

PRODUCT DATASHEET

Anna-50-7 series

last update 7/3/2014

**Product number C11670_ANNA-50-7-S**

Family	Anna-50-7	FWHM	12 degrees
Type	Lens array	Efficiency	93 %
LED	XP-E	cd/lm	12.700
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 C11679_ANNA-50-7-M

Family	Anna-50-7	FWHM	19 degrees
Type	Lens array	Efficiency	91 %
LED	XP-E	cd/lm	5.200
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 C11682_ANNA-50-7-W

Family	Anna-50-7	FWHM	36 degrees
Type	Lens array	Efficiency	87 %
LED	XP-E	cd/lm	1.600
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		

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-50-7 series

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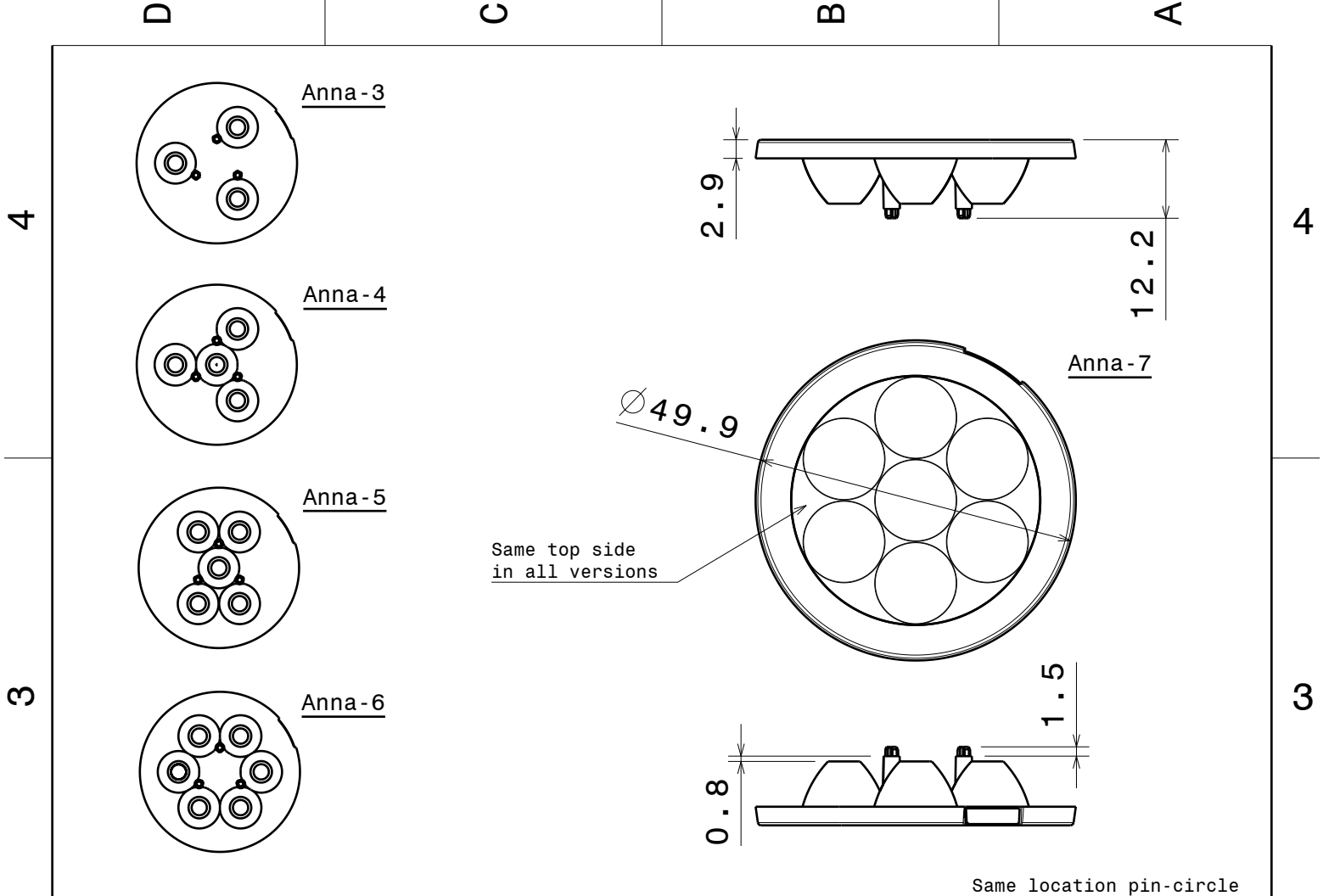
GENERAL INFORMATION

- Product series especially designed & optimized for XP-E 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		Datasheet Anna50-series Lens			
CHECKED BY t k		DATE 03.08.2010					
DESIGNED BY hh		DATE 30.07.2010		SCALE 1:1	WEIGHT (g)	SHEET 1/1	

4

3

2

1

4

3

2

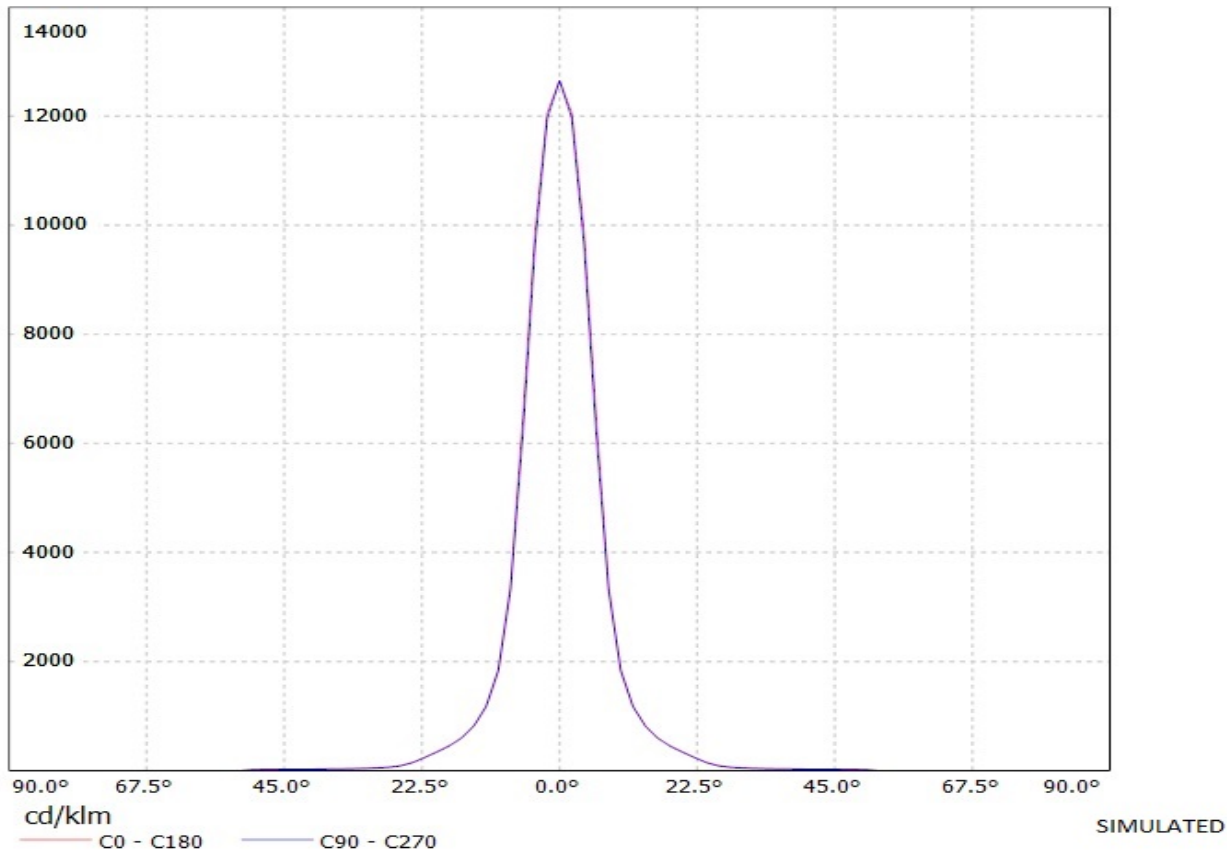
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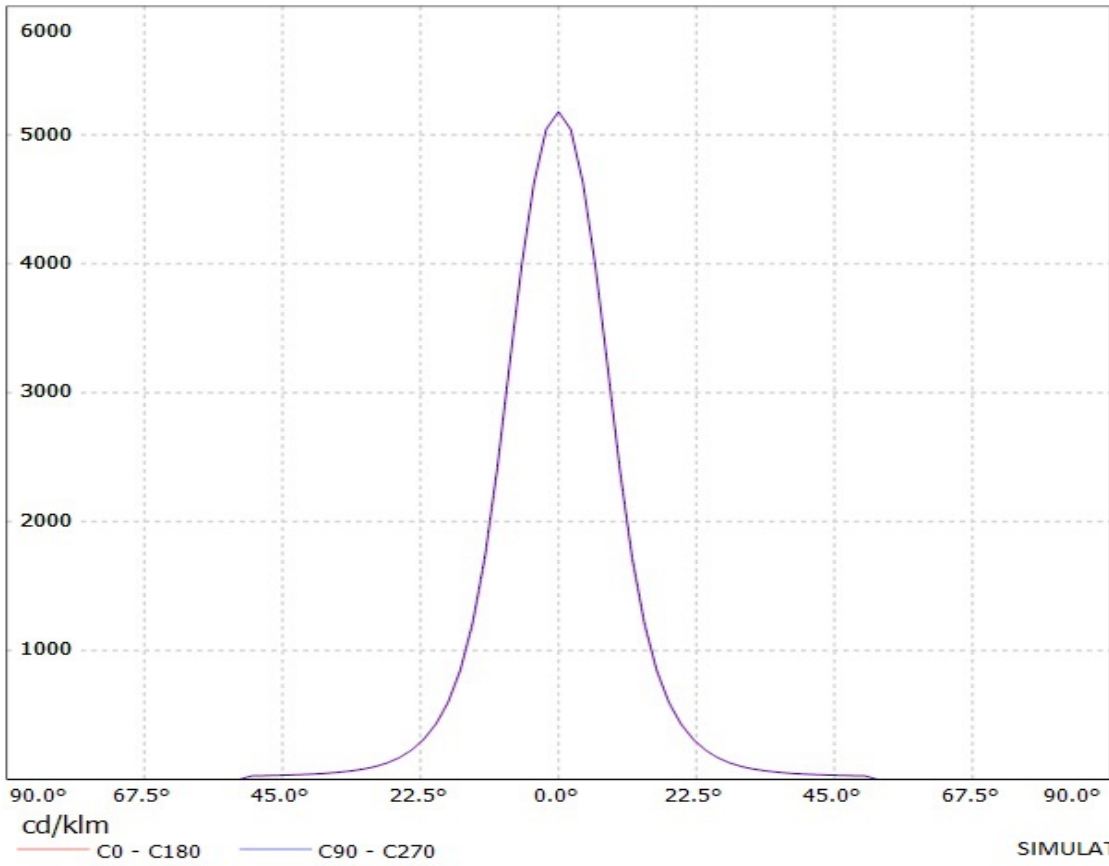
Ledil Oy C11670_Anna-50-7-S-XP C11670_Anna-50-7-S-XP / LDC (Linear)

Luminaire: Ledil Oy C11670_Anna-50-7-S-XP C11670_Anna-50-7-S-XP
Lamps: 1 x Cree XP-E (white) 516lm



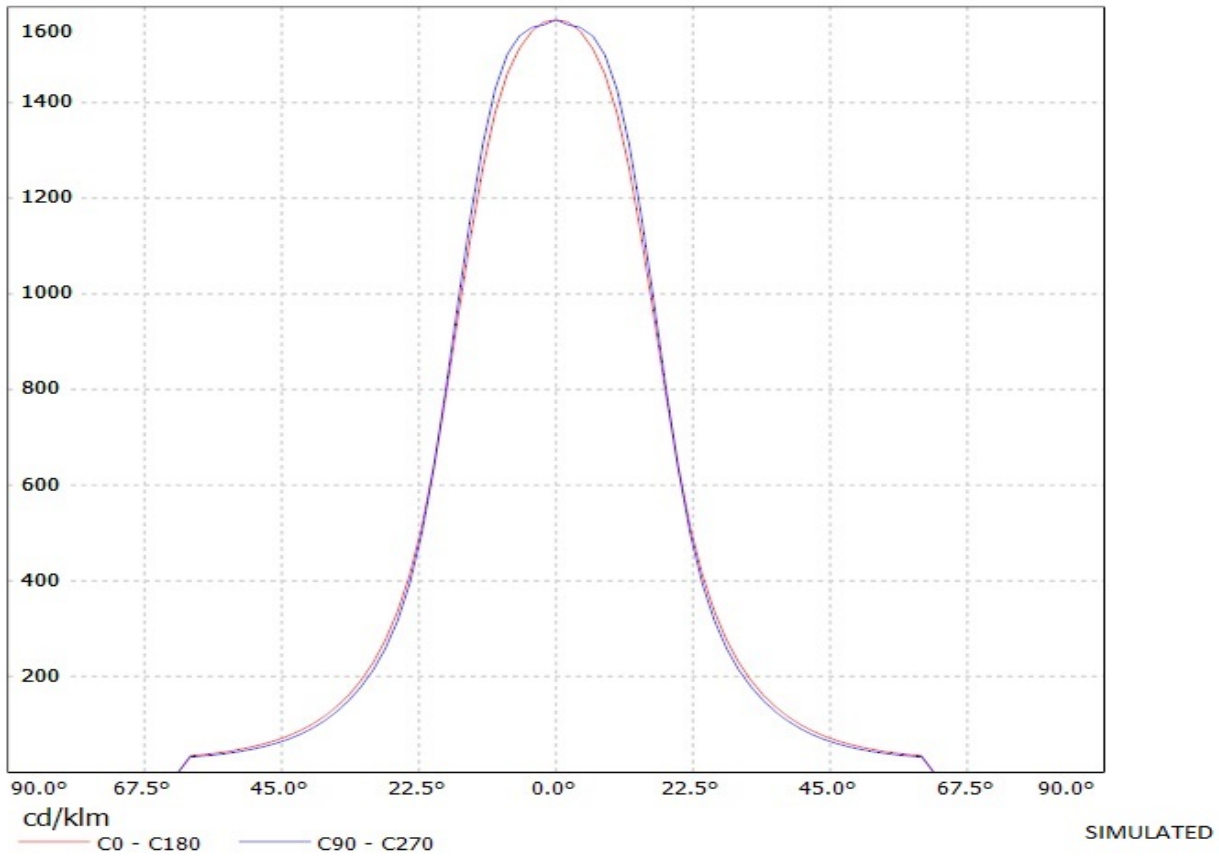
Ledil Oy C11679_Anna-50-7-M-XP C11679_Anna-50-7-M-XP / LDC (Linear)

Luminaire: Ledil Oy C11679_Anna-50-7-M-XP C11679_Anna-50-7-M-XP
Lamps: 1 x Cree XP-E (white) 516lm



Ledil Oy C11682_Anna-50-7-W-XP C11682_Anna-50-7-W-XP / LDC (Linear)

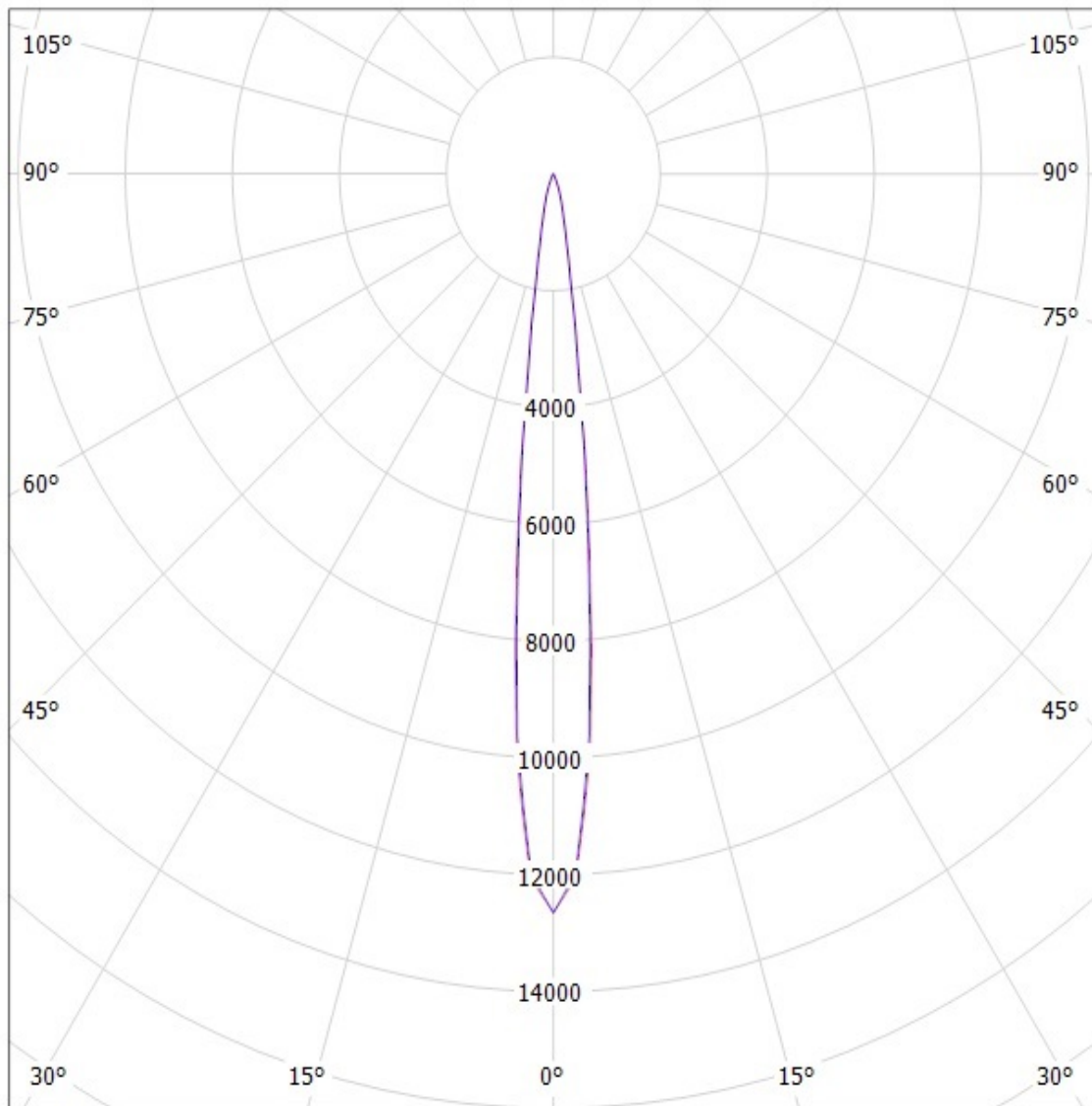
Luminaire: Ledil Oy C11682_Anna-50-7-W-XP C11682_Anna-50-7-W-XP
Lamps: 1 x Cree XP-E (white) 516lm



Ledil Oy C11670_Ana-50-7-S-XP C11670_Ana-50-7-S-XP / LDC (Polar)

Luminaire: Ledil Oy C11670_Ana-50-7-S-XP C11670_Ana-50-7-S-XP

Lamps: 1 x Cree XP-E (white) 516lm



cd/klm

— C0 - C180

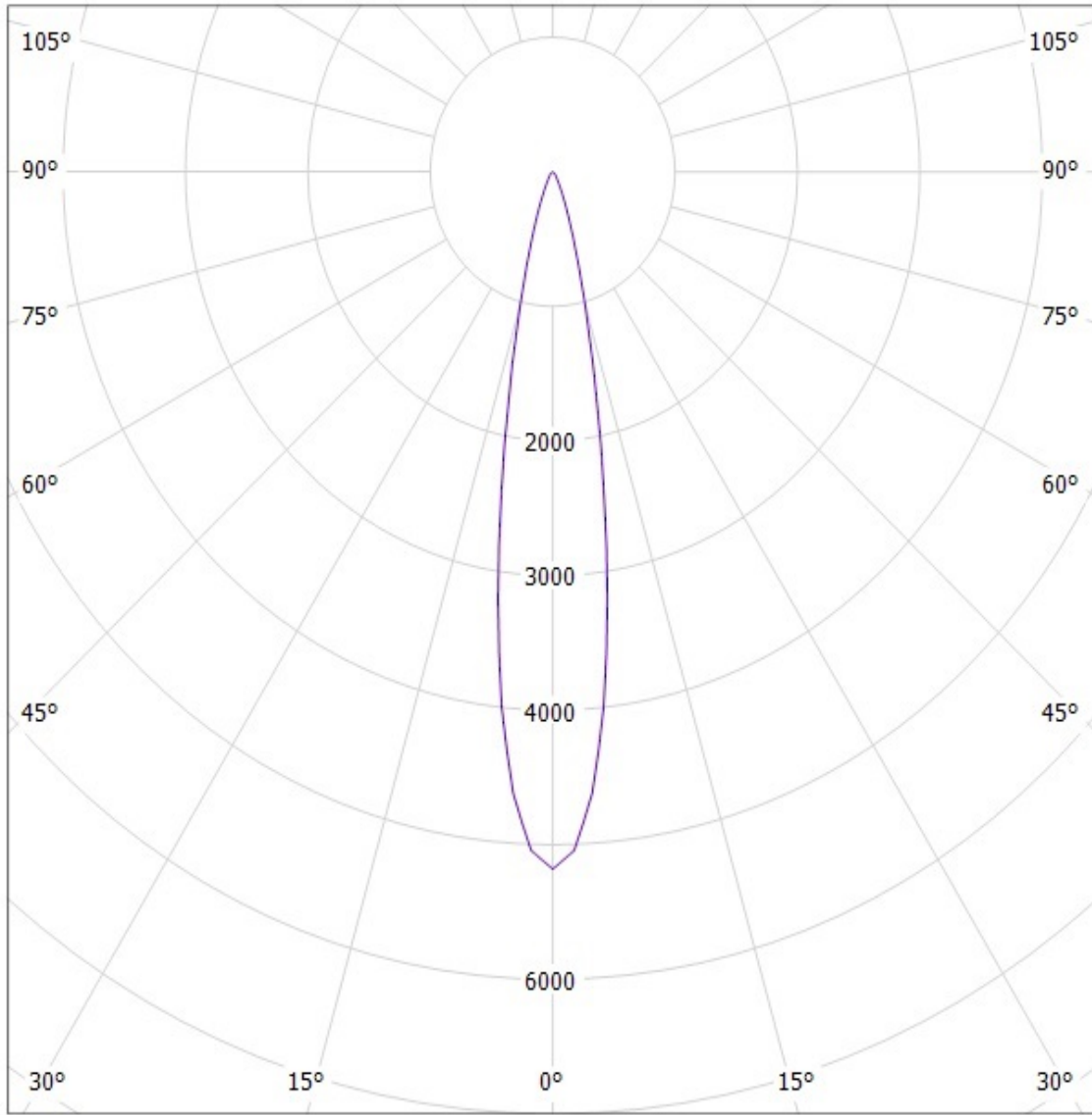
— C90 - C270

SIMULATED

Ledil Oy C11679_Annna-50-7-M-XP C11679_Annna-50-7-M-XP / LDC (Polar)

Luminaire: Ledil Oy C11679_Annna-50-7-M-XP C11679_Annna-50-7-M-XP

Lamps: 1 x Cree XP-E (white) 516lm



cd/klm

— C0 - C180 — C90 - C270

SIMULATED

Ledil Oy C11682_AnnA-50-7-W-XP C11682_AnnA-50-7-W-XP / LDC (Polar)

Luminaire: Ledil Oy C11682_AnnA-50-7-W-XP C11682_AnnA-50-7-W-XP
Lamps: 1 x Cree XP-E (white) 516lm

