

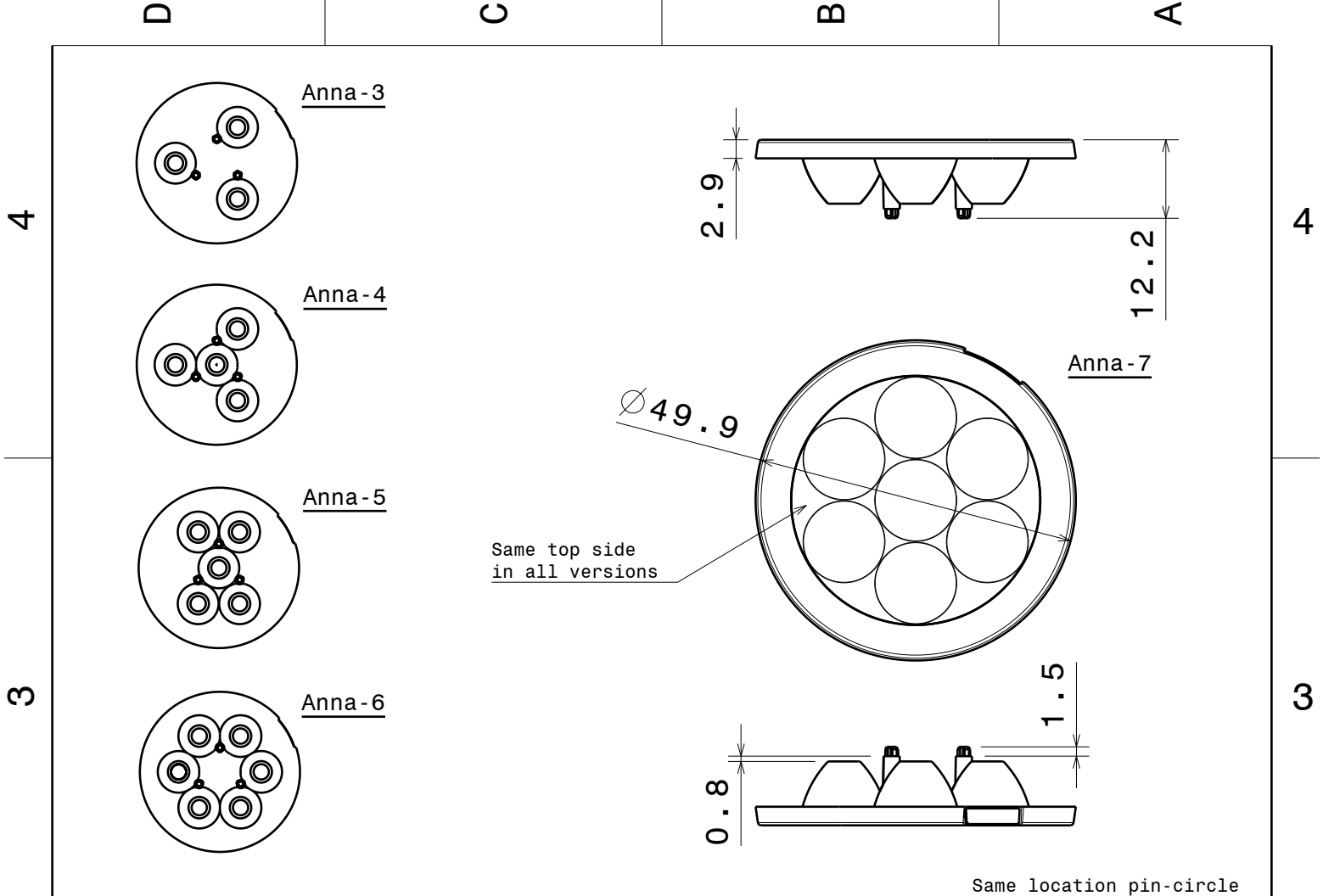
DETAILS

Product Number	C11799_ANNA-50-4-S
Family	Anna
Type	Lens array
Color	clear
Diameter	50 mm
Height	10,7 mm
Style	round
Optic Material	PMMA
Holder Material	
Fastening	glue, pin
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	-
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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 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

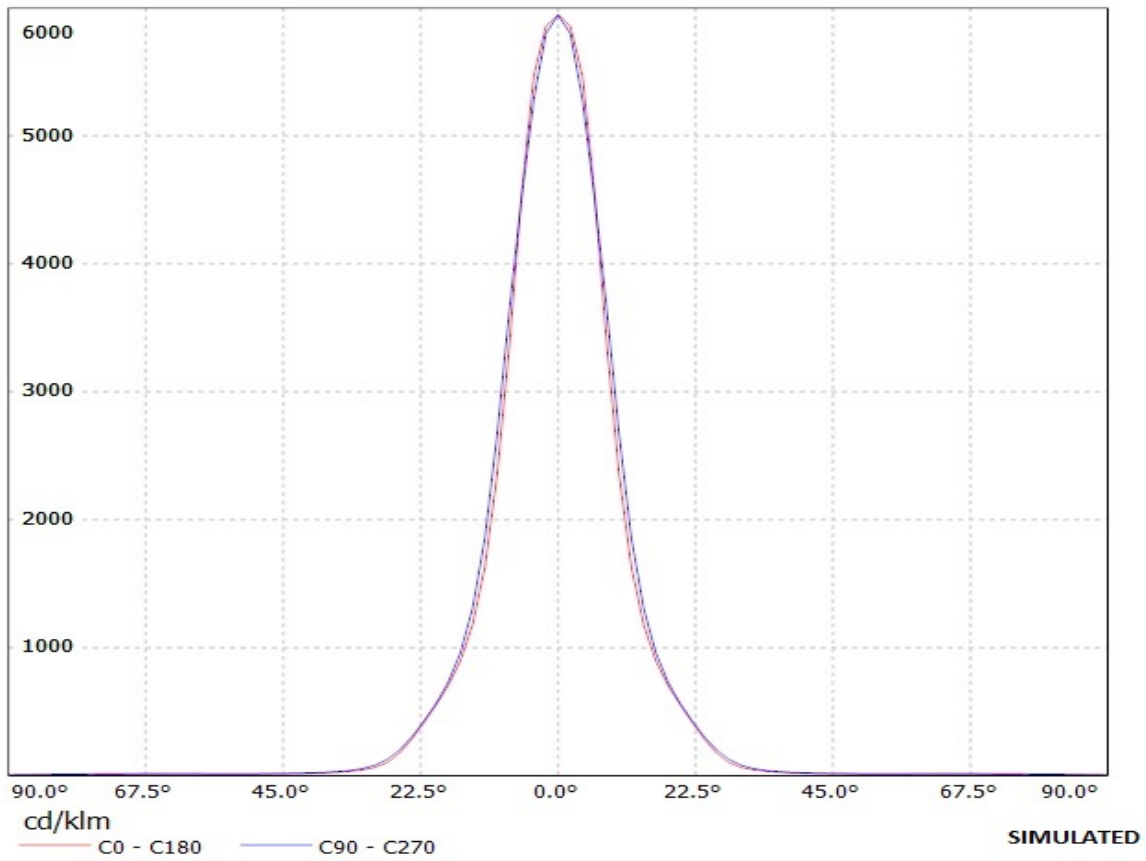
SCALE 1:1

WEIGHT (g)

SHEET 1/1

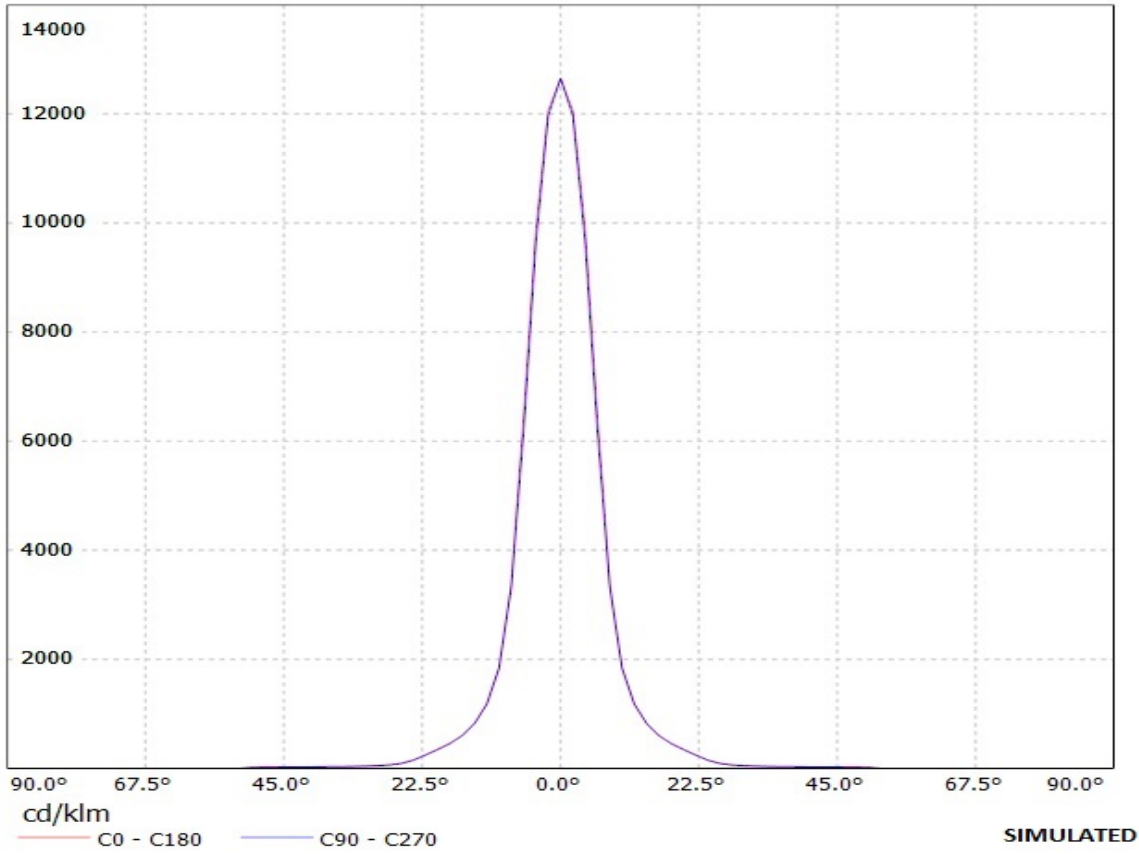
Ledil Oy C11799_AnnA-50-4-S-XP-G C11799_AnnA-50-4-S-XP-G / LDC (Linear)

Luminaire: Ledil Oy C11799_AnnA-50-4-S-XP-G C11799_AnnA-50-4-S-XP-G
Lamps: 1 x Cree XP-G (White)



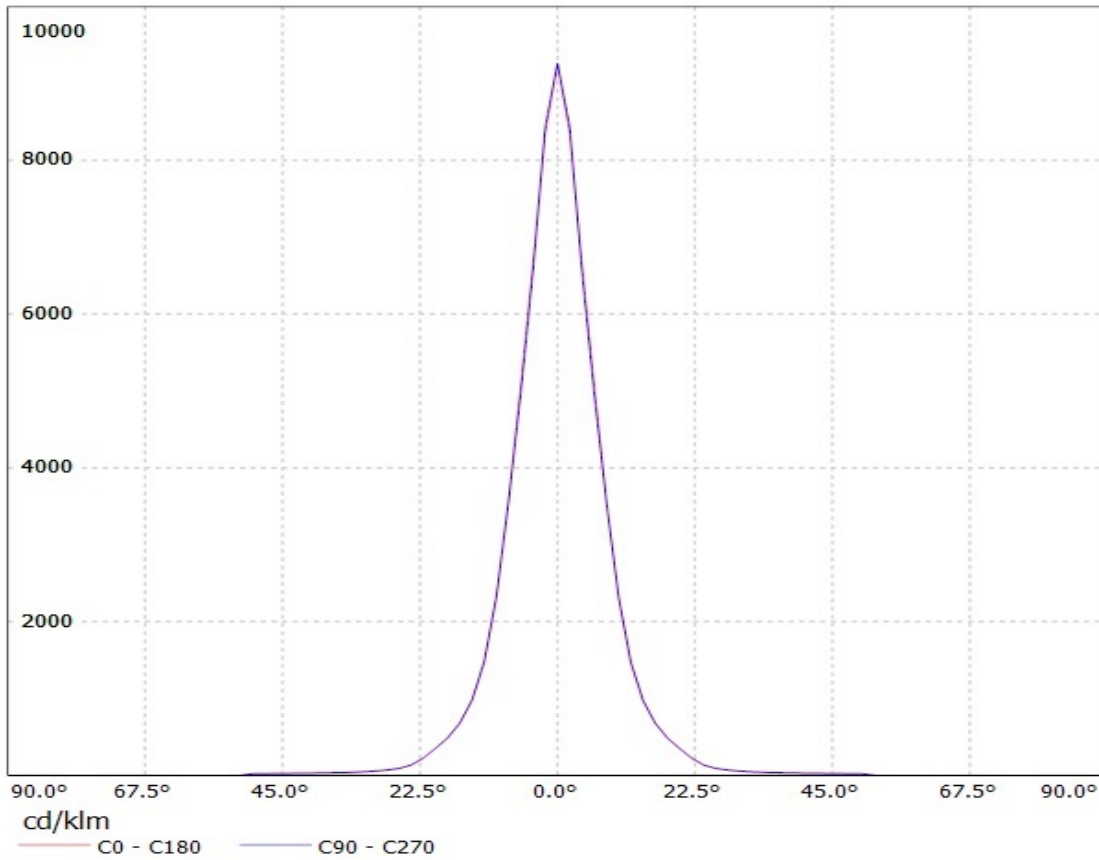
Ledil Oy C11799_Aнна-50-4-S-XP C11799_Aнна-50-4-S-XP / LDC (Linear)

Luminaire: Ledil Oy C11799_Aнна-50-4-S-XP C11799_Aнна-50-4-S-XP
Lamps: 1 x Cree XP-E (white) 295lm



Ledil Oy C11799-Anna-50-4-S-RE C11799-Anna-50-4-S-RE / LDC (Linear)

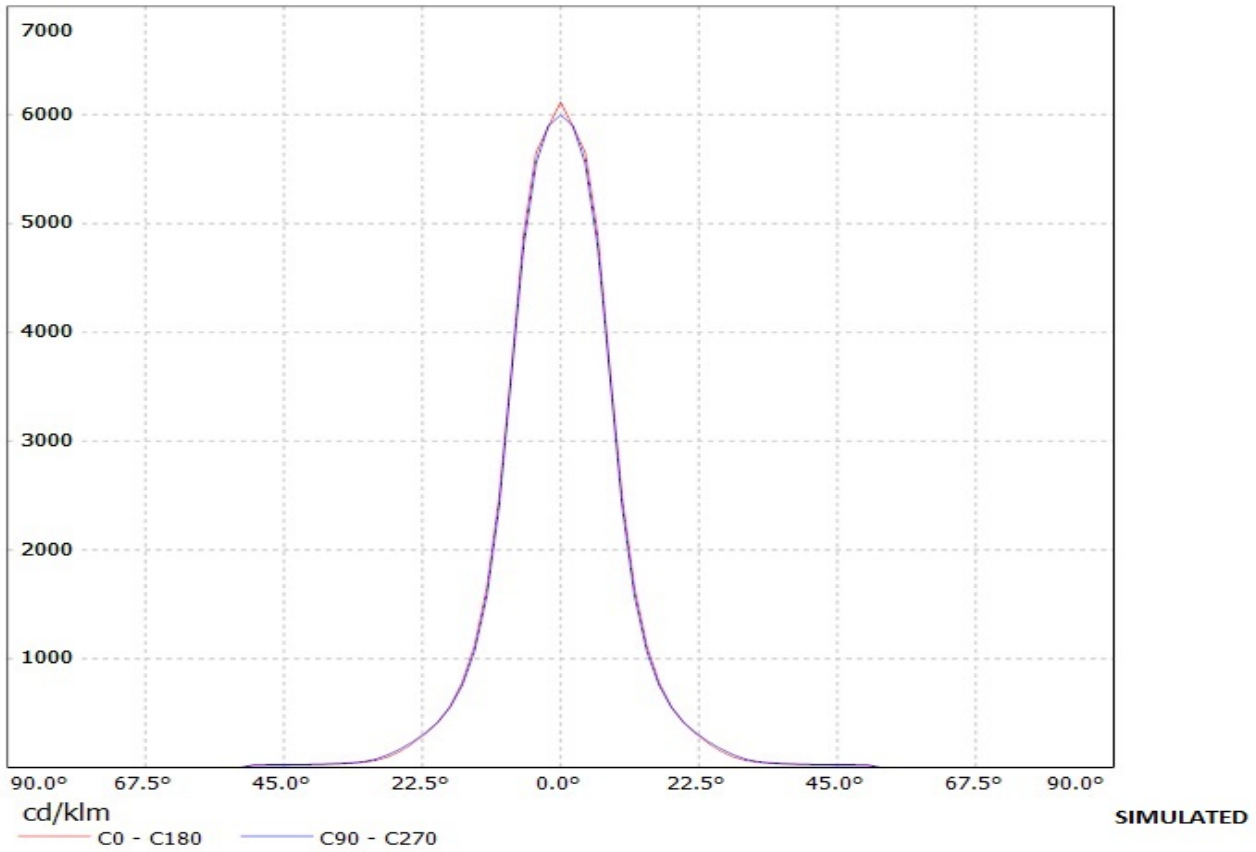
Luminaire: Ledil Oy C11799-Anna-50-4-S-RE C11799-Anna-50-4-S-RE
Lamps: 1 x Luxeon Rebel (white) 323



SIMULATED

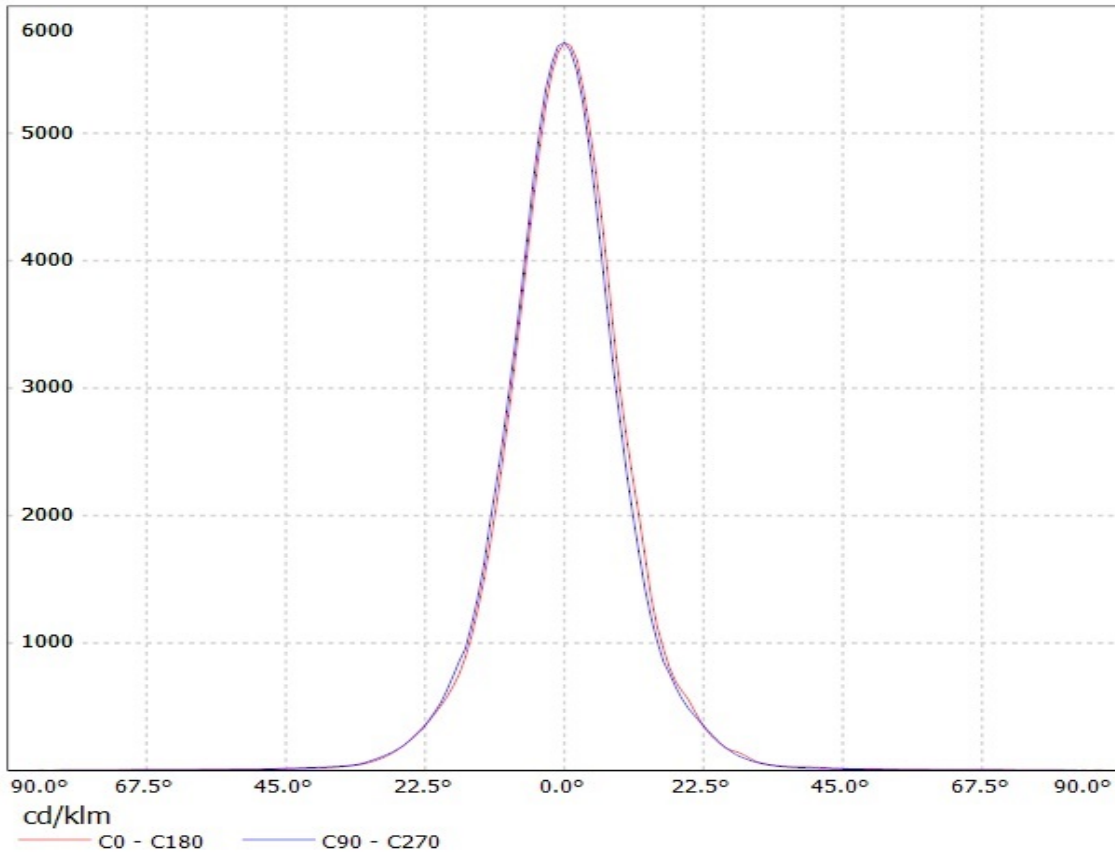
Ledil Oy C11799-Anna-50-4-S-RE-ES C11799-Anna-50-4-S-RE-ES / LDC (Linear)

Luminaire: Ledil Oy C11799-Anna-50-4-S-RE-ES C11799-Anna-50-4-S-RE-ES
Lamps: 1 x Luxeon Rebel ES (white)



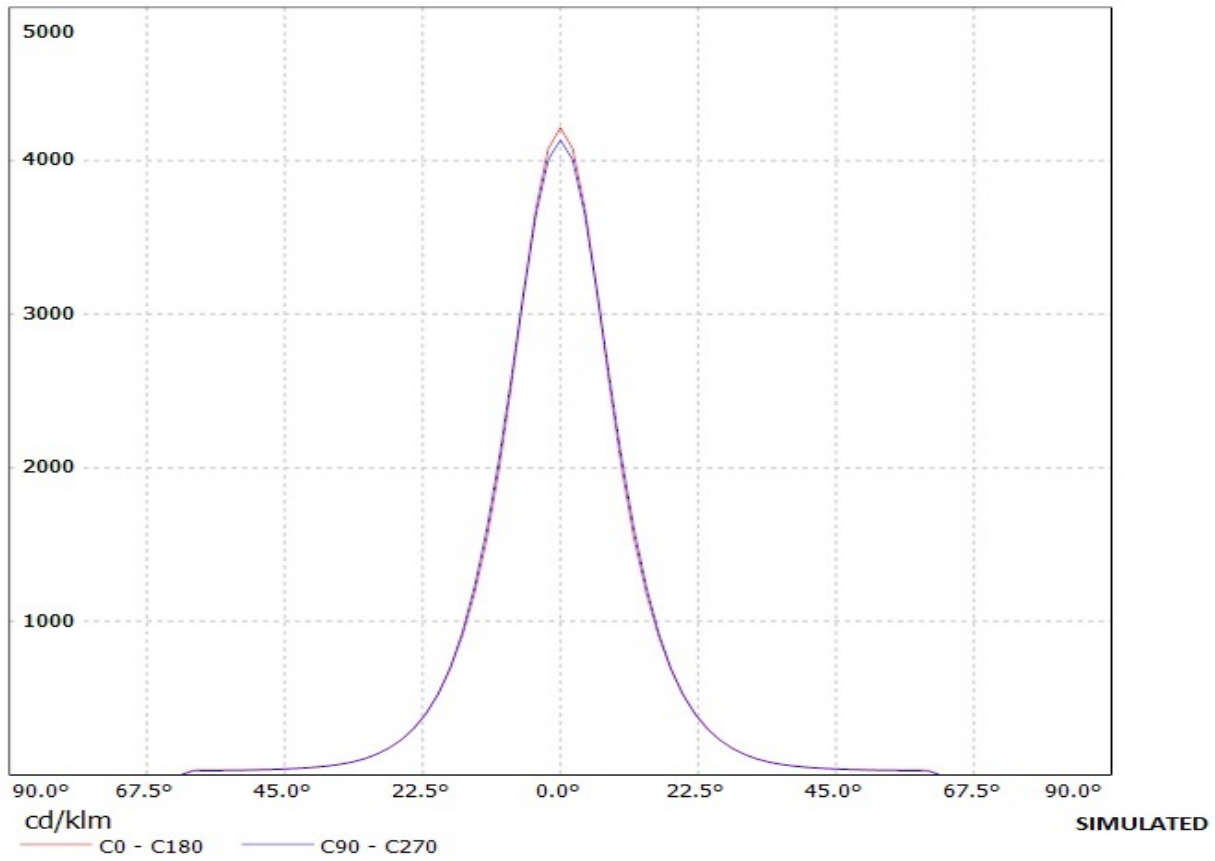
Ledil Oy C11799-Anna-50-4-S-RE-A Efficiency=87% / LDC (Linear)

Luminaire: Ledil Oy C11799-Anna-50-4-S-RE-A Efficiency=87%
Lamps: 1 x Luxeon-A 296lm 250mA



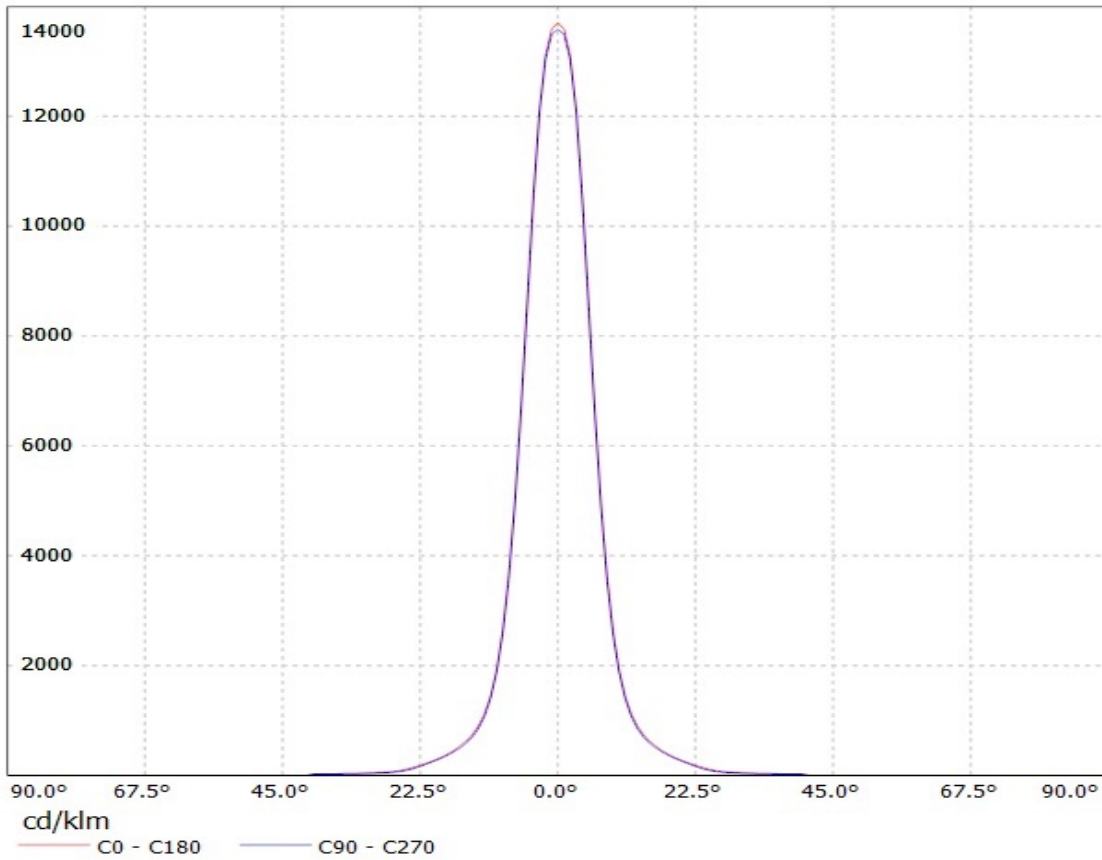
Ledil Oy C11799_AnnA-50-4-S-OSL C11799_AnnA-50-4-S-OSL / LDC (Linear)

Luminaire: Ledil Oy C11799_AnnA-50-4-S-OSL C11799_AnnA-50-4-S-OSL
Lamps: 1 x Osram SSL 80



Ledil Oy C11799_AnnA-50-4-S-OSL150 C11799_AnnA-50-4-S-OSL150 / LDC (Linear)

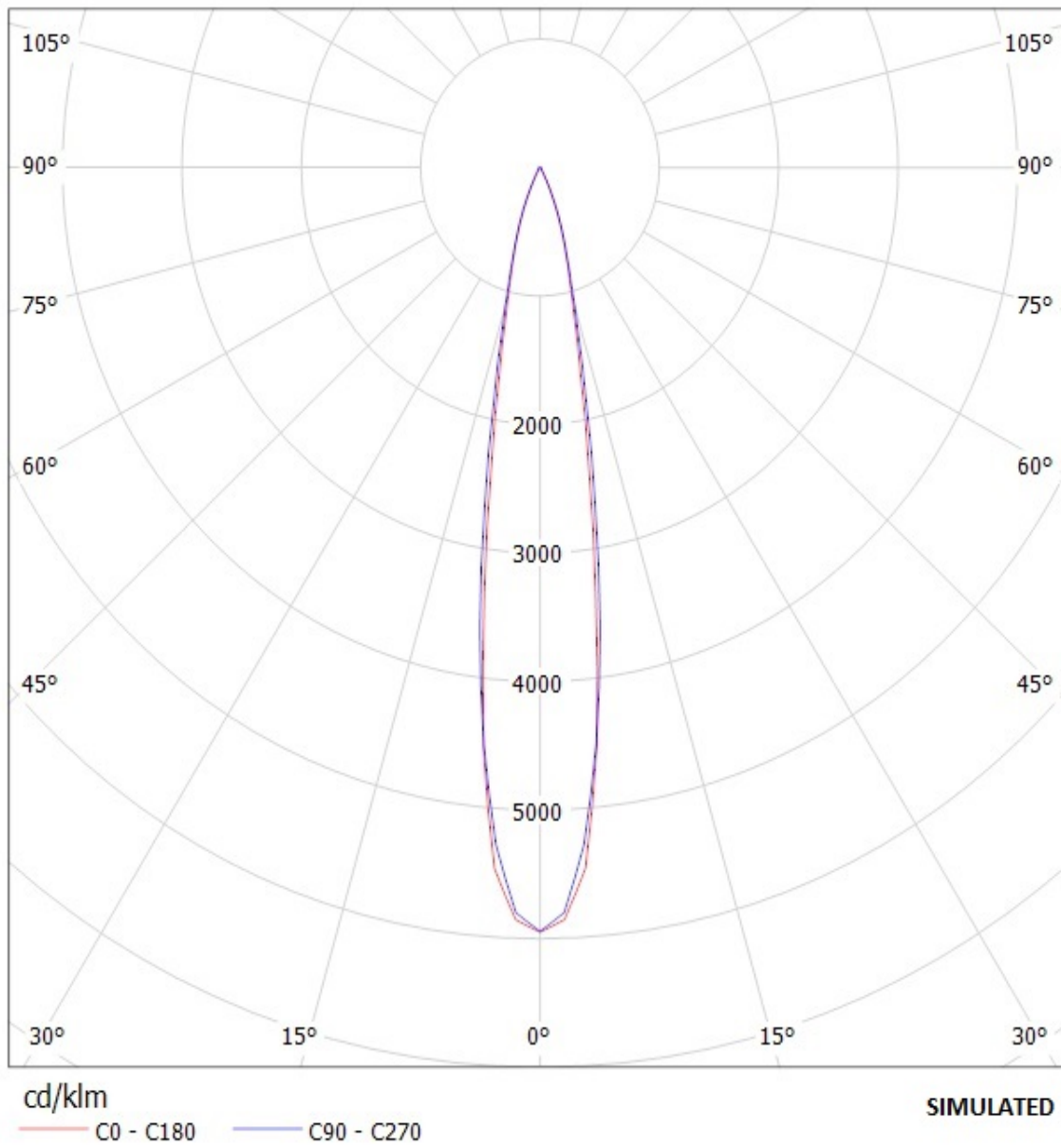
Luminaire: Ledil Oy C11799_AnnA-50-4-S-OSL150 C11799_AnnA-50-4-S-OSL150
Lamps: 1 x Osram SSL 150



Ledil Oy C11799_AnnA-50-4-S-XP-G C11799_AnnA-50-4-S-XP-G / LDC (Polar)

Luminaire: Ledil Oy C11799_AnnA-50-4-S-XP-G C11799_AnnA-50-4-S-XP-G

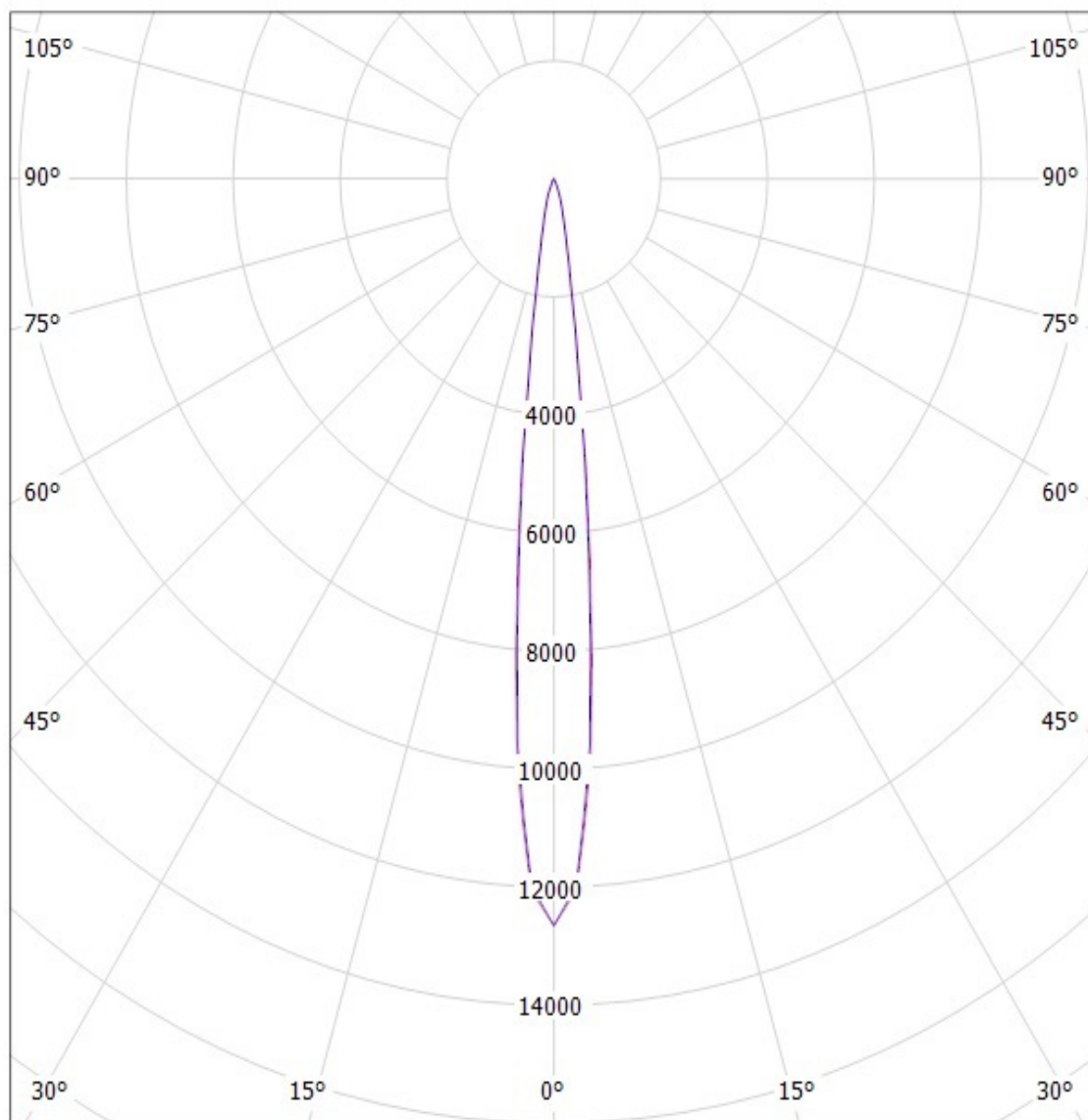
Lamps: 1 x Cree XP-G (White)



Ledil Oy C11799_Ann-50-4-S-XP C11799_Ann-50-4-S-XP / LDC (Polar)

Luminaire: Ledil Oy C11799_Ann-50-4-S-XP C11799_Ann-50-4-S-XP

Lamps: 1 x Cree XP-E (white) 295lm



cd/klm

— C0 - C180

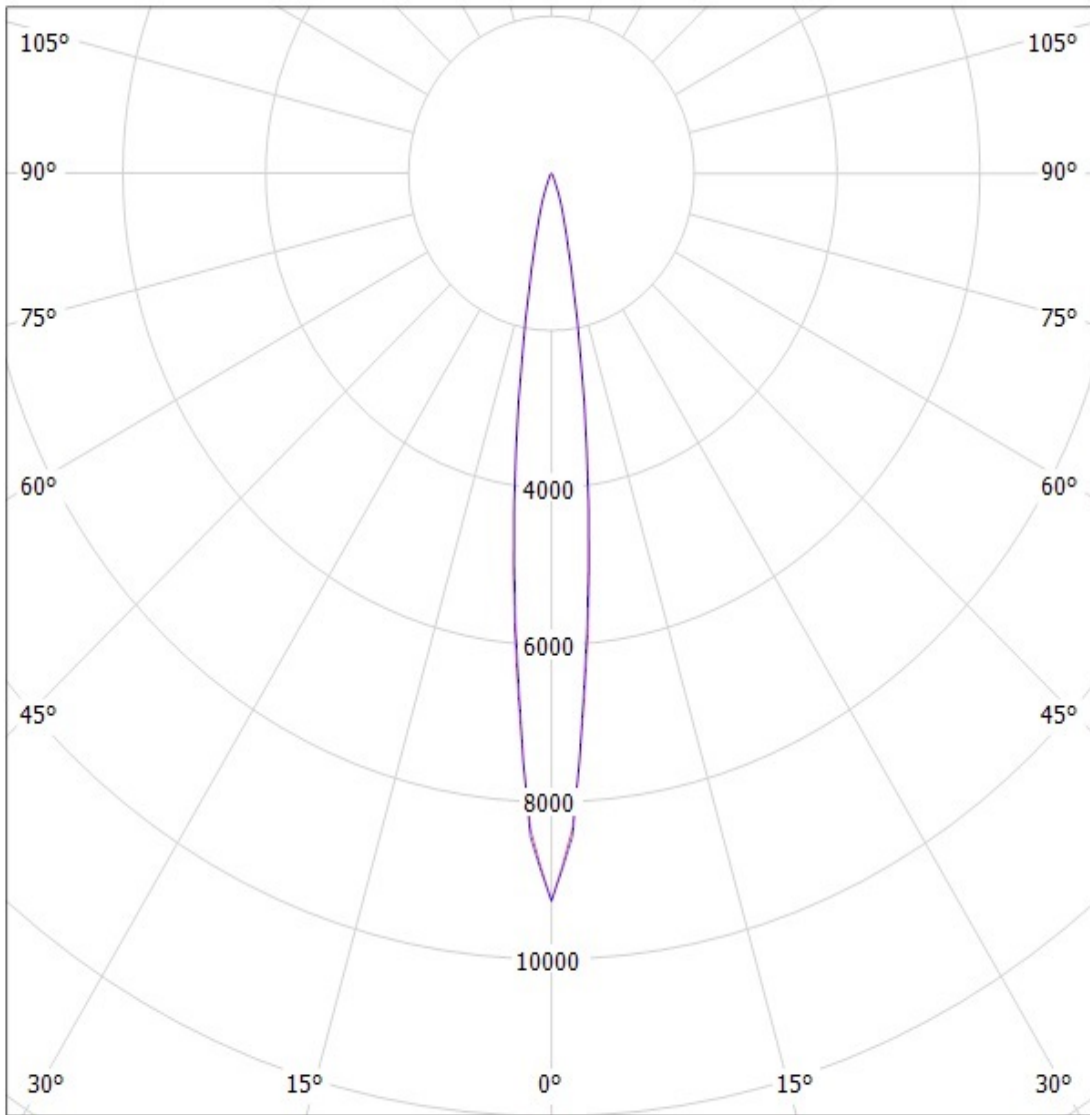
— C90 - C270

SIMULATED

Ledil Oy C11799-Anna-50-4-S-RE C11799-Anna-50-4-S-RE / LDC (Polar)

Luminaire: Ledil Oy C11799-Anna-50-4-S-RE C11799-Anna-50-4-S-RE

Lamps: 1 x Luxeon Rebel (white) 323



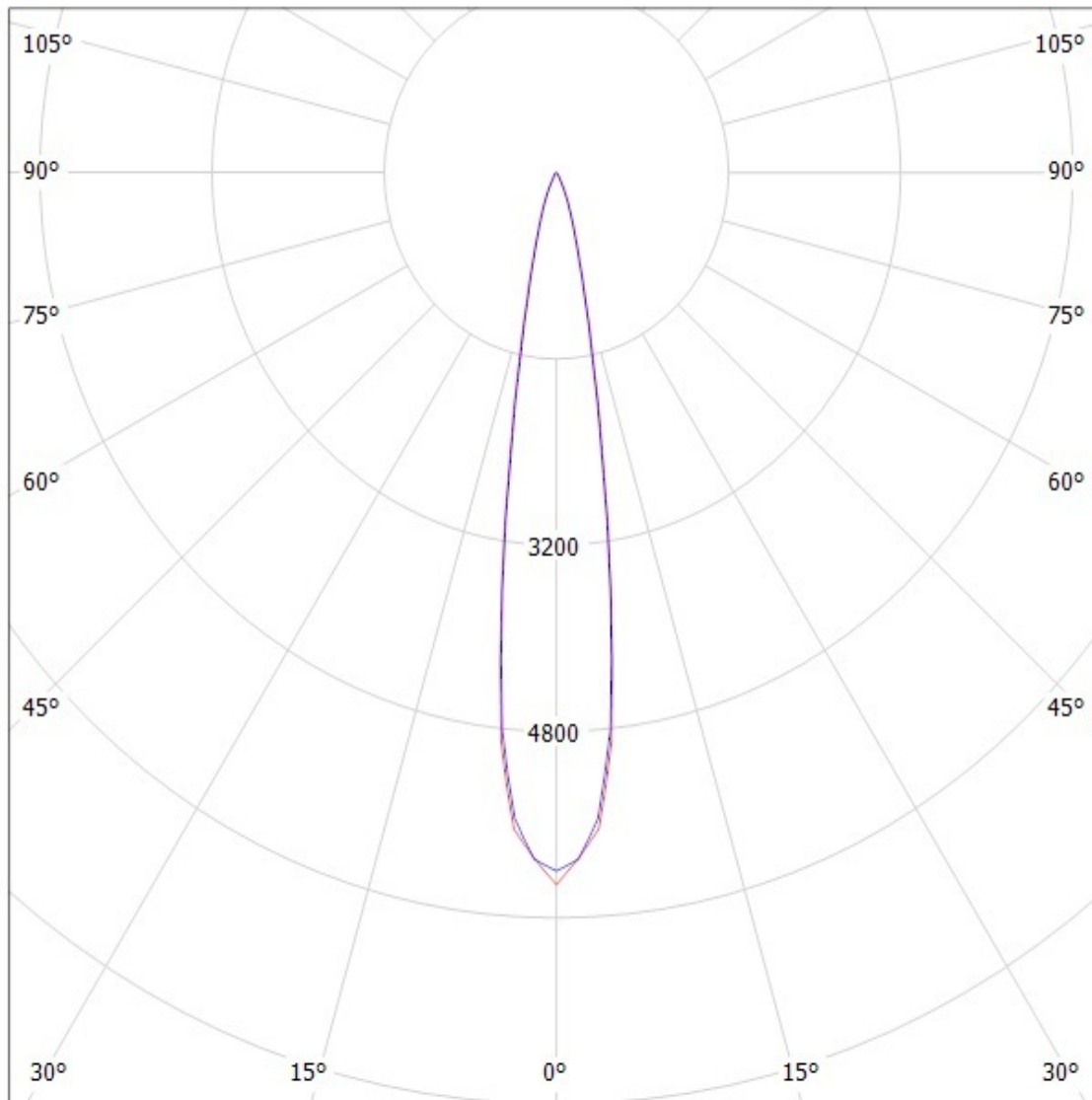
cd/klm

— C0 - C180 — C90 - C270

SIMULATED

Ledil Oy C11799-Anna-50-4-S-RE-ES C11799-Anna-50-4-S-RE-ES / LDC (Polar)

Luminaire: Ledil Oy C11799-Anna-50-4-S-RE-ES C11799-Anna-50-4-S-RE-ES
Lamps: 1 x Luxeon Rebel ES (white)



cd/klm

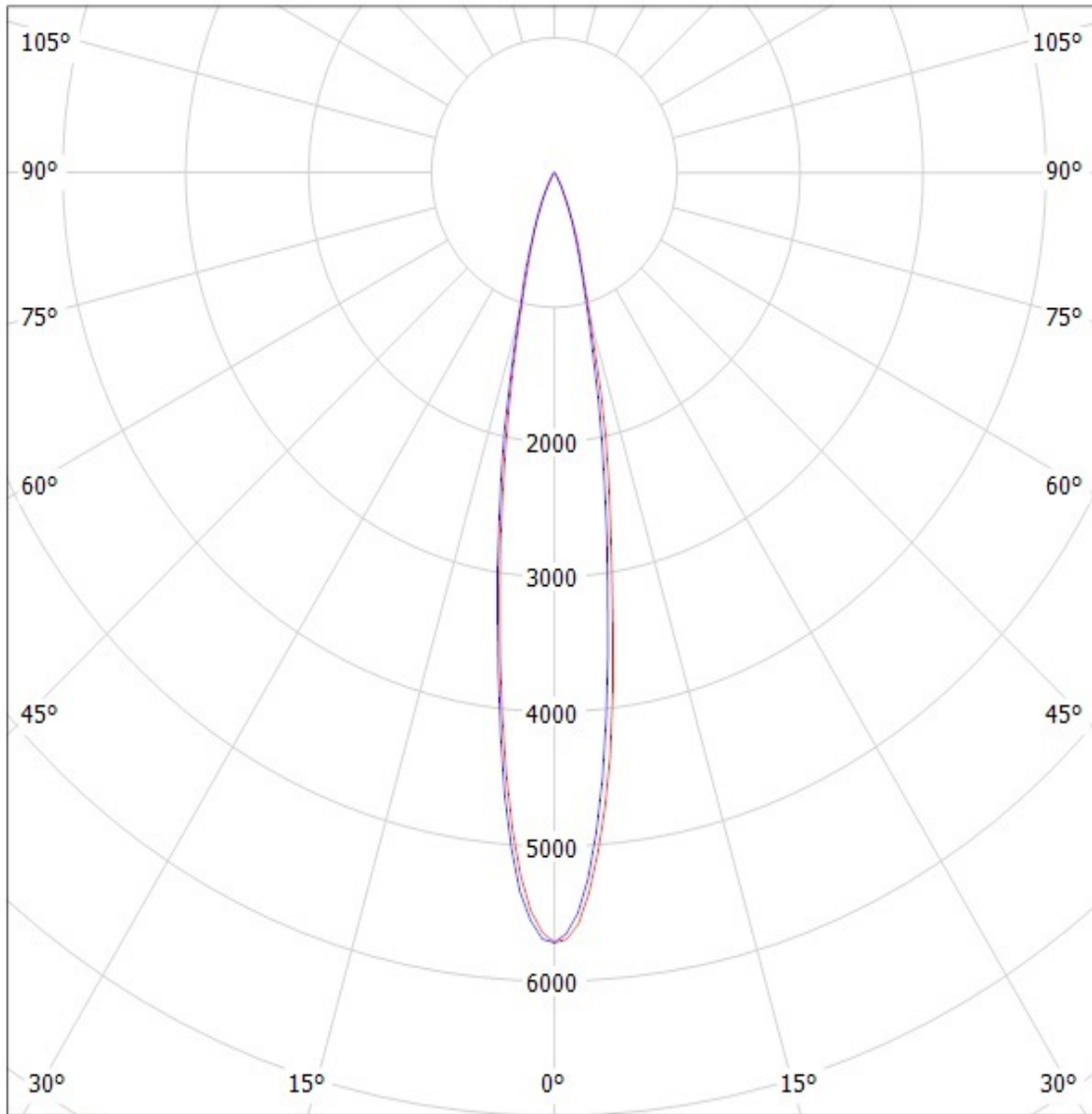
— C0 - C180 — C90 - C270

SIMULATED

Ledil Oy C11799-Anna-50-4-S-RE-A Efficiency=87% / LDC (Polar)

Luminaire: Ledil Oy C11799-Anna-50-4-S-RE-A Efficiency=87%

Lamps: 1 x Luxeon-A 296lm 250mA



cd/klm

— C0 - C180

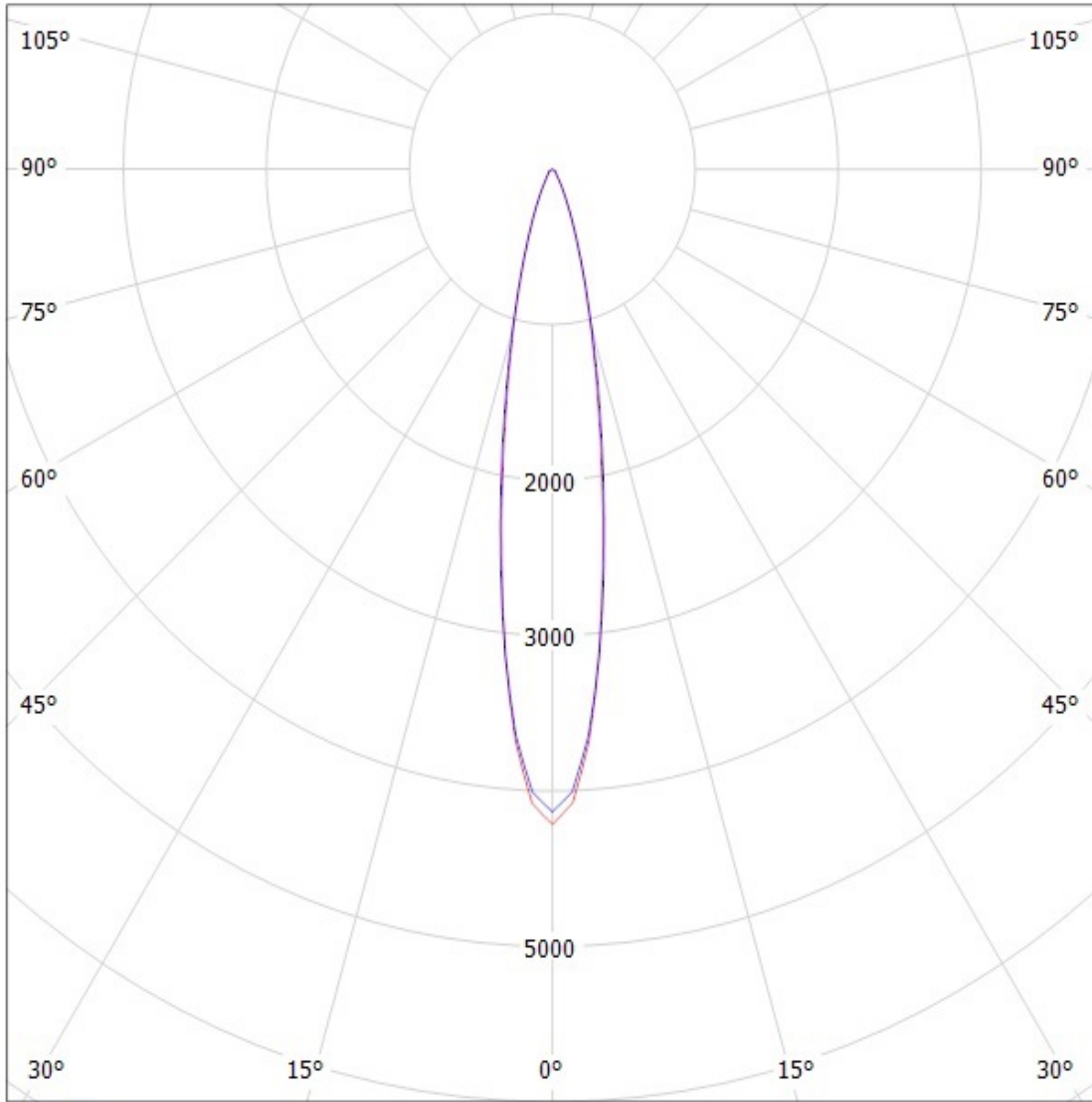
— C90 - C270

SIMULATED

Ledil Oy C11799_AnnA-50-4-S-OSL C11799_AnnA-50-4-S-OSL / LDC (Polar)

Luminaire: Ledil Oy C11799_AnnA-50-4-S-OSL C11799_AnnA-50-4-S-OSL

Lamps: 1 x Osram SSL 80



cd/klm

— C0 - C180

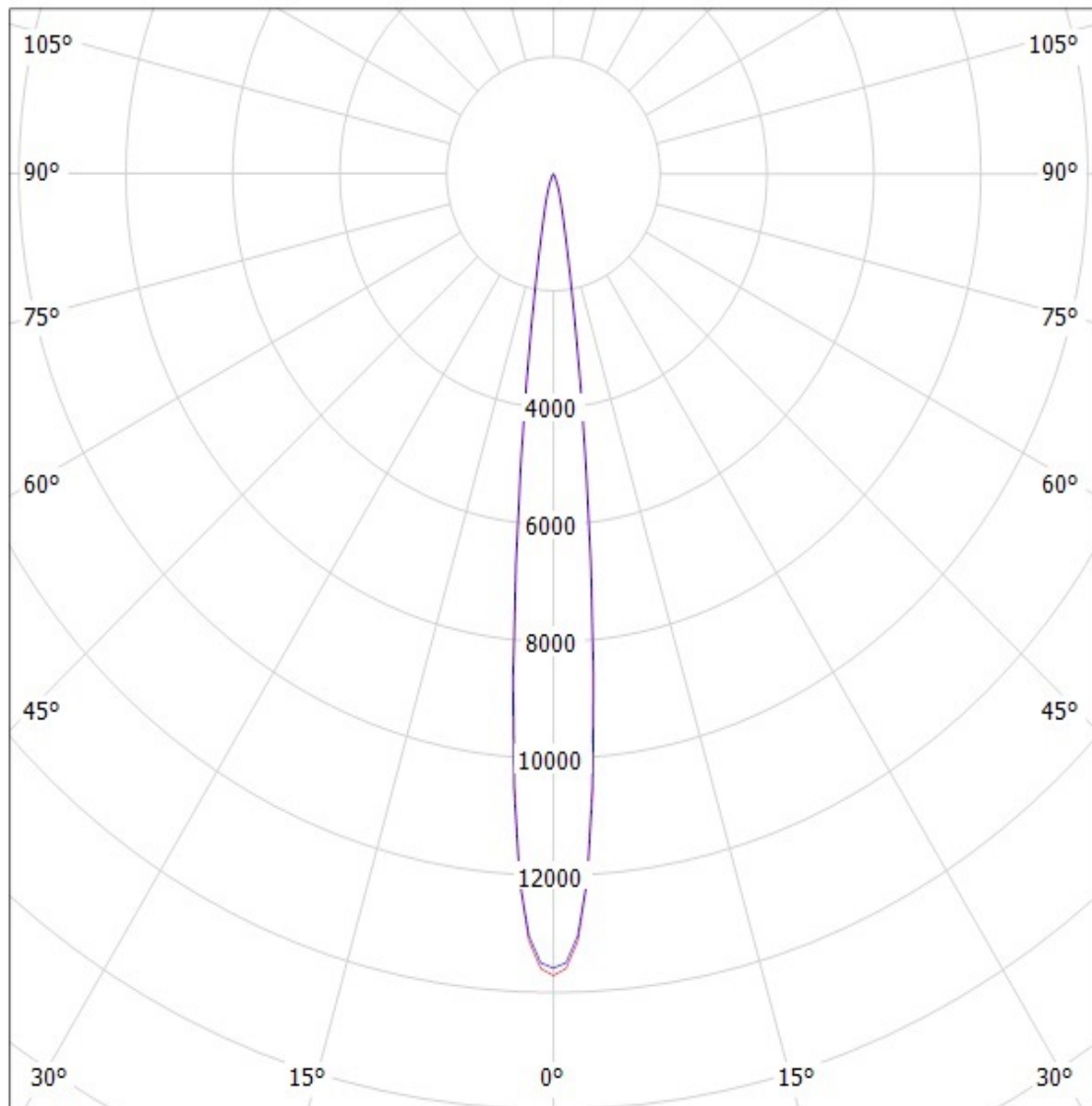
— C90 - C270

SIMULATED

Ledil Oy C11799_Aнна-50-4-S-OSL150 C11799_Aнна-50-4-S-OSL150 / LDC (Polar)

Luminaire: Ledil Oy C11799_Aнна-50-4-S-OSL150 C11799_Aнна-50-4-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.