

DETAILS

Product Number	CS14143_STRADA-IP-2X6-T3
Family	Strada
Type	Assembly
Color	clear
Diameter	71,4x173 mm
Height	8,5 mm
Style	rectang
Optic Material	PMMA
Holder Material	
Fastening	screw
Status	production ready
ROHS Compliant	Yes
Date Updated	14/02/2018



OPTICAL PROPERTIES

LED	Viewing	Light	Efficiency	cd/lm	Connector
	Angle	Beam			
SMD 5050	Asymmetric deg	Asymmetric	94 %	0.520	-
XT-E	Asymmetric deg	Asymmetric	94 %	0.600	-
XP-G2	Asymmetric deg	Asymmetric	94 %	0.600	-
XP-L	Asymmetric deg	Asymmetric	94 %	0.580	-
XHP35 HD	sim: Asymmetric	Asymmetric	sim: 88 %	sim: 0.500	-
XHP35 HI	sim: Asymmetric	Asymmetric	sim: 90 %	sim: 0.520	-
XP-G3	sim: Asymmetric	Asymmetric	sim: 88 %	sim: 0.550	-
XP-G3	Asymmetric deg	Asymmetric	94 %	0.600	-
XP-L2	Asymmetric deg	Asymmetric	94 %	0.530	-
H35C1 (LEMWA33)	Asymmetric deg	Asymmetric	94 %	0.570	-
LUXEON Z ES	Asymmetric deg	Asymmetric	94 %	0.780	-
LUXEON XR-TX (L2T0-xyy012M)	Asymmetric deg	Asymmetric	94 %	0.650	-
LUXEON 5050	sim: Asymmetric	Asymmetric	sim: 91 %	sim: 0.510	-
LUXEON V	Asymmetric deg	Asymmetric	93 %	0.600	-
NVSxx19B/NVSxx19C	Asymmetric deg	Asymmetric	94 %	0.640	-
NVSW219D	sim: Asymmetric	Asymmetric	sim: 94 %	sim: 0.000	-
Duris S8	Asymmetric deg	Asymmetric	94 %	0.510	-
OSCONIQ P 3737 (2W version)	sim: Asymmetric	Asymmetric	sim: 90 %	sim: 0.630	-
OSCONIQ P 3737 (3W version)	sim: Asymmetric	Asymmetric	sim: 93 %	sim: 0.520	-
Fortimo FastFlex LED board 2x6 DP G4	Asymmetric deg	Asymmetric	94 %	0.600	-
Fortimo FastFlex LED board 2x6 DPX G4	Asymmetric deg	Asymmetric	94 %	0.600	-
LH351Z	Asymmetric deg	Asymmetric	94 %	0.580	-
LH351B	sim: Asymmetric	Asymmetric	sim: 93 %	sim: 0.520	-
LH351D	sim: Asymmetric	Asymmetric	sim: 93 %	sim: 0.480	-
Acrich MJT 4040	sim: Asymmetric	Asymmetric	-	-	-



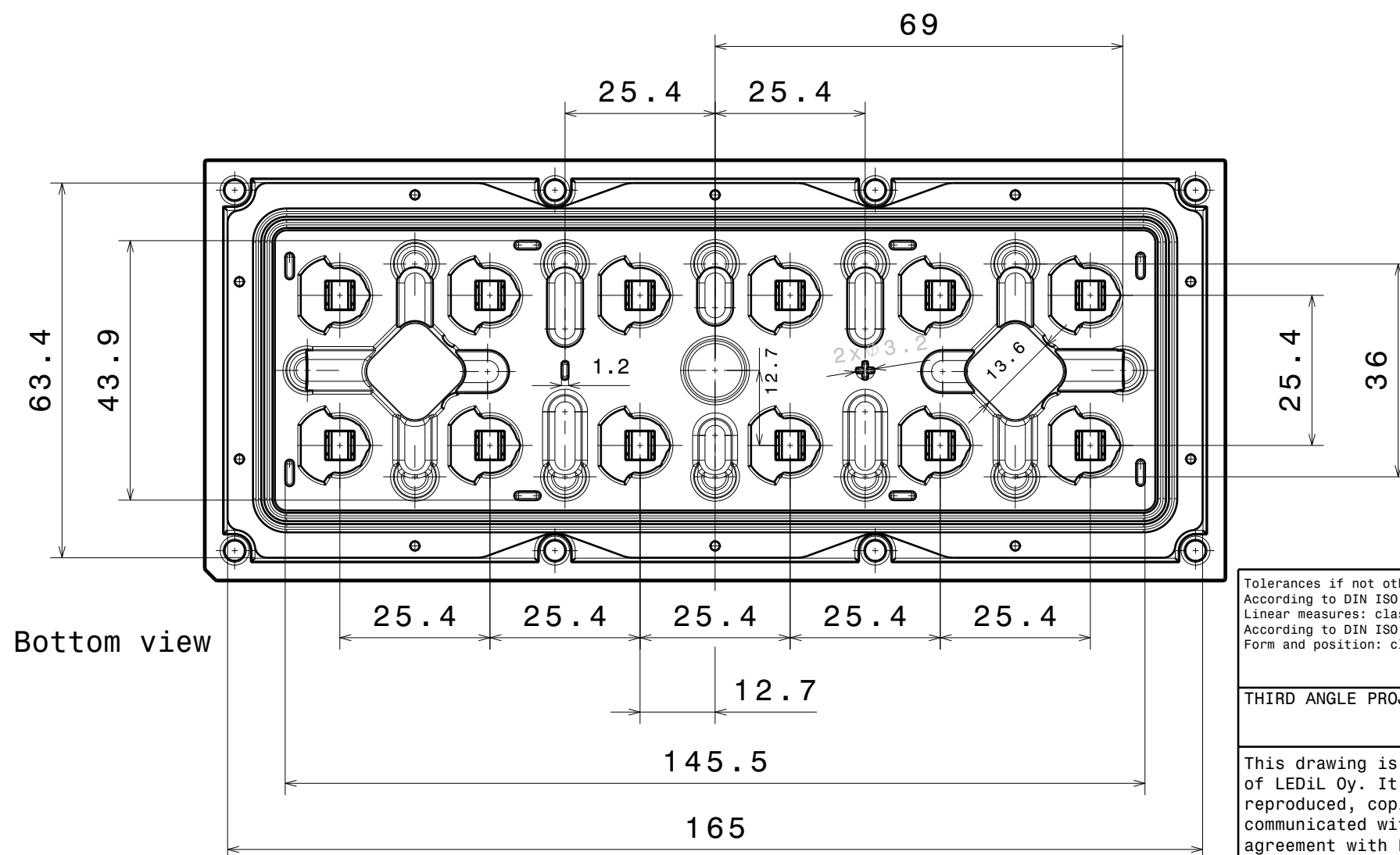
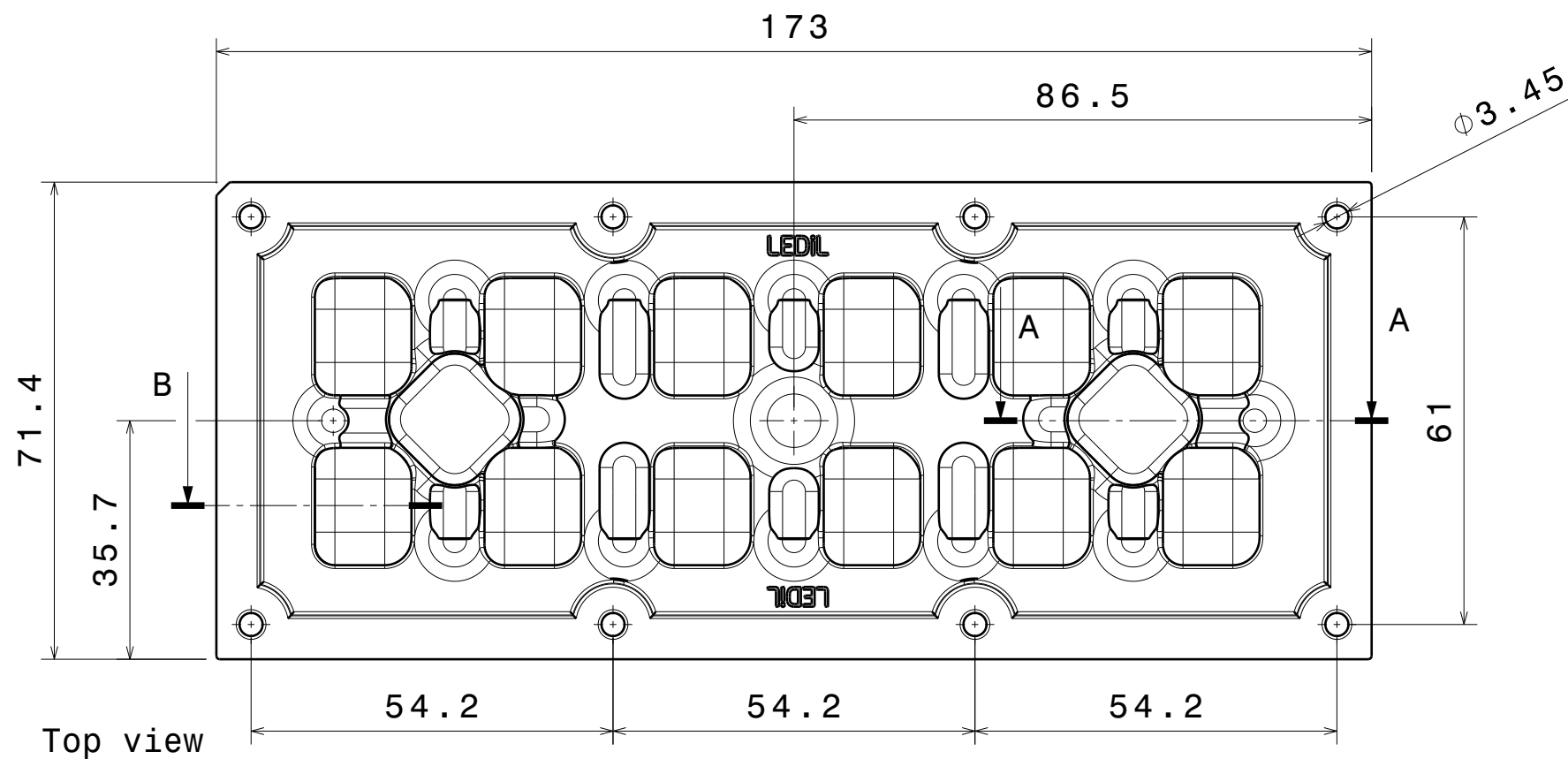
PRODUCT DATASHEET

Strada series

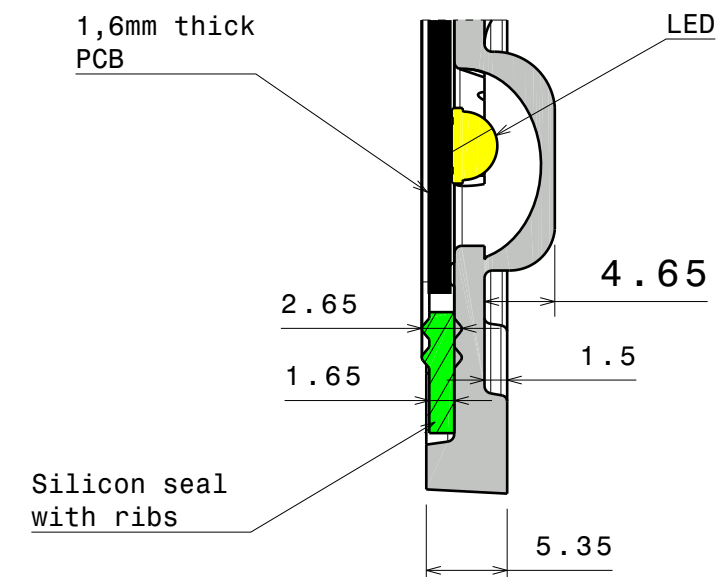
last update 14/2/2018

OPTICAL PROPERTIES

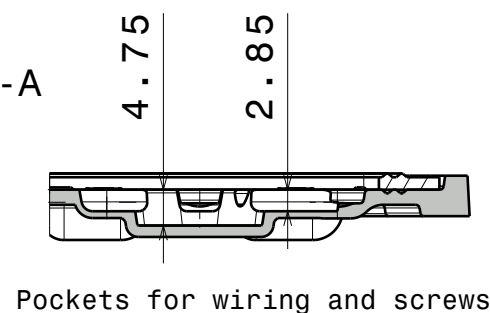
LED	Viewing Angle	Light Beam	Effi- ciency	cd/lm	Connector
Z5M1/Z5M2	sim: Asymmetric	Asymmetric	sim: 91 %	sim: 0.760	-
Z8Y22P	Asymmetric deg	Asymmetric	94 %	0.630	-
SMJQ-D36W12Px	Asymmetric deg	Asymmetric	94 %	0.630	-
SMJQ-D36W12Mx	Asymmetric deg	Asymmetric	94 %	0.700	-
Z8Y22	Asymmetric deg	Asymmetric	94 %	0.700	-
TL1L3	sim: Asymmetric	Asymmetric	sim: 86 %	-	-
TL1L2	sim: Asymmetric	Asymmetric	sim: 88 %	-	-



Section view B-B
Scale: 2:1



Section view A-A



INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	C14018	2X6-SEAL25	Silicone	white
2	C13364	STRADA-IP-2X6-T3	PMMA	clear

Tolerances if not otherwise shown
According to DIN ISO 2768-1
Linear measures: class M
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
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CS14143 STRADA-IP-2X6-T3

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SIZE	A3
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PART NUMBER

CS14143

SCALE

1:1

WEIGHT

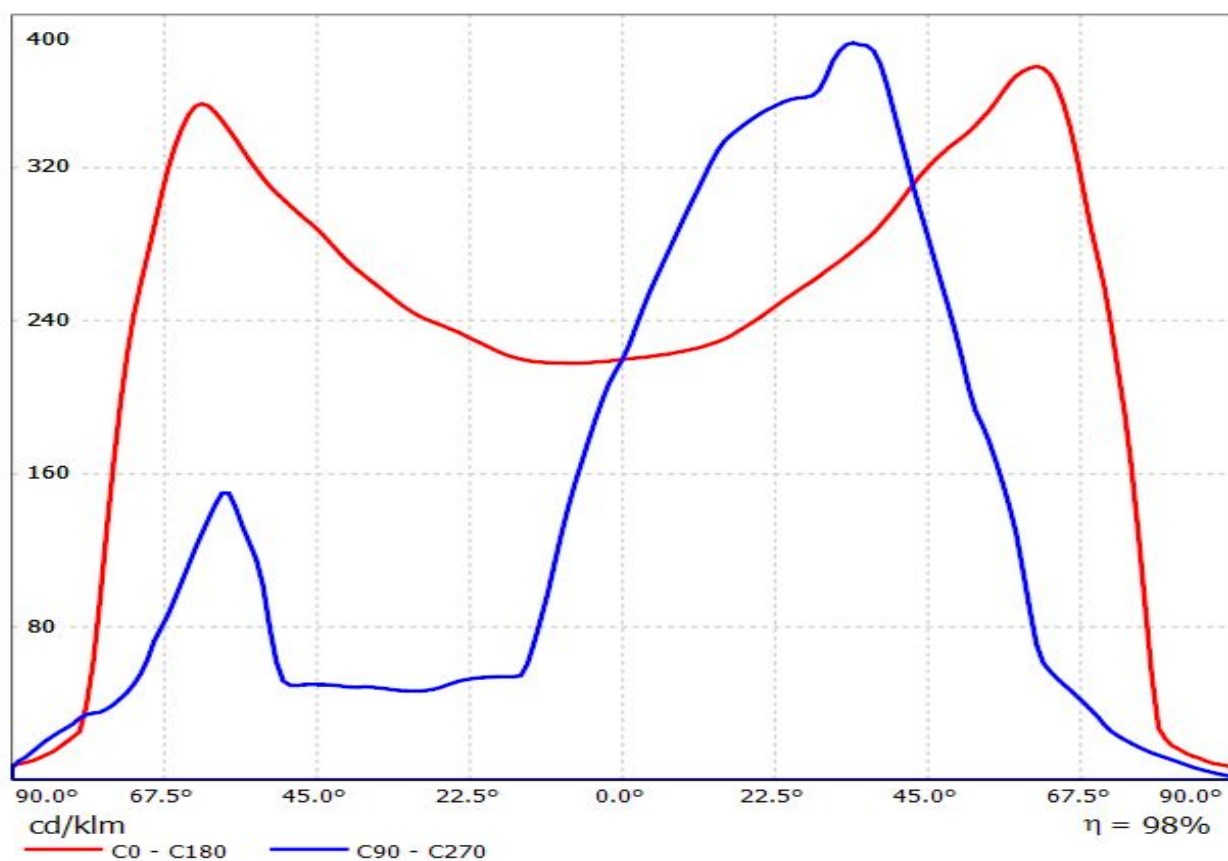
58,36 g

SHEET 1 / 2

1

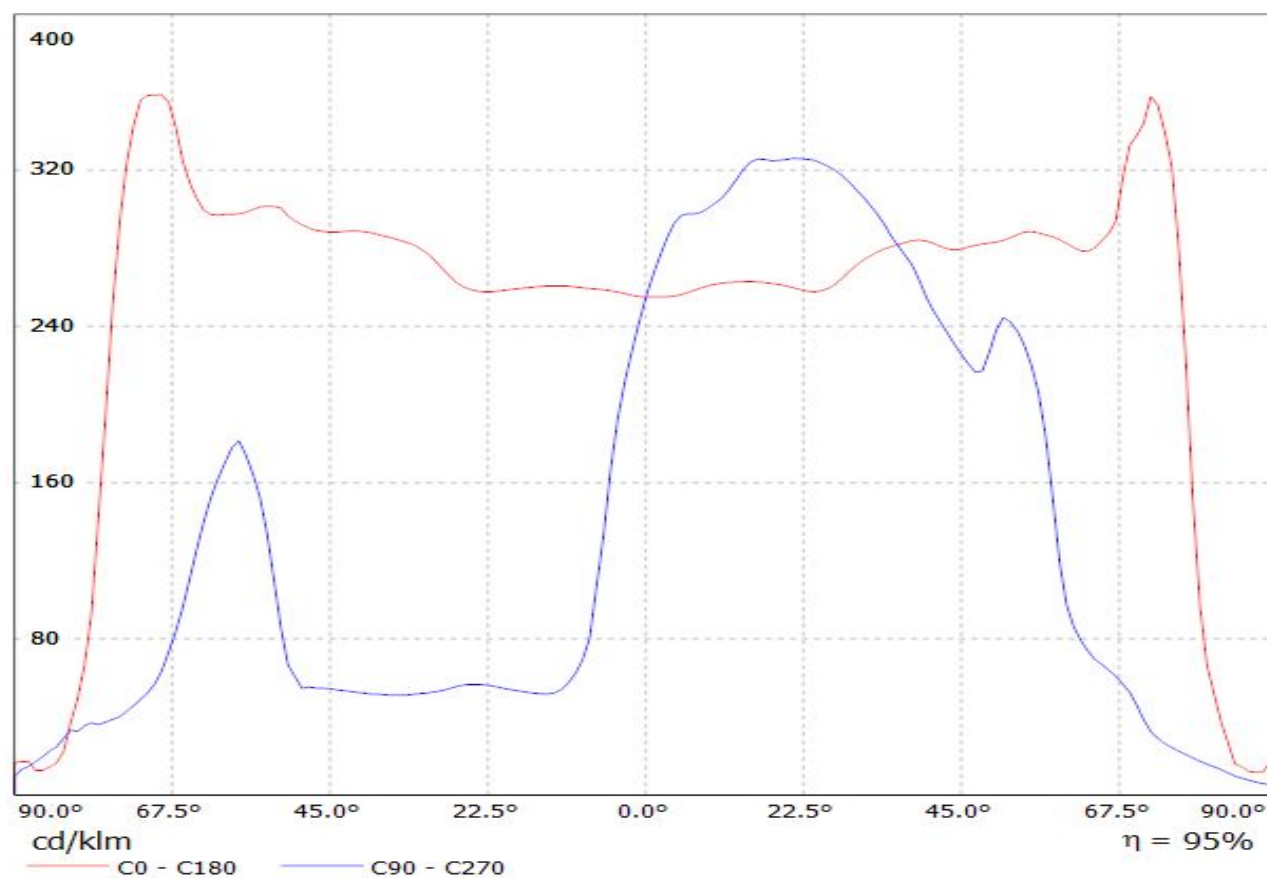
Luminaire: LEDiL Oy CS14143_STRADA-IP-2X6-T3_(Bridgelux_5050_Gen2)

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

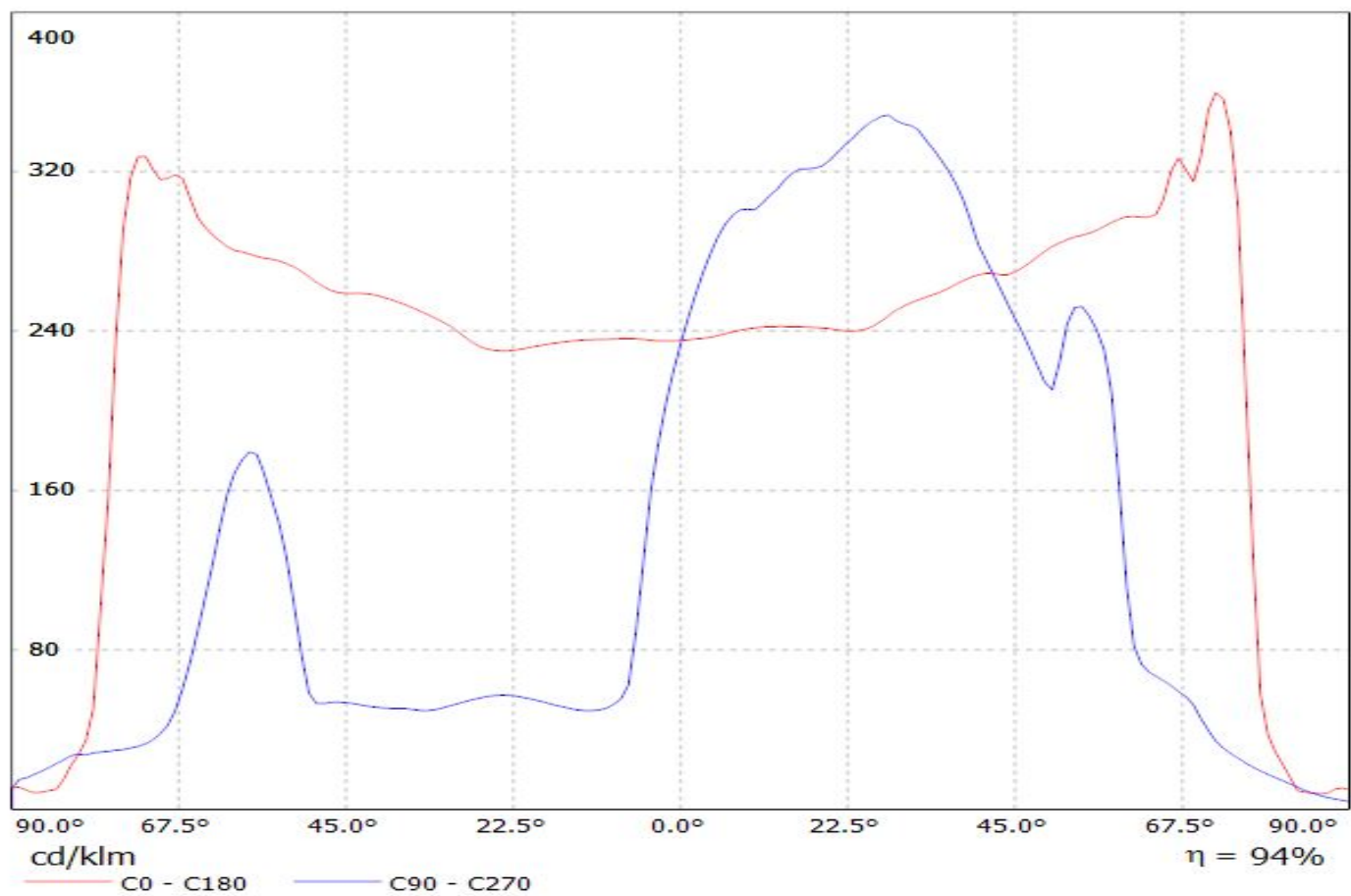


Luminaire: LEDiL Oy CS14143_STRADA-IP-2X6-T3

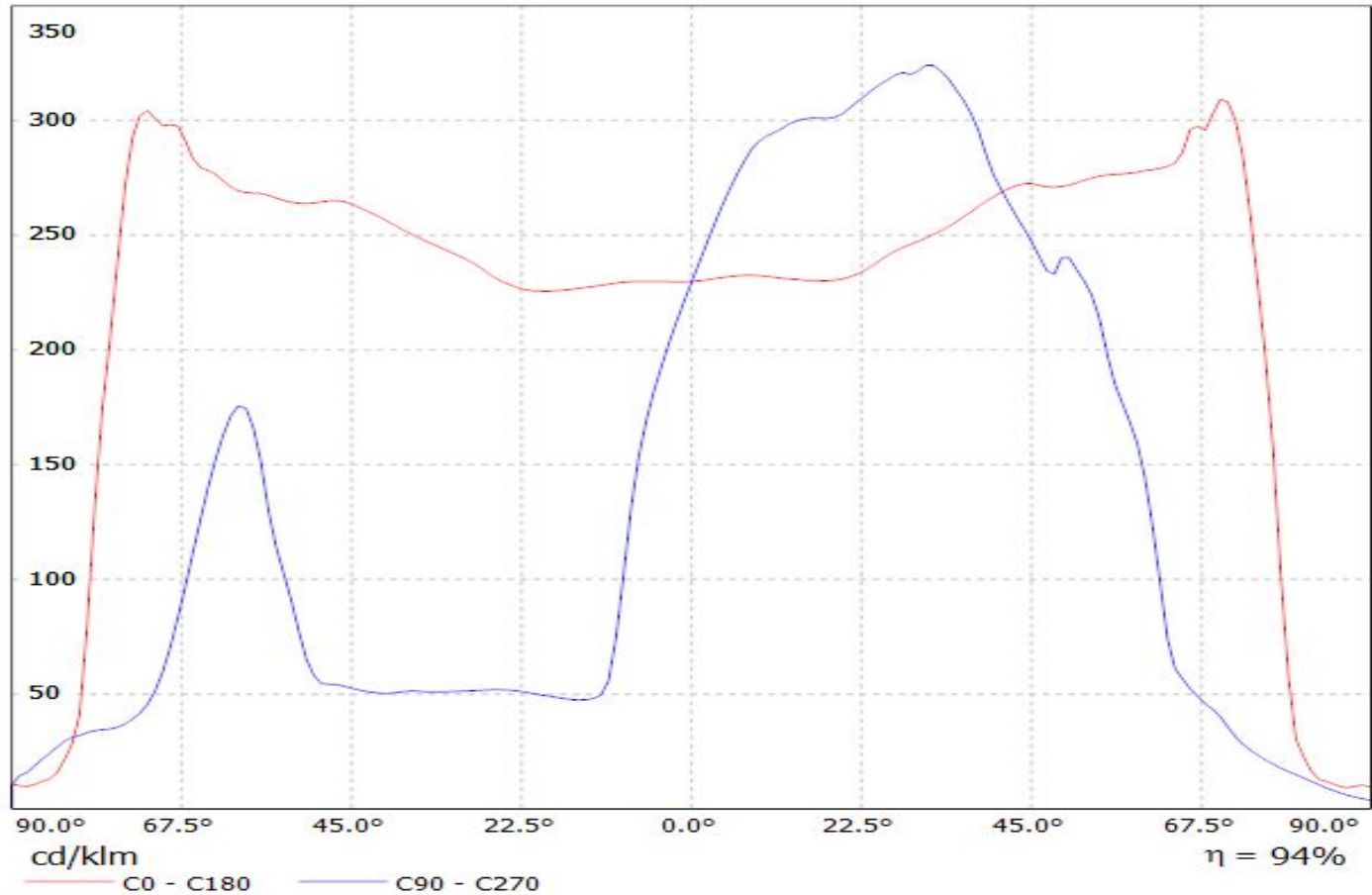
Lamps: 1 x CREE_XT-E_6x2_(XTEAWT-00-0000-000000HE4)_1253.92lm@250mA_P=8.86265W_I=249.8mA



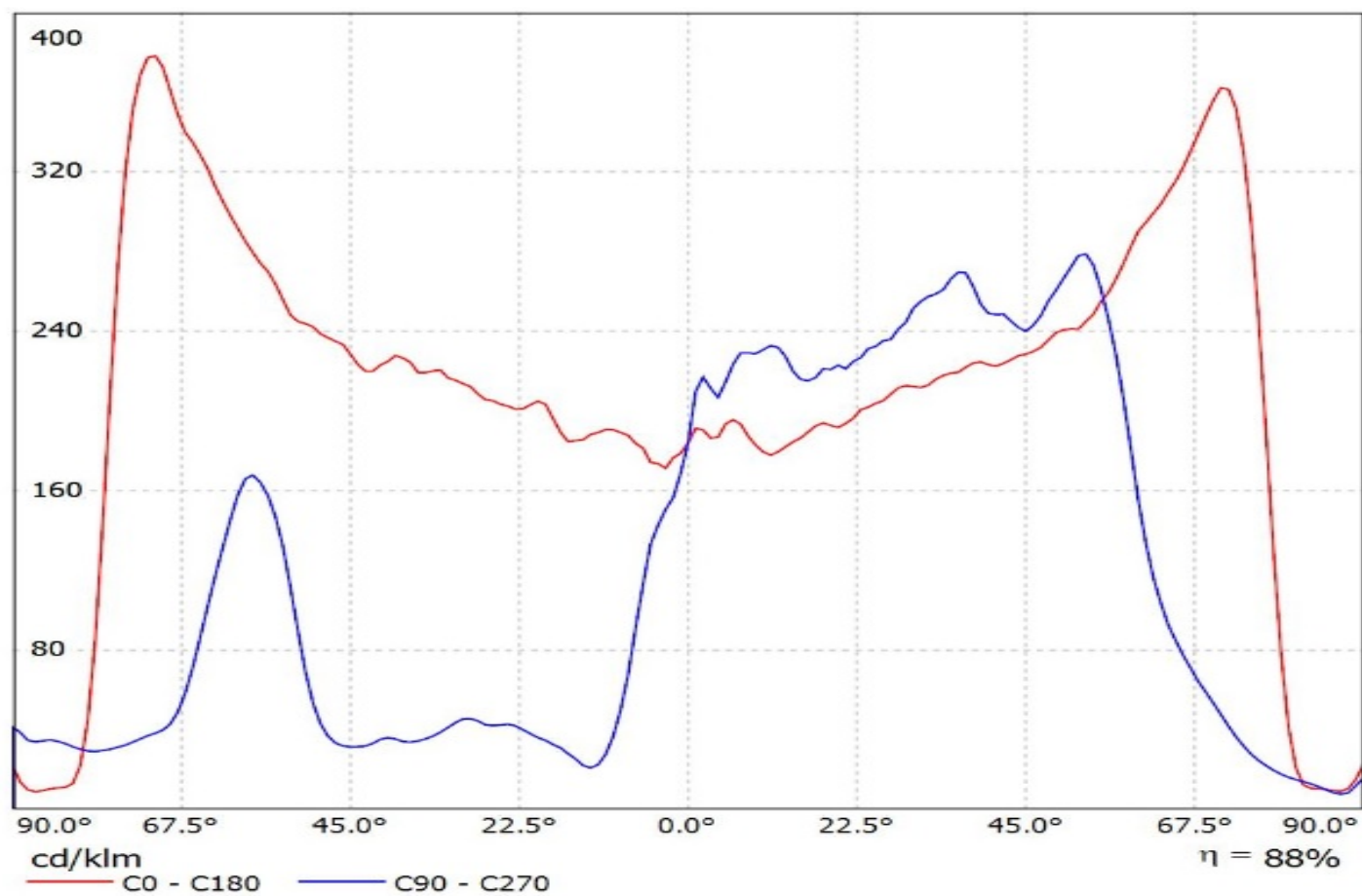
Luminaire: LEDiL Oy CS14143_STRADA-IP-2X6-T3_(XP-G2) Eff.94.1%
Lamps: 1 x CREE_XP-G2_1277.8lm@250mA_P=8.54291W_I=249.8mA



Luminaire: LEDiL Oy CS14143_STRADA-IP-2X6-T3_(XP-L) Eff.95.3%
Lamps: 1 x CREE_XP-L_2x6_(XPLAWT-0-7A3-U50-0H-0001)
_1270.8lm@250mA_P=8.22317W_I=249.8mA

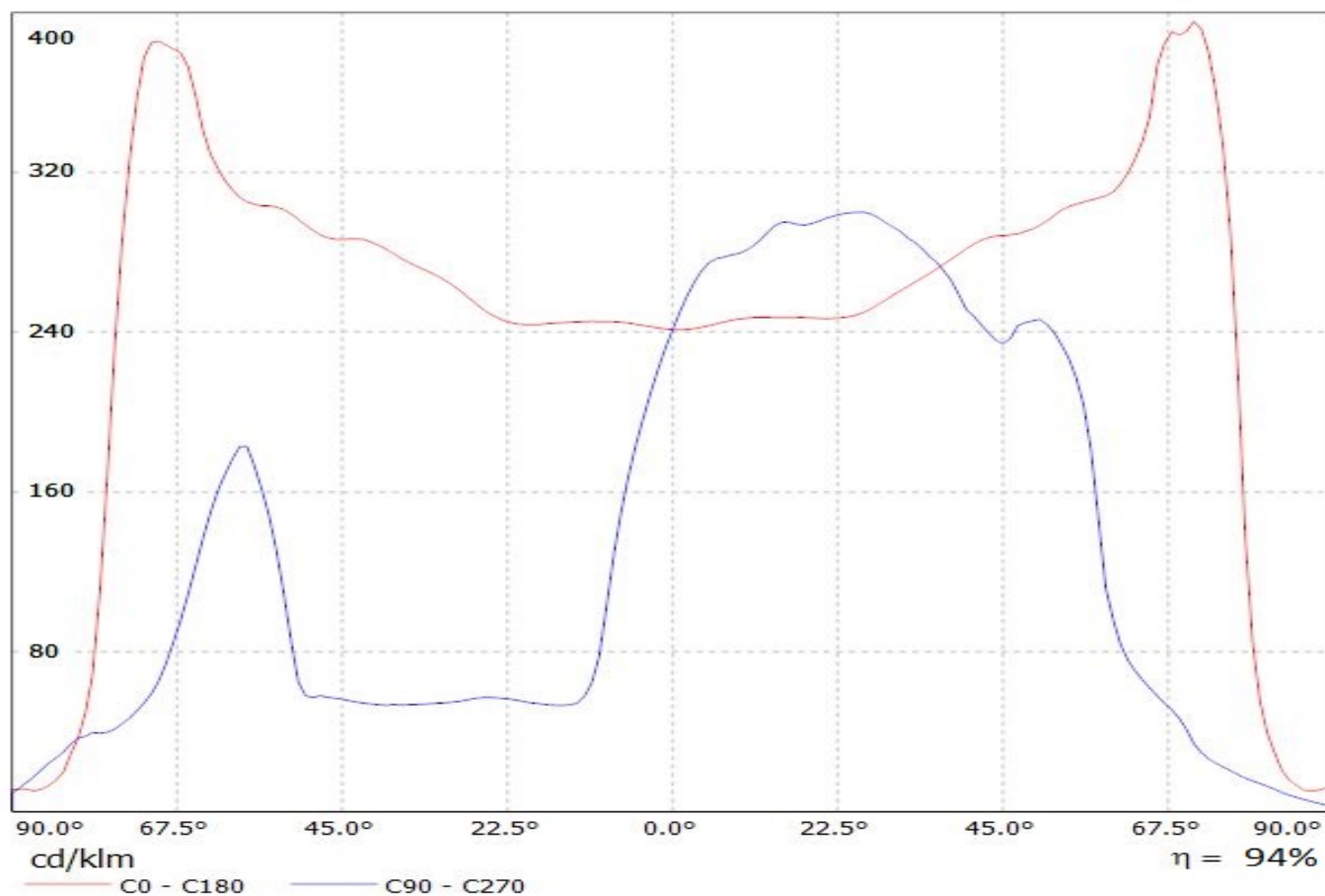


Luminaire: Ledil Oy CS14143_STRADA-IP-2X6-T3_(XP-G3)_SIMULATED
Lamps: 1 x Cree XP-G3

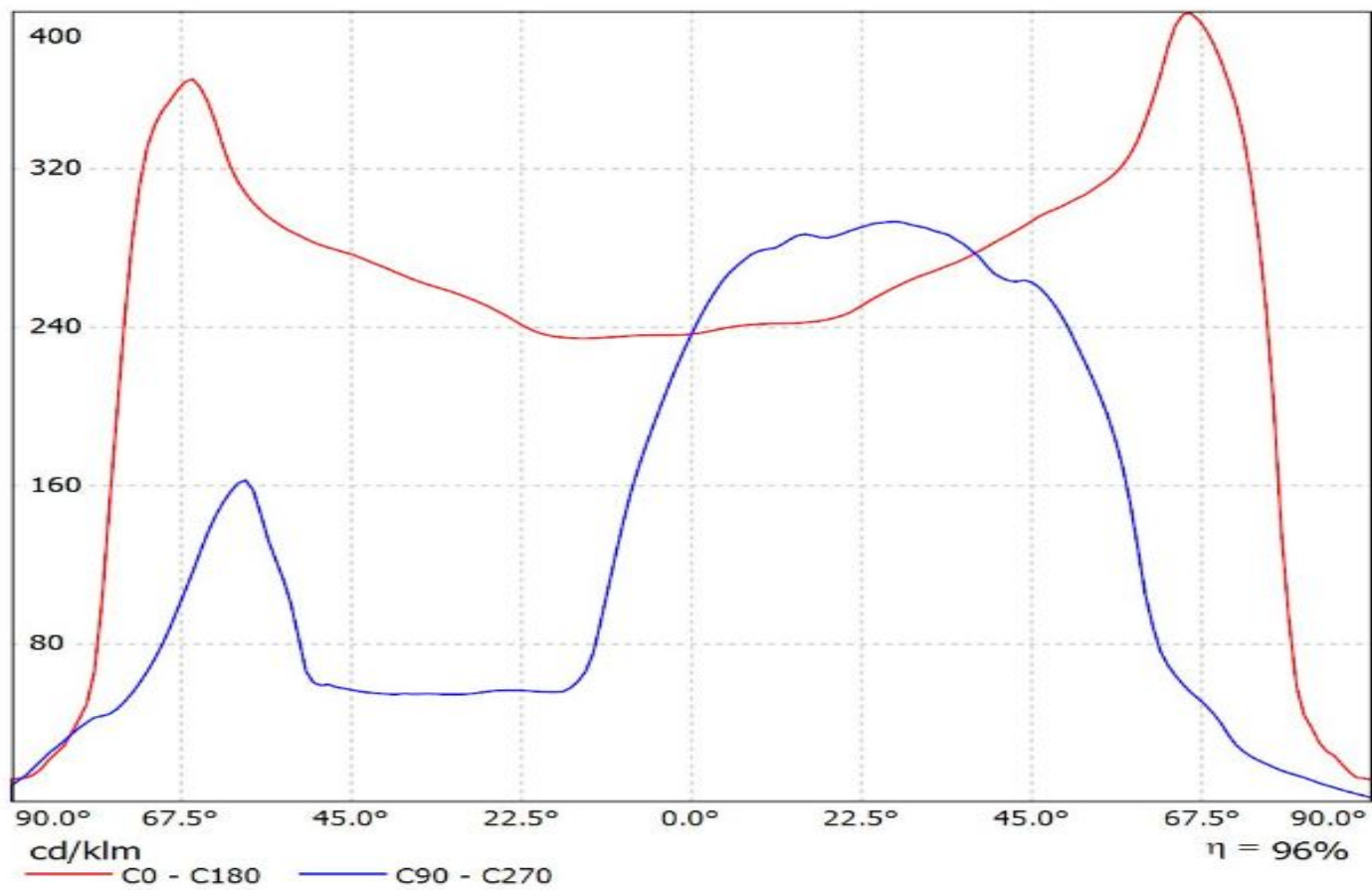


Luminaire: Ledil CS14143_STRADA-IP-2x6-T3_(XP-G3)

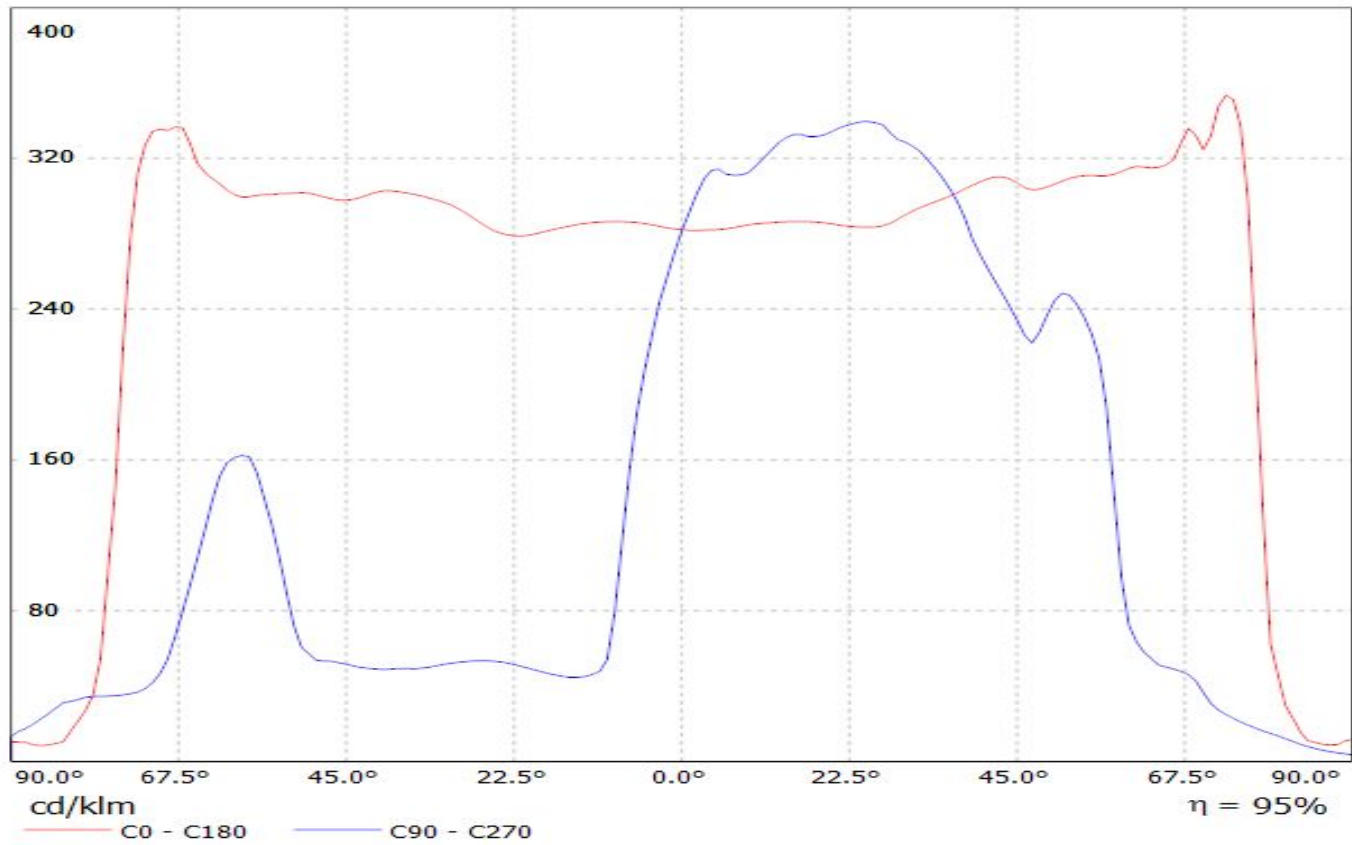
Lamps: 1 x Cree_XP-G3_6x2_(XPGDWT-B1-6C1-S3-0-01)_1521.26lm@250mA_P=8.253W_I=0.25A



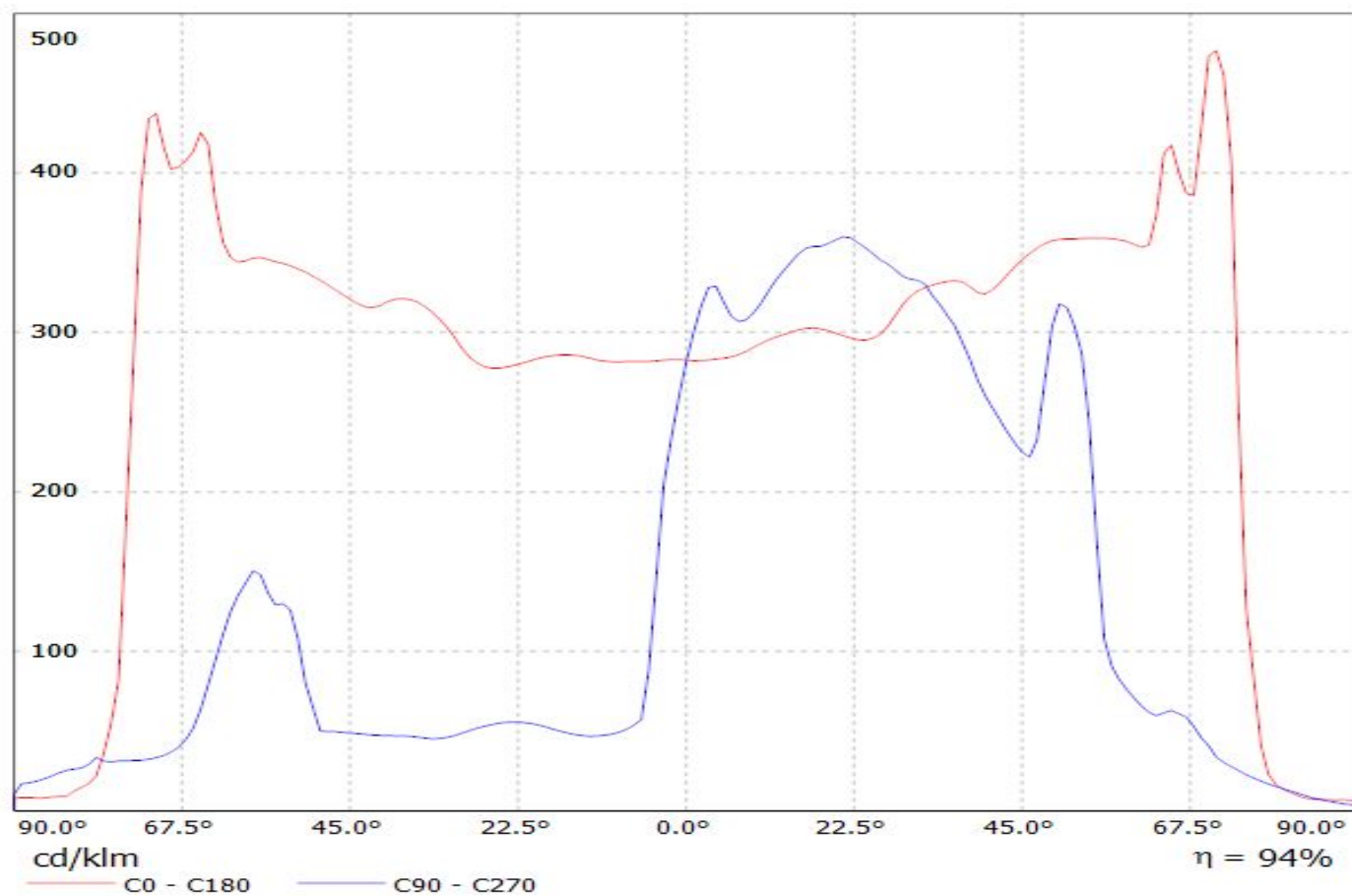
Luminaire: Ledil CS14143_STRADA-IP-2X6-T3_(XP-L2)
Lamps: 1 x Cree_XP-L2x12_(XPGBWT-H1-3B0-R5-0-01)
1666.32lm@250mA_CCT=5000_P=8.239W_I=0.25A



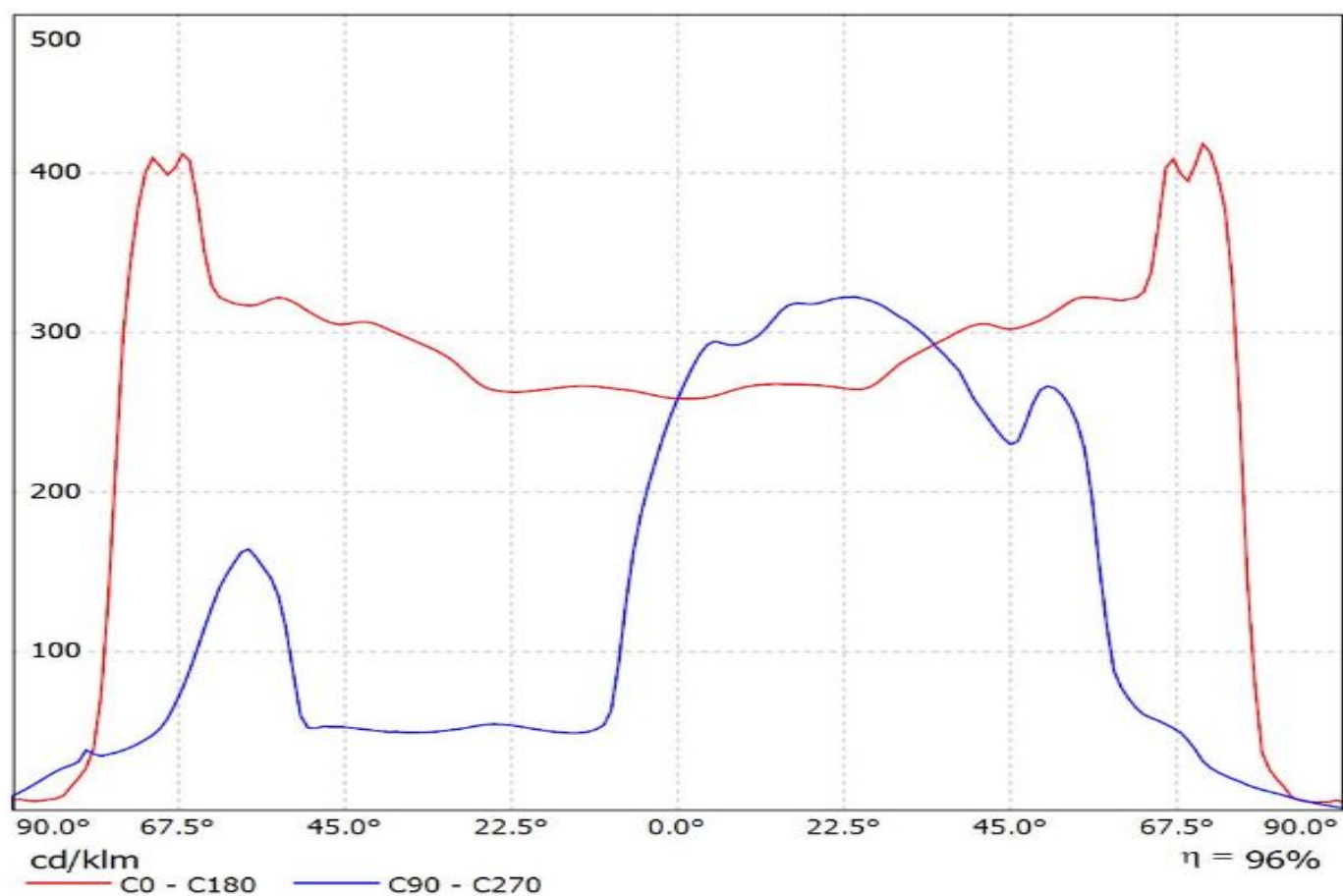
Luminaire: LEDiL Oy CS14143_STRADA-IP-2X6-T3_(LG_3535_H35C1)
Lamps: 1 x LG_3535_H35C1_2x6_1360.63lm@250mA_P=8.55408W_I=249.9mA



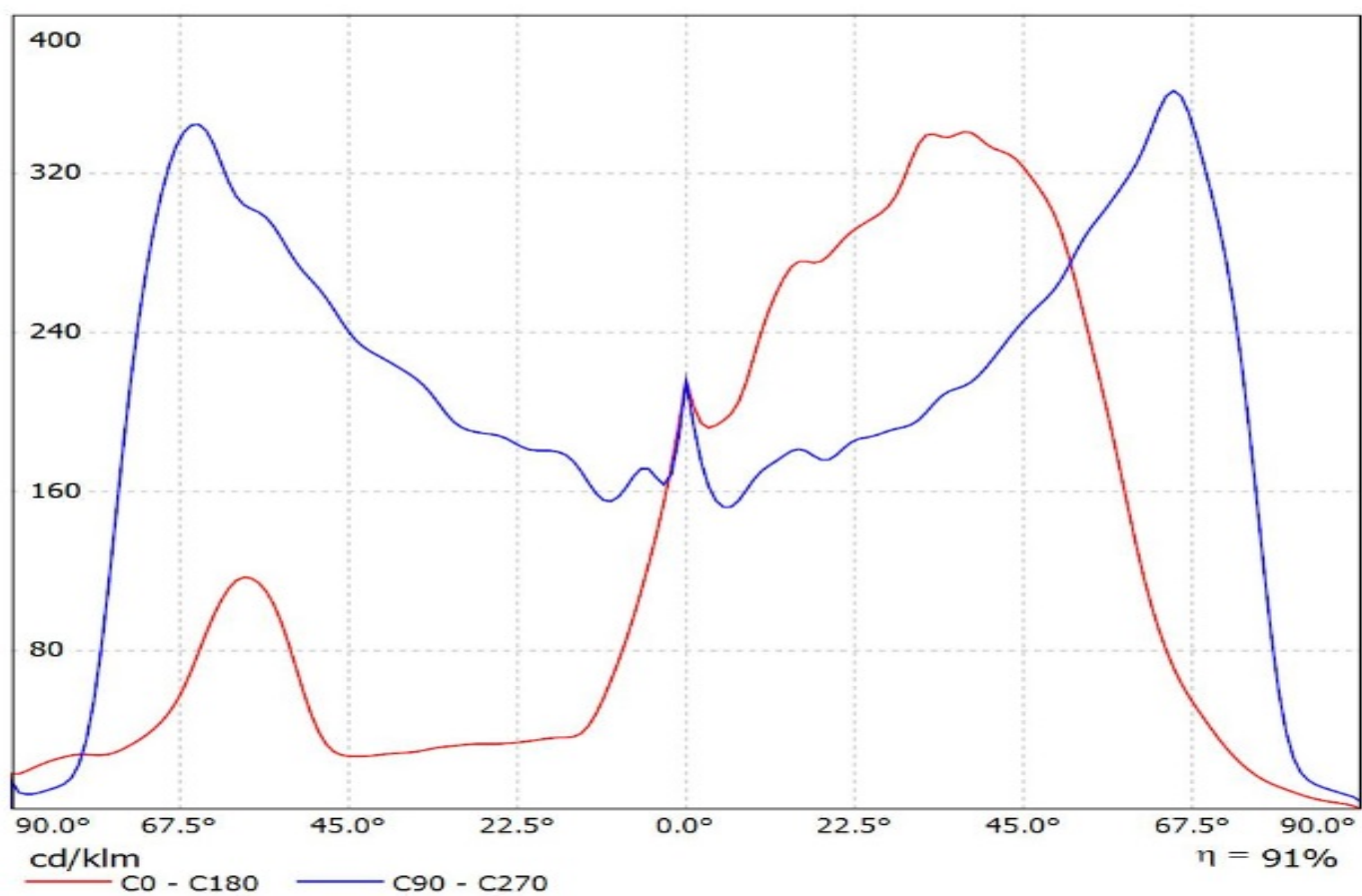
Luminaire: LEDiL Oy CS14143_STRADA-IP-2X6-T3 (LUXEON_Z_ES) Eff.94.0%
Lamps: 1 x LUXEON_Z_ES_984.3lm@250mA_P=8.31159W_I=249.8mA



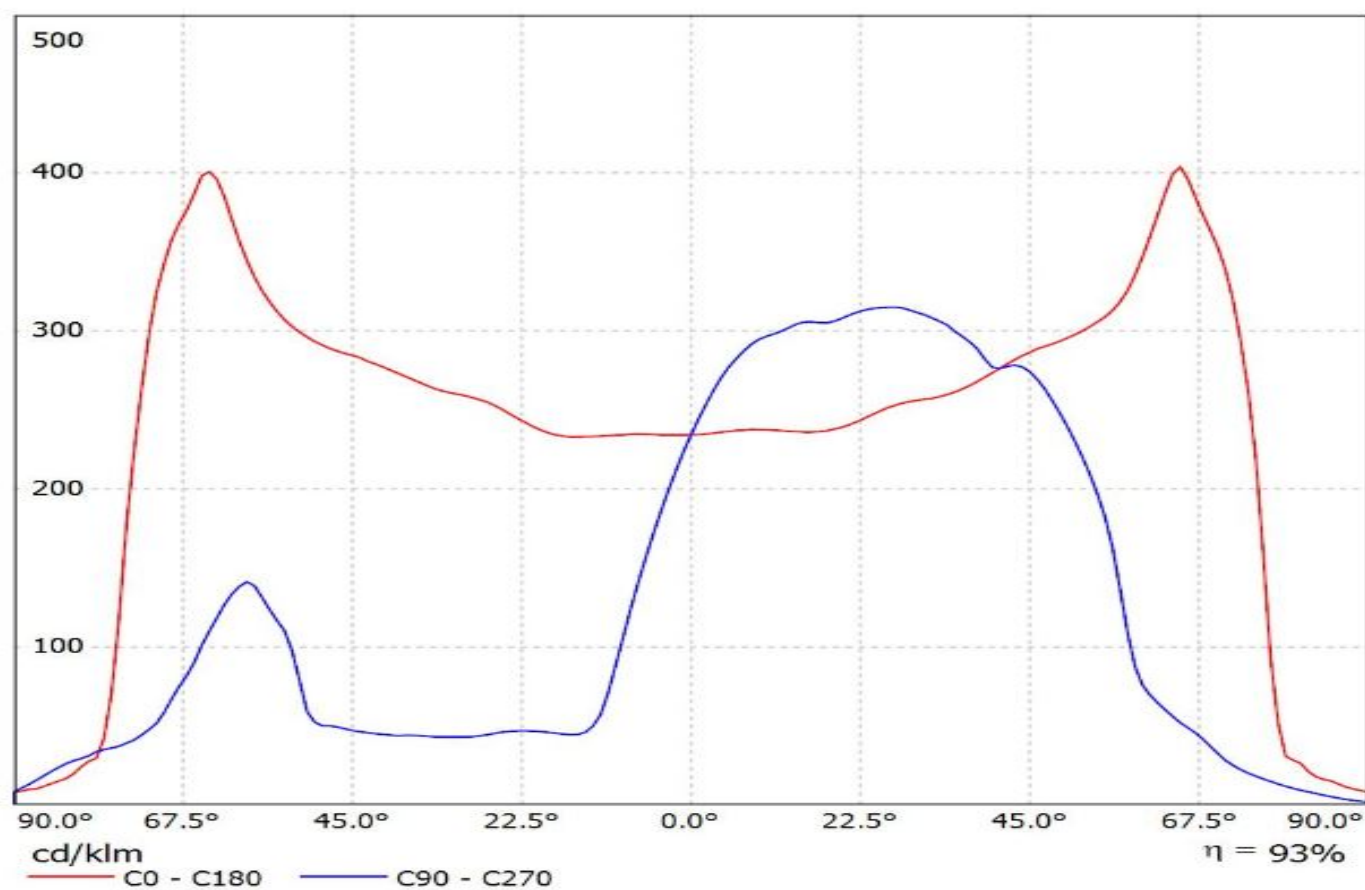
Luminaire: Ledil CS14143_STRADA-IP-2X6-T3_(XR-TX)
Lamps: 1 x Luxeon_XR-TX_1377.67lm@250mA_P=8.3973W_I=0.250A



Luminaire: Ledil Oy CS14143_STRADA-IP-2X6-T3_LUXEON-5050_SIMULATED
Lamps: 1 x Lumileds Luxeon 5050

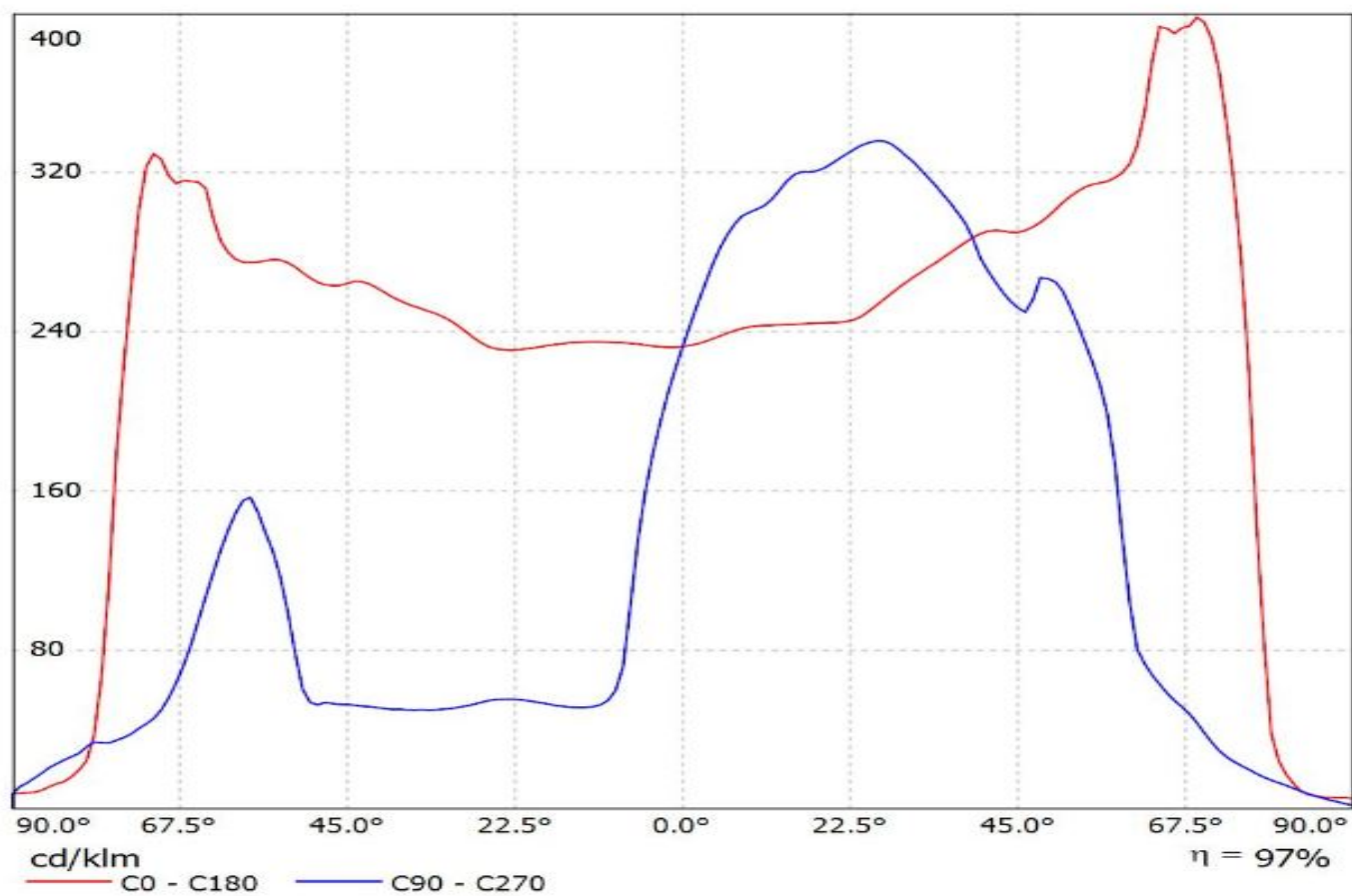


Luminaire: Ledil CS14143_STRADA-IP-2X6-T3_(Luxeon_V)
Lamps: 1 x Lumileds_Luxeon_V_1451.2lm@250mA_P=8.20297W

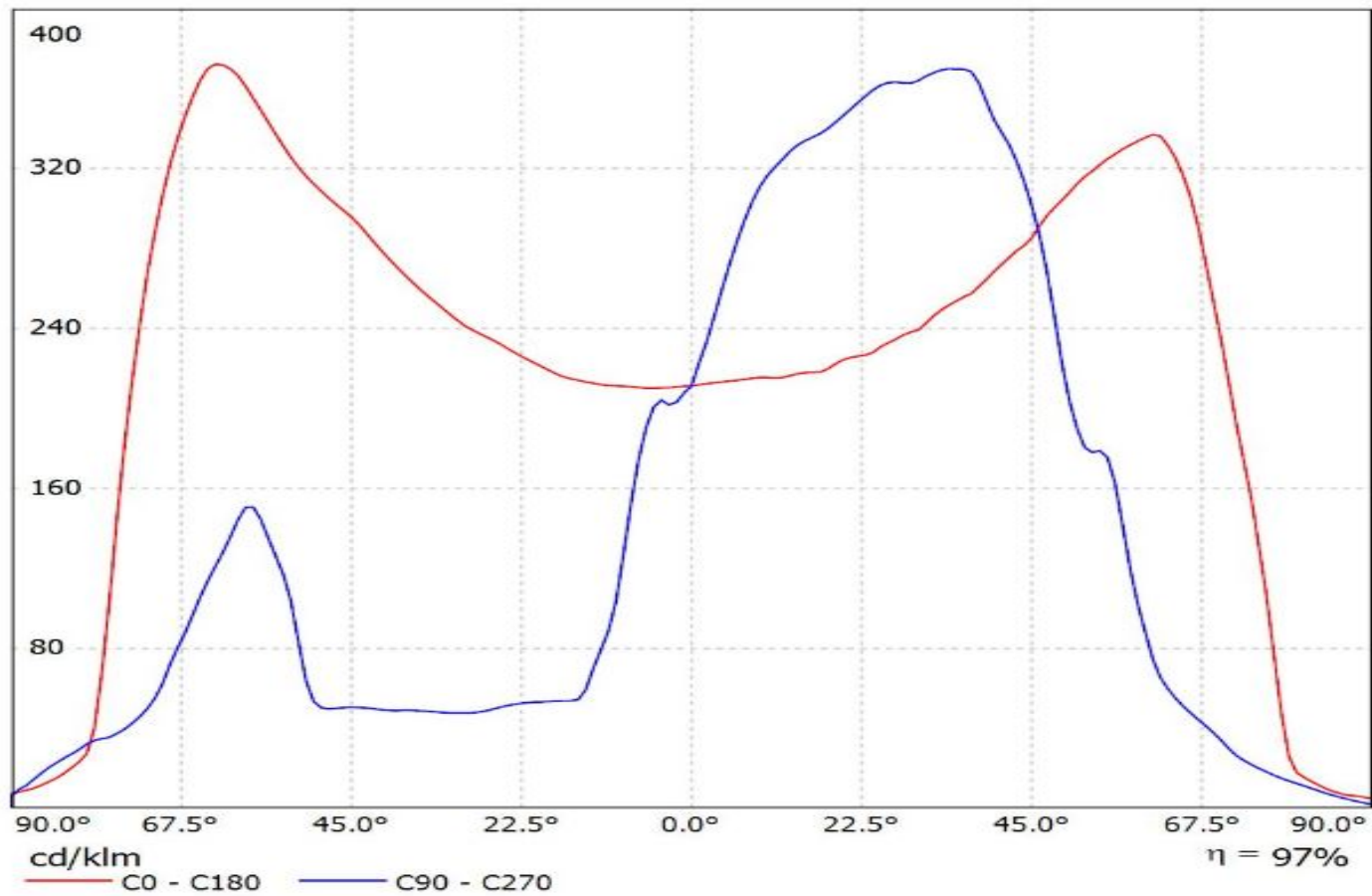


Luminaire: Ledil CS14143_STRADA-IP-2X6-T3_(NVSL219CT)

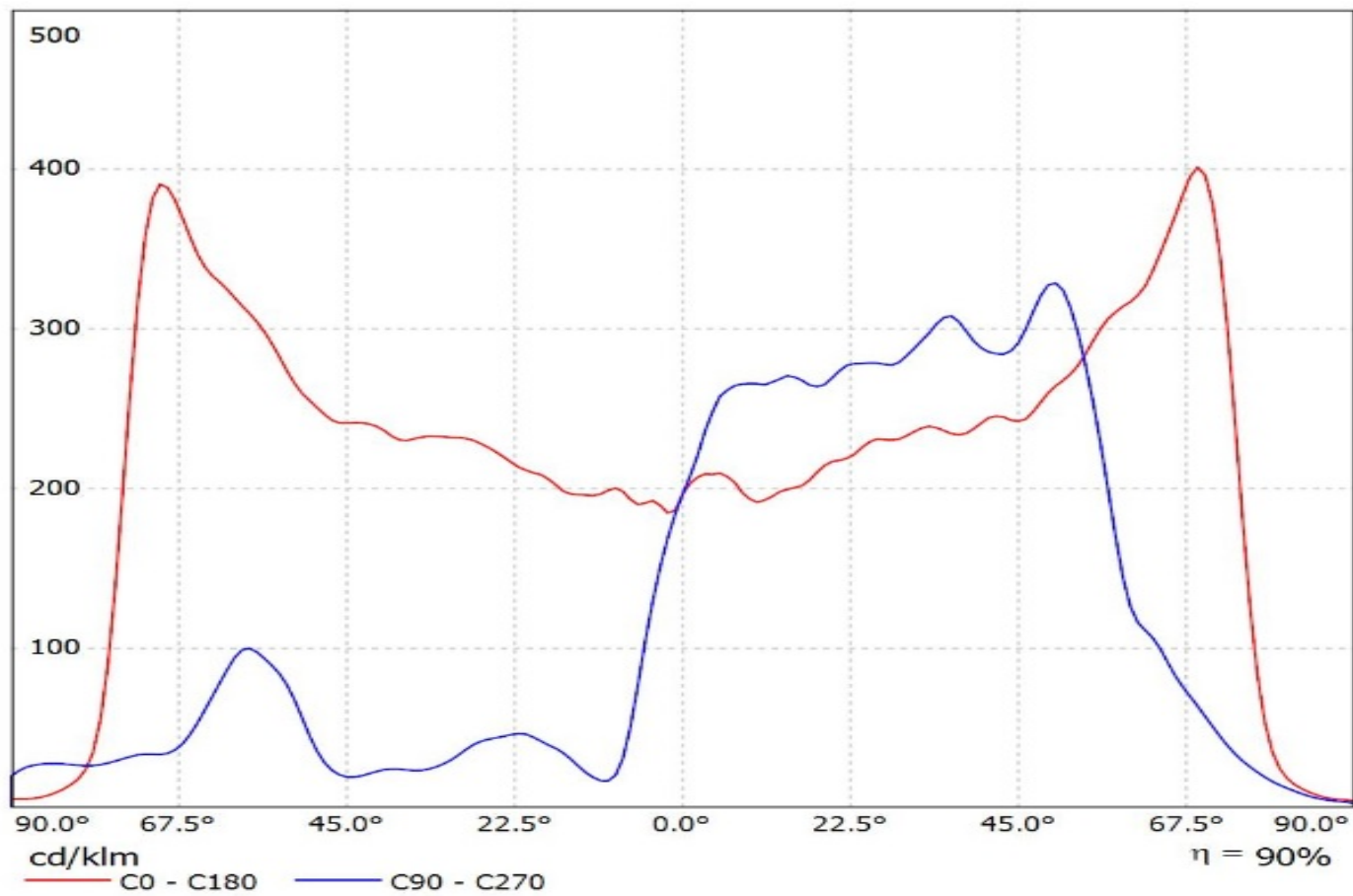
Lamps: 1 x Nichia_NVSL219CT_2x6_1262.53lm@250mA_P=8.35825W_I=0.25A



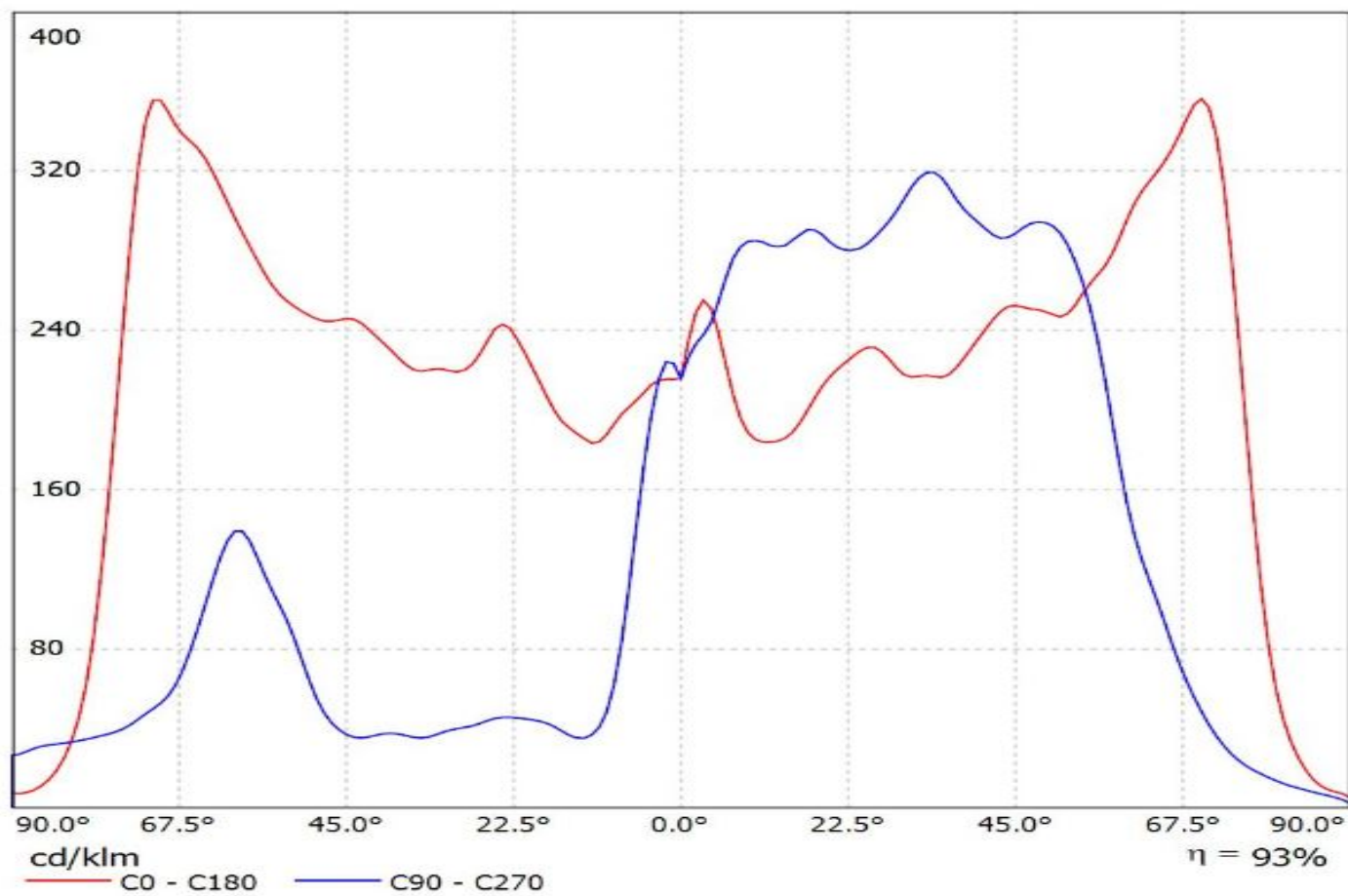
Luminaire: Ledil CS14143_STRADA-IP-2X6-T3_(Duris_S8)
Lamps: 1 x Duris_S8_2x6_1600.71lm@150mA_P=10.21W_I=0.15A



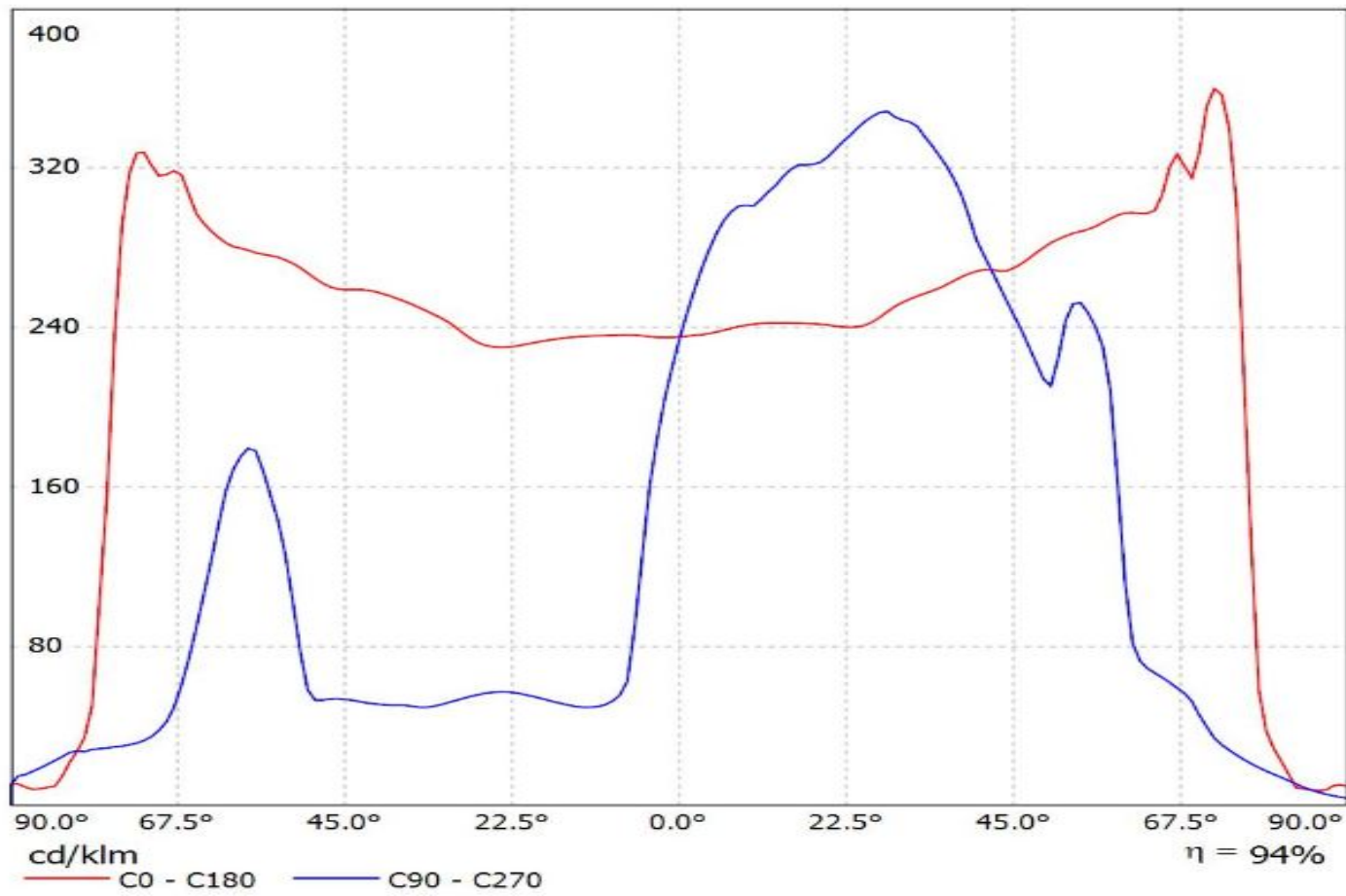
Luminaire: Ledil Oy CS14143_STRADA-IP-2X6-T3_(Duris_P8)_SIMULATED
Lamps: 1 x Osram Duris P8



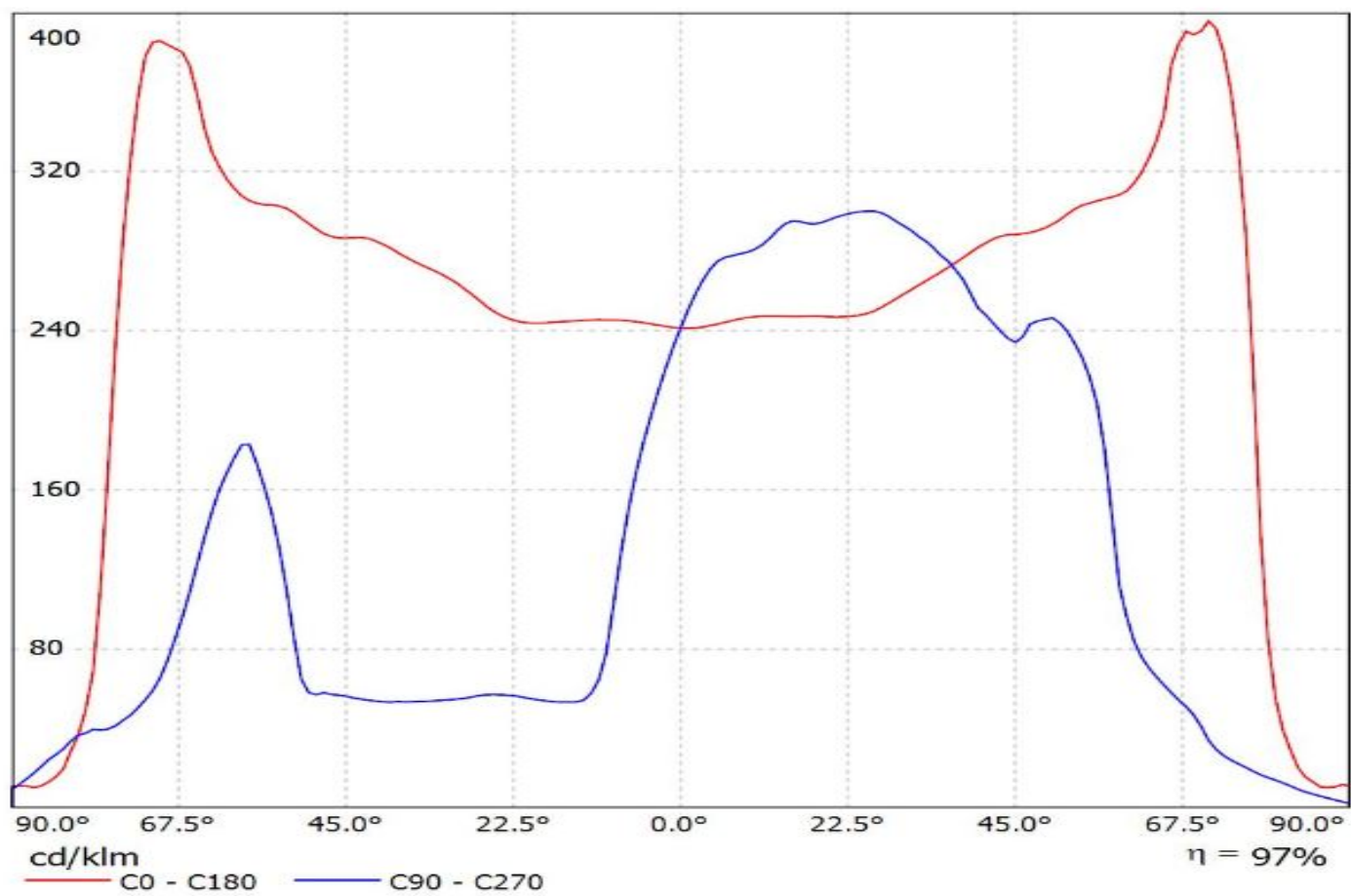
Luminaire: Ledil Oy CS14143_STRADA-IP-2X6-T3_OSRAM_DURIS_P9_SIMULATED
Lamps: 1 x OSRAM DURIS P9



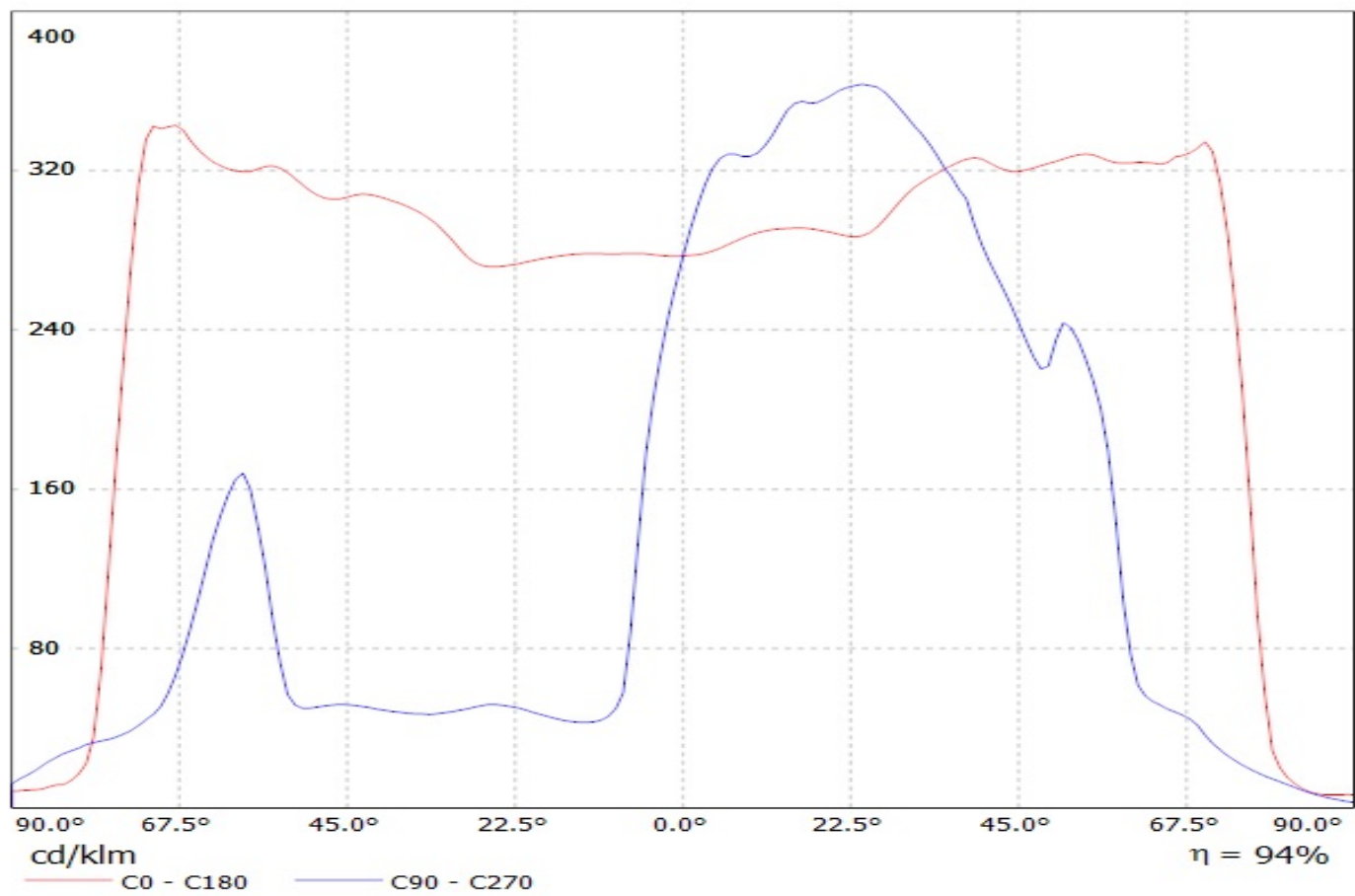
Luminaire: LEDiL Oy CS14143_STRADA-IP-2X6-T3_Fortimo FastFlex LED board 2x6 DP G4
Lamps: 1 x Fortimo FastFlex LED board 2x6 DP G4



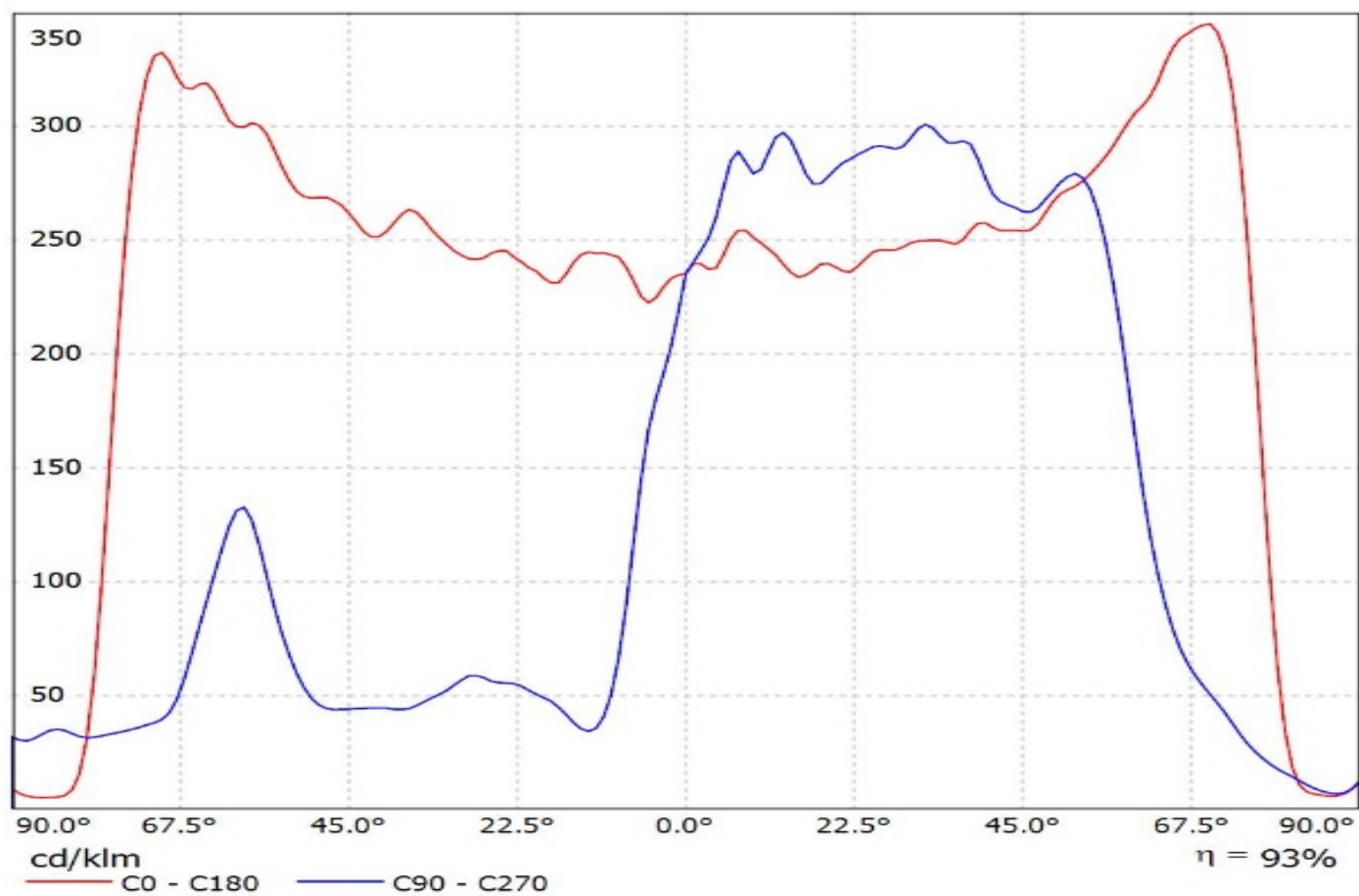
Luminaire: Ledil CS14143_STRADA-IP-2x6-T3_Fortimo FastFlex LED board 2x6 DPX G4
Lamps: 1 x Fortimo FastFlex LED board 2x6 DPX G4



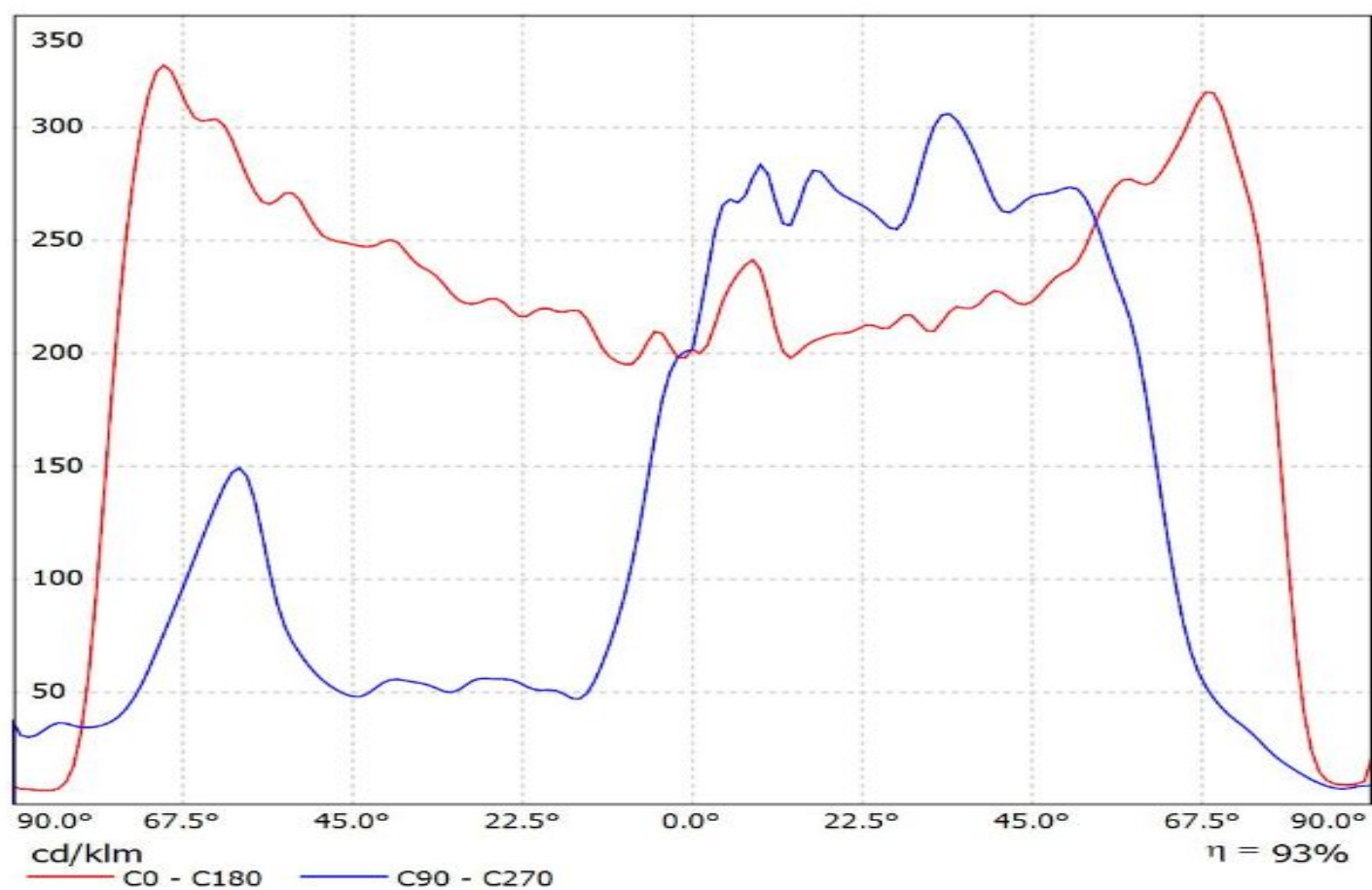
Luminaire: LEDiL Oy CS14143_STRADA-IP-2X6-T3 (LH351Z)
Lamps: 1 x SAMSUNG_LH351Z_2x6_960.75lm@250mA_P=8.67003W_I=249.9mA

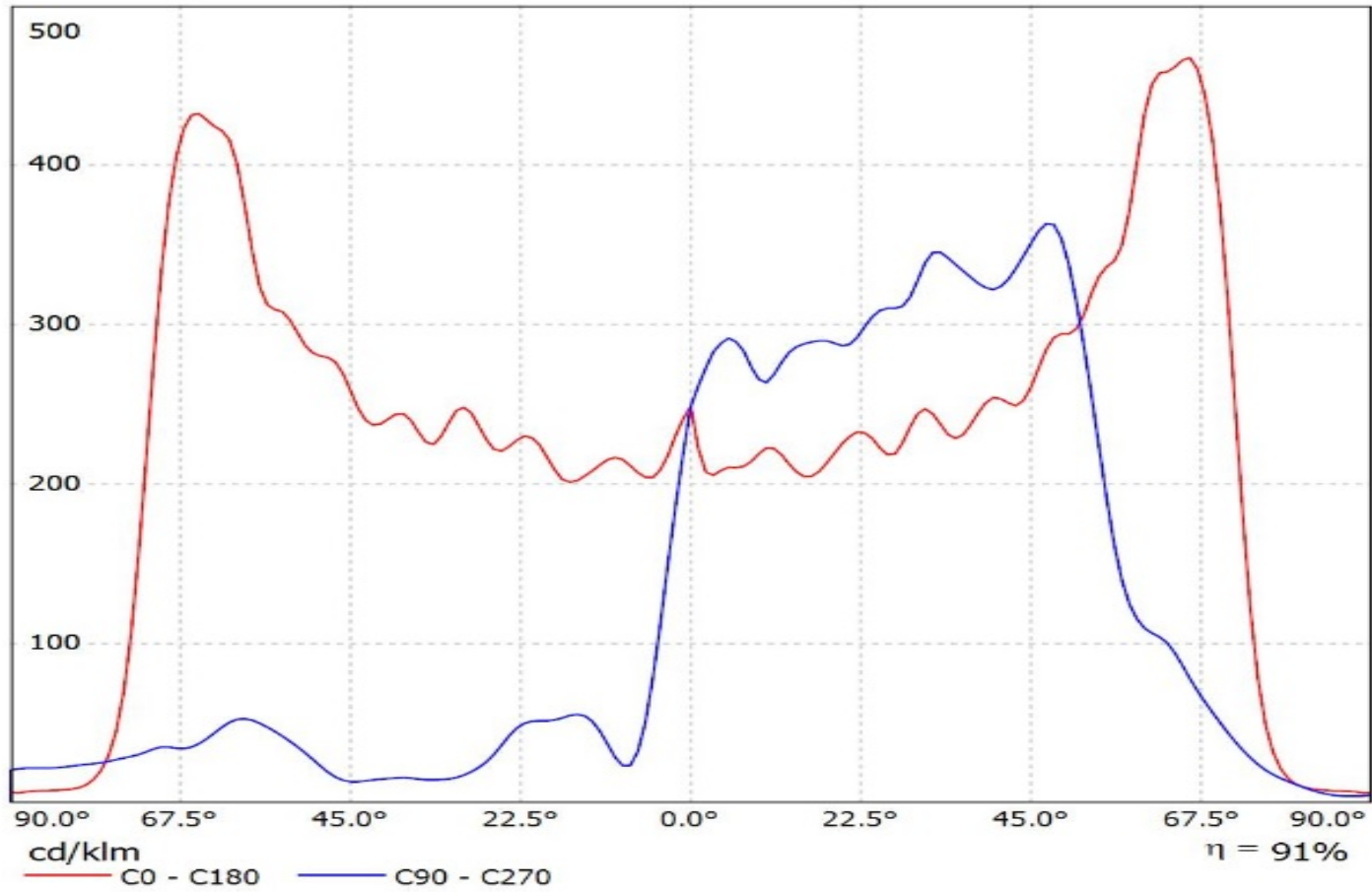


Luminaire: Ledil Oy CS14143_STRADA-IP-2X6-T3_(LH351B)_SIMULATED
Lamps: 1 x Samsubng LH351B

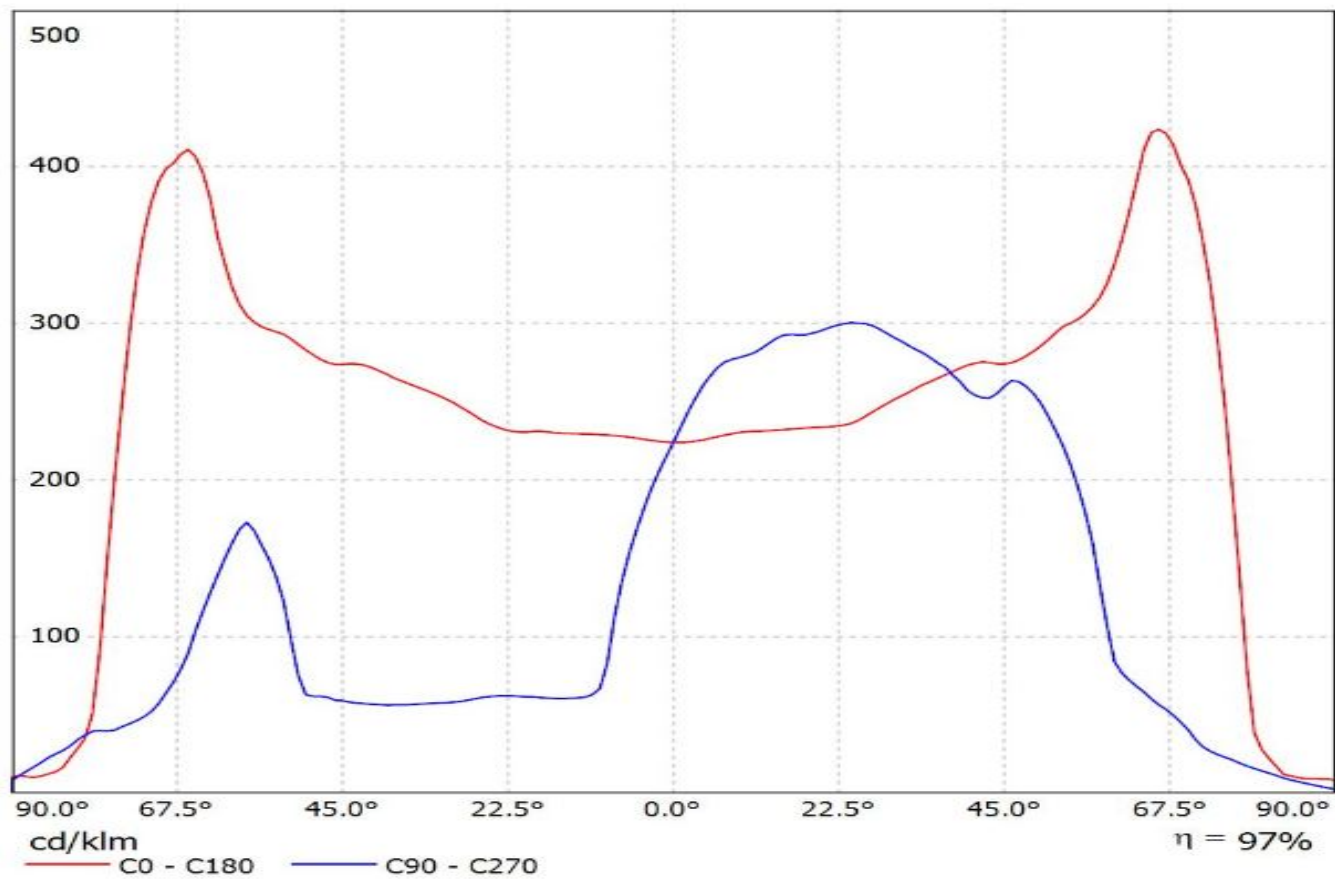


Luminaire: Ledil Oy CS14143_STRADA-IP-2X6-T3_(LH351D)_SIMULATED
Lamps: 1 x Samsung LH351D

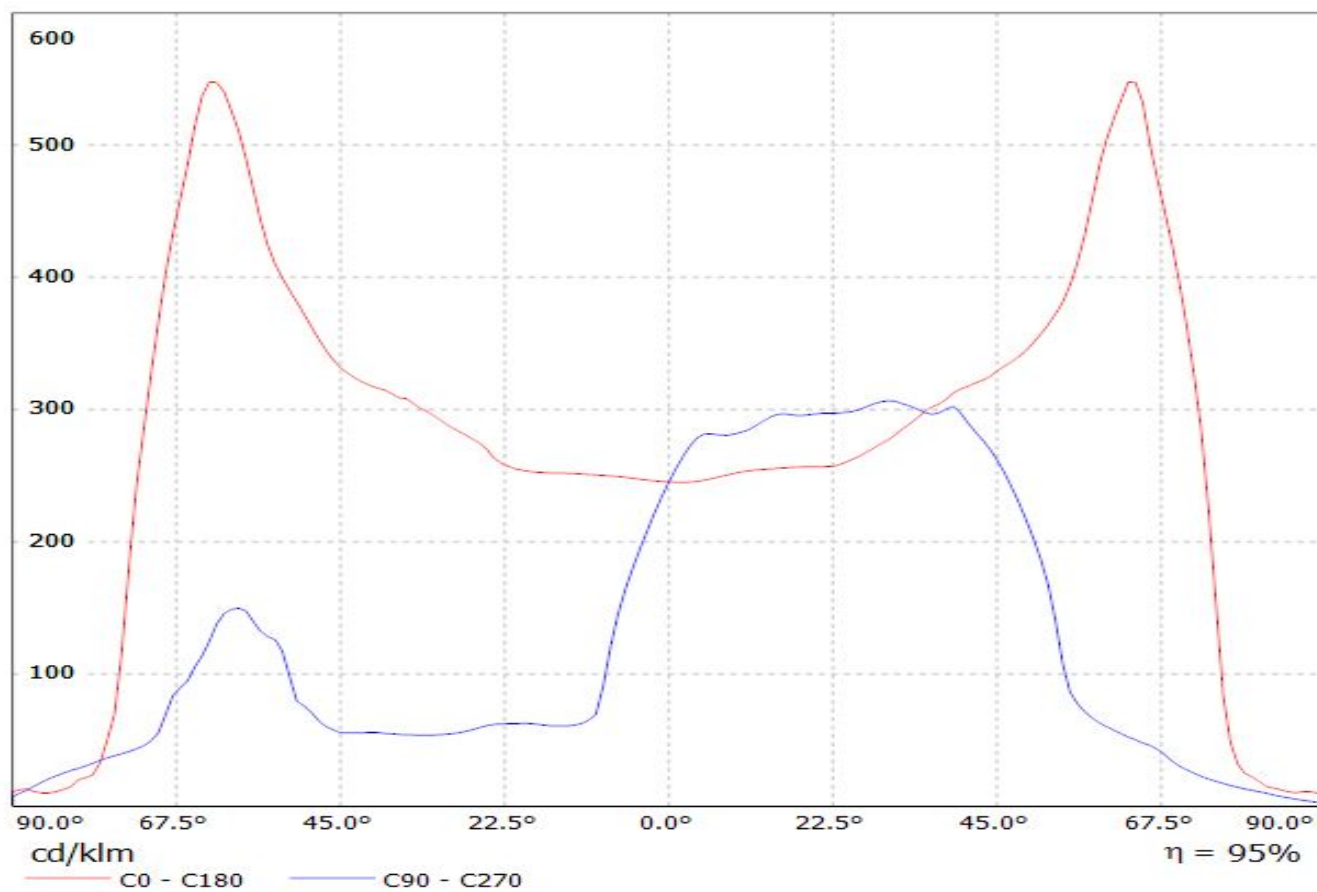




Luminaire: Ledil CS14143_STRADA-IP-2X6-T3_(Z8Y22_PLUS)
Lamps: 1 x Seoul_Z8Y22_PLUS_2X6_(SZ8-Y22-W0-C7P)1489.65lm@250mA_P=8.30675W_I=0.250A

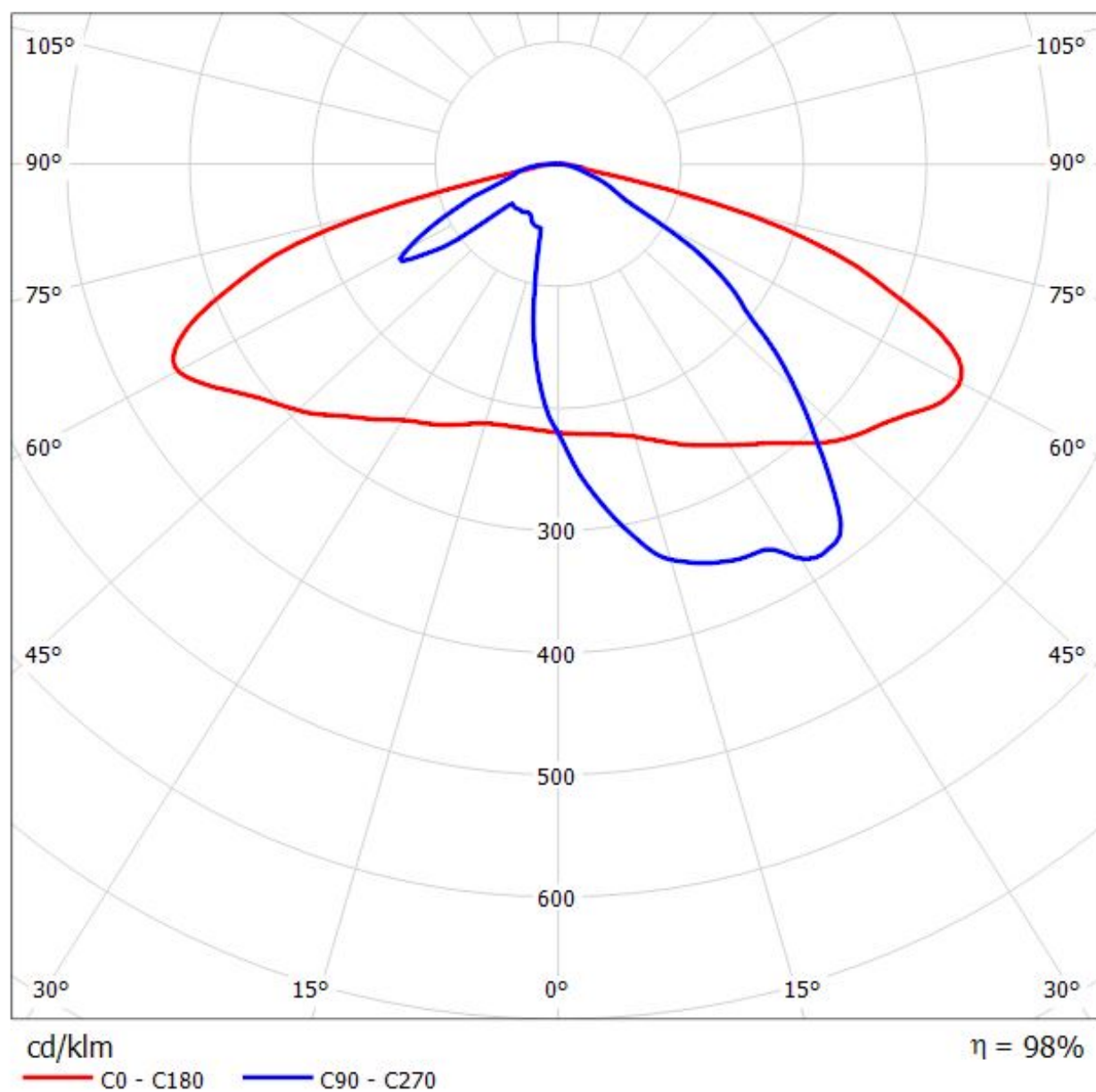


Luminaire: LEDiL Oy CS14143_STRADA-IP-2X6-T3 (SMJQ-D36W12Mx)
Lamps: 1 x Seoul_SMJQ-D36W12Mx_3765.02@700mA_P=23.6218W_I=0.25A



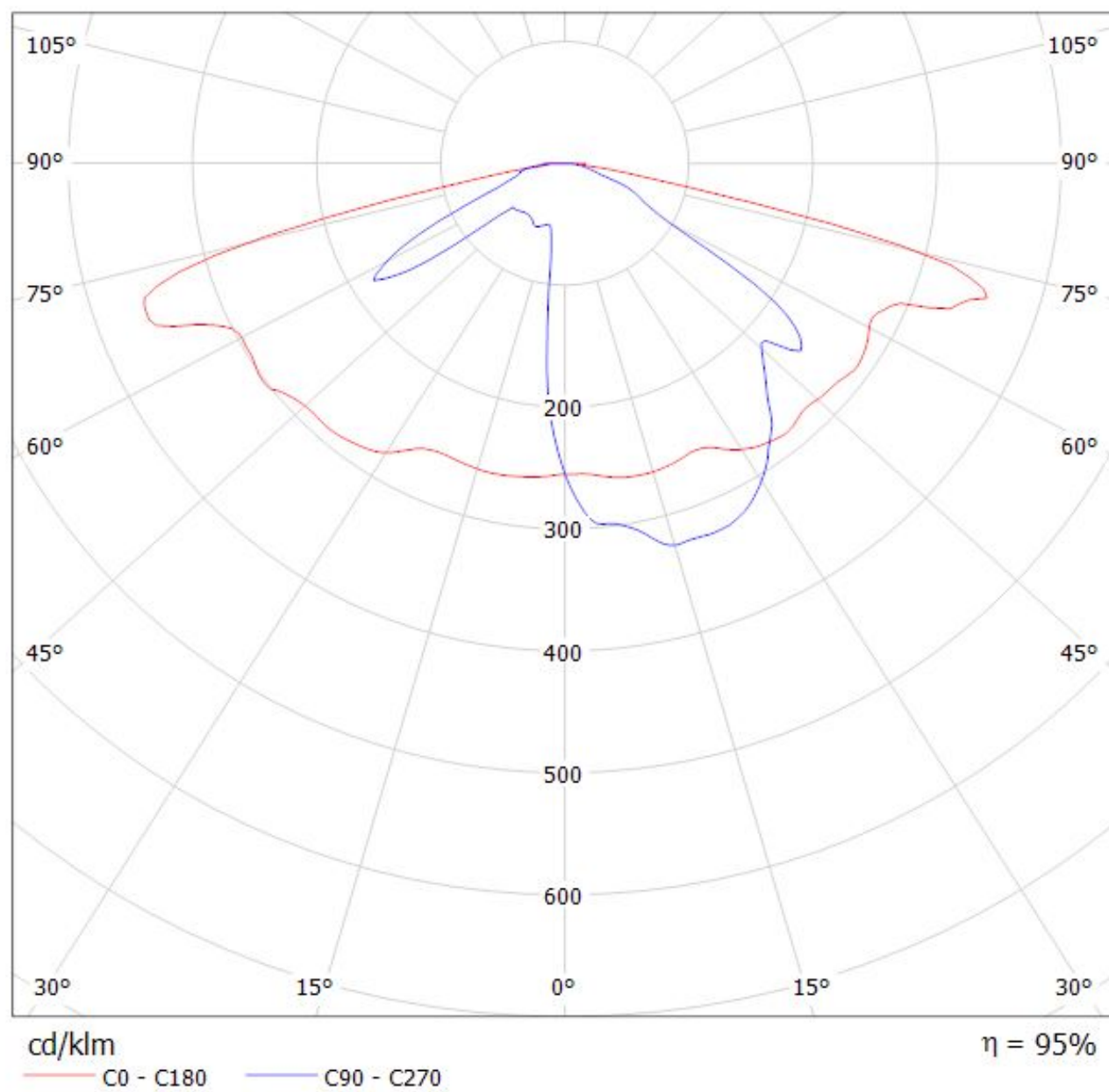
Luminaire: LEDiL Oy CS14143_STRADA-IP-2X6-T3_(Bridgelux_5050_Gen2)

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

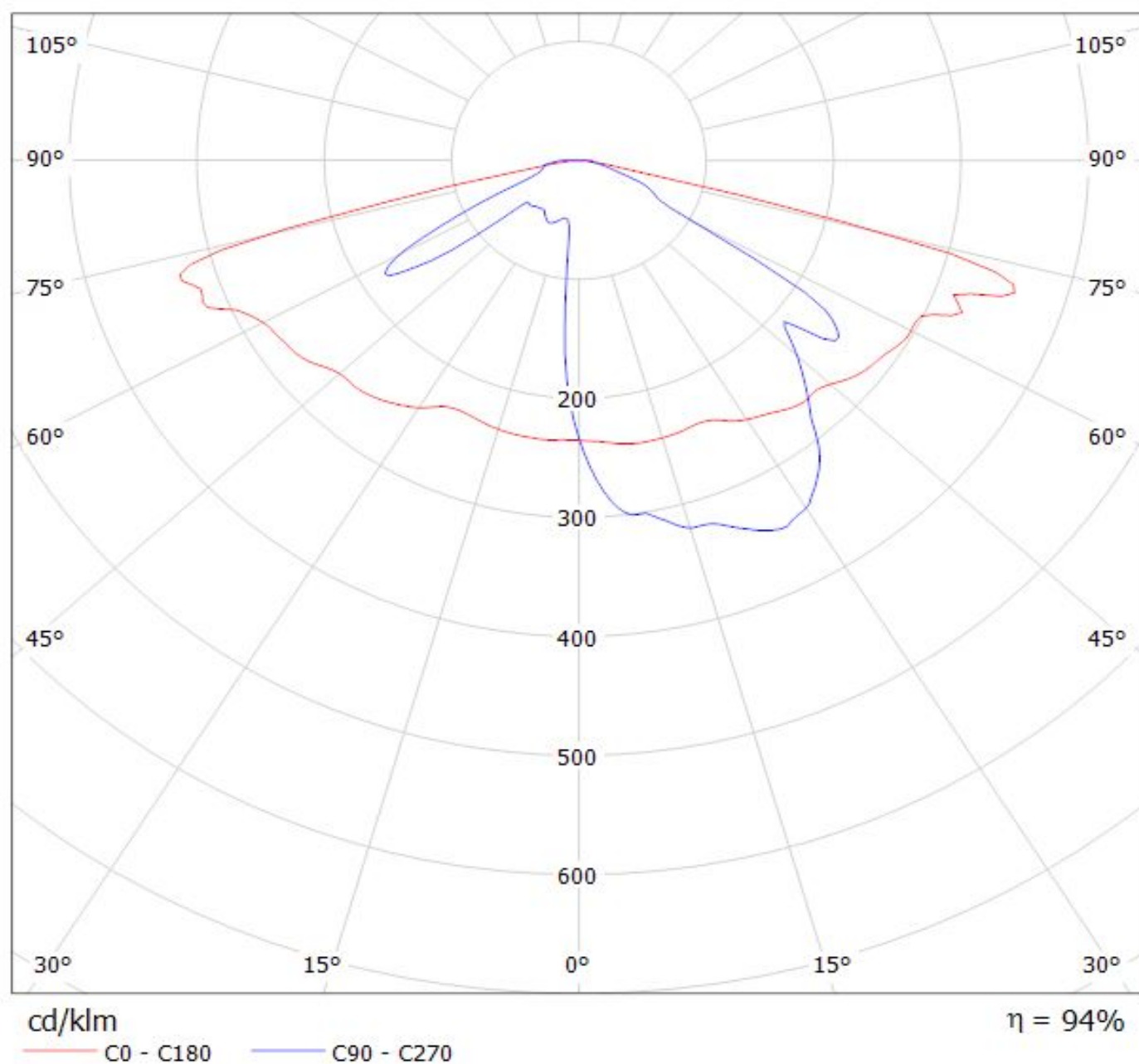


Luminaire: LEDiL Oy CS14143_STRADA-IP-2X6-T3

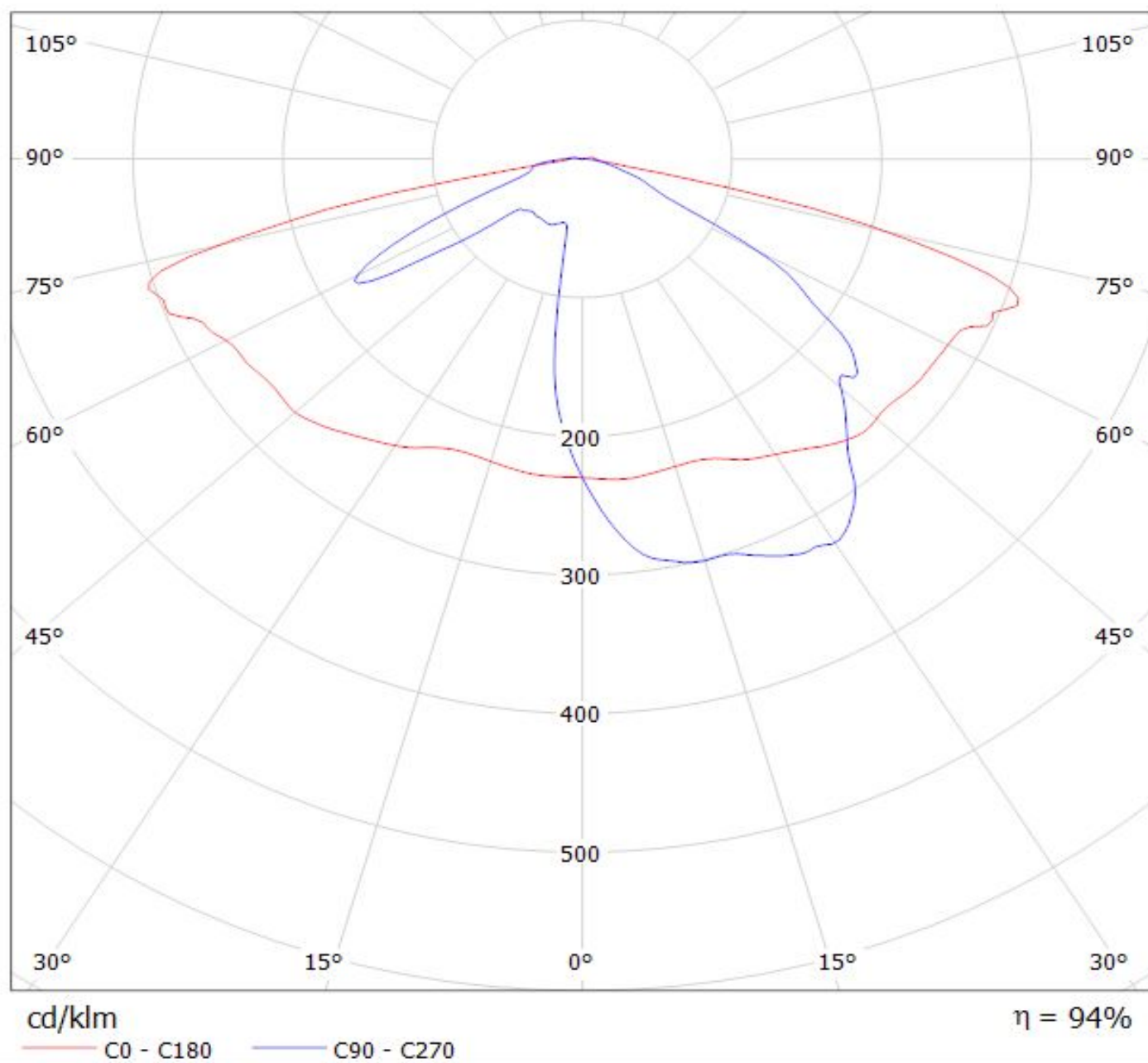
Lamps: 1 x CREE_XT-E_6x2_(XTEAWT-00-0000-000000HE4)_1253.92lm@250mA_P=8.86265W_I=249.8mA



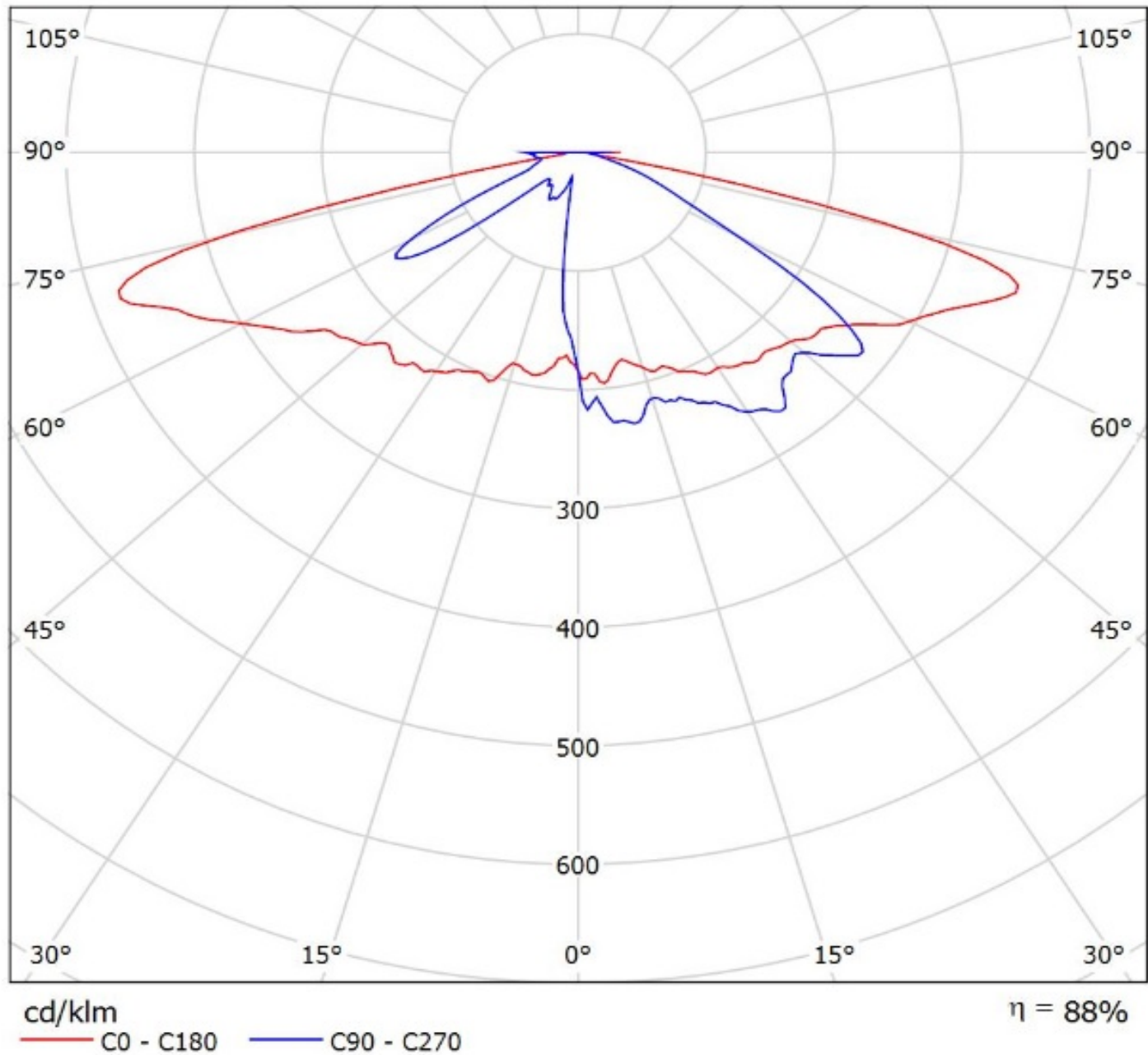
Luminaire: LEDiL Oy CS14143_STRADA-IP-2X6-T3_(XP-G2) Eff.94.1%
Lamps: 1 x CREE_XP-G2_1277.8lm@250mA_P=8.54291W_I=249.8mA



Luminaire: LEDiL Oy CS14143_STRADA-IP-2X6-T3_(XP-L) Eff.95.3%
Lamps: 1 x CREE_XP-L_2x6_(XPLAWT-0-7A3-U50-0H-0001)
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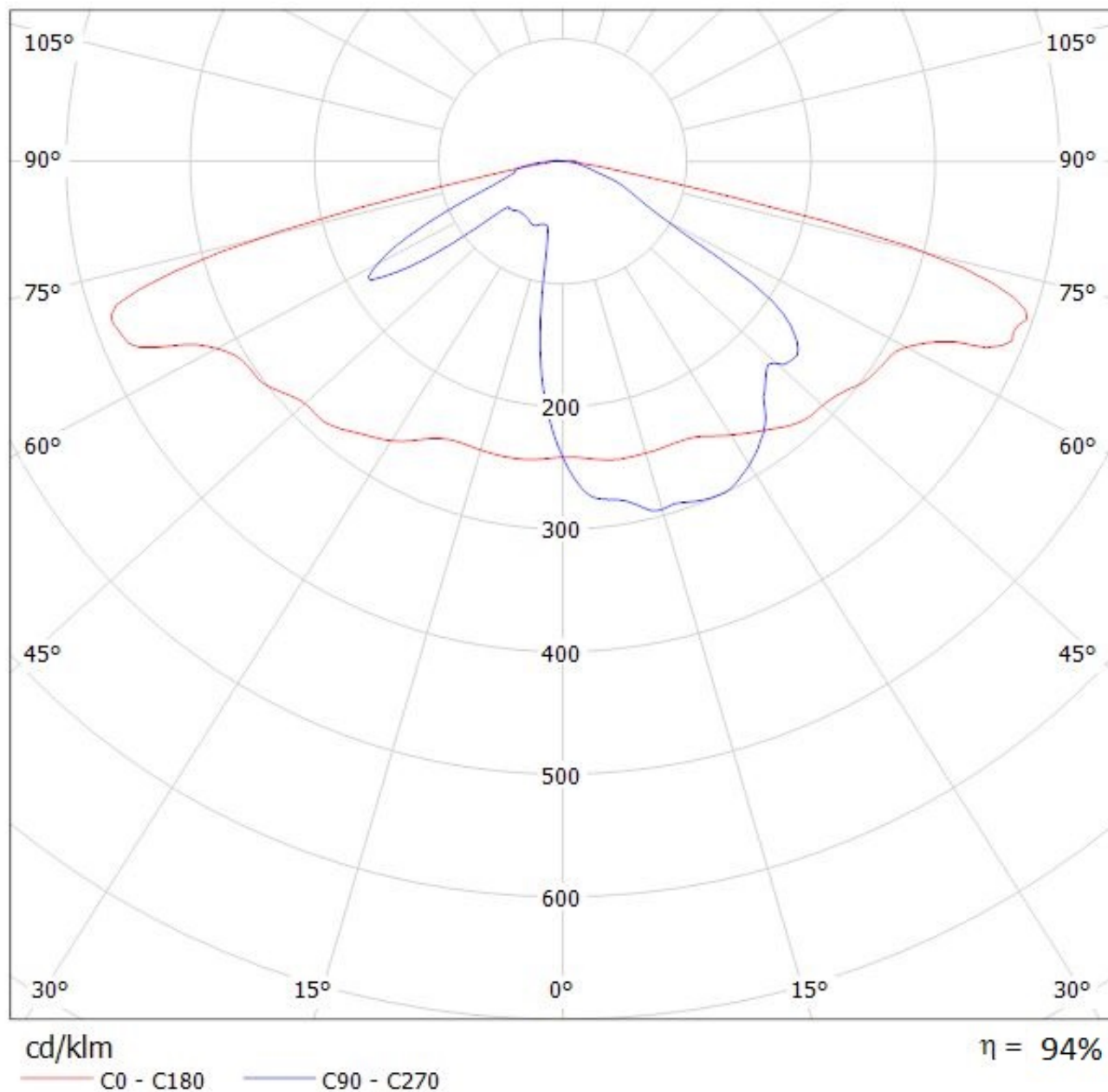


Luminaire: Ledil Oy CS14143_STRADA-IP-2X6-T3_(XP-G3)_SIMULATED
Lamps: 1 x Cree XP-G3

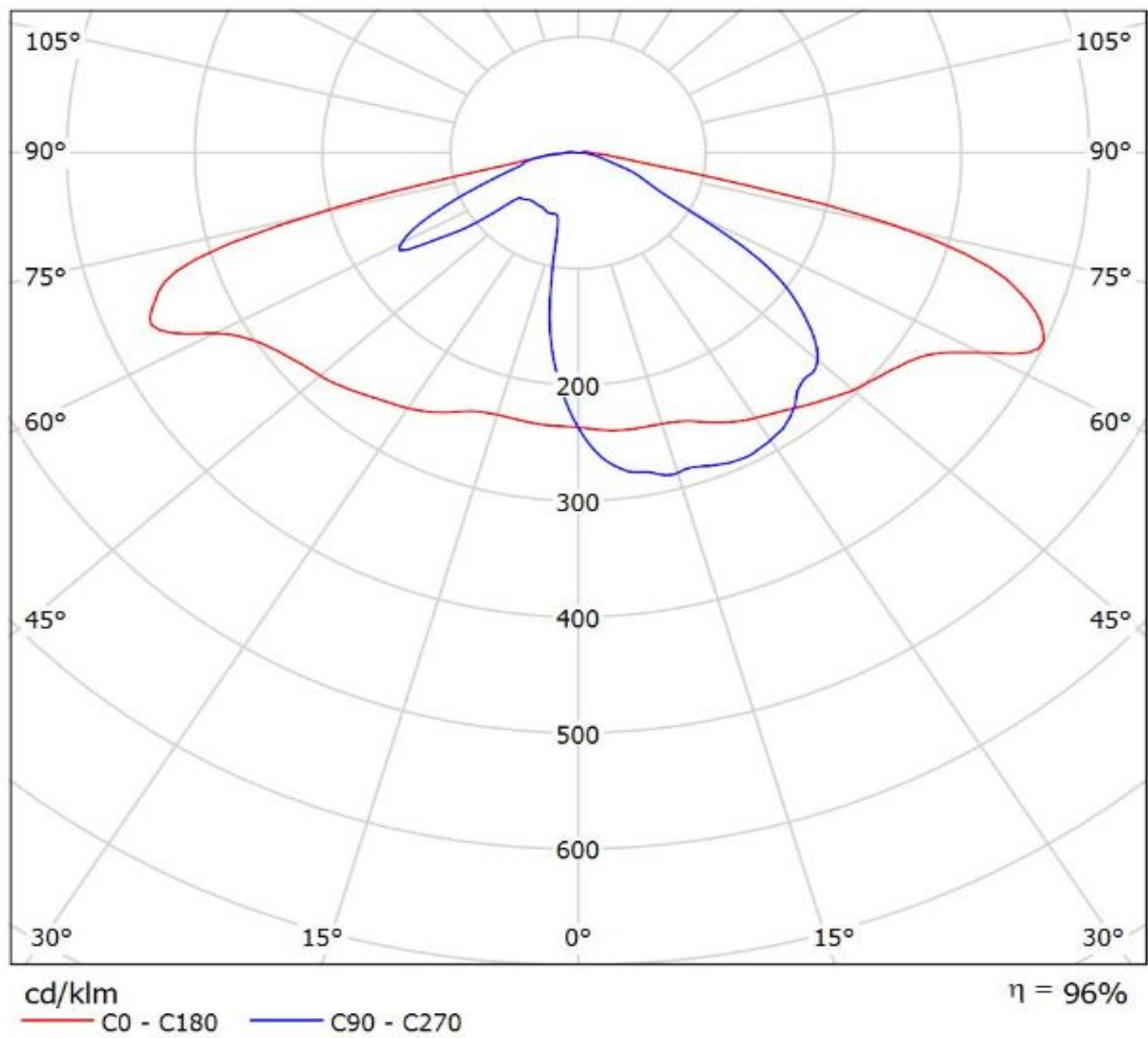


Luminaire: Ledil CS14143_STRADA-IP-2x6-T3_(XP-G3)

Lamps: 1 x Cree_XP-G3_6x2_(XPGDWT-B1-6C1-S3-0-01)_1521.26lm@250mA_P=8.253W_I=0.25A

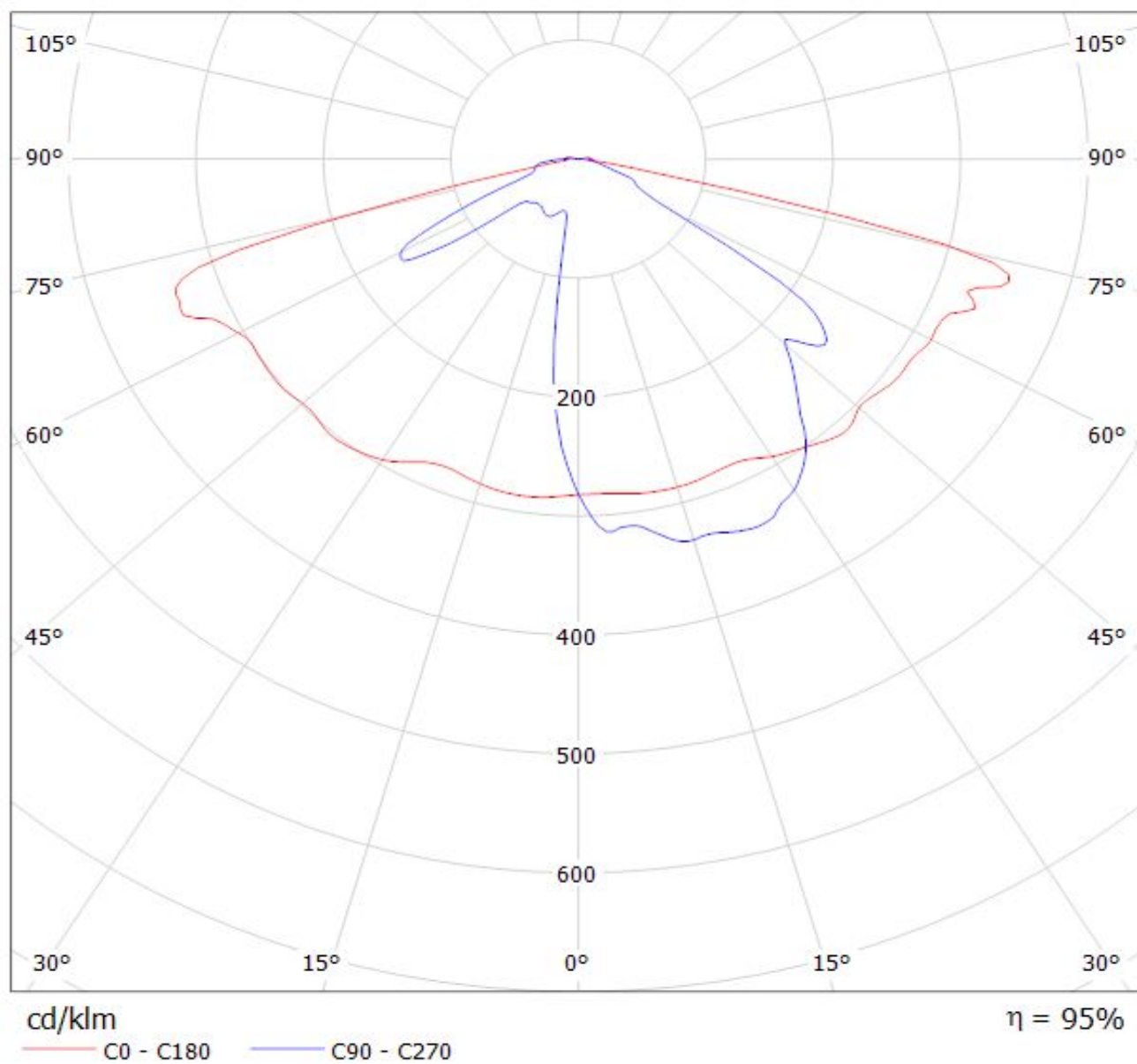


Luminaire: Ledil CS14143_STRADA-IP-2X6-T3_(XP-L2)
Lamps: 1 x Cree_XP-L2x12_(XPGBWT-H1-3B0-R5-0-01)
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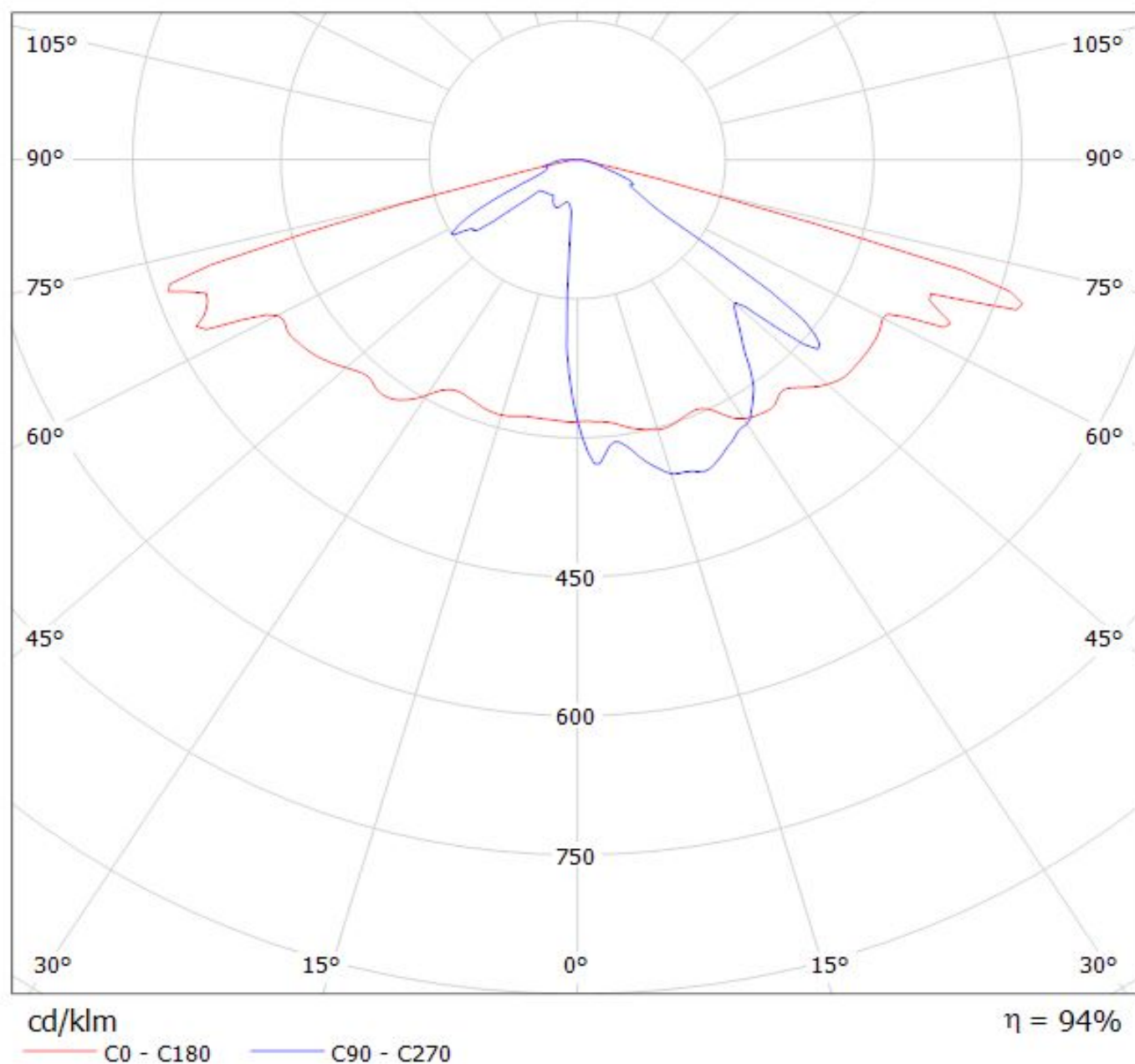


Luminaire: LEDiL Oy CS14143_STRADA-IP-2X6-T3_(LG_3535_H35C1)

Lamps: 1 x LG_3535_H35C1_2x6_1360.63lm@250mA_P=8.55408W_I=249.9mA

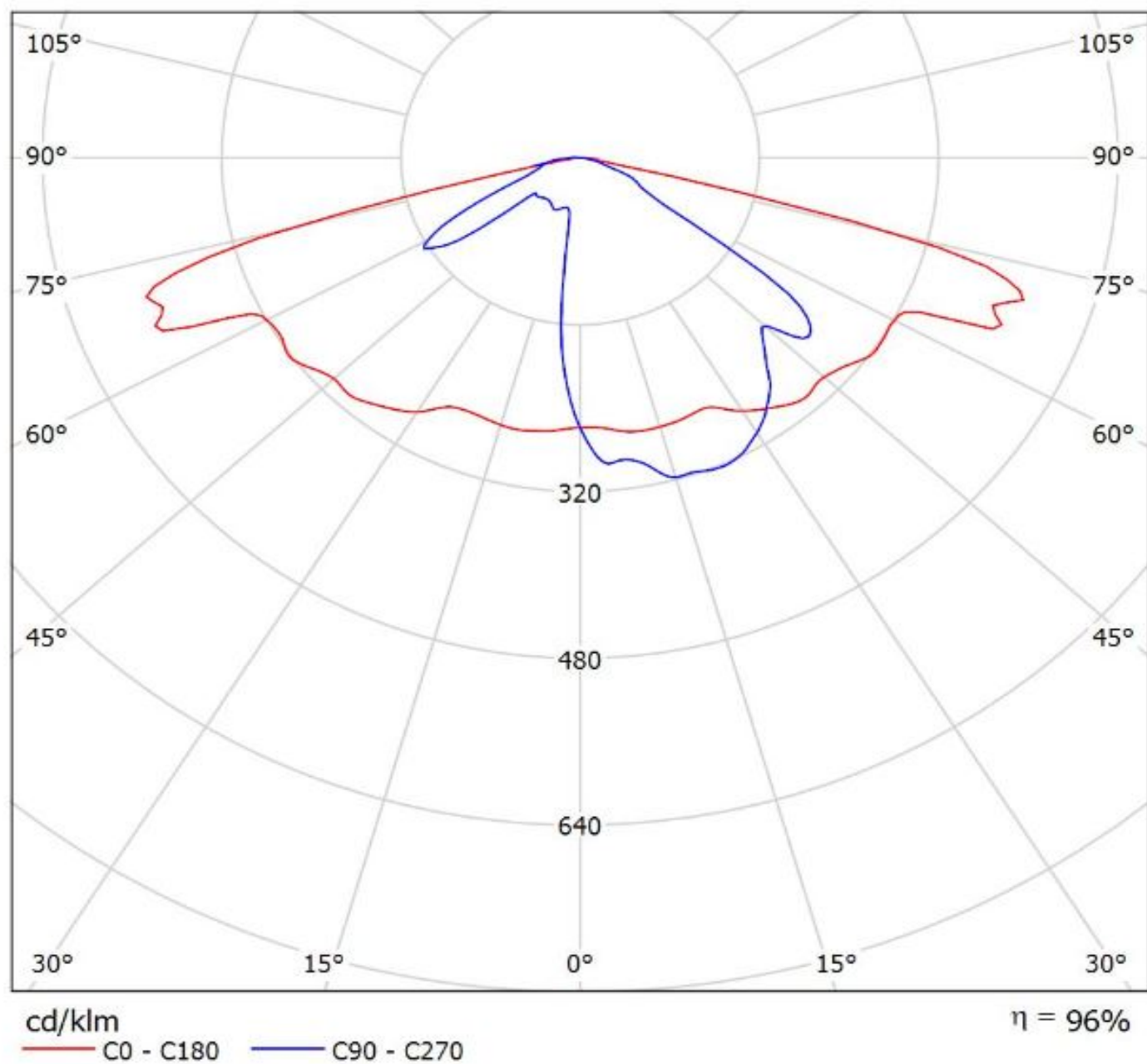


Luminaire: LEDiL Oy CS14143_STRADA-IP-2X6-T3_(LUXEON_Z_ES) Eff.94.0%
Lamps: 1 x LUXEON_Z_ES_984.3lm@250mA_P=8.31159W_I=249.8mA

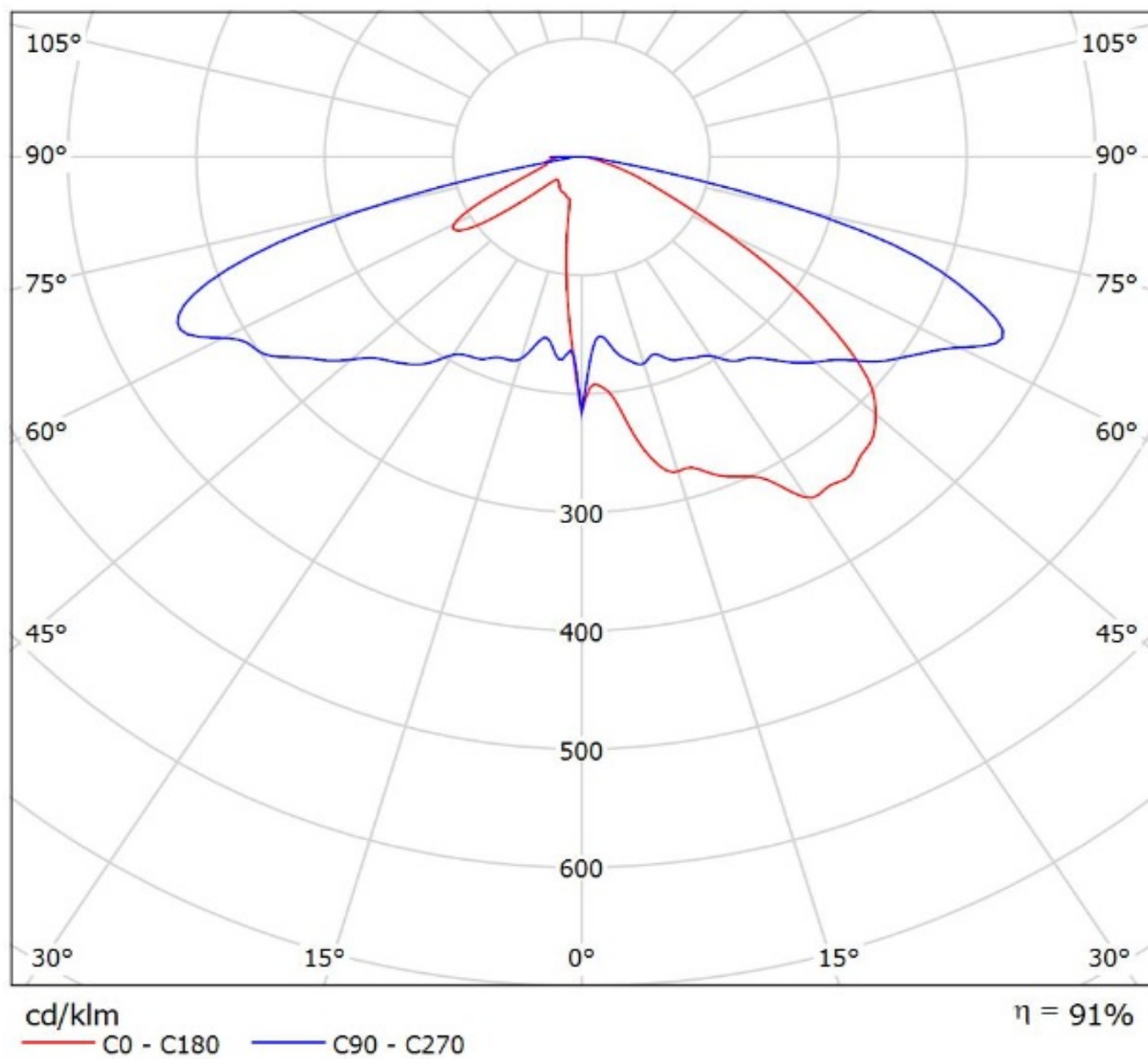


Luminaire: Ledil CS14143_STRADA-IP-2X6-T3_(XR-TX)

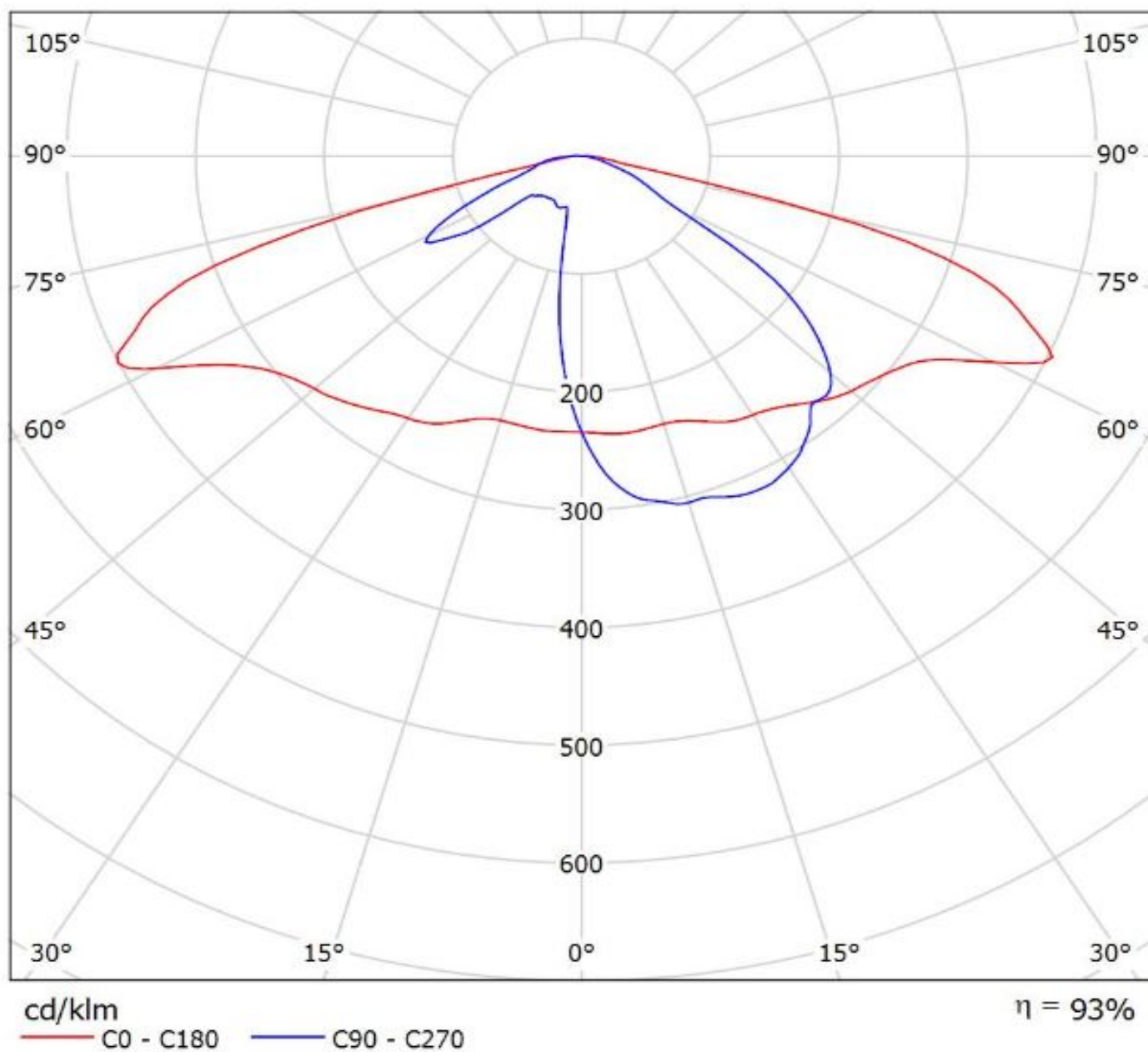
Lamps: 1 x Luxeon_XR-TX_1377.67lm@250mA_P=8.3973W_I=0.250A



Luminaire: Ledil Oy CS14143_STRADA-IP-2X6-T3_LUXEON-5050_SIMULATED
Lamps: 1 x Lumileds Luxeon 5050

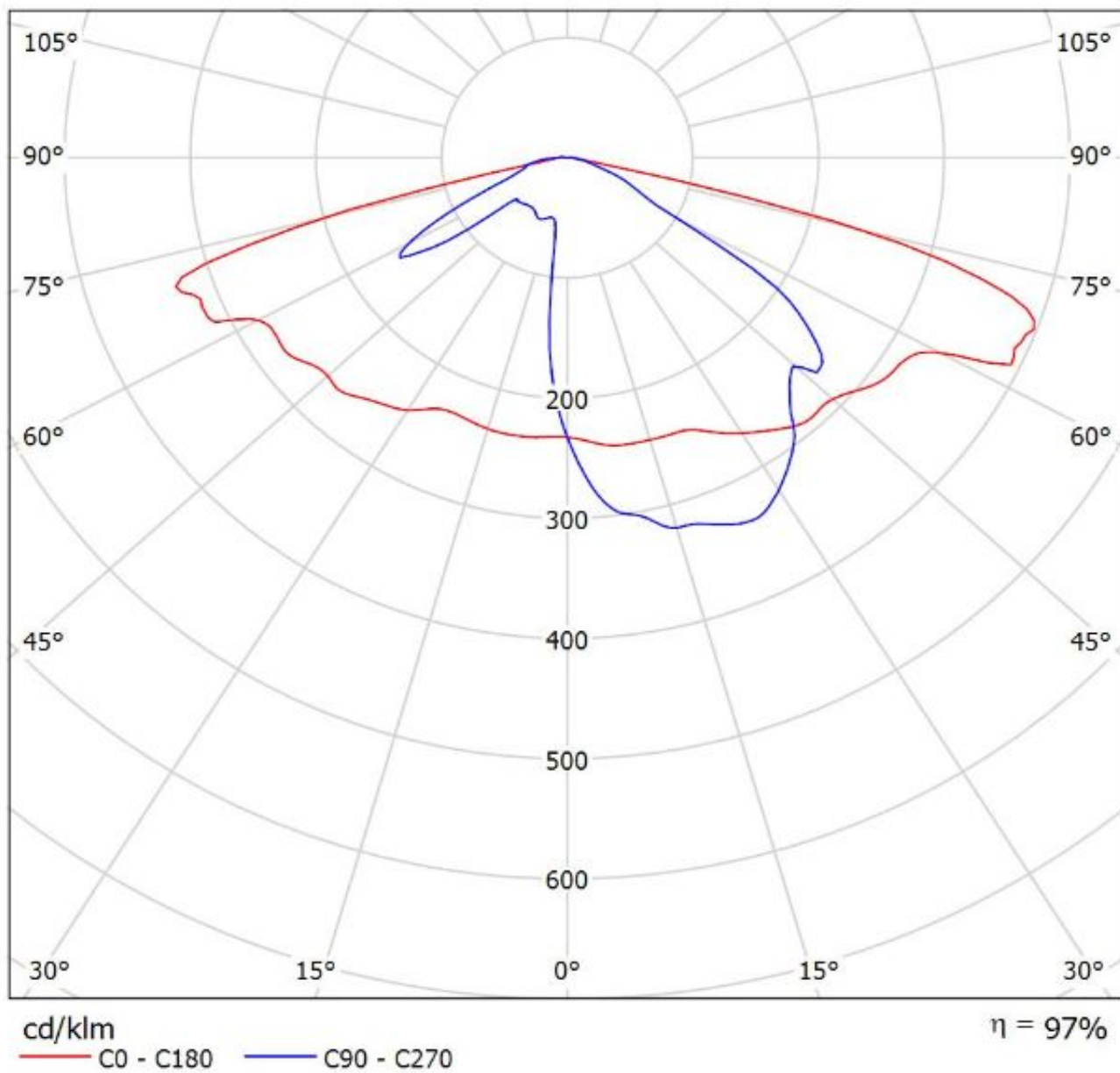


Luminaire: Ledil CS14143_STRADA-IP-2X6-T3_(Luxeon_V)
Lamps: 1 x Lumileds_Luxeon_V_1451.2lm@250mA_P=8.20297W

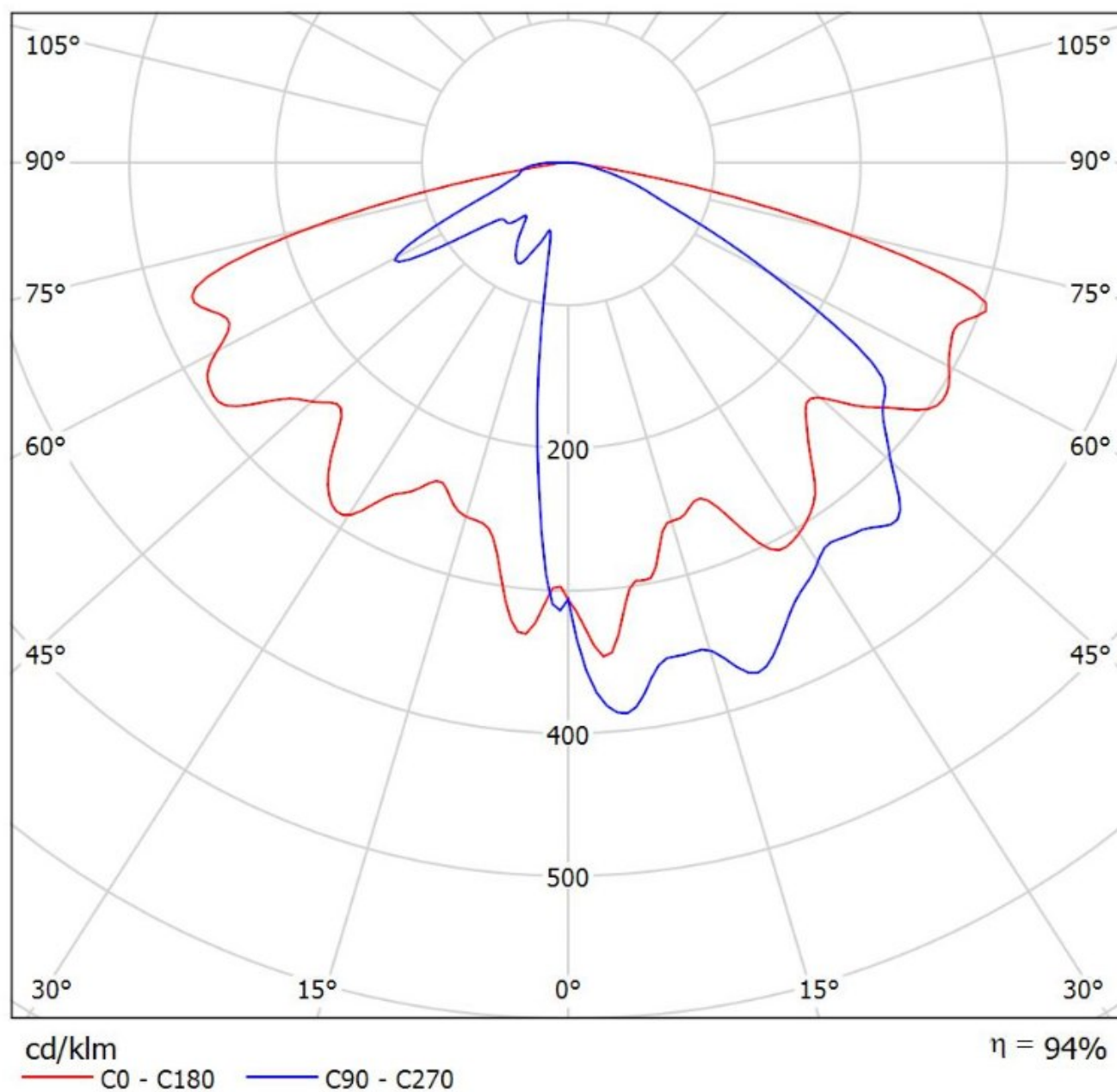


Luminaire: Ledil CS14143_STRADA-IP-2X6-T3_(NVSL219CT)

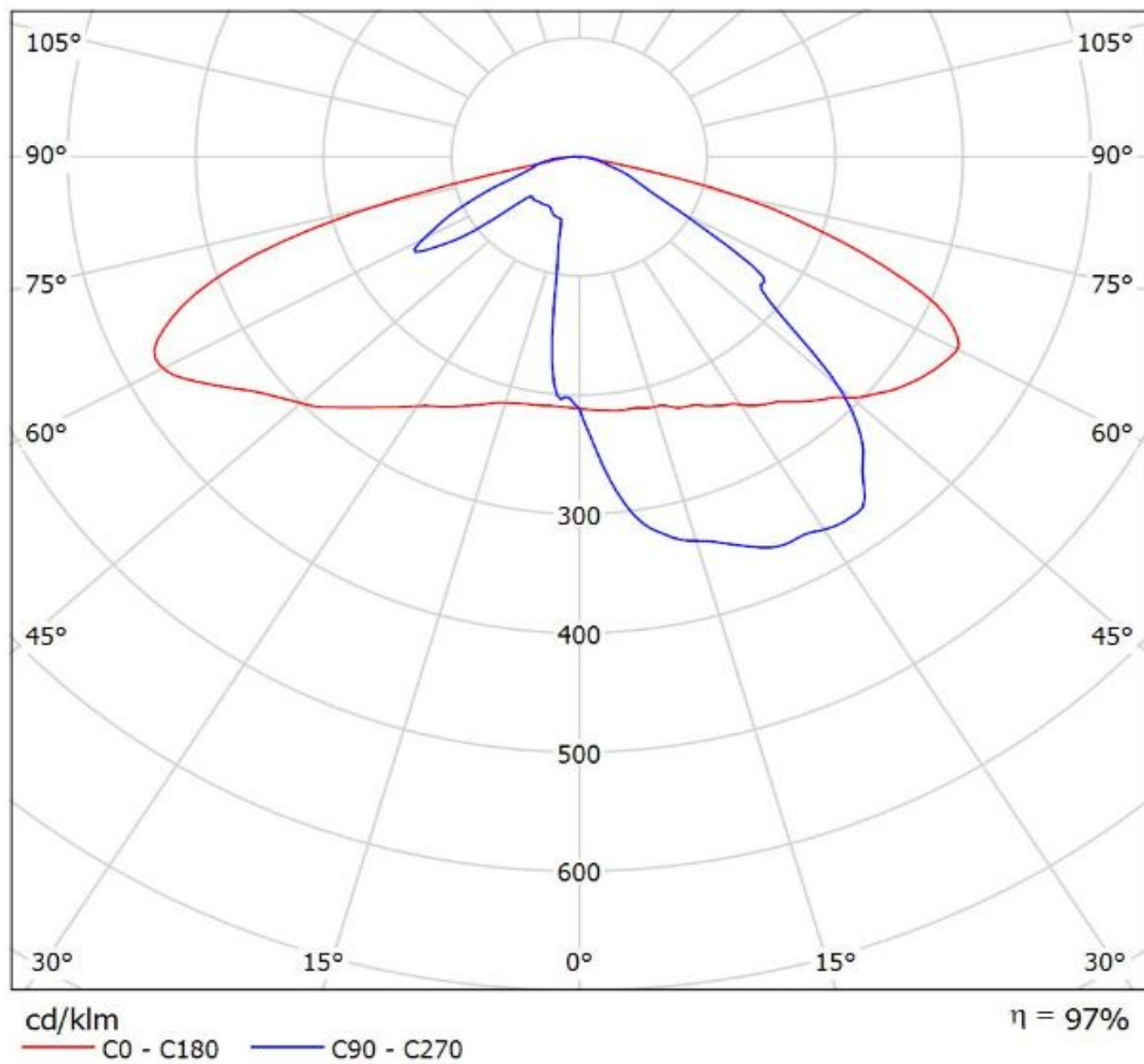
Lamps: 1 x Nichia_NVSL219CT_2x6_1262.53lm@250mA_P=8.35825W_I=0.25A



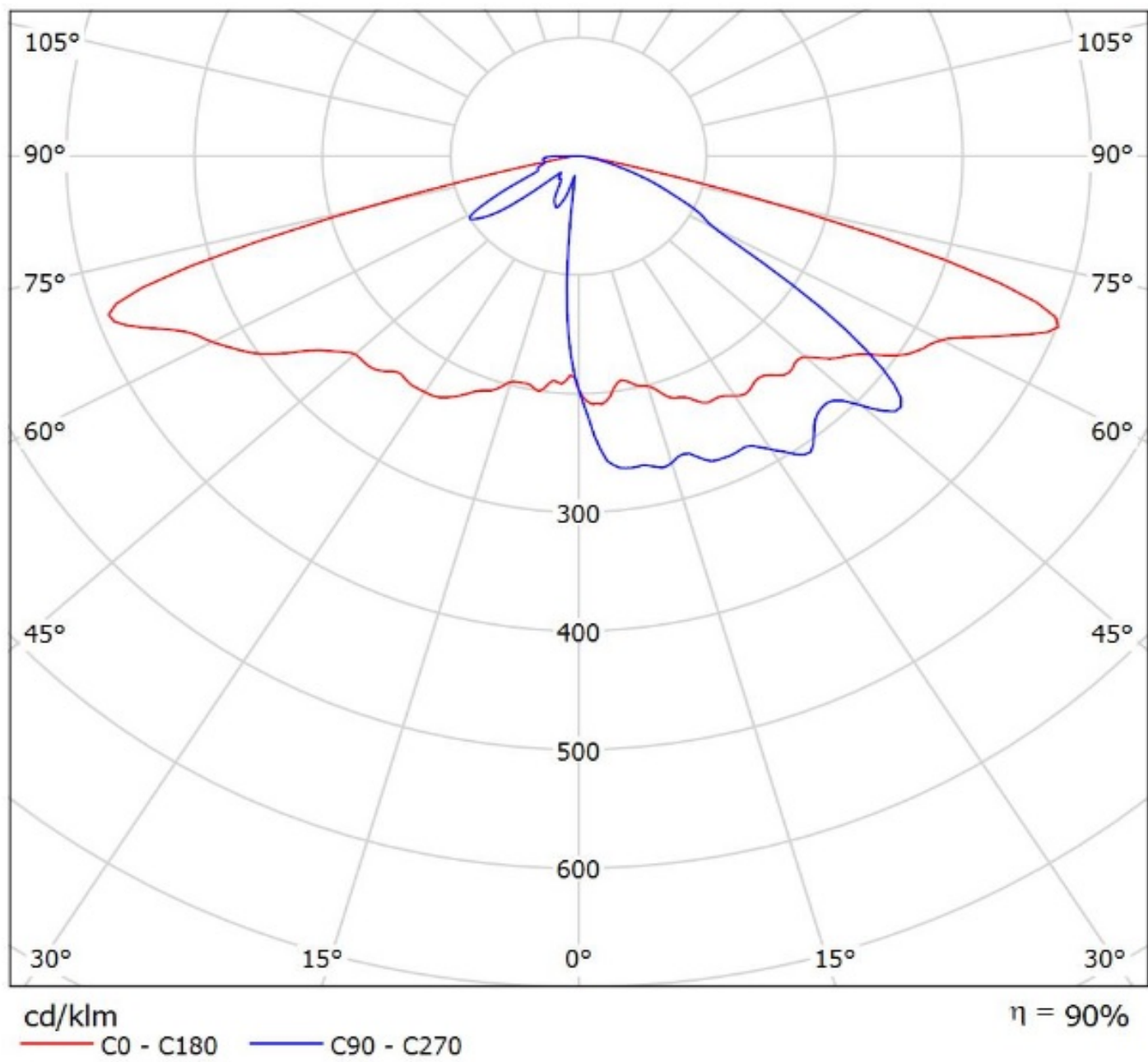
Luminaire: Ledil Oy CS14143_STRADA-IP-2X6-T3_N219D_SIMULATED
Lamps: 1 x



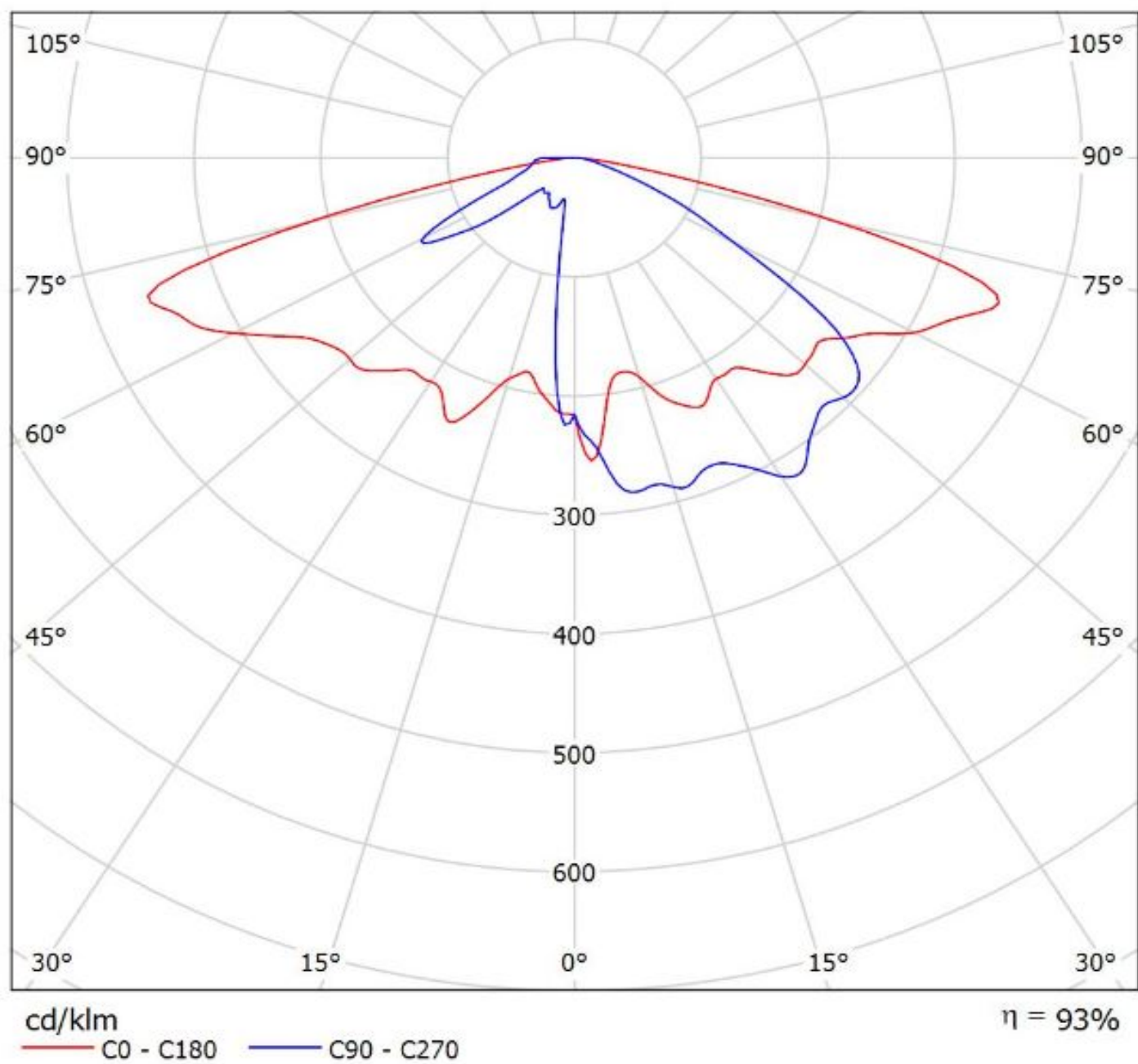
Luminaire: Ledil CS14143_STRADA-IP-2X6-T3_(Duris_S8)
Lamps: 1 x Duris_S8_2x6_1600.71lm@150mA_P=10.21W_I=0.15A



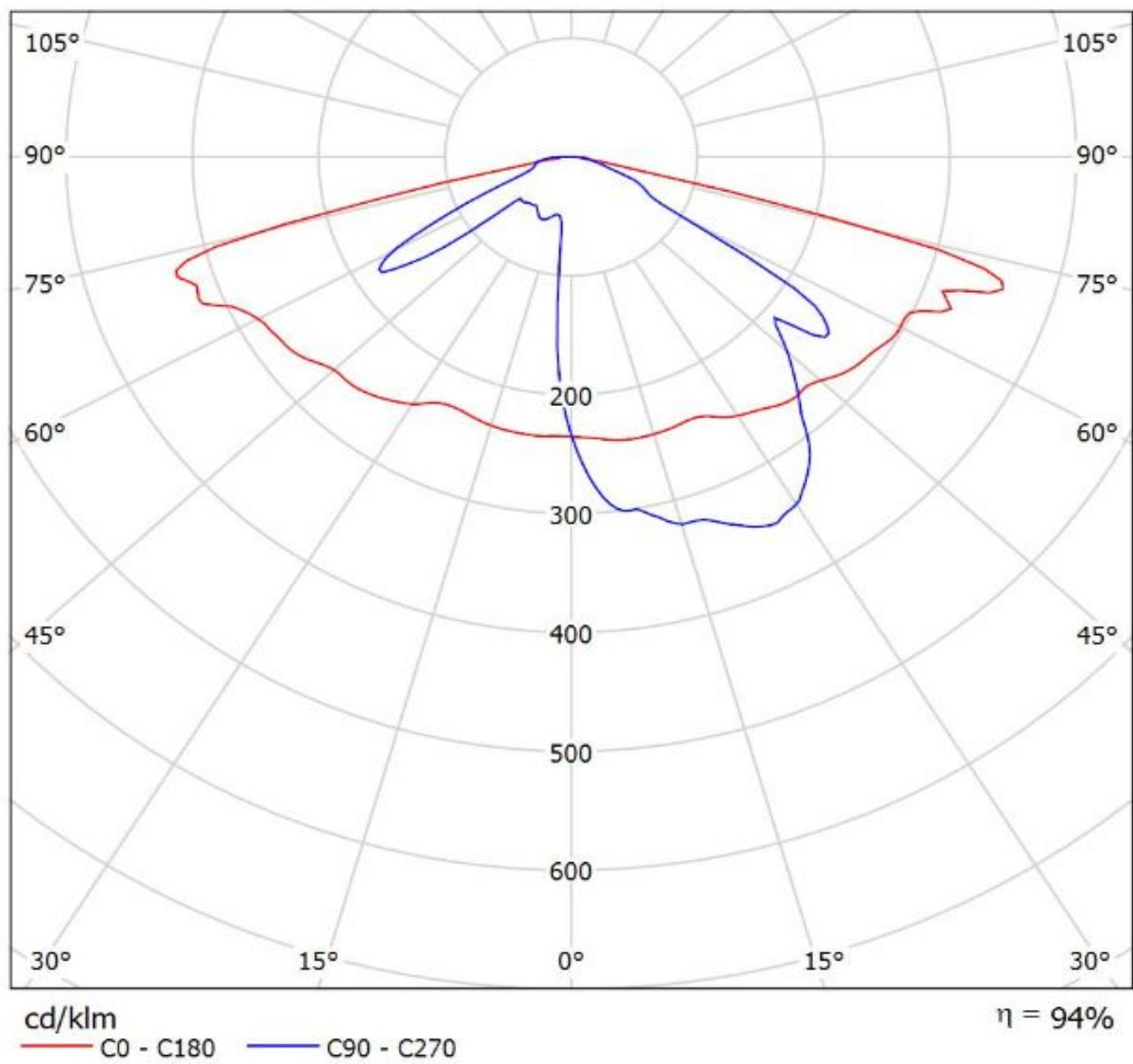
Luminaire: Ledil Oy CS14143_STRADA-IP-2X6-T3_(Duris_P8)_SIMULATED
Lamps: 1 x Osram Duris P8



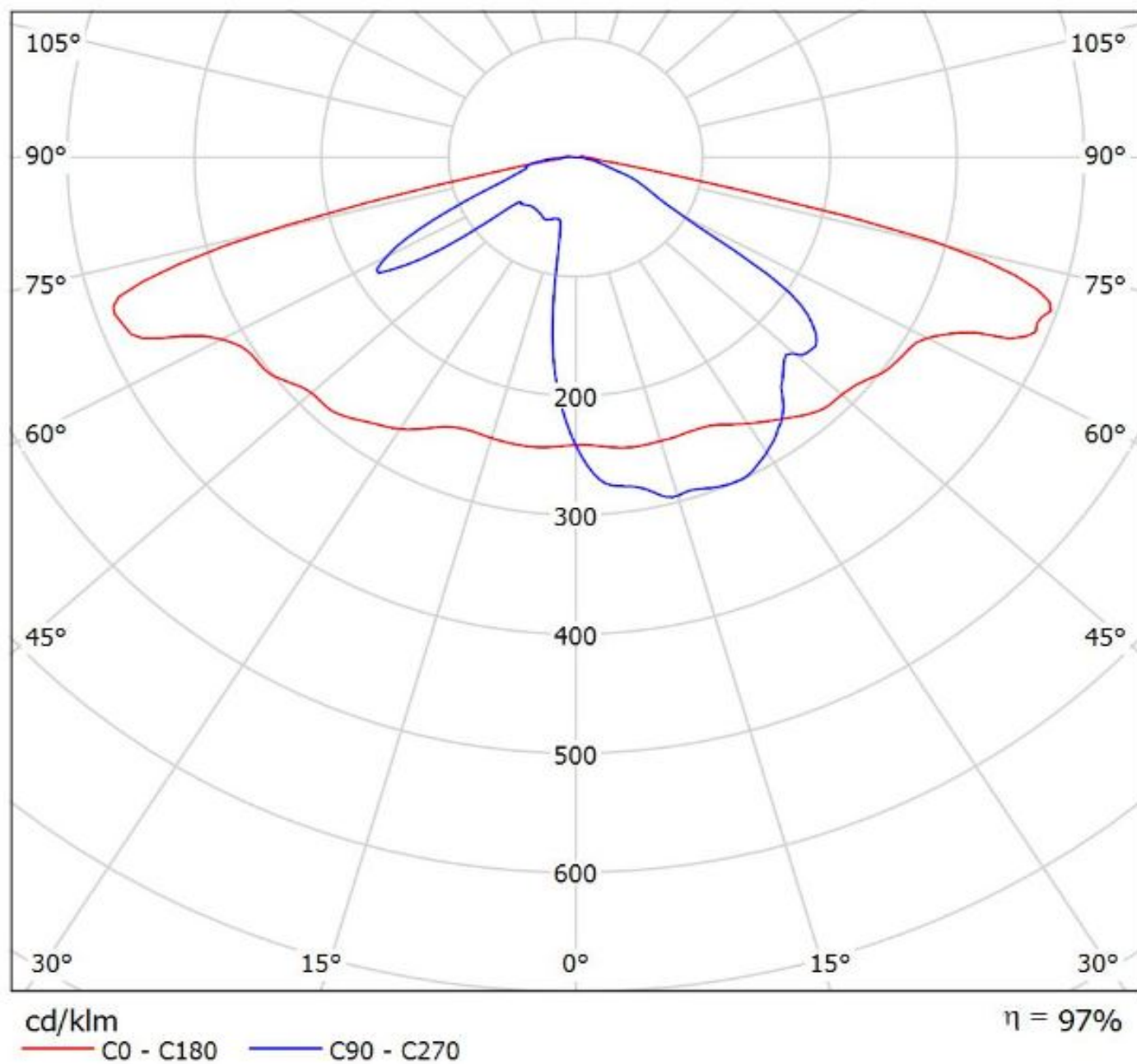
Luminaire: Ledil Oy CS14143_STRADA-IP-2X6-T3_OSRAM_DURIS_P9_SIMULATED
Lamps: 1 x OSRAM DURIS P9



Luminaire: LEDiL Oy CS14143_STRADA-IP-2X6-T3_Fortimo FastFlex LED board 2x6 DP G4
Lamps: 1 x Fortimo FastFlex LED board 2x6 DP G4

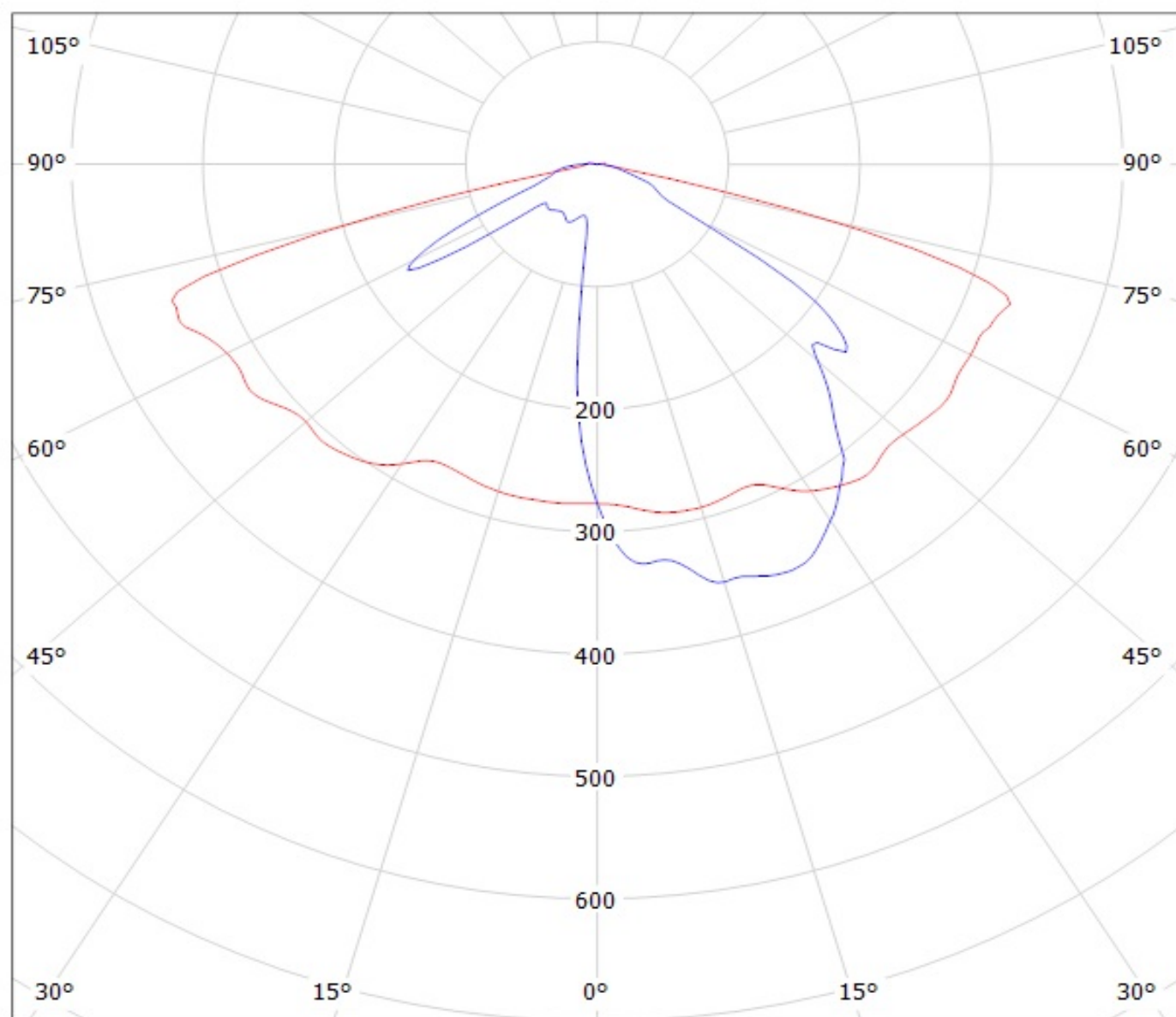


Luminaire: Ledil CS14143_STRADA-IP-2x6-T3_Fortimo FastFlex LED board 2x6 DPX G4
Lamps: 1 x Fortimo FastFlex LED board 2x6 DPX G4



Luminaire: LEDiL Oy CS14143_STRADA-IP-2X6-T3_(LH351Z)

Lamps: 1 x SAMSUNG_LH351Z_2x6_960.75lm@250mA_P=8.67003W_I=249.9mA



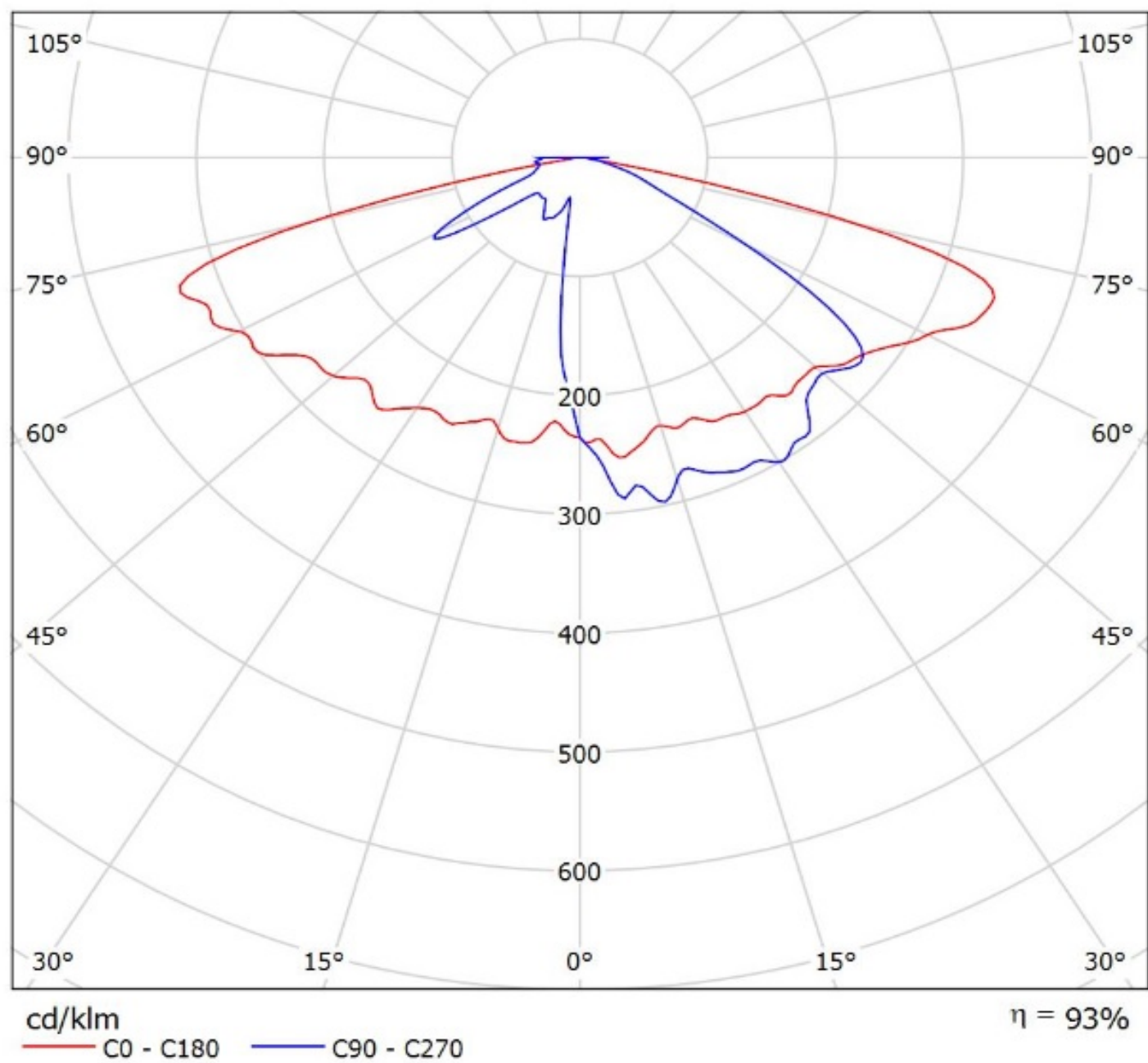
cd/klm

— C0 - C180

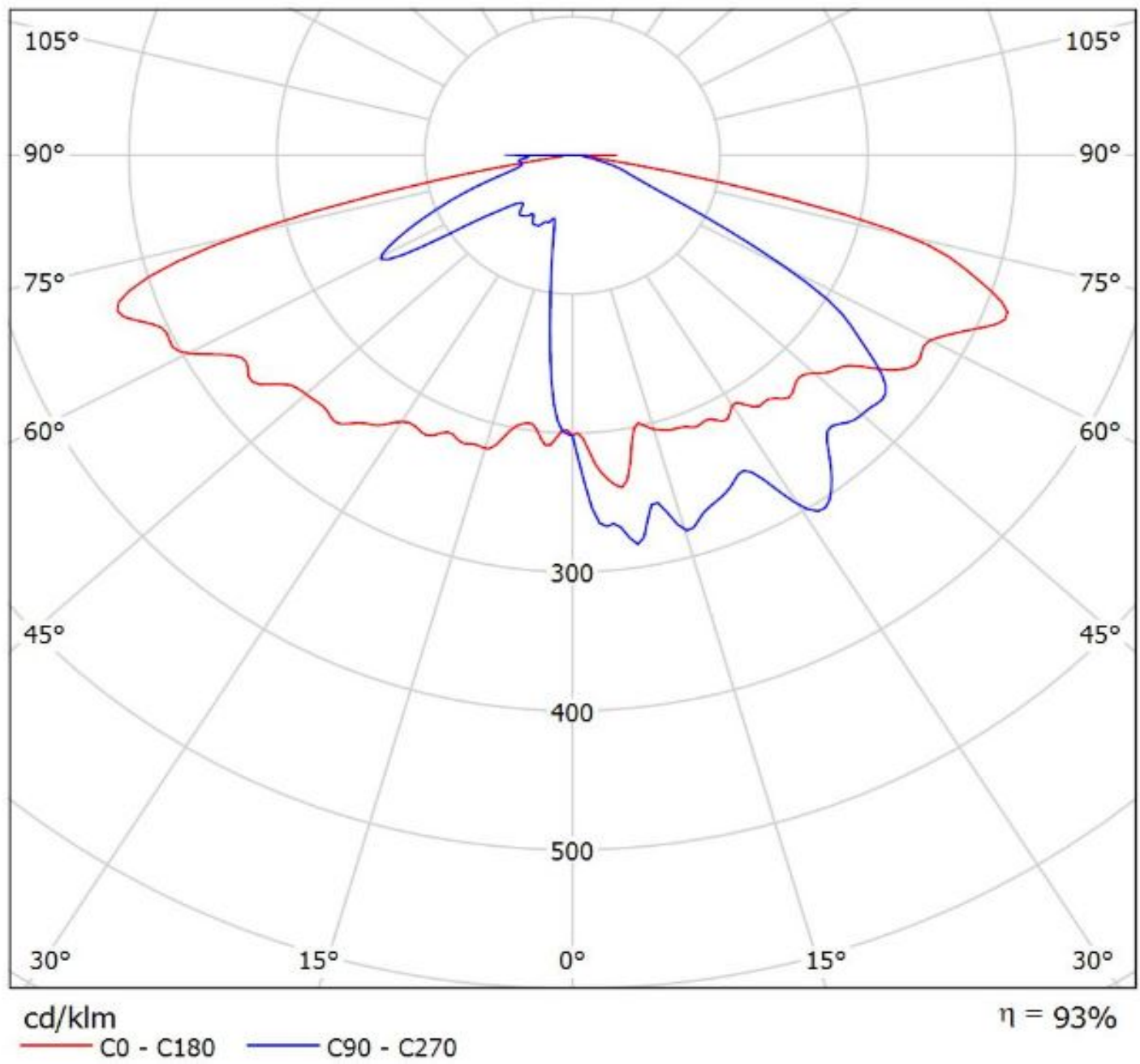
— C90 - C270

$\eta = 94\%$

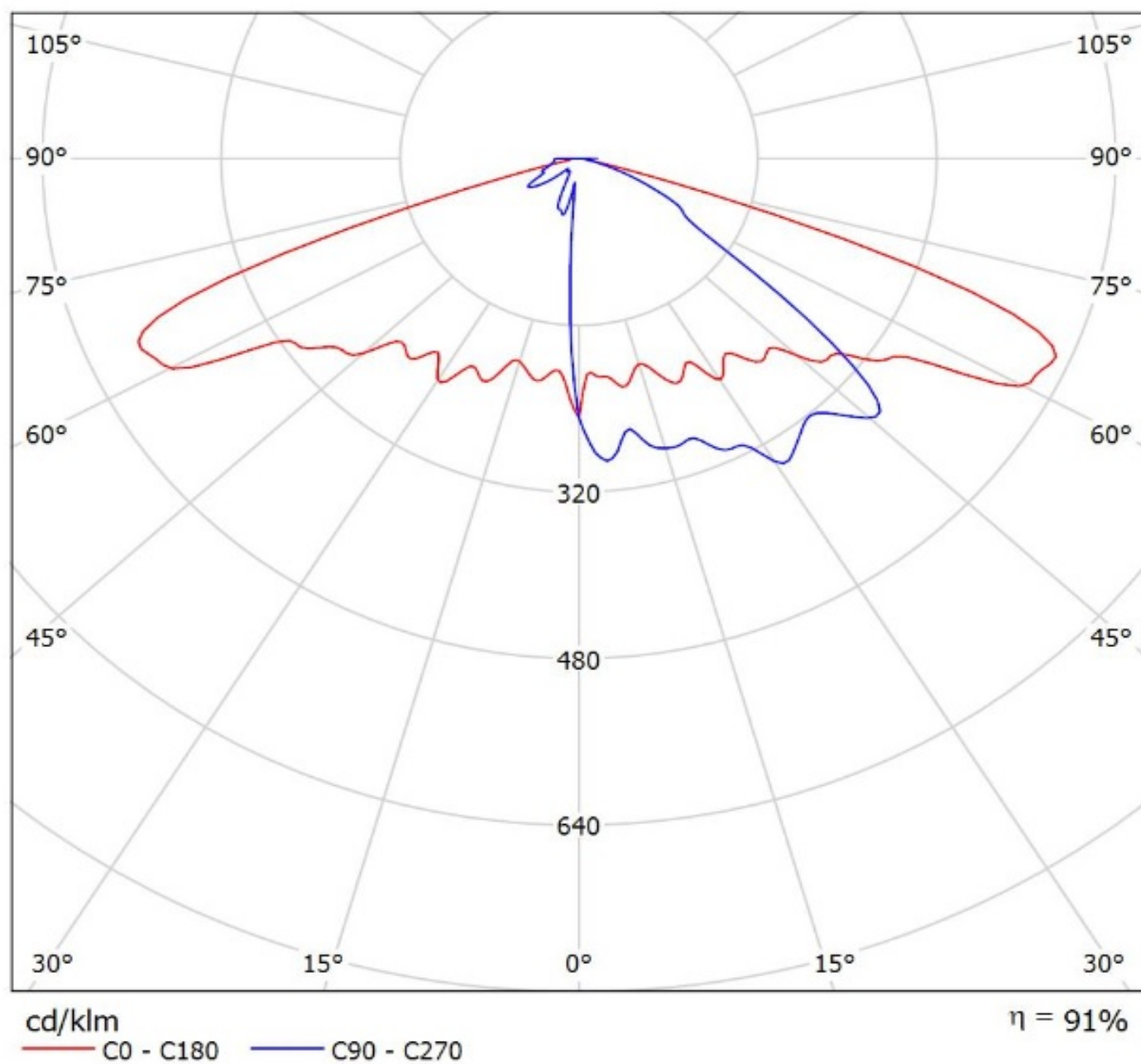
Luminaire: Ledil Oy CS14143_STRADA-IP-2X6-T3_(LH351B)_SIMULATED
Lamps: 1 x Samsubng LH351B



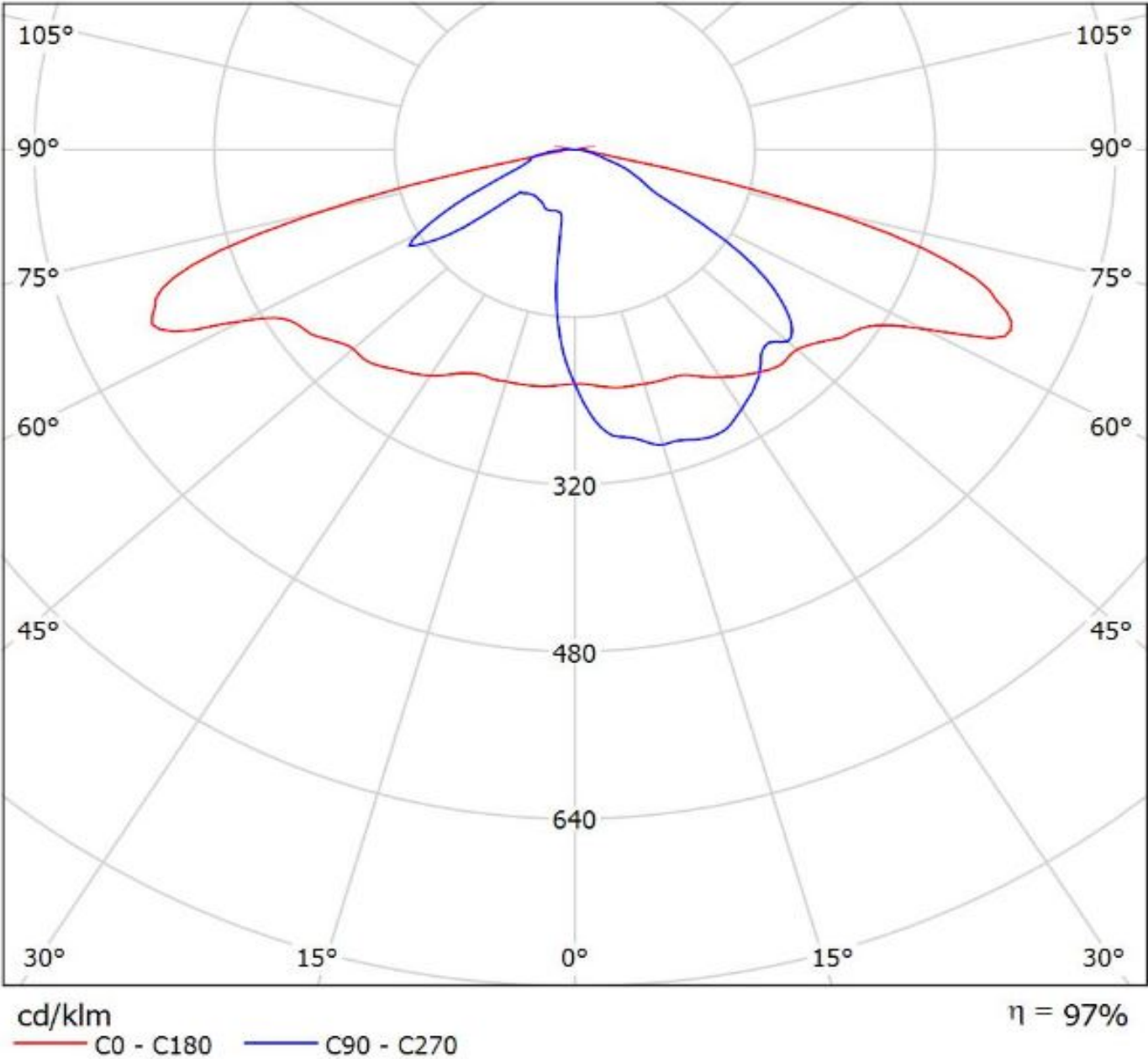
Luminaire: Ledil Oy CS14143_STRADA-IP-2X6-T3_(LH351D)_SIMULATED
Lamps: 1 x Samsung LH351D



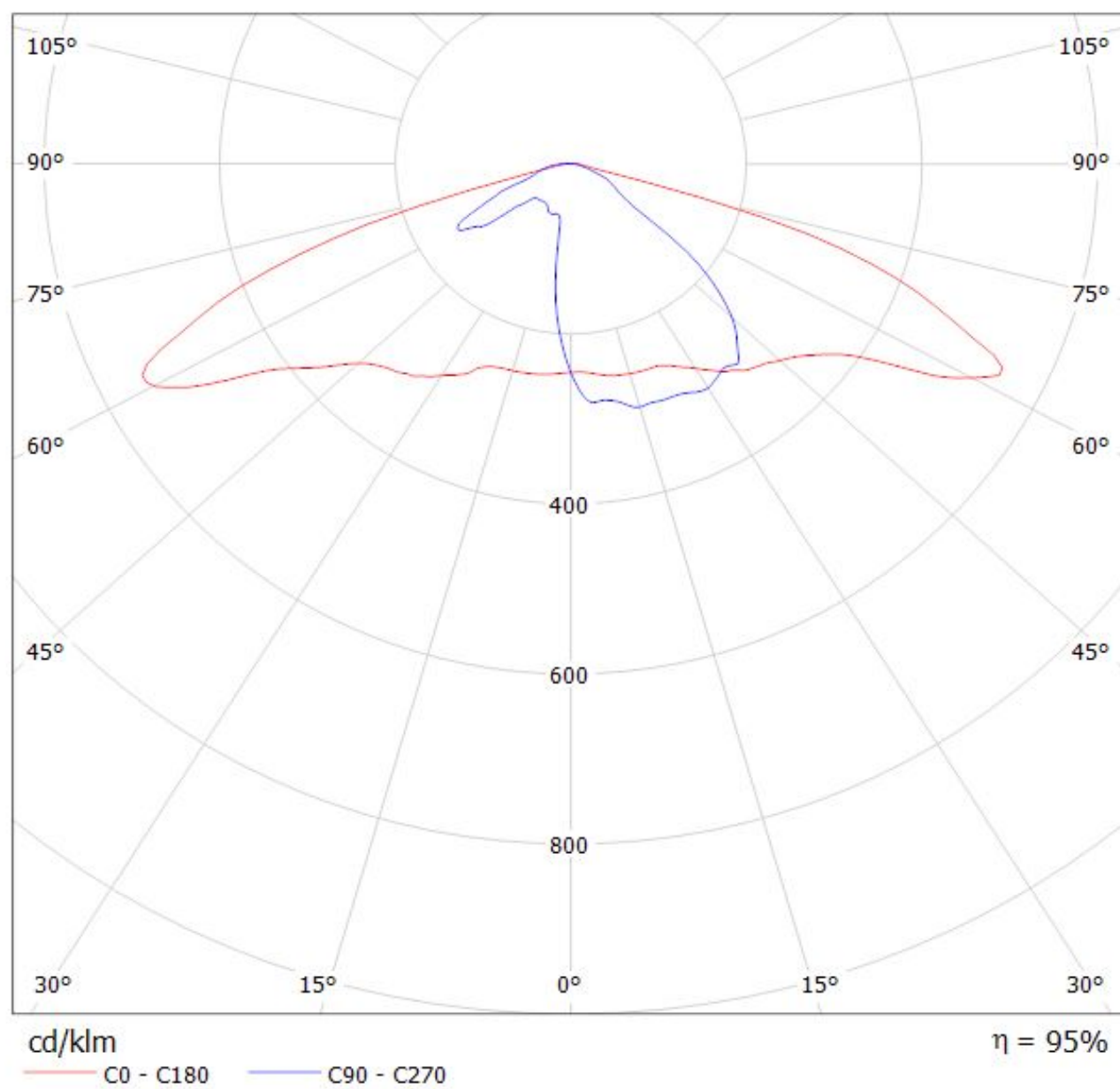
Luminaire: Ledil Oy CS14143_STRADA-IP-2X6-T3_(Z5M1)_SIMULATED
Lamps: 1 x Seoul Z5M1



Luminaire: Ledil CS14143_STRADA-IP-2X6-T3_(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 CS14143_STRADA-IP-2X6-T3_(SMJQ-D36W12Mx)
Lamps: 1 x Seoul_SMJQ-D36W12Mx_3765.02@700mA_P=23.6218W_η=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.