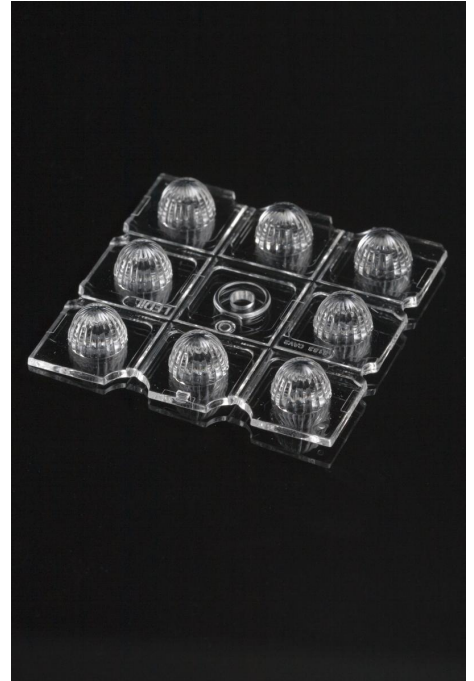


DETAILS

Product Number	C15183_STRADELLA-8-HB-S
Family	Stradella
Type	Lens array
Color	clear
Diameter	49,5+49,5 mm
Height	7,5 mm
Style	rectang
Optic Material	PMMA
Holder Material	
Fastening	screw
Status	production ready
ROHS Compliant	Yes
Date Updated	15/07/2016

OPTICAL PROPERTIES

LED	Viewing	Light	Effi-		Connector
	Angle	Beam	ciency	cd/lm	
XT-E	28 deg	Spot	94 %	1.600	-
XP-G3	sim: 33	Spot	sim: 89 %	sim: 1.400	-
LUXEON 3535L HE	sim: 20	Spot	sim: 90 %	sim: 2.300	-
LUXEON HR30	sim: 26	Spot	sim: 91 %	sim: 2.100	-
LUXEON TX	29 deg	Spot	94 %	1.900	-
LUXEON 3535L	24 deg	Spot	94 %	2.300	-
LUXEON 3030 2D	23 deg	Spot	94 %	2.300	-
NVSxx19B/NVSxx19C	sim: 30	Spot	sim: 88 %	sim: 1.590	-
NCSxE17A	sim: 19	Spot	sim: 94 %	sim: 2.900	-
NVSxE21A	sim: 22	Spot	sim: 94 %	sim: 2.400	-
Duris S5 (2 chip)	23 deg	Spot	93 %	2.300	-
Z8Y19	sim: 23	Spot	sim: 92 %	sim: 1.800	-
Z8Y22P	31 deg	Spot	93 %	1.400	-



H G F E D C B A

4

3

2

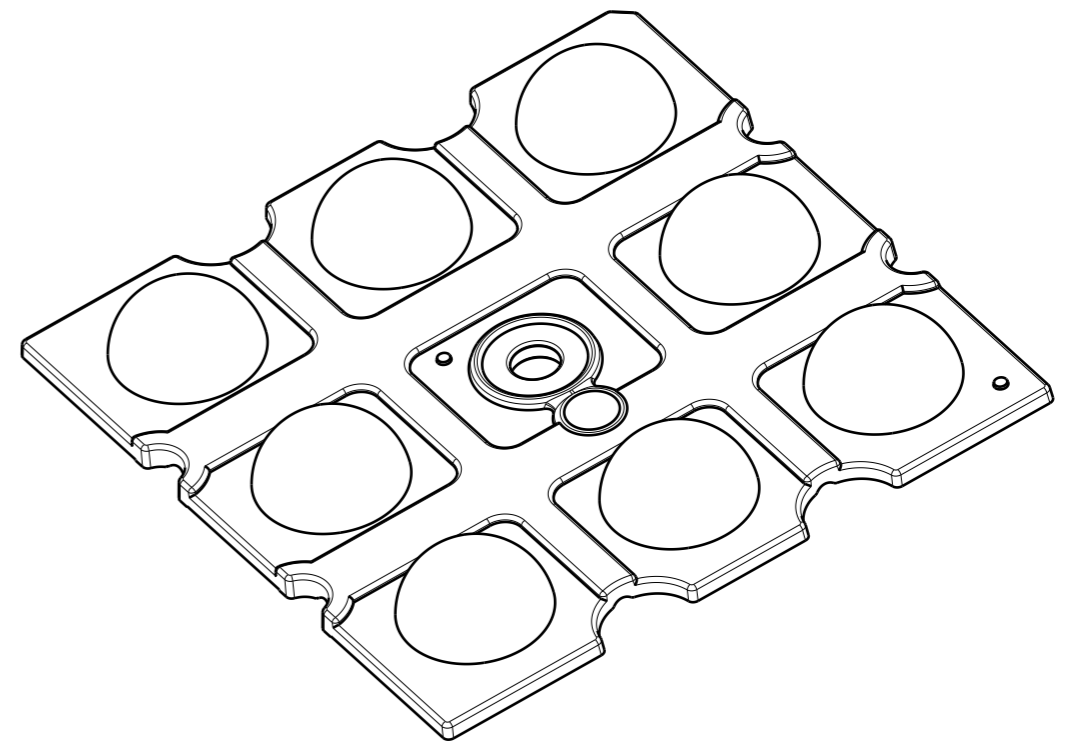
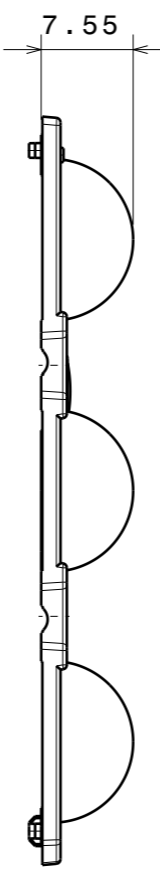
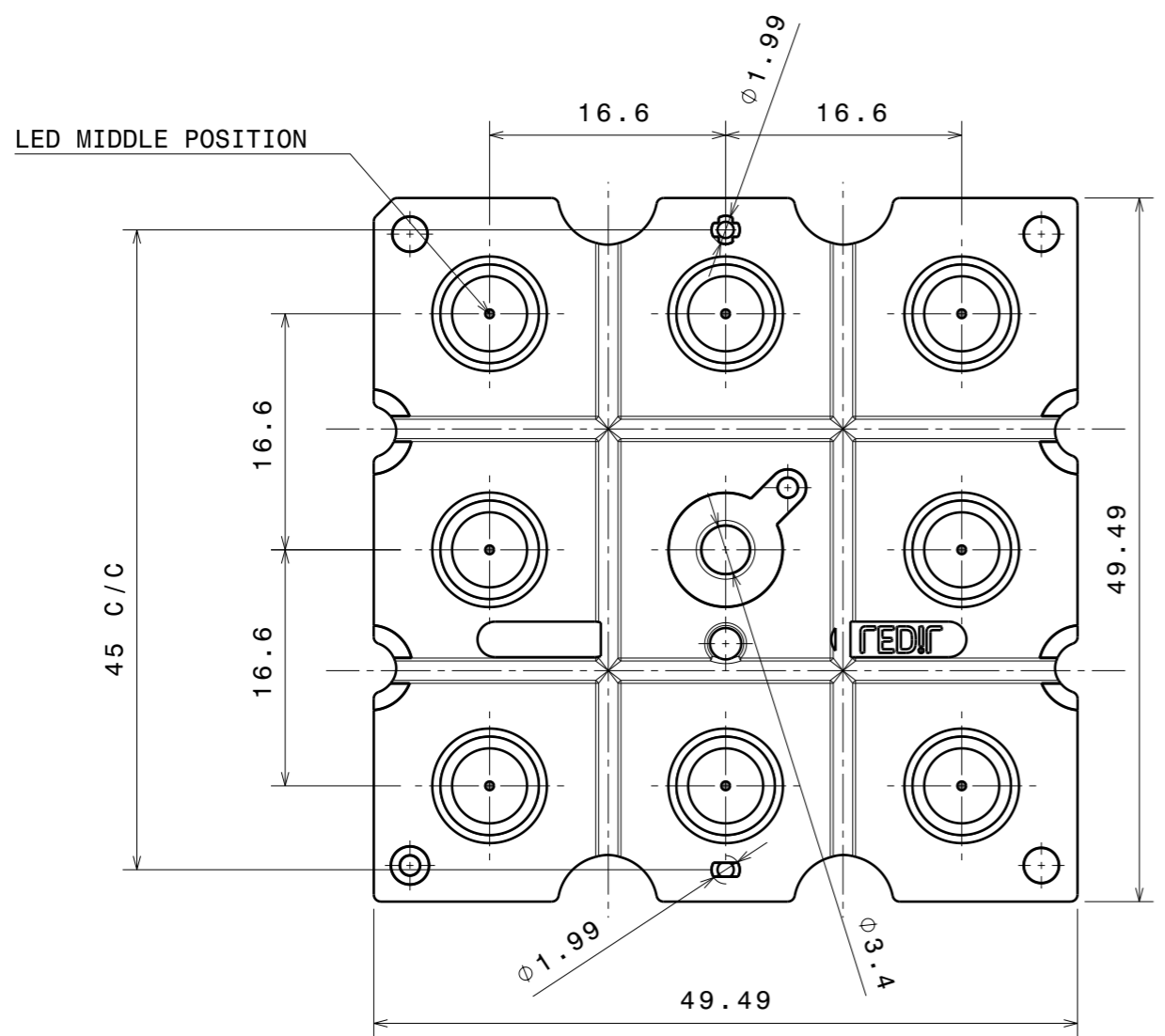
1

4

3

2

1

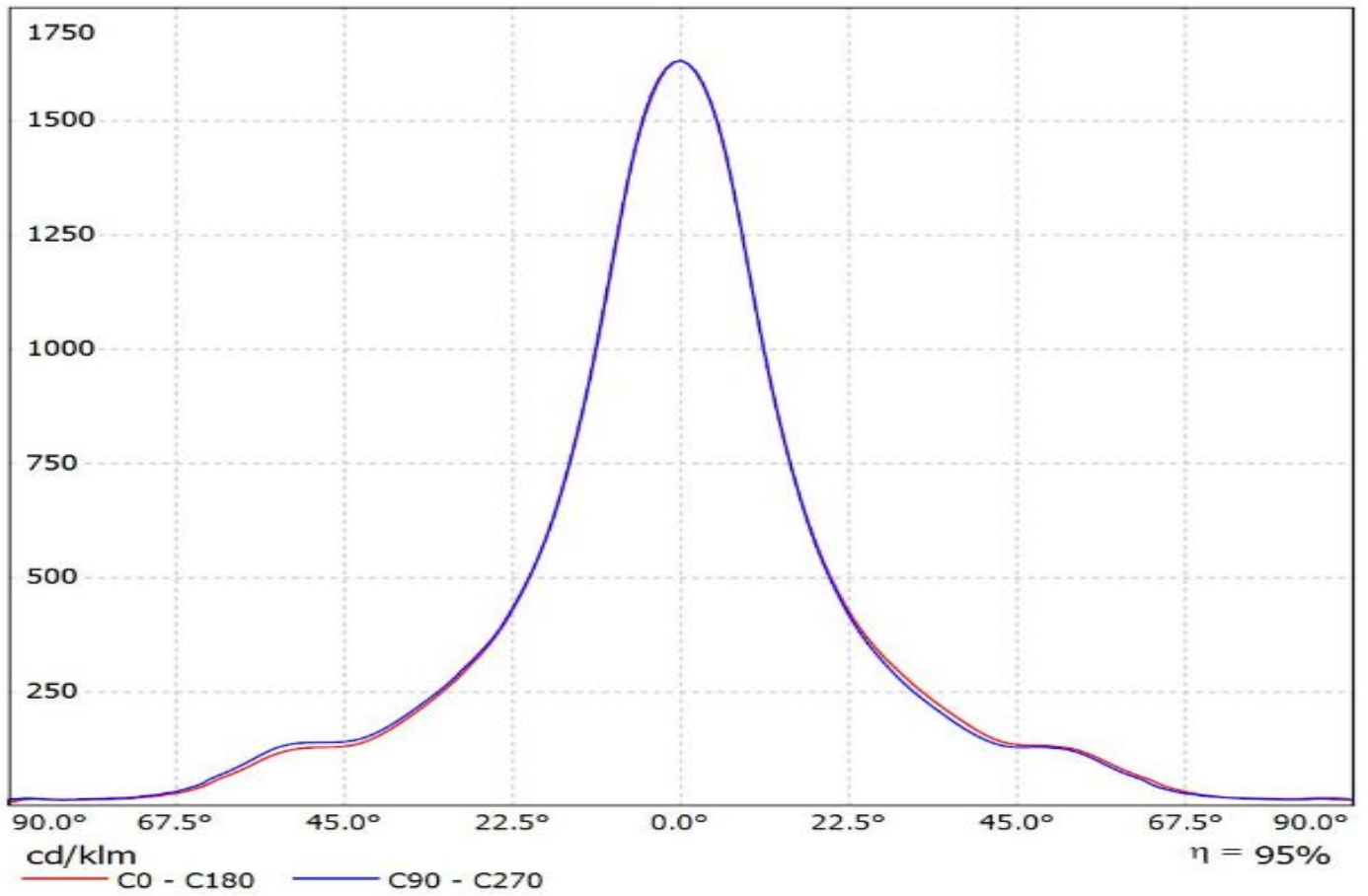


<p>Tolerances if not otherwise shown According to DIN ISO 2768-1 Linear measures: up to 30mm class M, otherwise class C According to DIN ISO 2768-2 Form and position: class L</p>		<p>LEDiL LediL Oy Salorankatu 10 FIN 24240 SALO Finland</p>	
<p>THIRD ANGLE PROJECTION: </p>		<p>DRAWING TITLE Datasheet_STRADELLA-S</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 C15183</p>
<p>SCALE 2:1</p>		<p>WEIGHT g</p>	<p>SHEET 1/1</p>

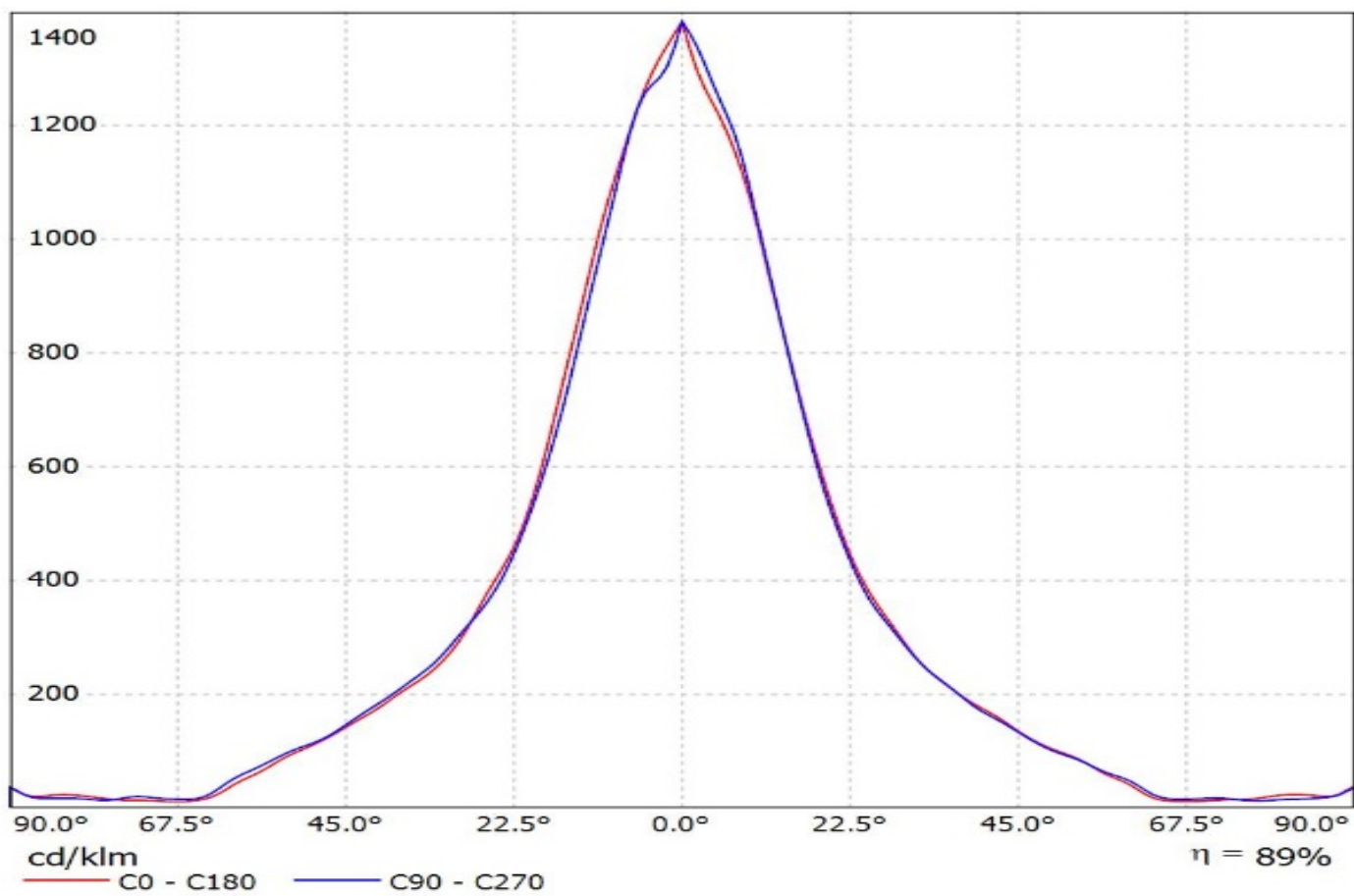
H G B A

Luminaire: Ledil C15183_STRADELLA-8-HB-S-(XT-E)

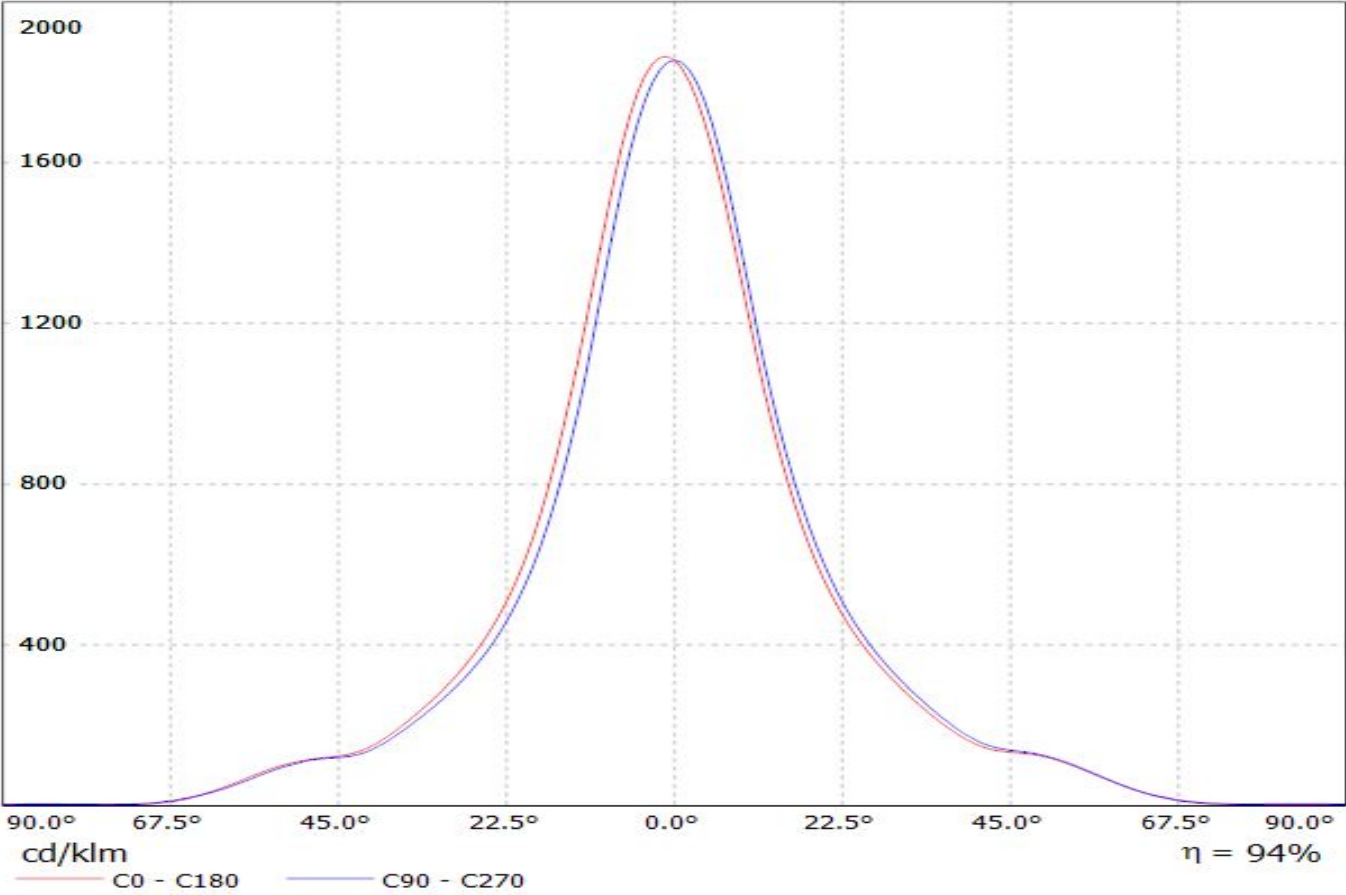
Lamps: 1 x CREE_XT-E_x8_(XTEAWT-0-2A0-R30-FB0001)_800.055lm@250mA_P=5.98875W_I=0.250A



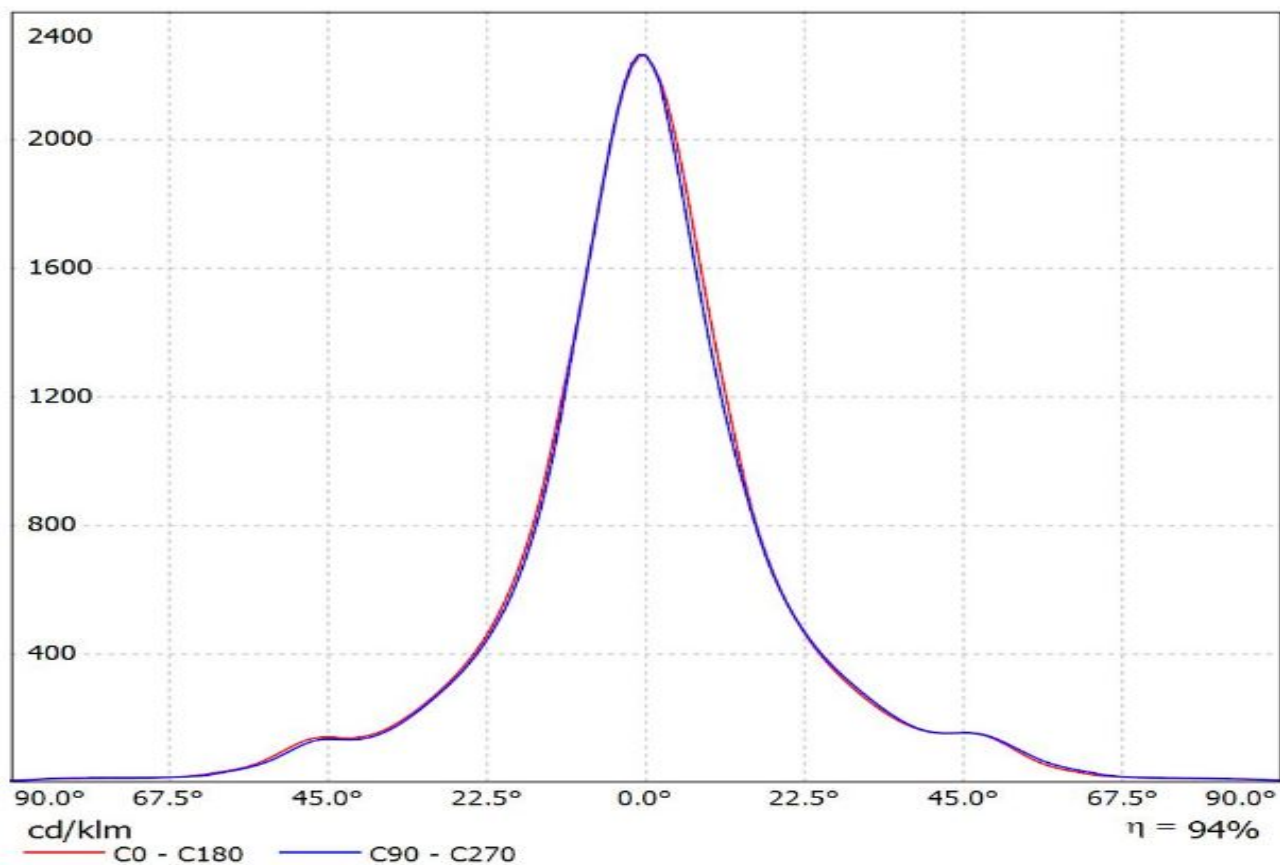
Luminaire: Ledil Oy C15183_STRADELLA-8-HB-S_(XP-G3)_SIMULATED
Lamps: 1 x Cree XP-G3



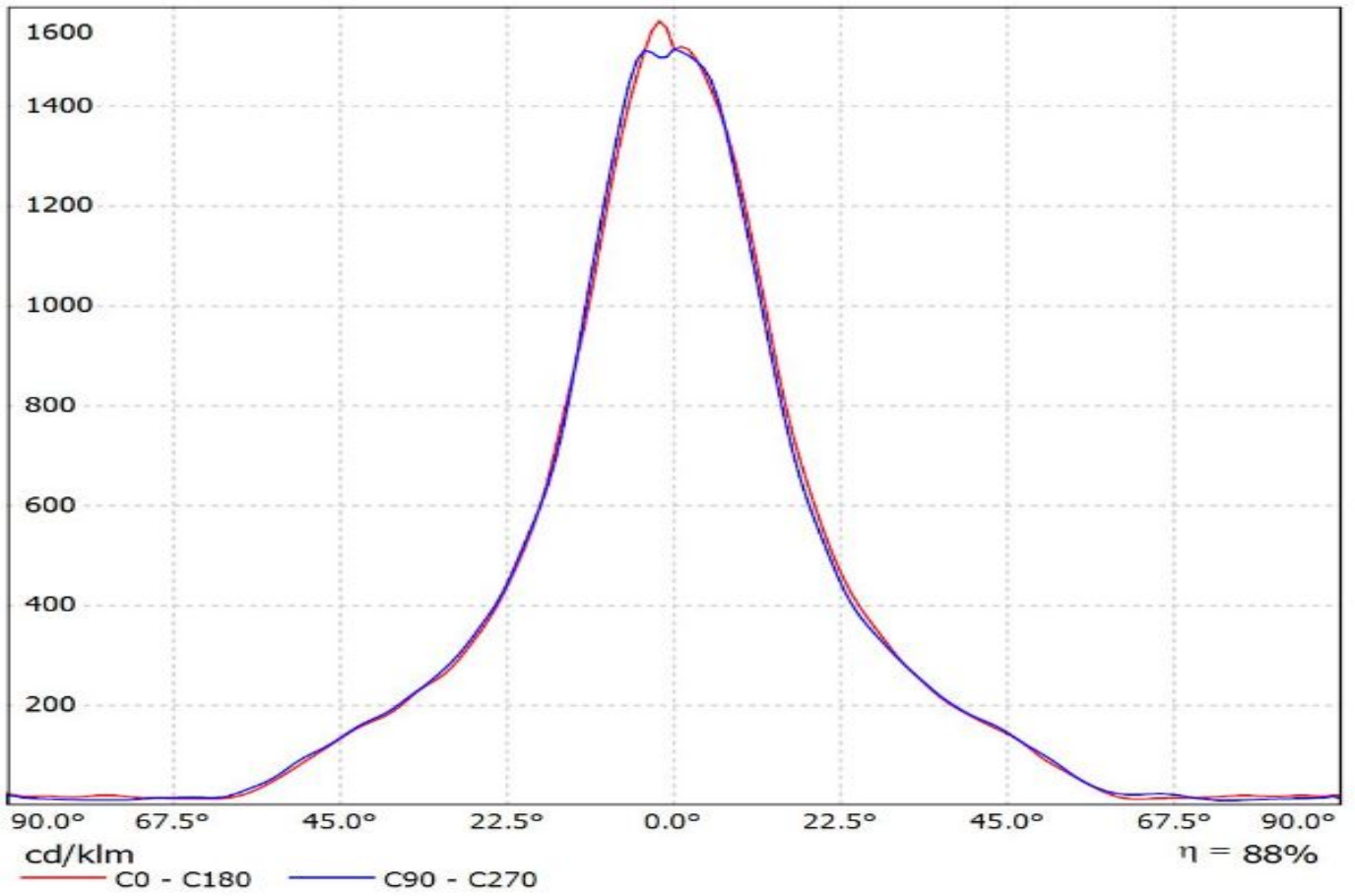
Luminaire: Ledil Oy
Lamps: 1 x C15183_STRADELLA-8-HB-S_(Luxeon_TX)



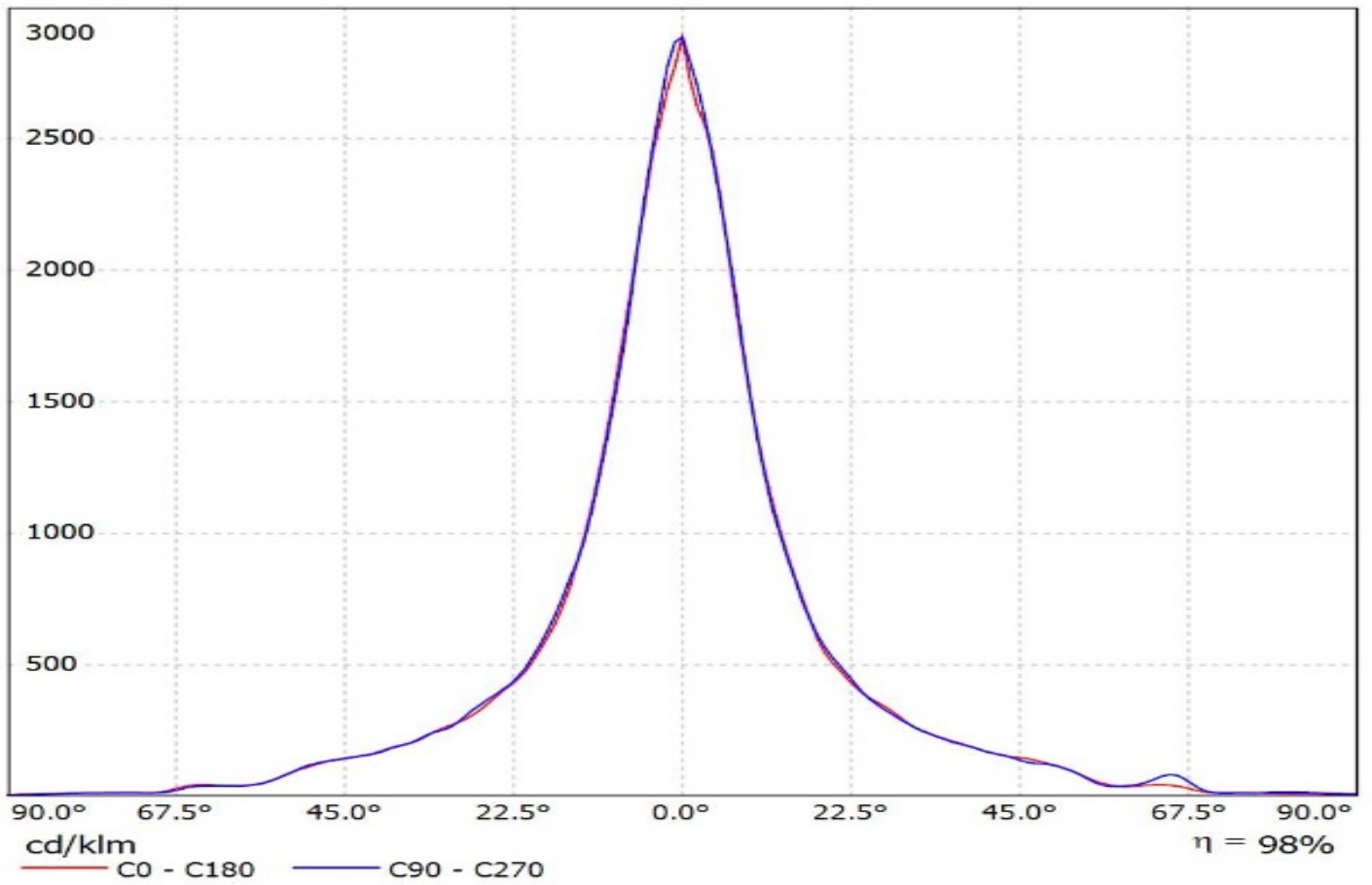
Luminaire: Ledil C15183_STRADELLA-8-HB-S_(Luxeon_3535L)
Lamps: 1 x Luxeon_3535L_(MXA8-PW27-H00Z)_323.149lm@100mA_P=2.2645W_I=0.1



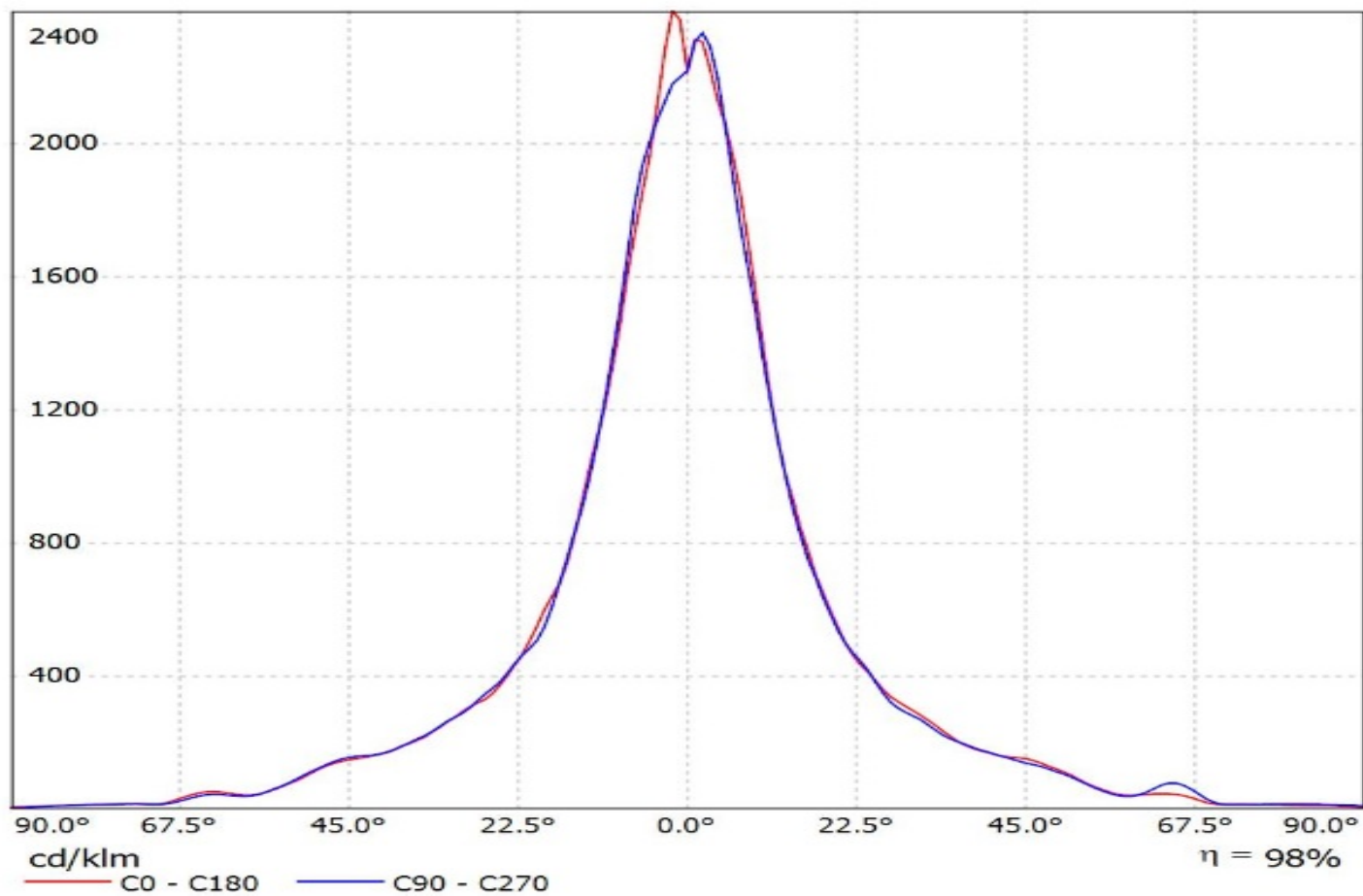
Luminaire: Ledil Oy C15183_STRADELLA-8-HB-S_NICHIA_NVSW219C_SIMULATED
Lamps: 1 x NICHIA NVSW219C



Luminaire: Ledil Oy C15183_STRADELLA-8-HB-S_NCSxE17AT_SIMULATED
Lamps: 1 x NICHIA NCSxE17AT

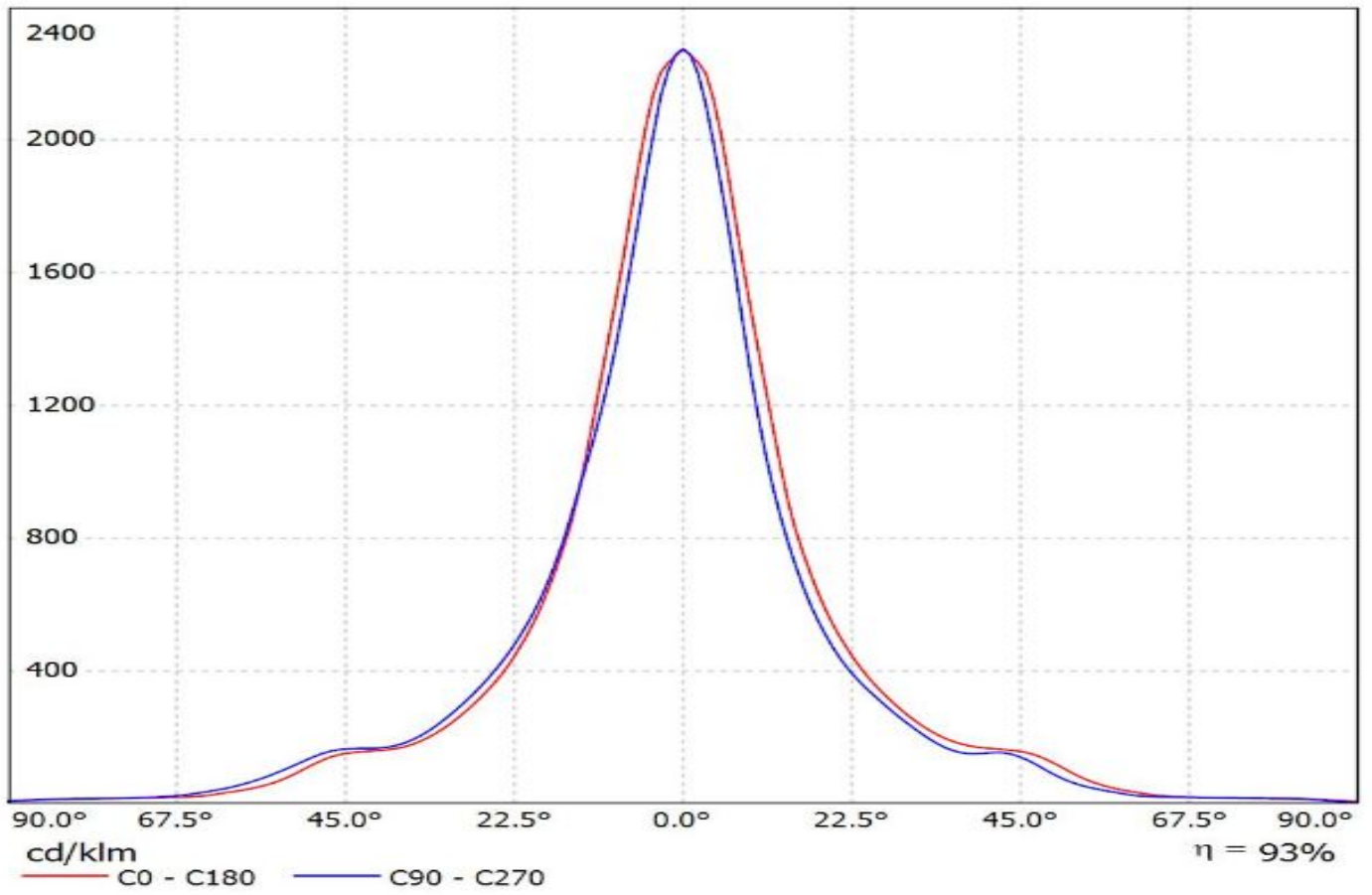


Luminaire: Ledil Oy C15183_STRADELLA-8-HB-S_NVsxE21AT_SIMULATED
Lamps: 1 x NICHIA NVsxE21AT

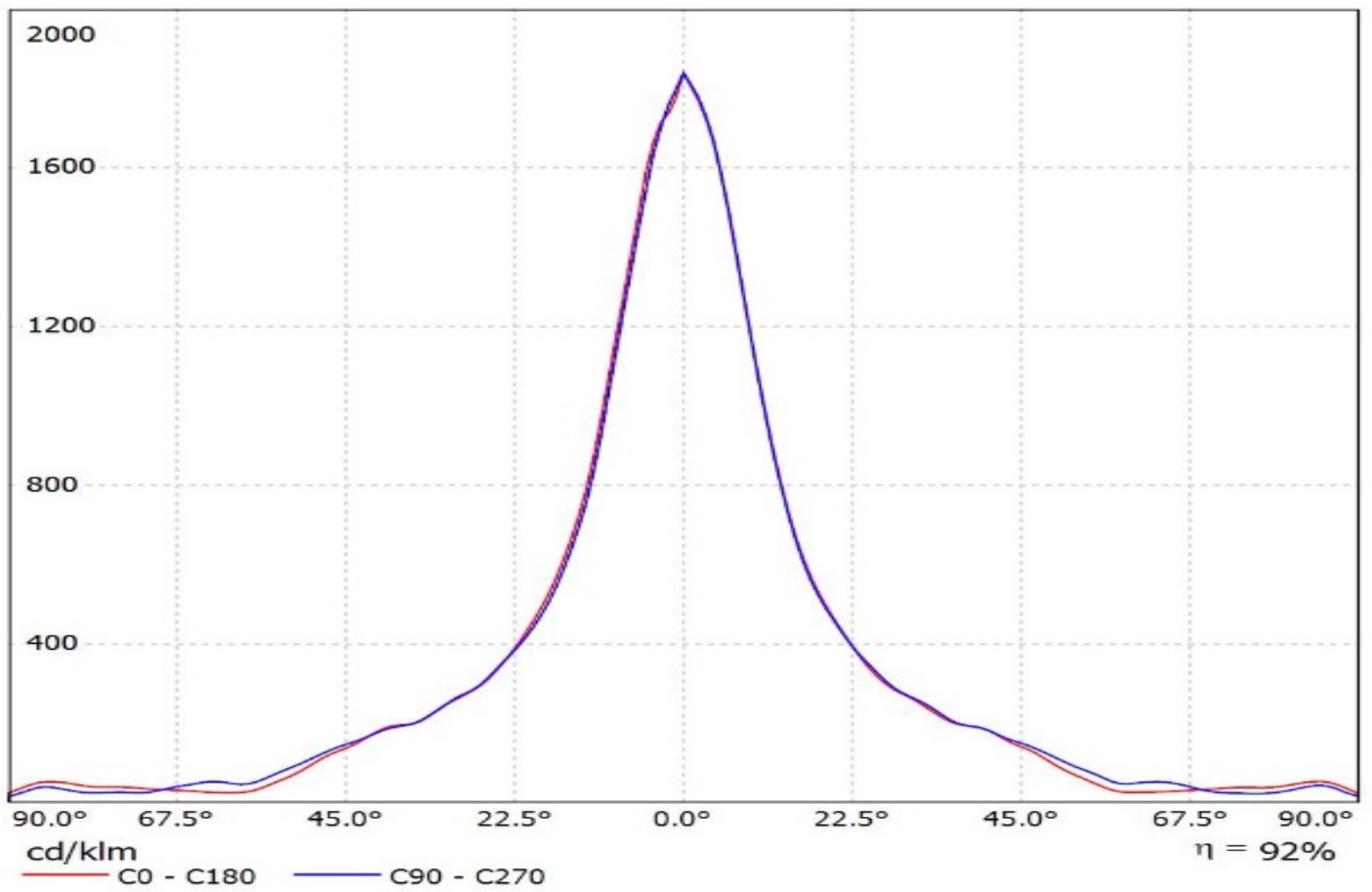


Luminaire: Ledil C15183_STRADELLA-8-HB-S (Osram Duris_S5)

Lamps: 1 x Osram_Duris_S5_(GW_PSLR32_EM-JQJS-A535-1)_437.198lm@120mA_P=2.8168W_I=0.12

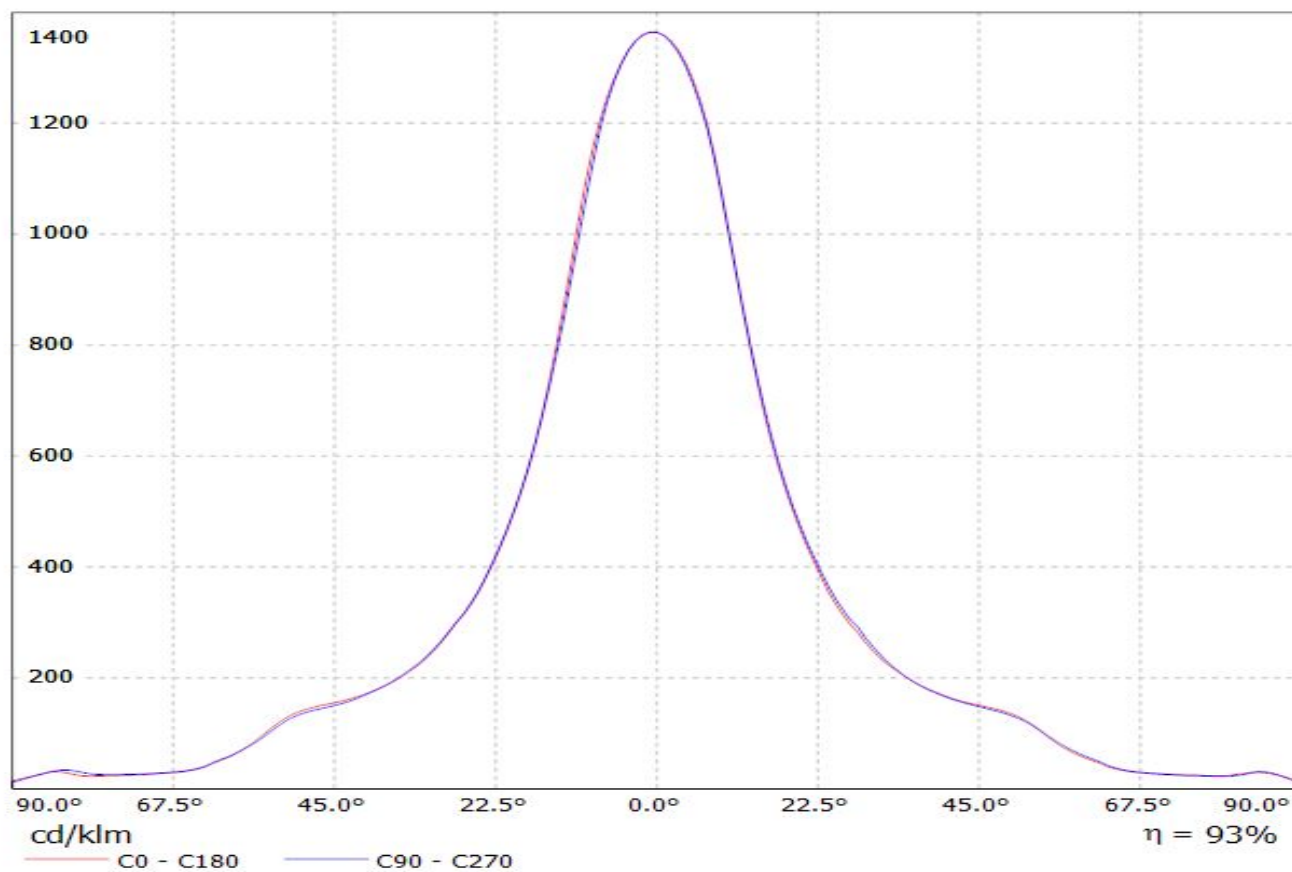


Luminaire: Ledil Oy C15183_STRADELLA-8-HB-S_(Z8Y19)_SIMULATED
Lamps: 1 x Seoul SZ8Y19



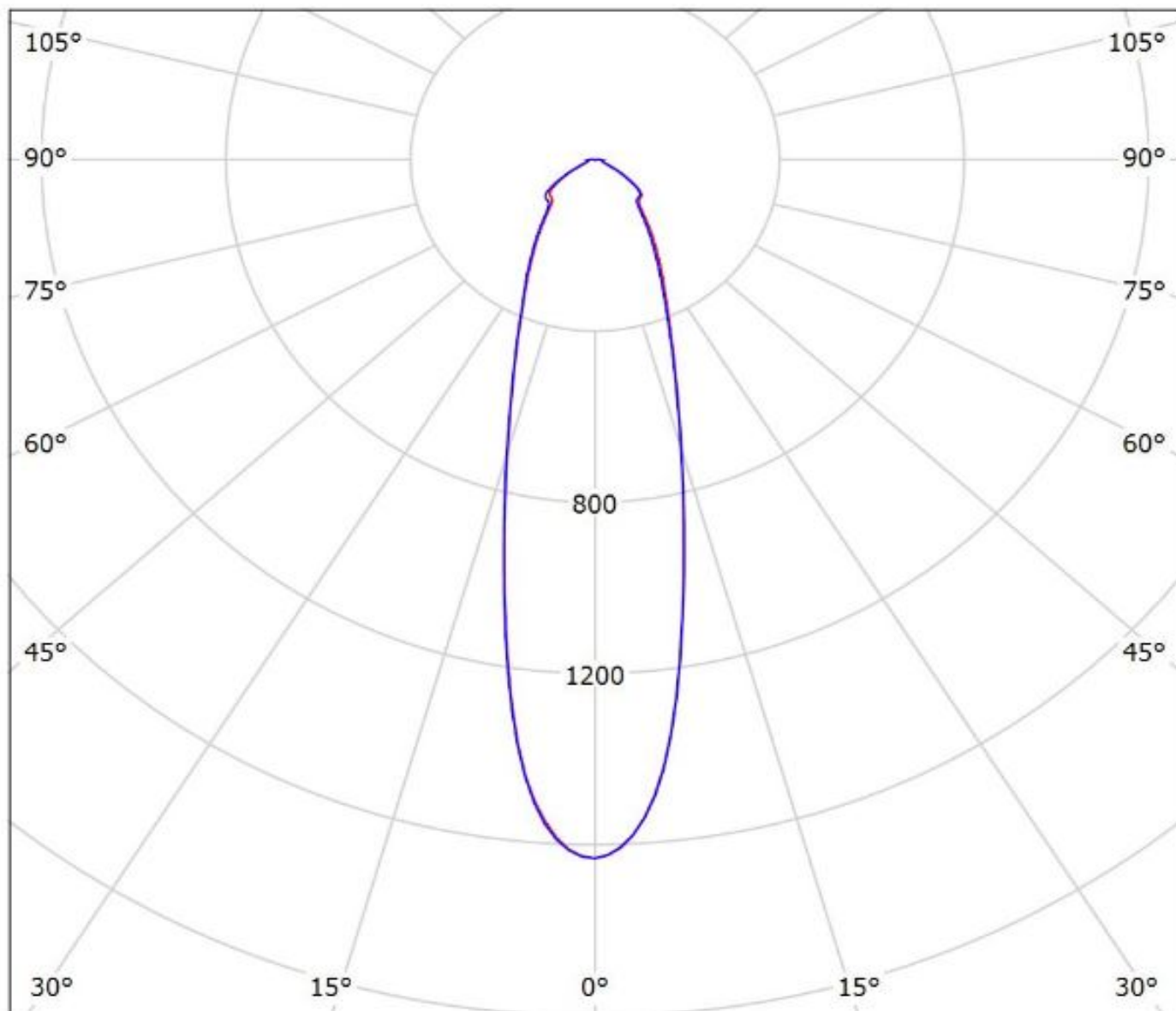
Luminaire: LEDiL Oy C15183_STRADELLA-8-HB-S_(Z8Y22P)

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



Luminaire: Ledil C15183_STRADELLA-8-HB-S-(XT-E)

Lamps: 1 x CREE_XT-E_x8_(XTEAWT-0-2A0-R30-FB0001)_800.055lm@250mA_P=5.98875W_I=0.250A

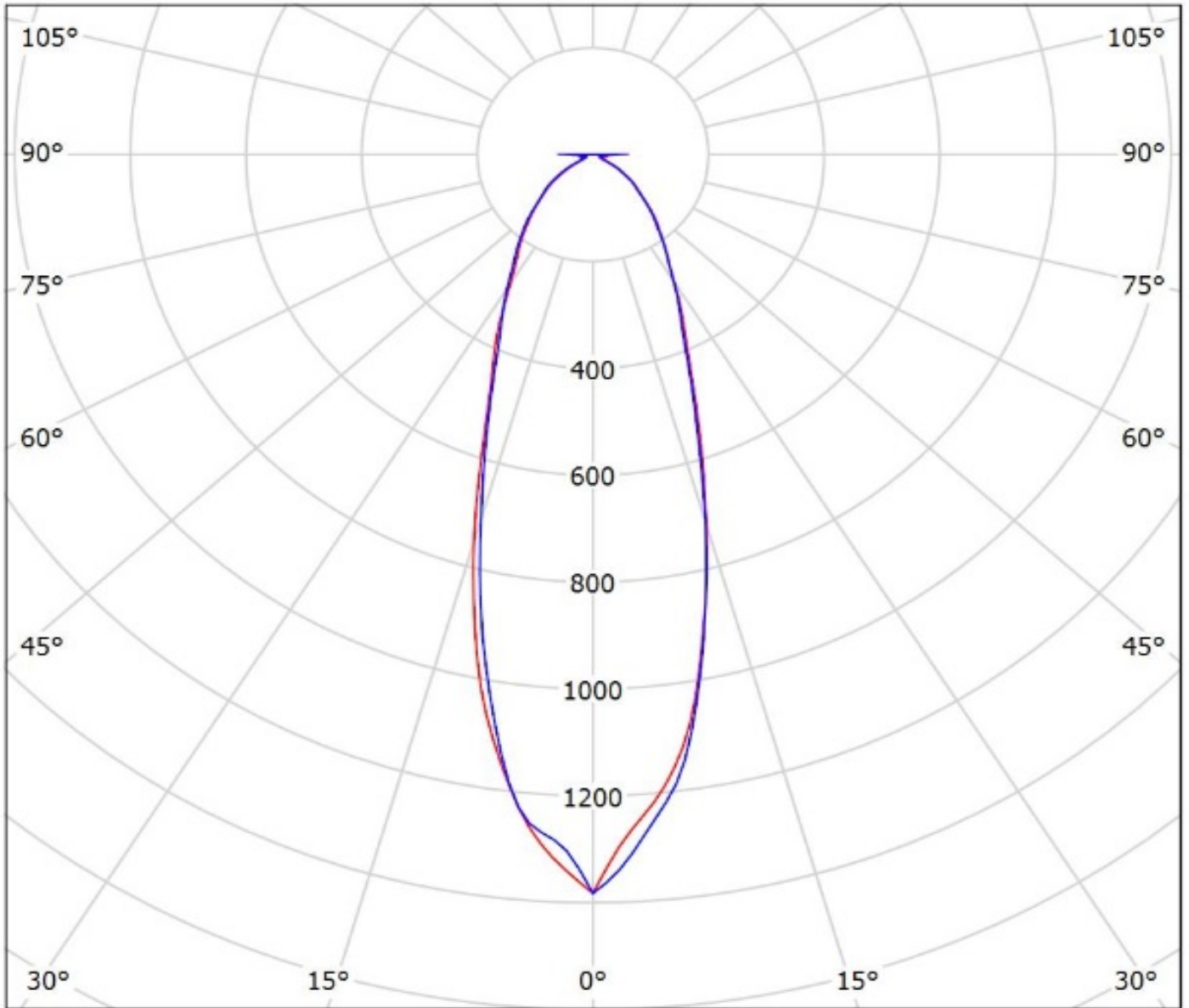


cd/klm

— C0 - C180 — C90 - C270

$\eta = 95\%$

Luminaire: Ledil Oy C15183_STRADELLA-8-HB-S_(XP-G3)_SIMULATED
Lamps: 1 x Cree XP-G3

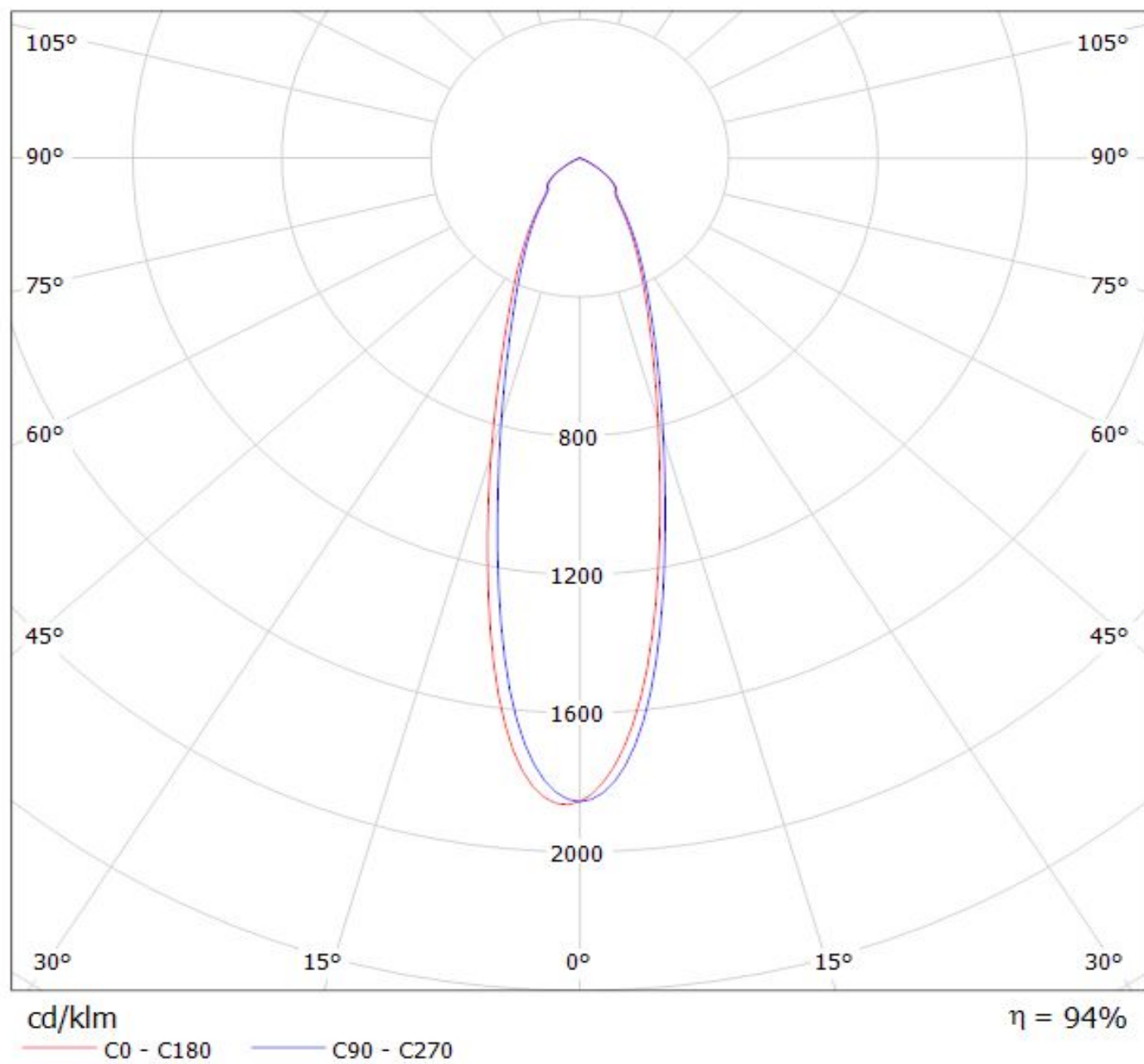


cd/klm

— C0 - C180 — C90 - C270

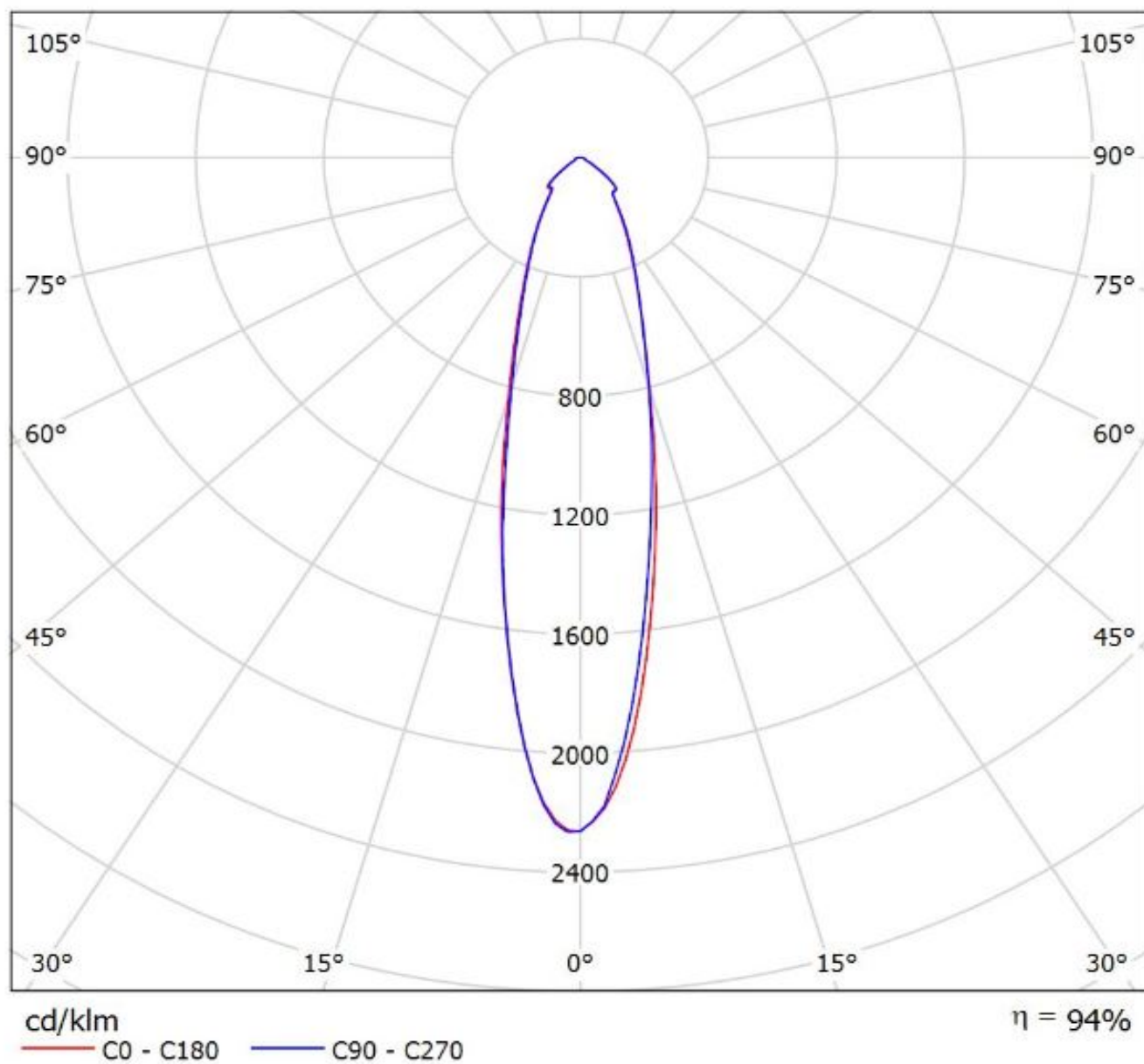
$\eta = 89\%$

Luminaire: Ledil Oy
Lamps: 1 x C15183_STRADELLA-8-HB-S_(Luxeon_TX)

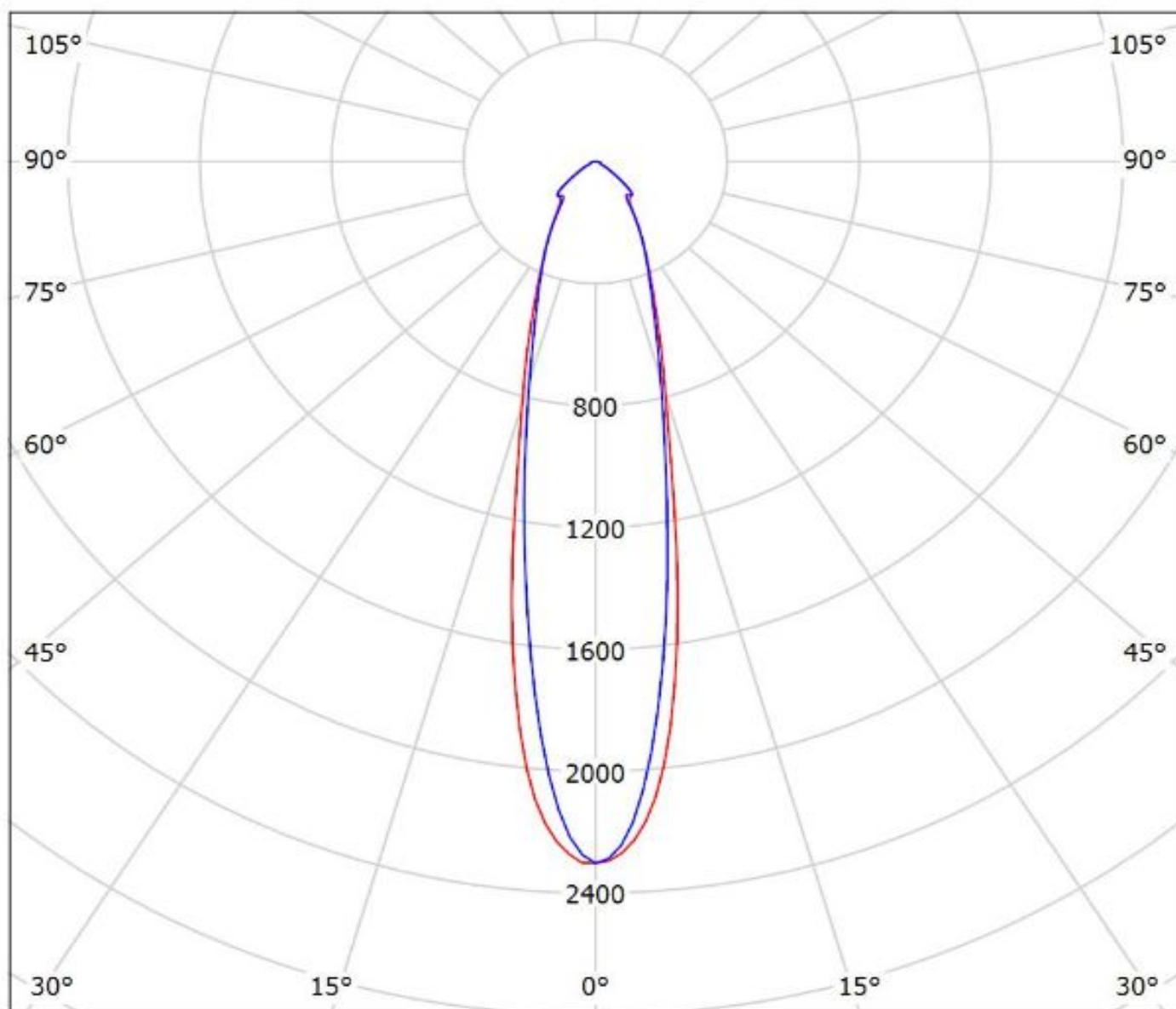


Luminaire: Ledil C15183_STRADELLA-8-HB-S_(Luxeon_3535L)

Lamps: 1 x Luxeon_3535L_(MXA8-PW27-H00Z)_323.149lm@100mA_P=2.2645W_η=0.1



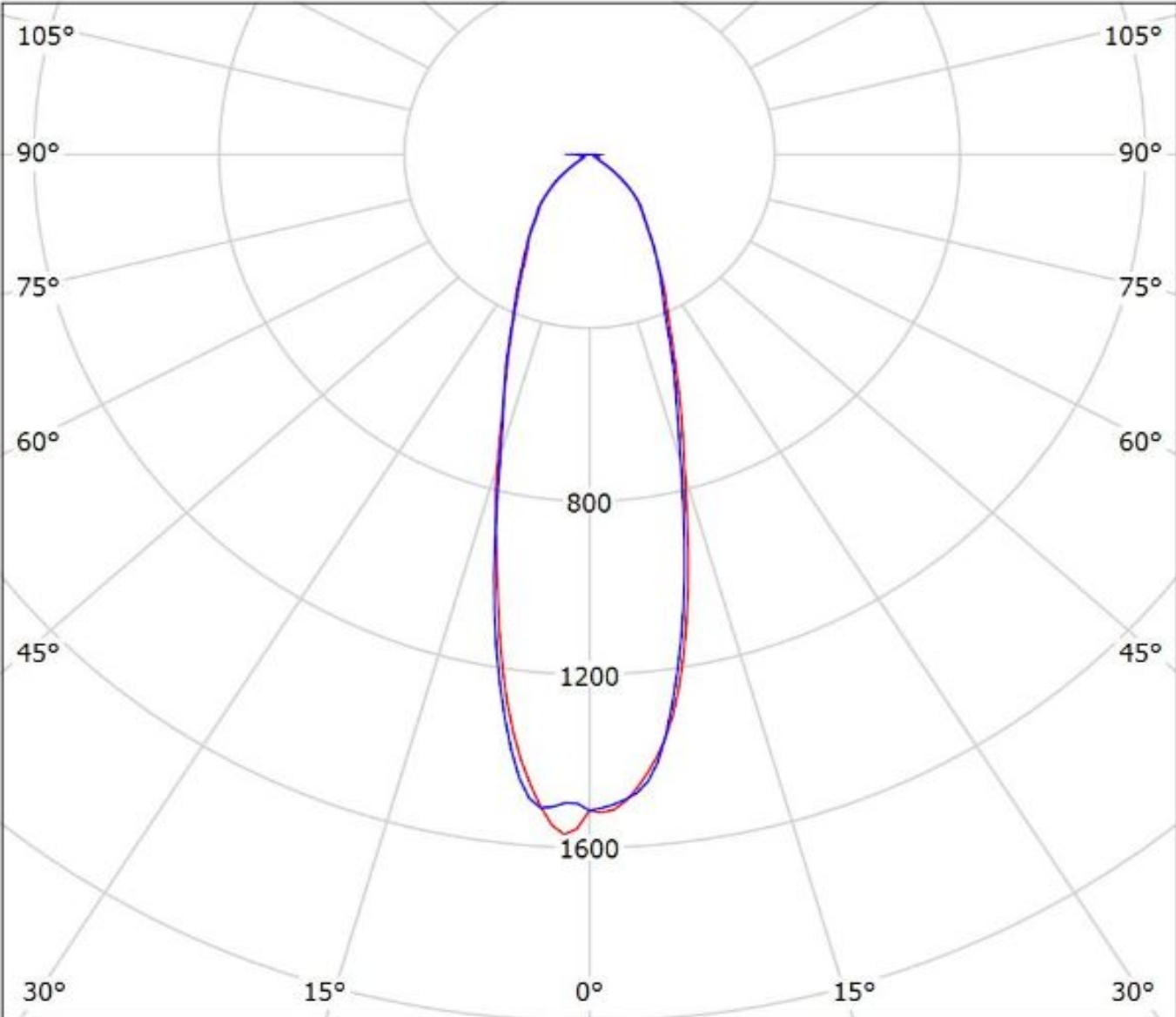
Luminaire: Ledil C15183_STRADELLA-8-HB-S_(Luxeon_3030_2D)
Lamps: 1 x Luxeon_3030_2D_350.537lm@60mA_P=2.7459W_I=0.06A



cd/klm
— C0 - C180 — C90 - C270

$\eta = 95\%$

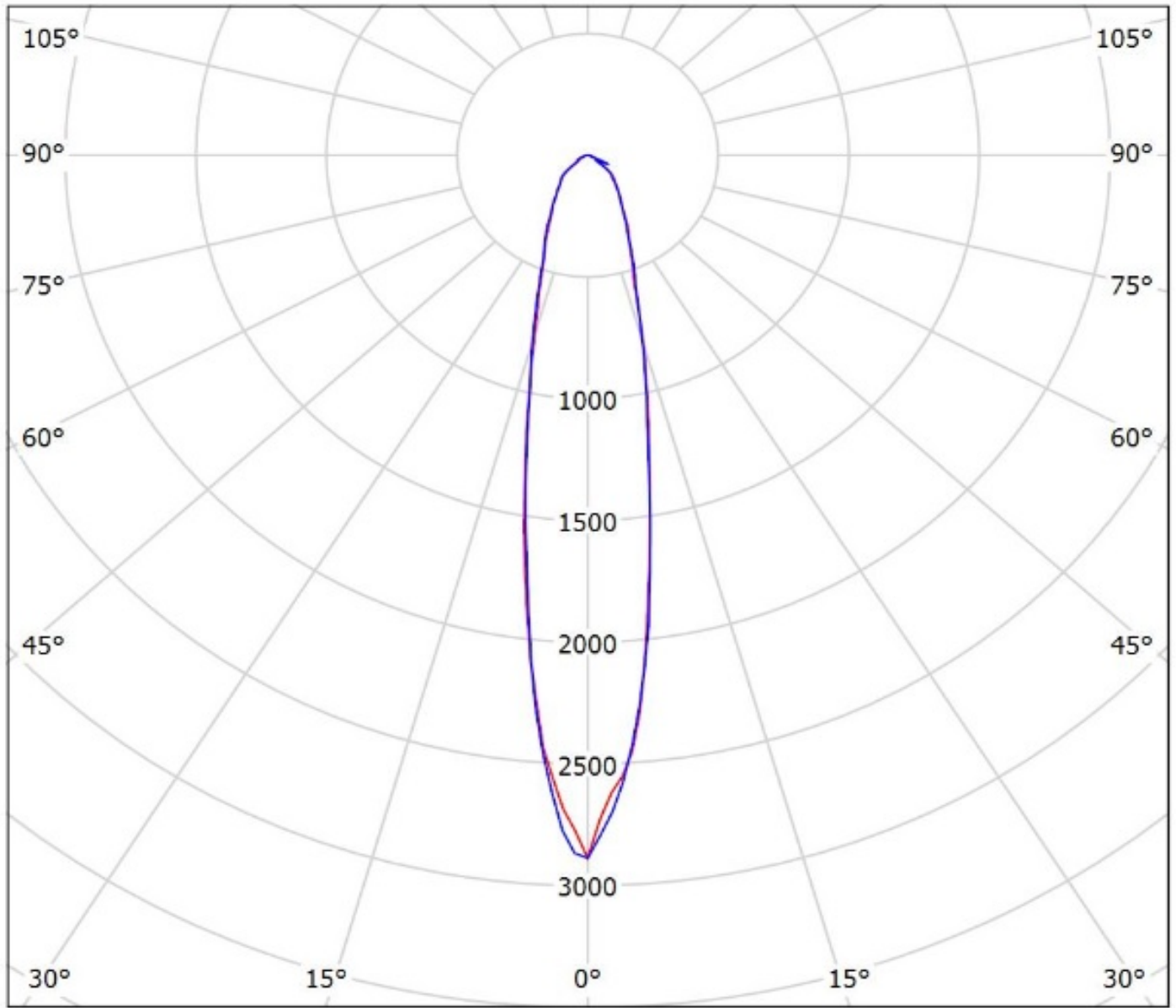
Luminaire: Ledil Oy C15183_STRADELLA-8-HB-S_NICHIA_NVSW219C_SIMULATED
Lamps: 1 x NICHIA NVSW219C



cd/klm
— C0 - C180 — C90 - C270

$\eta = 88\%$

Luminaire: Ledil Oy C15183_STRADELLA-8-HB-S_NCSxE17AT_SIMULATED
Lamps: 1 x NICHIA NCSxE17AT

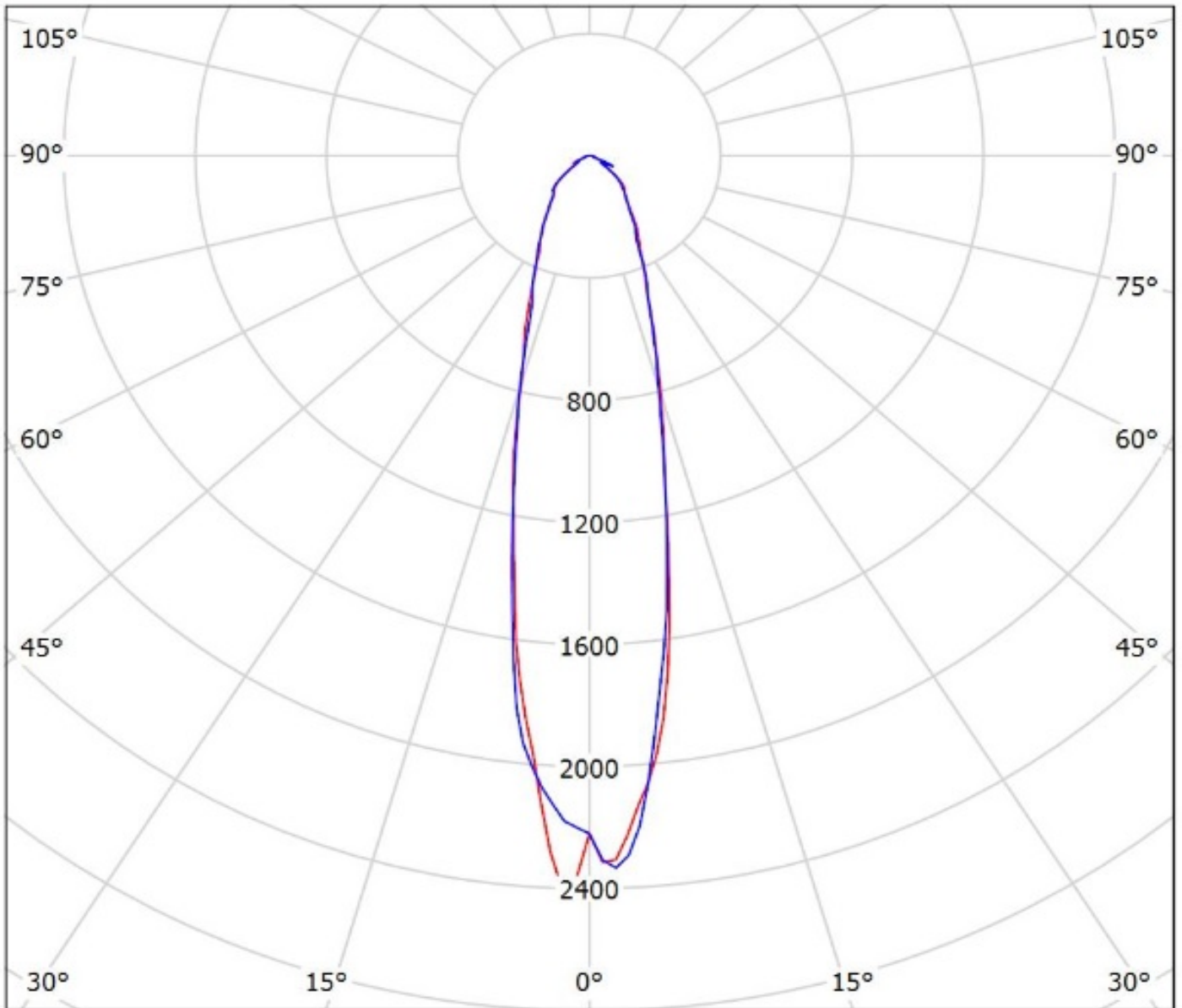


cd/klm

— C0 - C180 — C90 - C270

$\eta = 98\%$

Luminaire: Ledil Oy C15183_STRADELLA-8-HB-S_NVSxE21AT_SIMULATED
Lamps: 1 x NICHIA NVSxE21AT



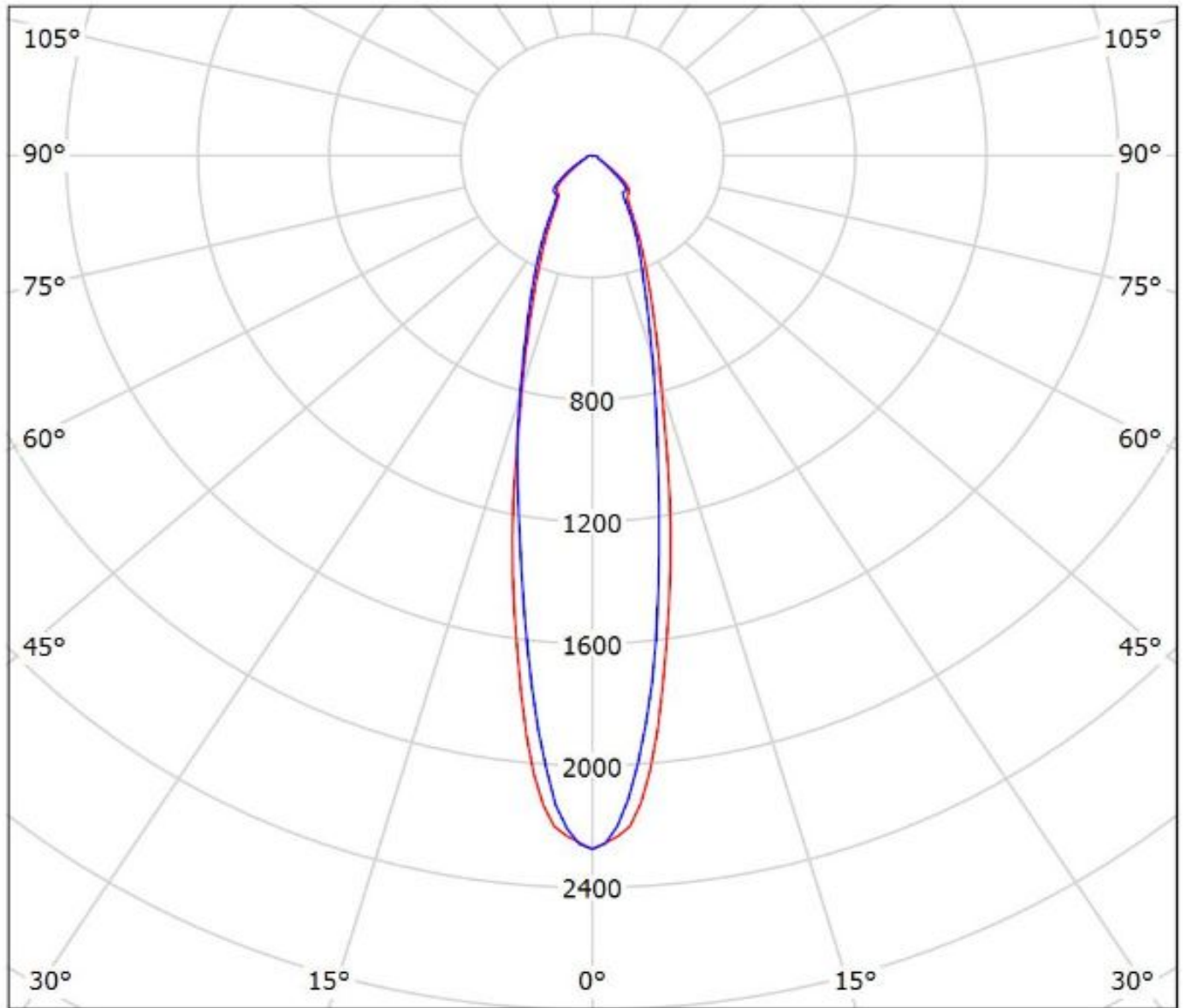
cd/klm

— C0 - C180 — C90 - C270

$\eta = 98\%$

Luminaire: Ledil C15183_STRADELLA-8-HB-S_(Osram_Duris_S5)

Lamps: 1 x Osram_Duris_S5_(GW_PSLR32_EM-JQJS-A535-1)_437.198lm@120mA_P=2.8168W_I=0.12



cd/klm

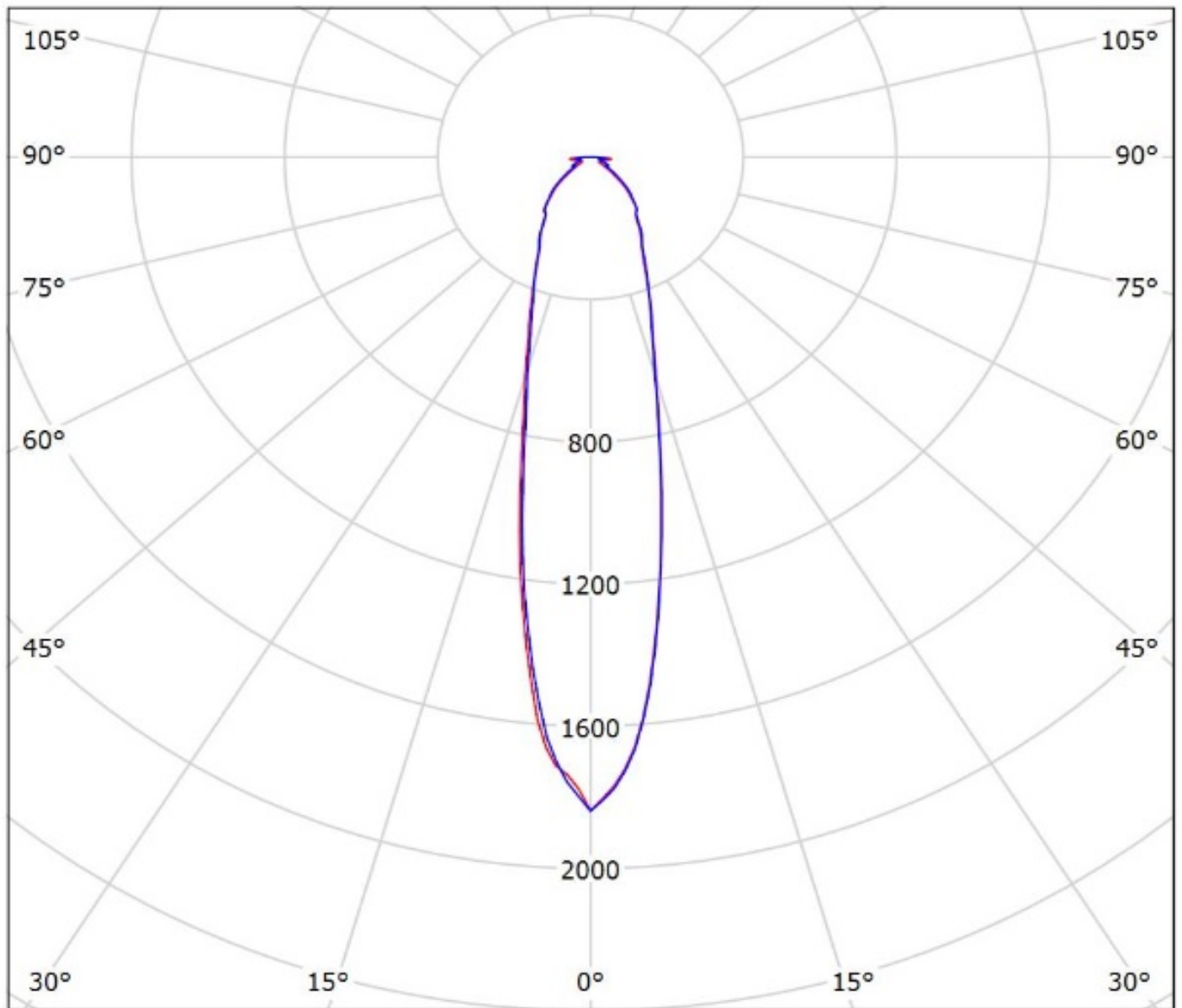
— C0 - C180

— C90 - C270

$\eta = 93\%$

Luminaire: Ledil Oy C15183_STRADELLA-8-HB-S_(Z8Y19)_SIMULATED

Lamps: 1 x Seoul SZ8Y19



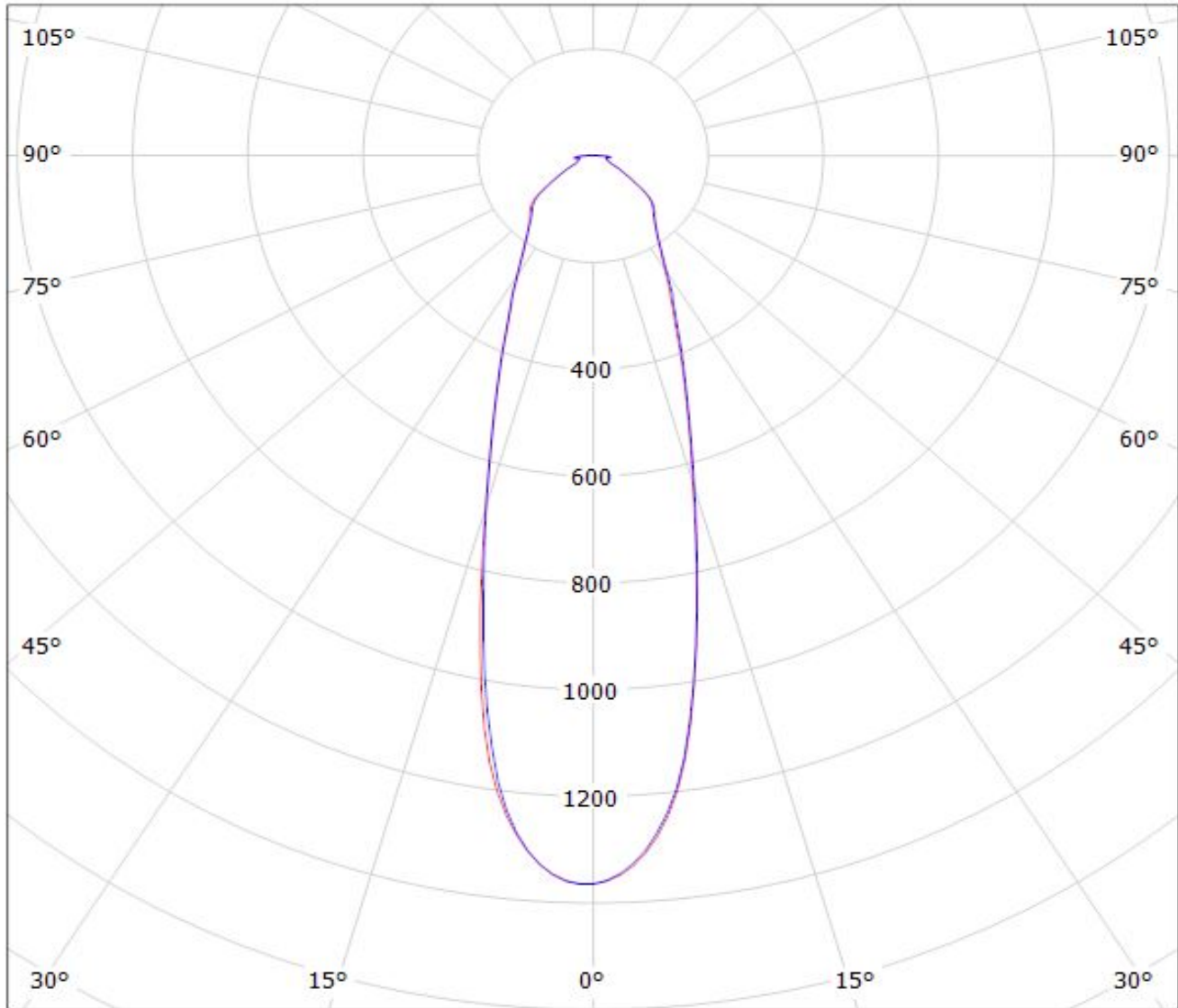
cd/klm

— C0 - C180 — C90 - C270

$\eta = 92\%$

Luminaire: LEDiL Oy C15183_STRADELLA-8-HB-S_(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

η = 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.