LISA2-O-90-CLIP

~20° x 50° turned oval beam optimized for CREE XP-E. 6.8 mm high variant with clip installation.



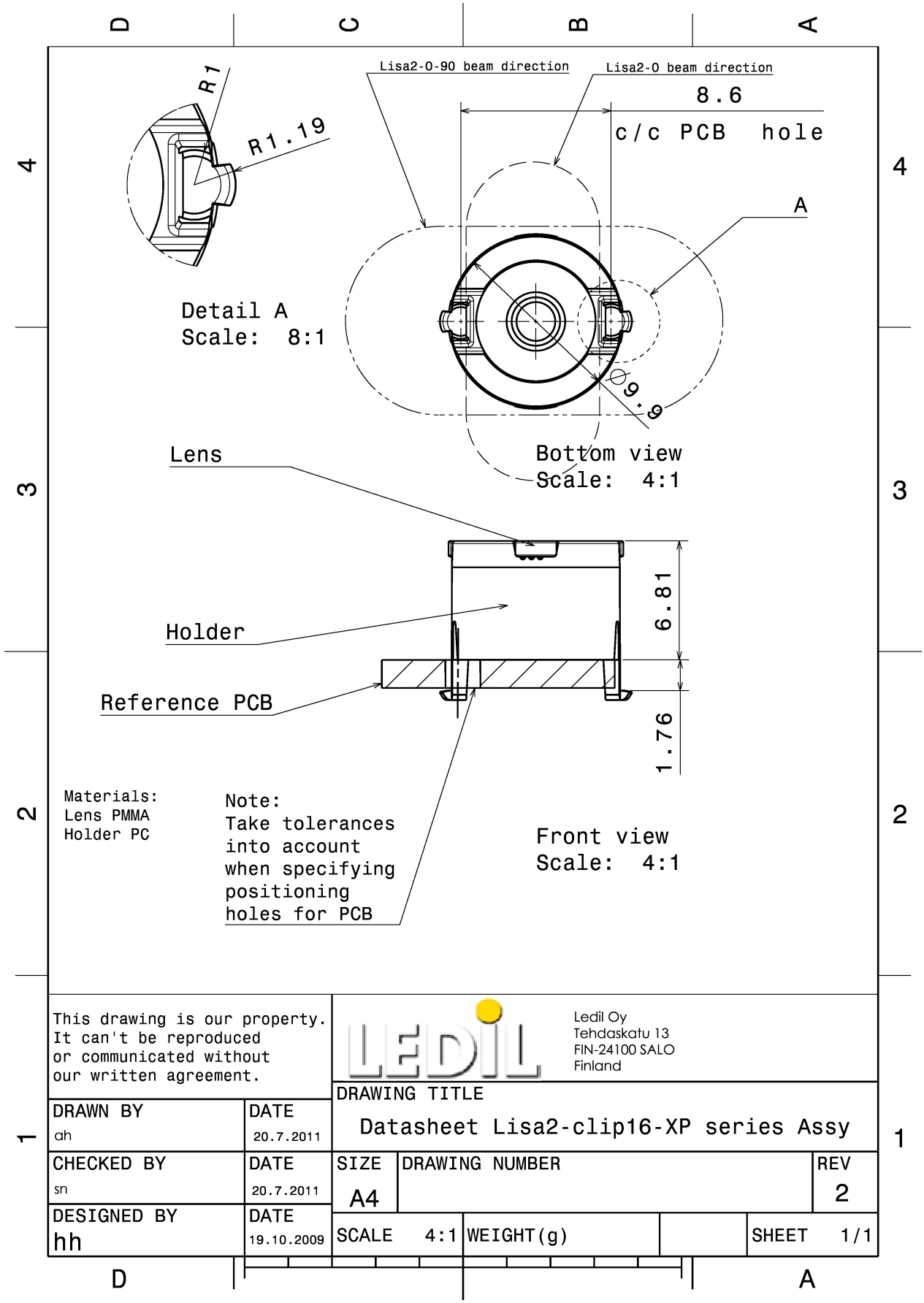
TECHNICAL SPECIFICATIONS:

Dimensions	Ø 9.9 mm
Height	6.8 mm
Fastening	glue, clips
Colour	black
Box size	
Box weight	1.4 kg
Quantity in Box	2000 pcs
ROHS compliant	yes

MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour
LISA2-O-XP	Lens	PMMA	clear
LISA2-HLD-CLIP16-XP	Holder	PC	black

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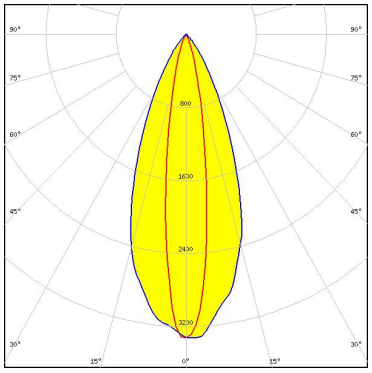


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PHOTOMETRIC DATA (MEASURED):

CREE

LED	XP-E
FWHM	48.0 + 18.0°
Efficiency	83 %
Peak intensity	cd/lm
Required components:	

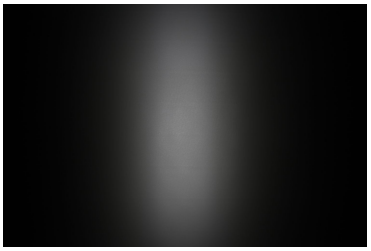


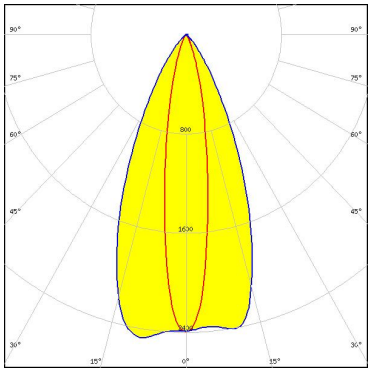
CREE

LED	XP-G
FWHM	48.0 + 18.0°
Efficiency	86 %
Peak intensity	cd/lm
Required components:	

LUMILEDS

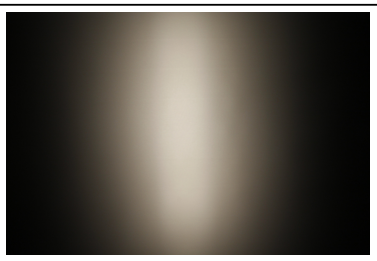
LED	LUXEON C
FWHM	17.0 + 47.0°
Efficiency	80 %
Peak intensity	2.500 cd/lm
Required components:	

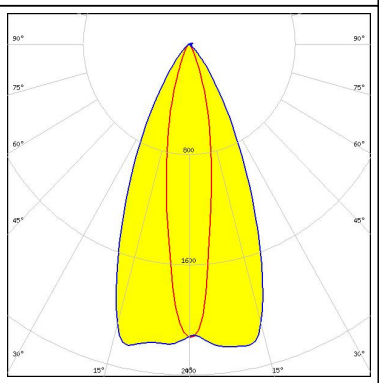




LUMILEDS

LED	LUXEON Z ES
FWHM	18.0 + 49.0°
Efficiency	80 %
Peak intensity	2.200 cd/lm
Required components:	





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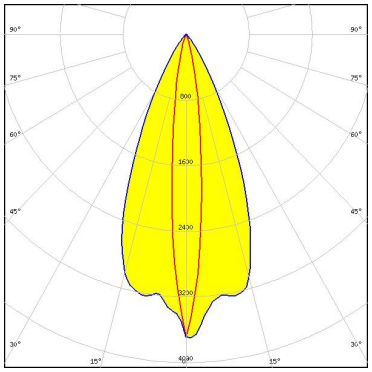
PHOTOMETRIC DATA (SIMULATED):

CREE

LED	XQ-E
FWHM	40.0 + 13.0°
Efficiency	86 %
Peak intensity	3.500 cd/lm
Required components:	

CREE

LED	XQ-E HI
FWHM	46.0 + 11.0°
Efficiency	83 %
Peak intensity	3.800 cd/lm
Required components:	



SHARP

LED	Double Dome (GM2BB)
FWHM	48.0 + 20.0°
Efficiency	%
Peak intensity	cd/lm
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:

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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LEDiL Oy
Joensuunkatu 13
FI-24240 SALO
Finland

LEDiL Inc.
228 West Page Street
Suite D
Sycamore IL 60178
USA

Local sales and technical support
www.ledil.com/
where_to_buy

Shipping locations
Salo, Finland
Hong Kong, China

Distribution Partners
www.ledil.com/
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