**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 Flat Yellow LED**

# OS5YPM57E1A-LM

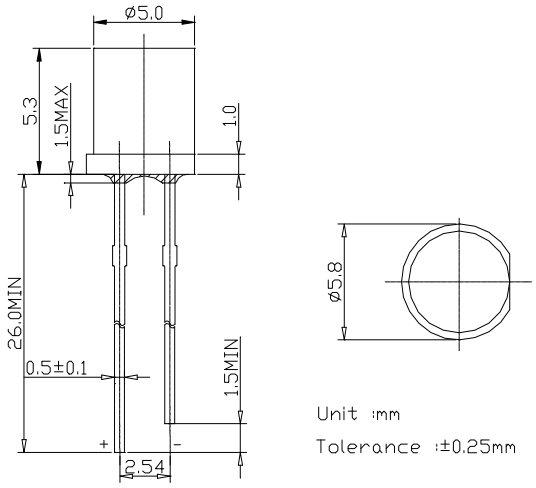
## ■Features

- 5mm Standard Directivity
- Water clear Type
- Superior Weather-resistance
- UV Resistant Epoxy
- RoHS compliant

## ■Applications

- Automotive Dashboard Lighting
- Traffic signal lamp
- Back Lighting

## ■Outline Dimension

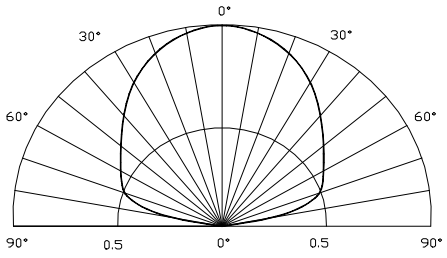



## ■Absolute Maximum Rating (Ta=25℃)

| Item | Symbol | Value | Unit |
|---|---|---|---|
| DC Forward Current | $I_F$ | 50 | mA |
| Pulse Forward Current* | $I_{FP}$ | 150 | mA |
| Reverse Voltage | $V_R$ | 5 | V |
| Power Dissipation | $P_D$ | 200 | mW |
| Operating Temperature | Topr | -30 ~ +85 | ℃ |
| Storage Temperature | Tstg | -30 ~ +100 | ℃ |
| Lead Soldering Temperature | Tsol | 260℃/5sec | - |

*Pulse width Max.10ms Duty ratio max 1/10

## ■Directivity




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

| Item | Symbol | Condition | Min. | Typ. | Max. | Unit |
|---|---|---|---|---|---|---|
| DC Forward Voltage | $V_F$ | $I_F$=20mA | 1.8 | 2.0 | 2.4 | V |
| DC Reverse Current | $I_R$ | $V_R$=5V | - | - | 10 | μA |
| Domi. Wavelength | $\lambda_D$ | $I_F$=20mA | 585 | 590 | 595 | nm |
| Luminous Intensity | Iv | $I_F$=20mA | 1120 | 1560 | - | mcd |
| 50% Power Angle | $2\theta_{1/2}$ | $I_F$=20mA | - | 140 | - | deg |