

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	
XT-E	90,6 deg	Wide	sim: 96 %	sim: 0.440	-
XP-G3	sim: 94	Wide	sim: 91 %	sim: 0.430	-
LUXEON 3030 2D	sim: 87	Wide	sim: 94 %	sim: 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	-
Z8Y19	100 deg	Wide	94 %	0.390	-
Z8Y22P	98 deg	Wide	94 %	0.400	-

H G F E D C B A

4

3

2

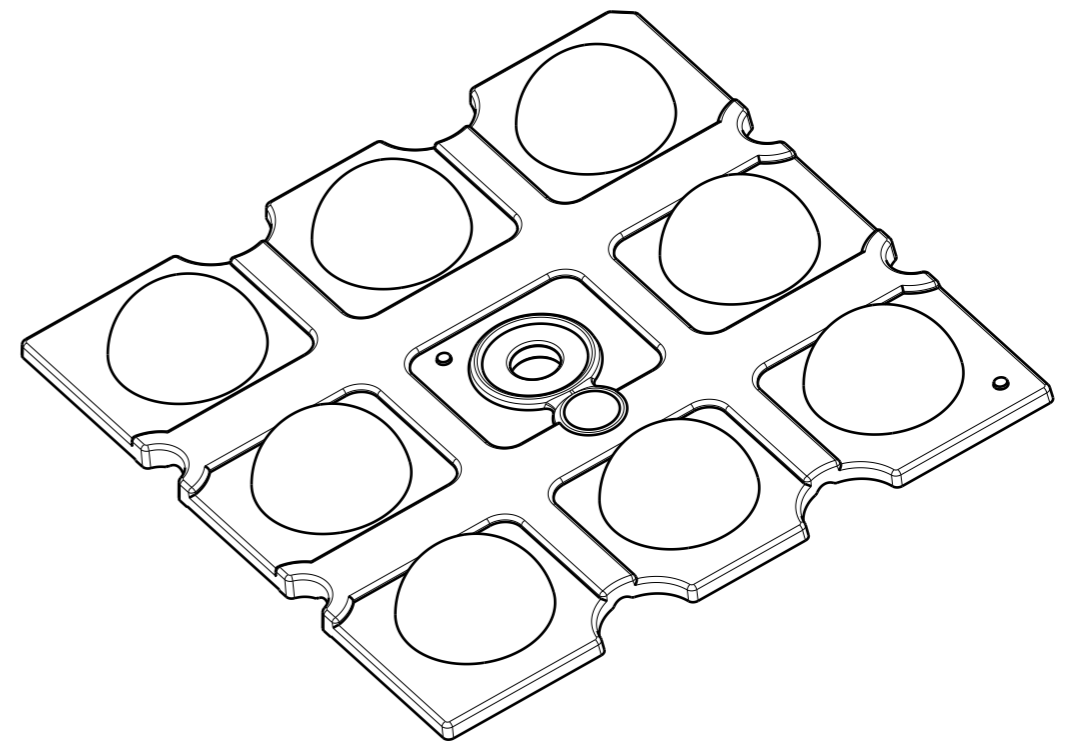
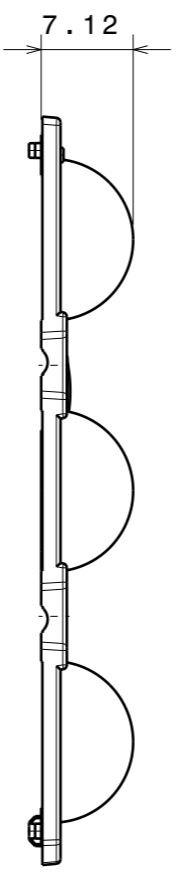
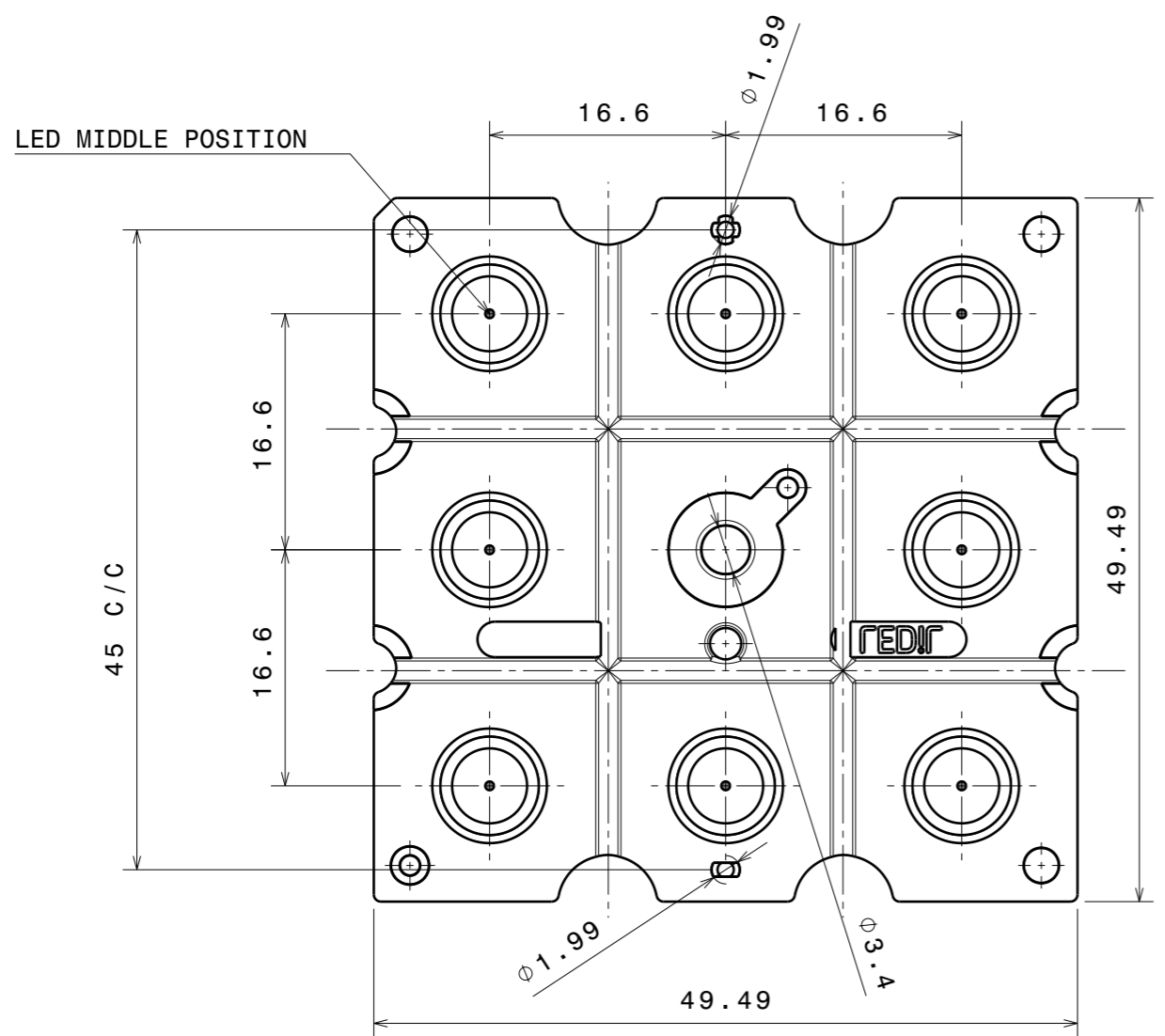
1

4

3

2

1

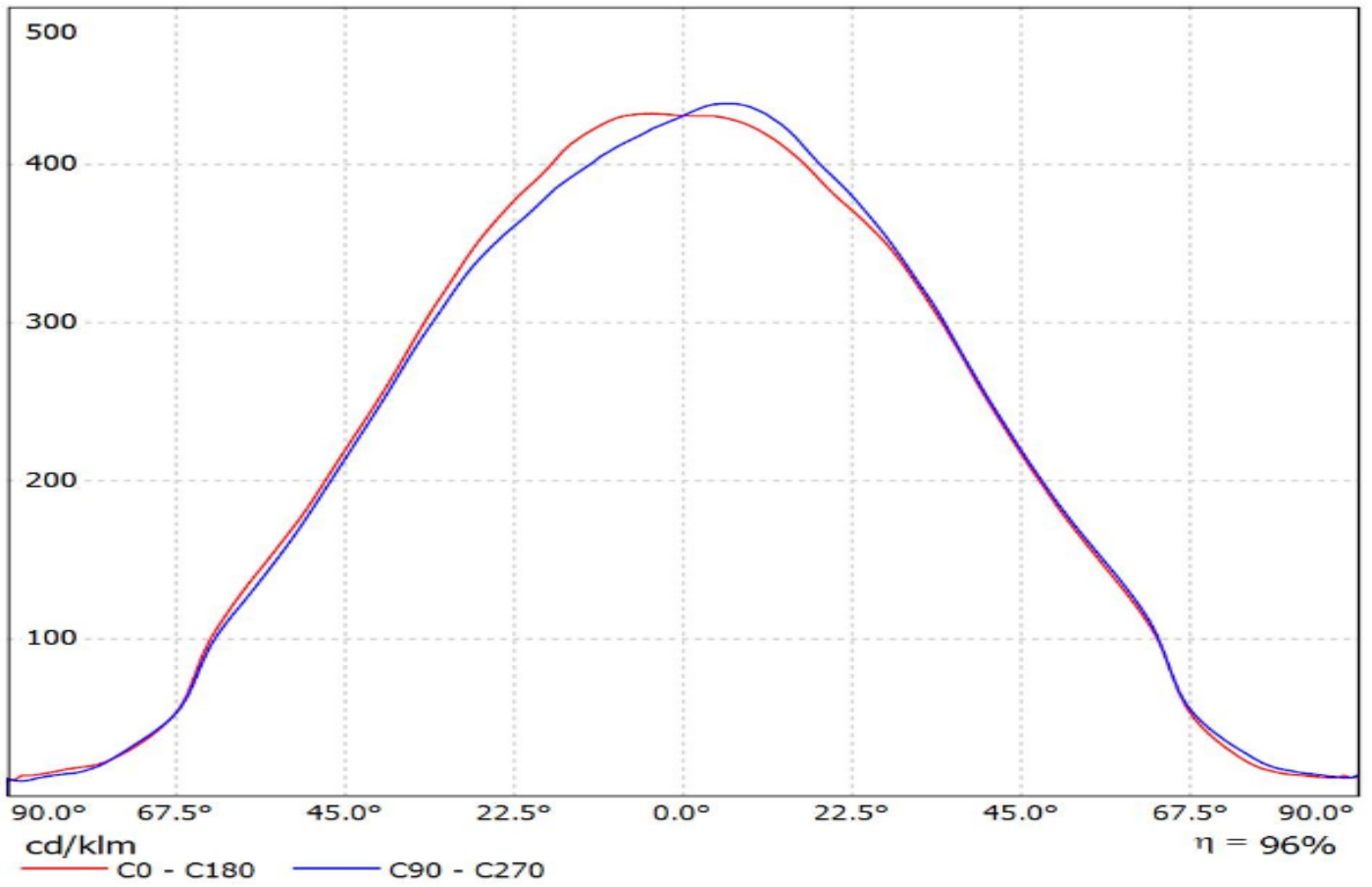


<p>Tolerances if not otherwise shown According to DIN ISO 2768-1 Linear measures: up to 30mm class M, otherwise class C According to DIN ISO 2768-2 Form and position: class L</p>		<p>LEDiL LediL Oy Salorankatu 10 FIN 24240 SALO Finland</p>	
<p>THIRD ANGLE PROJECTION: </p>		<p>DRAWING TITLE Datasheet_STRADELLA-W</p>	
<p>This drawing is the property of LEDiL Oy. It may not be reproduced, copied or communicated without a written agreement with LEDiL Oy.</p>		<p>SIZE A3</p>	<p>PART NUMBER C15185</p>
		<p>SCALE 2:1</p>	<p>WEIGHT g</p>
		<p>SHEET 1/1</p>	

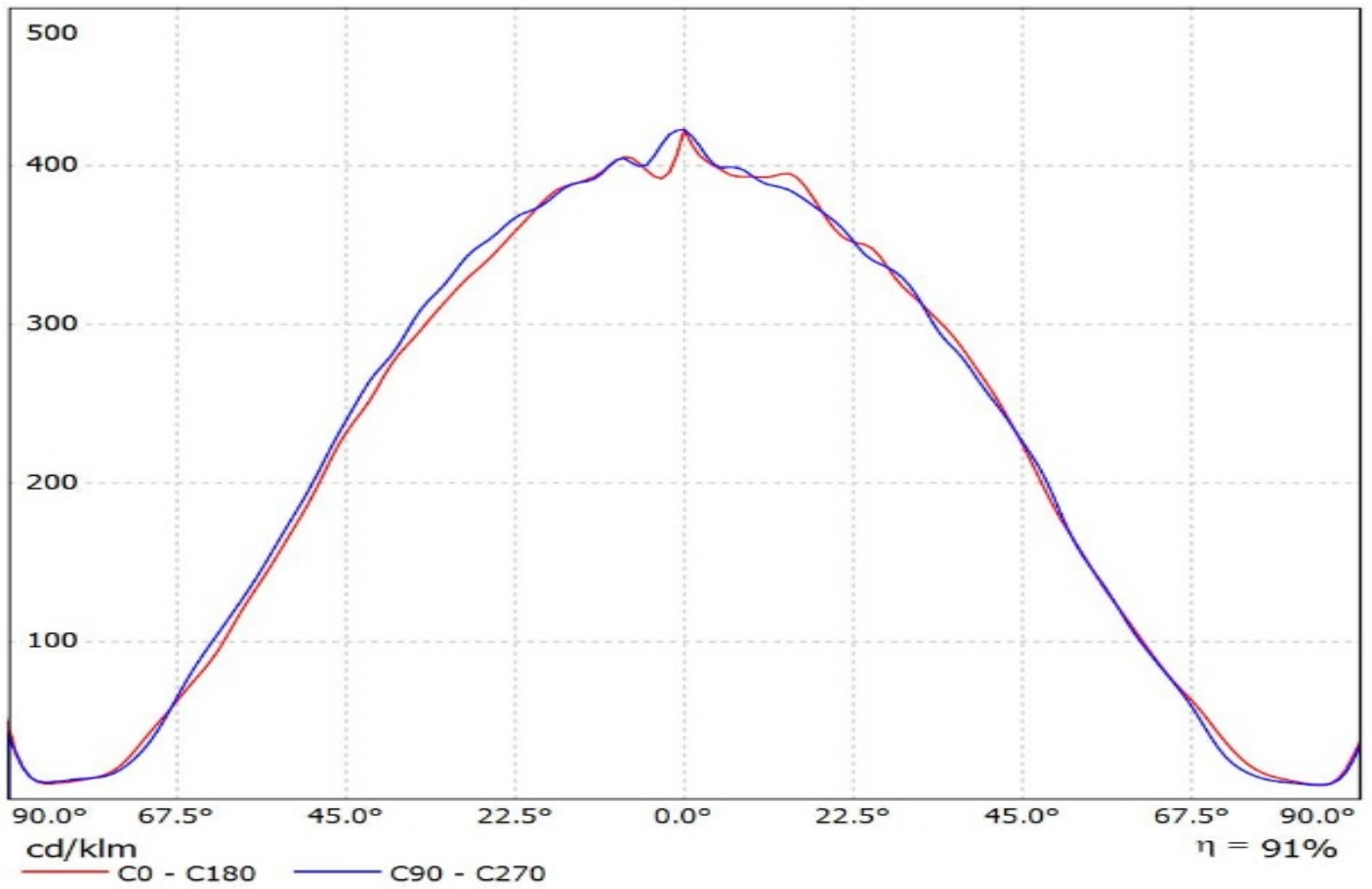
H G B A

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

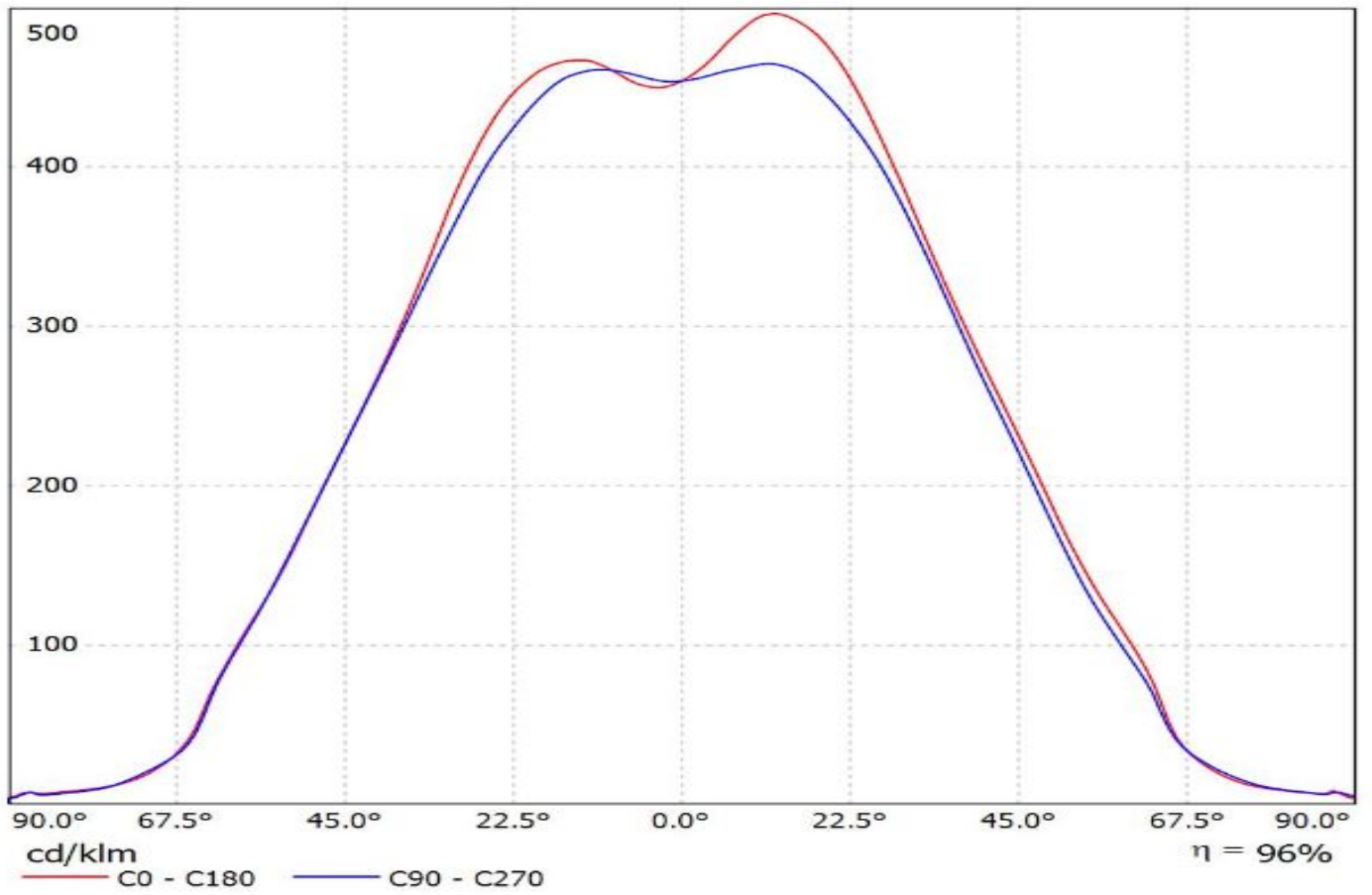


Luminaire: Ledil Oy C15185_STRADELLA-8-HB-W_(XP-G3)_SIMULATED
Lamps: 1 x Cree XP-G3

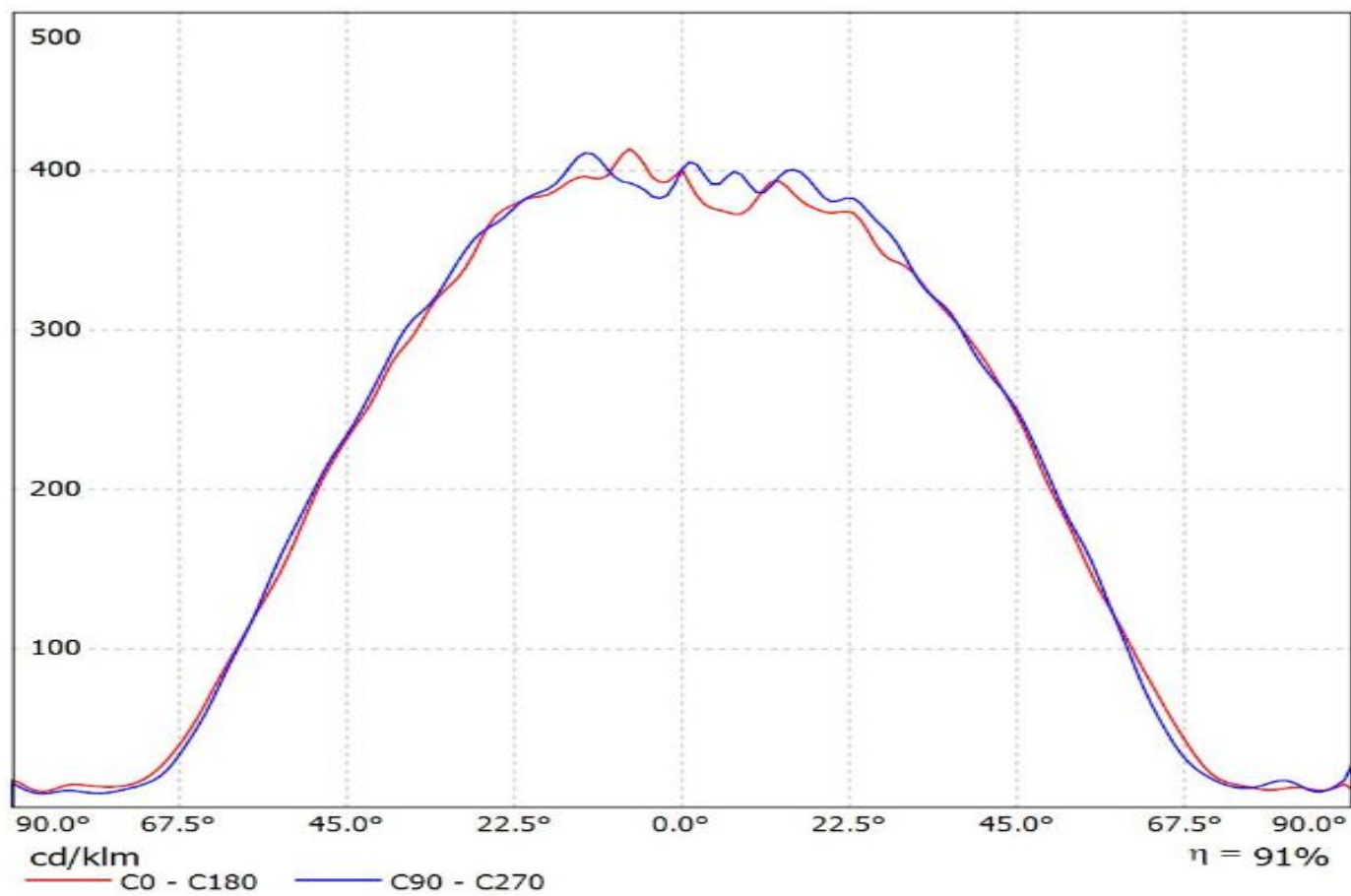


Luminaire: Ledil C15185_STRADELLA-8-HB-W-T3_(LUXEON_3030_2D)

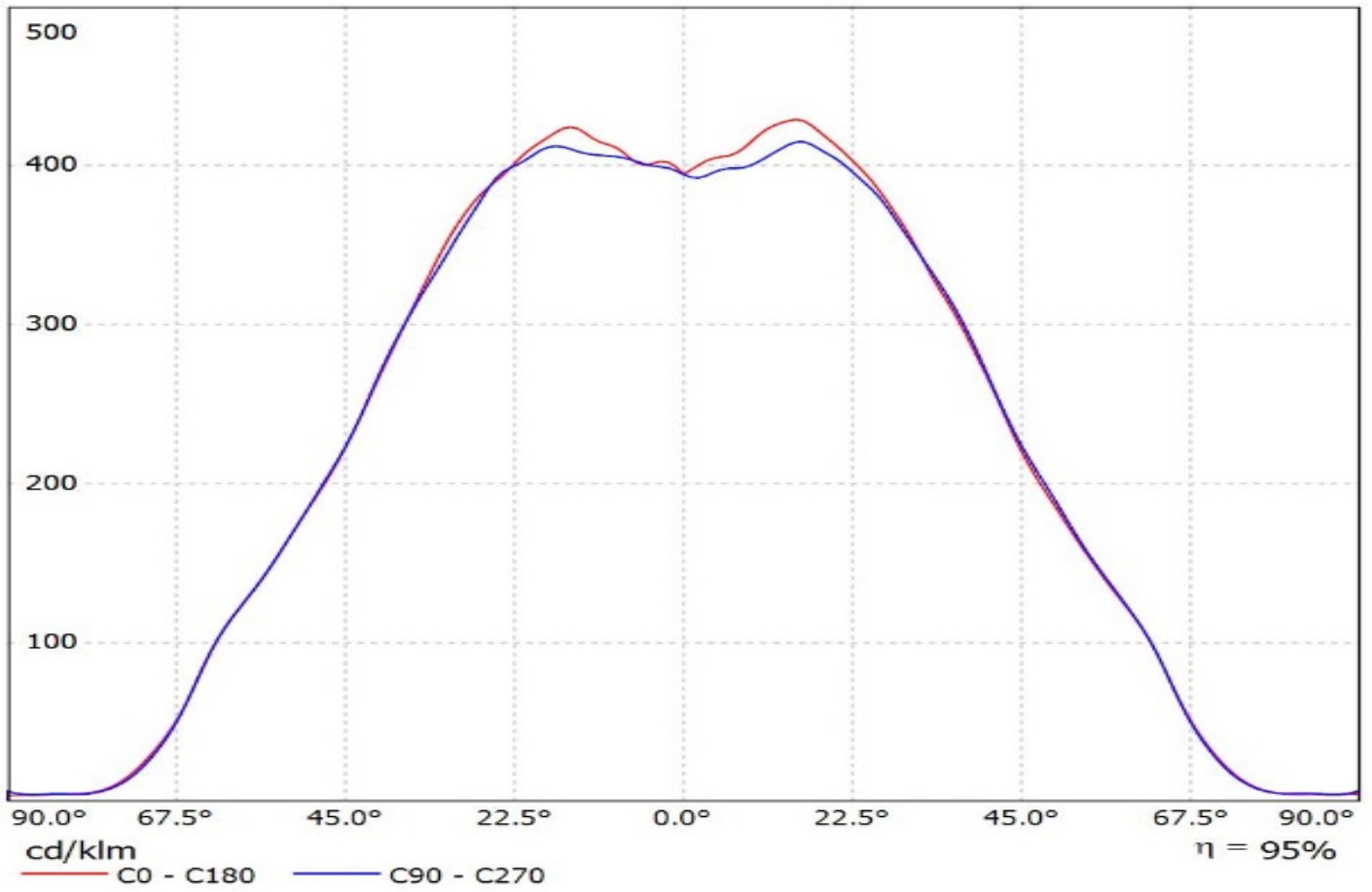
Lamps: 1 x LUXEON_3030_2D_(L130-2780)_349.484lm@60mA_P=2.7450W_η=0.060A



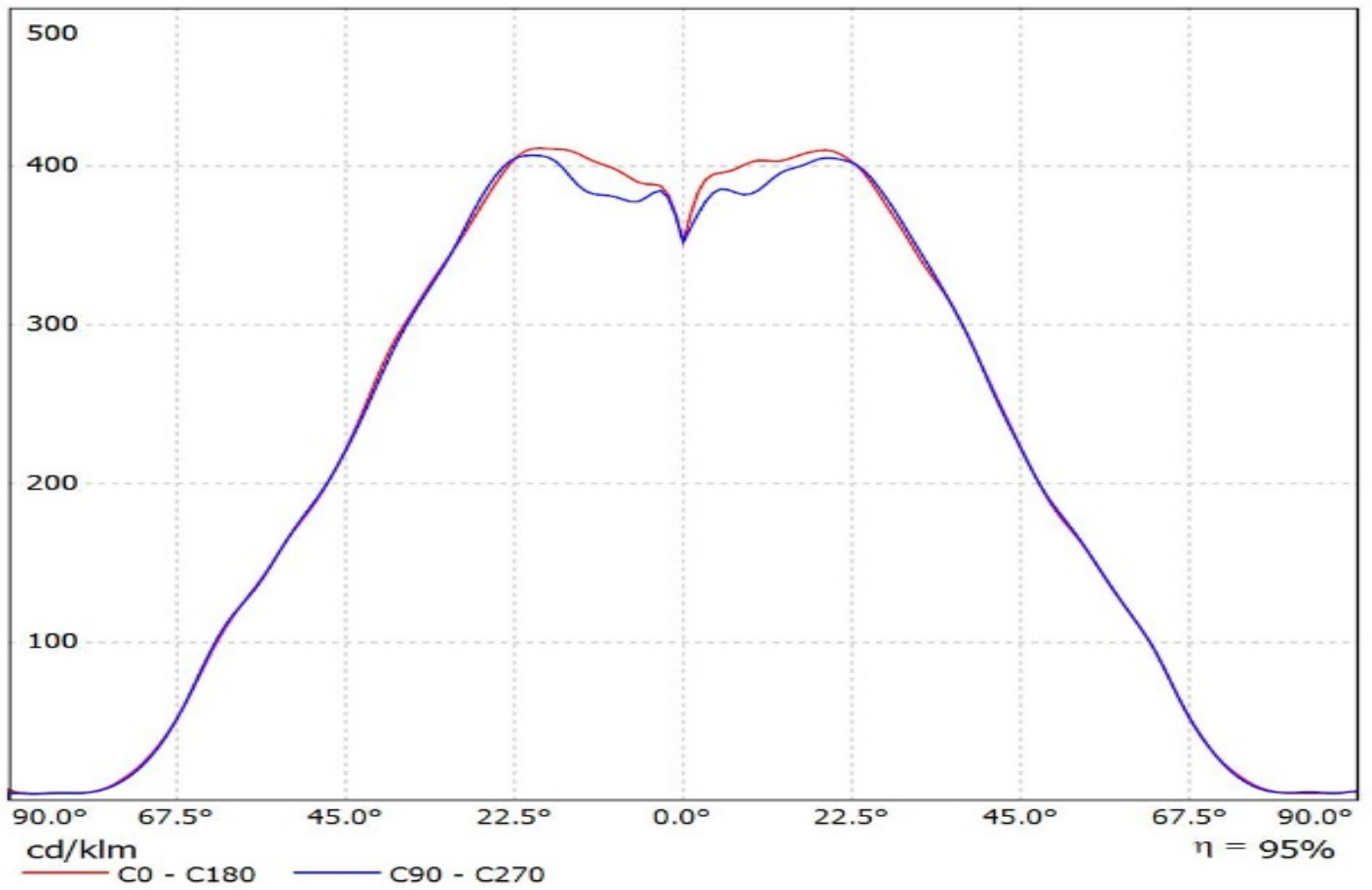
Luminaire: Ledil Oy C15185_STRADELLA-8-HB-W_NICHIA_NVSW219C_SIMULATED
Lamps: 1 x NICHIA NVSW219C



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

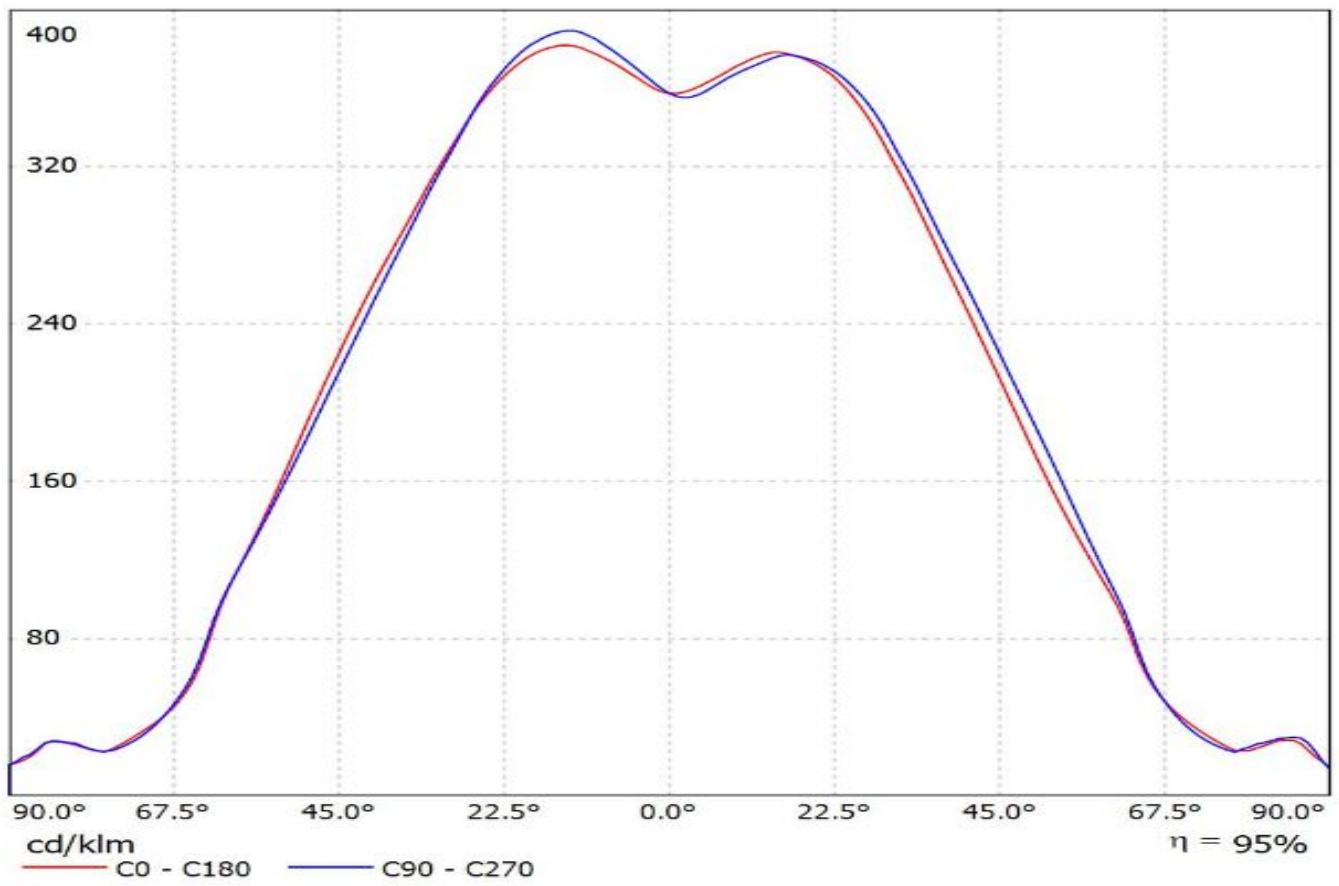


Luminaire: Ledil Oy C15185_STRADELLA-8-HB-W_(NCSxE17A)_SIMULATED
Lamps: 1 x Nichia NVSWE17A



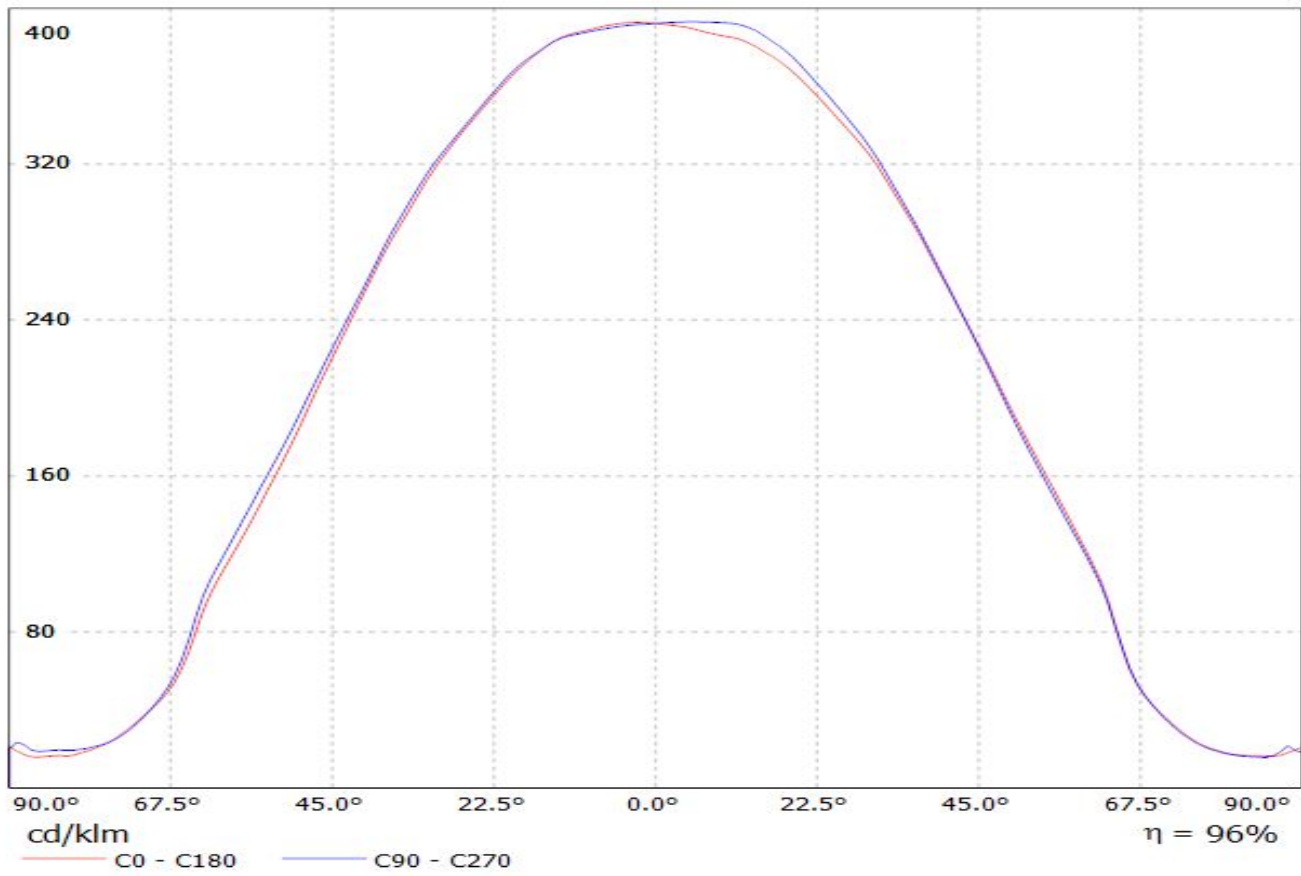
Luminaire: Ledil C15185_STRADELLA-8-HB-W_(SZ8_Y19)

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



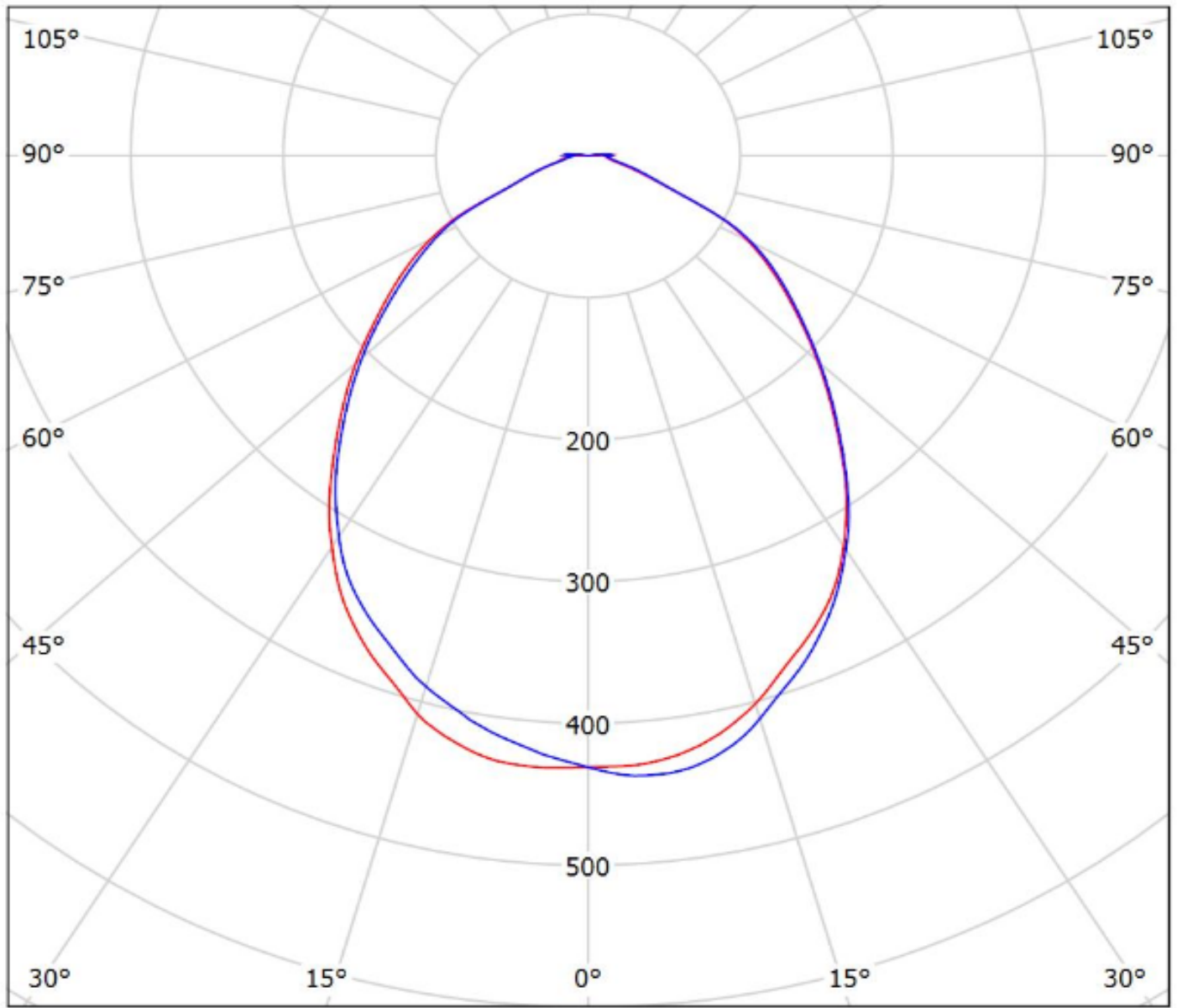
Luminaire: LEDiL Oy C15185_STRADELLA-8-HB-W (Z8Y22P)

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_(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

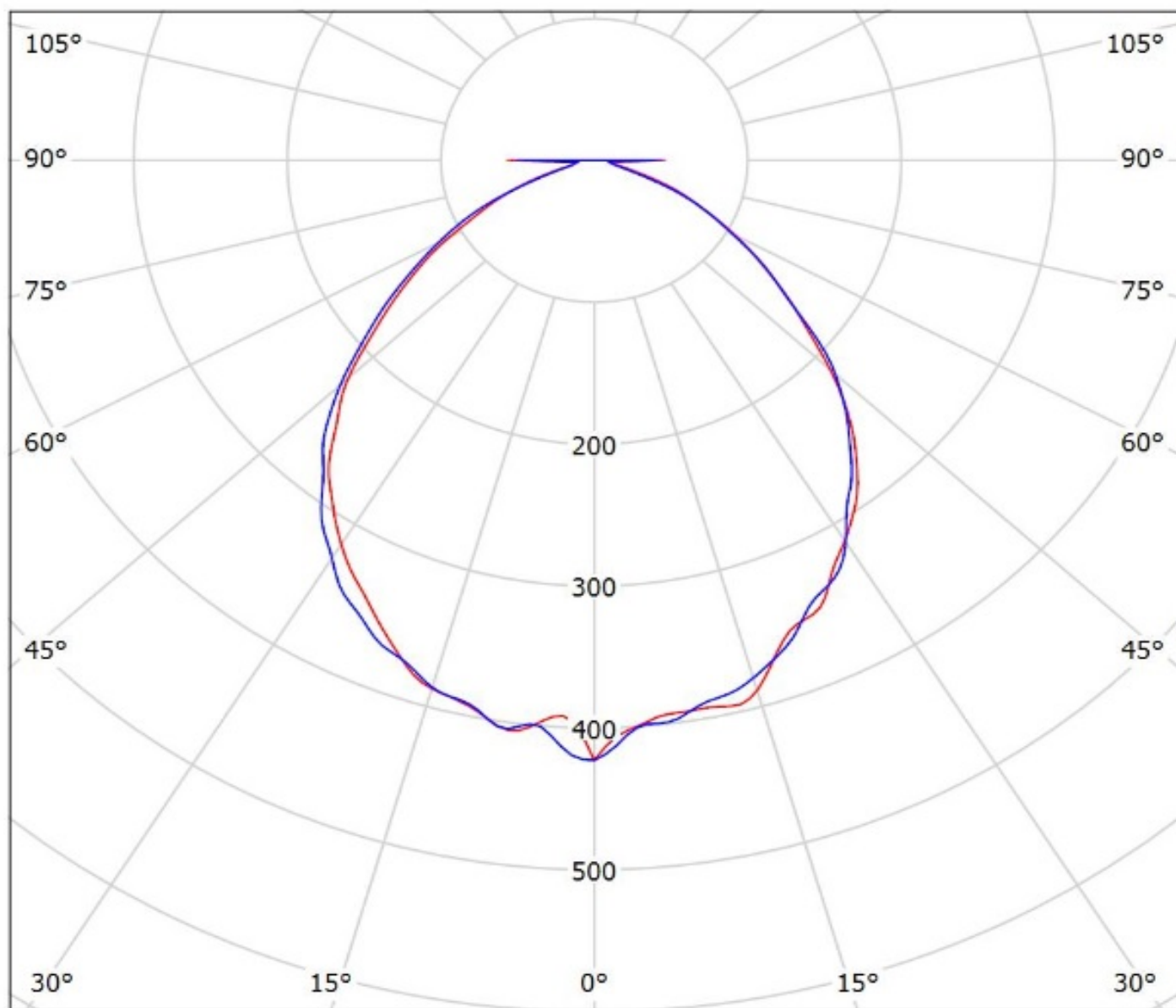
— C0 - C180

— C90 - C270

$\eta = 96\%$

Luminaire: Ledil Oy C15185_STRADELLA-8-HB-W_(XP-G3)_SIMULATED

Lamps: 1 x Cree XP-G3



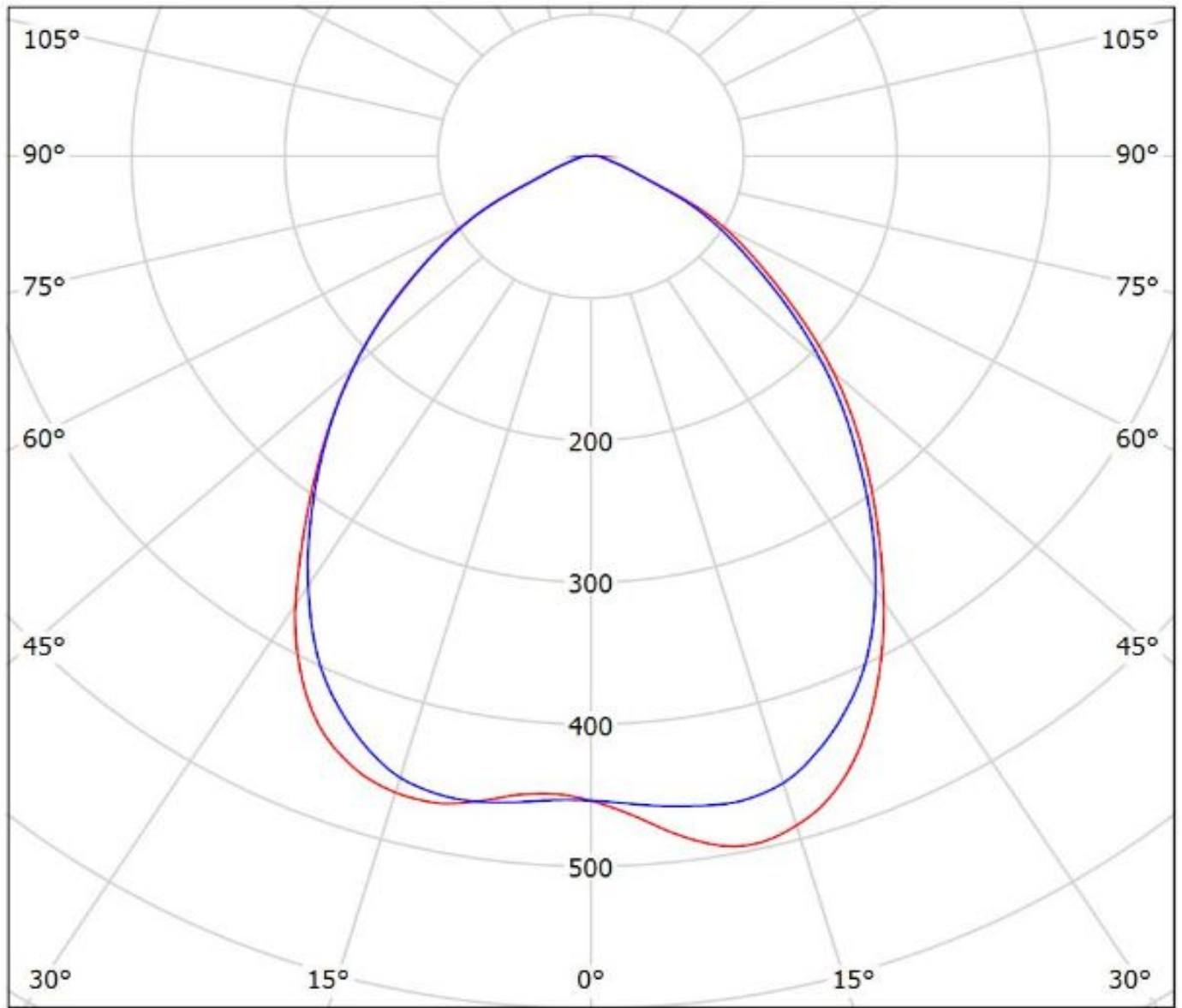
cd/klm

— C0 - C180 — C90 - C270

$\eta = 91\%$

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



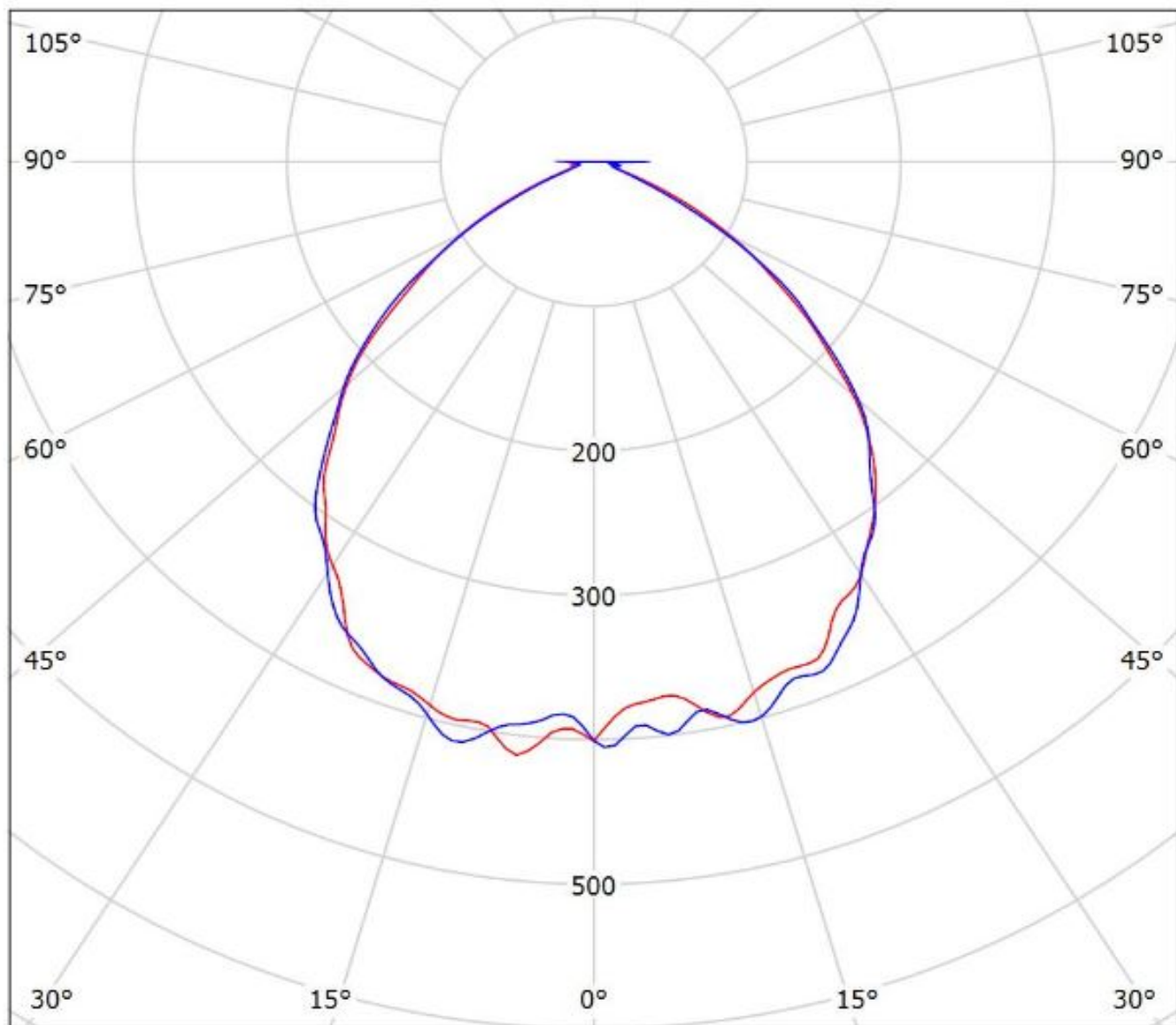
cd/klm

— C0 - C180

— C90 - C270

$\eta = 96\%$

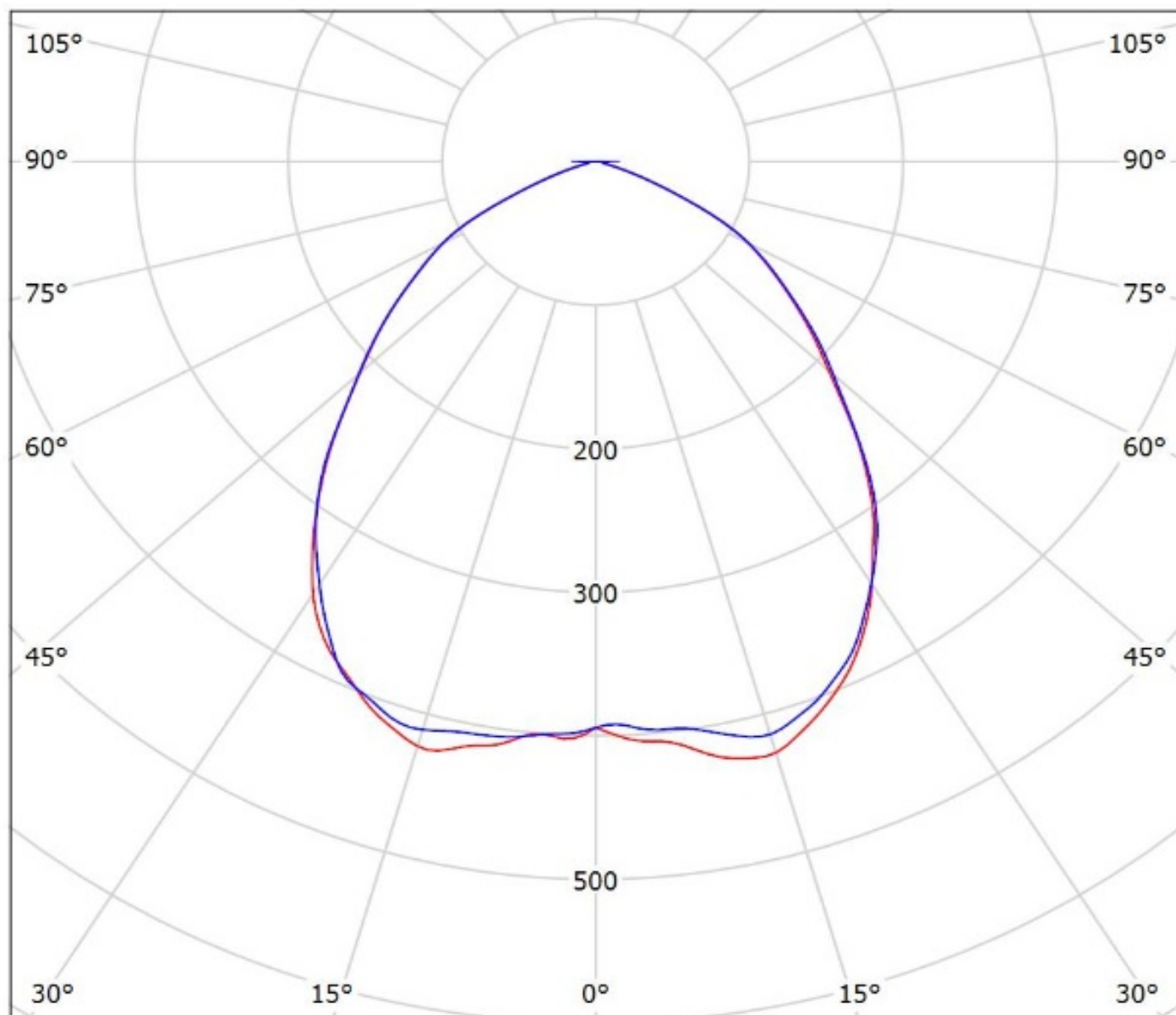
Luminaire: Ledil Oy C15185_STRADELLA-8-HB-W_NICHIA_NVSW219C_SIMULATED
Lamps: 1 x NICHIA NVSW219C



cd/klm
— C0 - C180 — C90 - C270

$\eta = 91\%$

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

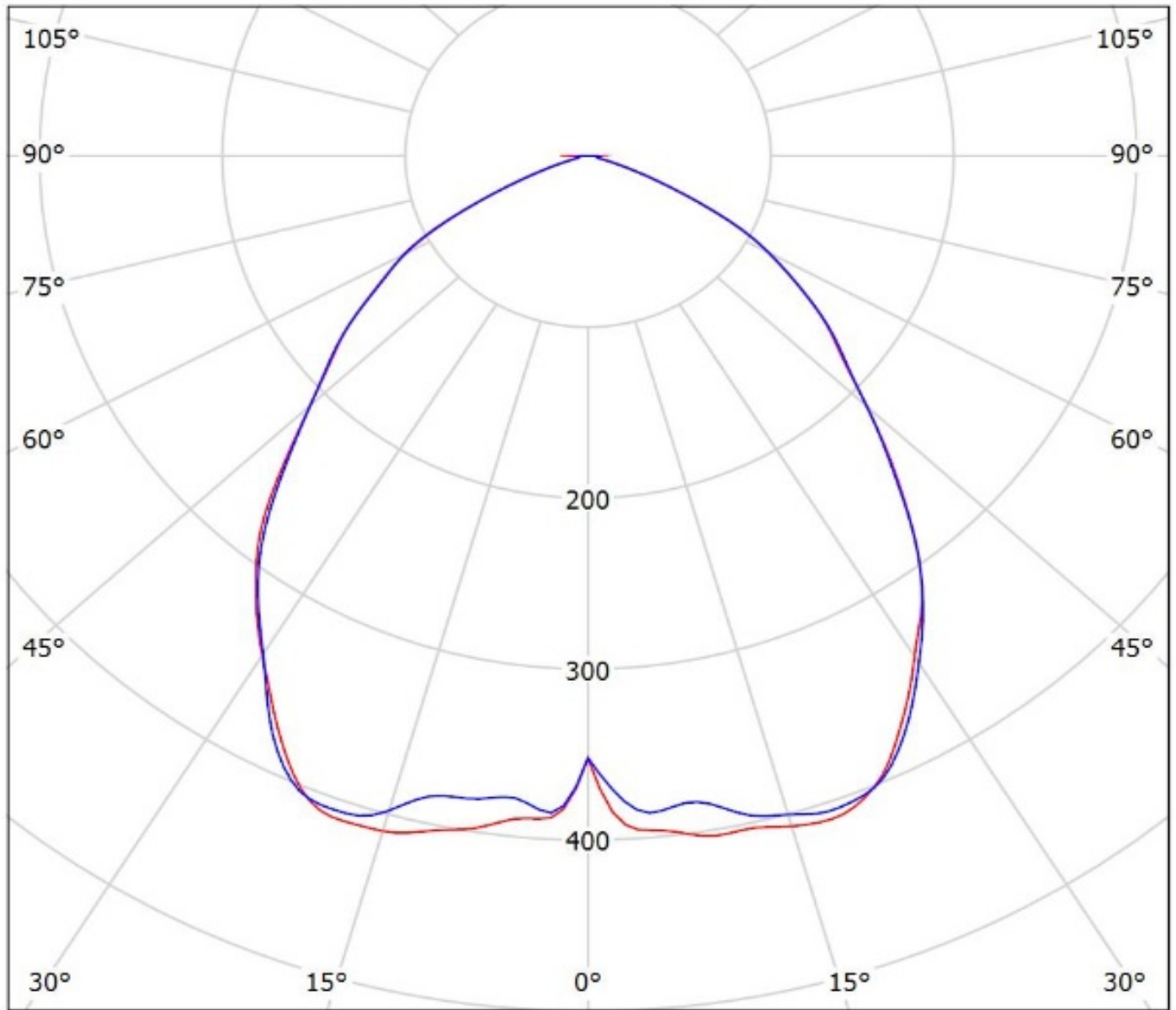


cd/klm

— C0 - C180 — C90 - C270

$\eta = 95\%$

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



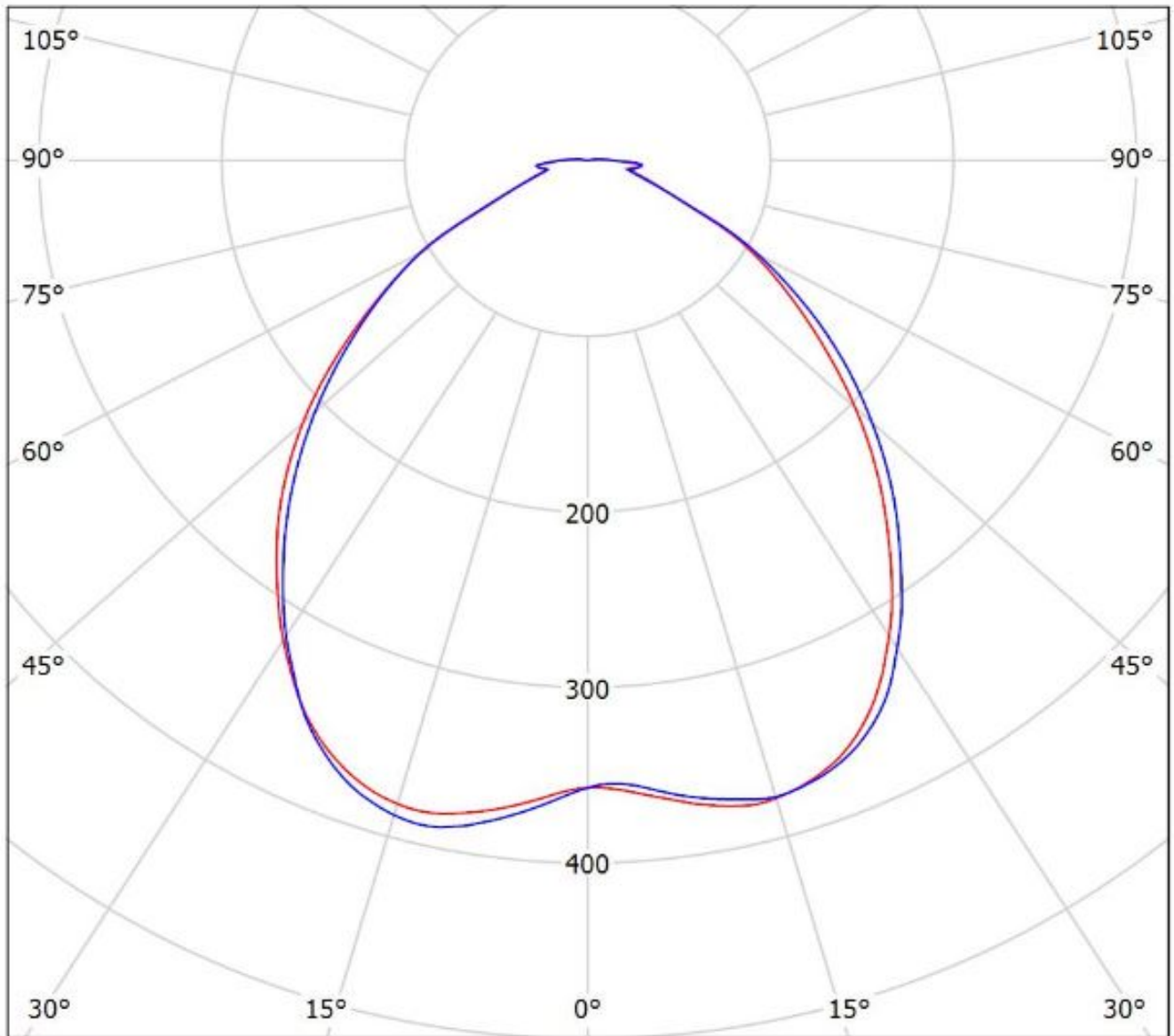
cd/klm

— C0 - C180 — C90 - C270

$\eta = 95\%$

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

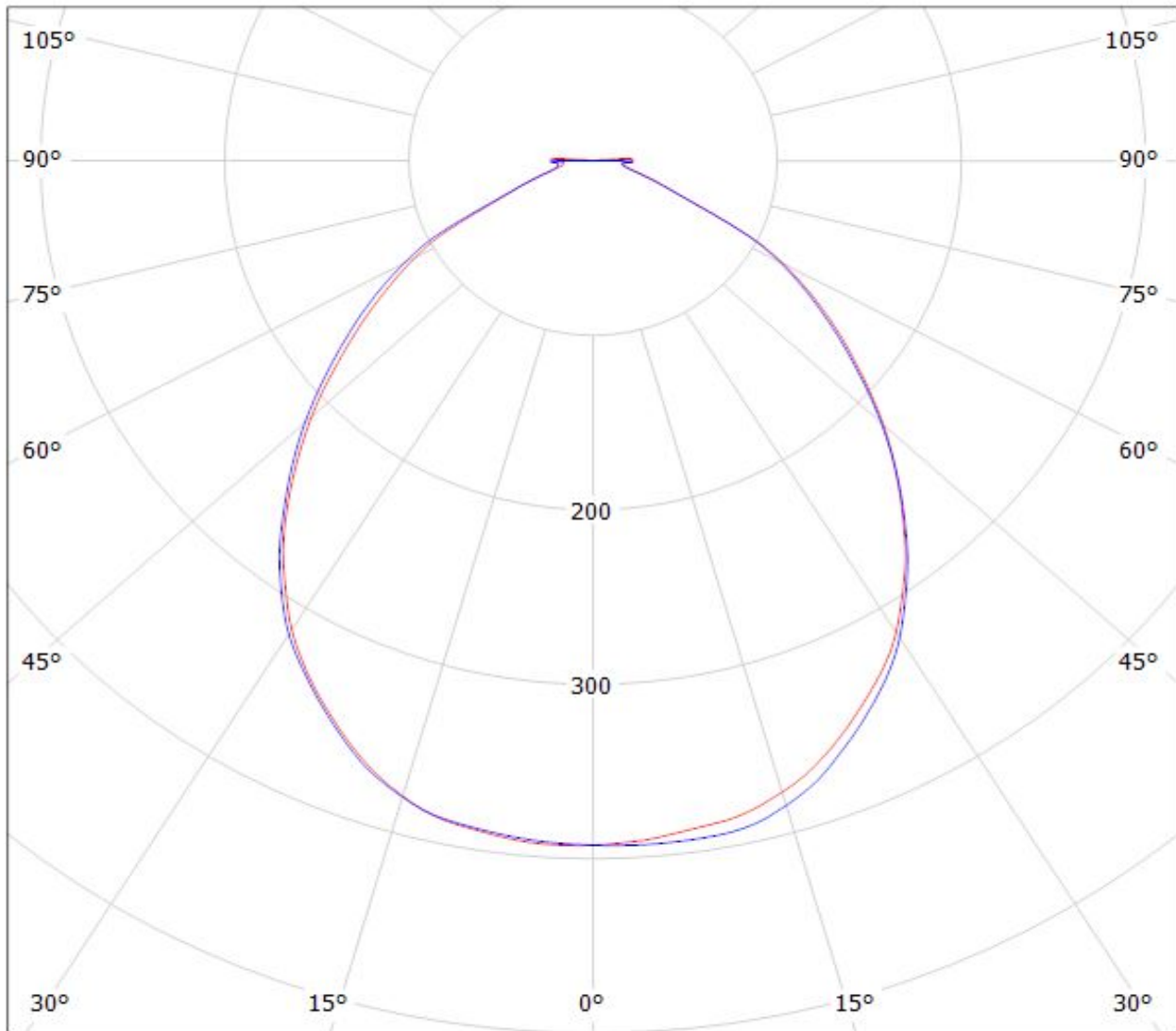
— C0 - C180

— 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



cd/klm

— C0 - C180

— C90 - C270

$\eta = 96\%$

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.