

DETAILS

Product Number	C11805_ANNA-40-6-S
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	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	-
Duris S5 (2 chip)	18 deg	Spot	90 %	6.000	-
Z5M	15 deg	Spot	92 %	7.800	-
Double Dome (GM2BB)	sim: 12	Spot	-	-	-

D

C

B

A

4

4

3

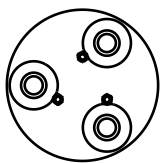
3

2

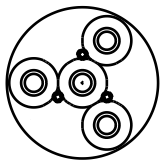
2

1

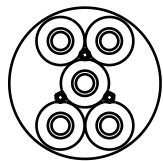
1



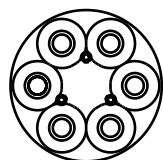
Anna-3



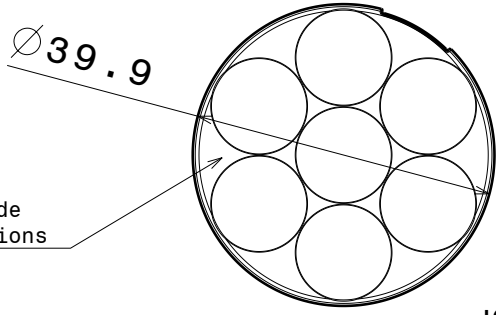
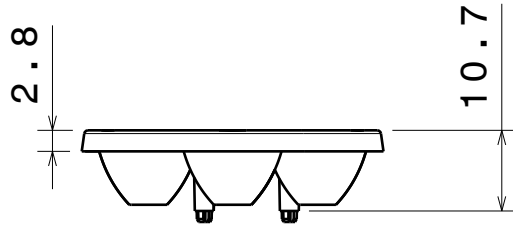
Anna-4



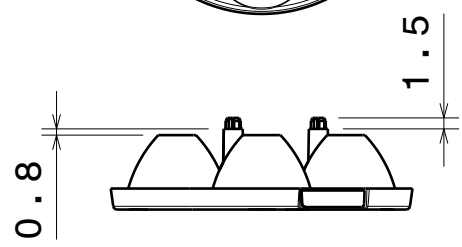
Anna-5



Anna-6

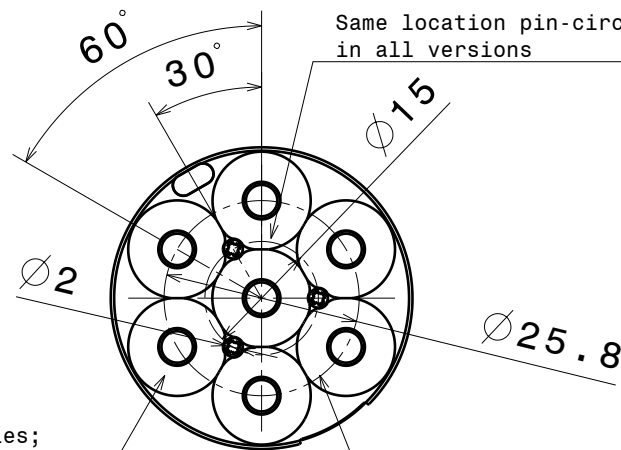


Anna-7



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

This drawing is our property. It can't be reproduced or communicated without our written agreement.



L
T
F
F

e
e
i
i
N
n

d
h

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

A4

DRAWING NUMBER

-

REV

1

SCALE

1:1

WEIGHT (g)

SHEET

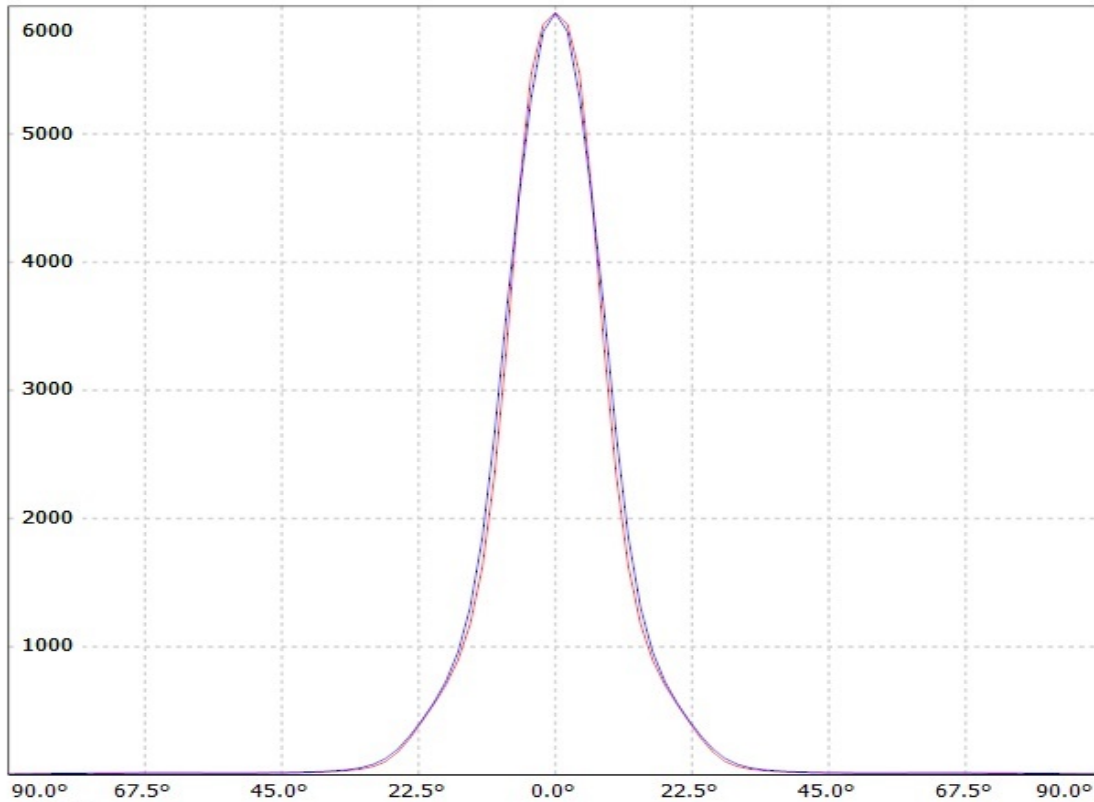
1/1

D

A

Ledil Oy C11805_Anna-40-6-S-XP-G C11805_Anna-40-6-S-XP-G / LDC (Linear)

Luminaire: Ledil Oy C11805_Anna-40-6-S-XP-G C11805_Anna-40-6-S-XP-G
Lamps: 1 x Cree XP-G (White)



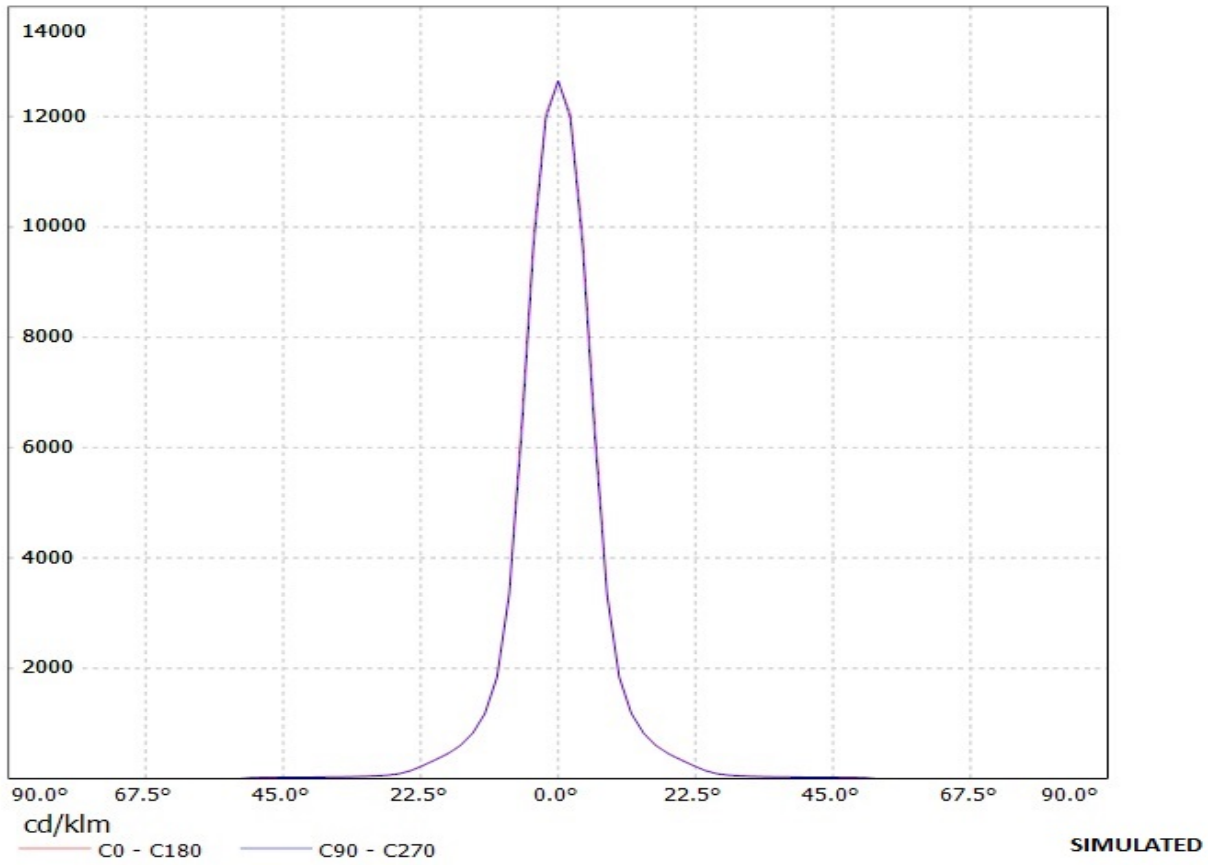
cd/klm

— C0 - C180 — C90 - C270

SIMULATED

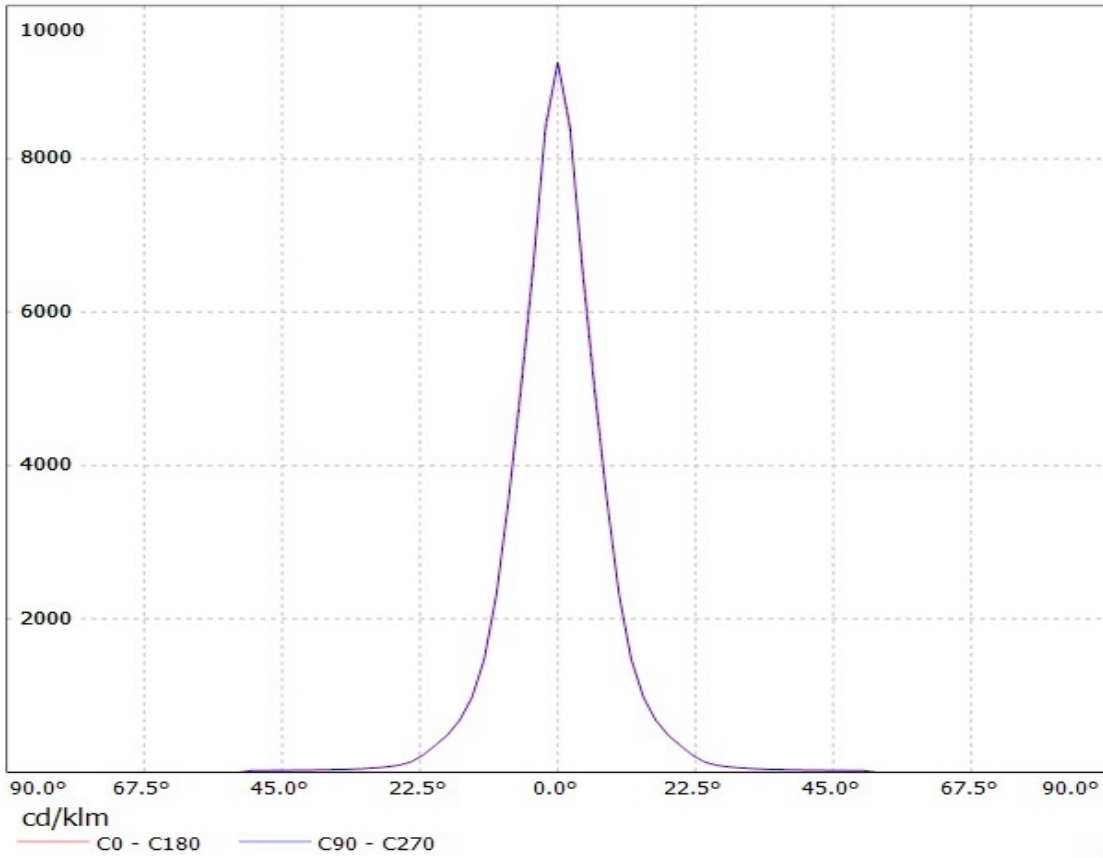
Ledil Oy C11805_Aнна-40-6-S-XP C11805_Aнна-40-6-S-XP / LDC (Linear)

Luminaire: Ledil Oy C11805_Aнна-40-6-S-XP C11805_Aнна-40-6-S-XP
Lamps: 1 x Cree XP-E (white) 442lm



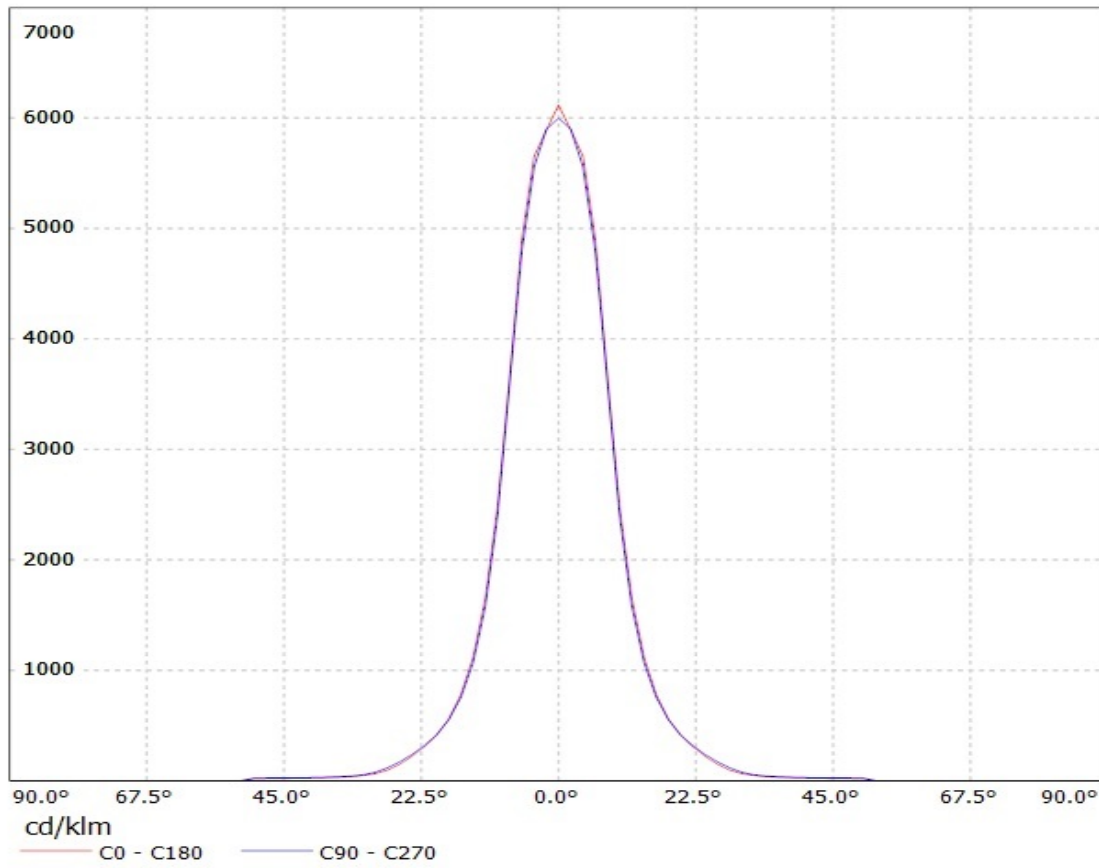
Ledil Oy C11805-Anna-40-6-S-RE C11805-Anna-40-6-S-RE / LDC (Linear)

Luminaire: Ledil Oy C11805-Anna-40-6-S-RE C11805-Anna-40-6-S-RE
Lamps: 1 x Luxeon Rebel (white) 482



Ledil Oy C11805-Anna-40-6-S-RE-ES C11805-Anna-40-6-S-RE-ES / LDC (Linear)

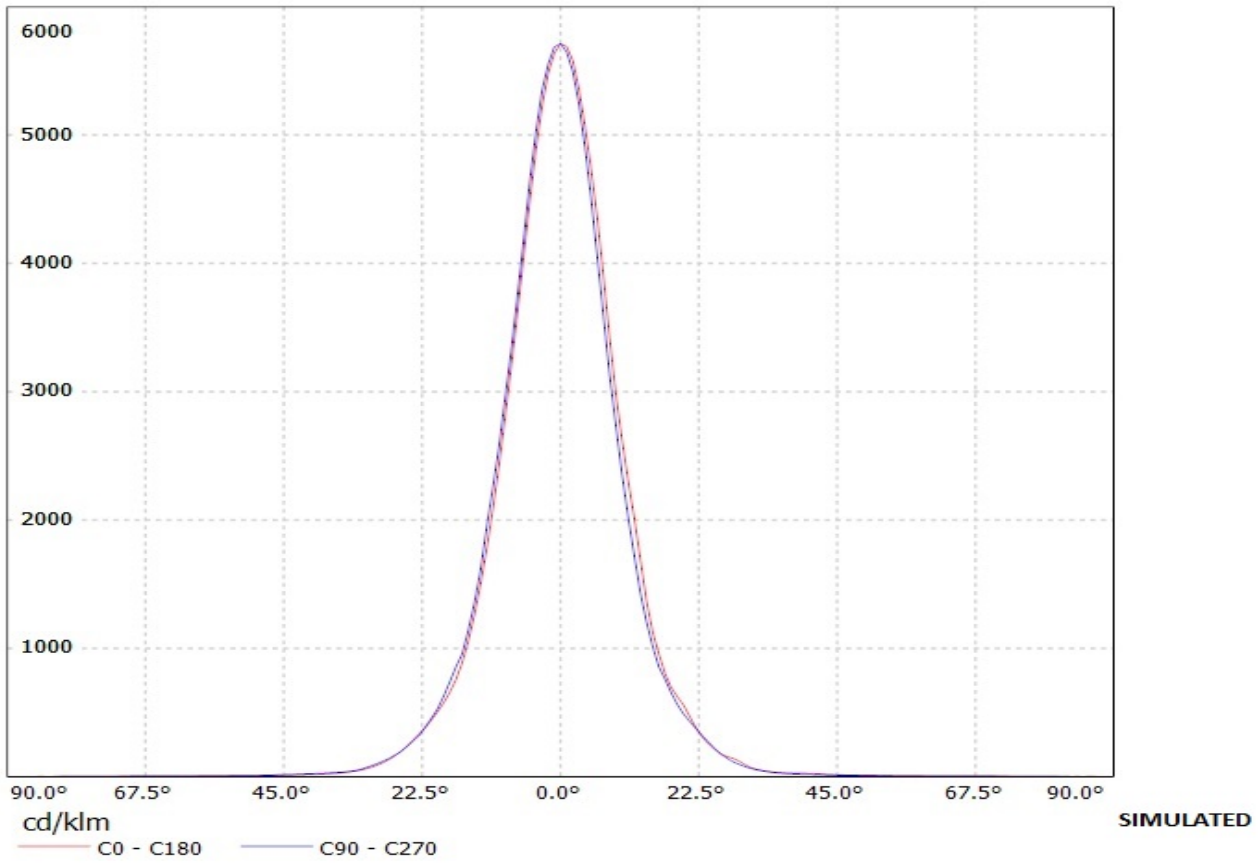
Luminaire: Ledil Oy C11805-Anna-40-6-S-RE-ES C11805-Anna-40-6-S-RE-ES
Lamps: 1 x Luxeon Rebel ES (white)



SIMULATED

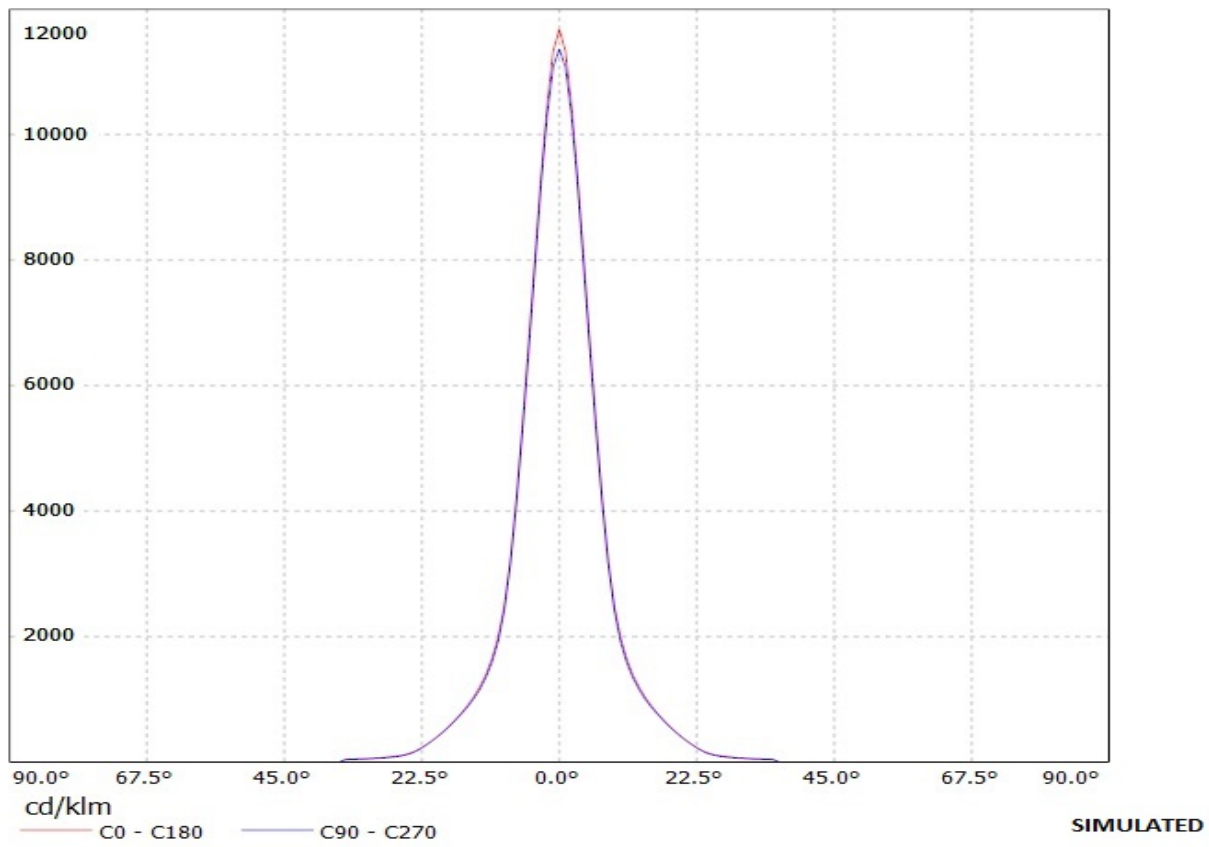
Ledil Oy C11805-Anna-40-6-S-RE-A Efficiency=87% / LDC (Linear)

Luminaire: Ledil Oy C11805-Anna-40-6-S-RE-A Efficiency=87%
Lamps: 1 x Luxeon-A 444lm 250mA



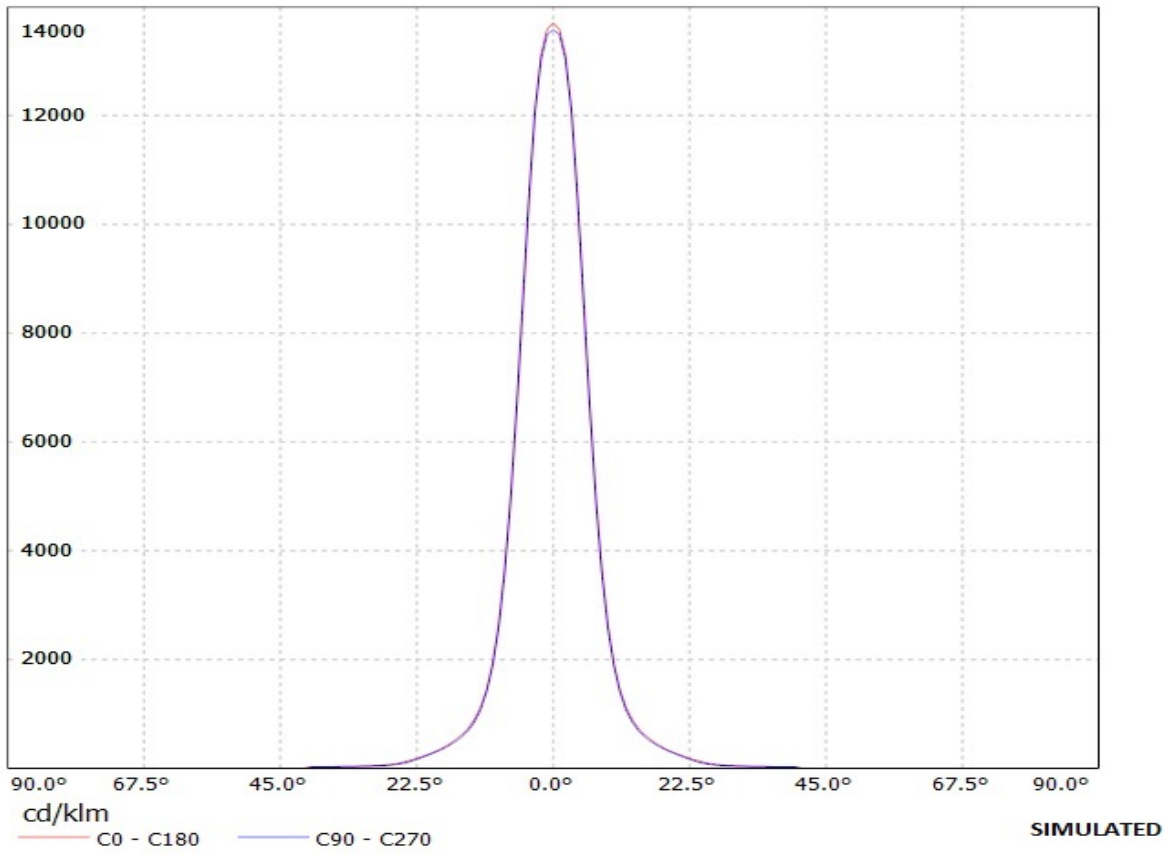
Ledil Oy C11805_Aнна-40-6-S-OSL C11805_Aнна-40-6-S-OSL / LDC (Linear)

Luminaire: Ledil Oy C11805_Aнна-40-6-S-OSL C11805_Aнна-40-6-S-OSL
Lamps: 1 x Osram SSL 80

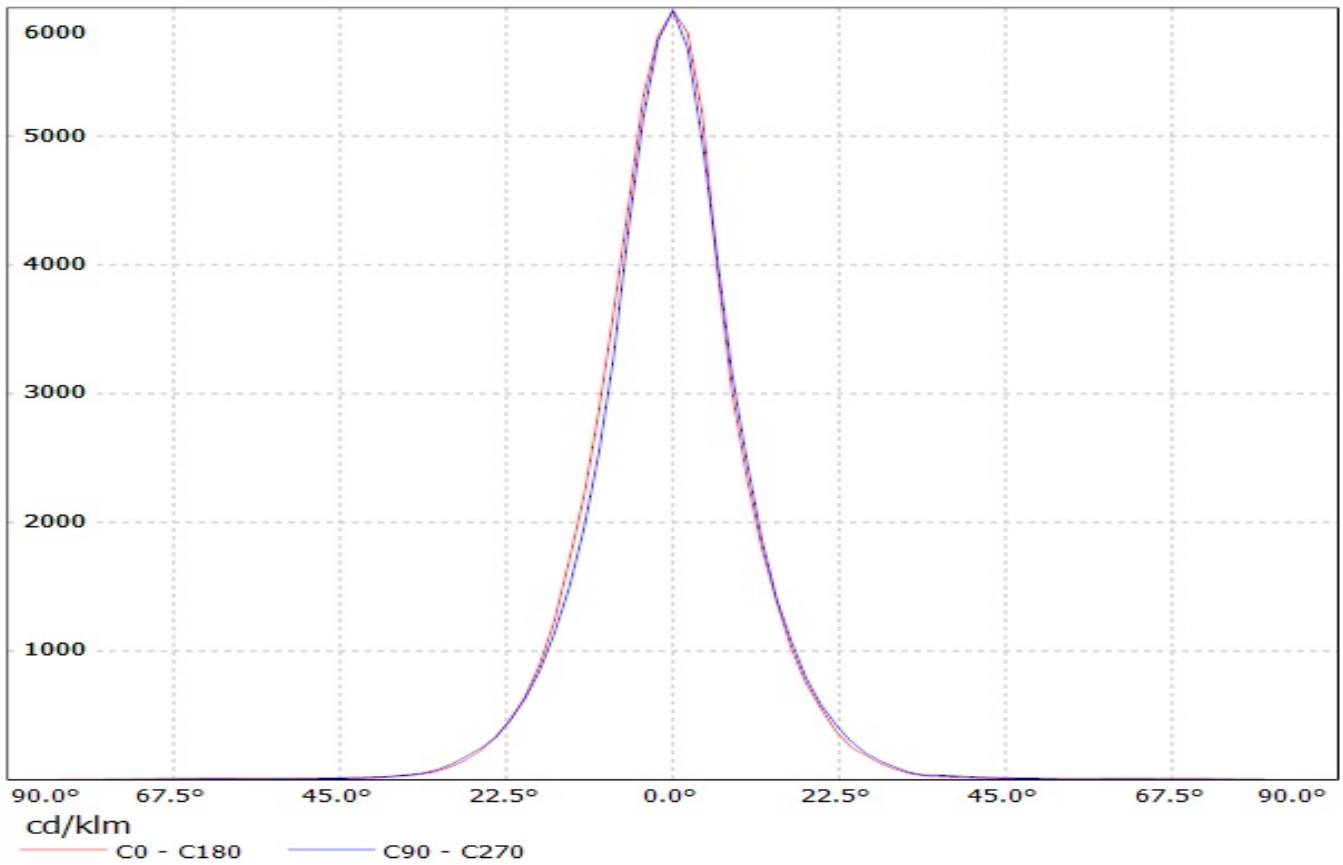


Ledil Oy C11805_Aнна-40-6-S-OSL150 C11805_Aнна-40-6-S-OSL150 / LDC (Linear)

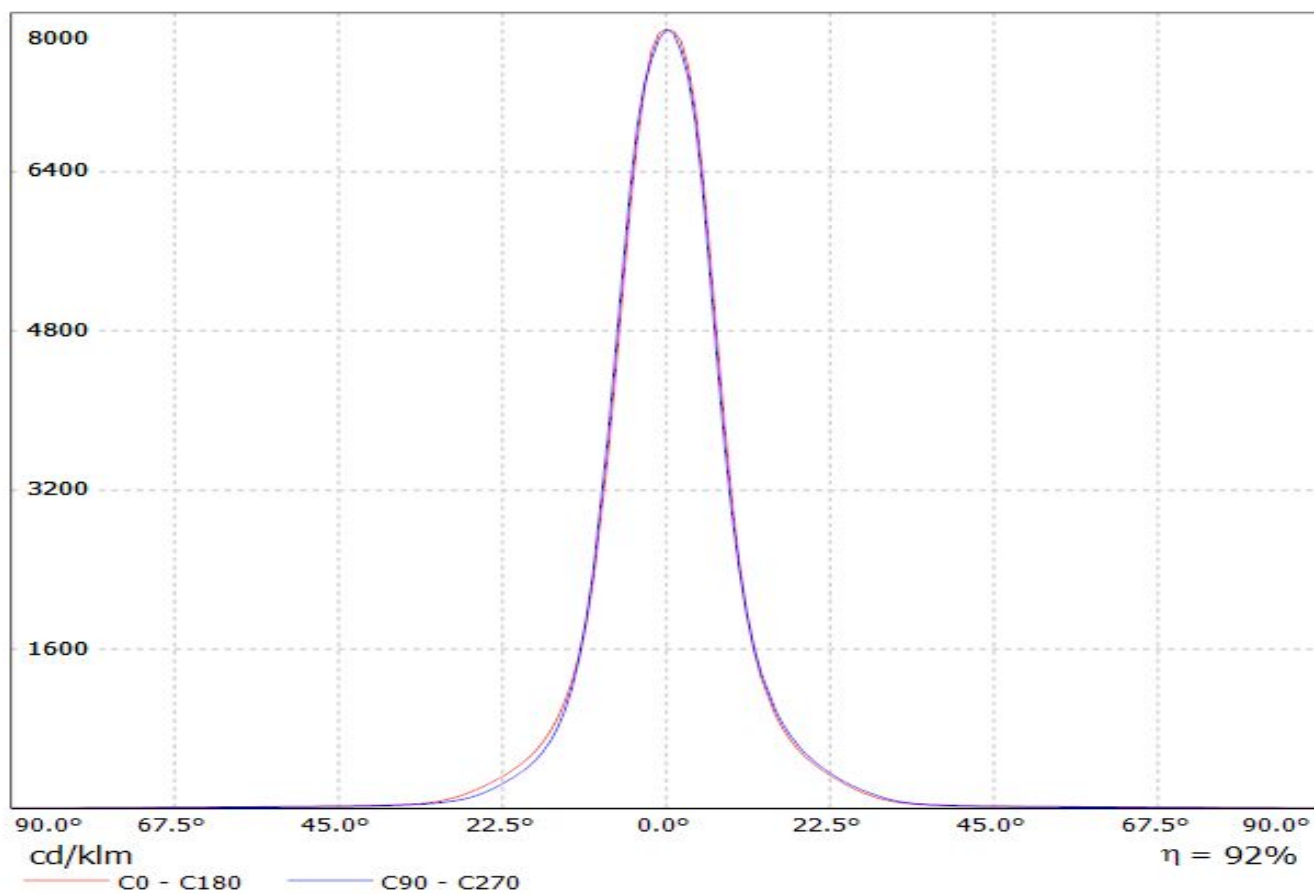
Luminaire: Ledil Oy C11805_Aнна-40-6-S-OSL150 C11805_Aнна-40-6-S-OSL150
Lamps: 1 x Osram SSL 150



Luminaire: LEDil Oy C11805_ANNA-40-6-S_(DURIS_S5) Efficiency=90%
Lamps: 1 x Osram DURIS S5 (GW PSLPS1.EC) 426lm @ 100mA CCT=6300K P=3.7W I=100mA



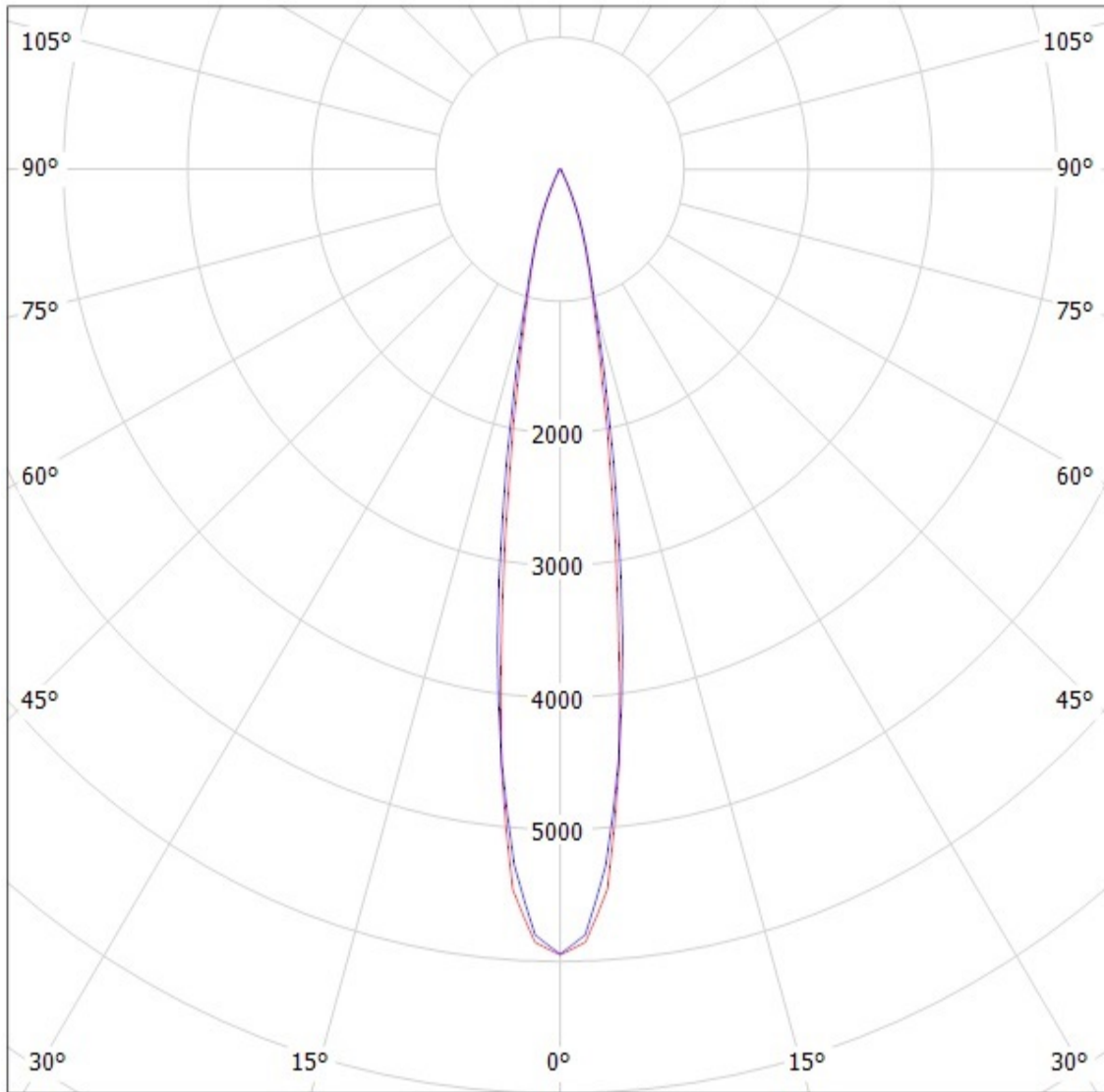
Luminaire: LEDiL Oy C11805_ANNA-40-6-S_(SEOUL_Z5M Eff.92.2%
Lamps: 1 x SEOUL Z5M (526.235lm@250mA)



Ledil Oy C11805_Aнна-40-6-S-XP-G C11805_Aнна-40-6-S-XP-G / LDC (Polar)

Luminaire: Ledil Oy C11805_Aнна-40-6-S-XP-G C11805_Aнна-40-6-S-XP-G

Lamps: 1 x Cree XP-G (White)



cd/klm

— C0 - C180

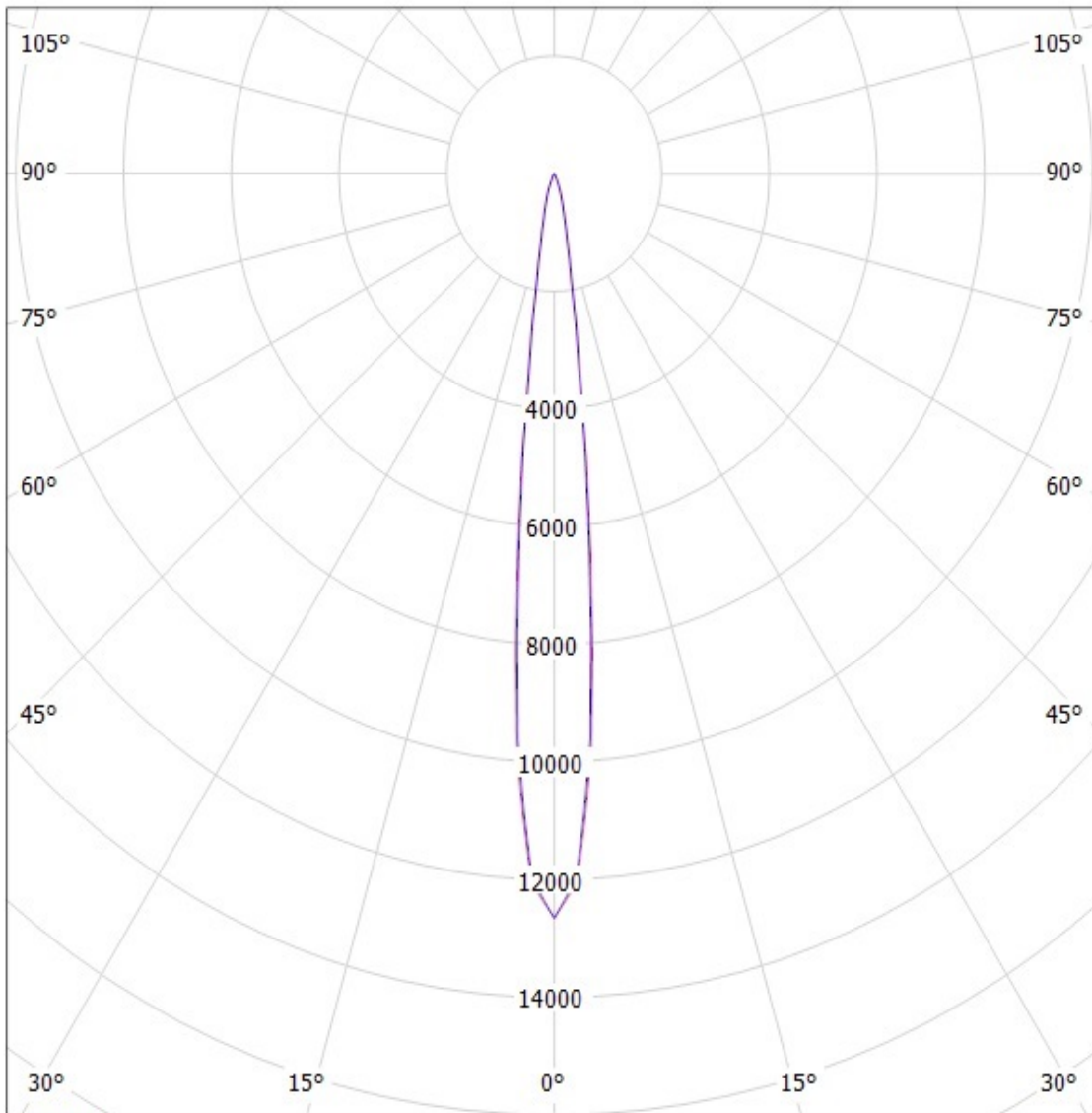
— C90 - C270

SIMULATED

Ledil Oy C11805_AnnA-40-6-S-XP C11805_AnnA-40-6-S-XP / LDC (Polar)

Luminaire: Ledil Oy C11805_AnnA-40-6-S-XP C11805_AnnA-40-6-S-XP

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



cd/klm

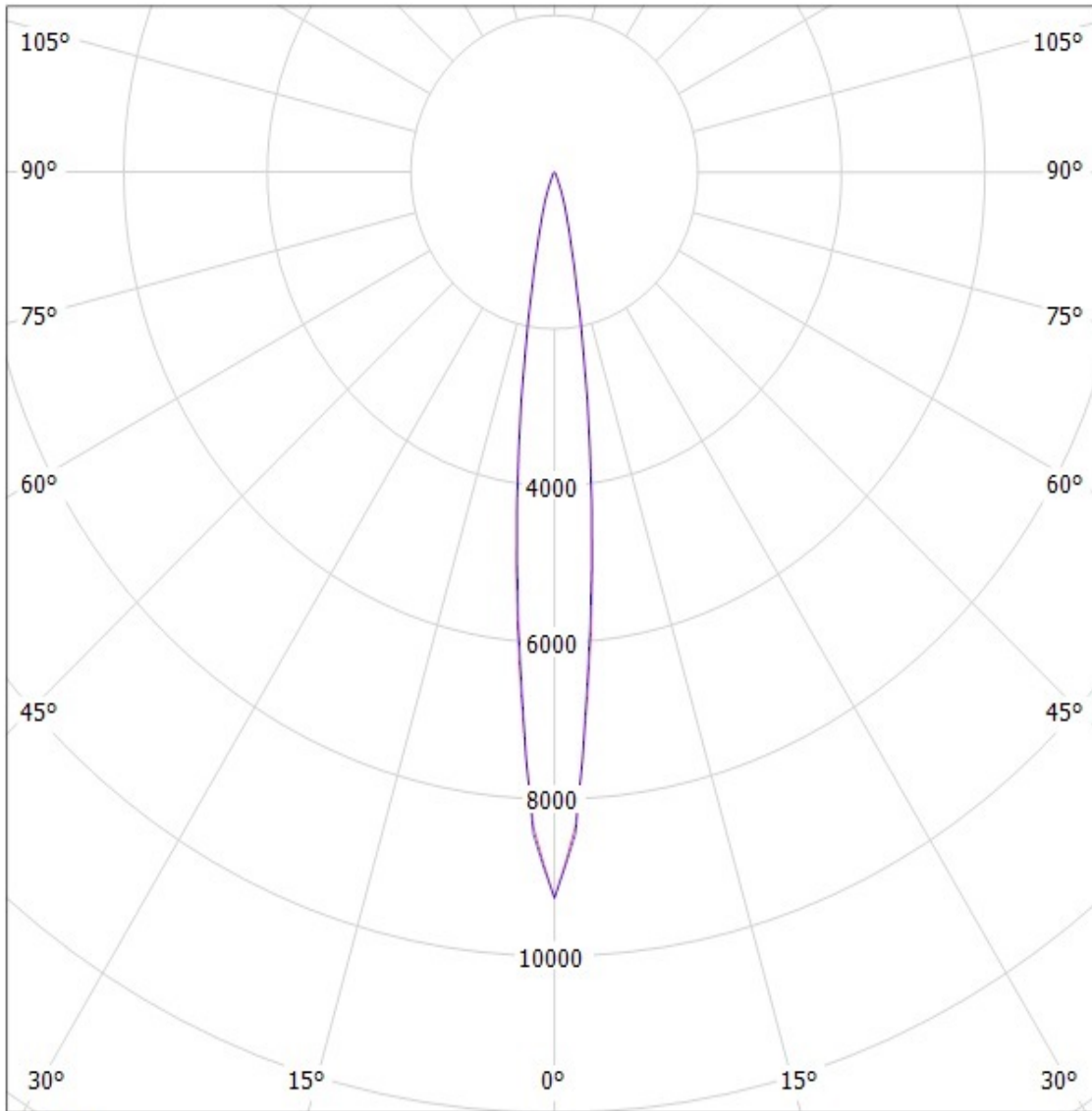
— C0 - C180 — C90 - C270

SIMULATED

Ledil Oy C11805-Anna-40-6-S-RE C11805-Anna-40-6-S-RE / LDC (Polar)

Luminaire: Ledil Oy C11805-Anna-40-6-S-RE C11805-Anna-40-6-S-RE

Lamps: 1 x Luxeon Rebel (white) 482



cd/klm

— C0 - C180

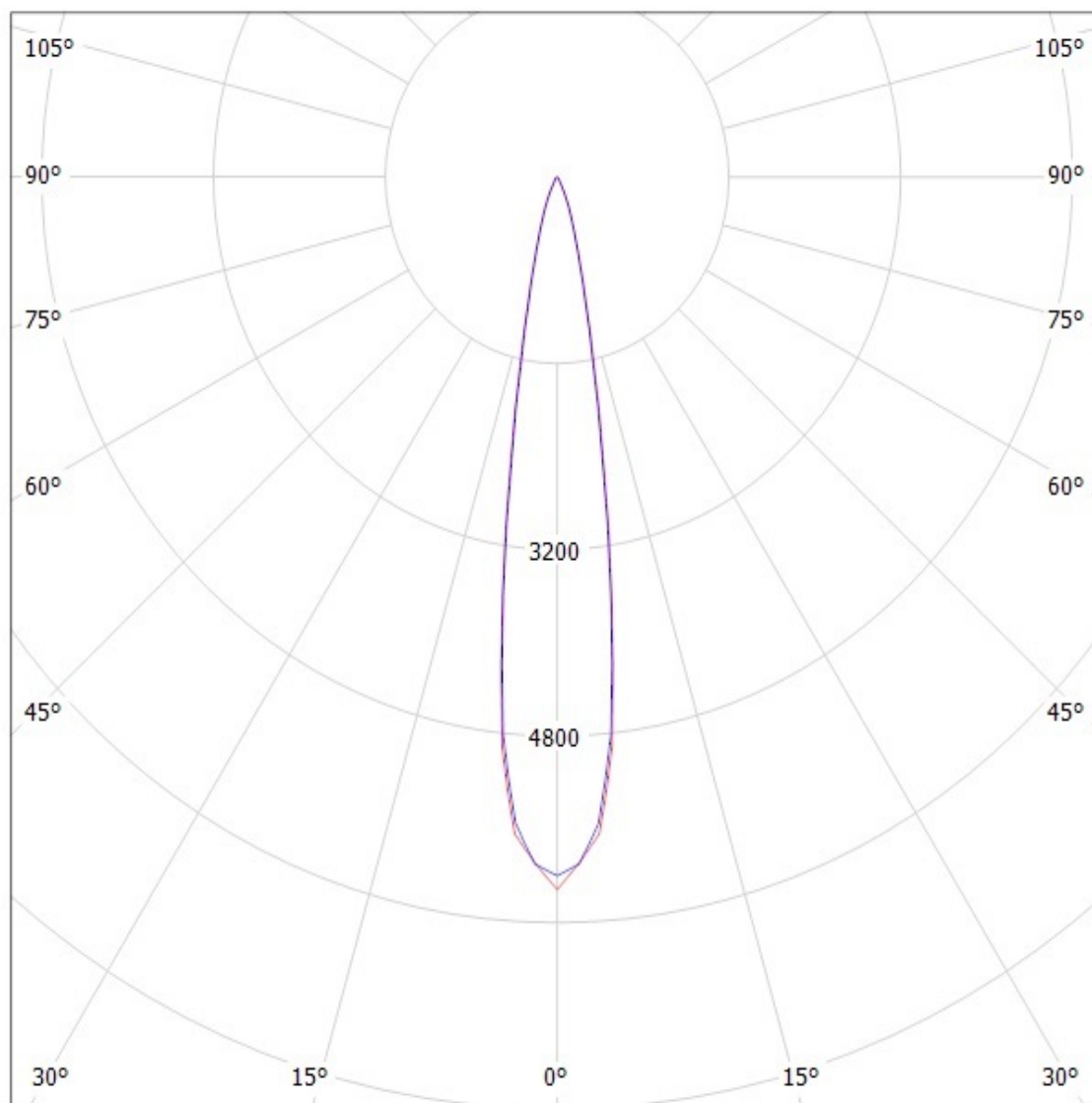
— C90 - C270

SIMULATED

Ledil Oy C11805-Anna-40-6-S-RE-ES C11805-Anna-40-6-S-RE-ES / LDC (Polar)

Luminaire: Ledil Oy C11805-Anna-40-6-S-RE-ES C11805-Anna-40-6-S-RE-ES

Lamps: 1 x Luxeon Rebel ES (white)



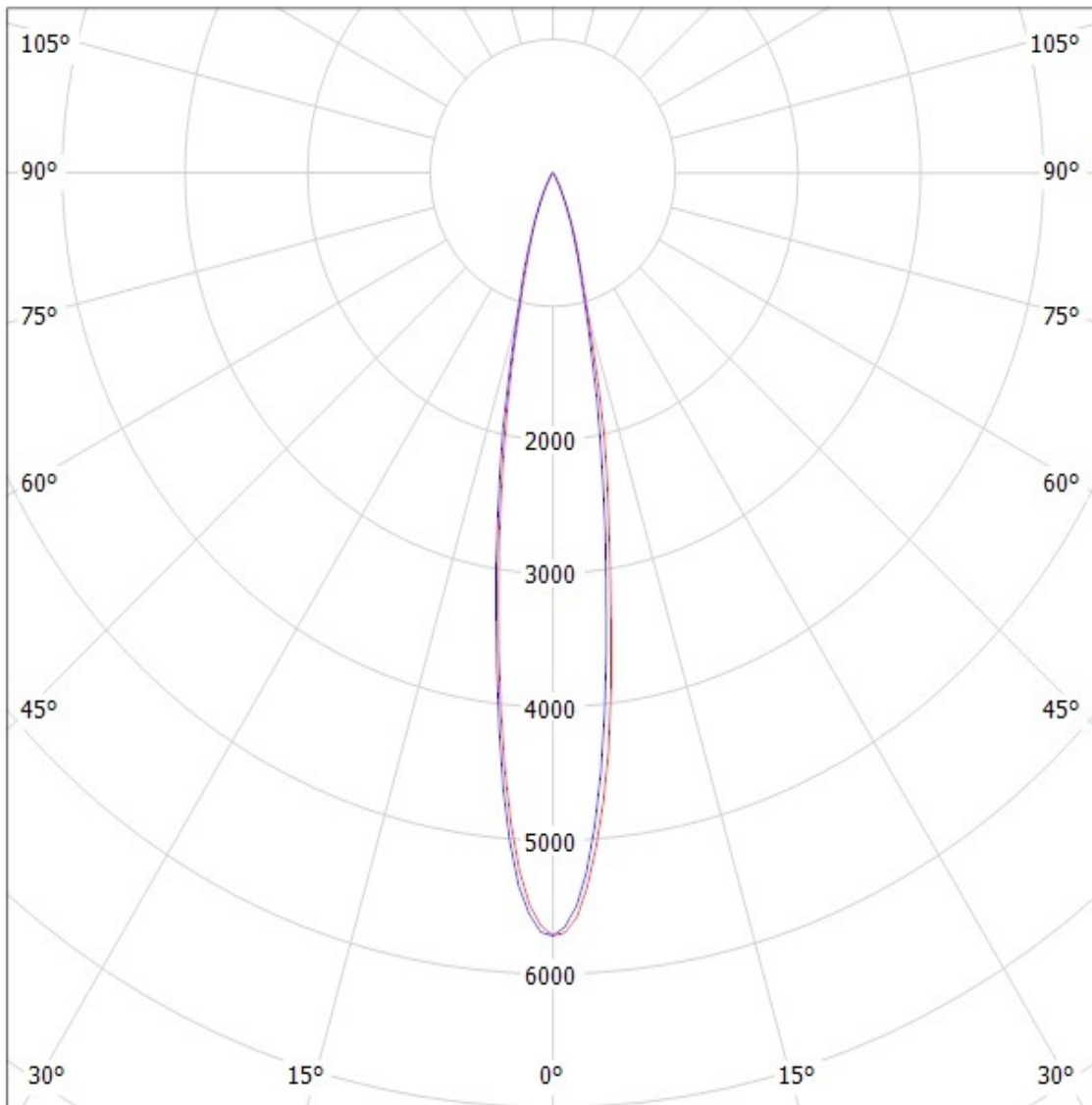
cd/klm

— C0 - C180 — C90 - C270

SIMULATED

Ledil Oy C11805-Anna-40-6-S-RE-A Efficiency=87% / LDC (Polar)

Luminaire: Ledil Oy C11805-Anna-40-6-S-RE-A Efficiency=87%
Lamps: 1 x Luxeon-A 444lm 250mA



cd/klm

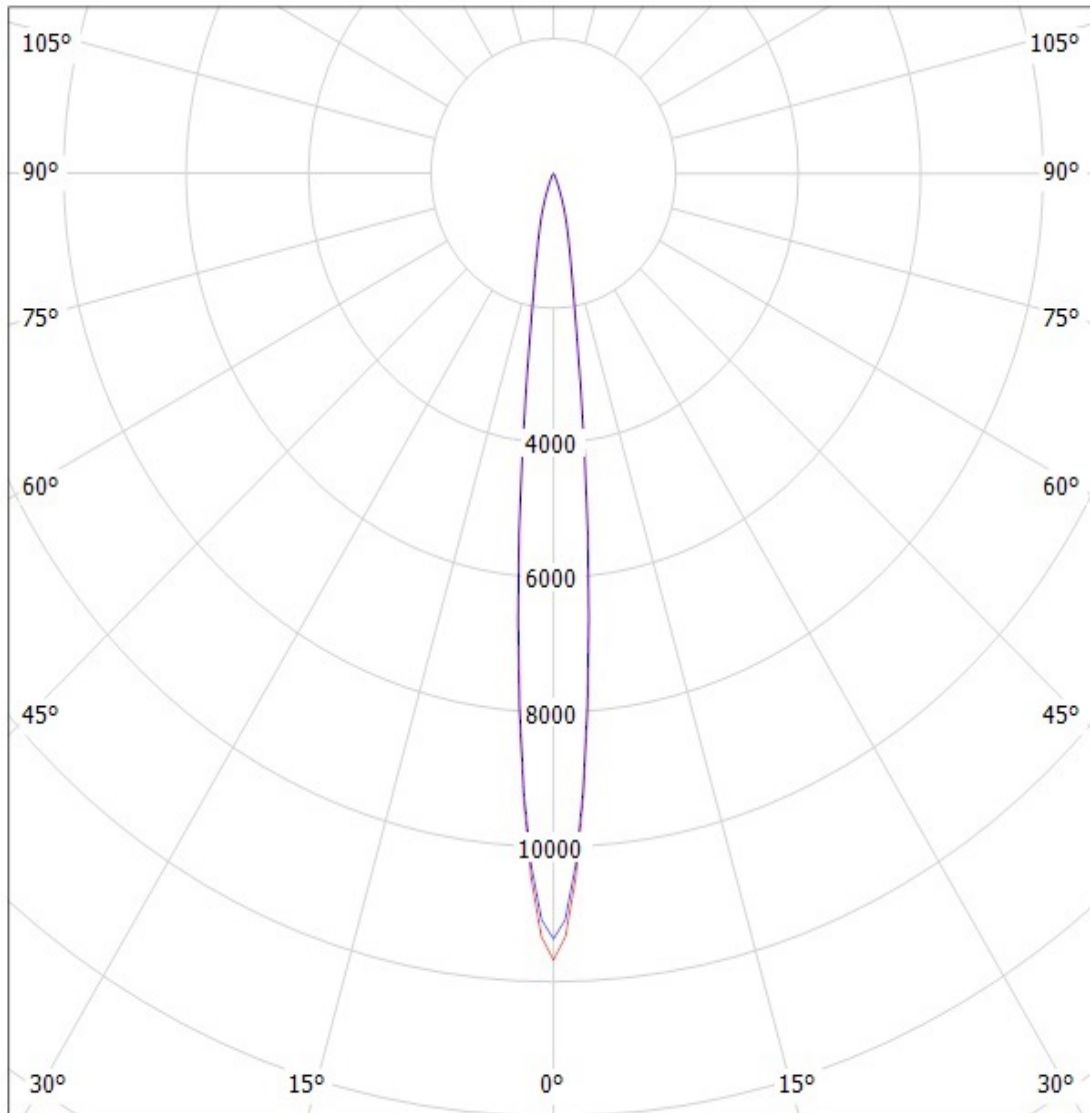
— C0 - C180 — C90 - C270

SIMULATED

Ledil Oy C11805_Ann4-4-6-S-OSL C11805_Ann4-4-6-S-OSL / LDC (Polar)

Luminaire: Ledil Oy C11805_Ann4-4-6-S-OSL C11805_Ann4-4-6-S-OSL

Lamps: 1 x Osram SSL 80



cd/klm

— C0 - C180

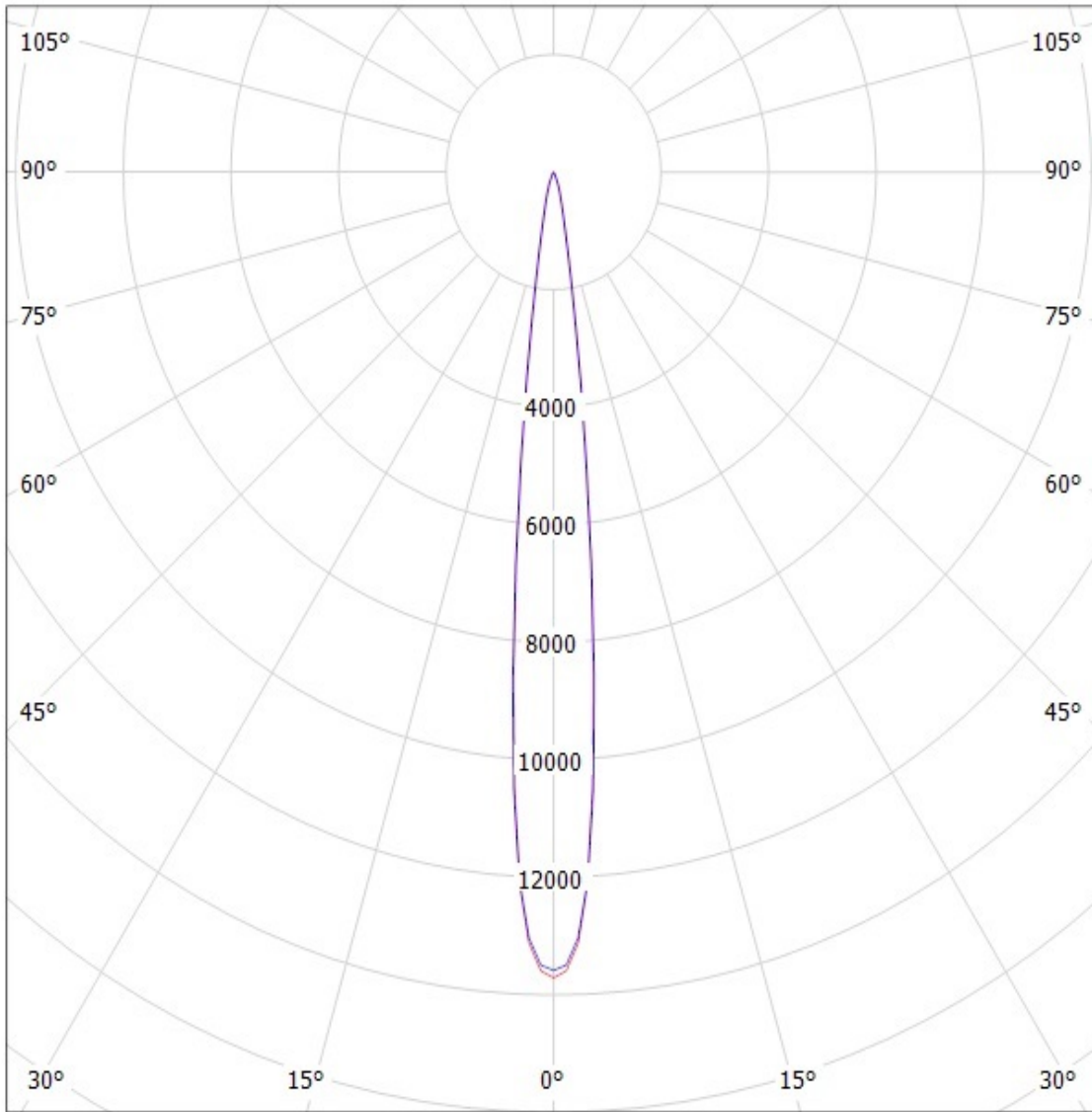
— C90 - C270

SIMULATED

Ledil Oy C11805_Aнна-40-6-S-OSL150 C11805_Aнна-40-6-S-OSL150 / LDC (Polar)

Luminaire: Ledil Oy C11805_Aнна-40-6-S-OSL150 C11805_Aнна-40-6-S-OSL150

Lamps: 1 x Osram SSL 150

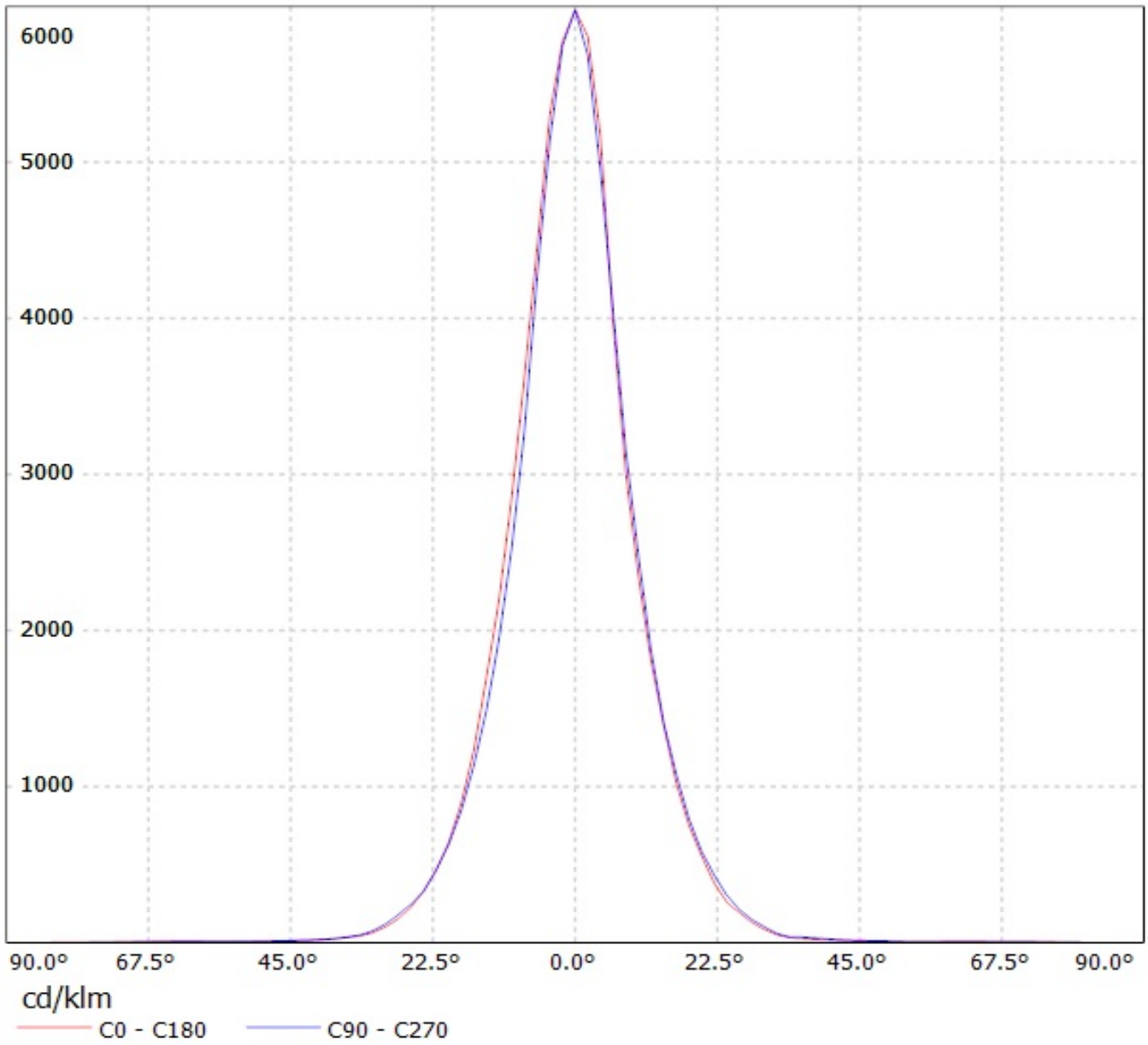


cd/klm

— C0 - C180 — C90 - C270

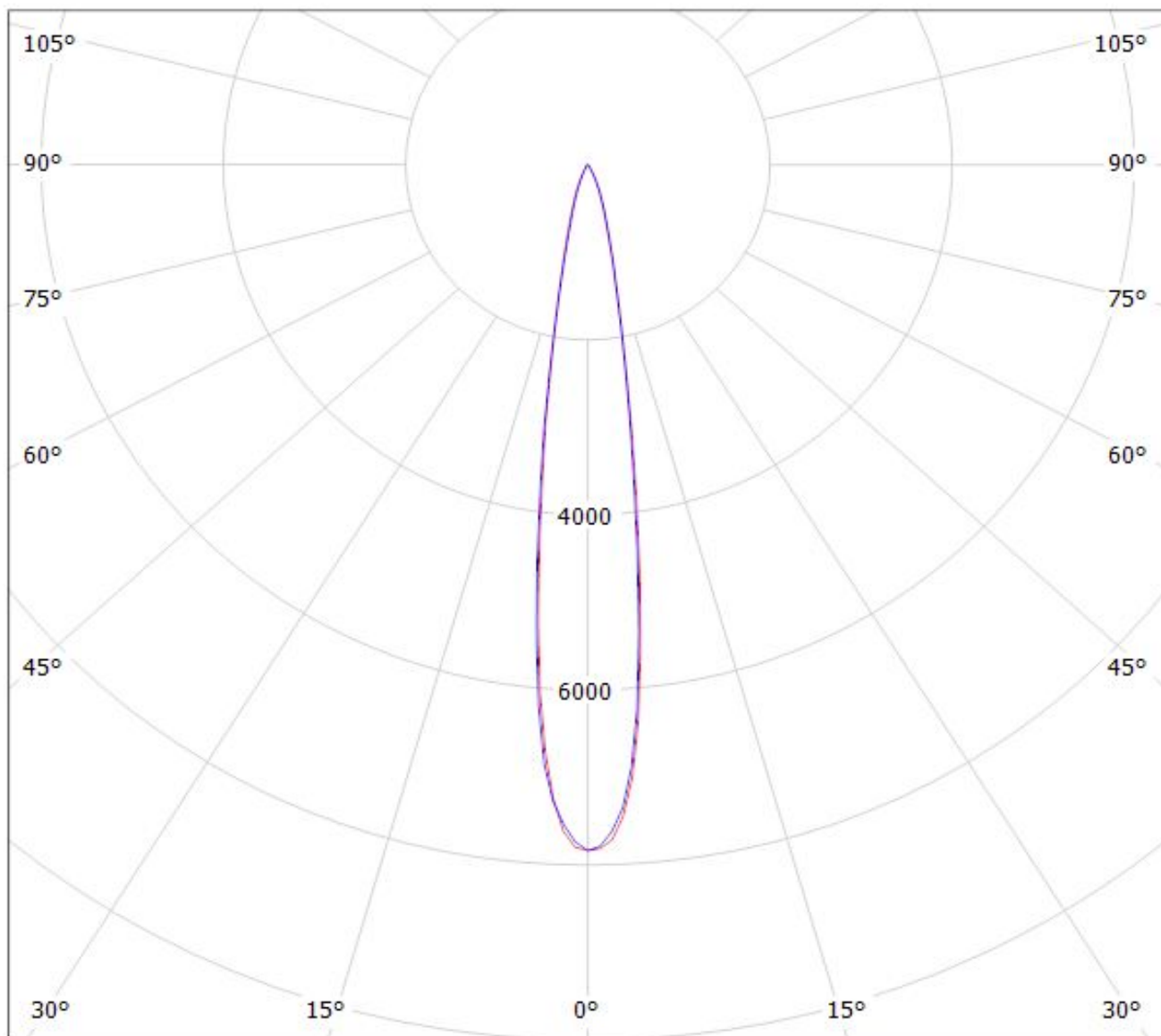
SIMULATED

Luminaire: LEDil Oy C11805_ANNA-40-6-S_(DURIS_S5) Efficiency=90%
Lamps: 1 x Osram DURIS S5 (GW PSLPS1.EC) 426lm @ 100mA CCT=6300K P=3.7W I=100mA



Luminaire: LEDiL Oy C11805_ANNA-40-6-S_(SEOUL_Z5M Eff.92.2%

Lamps: 1 x SEOUL Z5M (526.235lm@250mA)



cd/klm

— C0 - C180

— C90 - C270

$\eta = 92\%$

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.