

DETAILS

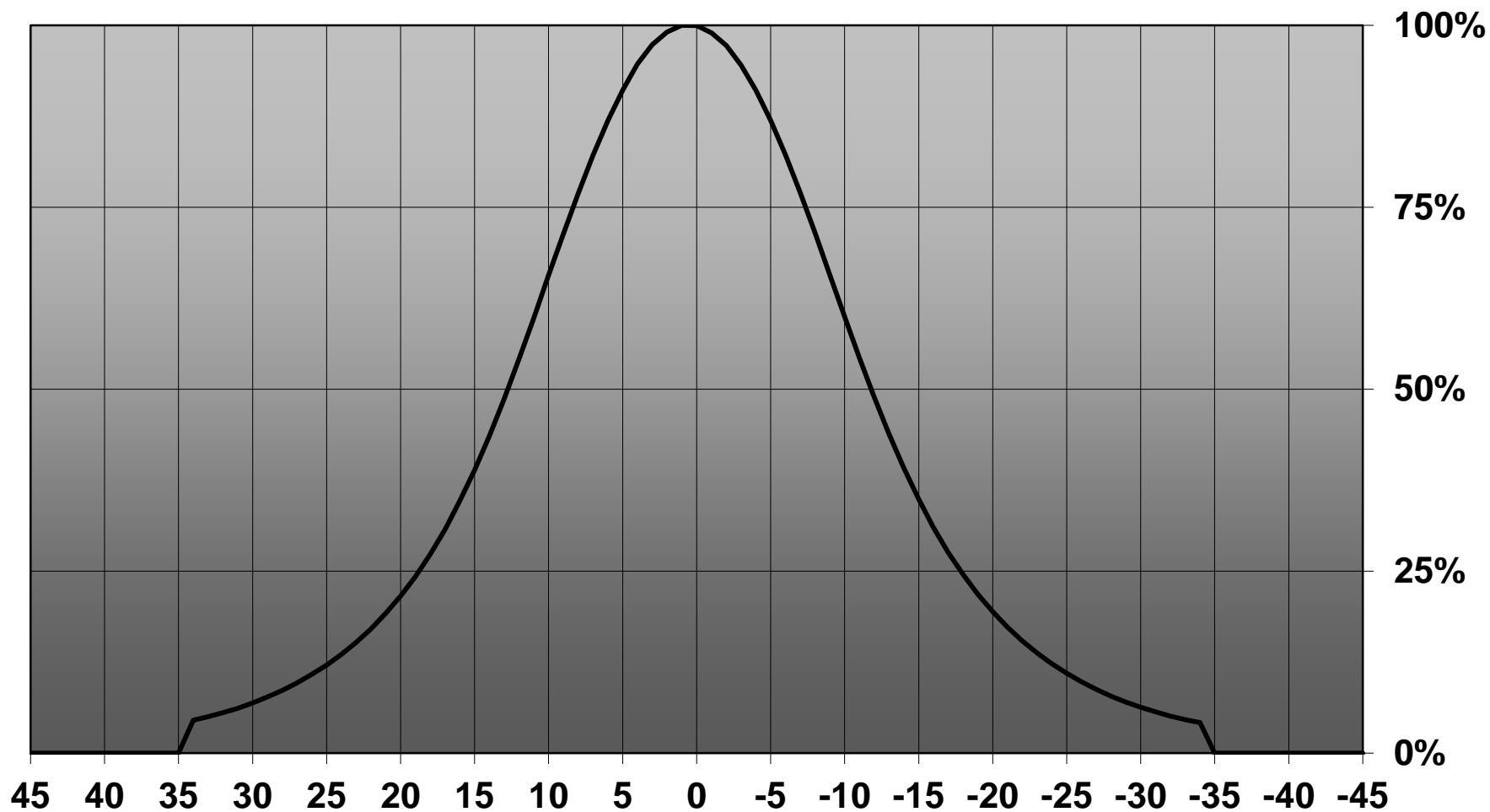
Product Number	C11717_ANNA-40-7-M
Family	Anna
Type	Lens array
Color	clear
Diameter	40 mm
Height	10,7 mm
Style	round
Optic Material	PMMA
Holder Material	
Fastening	glue, pin
Status	production ready
ROHS Compliant	Yes
Date Updated	16/09/2014



OPTICAL PROPERTIES

LED	Viewing	Light	Effi-		Connector
	Angle	Beam	ciency	cd/lm	
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 ES	27 deg	Medium	87 %	2.300	-
LUXEON Rebel	18 deg	Medium	87 %	5.000	-
LUXEON A	26 deg	Medium	84 %	2.840	-
LUXEON T	sim: 22	Medium	sim: 91 %	sim: 5.180	-
LUXEON TX	sim: 23	Medium	sim: 94 %	sim: 5.400	-
NCSxx19A	23 deg	Medium	89 %	3.200	-
NVSxx19A	25 deg	Medium	89 %	2.900	-
NF2x757A	20 deg	Medium	90 %	4.080	-
NF2x757G	25 deg	Medium	84 %	2.820	-
Oslon SSL 80	20 deg	Medium	88 %	4.200	-
Oslon SSL 150	22 deg	Medium	89 %	4.000	-
Duris S5 (2 chip)	25 deg	Medium	85 %	3.100	-
Z5M1/Z5M2	26 deg	Medium	85 %	2.800	-

Relative intensity of C11717_ANNA-40-7-M_(NF2W757G)



D

C

B

A

4

4

3

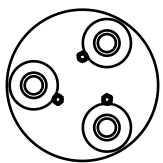
3

2

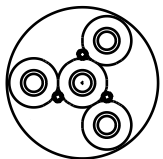
2

1

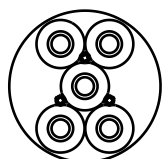
1



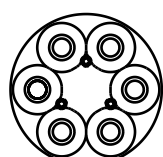
Anna-3



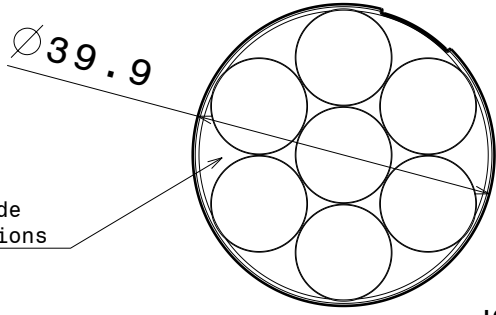
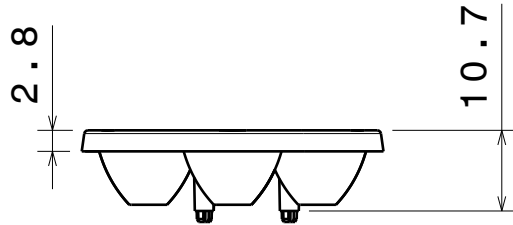
Anna-4



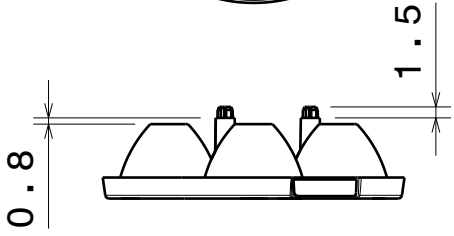
Anna-5



Anna-6

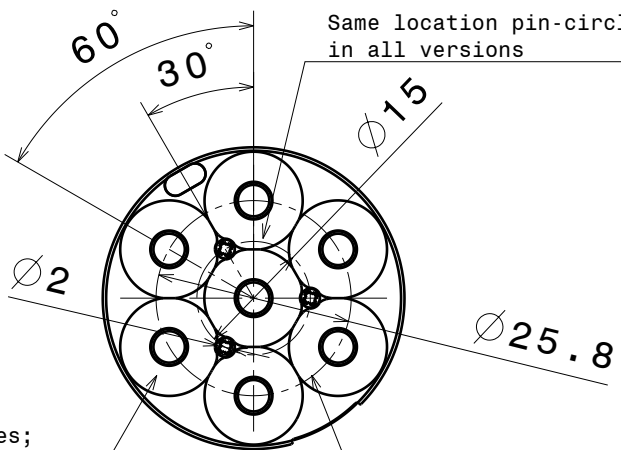


Anna-7



Same top side in all versions

Same location pin-circle in all versions



Number of cones varies; 3, 4, 5, 6 and 7pcs on bottom side depending the version.

Same led-circle in all versions

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

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L T F F e i n e i n

DRAWING TITLE Datasheet Anna40-series Lens

DRAWN BY p	DATE 12.10.2010
CHECKED BY s n	DATE 12.10.2010
DESIGNED BY hh	DATE 30.07.2010

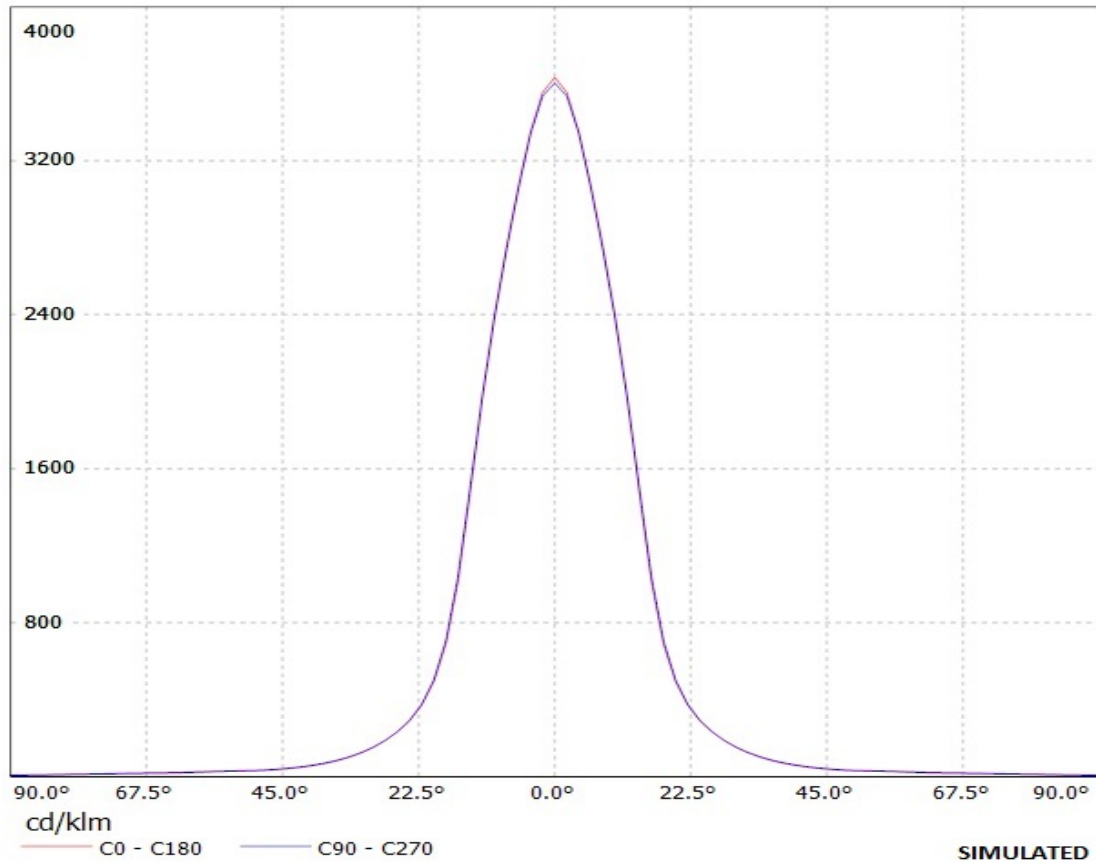
SIZE A4	DRAWING NUMBER -	REV 1
SCALE 1:1	WEIGHT (g)	SHEET 1/1

D

A

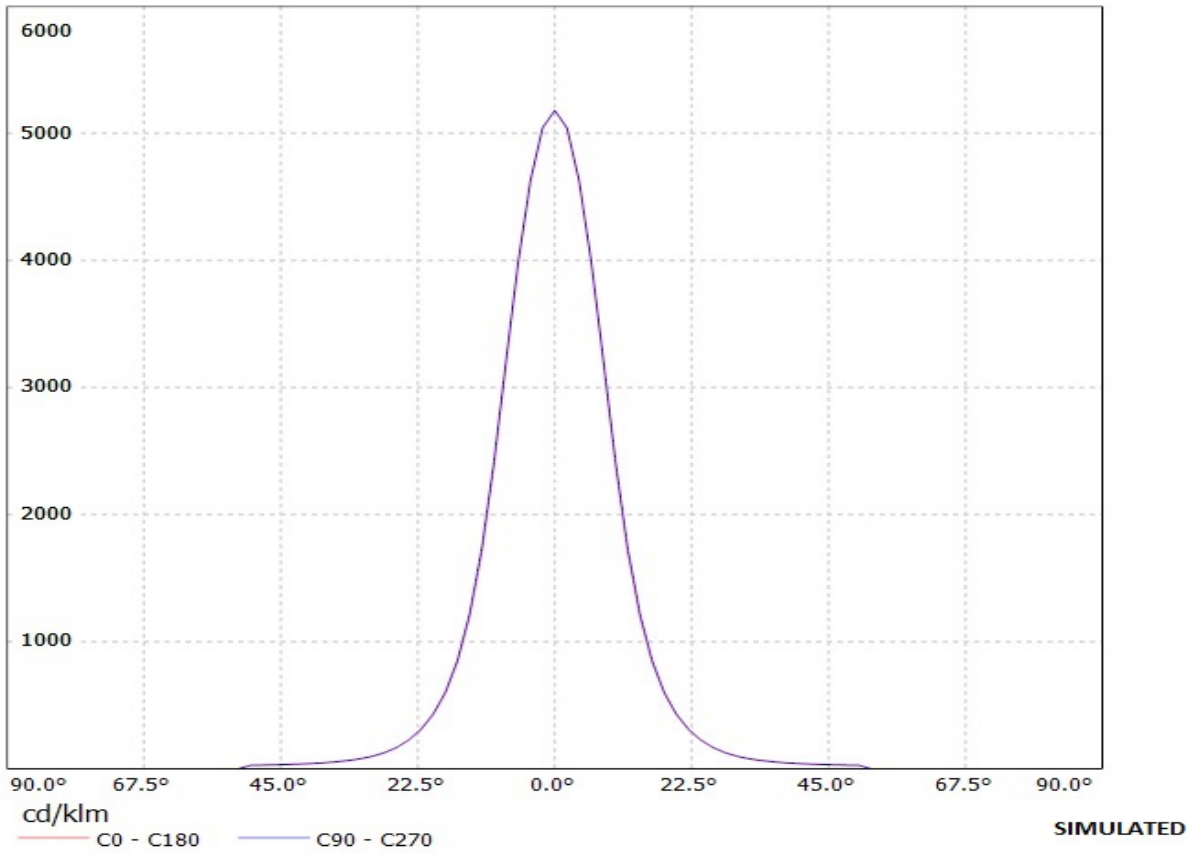
Ledil Oy C11717_Aнна-40-7-M-XP-G C11717_Aнна-40-7-M-XP-G / LDC (Linear)

Luminaire: Ledil Oy C11717_Aнна-40-7-M-XP-G C11717_Aнна-40-7-M-XP-G
Lamps: 1 x Cree XP-G (White)



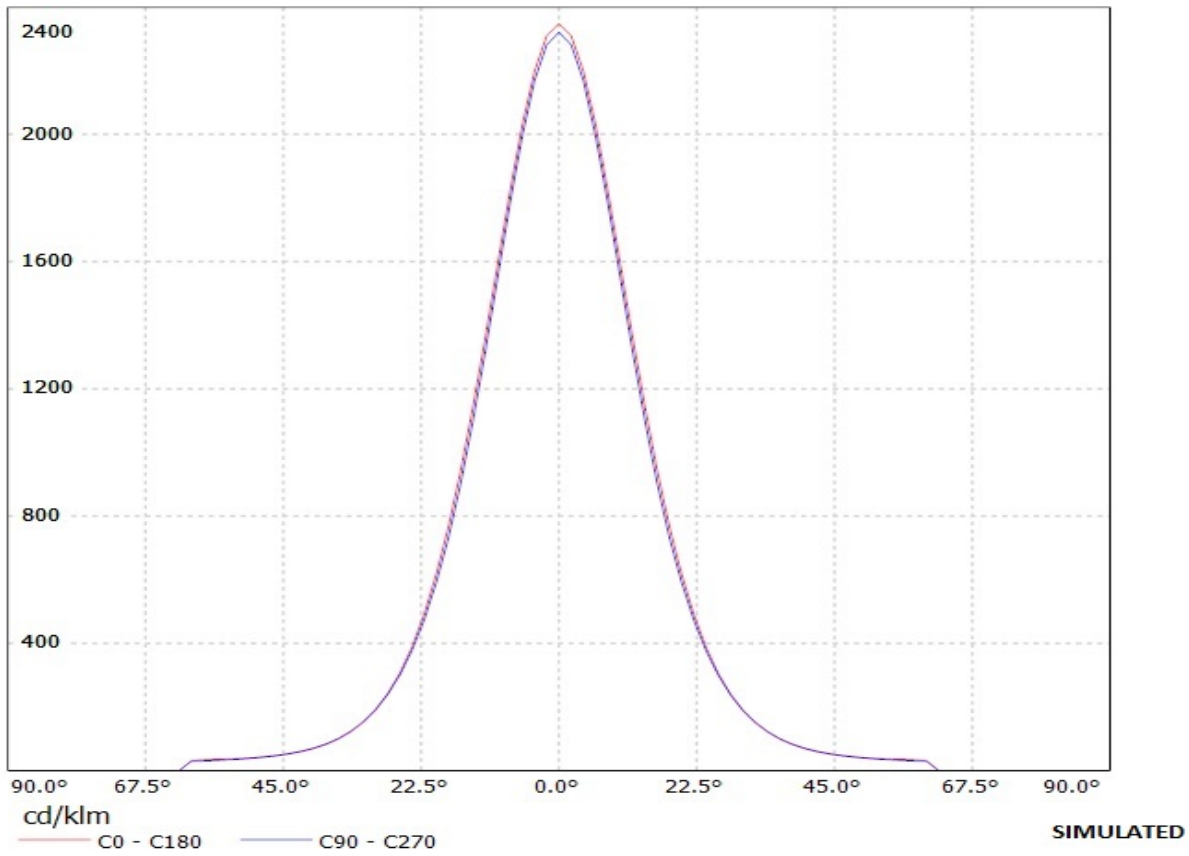
Ledil Oy C11717_AnnA-40-7-M-XP C11717_AnnA-40-7-M-XP / LDC (Linear)

Luminaire: Ledil Oy C11717_AnnA-40-7-M-XP C11717_AnnA-40-7-M-XP
Lamps: 1 x Cree XP-E (white) 516lm



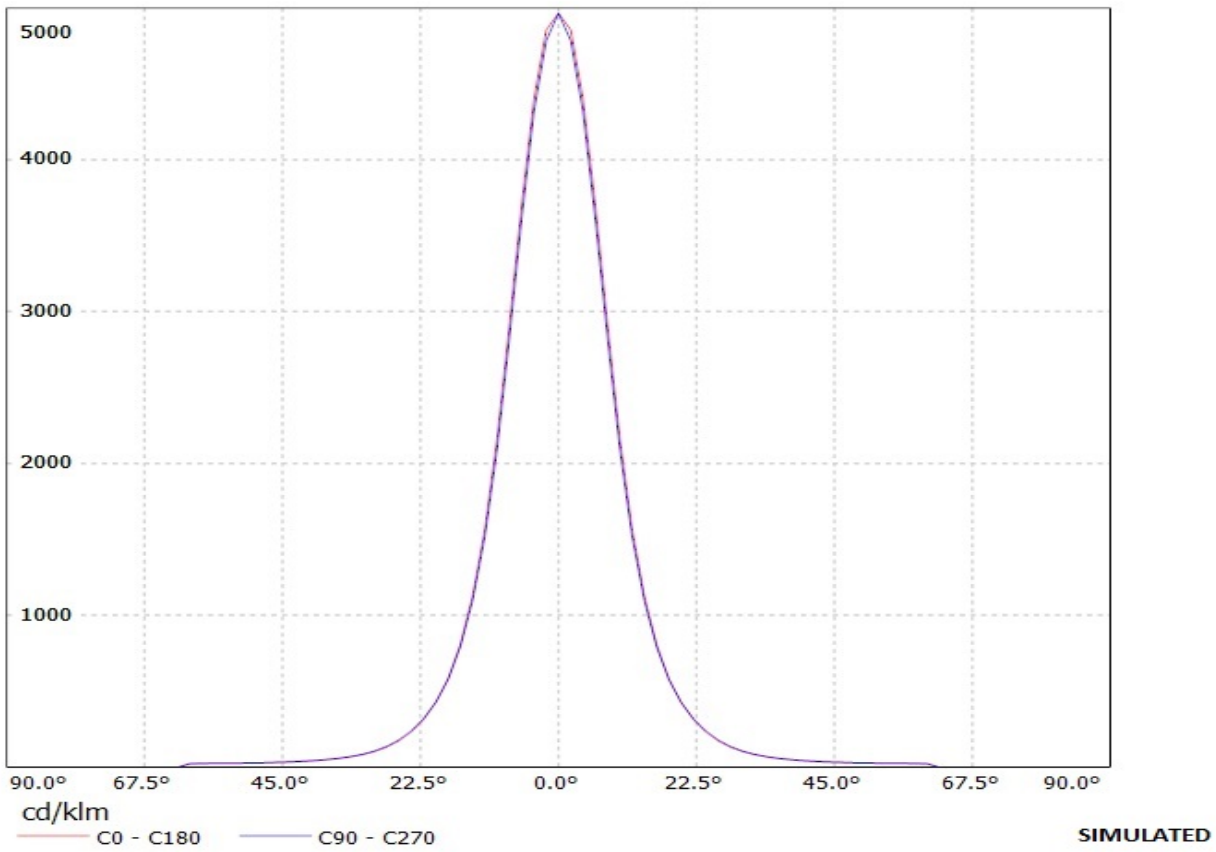
Ledil Oy C11717-Anna-40-7-M-RE-ES C11717-Anna-40-7-M-RE-ES / LDC (Linear)

Luminaire: Ledil Oy C11717-Anna-40-7-M-RE-ES C11717-Anna-40-7-M-RE-ES
Lamps: 1 x Luxeon Rebel ES (white)



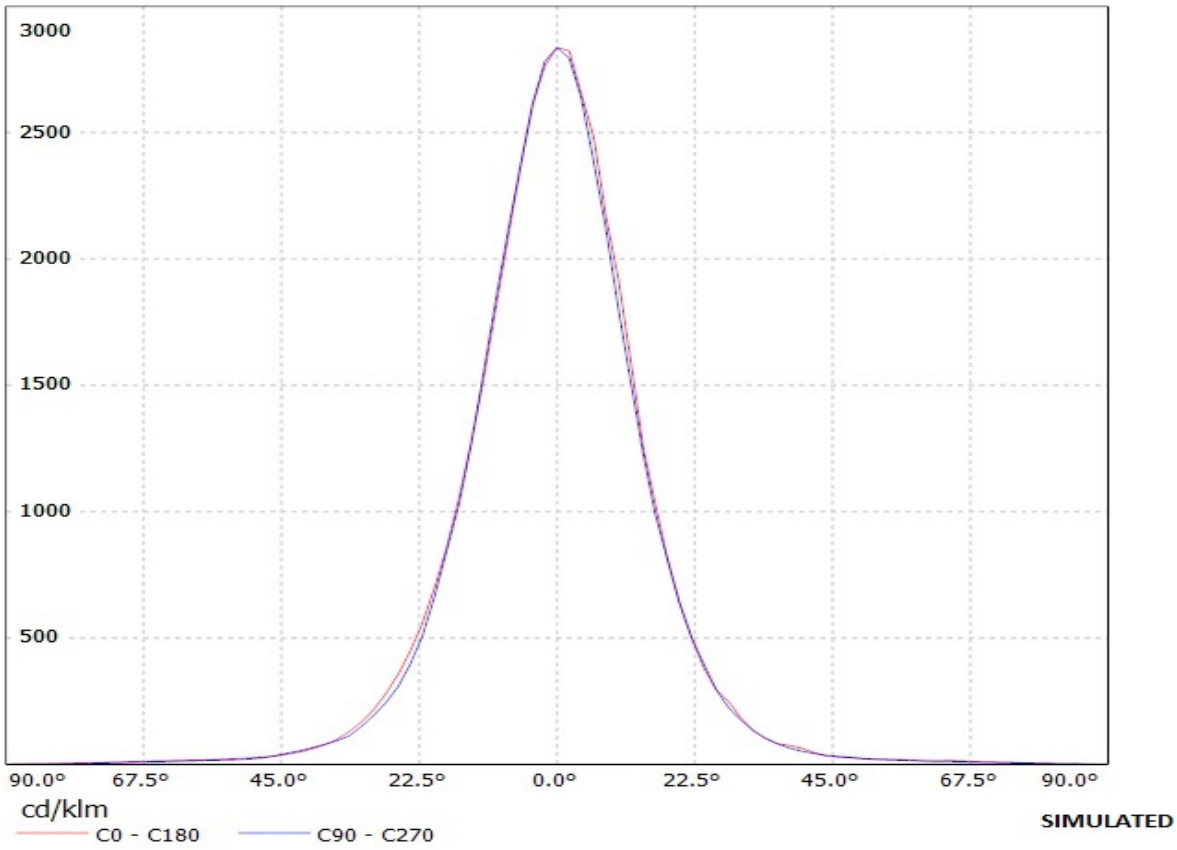
Ledil Oy C11717_AnnA-40-7-M-RE C11717_AnnA-40-7-M-RE / LDC (Linear)

Luminaire: Ledil Oy C11717_AnnA-40-7-M-RE C11717_AnnA-40-7-M-RE
Lamps: 1 x Luxeon Rebel (white) 565

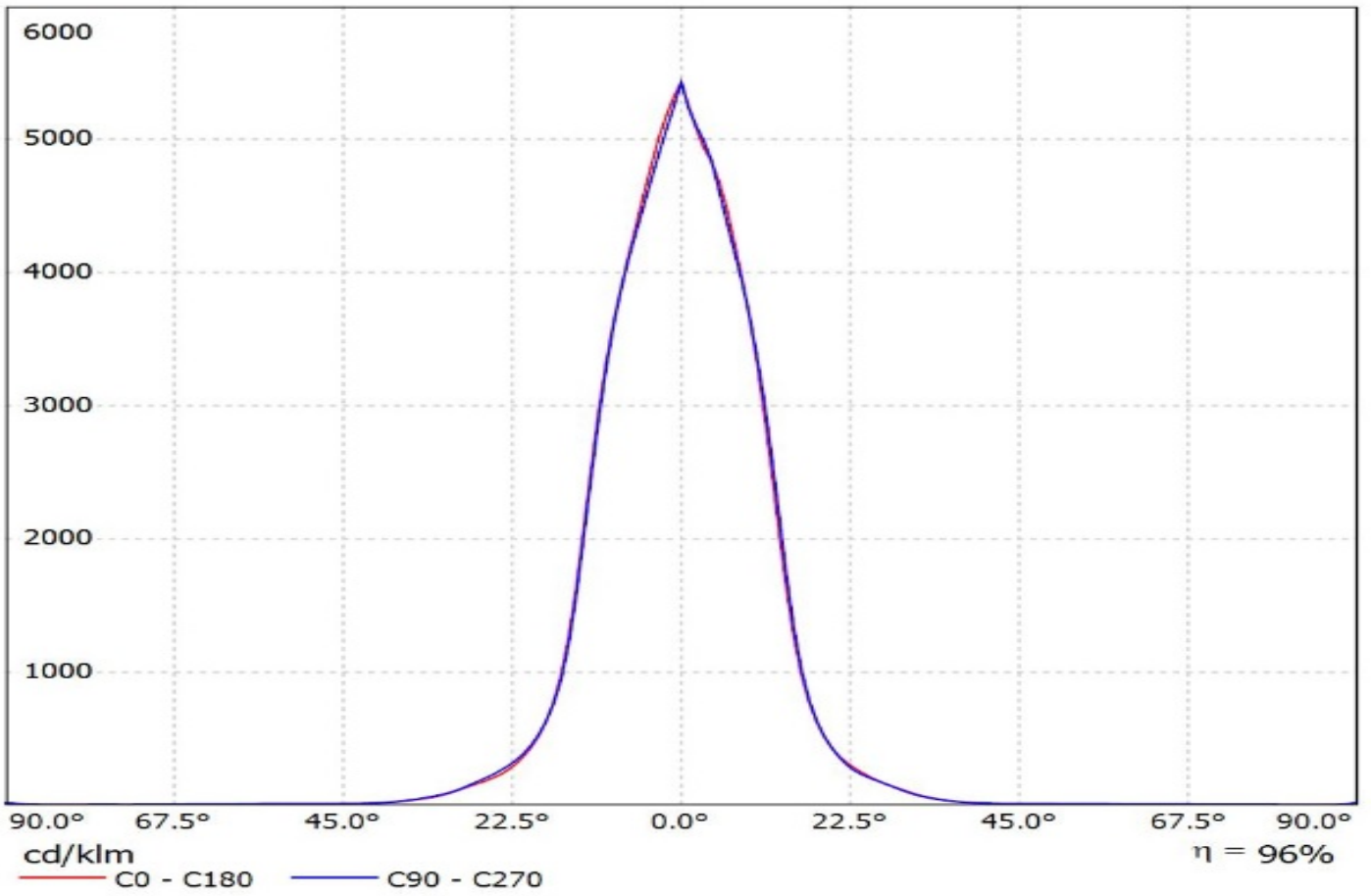


Ledil Oy C11717_Ana-40-7-M-RE-A Efficiency=84% / LDC (Linear)

Luminaire: Ledil Oy C11717_Ana-40-7-M-RE-A Efficiency=84%
Lamps: 1 x Luxeon-A 518lm 250mA

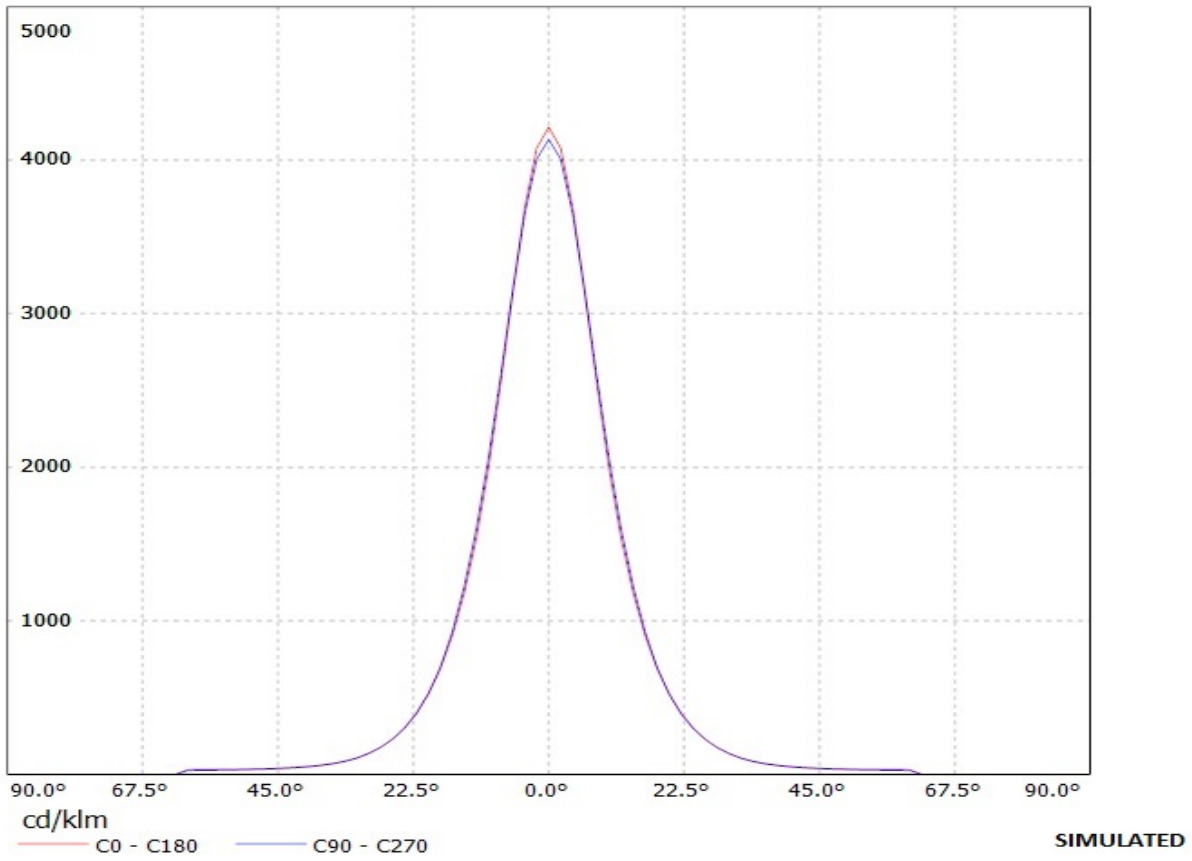


Luminaire: Ledil Oy C11717_ANNA-40-7-M_(Luxeon_TX)_SIMULATED
Lamps: 1 x Lumileds Luxeon TX



Ledil Oy C11718_Aнна-40-7-W-OSL C11718_Aнна-40-7-W-OSL / LDC (Linear)

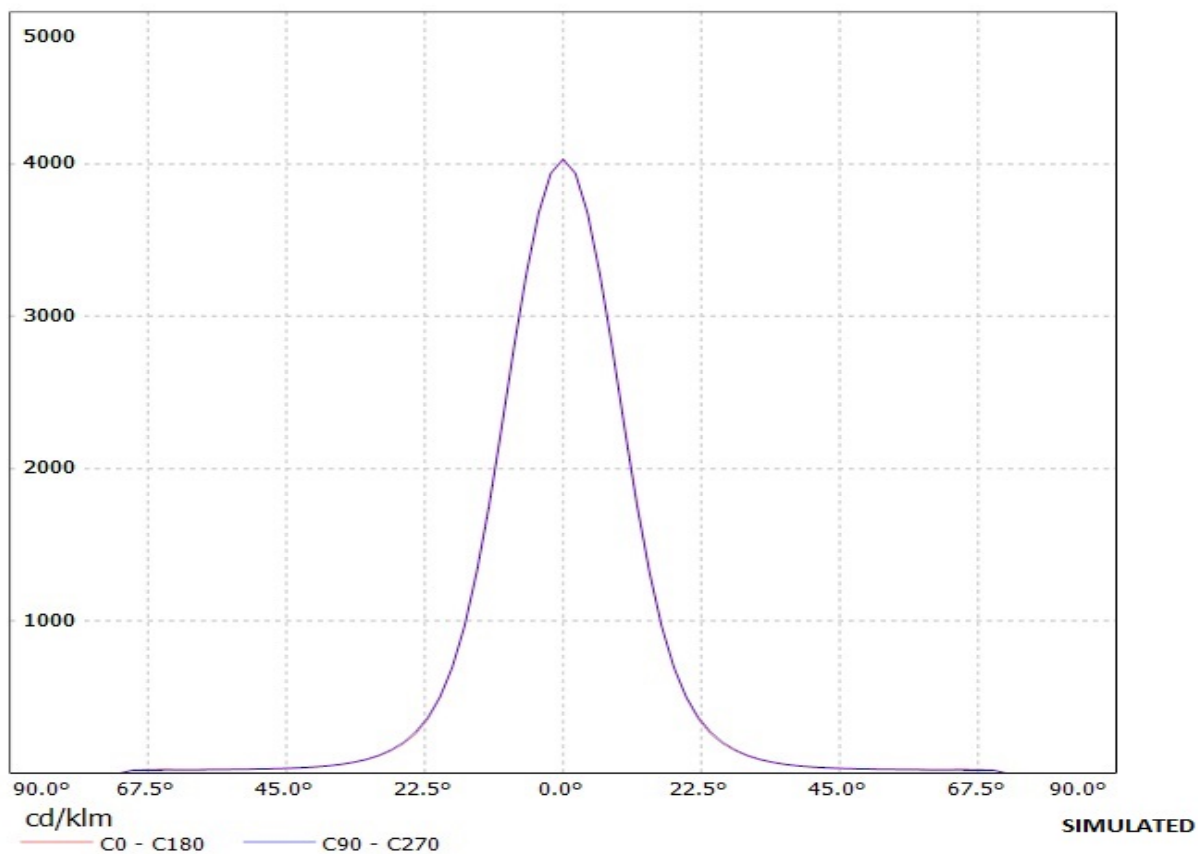
Luminaire: Ledil Oy C11718_Aнна-40-7-W-OSL C11718_Aнна-40-7-W-OSL
Lamps: 1 x Osram SSL 80



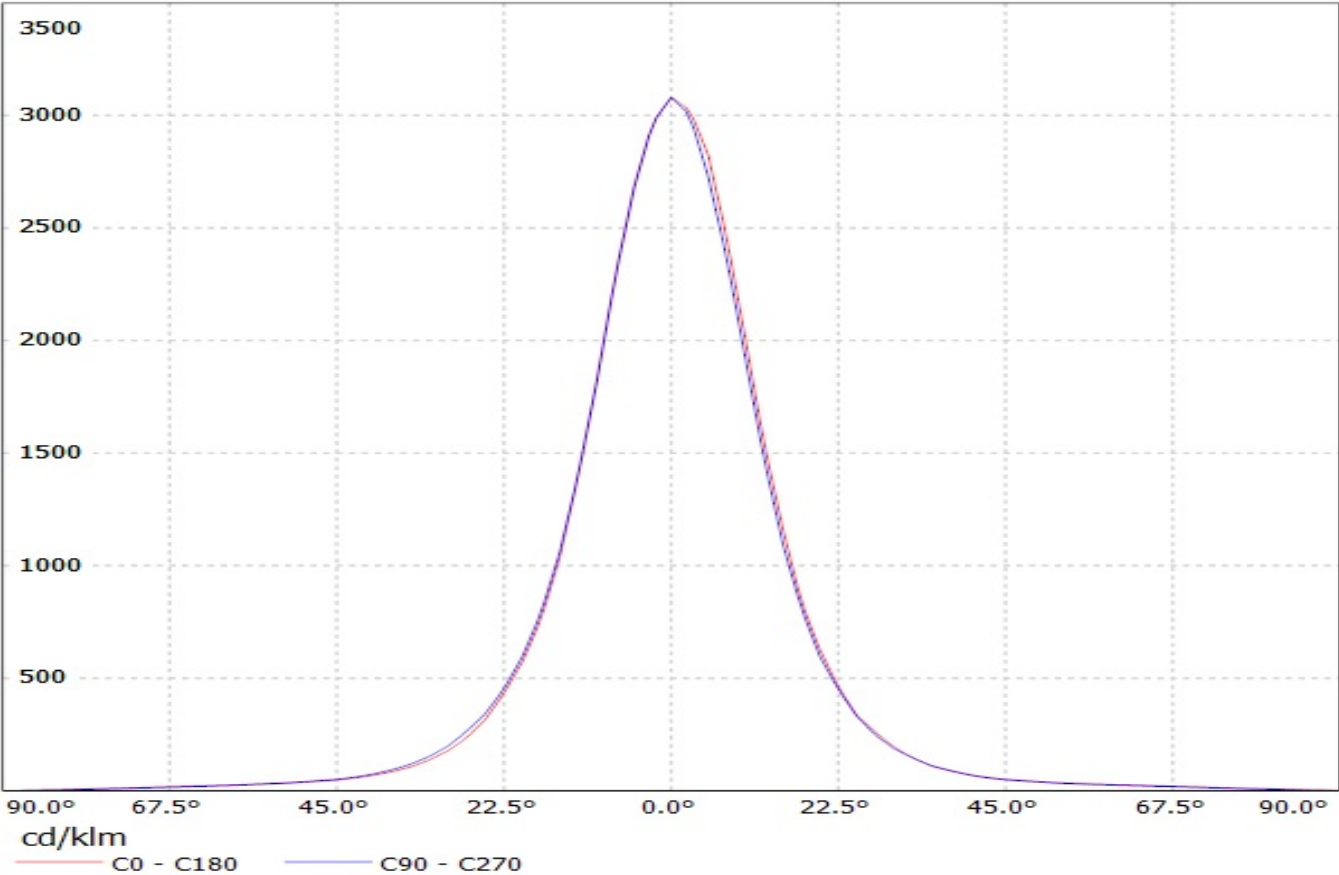
Ledil Oy C11717_Ann-40-7-M-OSL150 C11717_Ann-40-7-M-OSL150 / LDC (Linear)

Luminaire: Ledil Oy C11717_Ann-40-7-M-OSL150 C11717_Ann-40-7-M-OSL150

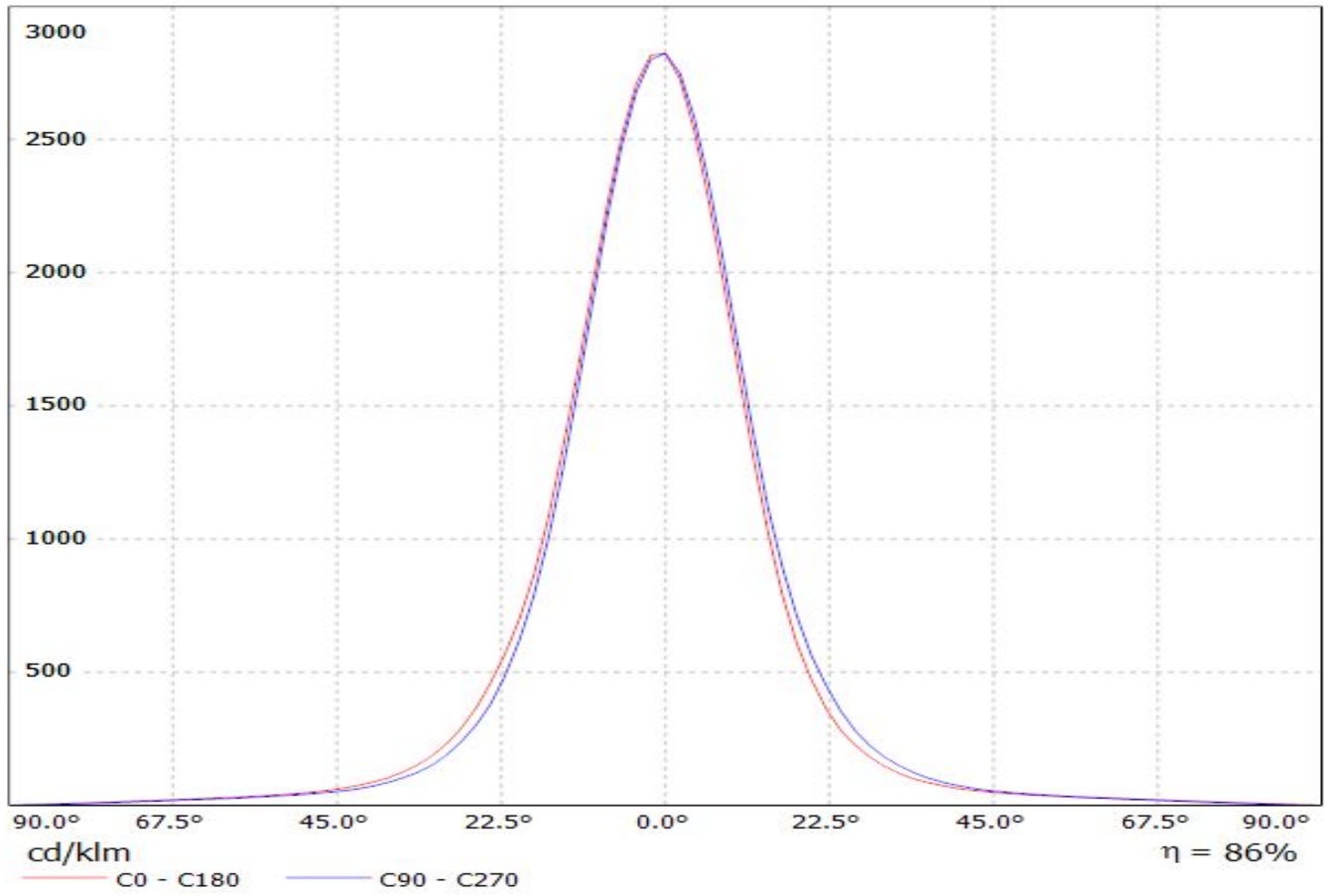
Lamps: 1 x Osram SSL 150



Luminaire: LEDil Oy C11717_ANNA-40-7-M_(DURIS_S5) Efficiency=85%
Lamps: 1 x Osram DURIS S5 (GW PSLPS1.EC) 497lm @ 100mA CCT=6300K P=4.3W I=100mA

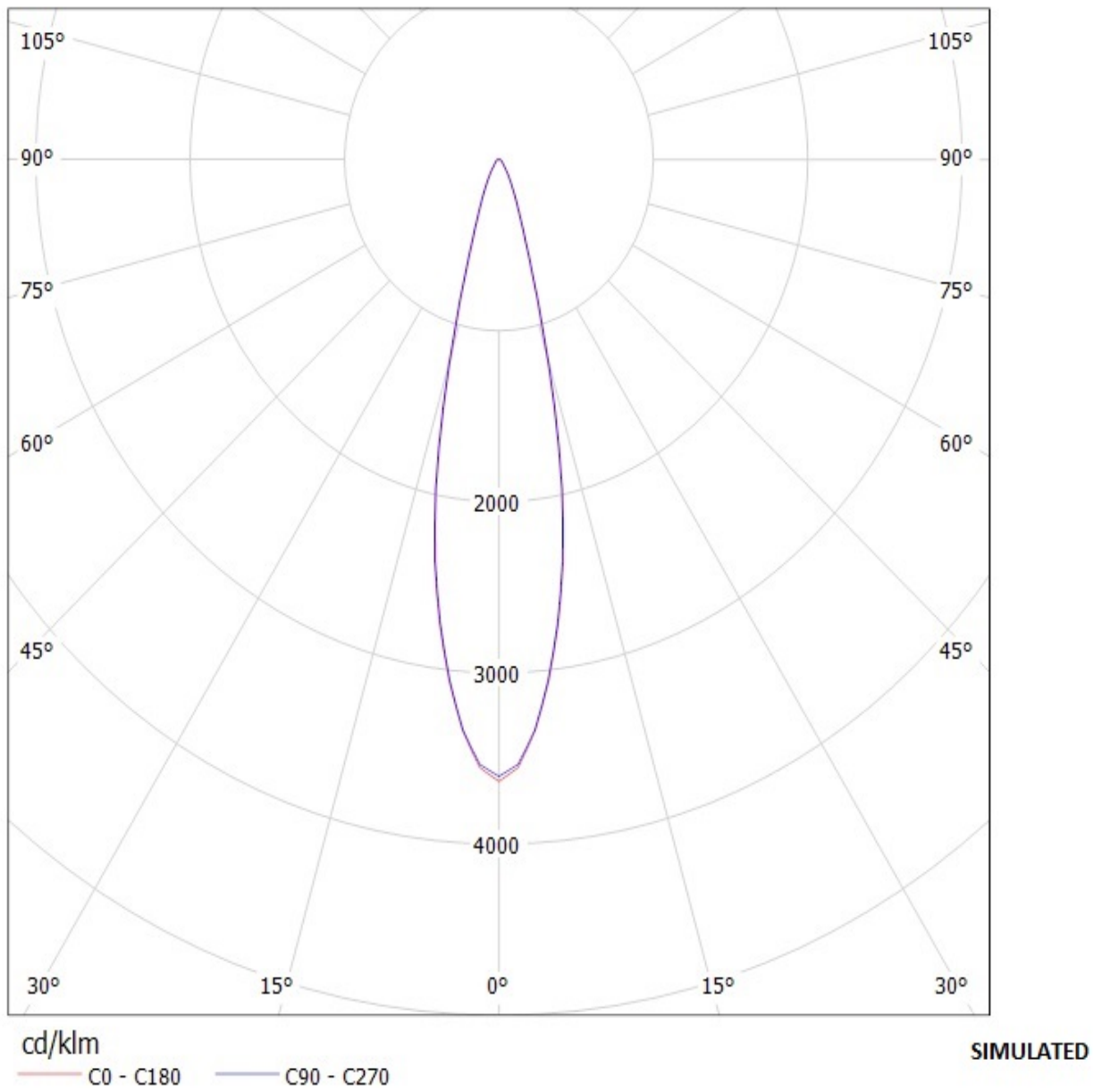


Luminaire: Ledil Oy C11717 Anna-40-7-M_(Z5M1) Efficiency=85%
Lamps: 1 x Seoul Z5M1 (Sz5-M1-WW-C8) 600lm @ 250mA CCT= P=5.00W I=250mA



Ledil Oy C11717_Ann-40-7-M-XP-G C11717_Ann-40-7-M-XP-G / LDC (Polar)

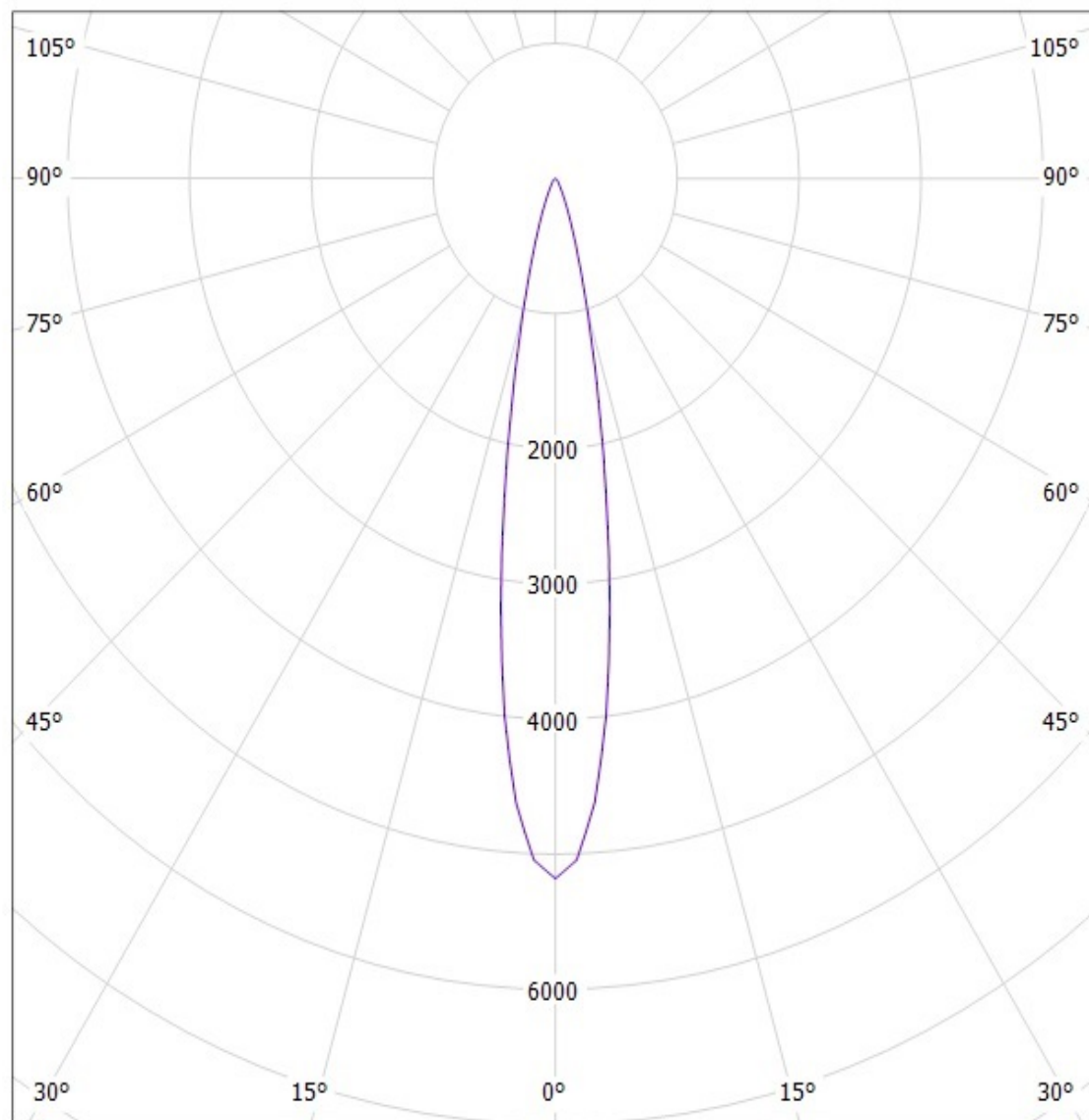
Luminaire: Ledil Oy C11717_Ann-40-7-M-XP-G C11717_Ann-40-7-M-XP-G
Lamps: 1 x Cree XP-G (White)



Ledil Oy C11717_AnnA-40-7-M-XP C11717_AnnA-40-7-M-XP / LDC (Polar)

Luminaire: Ledil Oy C11717_AnnA-40-7-M-XP C11717_AnnA-40-7-M-XP

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



cd/klm

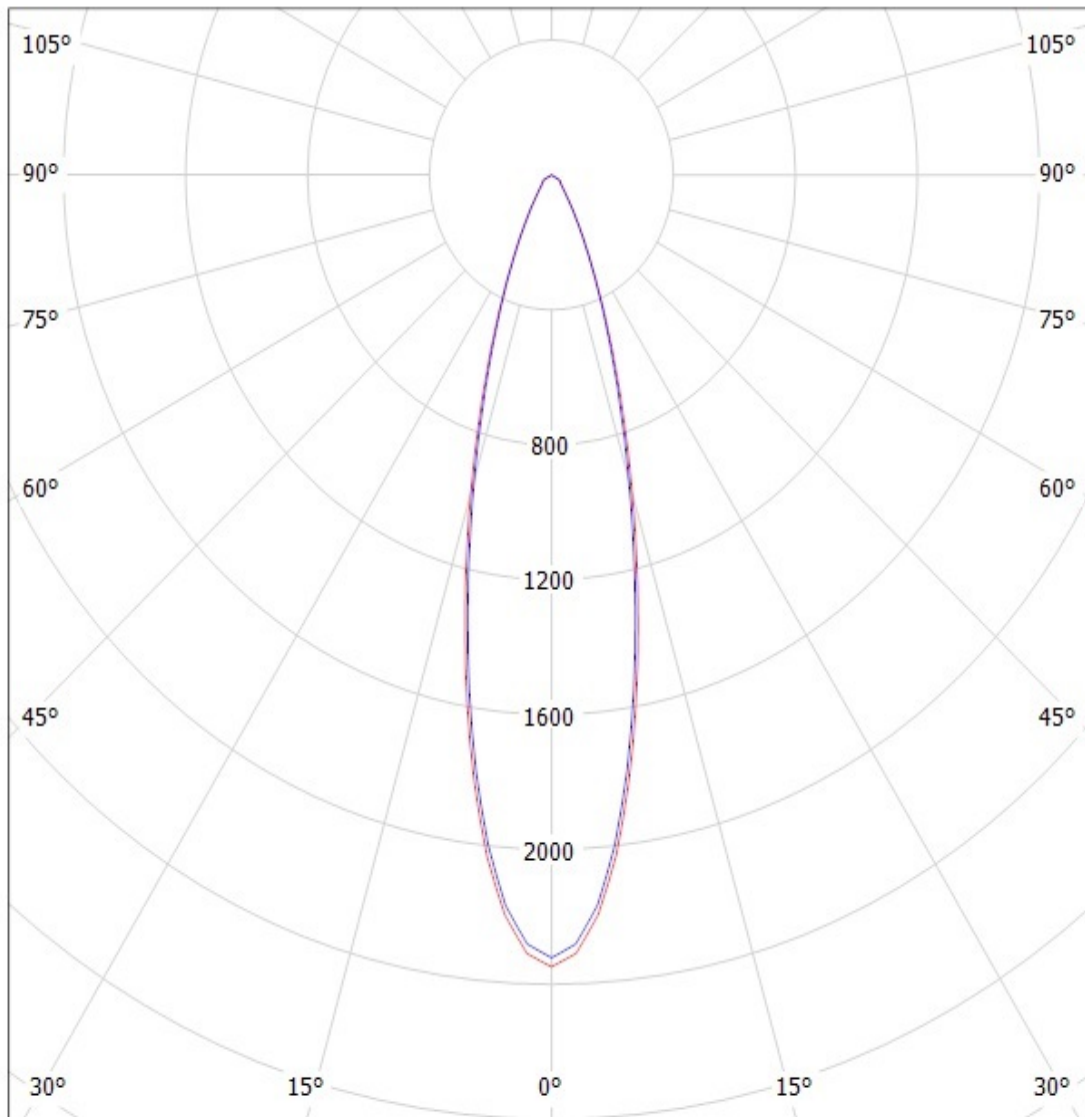
— C0 - C180 — C90 - C270

SIMULATED

Ledil Oy C11717-Anna-40-7-M-RE-ES C11717-Anna-40-7-M-RE-ES / LDC (Polar)

Luminaire: Ledil Oy C11717-Anna-40-7-M-RE-ES C11717-Anna-40-7-M-RE-ES

Lamps: 1 x Luxeon Rebel ES (white)



cd/klm

— C0 - C180

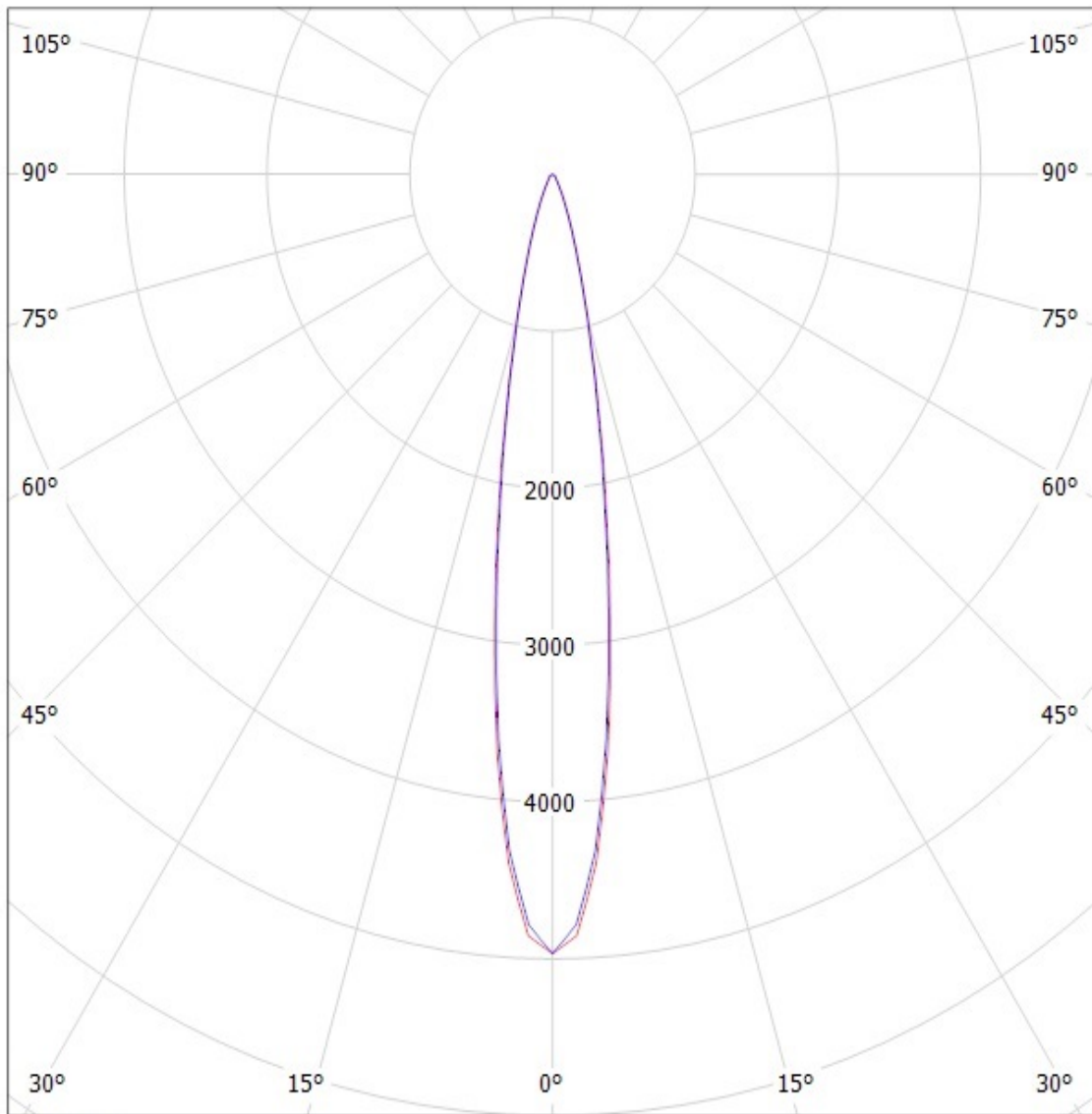
— C90 - C270

SIMULATED

Ledil Oy C11717_Ana-40-7-M-RE C11717_Ana-40-7-M-RE / LDC (Polar)

Luminaire: Ledil Oy C11717_Ana-40-7-M-RE C11717_Ana-40-7-M-RE

Lamps: 1 x Luxeon Rebel (white) 565



cd/klm

— C0 - C180

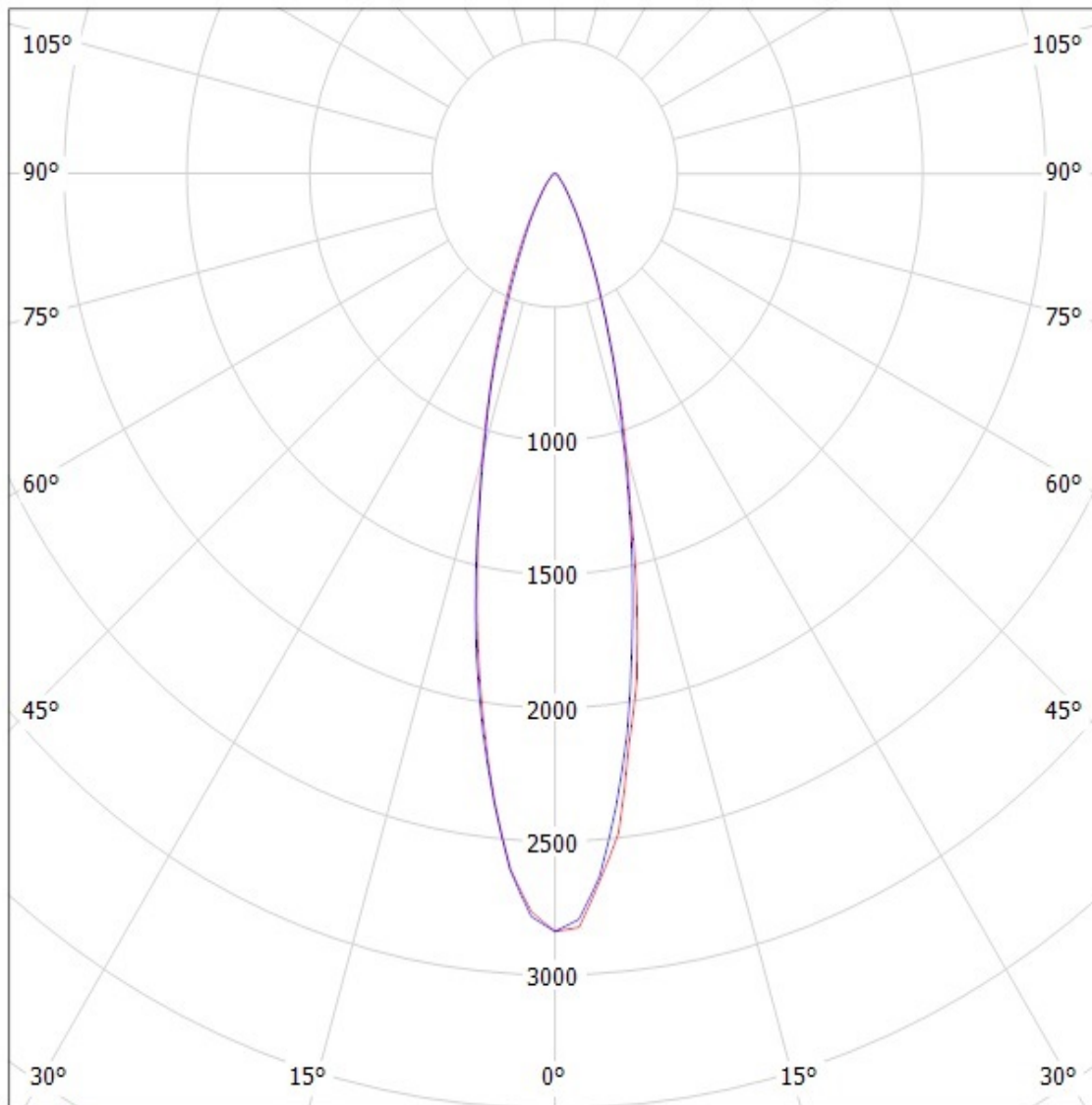
— C90 - C270

SIMULATED

Ledil Oy C11717_AnnA-40-7-M-RE-A Efficiency=84% / LDC (Polar)

Luminaire: Ledil Oy C11717_AnnA-40-7-M-RE-A Efficiency=84%

Lamps: 1 x Luxeon-A 518lm 250mA

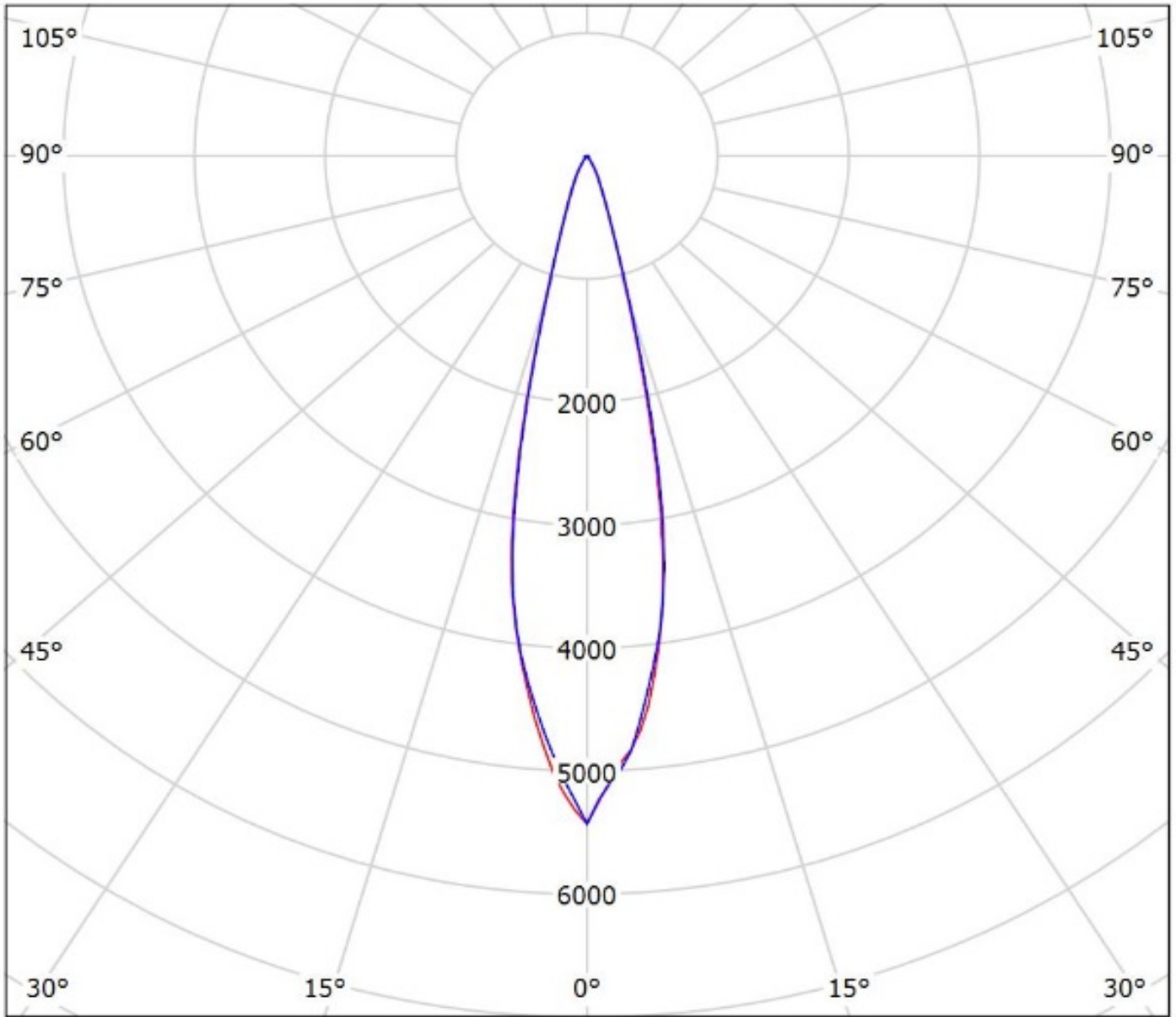


cd/klm

— C0 - C180 — C90 - C270

SIMULATED

Luminaire: Ledil Oy C11717_ANNA-40-7-M_(Luxeon_TX)_SIMULATED
Lamps: 1 x Lumileds Luxeon TX

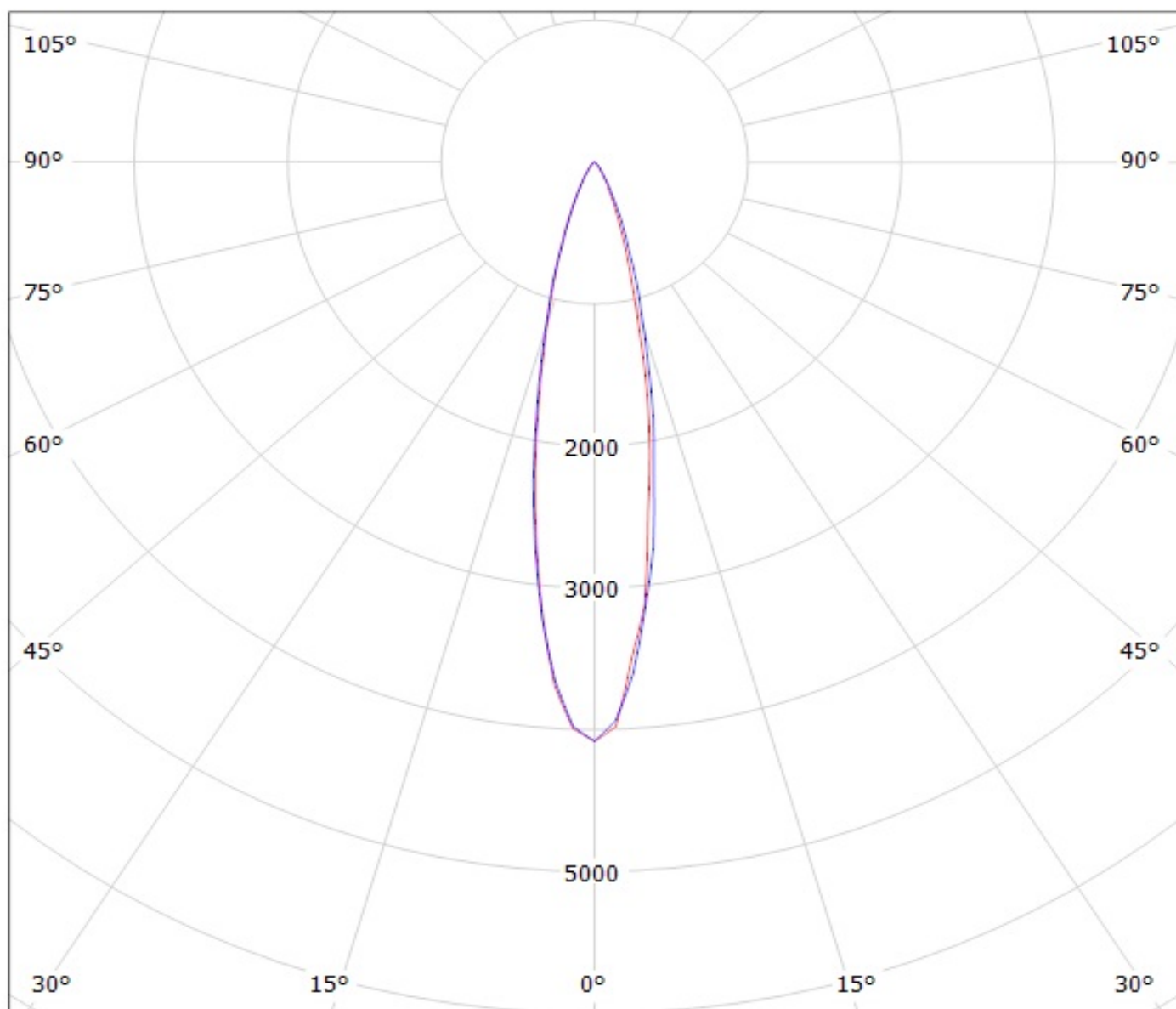


cd/klm

— C0 - C180 — C90 - C270

$\eta = 96\%$

Luminaire: Ledil Oy C11717_ANNA-40-7-M-757 (Nichia 757 226lm @ 100mA) LOR=90%
Lamps: 1 x Nichia 757 226lm @ 100mA



cd/klm

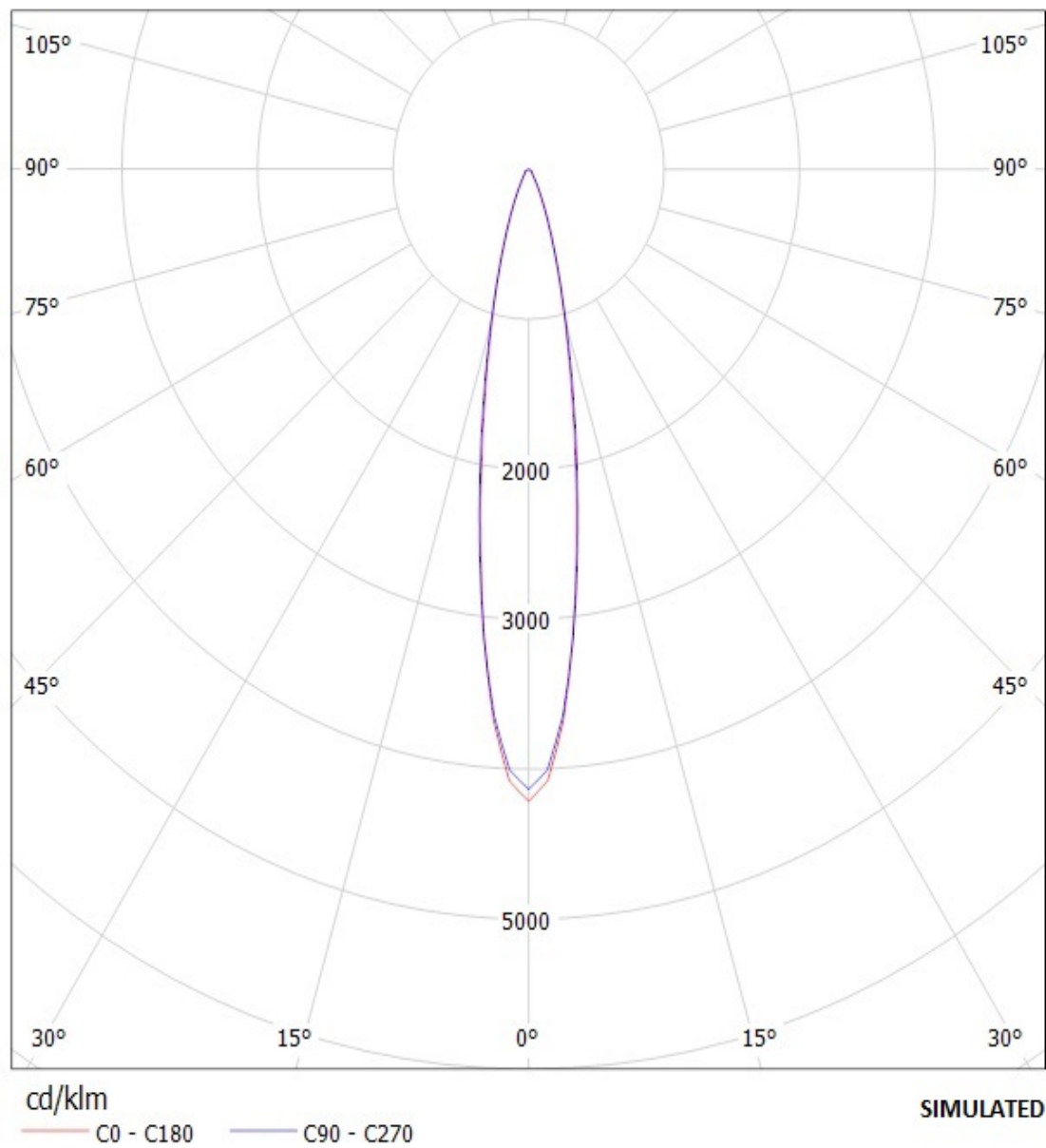
— C0 - C180

— C90 - C270

Ledil Oy C11718_Aнна-40-7-W-OSL C11718_Aнна-40-7-W-OSL / LDC (Polar)

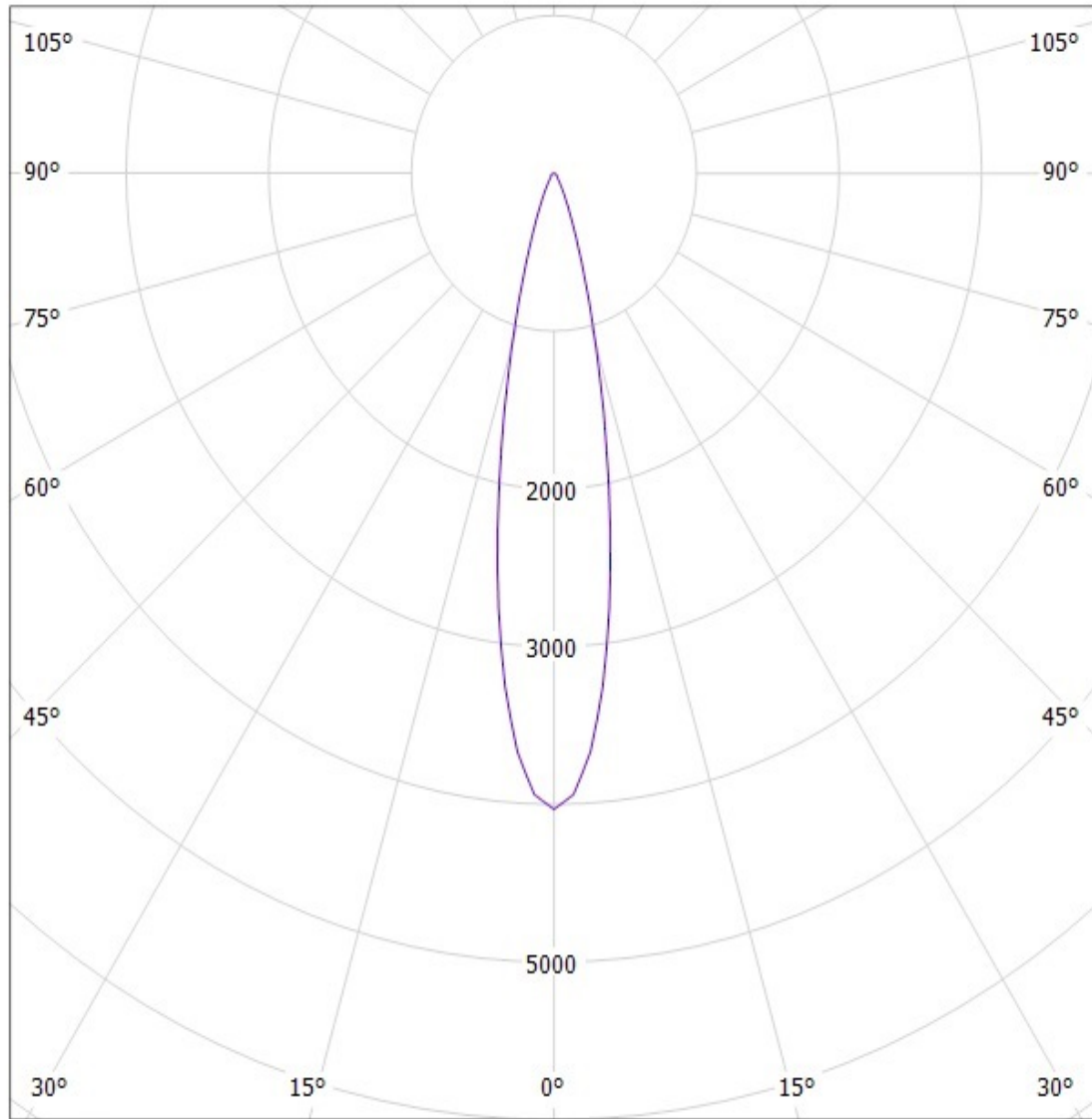
Luminaire: Ledil Oy C11718_Aнна-40-7-W-OSL C11718_Aнна-40-7-W-OSL

Lamps: 1 x Osram SSL 80



Ledil Oy C11717_Ann-40-7-M-OSL150 C11717_Ann-40-7-M-OSL150 / LDC (Polar)

Luminaire: Ledil Oy C11717_Ann-40-7-M-OSL150 C11717_Ann-40-7-M-OSL150
Lamps: 1 x Osram SSL 150

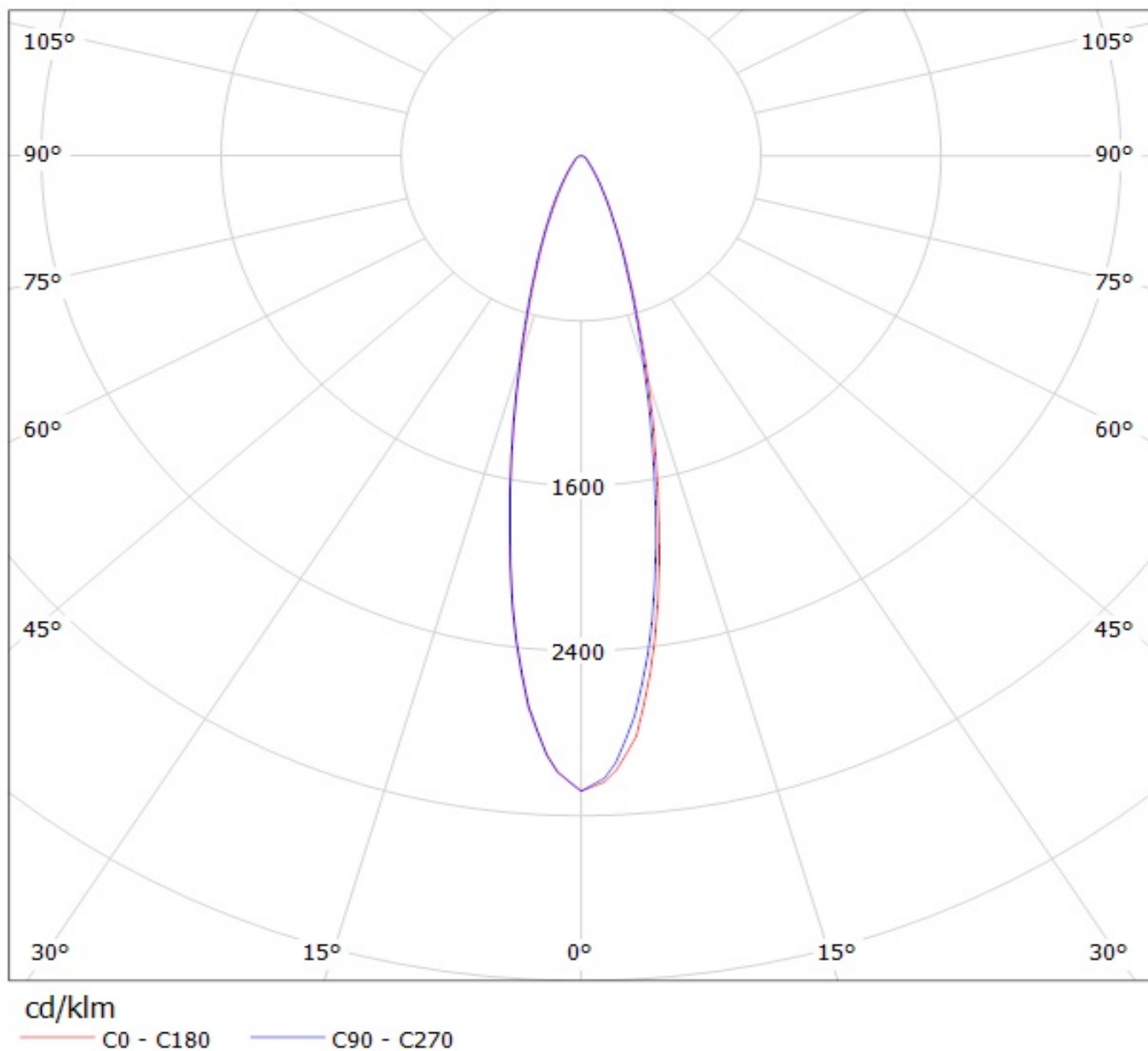


cd/klm

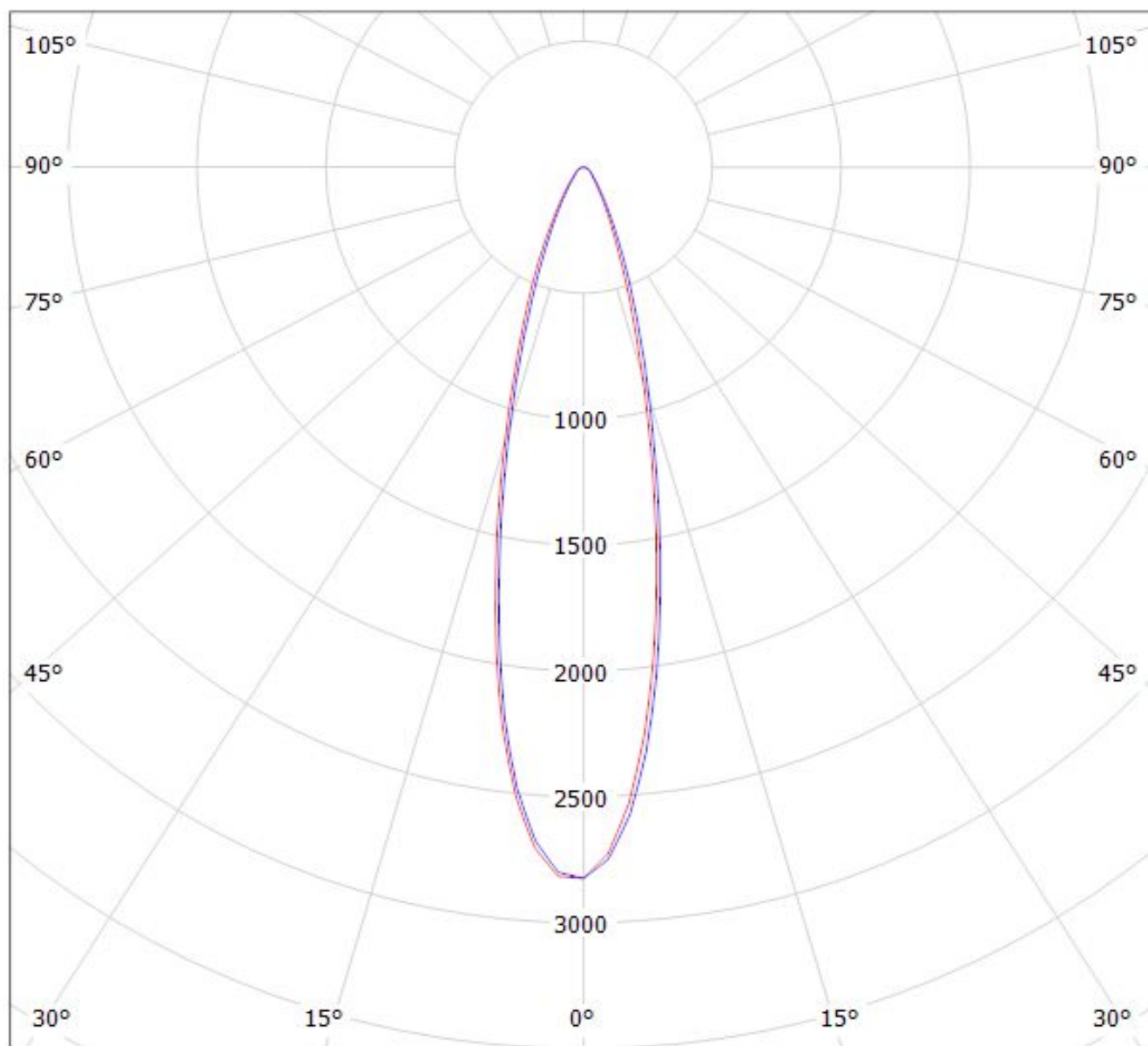
— C0 - C180 — C90 - C270

SIMULATED

Luminaire: LEDil Oy C11717_ANNA-40-7-M_(DURIS_S5) Efficiency=85%
Lamps: 1 x Osram DURIS S5 (GW PSLPS1.EC) 497lm @ 100mA CCT=6300K P=4.3W I=100mA



Luminaire: Ledil Oy C11717 Anna-40-7-M_(Z5M1) Efficiency=85%
Lamps: 1 x Seoul Z5M1 (Sz5-M1-WW-C8) 600lm @ 250mA CCT= P=5.00W I=250mA



cd/klm

— C0 - C180 — C90 - C270

$\eta = 86\%$

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.