

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

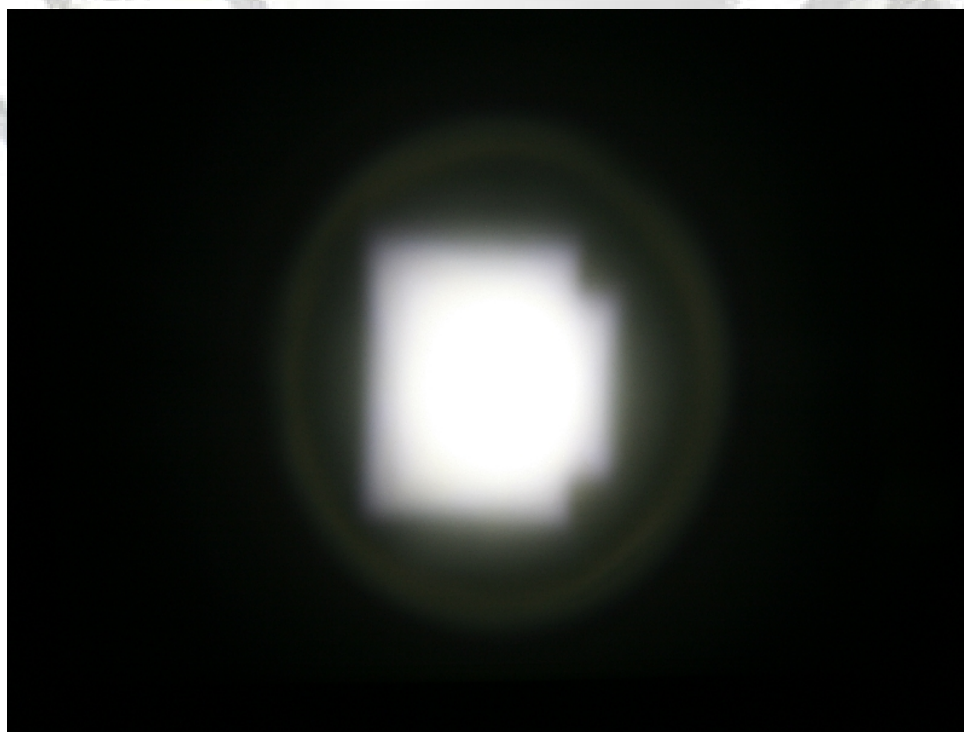
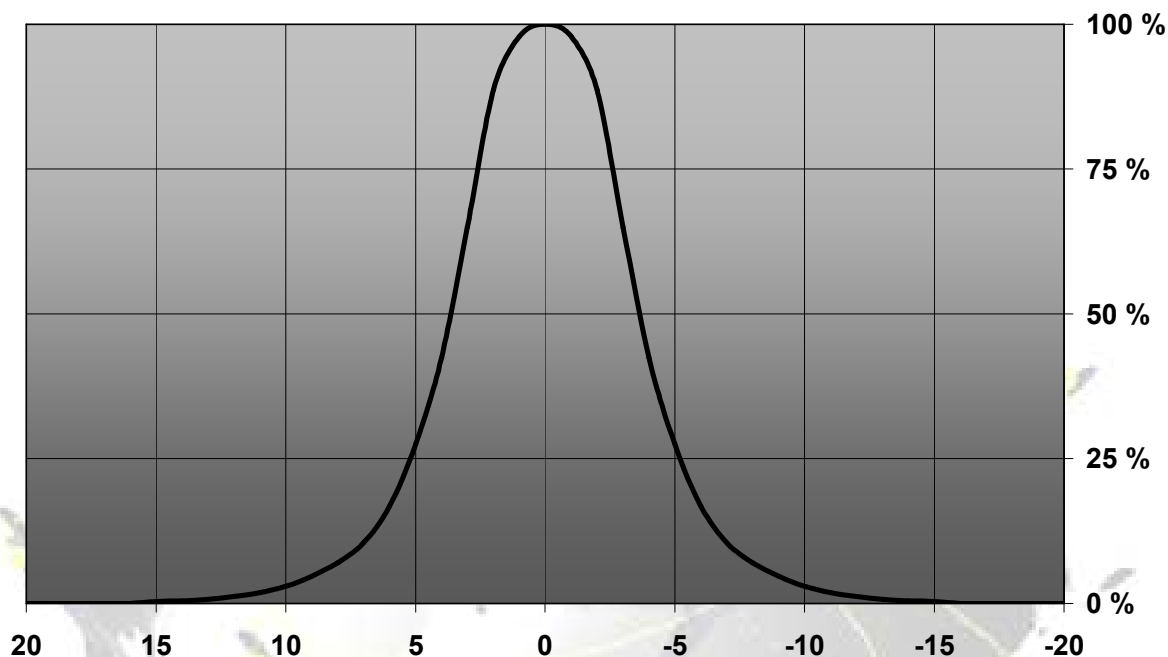
- Designed & optimized for Cree XP-E series of LEDs
- Lens material optical grade PC with high UV and temperature resistance (130°C/220°F). Allows use of high current and temperature conditions
- Best available optical efficiency, up to 90%, with an extremely good cutoff of light
- Integrated holder. Fastening to heat sink with a PU foam adhesive tape of automotive grade
- 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°	4FA11153_CXP-O-90	±7° x ±23°
CXP SQUARE WIDE	FA10708_CXP-W	±17°

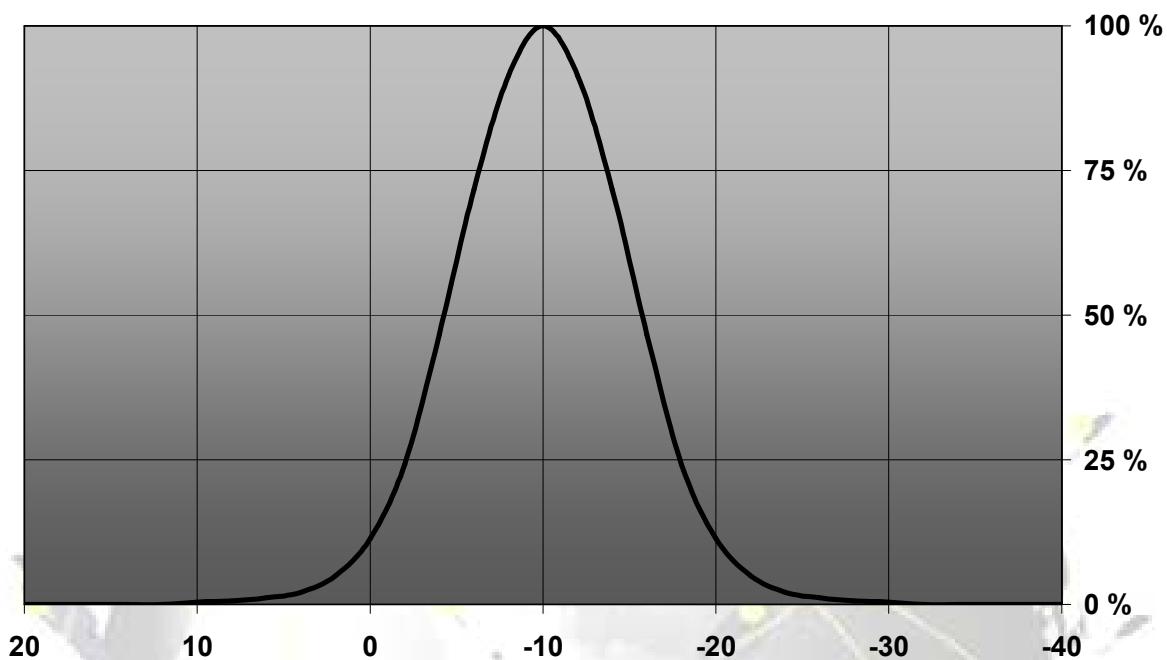
MEASUREMENTS

Relative Intensity of FA10668_CXP-RS



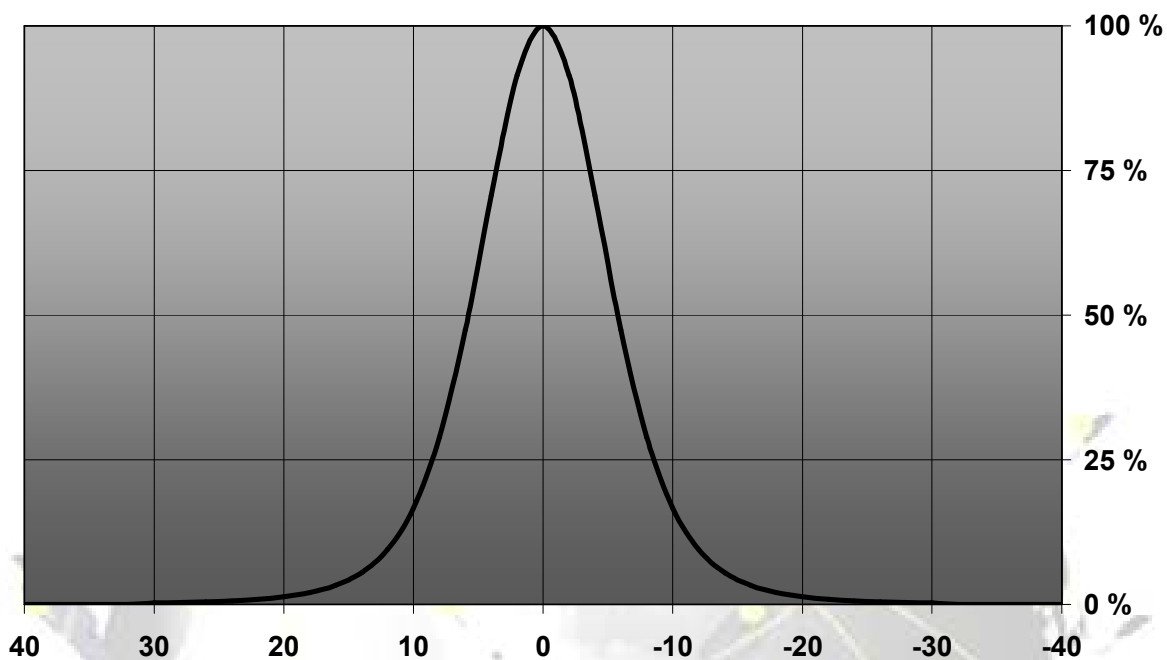
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Relative Intensity of FA10667_CXP-SS



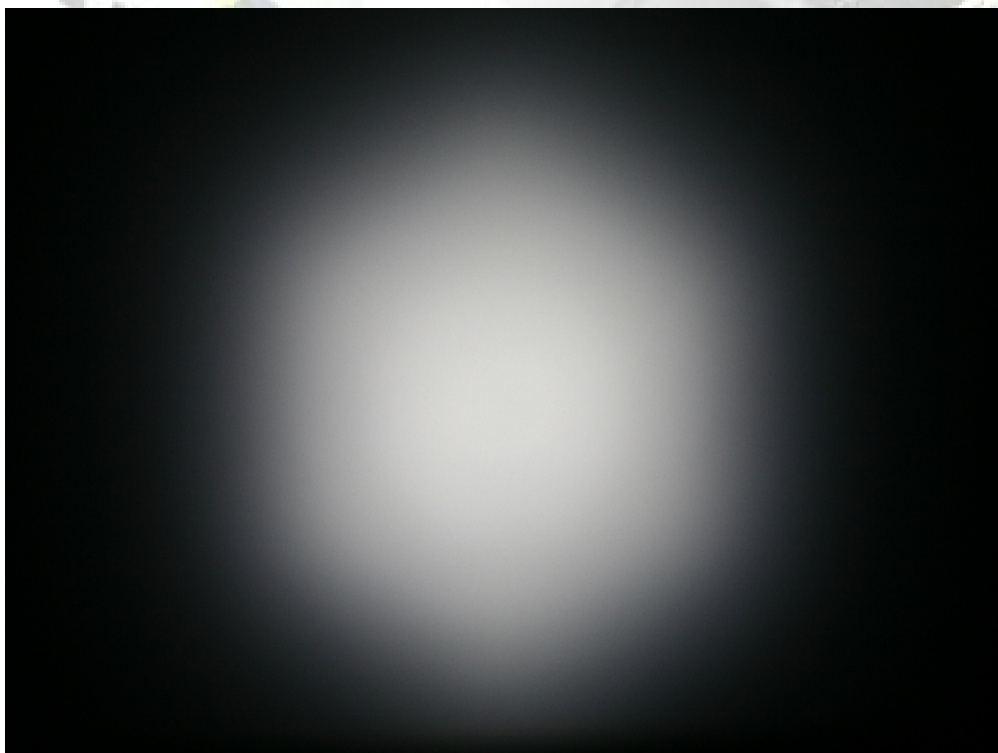
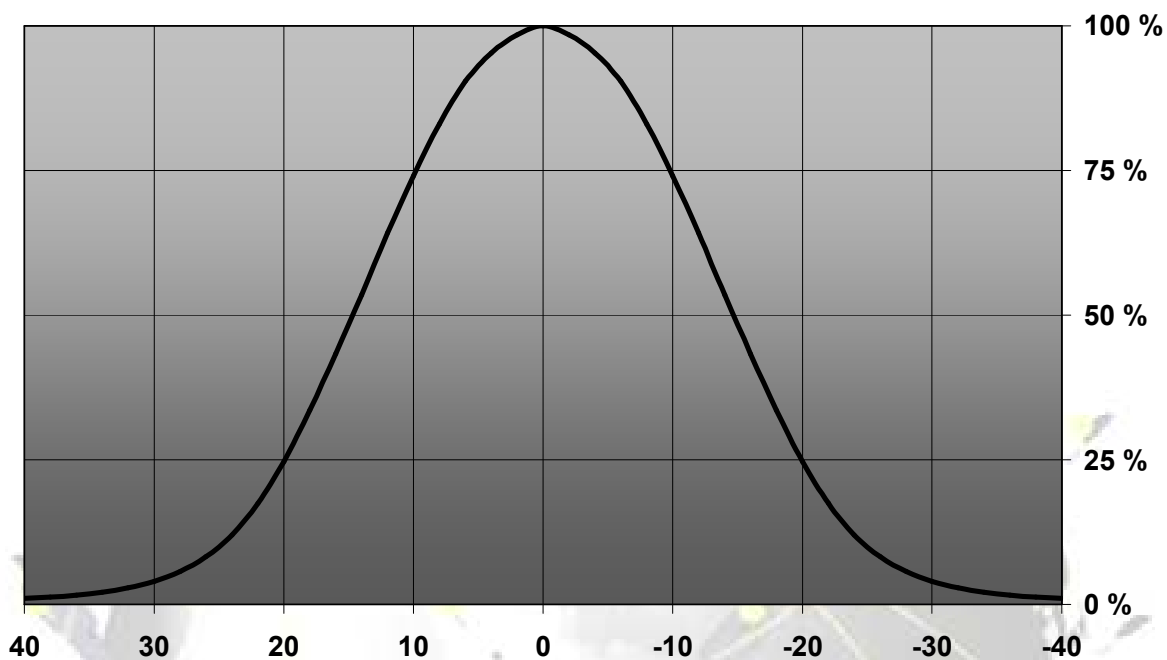
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Relative Intensity of FA10666_CXP-D



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Relative Intensity of FA10665_CXP-M



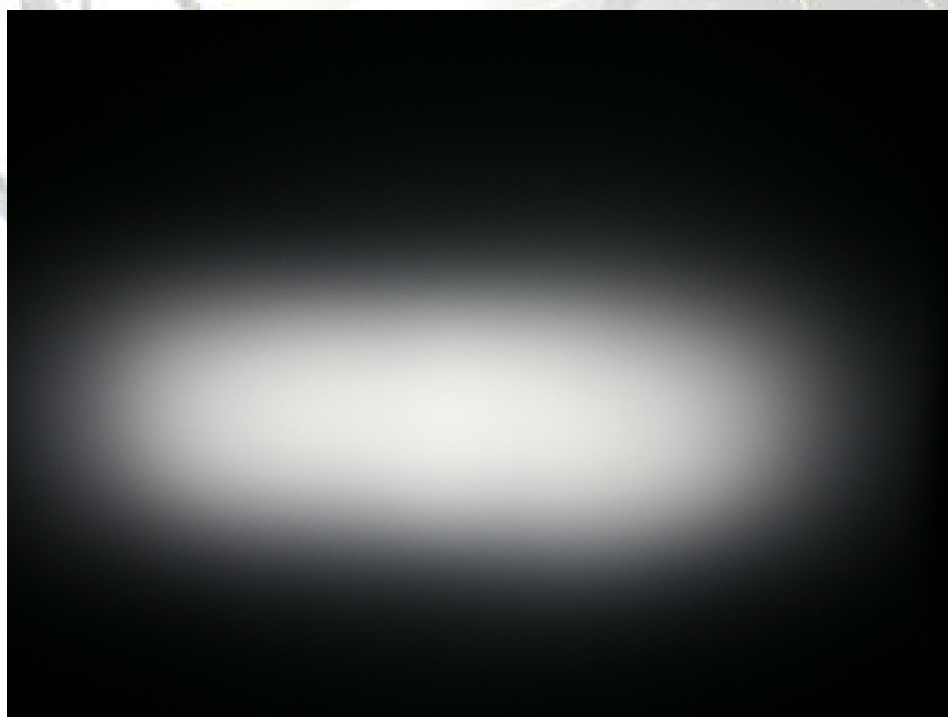
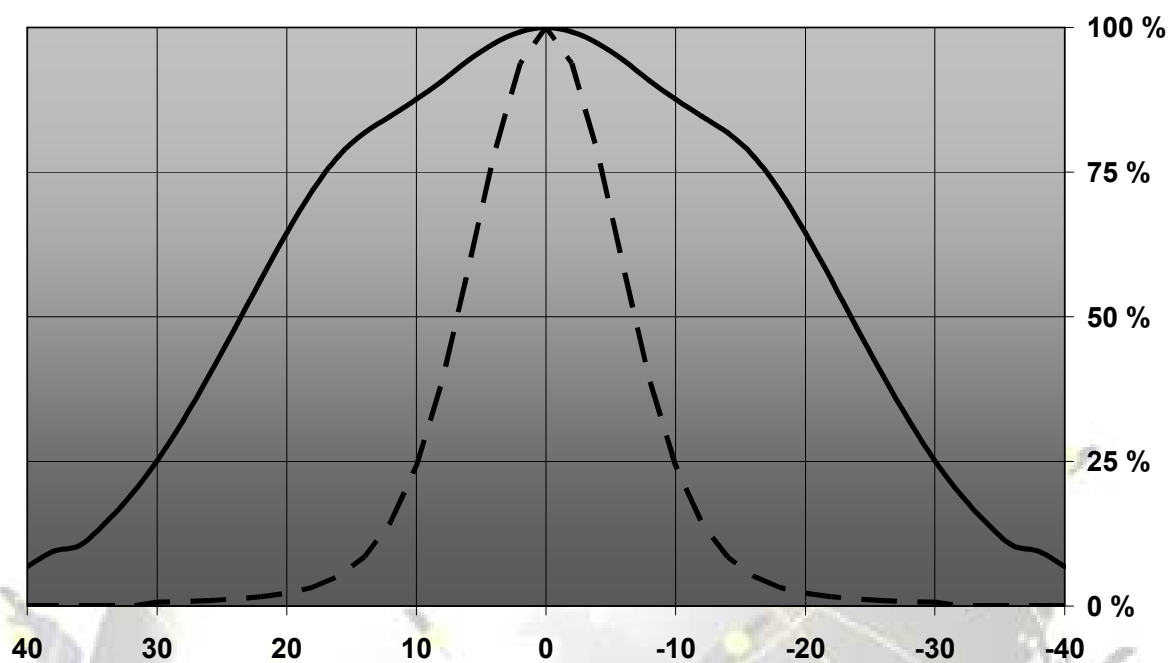
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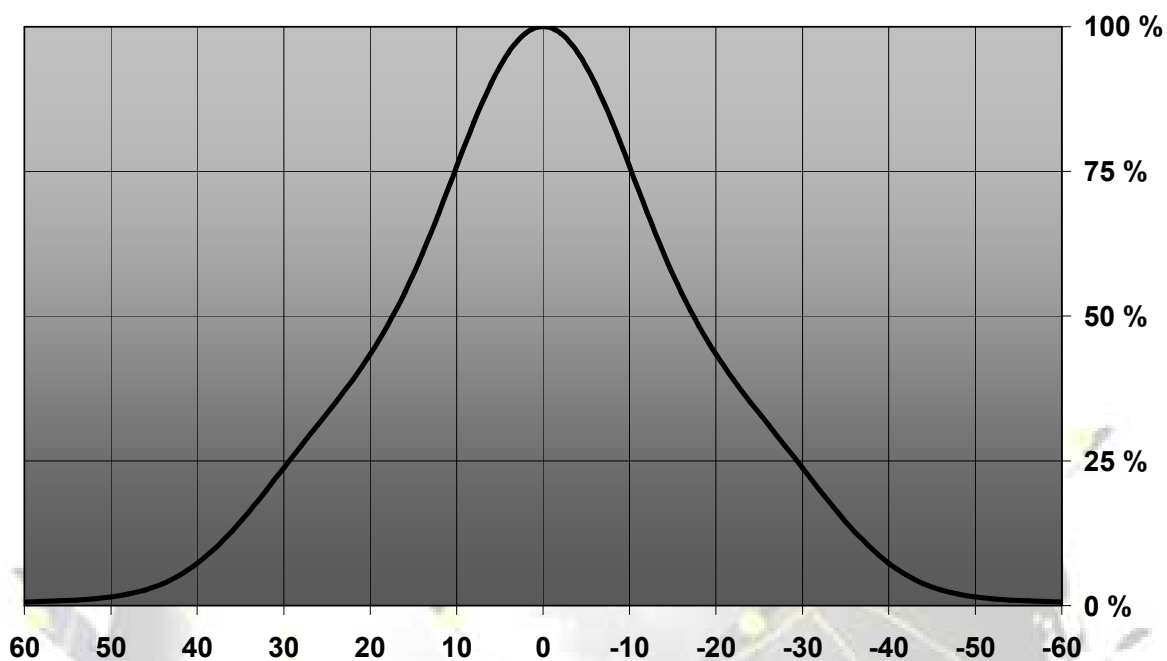
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Relative Intensity of FA10669_CXP-O



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Relative Intensity of FA10708_CXP-W



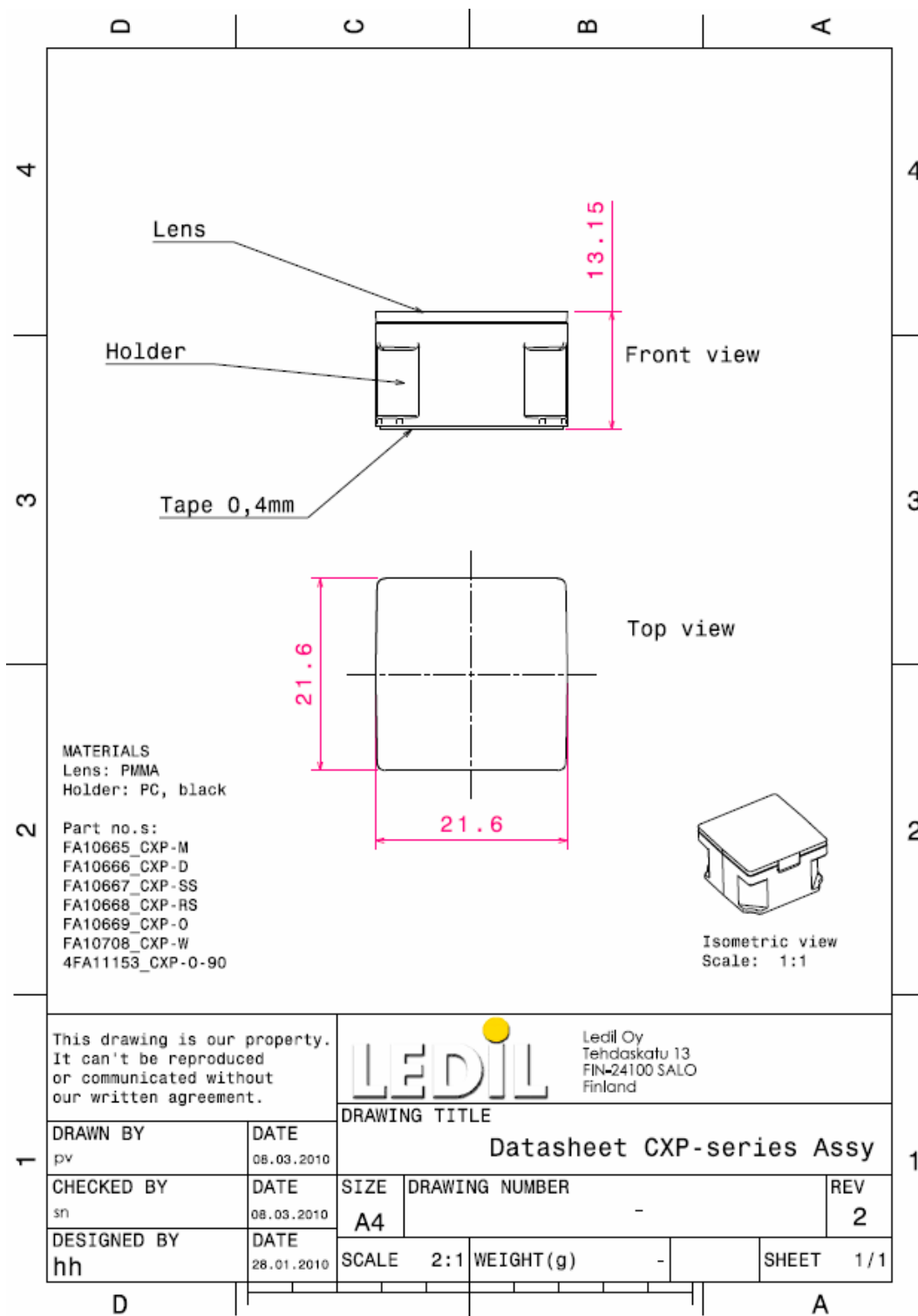
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DRAWINGS



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