Lisa2-Pin-N119 miniature lens for Nichia N119 series of LEDs

NICHIA
www.nichia.com

- Lens material optical grade PMMA with high UV and temperature resistance (105°C/220°F). Lens holder molded of high quality black PC.
- High optical efficiency, up to 90%.
- Integrated holder with small position pins, see drawing below for more details. Fastening of holden to PCB with appropriate adhesive, e.c. epoxy or polyurethane based. NOTE: DO NOT USE SUPERGLUE.
- Very small and compact dimensions: Diameter 9.9 mm, height 6.8 mm

LENS TYPES

NAME	ORDERING CODE	FWHM Angle
Lisa2-Pin Real Spot	XXXXXX_Lisa2-RS-Pin-N119	~±5.5°
Lisa2-Pin Medium	FA10998_Lisa2-M-Pin-N119	~±12°
Lisa2-Pin Oval	FA11127_Lisa2-O-Pin-N119	~±5° x ~±16°
Lisa2-Pin Wide	FA10999_Lisa2-W-Pin-N119	~±20°

~ results are based on simulation value.

MEASUREMENT DATA

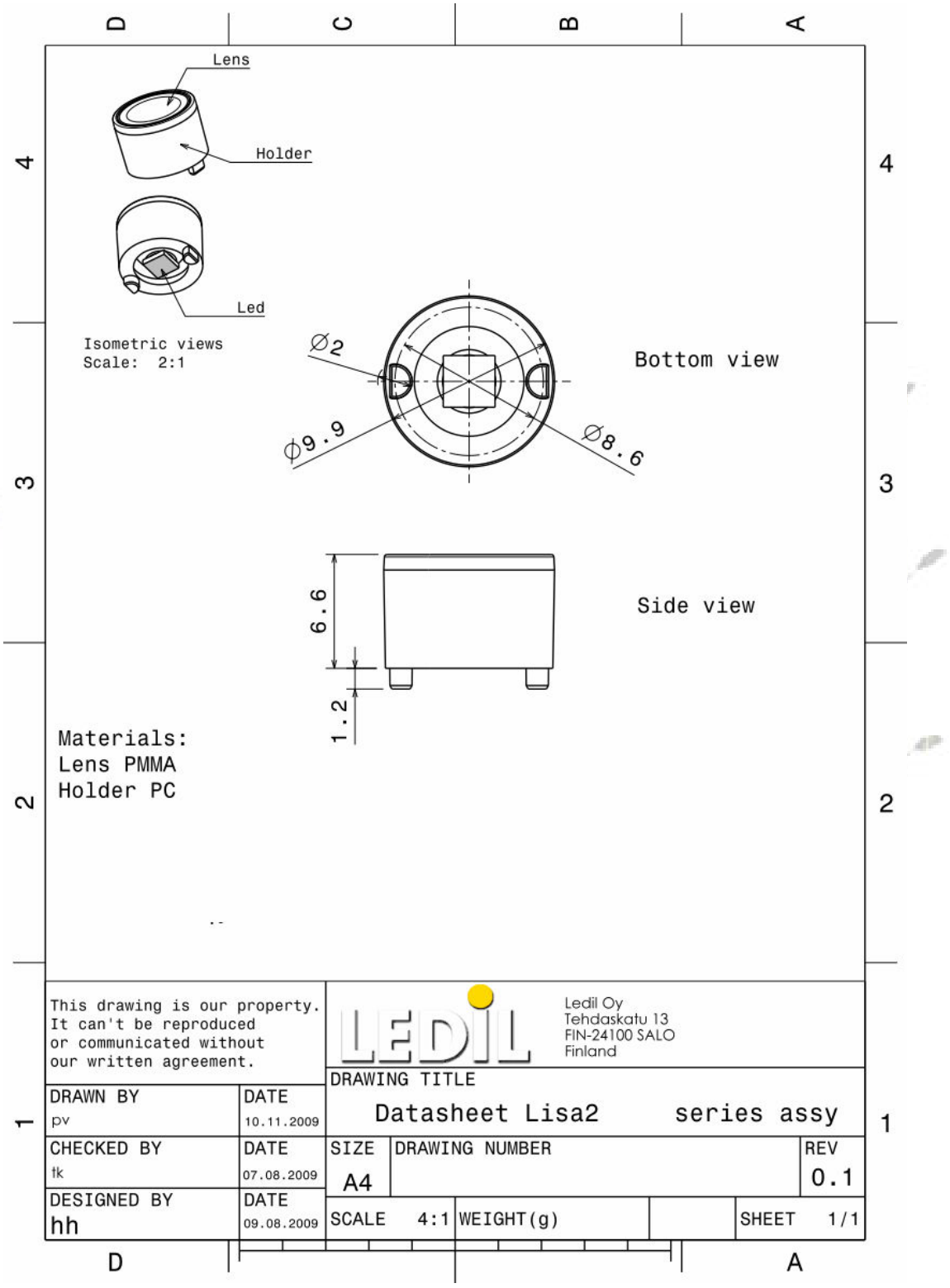
Coming soon

© Ledil Oy – PRELIMINARY - Subject to change without prior notice

Ledil Oy
Tehdaskatu 13
FIN-24100 SALO, Finland

www.ledil.com
email: ledil@ledil.com
FAX: +358-2-733 8001

DRAWINGS



© Ledil Oy – PRELIMINARY - Subject to change without prior notice

Ledil Oy
Tehdaskatu 13
FIN-24100 SALO, Finland

www.ledil.com
email: ledil@ledil.com
FAX: +358-2-733 8001