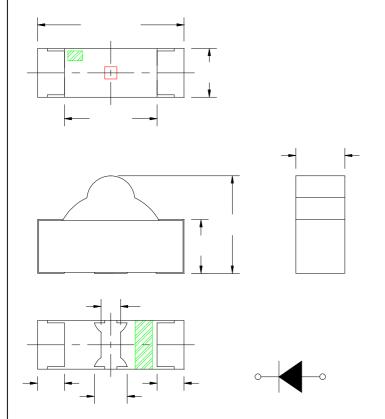


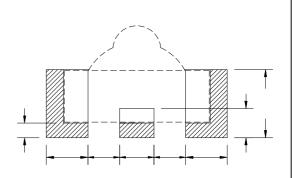


#### **Features**

Pb free product—RoHS compliant Low power consumption, High efficiency Reliable and rugged Long life – solid state reliability Good spectral matching to Si photo detector

## Package Dimension





Part NO.	Chip Material	Lens Color
SL-T3010IRC020-L200	AlGaAs	Water Clear

#### **Notes:**

- 1. All dimensions are in millimeters.
- 2. Tolerance is 0.10mm unless otherwise noted.
- 3. Specifications are subject to change without notice.

# LIGHT ELECTRONICS CO., LTD.



Part No.	SL-T3010IRC020-L200	Page	3 of 9
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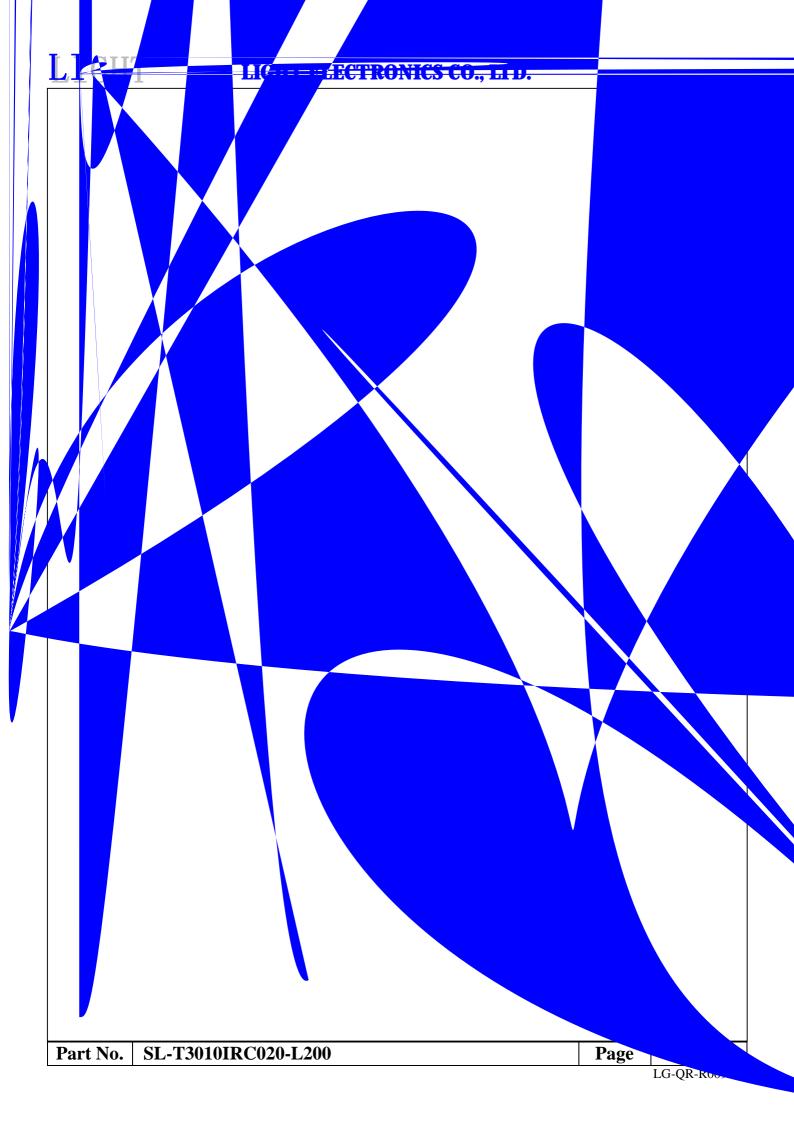
# LIGHT ELECTRONICS CO., LTD.



# Radiant Intensity Bin Code (I<sub>F</sub>=20mA)

BIN CODE	Min. (mW/sr)	Max. (mW/sr)
1	0.8	1.0
2	1.0	1.2
3	1.2	1.44
4	1.44	1.73
5	1.73	2.08

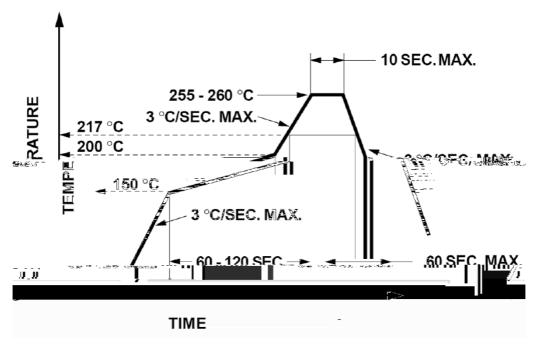
**NOTE**: The Ie guarantee should be added  $\pm 15\%$  tolerance.







### 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 350 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.

