

## LS5 LENSES FOR SAMSUNG SUNNIX5 LEDs



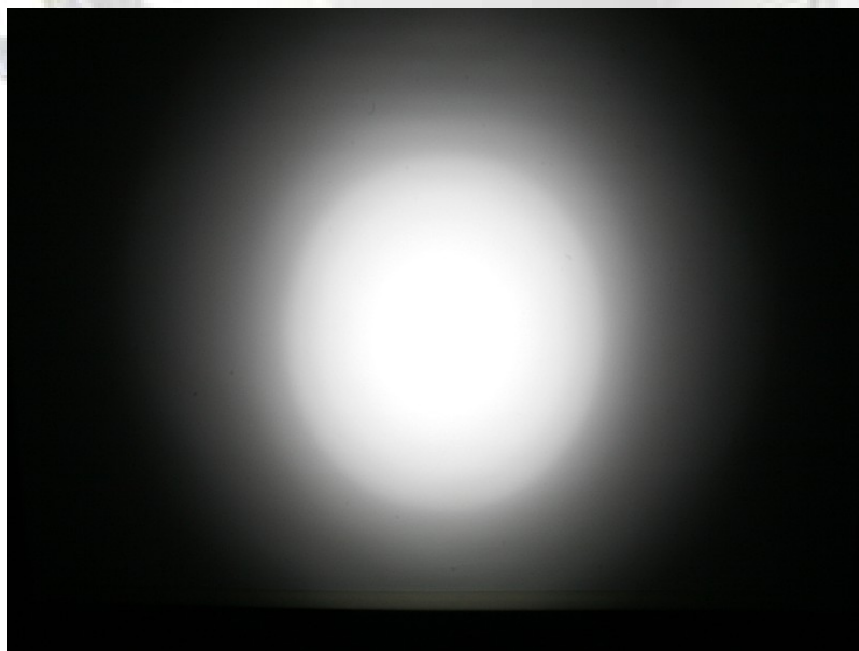
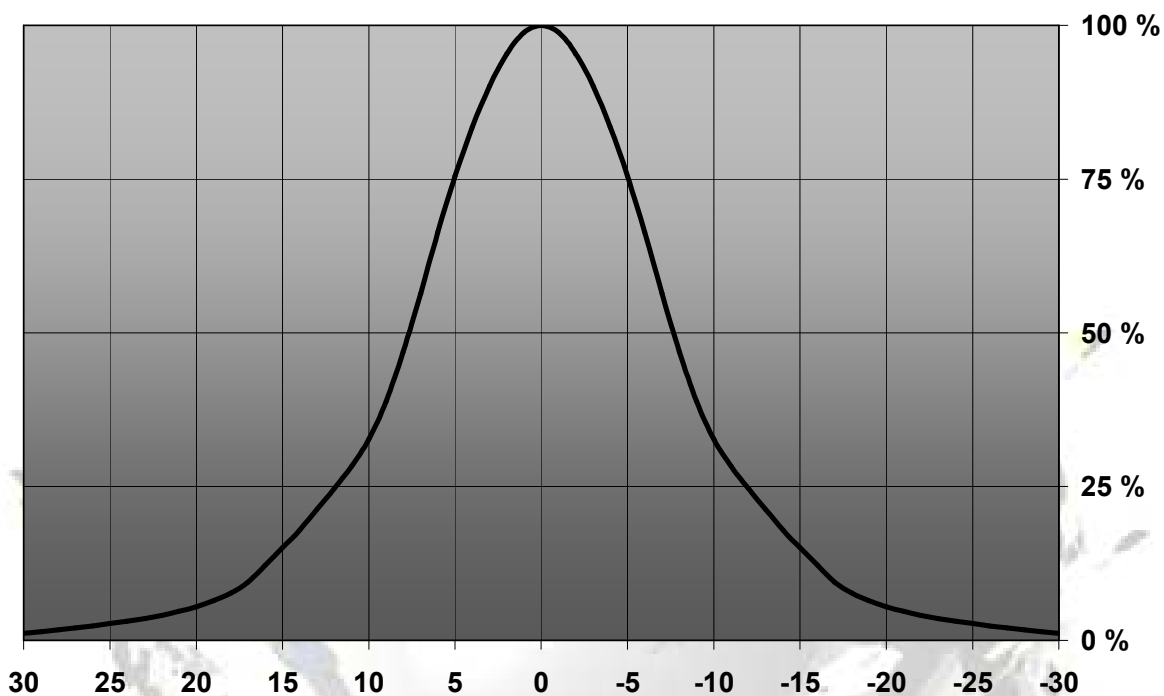
- Specially designed for Samsung Sunnix5 series of LEDs.
- Special care taken to make a uniform white or warm white illumination. Lenses work well with other colors, too.
- Lens material optical grade PMMA. Allows use of high current and temperature conditions
- Best available optical efficiency, more 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                         |
|-----------------|------------------|------------------------------------|
| LS5 REAL SPOT   | FA11060_LS5-RS   | $\pm 8^\circ$                      |
| LS5 DIFFUSER    | FA11061_LS5-D    | $\pm 10^\circ$                     |
| LS5 MEDIUM      | FA11062_LS5-M    | $\pm 14^\circ$                     |
| LS5 OVALE       | FA11063_LS5-O-90 | $\pm 9^\circ \times \pm 20^\circ$  |
| LS5 RECTANGULAR | FA11064_LS5-REC  | $\pm 13^\circ \times \pm 19^\circ$ |

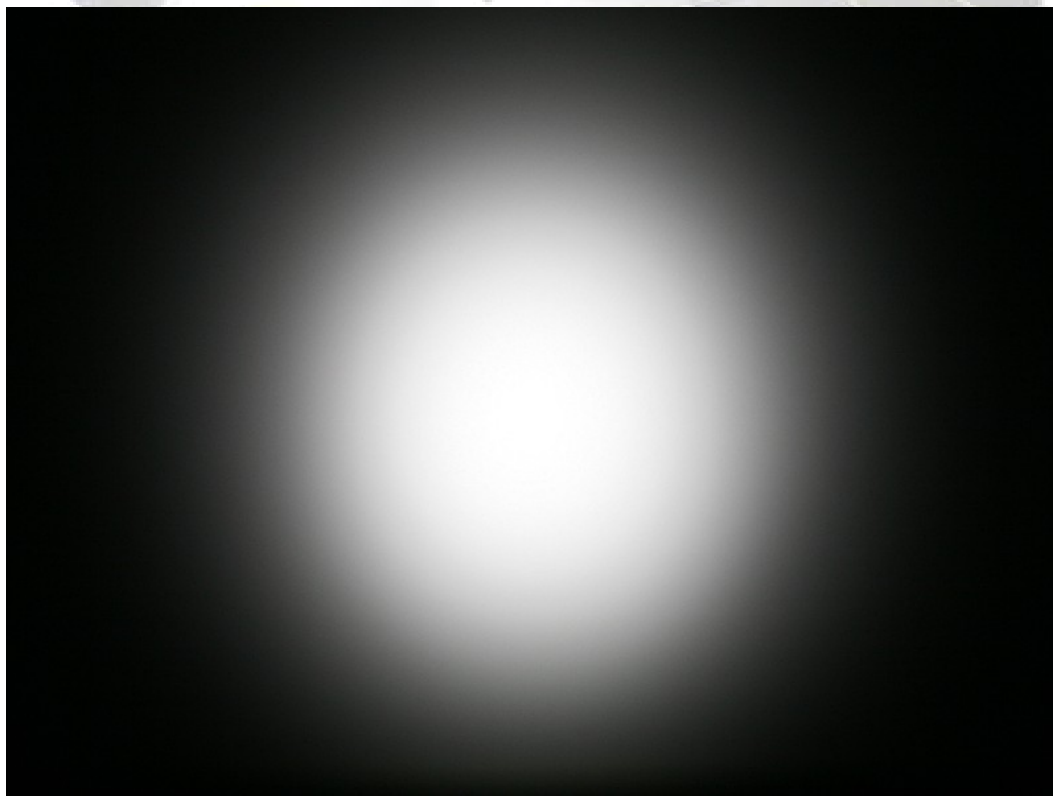
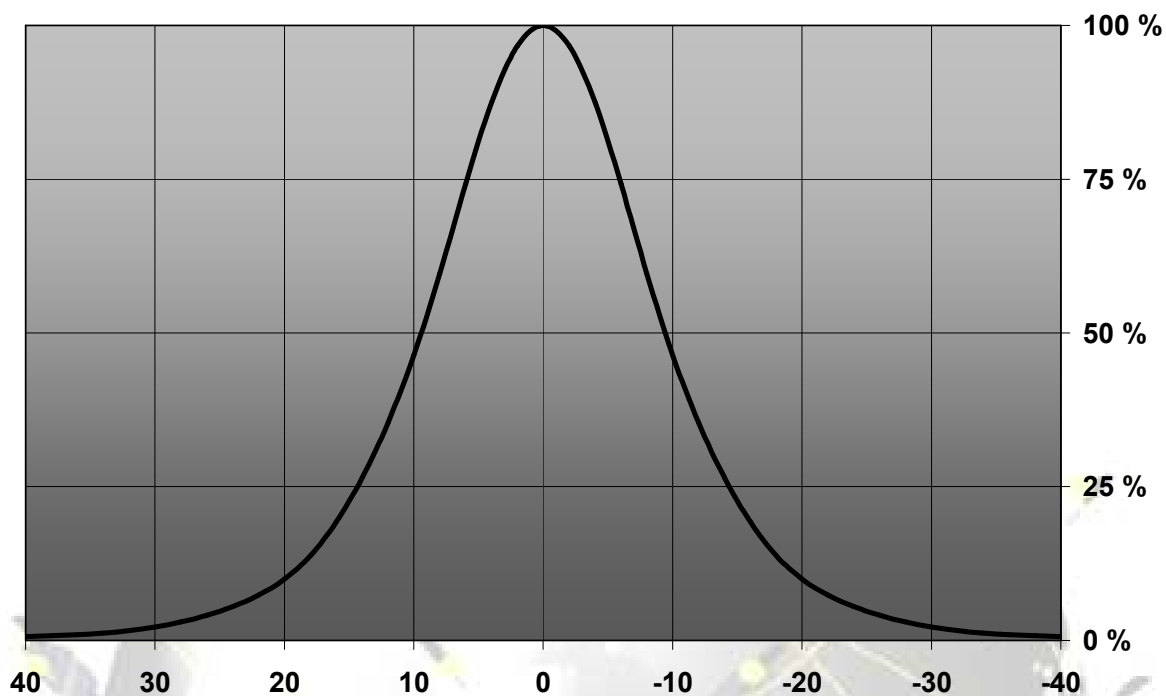
## MEASUREMENT DATA

Relative Intensity of FA11060\_LS5-RS



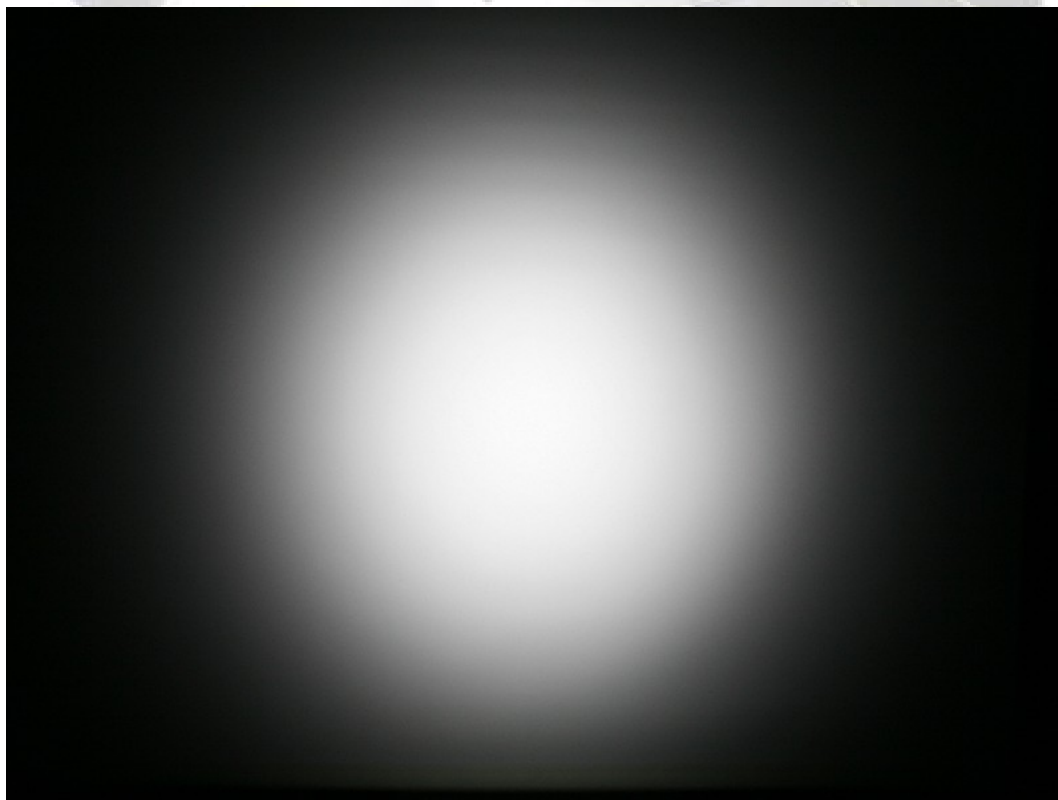
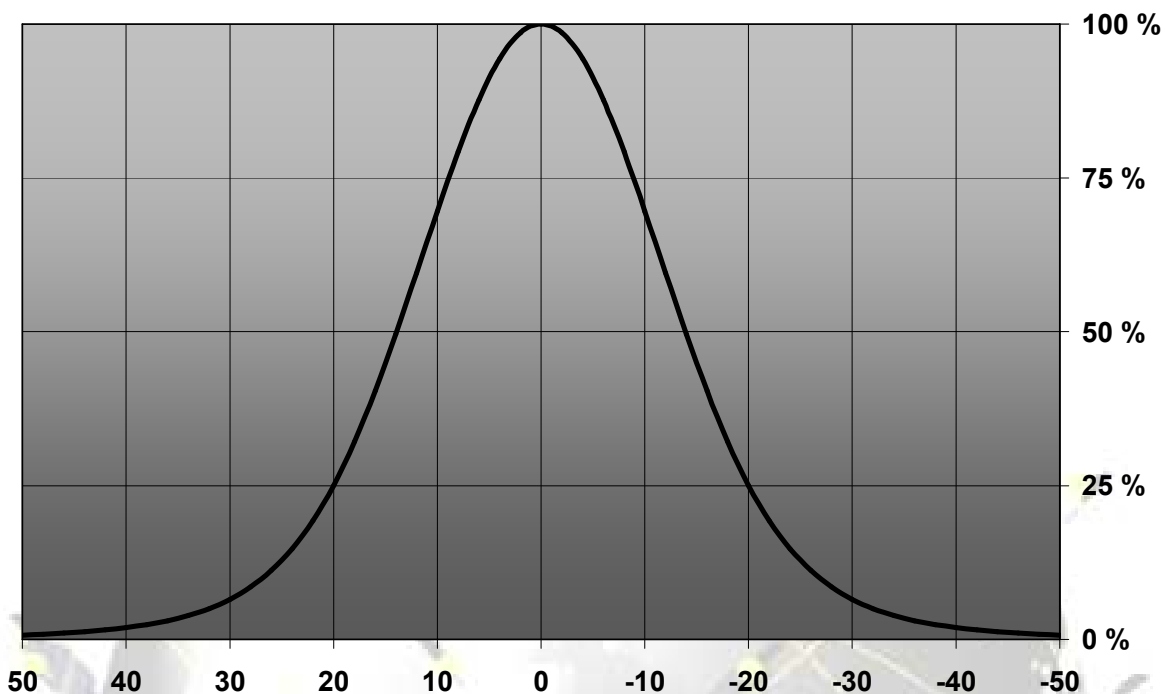
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Relative Intensity of FA11061\_LS5-D



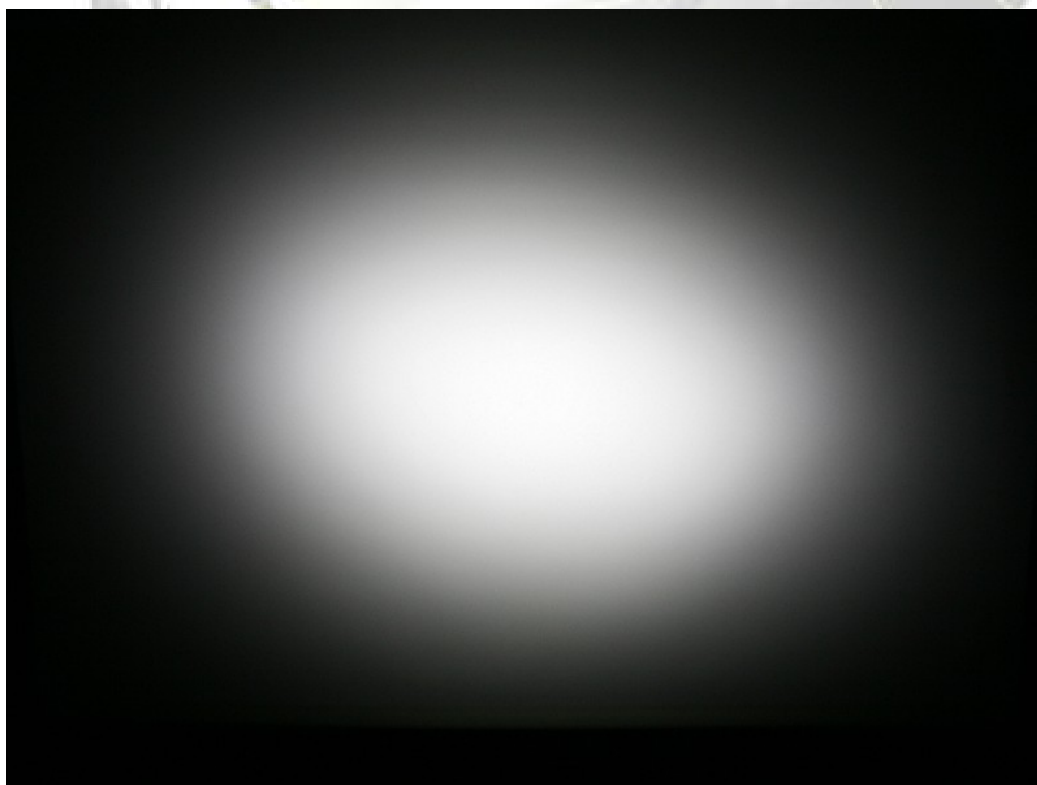
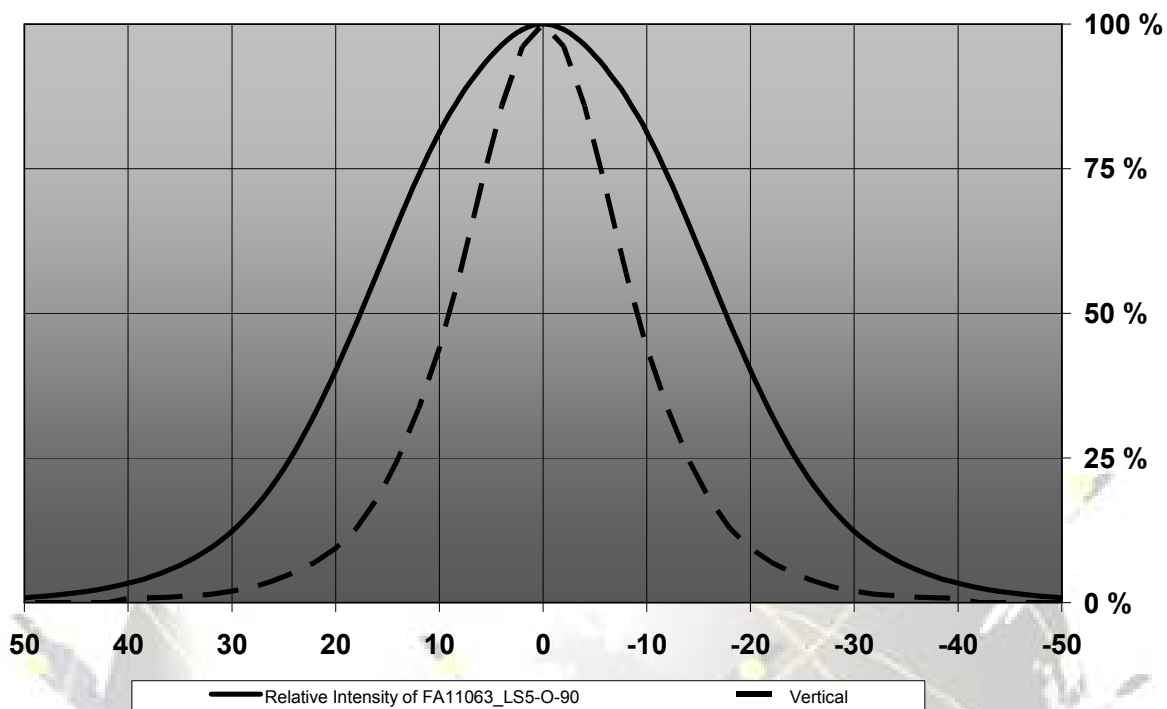
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Relative Intensity of FA11062\_LS5-M



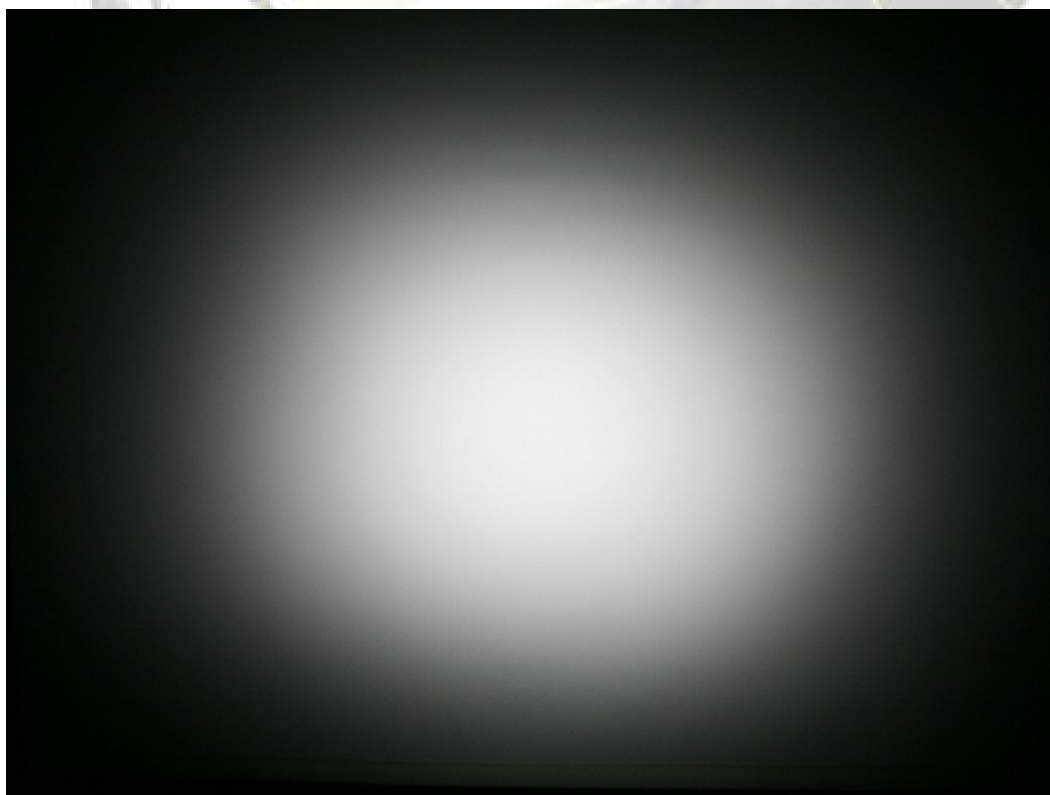
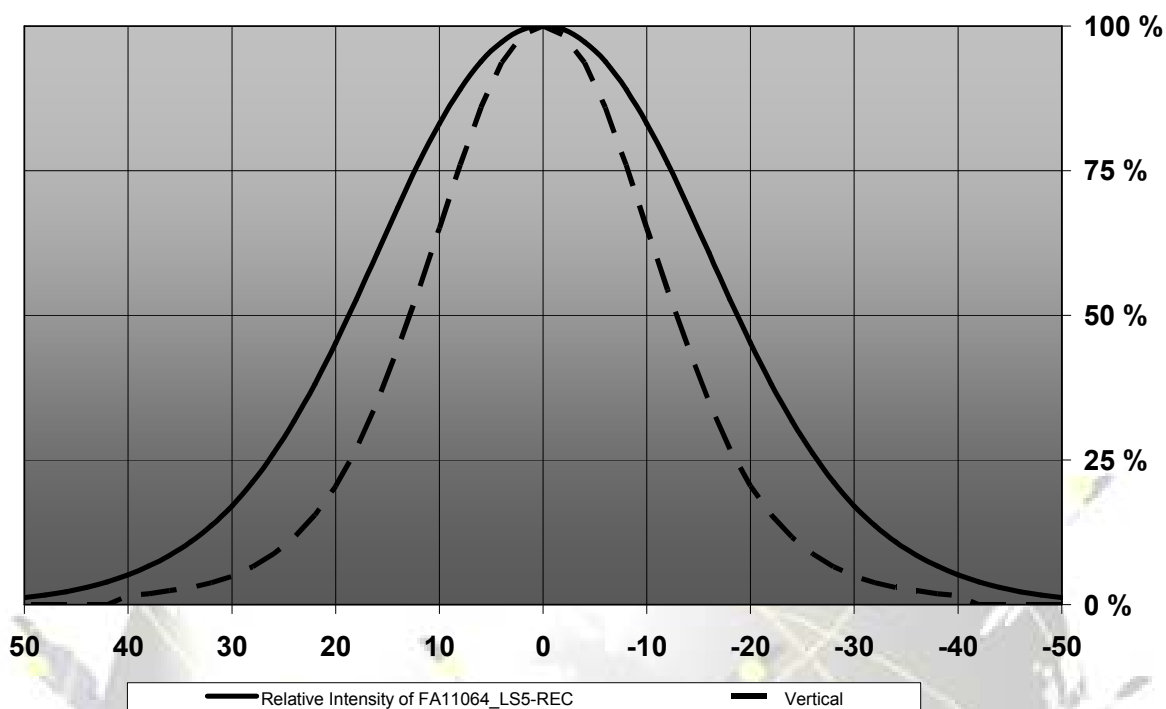
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## Relative Intensity of FA11063\_LS5-O-90



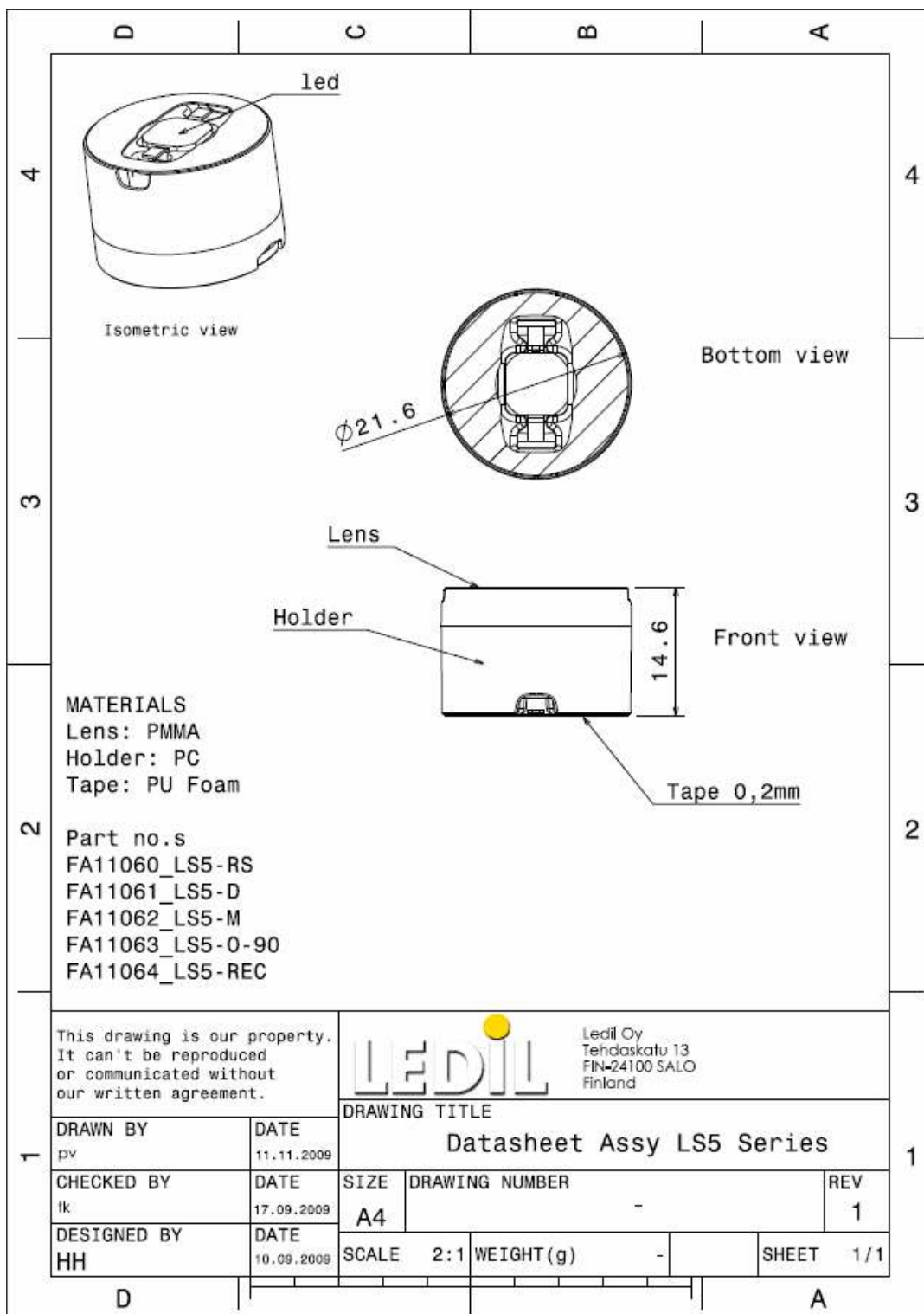
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Relative Intensity of FA11064\_LS5-REC



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## DRAWINGS



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