

Z1_2545D Lens Series

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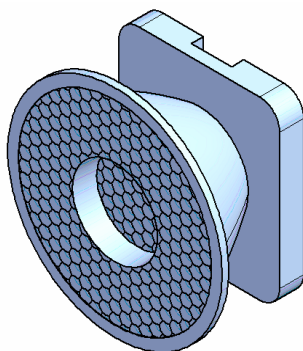


SEOUL SEMICONDUCTOR

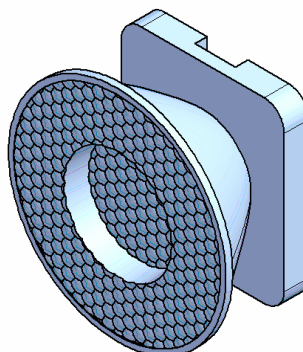
- The 'Z1_2545D Lens Series' offers low profile lens especially designed for the Seoul Semiconductor
: **Seoul Semiconductor 'Z1 LED Series'**

<http://www.acriche.co.kr/>

1. Lens Layout



■ Z1_25D Lens



■ Z1_45D Lens

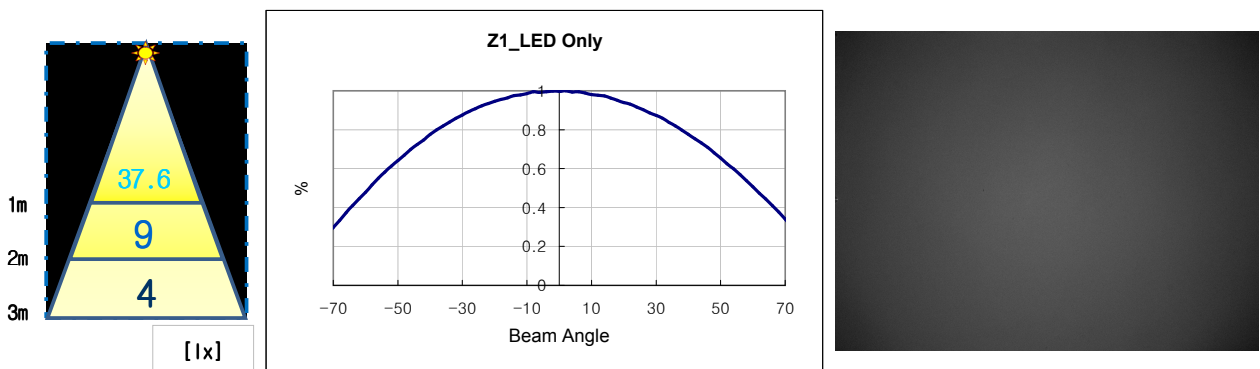
2. Lens Specification

Lens Type	Beam Angle	Beam Pattern	Components
Z1_25D Lens	25 deg.	Circle	Single Lens
Z1_45D Lens	45 deg.	Circle	Single Lens

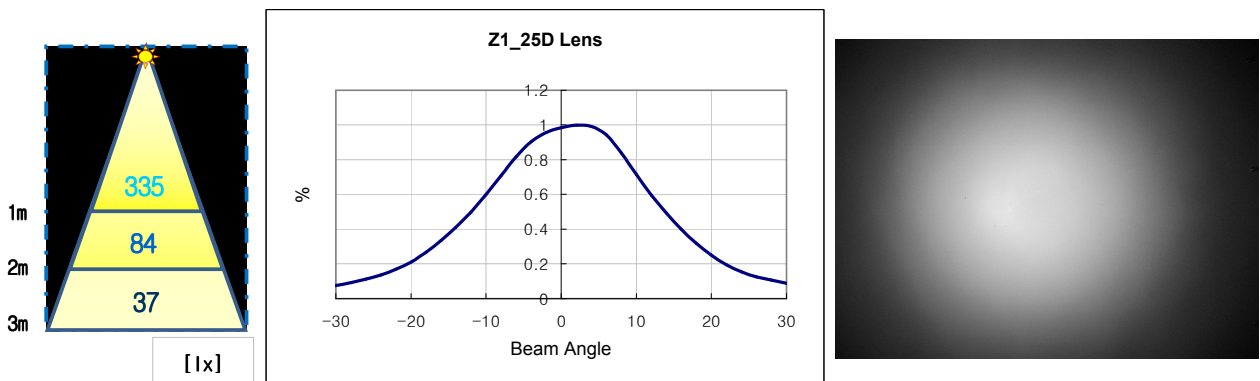
3. Measurements data (Illuminance, Distribution Graph, Photo)

Test Conditions :	LED : <u>Seoul Semiconductor 'Z1 Series LED' (Typical Luminous Flux = 105 Lumen)</u>
	Room Luminous Intensity : 0 Lumen
	Room Temperature : 20℃ ± 1℃
	LED temperature after 10 min : ~ 36℃

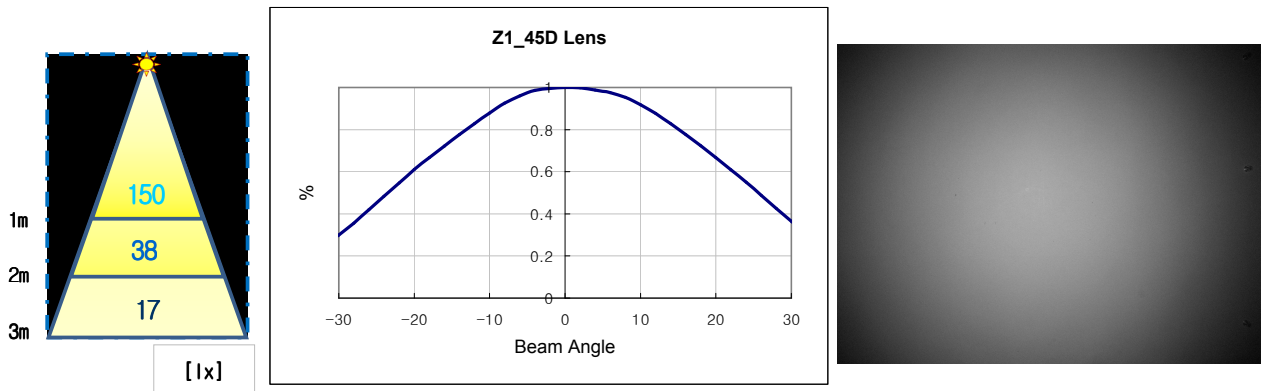
■ Z1_LED Only



■ Z1_25D Lens



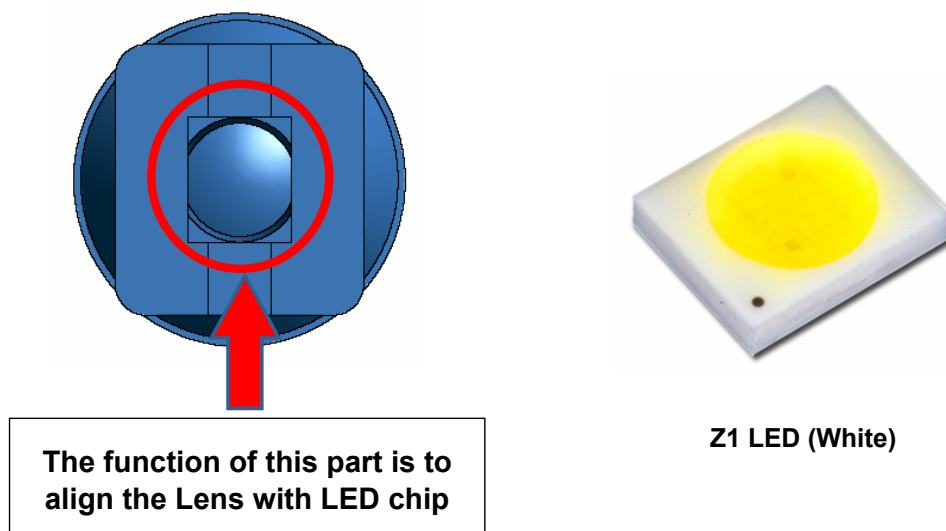
■ Z1_45D Lens



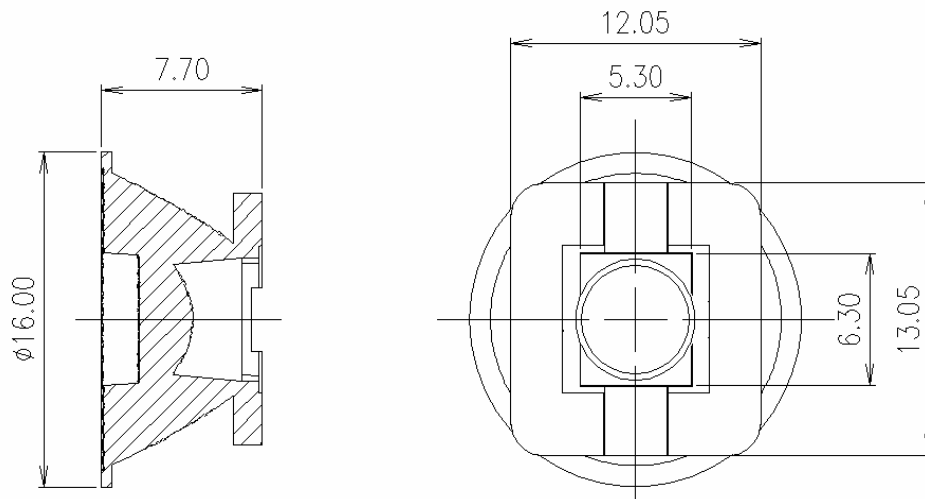
4. Lens Characteristics

Parameter	Symbol	Value	Unit
Lens	PMMA (Optics)	-	-
Operating Temp.	T _{opr}	-40 ~ +80	℃
Storage Temp.	T _{stg}	-40 ~ +80	℃

5. View of the Assmby with the Z1 LED & Z1 Lens Series



6. Sectional view & Dimensions



7. Handling of the Lens

- Do not store in dusty place.
- Do not expose under corrosive environment.
- Do not touch the lens surface with bare-hand.
- Do not dip in or apply to aggressive chemicals, and also.
- DO not wipe with cloth or paper soaked with aggressive chemicals.

■ **'Z1 Lens Series' is ideal optical solution for Z1 LEDs illumination application.**

