

## 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. Lenses work well with other colors, too.
- Lens material optical grade PMMA. 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 holden to PCB with appropriate adhesive, e.c. epoxy or polyurethane based. NOTE: DO NOT USE SUPERGLUE.

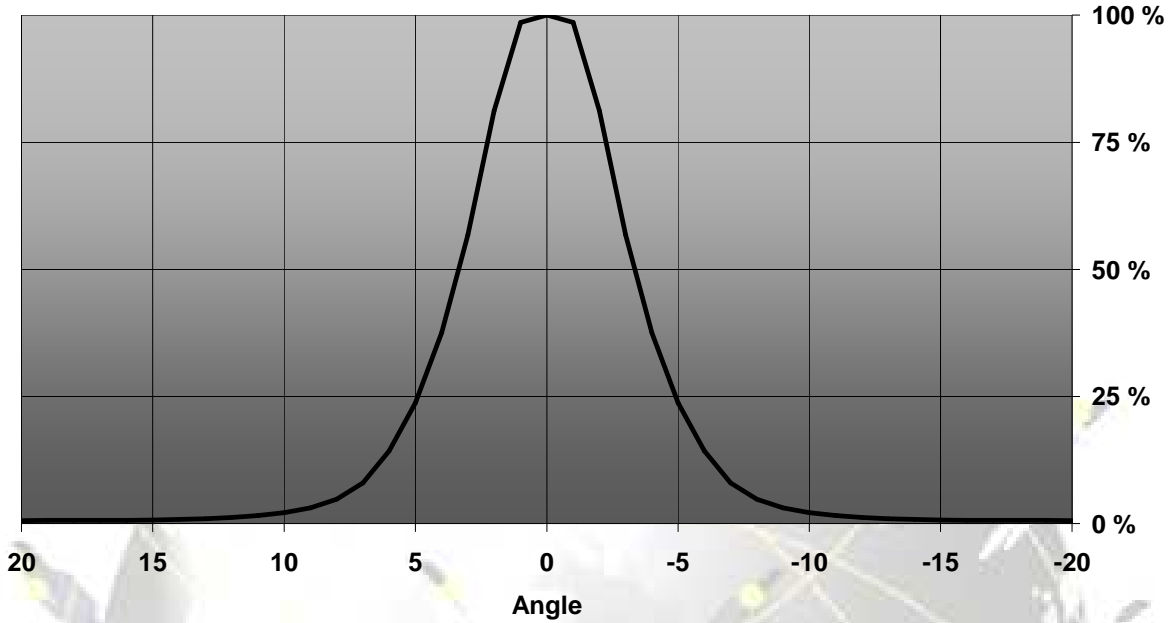
## LENS TYPES

NAME	ORDERING CODE	FWHM Angle
LC1 REAL SPOT	FA10808 LC1-RS	±3°
LC1 DIFFUSER	FA10810 LC1-D	±5°
LC1 MEDIUM	FA10807 LC1-M	±14°
LC1 OVAL	FA11104 LC1-O-90	±N/A°
LC1 RECTANGULAR	FA10809 LC1-REC	±21° x ±11°

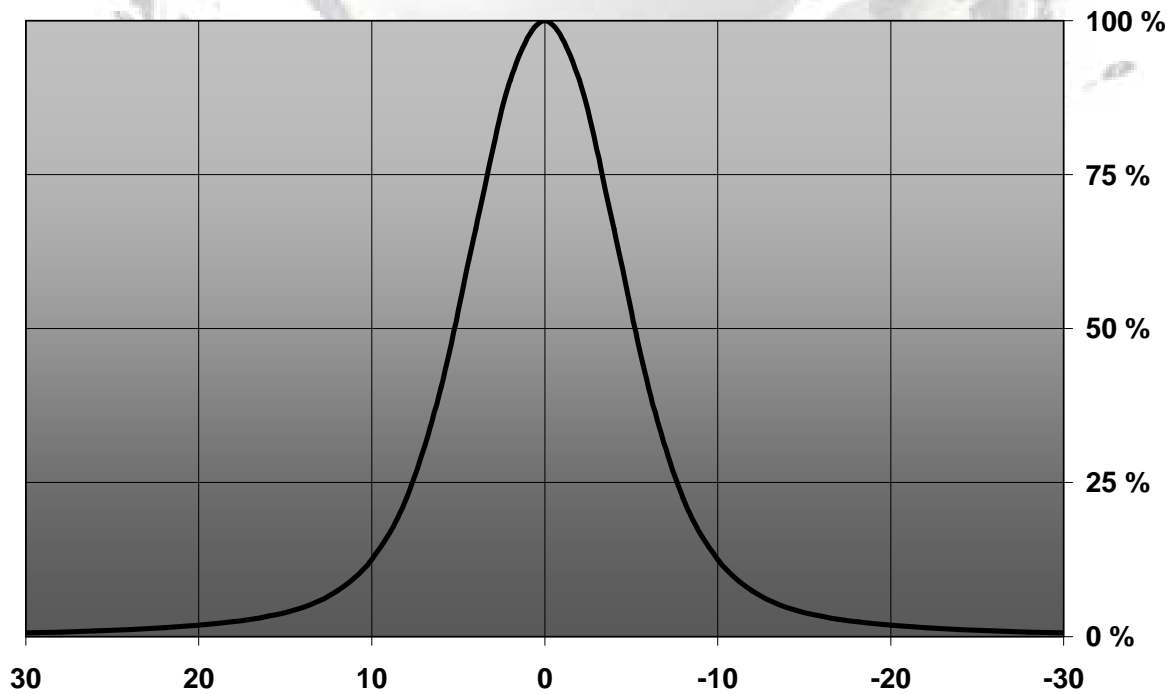
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## MEASUREMENT DATA

Relative Intensity LC1-RS

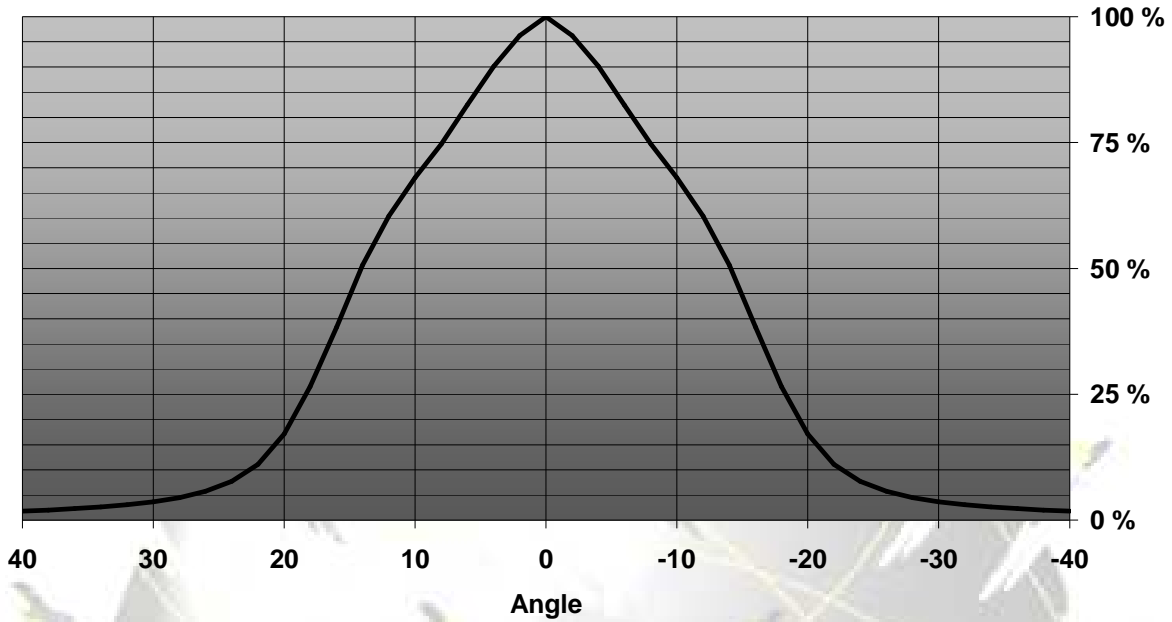


Relative Intensity of FA10810\_LC1-D

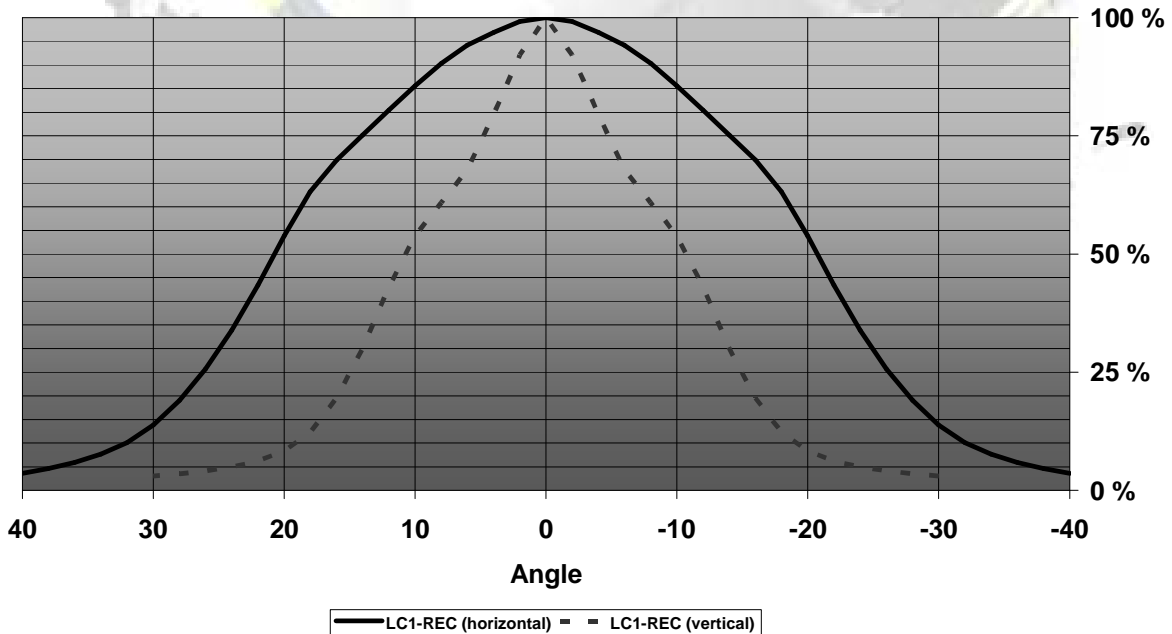


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Relative Intensity of LC1-M



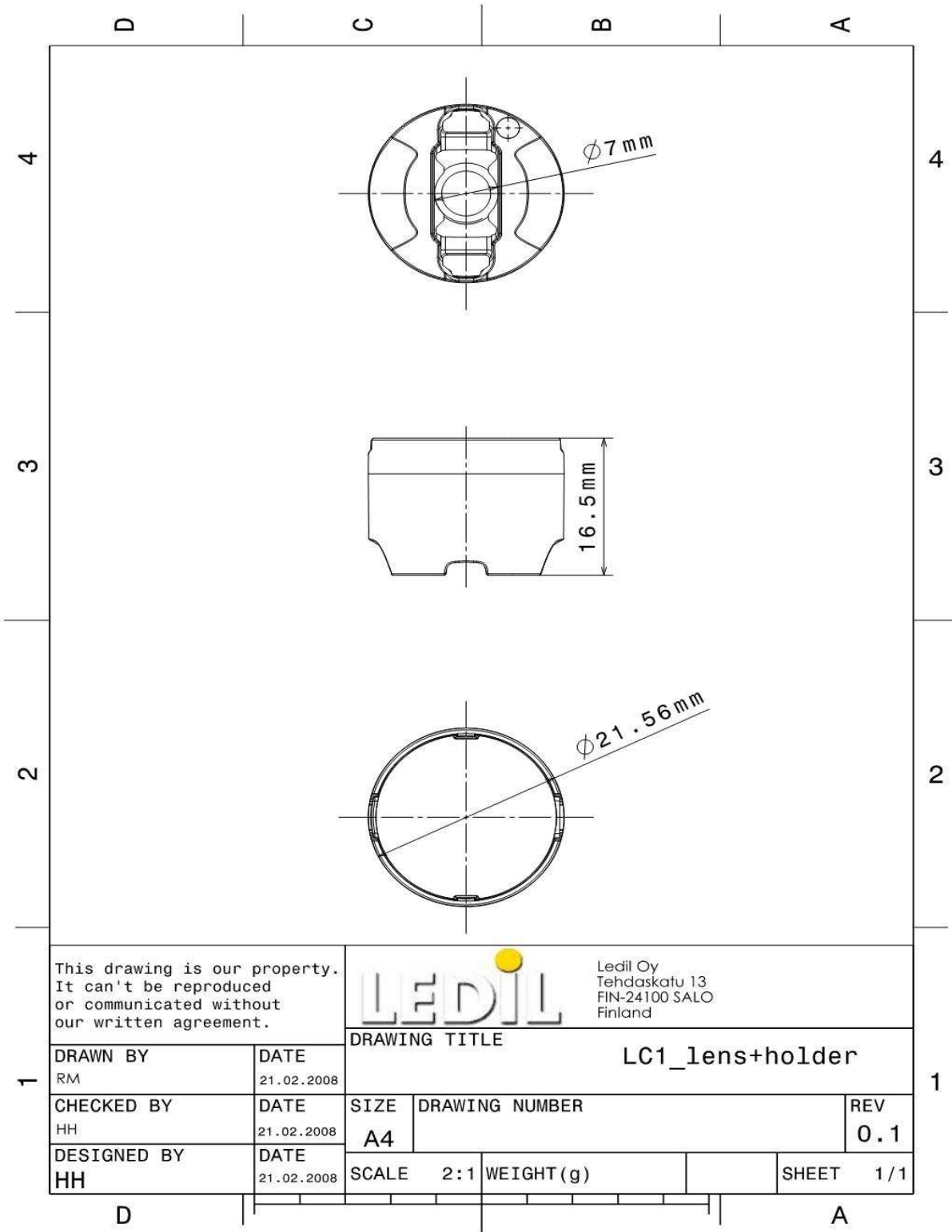
Relative Intensity of LC1-REC



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## DRAWINGS



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Tehdaskatu 13  
FIN-24100 SALO  
Finland

DRAWING TITLE

LC1\_lens+holder

DRAWN BY	DATE
RM	21.02.2008

CHECKED BY	DATE
HH	21.02.2008

DESIGNED BY	DATE
HH	21.02.2008

SIZE	DRAWING NUMBER	REV
A4		0.1

SCALE	2:1	WEIGHT (g)	SHEET	1/1
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