

Data Sheet

LL01CR-FT60135L02



Xlamp XP-G



Similar Products(Illuminance Uniformity, Symmetry)



LL01CR-OG85150L02



LL01CR-KM6090L02



Features & Typical Applications

- High efficiency
- Optimized for uniform effects
- Street Lights



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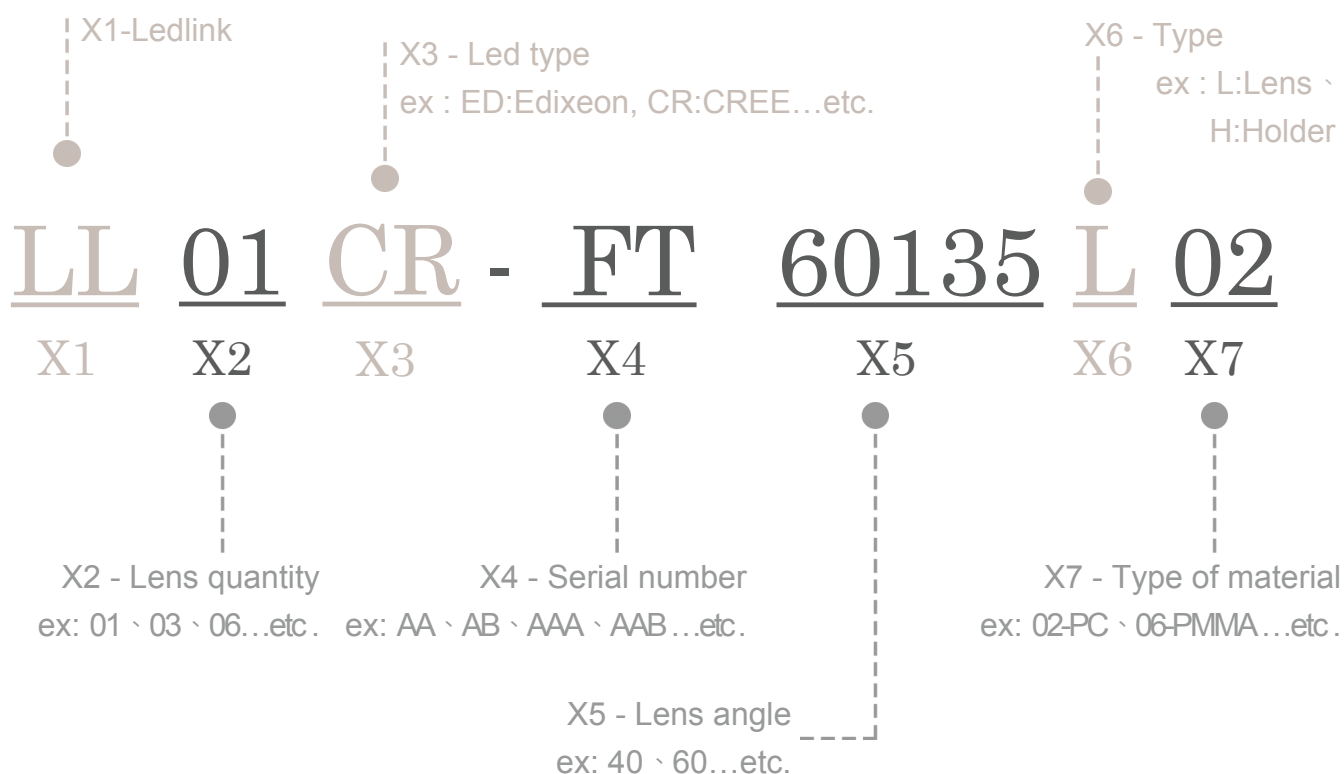
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LL01CR-FT60135L02

General Information

- Lens Material Optical Grade PC
- 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-FT60135L02

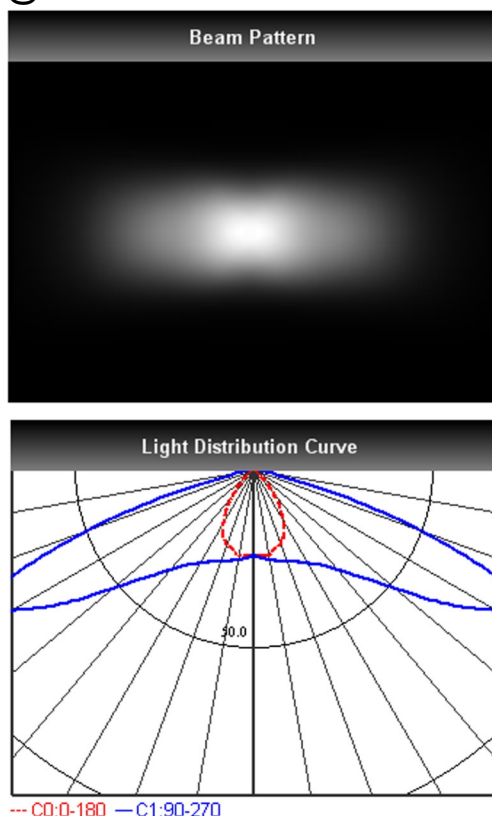
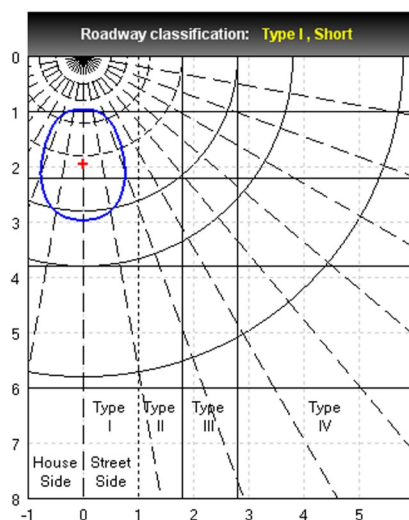
Optical Specifications



Note: (1) All the results of analysis are based on 0 degrees of elevation.
 (2) Tolerance: $\pm 10\%$.
 (3) Led Luminous Flux(lm): 111($\pm 5\%$).

IES File: [Download](#)

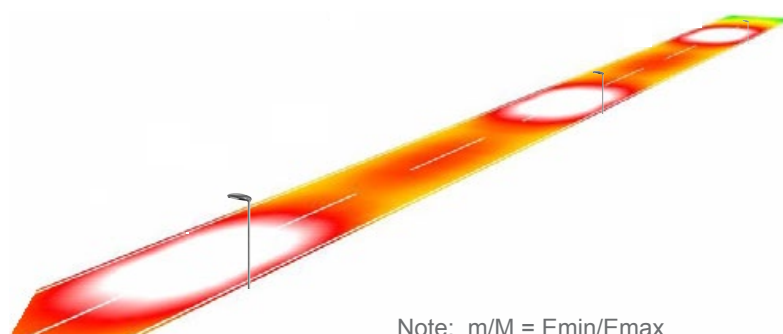
@elevation 0°



Elevation	Roadway Classification
0°	Type I, Short
5°	Type I, Short
10°	Type II, Short
15°	Type II, Short
20°	Type II, Short

DIALux Simulation Result

Analyzed file: [Download](#)



Note: $m/M = E_{min}/E_{max}$
 E_{uo} = Illuminance uniformity
 TI = threshold increment
 SR = surround ratio

Recommend configuration condition

Height	=	10m
Distance	=	35m
Roadwidth	=	7m
Elevation	=	0degree
Overhang	=	3.5m

Result

m/M	=	0.6
E_{uo}	=	0.8
TI	=	8%
SR	=	0.7

*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 require DIALux v4.10 and above to open.

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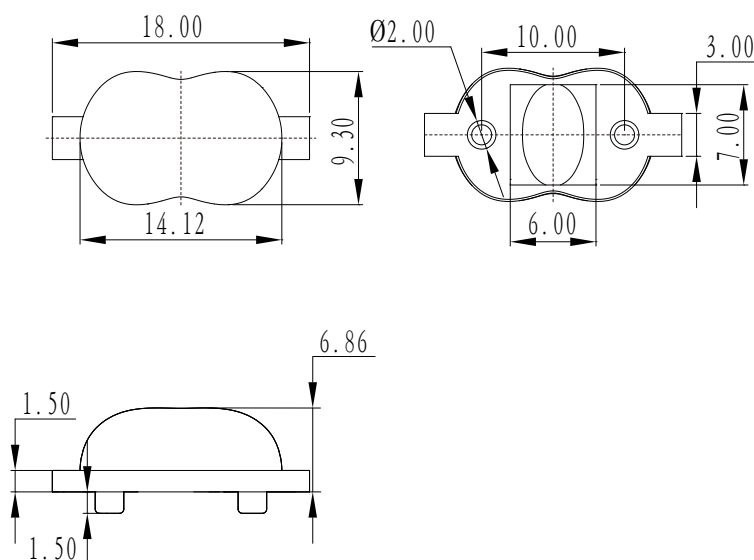
Mechanical Specification

1. Fixing method

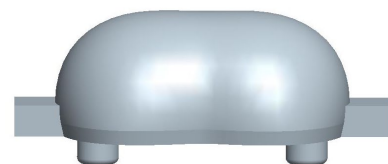
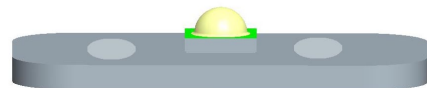
Note: (1) All dimensions are in mm.
 (2) All measurements are ± 0.15 mm unless otherwise indicated.

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

2. Lens dimensions

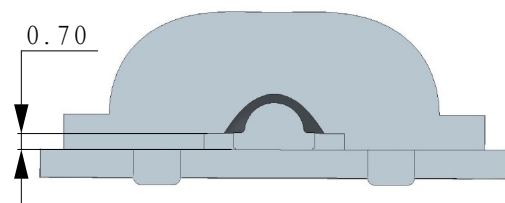


3. Lens + Leds + MCPCB assembly instruction



4. Lens assembly dimensions

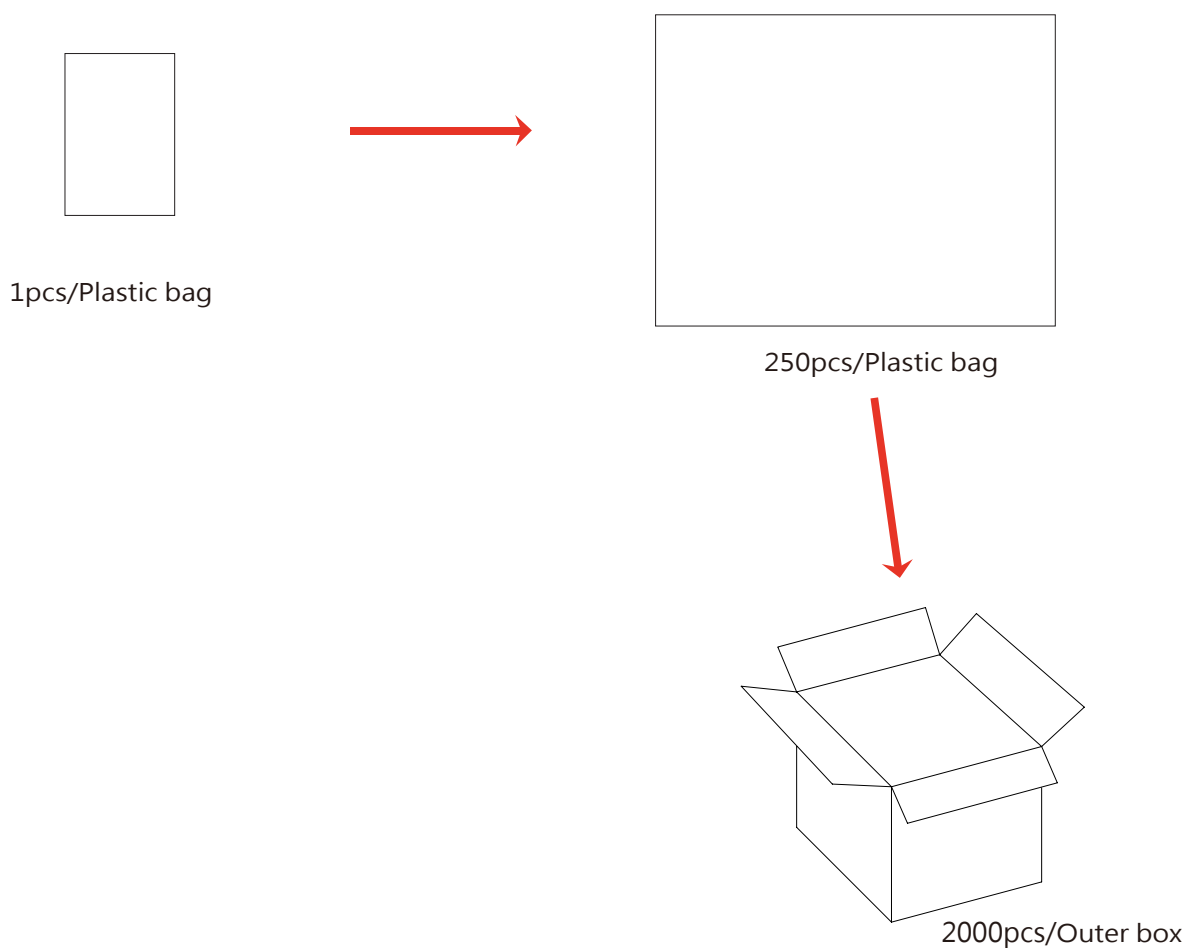
5. View assembly lens with MCPCB:



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Package Specifications

Item	Quantity	Total	Size(L*W*H)	G.W
Inside the bag	1 pcs/plastic bag	1 pcs	10*4 cm	1.0g
Outer bag	250 pcs/plastic bags	250 pcs	50*42 cm	
Outer box	2000 pcs/box	2000 pcs	40*37*21 cm	



Note: