

**Product number C11799_ANNA-50-4-S**

Family	Anna-50-4	FWHM	19 degrees
Type	Lens array	Efficiency	87 %
LED	LUXEON A	cd/lm	5.710
Color	Clear	Gerber File	Available
Diameter	50 mm		
Height	10.7 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	["glue", "pin"]		
Status	Production ready		

Product number C11800_ANNA-50-4-M

Family	Anna-50-4	FWHM	26 degrees
Type	Lens array	Efficiency	84 %
LED	LUXEON A	cd/lm	2.840
Color	Clear	Gerber File	Available
Diameter	50 mm		
Height	10.7 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	["glue", "pin"]		
Status	Production ready		

Product number C11801_ANNA-50-4-W

Family	Anna-50-4	FWHM	34 degrees
Type	Lens array	Efficiency	82 %
LED	LUXEON A	cd/lm	1.680
Color	Clear	Gerber File	Available
Diameter	50 mm		
Height	10.7 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	["glue", "pin"]		
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

Anna-50-4 series

last update 7/3/2014

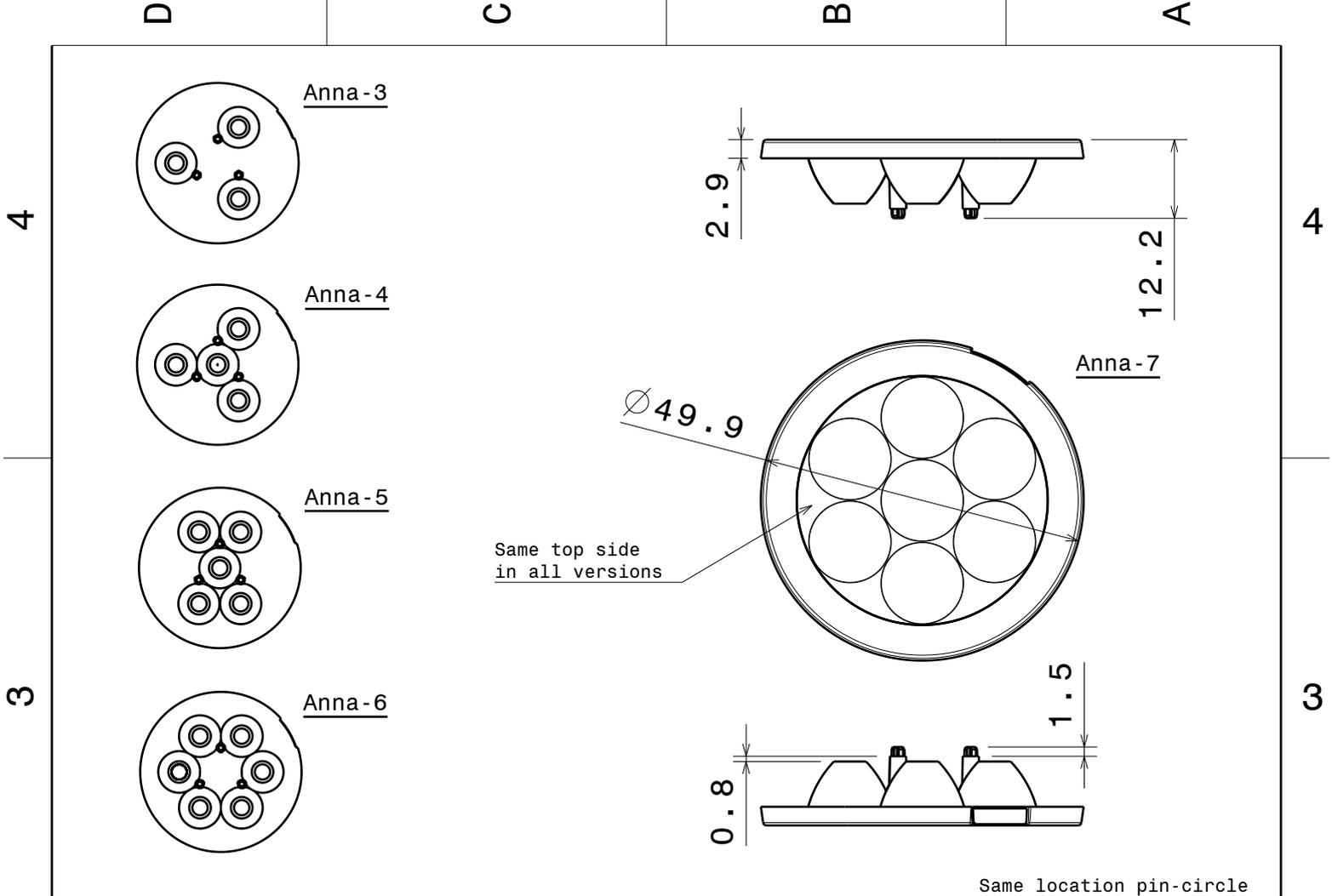
GENERAL INFORMATION

- Product series especially designed & optimized for LUXEON A 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>

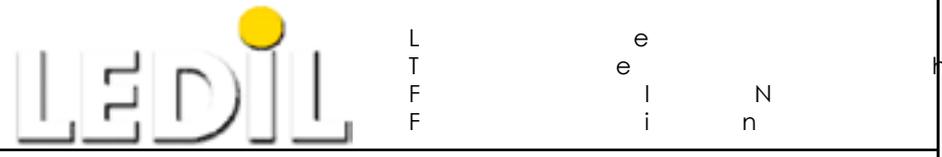


Material: PMMA

- Versions:
 Anna-3-S
 Anna-3-M
 Anna-3-W
 Anna-4-S
 Anna-4-M
 Anna-4-W
 Anna-5-S
 Anna-5-M
 Anna-5-W
 Anna-6-S
 Anna-6-M
 Anna-6-W
 Anna-7-S
 Anna-7-M
 Anna-7-W

Number of cones varies;
 3, 4, 5, 6 and 7 pcs
 on bottom side depending
 the version.

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DRAWING TITLE

DRAWN BY
p

DATE
05.10.2010

CHECKED BY
t k

DATE
03.08.2010

SIZE A4 DRAWING NUMBER -

REV 1

DESIGNED BY
hh

DATE
30.07.2010

SCALE 1:1 WEIGHT (g)

SHEET 1/1

4

4

3

3

2

2

1

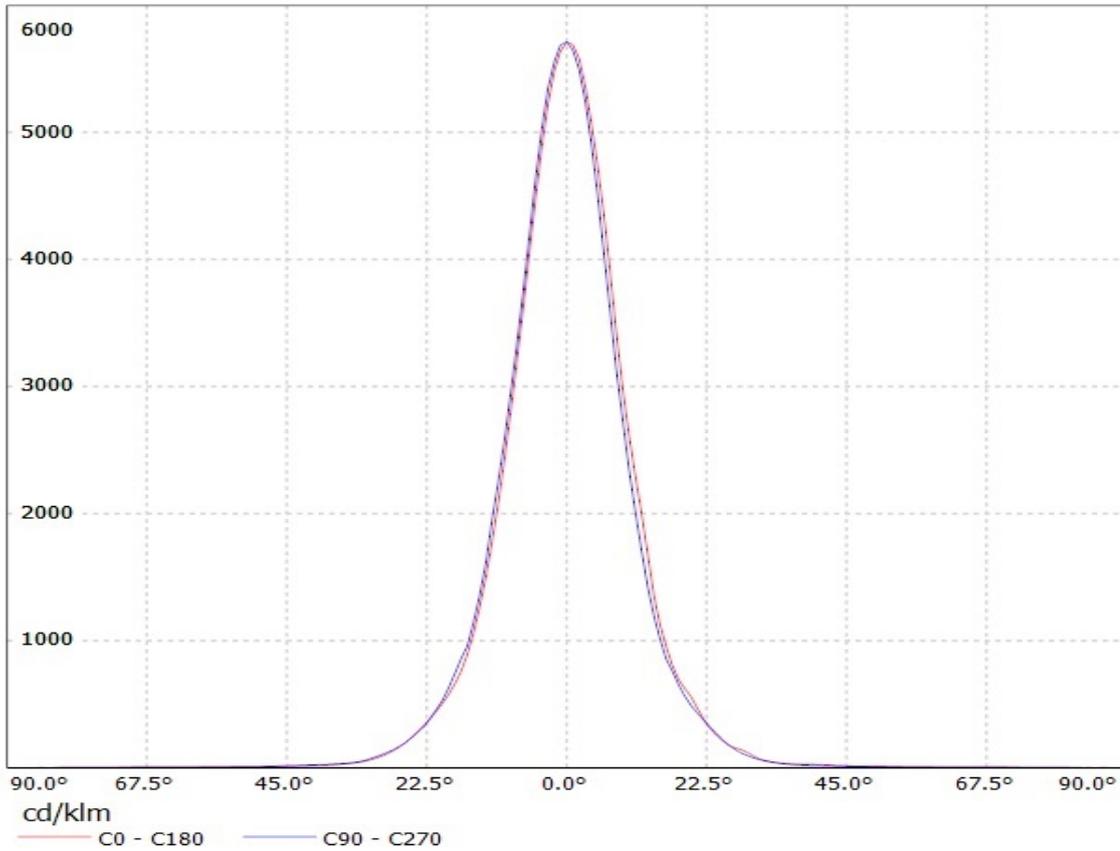
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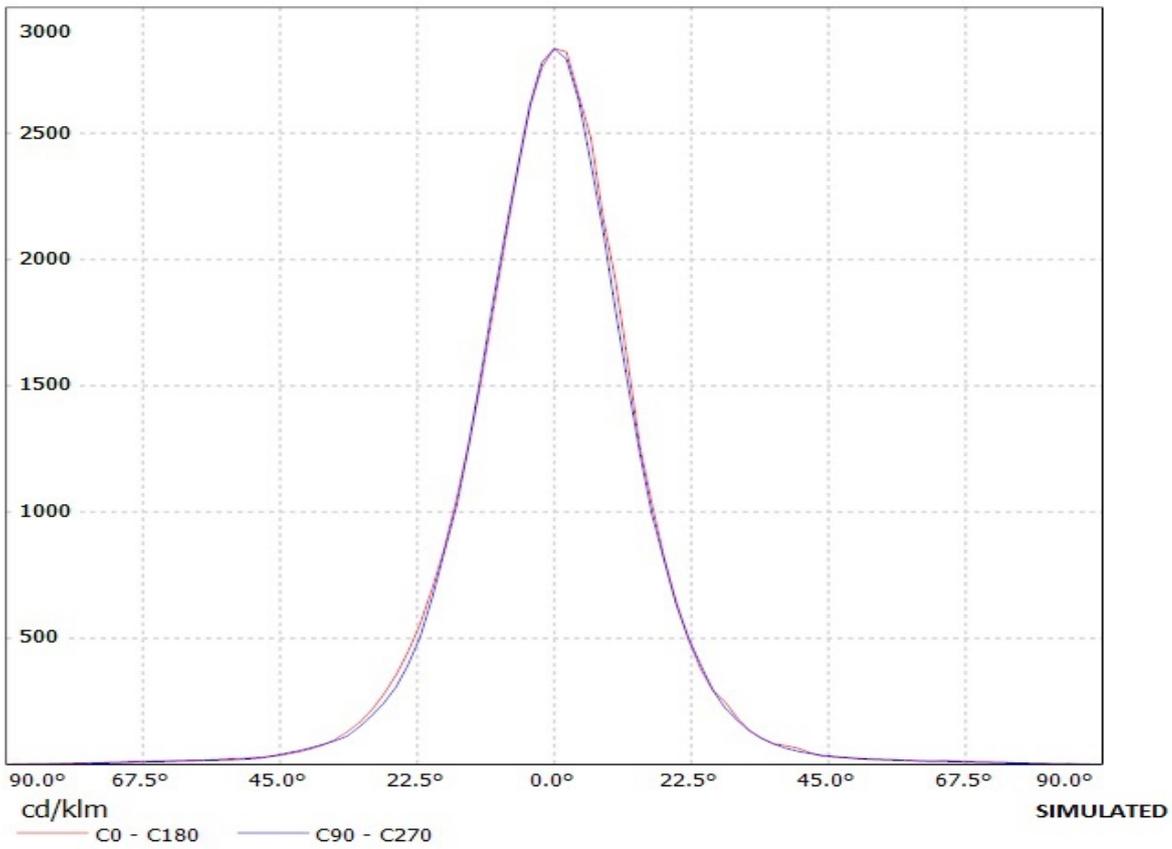
Ledil Oy C11799-Anna-50-4-S-RE-A Efficiency=87% / LDC (Linear)

Luminaire: Ledil Oy C11799-Anna-50-4-S-RE-A Efficiency=87%
Lamps: 1 x Luxeon-A 296lm 250mA



Ledil Oy C11800-Anna-50-4-M-RE-A Efficiency=84% / LDC (Linear)

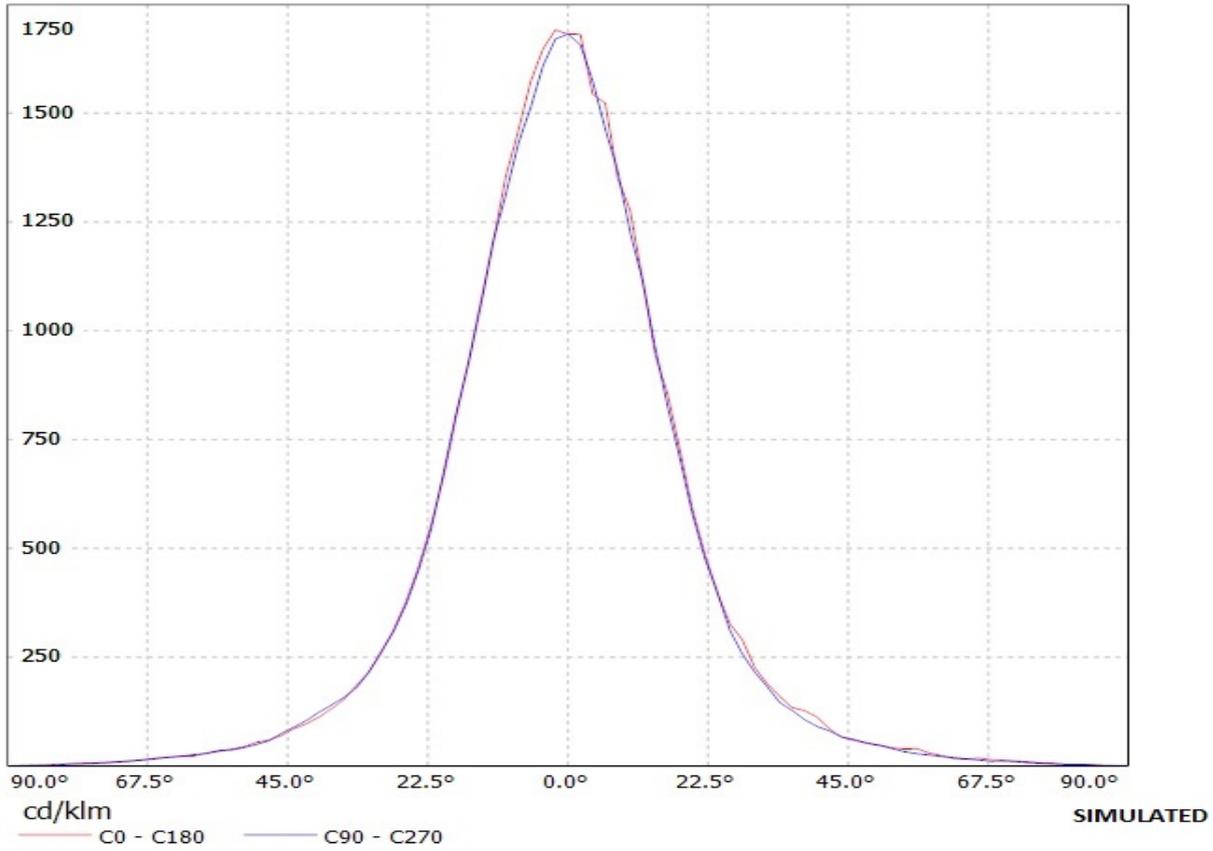
Luminaire: Ledil Oy C11800-Anna-50-4-M-RE-A Efficiency=84%
Lamps: 1 x Luxeon-A 296lm 250mA



Ledil Oy C11801-Anna-50-4-W-RE-A Efficiency=82% / LDC (Linear)

Luminaire: Ledil Oy C11801-Anna-50-4-W-RE-A Efficiency=82%

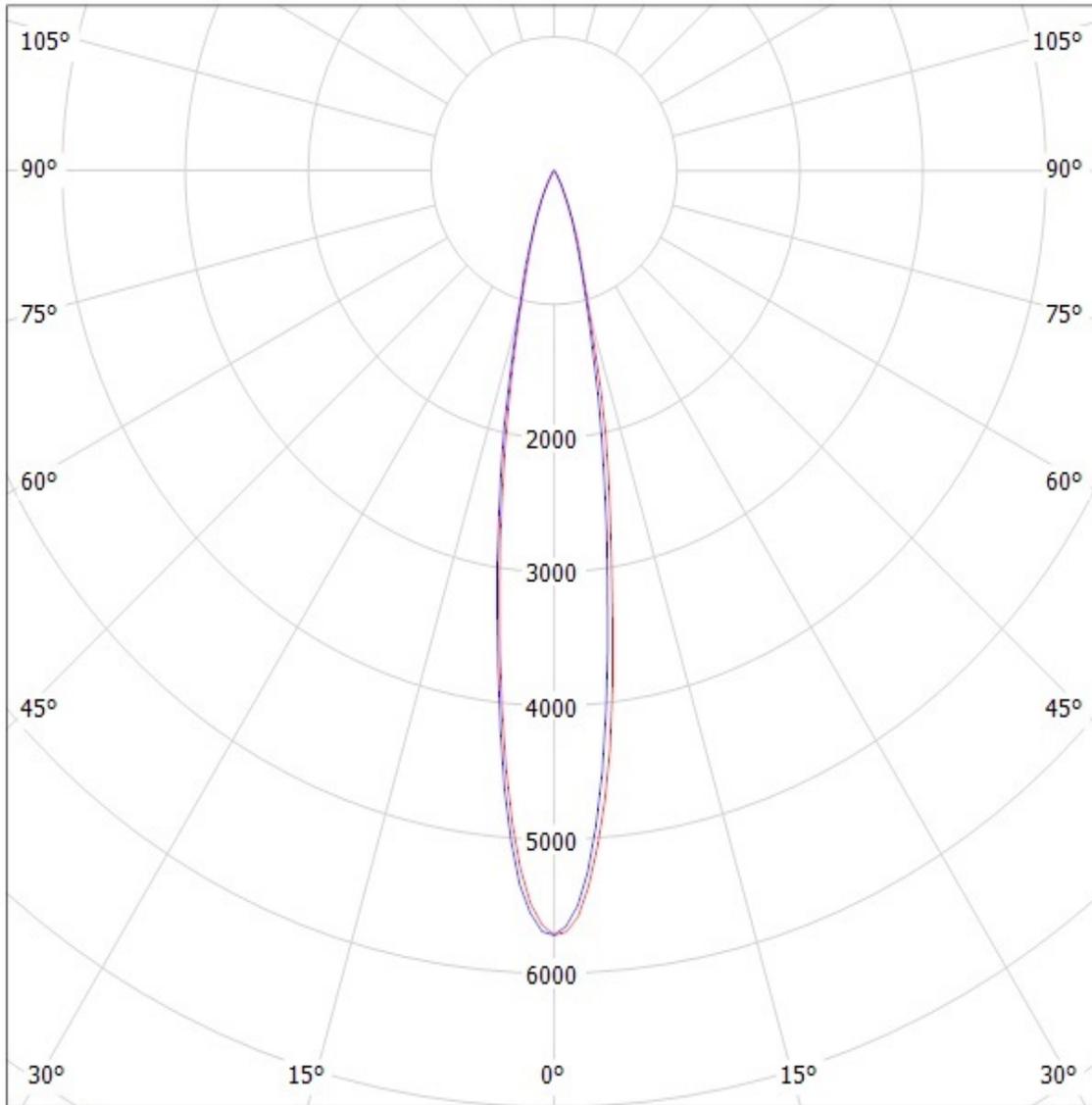
Lamps: 1 x Luxeon-A 296lm 250mA



Ledil Oy C11799-Anna-50-4-S-RE-A Efficiency=87% / LDC (Polar)

Luminaire: Ledil Oy C11799-Anna-50-4-S-RE-A Efficiency=87%

Lamps: 1 x Luxeon-A 296lm 250mA



cd/klm

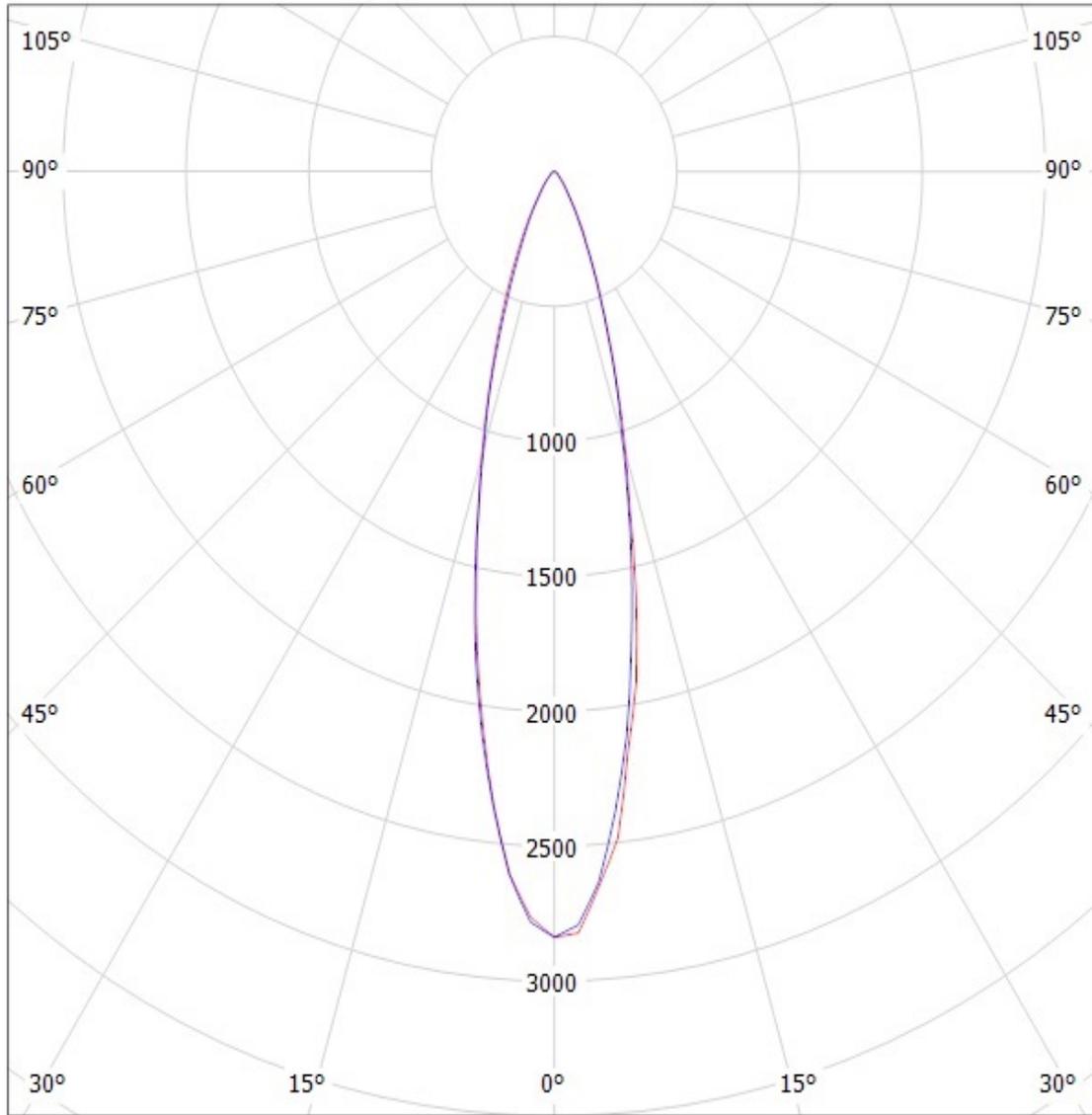
— C0 - C180

— C90 - C270

SIMULATED

Ledil Oy C11800-Anna-50-4-M-RE-A Efficiency=84% / LDC (Polar)

Luminaire: Ledil Oy C11800-Anna-50-4-M-RE-A Efficiency=84%
Lamps: 1 x Luxeon-A 296lm 250mA



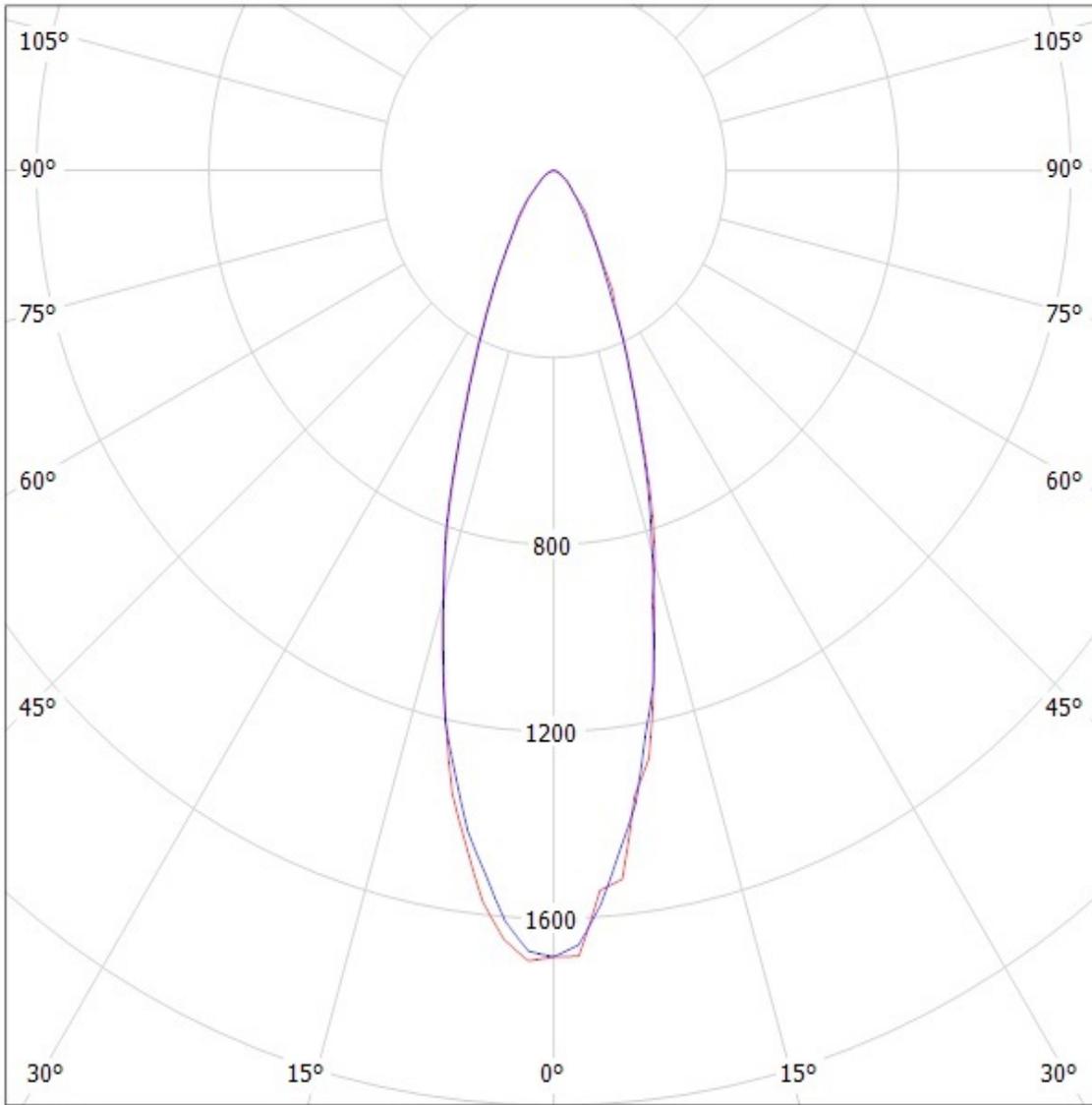
cd/klm

— C0 - C180 — C90 - C270

SIMULATED

Ledil Oy C11801-Anna-50-4-W-RE-A Efficiency=82% / LDC (Polar)

Luminaire: Ledil Oy C11801-Anna-50-4-W-RE-A Efficiency=82%
Lamps: 1 x Luxeon-A 296lm 250mA



cd/klm

— C0 - C180 — C90 - C270

SIMULATED