Lisa2-Clip16-XP miniature lens for Cree XP series of LEDs

- Lens material optical grade PMMA with high UV and temperature resistance (105°C/220°F). Lens holder molded of high quality black PC.
- High optical efficiency, up to 90%.
- Integrated holder with small snap clips. See drawing below for more details. Fastening of holden the lens to PCB.
- Very small and compact dimensions: Diameter 9.9 mm, height 6.8 mm.

LENS TYPES

NAME	ORDERING CODE	FWHM Angle
Lisa2-Clip16 Real Spot	FA11085_Lisa2-RS-clip16-XP	±8°
Lisa2-Clip16 Medium	FA11075_Lisa2-M-clip16-XP	±12°
Lisa2-Clip16 Oval	FA11121_Lisa2-O-clip16-XP	~±5° x ~16°
Lisa2-Clip16 Wide	FA11076_Lisa2-W-clip16-XP	±20°

~ results are based on simulation value.

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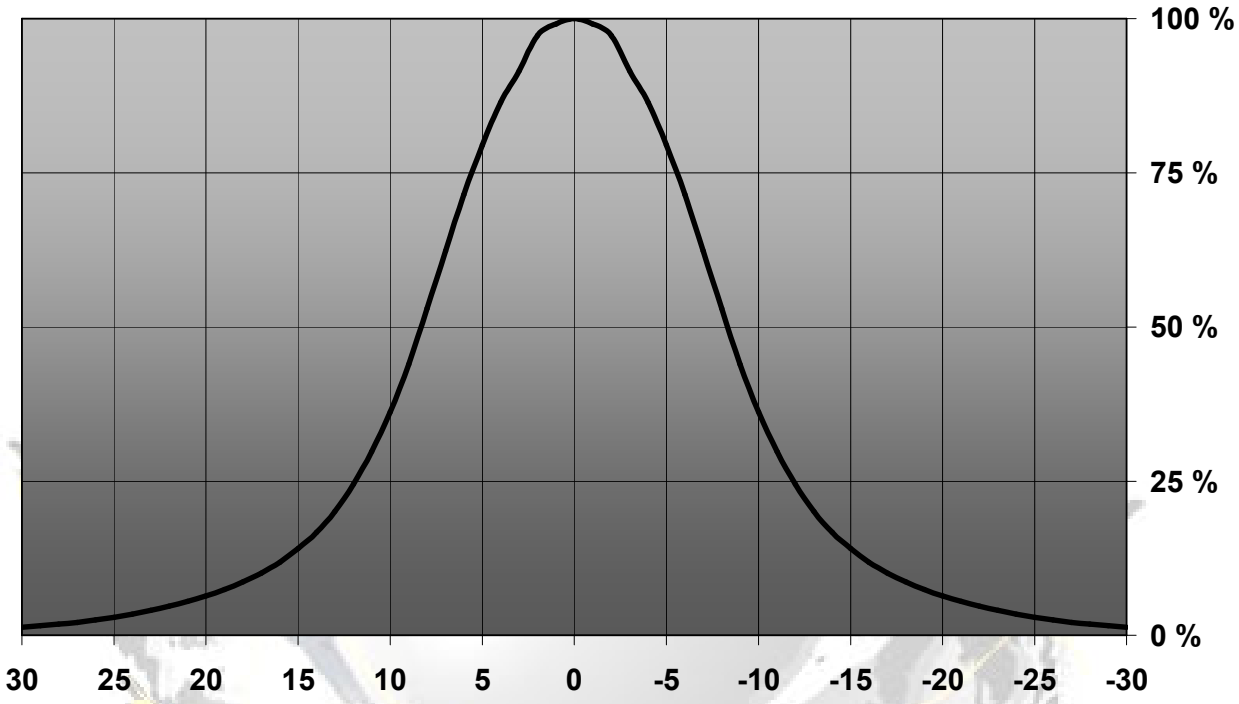
MEASUREMENT DATA



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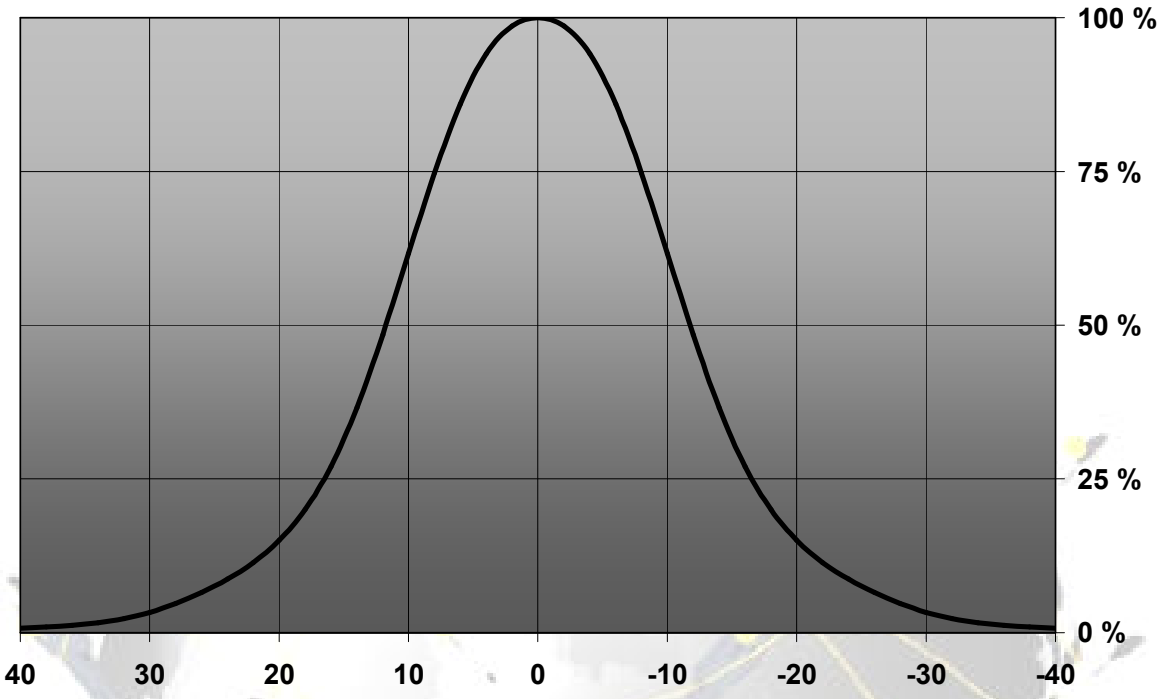
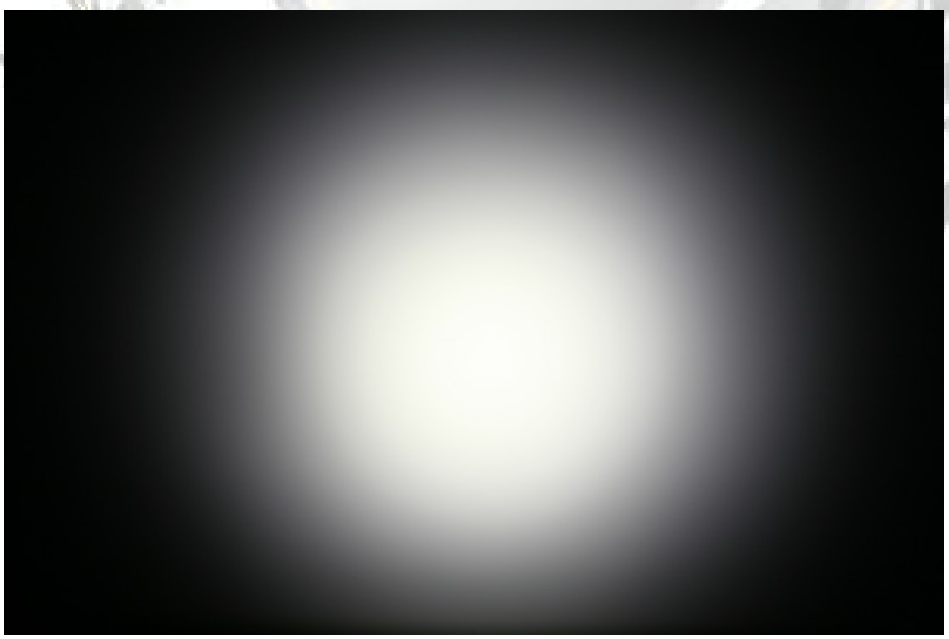
2010-03-24

Relative Intensity of FA10995_Lisa2-M-Pin-XP





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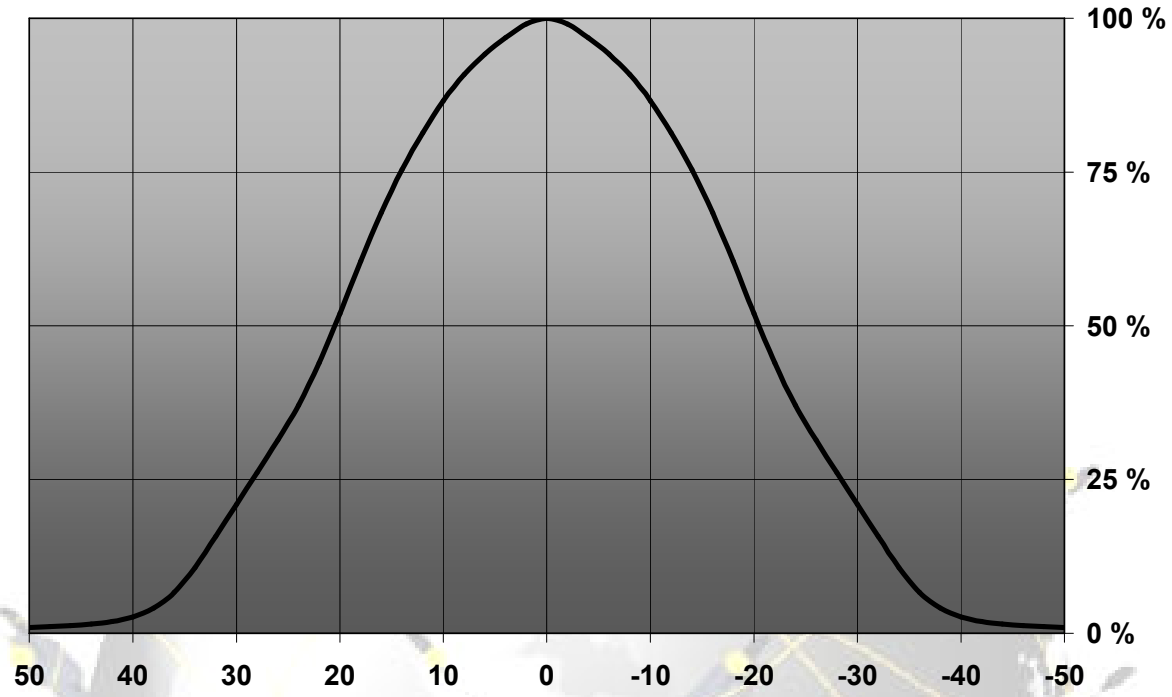
Relative Intensity of FA10996_Lisa2-W-Pin-XP



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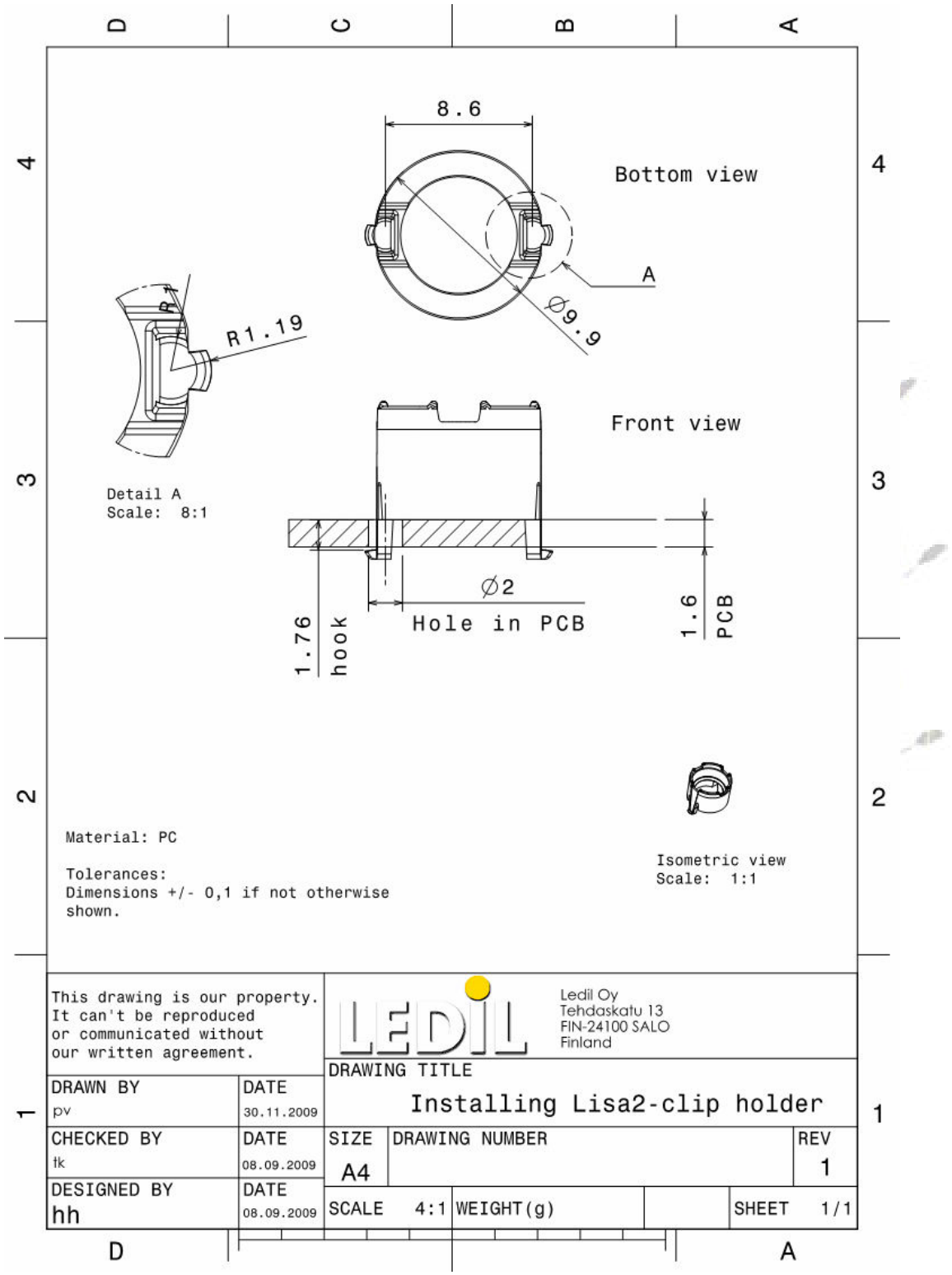
DRAWINGS



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