LedLink
Linking LEDs to The Real World

V1.1_201409022

Data Sheet

LL14CR-AOC65150L02

CREE LED Solution Provider

Xlamp XT-E

Similar Products(Brightness Uniformity, Assymmetry, Elevation needed)

LL01LU-UQ70140L02

LL30CR-PT60140L02

Features & Typical Applications

- High efficiency
- Optimized for uniform effect
- Roadway Lighting
- Anti-glare

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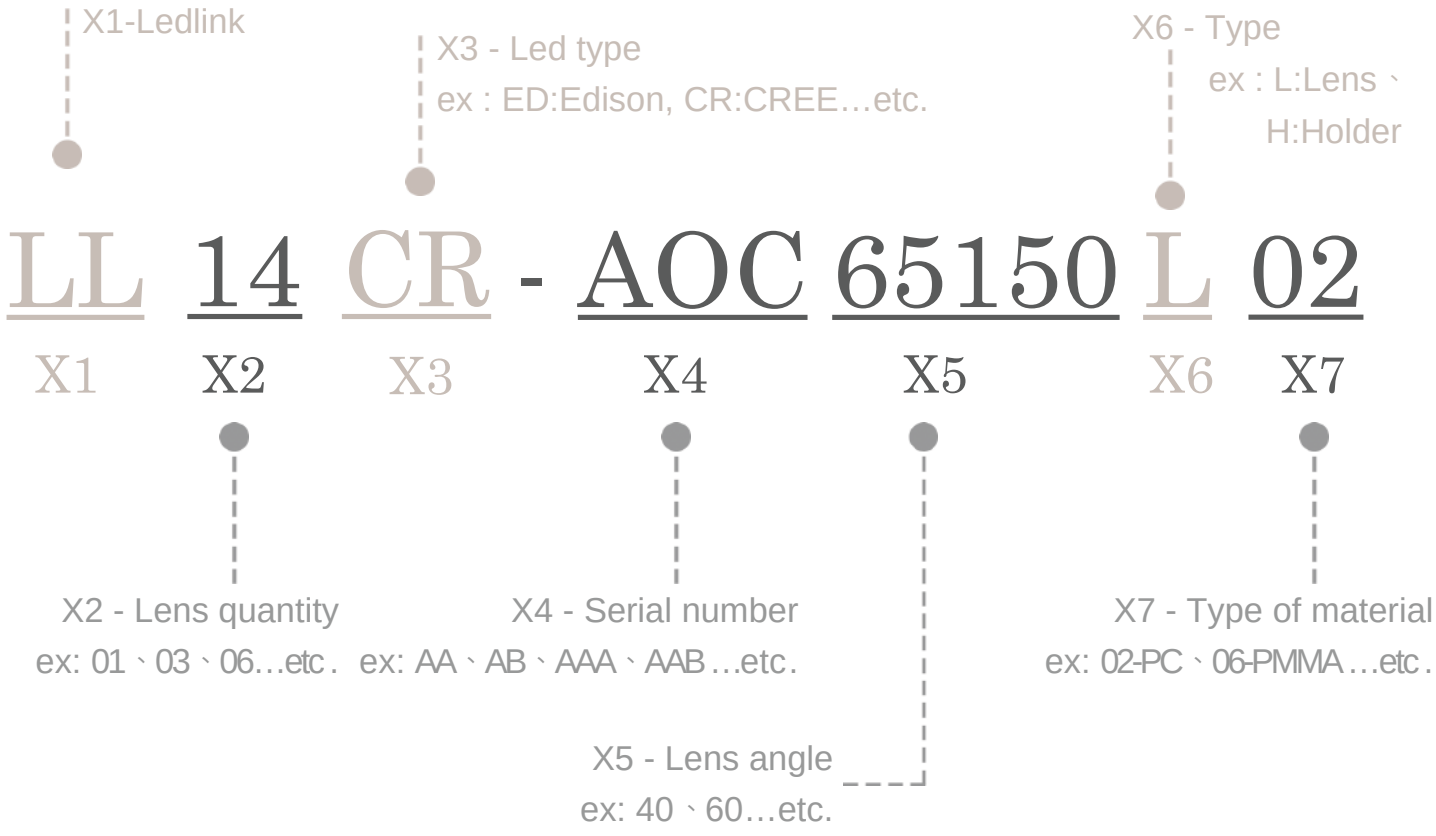
LL14CR-AOC65150L02

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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Optical Specifications

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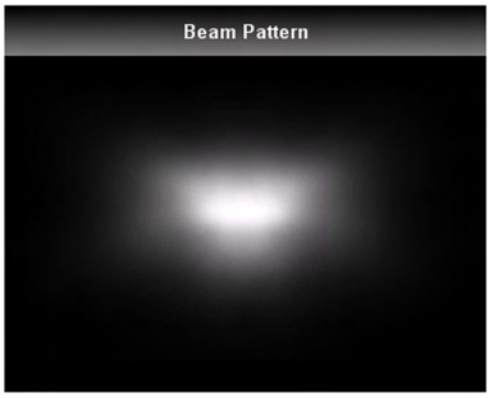
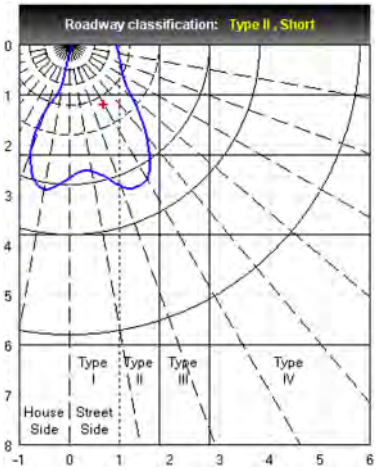
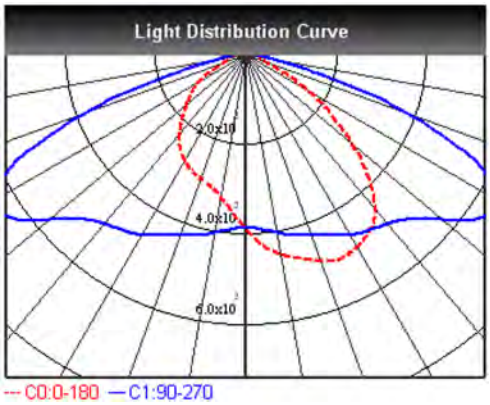
Note: (1) All the results of analysis are based on 10 degrees of elevation.
(2) Tolerance: ±10%.
(3) Led Luminous Flux(lm): 135(±5%).

IES File: Download

@elevation 0°



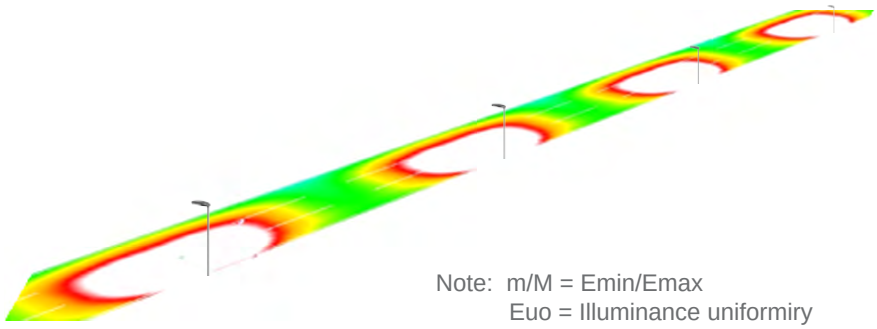




Elevation	Roadway Classification
0°	Type II , Short
5°	Type III , Short
10°	Type III , Short
15°	Type III , Short
20°	Type IV , Short

DIALux Simulation Result

Analyzed file: Download



Note: m/M = Emin/Emax
Euo = Illuminance uniformiry
TI = threshold increment
SR = surround ratio

Recommend configuration condition		
Height	=	10m
Distance	=	35m
Roadwidth	=	10.5m
Elevation	=	0degree
Overhang	=	1m

Result		
m/M	=	0.3
Euo	=	0.5
UI	=	0.6
Uo	=	0.4
TI	=	9%
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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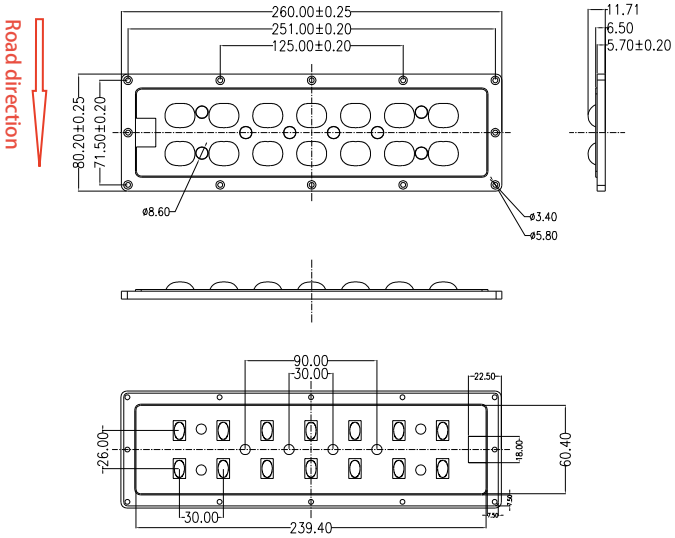
Mechanical Specification

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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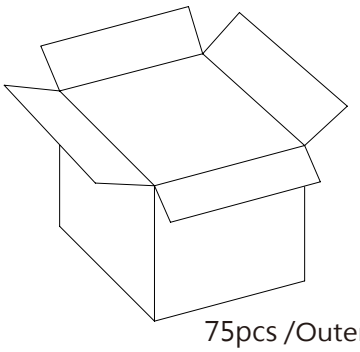
Package Specifications

Item	Quantity	Total	Size(L*W*H)	G.W
Plastic film	1pcs/Plastic film	1pcs	26*8.02*1.17cm	91g
Outer layer	5pcs/Layer	5pcs		
Outer box	15 layer/Outer box	75pcs	40*37*21 cm	

1 pcs/Plastic film

5 pcs/Layer
Each layer separated by card board



75pcs /Outer box

Note:

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