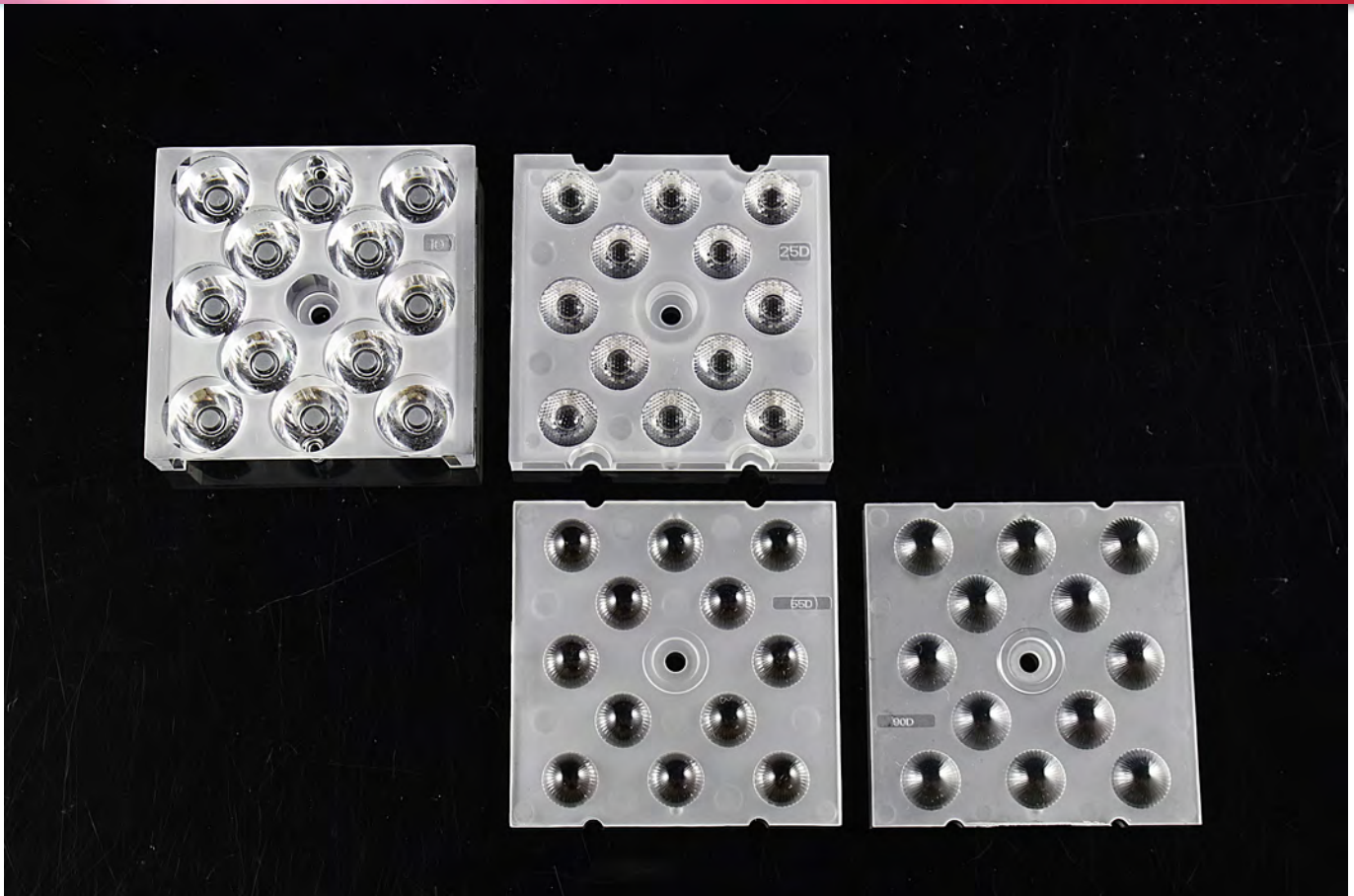


# Data Sheet

## LL12SS-CRCxxL19

 **SAMSUNG SAMSUNG LED LH351B**



### ■ Features & Typical Applications

- High efficiency
- Available with 3 beam angles
- Optimized Uniformity
- Lens without Holder
- Commercial Lighting
- Downlight
- Highbay

### ■ Table of Contents

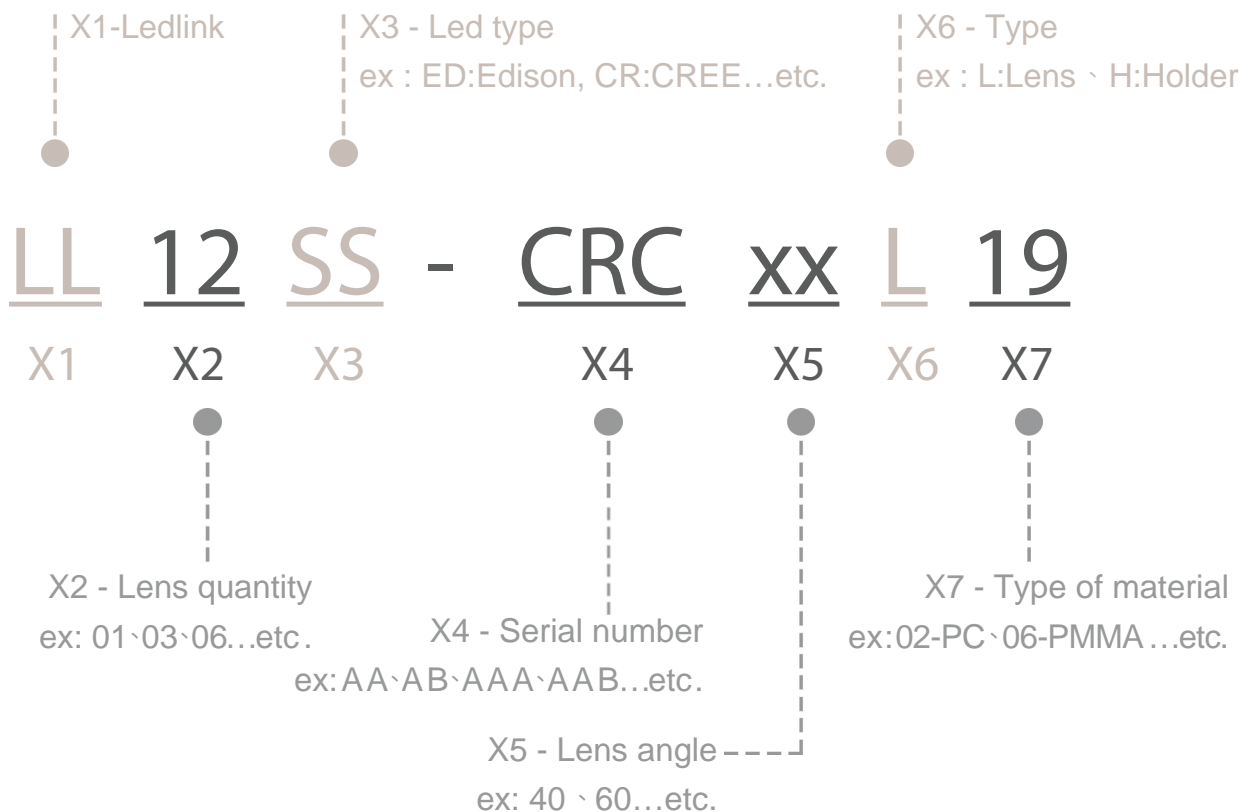
|   |     |
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# LL12SS-CRCxxL19

## General Information

- Lens Material :PC 1250Z
- Operating Temperature range -40°C~+110°C(upper limit +120°C).
- Storage Temperature range -40°C~+110°C(upper limit +120°C).
  - \* Average transmittance in visible spectrum 400nm~700nm>90%.  
(For raw material only)
- Usage and Maintenance:
  1. If necessary, clean lenses with mild soap, water and soft cloth.
  2. Never use any commercial cleaning solvents on lenses, like alcohol.
  3. Please handle or install lenses with wearing gloves, skin oils may damage lens or its optical characteristic.

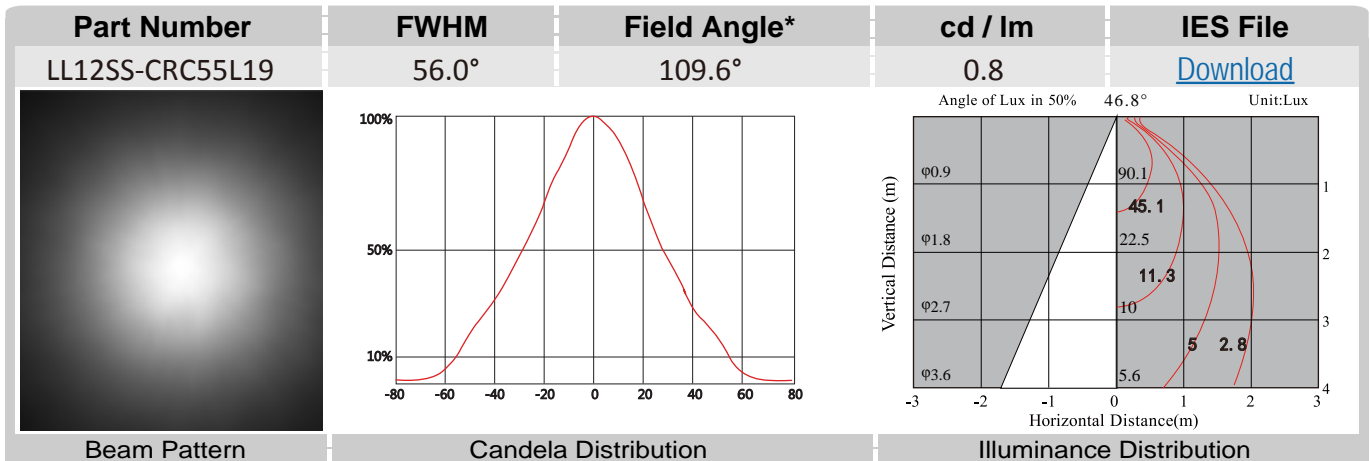
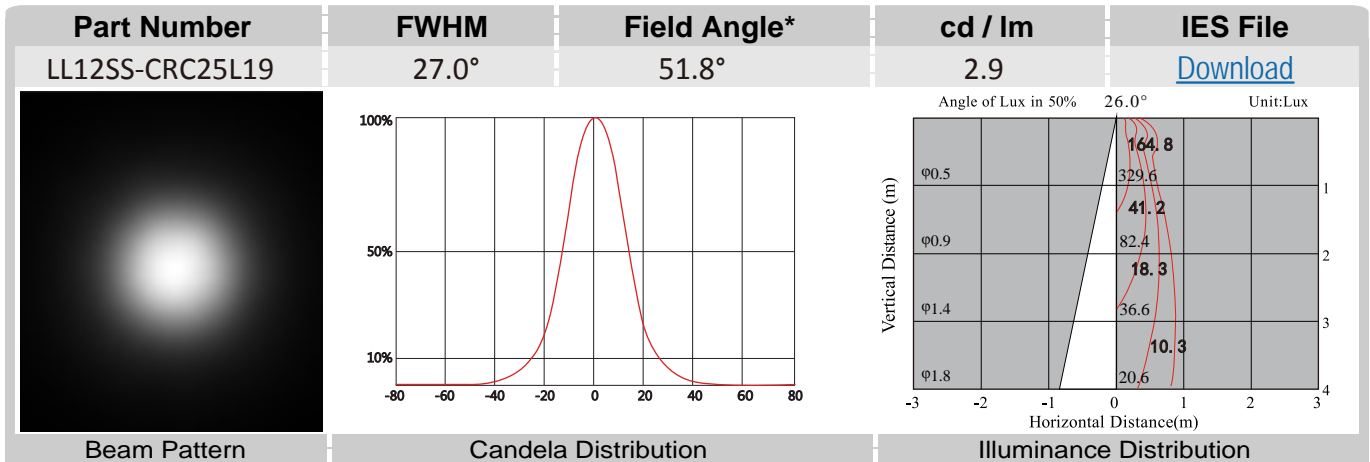
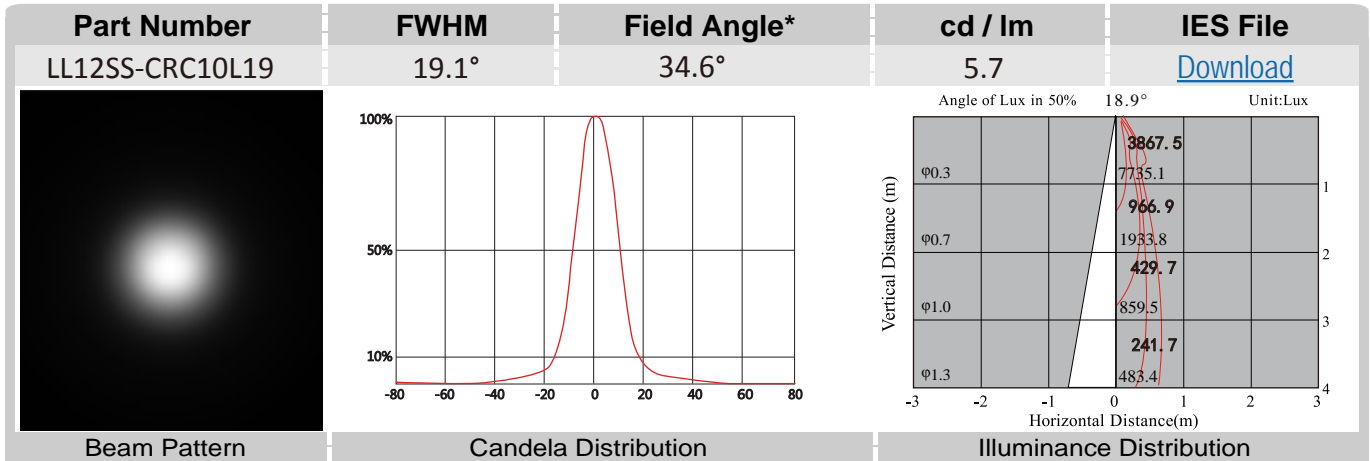
## Product Nomenclature



# LL12SS-CRCxxL19 Optical Specifications



Note: (1) All the results of analysis are based on 0 degrees of elevation.  
 (2) Tolerance:  $\pm 10\%$ .  
 (3) Led Luminous Flux(lm): 112.75( $\pm 5\%$ ).

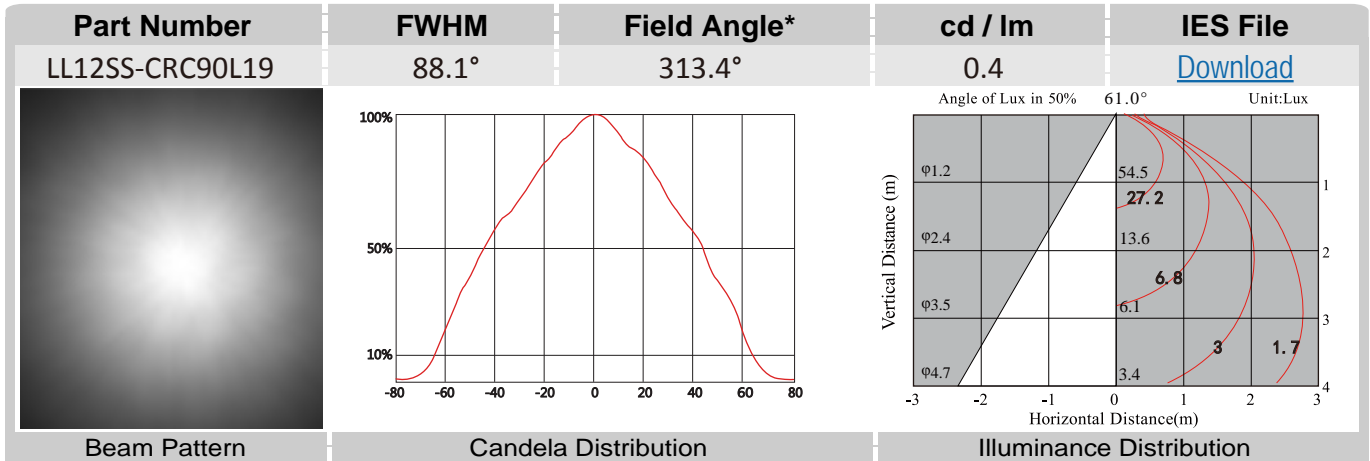


\*The Field Angle is the angle between the two directions opposed to each other over the beam axis for which the luminous intensity is 10% that of the maximum luminous intensity.  
 \*This testing result is obtained through testing the popular rank LED samples which provided by the original manufacturer. Hence, the testing results would be varied as the users choose same LED model but different rank.

# LL12SS-CRCxxL19 Optical Specifications



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# LL12SS-CRCxxL19 Mechanical Specification

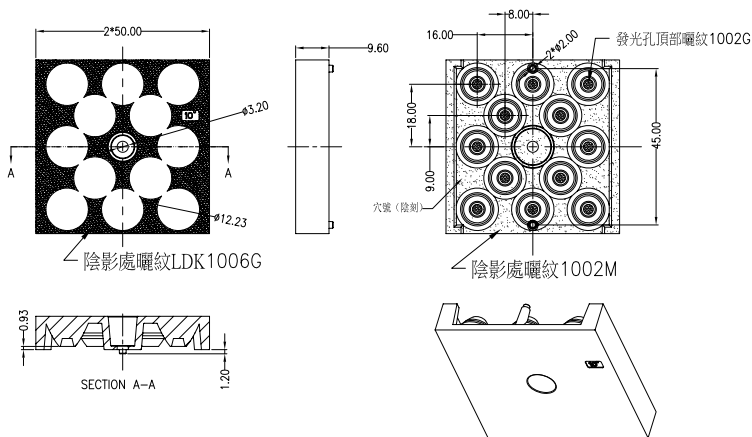
## 1. Fixing method

Glue     
  Screw     
  Tape     
  Fixing-ring     
  Frame

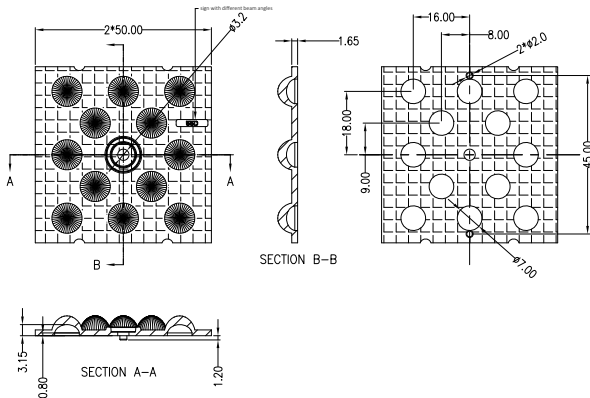
\*Screw : The Maximum tightening torque for centre screw is 0.6Nm, which is mainly screw in for assembly.

## 2. Lens dimension

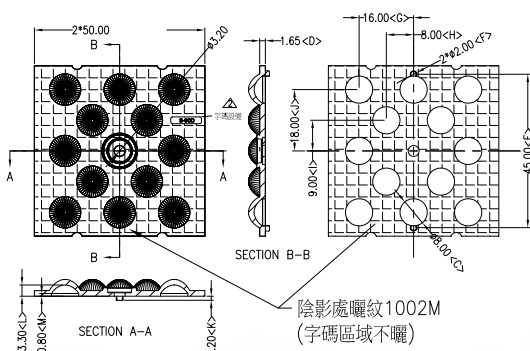
LL12SS-CRC10L19 :



LL12SS-CRC55L19 :

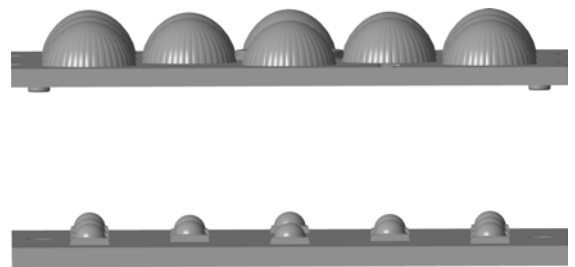


LL12SS-CRC90L19 :



Note: (1)All dimensions are in mm.

## 3. Assembly instruction

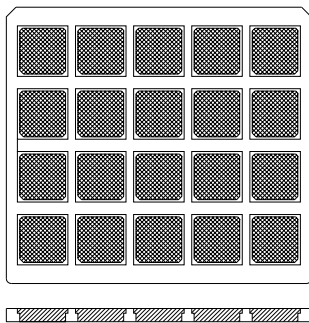


## 5. View assembly lens with LED

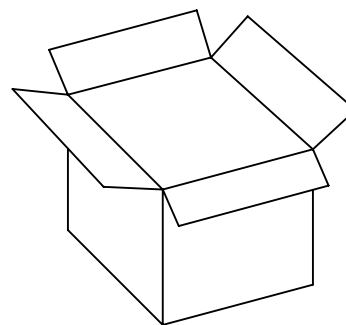
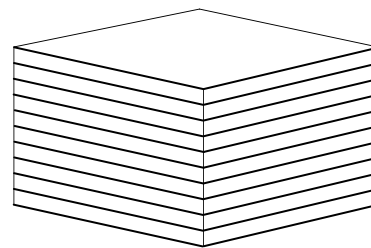


# LL12SS-CRCxxL19 Package Specifications

| Item        | Quantity                | Total    | Size(L*W*H) | G.W   |
|-------------|-------------------------|----------|-------------|-------|
| plastic box | 250 pcs/plastic box     | 250 pcs  |             |       |
| outer box   | 4 plastic box/outer box | 1000 pcs | 40*37*21 cm | 12.9g |



250 pcs/plastic box



1000 pcs/outer box



Note: