

LISA2-O-PIN

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

TECHNICAL SPECIFICATIONS:

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

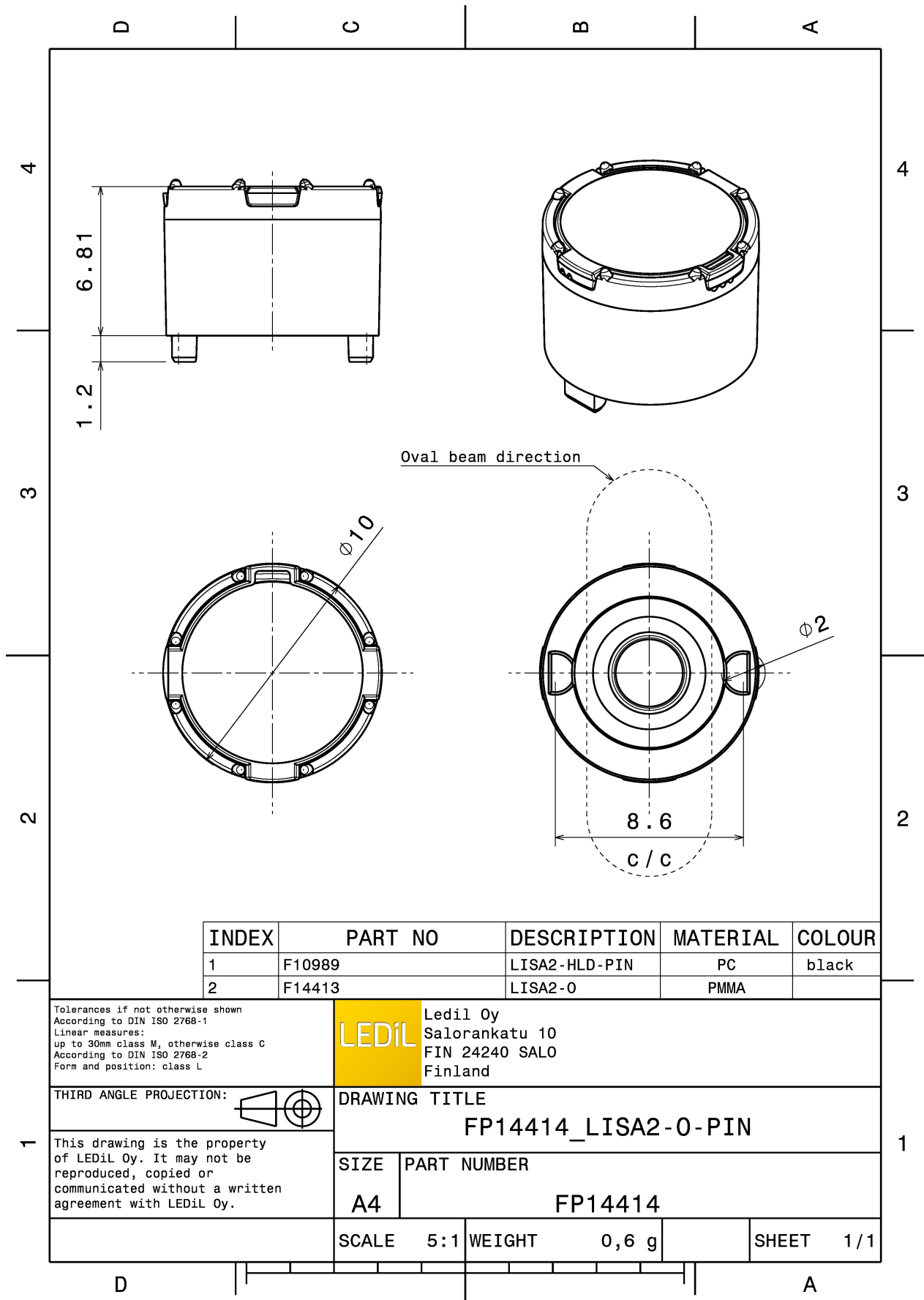


MATERIAL SPECIFICATIONS:

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

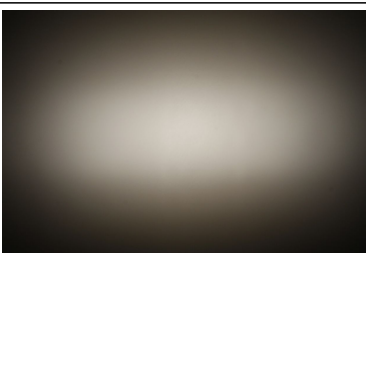
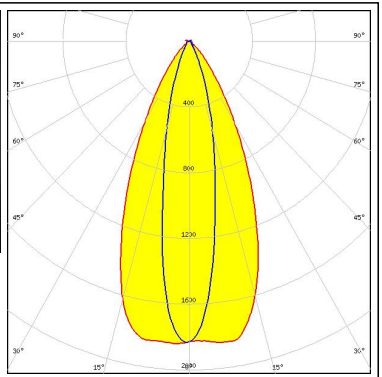

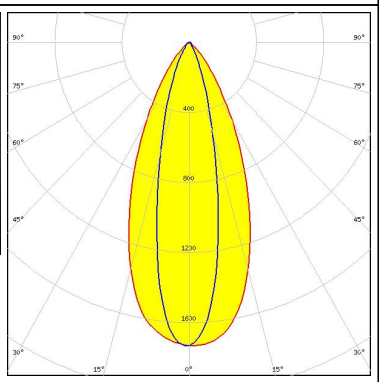

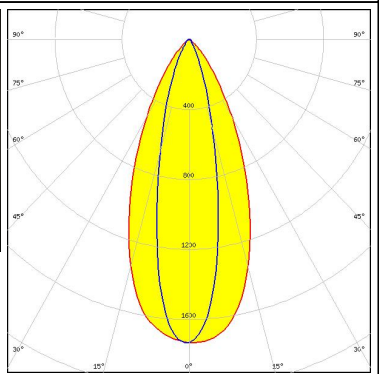
ORDERING INFORMATION:

Component	Type	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

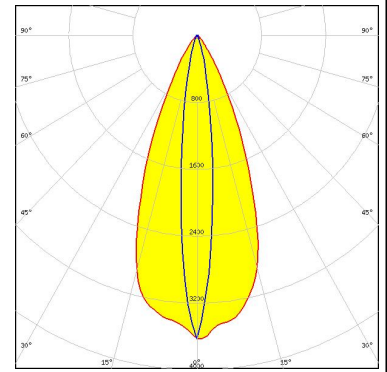
PHOTOMETRIC DATA (MEASURED):

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

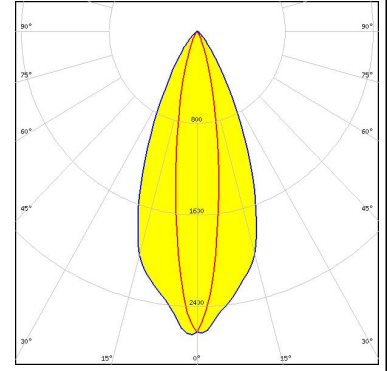
PHOTOMETRIC DATA (SIMULATED):



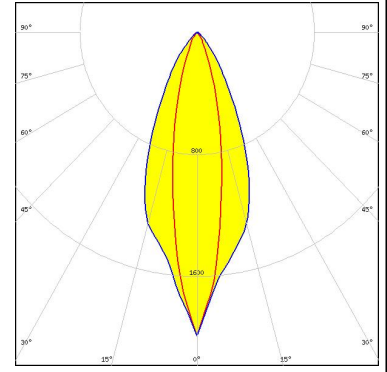
LED XQ-E HI
 FWHM / FWTM 43.0 + 13.0° / 69.0 + 30.0°
 Efficiency 86 %
 Peak intensity 3.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



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:



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:



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:

PHOTOMETRIC DATA (SIMULATED):

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