

## LR1 LENSES FOR LUXEON REBEL LEDs



LUXEON<sup>®</sup>  
www.luxeon.com



- 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.

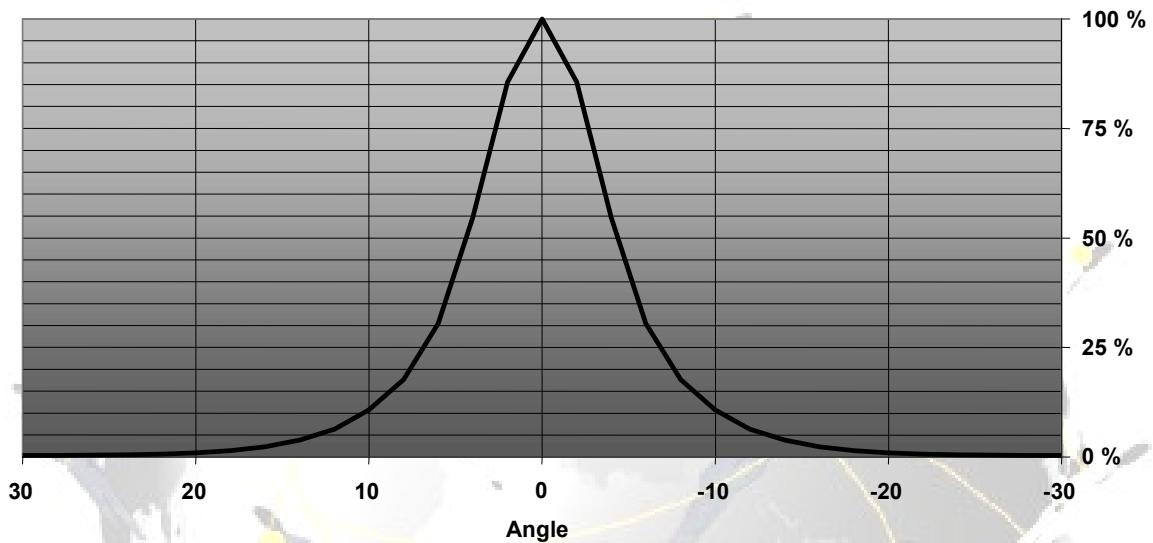
## LENS TYPES

NAME	ORDERING CODE	FWHM Angle
LR1 REAL SPOT	LR1-RS (n. 10457)	±4°
LR1 SMOOTH SPOT	LR1-SS (n. 10455)	N/A
LR1 MEDIUM	LR1-M (n. 10456)	±13°
LR1 RECTANGULAR	LR1-REC (n. 10512)	±20° x ±12°

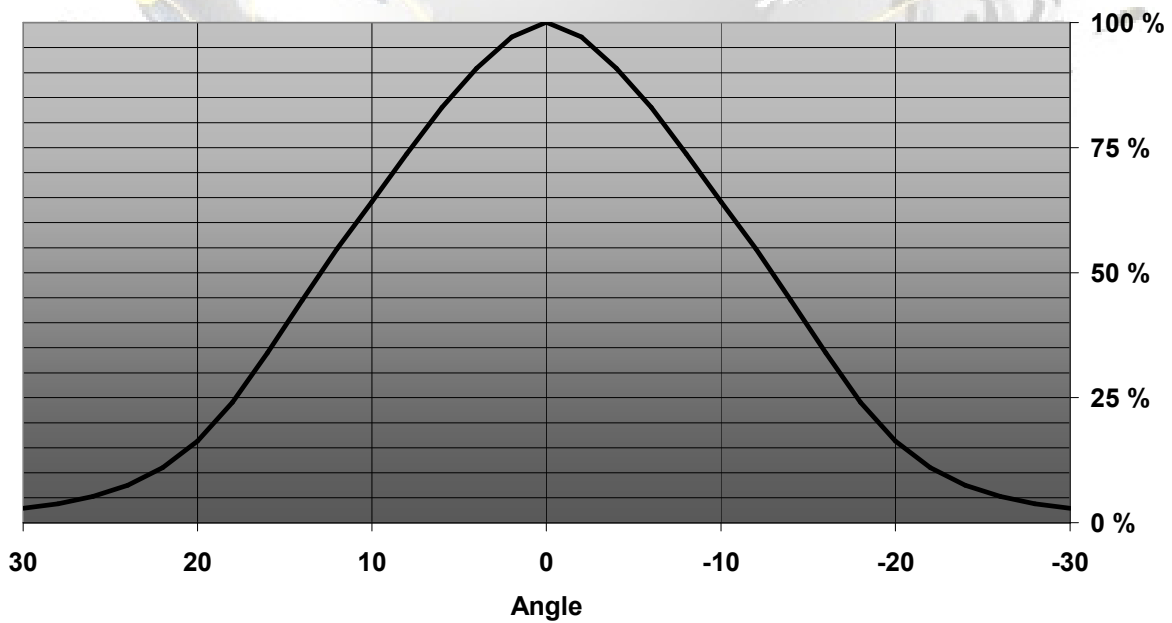
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## MEASUREMENT DATA

Relative Intensity of LR1-RS

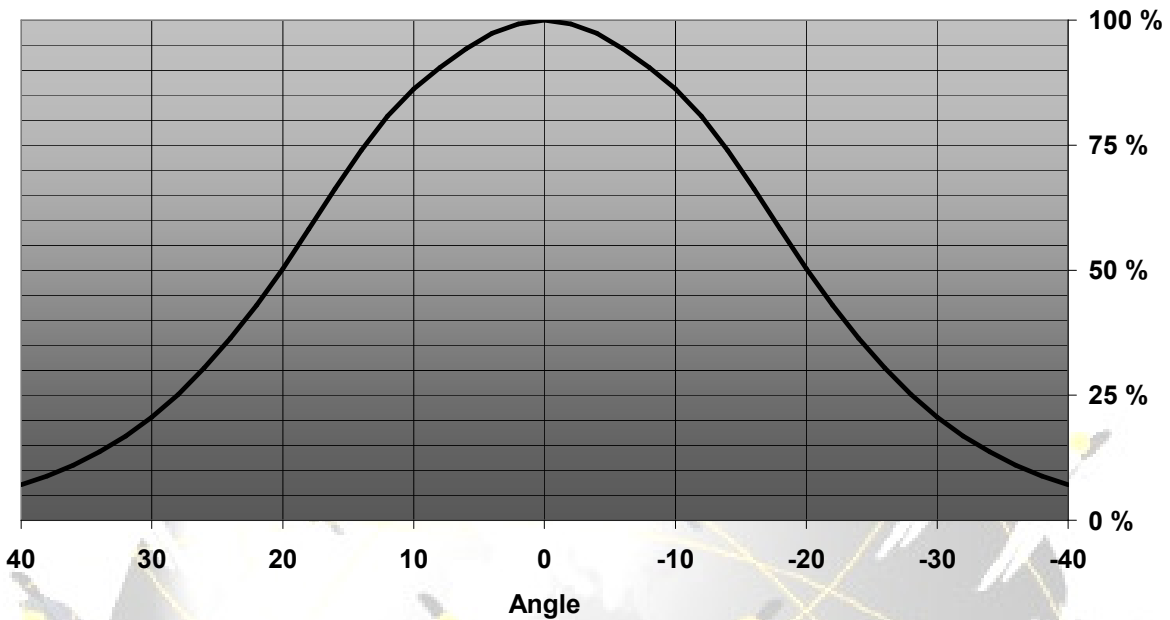


Relative Intensity of LR1-M

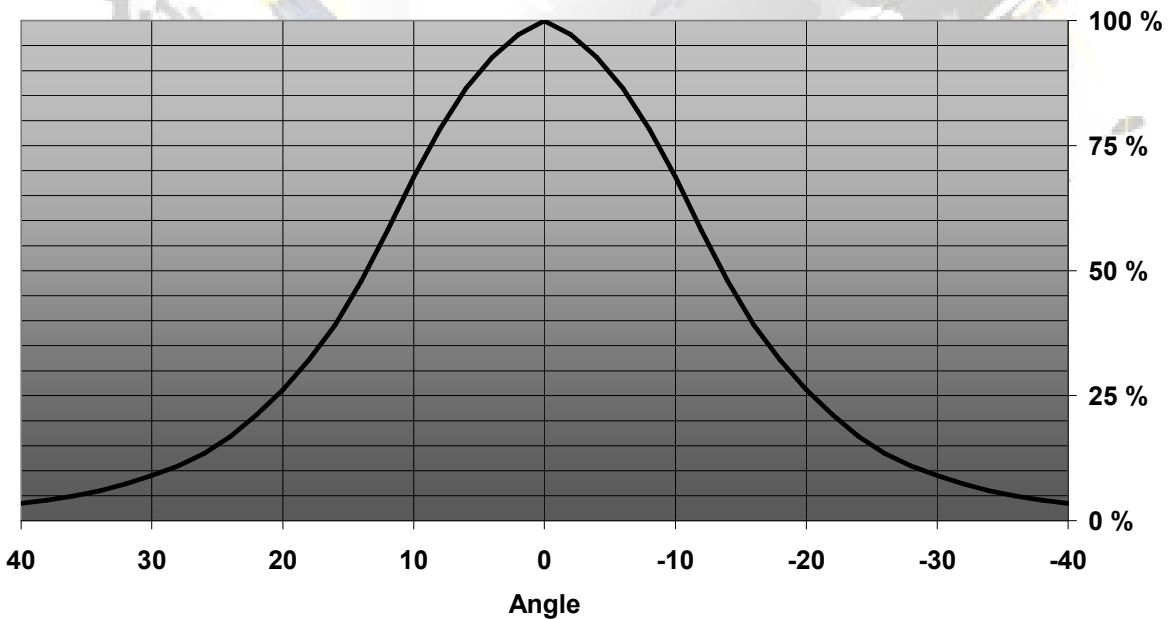


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Relative Intensity of LR1-REC (horizontal)



Relative Intensity of LR1-REC (vertical)



EULUMDAT & IES FILES AVAILABLE BY REQUEST

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**DRAWINGS**

**COMING SOON**

**D=21.6mm (holder+lens assembled)**



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