

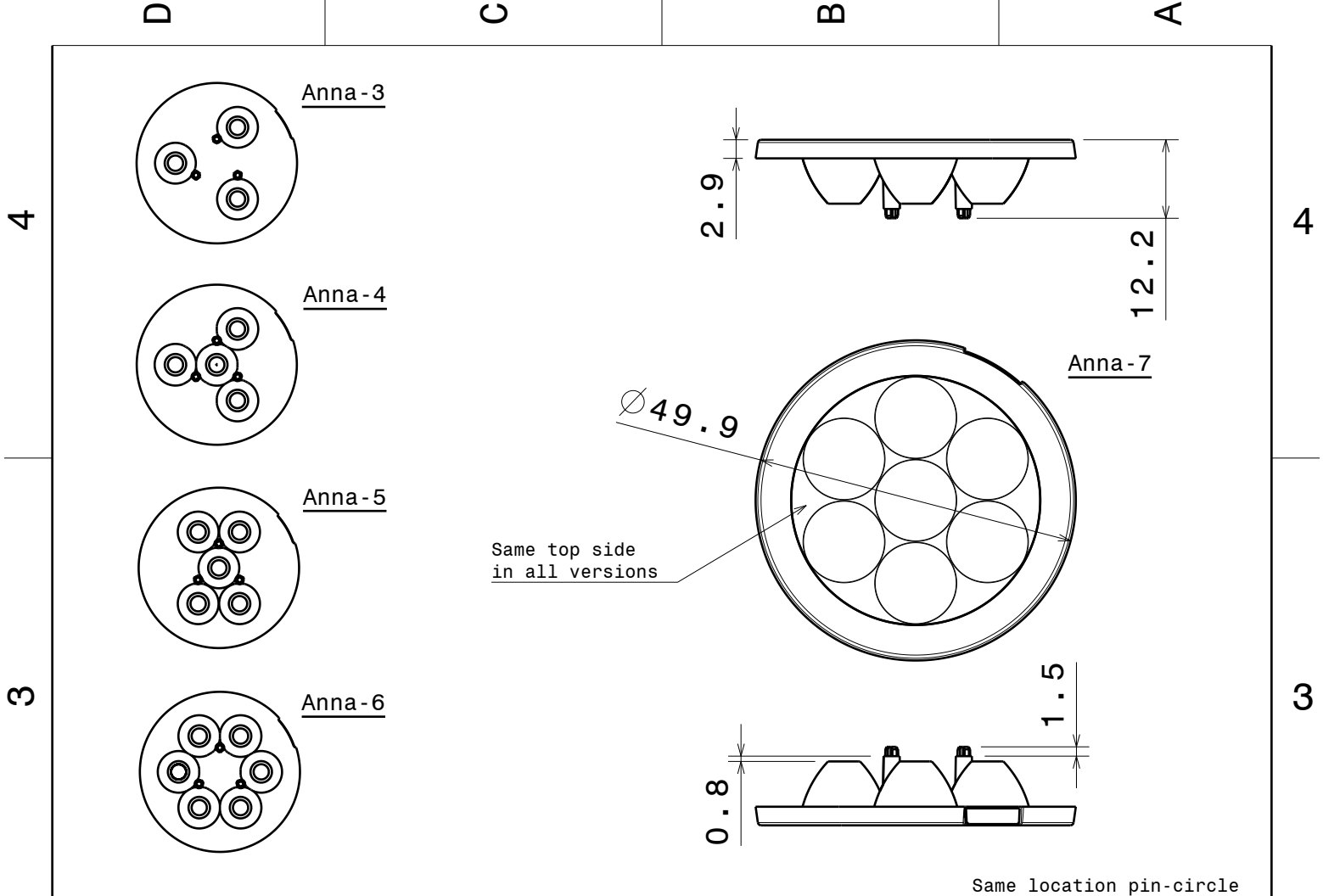
## DETAILS

<b>Product Number</b>	C11812_ANNA-50-6-M
<b>Family</b>	Anna
<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>	glue, pin
<b>Status</b>	production ready
<b>ROHS Compliant</b>	Yes
<b>Date Updated</b>	7/03/2014



## OPTICAL PROPERTIES

LED	Viewing	Light	Effi-	cd/lm	Connector
	Angle	Beam	ciency		
XP-G	25 deg	Medium	91 %	3.600	-
XP-E	19 deg	Medium	91 %	5.200	-
XB-D	22 deg	Medium	87 %	3.450	-
LUXEON Rebel	18 deg	Medium	87 %	5.000	-
LUXEON Rebel ES	27 deg	Medium	87 %	2.300	-
LUXEON A	26 deg	Medium	84 %	2.840	-
NCSxx19A	23 deg	Medium	89 %	3.200	-
NVSxx19A	25 deg	Medium	89 %	2.900	-
NF2x757A	20 deg	Medium	90 %	4.080	-
NVSxx19B/NVSxx19C	sim: 23	Medium	sim: 89 %	sim: 4.700	-
Oslon SSL 150	22 deg	Medium	89 %	4.000	-
Oslon SSL 80	20 deg	Medium	88 %	4.200	-
Z5M	23 deg	Medium	88 %	3.900	-
Double Dome (GM2BB)	sim: 24	Medium	-	-	-



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.

This drawing is our property.  
 It can't be reproduced  
 or communicated without  
 our written agreement.



DRAWING TITLE

DRAWN BY  
p

DATE  
05.10.2010

Datasheet Anna50-series Lens

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

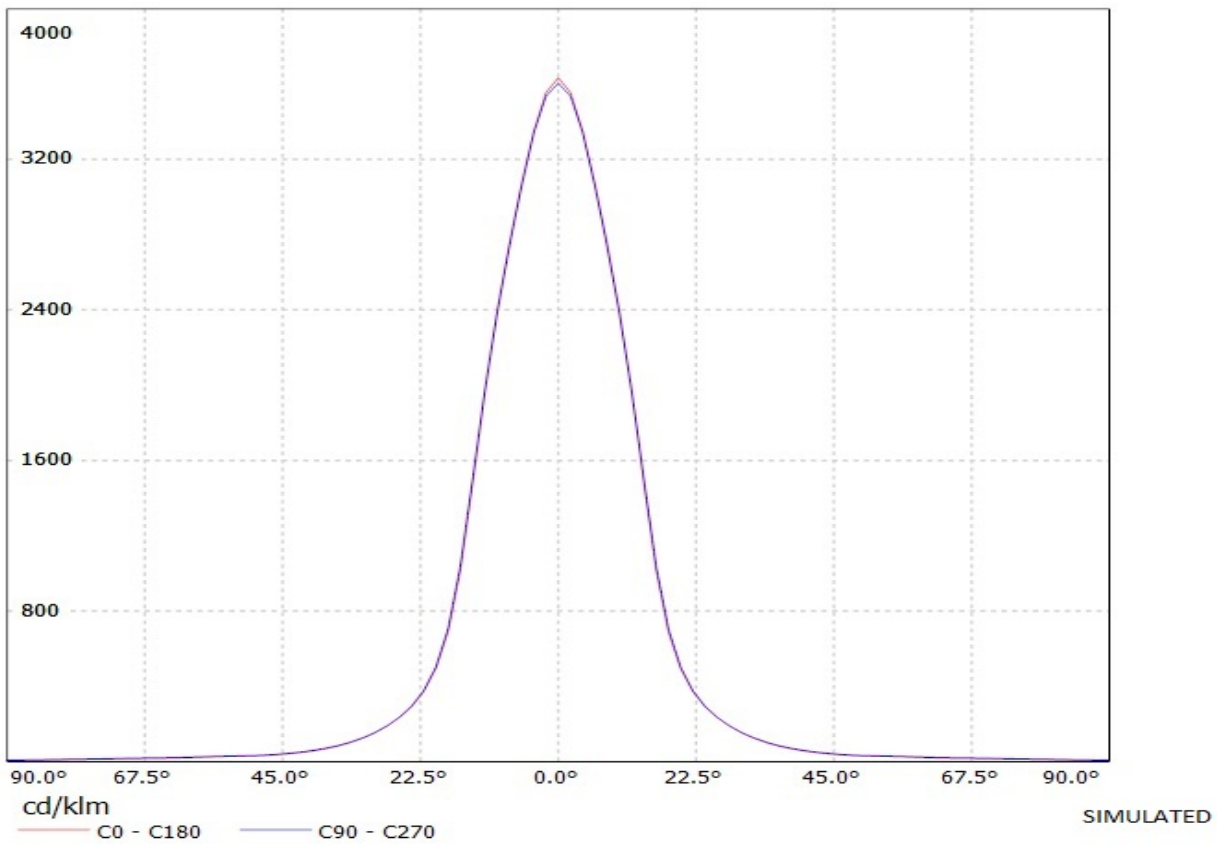
1

D

A

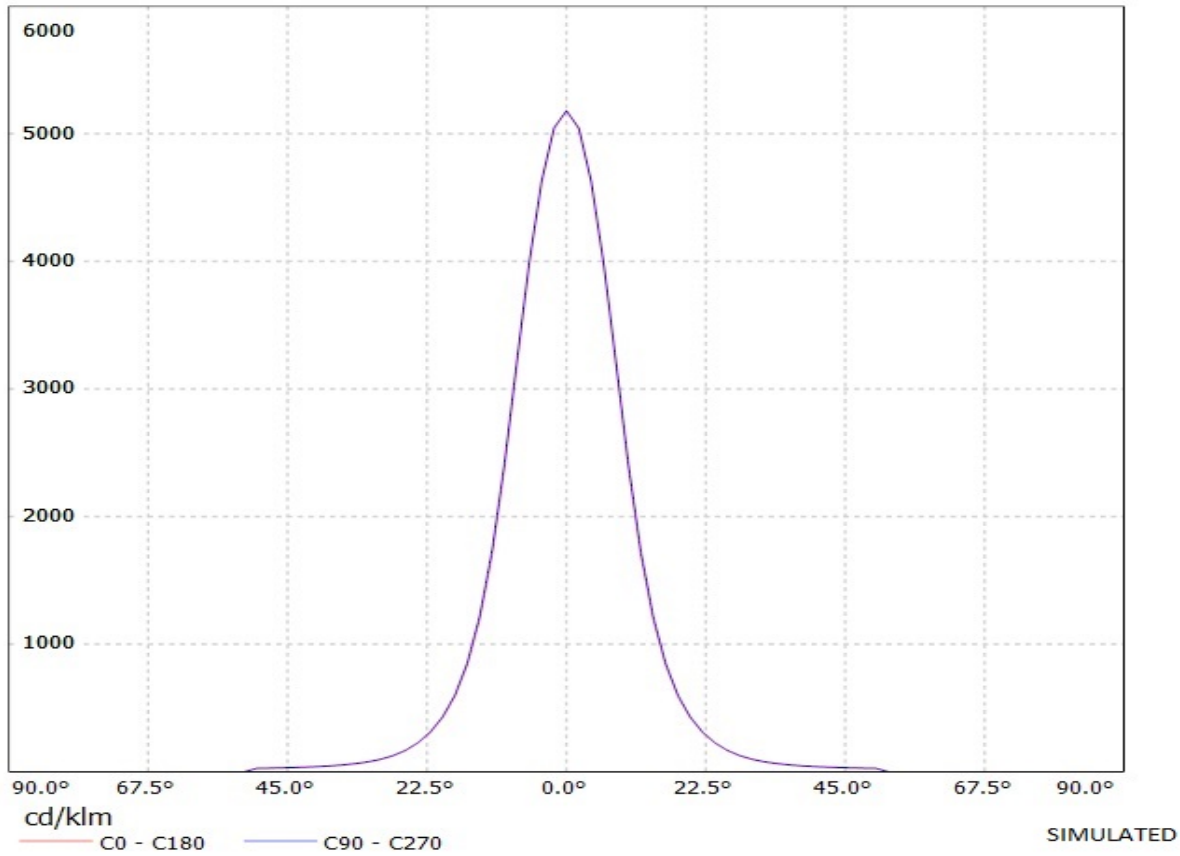
# Ledil Oy C11812\_Anna-50-6-M-XP-G C11812\_Anna-50-6-M-XP-G / LDC (Linear)

Luminaire: Ledil Oy C11812\_Anna-50-6-M-XP-G C11812\_Anna-50-6-M-XP-G  
Lamps: 1 x Cree XP-G (White)



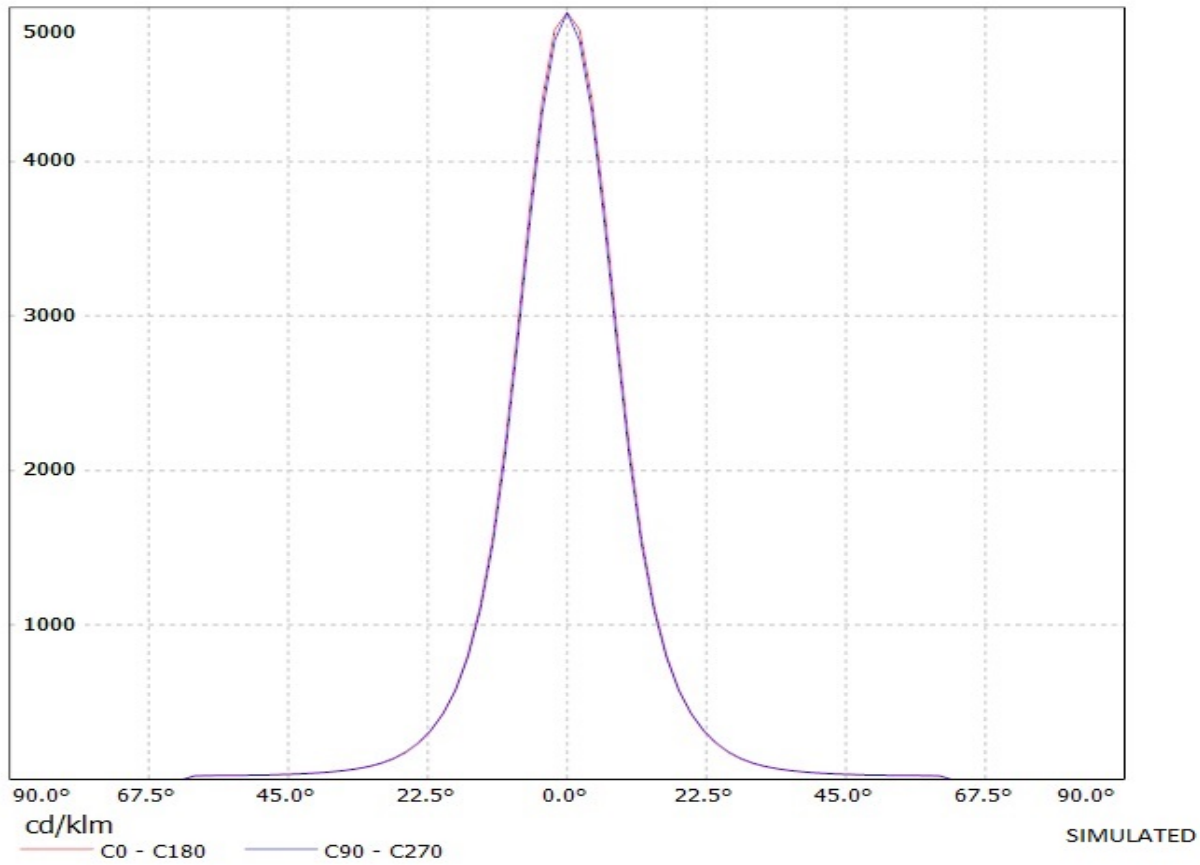
# Ledil Oy C11812\_AnnA-50-6-M-XP C11812\_AnnA-50-6-M-XP / LDC (Linear)

Luminaire: Ledil Oy C11812\_AnnA-50-6-M-XP C11812\_AnnA-50-6-M-XP  
Lamps: 1 x Cree XP-E (white) 442lm



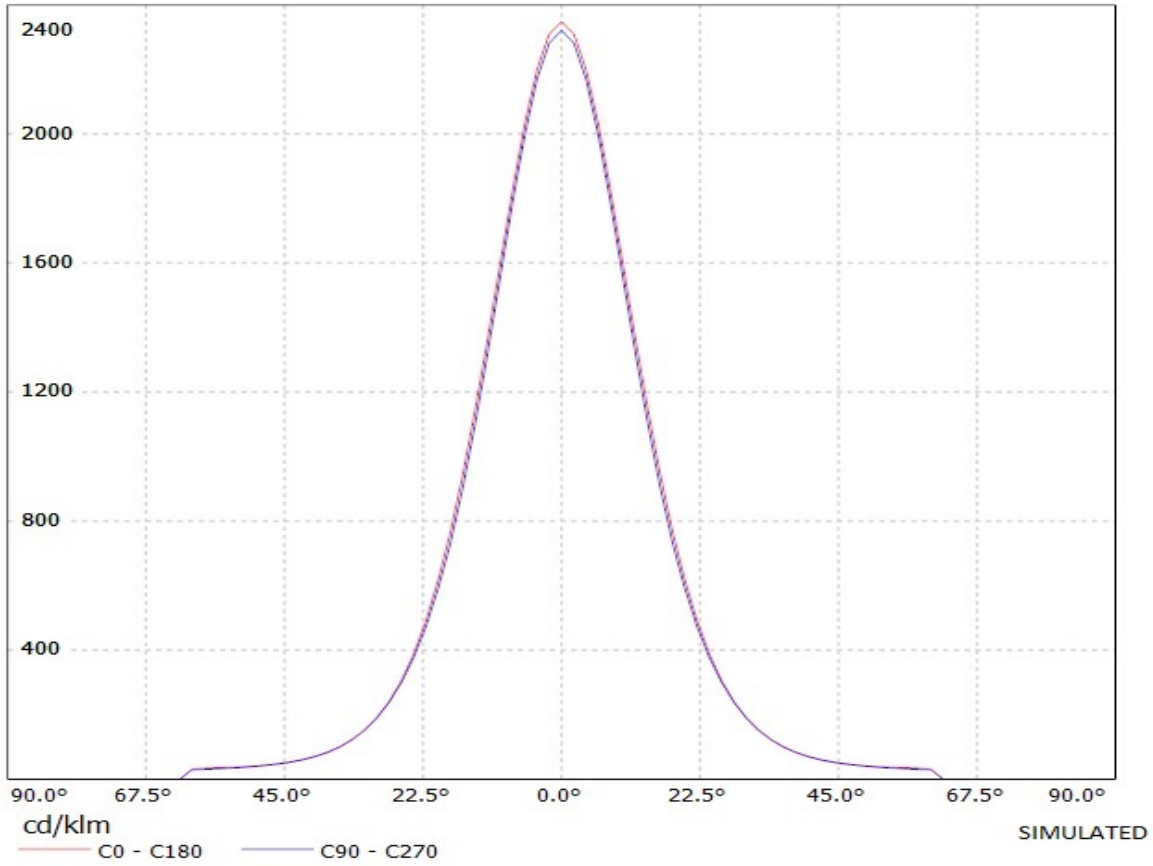
# Ledil Oy C11812-Anna-50-6-M-RE C11812-Anna-50-6-M-RE / LDC (Linear)

Luminaire: Ledil Oy C11812-Anna-50-6-M-RE C11812-Anna-50-6-M-RE  
Lamps: 1 x Luxeon Rebel (white) 482



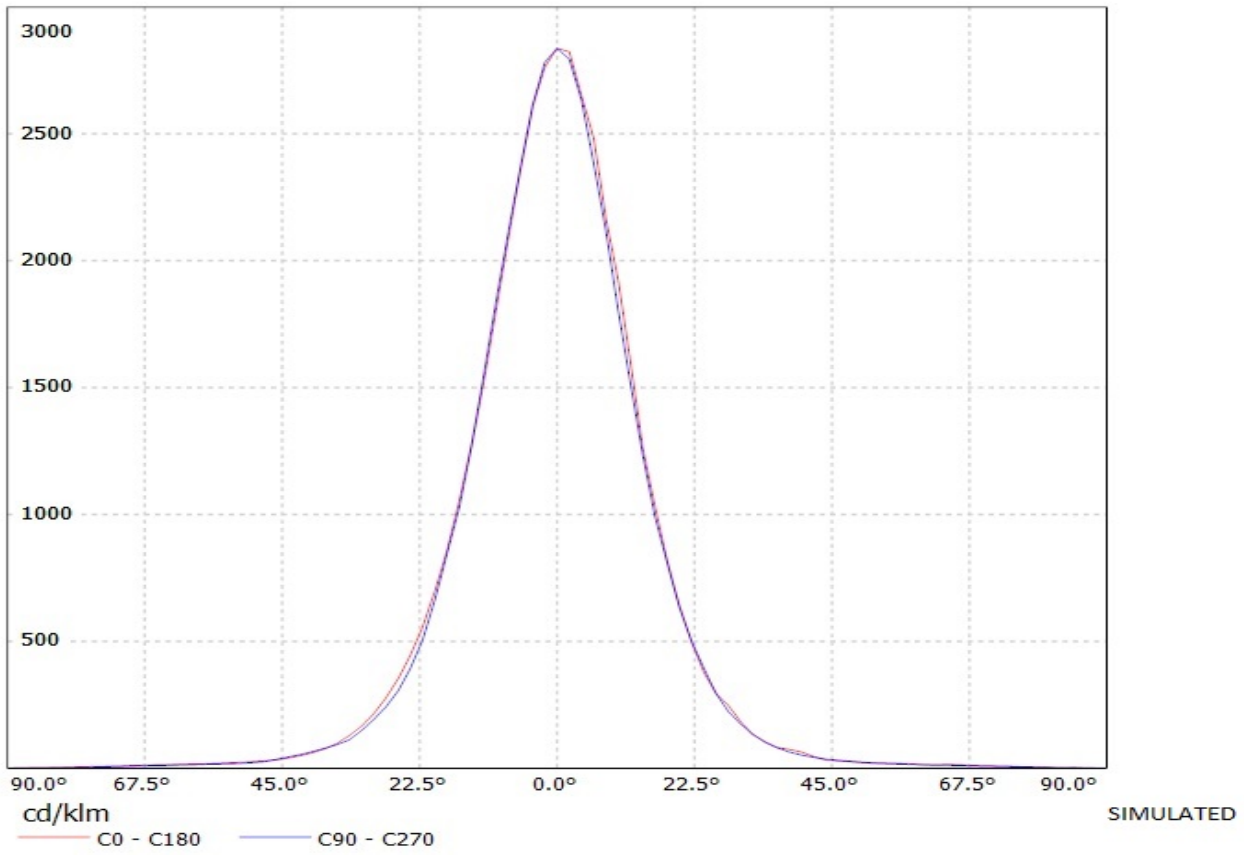
Ledil Oy C11812-Anna-50-6-M-RE-ES C11812-Anna-50-6-M-RE-ES / LDC (Linear)

Luminaire: Ledil Oy C11812-Anna-50-6-M-RE-ES C11812-Anna-50-6-M-RE-ES  
Lamps: 1 x Luxeon Rebel ES (white)



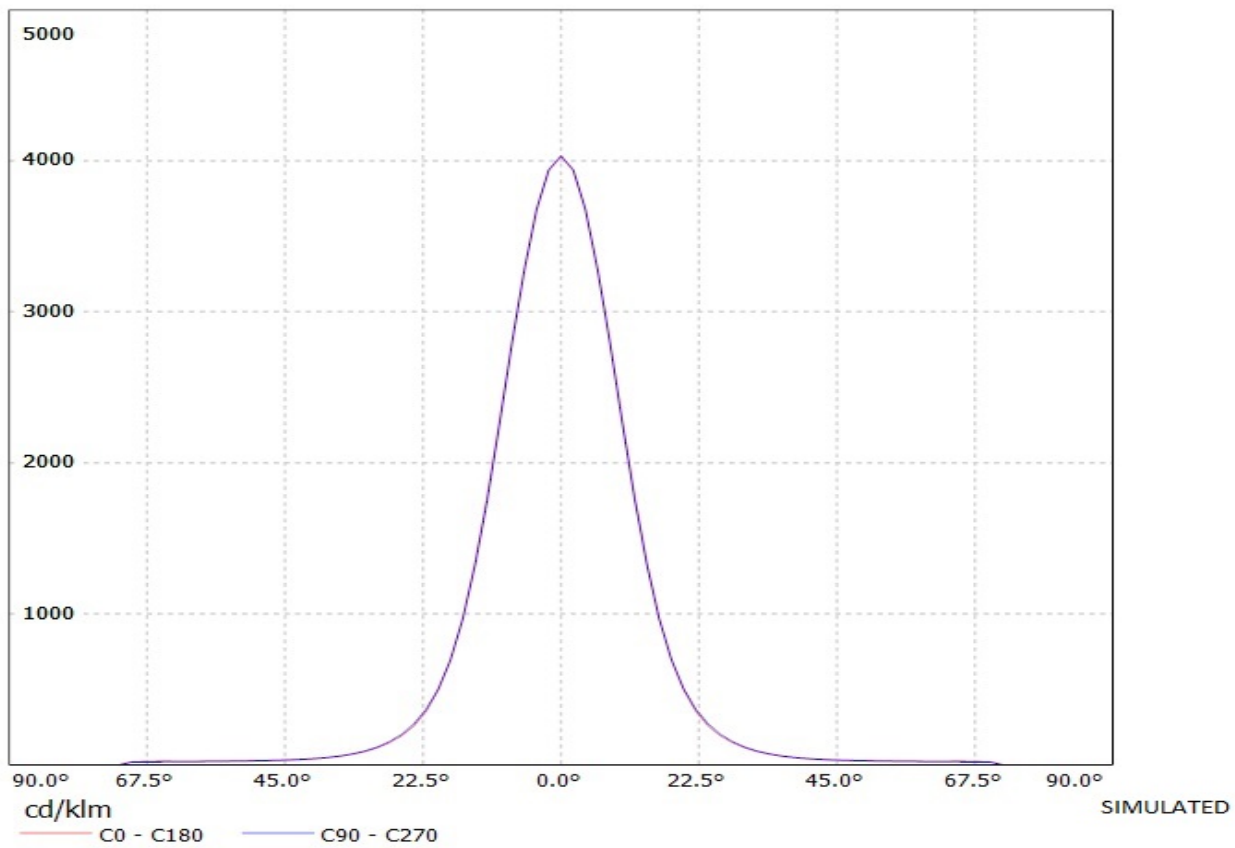
**Ledil Oy C11812-Anna-50-6-M-RE-A Efficiency=84% / LDC (Linear)**

Luminaire: Ledil Oy C11812-Anna-50-6-M-RE-A Efficiency=84%  
Lamps: 1 x Luxeon-A 444lm 250mA



# Ledil Oy C11812\_Anna-50-6-M-OSL150 C11812\_Anna-50-6-M-OSL150 / LDC (Linear)

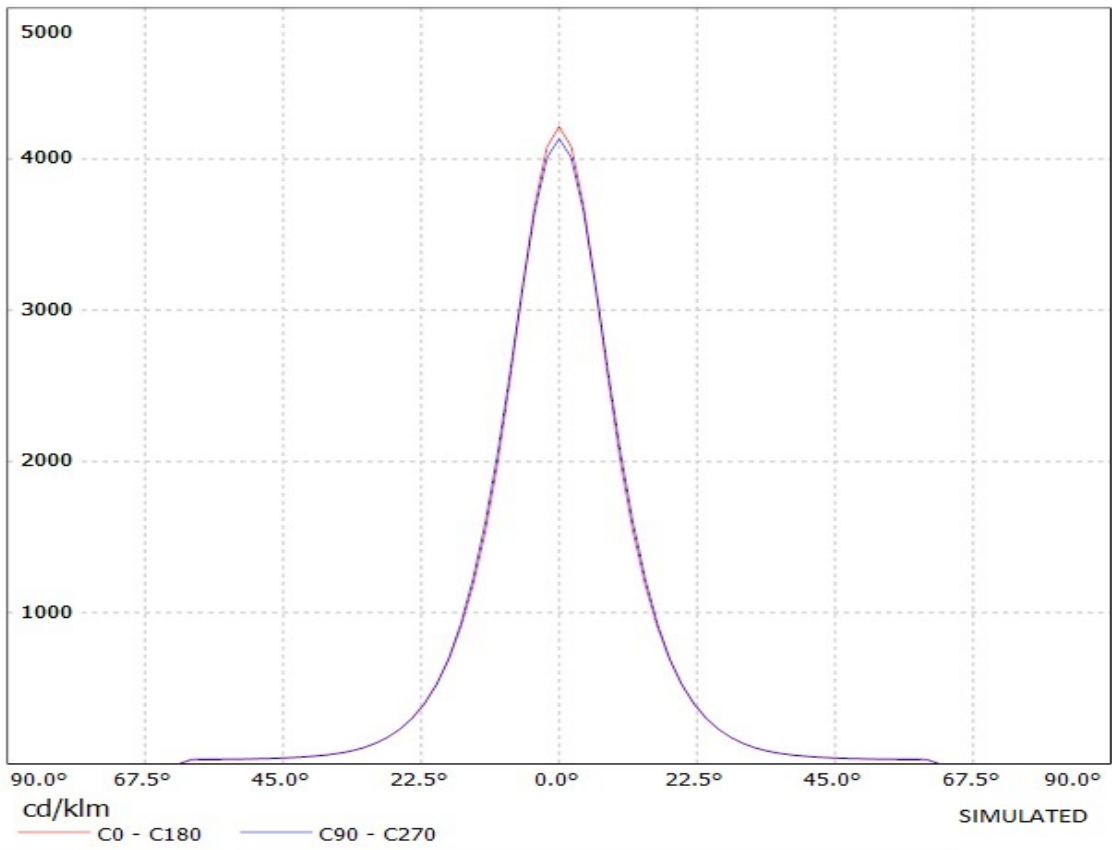
Luminaire: Ledil Oy C11812\_Anna-50-6-M-OSL150 C11812\_Anna-50-6-M-OSL150  
Lamps: 1 x Osram SSL 150





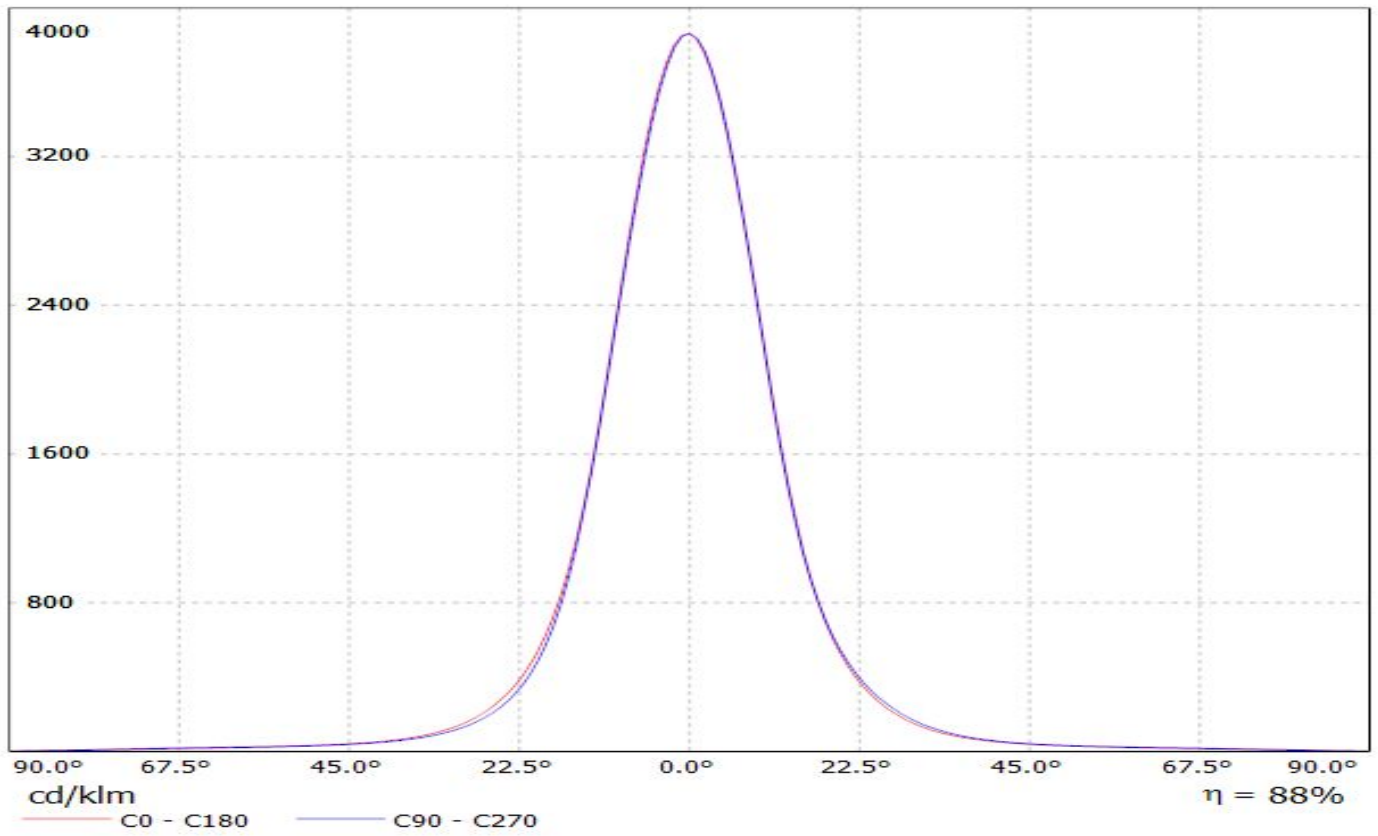
**Ledil Oy C11812\_Aнна-50-6-M-OSL C11812\_Aнна-50-6-M-OSL / LDC (Linear)**

Luminaire: Ledil Oy C11812\_Aнна-50-6-M-OSL C11812\_Aнна-50-6-M-OSL  
Lamps: 1 x Osram SSL 80



**LEDiL Oy C11812\_ANNA-50-6-M\_(SEOUL\_SZ5) Eff.87.6% / LDC (Linear)**

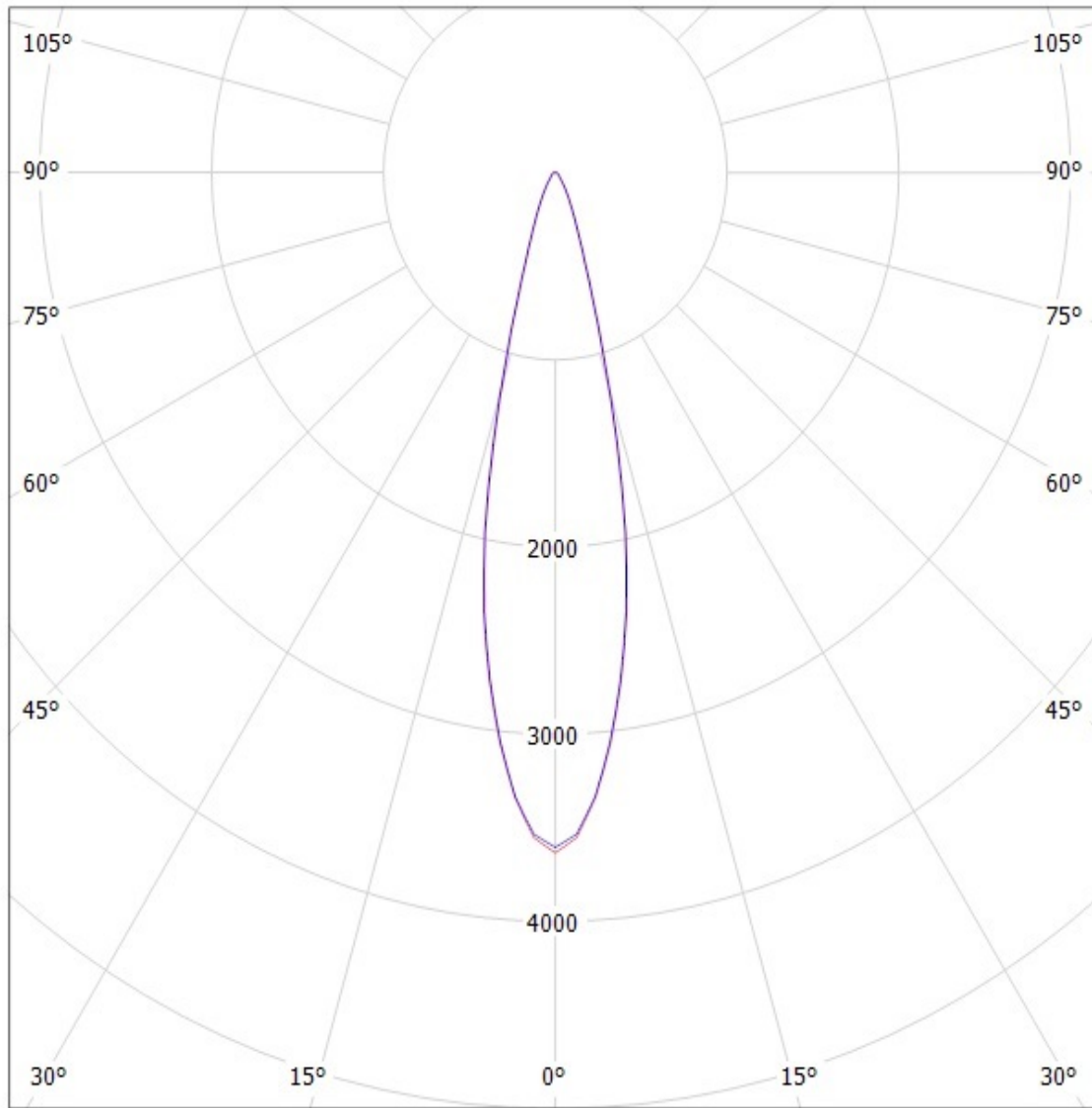
Luminaire: LEDiL Oy C11812\_ANNA-50-6-M\_(SEOUL\_SZ5) Eff.87.6%  
Lamps: 1 x SEOUL\_SZ5 (526.235lm@250mA)



# 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

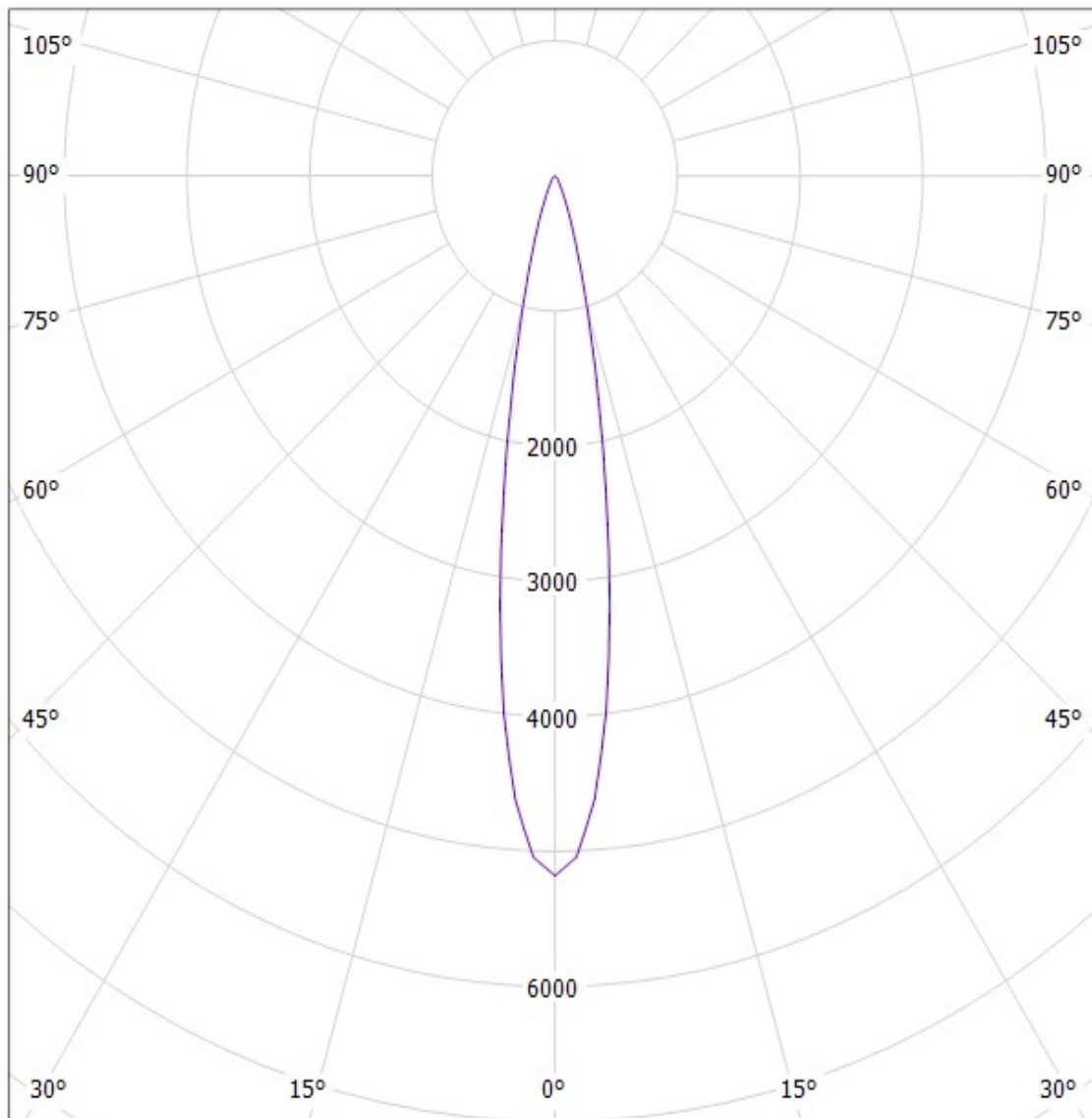
— C90 - C270

SIMULATED

# Ledil Oy C11812\_AnnA-50-6-M-XP C11812\_AnnA-50-6-M-XP / LDC (Polar)

Luminaire: Ledil Oy C11812\_AnnA-50-6-M-XP C11812\_AnnA-50-6-M-XP

Lamps: 1 x Cree XP-E (white) 442lm



cd/klm

— C0 - C180

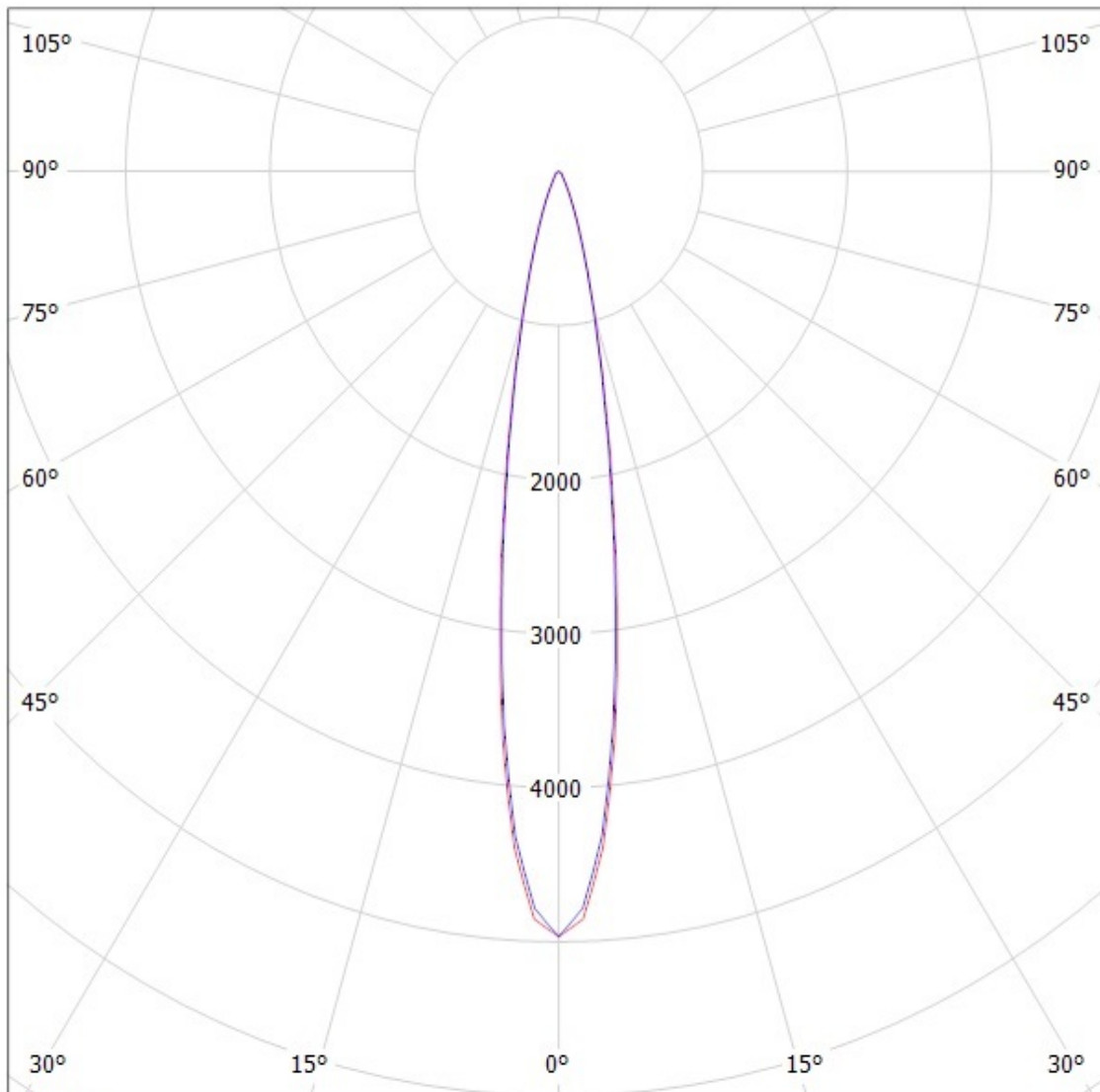
— C90 - C270

SIMULATED

# Ledil Oy C11812-Anna-50-6-M-RE C11812-Anna-50-6-M-RE / LDC (Polar)

Luminaire: Ledil Oy C11812-Anna-50-6-M-RE C11812-Anna-50-6-M-RE

Lamps: 1 x Luxeon Rebel (white) 482



cd/klm

— C0 - C180

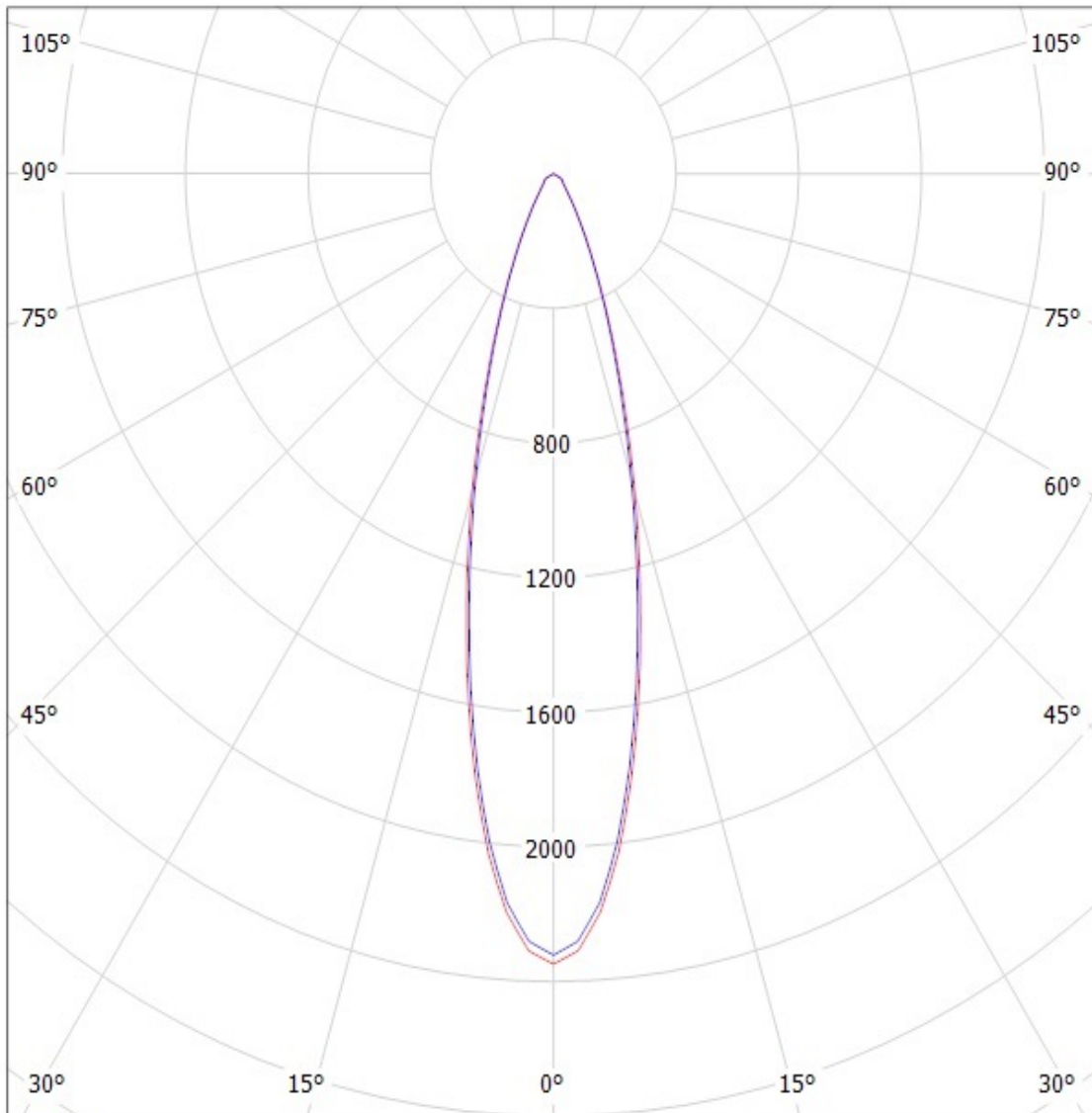
— C90 - C270

SIMULATED

# Ledil Oy C11812-Anna-50-6-M-RE-ES C11812-Anna-50-6-M-RE-ES / LDC (Polar)

Luminaire: Ledil Oy C11812-Anna-50-6-M-RE-ES C11812-Anna-50-6-M-RE-ES

Lamps: 1 x Luxeon Rebel ES (white)



cd/klm

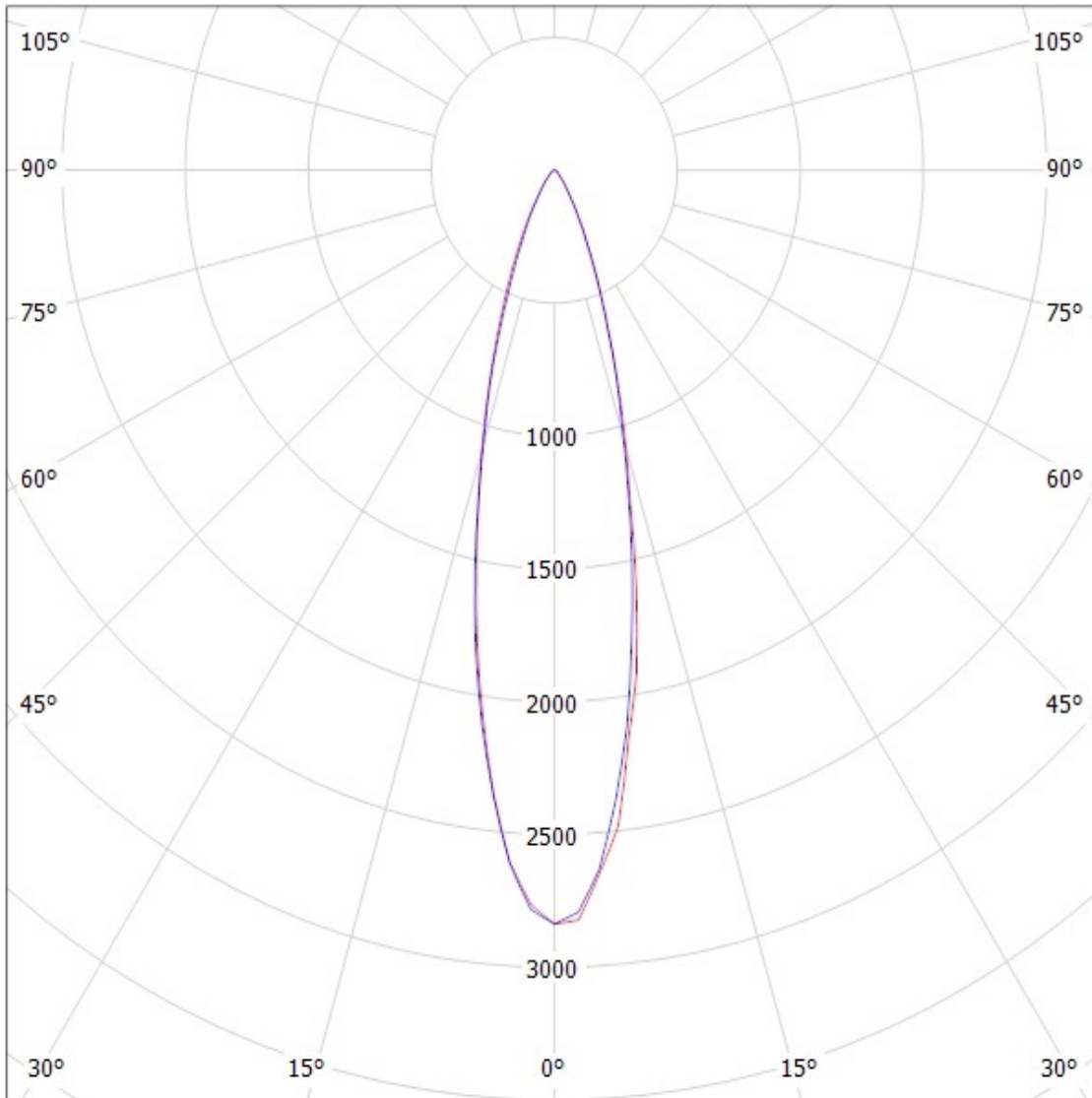
— C0 - C180

— C90 - C270

SIMULATED

# Ledil Oy C11812-Anna-50-6-M-RE-A Efficiency=84% / LDC (Polar)

Luminaire: Ledil Oy C11812-Anna-50-6-M-RE-A Efficiency=84%  
Lamps: 1 x Luxeon-A 444lm 250mA



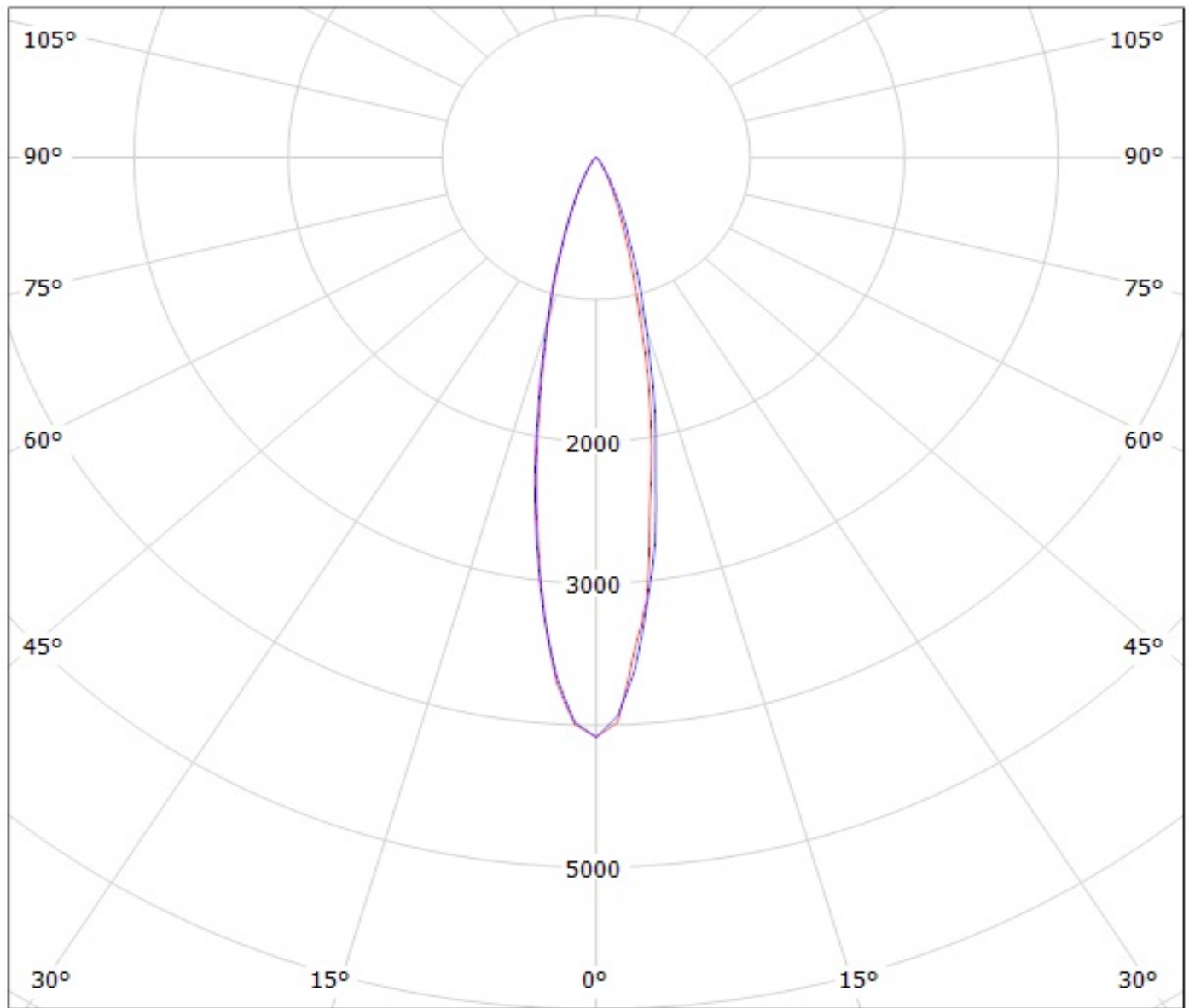
cd/klm

— C0 - C180

— C90 - C270

SIMULATED

Luminaire: Ledil Oy C11812\_ANNA-50-6-M-757 (Nichia 757 194lm @ 100mA) LOR=90%  
Lamps: 1 x Nichia 757 194lm @ 100mA



cd/klm

— C0 - C180

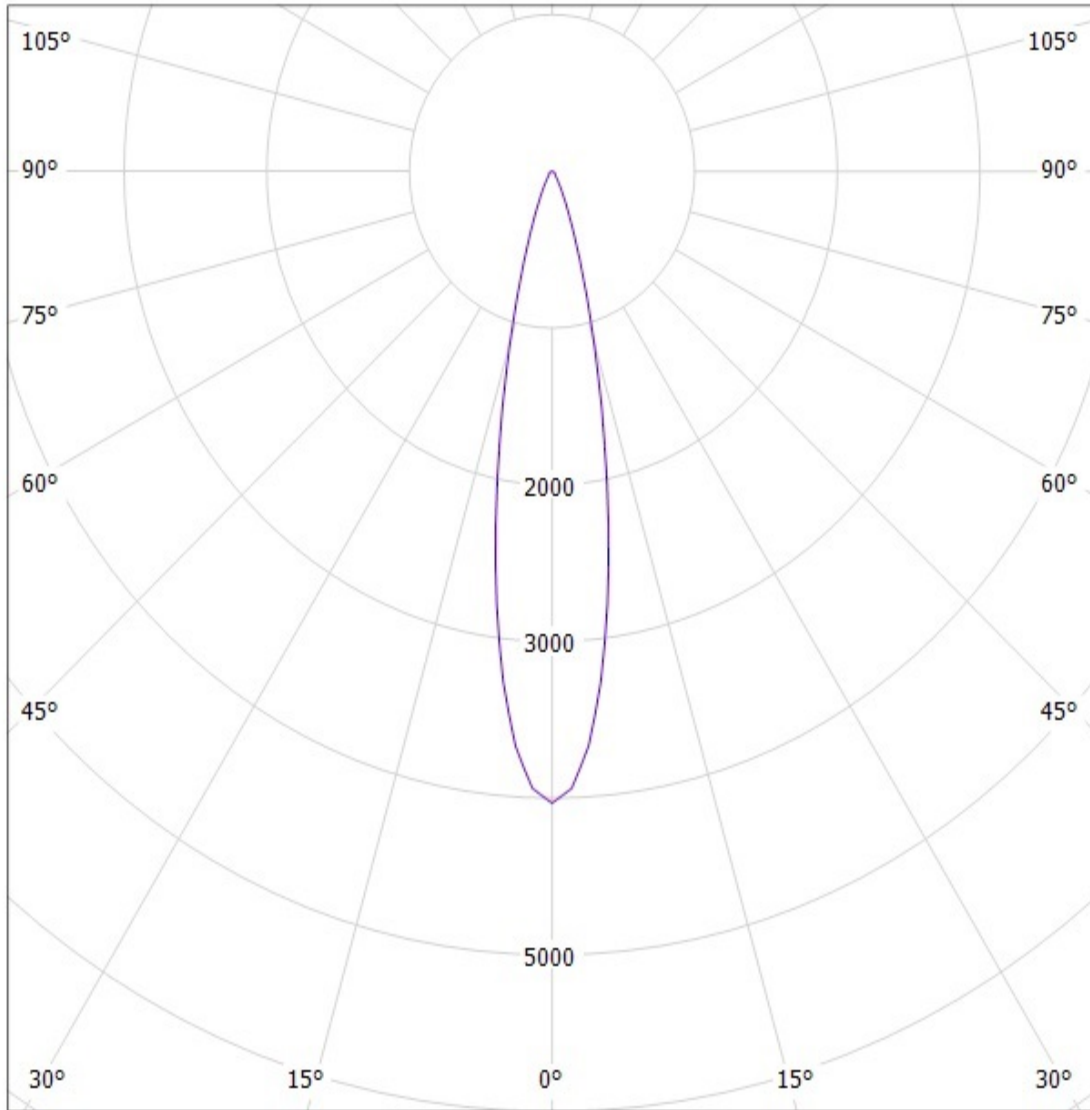
— C90 - C270



# Ledil Oy C11812\_Aнна-50-6-M-OSL150 C11812\_Aнна-50-6-M-OSL150 / LDC (Polar)

Luminaire: Ledil Oy C11812\_Aнна-50-6-M-OSL150 C11812\_Aнна-50-6-M-OSL150

Lamps: 1 x Osram SSL 150



cd/klm

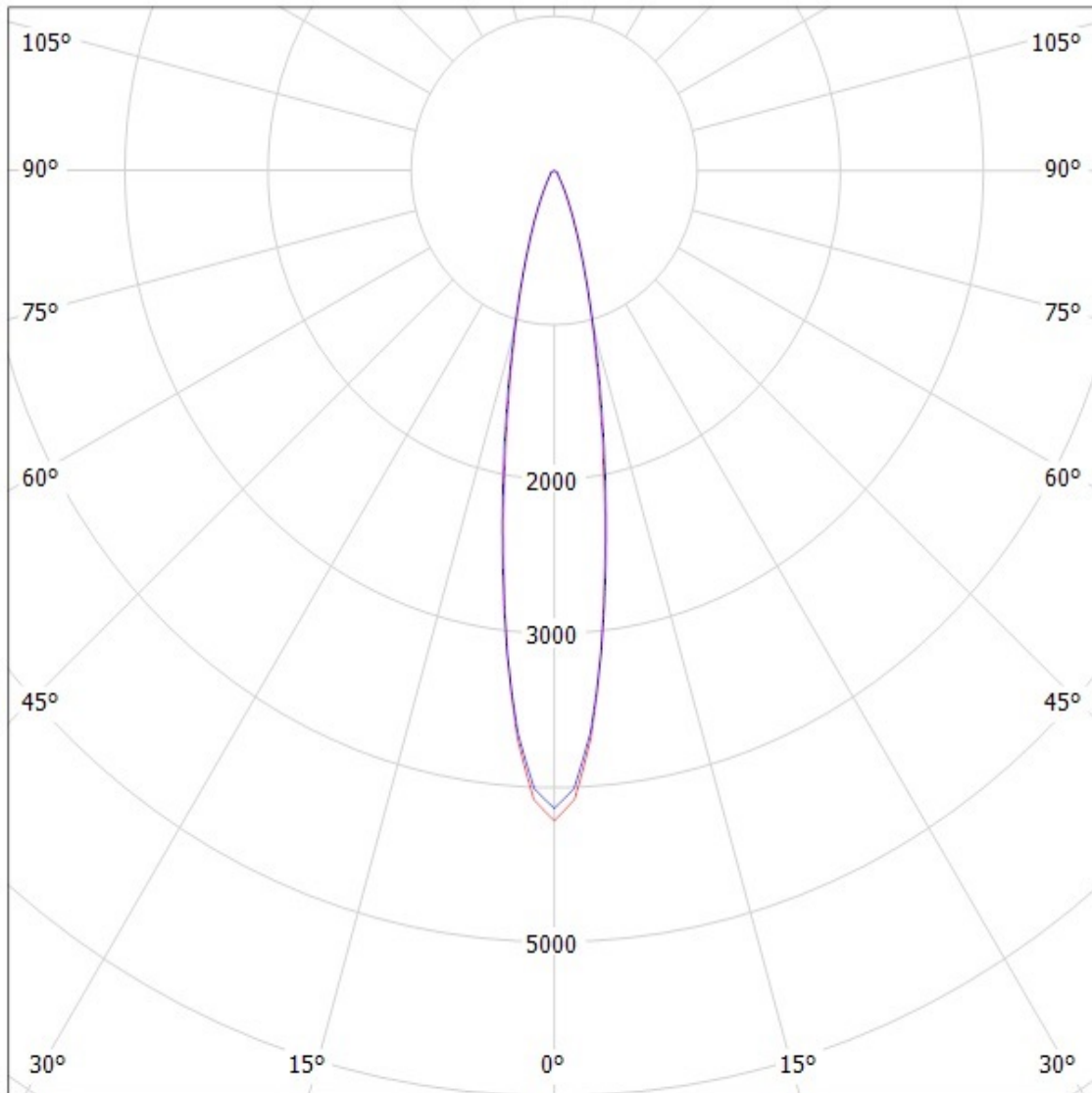
— C0 - C180 — C90 - C270

SIMULATED

# Ledil Oy C11812\_AnnA-50-6-M-OSL C11812\_AnnA-50-6-M-OSL / LDC (Polar)

Luminaire: Ledil Oy C11812\_AnnA-50-6-M-OSL C11812\_AnnA-50-6-M-OSL

Lamps: 1 x Osram SSL 80



cd/klm

— C0 - C180

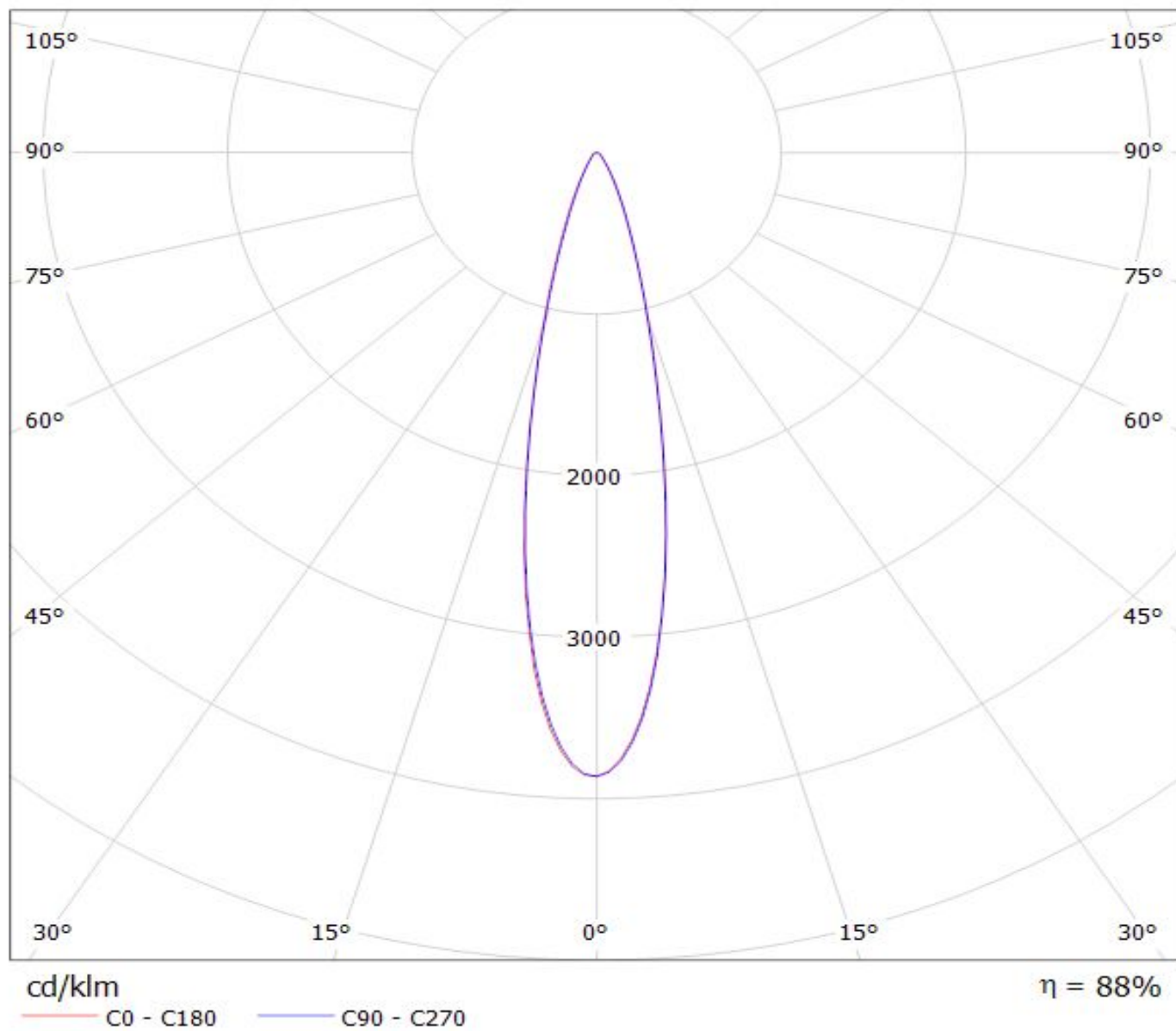
— C90 - C270

SIMULATED

# LEDiL Oy C11812\_ANNA-50-6-M\_(SEOUL\_SZ5) Eff.87.6% / LDC (Polar)

Luminaire: LEDiL Oy C11812\_ANNA-50-6-M\_(SEOUL\_SZ5) Eff.87.6%

Lamps: 1 x SEOUL\_SZ5 (526.235lm@250mA)



**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.**