

TINA-TAPE lenses for NICHIA 183/083 LEDs

- Designed & optimized for Nichia's 183/083 series of LEDs
- Lens material optical grade PC with high UV and temperature resistance (120°C/248°F). Allows use of high current and temperature conditions
- Best available optical efficiency, over 90%, with an extremely good cutoff of light
- Fastening to heat sink with a PU foam adhesive tape of automotive grade (included)
- 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 16.1 x 10.1 mm.

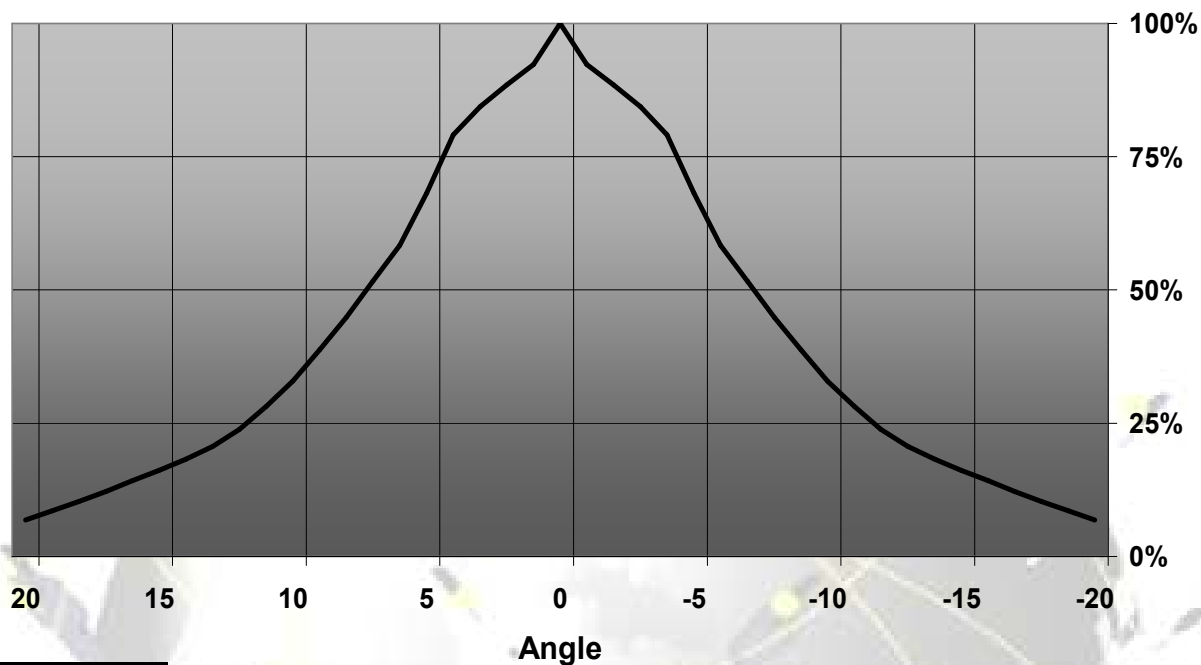
LENS TYPES

NAME	ORDERING CODE	FWHM Angle
Tina-N83 Real Spot	FA10888_Tina-N83-RS	±7°
Tina-N83 Diffuser	FA10646_Tina-N83-D	±9°
Tina-N83 Medium	FA10647_Tina-N83-M	±16°
Tina-N83 Oval	FA11201_Tina-N83-O	±18°x±10°
Tina-N83 Wide	FA10839_Tina-N83-W	±21°
Tina-N83 WW	FA10901_Tina-N83-WW	±31.5°

MEASUREMENTS

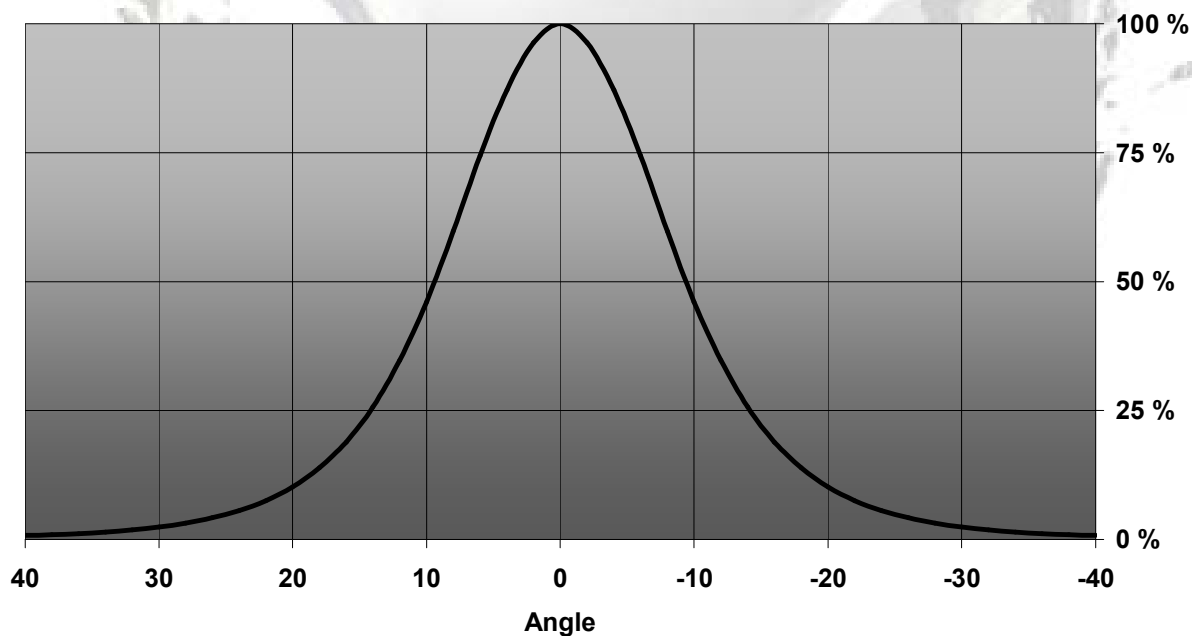
TINA-N83-RS

Relative Intensity of FA10888_Tina-N83-RS



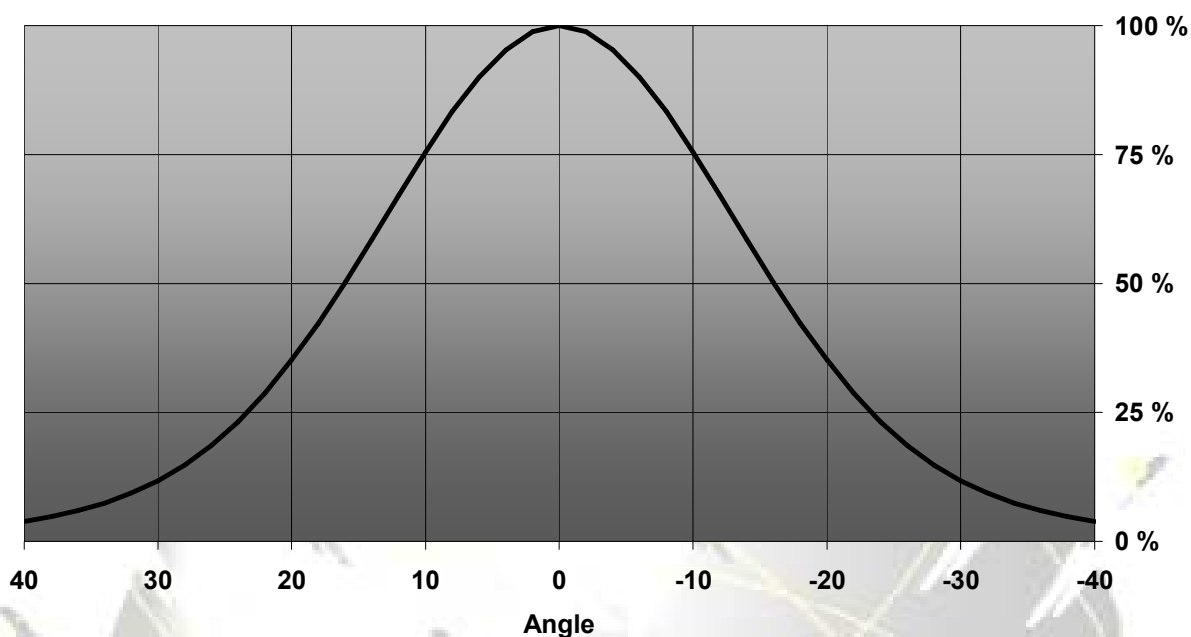
TINA-N83-D

Relative Intensity of Tina-N083-D



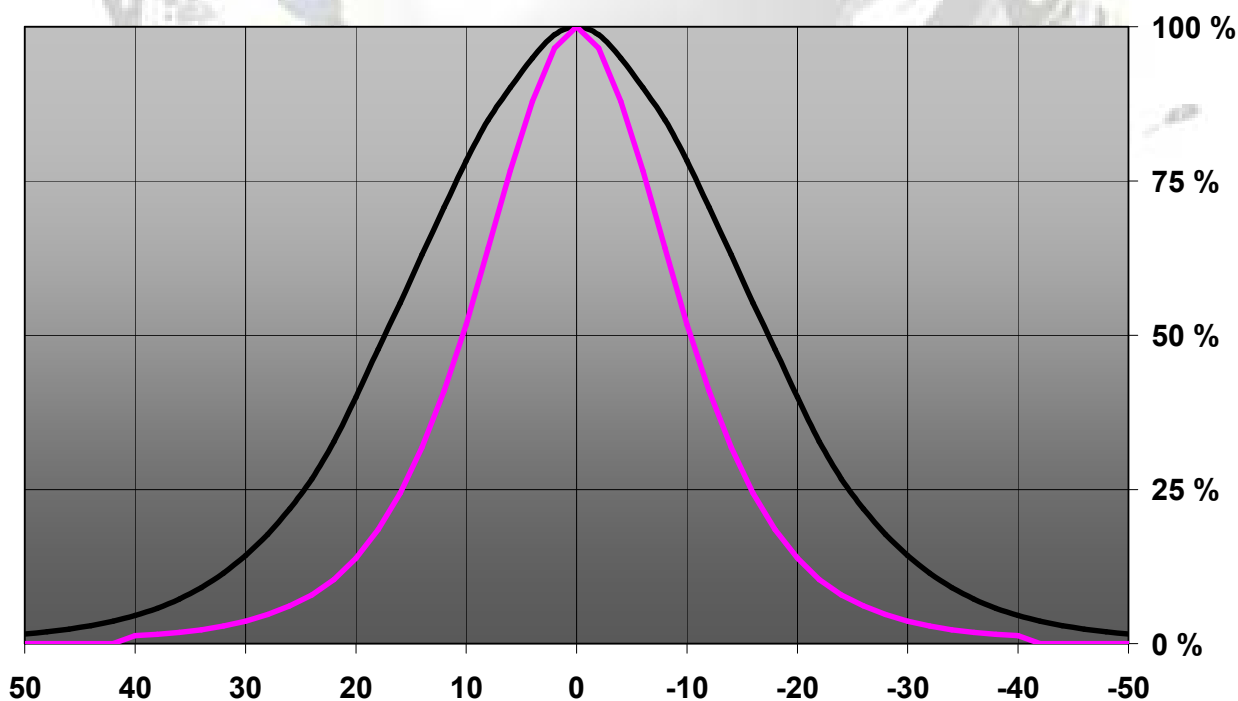
TINA-N83-M

Relative Intensity of Tina-N083-M



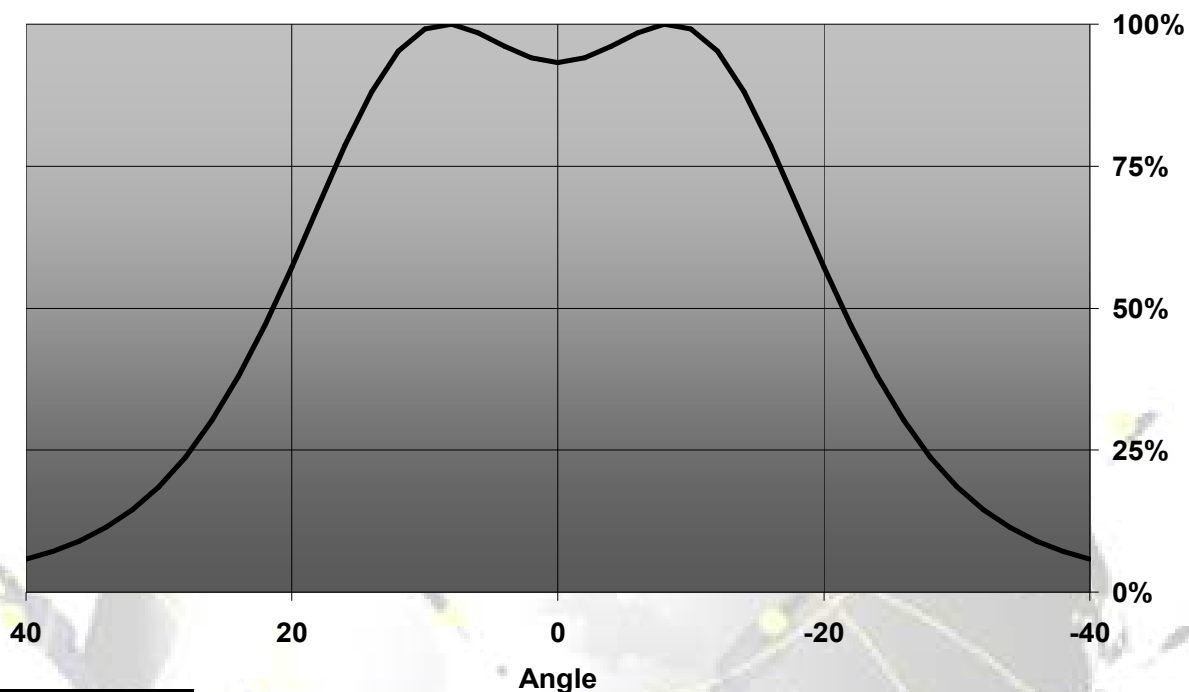
TINA-N83-O

Relative intensity of FA11201_Tina-N83-O



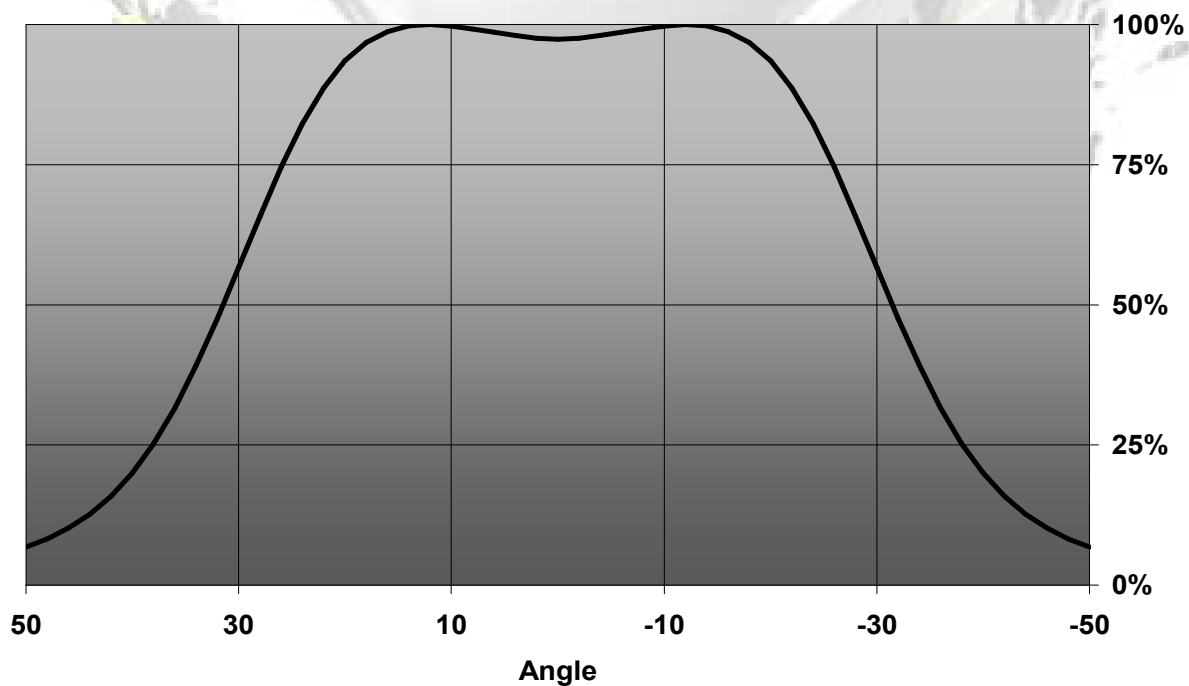
TINA-N83-W

Relative Intensity of FA10839_Tina-N83-W



TINA-N83-WW

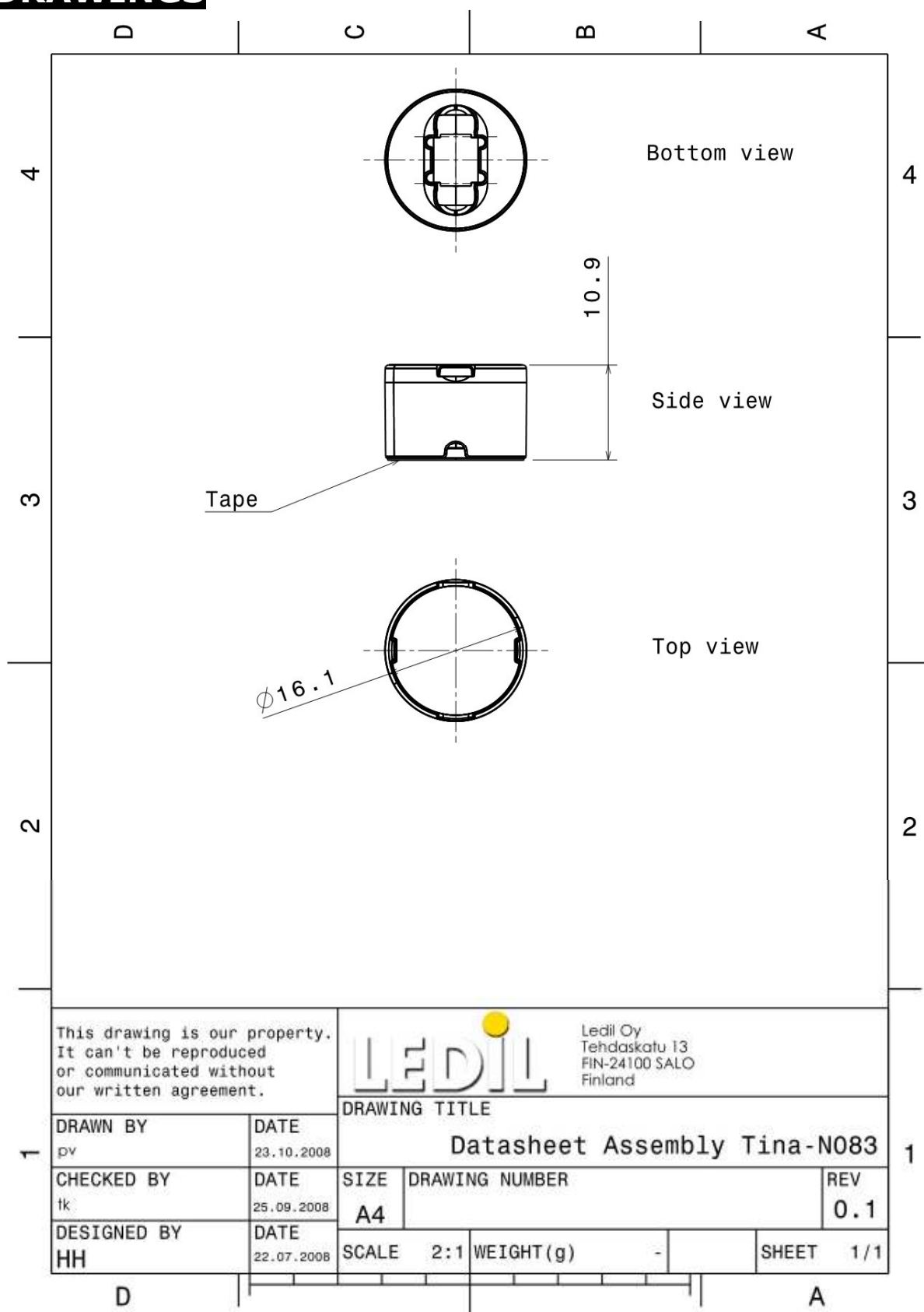
Relative Intensity of FA10901_Tina-N83-WW



EULUMDAT & IES FILES AVAILABLE BY REQUEST

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DRAWINGS



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