LedLink
Linking LEDs to The Real World

V1.1_20150430

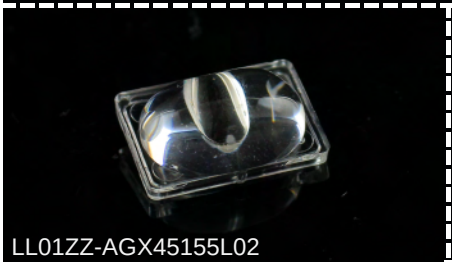
Data Sheet

LL04CR-CFN60155L02

CREE LED Solution Provider

XP-L

Similar Products(Brightness Uniformity, Assymmetry)



LL01ZZ-AGX45155L02

LL04CR-BXJ45155L02

Features & Typical Applications

- High efficiency
- Optimized for uniform effect
- Roadway Lighting

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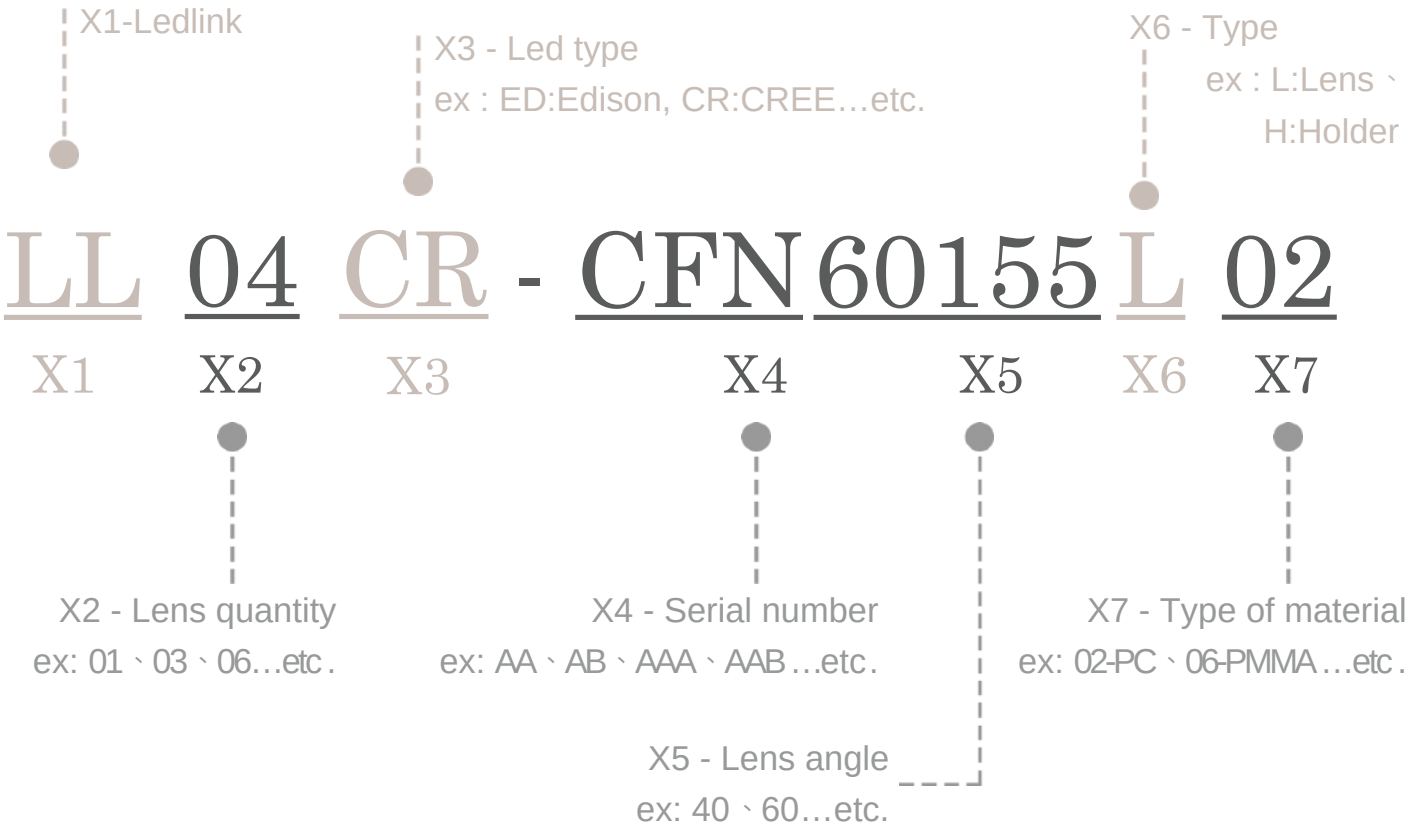
LL04CR-CFN60155L02

General Information

- Lens Material : PC LEV1700
- Operating Temperature range -40℃~+110℃(upper limit +120℃).
- Storage Temperature range -40℃~+110℃(upper limit +120℃).
  * 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



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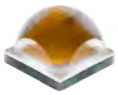
LL04CR-CFN60155L02
Optical Specifications

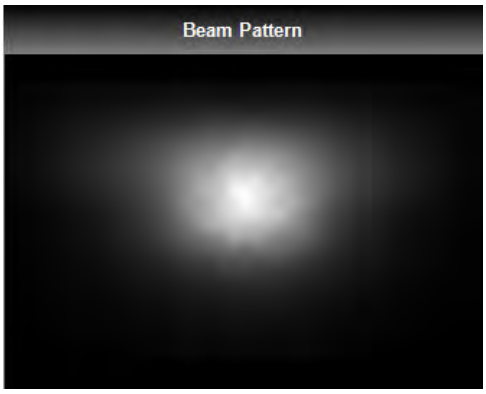
CREE LED Solution Provider

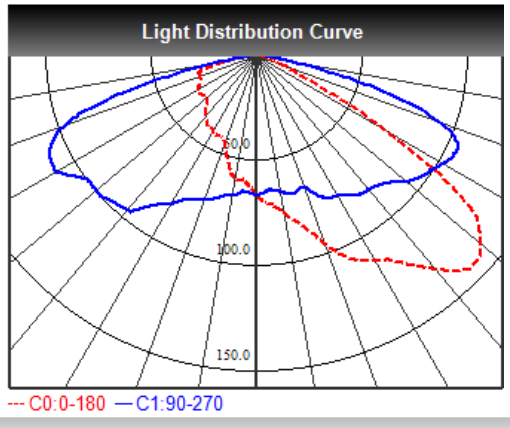

XP-L

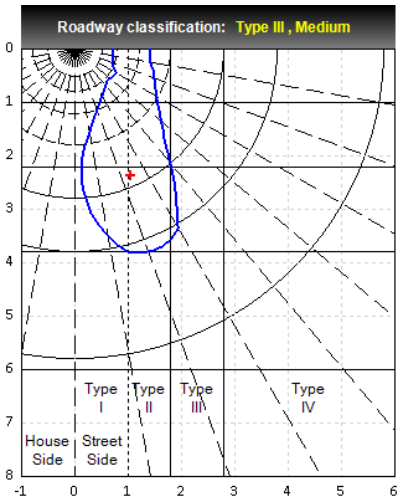
Note: (1) All the results of analysis are based on 10 degrees of elevation.
(2) Tolerance: ±10%.
(3) Led Luminous Flux(lm): 415(±5%).

IES File: Download

@elevation 0°



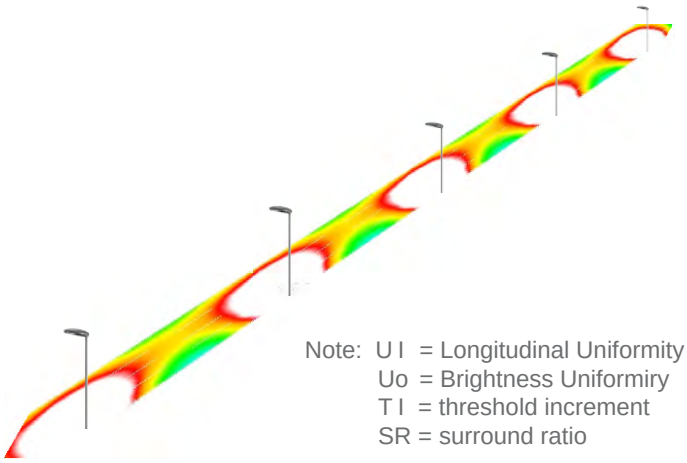




Elevation	Roadway Classification
0°	Type III , Medium
5°	Type III , Medium
10°	Type IV , Medium
15°	Type IV , Medium
20°	Type IV , Long

DIALux Simulation Result

Analyzed file: Download



Note: U I = Longitudinal Uniformity
Uo = Brightness Uniformity
T I = threshold increment
SR = surround ratio

Recommend configuration condition		
Height	=	10m
Distance	=	40m
Roadwidth	=	14m
Elevation	=	0degree
Overhang	=	1m

Result		
UI	=	0.7
Uo	=	0.4
TI	=	14%
SR	=	0.6

***The results would be similar if the configuration conditions are equally magnified or minified.**

***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.**

***The analyzed file reqire DIALux v4.11 and above to open.**

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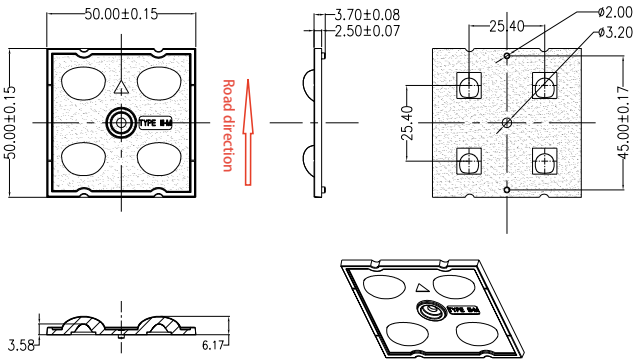
Mechanical Specification

1.Fixing method

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

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

2.Lens dimension



3. Lens + Leds + MCPCB assembly instruction

4.Assembly dimension

5. View assembly lens with MCPCB:

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