

DETAILS

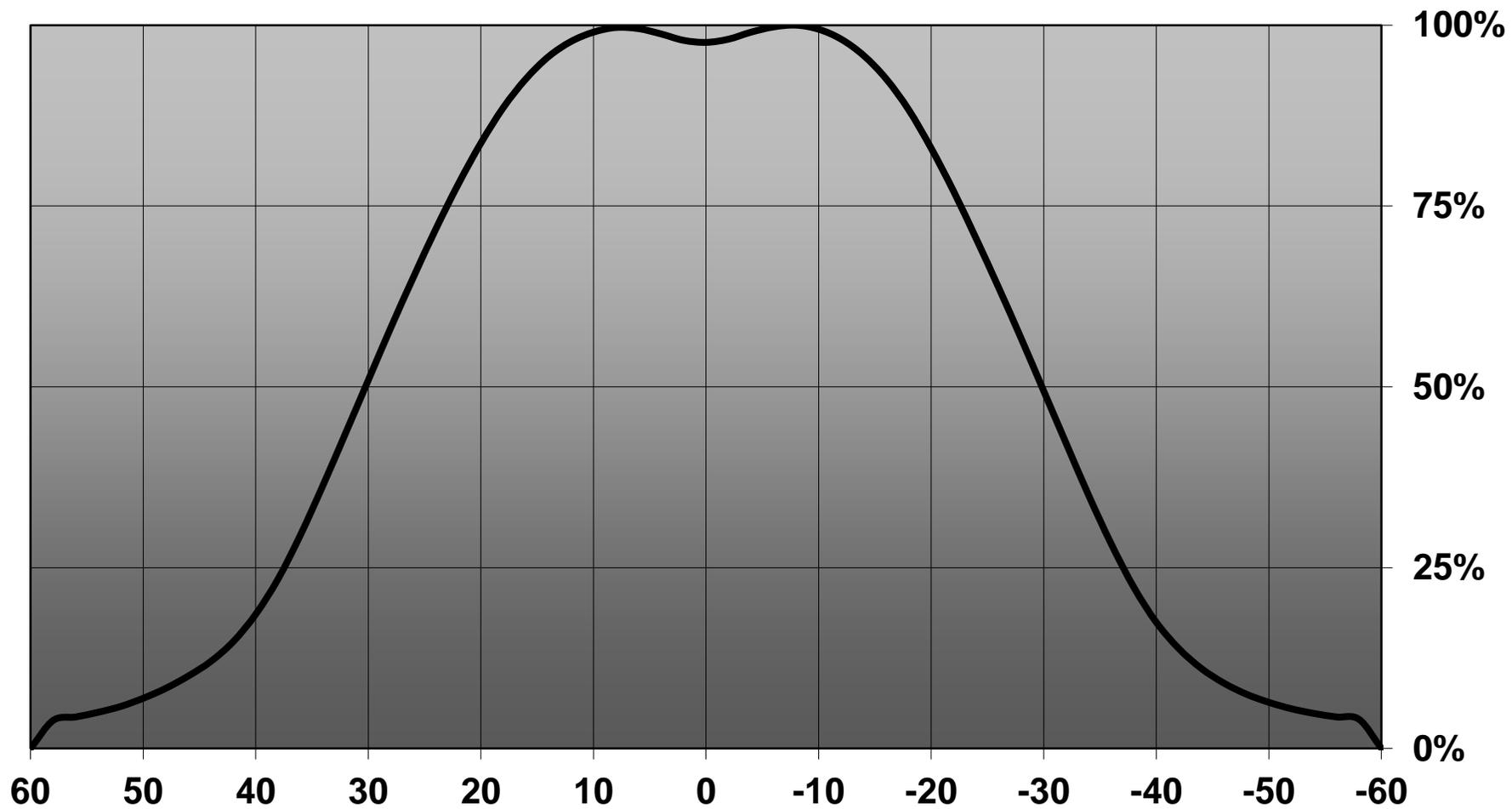
Product Number	CA12427_TINA3-WW
Family	Tina3
Type	Assembly
Color	white
Diameter	16,1 mm
Height	6,9 mm
Style	round
Optic Material	PMMA
Holder Material	
Fastening	tape, pin
Status	production ready
ROHS Compliant	Yes
Date Updated	11/11/2016



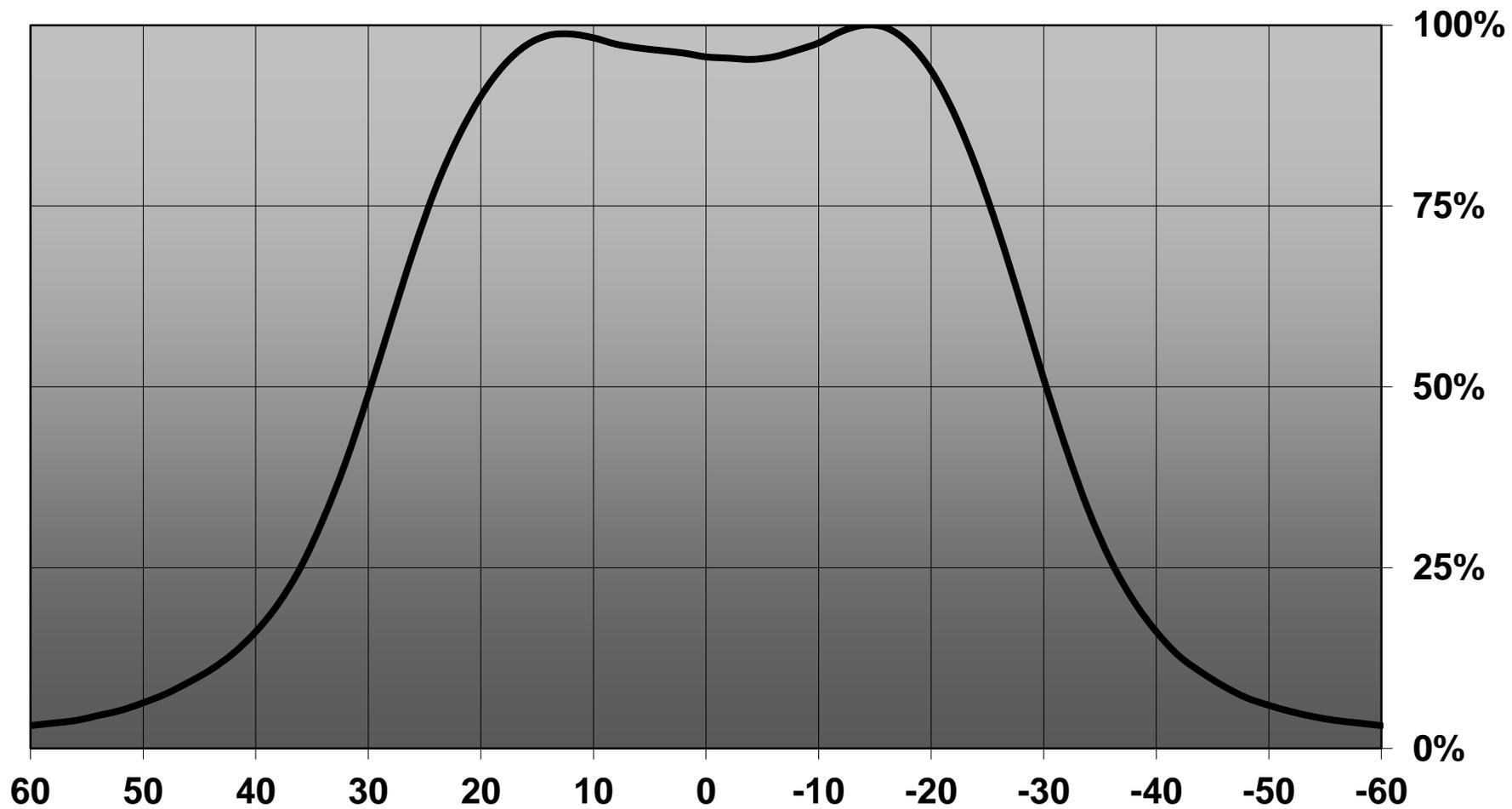
OPTICAL PROPERTIES

LED	Viewing Angle	Light Beam	Efficiency	cd/lm	Connector
XP-G	58 deg	Very Wide	89 %	1.000	-
XP-G2	59 deg	Very Wide	90 %	0.900	-
XT-E	56 deg	Very Wide	87 %	1.000	-
XP-E2	58 deg	Very Wide	89 %	1.100	-
XP-L HI	58 deg	Very Wide	92 %	0.940	-
XHP35 HI	60 deg	Very Wide	92 %	0.900	-
LUXEON A	58 deg	Very Wide	89 %	0.900	-
LUXEON T	61 deg	Very Wide	87 %	0.900	-
LUXEON H50-2	sim: 64	Very Wide	sim: 87 %	sim: 0.850	-
LUXEON TX	63 deg	Very Wide	87 %	0.820	-
NVSxx19A	62 deg	Very Wide	86 %	0.800	-
NF2x757A	60 deg	Very Wide	85 %	0.860	-
NF2x757G	sim: 57	Very Wide	sim: 88 %	sim: 0.950	-
NVSxx19B/NVSxx19C	62 deg	Very Wide	91 %	0.820	-
Oslon Square EC	58 deg	Very Wide	87 %	0.900	-
LH351Z	68 deg	Very Wide	88 %	0.760	-
LH351B	59 deg	Very Wide	87 %	0.900	-

Relative intensity of CA12427_TINA3-WW_(XPH35_HI)



Relative intensity of CA12427_TINA3-WW_(NF2x757A)



D

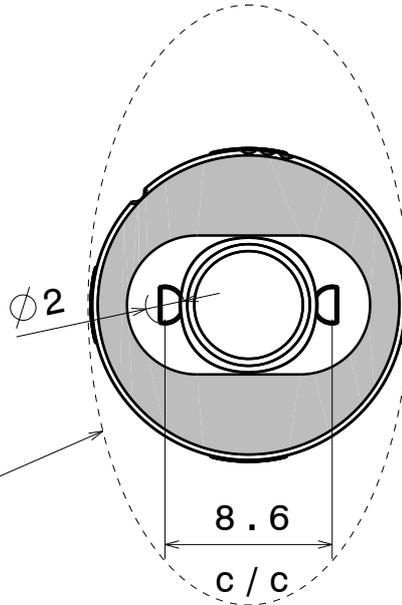
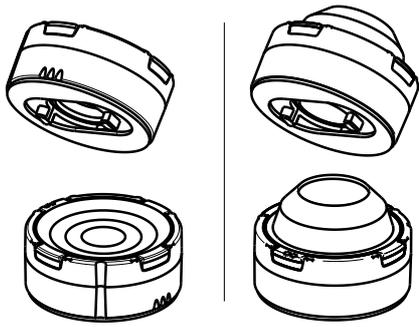
C

B

A

4

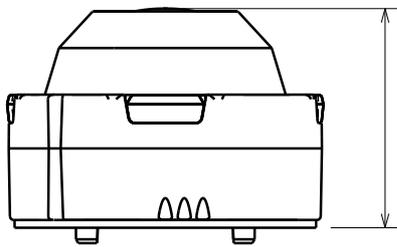
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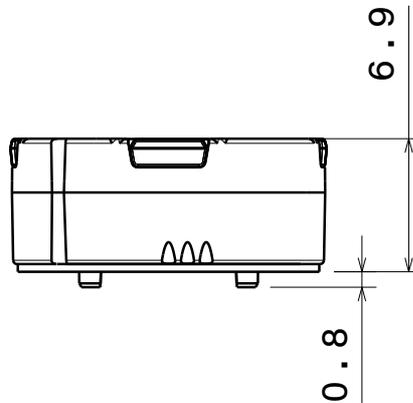
Oval beam direction

3

3

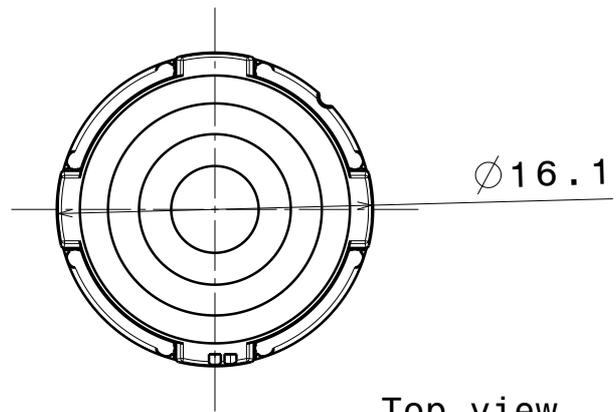


Spot version height



2

2



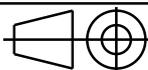
Top view

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 Oy
 Salorankatu 10
 FIN 24240 SALO
 Finland

THIRD ANGLE PROJECTION:



DRAWING TITLE

TINA3 Datasheet

This drawing is the property
 of LEDiL Oy. It may not be
 reproduced, copied or
 communicated without a written
 agreement with LEDiL Oy."

SIZE

A4

PART NUMBER

-

SCALE

4:3

WEIGHT

-

SHEET

1/1

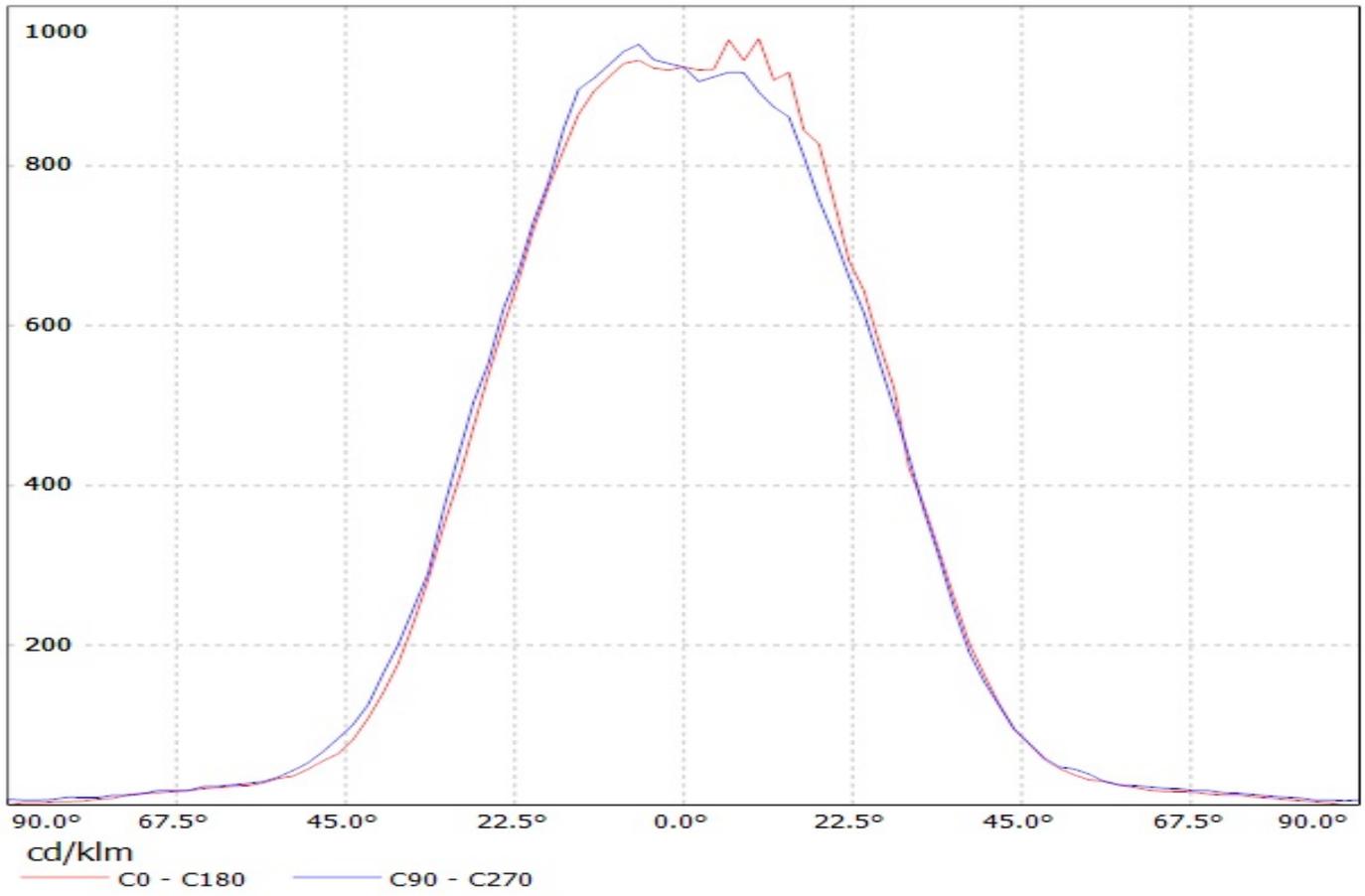
D

A

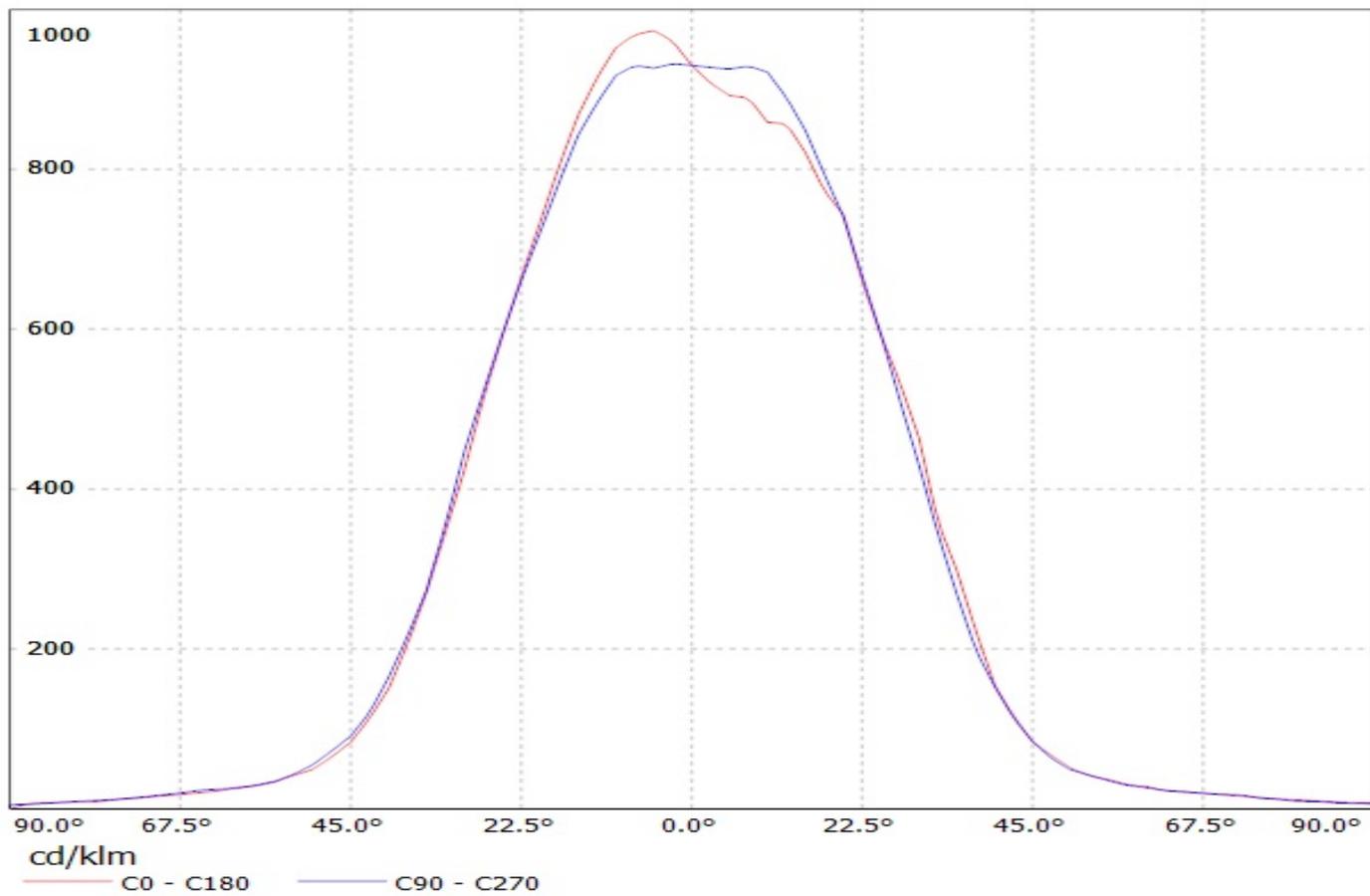
1

1

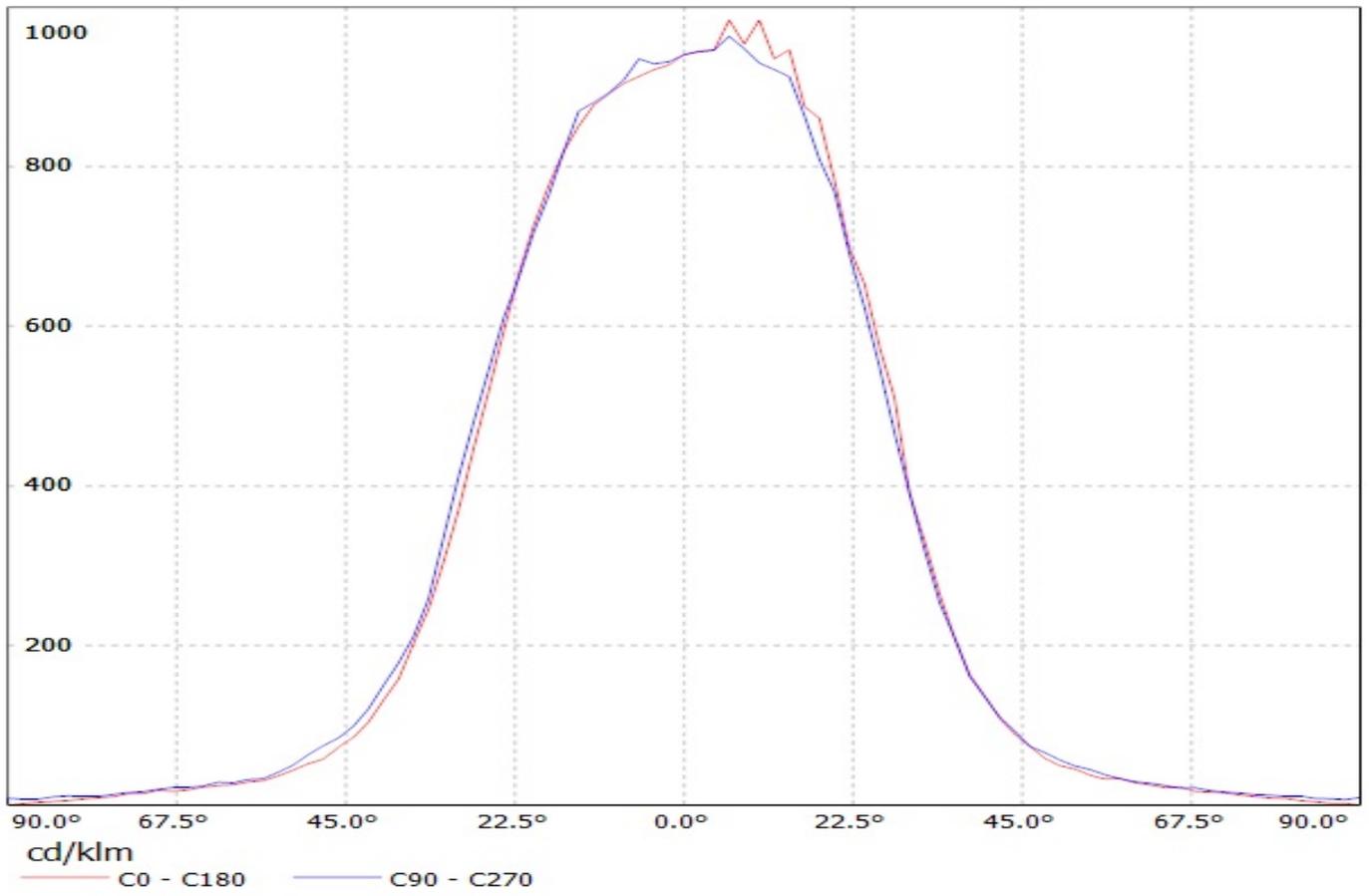
Luminaire: Ledil Oy CA12427_TINA3-WW (Cree XP-G 68lm @ 250mA) Efficiency=89%
Lamps: 1 x Cree XP-G 68lm @ 250mA



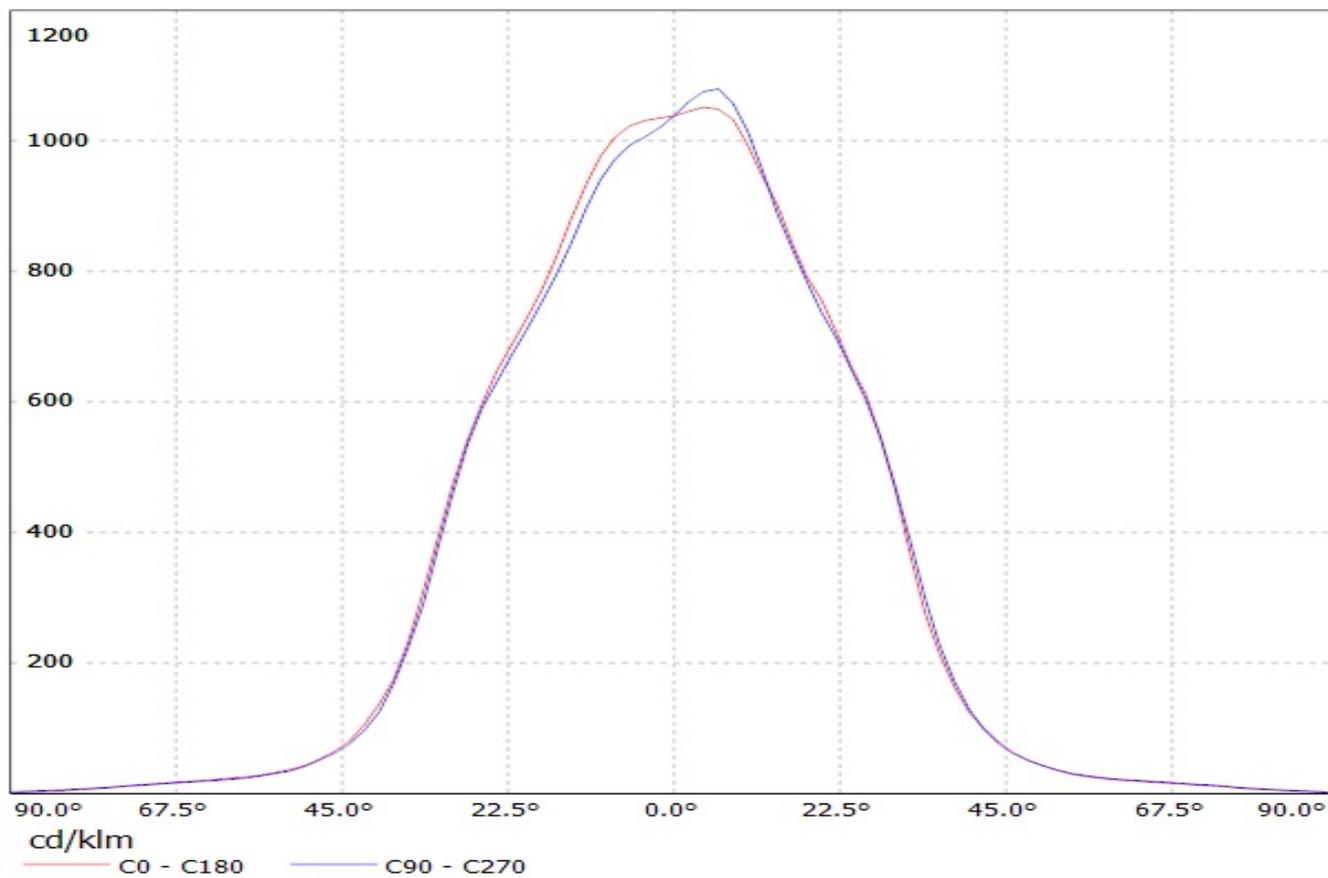
Luminaire: Ledil Oy CA12427_TINA3-WW (Cree XP-G2 98.8lm @ 250mA) Efficiency=90%
Lamps: 1 x Cree XP-G2 98.8lm @ 250mA



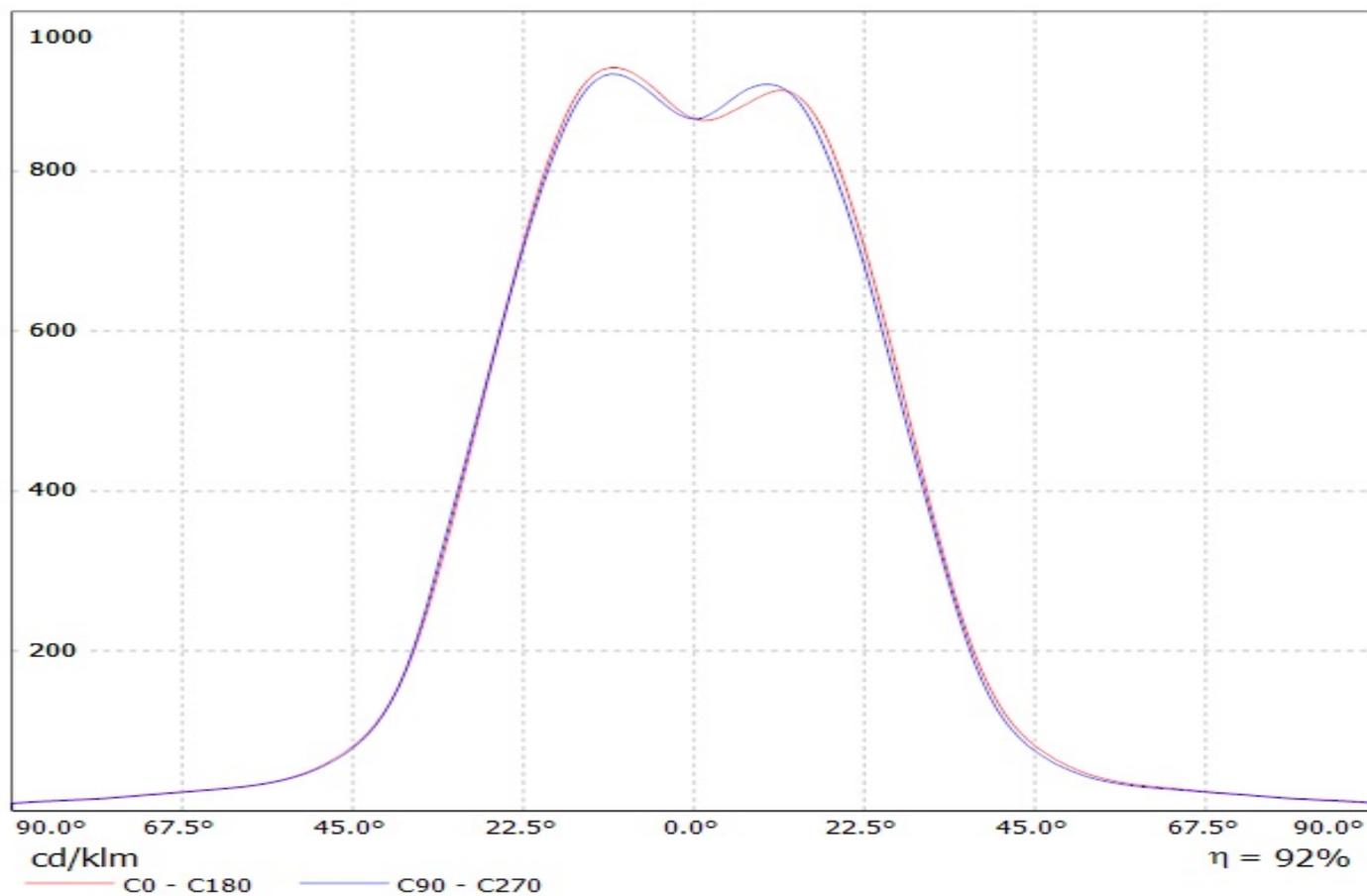
Luminaire: Ledil Oy CA12427_TINA3-WW (Cree XT-E 98lm @ 250mA) Efficiency=87%
Lamps: 1 x Cree XT-E 98lm @ 250mA



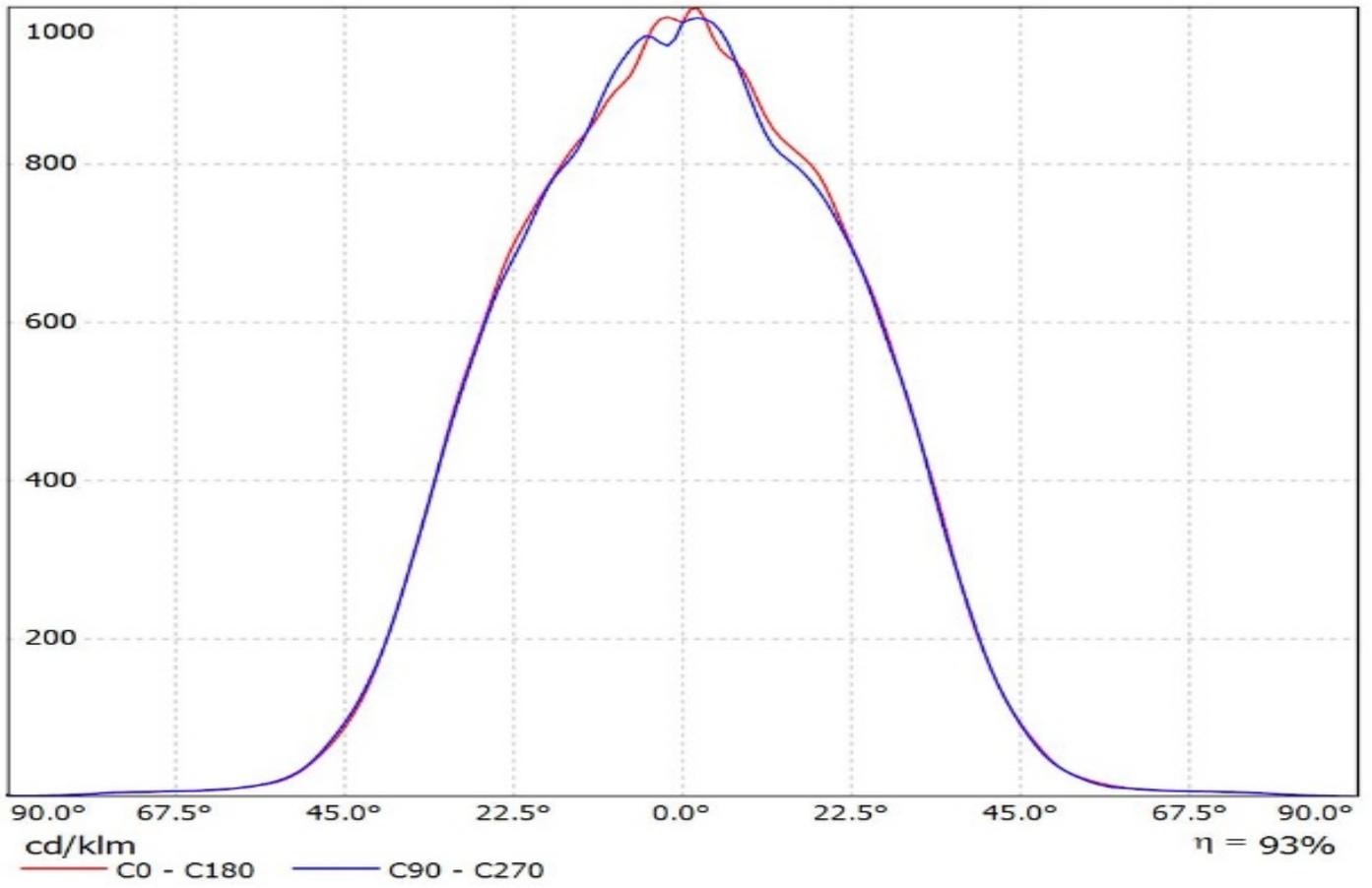
Luminaire: LEDIL CA12427_TINA3-WW_(XP-E2) Efficiency=89%
Lamps: 1 x Cree Xp-E2 (93lm @ 250mA) CCT=5600K P=0.8W I=250mA



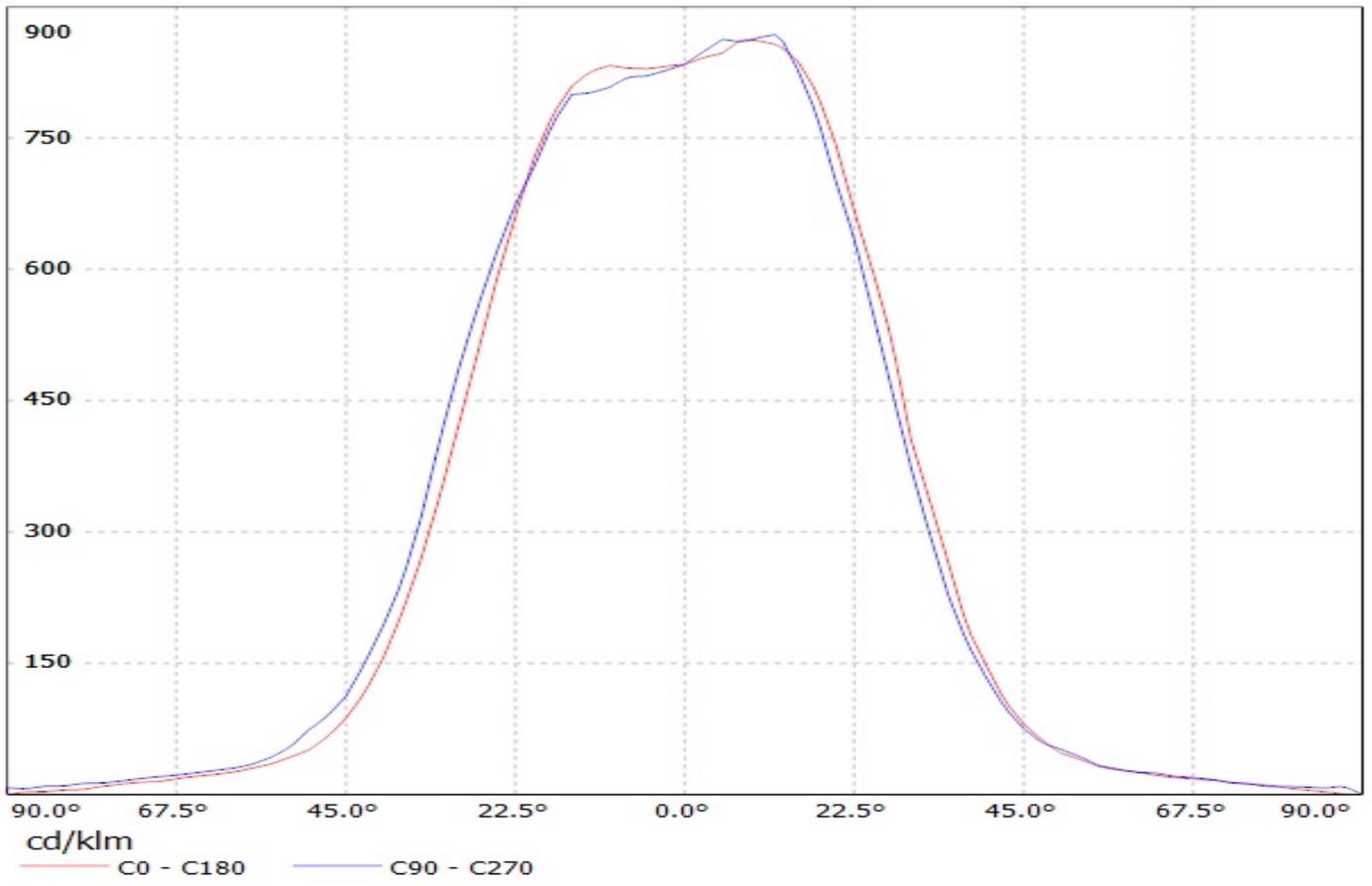
Luminaire: LEDiL Oy CA12427_TINA3-WW_(XP-L_HI)
Lamps: 1 x Cree_XP-L_HI_113.703lm@250mA_P=0.743328W_I=0.2499A



Luminaire: Ledil Oy CA12427_TINA3-WW_(XHP35_HI)_SIMULATED
Lamps: 1 x Cree XHP35 HI



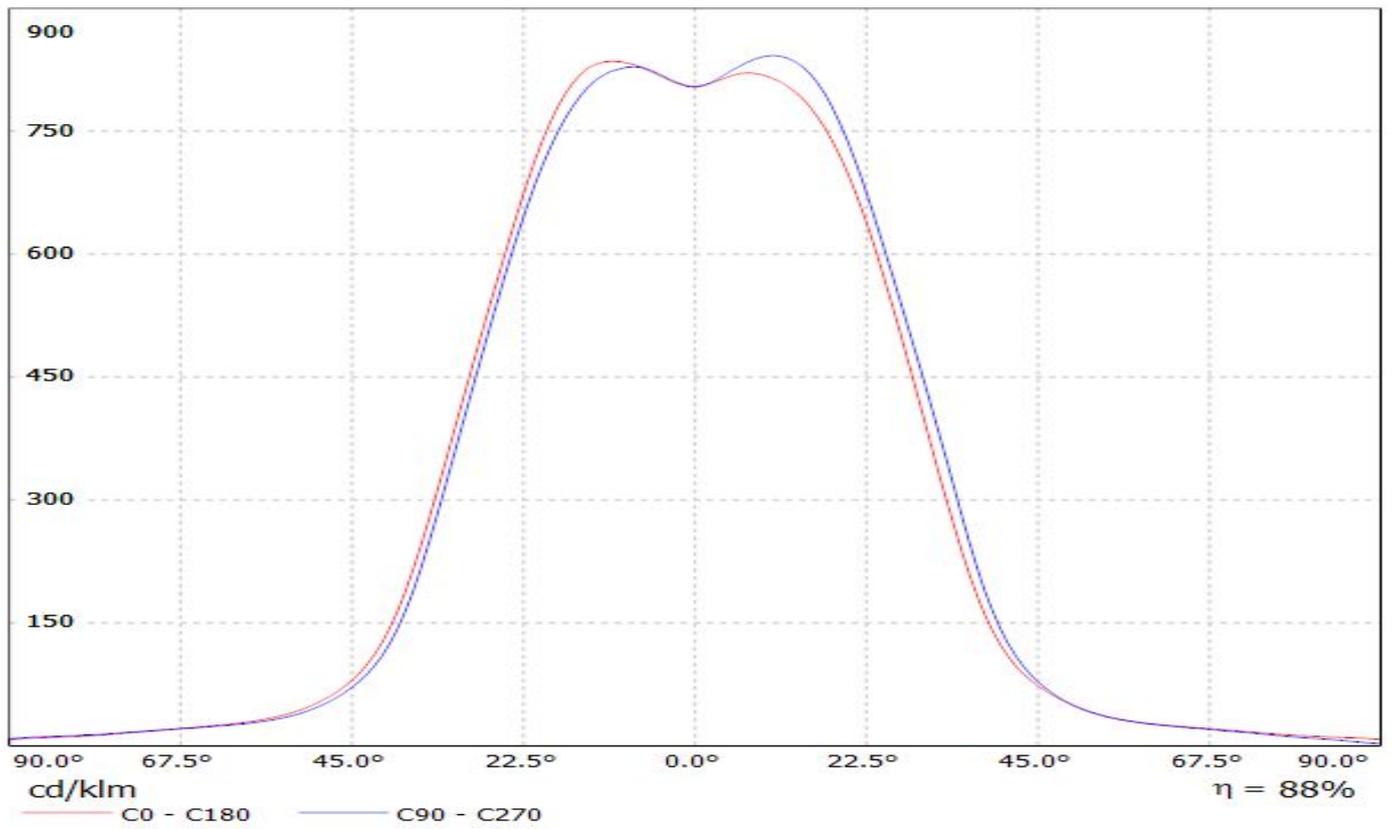
Luminaire: Ledil Oy CA12427_TINA3-WW (Luxeon A 64lm @ 250mA) Efficiency=89%
Lamps: 1 x Luxeon A 64lm @ 250mA



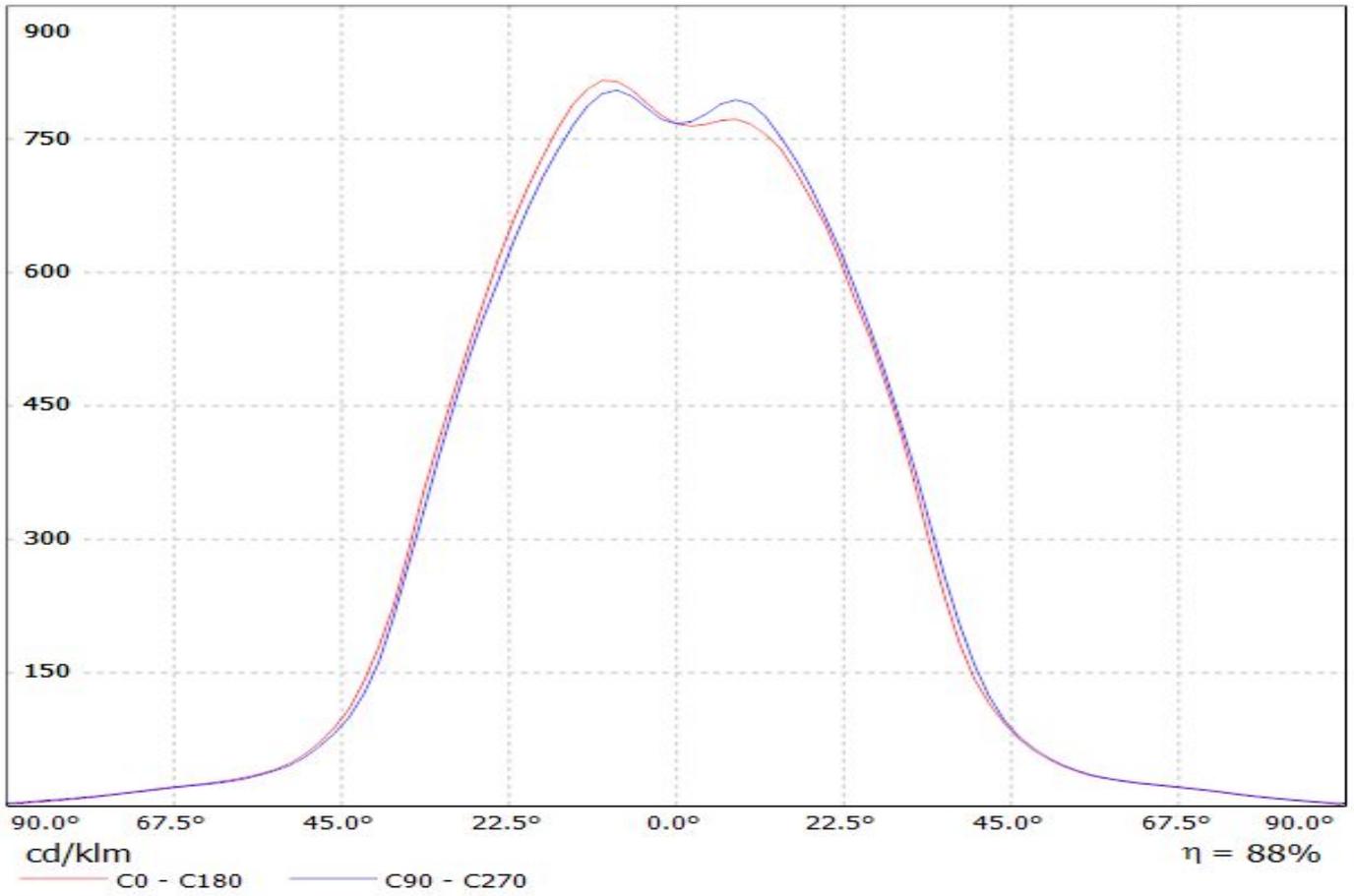
LEDiL Oy CA12427_TINA3-WW_(LUXEON_T)_3 Eff.87.6% / LDC (Linear)

Luminaire: LEDiL Oy CA12427_TINA3-WW_(LUXEON_T)_3 Eff.87.6%

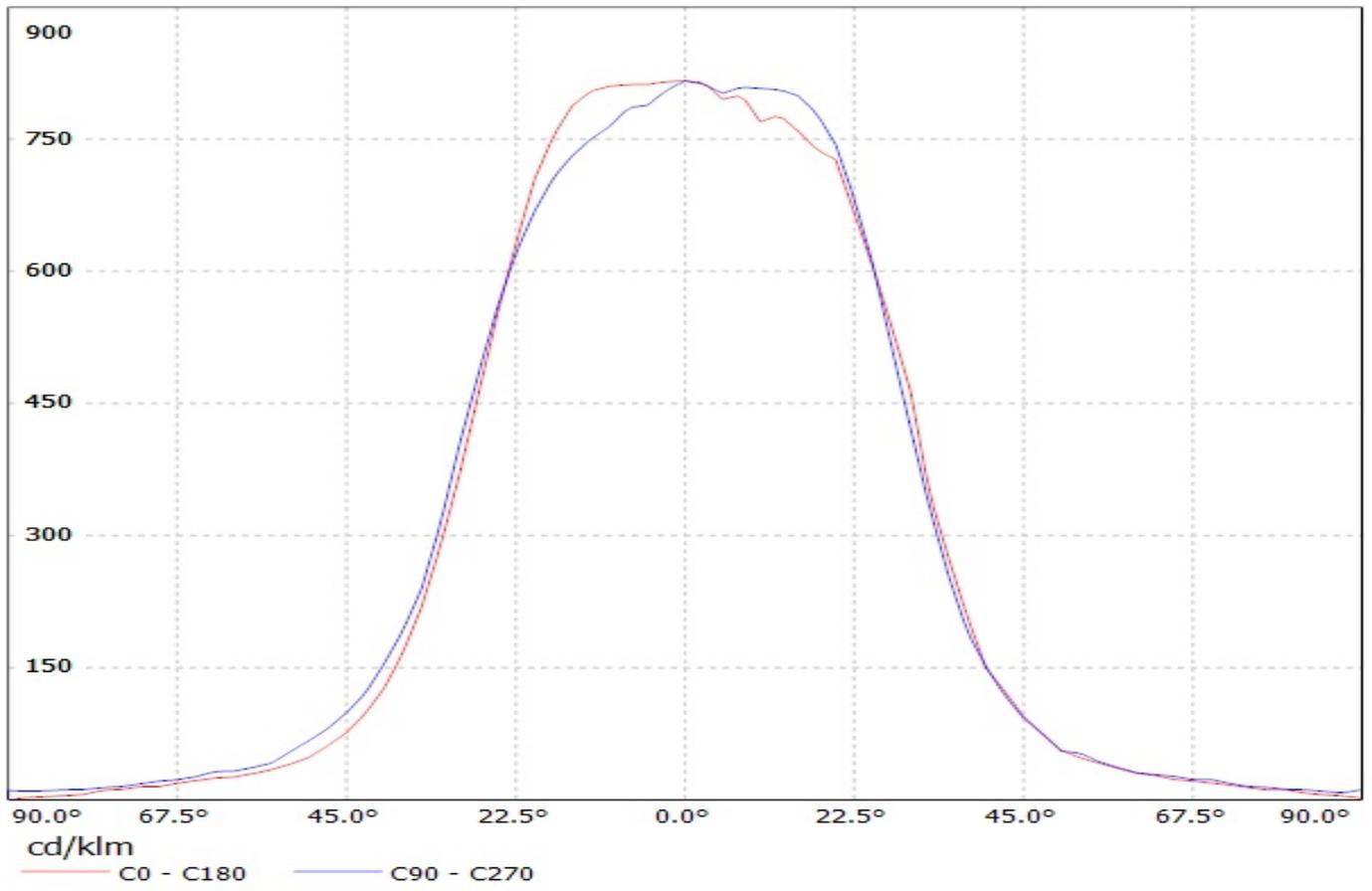
Lamps: 1 x LUXEON T (74lm@250mA)



Luminaire: Ledil Oy CA12427_TINA3-WW_(Luxeon_TX) Efficiency=87%
Lamps: 1 x Luxeon TX (L1T2-3585) 82lm @ 250mA CCT= P=0.73W I=250mA

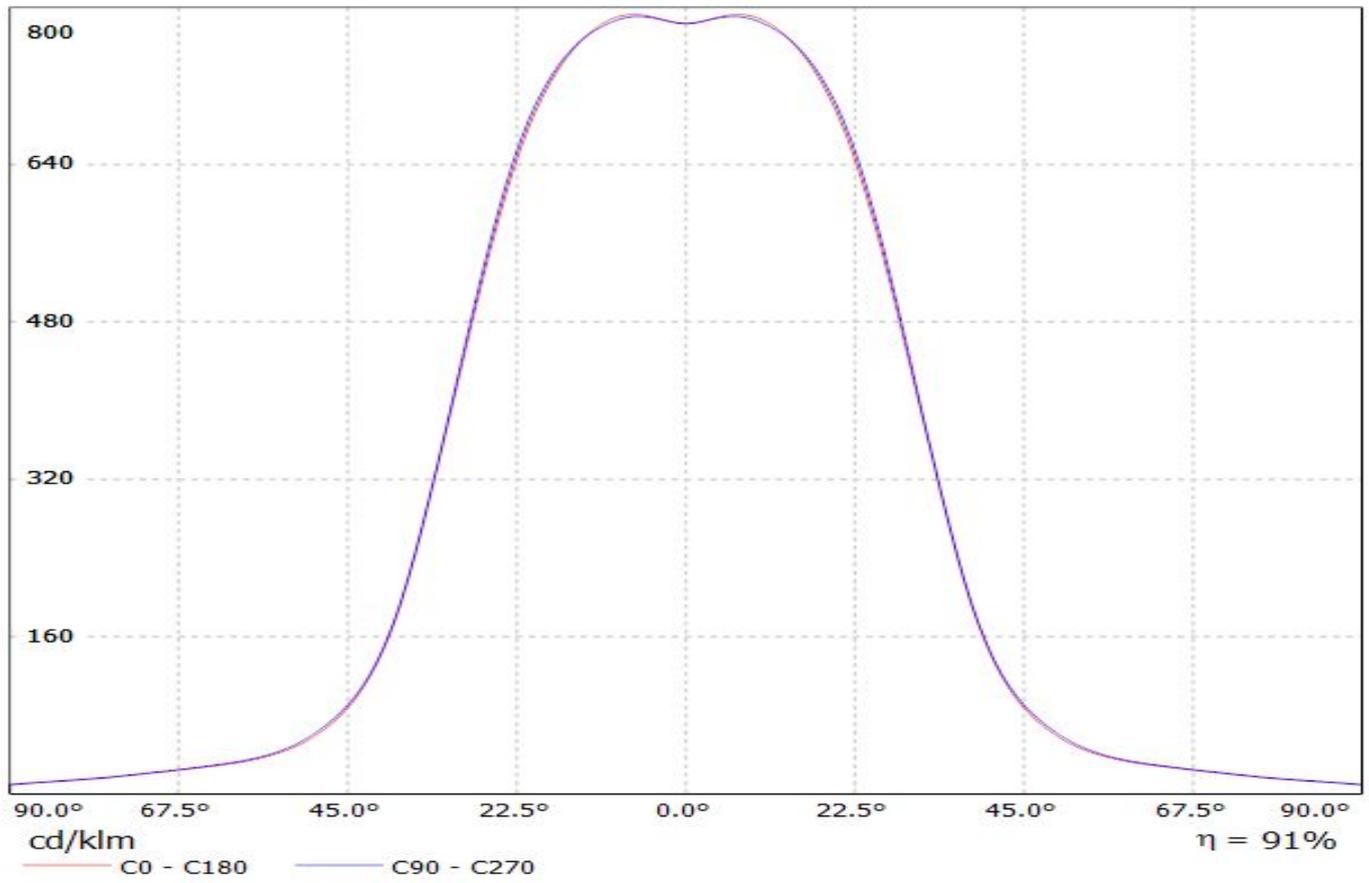


Luminaire: Ledil Oy CA12427_TINA3-WW (Nichia NVS19 92lm @ 250mA) Efficiency=86%
Lamps: 1 x Nichia NVS19 92lm @ 250mA

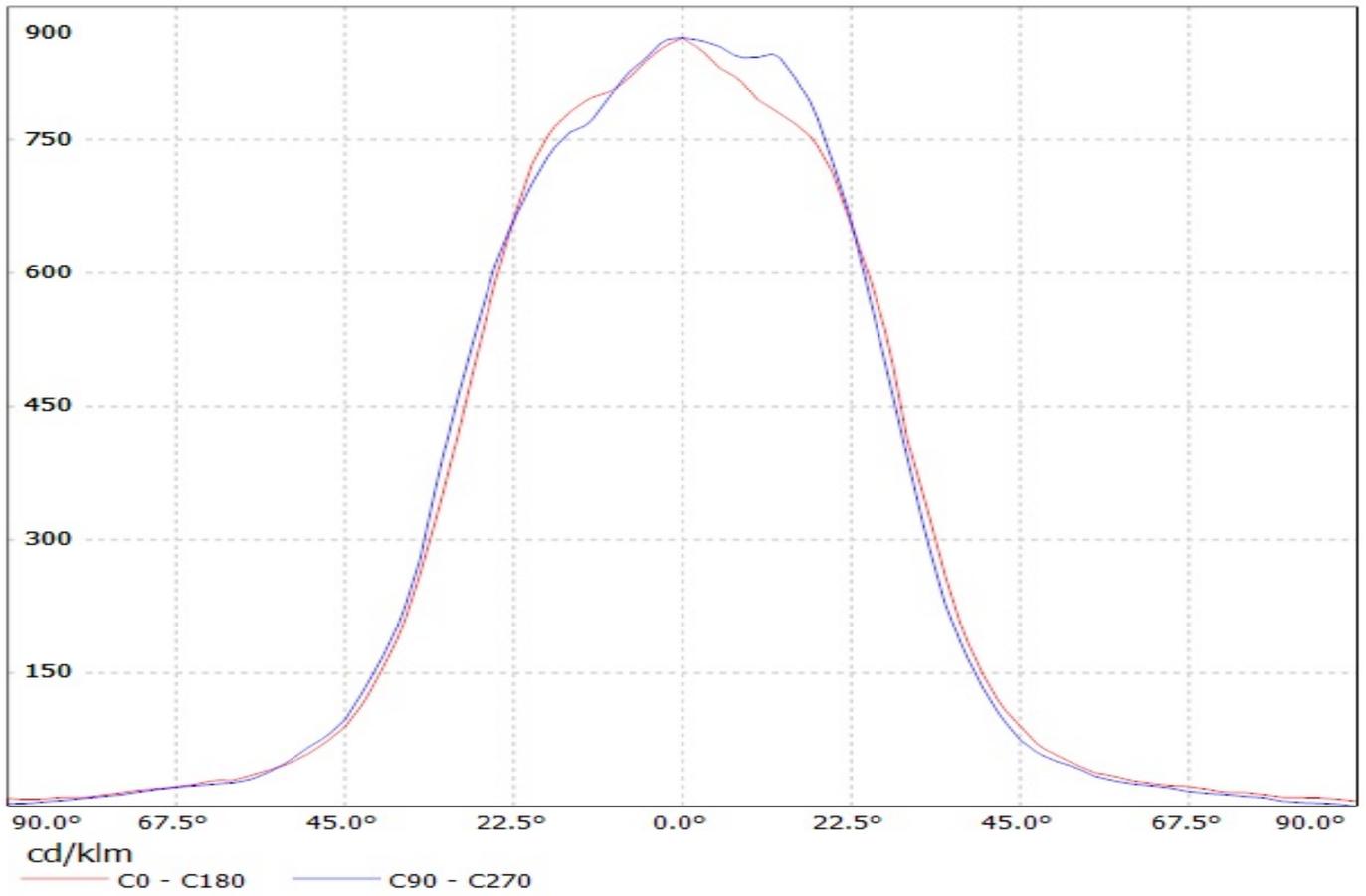


Luminaire: LEDiL Oy CA12427_TINA3-WW_(NVSL219CE)

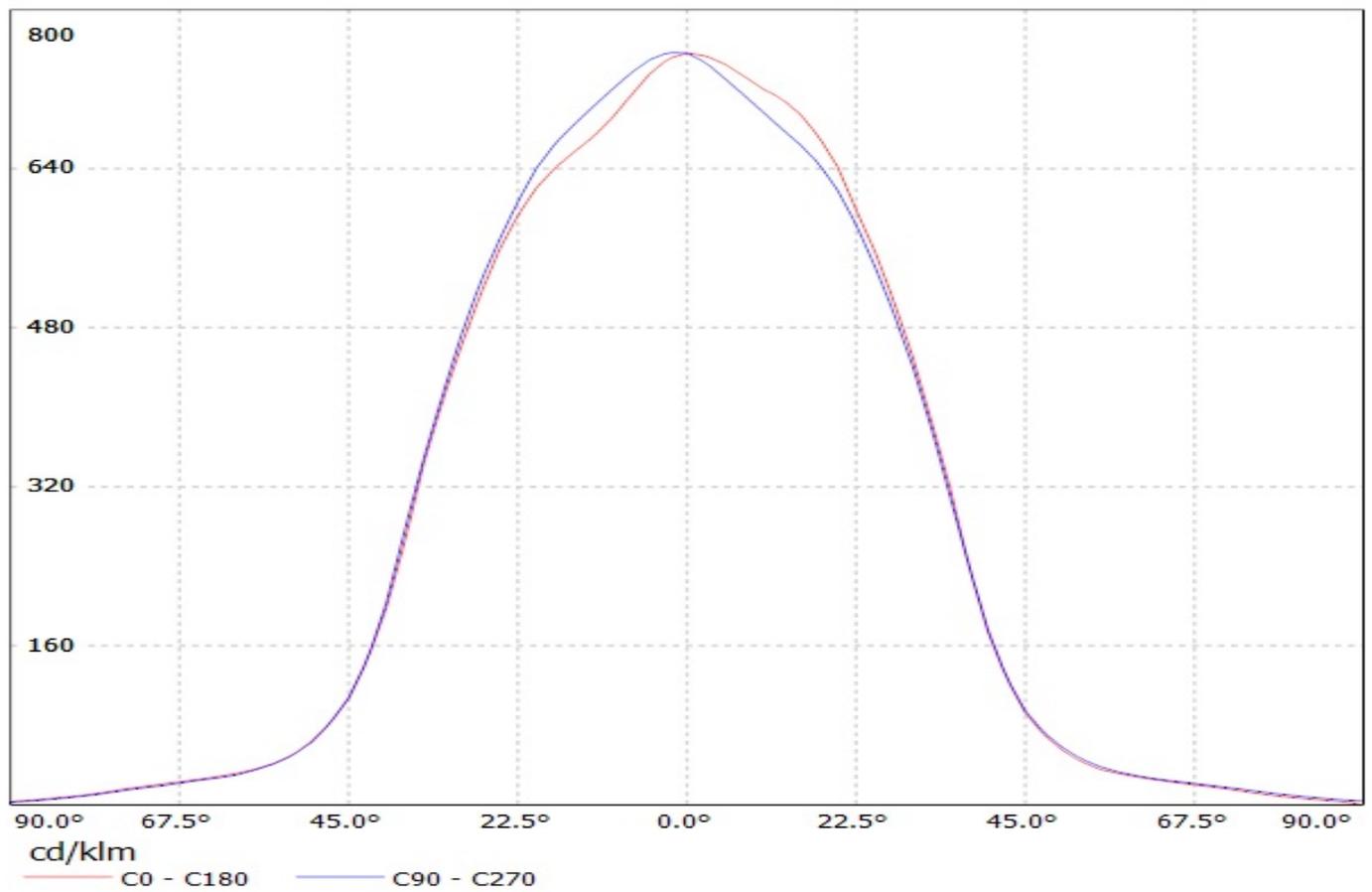
Lamps: 2 x Nichia_NVSL219CE_101.227lm@250mA_P=0.713404W_I=0.25A



Luminaire: Ledil Oy CA12427_TINA3-WW (Osram Square EC 66lm @ 250mA) Efficiency=87%
Lamps: 1 x Osram Square EC 66lm @ 250mA

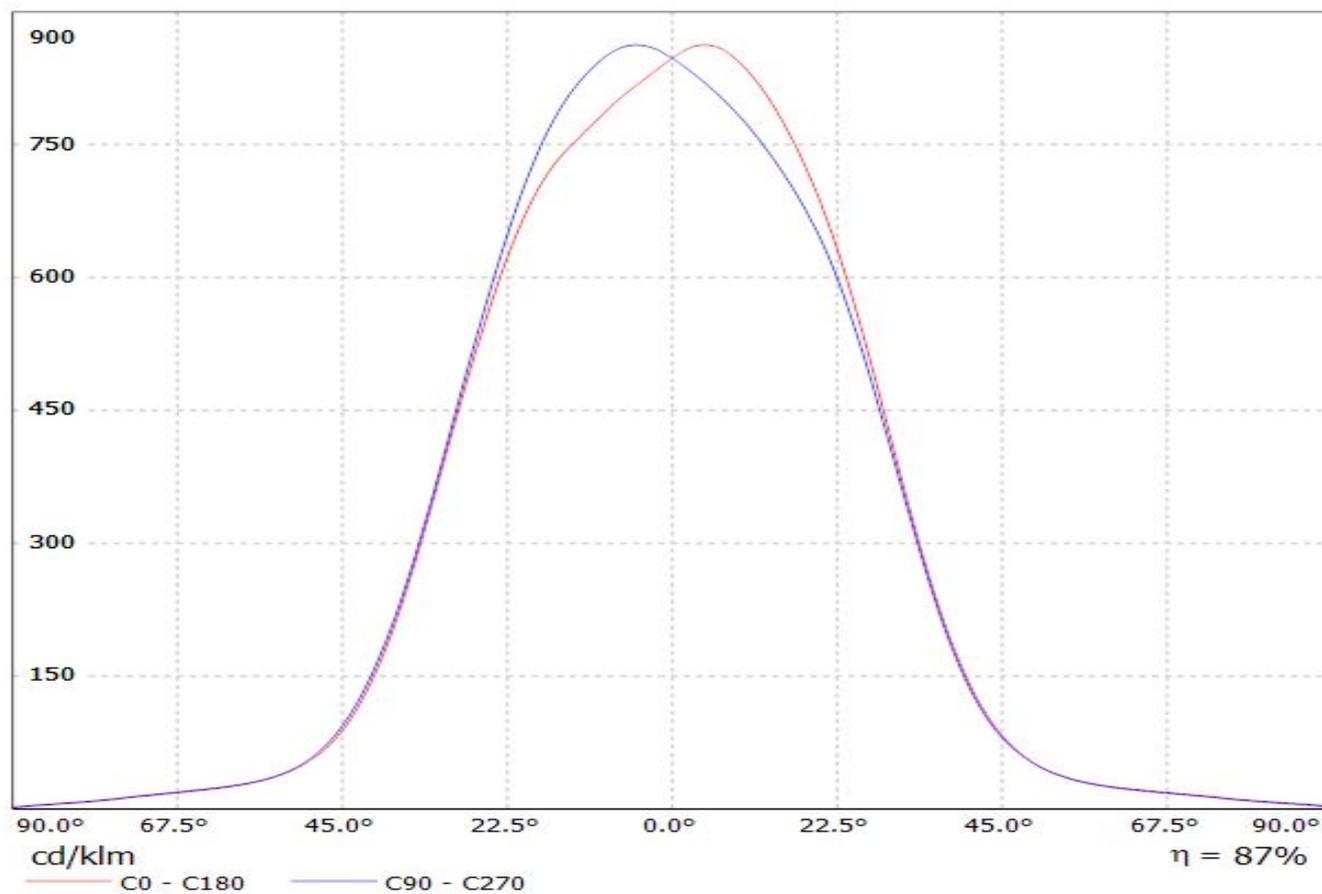


Luminaire: Ledil Oy CA12427_TINA3-WW_(LH351Z) Efficiency=88%
Lamps: 1 x Samsung LH351Z (90.14lm @ 250mA) CCT=6500K P=0.7W I=250mA

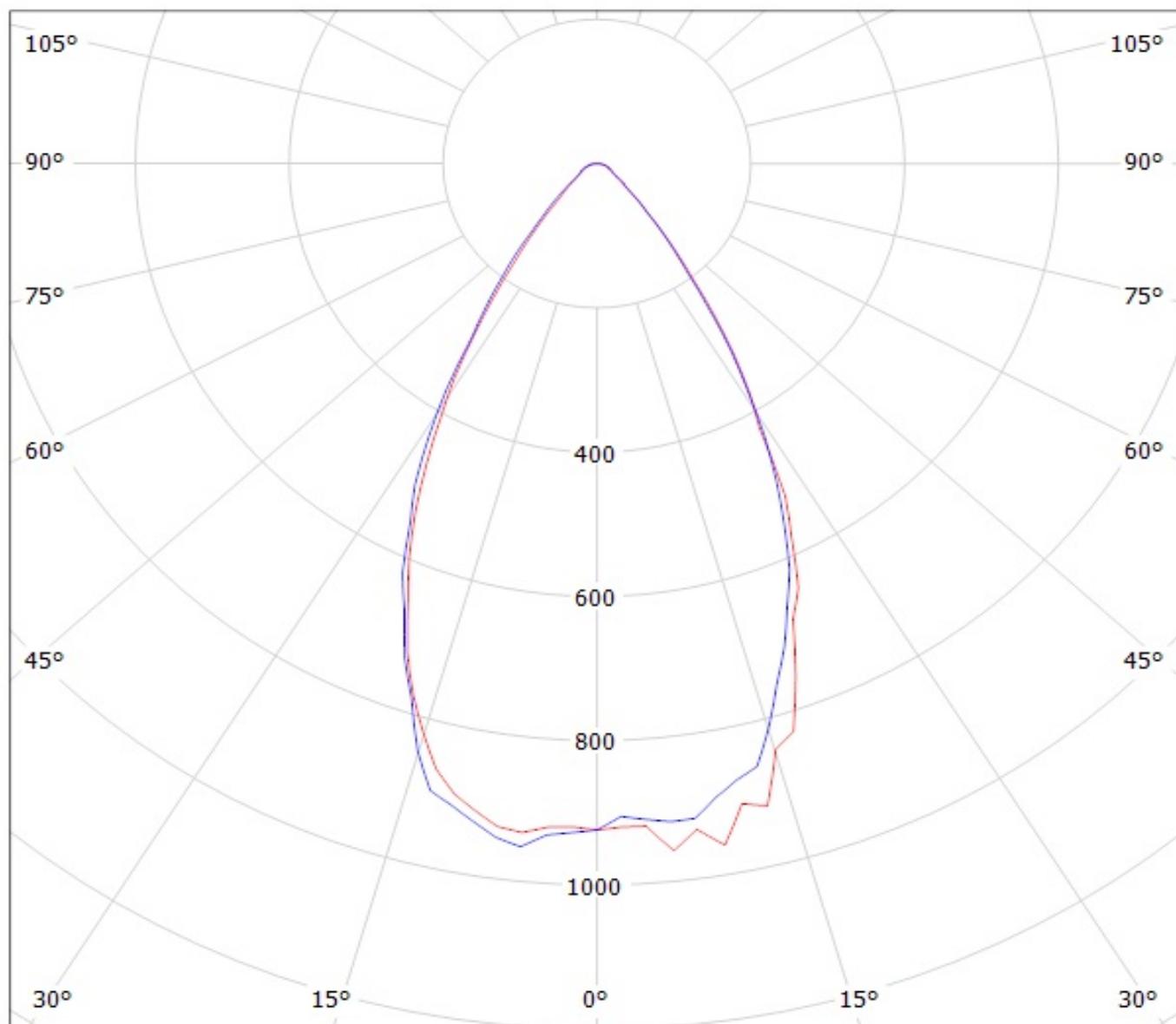


Luminaire: LEDiL Oy CA12427_TINA3-WW_(LH351B)

Lamps: 1 x SAMSUNG_LH351B_107.366lm@250mA_P=2.9308W_I=249.9mA



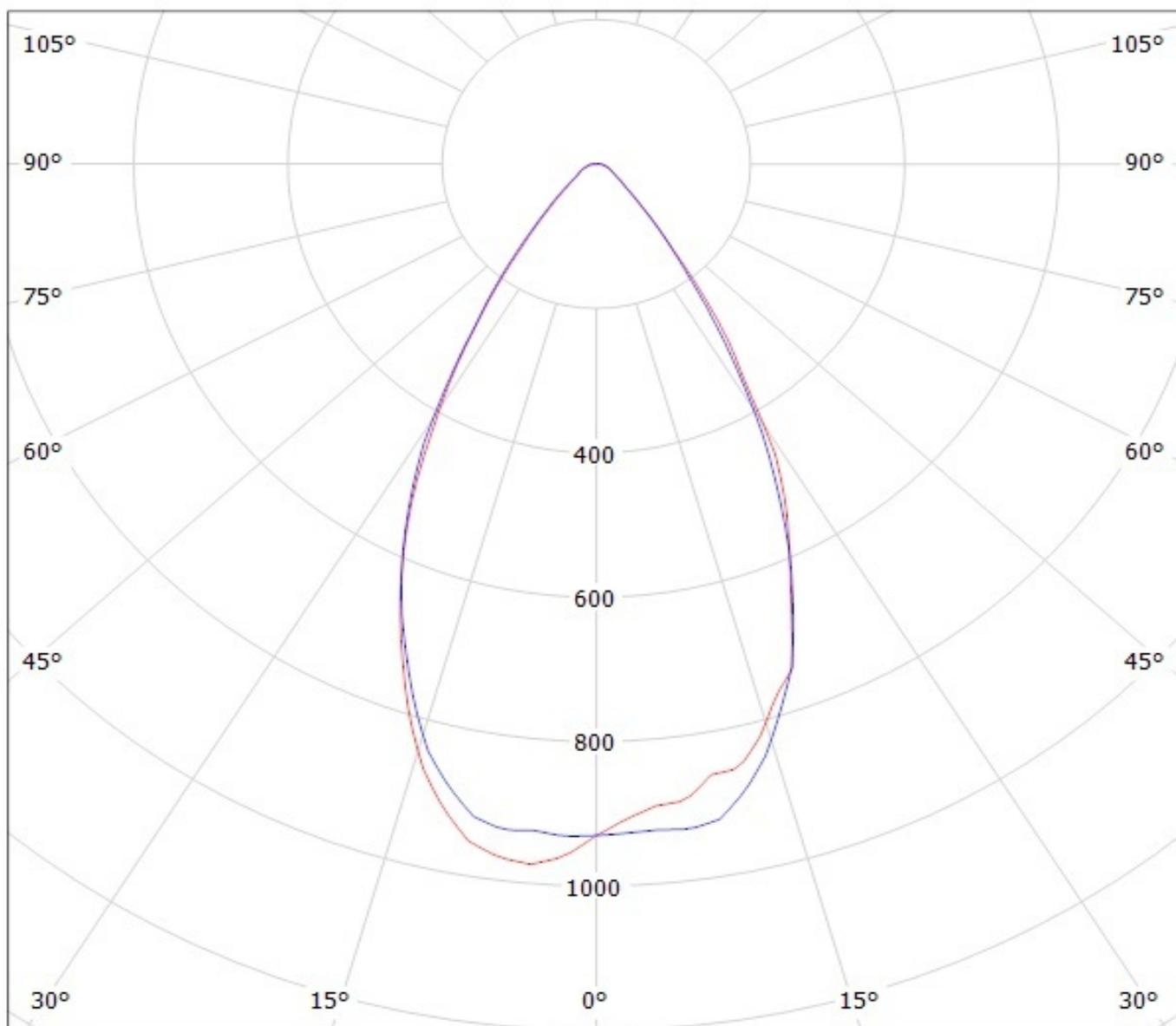
Luminaire: Ledil Oy CA12427_TINA3-WW (Cree XP-G 68lm @ 250mA) Efficiency=89%
Lamps: 1 x Cree XP-G 68lm @ 250mA



cd/klm

— C0 - C180 — C90 - C270

Luminaire: Ledil Oy CA12427_TINA3-WW (Cree XP-G2 98.8lm @ 250mA) Efficiency=90%
Lamps: 1 x Cree XP-G2 98.8lm @ 250mA

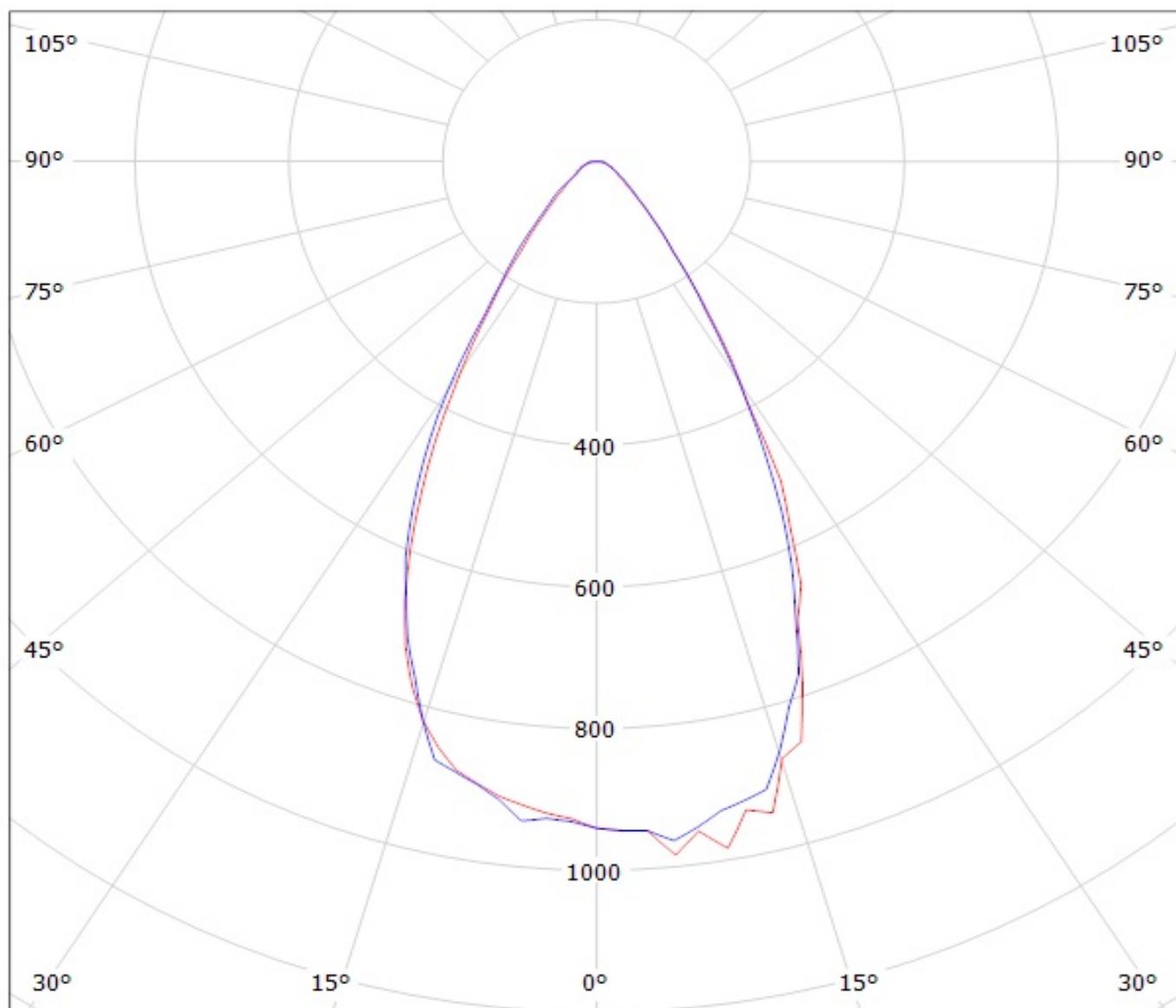


cd/klm

— C0 - C180

— C90 - C270

Luminaire: Ledil Oy CA12427_TINA3-WW (Cree XT-E 98lm @ 250mA) Efficiency=87%
Lamps: 1 x Cree XT-E 98lm @ 250mA

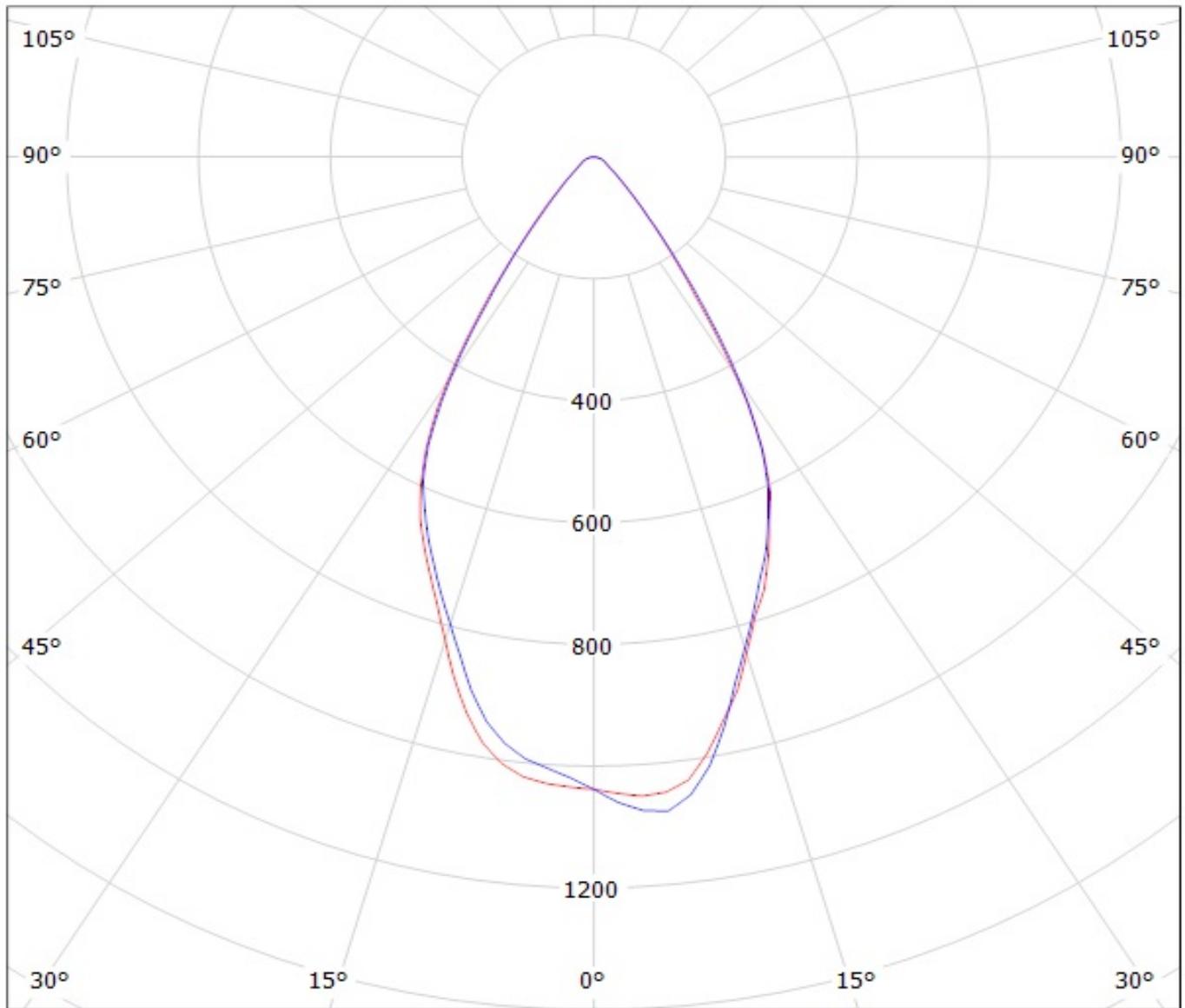


cd/klm

— C0 - C180

— C90 - C270

Luminaire: LEDIL CA12427_TINA3-WW_(XP-E2) Efficiency=89%
Lamps: 1 x Cree Xp-E2 (93lm @ 250mA) CCT=5600K P=0.8W I=250mA

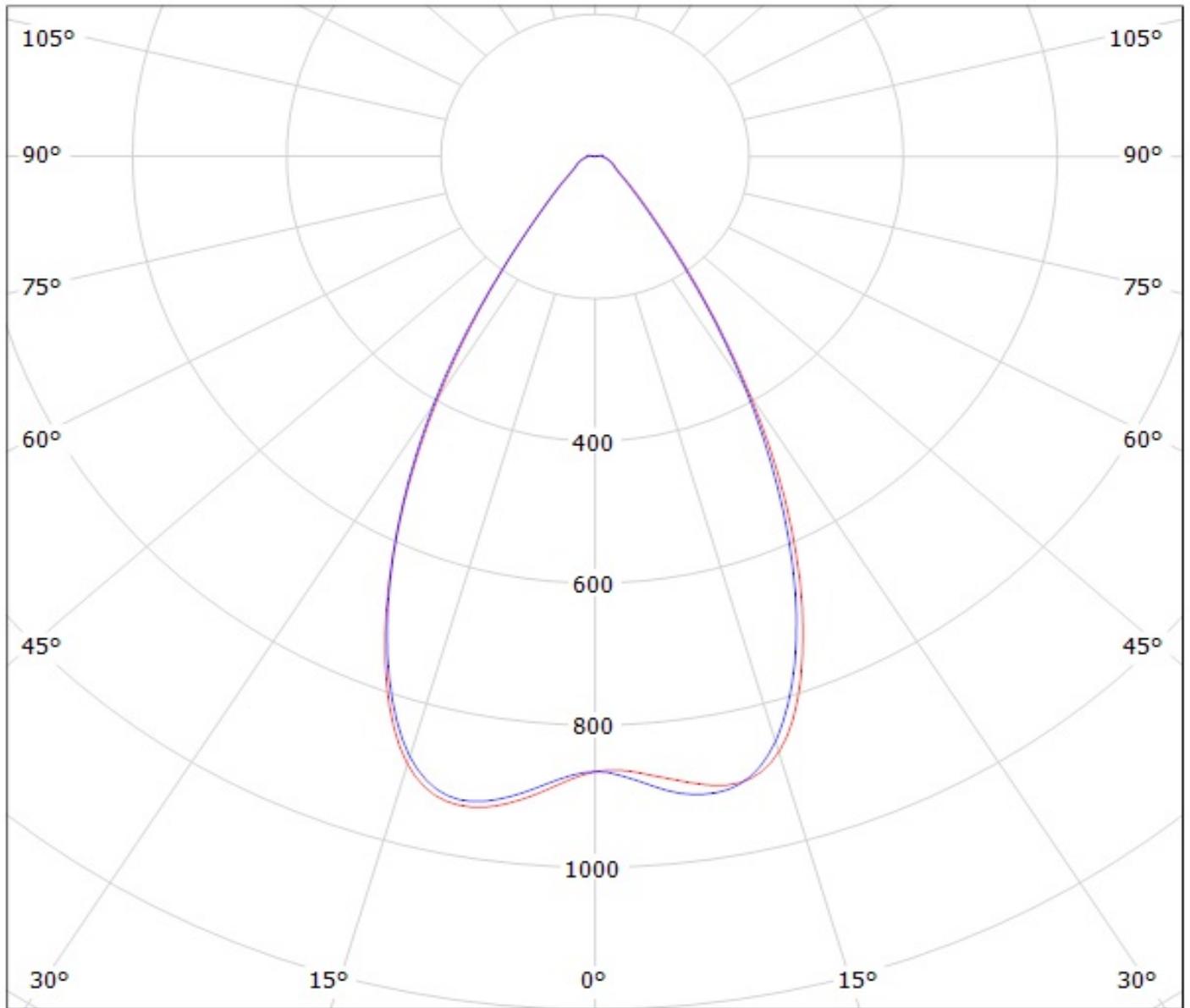


cd/klm

— C0 - C180 — C90 - C270

Luminaire: LEDiL Oy CA12427_TINA3-WW_(XP-L_HI)

Lamps: 1 x Cree_XP-L_HI_113.703lm@250mA_P=0.743328W_I=0.2499A



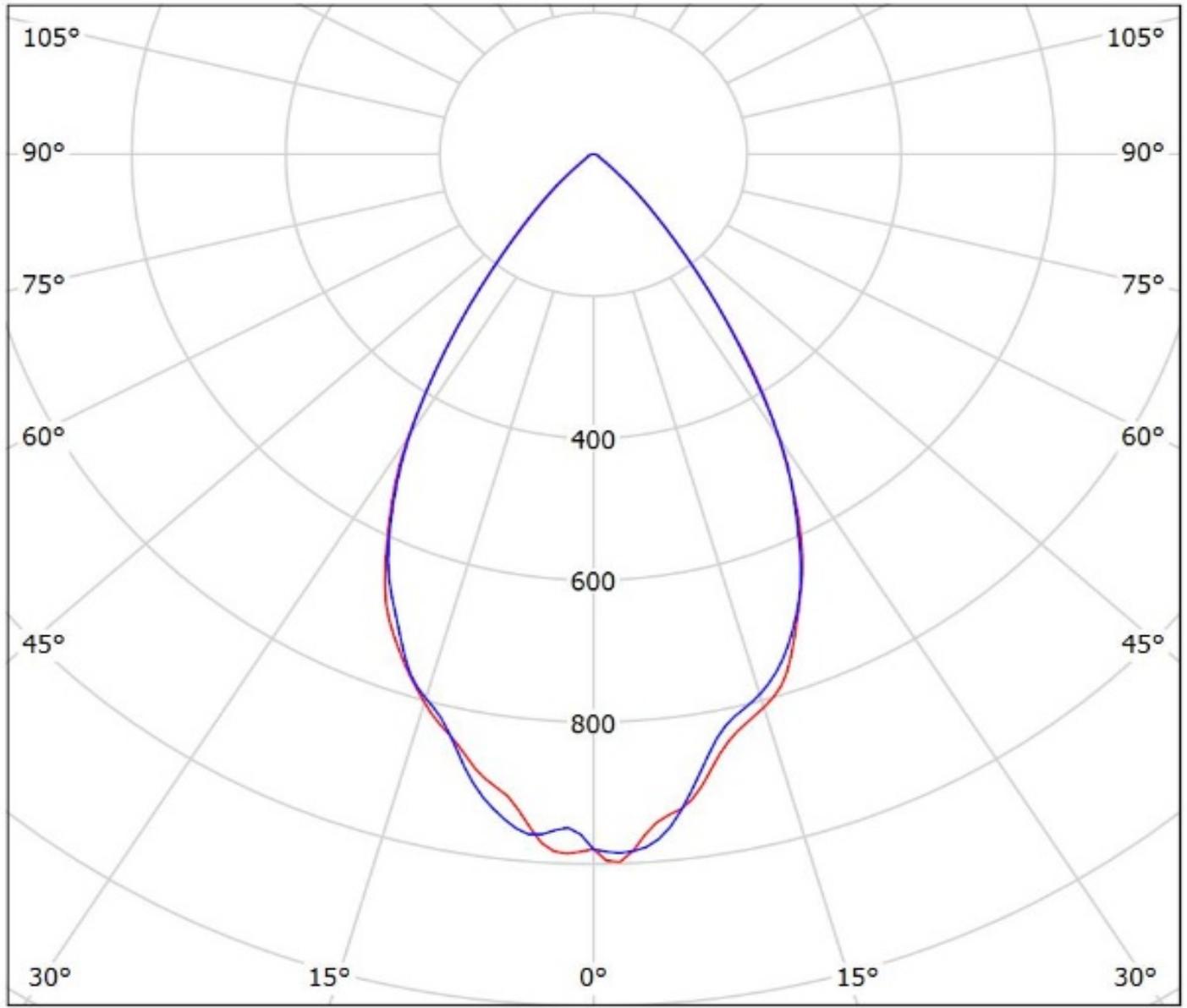
cd/klm

— C0 - C180

— C90 - C270

$\eta = 92\%$

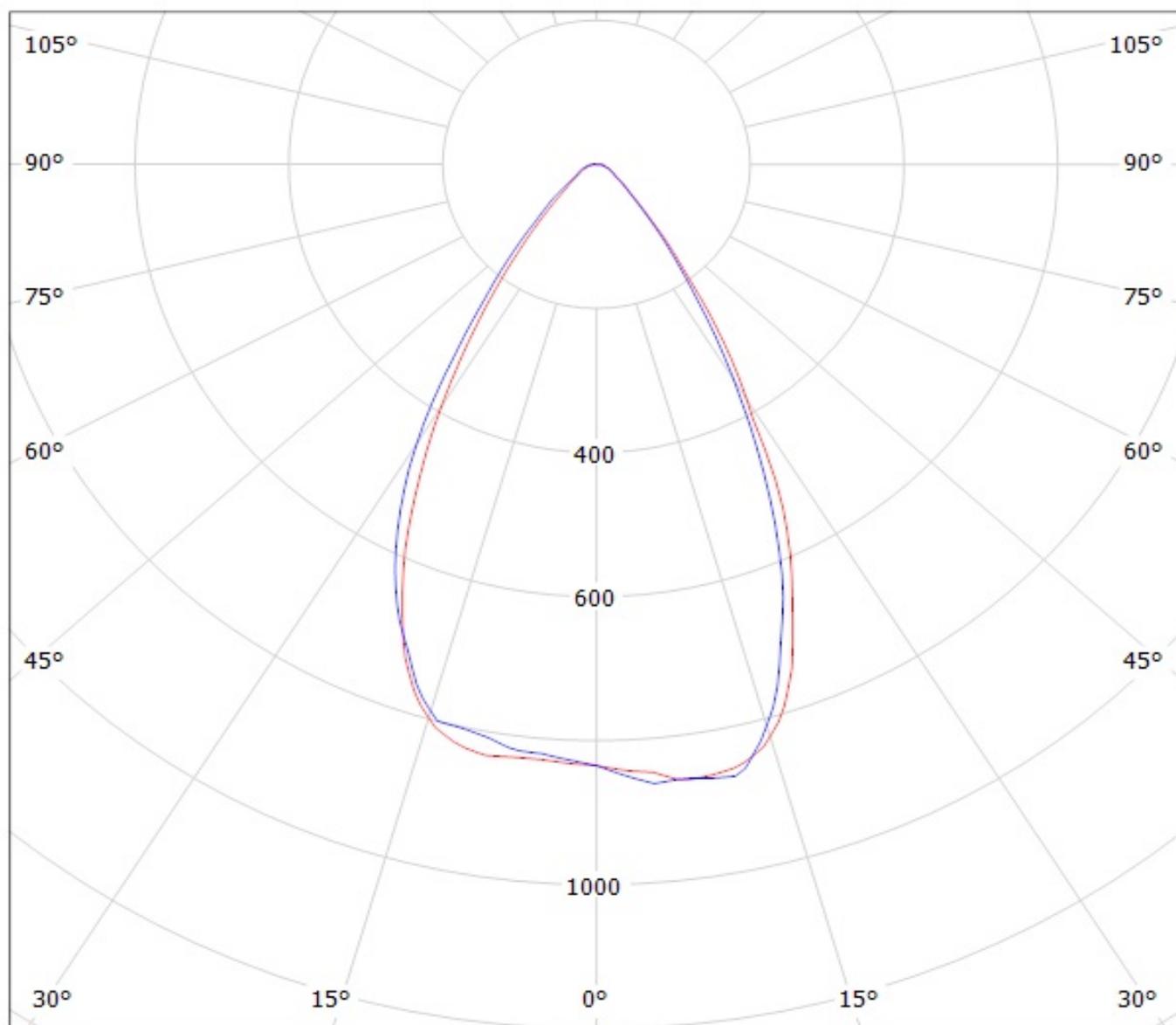
Luminaire: Ledil Oy CA12427_TINA3-WW_(XHP35_HI)_SIMULATED
Lamps: 1 x Cree XHP35 HI



cd/klm
— C0 - C180 — C90 - C270

$\eta = 93\%$

Luminaire: Ledil Oy CA12427_TINA3-WW (Luxeon A 64lm @ 250mA) Efficiency=89%
Lamps: 1 x Luxeon A 64lm @ 250mA



cd/klm

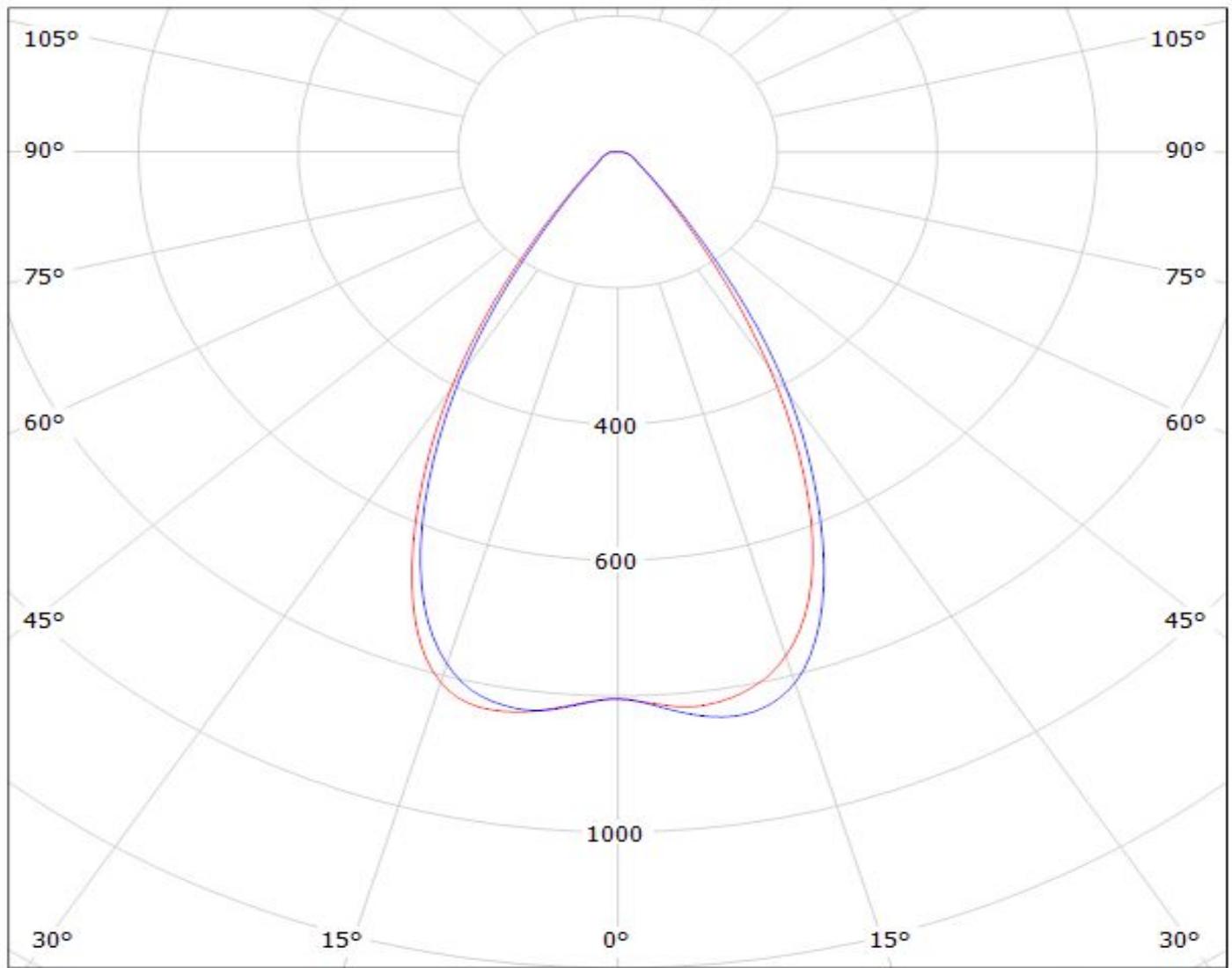
— C0 - C180

— C90 - C270

LEDiL Oy CA12427_TINA3-WW_(LUXEON_T)_3 Eff.87.6% / LDC (Polar)

Luminaire: LEDiL Oy CA12427_TINA3-WW_(LUXEON_T)_3 Eff.87.6%

Lamps: 1 x LUXEON T (74lm@250mA)



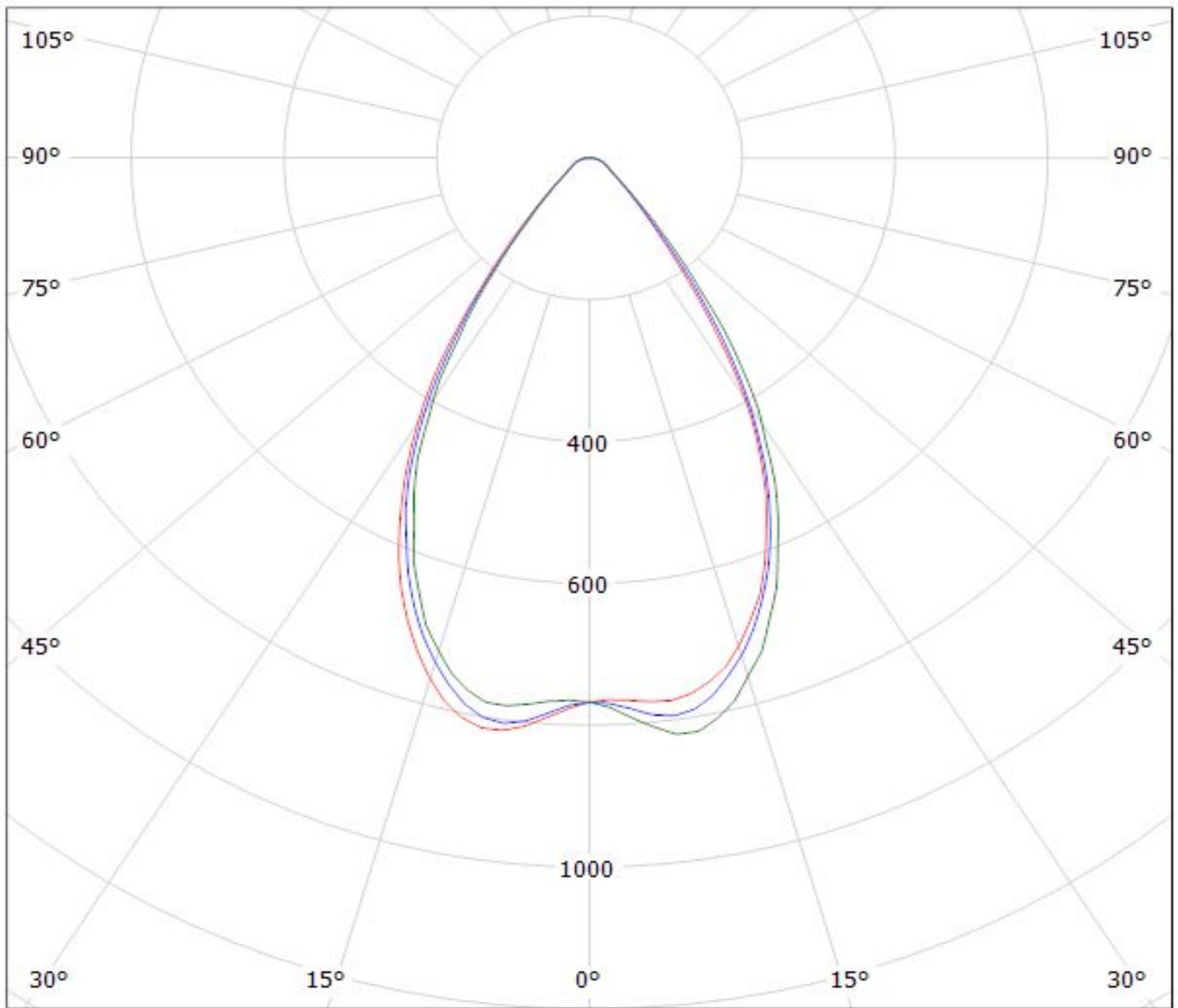
cd/klm

— C0 - C180

— C90 - C270

$\eta = 88\%$

Luminaire: Ledil Oy CA12427_TINA3-WW_(Luxeon_TX) Efficiency=87%
Lamps: 1 x Luxeon TX (L1T2-3585) 82lm @ 250mA CCT= P=0.73W I=250mA

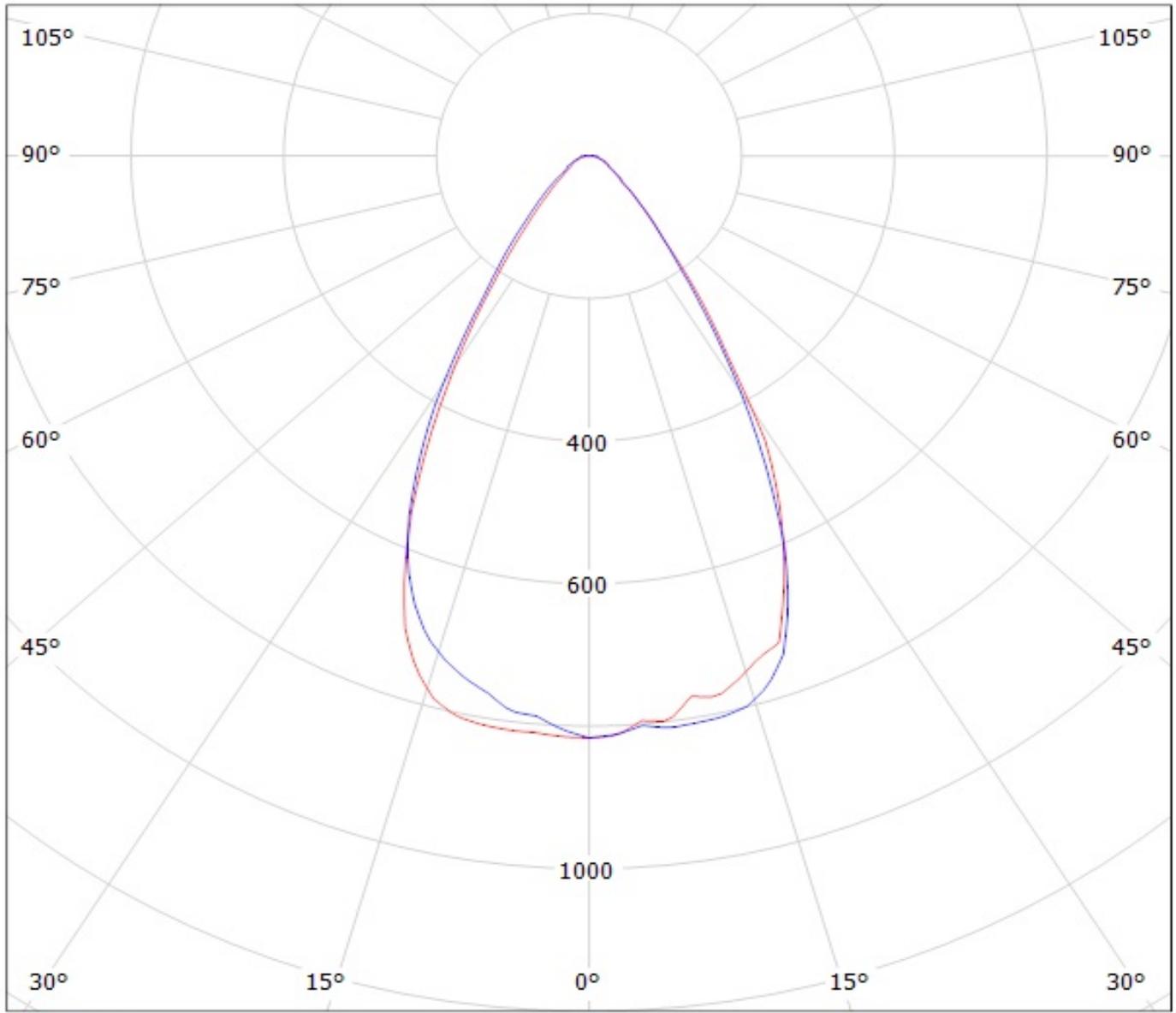


cd/klm

— C0 - C180 — C90 - C270 — C210 - C30

$\eta = 88\%$

Luminaire: Ledil Oy CA12427_TINA3-WW (Nichia NVS19 92lm @ 250mA) Efficiency=86%
Lamps: 1 x Nichia NVS19 92lm @ 250mA

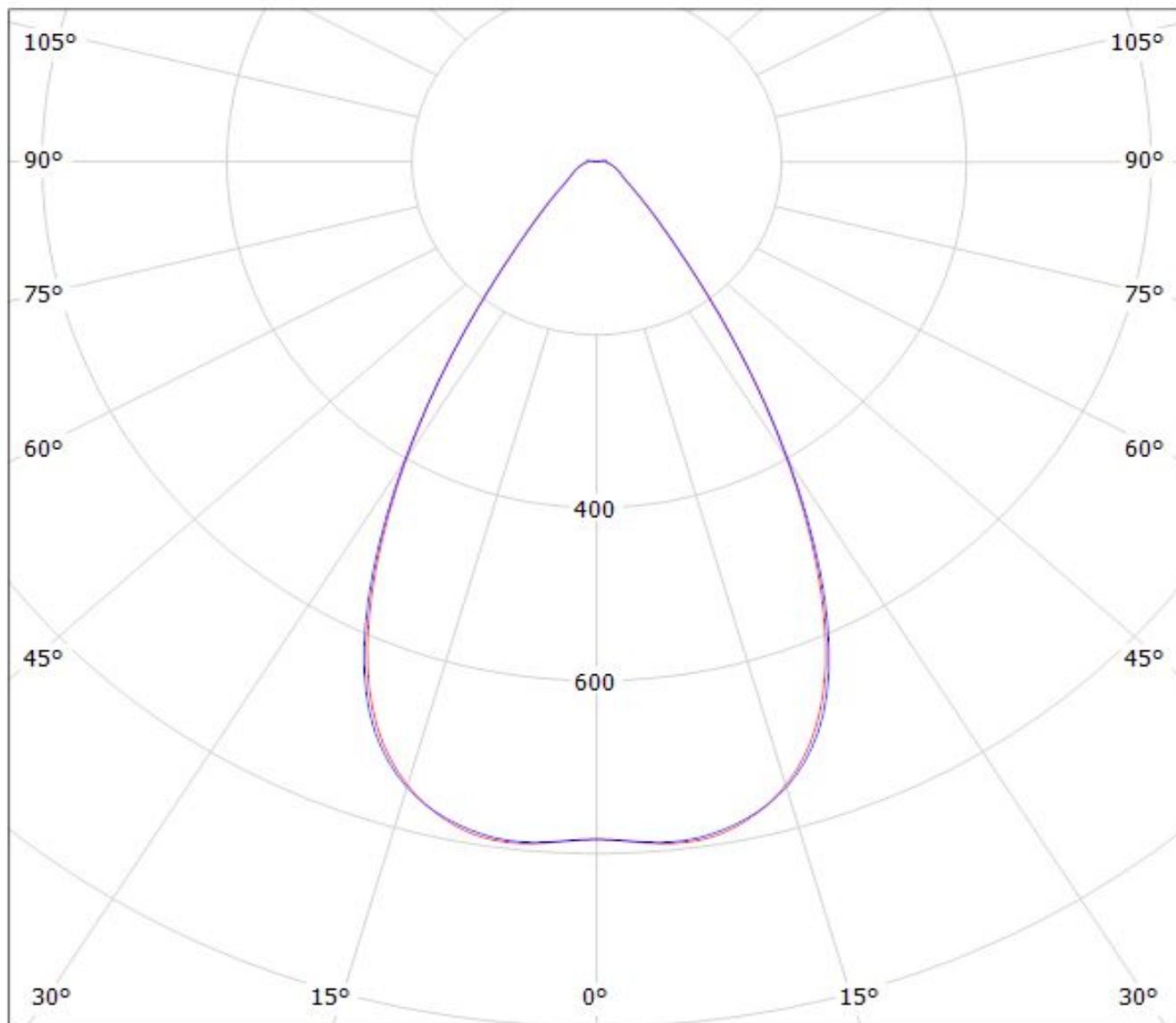


cd/klm

— C0 - C180 — C90 - C270

Luminaire: LEDiL Oy CA12427_TINA3-WW_(NVSL219CE)

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



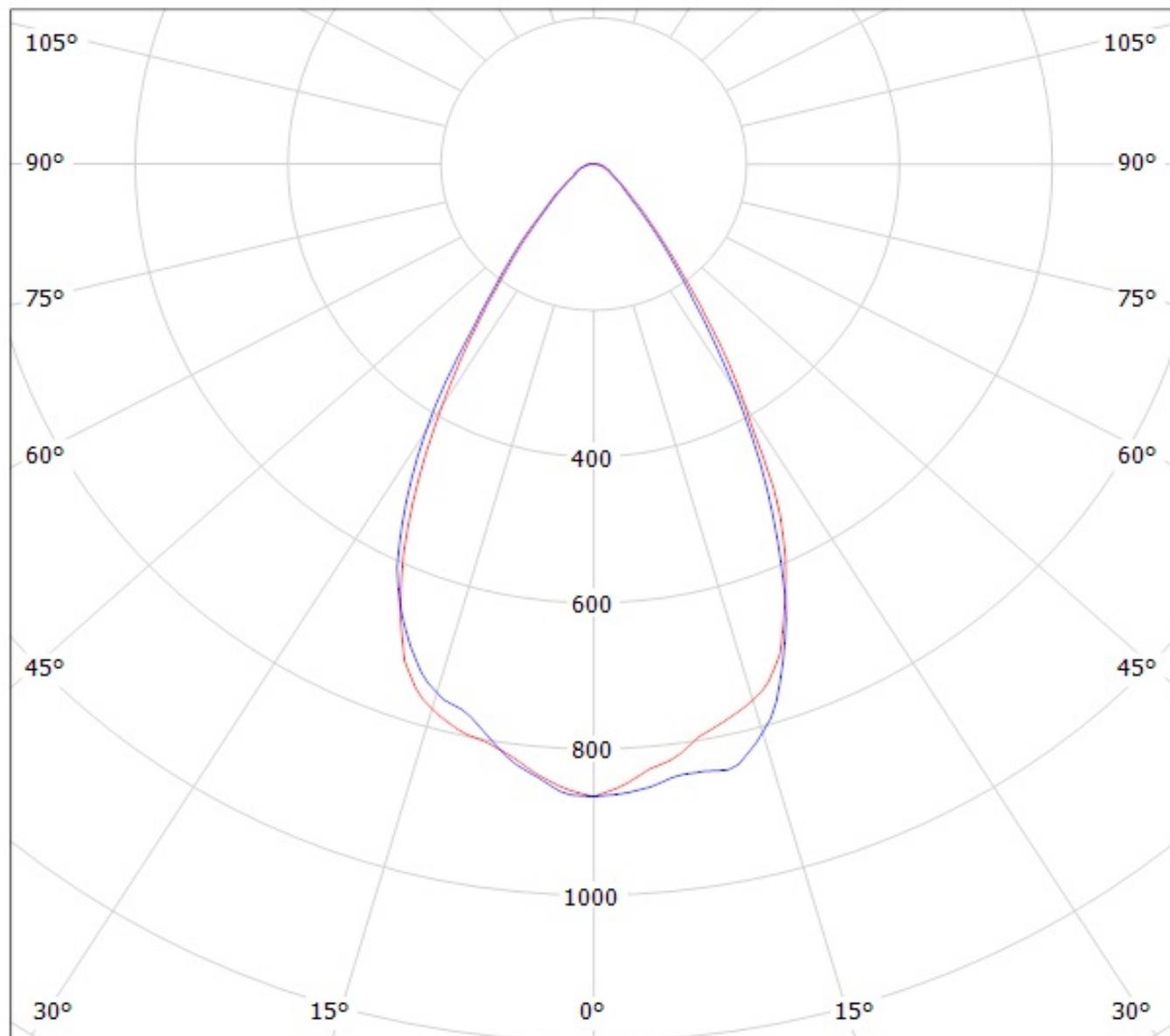
cd/klm

— C0 - C180

— C90 - C270

$\eta = 91\%$

Luminaire: Ledil Oy CA12427_TINA3-WW (Osram Square EC 66lm @ 250mA) Efficiency=87%
Lamps: 1 x Osram Square EC 66lm @ 250mA

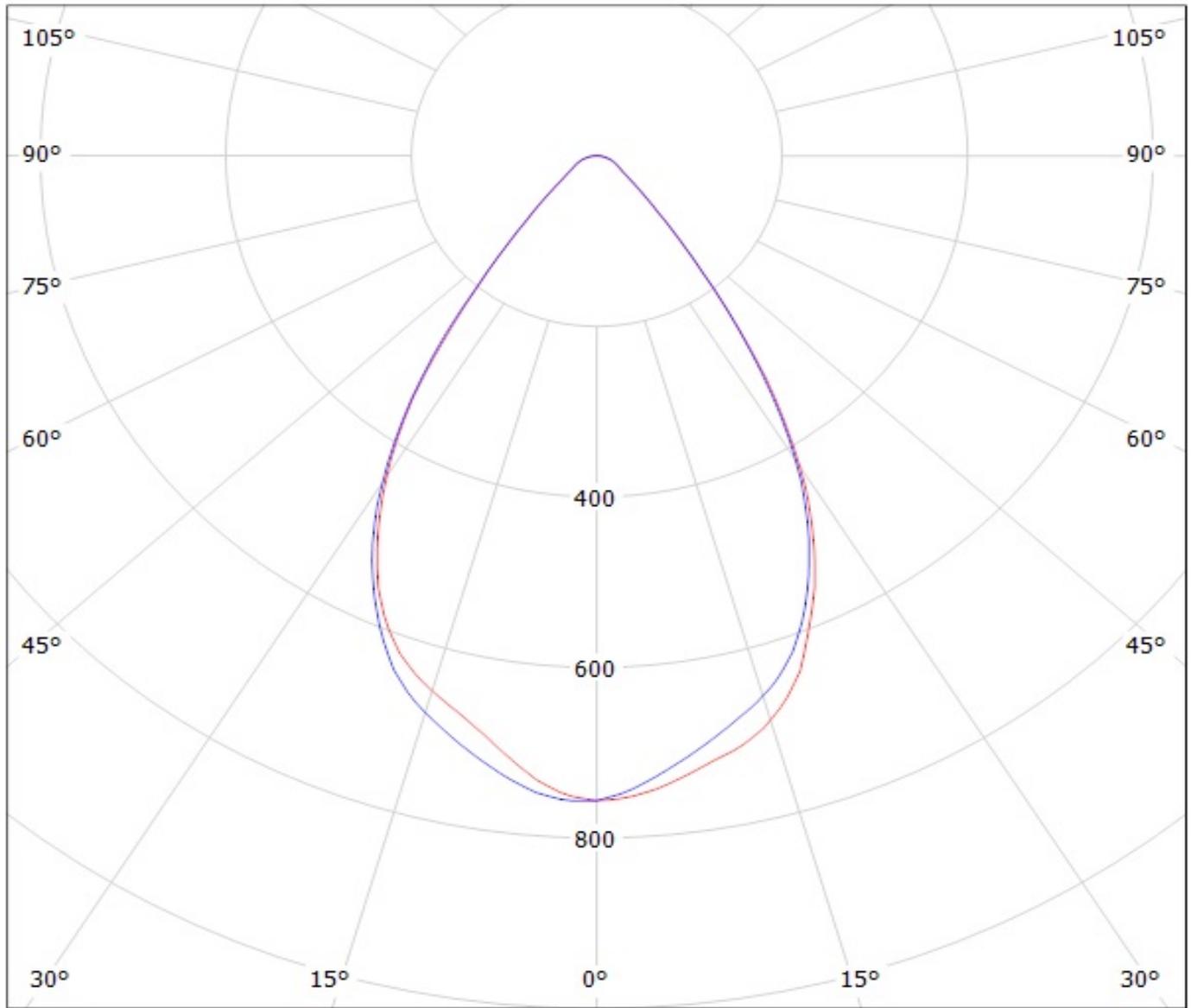


cd/klm

— C0 - C180

— C90 - C270

Luminaire: Ledil Oy CA12427_TINA3-WW_(LH351Z) Efficiency=88%
Lamps: 1 x Samsung LH351Z (90.14lm @ 250mA) CCT=6500K P=0.7W I=250mA



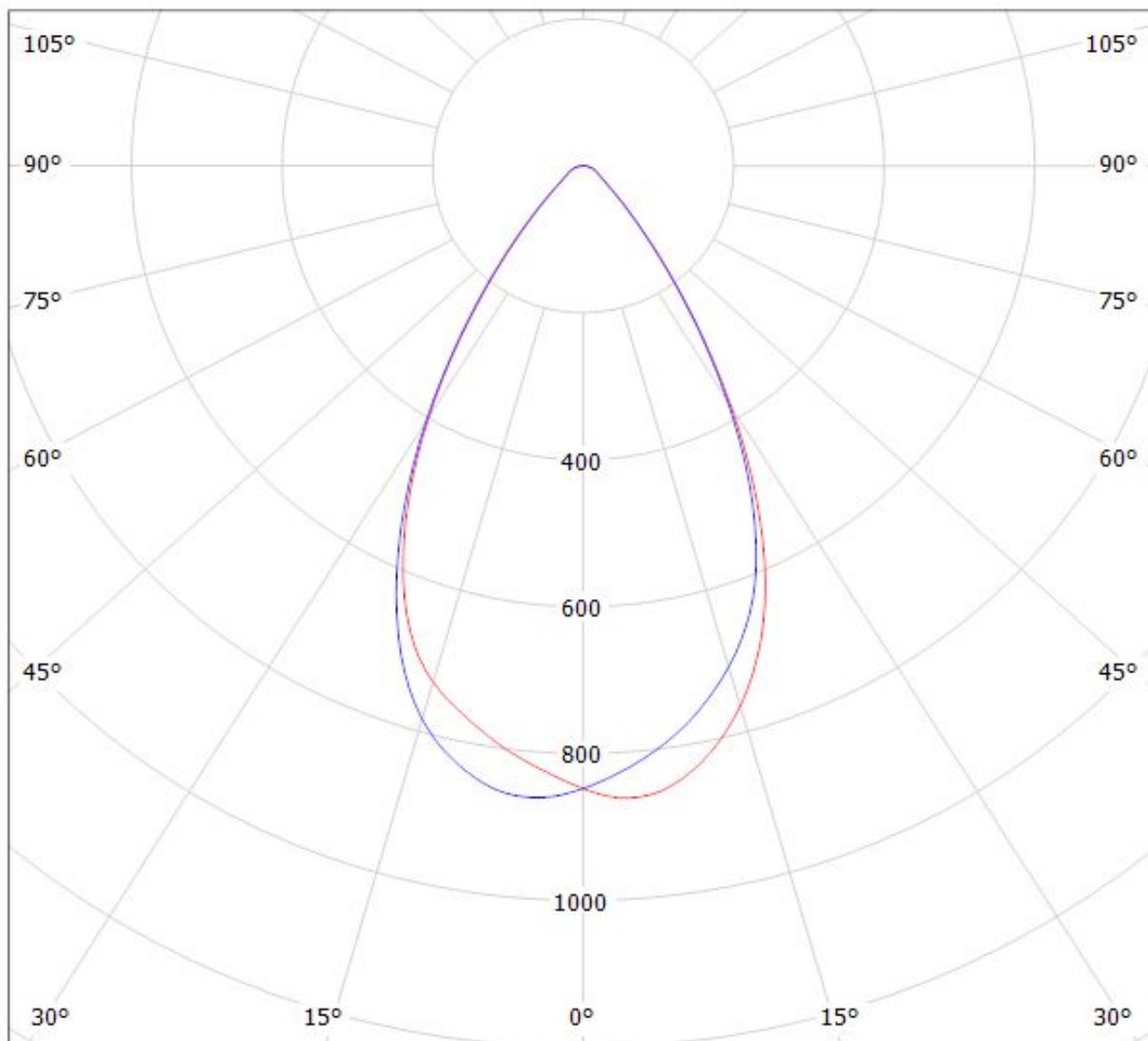
cd/klm

— C0 - C180

— C90 - C270

Luminaire: LEDiL Oy CA12427_TINA3-WW_(LH351B)

Lamps: 1 x SAMSUNG_LH351B_107.366lm@250mA_P=2.9308W_I=249.9mA



cd/klm

— C0 - C180

— C90 - C270

$\eta = 87\%$

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.