

**Product number C11811_ANNA-50-6-S**

Family	Anna-50-6	FWHM	18 degrees
Type	Lens array	Efficiency	93 %
LED	XP-G	cd/lm	5.940
Color	Clear	Gerber File	Available
Diameter	50 mm		
Height	10.7 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	["pin", "glue"]		
Status	Production ready		

Product number C11812_ANNA-50-6-M

Family	Anna-50-6	FWHM	25 degrees
Type	Lens array	Efficiency	91 %
LED	XP-G	cd/lm	3.600
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 C11813_ANNA-50-6-W

Family	Anna-50-6	FWHM	36 degrees
Type	Lens array	Efficiency	87 %
LED	XP-G	cd/lm	2.000
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-50-6 series

last update 7/3/2014

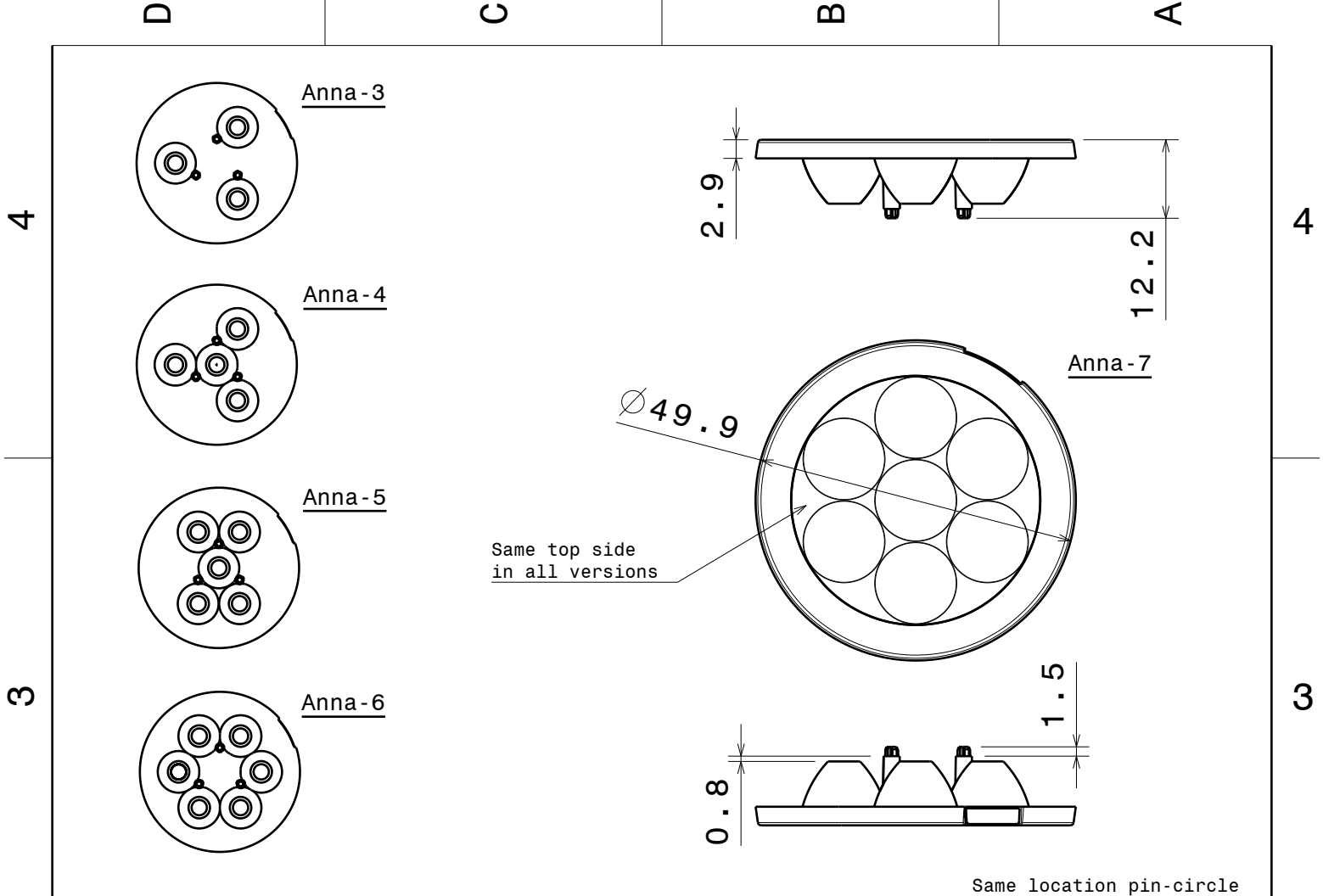
GENERAL INFORMATION

- 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%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

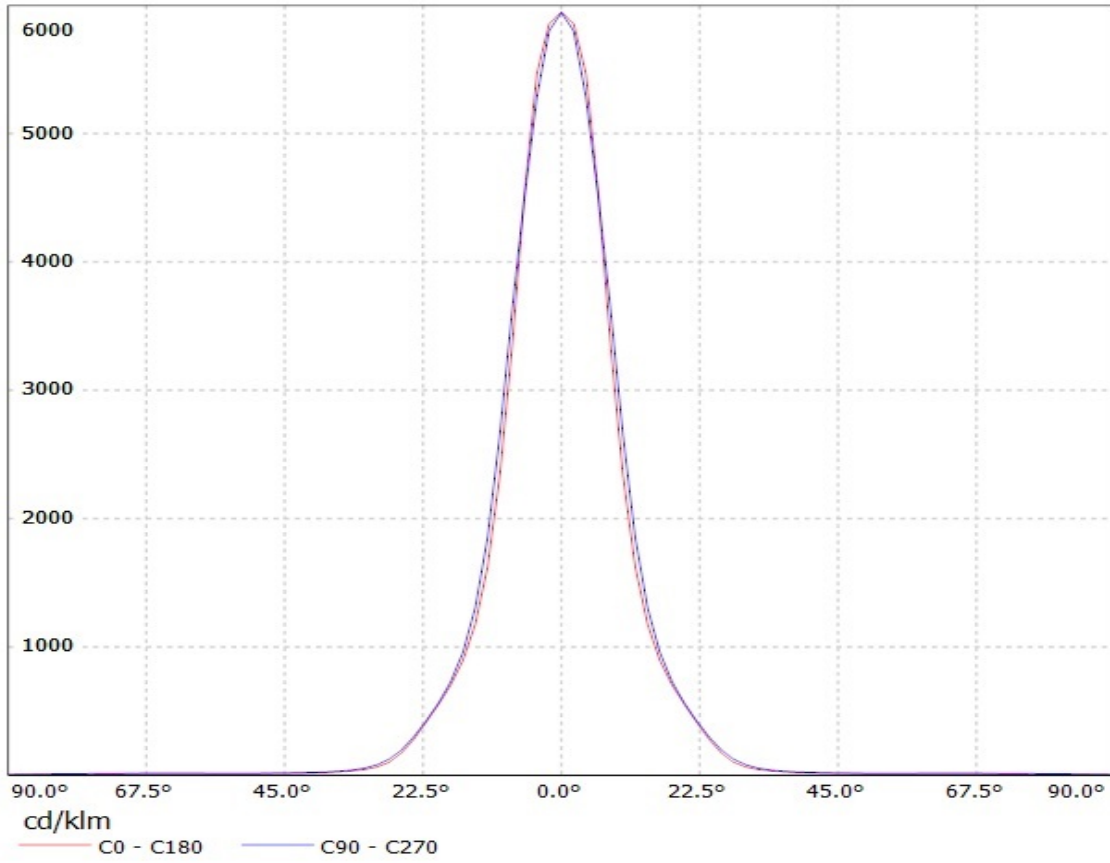
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Ledil Oy C11811_AnnA-50-6-S-XP-G C11811_AnnA-50-6-S-XP-G / LDC (Linear)

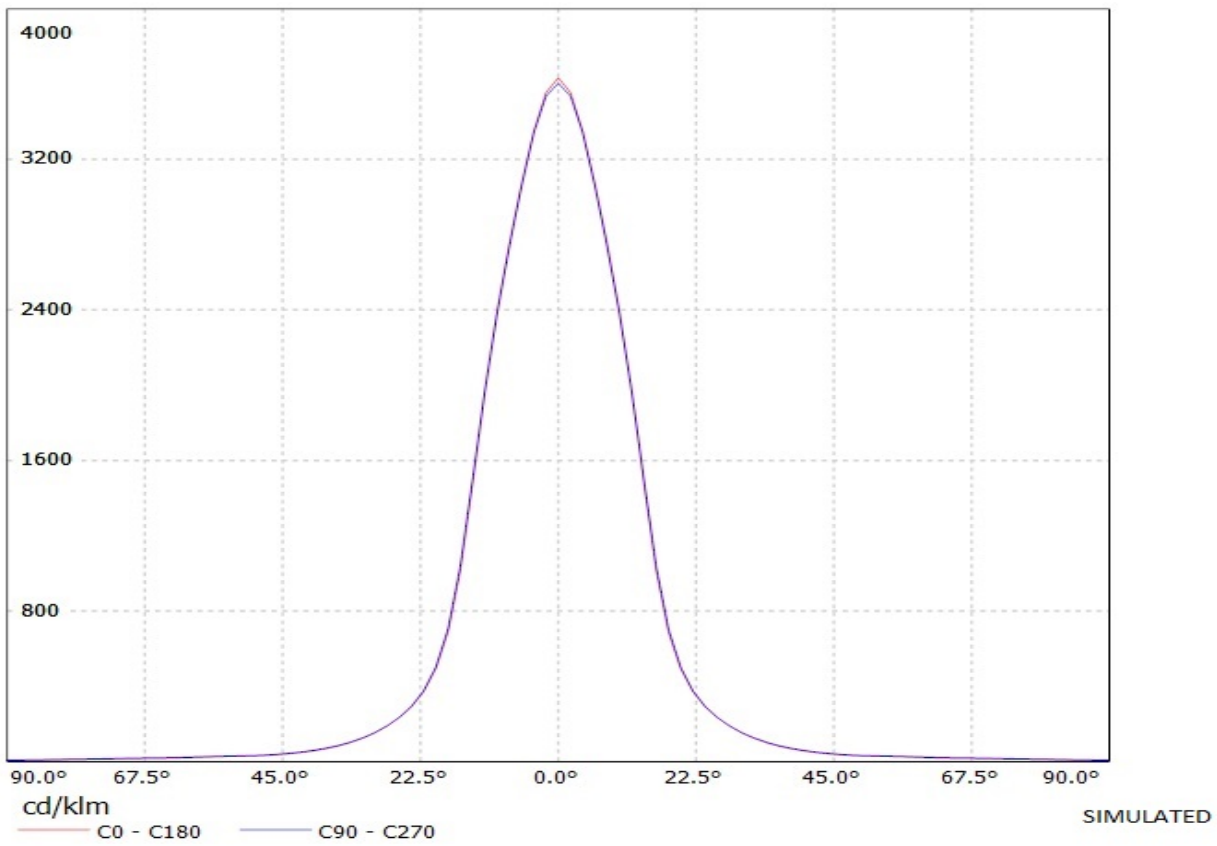
Luminaire: Ledil Oy C11811_AnnA-50-6-S-XP-G C11811_AnnA-50-6-S-XP-G
Lamps: 1 x Cree XP-G (White)



SIMULATED

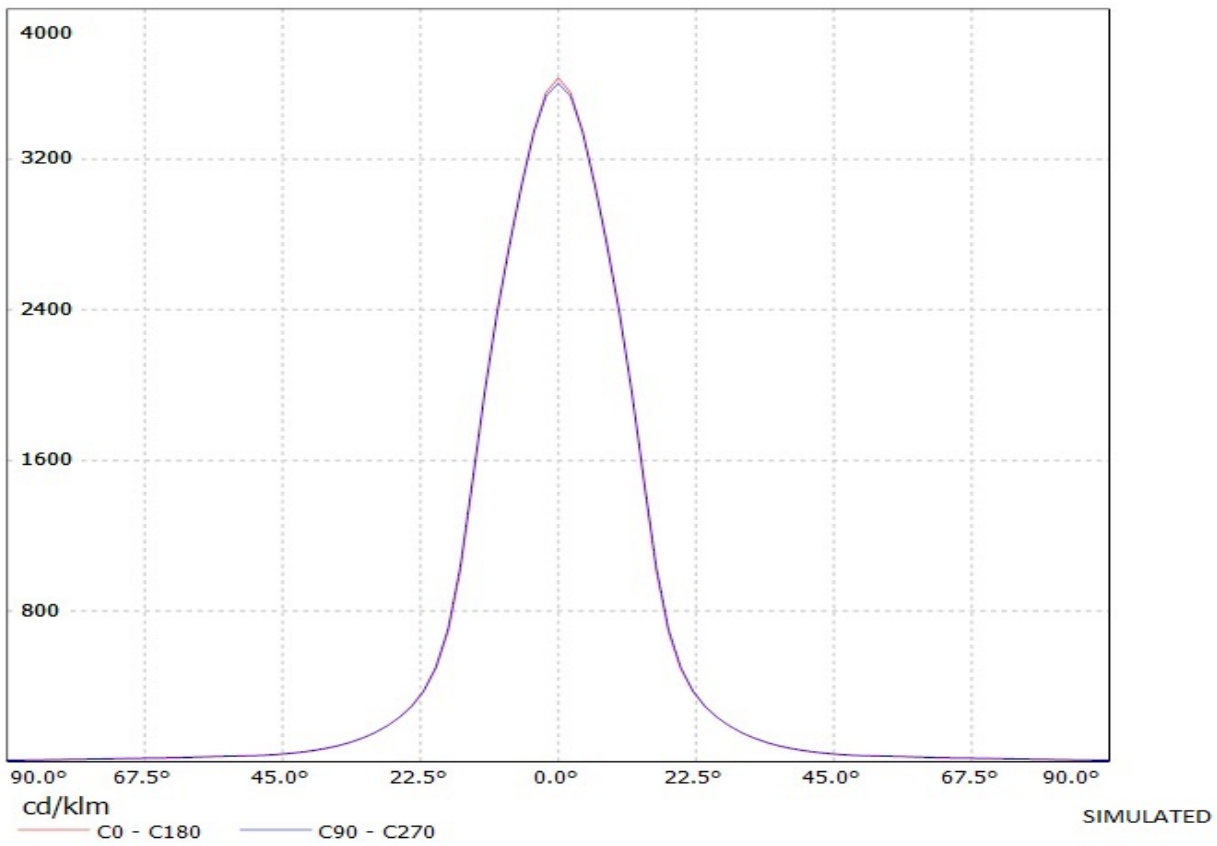
Ledil Oy C11812_Anna-50-6-M-XP-G C11812_Anna-50-6-M-XP-G / LDC (Linear)

Luminaire: Ledil Oy C11812_Anna-50-6-M-XP-G C11812_Anna-50-6-M-XP-G
Lamps: 1 x Cree XP-G (White)



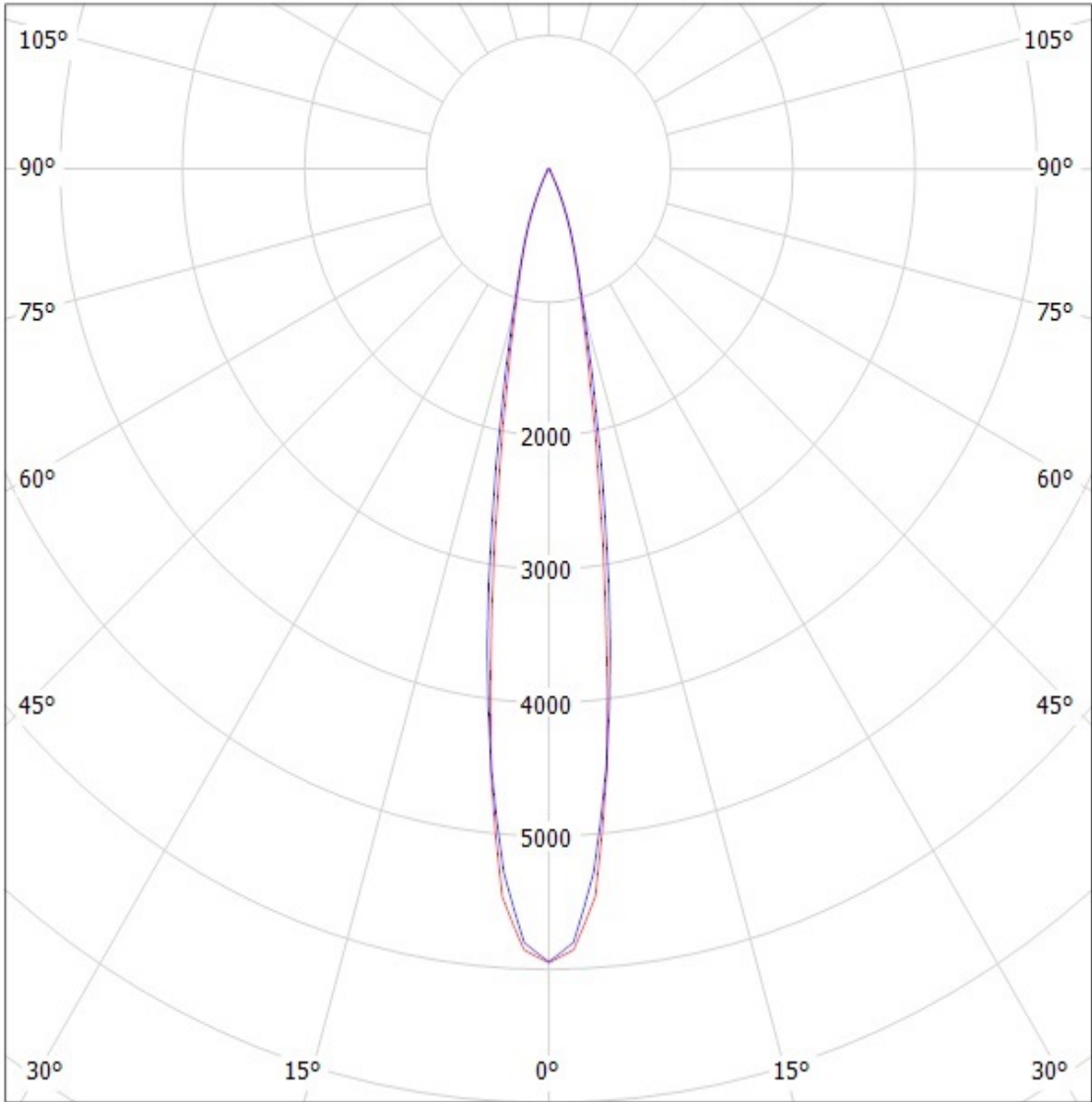
Ledil Oy C11812_Anna-50-6-M-XP-G C11812_Anna-50-6-M-XP-G / LDC (Linear)

Luminaire: Ledil Oy C11812_Anna-50-6-M-XP-G C11812_Anna-50-6-M-XP-G
Lamps: 1 x Cree XP-G (White)



Ledil Oy C11811_Anna-50-6-S-XP-G C11811_Anna-50-6-S-XP-G / LDC (Polar)

Luminaire: Ledil Oy C11811_Anna-50-6-S-XP-G C11811_Anna-50-6-S-XP-G
Lamps: 1 x Cree XP-G (White)



cd/klm

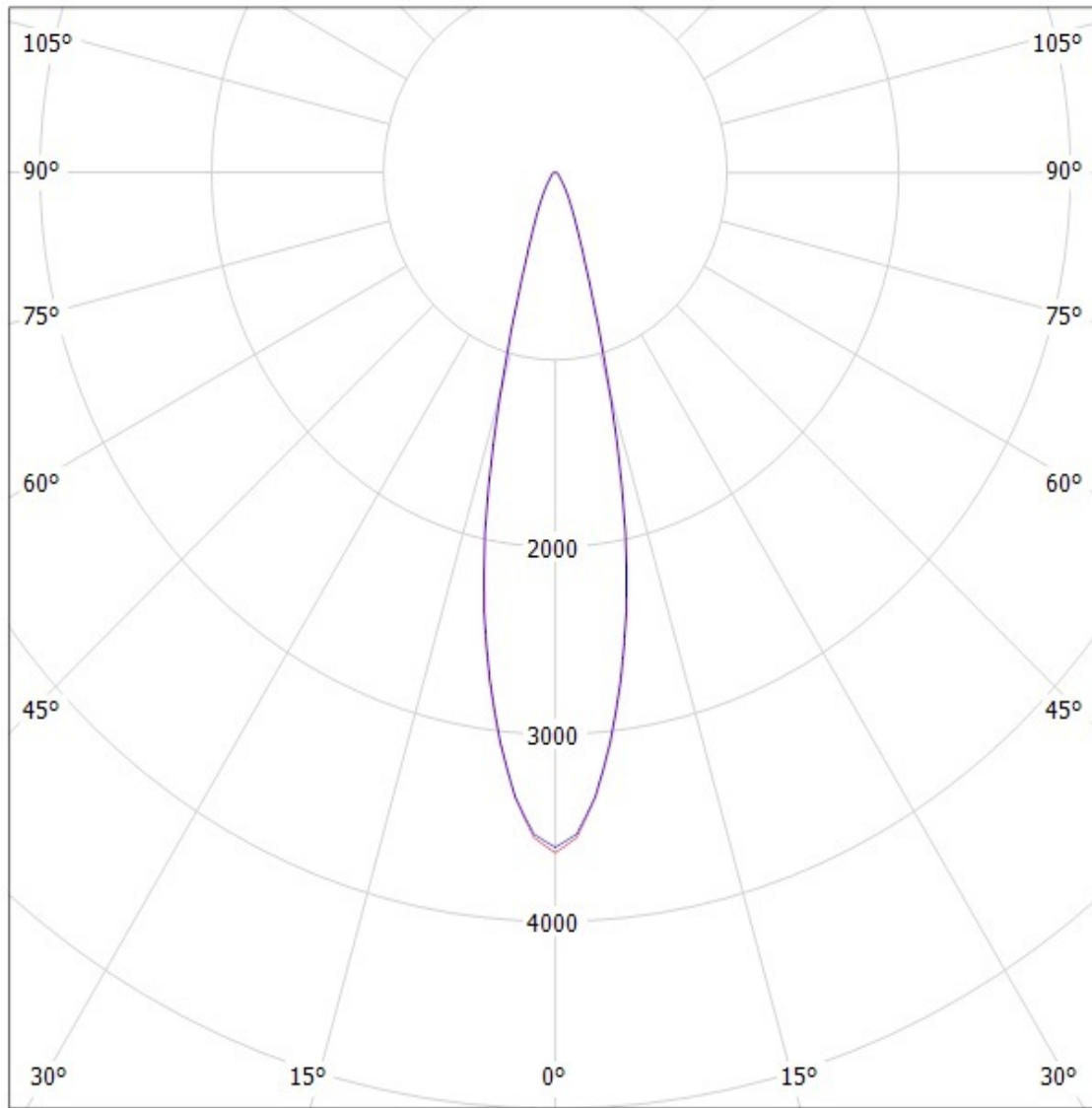
— C0 - C180 — C90 - C270

SIMULATED

Ledil Oy C11812_Annna-50-6-M-XP-G C11812_Annna-50-6-M-XP-G / LDC (Polar)

Luminaire: Ledil Oy C11812_Annna-50-6-M-XP-G C11812_Annna-50-6-M-XP-G

Lamps: 1 x Cree XP-G (White)



cd/klm

— C0 - C180

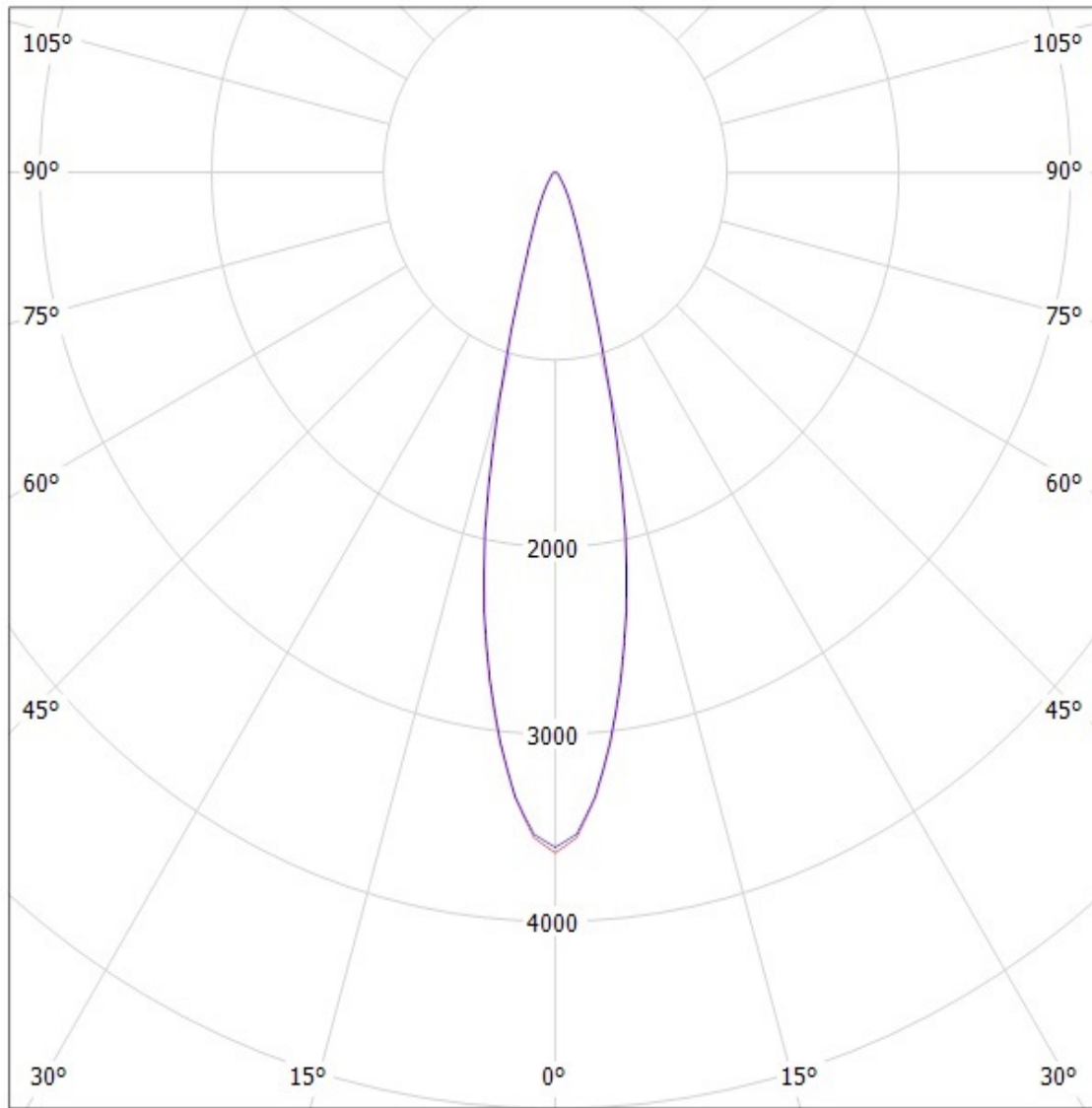
— C90 - C270

SIMULATED

Ledil Oy C11812_Annna-50-6-M-XP-G C11812_Annna-50-6-M-XP-G / LDC (Polar)

Luminaire: Ledil Oy C11812_Annna-50-6-M-XP-G C11812_Annna-50-6-M-XP-G

Lamps: 1 x Cree XP-G (White)



cd/klm

— C0 - C180

— C90 - C270

SIMULATED