

Data Sheet

LL01LU-ABW1050L02



Features& Typical Applications

- Decorative Light
- Architectural Lighting

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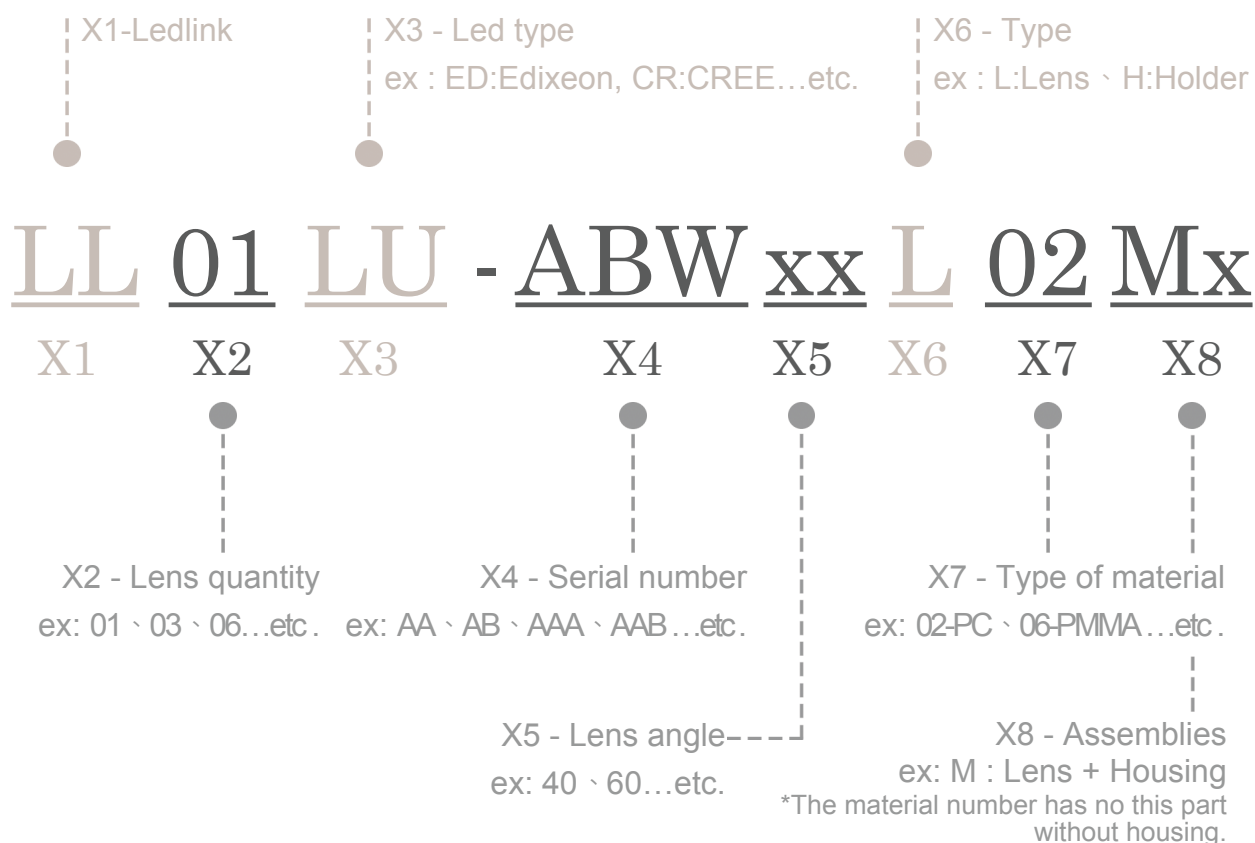
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General Information

- Lens Material Optical Grade PC
- Operating Temperature range $-40^{\circ}\text{C} \sim +110^{\circ}\text{C}$ (upper limit $+120^{\circ}\text{C}$)
- Storage Temperature range $-40^{\circ}\text{C} \sim +110^{\circ}\text{C}$ (upper limit $+120^{\circ}\text{C}$)
 - * 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



LL01LU-ABW1050L02

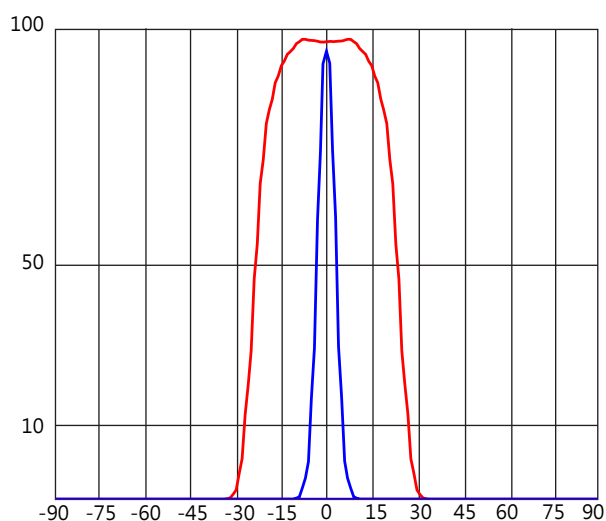
Optical Specifications



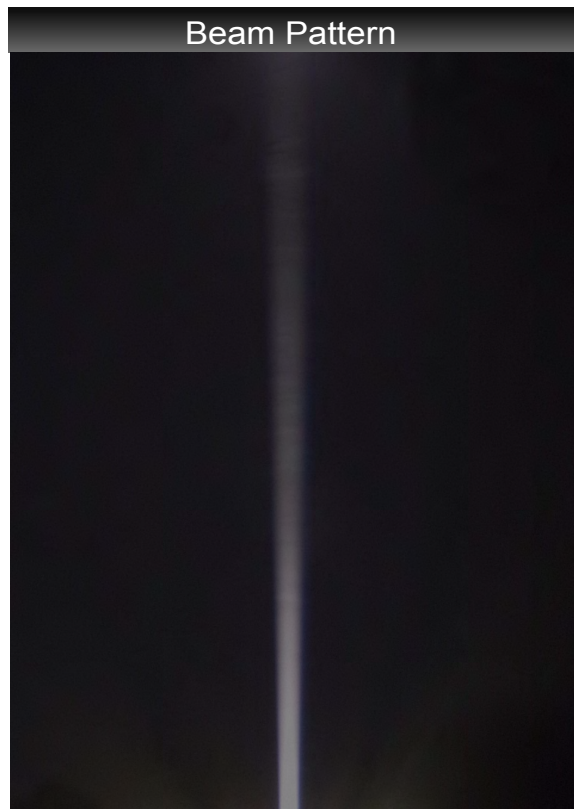
Note: (1) Tolerance: $\pm 10\%$

IES File: [Download](#)

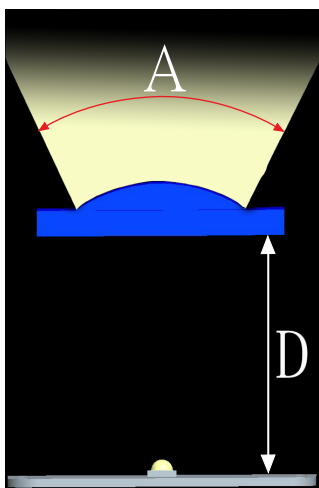
Light Distribution Curve



Beam Pattern



Beam angle(A) v.s. Relative distance(D)



D(mm)	A
25.35	(min.)2°
16.30	20°
13.40	30°
10.65	40°
6.50	60°
3.65	80°

*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

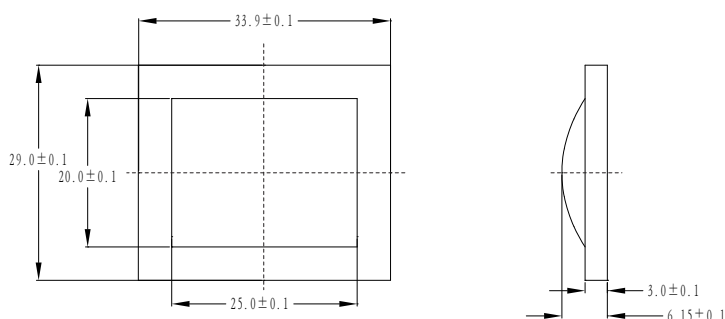
☐ Screw

☐ Tape

☐ Fixing-ring

☐ Frame

2. Lens dimensions

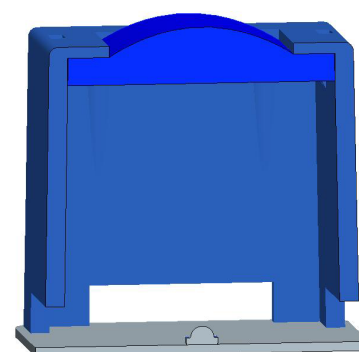


3. Lens + Leds+MCPCB assembly instruction



4. Lens assembly dimensions

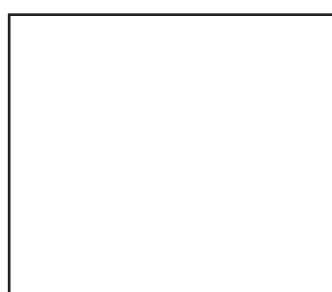
5. View assembly lens with MCPCB:



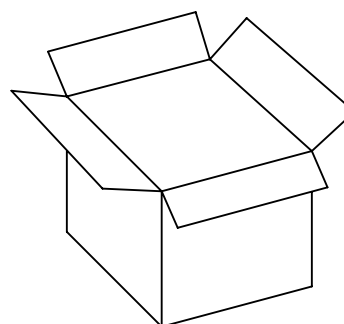
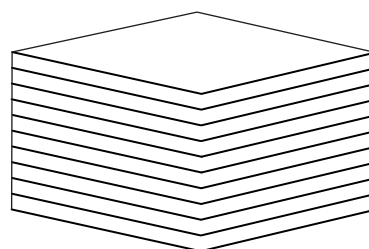
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Package Specifications

Item	Quantity	Total	Size(L*W*H)	G.W
Inner box		1 pcs	10*4 cm	4.7g
Outer box	250 pcs/plastic bags	250 pcs	50*42 cm	
Outer box	4*250 pcs/box	1000 pcs	40*37*21 cm	



250 pcs/plastic bags



1000pcs/inner box



Note: