

Electrical Optical Characteristics at Ta=25°C

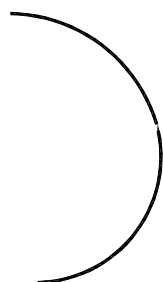
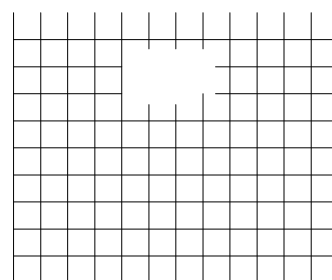
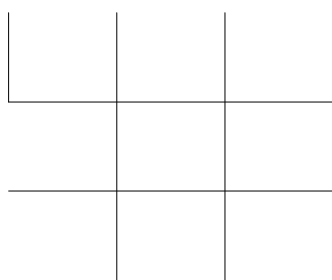
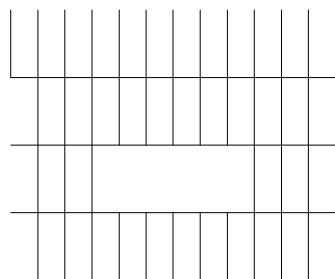
| PARAMETER | SYMBOL | MIN. | TYP. | MAX. | UNITS | TEST CONDITIONS |
|-----------------------|-----------|------|------|------|---------------|--|
| Reverse Light Current | I_L | --- | 16.7 | --- | μA | $V_R=5\text{V}$ $E_e=1\text{mW}/\text{cm}^2$ |
| Reverse Light Current | I_L | --- | 13 | --- | μA | $V_R=5\text{V}$ $E_e=1\text{mW}/\text{cm}^2$ |
| Reverse Light Current | I_L | --- | 10 | --- | μA | $V_R=5\text{V}$ $E_e=1\text{mW}/\text{cm}^2$ |
| Reverse Dark Current | I_D | --- | --- | 10 | nA | $V_R=10\text{V}$ $E_e=0\text{mW}/\text{cm}^2$ |
| Reverse Voltage | $V_{(R)}$ | 30 | --- | --- | V | I_R |
| Forward Voltage | V_F | --- | --- | 1.3 | V | $I_F=10\text{mA}$ |
| | $1/2$ | --- | 135 | --- | Deg. | (Note 1) |
| | $1/2$ | --- | 135 | --- | Deg. | |
| Rise Time/Fall Time | tr/tf | --- | 30 | --- | ns | $V_R=10\text{V}$ |
| Total Capacitance | C_T | --- | 12 | --- | pF | $V_R=5\text{V}$ $E_e=0\text{mW}/\text{cm}^2$ $f=1.0\text{MHz}$ |

Note:

$1/2$ is the off-axis angle at which the Reverse Light Current is half the axial Reverse Light Current.



2. The I_L guarantee should be added $\pm 15\%$ tolerance.

Typical Electrical / Optical Characteristics Curves (25°C Ambient Temperature Unless Otherwise Noted)





Label Explanation

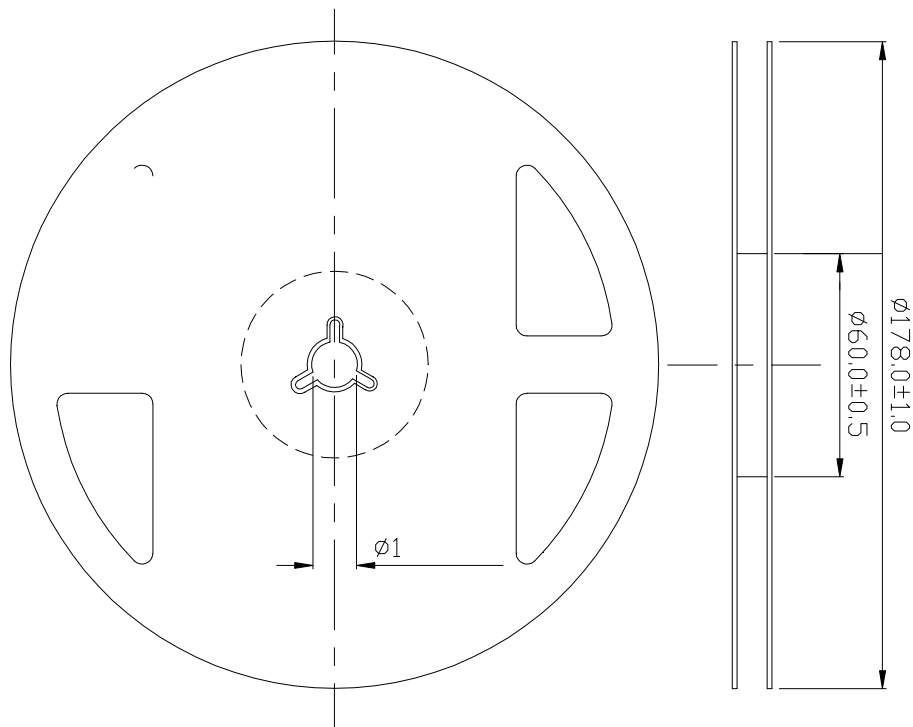
LIGHT Universal Label

| | | |
|-----------------------------|---|---|
| LIGHT | |  |
| Light Electronics CO., LTD. | | |
| MODEL NAME: _____ |  LOT NO : _____ | |
| QUANTITY: _____ | | |
| BIN: _____ | | |
| PACKING DATE: _____ | | |
| REMARKS: _____ | | |

Customer Defined Label

| | | |
|-----------------------------|---|---|
| LIGHT | |  |
| Light Electronics CO., LTD. | | |
| MODEL NAME: _____ |  LOT NO : _____ | |
| QUANTITY: _____ | | |
| BIN: _____ | | |
| PACKING DATE: _____ | | |
| CUSTOMER P/N: _____ | | |

Reel Dimensions



保潔

