LedLink
Linking LEDs to The Real World

V1.2_20140428

Data Sheet
LL01CT-AJZxxR49

CITIZEN Micro HumanTech

CLL020

Features & Typical Applications

- High efficiency
- Available with 2 beam angles
- Optimized Uniformity
- Reflectors with Holder

- Architectural Lighting
- Commercial Lighting

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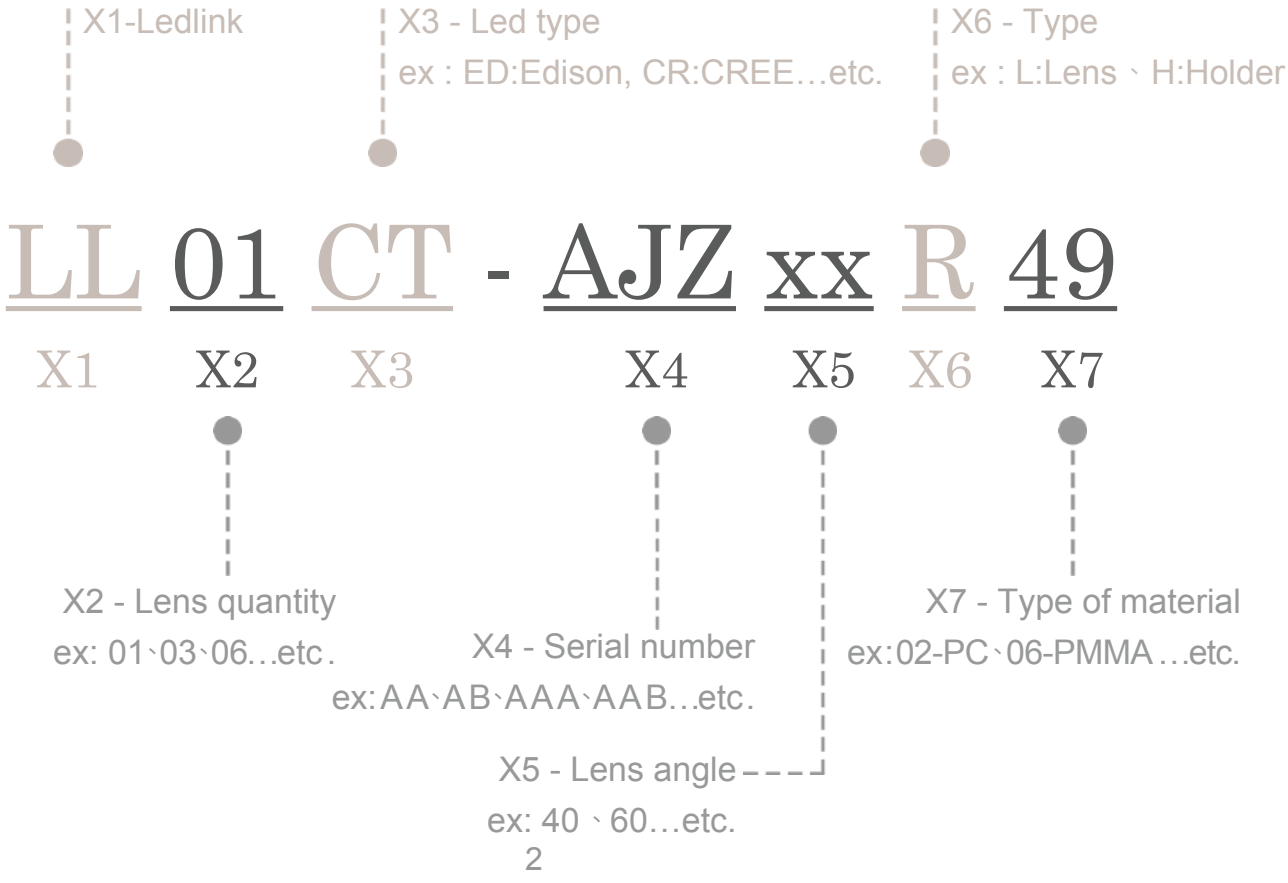
General Information

- Reflector Material : Aluminum
- Product surface anodized.
- Holder Material : PBT4815.
- Operating Temperature range -40℃~+110℃(upper limit +120℃).
- Storage Temperature range -40℃~+110℃(upper limit +120℃).
- Usage and Maintenance:

1. If necessary, clean reflectors with mild soap, water and soft cloth.
2. Never use any commercial cleaning solvents on reflectors, like alcohol.
3. Please handle or install reflectors with wearing gloves, skin oils may damage reflector or its optical characteristic.

Product Nomenclature



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Optical Specifications

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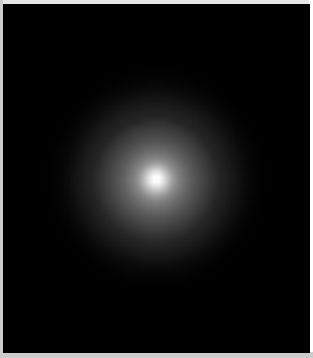
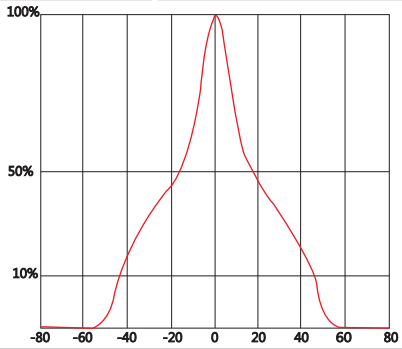
Note: (1) All the results of analysis are based on 0 degrees of elevation.
(2) Tolerance: ±10%.
(3) Led Luminous Flux(lm): 580(±5%).

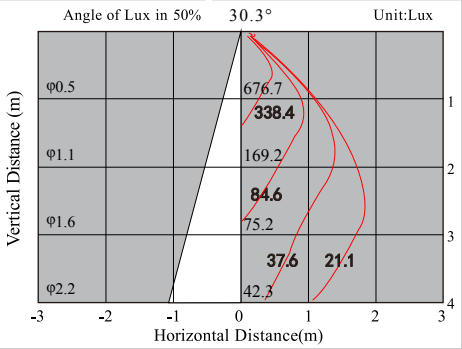
Part Number	FWHM	Field Angle*	cd / lm	IES File
LL01CT-AJZ36R49	34°	95°	1.2	Download



Beam Pattern

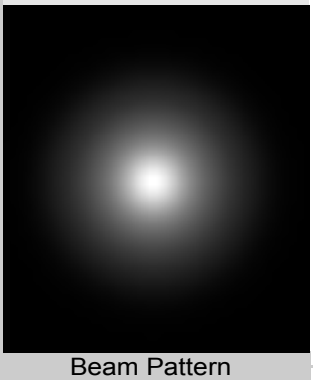


Candela Distribution

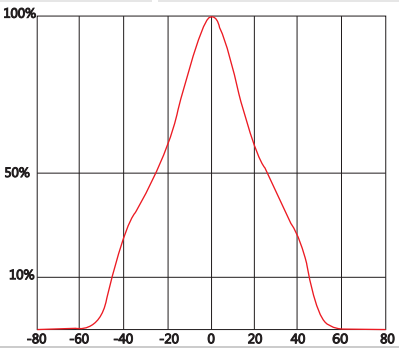


Illuminance Distribution

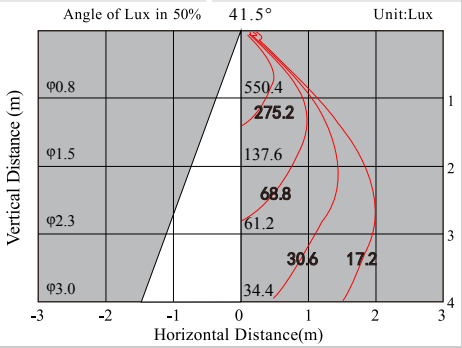
Part Number	FWHM	Field Angle*	cd / lm	IES File
LL01CT-AJZ50R49	51°	95°	0.9	Download



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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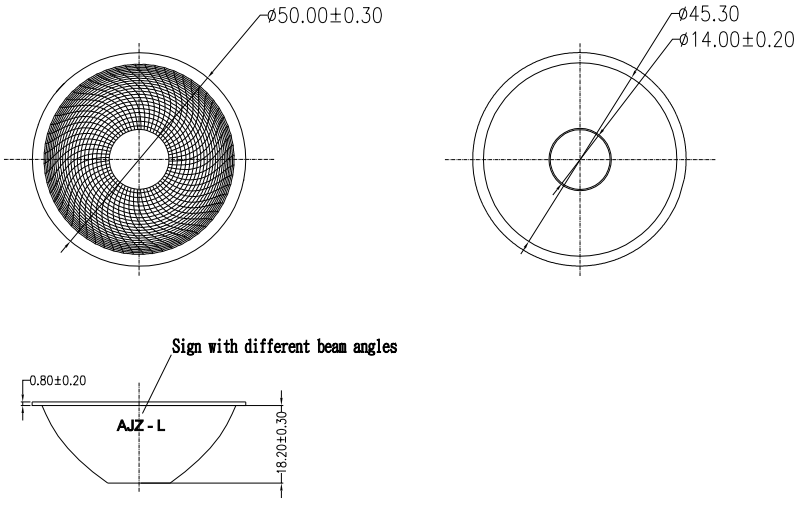
Mechanical Specification

1.Fixing method

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

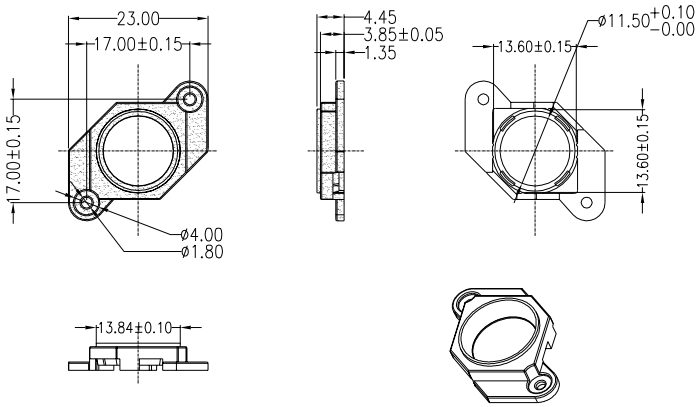
☐ Glue ☐ Screw ☐ Tape ☐ Fixing-ring ■ Frame

2.Reflector dimension



3. Reflector + Holder + Leds assembly instruction

4.Holder dimension



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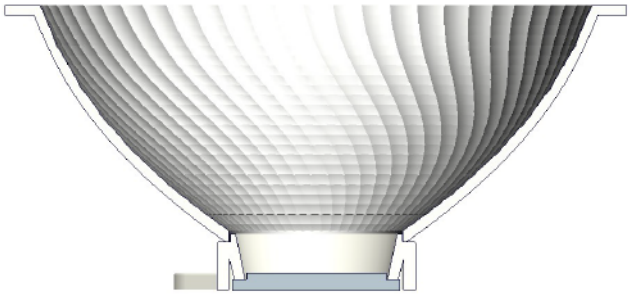
5. View assembly Reflector with LED:



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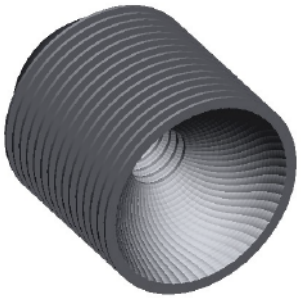
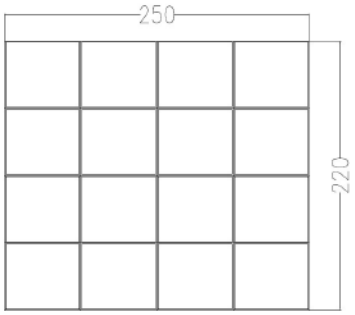
Package Specifications

Item	Quantity	Total	Size(L*W*H)	G.W
EPE stack	25 pcs/EPE stack	25 pcs		6.6g
outer box	16 stack/outer box	400 pcs	25*22.5*15 cm	



25 pcs/EPE stack



400 pcs/outer box

Note:

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