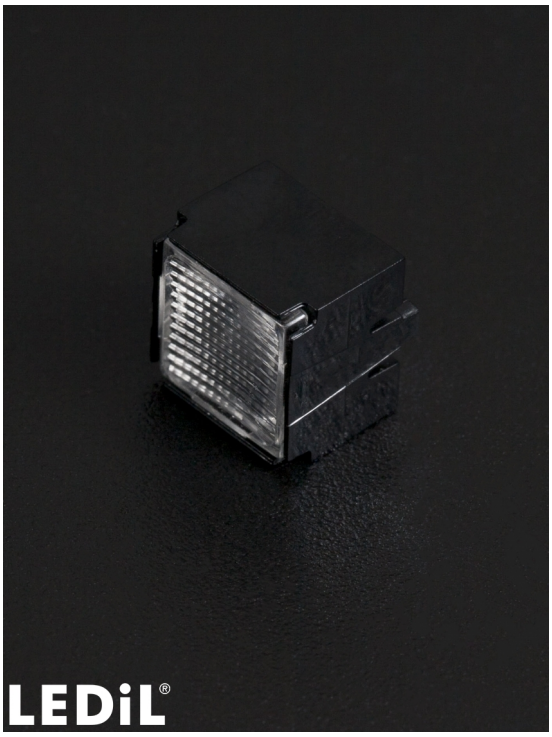
LARISA-O-PIN

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



TECHNICAL SPECIFICATIONS:

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

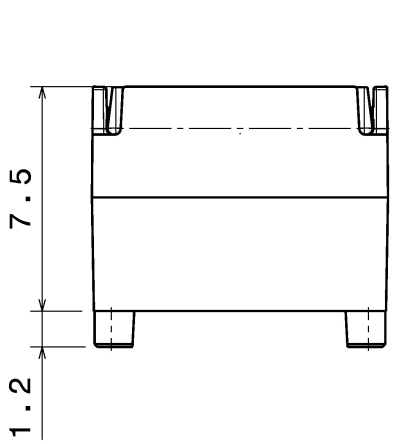
MATERIAL SPECIFICATIONS:

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

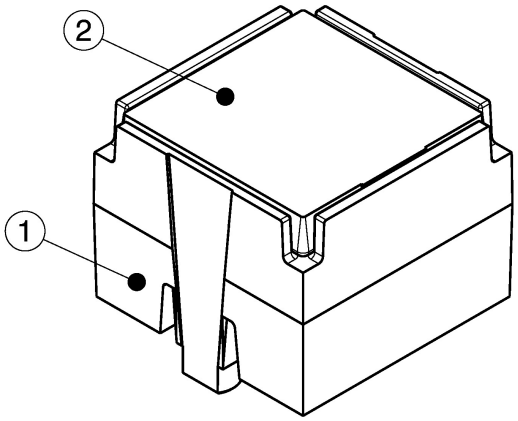
ORDERING INFORMATION:

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

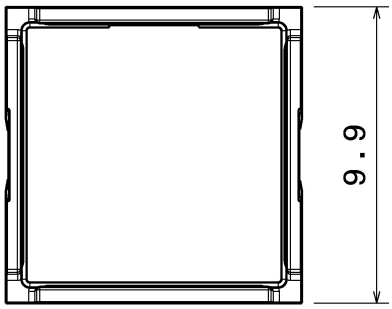
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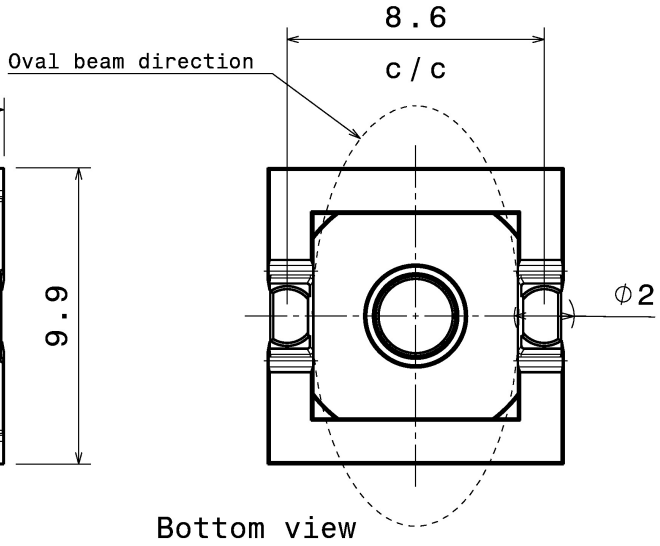
Front view



Isometric view
Scale: 5:1



Top view



Bottom view

INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	C15062	LARISA-HOLDER-PIN	PC	black
2	-	LARISA-lens	PMMA	

Tolerances if not otherwise shown
According to DIN ISO 2768-1
Linear measures:
Up to 30mm class M, otherwise class C.
According to DIN ISO 2768-2
Form and position: class L

Ledil Oy
Salorankatu 10
FIN 24240 SALO
Finland

THIRD ANGLE PROJECTION:

DRAWING TITLE
LARISA-PIN series

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SIZE A4 | PART NUMBER -

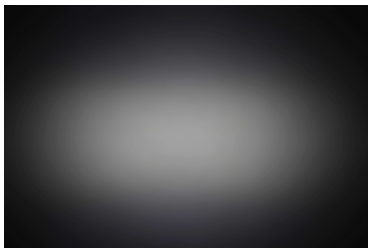
SCALE 5:1 | WEIGHT - | SHEET 1/1

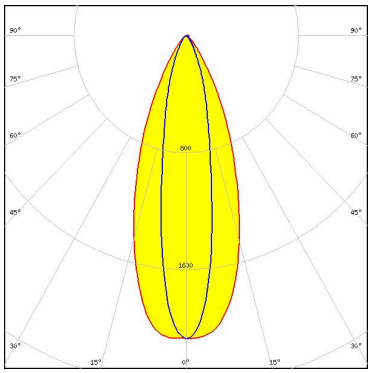
See also our general installation guide: www.ledil.com/installation_guide

PHOTOMETRIC DATA (MEASURED):

CREE LED

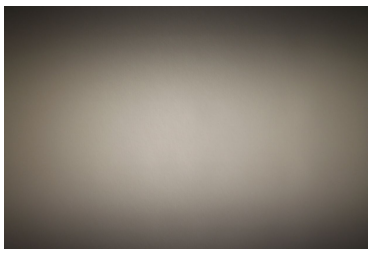
LED	XD16
FWHM / FWTM	40.0 + 20.0° / 72.0 + 51.0°
Efficiency	75 %
Peak intensity	2.1 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

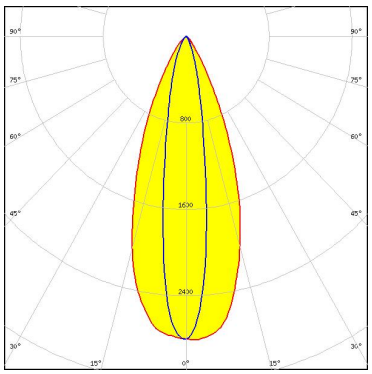




CREE LED

LED	XQ-E HD
FWHM / FWTM	40.0 + 17.0° / 68.0 + 42.0°
Efficiency	82 %
Peak intensity	2.8 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

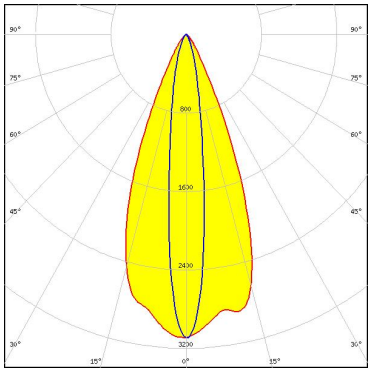




CREE LED

LED	XQ-E HI
FWHM / FWTM	43.0 + 14.0° / 64.0 + 36.0°
Efficiency	79 %
Peak intensity	3.1 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

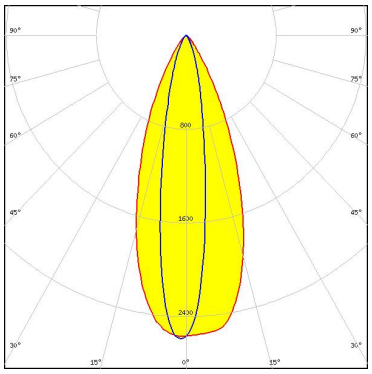




LUMILEDS

LED	LUXEON C
FWHM / FWTM	40.0 + 18.0° / 69.0 + 43.0°
Efficiency	79 %
Peak intensity	2.6 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	





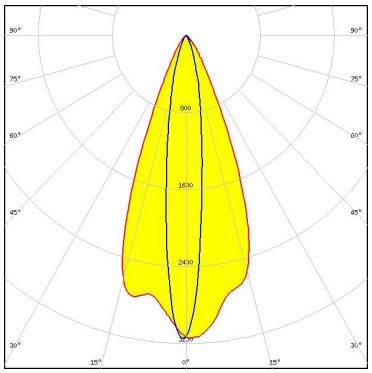
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PHOTOMETRIC DATA (MEASURED):

LUMILEDS

LED	LUXEON Z
FWHM / FWTM	42.0 + 14.0° / 64.0 + 38.0°
Efficiency	79 %
Peak intensity	3.2 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

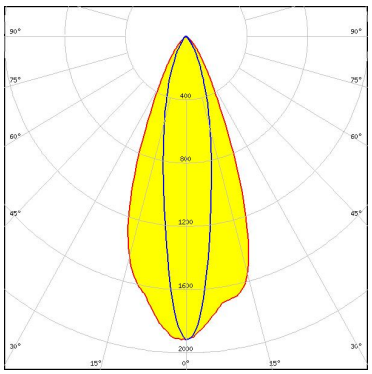




NICHIA

LED	NCSxE17A
FWHM / FWTM	42.0 + 19.0° / 71.0 + 53.0°
Efficiency	68 %
Peak intensity	1.9 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

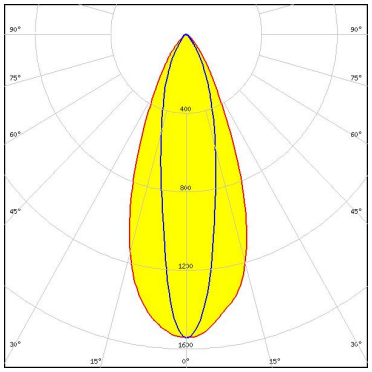




NICHIA

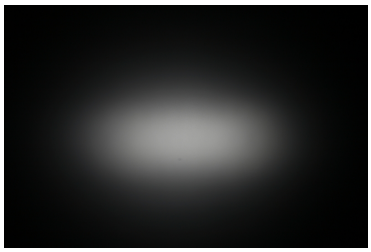
LED	NVSxE21A
FWHM / FWTM	43.0 + 22.0° / 76.0 + 61.0°
Efficiency	65 %
Peak intensity	1.5 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

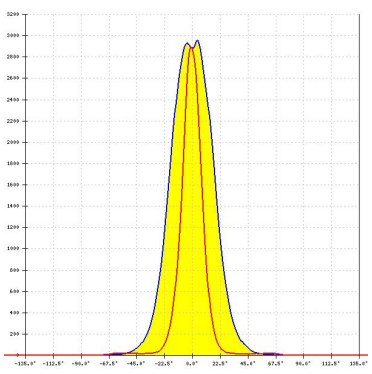




OSRAM
Opto Semiconductors

LED	OSLON SSL 80
FWHM / FWTM	40.0 + 17.0° / 70.0 + 48.0°
Efficiency	77 %
Peak intensity	2.5 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	





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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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