

# Data Sheet

## LL01CR-CHQxxL02

**CREE**   
 ▶ LED Solution Provider



CXA1304



### Features & Typical Applications

- High efficiency
- Available with 1 beam angle
- Optimized Uniformity
- Lens with Connector
- Downlight
- Architectural Lighting
- Commercial Lighting

### Table of Contents

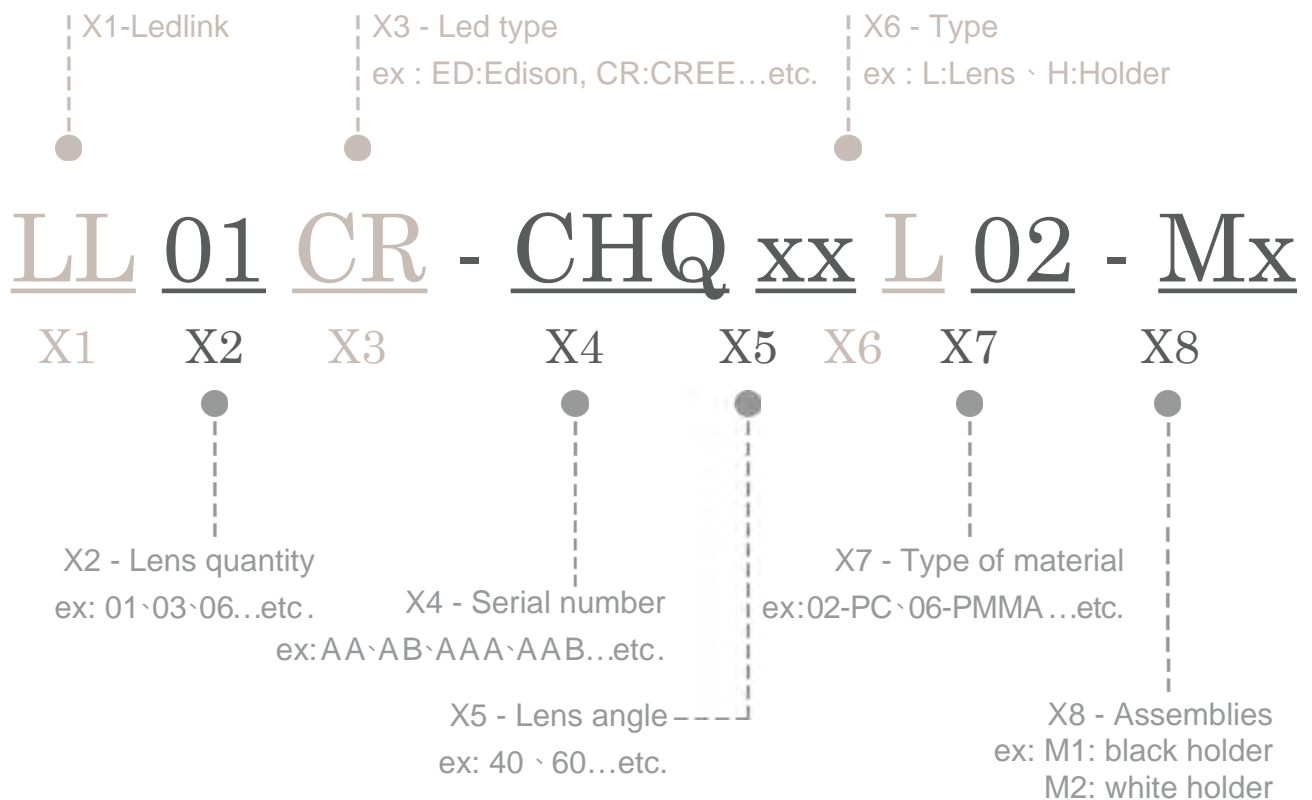
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# LL01CR-CHQxxL02

## General Information

- Lens Material : PC LEV1700
- Connector Material : PBT 4815
- 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%.
- 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



# LL01CR-CHQxxL02

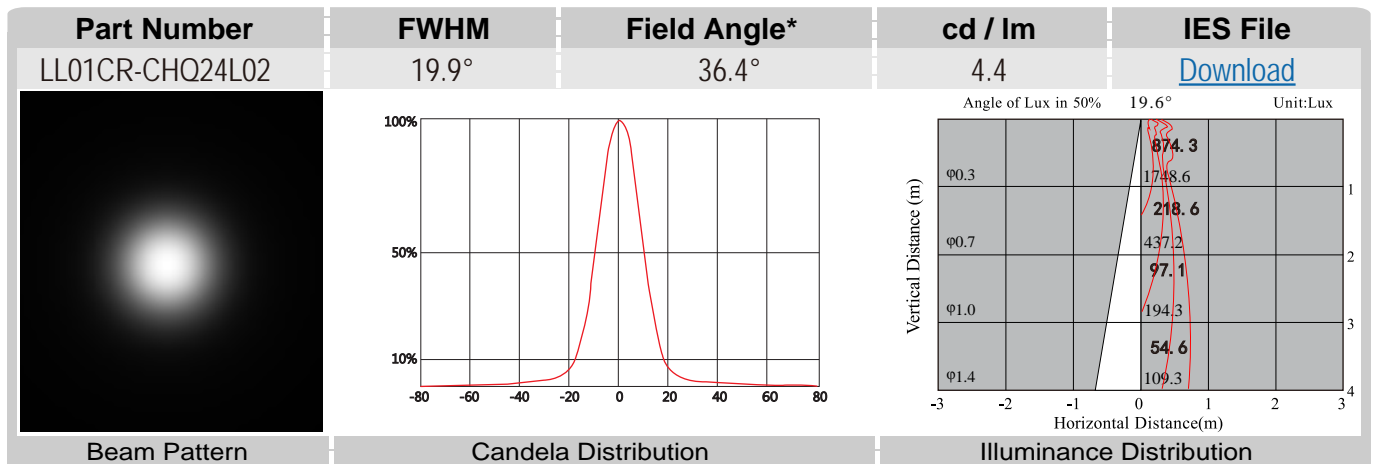
## Optical Specifications

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Note: (1) All the results of analysis are based on 0 degrees of elevation.  
 (2) Tolerance:  $\pm 10\%$ .  
 (3) Led Luminous Flux(lm): 391( $\pm 5\%$ ).



\*LL01CR-CHQ38L02 is coming soon.

\*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.

# LL01CR-CHQxxL02 Mechanical Specification

## 1. Fixing method

☐ Glue

☒ Screw

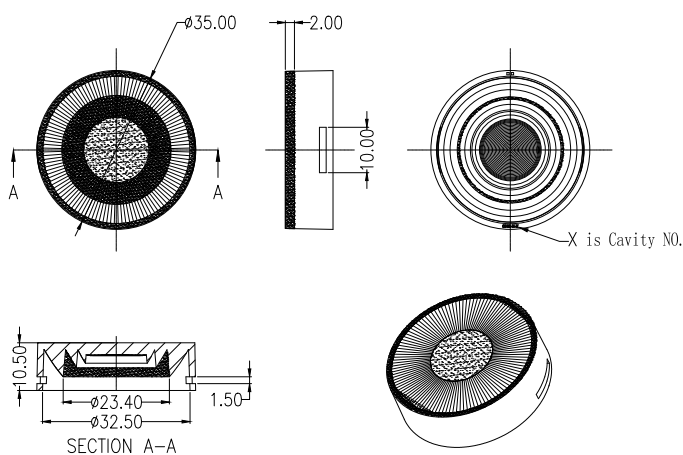
☐ Tape

☒ Fixing-ring

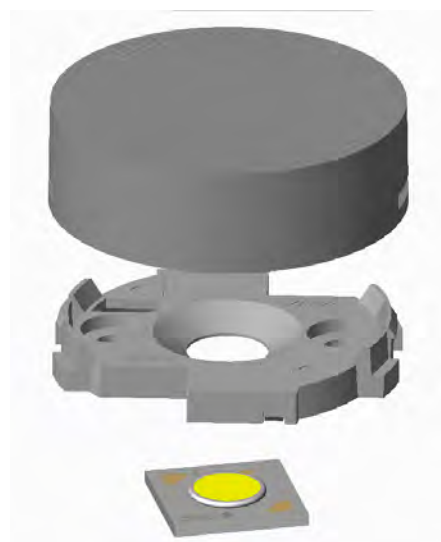
☒ Frame

Note: (1) All dimensions are in mm.  
(2) All tolerance are  $\pm 0.15$  mm unless otherwise specified.

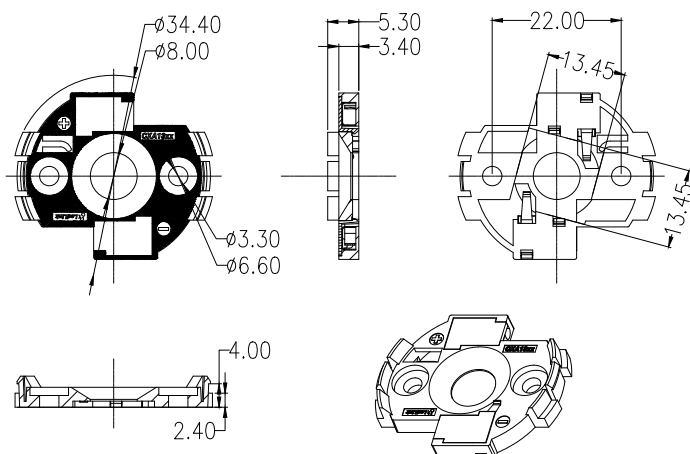
## 2. Lens dimension



## 3. Lens + Connector + Leds assembly instruction



## 4. Connector dimension



Connector part number: LL01A00CZNB2-M2

## 5. View assembly lens with LED:

