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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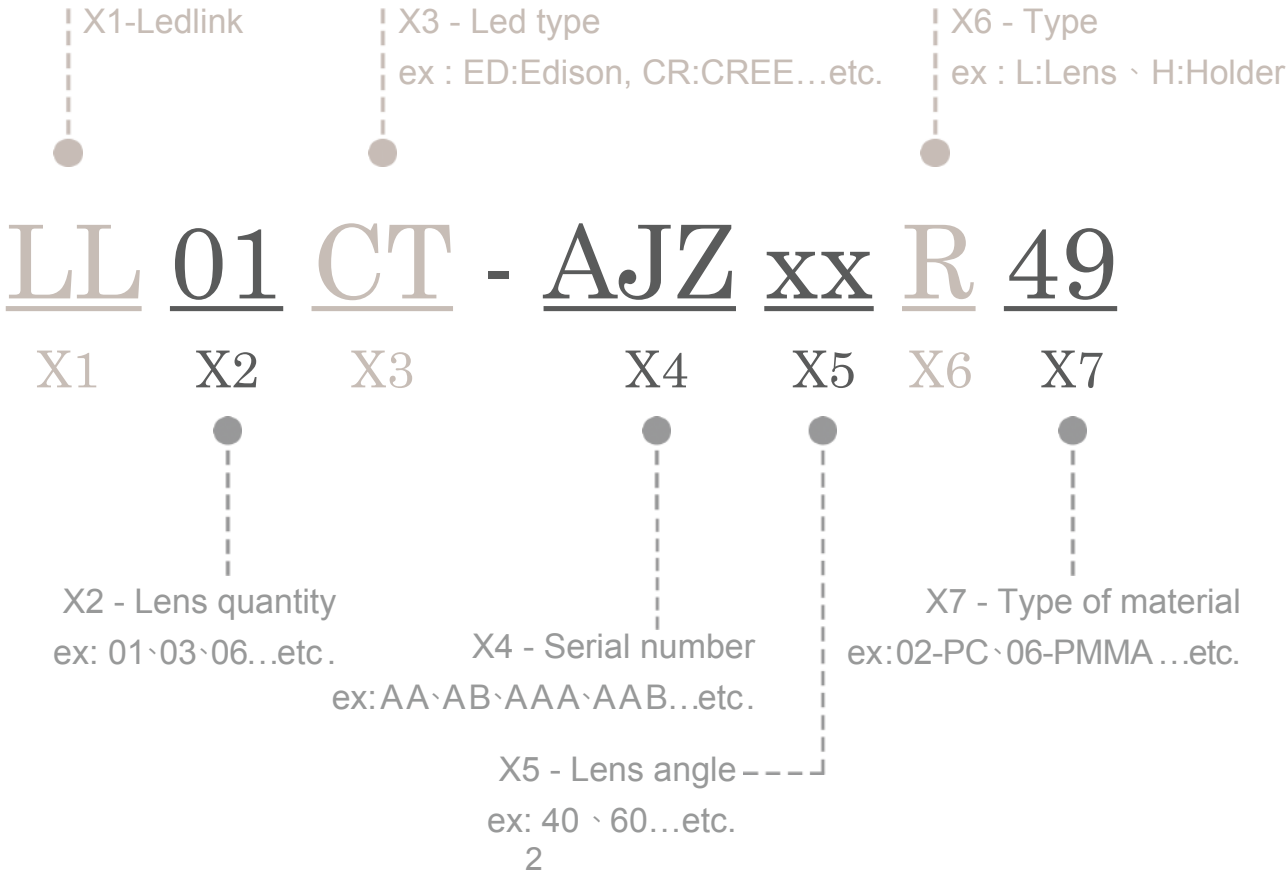
## General Information

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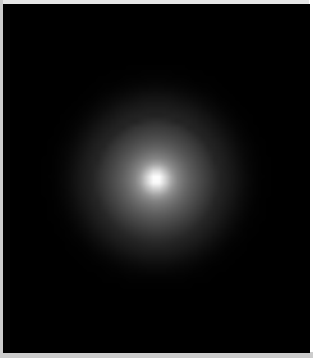
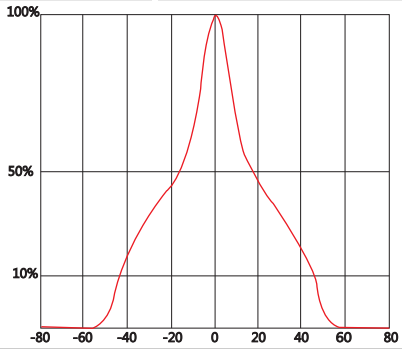
Note: (1) All the results of analysis are based on 0 degrees of elevation.
(2) Tolerance: ±10%.
(3) Led Luminous Flux(lm): 580(±5%).

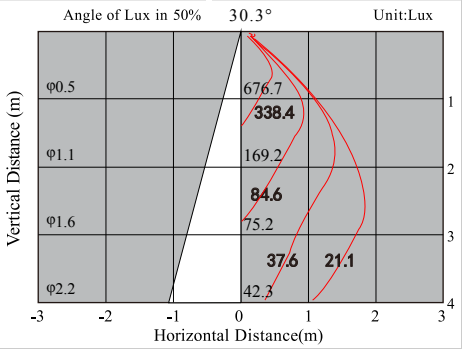
| Part Number | FWHM | Field Angle* | cd / lm | IES File |
|---|---|---|---|---|
| LL01CT-AJZ36R49 | 34° | 95° | 1.2 | Download |



Beam Pattern

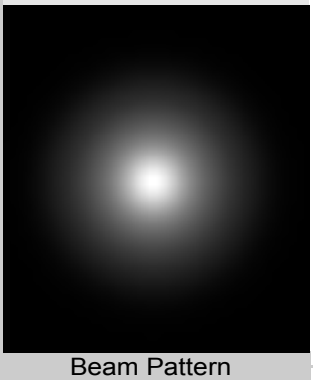



Candela Distribution

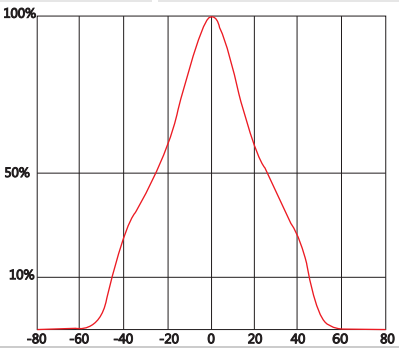



Illuminance Distribution

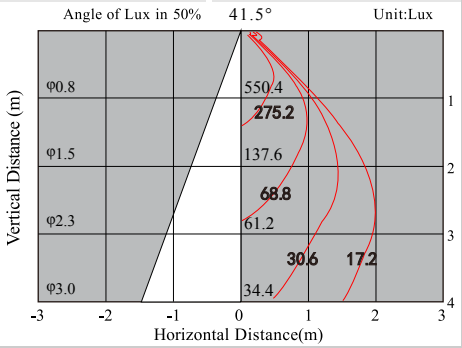
| Part Number | FWHM | Field Angle* | cd / lm | IES File |
|---|---|---|---|---|
| LL01CT-AJZ50R49 | 51° | 95° | 0.9 | Download |



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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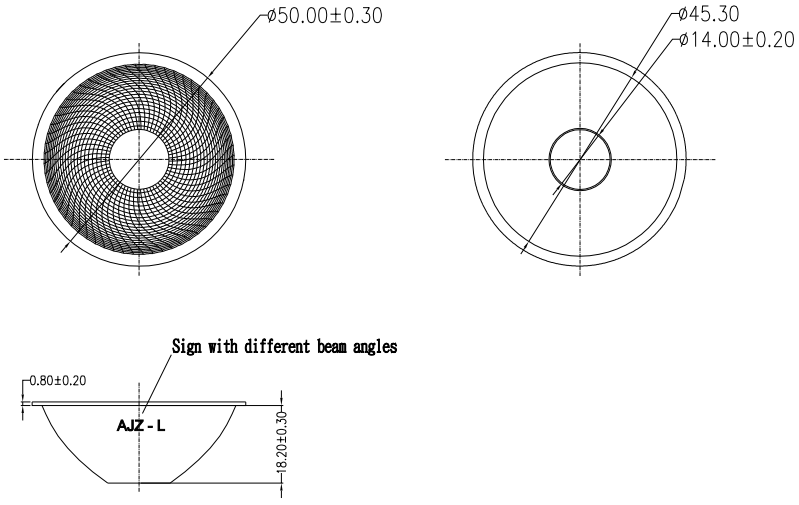
# Mechanical Specification

## 1.Fixing method

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

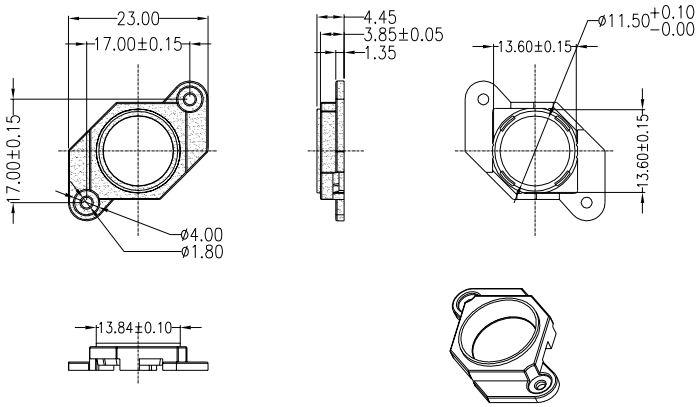
☐ Glue ☐ Screw ☐ Tape ☐ Fixing-ring ■ Frame

## 2.Reflector dimension



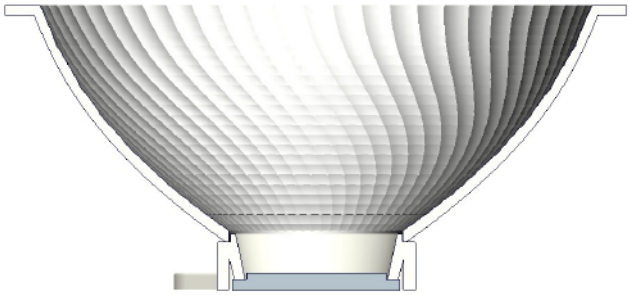

## 3. Reflector + Holder + Leds assembly instruction

## 4.Holder dimension




LL01A00SUAB2

## 5. View assembly Reflector with LED:





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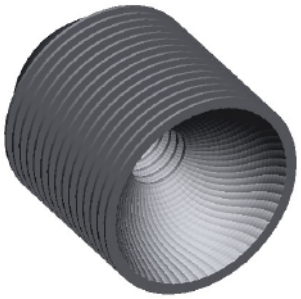
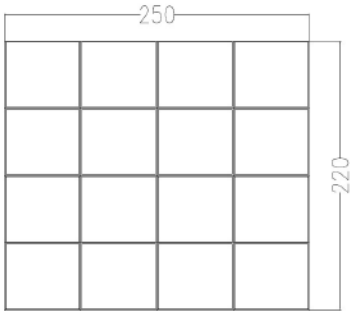
## Package Specifications

| 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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