LL01CR-PB70140L02

General Information

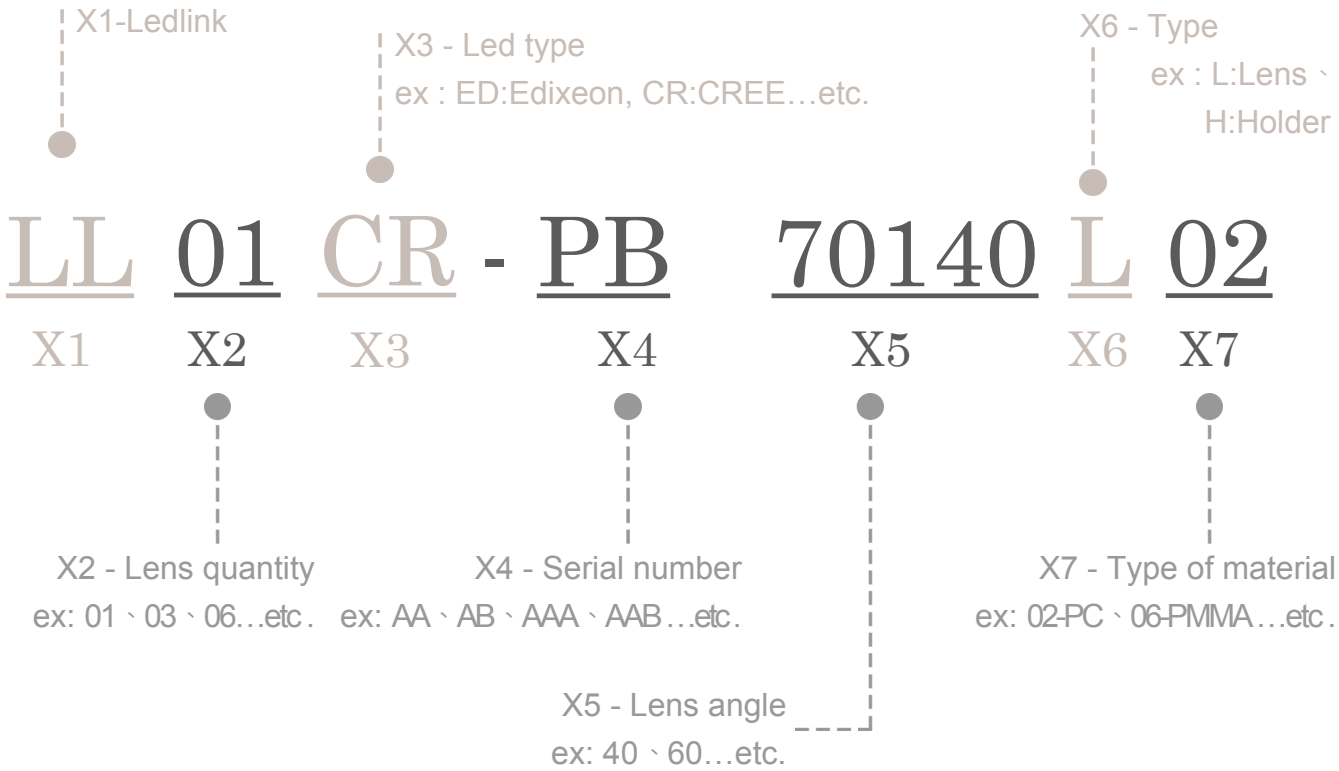
- Lens Material Optical Grade PC
- Operating Temperature range -40℃~+110℃(upper limit +120℃)
- Storage Temperature range -40℃~+110℃(upper limit +120℃)

  * 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

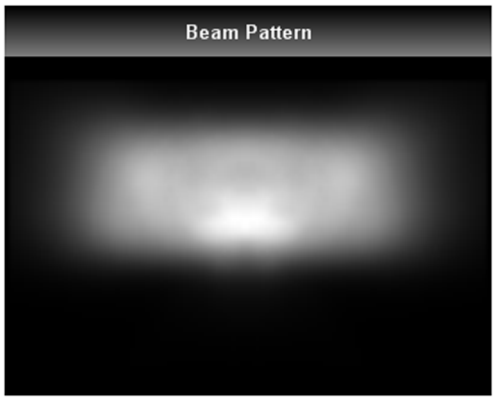
CREE

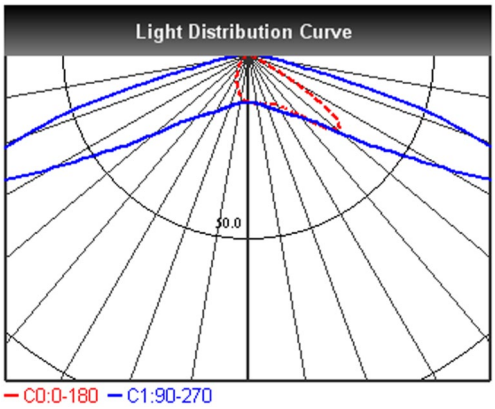
Xlamp XP-G

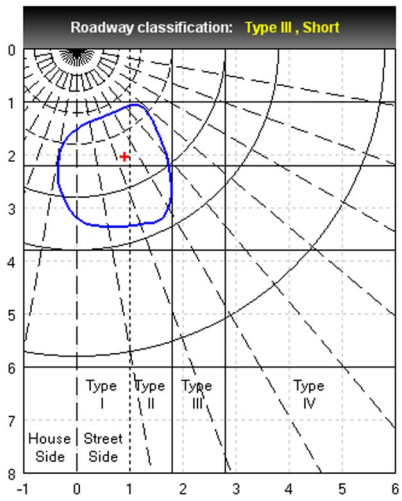
Note: (1) All the results of analysis are based on 15 degrees of elevation
(2) Tolerance: ±10%

IES File: Download

@elevation 15°







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

DIALux Simulation Result

Analyzed file: Download

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

Recommend configuration condition		
Height	=	10m
Distance	=	40m
Roadwidth	=	14m
Elevation	=	15degree
Overhang	=	2m

Result		
m/M	=	0.6
Euo	=	0.8
TI	=	22%
SR	=	0.5

*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 v4.10 and above to open.

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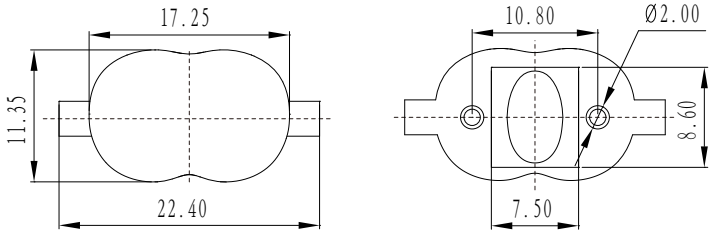
Mechanical Specification

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

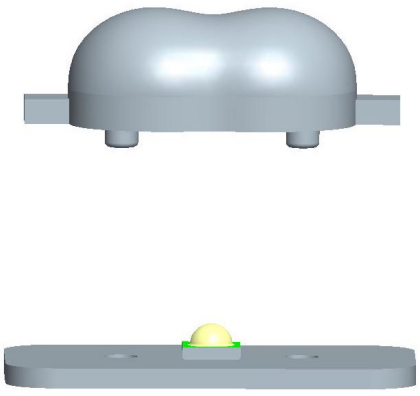
1.Fixing method

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

2.Lens dimensions

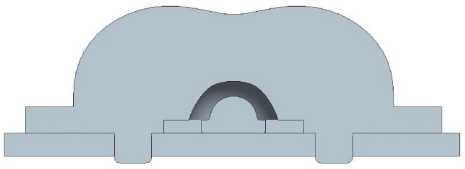


3. Lens + Leds + MCPCB assembly instruction



4.Lens assembly dimensions

4. View assembly lens with MCPCB:



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