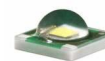


## LISA-XP miniature lens for Cree XP-E series of LEDs



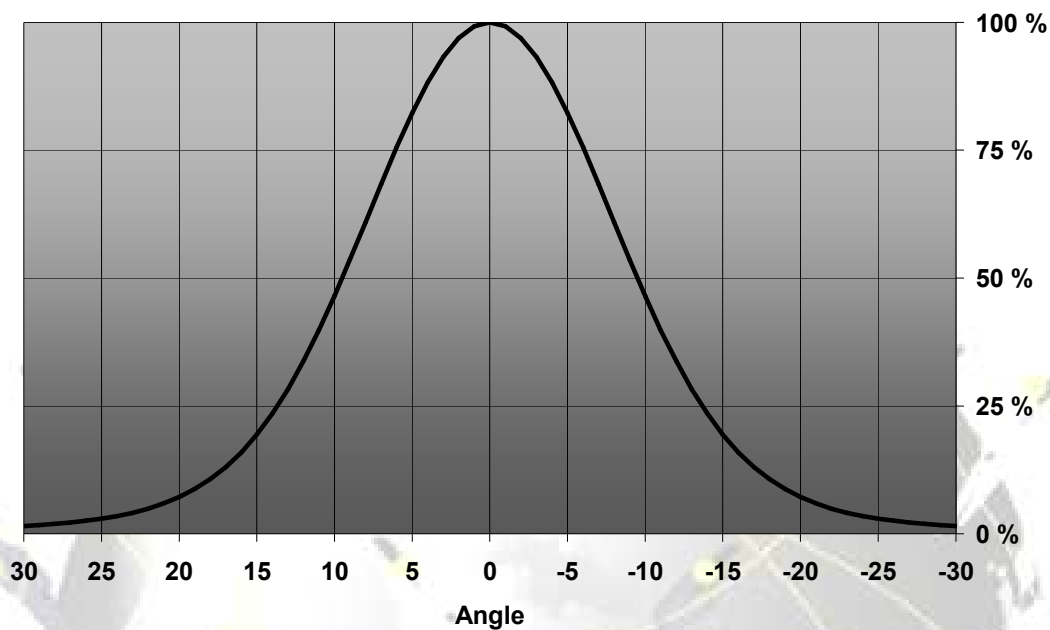
- Lens material optical grade PMMA with high UV and temperature resistance (105°C/220°F). Lens holder molded of high quality white ABS.
- High optical efficiency, up to 90%
- Integrated holder. Fastening of holder to PCB with appropriate adhesive, e.c. epoxy or polyurethane based. NOTE: DO NOT USE SUPERGLUE.
- Please check fastening details from this link:  
([http://www.ledil.com/datasheets/DataSheet\\_GLUES.pdf](http://www.ledil.com/datasheets/DataSheet_GLUES.pdf))
- 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°       |
| LISA-XP real spot   | CA11627_Lisa-XP-RS | Coming soon |

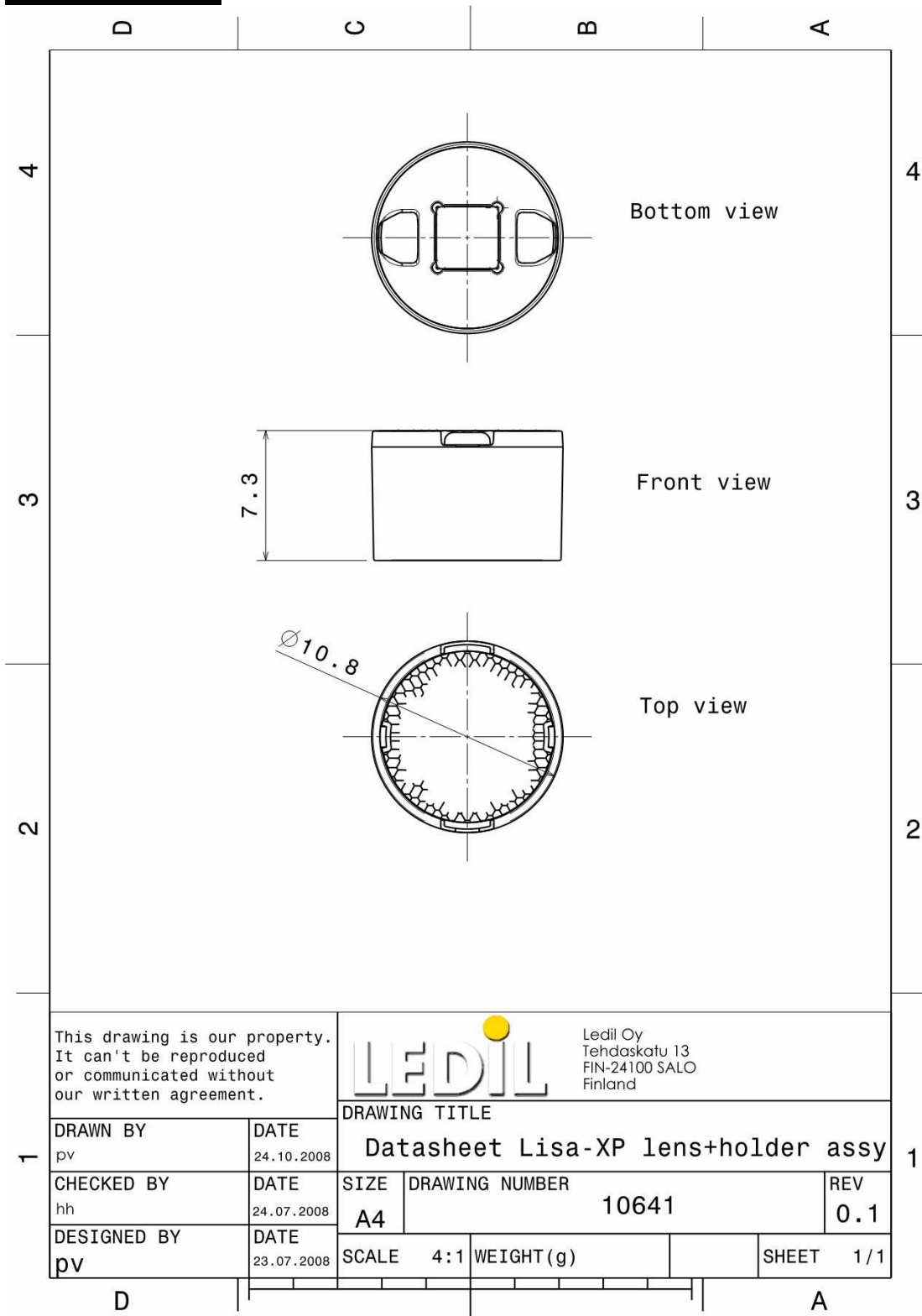
## MEASUREMENT DATA & PHOTOGRAPHS

Relative Intensity of Lisa-XP-SS



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## DRAWINGS



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