PRODUCT DATASHEET
Leila series
last update 21/6/2012



Ordering number CP11633_LXP3-M

Family	Leila	FWHM	(simulated) 0
Type	Assembly	Efficiency	(simulated) 0 %
LED	XT-E	cd/lm	-
Color	White	Gerber File	Available
Diameter	21.6 mm		
Height	14.6 mm		
Style	Round	Suitable for Star PCB	
Optic Material	PMMA		
Holder Material	PC		
Fastening	Glue		
Status	Ready		



Ordering number CP12817_LXP3-RS2

Family	Leila	FWHM	10 degrees
Type	Assembly	Efficiency	93 %
LED	XT-E	cd/lm	15.600
Color	White	Gerber File	Available
Diameter	21.6 mm		
Height	14.6 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	PC		
Fastening	Glue		
Status	Ready		



Ordering number CP11632_LXP3-D

Family	Leila	FWHM	11 degrees
Type	Assembly	Efficiency	(simulated) 0 %
LED	XT-E	cd/lm	8.950
Color	White	Gerber File	Available
Diameter	21.6 mm		
Height	14.6 mm		
Style	Round	Suitable for Star PCB	
Optic Material	PMMA		
Holder Material	PC		
Fastening	Glue		
Status	Ready		



Ordering number CP11634_LXP3-O-90

Family	Leila	FWHM	12+34 degrees
Type	Assembly	Efficiency	(simulated) 0 %
LED	XT-E	cd/lm	3.860
Color	White	Gerber File	Available
Diameter	21.6 mm		
Height	14.6 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	PC		
Fastening	Glue		
Status	Ready		

Ledil Oy
Salorankatu 10
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Finland

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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.

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GENERAL INFORMATION

- Product series especially designed & optimized for XT-E 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 (105 degrees of Celcius / 220 degrees of Fahrenheit). 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%208N%20UL94_Yellow%20Card.pdf
http://ledil.fi/sites/default/files/Documents/Technical/Material/PMMA%208N%20PLEXIGLAS-Datasheet.pdf
- Optic holder molded by high quality PC material (120 dergees of Celcius / 248 degrees of Fahrenheit).

- Fastening to PCB with appropriate adhesive. By clicking link below you can find Ledil recommended glue options.
http://www.ledil.com/datasheets/DataSheet_GLUES.pdf

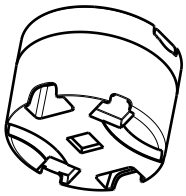
NOTE 1: We advise customer to ensure the suitability and sufficiency of the bond in the end product. For example, mechanical stress, vibration and holes on the surface of the circuit boar weaken the strength of the glue.

NOTE 2: All surfaces where glue is applied must be clean, dry and free from grease and dirt. If cleaning of PCB surfaces is needed, please follow strictly the cleaning instructions of your LED manufacturer -this is important as cleaning shall under no circumstances damage LEDs or other electronics components on the PCB.

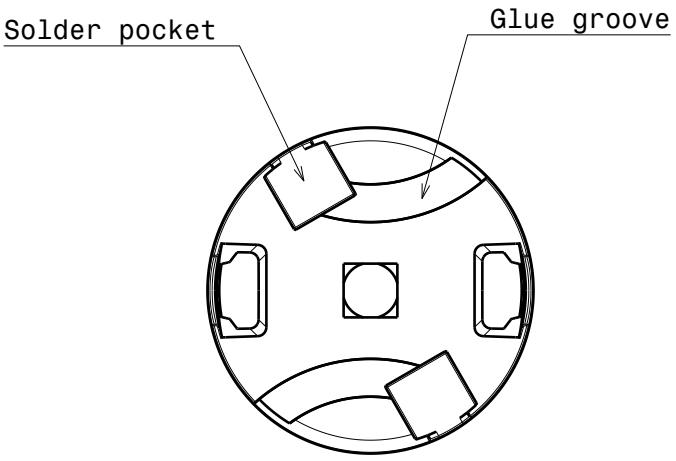
Further note that optical components shall not be cleaned with any chemicals - only micro fiber cloth may be used to remove fingerprints or other traces from handling.

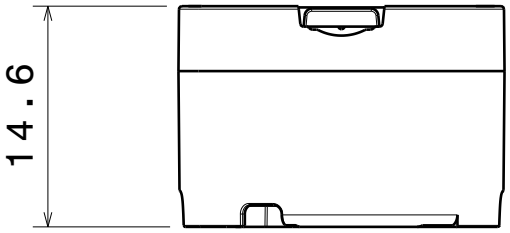
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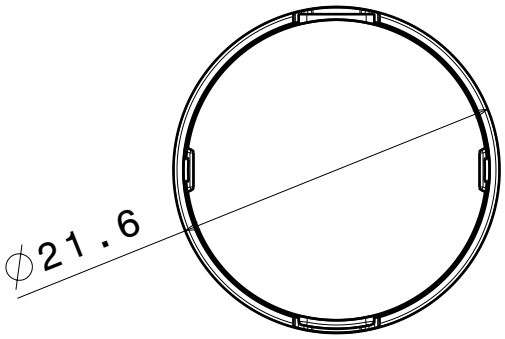


Isometric view
Scale: 1:1





Materials:
Holder: PC white
Lens: PMMA



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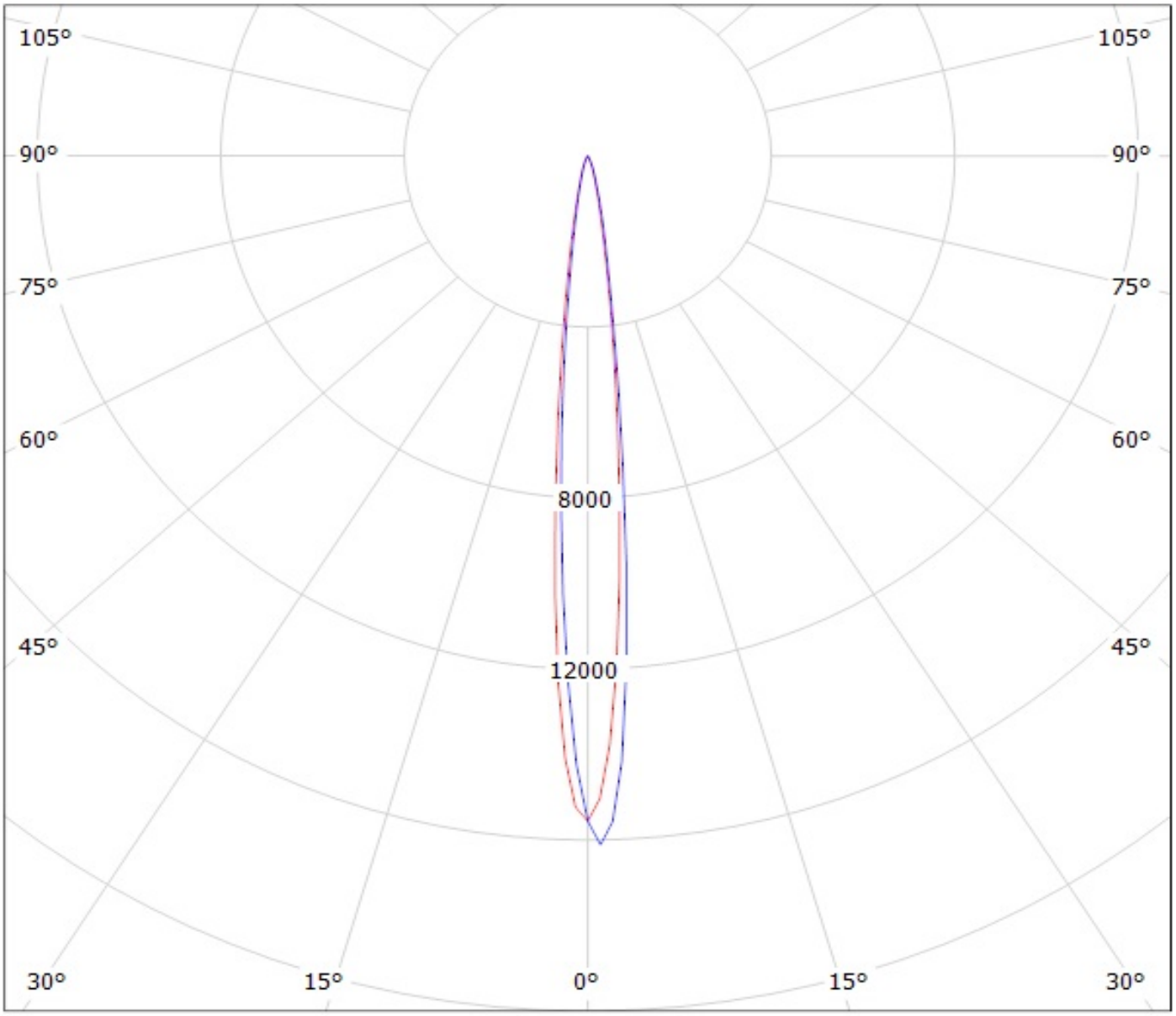
LEDIL

Lentilin

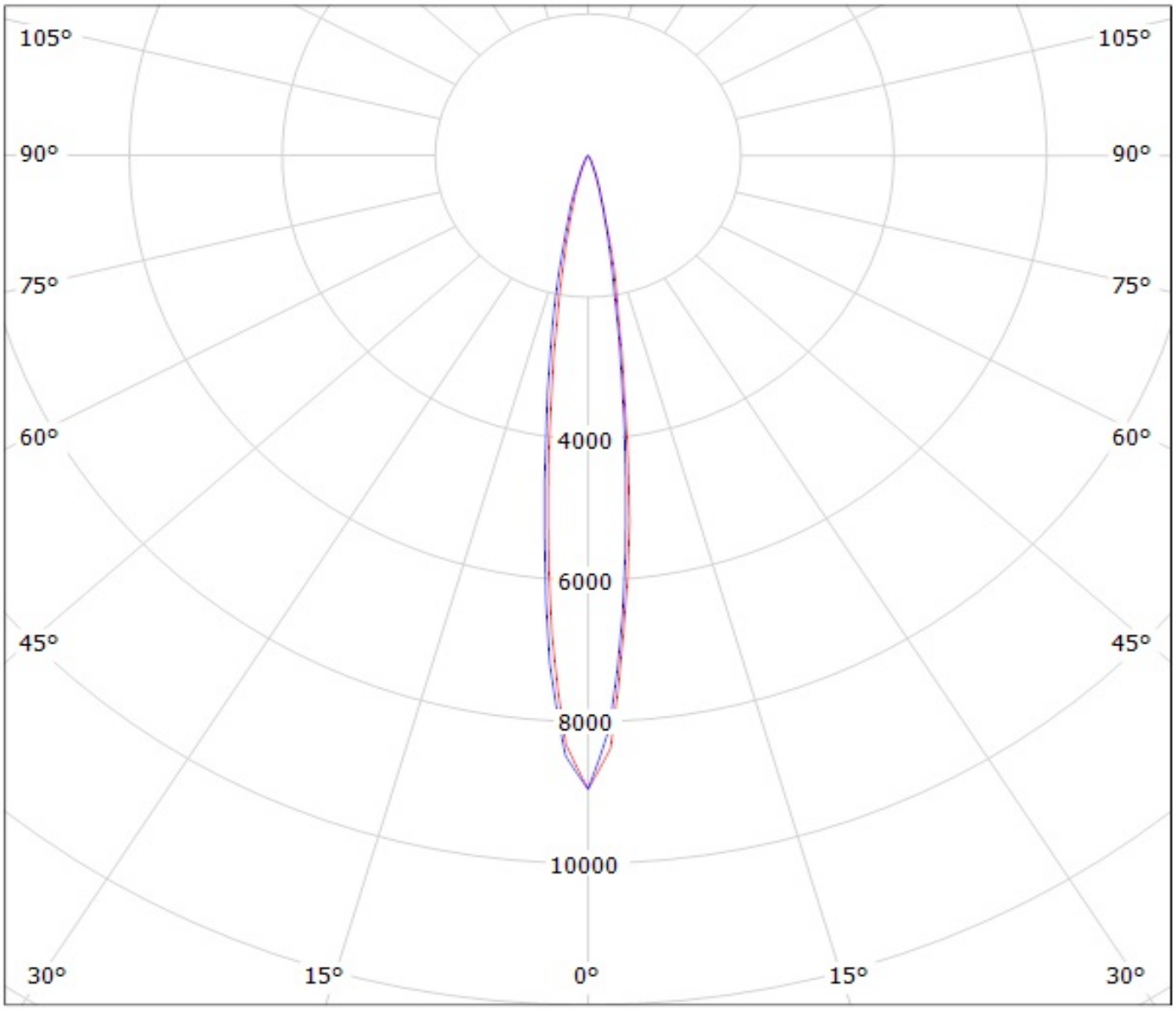
DRAWING TITLE
DATASHEET LXP3

DRAWN BY: m	DATE: 25.11.2010	SIZE: A4	DRAWING NUMBER	REV: 2
CHECKED BY: s n	DATE: 25.11.2010			
DESIGNED BY: HH	DATE: 30.04.2010	SCALE: 2:1	WEIGHT(g)	SHEET: 1/1

Luminaire: Ledil Oy CP12817_LXP3-RS2_(XT-E) Efficiency=92%
Lamps: 1 x Cree XT-E (AWT) 250mA 113lm



Luminaire: Ledil Oy CP11632_LXP3-D-WHT (Cree XT-E (AWT) 113lm @ 250mA)
Lamps: 1 x Cree XT-E 113lm @ 250mA



Luminaire: Ledil Oy CP11634-LXP3-O-90-WHT (Cree XT-E (AWT)) LOR=84%
Lamps: 1 x Cree XT-E (AWT)

