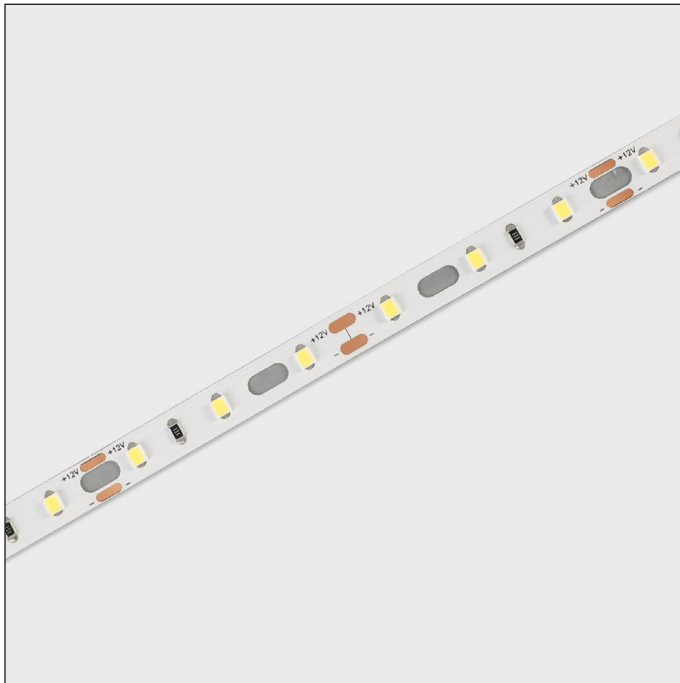


## Professional Signage Module Bend Series LED Strip Light

12V - 60 LEDs per metre - IP20

tagra®

SKU: SG12-MB5M



12V

60

LEDs/m

7.2

Watts/m

50

(mm)  
Cut Point

7YR

Warranty

### Key Features

- Available in 6500K
- Module Bend Strip Light
- 50mm Cut Points
- 60 LEDs per metre
- Up to 838 Lumens per metre
- Available in 5M reels
- 7 Year Warranty

### Electrical Data

| Voltage | Max. Current | Typ. Current | Current 5M | Max. Power | Typ. Wattage | Power 5M |
|---------|--------------|--------------|------------|------------|--------------|----------|
| 12V     | 0.65A/m      | 0.6A/m       | 3.0A       | 7.9W/m     | 7.2W/m       | 36.0W    |

### Photometric Data

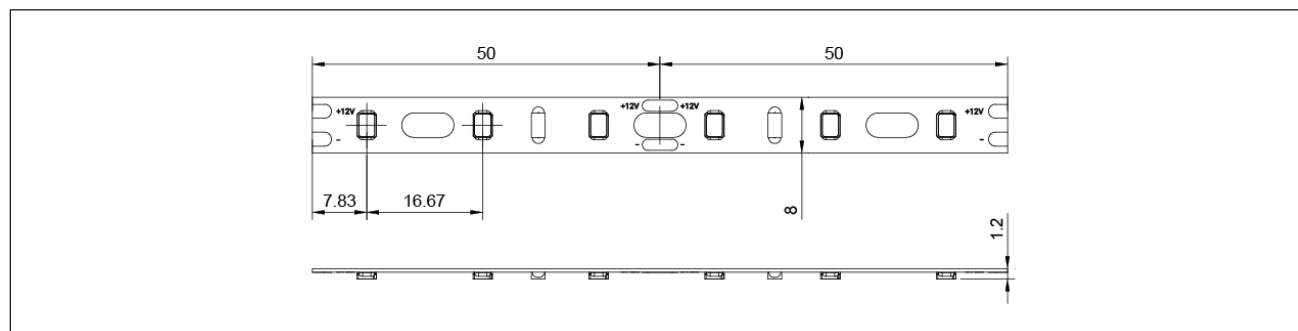
| Colour Temperature | CCT/Wavelength | Lumens/m | LED Chip   | LEDs/m      | LEDs/unit  |
|--------------------|----------------|----------|------------|-------------|------------|
| Cool White         | 6500K          | 838lm    | 2835       | 60 LEDs     | 3 LEDs     |
|                    |                |          | Cut Points | CRI         | Beam Angle |
|                    |                |          | 50mm       | >80         | 120°       |
|                    |                |          | SDCM       | Dimmable    | IC Type    |
|                    |                |          | <3         | Yes         |            |
|                    |                |          | Pixels/m   | Pixels/unit | PWM Rate   |
|                    |                |          |            |             |            |

### Mechanical Data

|                    |  |               |              |                       |            |              |       |
|--------------------|--|---------------|--------------|-----------------------|------------|--------------|-------|
| Min. Bend Diameter |  | Mounting      | Cable Length | Cable End             | Cable Type | Wire Colours |       |
| Ø 60mm             |  | 3M Adhesive   | 500mm        | Tinned Ends           | 20AWG      | RED          | V+ DC |
| IP Rating          |  | PCB Weight    | PCB Colour   | Operating Temperature |            |              |       |
| IP20               |  | 2oz           | White        | -5°C ~ +40°C          |            |              |       |
| Lifespan           |  | Energy Rating | Warranty     | Dimensions            |            |              |       |
| 50,000 hrs         |  | D             | 7 Years      | (IP20) W8 x H1.2mm    |            |              |       |

|       |  |            |
|-------|--|------------|
| BLACK |  | Ground GND |
|       |  |            |
|       |  |            |
|       |  |            |
|       |  |            |

## Dimensions



## Available SKUs

| SKU          | CCT   | IP Rating | Length |
|--------------|-------|-----------|--------|
| SG12-MB65K5M | 6500K | IP20      | 5M     |
|              |       |           |        |

## Recommended Profiles Non-Spotting

| SKU         | Lengths | Install Type           | Colours              | Diffusers          |
|-------------|---------|------------------------|----------------------|--------------------|
| CHAN-3030   | 2M, 3M  | Surface Mount, Corner  | Silver               | Opal               |
| CHAN-23145  | 2M, 3M  | Recessed               | Silver               | Opal               |
| CHAN-171145 | 2M, 3M  | Surface Mount          | Silver, Black, White | Opal               |
| 3030CIRC    | 2M, 3M  | Suspend                | Silver               | Opal               |
| 3535R3      | 2M, 3M  | Surface Mount, Suspend | Silver, Black        | Semi-Clear, Opal   |
| CHAN-2320   | 2M, 3M  | Recessed               | Silver, Black, White | Opal, Smoked Black |
| CHAN-2321   | 2M, 3M  | Plaster-In             | Silver               | Opal, Smoked Black |
| CHAN-2325   | 2M, 3M  | Surface Mount, Suspend | Silver, Black, White | Opal, Smoked Black |
| 2030SCD     | 2M, 3M  | Surface Mount          | Silver               | Semi-Clear         |
| 2621SC      | 2M, 3M  | Walkover               | Silver               | Semi-Clear         |

## Recommended Accessories/Products

| Type       | IP Rating | SKU                 | Colour/Material | Note         |
|------------|-----------|---------------------|-----------------|--------------|
| Cable      | IP20      | TC2C.5              | Black, White    | 2 Core Cable |
| Controller | IP20      | USCZONESP-V2        | White           | RF Receiver  |
| Controller | IP20      | PSCONN-5IN1WIFIRCVR | White           | App Control  |

## Recommended Drivers

| Type       | IP Rating | SKU            | Dimmable | Brand     |
|------------|-----------|----------------|----------|-----------|
| LED Driver | IP20      | TAGTHIN12V45W  | No       | Tagra     |
| LED Driver | IP20      | TAGTRIAC12V50W | Yes      | Tagra     |
| LED Driver | IP67      | NPF-40-12      | No       | Mean Well |