



## IP Grade Available



## Features:

- 360 degree bendable, both vertically and horizontally
- Excellent for low profile channel letters as 1" deep
- Silicone coated (IP65) & indoor (IP22) are available
- Epistar chips, LM-80 tested
- Cuttable every 3 LEDs for 12V, 6 LEDs for 24V
- 3M double sided tape for easy installation
- cULus Listed, 4 years warranty

## Specifications:

|                       |                                       |                            |                                                   |
|-----------------------|---------------------------------------|----------------------------|---------------------------------------------------|
| <b>LED Type</b>       | SMD 5050                              | <b>Dimmable</b>            | Yes (compatible with BV311 RF dimmer & BV Dimmer) |
| <b>LED Q'ty/m</b>     | 42pcs                                 | <b>IP grade</b>            | Ip22 (IP65 available upon request)                |
| <b>Input Voltage</b>  | 12V / 24V DC Constant Voltage         | <b>Installation</b>        | 3M™ double sided tape(mounting clips for IP68)    |
| <b>Power</b>          | 10.08W                                | <b>Working Temperature</b> | -40~+80 °C                                        |
| <b>Cutting length</b> | 12V 71.5mm 3 LEDs<br>24V 143mm 6 LEDs | <b>Max run</b>             | 12V: 3 meters<br>24V: 5 meters                    |
| <b>Strip Width</b>    | 12mm                                  | <b>Certification</b>       | E354137 cULus Listed, CE, RoHs                    |
| <b>Viewing Angle</b>  | 120°                                  | <b>Warranty</b>            | 4 years                                           |

| Order Code         | Color                                                                               | Wavelength (nm) | Illuminance Flux (mcd/m) <sup>2</sup> |
|--------------------|-------------------------------------------------------------------------------------|-----------------|---------------------------------------|
| FS-5050A-42-12-RGB |  | 620-625         | 18900-26460                           |
| FS-5050A-42-12-RGB |  | 515-525         | 34020-56700                           |
| FS-5050A-42-12-RGB |  | 460-470         | 9450-18900                            |
| FS-5050A-42-12-RGB | RGB                                                                                 | —               | —                                     |

Note<sup>1</sup>: For 24VDC version, change order code from 12 to 24. e.g FS-5050A-42-24-RGB

Note<sup>2</sup>: Lumen output are measured according to LM-79-08, with a tolerance of +/- 5%

Note<sup>3</sup>: Standard package: 5M/Roll

## Order Code

| Model                     | Quality level                | LED Q'ty/M | Input voltage          | CCT/Color  |
|---------------------------|------------------------------|------------|------------------------|------------|
| <b>FS</b>                 | <b>5050</b>                  | <b>42</b>  | <b>12/24 V</b>         | <b>RGB</b> |
| FS<br>FS-IP22<br>FWS-IP65 | 5050<br>5050A- 4yrs warranty |            | 12-12V DC<br>24-24V DC |            |

Dimension:

