

Ordering number FP11085_LISA2-RS-CLIP

Family	Lisa2	FWHM	26 degrees
Type	Assembly	Efficiency	90 %
LED	XP-G	cd/Im	-
Color	Black	Gerber File	Available
Diameter	9.9 mm		
Height	6.8 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	PC		
Fastening	Clips, glue		
Status	Ready		

Ordering number FP11075_LISA2-M-CLIP

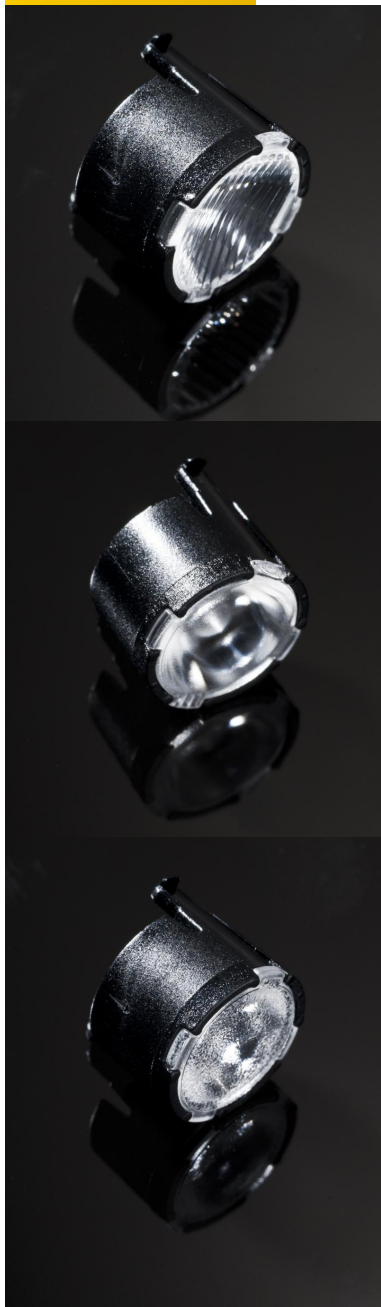
Family	Lisa2	FWHM	34 degrees
Type	Assembly	Efficiency	92 %
LED	XP-G	cd/Im	-
Color	Black	Gerber File	Available
Diameter	9.9 mm		
Height	6.8 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	PC		
Fastening	Clips, glue		
Status	Ready		

Ordering number FP11121_LISA2-O-CLIP

Family	Lisa2	FWHM	46+24 degrees
Type	Assembly	Efficiency	86 %
LED	XP-G	cd/Im	-
Color	Black	Gerber File	Available
Diameter	9.9 mm		
Height	6.8 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	PC		
Fastening	Clips, glue		
Status	Ready		

Ordering number FP11076_LISA2-W-CLIP

Family	Lisa2	FWHM	48 degrees
Type	Assembly	Efficiency	93 %
LED	XP-G	cd/Im	-
Color	Black	Gerber File	Available
Diameter	9.9 mm		
Height	6.8 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	PC		
Fastening	Clips, glue		
Status	Ready		

**Ordering number FP11856_LISA2-O-90-CLIP**

Family	Lisa2	FWHM	48+18 degrees
Type	Assembly	Efficiency	86 %
LED	XP-G	cd/Im	-
Color	Black	Gerber File	Available
Diameter	9.9 mm		
Height	6.8 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	PC		
Fastening	Clips, glue		
Status	Ready		

Ordering number FP11077_LISA2-WW-CLIP

Family	Lisa2	FWHM	54 degrees
Type	Assembly	Efficiency	90 %
LED	XP-G	cd/Im	0.900
Color	Black	Gerber File	Available
Diameter	9.9 mm		
Height	7 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	PC		
Fastening	Clips, glue		
Status	Ready		

Ordering number FP11431_LISA2-WWW-CLIP

Family	Lisa2	FWHM	86 degrees
Type	Assembly	Efficiency	72 %
LED	XP-G	cd/Im	-
Color	Black	Gerber File	Available
Diameter	9.9 mm		
Height	7 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	PC		
Fastening	Clips, glue		
Status	Ready		

NOTE: The typical divergence will be changed by different color, chip size and chip position tolerance. The typical total divergence is the full angle measured where the luminous intensity is half of the peak value.



PRODUCT DATASHEET

Lisa2 series

last update 12/11/2012

GENERAL INFORMATION

- Product series especially designed & optimized for XP-G series of LEDs.
- Special care taken to make light distribution as uniform as possible.
- Lens material optical grade PMMA with high UV and temperature resistance. Allows use of high current and temperature conditions.

Please find more information about used material from below:

http://ledil.fi/sites/default/files/Documents/Technical/Material/PMMA%20N%20UL94_Yellow%20Card.pdf

<http://ledil.fi/sites/default/files/Documents/Technical/Material/PMMA%20N%20PLEXIGLAS-Datasheet.pdf>

- Optic holder molded by high quality PC material (120 degrees of Celcius / 248 degrees of Fahrenheit).

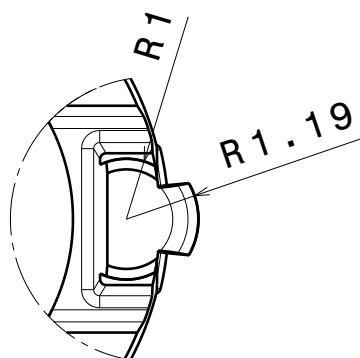
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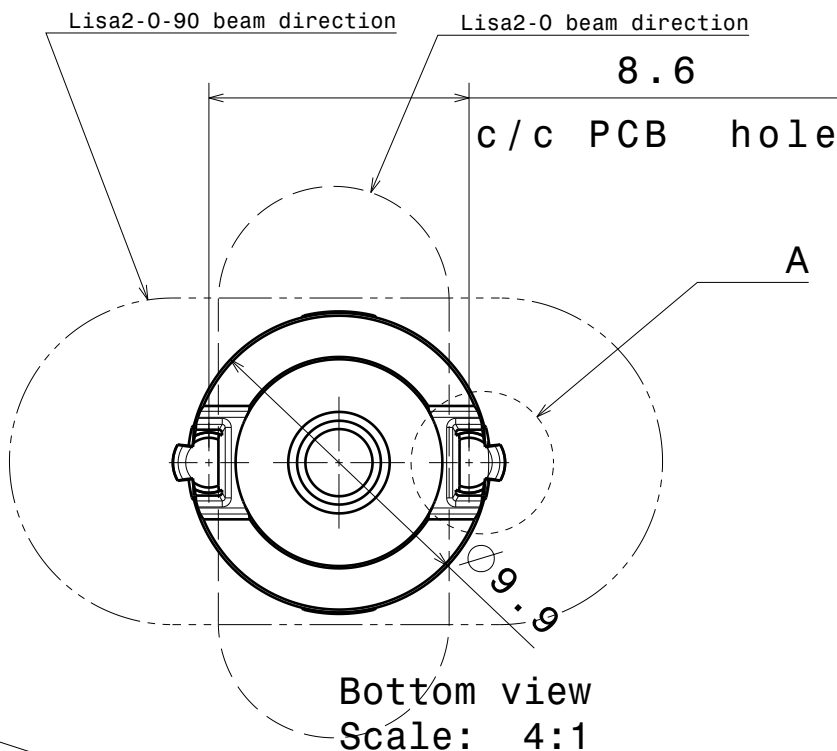
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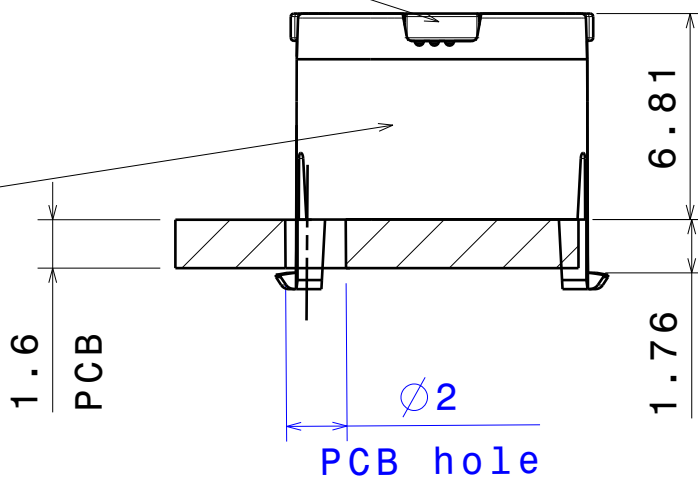
Detail A
Scale: 8:1



Lens

Bottom view
Scale: 4:1

Holder



Front view
Scale: 4:1

Materials:
Lens PMMA
Holder PC

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DRAWING TITLE

Datasheet Lisa2-clip16-XP series Assy

DRAWN BY

DATE

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20.7.2011

CHECKED BY

DATE

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20.7.2011

DESIGNED BY

DATE

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19.10.2009

SIZE

A4

DRAWING NUMBER

REV

2

SCALE

4:1

WEIGHT (g)

SHEET

1/1

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