



|           |                           |
|-----------|---------------------------|
| Model No. | OEMC57I12KP-<br>XXXME1E1E |
| REV.      | 1                         |

## 24V 12x1W Power LED Bar

### Descriptions:

- Green light source, fast response
- Long life, easy installation
- LED model number: OSXXXME1E1E

### Features:

- Available in red, yellow, green, blue, white and warm white
- 12x1Watt high power led as the light source
- Wide emitting angle 140deg
- Superior ESD protection
- Superior UV resistance, no IR radiation
- Energy efficient, low power consumption
- Unique heat sinking design leds high brightness performance

### Application:

- Small space lighting
- Mechanical equipment lights
- Edge - lighting of transparent or diffused materials
- Path & contour marking
- Architectural lighting, villa, restaurant, hotel, meeting room, shop, counter and so on
- To couple light into transparent or diffused glass
- Emergency/ rescue signs
- Widespread use in accessorial lights for indoors, medical, landscape
- Street lighting, architectural lighting, task lighting, general lighting

### Product Picture and Dimensions:





|           |                           |
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### Device Selection Guide

| Module no. | Color      | Wavelength (Typ.) | Overall luminous flux |
|------------|------------|-------------------|-----------------------|
| G5XME1E1E  | Green      | 525 nm            | 900 lm                |
| B5XME1E1E  | Blue       | 470 nm            | 180 lm                |
| Y5XME1E1E  | Yellow     | 590 nm            | 600 lm                |
| R5XME1E1E  | Red        | 625 nm            | 600lm                 |
| M5XME1E1E  | Warm White | 3000K             | 1080 lm               |
| W4XME1E1E  | White      | 6500K             | 1200 lm               |

### Absolute Maximum Ratings(Ta=25°C)

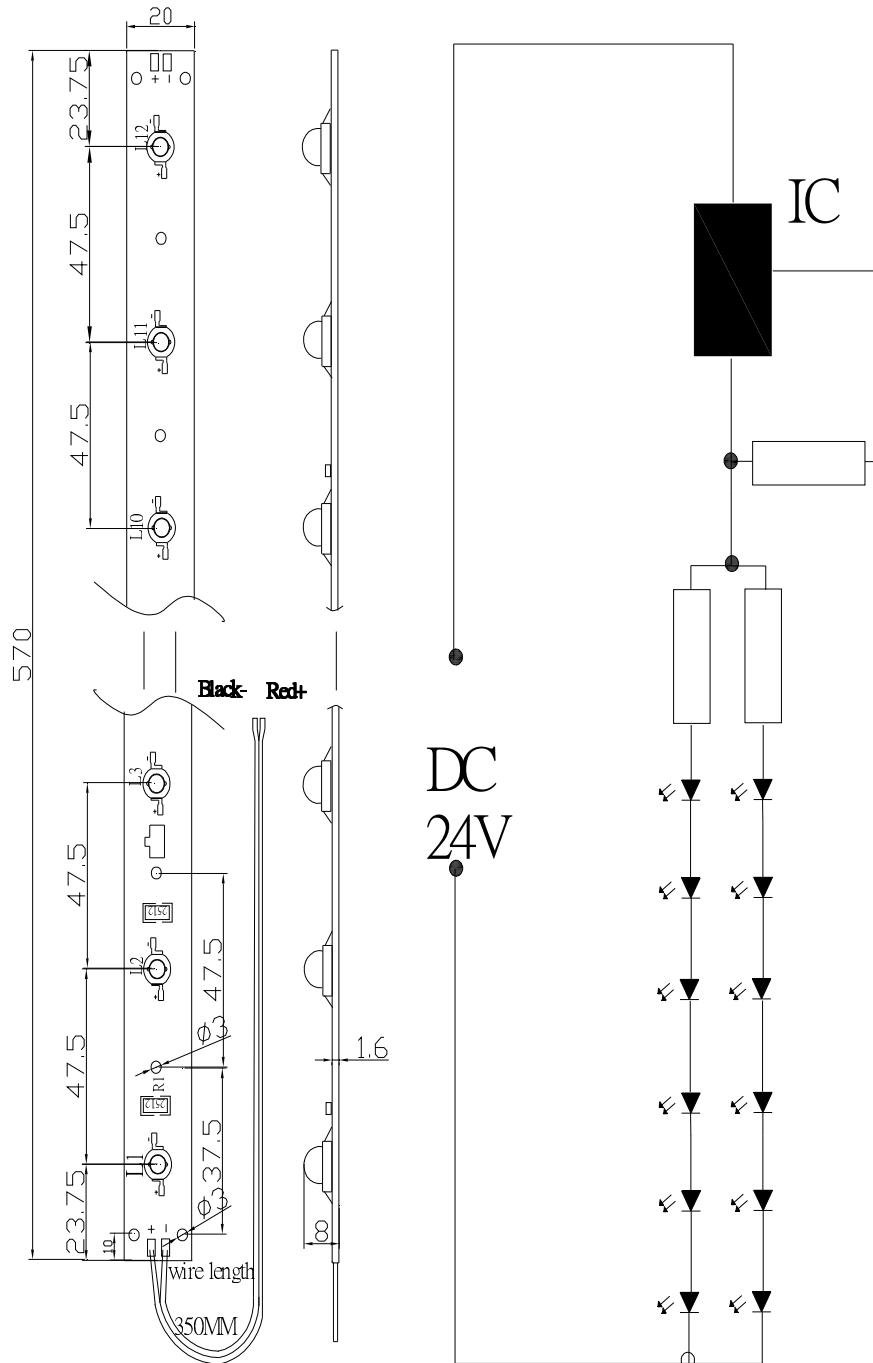
| Items                      | Symbol           | Values    | Units |
|----------------------------|------------------|-----------|-------|
| Operating Supply Range(DC) | V <sub>dc</sub>  | 26        | V     |
| Input Current (DC)         | I <sub>i</sub>   | 0.65      | A     |
| Power Dissipation          | P <sub>a</sub>   | 16.9      | W     |
| Operating Temperature      | T <sub>op</sub>  | -25 ~ +60 | DegC  |
| Storage Temperature        | T <sub>stg</sub> | -40~ +80  | DegC  |

### Typical Performance (Ta=25°C)

| Items                 | Symbol            | Min. | Typ.       | Max. | Units |
|-----------------------|-------------------|------|------------|------|-------|
| Input Voltage(DC)     | V <sub>i</sub>    | -    | 24         | 26   | V     |
| Product Input Current | I <sub>f</sub>    | -    | 0.65       | 0.65 | A     |
| Power Dissipation     | P <sub>a</sub>    |      | 15.6       | 16.9 | W     |
| Beam Pattern          | BP                | -    | 140        | -    | Deg   |
| LED Quantity          | QTY               |      | 12         |      | Pcs   |
| PCB Dimension         | L <sub>mod.</sub> | -    | 570*20*1.6 | -    | mm    |
| Net Weight            | Wei.              | ---  | 70         | ---  | g     |

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## Product Dimensions and Drawing



Unit:mm

Tolerance:  $\pm 1$ mm