

Data Sheet

LL01NI-NExxL06-M2-T

 **NICHIA**



NVS19B



Features & Typical Applications

- High efficiency
- Available with 7 beam angles
- Optimized Uniformity
- Lens with Holder
- Spotlight
- Architectural Lighting
- Commercial Lighting

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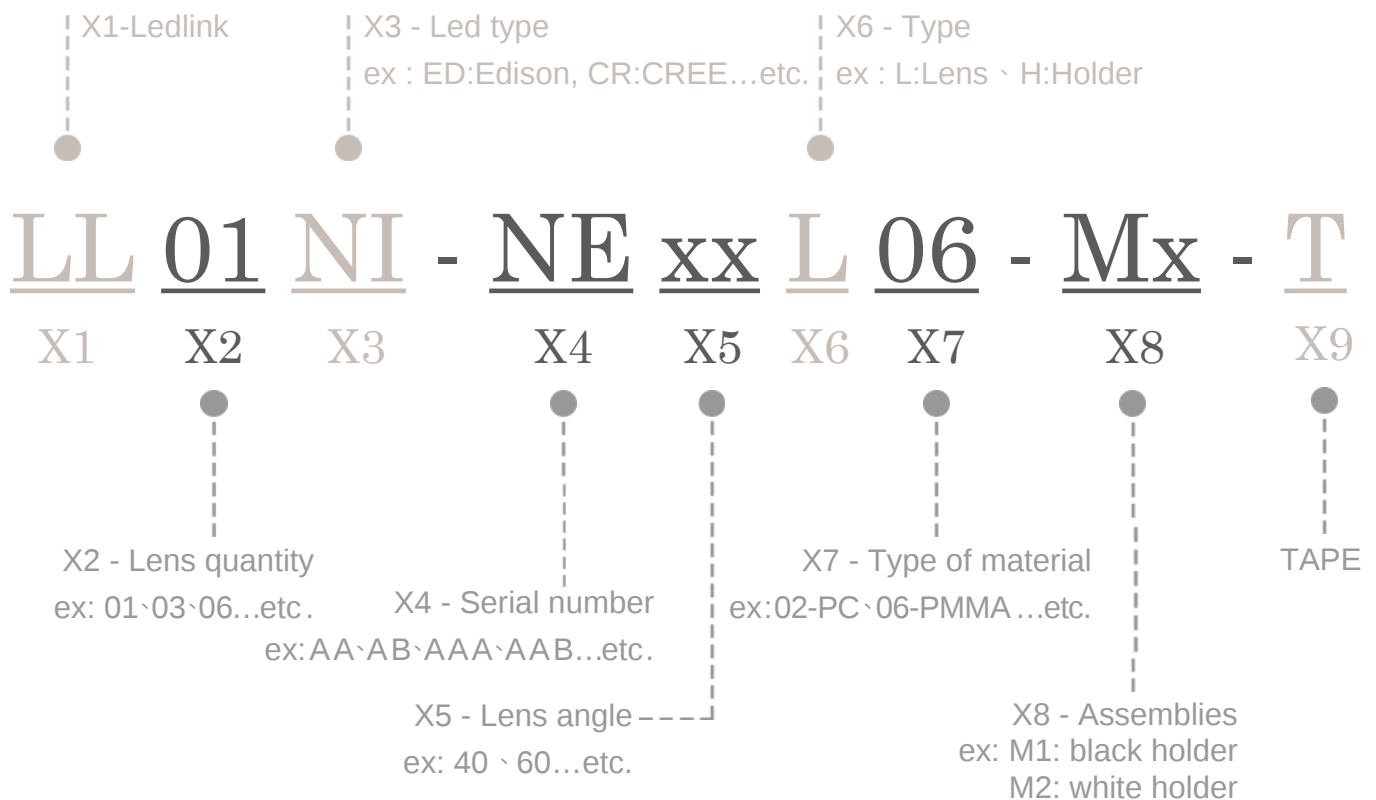
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General Information

- Lens Material : PMMA 8N
- Holder Material : PC URC2500
- Operating Temperature range $-40^{\circ}\text{C} \sim +70^{\circ}\text{C}$ (upper limit $+80^{\circ}\text{C}$).
- Storage Temperature range $-40^{\circ}\text{C} \sim +70^{\circ}\text{C}$ (upper limit $+80^{\circ}\text{C}$).
- * 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

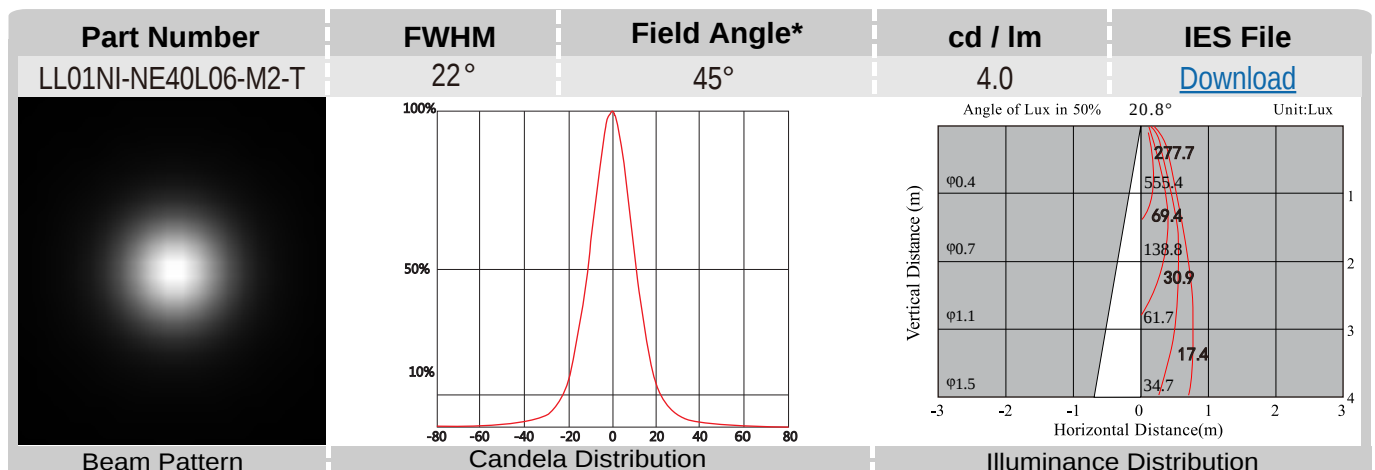
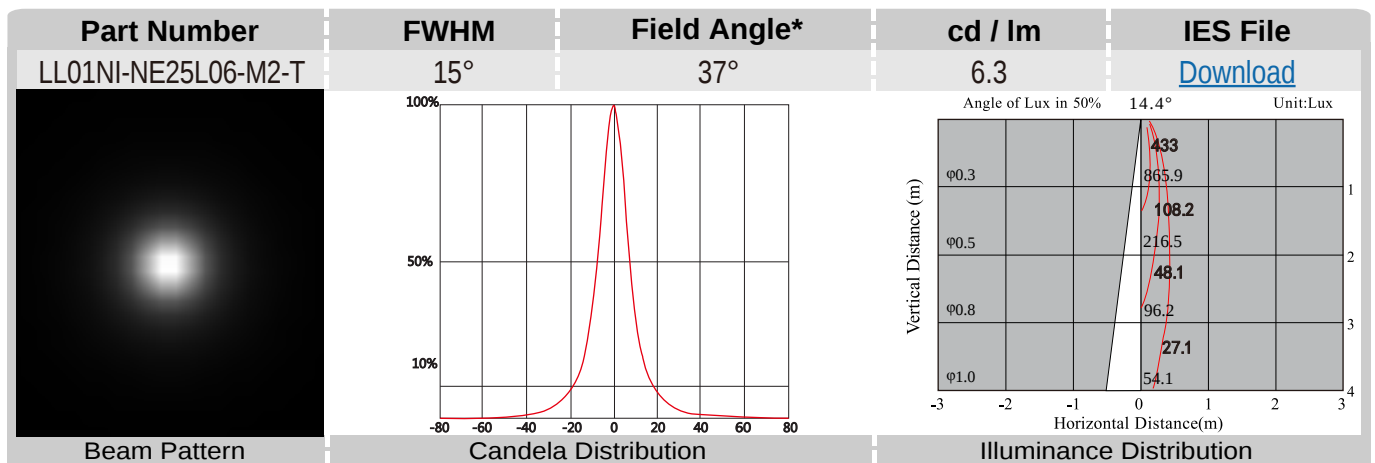
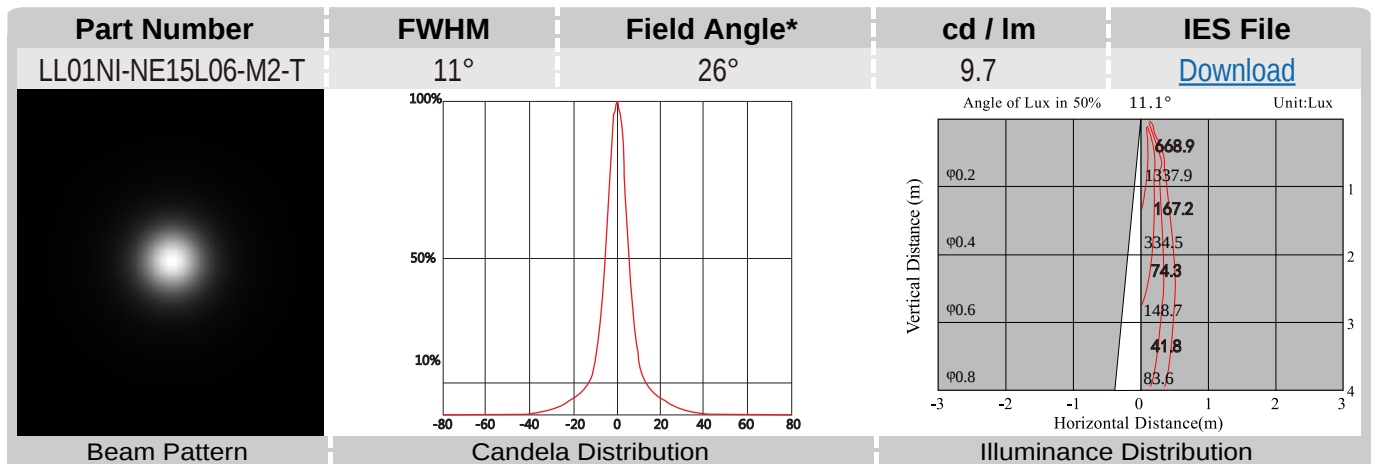


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Optical Specifications

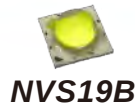


Note: (1) All the results of analysis are based on 0 degrees of elevation.
 (2) Tolerance: $\pm 10\%$.
 (3) Led Luminous Flux(lm): 138($\pm 5\%$).

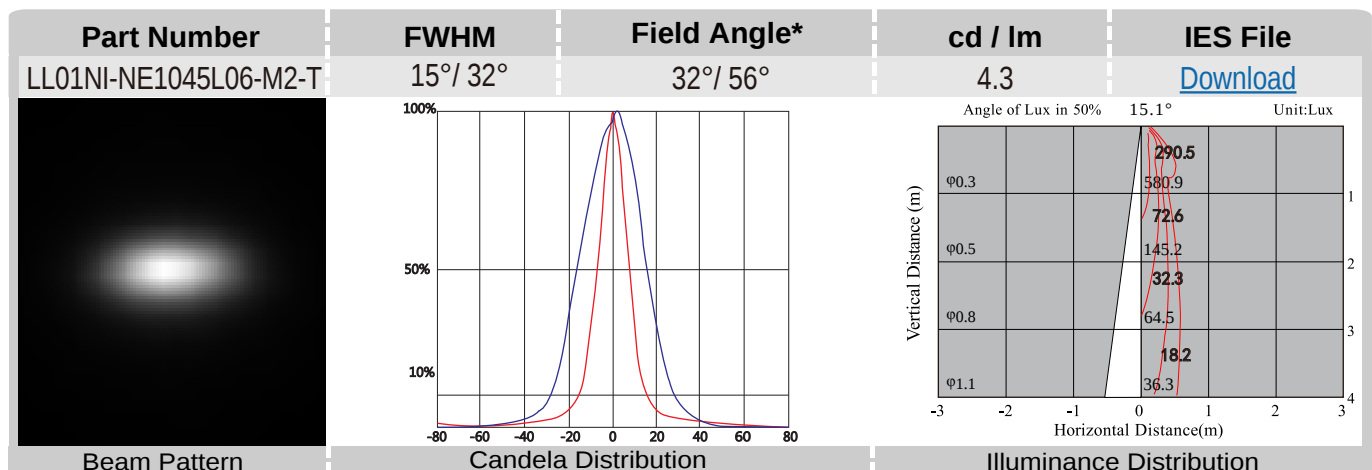
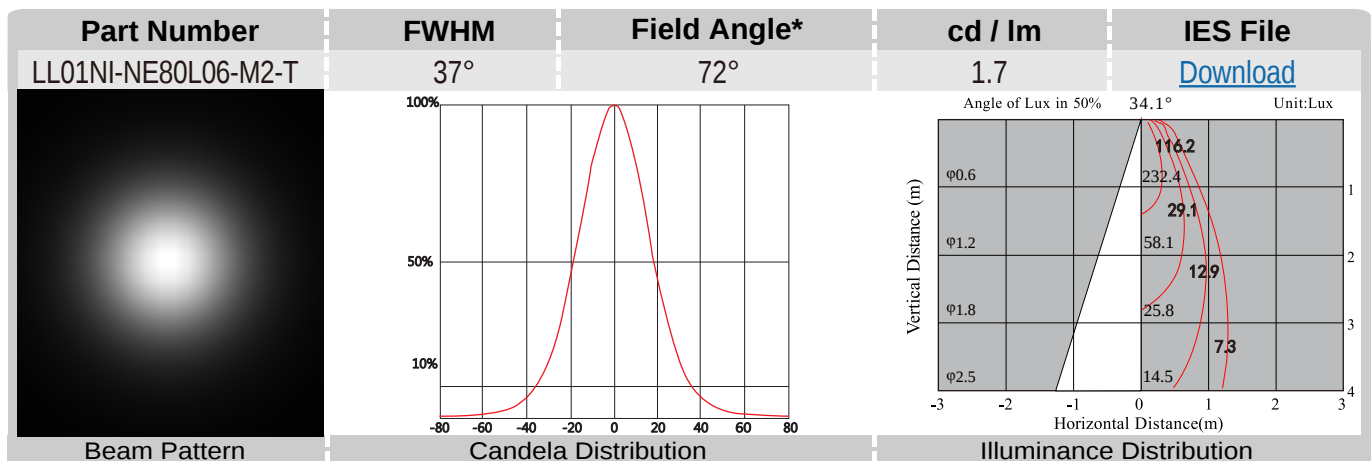
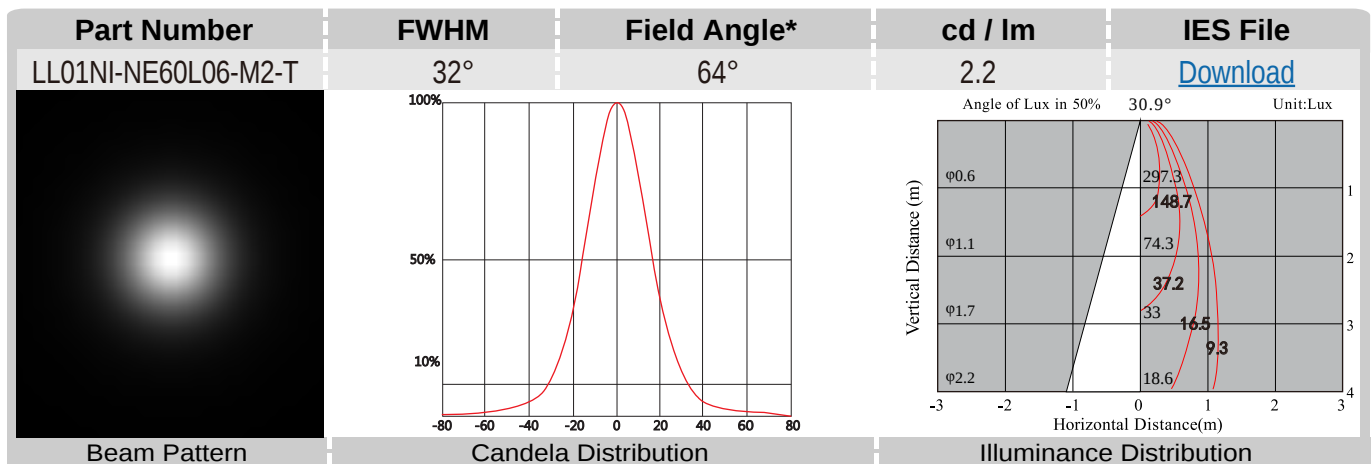


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Optical Specifications



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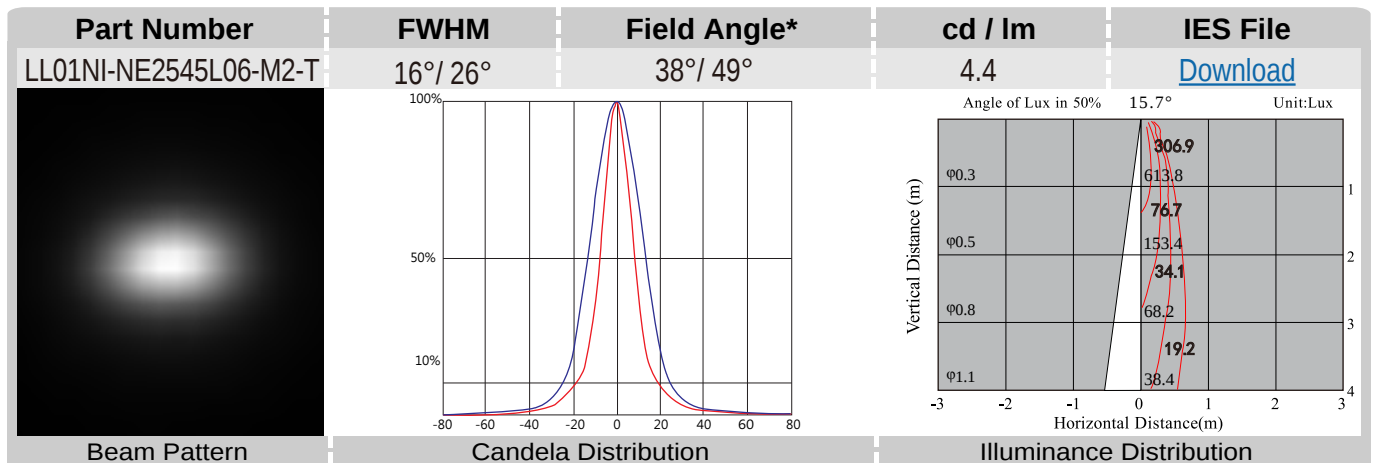


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Optical Specifications



Note: (1) All the results of analysis are based on 0 degrees of elevation.
 (2) Tolerance: $\pm 10\%$.
 (3) Led Luminous Flux(lm): 138($\pm 5\%$).



*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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Mechanical Specification

1. Fixing method

☐ Glue

☐ Screw

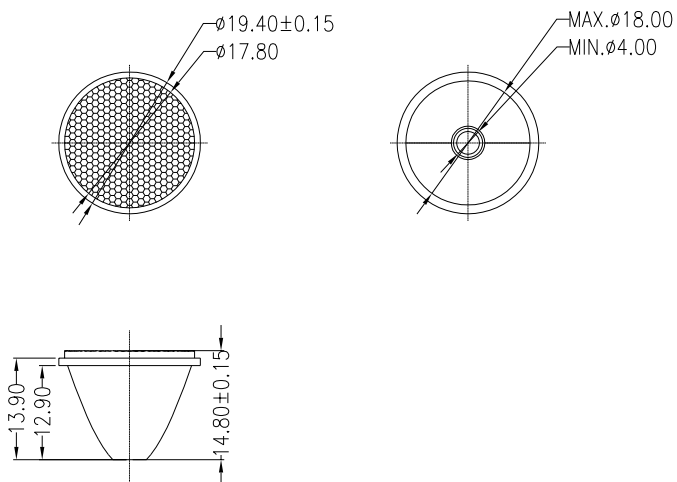
☒ Tape

☐ Fixing-ring

☒ Frame

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

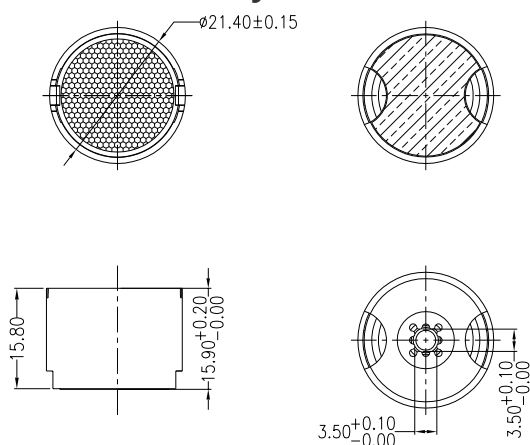
2. Lens dimension



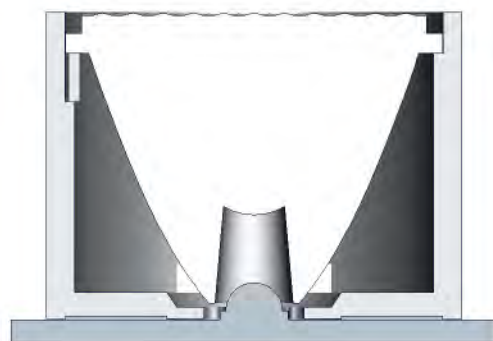
3. Lens + Holder + Type + Leds assembly instruction



4. Assembly dimension



5. View assembly lens with LED:

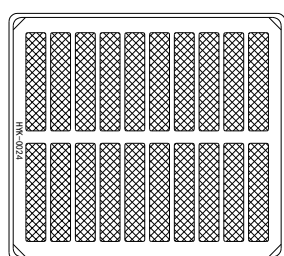


Holder part number : LL01NIUD10H2
Tape part number : LL01A00AYDXX

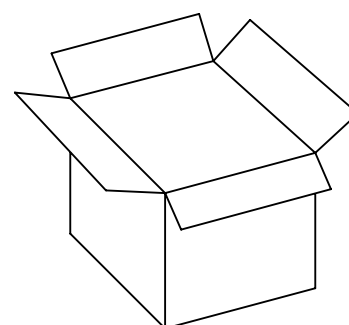
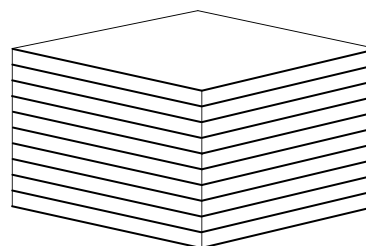
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Package Specifications

Item	Quantity	Total	Size(L*W*H)	G.W
plastic box	100 pcs/plastic box	100 pcs	35.5*30*20 cm	4.0g
outer box	8 plastic box/outer box	800 pcs	35*31*21 cm	



100 pcs/plastic box



800 pcs/outer box



Note: