LedLink
Linking LEDs to The Real World

V1.2_20170503

Data Sheet

LL01CR-BLUxxL06-M2-T

CREE
LED Solution Provider

Xlamp XP-E



Features & Typical Applications

- High efficiency
- Available with 2 beam angles
- Optimized Uniformity
- Lens with Holder
- Spotlight

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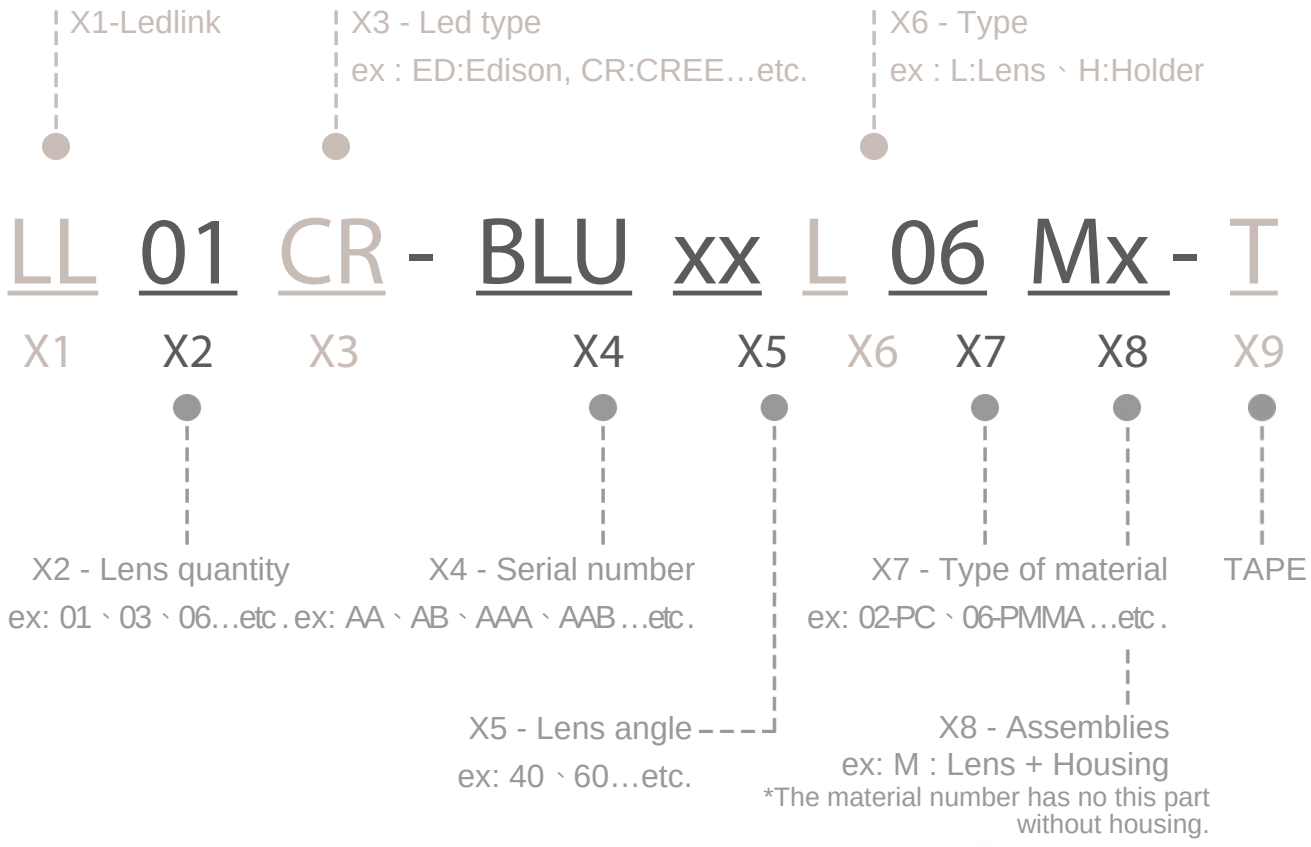
LL01CR-BLUxxL06-M2-T

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.

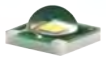
Product Nomenclature



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Optical Specifications

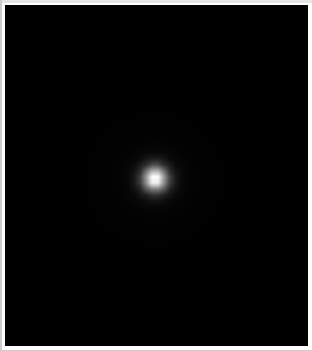
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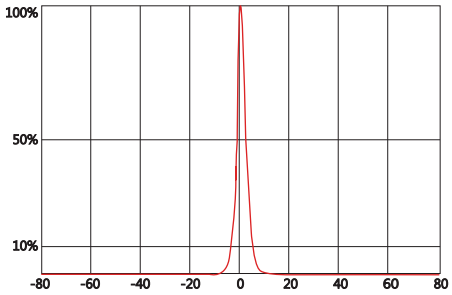
XIamp XP-E

Note: (1) All the results of analysis are based on 0 degrees of elevation.
(2) Tolerance: ±10%.
(3) Led Luminous Flux(lm): 93(±5%).

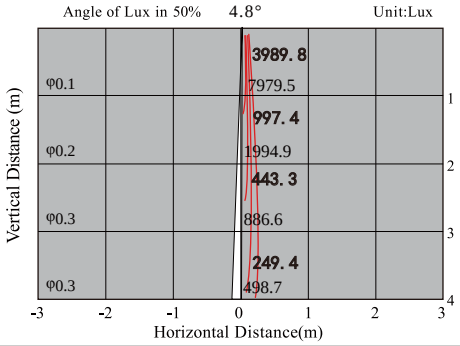
Part Number	FWHM	Field Angle*	cd / lm	IES File
LL01CR-BLU03L06-M2-T	4.1°	8.9°	85.8	Download



Beam Pattern

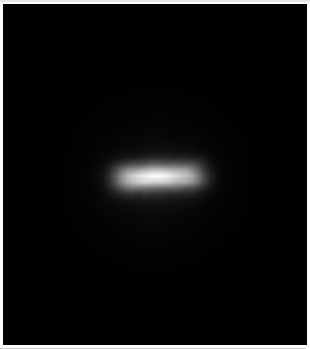


Candela Distribution

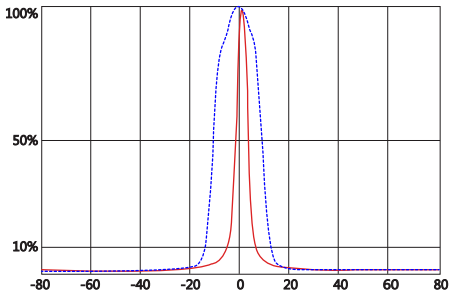


Illuminance Distribution

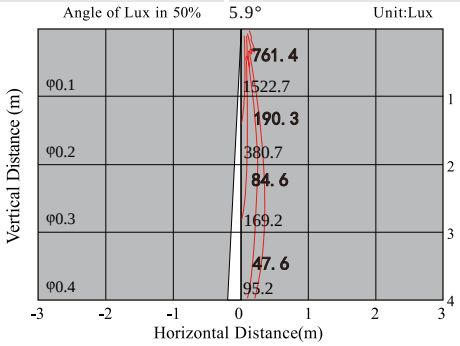
Part Number	FWHM	Field Angle*	cd / lm	IES File
LL01CR-BLU0520L06-M2-T	4.9° / 19.5°	10.9° / 26°	19.1	Download



Beam Pattern



Candela Distribution



Illuminance Distribution

*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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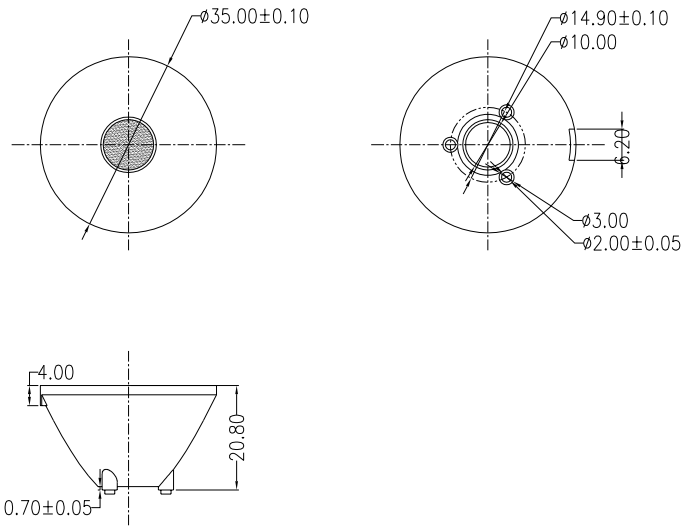
LL01CR-BLUxxL06-M2-T
Mechanical Specification

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

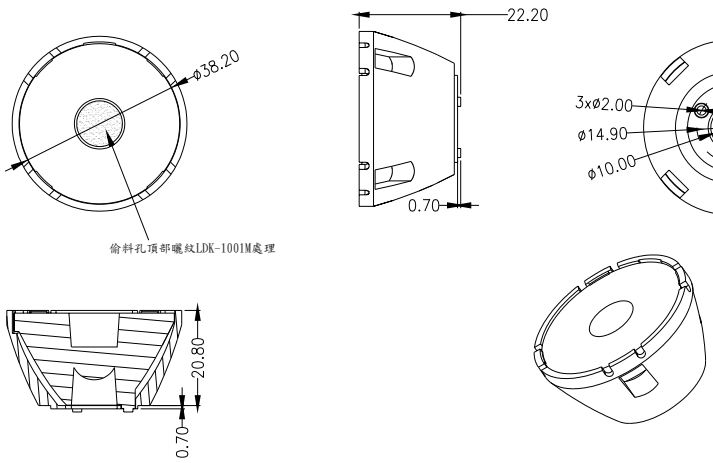
2.Lens dimension



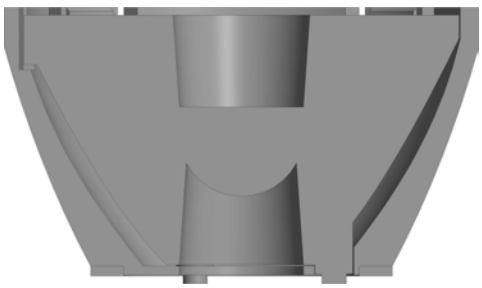
3. Lens +Holder+Tape assembly instruction



4.Holder dimension



5. View assembly lens with Holder/Tape:

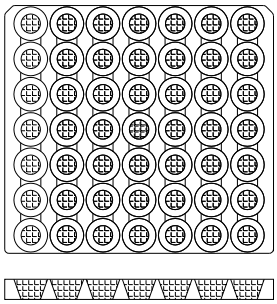


Holder part number : LL01CRVZ05H2
Tape part number : LL01A00AYTX2

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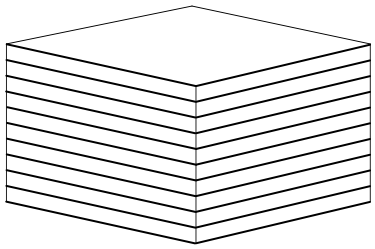
LL01CR-BLUxxL06-M2-T
Package Specifications

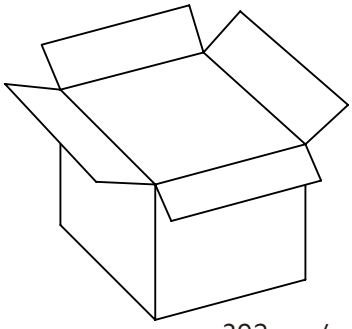
Item	Quantity	Total	Size(L*W*H)	G.W
plastic box	49 pcs/plastic box	49 pcs	32*29.5*2.4 cm	12.4g
outer box	8 plastic box/outer box	392 pcs	35*31*21 cm	



YZ-0067

49 pcs/plastic box





392 pcs/outer box

Note:

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