LedLink
Linking LEDs to The Real World

V1.2_20150323

Data Sheet

LL01NI-BLL170L06-T

LITEON OPTOELECTRONICS



3030



Features & Typical Applications

- High efficiency
- Available with 1 beam angle
- Optimized Uniformity
- Lens without Holder

- Downlight
- Backlight
- Decorative Lighting

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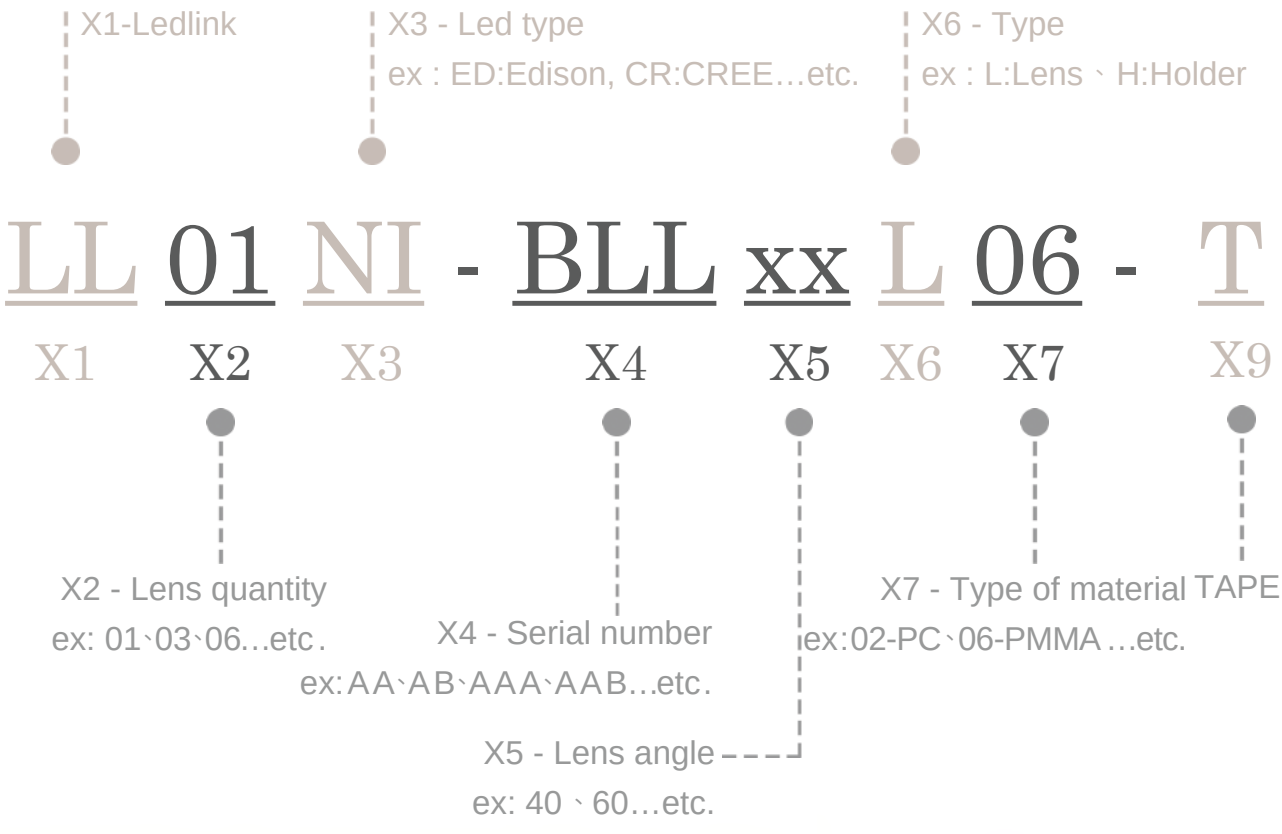
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General Information

- Lens Material : PMMA 8N
- Operating Temperature range -40℃~+70℃(upper limit +80℃).
- Storage Temperature range -40℃~+70℃(upper limit +80℃).
  * 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



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Optical Specifications

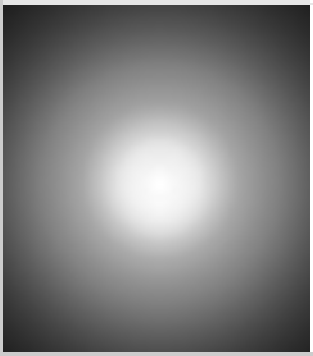
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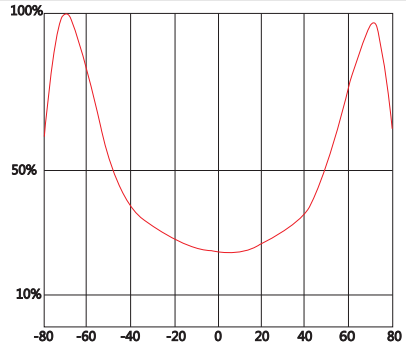
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Note: (1) All the results of analysis are based on 0 degrees of elevation.
(2) Tolerance: ±10%.
(3) Led Luminous Flux(lm): 90(±5%).

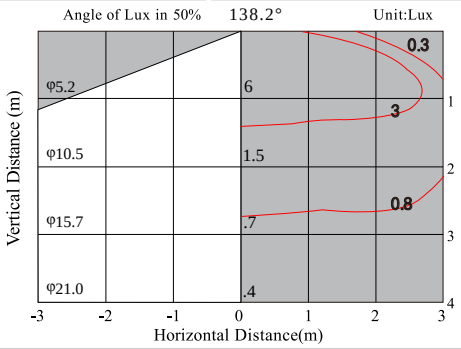
Part Number	FWHM	Field Angle*	cd / lm	IES File
LL01NI-BLL170L06-T	163°	178°	0.3	Download



Beam Pattern

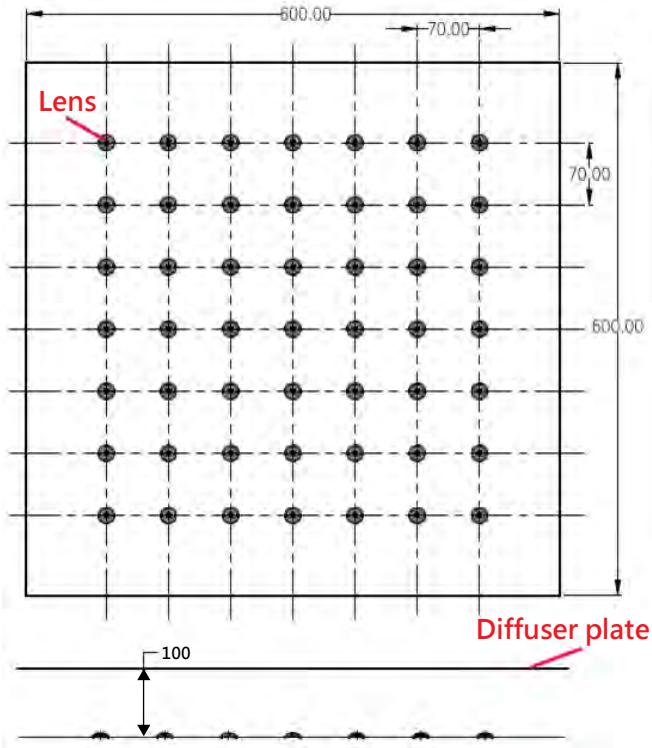


Candela Distribution

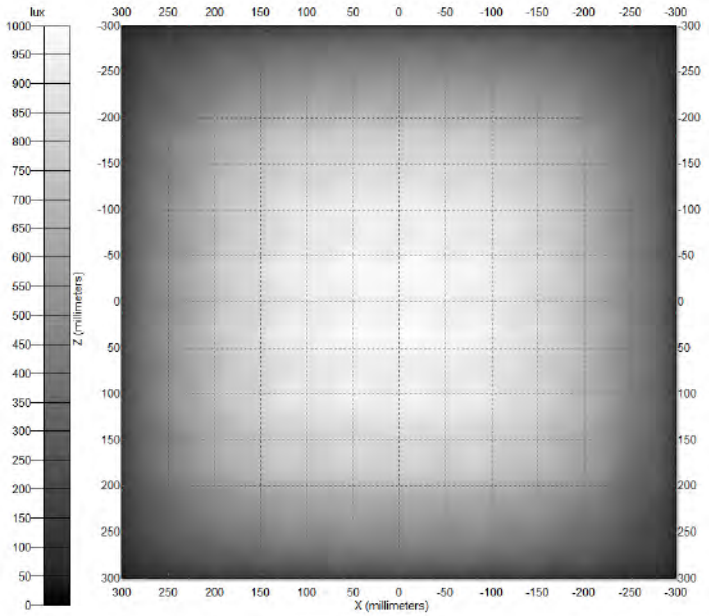


Illuminance Distribution

● Recommended assembly



● Lighting effects



*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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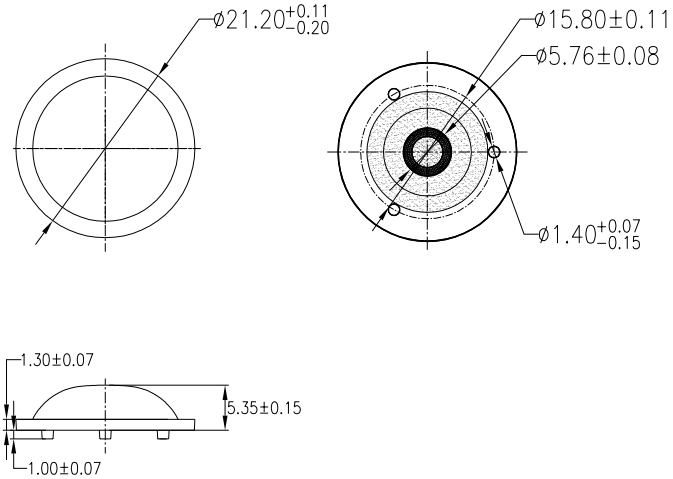
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Mechanical Specification

1.Fixing method

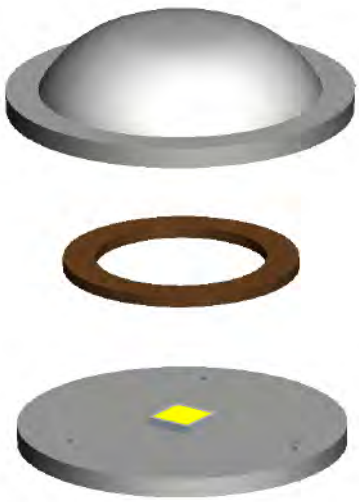
Note: (1)All dimensions are in mm.
(2)All tolerance are ± 0.15 mm unless otherwise specified.

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

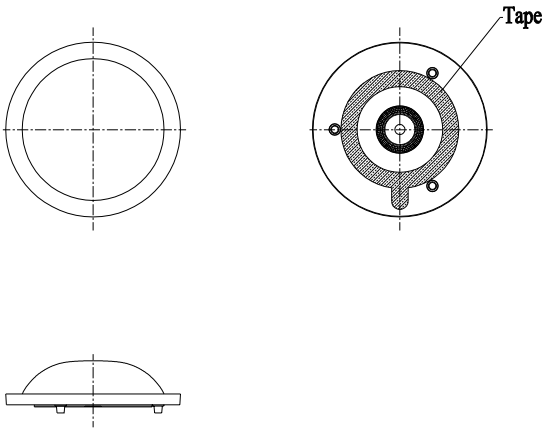
2.Lens dimension



3. Lens + Type + Leds assembly instruction

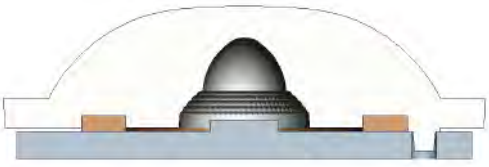


4.Assembly dimension



Tape part number ：LL01A00XILX

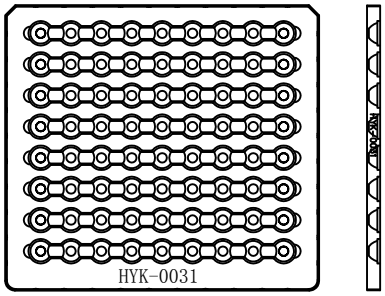
5. View assembly lens with LED:



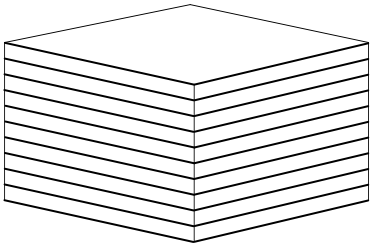
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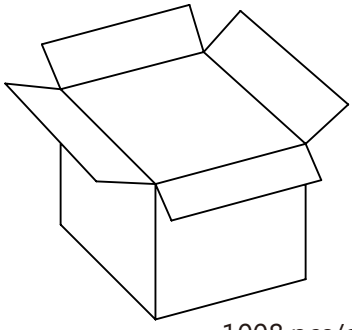
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Package Specifications

Item	Quantity	Total	Size(L*W*H)	G.W
plastic box	72 pcs/plastic box	72 pcs	33.2*30.2*1.4 cm	1.2g
outer box	14 plastic box/outer box	1008 pcs	29*29*22 cm	



72 pcs/plastic box





1008 pcs/outer box

Note:

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