

## SL-150KGKT DATA SHEET

SPEC. NO. : SZ13092502  
DATE : 2019/8/3  
REV. : A/1

Approved By:

Checked By:

Prepared By:





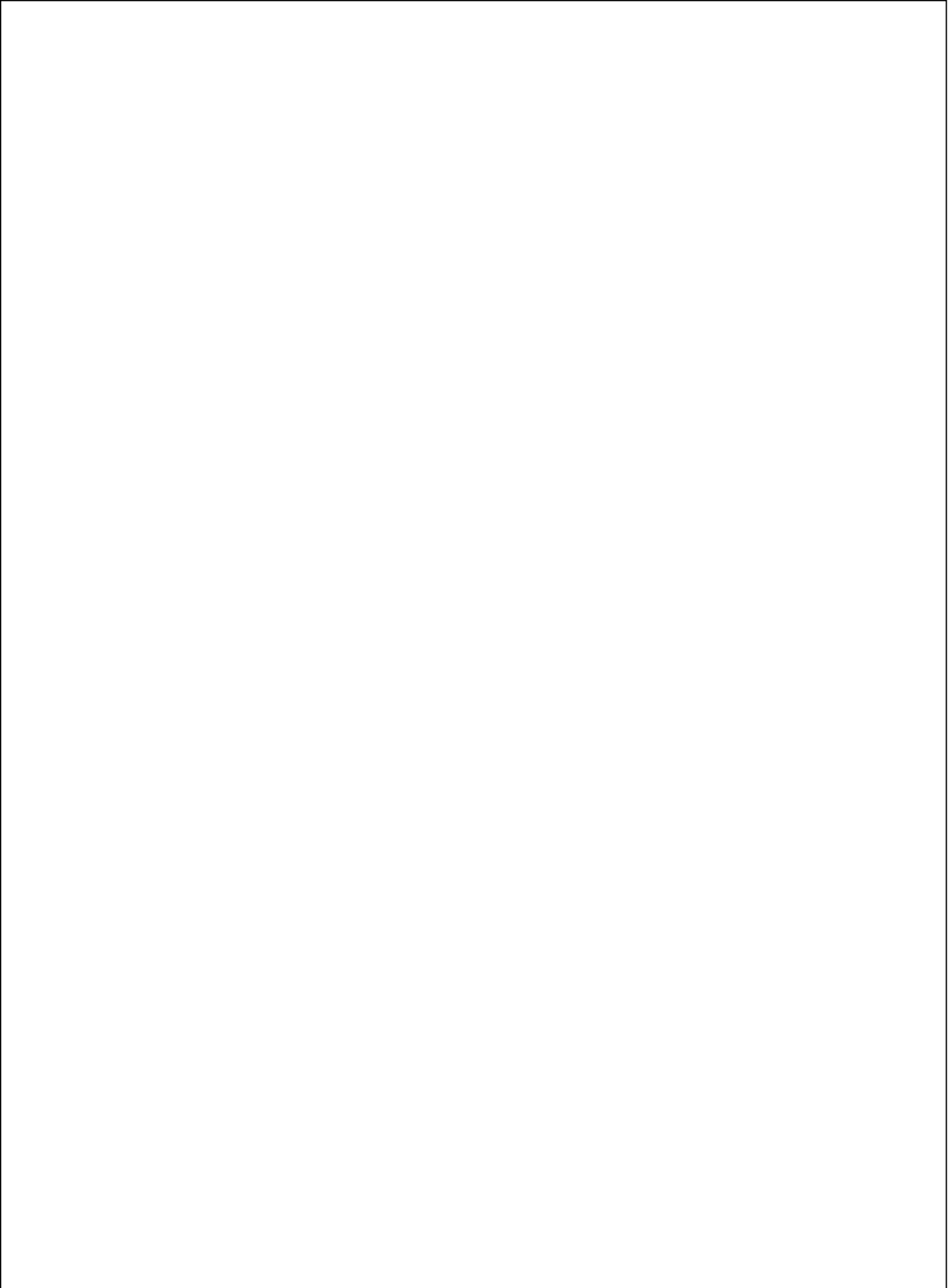
## Electrical Optical Characteristics at Ta=25

Parameter	Symbol	Min.	Typ.	Max.	Unit	Test Condition	
Luminous Intensity	I <sub>v</sub>	M	18.0	---	28.0	mcd	I <sub>F</sub> =20mA (Note 1)
		N	28.0	---	45.0		
		P	45.0	---	71.0		
	1/2	---	130	---	Deg.	(Note 2)	
						I <sub>F</sub> =20mA	
		C	567.5	---	570.5	nm	I <sub>F</sub> =20mA
		D	570.5	---	573.5		
		E	573.5	---	576.5		
Spectral Line Half-Width		---	15	---	nm	I <sub>F</sub> =20mA	
Forward Voltage	V <sub>F</sub>	4	1.9	---	2.0	V	I <sub>F</sub> =20mA
		5	2.0	---	2.1		
		6	2.1	---	2.2		
		7	2.2	---	2.3		
		8	2.3	---	2.4		
Reverse Current	I <sub>R</sub>	---	---	10	μA	V <sub>R</sub> =5V	

### Note:

- Luminous intensity is measured with a light sensor and filter combination that approximates the CIE eye-response curve. Tolerance of Luminous Intensity: ±15%.
- 1/2 is the off-axis angle at which the luminous intensity is half the axial luminous intensity.
- single wavelength which defines the color of the device. Tolerance of Dominant Wavelength: ±1.0nm.
- Tolerance of Forward Voltage: ±0.1V.

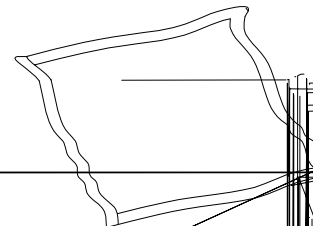
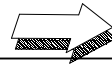
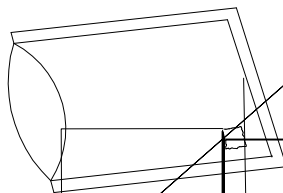
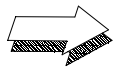
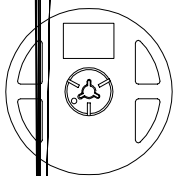
LIGN





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

### Moisture Resistant Packaging



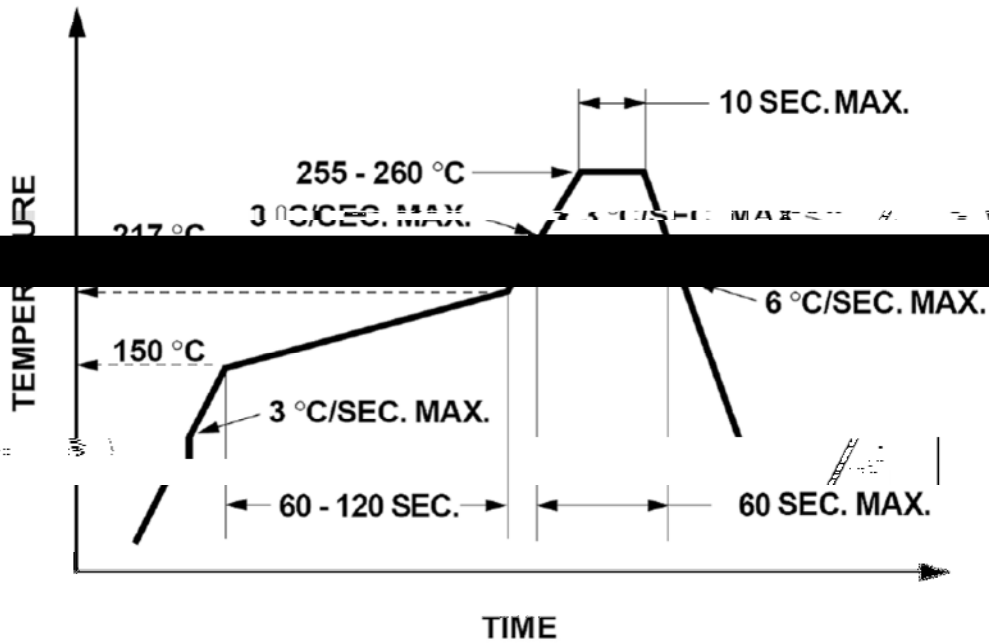
LIGHT universal Label

Aluminum moisture-proof bag

Desiccant

Customer defined Label or LIGHT universal Label

**Suggestion of Soldering of LED Package**



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.

