

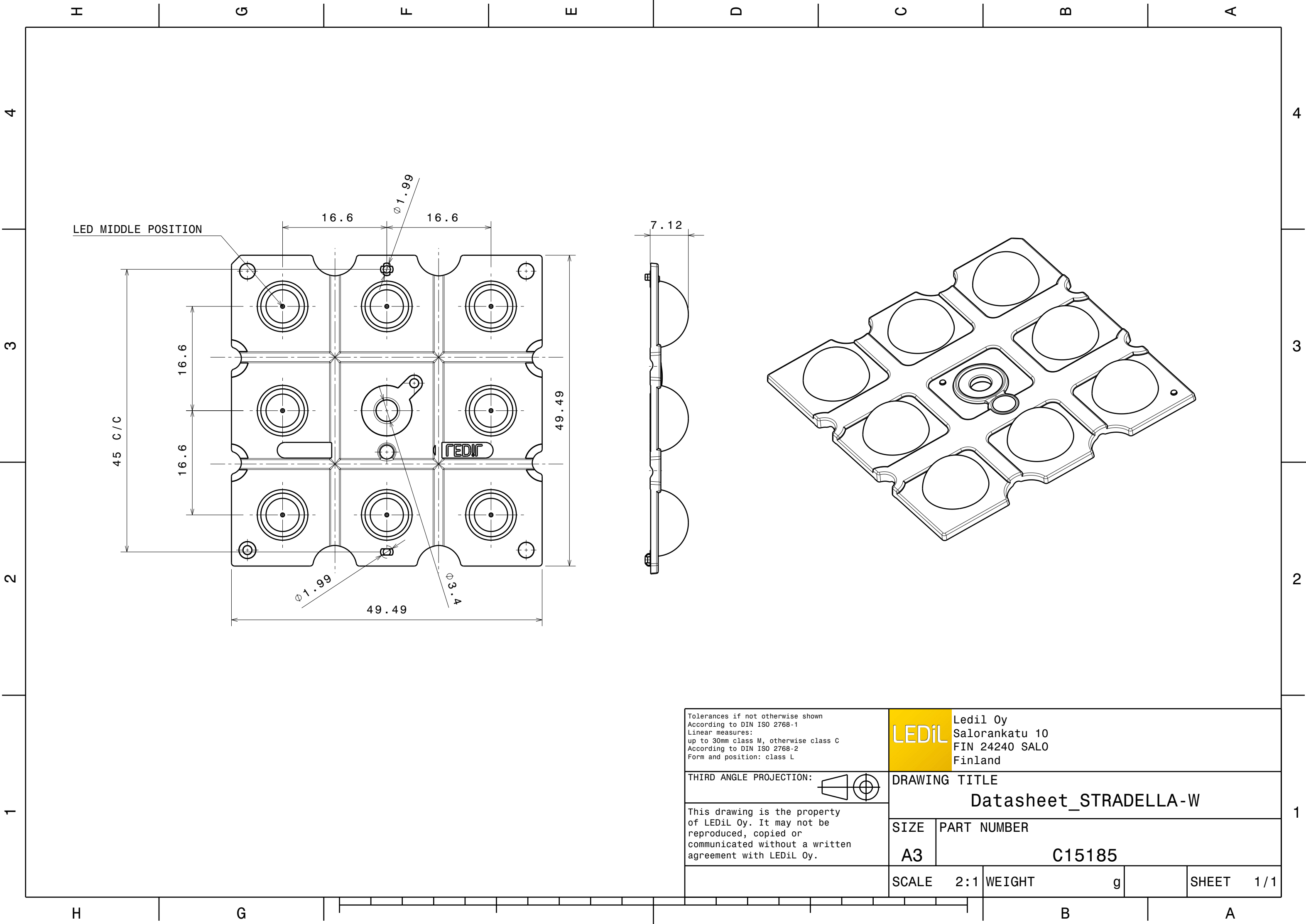
DETAILS

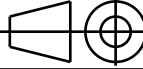
Product Number	C15185_STRADELLA-8-HB-W
Family	Stradella
Type	Lens array
Color	clear
Diameter	49,5+49,5 mm
Height	7,12 mm
Style	rectang
Optic Material	PMMA
Holder Material	
Fastening	pin, screw
Status	production ready
ROHS Compliant	Yes
Date Updated	3/11/2016



OPTICAL PROPERTIES

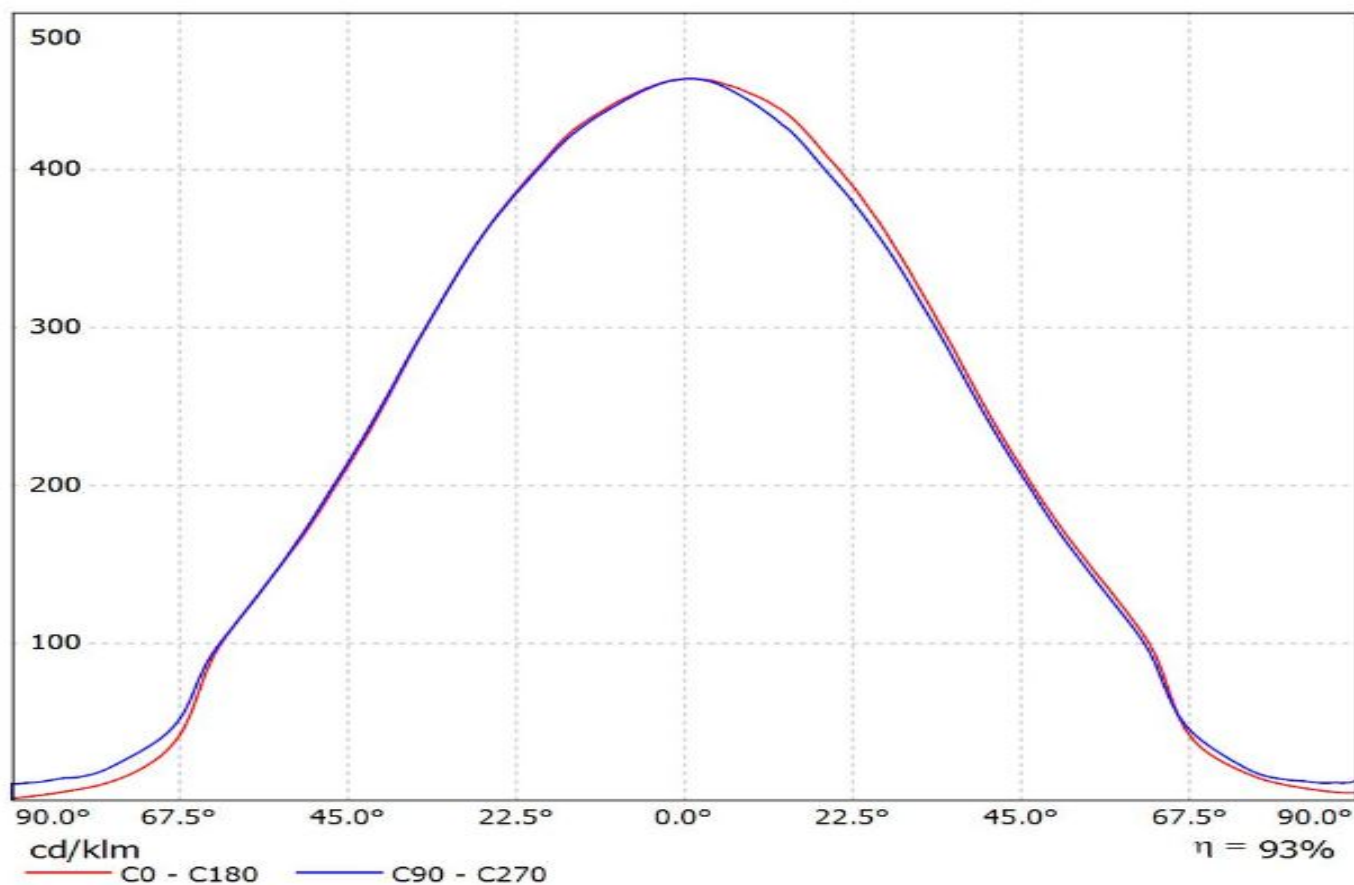
LED	Viewing	Light	Effi-		Connector
	Angle	Beam	ciency	cd/lm	
QUICK FLUX XT 2x8 xxx STRDLL G5	85 deg	Wide	93 %	0.460	-
XT-E	91 deg	Wide	sim: 96 %	sim: 0.440	-
XP-G3	sim: 94	Wide	sim: 91 %	sim: 0.430	-
LUXEON 3030 2D	87 deg	Wide	94 %	0.500	-
LUXEON 3535L HE	sim: 80	Wide	sim: 94 %	sim: 0.540	-
LUXEON HR30	sim: 82	Wide	sim: 93 %	sim: 0.530	-
LUXEON TX	sim: 84	Wide	sim: 92 %	sim: 0.460	-
NVSxx19B/NVSxx19C	sim: 95	Wide	sim: 91 %	sim: 0.440	-
NVSxE21A	sim: 90	Wide	sim: 94 %	sim: 0.430	-
NCSxE17A	sim: 90	Wide	sim: 94 %	sim: 0.420	-
Oslon Square Gen3	sim: 88	Wide	sim: 94 %	sim: 0.490	-
Oslon Square PC	sim: 86	Wide	sim: 94 %	sim: 0.530	-
LH351C	sim: 93	Wide	sim: 94 %	sim: 0.490	-
Z8Y19	100 deg	Wide	94 %	0.390	-
Z8Y22P	98 deg	Wide	94 %	0.400	-



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	
THIRD ANGLE PROJECTION: 	DRAWING TITLE
	Datasheet_STRADELLA-W
This drawing is the property of LEDiL Oy. It may not be reproduced, copied or communicated without a written agreement with LEDiL Oy.	SIZE
	A3
	PART NUMBER
	C15185
	SCALE
	2:1
	WEIGHT
	g
	SHEET
	1 / 1

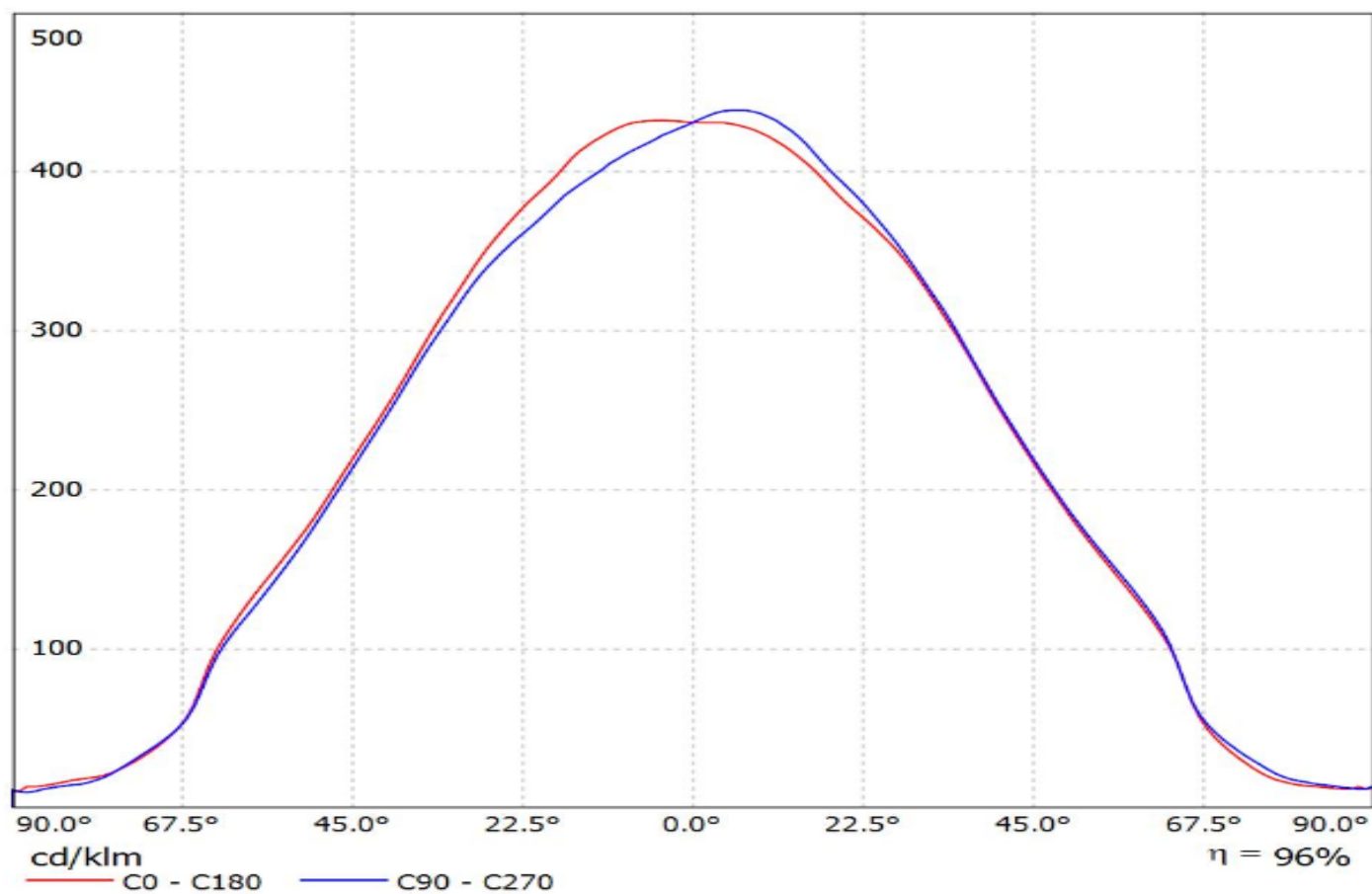
LEDiL Ledil Oy Salorankatu 10 FIN 24240 SALO Finland	
DRAWING TITLE	
Datasheet_STRADELLA-W	
SIZE	PART NUMBER
A3	C15185
SCALE	WEIGHT
2:1	g
SHEET	1 / 1

Luminaire: Ledil C15185_STRADELLA-8-HB-W_(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

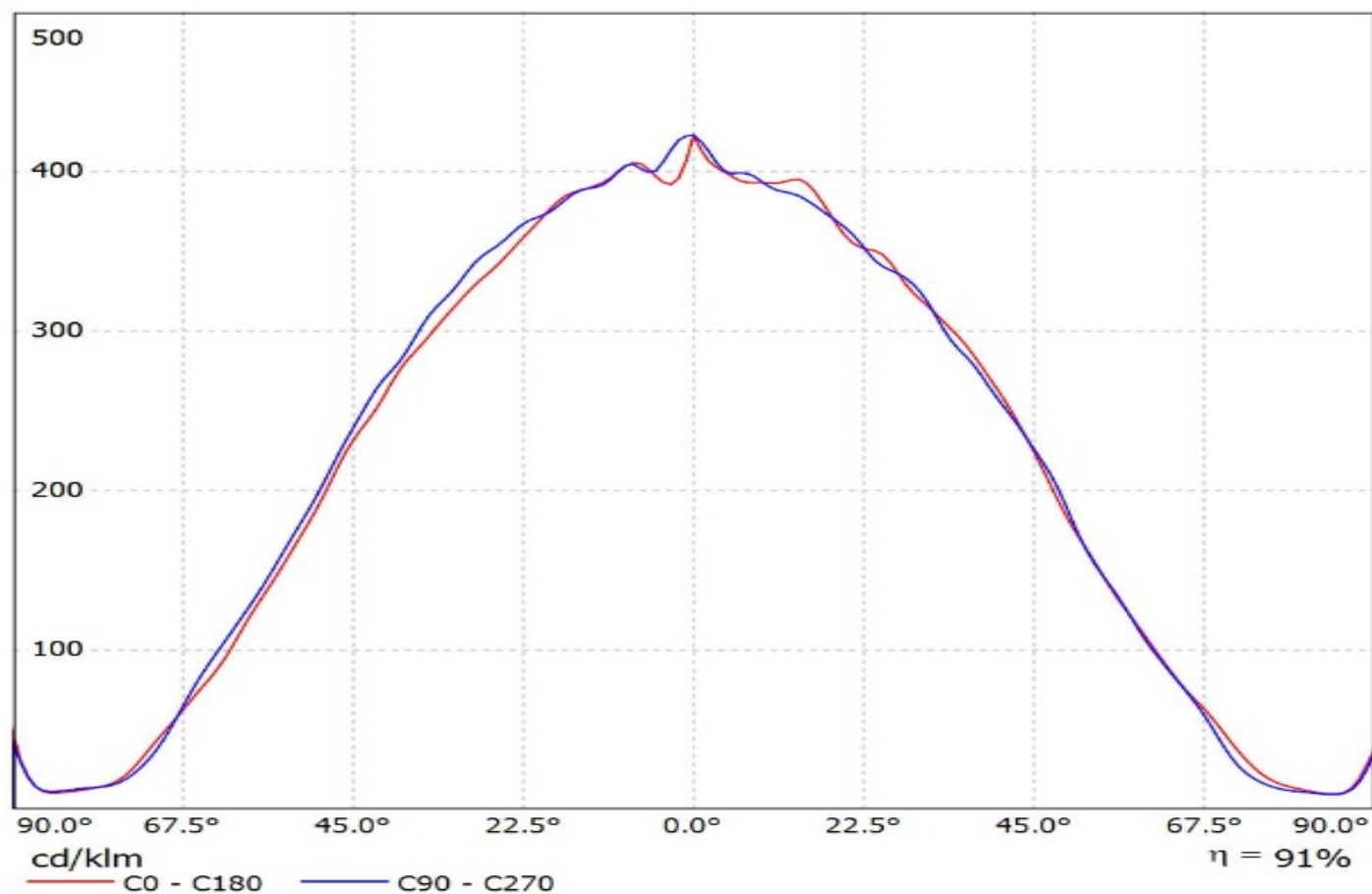


Luminaire: Ledil C15185_STRADELLA-8-HB-W_(XT-E)_Cav6

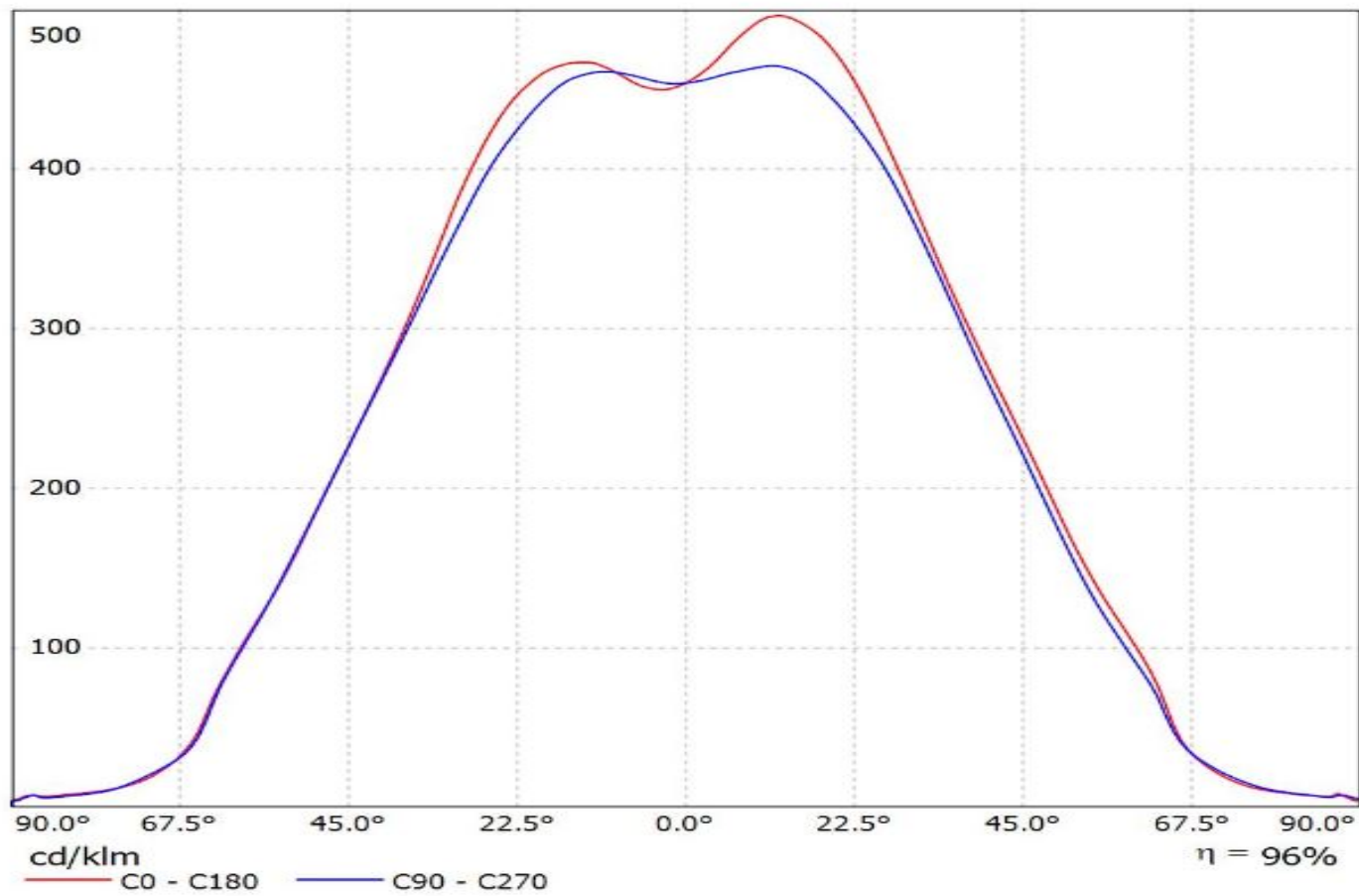
Lamps: 1 x Cree_XT-E_x8_(XTEAWT-0-2A0-R30-FB0001)_801.87lm@250mA_P=5.99025W_I=0.250A



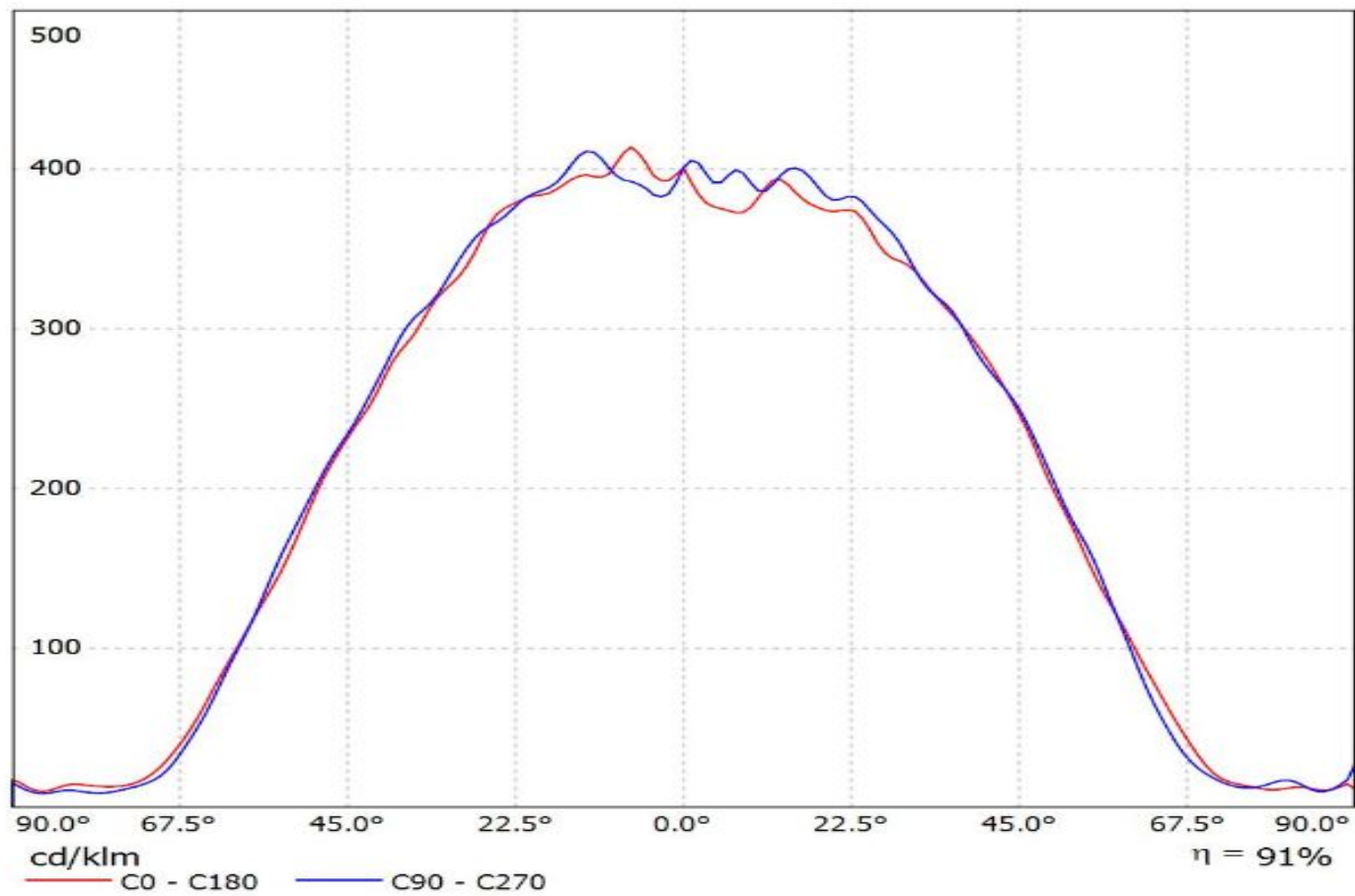
Luminaire: Ledil Oy C15185_STRADELLA-8-HB-W_(XP-G3)_SIMULATED
Lamps: 1 x Cree XP-G3



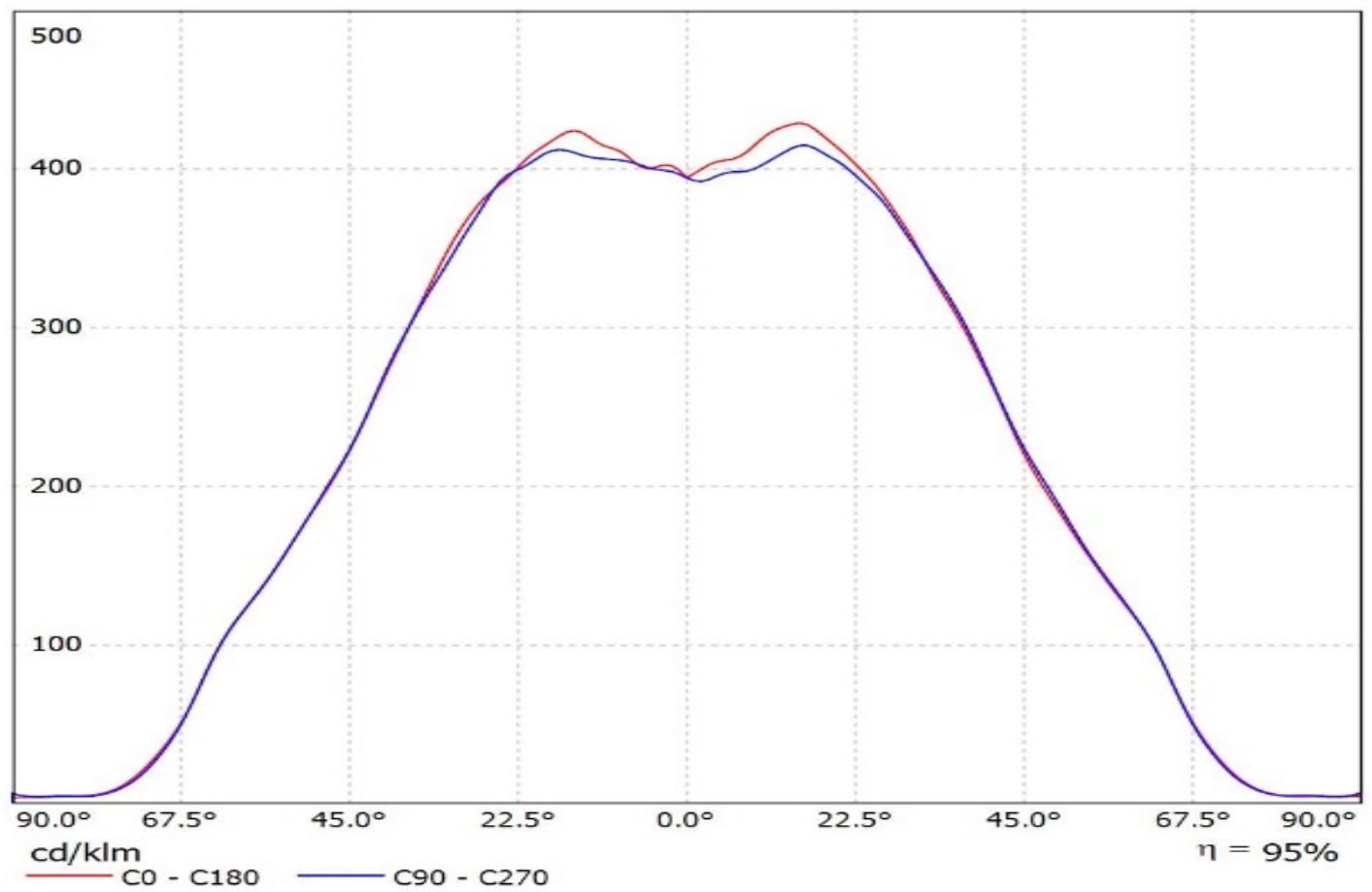
Luminaire: Ledil C15185_STRADELLA-8-HB-W-T3_(LUXEON_3030_2D)
Lamps: 1 x LUXEON_3030_2D_(L130-2780)_349.484lm@60mA_P=2.7450W_η=0.060A



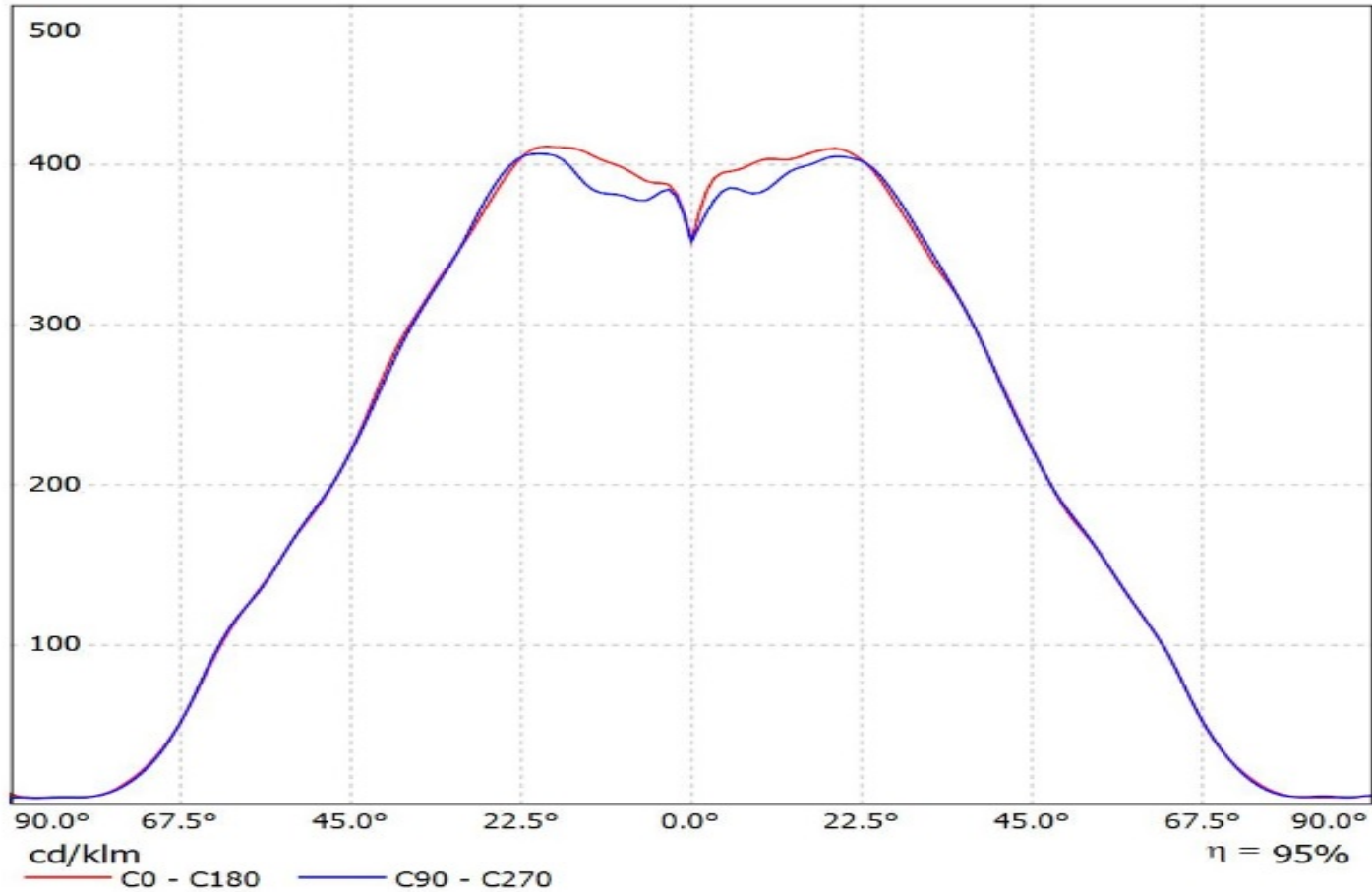
Luminaire: Ledil Oy C15185_STRADELLA-8-HB-W_NICHIA_NVSW219C_SIMULATED
Lamps: 1 x NICHIA NVSW219C



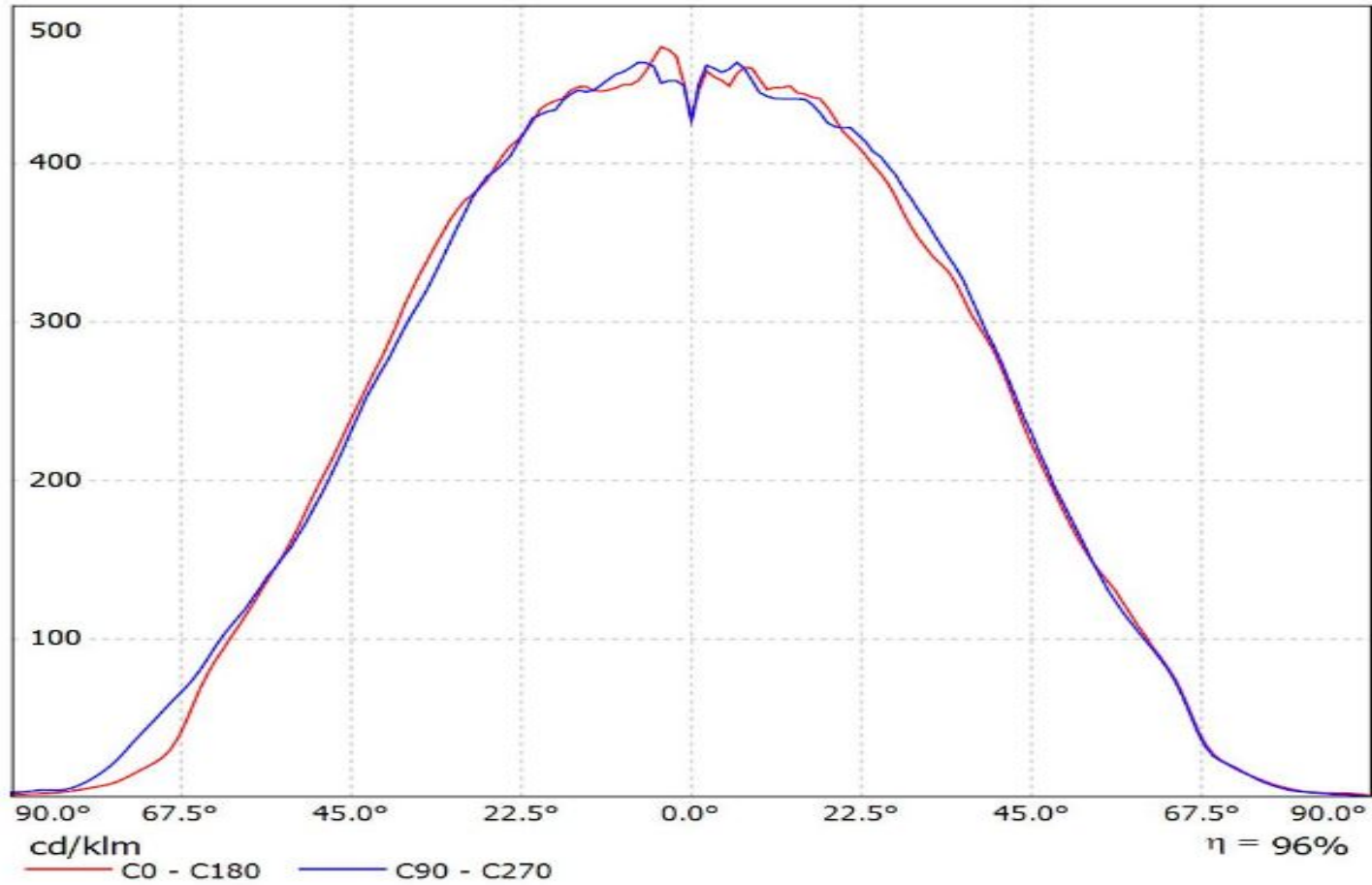
Luminaire: Ledil Oy C15185_STRADELLA-8-HB-W_(NVSxE21A)_SIMULATED
Lamps: 1 x Nichia NVSWE21A



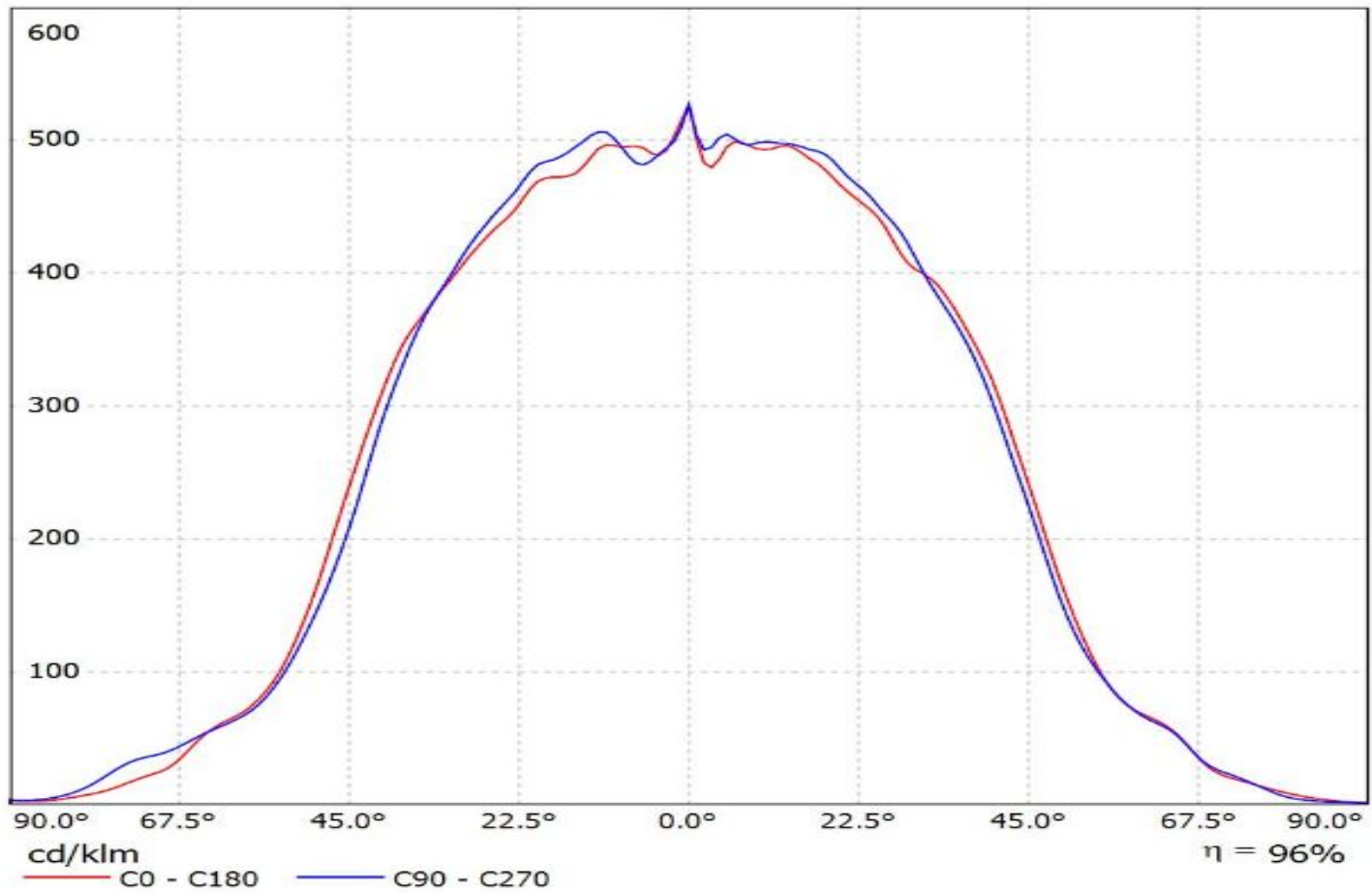
Luminaire: Ledil Oy C15185_STRADELLA-8-HB-W_(NCSxE17A)_SIMULATED
Lamps: 1 x Nichia NVSWE17A



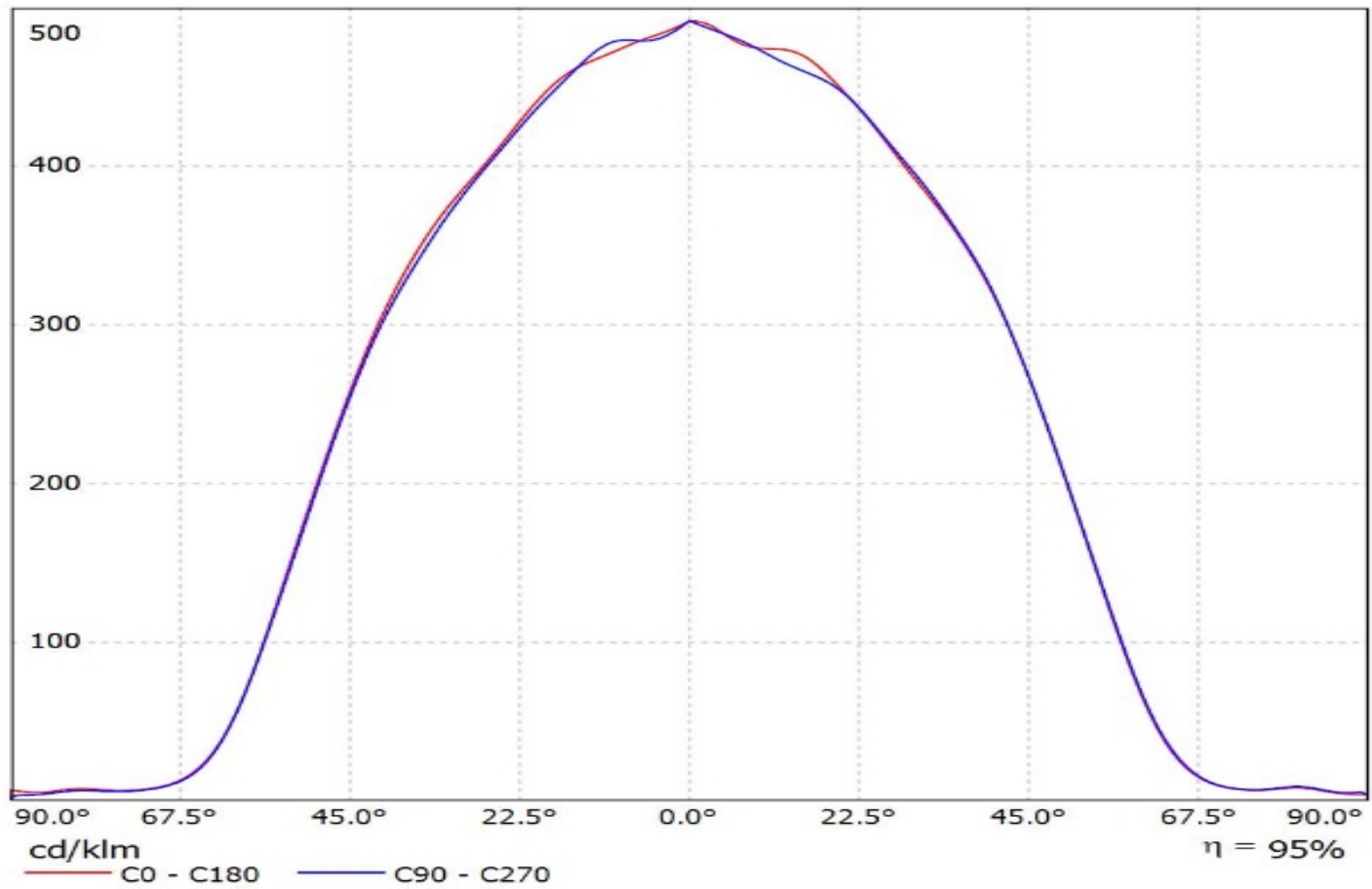
Luminaire: Ledil Oy C15185_STRADELLA-8-HB-W_(Oslon Square Gen3)_SIMULATED
Lamps: 1 x Osram Oslon Square Gen3



Luminaire: Ledil Oy C15185_STRADELLA-8-HB-W_(Oslon Square PC)_SIMULATED
Lamps: 1 x Osram Oslon Square PC

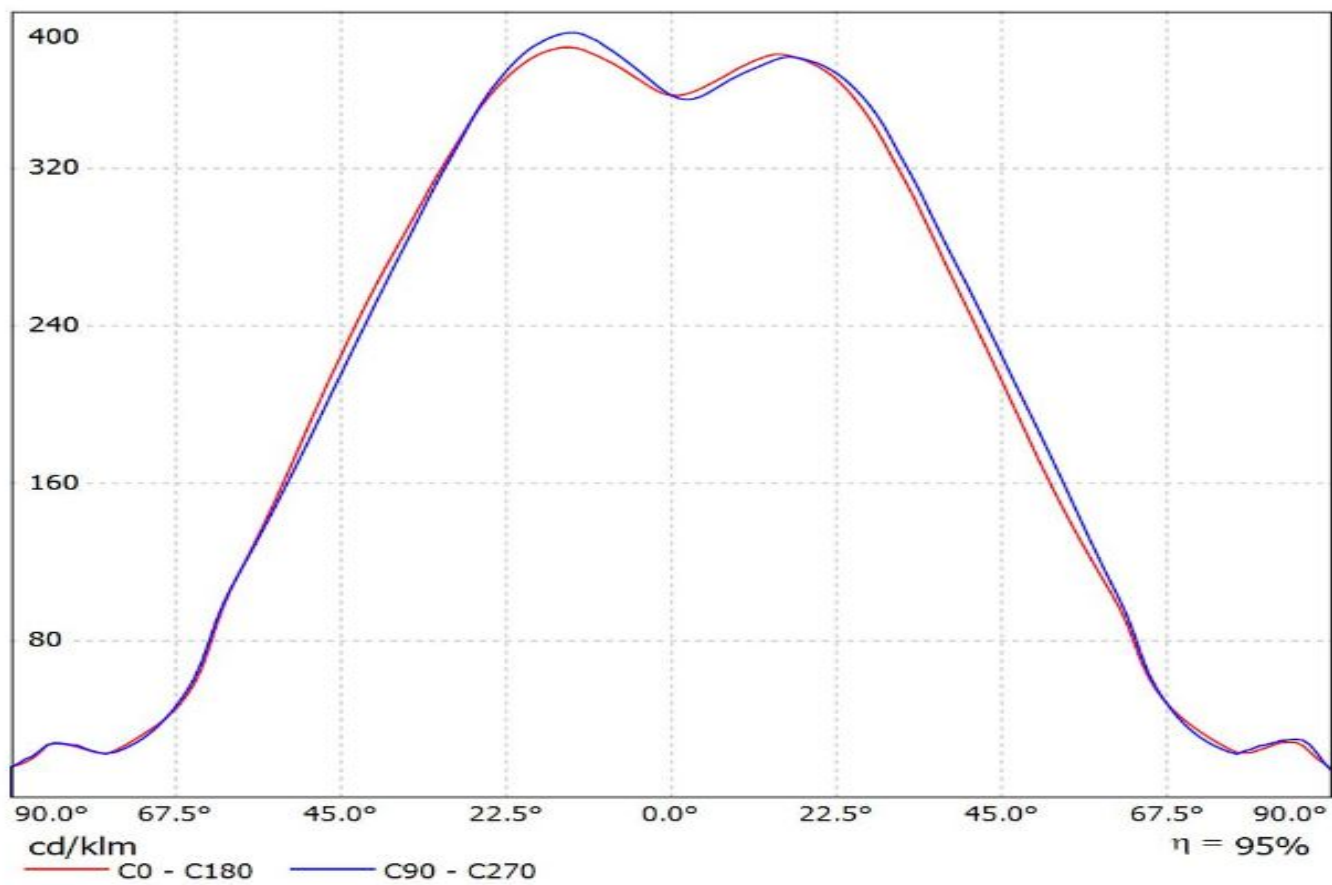


Luminaire: Ledil Oy C15185_STRADELLA-8-HB-W_(LH351C)_SIMULATED
Lamps: 1 x Samsung LH351C

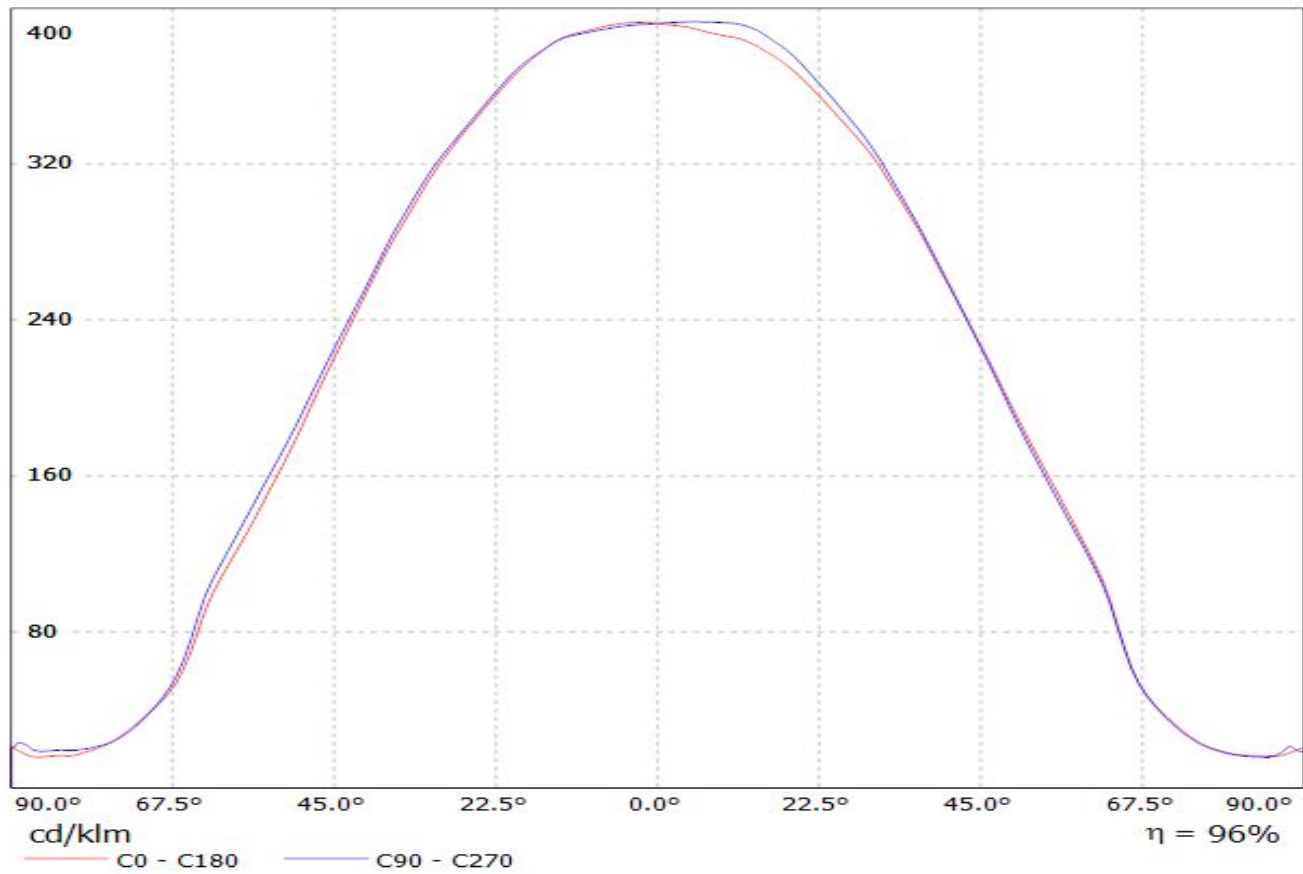


Luminaire: Ledil C15185_STRADELLA-8-HB-W_(SZ8_Y19)

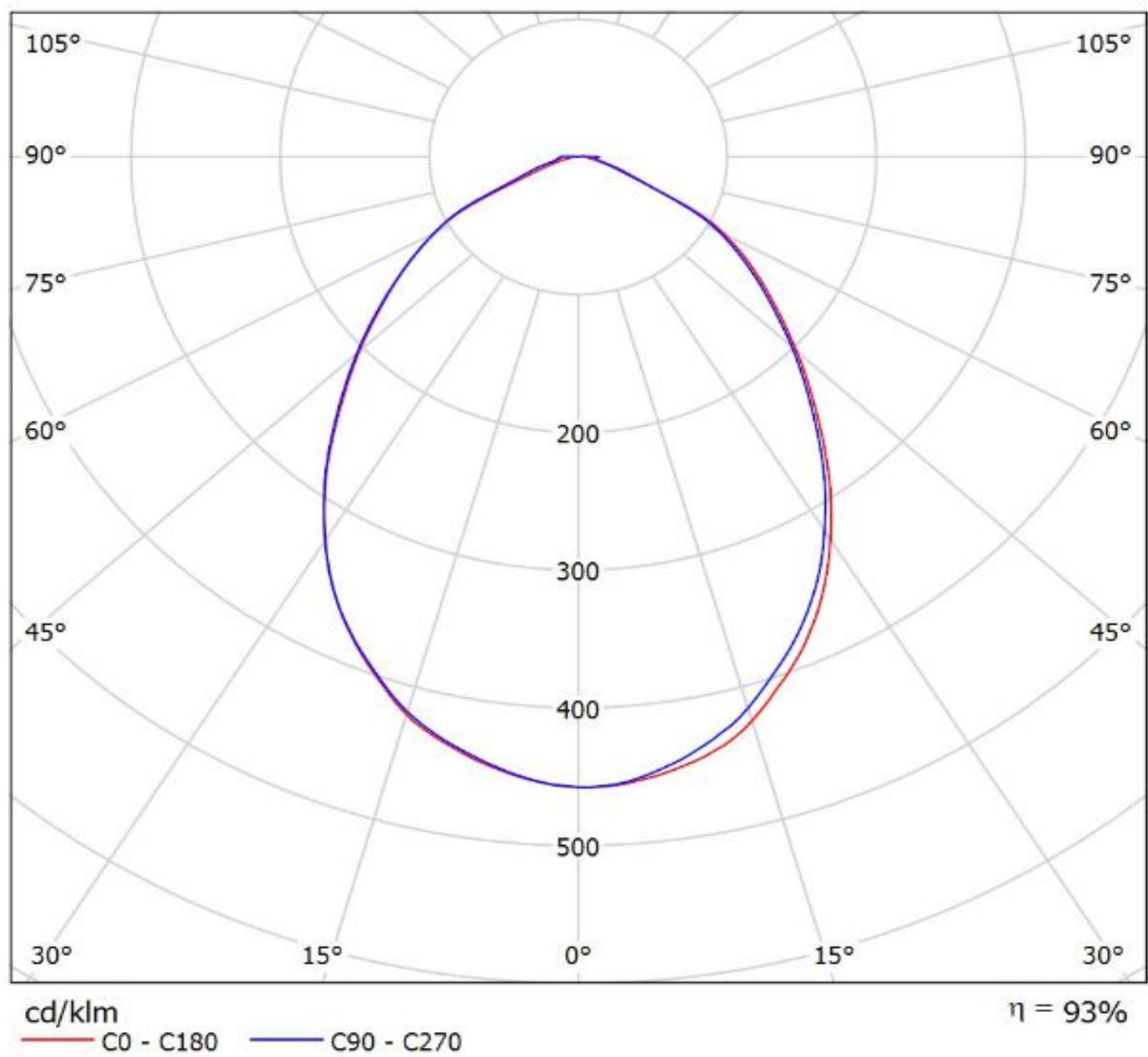
Lamps: 1 x Seoul_SZ8_Y19_(SZ8-Y19-W0-C7)_973.578lm@250mA_P=5.6125W_I=0.250A



Luminaire: LEDiL Oy C15185_STRADELLA-8-HB-W_(Z8Y22P)
Lamps: 1 x Seoul_SZ8-Y22P_(SZ8-Y22-W0-C7-P)_957.081lm@250mA_P=5.49085W_I=0.25A

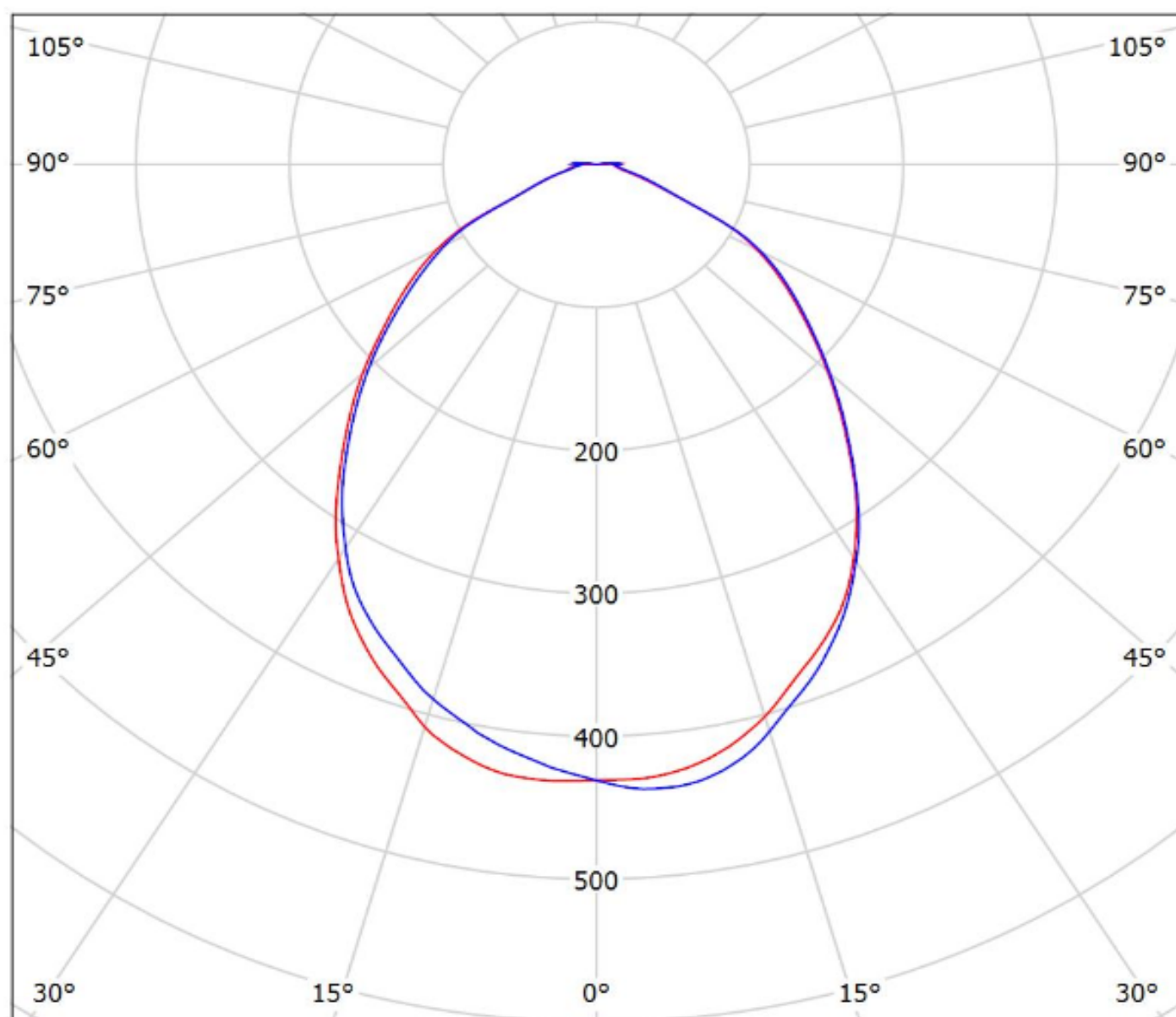


Luminaire: Ledil C15185_STRADELLA-8-HB-W_(QUICK-FLUX-EngXP-750-StrdII16)
Lamps: 1 x Cree_XT-E-HE_QUICK-FLUX-EngXP-750-StrdII16_1847.62lm@250mA_P=11.5481W_I=0.25A



Luminaire: Ledil C15185_STRADELLA-8-HB-W_(XT-E)_Cav6

Lamps: 1 x Cree_XT-E_x8_(XTEAWT-0-2A0-R30-FB0001)_801.87lm@250mA_P=5.99025W_I=0.250A



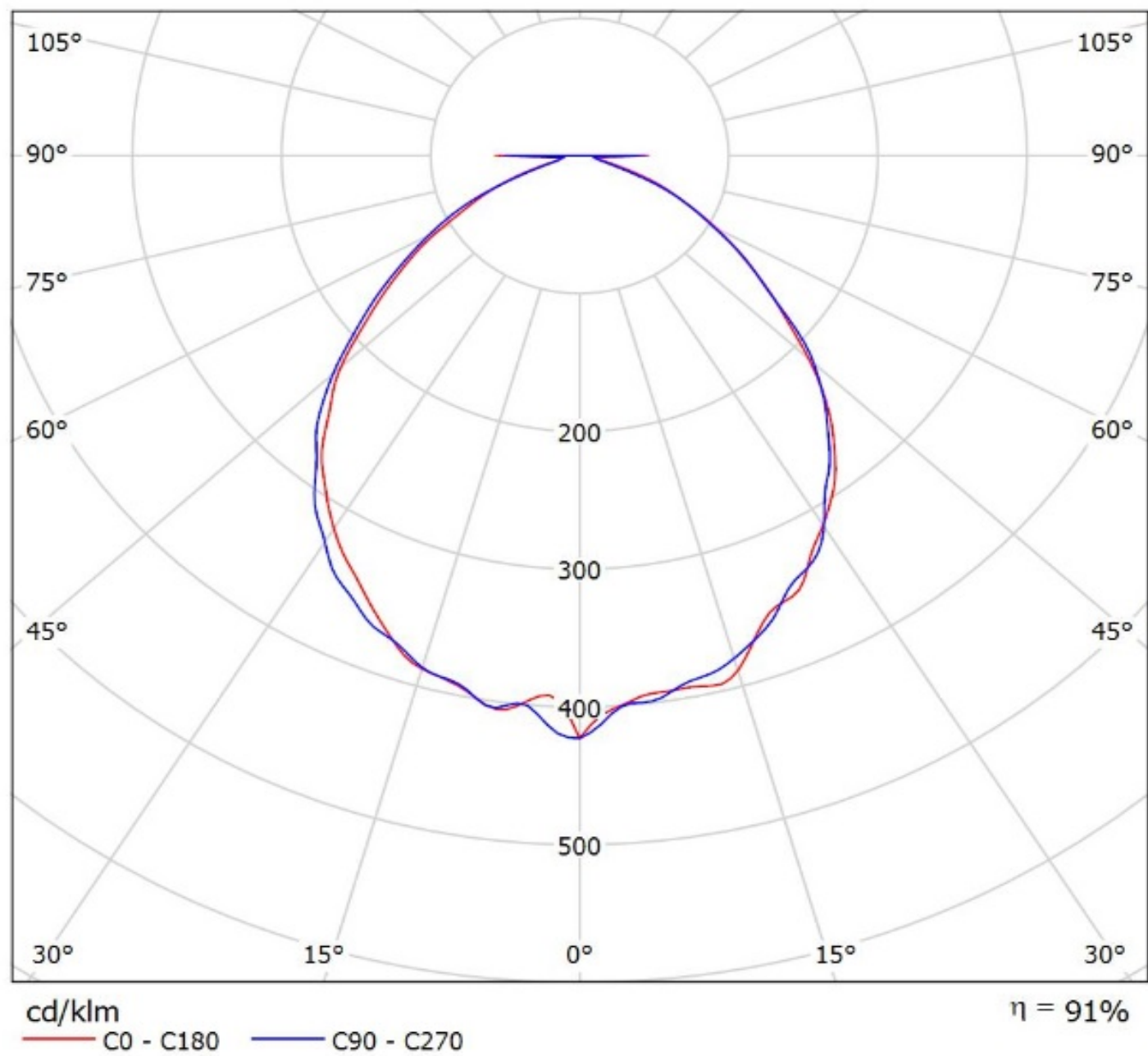
cd/klm

— C0 - C180

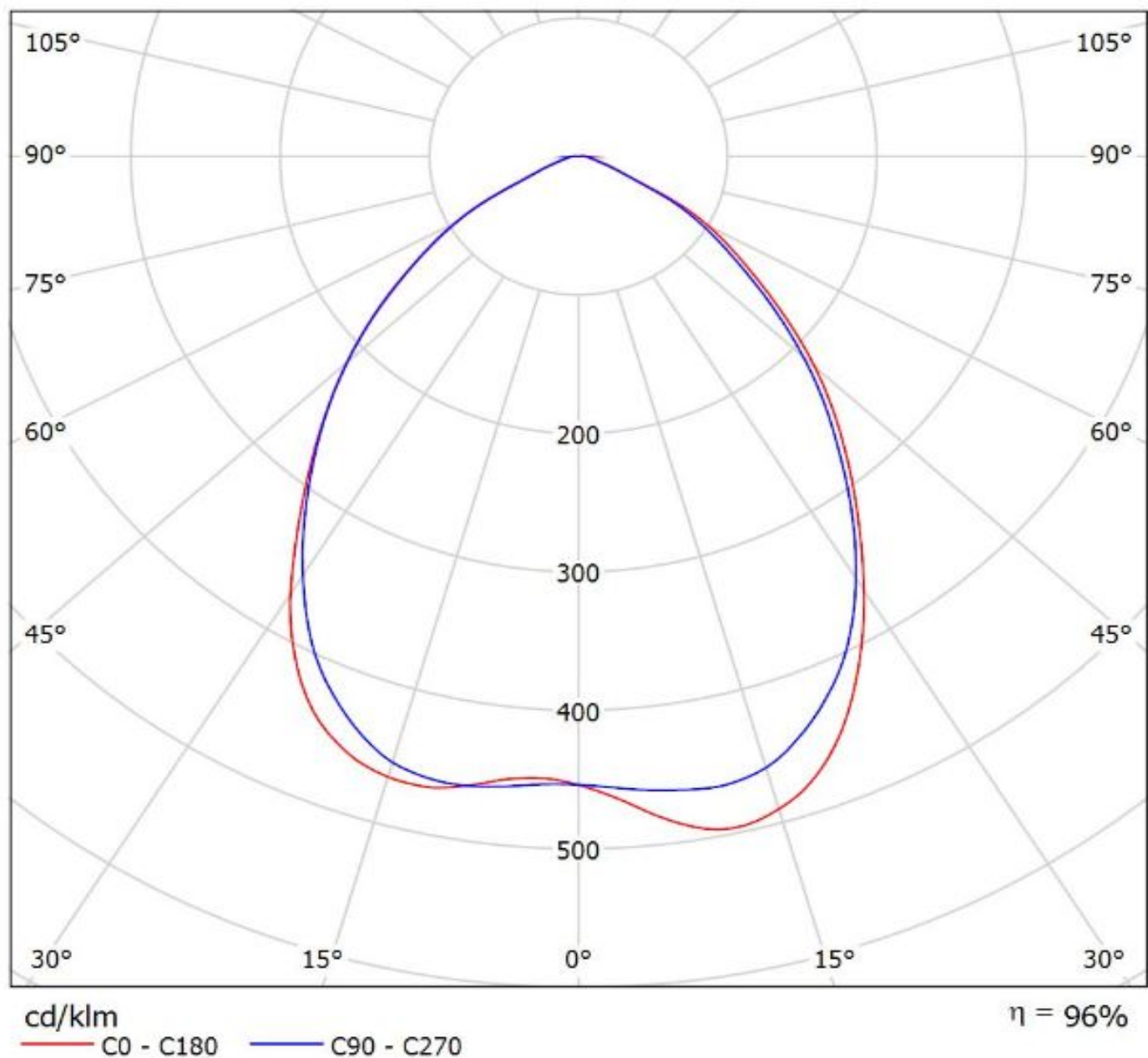
— C90 - C270

$\eta = 96\%$

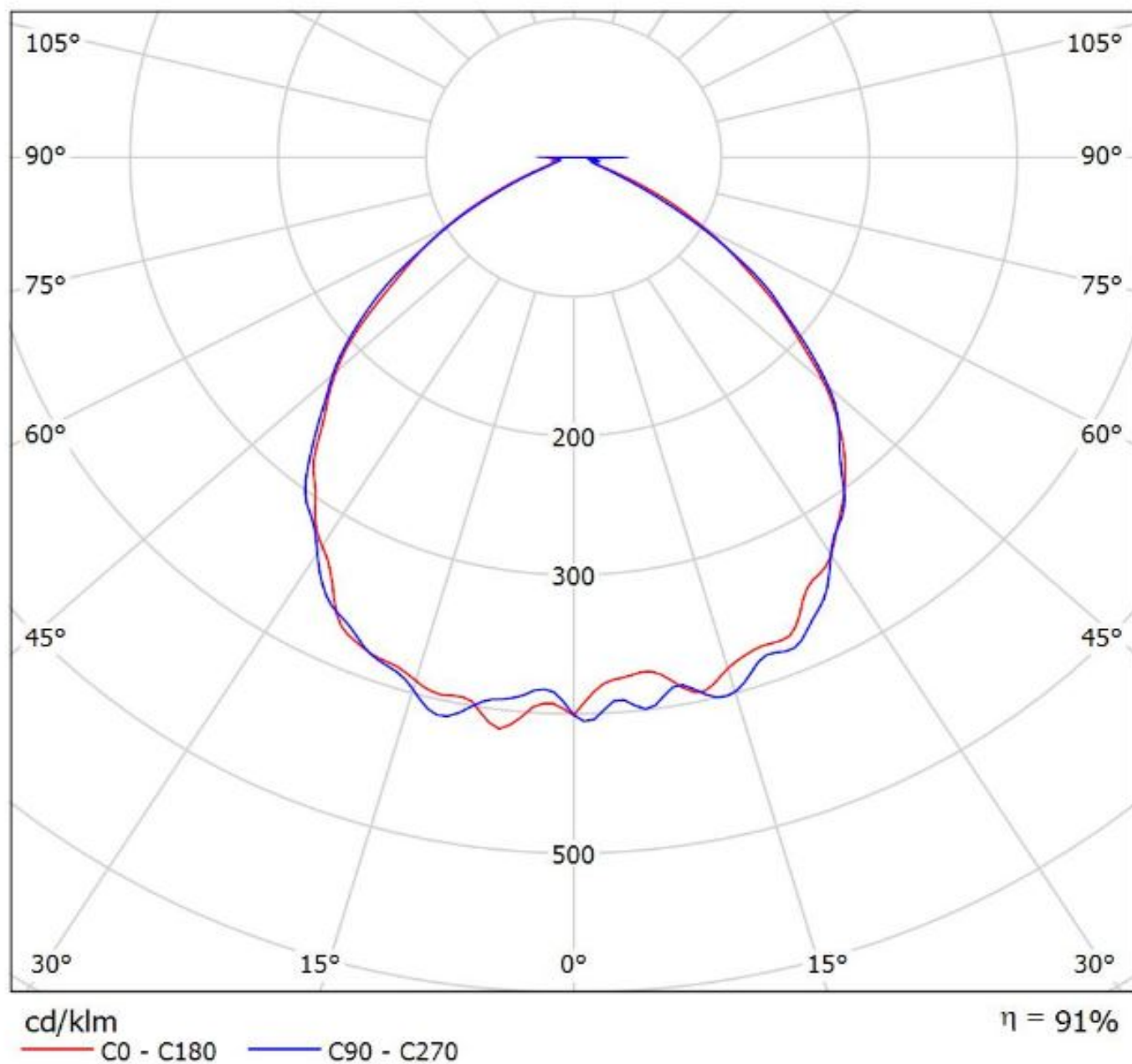
Luminaire: Ledil Oy C15185_STRADELLA-8-HB-W_(XP-G3)_SIMULATED
Lamps: 1 x Cree XP-G3



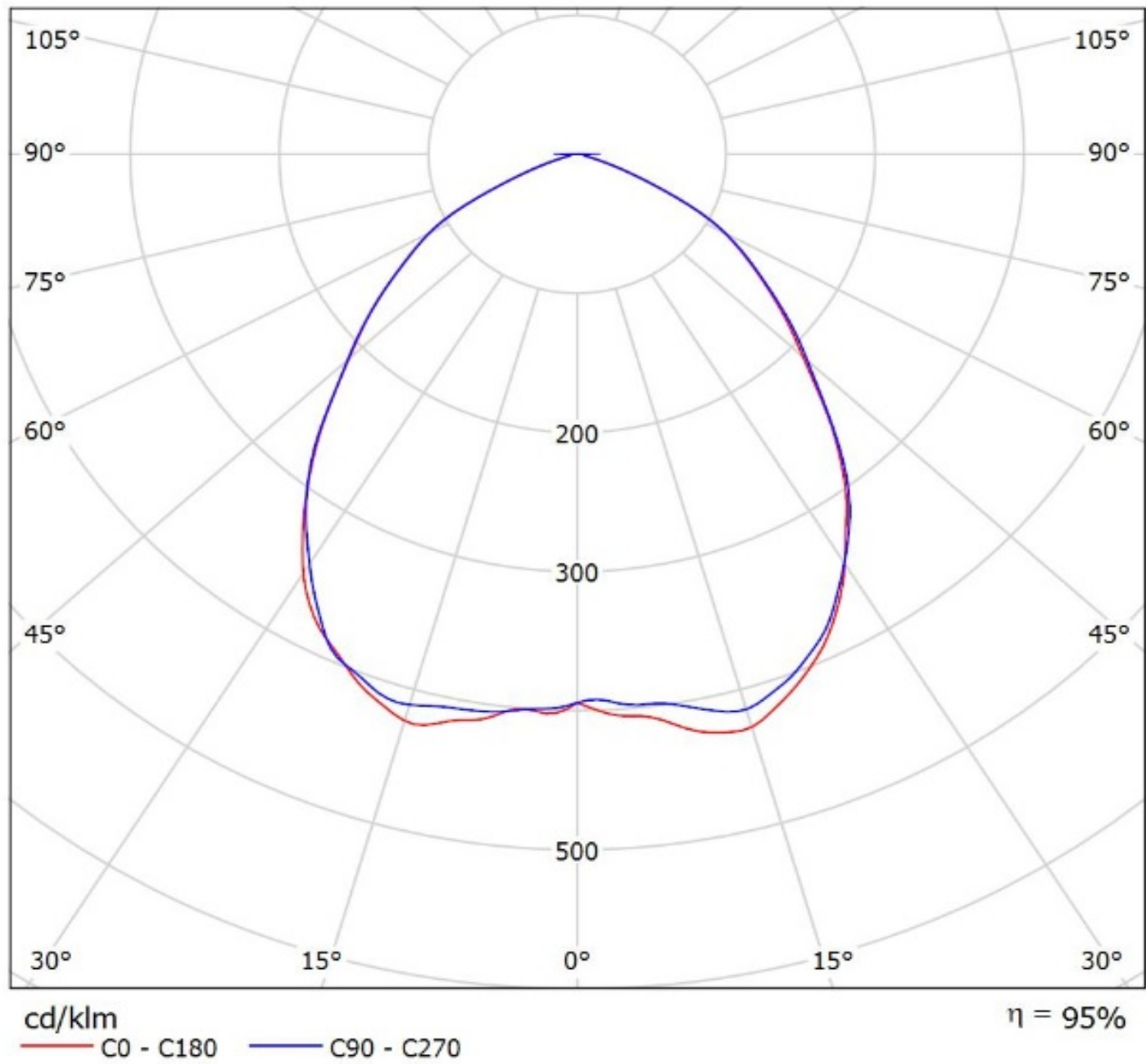
Luminaire: Ledil C15185_STRADELLA-8-HB-W-T3_(LUXEON_3030_2D)
Lamps: 1 x LUXEON_3030_2D_(L130-2780)_349.484lm@60mA_P=2.7450W_I=0.060A



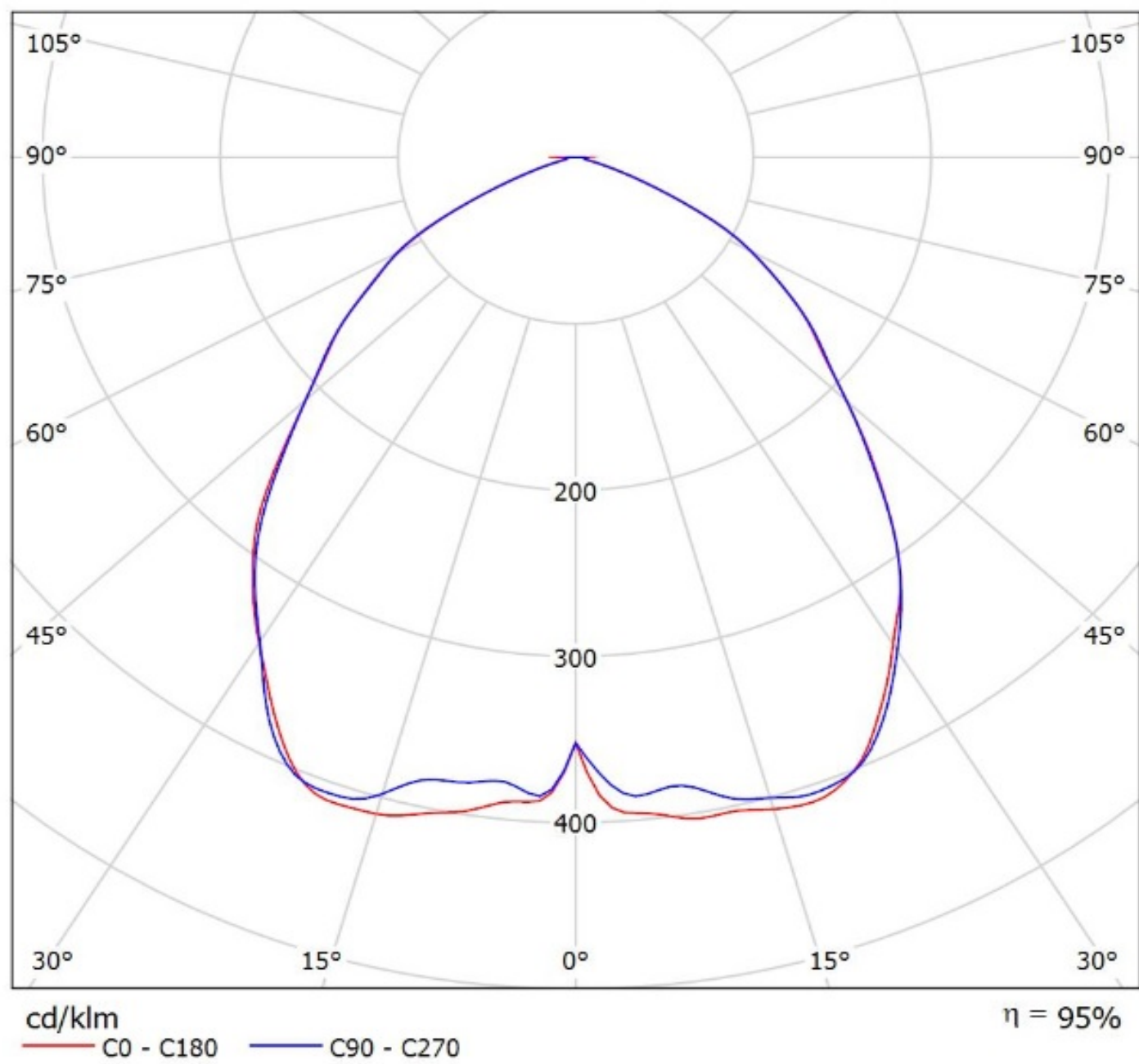
Luminaire: Ledil Oy C15185_STRADELLA-8-HB-W_NICHIA_NVSW219C_SIMULATED
Lamps: 1 x NICHIA NVSW219C



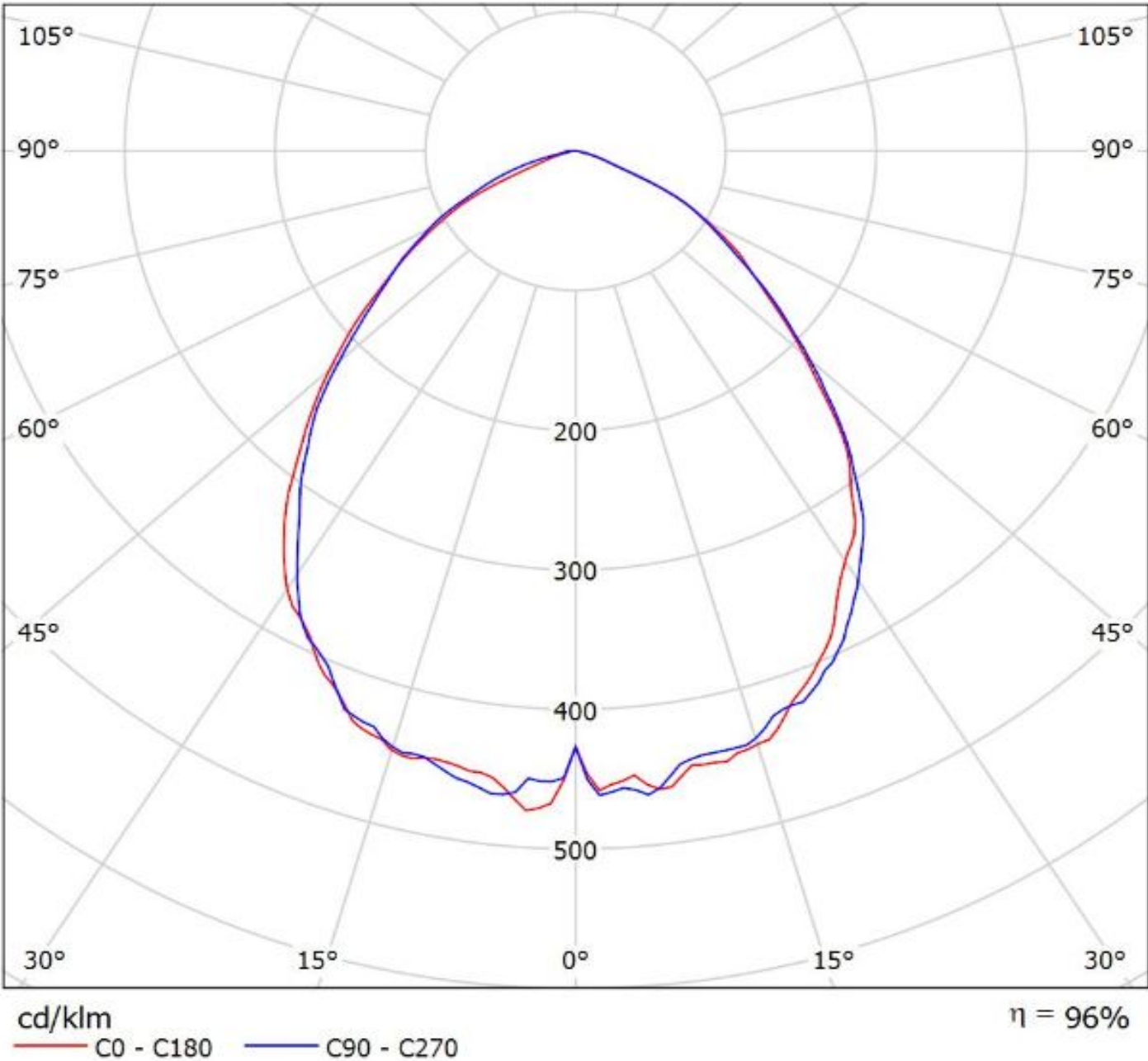
Luminaire: Ledil Oy C15185_STRADELLA-8-HB-W_(NVSxE21A)_SIMULATED
Lamps: 1 x Nichia NVSWE21A



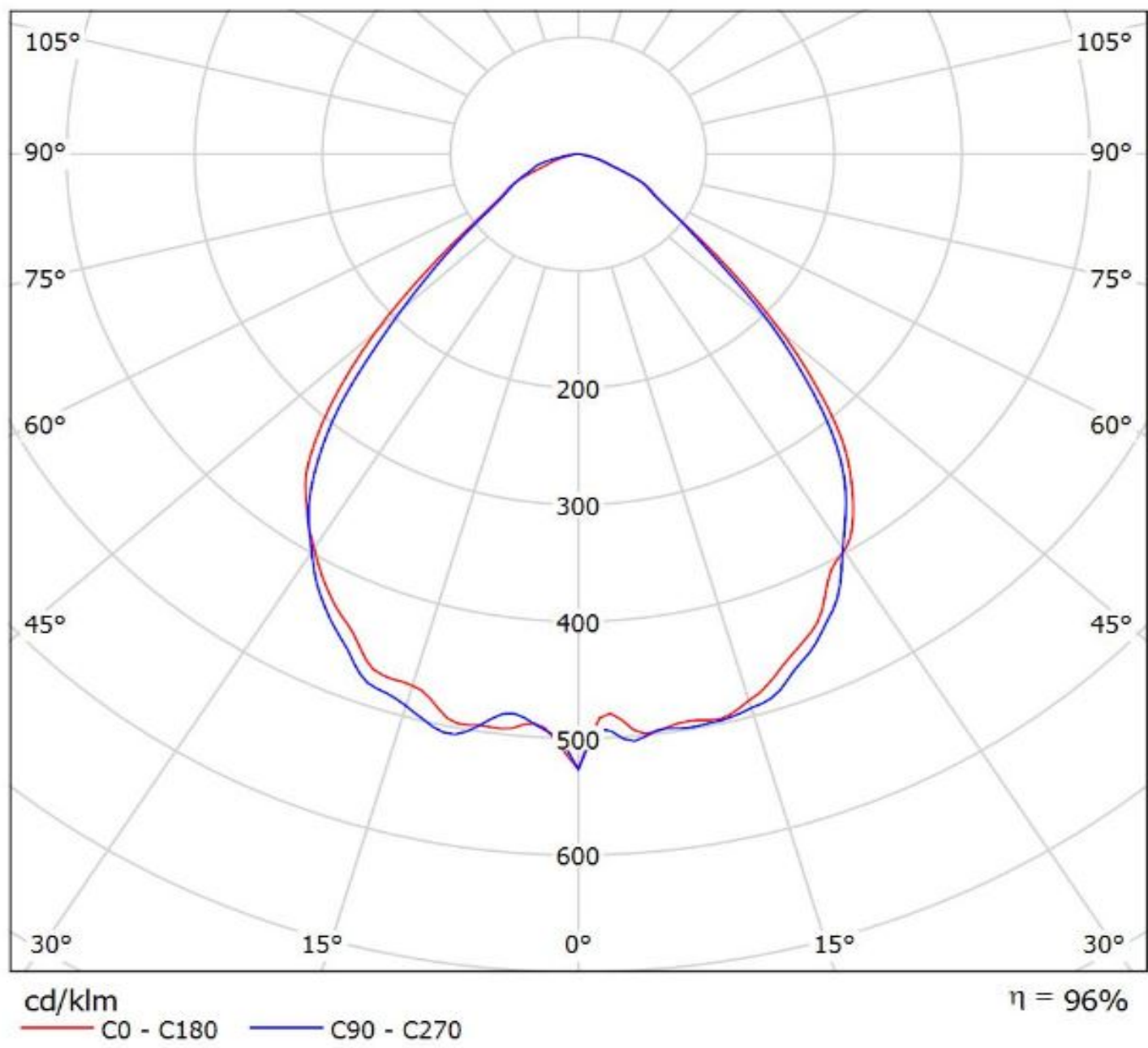
Luminaire: Ledil Oy C15185_STRADELLA-8-HB-W_(NCSxE17A)_SIMULATED
Lamps: 1 x Nichia NVSWE17A



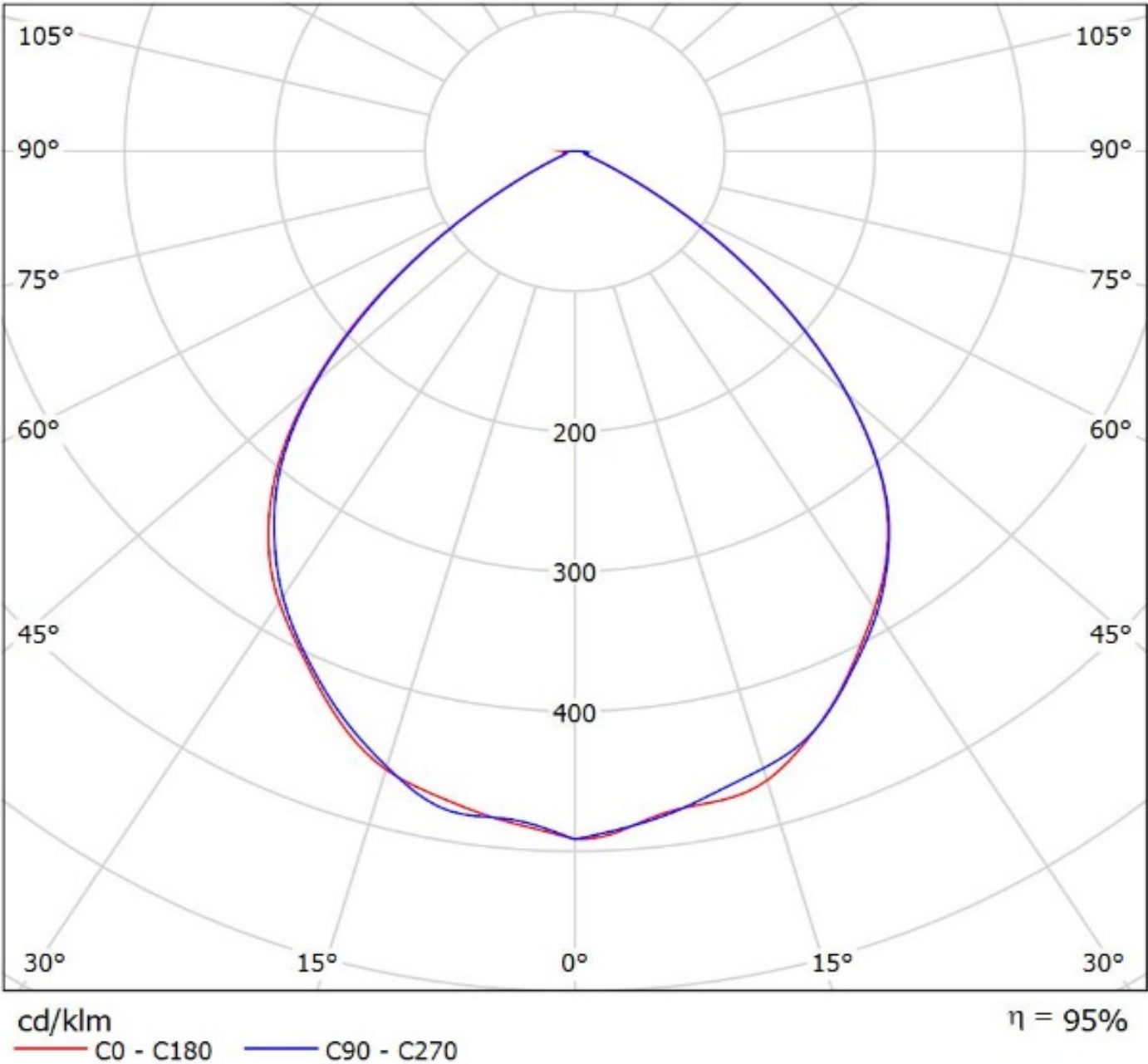
Luminaire: Ledil Oy C15185_STRADELLA-8-HB-W_(Oslon Square Gen3)_SIMULATED
Lamps: 1 x Osram Oslon Square Gen3



Luminaire: Ledil Oy C15185_STRADELLA-8-HB-W_(Oslon Square PC)_SIMULATED
Lamps: 1 x Osram Oslon Square PC

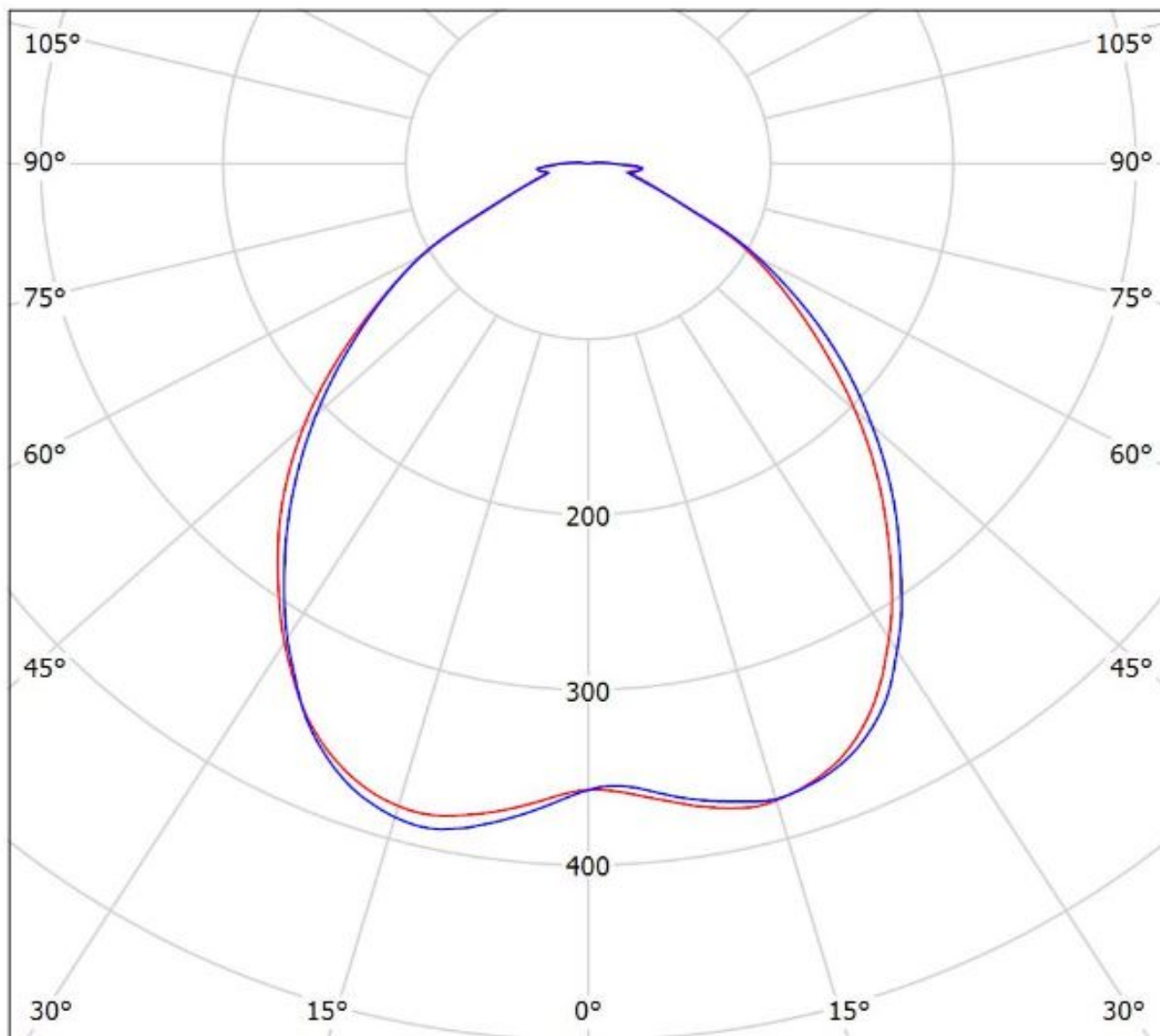


Luminaire: Ledil Oy C15185_STRADELLA-8-HB-W_(LH351C)_SIMULATED
Lamps: 1 x Samsung LH351C



Luminaire: Ledil C15185_STRADELLA-8-HB-W_(SZ8_Y19)

Lamps: 1 x Seoul_SZ8_Y19_(SZ8-Y19-W0-C7)_973.578lm@250mA_P=5.6125W_I=0.250A



cd/klm

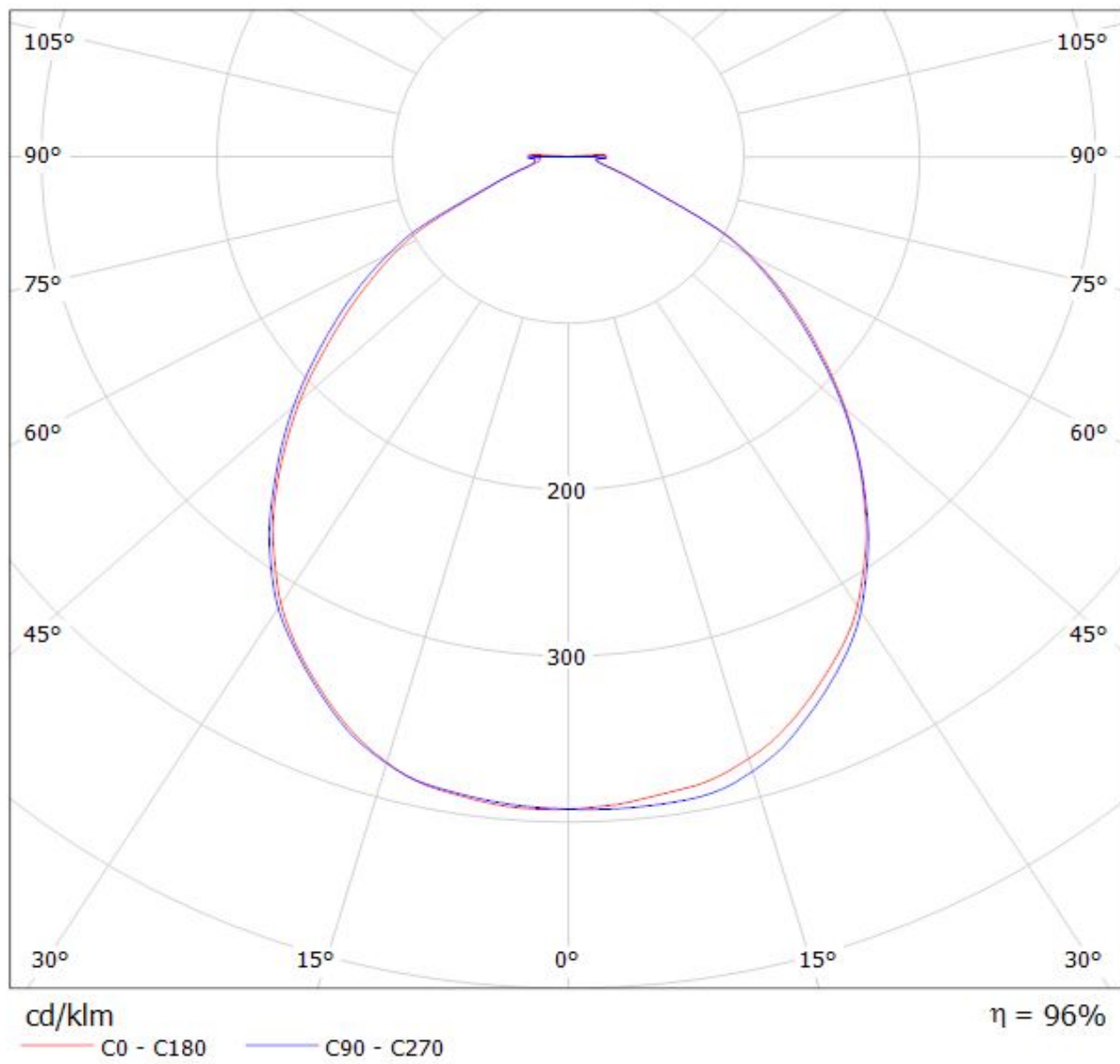
— C0 - C180

— C90 - C270

$\eta = 95\%$

Luminaire: LEDiL Oy C15185_STRADELLA-8-HB-W_(Z8Y22P)

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



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.