





## Absolute Maximum Ratings at Ta=25°C

| Parameter                          | MAX.              | Unit |
|------------------------------------|-------------------|------|
| Power Dissipation                  | 150               | mW   |
| Continuous Forward Current         | 100               | mA   |
| Peak Forward Current <sup>*3</sup> | 1.0               | A    |
| Reverse Voltage                    | 5                 | V    |
| Operating Temperature              | -40 to + 85       |      |
| Storage Temperature                | -45 to + 100      |      |
| Wave Soldering Condition           | 260 for 5 Seconds |      |

### 1. Storage

The storage ambient for the LEDs should not exceed 70% relative humidity.

LED 70%

It is recommended that LEDs out of their original packaging are used within three months.

LED

It is recommended that LED be used in 168hrs after opening the package If extended, use 70 5 before baking more than 12hrs

LED 168hrs 70 5 12hrs

### 2. Precautions in handling:

- When soldering, leave 2mm of minimum clearance from the resin to the soldering point.  
2mm
- Dipping the resin to solder must be avoided.
- In soldering, do not apply any stress to the lead frame particularly when heated.
- When forming a lead, make sure not to apply any stress inside the resin.

### 3. Peak Forward Current:

Condition for is I<sub>FP</sub> pulse Pulse Width 100μs and duty 1%.

1% 100μs

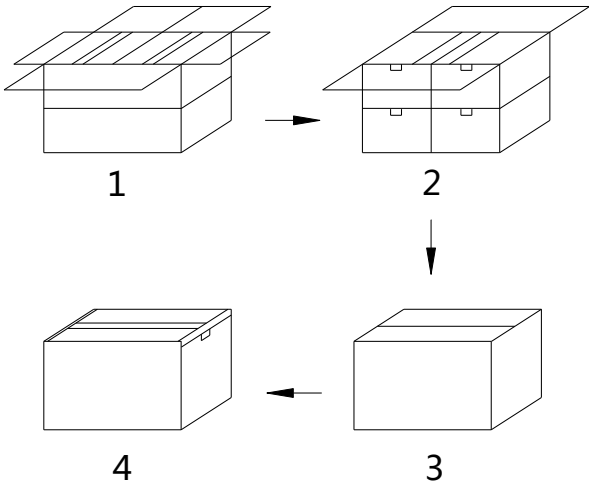
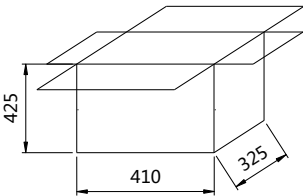
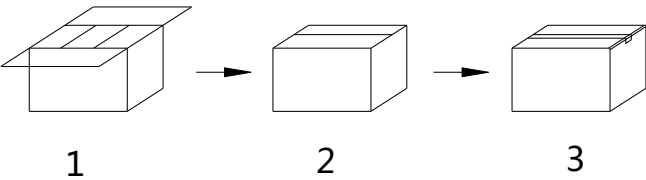
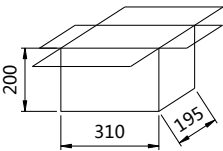
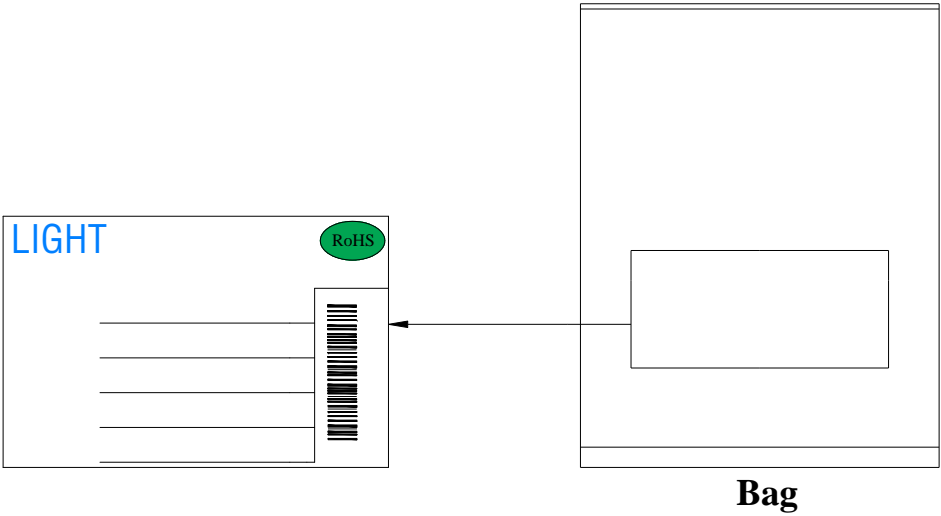








PACKAGE



| Bag minimum volume<br>(pcs / Bag) | Bag volume<br>(pcs / Bag) | Inner box volume<br>(Bag / box) | Outer carton volume<br>(Box / Carton) |
|-----------------------------------|---------------------------|---------------------------------|---------------------------------------|
| 250                               | 1000                      | 10                              | 4                                     |