

**Product number CA11929_LR2-RS**

Family	Leila	FWHM	11 degrees
Type	Assembly	Efficiency	94 %
LED	LUXEON Rebel ES	cd/Im	-
Color	White	Gerber File	Available
Diameter	21.6 mm		
Height	14.8 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	["tape", "pin"]		
Status	Production ready		

**Product number CA12629_LR2-O-90**

Family	Leila	FWHM	13+36 degrees
Type	Assembly	Efficiency	92 %
LED	LUXEON Rebel ES	cd/Im	4.700
Color	White	Gerber File	Available
Diameter	21.6 mm		
Height	14.8 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	["tape", "pin"]		
Status	Production ready		

**Product number CA11930_LR2-D**

Family	Leila	FWHM	14 degrees
Type	Assembly	Efficiency	92 %
LED	LUXEON Rebel ES	cd/Im	-
Color	White	Gerber File	Available
Diameter	21.6 mm		
Height	14.8 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	["pin", "tape"]		
Status	Production ready		

**Product number CA11931_LR2-M**

Family	Leila	FWHM	22 degrees
Type	Assembly	Efficiency	92 %
LED	LUXEON Rebel ES	cd/Im	(simulated) 0.000
Color	White	Gerber File	Available
Diameter	21.6 mm		
Height	14.8 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	["pin", "tape"]		
Status	Production ready		

PRODUCT DATASHEET**Leila series**

last update 19/2/2013

**Product number** C13353_LEILA-R-CLIP16

Family	Leila	FWHM	74 degrees
Type	Reflector	Efficiency	93 %
LED	LUXEON Rebel ES	cd/Im	0.600
Color	White	Gerber File	Available
Diameter	21.6 mm		
Height	13 mm		
Style	Round		
Optic Material	HRPC		
Holder Material	-		
Fastening	["clips"]		
Status	Production 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

Leila series

last update 19/2/2013

GENERAL INFORMATION

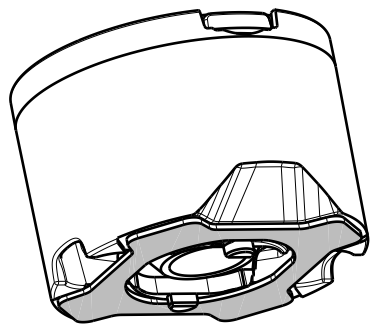
- Product series especially designed & optimized for LUXEON Rebel ES series of LEDs.
- Special care taken to make light distribution as uniform as possible.
- Lens material optical grade PMMA with high UV and temperature resistance. Allows use of high current and temperature conditions.

Please find more information about used material from below:

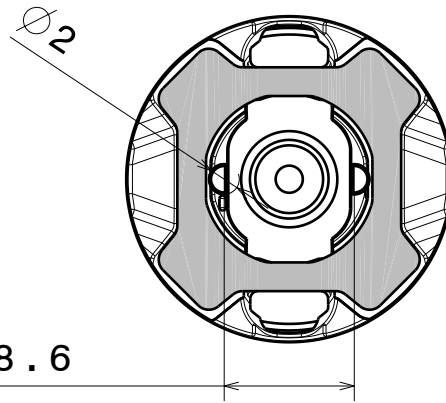
http://ledil.fi/sites/default/files/Documents/Technical/Material/PMMA%20N%20UL94_Yellow%20Card.pdf

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

- Reflector is made of aluminium coated PC (120 degrees of Celcius / 248 degrees of Fahrenheit) with protective lacquer (short term 100 degrees of Celcius / 212 degrees of Fahrenheit).



Isometric view



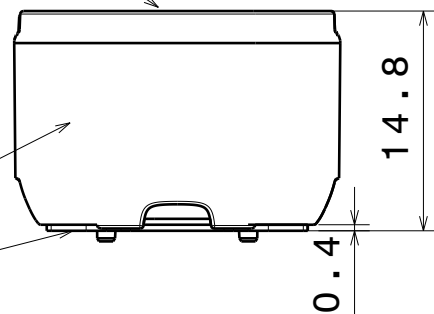
8.6

c / c

Lens

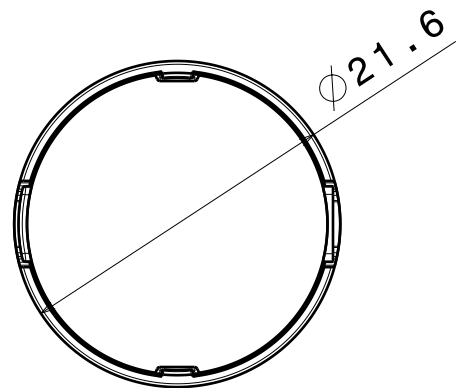
CA11703 LR2 LH1-holder-tape

tape



14.8

0.4



Top view

Materials:

Lens: PMMA

Holder: PC white

Tape: PU FOAM

Codes:

CA11929_LR2-ES-RS

CA11930_LR2-ES-D

CA11931_LR2-ES-M

CA11932_LR2-ES-O-90

CA12394_LR2-W-WHT

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DRAWING TITLE

Datasheet LR2-ES series assy

DRAWN BY

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DATE

21.11.2011

CHECKED BY

s n

DATE

21.11.2011

DESIGNED BY

pl

DATE

27.08.2010

SIZE

A4

DRAWING NUMBER

-

REV

2

SCALE

1:1

WEIGHT (g)

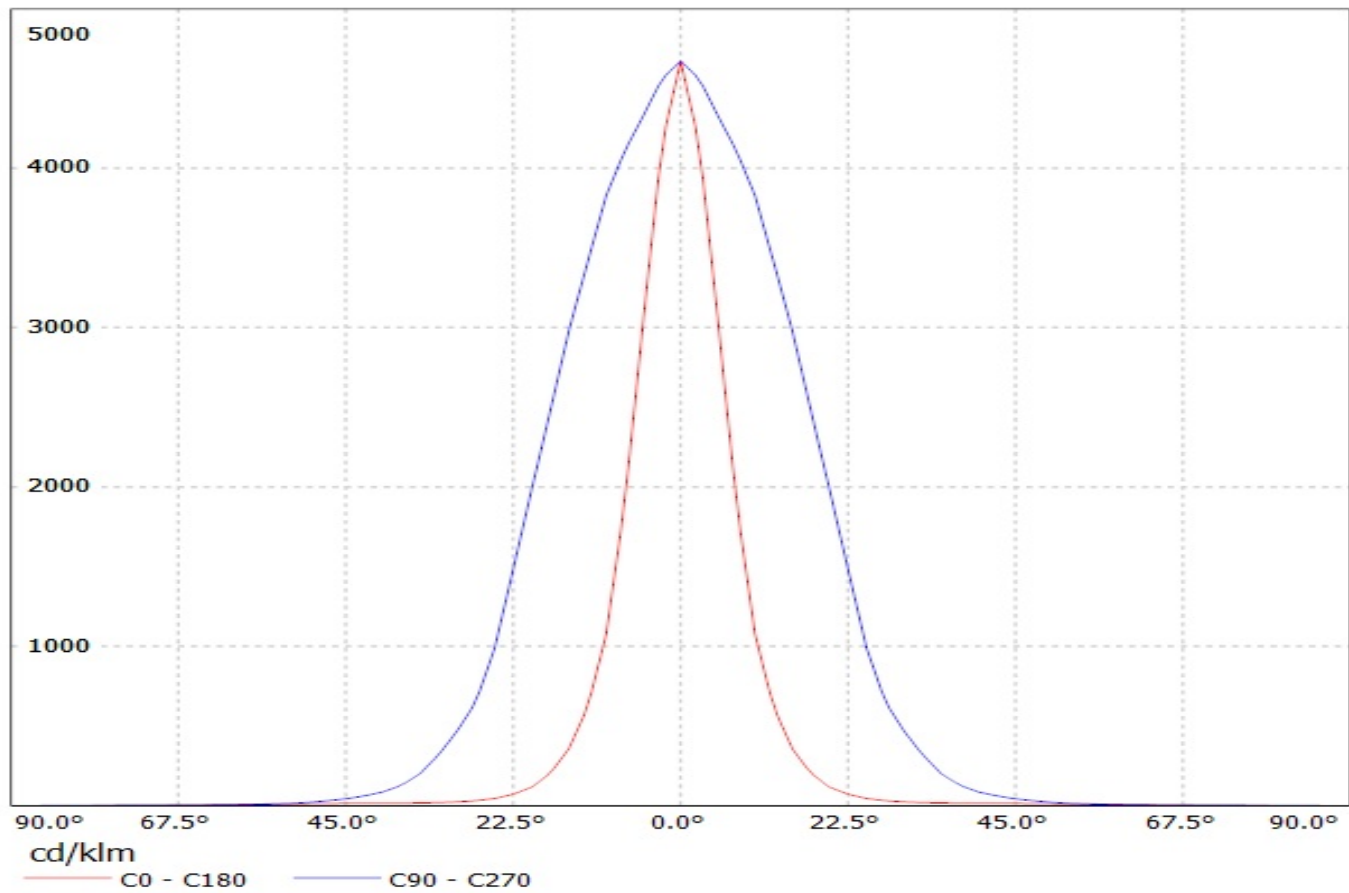
SHEET

1/1

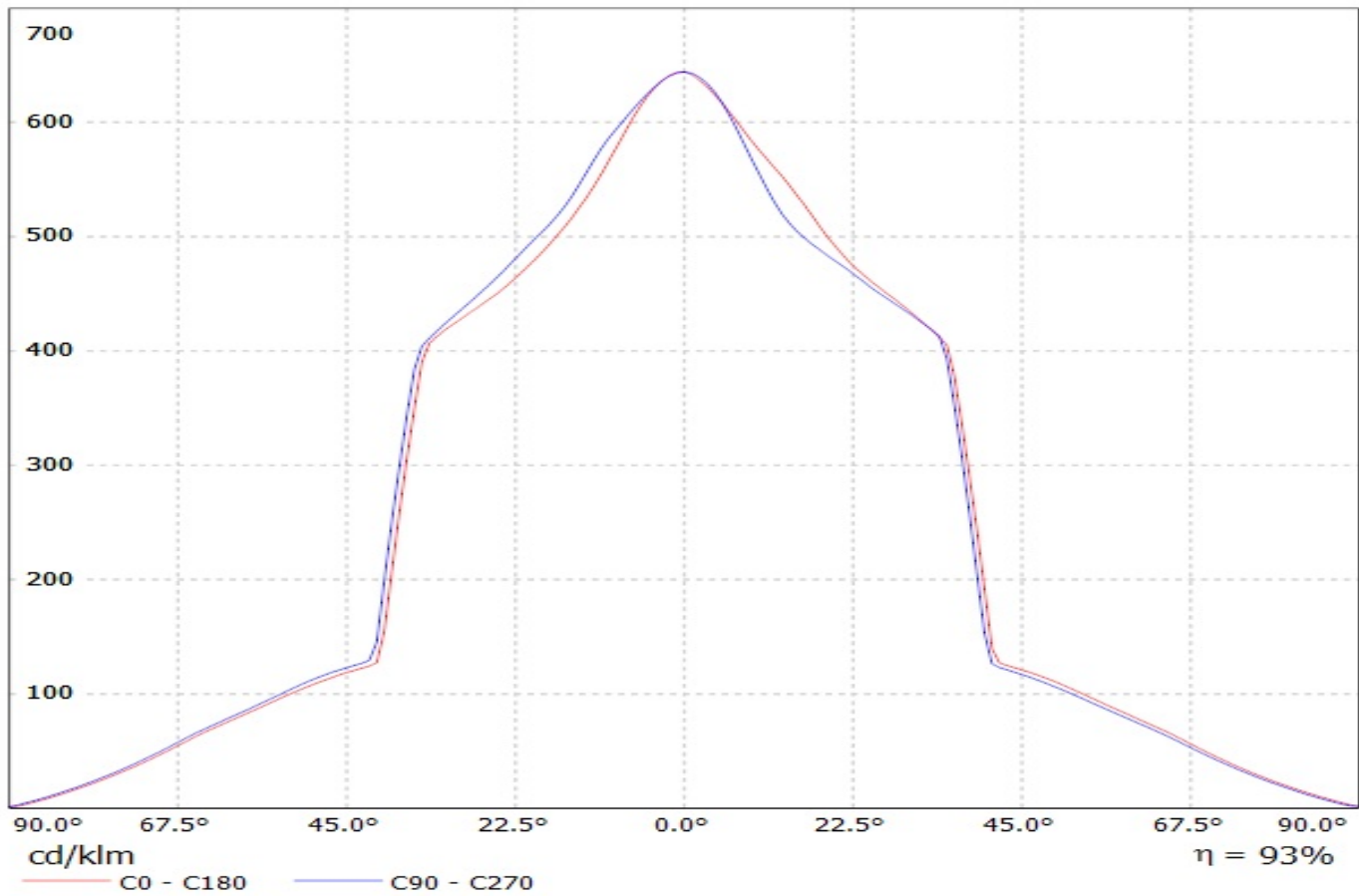
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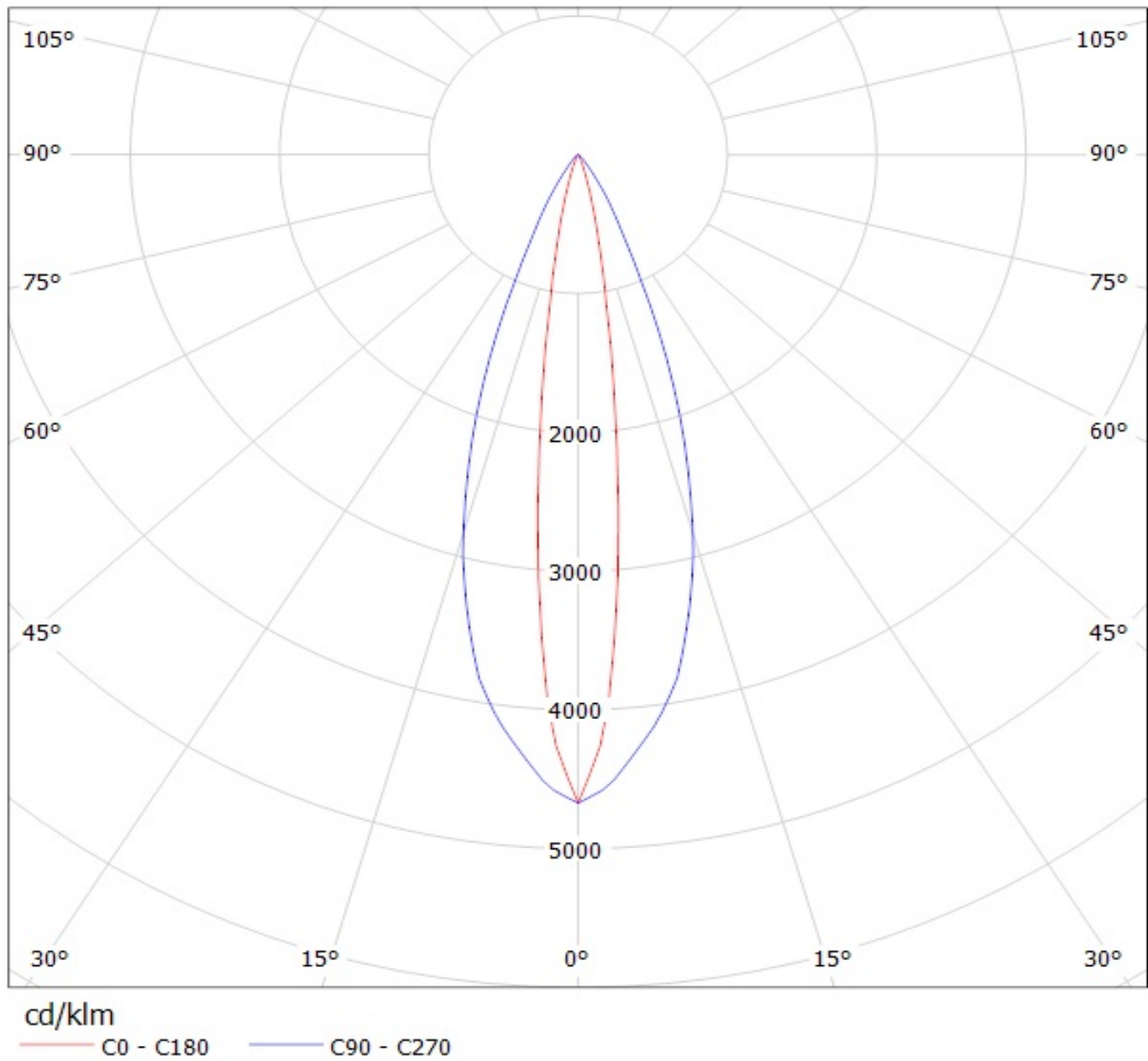
Luminaire: Ledil Oy CA12629_LR2-O-90 (Luxeon Rebel-ES 89lm @ 250mA) Efficiency=92%
Lamps: 1 x Luxeon Rebel-ES 89lm @ 250mA



Luminaire: LEDiL Oy C13353_LEILA-R-CLIP16
Lamps: 1 x Luxeon Rebel-ES 91lm @ 250mA



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