LedLink
Linking LEDs to The Real World

V1.2_20150729

Data Sheet

LL01ZZ-AHA05L06-M2

CREE

XPL-HI

Features& Typical Applications

- High efficiency
- Available with 1 beam angle
- Optimized Uniformity
- Lens with Holder

- Architectural Lighting
- Spotlight

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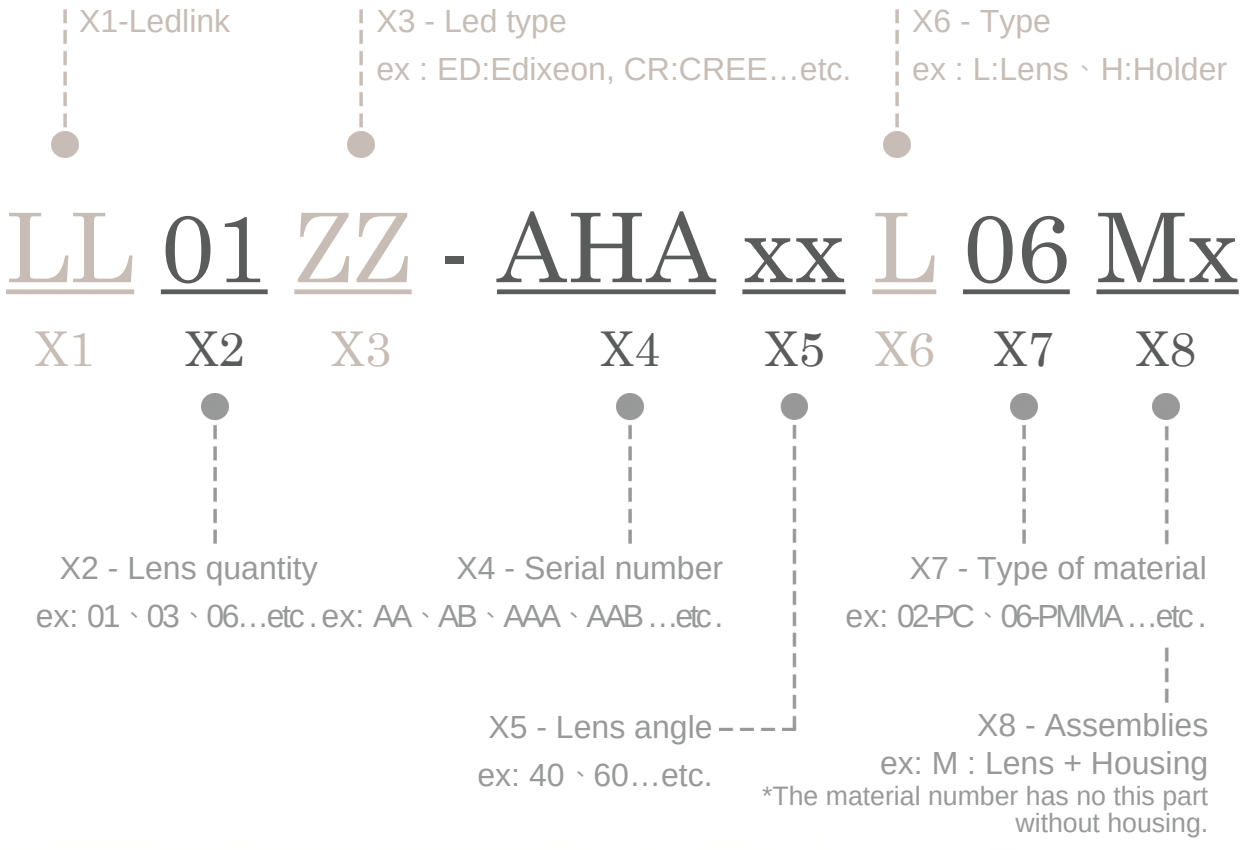
General Information

- Lens Material : PMMA 8N
- Holder Material : PC URC2500
- 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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LL01ZZ-AHA05L06-M2
Optical Specifications

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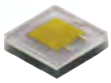
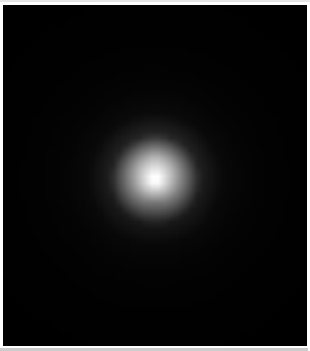


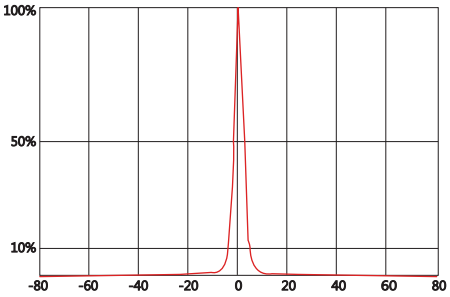
XPL-HI

Note: (1) All the results of analysis are based on 0 degrees of elevation.
(2) Tolerance: ±10%.
(3) Led Luminous Flux(lm): 136(±5%).

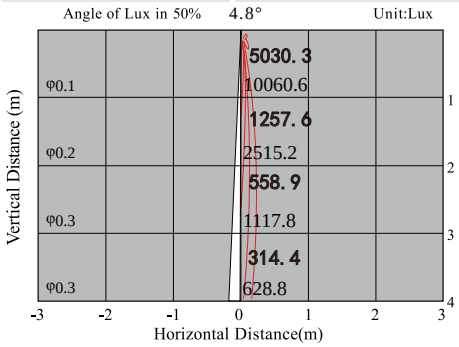
Part Number	FWHM	Field Angle*	cd / lm	IES File
LL01ZZ-AHA05L06-M2-T	4.4°	8.8°	73.9	Download



Beam Pattern



Light Distribution Curve



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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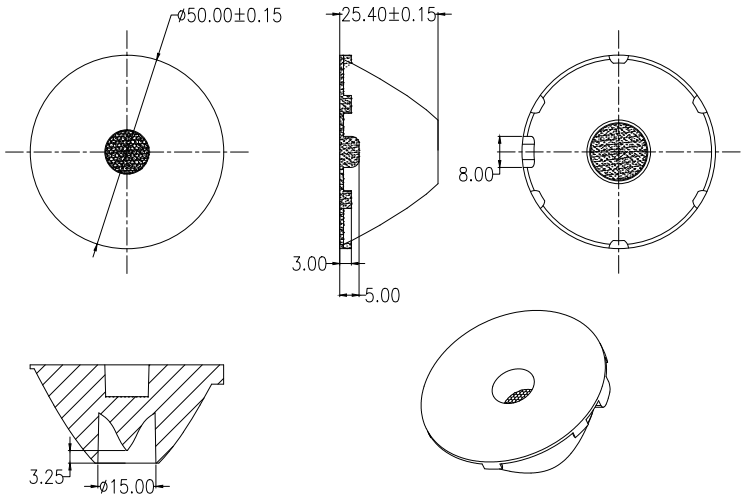
1.Fixing method

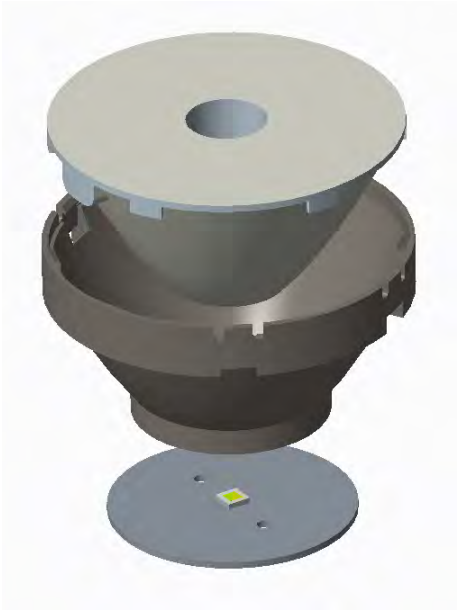
Note: (1)All dimensions are in mm.
(2)All measurements are ± 0.15 mm unless otherwise indicated.

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

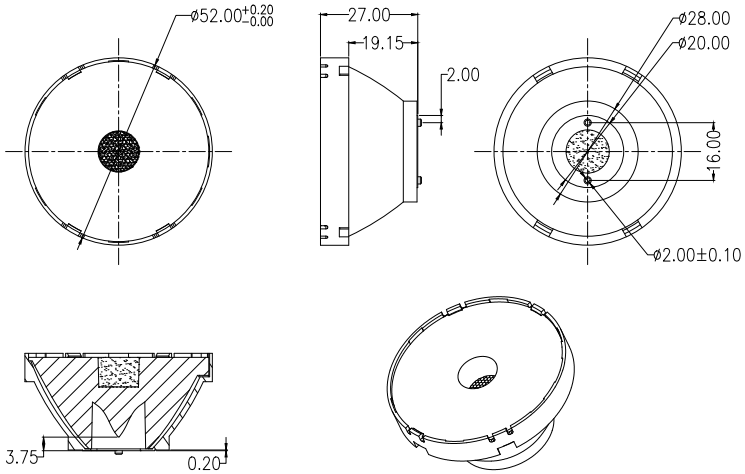
2.Lens dimensions



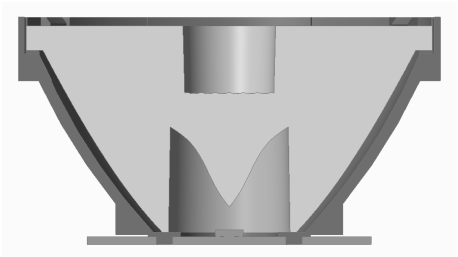
3. Lens + Leds + MCPCB assembly instruction



4.Lens assembly dimensions



5. View assembly lens with MCPCB:



Holder part number : LL01CRRN05H2

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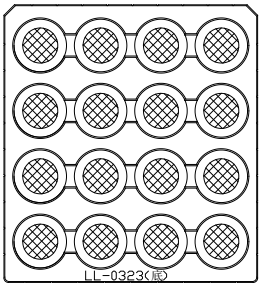
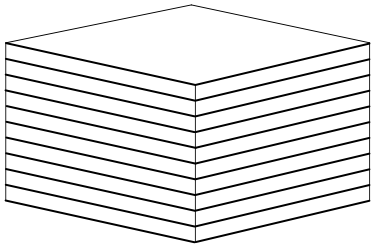
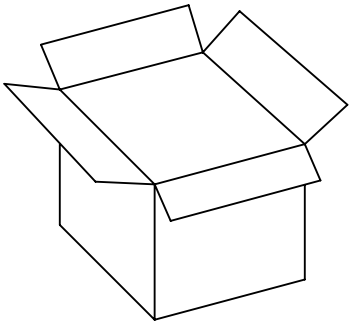
Package Specifications

Item	Quantity	Total	Size(L*W*H)	G.W
Plastic box	16 pcs/plastic box	16 pcs	32.3*29.6*3.5 cm	28g
Outer box	5 plastic box/Outer box	80 pcs	35*31*21 cm	



16 pcs/plastic box





80 pcs/Outer box

Note:

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