PRODUCT DATASHEET
Tina3 series
last update 12/8/2014

DETAILS

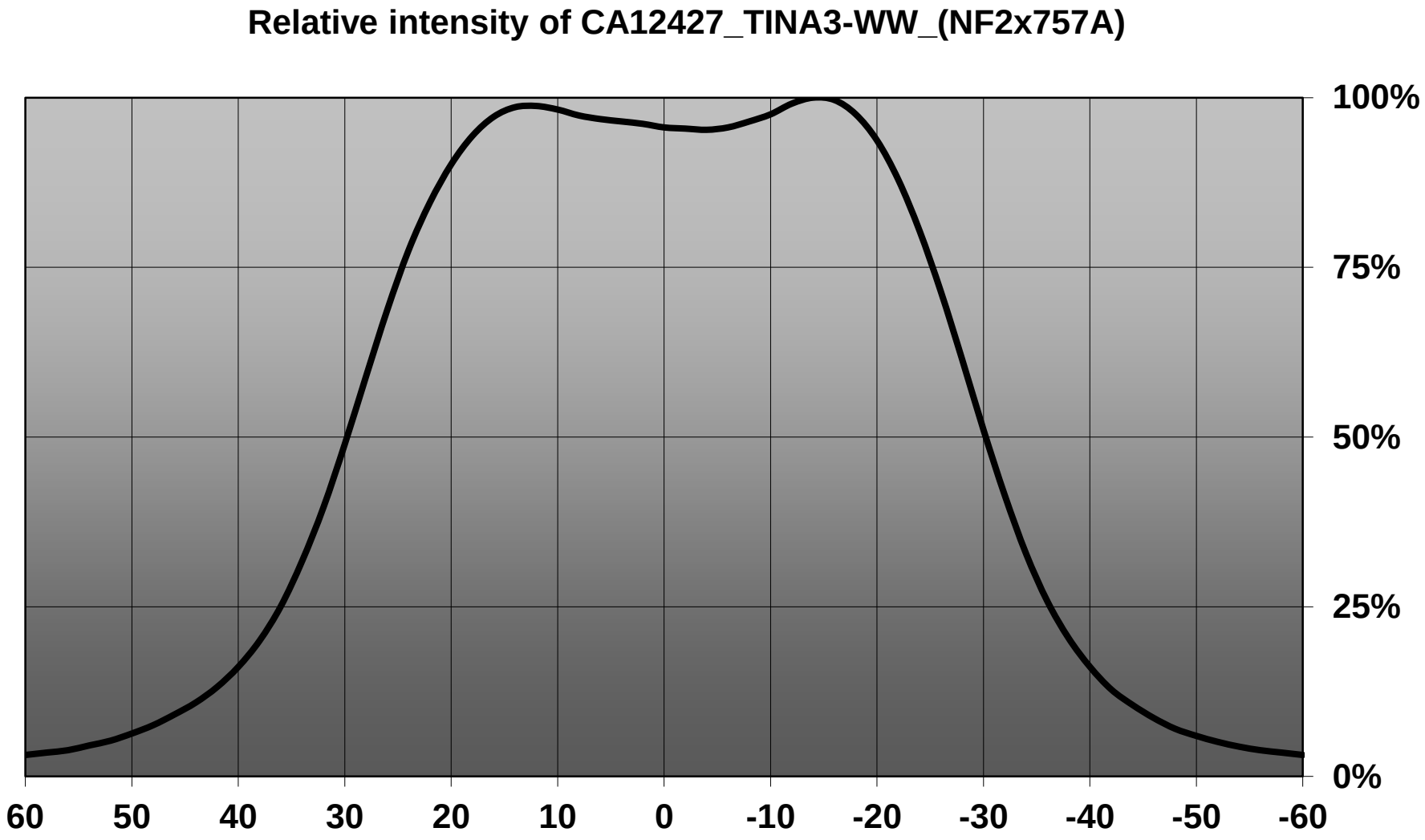
Product Number	CA12427_TINA3-WW
Family	Tina3
Type	Assembly
Color	white
Diameter	16.1 mm
Height	6.9 mm
Style	round
Optic Material	PMMA
Holder Material	PC
Fastening	pin, tape
Status	ready
ROHS Comliant	Yes
Date Updated	22/05/2014

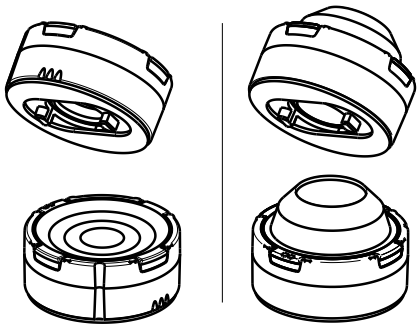
OPTICAL PROPERTIES

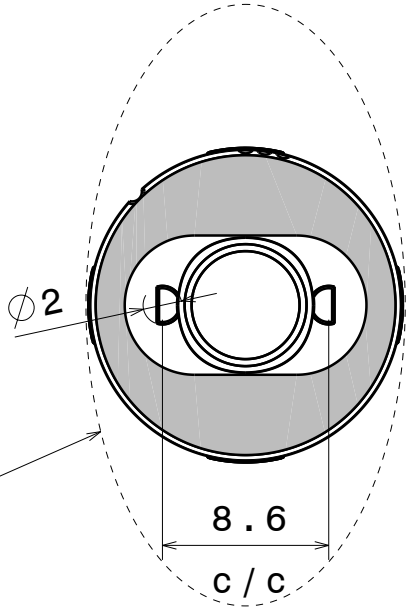
LED	Viewing Angle	Light Beam	Effi-ciency	cd/lm	Connector
LUXEON H50-2	sim: 64	Very Wide	sim: 87 %	sim: 0.850	-
XT-E	56 deg	Very Wide	87 %	1.000	-
XP-L HI	58 deg	Very Wide	92 %	0.940	-
XP-G	58 deg	Very Wide	89 %	1.000	-
XP-E2	58 deg	Very Wide	89 %	1.100	-
LUXEON A	58 deg	Very Wide	89 %	0.900	-
Oslon Square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

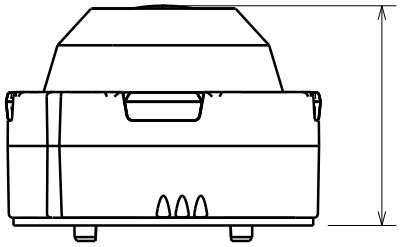
Ledil Oy
Salorankatu 10
24240 SALO, Finland

http://www.ledil.com
email: ledil@ledil.com
FAX: +358-2-733 8001

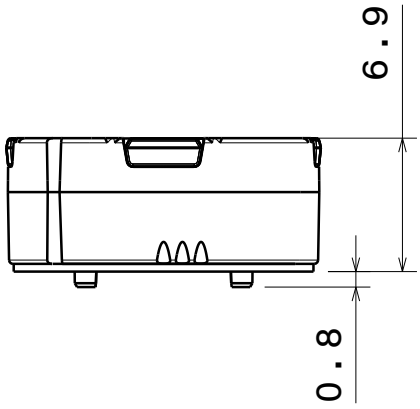

Relative intensity of CA12427_TINA3-WW_(NF2x757A)
100%
75%
50%
25%
0%
60
50
40
30
20
10
0
-10
-20
-30
-40
-50
-60

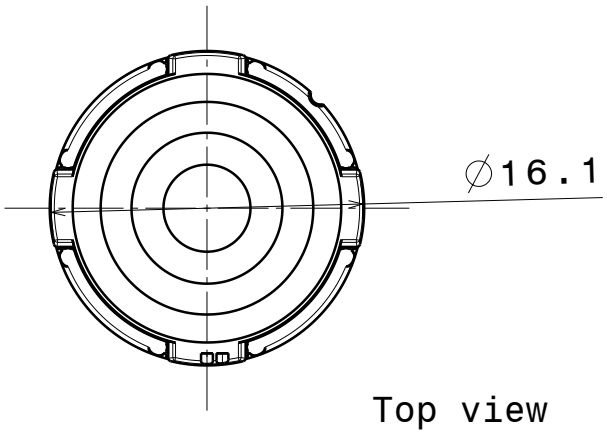






Spot version height





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:

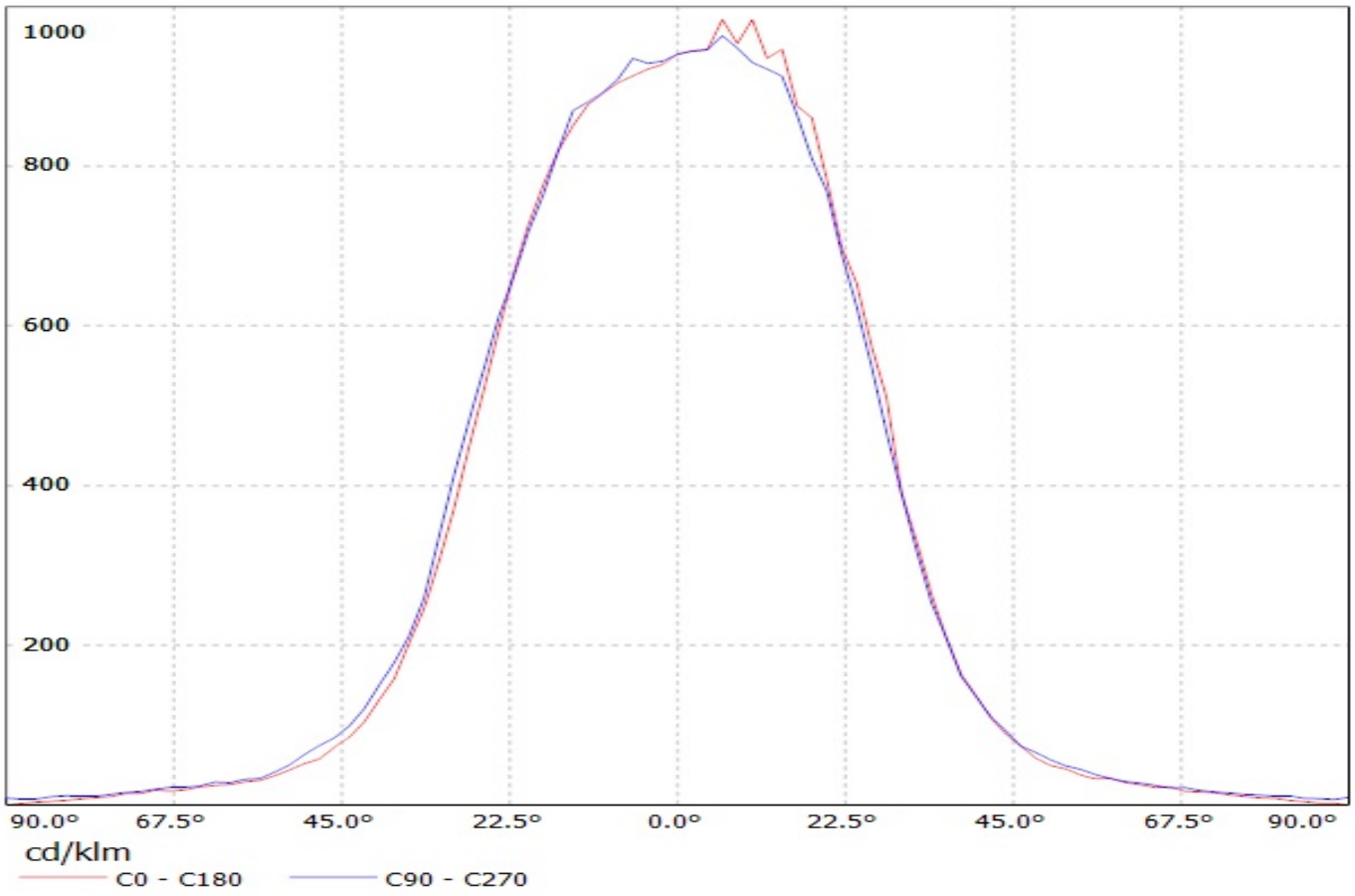
DRAWING TITLE

TINA3 Datasheet

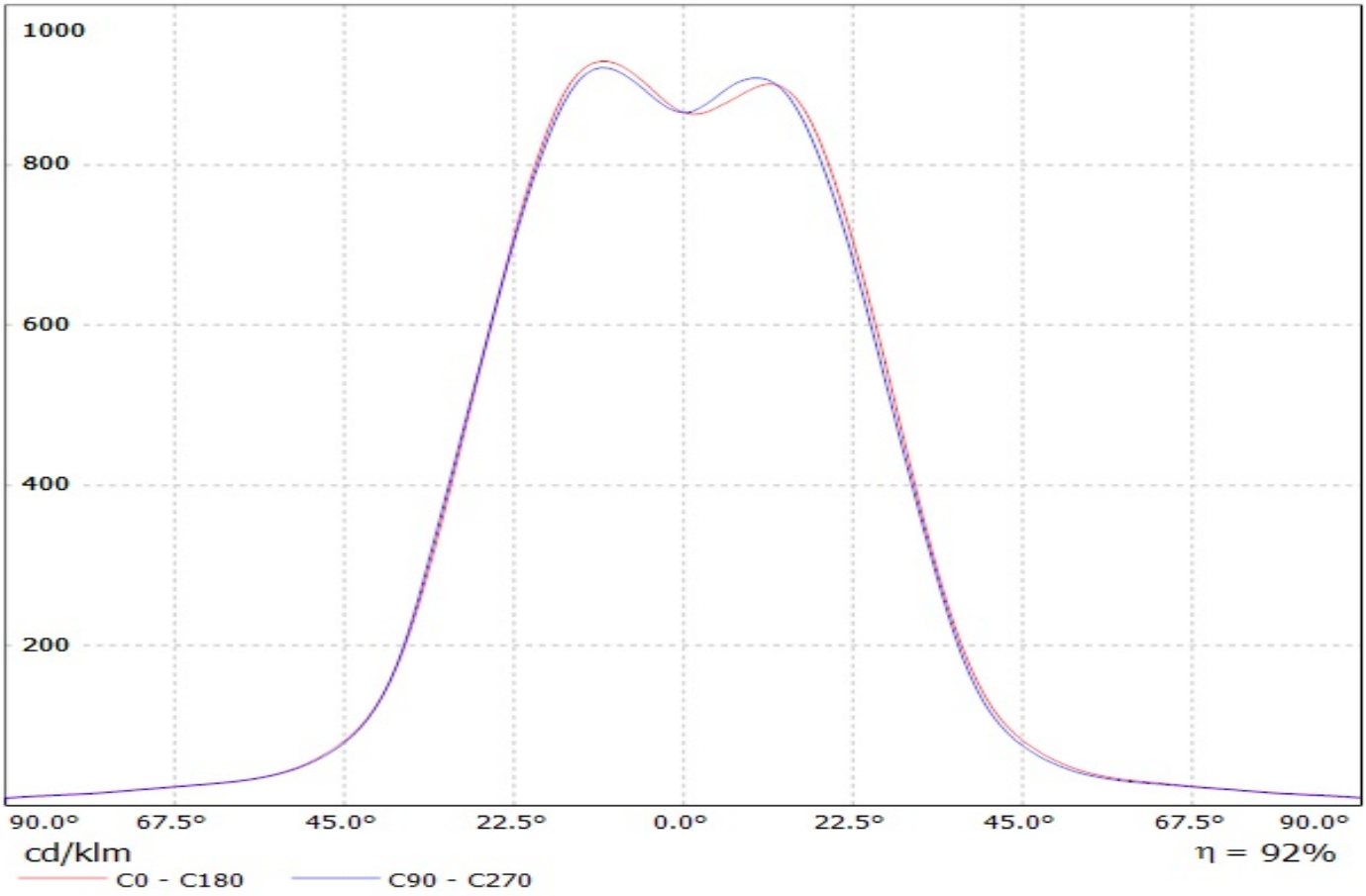
SIZE	PART NUMBER
A4	-

SCALE	WEIGHT		SHEET
4:3	-		1/1

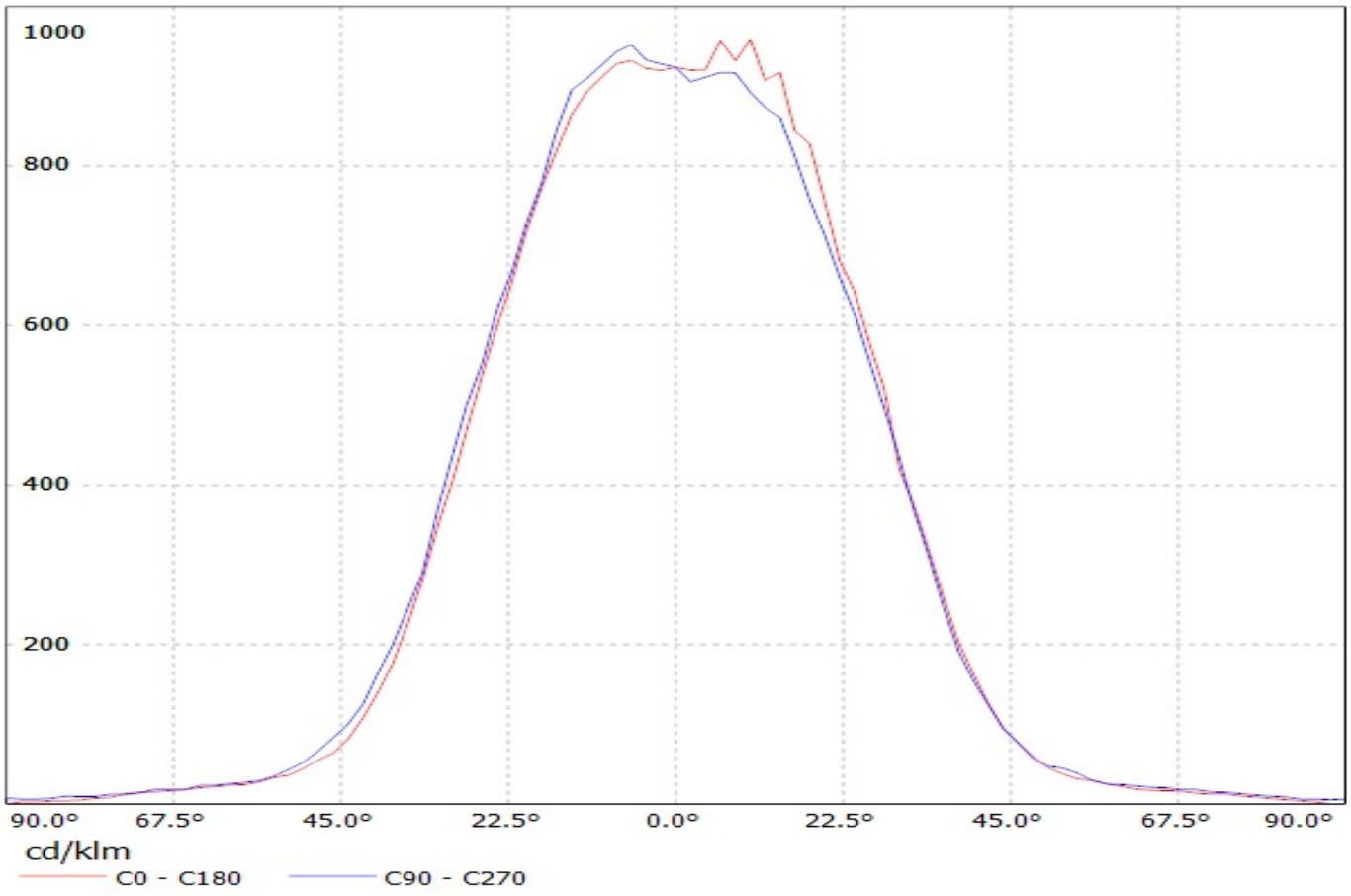
Luminaire: Ledil Oy CA12427_TINA3-WW (Cree XT-E 98lm @ 250mA) Efficiency=87%
Lamps: 1 x Cree XT-E 98lm @ 250mA



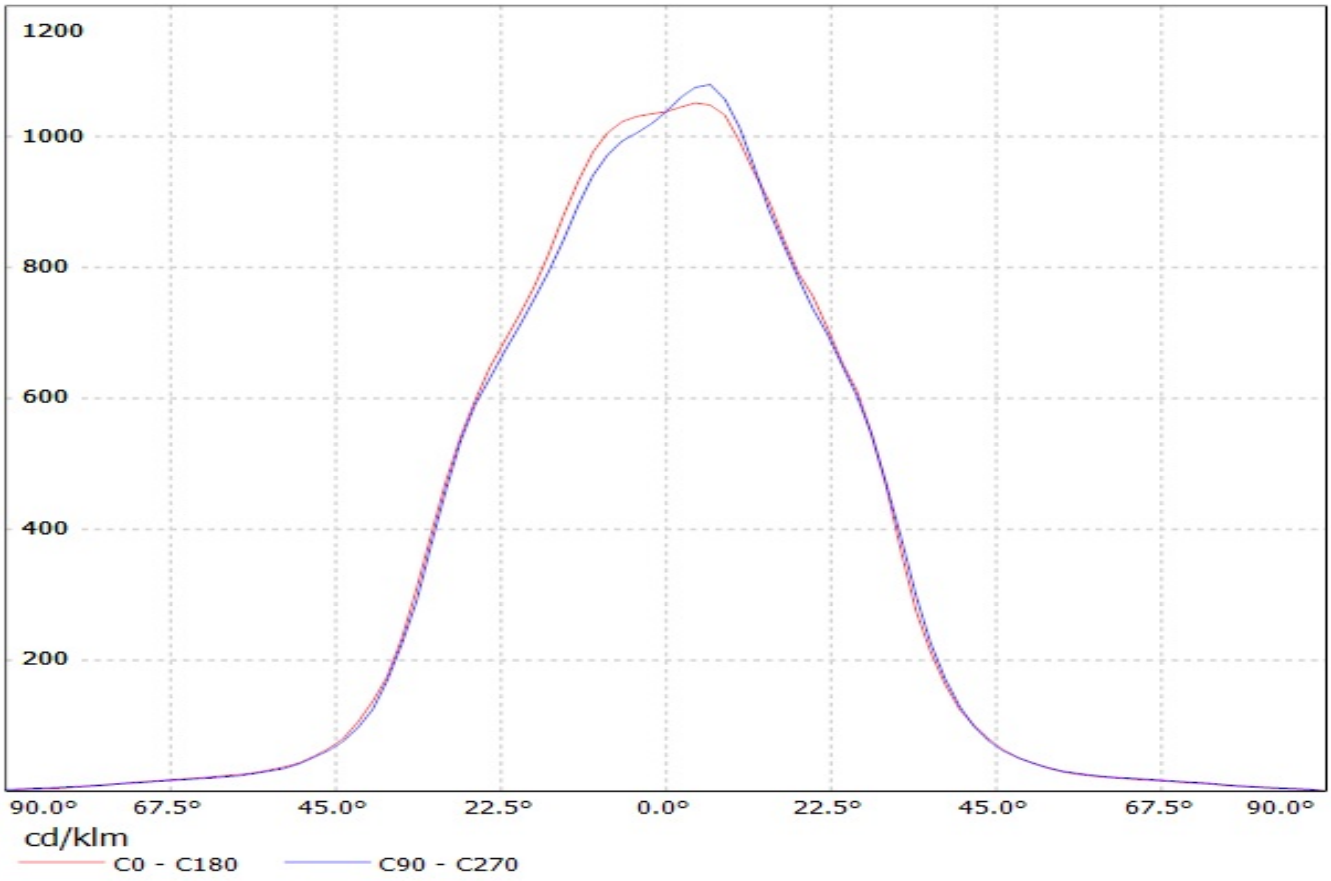
Luminaire: LEDiL Oy CA12427_TINA3-WW_(XP-L_HI)
Lamps: 1 x Cree_XP-L_HI_113.703lm@250mA_P=0.743328W_I=0.2499A



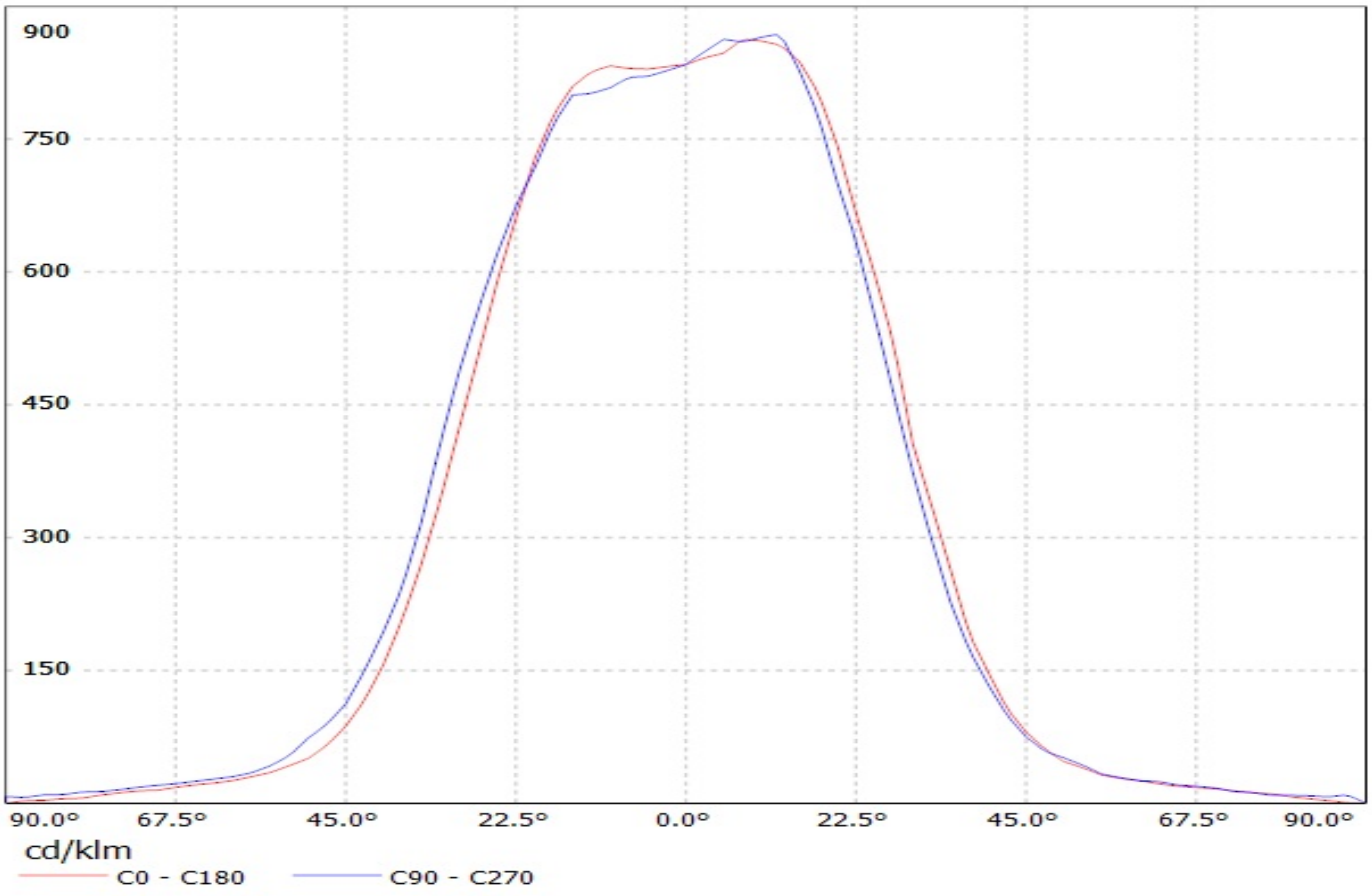
Luminaire: Ledil Oy CA12427_TINA3-WW (Cree XP-G 68lm @ 250mA) Efficiency=89%
Lamps: 1 x Cree XP-G 68lm @ 250mA



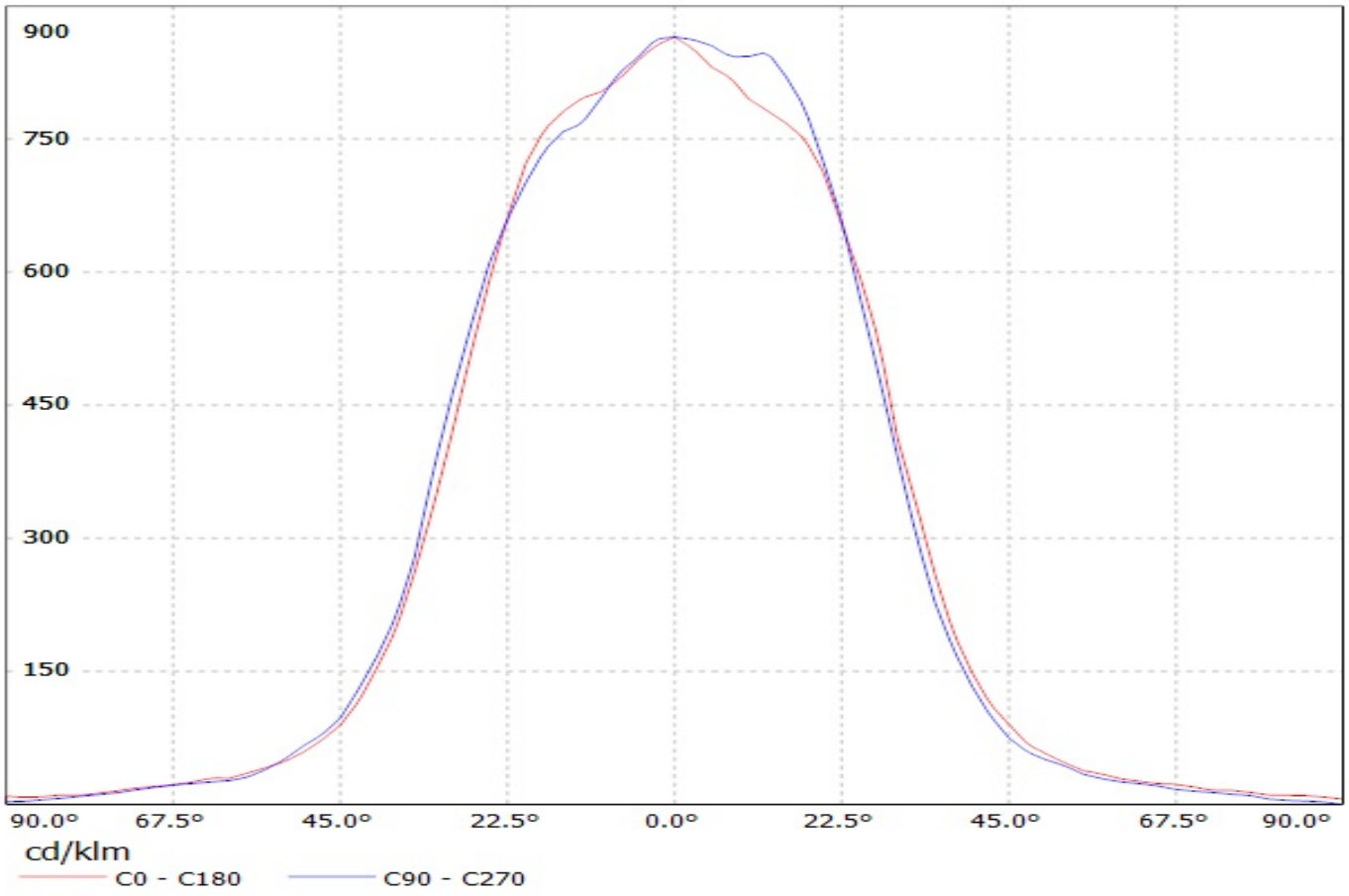
Luminaire: LEDIL CA12427_TINA3-WW_(XP-E2) Efficiency=89%
Lamps: 1 x Cree Xp-E2 (93lm @ 250mA) CCT=5600K P=0.8W I=250mA



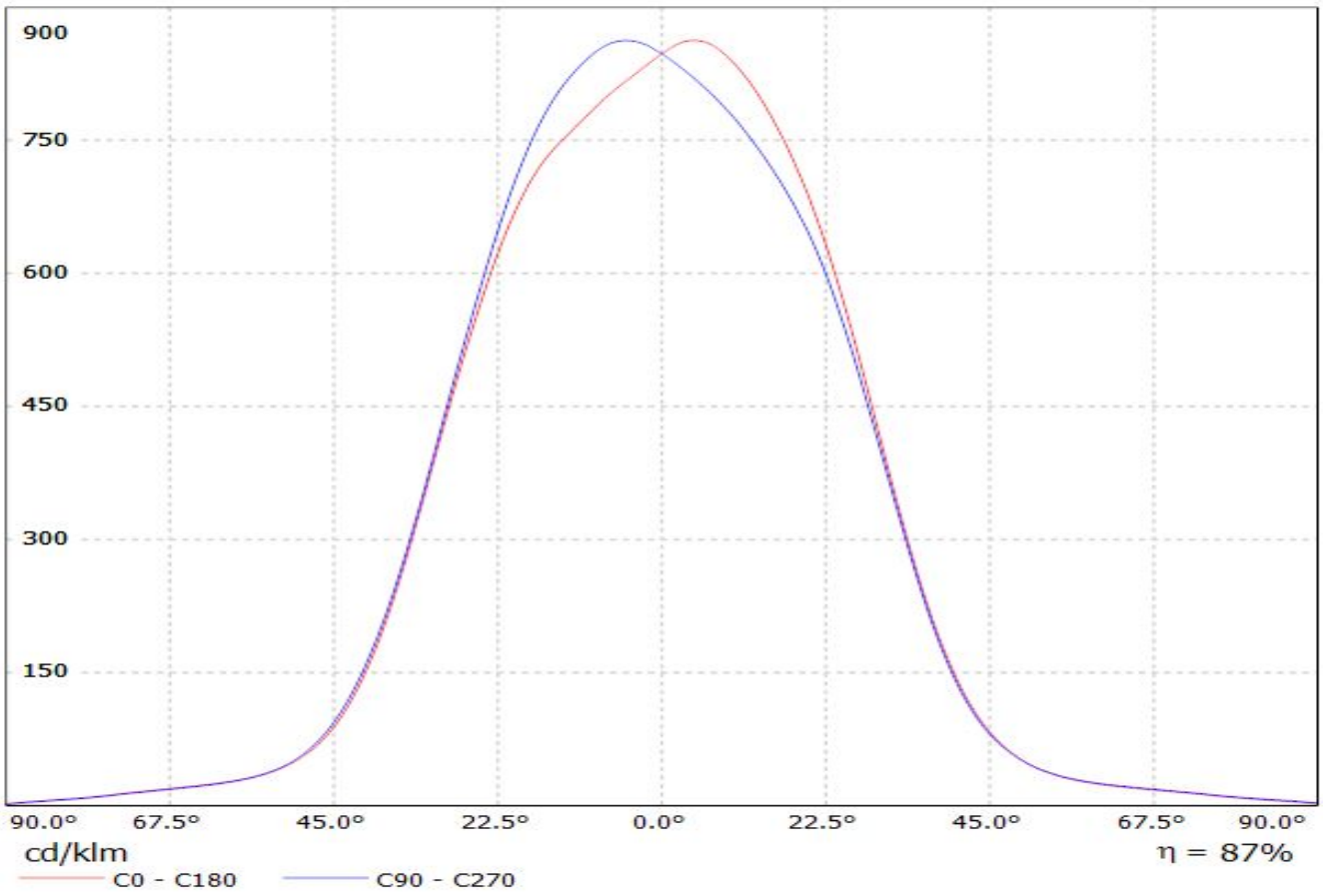
Luminaire: Ledil Oy CA12427_TINA3-WW (Luxeon A 64lm @ 250mA) Efficiency=89%
Lamps: 1 x Luxeon A 64lm @ 250mA



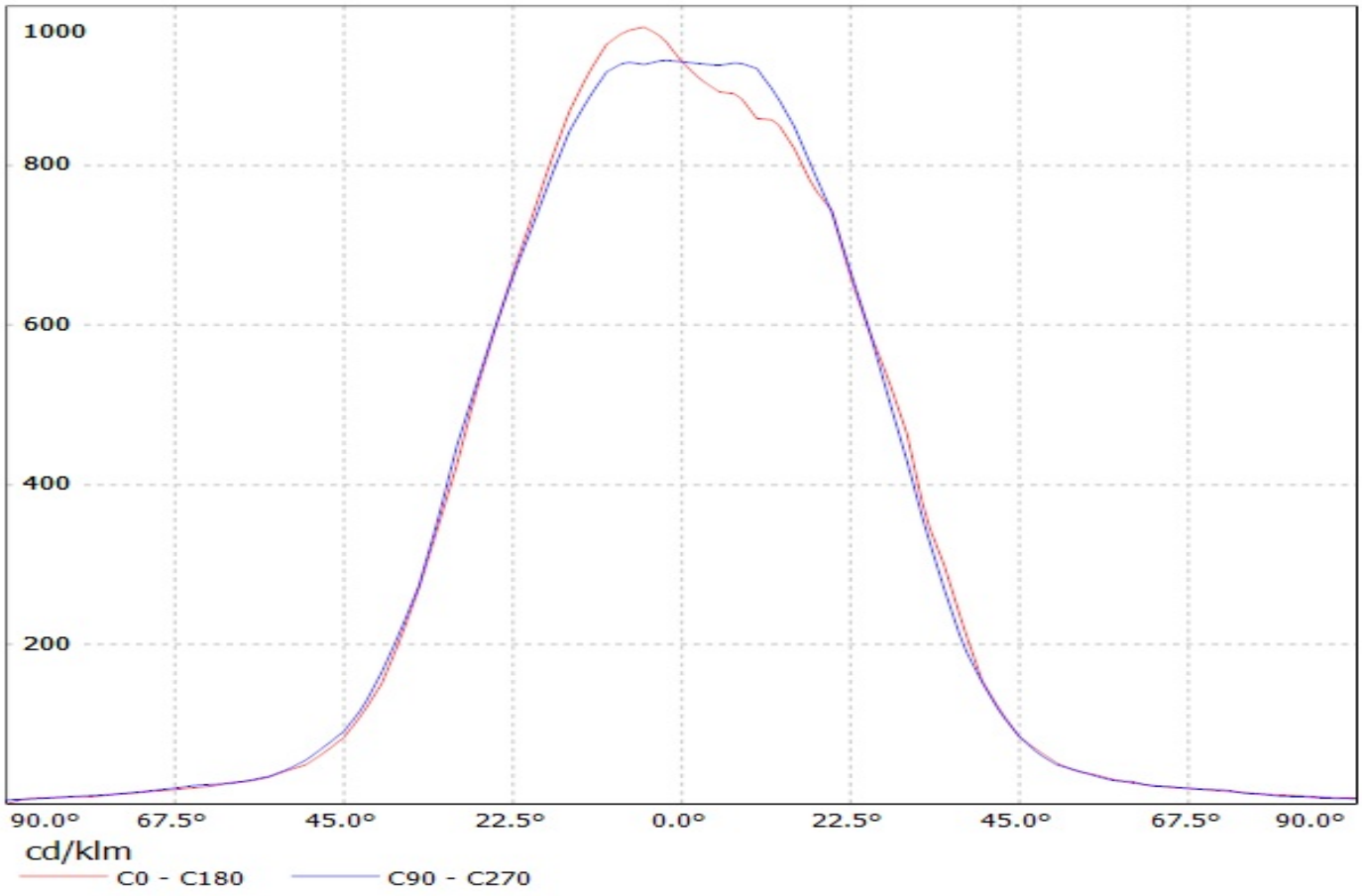
Luminaire: Ledil Oy CA12427_TINA3-WW (Osram Square EC 66lm @ 250mA) Efficiency=87%
Lamps: 1 x Osram Square EC 66lm @ 250mA



Luminaire: LEDiL Oy CA12427_TINA3-WW_(LH351B)
Lamps: 1 x SAMSUNG_LH351B_107.366lm@250mA_P=2.9308W_I=249.9mA

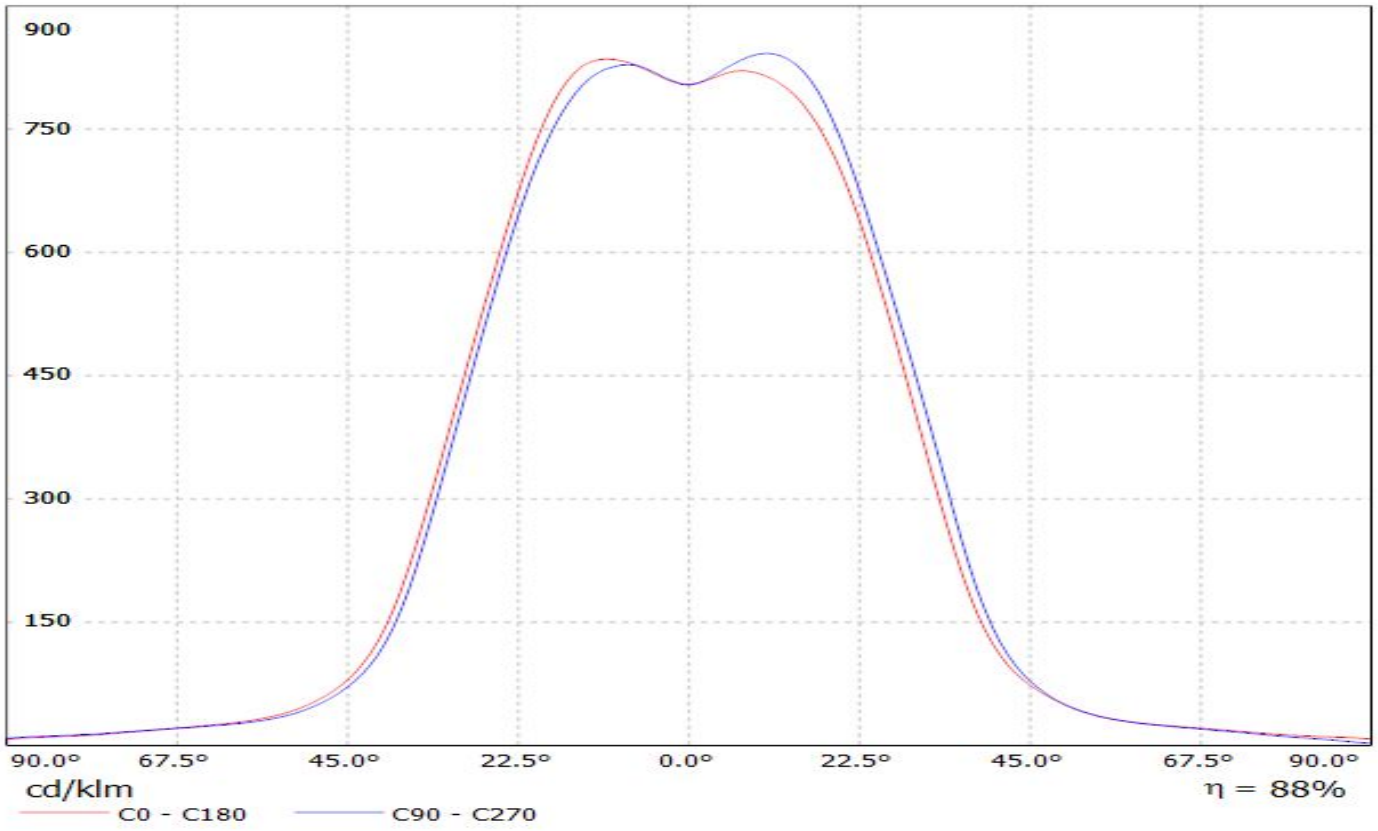


Luminaire: Ledil Oy CA12427_TINA3-WW (Cree XP-G2 98.8lm @ 250mA) Efficiency=90%
Lamps: 1 x Cree XP-G2 98.8lm @ 250mA

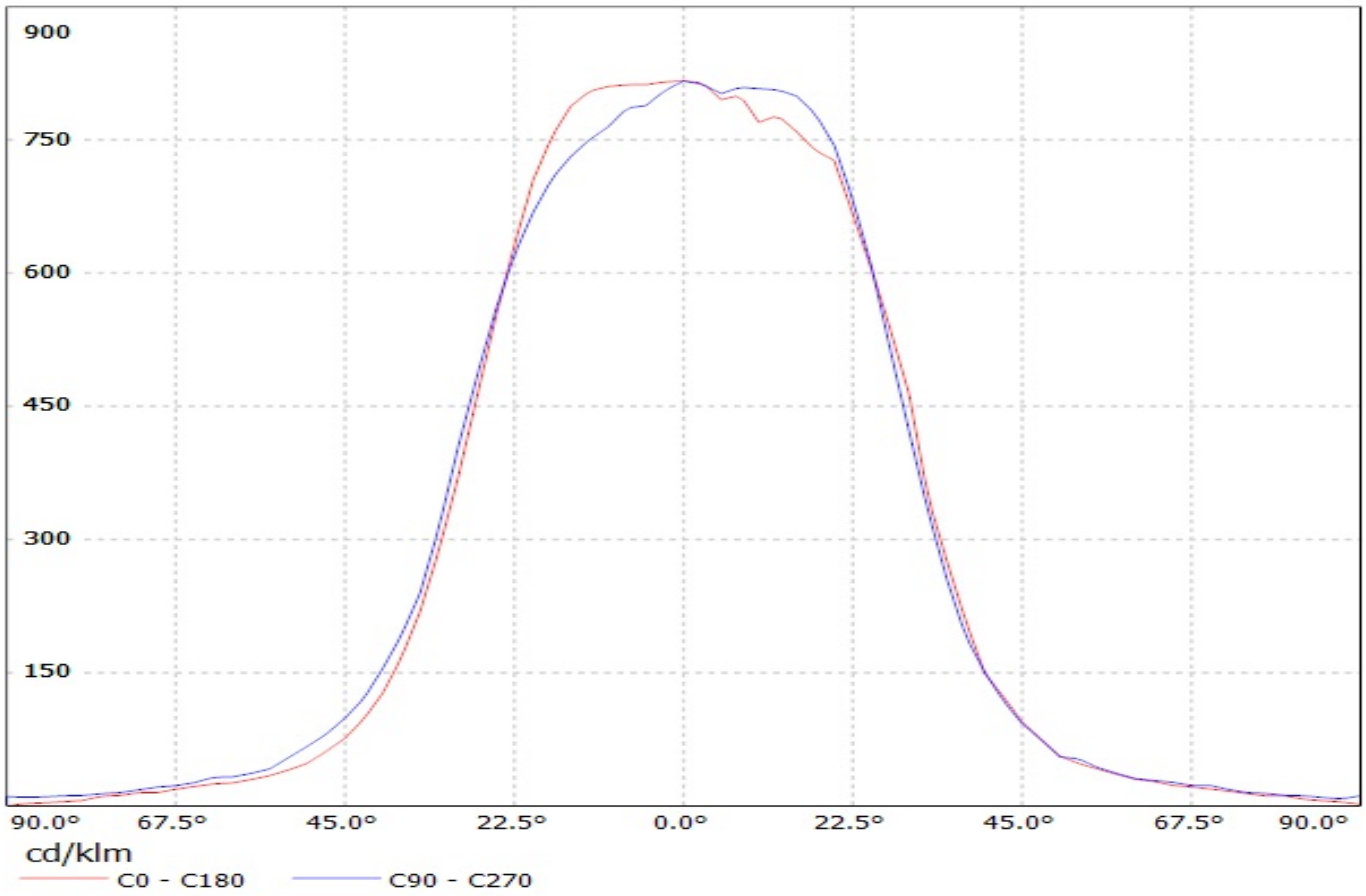


LEDiL Oy CA12427_TINA3-WW_(LUXEON_T)_3 Eff.87.6% / LDC (Linear)

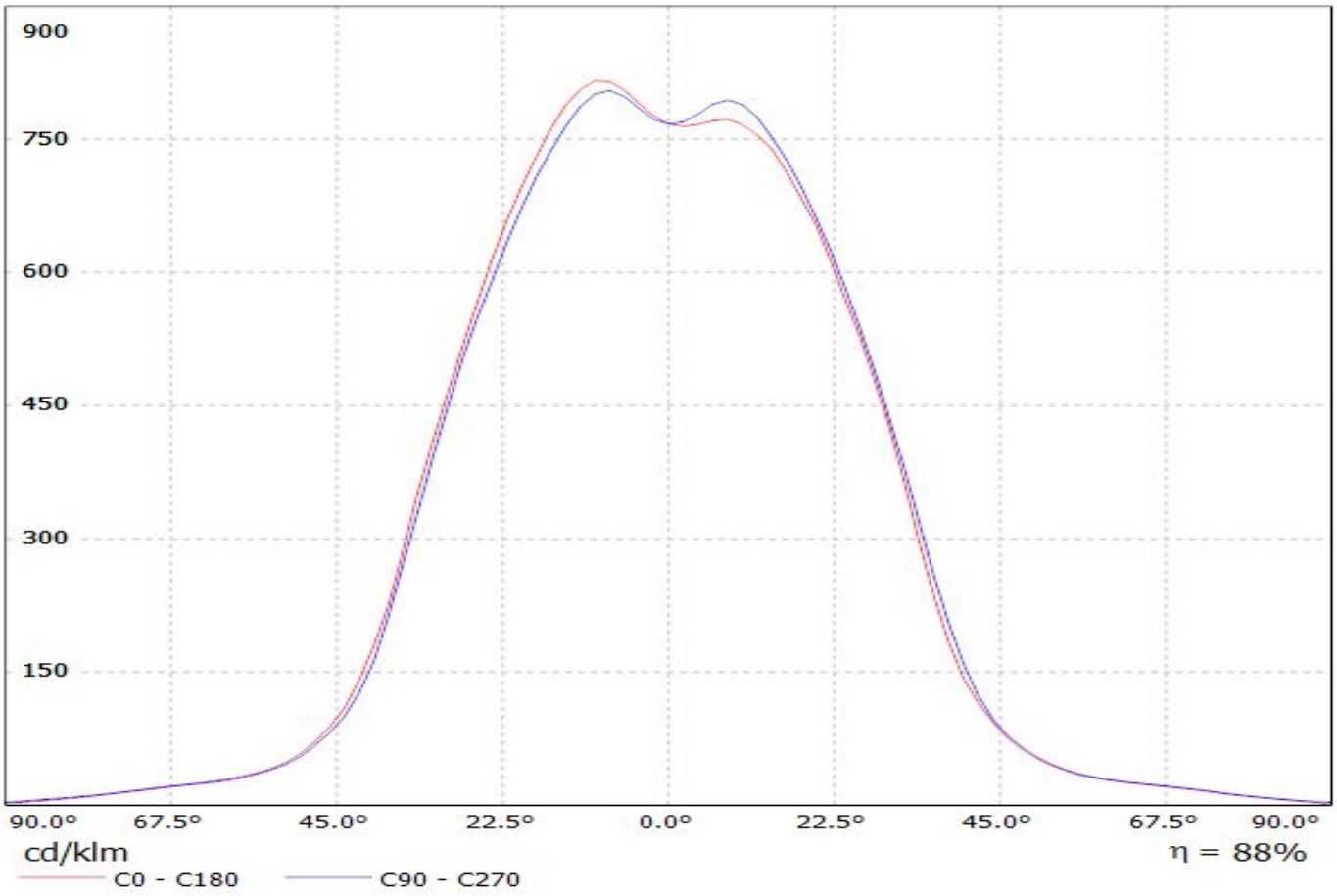
Luminaire: LEDiL Oy CA12427_TINA3-WW_(LUXEON_T)_3 Eff.87.6%
Lamps: 1 x LUXEON T (74lm@250mA)



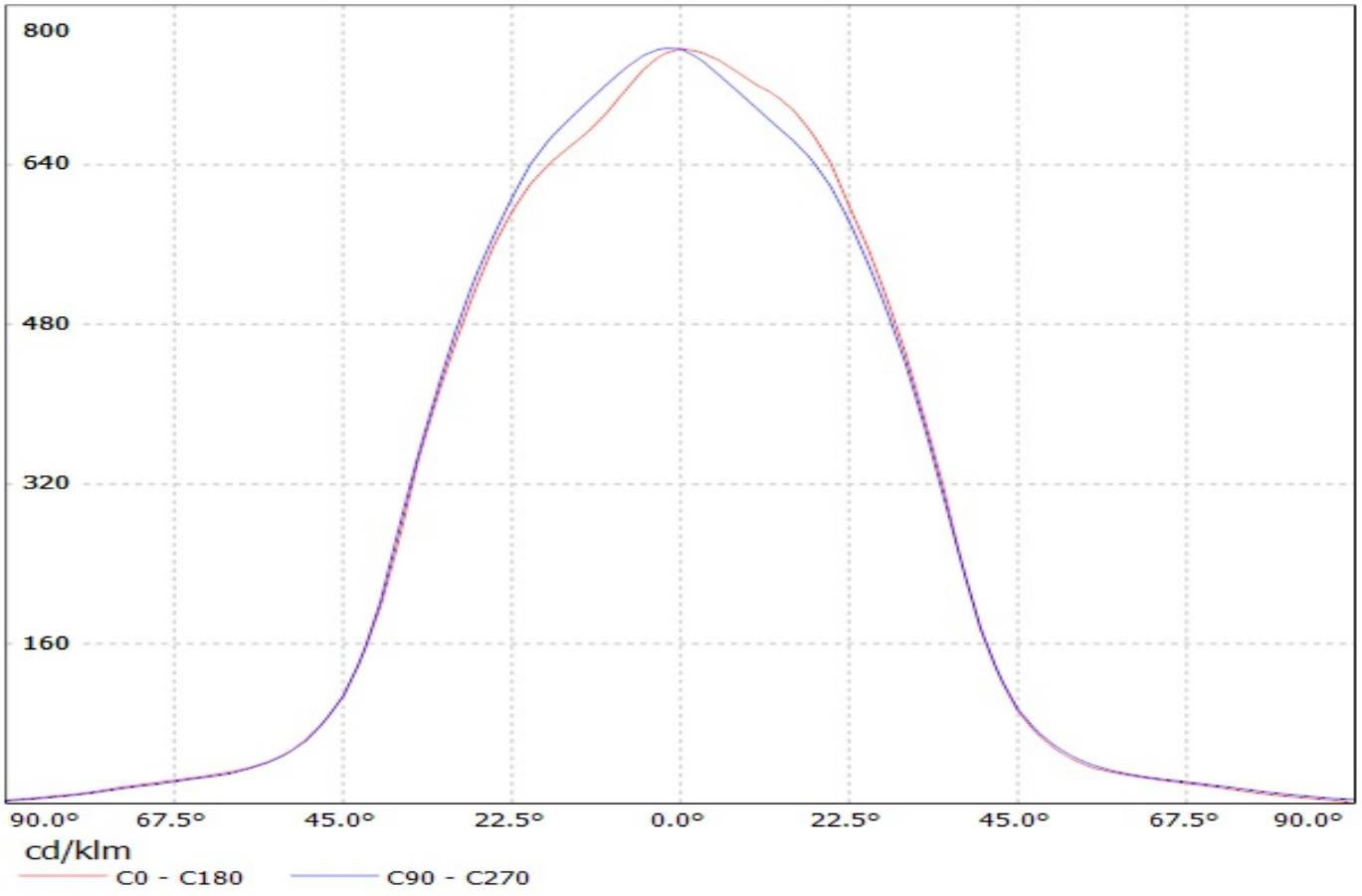
Luminaire: Ledil Oy CA12427_TINA3-WW (Nichia NVS19 92lm @ 250mA) Efficiency=86%
Lamps: 1 x Nichia NVS19 92lm @ 250mA



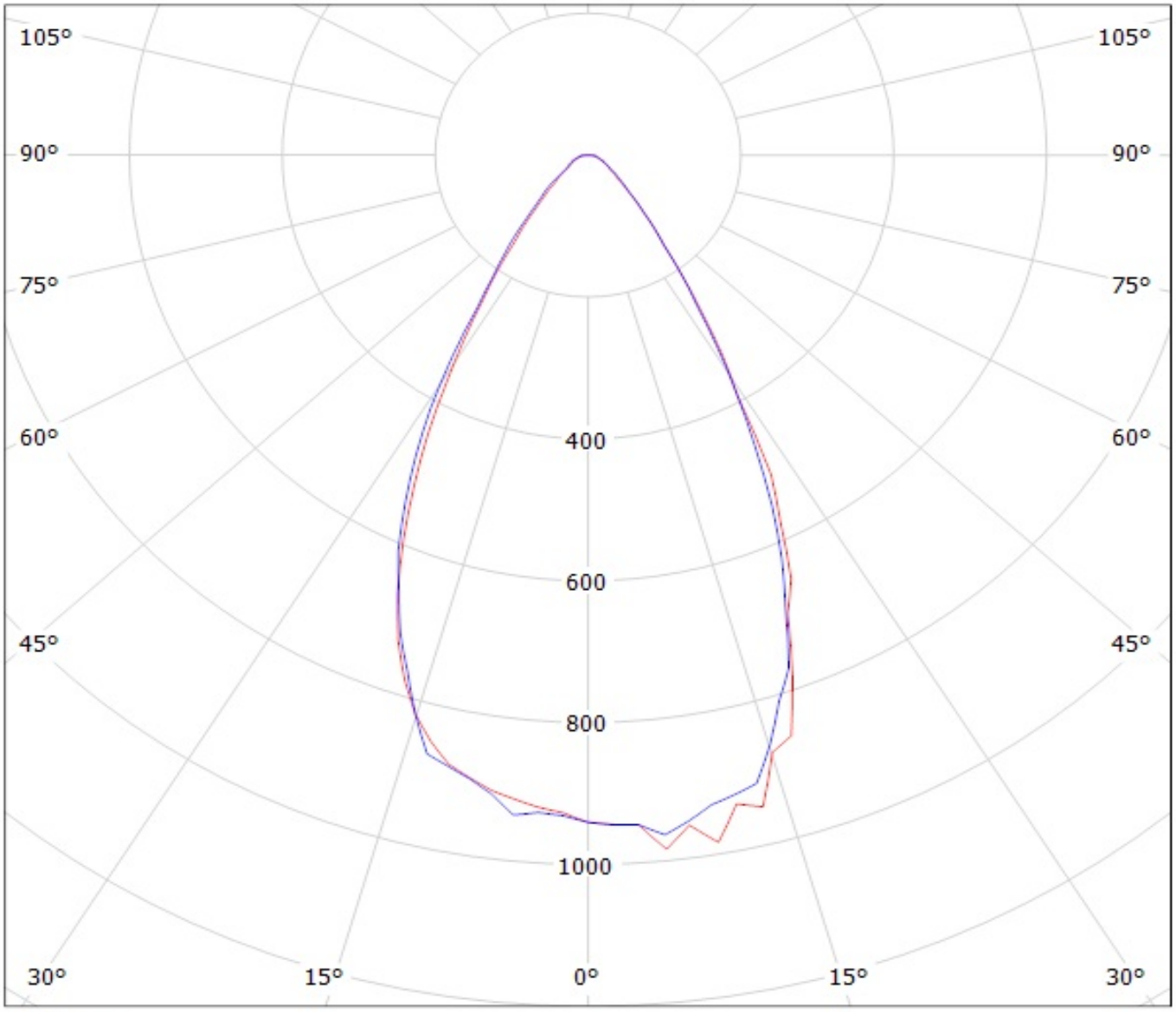
Luminaire: Ledil Oy CA12427_TINA3-WW_(Luxeon _TX) Efficiency=87%
Lamps: 1 x Luxeon TX (L1T2-3585) 82lm @ 250mA CCT= P=0.73W I=250mA



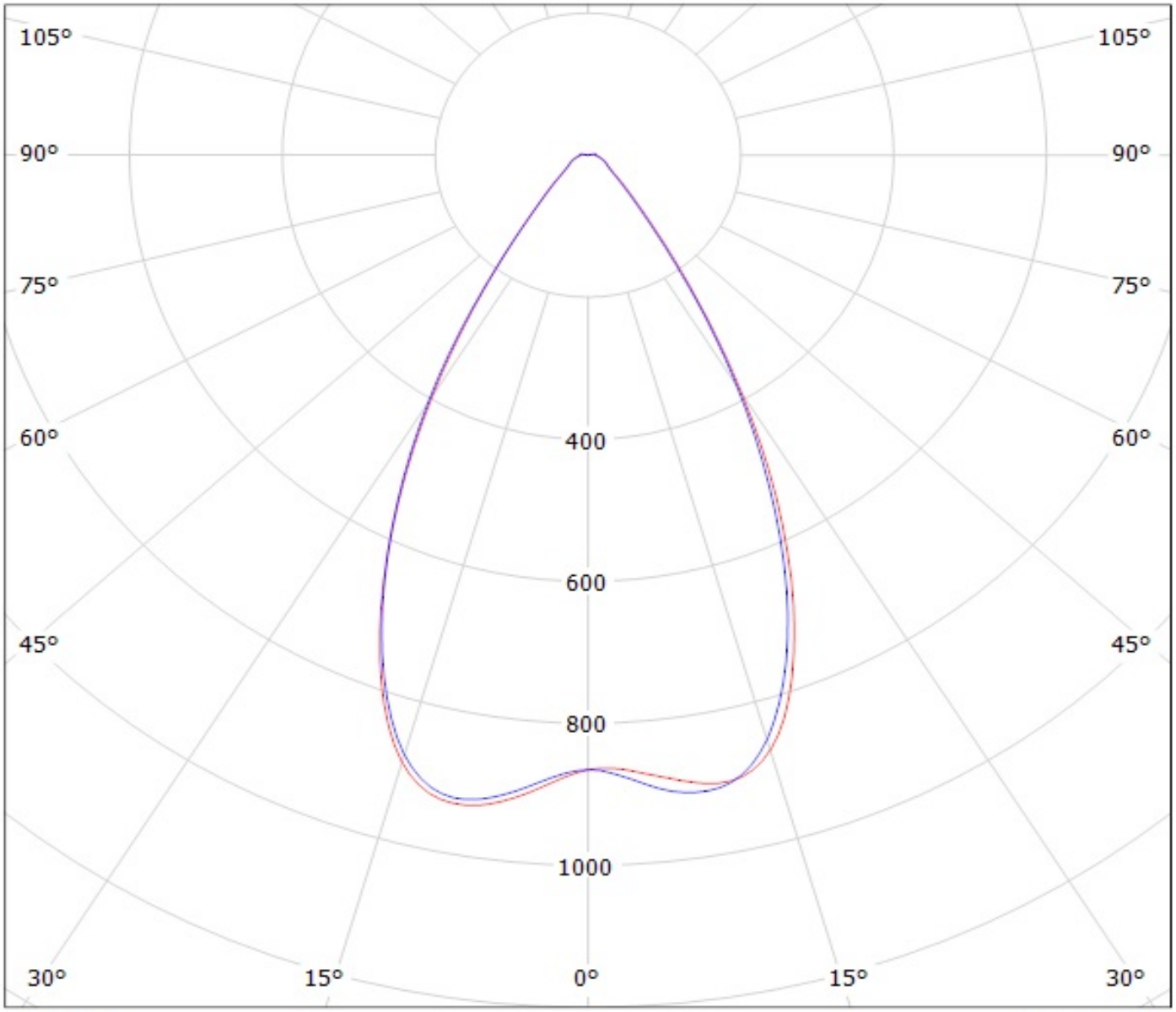
Luminaire: Ledil Oy CA12427_TINA3-WW_(LH351Z) Efficiency=88%
Lamps: 1 x Samsung LH351Z (90.14lm @ 250mA) CCT=6500K P=0.7W I=250mA



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

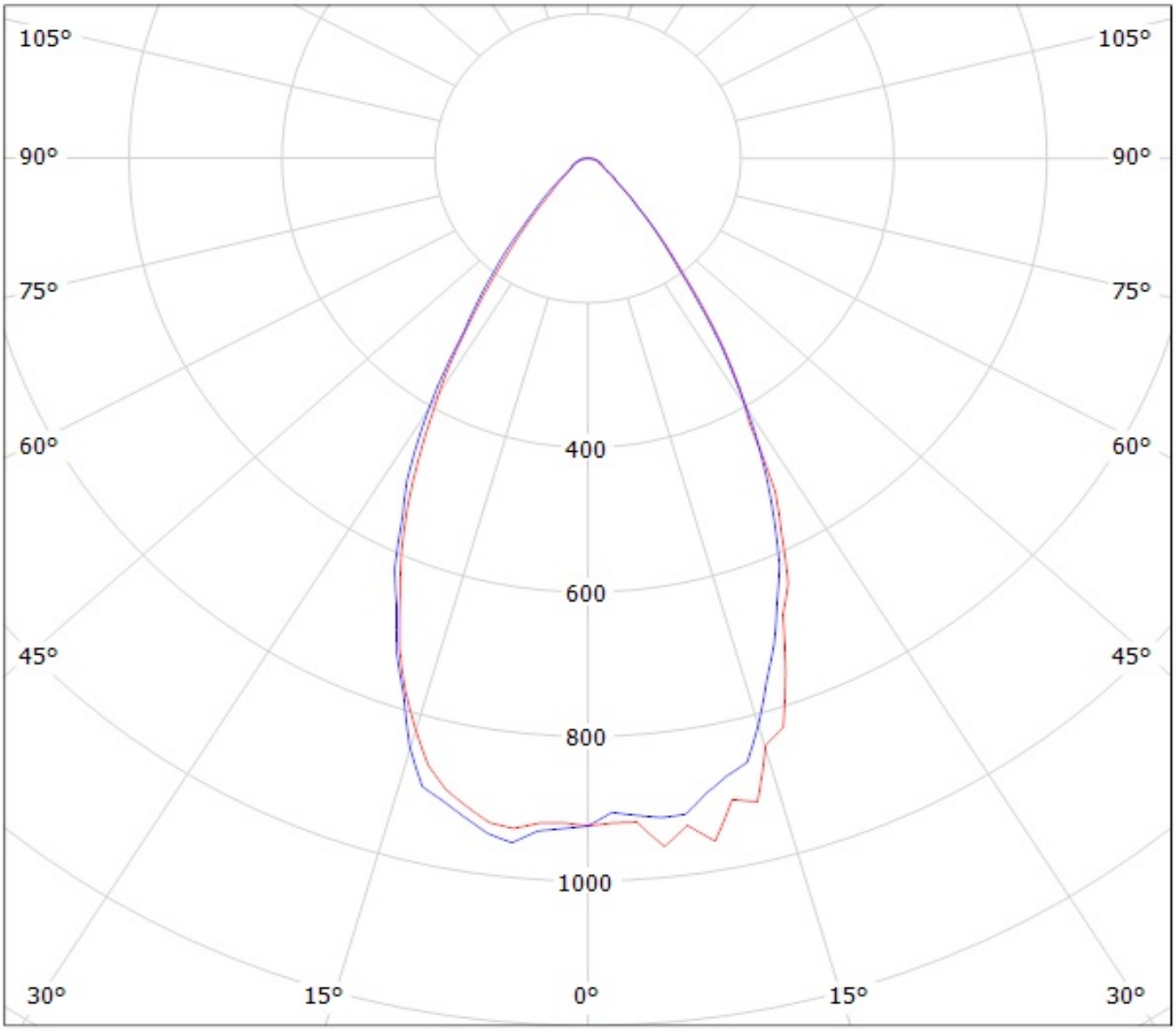


cd/klm

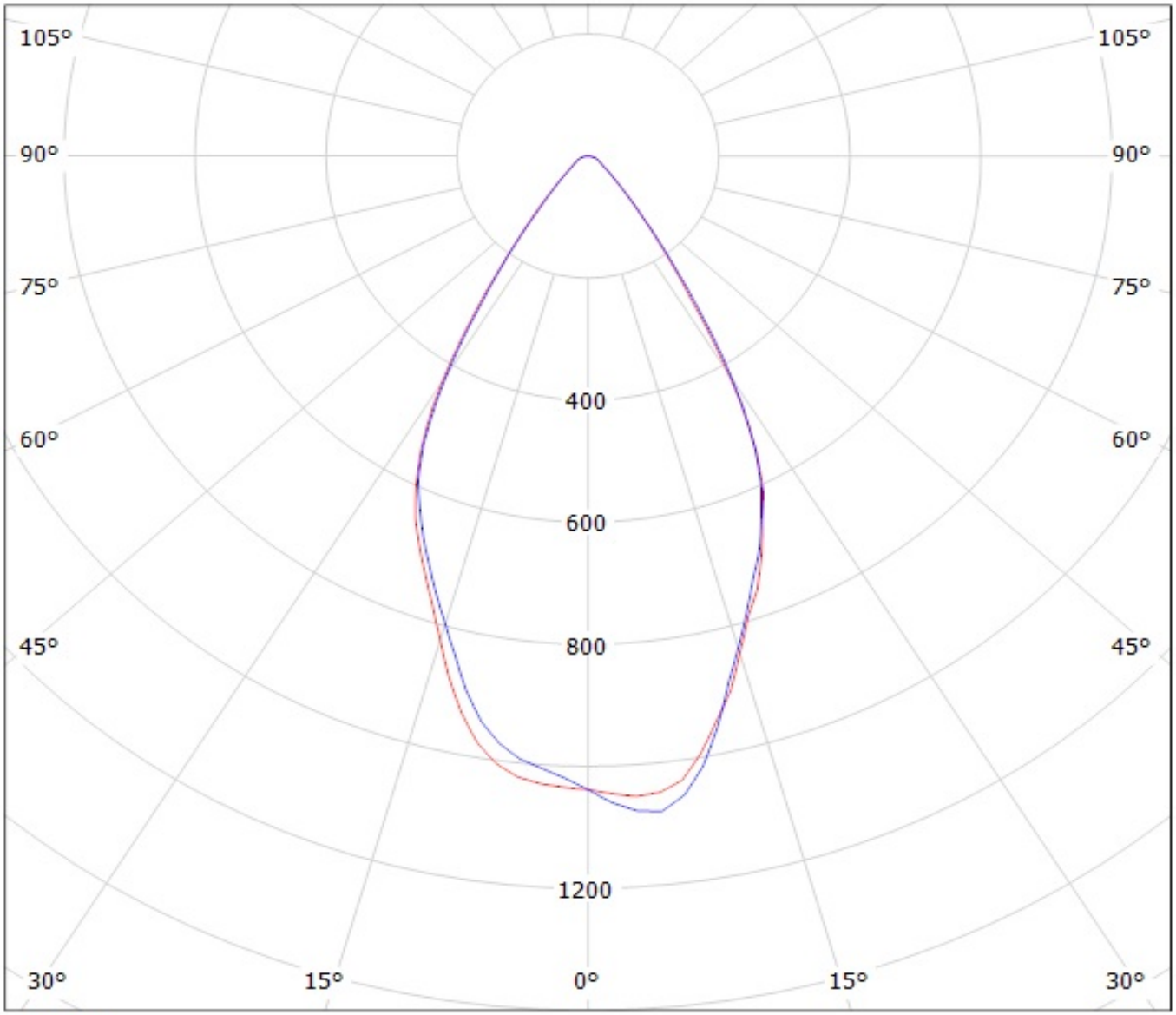
η = 92%

C0 - C180 C90 - C270

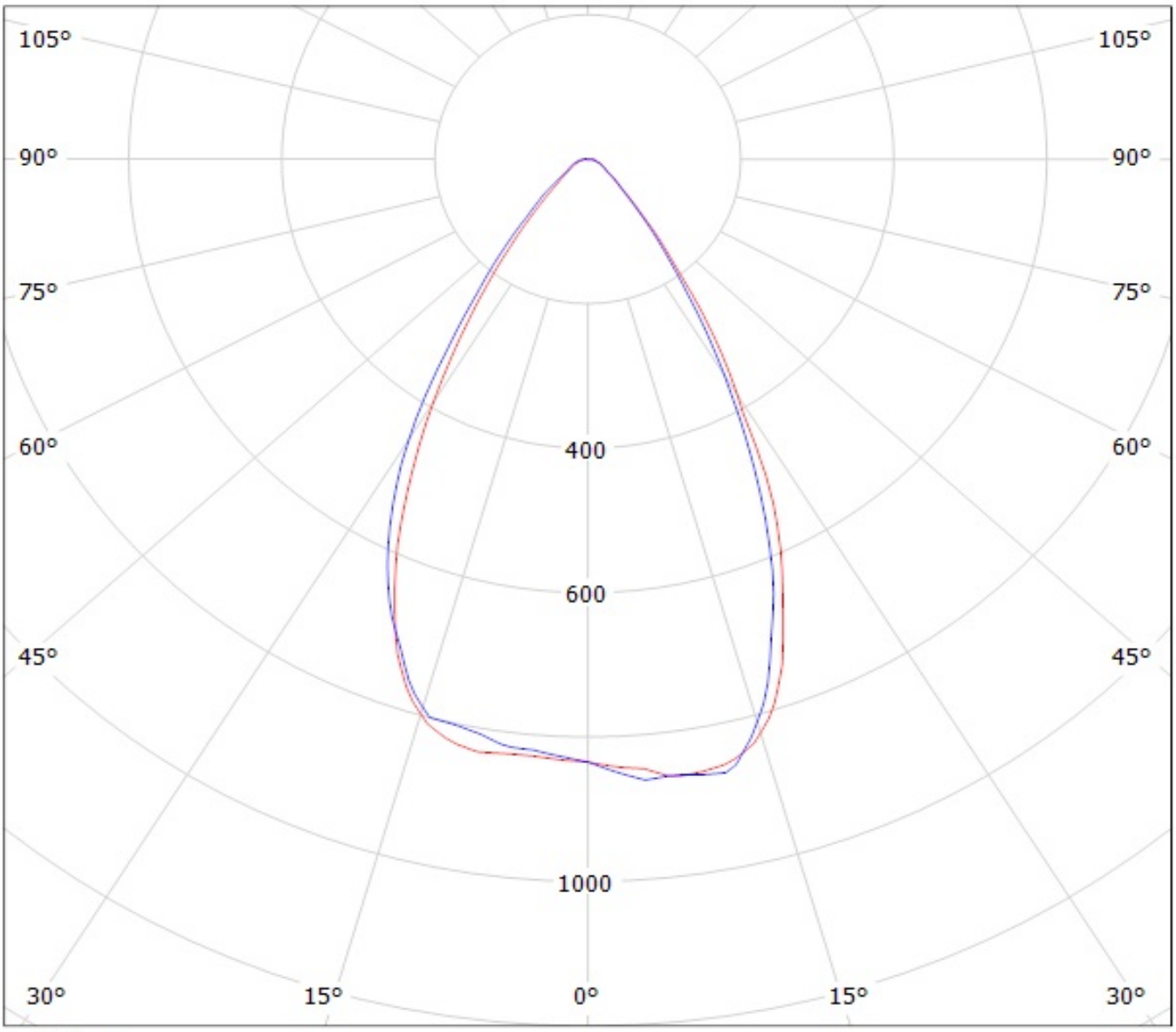
Luminaire: Ledil Oy CA12427_TINA3-WW (Cree XP-G 68lm @ 250mA) Efficiency=89%
Lamps: 1 x Cree XP-G 68lm @ 250mA



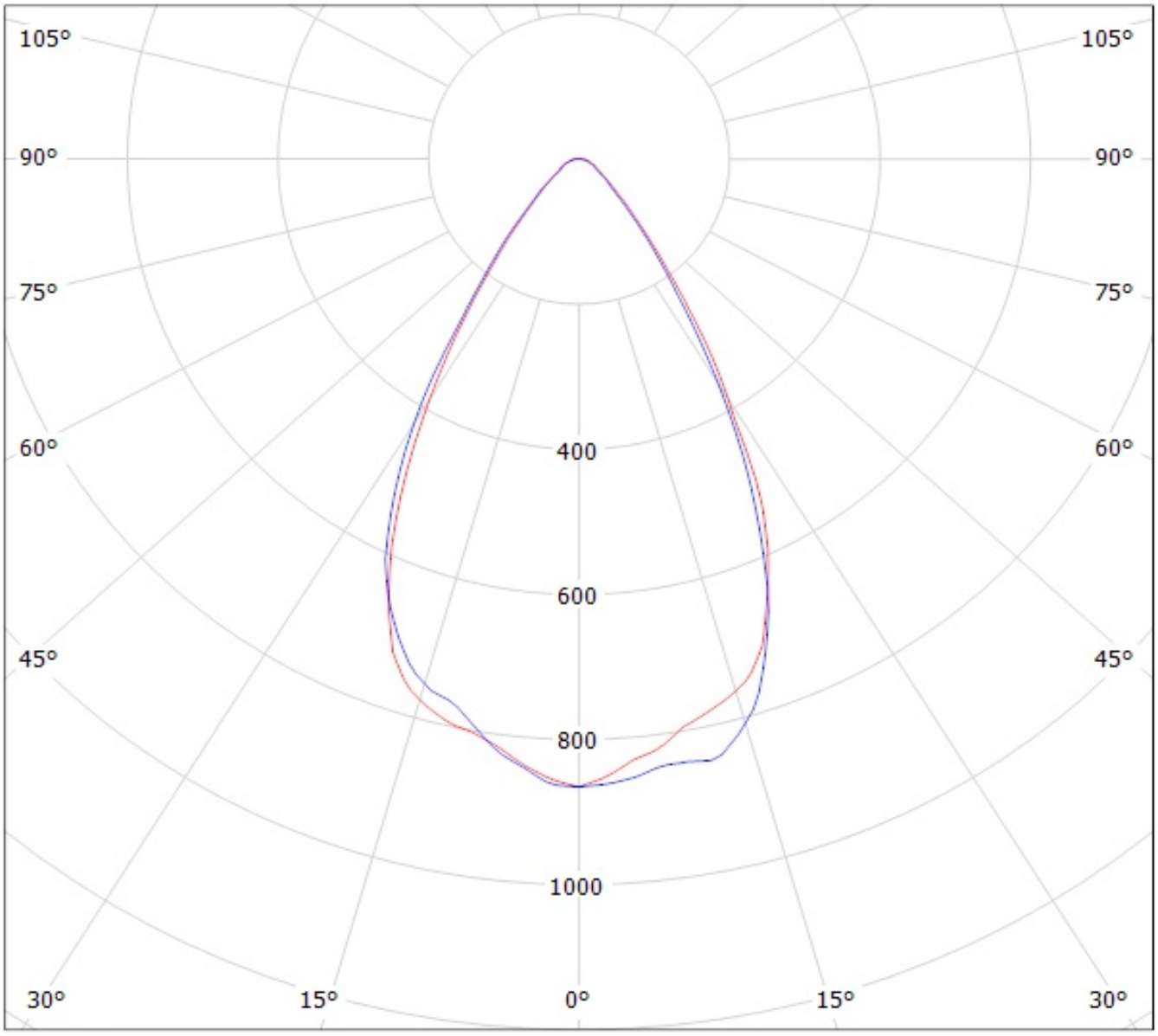
Luminaire: LEDIL CA12427_TINA3-WW_(XP-E2) Efficiency=89%
Lamps: 1 x Cree Xp-E2 (93lm @ 250mA) CCT=5600K P=0.8W I=250mA



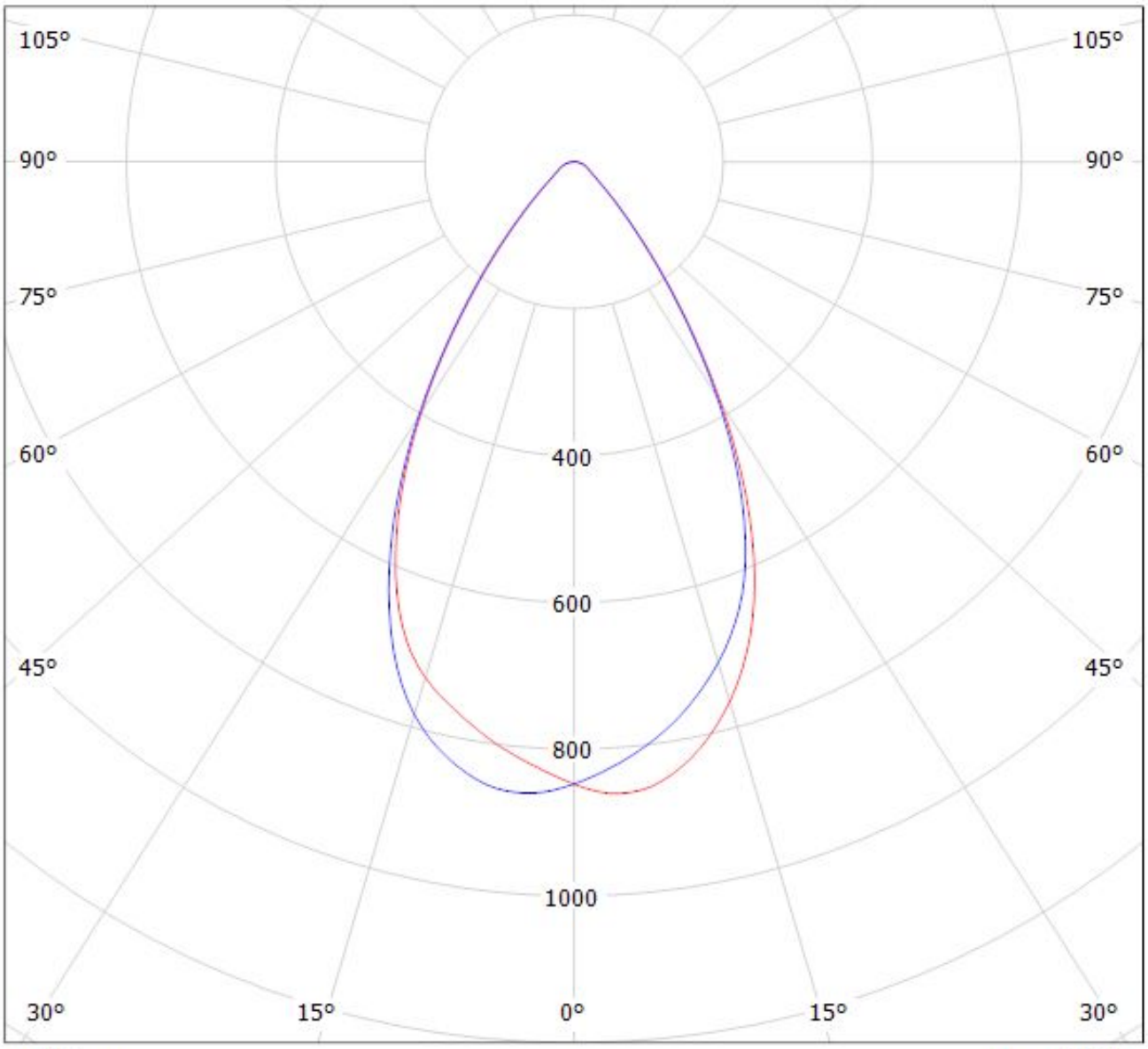
Luminaire: Ledil Oy CA12427_TINA3-WW (Luxeon A 64lm @ 250mA) Efficiency=89%
Lamps: 1 x Luxeon A 64lm @ 250mA



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_(LH351B)
Lamps: 1 x SAMSUNG_LH351B_107.366lm@250mA_P=2.9308W_I=249.9mA

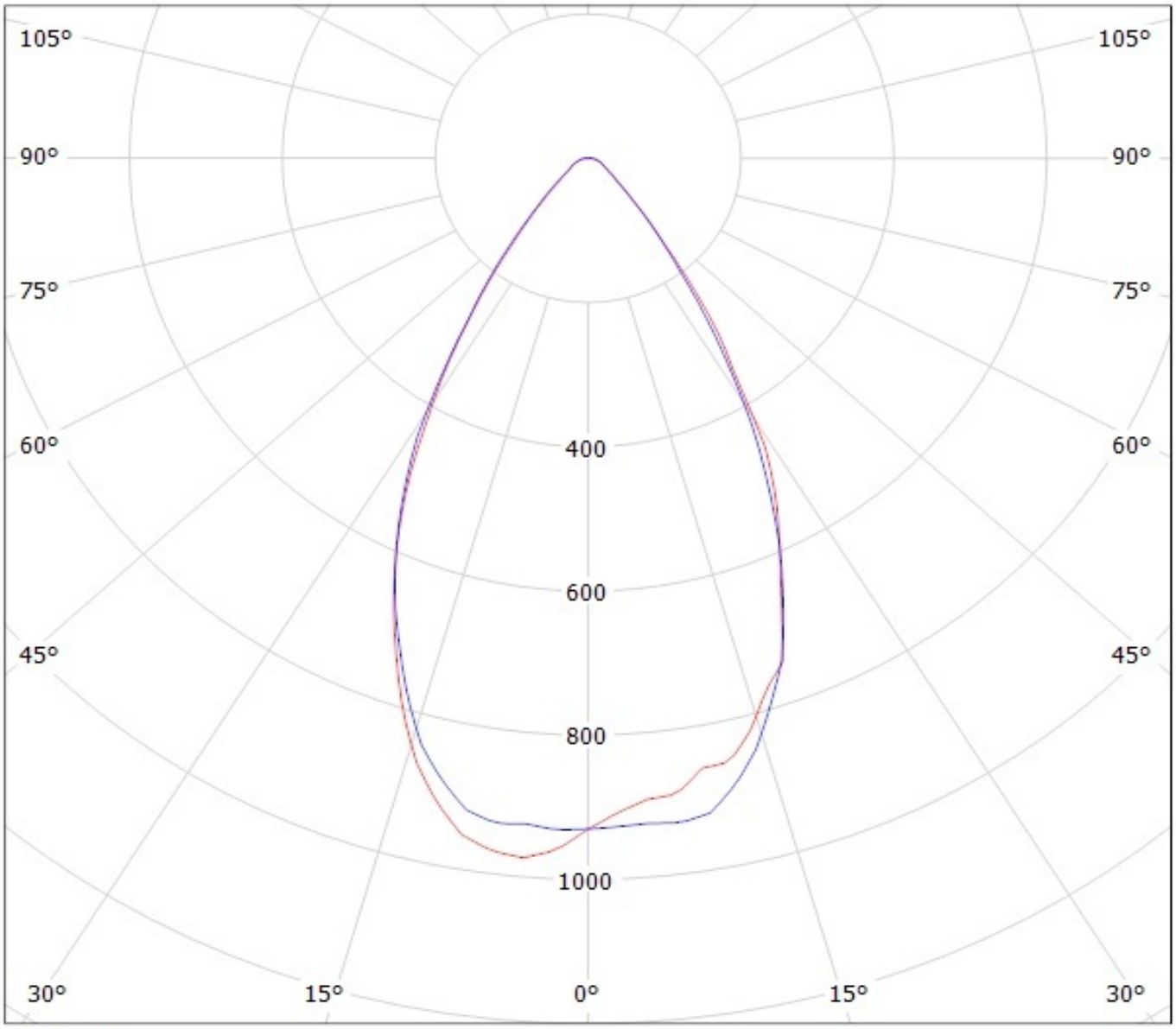


cd/klm

η = 87%

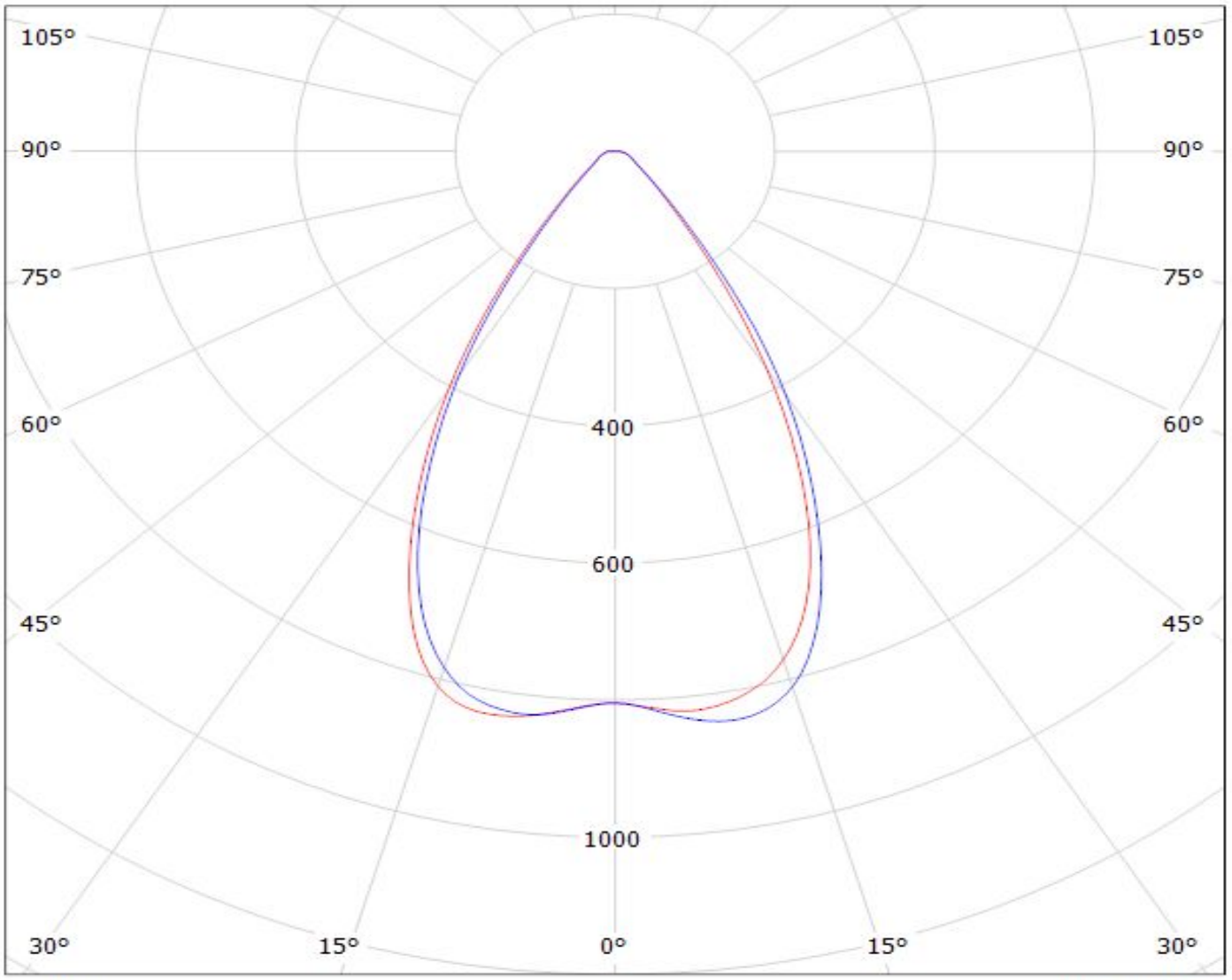
C0 - C180 C90 - C270

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



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)

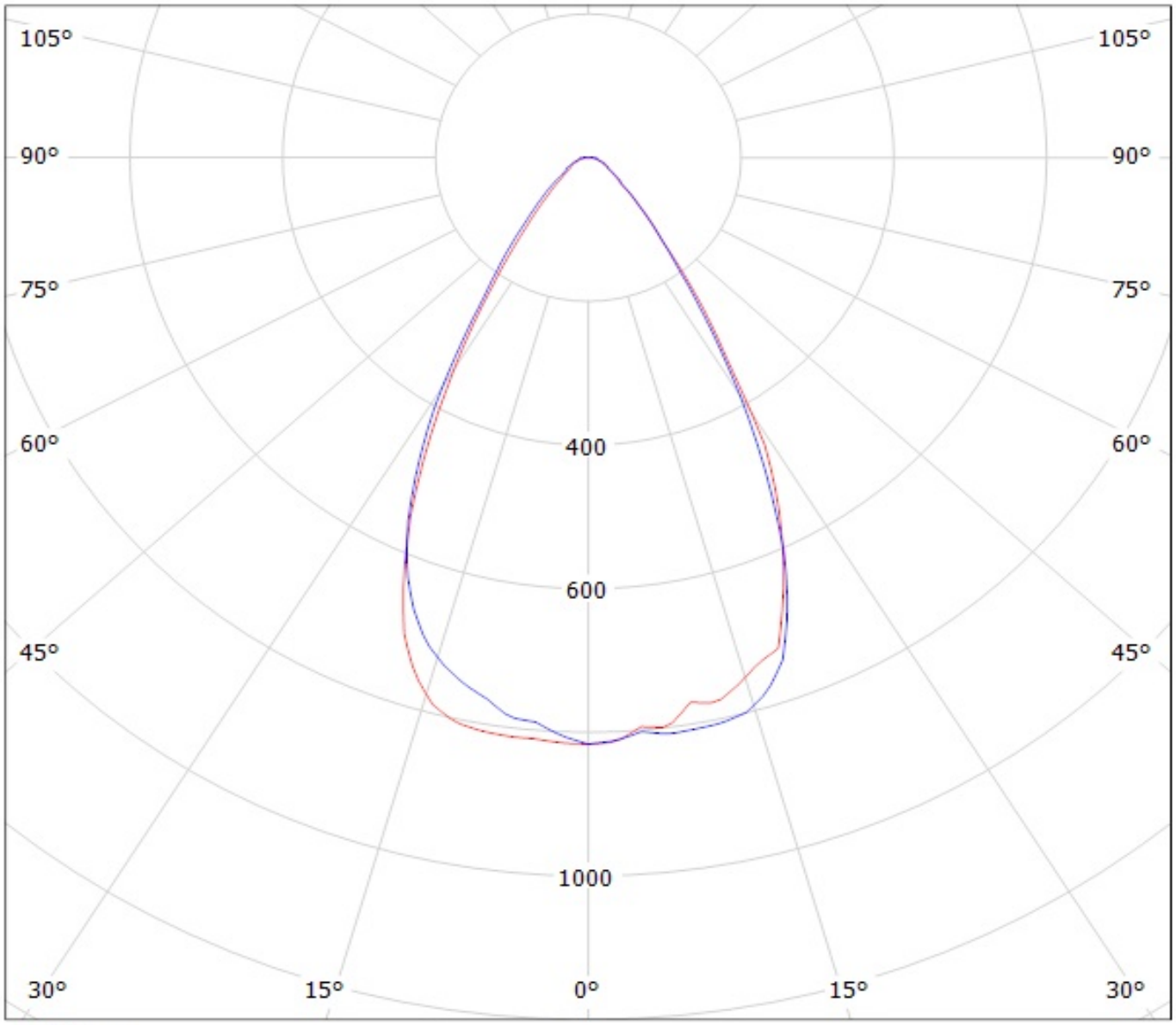


cd/klm

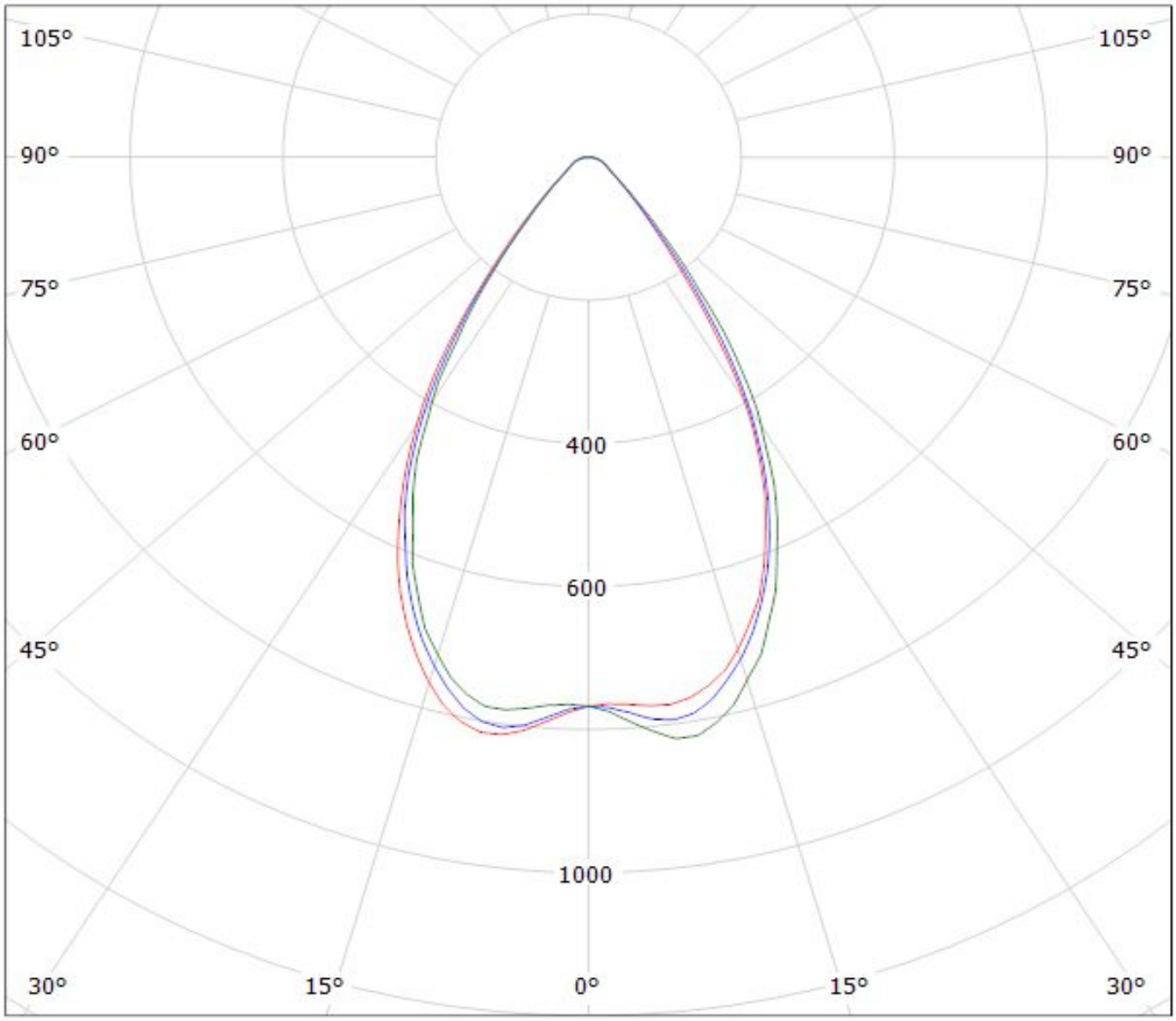
η = 88%

C0 - C180 C90 - C270

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_(Luxeon _TX) Efficiency=87%
Lamps: 1 x Luxeon TX (L1T2-3585) 82lm @ 250mA CCT= P=0.73W I=250mA

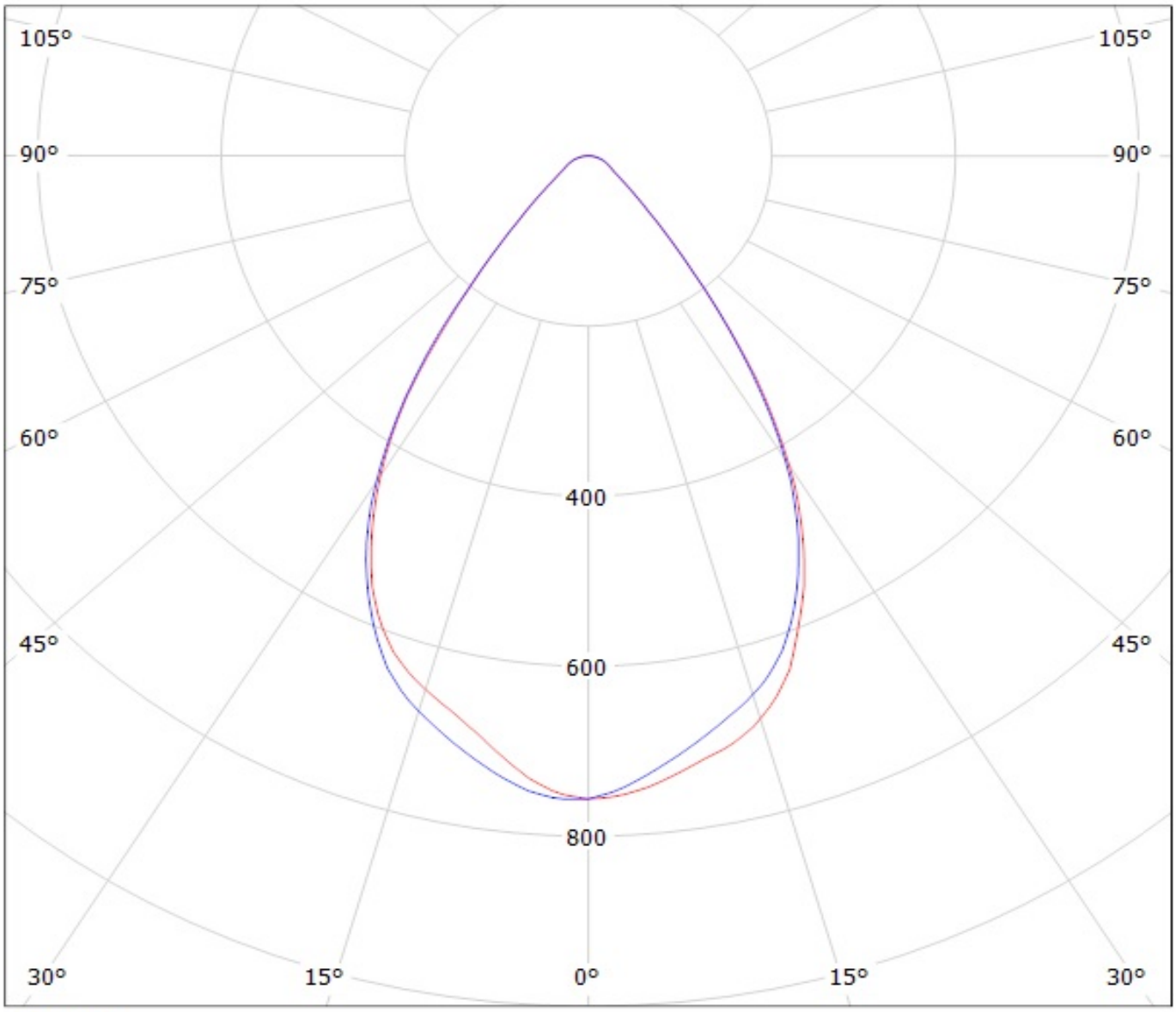


cd/klm

η = 88%

C0 - C180 C90 - C270 C210 - C30

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



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.