

PRODUCT DATASHEET

Anna series

last update 31/10/2016

DETAILS

Product Number	C13412_ANNA-40-7-W
Family	Anna
Type	Lens array
Color	clear
Diameter	40 mm
Height	11,99 mm
Style	round
Optic Material	PMMA
Holder Material	
Fastening	pin
Status	production ready
ROHS Comliant	Yes
Date Updated	31/10/2016

OPTICAL PROPERTIES

LED	Viewing Angle	Light Beam	Efficiency	cd/lm	Connector
ML-E	sim: 49	Wide	sim: 88 %	sim: 1.191	-
NF2x757A	44 deg	Wide	90 %	1.700	-
107	sim: 46	Wide	sim: 86 %	sim: 1.363	-
NS9x383	sim: 31	Wide	sim: 87 %	sim: 1.953	-
NS9x153	sim: 52	Wide	sim: 89 %	sim: 1.252	-

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B

A

4

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3

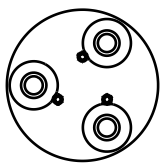
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2

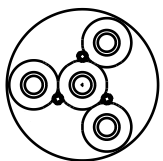
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1

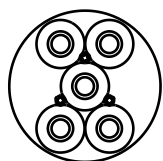
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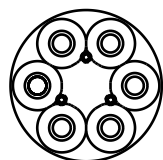
Anna-3



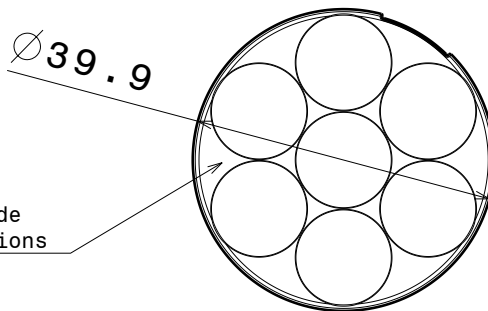
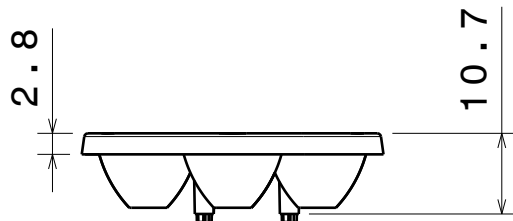
Anna-4



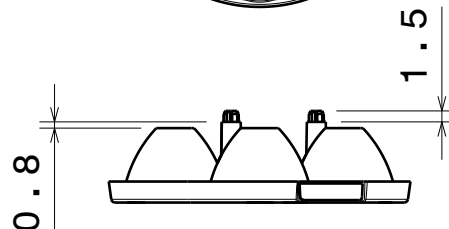
Anna-5



Anna-6

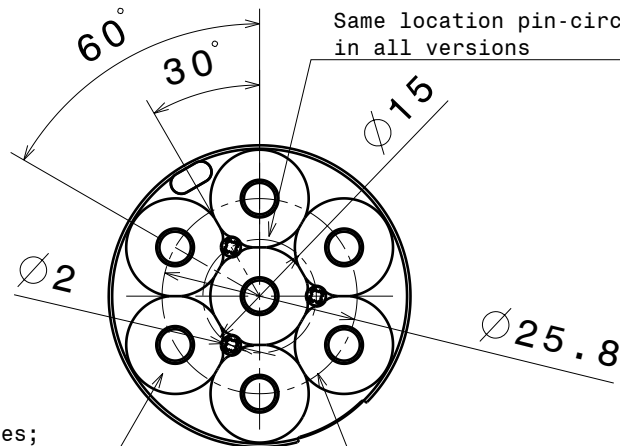


Anna-7



Same top side in all versions

Same location pin-circle in all versions



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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DRAWING TITLE

Datasheet Anna40-series Lens

DRAWN BY

DATE

p

12.10.2010

CHECKED BY

DATE

s n

12.10.2010

DESIGNED BY

DATE

hh

30.07.2010

SIZE

DRAWING NUMBER

REV

A4

-

1

SCALE

1:1

WEIGHT (g)

SHEET

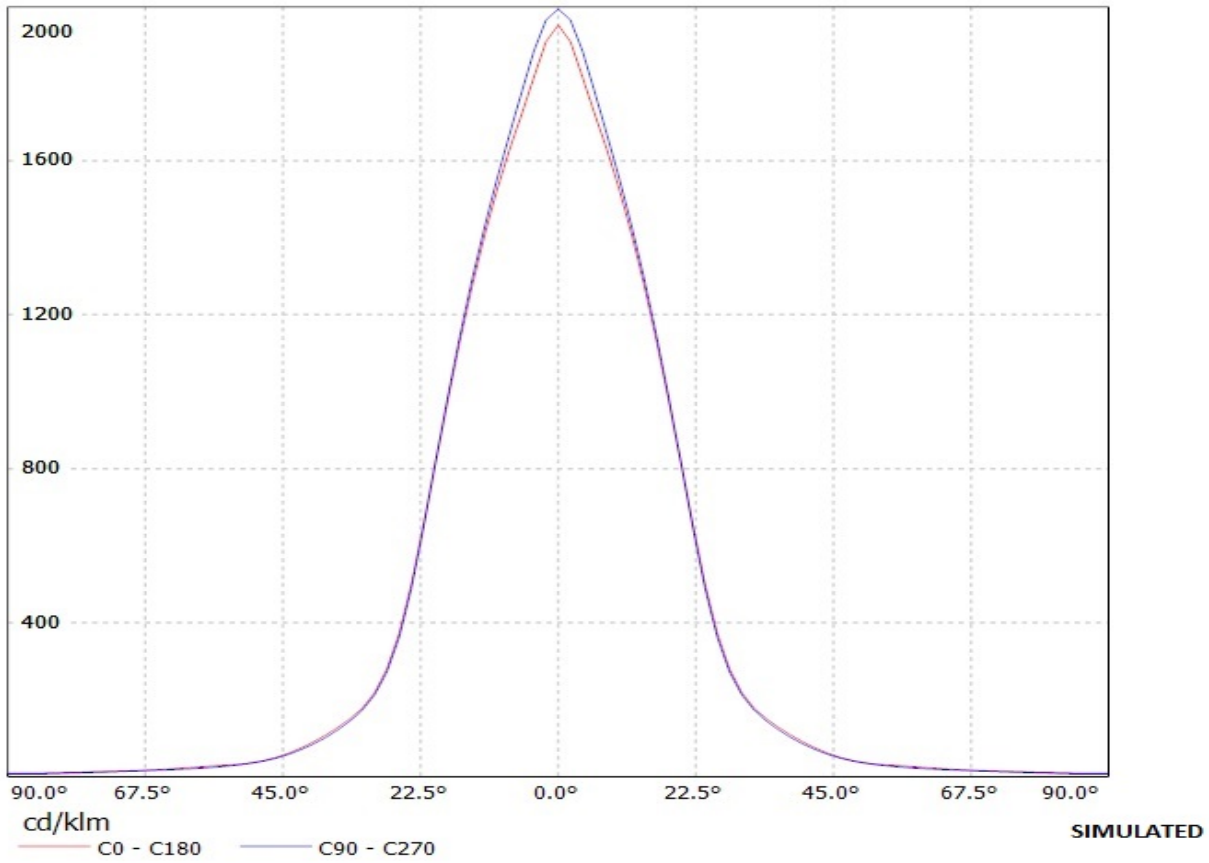
1/1

D

A

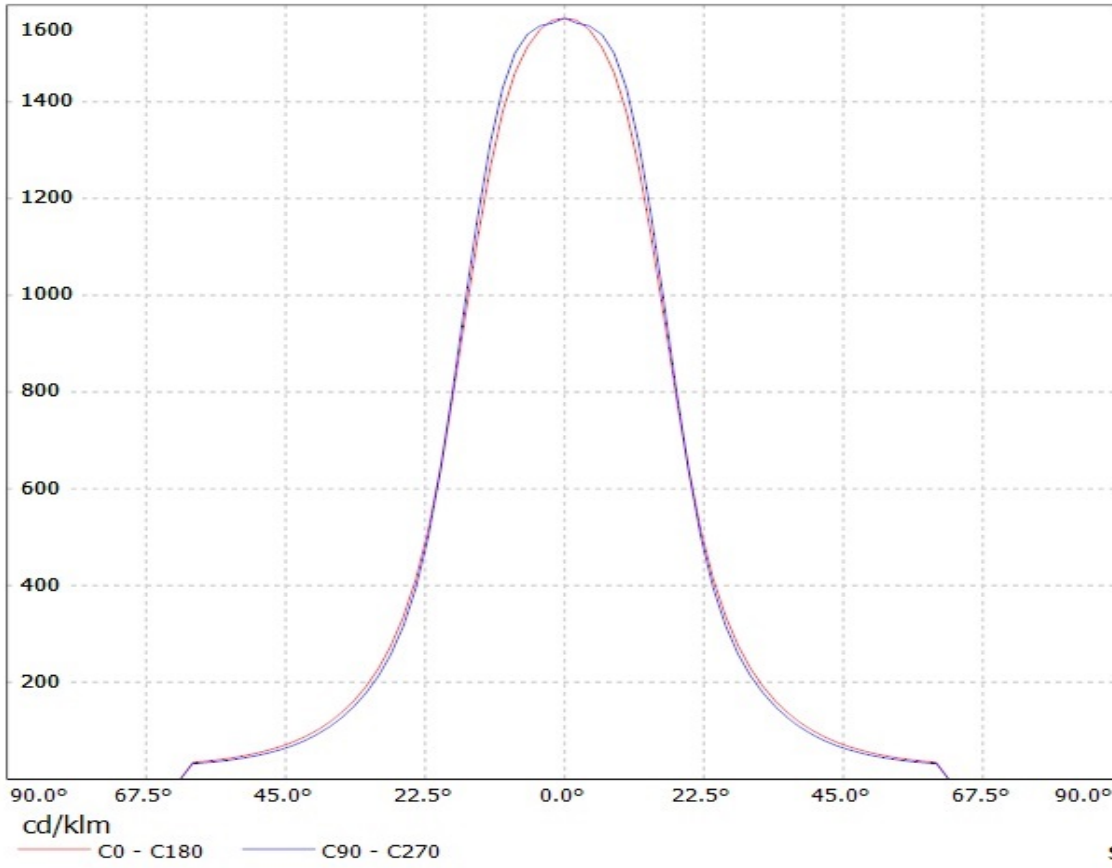
Ledil Oy C11807_AnnA-40-6-W-XP-G C11807_AnnA-40-6-W-XP-G / LDC (Linear)

Luminaire: Ledil Oy C11807_AnnA-40-6-W-XP-G C11807_AnnA-40-6-W-XP-G
Lamps: 1 x Cree XP-G (White)



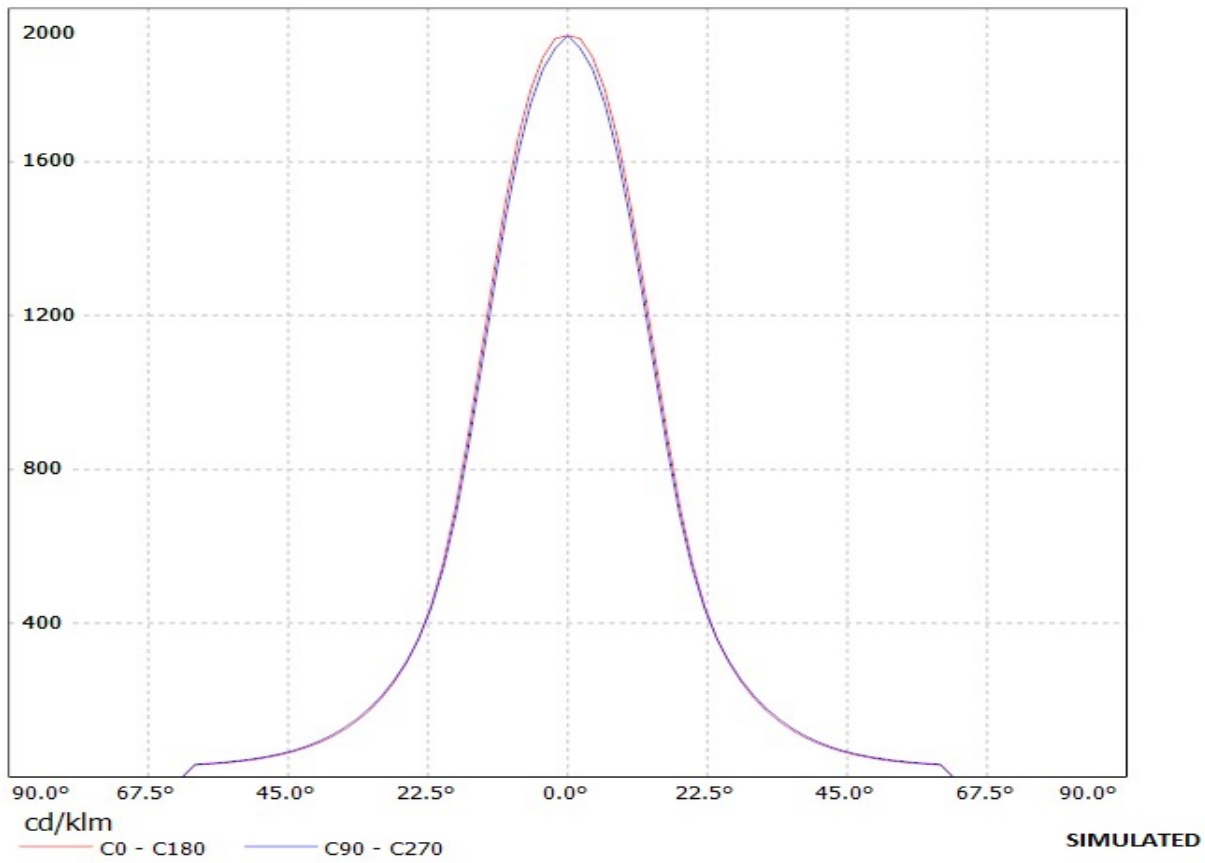
Ledil Oy C11807_AnnA-40-6-W-XP C11807_AnnA-40-6-W-XP / LDC (Linear)

Luminaire: Ledil Oy C11807_AnnA-40-6-W-XP C11807_AnnA-40-6-W-XP
Lamps: 1 x Cree XP-E (white) 442lm



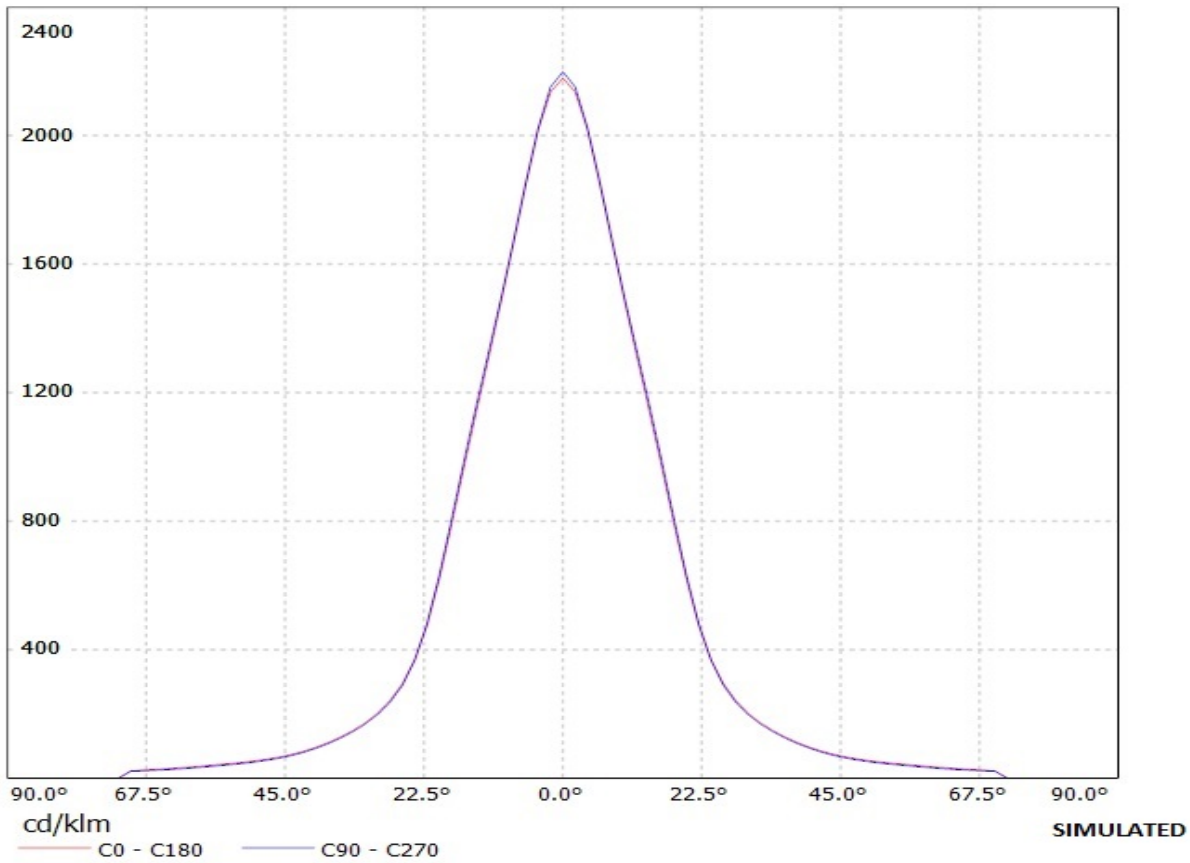
Ledil Oy C11807-Anna-40-6-W-RE C11807-Anna-40-6-W-RE / LDC (Linear)

Luminaire: Ledil Oy C11807-Anna-40-6-W-RE C11807-Anna-40-6-W-RE
Lamps: 5 x Luxeon Rebel (white) 482



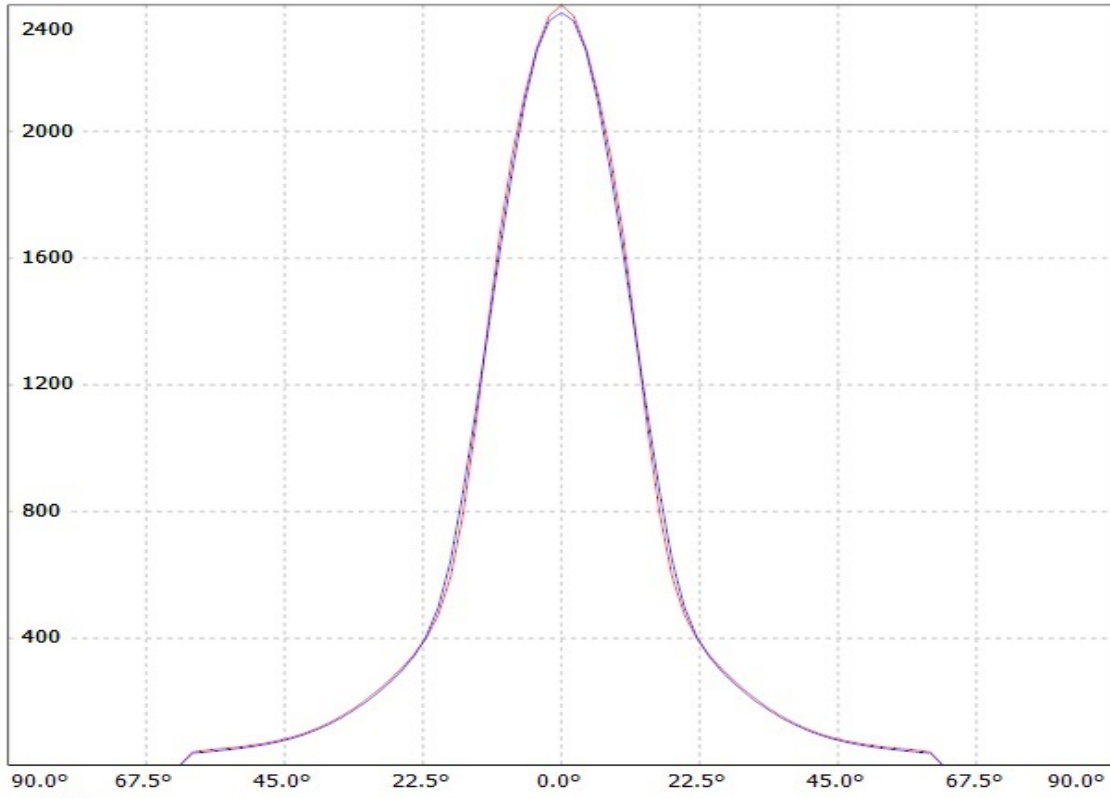
Ledil Oy C11807-Anna-40-6-W-RE-ES C11807-Anna-40-6-W-RE-ES / LDC (Linear)

Luminaire: Ledil Oy C11807-Anna-40-6-W-RE-ES C11807-Anna-40-6-W-RE-ES
Lamps: 1 x Luxeon Rebel ES (white)



Ledil Oy C11807_Aнна-40-6-W-OSL C11807_Aнна-40-6-W-OSL / LDC (Linear)

Luminaire: Ledil Oy C11807_Aнна-40-6-W-OSL C11807_Aнна-40-6-W-OSL
Lamps: 1 x Osram SSL 80

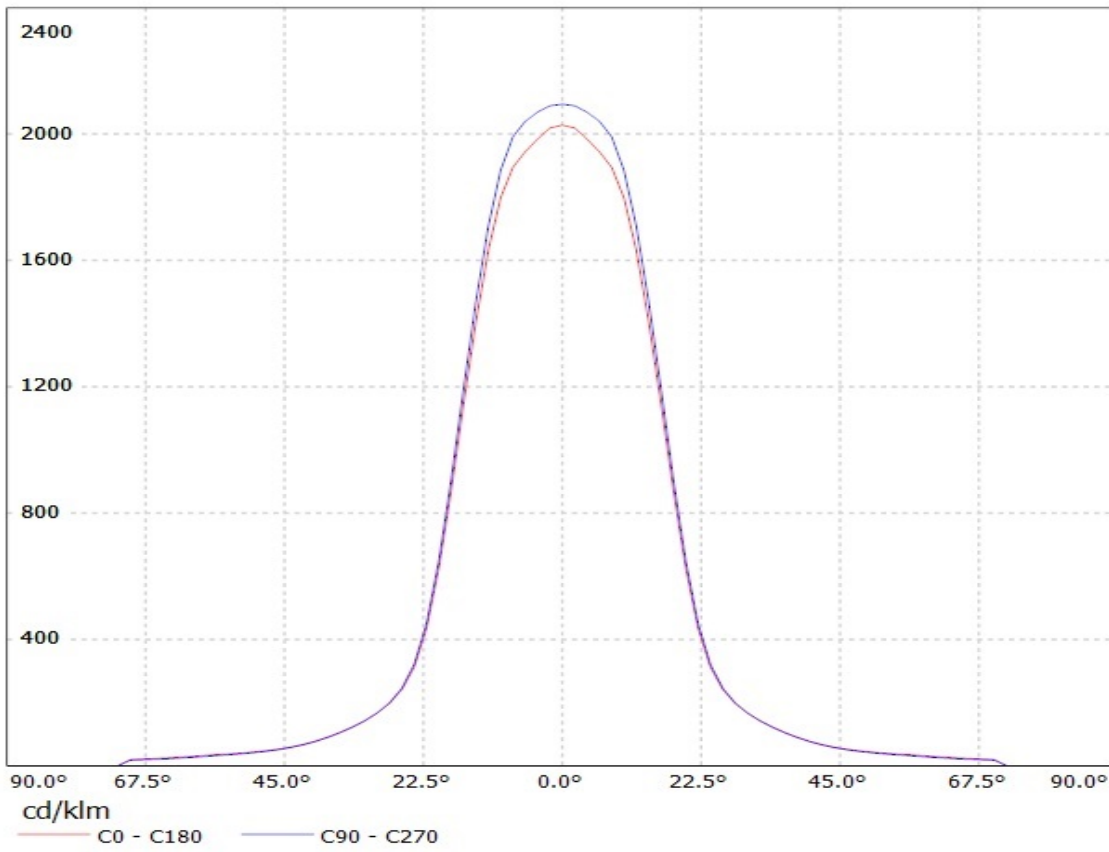


cd/klm
C0 - C180 C90 - C270

SIMULATED

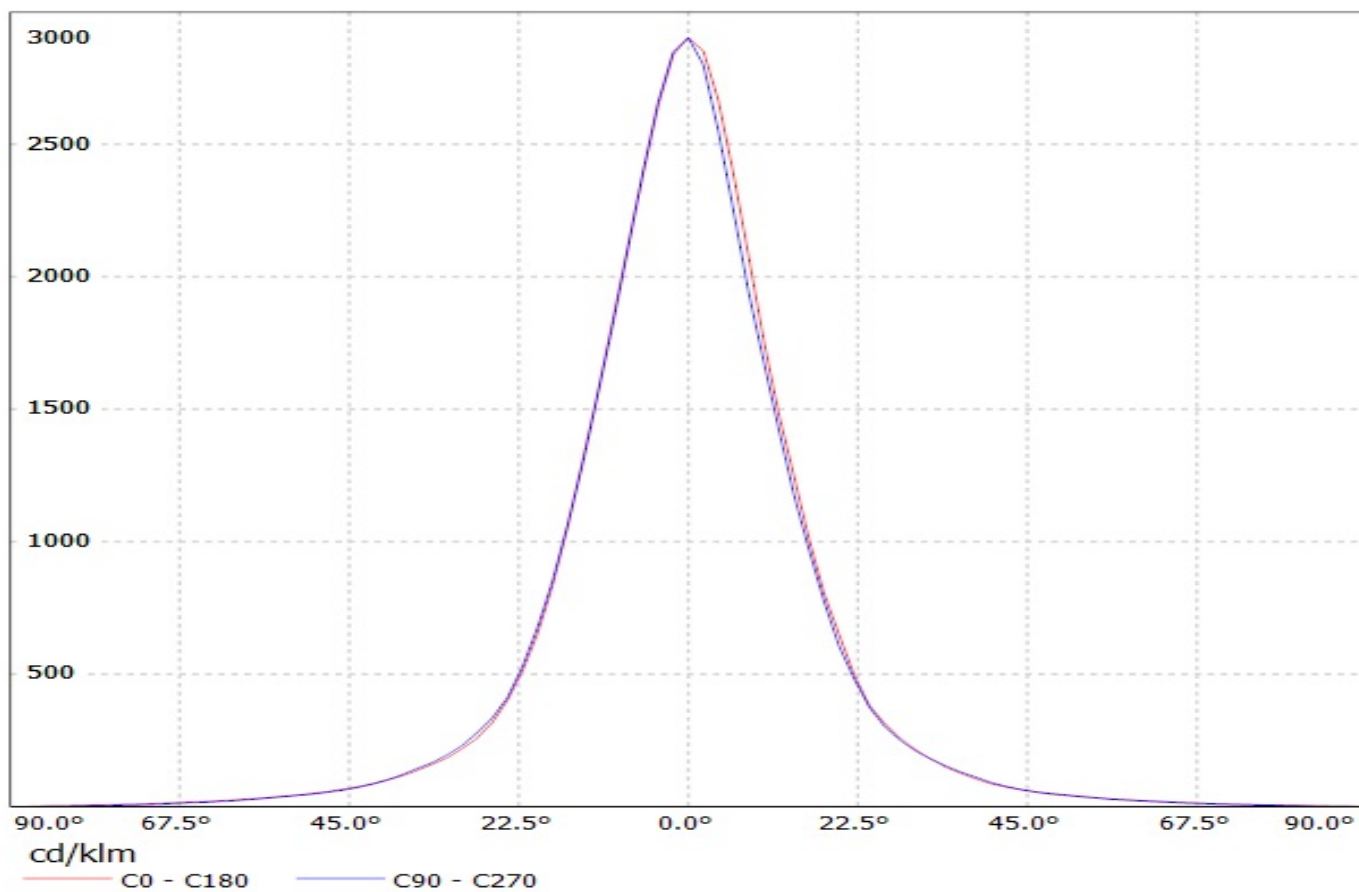
Ledil Oy C11807_AnnA-40-6-W-OSL150 C11807_AnnA-40-6-W-OSL150 / LDC (Linear)

Luminaire: Ledil Oy C11807_AnnA-40-6-W-OSL150 C11807_AnnA-40-6-W-OSL150
Lamps: 1 x Osram SSL 150

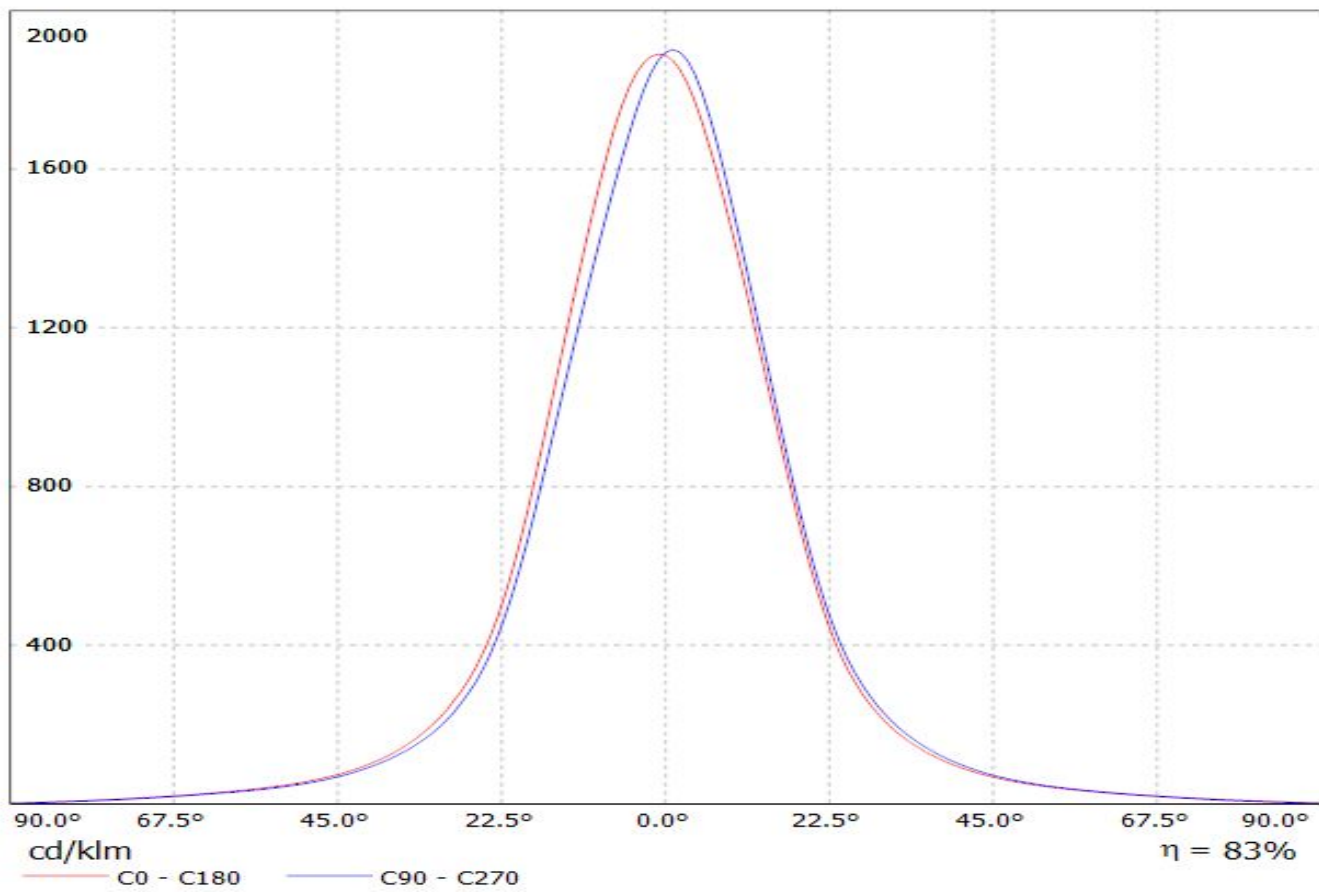


SIMULATED

Luminaire: LEDil Oy C11807_ANNA-40-6-W_(DURIS_S5) Efficiency=88%
Lamps: 1 x Osram DURIS S5 (GW PSLPS1.EC) 426lm @ 100mA CCT=6300K P=3.7W I=100mA



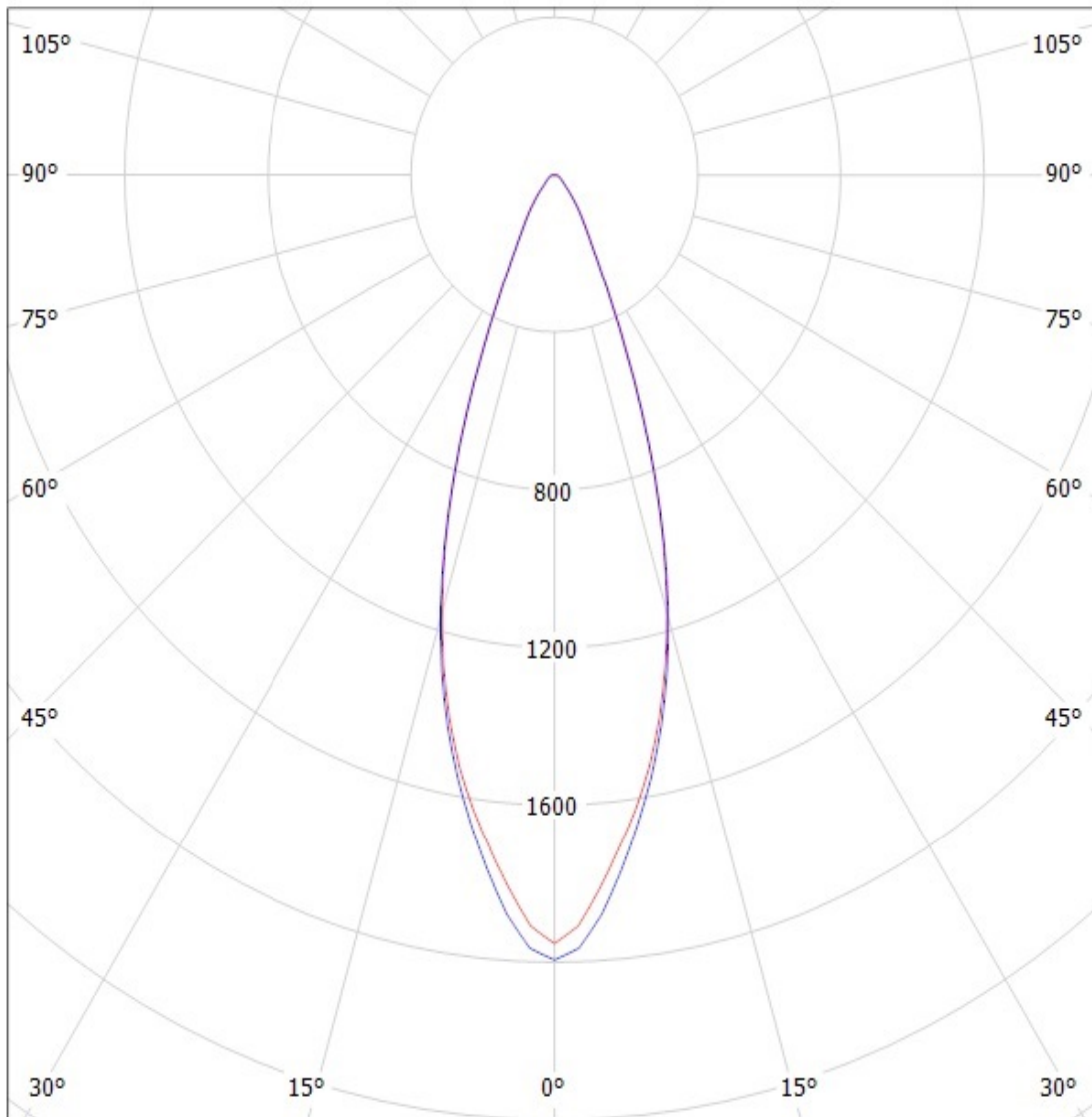
Luminaire: LEDiL Oy C11807_ANNA-40-6-W_(SEOUL_Z5M) Eff.82.6%
Lamps: 1 x SEOUL_Z5M (526.235lm@250mA)



Ledil Oy C11807_AnnA-40-6-W-XP-G C11807_AnnA-40-6-W-XP-G / LDC (Polar)

Luminaire: Ledil Oy C11807_AnnA-40-6-W-XP-G C11807_AnnA-40-6-W-XP-G

Lamps: 1 x Cree XP-G (White)



cd/klm

— C0 - C180

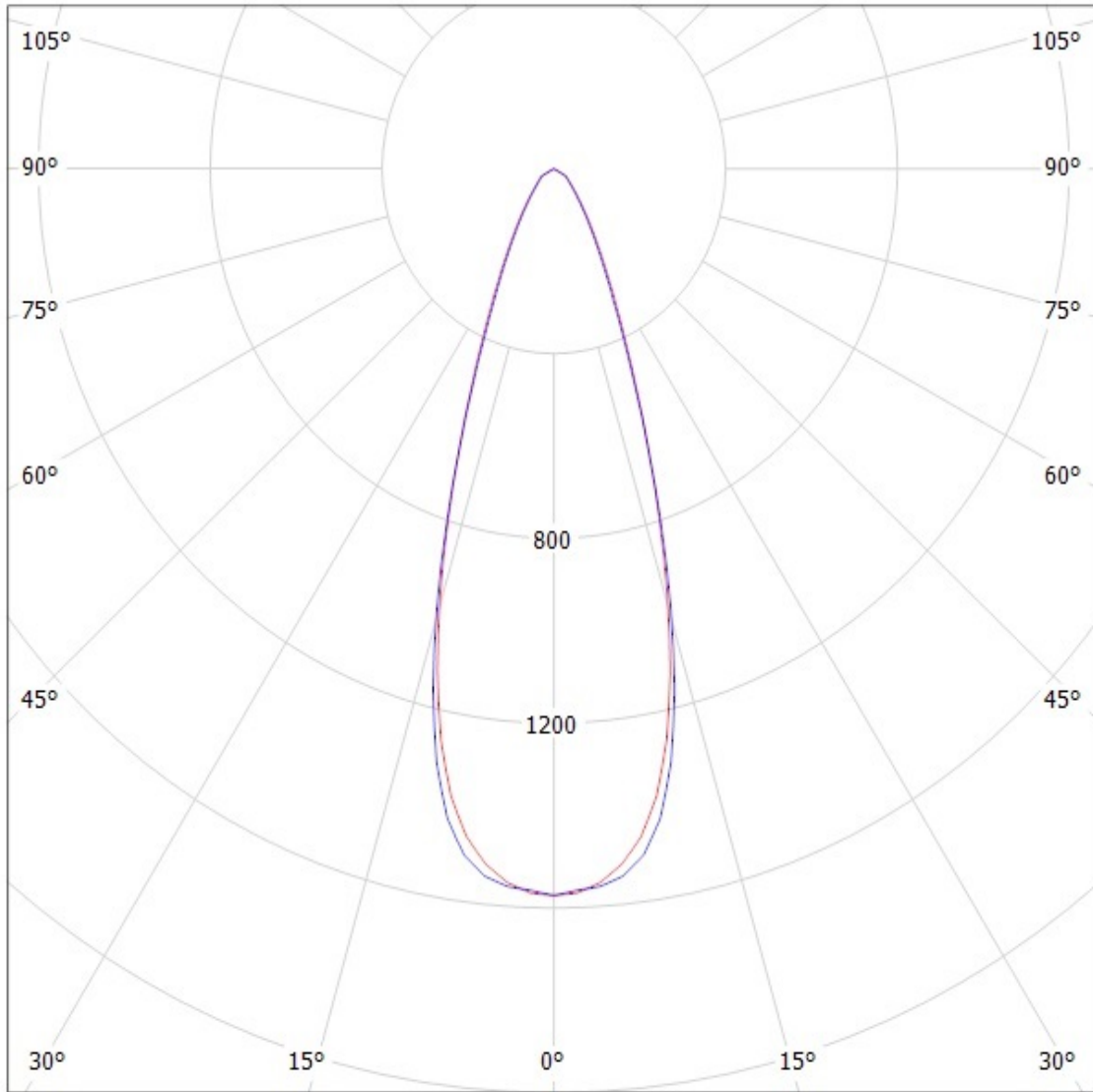
— C90 - C270

SIMULATED

Ledil Oy C11807_Aнна-40-6-W-XP C11807_Aнна-40-6-W-XP / LDC (Polar)

Luminaire: Ledil Oy C11807_Aнна-40-6-W-XP C11807_Aнна-40-6-W-XP

Lamps: 1 x Cree XP-E (white) 442lm



cd/klm

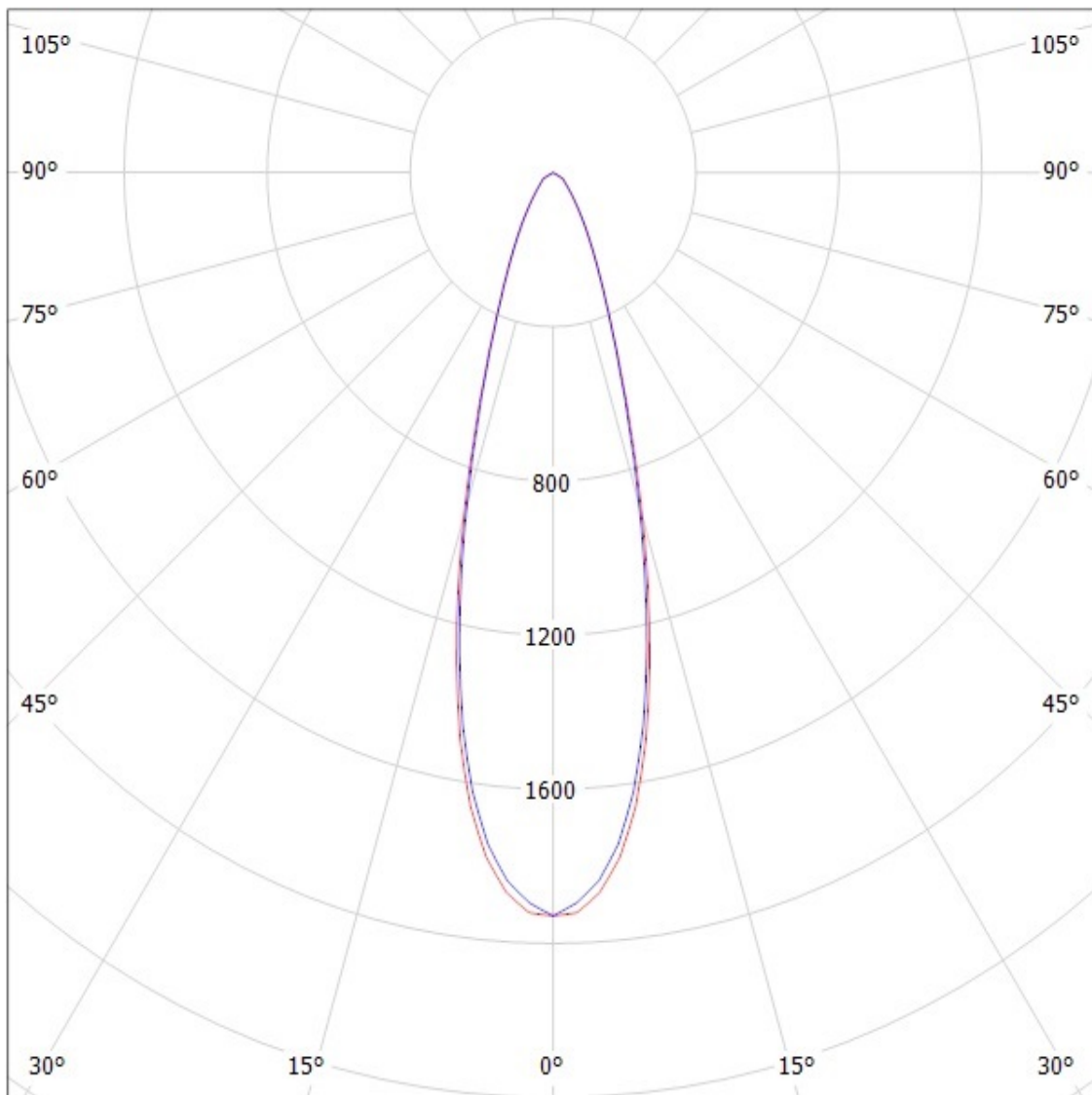
— C0 - C180

— C90 - C270

SIMULATED

Ledil Oy C11807-Anna-40-6-W-RE C11807-Anna-40-6-W-RE / LDC (Polar)

Luminaire: Ledil Oy C11807-Anna-40-6-W-RE C11807-Anna-40-6-W-RE
Lamps: 5 x Luxeon Rebel (white) 482



cd/klm

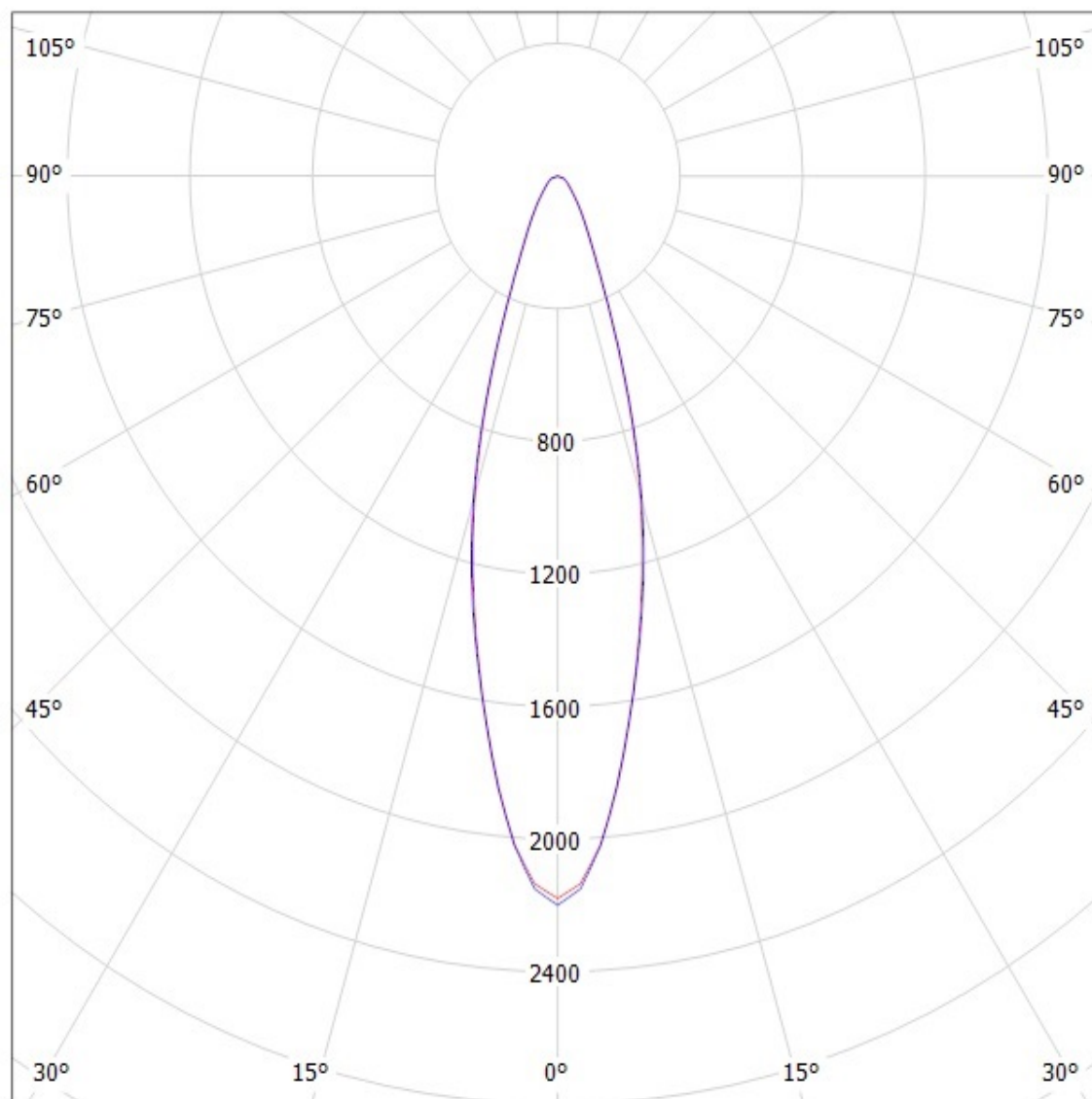
— C0 - C180 — C90 - C270

SIMULATED

Ledil Oy C11807-Anna-40-6-W-RE-ES C11807-Anna-40-6-W-RE-ES / LDC (Polar)

Luminaire: Ledil Oy C11807-Anna-40-6-W-RE-ES C11807-Anna-40-6-W-RE-ES

Lamps: 1 x Luxeon Rebel ES (white)



cd/klm

— C0 - C180

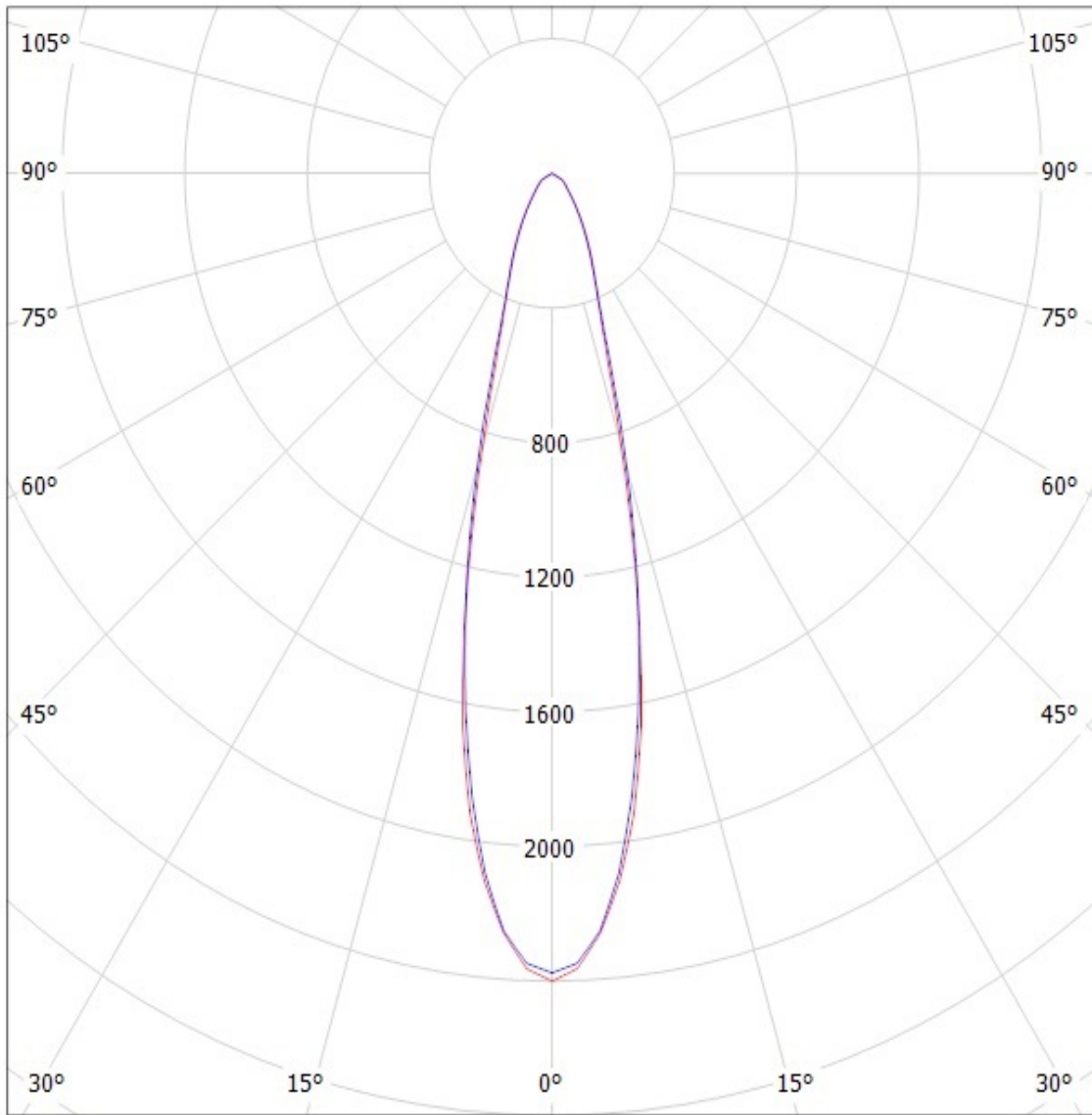
— C90 - C270

SIMULATED

Ledil Oy C11807_Aнна-40-6-W-OSL C11807_Aнна-40-6-W-OSL / LDC (Polar)

Luminaire: Ledil Oy C11807_Aнна-40-6-W-OSL C11807_Aнна-40-6-W-OSL

Lamps: 1 x Osram SSL 80



cd/klm

— C0 - C180

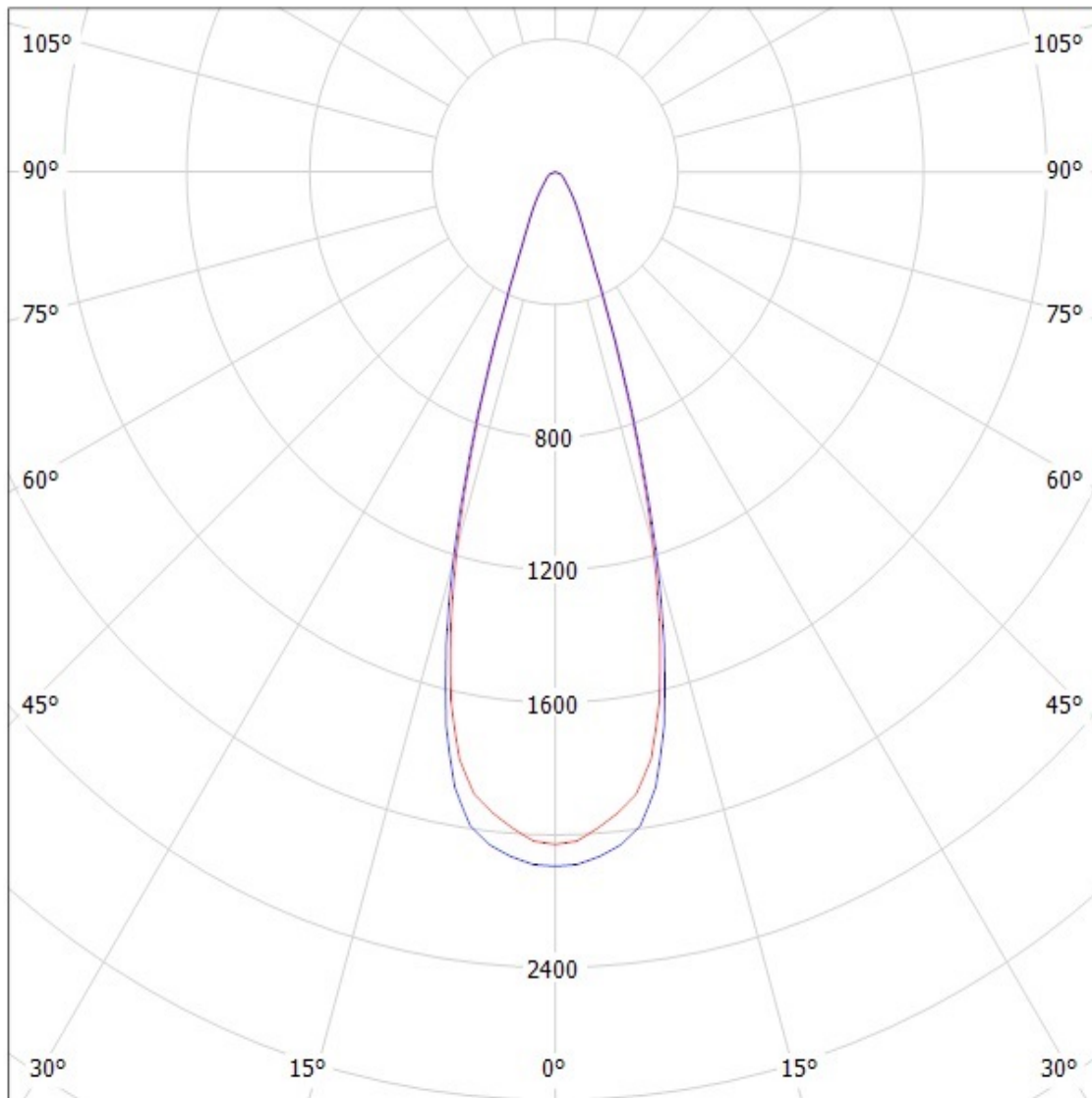
— C90 - C270

SIMULATED

Ledil Oy C11807_AnnA-40-6-W-OSL150 C11807_AnnA-40-6-W-OSL150 / LDC (Polar)

Luminaire: Ledil Oy C11807_AnnA-40-6-W-OSL150 C11807_AnnA-40-6-W-OSL150

Lamps: 1 x Osram SSL 150

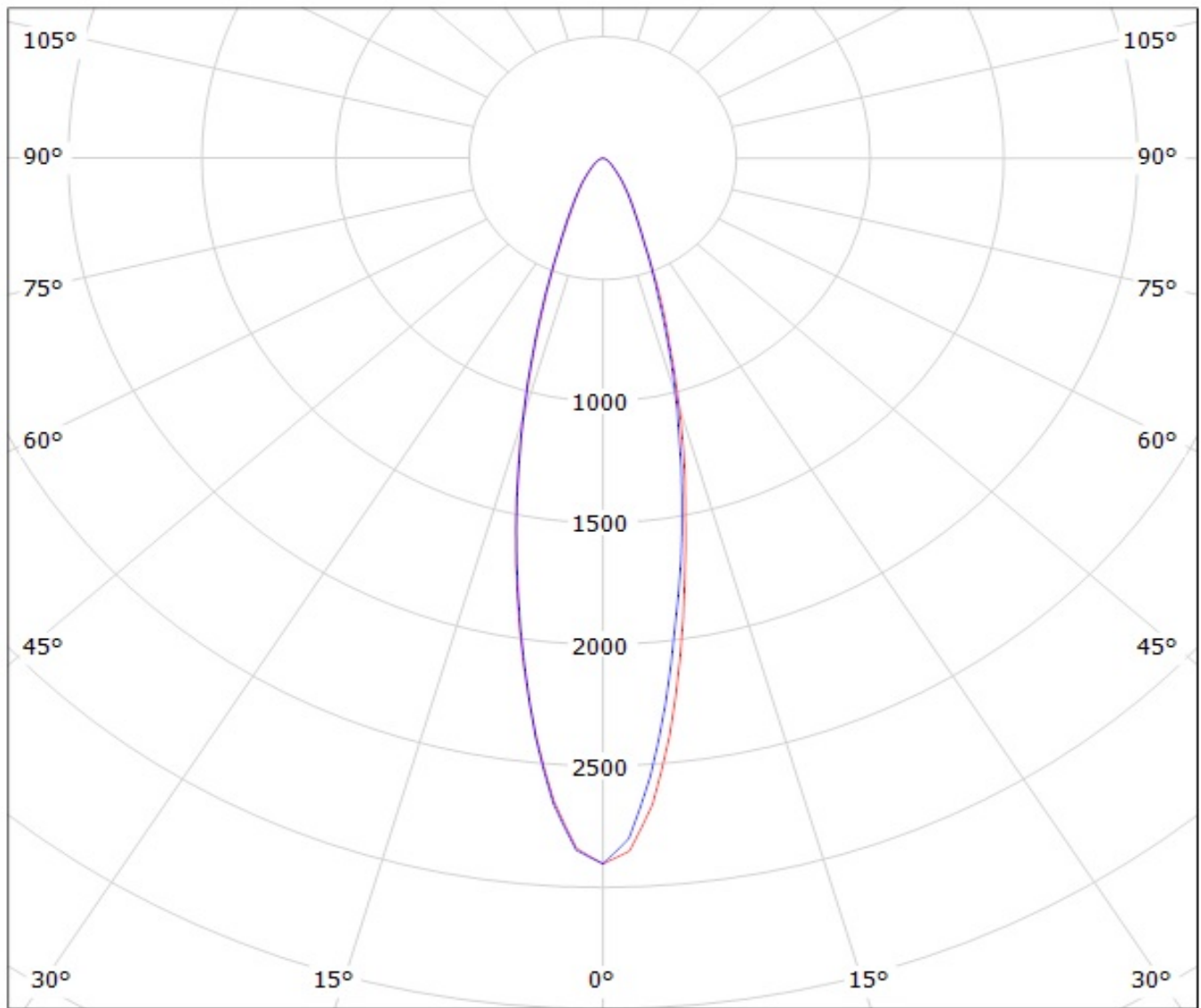


cd/klm

— C0 - C180 — C90 - C270

SIMULATED

Luminaire: LEDil Oy C11807_ANNA-40-6-W_(DURIS_S5) Efficiency=88%
Lamps: 1 x Osram DURIS S5 (GW PSLPS1.EC) 426lm @ 100mA CCT=6300K P=3.7W I=100mA

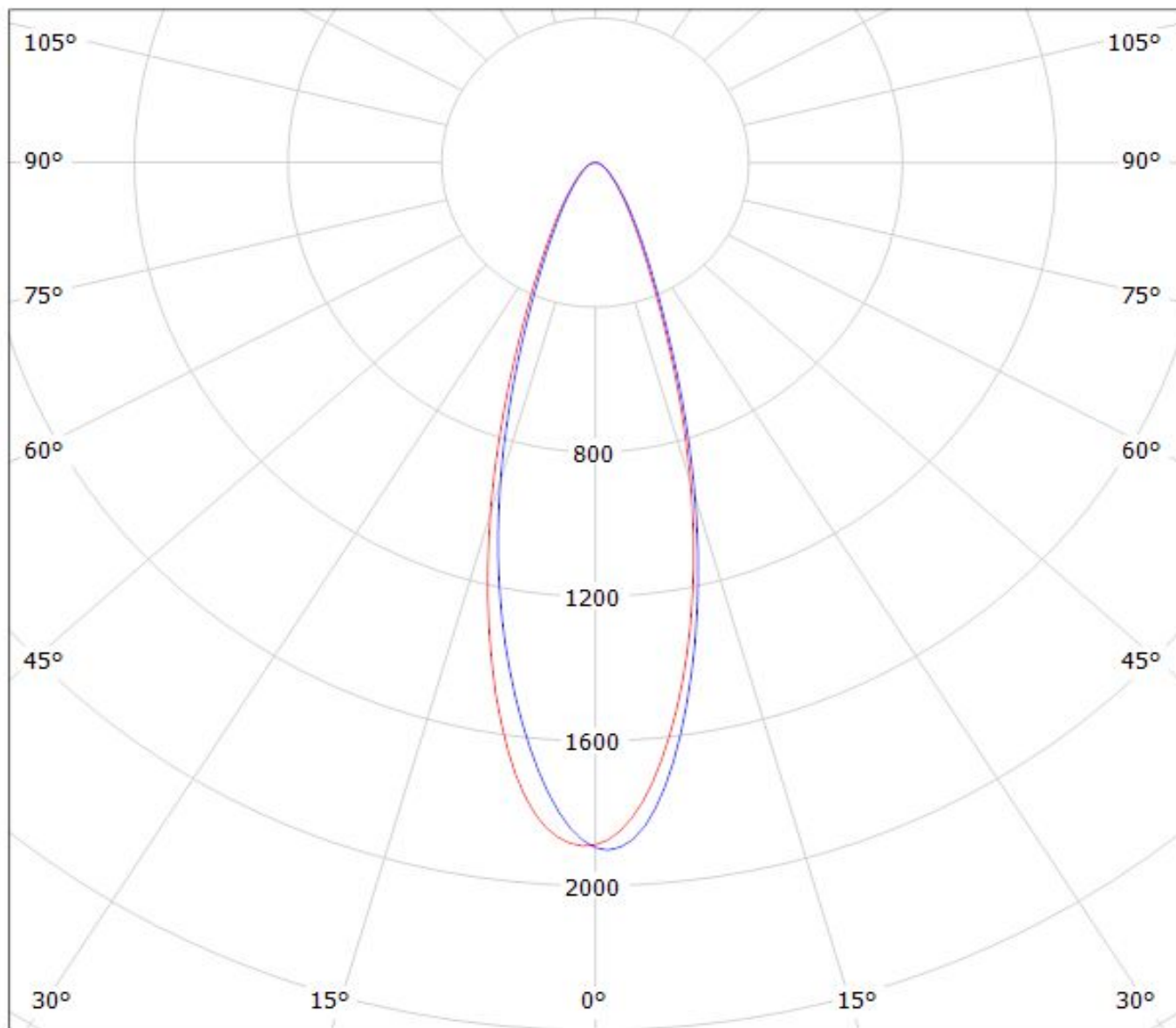


cd/klm

— C0 - C180

— C90 - C270

Luminaire: LEDiL Oy C11807_ANNA-40-6-W_(SEOUL_Z5M) Eff.82.6%
Lamps: 1 x SEOUL_Z5M (526.235lm@250mA)



cd/klm

$\eta = 83\%$

— C0 - C180

— C90 - C270

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.