

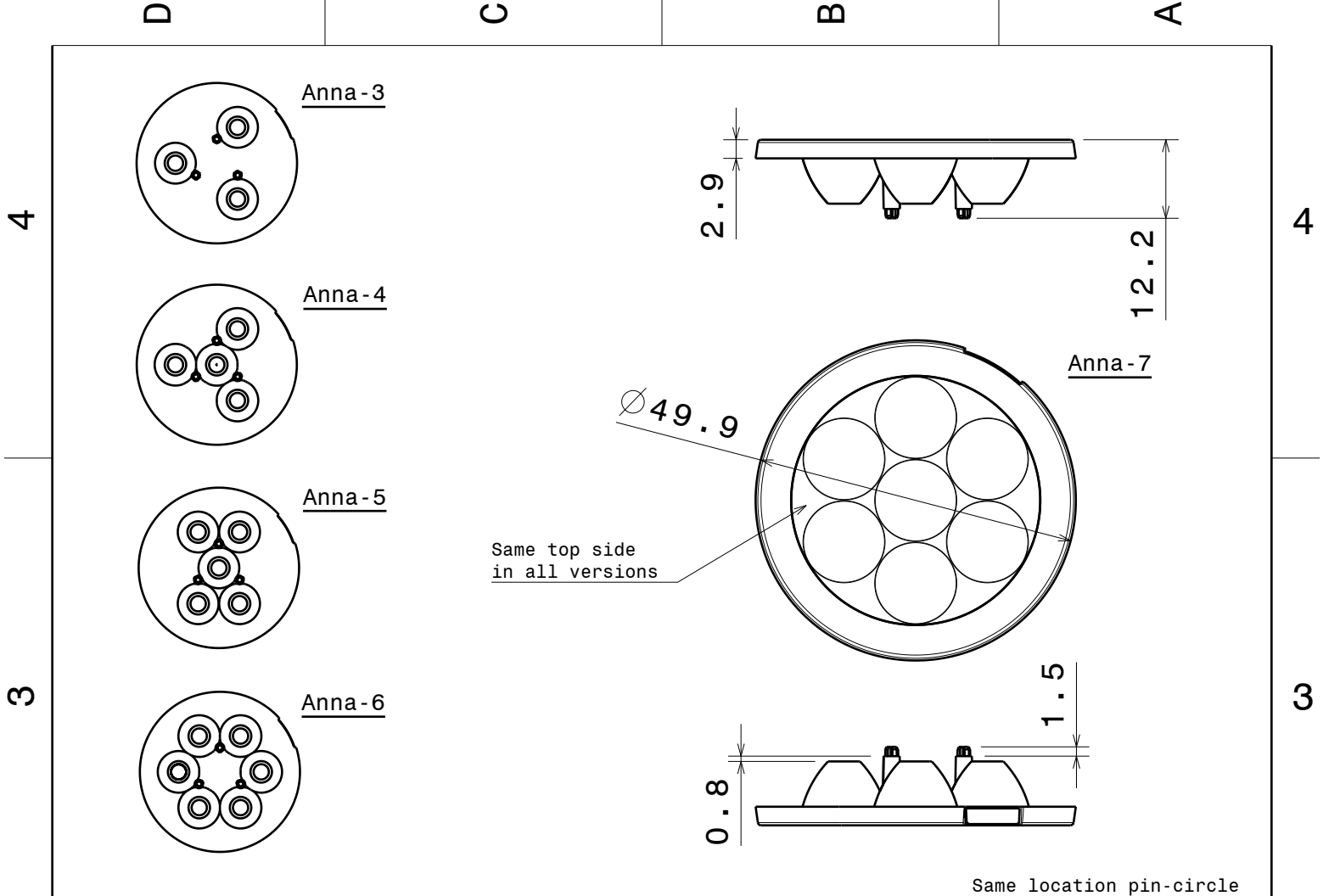
## DETAILS

<b>Product Number</b>	C11670_ANNA-50-7-S
<b>Family</b>	Anna-50-7
<b>Type</b>	Lens array
<b>Color</b>	clear
<b>Diameter</b>	50 mm
<b>Height</b>	10,7 mm
<b>Style</b>	round
<b>Optic Material</b>	PMMA
<b>Holder Material</b>	
<b>Fastening</b>	pin, glue
<b>Status</b>	production ready
<b>ROHS Compliant</b>	Yes
<b>Date Updated</b>	7/03/2014



## OPTICAL PROPERTIES

LED	Viewing	Light	Efficiency	cd/lm	Connector
	Angle	Beam			
XP-E	12 deg	Spot	93 %	12.700	-
XP-G	18 deg	Spot	93 %	5.940	-
LUXEON Rebel	13 deg	Spot	92 %	9.300	-
LUXEON Rebel ES	18 deg	Spot	93 %	6.100	-
LUXEON A	19 deg	Spot	87 %	5.710	-
NCSxx19A	16 deg	Spot	91 %	6.700	-
NVSxx19A	19 deg	Spot	91 %	4.900	-
Oslon SSL 80	11 deg	Spot	90 %	11.700	-
Oslon SSL 150	12 deg	Spot	90 %	13.700	-
Double Dome (GM2BB)	sim: 12	Spot	-	-	-



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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 our written agreement.



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

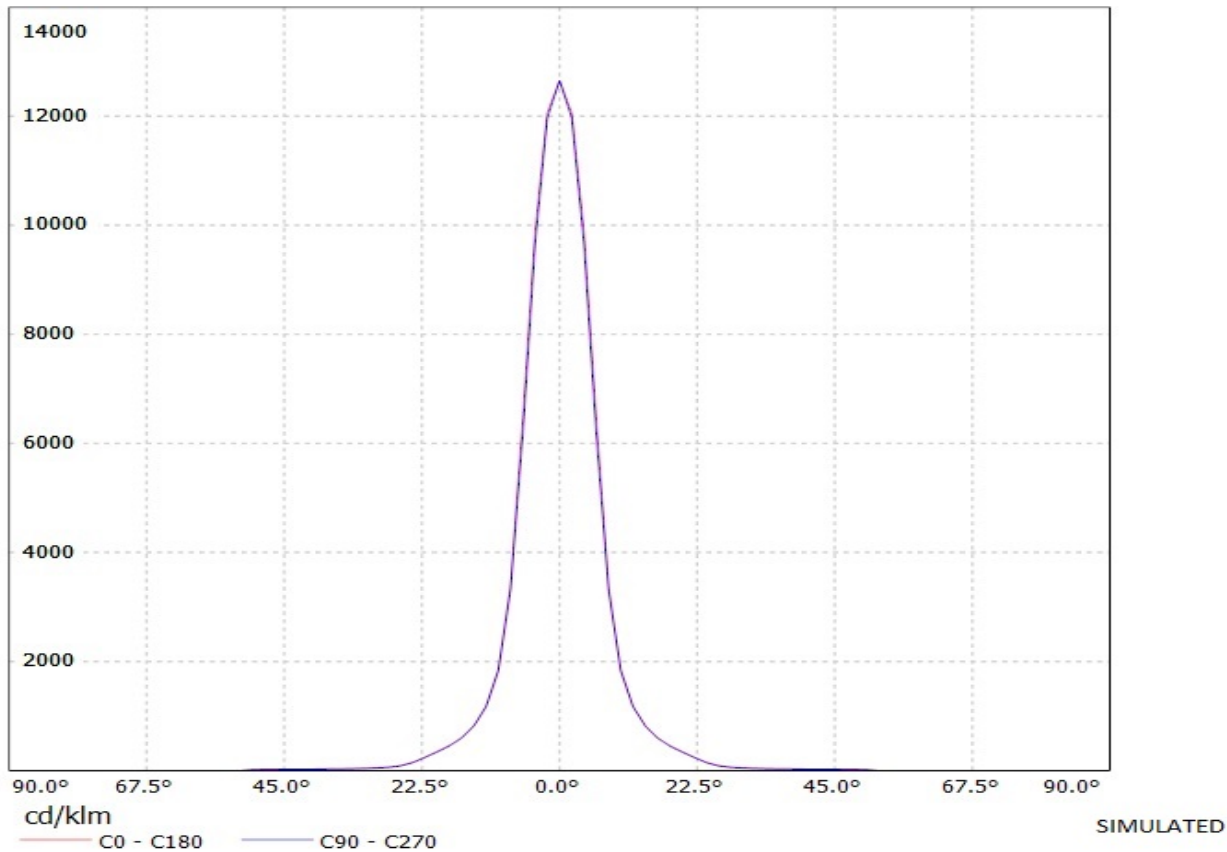
1

D

A

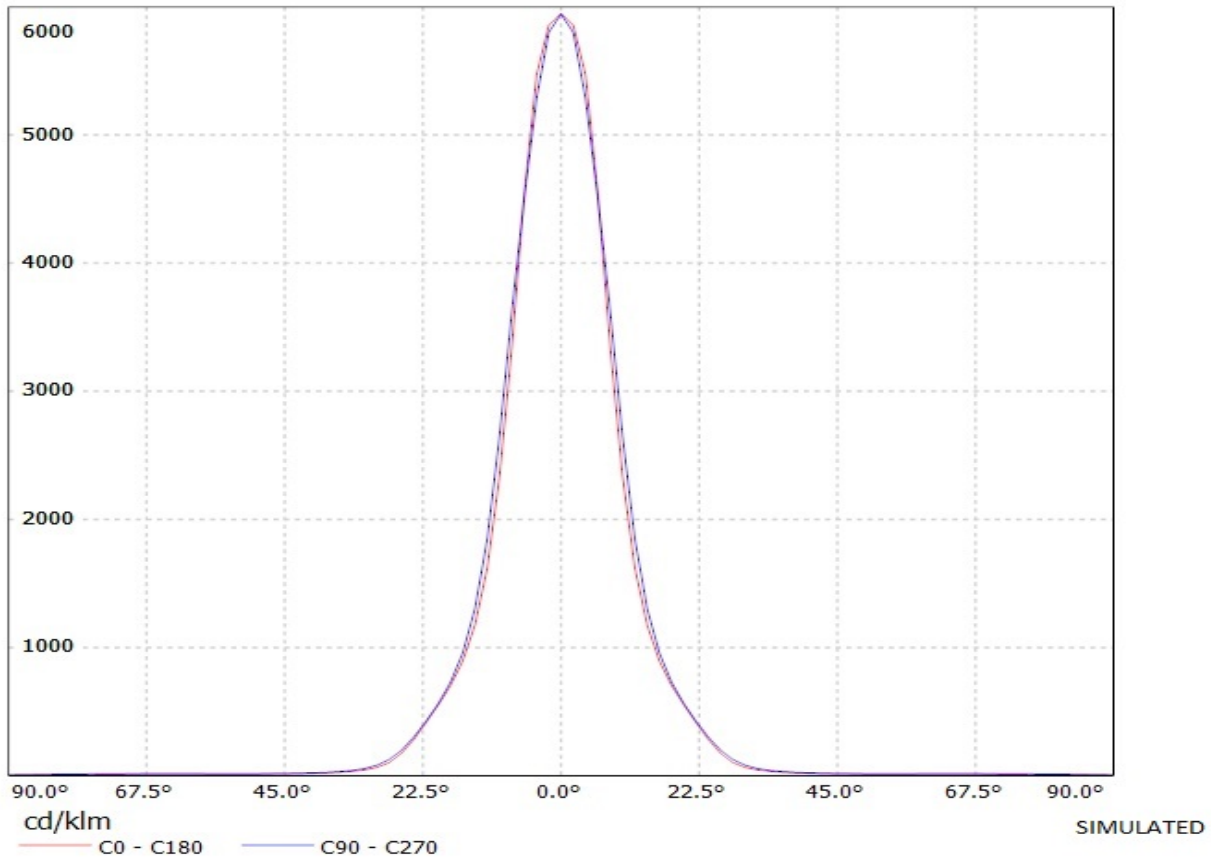
**Ledil Oy C11670\_AnnA-50-7-S-XP C11670\_AnnA-50-7-S-XP / LDC (Linear)**

Luminaire: Ledil Oy C11670\_AnnA-50-7-S-XP C11670\_AnnA-50-7-S-XP  
Lamps: 1 x Cree XP-E (white) 516lm



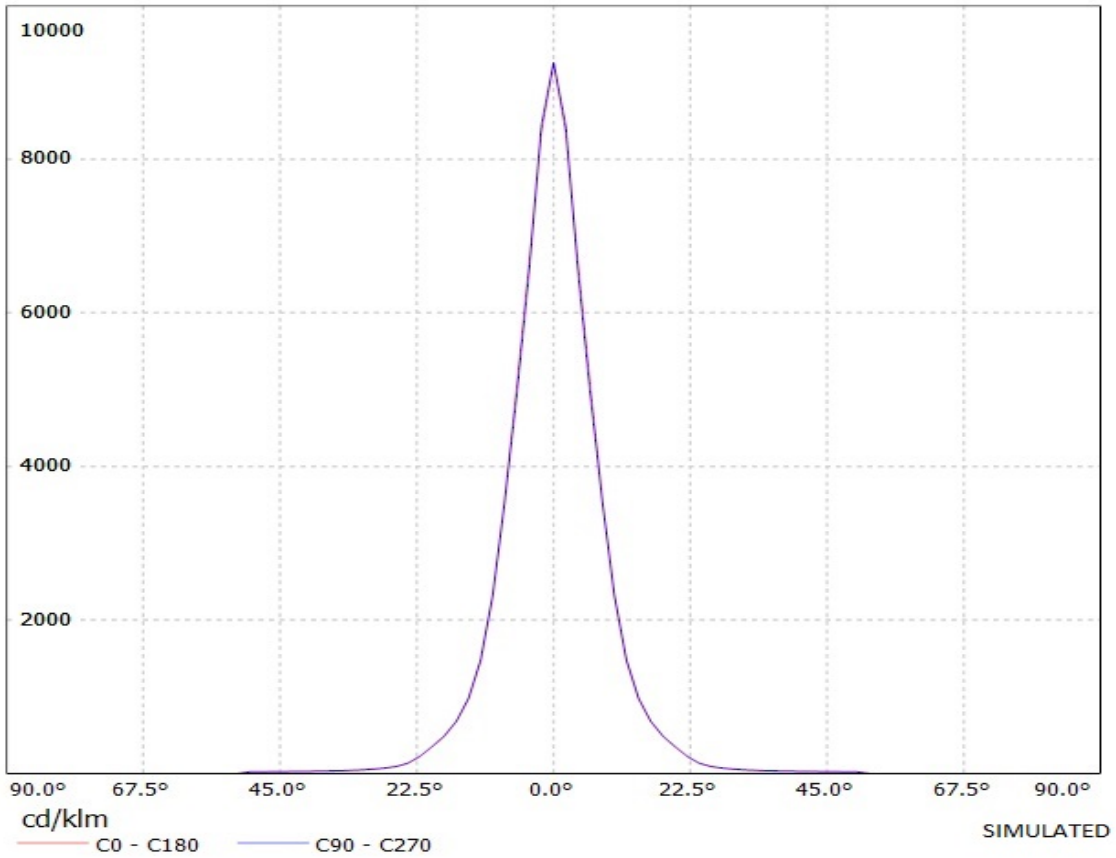
# Ledil Oy C11670\_Anna-50-7-S-XP-G C11670\_Anna-50-7-S-XP-G / LDC (Linear)

Luminaire: Ledil Oy C11670\_Anna-50-7-S-XP-G C11670\_Anna-50-7-S-XP-G  
Lamps: 1 x Cree XP-G (White)



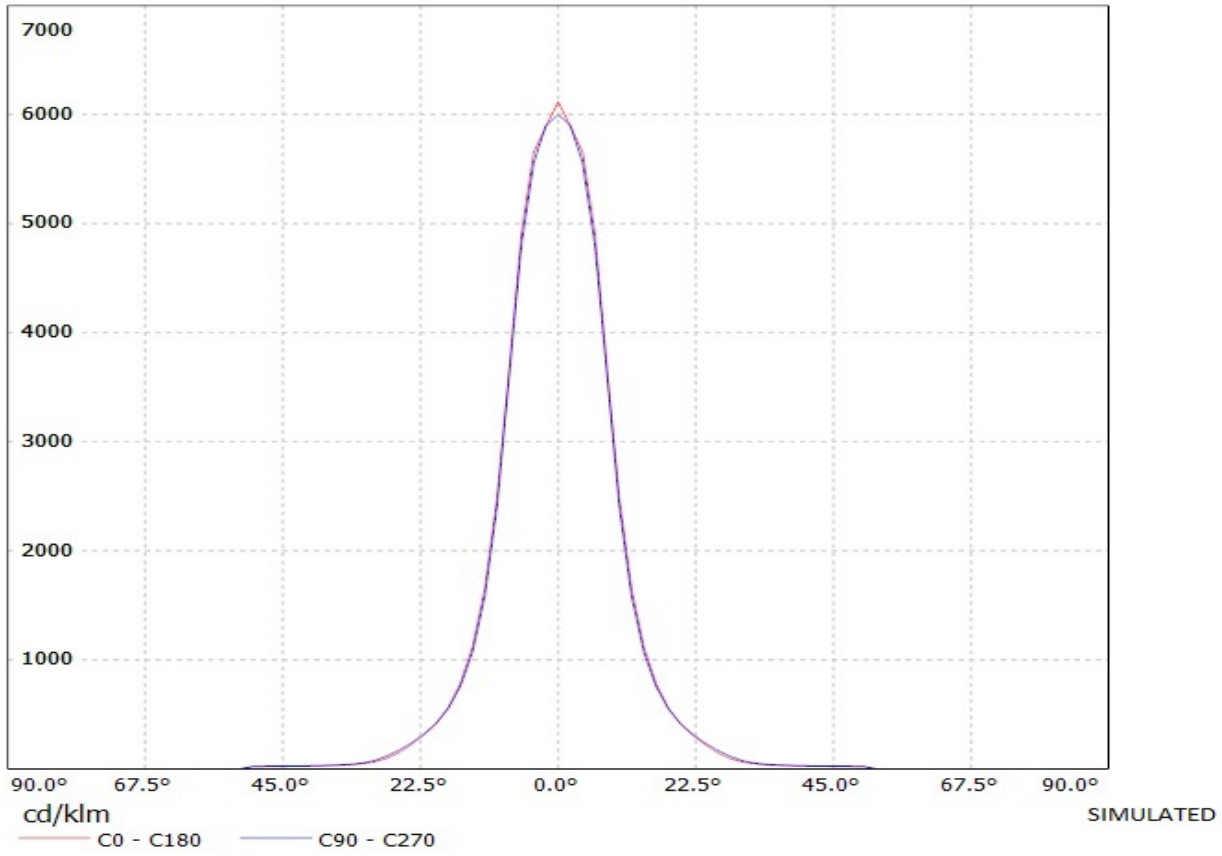
# Ledil Oy C11670-Anna-50-7-S-RE C11670-Anna-50-7-S-RE / LDC (Linear)

Luminaire: Ledil Oy C11670-Anna-50-7-S-RE C11670-Anna-50-7-S-RE  
Lamps: 1 x Luxeon Rebel (white) 565

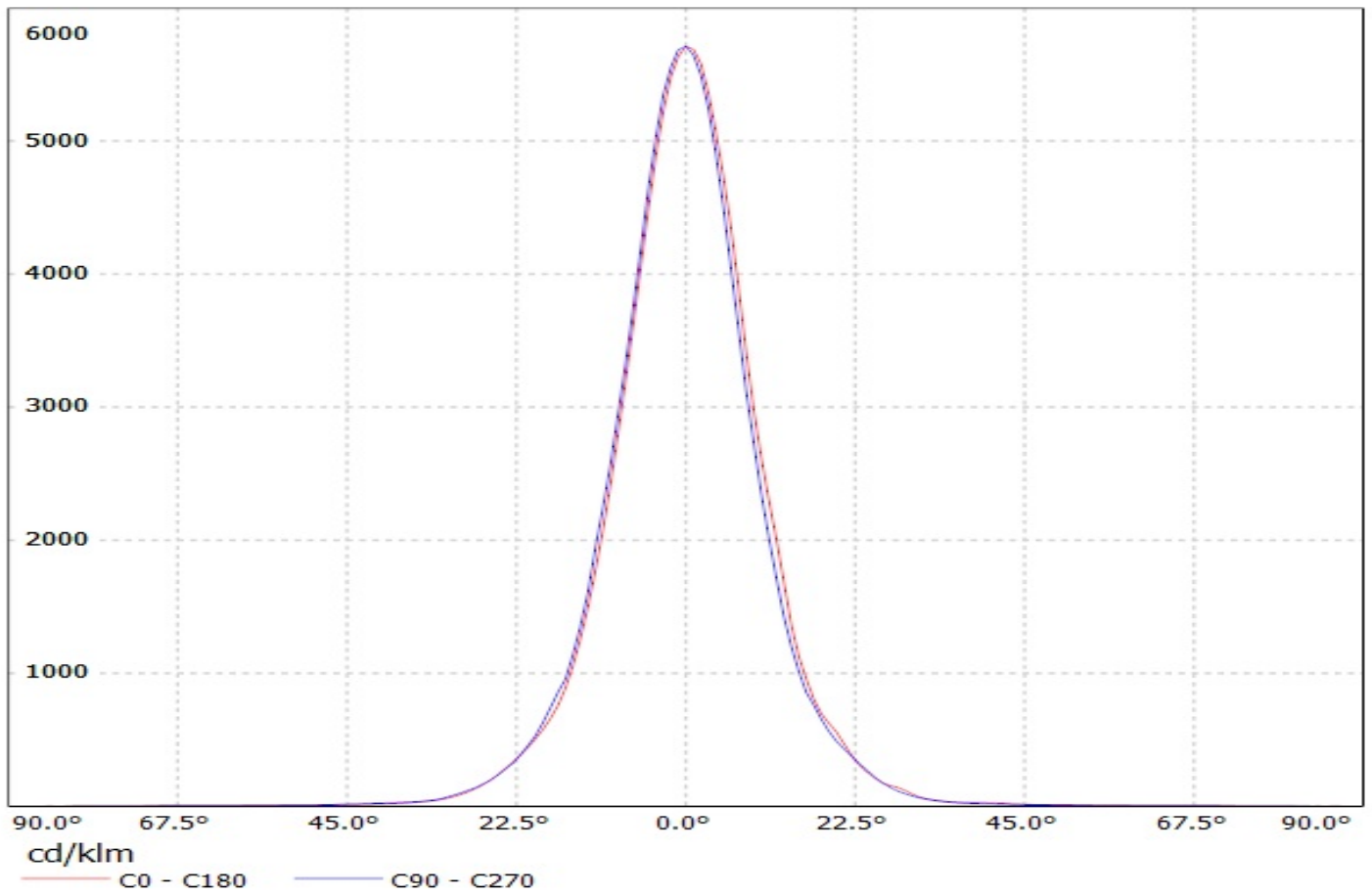


# Ledil Oy C11670-Anna-50-7-S-RE-ES C11670-Anna-50-7-S-RE-ES / LDC (Linear)

Luminaire: Ledil Oy C11670-Anna-50-7-S-RE-ES C11670-Anna-50-7-S-RE-ES  
Lamps: 1 x Luxeon Rebel ES (white)

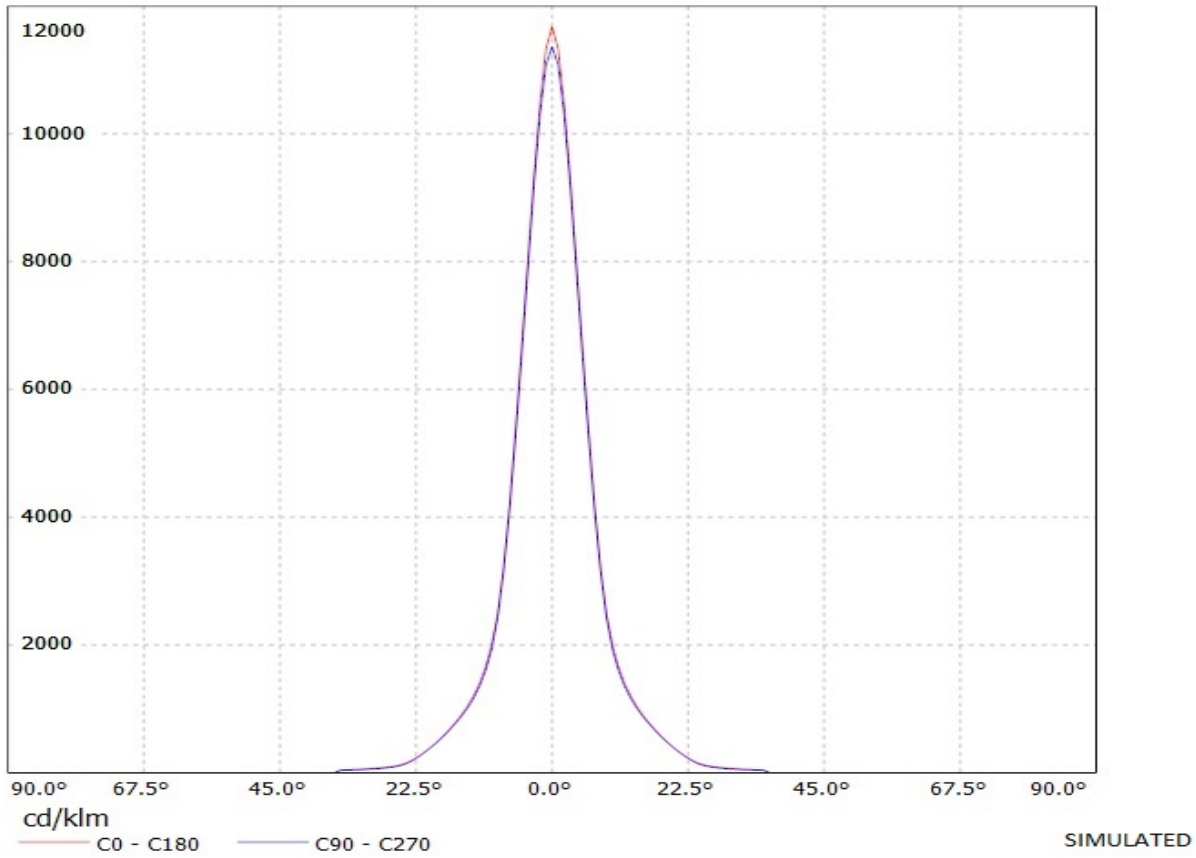


Luminaire: Ledil Oy C11670\_ANNA-50-7-S-Luxeon-A Efficiency=87%  
Lamps: 1 x Luxeon-A 518lm 250mA



# Ledil Oy C11670\_AnnA-50-7-S-OSL C11670\_AnnA-50-7-S-OSL / LDC (Linear)

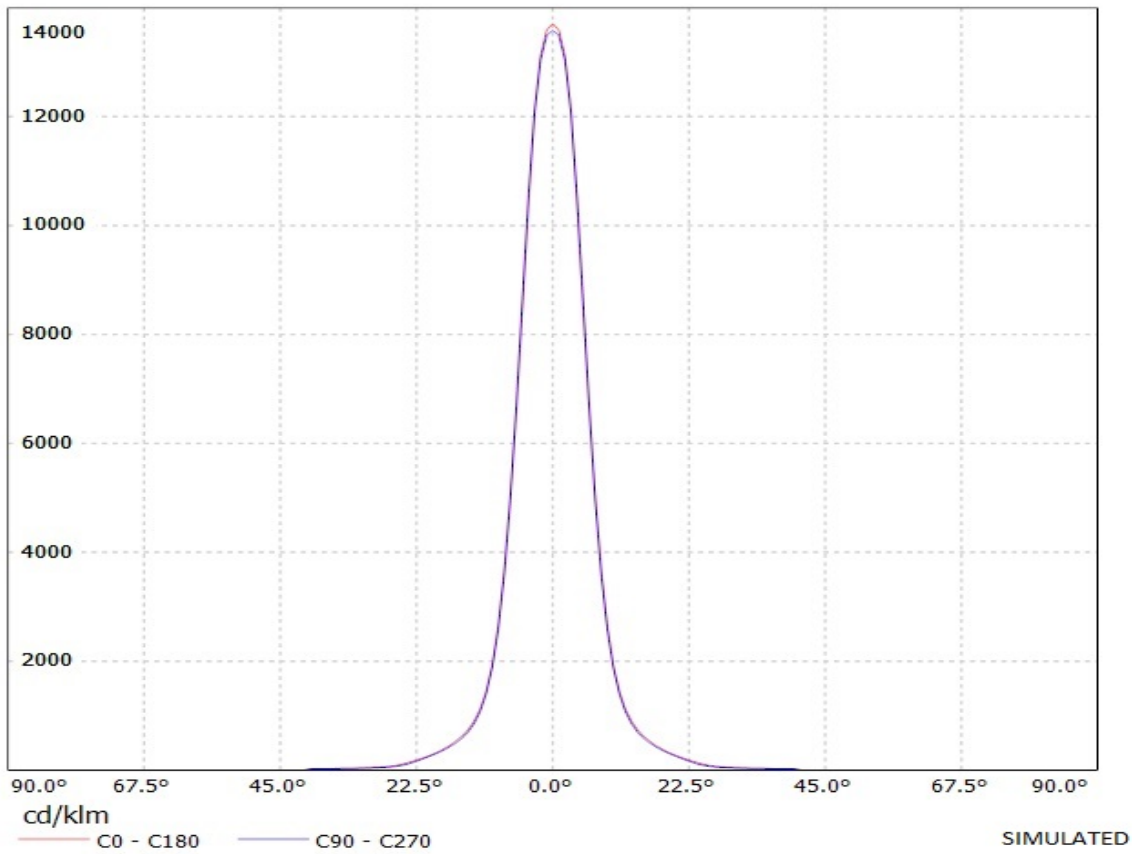
Luminaire: Ledil Oy C11670\_AnnA-50-7-S-OSL C11670\_AnnA-50-7-S-OSL  
Lamps: 1 x Osram SSL 80





# Ledil Oy C11670\_Annna-50-7-S-OSL150 C11670\_Annna-50-7-S-OSL150 / LDC (Linear)

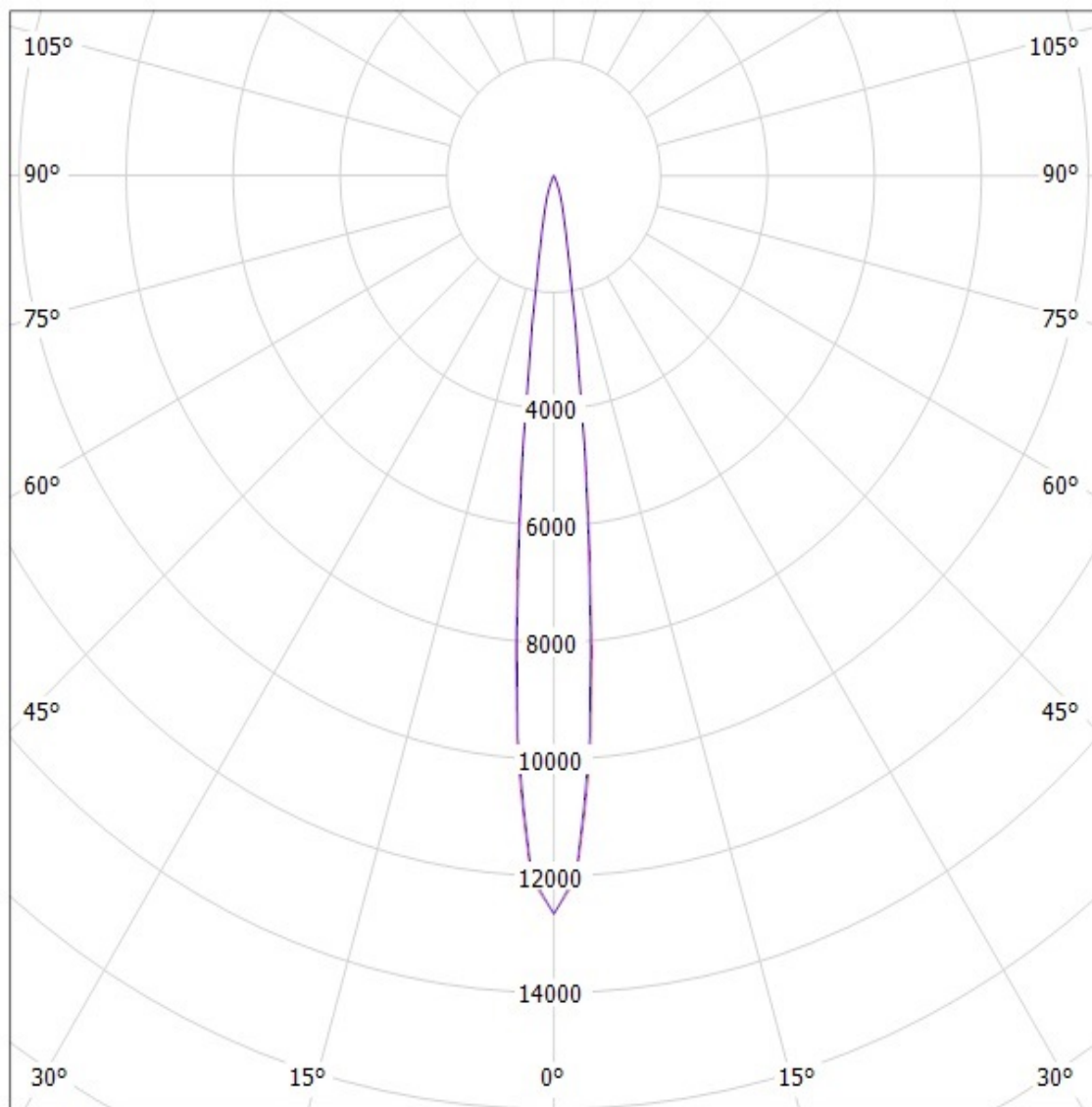
Luminaire: Ledil Oy C11670\_Annna-50-7-S-OSL150 C11670\_Annna-50-7-S-OSL150  
Lamps: 1 x Osram SSL 150



# Ledil Oy C11670\_Ann-50-7-S-XP C11670\_Ann-50-7-S-XP / LDC (Polar)

Luminaire: Ledil Oy C11670\_Ann-50-7-S-XP C11670\_Ann-50-7-S-XP

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



cd/klm

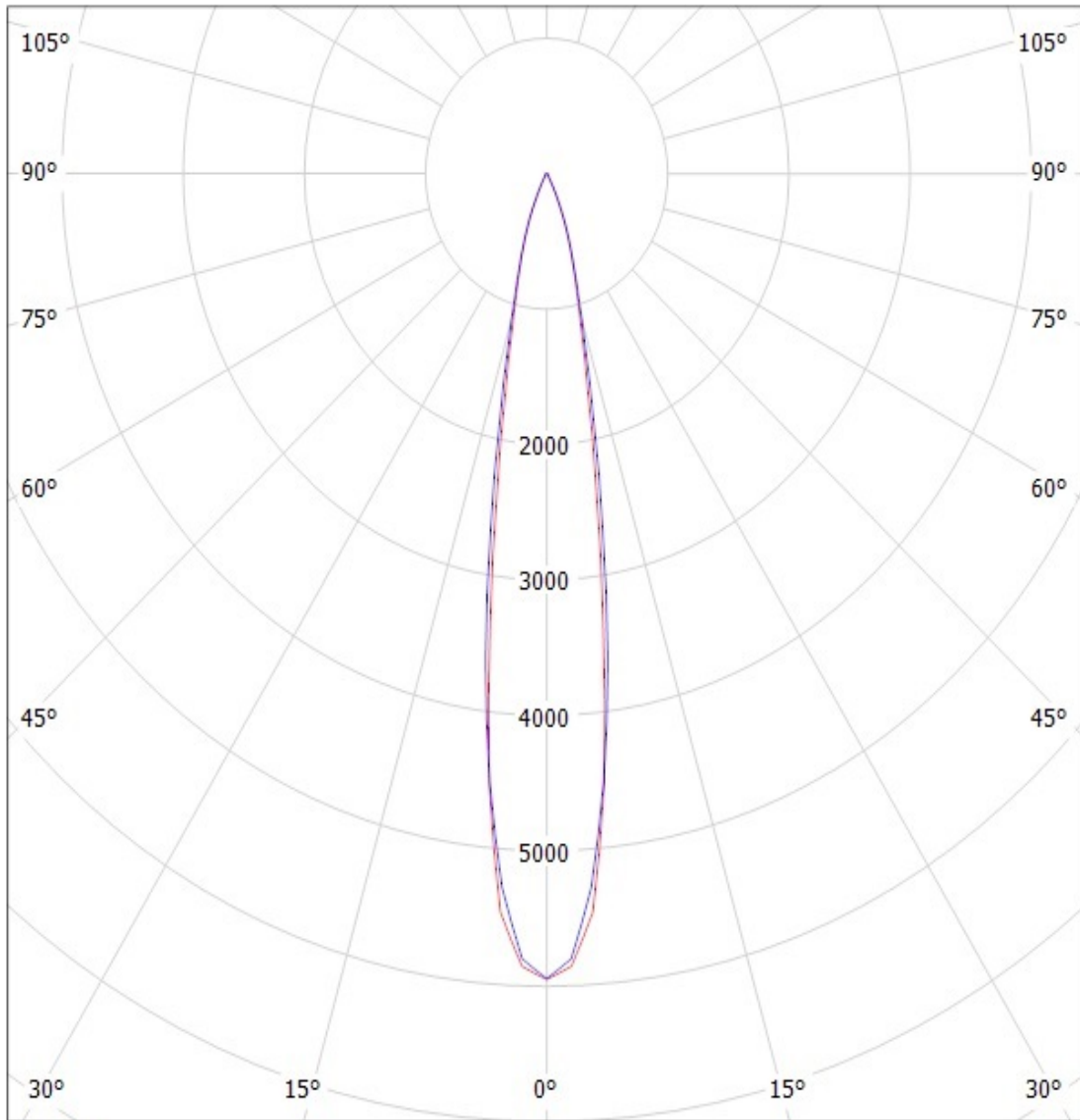
— C0 - C180

— C90 - C270

SIMULATED

# Ledil Oy C11670\_AnnA-50-7-S-XP-G C11670\_AnnA-50-7-S-XP-G / LDC (Polar)

Luminaire: Ledil Oy C11670\_AnnA-50-7-S-XP-G C11670\_AnnA-50-7-S-XP-G  
Lamps: 1 x Cree XP-G (White)



cd/klm

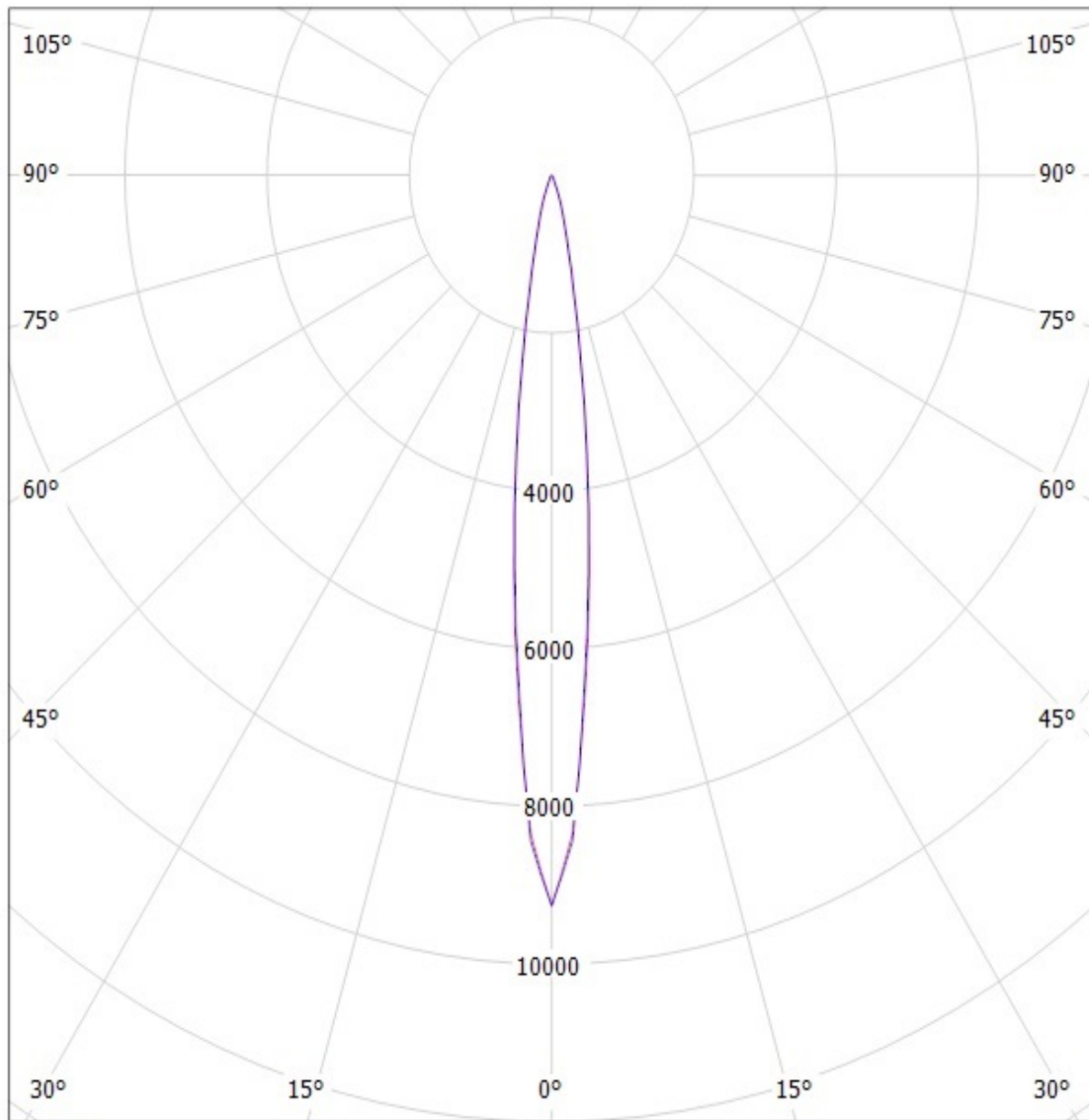
— C0 - C180 — C90 - C270

SIMULATED

# Ledil Oy C11670-Anna-50-7-S-RE C11670-Anna-50-7-S-RE / LDC (Polar)

Luminaire: Ledil Oy C11670-Anna-50-7-S-RE C11670-Anna-50-7-S-RE

Lamps: 1 x Luxeon Rebel (white) 565



cd/klm

— C0 - C180

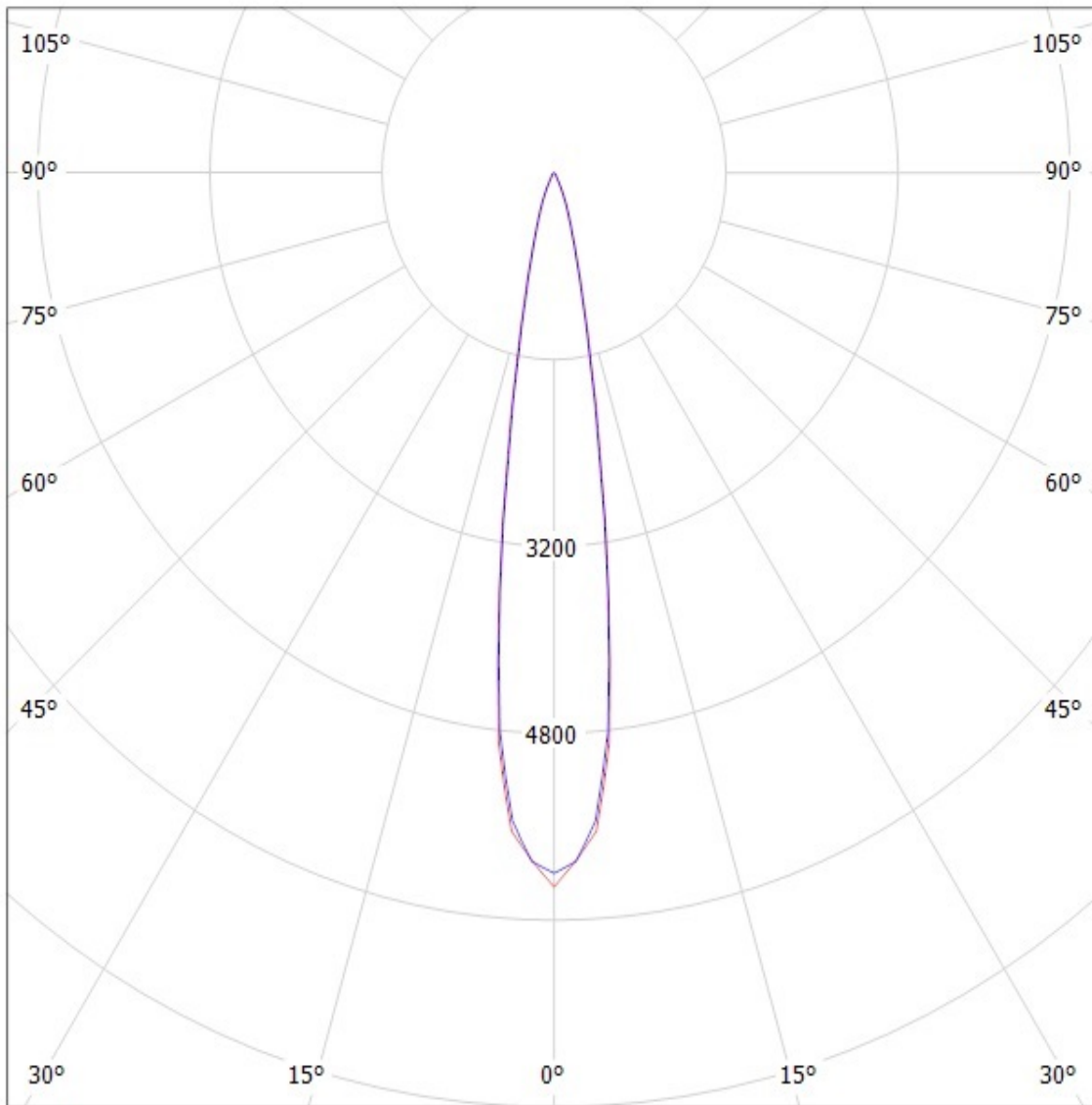
— C90 - C270

SIMULATED

# Ledil Oy C11670-Anna-50-7-S-RE-ES C11670-Anna-50-7-S-RE-ES / LDC (Polar)

Luminaire: Ledil Oy C11670-Anna-50-7-S-RE-ES C11670-Anna-50-7-S-RE-ES

Lamps: 1 x Luxeon Rebel ES (white)



cd/klm

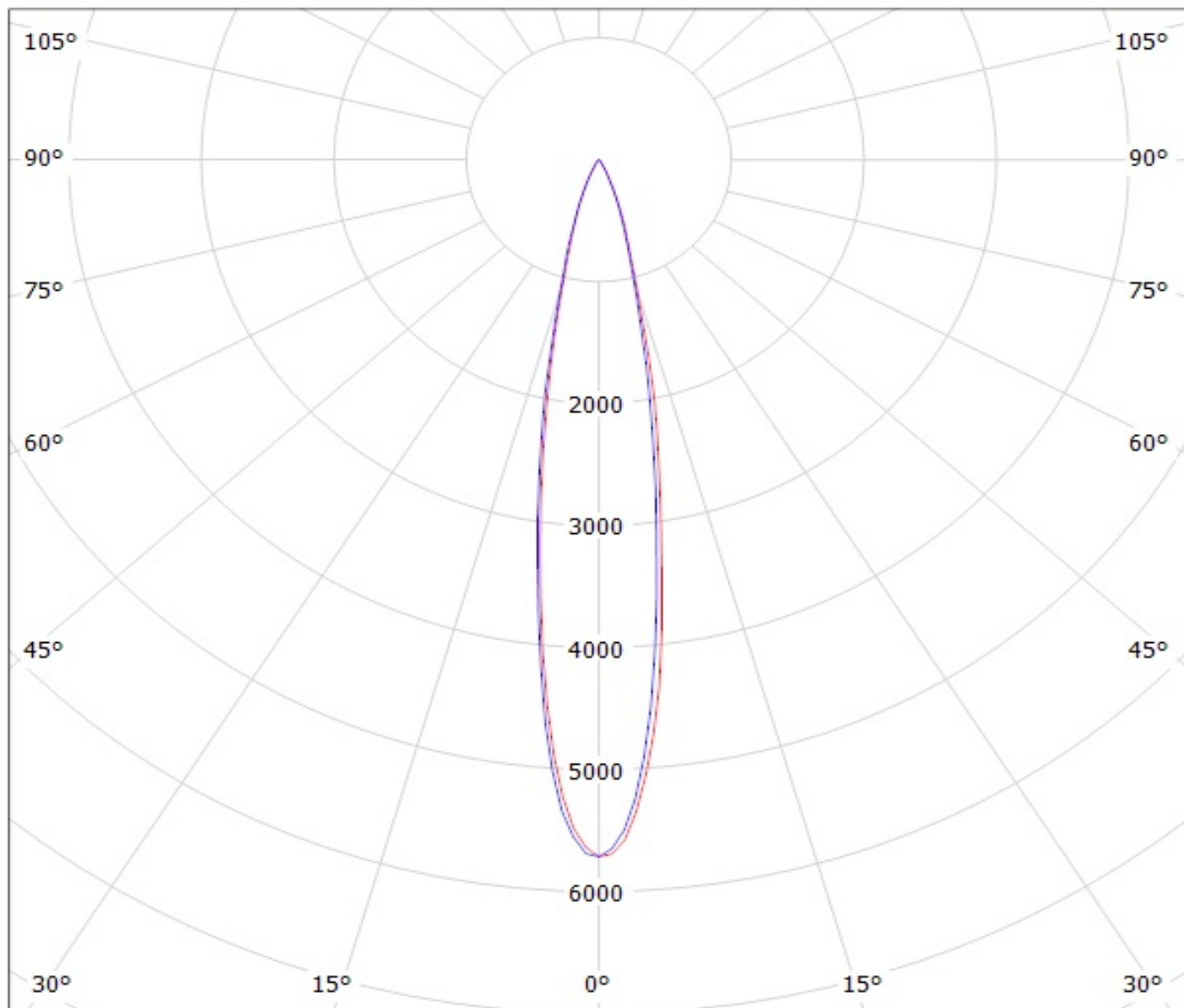
— C0 - C180

— C90 - C270

SIMULATED

Luminaire: Ledil Oy C11670\_ANNA-50-7-S-Luxeon-A Efficiency=87%

Lamps: 1 x Luxeon-A 518lm 250mA



cd/klm

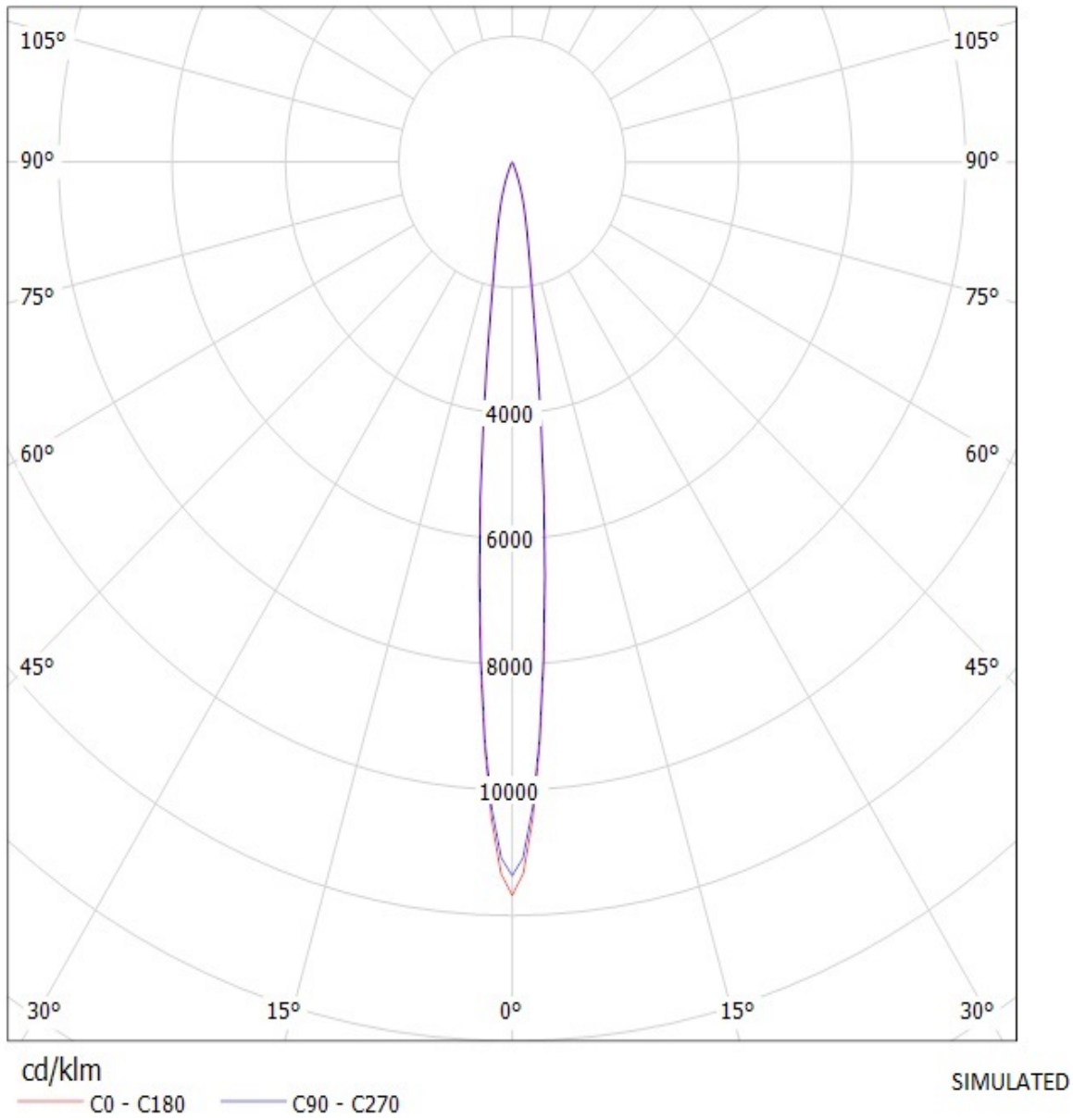
— C0 - C180

— C90 - C270

# Ledil Oy C11670\_Aнна-50-7-S-OSL C11670\_Aнна-50-7-S-OSL / LDC (Polar)

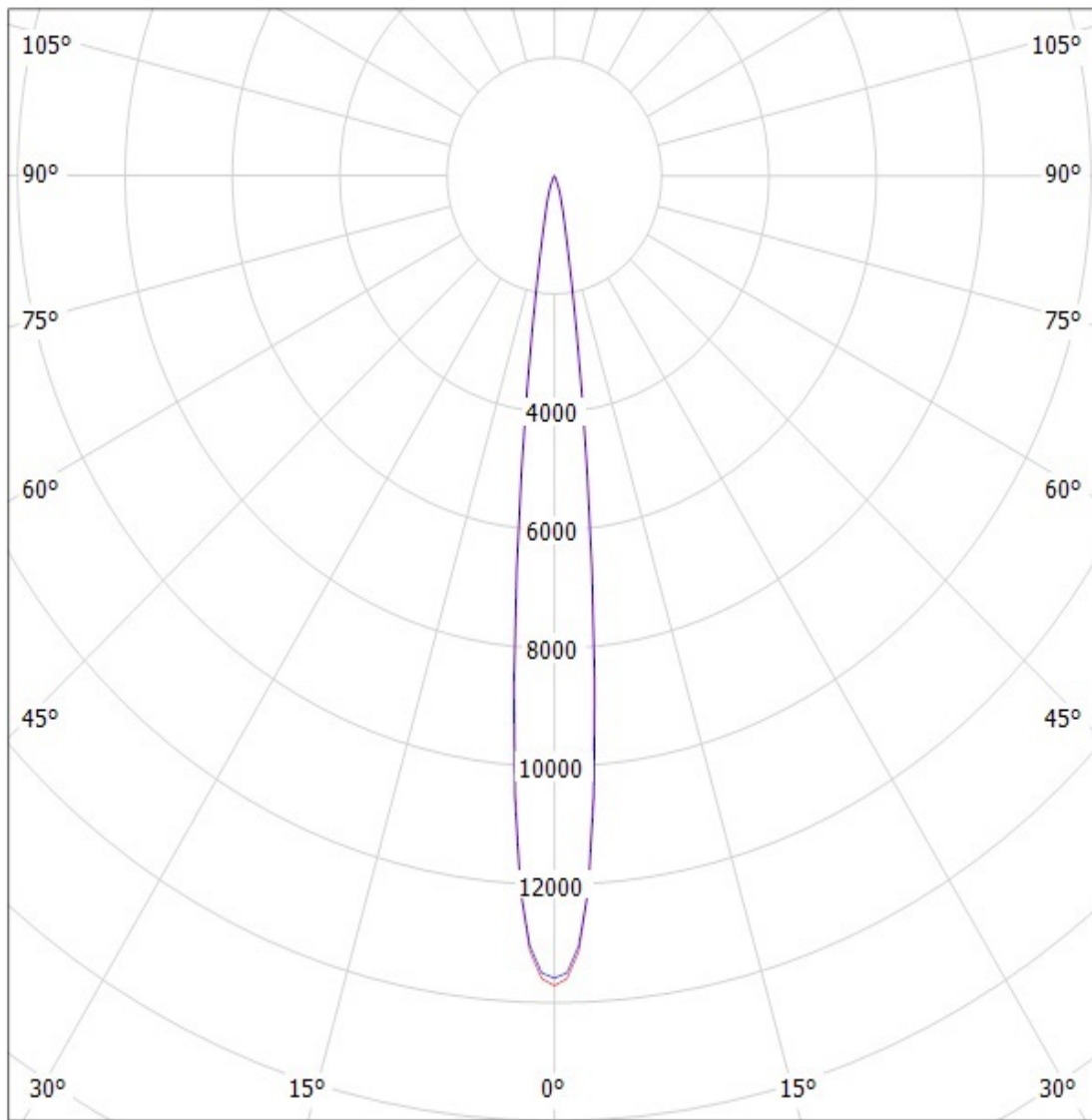
Luminaire: Ledil Oy C11670\_Aнна-50-7-S-OSL C11670\_Aнна-50-7-S-OSL

Lamps: 1 x Osram SSL 80



# Ledil Oy C11670\_Ana-50-7-S-OSL150 C11670\_Ana-50-7-S-OSL150 / LDC (Polar)

Luminaire: Ledil Oy C11670\_Ana-50-7-S-OSL150 C11670\_Ana-50-7-S-OSL150  
Lamps: 1 x Osram SSL 150



cd/klm

— C0 - C180 — C90 - C270

SIMULATED



**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.**