

LISA2-M-CLIP

~20° medium beam optimized for CREE XP-E.
6.8 mm high variant with clip installation.

SPECIFICATION:

Dimensions	Ø 9.9 mm
Height	6.8 mm
Fastening	glue, clips
ROHS compliant	yes ⓘ

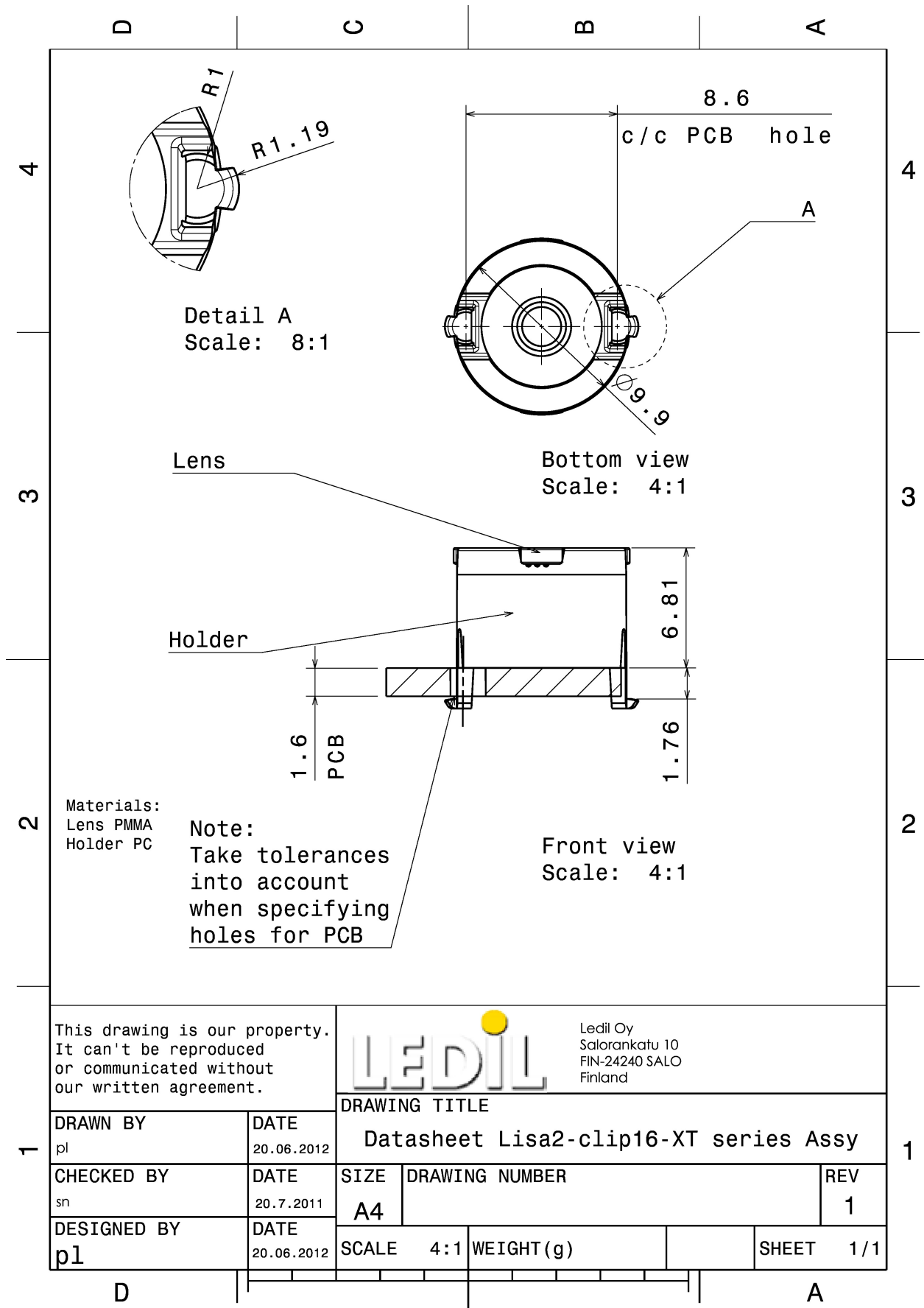


MATERIALS:

Component	Type	Material	Colour	Finish
LISA2-M	Single lens	PMMA	clear	
LISA2-HLD-CLIP16-XP	Holder	PC	black	

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
FP13030_LISA2-M-CLIP	Single lens	2000		100	1.4
» Box size:					



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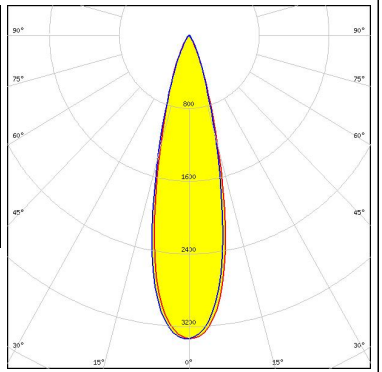

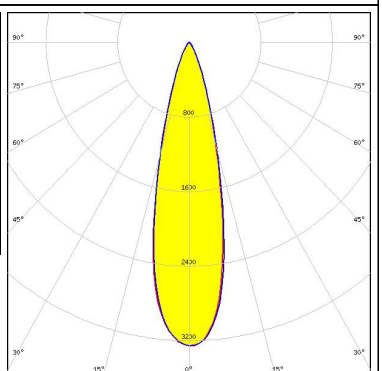

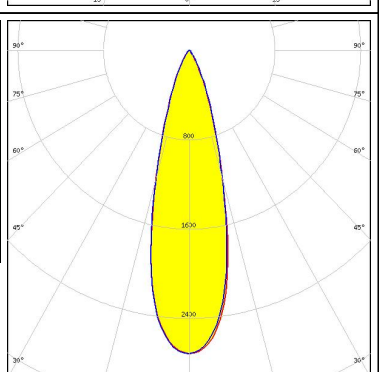

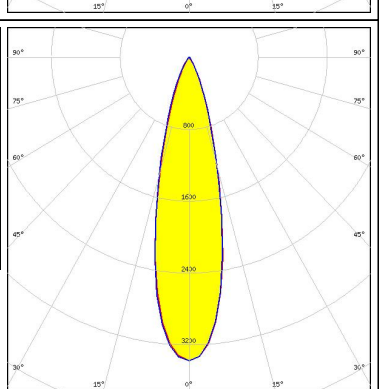
Ledil Oy
Salorankatu 10
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DRAWING TITLE


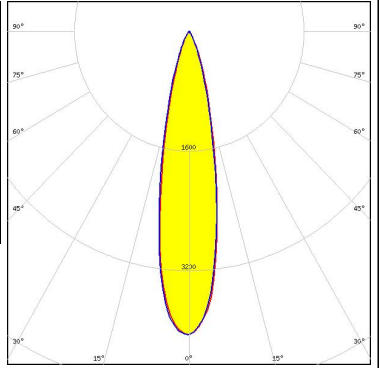
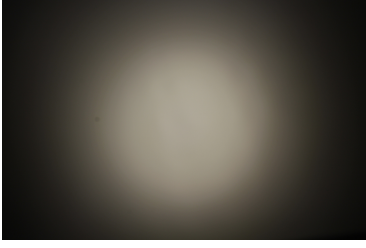
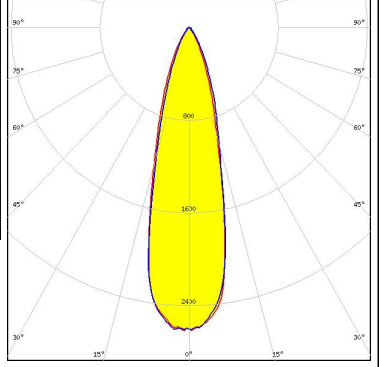
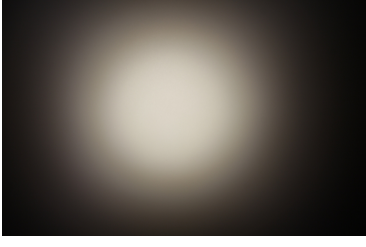
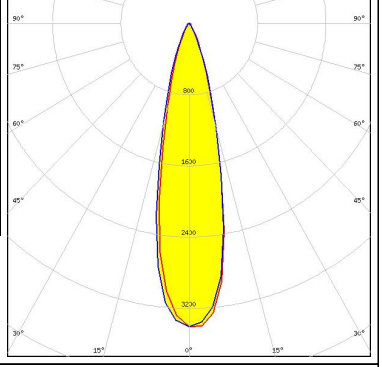
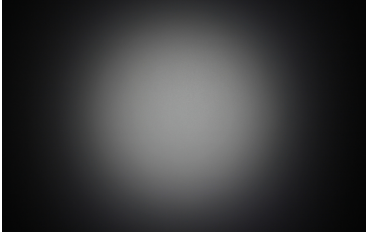
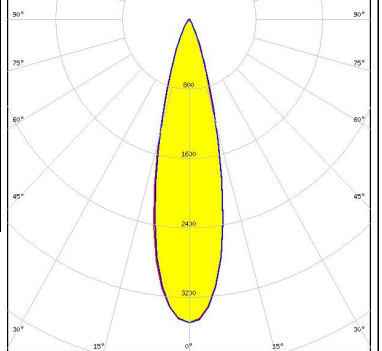
DRAWN BY pl		DATE 20.06.2012		Datasheet Lisa2-clip16-XT series Assy		
CHECKED BY sn		DATE 20.7.2011		SIZE A4	DRAWING NUMBER	REV 1
DESIGNED BY pl		DATE 20.06.2012		SCALE 4:1	WEIGHT (g)	SHEET 1/1

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

OPTICAL RESULTS (MEASURED):

<p>CREE LED</p> <p>LED: XP-G2 FWHM / FWTM: 25.0° / 47.0° Efficiency: 89 % Peak intensity: 3.5 cd/m LEDs/each optic: 1 Light colour: White Required components:</p>		
<p>CREE LED</p> <p>LED: XT-E FWHM / FWTM: 26.0° / 49.0° Efficiency: 89 % Peak intensity: 3.3 cd/m LEDs/each optic: 1 Light colour: White Required components:</p>		
<p>LUMILEDS</p> <p>LED: LUXEON T FWHM / FWTM: 28.0° / 54.0° Efficiency: 87 % Peak intensity: 2.7 cd/m LEDs/each optic: 1 Light colour: White Required components:</p>		
<p>LUMILEDS</p> <p>LED: LUXEON TX FWHM / FWTM: 26.0° / 51.0° Efficiency: 88 % Peak intensity: 3.4 cd/m LEDs/each optic: 1 Light colour: White Required components:</p>		

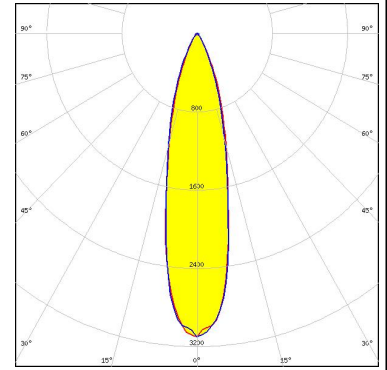
OPTICAL RESULTS (MEASURED):

<p>NICHIA</p> <p>LED NCSxx19B FWHM / FWTM 23.0° / 46.0° Efficiency 85 % Peak intensity 4.1 cd/m LEDs/each optic 1 Light colour White Required components:</p>		
<p>NICHIA</p> <p>LED NVSxx19B/NVSxx19C FWHM / FWTM 27.0° / 56.0° Efficiency 86 % Peak intensity 2.6 cd/m LEDs/each optic 1 Light colour White Required components:</p>		
<p>OSRAM <small>Opto Semiconductors</small></p> <p>LED OSLOM Square EC FWHM / FWTM 26.0° / 49.0° Efficiency 85 % Peak intensity 3.4 cd/m LEDs/each optic 1 Light colour White Required components:</p>		
<p>SAMSUNG</p> <p>LED LH351Z FWHM / FWTM 26.0° / 50.0° Efficiency 87 % Peak intensity 3.5 cd/m LEDs/each optic 1 Light colour White Required components:</p>		

OPTICAL RESULTS (SIMULATED):

LUMILEDS

LED LUXEON H50-2
 FWHM / FWTM 24.0° / 52.0°
 Efficiency 89 %
 Peak intensity 3.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



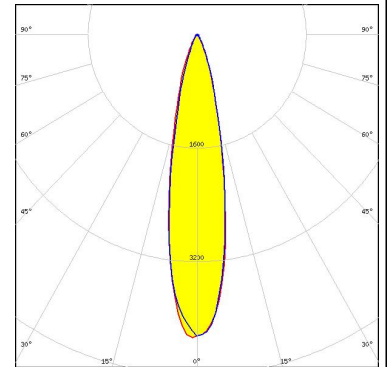
LUMILEDS

LED LUXEON IR Compact
 FWHM / FWTM 14.0° / 29.0°
 Efficiency 82 %
 LEDs/each optic 1
 Light colour White
 Required components:

OSRAM

Ospto Semiconductors

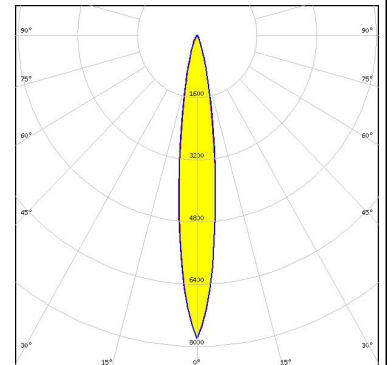
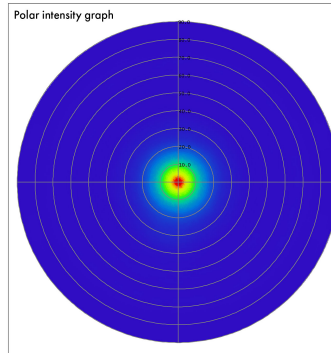
LED OSOLON Square CSSRM2/CSSRM3
 FWHM / FWTM 21.0° / 44.0°
 Efficiency 91 %
 Peak intensity 4.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OSRAM

Ospto Semiconductors

LED SFH 4770S
 FWHM / FWTM 14.0° / 33.0°
 Efficiency 90 %
 LEDs/each optic 1
 Light colour IR
 Required components:

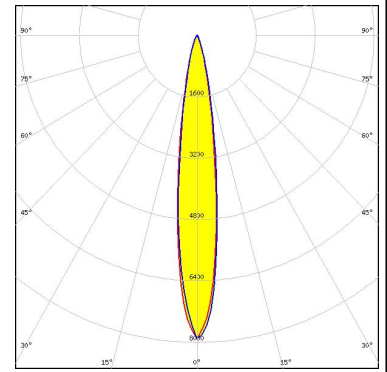


OPTICAL RESULTS (SIMULATED):

OSRAM

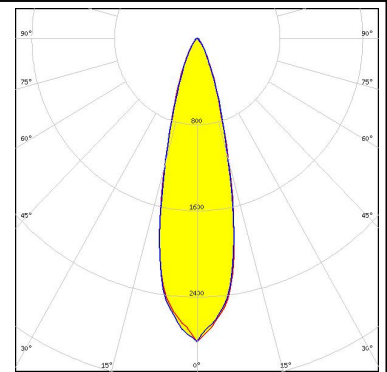
Opto Semiconductors

LED Synios P2720 1/2 mm
 FWHM / FWTM 15.0° / 33.0°
 Efficiency 90 %
 Peak intensity 7.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



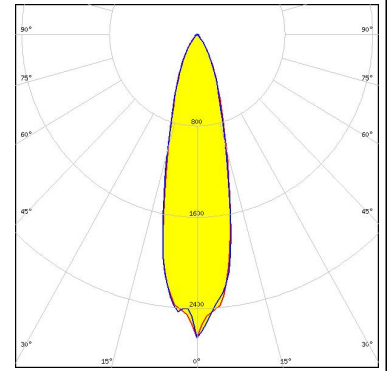
SAMSUNG

LED LH351B
 FWHM / FWTM 27.0° / 54.0°
 Efficiency 89 %
 Peak intensity 2.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



SEOUL SEMICONDUCTOR

LED Z8Y22P
 FWHM / FWTM 25.0° / 56.0°
 Efficiency 84 %
 Peak intensity 2.7 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:

As part of our continuous research and improvement processes, and to ensure the best possible quality and availability of our products, LEDiL reserves the right to change material grades without notice.

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