

# TINA2-lenses for NICHIA 183/083 (6chip) LEDs



- Designed & optimized for Nichia's 183/083 series of LEDs
- Lens material optical grade PC with high UV and temperature resistance (130°C/220°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)
- Compact dimensions 16.1 x 11 mm.

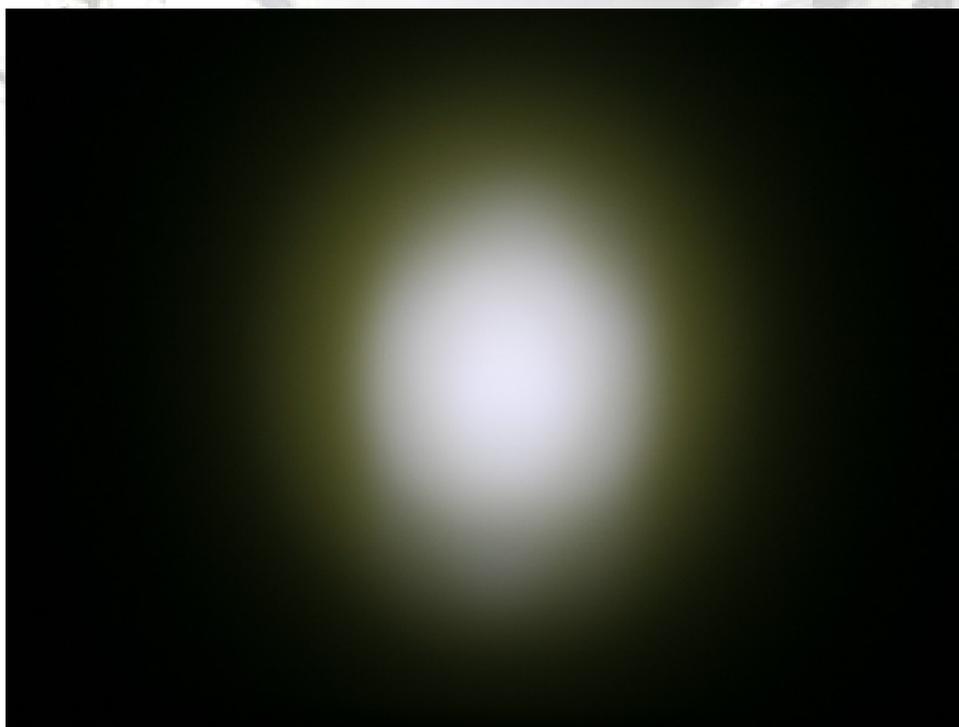
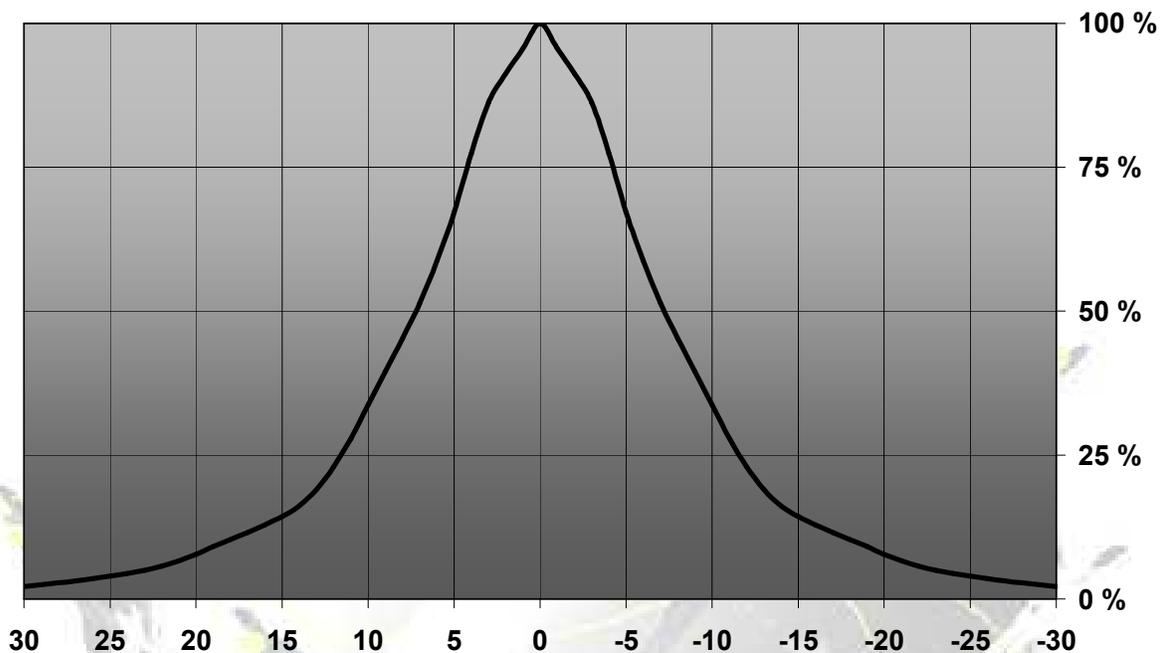
## LENS TYPES

NAME	ORDERING CODE	FWHM Angle
Tina-N83 Real Spot	CA11171_Tina2-RS-6N83	±7°
Tina-N83 Diffuser	CA11172_Tina2-D-6N83	±9°
Tina-N83 Medium	CA11174_Tina2-M-6N83	±15°
Tina-N83 Oval	CA11173_Tina2-O-6N83	±11°x±18°
Tina-N83 Wide	CA11175_Tina2-W-6N83	±20°
Tina-N83 WW	CA11176_Tina2-WW-6N83	±29°

EULUMDAT & IES FILES AVAILABLE BY REQUEST

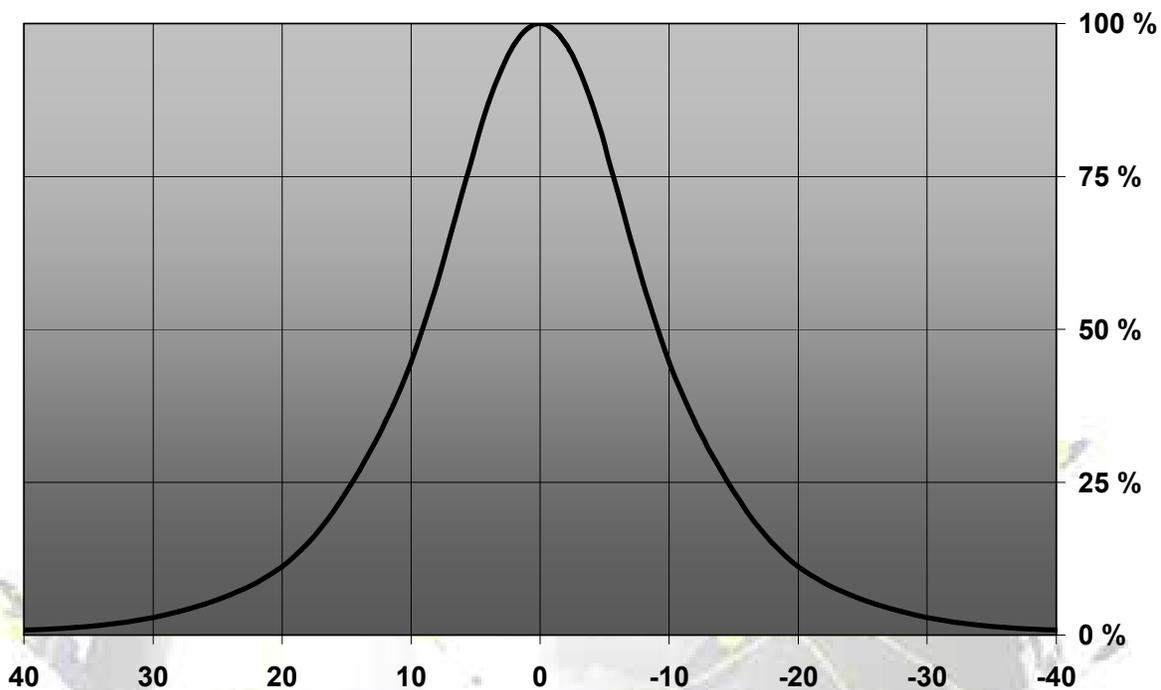
## MEASUREMENTS

Relative Intensity of C11164\_Tina2-RS-6N83



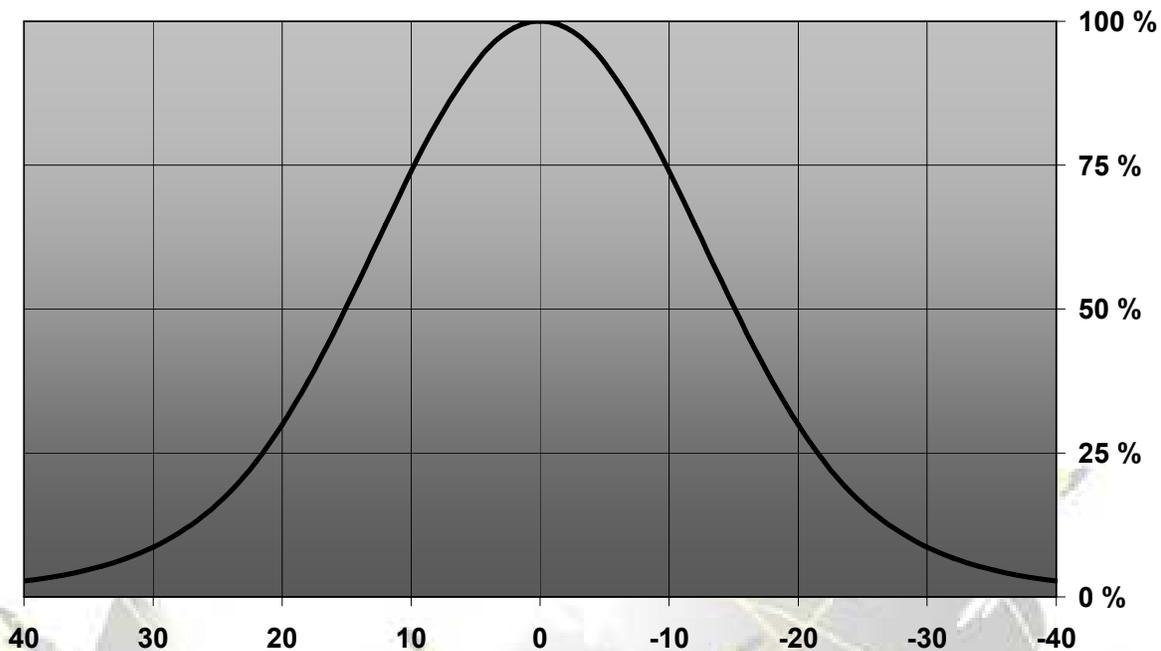
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Relative Intensity of C11165\_Tina2-D-6N83



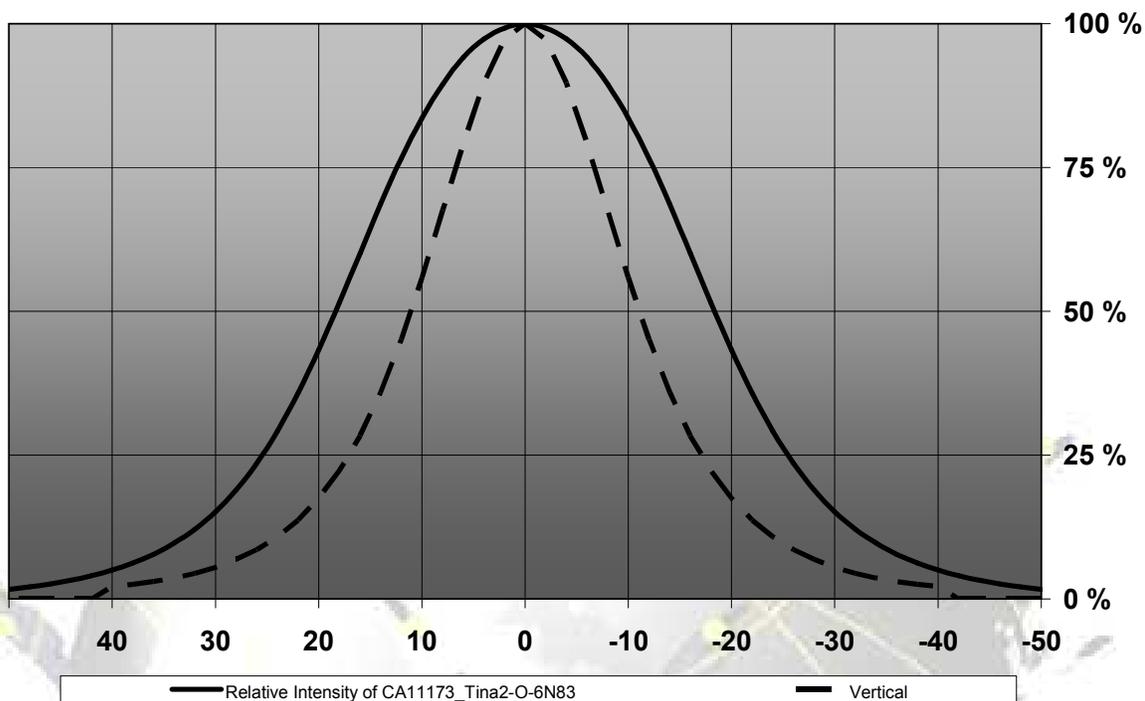
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Relative Intensity of C11167\_Tina2-M-6N83



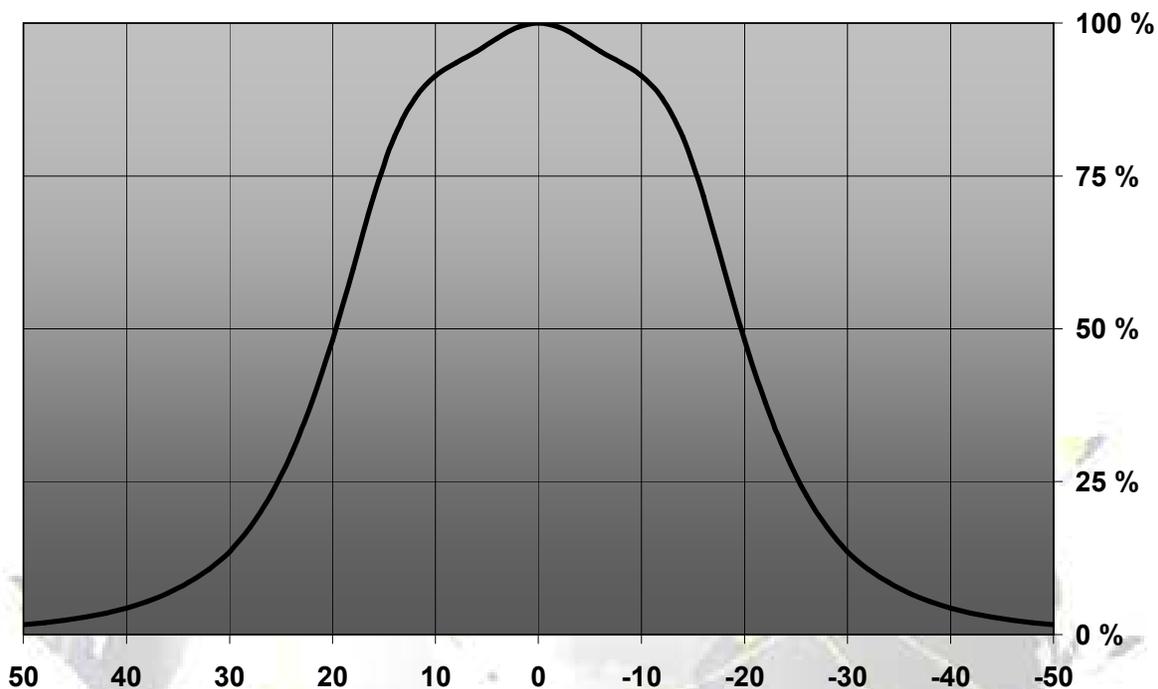
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Relative Intensity of CA11173\_Tina2-O-6N83

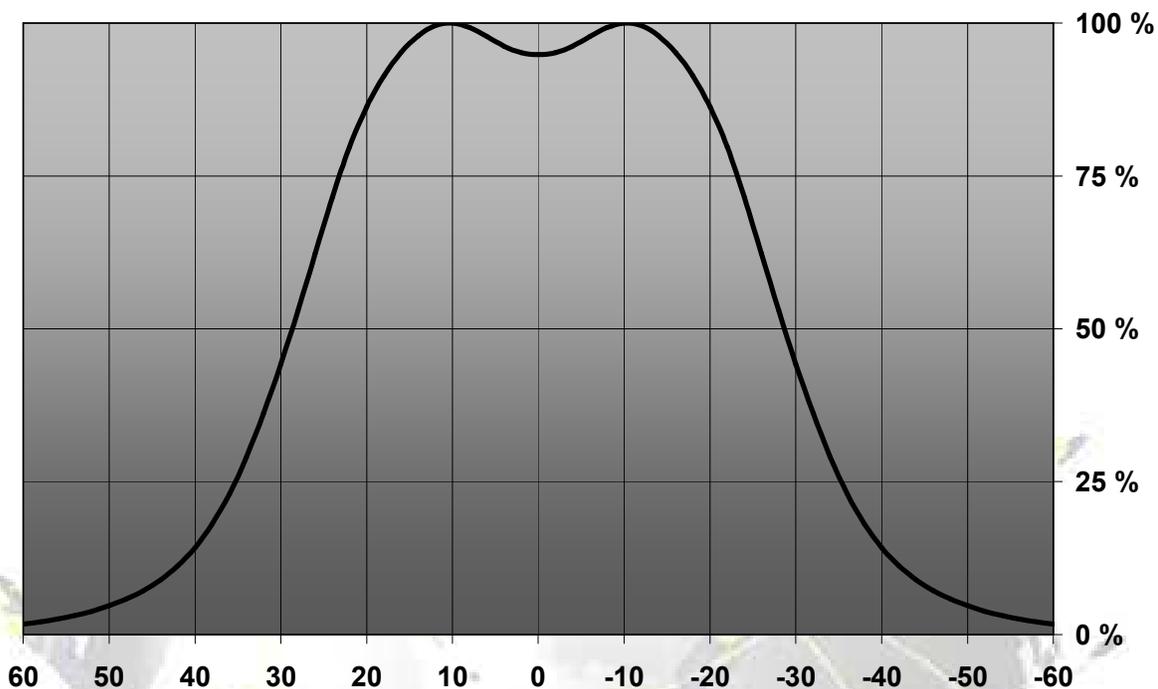


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Relative Intensity of CA11175\_Tina2-W-6N83

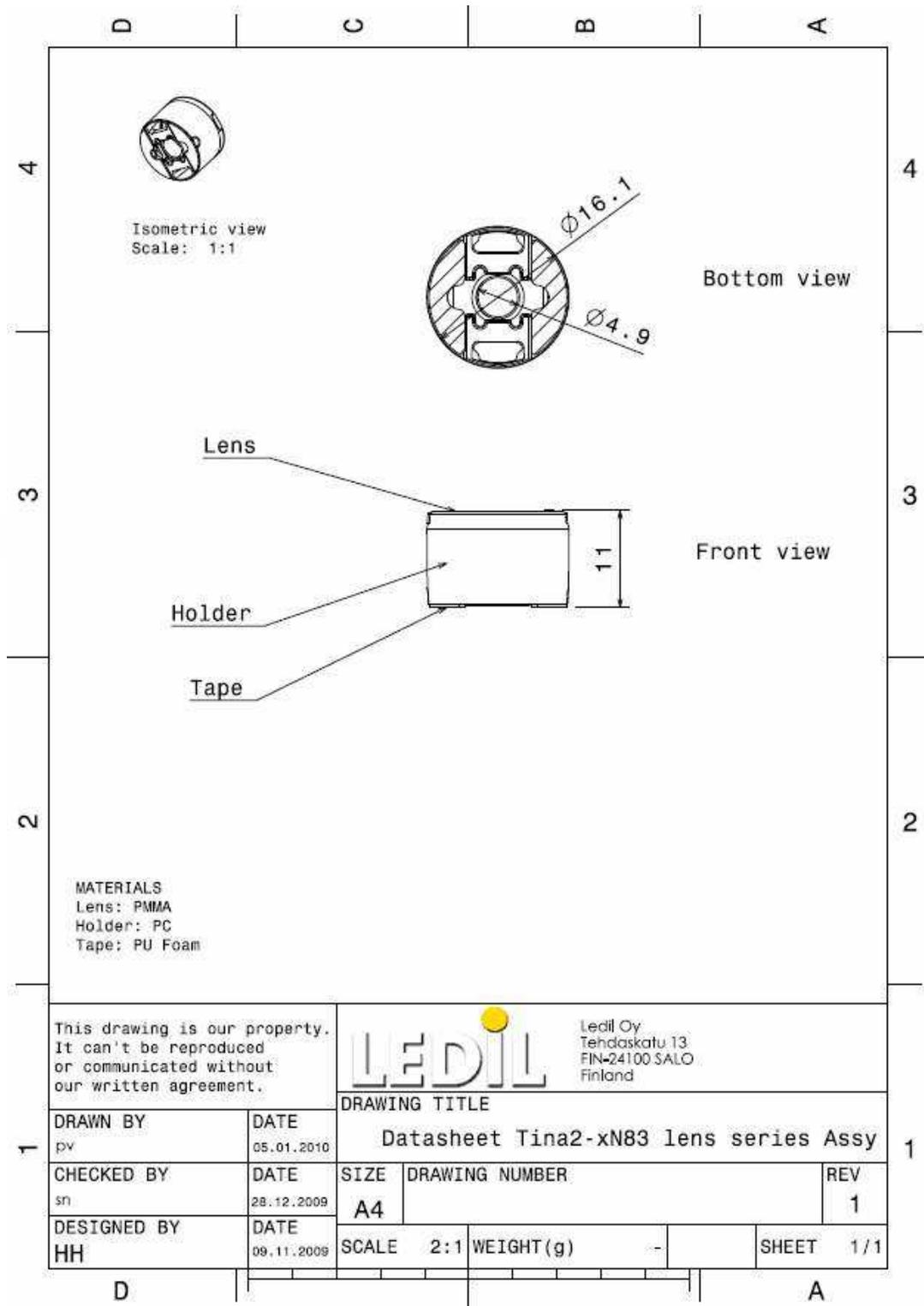


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**Relative Intensity of CA11176\_Tina2-WW-6N83**

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## DRAWINGS



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