

PRODUCT DATASHEET

Laura series

last update 4/4/2016

DETAILS

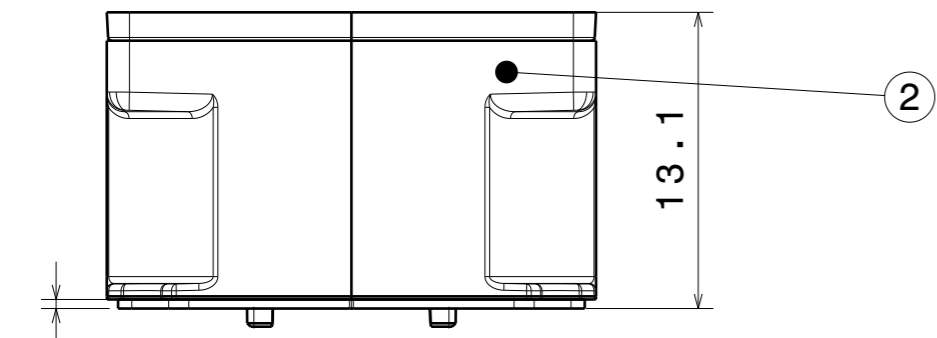
Product Number	CA13312_LAURA-SS-WAS-PIN
Family	Laura
Type	Assembly
Color	white
Diameter	21,6 x 21,6 mm
Height	13,1 mm
Style	square
Optic Material	PMMA
Holder Material	
Fastening	tape, pin
Status	production ready
ROHS Compliant	Yes
Date Updated	4/04/2016

OPTICAL PROPERTIES

LED	Viewing Angle	Light Beam	Efficiency	cd/lm	Connector
XP-E	Asymmetric deg	Asymmetric	92 %	11.600	-
XB-D	Asymmetric deg	Asymmetric	93 %	9.200	-
XP-G	Asymmetric deg	Asymmetric	91 %	8.000	-
XT-E	Asymmetric deg	Asymmetric	93 %	9.500	-
XP-G2	asymmetric deg	Asymmetric	91 %	11.800	-
LUXEON Rebel	Asymmetric deg	Asymmetric	92 %	13.300	-
LUXEON A	Asymmetric deg	Asymmetric	93 %	9.100	-
LUXEON Q	asymmetric deg	Asymmetric	91 %	10.300	-
NCSxx19A	Asymmetric deg	Asymmetric	92 %	10.300	-
NVSxx19A	Asymmetric deg	Asymmetric	93 %	9.500	-
NCSxx19B	asymmetric deg	Asymmetric	90 %	13.100	-
Oslon SSL 80	Asymmetric deg	Asymmetric	89 %	11.100	-
Oslon SSL 150	Asymmetric deg	Asymmetric	90 %	12.200	-
Oslon Square EC	Asymmetric deg	Asymmetric	90 %	9.600	-

H G F E D C B A

4



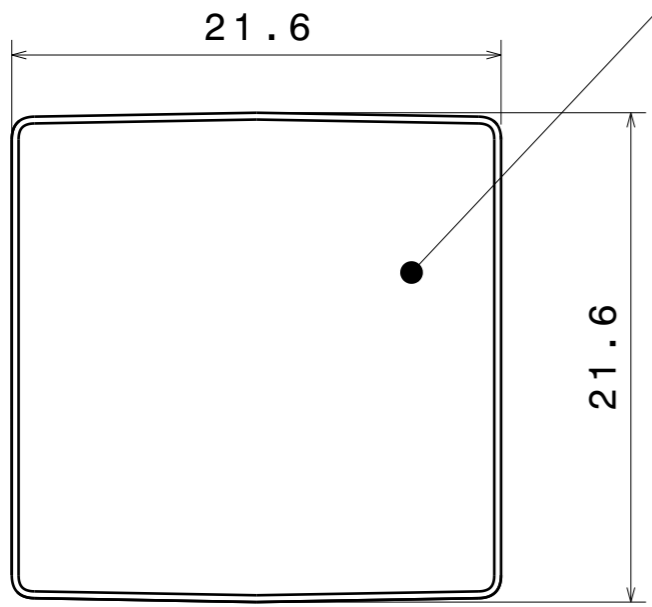
Front view

0.4

13.1

2

3



Top view

21.6

21.6

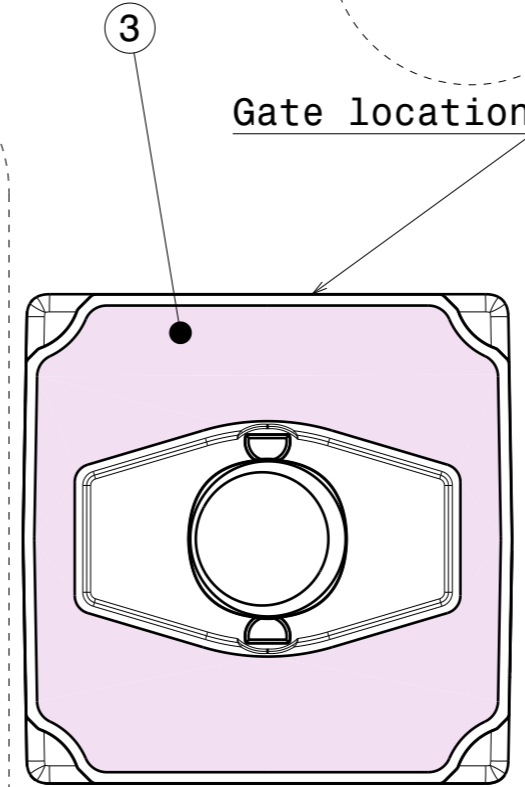
1

2

Tilt direction

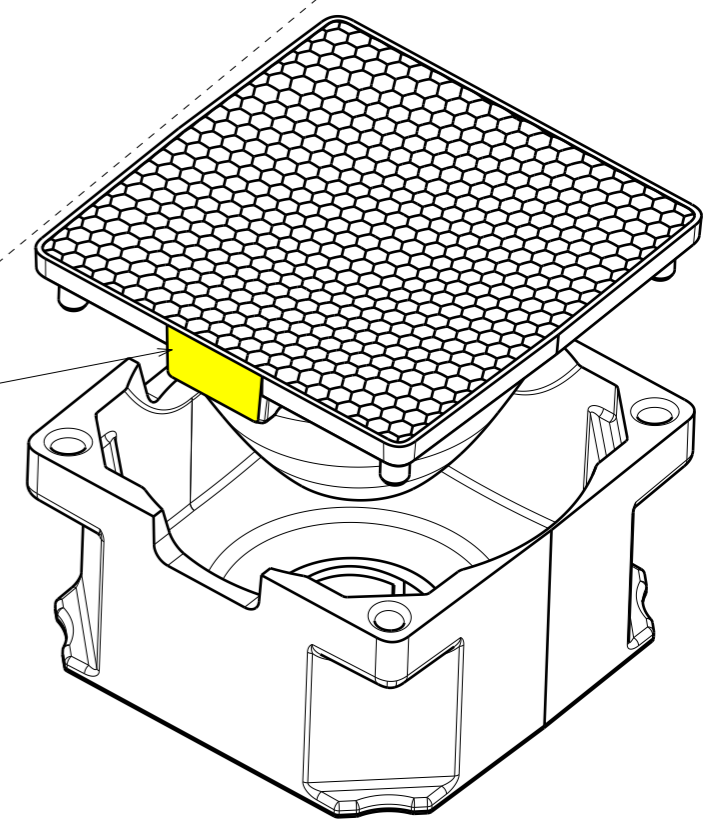
Tilt direction

Gate location



Bottom view

3



Isometric view

INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	C12724	LAURA-SS-WAS	PMMA	Clear
2	C11835	LAURA-PIN-XP-HLD-WHT	PC	White
3	C10278	ROSE-TAPE	2 sided tape	Black

Tolerances if not otherwise shown
According to DIN ISO 2768-1
Linear measures:
Up to 30mm class M, otherwise class C.
According to DIN ISO 2768-2
Form and position: class L

LEDiL LediL Oy
Salorankatu 10
FIN 24240 SALO
Finland

THIRD ANGLE PROJECTION:

DRAWING TITLE
Datasheet_LAURA-SS-WAS-PIN

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SIZE PART NUMBER
A3 LAURA-SS-WAS-PIN

SCALE 3:1 WEIGHT 4,25 g SHEET 1/1

H G B A

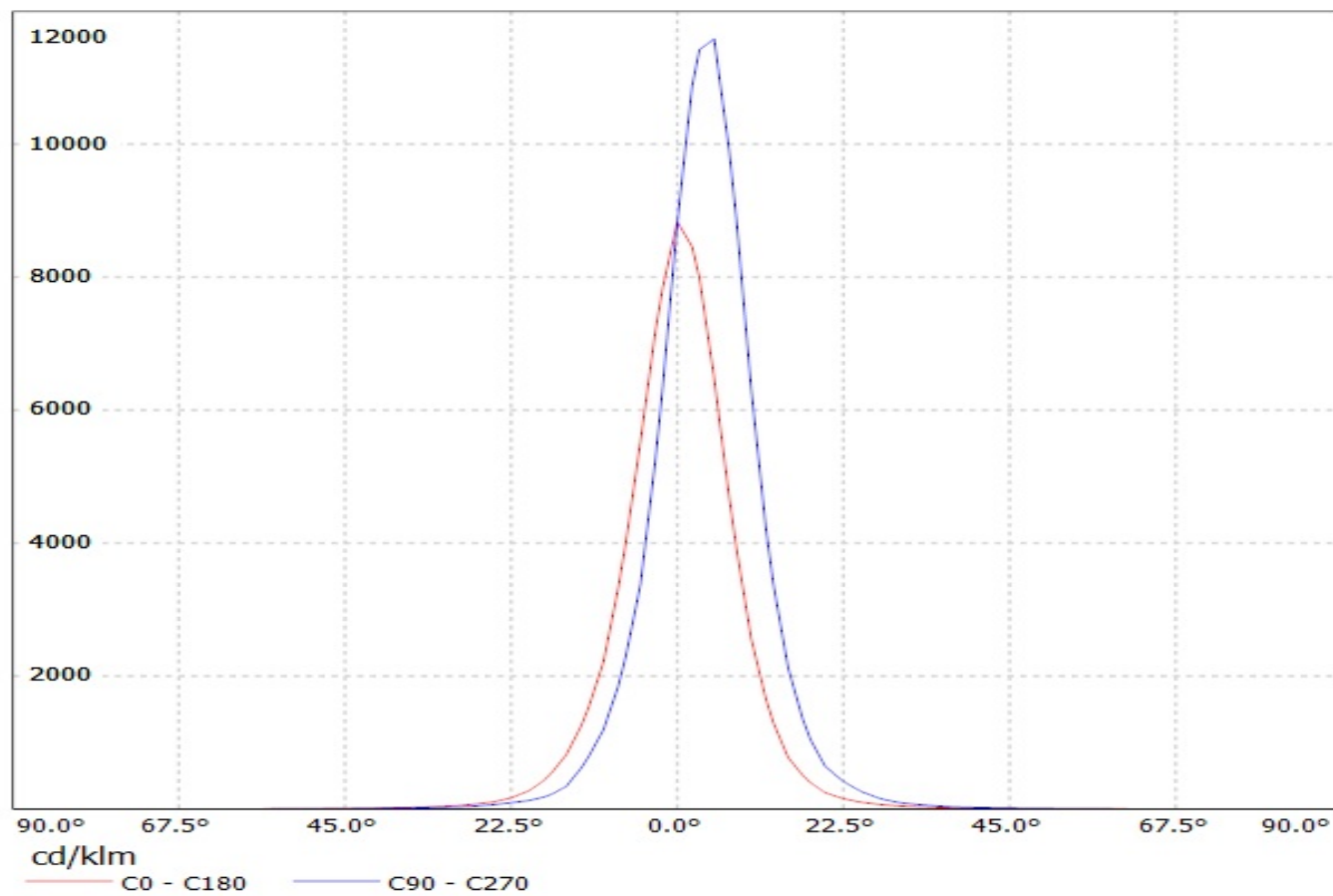
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3

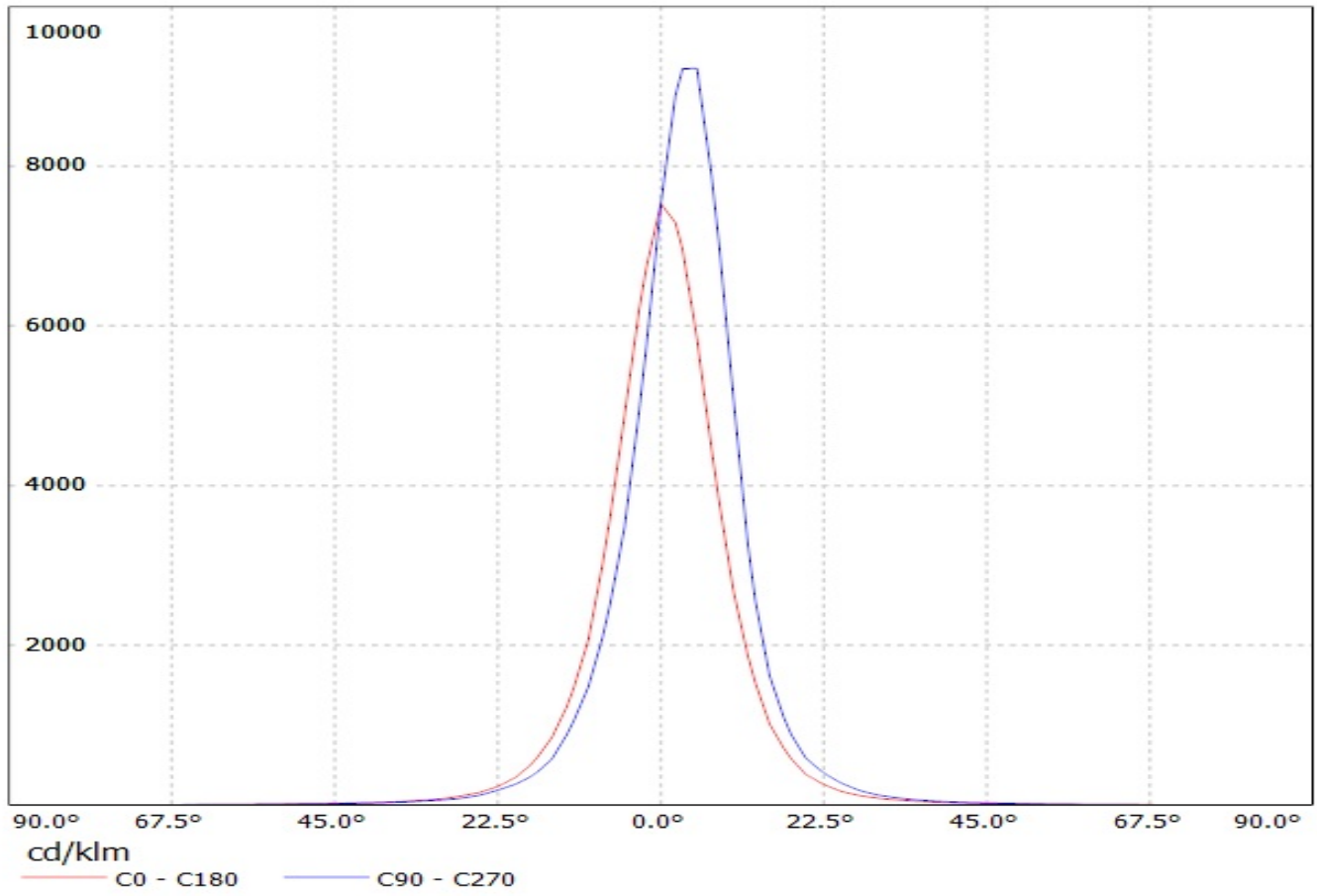
2

1

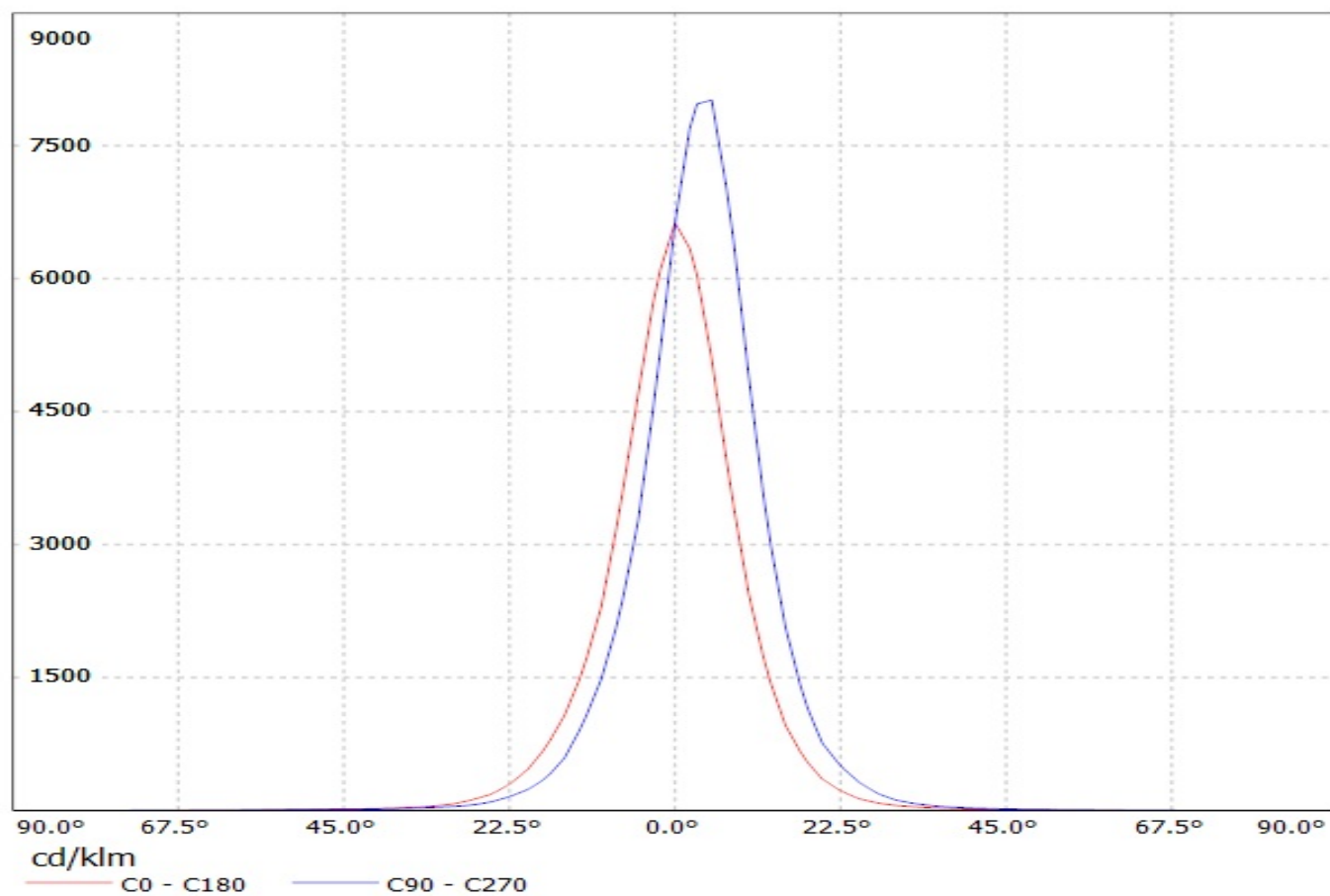
Luminaire: Ledil Oy CP13311&CA13312_LAURA-SS-WAS (Cree XP-E 70lm @ 250mA) Efficiency=92%
Lamps: 1 x Cree XP-E 70lm @ 250mA



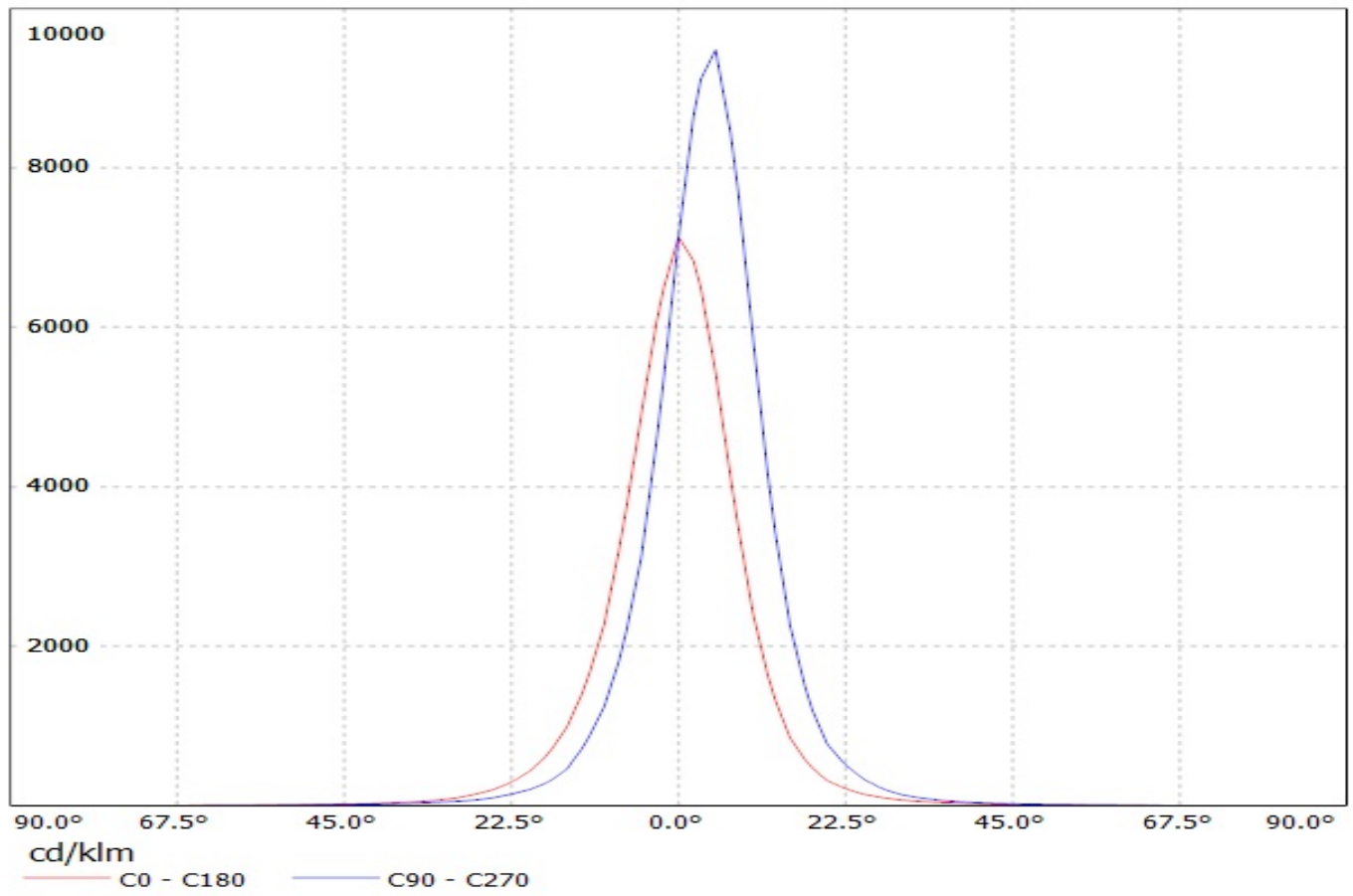
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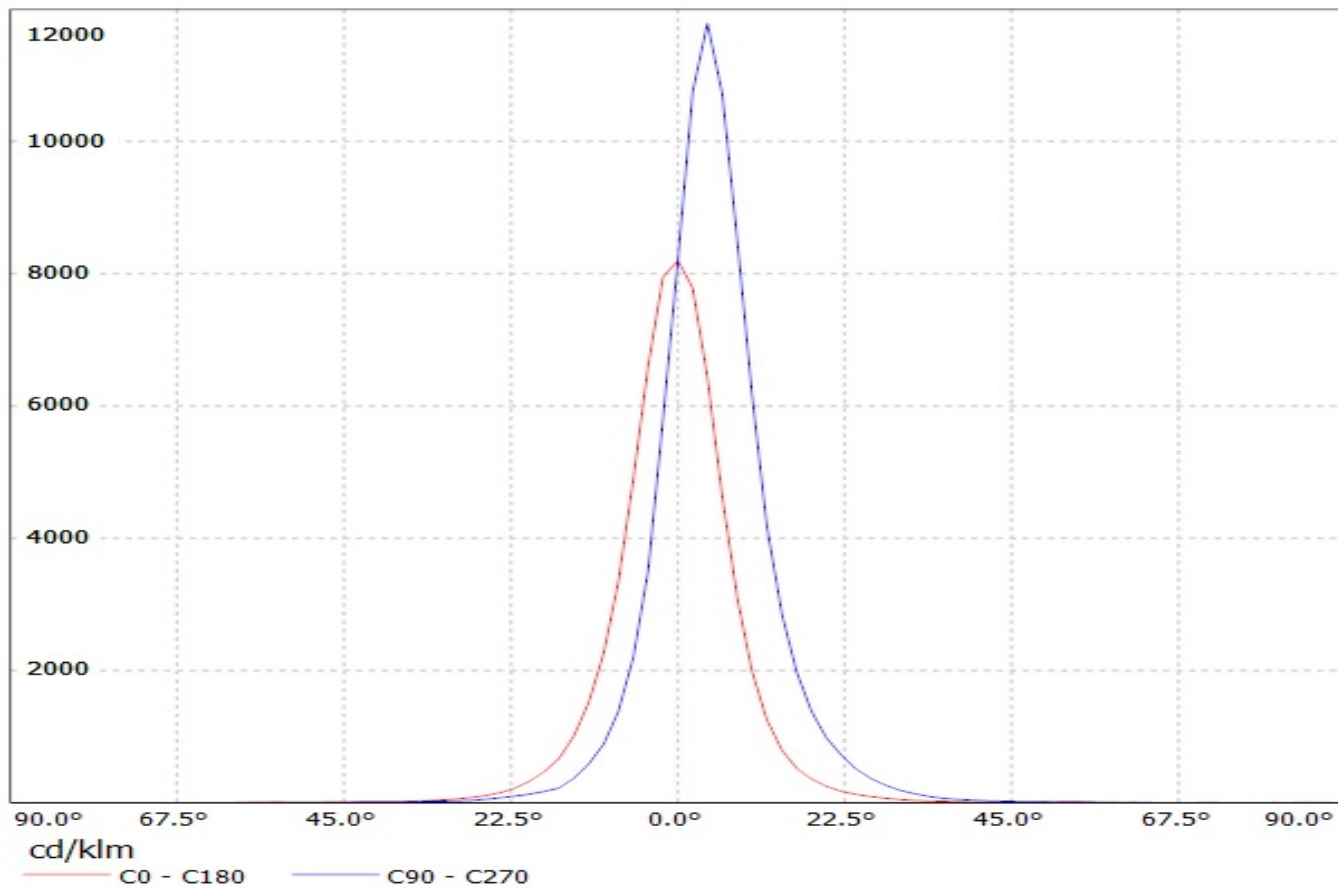
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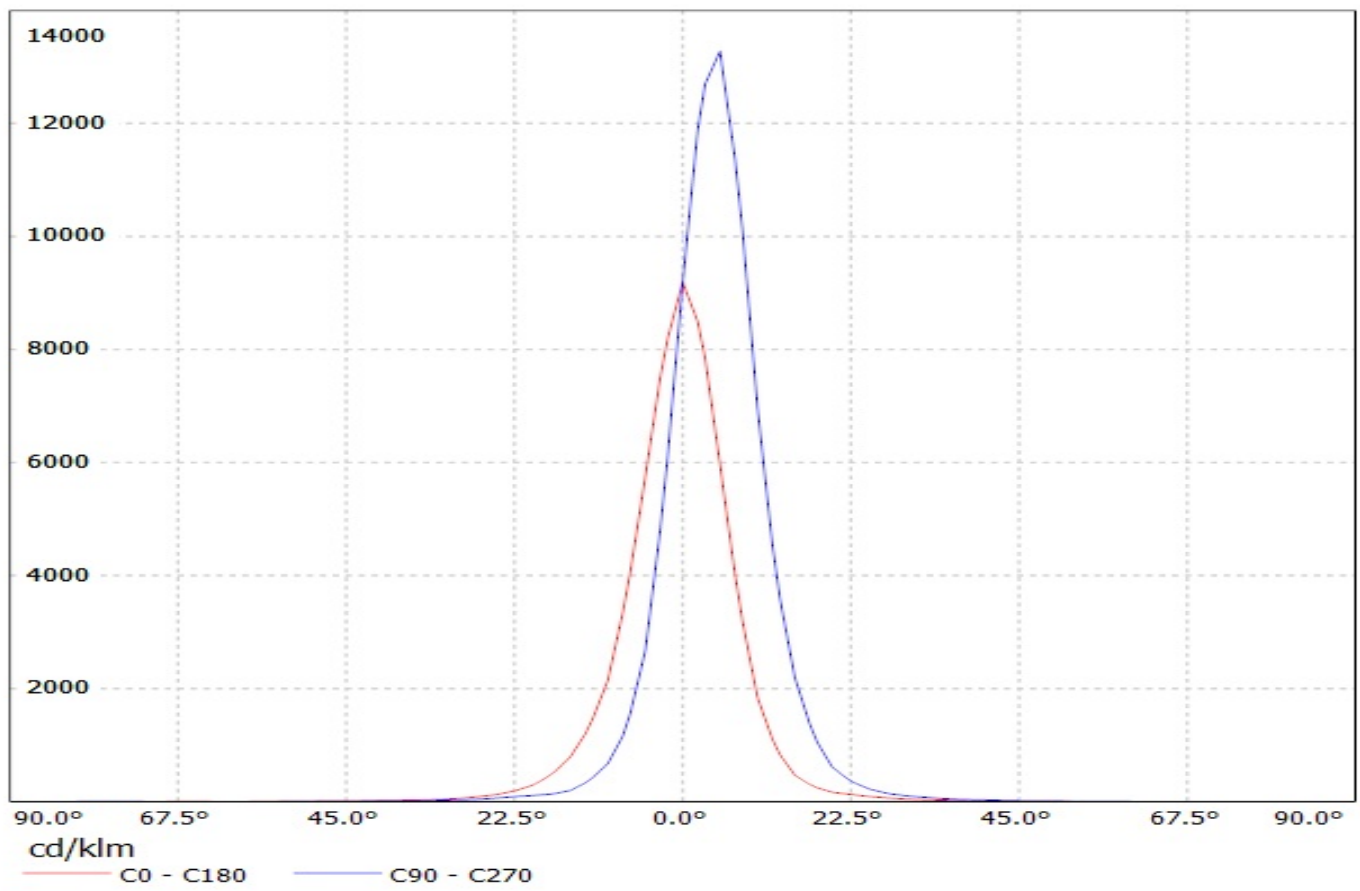
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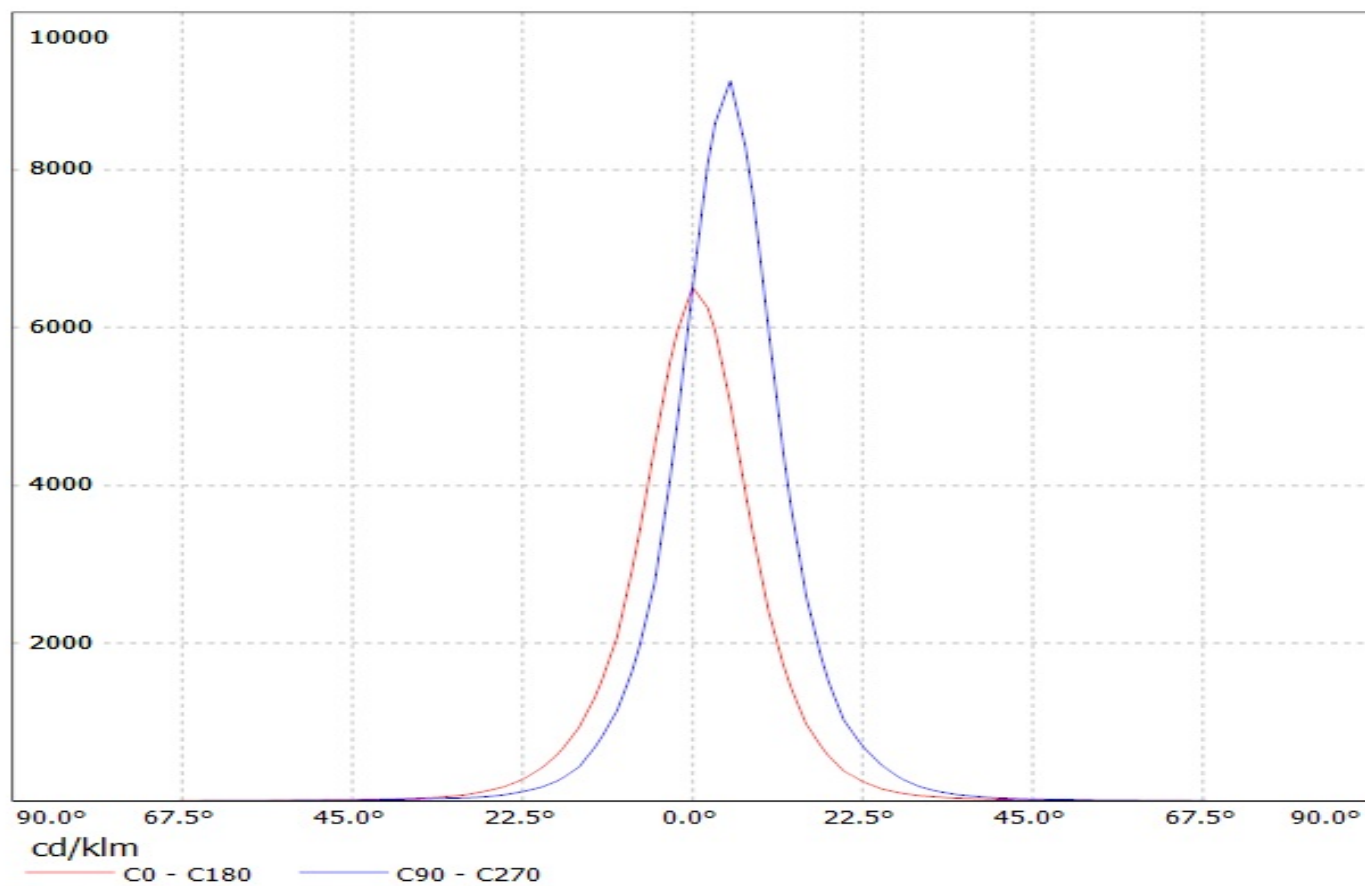
Luminaire: LEDil Oy CA13312_LAURA-SS-WAS-PIN_(XP-G2) Efficiency=91%
Lamps: 1 x Cree XP-G2 (XPGBWT-L1-0000-00FE4) 101lm @ 250mA CCT=6600K P=0.7W I=250mA



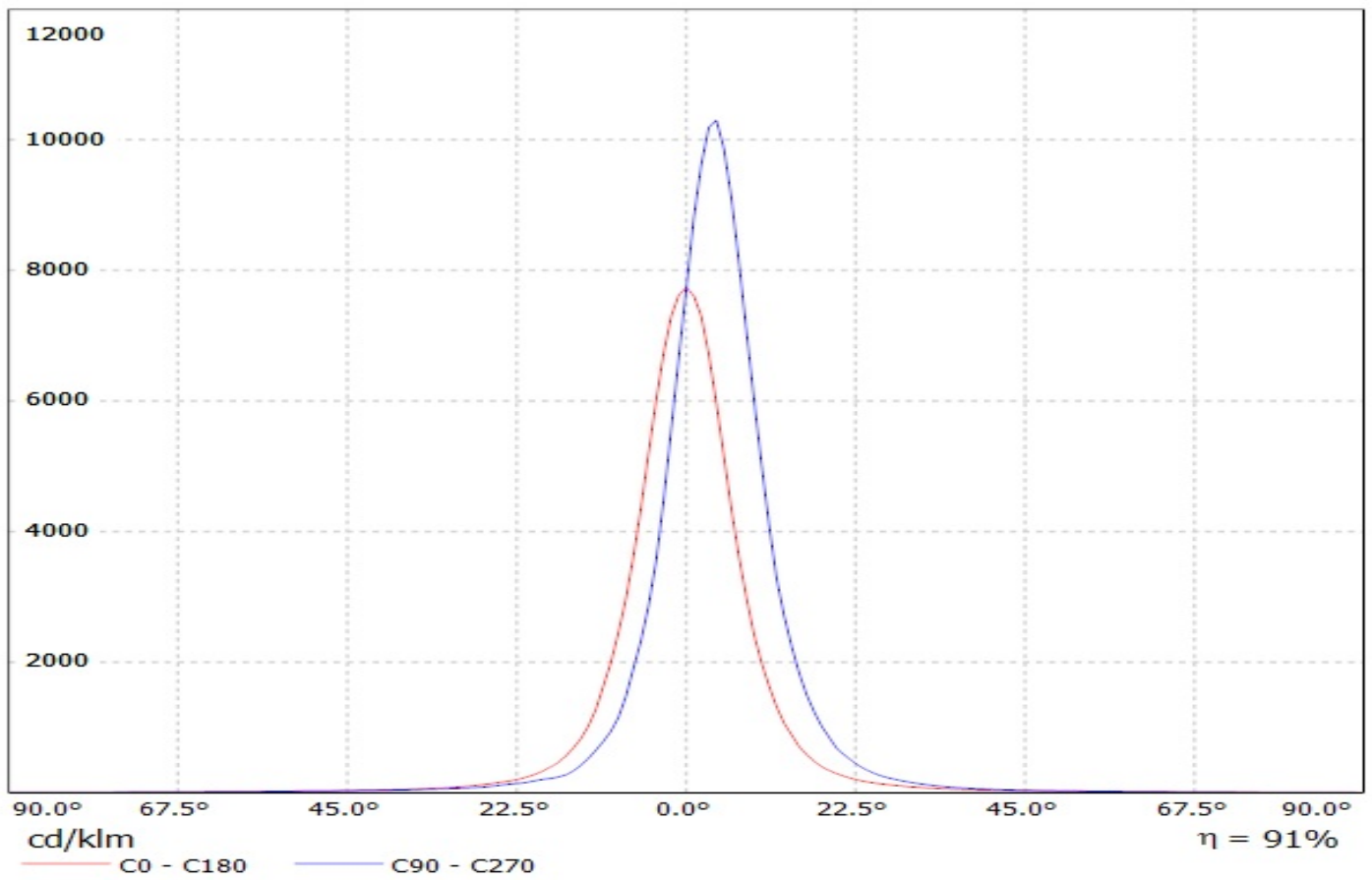
Luminaire: Ledil Oy CP13311_LAURA-SS-WAS (Luxeon Rebel 80lm @ 250mA) Efficiency=92%
Lamps: 1 x Luxeon Rebel 80lm @ 250mA



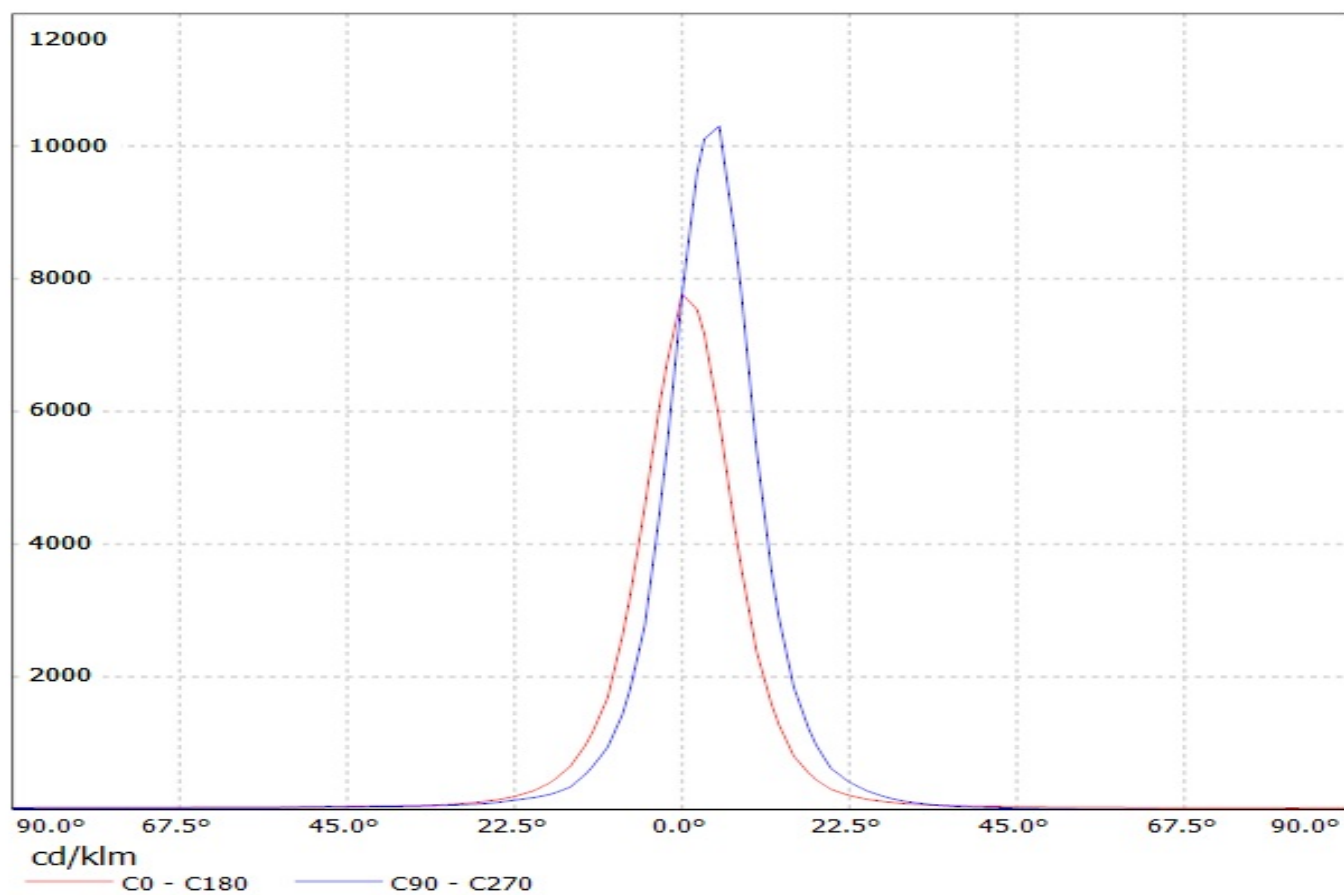
Luminaire: Ledil Oy CP13311&CA13312_LAURA-SS-WAS (Luxeon A 64lm @ 250mA) Efficiency=93%
Lamps: 1 x Luxeon A 64lm @ 250mA



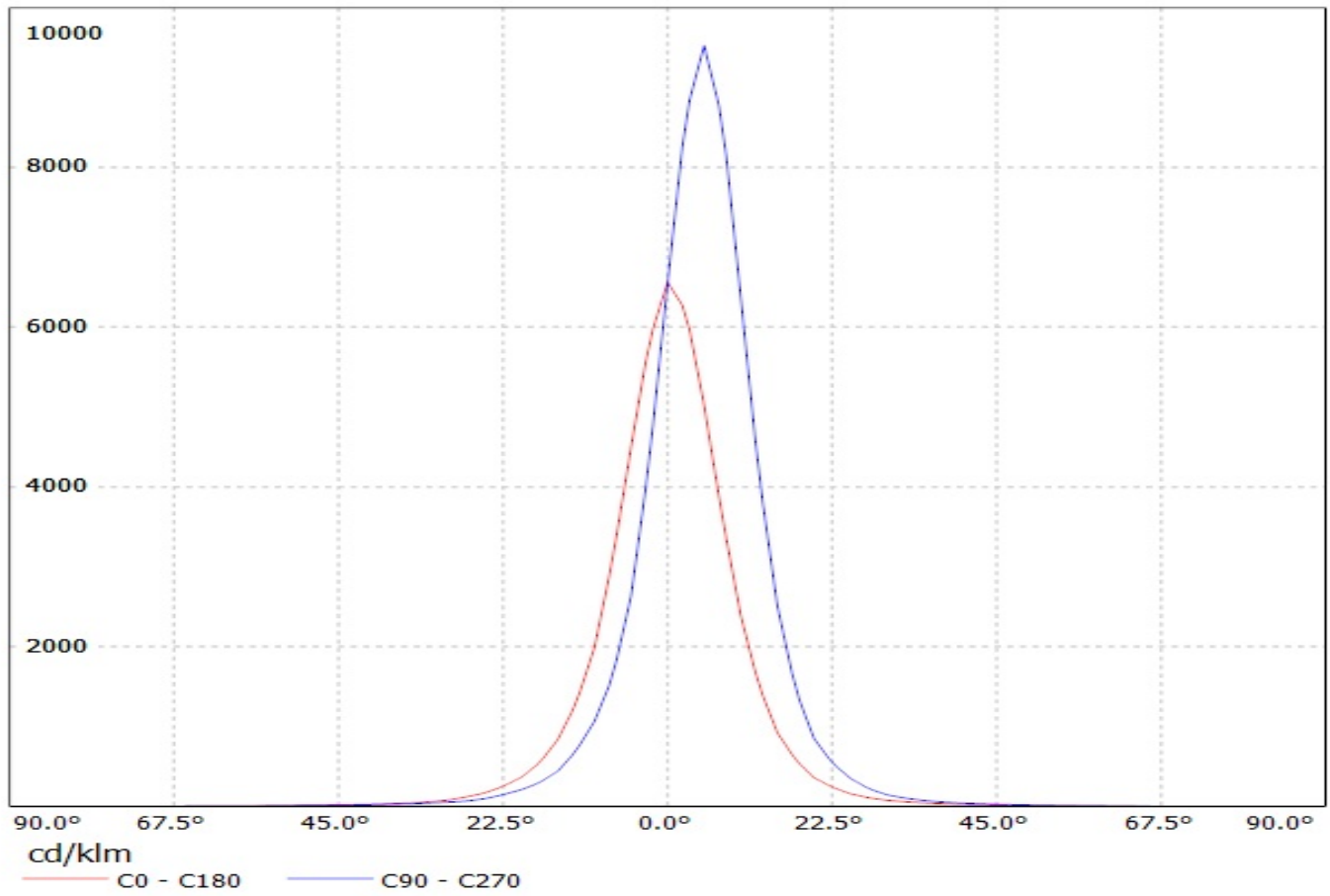
Luminaire: LEDiL Oy CA13312_LAURA-SS-WAS-PIN_(LUXEON_Q) Eff. 91%
Lamps: 1 x LUXEON_Q_(LHQ-3080)_79.56lm@250mA_P=0.753249W_I=249.9mA



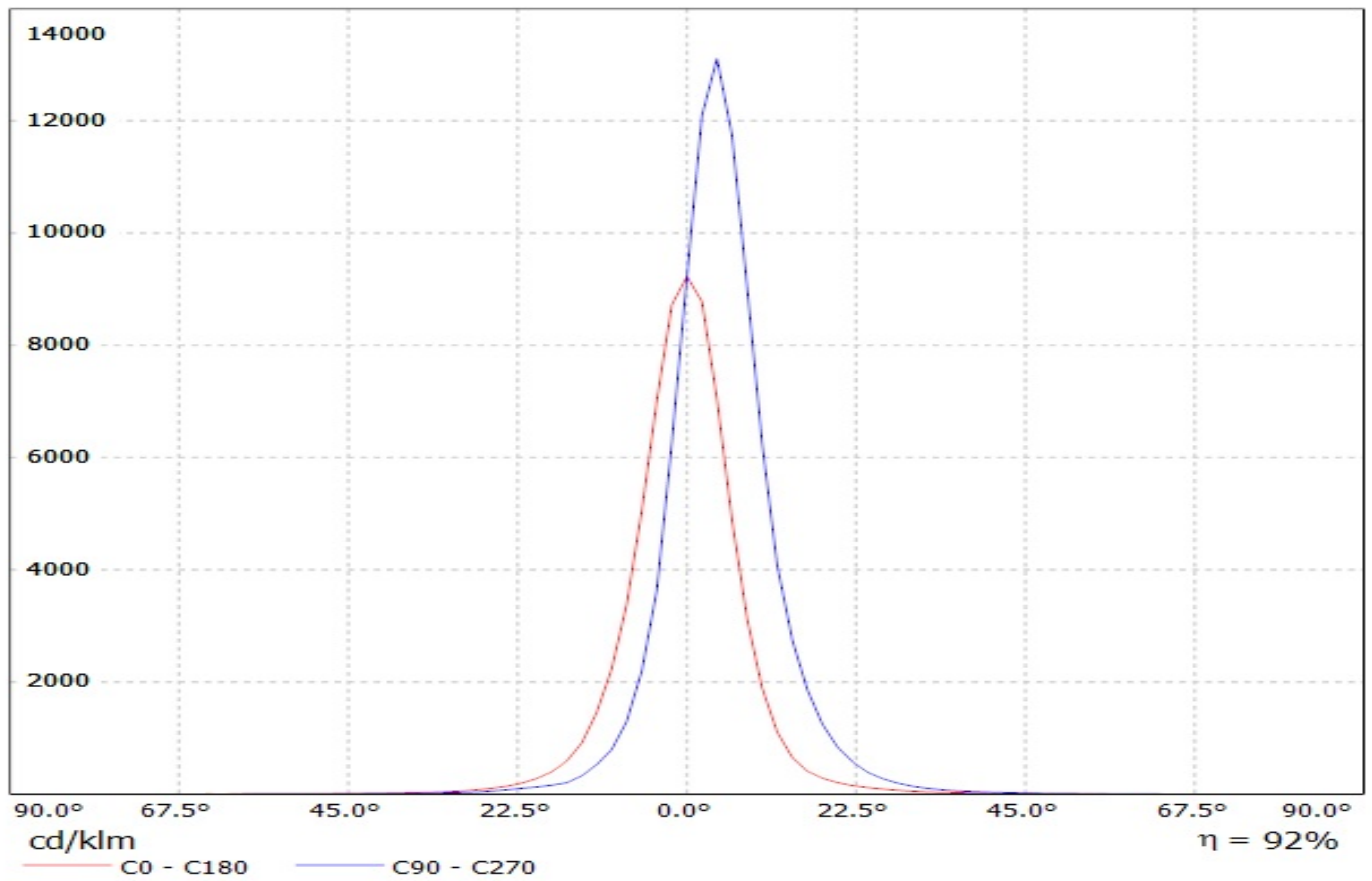
Luminaire: Ledil Oy CP13311&CA13312_LAURA-SS-WAS (Nichia NCS19 95lm @ 250mA) Efficiency=92%
Lamps: 1 x Nichia NCS19 95lm @ 250mA



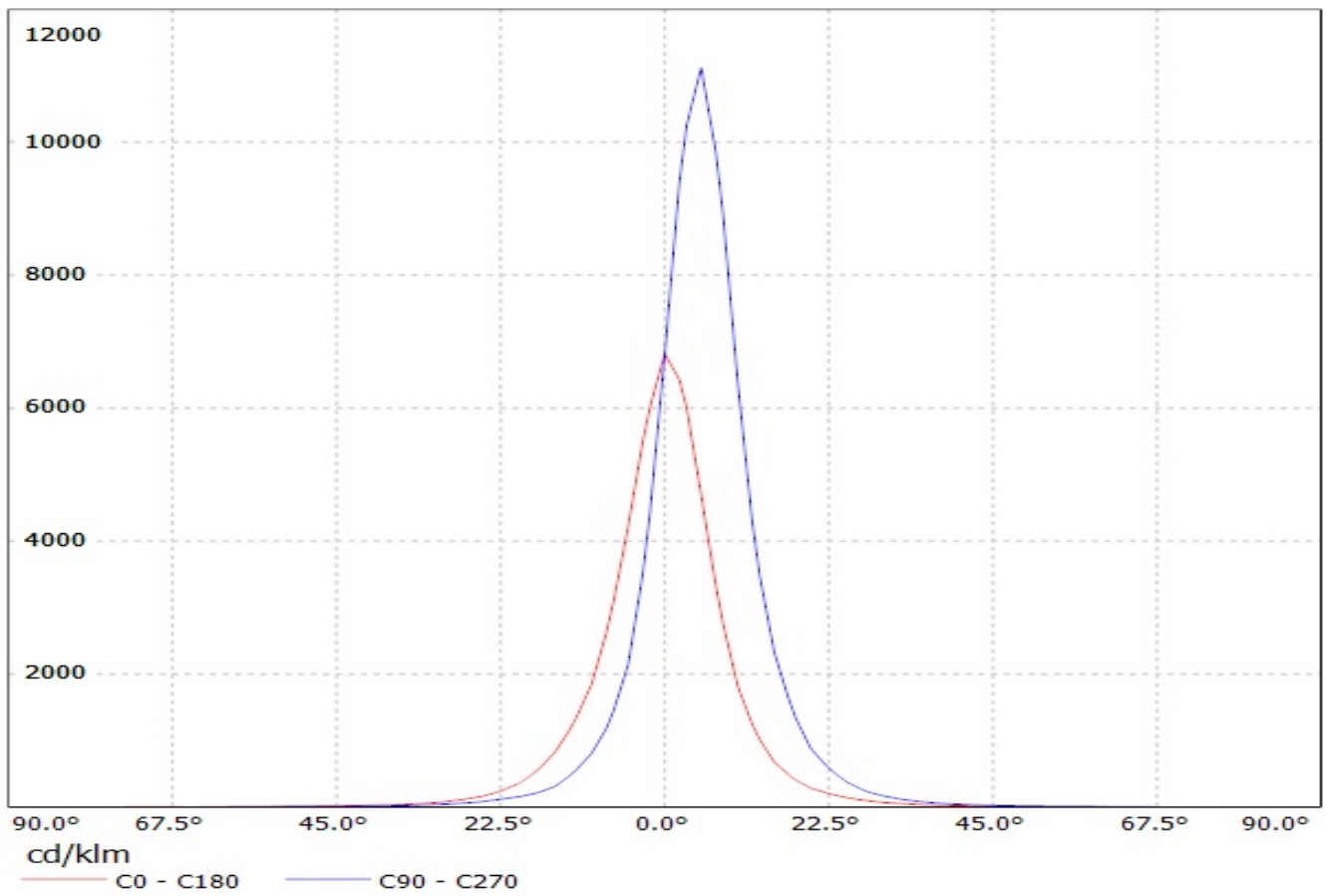
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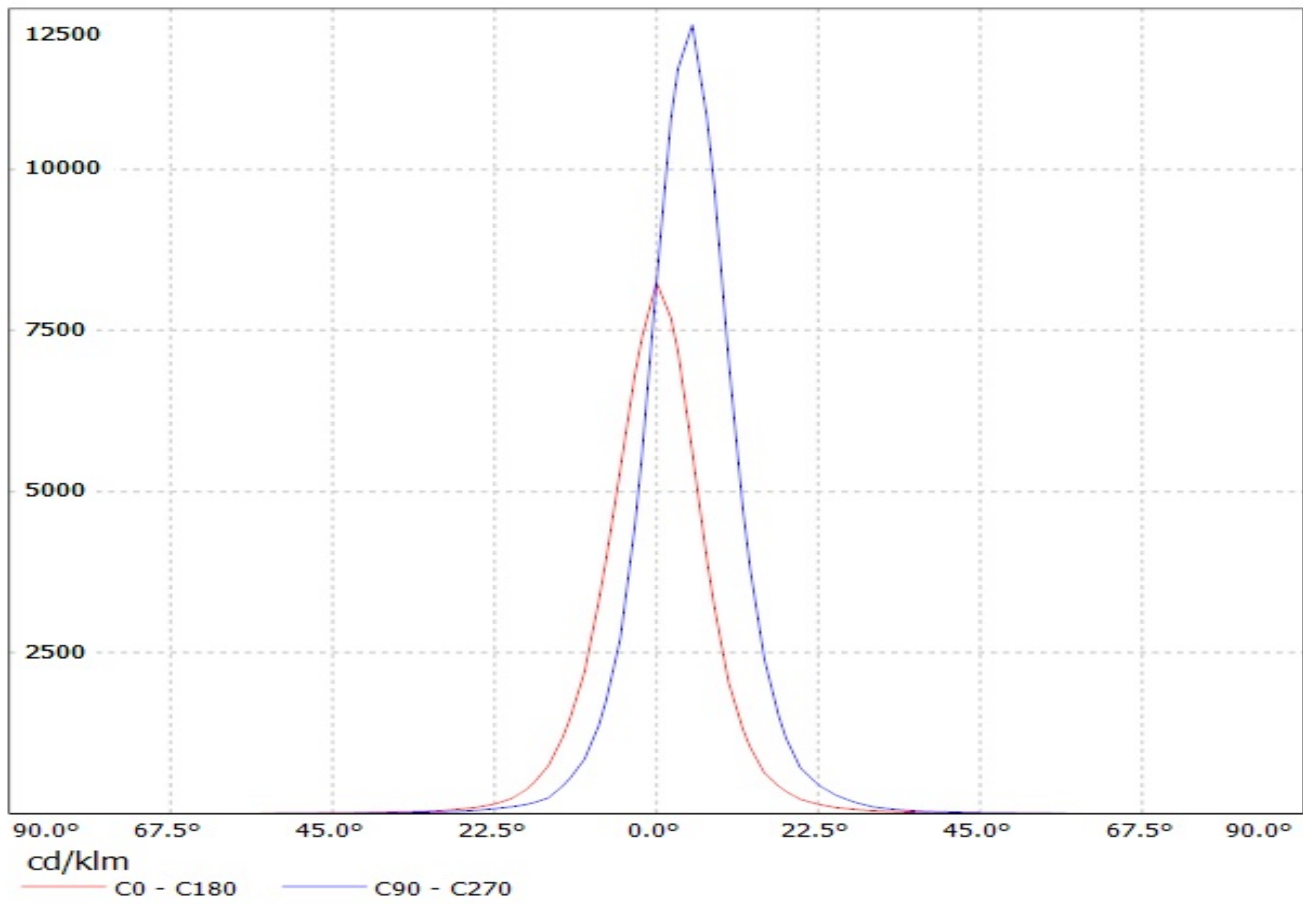
Luminaire: LEDil Oy CA13312_LAURA-SS-WAS-PIN_(NCSxx19B) Efficiency=90%
Lamps: 1 x Nichia NCSxx19B (NCSL119BE) 90.5lm @ 250mA CCT=3300K P=0.8W I=250mA



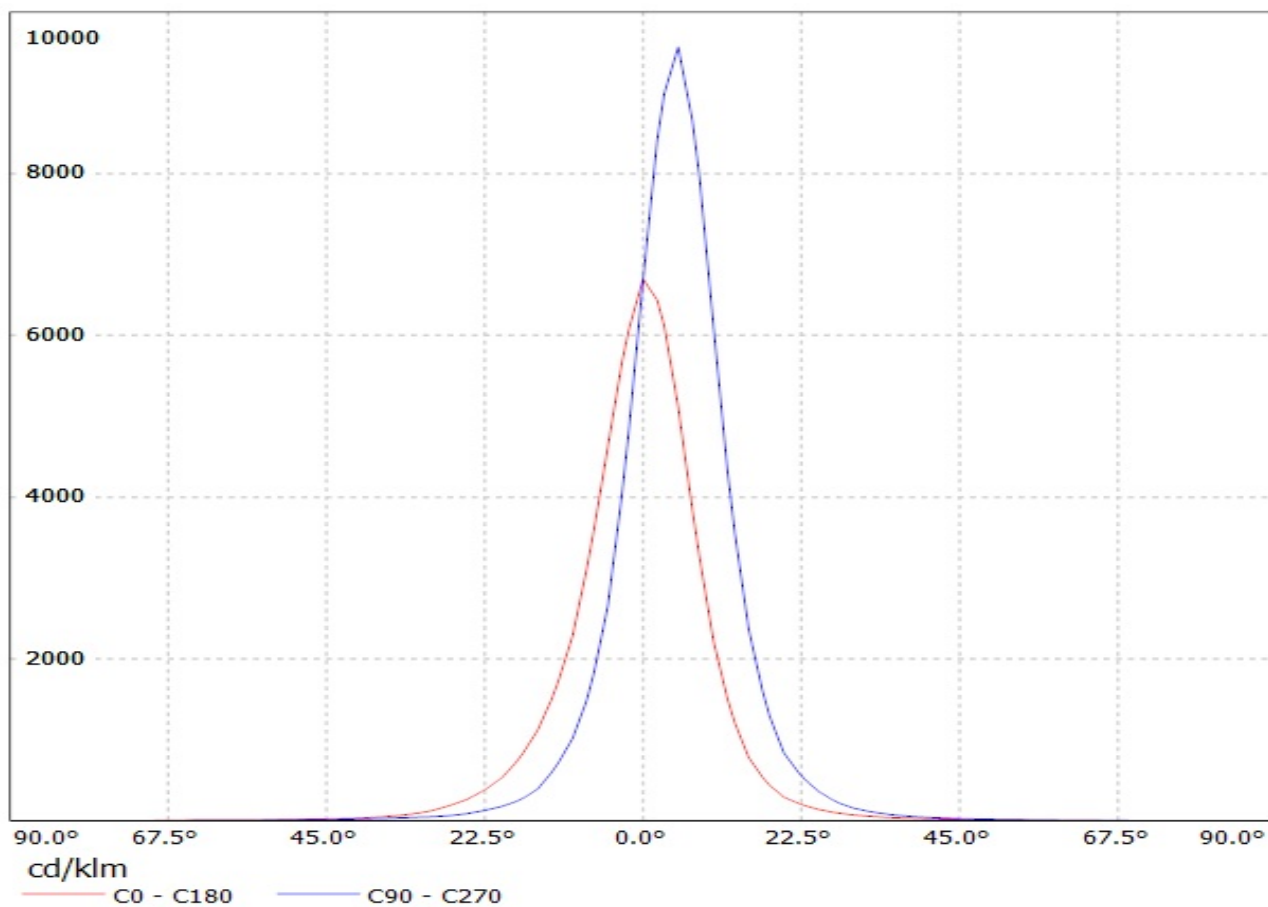
Luminaire: Ledil Oy CP13311&CA13312_LAURA-SS-WAS (Osram OSL80 79lm @ 250mA) Efficiency=89%
Lamps: 1 x Osram OSL80 79lm @ 250mA



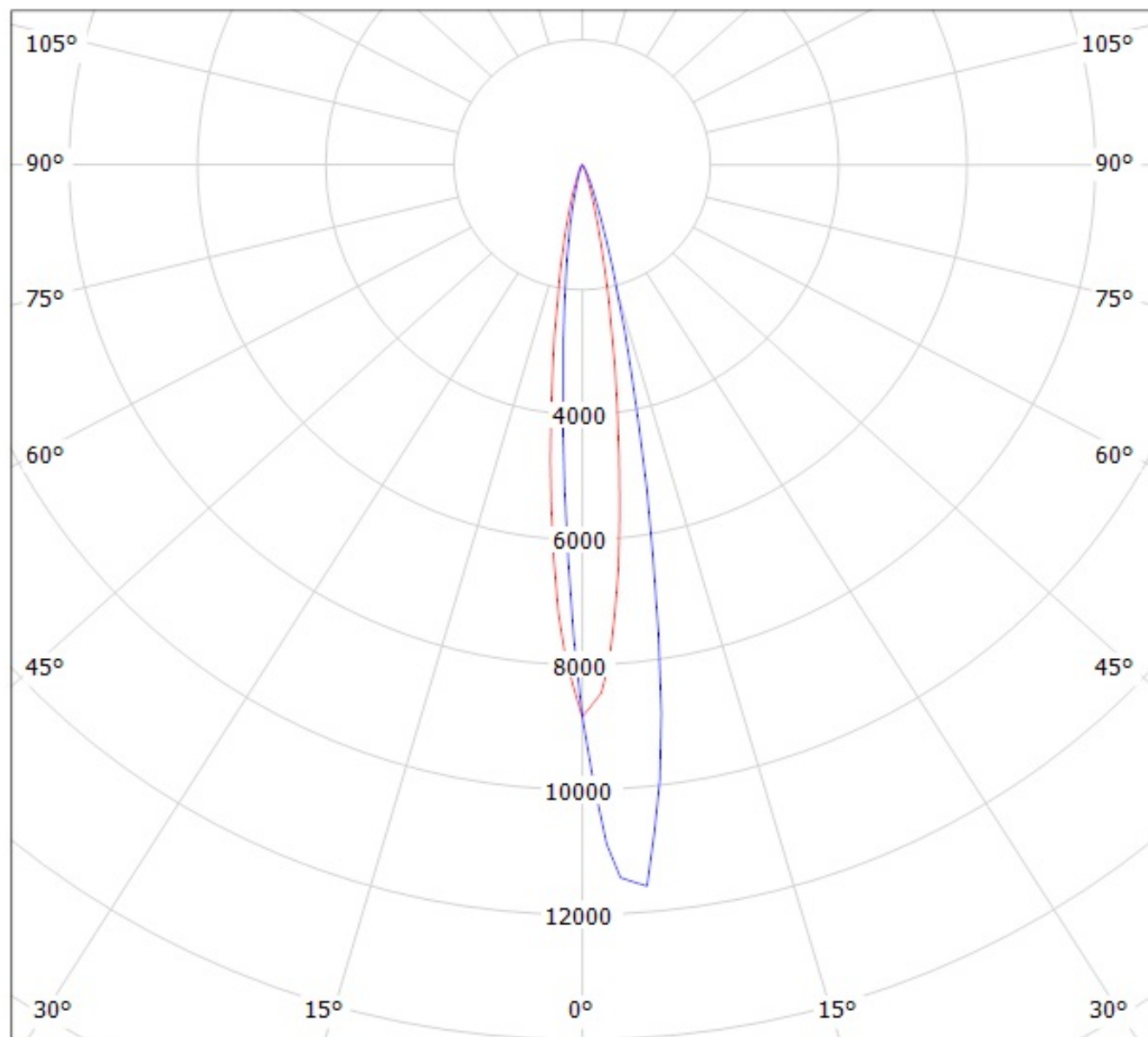
Luminaire: Ledil Oy CP13311&CA13312_LAURA-SS-WAS (OSram OSL150 95lm @ 250mA) Efficiency=90%
Lamps: 1 x OSram OSL150 95lm @ 250mA



Luminaire: Ledil Oy CP13311&CA13312_LAURA-SS-WAS (Osram Square EC 63lm @ 250mA) Efficiency=90%
Lamps: 1 x Osram Square EC 63lm @ 250mA



Luminaire: Ledil Oy CP13311&CA13312_LAURA-SS-WAS (Cree XP-E 70lm @ 250mA) Efficiency=92%
Lamps: 1 x Cree XP-E 70lm @ 250mA

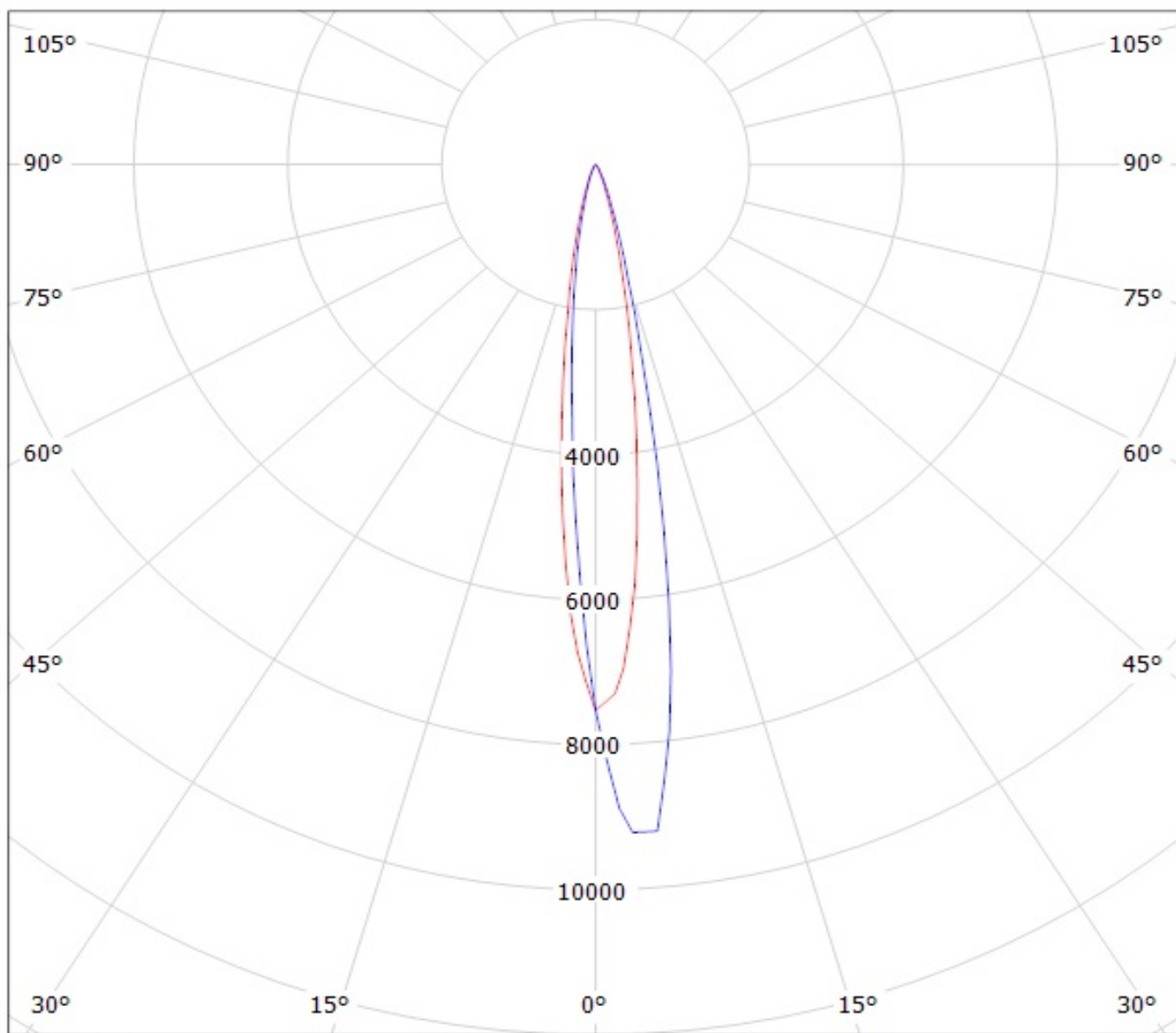


cd/klm

— C0 - C180

— C90 - C270

Luminaire: Ledil Oy CP13311&CA13312_LAURA-SS-WAS (Cree XB-D 94lm) Efficiency=93%
Lamps: 1 x Cree XB-D 94lm

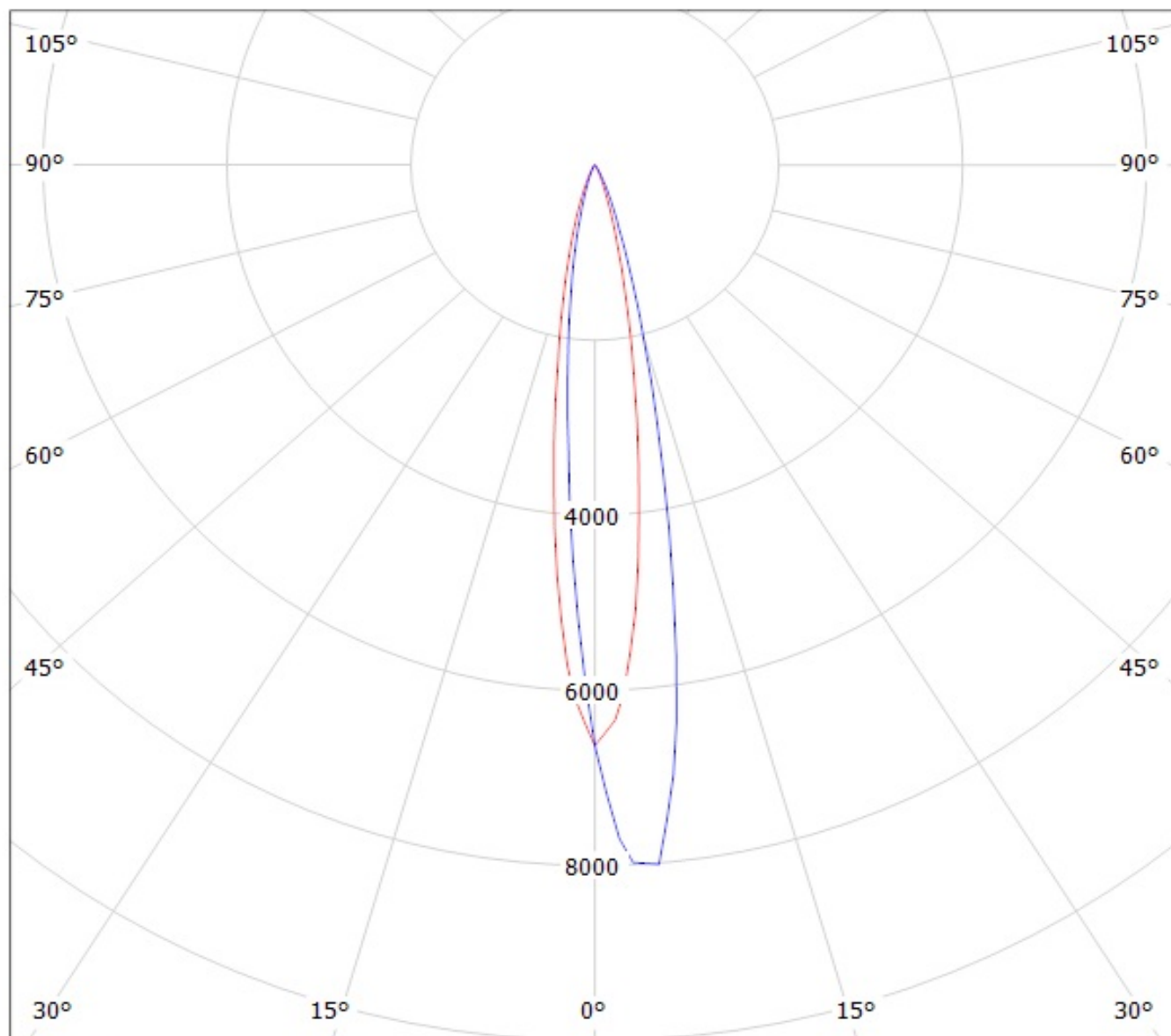


cd/klm

— C0 - C180

— C90 - C270

Luminaire: Ledil Oy CP13311&CA13312_LAURA-SS-WAS (Cree XP-G 71lm @ 250mA) Efficiency=91%
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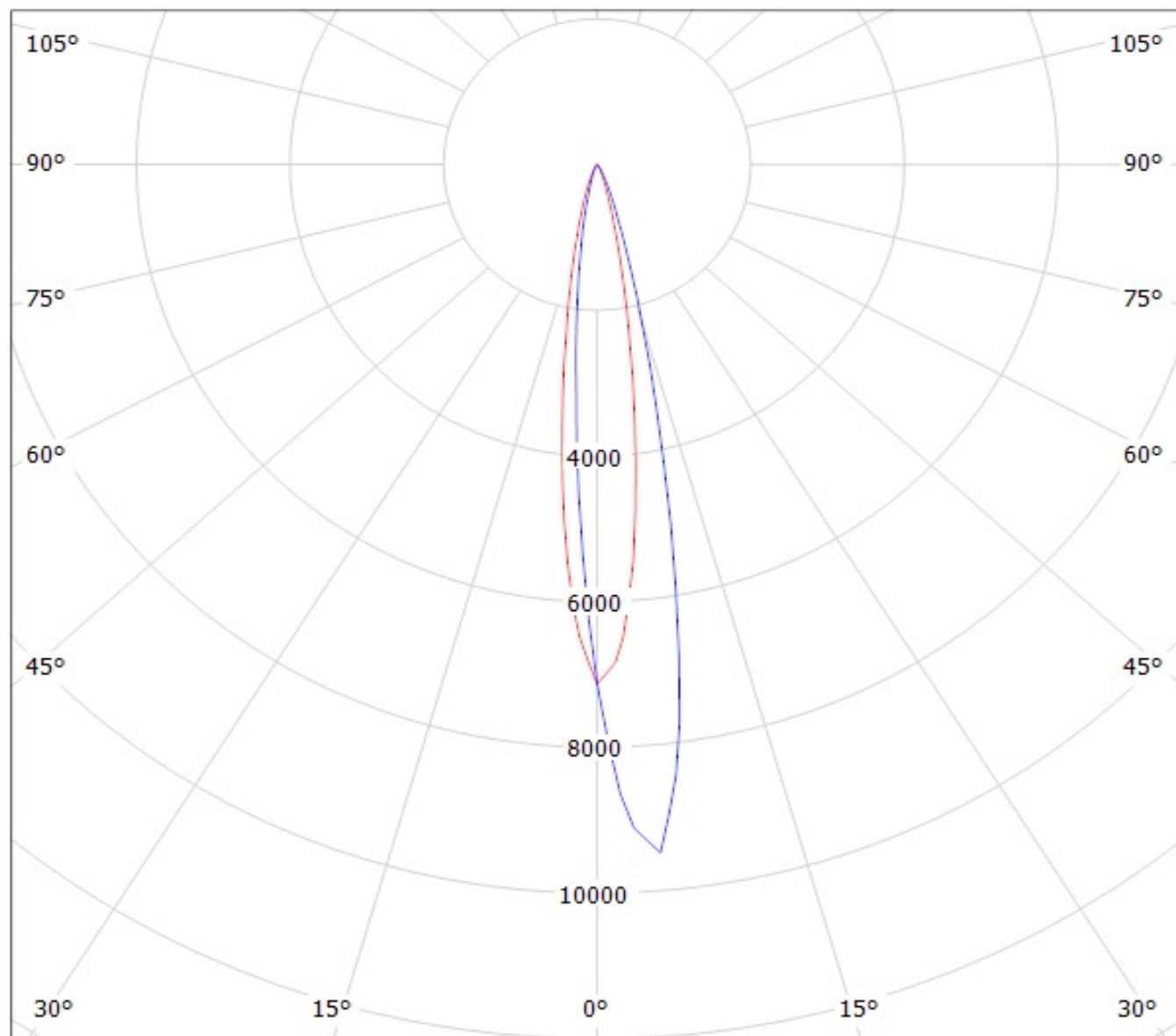


cd/klm

— C0 - C180

— C90 - C270

Luminaire: Ledil Oy CP13311&CA13312_LAURA-SS-WAS (Cree XT-E 98lm @ 250mA) Efficiency=93%
Lamps: 1 x Cree XT-E 98lm @ 250mA

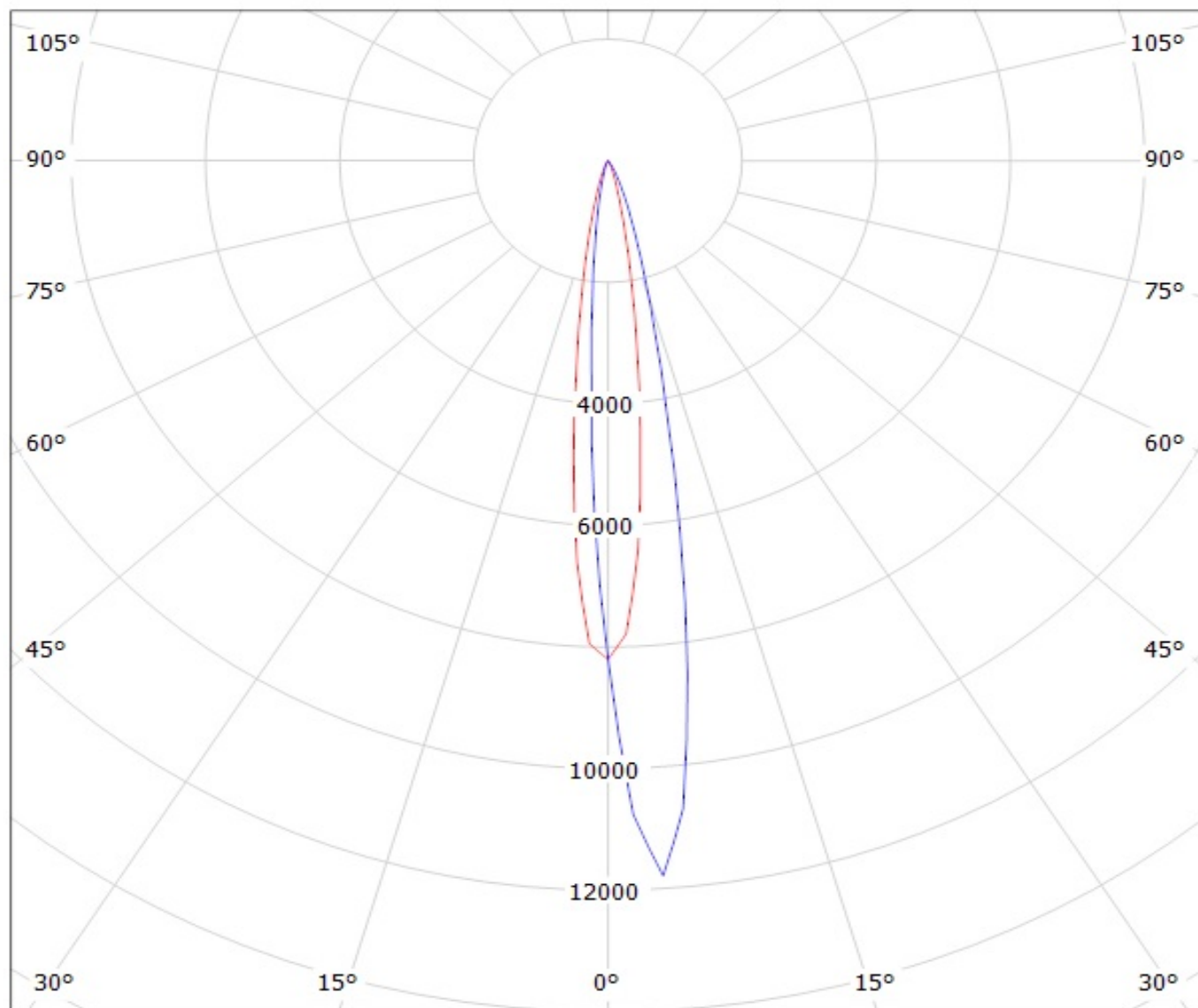


cd/klm

— C0 - C180 — C90 - C270

Luminaire: LEDil Oy CA13312_LAURA-SS-WAS-PIN_(XP-G2) Efficiency=91%

Lamps: 1 x Cree XP-G2 (XPGBWT-L1-0000-00FE4) 101lm @ 250mA CCT=6600K P=0.7W I=250mA

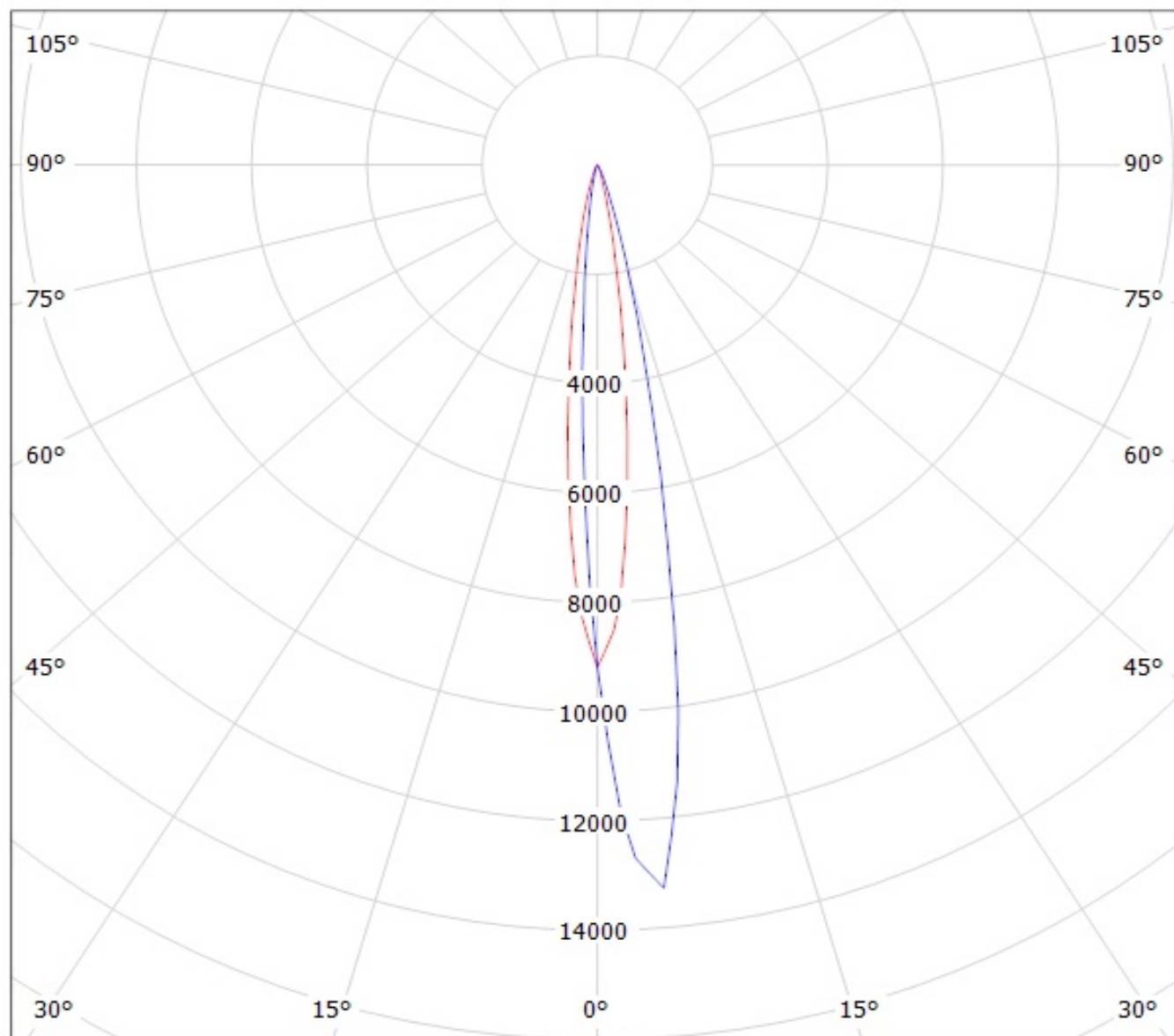


cd/klm

— C0 - C180

— C90 - C270

Luminaire: Ledil Oy CP13311_LAURA-SS-WAS (Luxeon Rebel 80lm @ 250mA) Efficiency=92%
Lamps: 1 x Luxeon Rebel 80lm @ 250mA

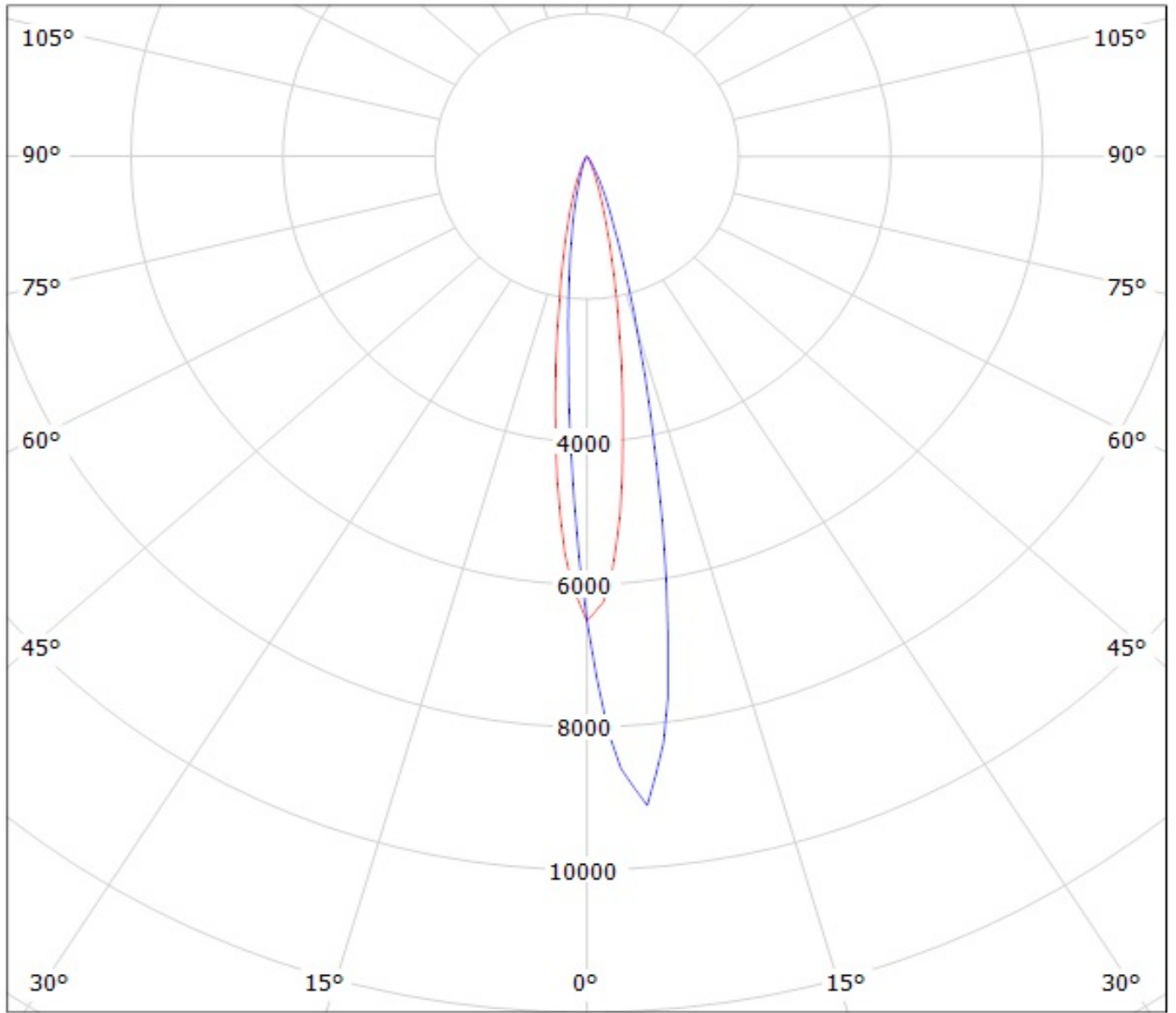


cd/klm

— C0 - C180

— C90 - C270

Luminaire: Ledil Oy CP13311&CA13312_LAURA-SS-WAS (Luxeon A 64lm @ 250mA) Efficiency=93%
Lamps: 1 x Luxeon A 64lm @ 250mA

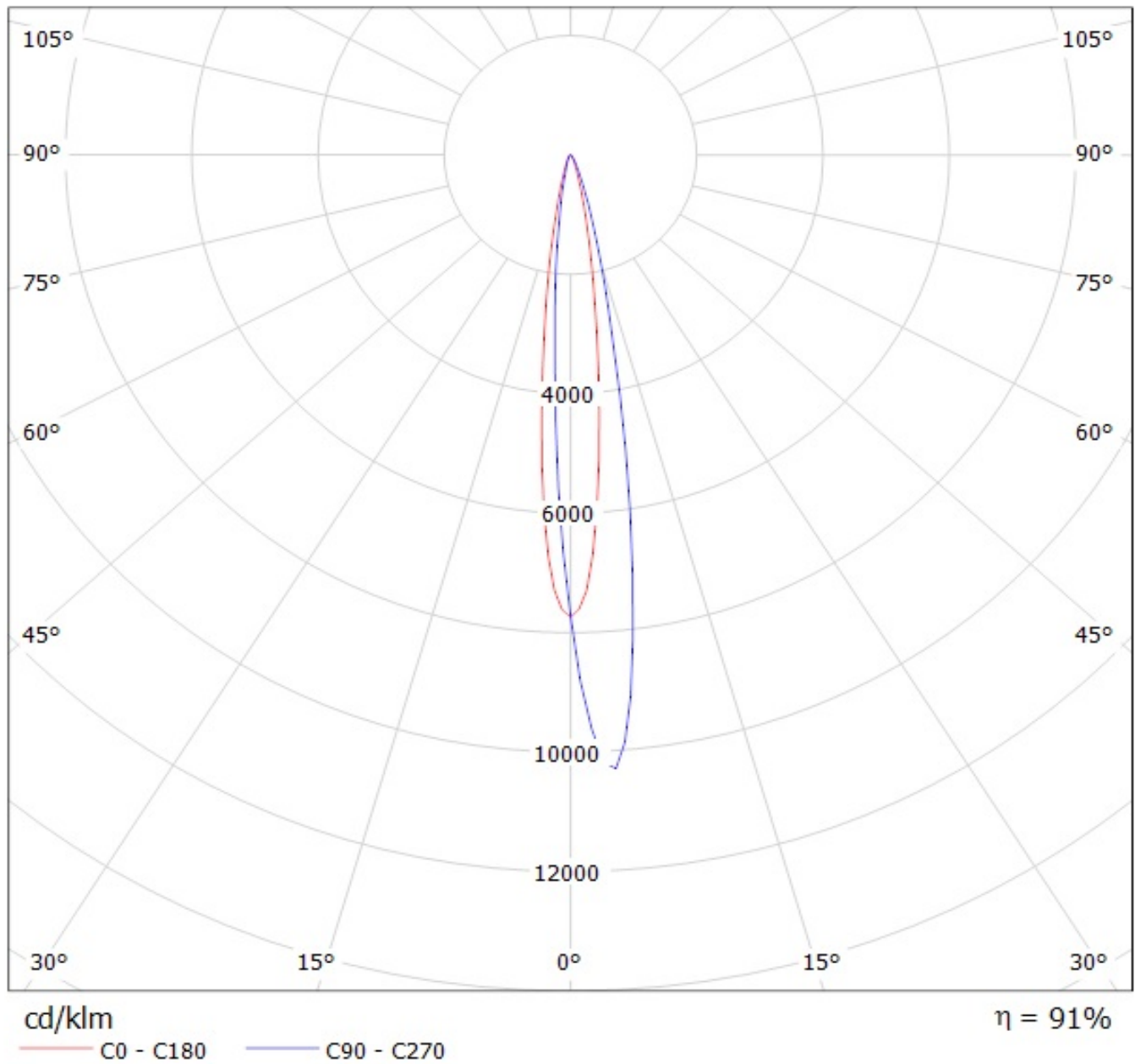


cd/klm

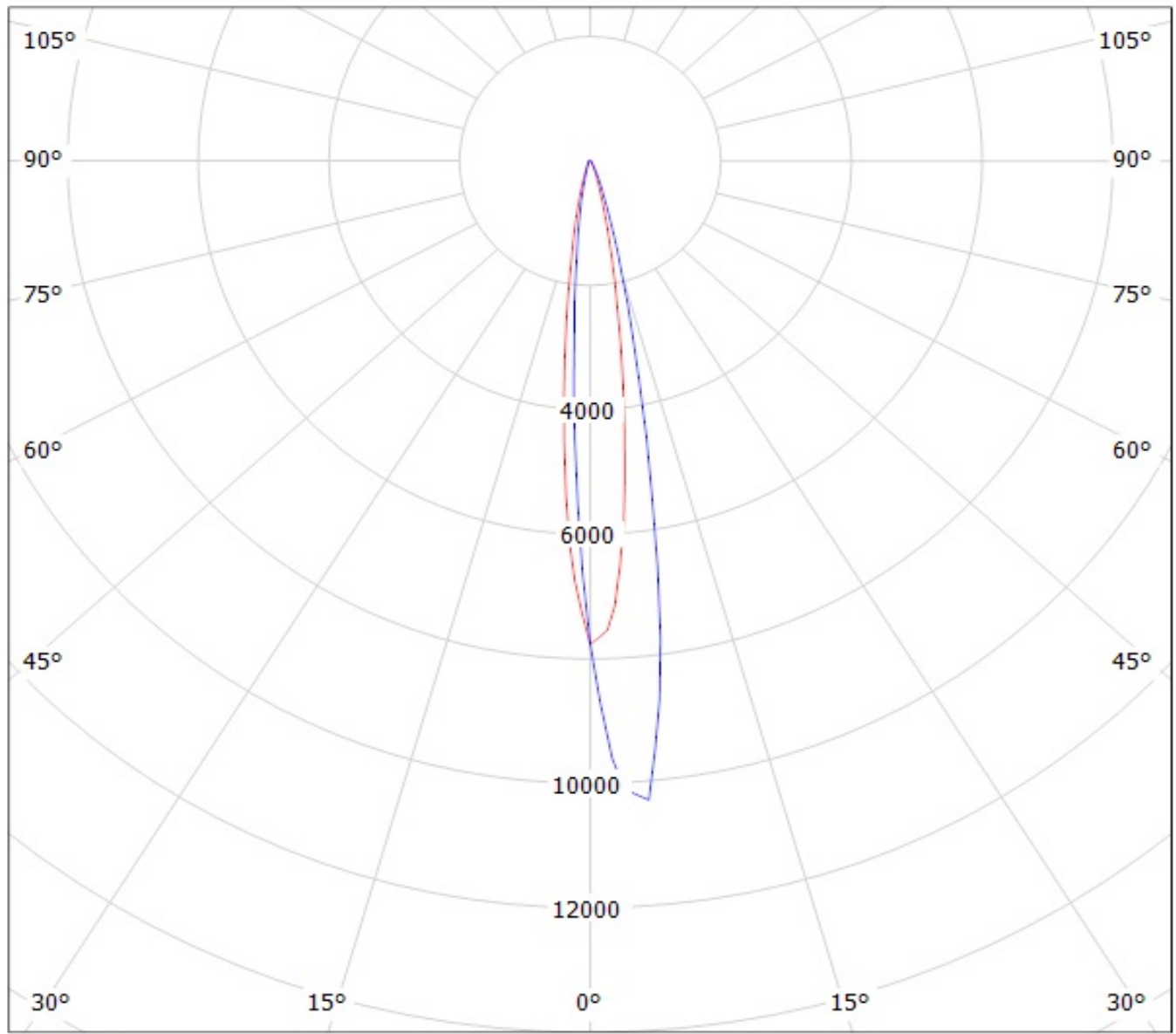
— C0 - C180

— C90 - C270

Luminaire: LEDiL Oy CA13312_LAURA-SS-WAS-PIN_(LUXEON_Q) Eff: 91%
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Luminaire: Ledil Oy CP13311&CA13312_LAURA-SS-WAS (Nichia NCS19 95lm @ 250mA) Efficiency=92%
Lamps: 1 x Nichia NCS19 95lm @ 250mA

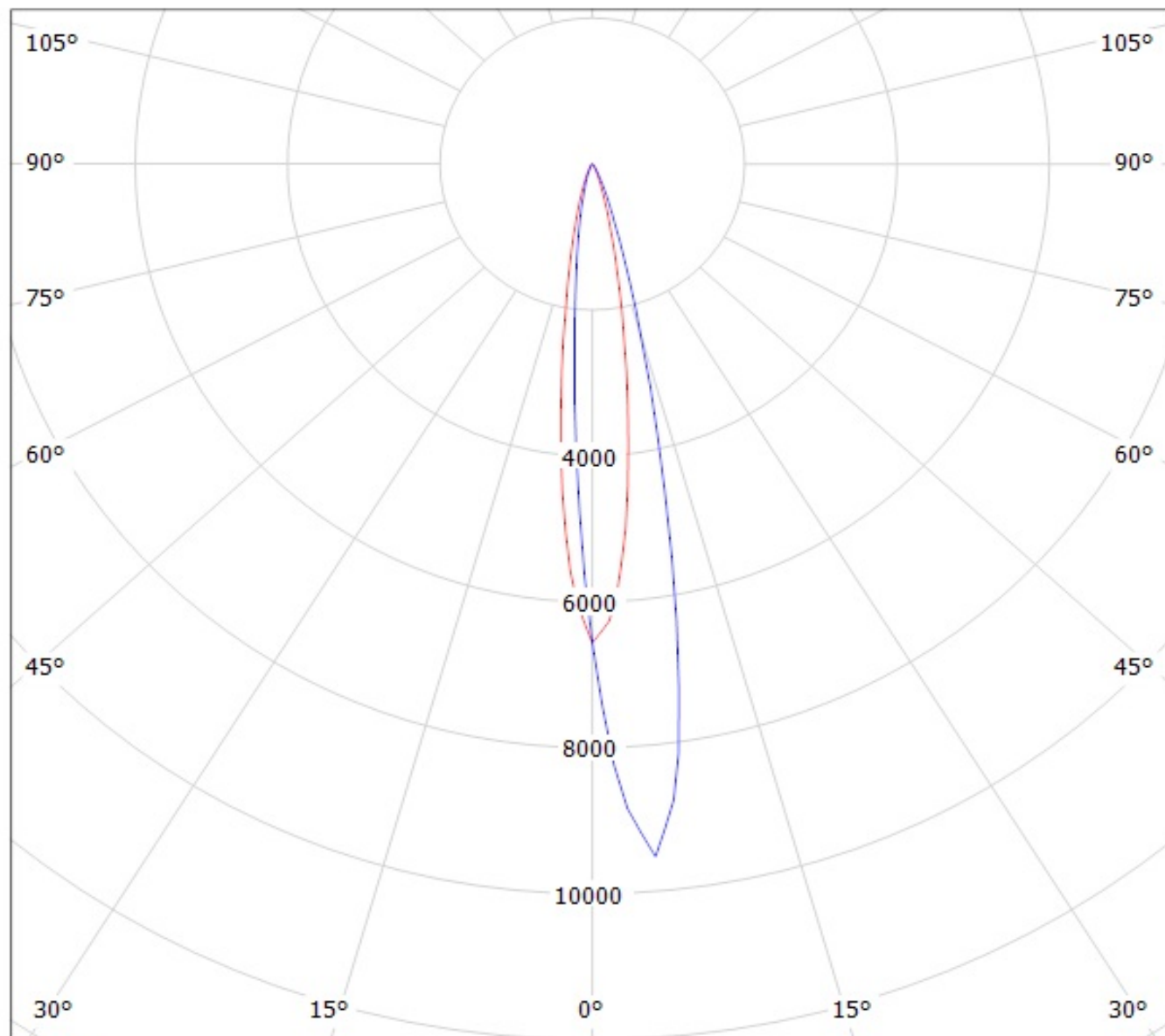


cd/klm

— C0 - C180

— C90 - C270

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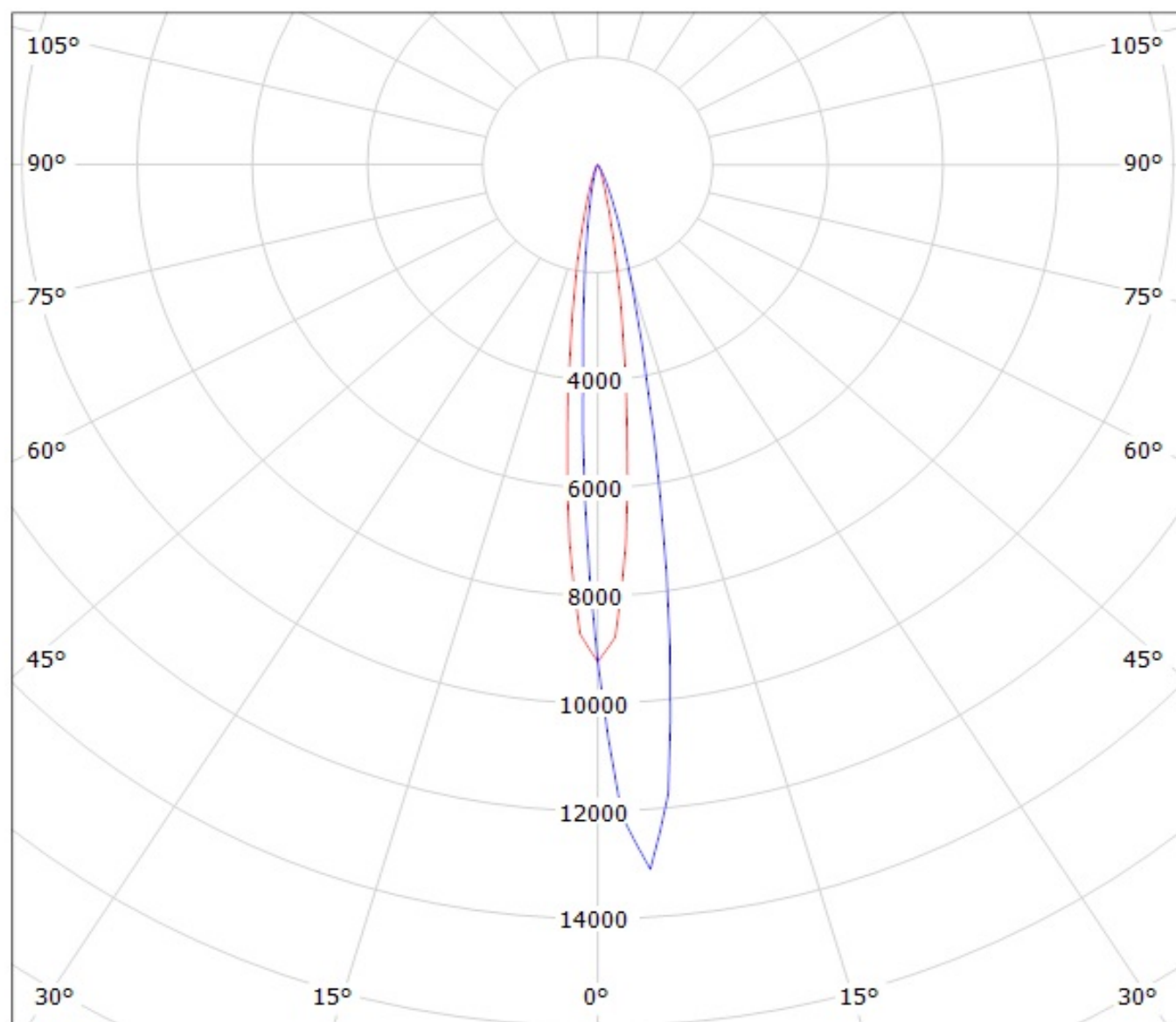


cd/klm

— C0 - C180

— C90 - C270

Luminaire: LEDil Oy CA13312_LAURA-SS-WAS-PIN_(NCSxx19B) Efficiency=90%
Lamps: 1 x Nichia NCSxx19B (NCSL119BE) 90.5lm @ 250mA CCT=3300K P=0.8W I=250mA

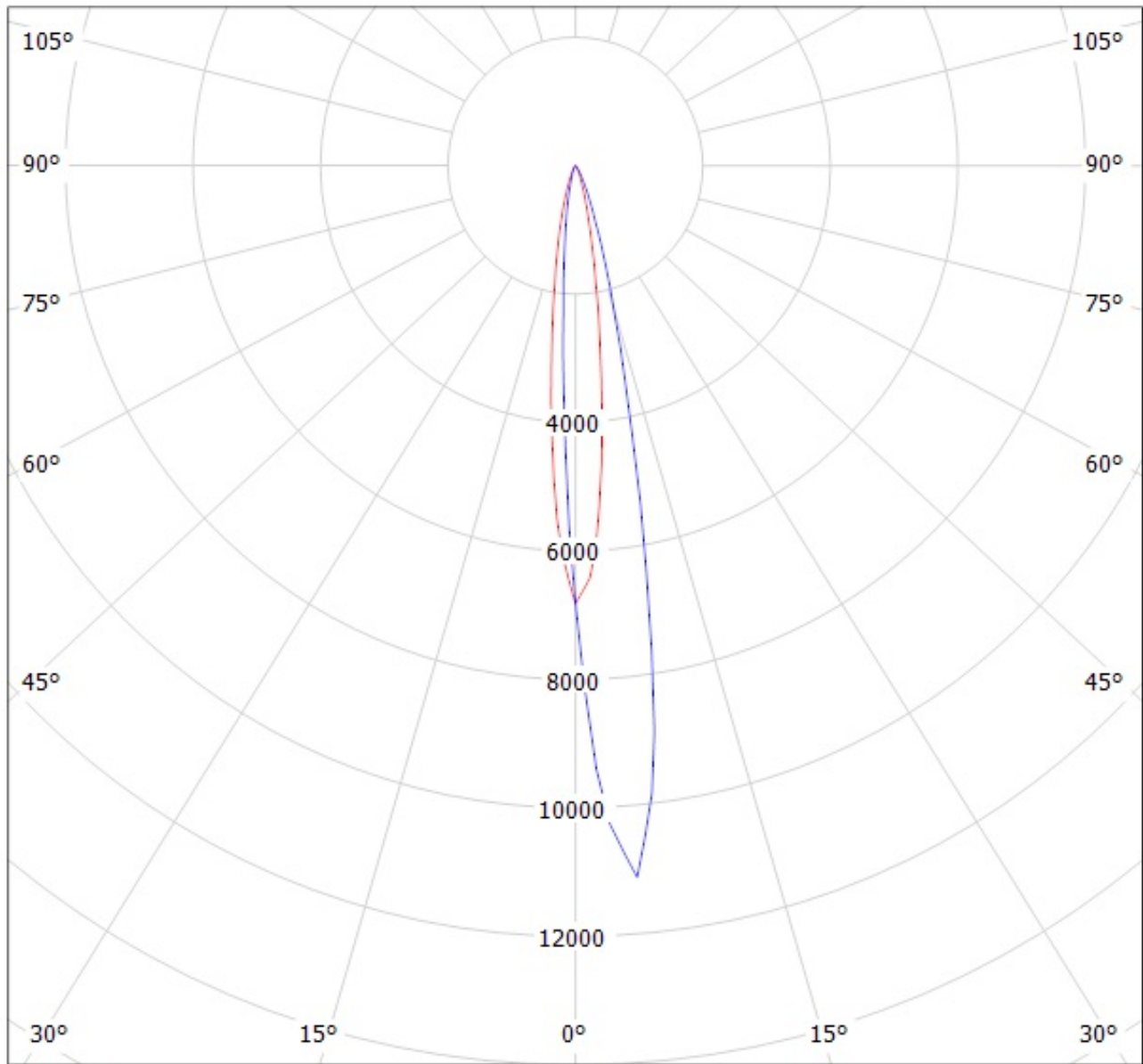


cd/klm

— C0 - C180

— C90 - C270

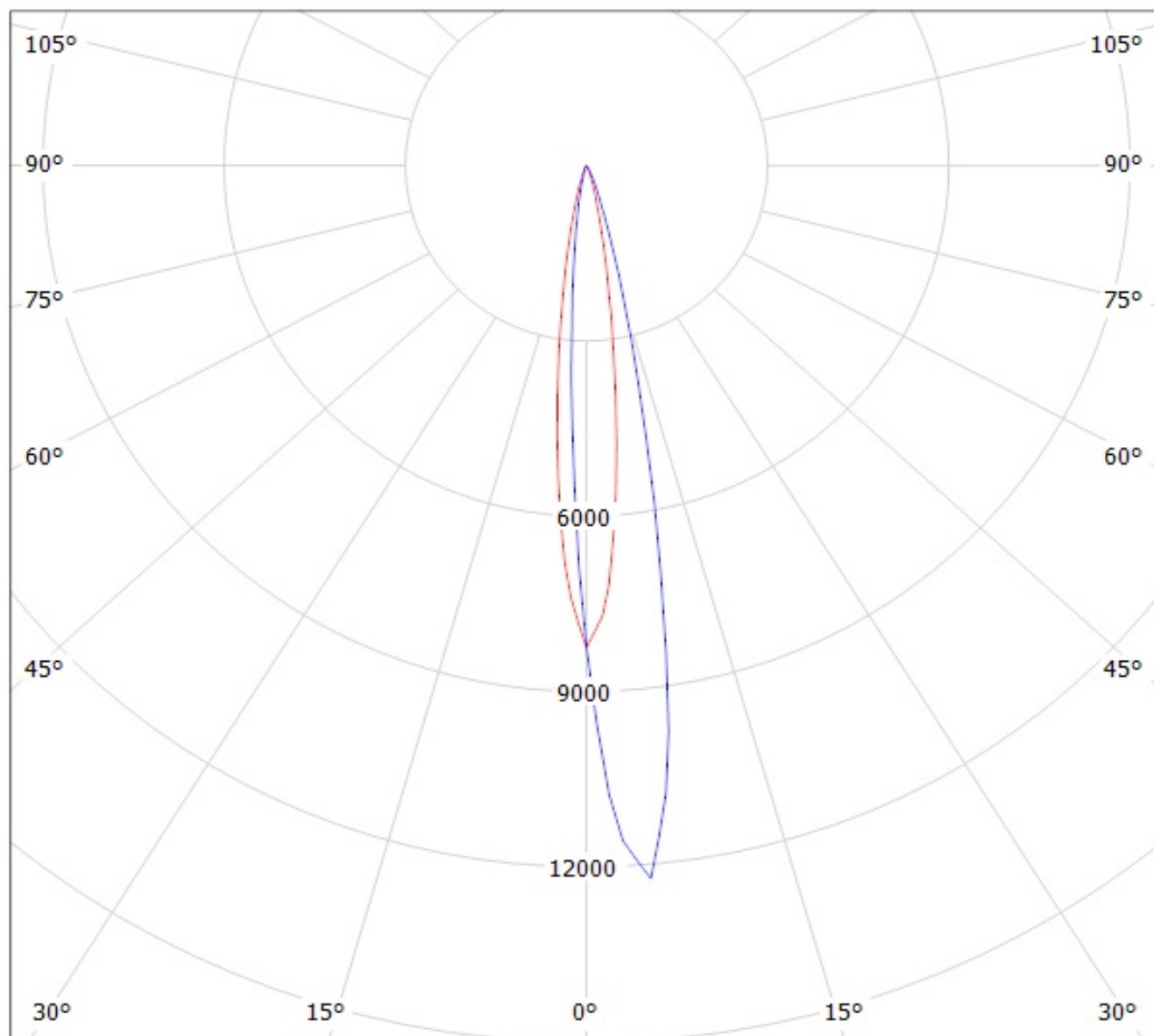
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Lamps: 1 x Osram OSL80 79lm @ 250mA



cd/klm

— C0 - C180 — C90 - C270

Luminaire: Ledil Oy CP13311&CA13312_LAURA-SS-WAS (OSram OSL150 95lm @ 250mA) Efficiency=90%
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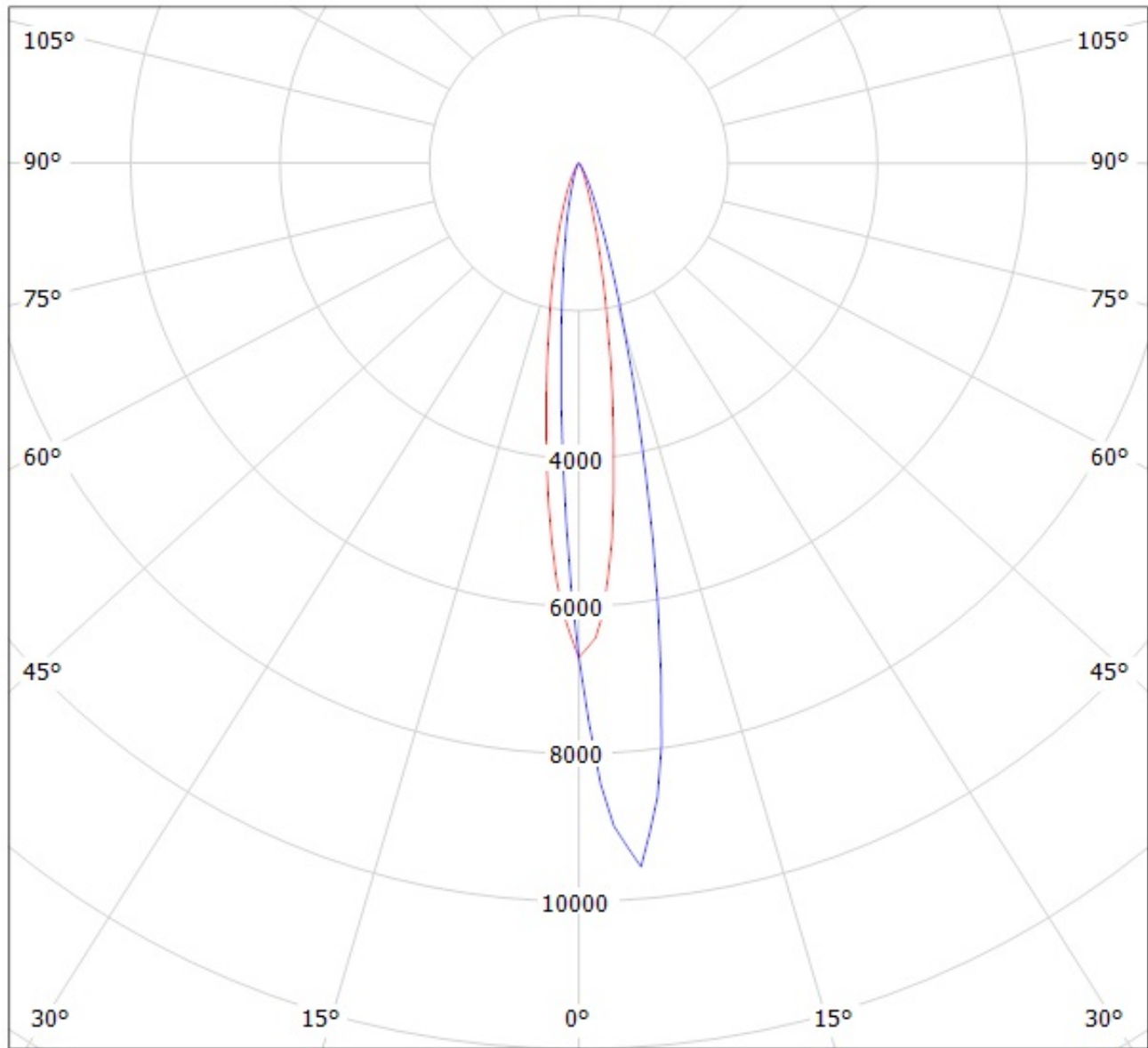


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Lamps: 1 x Osram Square EC 63lm @ 250mA



cd/klm

— 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.