

PRODUCT DATASHEET

Leila series

last update 20/9/2013

**Product number FCA12265_LR2-W**

Family	Leila	FWHM	(simulated)
Type	Assembly	Efficiency	-
LED	LUXEON Rebel	cd/Im	-
Color	White	Gerber File	Available
Diameter	21.6 mm		
Height	14.6 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	PC		
Fastening	Pin, tape		
Status	On production		

**Product number CA12393_LR2-W**

Family	Leila	FWHM	(simulated) 44
Type	Assembly	Efficiency	-
LED	LUXEON Rebel	cd/Im	1.200
Color	White	Gerber File	Available
Diameter	21.6 mm		
Height	14.3 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	PC		
Fastening	Pin, tape		
Status	On production		

**Product number CA12262_LR2-RS**

Family	Leila	FWHM	8 degrees
Type	Assembly	Efficiency	95 %
LED	LUXEON Rebel	cd/Im	-
Color	White	Gerber File	Available
Diameter	21.6 mm		
Height	14.3 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	PC		
Fastening	Pin, tape		
Status	On production		

**Product number CA12263_LR2-D**

Family	Leila	FWHM	11 degrees
Type	Assembly	Efficiency	94 %
LED	LUXEON Rebel	cd/Im	-
Color	White	Gerber File	Available
Diameter	21.6 mm		
Height	14.3 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	PC		
Fastening	Pin, tape		
Status	On production		

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**Product number CA12264_LR2-M**

Family	Leila	FWHM	23 degrees
Type	Assembly	Efficiency	93 %
LED	LUXEON Rebel	cd/Im	(simulated) 0.000
Color	White	Gerber File	Available
Diameter	21.6 mm		
Height	14.3 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	PC		
Fastening	Pin, tape		
Status	On production		

**Product number CA11640_LR2-O-90**

Family	Leila	FWHM	42+10 degrees
Type	Assembly	Efficiency	88 %
LED	LUXEON Rebel	cd/Im	5.200
Color	White	Gerber File	Available
Diameter	21.6 mm		
Height	14.3 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	PC		
Fastening	Pin, tape		
Status	On production		

**Product number FCA11275_LR2-W**

Family	Leila	FWHM	48 degrees
Type	Assembly	Efficiency	90 %
LED	LUXEON Rebel	cd/Im	-
Color	Black	Gerber File	Available
Diameter	21.6 mm		
Height	14.3 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	PC		
Fastening	Pin, tape		
Status	On production		

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 LUXEON Rebel 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.

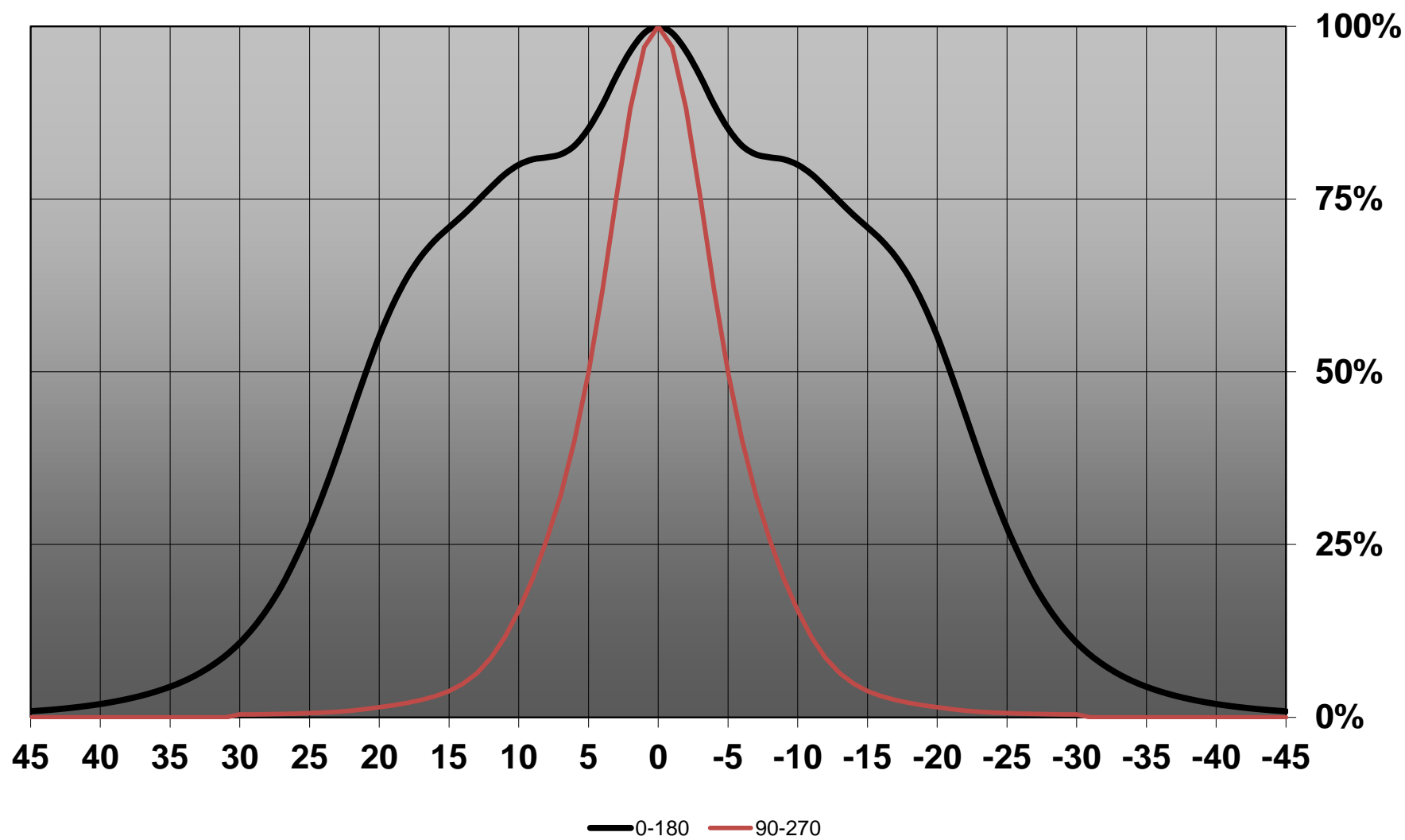
Please find more information about used material from below:

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).

Relative intensity of CA11640_LR2-O-90_(Rebel)



D

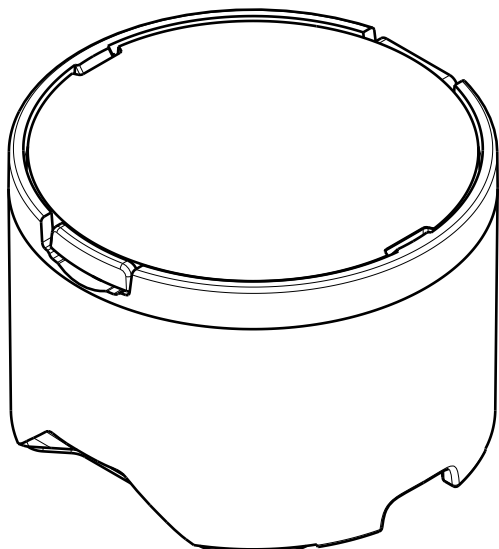
C

B

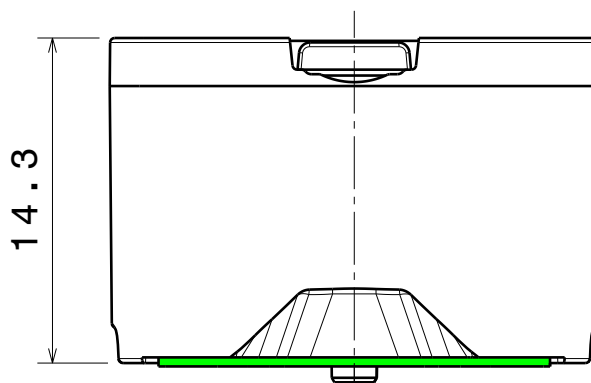
A

4

4



Isometric view
Scale: 3:1



Front view
Scale: 3:1

3

3

Tape 0.4mm

$\phi 2$

8.6
C/C

$\phi 21.56$

LED position

Bottom view
Scale: 3:1

2

2

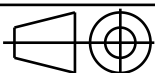
CA12393_LR2-W
FCA11275_LR2-W
FCA12265_LR2-W

Tolerances if not otherwise shown
According to DIN ISO 2768-1
Linear measures:
Up to 30mm class M, otherwise class C.
According to DIN ISO 2768-2
Form and position: class L

LEDiL

Ledil Oy
Salorankatu 10
FIN 24240 SALO
Finland

THIRD ANGLE PROJECTION:



DRAWING TITLE

Leila-LR2-W

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SIZE

A4

PART NUMBER

-

SCALE

3:1

WEIGHT

-

SHEET

1/1

D

A

1