

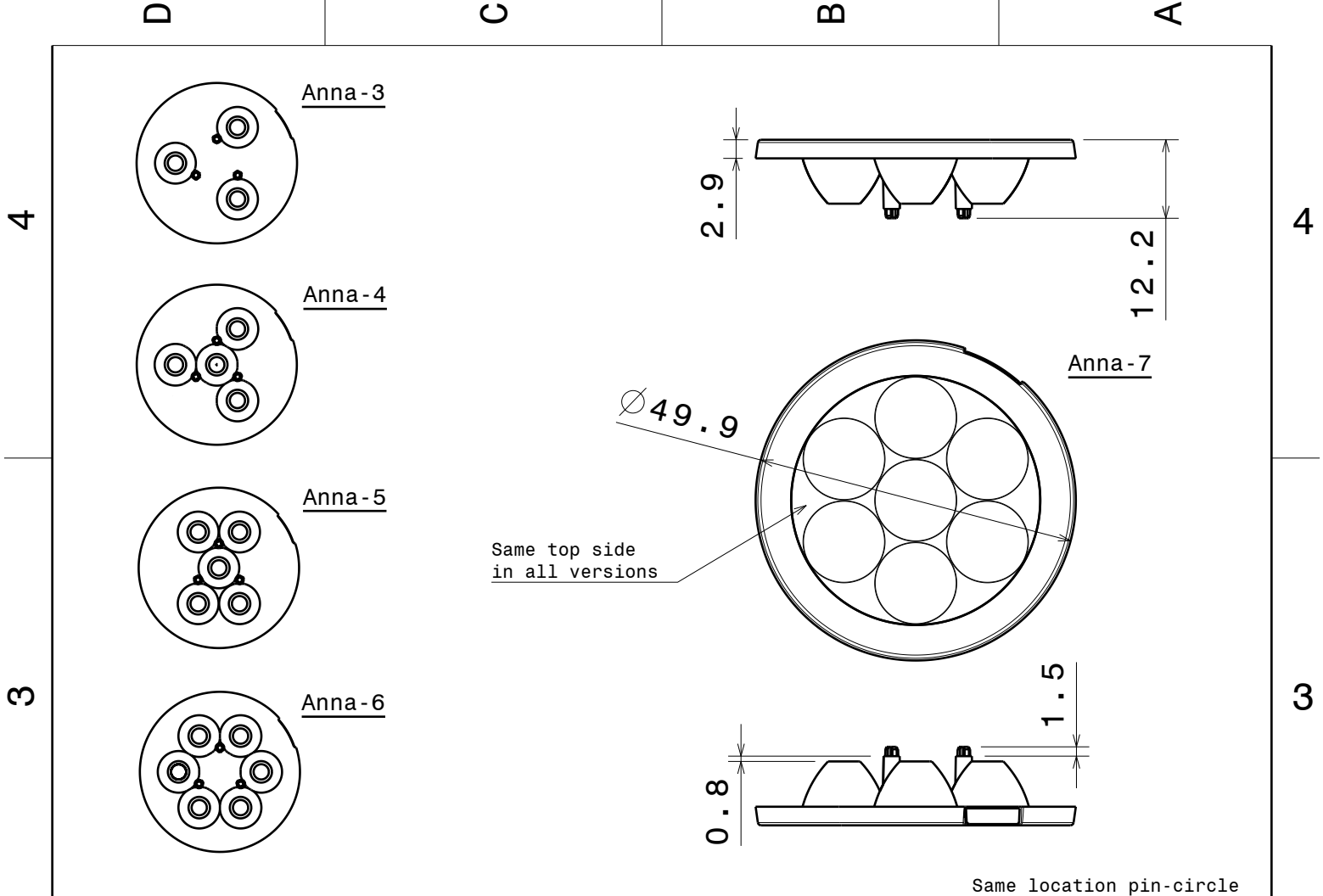
DETAILS

Product Number	C11613_ANNA-50-5-M
Family	Anna
Type	Lens array
Color	clear
Diameter	50 mm
Height	10,7 mm
Style	round
Optic Material	PMMA
Holder Material	
Fastening	pin, glue
Status	production ready
ROHS Compliant	Yes
Date Updated	3/03/2014



OPTICAL PROPERTIES

LED	Viewing Angle	Light Beam	Efficiency	cd/lm	Connector
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	-
Oslon SSL 80	20 deg	Medium	90 %	11.700	-
Oslon SSL 150	22 deg	Medium	89 %	4.000	-
Z5	sim: 23	Medium	-	-	-
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.

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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

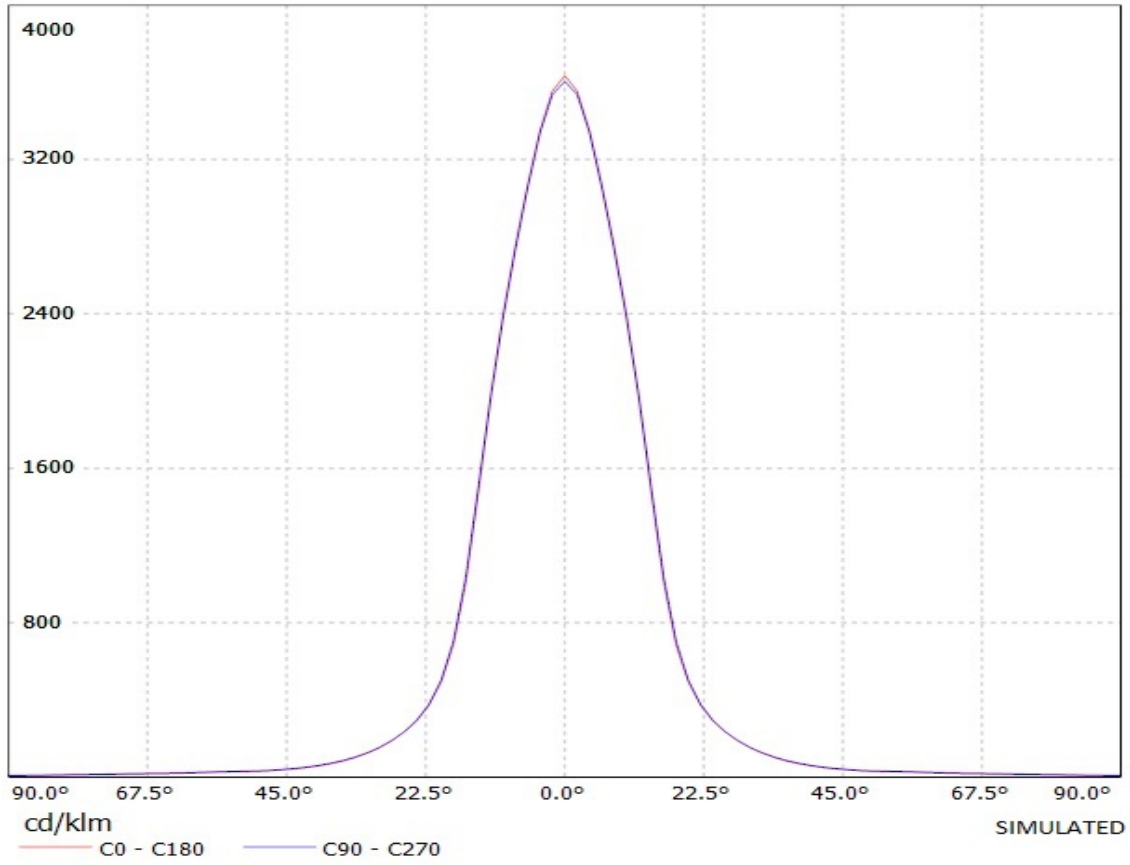
1

D

A

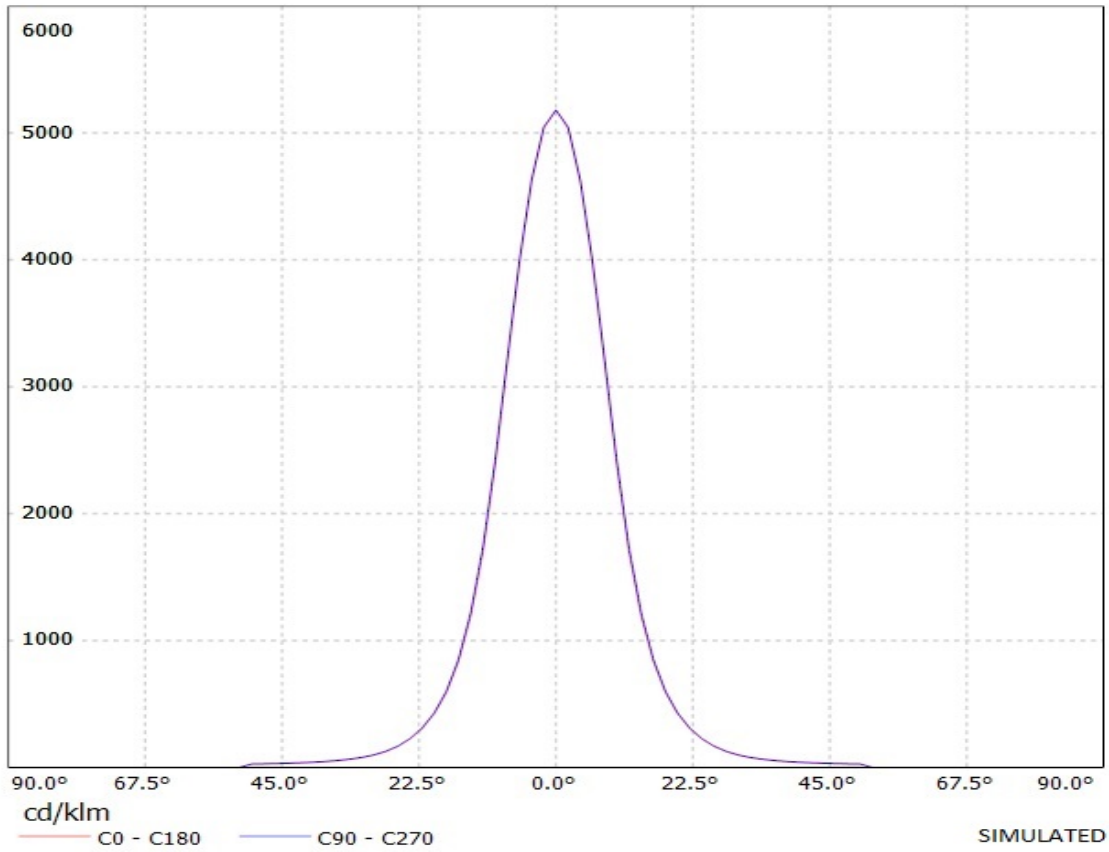
Ledil Oy C11613_Ann-50-5-M-XP-G C11613_Ann-50-5-M-XP-G / LDC (Linear)

Luminaire: Ledil Oy C11613_Ann-50-5-M-XP-G C11613_Ann-50-5-M-XP-G
Lamps: 1 x Cree XP-G (White)



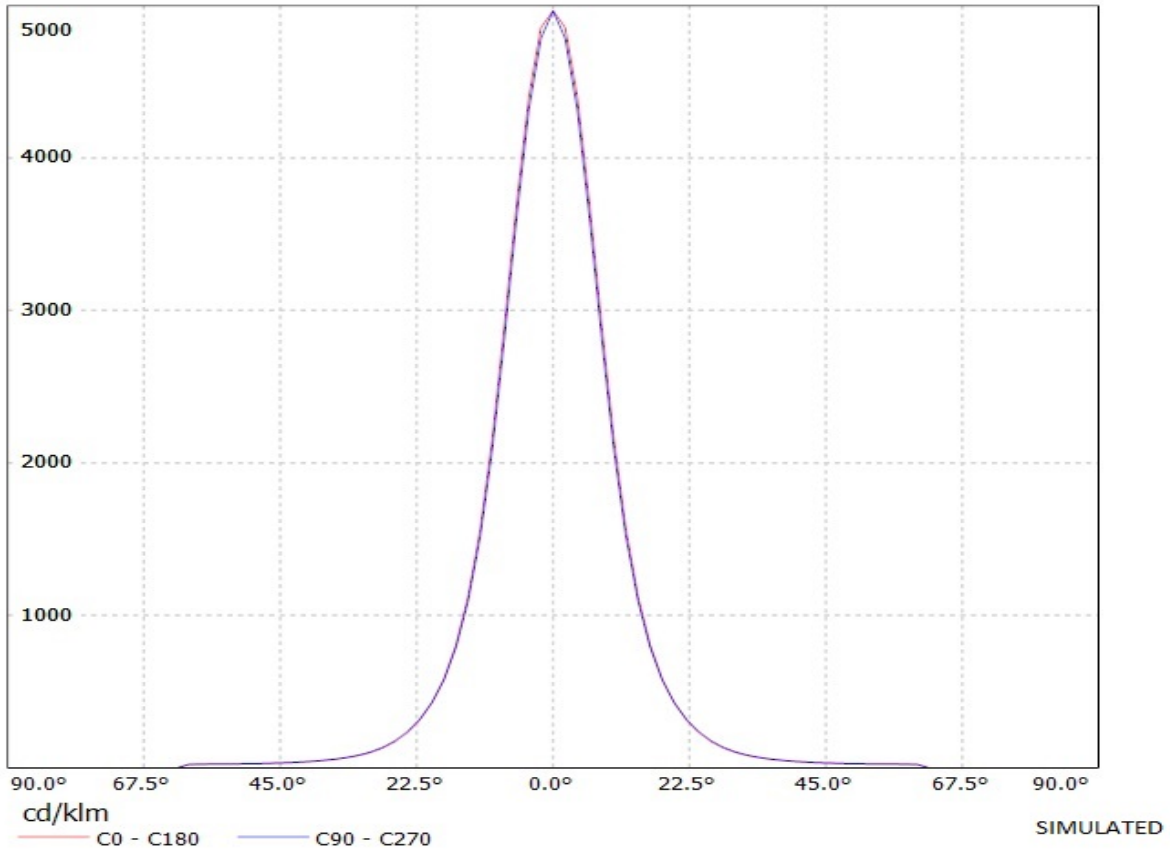
Ledil Oy C11613_AnnA-50-5-M-XP C11613_AnnA-50-5-M-XP / LDC (Linear)

Luminaire: Ledil Oy C11613_AnnA-50-5-M-XP C11613_AnnA-50-5-M-XP
Lamps: 1 x Cree XP-E (white) 369lm



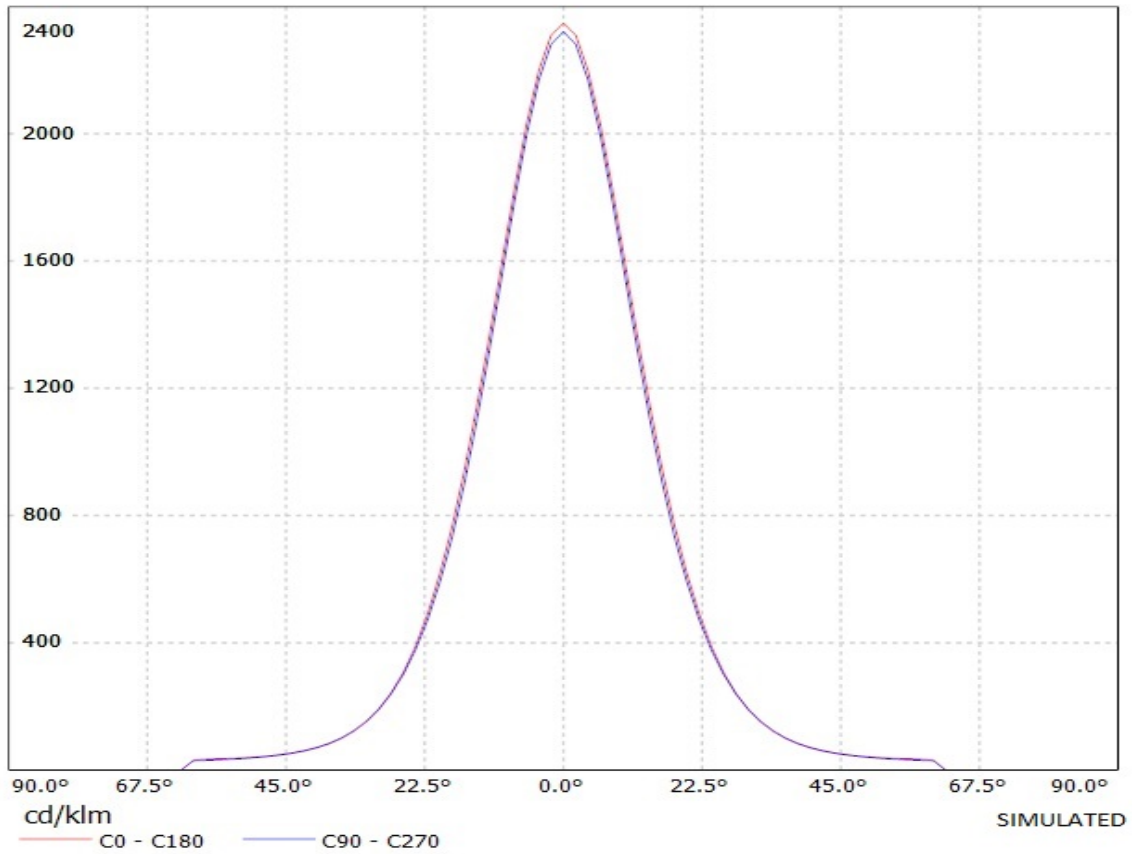
Ledil Oy C11613-Anna-50-5-M-RE C11613-Anna-50-5-M-RE / LDC (Linear)

Luminaire: Ledil Oy C11613-Anna-50-5-M-RE C11613-Anna-50-5-M-RE
Lamps: 1 x Luxeon Rebel (white) 404



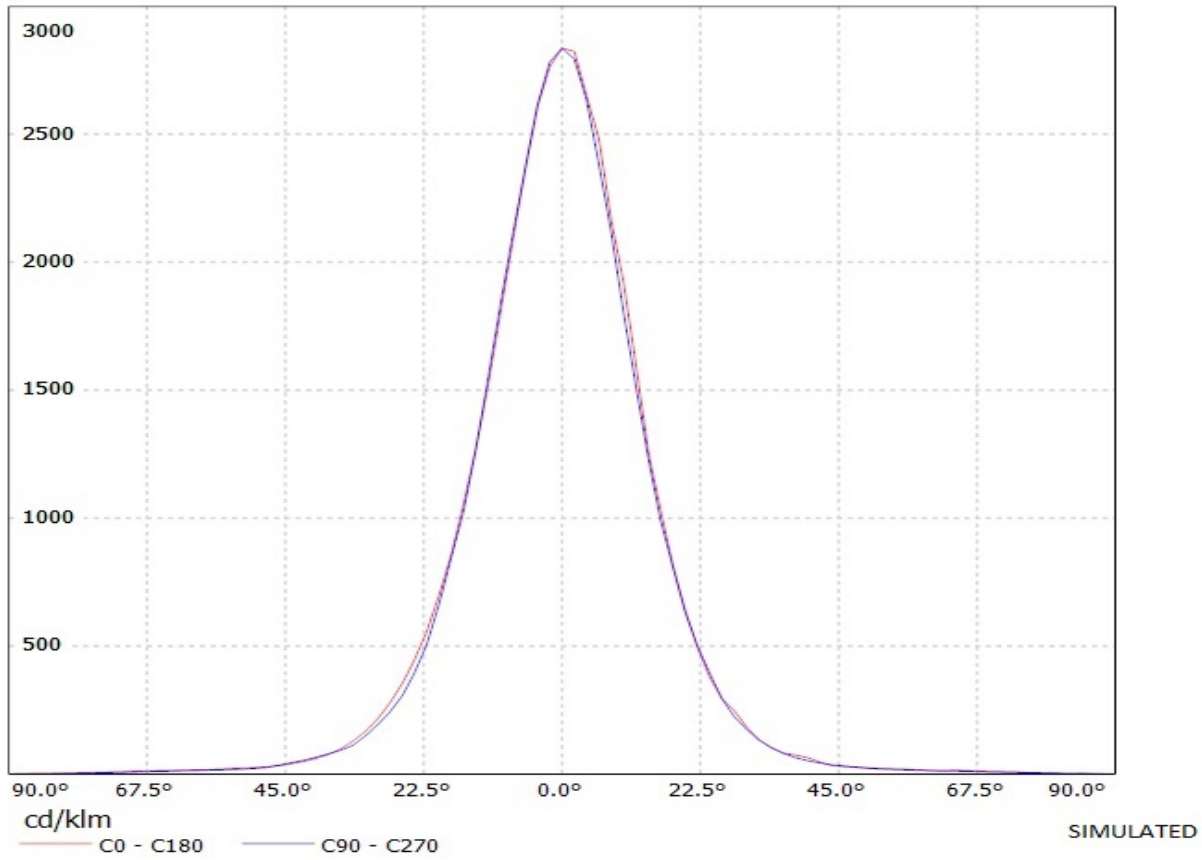
Ledil Oy C11613-Anna-50-5-M-RE-ES C11613-Anna-50-5-M-RE-ES / LDC (Linear)

Luminaire: Ledil Oy C11613-Anna-50-5-M-RE-ES C11613-Anna-50-5-M-RE-ES
Lamps: 1 x Luxeon Rebel ES (white)



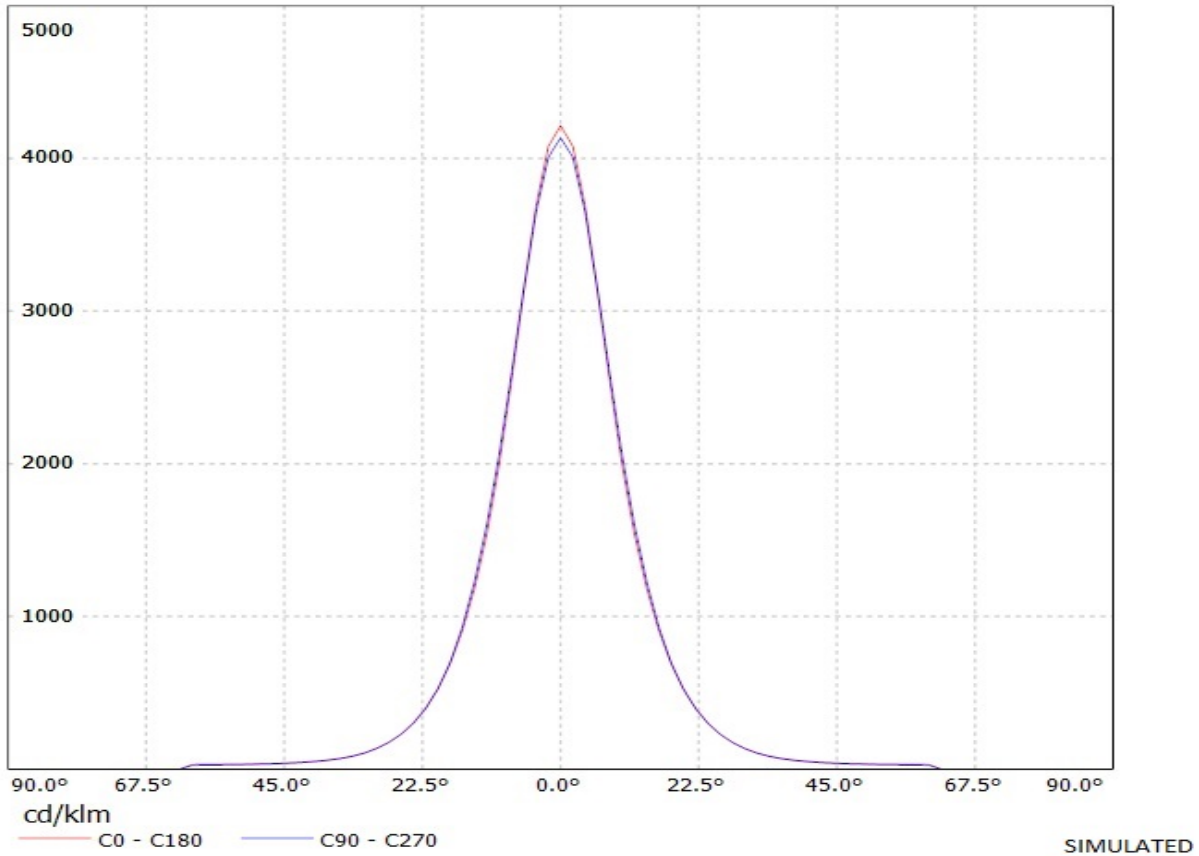
Ledil Oy C11613-Anna-50-5-M-RE-A Efficiency=84% / LDC (Linear)

Luminaire: Ledil Oy C11613-Anna-50-5-M-RE-A Efficiency=84%
Lamps: 1 x Luxeon-A 370lm 250mA



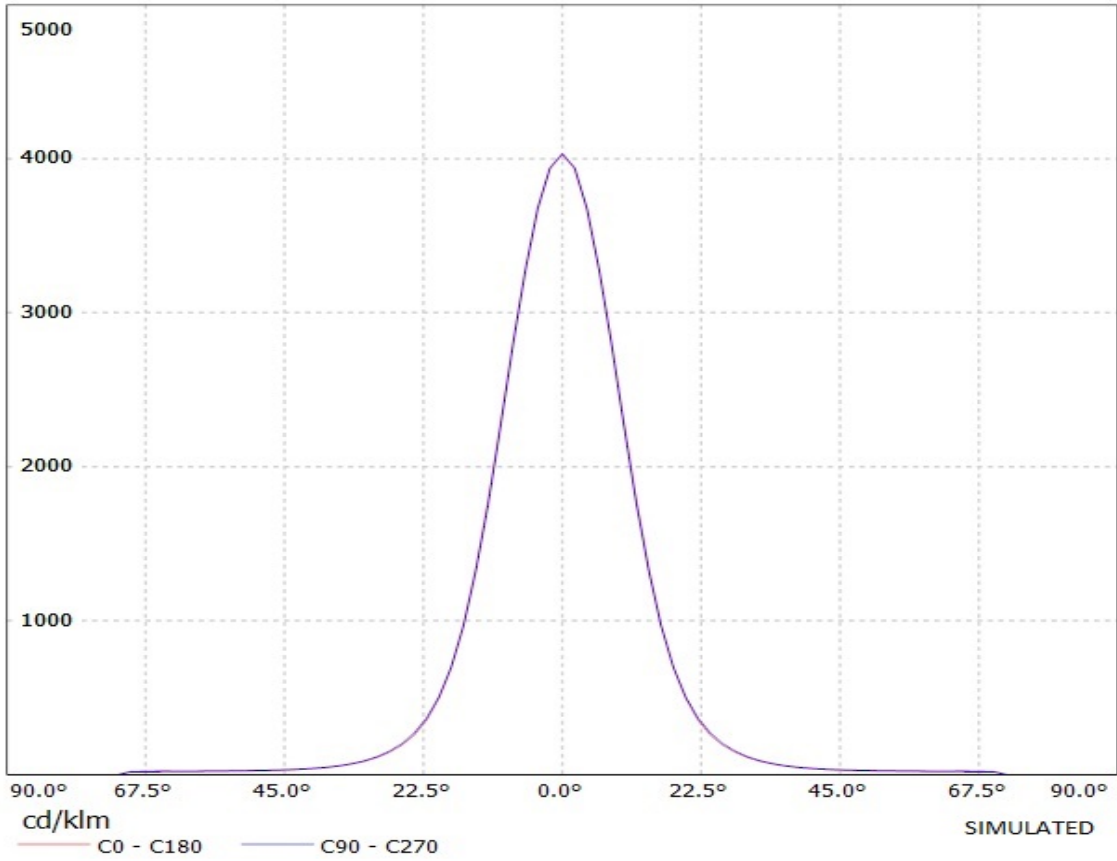
Ledil Oy C11613_Aнна-50-5-M-OSL C11613_Aнна-50-5-M-OSL / LDC (Linear)

Luminaire: Ledil Oy C11613_Aнна-50-5-M-OSL C11613_Aнна-50-5-M-OSL
Lamps: 1 x Osram SSL 80



Ledil Oy C11613_AnnA-50-5-M-OSL150 C11613_AnnA-50-5-M-OSL150 / LDC (Linear)

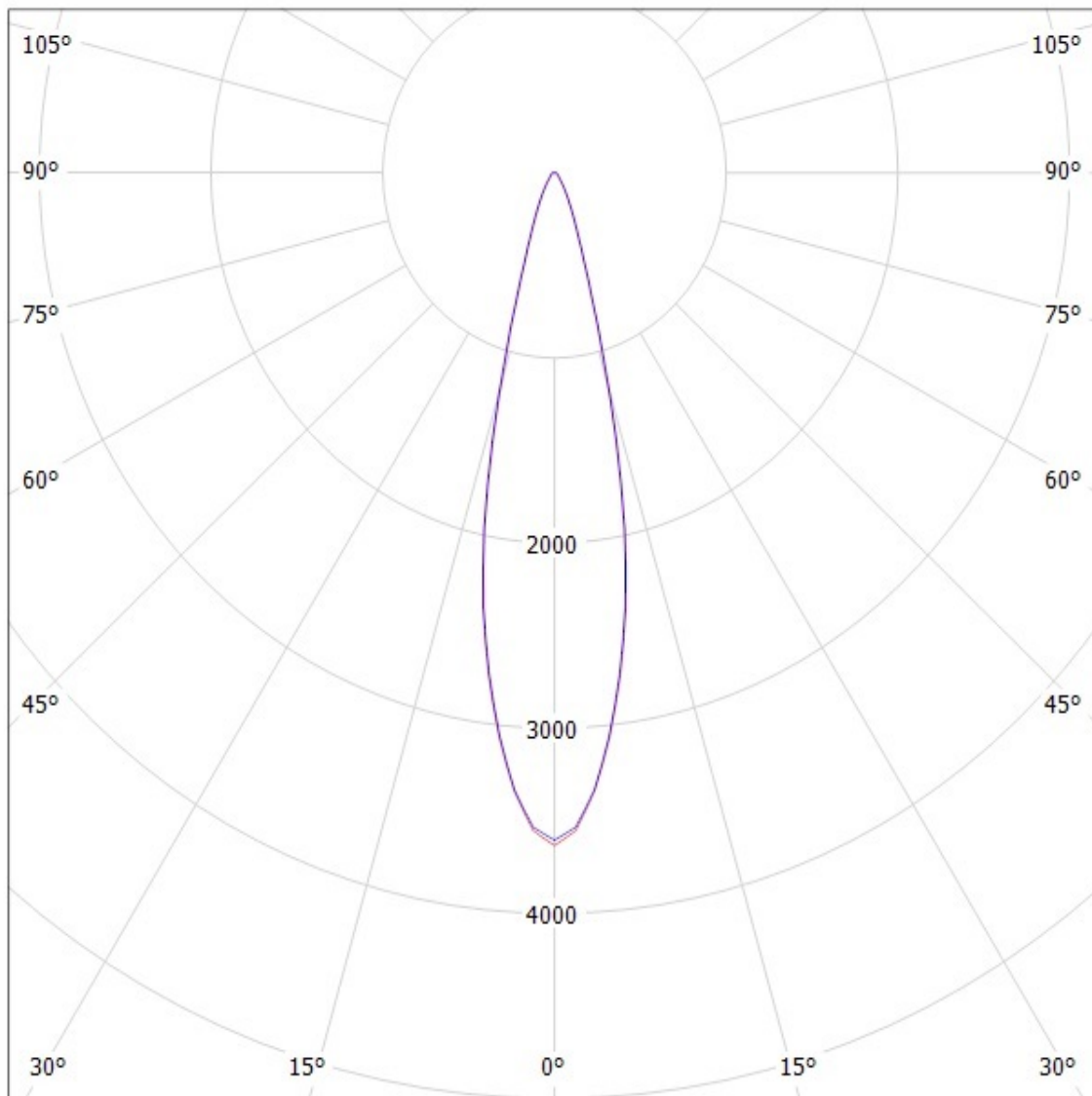
Luminaire: Ledil Oy C11613_AnnA-50-5-M-OSL150 C11613_AnnA-50-5-M-OSL150
Lamps: 1 x Osram SSL 150



Ledil Oy C11613_Aнна-50-5-M-XP-G C11613_Aнна-50-5-M-XP-G / LDC (Polar)

Luminaire: Ledil Oy C11613_Aнна-50-5-M-XP-G C11613_Aнна-50-5-M-XP-G

Lamps: 1 x Cree XP-G (White)



cd/klm

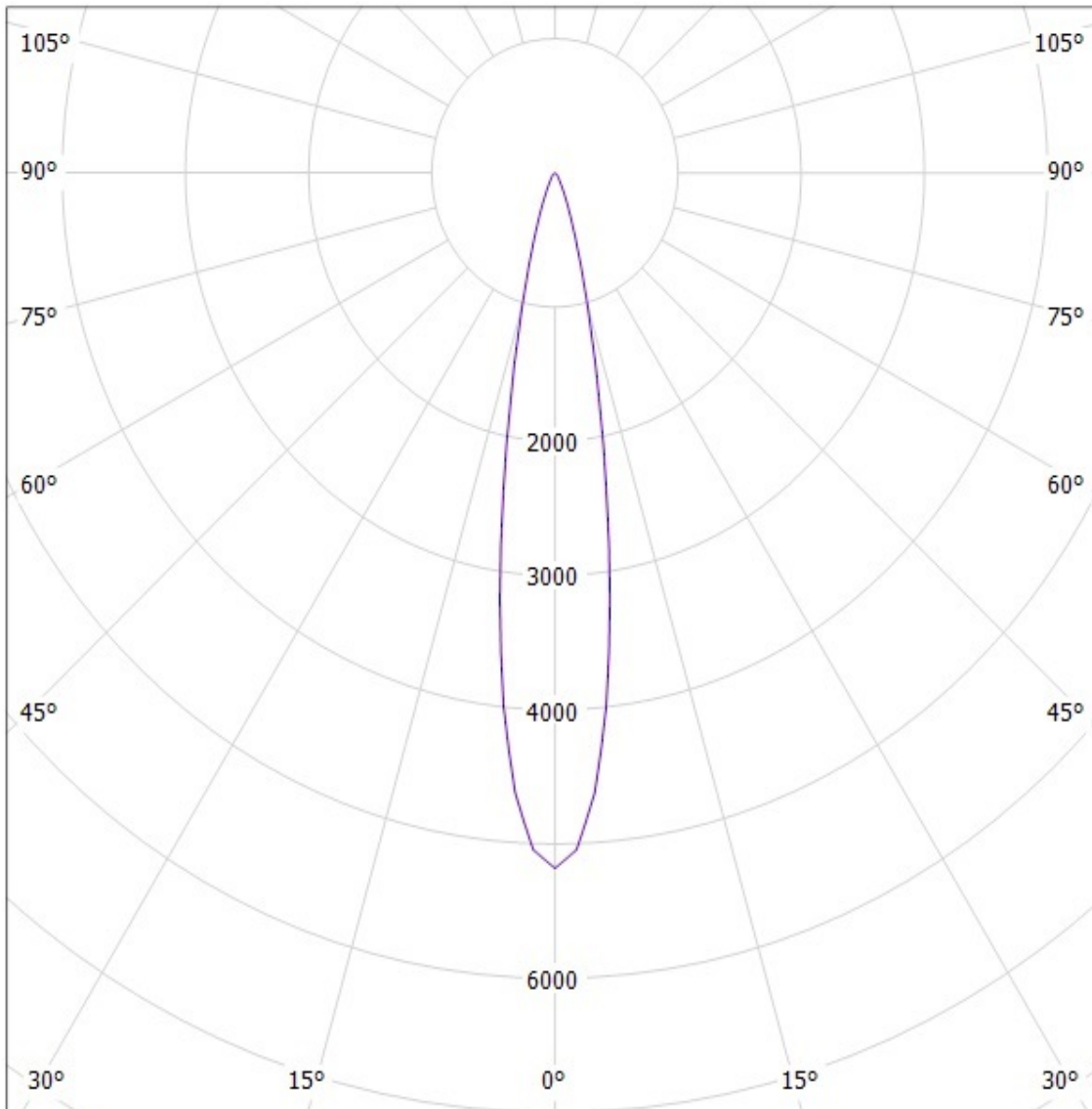
— C0 - C180 — C90 - C270

SIMULATED

Ledil Oy C11613_Ann-50-5-M-XP C11613_Ann-50-5-M-XP / LDC (Polar)

Luminaire: Ledil Oy C11613_Ann-50-5-M-XP C11613_Ann-50-5-M-XP

Lamps: 1 x Cree XP-E (white) 369lm



cd/klm

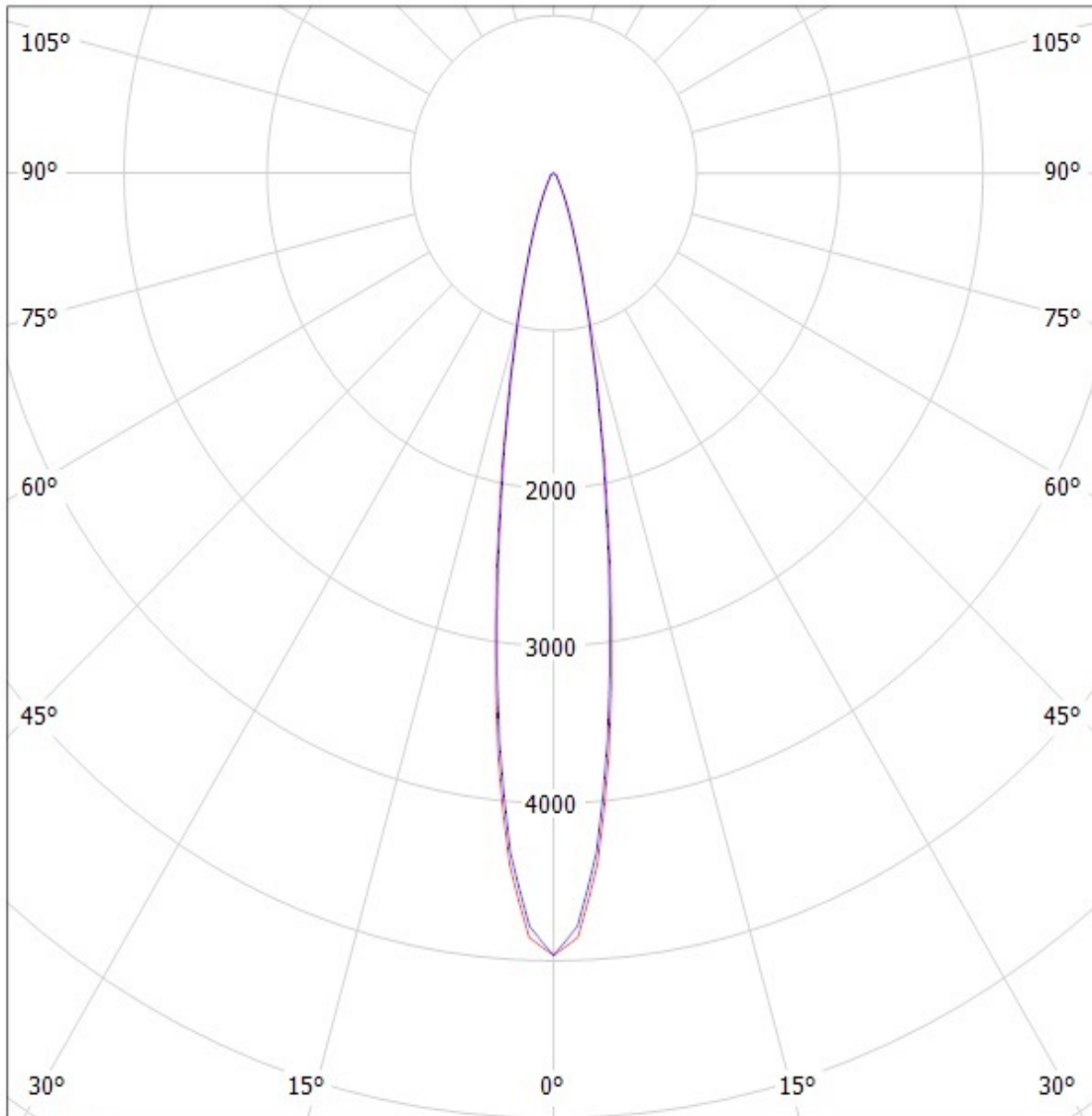
— C0 - C180 — C90 - C270

SIMULATED

Ledil Oy C11613-Anna-50-5-M-RE C11613-Anna-50-5-M-RE / LDC (Polar)

Luminaire: Ledil Oy C11613-Anna-50-5-M-RE C11613-Anna-50-5-M-RE

Lamps: 1 x Luxeon Rebel (white) 404



cd/klm

— C0 - C180

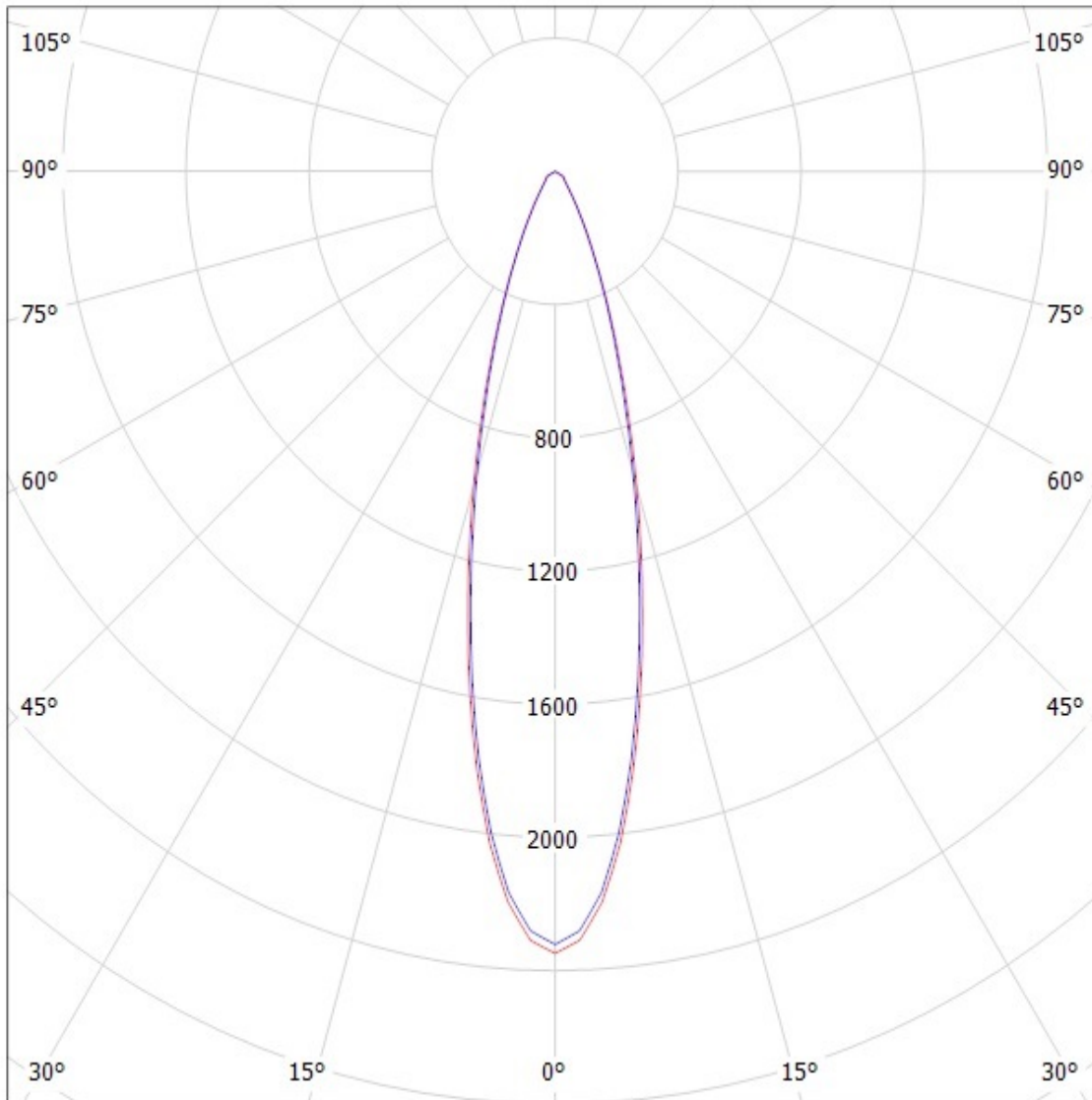
— C90 - C270

SIMULATED

Ledil Oy C11613-Anna-50-5-M-RE-ES C11613-Anna-50-5-M-RE-ES / LDC (Polar)

Luminaire: Ledil Oy C11613-Anna-50-5-M-RE-ES C11613-Anna-50-5-M-RE-ES

Lamps: 1 x Luxeon Rebel ES (white)



cd/klm

— C0 - C180

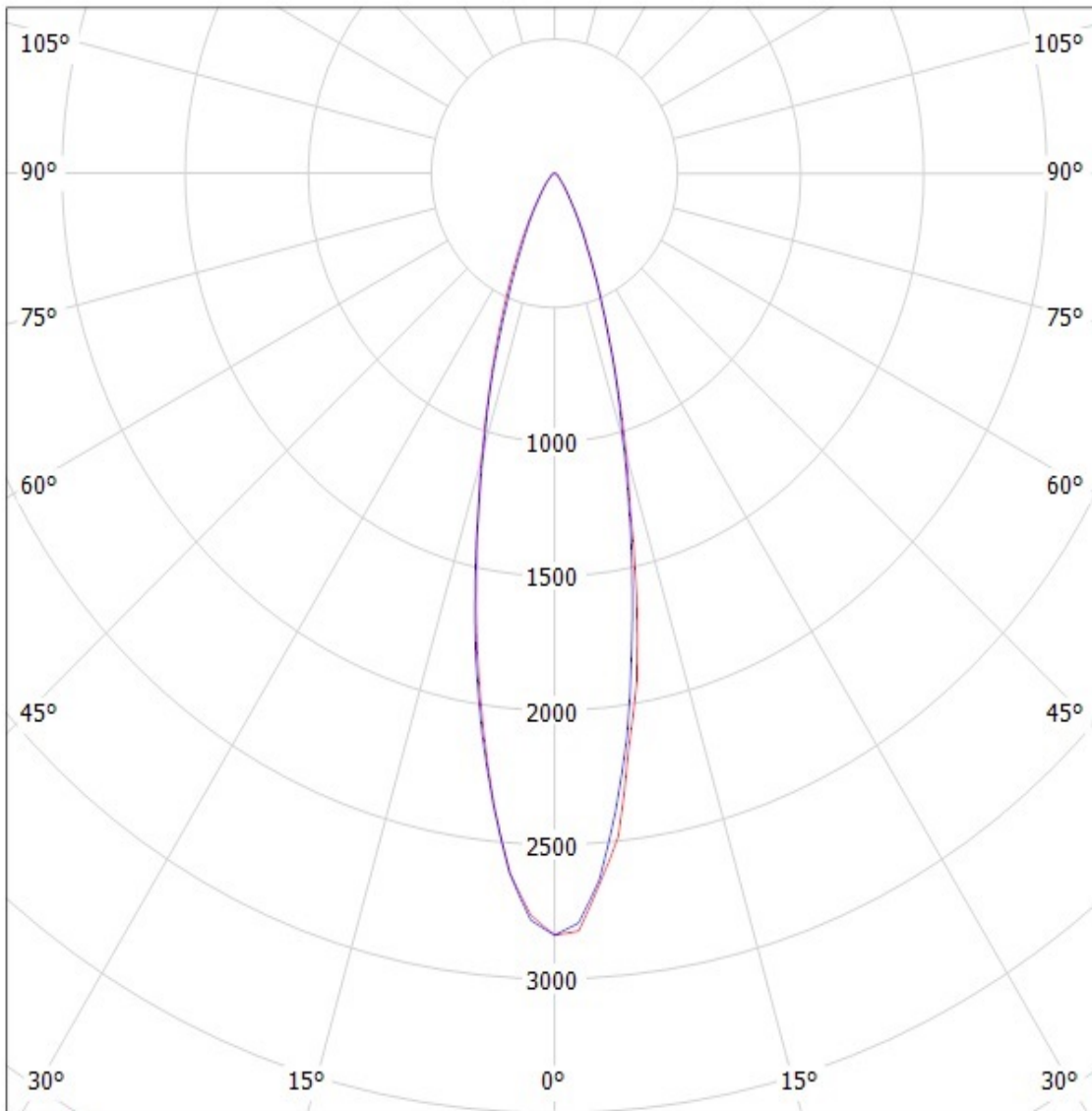
— C90 - C270

SIMULATED

Ledil Oy C11613-Anna-50-5-M-RE-A Efficiency=84% / LDC (Polar)

Luminaire: Ledil Oy C11613-Anna-50-5-M-RE-A Efficiency=84%

Lamps: 1 x Luxeon-A 370lm 250mA

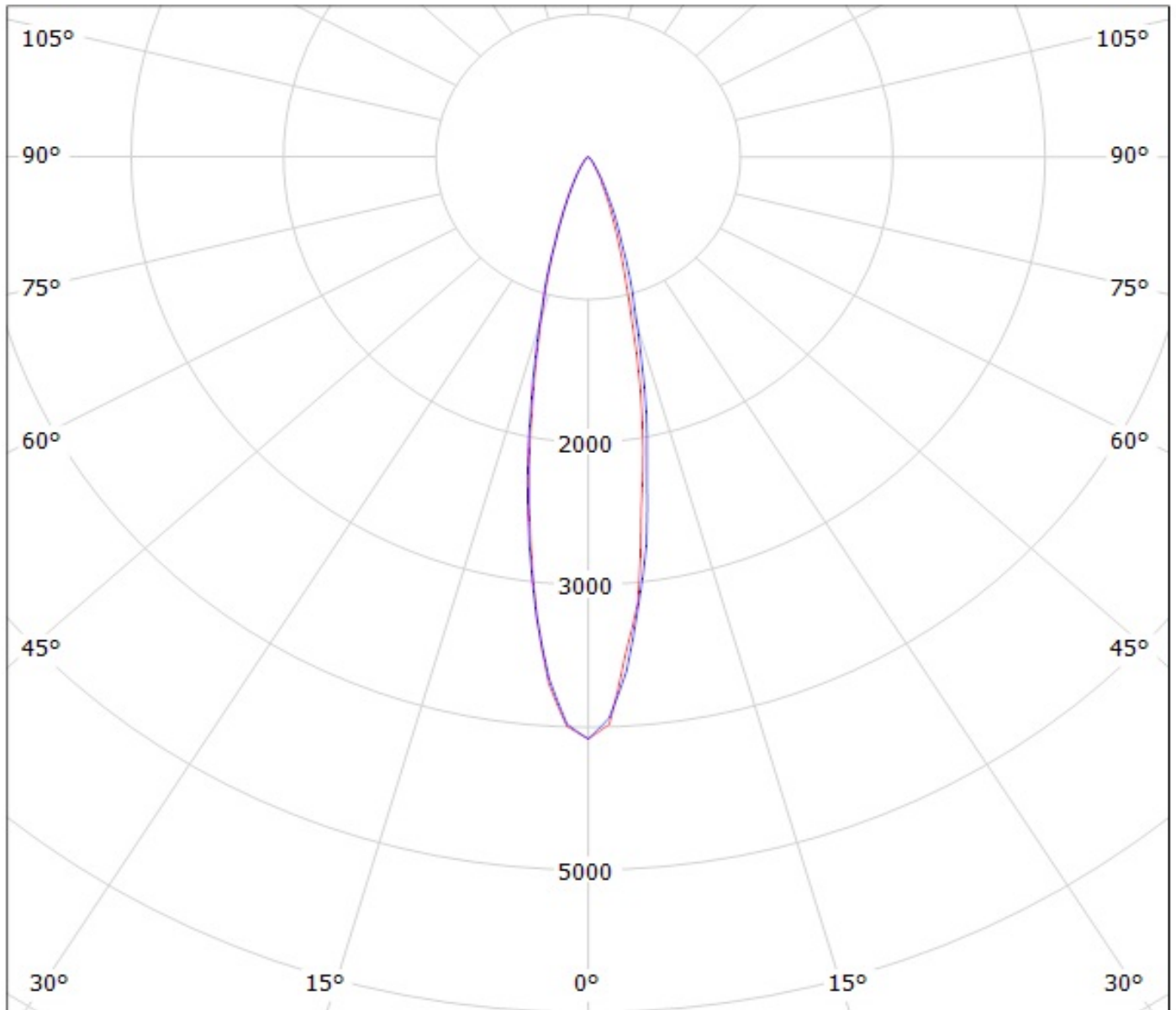


cd/klm

— C0 - C180 — C90 - C270

SIMULATED

Luminaire: Ledil Oy C11613_ANNA-50-5-M-757 (Nichia 757 161lm @ 100mA) LOR=90%
Lamps: 1 x Nichia 757 161lm @ 100mA



cd/klm

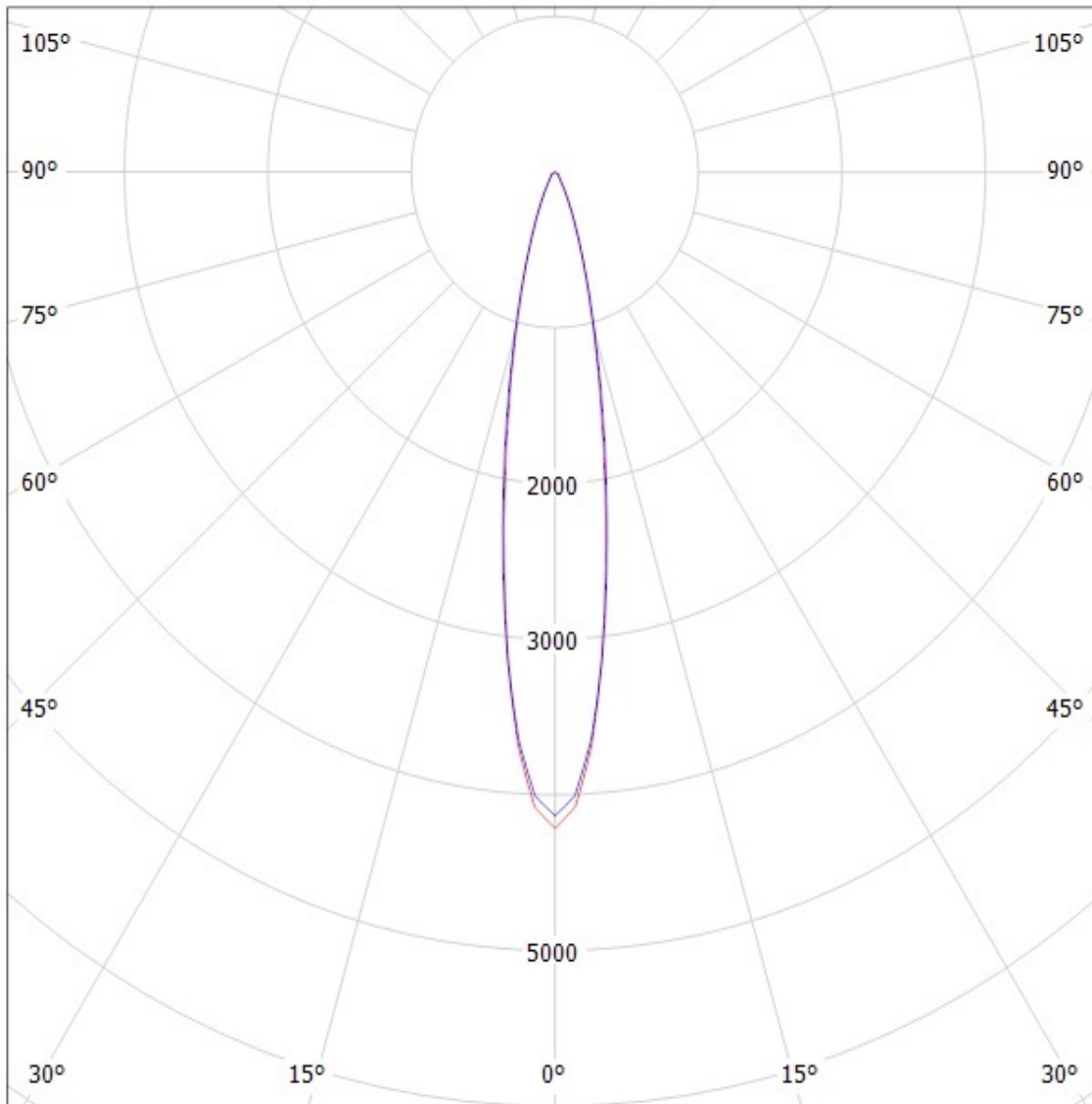
— C0 - C180

— C90 - C270

Ledil Oy C11613_Ann-50-5-M-OSL C11613_Ann-50-5-M-OSL / LDC (Polar)

Luminaire: Ledil Oy C11613_Ann-50-5-M-OSL C11613_Ann-50-5-M-OSL

Lamps: 1 x Osram SSL 80



cd/klm

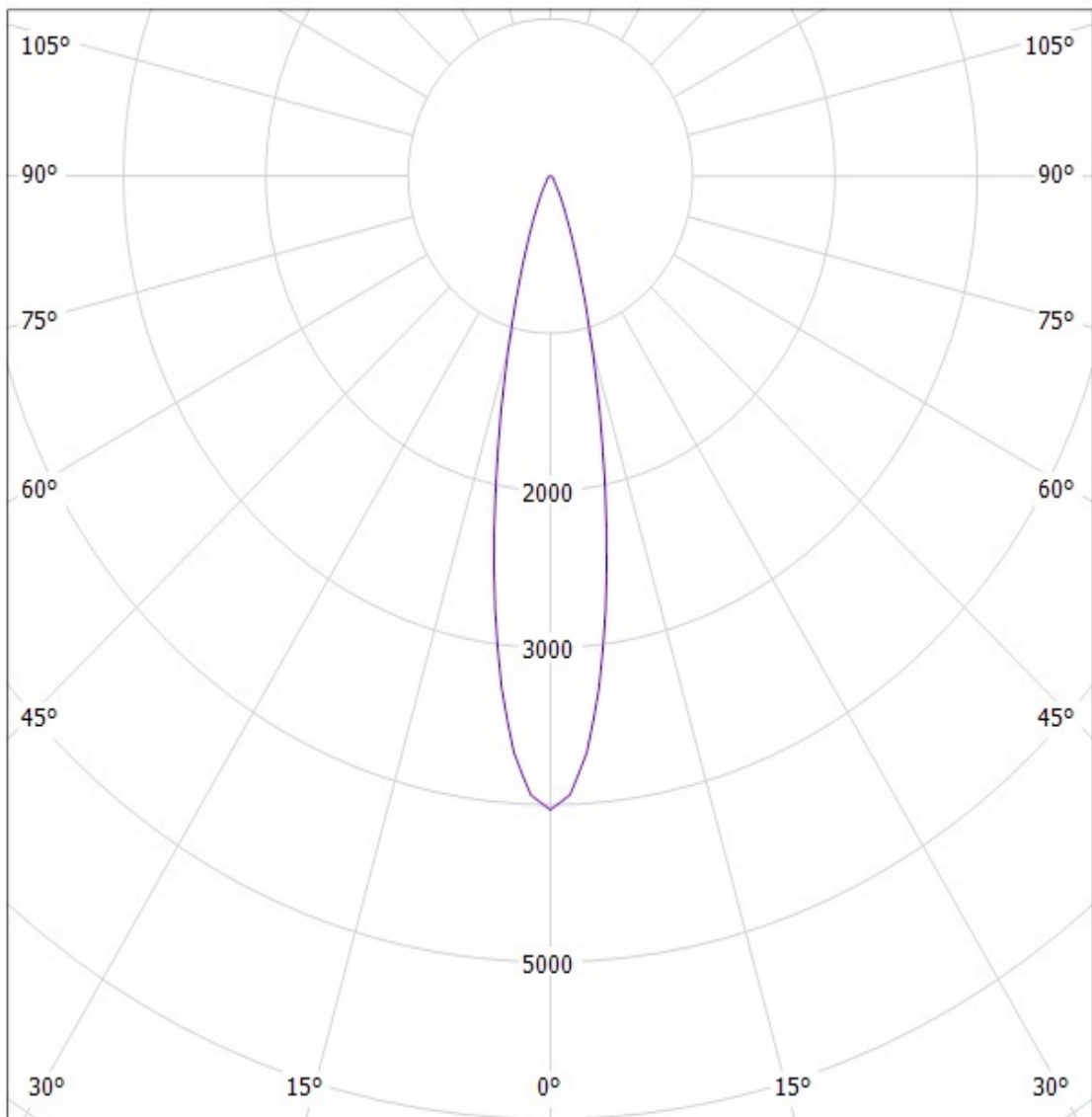
— C0 - C180 — C90 - C270

SIMULATED

Ledil Oy C11613_Ann-50-5-M-OSL150 C11613_Ann-50-5-M-OSL150 / LDC (Polar)

Luminaire: Ledil Oy C11613_Ann-50-5-M-OSL150 C11613_Ann-50-5-M-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.