

## LE1 LENSES FOR LEDENGIN 5W LEDs

LedEngin, Inc.



- Specially designed for LedEngin 5W 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 (90°C/194°F)
- 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](http://www.ledil.com/datasheets/DataSheet_GLUES.pdf))

## LENS TYPES

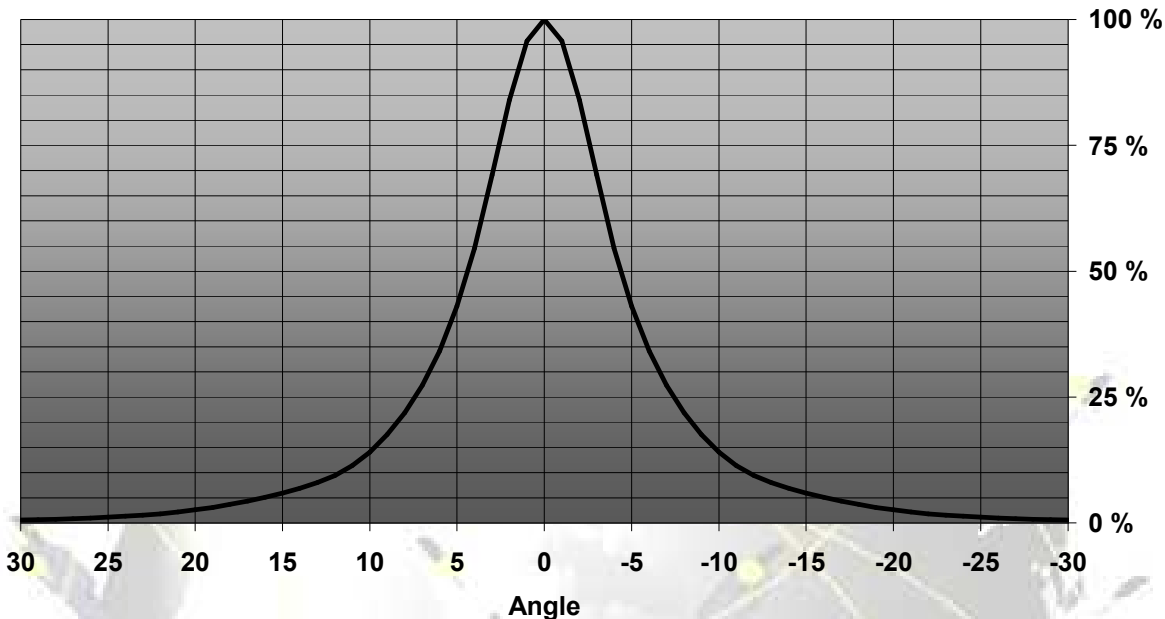
| NAME            | ORDERING CODE    | FWHM Angle  |
|-----------------|------------------|-------------|
| LE1 REAL SPOT   | FA10784_LE1-RS   | ±4°         |
| LE1 DIFFUSER    | FA10786_LE1-D    | ±5°         |
| LE1 MEDIUM      | FA10783_LE1-M    | ±12°        |
| LE1 MEDIUM2     | FA11454_LE1-M2   | Coming soon |
| LE1 OVAL        | FA11103_LE1-O-90 | Coming soon |
| LE1 RECTANGULAR | FA10785_LE1-REC  | ±19° x 12°  |

**NOTE: DELIVERED UNASSEMBLED**

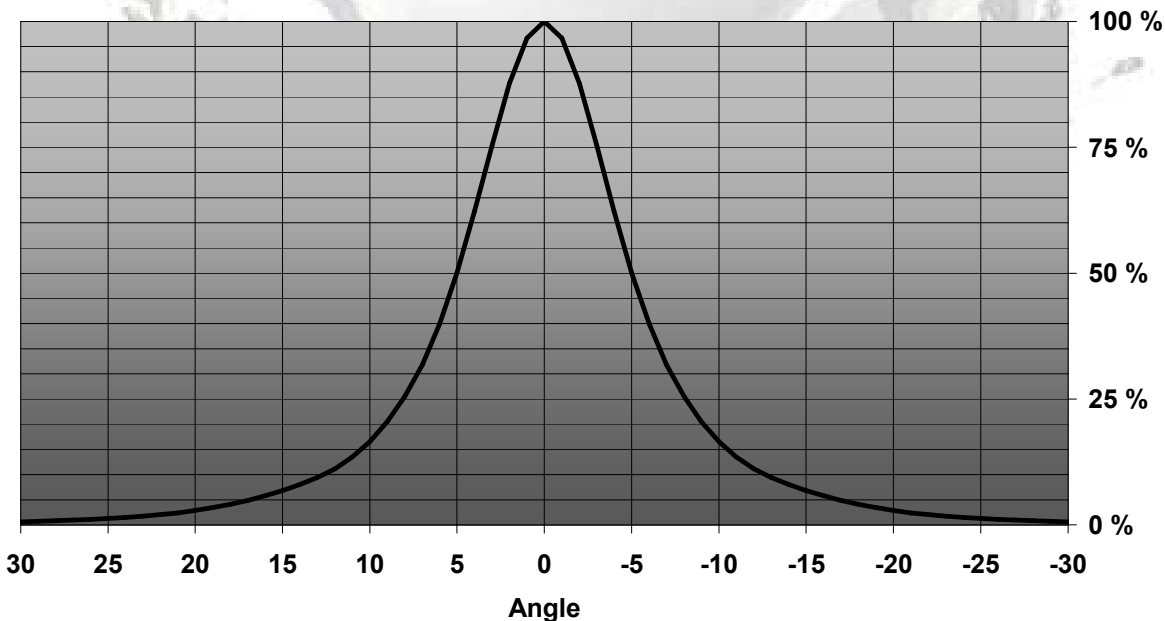
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## MEASUREMENT DATA

Relative Intensity of LE1-RS

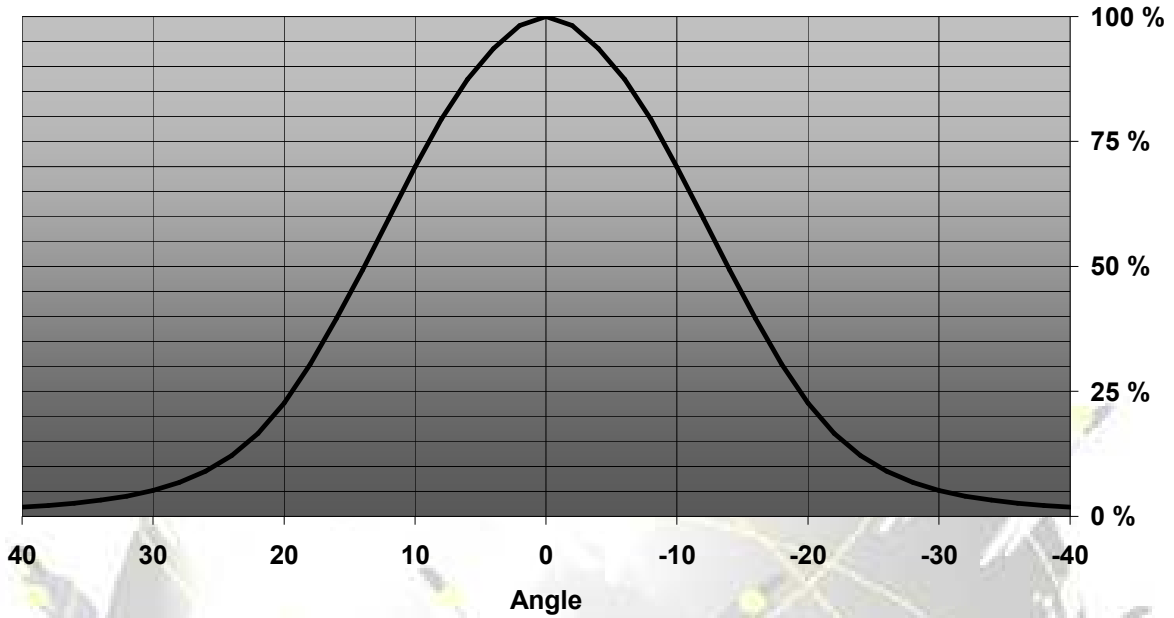


Relative Intensity of LE1-SS

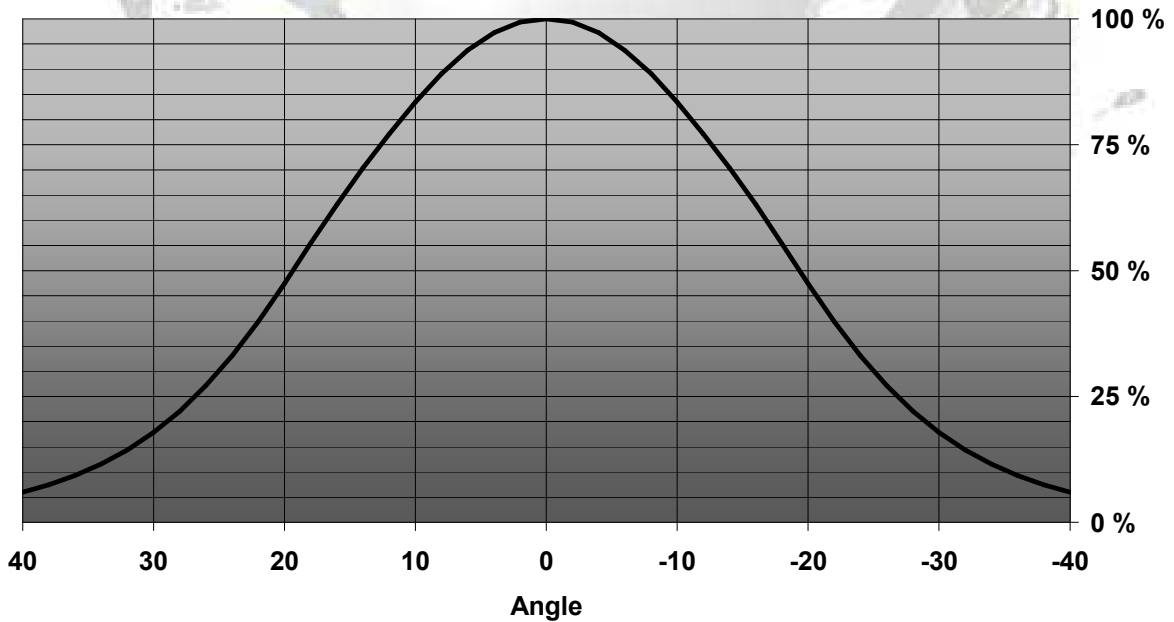


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Relative Intensity of LE1-M

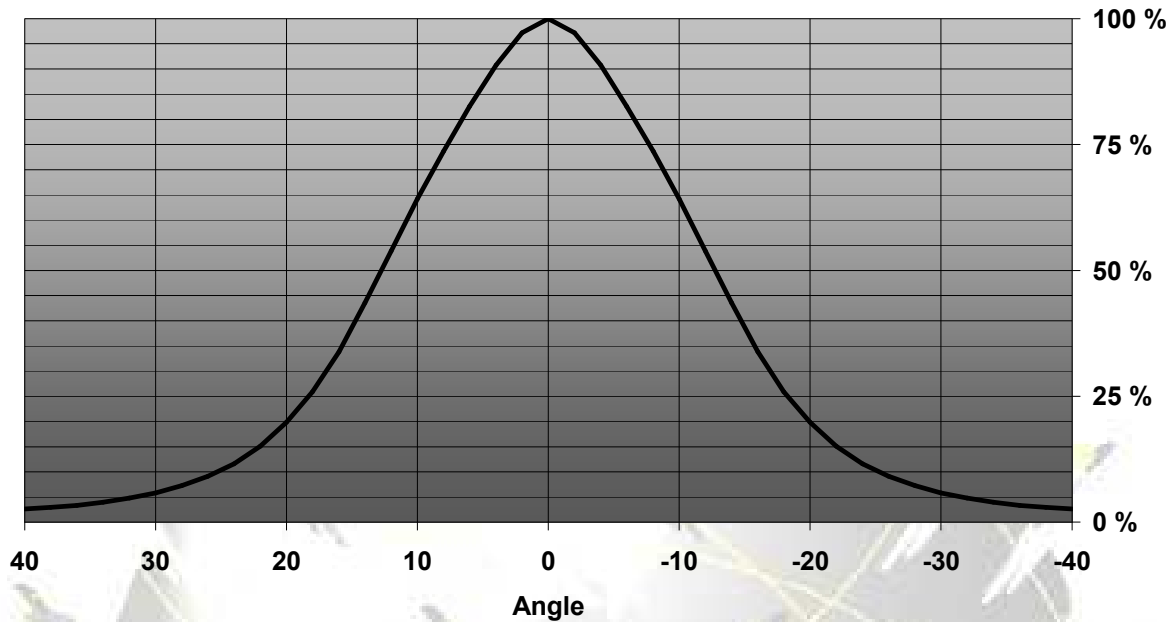


Relative Intensity of LE1-REC( horizontal)



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Relative Intensity of LE1-REC (vertical)



EULUMDAT & IES FILES AVAILABLE BY REQUEST

