

# SL-T1615IRGRC020-L55

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Notes:



Absolute Maximum Ratings at Ta=25

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1. Storage and operating:

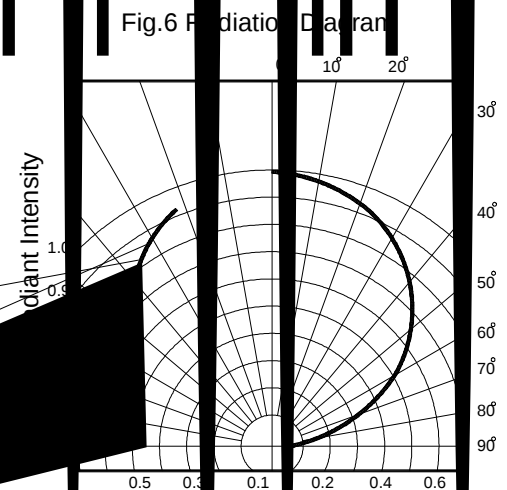
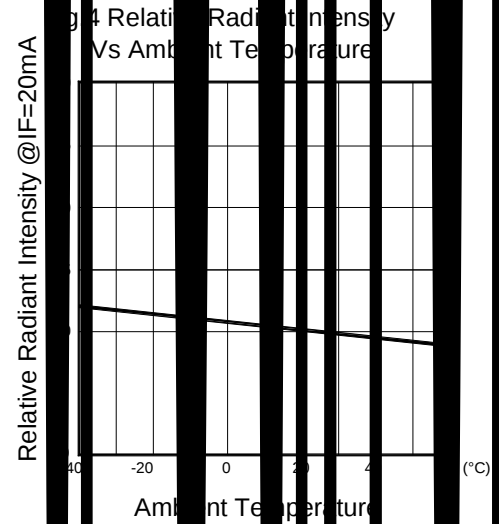
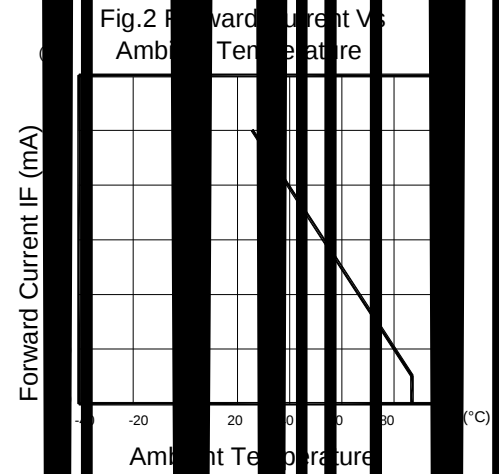
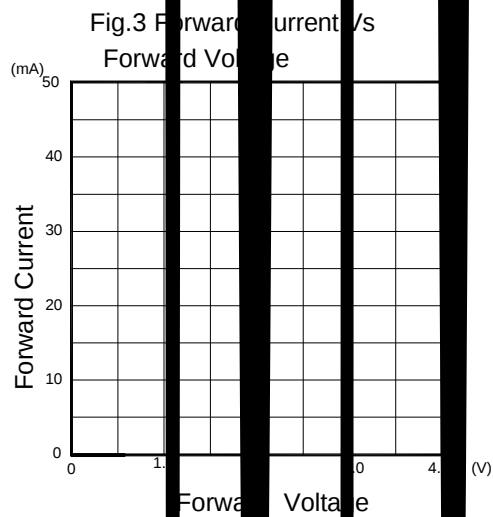
2. Peak Forward Current:

Condition for is IFP pulse: Pulse Width≤0.1ms and duty≤1/10.

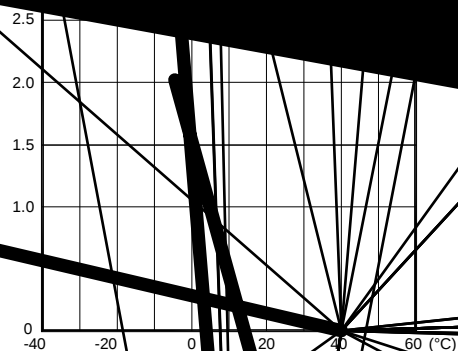
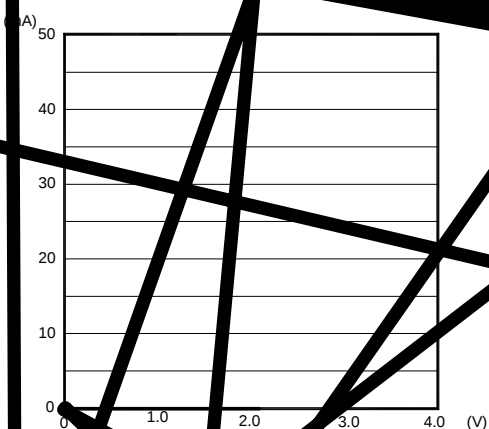
3. Caution in ESD:



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



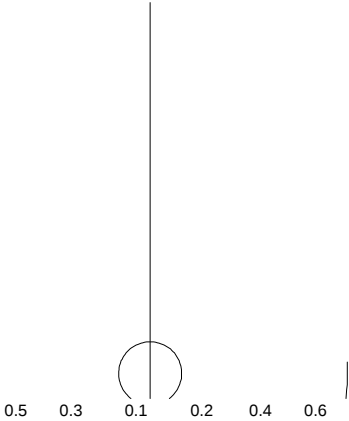
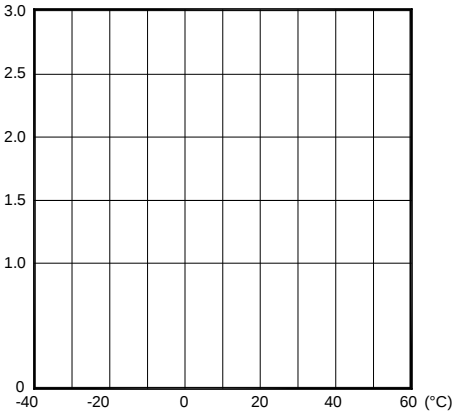
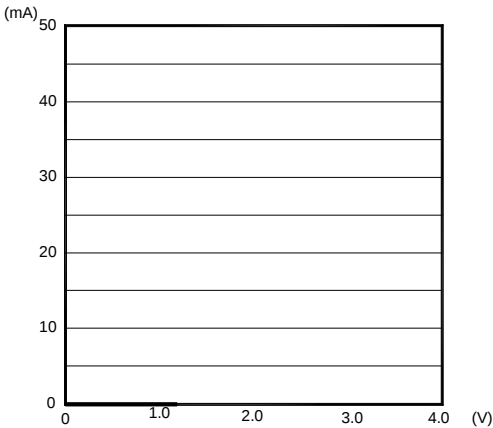
### Typical Electrical / Optical Characteristics Curves for Green (25 °C Ambient Temperature Unless Otherwise Noted)



0.5



Typical Electrical / Optical Characteristics Curves for Red  
(25 Ambient Temperature Unless Otherwise Noted)

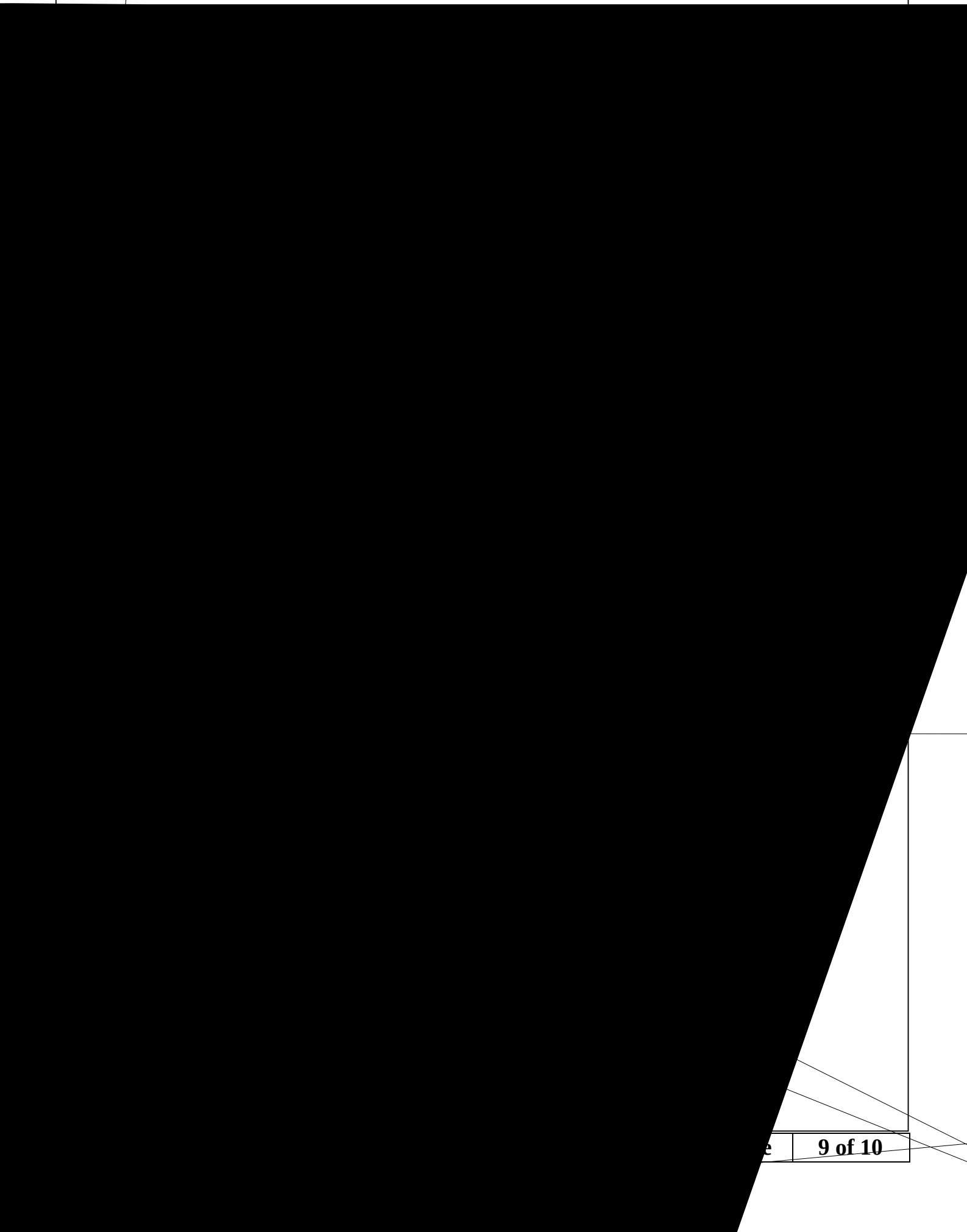


### Label Explanation

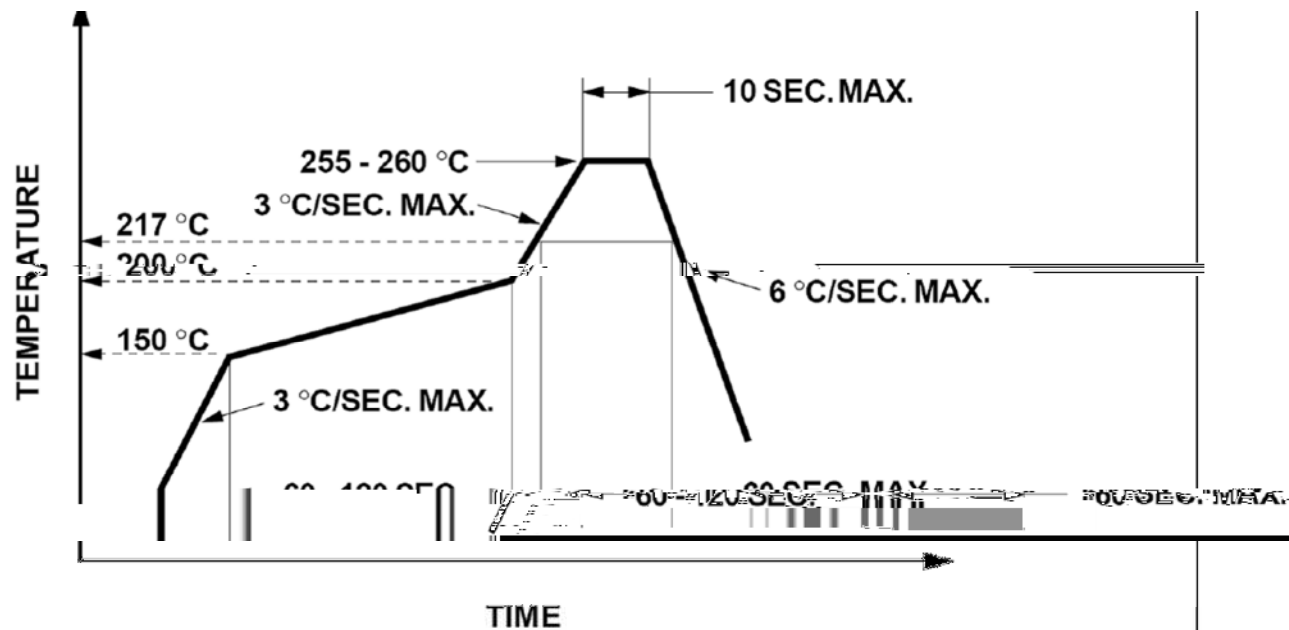
|                                             |                                                                                            |                                                                                                                                                                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

### Reel Dimensions

**Note:**



## Suggest IR Reflow Condition For Lead Free



1. Reflow soldering should not be done more than two times.
2. When soldering, do not put stress on the LEDs during heating.

## Soldering iron

1. When hand soldering, the temperature of the iron must less than 300 °C for 3 seconds.
2. The hand solder should be done only once.

## Repairing

Repair should not be done after the LEDs have been soldered. When repairing is unavoidable, a double-head soldering iron should be used (as below figure). It should be confirmed beforehand whether the characteristics of LEDs will or will not be damaged by repairing.

