

LIGHT ELECTRONICS CO., LTD.



DATA SHEET

 SPEC. NO.
 : SZ23041002

 DATE
 : 2023/04/10

 REV.
 : A/0

Approved By: Checked By: Prepared By:

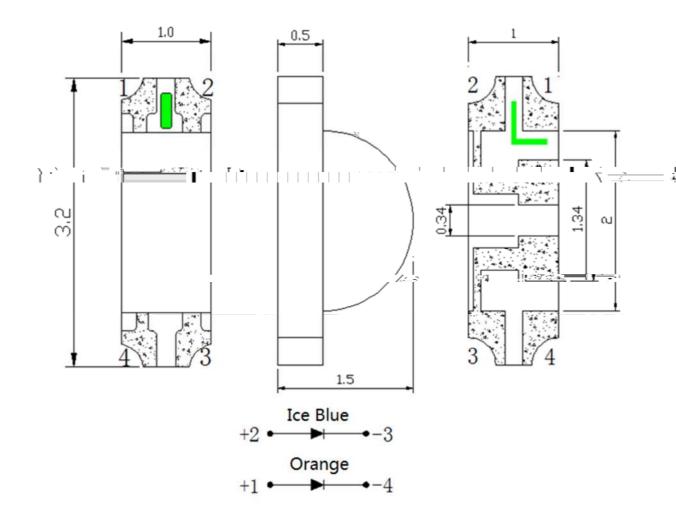




Features

- ◆ Pb free product—RoHS compliant
- ♦ Low power consumption, High efficiency
- ♦ Reliable and rugged
- ♦ Long life solid state reliability
- ♦ Viewing angle: 120°

Package Dimension



Part NO.	Lens Color	Source Color		
SL-T3210IBOC020-L150	Water Clear	Ice Blue/Orange		

Notes:

- 1. All dimensions are in millimeters.
- 2. Tolerance is ±0.10mm unless otherwise noted.

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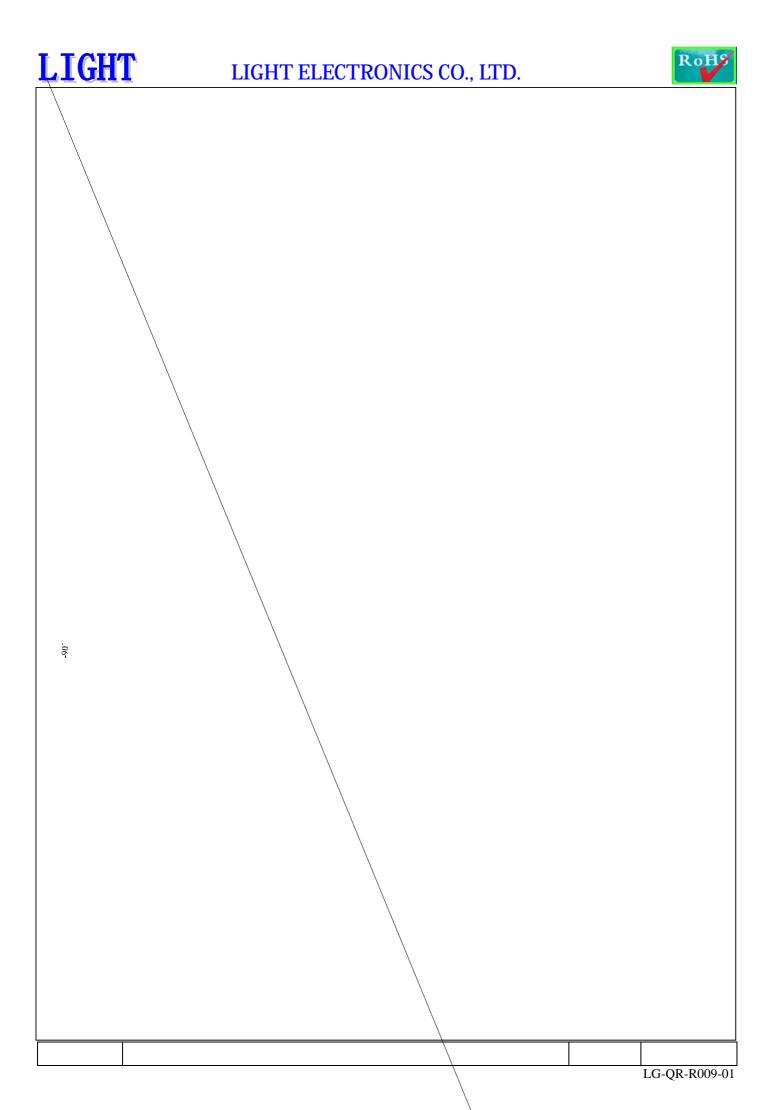


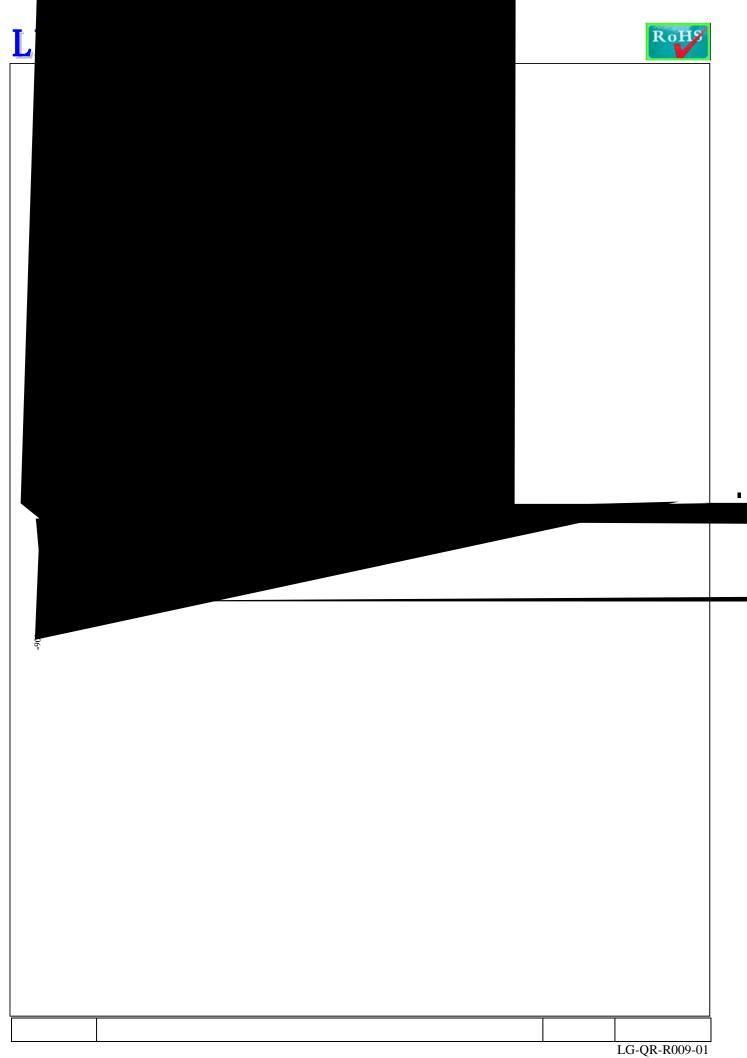
Parameter	Symbol	Color	Min.	Тур.	Max.	Unit	Test Condition
Luminous Intensity	Iv	Ice Blue	400		600	mcd	I _F =20mA
		Orange	70		200	mcd	
	1/2			120		Deg.	(Note 2)
		Ice Blue	478		485	nm	I _F =20mA
		Orange	600		610	nm	
Famuurd Voltage	age V _F	Ice Blue	2.6		3.3	V	I _F =20mA
Forward Voltage		Orange	1.8		2.4	V	
Reverse Current	I_R				10	μΑ	V _R =5V

- 1. Luminous intensity is measured with a light sensor and filter combination that approximates the CIE eye-response curve. Tolerance of Luminous Intensity: $\pm 15\%$.
- 2. $_{1/2}$ is the off-axis angle at which the luminous intensity is half the axial luminous intensity.
- 3.

single wavelength which defines the color of the device. Tolerance of Dominant Wavelength: ± 1.0 nm.

4. Tolerance of Forward Voltage: ±0.1V.





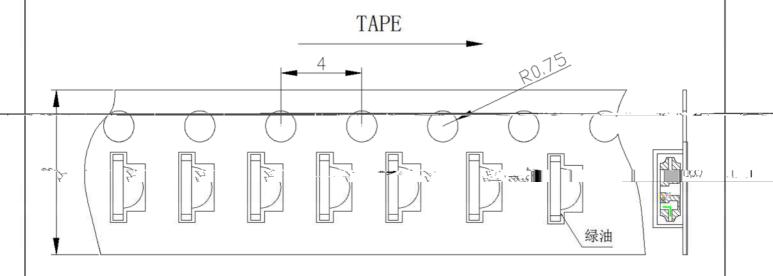




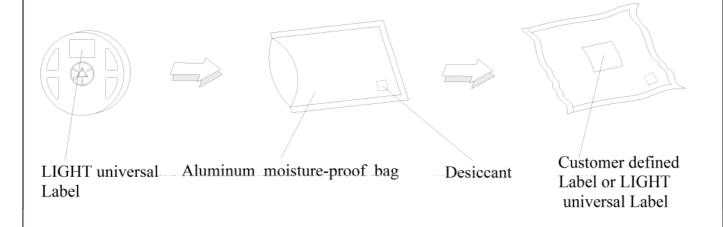
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Carrier Tape Specifications (Loaded Quantity: 3000pcs/reel)



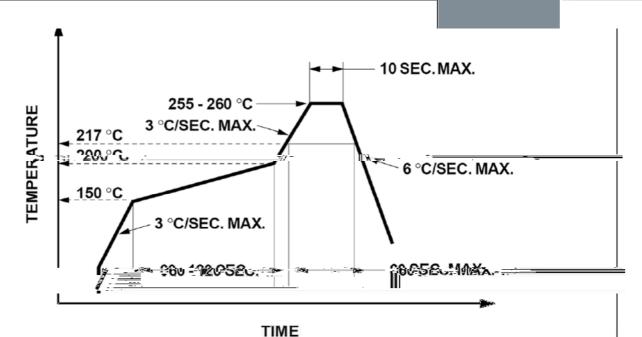
Moisture Resistant Packaging







Suggest IR Reflow Condition For Lead Free



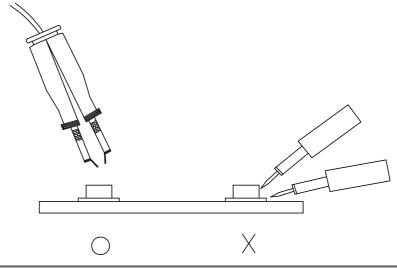
- 1. Reflow soldering should not be done more than two times.
- 2. When soldering, do not put stress on the LEDs during heating.

Soldering iron...

- 1995 1981 112 July 1120 11
- 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.



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