

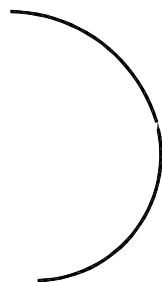
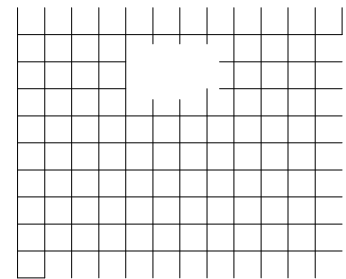
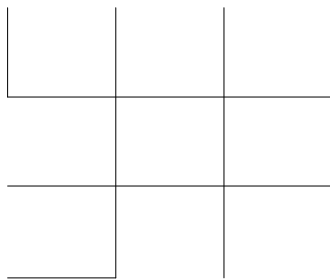
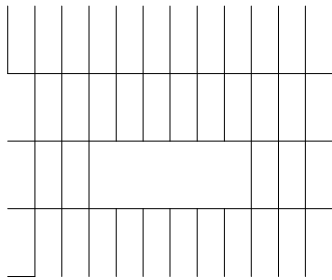
Electrical Optical Characteristics at Ta=25°C

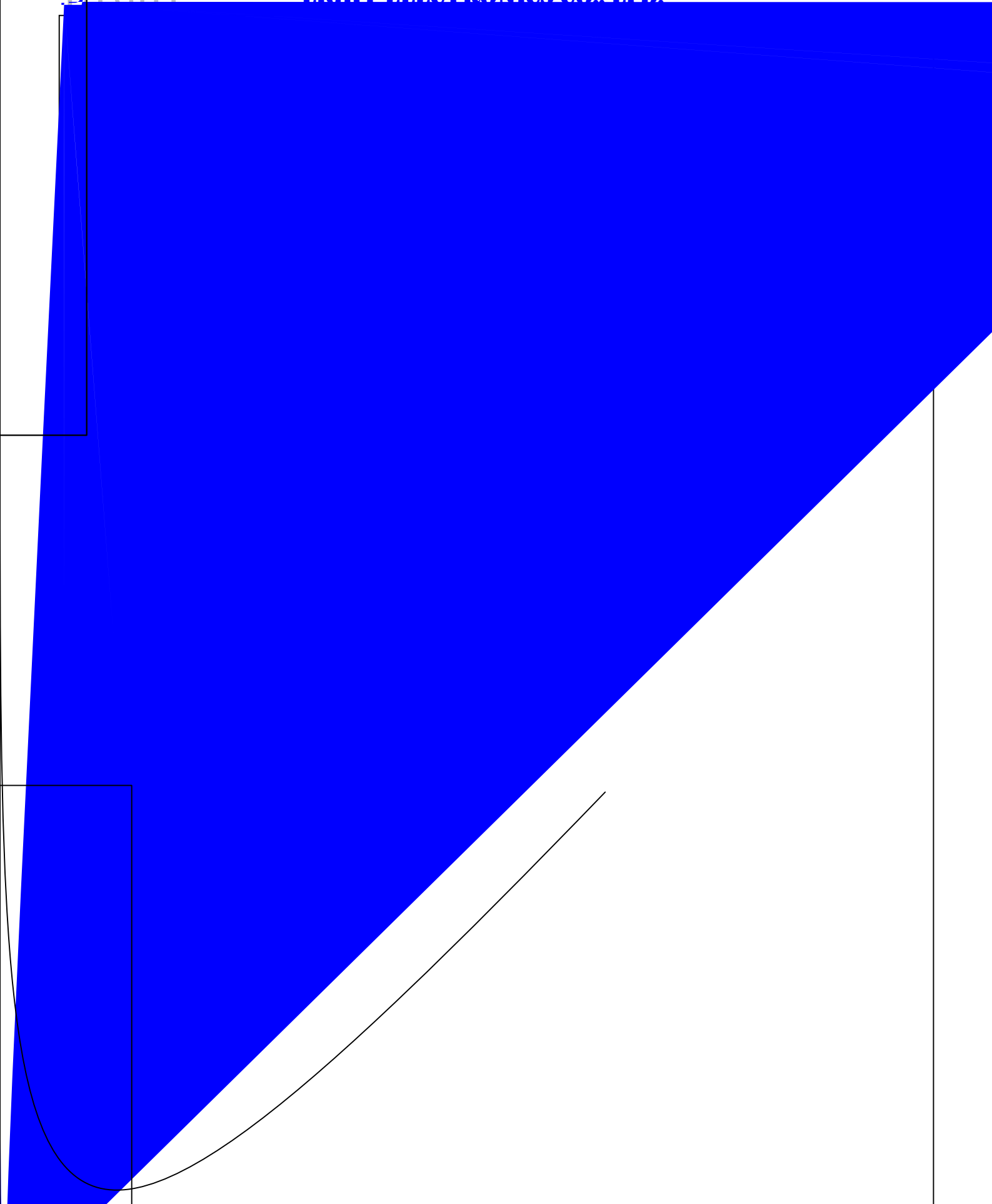
| PARAMETER | SYMBOL | MIN. | TYP. | MAX. | UNITS | TEST CONDITIONS |
|-----------------------|-----------|------|------|------|---------|------------------------------------------|
| Reverse Light Current | I_L | --- | 16.7 | --- | μA | $V_R=5V$ $E_e=1mW/cm^2$ $p=940nm$ |
| Reverse Light Current | I_L | --- | 13 | --- | μA | $V_R=5V$ $E_e=1mW/cm^2$ $p=660nm$ |
| Reverse Light Current | I_L | --- | 10 | --- | μA | $V_R=5V$ $E_e=1mW/cm^2$ $d=525nm$ |
| Reverse Dark Current | I_D | --- | --- | 10 | nA | $V_R=10V$ $E_e=0mW/cm^2$ |
| Reverse Voltage | $V_{(R)}$ | 30 | --- | --- | V | $I_R=100\mu A$ |
| Forward Voltage | V_F | --- | --- | 1.3 | V | $I_F=10mA$ |
| Viewing Angle(X) | $2_{1/2}$ | --- | 135 | --- | Deg. | (Note 1) |
| Viewing Angle(Y) | $2_{1/2}$ | --- | 135 | --- | Deg. | |
| Rise Time/Fall Time | tr/tf | --- | 30 | --- | ns | $V_R=10V$ $RL=1k$ |
| Total Capacitance | C_T | --- | 12 | --- | pF | $V_R=5V$ $E_e=0mW/cm^2$ $f=1.0MHz$ |

Note:

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

