LedLink
Linking LEDs to The Real World

V1.2_20140122

Data Sheet

LL01CR-AYMxxR35-P

CREE

CXA25xx

Features & Typical Applications

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

- Spotlight
- Highbay
- Downlight

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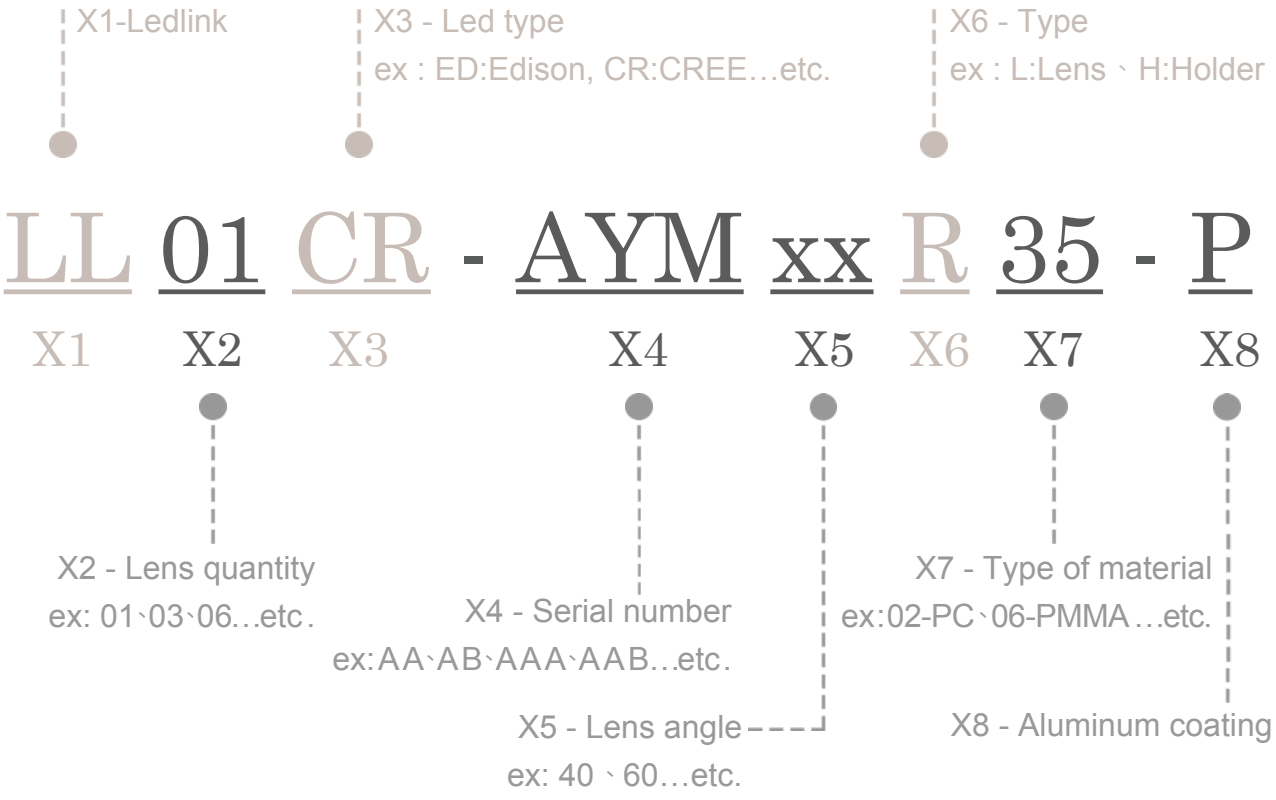
LL01CR-AYMxxR35-P

General Information

- Reflector Material : PC LEV1700.
- Plastic reflector metalized 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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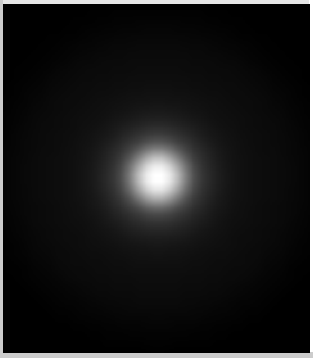
Optical Specifications

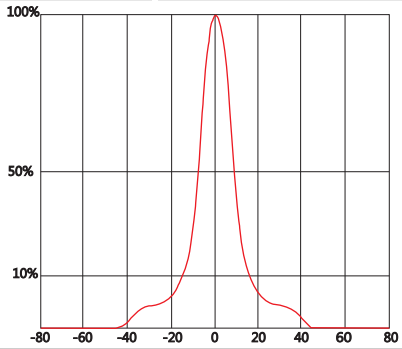
CXA2520

Note: (1) All the results of analysis are based on 0 degrees of elevation.
(2) Tolerance: ±10%.
(3) Led Luminous Flux(lm): 2499(±5%).

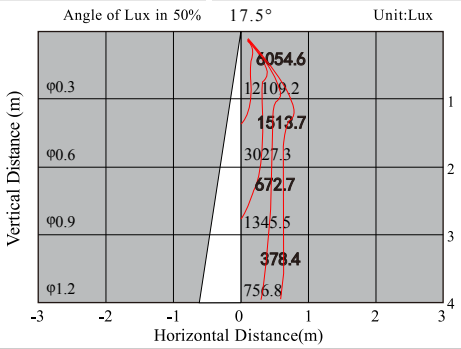
Part Number	FWHM	Field Angle*	cd / lm	IES File
LL01CR-AYM15R35-P	17°	42°	4.8	Download



Beam Pattern

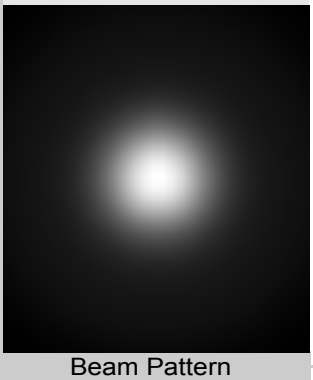


Candela Distribution

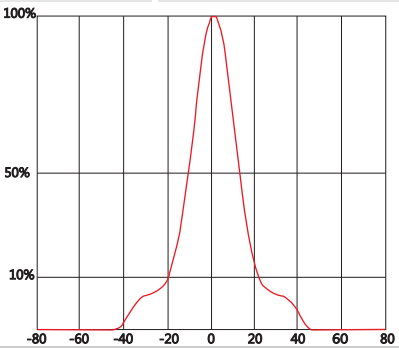


Illuminance Distribution

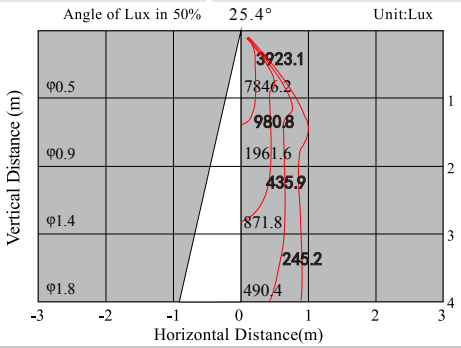
Part Number	FWHM	Field Angle*	cd / lm	IES File
LL01CR-AYM24R35-P	24°	68°	3.2	Download



Beam Pattern



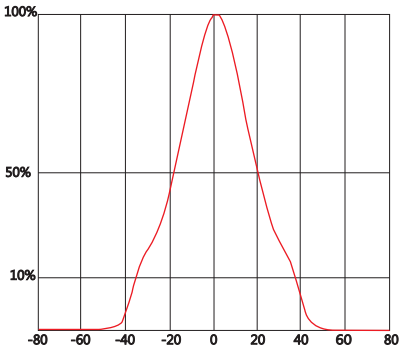
Candela Distribution



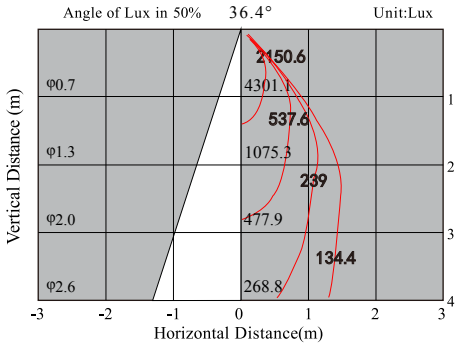
Illuminance Distribution

Part Number	FWHM	Field Angle*	cd / lm	IES File
LL01CR-AYM38R35-P	38°	78°	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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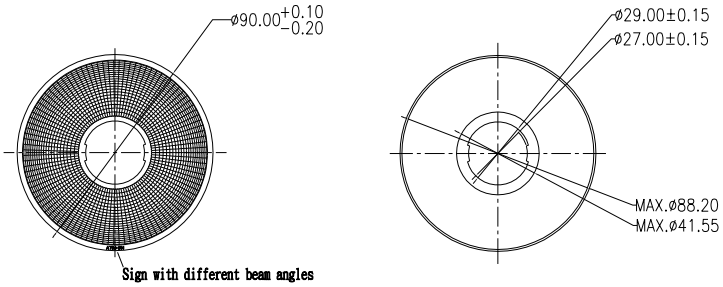
Mechanical Specification

1.Fixing method

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

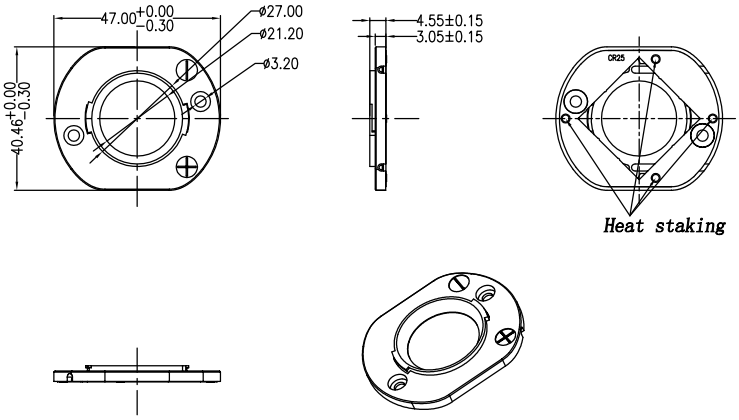
☐ Glue ☐ Screw ☐ Tape ■ Fixing-ring ■ Frame

2.Reflector dimension



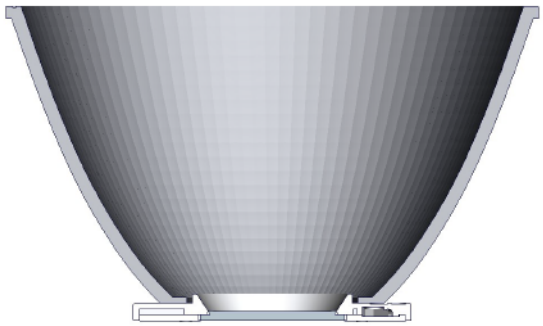
3. Reflector + Connector + Leds assembly instruction

4.Connector dimension



LL38A00SUUB2-M2

5. View assembly Reflector with LED:



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