Tuija-3 lenses for Cree XP-E

- Designed for Cree XP-E series of LEDs.
- Lens material optical grade PMMA with high UV and temperature resistance (105°C/220°F)
- High optical efficiency, >85%
- No lens holder. Fastening to heat sink with droplets of glue. NOTE: legs go into the PCB by 1.2 mm only, do not go thru a normal MCPCB
- Diameter 50 mm (MR16)
- Mechanical CAD models available upon request
- All 3 lens types have the same outer dimensions.

LENS TYPES

NAME	ORDERING CODE	FWHM Angle, with XP-E
Tuija-3 spot	C11192_Tuija-3-SS-XP	±5°
Tuija-3 medium	C11193_Tuija-3-M-XP	±9°
Tuija-3 wide	C11191_Tuija-3-W-XP	±27°

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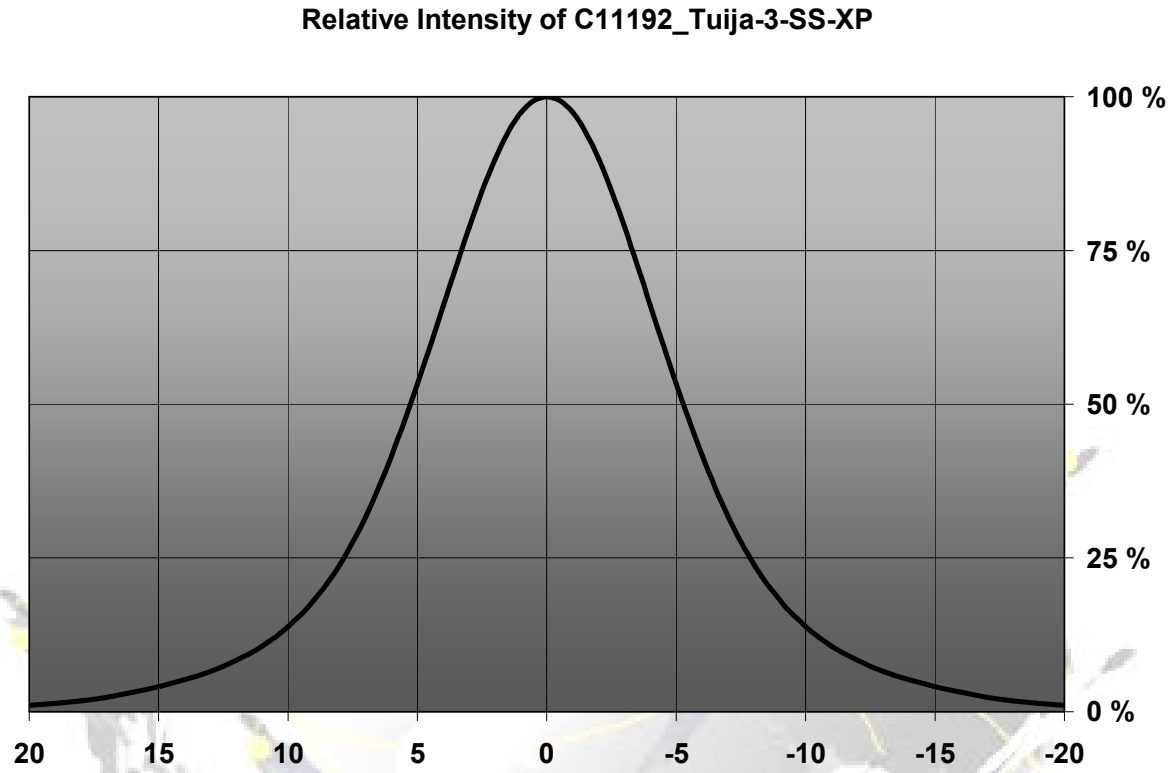
MEASUREMENT DATA



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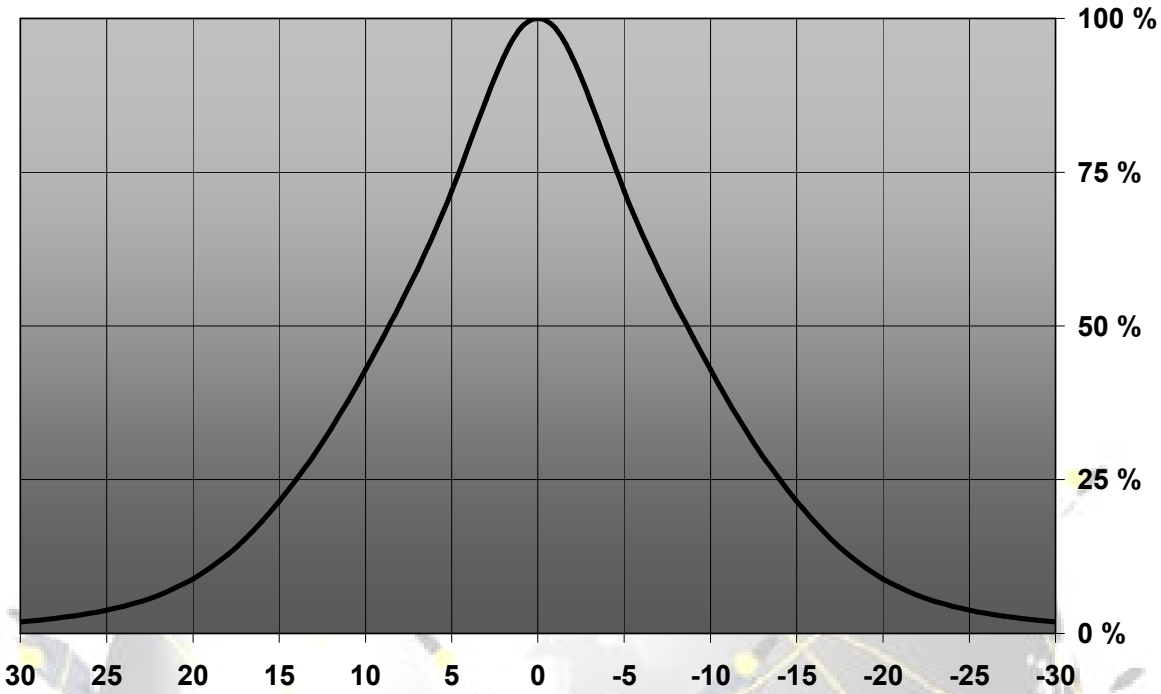
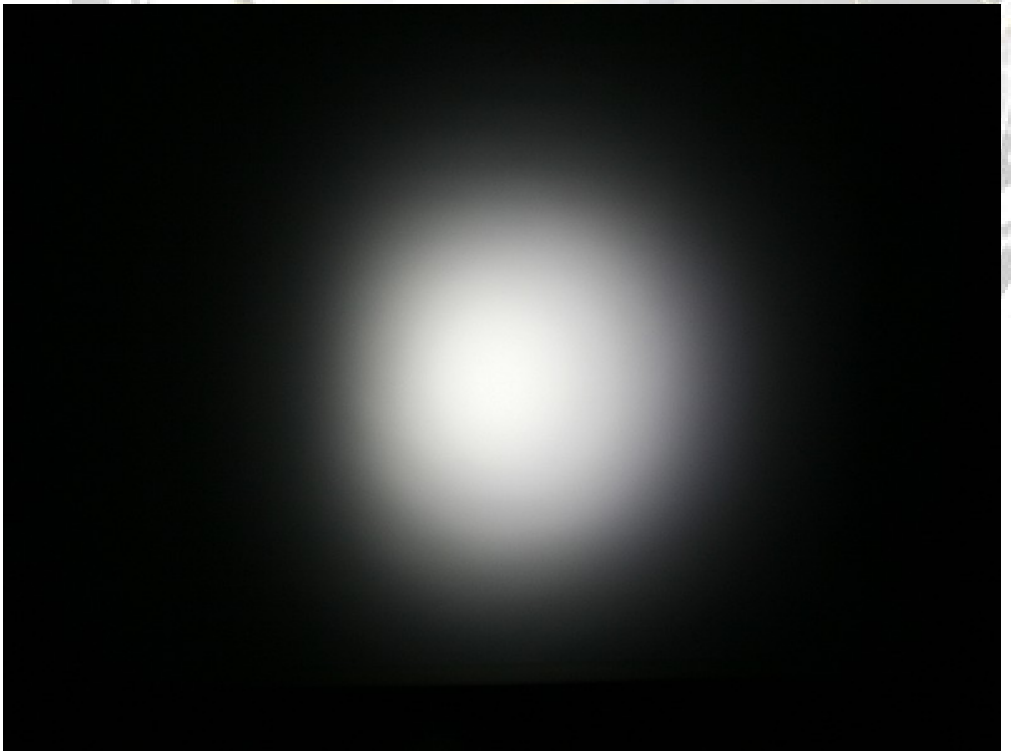
Relative Intensity of C11193_Tuija-3-M-XP





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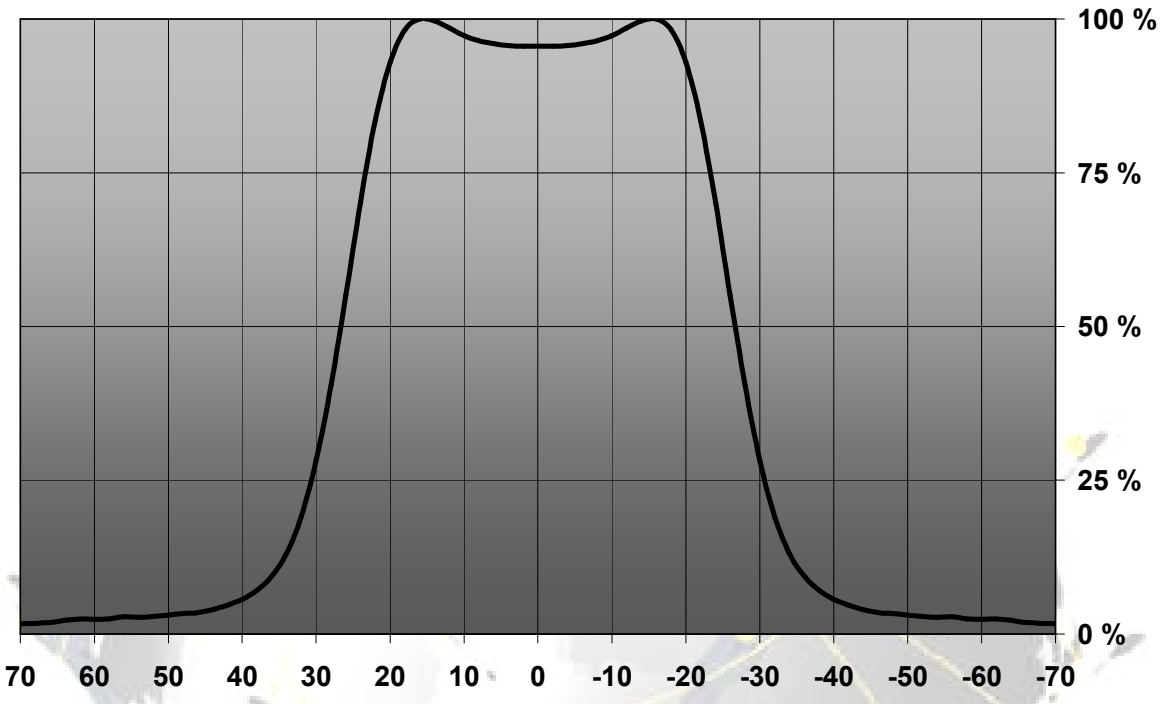
Relative Intensity of C11191_Tuija-3-W-XP



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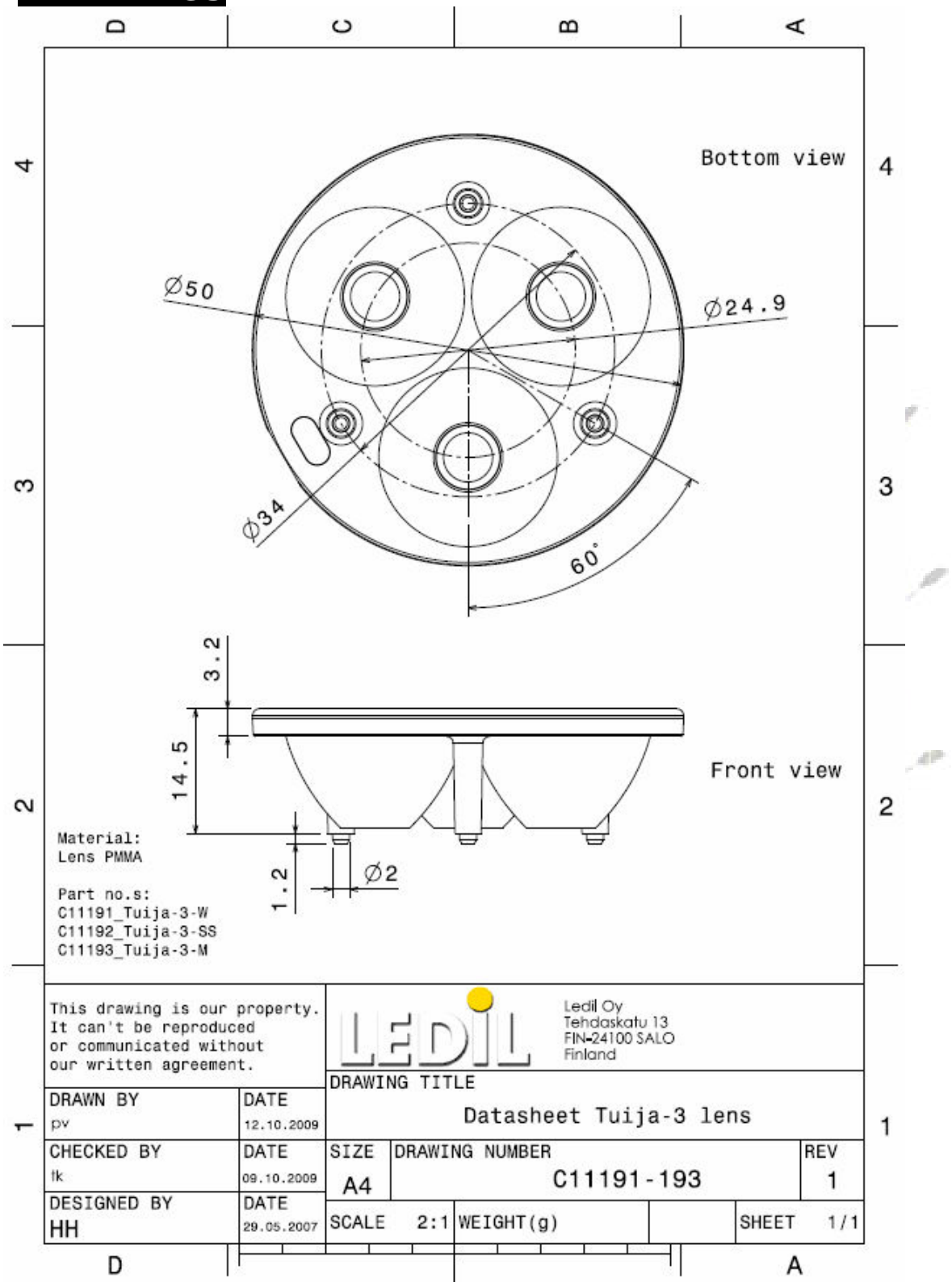
DRAWINGS



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