

DETAILS

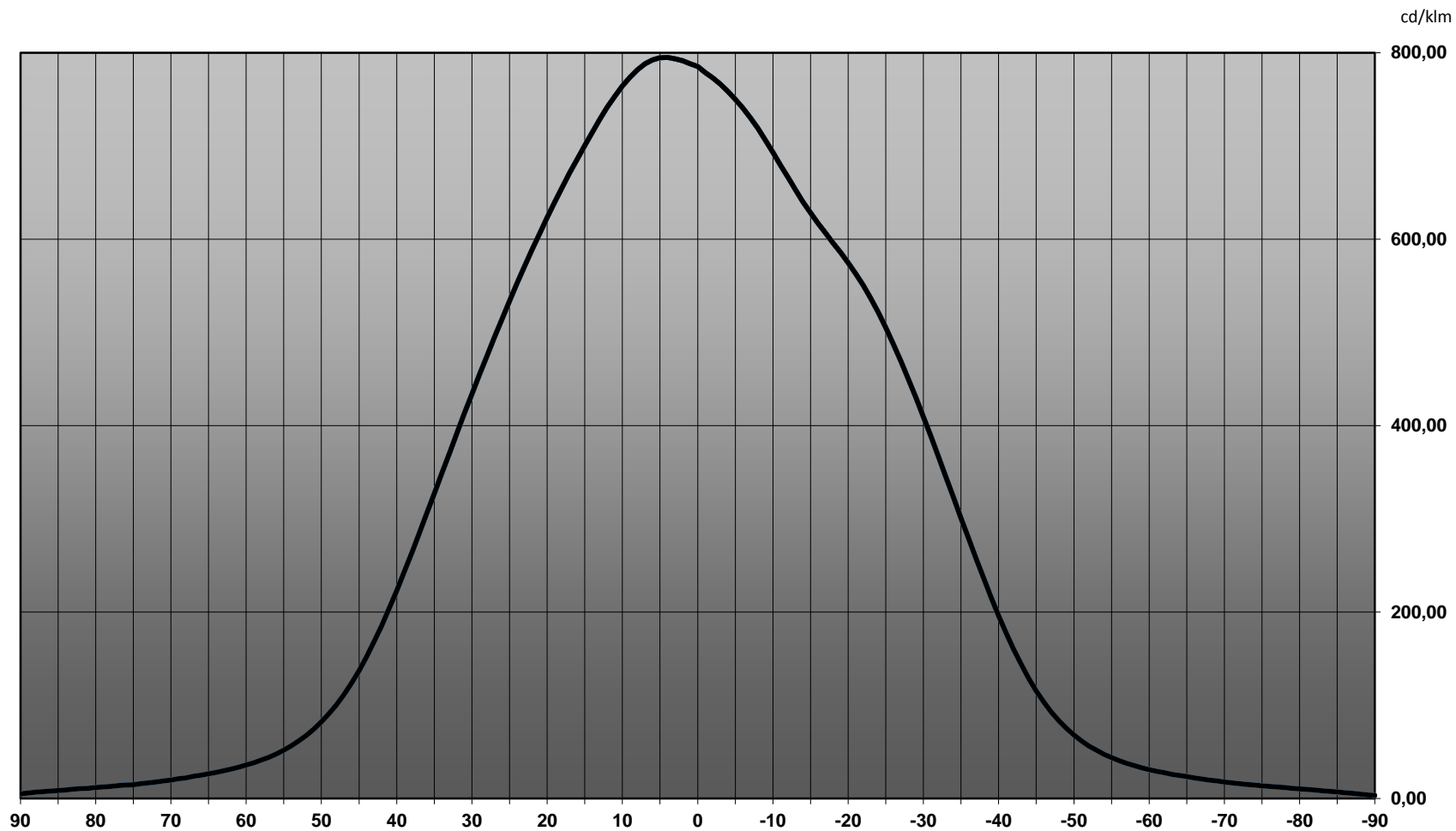
Product Number	FA11904_TINA3-WWW
Family	Tina
Type	Assembly
Color	white
Diameter	16,1 mm
Height	7 mm
Style	round
Optic Material	PMMA
Holder Material	
Fastening	tape, pin
Status	production ready
ROHS Compliant	Yes
Date Updated	13/09/2013



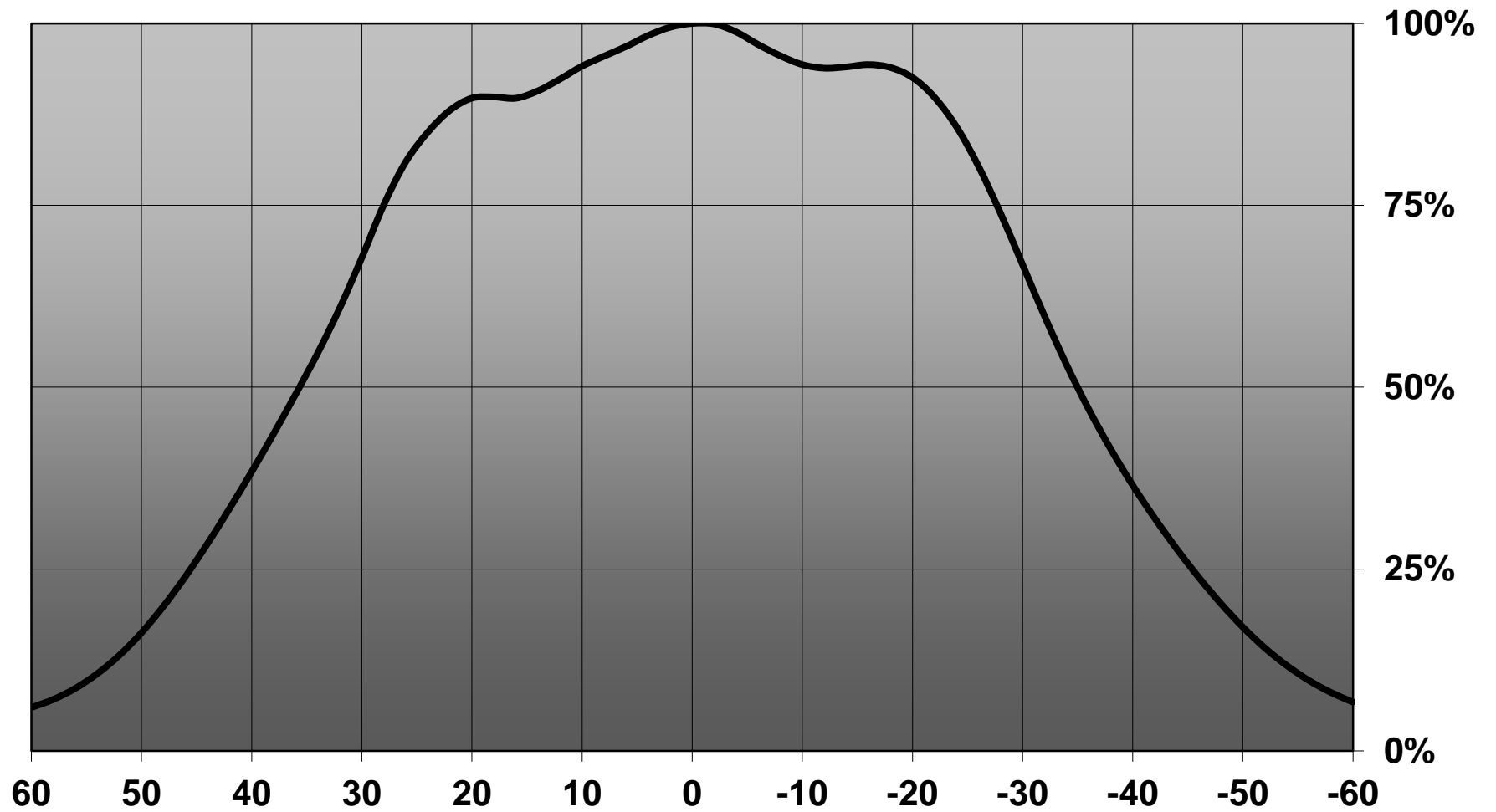
OPTICAL PROPERTIES

LED	Viewing Angle	Light Beam	Efficiency	cd/lm	Connector
XM-L	70 deg	WWW-class	89 %	0.600	-
XM-L HVV	sim: 80	WWW-class	84 %	-	-
XT-E	60 deg	WWW-class	88 %	0.800	-
XM-L2	71 deg	WWW-class	88 %	0.700	-
XP-G2	67 deg	WWW-class	90 %	0.700	-
XP-L	65 deg	WWW-class	89 %	0.670	-
XP-L HI	67 deg	WWW-class	90 %	0.750	-
NS9x383	72 deg	WWW-class	87 %	0.600	-
Z5M1/Z5M2	65 deg	WWW-class	89 %	0.730	-

Absolute intensity of FA11904_TINA3-WWW (Cree XT-E)



Relative intensity of FA11904_TINA3-WWW_(XM-L2)



D

C

B

A

4

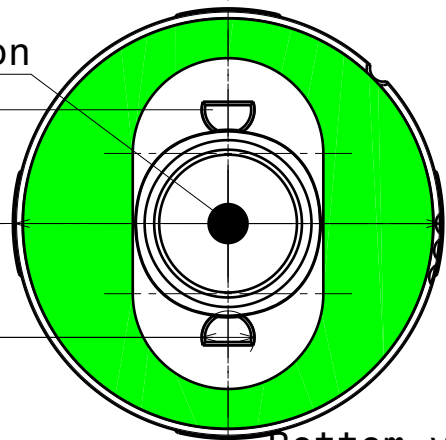
4

LED position

8.6
C/C

Ø 16

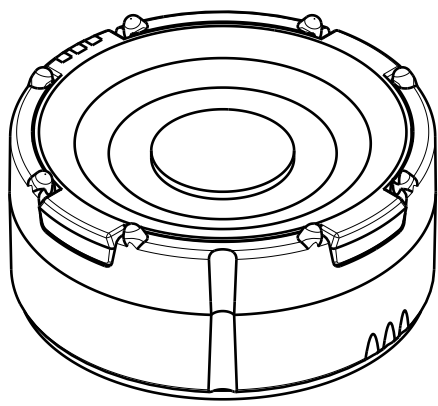
Ø 2



Bottom view
Scale: 7:2

3

3

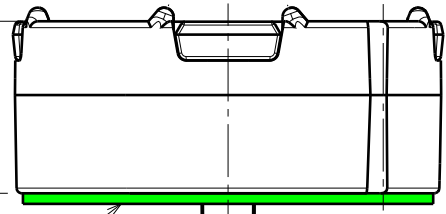


Isometric view
Scale: 7:2

2

2

6.5



Front view
Scale: 7:2

Tape 0.4mm

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
FA11904_TINA3-WWW

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SIZE	PART NUMBER
A4	FA11904

SCALE	7:2	WEIGHT	-	SHEET	1/1
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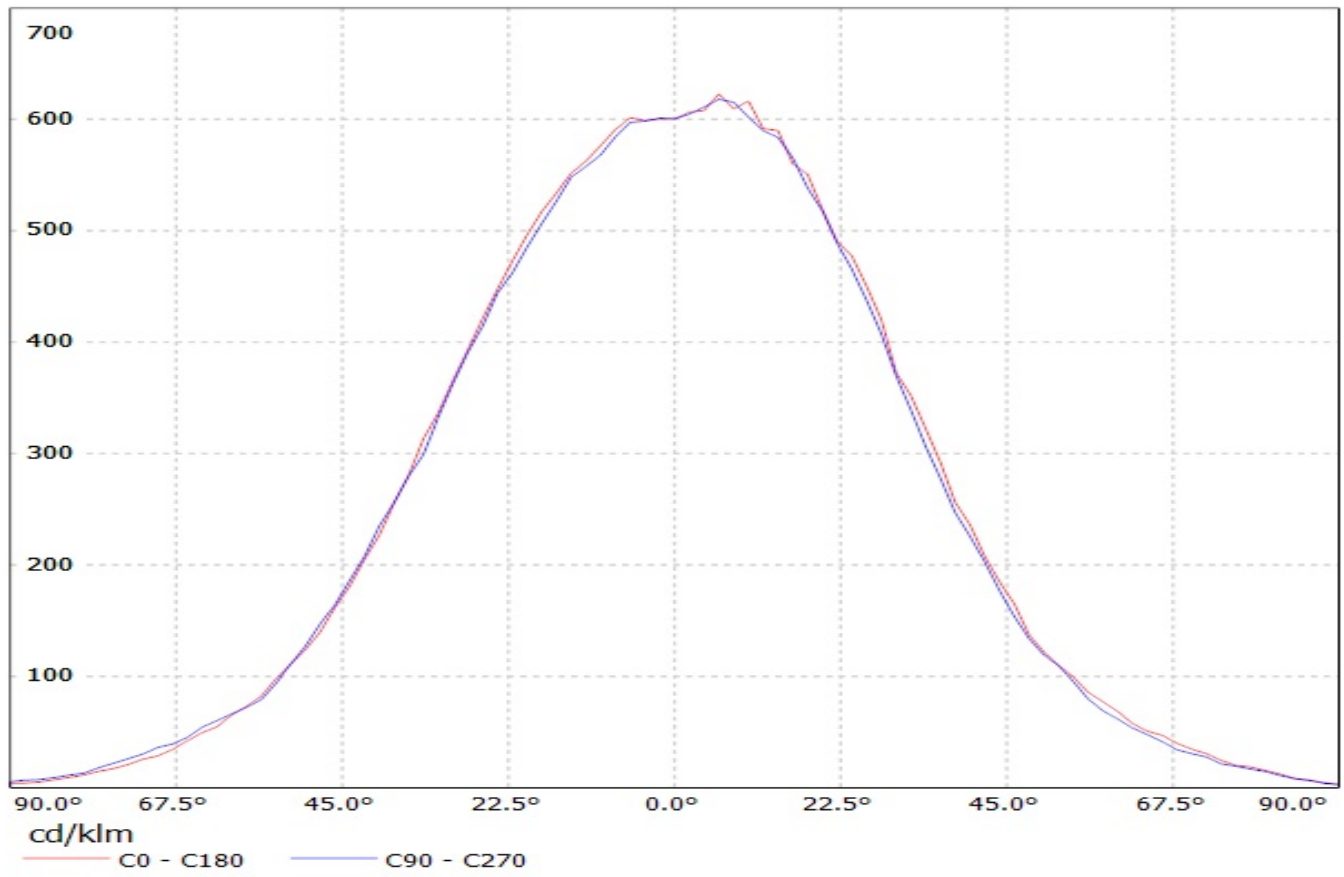
D

A

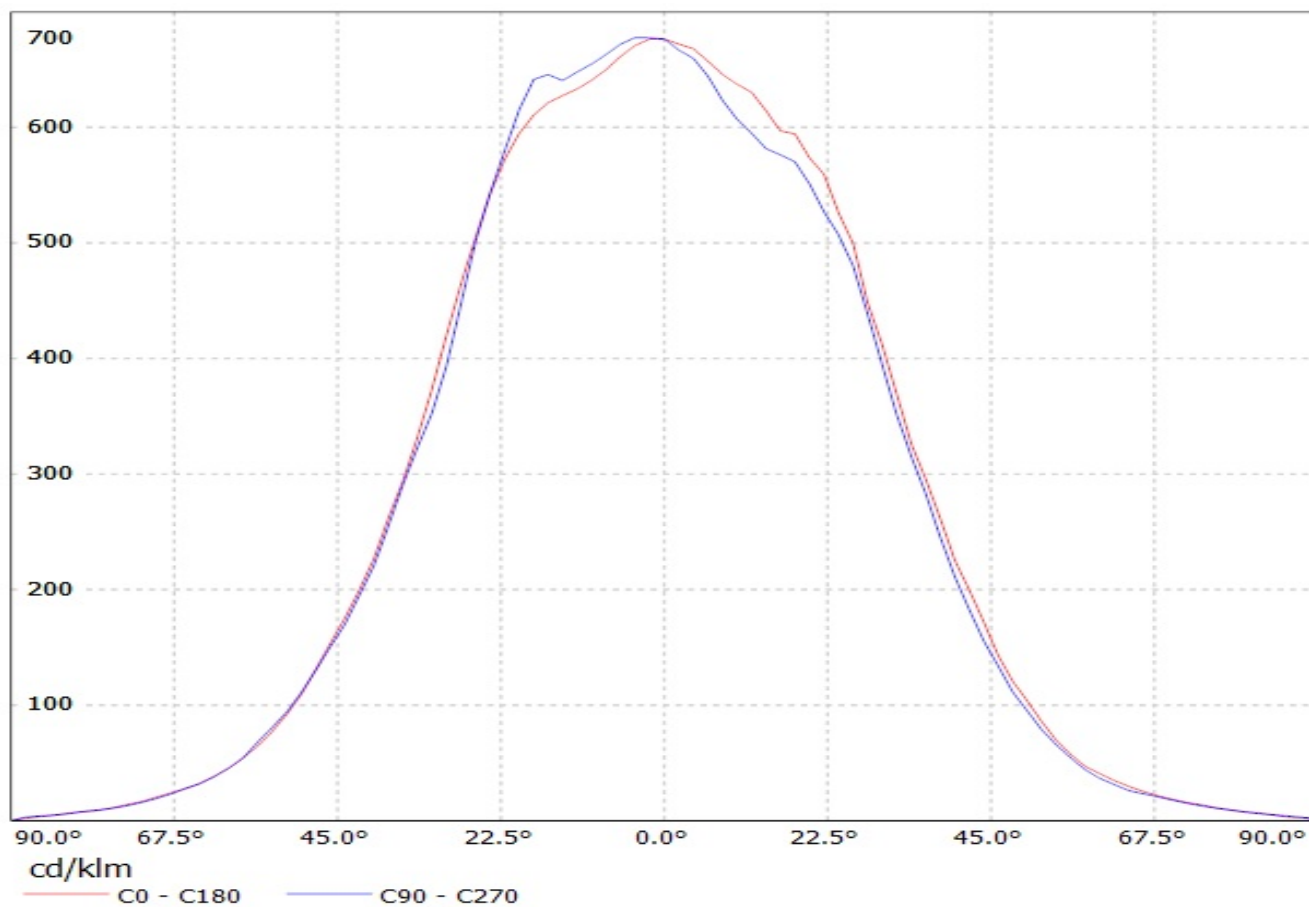
1

1

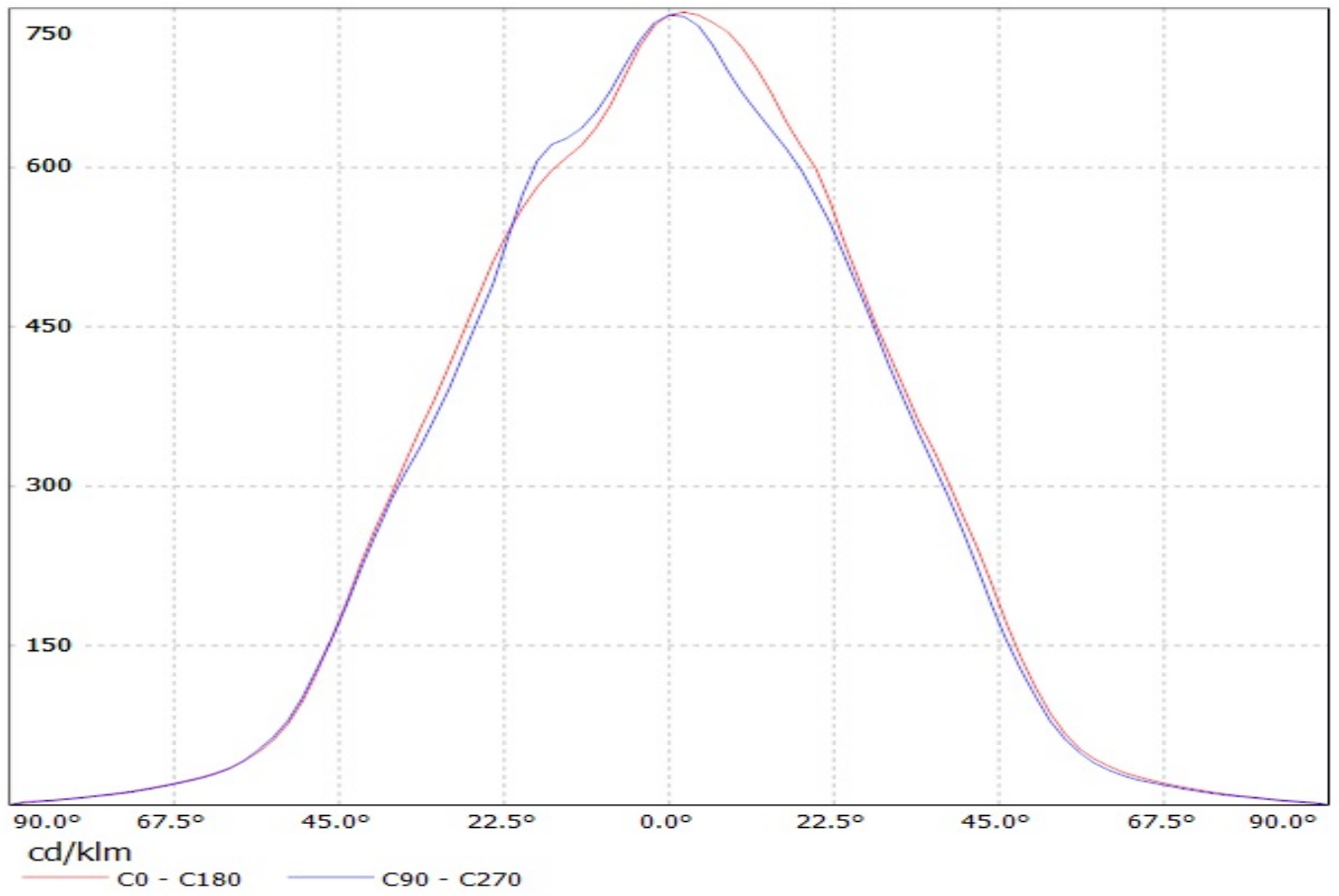
Luminaire: Ledil Oy FA11904_TINA3-WWW (Cree XM-L 90lm @ 250mA) Efficiency=89%
Lamps: 1 x Cree XM-L 90lm @ 250mA



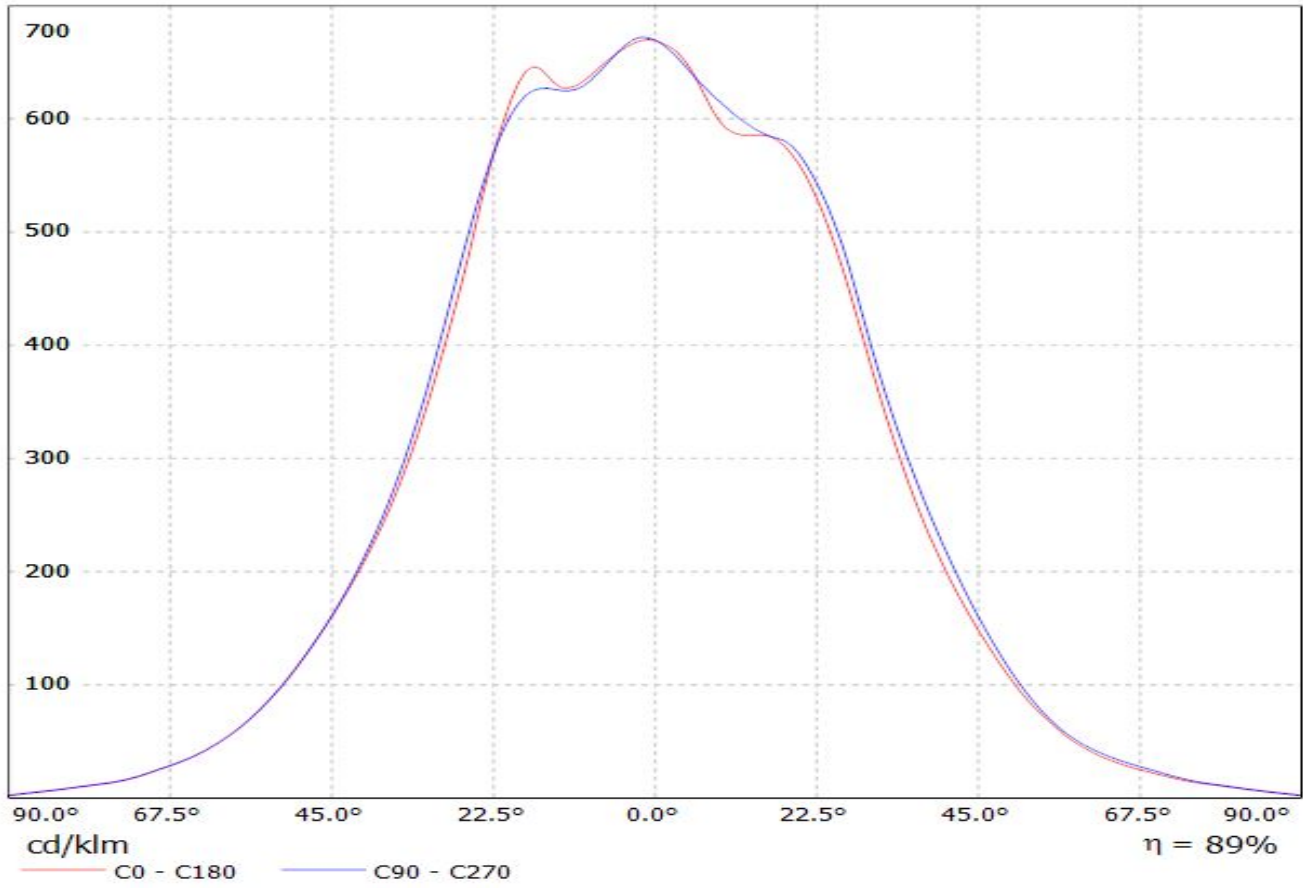
Luminaire: Ledil Oy FA11904_TINA3-WWW (Cree XM-L2 100lm @ 250mA) Efficiency=90%
Lamps: 1 x Cree XM-L2 100lm @ 250mA (XMLBWT-0-7B4-T30-0L-0001) CCT= Cool White P=0,75W I=250mA



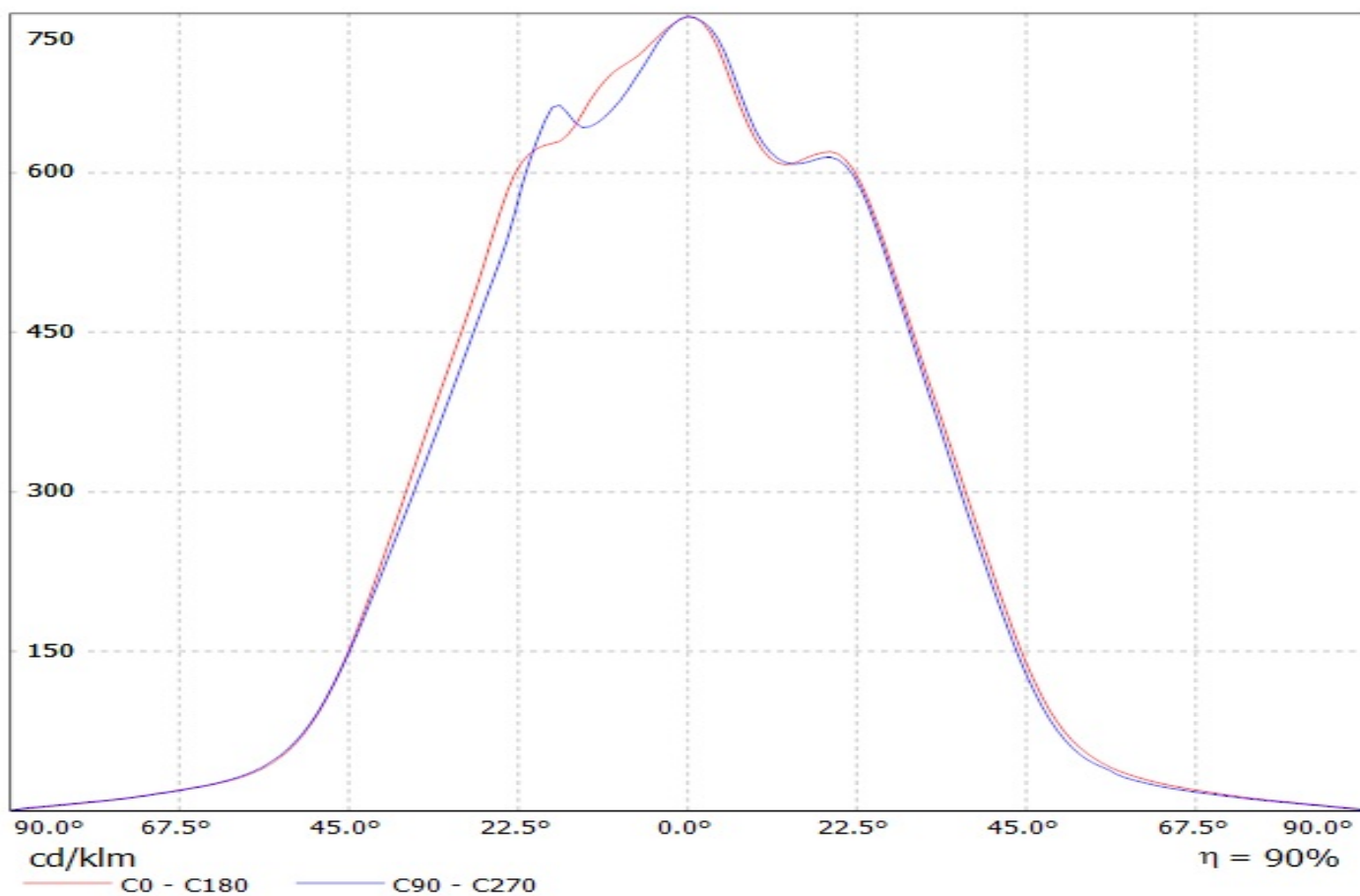
Luminaire: LEDil Oy FA11904_TINA3-WWW_(XP-G2) Efficiency=90%
Lamps: 1 x XP-G2 (XPGBWT-L1-0000-00FE4) 101lm 250mA CCT=6600K P=0.7W I=250mA



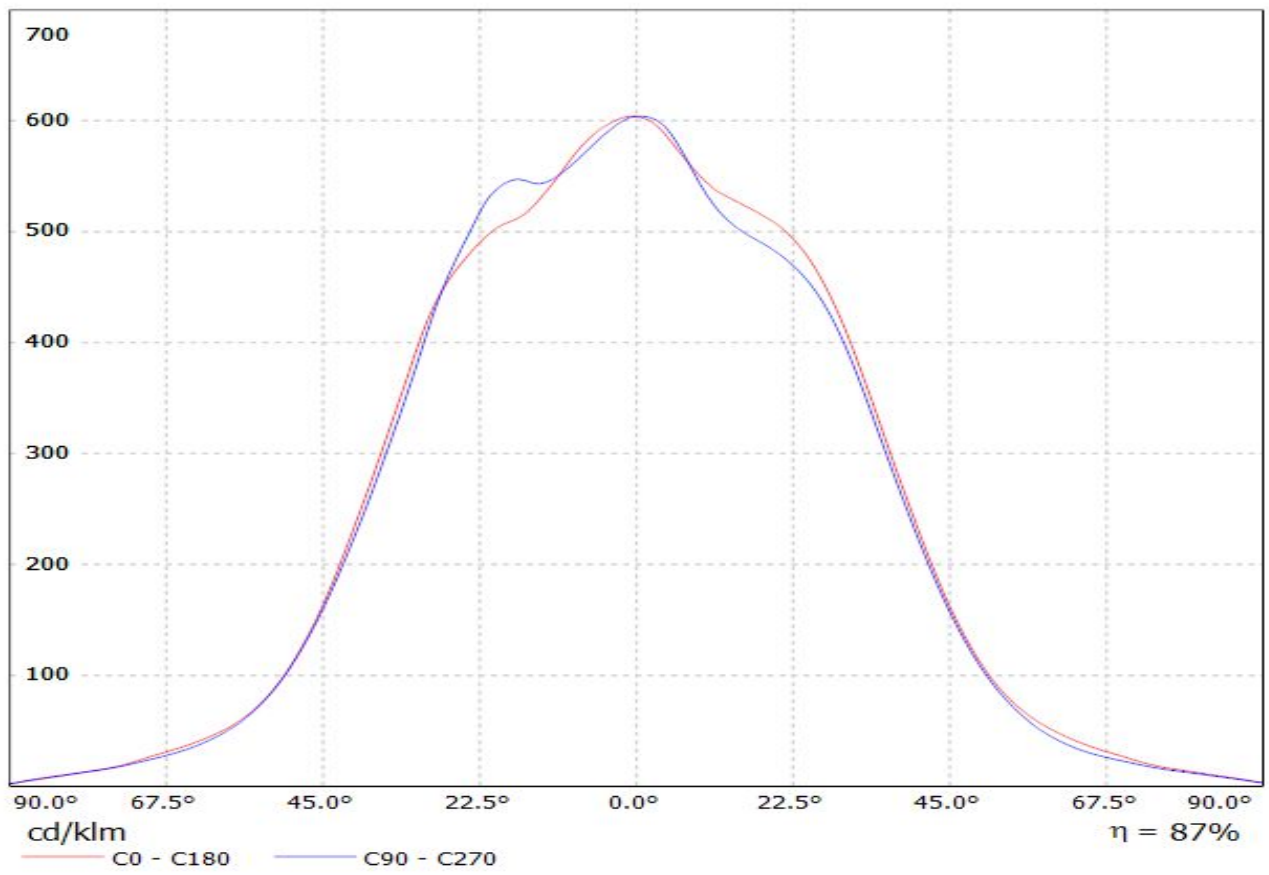
Luminaire: LEDiL Oy FA11904_TINA3-WWW_(XP-L) Eff.88.8%
Lamps: 1 x Cree_XP-L_127.813lm@250mA_P=0.73723W_I=249.9mA



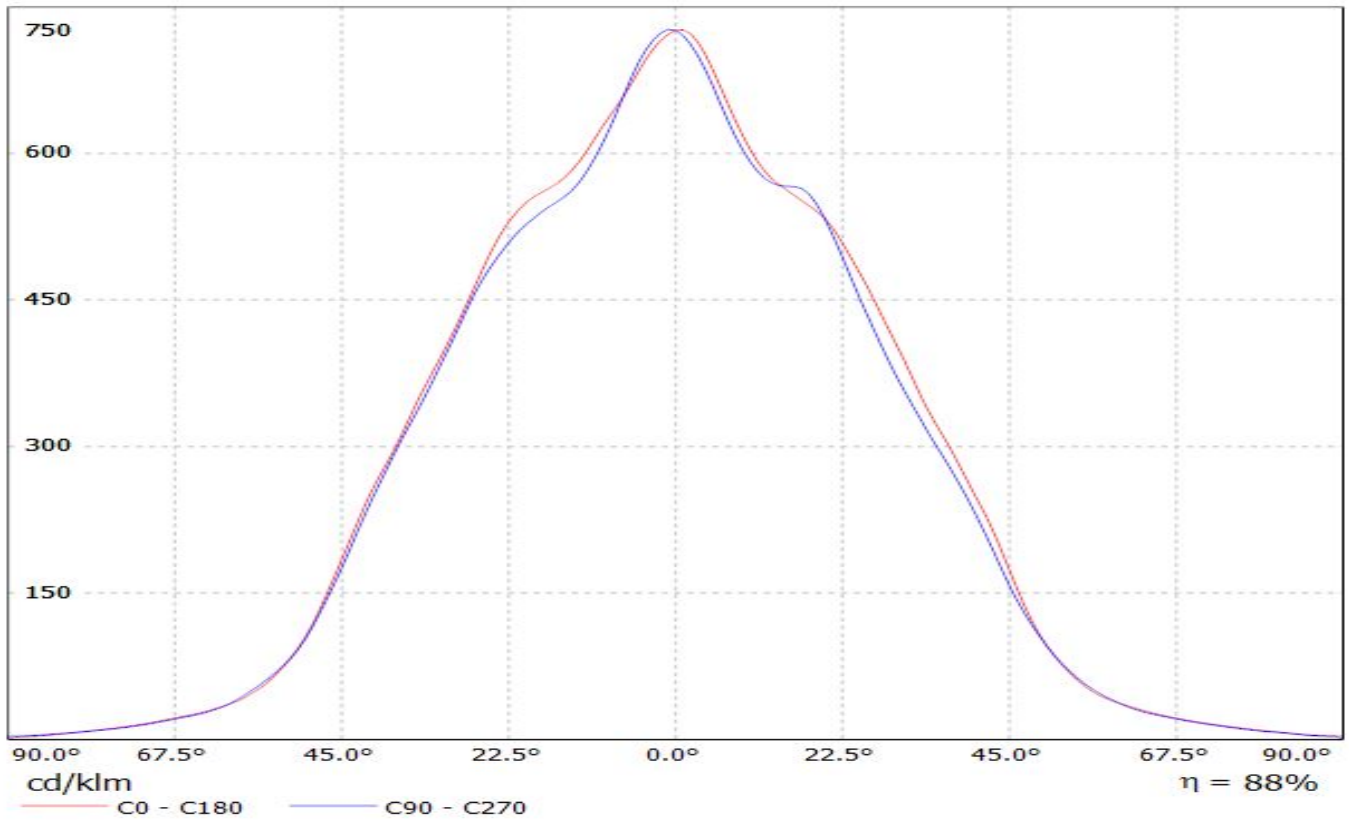
Luminaire: LEDiL Oy FA11904_TINA3-WWW_(XP-L_HI)
Lamps: 1 x Cree_XP-L_HI_113.703lm@250mA_P=0.743328W_I=0.2499A



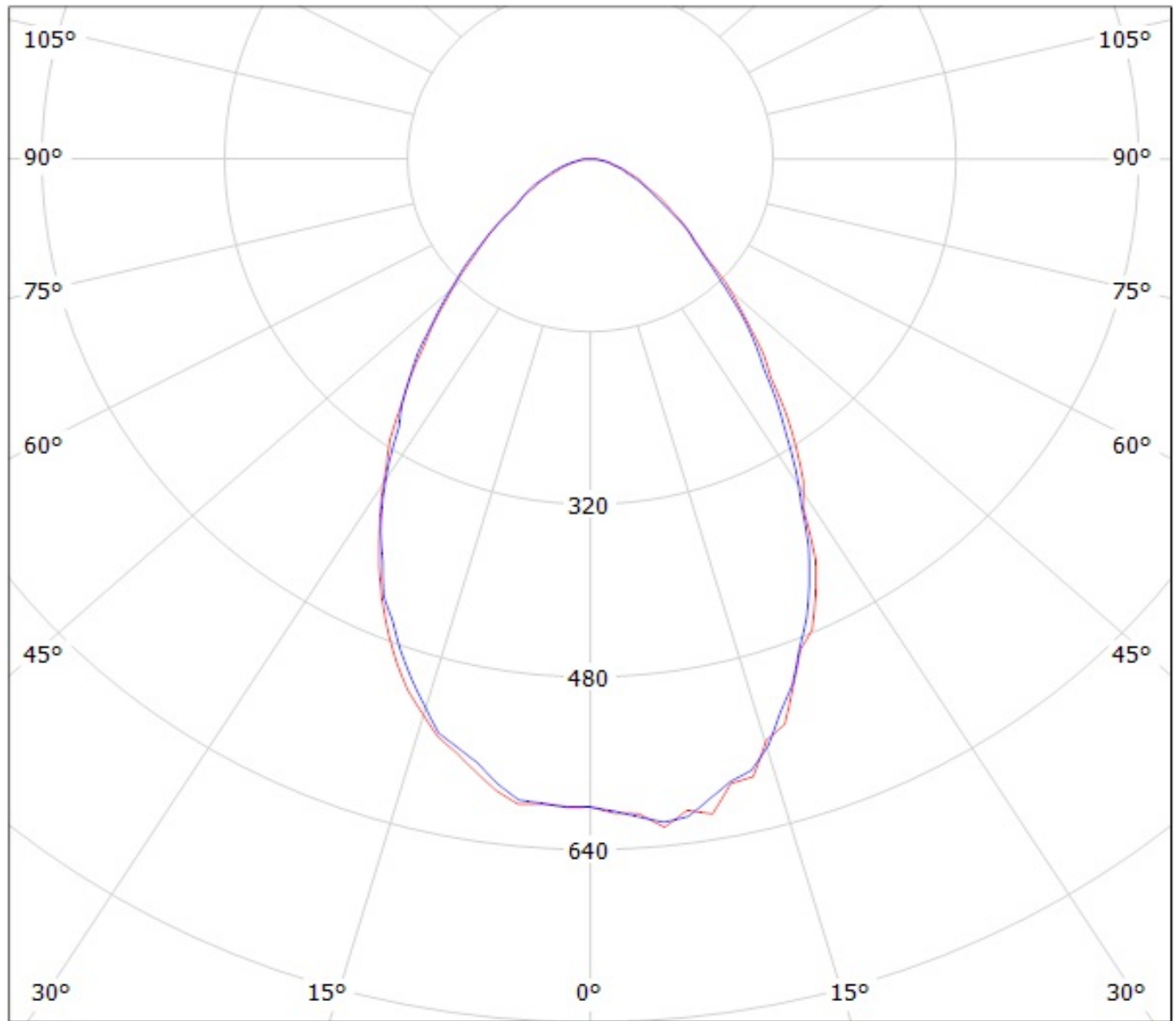
Luminaire: LEDiL Oy FA11904_TINA3-WWW_(NS9x383) Eff. 87%
Lamps: 1 x Nichia NS9x383 (105lm@250mA)



Luminaire: LEDiL Oy FA11094_TINA3-WWW_(Z5M1)
Lamps: 1 x SEOUL Z5M1 SZ5-M1-W0-C8 / W1-A5-G



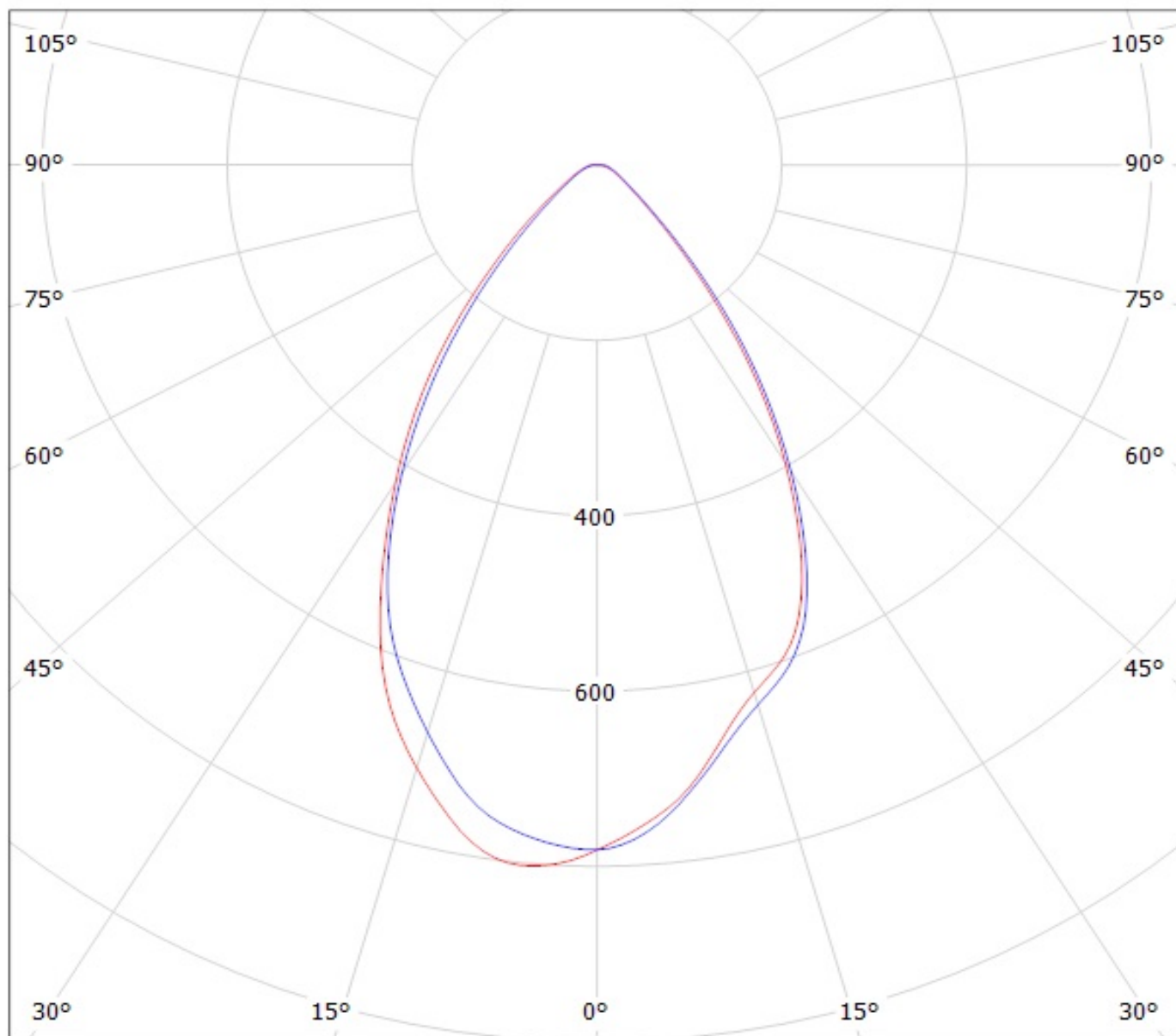
Luminaire: Ledil Oy FA11904_TINA3-WWW (Cree XM-L 90lm @ 250mA) Efficiency=89%
Lamps: 1 x Cree XM-L 90lm @ 250mA



cd/klm

— C0 - C180 — C90 - C270

Luminaire: LEDiL Oy FA11904-Tina3-WWW_(XT-E) Eff.88.7%
Lamps: 1 x Cree XT-E (98.7638lm@250mA)

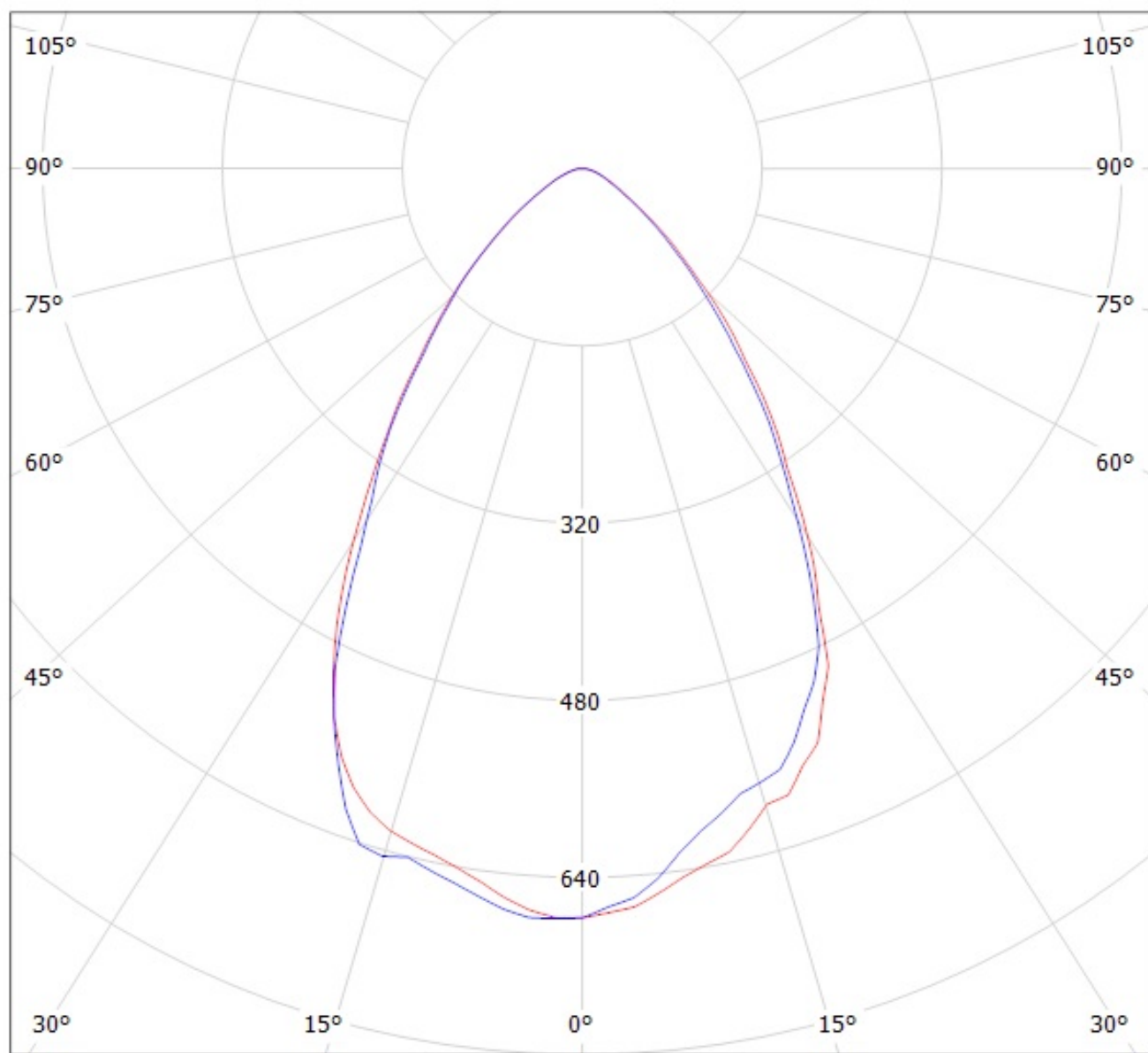


cd/klm

— C0 - C180

— C90 - C270

Luminaire: Ledil Oy FA11904_TINA3-WWW (Cree XM-L2 100lm @ 250mA) Efficiency=90%
Lamps: 1 x Cree XM-L2 100lm @ 250mA (XMLBWT-0-7B4-T30-0L-0001) CCT= Cool White P=0,75W I=250mA

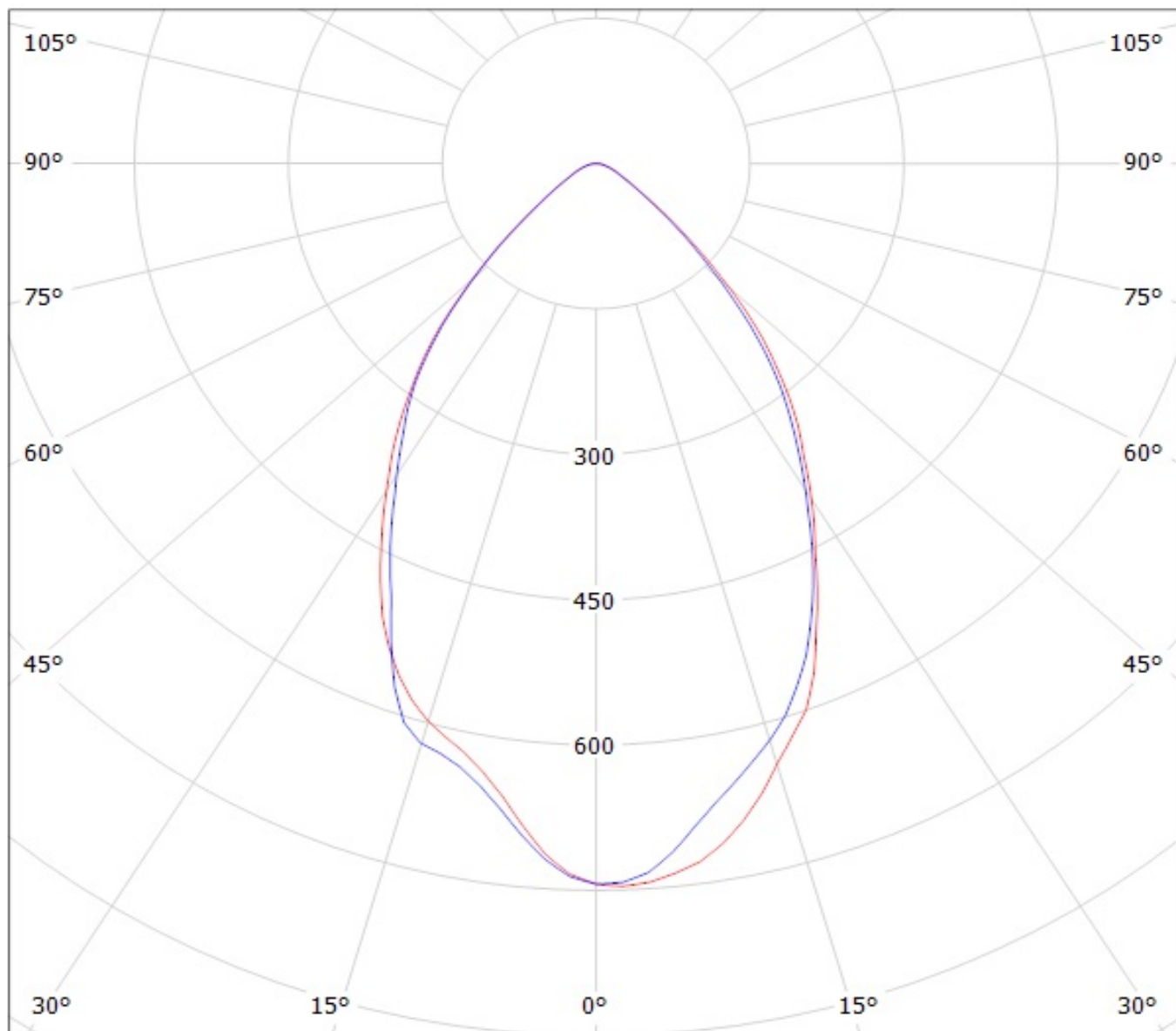


cd/klm

— C0 - C180 — C90 - C270

Luminaire: LEDil Oy FA11904_TINA3-WWW_(XP-G2) Efficiency=90%

Lamps: 1 x XP-G2 (XPGBWT-L1-0000-00FE4) 101lm 250mA CCT=6600K P=0.7W I=250mA

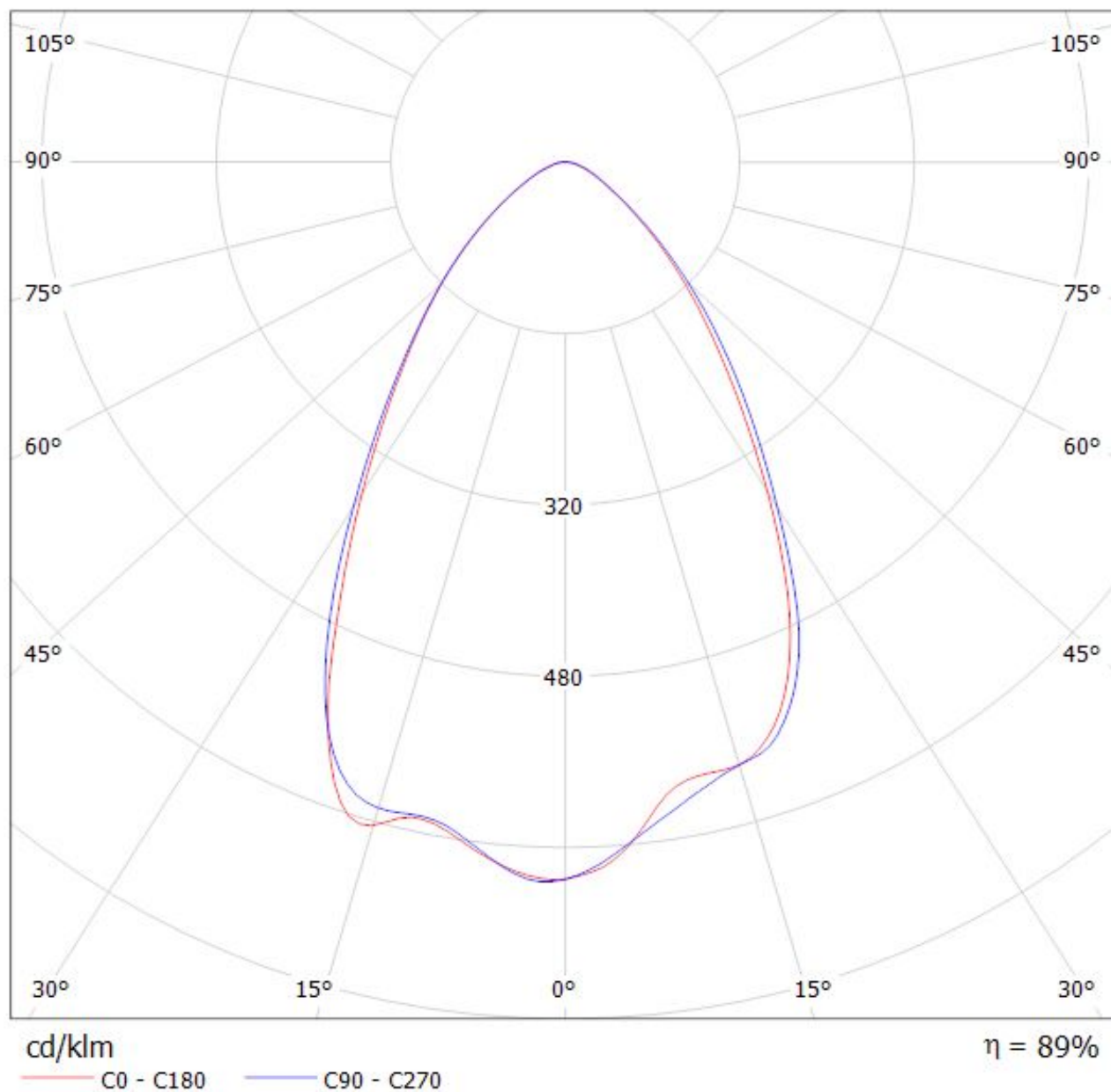


cd/klm

— C0 - C180

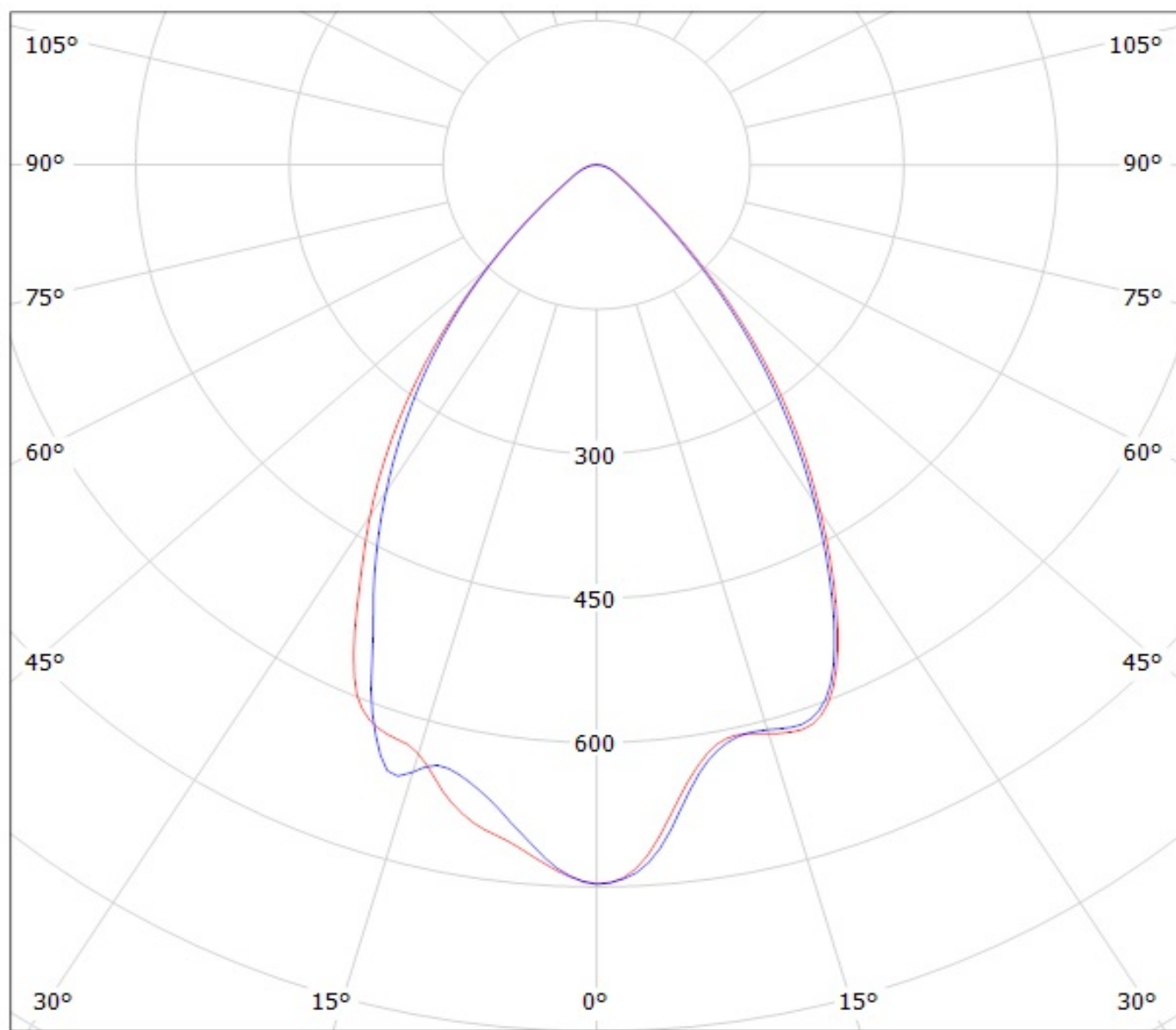
— C90 - C270

Luminaire: LEDiL Oy FA11904_TINA3-WWW_(XP-L) Eff.88.8%
Lamps: 1 x Cree_XP-L_127.813lm@250mA_P=0.73723W_I=249.9mA



Luminaire: LEDiL Oy FA11904_TINA3-WWW_(XP-L_HI)

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



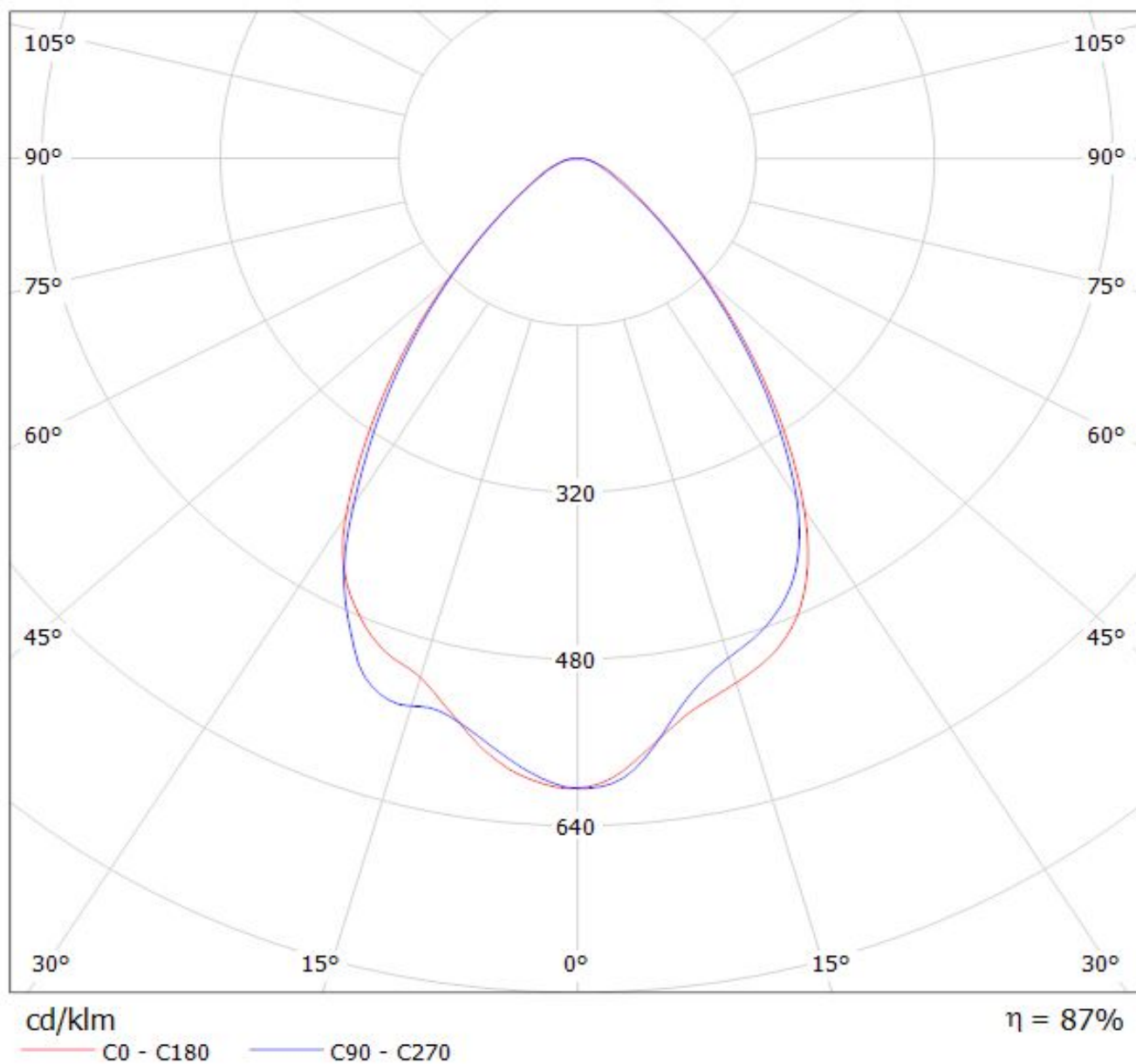
cd/klm

— C0 - C180

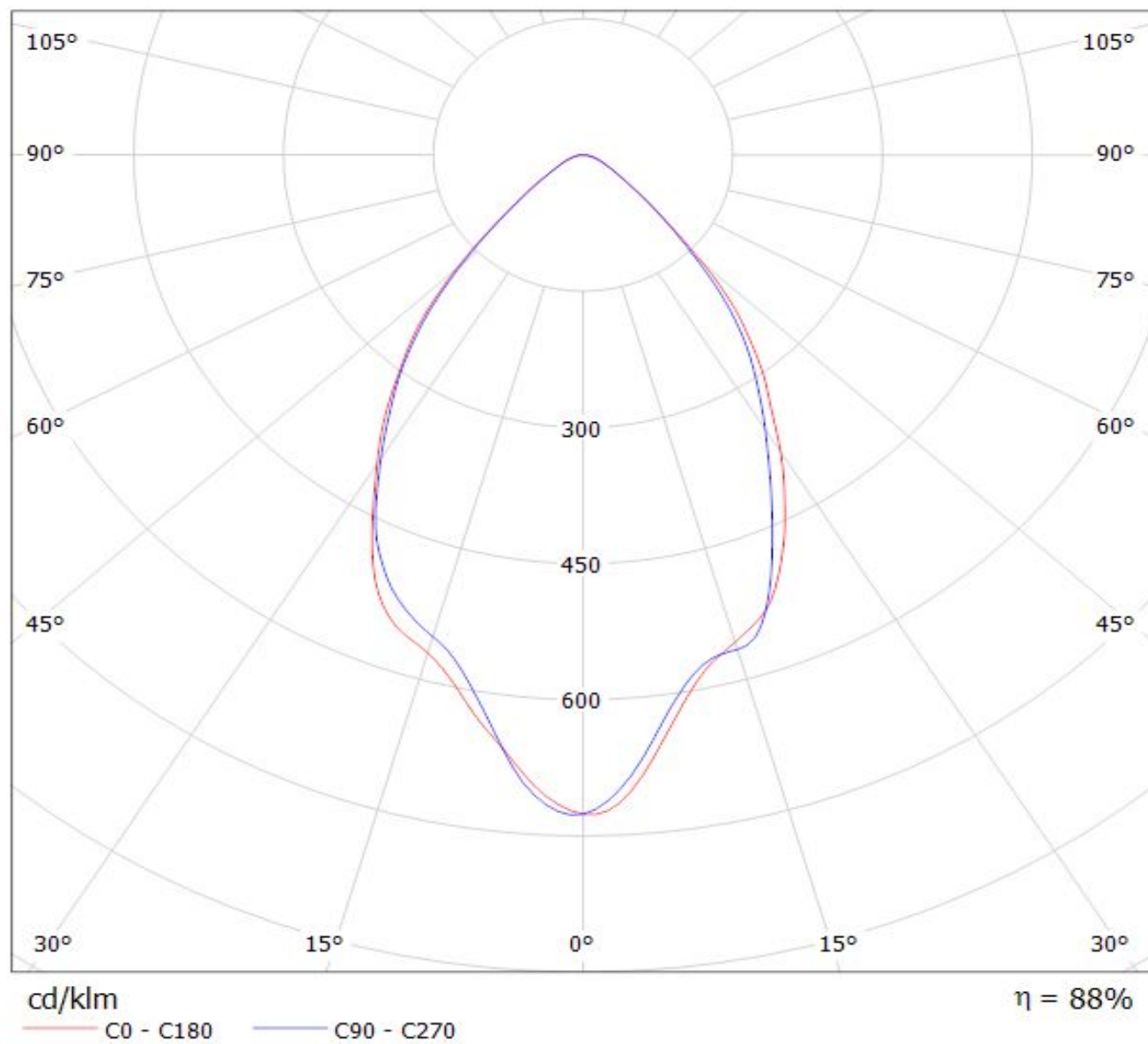
— C90 - C270

$\eta = 90\%$

Luminaire: LEDiL Oy FA11904_TINA3-WWW_(NS9x383) Eff. 87%
Lamps: 1 x Nichia NS9x383 (105lm@250mA)



Luminaire: LEDiL Oy FA11094_TINA3-WWW_(Z5M1)
Lamps: 1 x SEOUL Z5M1 SZ5-M1-W0-C8 / W1-A5-G



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.