

## DETAILS

<b>Product Number</b>	CP12412_LOS-RS
<b>Family</b>	Leila
<b>Type</b>	Assembly
<b>Color</b>	white
<b>Diameter</b>	21,6 mm
<b>Height</b>	14,3 mm
<b>Style</b>	round
<b>Optic Material</b>	PMMA
<b>Holder Material</b>	
<b>Fastening</b>	glue, pin
<b>Status</b>	production ready
<b>ROHS Compliant</b>	Yes
<b>Date Updated</b>	26/01/2017

## OPTICAL PROPERTIES

LED	Viewing	Light	Effi-		Connector
	Angle	Beam	ciency	cd/lm	
XT-E	sim: 9,9	Real spot	sim: 94 %	sim: 19.500-	
Oslo Square EC	10 deg	Real spot	94 %	20.900	-
Oslo SSL 80	7 deg	Real spot	93 %	29.800	-
Oslo SSL 150	6 deg	Real spot	93 %	40.000	-
LH351B	sim: 12	Real spot	sim: 94 %	sim: 15.000-	
Z5M1/Z5M2	sim: 11	Real spot	sim: 94 %	sim: 20.400-	



D

C

B

A

4

4

6.2

LED position

4.7

∅ 2

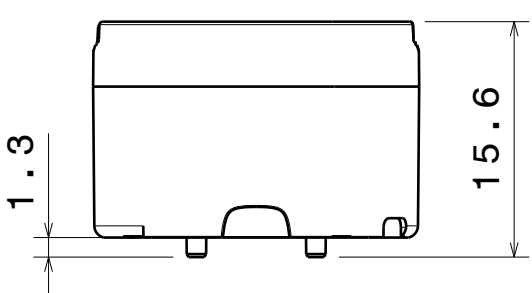
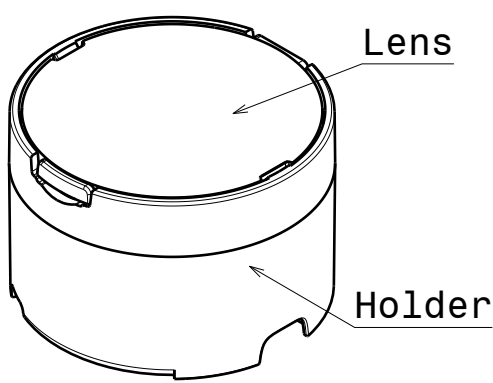
Bottom view

8.6

C / C

3

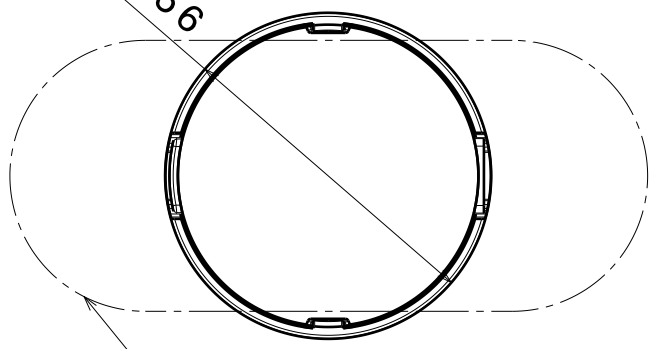
3



2

2

∅ 21.56



Oval-version beam direction, 0-90 turned 90 degree

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  
**CP12412\_LOS-RS**

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SIZE	PART NUMBER
<b>A4</b>	<b>CP12412</b>

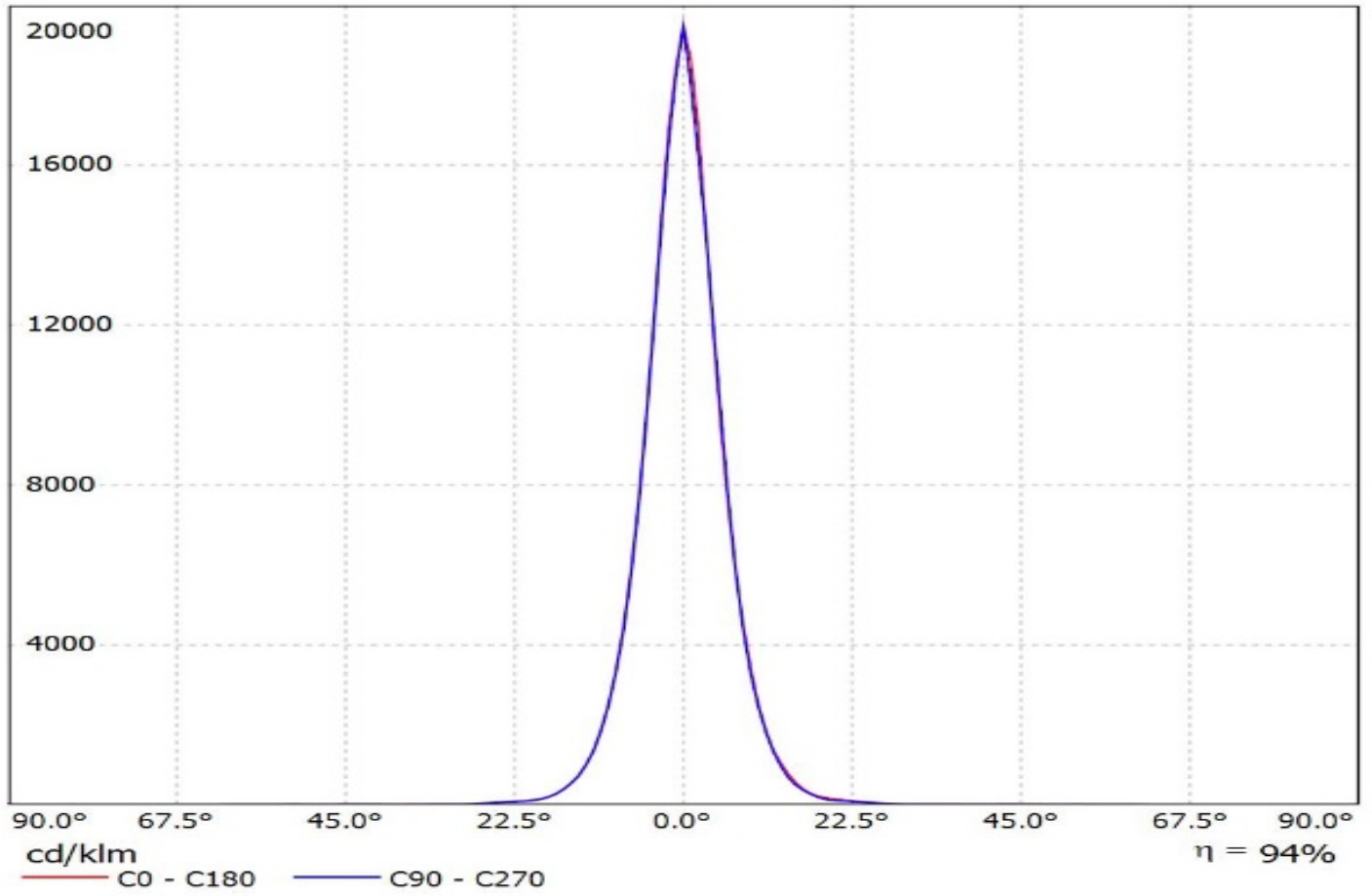
SCALE	2:1	WEIGHT	-	SHEET	1/1
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D

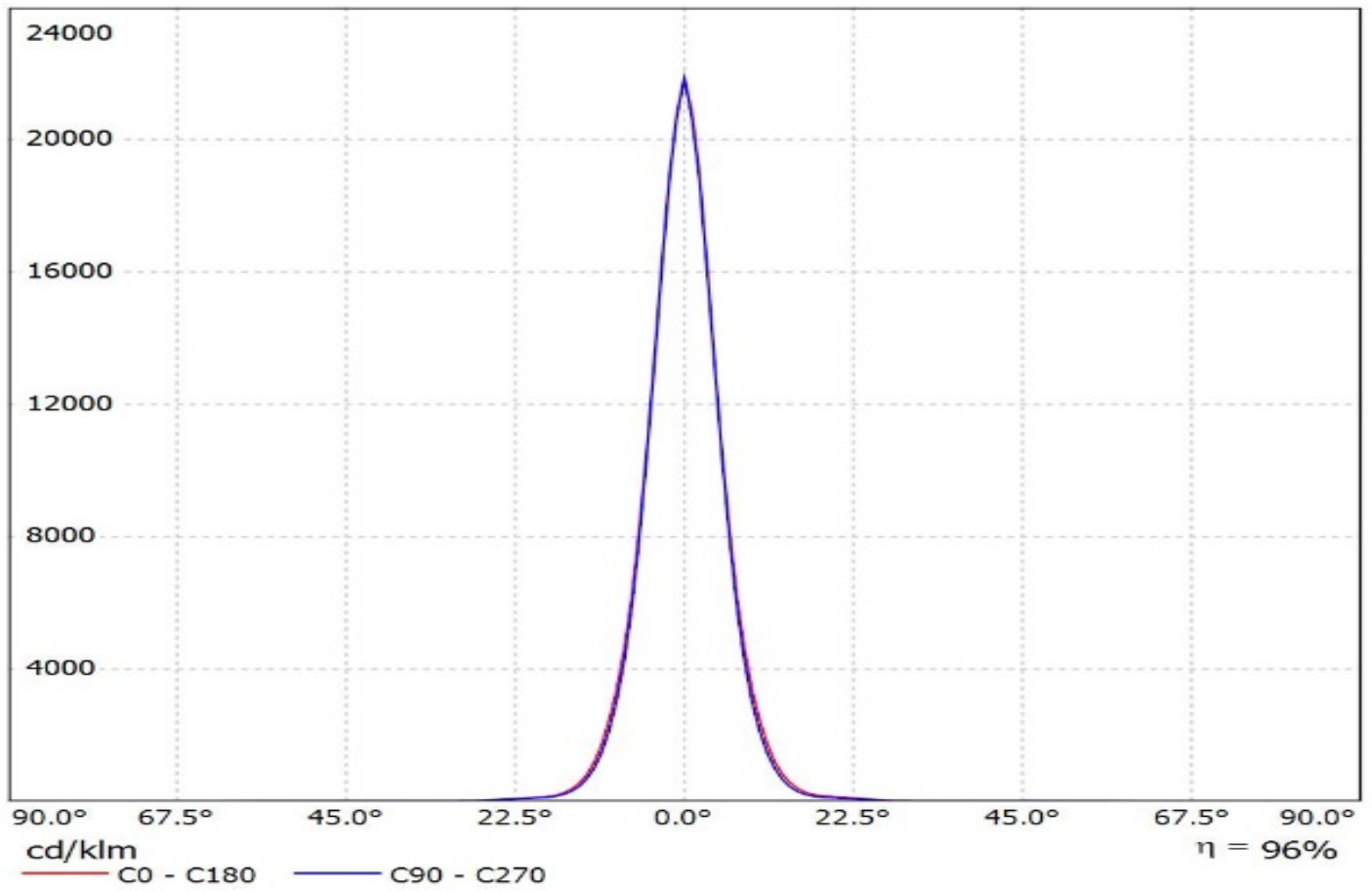
A

1

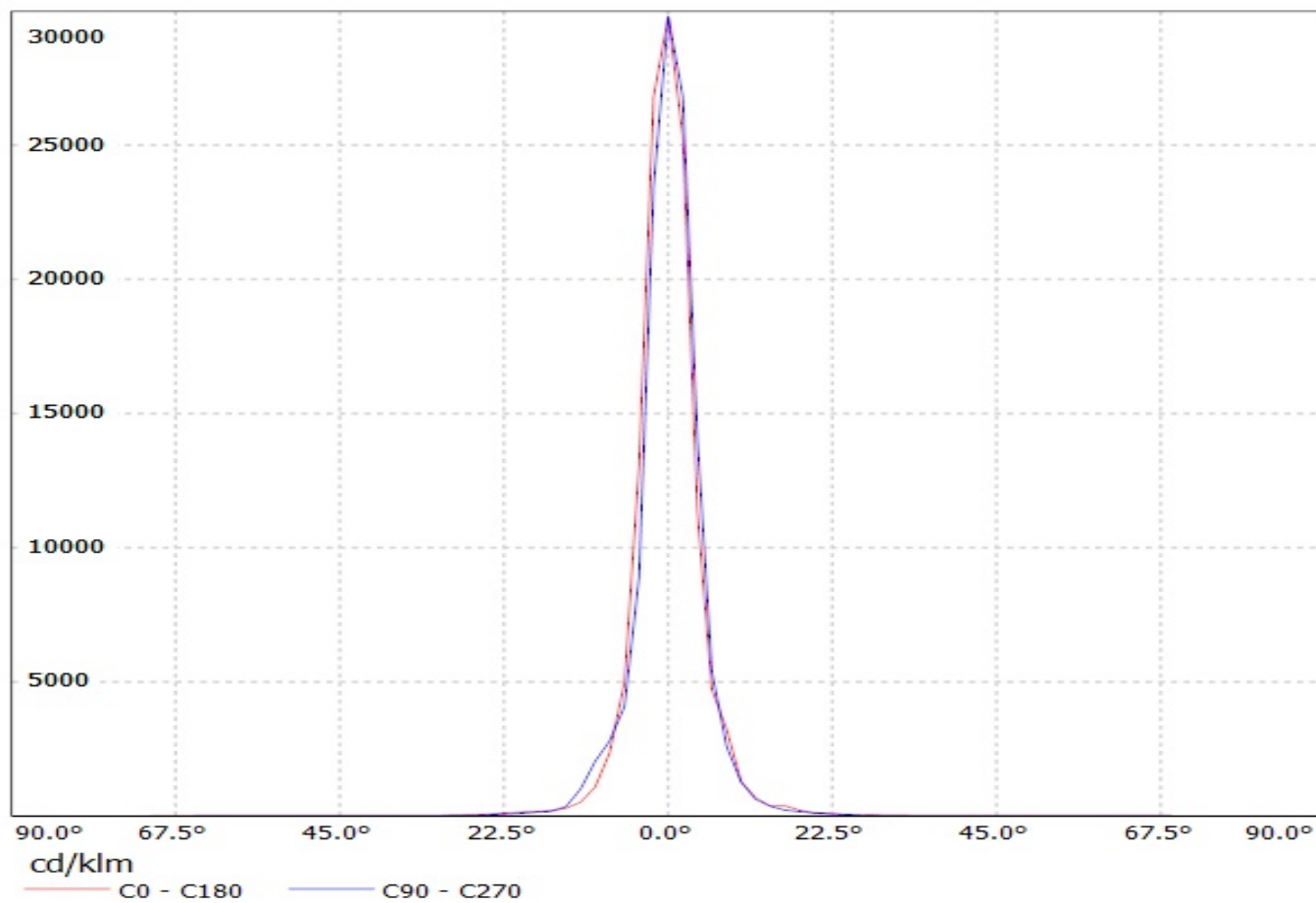
Luminaire: Ledil Oy CP12412\_LOS-RS\_(XT-E)\_SIMULATED  
Lamps: 1 x Cree XT-E



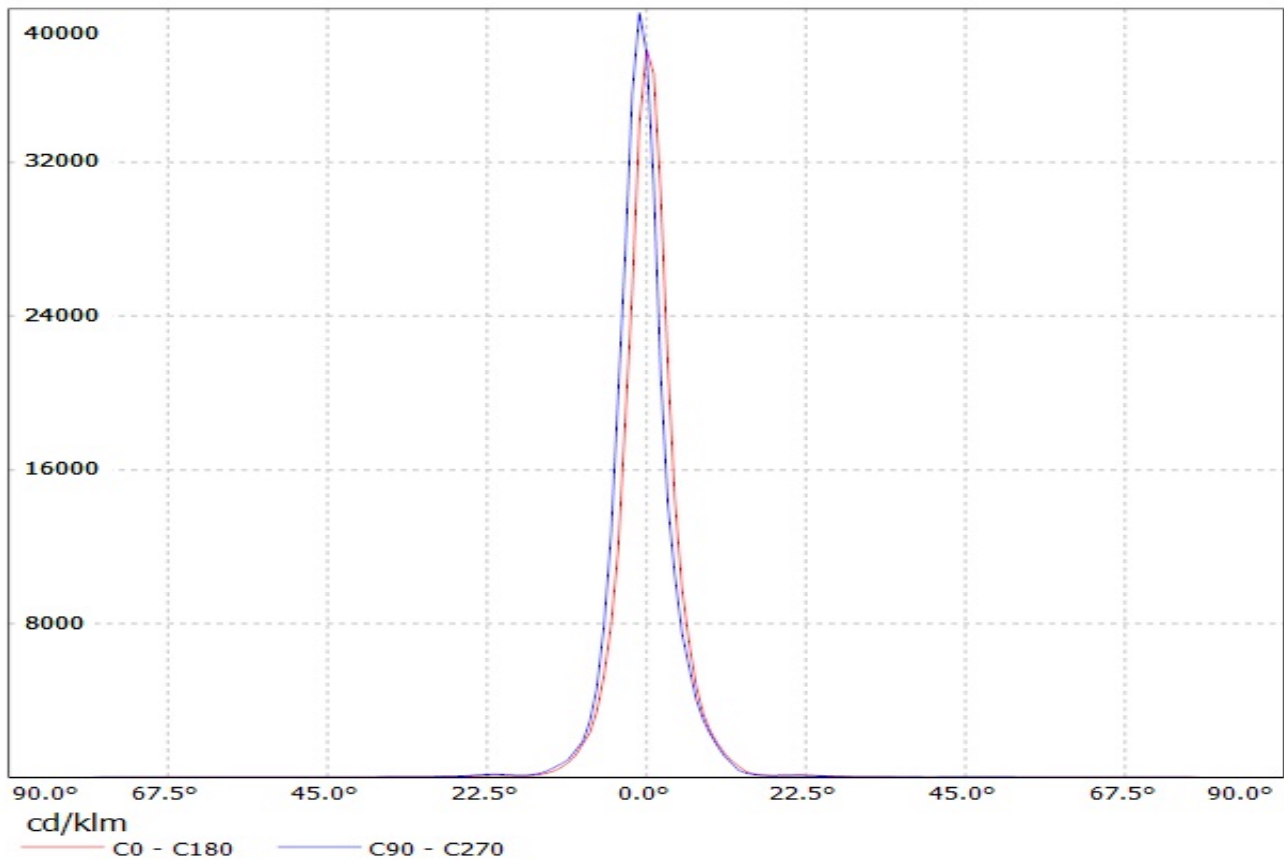
Luminaire: Ledil Oy CP12412\_LOS-RS\_(Osram\_Oslon\_Square\_EC)\_SIMULATED  
Lamps: 1 x Osram Oslon Square GW CSSRM1.EC



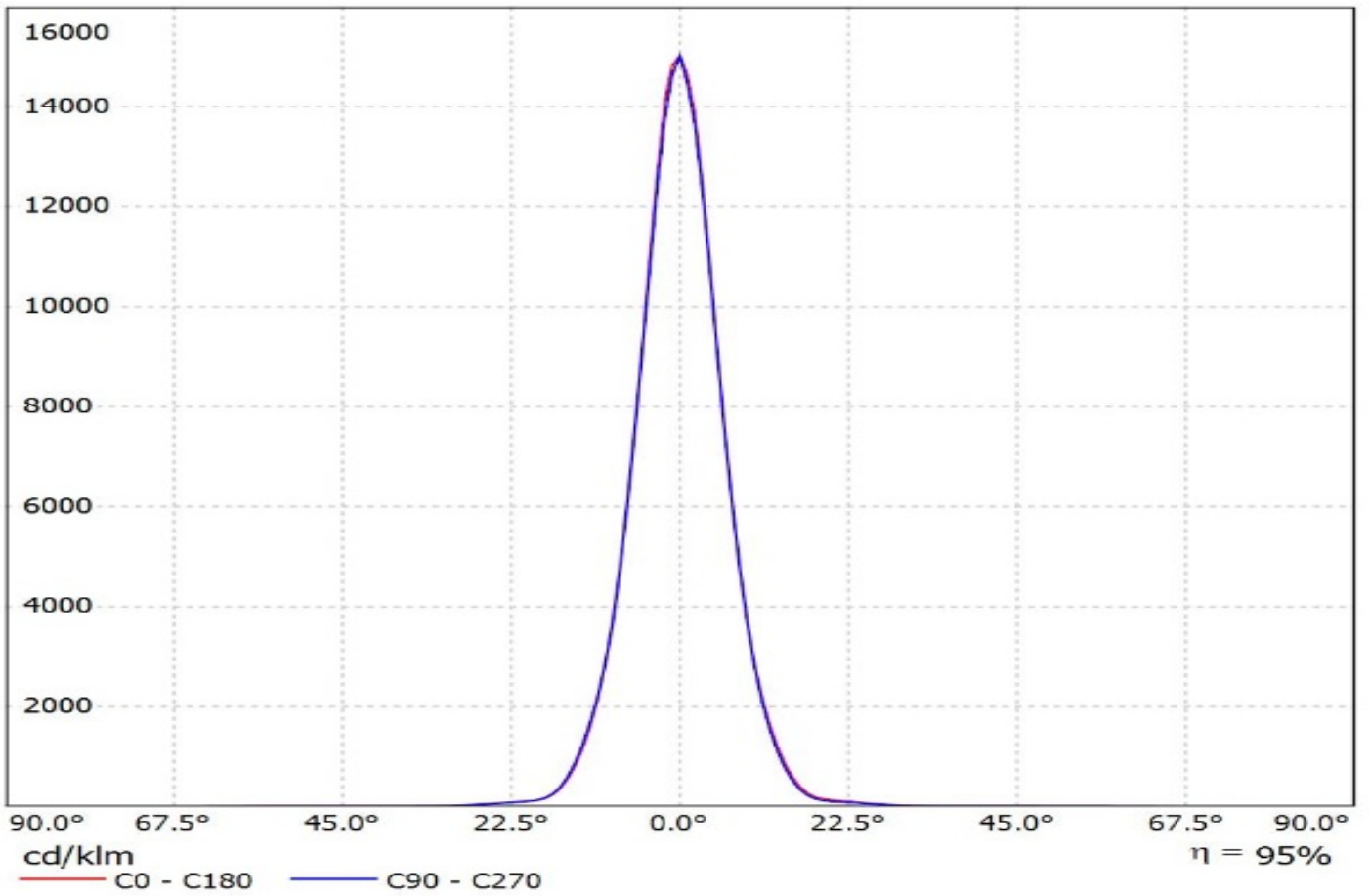
Luminaire: Ledil Oy CA12412-LOS-RS\_OSL80 LOR=93%  
Lamps: 1 x Osram OS180 250mA 85lm



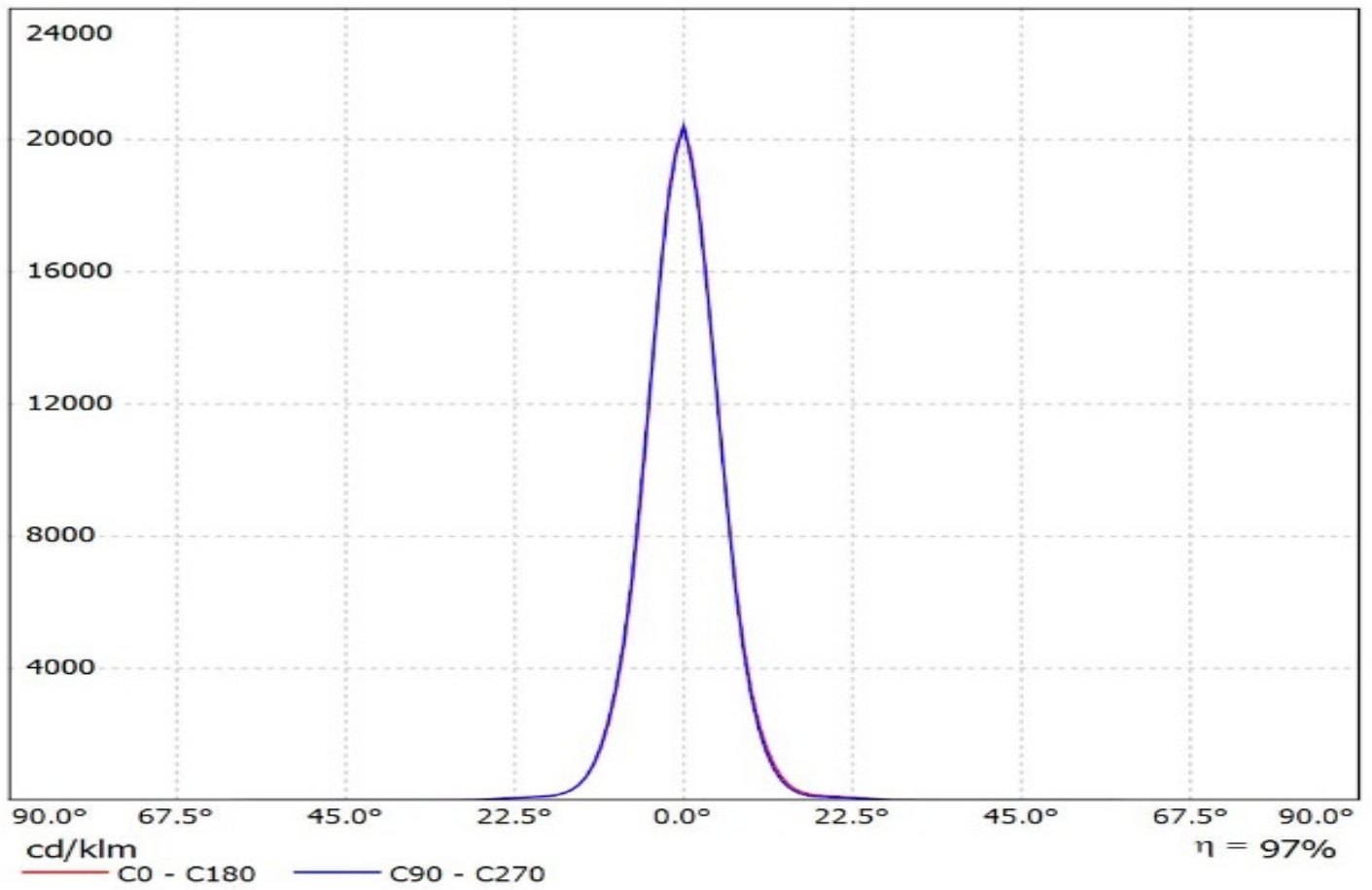
Luminaire: LEDIL OY CP12412\_LOS-RS (SSL150) Efficiency=93%  
Lamps: 1 x Osram Oslon SSL150 (95lm@250mA)



Luminaire: Ledil Oy CP12412\_LOS-RS\_(LH351B)\_SIMULATED  
Lamps: 1 x Samsung LH351B



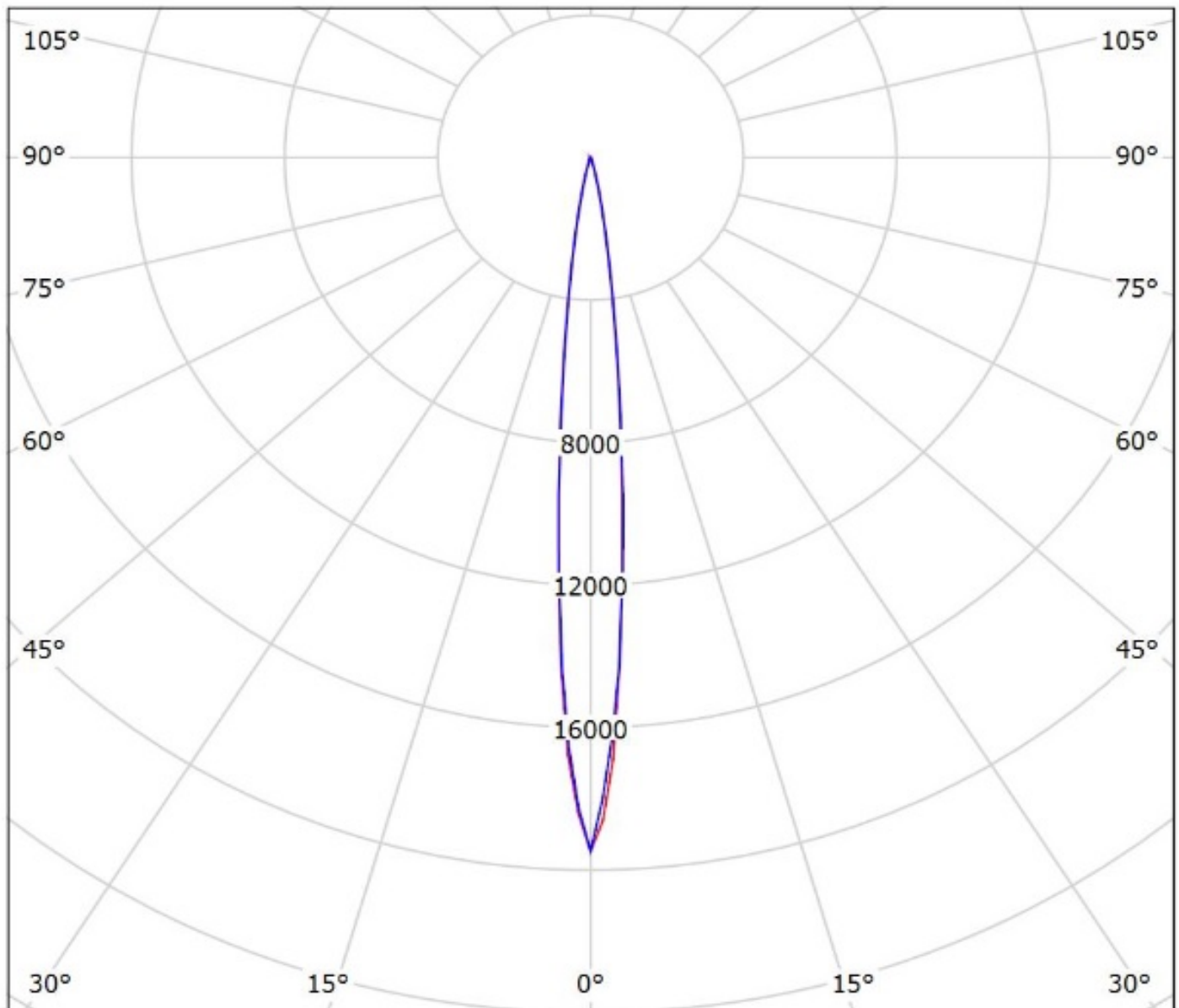
Luminaire: Ledil Oy CP12412\_LOS-RS\_(Z5M2)\_SIMULATED  
Lamps: 1 x Seoul Z5M2 - SZ5-M2-W0-00





Luminaire: Ledil Oy CP12412\_LOS-RS\_(XT-E)\_SIMULATED

Lamps: 1 x Cree XT-E

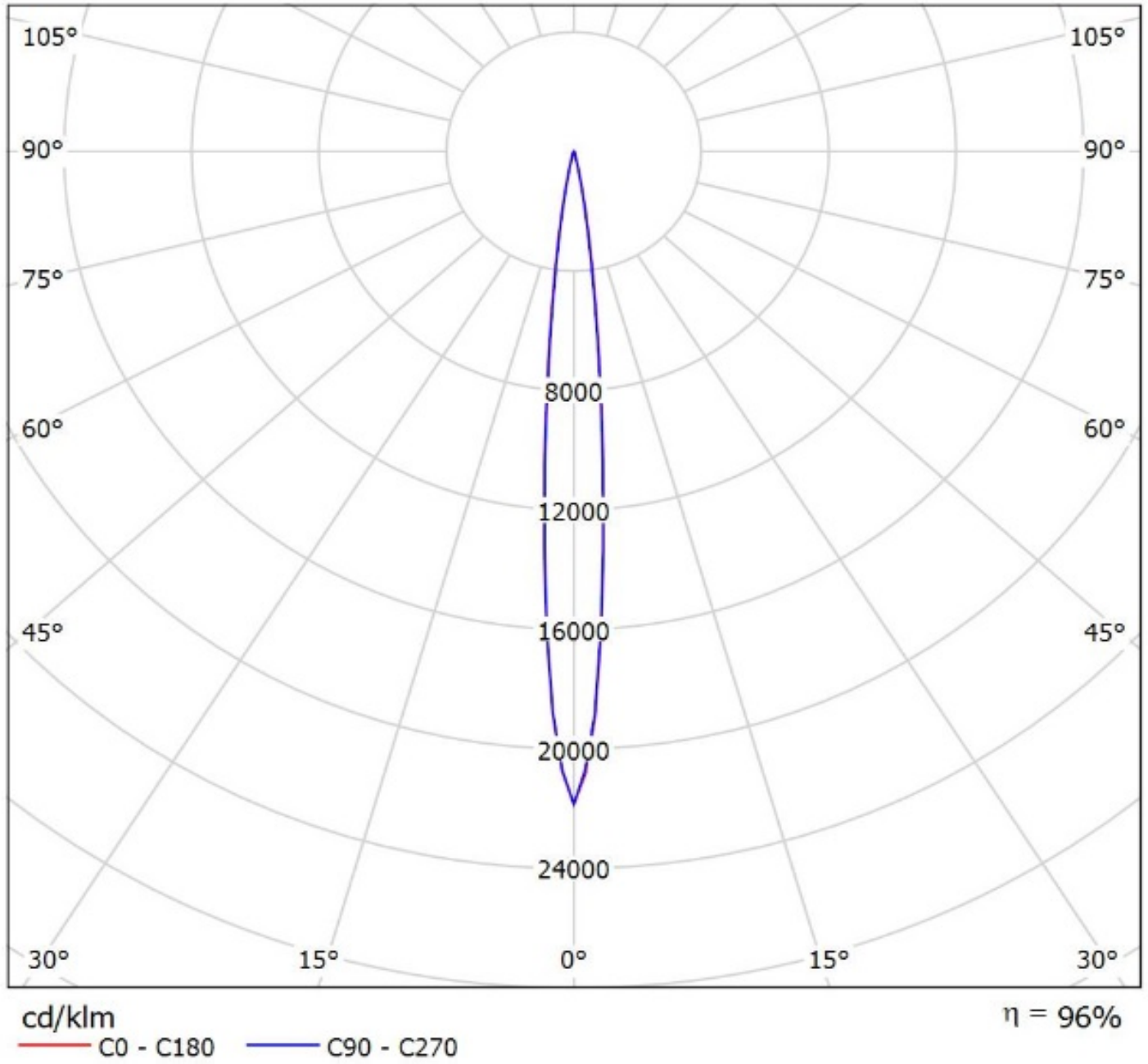


cd/klm

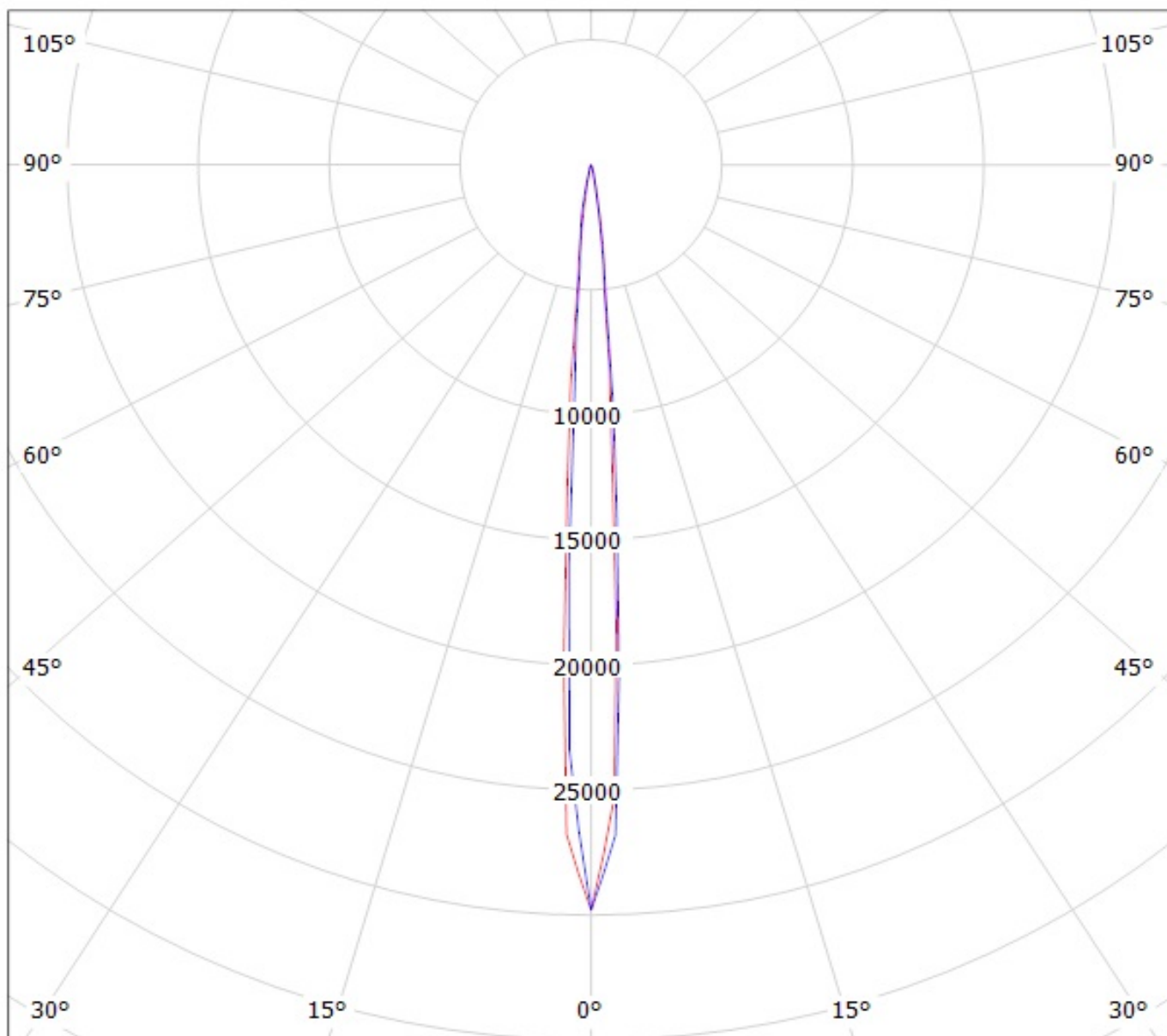
— C0 - C180 — C90 - C270

$\eta = 94\%$

Luminaire: Ledil Oy CP12412\_LOS-RS\_(Osram\_Oslon\_Square\_EC)\_SIMULATED  
Lamps: 1 x Osram Oslon Square GW CSSRM1.EC



Luminaire: Ledil Oy CA12412-LOS-RS\_OSL80 LOR=93%  
Lamps: 1 x Osram OSI80 250mA 85lm

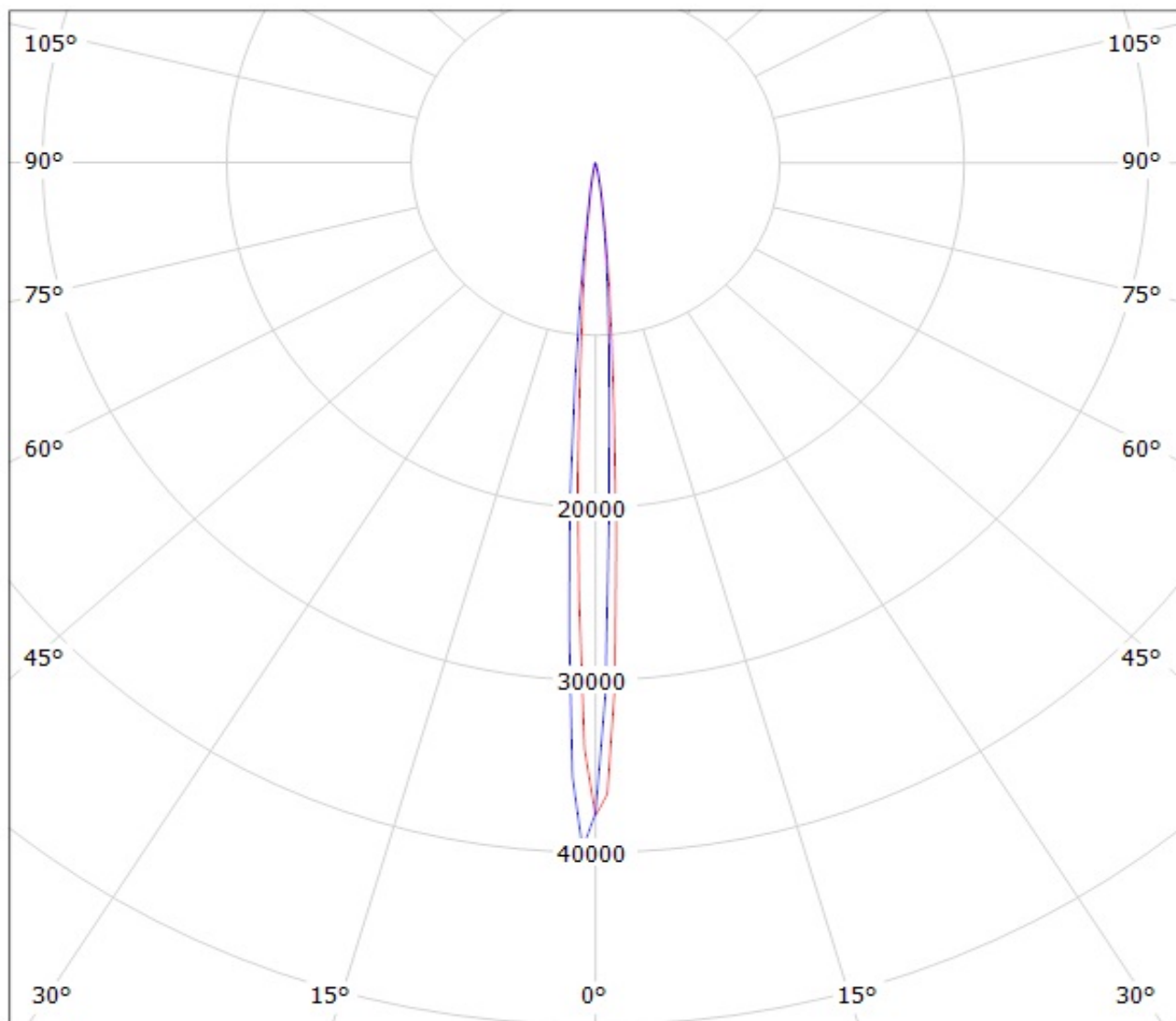


cd/klm

— C0 - C180

— C90 - C270

Luminaire: LEDIL OY CP12412\_LOS-RS (SSL150) Efficiency=93%  
Lamps: 1 x Osram Oslon SSL150 (95lm@250mA)

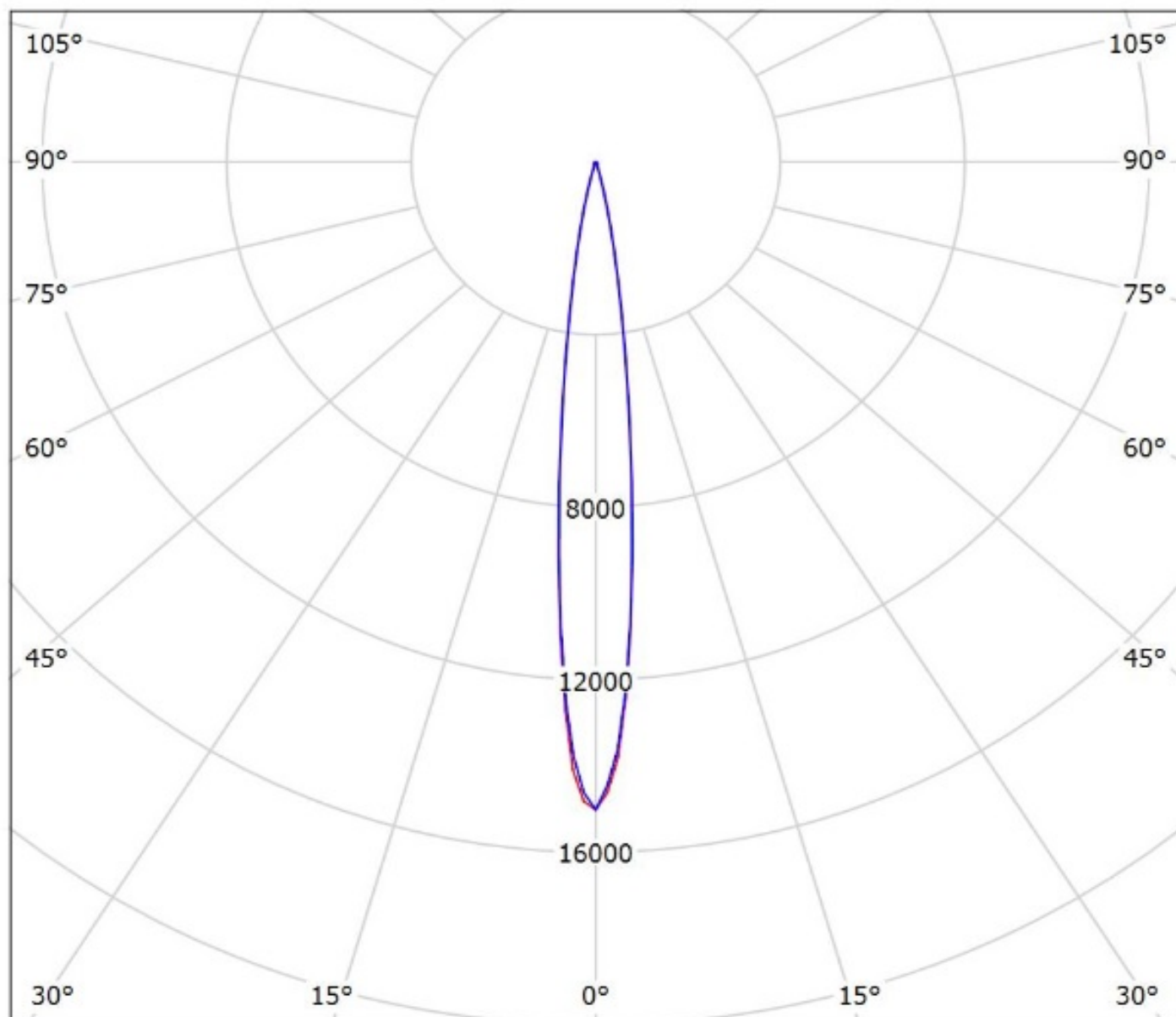


cd/klm

— C0 - C180

— C90 - C270

Luminaire: Ledil Oy CP12412\_LOS-RS\_(LH351B)\_SIMULATED  
Lamps: 1 x Samsung LH351B



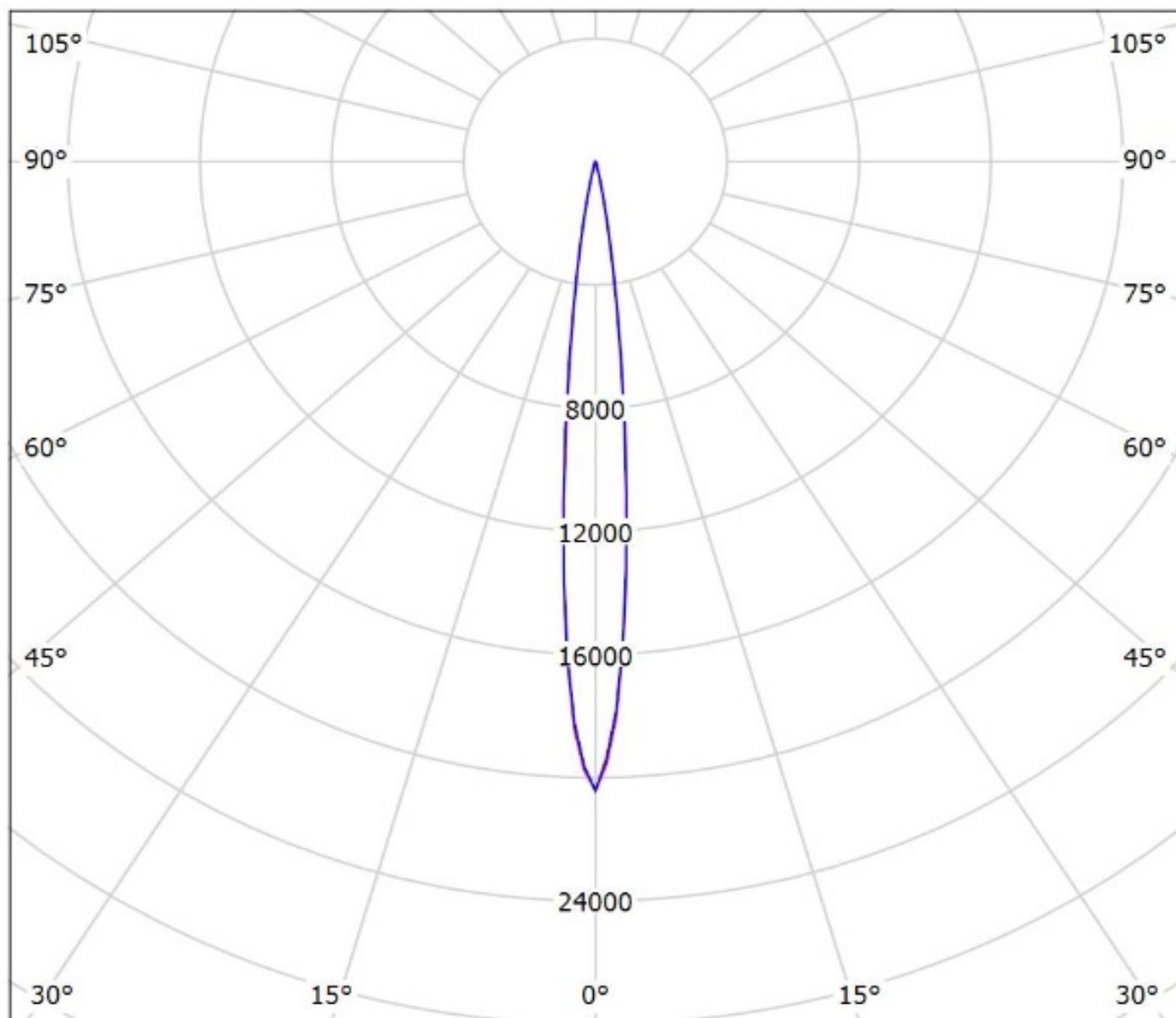
cd/klm

— C0 - C180 — C90 - C270

$\eta = 95\%$

Luminaire: Ledil Oy CP12412\_LOS-RS\_(Z5M2)\_SIMULATED

Lamps: 1 x Seoul Z5M2 - SZ5-M2-W0-00



cd/klm

— C0 - C180 — C90 - C270

$\eta = 97\%$

**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.**