

LARISA-M-PIN

~30° medium beam and holder with location pins

SPECIFICATION:

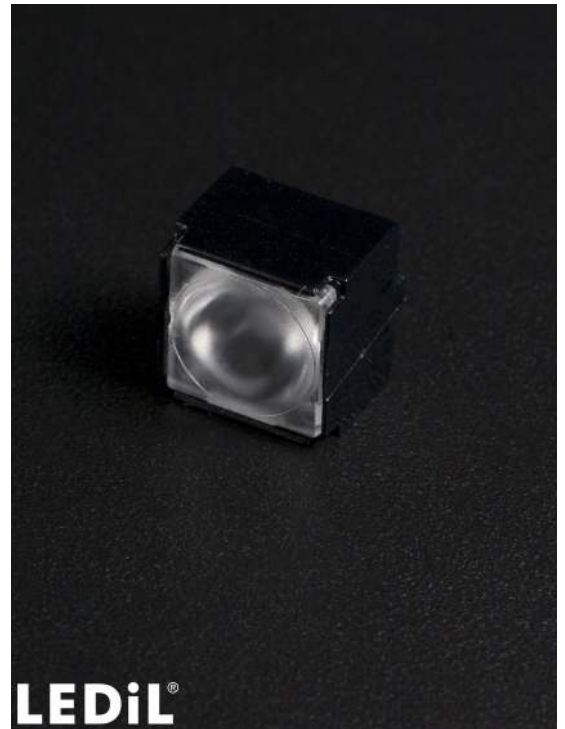
Dimensions	9.9 x 9.9 mm
Height	7.5 mm
Fastening	glue, pin
ROHS compliant	yes ⓘ

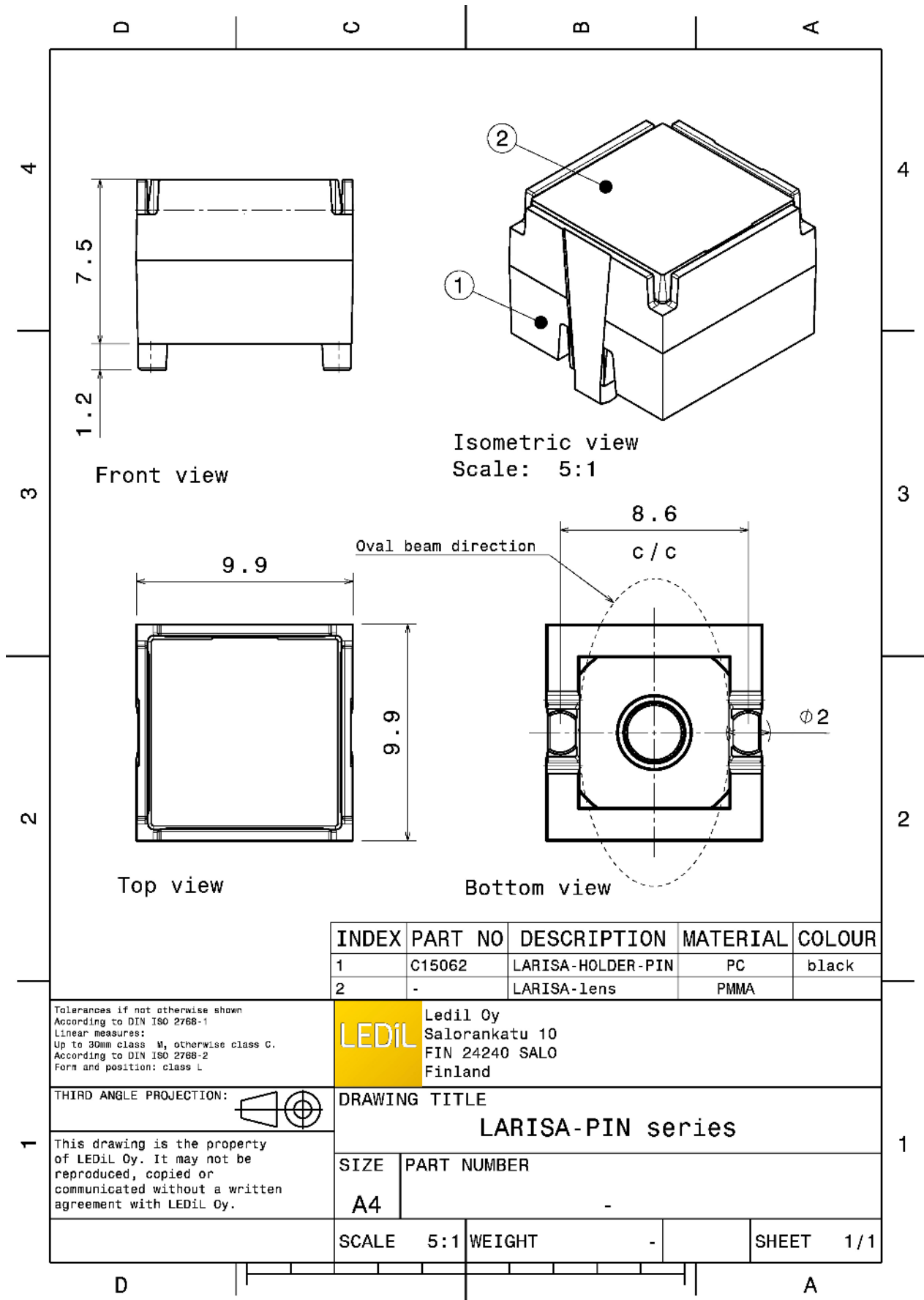
MATERIALS:

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

ORDERING INFORMATION:

Component	Type	Qty in box	MOQ	MPQ	Box weight (kg)
CP15305_LARISA-M-PIN » Box size: 300 x 250 x 250 mm	Single lens	10000	300	100	7.1



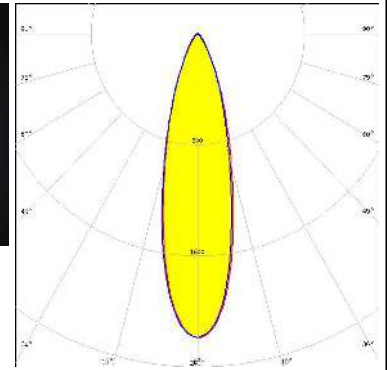
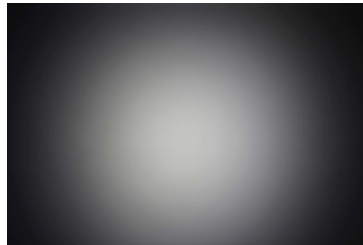


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):

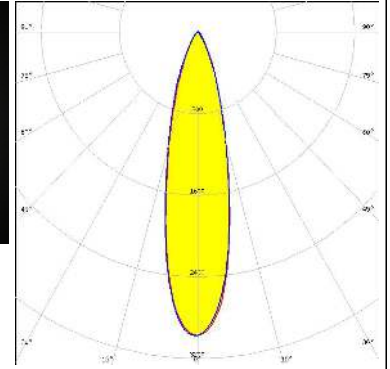
CREE → LED

LED XD16
 FWHM / FWTM 27.0° / 57.0°
 Efficiency 74 %
 Peak intensity 2.2 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:



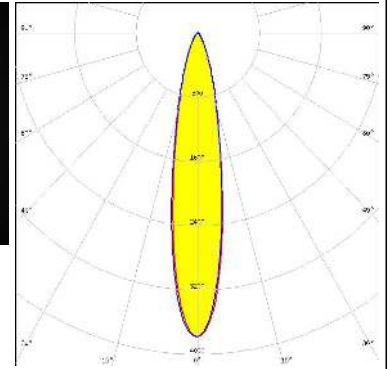
CREE → LED

LED XQ-E HD
 FWHM / FWTM 25.0° / 53.0°
 Efficiency 86 %
 Peak intensity 3 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:



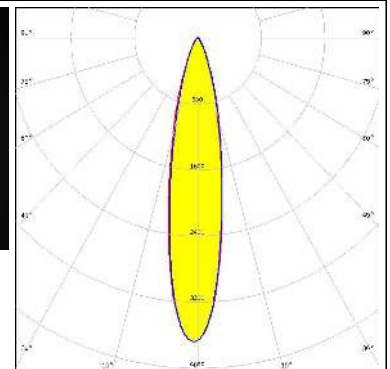
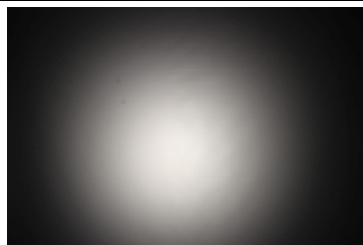
CREE → LED

LED XQ-E HI
 FWHM / FWTM 19.0° / 45.0°
 Efficiency 80 %
 Peak intensity 3.8 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:


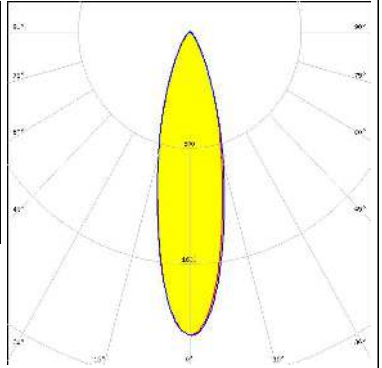

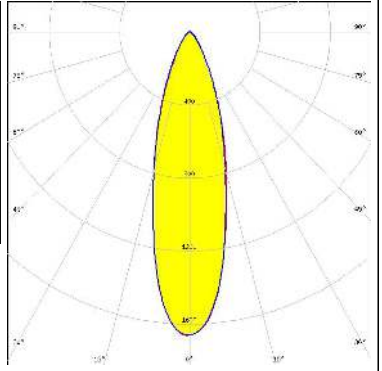

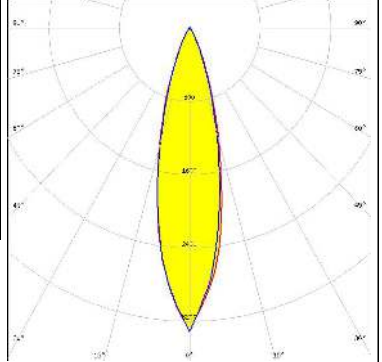


LUMILEDS

LED LUXEON Z
 FWHM / FWTM 21.0° / 46.0°
 Efficiency 82 %
 Peak intensity 3.7 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:



OPTICAL RESULTS (MEASURED):

<p>NICHIA</p> <p>LED NCSxE17A FWHM / FWTM 26.0° / 57.0° Efficiency 69 % Peak intensity 2.1 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>NICHIA</p> <p>LED NVSxE21A FWHM / FWTM 29.0° / 29.0° Efficiency 66 % 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 SSL 80 FWHM / FWTM 25.0° / 56.0° Efficiency 82 % Peak intensity 2.9 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		

OPTICAL RESULTS (SIMULATED):



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

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