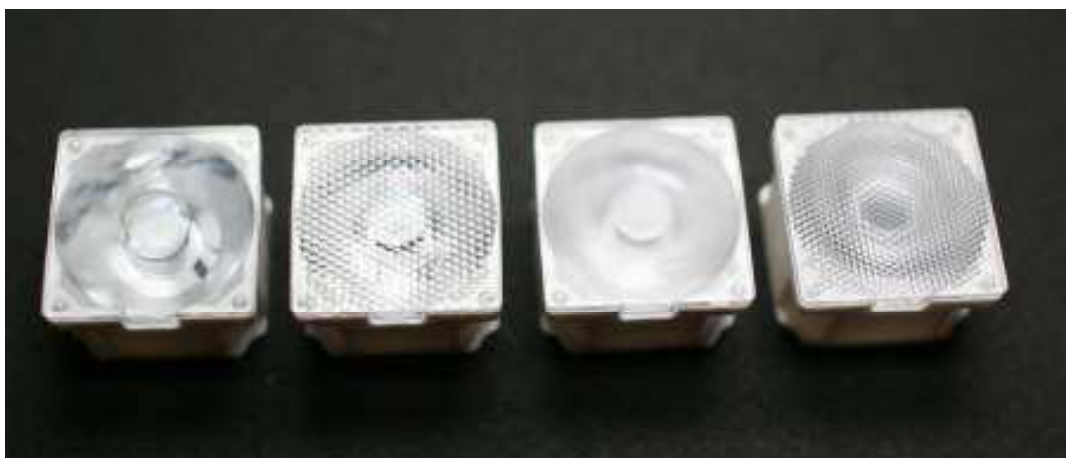
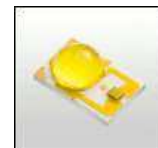


LAURA LENSES FOR LUXEON REBEL/ES LEDS



LUXEON



- Lens material optical grade PMMA with high UV and temperature resistance (105°C/220°F). Allows use of high current and temperature conditions
- Best available optical efficiency, up to 90%, with an extremely good cutoff of light
- Integrated holder. Fastening to heat sink with a PU foam adhesive tape of automotive grade
- We advise customer to ensure the suitability and sufficiency of the bond in the end product. For example, mechanical stress, vibration and holes on the surface of the circuit board weaken the strength of the tape.
- Please check fastening details from this link:
(http://www.ledil.com/datasheets/DataSheet_TAPE.pdf)
- Compact dimensions 21.6 x 21.6 mm. Square form enables easy build of matrix without any gaps between lenses.

LENS TYPES

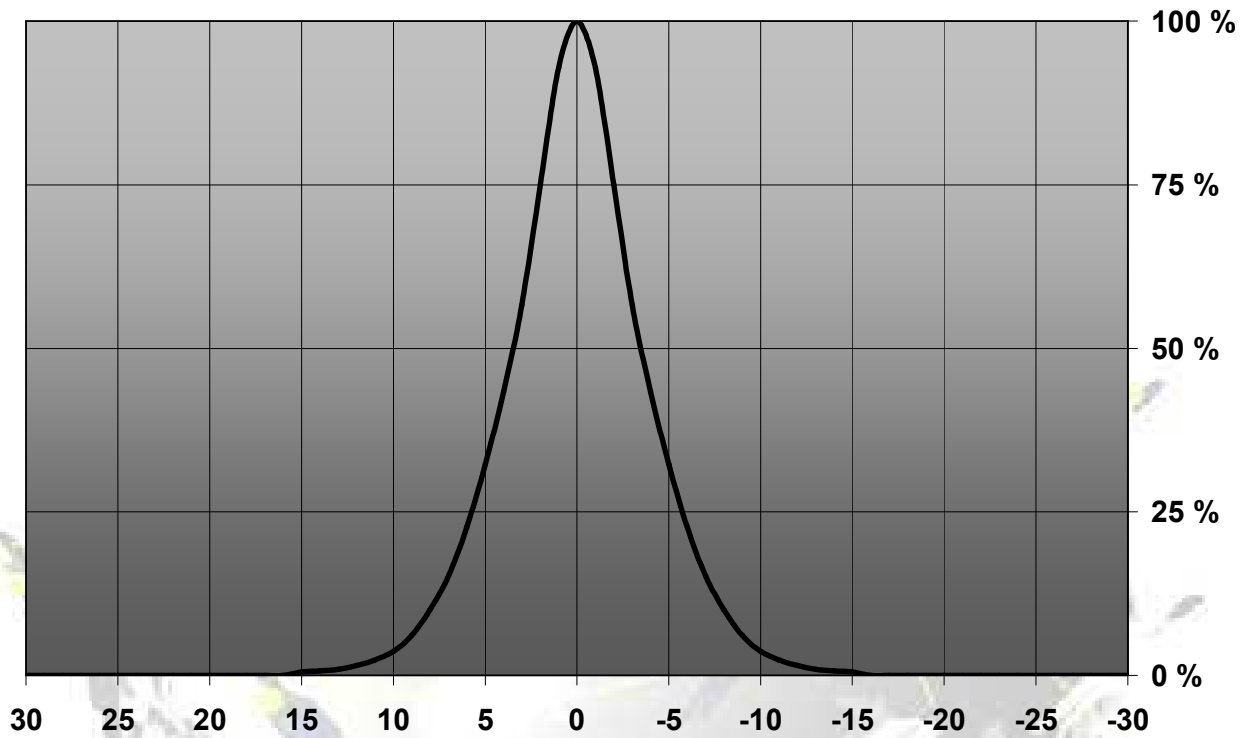
NAME	ORDERING CODE	FWHM Angle
LAURA REAL SPOT	CA11352_Laura-RS-RE-tape	±3.5°
LAURA SMOOTH SPOT	CA11645_Laura-SS-RE-tape	±6°
LAURA DIFFUSER	CA11359_Laura-D-RE-tape	±7°
LAURA MEDIUM	CA11354_Laura-M-RE-tape	±15°
LAURA OVAL	CA11364_Laura-O-RE-tape	±20° x ±6°
LAURA REFL WIDE	CA11524_Laura-Refl-W-RE-tape	±34°
LAURA WW	CA11768_Laura-WW-RE-tape	Coming soon

NAME	ORDERING CODE	FWHM Angle
LAURA REAL SPOT	CA11352_Laura-RS-RE-ES-tape	to be measured shortly
LAURA SMOOTH SPOT	CA11645_Laura-SS-RE-ES-tape	to be measured shortly
LAURA DIFFUSER	CA11359_Laura-D-RE-ES-tape	to be measured shortly
LAURA MEDIUM	CA11354_Laura-M-RE-ES-tape	to be measured shortly
LAURA OVAL	CA11364_Laura-O-RE-ES-tape	to be measured shortly
LAURA REFL WIDE	CA11524_Laura-Refl-W-RE-ES-tape	to be measured shortly
LAURA WW	CA11768_Laura-WW-RE-ES-tape	Coming soon

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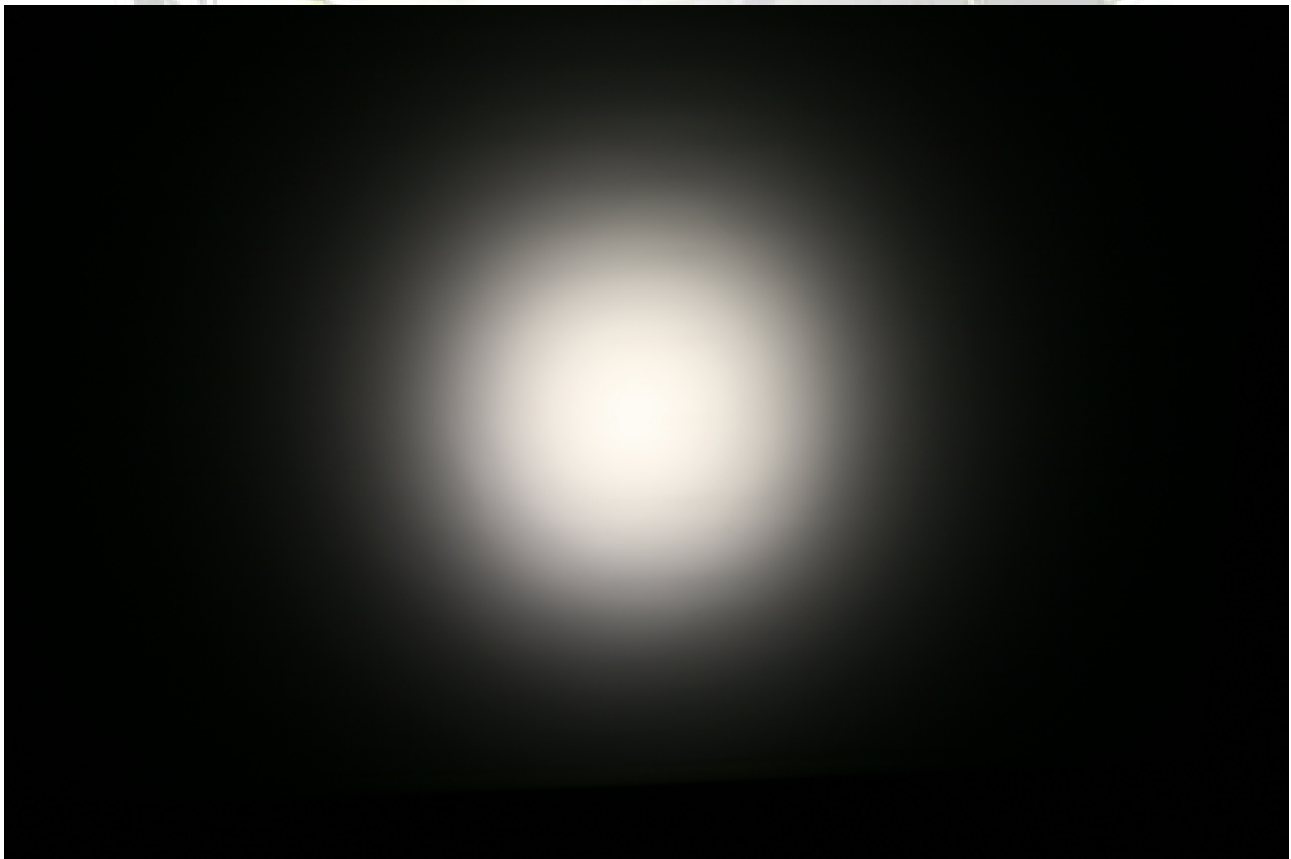
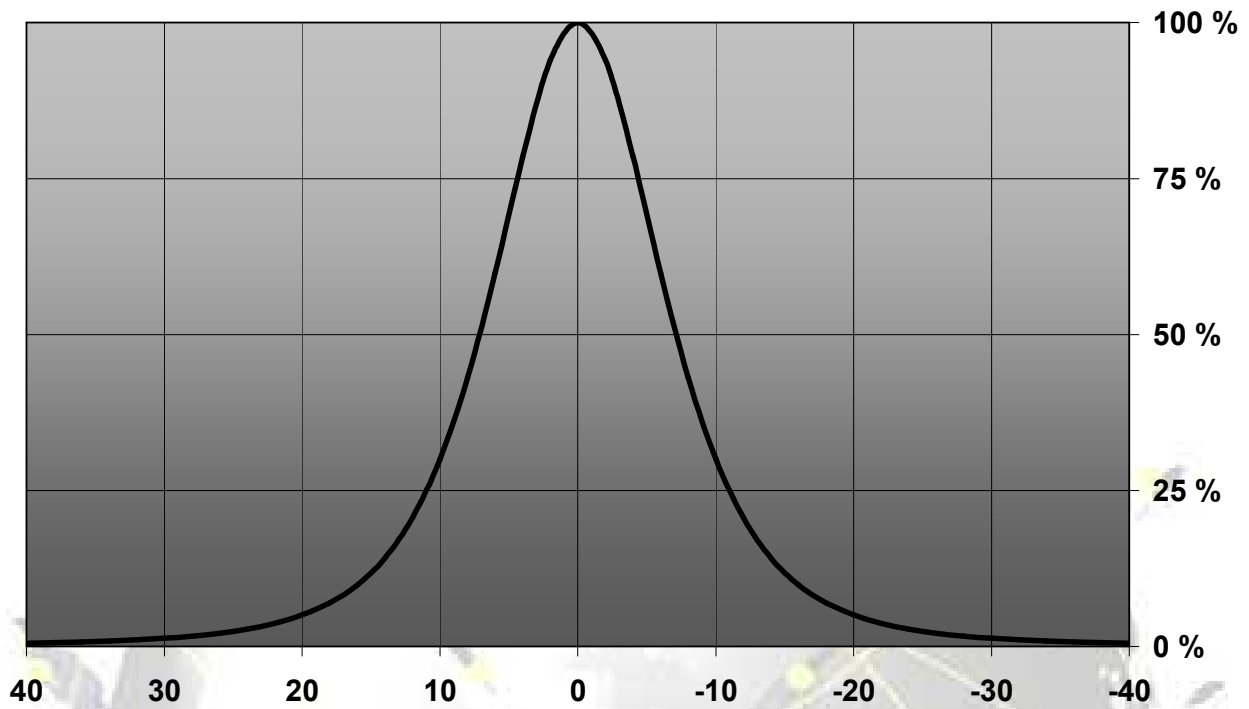
MEASUREMENTS

Relative Intensity of CA11352_Laura-RS-RE-tape



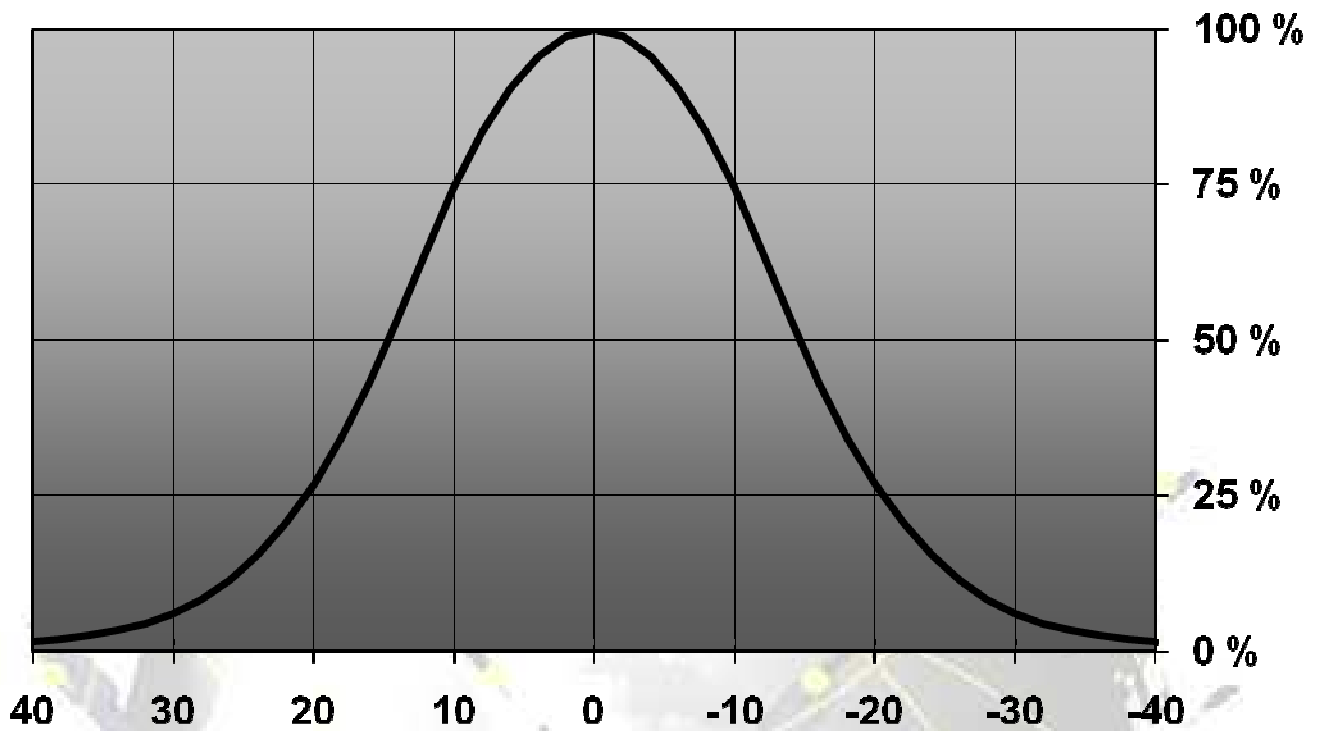
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Relative intensity of CA11359_Laura-D-RE-tape



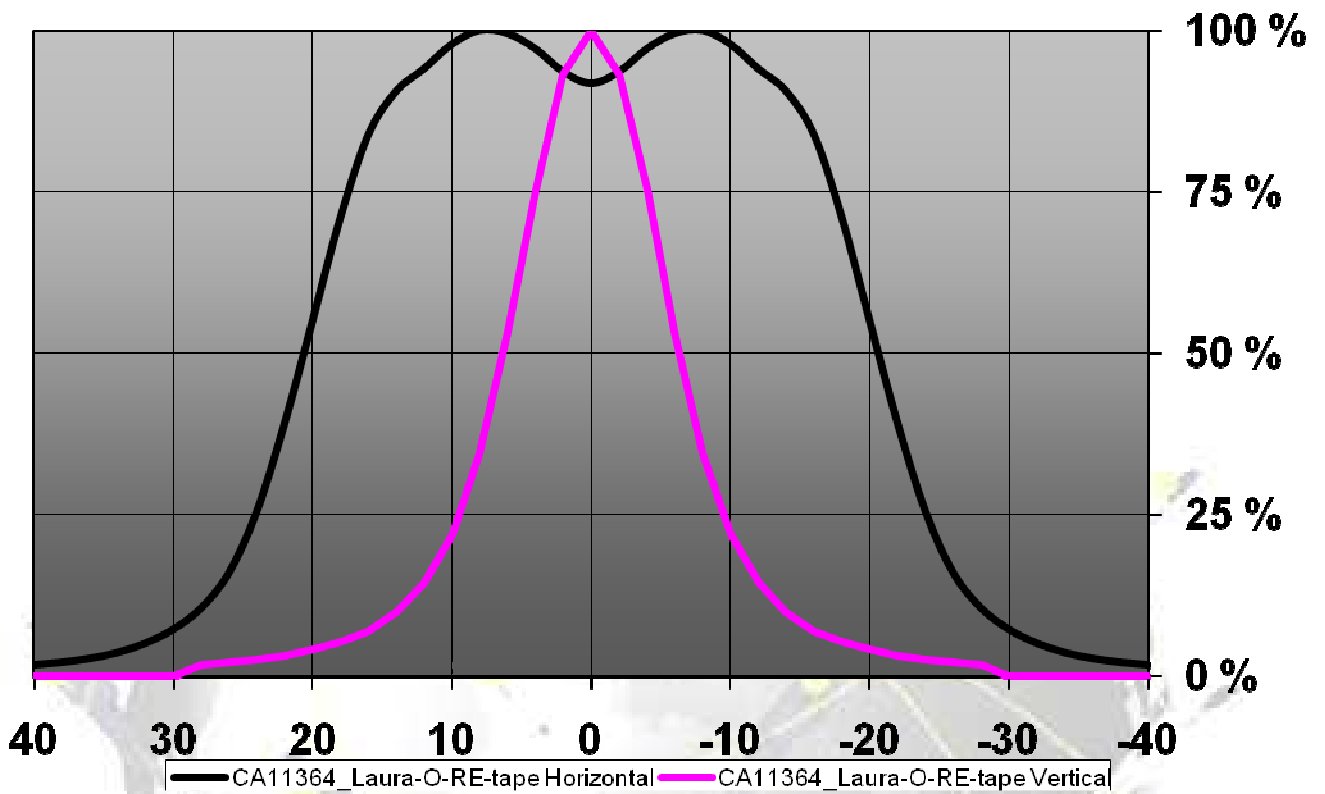
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Relative intensity of CA11354_Laura-M-RE



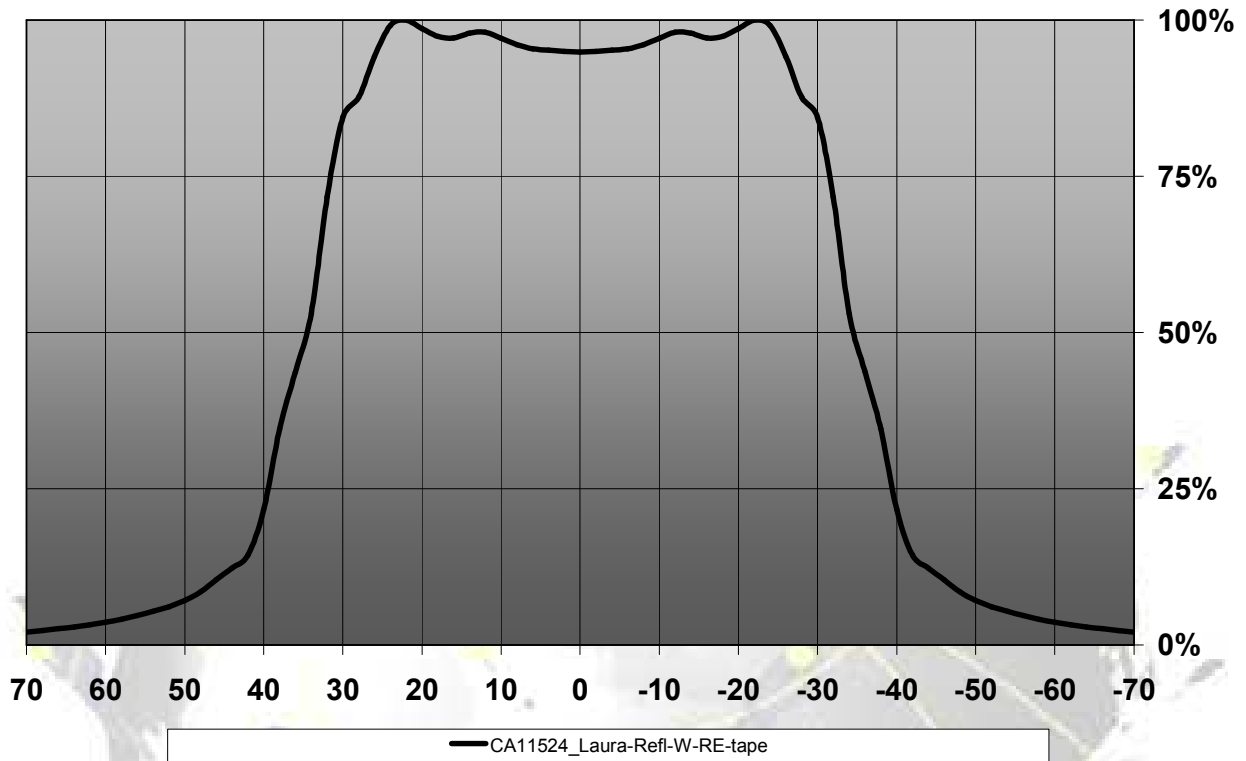
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Relative intensity of CA11364_Laura-O-RE-tape



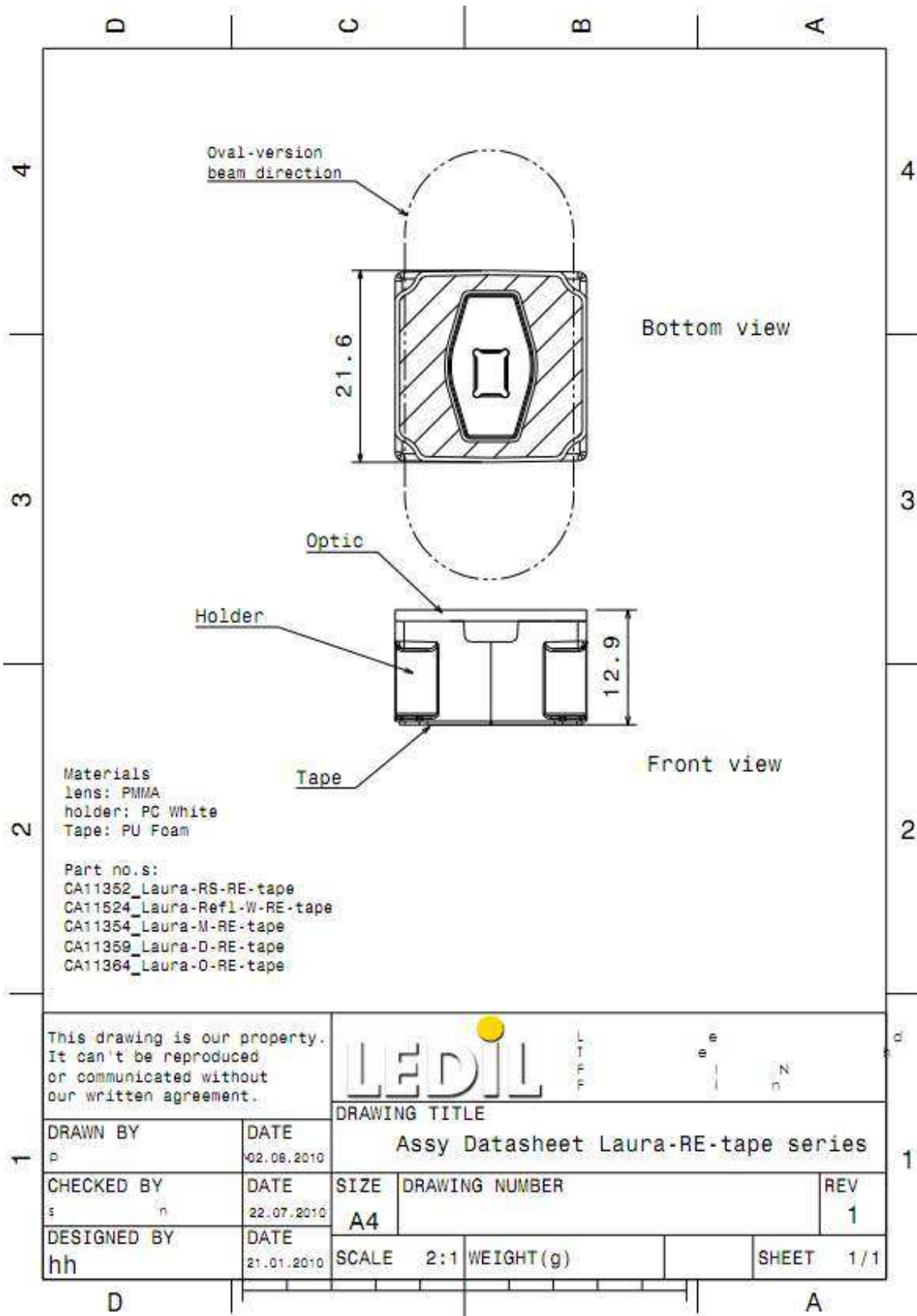
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Relative intensity of CA11524_Laura-Refl-W-RE-tape



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DRAWINGS



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