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# LEDIL F'FORM OPTICS

## FULLY SEALABLE EMILY LENSES FOR CREE XP-E









- Specially designed for Cree XLAMP XP-E series of LEDs.
- Lens material optical grade PMMA with high UV and temperature resistance (105°C/220°F)
- High optical efficiency, up to 90%
- No lens holder. Lens has small position pins, fastening to heat sink with a PU foam adhesive tape of automotive grade. For mounting instruction, please see datasheet at the bottom page.
- 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 boar weaken the strength of the tape.
- Please check fastening details from this link: (http://www.ledil.com/datasheets/DataSheet_TAPE.pdf)
- Lens foot can be potted with resin without losses in optical efficiency (**fully sealed construction** of luminaire possible)
- Diameter 26 mm, height 15mm

## LENS TYPES

| NAME | ORDERING CODE | FWHM Angle |
|---|---|---|
| Emily Smooth Spot | CA11387_Emily-SS-XP | ±5° |
| Emily Medium | CA11388_Emily-M-XP | ±9° |
| Emily Medium 2 | CA11391_Emily-M2-XP | ±14° |
| Emily Oval | CA11389_Emily-O-XP | ±22° x ±5° |
| Emily Oval 90° | CA11390_Emily-O-90-XP | ±22° x ±5° |

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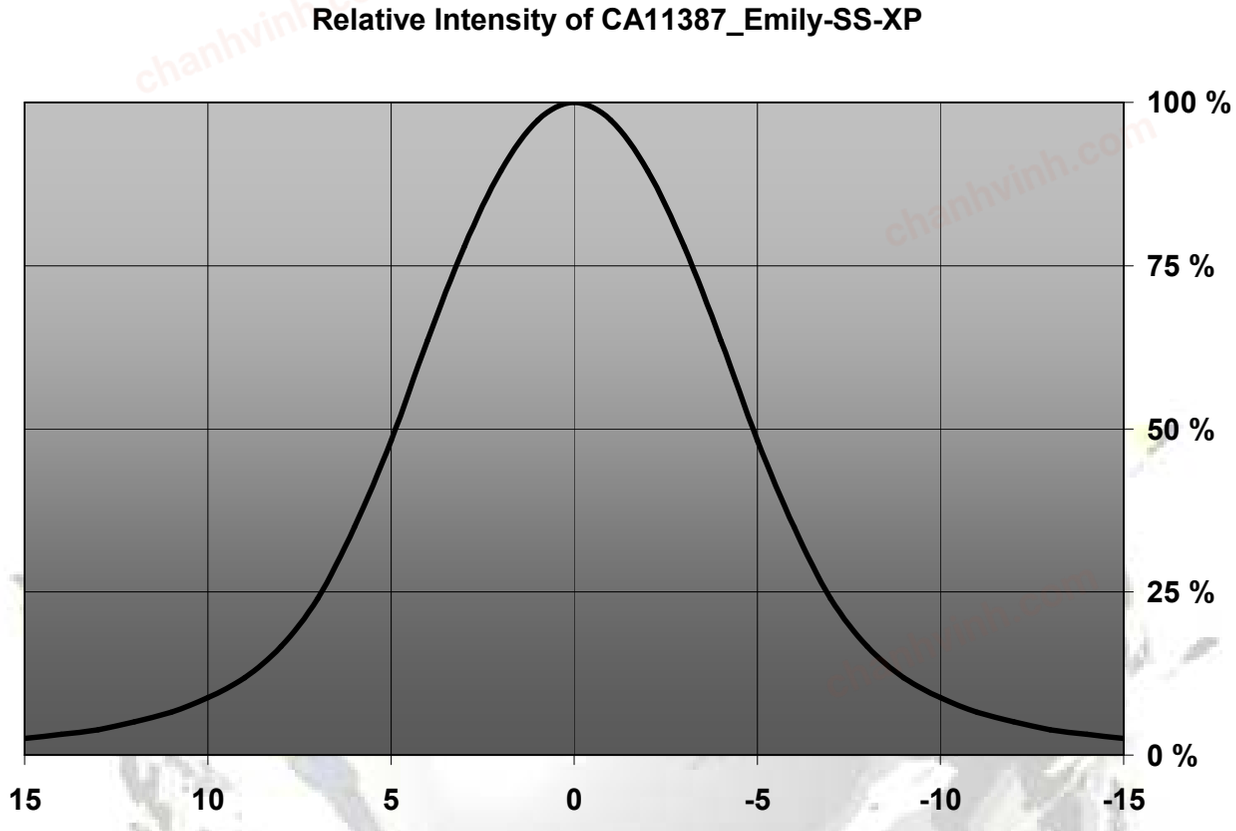
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# MEASUREMENTS






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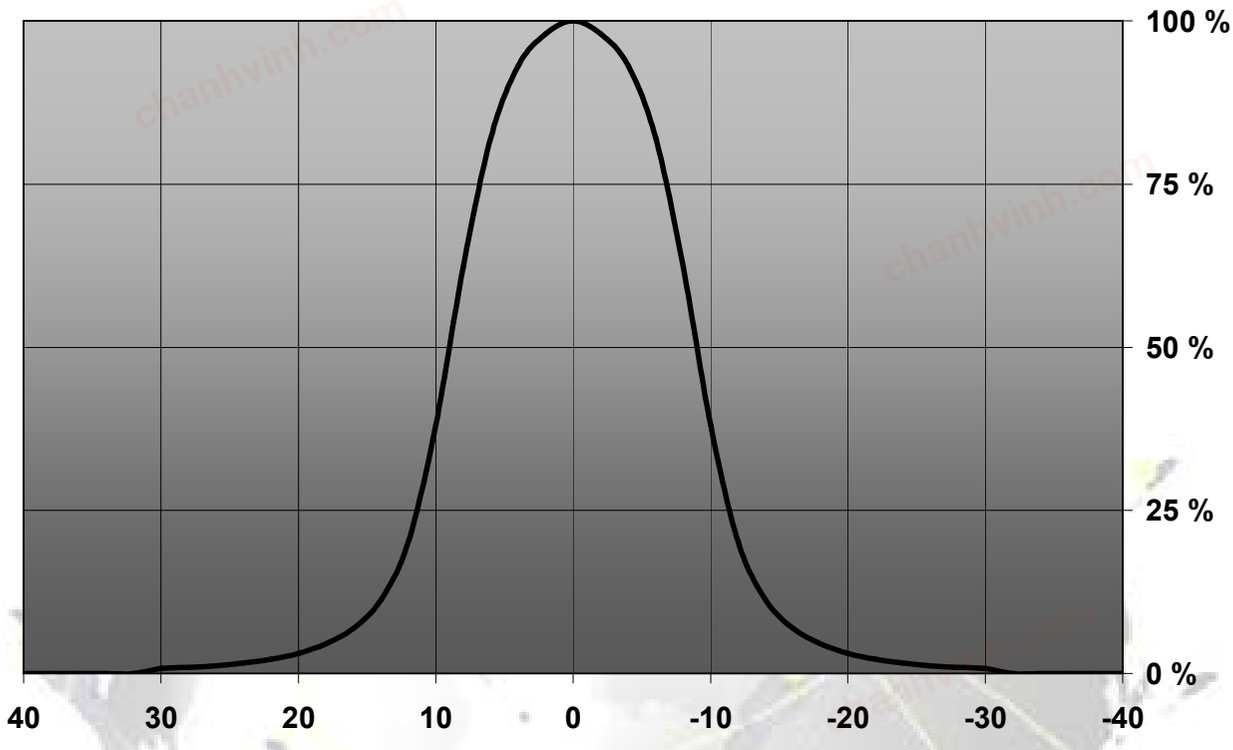
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# LEDIL F'FORM OPTICS

**Relative Intensity of CA11388_Emily-M-XP**






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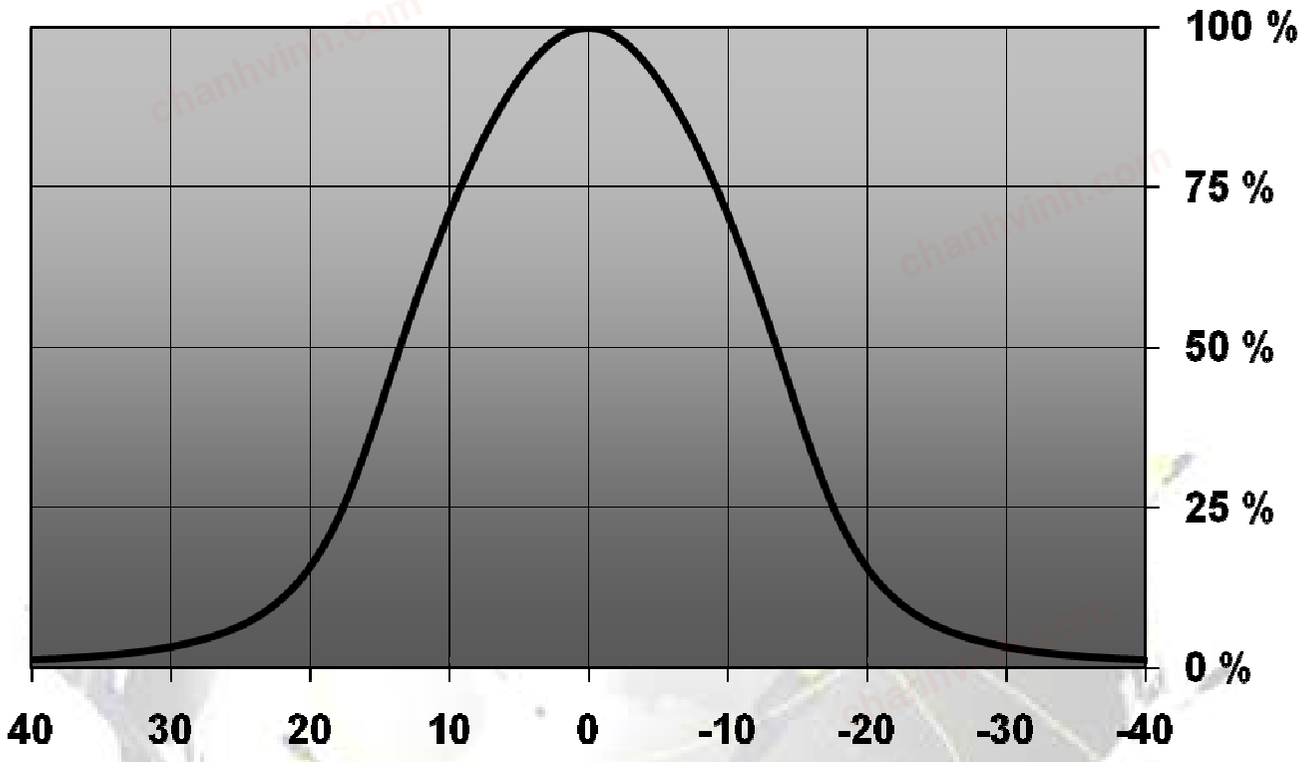
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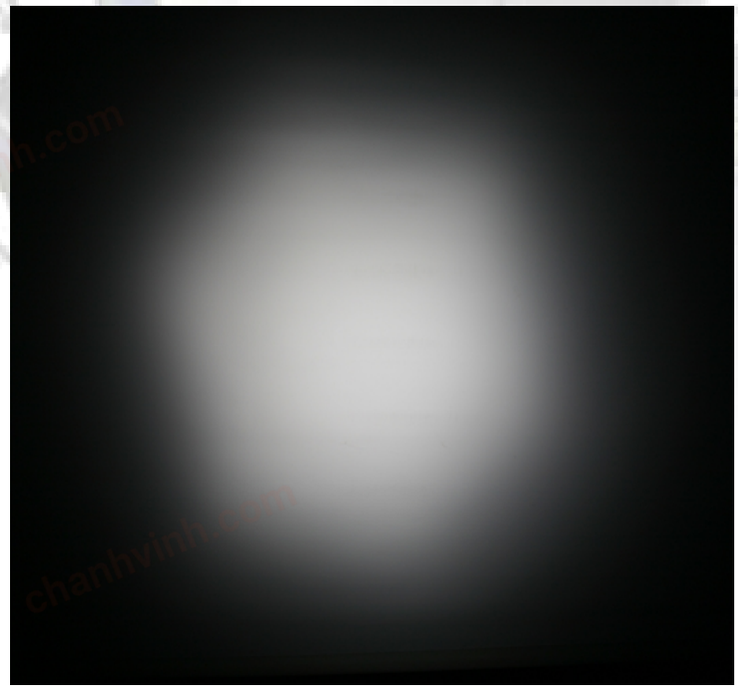
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# LEDIL F'FORM OPTICS

## Relative intensity of CA11391_EMILY-M2-XP



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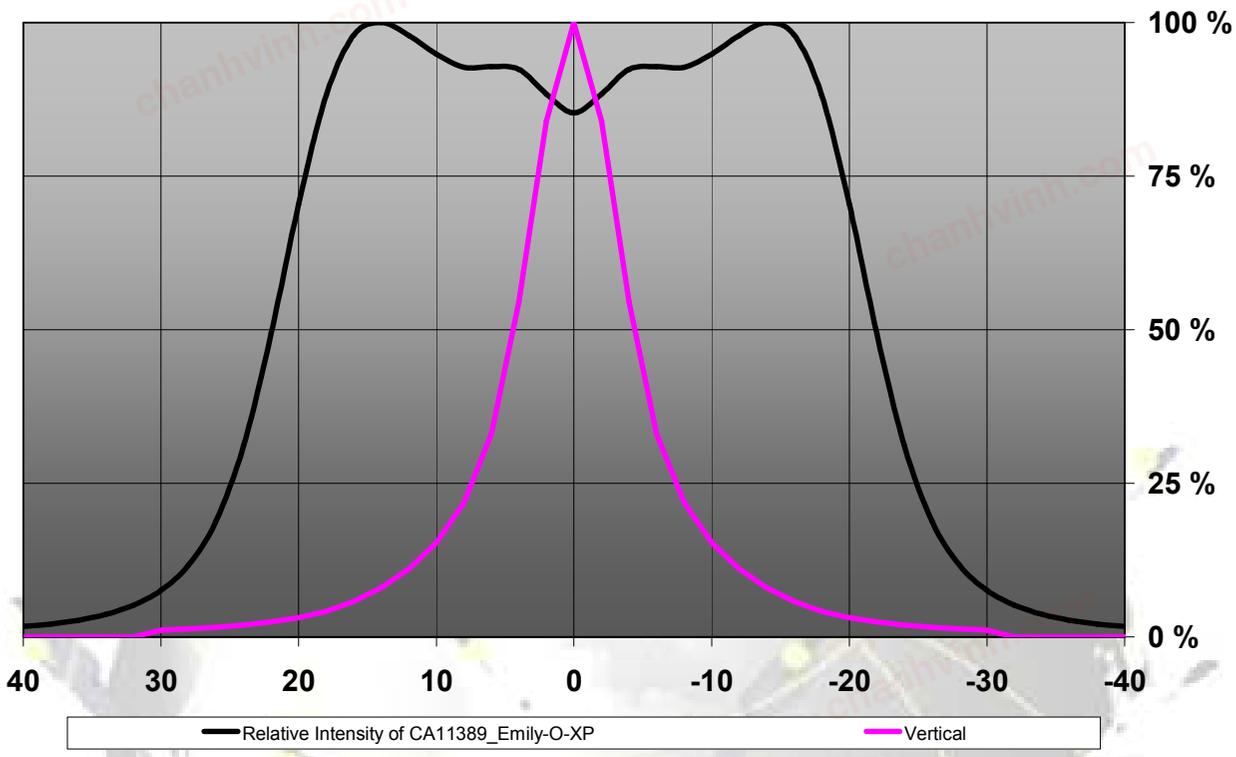
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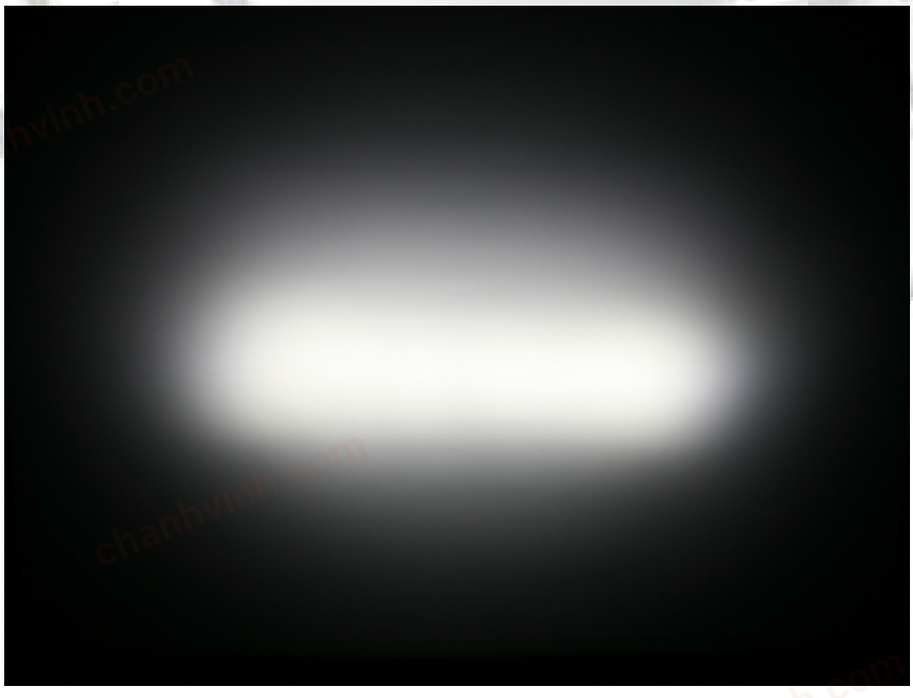
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# LEDIL F'FORM OPTICS

## Relative Intensity of CA11389_Emily-O-XP



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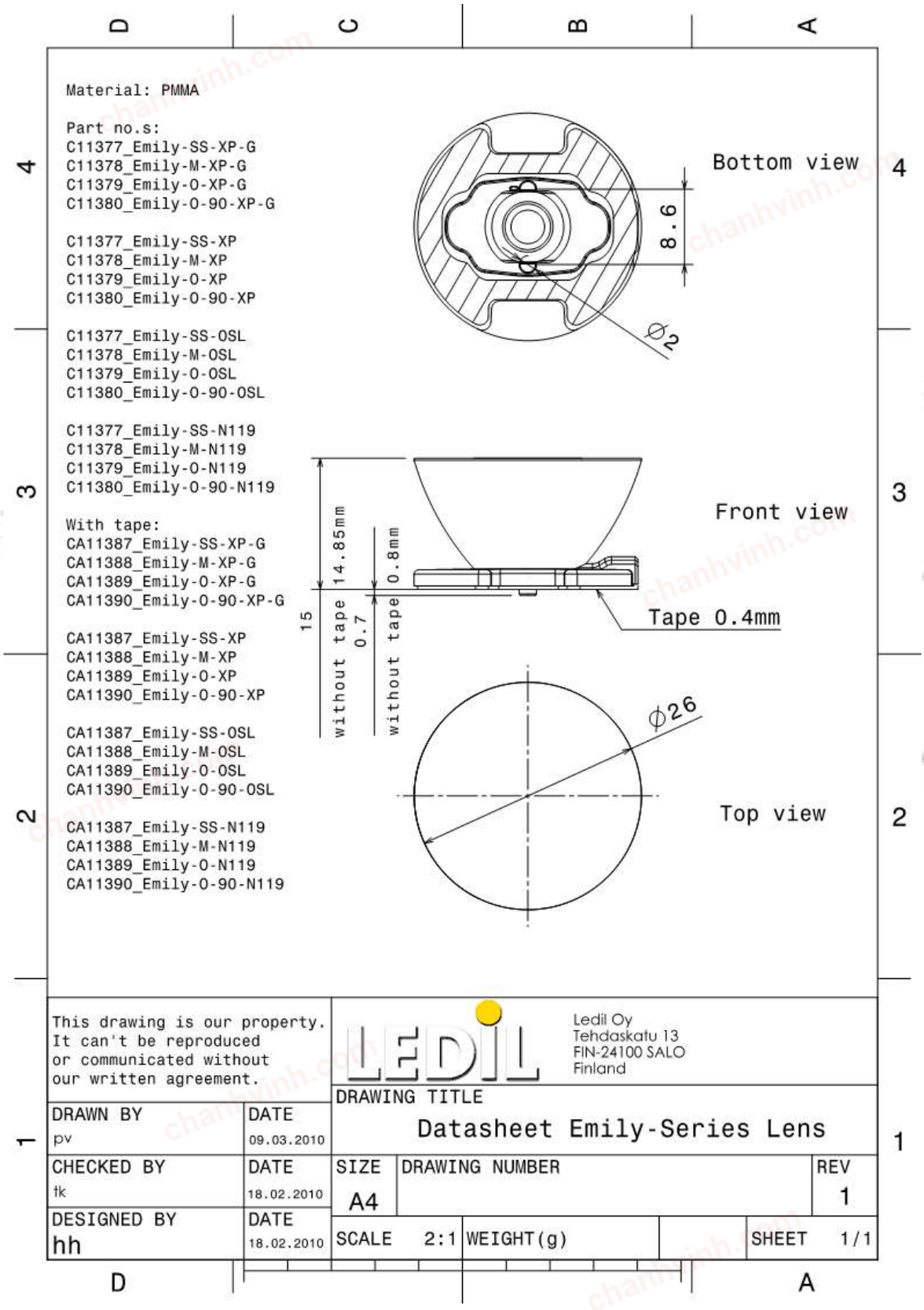
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# DRAWINGS




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