

Data Sheet

LL01CR-CENxxL52

CREE 
 ▶ LED Solution Provider



CXA18xx



Features & Typical Applications

- High efficiency
- Available with 5 beam angles
- Optimized Uniformity
- Lens with Holder
- Architectural Lighting
- Commercial Lighting
- Spotlight

Table of Contents

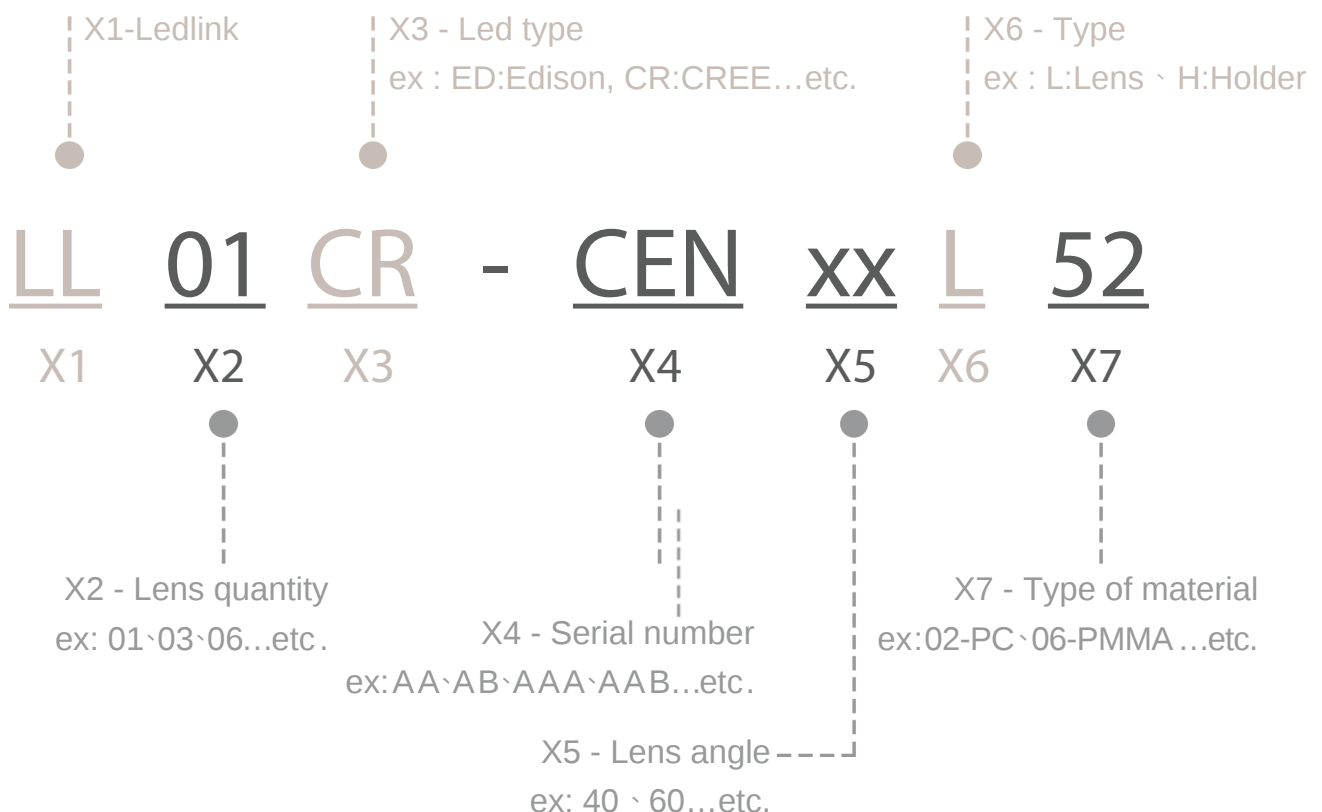
General Information & Product Nomenclature.....	P.2
Optical Specifications	P.3
Mechanical Specifications	P.5
Package Specifications	P.6

LL01CR-CENxxL52

General Information

- Lens Material : PC LUX2180T.
- Connector Material : PBT4815.
- Operating Temperature range $-40^{\circ}\text{C} \sim +110^{\circ}\text{C}$ (upper limit $+120^{\circ}\text{C}$).
- Storage Temperature range $-40^{\circ}\text{C} \sim +110^{\circ}\text{C}$ (upper limit $+120^{\circ}\text{C}$).
 * Average transmittance in visible spectrum $400\text{nm} \sim 700\text{nm} > 90\%$.
- 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-CENxxL52

Optical Specifications

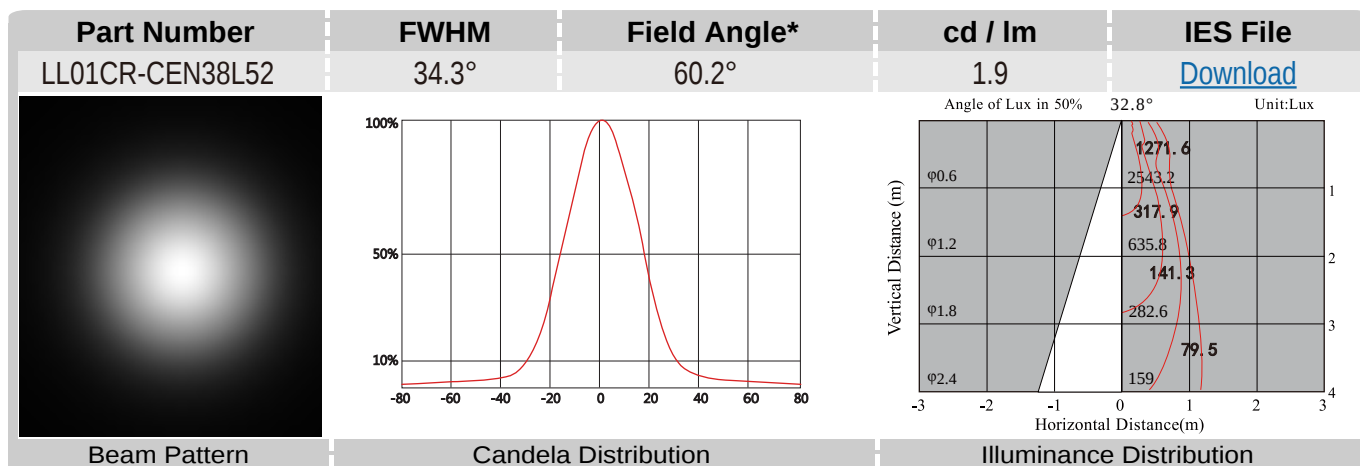
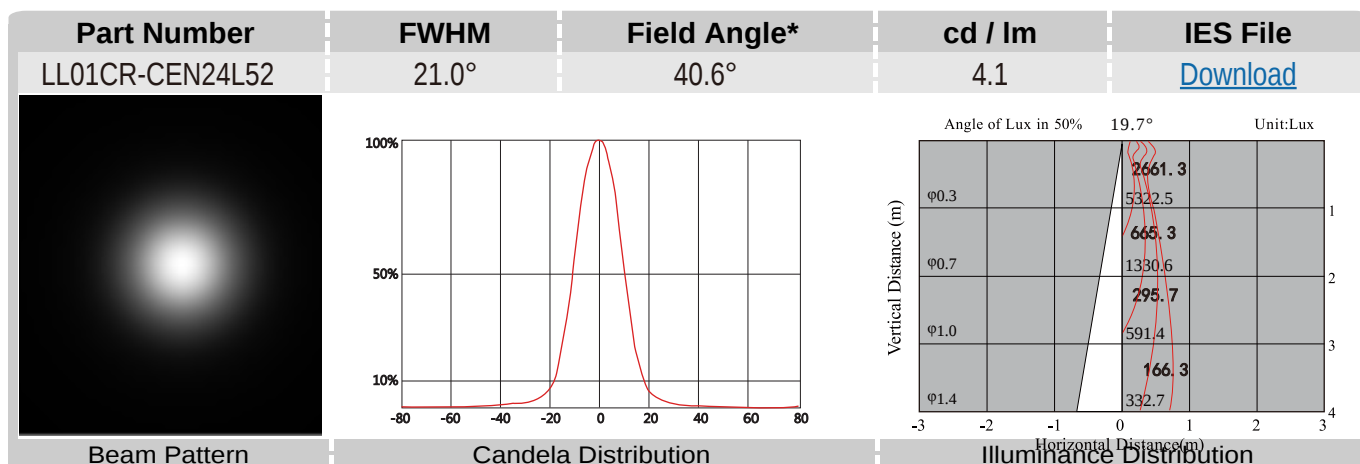
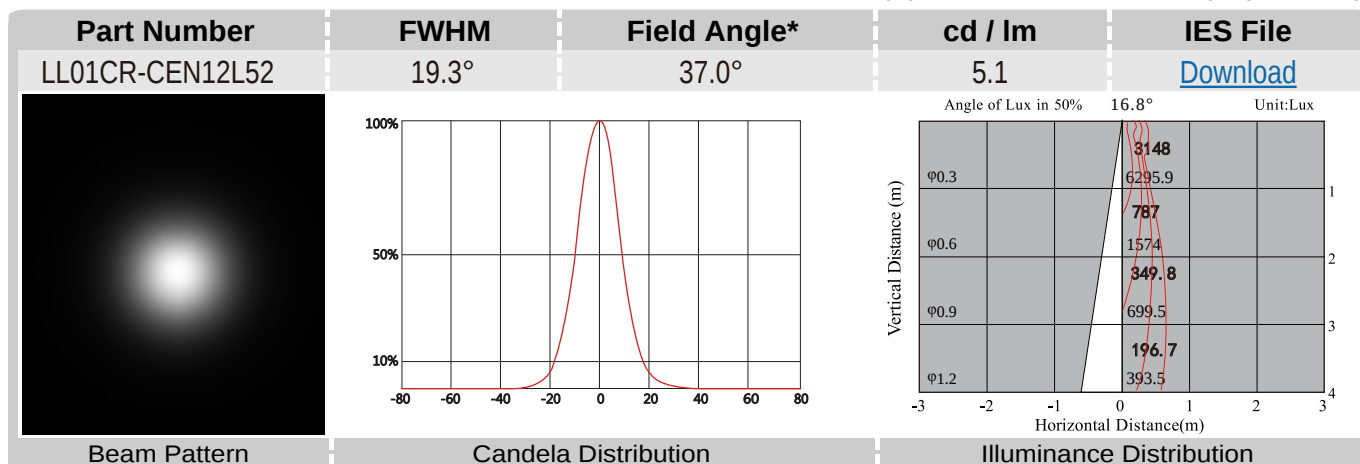


LED Solution Provider



CXA18xx

Note: (1) All the results of analysis are based on 0 degrees of elevation.
 (2) Tolerance: $\pm 10\%$.
 (3) Led Luminous Flux(lm): 1296($\pm 5\%$).



*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.

LL01CR-CENxxL52

Optical Specifications

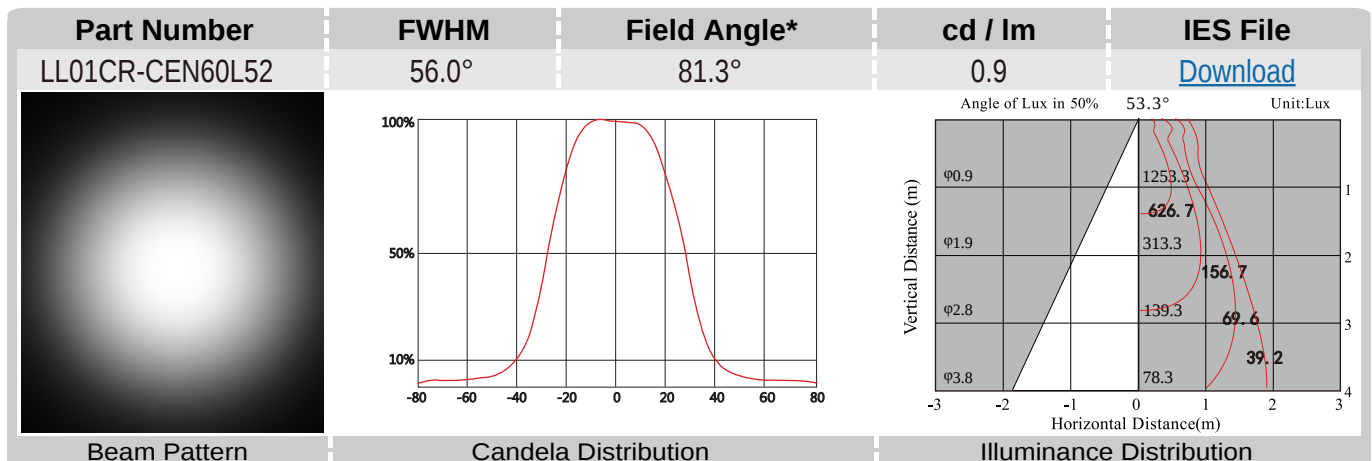
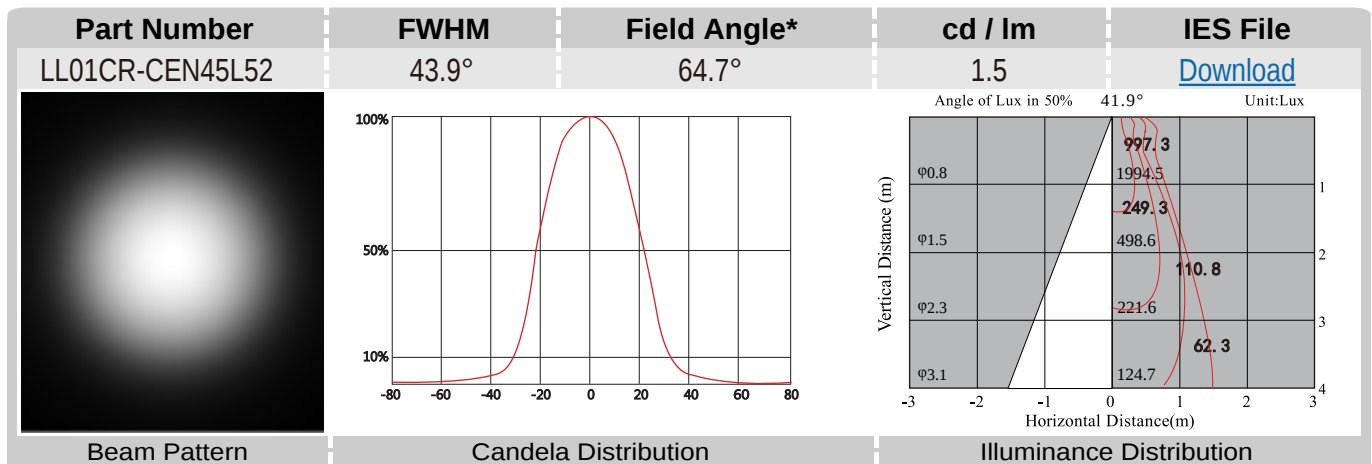


LED Solution Provider



CXA18xx

Note: (1) All the results of analysis are based on 0 degrees of elevation.
(2) Tolerance: $\pm 10\%$.
(3) Led Luminous Flux(lm): 1296($\pm 5\%$).



*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.

LL01CR-CENxxL52

Mechanical Specification

1. Fixing method

☐ Glue

☒ Screw

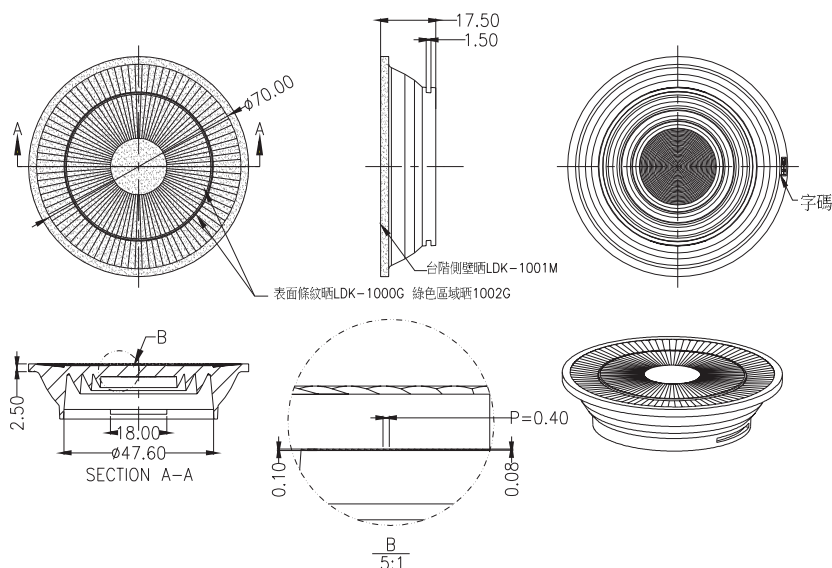
☐ Tape

☒ Fixing-ring

☒ Frame

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

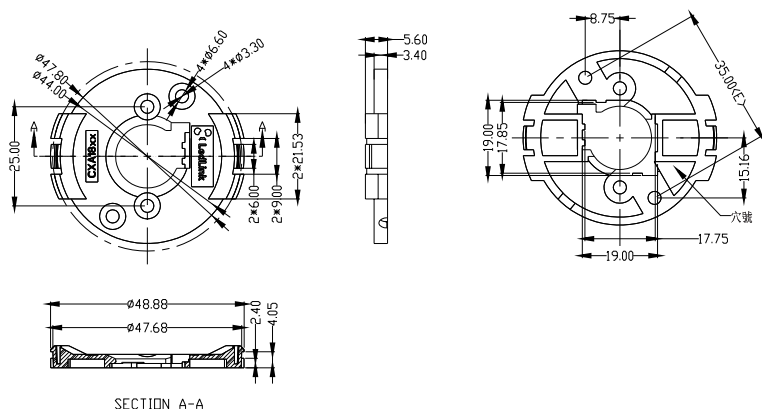
2. Lens dimension



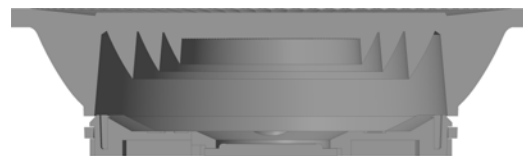
3. Lens + Leds assembly instruction



4. Holder dimension



5. View assembly lens with LED:

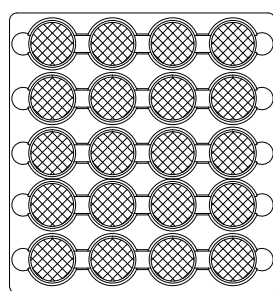


Holder part number: LL01A00CSKB2

LL01CR-CENxxL52

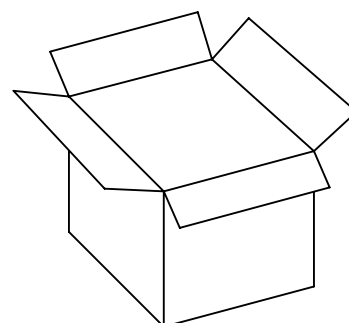
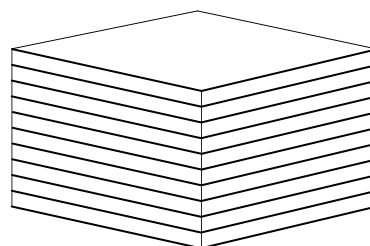
Package Specifications

Item	Quantity	Total	Size(L*W*H)	G.W
plastic box	20 pcs/plastic box	20 pcs	38*26*2.1 cm	28.3g
outer box	90 plastic box/outer box	180 pcs	35*31*21 cm	



LL-0657

20 pcs/plastic box



180 pcs/outer box



Note: