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

Please visit our website for pricing and availability at www.hestore.hu.

OptoSupply
Light It Up

# 5mm Candle Light Flashing Warm White LED

## OS5MDK5A31A

Ver.1

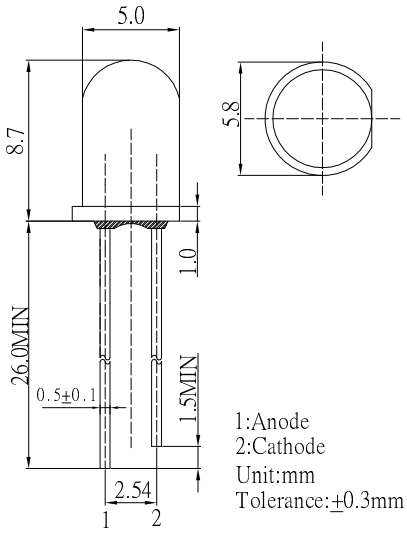
## ■Features

- High Luminous LEDs
- 5mm Round Standard Directivity
- Superior Weather-resistance
- Flashing Type
- Water Clear Type

## ■Applications

- Toys
- Games
- Audio
- Other Lighting

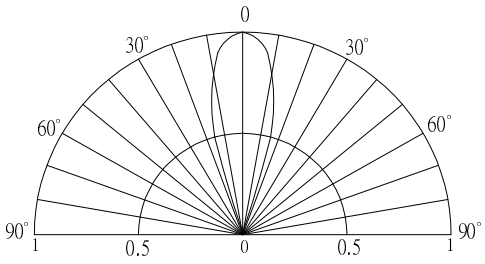
## ■Outline Dimension




## ■Absolute Maximum Rating (Ta=25℃)

| Item | Symbol | Value | Unit |
|---|---|---|---|
| Power Supply | Voltage | 5 | V |
| Operating Temperature | Topr | -30 ~ +85 | ℃ |
| Storage Temperature | Tstg | -40~ +100 | ℃ |
| Lead Soldering Temperature | Tsol | 260℃/5sec | - |

## ■Directivity




## ■Electrical -Optical Characteristics (Ta=25℃)

| Item | Symbo l | Condition | Min. | Typ. | Max. | Unit |
|---|---|---|---|---|---|---|
| DC Forward Voltage | Vdd | $I_F$=20mA | 3.0 | 3.3 | 5.0 | V |
| DC Reverse Current | $I_R$ | $V_R$=5V | - | - | 10 | μA |
| Chromaticity Coordinates* | x | $I_F$=20mA | - | 0.45 | - | |
| | y | $I_F$=20mA | - | 0.41 | - | |
| Luminous Intensity* | Iv | $I_F$=20mA | 4200 | 5800 | - | mcd |
| 50% Power Angle | $2\theta_{1/2}$ | $I_F$=20mA | - | 30 | - | deg |

*1 Tolerance of dominant wavelength is ±1nm
*2 Tolerance of luminous intensity is ±15%
*3 Tolerance of Frequency is ±20%



ATTENTION
OBSERVE PRECAUTIONS
ELECTROSTATIC
SENSITIVE DEVICES