LedLink
Linking LEDs to The Real World

V1.2_20140523

Data Sheet
LL01ZZ-AAAxxL49

bridgelux

VERO13

Features & Typical Applications

- High efficiency
- Available with 3 beam angles
- Optimized Uniformity
- Lens without Holder

- Architectural Lighting
- Downlight

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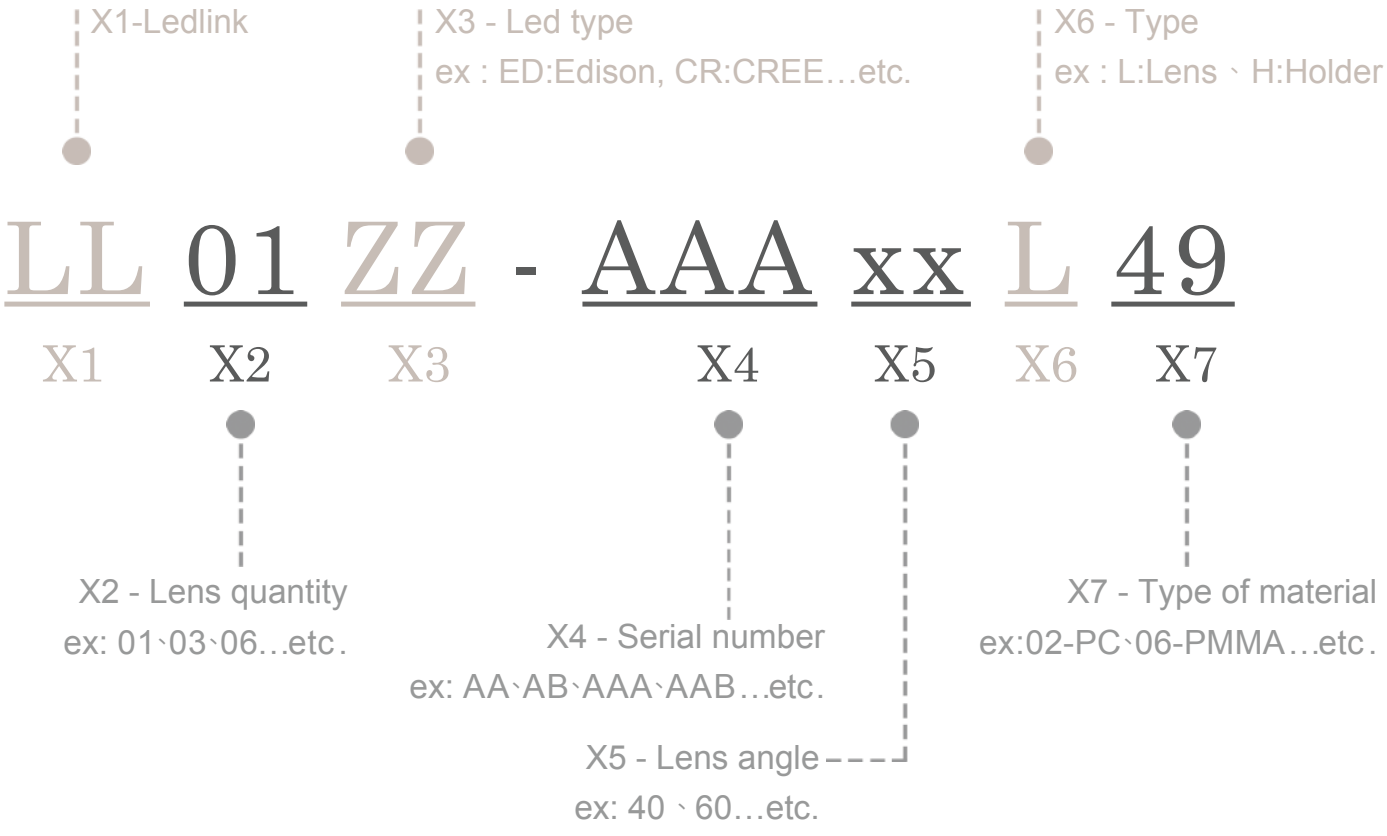
General Information

- Reflector Material : Aluminum
- 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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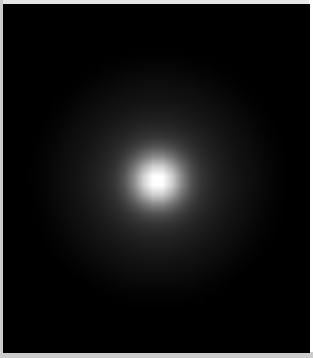
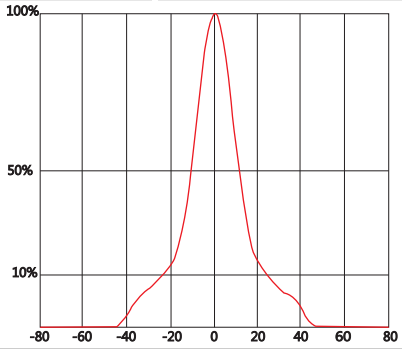
Note: (1) All the results of analysis are based on 0 degrees of elevation.
(2) Tolerance: ±10%.
(3) Led Luminous Flux(lm): 856(±5%).

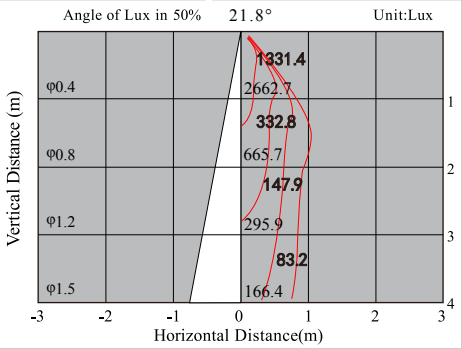
Part Number	FWHM	Field Angle*	cd / lm	IES File
LL01ZZ-AAA24L49	22°	69°	3.1	Download



Beam Pattern

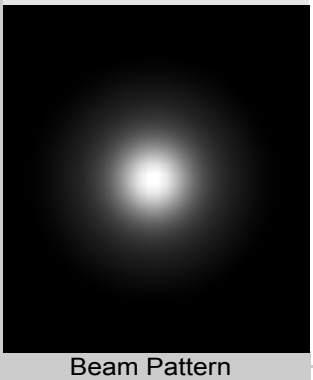


Candela Distribution

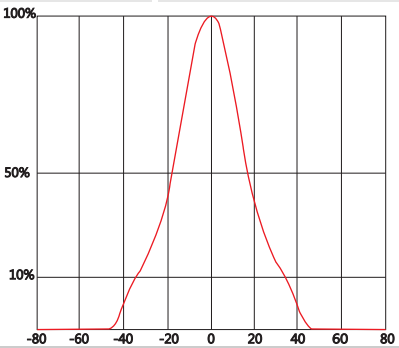


Illuminance Distribution

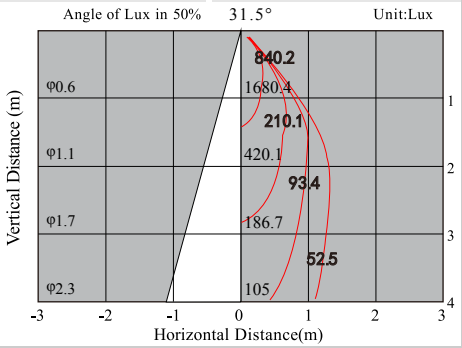
Part Number	FWHM	Field Angle*	cd / lm	IES File
LL01ZZ-AAA38L49	35°	78°	2.0	Download



Beam Pattern

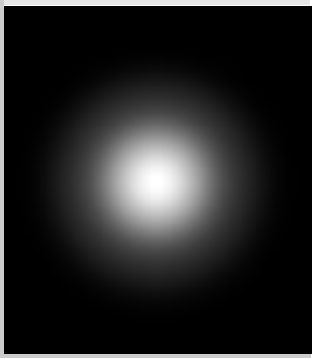


Candela Distribution

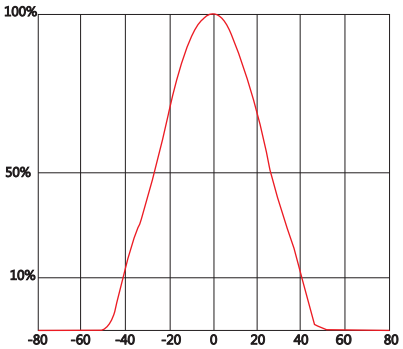


Illuminance Distribution

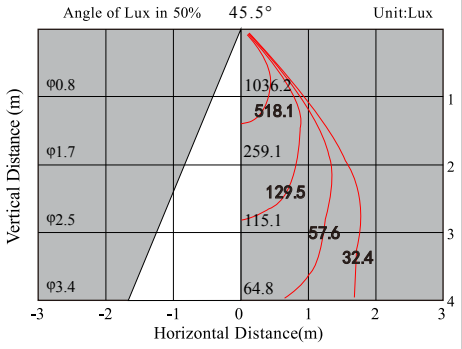
Part Number	FWHM	Field Angle*	cd / lm	IES File
LL01ZZ-AAA55L49	52°	86°	1.2	Download



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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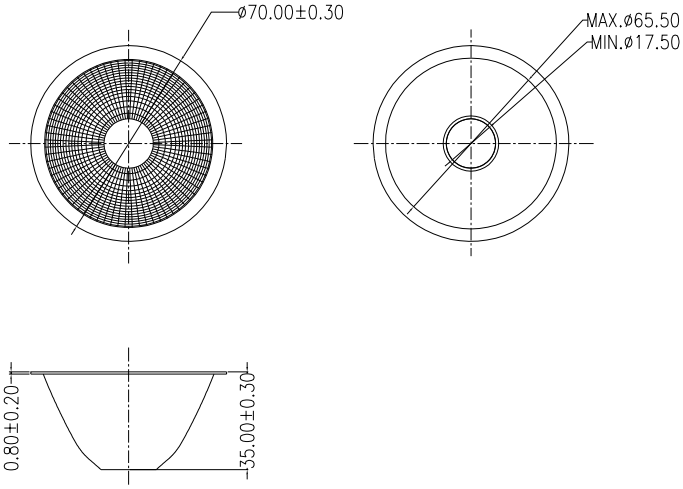
Mechanical Specification

1.Fixing method

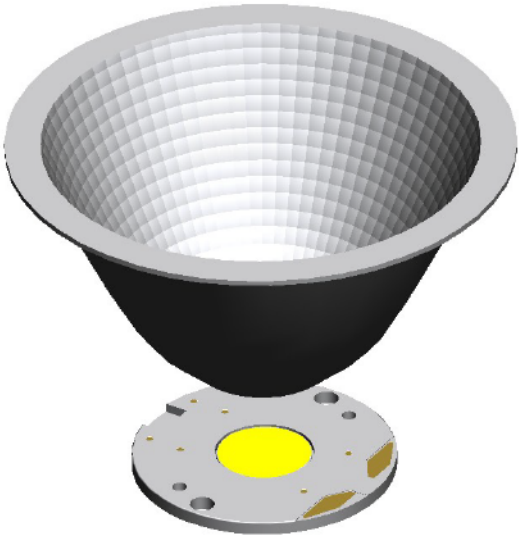
Note: (1)All dimensions are in mm.
(2)All tolerance are ± 0.15 mm
unless otherwise specified.

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

2.Lens dimension

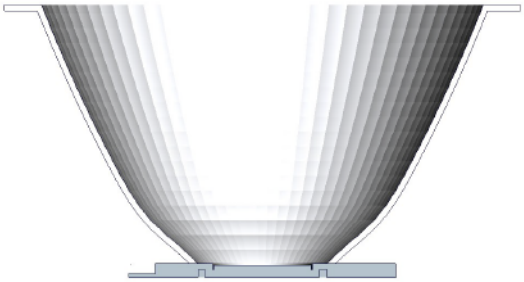


3. Lens + Leds assembly instruction



4.Holder dimension

5. View assembly lens with LED:



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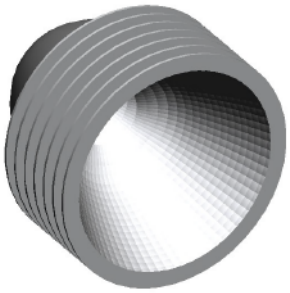
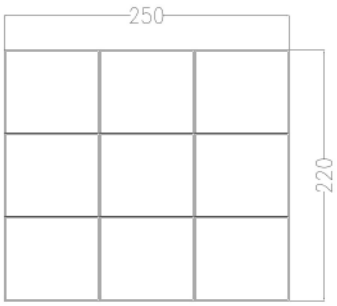
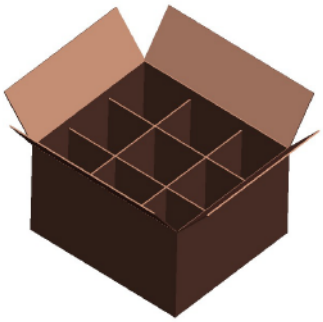
Package Specifications

Item	Quantity	Total	Size(L*W*H)	G.W
EPE stack	7 pcs/EPE stack	7 pcs		11g
outer box	9 stack/outer box	63 pcs	25*22.5*15 cm	



7 pcs/plastic box





63 pcs/outer box

Note:

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