

LZ1 LENSES FOR SEOUL SEMICONDUCTOR

P4 LEDs



- Specially designed for Seoul Semiconductor P4 series of LEDs.
- Special care taken to make a uniform white or warm white illumination. Lenses work well with other colors, too.
- Lens material optical grade PMMA. Allows use of high current and temperature conditions
- Best available optical efficiency, more than 90%, with an extremely good cutoff of light
- Fastening of holden to PCB with appropriate adhesive, e.c. epoxy or polyurethane based. NOTE: DO NOT USE SUPERGLUE.

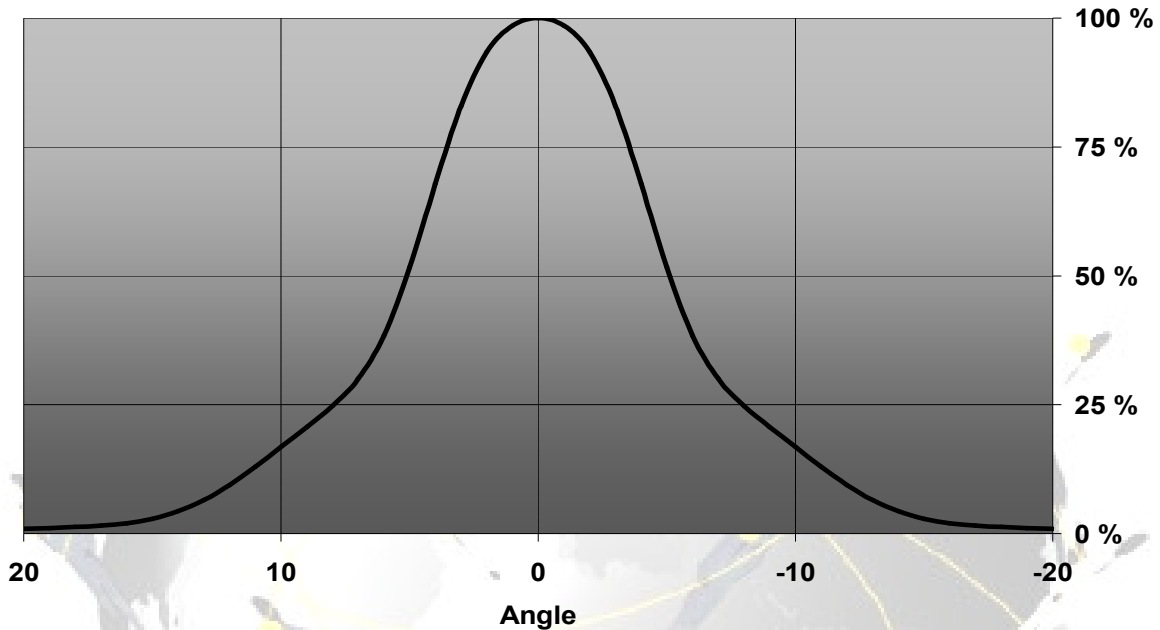
LENS TYPES

NAME	ORDERING CODE	FWHM Angle
LZ1 REAL SPOT	LZ1-RS (n. 10450)	±5
LZ1 SMOOTH SPOT	LZ1-SS (n. 10438)	±5.5
LZ1 MEDIUM	LZ1-M (n. 10439)	±13
LZ1 RECTANGULAR	LZ1-REC (n. 10513)	±18 x ±12

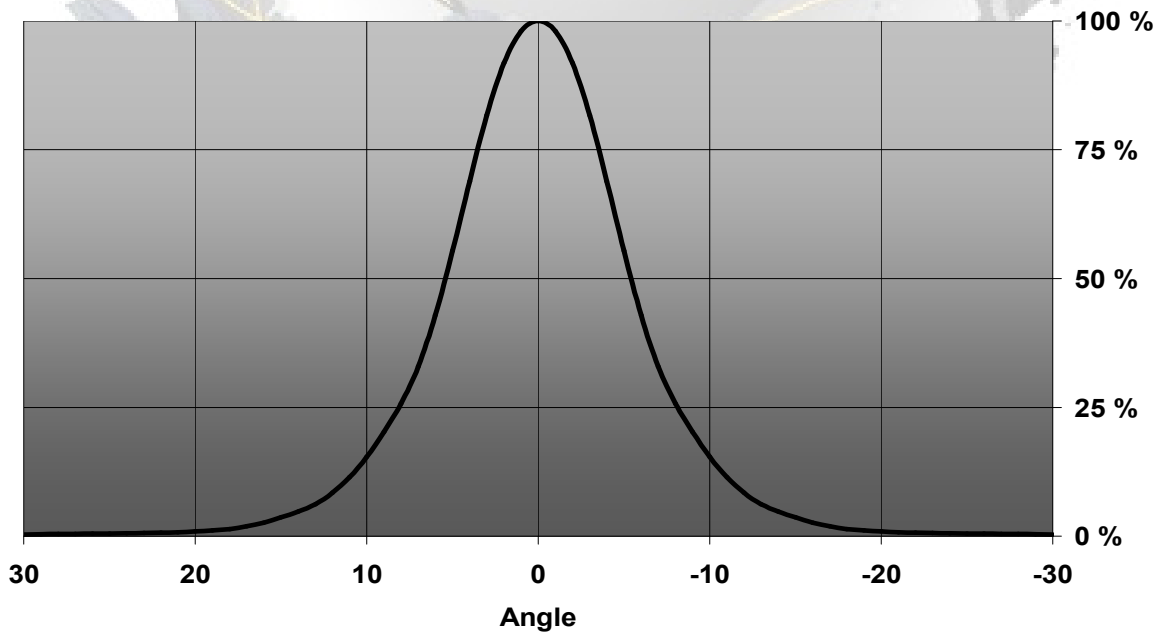
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MEASUREMENT DATA

Relative Intensity of LZ1-RS (n. 10450)

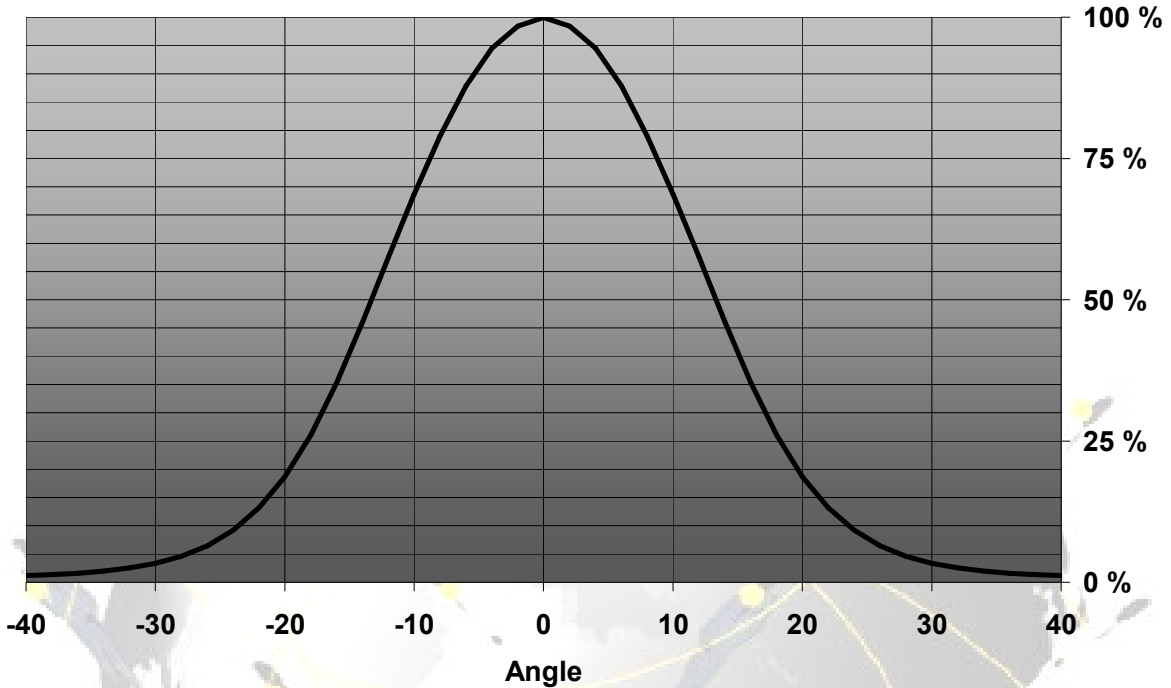


Relative Intensity of LZ1-SS (n. 10438)

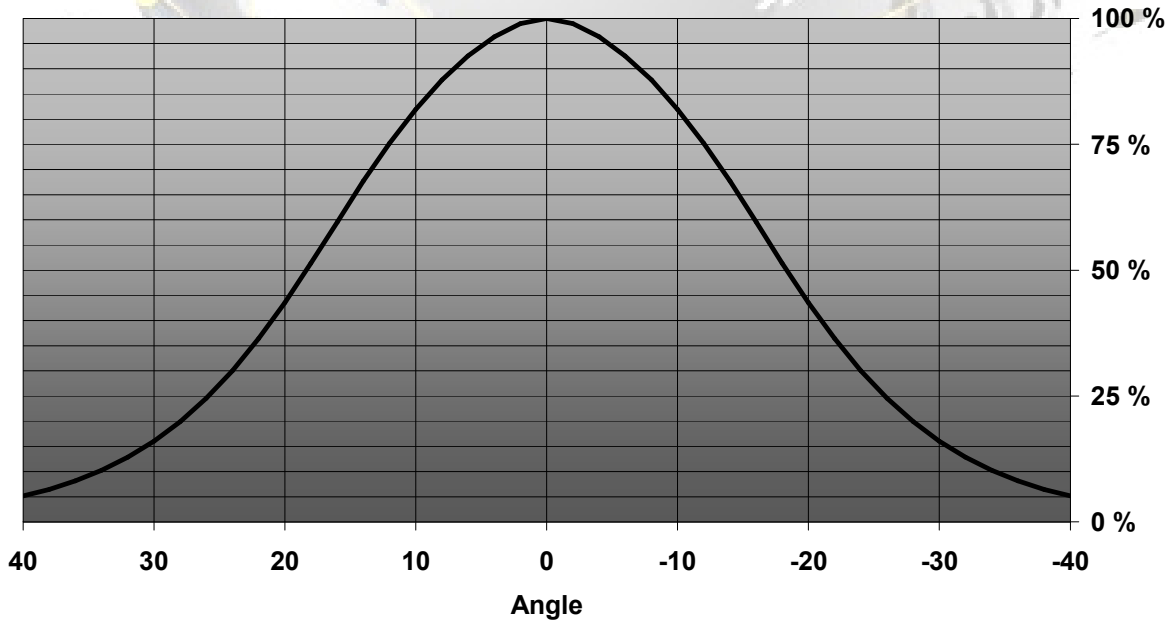


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Relative Intensity of LZ1_M

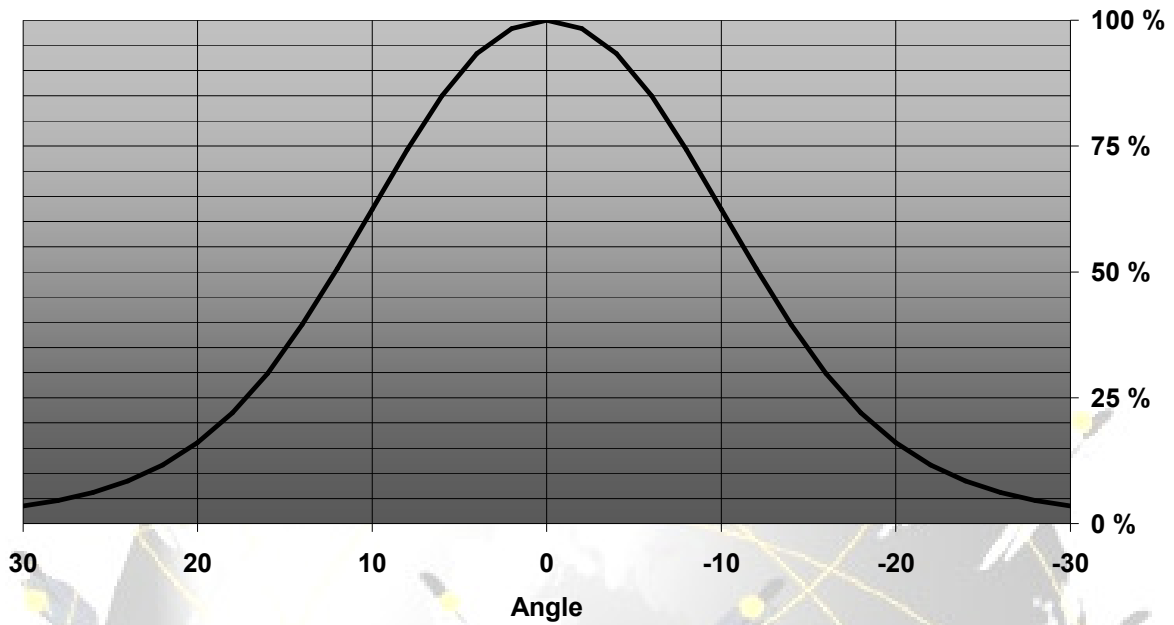


Relative Intensity of LZ1_REC (horizontal direction)



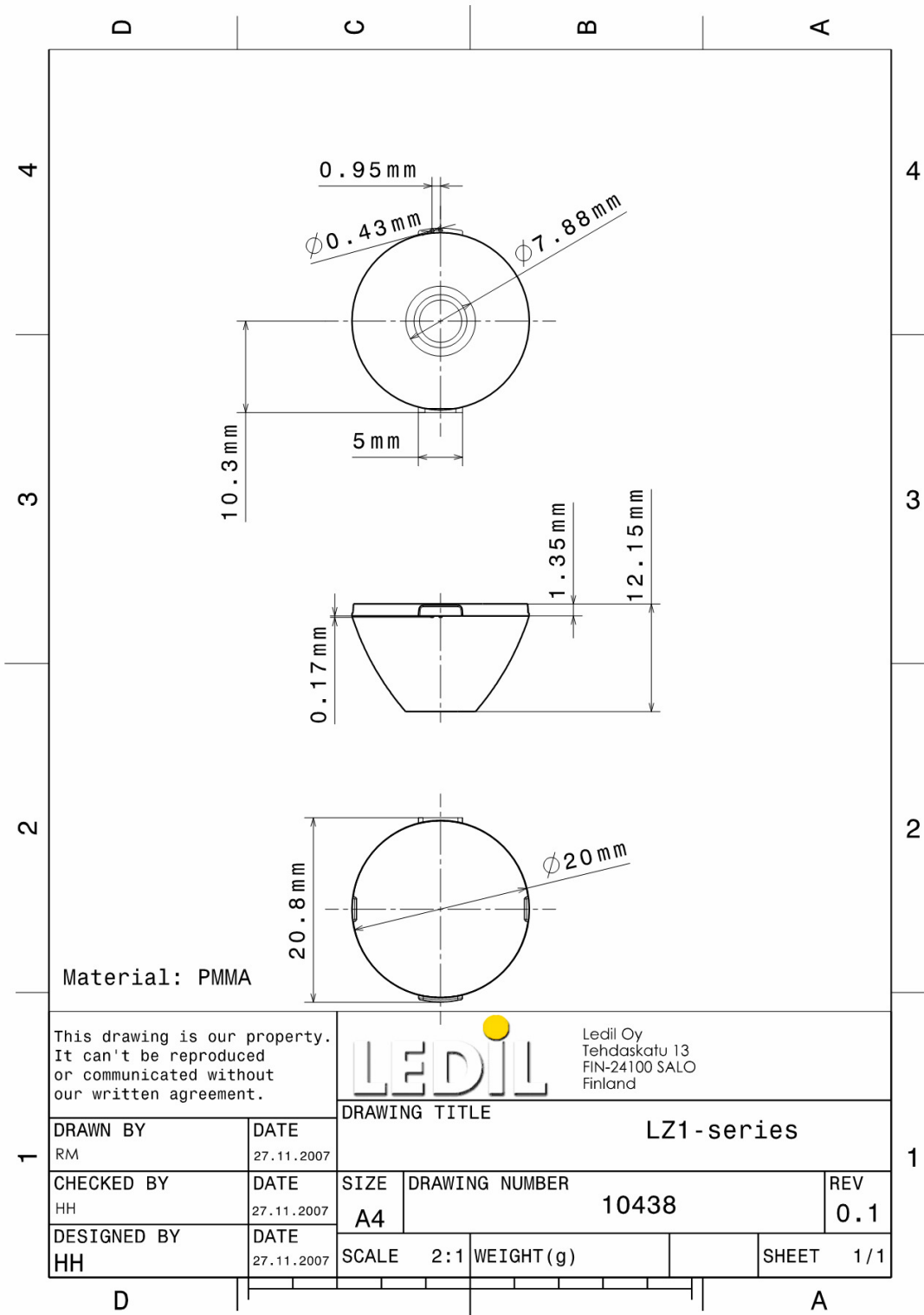
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Relative Intensity of LZ1_REC (vertical direction)



EULUMDAT & IES FILES AVAILABLE BY REQUEST

DRAWINGS



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