

LXP2 LENSES FOR CREE XP 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.
- Best available optical efficiency, more than 90%, with an extremely good cutoff of light.
- 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)

LENS TYPES

NAME	ORDERING CODE	FWHM Angle
LXP2 REAL SPOT	CA11481_LXP2-RS	±4°
LXP2 DIFFUSER	CA11482_LXP2-D	±6°
LXP2 MEDIUM	CA11483_LXP2-M	±12°
LXP2 OVAL	CA11484_LXP2-O-90	±21° x ±5°

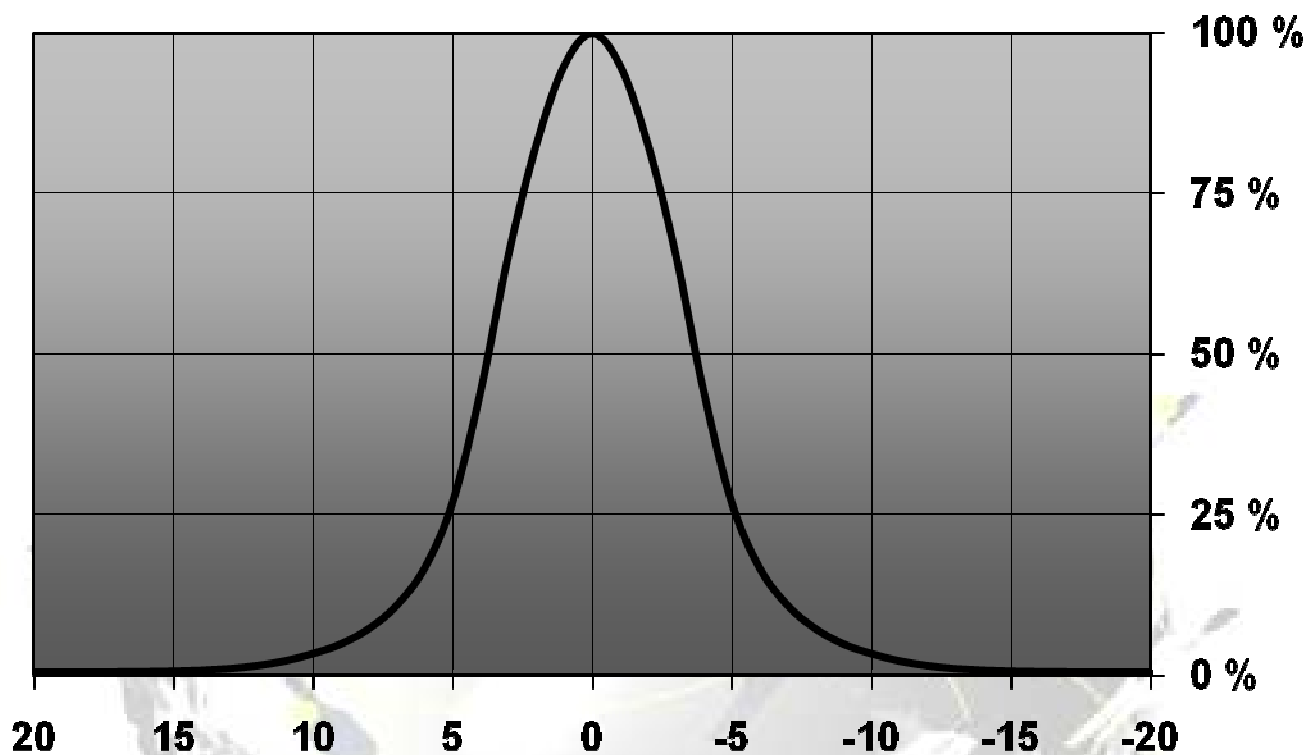
NAME	ORDERING CODE	FWHM Angle
LXP2 REAL SPOT	CA11481_LXP2-G-RS	±5°
LXP2 DIFFUSER	CA11482_LXP2-G-D	±8°
LXP2 MEDIUM	CA11483_LXP2-G-M	±12°
LXP2 OVAL	CA11484_LXP2-G-O-90	Coming soon

CA11484_LXP2-O-90 & CA11484_LXP2-G-O-90 will be delivered UNASSEMBLED

EULUMDAT & IES FILES AVAILABLE BY REQUEST

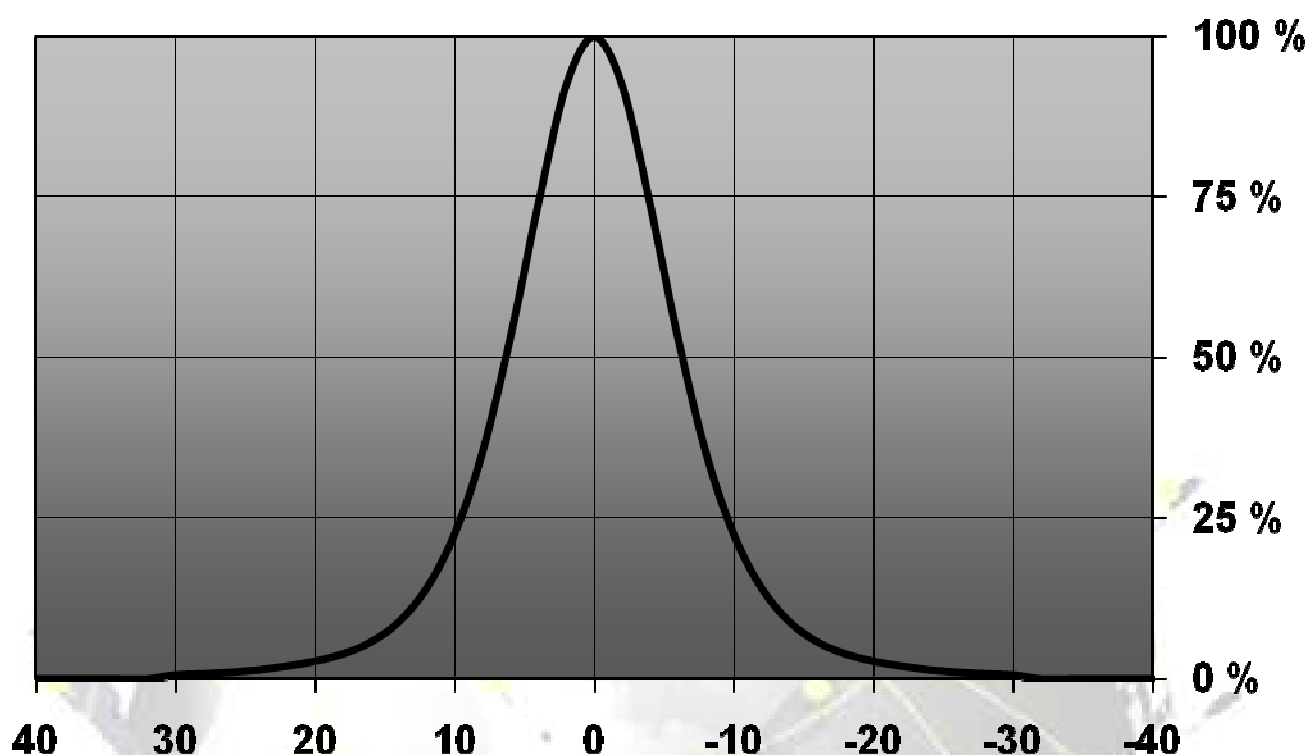
MEASUREMENT DATA

Relative Intensity of CA11481_LXP2-RS



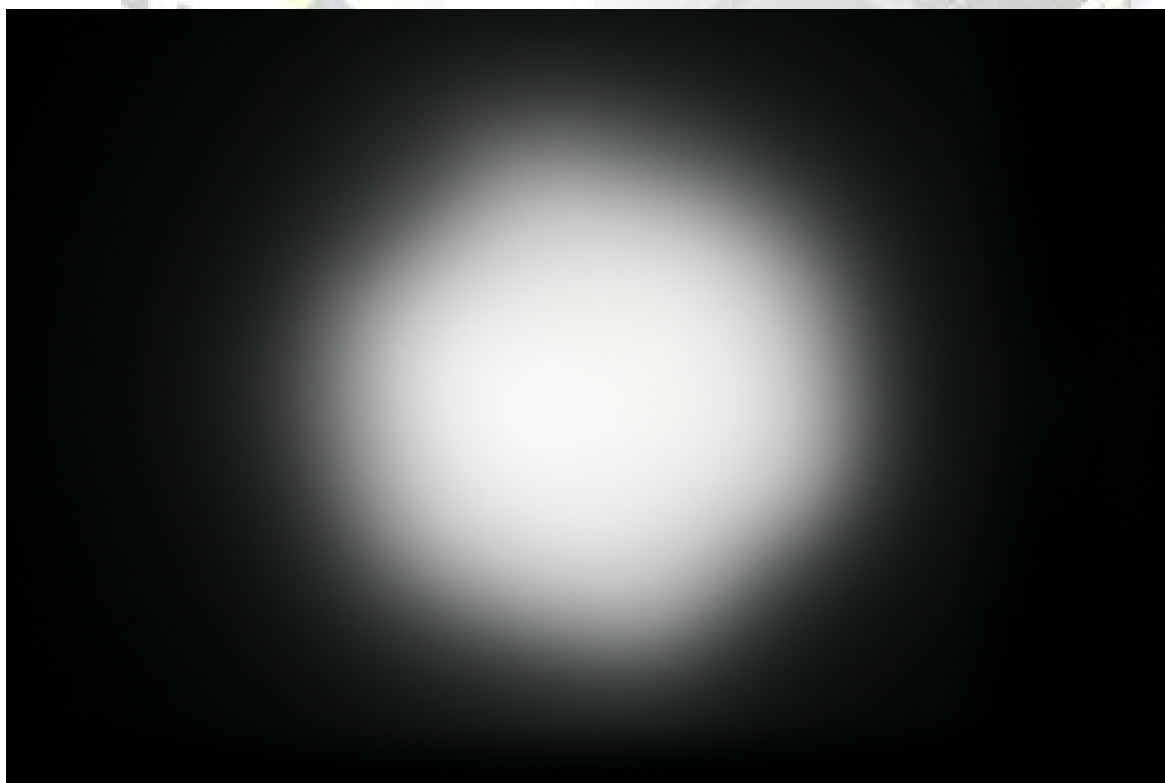
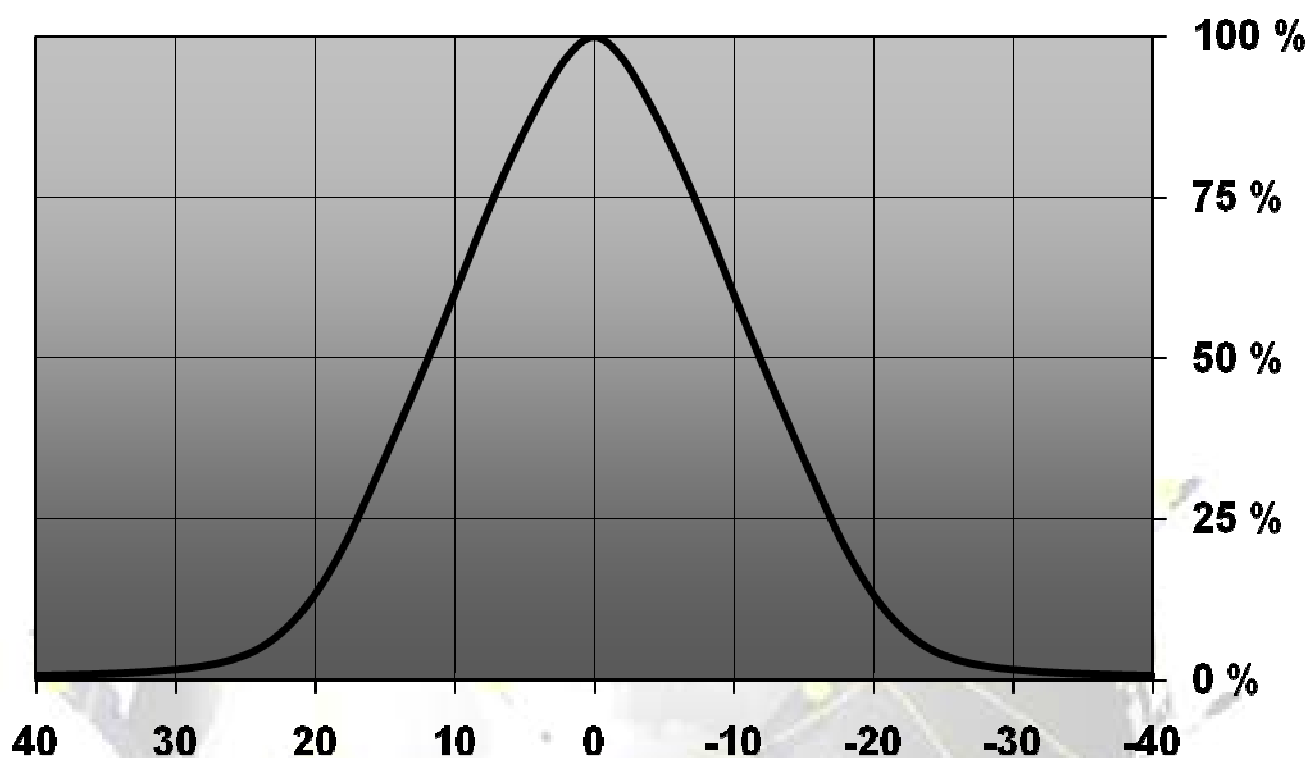
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Relative intensity of CA11482_LXP2-D



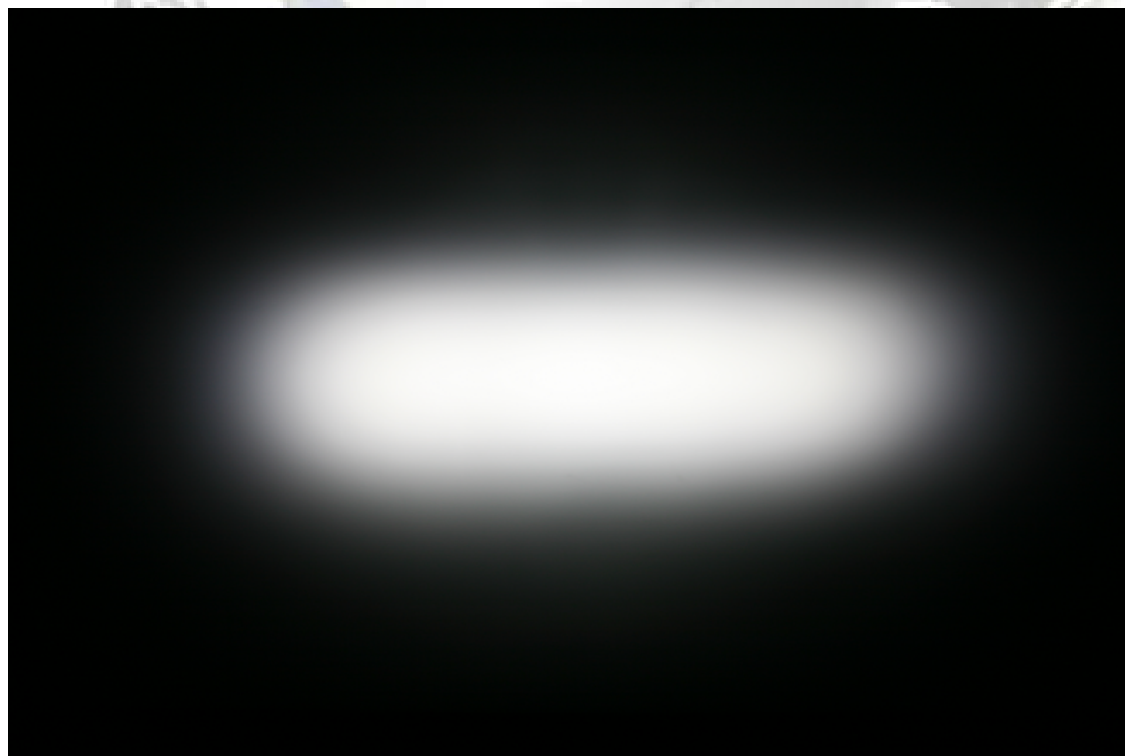
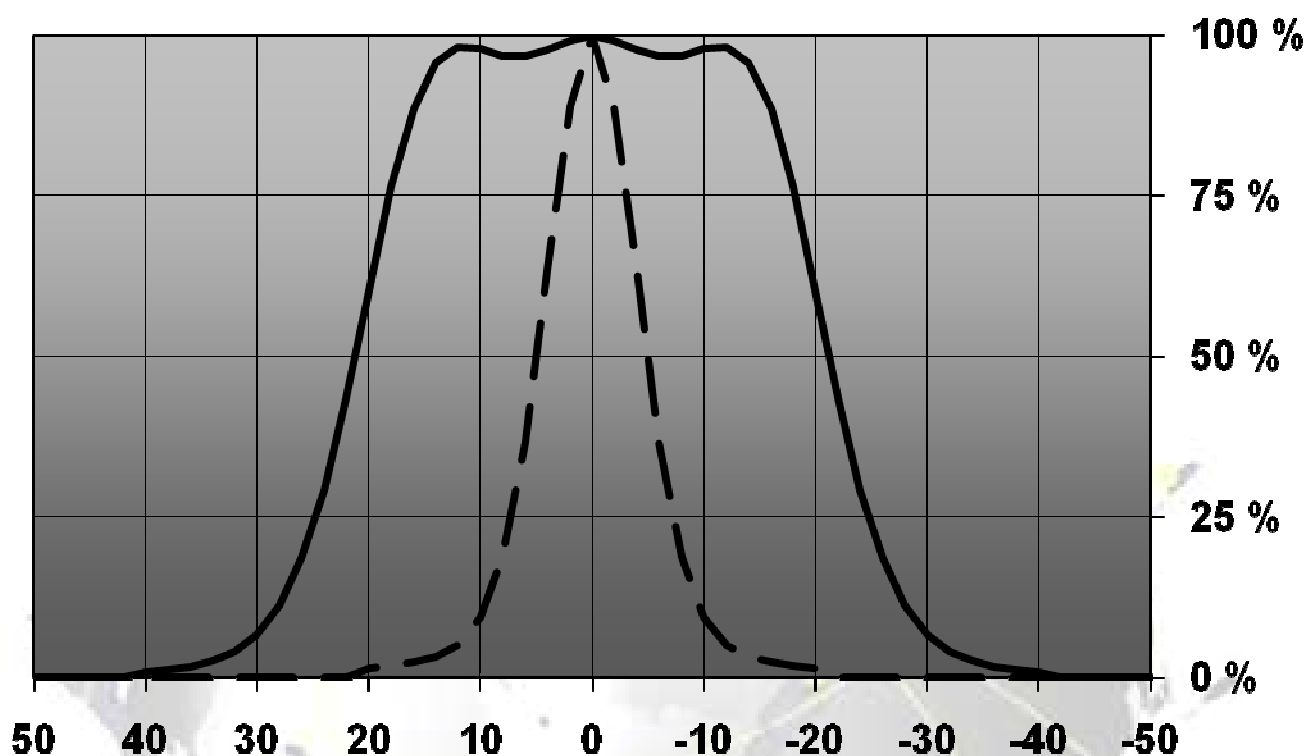
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Relative intensity of CA11483_LXP2-M



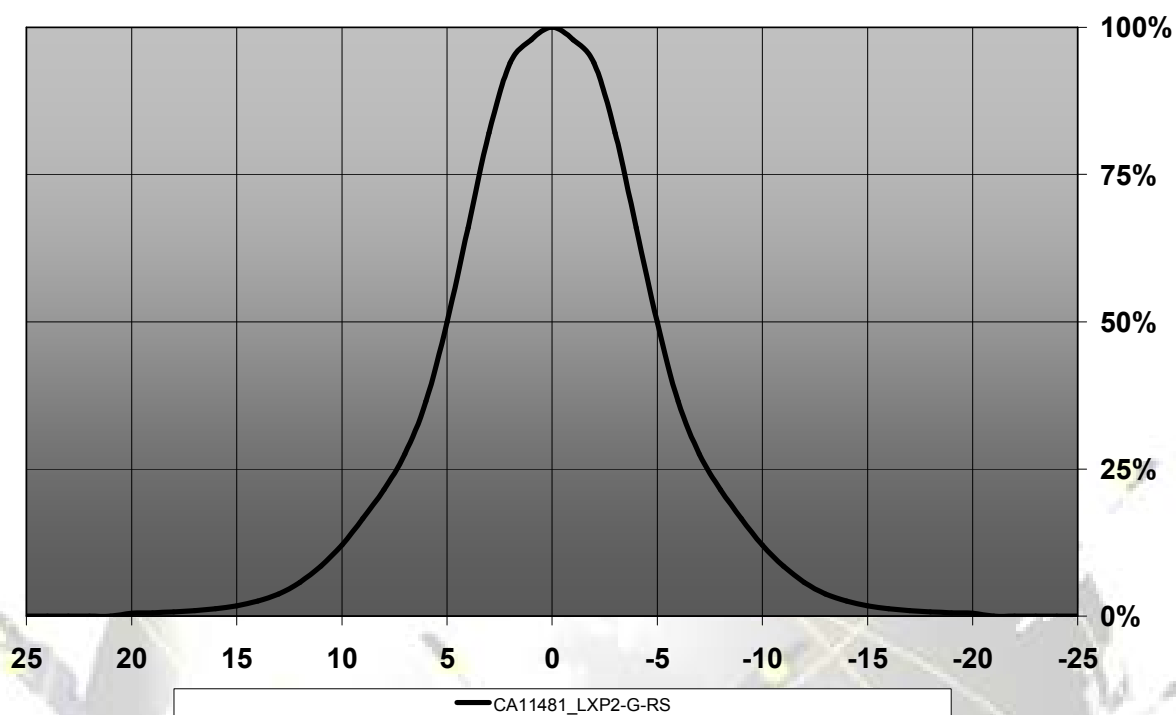
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Relative Intensity of CA11484_LXP2-O-90

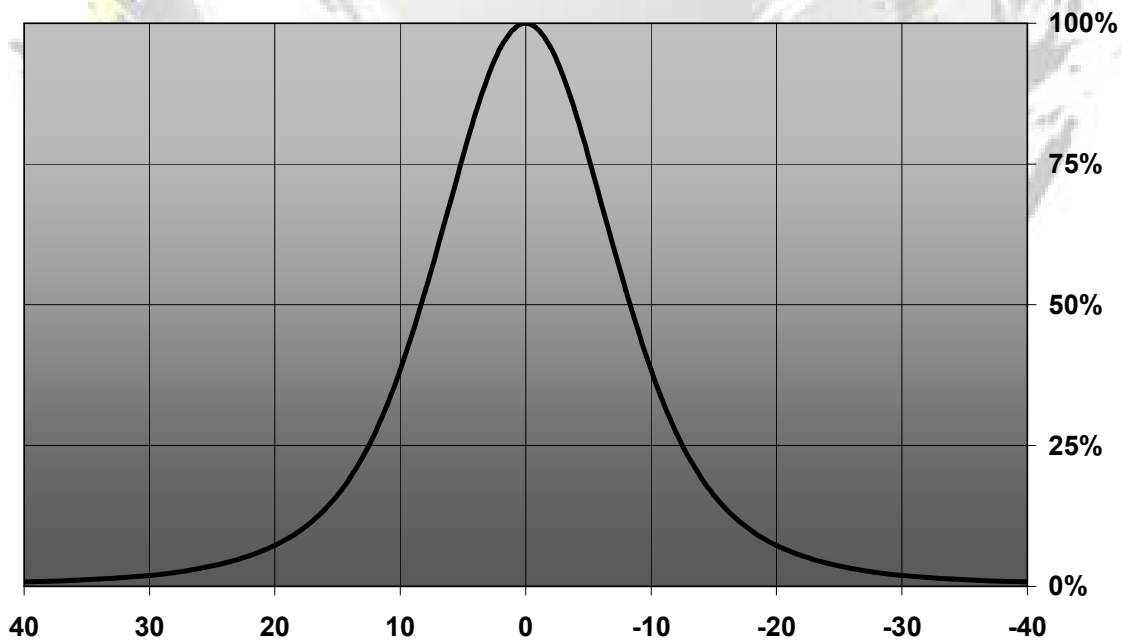


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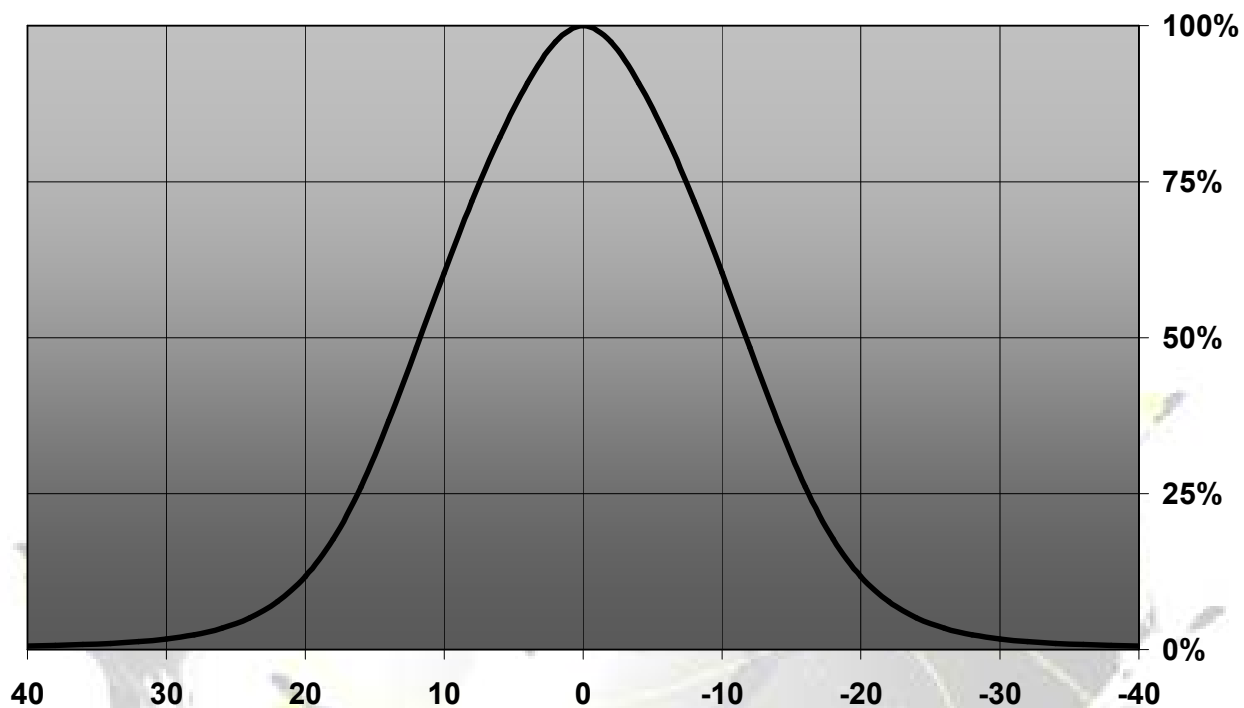
Relative intensity of CA11481_LXP2-G-RS



Relative intensity of CA11482_LXP2-G-D



Relative intensity of CA11483_LXP2-G-M



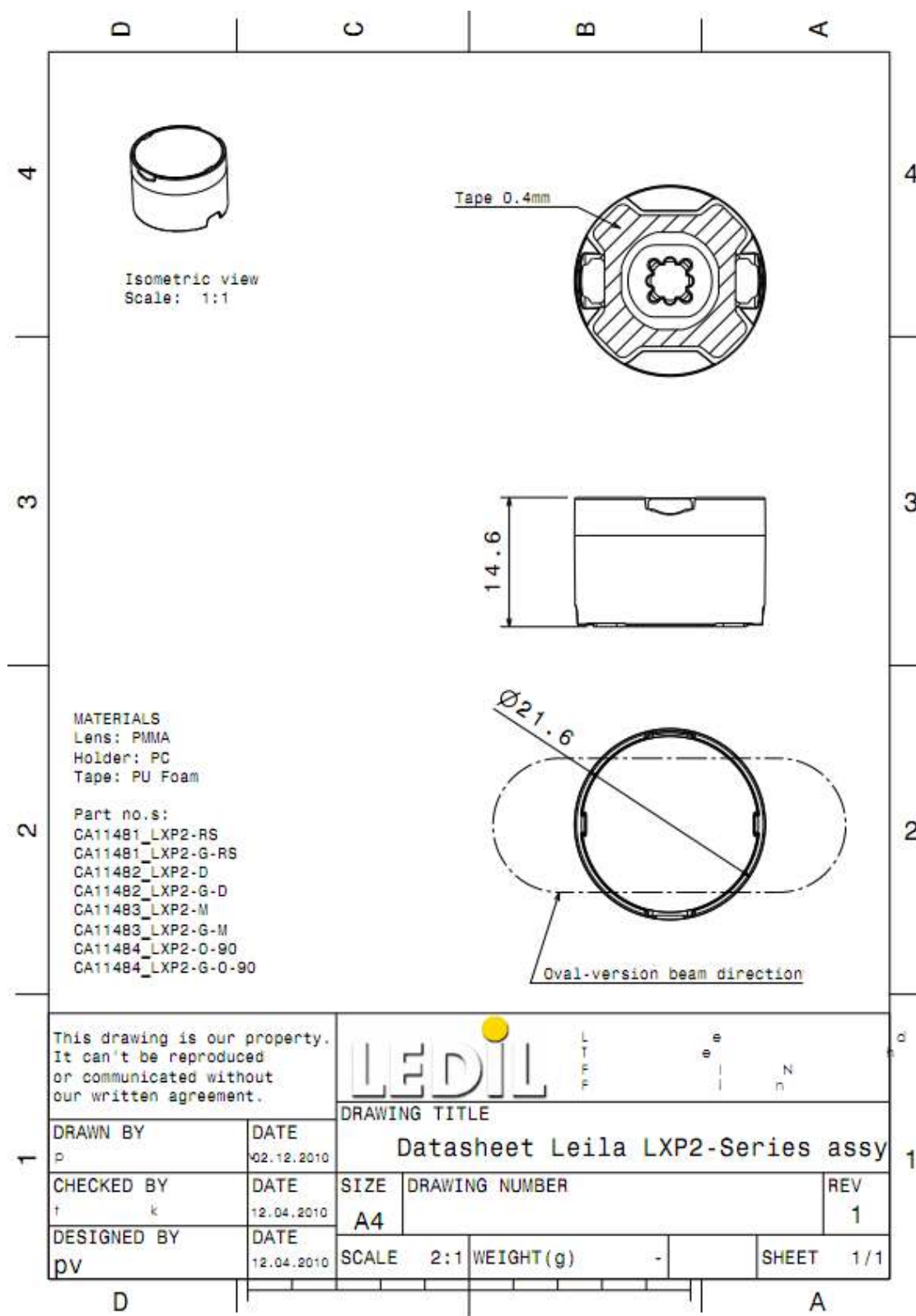
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DRAWINGS



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