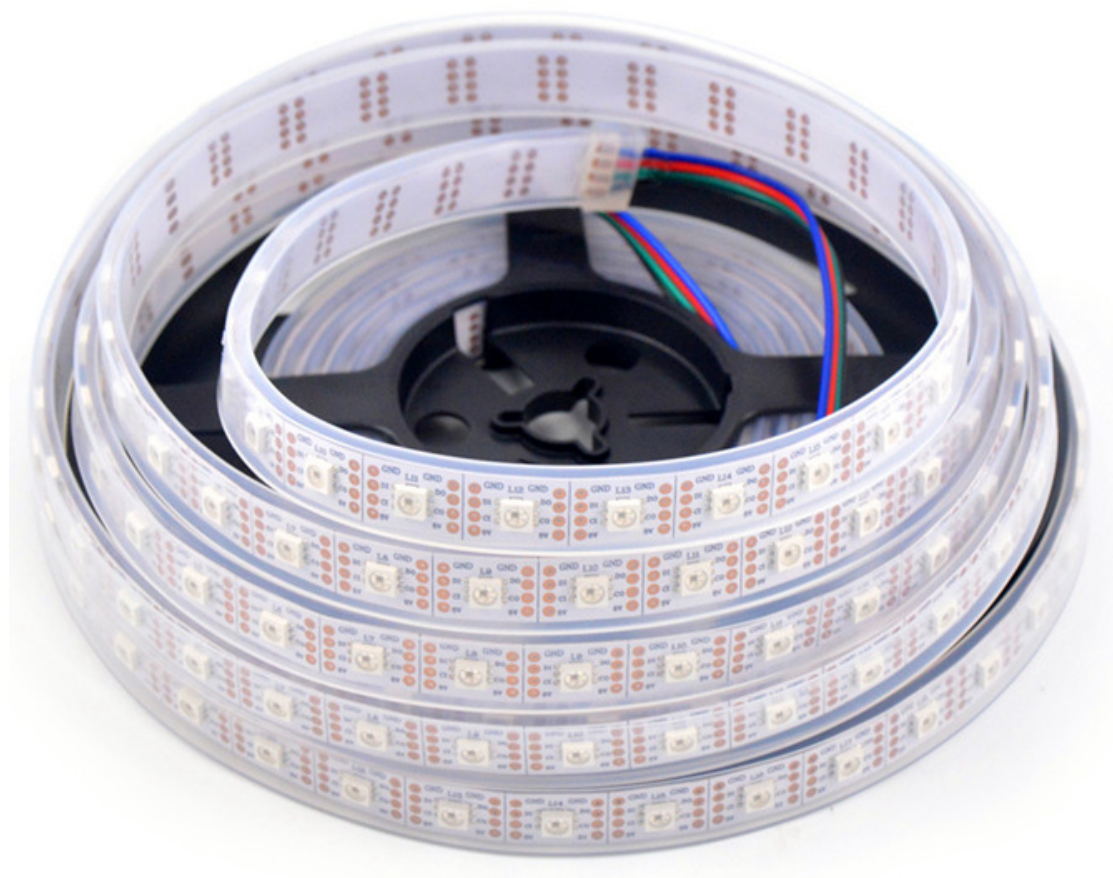


## APA102C Pixel Individually Addressable RGB Magic Color LED Strip

**Item No.: APA102RGB-5V-IP67**



### Main Data

| Number | Item                  | Description     |
|--------|-----------------------|-----------------|
| 1      | LED CHIP BRAND        | EPISTAR         |
| 2      | SMD Type              | SMD 5050        |
| 3      | Lumen                 | 22-24 Lm        |
| 4      | DIMENSIONS            | 5mm*5mm*1.6mm   |
| 5      | Color Rendering Index | ≥80Ra           |
| 6      | COLOR TEMP.           | RGB Magic Color |
| 7      | Operating Temperature | -30°C — +85°C   |
| 8      | Storage Temperature   | -40°C — +90°C   |
| 9      | Operating Humidity    | <95%            |
| 10     | Storage Humidity      | <95%            |

## Electrical Data

| Number | Item              | Description       |
|--------|-------------------|-------------------|
| 1      | Input Voltage     | 5V                |
| 2      | Power Consumption | 18w/m, 90w/reel   |
| 3      | LED/IC Quantity   | 60pcs/m           |
| 4      | IC Type           | APA102C           |
| 5      | Grey scale        | 256               |
| 6      | Transmission rate | 800K/s            |
| 7      | Packing           | 5m/reel           |
| 8      | PCB color         | White             |
| 9      | PCB width         | 12mm              |
| 10     | IP Level          | IP67 Silicon Tube |
| 11     | Beam Angle        | 120degrees        |
| 12     | Controller        | SP101E            |
| 13     | Lifespan          | ≥80,000 hours     |
| 14     | Certificate       | UL                |
| 15     | Warranty          | 5 years           |

### Notes:

1. Power consumption of the testing error:  $\pm 0.1W$
2. Luminous flux error:  $\pm 0.2\%$
3. Beam angle measurement error:  $\pm 4$  degrees