

DETAILS

Product Number	CP12415_LOS-O-90
Family	Leila
Type	Assembly
Color	white
Diameter	21,6 mm
Height	14,3 mm
Style	round
Optic Material	PMMA
Holder Material	
Fastening	pin, glue
Status	production ready
ROHS Compliant	Yes
Date Updated	11/08/2015



OPTICAL PROPERTIES

LED	Viewing	Light	Effi-		Connector
	Angle	Beam	ciency	cd/lm	
NF2x757A	14+39 deg	O-90	94 %	4.700	-
NF2x757G	sim: 13+40	O-90	sim: 91 %	sim: 4.500	-
Oslo Square EC	sim: 11+41	O-90	sim: 94 %	sim: 5.400	-
Oslo SSL 80	sim: 11+38	O-90	92 %	sim: 4.900	-
Oslo SSL 150	sim: 9+42	O-90	93 %	sim: 6.000	-
Duris S5 (2 chip)	14+42 deg	O-90	91 %	4.500	-

D

C

B

A

4

4

6.2

LED position

Ø 2

Bottom view

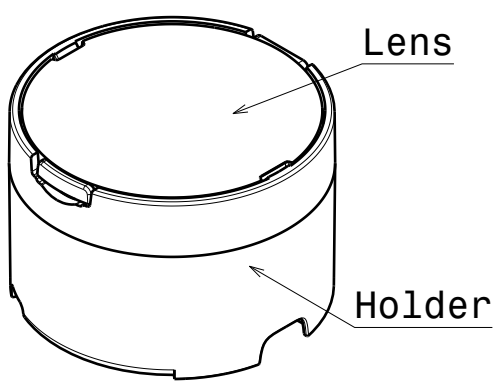
4.4

8.6

C / C

3

3



1.3

15.6

Front view

2

2

Ø 21.56

Top view

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
LOS-series assembly

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SIZE	PART NUMBER
A4	-

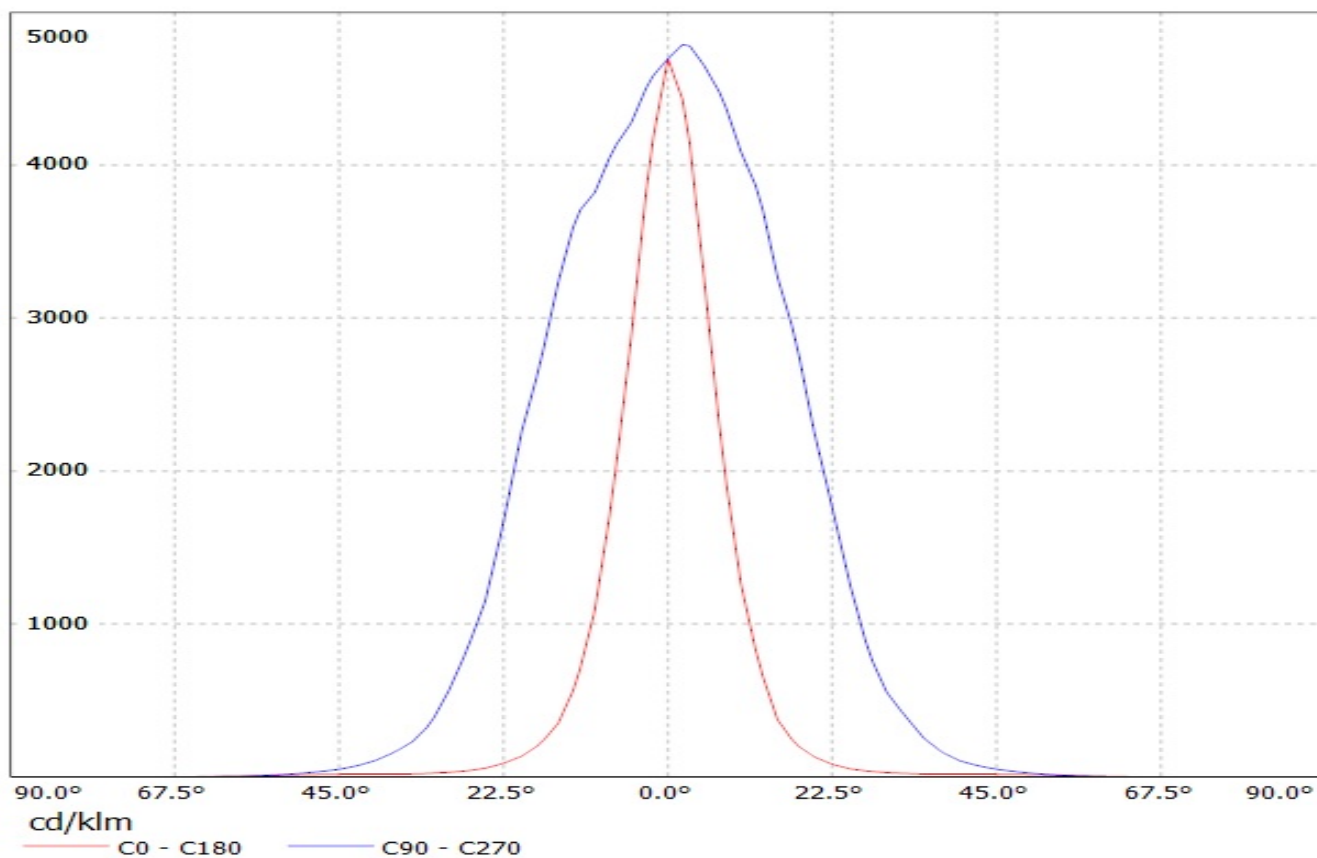
SCALE	2:1	WEIGHT	-	SHEET	1/1
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D

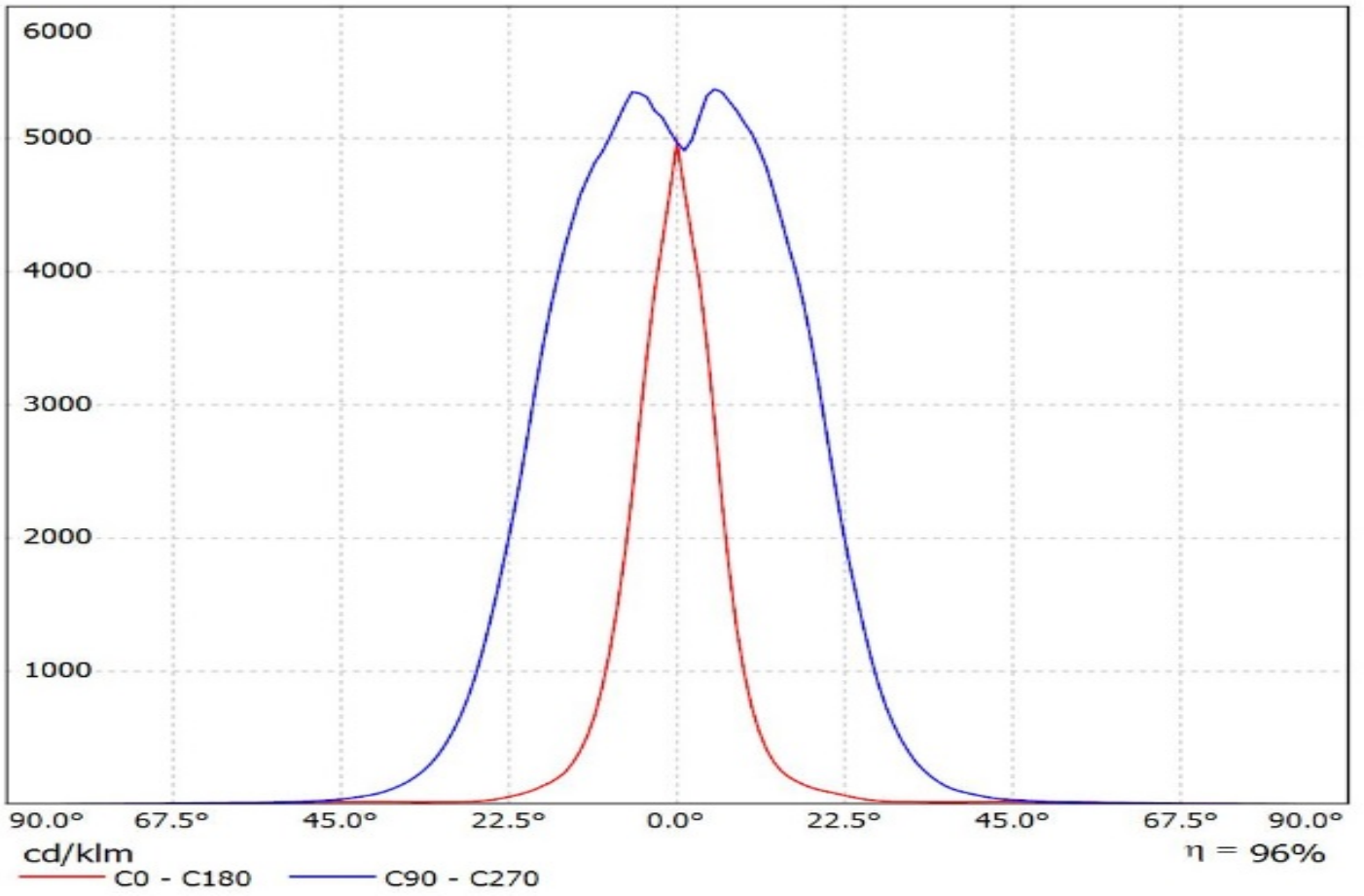
A

1

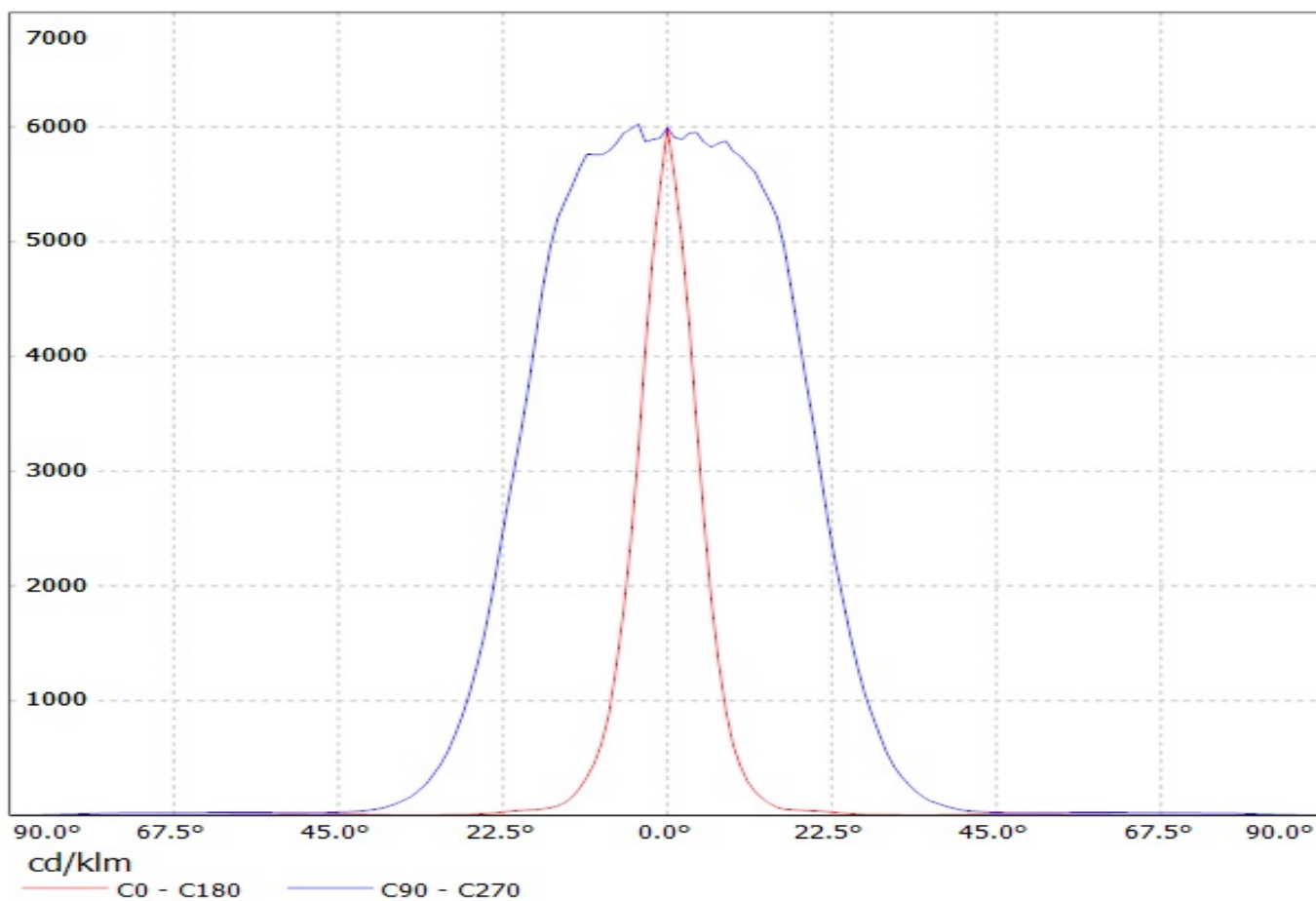
Luminaire: Ledil Oy CP12415_LOS-O-90_(NF2x757A) Efficiency=94%
Lamps: 1 x Nichia NF2x757A (VF2W757ART) 67lm @ 100mA CCT=4900K P=0.6W I=100mA



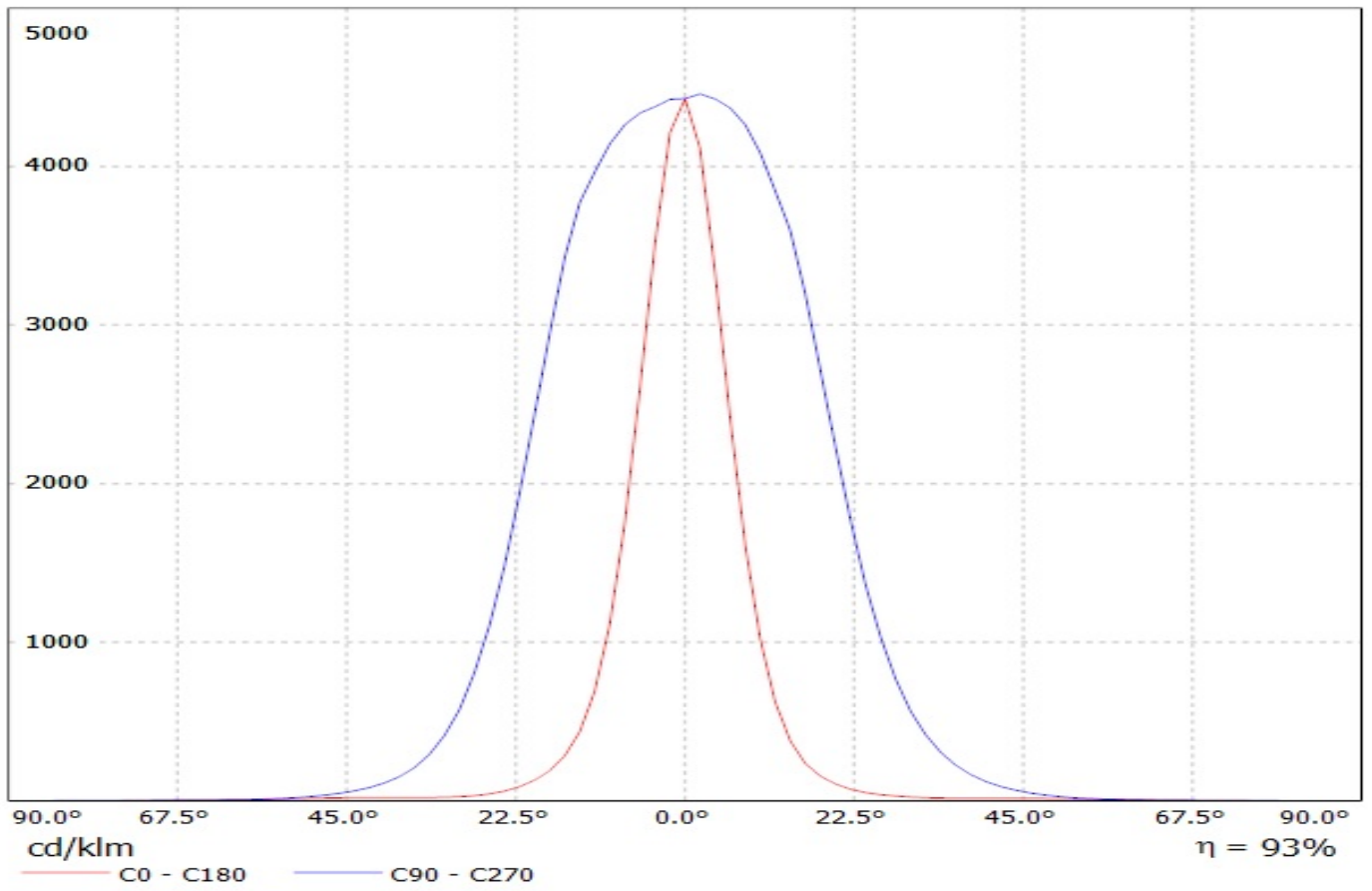
Luminaire: Ledil Oy CP12415_LOS-O-90_OSL_SQAR_EC_SIMULATED
Lamps: 1 x OSLO SQAR EC



Luminaire: Ledil Oy CP12415_LOS-O-90-OSL150_SIMULATED
Lamps: 1 x Osram OSL150 100lm

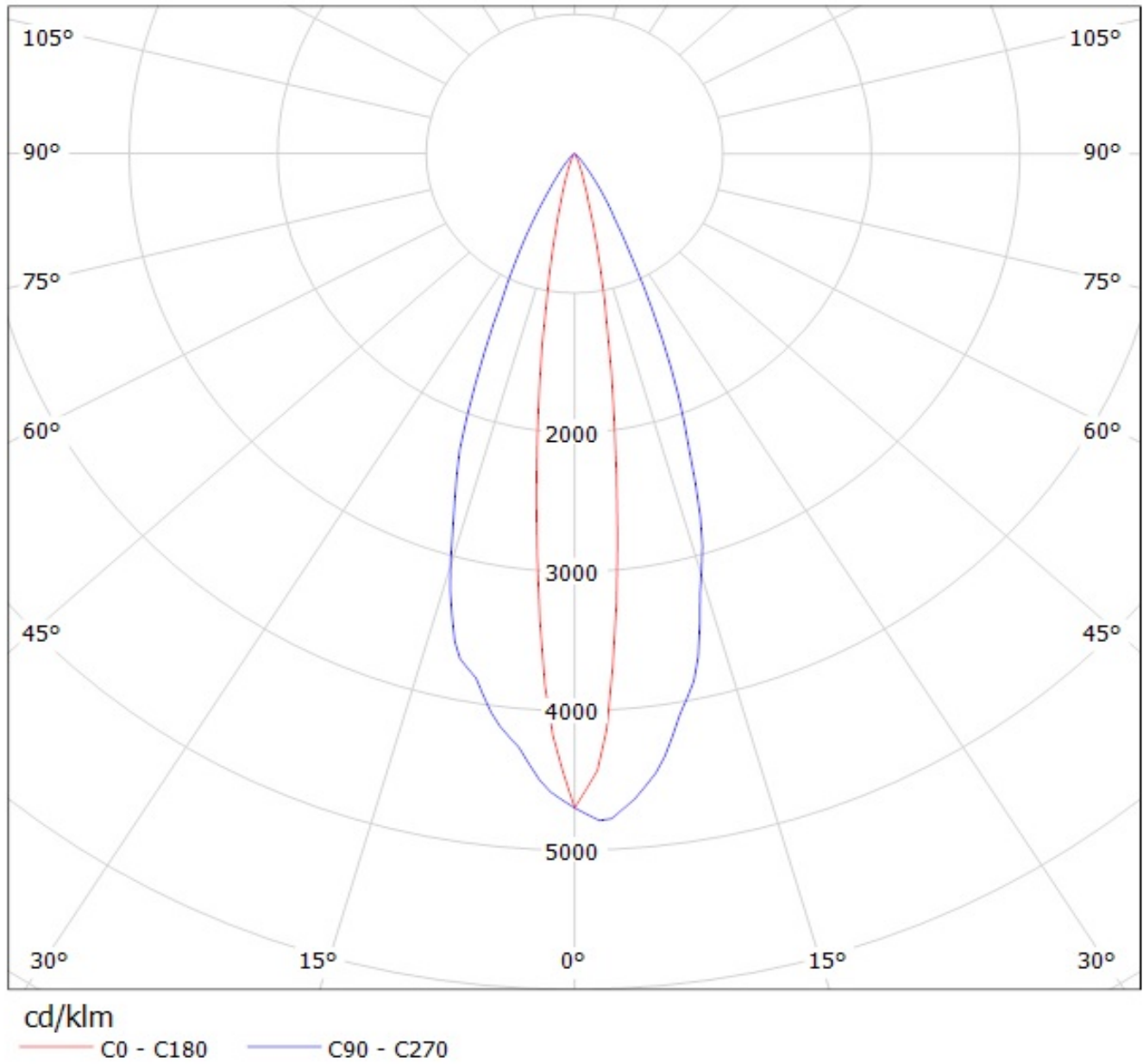


Luminaire: LEDil Oy CP12415_LOS-O-90_(DURIS_S5) Efficiency=91%
Lamps: 1 x Osram Duris S5 (GW PSLPS1.EC) 102lm @ 150mA CCT=6300K P=1.0W I=150mA

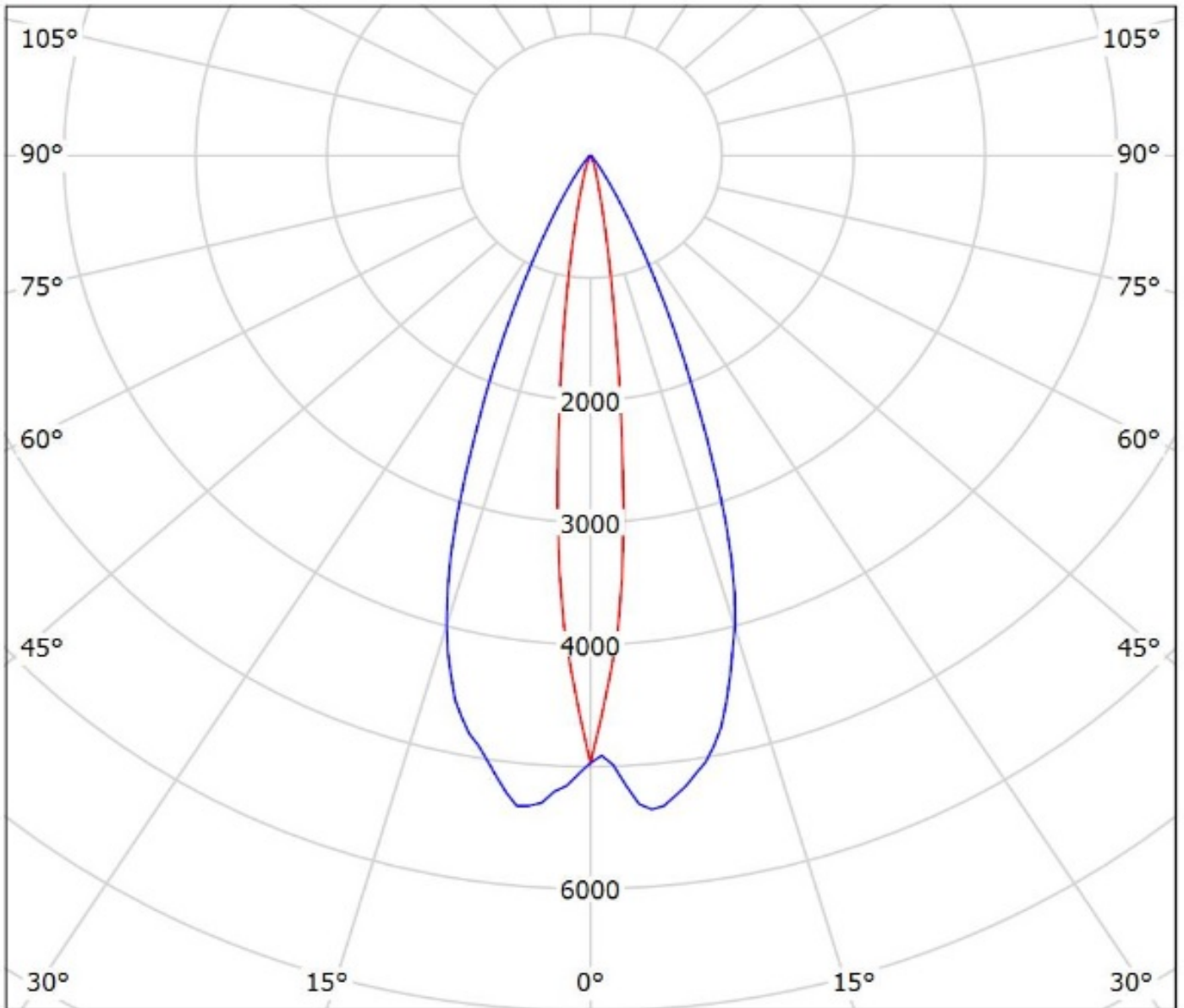


Luminaire: Ledil Oy CP12415_LOS-O-90_(NF2x757A) Efficiency=94%

Lamps: 1 x Nichia NF2x757A (VF2W757ART) 67lm @ 100mA CCT=4900K P=0.6W I=100mA



Luminaire: Ledil Oy CP12415_LOS-O-90_OSL_SQAR_EC_SIMULATED
Lamps: 1 x OSLO SQAR EC

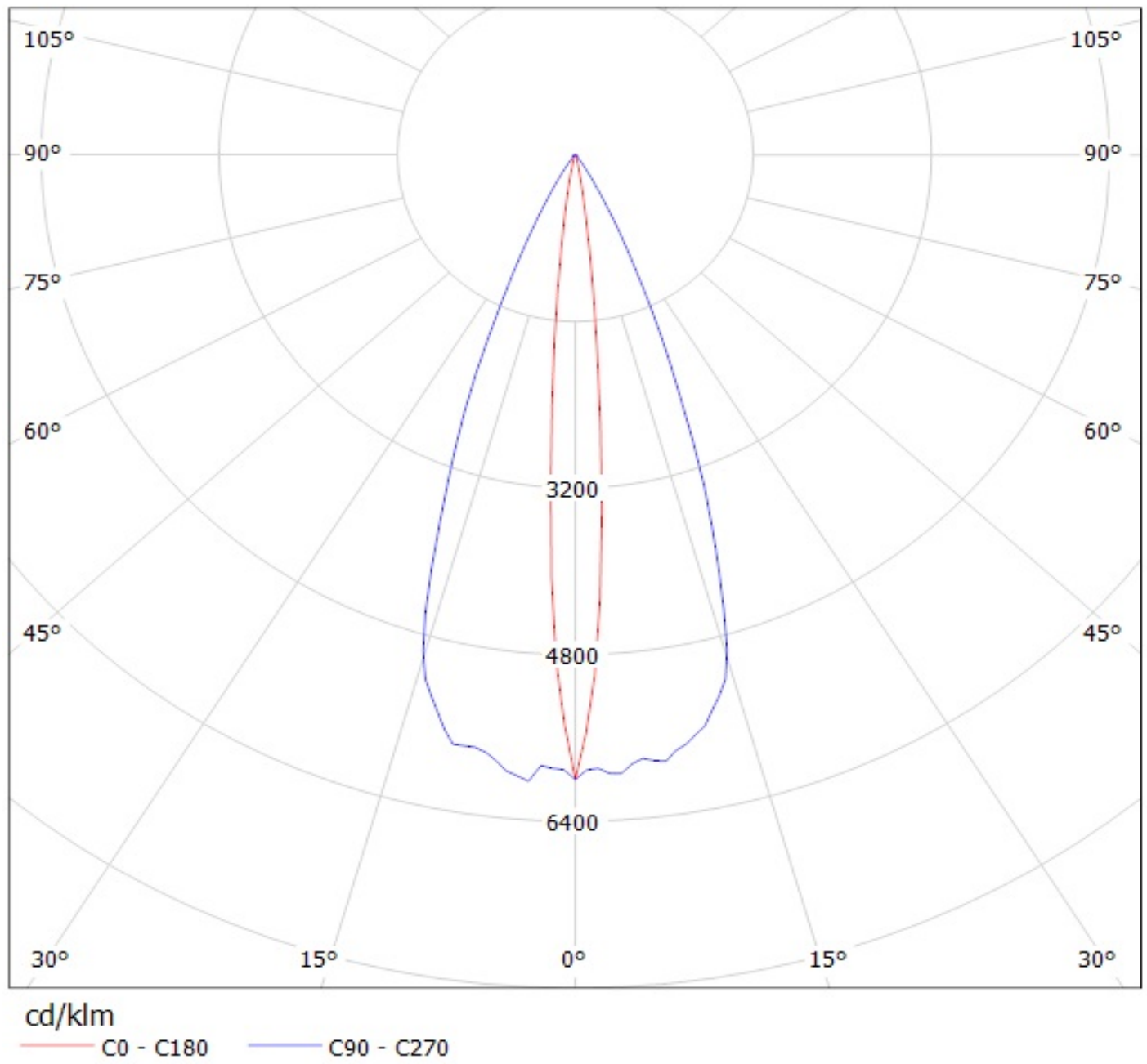


cd/klm

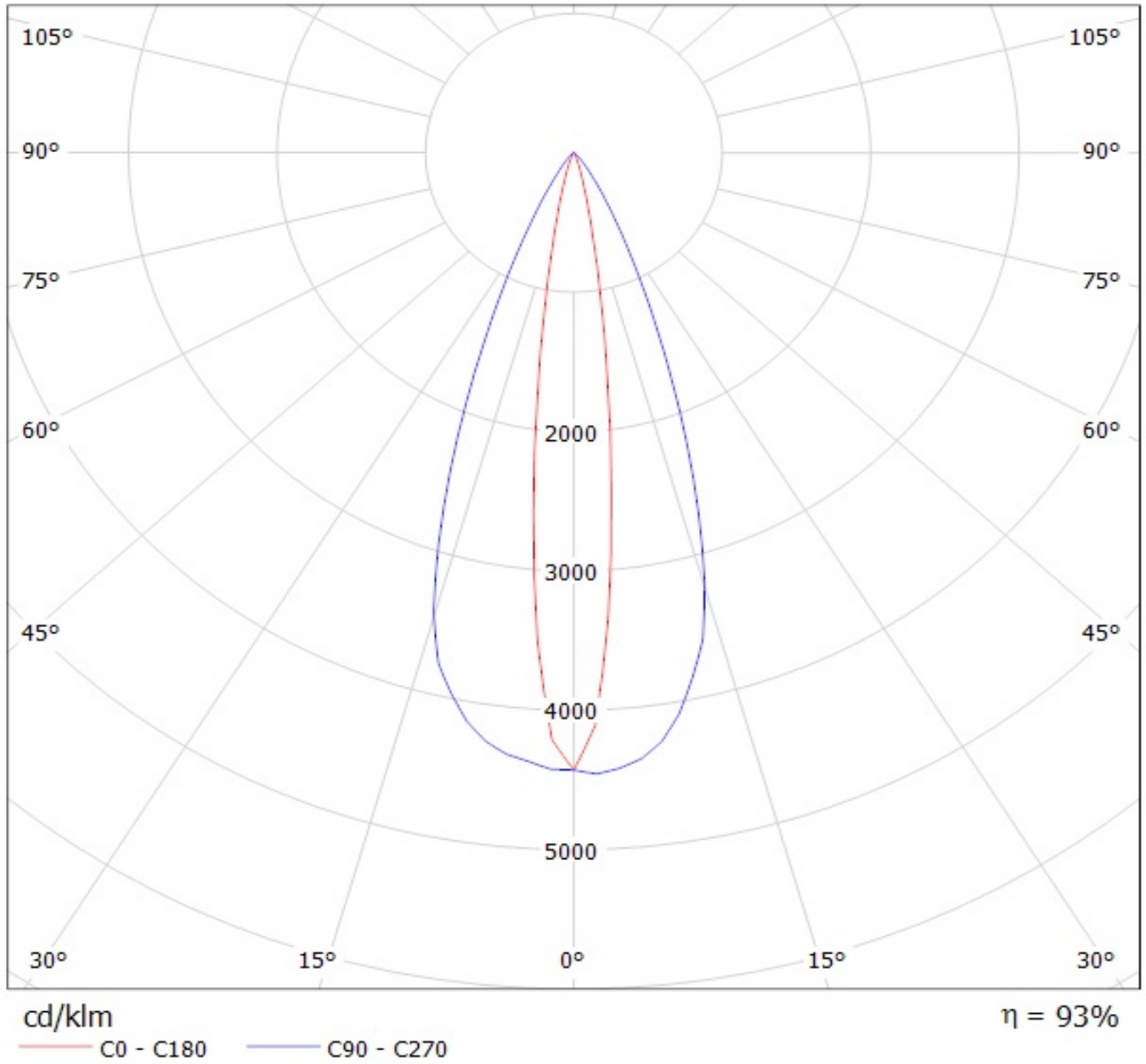
— C0 - C180 — C90 - C270

$\eta = 96\%$

Luminaire: Ledil Oy CP12415_LOS-O-90-OSL150_SIMULATED
Lamps: 1 x Osram OSL150 100lm



Luminaire: LEDil Oy CP12415_LOS-O-90_(DURIS_S5) Efficiency=91%
Lamps: 1 x Osram Duris S5 (GW PSLPS1.EC) 102lm @ 150mA CCT=6300K P=1.0W I=150mA



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.