

DETAILS

Product Number	CS14144_STRADA-IP-2X6-ME
Family	Strada
Type	Assembly
Color	clear
Diameter	71,4x173 mm
Height	8,42 mm
Style	rectang
Optic Material	PMMA
Holder Material	
Fastening	
Status	production ready
ROHS Compliant	Yes
Date Updated	17/11/2017



OPTICAL PROPERTIES

LED	Viewing	Light	Efficiency	cd/lm	Connector
	Angle	Beam			
SMD 5050	Asymmetric deg	Asymmetric	94 %	0.560	-
XT-E	Asymmetric deg	Asymmetric	93 %	0.823	-
XP-L	Asymmetric deg	Asymmetric	94 %	0.620	-
XHP35 HD	sim: Asymmetric	Asymmetric	sim: 88 %	sim: 0.530	-
XHP35 HI	sim: Asymmetric	Asymmetric	sim: 90 %	sim: 0.540	-
XP-G2	Asymmetric deg	Asymmetric	94 %	0.820	-
XP-G3	sim: Asymmetric	Asymmetric	sim: 88 %	sim: 0.550	-
XP-L2	Asymmetric deg	Asymmetric	94 %	0.580	-
H35C1 (LEMWA33)	Asymmetric deg	Asymmetric	94 %	0.670	-
LUXEON T	Asymmetric deg	Asymmetric	96 %	-	-
LUXEON XR-TX (L2T0-xyy012M)	Asymmetric deg	Asymmetric	94 %	0.850	-
LUXEON V	Asymmetric deg	Asymmetric	93 %	0.620	-
NVSxx19B/NVSxx19C	Asymmetric deg	Asymmetric	96 %	0.800	-
NVSW3x9A	sim: Asymmetric	Asymmetric	sim: 87 %	sim: 0.580	-
Duris S8	sim: Asymmetric	Asymmetric	sim: 90 %	sim: 0.580	-
OSCONIQ P 3737 (2W version)	sim: Asymmetric	Asymmetric	sim: 90 %	sim: 0.640	-
OSCONIQ P 3737 (3W version)	sim: Asymmetric	Asymmetric	sim: 93 %	sim: 0.580	-
Oslon Square Gen3	Asymmetric deg	Asymmetric	94 %	0.850	-
Fortimo FastFlex LED board 2x6 DP G4	Asymmetric deg	Asymmetric	94 %	0.820	-
Fortimo FastFlex LED board 2x6 DPX G4	sim: Asymmetric	Asymmetric	sim: 88 %	sim: 0.550	-
LH351D	sim: Asymmetric	Asymmetric	sim: 93 %	sim: 0.500	-
LH351B	sim: Asymmetric	Asymmetric	sim: 94 %	sim: 0.610	-
Acrich MJT 4040	sim: Asymmetric	Asymmetric	-	-	-
Z5M1/Z5M2	sim: Asymmetric	Asymmetric	sim: 90 %	sim: 0.840	-
Z8Y22P	Asymmetric deg	Asymmetric	94 %	0.730	-



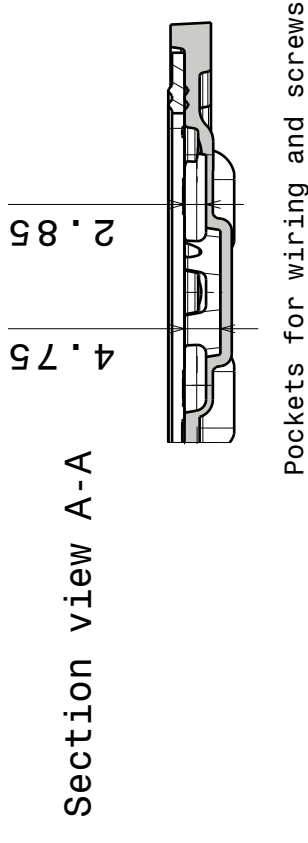
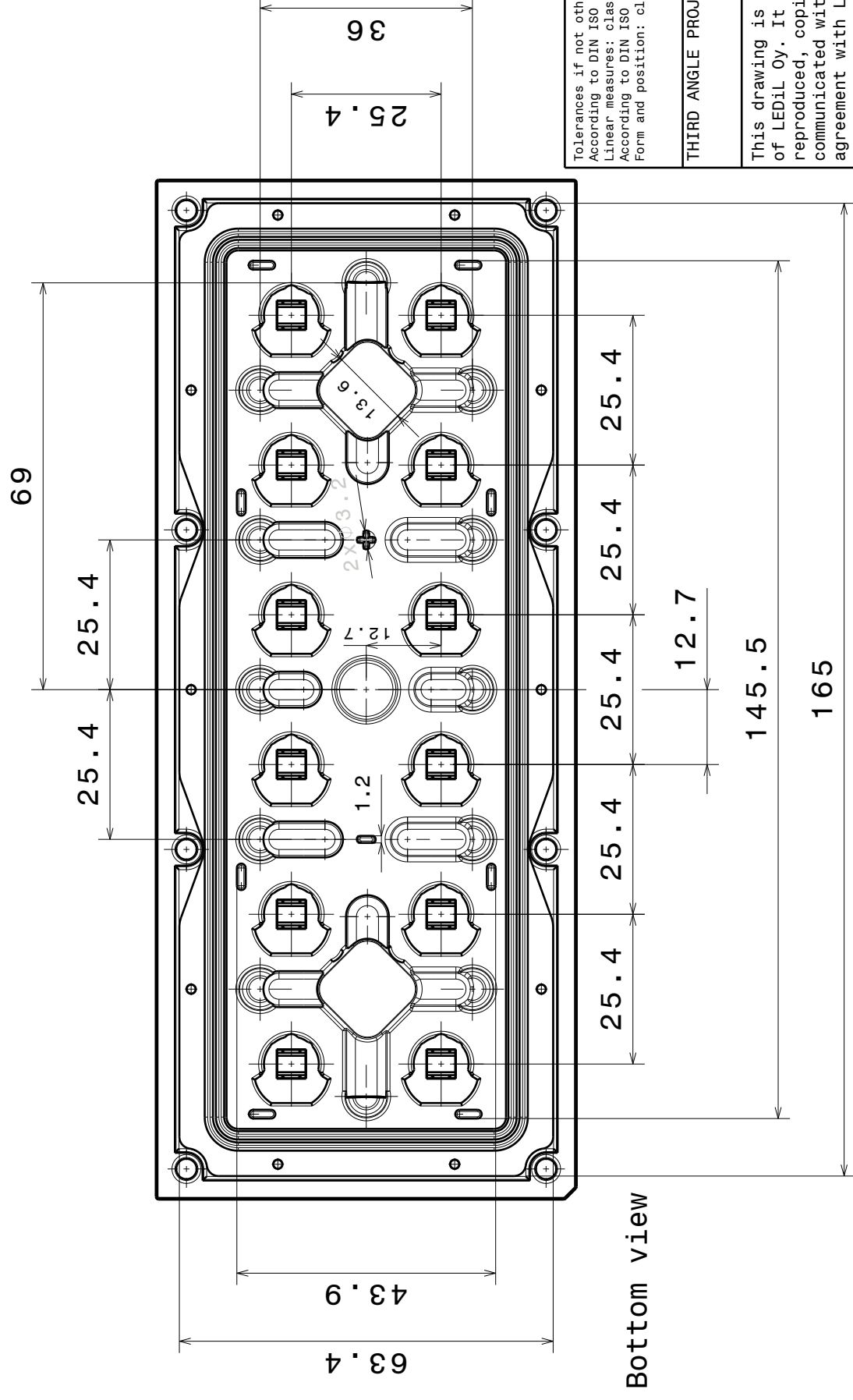
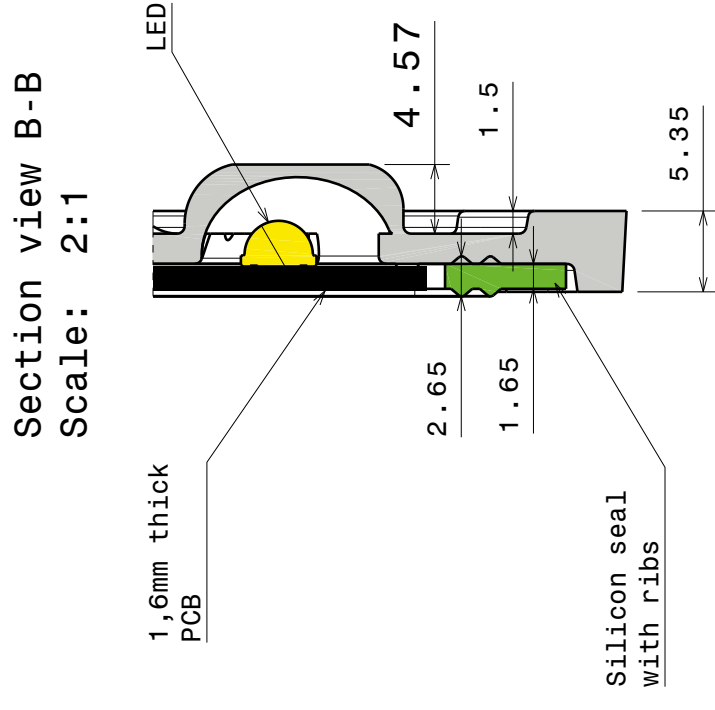
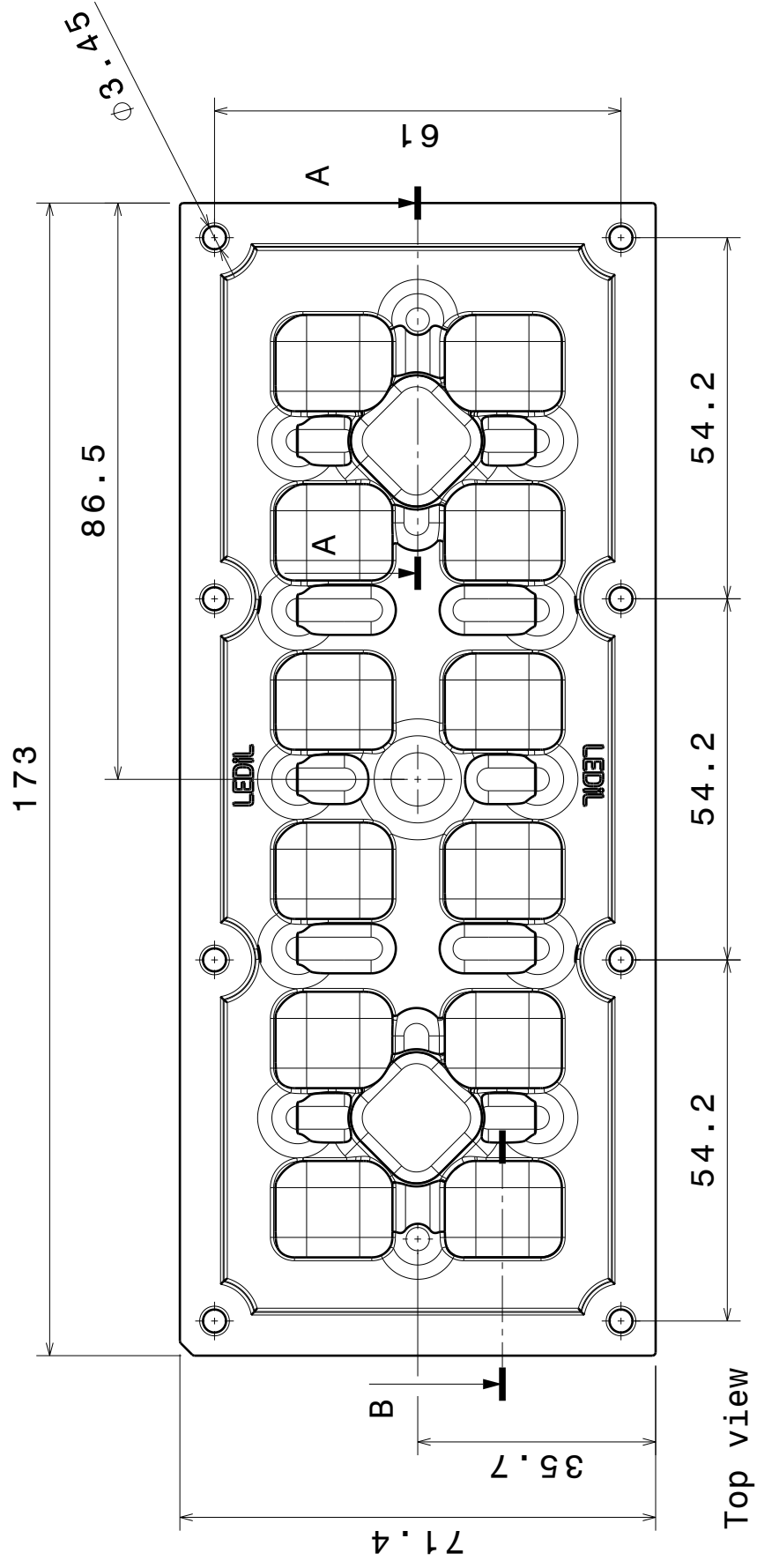
PRODUCT DATASHEET

Strada series

last update 17/11/2017

OPTICAL PROPERTIES

LED	Viewing Angle	Light Beam	Efficiency	cd/lm	Connector
SMJQ-D36W12Px	Asymmetric deg	Asymmetric	94 %	0.730	-
SMJQ-D36W12Mx	Asymmetric deg	Asymmetric	94 %	0.790	-
Z8Y22	Asymmetric deg	Asymmetric	94 %	0.790	-
TL1L3	sim: Asymmetric	Asymmetric	sim: 95 %	-	-
TL1L2	sim: Asymmetric	Asymmetric	sim: 88 %	-	-
TL1L4	Asymmetric deg	Asymmetric	92 %	0.750	-



INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	C14018	2X6-SEAL25	Silicone	white
2	C13355	STRADA-IP-2X6-ME	PMMA	clear

Tolerances if not otherwise shown
According to DIN ISO 2768-1
Linear measures: class C
According to DIN ISO 2768-2
Form and position: class L

LEDiL Oy
Salorank
FIN 2424
Finland

Ledil Oy
Salorankatu 10
FIN 24240 SALO
Finland

THIRD ANGLE PROJECTION:

	DRAWING TITLE

CS14144 STRADA-IP-2X6-ME

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SIZE	PART NUMBER
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CS14144

SCALE	1:1	WEIGHT
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53, 58 g

SHEET 1/2

II

1

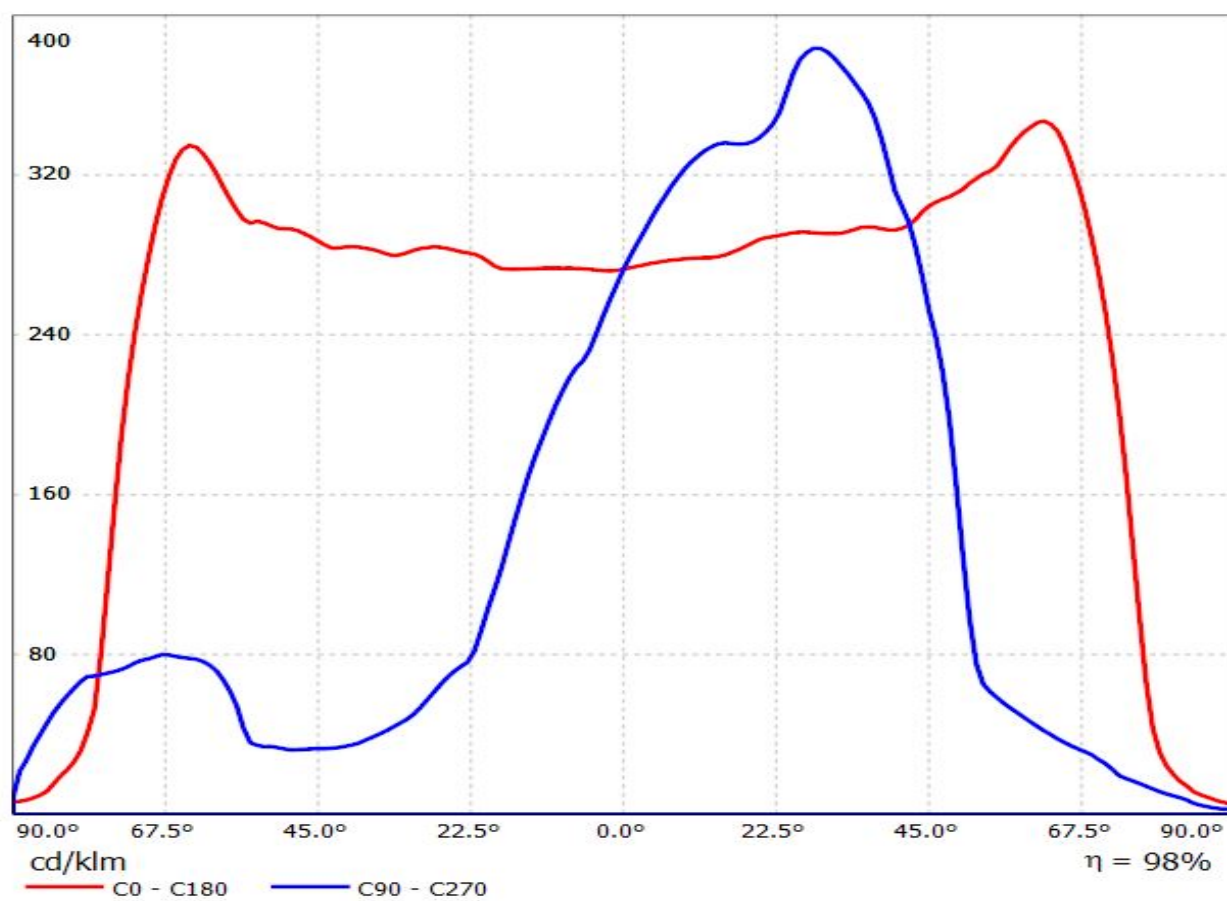
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4

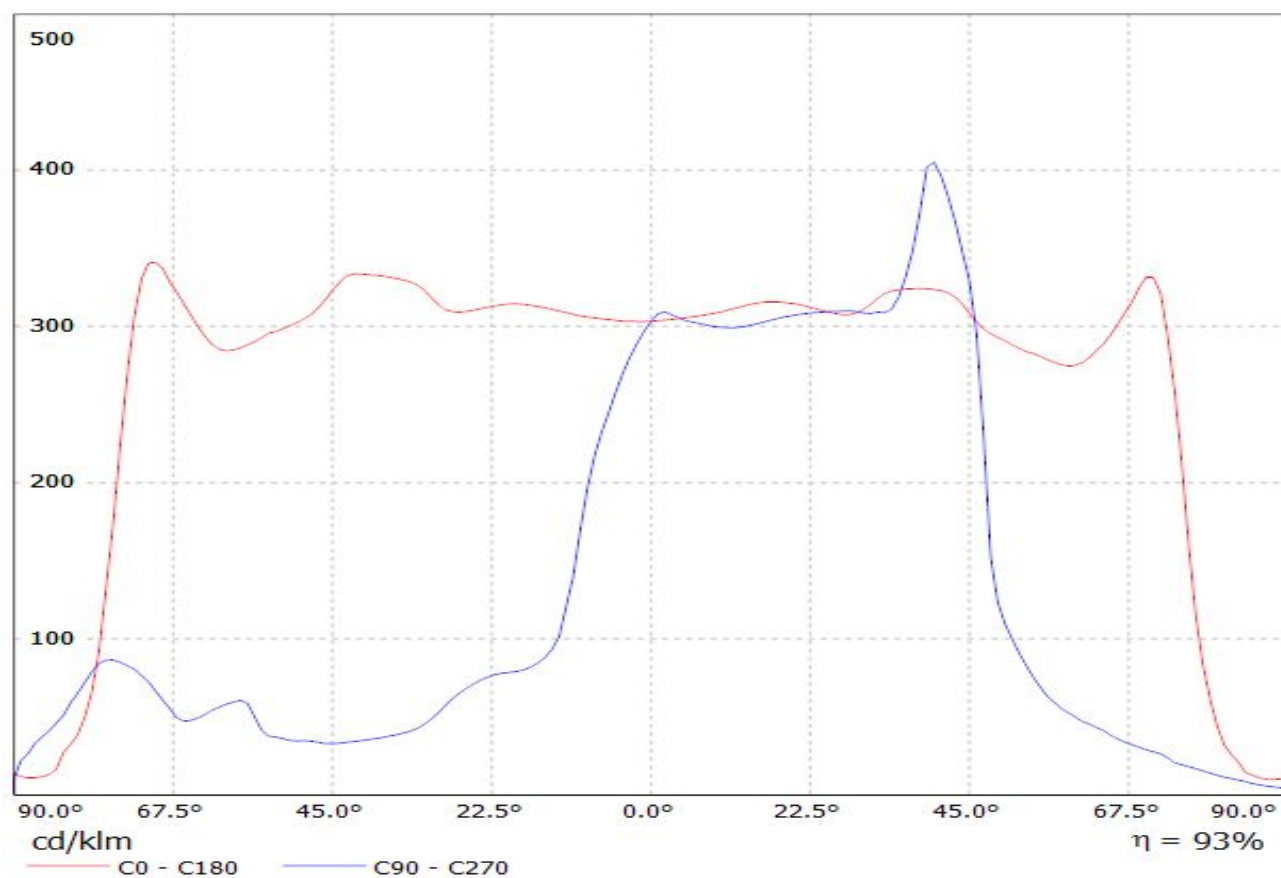
A

Luminaire: LEDiL Oy CS14144_STRADA-IP-2X6-ME_(Bridgelux_5050_Gen2)

Lamps: 1 x Bridgelux_5050_Gen2_2x6_(BXEP-57C-435-09B)_4268.87lm@250mA_CCT=5700K_P=24.6757W_I=0.25A

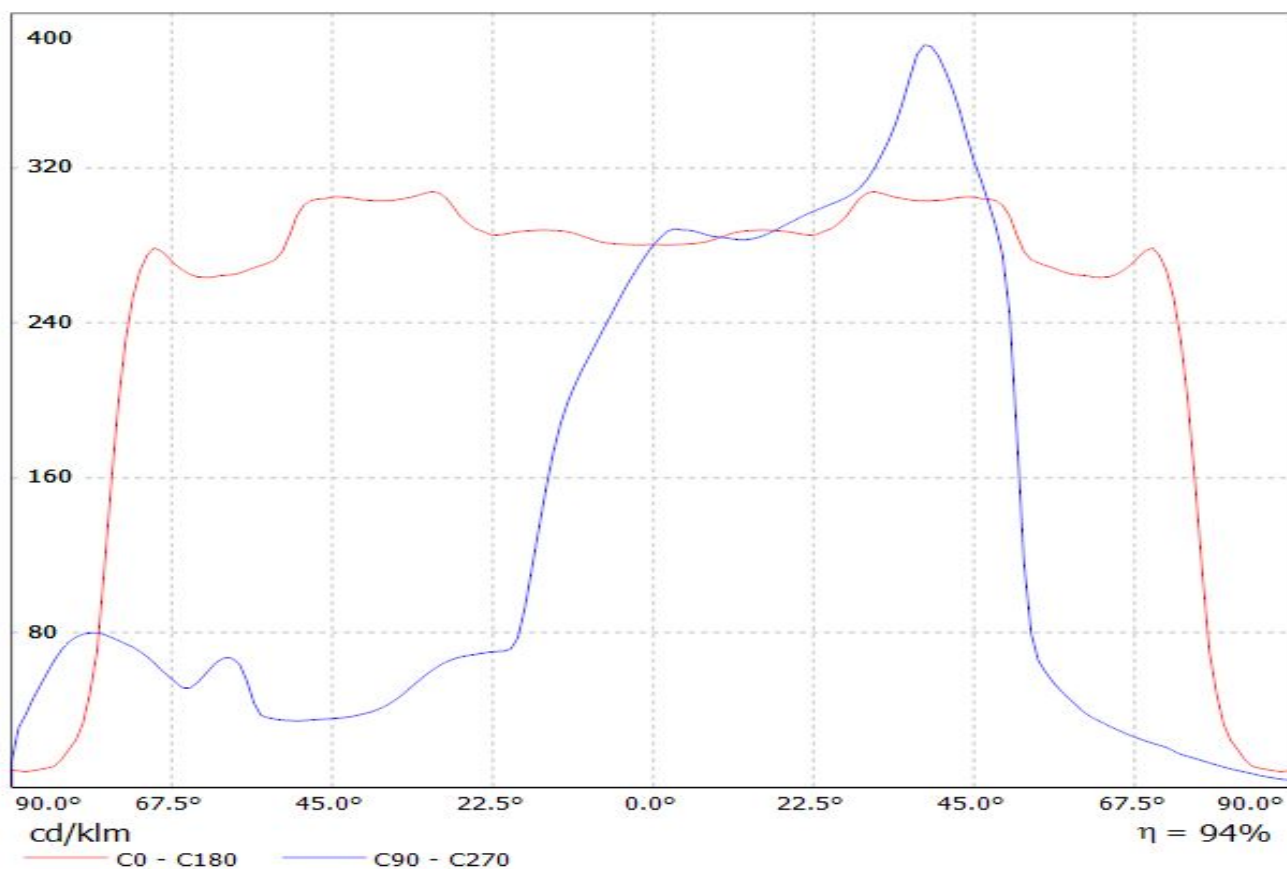


Luminaire: LEDiL Oy CS14144_STRADA-IP-2X6-ME_(XT-E)_02 Eff.92.8%
Lamps: 1 x CREE_XT-E_6x2_(XTEAWT-00-0000-000000HE4)_1253.02lm@250mA_P=8.85391W_I=249.8mA

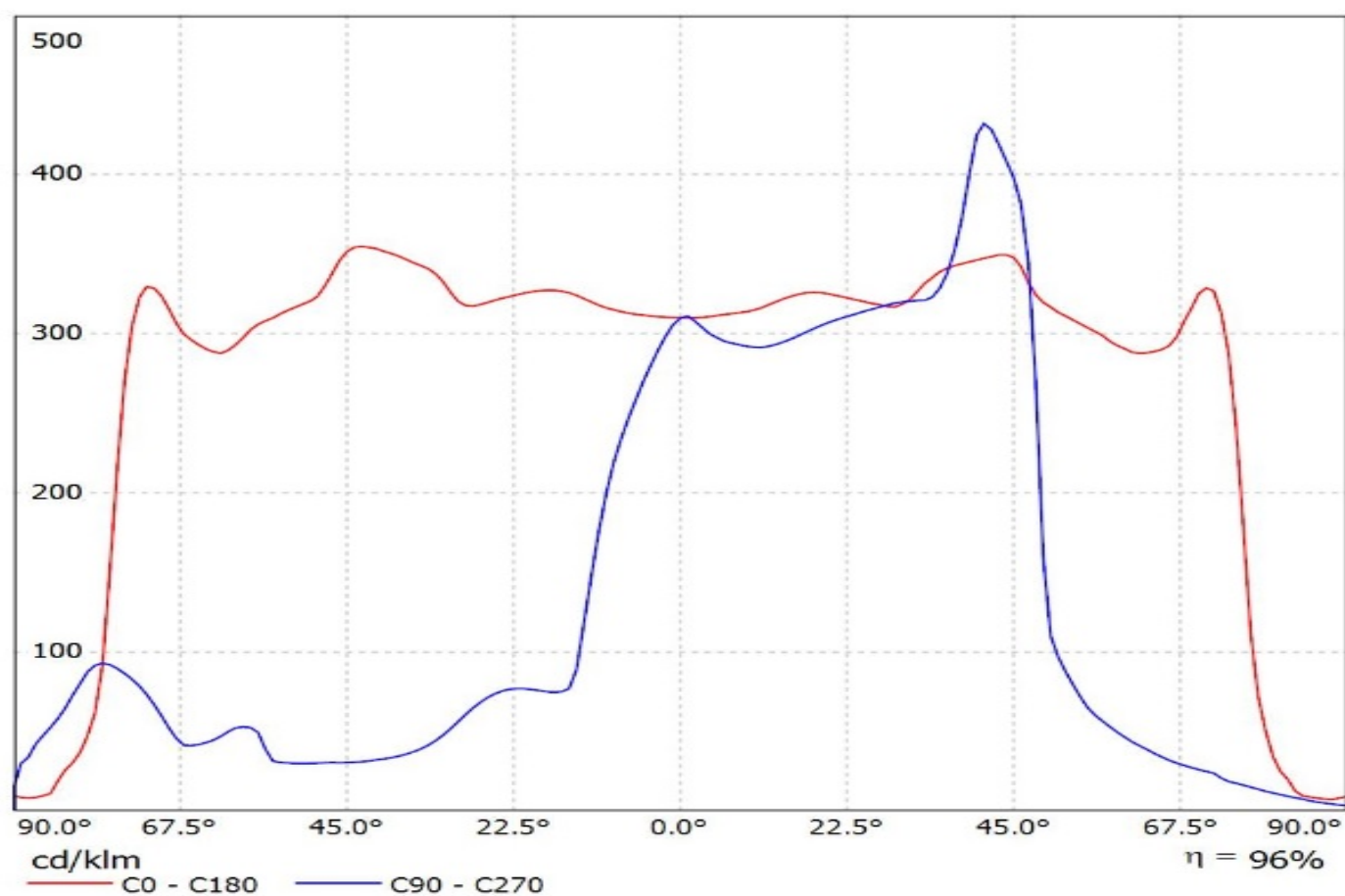


Luminaire: LEDiL Oy CS14144_STRADA-IP-2X6-ME_(XP-L)

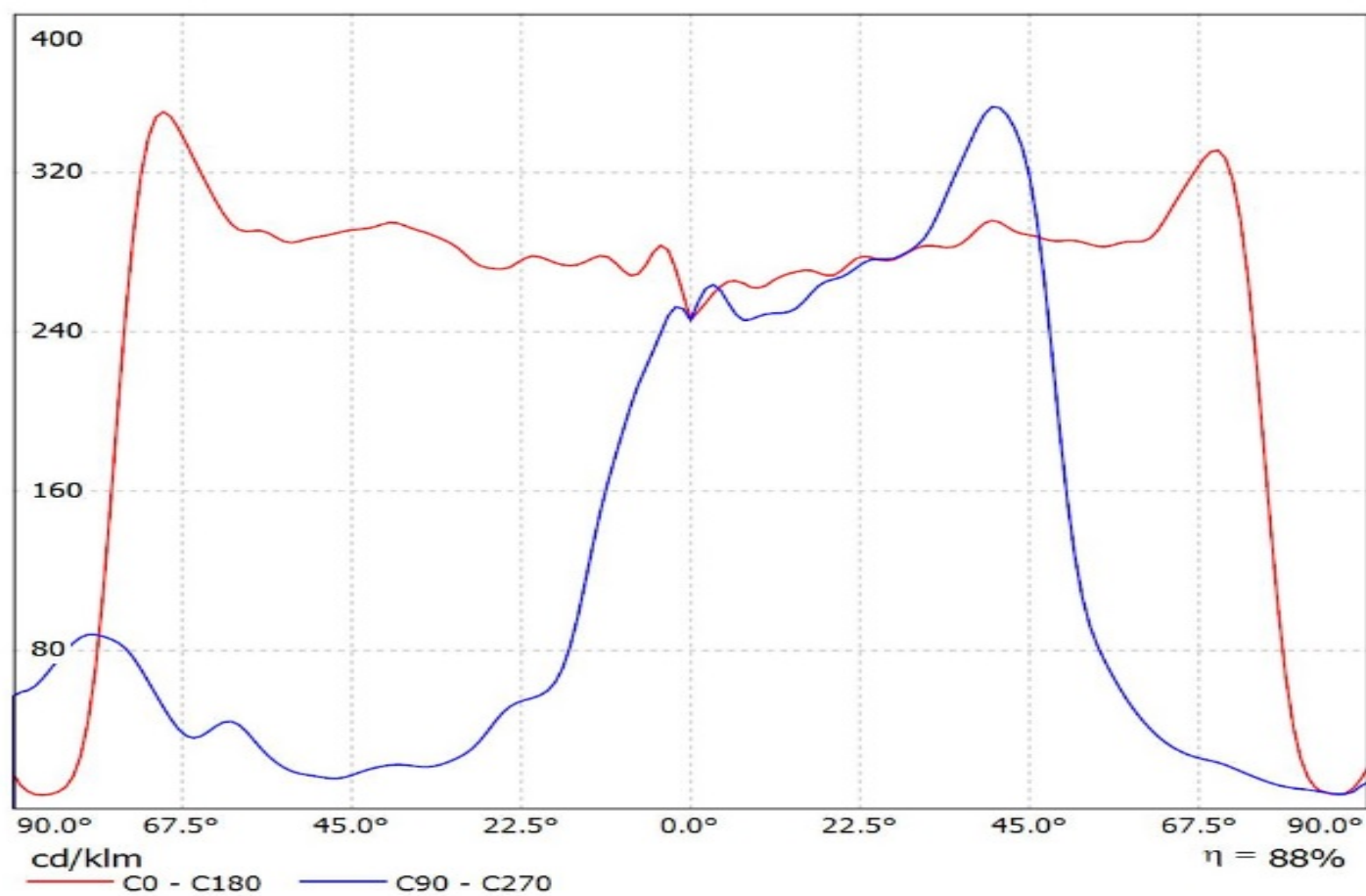
Lamps: 1 x CREE_XP-L_2x6_(XPLAWT-0-7A3-U50-0H-0001)_1253.88lm@250mA_P=8.22317W_I=249.8mA



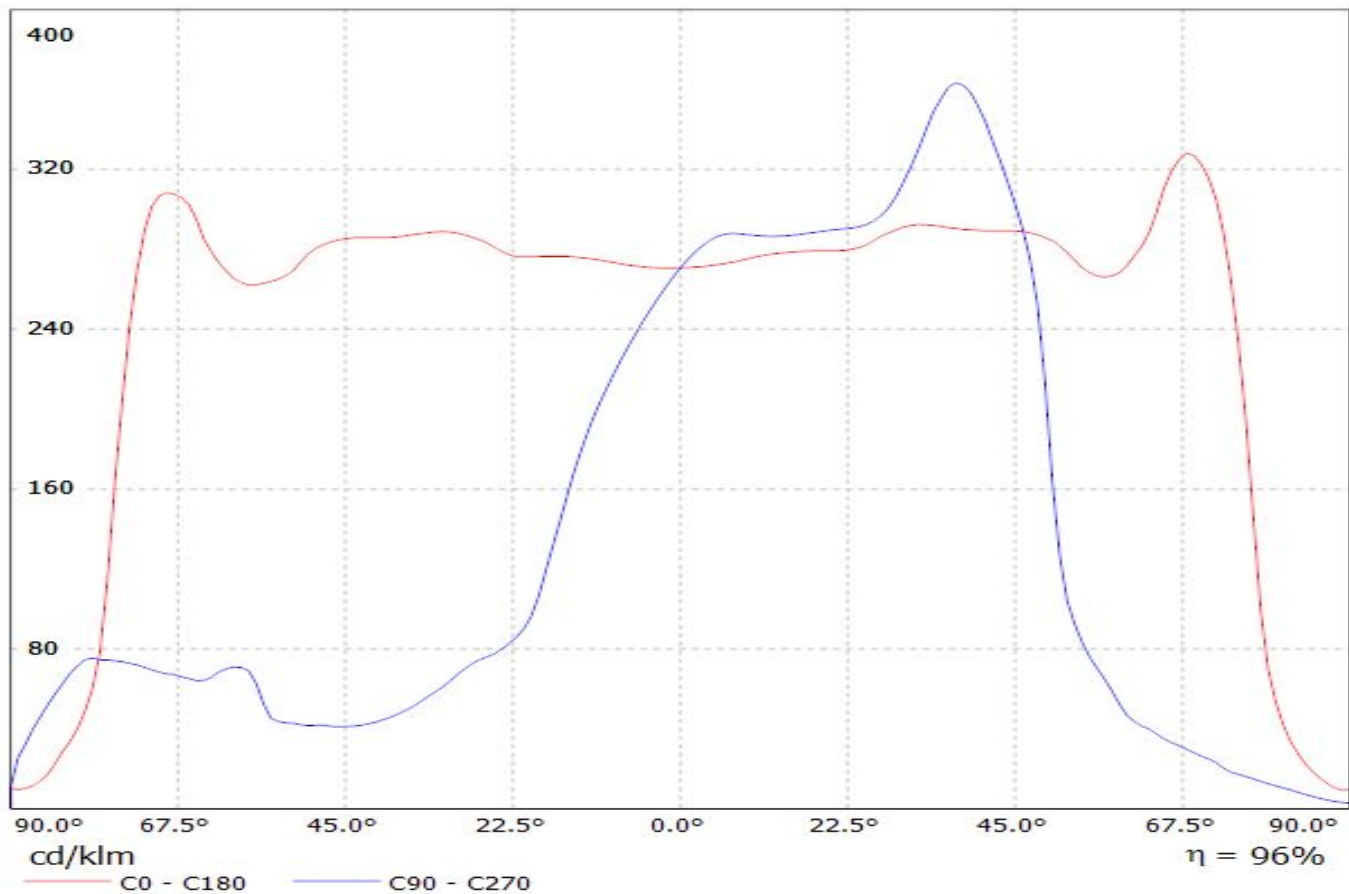
Luminaire: LEDiL Oy CS14144_STRADA-IP-2X6-ME_(XP-G2)
Lamps: 1 x XP-G2_2x6_1246.35lm@250mA_U=8.54391W_I=249.8mA



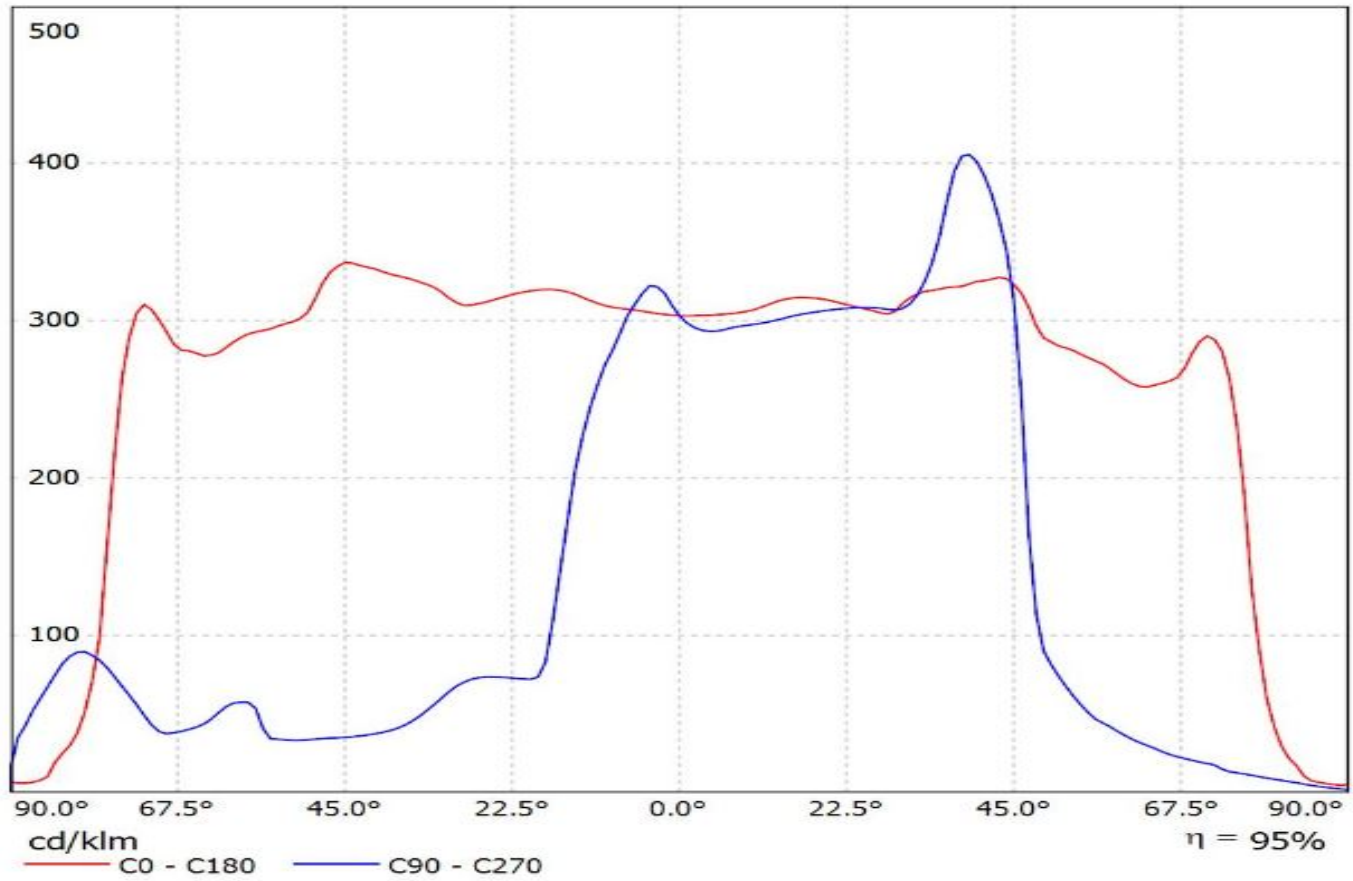
Luminaire: Ledil Oy CS14144_STRADA-IP-2X6-ME_(XP-G3)_SIMULATED
Lamps: 1 x Cree XP-G3



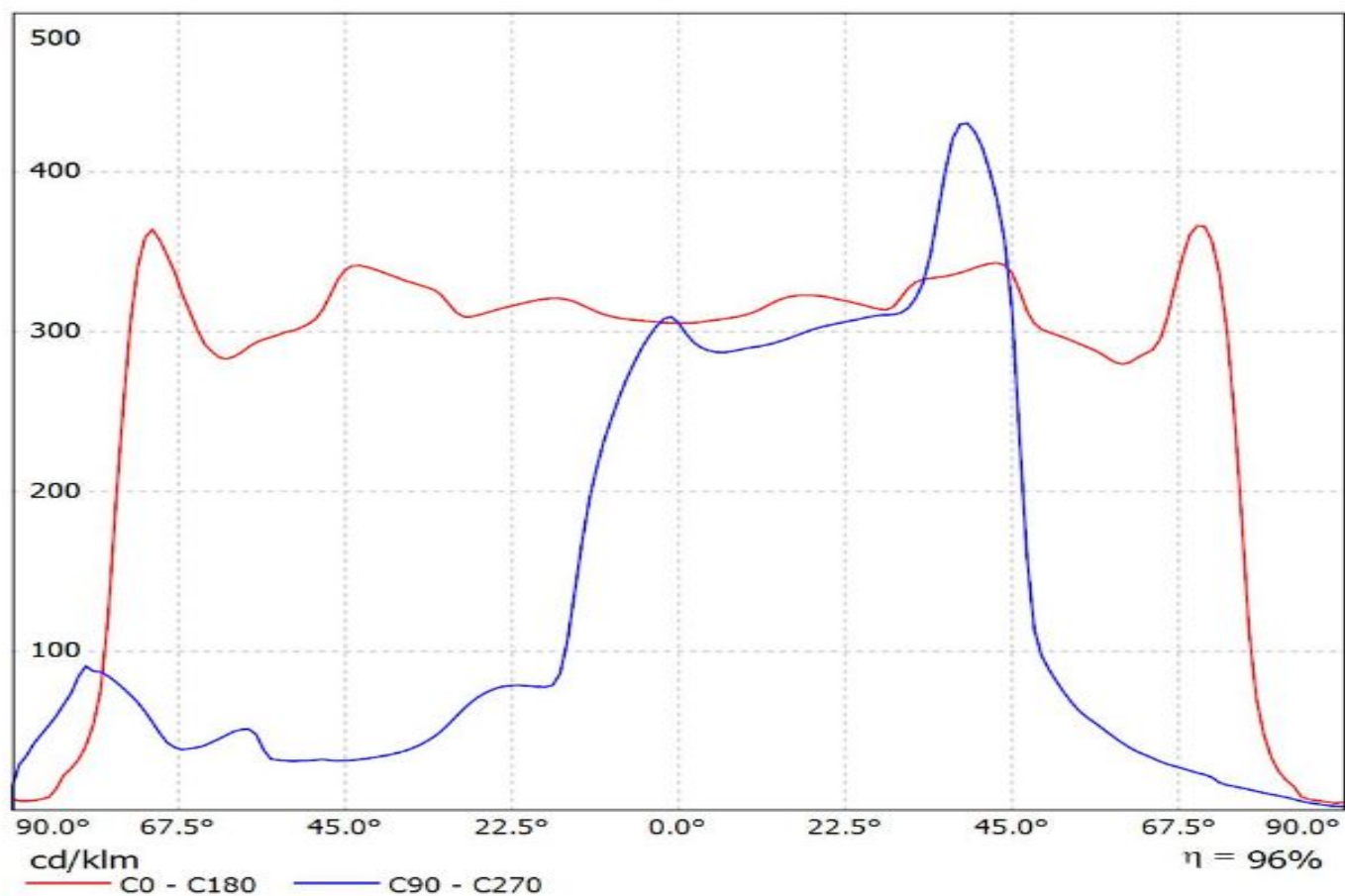
Luminaire: Ledil CS14144_STRADA-IP-2X6-ME_(XP-L2)
Lamps: 1 x Cree_XP-L2x12_(XPGBWT-H1-3B0-R5-0-01)
1666.32lm@250mA_CCT=5000_P=8.239W_I=0.25A



Luminaire: Ledil CS14144_STRADA-IP-2X6-ME_(H35C1)
Lamps: 1 x LG_H35C1_2x6_1389.53lm@250mA_CCT=5700_P=8.59425W_I=0.250A

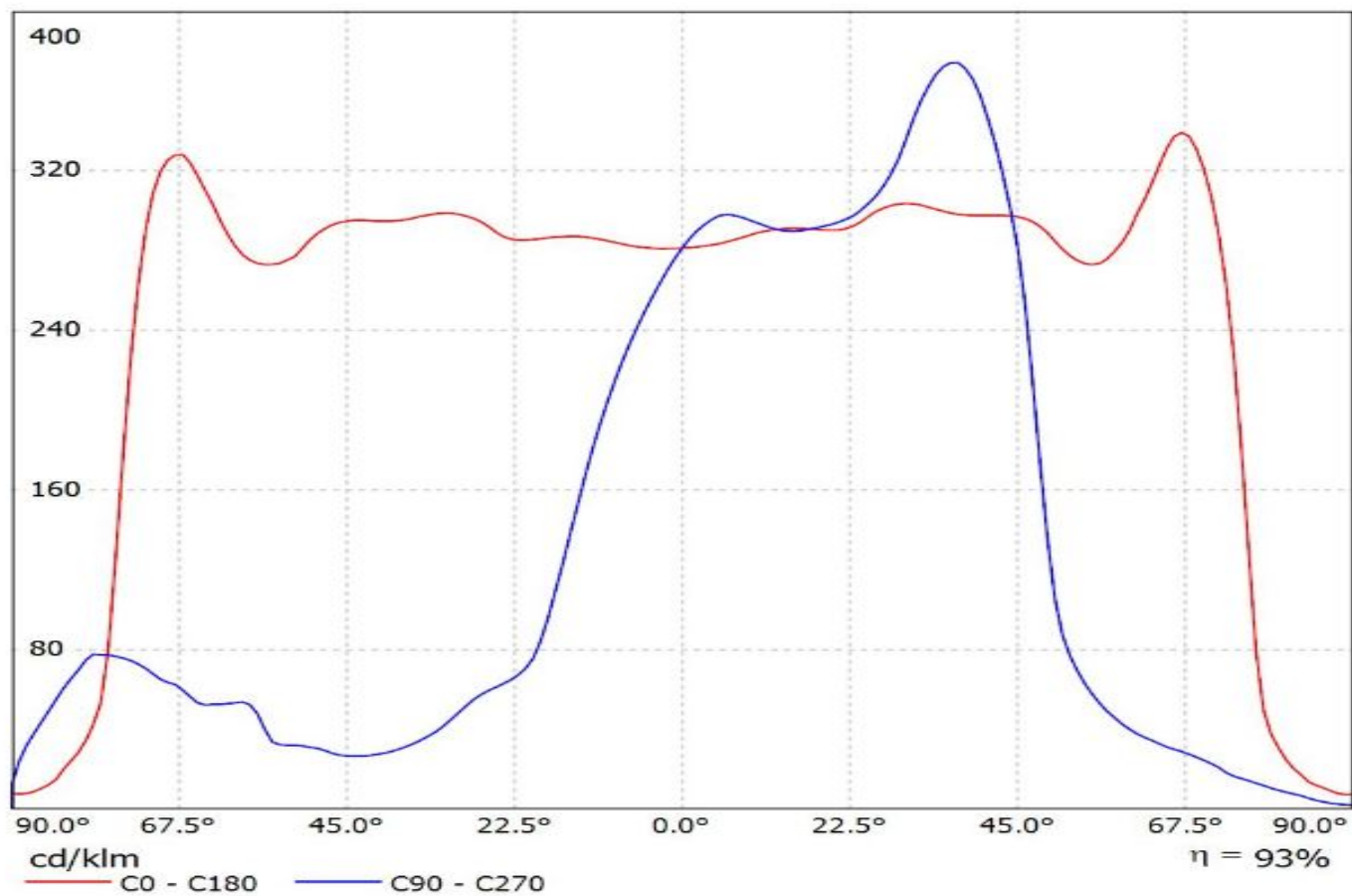


Luminaire: Ledil CS14144_STRADA-IP-2X6-ME_(XR-TX)
Lamps: 1 x Luxeon_XR-TX_1377.67lm@250mA_P=8.3973W_I=0.250A



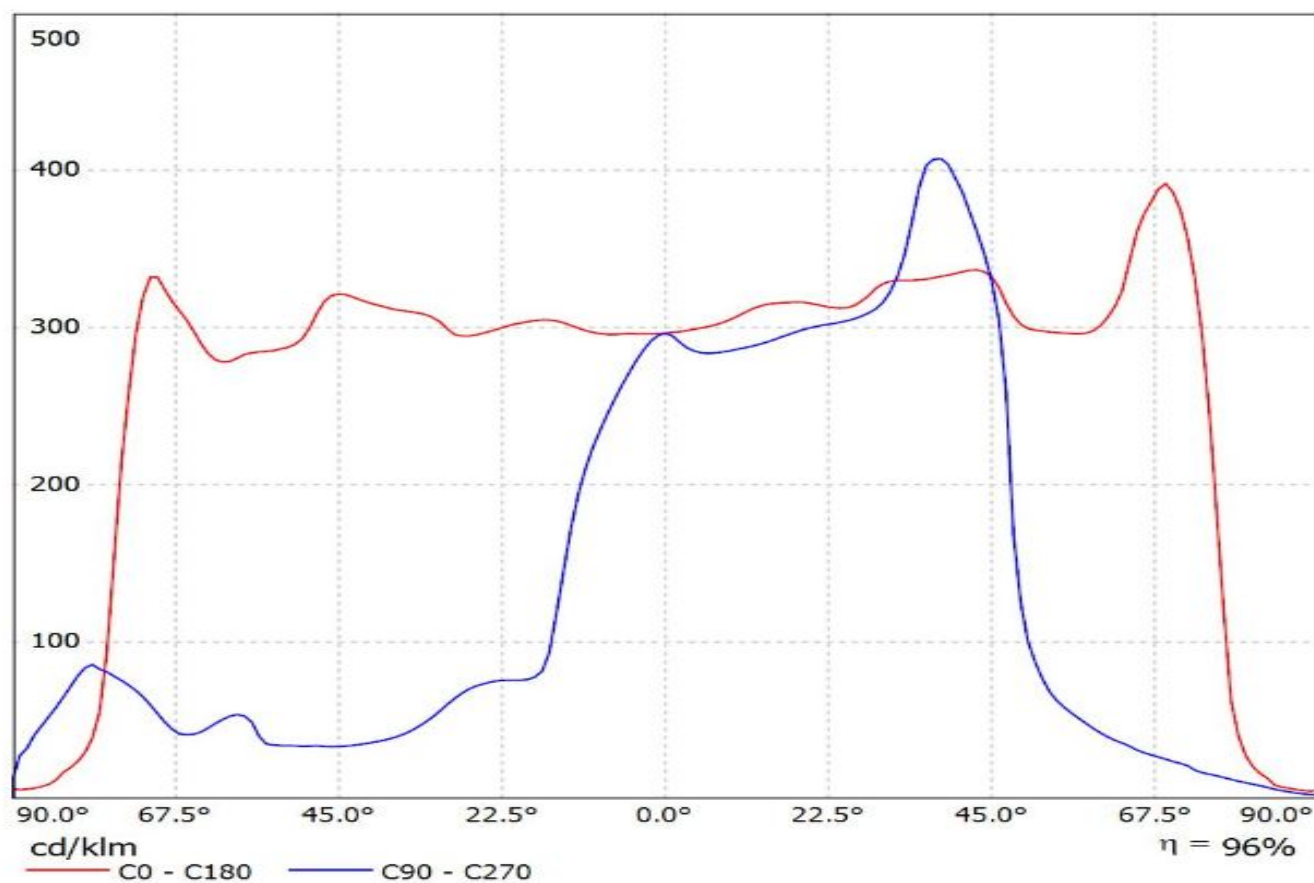
Luminaire: Ledil CS14144_STRADA-IP-2X6-ME_(Luxeon_V)

Lamps: 1 x Lumileds_Luxeon_V_1451.92lm@250mA_P=8.21196W_U=32.860V

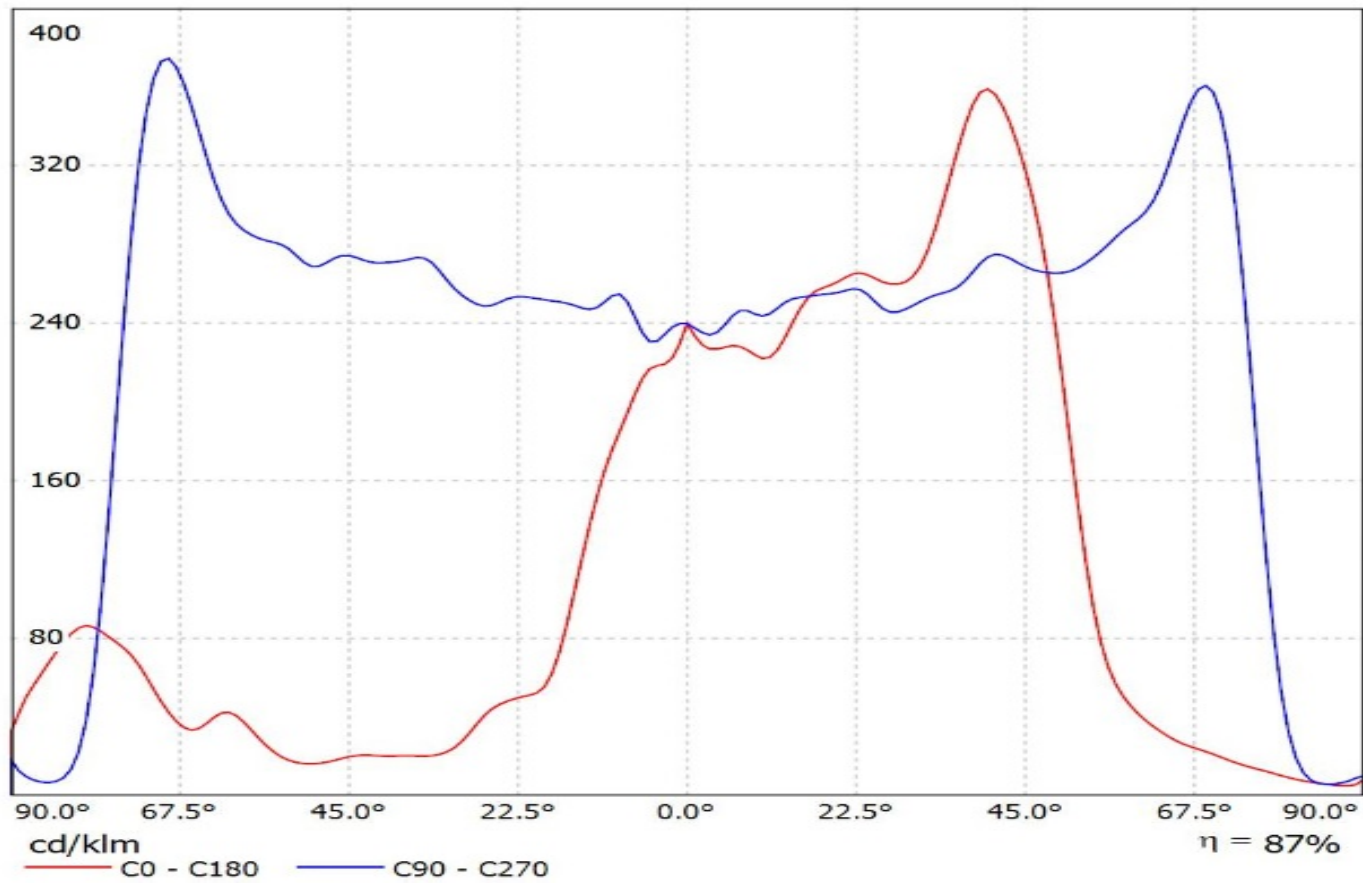


Luminaire: Ledil CS14144_STRADA-IP-2X6-ME_(NVSL219CT)

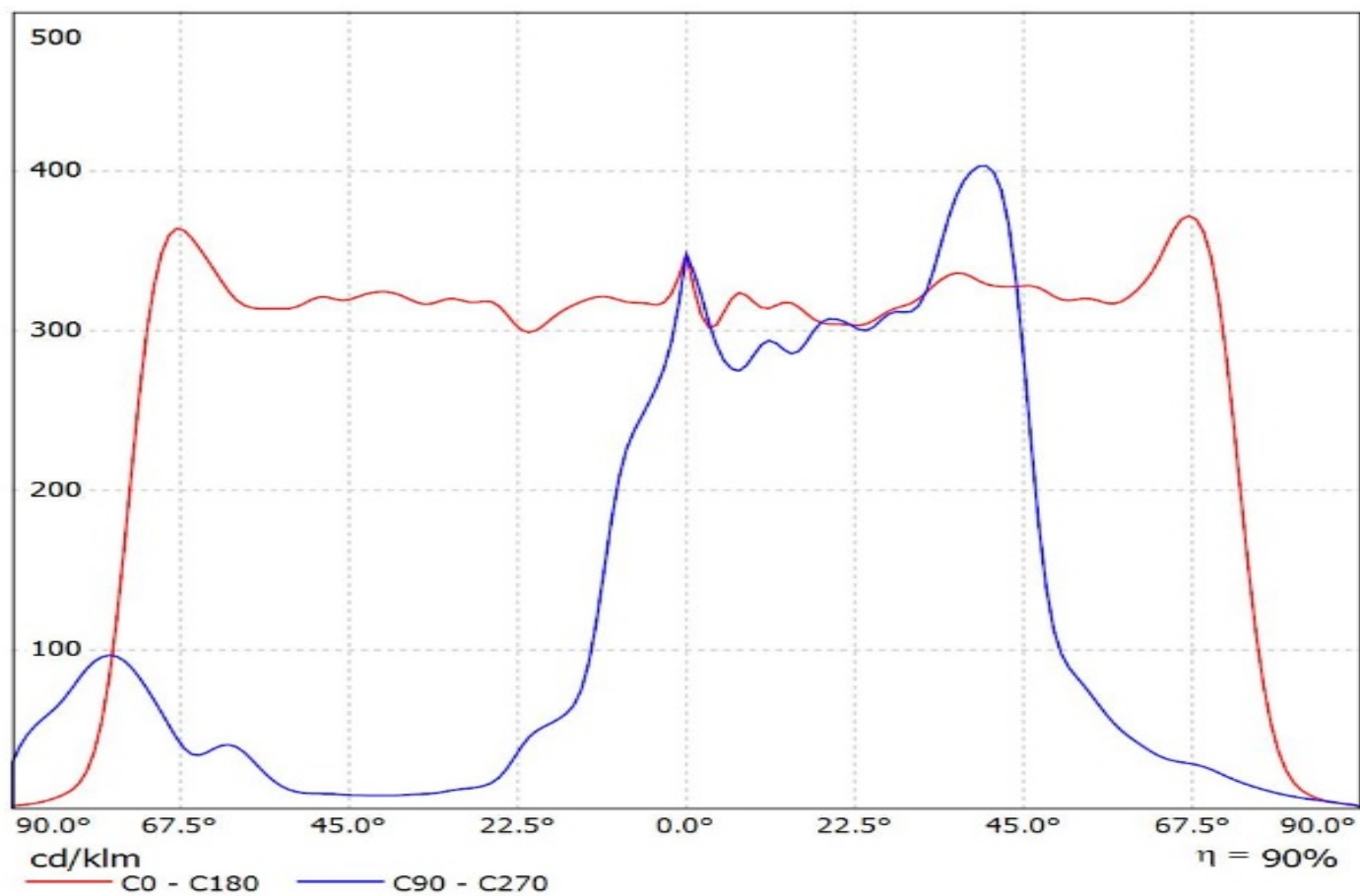
Lamps: 1 x Nichia_NVSL219CT_2x6_1262.53lm@250mA_P=8.35825W_I=0.25A



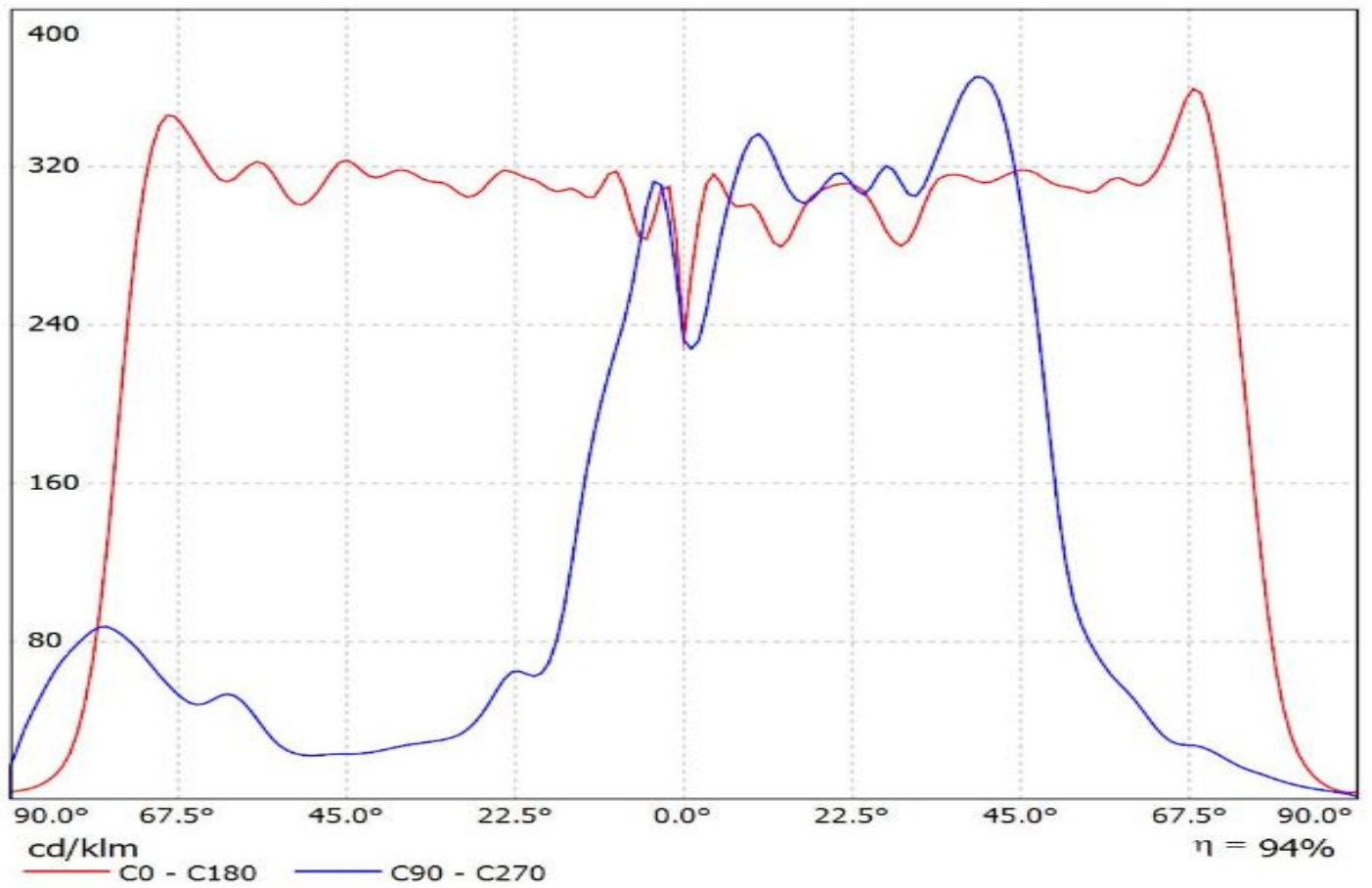
Luminaire: Ledil Oy CS14144_STRADA-IP-2X6-ME_NVSW3x9A_SIMULATED
Lamps: 1 x Nichia NVSW219A



Luminaire: Ledil Oy CS14144_STRADA-IP-2X6-ME_(Duris_P8)_SIMULATED
Lamps: 1 x Osram Duris P8

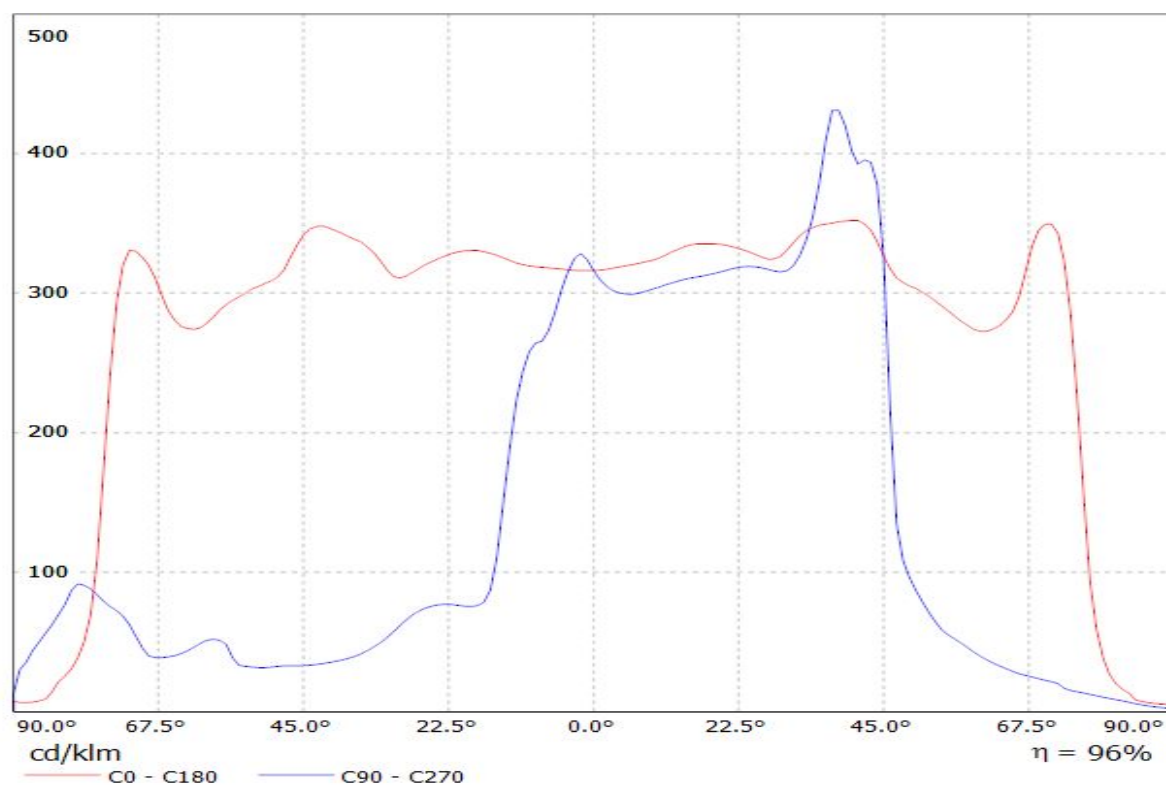


Luminaire: Ledil Oy CS14144_STRADA-IP-2X6-ME_OSRAM_DURIS_P9_SIMULATED
Lamps: 1 x OSRAM DURIS P9

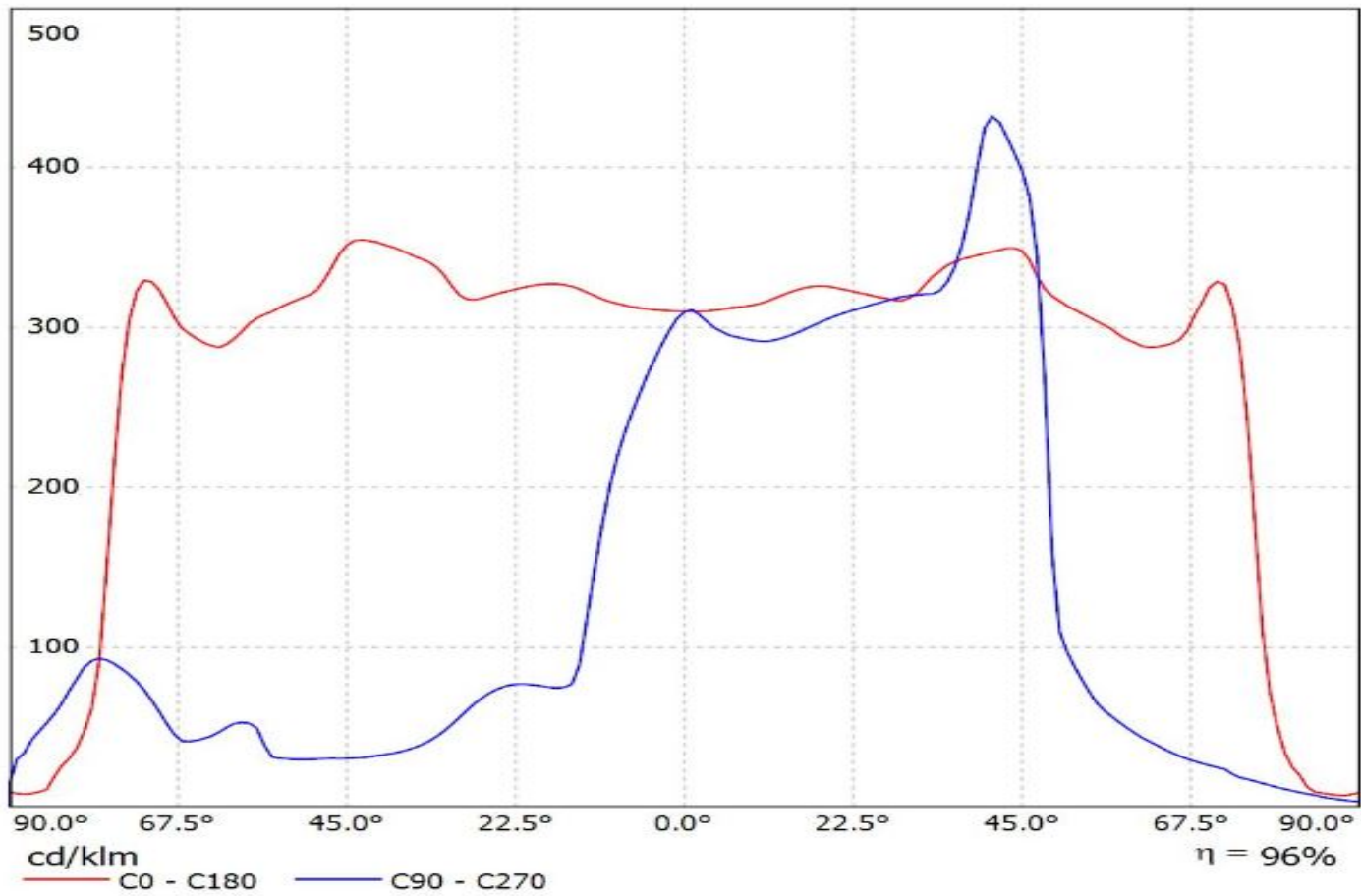


Luminaire: LEDiL Oy CS14144_STRADA-IP-2X6-ME_(Square_Gen3)

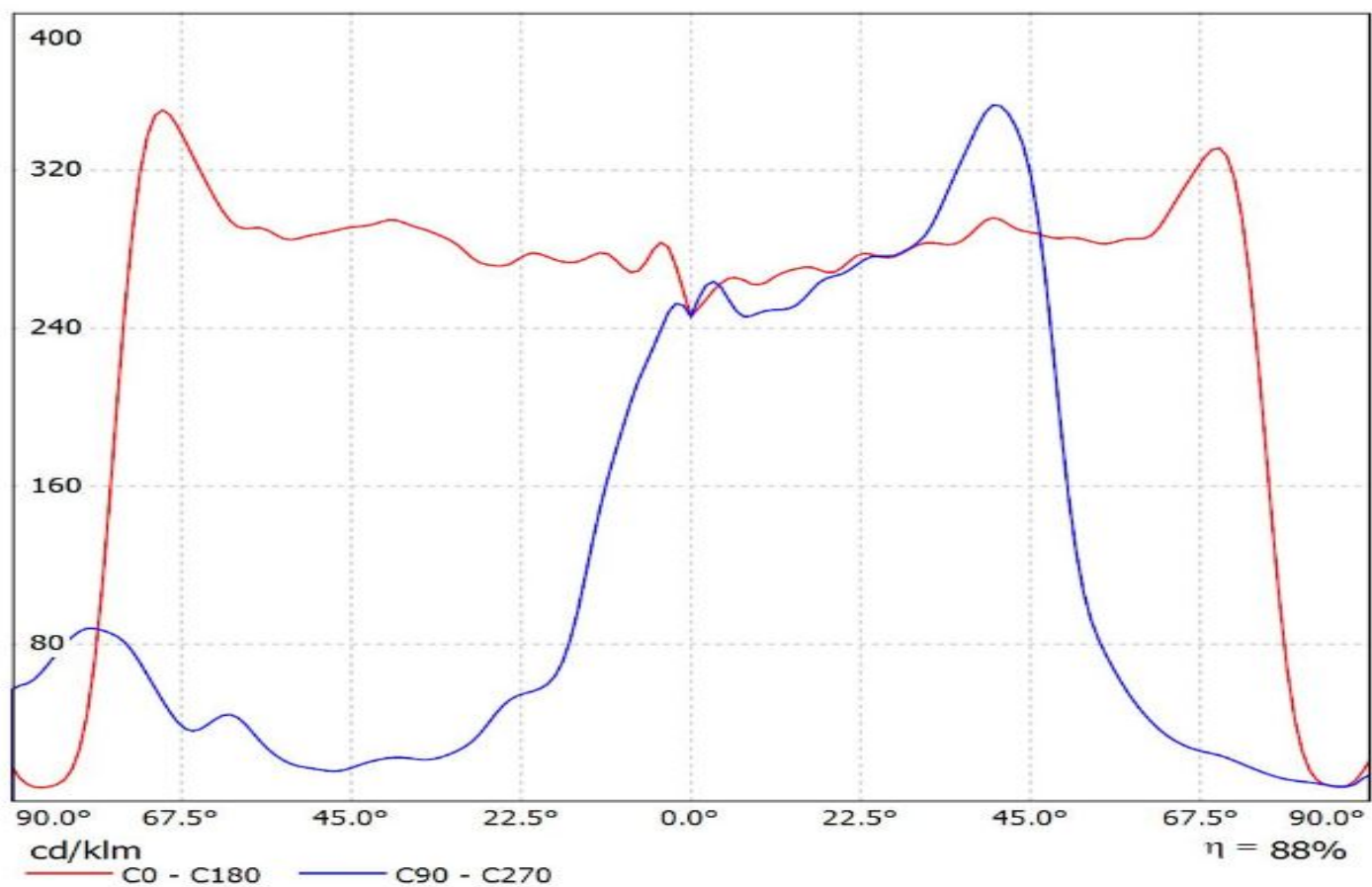
Lamps: 1 x Osram_Oslon_Square_Gen3_x12_(GW-CSSRM2.PM-MUNQ-A737-1)_1314.75lm@250mA_P=8.21892W_η=0.25A

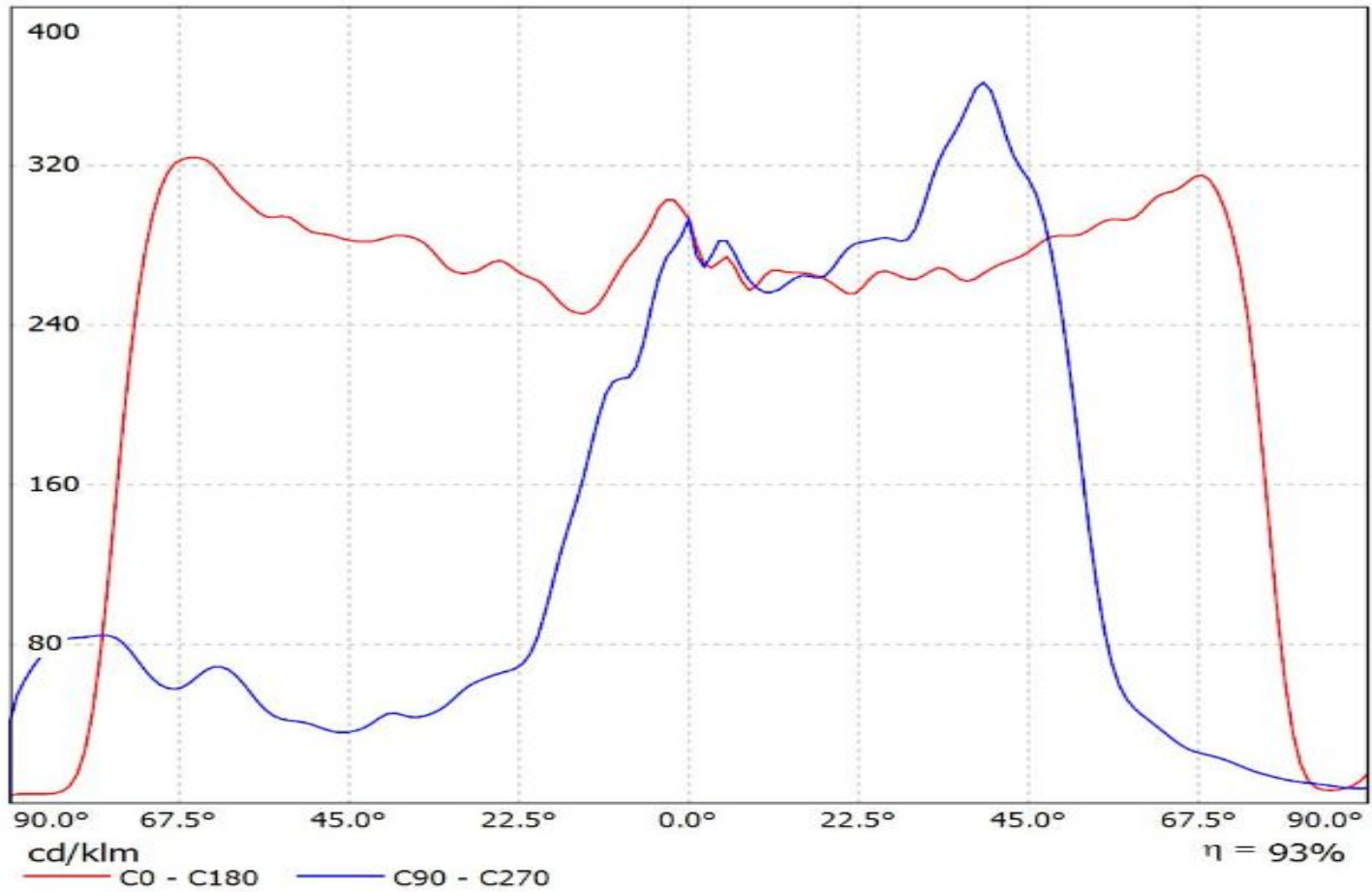


Luminaire: LEDiL Oy CS14144_STRADA-IP-2X6-ME_Fortimo FastFlex LED board 2x6 DP G4
Lamps: 1 x Fortimo FastFlex LED board 2x6 DP G4

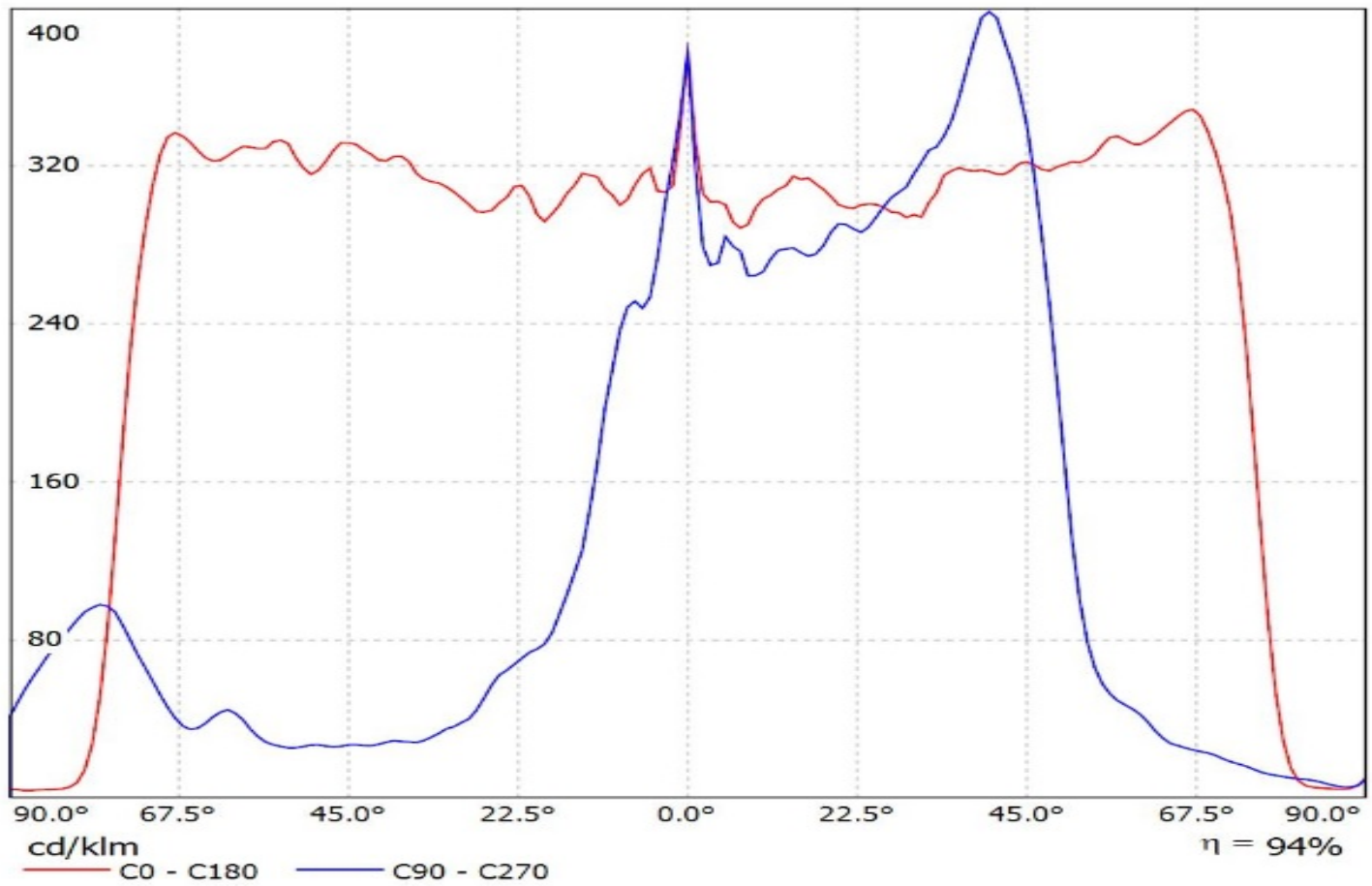


Luminaire: Ledil Oy CS14144_STRADA-IP-2X6-ME_Fortimo FastFlex LED board 2x6 DPX
G4_SIMULATED
Lamps: 1 x Fortimo FastFlex LED board 2x6 DPX G4

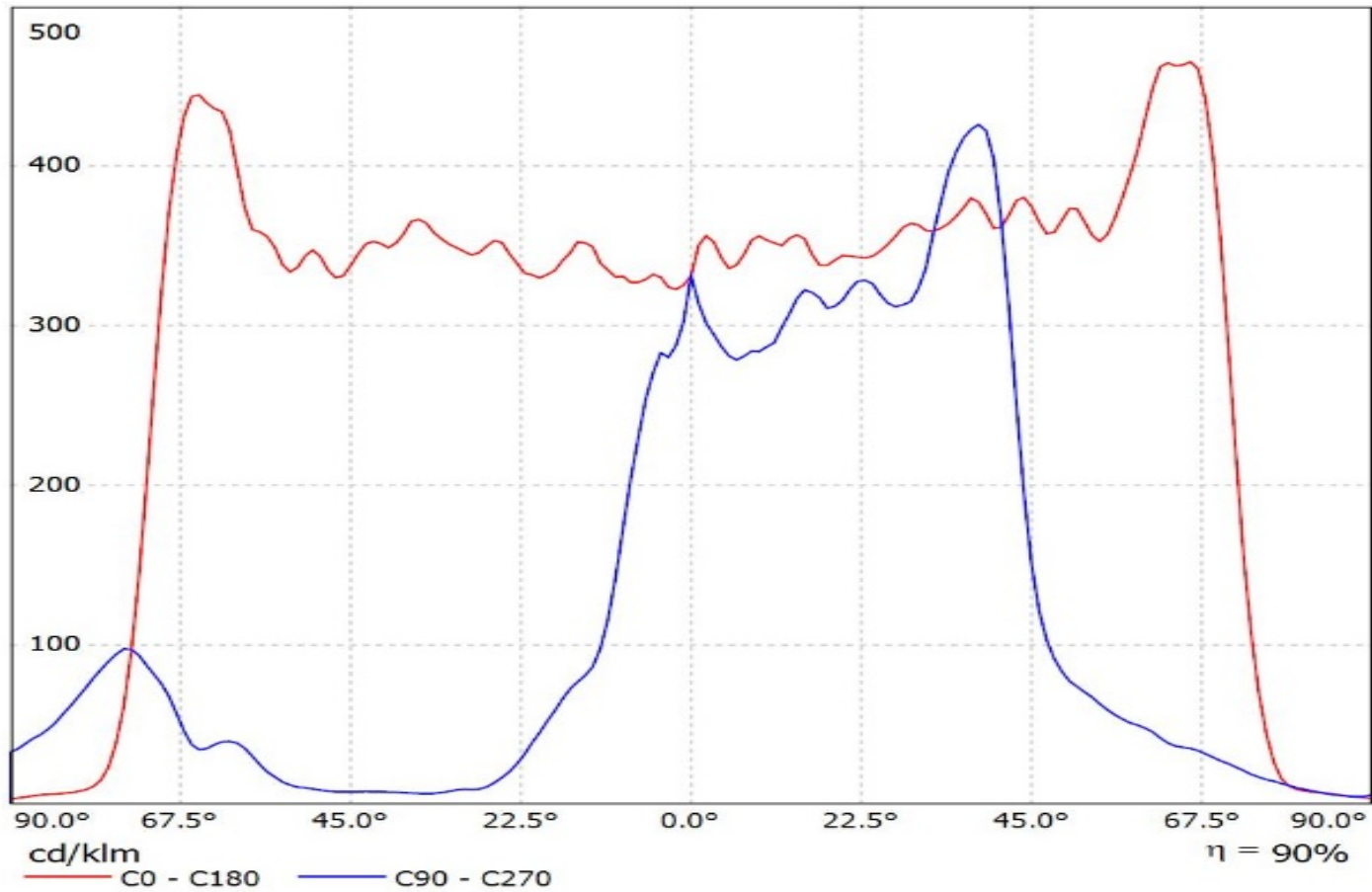




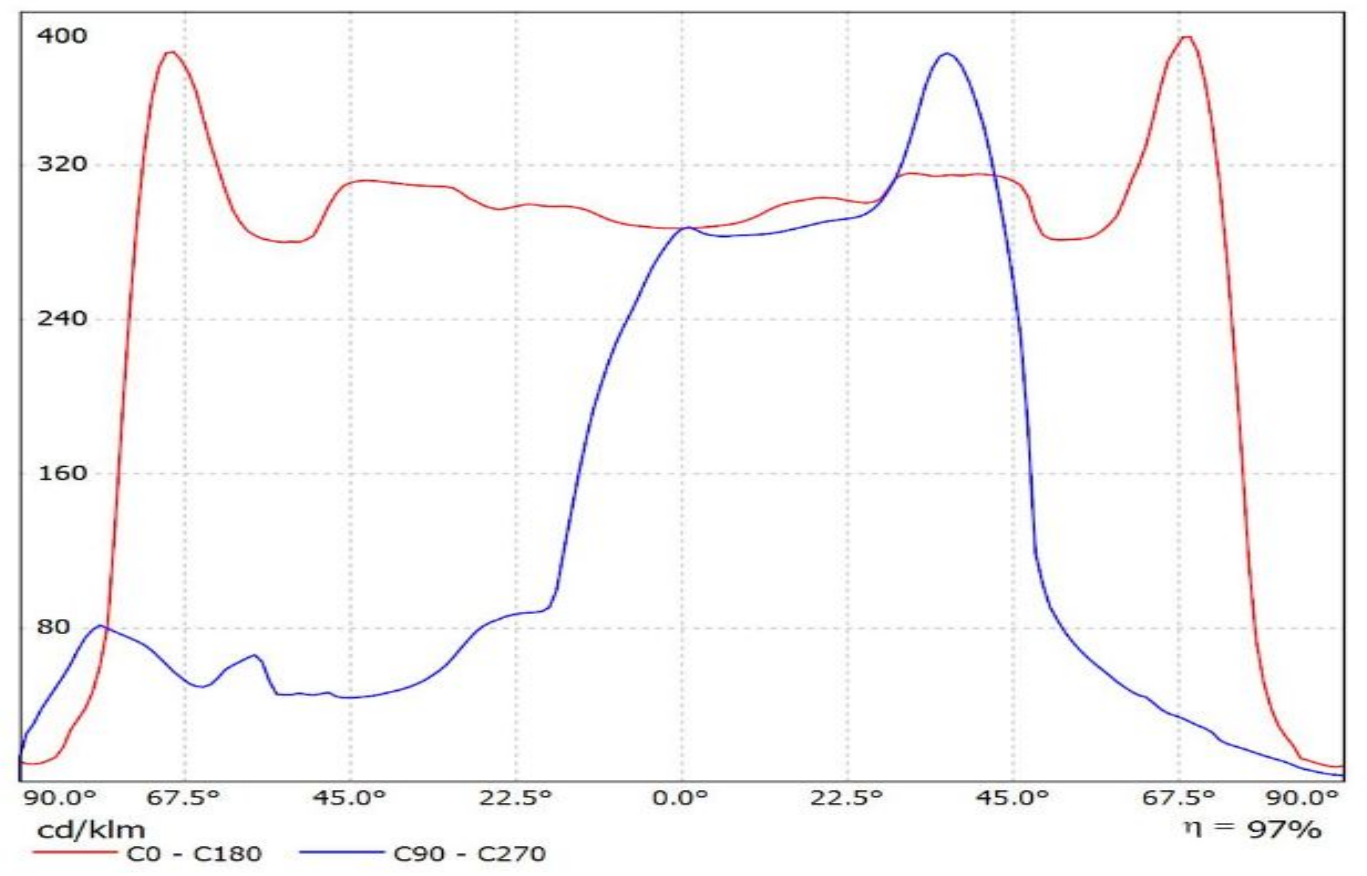
Luminaire: Ledil Oy CS14144_STRADA-IP-2X6-ME_SIMULATED
Lamps: 1 x SAMSUNG_LH351B



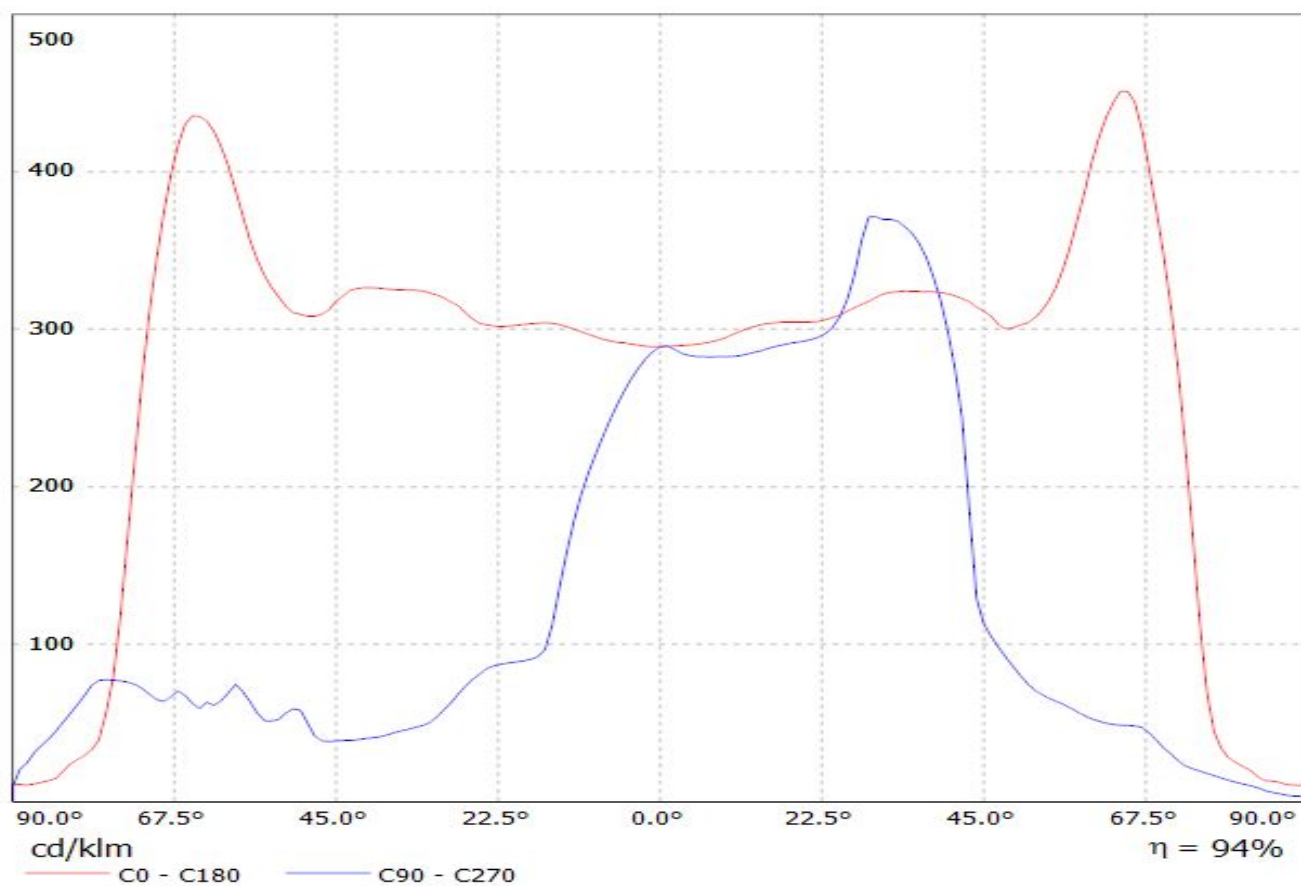
Luminaire: Ledil Oy CS14144_STRADA-IP-2X6-ME_(Z5M1)_SIMULATED
Lamps: 1 x Seoul Z5M1



Luminaire: Ledil CS14144_STRADA-IP-2X6-ME_(Z8Y22_PLUS)
Lamps: 1 x Seoul_Z8Y22_PLUS_2X6_(SZ8-Y22-W0-C7P)1489.65lm@250mA_P=8.30675W_I=0.250A



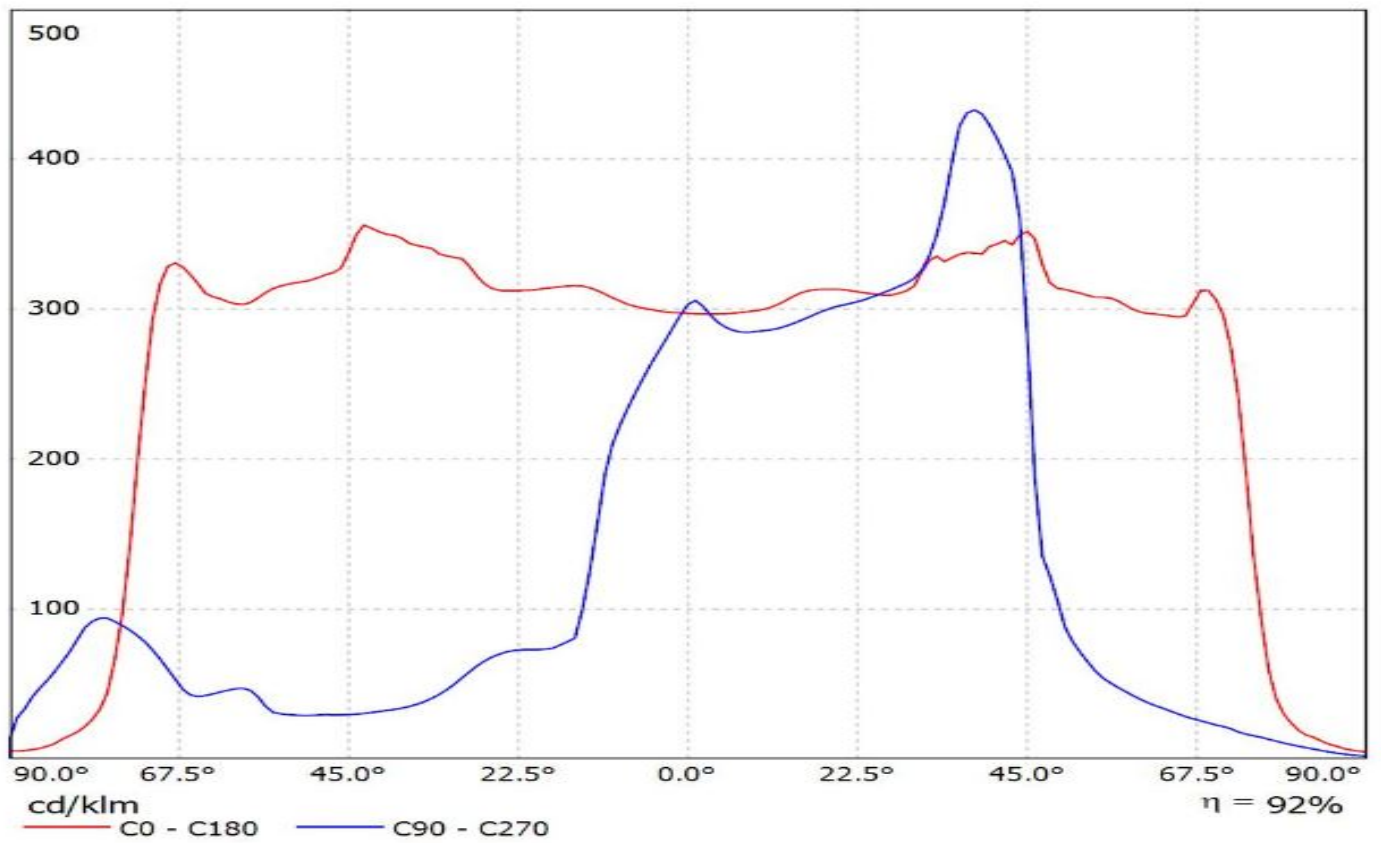
Luminaire: LEDiL Oy CS14144_STRADA-IP-2X6-ME_(SMJQ-D36W12Mx)
Lamps: 1 x Seoul_SMJQ-D36W12Mx_3765.02@700mA_P=23.6218W_I=0.25A



Ledil CS14144_STRADA-IP-2X6-ME_(TL1L4) / LDC (Linear)

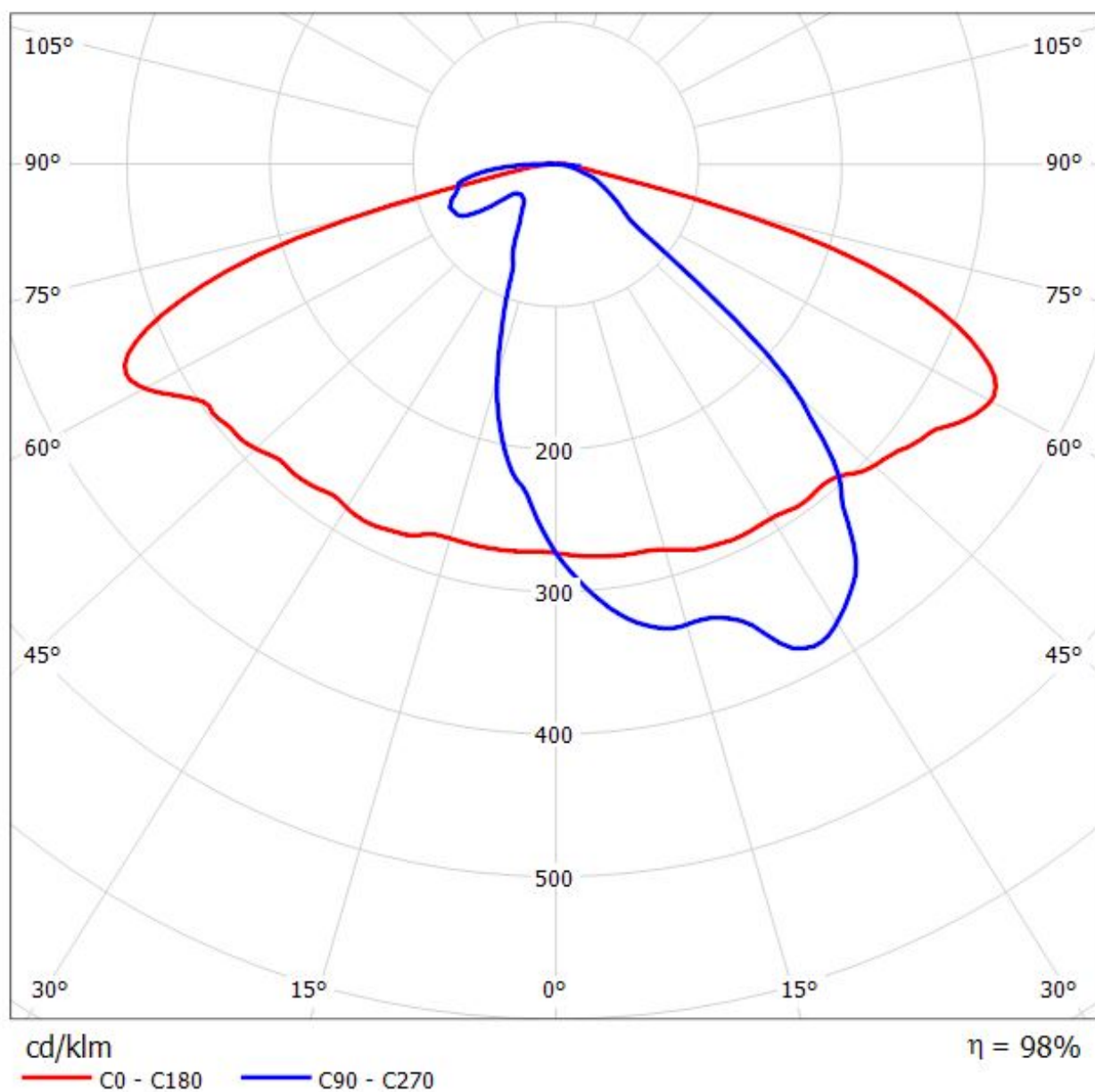
Luminaire: Ledil CS14144_STRADA-IP-2X6-ME_(TL1L4)

Lamps: 1 x Toshiba_TL1L4_2x6_(TL1L4-DW0)_1346.96lm@250mA_CCT=6500K_P=8.5W_I=0.25A



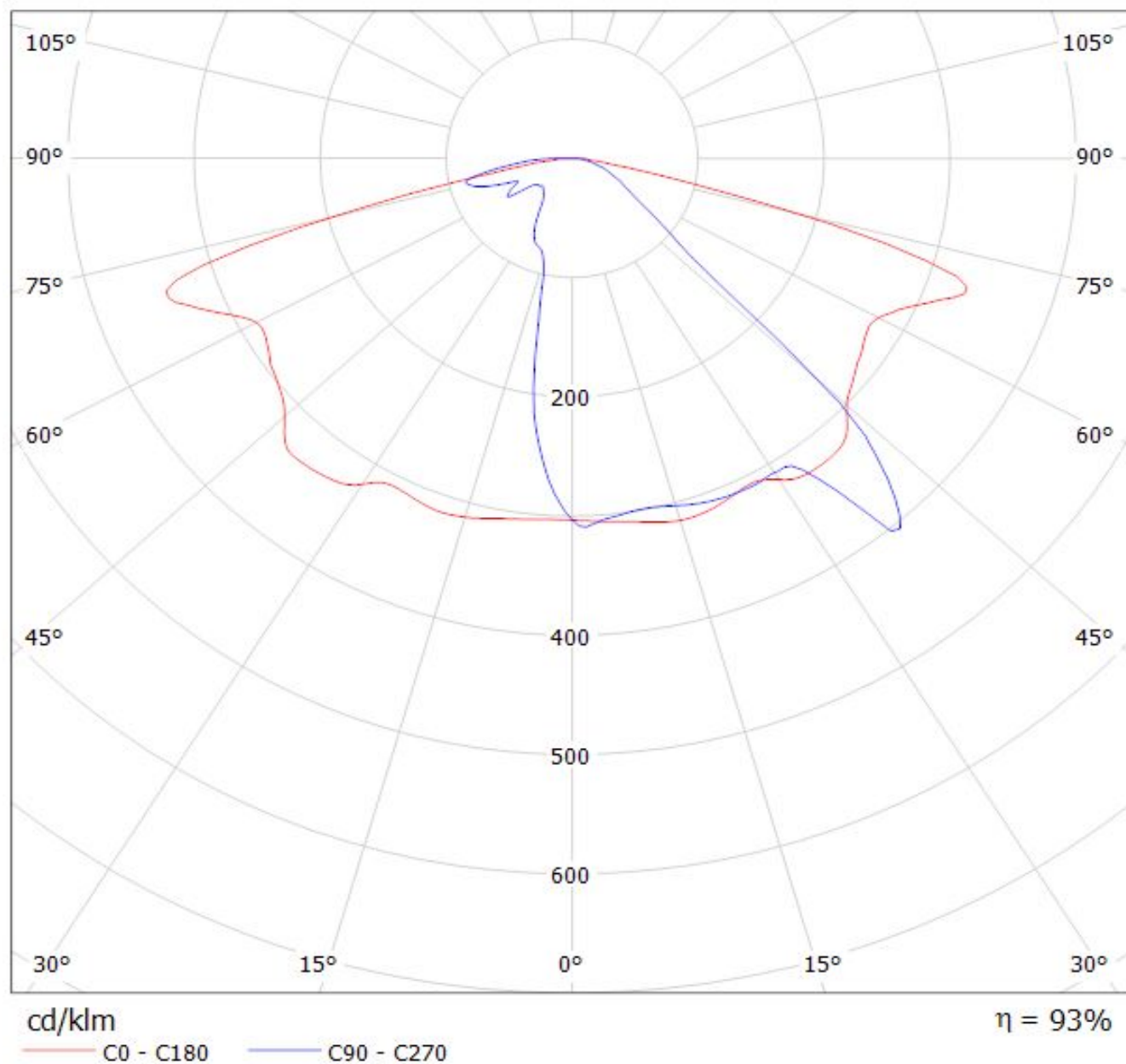
Luminaire: LEDiL Oy CS14144_STRADA-IP-2X6-ME_(Bridgelux_5050_Gen2)

Lamps: 1 x Bridgelux_5050_Gen2_2x6_(BXEP-57C-435-09B)_4268.87lm@250mA_CCT=5700K_P=24.6757W_I=0.25A



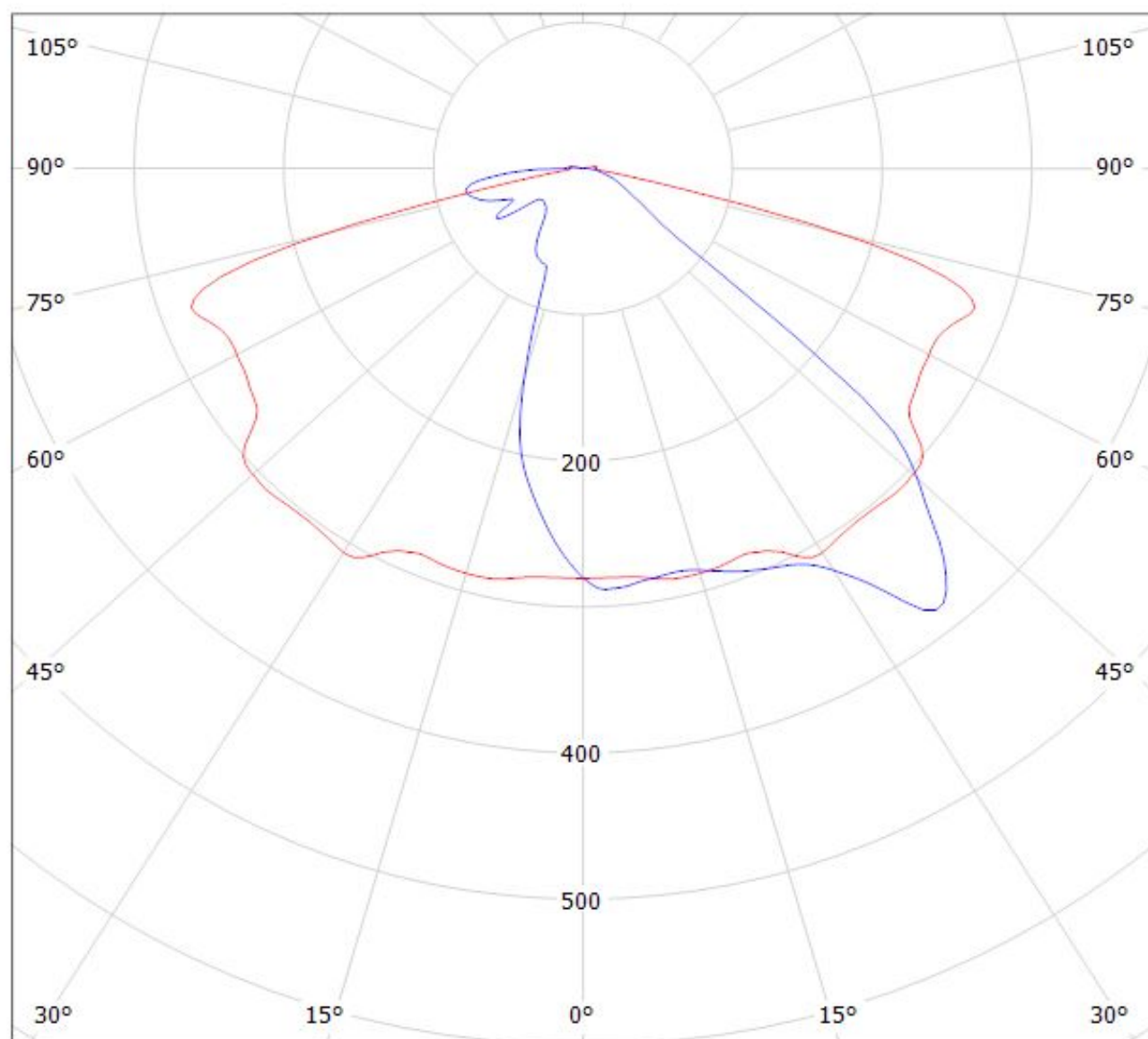
Luminaire: LEDiL Oy CS14144_STRADA-IP-2X6-ME_(XT-E)_02 Eff.92.8%

Lamps: 1 x CREE_XT-E_6x2_(XTEAWT-00-0000-000000HE4)_1253.02lm@250mA_P=8.85391W_I=249.8mA



Luminaire: LEDiL Oy CS14144_STRADA-IP-2X6-ME_(XP-L)

Lamps: 1 x CREE_XP-L_2x6_(XPLAWT-0-7A3-U50-0H-0001)_1253.88lm@250mA_P=8.22317W_I=249.8mA



cd/klm

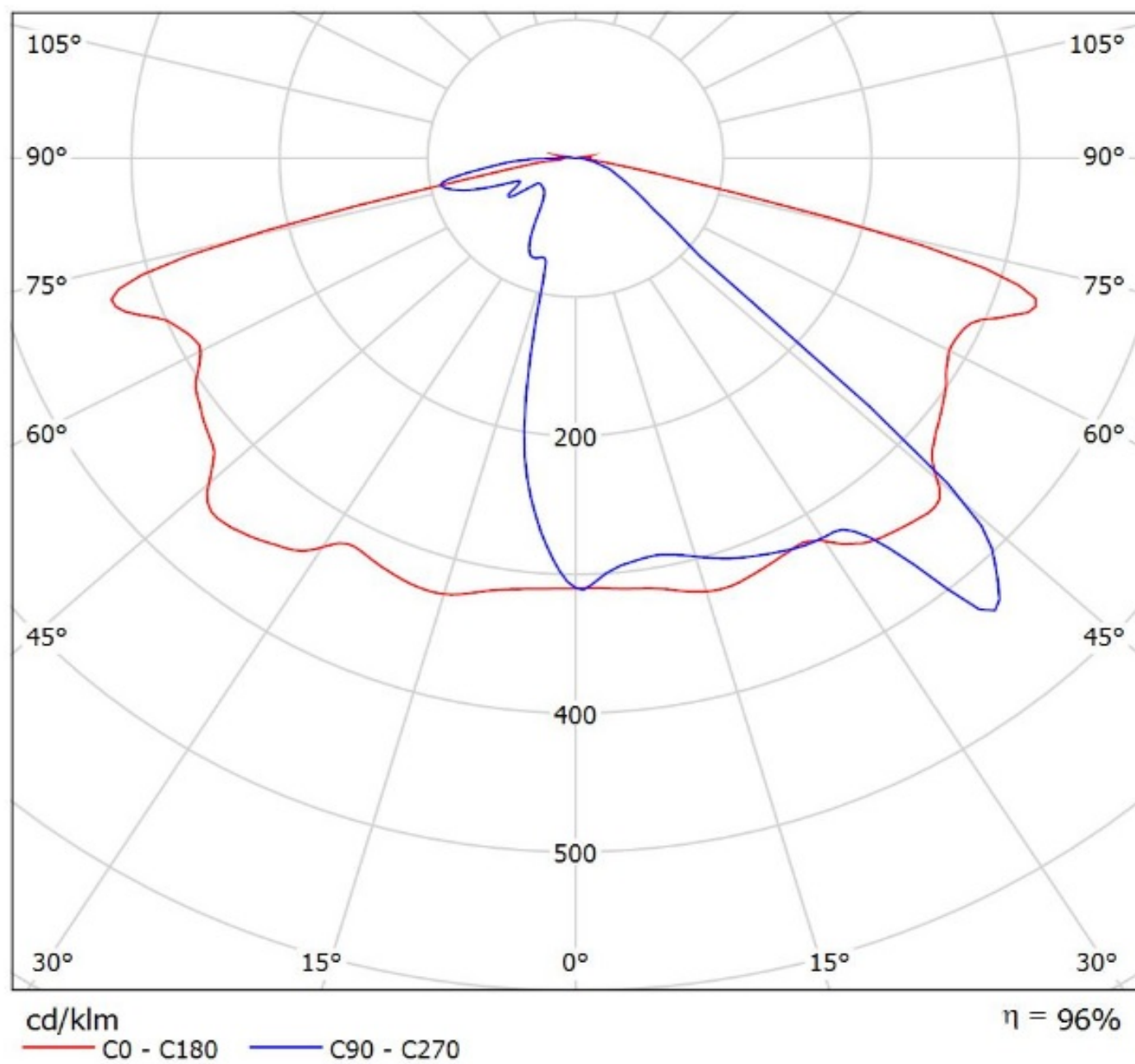
— C0 - C180

— C90 - C270

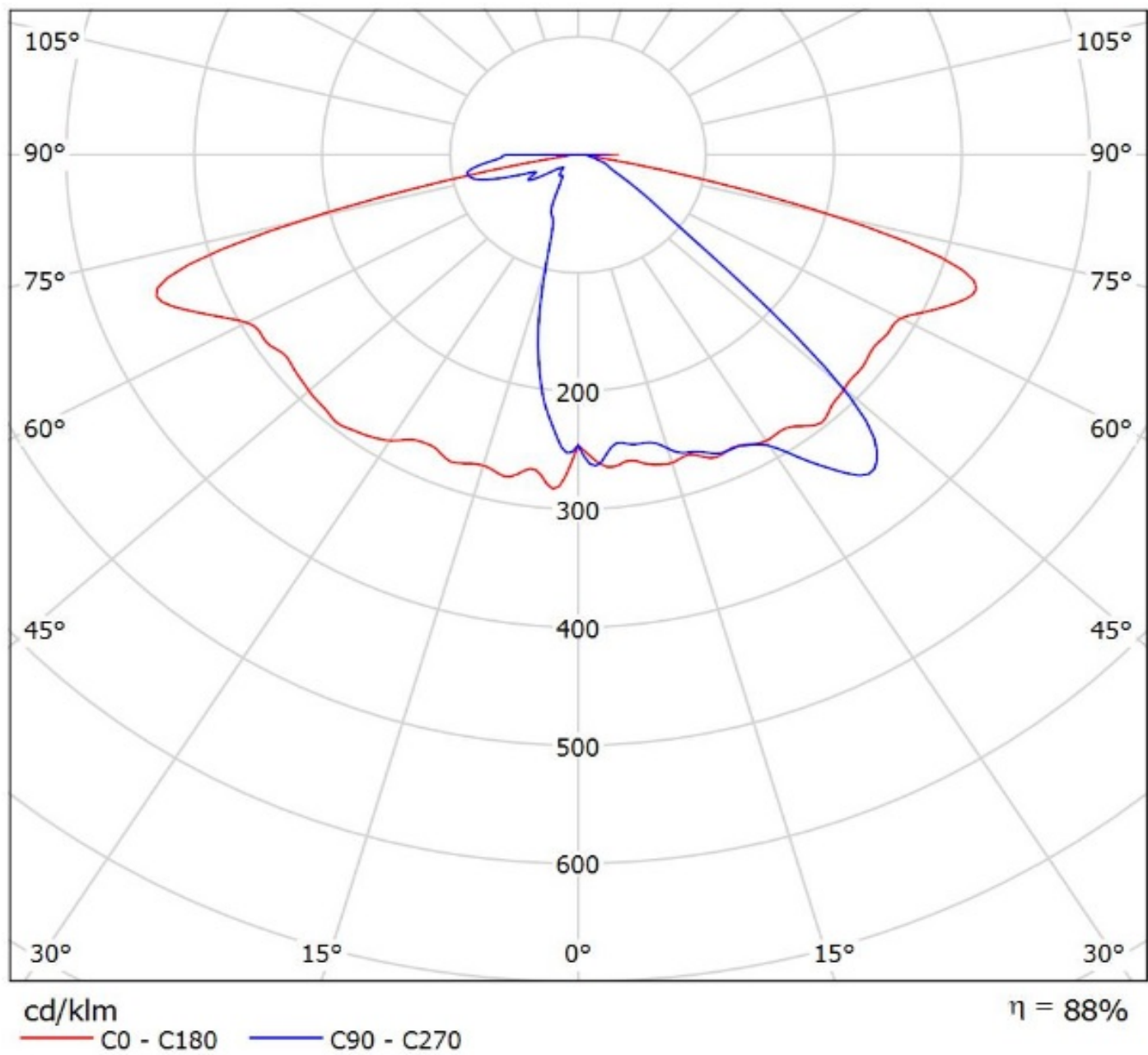
$\eta = 94\%$

Luminaire: LEDiL Oy CS14144_STRADA-IP-2X6-ME_(XP-G2)

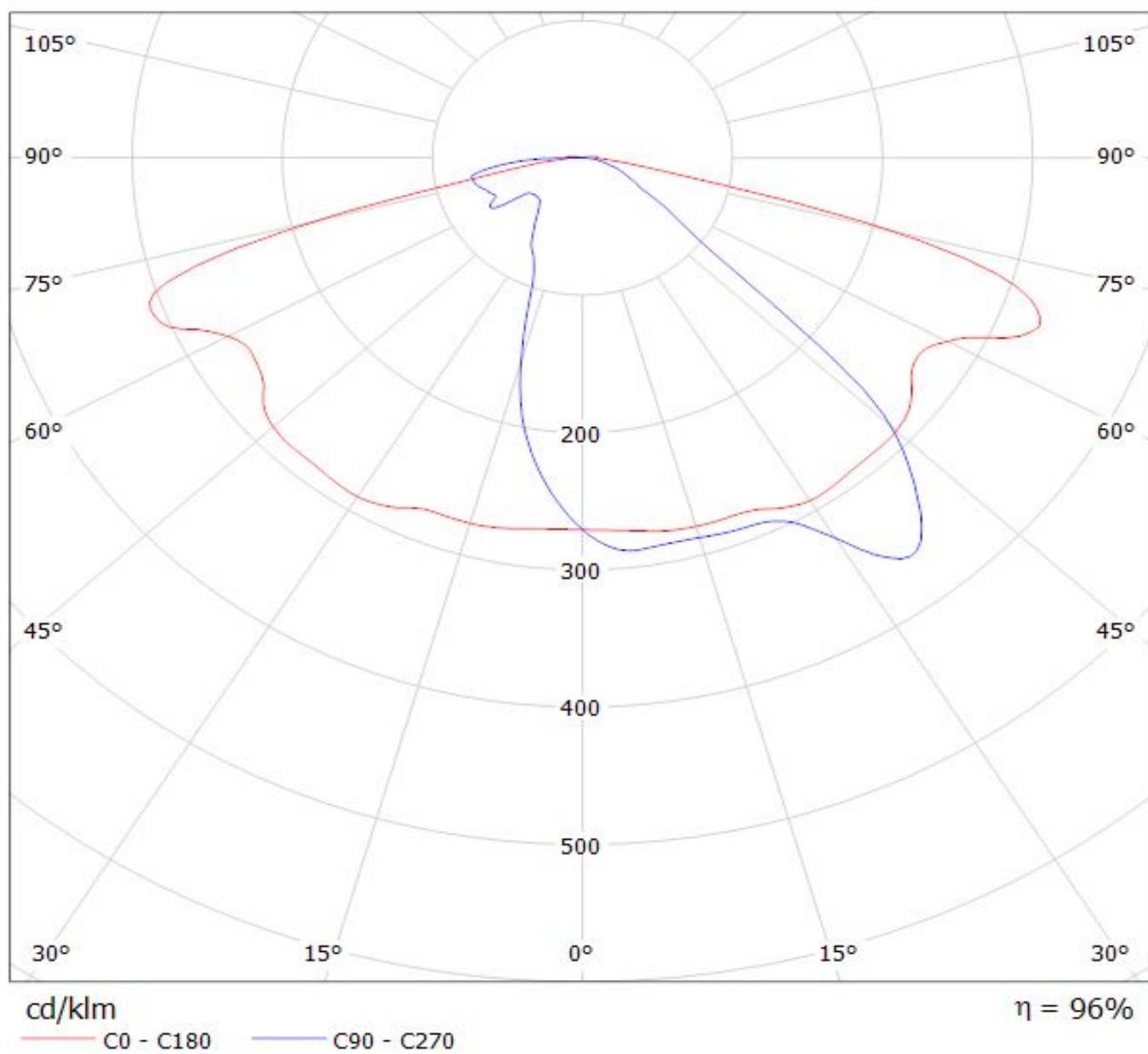
Lamps: 1 x XP-G2_2x6_1246.35lm@250mA_U=8.54391W_I=249.8mA



Luminaire: Ledil Oy CS14144_STRADA-IP-2X6-ME_(XP-G3)_SIMULATED
Lamps: 1 x Cree XP-G3

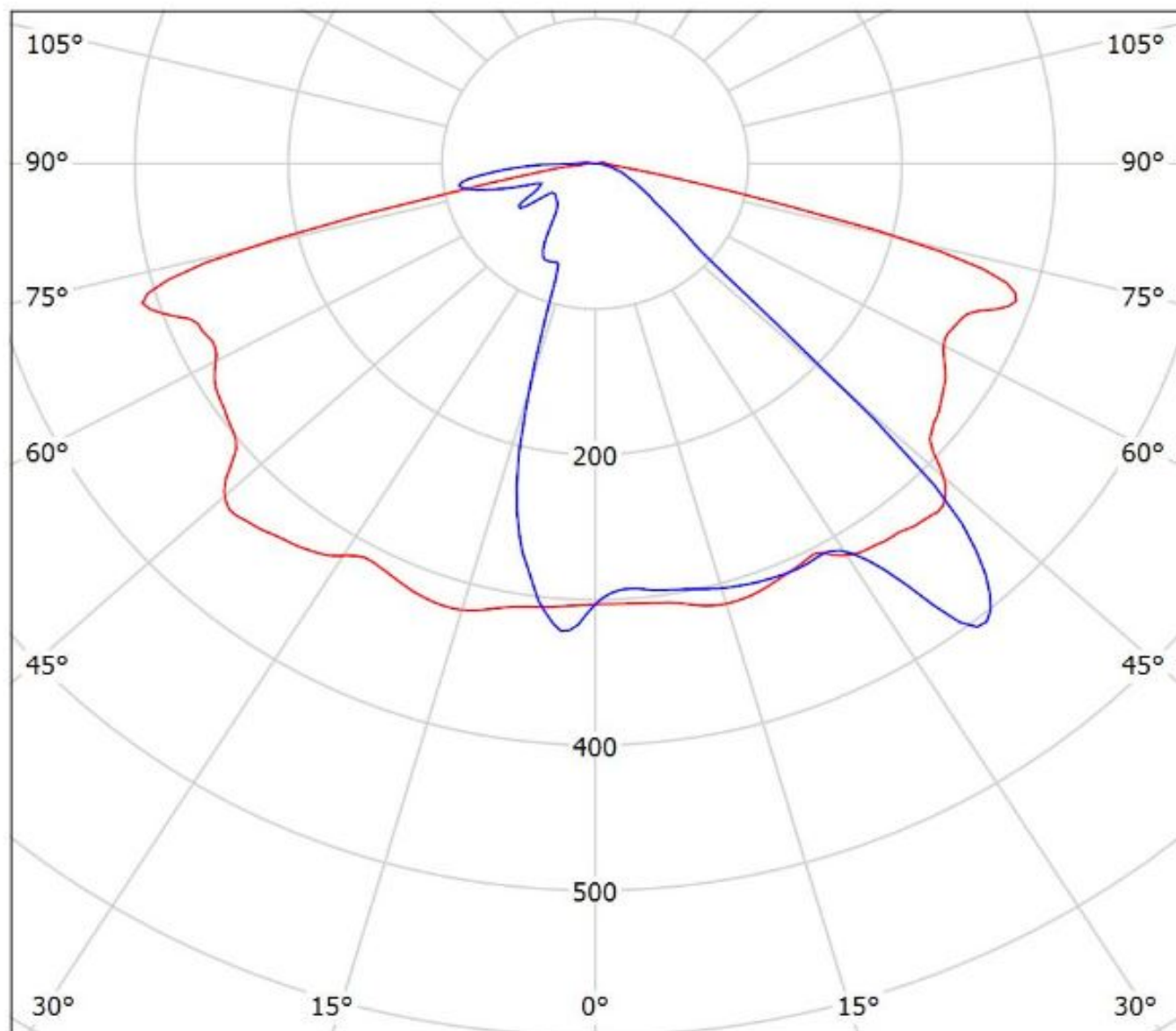


Luminaire: Ledil CS14144_STRADA-IP-2X6-ME_(XP-L2)
Lamps: 1 x Cree_XP-L2x12_(XPGBWT-H1-3B0-R5-0-01)
1666.32lm@250mA_CCT=5000_P=8.239W_I=0.25A



Luminaire: Ledil CS14144_STRADA-IP-2X6-ME_(H35C1)

Lamps: 1 x LG_H35C1_2x6_1389.53lm@250mA_CCT=5700_P=8.59425W_I=0.250A



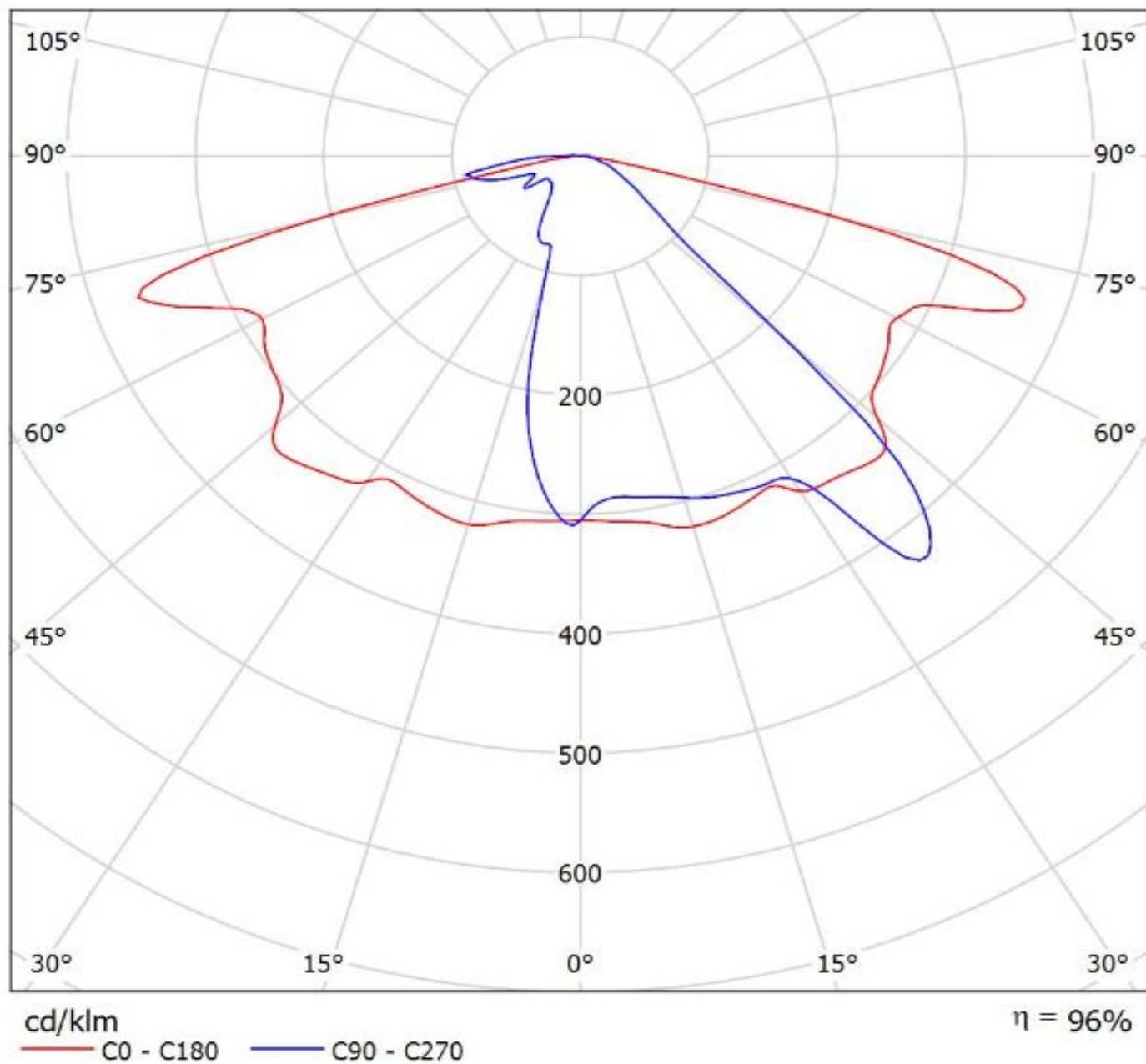
cd/klm

— C0 - C180

— C90 - C270

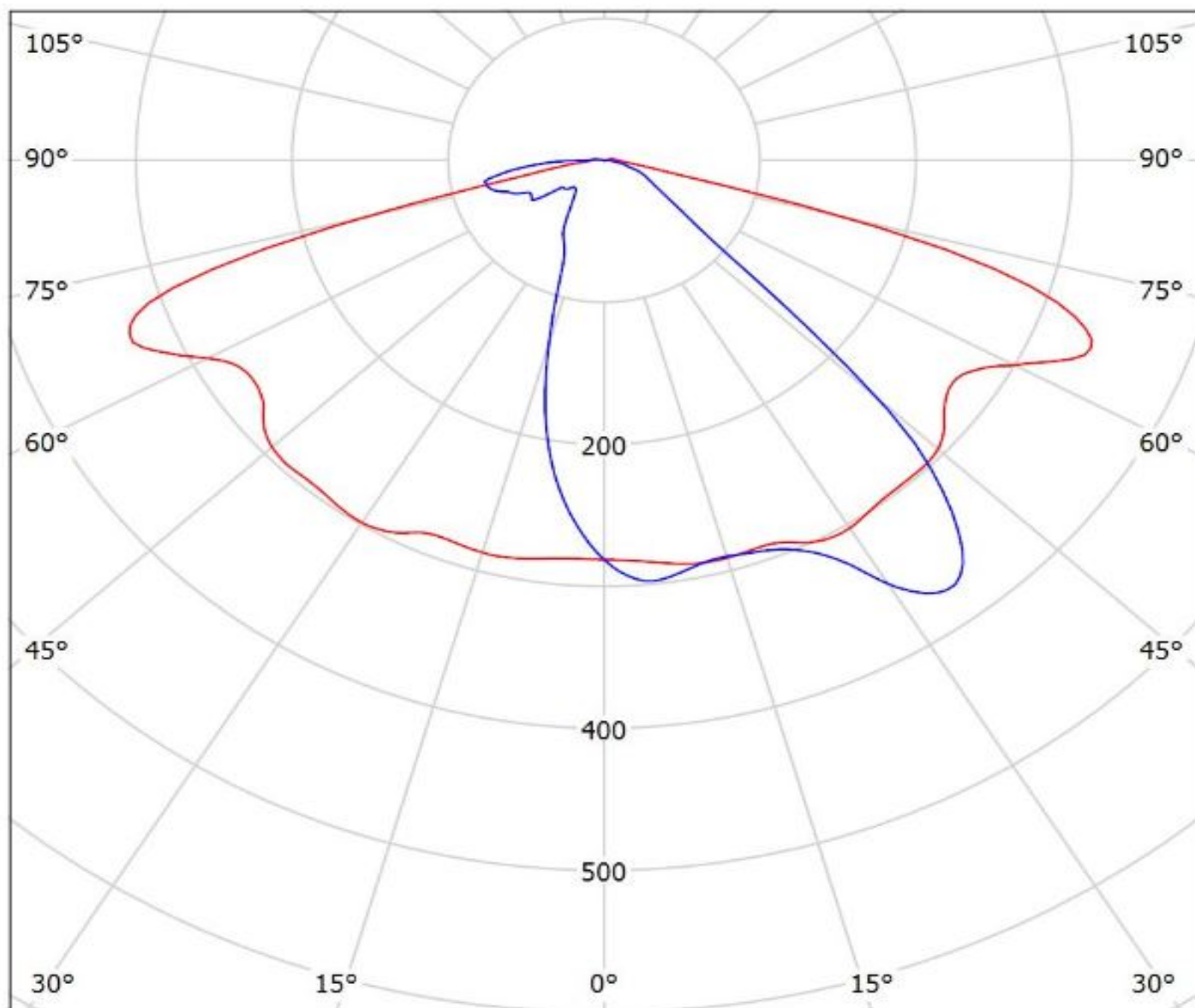
$\eta = 95\%$

Luminaire: Ledil CS14144_STRADA-IP-2X6-ME_(XR-TX)
Lamps: 1 x Luxeon_XR-TX_1377.67lm@250mA_P=8.3973W_I=0.250A



Luminaire: Ledil CS14144_STRADA-IP-2X6-ME_(Luxeon_V)

Lamps: 1 x Lumileds_Luxeon_V_1451.92lm@250mA_P=8.21196W_U=32.860V



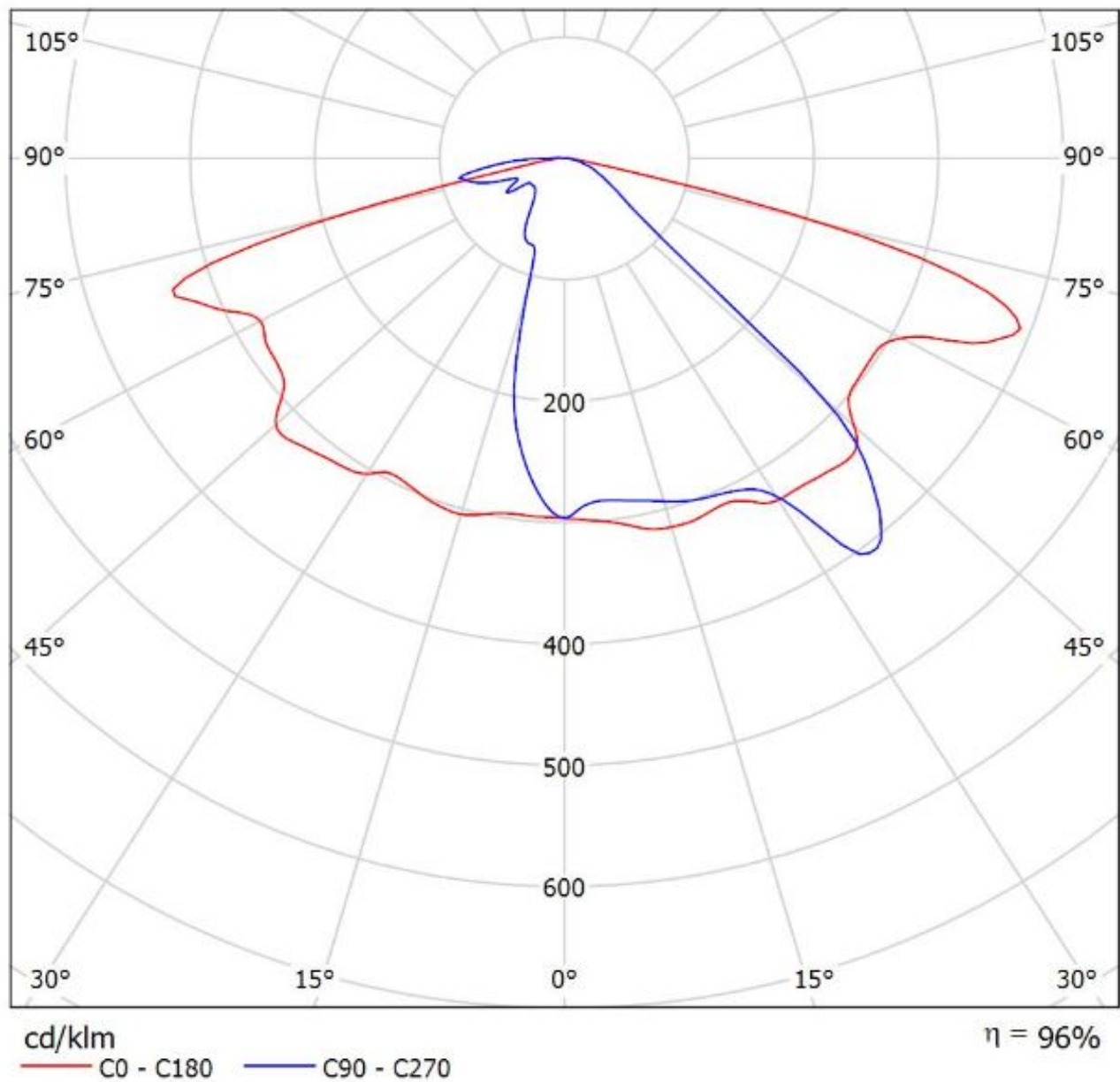
cd/klm

— C0 - C180

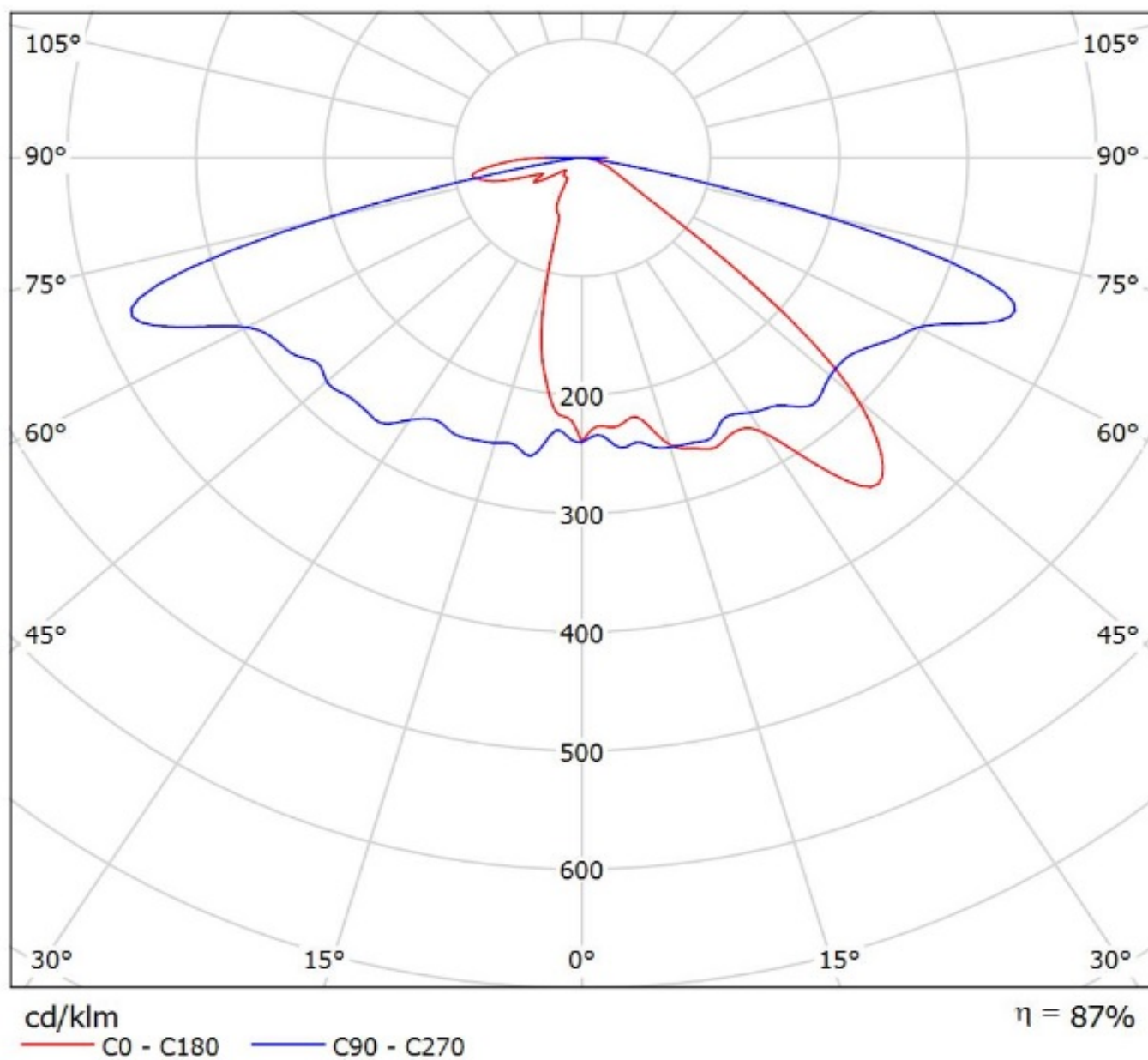
— C90 - C270

$\eta = 93\%$

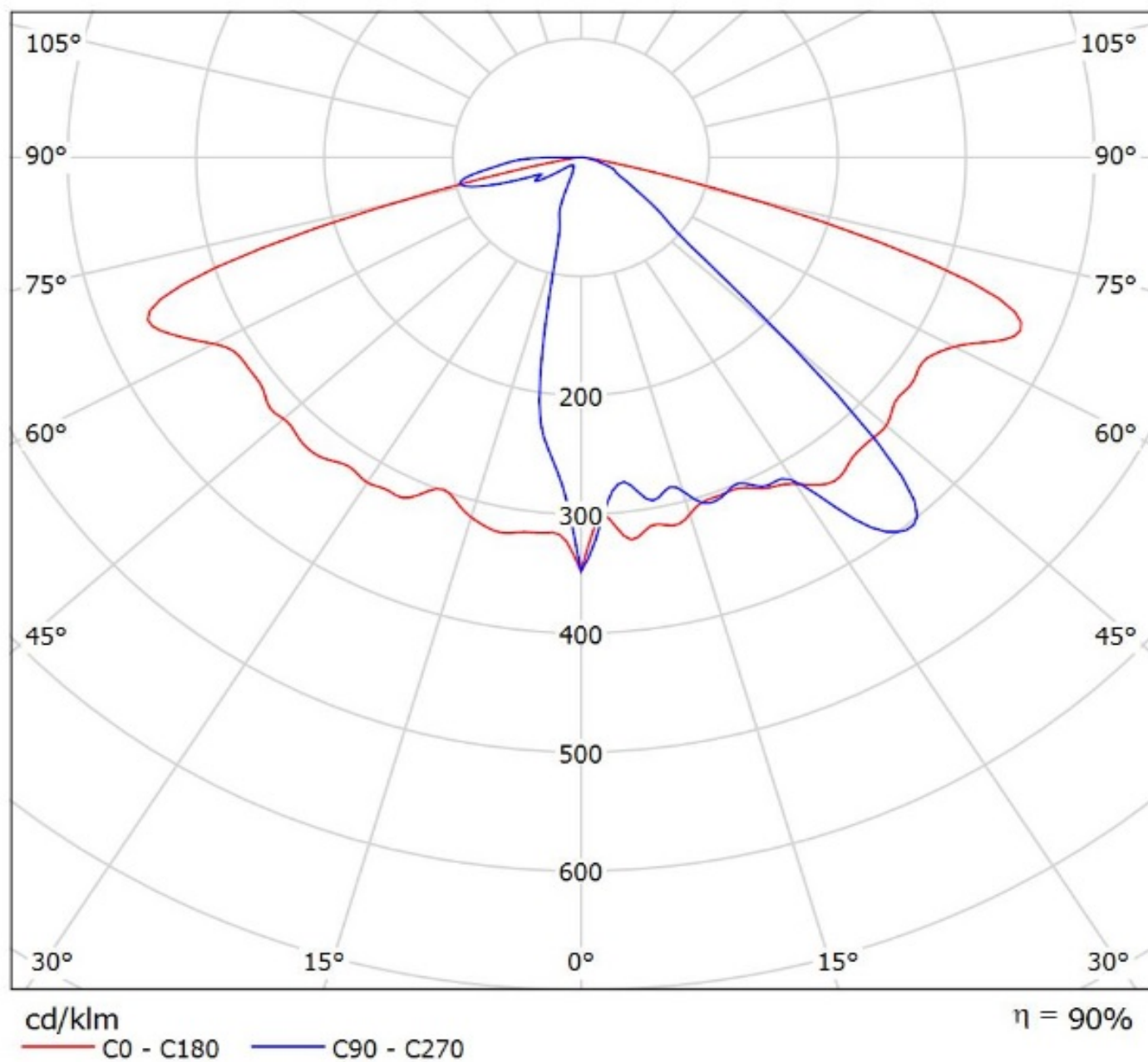
Luminaire: Ledil CS14144_STRADA-IP-2X6-ME_(NVSL219CT)
Lamps: 1 x Nichia_NVSL219CT_2x6_1262.53lm@250mA_P=8.35825W_I=0.25A



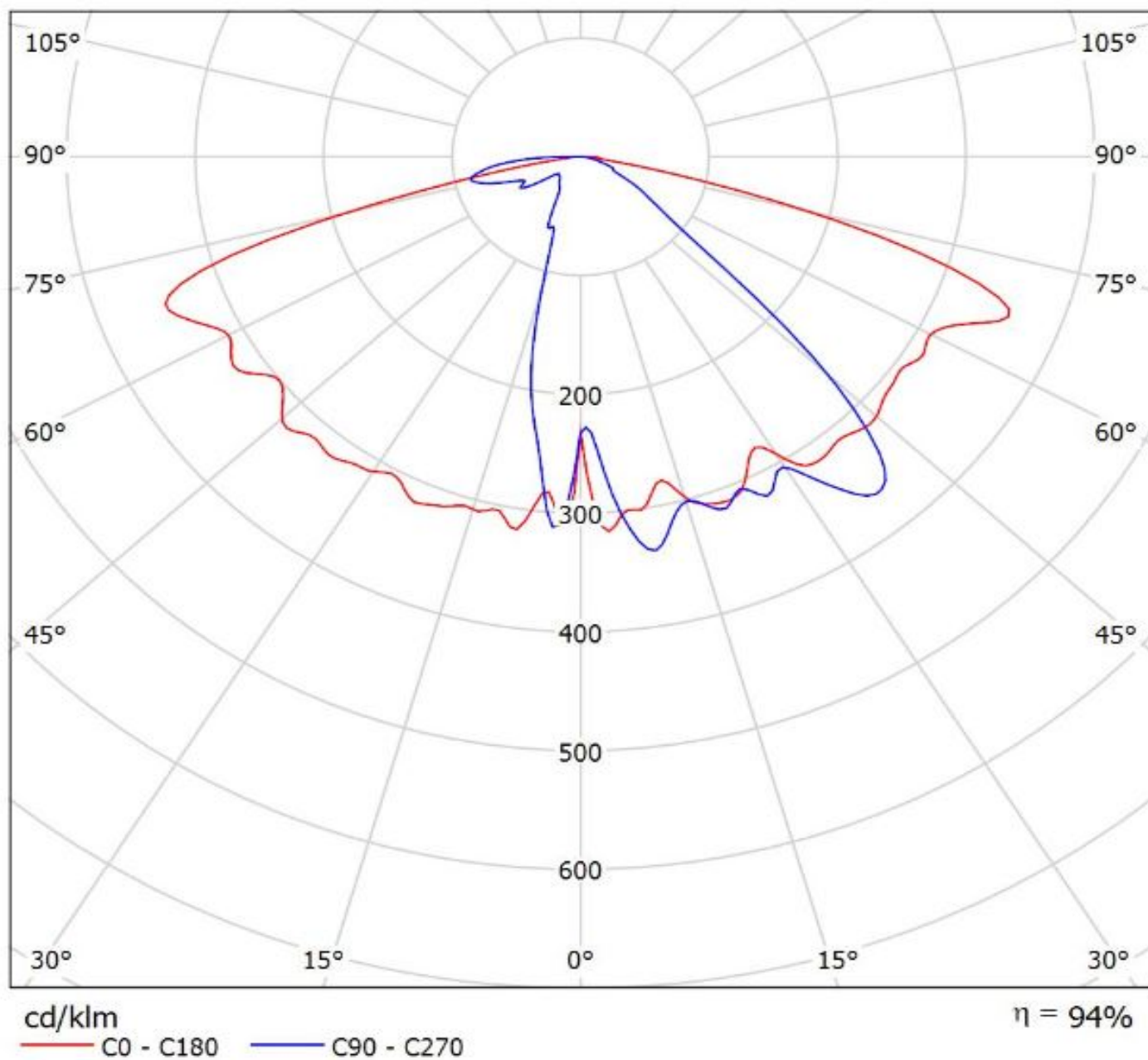
Luminaire: Ledil Oy CS14144_STRADA-IP-2X6-ME_NVSW3x9A_SIMULATED
Lamps: 1 x Nichia NVSW219A



Luminaire: Ledil Oy CS14144_STRADA-IP-2X6-ME_(Duris_P8)_SIMULATED
Lamps: 1 x Osram Duris P8

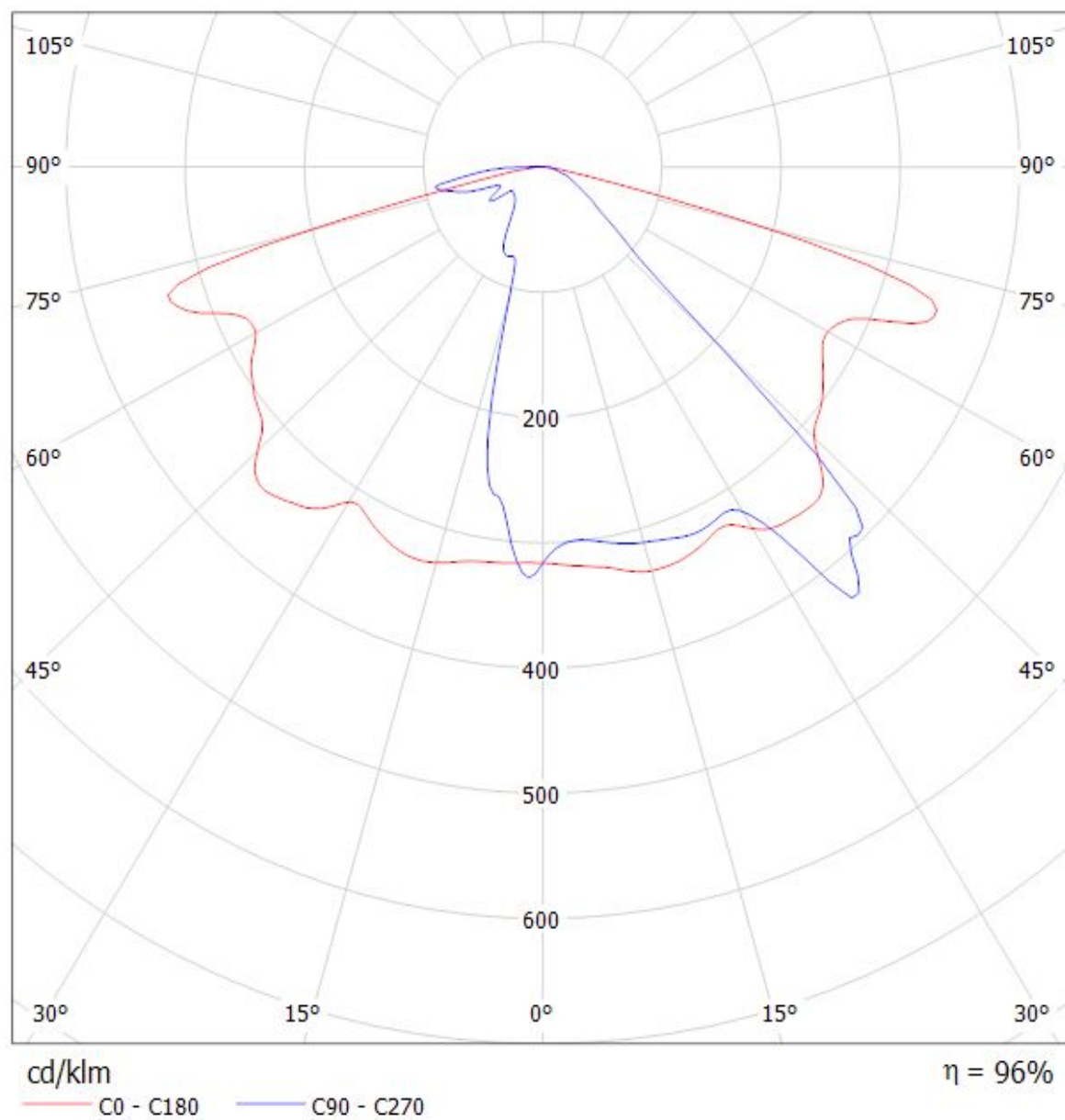


Luminaire: Ledil Oy CS14144_STRADA-IP-2X6-ME_OSRAM_DURIS_P9_SIMULATED
Lamps: 1 x OSRAM DURIS P9

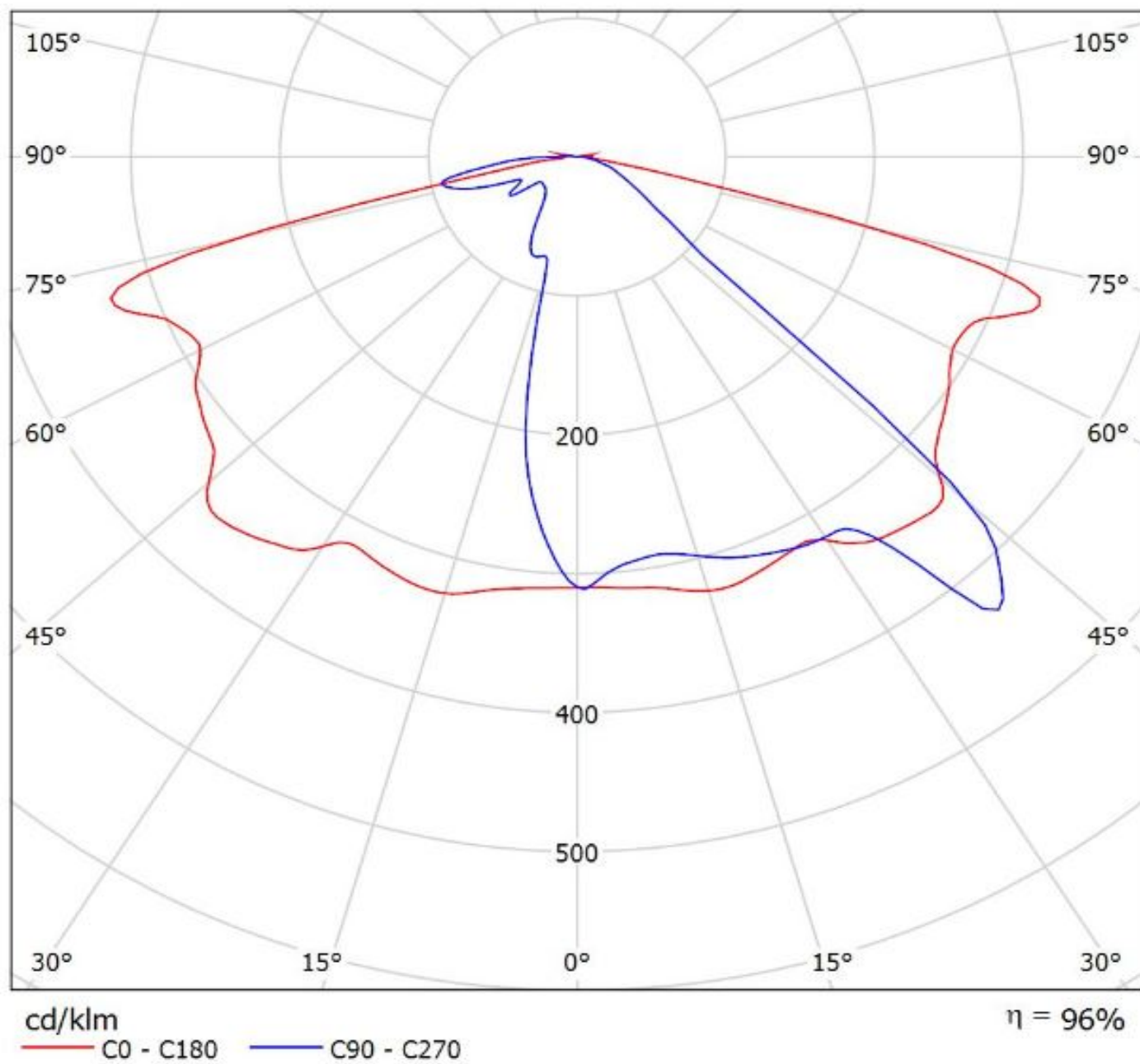


Luminaire: LEDiL Oy CS14144_STRADA-IP-2X6-ME_(Square_Gen3)

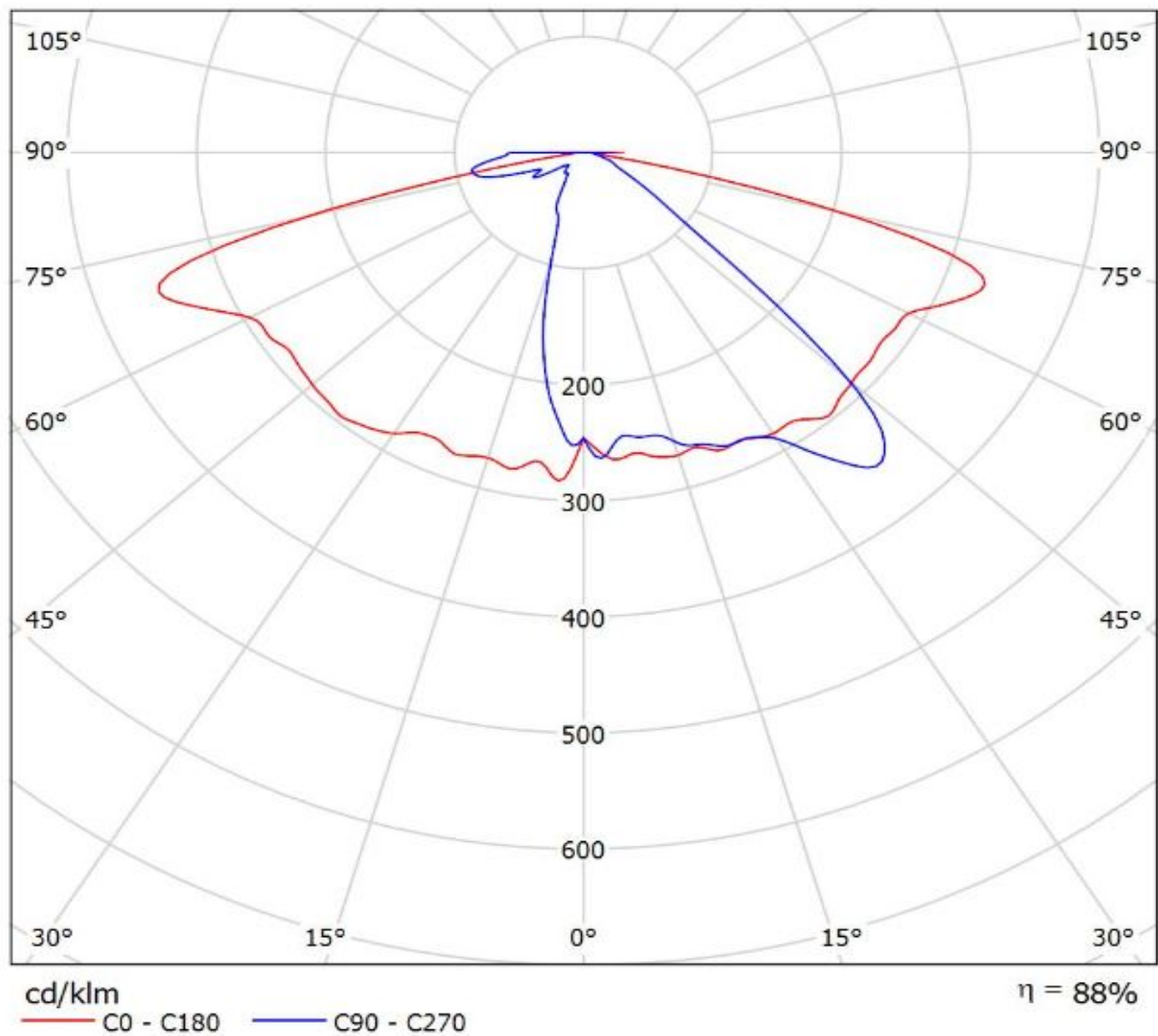
Lamps: 1 x Osram_Oslon_Square_Gen3_x12_(GW-CSSRM2.PM-MUNQ-A737-1)_1314.75lm@250mA_P=8.21892W_η=0.25A



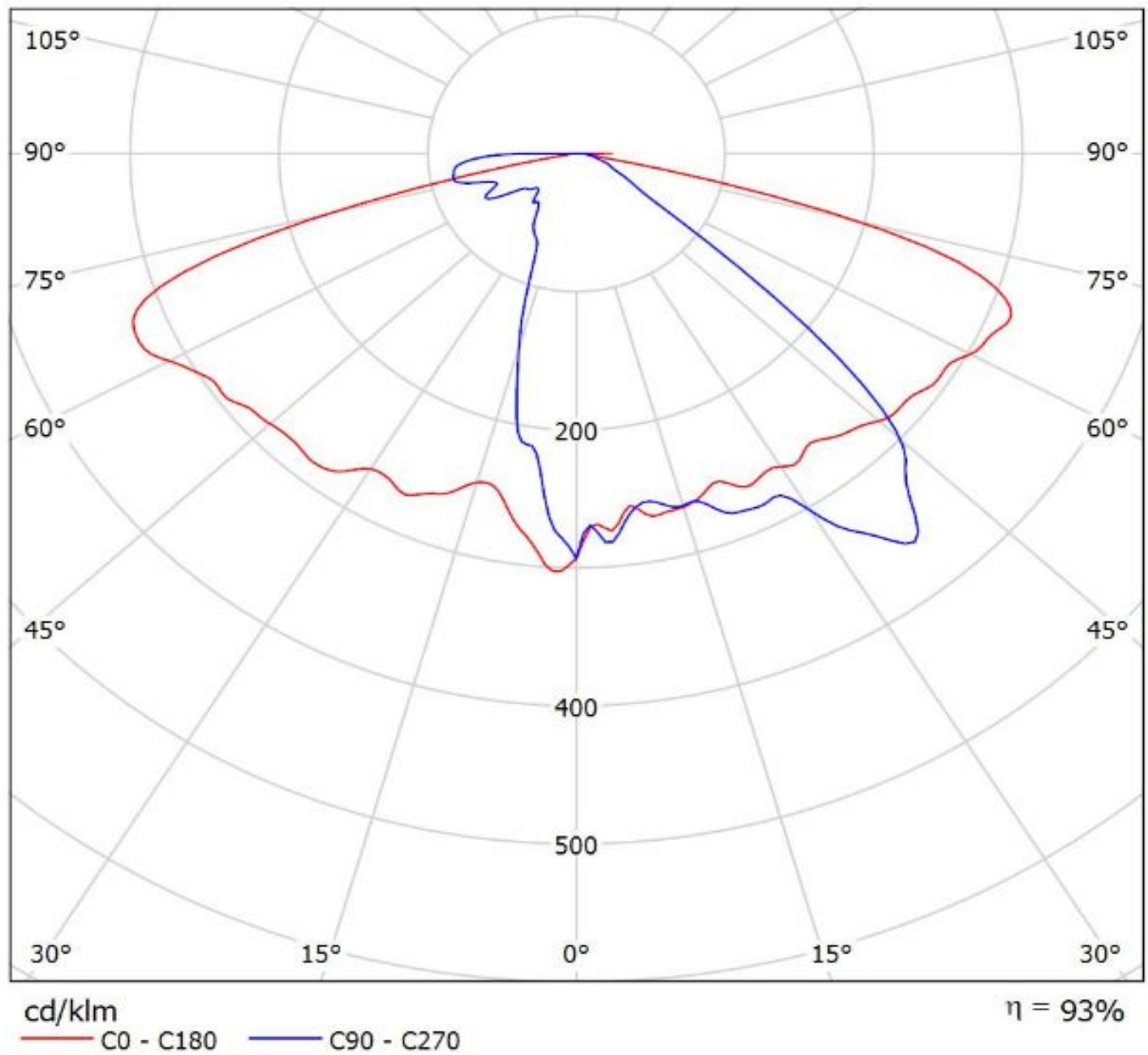
Luminaire: LEDiL Oy CS14144_STRADA-IP-2X6-ME_Fortimo FastFlex LED board 2x6 DP G4
Lamps: 1 x Fortimo FastFlex LED board 2x6 DP G4



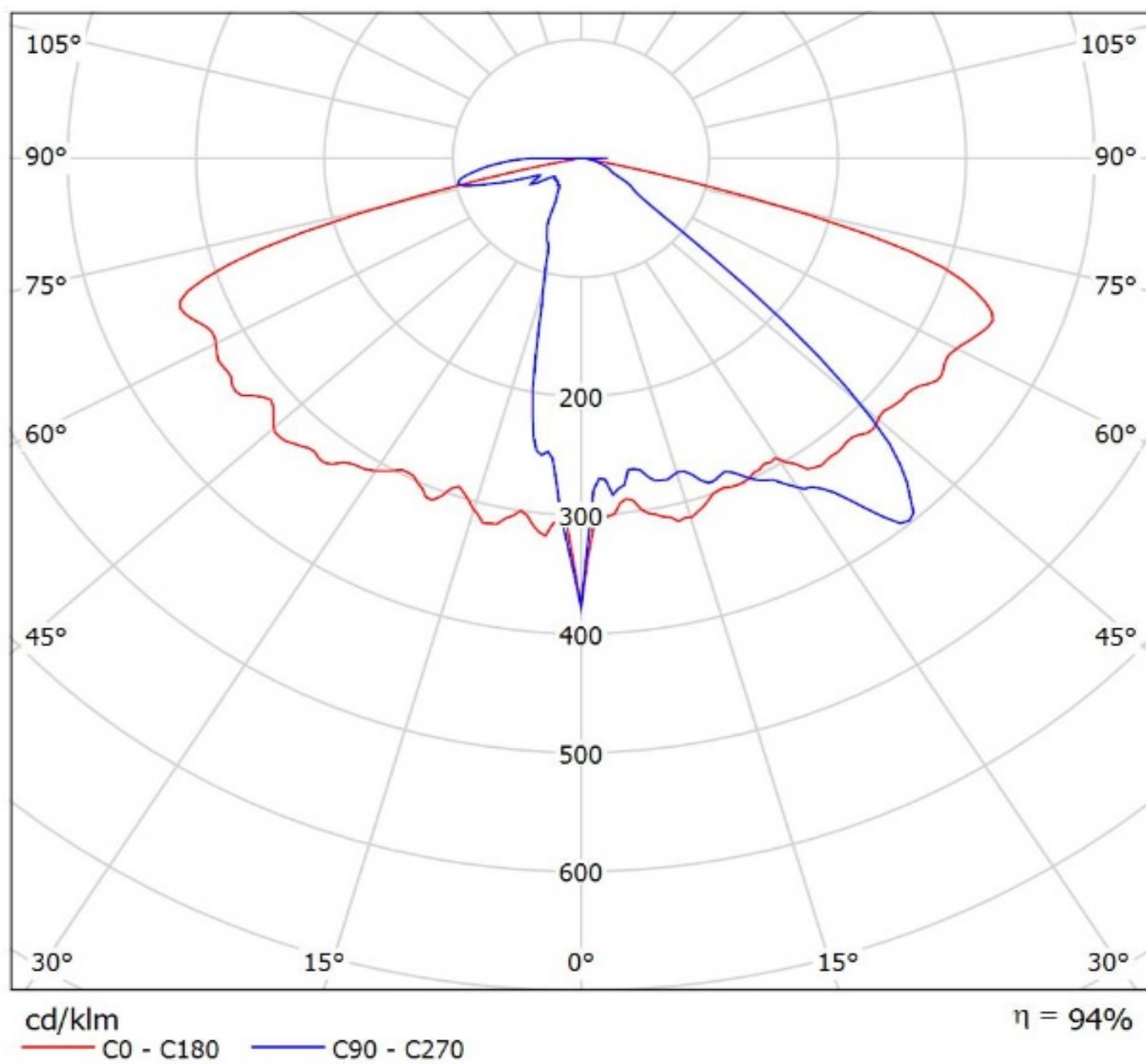
Luminaire: Ledil Oy CS14144_STRADA-IP-2X6-ME_Fortimo FastFlex LED board 2x6 DPX
G4_SIMULATED
Lamps: 1 x Fortimo FastFlex LED board 2x6 DPX G4



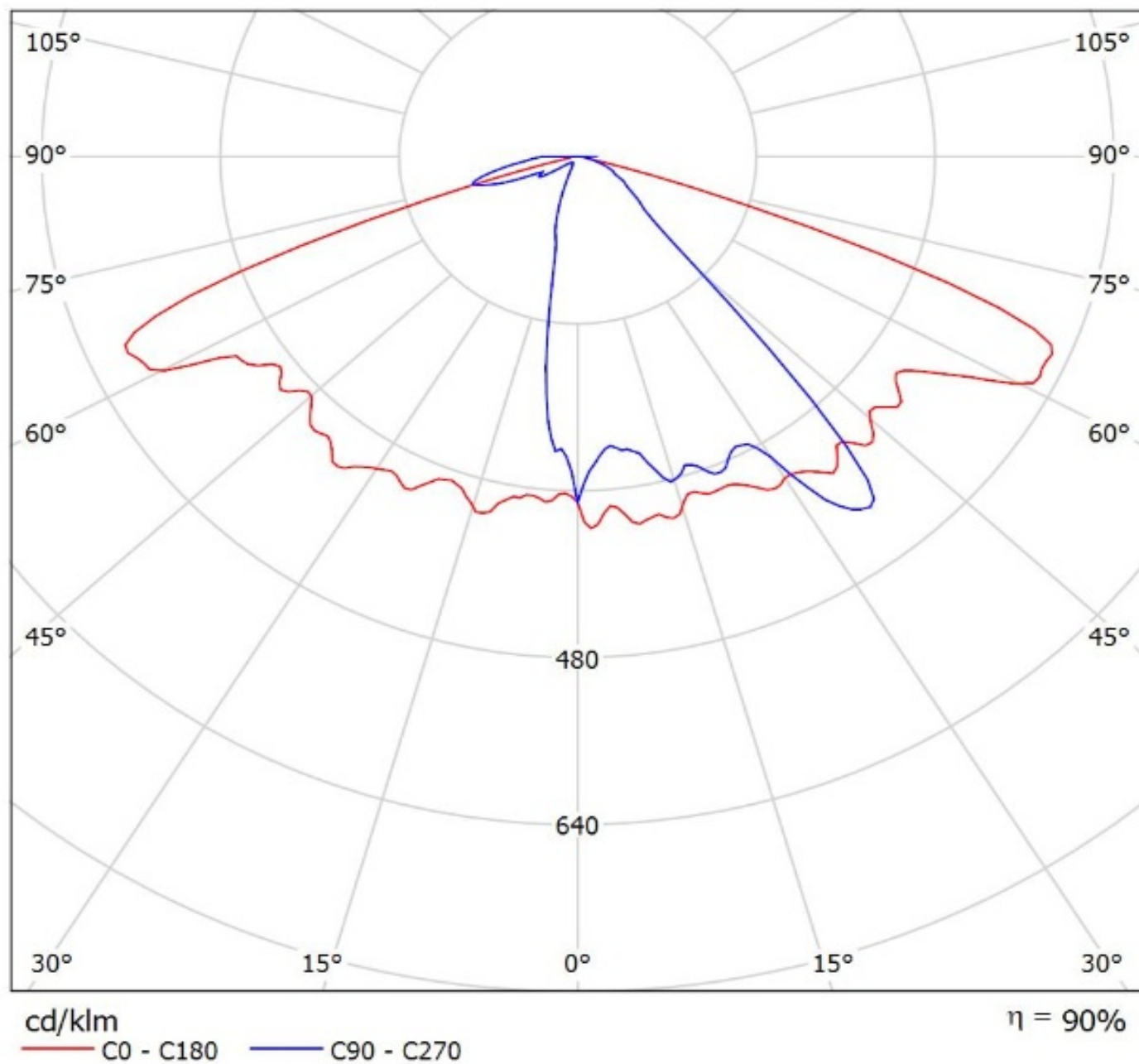
Luminaire: Ledil Oy CS14144_STRADA-IP-2X6-ME_(LH351D)_SIMULATED
Lamps: 1 x Samsung LH351D



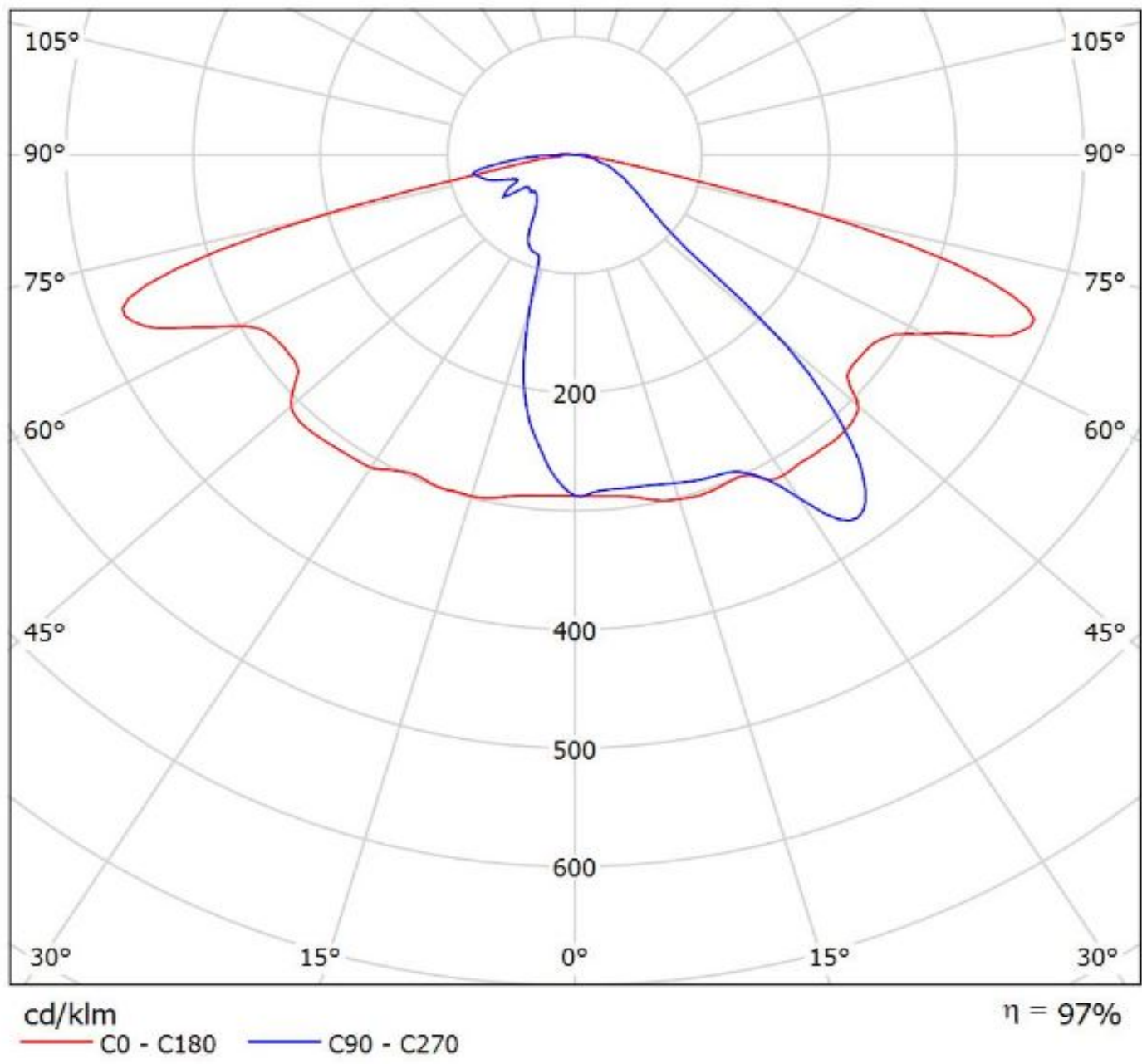
Luminaire: Ledil Oy CS14144_STRADA-IP-2X6-ME_SIMULATED
Lamps: 1 x SAMSUNG_LH351B



Luminaire: Ledil Oy CS14144_STRADA-IP-2X6-ME_(Z5M1)_SIMULATED
Lamps: 1 x Seoul Z5M1

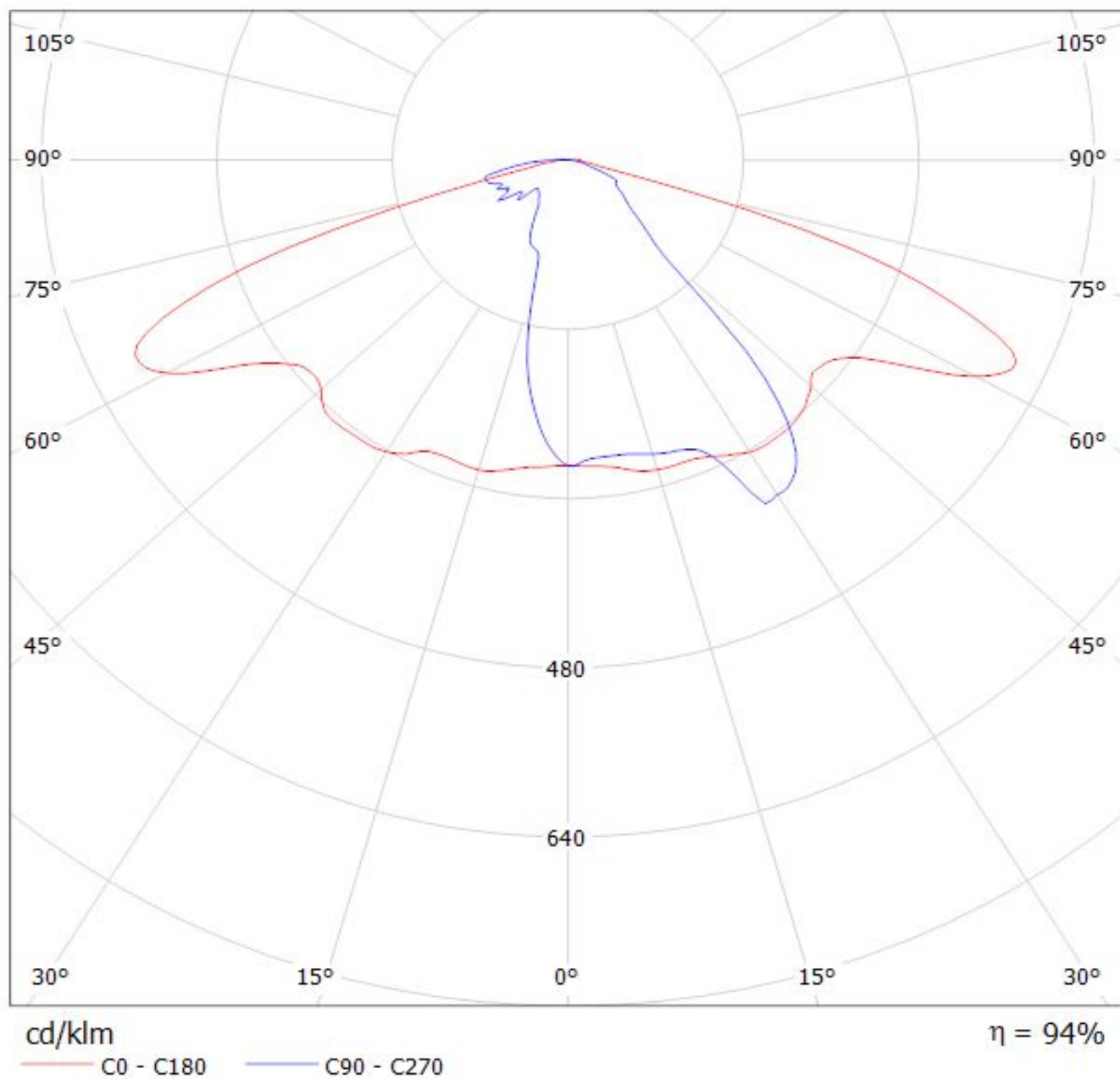


Luminaire: Ledil CS14144_STRADA-IP-2X6-ME_(Z8Y22_PLUS)
Lamps: 1 x Seoul_Z8Y22_PLUS_2X6_(SZ8-Y22-W0-C7P)1489.65lm@250mA_P=8.30675W_I=0.250A



Luminaire: LEDiL Oy CS14144_STRADA-IP-2X6-ME_(SMJQ-D36W12Mx)

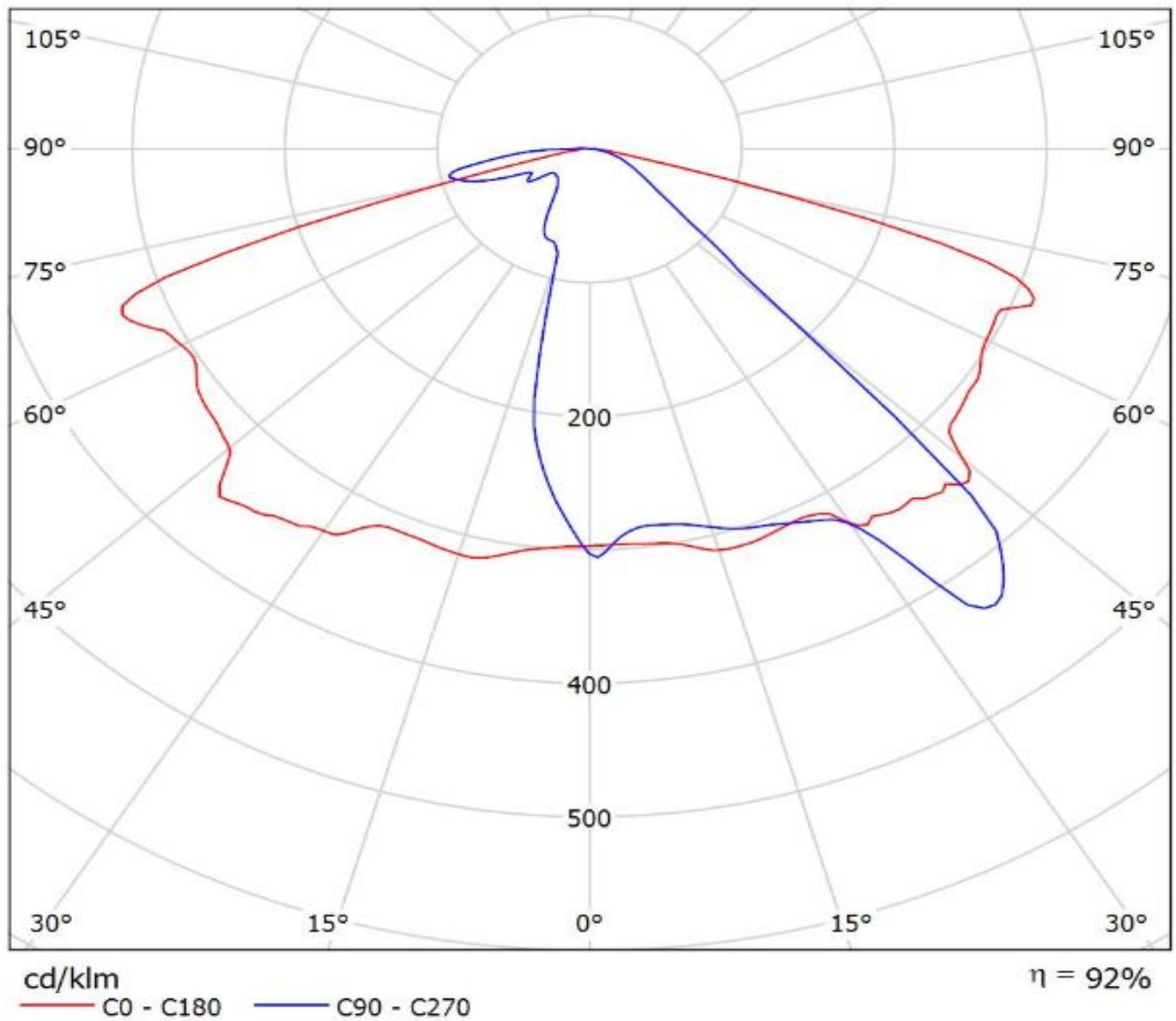
Lamps: 1 x Seoul_SMJQ-D36W12Mx_3765.02@700mA_P=23.6218W_I=0.25A



Ledil CS14144_STRADA-IP-2X6-ME_(TL1L4) / LDC (Polar)

Luminaire: Ledil CS14144_STRADA-IP-2X6-ME_(TL1L4)

Lamps: 1 x Toshiba_TL1L4_2x6_(TL1L4-DW0)_1346.96lm@250mA_CCT=6500K_P=8.5W_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.