

Data Sheet

LL01LU-AGV80150L02



Similar Products



LL01CR-XW70140L02

■ Features& Typical Applications

- High efficiency
- Optimized for uniform effects
- Street Lights

■ Table of Contents

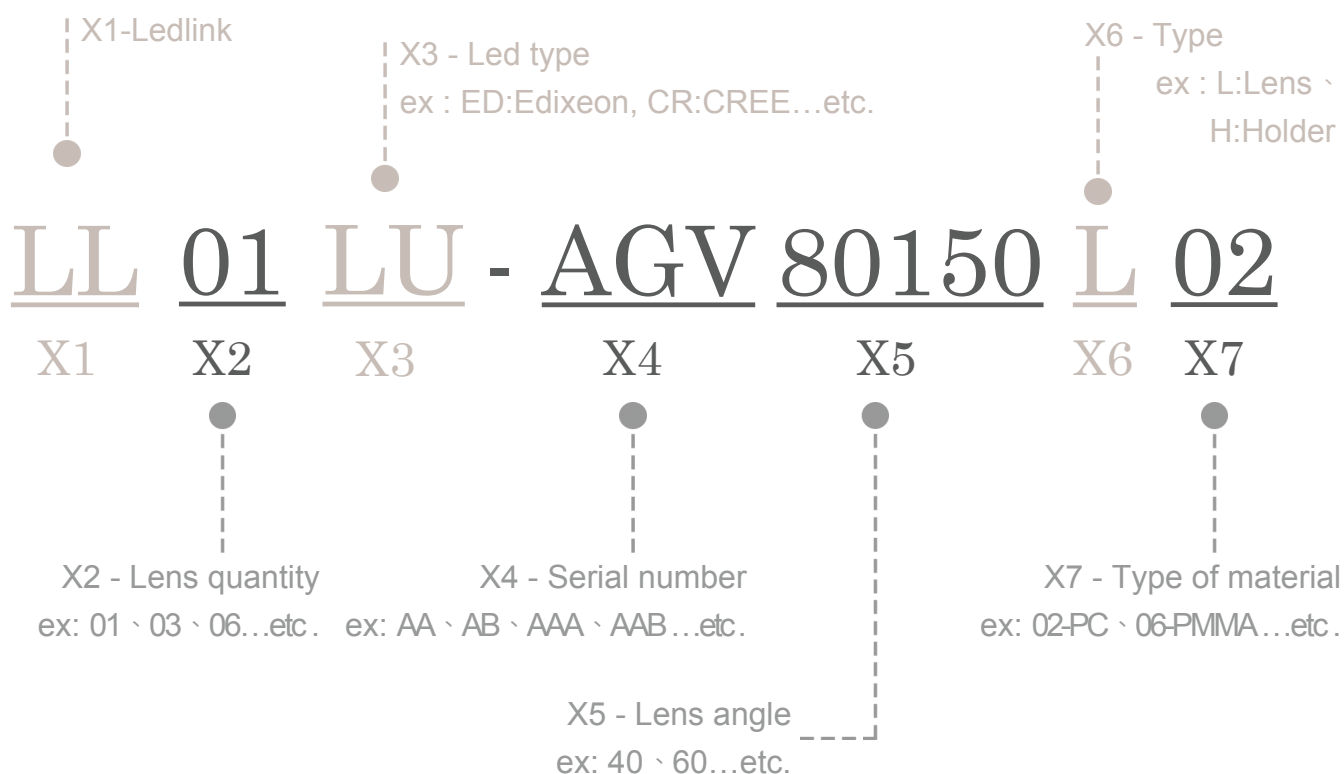
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LL01LU-AGV80150L02

General Information

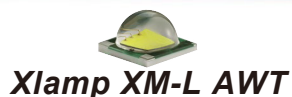
- Lens Material Optical Grade PC
- Operating Temperature range -40°C~+110°C(upper limit +120°C)
- Storage Temperature range -40°C~+110°C(upper limit +120°C)
 - * Average transmittance in visible spectrum 400nm~700nm>90%
- Usage and Maintenance:
 1. If necessary, clean lenses with mild soap, water and 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-AGV80150L02

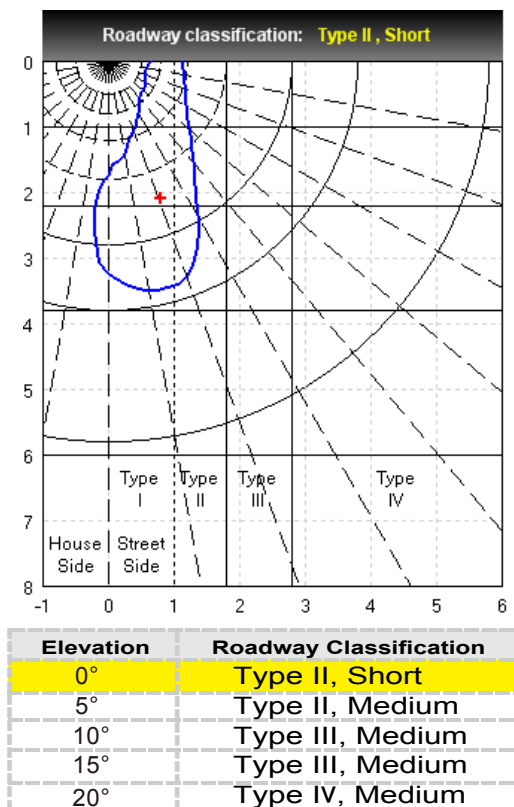
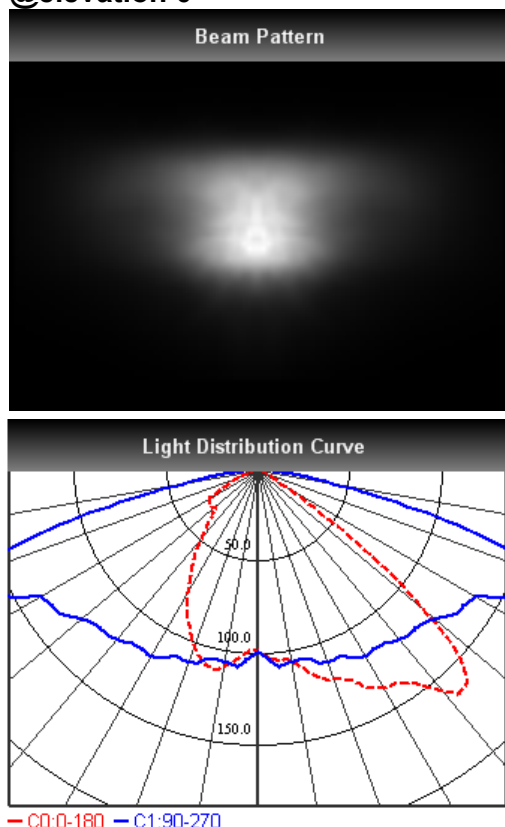
Optical Specifications



Note: (1) All the results of analysis are based on 0 degrees of elevation
(2) Tolerance: $\pm 10\%$

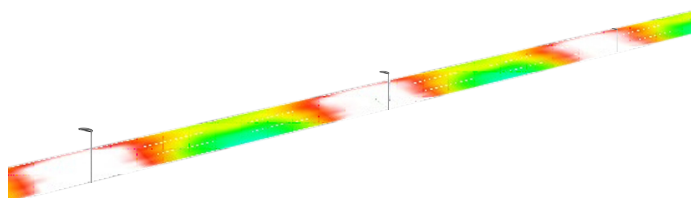
IES File: [Download](#)

@elevation 0°



Dialux Simulation Result

Analyzed file: [Download](#)



Note: UI = longitudinal uniformity
Uo = overall uniformity
TI = threshold increment
SR = surround ratio

Recommend configuration condition

Height = 10m
Distance = 37.5m
Roadweith = 10m
Elevation = 0 degree
Overhang = 0.5m

Result

Uo = 0.5
UI = 0.7
TI = 14%
SR = 0.7

*The results would be similar if the configuration conditions are equally magnified or minified.

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*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.

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

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Mechanical Specification

1. Fixing method

Note: All dimensions are in mm.

☐ Glue

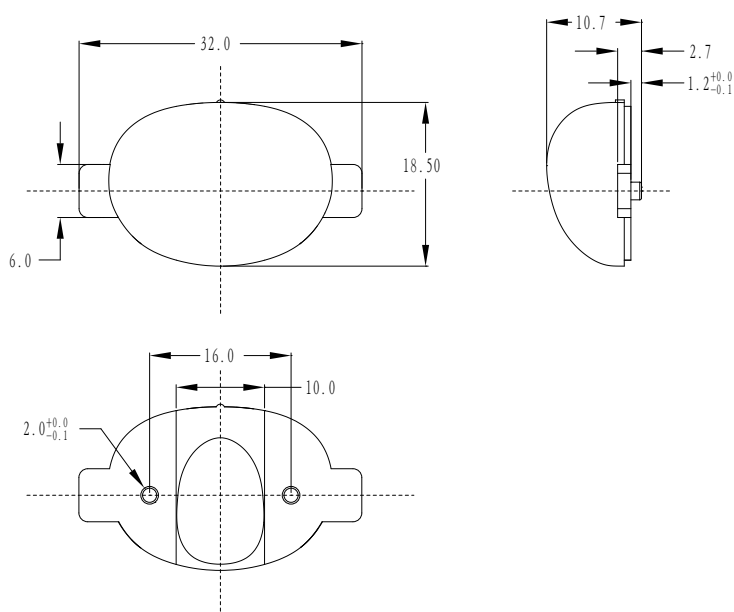
☐ Screw

☐ Tape

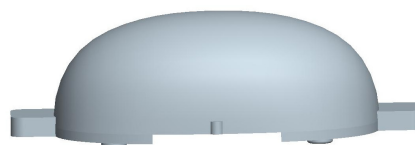
☒ Fixing-ring

☒ Frame

2. Lens dimensions



3. Lens + Leds+MCPCB assembly instruction



4. Lens assembly dimensions

5. View assembly lens with MCPCB:

