

Data Sheet

LL01ED-AKxxL06



■ Features& Typical Applications

- High efficiency
- Available in 1 beam Patterns
- Optimized for uniform effects
- Lens without Housing
- Decorative Light
- Architectural Lighting
- Down Light

■ Table of Contents

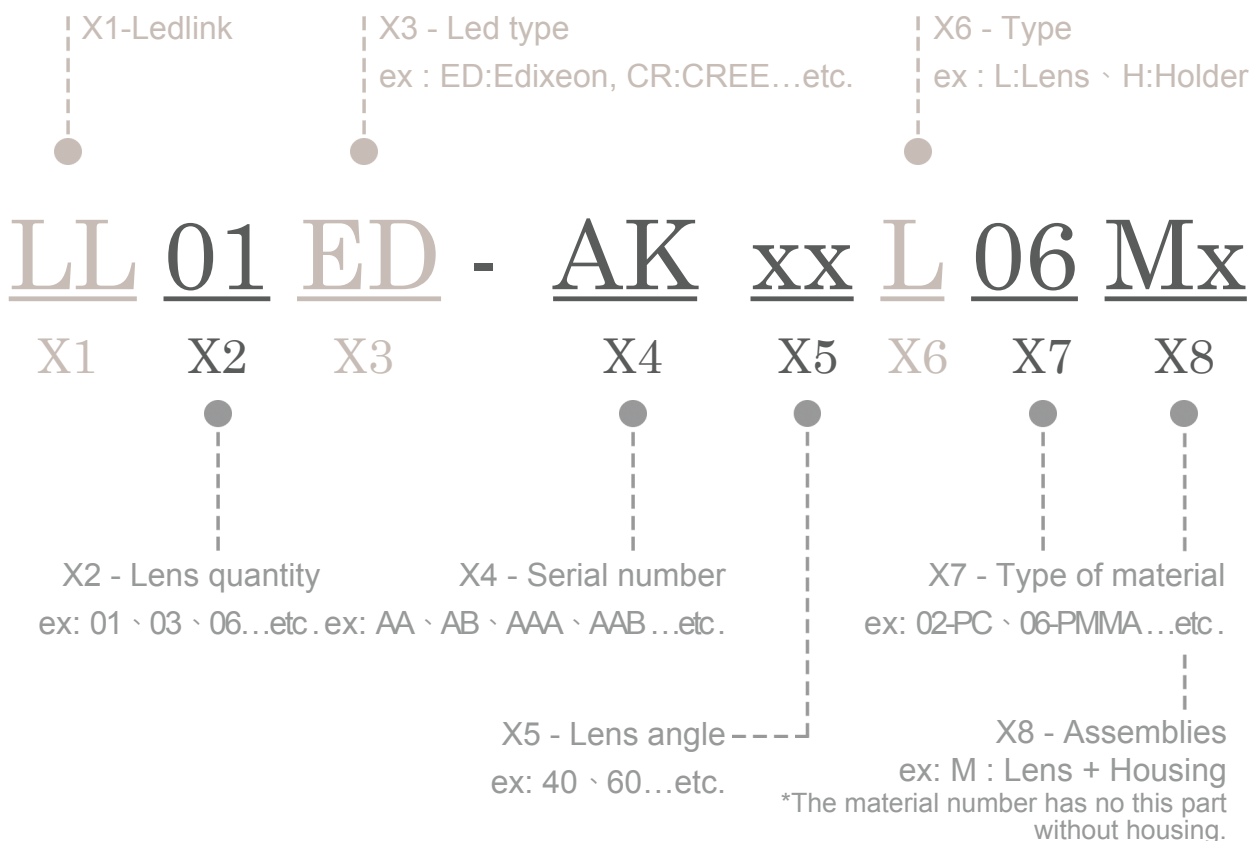
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General Information

- Lens Material Optical Grade PMMA
- Operating Temperature range $-40^{\circ}\text{C} \sim +70^{\circ}\text{C}$ (upper limit $+80^{\circ}\text{C}$)
- Storage Temperature range $-40^{\circ}\text{C} \sim +70^{\circ}\text{C}$ (upper limit $+80^{\circ}\text{C}$)
 - * Average transmittance in visible spectrum $400\text{nm} \sim 700\text{nm} > 90\%$
- 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



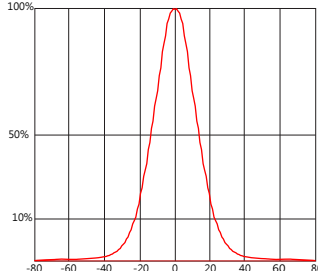
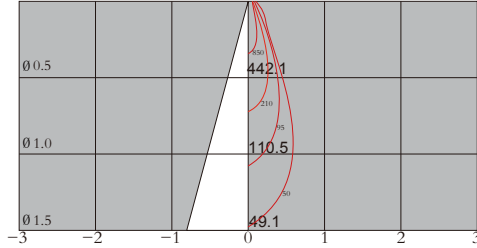
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Optical Specifications



Xlamp MT-G 

Note: (1) degree: tolerance $\pm 2^\circ$
(2) optical value: tolerance $\pm 10\%$

Part Number	FWHM	Field Angle*	cd / lm	IES File
LL01ED-AK40L06	30°	58°	2.8	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

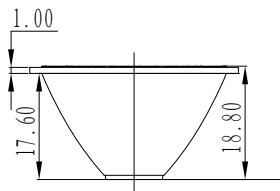
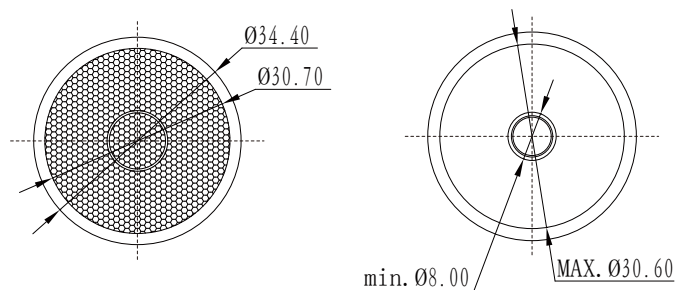
☐ Screw

☐ Tape

☐ Fixing-ring

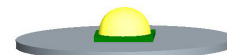
☒ Frame

2. Lens dimensions

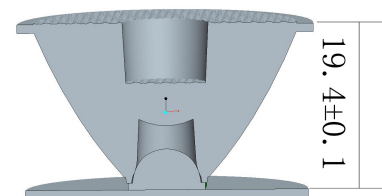


4. Lens assembly dimensions

3. Lens + Leds+MCPCB assembly instruction



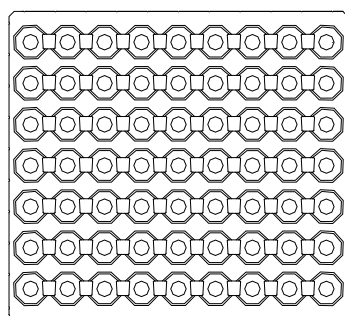
5. View assembly lens with MCPCB:



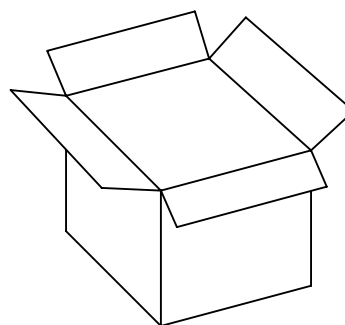
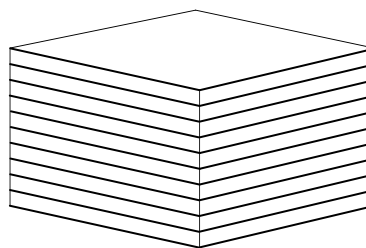
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Package Specifications

Item	Quantity	Total	Size(L*W*H)	G.W
Inner box		63 pcs	33*30*2.1 cm	8.0g
Outer box	567 pcs/ Outerbox	567 pcs	35*31*21 cm	
Outer box				



63pcs/inner box



567pcs/Outer box



Note: