

## LR1 LENSES FOR LUXEON REBEL LEDs

LUXEON



- Specially designed for Luxeon REBEL 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                          |
|-----------------|------------------|-------------------------------------|
| LR1 REAL SPOT   | FA10804_LR1-RS   | $\pm 4^\circ$                       |
| LR1 DIFFUSER    | FA10806_LR1-D    | $\pm 5.5^\circ$                     |
| LR1 MEDIUM      | FA10803_LR1-M    | $\pm 11^\circ$                      |
| LR1 MEDIUM ver2 | FA11458_LR1-M2   | $\pm 15^\circ$                      |
| LR1 OVAL        | FA11106_LR1-O-90 | $\pm 7.8^\circ \times \pm 19^\circ$ |
| LR1 RECTANGULAR | FA10805_LR1-Rec  | $\pm 18^\circ \times \pm 10^\circ$  |
| LR1 WIDE        | FA10890_LR1-W    | $\pm 23^\circ$                      |

## EULUMDAT & IES FILES AVAILABLE BY REQUEST

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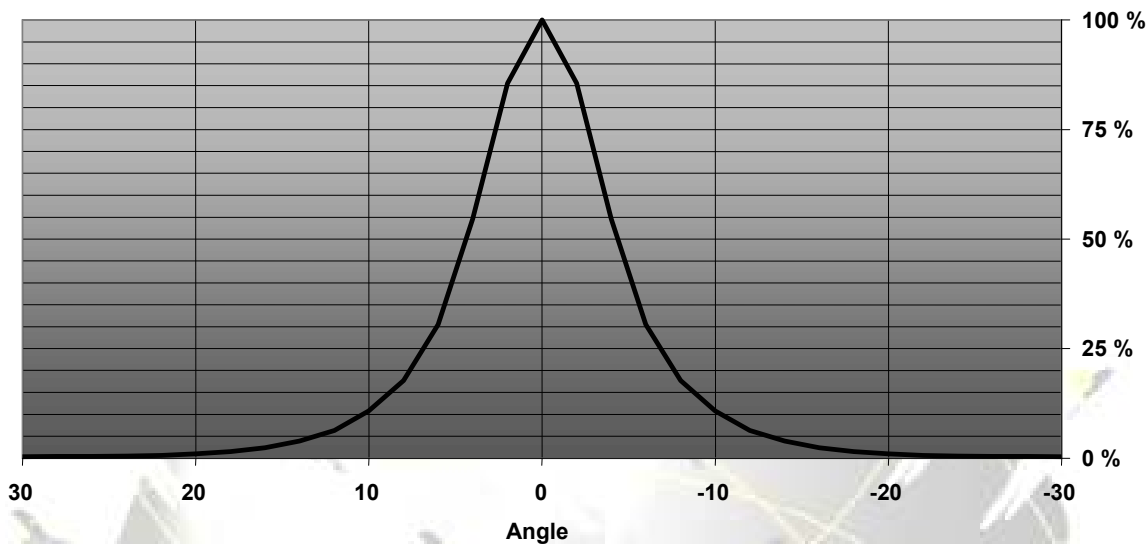
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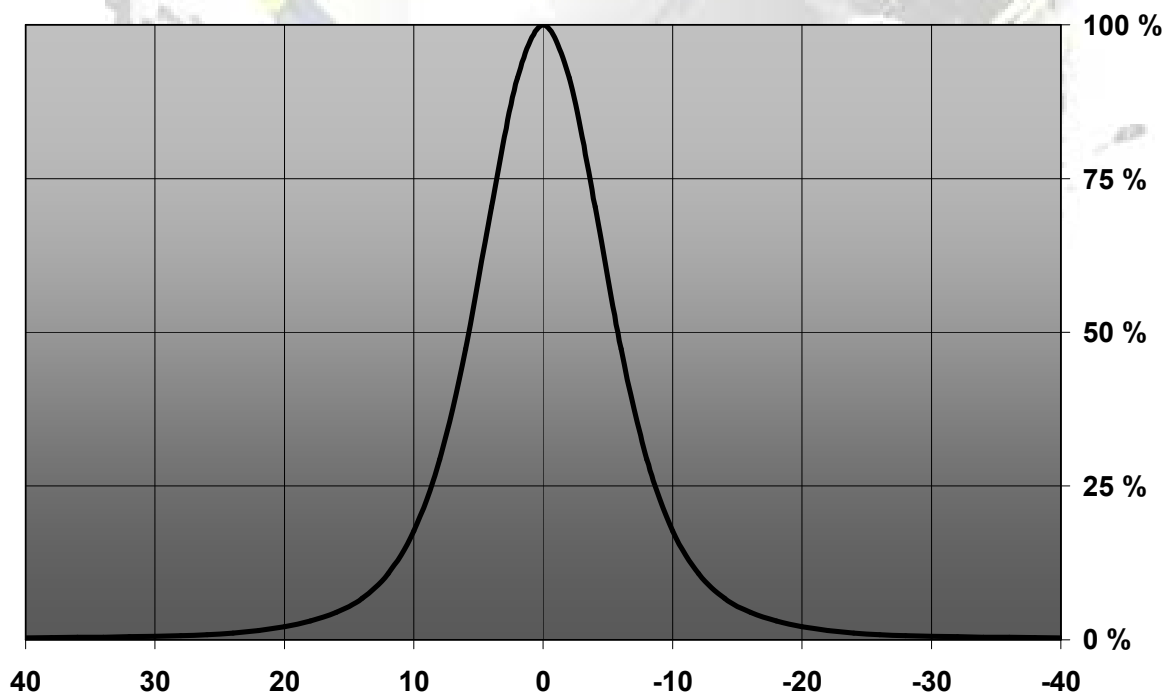
2010-05-03

## MEASUREMENT DATA

Relative Intensity of LR1-RS

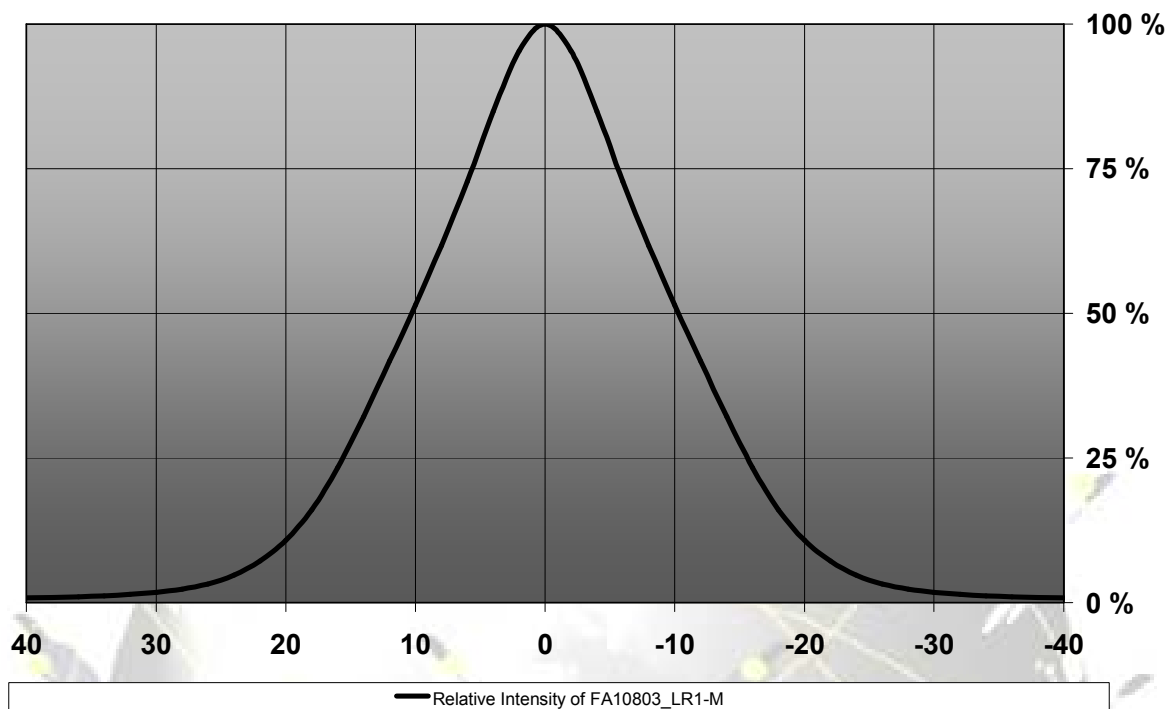


Relative Intensity of FA10806\_LR1-D

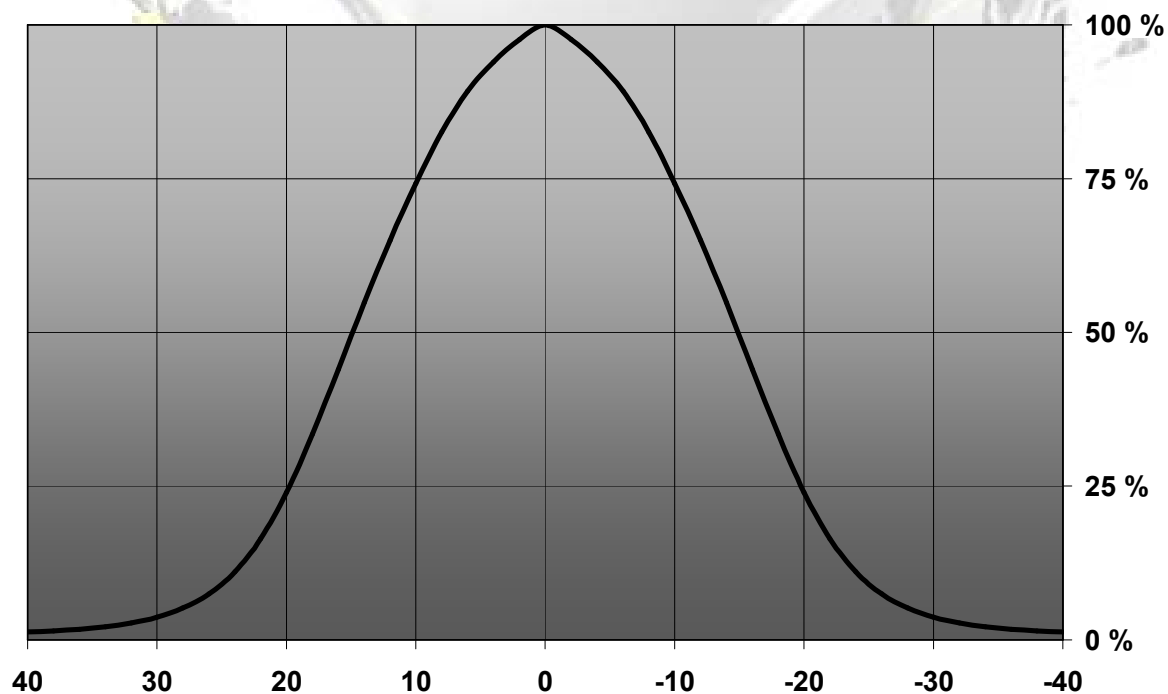


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Relative Intensity of FA10803\_LR1-M

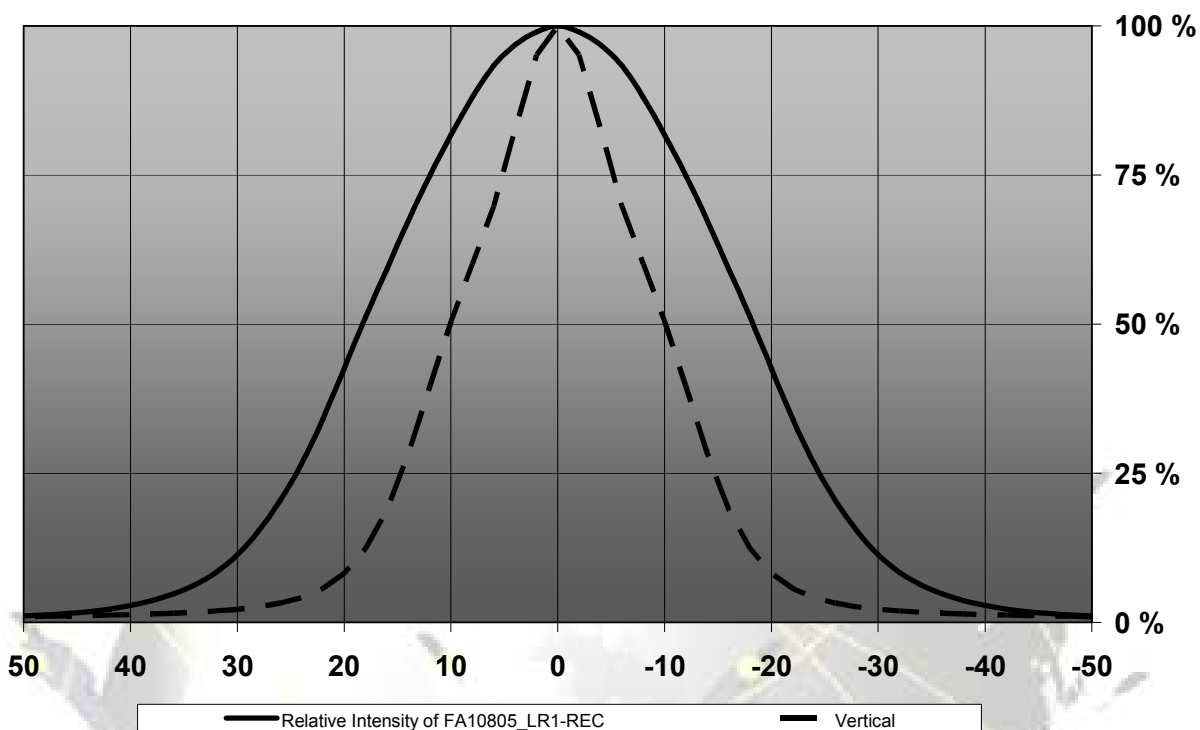


Relative Intensity of FA11458\_LR1-M2

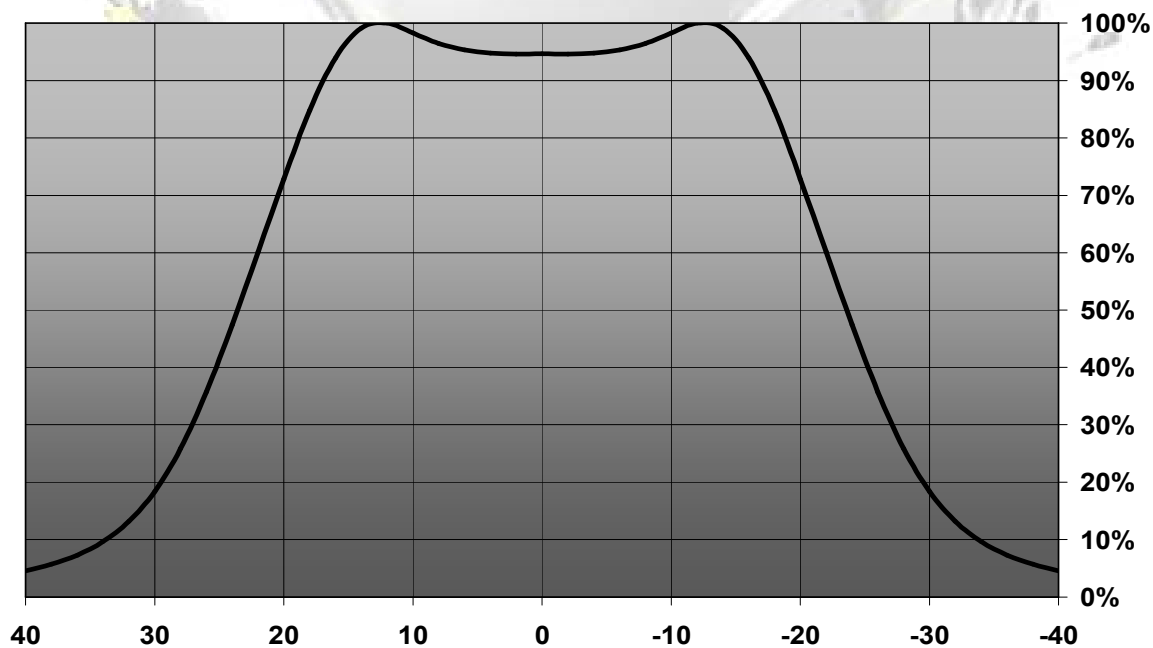


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Relative Intensity of FA10805\_LR1-REC

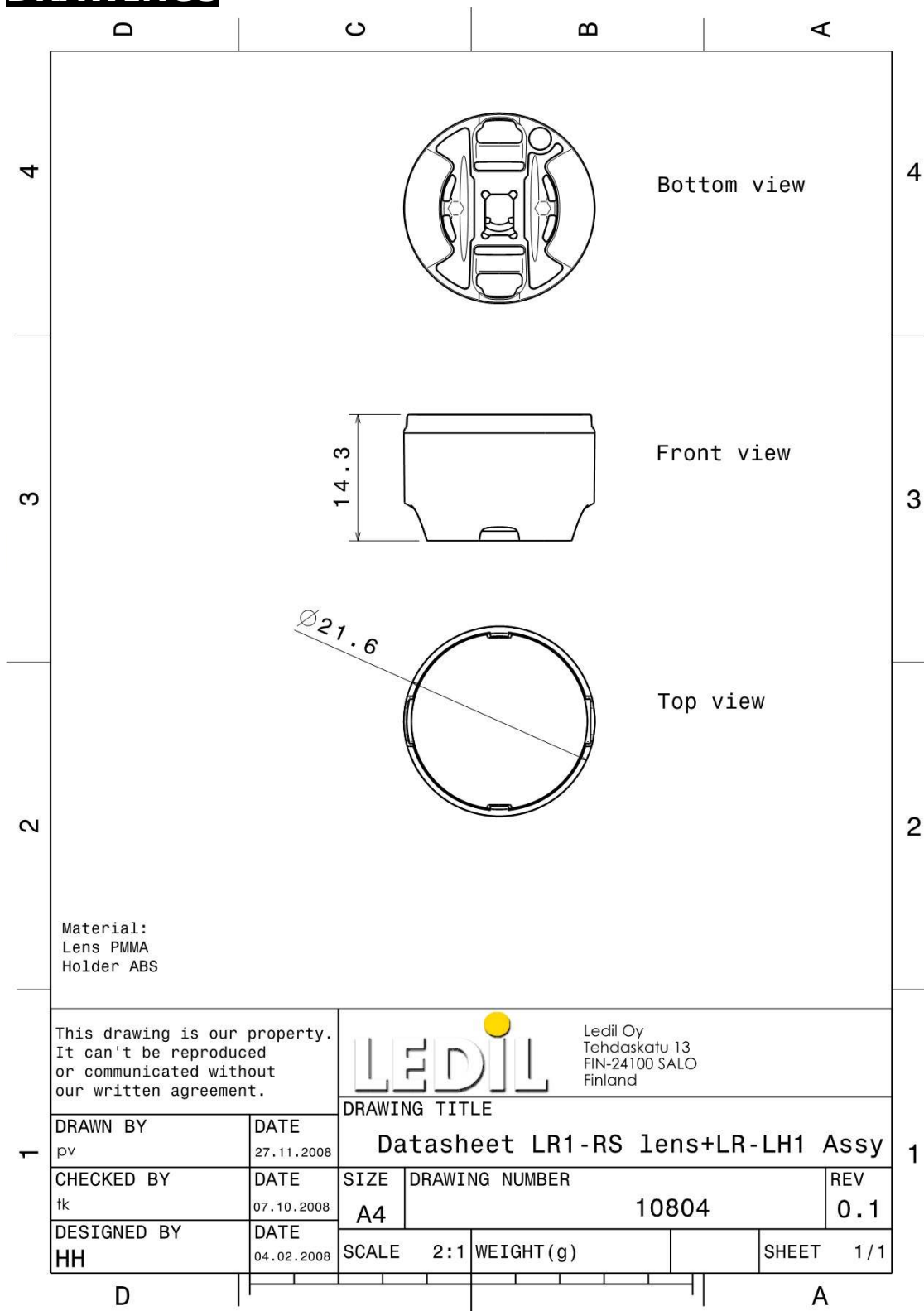


Relative Intensity of FA10890\_LR1-W



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## DRAWINGS



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