

**PRODUCT SPECIFICATION FOR 3528 SMD 3-LED MODULE****Descriptions:**

- Ultra bright LED
- Long life,
- Easy installation
- Voltages available 12VDC

**Features:**

- High brightness
- Gorgeous colour diversity
- Energy saving and Low power consumption
- Environmental protection , Long life, Could use repeatedly
- Safety and convenience ,Directly use on line voltage
- Environment strong adaptability

**Application:**

- Shine word
- Advertising signs
- Large area back lighting
- Channel letter signs
- Indirect accent décor light
- Under counter light
- Decorate building's contour
- Substitute neon light

**Product Picture:**

\*Tolerance of net weight is  $\pm 5\%$

## Device Selection Guide

| Module No.         | Color | Chromaticity coordinates |      |      |      | Intensity / Per LED (Typ.) |
|--------------------|-------|--------------------------|------|------|------|----------------------------|
|                    |       | x                        |      | y    |      |                            |
| OS-MDR3W-W5DLS1C1A | White | Min                      | Max  | Min  | Max  | 1900mcd                    |
|                    |       | 0.23                     | 0.31 | 0.24 | 0.32 |                            |

## Absolute Maximum Ratings(Ta=25 )

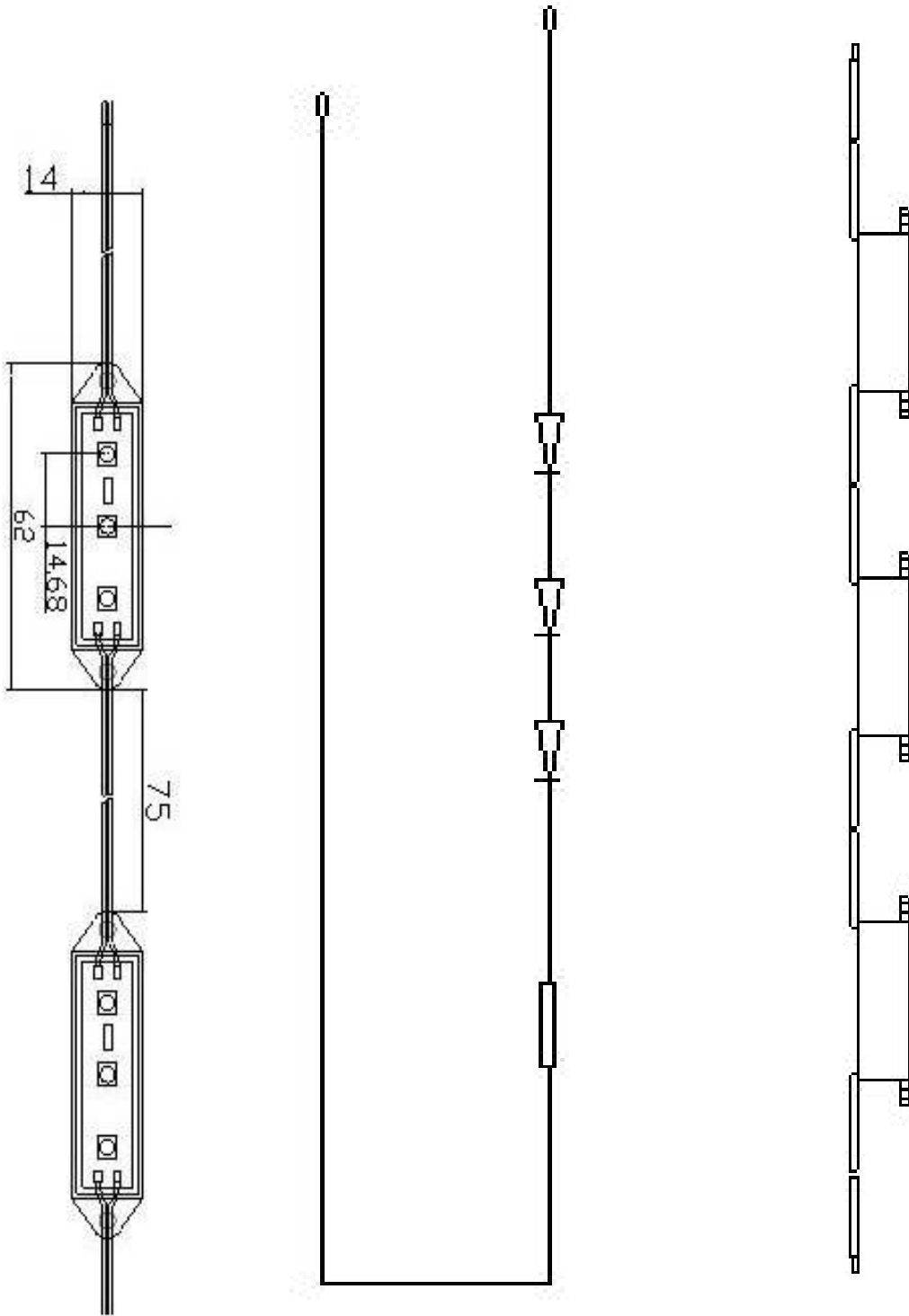
| Items                        | Symbol | Values      | Units |
|------------------------------|--------|-------------|-------|
| Operating Supply Range(DC)   | Vi     | 12          | V     |
| Input Current (DC)           | Ii     | 0.017~0.019 | A     |
| Power Dissipation            | Pa     | 0.204~0.266 | W     |
| LED Light Source Temperature | Tled   | 105         | DegC  |
| Operating Temperature        | Tope   | -10 ~ +40   | DegC  |
| Storage Temperature          | Tsto   | -20 ~ +80   | DegC  |

## Typical Performance (Ta=25 )

| Items                                  | Symbol | Min.  | Typ.  | Max.  | Units |
|--|--------|-------|-------|-------|-------|
| LED Module Power                       | Pm     | 0.204 | 0.228 | 0.266 | W     |
| Input Voltage(DC)                      | Vi     |       | 12    | 14    | V     |
| Product Input Current                  | If     | 0.017 | 0.018 | 0.019 | A     |
| Beam Pattern                           | BP     |       | 120   |       | Deg   |
| Total width of Modules (Including Pin) | Wide.  |       | 14    |       | mm    |
| LED Quantity of Every Meter            | OTY    |       | 3     |       | PCS   |
| Net Weight                             | Wei.   |       | 6     |       | g     |

\*Tolerance of net weight is  $\pm 5\%$

**Product Dimensions: Units:mm**



\*Tolerance of net weight is  $\pm 5\%$