

LARISA-M-CLIP8

~30° medium beam. Clip fastening for 0.8 mm thick PCB.

SPECIFICATION:

Dimensions	9.9 x 9.9 mm
Height	7.5 mm
Fastening	clips
ROHS compliant	yes ⓘ

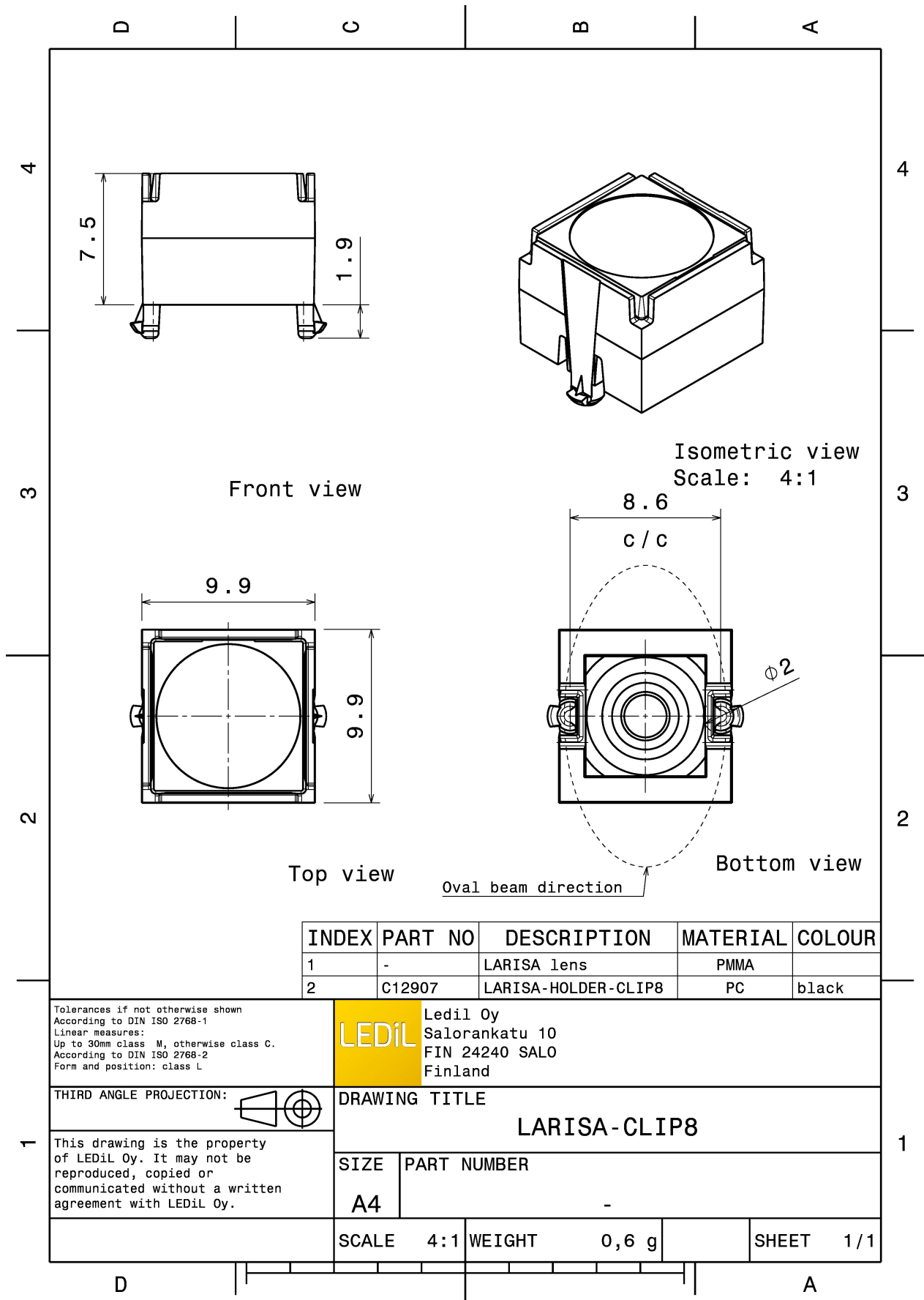


MATERIALS:

Component	Type	Material	Colour	Finish
LARISA-M	Single lens	PMMA	clear	
LARISA-HOLDER-CLIP8	Holder	PC	black	


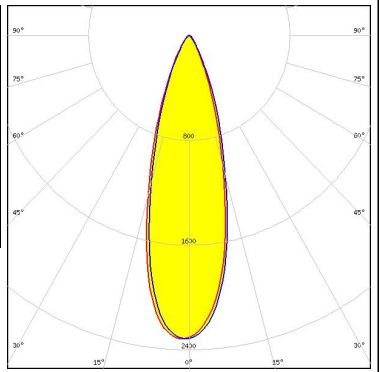
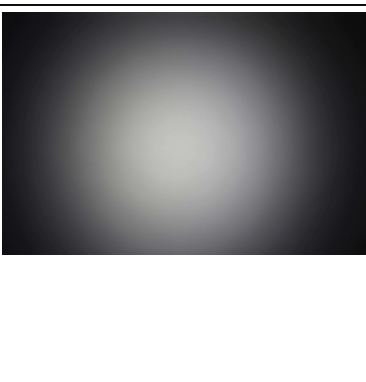
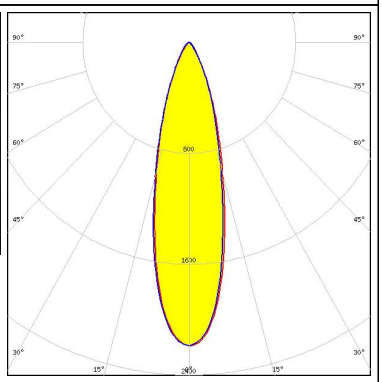

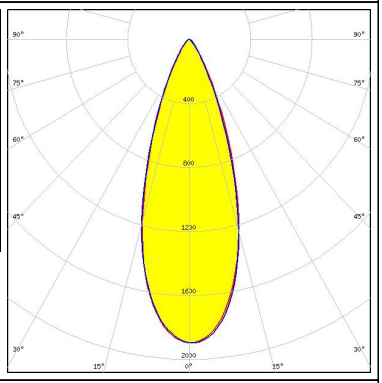

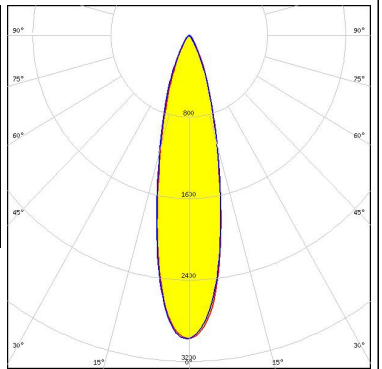
ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CP12940_LARISA-M-CLIP8	Single lens	10000	300	100	6.6
» Box size: 300 x 250 x 250 mm					



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

OPTICAL RESULTS (MEASURED):

<p>CREE → LED</p> <p>LED XB-D FWHM / FWTM 30.0° / 58.0° Efficiency 87 % Peak intensity 2.3 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>CREE → LED</p> <p>LED XD16 FWHM / FWTM 27.0° / 57.0° Efficiency 74 % Peak intensity 2.2 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>CREE → LED</p> <p>LED XP-G FWHM / FWTM 36.0° / 64.0° Efficiency 88 % Peak intensity 1.9 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>CREE → LED</p> <p>LED XQ-E HD FWHM / FWTM 25.0° / 53.0° Efficiency 86 % Peak intensity 3 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		

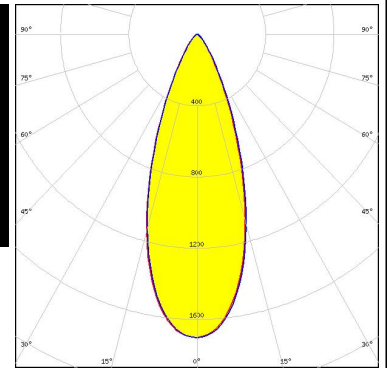
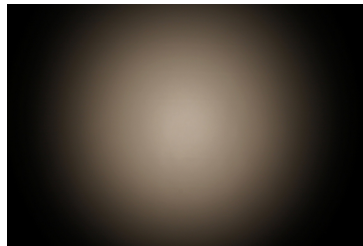
OPTICAL RESULTS (MEASURED):



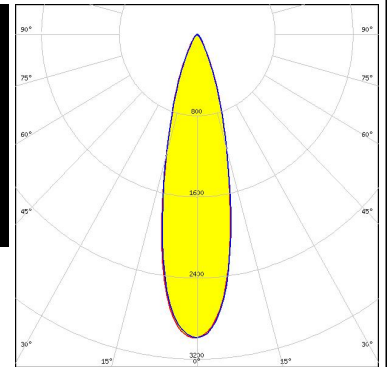
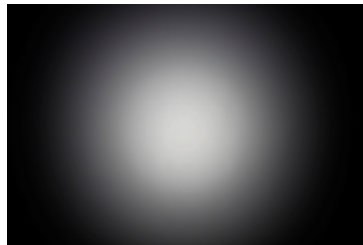
LED XQ-E HI
 FWHM / FWTM 22.0° / 49.0°
 Efficiency 78 %
 Peak intensity 3.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



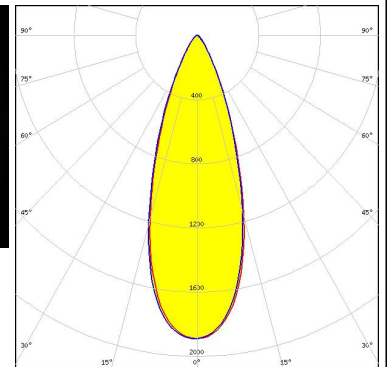
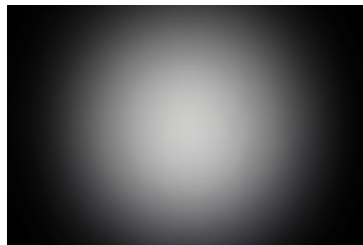
LED LUXEON A
 FWHM / FWTM 37.0° / 67.0°
 Efficiency 86 %
 Peak intensity 1.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED LUXEON Rebel
 FWHM / FWTM 26.0° / 53.0°
 Efficiency 88 %
 Peak intensity 3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED LUXEON Rebel ES
 FWHM / FWTM 35.0° / 64.0°
 Efficiency 87 %
 Peak intensity 1.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OPTICAL RESULTS (MEASURED):

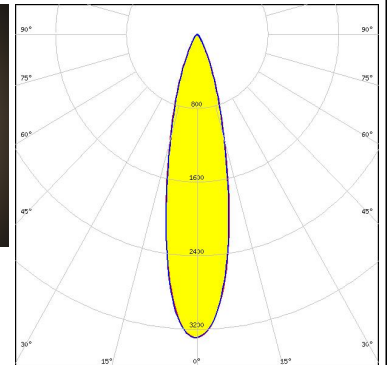
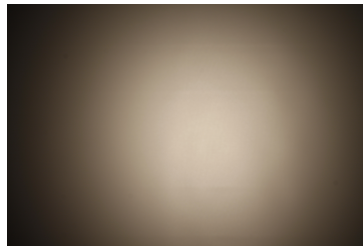
LUMILEDS

LED LUXEON Z
 FWHM / FWTM 19.0° / 42.0°
 Efficiency 84 %
 Peak intensity 5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



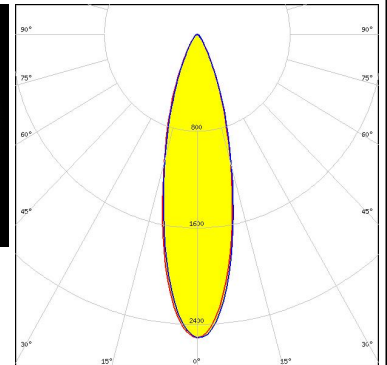
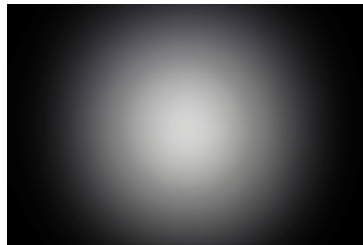
LUMILEDS

LED LUXEON Z ES
 FWHM / FWTM 24.0° / 50.0°
 Efficiency 88 %
 Peak intensity 3.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



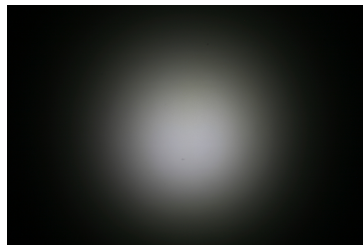
NICHIA

LED NCSxx19A
 FWHM / FWTM 27.0° / 57.0°
 Efficiency 84 %
 Peak intensity 2.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:


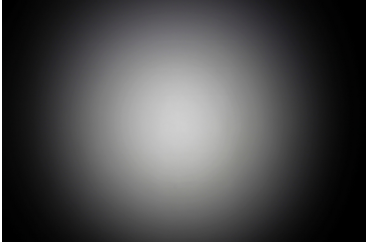
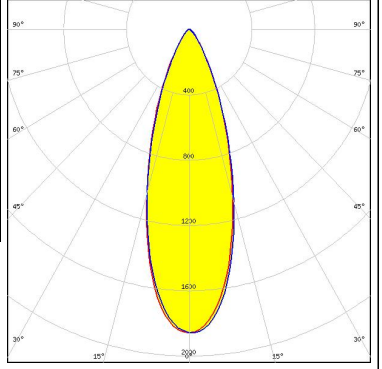
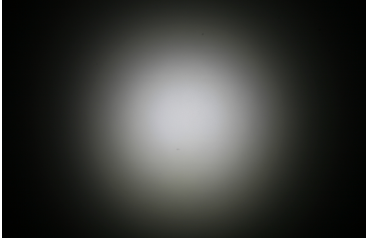
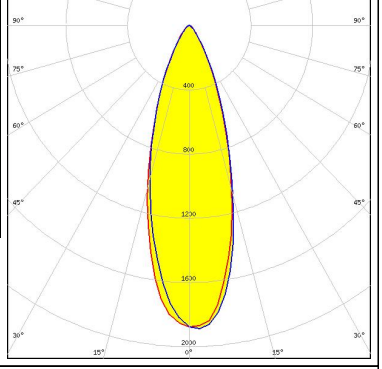

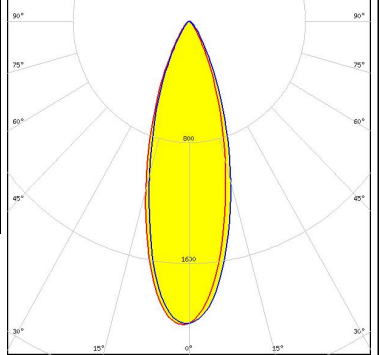


NICHIA

LED NF2x757A
 FWHM / FWTM 31.0° / 62.0°
 Efficiency 84 %
 Peak intensity 2.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OPTICAL RESULTS (MEASURED):

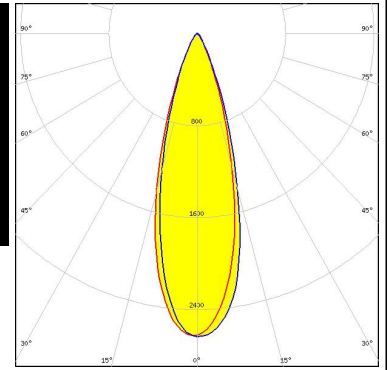
<p>NICHIA</p> <p>LED NF2x757G</p> <p>FWHM / FWTM 34.0° / 70.0°</p> <p>Efficiency 80 %</p> <p>Peak intensity 1.6 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p>NICHIA</p> <p>LED NVSxx19A</p> <p>FWHM / FWTM 34.0° / 65.0°</p> <p>Efficiency 84 %</p> <p>Peak intensity 1.9 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p>OSRAM Opto Semiconductors</p> <p>LED Duris S5 (2 chip)</p> <p>FWHM / FWTM 34.0° / 66.0°</p> <p>Efficiency 80 %</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>OSRAM Opto Semiconductors</p> <p>LED OSLON Square EC</p> <p>FWHM / FWTM 31.0° / 63.0°</p> <p>Efficiency 83 %</p> <p>Peak intensity 2 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		

OPTICAL RESULTS (MEASURED):

OSRAM

Opto Semiconductors

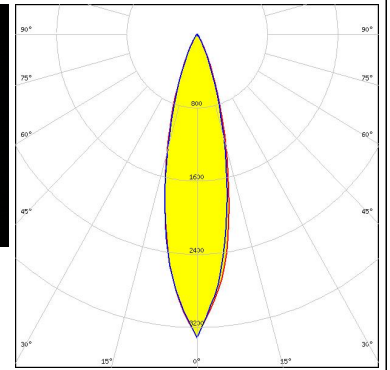
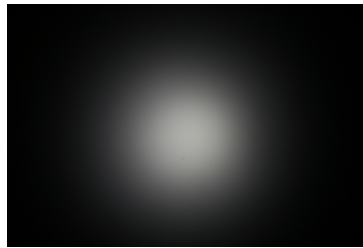
LED OSLON SSL 150
 FWHM / FWTM 30.0° / 54.0°
 Efficiency 88 %
 Peak intensity 2.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OSRAM

Opto Semiconductors

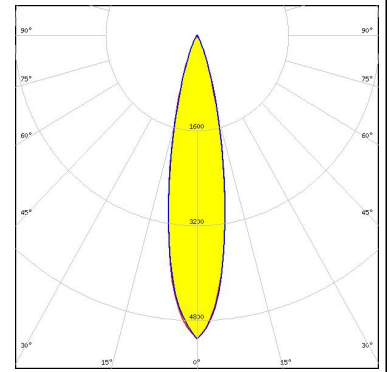
LED OSLON SSL 80
 FWHM / FWTM 25.0° / 56.0°
 Efficiency 82 %
 Peak intensity 2.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OPTICAL RESULTS (SIMULATED):

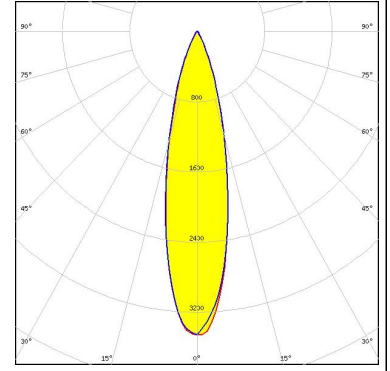
LUMILEDS

LED LUXEON Rubix
FWHM / FWTM 22.0° / 42.0°
Efficiency 95 %
Peak intensity 5.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



NICHIA

LED NCSxE17A
FWHM / FWTM 24.0° / 49.0°
Efficiency 84 %
Peak intensity 3.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



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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