

LC1 LENSES FOR CREE XR-E LEDs



- Specially designed for Cree XLAMP XR-E series of LEDs.
- Special care taken to make a uniform white or warm white illumination.
- Lens material optical grade PMMA with high UV and temperature resistance (105°C/220°F). Allows use of high current and temperature conditions. Holder material ABS.
- Best available optical efficiency, more than 90%, with an extremely good cutoff of light
- Fastening of holder to PCB with appropriate adhesive, e.c. epoxy or polyurethane based. NOTE: DO NOT USE SUPERGLUE.
- Please check fastening details from this link:
(http://www.ledil.com/datasheets/DataSheet_GLUES.pdf)

LENS TYPES

NAME	ORDERING CODE	FWHM Angle
LC1 REAL SPOT	FA10808 LC1-RS	$\pm 3^\circ$
LC1 DIFFUSER	FA10810 LC1-D	$\pm 5^\circ$
LC1 MEDIUM /DIFFUSER	FA11372 LC1-MD	$\pm 12^\circ$
LC1 MEDIUM	FA10807 LC1-M	$\pm 14^\circ$
LC1 MEDIUM2	FA11459 LC1-M2	Coming soon
LC1 OVAL	FA11104 LC1-O-90	$\pm 5^\circ \times \pm 21^\circ$
LC1 RECTANGULAR	FA10809 LC1-REC	$\pm 21^\circ \times \pm 11^\circ$

NOTE: DELIVERED UNASSEMBLED

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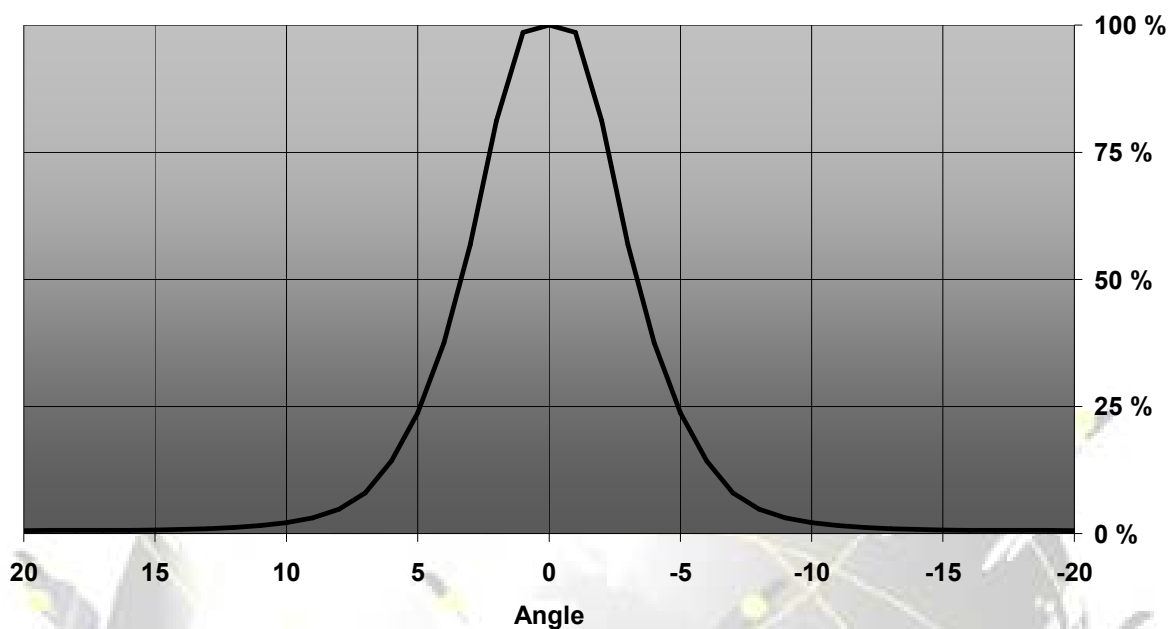
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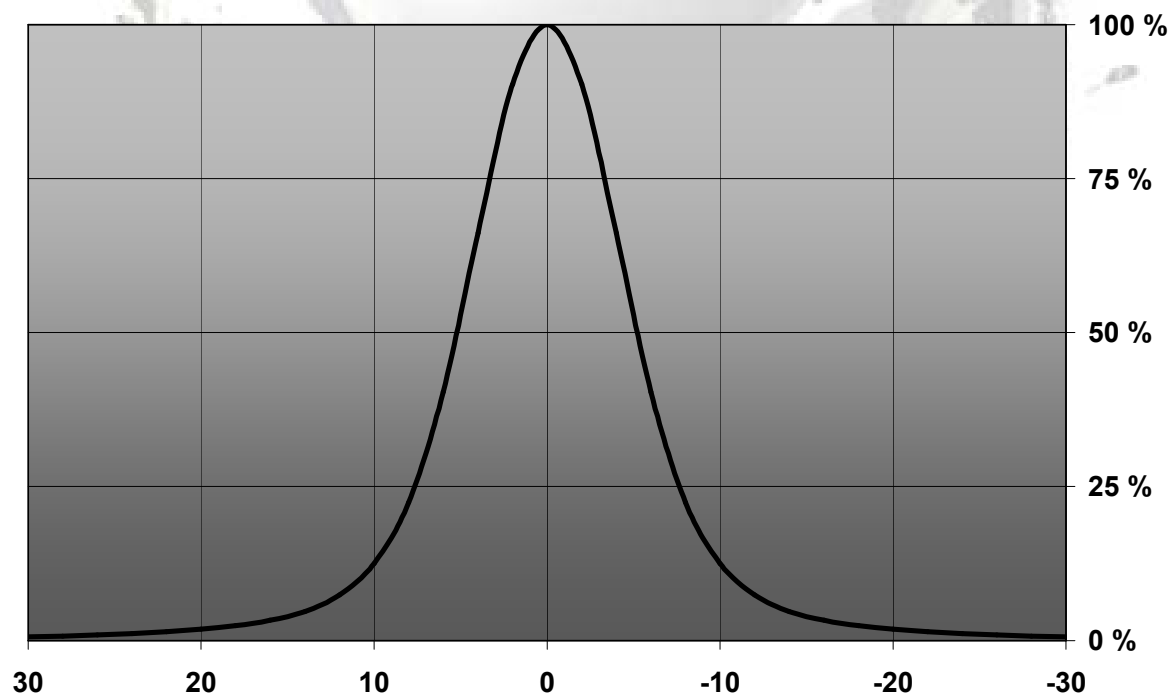
2010-08-02

MEASUREMENT DATA

Relative Intensity LC1-RS

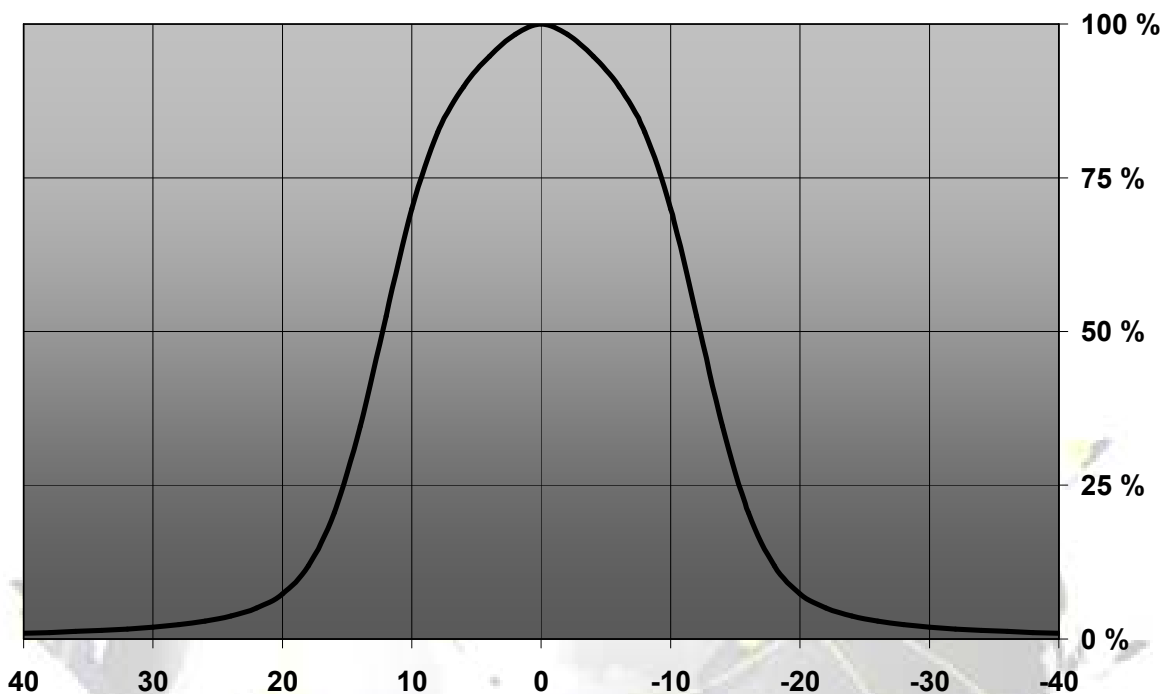


Relative Intensity of FA10810_LC1-D

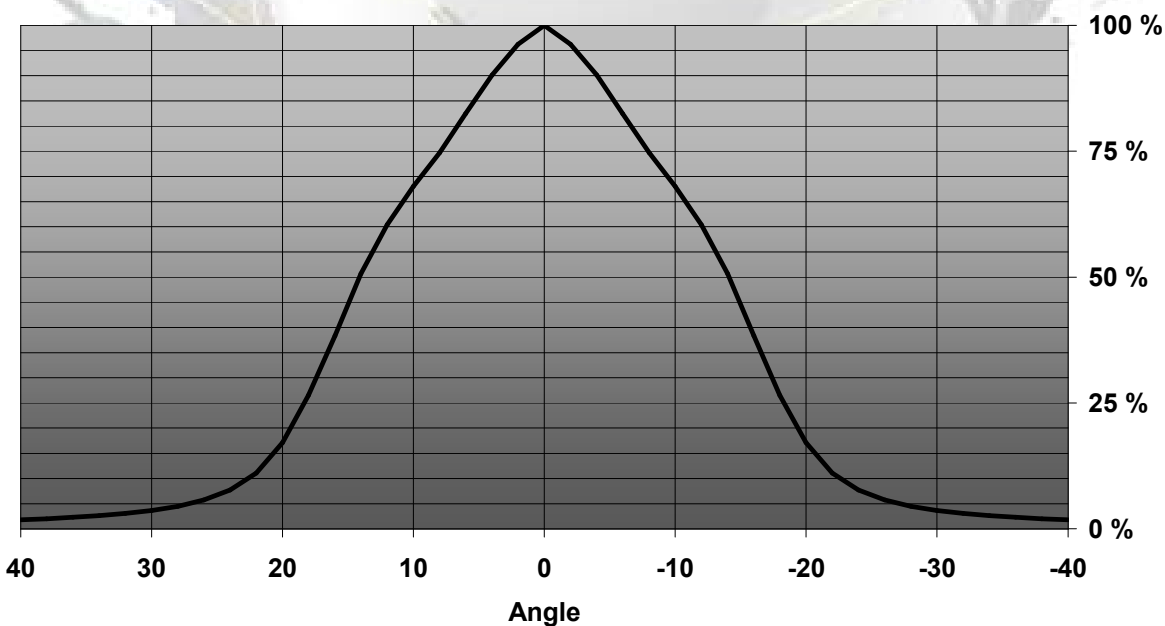


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Relative Intensity of FA11373_LC1-MD-Tape

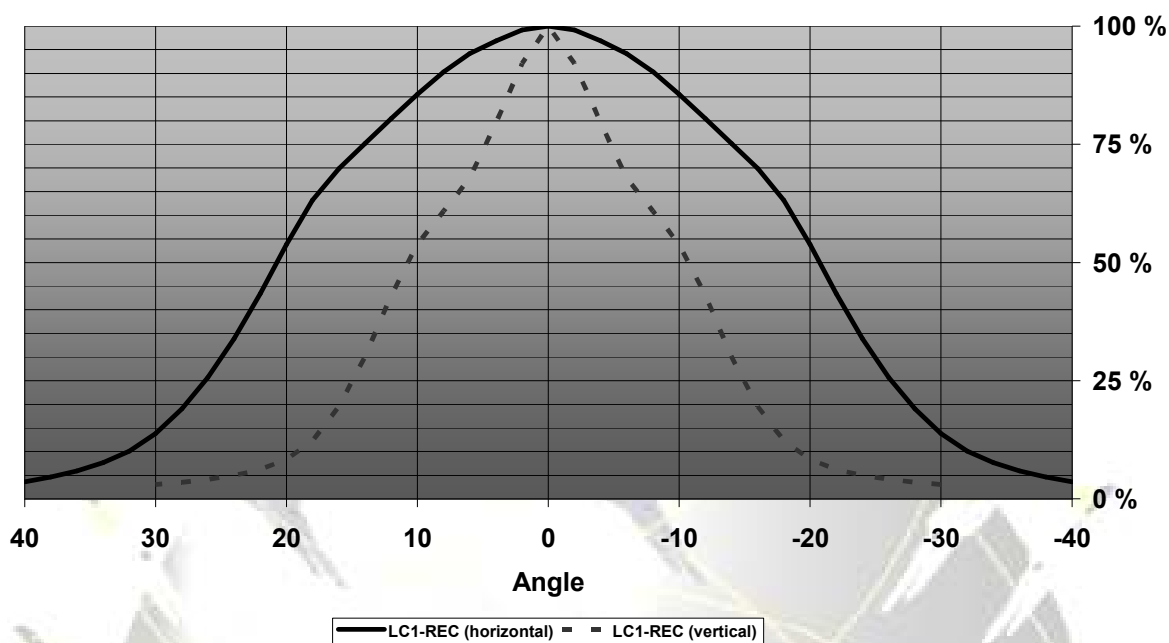


Relative Intensity of LC1-M



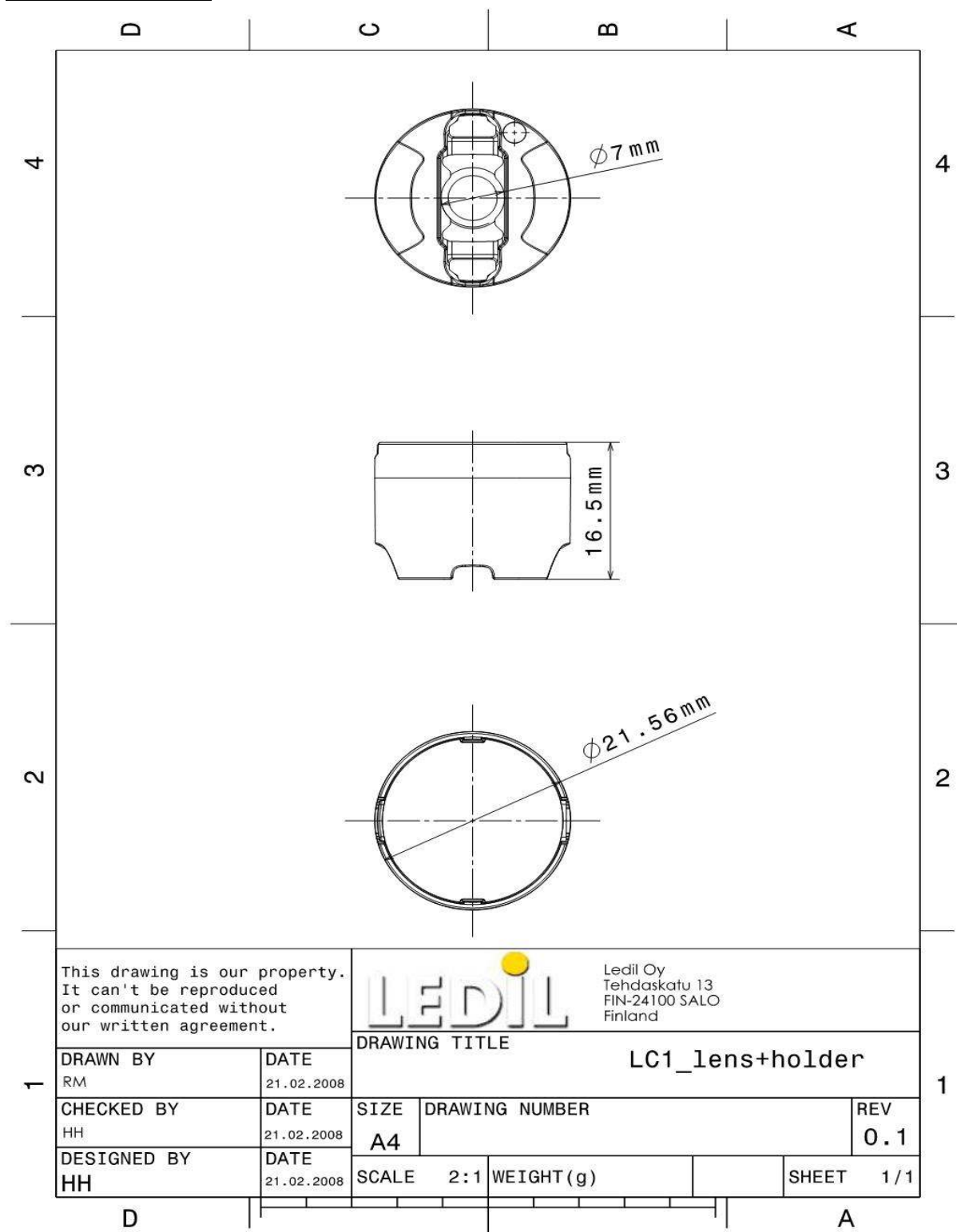
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Relative Intensity of LC1-REC



EULUMDAT & IES FILES AVAILABLE BY REQUEST

DRAWINGS



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