

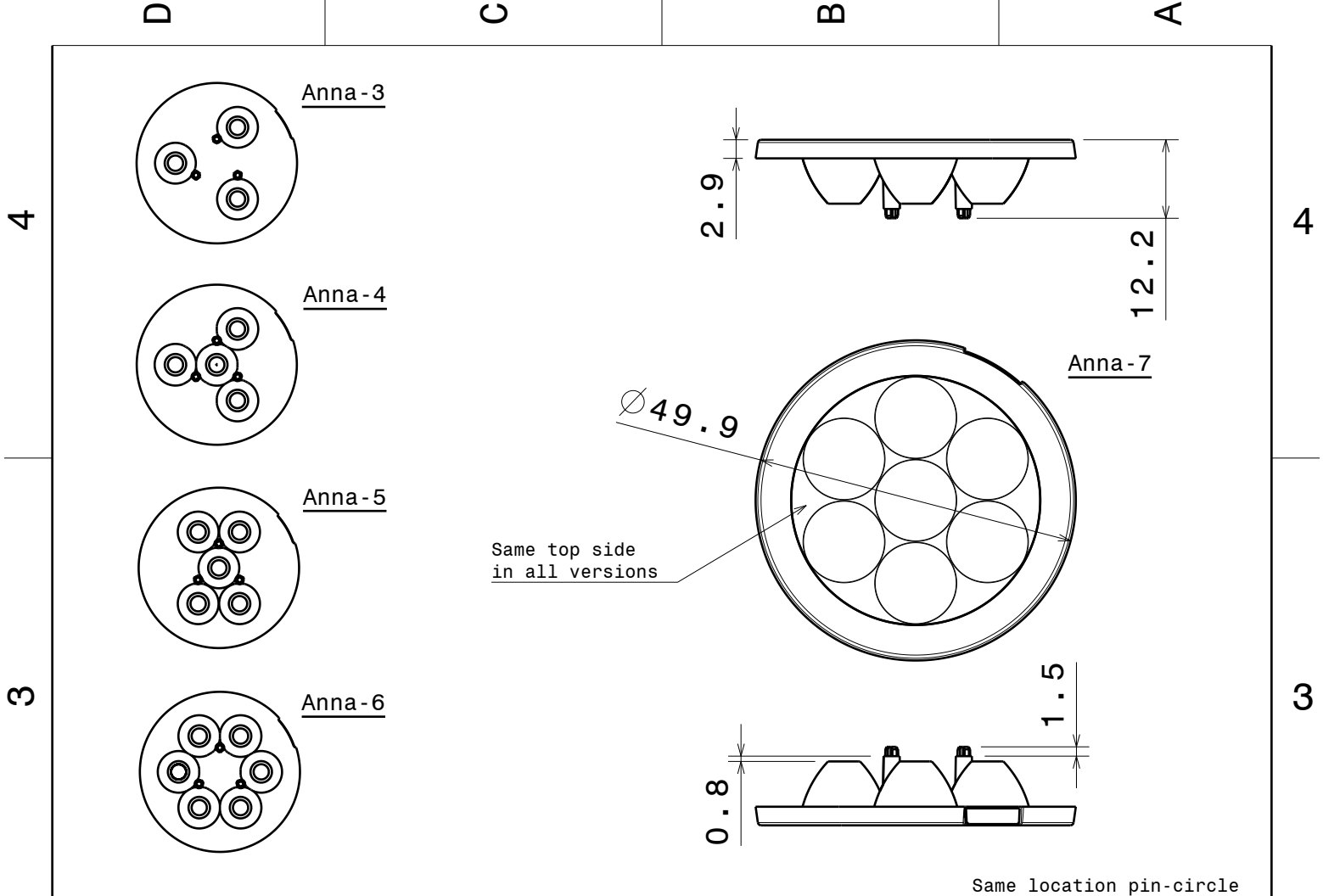
DETAILS

Product Number	C11811_ANNA-50-6-S
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	7/03/2014

OPTICAL PROPERTIES

LED	Viewing	Light	Effi-		Connector
	Angle	Beam	ciency	cd/lm	
XP-G	18 deg	Spot	93 %	5.940	-
XP-E	12 deg	Spot	93 %	12.700	-
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	-
NVSxx19B/NVSxx19C	sim: 17	Spot	sim: 89 %	sim: 6.900	-
Oslon SSL 80	11 deg	Spot	90 %	11.700	-
Oslon SSL 150	12 deg	Spot	90 %	13.700	-
Z5M	15 deg	Spot	91 %	7.200	-
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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L T F F e e i n

DRAWING TITLE
Datasheet Anna50-series Lens

DRAWN BY p	DATE 05.10.2010
CHECKED BY t k	DATE 03.08.2010
DESIGNED BY hh	DATE 30.07.2010

SIZE A4	DRAWING NUMBER -	REV 1
SCALE 1:1	WEIGHT (g)	SHEET 1/1

4

3

2

1

4

3

2

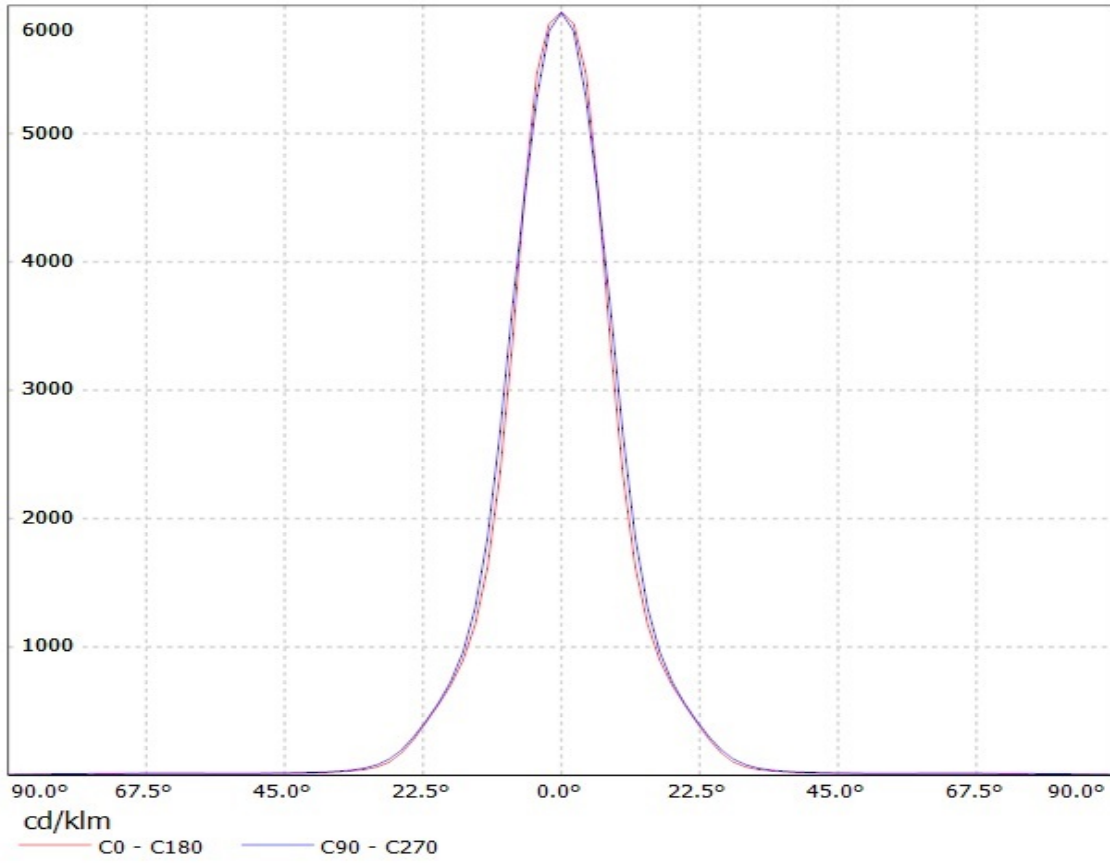
1

D

A

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

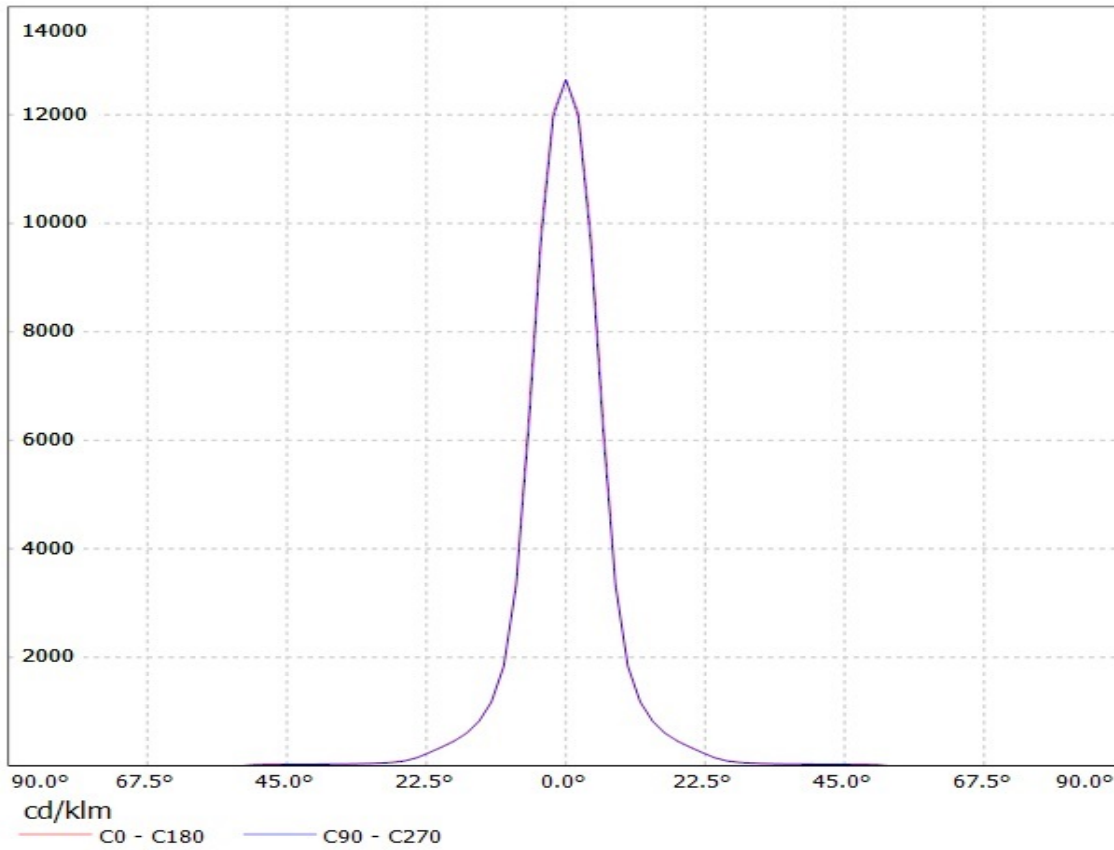
Luminaire: Ledil Oy C11811_Anna-50-6-S-XP-G C11811_Anna-50-6-S-XP-G
Lamps: 1 x Cree XP-G (White)



SIMULATED

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

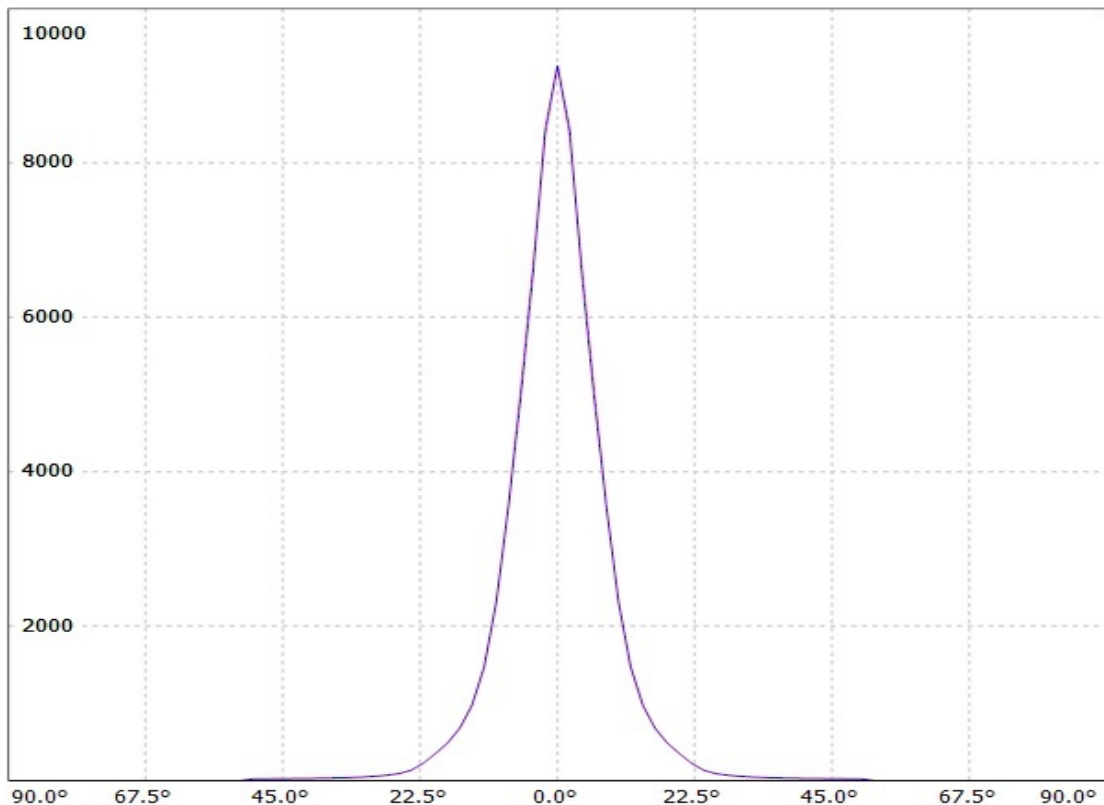
Luminaire: Ledil Oy C11811_Anna-50-6-S-XP C11811_Anna-50-6-S-XP
Lamps: 1 x Cree XP-E (white) 442lm



SIMULATEDs

Ledil Oy C11811-Anna-50-6-S-RE C11811-Anna-50-6-S-RE / LDC (Linear)

Luminaire: Ledil Oy C11811-Anna-50-6-S-RE C11811-Anna-50-6-S-RE
Lamps: 1 x Luxeon Rebel (white) 482



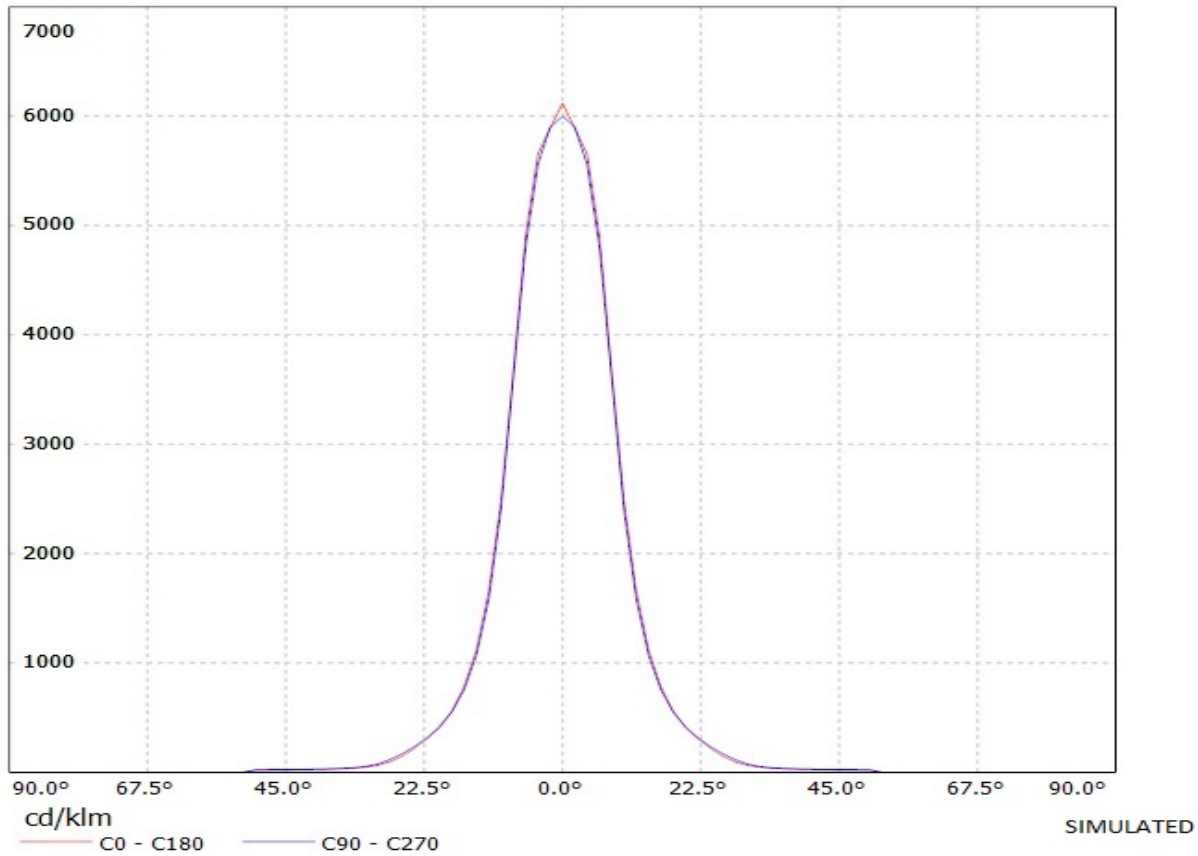
cd/klm

— C0 - C180 — C90 - C270

SIMULATED

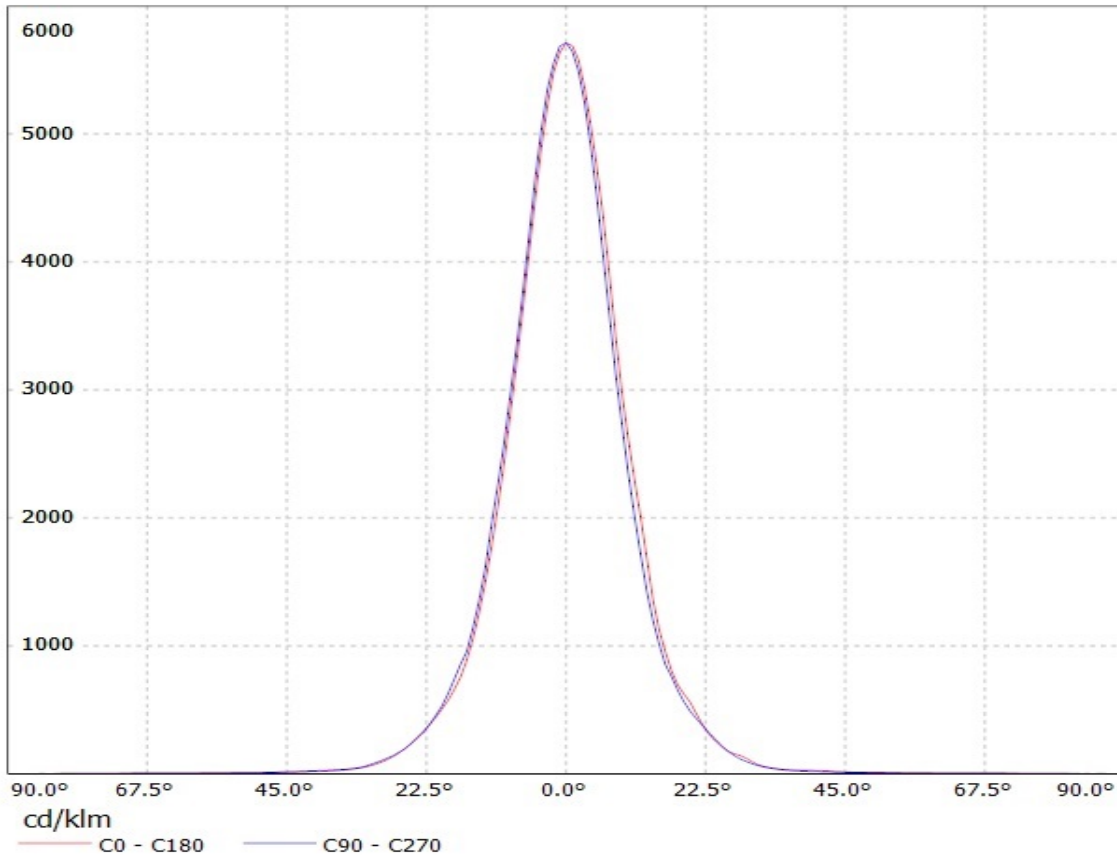
Ledil Oy C11811-Anna-50-6-S-RE-ES C11811-Anna-50-6-S-RE-ES / LDC (Linear)

Luminaire: Ledil Oy C11811-Anna-50-6-S-RE-ES C11811-Anna-50-6-S-RE-ES
Lamps: 1 x Luxeon Rebel ES (white)



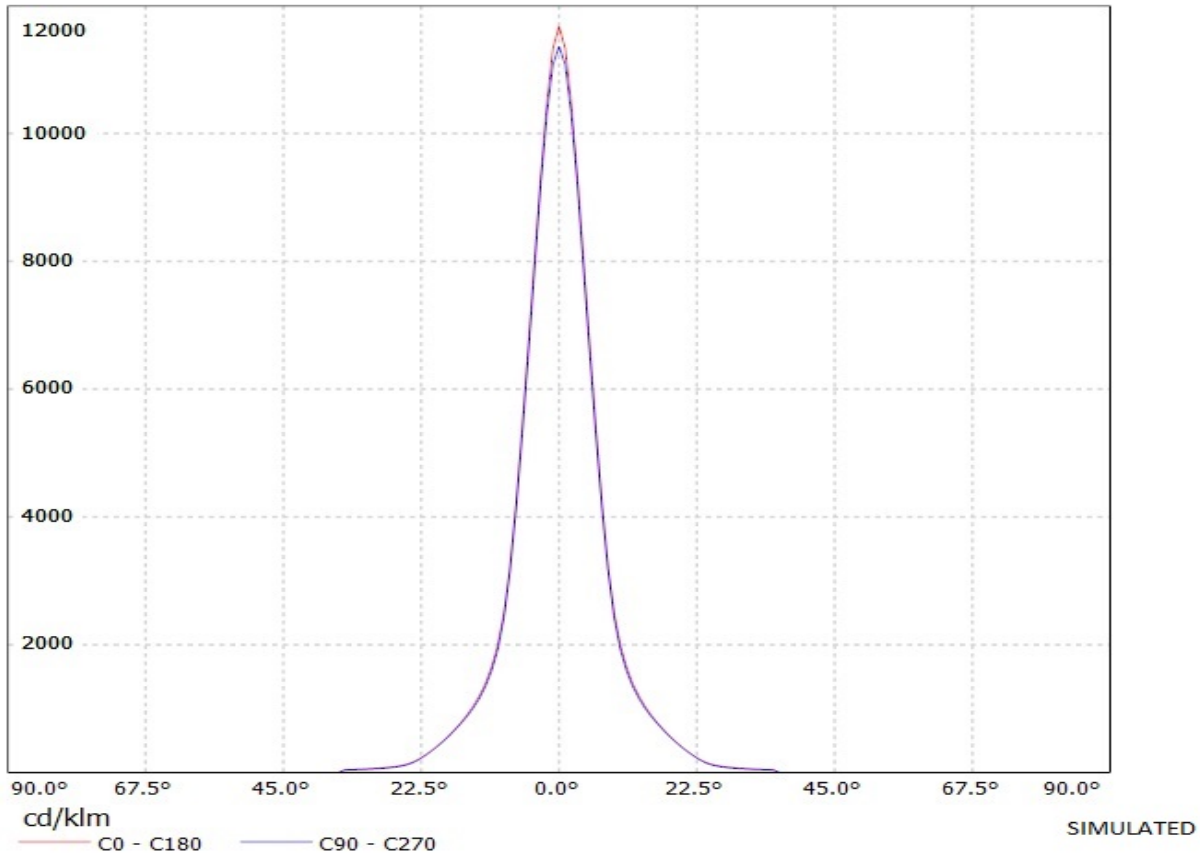
Ledil Oy C11811-Anna-50-6-S-RE-A Efficiency=87% / LDC (Linear)

Luminaire: Ledil Oy C11811-Anna-50-6-S-RE-A Efficiency=87%
Lamps: 1 x Luxeon-A 444lm 250mA



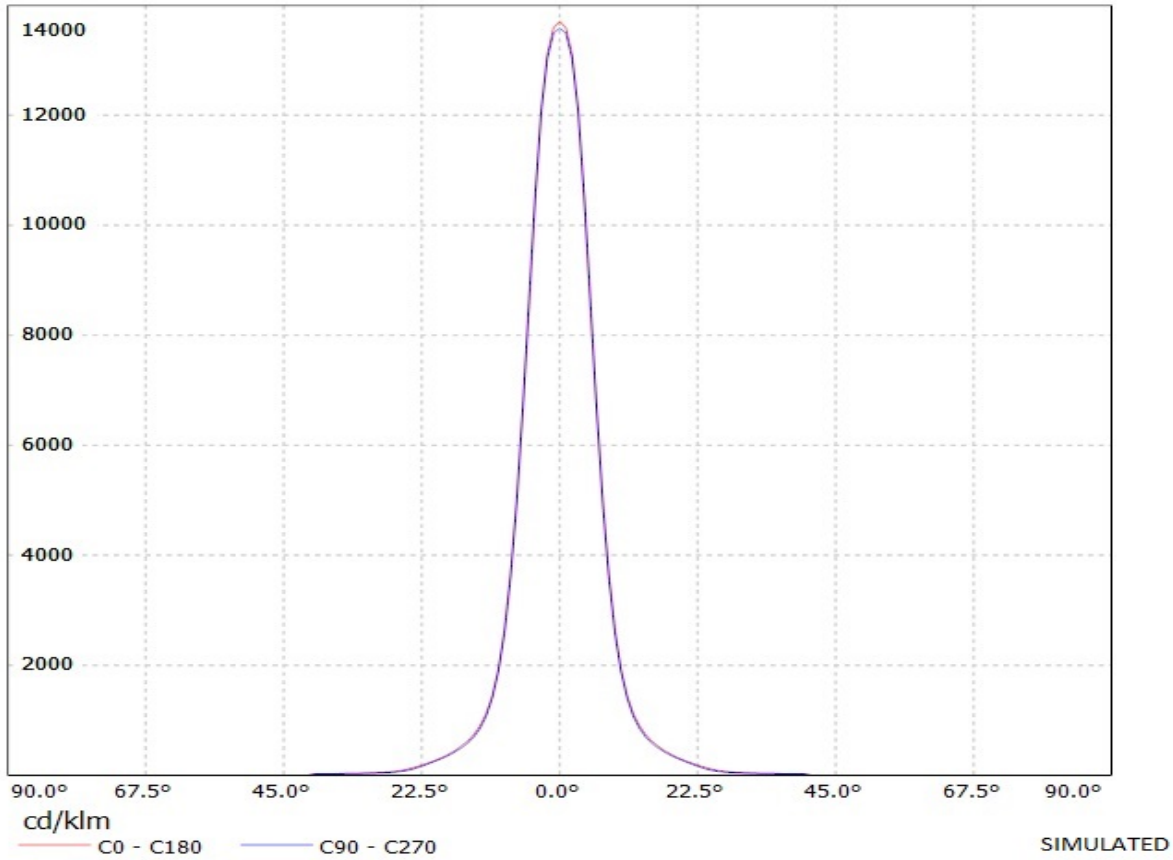
Ledil Oy C11811_Aнна-50-6-S-OSL C11811_Aнна-50-6-S-OSL / LDC (Linear)

Luminaire: Ledil Oy C11811_Aнна-50-6-S-OSL C11811_Aнна-50-6-S-OSL
Lamps: 1 x Osram SSL 80



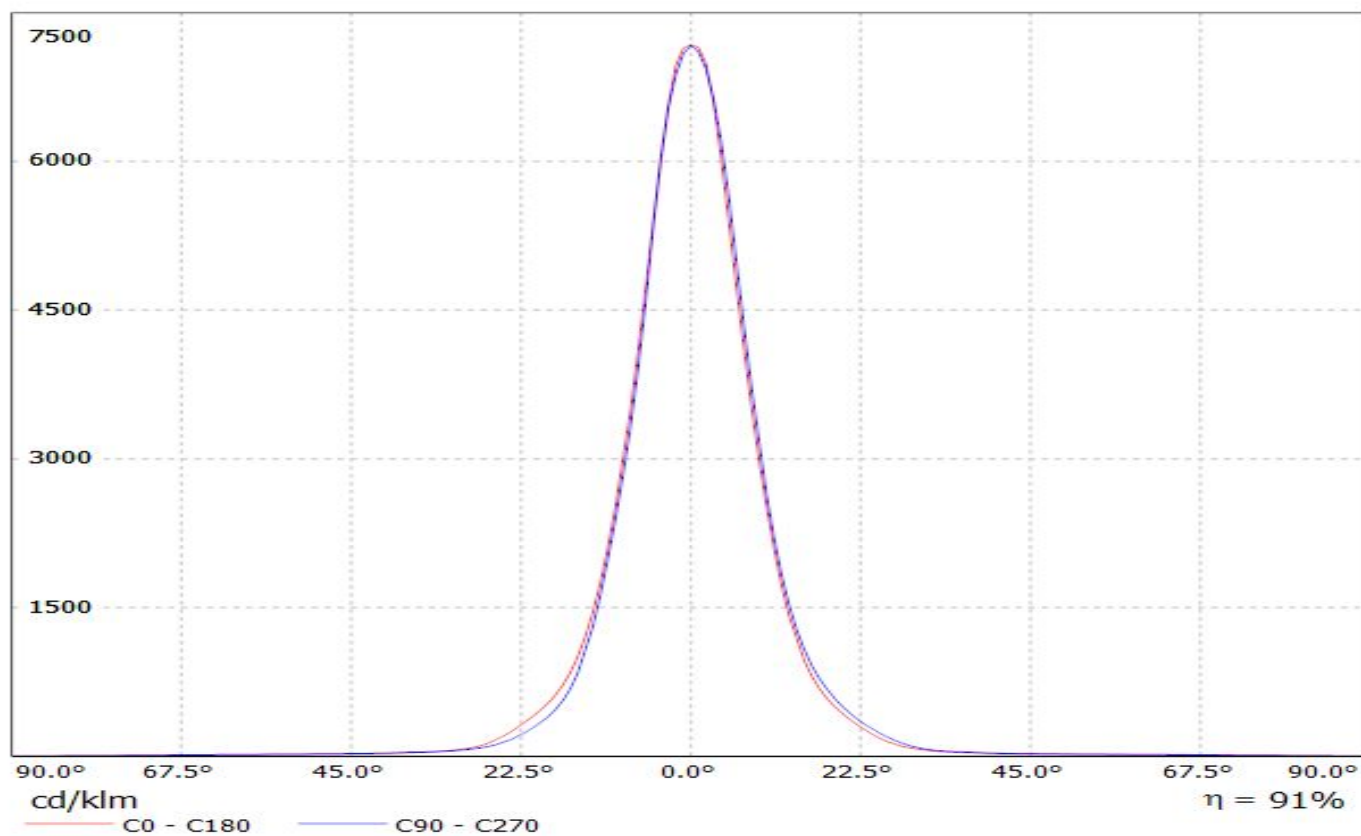
Ledil Oy C11811_Anna-50-6-S-OSL150 C11811_Anna-50-6-S-OSL150 / LDC (Linear)

Luminaire: Ledil Oy C11811_Anna-50-6-S-OSL150 C11811_Anna-50-6-S-OSL150
Lamps: 1 x Osram SSL 150



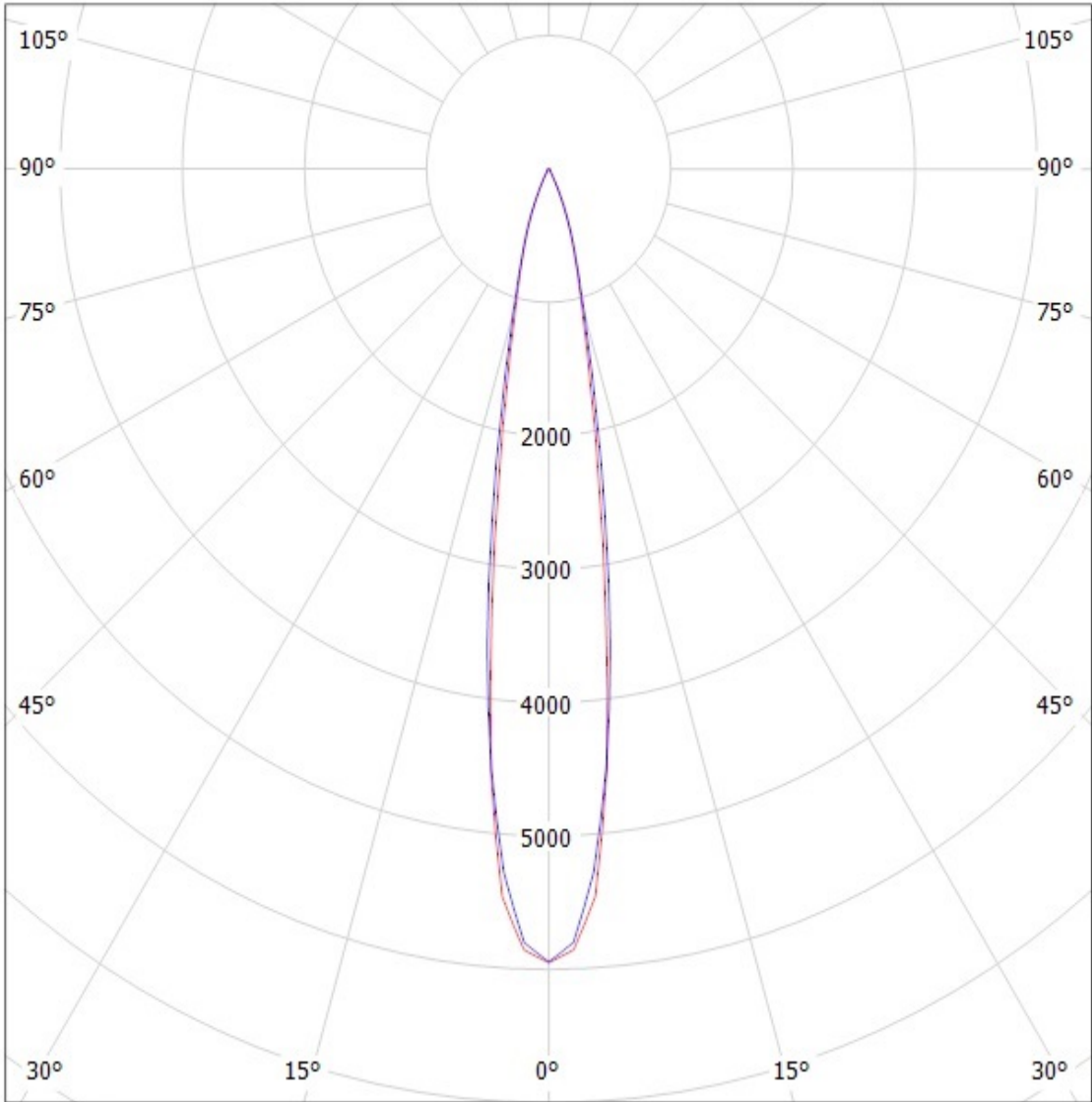
LEDiL Oy C11811_ANNA-50-6-S_(SEOUL_SZ5) 90.9% / LDC (Linear)

Luminaire: LEDiL Oy C11811_ANNA-50-6-S_(SEOUL_SZ5) 90.9%
Lamps: 1 x SEOUL_SZ5 (526.235lm@250mA)



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)



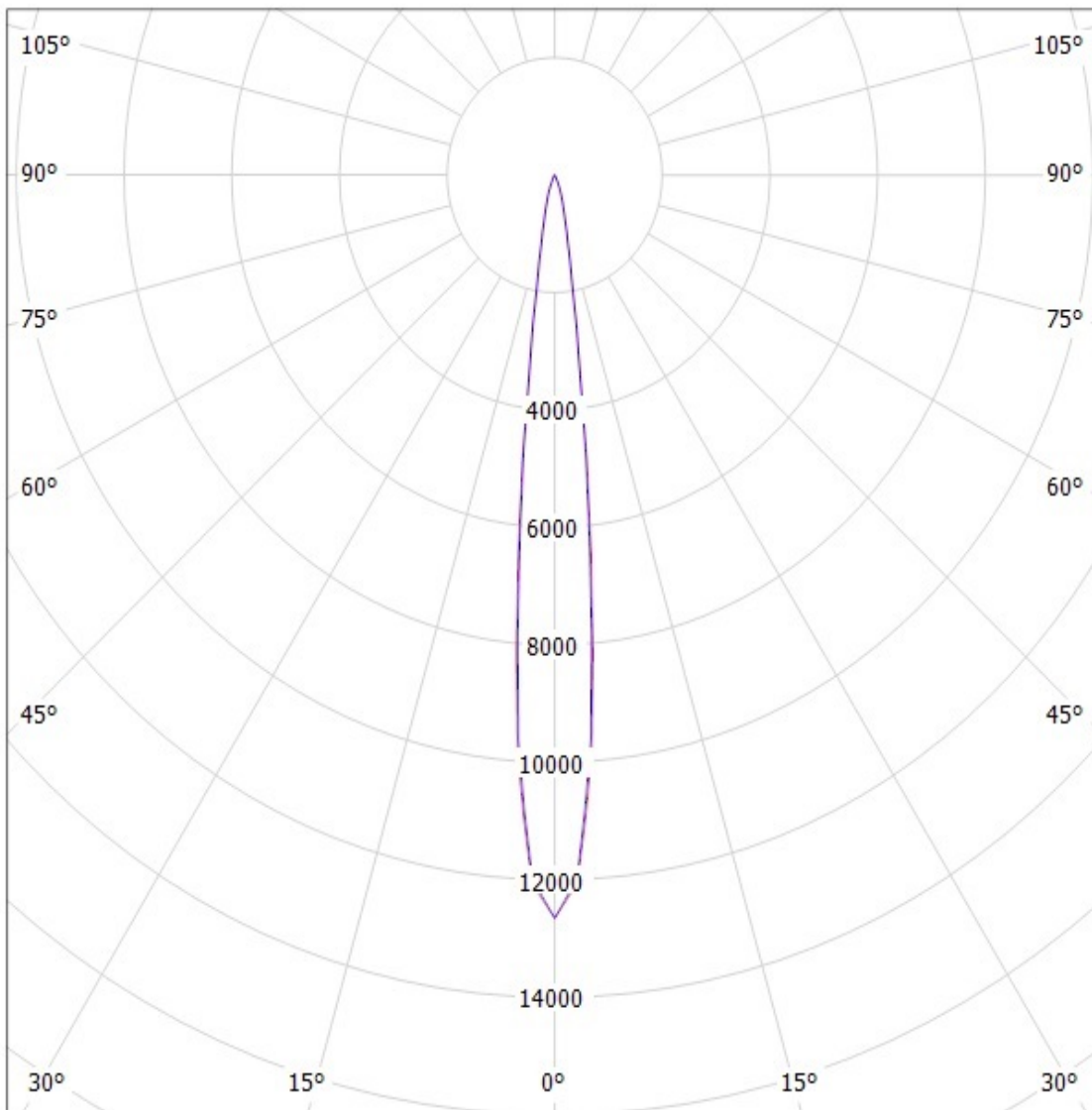
cd/klm

— C0 - C180 — C90 - C270

SIMULATED

Ledil Oy C11811_Aнна-50-6-S-XP C11811_Aнна-50-6-S-XP / LDC (Polar)

Luminaire: Ledil Oy C11811_Aнна-50-6-S-XP C11811_Aнна-50-6-S-XP
Lamps: 1 x Cree XP-E (white) 442lm



cd/klm

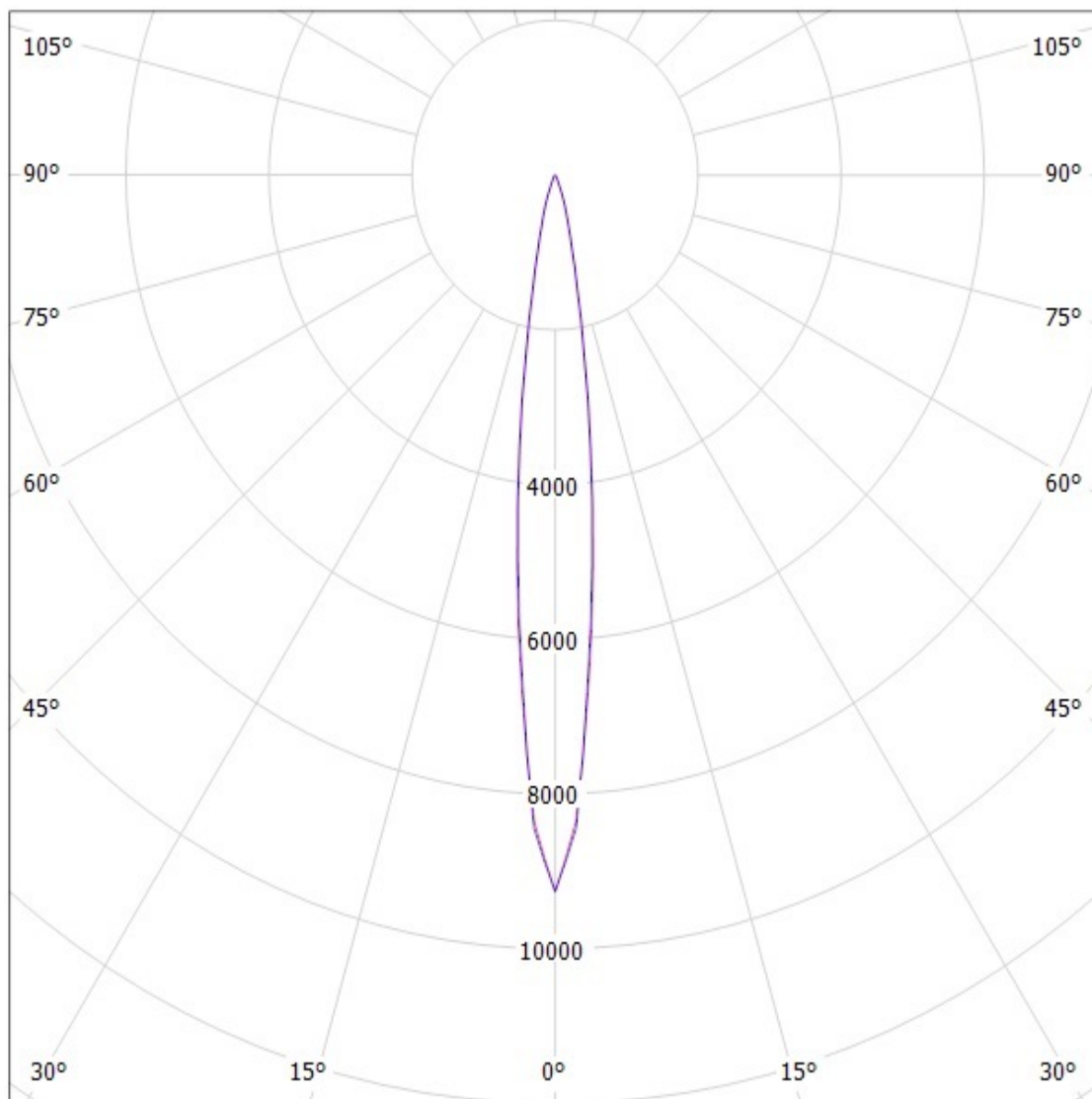
— C0 - C180 — C90 - C270

SIMULATED

Ledil Oy C11811-Anna-50-6-S-RE C11811-Anna-50-6-S-RE / LDC (Polar)

Luminaire: Ledil Oy C11811-Anna-50-6-S-RE C11811-Anna-50-6-S-RE

Lamps: 1 x Luxeon Rebel (white) 482



cd/klm

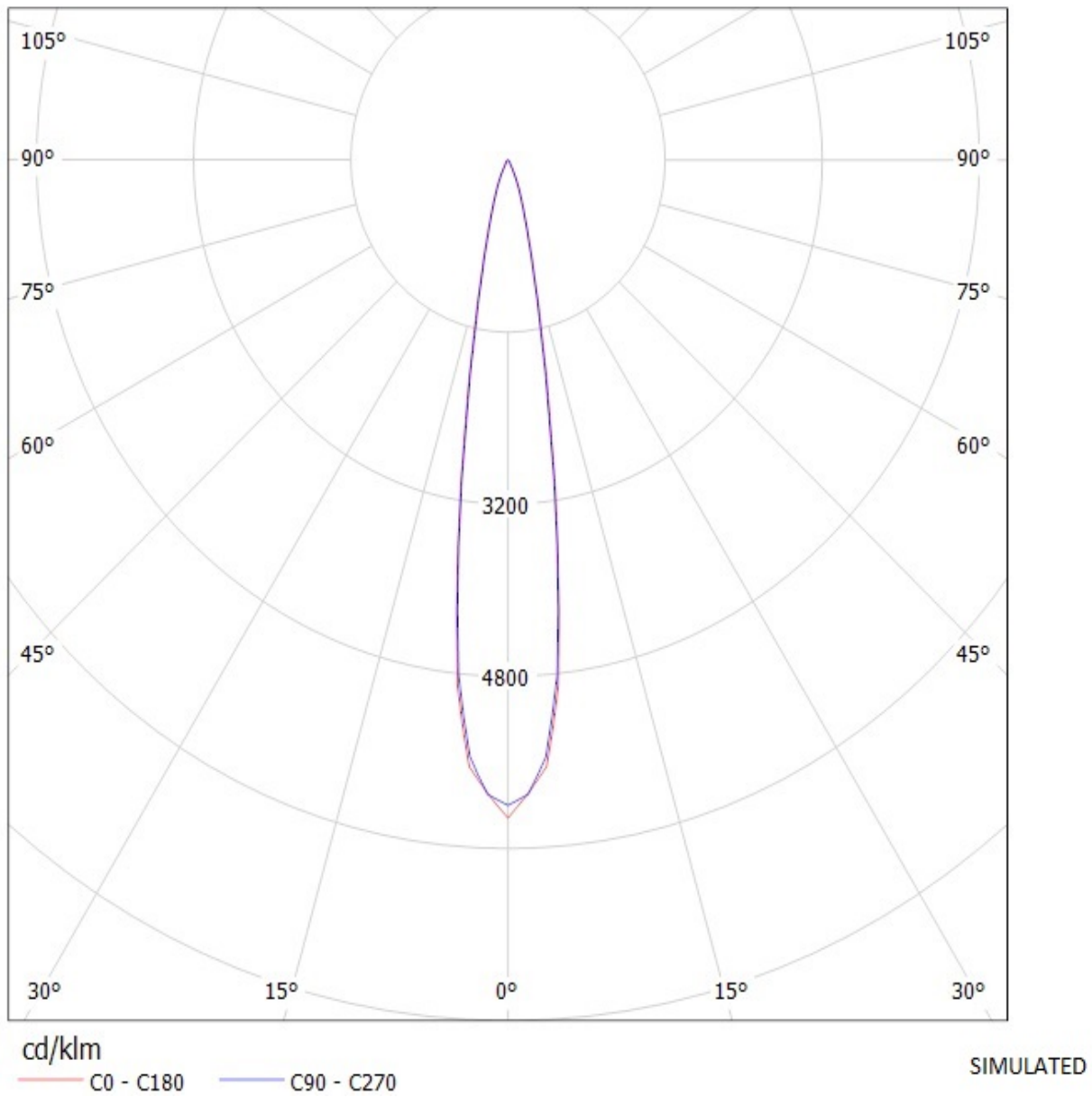
— C0 - C180

— C90 - C270

SIMULATED

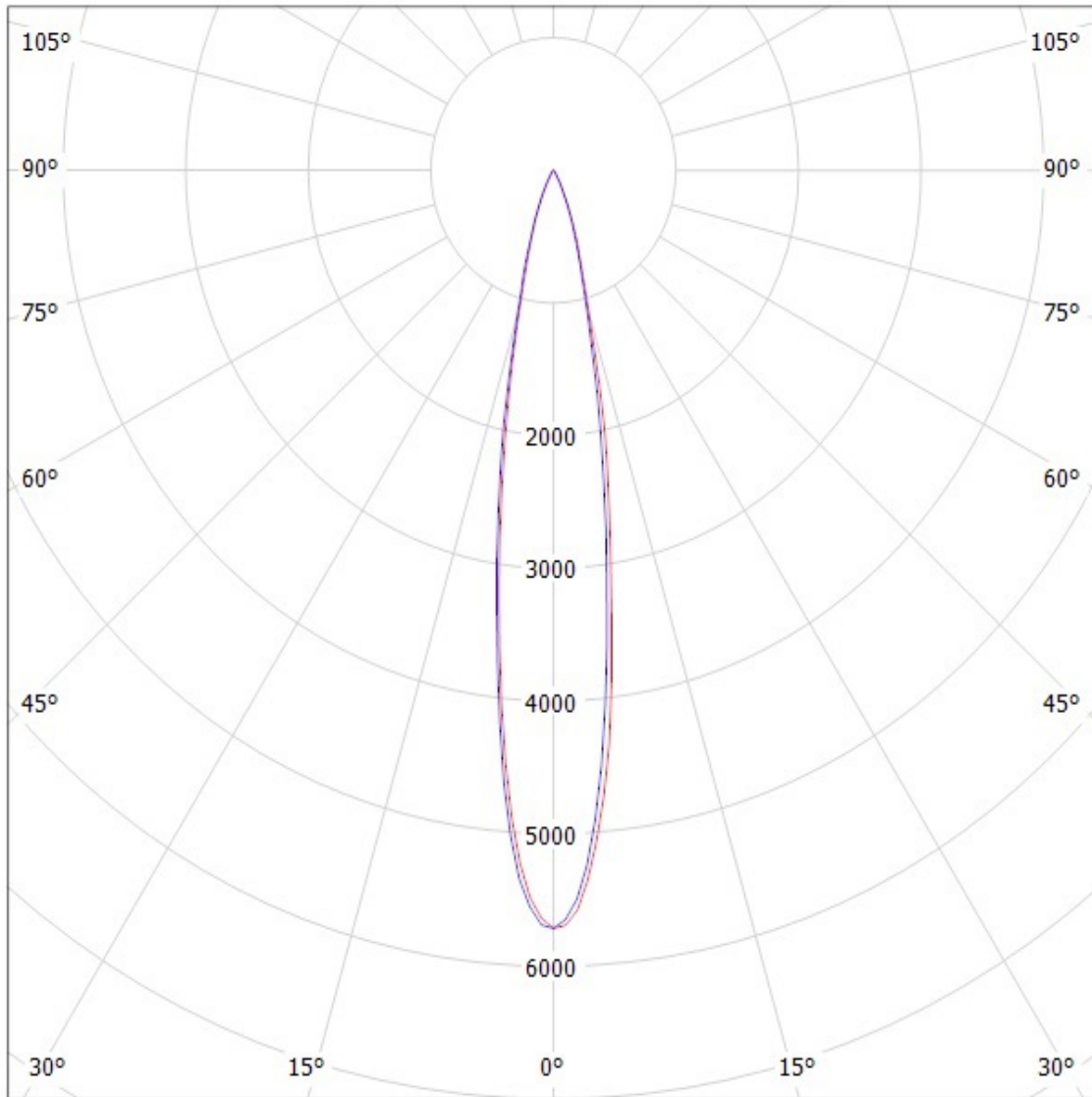
Ledil Oy C11811-Anna-50-6-S-RE-ES C11811-Anna-50-6-S-RE-ES / LDC (Polar)

Luminaire: Ledil Oy C11811-Anna-50-6-S-RE-ES C11811-Anna-50-6-S-RE-ES
Lamps: 1 x Luxeon Rebel ES (white)



Ledil Oy C11811-Anna-50-6-S-RE-A Efficiency=87% / LDC (Polar)

Luminaire: Ledil Oy C11811-Anna-50-6-S-RE-A Efficiency=87%
Lamps: 1 x Luxeon-A 444lm 250mA



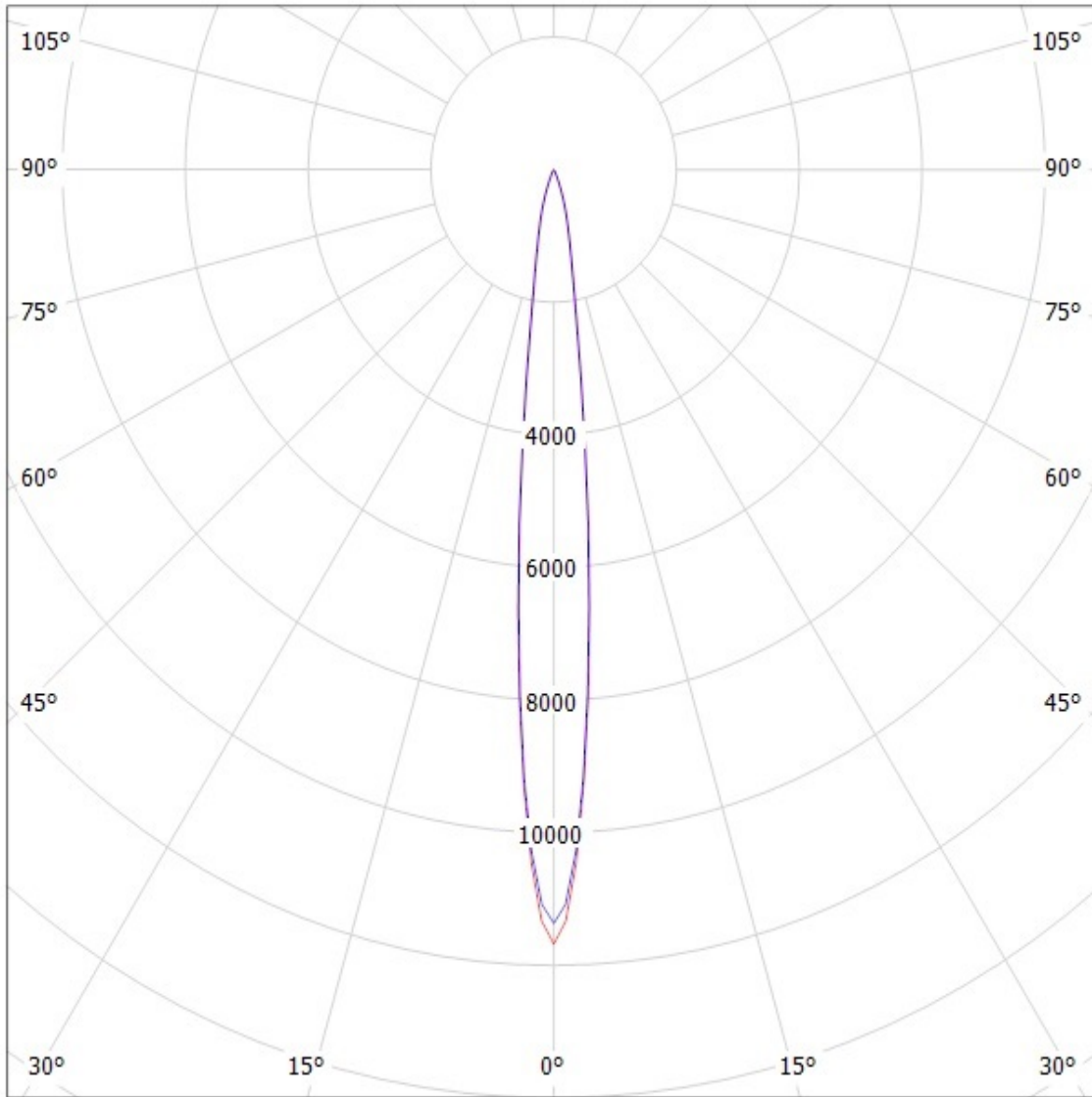
cd/klm

— C0 - C180 — C90 - C270

SIMULATED

Ledil Oy C11811_Aнна-50-6-S-OSL C11811_Aнна-50-6-S-OSL / LDC (Polar)

Luminaire: Ledil Oy C11811_Aнна-50-6-S-OSL C11811_Aнна-50-6-S-OSL
Lamps: 1 x Osram SSL 80



cd/klm

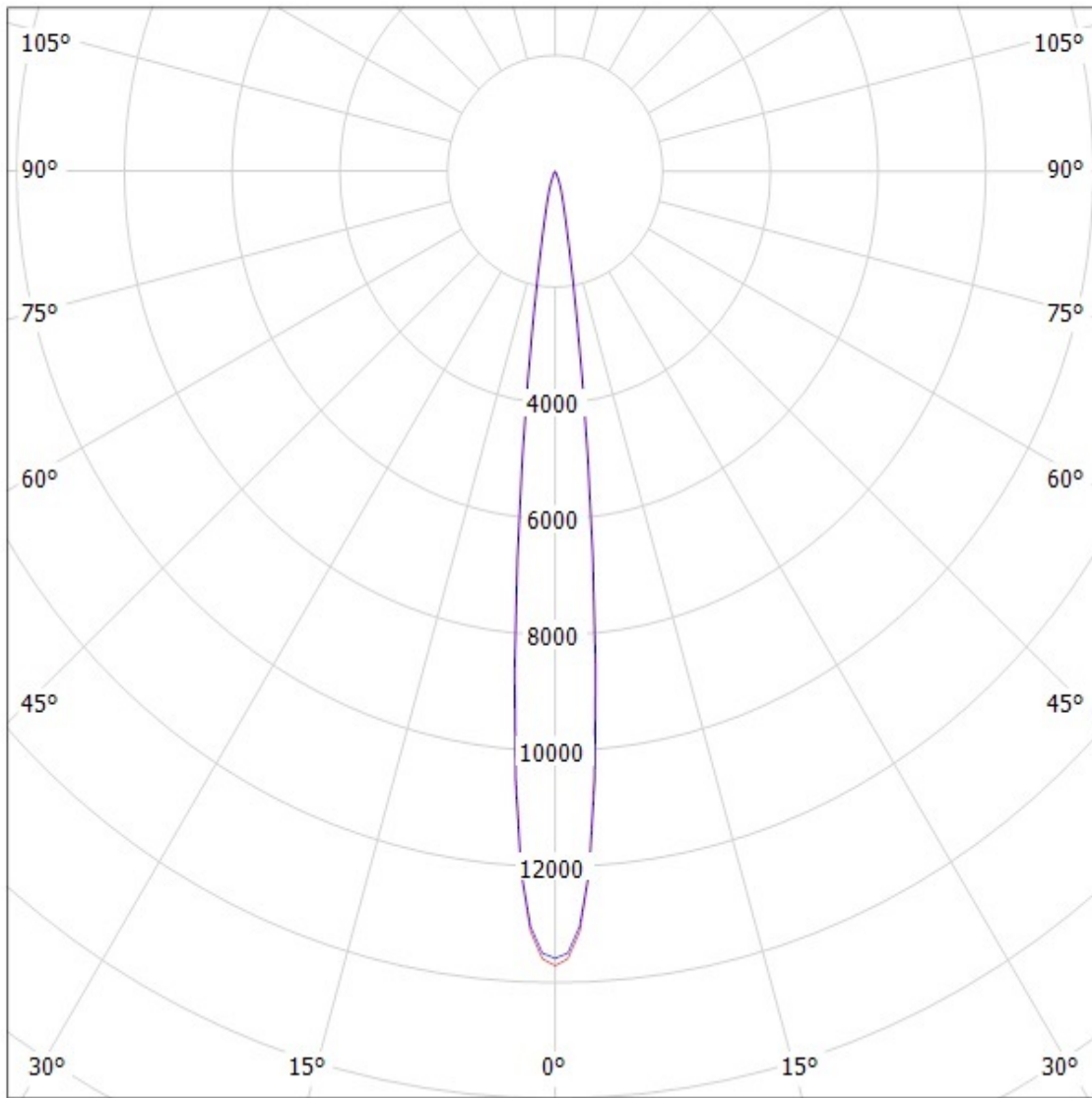
— C0 - C180

— C90 - C270

SIMULATED

Ledil Oy C11811_Aнна-50-6-S-OSL150 C11811_Aнна-50-6-S-OSL150 / LDC (Polar)

Luminaire: Ledil Oy C11811_Aнна-50-6-S-OSL150 C11811_Aнна-50-6-S-OSL150
Lamps: 1 x Osram SSL 150



cd/klm

— C0 - C180

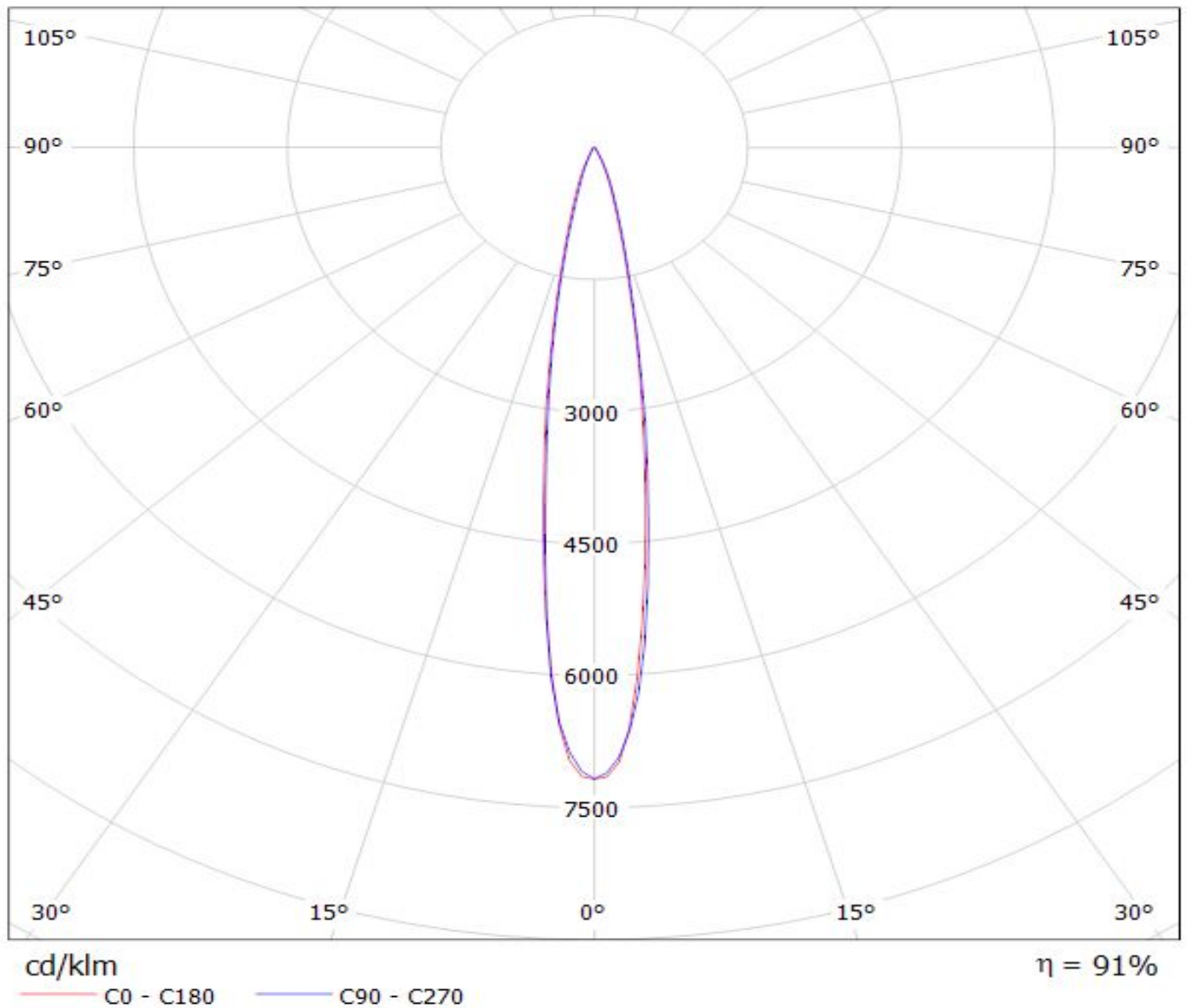
— C90 - C270

SIMULATED

LEDiL Oy C11811_ANNA-50-6-S_(SEOUL_SZ5) 90.9% / LDC (Polar)

Luminaire: LEDiL Oy C11811_ANNA-50-6-S_(SEOUL_SZ5) 90.9%

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.