

DETAILS

Product Number	C11795_ANNA-40-4-W
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	Efficiency	cd/lm	Connector
	Angle	Beam			
XP-G	36 deg	Wide	87 %	2.000	-
XP-E	36 deg	Wide	87 %	1.600	-
XB-D	29 deg	Wide	85 %	2.170	-
LUXEON Rebel	30 deg	Wide	86 %	1.900	-
LUXEON Rebel ES	29 deg	Wide	86 %	2.200	-
LUXEON A	33 deg	Wide	82 %	1.680	-
NCSxx19A	28 deg	Wide	86 %	2.000	-
NVSxx19A	33 deg	Wide	86 %	1.500	-
Oslon SSL 80	26 deg	Wide	87 %	2.400	-
Oslon SSL 150	34 deg	Wide	89 %	2.000	-
Duris S5 (2 chip)	26 deg	Wide	88 %	2.900	-

D

C

B

A

4

4

3

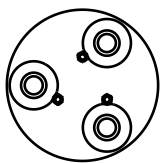
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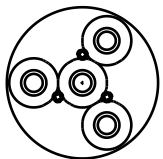
2

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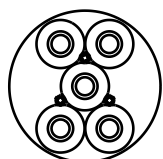
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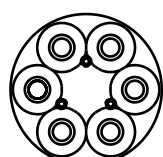
Anna-3



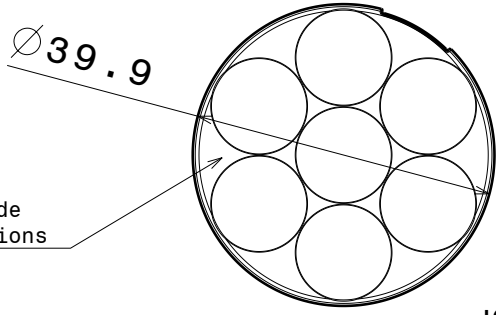
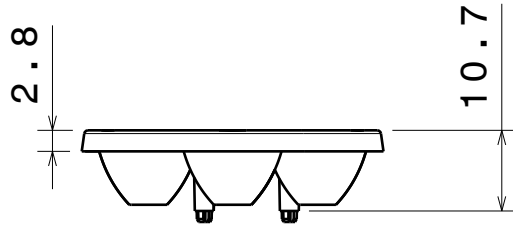
Anna-4



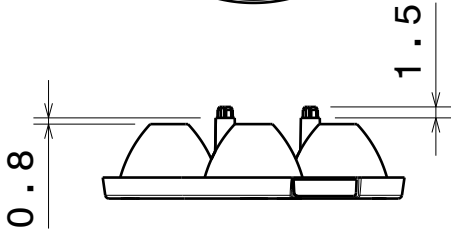
Anna-5



Anna-6

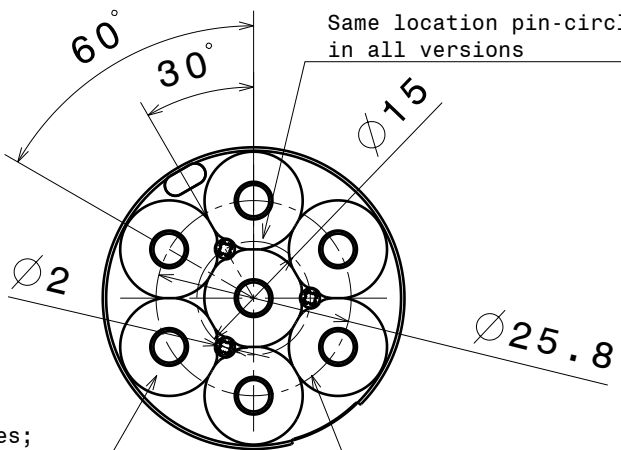


Anna-7



Same top side in all versions

Same location pin-circle in all versions



Same led-circle in all versions

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

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 e i n 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

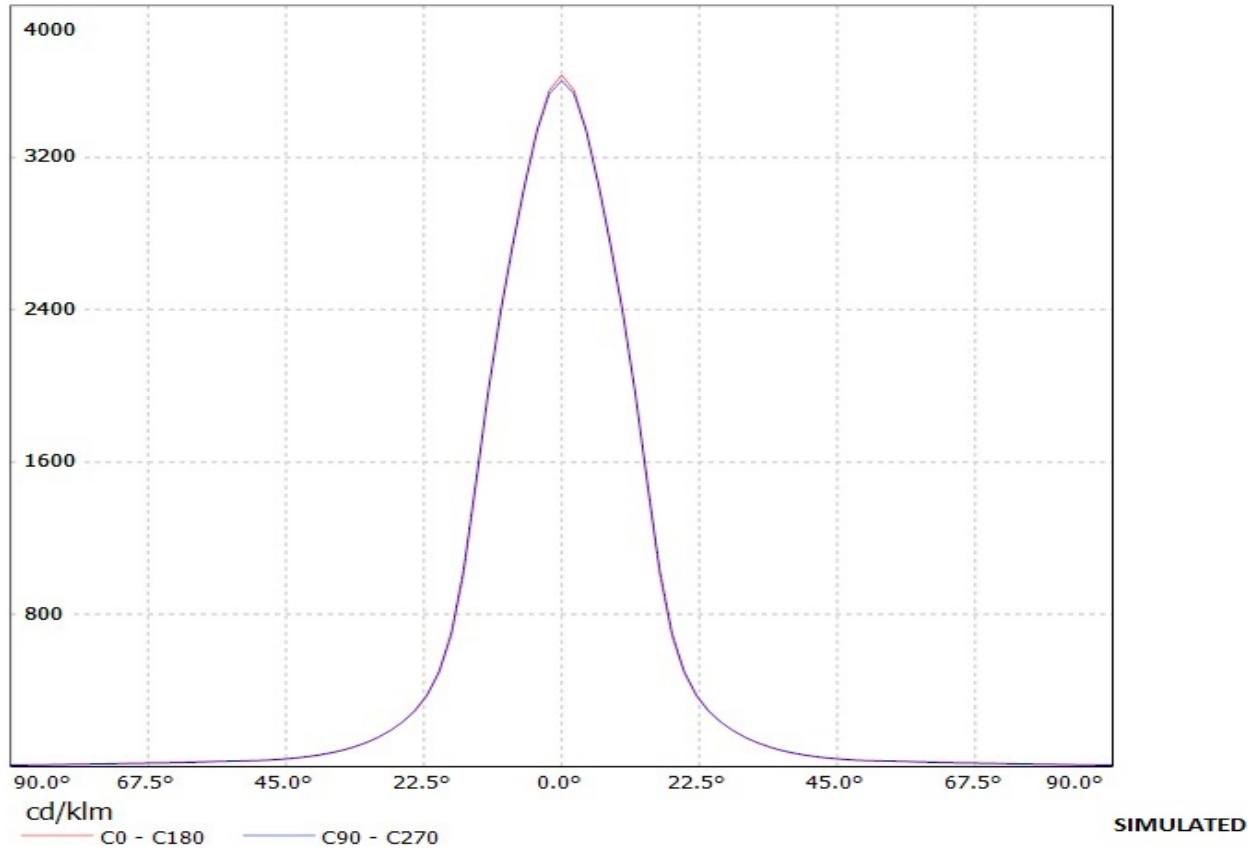
SIZE A4	DRAWING NUMBER -	REV 1
SCALE 1:1	WEIGHT (g)	SHEET 1/1

D

A

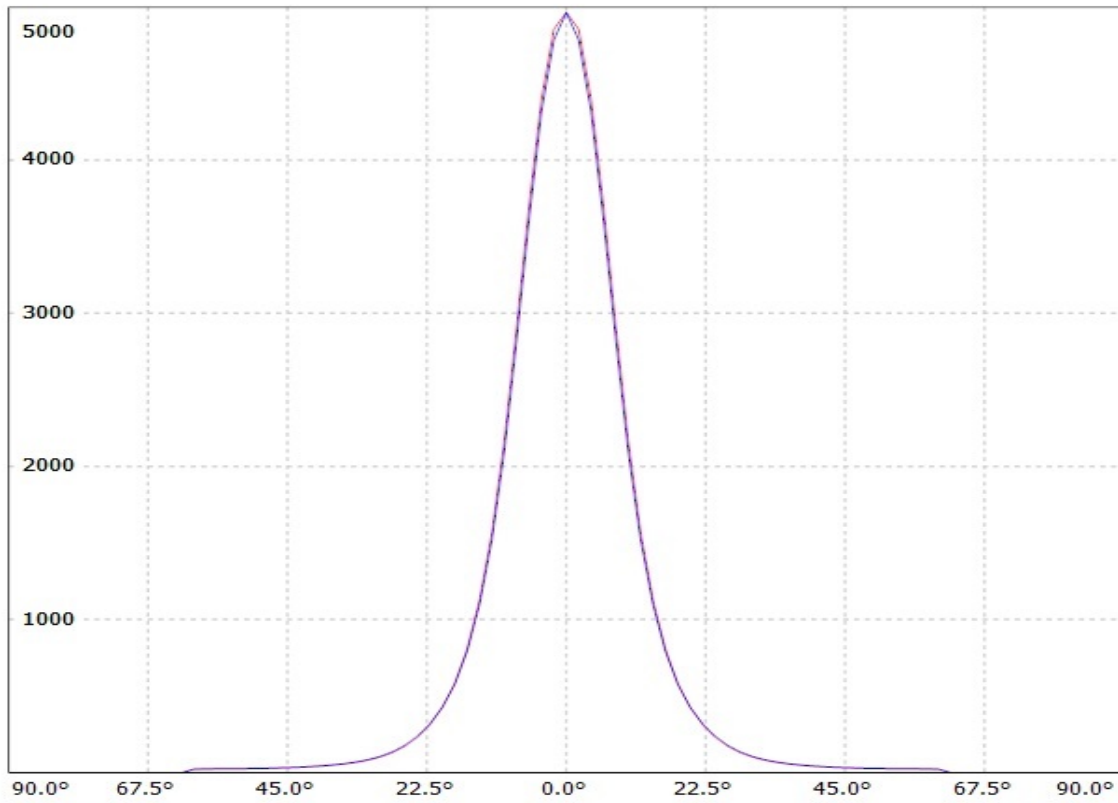
Ledil Oy C11806_Anna-40-6-M-XP-G C11806_Anna-40-6-M-XP-G / LDC (Linear)

Luminaire: Ledil Oy C11806_Anna-40-6-M-XP-G C11806_Anna-40-6-M-XP-G
Lamps: 1 x Cree XP-G (White)



Ledil Oy C11806_AnnA-40-6-M-RE C11806_AnnA-40-6-M-RE / LDC (Linear)

Luminaire: Ledil Oy C11806_AnnA-40-6-M-RE C11806_AnnA-40-6-M-RE
Lamps: 1 x Luxeon Rebel (white) 482



cd/klm

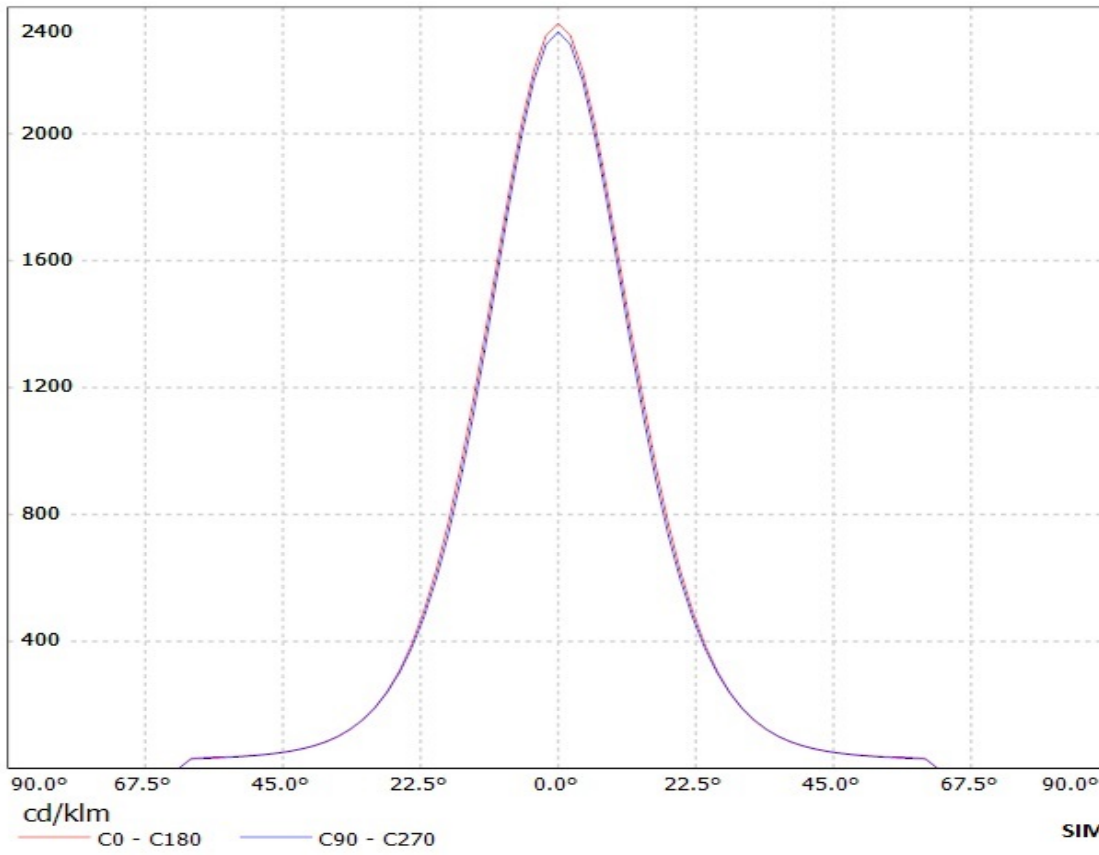
— C0 - C180

— C90 - C270

SIMULATED

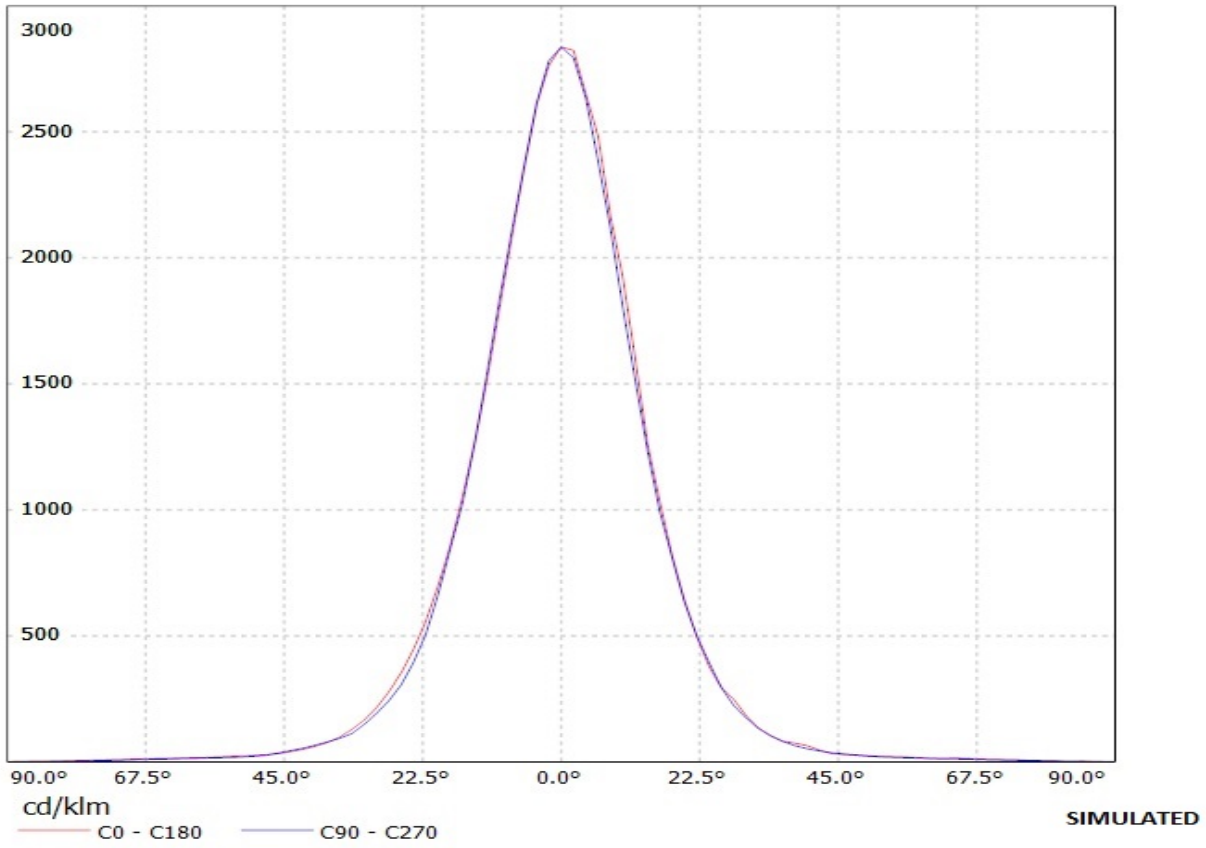
Ledil Oy C11806_AnnA-40-6-M-RE-ES C11806_AnnA-40-6-M-RE-ES / LDC (Linear)

Luminaire: Ledil Oy C11806_AnnA-40-6-M-RE-ES C11806_AnnA-40-6-M-RE-ES
Lamps: 1 x Luxeon Rebel ES (white)



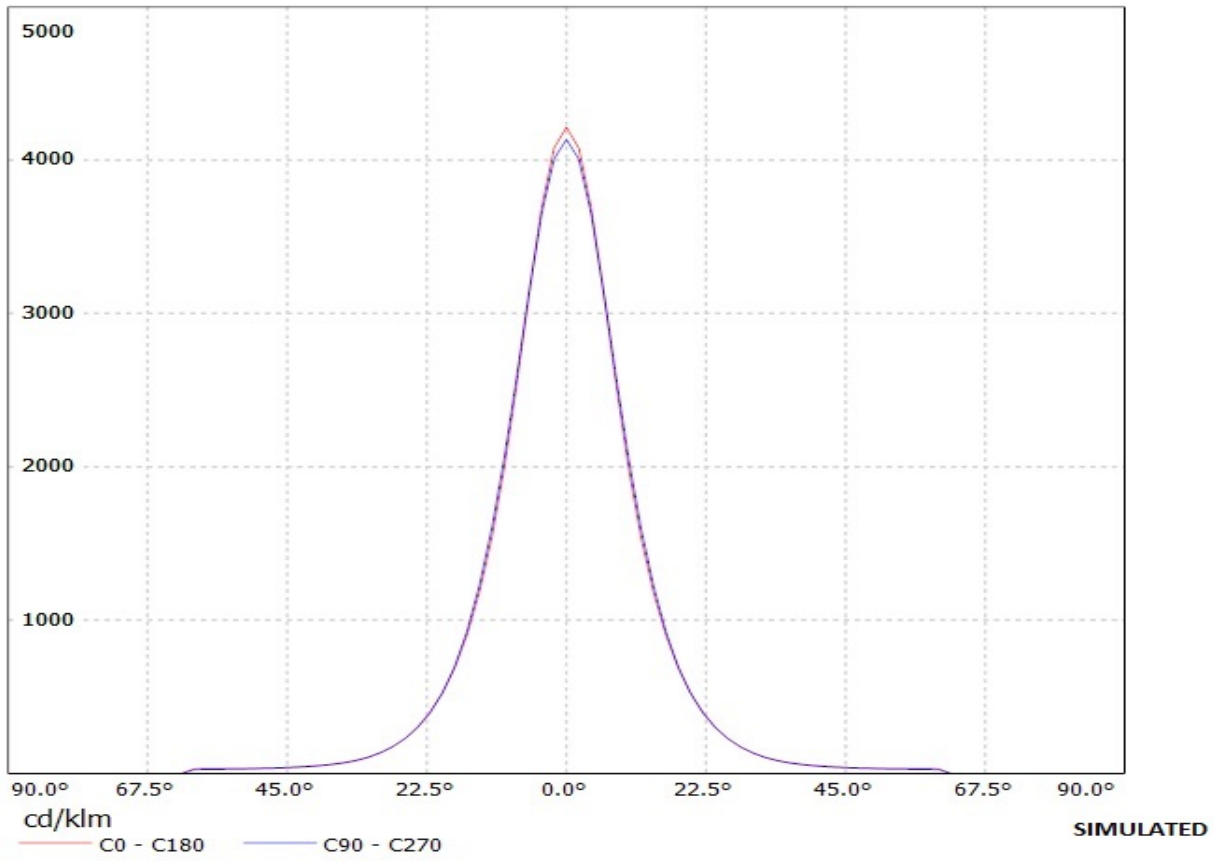
Ledil Oy C11806_AnnA-40-6-M-RE-A Efficiency=84% / LDC (Linear)

Luminaire: Ledil Oy C11806_AnnA-40-6-M-RE-A Efficiency=84%
Lamps: 1 x Luxeon-A 444lm 250mA



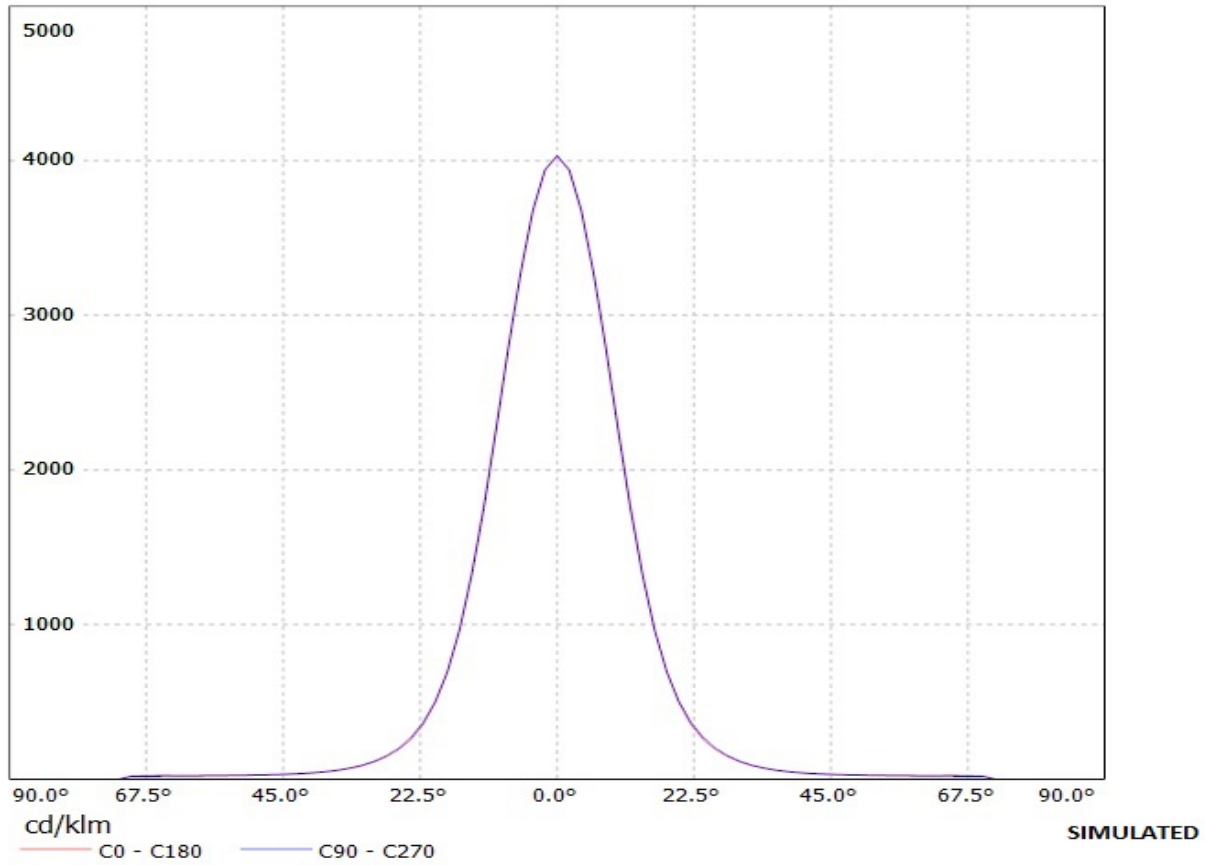
Ledil Oy C11806_Aнна-40-6-M-OSL C11806_Aнна-40-6-M-OSL / LDC (Linear)

Luminaire: Ledil Oy C11806_Aнна-40-6-M-OSL C11806_Aнна-40-6-M-OSL
Lamps: 1 x Osram SSL 80

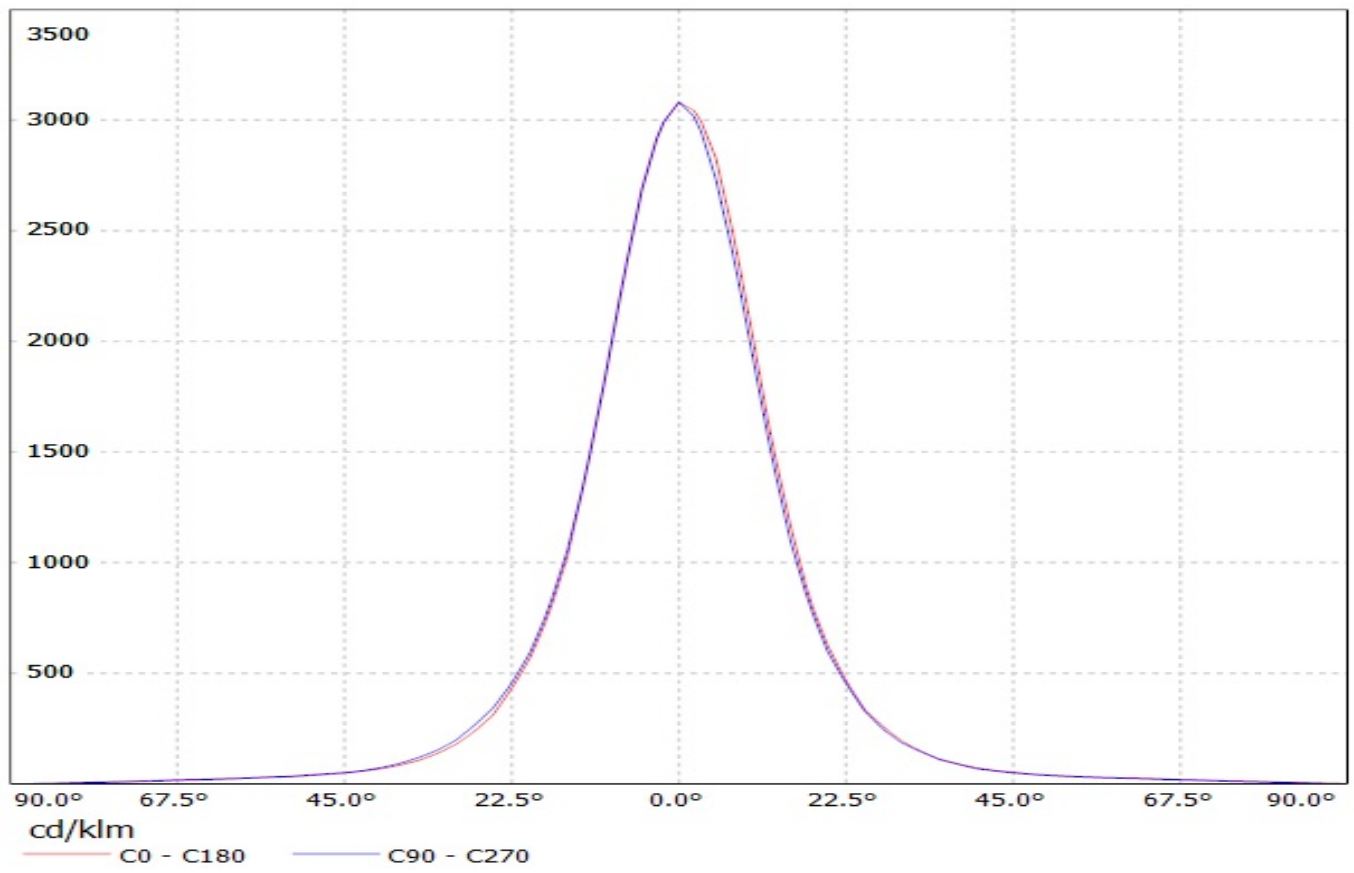


Ledil Oy C11806_AnnA-40-6-M-OSL150 C11806_AnnA-40-6-M-OSL150 / LDC (Linear)

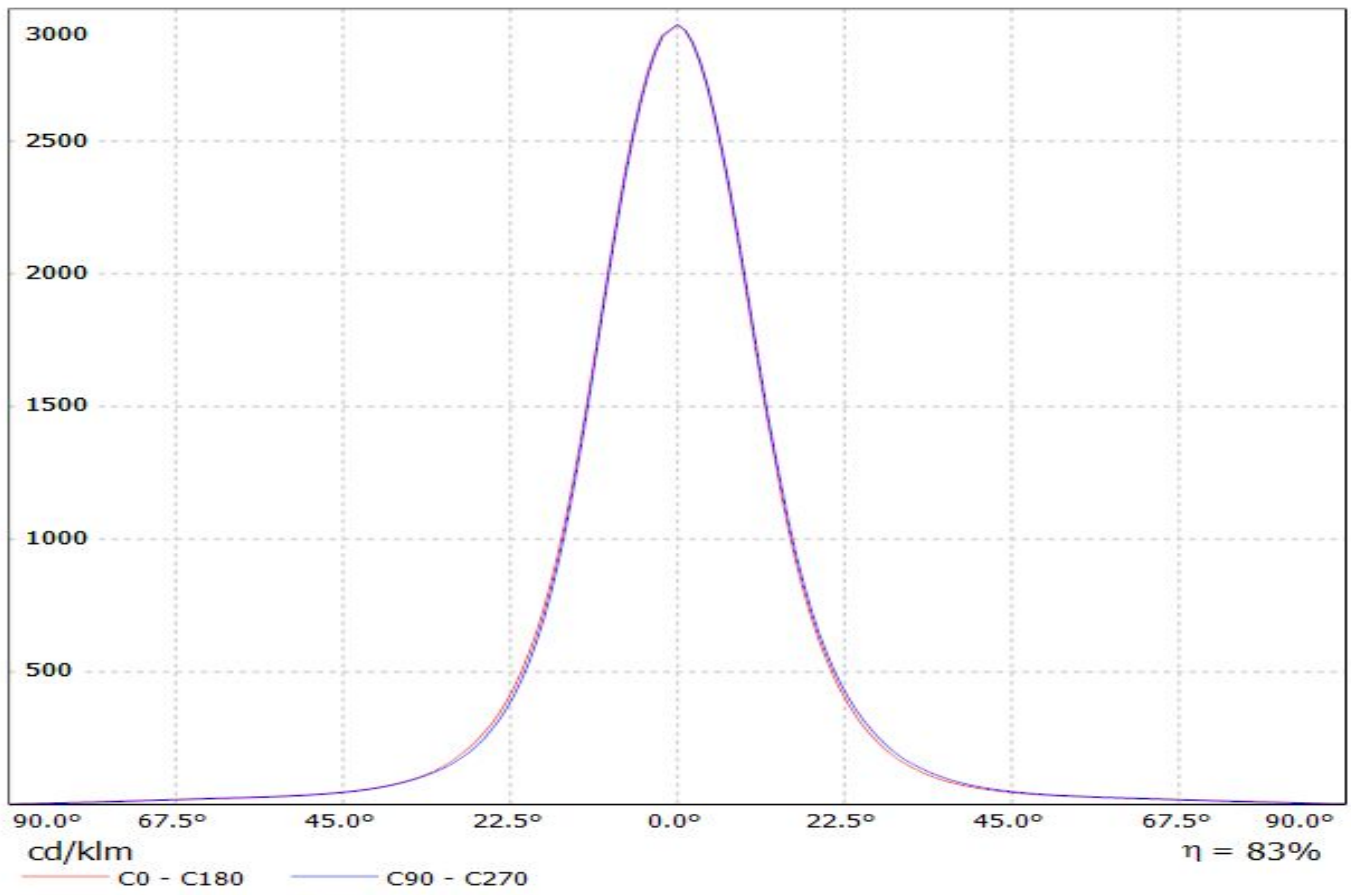
Luminaire: Ledil Oy C11806_AnnA-40-6-M-OSL150 C11806_AnnA-40-6-M-OSL150
Lamps: 1 x Osram SSL 150



Luminaire: LEDil Oy C11806_ANNA-40-6-M_(DURIS_S5) Efficiency=85%
Lamps: 1 x Osram DURIS S5 (GW PSLPS1.EC) 426lm @ 100mA CCT=6300K P=3.7W I=100mA

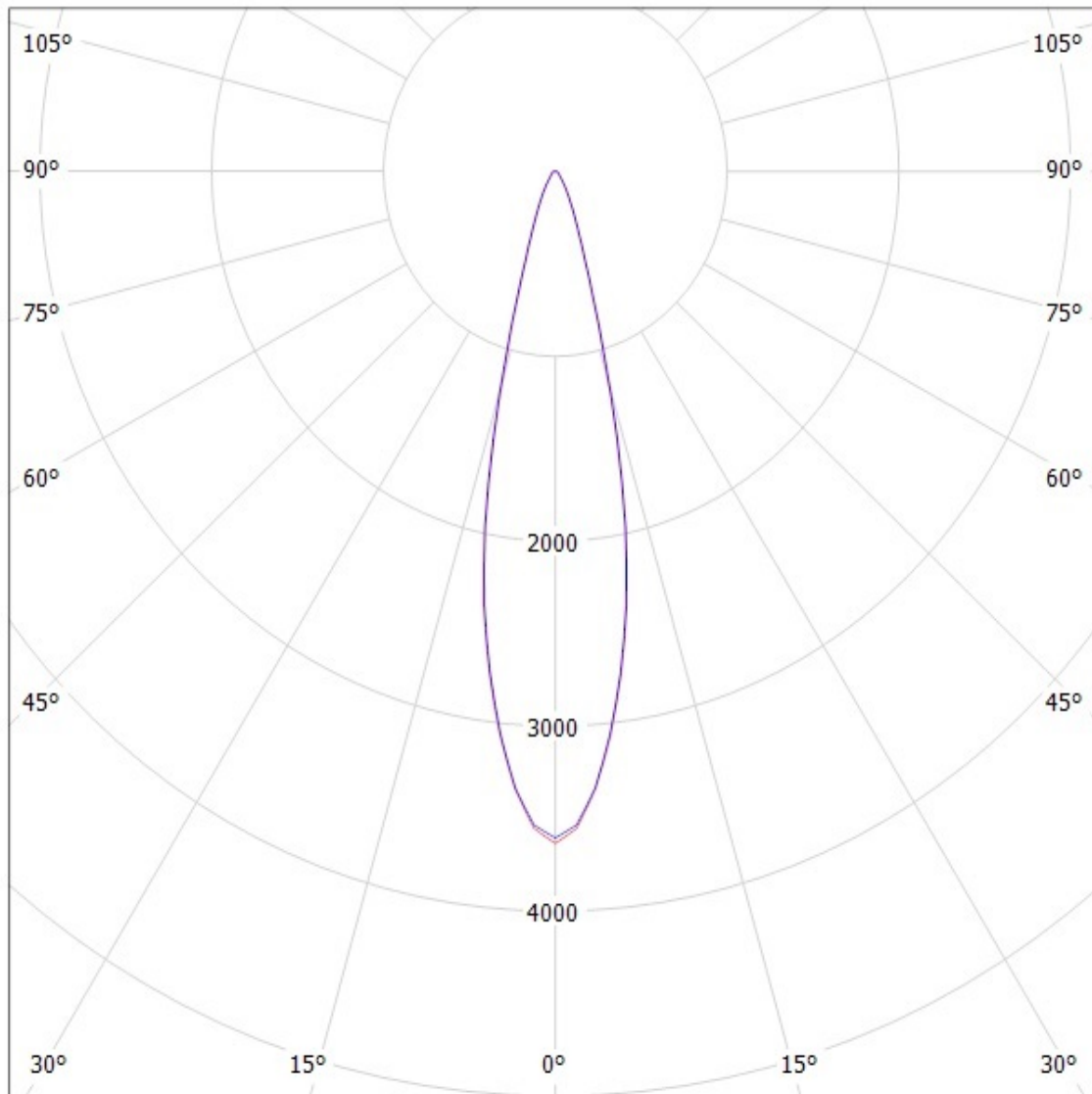


Luminaire: LEDiL Oy C11806_ANNA-40-6-M_(SEOUL_Z5M) Eff.83.2%
Lamps: 1 x SEOUL_Z5M (526.235lm@250mA)



Ledil Oy C11806_AnnA-40-6-M-XP-G C11806_AnnA-40-6-M-XP-G / LDC (Polar)

Luminaire: Ledil Oy C11806_AnnA-40-6-M-XP-G C11806_AnnA-40-6-M-XP-G
Lamps: 1 x Cree XP-G (White)



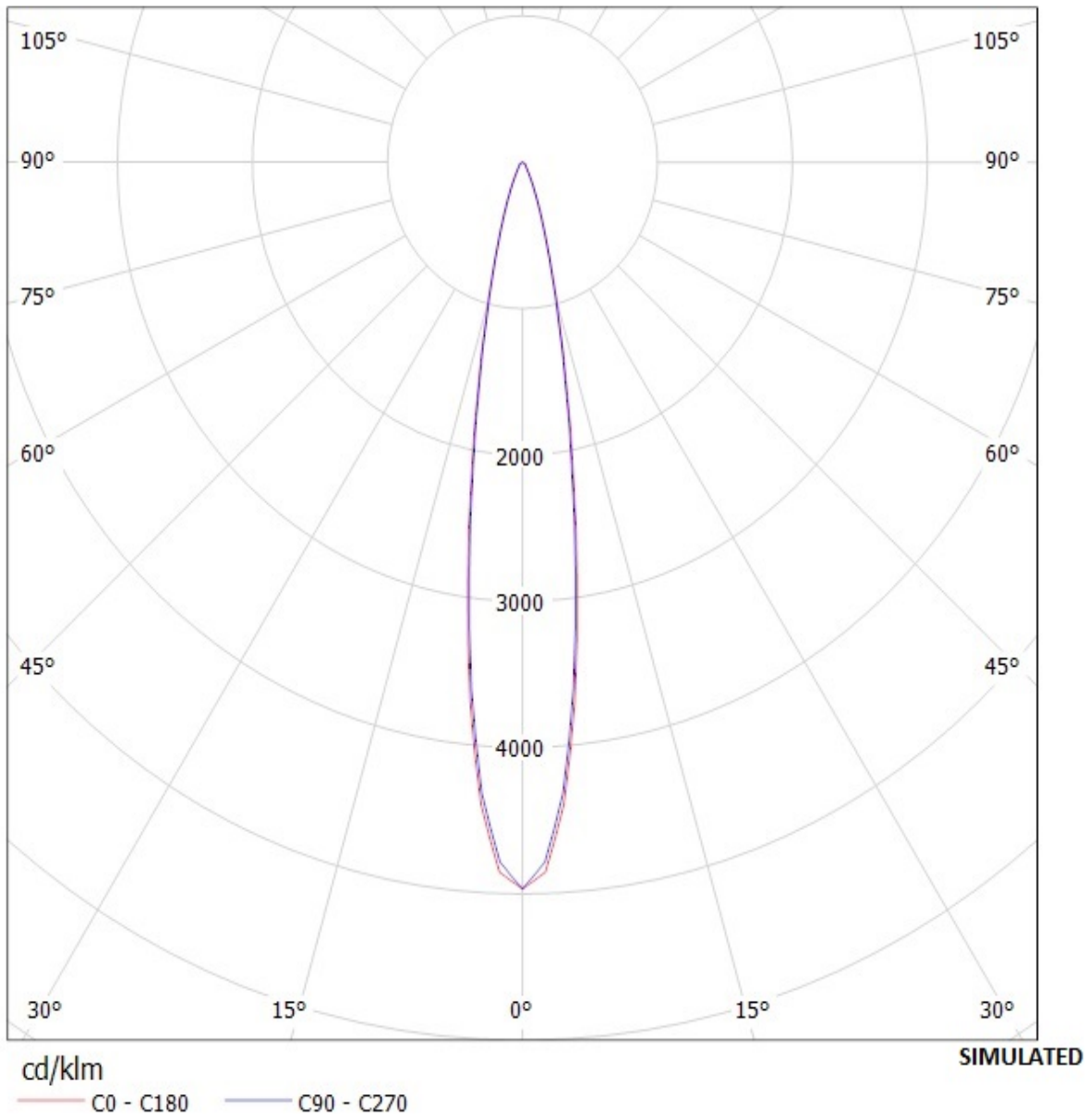
cd/klm

— C0 - C180 — C90 - C270

SIMULATED

Ledil Oy C11806_Aнна-40-6-M-RE C11806_Aнна-40-6-M-RE / LDC (Polar)

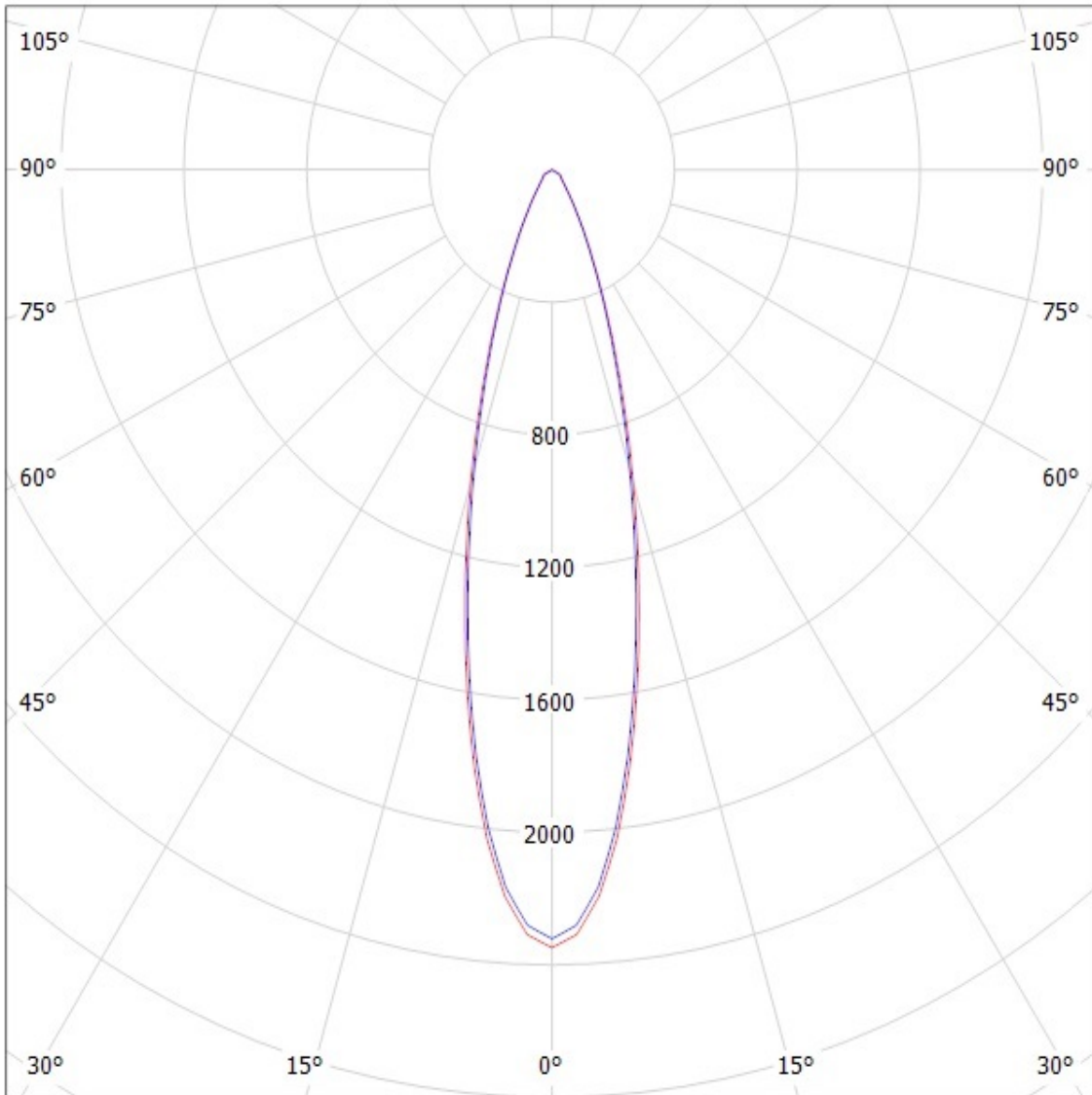
Luminaire: Ledil Oy C11806_Aнна-40-6-M-RE C11806_Aнна-40-6-M-RE
Lamps: 1 x Luxeon Rebel (white) 482



Ledil Oy C11806_Ann4-40-6-M-RE-ES C11806_Ann4-40-6-M-RE-ES / LDC (Polar)

Luminaire: Ledil Oy C11806_Ann4-40-6-M-RE-ES C11806_Ann4-40-6-M-RE-ES

Lamps: 1 x Luxeon Rebel ES (white)



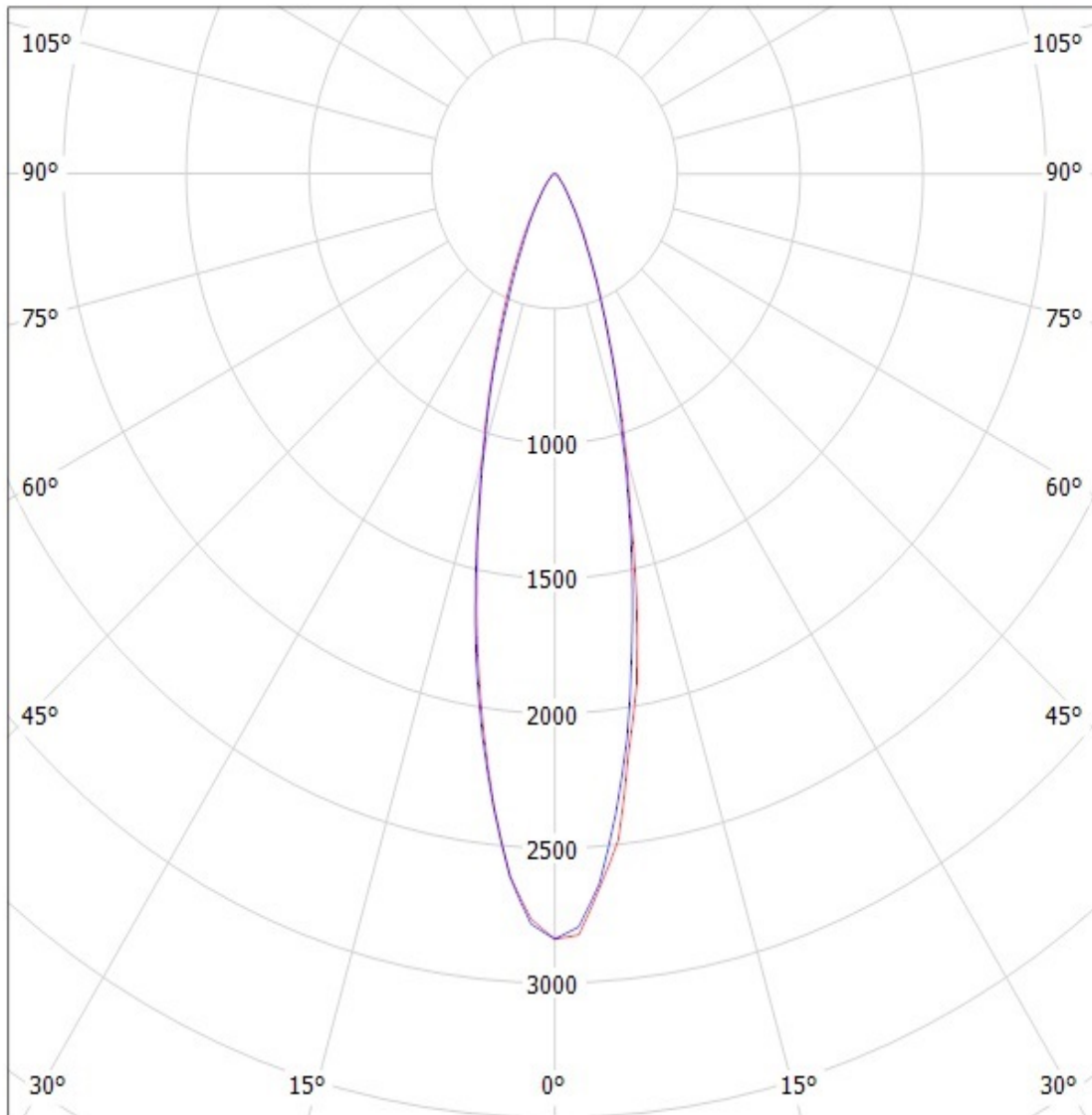
cd/klm

— C0 - C180 — C90 - C270

SIMULATED

Ledil Oy C11806_Aнна-40-6-M-RE-A Efficiency=84% / LDC (Polar)

Luminaire: Ledil Oy C11806_Aнна-40-6-M-RE-A Efficiency=84%
Lamps: 1 x Luxeon-A 444lm 250mA

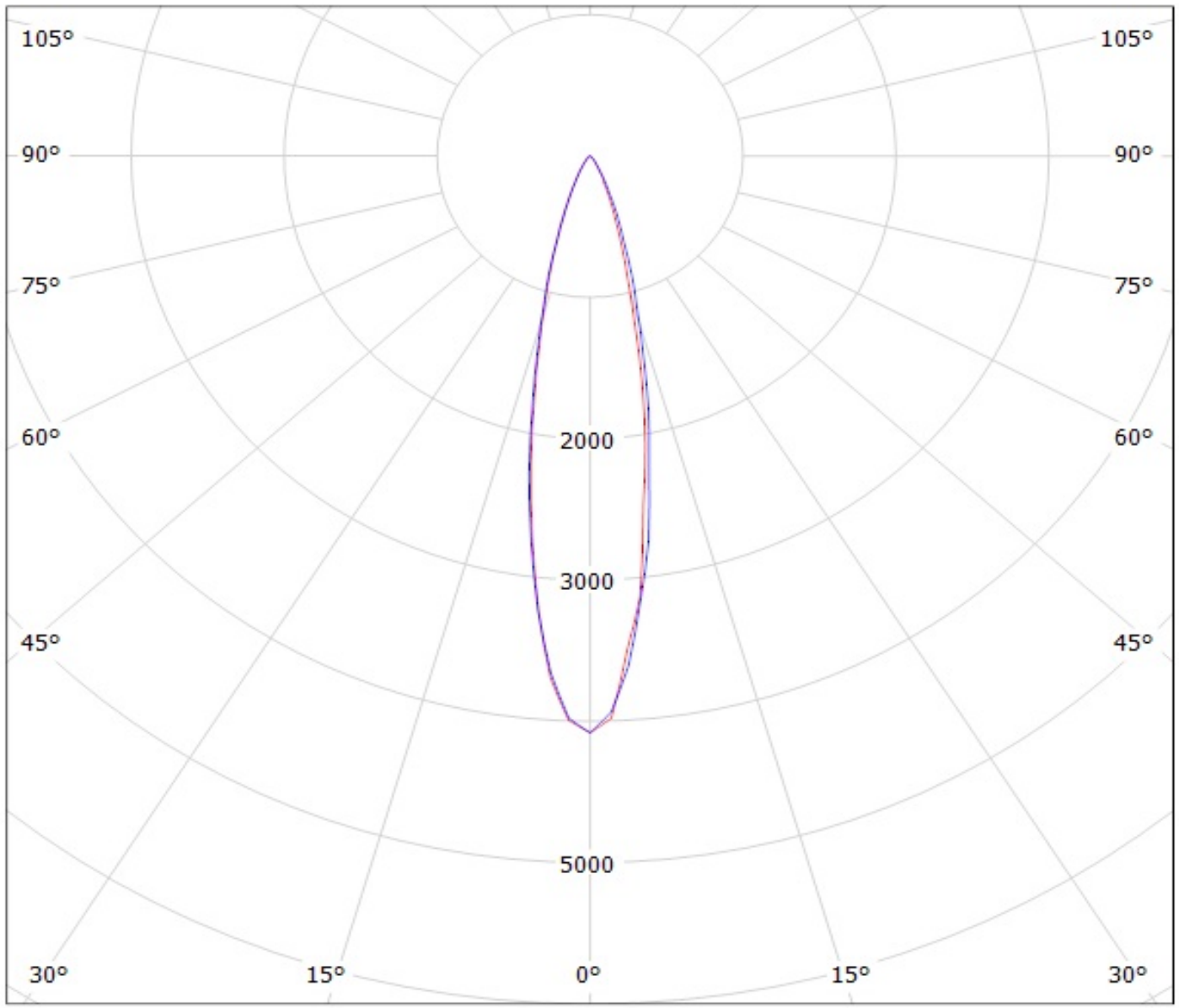


cd/klm

— C0 - C180 — C90 - C270

SIMULATED

Luminaire: Ledil Oy C11806_ANNA-40-6-M-757 (Nichia 757 194lm @ 100mA) LOR=90%
Lamps: 1 x Nichia 757 194lm @ 100mA



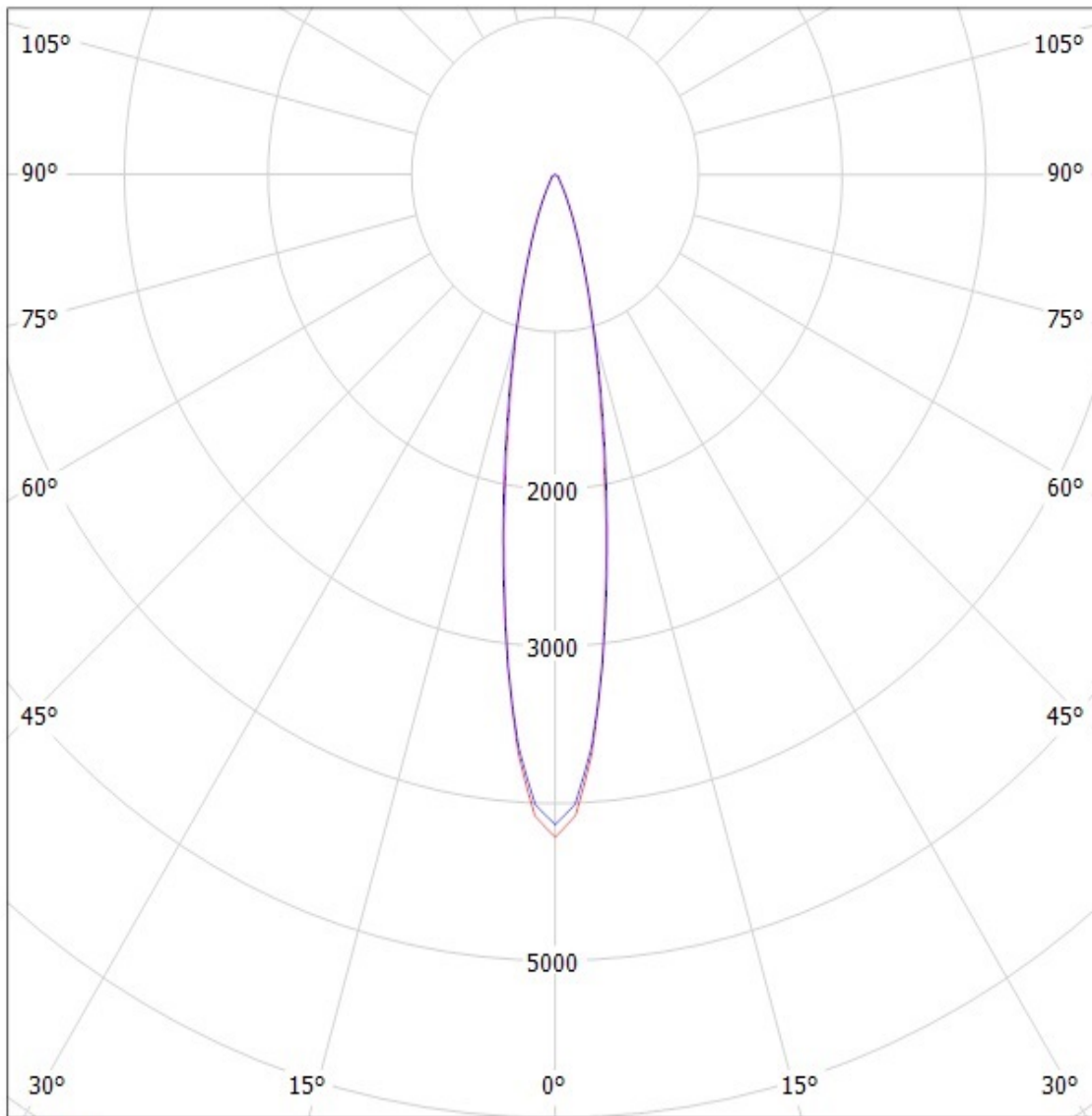
cd/klm

— C0 - C180 — C90 - C270

Ledil Oy C11806_Aнна-40-6-M-OSL C11806_Aнна-40-6-M-OSL / LDC (Polar)

Luminaire: Ledil Oy C11806_Aнна-40-6-M-OSL C11806_Aнна-40-6-M-OSL

Lamps: 1 x Osram SSL 80



cd/klm

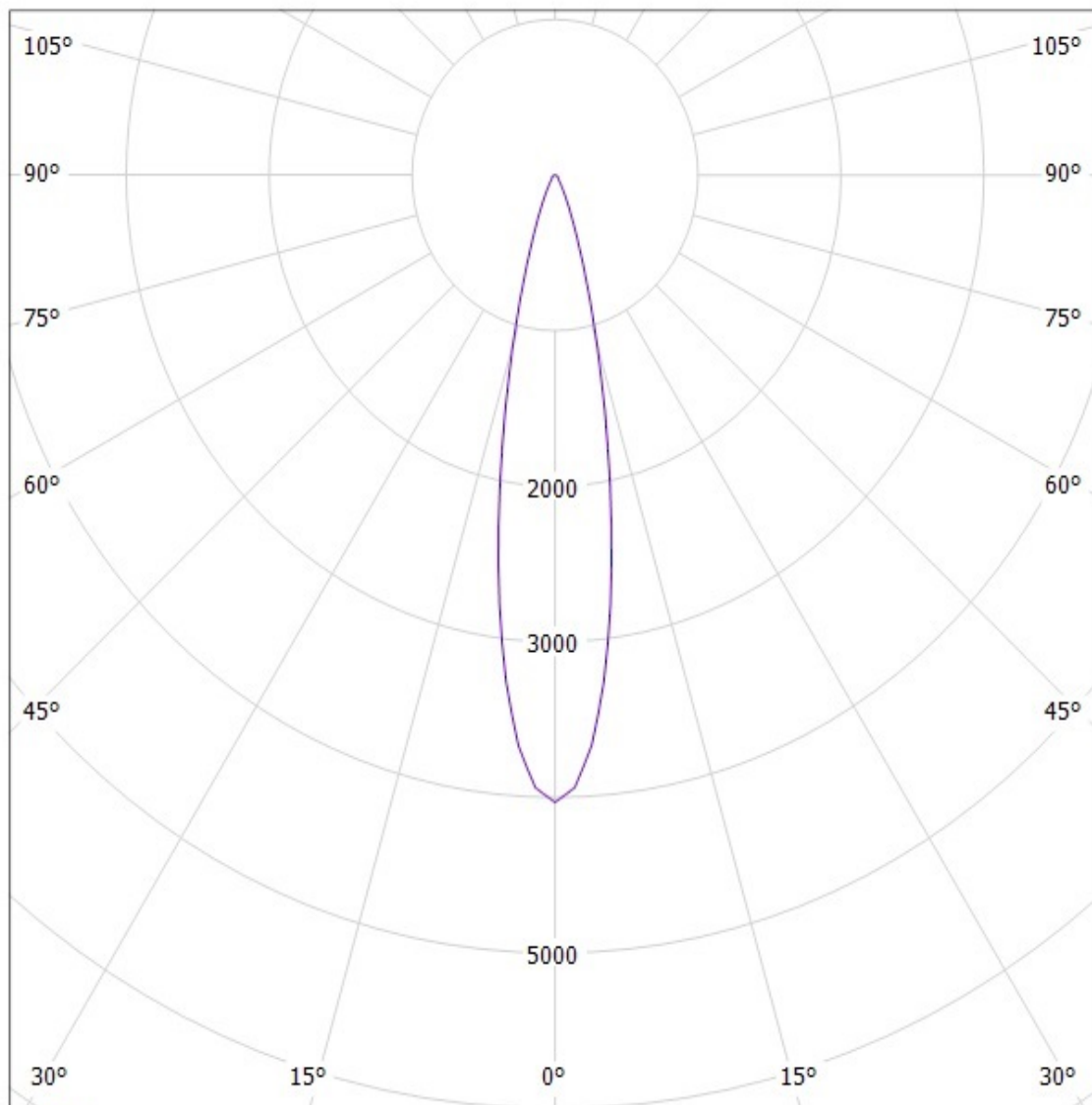
— C0 - C180 — C90 - C270

SIMULATED

Ledil Oy C11806_Ann-40-6-M-OSL150 C11806_Ann-40-6-M-OSL150 / LDC (Polar)

Luminaire: Ledil Oy C11806_Ann-40-6-M-OSL150 C11806_Ann-40-6-M-OSL150

Lamps: 1 x Osram SSL 150

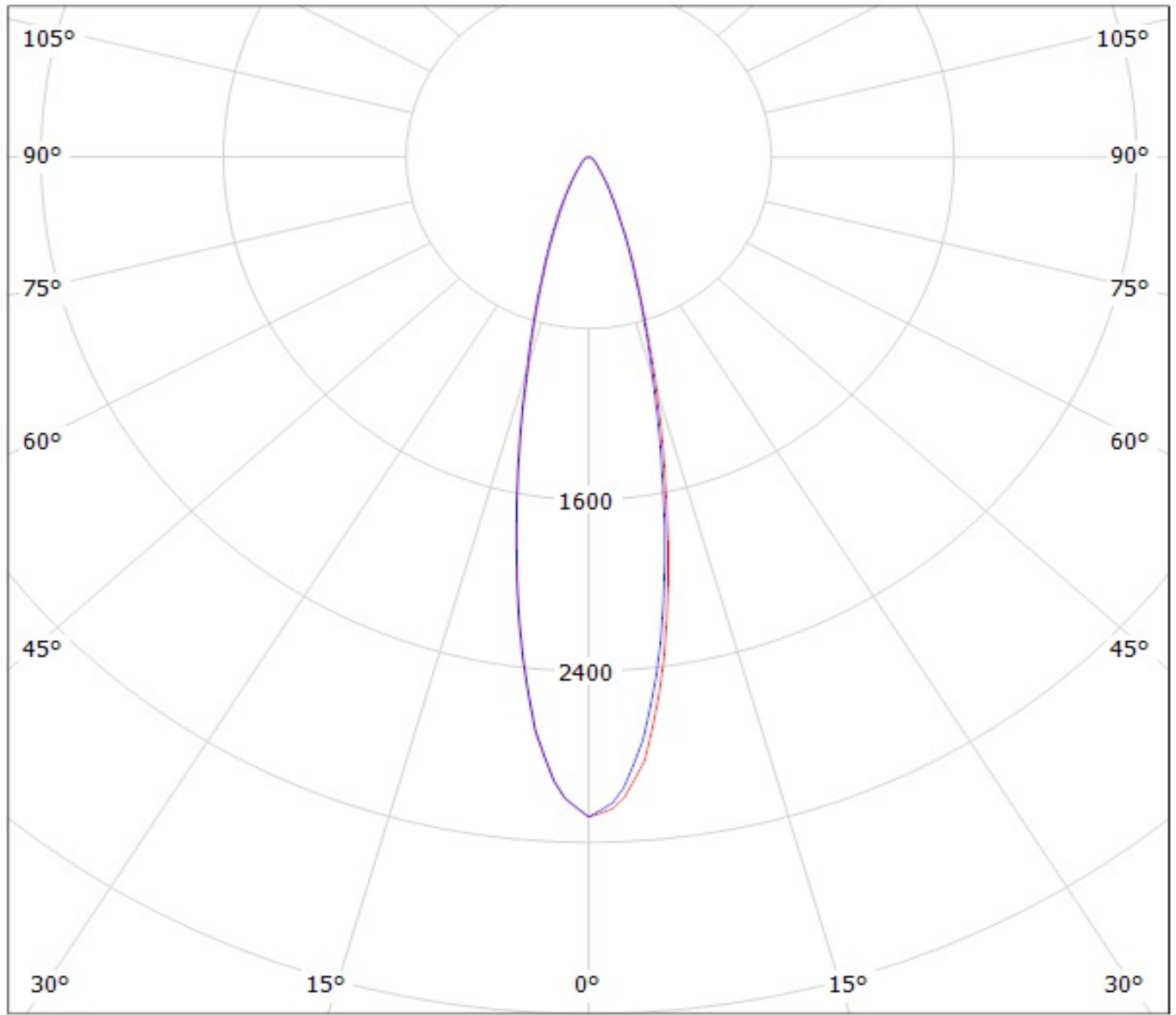


cd/klm

— C0 - C180 — C90 - C270

SIMULATED

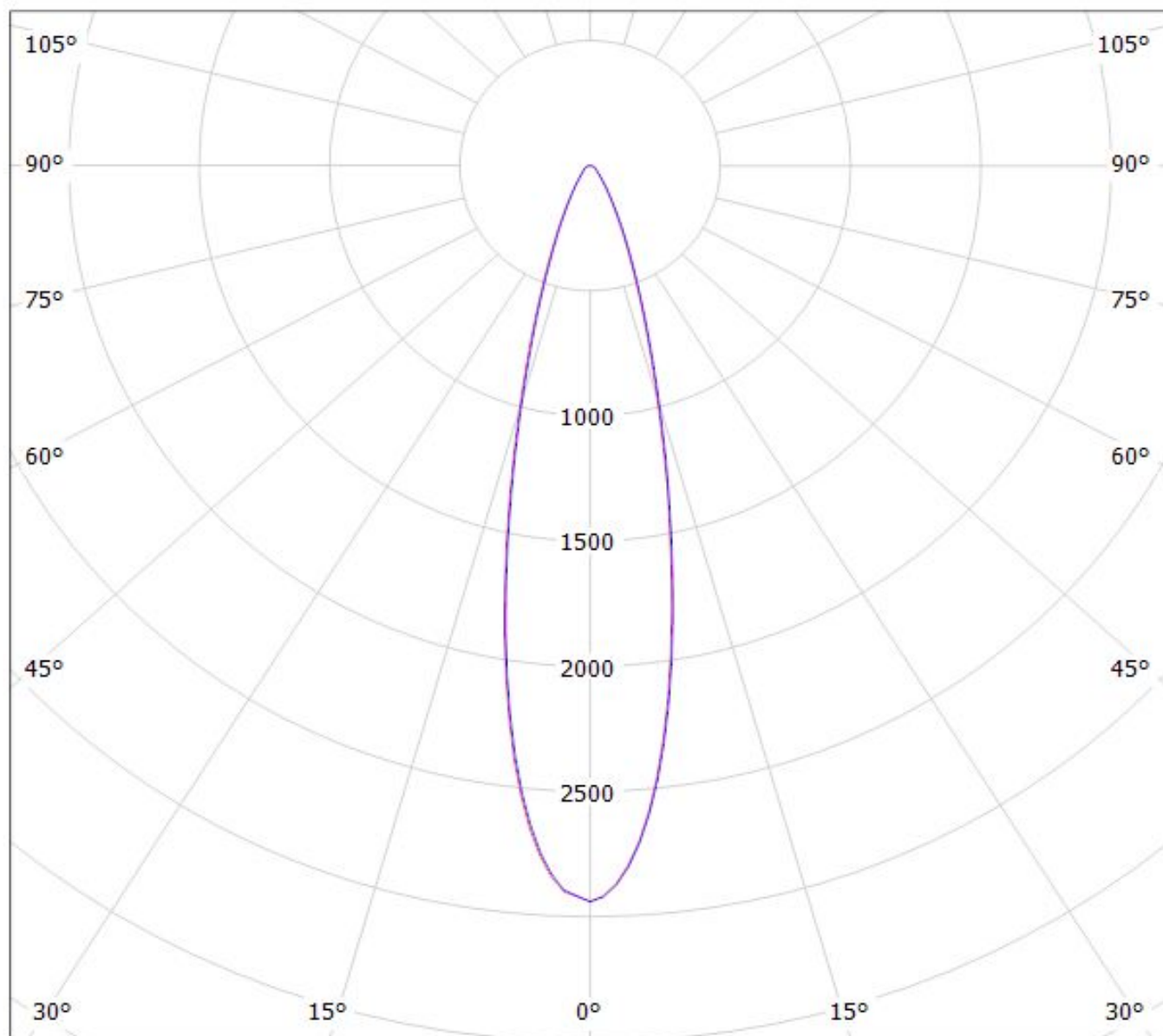
Luminaire: LEDil Oy C11806_ANNA-40-6-M_(DURIS_S5) Efficiency=85%
Lamps: 1 x Osram DURIS S5 (GW PSLPS1.EC) 426lm @ 100mA CCT=6300K P=3.7W I=100mA



cd/klm

— C0 - C180 — C90 - C270

Luminaire: LEDiL Oy C11806_ANNA-40-6-M_(SEOUL_Z5M) Eff.83.2%
Lamps: 1 x SEOUL_Z5M (526.235lm@250mA)



cd/klm

— C0 - C180

— C90 - C270

$\eta = 83\%$

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.