LedLink
Linking LEDs to The Real World

V1.0_20121122

Data Sheet

LL06ED-AExxL06

CREE

Xlamp XP-E

Features & Typical Applications

- High efficiency
- Available in 2 beam Patterns
- Optimized for uniform effects
- Lens without Housing
- Spot Lighting
- Architectural 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

LL06ED-AExxL06

General Information

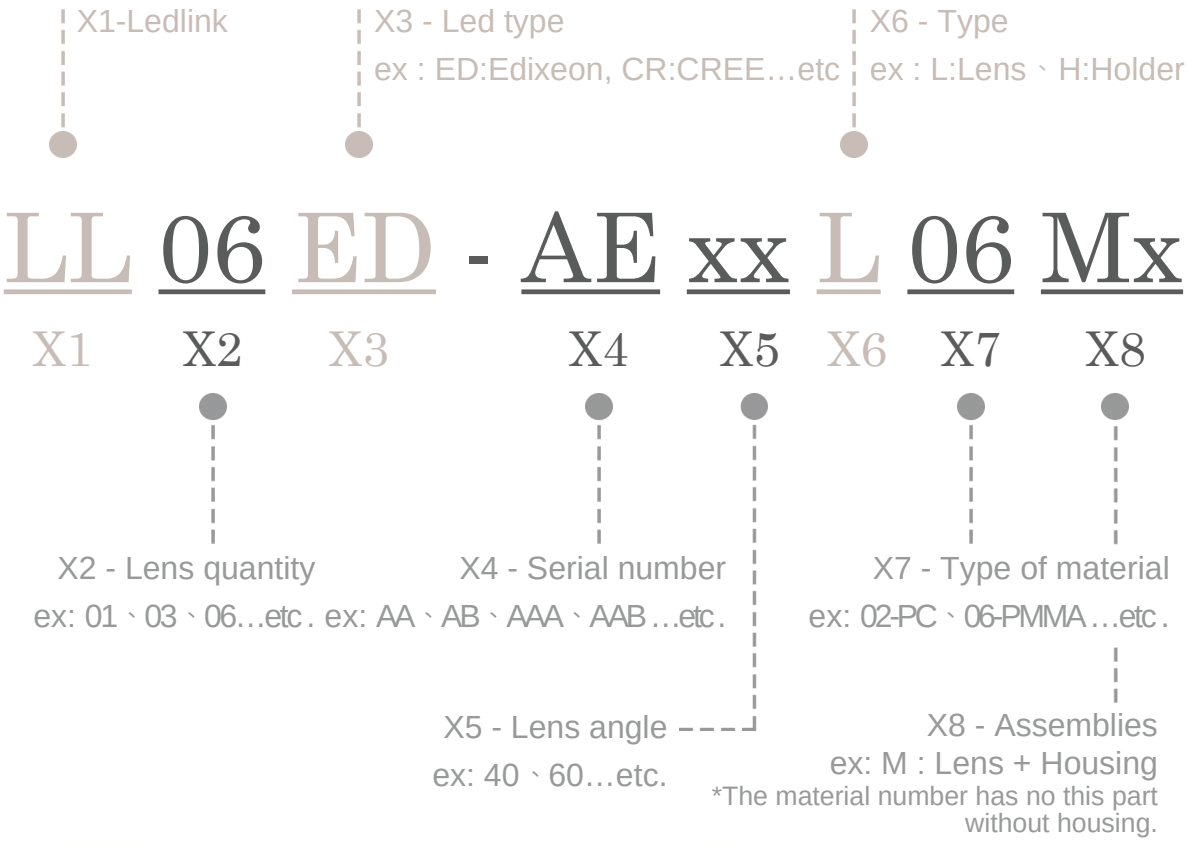
- Lens Material Optical Grade PMMA
- Operating Temperature range -40℃~+70℃(upper limit +80℃)
- Storage Temperature range -40℃~+70℃(upper limit +80℃)

  * 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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LL06ED-AExxL06
Optical Specifications

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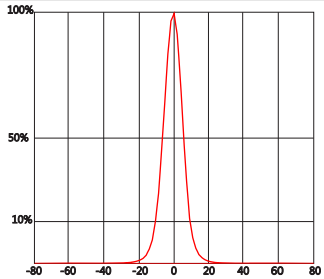
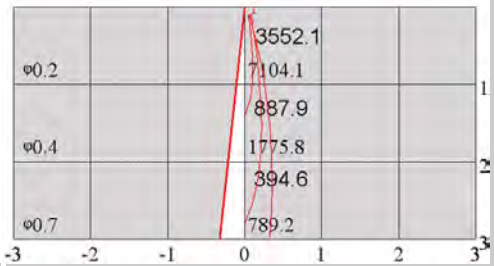
Note: (1) All the results of analysis are based on 0 degrees of elevation.
(2) Tolerance: ±10%.
(3) Led Luminous Flux(lm): 100(±5%).

Part Number	FWHM	Field Angle*	cd / lm	IES File
LL06ED-AE25L06	14°	27°	11.8	Download

Beam Pattern



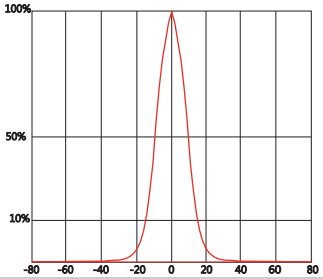
Light Distribution Curve



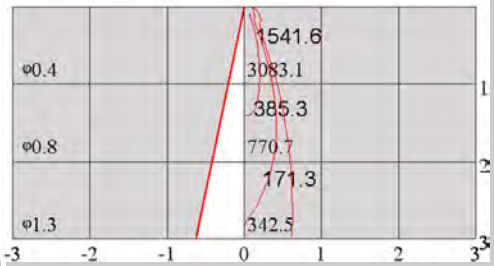
Illuminance Distribution

Part Number	FWHM	Field Angle*	cd / lm	IES File
LL06ED-AE40L06	22°	39°	5.2	Download

Beam Pattern



Light Distribution Curve



Illuminance Distribution

*Current series also come with AE08 and AE60. However, the performance with the LED is not satisfied hence it will not demonstrate here.
*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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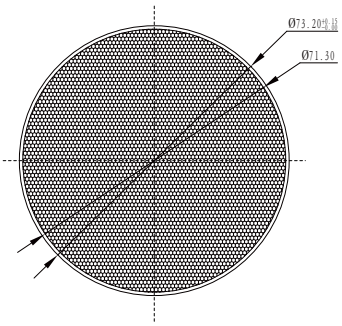
Mechanical Specification

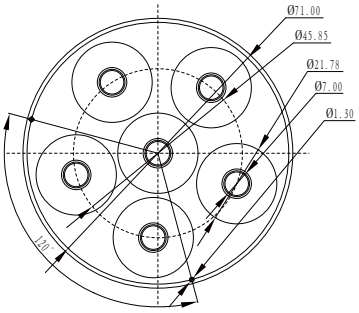
Note: (1)All dimensions are in mm.
(2)All measurements are ± 0.15 mm unless otherwise indicated.

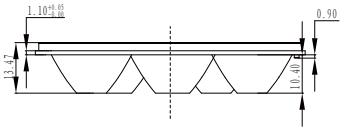
1.Fixing method

☐ 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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