Data Sheet
LL04CR-CEC09L06

CREE ▶ **LED Solution Provider**

XPE2

▪ Features & Typical Applications

- High efficiency
- Available with 1 beam angle
- Optimized Uniformity
- Lens without Holder

- Architectural Lighting
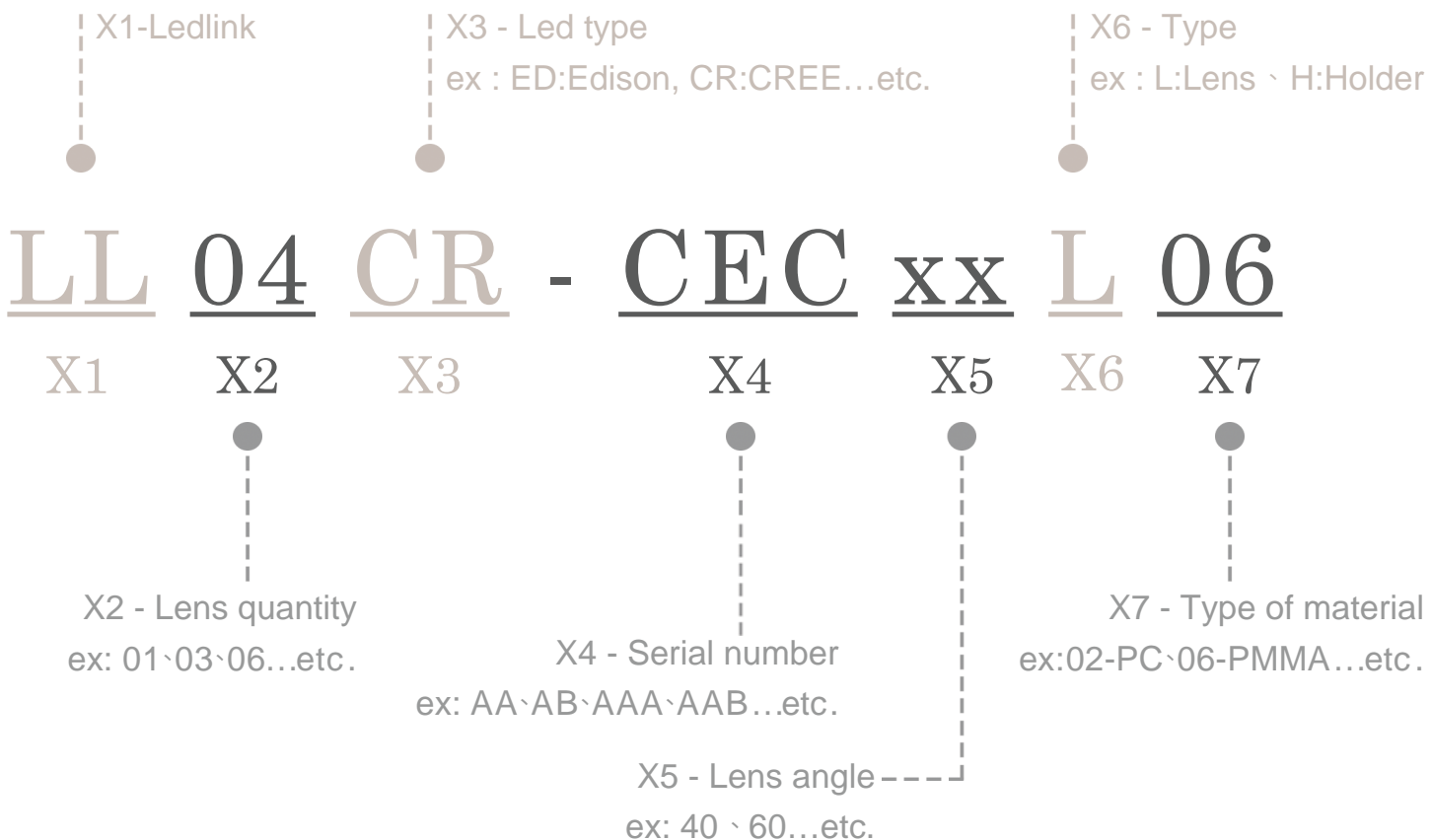- Commercial Lighting
- Spotlight

▪ Table of Contents

LL04CR-CEC09L06

■ General Information

- Lens Material : PMMA 8N.
- Operating Temperature range -40℃~+70℃(upper limit +80℃).
- Storage Temperature range -40℃~+70℃(upper limit +80℃).
  * 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.
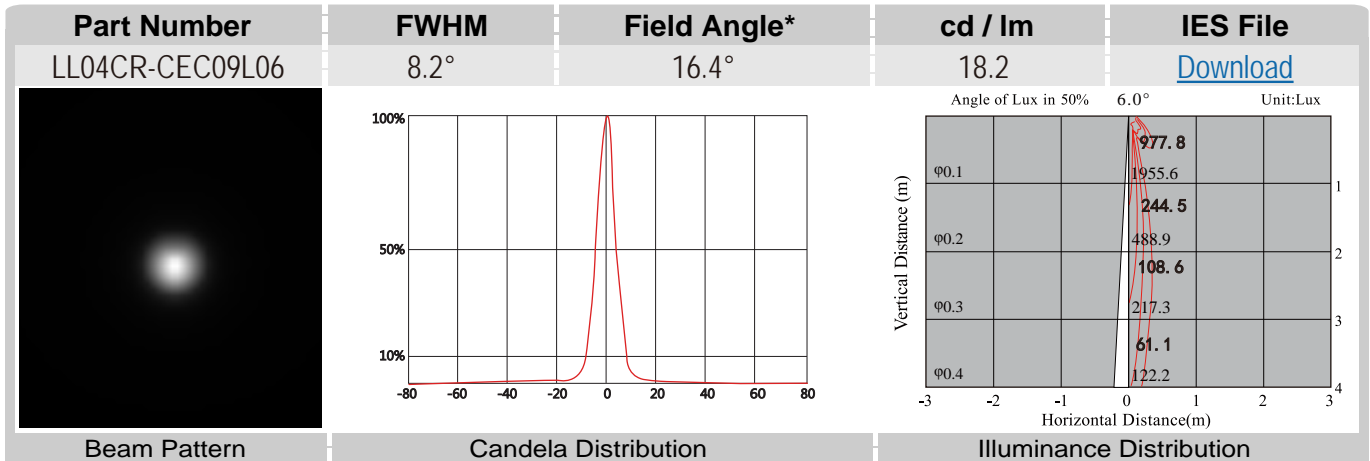
■ Product Nomenclature

X1-Ledlink

X3 - Led type
ex : ED:Edison, CR:CREE…etc.

X6 - Type
ex : L:Lens、H:Holder

LL 04 CR - CEC xx L 06

X1 X2 X3 X4 X5 X6 X7

X2 - Lens quantity
ex: 01、03、06…etc.

X4 - Serial number
ex: AA、AB、AAA、AAB…etc.

X7 - Type of material
ex:02-PC、06-PMMA…etc.

X5 - Lens angle
ex: 40、60…etc.

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XPE2

Note: (1) All the results of analysis are based on 0 degrees of elevation.
(2) Tolerance: ±10%.
(3) Led Luminous Flux(lm): 106.9(±5%).

Part Number	FWHM	Field Angle*	cd / lm	IES File
LL04CR-CEC09L06	8.2°	16.4°	18.2	Download

Beam Pattern	Candela Distribution	Illuminance Distribution

Illuminance Distribution chart:

Angle of Lux in 50%   6.0°   Unit:Lux

- φ0.1: 977.8 / 1955.6
- φ0.2: 244.5 / 488.9
- φ0.3: 108.6 / 217.3
- φ0.4: 61.1 / 122.2

Vertical Distance (m) / Horizontal Distance(m)

*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.

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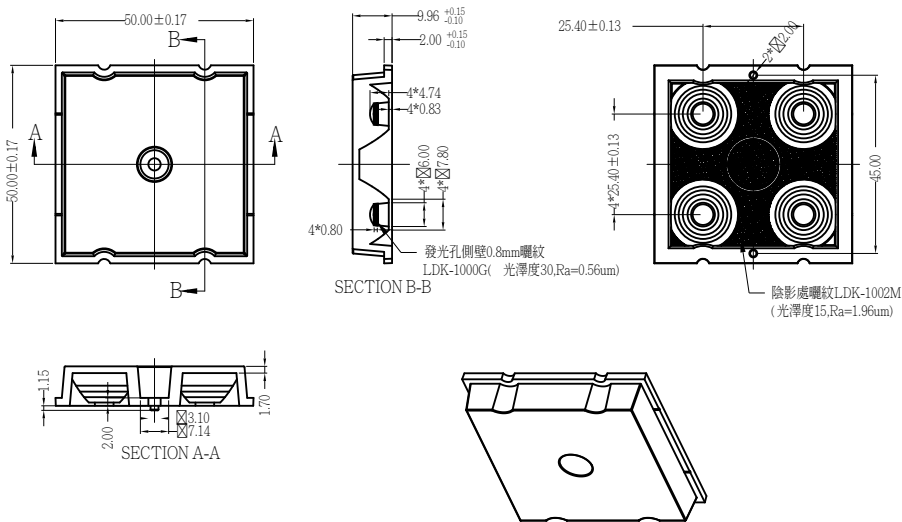# LL04CR-CEC09L06
Mechanical Specification

1.Fixing method

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

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

2.Lens dimension

SECTION B-B

發光孔側壁0.8mm曬紋
LDK-1000G（光澤度30,Ra=0.56um）

陰影處曬紋LDK-1002M
（光澤度15,Ra=1.96um）

SECTION A-A

3. Assembly instruction

4.Holder dimension

5. View assembly lens with LED:

Item	Quantity	Total	Size(L*W*H)	G.W
plastic box	30 pcs/plastic box	30 pcs	38*36*1.6 cm	
outer box	13 plastic box/outer box	390 pcs	40*37*21 cm	13.6g
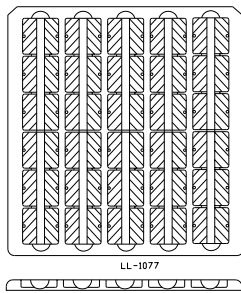
30 pcs/plastic box
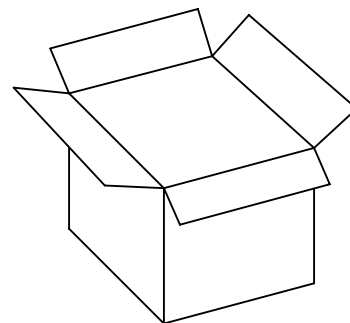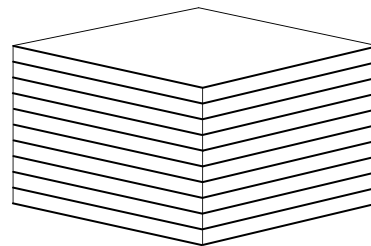
390 pcs/outer box

Note:

X-ON Electronics

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