LedLink
Linking LEDs to The Real World

V1.1_20120224

Data Sheet

LL01CR-NExxL06-Mx

CREE Xlamp XP-E

Features& Typical Applications

- High efficiency
- Available in 7 beam Patterns
- Optimized for uniform effects
- Lens with Housing
- Spot Lighting
- Architectural Lighting
- Stage Lighting
- High Bay Lighting

Table of Contents

15F,No.655,Bannan Rd.,Chung-Ho Dist,New Taipei City,Taiwan.
Tel: +886-2-8227-6126 Fax: +886-2-8227-6127
service@ledlink-optics.com www.ledlink-optics.com

LL01CR-NExxL06-Mx

General Information

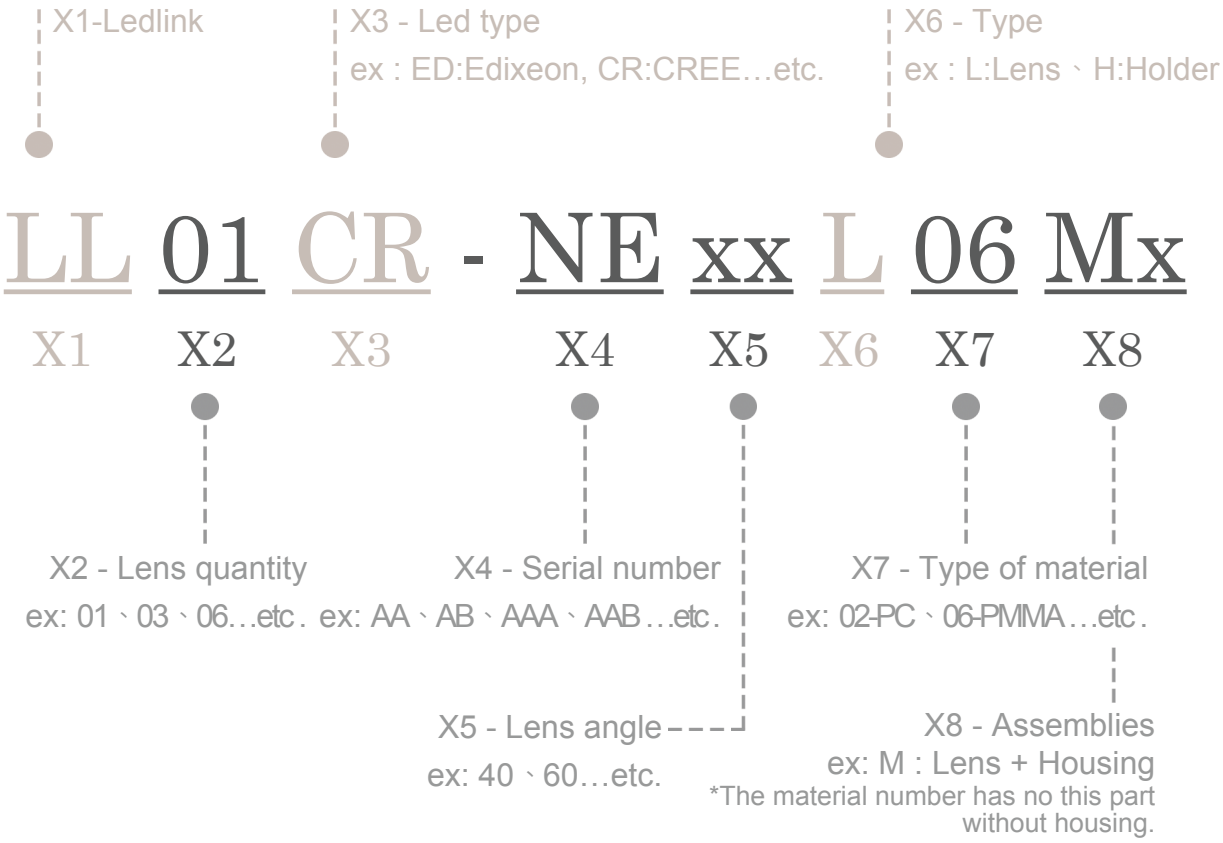
- Lens Material Optical Grade PMMA
- Operating Temperature range -40℃~+70℃(upper limit +80℃)
- Storage Temperature range -40℃~+70℃(upper limit +80℃)

  * 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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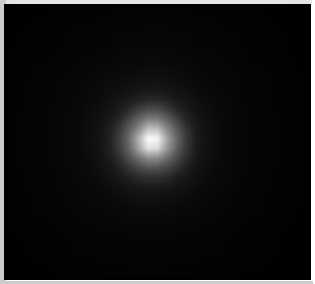
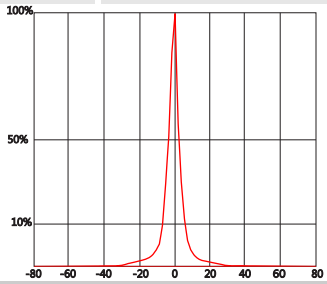
LL01CR-NExxL06-Mx
Optical Specifications

CREE *Xlamp XP-E*

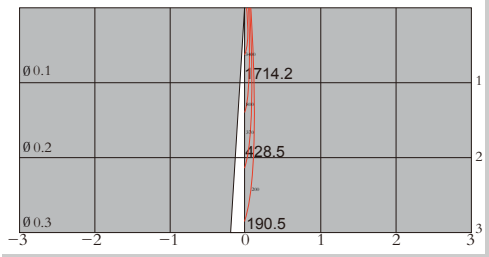
Note: (1) degree: tolerance ±2°
(2) optical value: tolerance ±10%

Part Number	FWHM	Field Angle*	cd / lm	IES File
LL01CR-NE15L06-Mx	7°	18°	20.4	Download


Beam Pattern



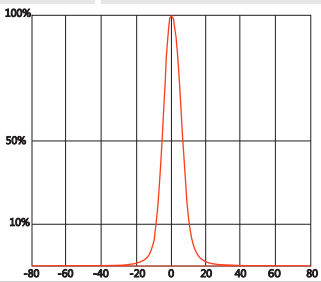
Light Distribution Curve



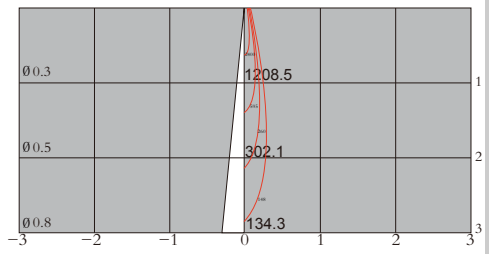
Illuminance Distribution

Part Number	FWHM	Field Angle*	cd / lm	IES File
LL01CR-NE25L06-Mx	13°	25°	12.8	Download


Beam Pattern



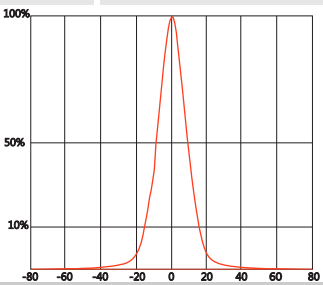
Light Distribution Curve



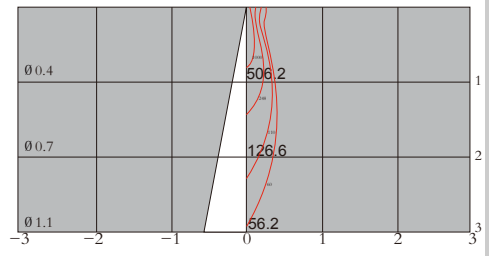
Illuminance Distribution

Part Number	FWHM	Field Angle*	cd / lm	IES File
LL01CR-NE40L06-Mx	21°	40°	5.5	Download


Beam Pattern

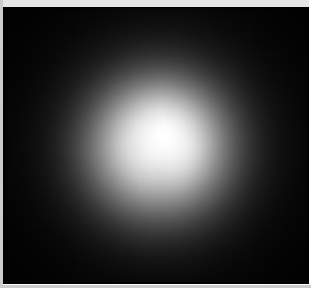


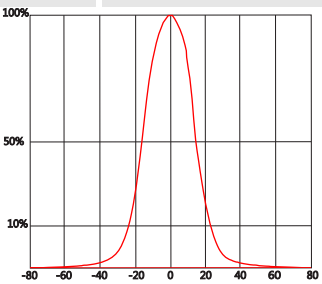
Light Distribution Curve



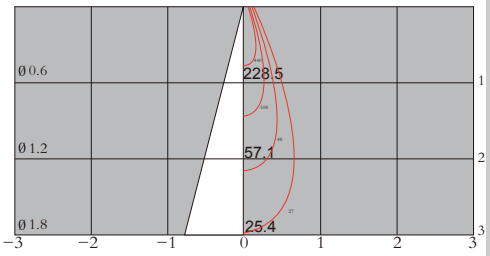
Illuminance Distribution

Part Number	FWHM	Field Angle*	cd / lm	IES File
LL01CR-NE60L06-Mx	34°	60°	2.4	Download


Beam Pattern



Light Distribution Curve



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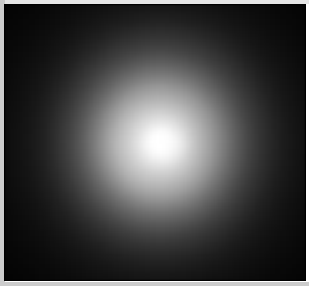
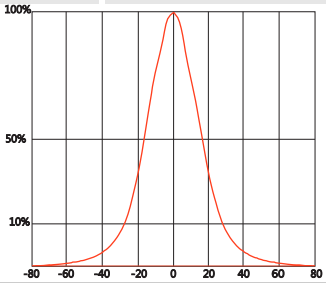
Optical Specifications

CREE *Xlamp XP-E*

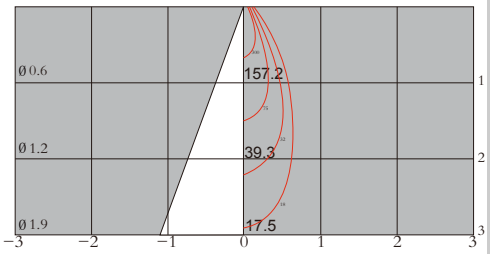
Note: (1) degree: tolerance ±2°
(2) optical value: tolerance ±10%

Part Number	FWHM	Field Angle*	cd / lm	IES File
LL01CR-NE80L06-Mx	37°	75°	1.8	Download


Beam Pattern



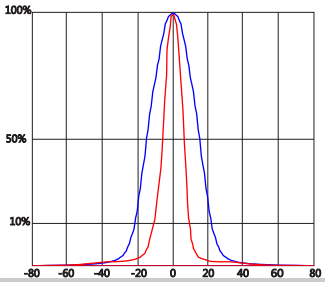
Light Distribution Curve



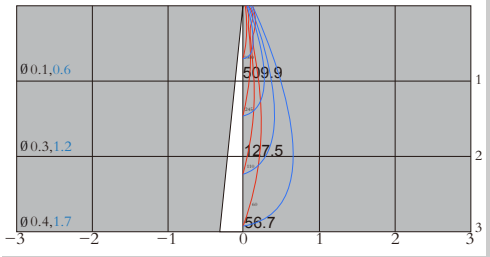
Illuminance Distribution

Part Number	FWHM	Field Angle*	cd / lm	IES File
LL01CR-NE1045L06-Mx	12°/34°	25°/55°	6.0	Download


Beam Pattern



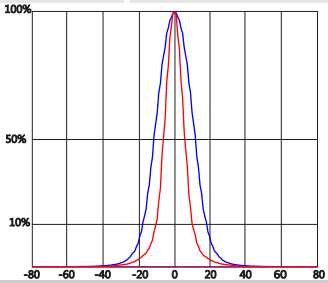
Light Distribution Curve



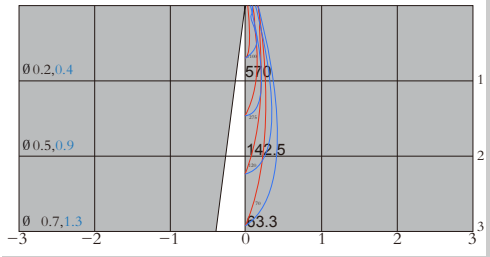
Illuminance Distribution

Part Number	FWHM	Field Angle*		IES File
LL01CR-NE2545L06-Mx	14°/26°	28°/46°	6.7	Download


Beam Pattern



Light Distribution Curve



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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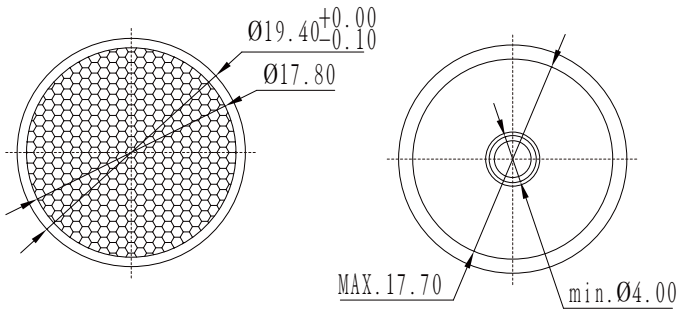
Mechanical Specification

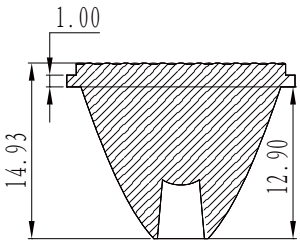
1.Fixing method

Note: All dimensions are in mm.

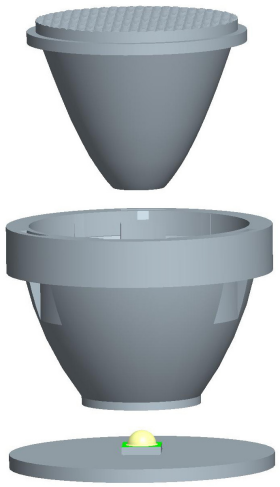
☐ Glue ☐ Screw ☐ Tape ■ Fixing-ring ■ Frame

2.Lens dimensions

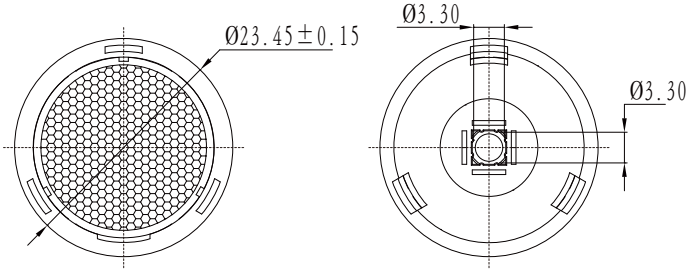


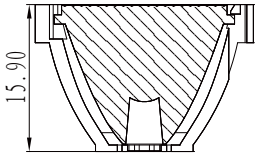


3. Lens + Leds+MCPCB assembly instruction

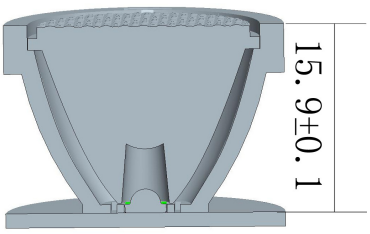


4.Lens assembly dimensions





5. View assembly lens with MCPCB:



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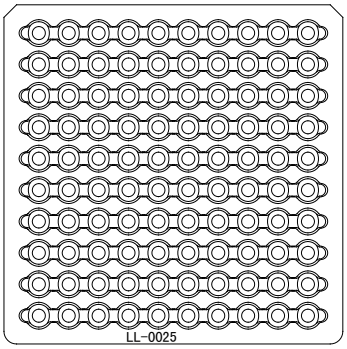
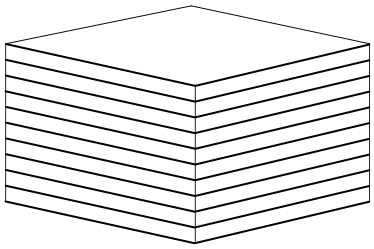
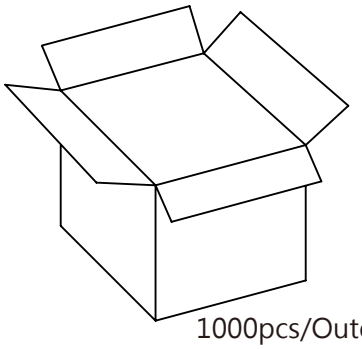
Package Specifications

Item	Quantity	Total	Size(L*W*H)	G.W
Inner box		100 pcs	27*27*1.8 cm	2.8g
Outer box	1000pcs/Outer box	1000 pcs	29*29*22 cm	
Outer box				



100pcs/Inner box





1000pcs/Outer box

Note:

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