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**EN:** This Datasheet is presented by the manufacturer.

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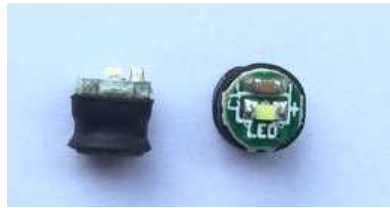
■ **Features**

- Light up LED without wires
- Built-in chip LED (LxWxT) of 1.6 x 0.8 x 0.6mm
- Small size Ø4.8mm x H5.0mm
- No batteries needed
- 

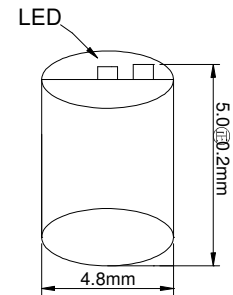
■ **Applications**

- Models
- Toys
- Games & etc.

■ **Photo**



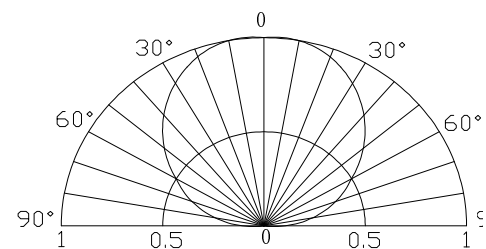
■ **Outline Dimension**












■ **Absolute Maximum Rating** (Ta=25°C)

| Item                  | Symbol           | Value     | Unit |
|-----------------------|------------------|-----------|------|
| Power Dissipation     | P <sub>D</sub>   | 102       | mW   |
| Operating Temperature | T <sub>opr</sub> | -40 ~ +85 | °C   |
| Storage Temperature   | T <sub>stg</sub> | -40 ~ +85 | °C   |

■ **Directivity**



■ **Electrical -Optical Characteristics** (Ta=25°C)

| Part Number  | Color      |    |   | I <sub>v</sub> (mcd) |      |      | λD(nm) |                |      | 2θ1/2(deg) |
|--------------|------------|----|---|----------------------|------|------|--------|----------------|------|------------|
|              |            |    |   | Min.                 | Typ. | Max. | Min.   | Typ.           | Max. | Typ.       |
|              |            |    |   | I <sub>F</sub> =20mA |      |      |        |                |      |            |
| OSWM43-M5W   | Warm White | M5 |  | -                    | 500  | -    | -      | CCT:3000K      | -    | 120        |
| OSWM43-W5W   | White      | W5 |  | -                    | 550  | -    | -      | CCT:10000K     | -    | 120        |
| OSWM43-B5W   | Blue       | B5 |  | -                    | 100  | -    | -      | 470            | -    | 120        |
| OSWM43-G5W   | True Green | G5 |  | -                    | 600  | -    | -      | 525            | -    | 120        |
| OSWM43-Y5W   | Yellow     | Y5 |  | -                    | 120  | -    | -      | 590            | -    | 120        |
| OSWM43-R5W   | Red        | R5 |  | -                    | 120  | -    | -      | 625            | -    | 120        |
| # OSWM43-K4W | Pink       | K4 |  | -                    | 150  | -    | -      | X=0.31, Y=0.20 | -    | 120        |
| # OSWM43-VXW | Violet     | VX |  | -                    | 250  | -    | -      | X=0.20, Y=0.09 | -    | 120        |
| # OSWM43-B6W | Ice Blue   | B6 |  | -                    | 300  | -    | -      | X=0.18 Y=0.26  | -    | 120        |

\*1 Tolerance of measurements of chromaticity coordinate is ±10%

\*2 Tolerance of measurements of dominant wavelength is ±1nm

\*3 Tolerance of measurements of luminous intensity is ±15%

# New colors launched on April, 2020