LM1 LENSES FOR CREE MC-E LEDs

- Specially designed for Cree MC-E series of 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
- Holder material PC with high UV and temperature resistance (120°C/248°F). Allows use of high current and temperature conditions.
- Best available optical efficiency, more than 90%, with an extremely good cutoff of light
- Integrated holder. Fastening to heat sink with a PU foam adhesive tape of automotive grade
- Please check fastening details from this link: (http://www.ledil.com/datasheets/DataSheet_TAPE.pdf)

LENS TYPES

NAME	ORDERING CODE	FWHM Angle
LM1 REAL SPOT	FA10613_LM1-RS	±10.5°
LM1 DIFFUSER	FA10650_LM1-D	±10°
LM1 MEDIUM	FA10614_LM1-M	±12°
LM1 MEDIUM 2	FA11447_LM1-M2	~±13°
LM1 OVAL	FA11067_LM1-O-90	~±18° x ±10°
LM1 RECTANGULAR	FA10615_LM1-REC	±19° x ±12°
LM1 WIDE	FA11894_LM1-W	±14°
LM1 WW	FA11827_LM1-WW	±16°

~ =Simulated values

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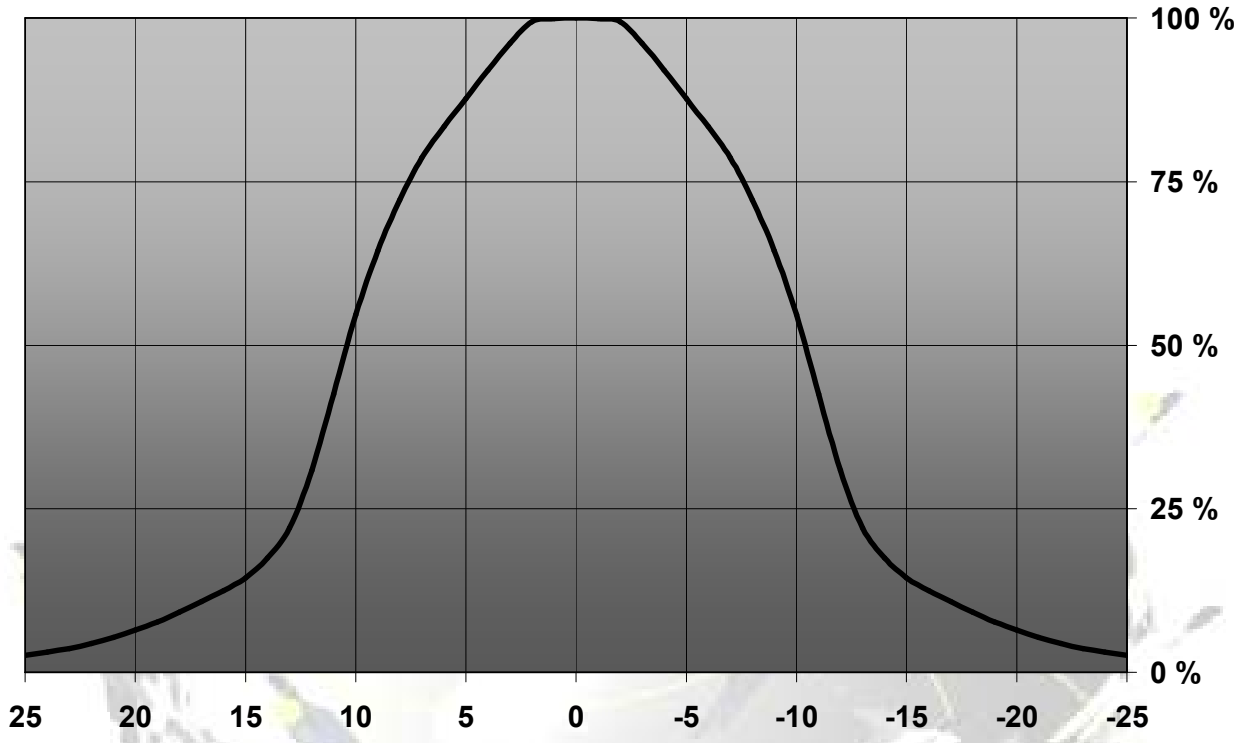
MEASUREMENT DATA

Relative Intensity of FA10613_LM1-RS



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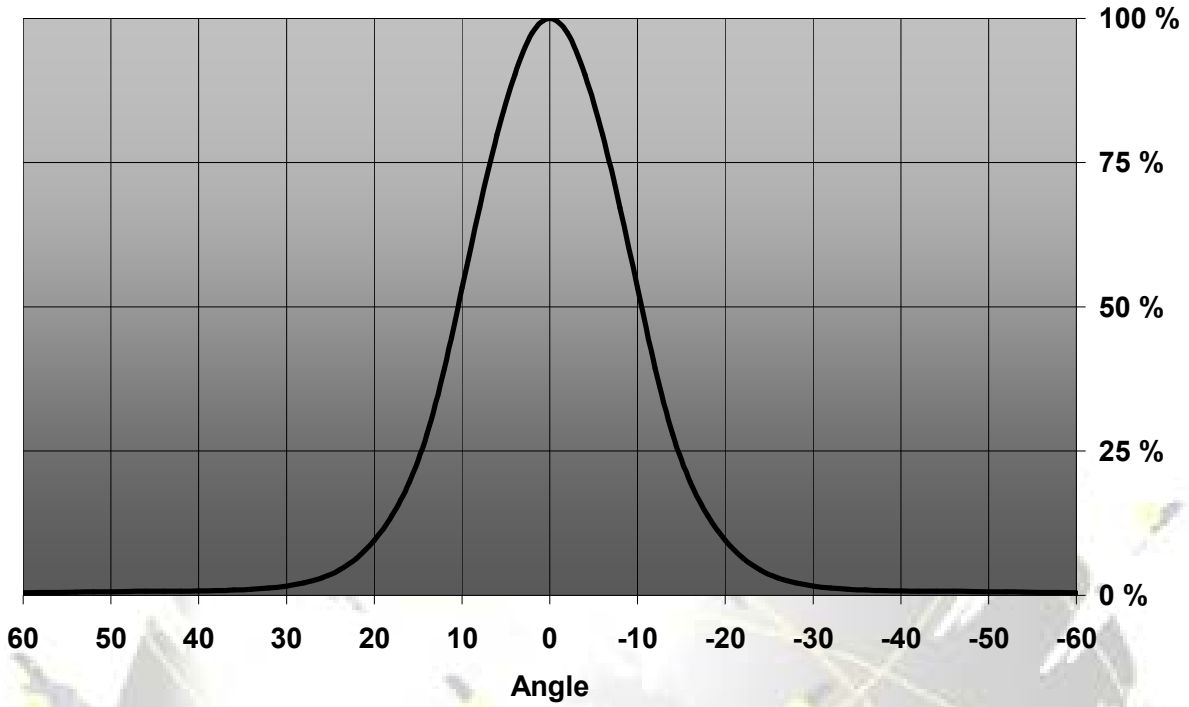
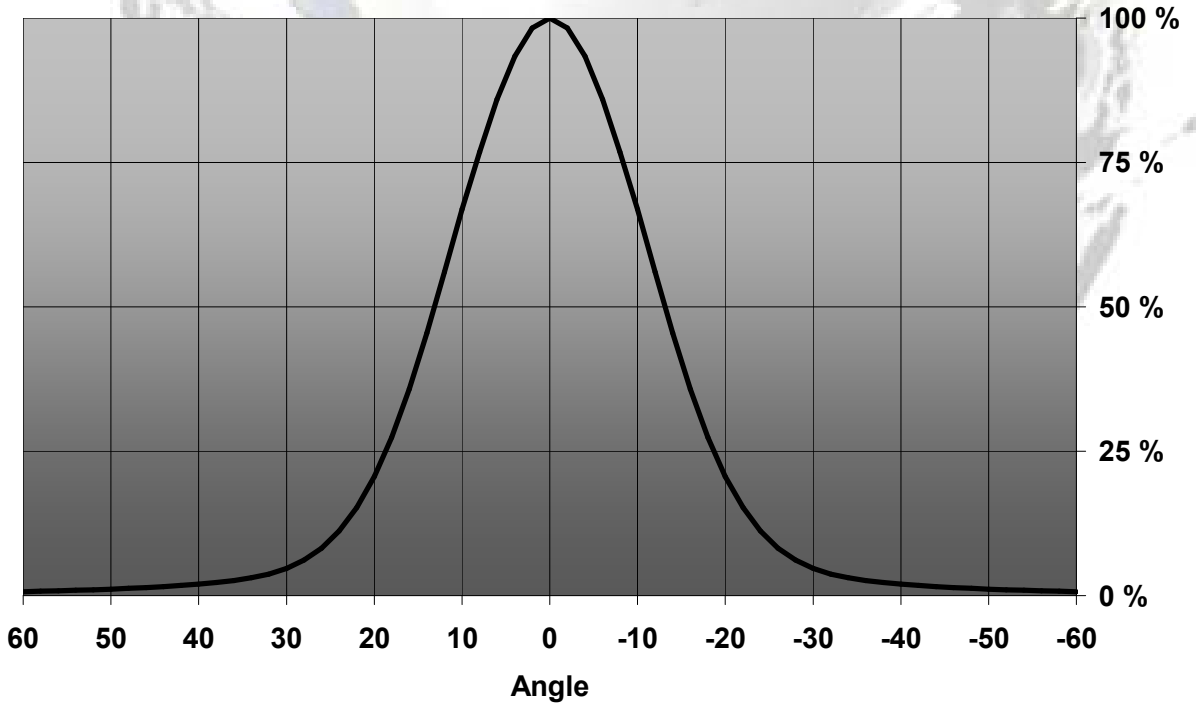
Relative Intensity of LM1-D



Relative Intensity of LM1-M



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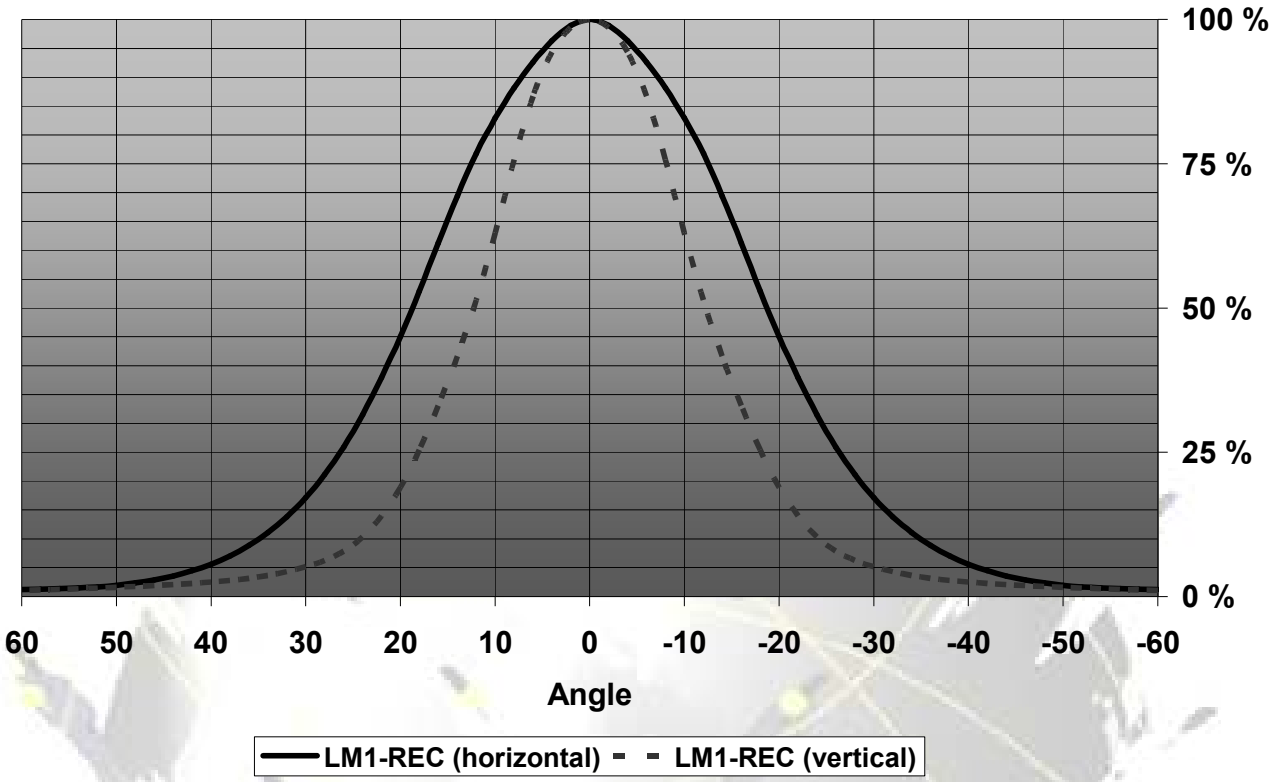
Relative Intensity of LM1-REC



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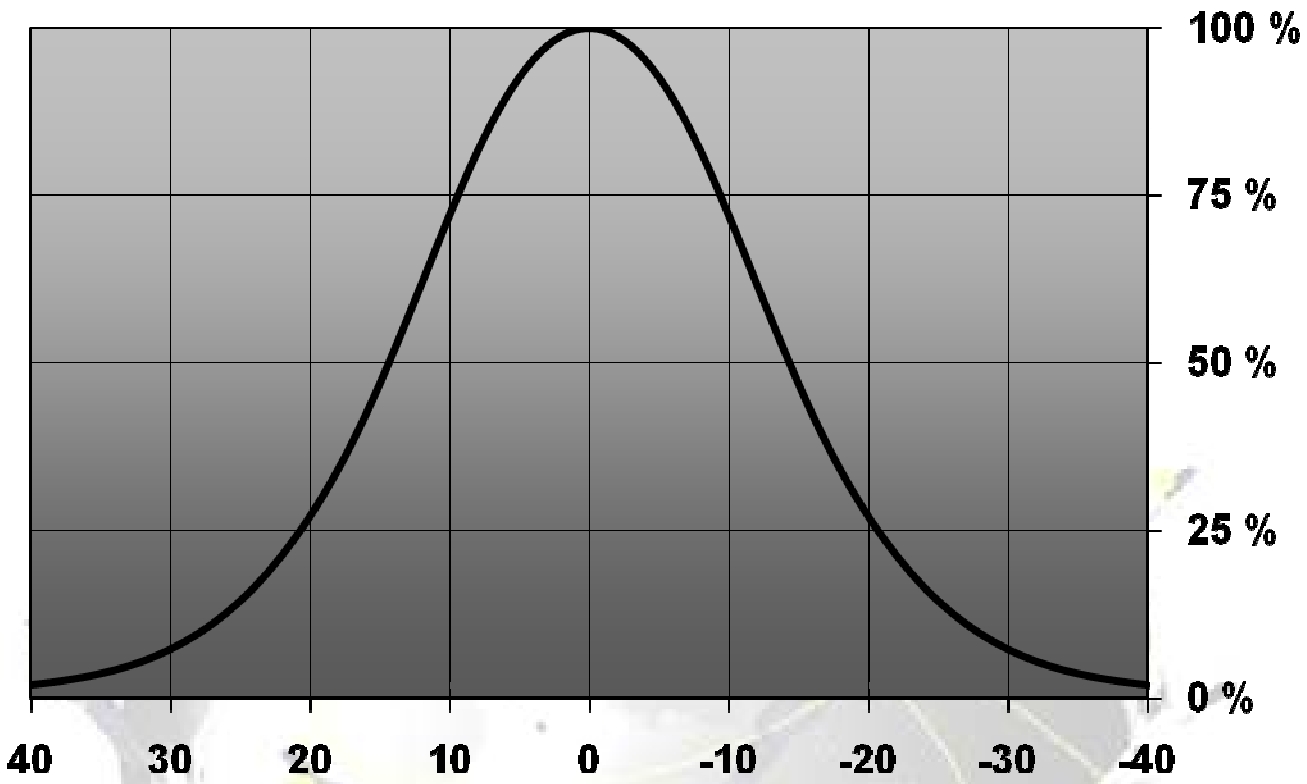
Relative Intensity of FA11894_LM1-W



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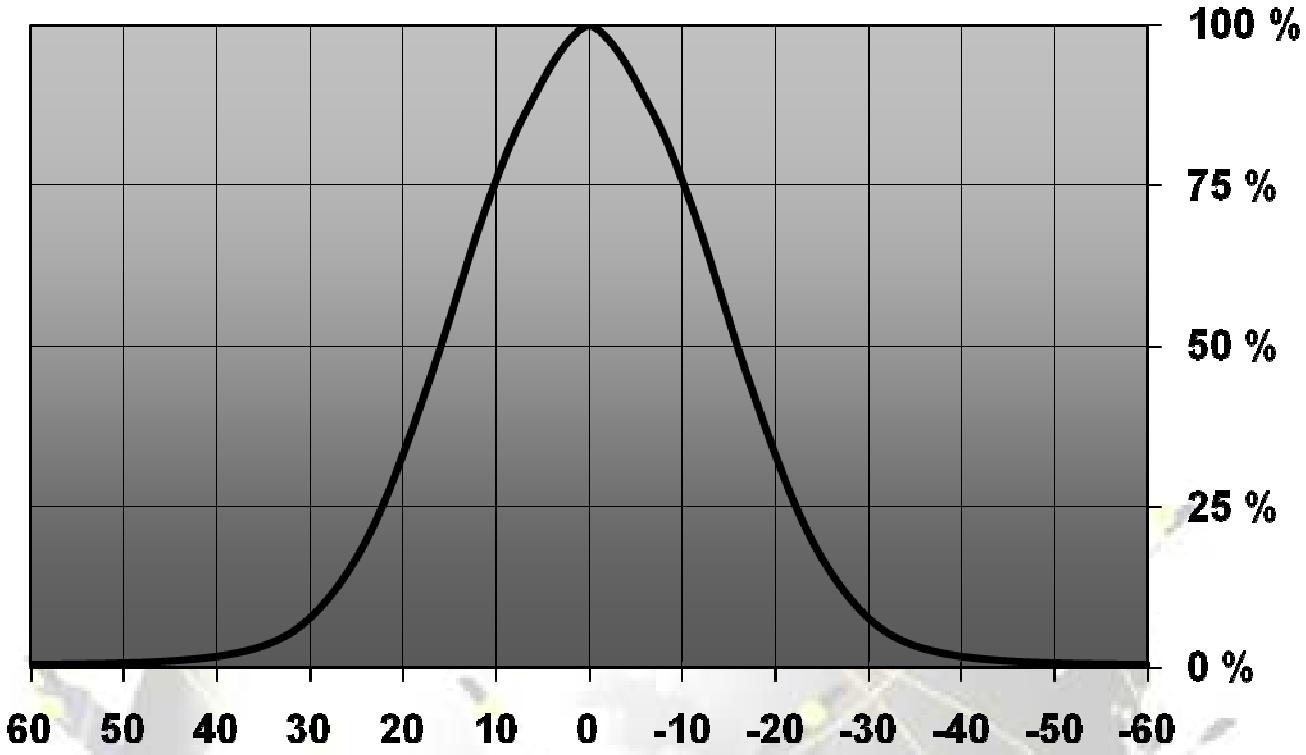
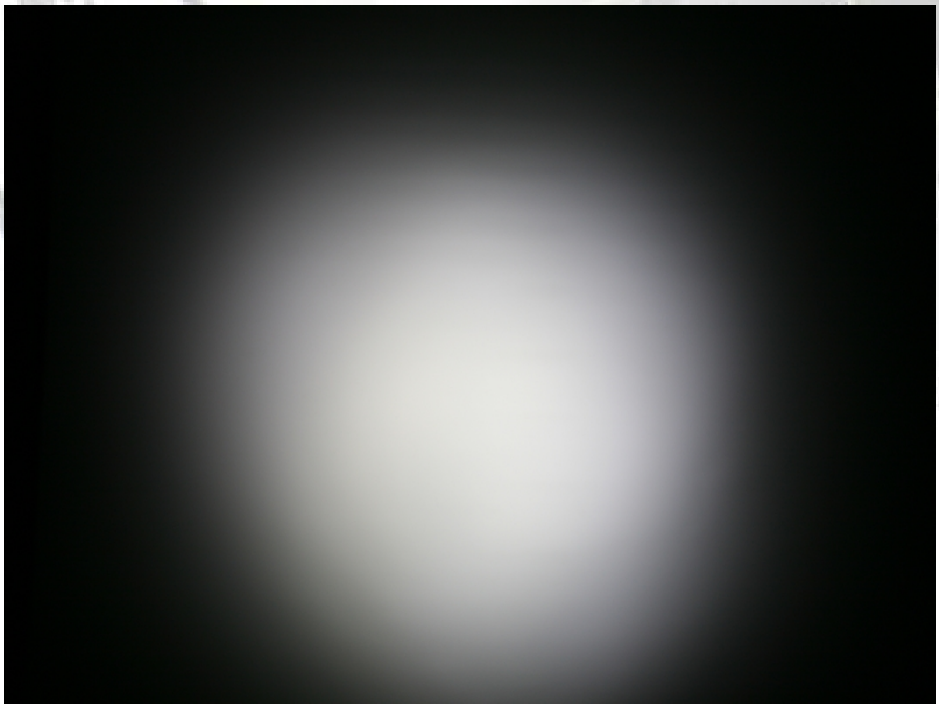
Relative intensity of FA10615_LM1-WW





EULUMDAT & IES FILES AVAILABLE BY REQUEST

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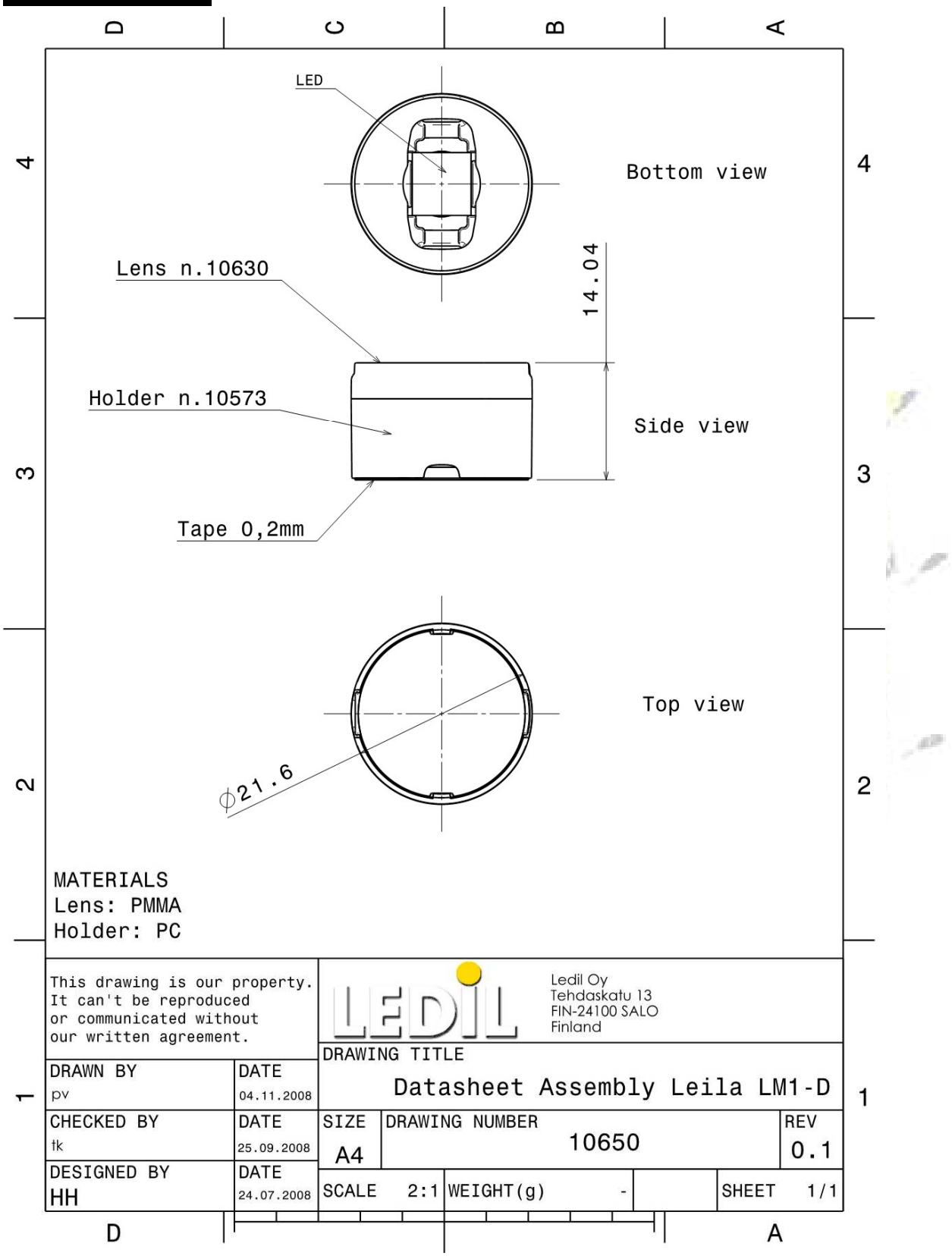
DRAWINGS



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