

LISA2-W-CLIP

~35° wide beam optimized for CREE XP-E. 6.8 mm high variant with clip installation.



TECHNICAL SPECIFICATIONS:

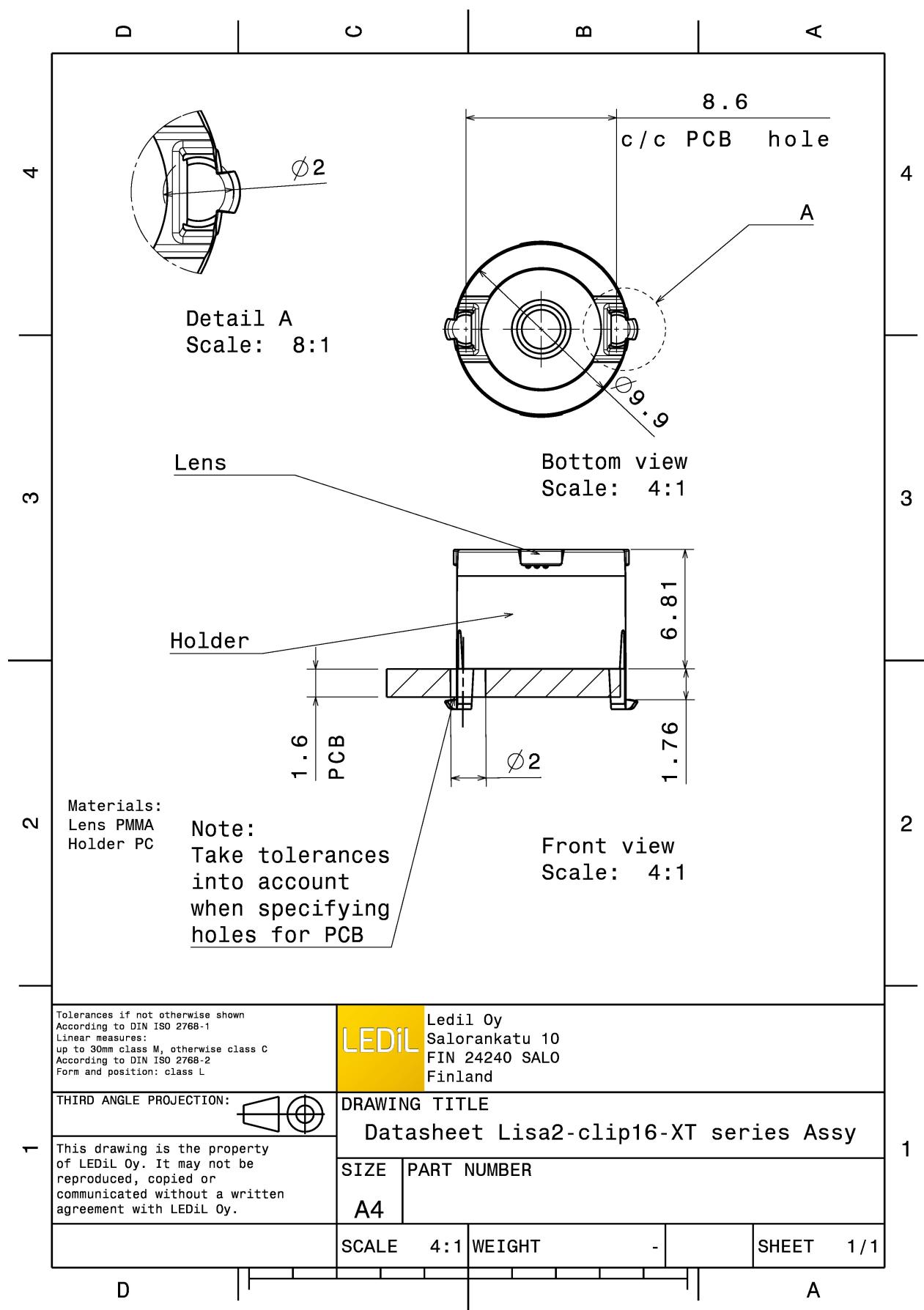
Dimensions	Ø 9.9 mm
Height	6.8 mm
Fastening	glue, clips
ROHS compliant	yes 

MATERIAL SPECIFICATIONS:

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

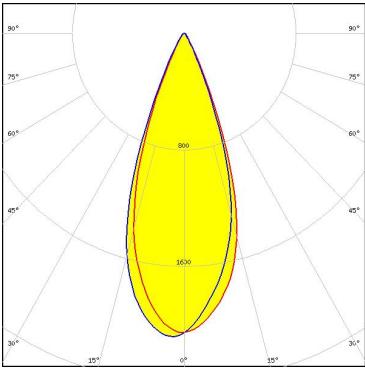
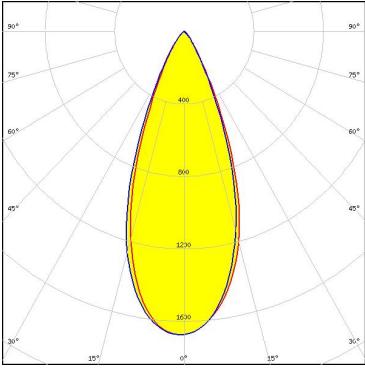
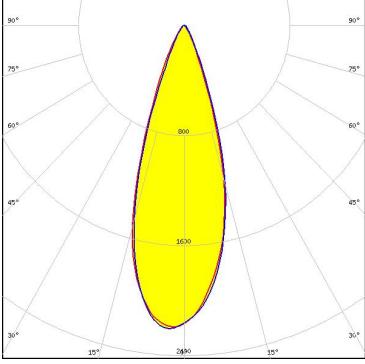
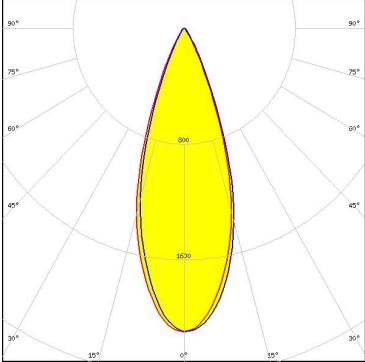
ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)	
FP13031_LISA2-W-CLIP » Box size: 310 x 230 x 60 mm	Single lens	2000	300	100	1.4

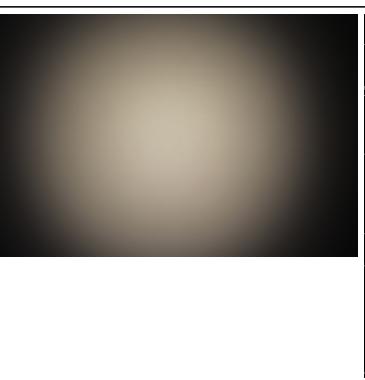
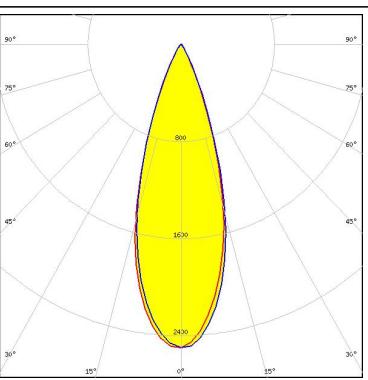
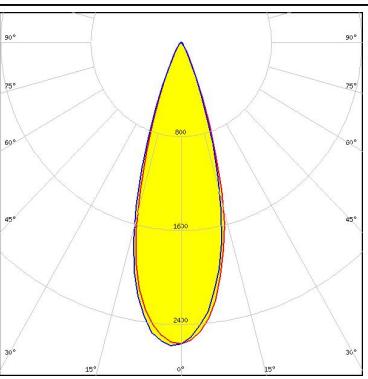
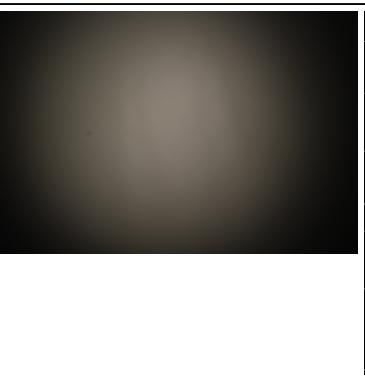
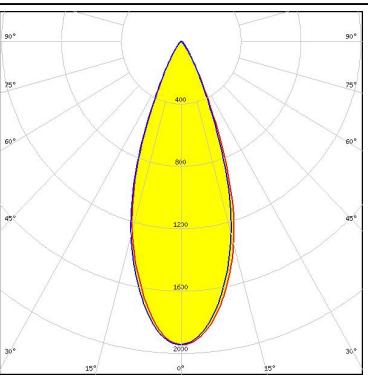
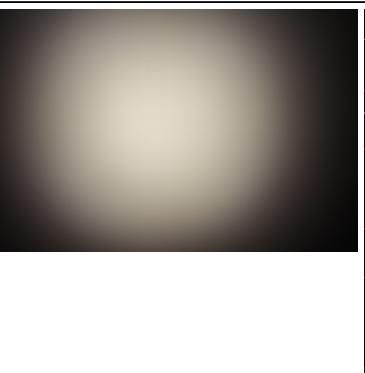
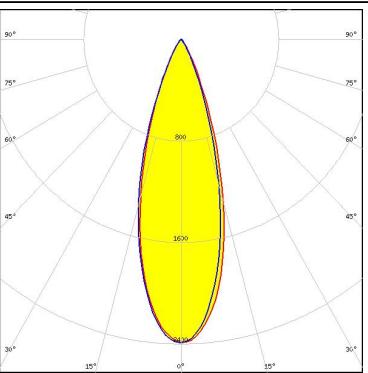


See also our general installation guide: www.ledil.com/installation_guide

PHOTOMETRIC DATA (MEASURED):

<p>CREE → LED</p> <p>LED XP-G2 FWHM / FWTM 36.0° / 55.0° Efficiency 88 % Peak intensity 2.2 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p>CREE → LED</p> <p>LED XP-G3 FWHM / FWTM 41.0° / 66.0° Efficiency 85 % Peak intensity 1.7 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p>CREE → LED</p> <p>LED XT-E FWHM / FWTM 32.0° / 51.0° Efficiency 84 % Peak intensity 2.2 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p>LUMILEDS</p> <p>LED LUXEON T FWHM / FWTM 36.0° / 58.0° Efficiency 86 % Peak intensity 2 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	

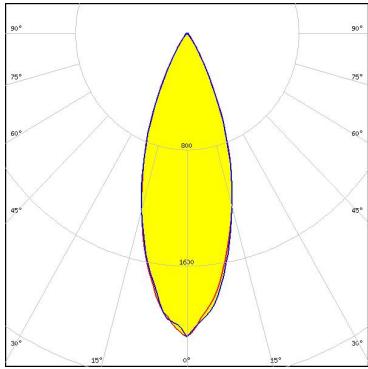
PHOTOMETRIC DATA (MEASURED):

 LUMILEDS	<p>LED LUXEON TX FWHM / FWTM 34.0° / 55.0° Efficiency 88 % Peak intensity 2.5 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
 NICHIA	<p>LED NCSxx19B FWHM / FWTM 34.0° / 53.0° Efficiency 84 % Peak intensity 2.6 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
 NICHIA	<p>LED NVSxx19B/NVSxx19C FWHM / FWTM 38.0° / 61.0° Efficiency 87 % Peak intensity 1.9 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
 OSRAM Opto Semiconductors	<p>LED OSLON Square EC FWHM / FWTM 33.0° / 57.0° Efficiency 85 % Peak intensity 2.4 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		

PHOTOMETRIC DATA (MEASURED):

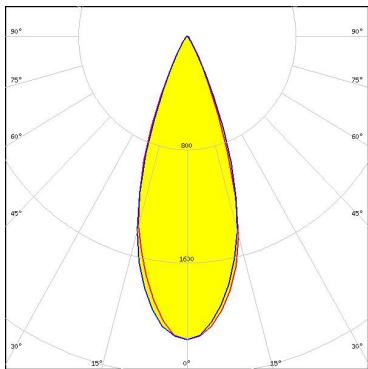
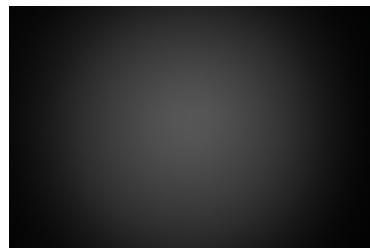
SAMSUNG

LED LH351B
FWHM / FWTM 40.0° / 64.0°
Efficiency 88 %
Peak intensity 1.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



SAMSUNG

LED LH351Z
FWHM / FWTM 38.0° / 60.0°
Efficiency 88 %
Peak intensity 2.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:

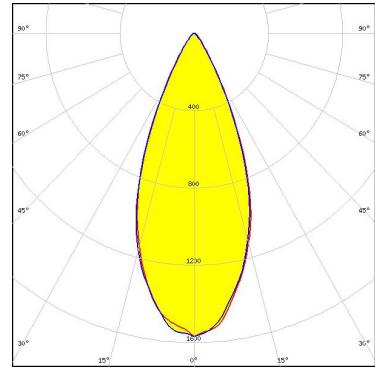


PHOTOMETRIC DATA (SIMULATED):



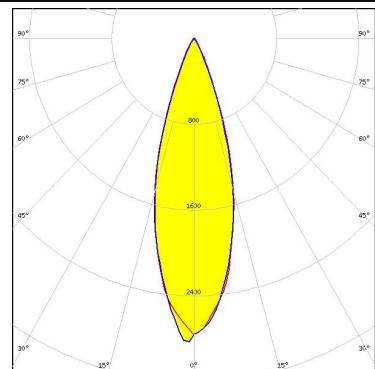
LED	XP-G2 HE
FWHM / FWTM	43.0° / 68.0°
Efficiency	88 %
Peak intensity	1.6 cd/lm
LEDs/each optic	1
Light colour	White

Required components:



LED	LUXEON H50-2
FWHM / FWTM	30.0° / 52.0°
Efficiency	89 %
Peak intensity	2.8 cd/lm
LEDs/each optic	1
Light colour	White

Required components:



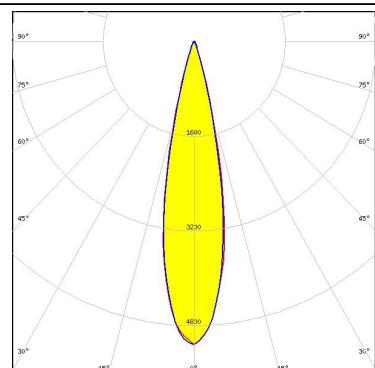
LED	LUXEON IR Compact
FWHM / FWTM	34.0° / 47.0°
Efficiency	83 %
LEDs/each optic	1
Light colour	White

Required components:



LED	SFH 4715S
FWHM / FWTM	22.0° / 36.0°
Efficiency	90 %
Peak intensity	5.1 cd/lm
LEDs/each optic	1
Light colour	White

Required components:



PHOTOMETRIC DATA (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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