

NIS036 SQUARE lenses for Nichia 036 Series



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- Designed & optimized for Nichia Rigel (036) series of LEDs
- Special care taken to make a uniform white or warm white illumination. Lenses work well with other colors, too.
- Compatibel with the Nichia JIGSAW board
- 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, up to 90%, with an extremely good cutoff of light
- Integrated holder. Fastening to PCB (JIGSAW or custom-made) with appropriate glue. 4 pins for exact positioning of lenses. Pins fit with JIGSAW board layout.
- Compact dimensions 21.6 x 21.6 mm. Square form enables easy build of matrix without any gaps between lenses.

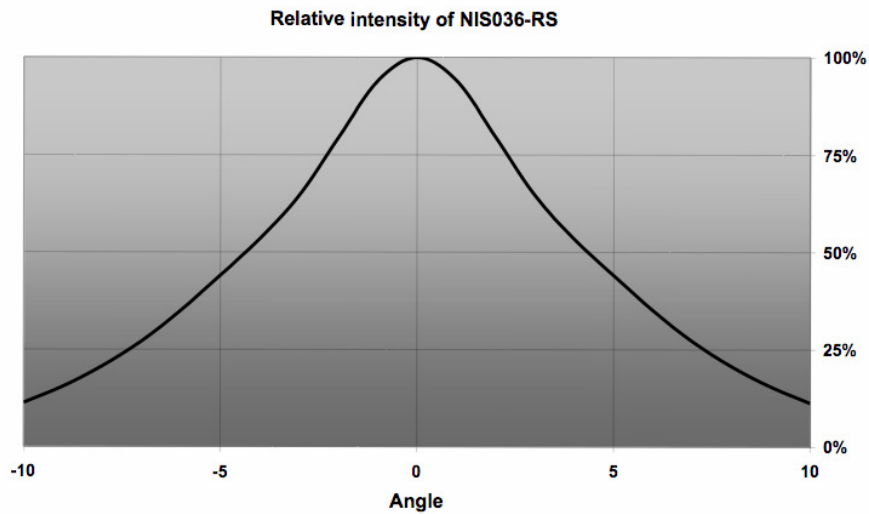
LENS TYPES

NAME	ORDERING CODE	PRELIMINATY DATA ON FWHM Angle
NIS036 REAL SPOT	NIS036-RS (n. CA10595)	±4°
NIS036 SMOOTH SPOT	NIS036-SS (n. CA10594)	±7°
NIS036 MEDIUM	NIS036-M (n. CA10592)	±14°
NIS036 DIFFUSER	NIS036-D (n. CA10593)	±8°
NIS036 OVAL	NIS036-O (n. CA10596)	±5° x ±25°
NIS036 WIDE	NIS036-W (n. CA10624)	±34°

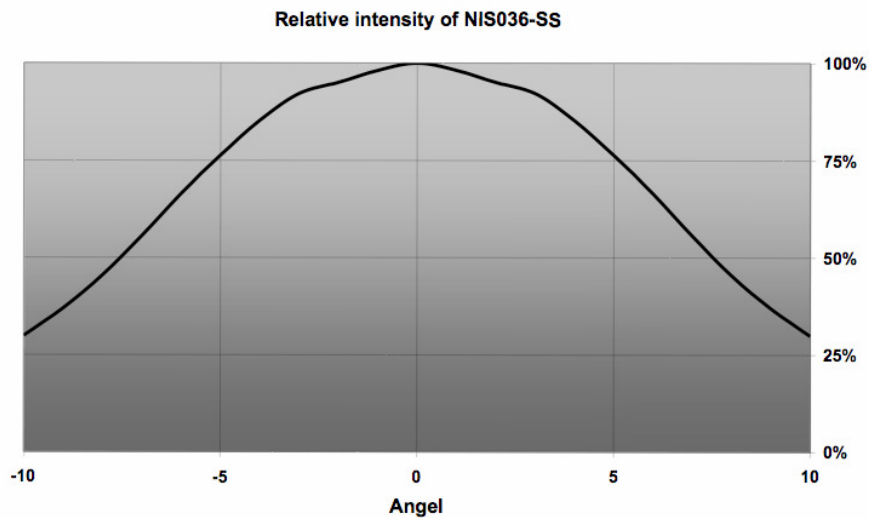
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MEASUREMENTS

NIS036-RS

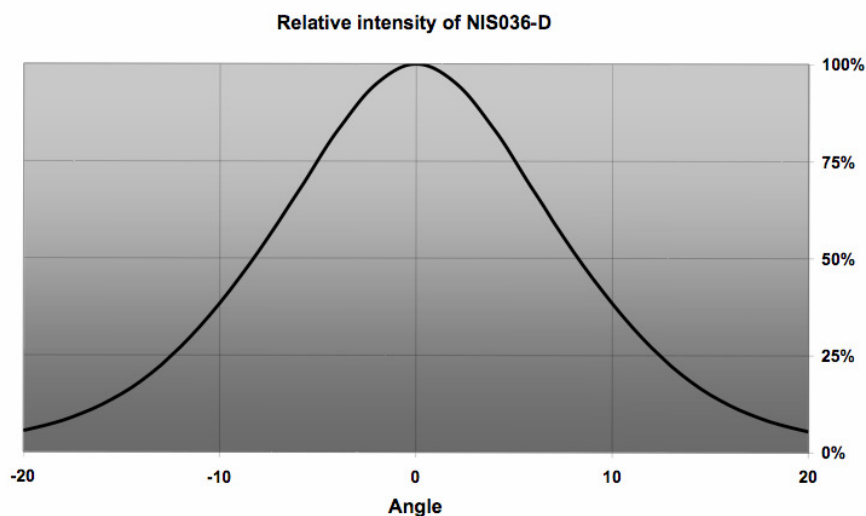


NIS036-SS

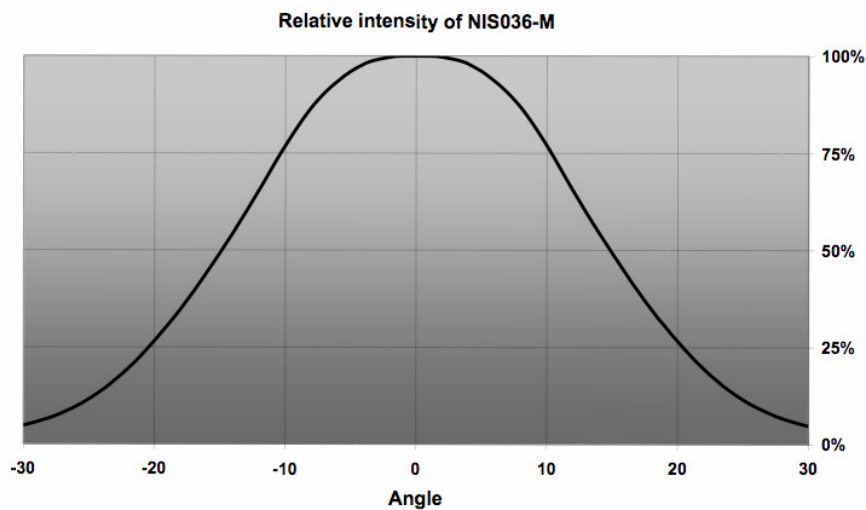


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NIS036-D

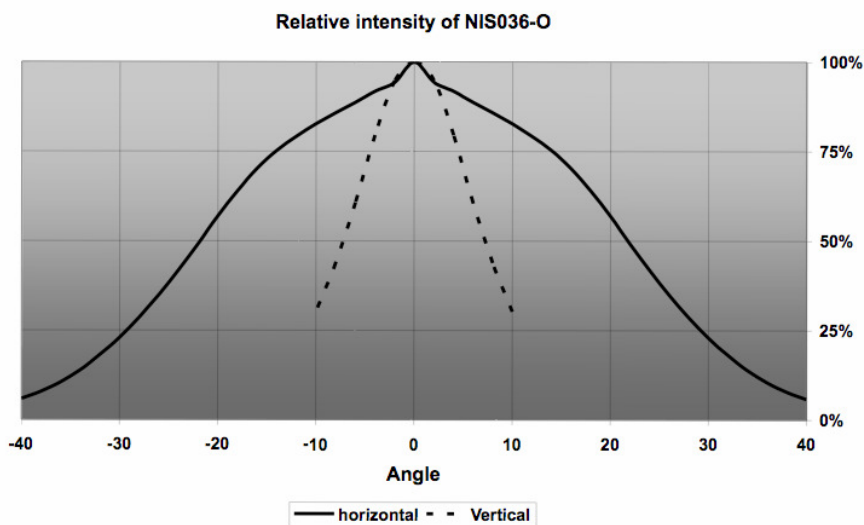


NIS036-M

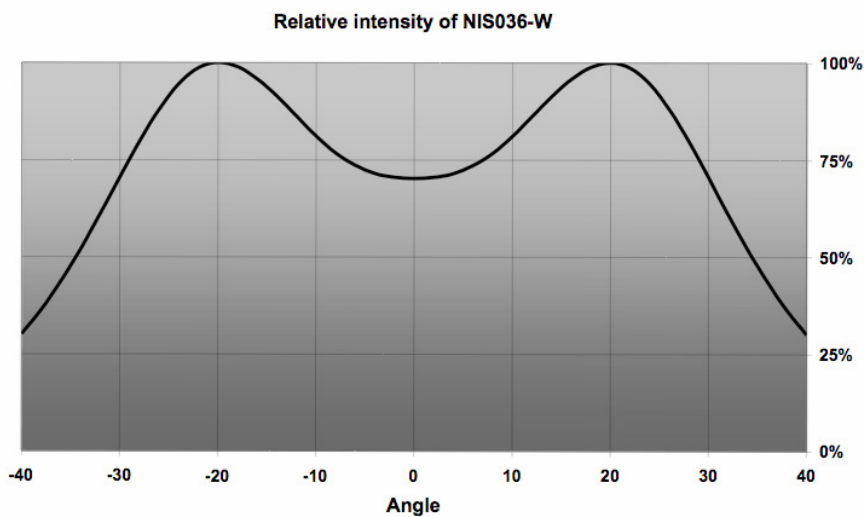


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NIS036-O



NIS036-W

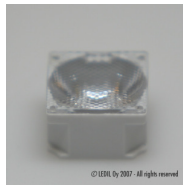


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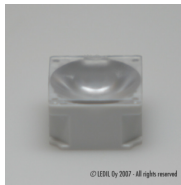
PHOTOS



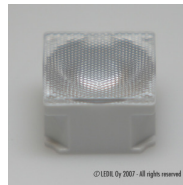
NIS036-RS



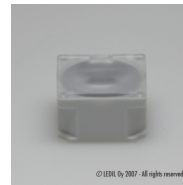
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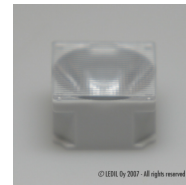
NIS036-D



NIS036-M

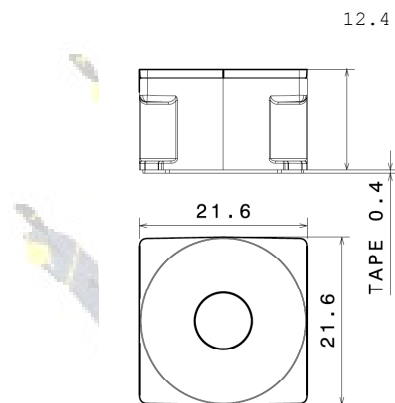


NIS036-W



NIS036-O

DIMENSIONS



PACKAGING



NIS036 lens holders are delivered on adhesive tape liner sheets, each sheet containing 60 lenses. Lenses are delivered separately. This is to ease the assembly: Rigel ceramic package has so low profile that a proper guidance without seeing is not possible.

SPECIAL VERSIONS

Special versions available on request, e.g. different lens holder colors or packaging sizes.

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