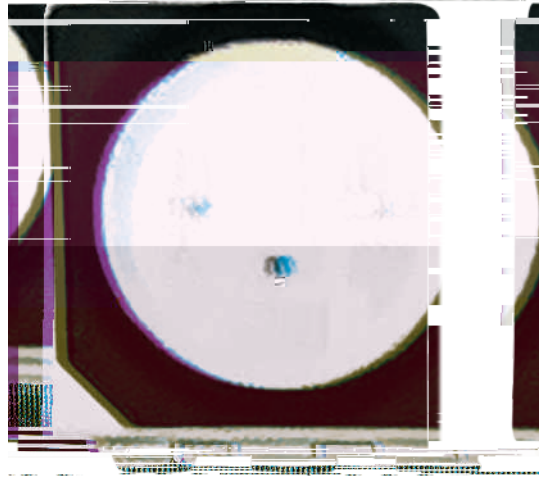


# Product Specification

|             |                    |
|-------------|--------------------|
| Description | LED Amusement Lamp |
| Model NO    | YJ-S5050RGB-TB     |

## Product Picture

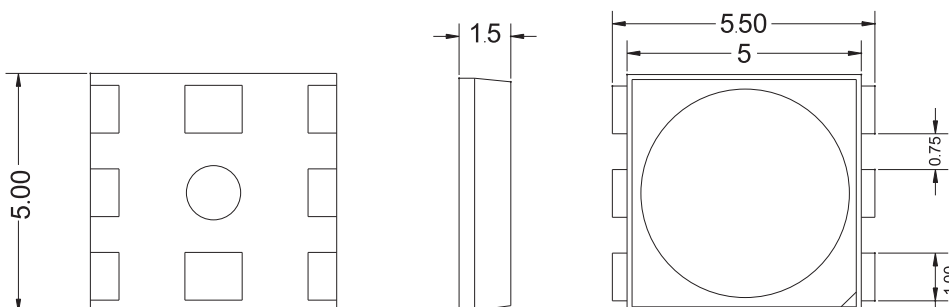


| Part Number    | Chip Material | Emitting Color | Forward Voltage |     | Dominant Wavelength |     | Luminous Intensity (mcd) |      | IF (mA) | Viewing Angle  |
|----------------|---------------|----------------|-----------------|-----|---------------------|-----|--------------------------|------|---------|----------------|
|                |               |                | TYP             | MAX | MIN                 | MAX | MIN                      | MAX  |         | $\Delta\theta$ |
| YJ-S5050RGB-TB | AlGaInP       | Red            | 1.8             | 2.4 | 620                 | 635 | 400                      | 650  | 20      | 120            |
|                | GAN           | Green          | 2.8             | 3.6 | 515                 | 525 | 800                      | 1300 | 20      | 120            |
|                | GAN           | Blue           | 2.8             | 3.6 | 455                 | 475 | 200                      | 350  | 20      | 120            |

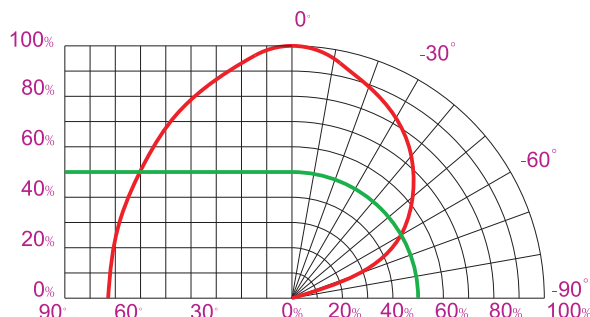
## PRODUCT SIZE



### Directive Characteristics



Package Dimensions mm  
General Tolerance 02



Relative Luminous Intensity

+ ○ —|>— ○ - B  
+ ○ —|>— ○ - R  
+ ○ —|>— ○ - G



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## Product Package



### Instructions :

K=K Material Carton  
Electrostatic bag

## Customer information

### Please read the specification before used:

#### Products dehumidification

Because the SMD product moisture absorption in high temperature welding will cause water vapor evaporation and expansion. Easy to cause disengagement. It is easy to pull the chip from the gold wire. Therefore, before use, customers should bake at 60-70degrees centigrade for 12 hours before unpacking. welding should be finished within 24 hours after unpacking.

If more than 24 hours need to do dehumidification again. (Bake the beads in the coil at 65-75degrees Celsius for 10 - 15 hours, Bulk baking : 130-150degrees Celsius for 2-3 hours)

#### SMT

Customers in the SMT patch as far as possible to choose a large than SMD light surface nozzle, to prevent the nozzle down the height of the improper setting of the lamp caused by damage to the inner gold line, SMT nozzle down the height will also affect the quality of the lamp.

#### Anti-static precautions

The machine in contact with the product during use should be grounded by wire. The soldering iron of the working table must be grounded.

The operator must wear an esd ring and esd suit.



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