

LISA2-O-PIN

~45° x 20° oval beam. 7.13 mm high variant with location pin installation.

SPECIFICATION:

Dimensions	Ø 10.0 mm
Height	6.8 mm
Fastening	pin
ROHS compliant	yes ⓘ

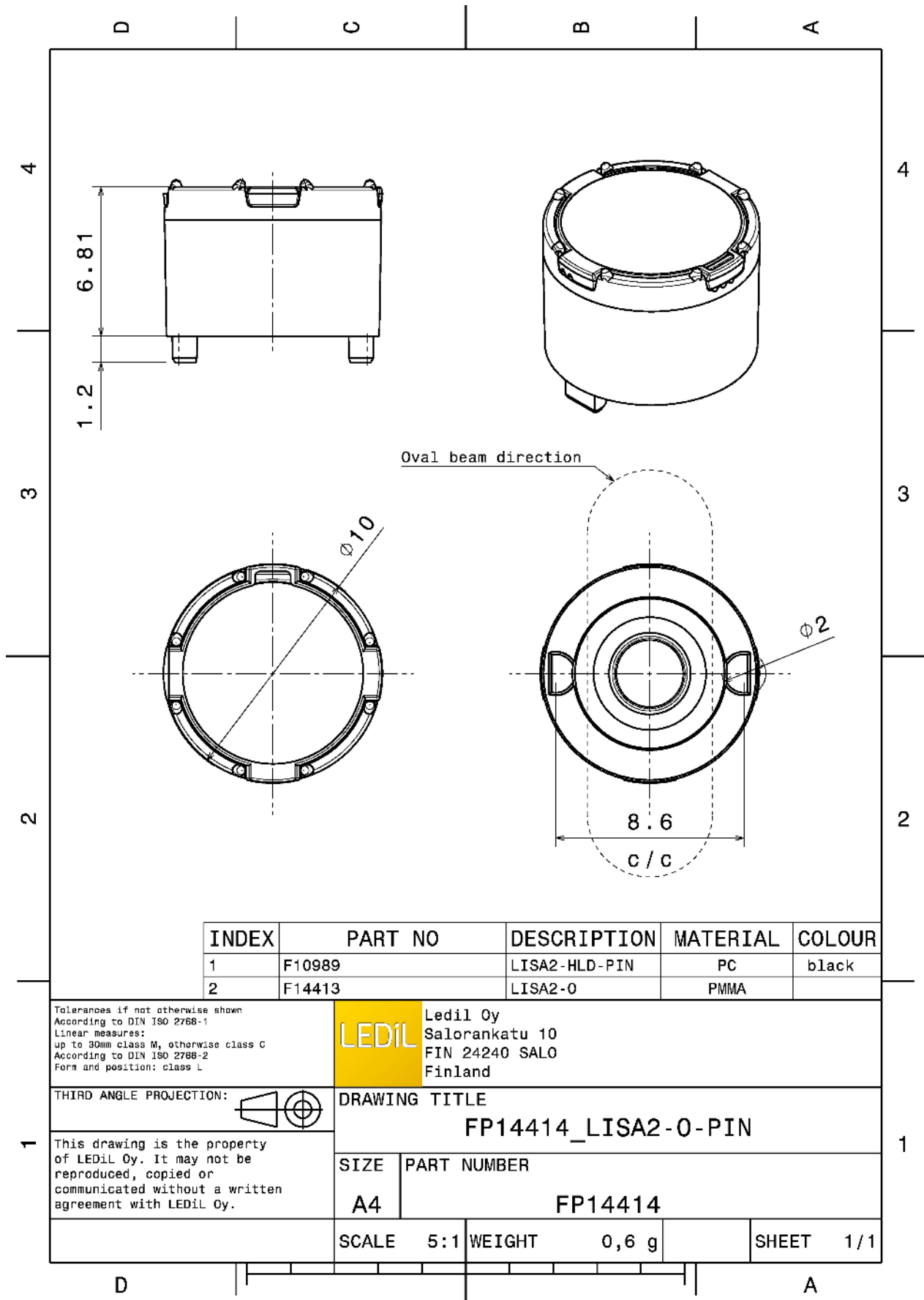


MATERIALS:

Component	Type	Material	Colour	Finish
LISA2-O	Single lens	PMMA	clear	
LISA2-HLD-PIN	Holder	PC	black	

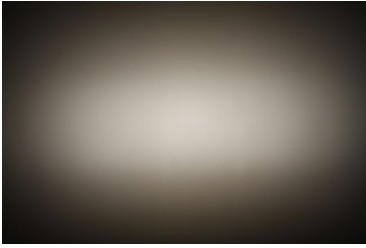
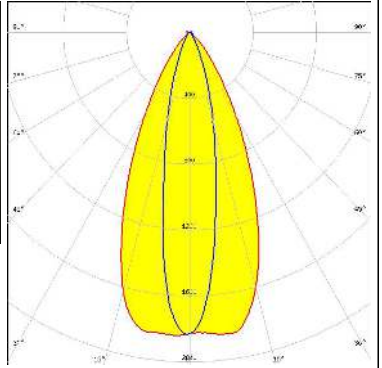
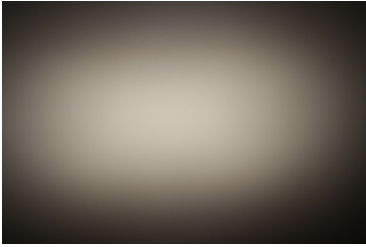
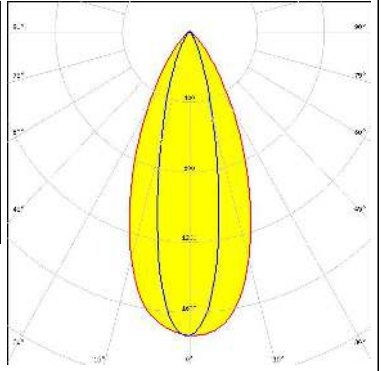
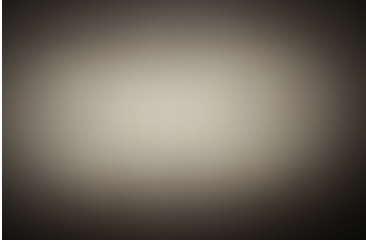
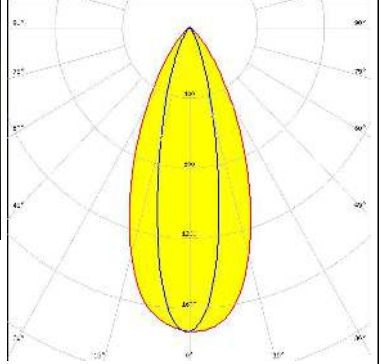
ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
FP14414_LISA2-O-PIN	Single lens	2000		100	1.4
» Box size:					

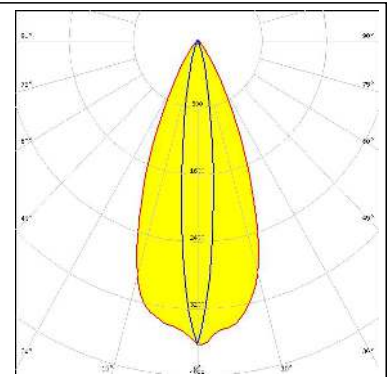
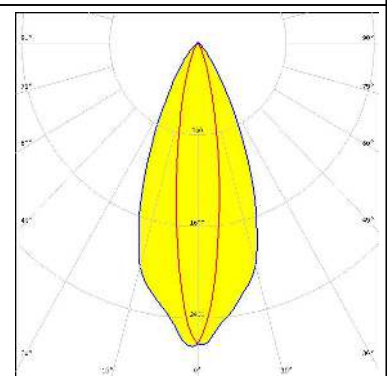
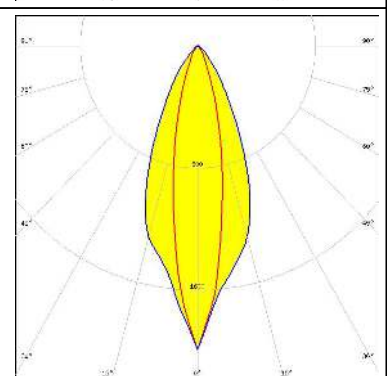
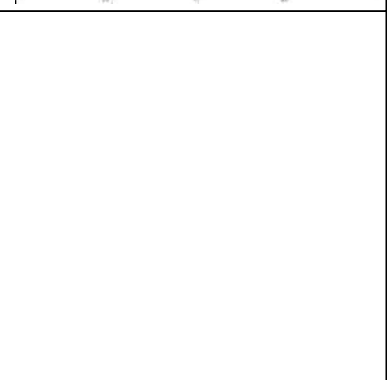


See also our general installation guide: www.ledil.com/installation_guide

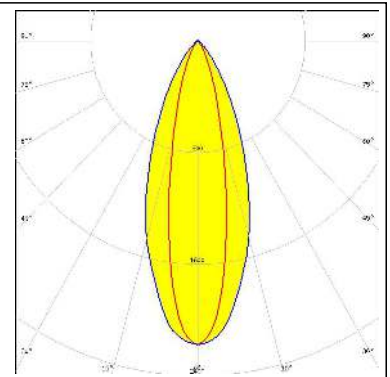
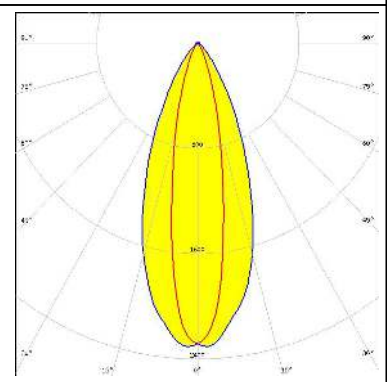
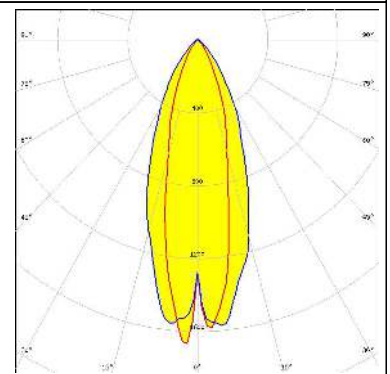
OPTICAL RESULTS (MEASURED):

<p>NICHIA</p> <p>LED NCSxx19B FWHM / FWTM 49.0 + 21.0° / 80.0 + 48.0° Efficiency 77 % Peak intensity 1.8 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>OSRAM <small>Opto Semiconductors</small></p> <p>LED OSLON Square EC FWHM / FWTM 47.0 + 25.0° / 82.0 + 52.0° Efficiency 75 % Peak intensity 1.7 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>OSRAM <small>Opto Semiconductors</small></p> <p>LED OSLON Square EC FWHM / FWTM 47.0 + 25.0° / 82.0 + 52.0° Efficiency 75 % Peak intensity 1.7 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		

OPTICAL RESULTS (SIMULATED):

<p>CREE → LED</p> <p>LED: XQ-E HI FWHM / FWTM: 43.0 + 13.0° / 69.0 + 30.0° Efficiency: 86 % Peak intensity: 3.6 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>LUMILEDS</p> <p>LED: LUXEON IR 2720 FWHM / FWTM: 17.0 + 43.0° / 40.0 + 72.0° Efficiency: 84 % LEDs/each optic: 1 Light colour: IR Required components:</p>	
<p>LUMILEDS</p> <p>LED: LUXEON IR 2720 FWHM / FWTM: 20.0 + 42.0° / 46.0 + 76.0° Efficiency: 72 % LEDs/each optic: 1 Light colour: IR Required components:</p>	
<p>LUMILEDS</p> <p>LED: LUXEON IR Compact FWHM / FWTM: 41.0 + 15.0° / 69.0 + 34.0° Efficiency: 77 % LEDs/each optic: 1 Light colour: White Required components:</p>	

OPTICAL RESULTS (SIMULATED):

<p>LUMILEDS</p> <p>LED: LUXEON TX</p> <p>FWHM / FWTM: 22.0 + 40.0° / 50.0 + 76.0°</p> <p>Efficiency: 82 %</p> <p>Peak intensity: 2.2 cd/lm</p> <p>LEDs/each optic: 1</p> <p>Light colour: White</p> <p>Required components:</p>	
<p>LUMINUS</p> <p>LED: SST-20</p> <p>FWHM / FWTM: 20.0 + 42.0° / 46.0 + 76.0°</p> <p>Efficiency: 82 %</p> <p>Peak intensity: 2.3 cd/lm</p> <p>LEDs/each optic: 1</p> <p>Light colour: White</p> <p>Required components:</p>	
<p>SEMI SEOUL SEMICONDUCTOR</p> <p>LED: Z8Y22P</p> <p>FWHM / FWTM: 40.0 + 25.0° / 81.0 + 58.0°</p> <p>Efficiency: 75 %</p> <p>Peak intensity: 1.7 cd/lm</p> <p>LEDs/each optic: 1</p> <p>Light colour: White</p> <p>Required components:</p>	

GENERAL INFORMATION:

NOTE: The typical beam angle will be changed by different color, chip size and chip position tolerance. The typical total beam angle is the full angle measured where the luminous intensity is half of the peak value.

MATERIALS:

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LEDiL Oy

Joensuunkatu 13
FI-24240 SALO
Finland

LEDiL Inc.

228 West Page Street
Suite D
Sycamore IL 60178
USA

Ledil Optics Technology (Shenzhen) Co., Ltd.

405 , Block B
Casic Motor Building
Shenzhen 518057
P.R.CHINA

Local sales and technical support

[www.ledil.com/
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