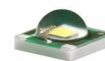
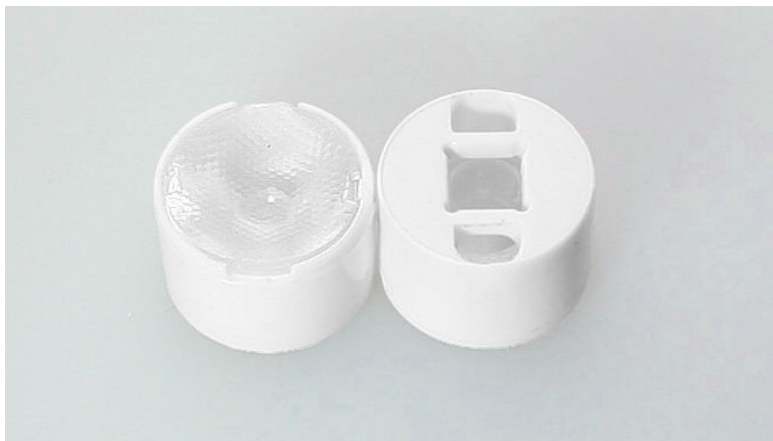


LISA-XP miniature lens for Cree XP-E series of LEDs



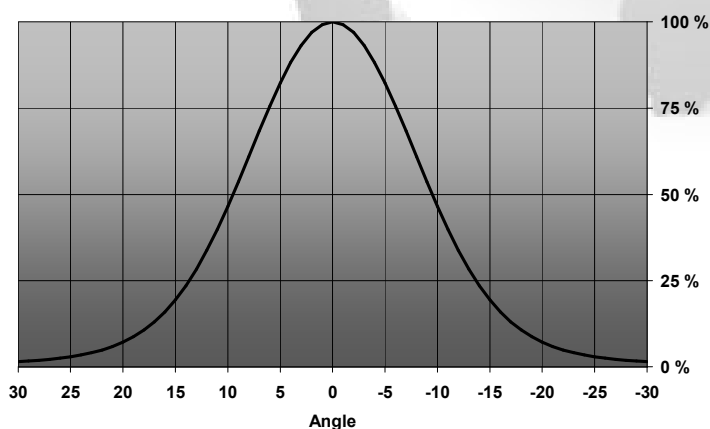
- Lens material optical grade PMMA with high UV and temperature resistance (105°C/220°F). Lens holder molded of high quality white ABS.
- High optical efficiency, up to 90%
- Integrated holder. Fastening of holder to PCB with appropriate adhesive, e.c. epoxy or polyurethane based. NOTE: DO NOT USE SUPERGLUE.
- Very small and compact dimensions: Diameter 10.5 mm, height 7 mm

LENS TYPES

NAME	ORDERING CODE	FWHM Angle
LISA-XP smooth spot	CA10641 Lisa-XP-SS	±9.4°

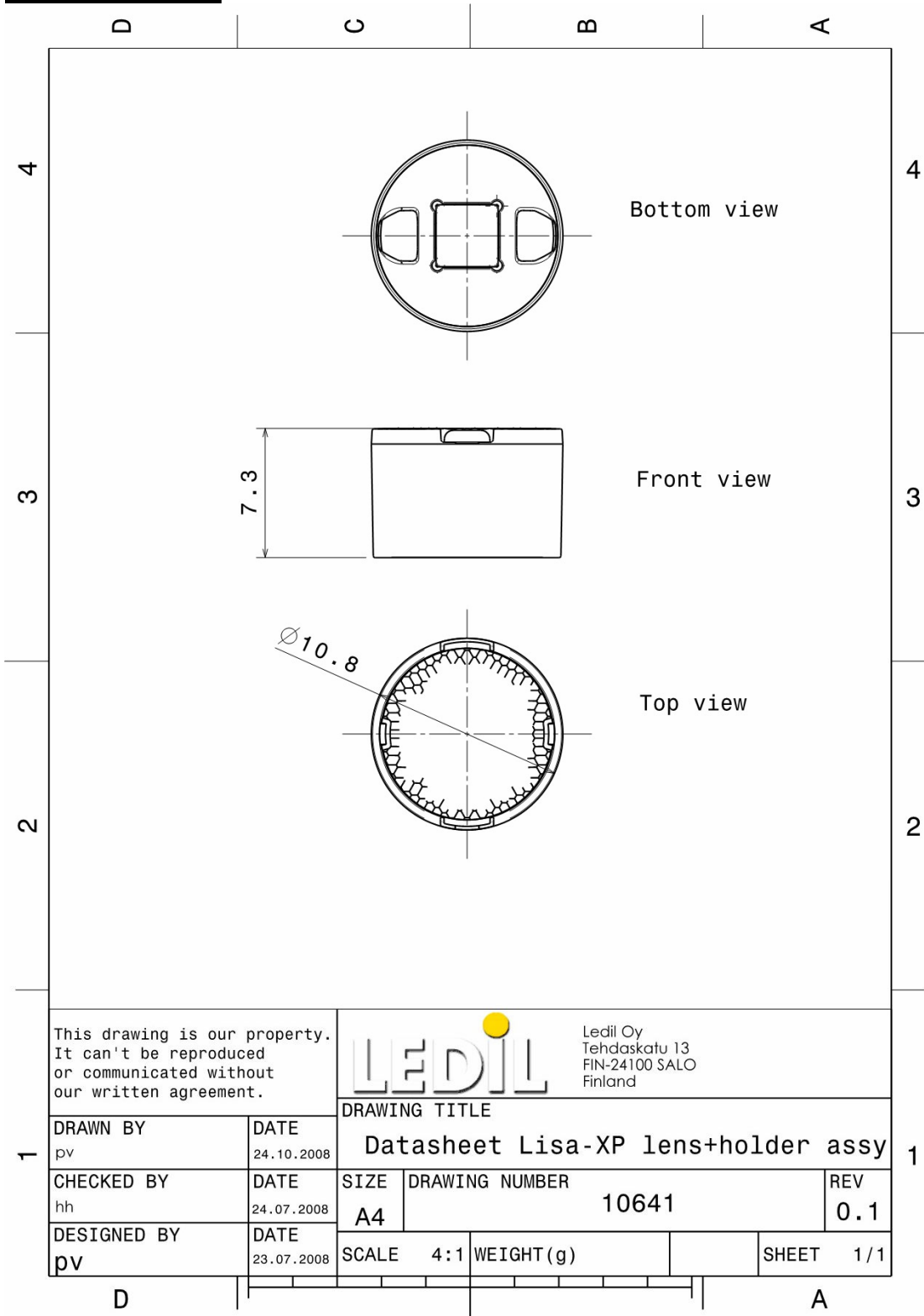
MEASUREMENT DATA & PHOTOGRAPHS

Relative Intensity of Lisa-XP-SS



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DRAWINGS



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