

DETAILS

Product Number	C15481_STRADELLA-8-VSM
Family	Stradella
Type	Lens array
Color	clear
Diameter	49,5+49,5 mm
Height	5,5 mm
Style	rectang
Optic Material	PMMA
Holder Material	
Fastening	pin, screw
Status	production ready
ROHS Compliant	Yes
Date Updated	17/11/2016



OPTICAL PROPERTIES

LED	Viewing	Light	Effi-	cd/lm	Connector
	Angle	Beam	ciency		
QUICK FLUX XT 2x8 xxx STRDLL G5	146 deg	Wide-Area...	94 %	0.420	-
XT-E	147 deg	Wide-Area...	94 %	0.420	-
XP-G2	sim: 152	Wide-Area...	sim: 94 %	sim: 0.440	-
XP-G3	sim: 152	Wide-Area...	sim: 94 %	sim: 0.360	-
LUXEON 3030 2D	137 deg	Wide-Area...	94 %	0.530	-
LUXEON 3535 2D	sim: 143	Wide-Area...	sim: 94 %	sim: 0.490	-
LUXEON FlipChip White 10	sim: 136	Wide-Area...	sim: 89 %	sim: 0.440	-
NF2x757D	sim: 140	Wide-Area...	sim: 94 %	sim: 0.560	-
NCSxE17A	sim: 134	Wide-Area...	sim: 94 %	sim: 0.590	-
NVSxE21A	sim: 135	Wide-Area...	sim: 94 %	sim: 0.500	-
Oslon Square Gen3	sim: 144	Wide-Area...	sim: 94 %	sim: 0.480	-
LH351C	sim: 150	Wide-Area...	sim: 91 %	sim: 0.540	-
Z8Y22P	146 deg	Wide-Area...	94 %	0.400	-
Z8Y19	sim: 139	Wide-Area...	sim: 93 %	sim: 0.430	-

D

C

B

A

4

4

3

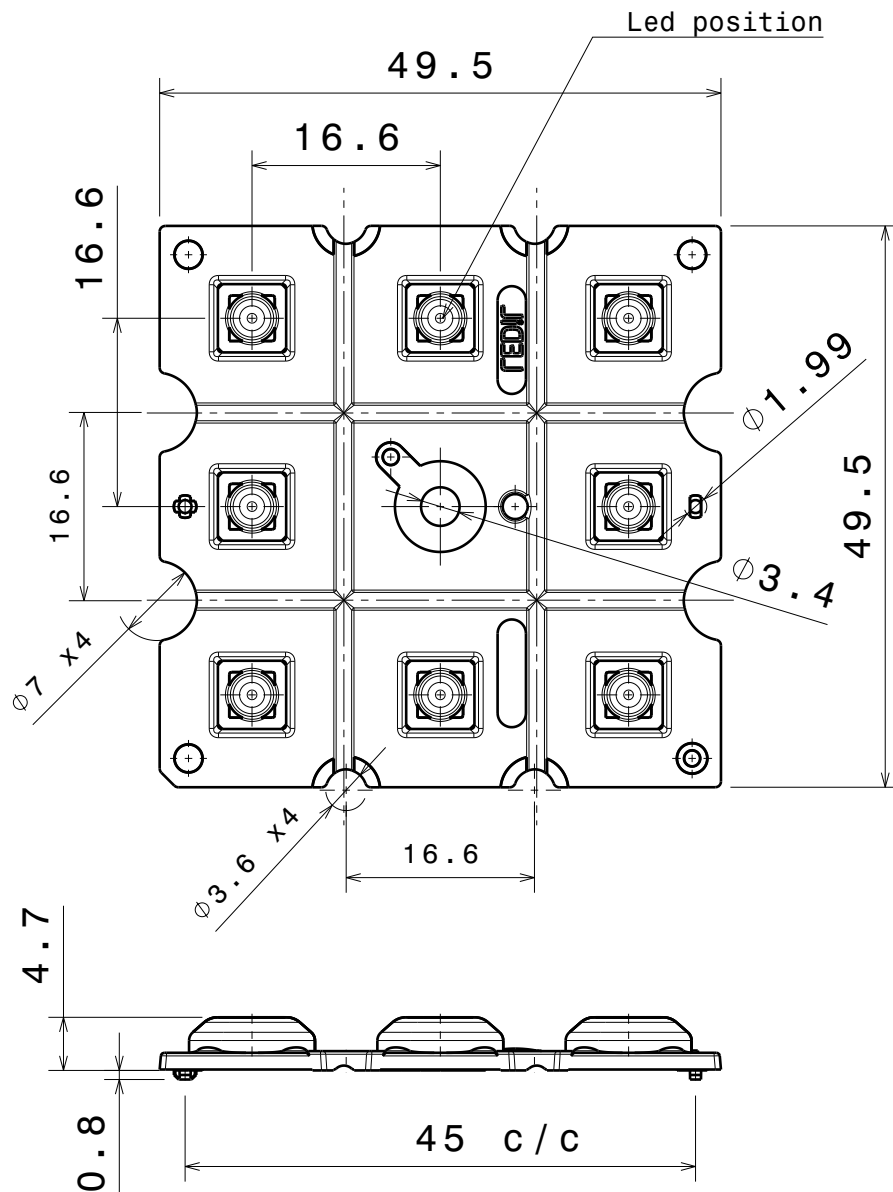
3

2

2

1

1



INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	-	STRADELLA-8-VSM	PMMA	clear

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
Datasheet STRADELLA-8-VSM

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SIZE PART NUMBER
A4 C15481

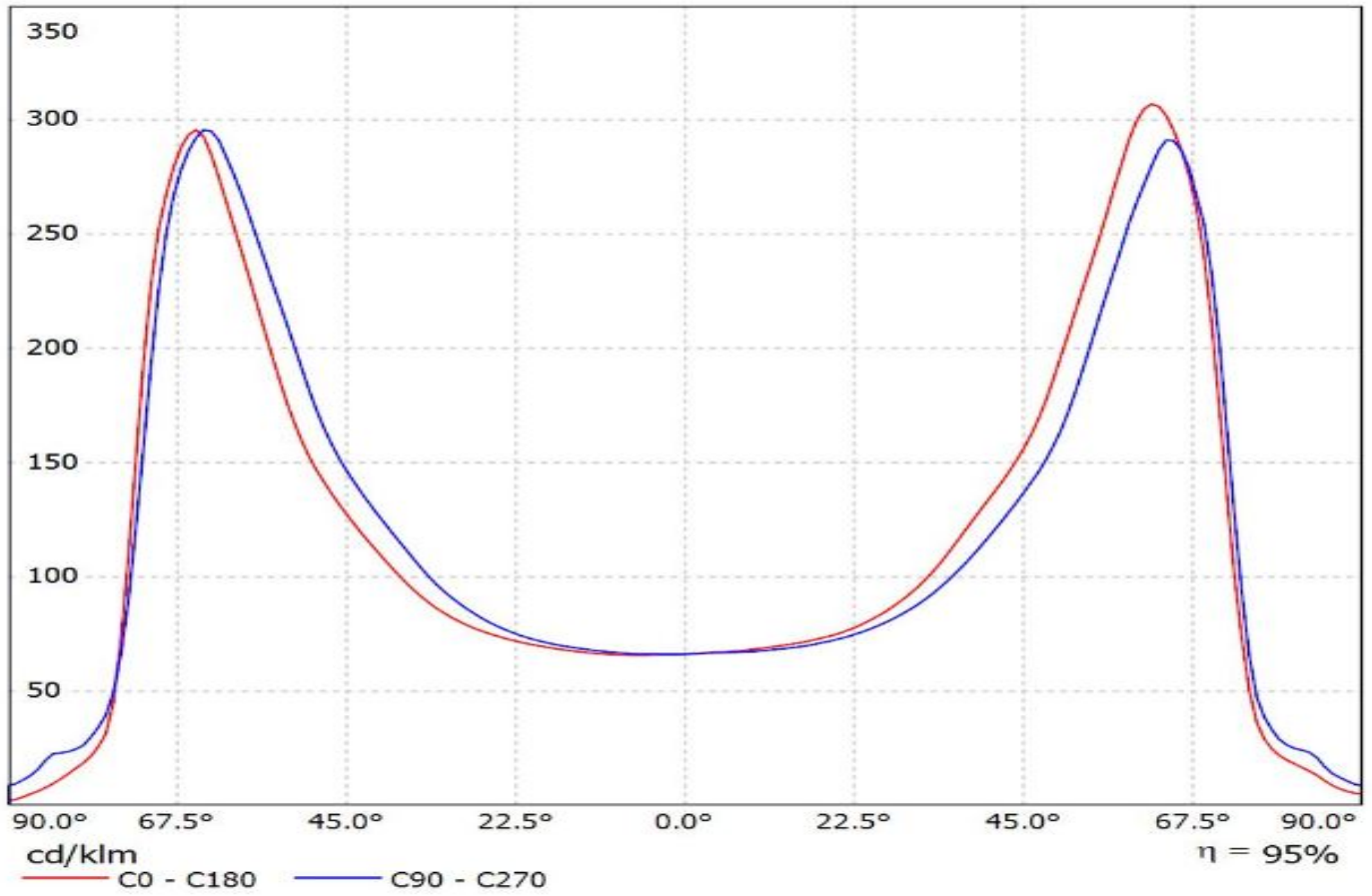
SCALE 3:2 WEIGHT 5,6g SHEET 1/1

D

A

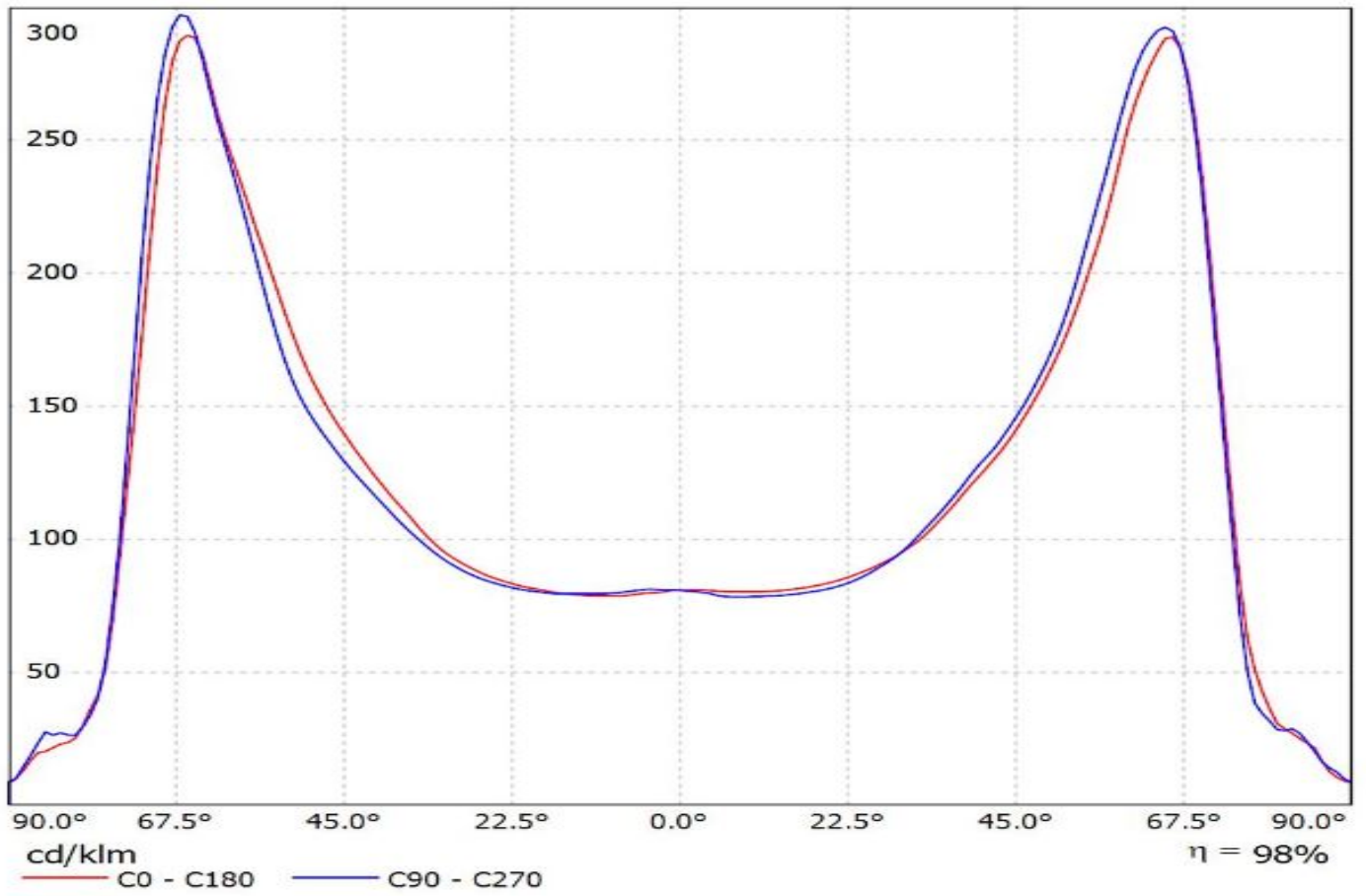
Luminaire: Ledil C15481_STRADELLA-8-VSM_(QUICK-FLUX-EngXP-750-StrdII16)

Lamps: 1 x Cree_XT-E-HE_QUICK-FLUX-EngXP-750-StrdII16_1847.62lm@250mA_P=11.5481W_I=0.25A

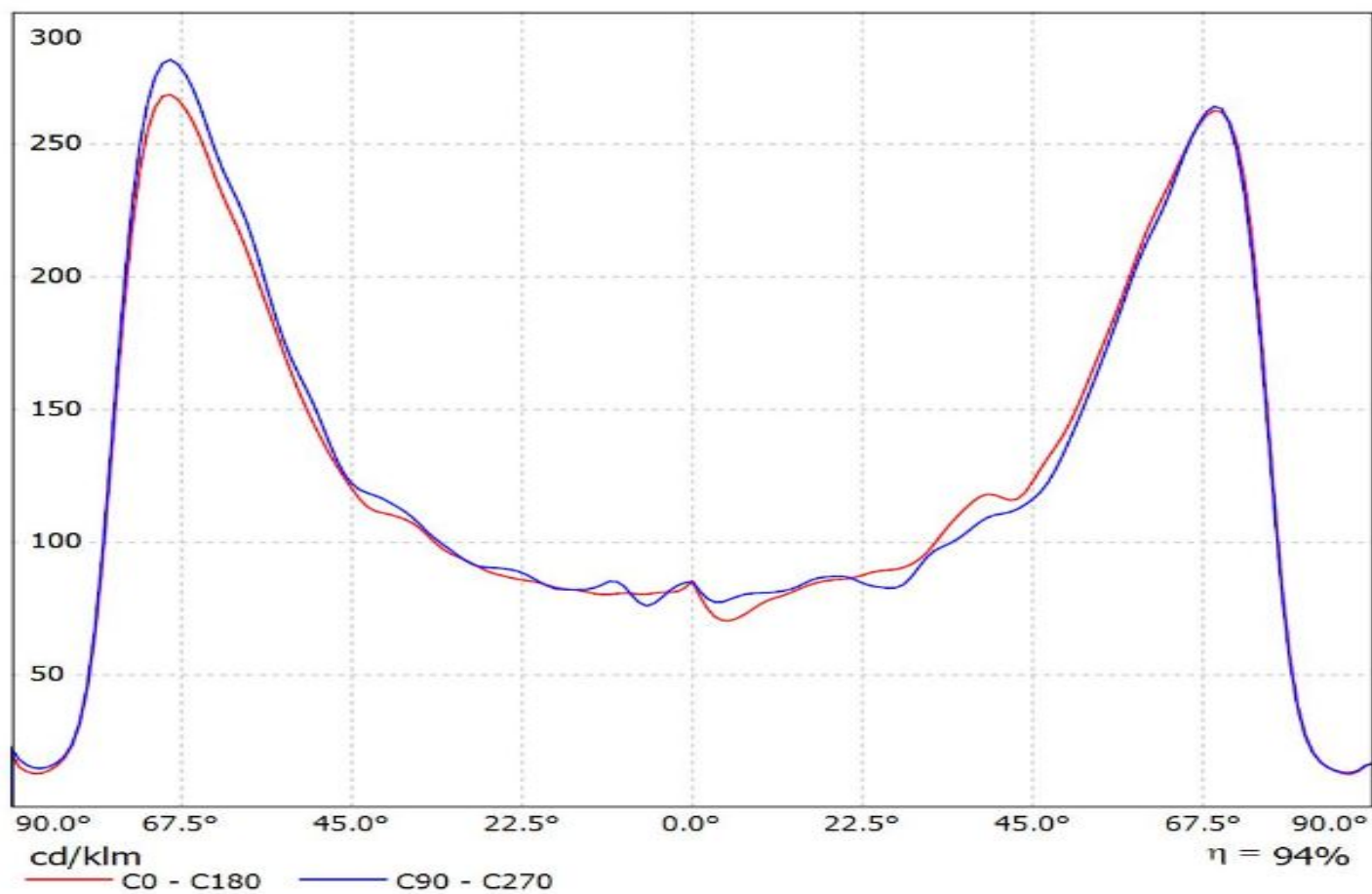


Luminaire: Ledil C15481_STRADELLA-8-VSM_(XT-E)

Lamps: 1 x Cree_XT-E_x8_(XTEAWT-0-2A0-R30-FB0001)_795.968lm@250mA_P=5.968W_I=0.250A

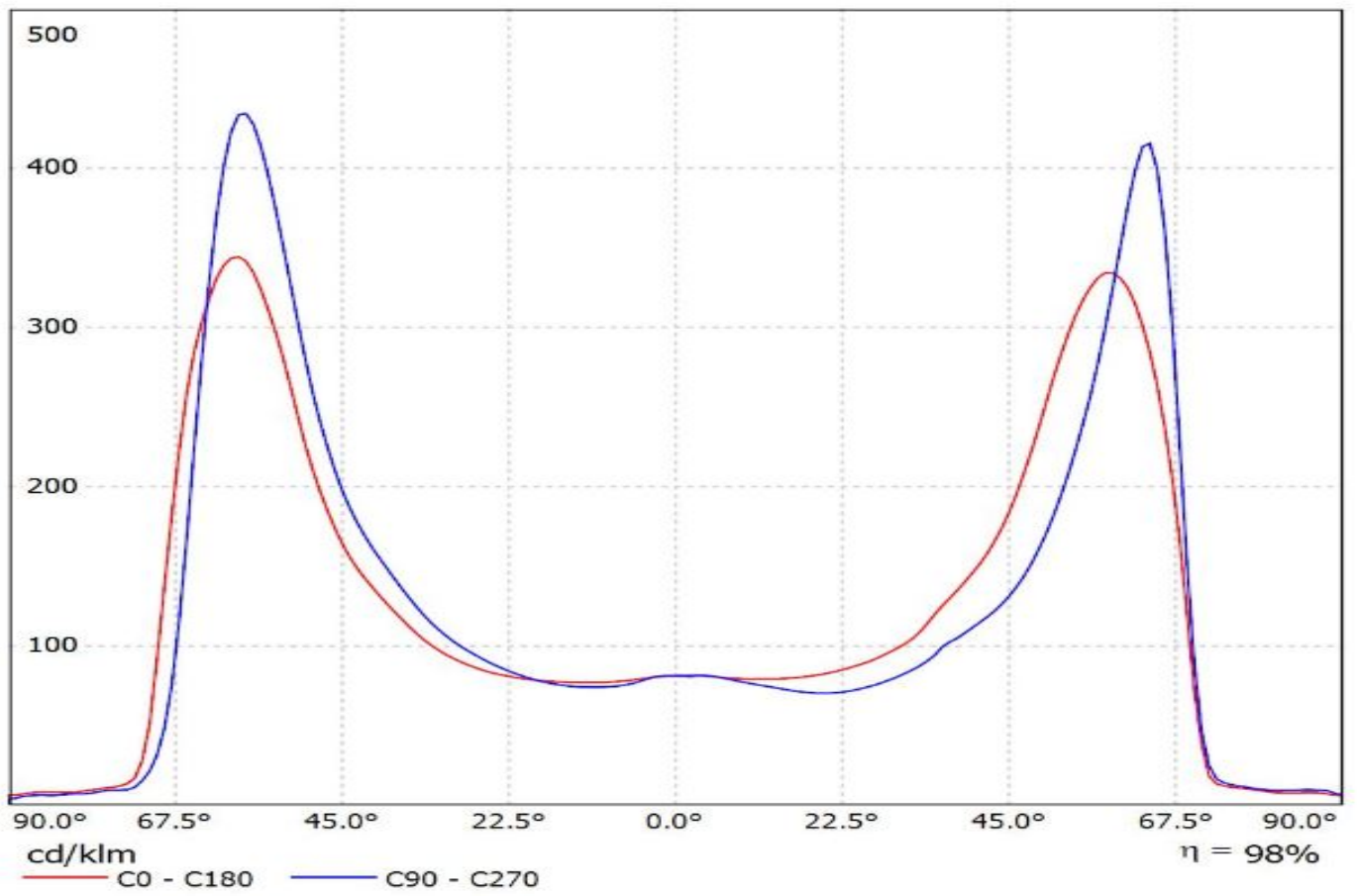


Luminaire: Ledil Oy C15481_STRADELLA-8-VSM_SIMULATED
Lamps: 1 x Cree_XP-G3

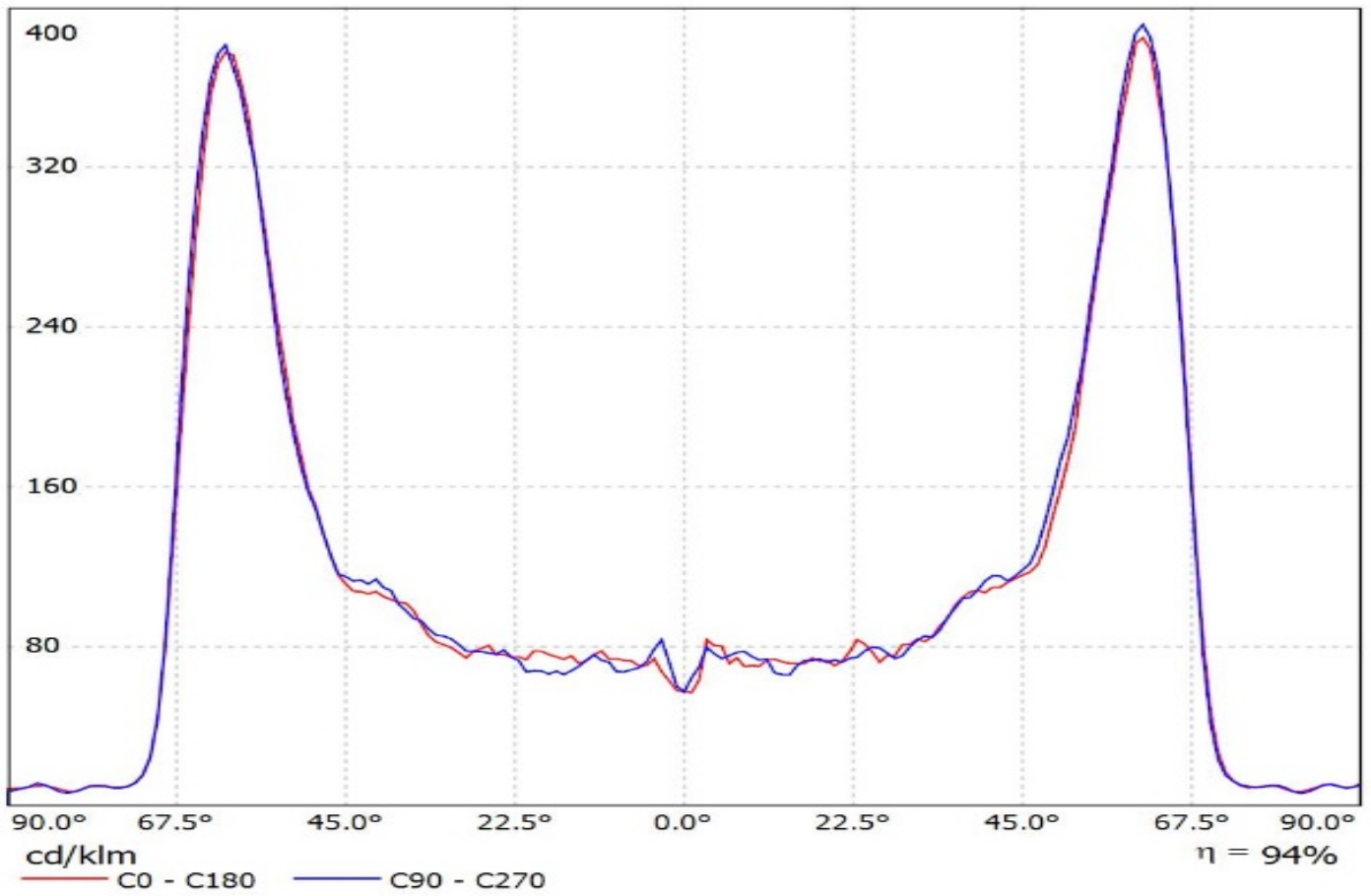


Luminaire: Ledil C15481_STRADELLA-8-VSM_(LUXEON_3030_2D)

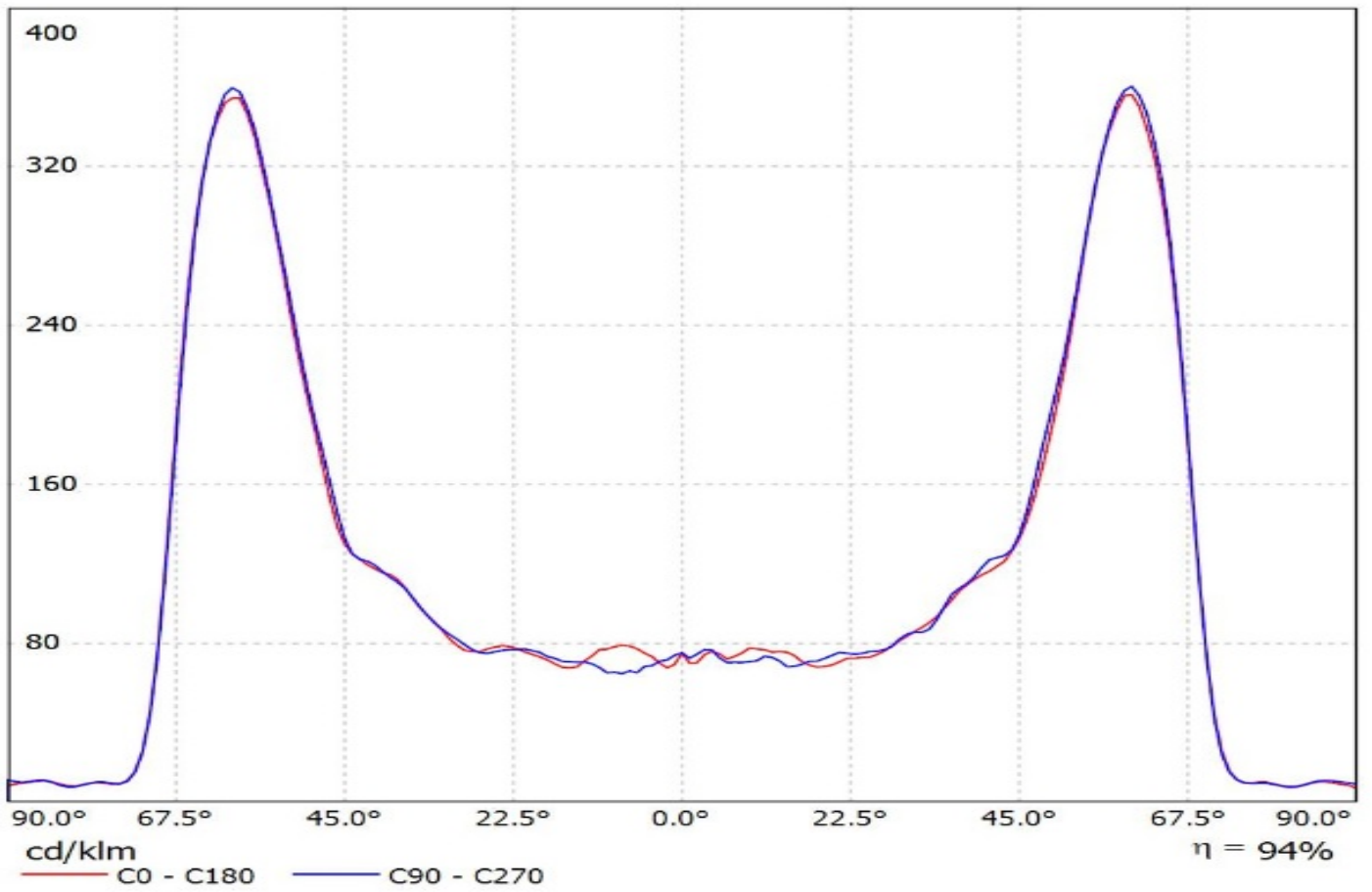
Lamps: 1 x LUXEON_3030_2D_x8_(LI30-2780)_349.021lm@60mA_CCT=2700K_P=2.7455W_I=0.06A



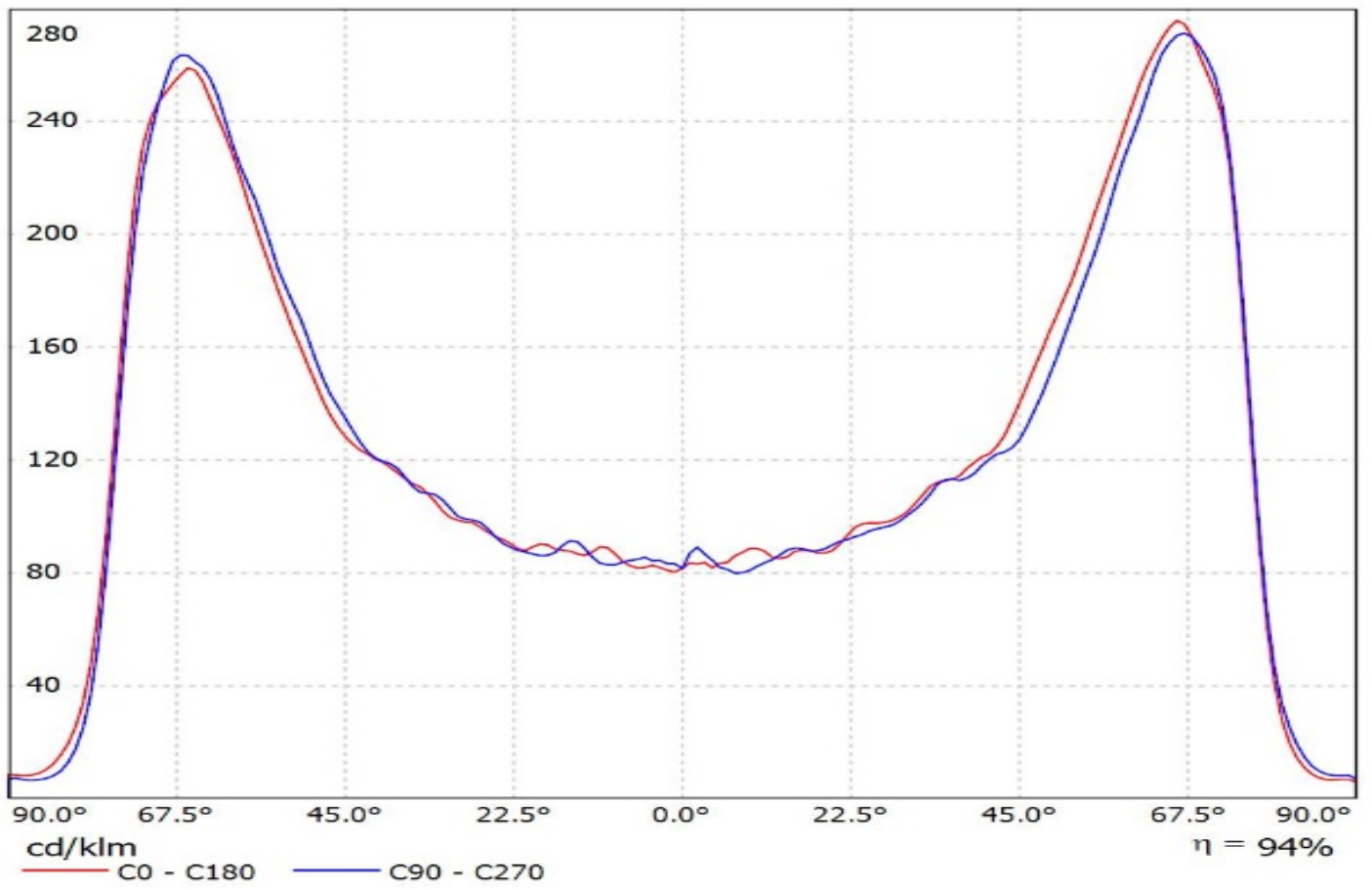
Luminaire: Ledil Oy C15481_STRADELLA-8-VSM_(NCSxE17A)_SIMULATED
Lamps: 1 x Nichia NCSWE17A



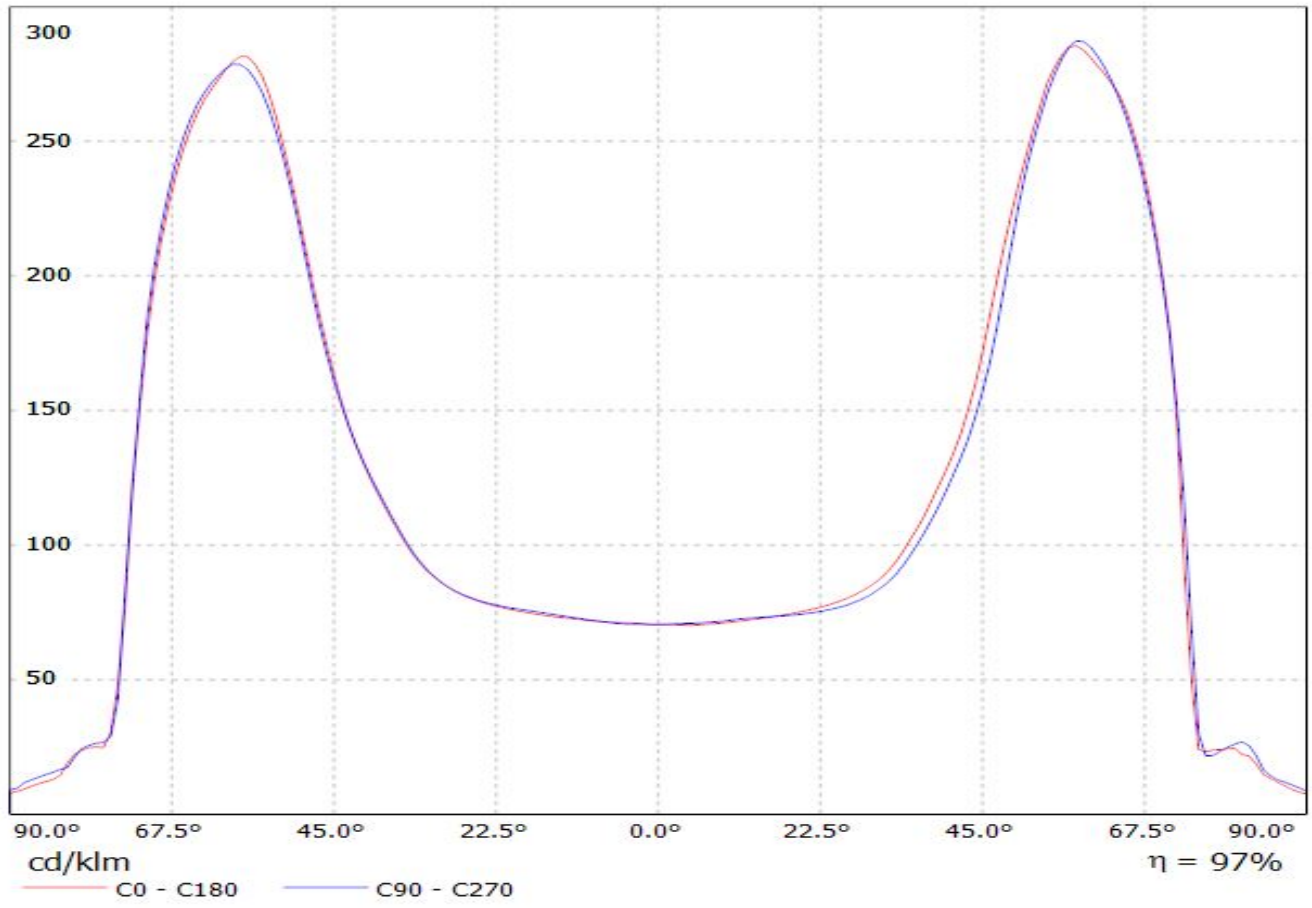
Luminaire: Ledil Oy C15481_STRADELLA-8-VSM_(NVSxE21A)_SIMULATED
Lamps: 1 x Nichia NVSWE21A



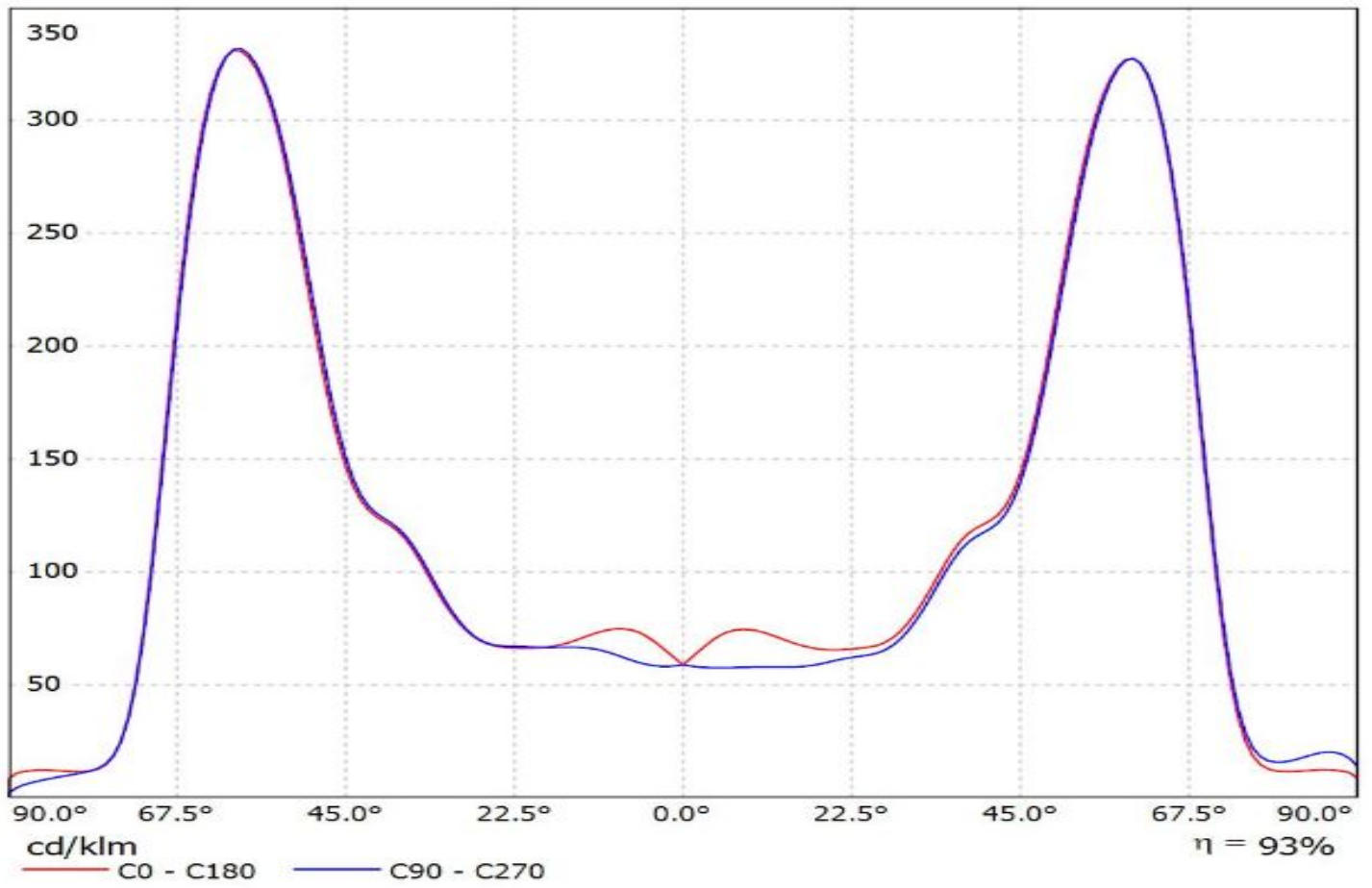
Luminaire: Ledil Oy C15481_STRADELLA-8-VSM_(LH351C)_SIMULATED
Lamps: 1 x Samsung LH351C



Luminaire: LEDiL Oy C15481_STRADELLA-8-VSM_(Z8Y22P)
Lamps: 1 x Seoul_SZ8-Y22P_(SZ8-Y22-W0-C7-P)_957.081lm@250mA_P=5.49085W_I=0.25A

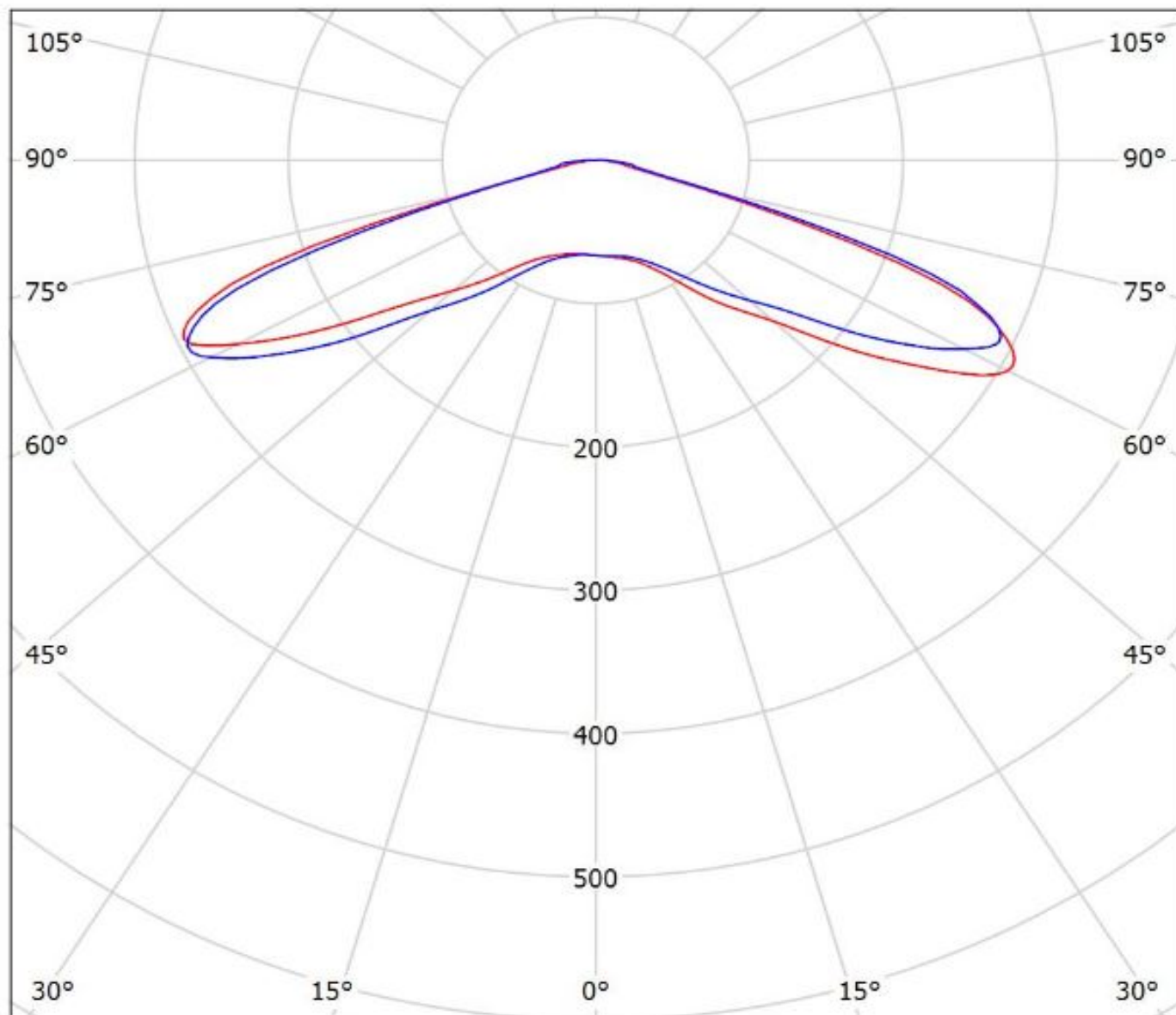


Luminaire: Ledil Oy C15481_STRADELLA-8-VSM_(Z8Y19)_SIMULATED
Lamps: 1 x Seoul Z8Y19



Luminaire: Ledil C15481_STRADELLA-8-VSM_(QUICK-FLUX-EngXP-750-StrdII16)

Lamps: 1 x Cree_XT-E-HE_QUICK-FLUX-EngXP-750-StrdII16_1847.62lm@250mA_P=11.5481W_η=0.25A



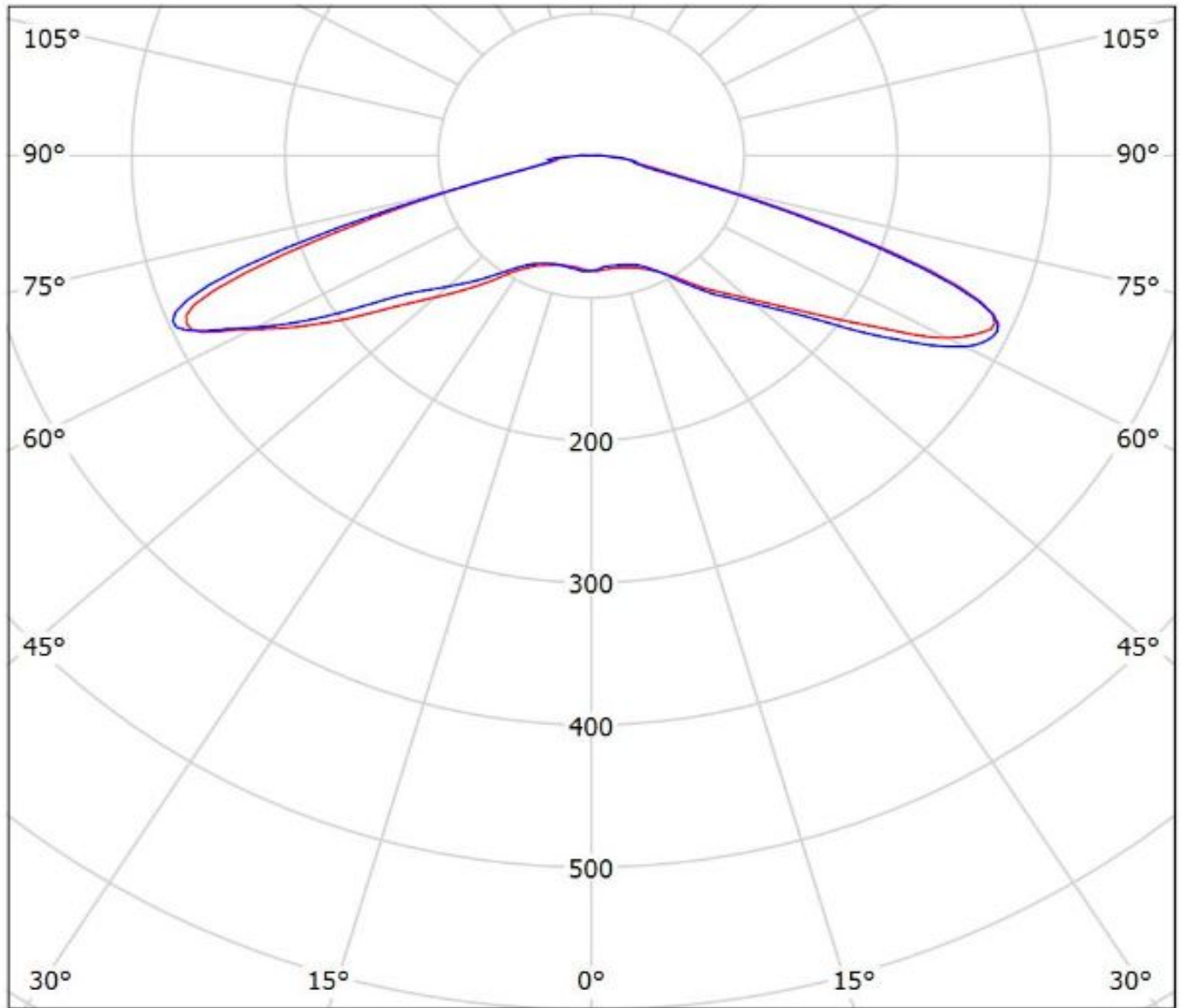
cd/klm

— C0 - C180 — C90 - C270

η = 95%

Luminaire: Ledil C15481_STRADELLA-8-VSM_(XT-E)

Lamps: 1 x Cree_XT-E_x8_(XTEAWT-0-2A0-R30-FB0001)_795.968lm@250mA_P=5.968W_I=0.250A



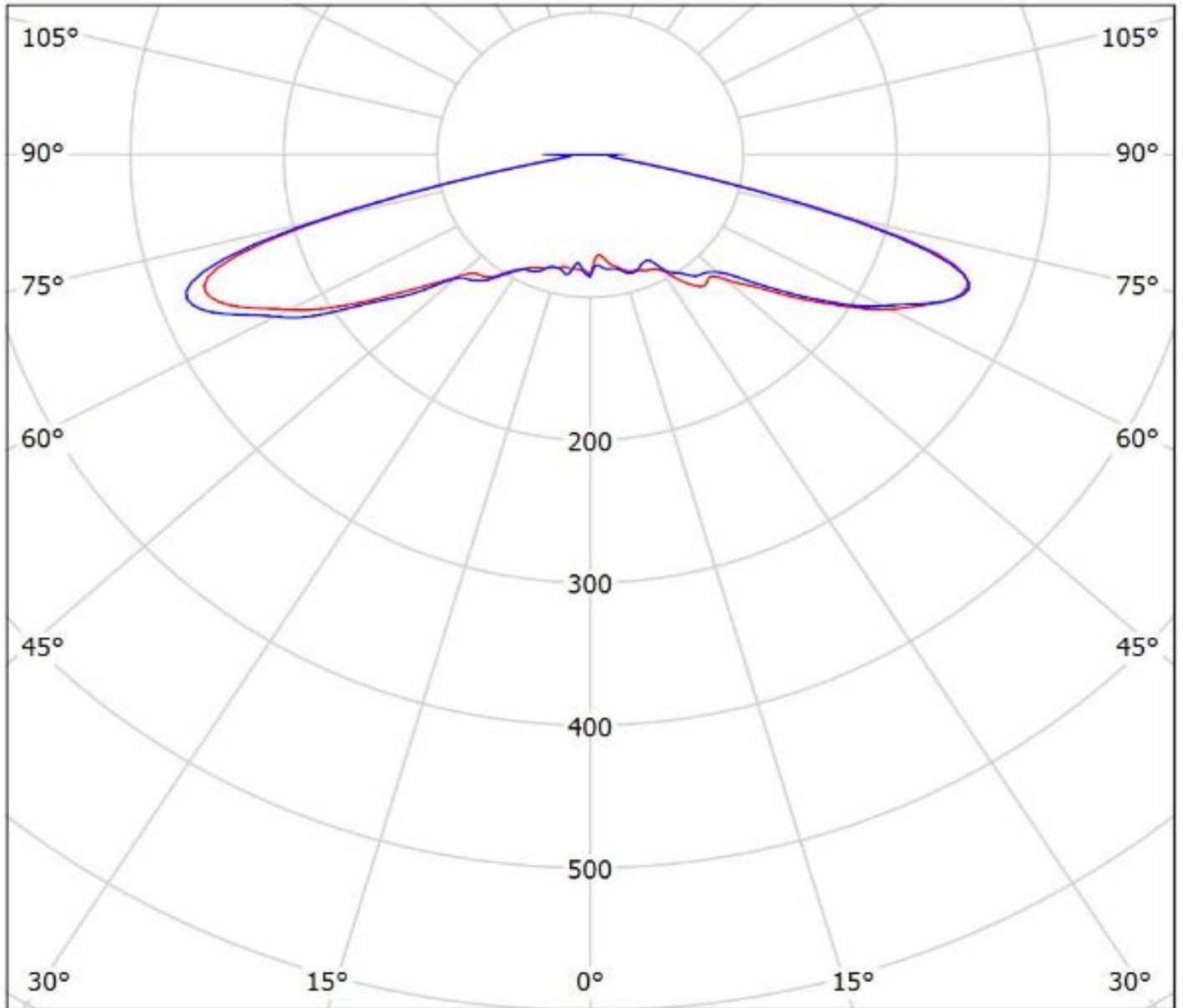
cd/klm

— C0 - C180

— C90 - C270

$\eta = 98\%$

Luminaire: Ledil Oy C15481_STRADELLA-8-VSM_SIMULATED
Lamps: 1 x Cree_XP-G3

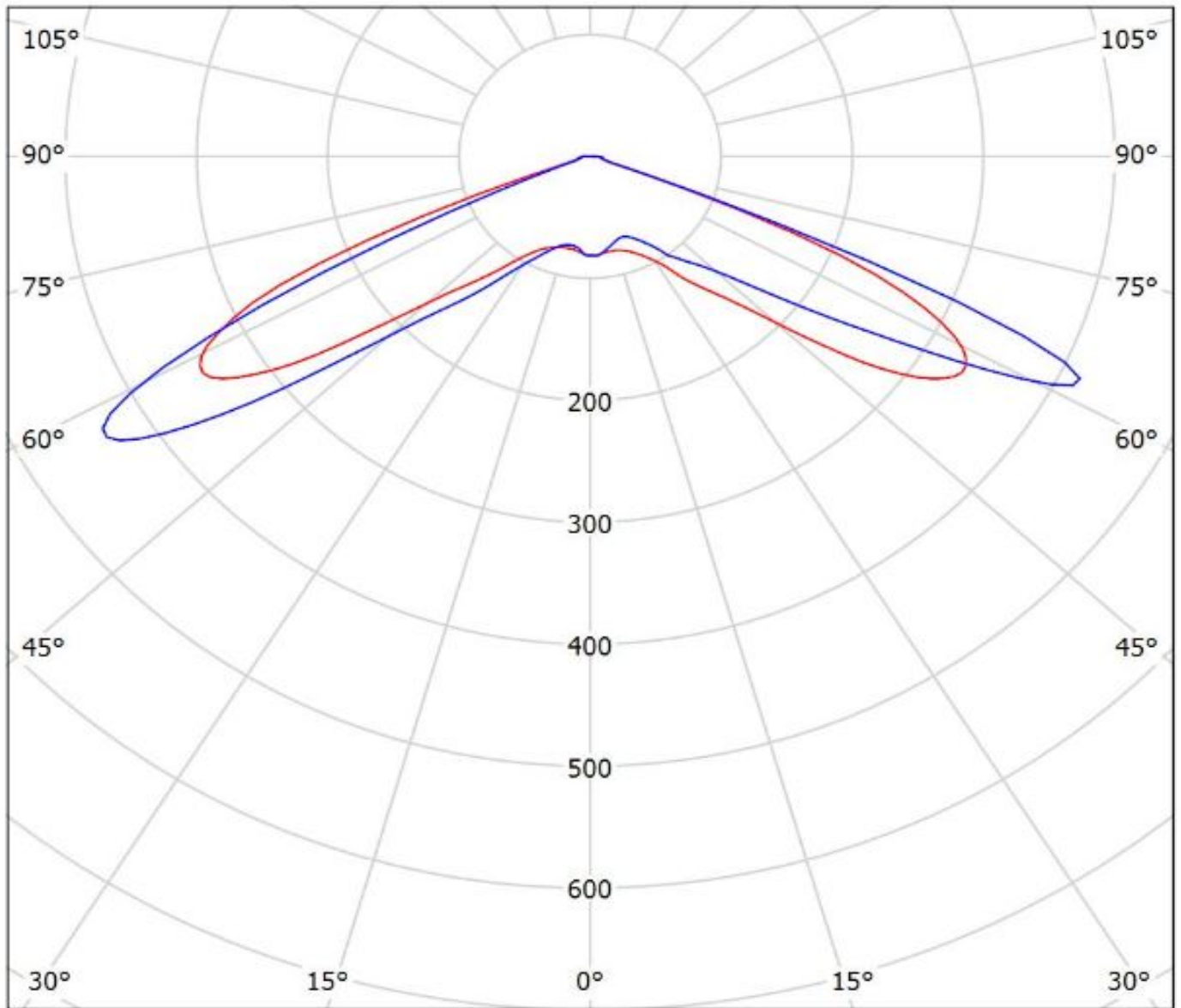


cd/klm
— C0 - C180 — C90 - C270

$\eta = 94\%$

Luminaire: Ledil C15481_STRADELLA-8-VSM_(LUXEON_3030_2D)

Lamps: 1 x LUXEON_3030_2D_x8_(LI30-2780)_349.021lm@60mA_CCT=2700K_P=2.7455W_I=0.06A

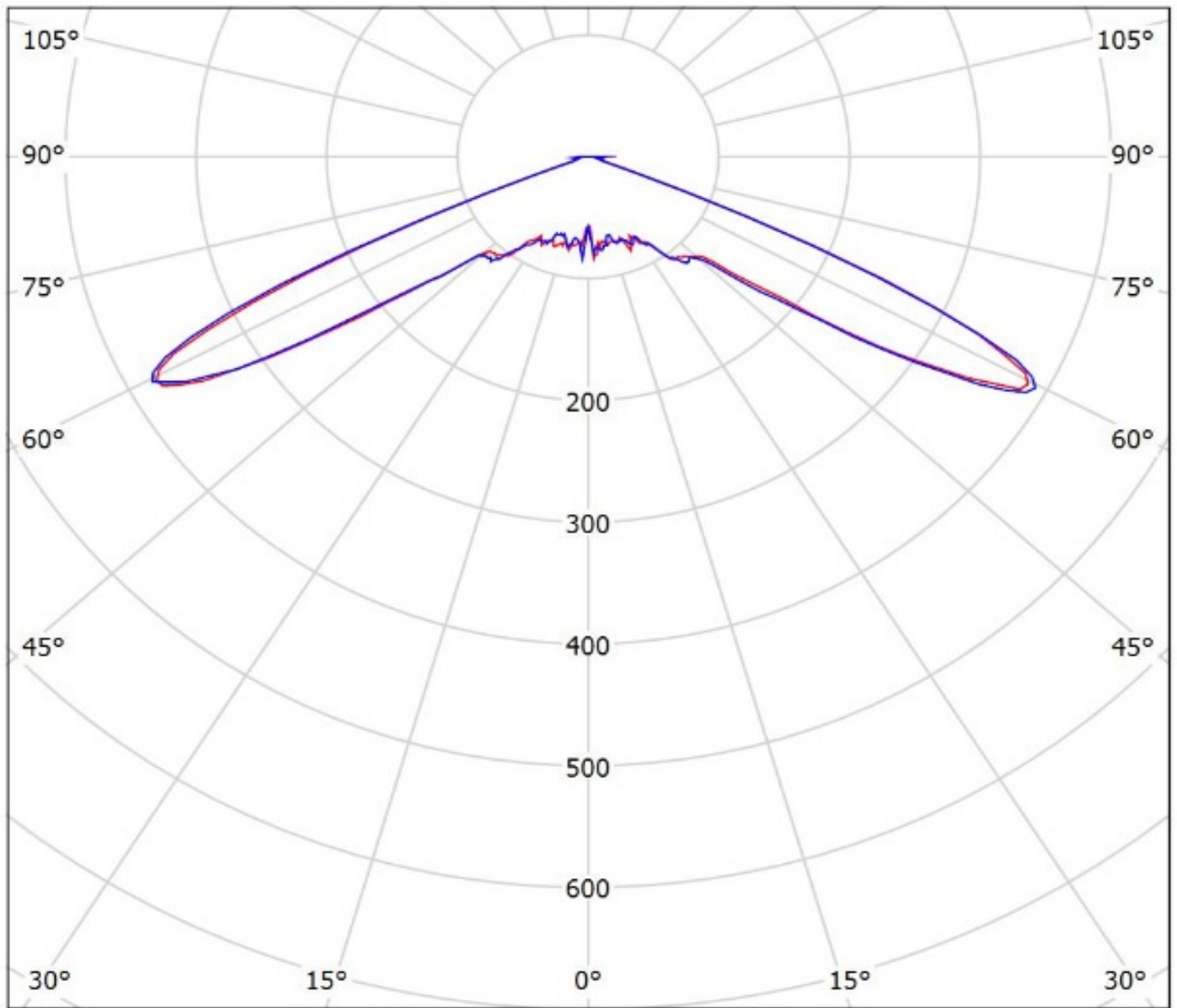


cd/klm

— C0 - C180 — C90 - C270

$\eta = 98\%$

Luminaire: Ledil Oy C15481_STRADELLA-8-VSM_(NCSxE17A)_SIMULATED
Lamps: 1 x Nichia NCSWE17A

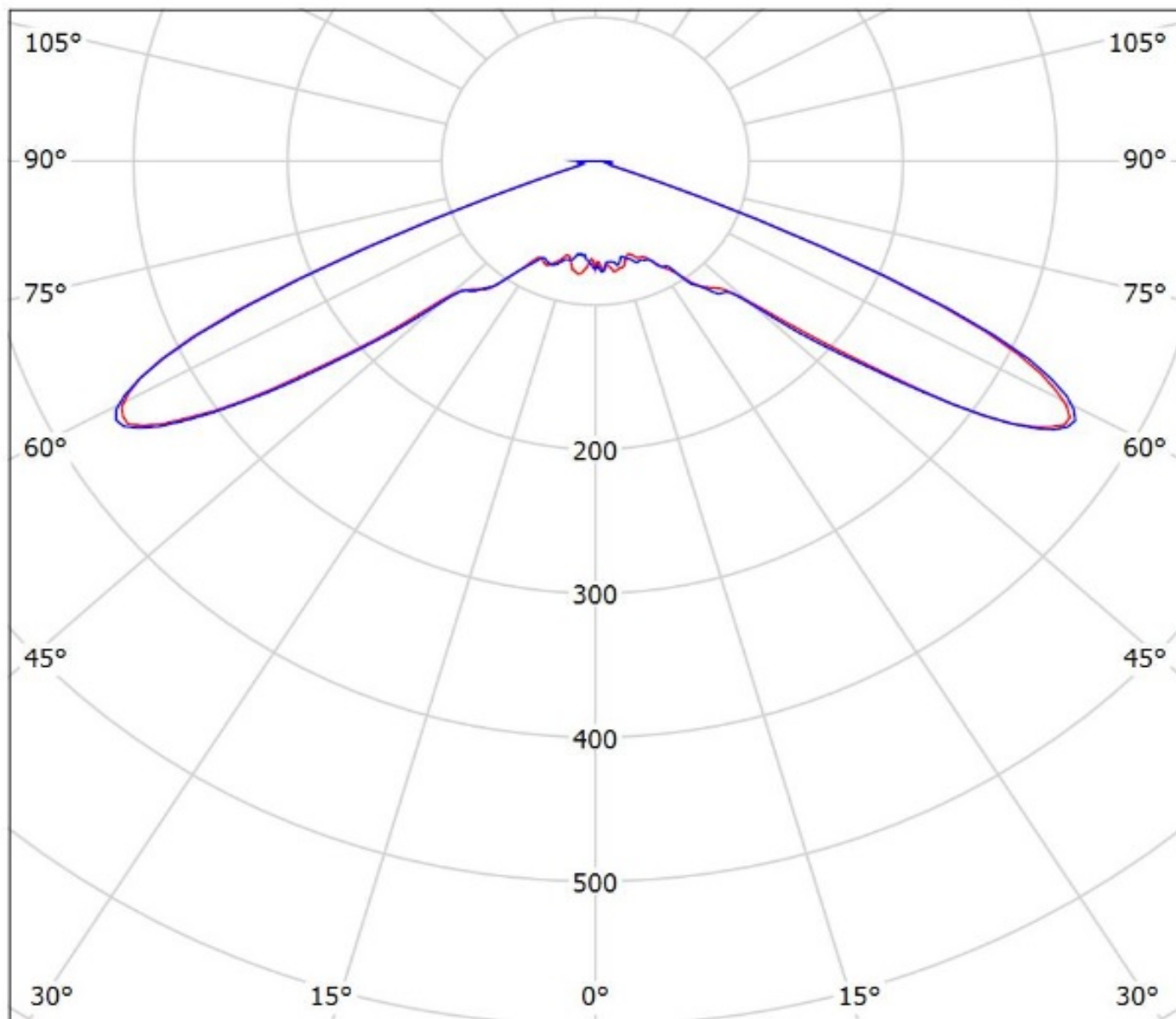


cd/klm

— C0 - C180 — C90 - C270

$\eta = 94\%$

Luminaire: Ledil Oy C15481_STRADELLA-8-VSM_(NVSxE21A)_SIMULATED
Lamps: 1 x Nichia NVSWE21A

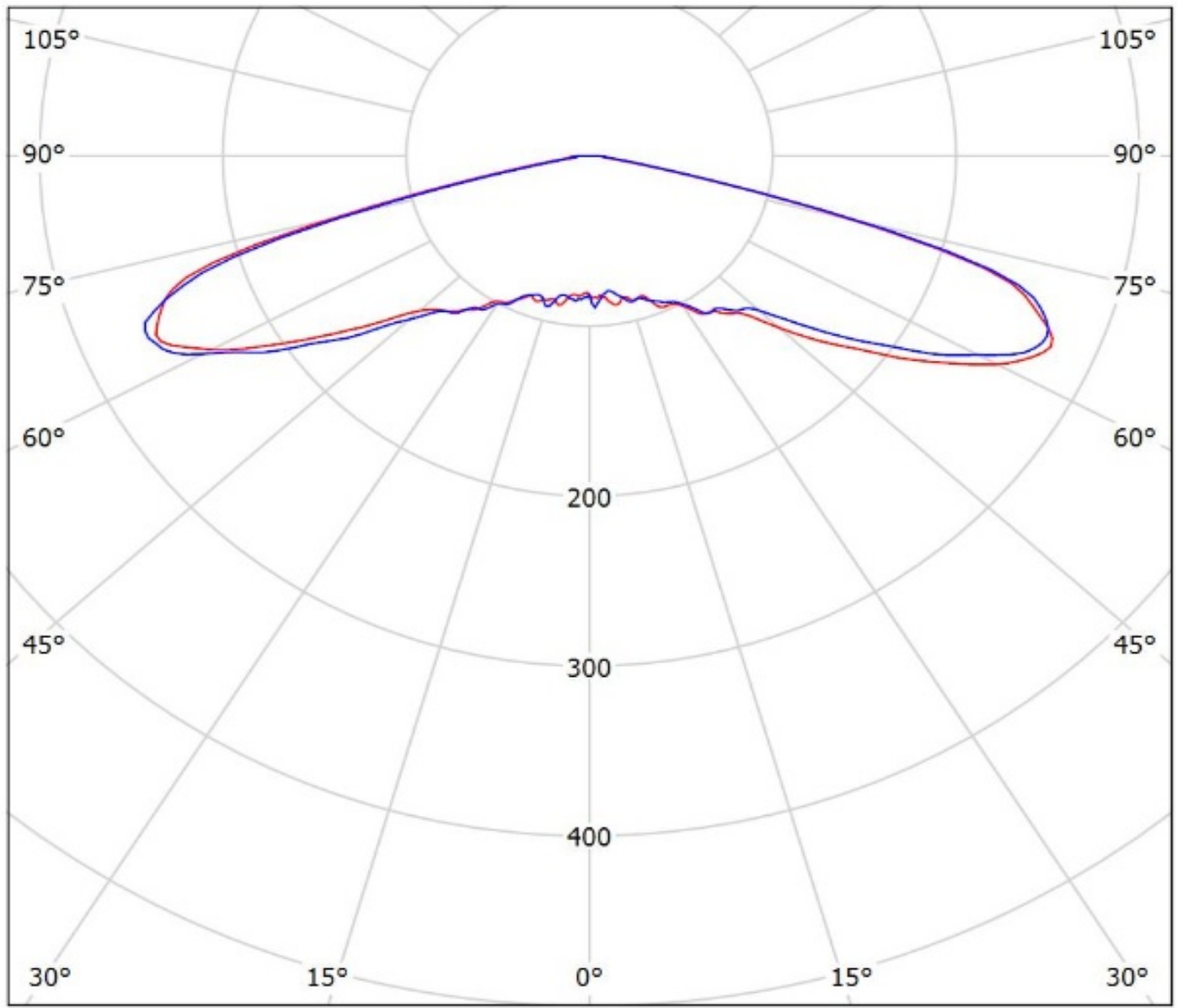


cd/klm

— C0 - C180 — C90 - C270

$\eta = 94\%$

Luminaire: Ledil Oy C15481_STRADELLA-8-VSM_(LH351C)_SIMULATED
Lamps: 1 x Samsung LH351C



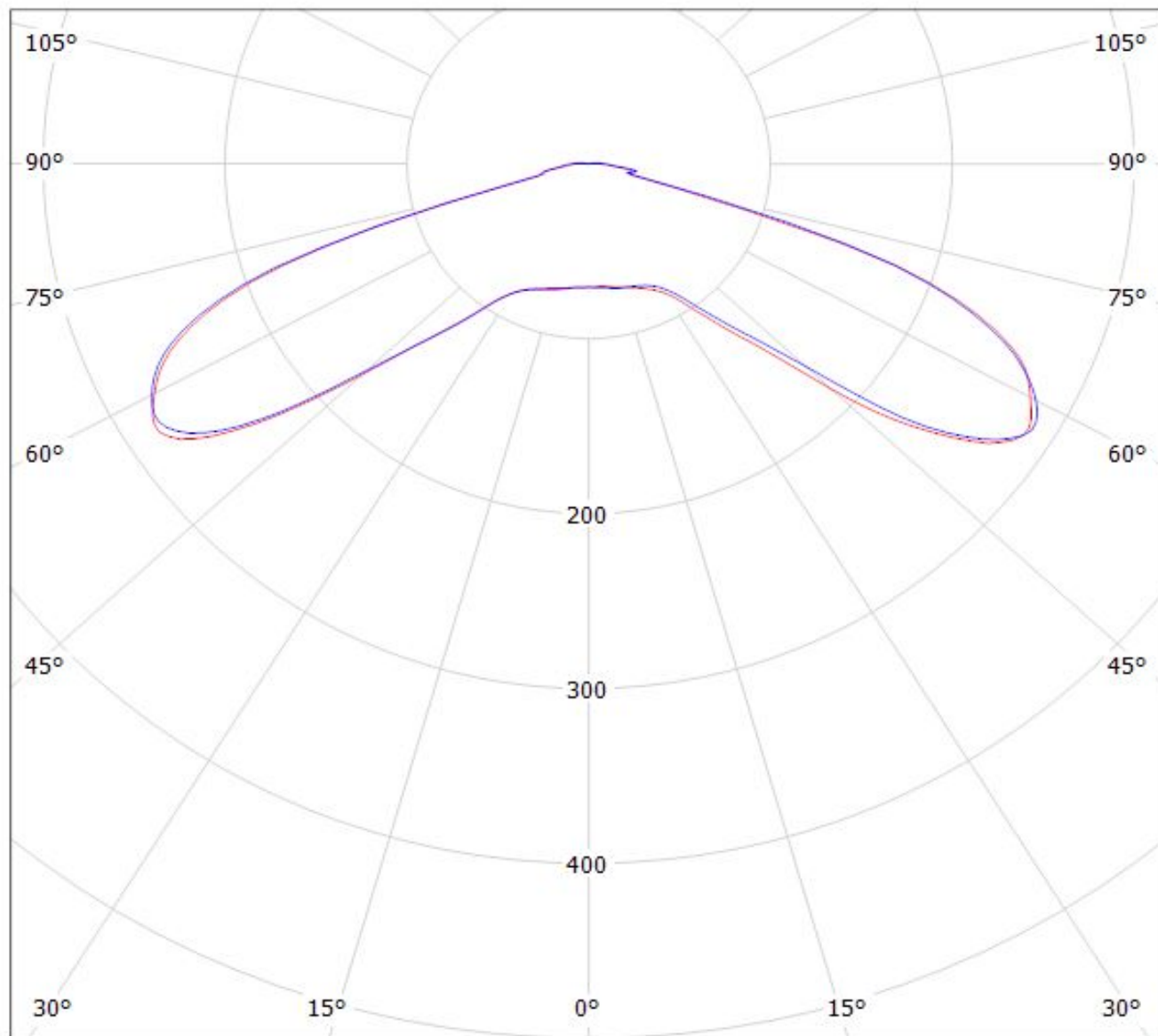
cd/klm

— C0 - C180 — C90 - C270

$\eta = 94\%$

Luminaire: LEDiL Oy C15481_STRADELLA-8-VSM_(Z8Y22P)

Lamps: 1 x Seoul_SZ8-Y22P_(SZ8-Y22-W0-C7-P)_957.081lm@250mA_P=5.49085W_I=0.25A



cd/klm

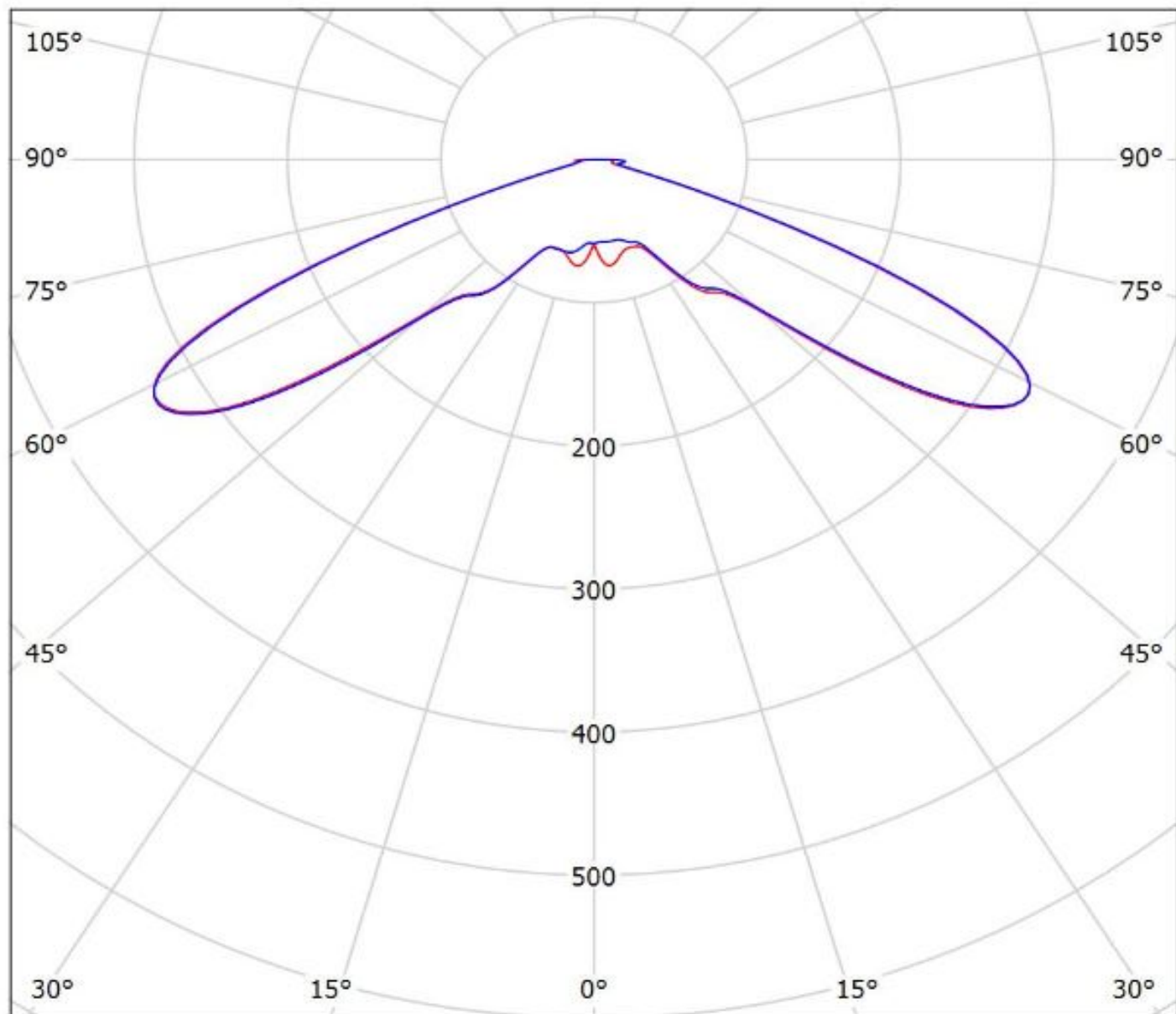
— C0 - C180

— C90 - C270

$\eta = 97\%$

Luminaire: Ledil Oy C15481_STRADELLA-8-VSM_(Z8Y19)_SIMULATED

Lamps: 1 x Seoul Z8Y19



cd/klm

— C0 - C180 — C90 - C270

$\eta = 93\%$

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.