

**LZ1 LENSES FOR SEOUL SEMICONDUCTOR
P4 LEDs**
SEOUL SEMICONDUCTOR

- 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.

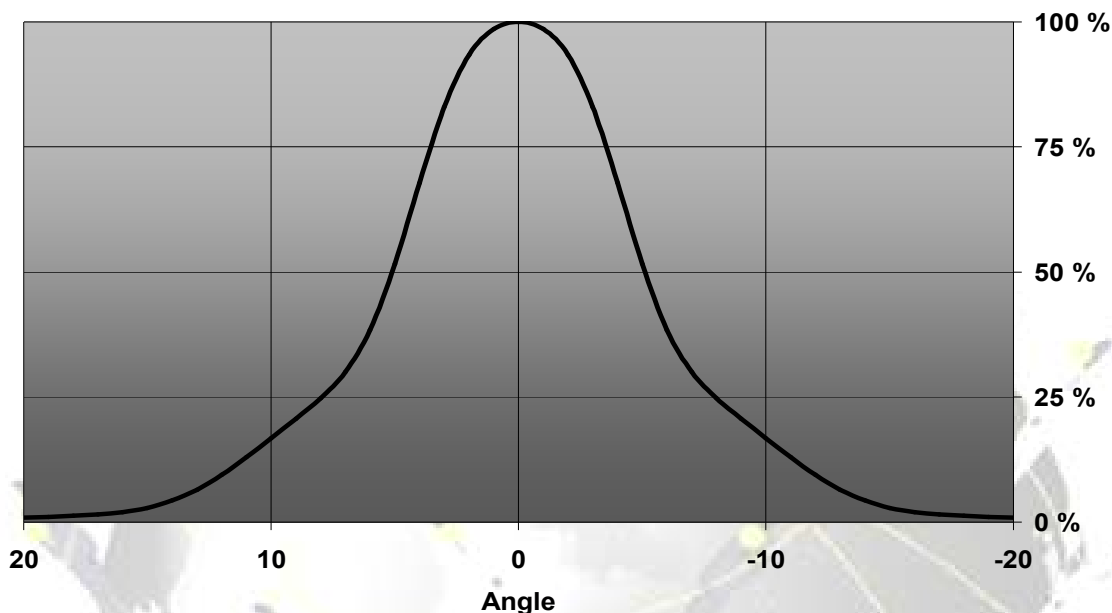
LENS TYPES

NAME	ORDERING CODE	FWHM Angle
LZ1 REAL SPOT	FA10788_LZ1-RS	±5
LZ1 DIFFUSER	FA10790_LZ1-D	±7
LZ1 MEDIUM	FA10787_LZ1-M	±13
LZ1 OVAL	FA11102_LZ1-O-90	±20 x ±8
LZ1 RECTANGULAR	FA10789_LZ1-Rec	±18 x ±12

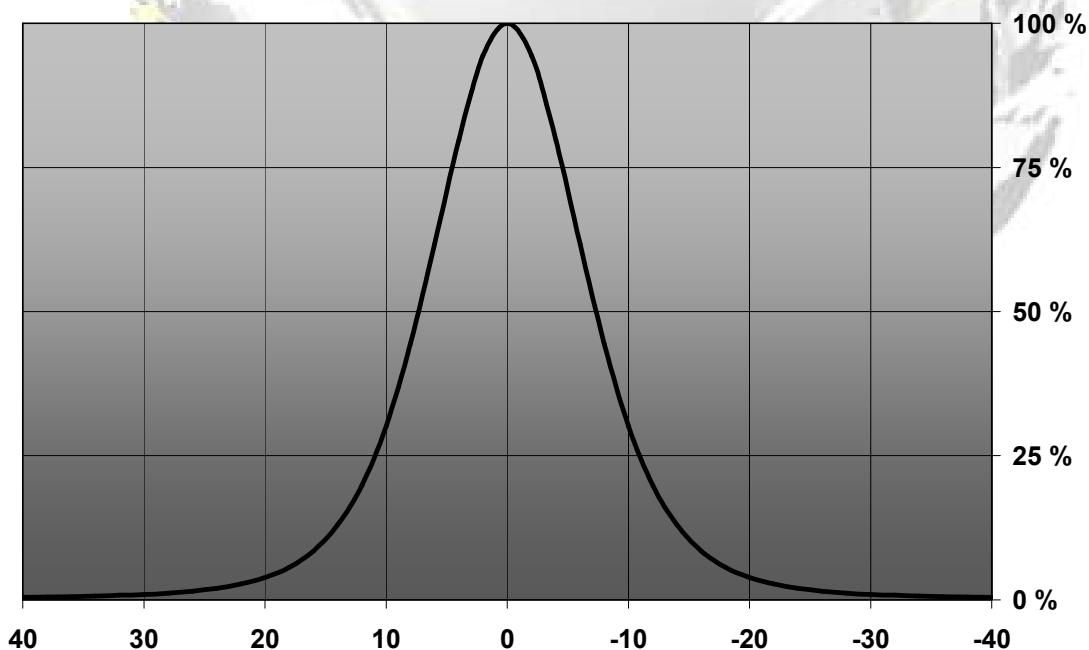
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MEASUREMENT DATA

Relative Intensity of LZ1-RS (n. 10450)

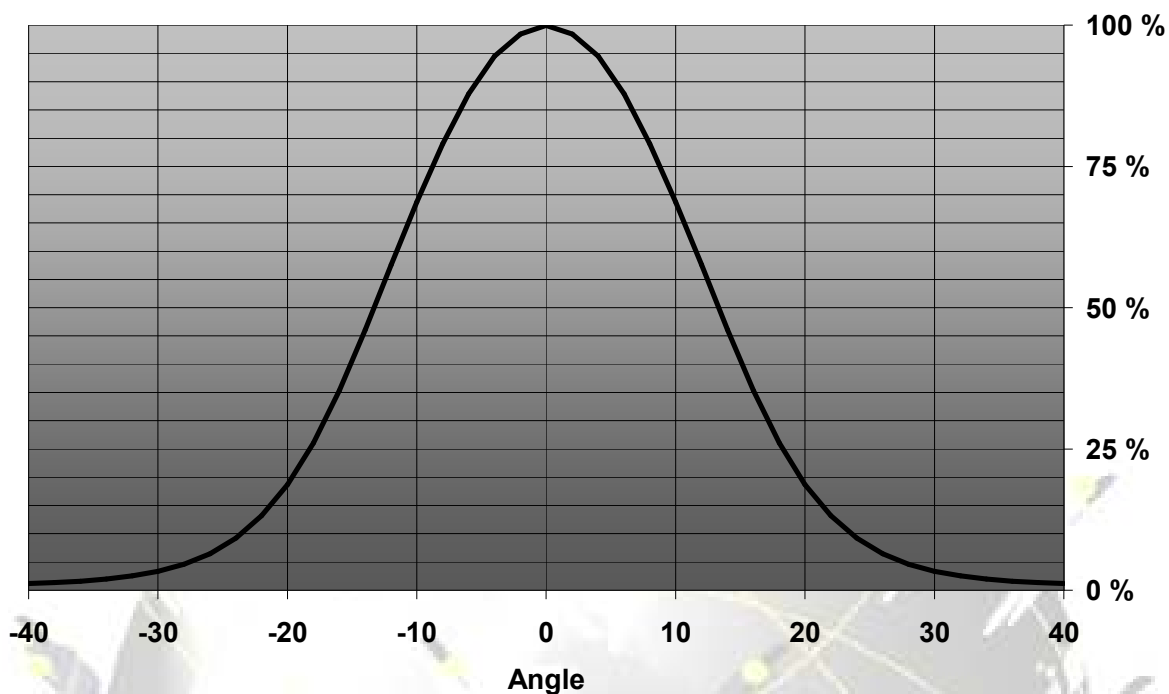


Relative Intensity of FA10790_LZ1-D

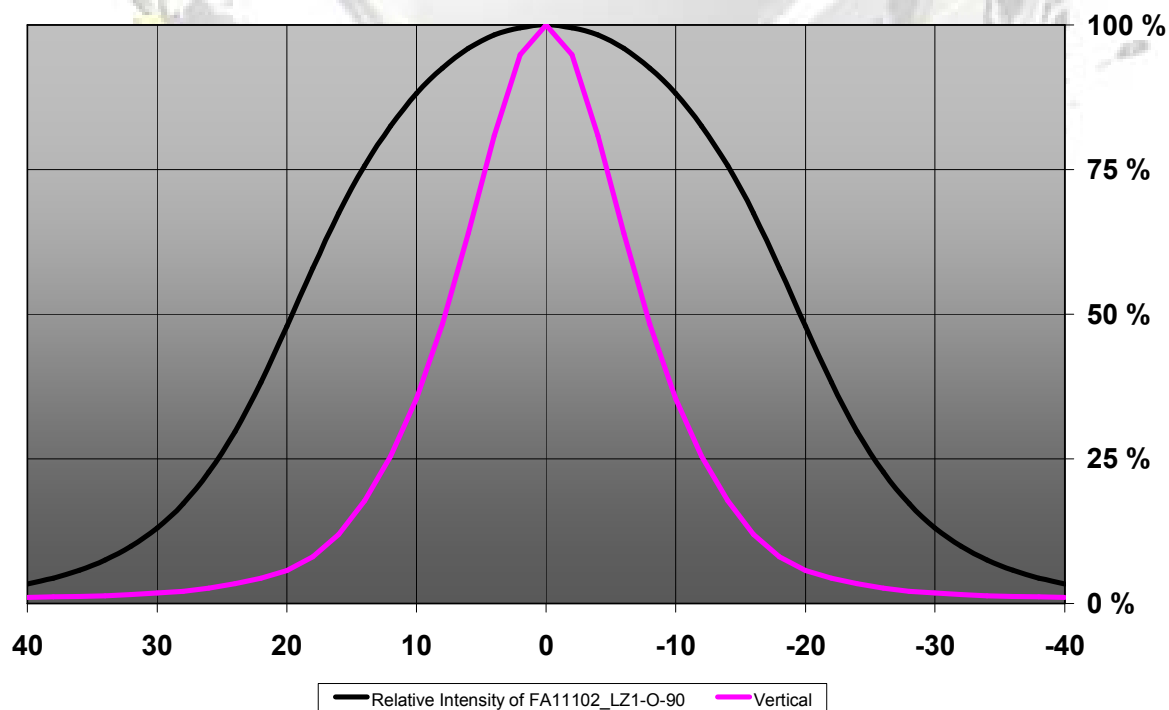


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Relative Intensity of LZ1_M

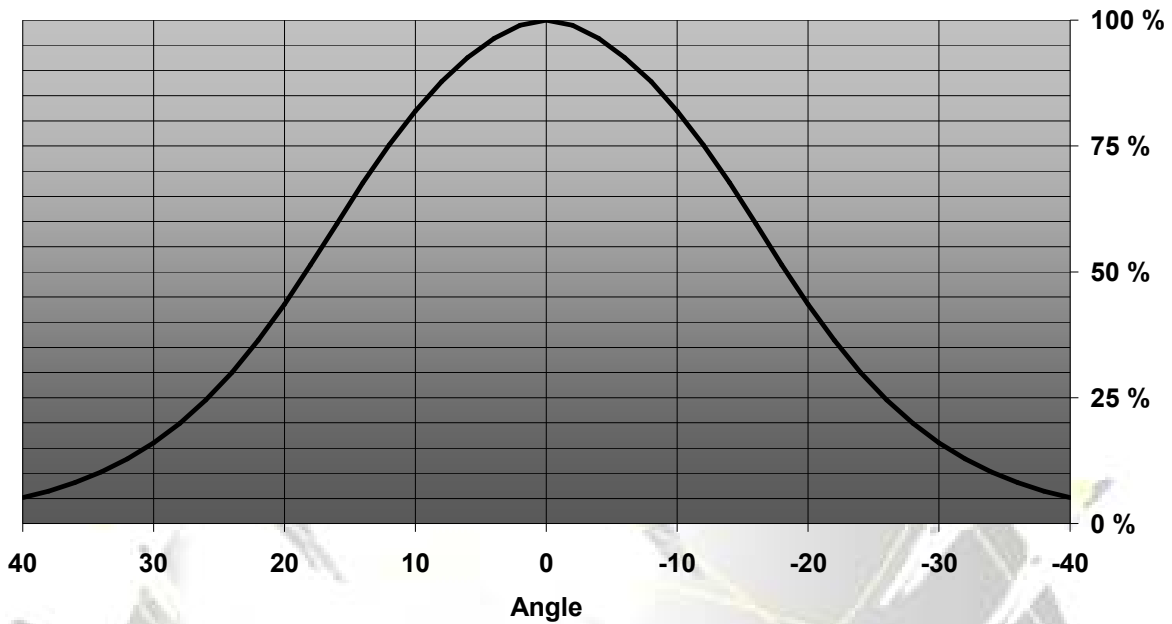


Relative Intensity of FA11102_LZ1-O-90

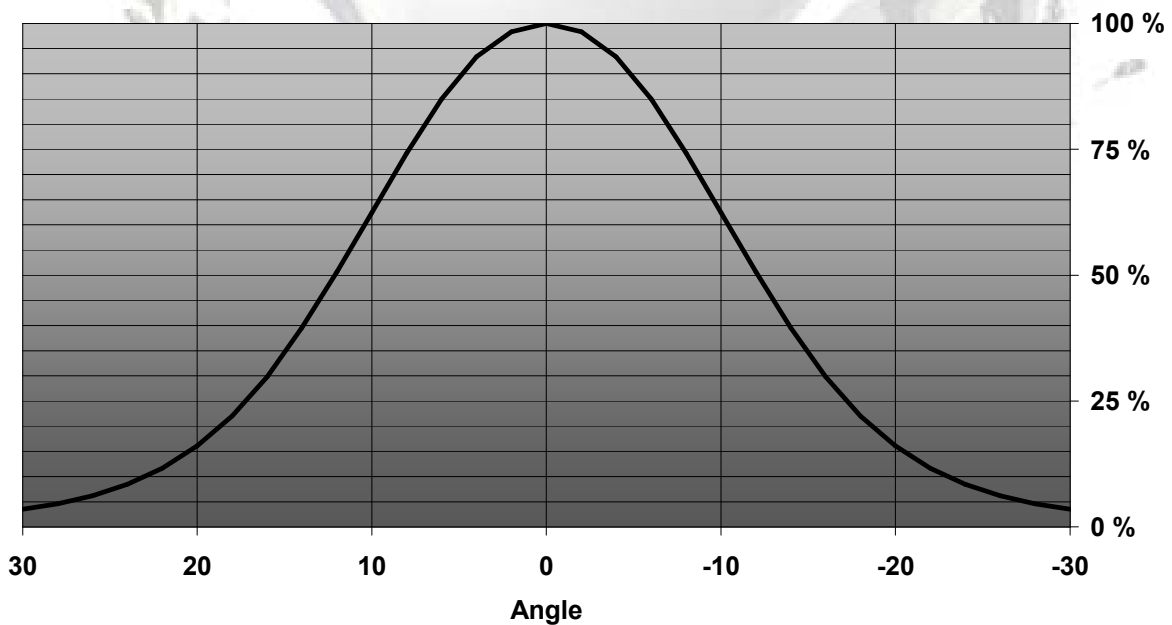


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Relative Intensity of LZ1_REC (horizontal direction)



Relative Intensity of LZ1_REC (vertical direction)



EULUMDAT & IES FILES AVAILABLE BY REQUEST

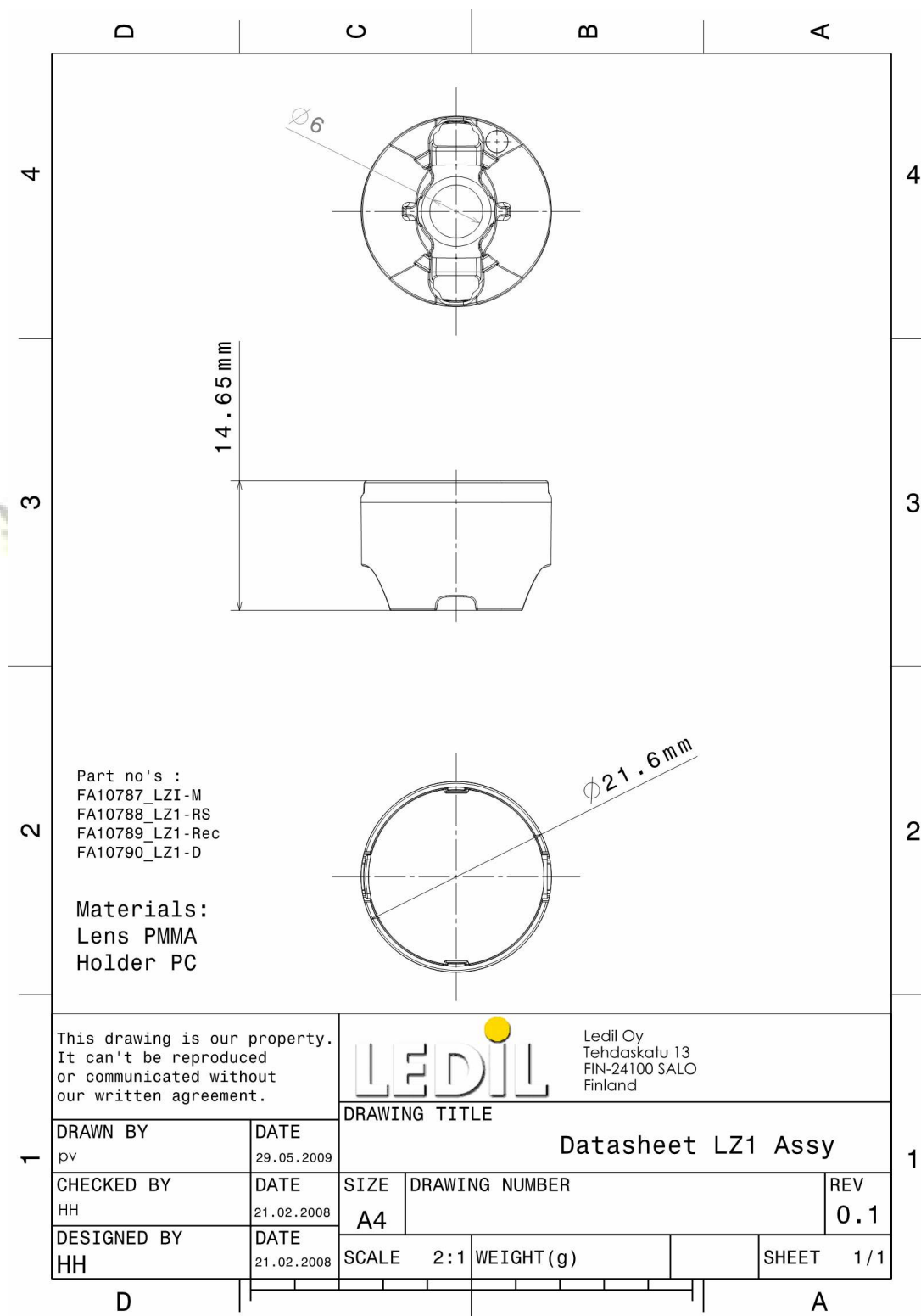
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2010-06-09

DRAWINGS



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