LedLink
Linking LEDs to The Real World

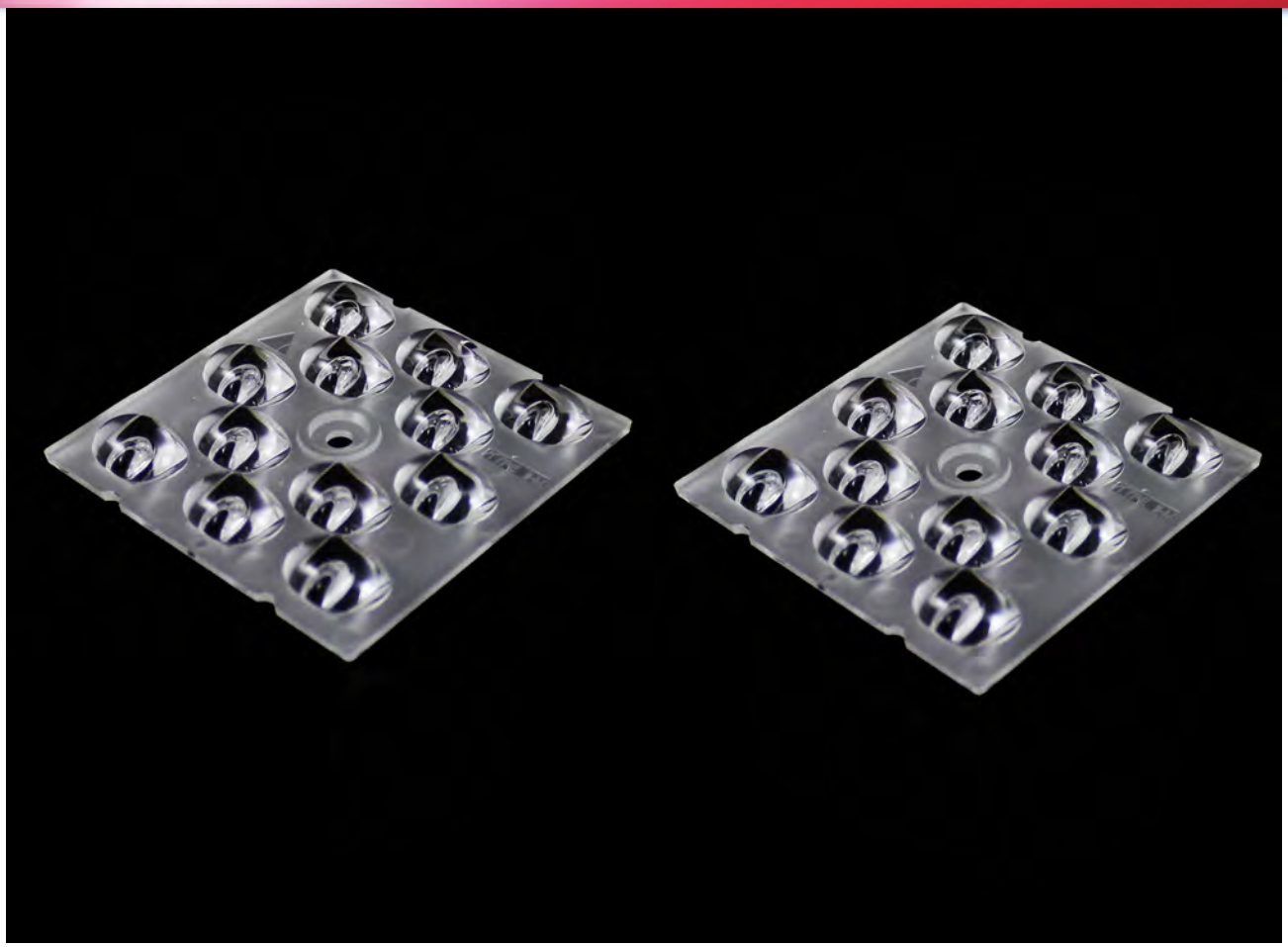
V1.2_20160411

Data Sheet

LL12ZZ-CRC45155L19

EDISON

3030



Features & Typical Applications

- High efficiency
- Optimized Uniformity
- Roadway Lighting
- Anti-glare

Table of Contents

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

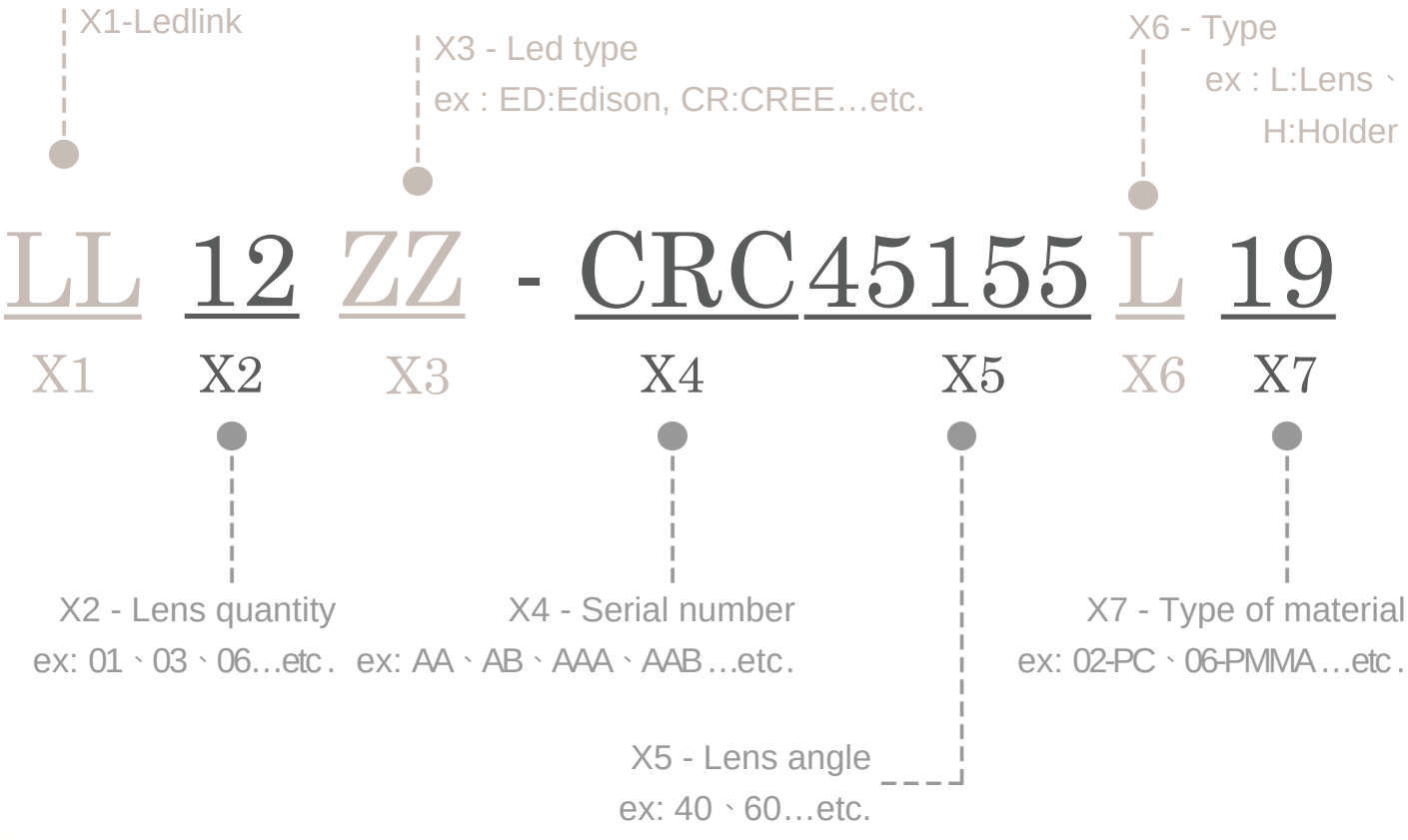
LL12ZZ-CRC45155L19

General Information

- Lens Material :PC 1250Z
- Operating Temperature range -40℃~+110℃(upper limit +120℃).
- Storage Temperature range -40℃~+110℃(upper limit +120℃).
  * 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



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

LL12ZZ-CRC45155L19
Optical Specifications

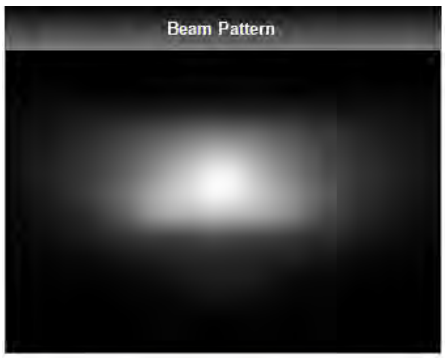
EDISON

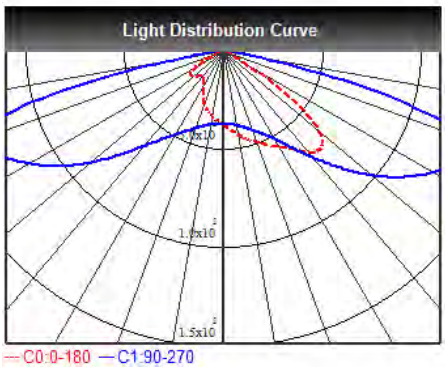
3030

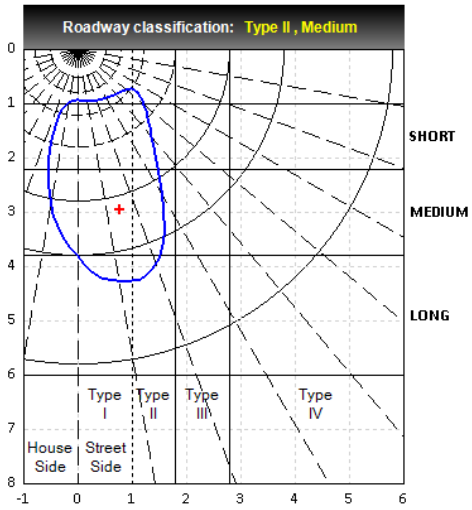
Note: (1) All the results of analysis are based on 0 degrees of elevation.
(2) Tolerance: ±10%.
(3) Led Luminous Flux(lm): 2880(±5%).

IES File: Download

@elevation 0°



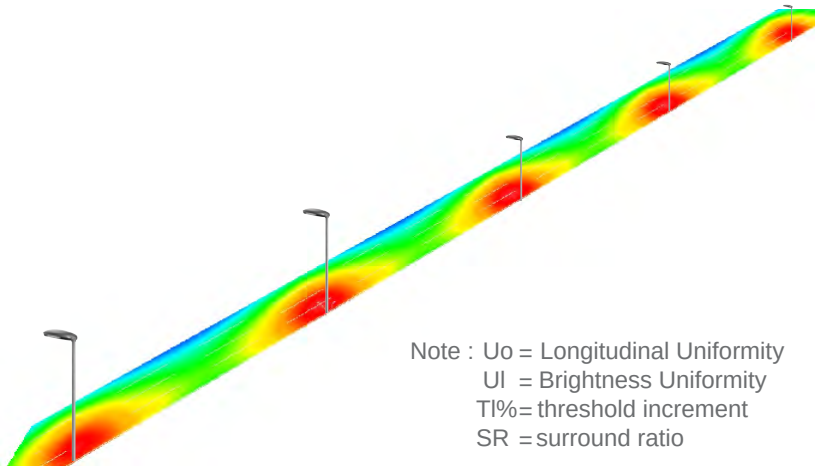




Elevation	Roadway Classification
0°	Type II , Medium
5°	Type III , Medium
10°	Type III , Medium
15°	Type IV , Medium
20°	Type IV , Medium

DIALux Simulation Result

Analyzed file: Download



Note : Uo = Longitudinal Uniformity
UI = Brightness Uniformity
TI%= threshold increment
SR = surround ratio

Recommend configuration condition		
Height	=	10m
Distance	=	40m
Roadwidth	=	14m
Elevation	=	0 degree
Overhang	=	1.0m

Result		
Emin / Emax	=	0.34
Emin / Eavg	=	0.53
UI	=	0.83
Uo	=	0.45
TI	=	15%
SR	=	0.61

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

*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.
*The analyzed file reqire DIALux v4.12 and above to open.

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

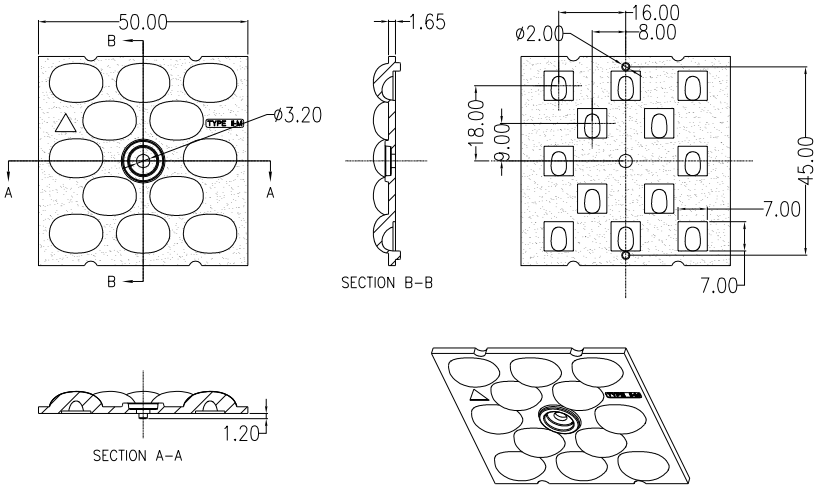
LL12ZZ-CRC45155L19
Mechanical Specification

1.Fixing method

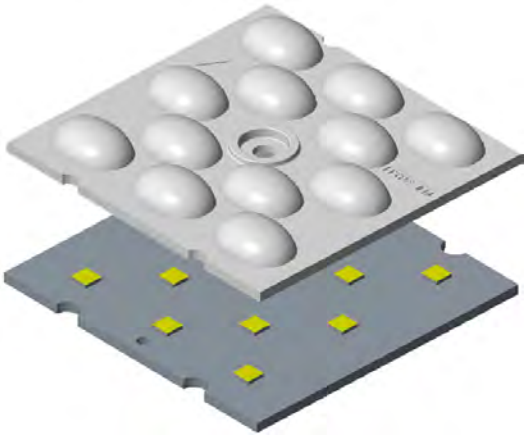
Note: (1)All dimensions are in mm.
(2)All measurements are ± 0.15 mm unless otherwise indicated.

■ Glue ■ Screw ☐ Tape ☐ Fixing-ring ■ Frame

2.Lens dimension

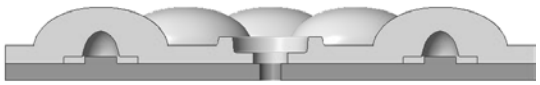


3. Assembly instruction



4.Assembly dimension

5. View assembly lens with MCPCB:



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