

## Cute-3 lenses for Nichia 119 / 219 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.
- No lens holder. Fastening to heat sink with droplets of glue.
- Please check fastening details from this link:  
([http://www.ledil.com/datasheets/DataSheet\\_GLUES.pdf](http://www.ledil.com/datasheets/DataSheet_GLUES.pdf))
- Best available optical efficiency, up to 90%.
- Suitable for MR11 applications.

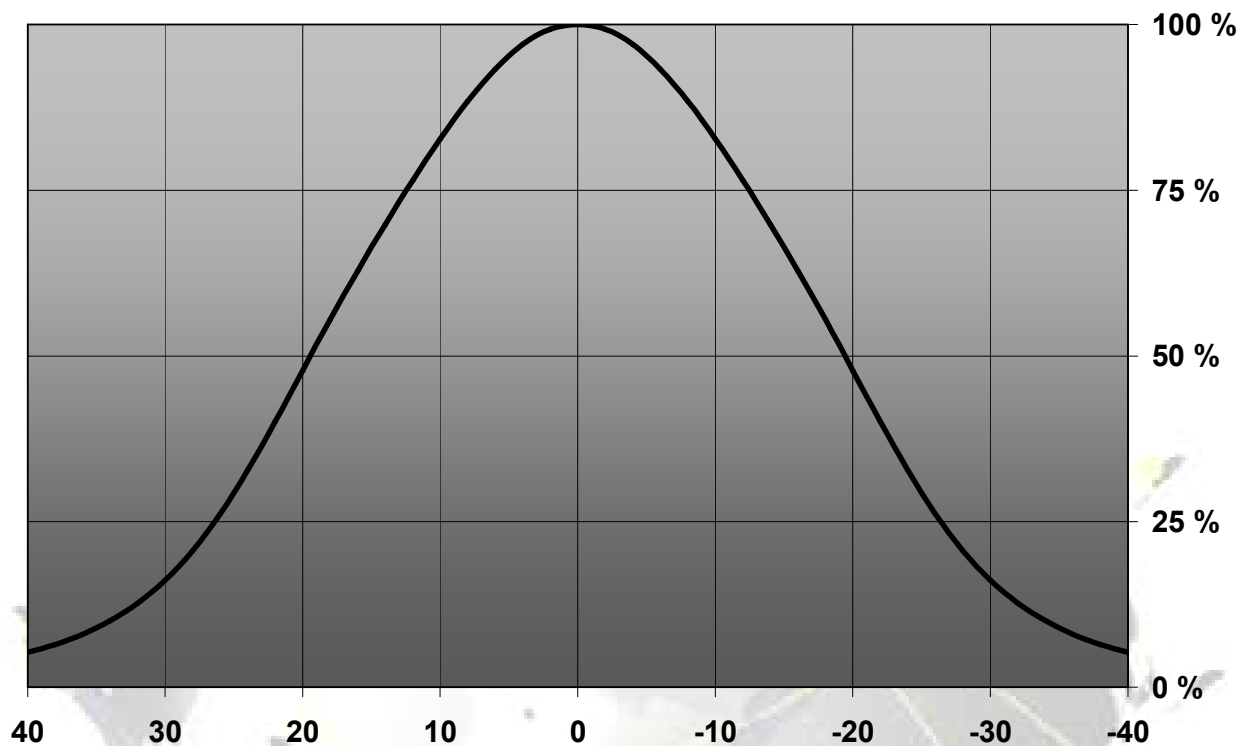
## LENS TYPES

| NAME               | ORDERING CODE        | FWHM Angle |
|--------------------|----------------------|------------|
| Cute-3 Smooth Spot | C10754_Cute-3-SS-N19 | ±~7°       |
| Cute-3 Medium      | C10755_Cute-3-M-N19  | ±~12.5°    |
| Cute-3 Wide        | C10756_Cute-3-W-N19  | ±19.5°     |

## MEASUREMENT DATA

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Relative Intensity of C10756\_Cute-3-W-N119



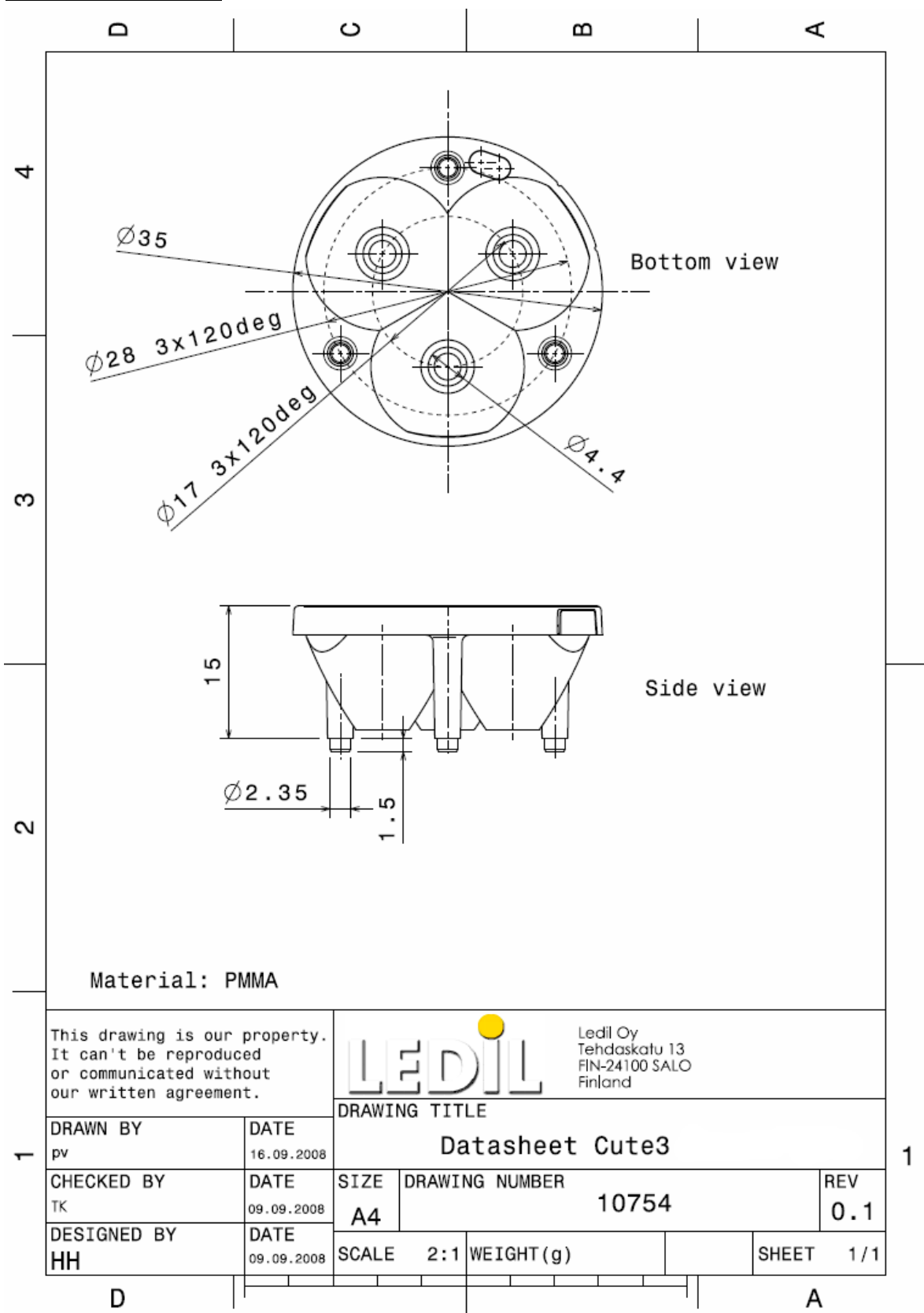
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## DRAWINGS



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[C10754\\_Cute-3-SS-N119](#) [C10755\\_Cute-3-M-N119](#) [C10756\\_Cute-3-W-N119](#)