

## LARISA-O-PIN

~40° x 20° oval beam and holder with location pins

### SPECIFICATION:

Dimensions	9.9 x 9.9 mm
Height	7.5 mm
Fastening	glue, pin
ROHS compliant	yes ⓘ

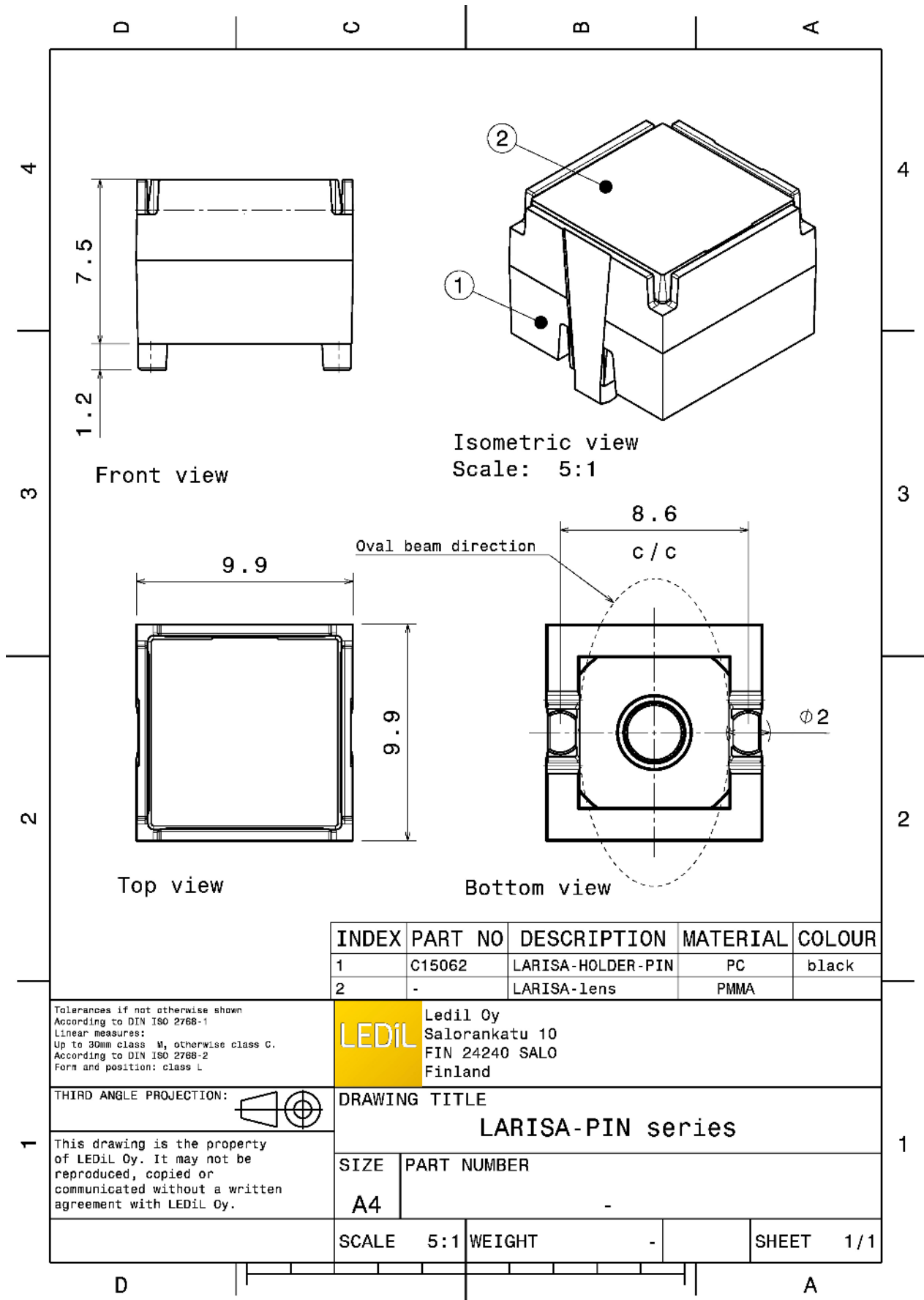
### MATERIALS:

Component	Type	Material	Colour	Finish
LARISA-O	Single lens	PMMA	clear	
LARISA-HOLDER-PIN	Holder	PC	black	

### ORDERING INFORMATION:

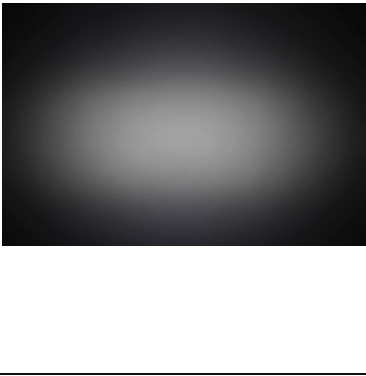
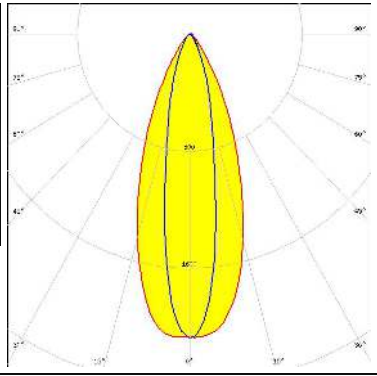
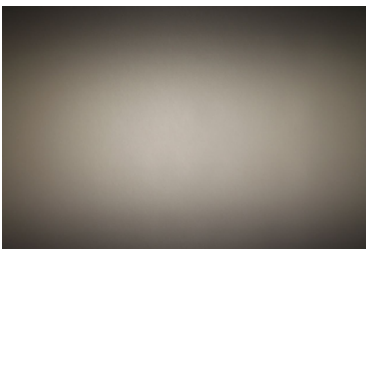
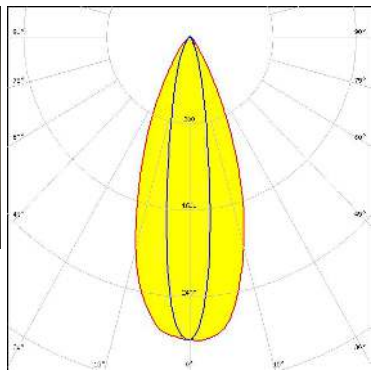

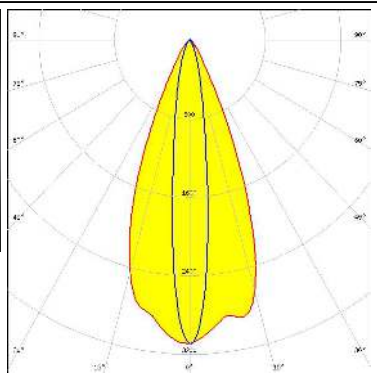

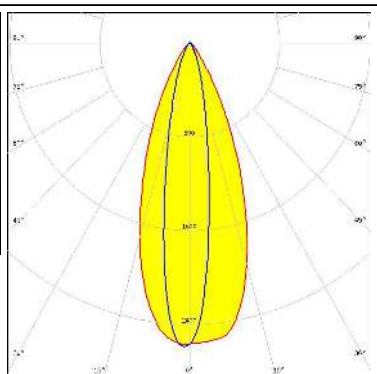
Component		Qty in box	MOQ	MPQ	Box weight (kg)
CP15306_LARISA-O-PIN	Single lens	10000	300	100	7.1
» Box size: 300 x 250 x 250 mm					




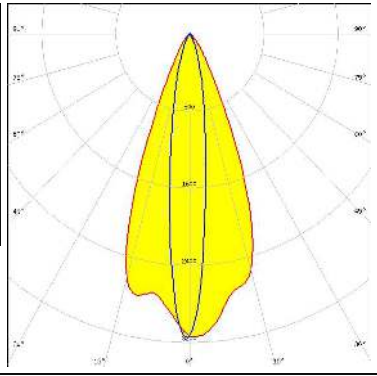

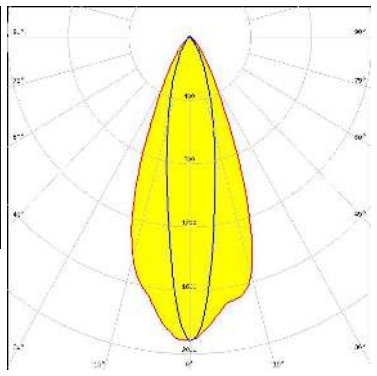

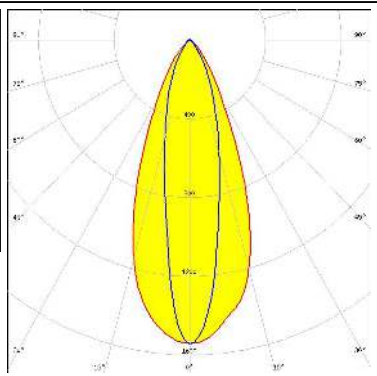

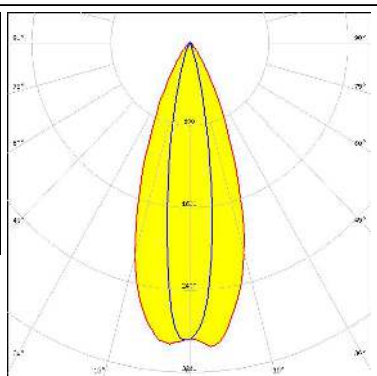


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

#### OPTICAL RESULTS (MEASURED):

<p><b>CREE</b> → <b>LED</b></p> <p>LED: XD16            FWHM / FWTM: 40.0 + 20.0° / 72.0 + 51.0°            Efficiency: 75 %            Peak intensity: 2.1 cd/m            LEDs/each optic: 1            Light colour: White            Required components:</p>		
<p><b>CREE</b> → <b>LED</b></p> <p>LED: XQ-E HD            FWHM / FWTM: 40.0 + 17.0° / 68.0 + 42.0°            Efficiency: 82 %            Peak intensity: 2.8 cd/m            LEDs/each optic: 1            Light colour: White            Required components:</p>		
<p><b>CREE</b> → <b>LED</b></p> <p>LED: XQ-E HI            FWHM / FWTM: 43.0 + 14.0° / 64.0 + 36.0°            Efficiency: 79 %            Peak intensity: 3.1 cd/m            LEDs/each optic: 1            Light colour: White            Required components:</p>		
<p><b>LUMILEDS</b></p> <p>LED: LUXEON C            FWHM / FWTM: 40.0 + 18.0° / 69.0 + 43.0°            Efficiency: 79 %            Peak intensity: 2.6 cd/m            LEDs/each optic: 1            Light colour: White            Required components:</p>		

#### OPTICAL RESULTS (MEASURED):

<p><b>LUMILEDS</b></p> <p>LED LUXEON Z</p> <p>FWHM / FWTM 42.0 + 14.0° / 64.0 + 38.0°</p> <p>Efficiency 79 %</p> <p>Peak intensity 3.2 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p><b>NICHIA</b></p> <p>LED NCSxE17A</p> <p>FWHM / FWTM 42.0 + 19.0° / 71.0 + 53.0°</p> <p>Efficiency 68 %</p> <p>Peak intensity 1.9 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p><b>NICHIA</b></p> <p>LED NVSxE21A</p> <p>FWHM / FWTM 43.0 + 22.0° / 76.0 + 61.0°</p> <p>Efficiency 65 %</p> <p>Peak intensity 1.5 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p><b>OSRAM</b> Opto Semiconductors</p> <p>LED OSLON SSL 80</p> <p>FWHM / FWTM 40.0 + 17.0° / 70.0 + 48.0°</p> <p>Efficiency 77 %</p> <p>Peak intensity 2.5 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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