

DETAILS

Product Number	CA12429_TINA3-OO
Family	Tina
Type	Assembly
Color	white
Diameter	16,1 mm
Height	6,9 mm
Style	round
Optic Material	PMMA
Holder Material	
Fastening	tape, pin
Status	production ready
ROHS Compliant	Yes
Date Updated	11/11/2016



OPTICAL PROPERTIES

LED	Viewing	Light	Effi-		Connector
	Angle	Beam	ciency	cd/lm	
XP-G	51+35 deg	OO-class	90 %	1.400	-
LUXEON A	57+29 deg	OO-class	90 %	1.200	-
LUXEON T	58+40 deg	OO-class	88 %	1.200	-
LUXEON H50-2	sim: 37+57	OO-class	sim: 87 %	sim: 1.300	-
LUXEON TX	59+42 deg	OO-class	88 %	1.200	-
NVSxx19A	61+45 deg	OO-class	87 %	1.000	-
NVSxx19B/NVSxx19C	43 deg	OO-class	86 %	1.100	-
Oslon Square EC	55+39 deg	OO-class	88 %	1.100	-
LH351Z	47+62 deg	OO-class	88 %	1.100	-

D

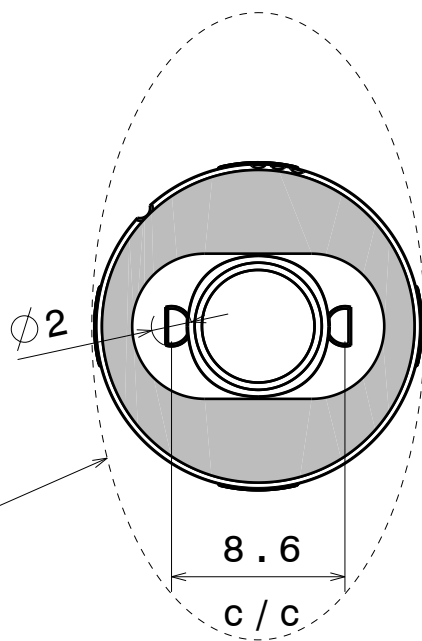
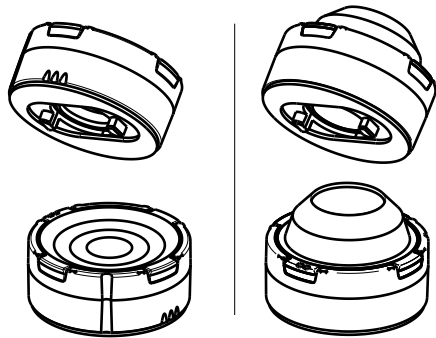
C

B

A

4

4



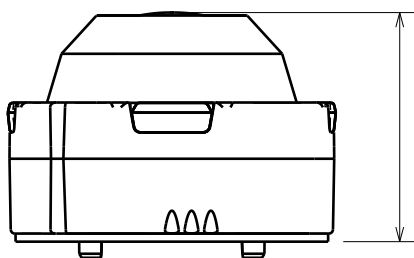
Oval beam direction

8.6

c / c

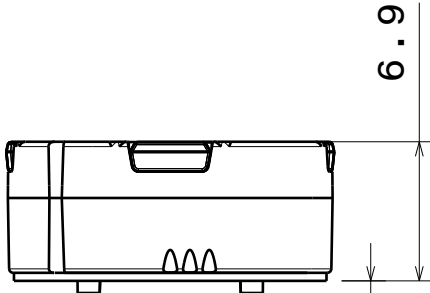
3

3



11.4

Spot version height

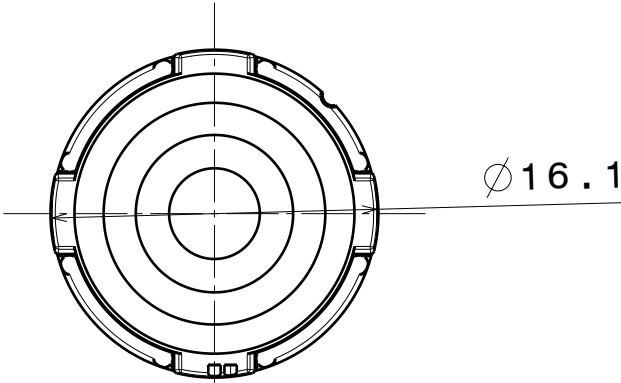


6.9

0.8

2

2



16.1

Top view

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
TINA3 Datasheet

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SIZE	PART NUMBER		
A4	-		

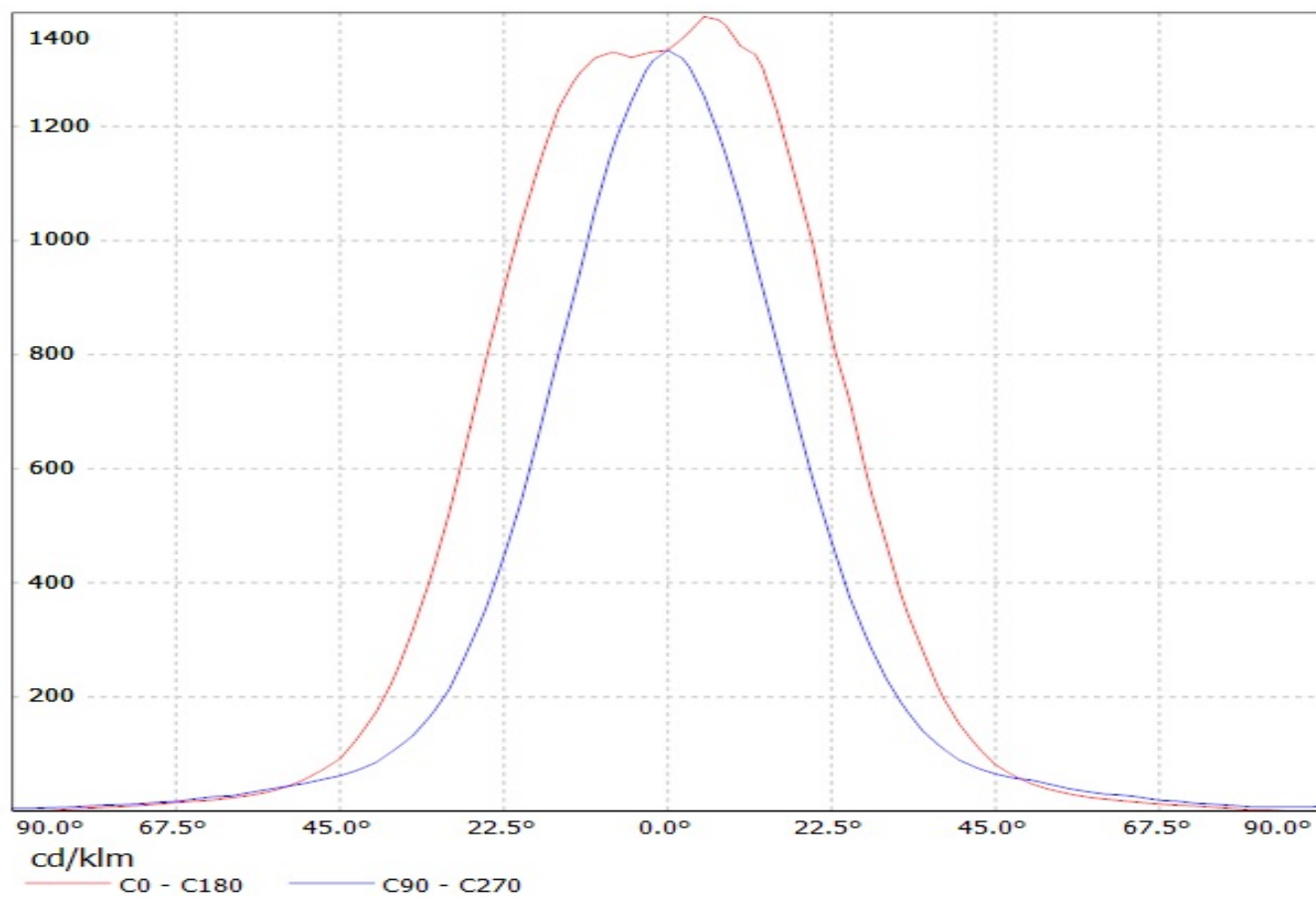
SCALE	4:3	WEIGHT	-	SHEET	1/1
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D

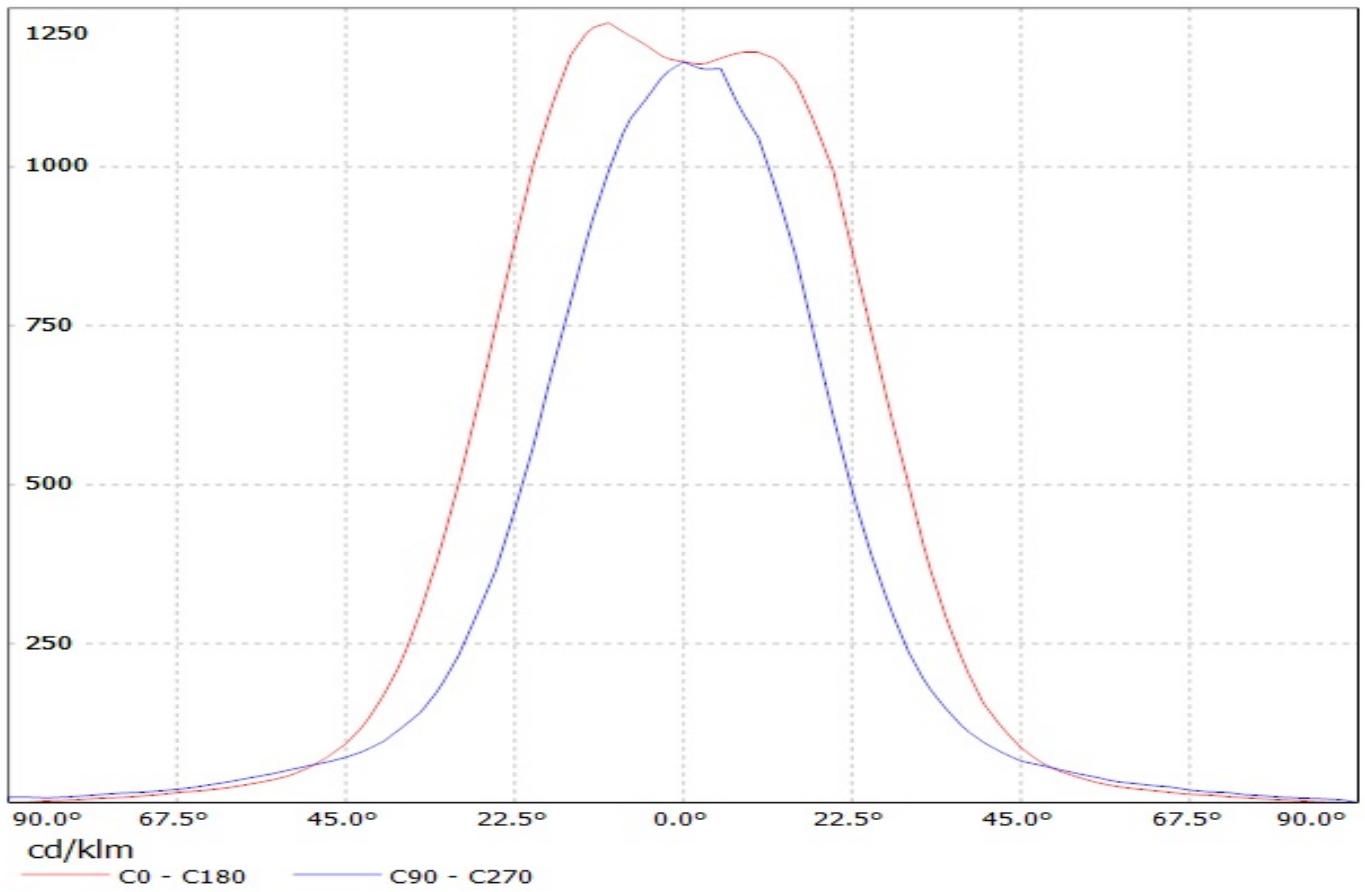
A

1

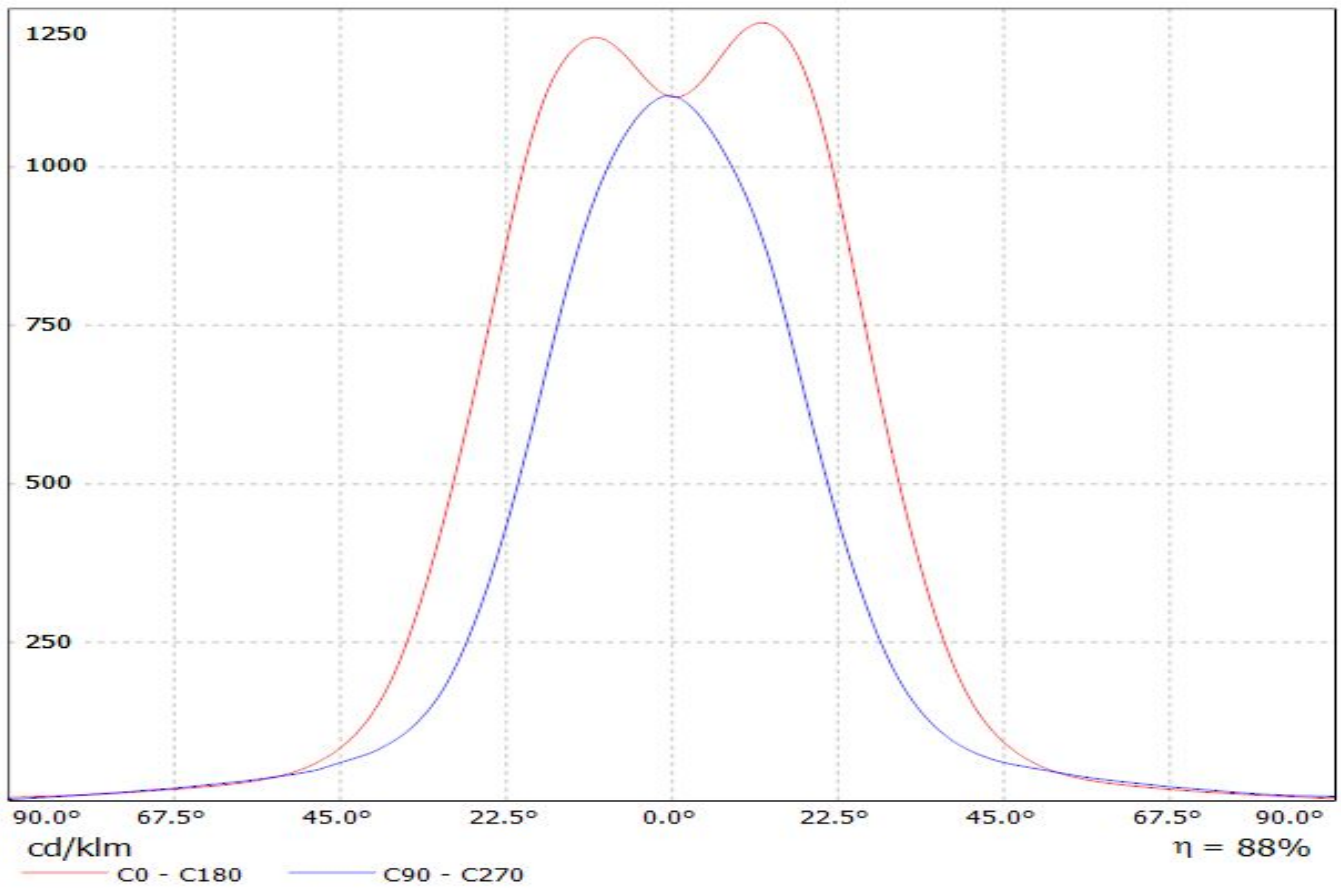
Luminaire: Ledil Oy CA12429_TINA3-00 (Cree XP-G 68lm @ 250mA) Efficiency=90%
Lamps: 1 x Cree XP-G 68lm @ 250mA



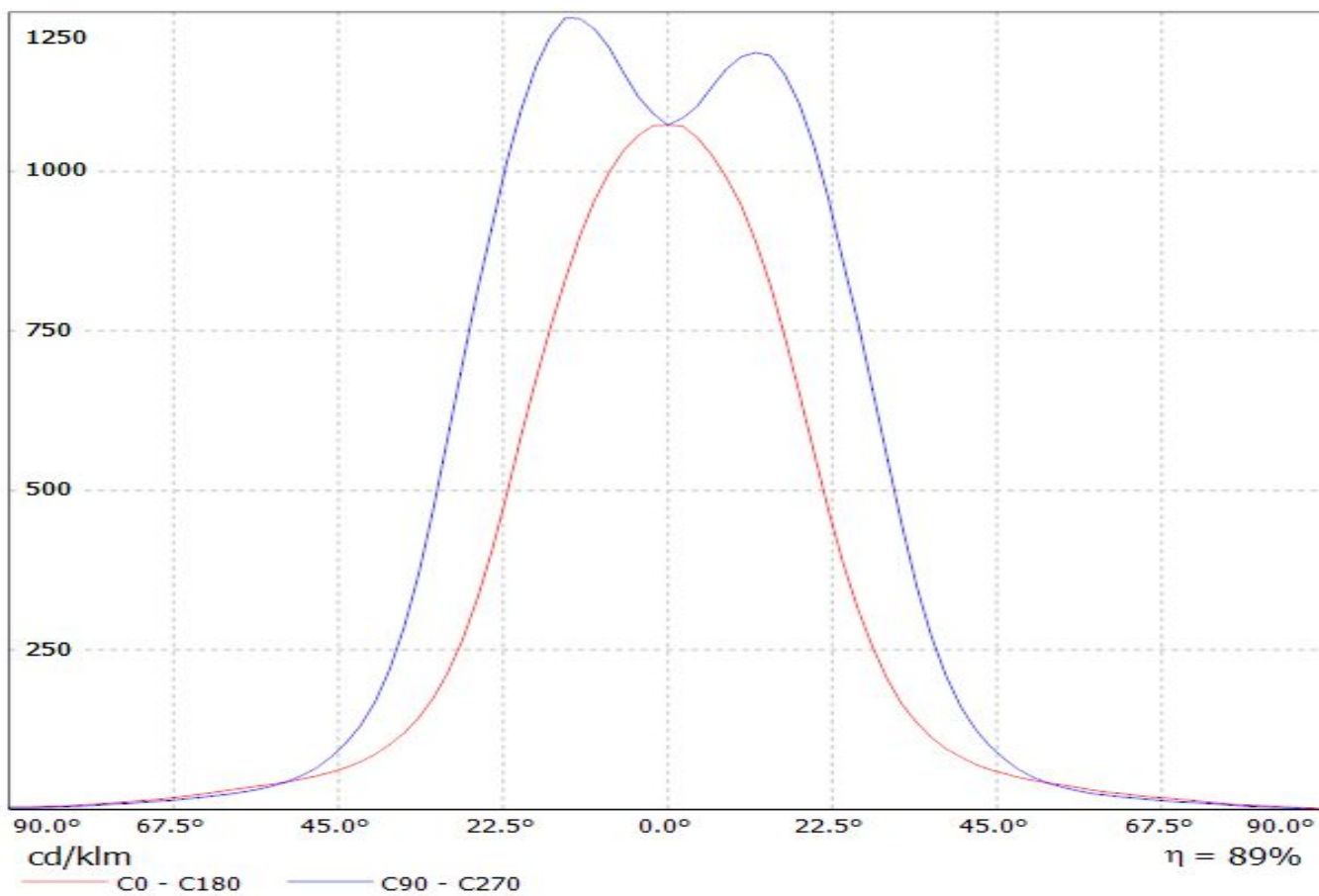
Luminaire: Ledil Oy CA12429_TINA3-00 (Luxeon A 64lm @ 250mA) Efficiency=90%
Lamps: 1 x Luxeon A 64lm @ 250mA



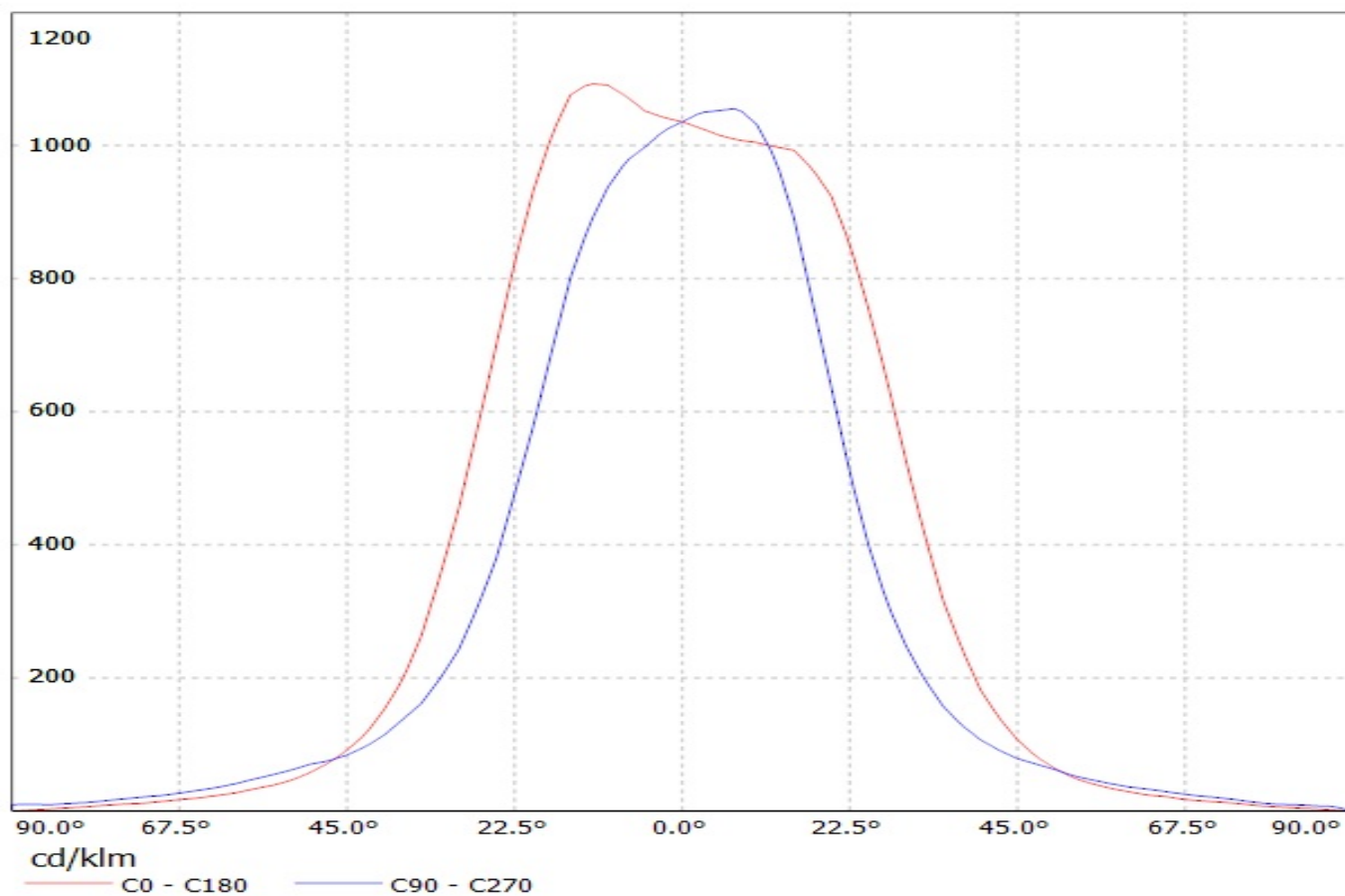
Luminaire: LEDiL Oy CA12429_TINA3-00_(LUXEON_T) Eff.88.0%
Lamps: 1 x LUXEON T (74lm@250mA)



Luminaire: Ledil Oy CA12429_TINA3-OO_(Luxeon_TX) Efficiency=88%
Lamps: 1 x Luxeon TX (L1T2-3585) 82lm @ 250mA CCT= P=0.73W I=250mA

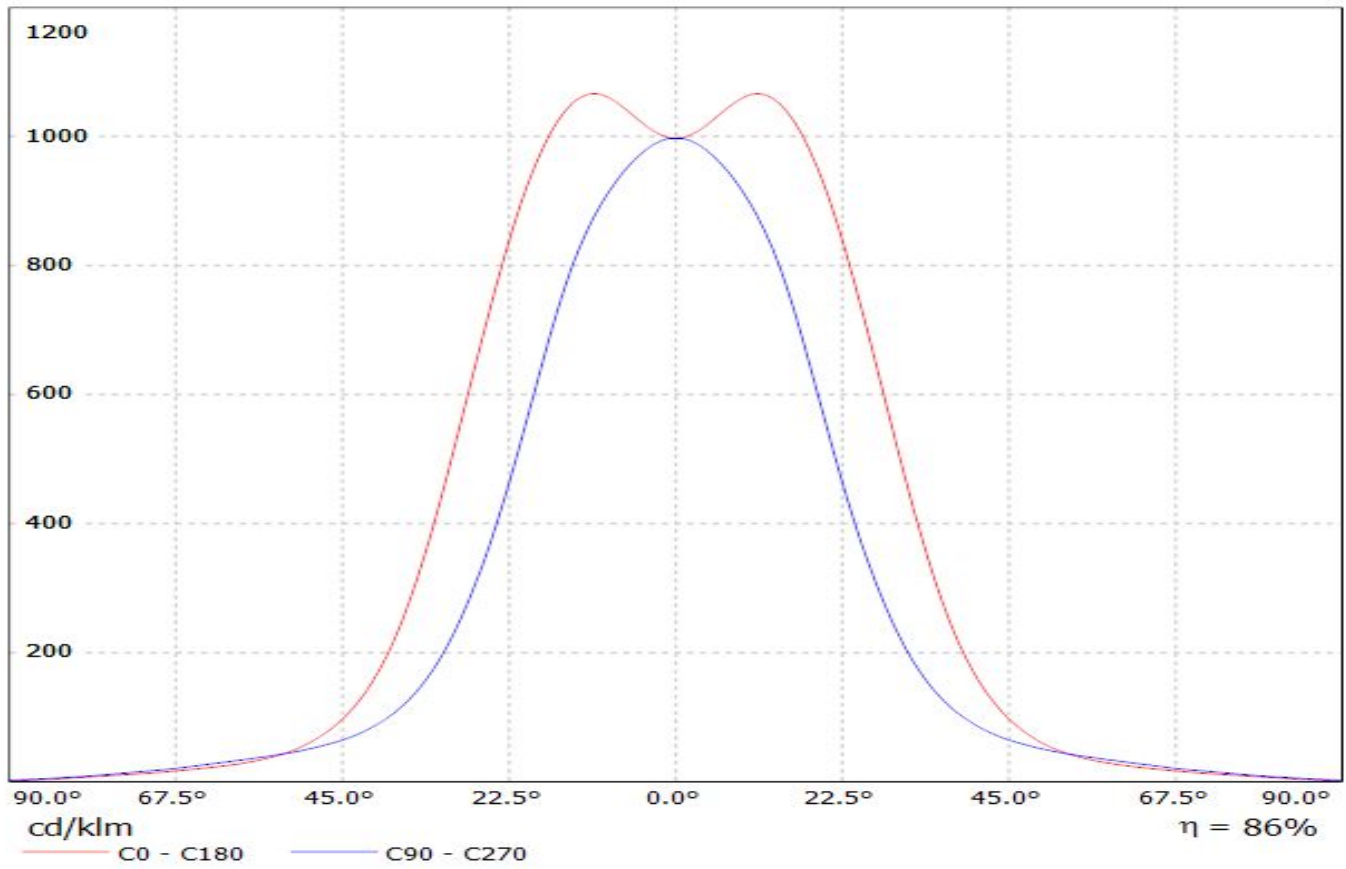


Luminaire: Ledil Oy CA12429_TINA3-00 (Nichia NVS19 92lm @ 250mA) Efficiency=87%
Lamps: 1 x Nichia NVS19 92lm @ 250mA

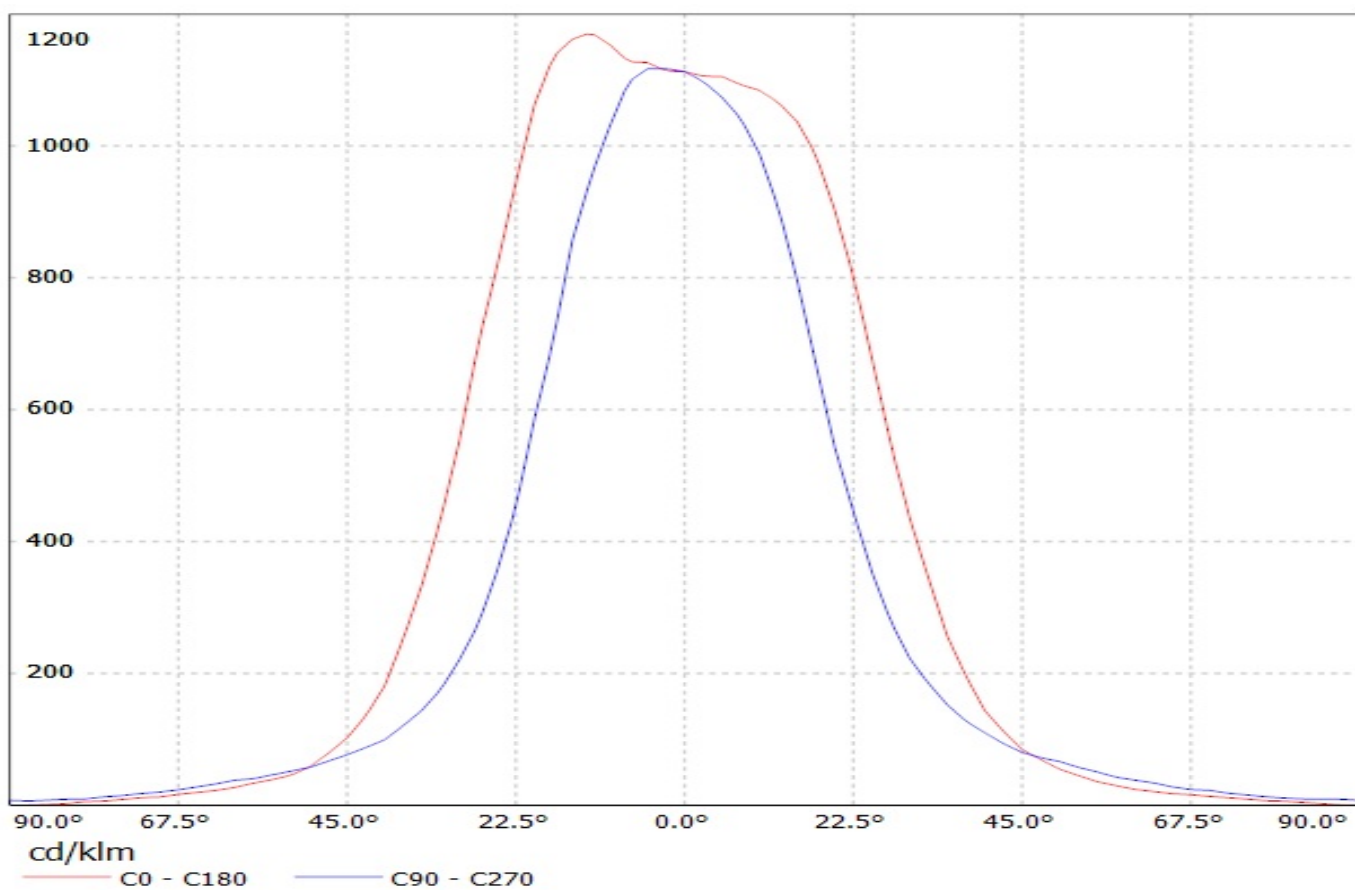


Luminaire: LEDiL Oy CA12429_TINA3-OO_(NVSL219CE)

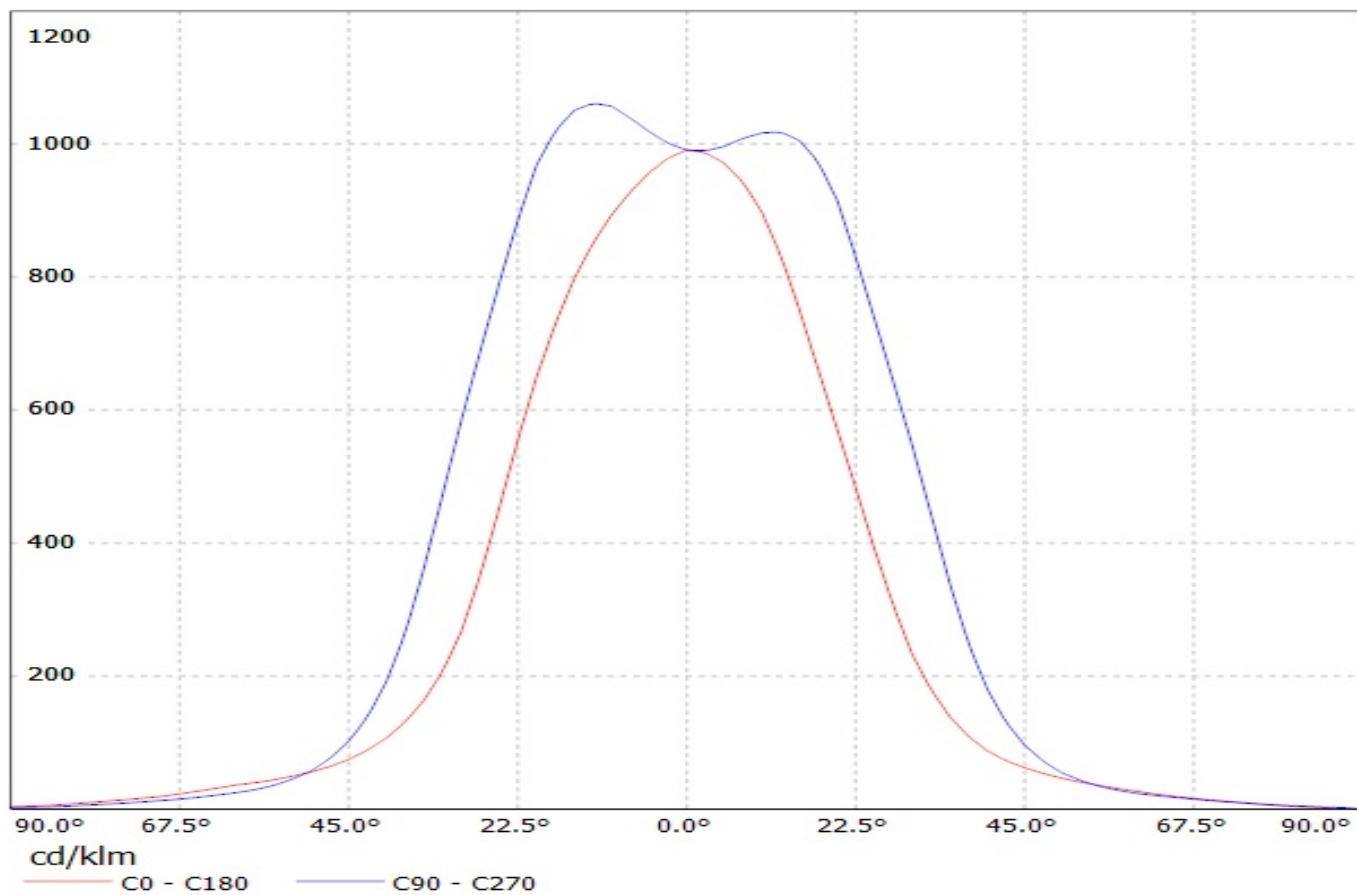
Lamps: 2 x Nichia_NVSL219CE_101.227lm@250mA_P=0.713404W_I=0.25A



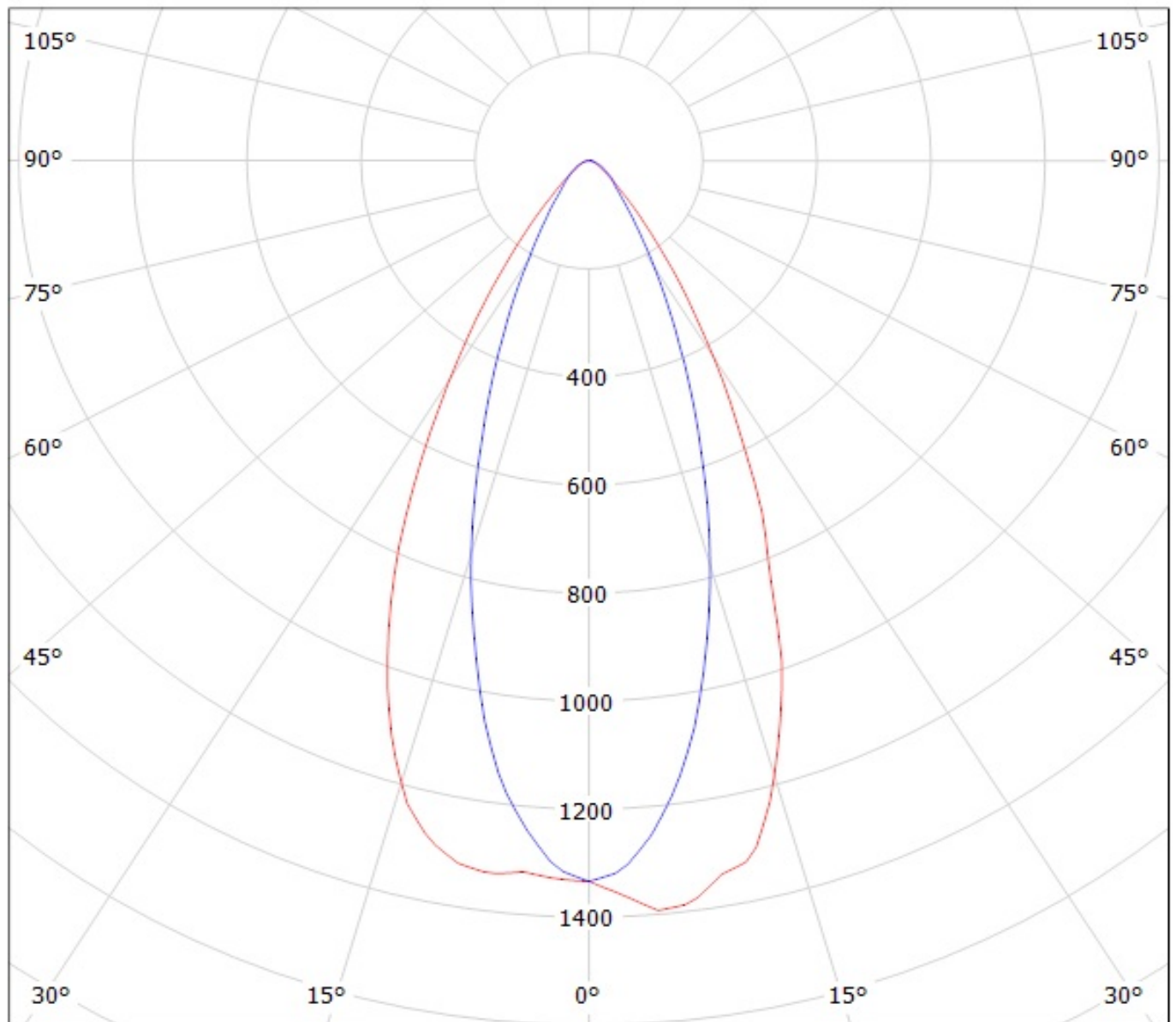
Luminaire: Ledil Oy CA12429_TINA3-00 (Osram Square EC 66lm @ 250mA) Efficiency=88%
Lamps: 1 x Osram Square EC 66lm @ 250mA



Luminaire: Ledil Oy CA12429_TINA3-OO_(LH351Z) Efficiency=88%
Lamps: 1 x Samsung LH351Z (90.14lm @ 250mA) CCT=6500K P=0.7W I=250mA



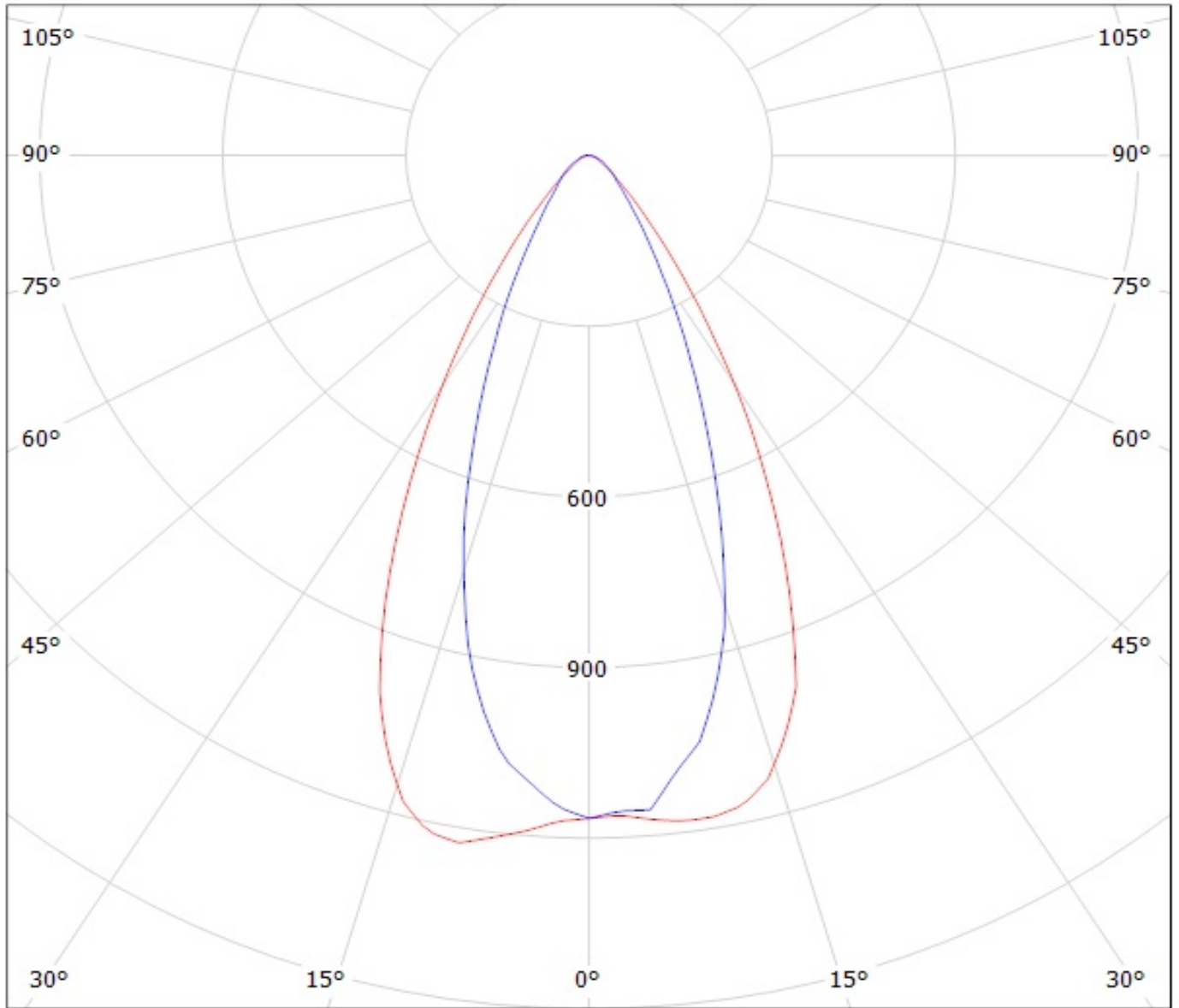
Luminaire: Ledil Oy CA12429_TINA3-00 (Cree XP-G 68lm @ 250mA) Efficiency=90%
Lamps: 1 x Cree XP-G 68lm @ 250mA



cd/klm

— C0 - C180 — C90 - C270

Luminaire: Ledil Oy CA12429_TINA3-OO (Luxeon A 64lm @ 250mA) Efficiency=90%
Lamps: 1 x Luxeon A 64lm @ 250mA

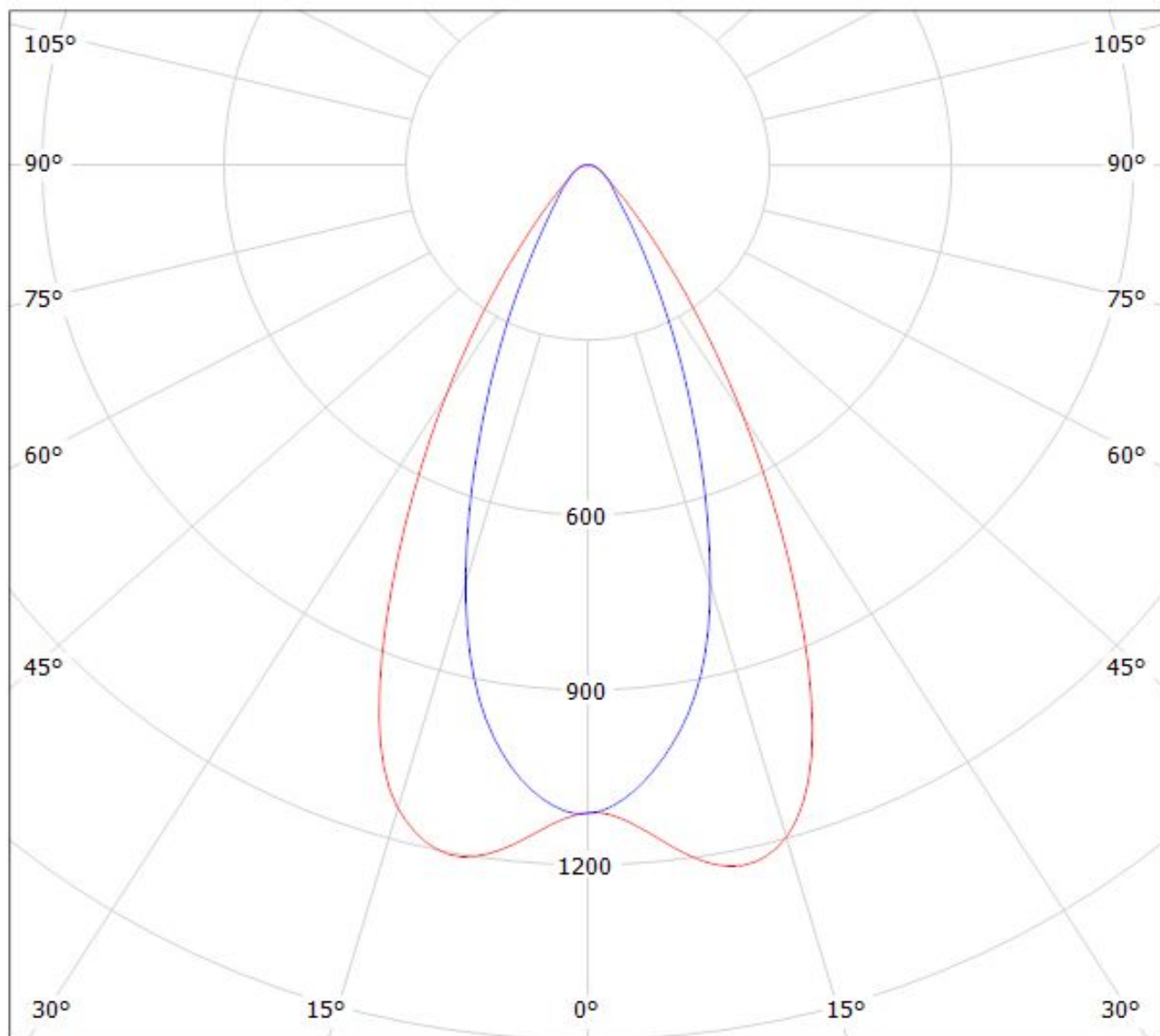


cd/klm

— C0 - C180

— C90 - C270

Luminaire: LEDiL Oy CA12429_TINA3-00_(LUXEON_T) Eff.88.0%
Lamps: 1 x LUXEON T (74lm@250mA)

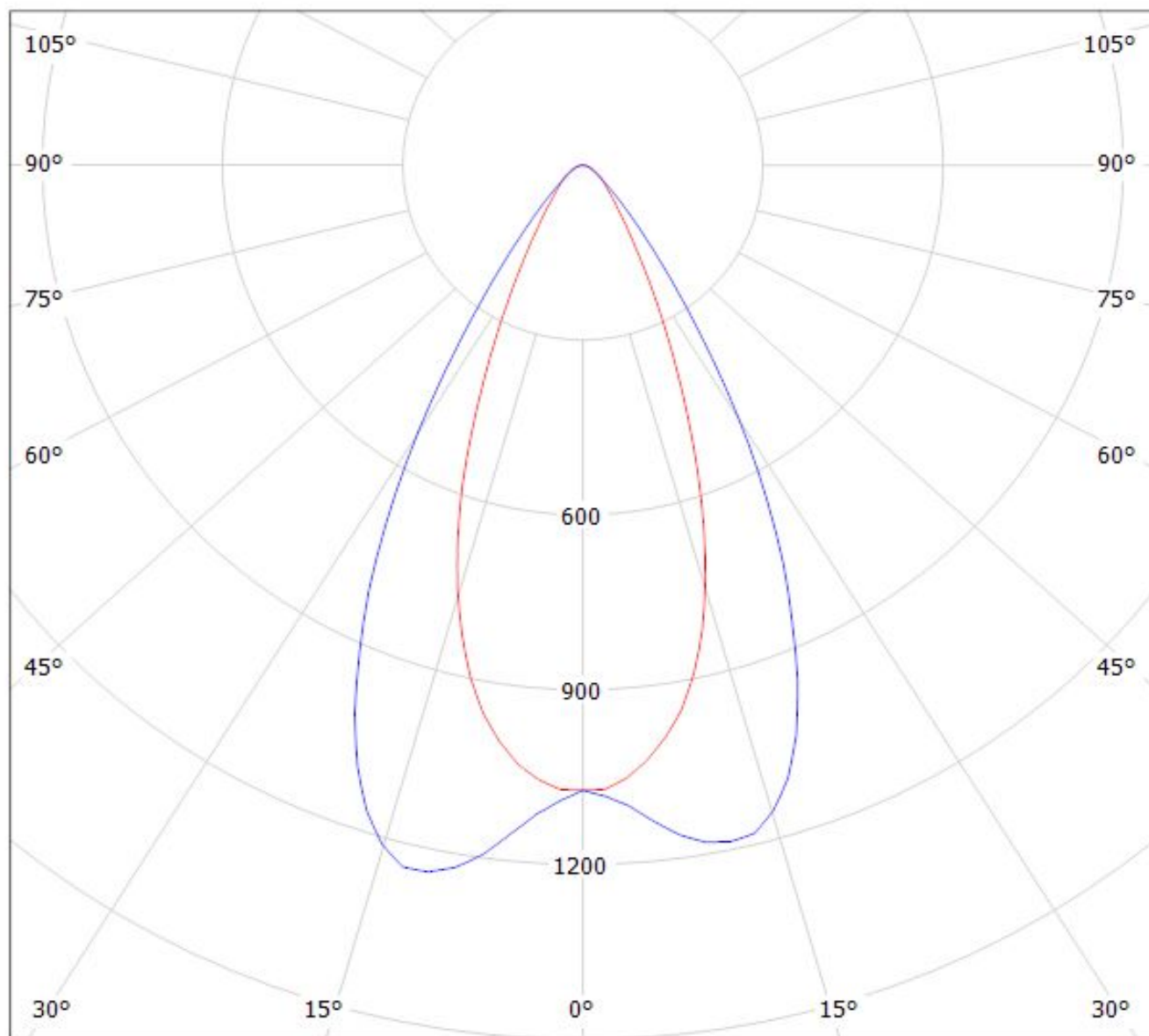


cd/klm

— C0 - C180 — C90 - C270

$\eta = 88\%$

Luminaire: Ledil Oy CA12429_TINA3-OO_(Luxeon_TX) Efficiency=88%
Lamps: 1 x Luxeon TX (L1T2-3585) 82lm @ 250mA CCT= P=0.73W I=250mA



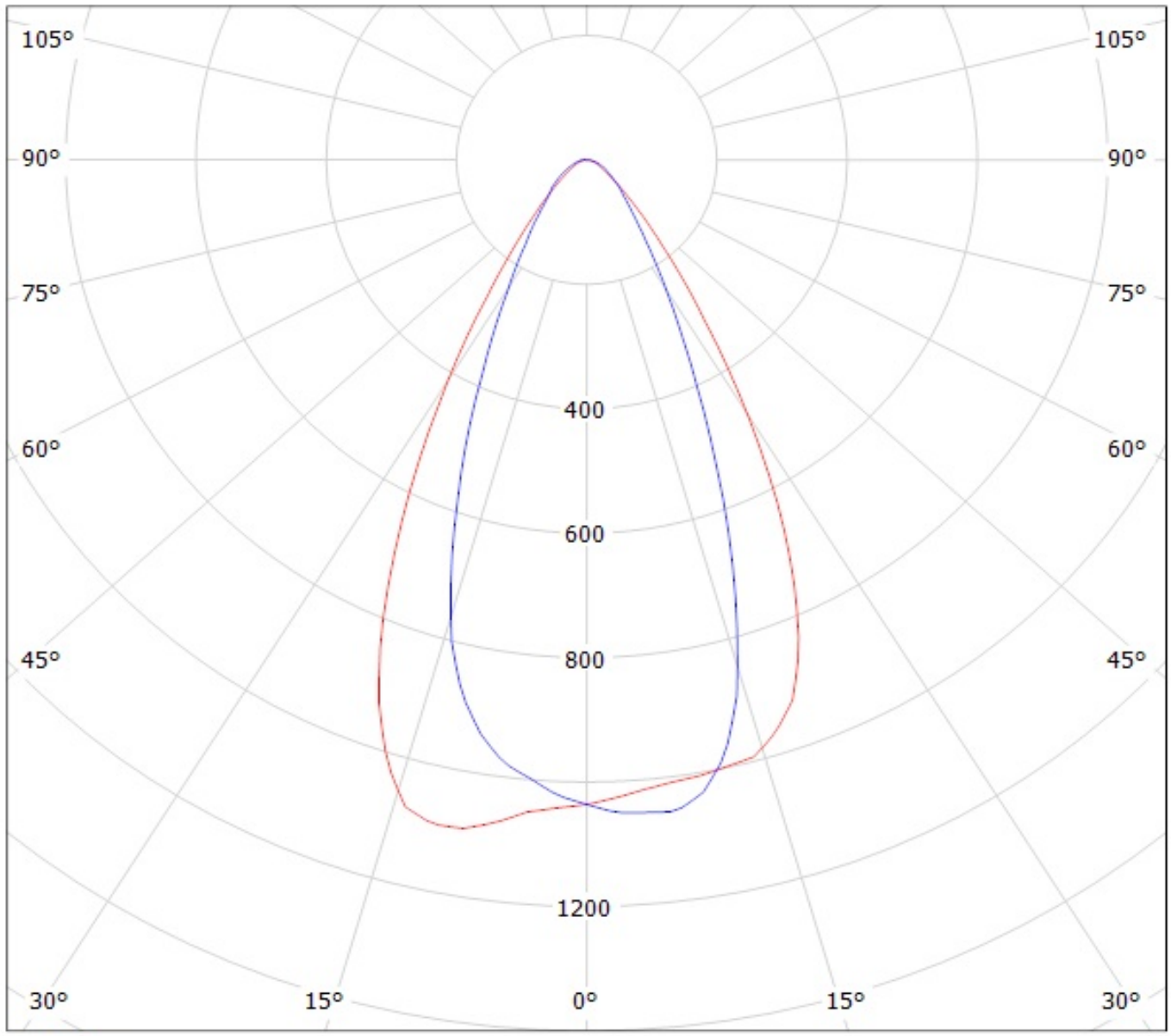
cd/klm

— C0 - C180

— C90 - C270

$\eta = 89\%$

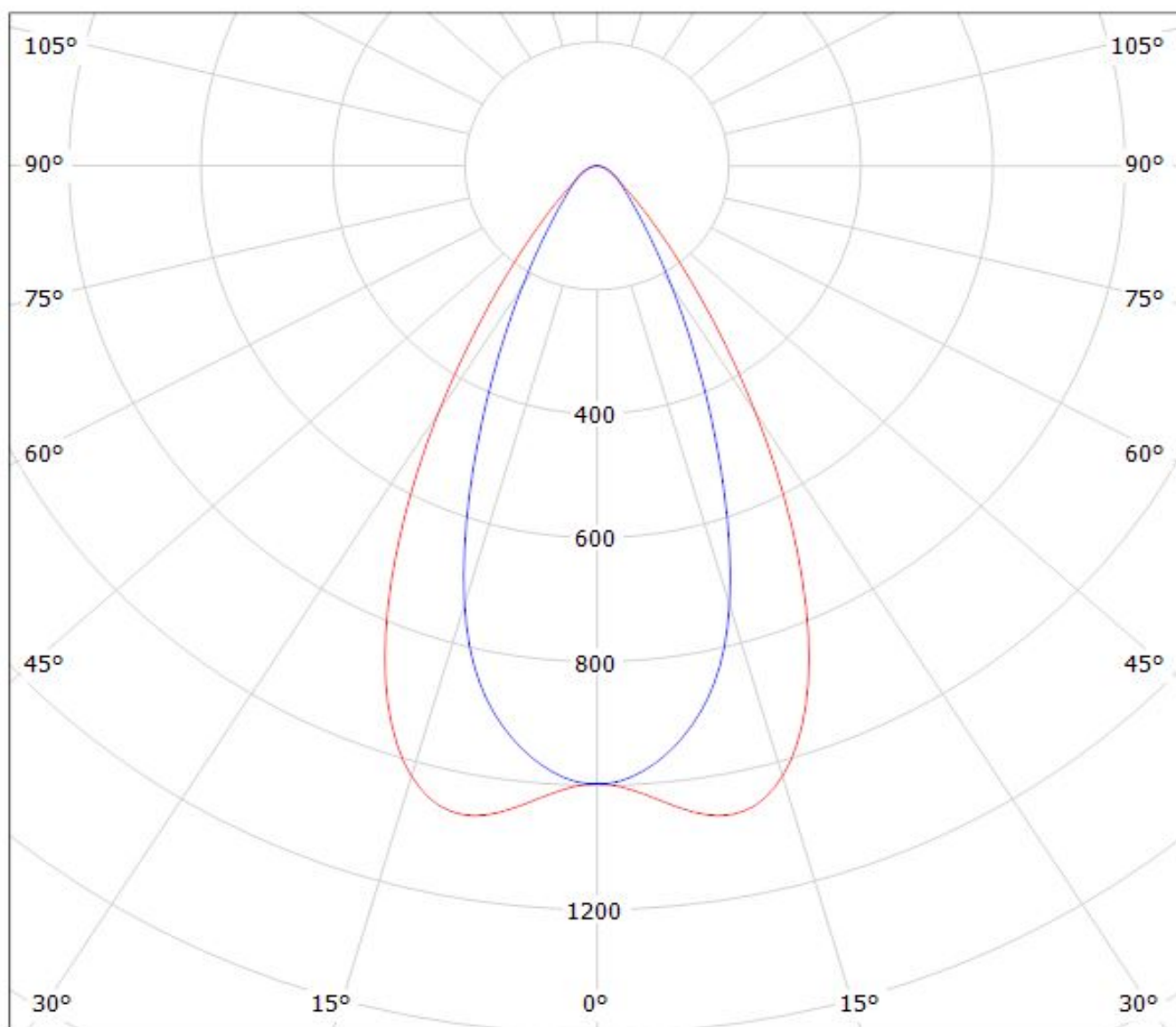
Luminaire: Ledil Oy CA12429_TINA3-00 (Nichia NVS19 92lm @ 250mA) Efficiency=87%
Lamps: 1 x Nichia NVS19 92lm @ 250mA



cd/klm
— C0 - C180 — C90 - C270

Luminaire: LEDiL Oy CA12429_TINA3-OO_(NVSL219CE)

Lamps: 2 x Nichia_NVSL219CE_101.227lm@250mA_P=0.713404W_I=0.25A



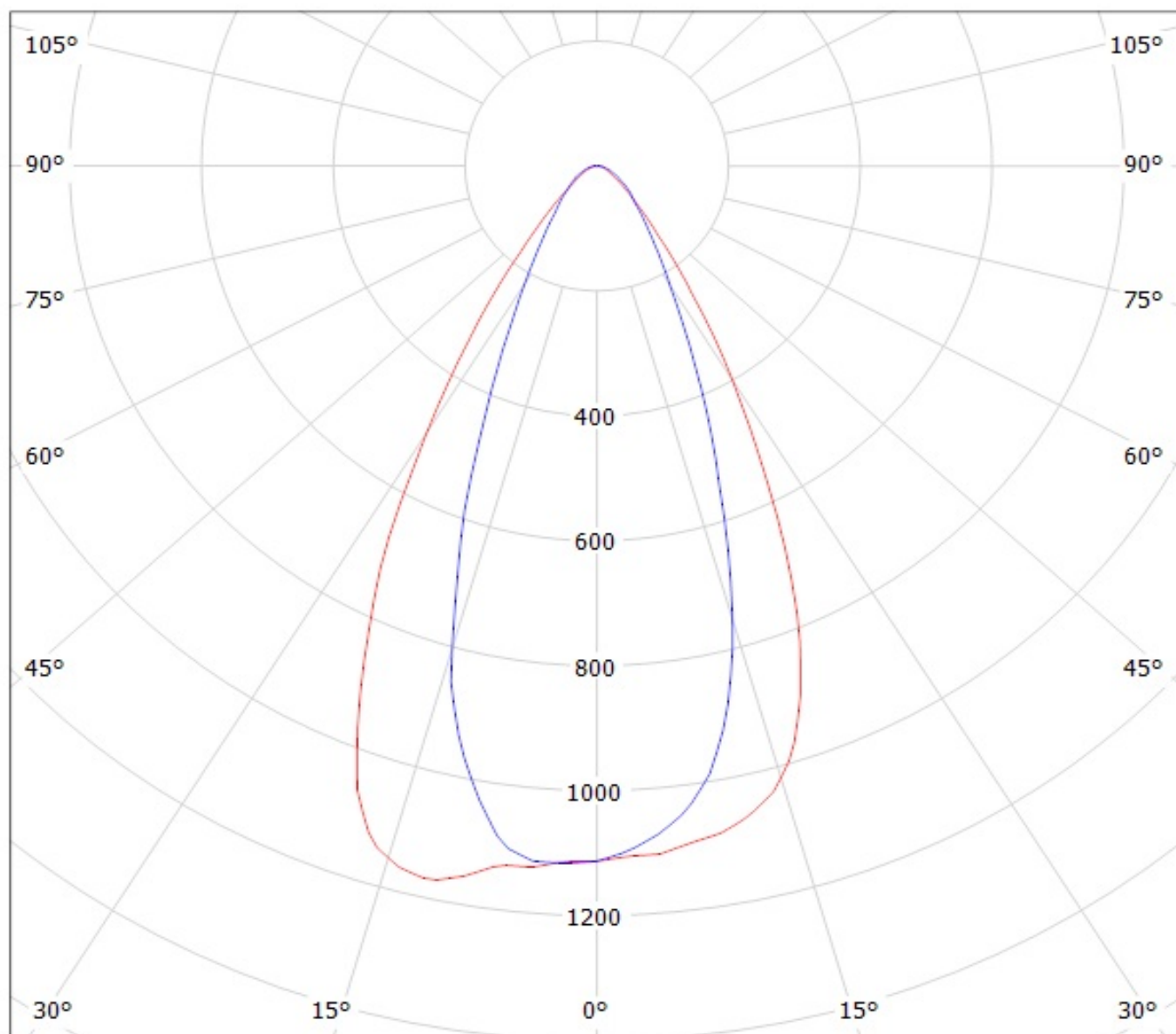
cd/klm

— C0 - C180

— C90 - C270

$\eta = 86\%$

Luminaire: Ledil Oy CA12429_TINA3-00 (Osram Square EC 66lm @ 250mA) Efficiency=88%
Lamps: 1 x Osram Square EC 66lm @ 250mA

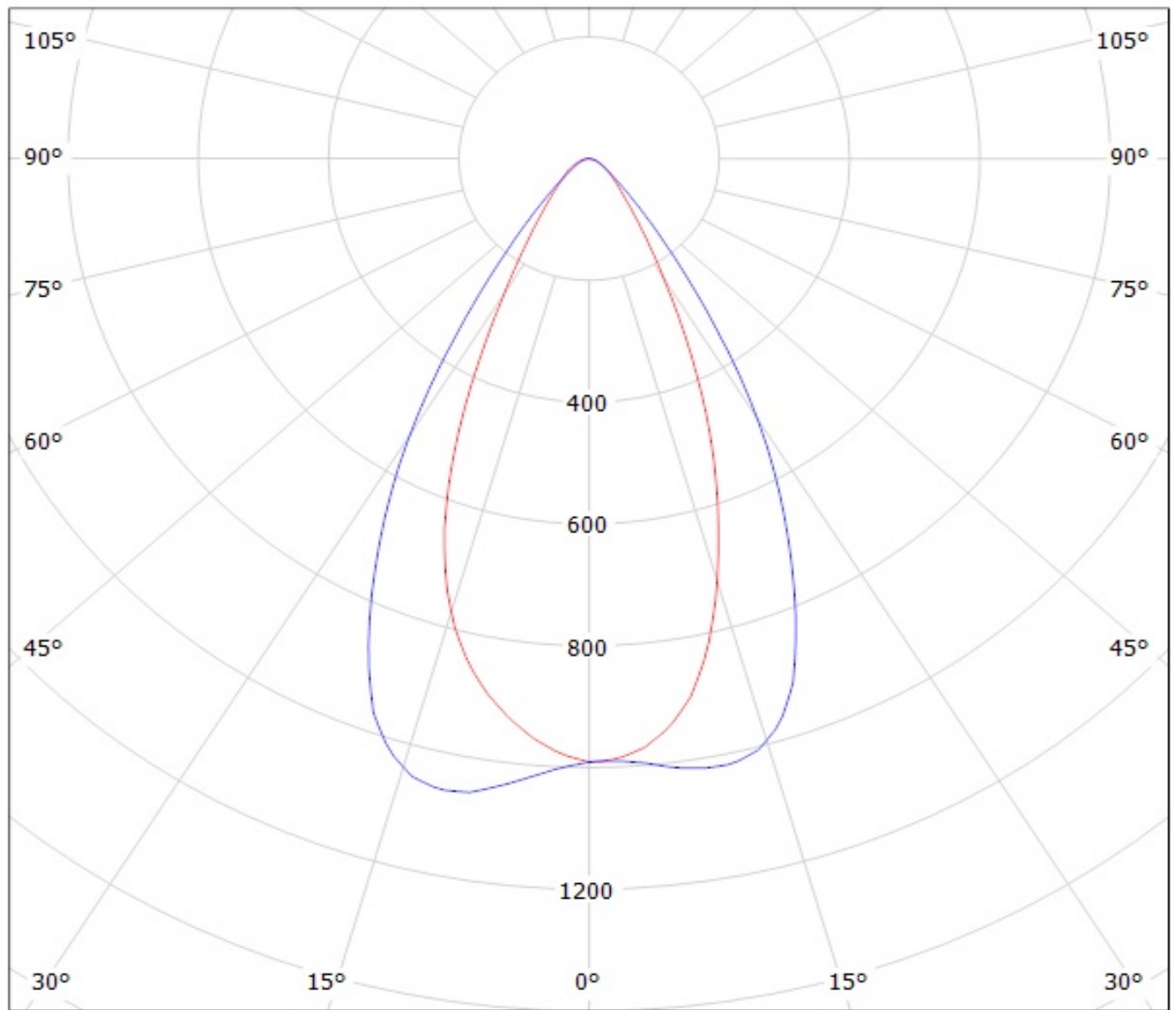


cd/klm

— C0 - C180

— C90 - C270

Luminaire: Ledil Oy CA12429_TINA3-OO_(LH351Z) Efficiency=88%
Lamps: 1 x Samsung LH351Z (90.14lm @ 250mA) CCT=6500K P=0.7W I=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.