LedLink
Linking LEDs to The Real World

V1.2_20140226

Data Sheet
LL01CR-AYGxxR49

CREE

CXA15xx

Features & Typical Applications

- High efficiency
- Available with 3 beam angles
- Optimized Uniformity
- Reflectors with Holder

- Spotlight
- Highbay
- Downlight

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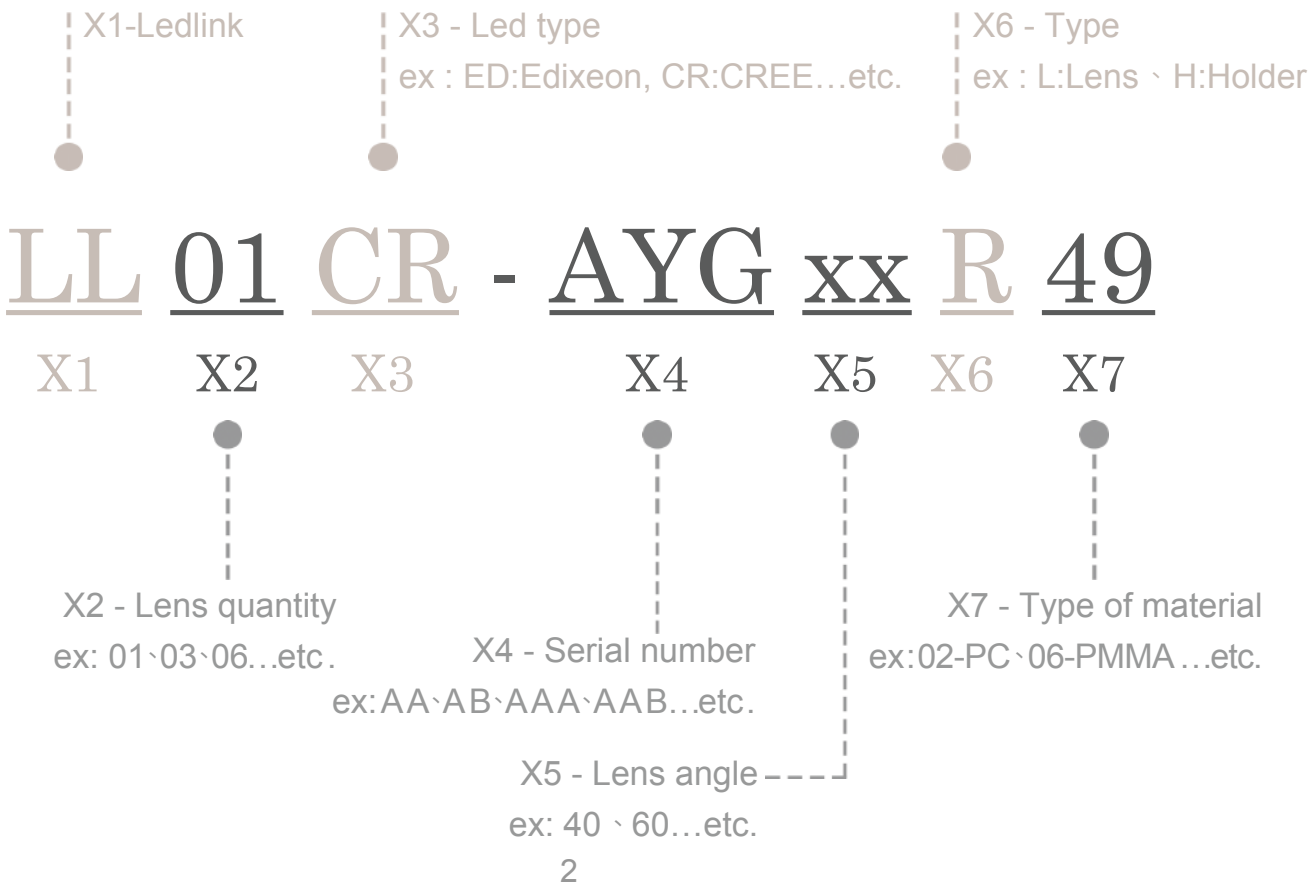
LL01CR-AYGxxR49

General Information

- Reflector Material : Aluminum
- Product surface anodized.
- 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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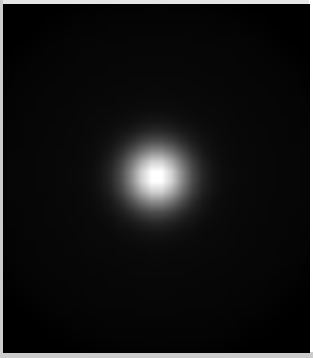
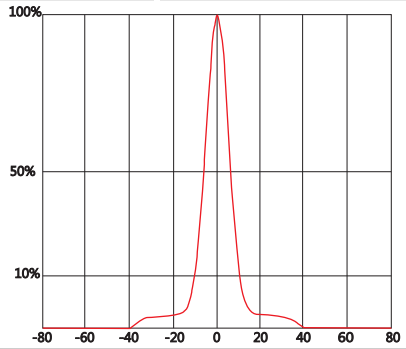
Note: (1) All the results of analysis are based on 0 degrees of elevation.
(2) Tolerance: ±10%.
(3) Led Luminous Flux(lm): 740(±5%).

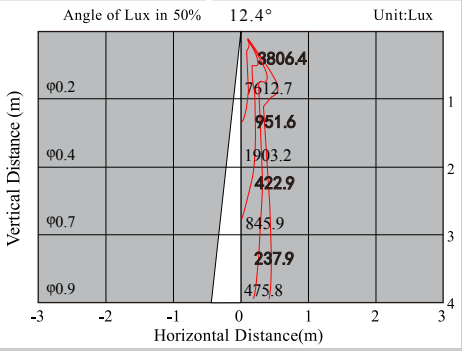
Part Number	FWHM	Field Angle*	cd / lm	IES File
LL01CR-AYG15R49	13°	24°	10.3	Download



Beam Pattern



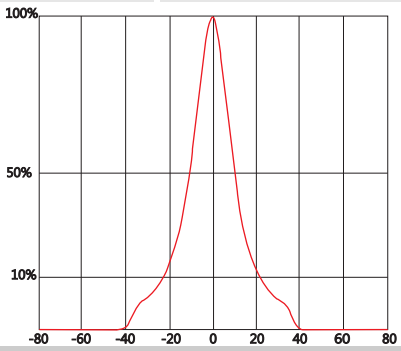
Candela Distribution



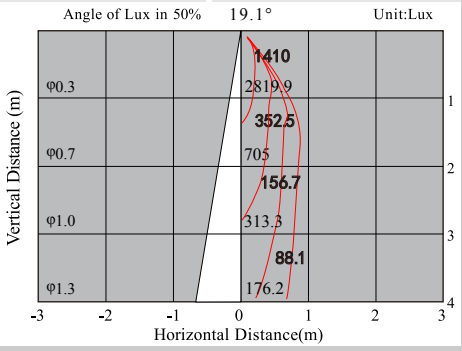
Illuminance Distribution

Part Number	FWHM	Field Angle*	cd / lm	IES File
LL01CR-AYG24R49	20°	60°	3.8	Download

Beam Pattern

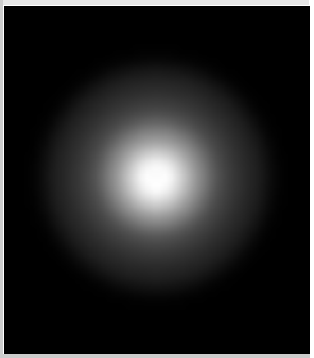


Candela Distribution

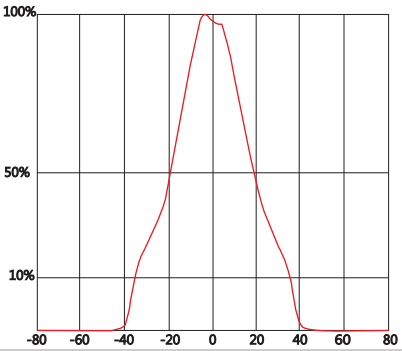


Illuminance Distribution

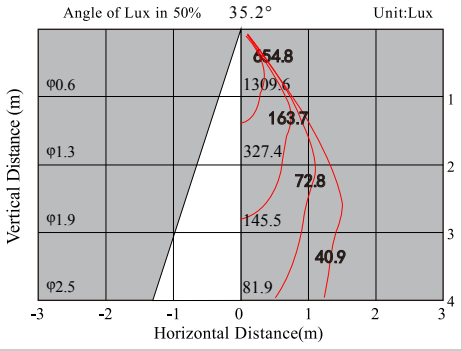
Part Number	FWHM	Field Angle*	cd / lm	IES File
LL01CR-AYG38R49	38°	74°	1.8	Download



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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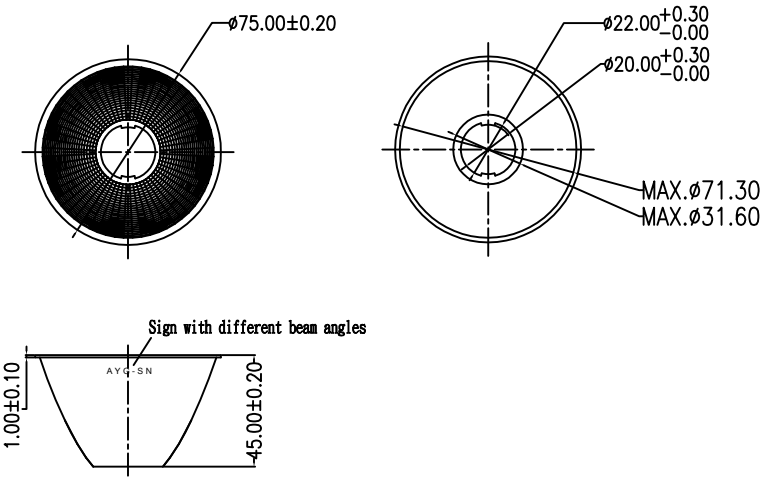
Mechanical Specification

1.Fixing method

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

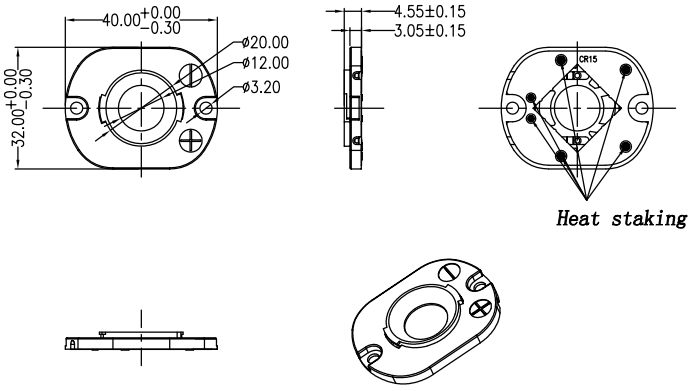
☐ Glue ☐ Screw ☐ Tape ■ Fixing-ring ■ Frame

2.Reflector dimension



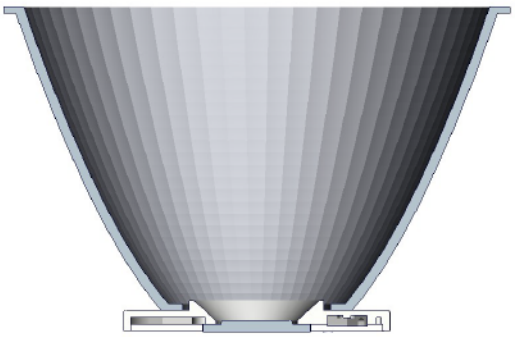
3. Reflector + Connector + Leds assembly instruction

4.Connector dimension



LL30A00SUSB2-M2

5. View assembly Reflector with LED:



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