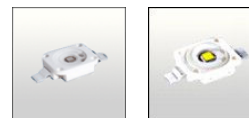


Cute-3-O-Plus MR11, lenses for Platinum & Golden Dragon+ LEDs

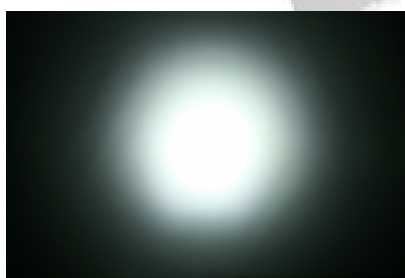


OSRAM
www.osram.com

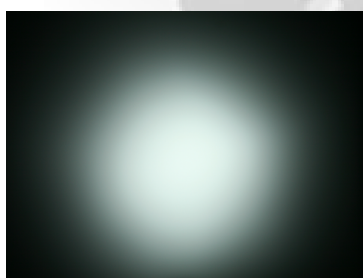
- Specially designed for Osram-os Golden Dragon+ series of LEDs.
- Special care taken to make a uniform white or warm white illumination.
- Lenses work well with other colors, too.
- Lens material optical grade PMMA. Allows use of high current and temperature conditions
- Best available optical efficiency, up to 90%.

LENS TYPES

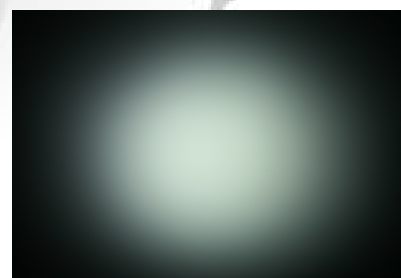
NAME	ORDERING CODE	FWHM Angle
Cute-3-O-Plus Smooth Spot	C10710_Cute-3-O-Plus-S	±5.6°
Cute-3-O-Plus Medium	C10711_Cute-3-O-Plus-M	±14°
Cute-3-O-Plus Wide	C10712_Cute-3-O-Plus-W	±16°



CUTE-3-O SMOOTH SPOT



CUTE-3-O MEDIUM

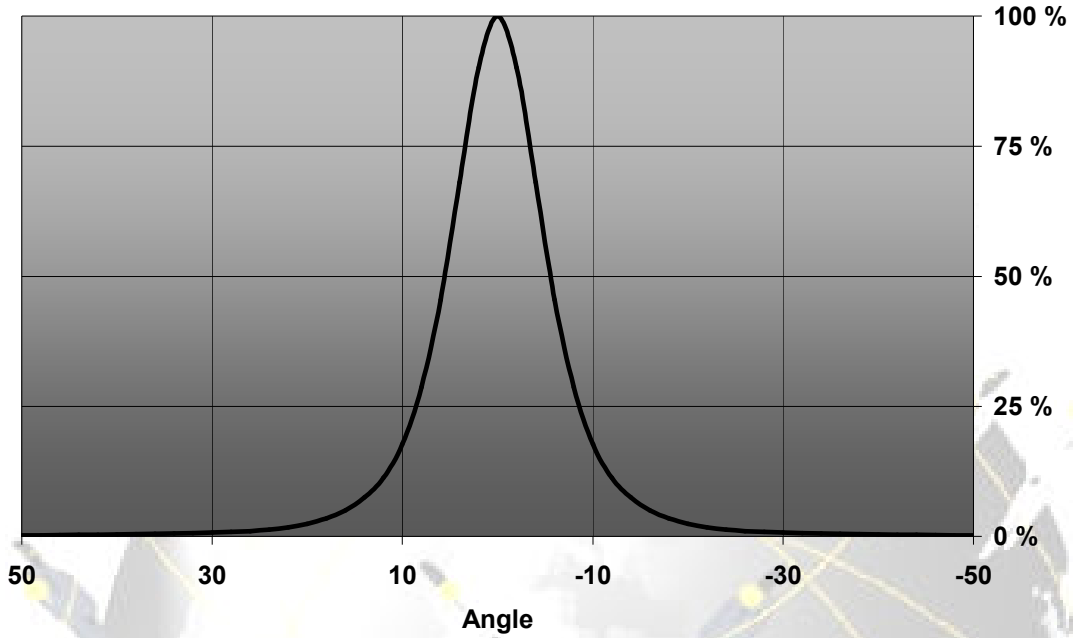


CUTE-3-O WIDE

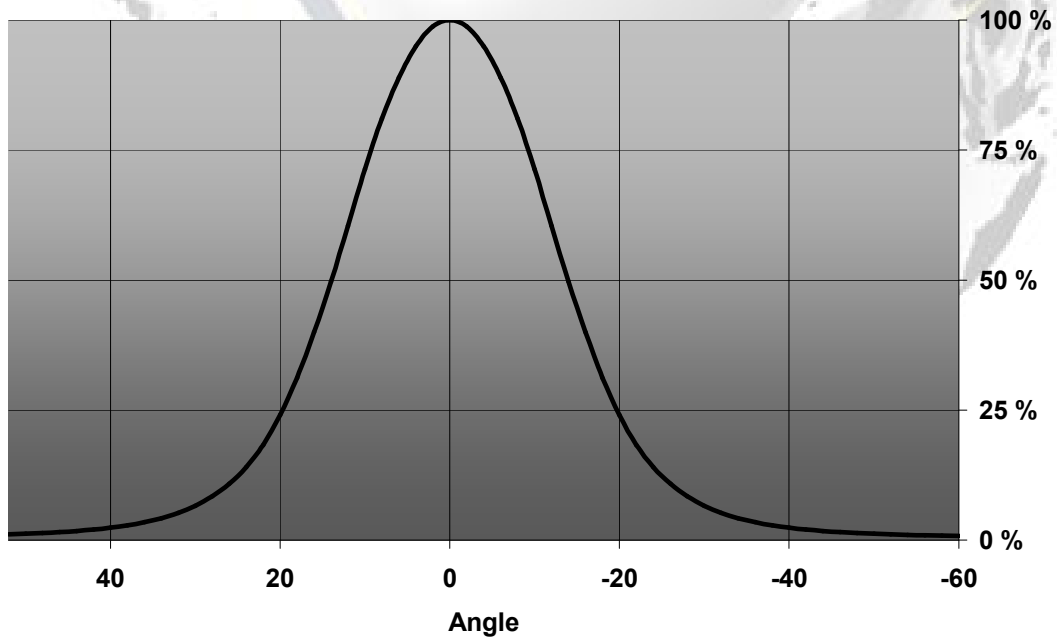
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MEASUREMENT DATA

Relative Intensity of Cute-3-O-Plus-SS

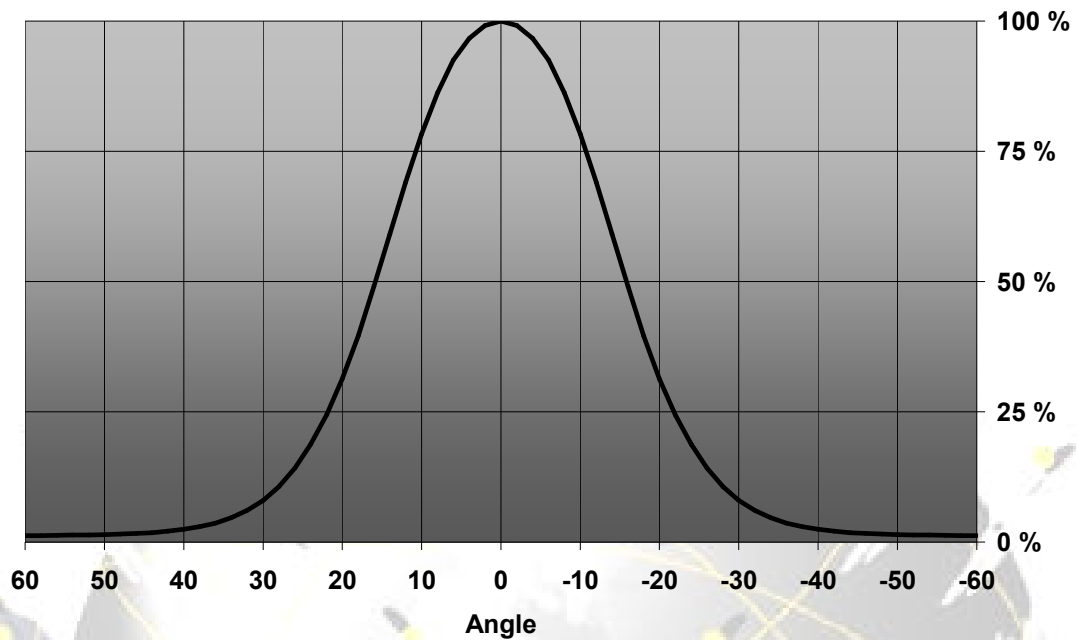


Relative Intensity of Cute-3-O-M



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Relative Intensity of C10712_Cute-3-O-Plus-W



EULUMDAT & IES FILES AVAILABLE BY REQUEST

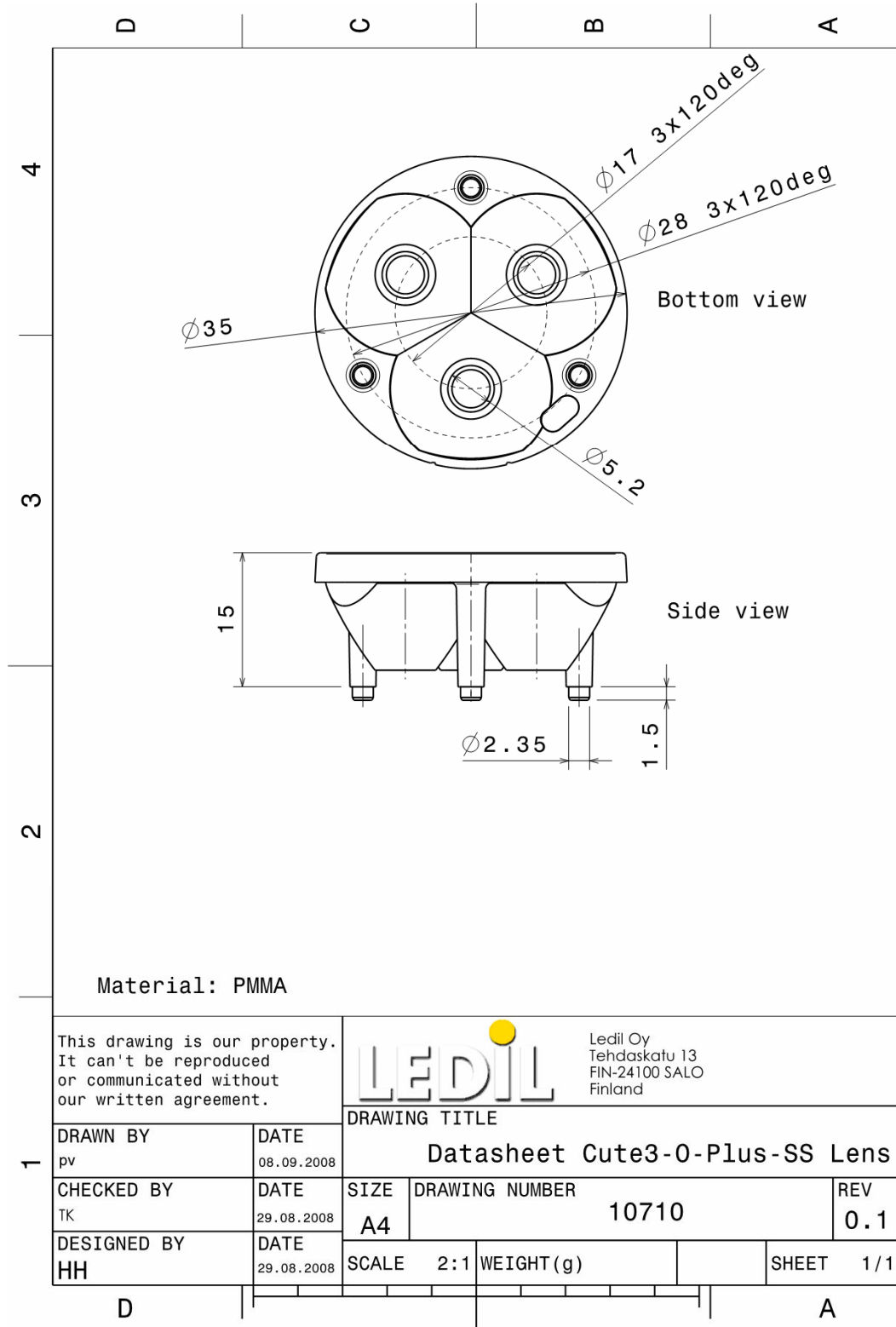
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2009-11-28

DRAWINGS



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