

# Data Sheet

## LL06ED-ADxxL06



### ■ Features & Typical Applications

- High efficiency
- Available in 3 beam Patterns
- Optimized for uniform effects
- Lens without Housing
- Spot Lighting
- Architectural Lighting

### ■ Table of Contents

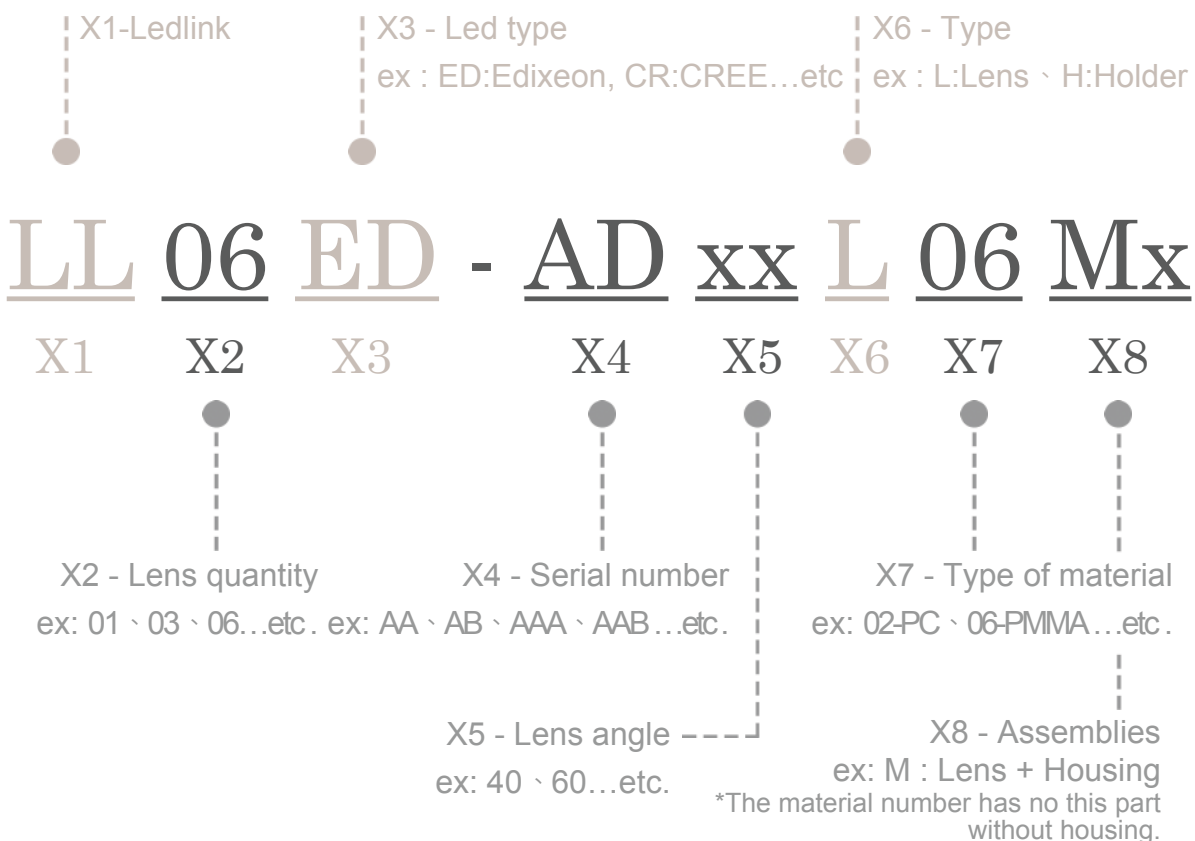
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## General Information

- Lens Material Optical Grade PMMA
- Operating Temperature range -40°C~+70°C(upper limit +80°C)
- Storage Temperature range -40°C~+70°C(upper limit +80°C)
  - \* 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



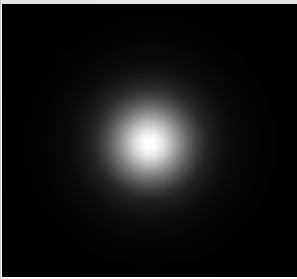
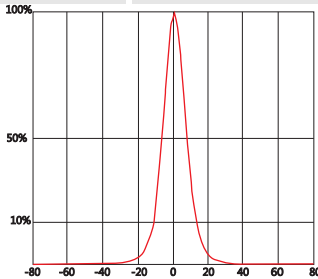
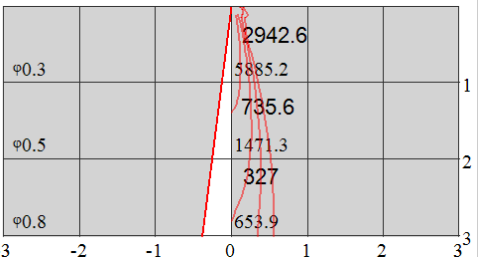

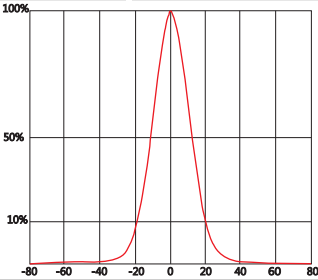
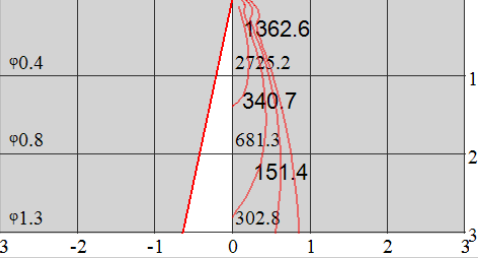
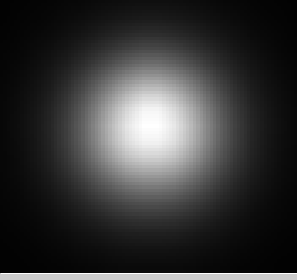
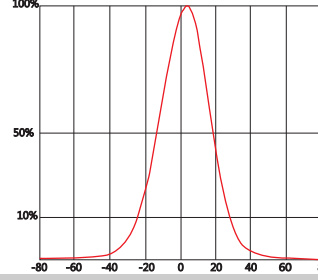
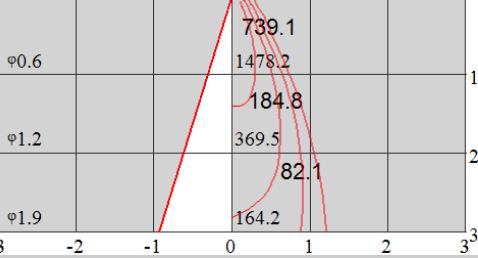
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## Optical Specifications



XP-G

Note: (1) All the results of analysis are based on 0 degrees of elevation.  
 (2) Tolerance:  $\pm 10\%$ .  
 (3) Led Luminous Flux(lm): 666( $\pm 5\%$ ).

Part Number	FWHM	Field Angle*	cd / lm	IES File
LL06ED-AD25L06	15°	30°	8.8	<a href="#">Download</a>
				
Beam Pattern	Light Distribution Curve		Illuminance Distribution	
LL06ED-AD40L06	23°	43°	4.1	<a href="#">Download</a>
				
Beam Pattern	Light Distribution Curve		Illuminance Distribution	
LL06ED-AD60L06	32°	60°	1.5	<a href="#">Download</a>
				
Beam Pattern	Light Distribution Curve		Illuminance Distribution	

\*Current series also come with AD08. 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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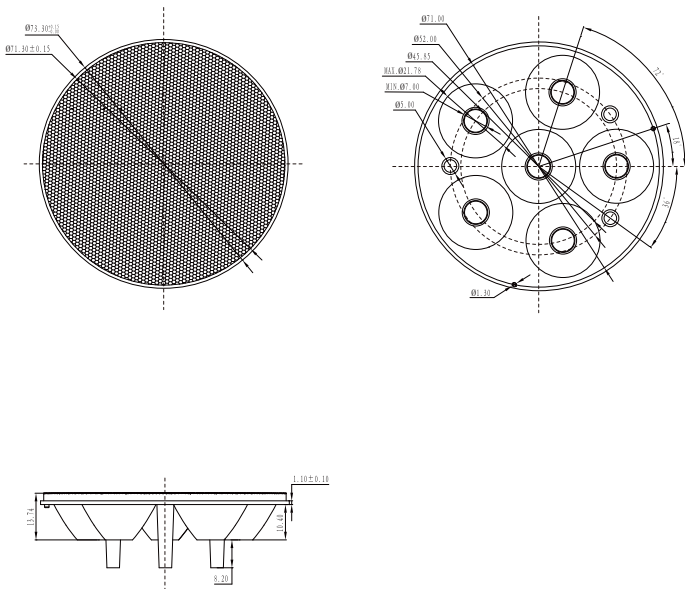
## Mechanical Specification

### 1. Fixing method

- Glue     
  Screw     
  Tape     
  Fixing-ring     
  Frame

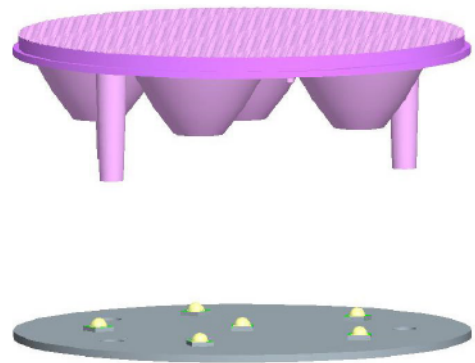
Note: (1) All dimensions are in mm.  
 (2) All measurements are  $\pm 0.15$  mm unless otherwise indicated.

### 2. Lens dimensions

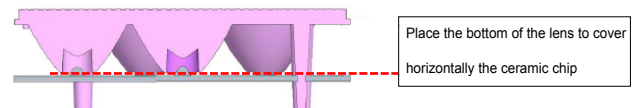


### 4. Lens assembly dimensions

### 3. Lens + Leds + MCPCB assembly instruction



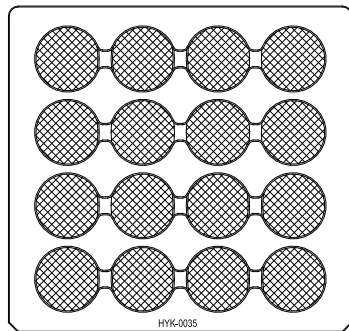
### 5. View assembly lens with MCPCB:



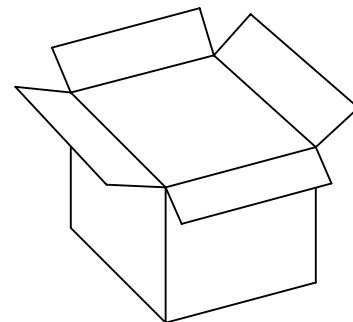
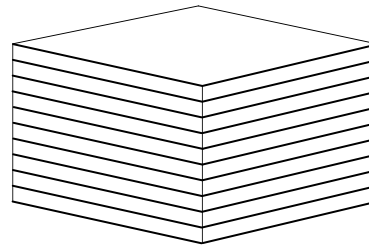
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## Package Specifications

Item	Quantity	Total	Size(L*W*H)	G.W
Plastic box	16 pcs/plastic box	16 pcs	38.2*36.2*2.4cm	31.4g
Outer box	128 pcs/Outer box	128 pcs	40*37*21 cm	



16 pcs/Plastic box



128 pcs/Outer box



Note: