

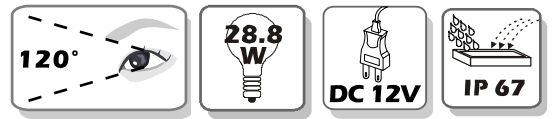


**Waterproof RibbonStrip**

- FRB02-W360SMD-VF (White, 120°)
- FRB02-WW360SMD-VF (Warm White, 120°)
- FRB02-R360SMD-VF (Red, 120°)
- FRB02-G360SMD-VF (Green, 120°)
- FRB02-B360SMD-VF (Blue, 120°)
- FRB02-A360SMD-VF (Amber, 120°)

**Waterproof RibbonStrip Benefits:**

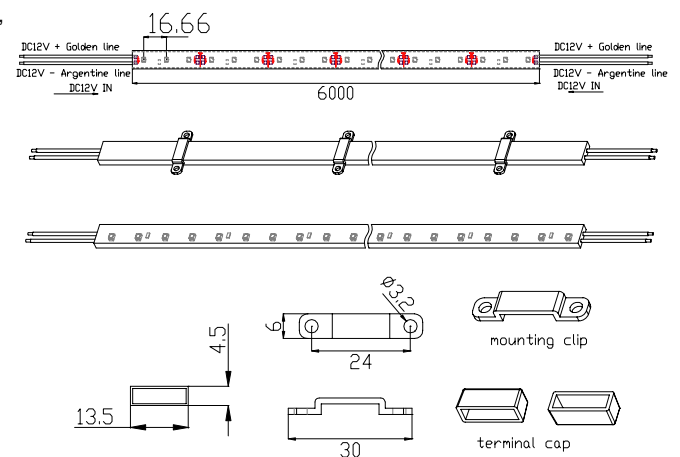
- Silica Rubber Tube Cover **Outdoor-Proof**
- Ultimate **Flexibility** / **Low profile** / Convenient / Utility
- **Low Cost** Lighting Effects
- Extremely Low Operation Cost / Energy Efficient
- Super Long Life / Zero Maintenance
- **Constant Current Design**
- **Cutting Length** 3\*LED equal 50mm
- 120° viewing angle / **Saturated & Uniform Light** / No Cut-Off
- Application: All Indirect Lighting, Boarder-line, Signs, Glass Decoration, Cove Lighting, etc.



**Specification Features**

|                              |  |
|------------------------------|--|
| <b>Color Range</b>           | White, Warm White, Red, Green, Blue, Amber |
| <b>Dimensions</b>            | L6000mm x W13.5mm xH4.5mm                  |
| <b>Light Source</b>          | 360pcs Ultra Bright SMD LED                |
| <b>Housing</b>               | None                                       |
| <b>Operating Temperature</b> | -20°C to 50°C (-4°F to 122°F)              |
| <b>Starting Temperature</b>  | -10°C to 50°C (14°F to 122°F)              |
| <b>IP Rating</b>             | IP67                                       |
| <b>LED source life</b>       | 50, 000 hours                              |
| <b>Design</b>                | Flexible PCB / Silica Rubber Tube          |
| <b>Connectors</b>            | None                                       |
| <b>Accessory</b>             | Mounting Clip / End Cap                    |
| <b>Weight</b>                | 450g                                       |

**Physical Dimensions**



**Electrical**

|                          |            |
|--------------------------|------------|
| <b>Power Input</b>       | DC 12V     |
| <b>DC Current</b>        | 20mA       |
| <b>Power Consumption</b> | 28.8W Max. |

**Communication**

|                          |      |
|--------------------------|------|
| <b>Control Mechanism</b> | None |
| <b>Controller</b>        | None |
| <b>Data wiring</b>       | None |

**Optical**

|                           |                               |
|---------------------------|-------------------------------|
| <b>Lens</b>               | None                          |
| <b>Beam Angle</b>         | 120°                          |
| <b>Light Distribution</b> | Symmetric direct illumination |

**Light Output**

| Color      | Wavelength (mm) | Color Temp. (Typical) | Luminous Intensity (mcd) | Power Consumption (W) |
|------------|-----------------|-----------------------|--------------------------|-----------------------|
| White      | -               | 5700K                 | 1200~1600                | 24W                   |
| Warm White | -               | 2800K<br>3500K        | 900~1200<br>1200~1600    | 24W                   |
| Red        | 623-630         |                       | 260~560                  | 28.8W                 |
| Green      | 522-525         |                       | 700~1200                 | 24W                   |
| Blue       | 462-468         |                       | 200~380                  | 24W                   |
| Amber      | 588-592         |                       | 260~560                  | 28.8W                 |