

Cindy-L230 reflector for Citizen CL-L230 LEDs



CITIZEN
Micro HumanTech

<http://ce.citizen.co.jp/e/>



- Specially designed for Citizen CL-L230 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 metallized PC. Allows use of high current and temperature conditions (130°C/266°F)
- Best available optical efficiency, up to 90%.

LENS TYPES

NAME	ORDERING CODE	FWHM Angle
Cindy-L230 Spot	C10982_Cindy-L230-S	±17.5°
Cindy-L230 Medium	C10983_Cindy-L230-M	±25.5°
Cindy-L230 Wide	C10984_Cindy-L230-W	±30.5°

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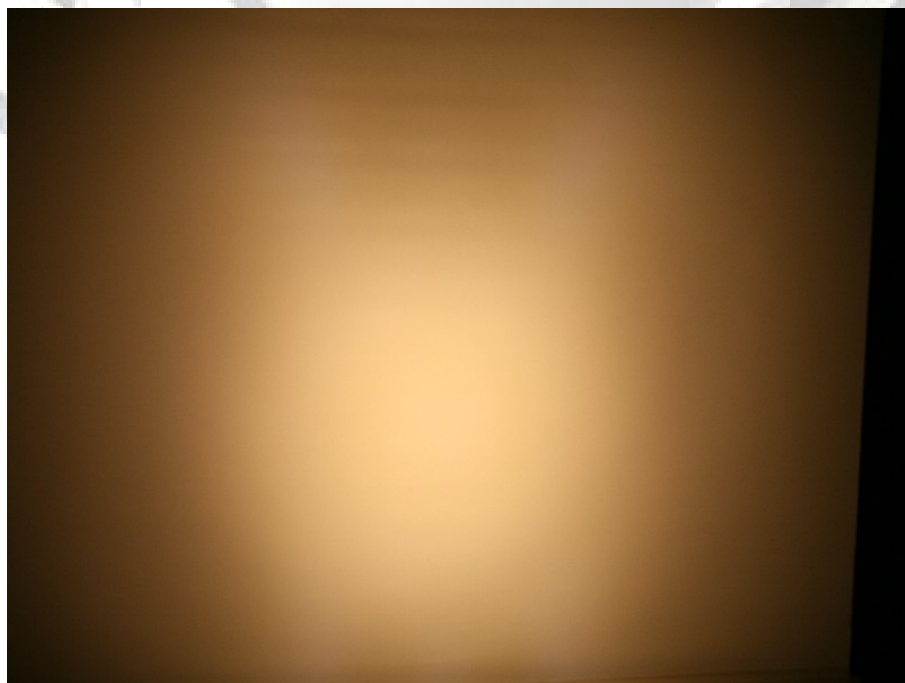
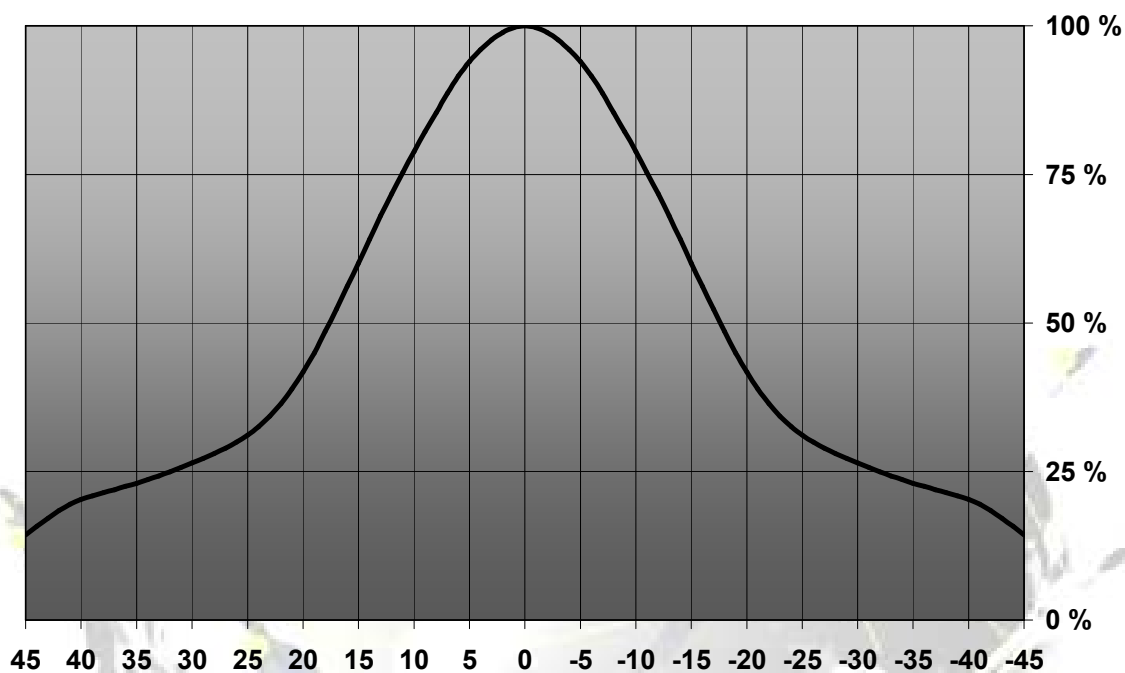
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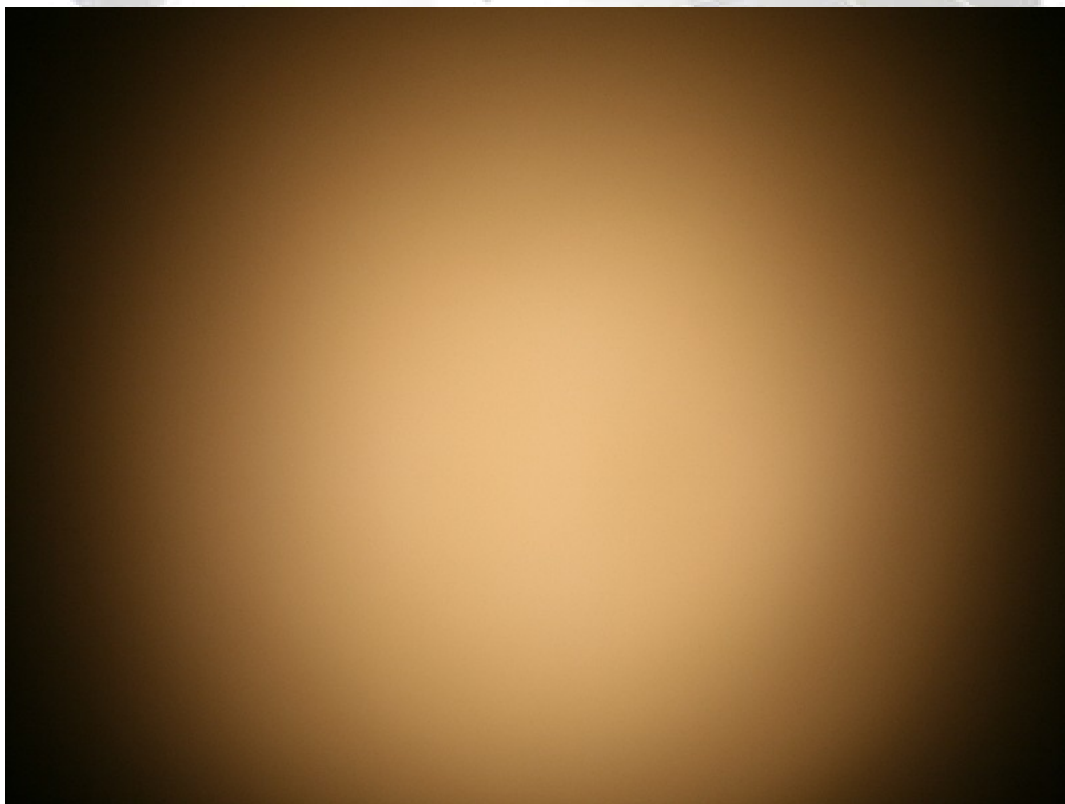
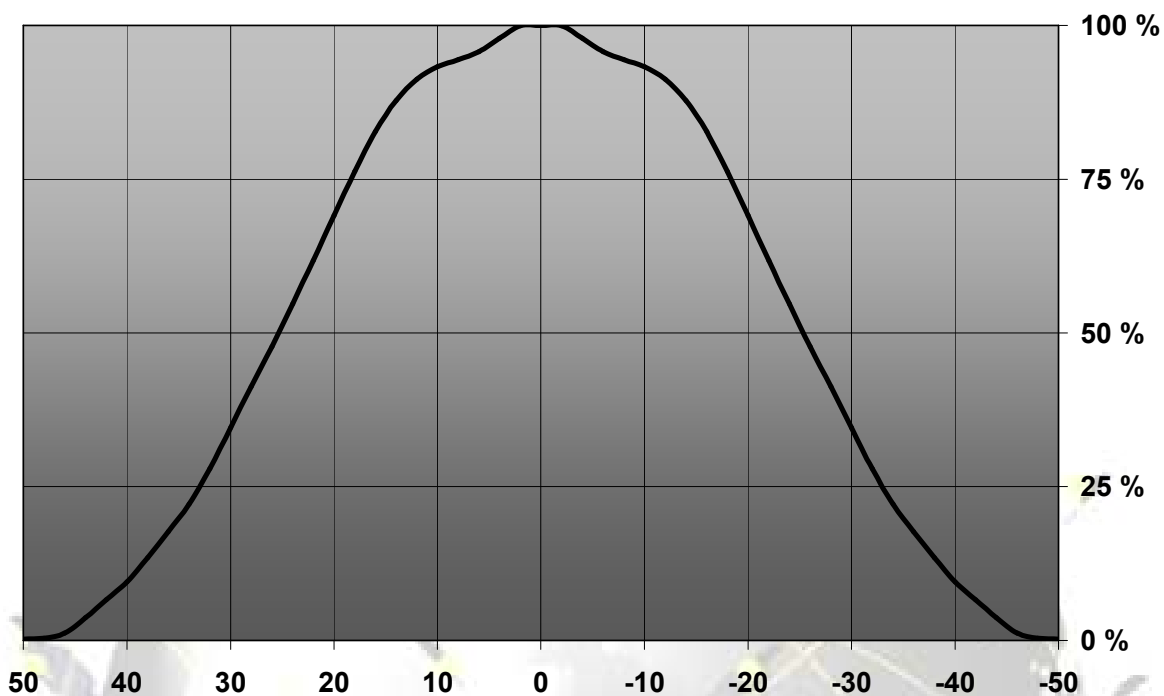
MEASUREMENT DATA

Relative Intensity of C10982_Cindy-L230-S



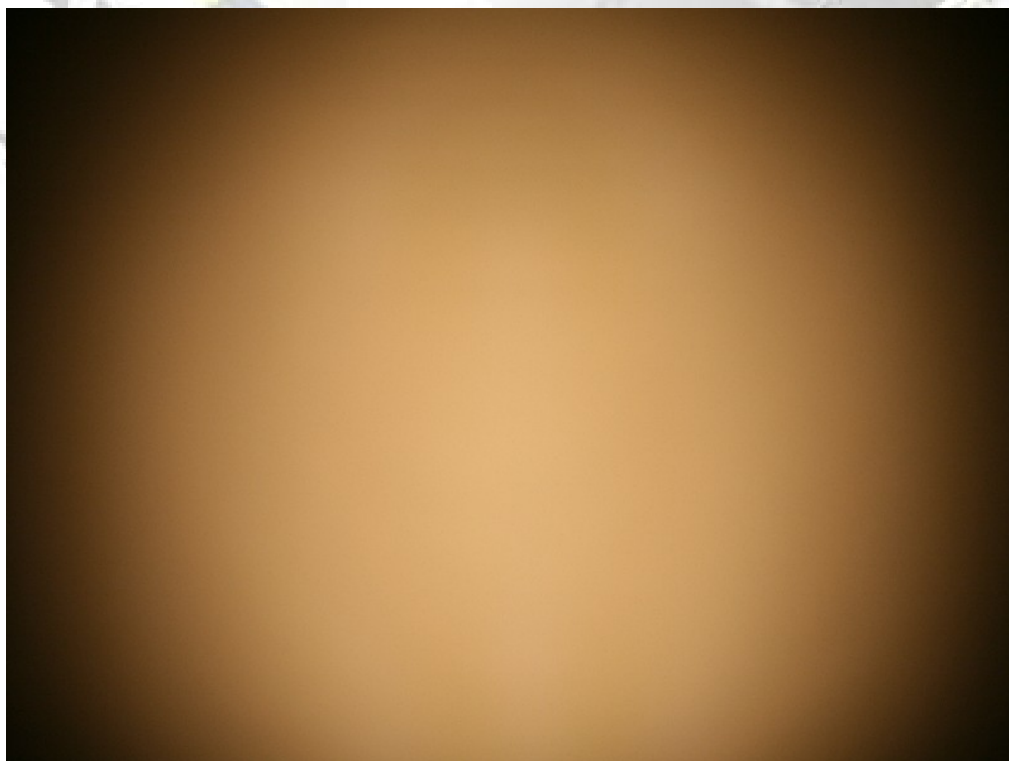
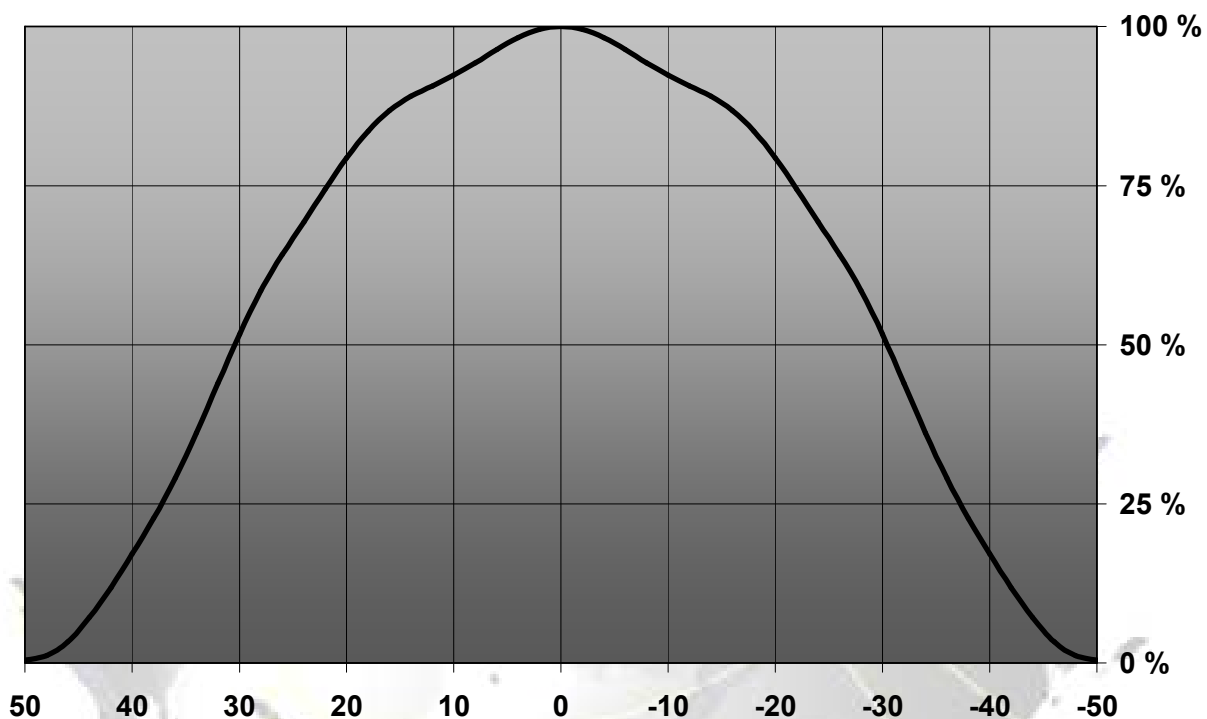
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Relative Intensity of C10983_Cindy-L230-M



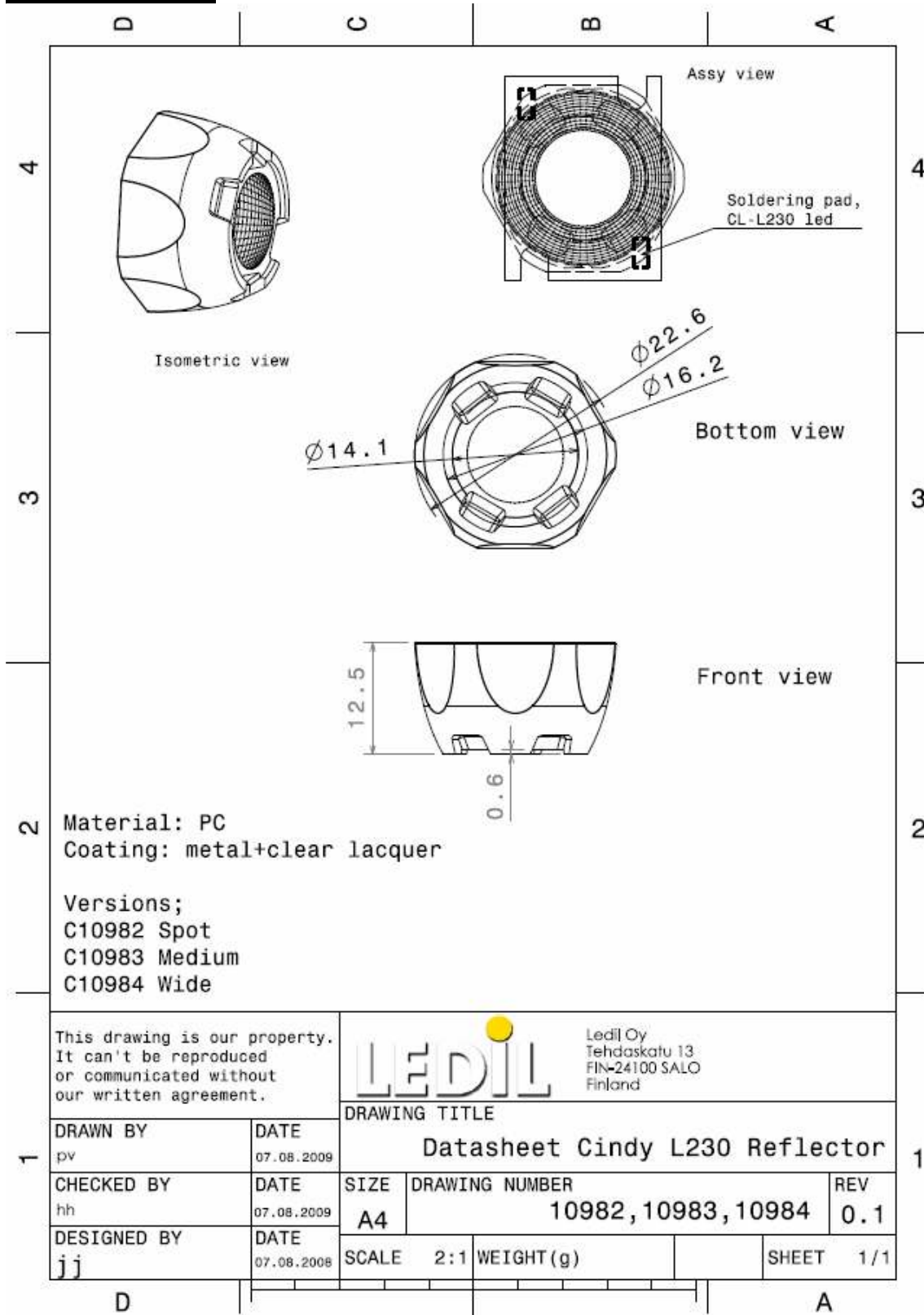
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Relative Intensity of C10984_Cindy-L230-W



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DRAWINGS



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