

Data Sheet

LL04CR-CXRxxL52

CREE 
 ▶ LED Solution Provider



■ Features & Typical Applications

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

■ Table of Contents

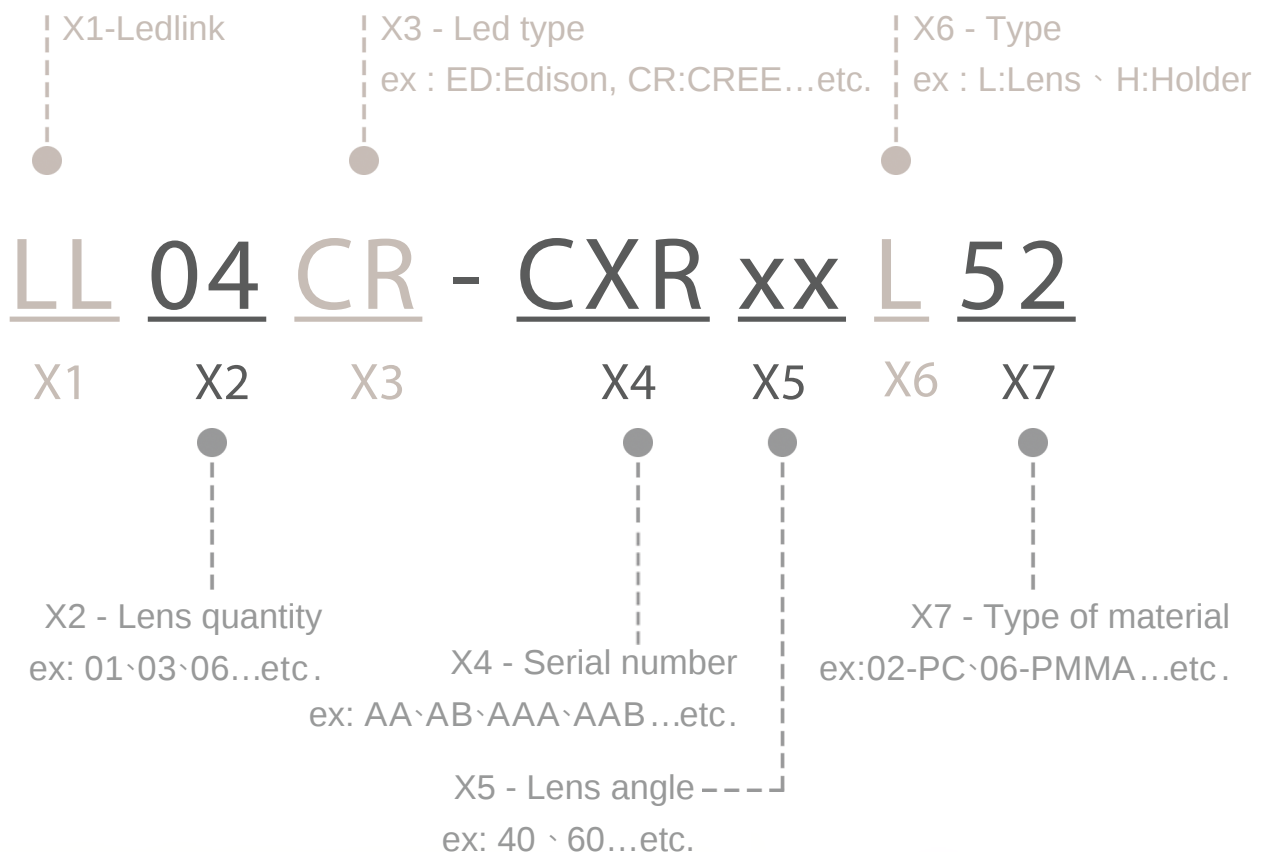
General Information & Product Nomenclature.....	P.2
Optical Specifications	P.3
Mechanical Specifications	P.4
Package Specifications.....	P.5

LL04CR-CXRxxL52

General Information

- Lens Material : PC LUX2180T
- 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



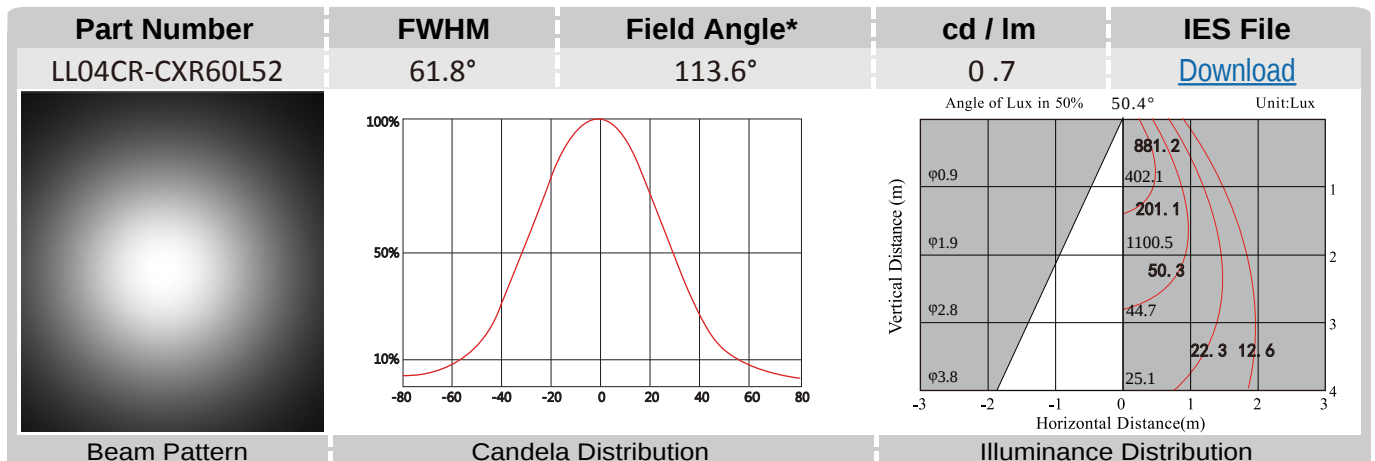
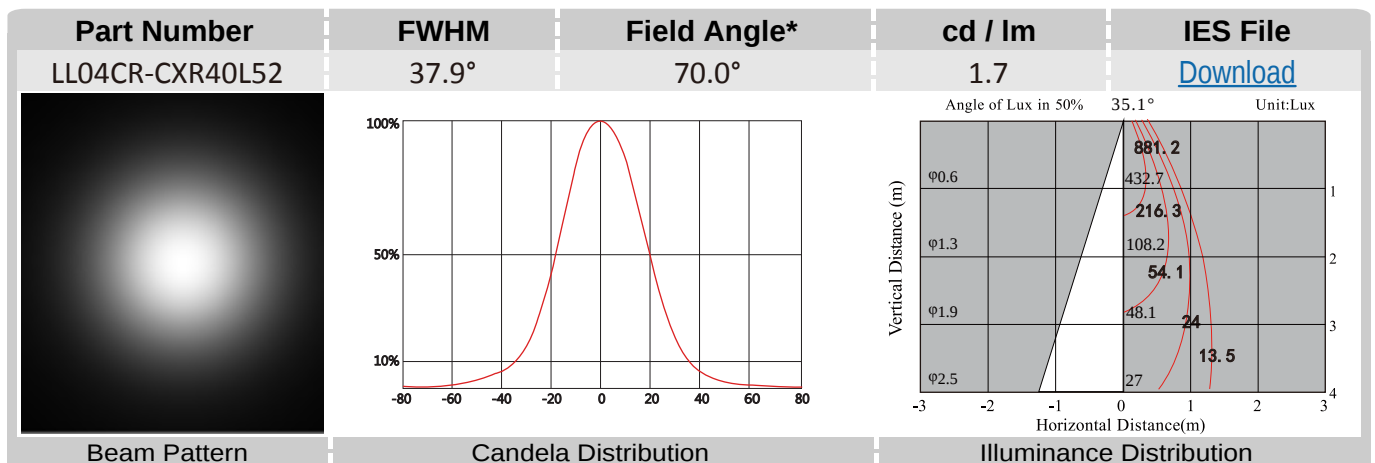
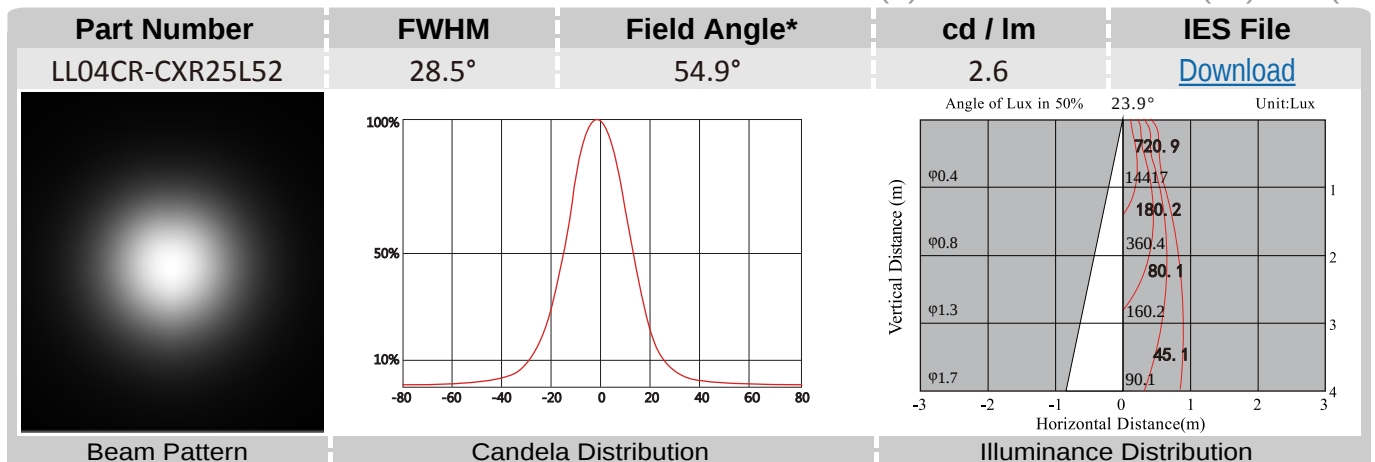
LL04CR-CXRxxL52

Optical Specifications

CREE 
 LED Solution Provider



Note: (1) All the results of analysis are based on 0 degrees of elevation.
 (2) Tolerance: $\pm 10\%$.
 (3) Led Luminous Flux(lm): 252($\pm 5\%$).



*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.

LL04CR-CXRxxL52

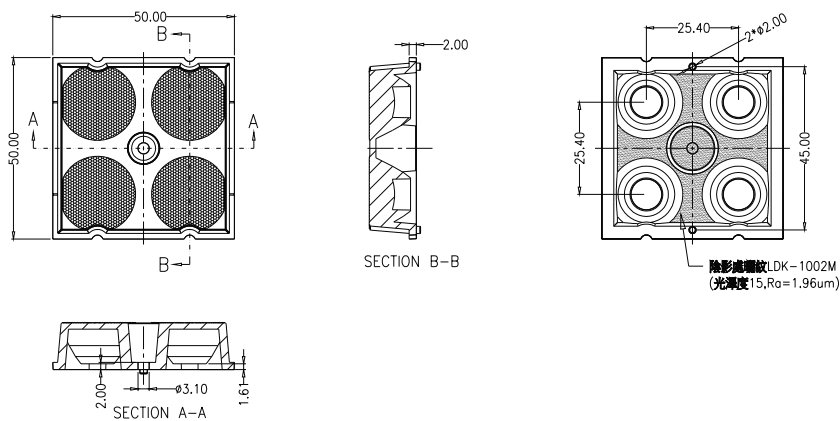
Mechanical Specification

1. Fixing method

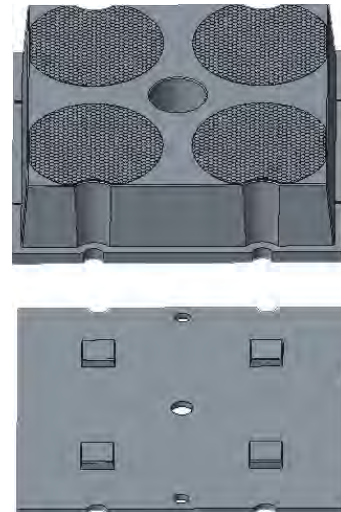
Note: (1) All dimensions are in mm.

☒ Glue
 ☒ Screw
 ☐ Tape
 ☐ Fixing-ring
 ☒ Frame

2. Lens dimension

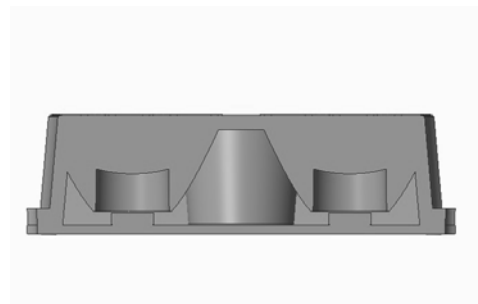


3. Assembly instruction



4. Holder dimension

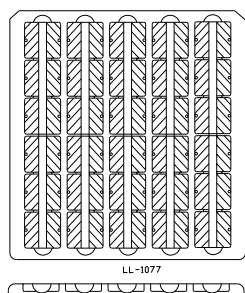
5. View assembly lens with LED:



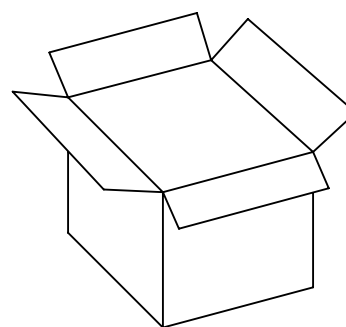
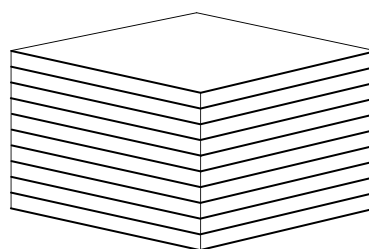
LL04CR-CXRxxL52

Package Specifications

Item	Quantity	Total	Size(L*W*H)	G.W
plastic box	30 pcs/plastic box	30 pcs	38*36*1.6 cm	8g
outer box	13 plastic box/outer box	390 pcs	40*37*21 cm	



30 pcs/plastic box



390 pcs/outer box



Note:

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[LedLink Optics:](#)

[LL04CR-CXR40L52](#)