

## CXP SQUARE lenses for CREE XP-E LEDs (UPDATED 20100308)



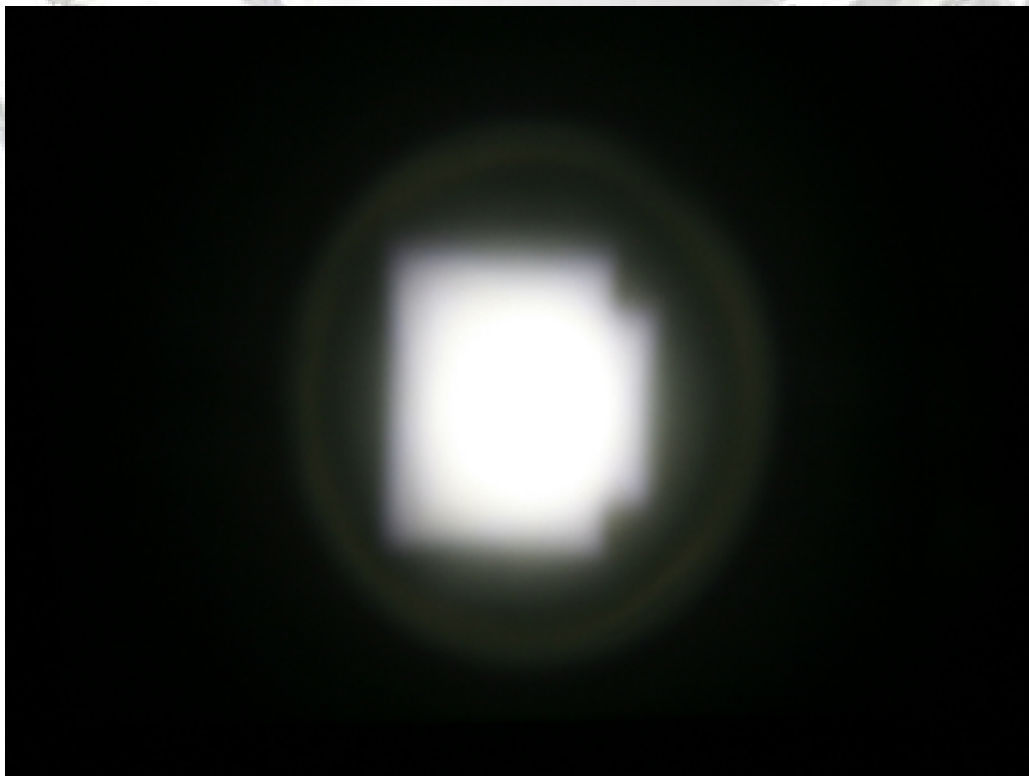
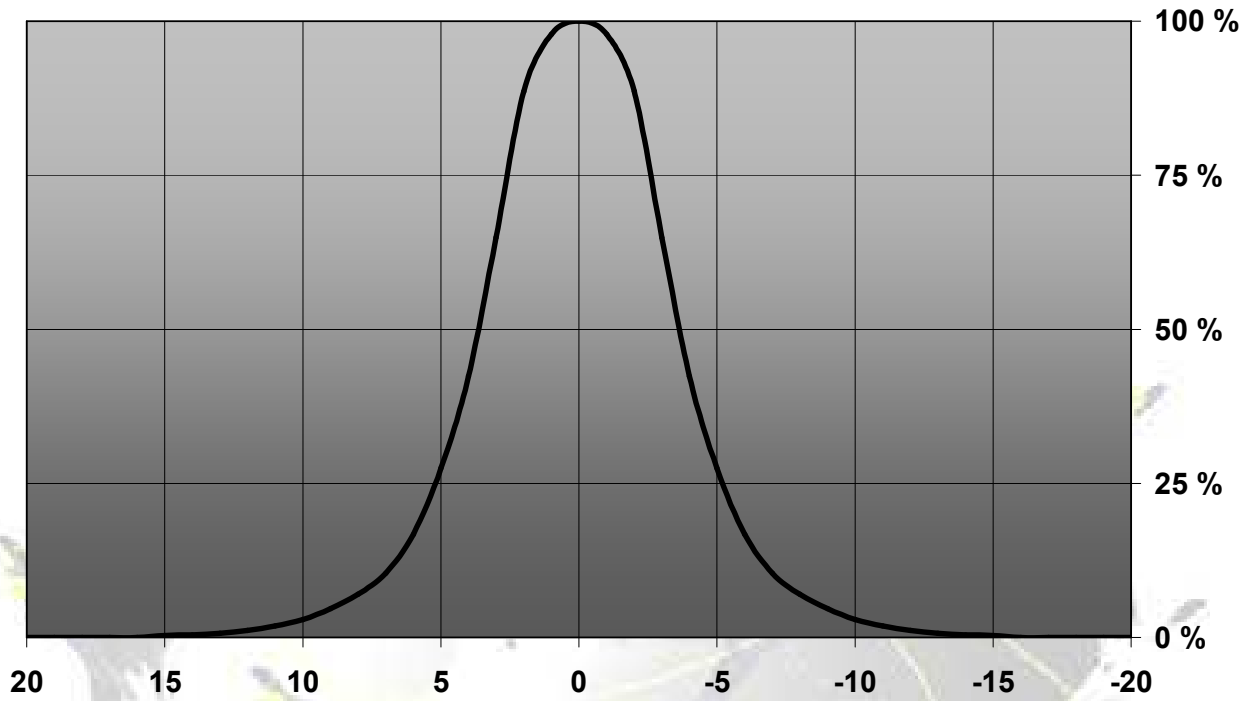
- Designed & optimized for Cree XP-E series of LEDs
- Lens material optical grade PC with high UV and temperature resistance (120°C/248°F). Allows use of high current and temperature conditions.
- Best available optical efficiency, up to 90%, with an extremely good cutoff of light
- Integrated holder. Fastening to heat sink with a PU foam adhesive tape of automotive grade
- We advise customer to ensure the suitability and sufficiency of the bond in the end product. For example, mechanical stress, vibration and holes on the surface of the circuit board weaken the strength of the tape.
- Please check fastening details from this link:  
([http://www.ledil.com/datasheets/DataSheet\\_TAPE.pdf](http://www.ledil.com/datasheets/DataSheet_TAPE.pdf))
- Compact dimensions 21.6 x 21.6 mm. Square form enables easy build of matrix without any gaps between lenses.

### LENS TYPES

NAME	ORDERING CODE	FWHM Angle
CXP SQUARE REAL SPOT	FA10668_CXP-RS	±3°
CXP SQUARE SMOOTH SPOT	FA10667_CXP-SS	±5°
CXP SQUARE DIFFUSER	FA10666_CXP-D	±6°
CXP SQUARE MEDIUM	FA10665_CXP-M	±15°
CXP SQUARE OVAL	FA10669_CXP-O	±7° x ±23°
CXP SQUARE OVAL TURNED 90°	FA11153_CXP-O-90	±7° x ±23°
CXP SQUARE WIDE	FA10708_CXP-W	±17°

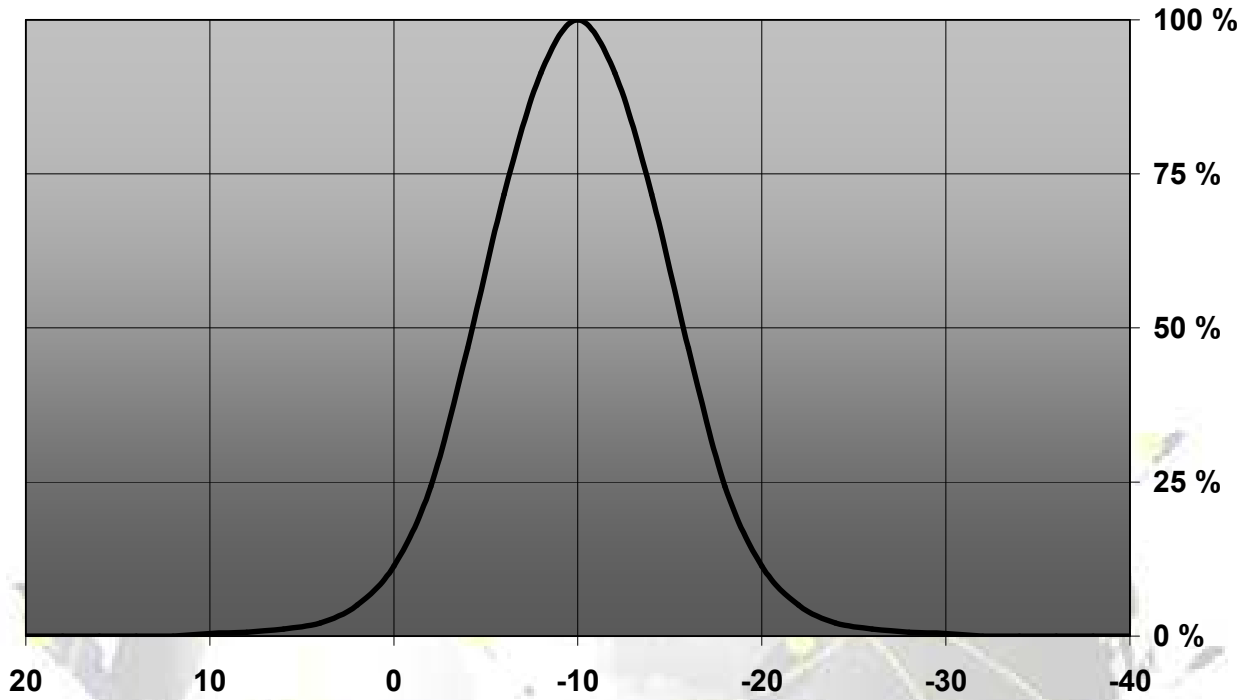
## MEASUREMENTS

Relative Intensity of FA10668\_CXP-RS



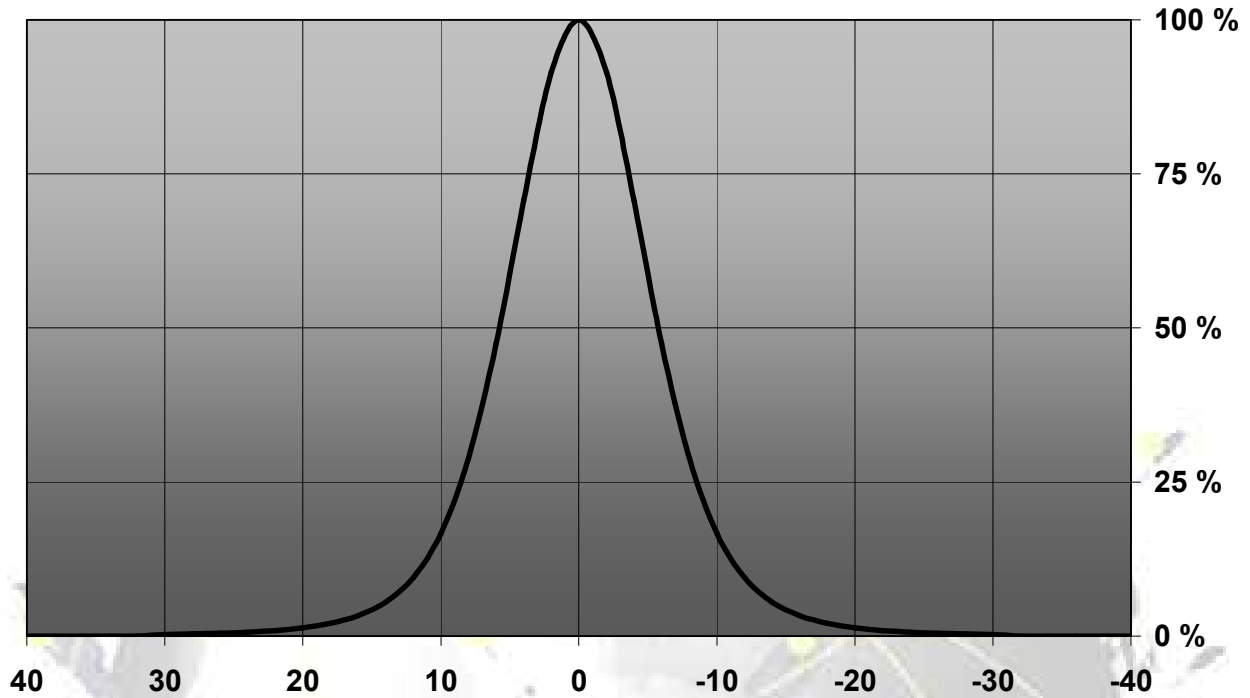
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Relative Intensity of FA10667\_CXP-SS



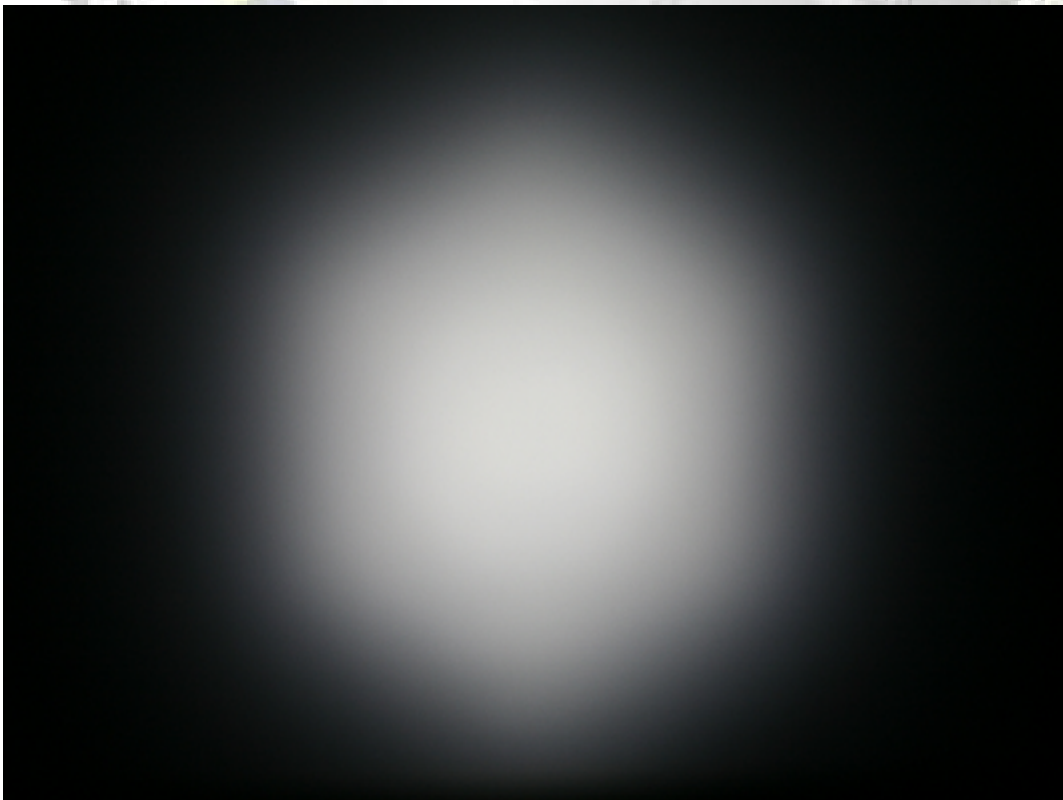
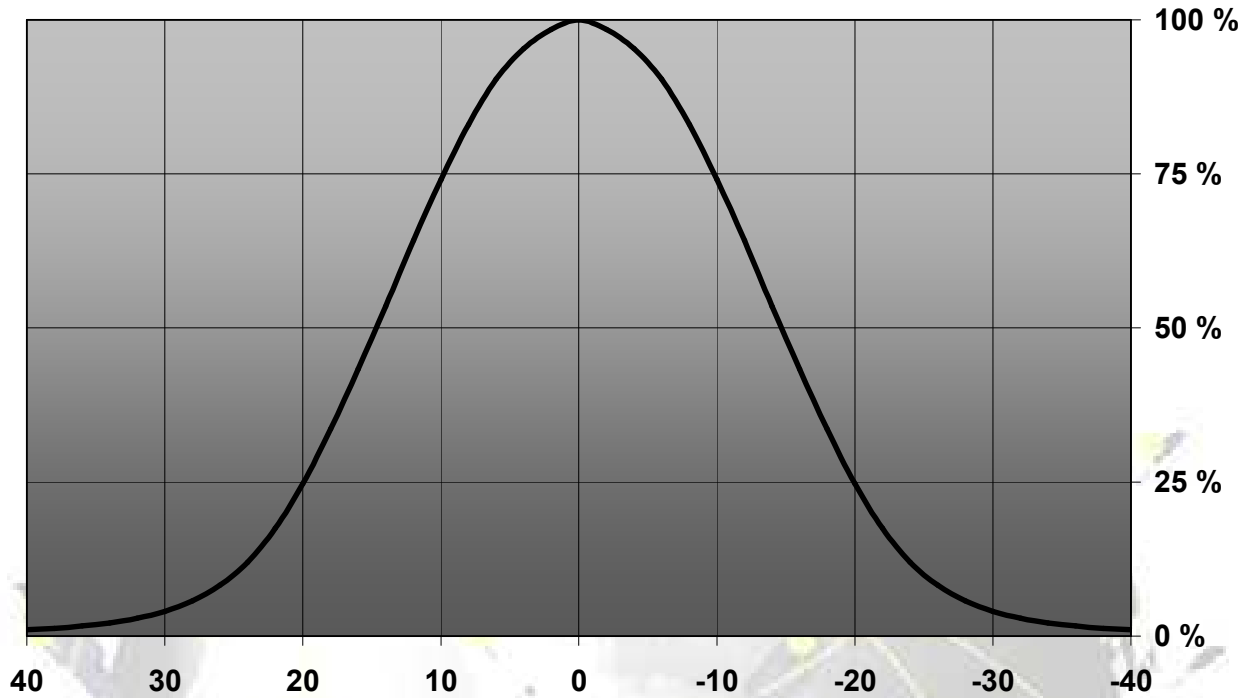
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Relative Intensity of FA10666\_CXP-D



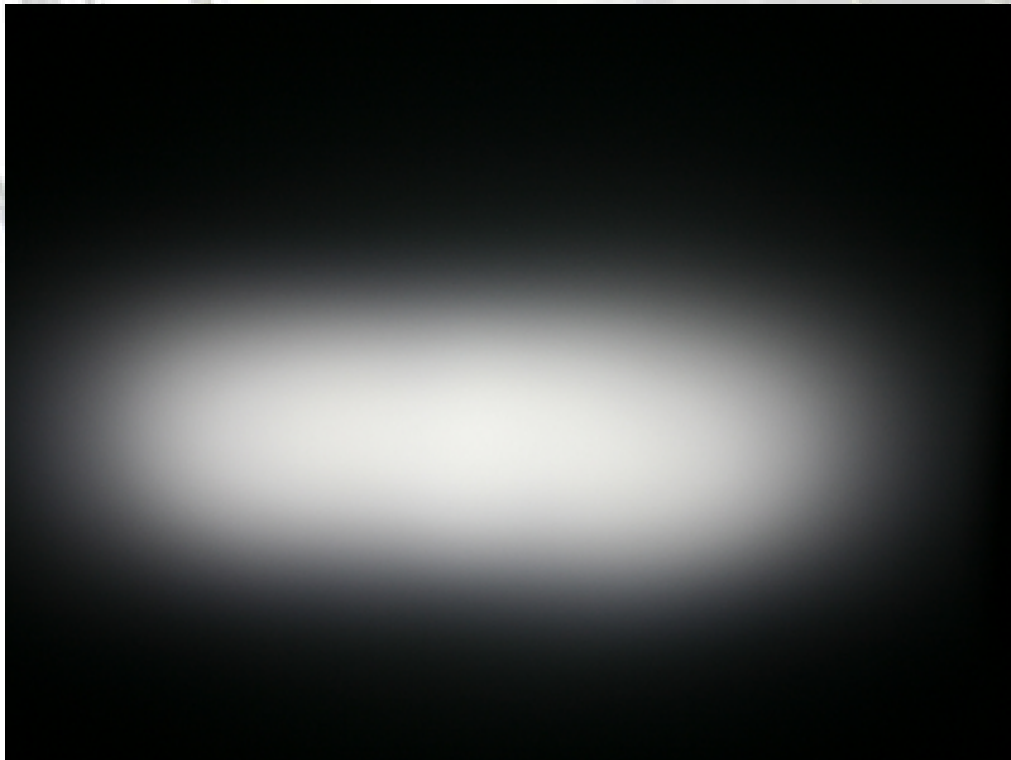
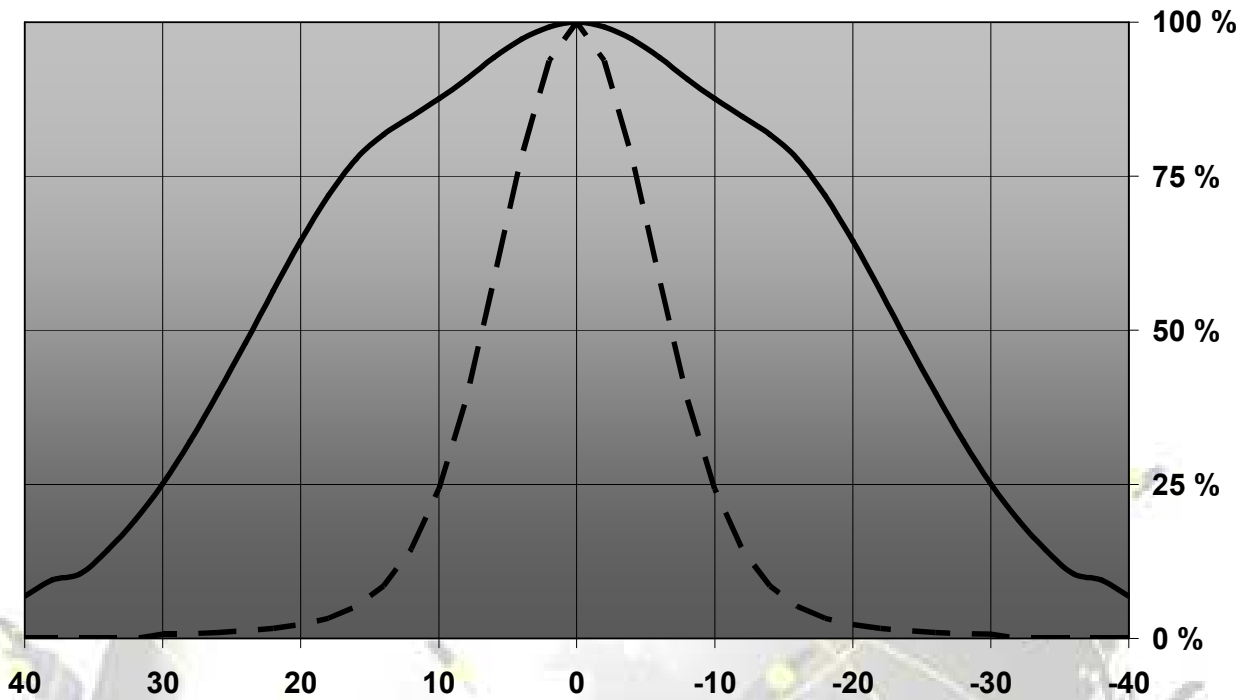
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Relative Intensity of FA10665\_CXP-M



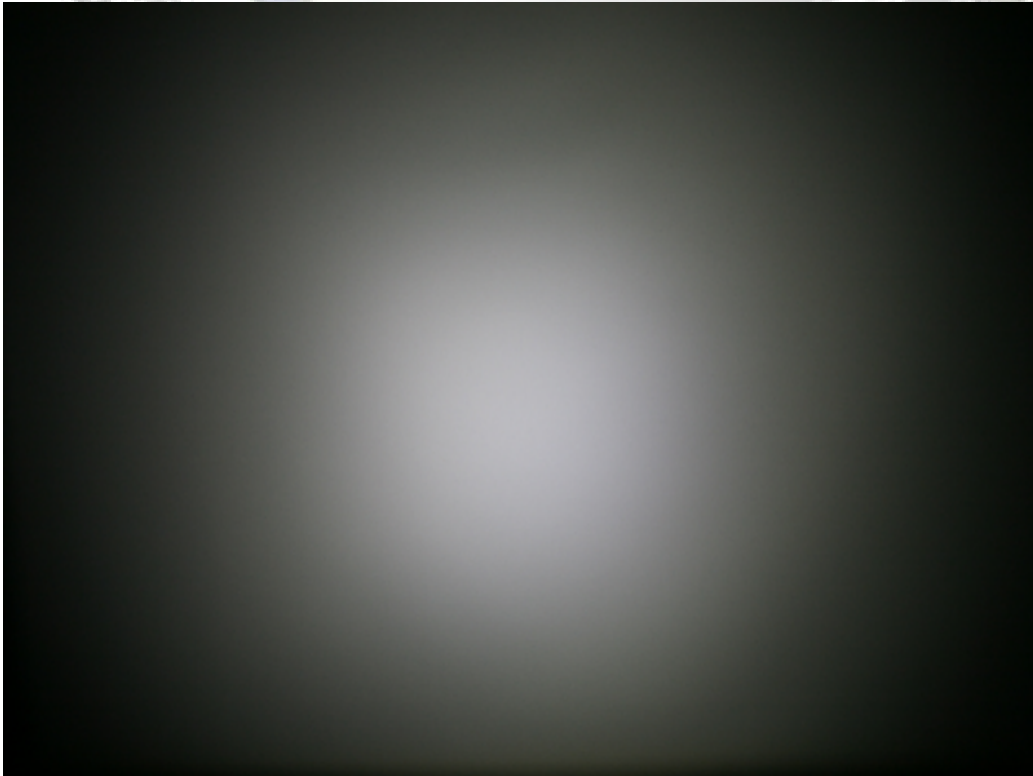
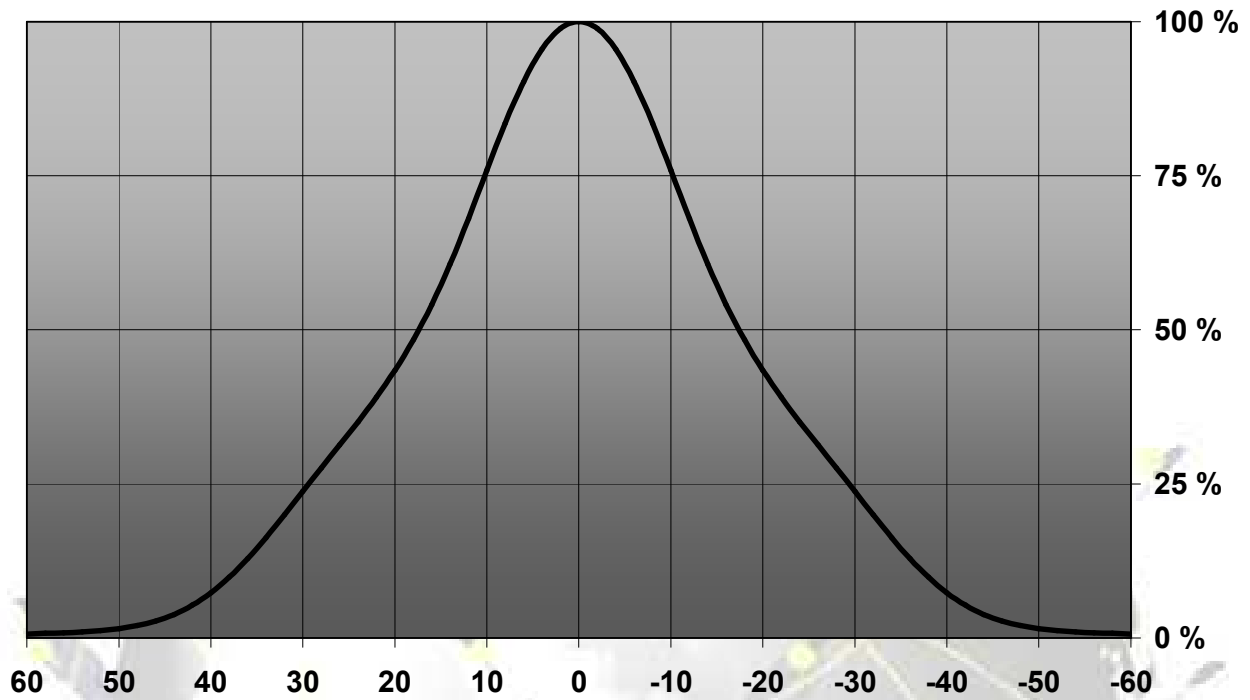
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Relative Intensity of FA10669\_CXP-O



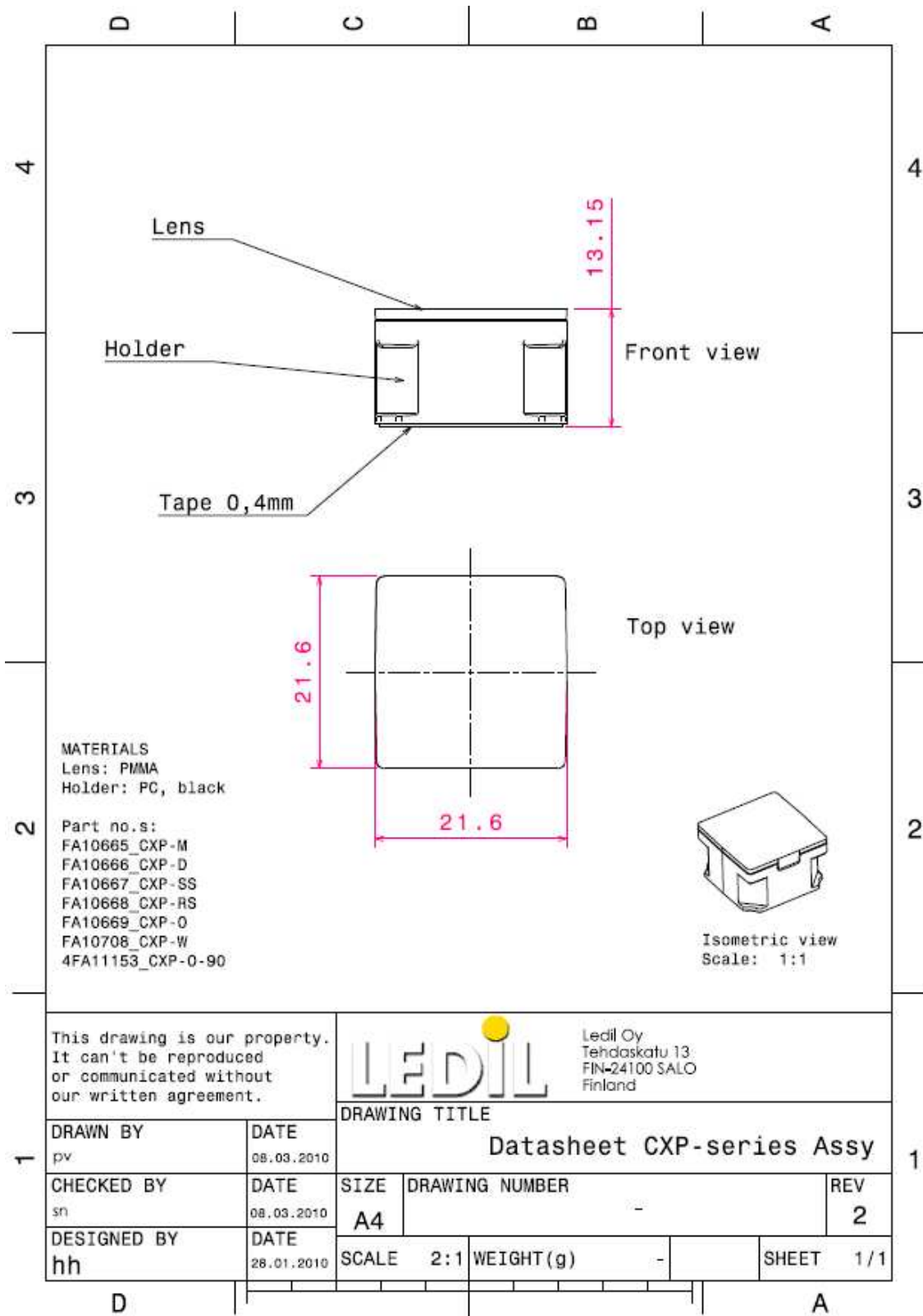
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Relative Intensity of FA10708\_CXP-W



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## DRAWINGS



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