

## DETAILS

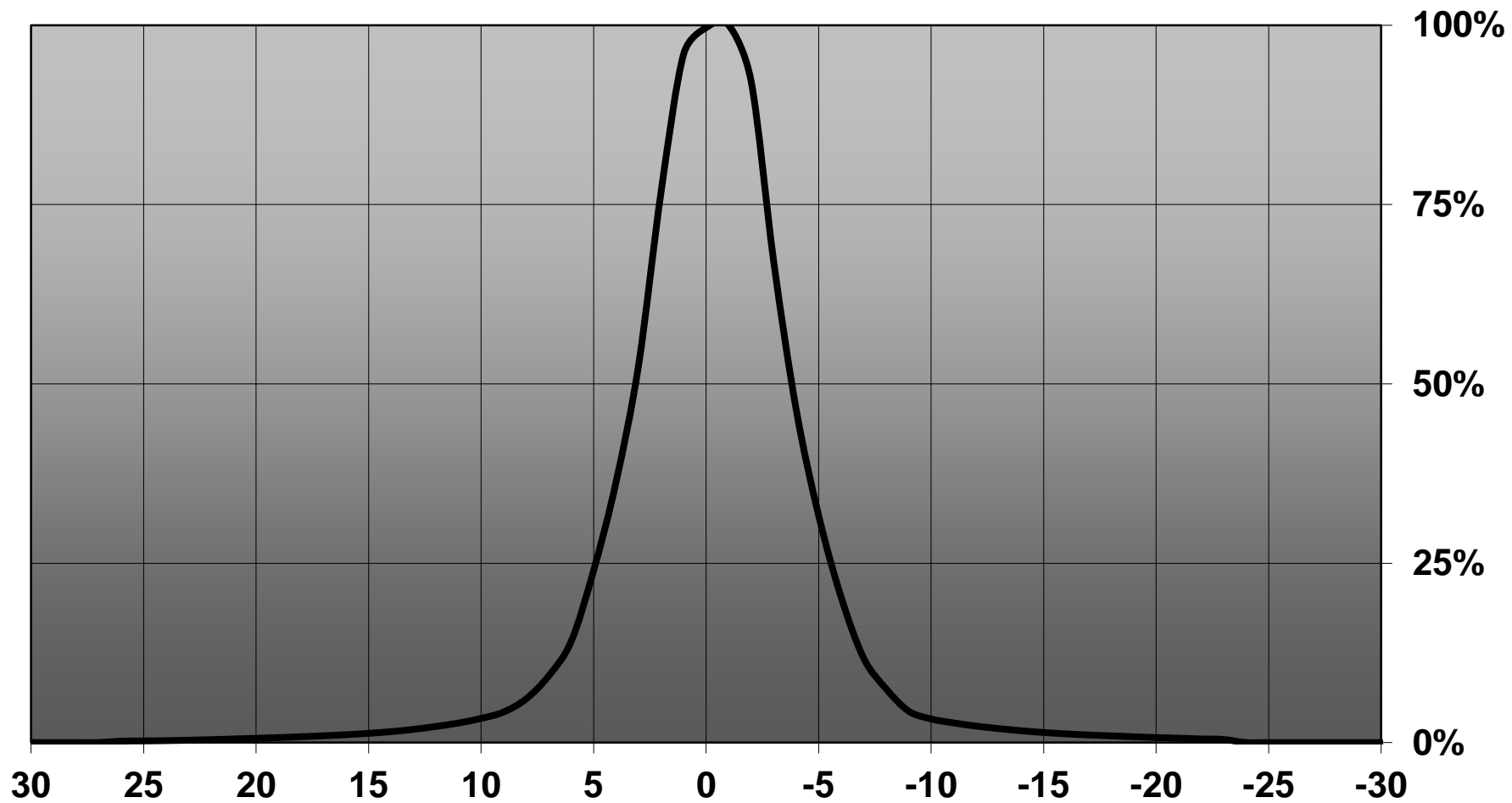
<b>Product Number</b>	CA14505_G2-LXP2-RS2-P
<b>Family</b>	Leila
<b>Type</b>	Assembly
<b>Color</b>	black
<b>Diameter</b>	21,8 mm
<b>Height</b>	14,7 mm
<b>Style</b>	round
<b>Optic Material</b>	PMMA
<b>Holder Material</b>	
<b>Fastening</b>	pin, tape
<b>Status</b>	production ready
<b>ROHS Compliant</b>	Yes
<b>Date Updated</b>	23/02/2015



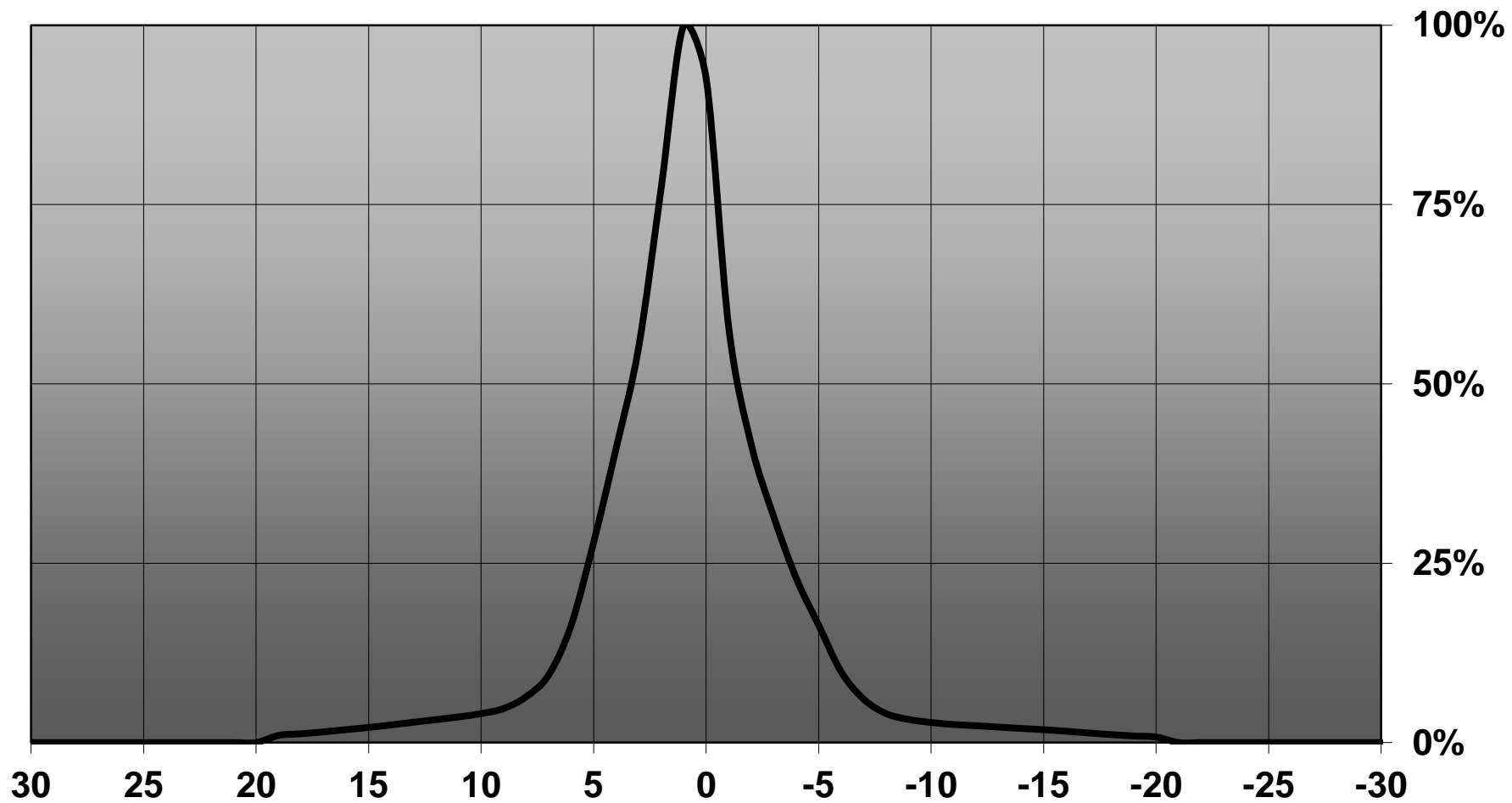
## OPTICAL PROPERTIES

LED	Viewing	Light	Effi-		Connector
	Angle	Beam	ciency	cd/lm	
XP-E	7 deg	RS2-class	88 %	34.650	-
XQ-E HI	4,9 deg	RS2-class	83 %	38.700	-
XP-G2	sim: 10	RS2-class	sim: 94 %	sim: 22.200-	
XQ-E	sim: 6,7	RS2-class	sim: 91 %	sim: 41.200-	
H35C1 (LEMWA33)	sim: 11	RS2-class	sim: 92 %	sim: 19.200-	
LUXEON T	sim: 11	RS2-class	sim: 93 %	sim: 17.700-	
LUXEON TX	sim: 9,7	RS2-class	sim: 91 %	sim: 19.600-	
LUXEON V	14 deg	RS2-class	89 %	8.400	-
NCSxx19A	6,8 deg	RS2-class	89 %	21.300	-
NVSxx19B/NVSxx19C	sim: 11	RS2-class	sim: 88 %	sim: 15.500-	
NVSW3x9A	12 deg	RS2-class	89 %	11.400	-
Oslon Square Gen3	sim: 9,2	RS2-class	sim: 92 %	sim: 21.700-	
Oslon SSL 80	5 deg	RS2-class	91 %	37.100	-
Oslon Square PC	sim: 11	RS2-class	sim: 94 %	sim: 18.900-	
Oslon SSL 150	5 deg	RS2-class	90 %	41.900	-
Oslon Square Flat	sim: 8,7	RS2-class	sim: 91 %	sim: 21.390-	
LH351Z	sim: 9	RS2-class	sim: 93 %	-	-
LH351B	sim: 10	RS2-class	sim: 92 %	sim: 17.400-	
LH351A(3535)	sim: 9	RS2-class	sim: 91 %	sim: 21.900-	
Z5P	sim: 8	RS2-class	sim: 92 %	sim: 26.100-	
Z5M1/Z5M2	sim: 10	RS2-class	sim: 93 %	sim: 19.900-	
Z8Y22P	10 deg	RS2-class	84 %	11.600	-

Relative intensity of CA14505\_G2-LXP2-RS2-P\_(XP-E)



Relative intensity of CA14505\_G2-LXP2-RS2-P\_(XQ-E\_HI)



D

C

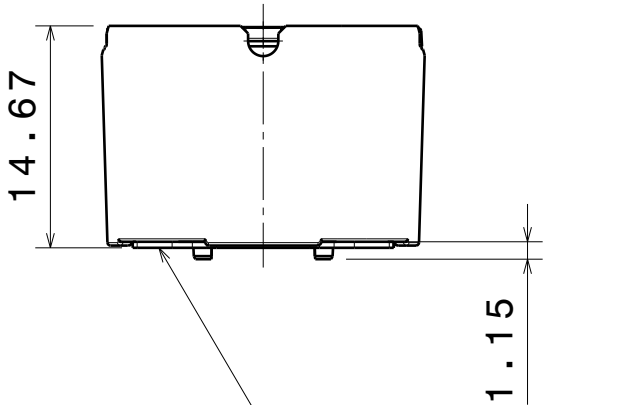
B

A

Applies to:
CA14503
CA14505
CA14507
CA14509
CA14511

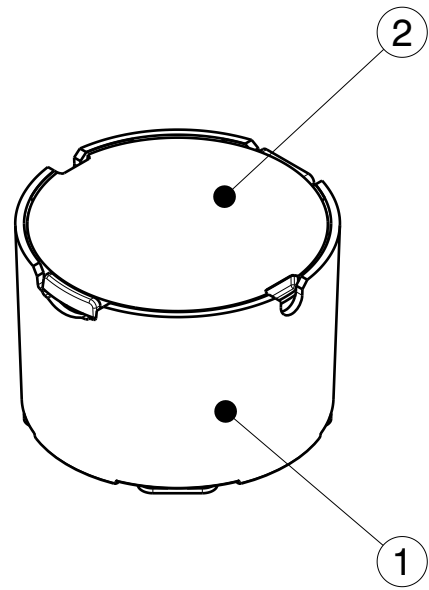
4

4



Front view

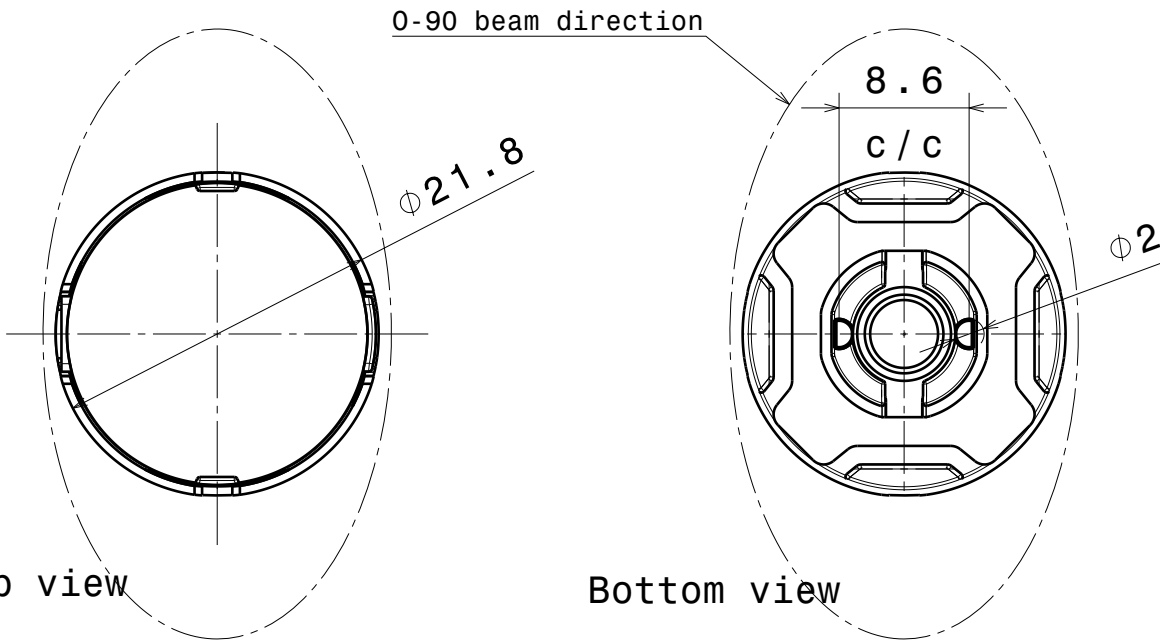
PU foam tape 0.4mm



Isometric view

3

3



Top view

Bottom view

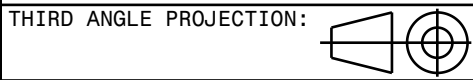
2

2

INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	C14443	LXP2-LT-HLD	PC	black
2	-	LXP2-series_mech lens	PMMA	clear

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  
**LEILA-G2-LXP2-PIN**

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SIZE	PART NUMBER
A4	-

SCALE	2:1	WEIGHT	4,0 g	SHEET	1/1
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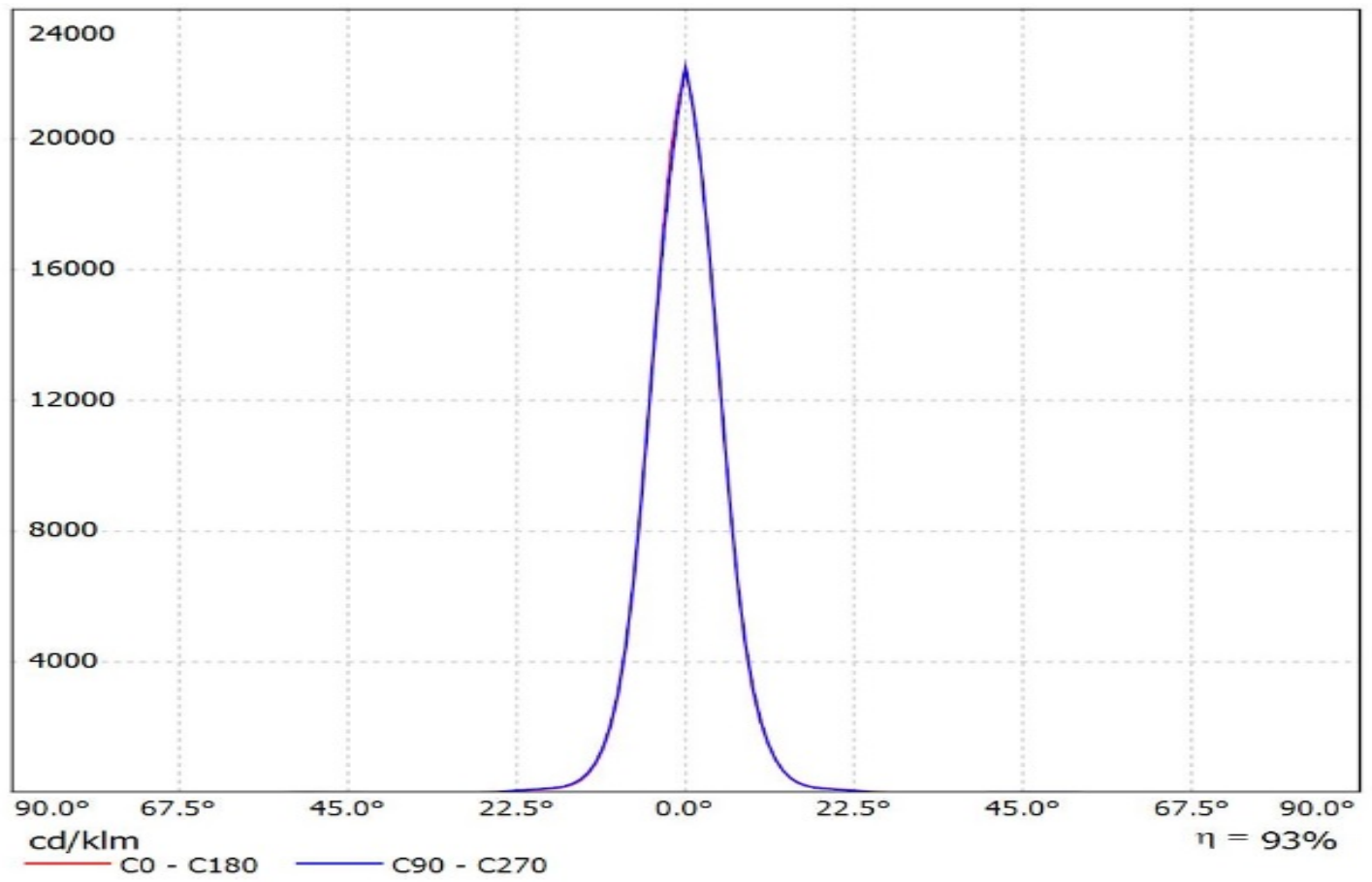
1

1

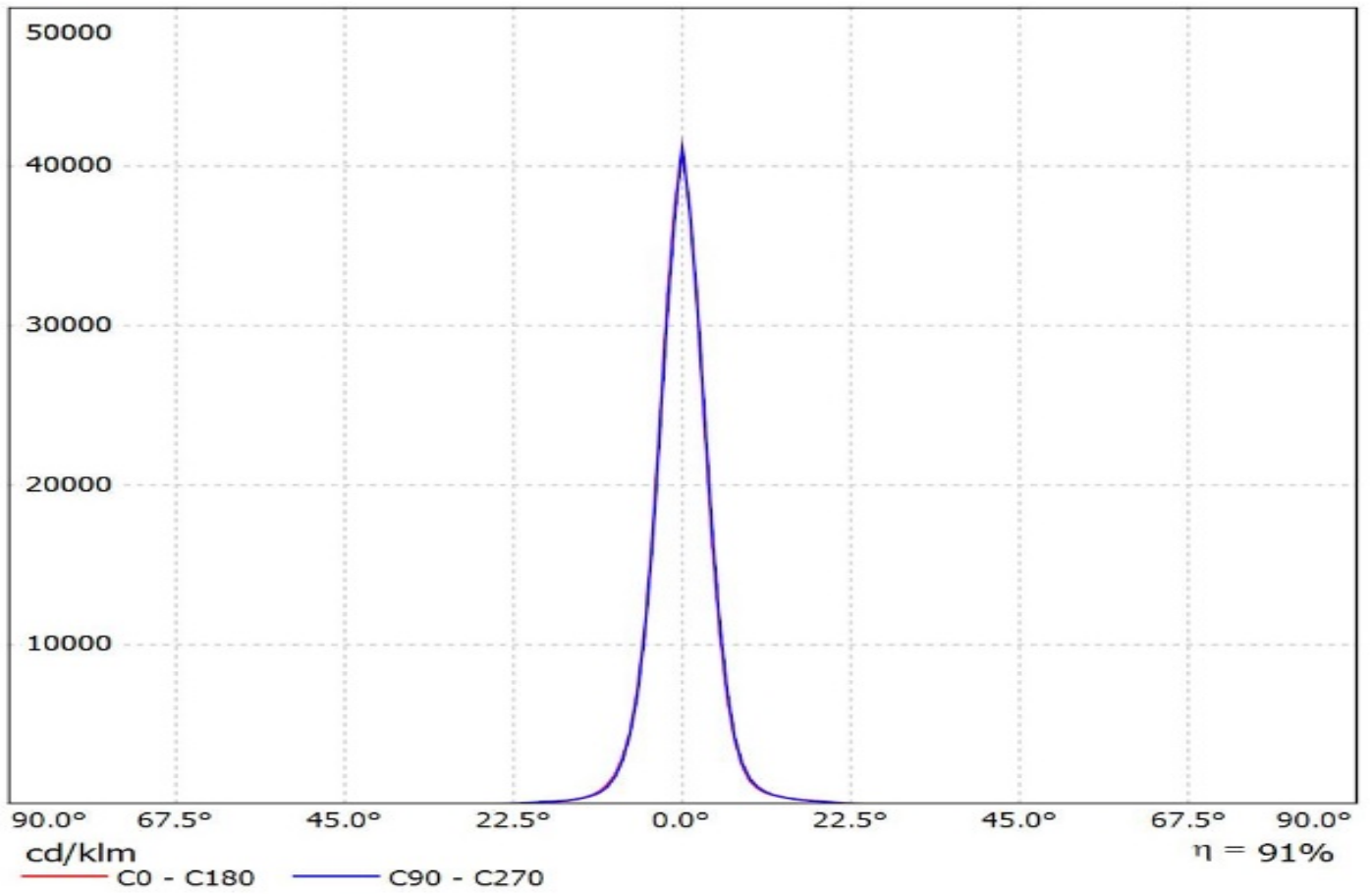
D

A

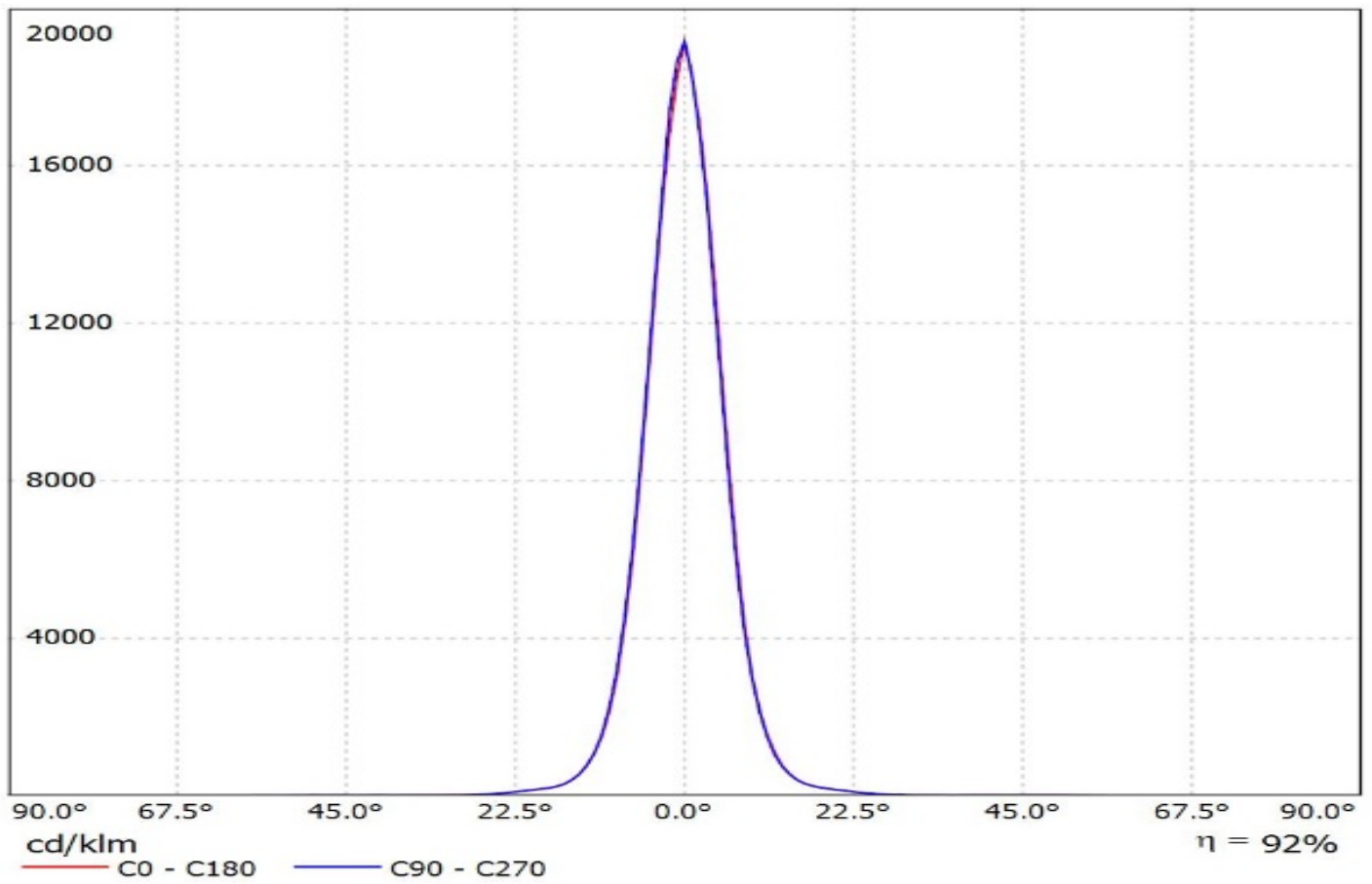
Luminaire: Ledil Oy CA14505\_G2-LXP2-RS2-P\_XP-G2\_SIMULATED  
Lamps: 1 x CREE XP-G2



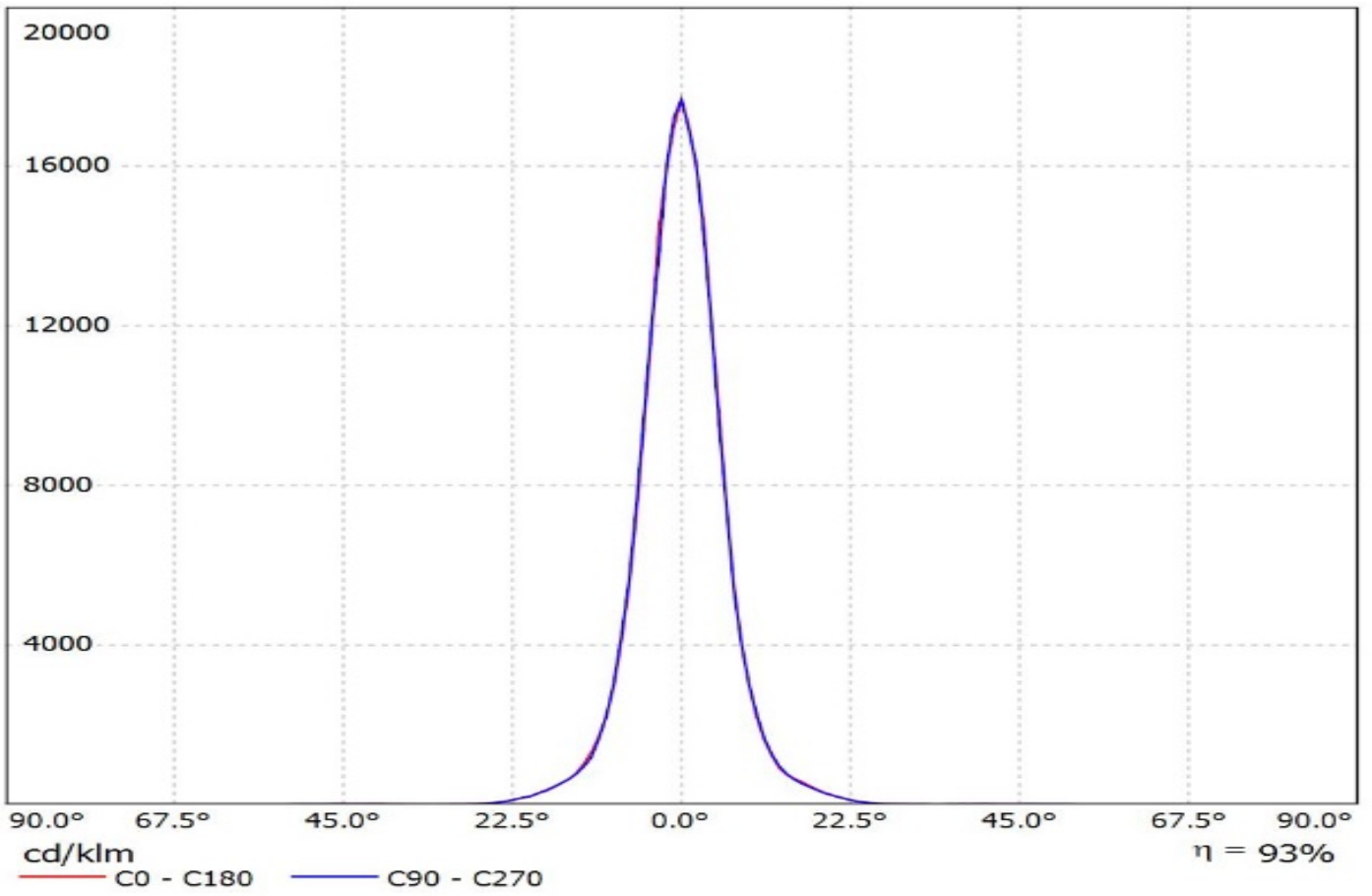
Luminaire: Ledil Oy CA14505\_G2-LXP2-RS2-P\_(XQ-E)\_SIMULATED  
Lamps: 1 x Cree XQ-E



Luminaire: Ledil Oy CA14505\_G2-LXP2-RS2-P\_(LG\_H35C1)\_SIMULATED  
Lamps: 1 x LG H35C1

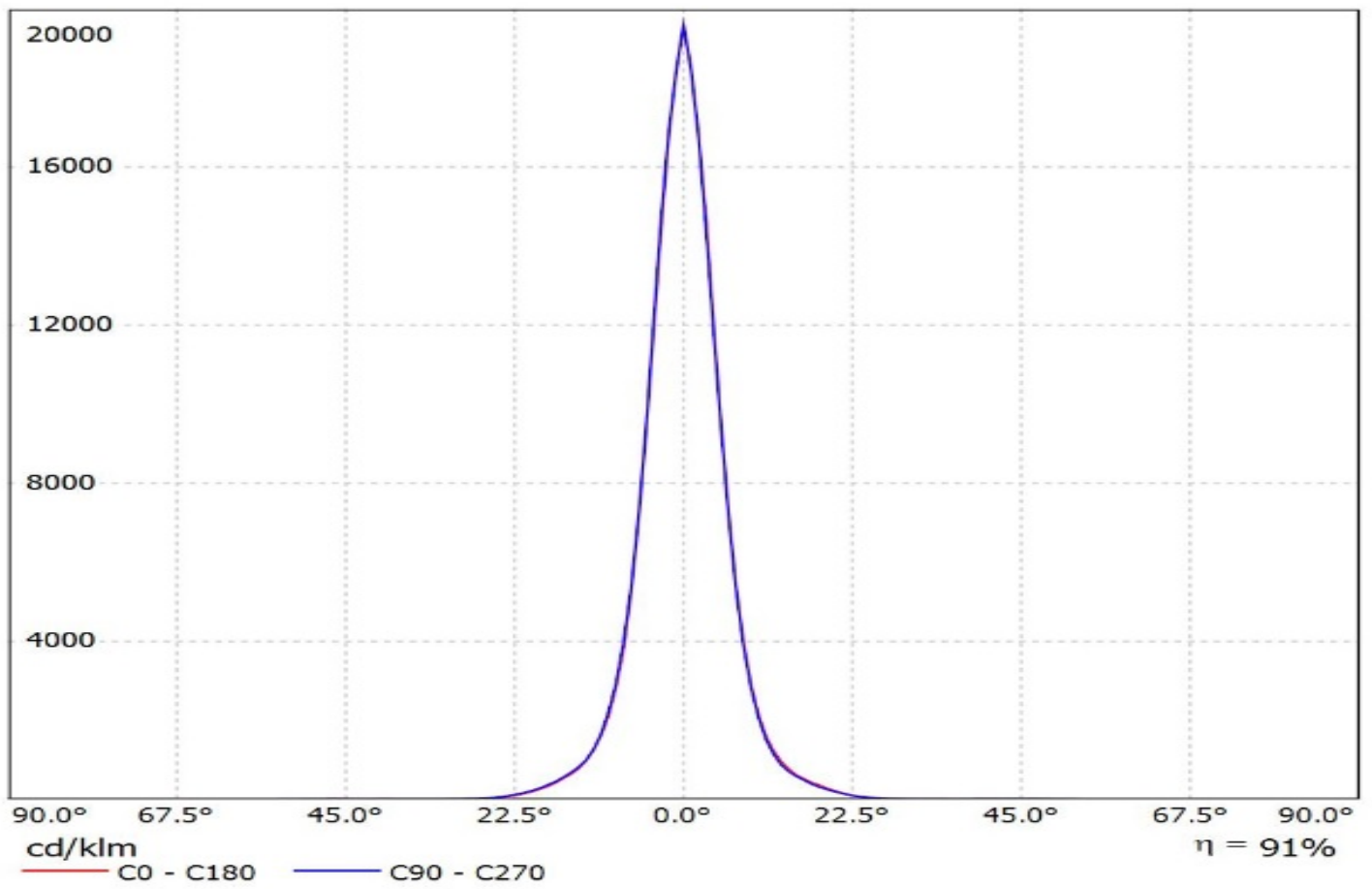


Luminaire: Ledil Oy CA14505\_G2-LXP2-RS2-P\_(Luxeon\_T)\_SIMULATED  
Lamps: 1 x Lumileds Luxeon T



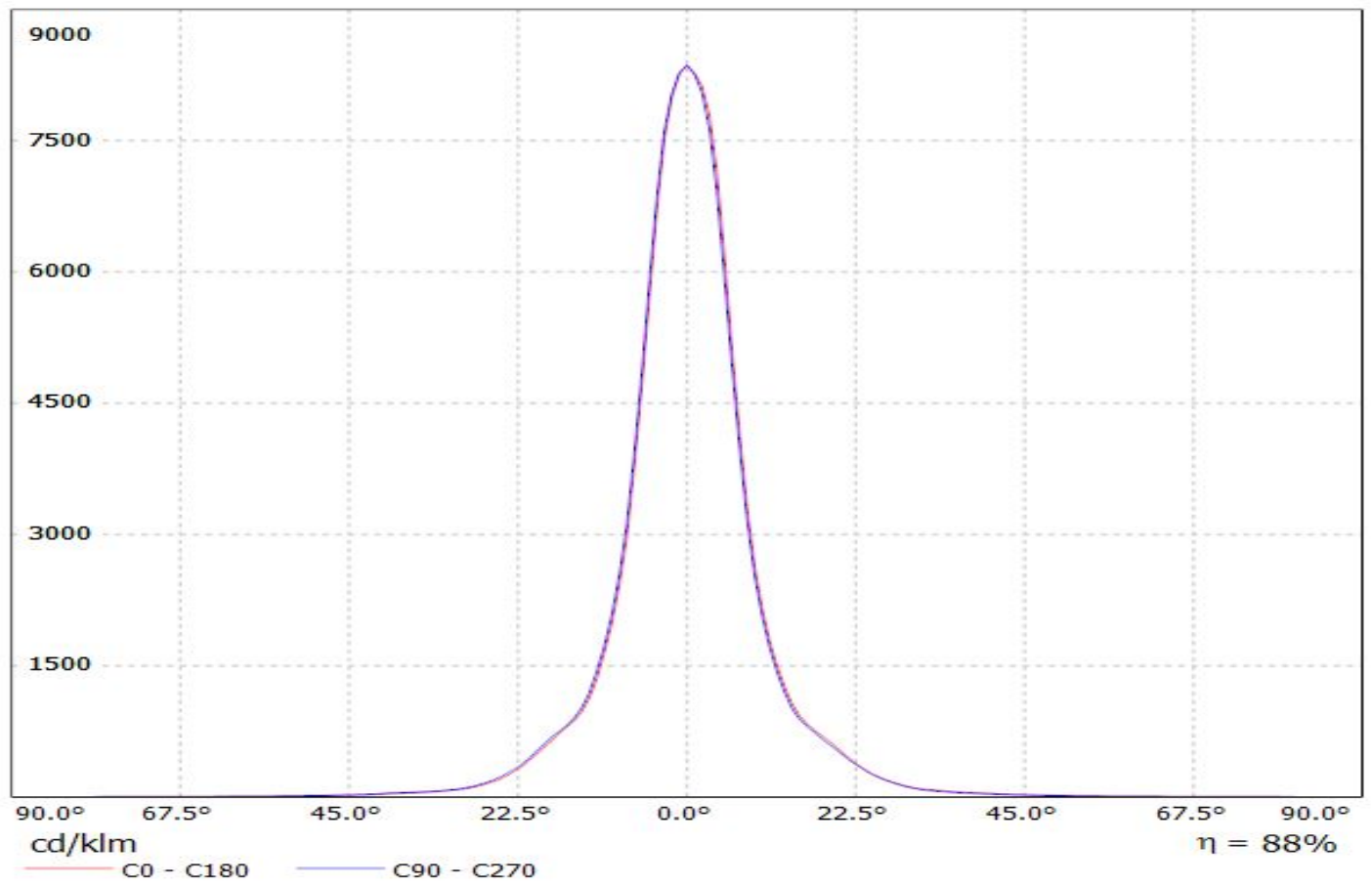


Luminaire: Ledil Oy CA14505\_G2-LXP2-RS2-P\_(Luxeon\_TX)\_SIMULATED  
Lamps: 1 x Lumileds Luxeon TX

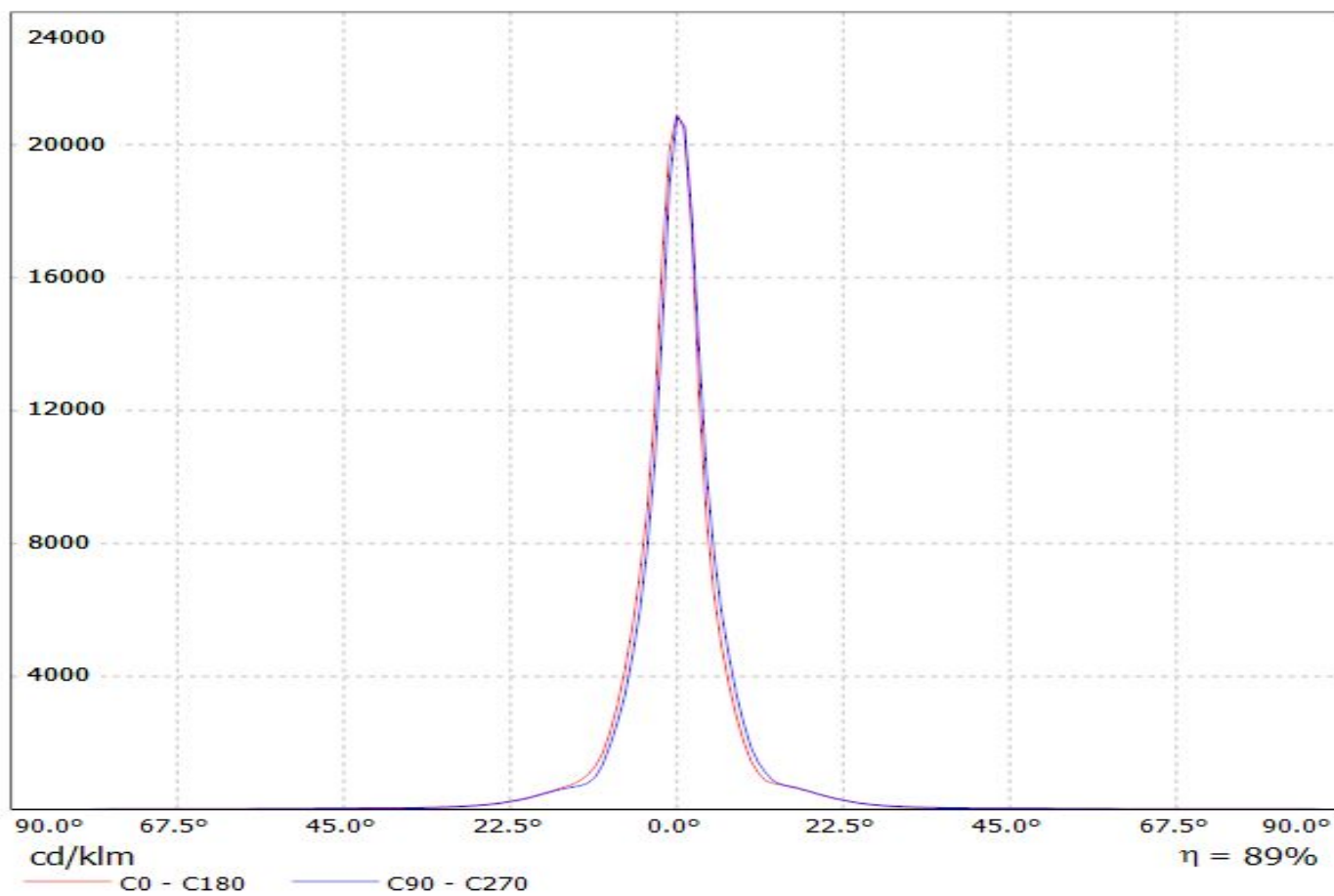


Luminaire: LEDiL Oy CA14505\_G2-LXP2-RS2-P\_(Luxeon\_V)

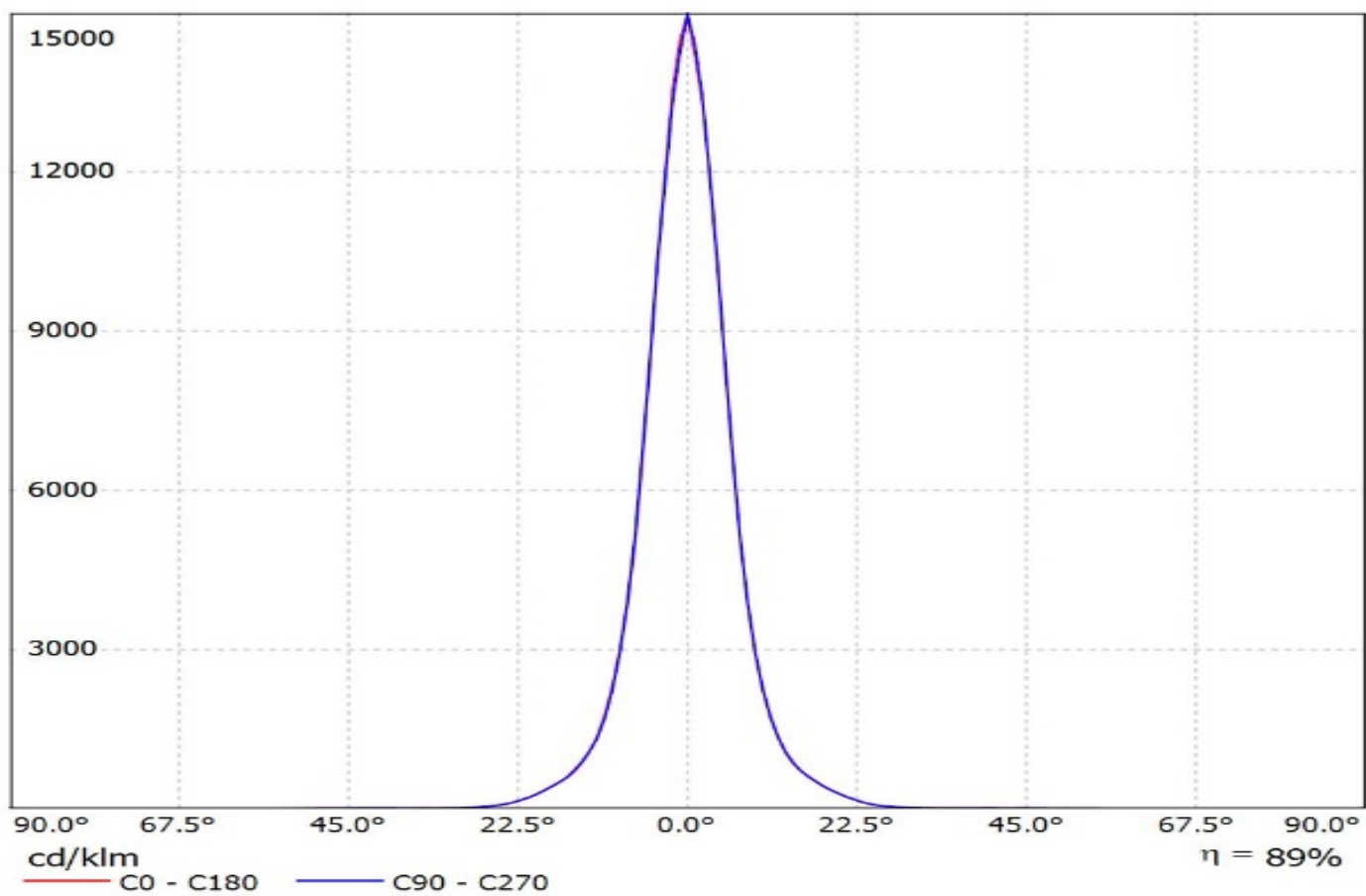
Lamps: 1 x Lumileds\_Luxeon\_V\_122.923lm@250mA\_CCT=4000K\_P=0.704836W\_I=0.25A



Luminaire: LEDiL Oy CA14505\_G2-LXP2-RS2-P\_(Nichia\_NCSxx19A)  
Lamps: 1 x Nichia\_NCSxx19A\_66.5093lm@250mA\_P=0.78701W\_I=0.2499A

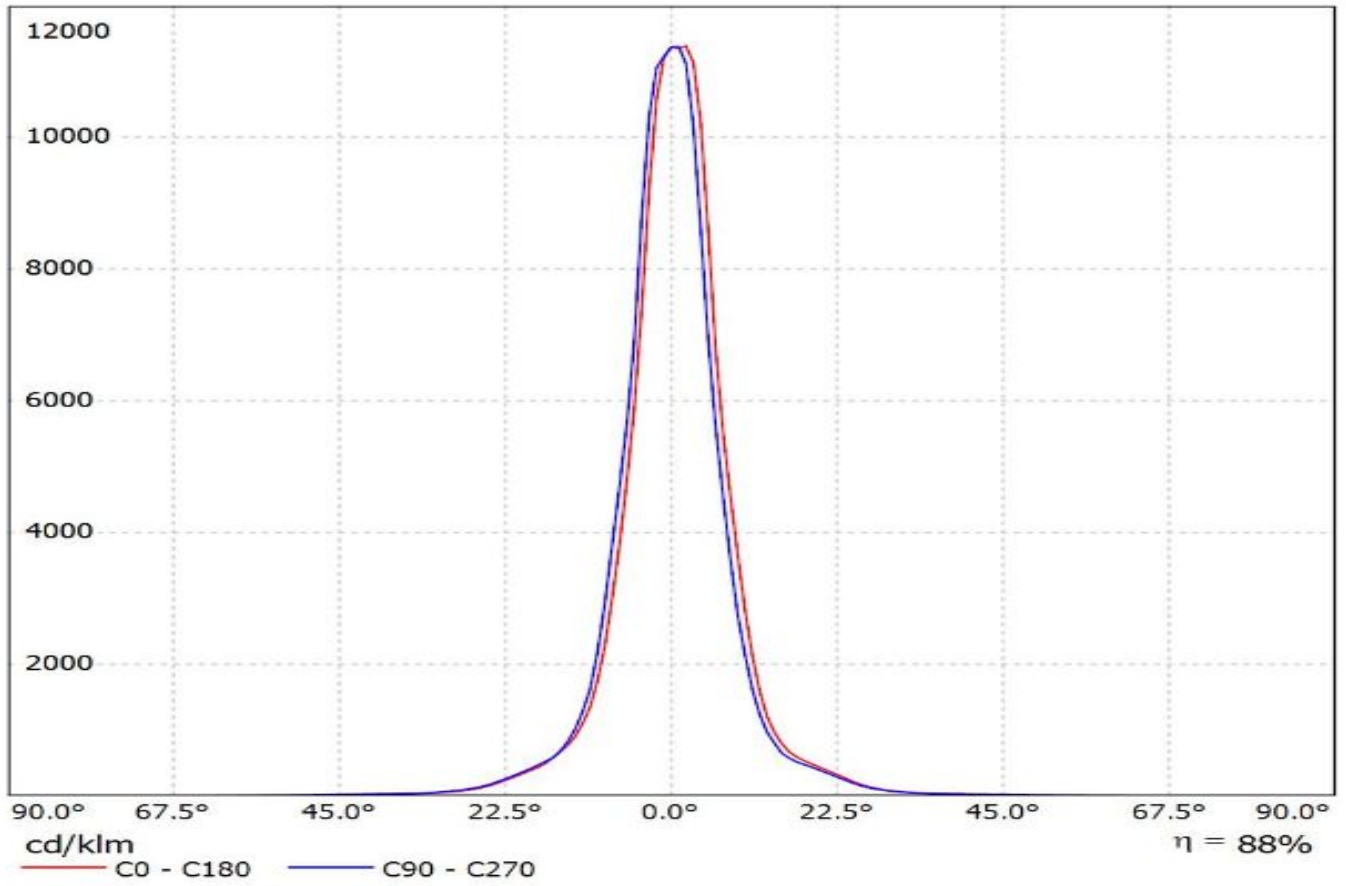


Luminaire: Ledil Oy CA14505\_G2-LXP2-RS2-P\_(NVSxx19B)\_SIMULATED  
Lamps: 1 x Nichia NVSxx19V (NVSW219B)

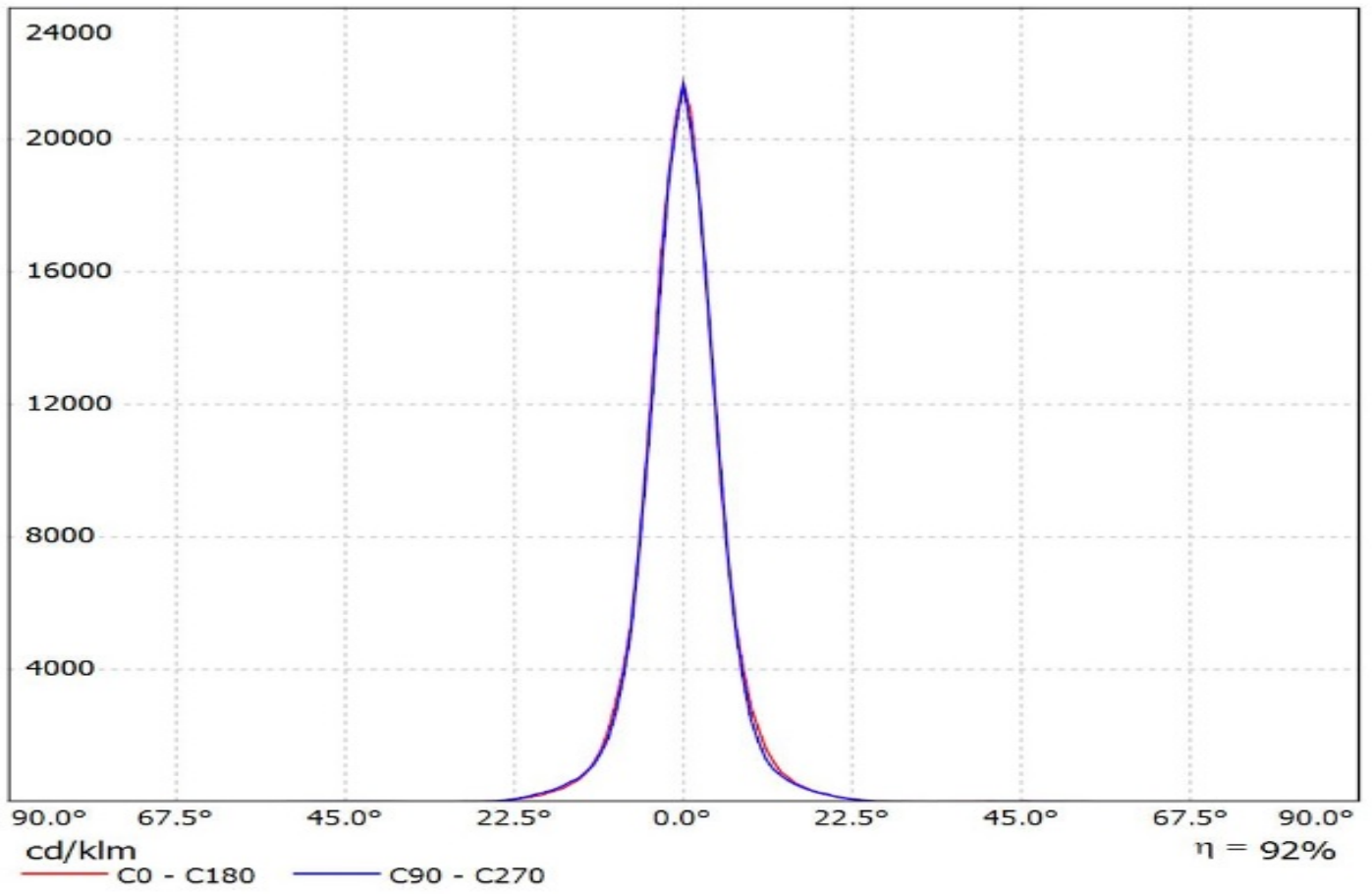


Luminaire: LEDiL Oy CA14505\_G2-LXP2-RS2-P\_(NVSW3x9A)

Lamps: 1 x Nichia\_NVSW3x9A\_(sm405/R70)\_122.334lm@250mA\_P=0.705435W\_I=0.250A

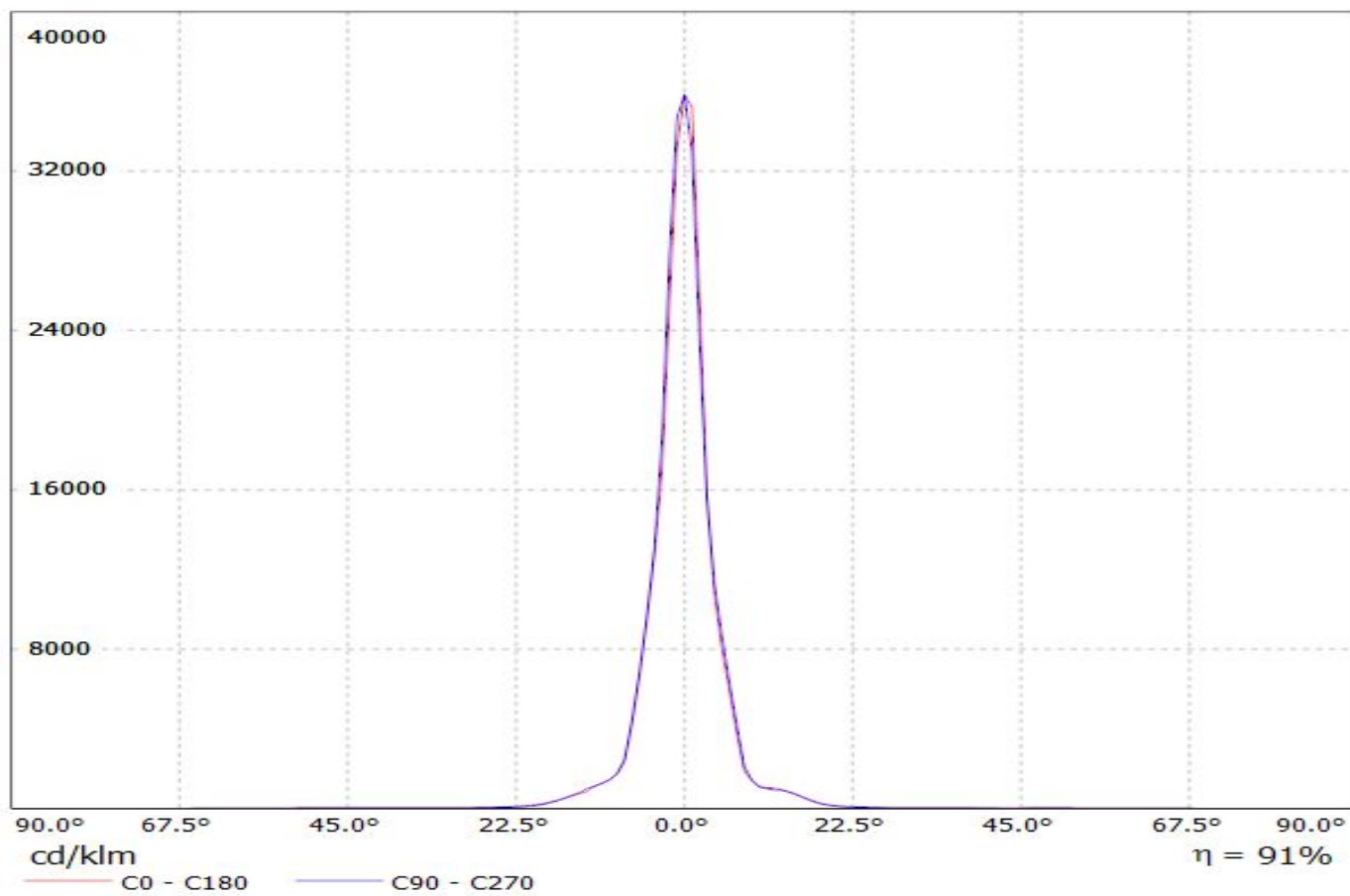


Luminaire: Ledil Oy CA14505\_G2-LXP2-RS2-P\_(Oslon\_Sqaure\_Gen3)\_SIMULATED  
Lamps: 1 x Osram Oslon Square Gen 3 (GW\_CSSRM2.PC)

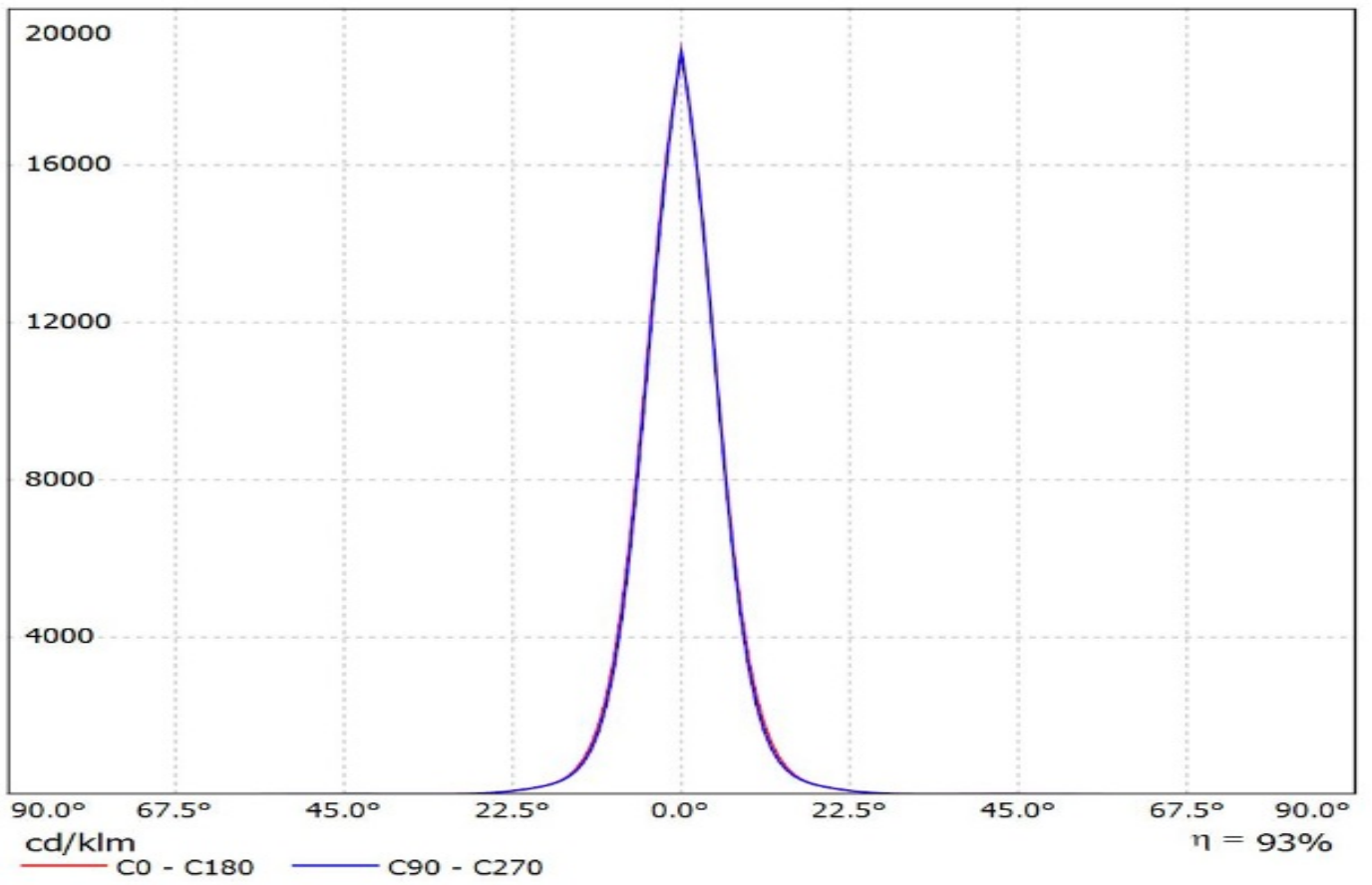


Luminaire: LEDiL Oy CA14505\_G2-LXP2-RS2-P\_(SSL80)

Lamps: 1 x Osram\_Oslon\_SSL80\_(LCW\_CQ7P\_CC)\_55.3059lm@250mA\_P=0.744927W\_I=0.250A



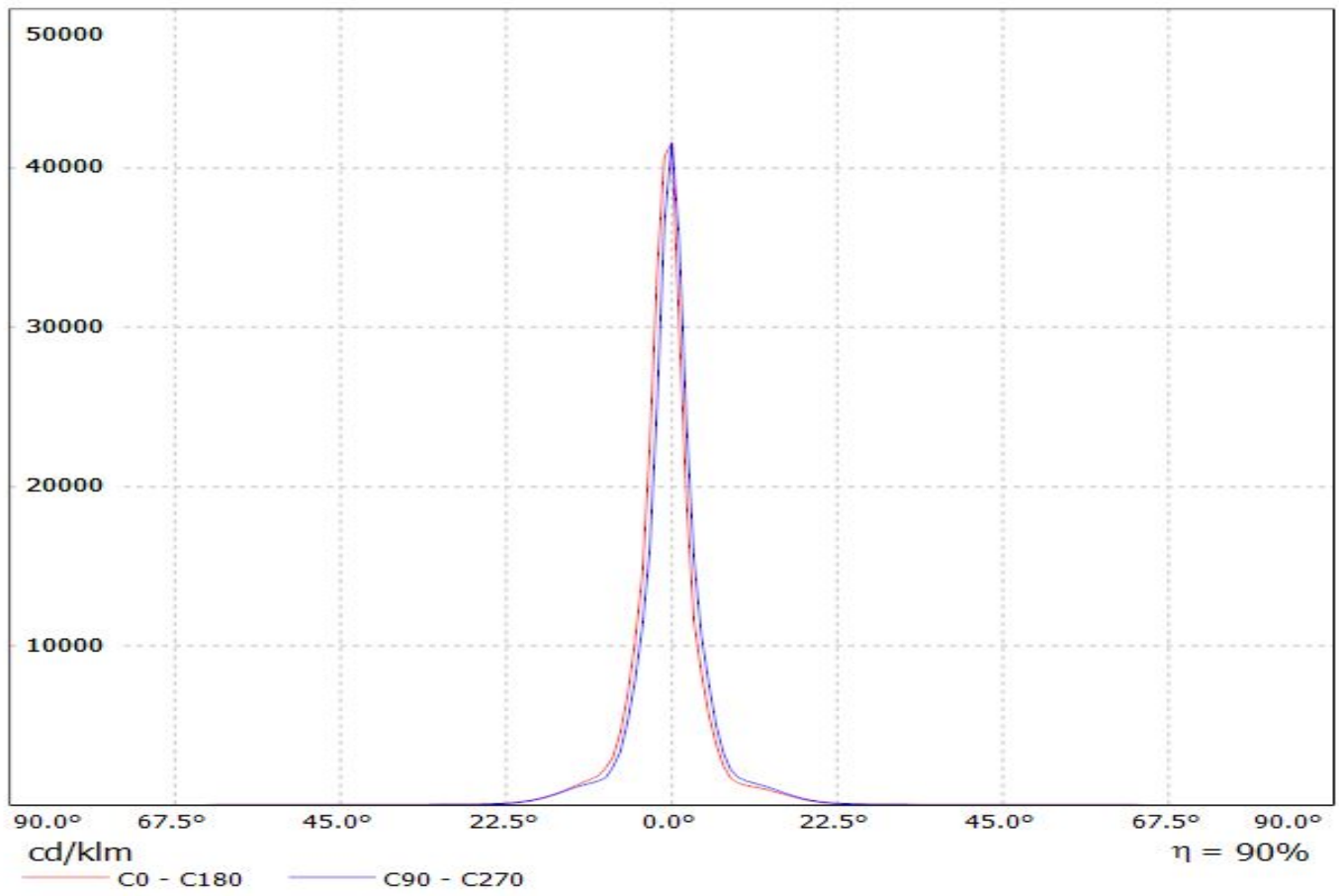
Luminaire: Ledil Oy CA14505\_G2-LXP2-RS2-P\_(Osram\_Oslon\_SQ\_PC)\_SIMULATED  
Lamps: 1 x Osram\_Oslon\_SQ\_PC



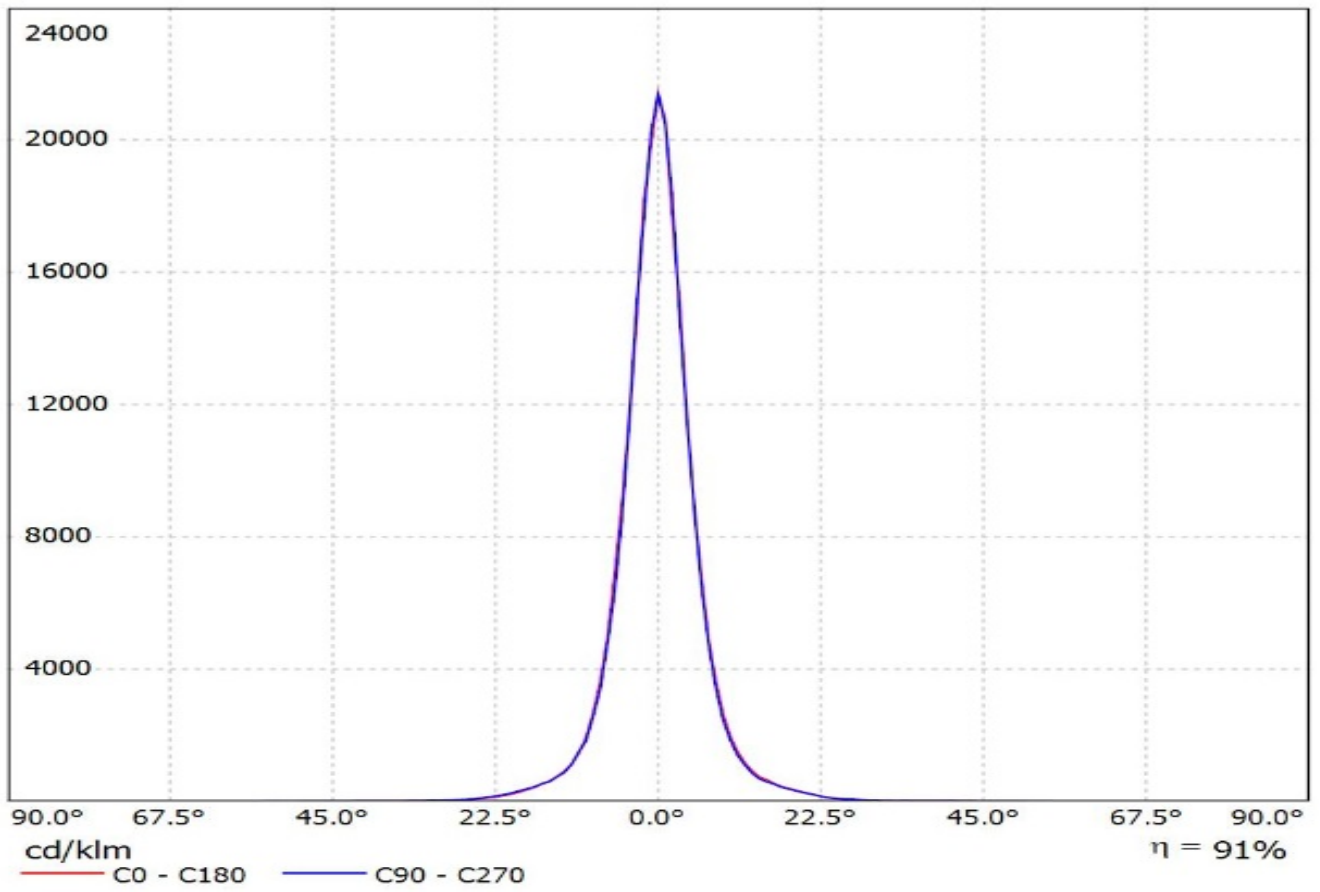


Luminaire: LEDiL Oy CA14505\_G2-LXP2-RS2-P\_(SSL150)

Lamps: 1 x Osram\_Oslon\_SSL150\_84.5058lm@250mA\_P=0.777914W\_I=0.250A

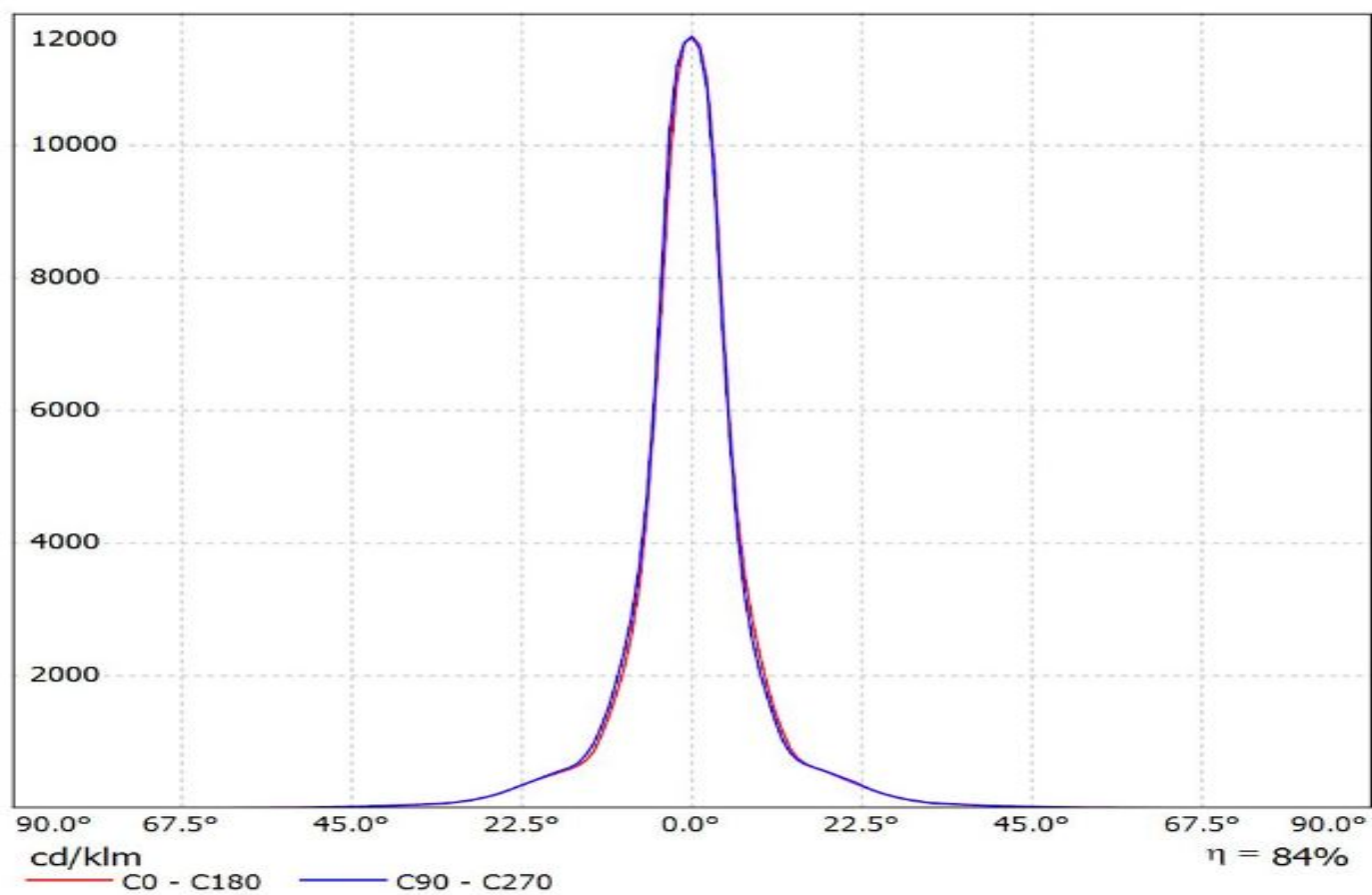


Luminaire: Ledil Oy CA14505\_G2-LXP2-RS2-P\_(OSRAM\_OSLON\_SQUARE\_FLAT)\_SIMULATED  
Lamps: 1 x OSRAM\_OSLON\_SQUARE\_FLAT

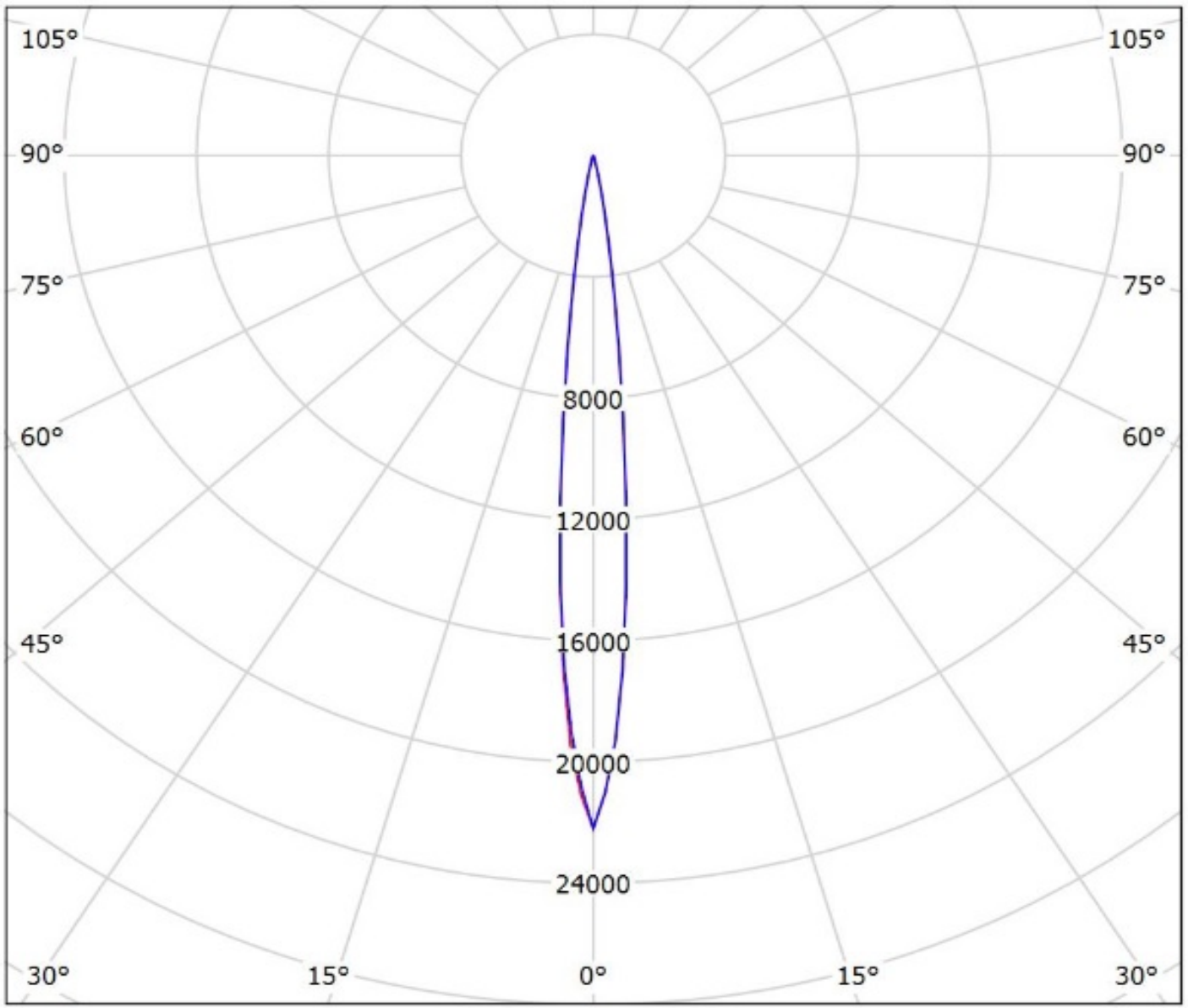


Luminaire: LEDiL Oy CA14505\_G2-LXP2-RS2-P\_(Z8Y22plus)

Lamps: 1 x Seoul\_Z8Y22plus\_(W6E2G)\_125.652lm@250mA\_P=0.69312W\_I=0.250A



Luminaire: Ledil Oy CA14505\_G2-LXP2-RS2-P\_XP-G2\_SIMULATED  
Lamps: 1 x CREE XP-G2



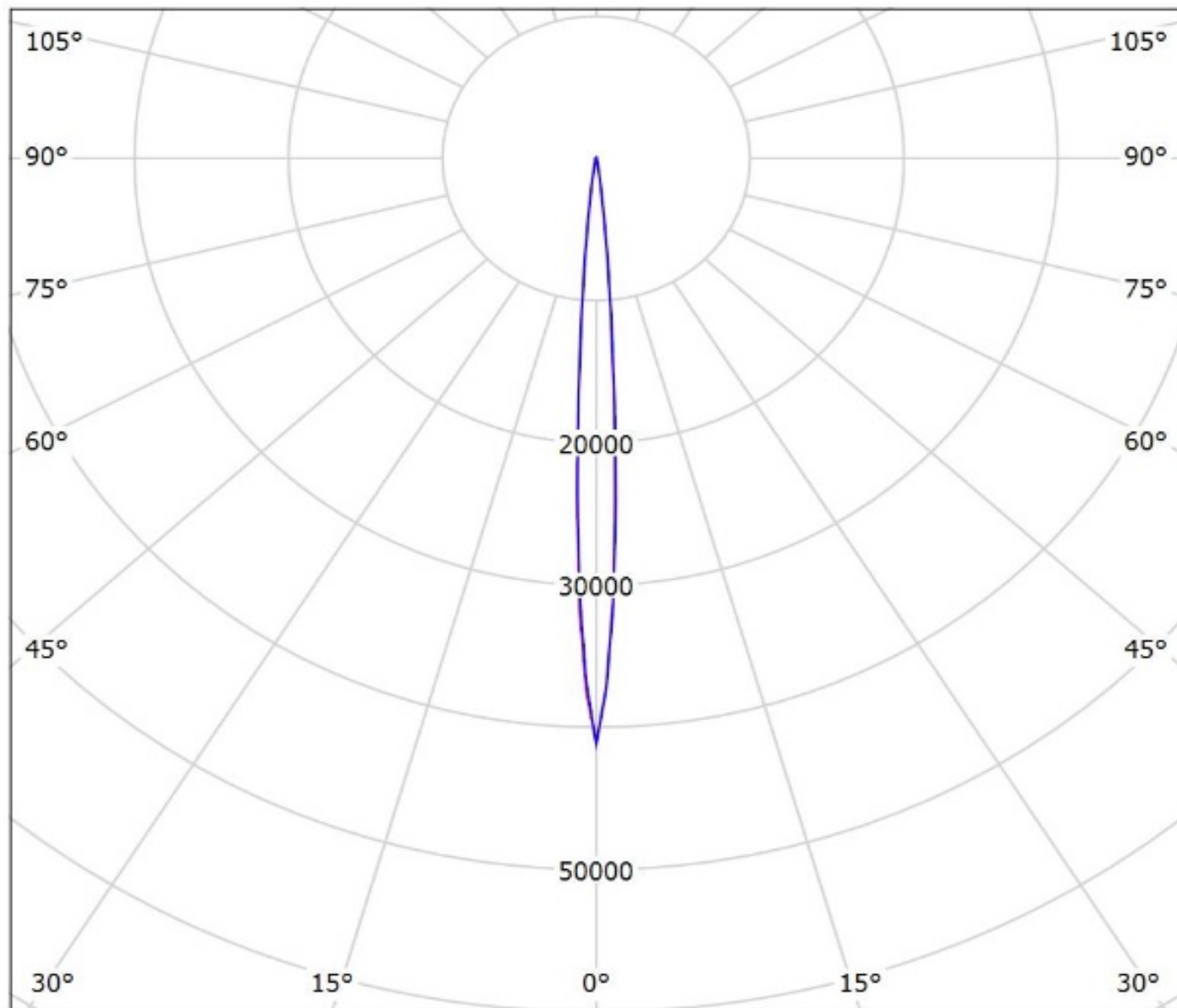
cd/klm

— C0 - C180    — C90 - C270

$\eta = 93\%$

Luminaire: Ledil Oy CA14505\_G2-LXP2-RS2-P\_(XQ-E)\_SIMULATED

Lamps: 1 x Cree XQ-E

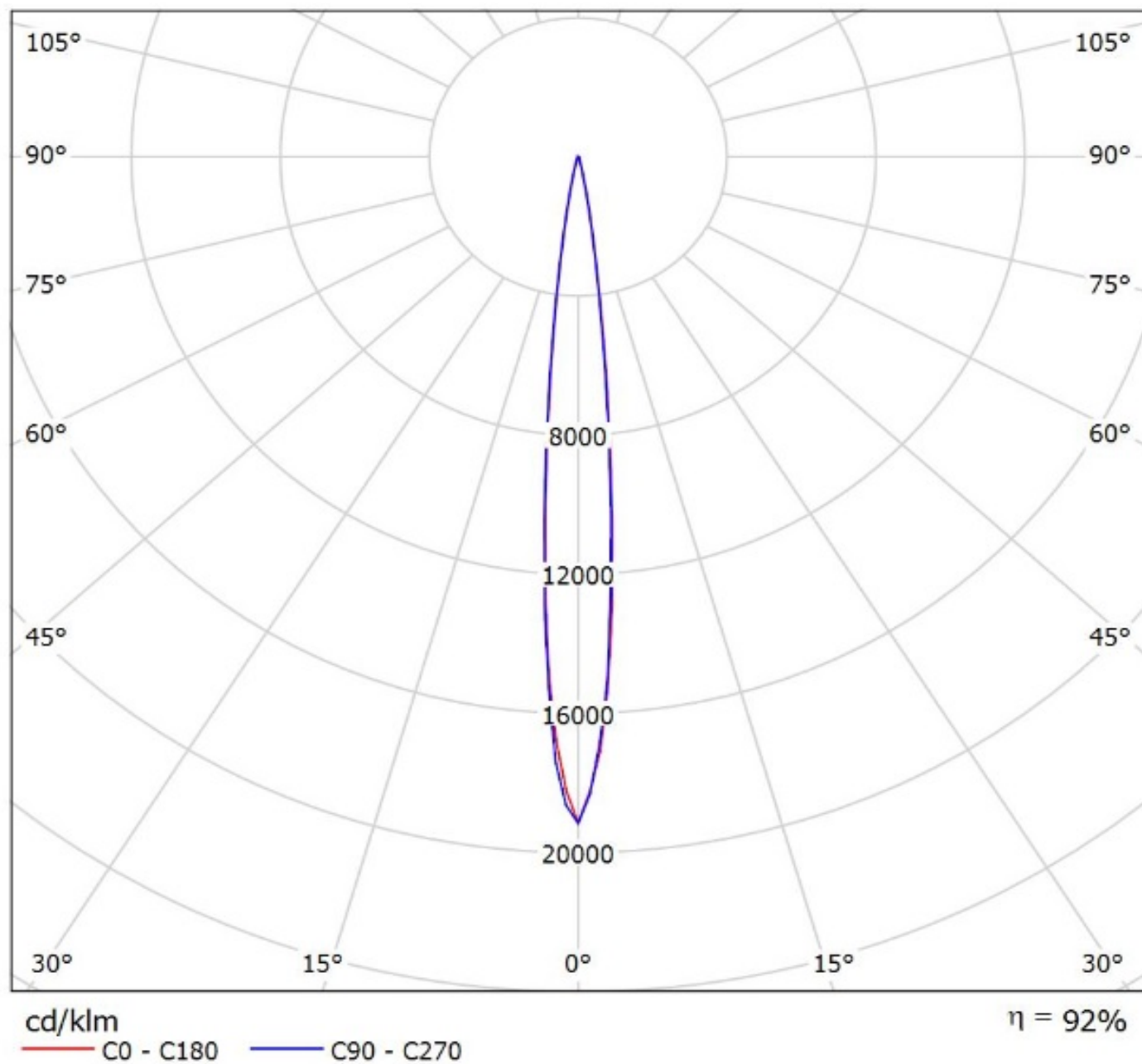


cd/klm

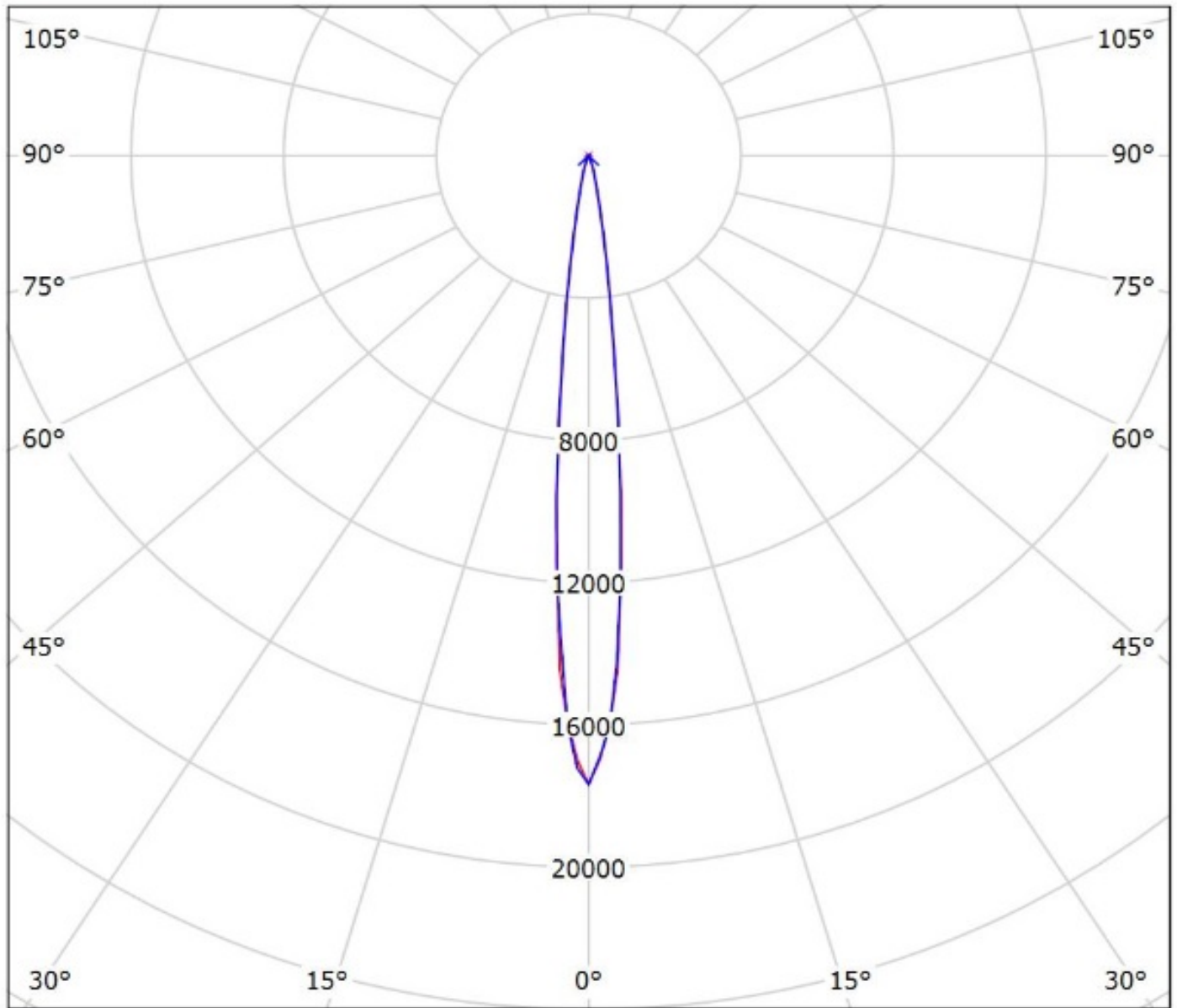
— C0 - C180 — C90 - C270

$\eta = 91\%$

Luminaire: Ledil Oy CA14505\_G2-LXP2-RS2-P\_(LG\_H35C1)\_SIMULATED  
Lamps: 1 x LG H35C1



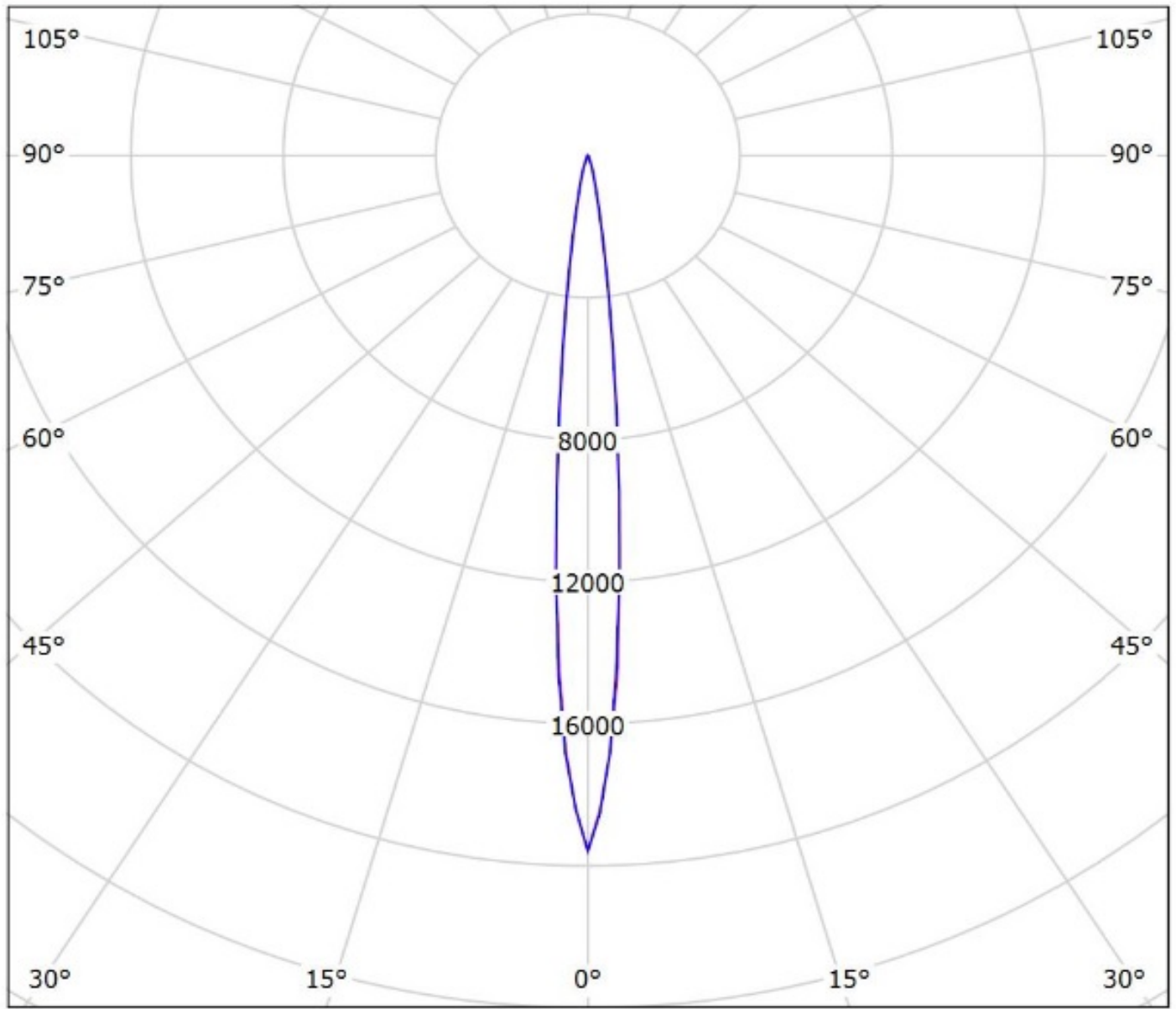
Luminaire: Ledil Oy CA14505\_G2-LXP2-RS2-P\_(Luxeon\_T)\_SIMULATED  
Lamps: 1 x Lumileds Luxeon T



cd/klm  
— C0 - C180 — C90 - C270

$\eta = 93\%$

Luminaire: Ledil Oy CA14505\_G2-LXP2-RS2-P\_(Luxeon\_TX)\_SIMULATED  
Lamps: 1 x Lumileds Luxeon TX



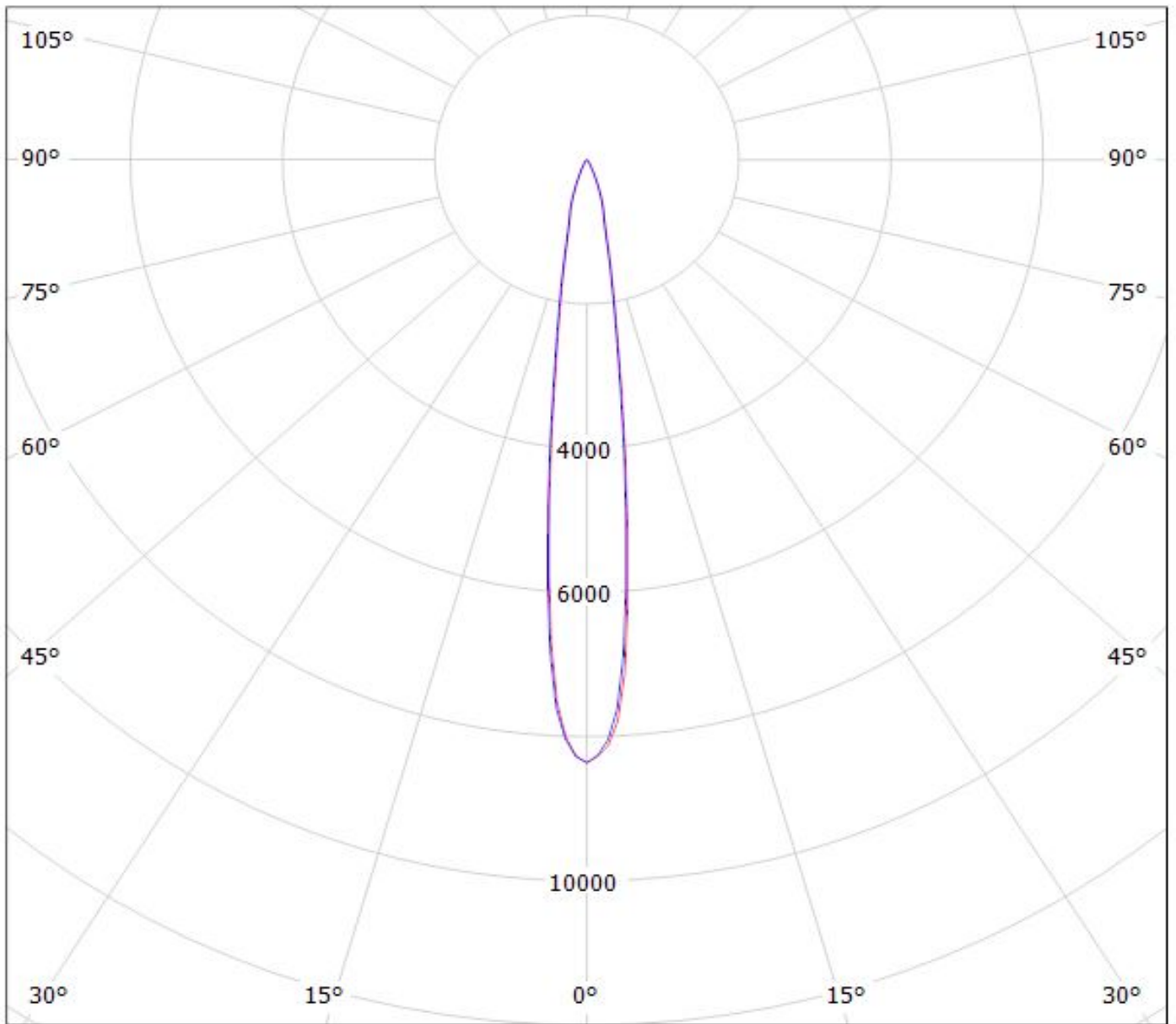
cd/klm  
— C0 - C180 — C90 - C270

$\eta = 91\%$



Luminaire: LEDiL Oy CA14505\_G2-LXP2-RS2-P\_(Luxeon\_V)

Lamps: 1 x Lumileds\_Luxeon\_V\_122.923lm@250mA\_CCT=4000K\_P=0.704836W\_I=0.25A



cd/klm

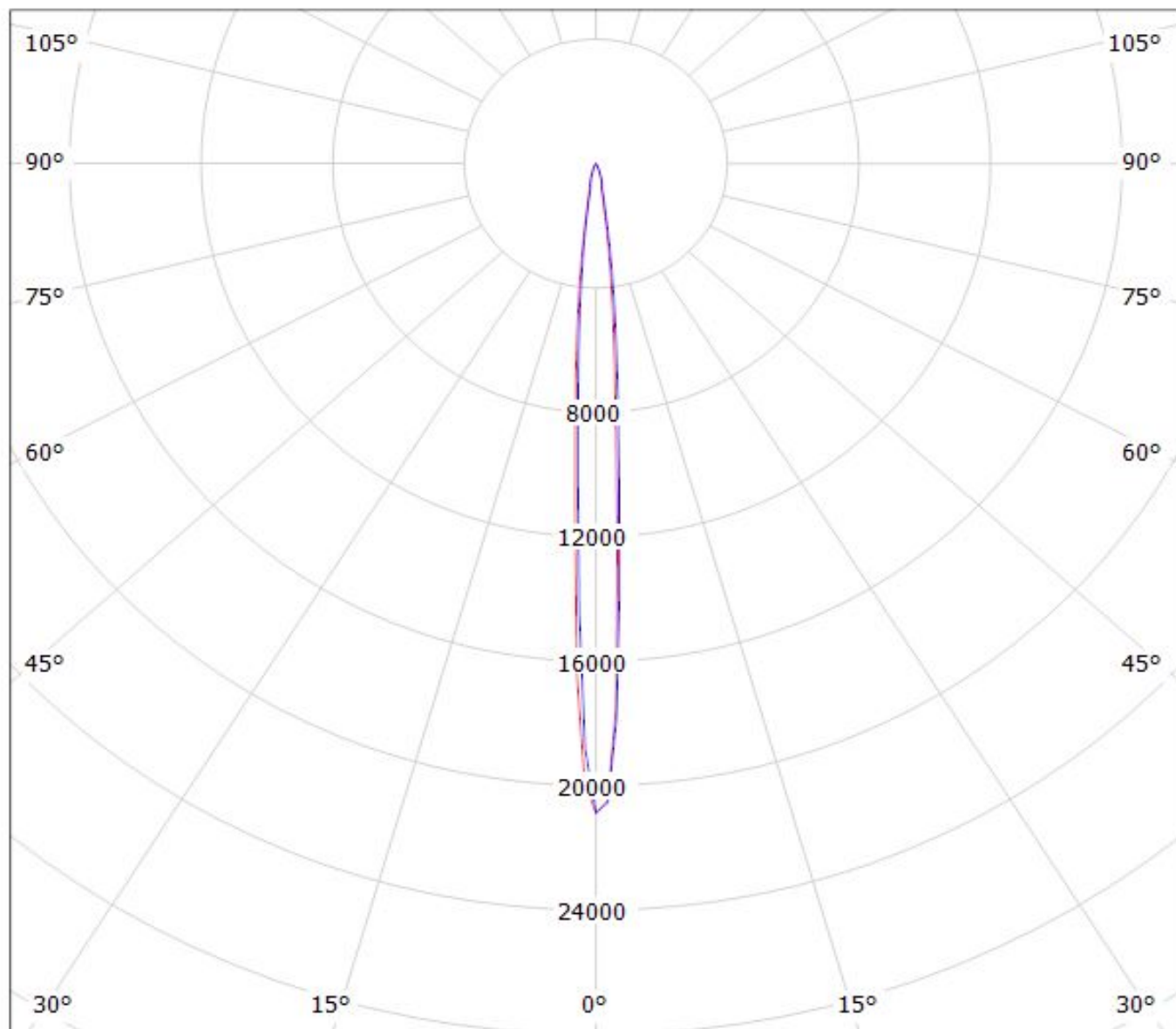
$\eta = 88\%$

— C0 - C180

— C90 - C270

Luminaire: LEDiL Oy CA14505\_G2-LXP2-RS2-P\_(Nichia\_NCSxx19A)

Lamps: 1 x Nichia\_NCSxx19A\_66.5093lm@250mA\_P=0.78701W\_I=0.2499A



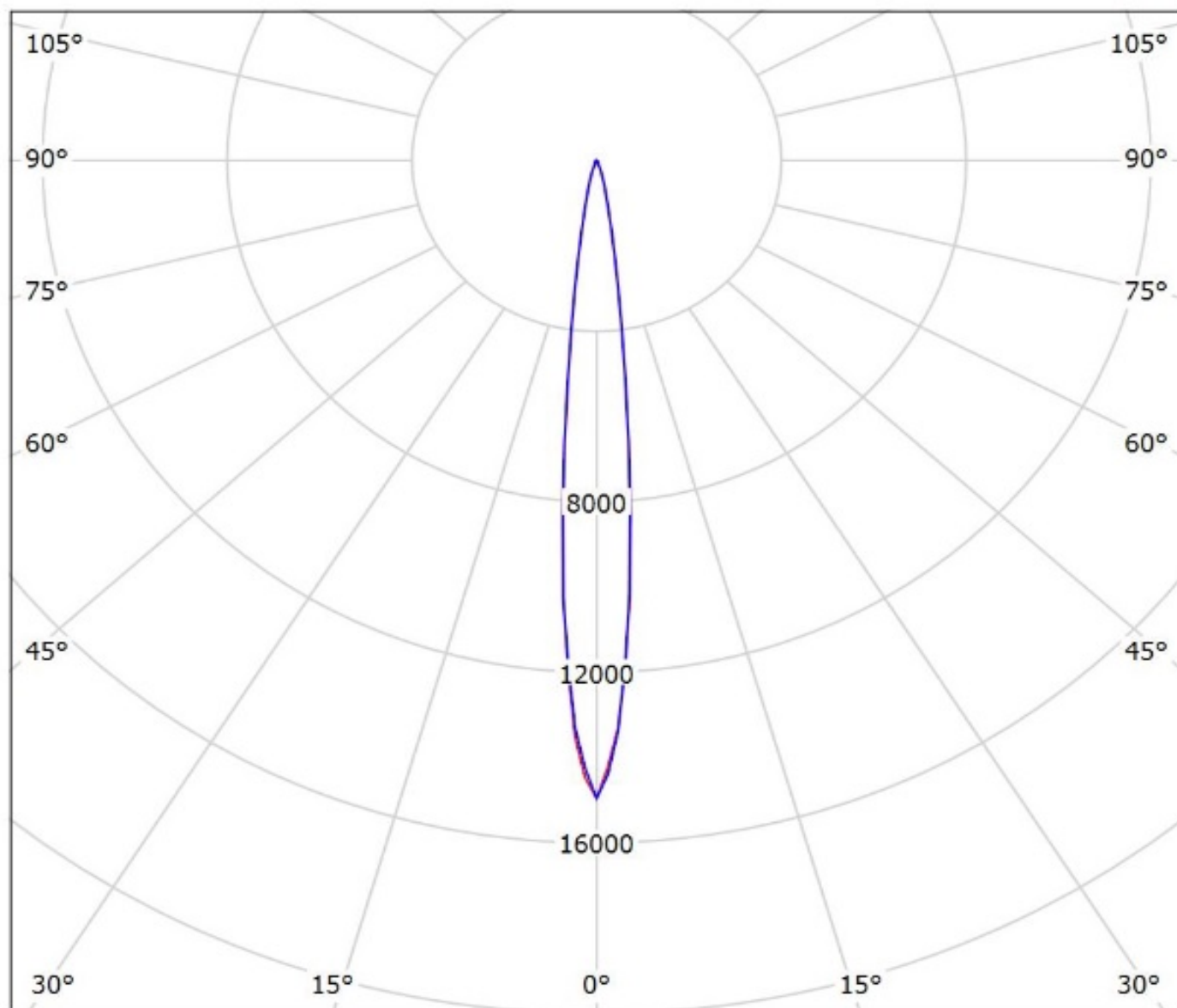
cd/klm

— C0 - C180

— C90 - C270

$\eta = 89\%$

Luminaire: Ledil Oy CA14505\_G2-LXP2-RS2-P\_(NVSxx19B)\_SIMULATED  
Lamps: 1 x Nichia NVSxx19V (NVSW219B)



cd/klm

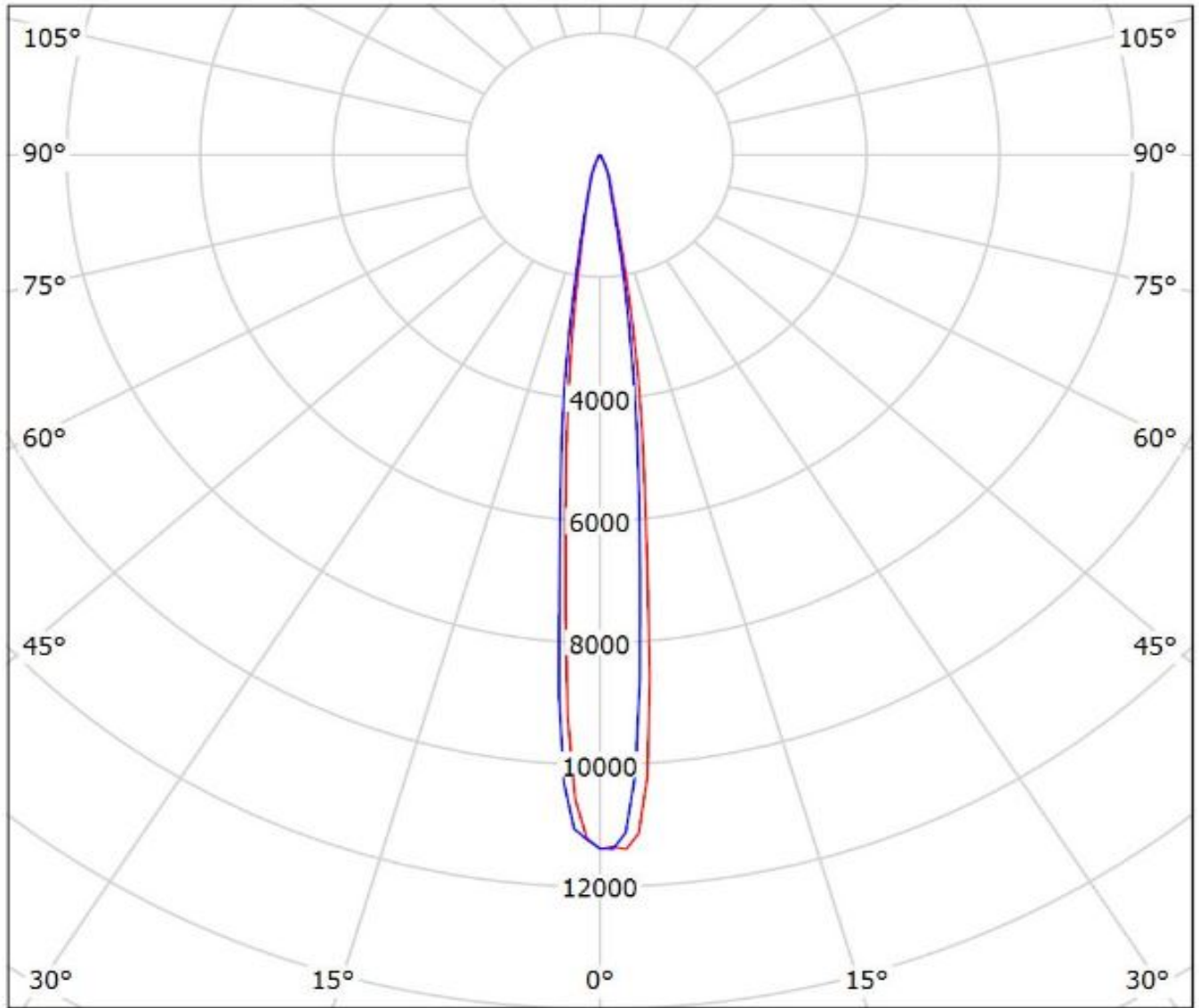
— C0 - C180

— C90 - C270

$\eta = 89\%$

Luminaire: LEDiL Oy CA14505\_G2-LXP2-RS2-P\_(NVSW3x9A)

Lamps: 1 x Nichia\_NVSW3x9A\_(sm405/R70)\_122.334lm@250mA\_P=0.705435W\_I=0.250A

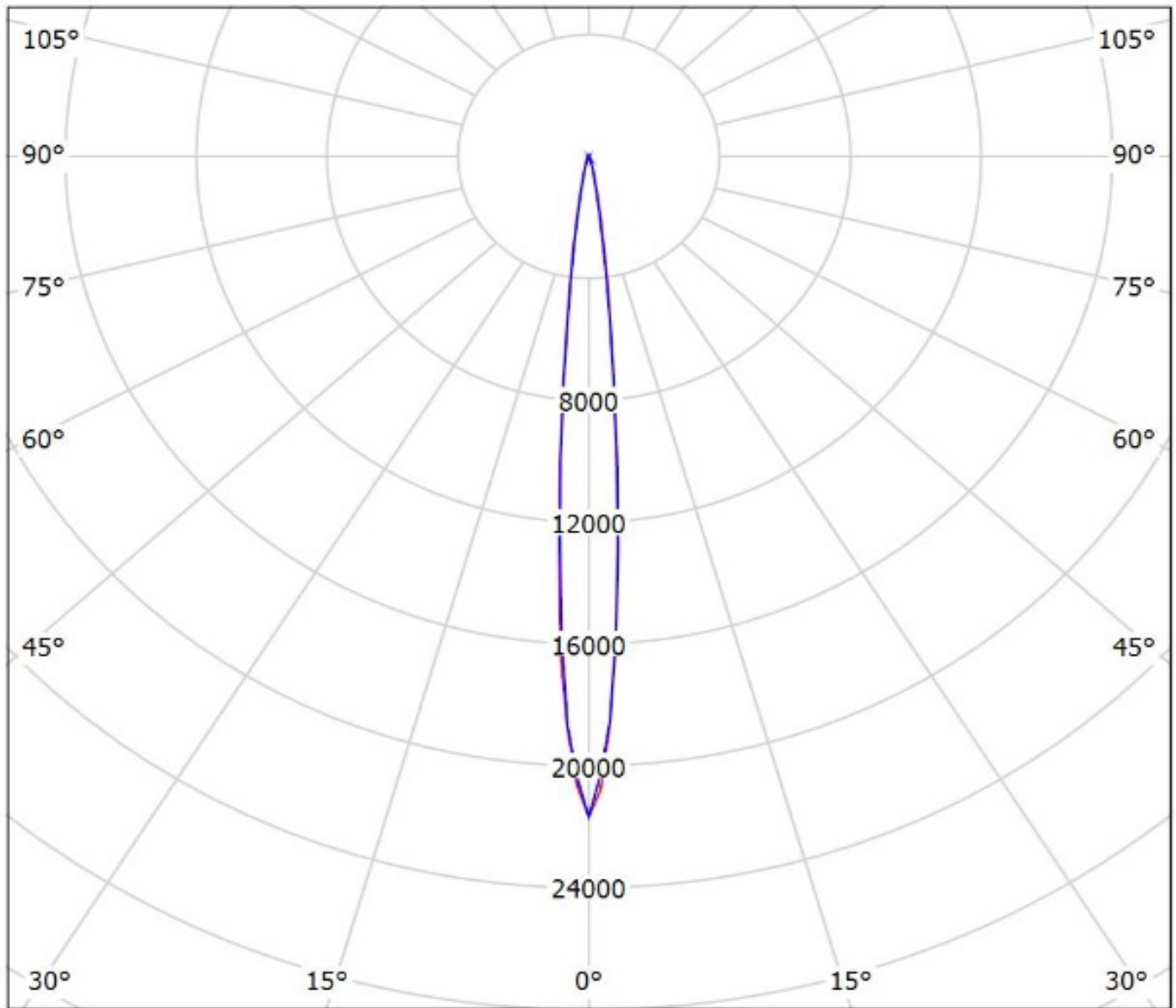


cd/klm

— C0 - C180 — C90 - C270

$\eta = 88\%$

Luminaire: Ledil Oy CA14505\_G2-LXP2-RS2-P\_(Oslon\_Sqaure\_Gen3)\_SIMULATED  
Lamps: 1 x Osram Oslon Square Gen 3 (GW\_CSSRM2.PC)

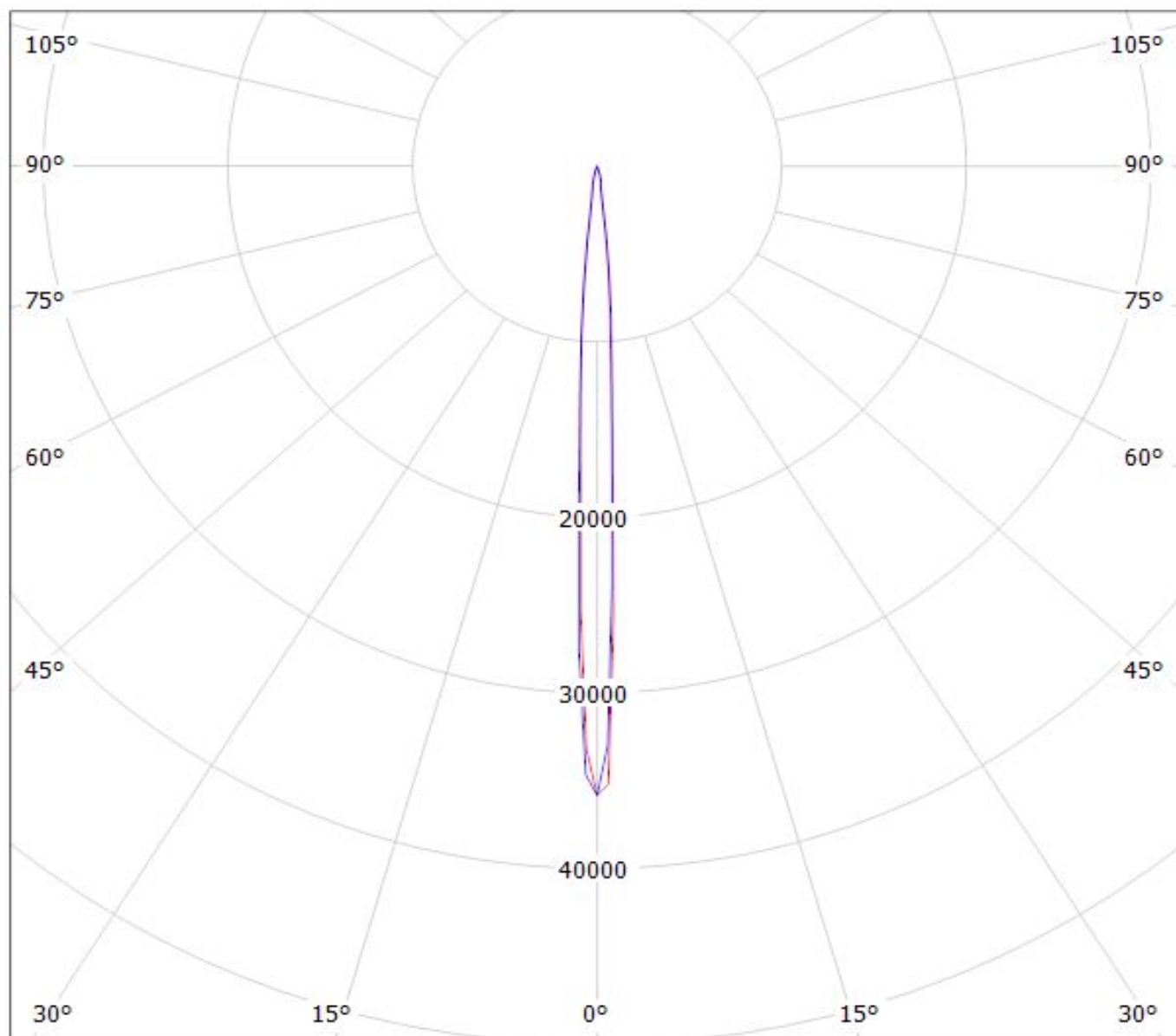


cd/klm  
— C0 - C180 — C90 - C270

$\eta = 92\%$

Luminaire: LEDiL Oy CA14505\_G2-LXP2-RS2-P\_(SSL80)

Lamps: 1 x Osram\_Oslon\_SSL80\_(LCW\_CQ7P\_CC)\_55.3059lm@250mA\_P=0.744927W\_I=0.250A



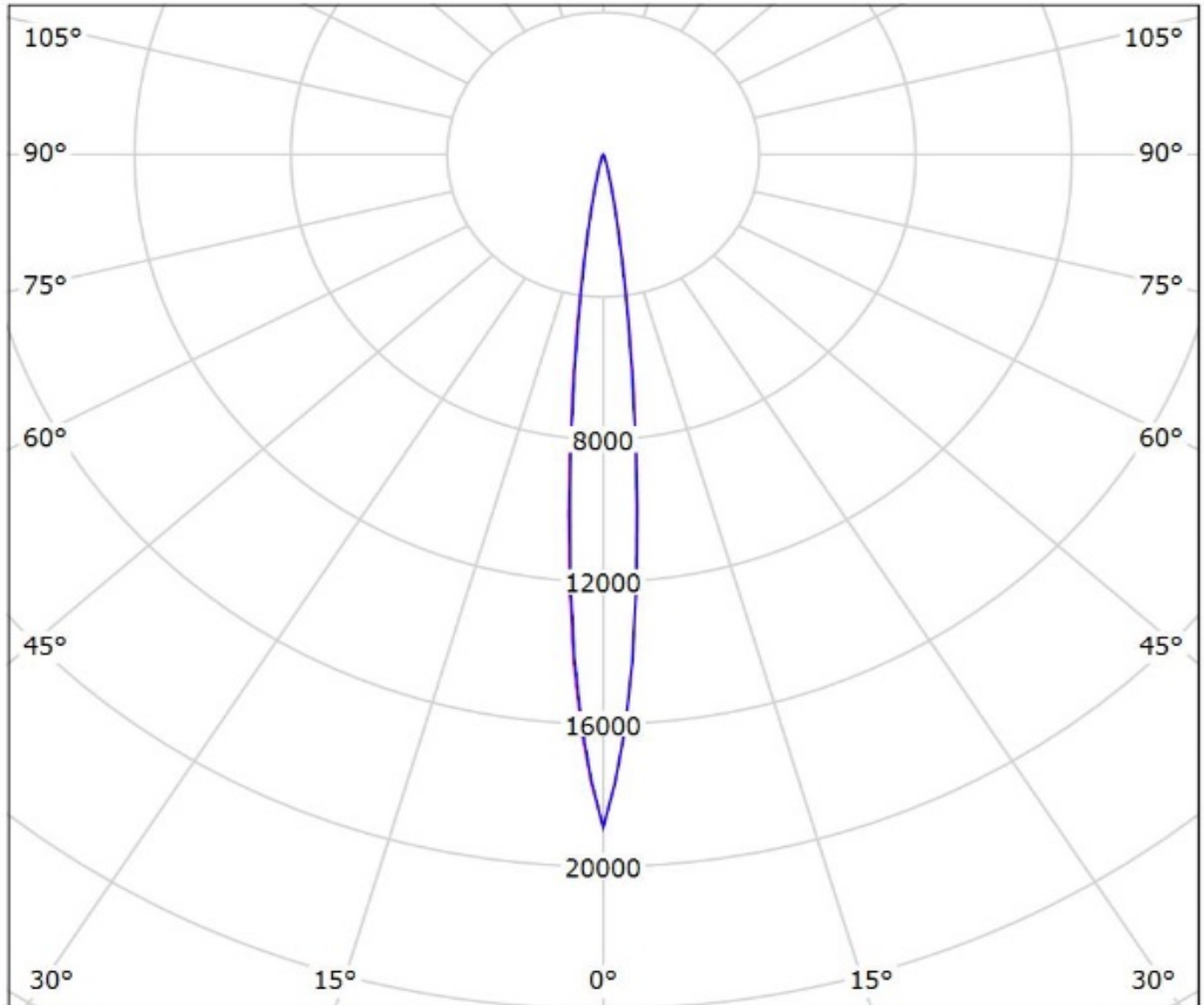
cd/klm

$\eta = 91\%$

— C0 - C180

— C90 - C270

Luminaire: Ledil Oy CA14505\_G2-LXP2-RS2-P\_(Osram\_Oslon\_SQ\_PC)\_SIMULATED  
Lamps: 1 x Osram\_Oslon\_SQ\_PC

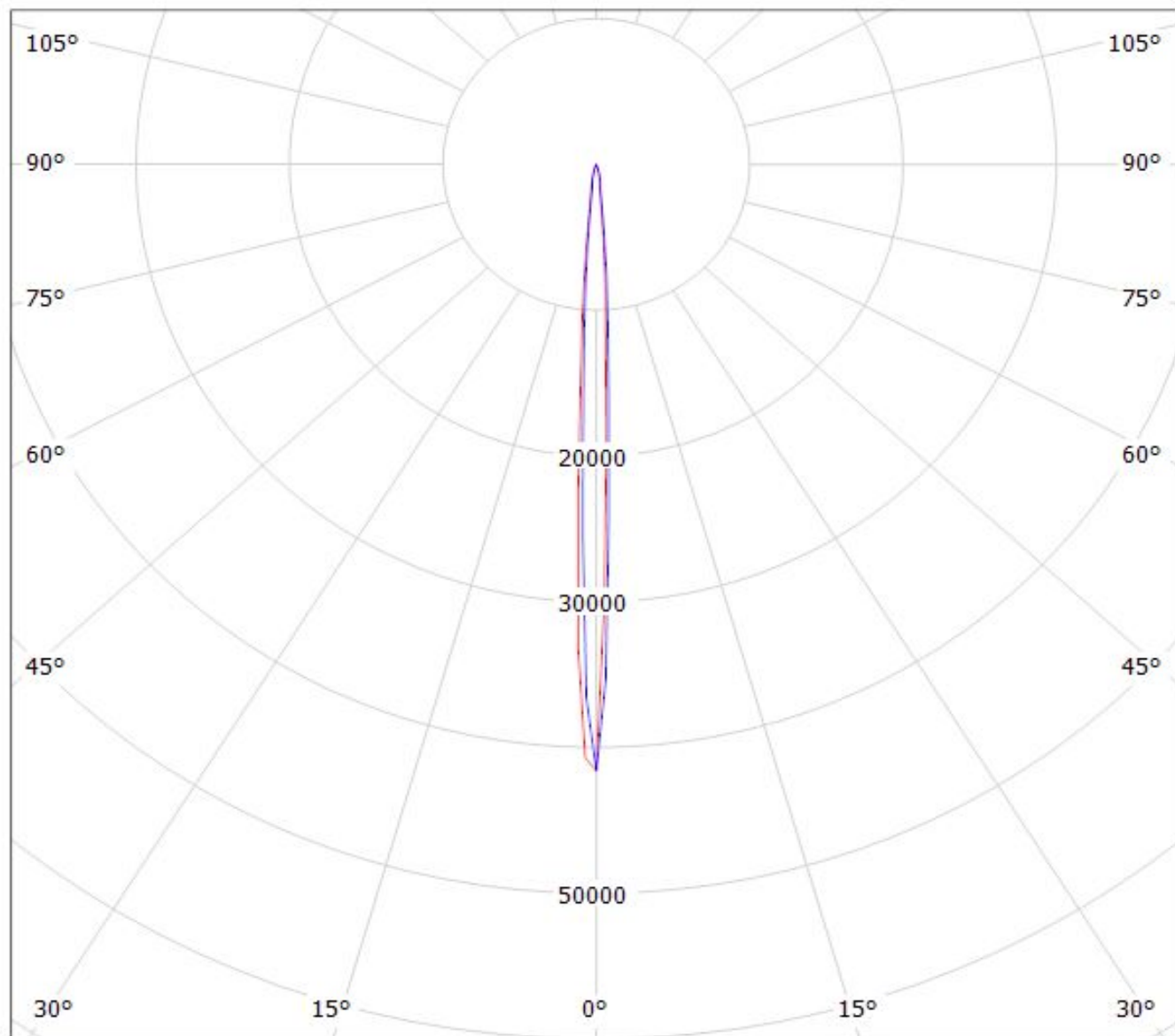


cd/klm  
— C0 - C180 — C90 - C270

$\eta = 93\%$

Luminaire: LEDiL Oy CA14505\_G2-LXP2-RS2-P\_(SSL150)

Lamps: 1 x Osram\_Oslon\_SSL150\_84.5058lm@250mA\_P=0.777914W\_I=0.250A



cd/klm

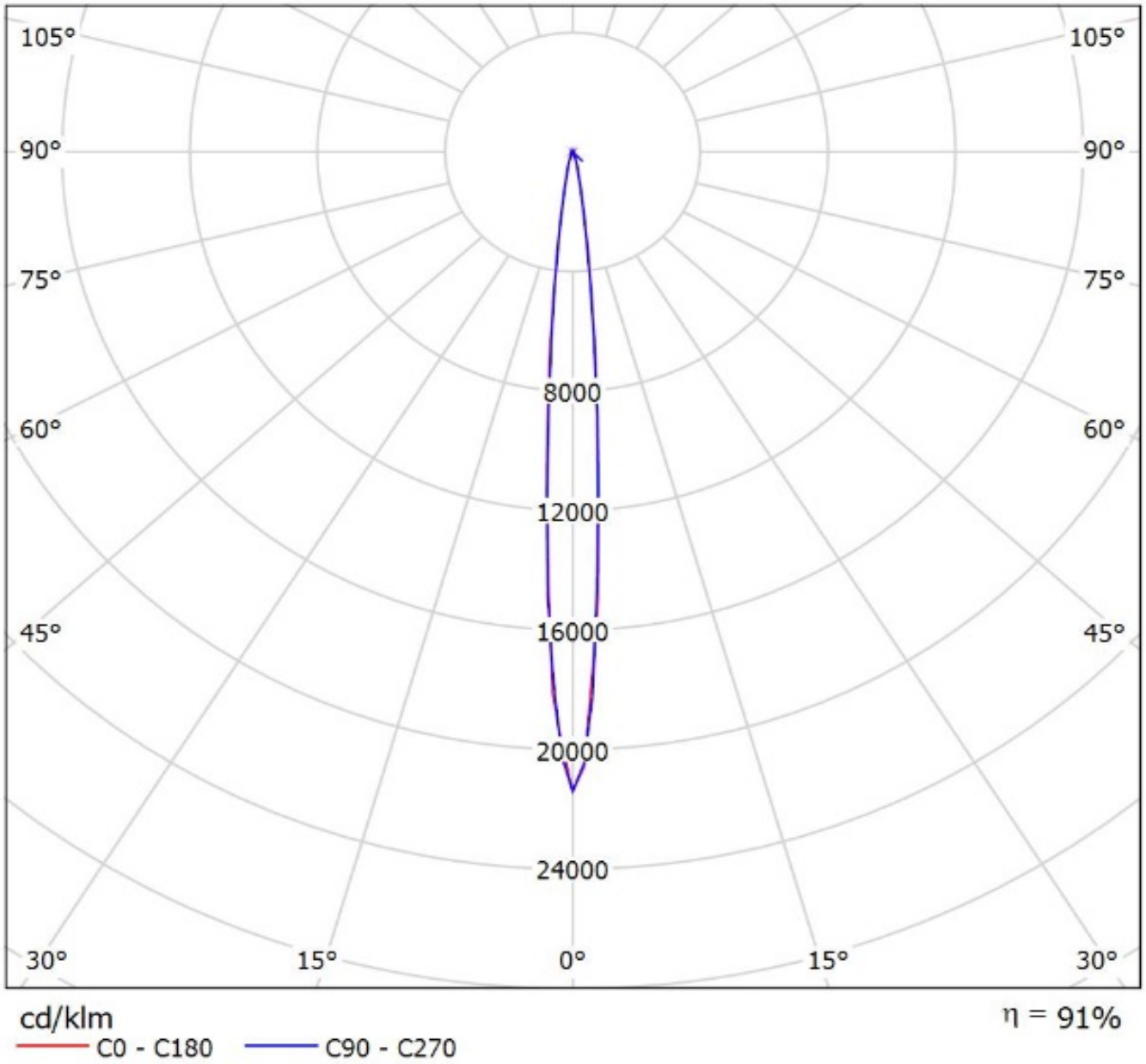
— C0 - C180

— C90 - C270

$\eta = 90\%$

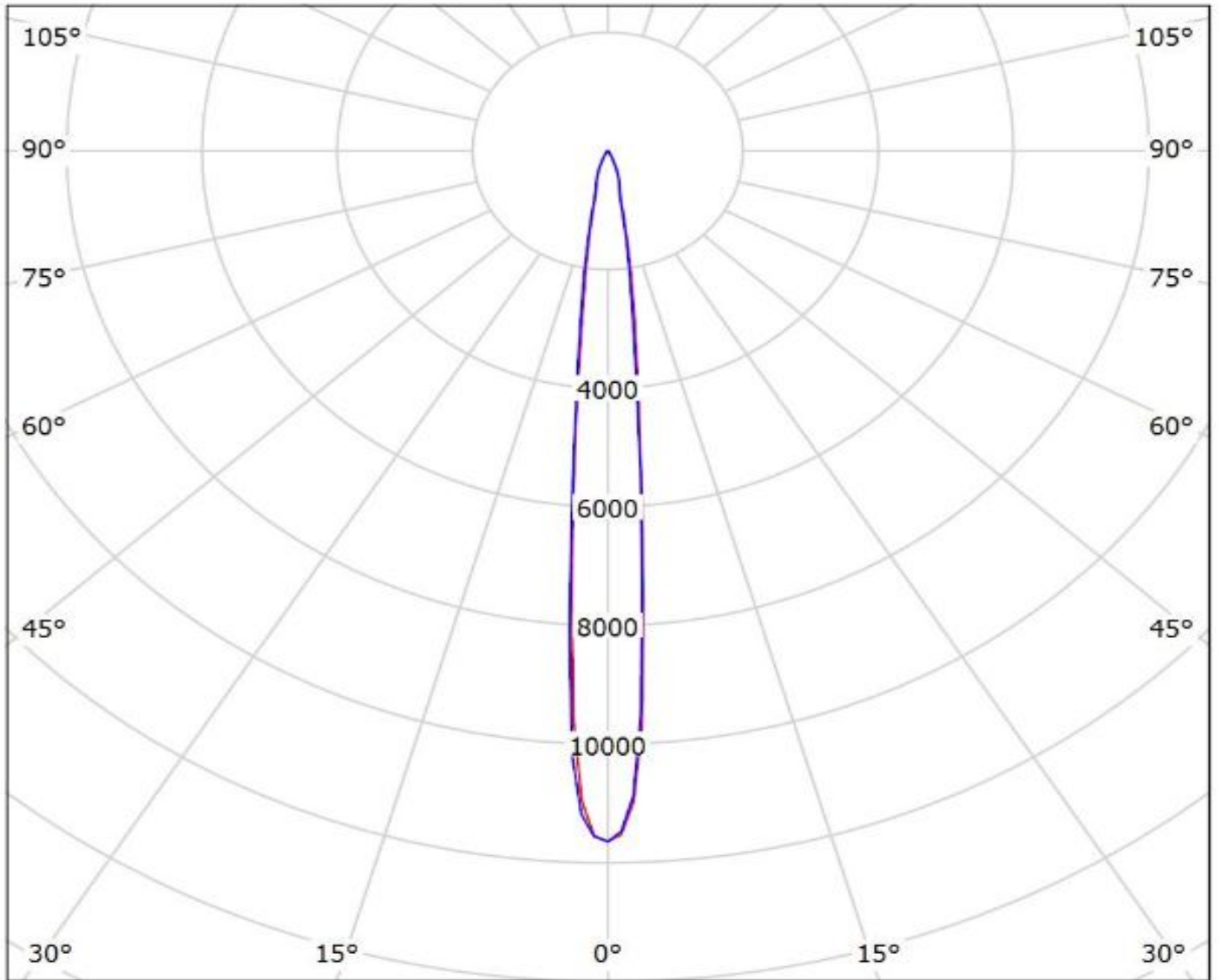


Luminaire: Ledil Oy CA14505\_G2-LXP2-RS2-P\_(OSRAM\_OSLON\_SQUARE\_FLAT)\_SIMULATED  
Lamps: 1 x OSRAM\_OSLON\_SQUARE\_FLAT



Luminaire: LEDiL Oy CA14505\_G2-LXP2-RS2-P\_(Z8Y22plus)

Lamps: 1 x Seoul\_Z8Y22plus\_(W6E2G)\_125.652lm@250mA\_P=0.69312W\_I=0.250A



cd/klm

— C0 - C180 — C90 - C270

$\eta = 84\%$

**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.**