


Ordering number FA111739_LXP-RS2

Family	Leila	FWHM	10 degrees
Type	Assembly	Efficiency	94 %
LED	XP-G	cd/lm	14.100
Color	Black	Gerber File	Available
Diameter	21.6 mm		
Height	14.6 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	PC		
Fastening	Tape		
Status	Ready		


Ordering number FA10661_LXP-RS

Family	Leila	FWHM	11 degrees
Type	Assembly	Efficiency	95 %
LED	XP-G	cd/lm	20.800
Color	Black	Gerber File	Available
Diameter	21.6 mm		
Height	14.6 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	PC		
Fastening	Tape		
Status	Ready		


Ordering number FA10663_LXP-D

Family	Leila	FWHM	15 degrees
Type	Assembly	Efficiency	93 %
LED	XP-G	cd/lm	-
Color	Black	Gerber File	Available
Diameter	21.6 mm		
Height	14.6 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	PC		
Fastening	Tape		
Status	Ready		


Ordering number FA10660_LXP-M

Family	Leila	FWHM	26 degrees
Type	Assembly	Efficiency	91 %
LED	XP-G	cd/lm	-
Color	Black	Gerber File	Available
Diameter	21.6 mm		
Height	14.6 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	PC		
Fastening	Tape		
Status	Ready		



Ordering number FA111450_LXP-M2

Family	Leila	FWHM	28 degrees
Type	Assembly	Efficiency	91 %
LED	XP-G	cd/lm	3.100
Color	Black	Gerber File	Available
Diameter	21.6 mm		
Height	14.65 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	PC		
Fastening	Tape		
Status	Ready		



Ordering number FA122118_LXP-O

Family	Leila	FWHM	36+14 degrees
Type	Assembly	Efficiency	89 %
LED	XP-G	cd/lm	3.800
Color	Black	Gerber File	Available
Diameter	21.6 mm		
Height	14.65 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	PC		
Fastening	Tape		
Status	Ready		



Ordering number FA10662_LXP-REC

Family	Leila	FWHM	38+23 degrees
Type	Assembly	Efficiency	84 %
LED	XP-G	cd/lm	-
Color	Black	Gerber File	Available
Diameter	21.6 mm		
Height	14.6 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	PC		
Fastening	Tape		
Status	Ready		



Ordering number FA111116_LXP-O-90

Family	Leila	FWHM	41+13 degrees
Type	Assembly	Efficiency	91 %
LED	XP-G	cd/lm	4.700
Color	Black	Gerber File	Available
Diameter	21.6 mm		
Height	14.6 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	PC		
Fastening	Tape		
Status	Ready		



Ordering number FA10832_LXP-W

Family	Leila	FWHM	46 degrees
Type	Assembly	Efficiency	84 %
LED	XP-G	cd/lm	-
Color	Black	Gerber File	Available
Diameter	21.6 mm		
Height	14.6 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	PC		
Fastening	Tape		
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.

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%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 heat sink with a PU foam adhesive tape of automotive grade. Please find fastening details by clicking link: http://www.ledil.com/datasheets/DataSheet_TAPE.pdf

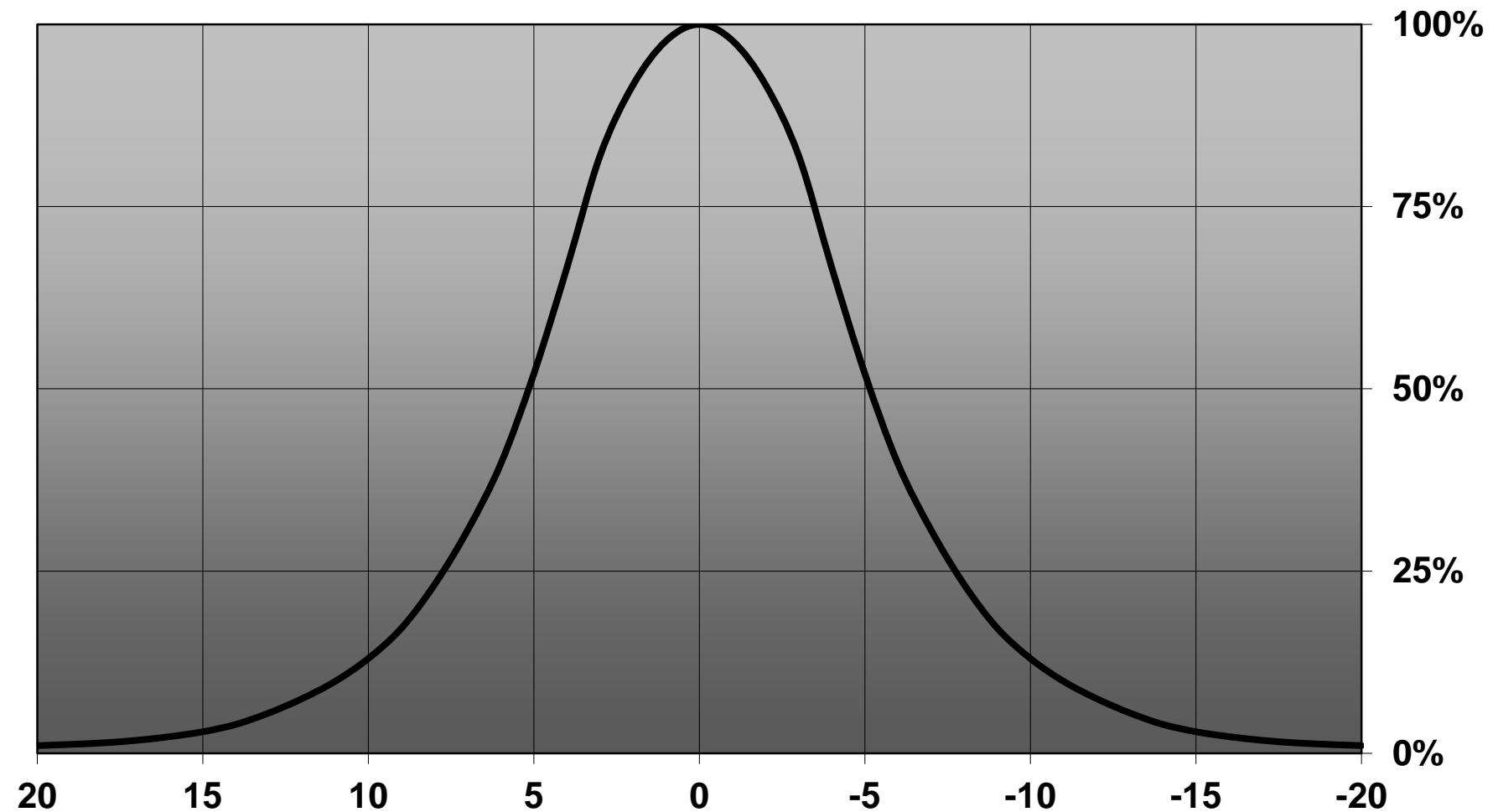
NOTE 1: We advise customer to ensure the suitability and sufficiency of the bond in the end product. For example, mechanical stress, vibration and holes on the surface of the circuit board weaken the strength of the tape.

NOTE 2: Assembly to the surface must be made straight, so the tape bonds constant and balanced with fastening surface. Slanted assembly might cause unbalanced bond to the surface. All surfaces where tape 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.

Relative intensity of FA11739_LXP-RS2-XPG



D

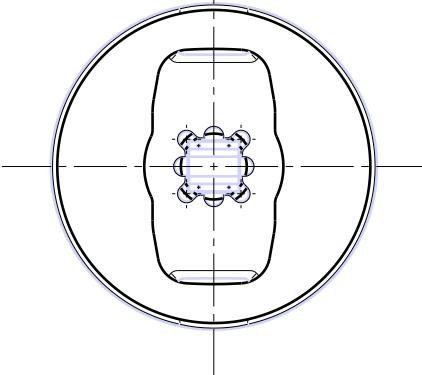
C

B

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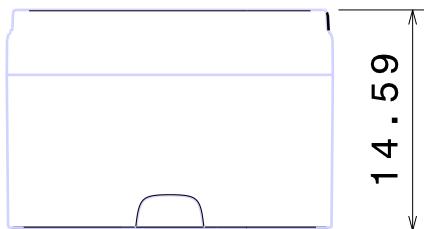
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Bottom view



3

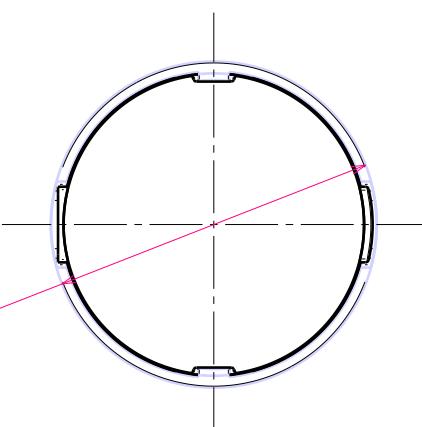
Side view



Tape 0,2mm

2

Top view



MATERIALS

Lens: PMMA

Holder: PC

Tape: PU Foam

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DRAWING TITLE

Ledil Oy
Tehdaskatu 13
FIN-24100 SALO
Finland

1

DRAWN BY
pv

DATE
15.02.2010

Datasheet Leila LXP-Series assy

CHECKED BY
tk

DATE
23.11.2009

SIZE A4 DRAWING NUMBER REV 2

DESIGNED BY
HH

DATE
23.11.2009

SCALE 2:1 WEIGHT(g) - SHEET 1/1

D

A

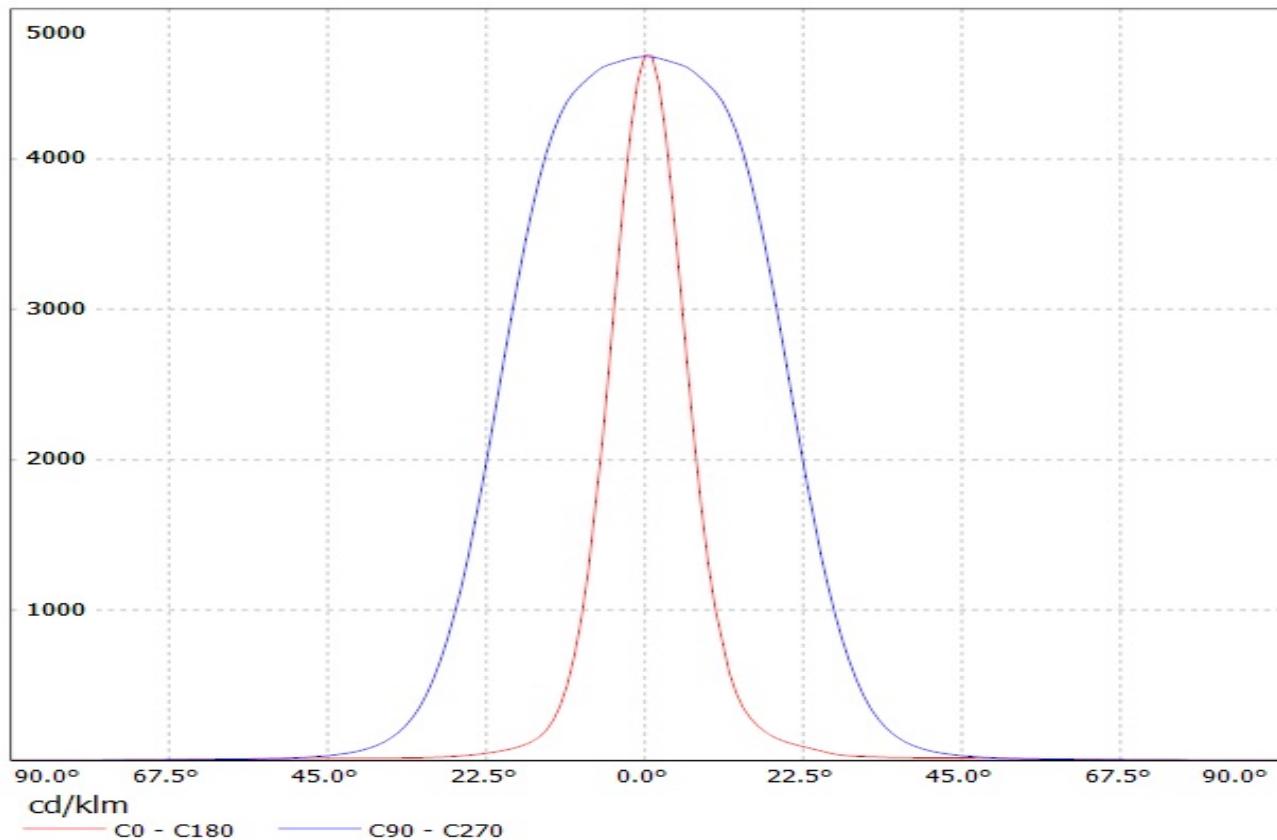
4

3

2

1

Luminaire: LEDIL OY FA11116-LXP-O-90 (XP-G) Efficiency=91%
Lamps: 1 x Cree XP-G (86lm@250mA)



Luminaire: LEDIL OY FA11116-LXP-O-90 (XP-G) Efficiency=91%
Lamps: 1 x Cree XP-G (86lm@250mA)

