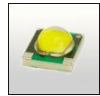


CXP-G SQUARE lenses for CREE XP-G LEDs



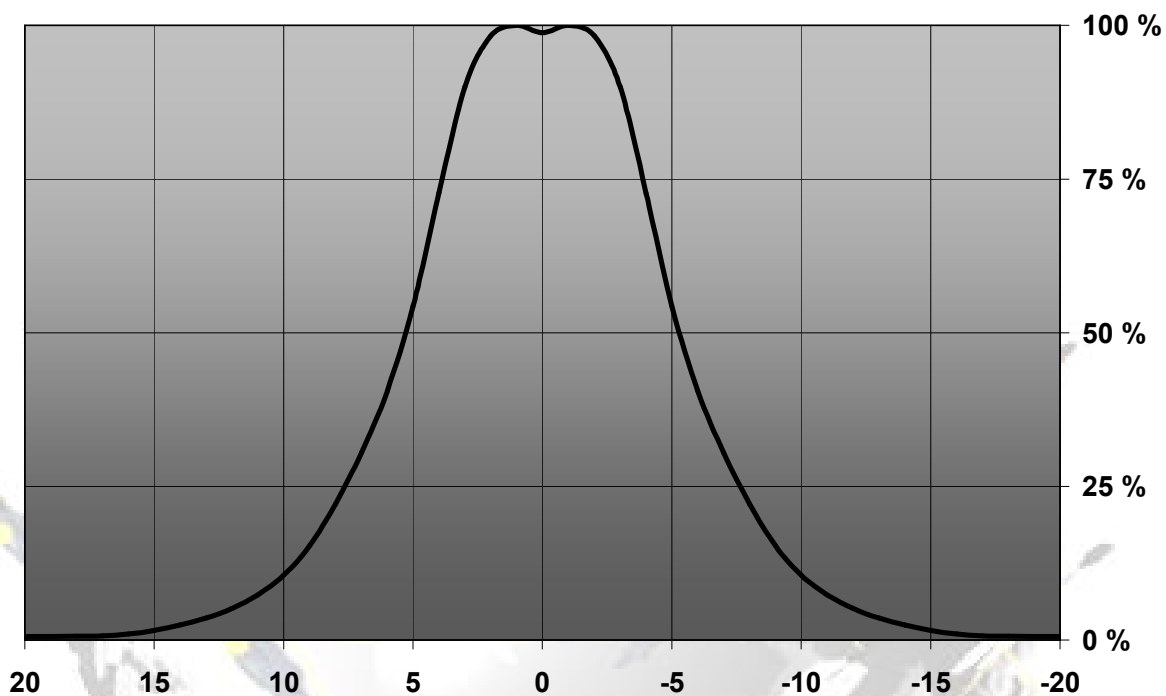
- Designed & optimized for Cree XP-G series of LEDs
- Lens material optical grade PC with high UV and temperature resistance (130°C/220°F). Allows use of high current and temperature conditions
- Best available optical efficiency, up to 90%, with an extremely good cutoff of light
- Integrated holder. 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-G SQUARE REAL SPOT	FA10668_CXP-G-RS	±5.5°
CXP-G SQUARE SMOOTH SPOT	FA10667_CXP-G-SS	±6.5°
CXP-G SQUARE DIFFUSER	FA10666_CXP-G-D	±7°
CXP-G SQUARE MEDIUM	FA10665_CXP-G-M	±14.5°
CXP-G SQUARE OVAL	FA10669_CXP-G-O	±21.5° x ±6.5°
CXP-G SQUARE OVAL TURNED 90°	4FA11153_CXP-G-O-90	±21.5° x ±6.5°
CXP-G SQUARE WIDE	FA10708_CXP-G-W	±23°

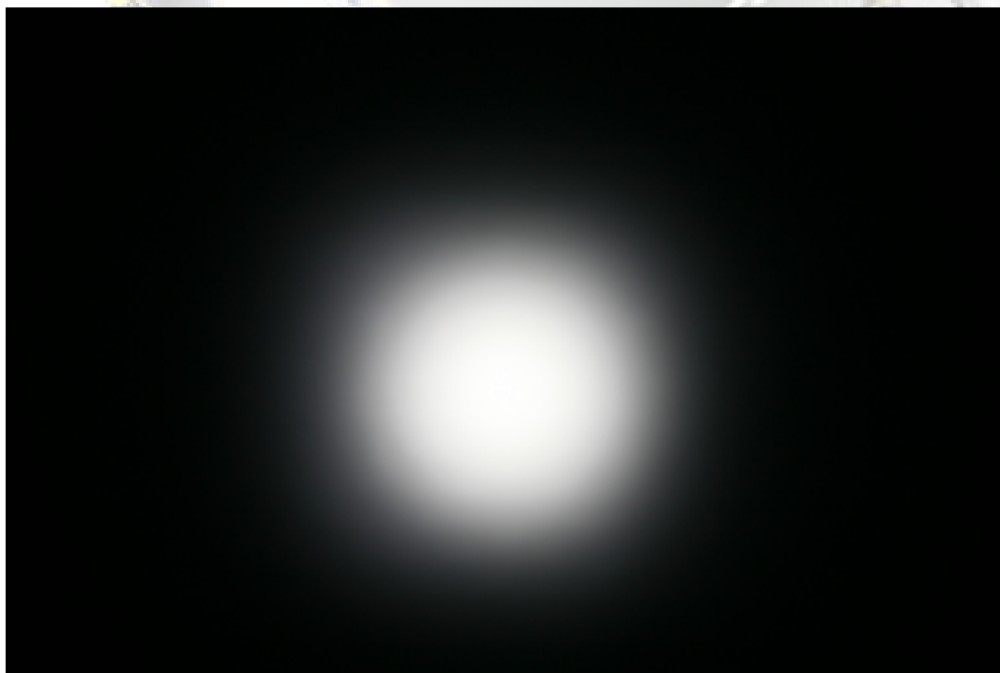
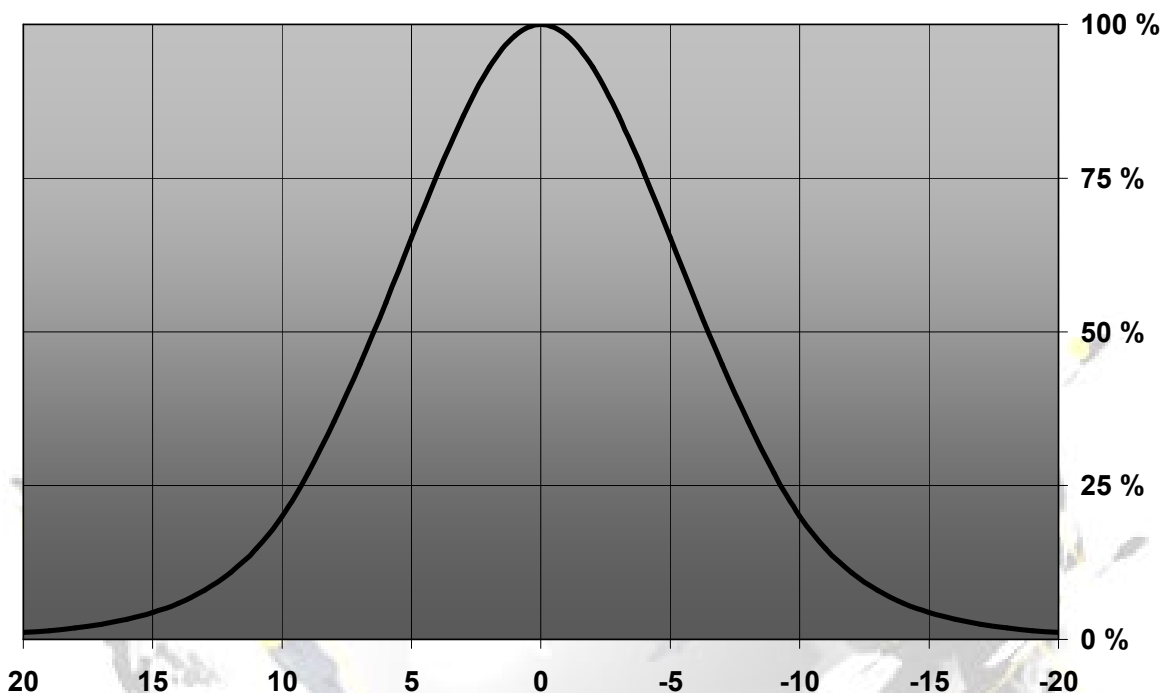
MEASUREMENTS

Relative Intensity of FA10668_CXP-RS



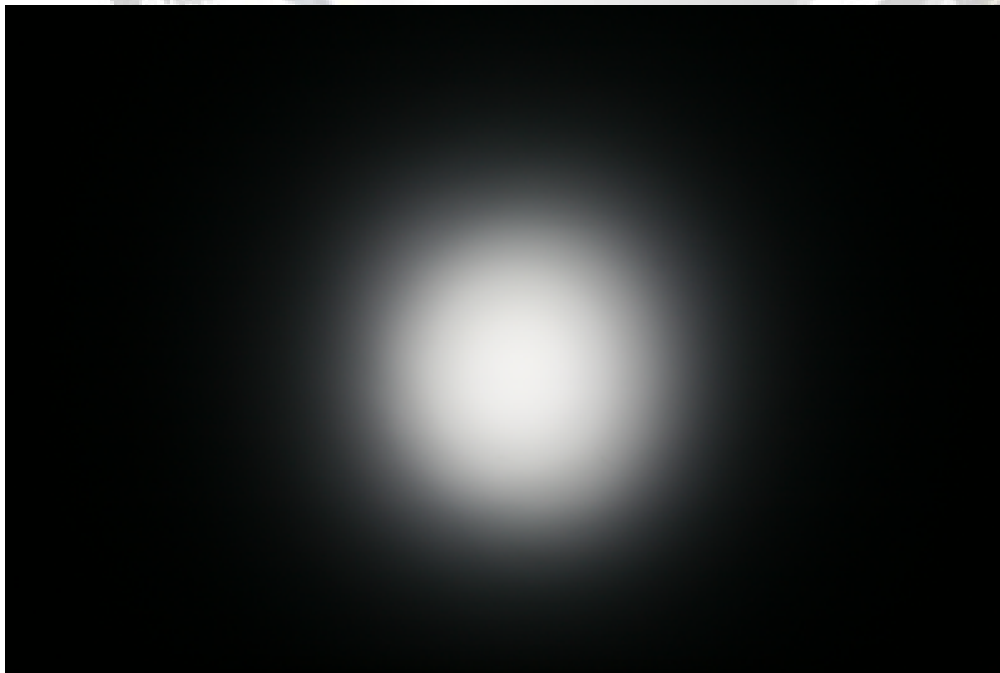
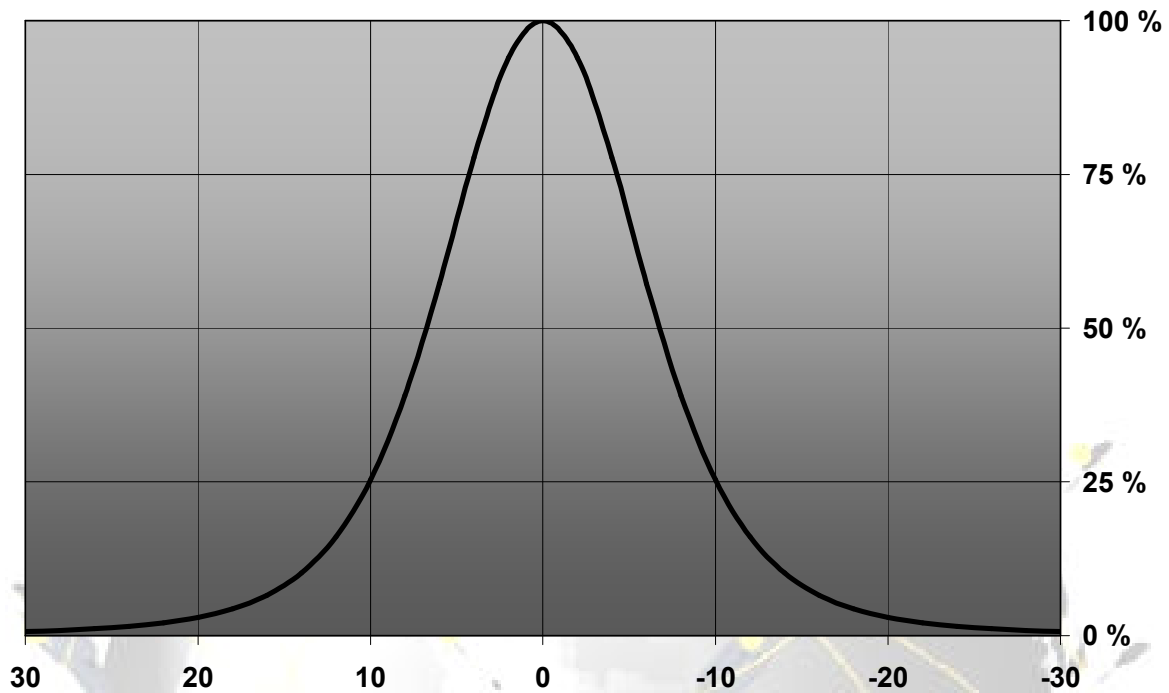
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Relative Intensity of FA10667_CXP-SS)



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Relative Intensity of FA10666_CXP-D



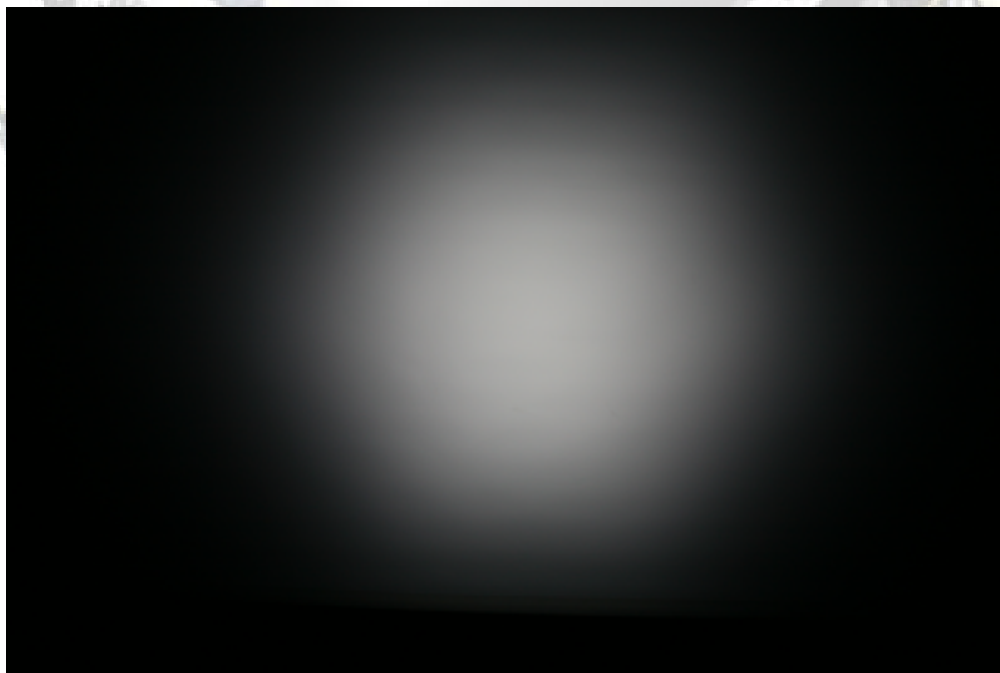
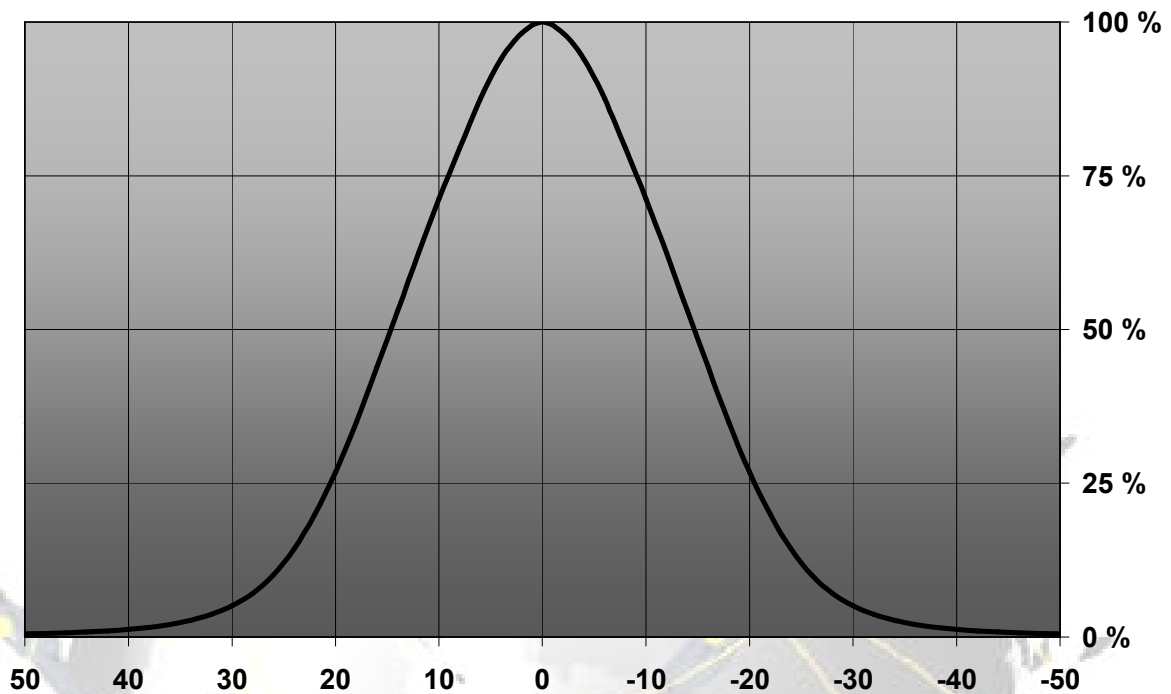
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Ledil Oy
Tehdaskatu 13
FIN-24100 SALO, Finland

www.ledil.com
email: ledil@ledil.com
FAX: +358-2-733 8001

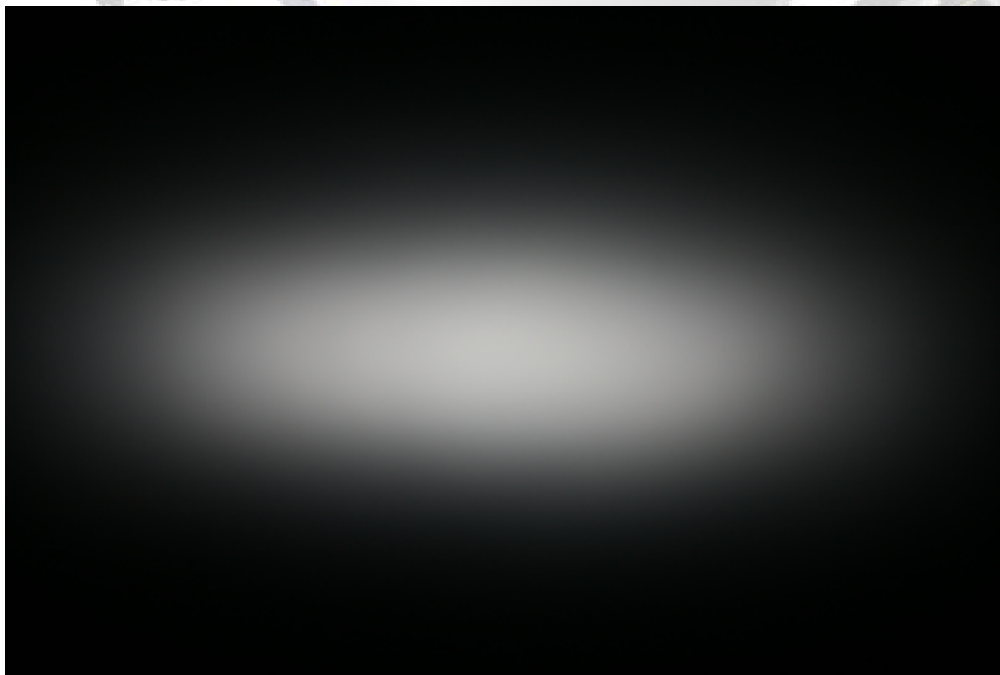
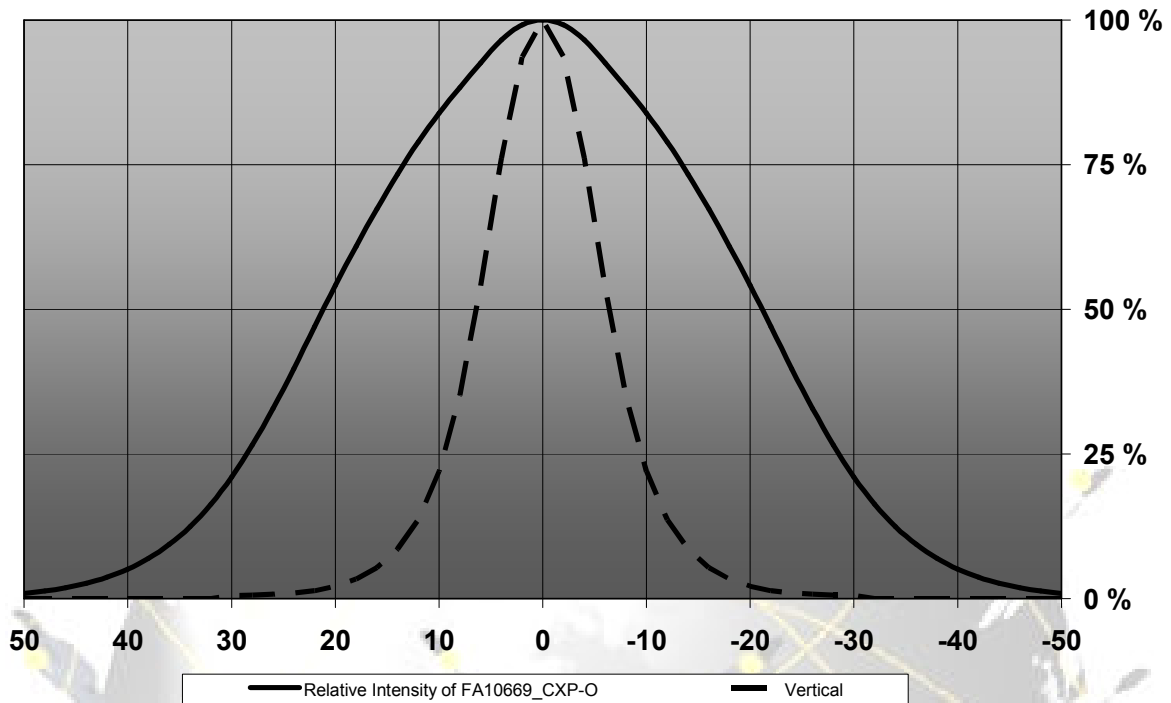
2009-11-30

Relative Intensity of FA10665_CXP-M



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Relative Intensity of FA10669_CXP-O



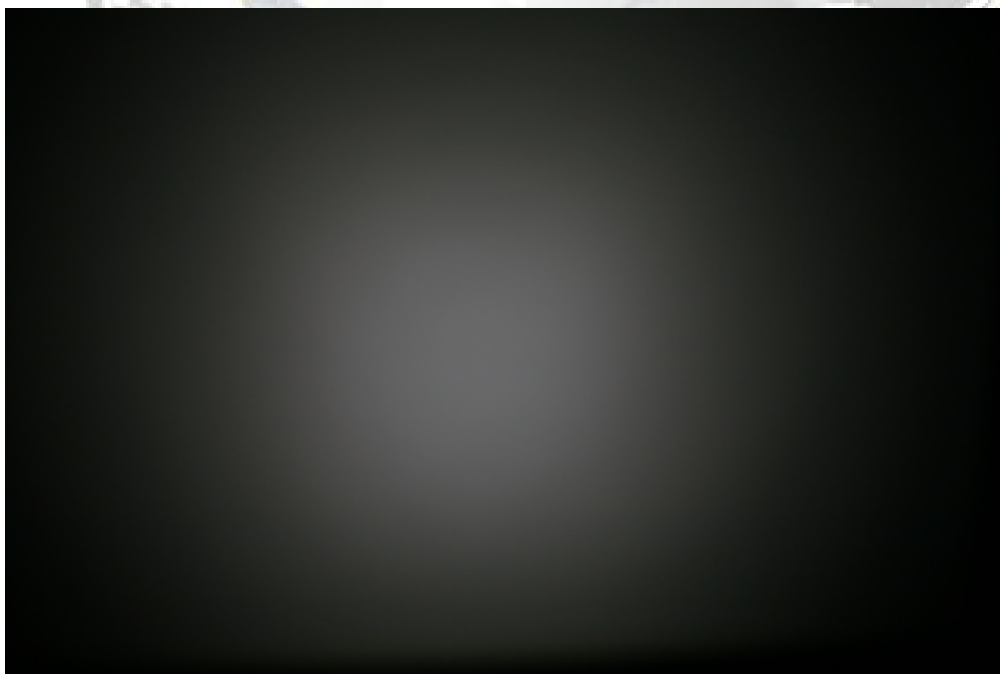
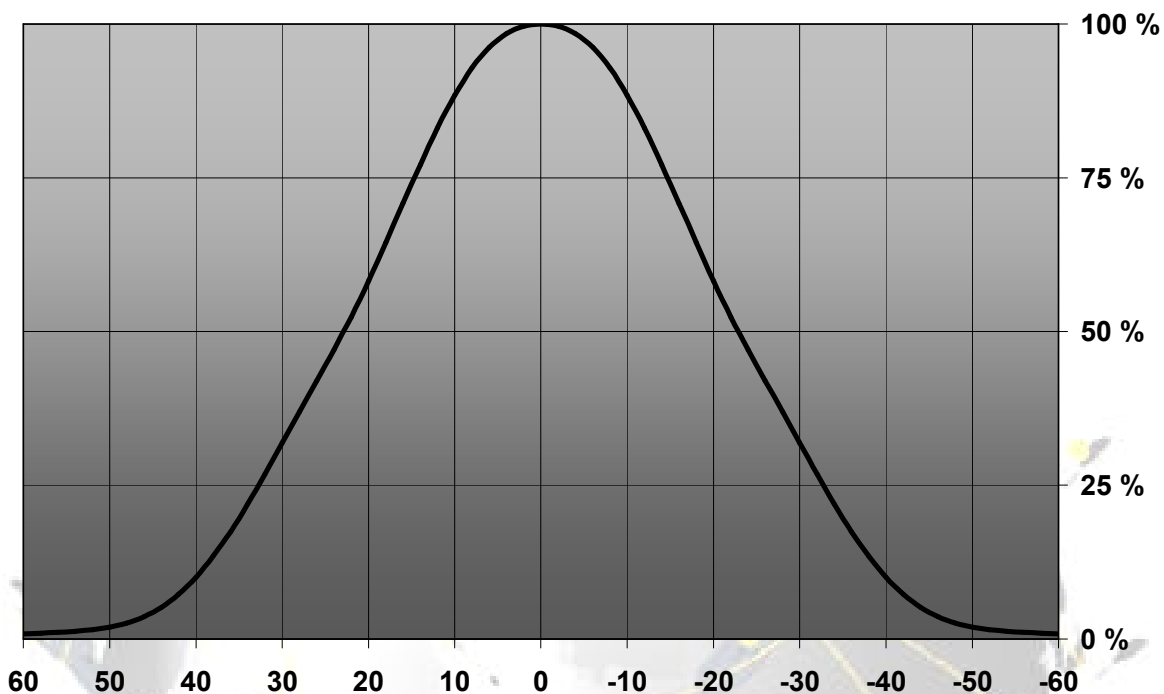
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Ledil Oy
Tehdaskatu 13
FIN-24100 SALO, Finland

www.ledil.com
email: ledil@ledil.com
FAX: +358-2-733 8001

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Relative Intensity of FA10708_CXP-W



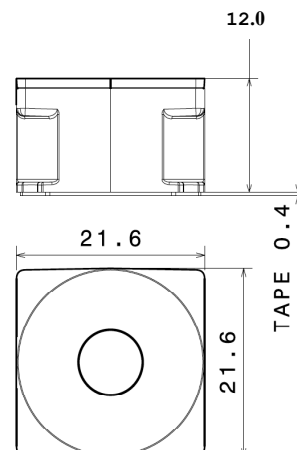
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Ledil Oy
Tehdaskatu 13
FIN-24100 SALO, Finland

www.ledil.com
email: ledil@ledil.com
FAX: +358-2-733 8001

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DIMENSIONS & PACKAGING



CXP-G lens holders are delivered on adhesive tape liner sheets, each sheet containing 60 lenses. Lenses are delivered separately. This is to ease the assembly: XP ceramic board has so low profile that a proper guidance without seeing is not possible.

SPECIAL VERSIONS

Special versions available on request, e.g. different lens holder colors or packaging sizes.