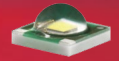
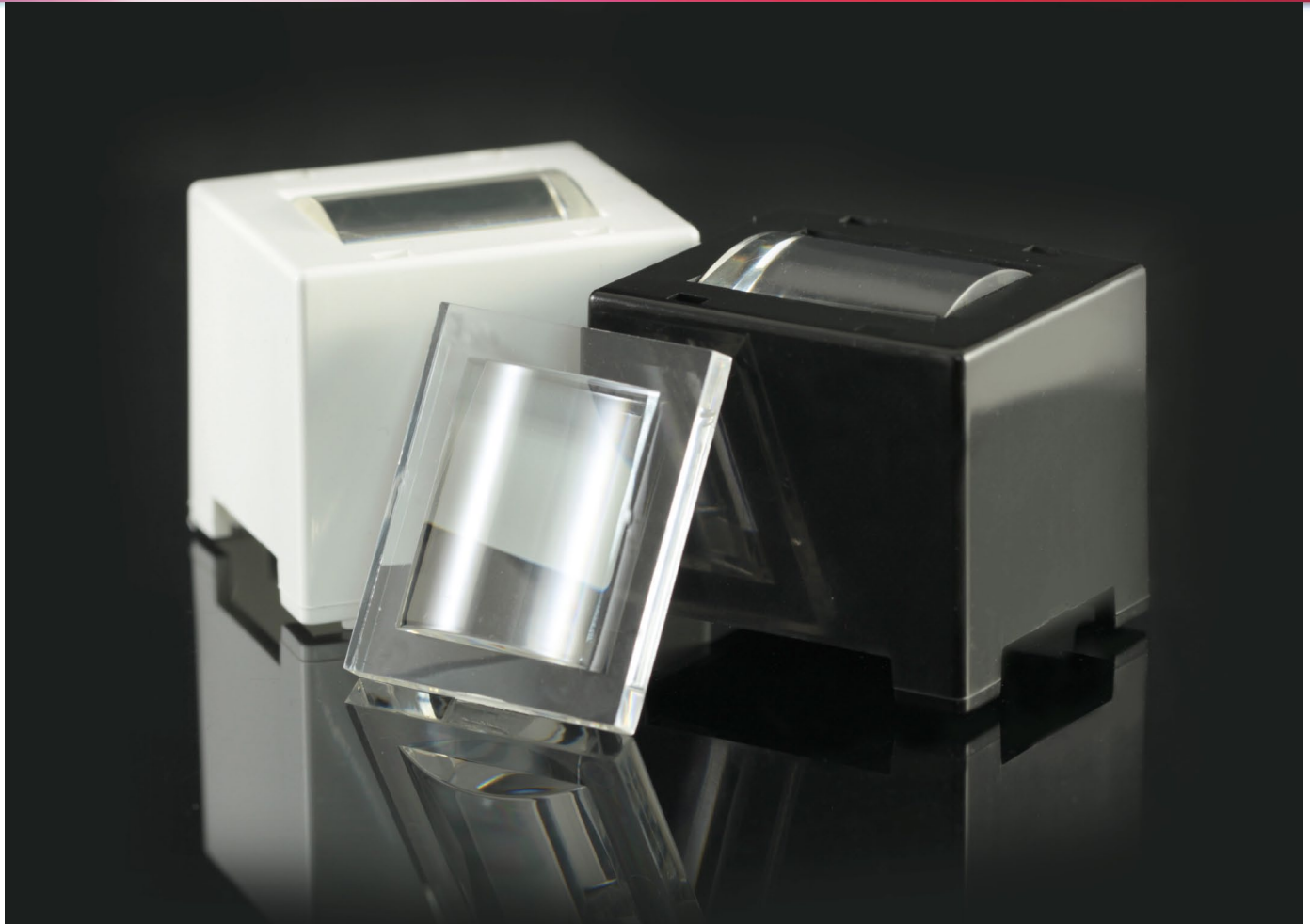


# Data Sheet

LL01LU-ABW1050L02-Mx



Xlamp XP-E



## ■ Features & Typical Applications

- Decorative Light
- Lens with Housing
- Architectural Lighting

## ■ Table of Contents

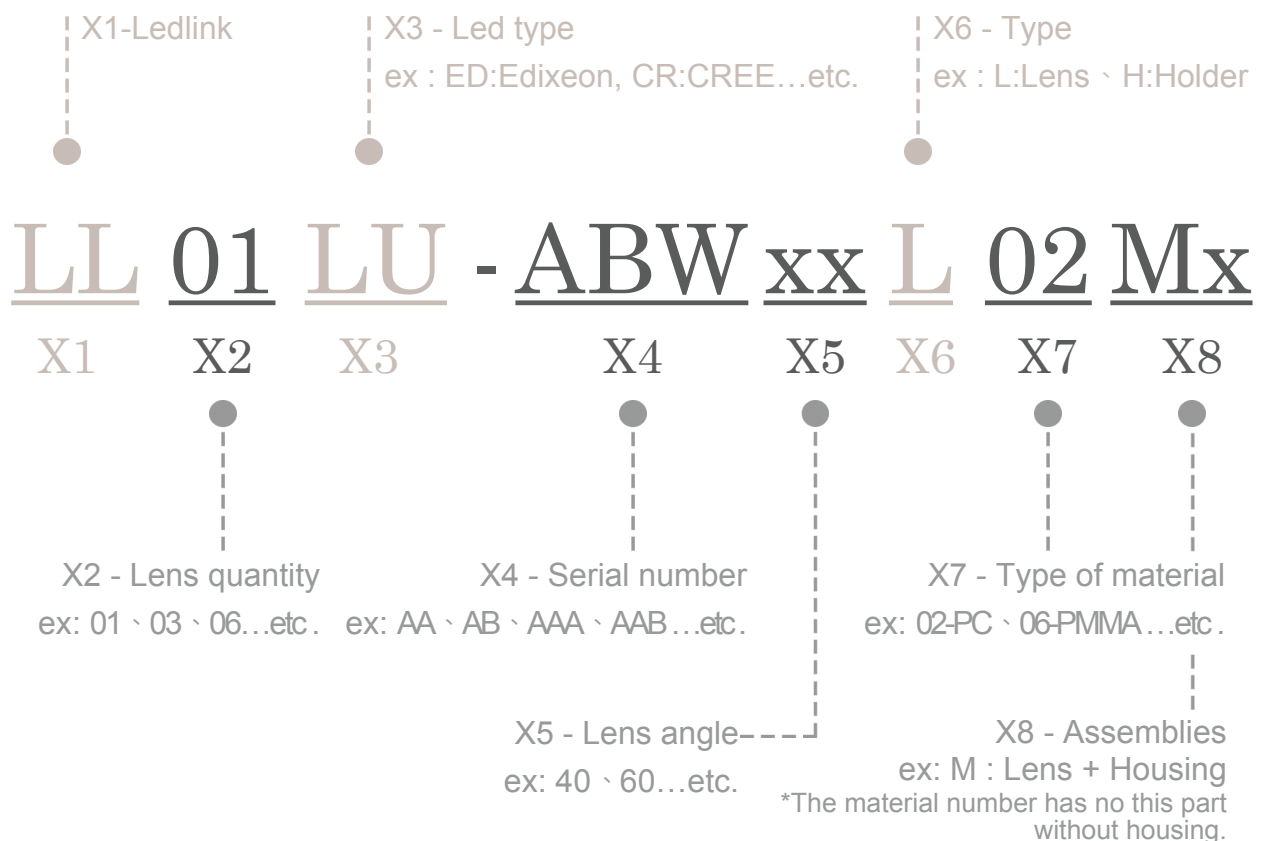
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# LL01LU-ABW1050L02-Mx

## General Information

- Lens Material Optical Grade PC
- Operating Temperature range -40°C~+110°C(upper limit +120°C)
- Storage Temperature range -40°C~+110°C(upper limit +120°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



# LL01LU-ABW1050L02-Mx

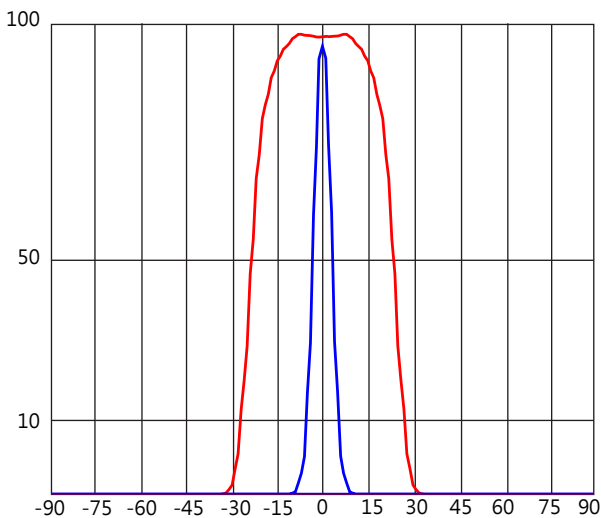
## Optical Specifications



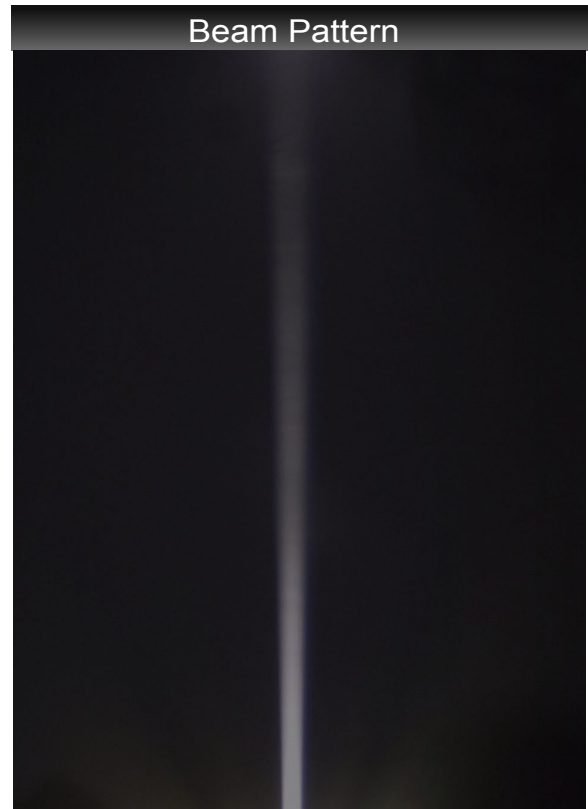
Note: (1) All the results of analysis are based on 0 degrees of elevation.  
 (2) Tolerance:  $\pm 10\%$ .  
 (3) Led Luminous Flux(lm): 100( $\pm 5\%$ ).

IES File: [Download](#)

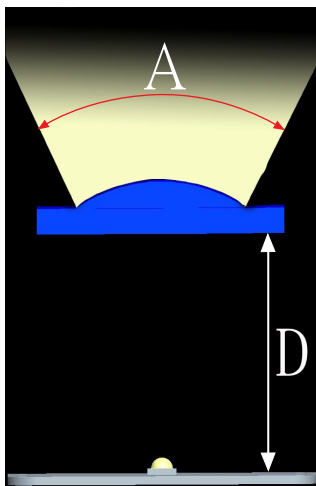
Light Distribution Curve



Beam Pattern



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



D(mm)	A
25.35	(min.) $2^{\circ}$
16.30	$20^{\circ}$
13.40	$30^{\circ}$
10.65	$40^{\circ}$
6.50	$60^{\circ}$
3.65	$80^{\circ}$

\*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.

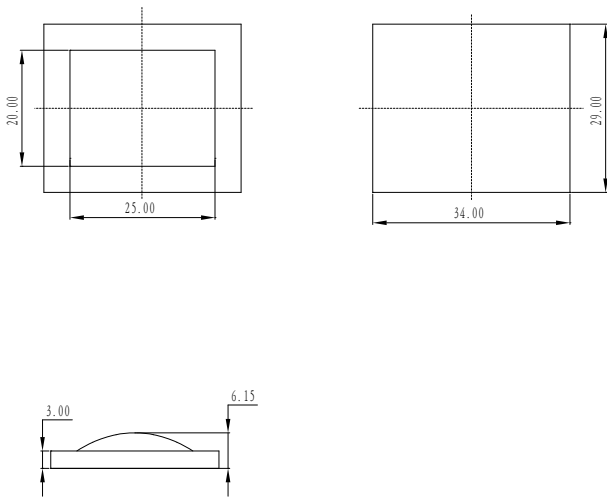
# LL01LU-ABW1050L02-Mx Mechanical Specification

## 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.

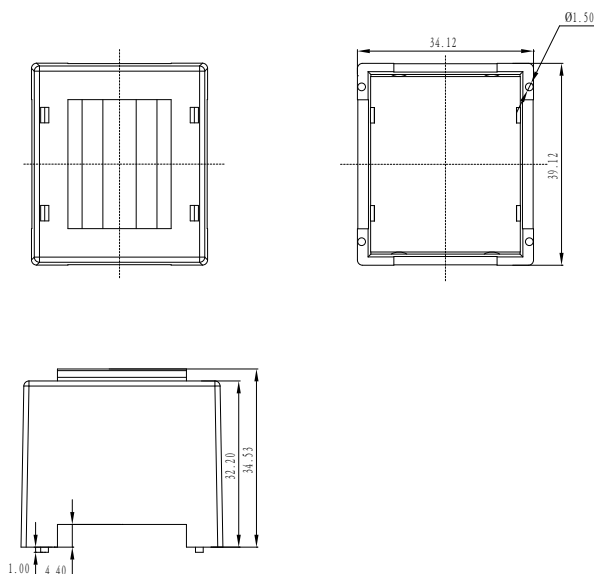
## 2. Lens dimensions



## 3. Lens + Leds + MCPCB assembly instruction



## 4. Lens assembly dimensions



## 5. View assembly lens with MCPCB:

