LedLink
Linking LEDs to The Real World

V1.2_20181218

Data Sheet

LL04CR-CECxxL02

CREE
LED Solution Provider

Xlamp XP-G3

Features & Typical Applications

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

- Architectural Lighting
- Commercial Lighting

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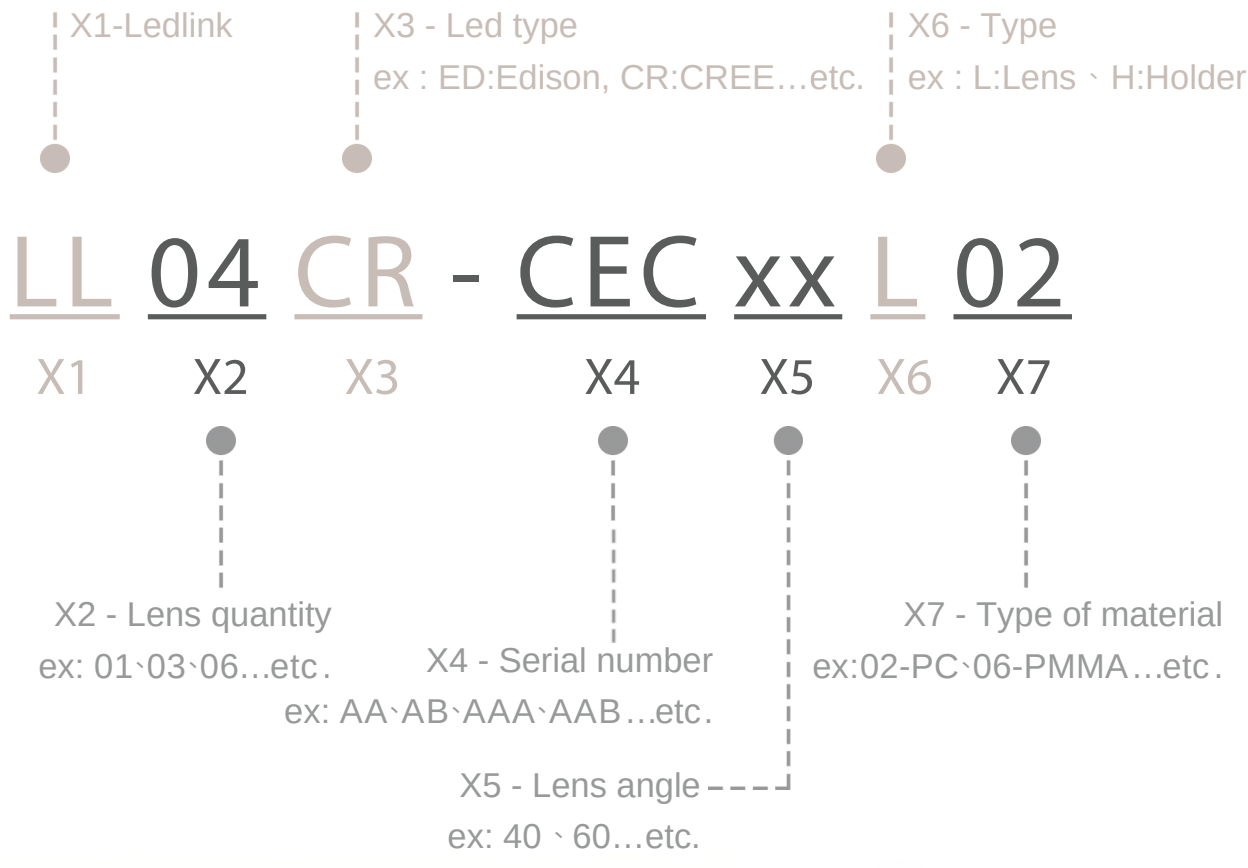
LL04CR-CECxxL02

General Information

- Lens Material : PC 1700
- 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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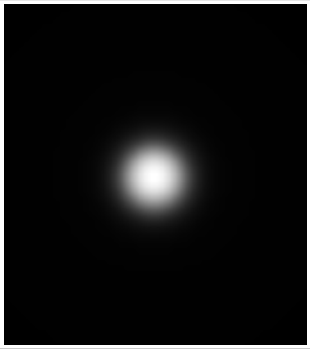
LL04CR-CECxxL02
Optical Specifications

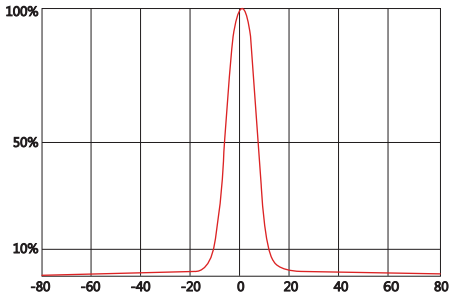
CREE
LED Solution Provider *Xlamp XP-G3*

Note: (1) All the results of analysis are based on 0 degrees of elevation.
(2) Tolerance: ±10%.
(3) Led Luminous Flux(lm): 176(±5%).

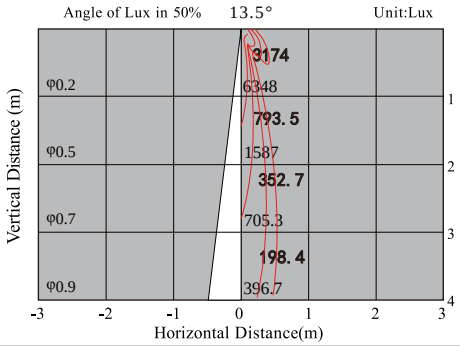
Part Number	FWHM	Field Angle*	cd / lm	IES File
LL04CR-CEC09L02	13.6°	22.8°	9.1	Download



Beam Pattern



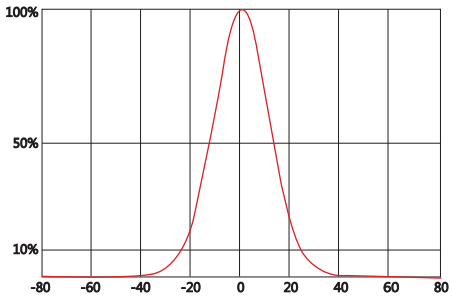
Candela Distribution



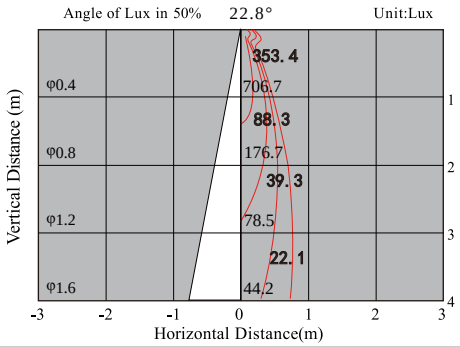
Illuminance Distribution

Part Number	FWHM	Field Angle*	cd / lm	IES File
LL04CR-CEC25L02	23.3°	44.5°	4.2	Download

Beam Pattern

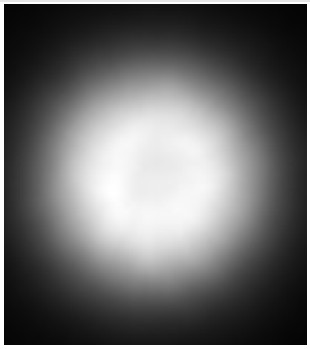


Candela Distribution

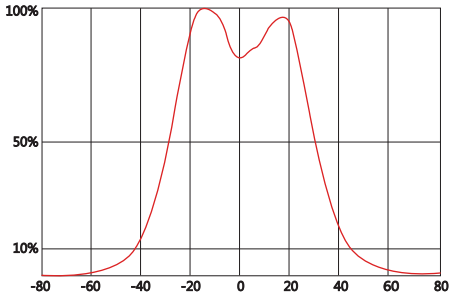


Illuminance Distribution

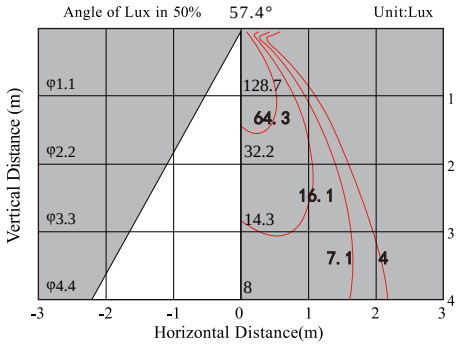
Part Number	FWHM	Field Angle*	cd / lm	IES File
LL04CR-CEC50L02	59.2°	87.5°	0.9	Download



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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LL04CR-CECxxL02
Mechanical Specification

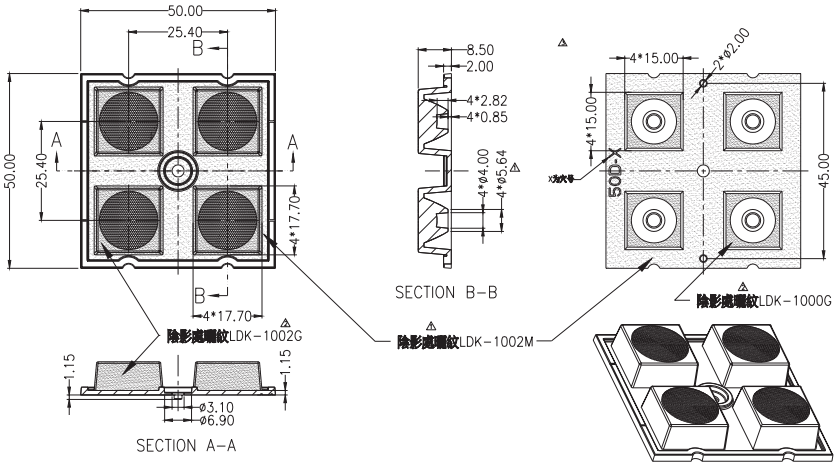
Note: (1)All dimensions are in mm.

1.Fixing method

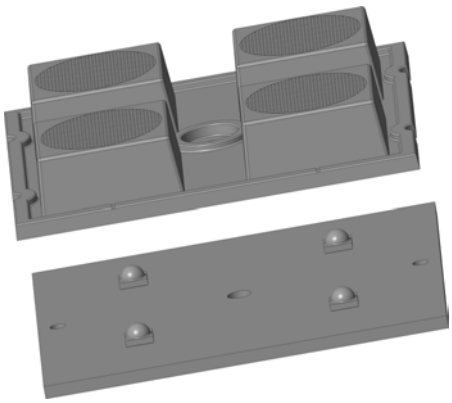
■ Glue ■ Screw ▢ Tape ▢ Fixing-ring ■ Frame

*Screw : The Maximum tightening torque for centre screw is 0.6Nm, which is mainly screw in for assembly.

2.Lens dimension



3. Assembly inst ruction



4.Holder dimension

5. View assembly lens with LED:

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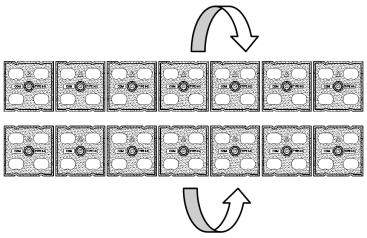
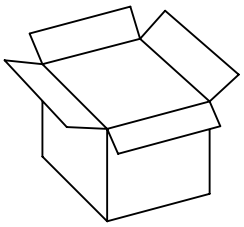
Package Specifications

Item	Quantity	Total	Size(L*W*H)	G.W
Plastic membrane	42 pcs	42 pcs		
Inner box	252*4pcs /outer box	1008 pcs	40*37*21 cm	6.6g
Outer box	1008pcs*2 /outer box	2016 pcs	42*39*46 cm	

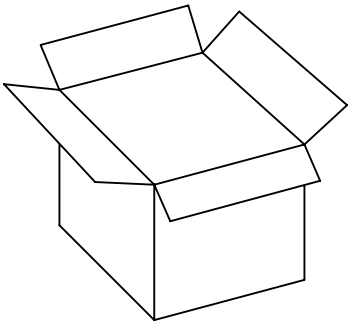


2*21=42pcs
The plastic membrane will be outside of two arrays.

42*6=252 pcs



252*4packs=1008 pcs/inner box



1008*2=2016 pcs/outer box

Note:

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