

DETAILS

Product Number	CS14055_STRADA-IP-2X6-T2
Family	Strada
Type	Assembly
Color	clear
Diameter	71,4x173 mm
Height	9,17 mm
Style	rectang
Optic Material	PMMA
Holder Material	
Fastening	
Status	production ready
ROHS Compliant	Yes
Date Updated	29/05/2017



OPTICAL PROPERTIES

LED	Viewing Angle	Light Beam	Efficiency	cd/lm	Connector
SMD 5050	Asymmetric deg	Asymmetric	94 %	0.660	-
XT-E	Asymmetric deg	Asymmetric	94 %	1.000	-
XP-G	Asymmetric deg	Asymmetric	94 %	1.000	-
XP-G2	Asymmetric deg	Asymmetric	94 %	1.000	-
XP-L	asymmetric deg	Asymmetric	94 %	0.770	-
XHP35 HD	sim: Asymmetric	Asymmetric	sim: 88 %	sim: 0.680	-
XHP35 HI	sim: Asymmetric	Asymmetric	sim: 90 %	sim: 0.700	-
XP-G3	sim: Asymmetric	Asymmetric	sim: 88 %	sim: 0.750	-
XP-L2	Asymmetric deg	Asymmetric	94 %	0.700	-
H35C1 (LEMWA33)	asymmetric deg	Asymmetric	94 %	1.000	-
LUXEON R	Asymmetric deg	Asymmetric	94 %	0.980	-
LUXEON Rebel ES	Asymmetric deg	Asymmetric	94 %	0.970	-
LUXEON Z ES	asymmetric deg	Asymmetric	94 %	1.600	-
LUXEON T	Asymmetric deg	Asymmetric	94 %	1.000	-
LUXEON TX	sim: Asymmetric	Asymmetric	sim: 88 %	-	-
LUXEON XR-TX (L2T0-xyy012M)	Asymmetric deg	Asymmetric	94 %	1.050	-
LUXEON 5050	sim: Asymmetric	Asymmetric	sim: 90 %	sim: 0.630	-
NVSxx19B/NVSxx19C	Asymmetric deg	Asymmetric	94 %	0.980	-
Oslon Square PC	Asymmetric deg	Asymmetric	94 %	1.000	-
Duris S8	sim: Asymmetric	Asymmetric	sim: 91 %	sim: 0.740	-
Duris P8	sim: Asymmetric	Asymmetric	sim: 90 %	sim: 0.840	-
Fortimo FastFlex LED board 2x6 DP G4	Asymmetric deg	Asymmetric	94 %	1.000	-
Fortimo FastFlex LED board 2x6 DPX G4	sim: Asymmetric	Asymmetric	sim: 88 %	sim: 0.750	-
LH351Z	asymmetric deg	Asymmetric	94 %	1.100	-
Acrich MJT 4040	sim: Asymmetric	Asymmetric	-	-	-



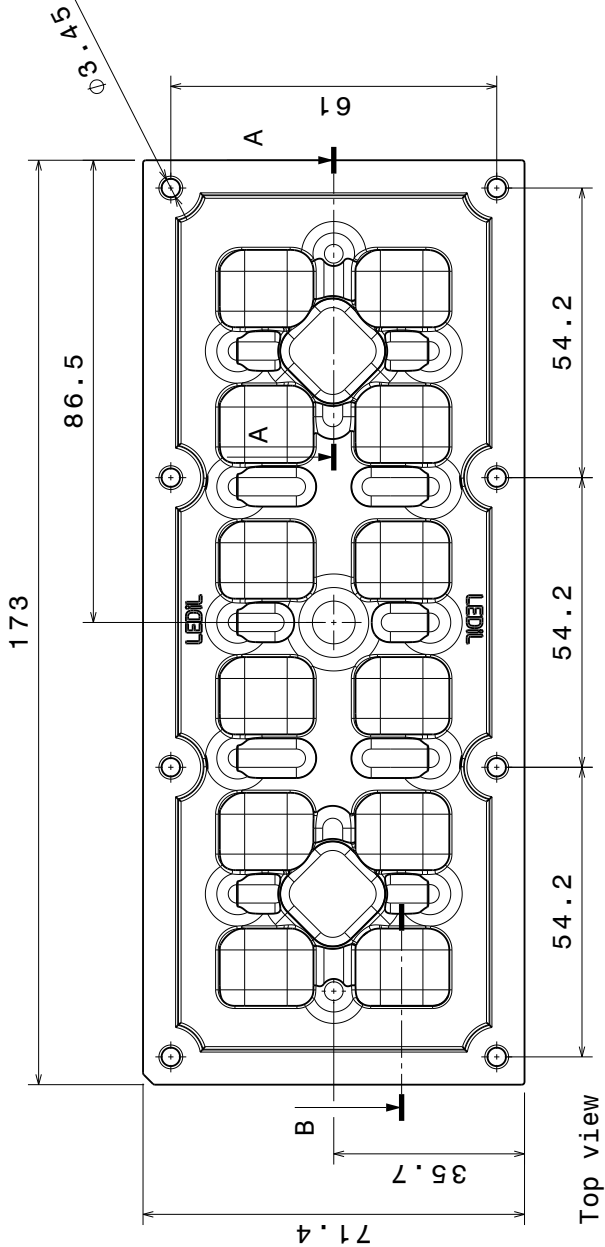
PRODUCT DATASHEET

Strada series

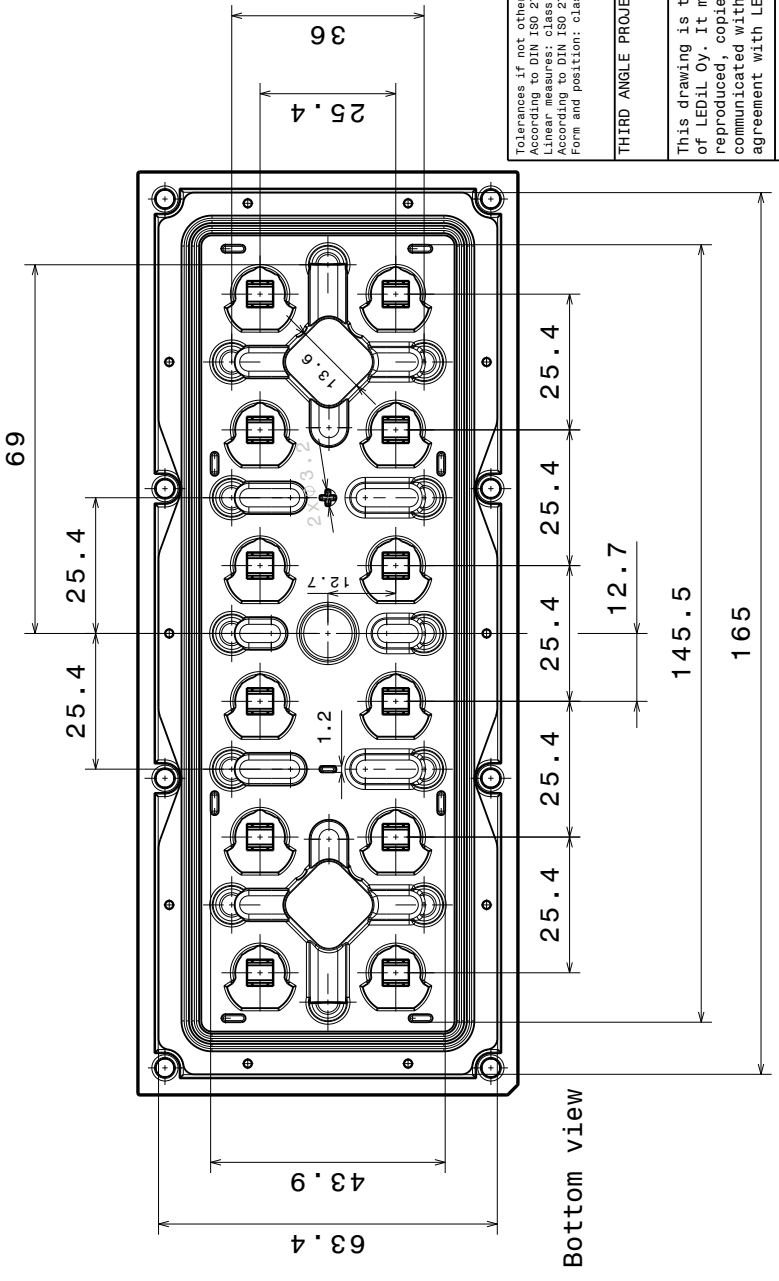
last update 29/5/2017

OPTICAL PROPERTIES

LED	Viewing Angle	Light Beam	Efficiency	cd/lm	Connector
Z5M	sim: Asymmetric	Asymmetric	sim: 89 %	0.850	-
Z5M1/Z5M2	sim: Asymmetric	Asymmetric	sim: 90 %	sim: 0.990	-
Z8Y22P	Asymmetric deg	Asymmetric	94 %	0.880	-
TL1L3	sim: Asymmetric	Asymmetric	sim: 86 %	-	-
TL1L2	sim: Asymmetric	Asymmetric	sim: 88 %	-	-
TL1L4	Asymmetric deg	Asymmetric	93 %	0.970	-

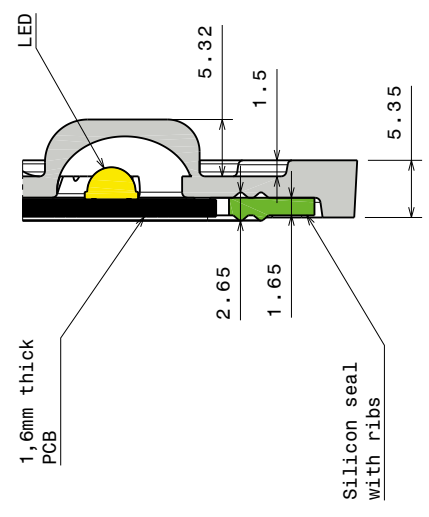


Top view

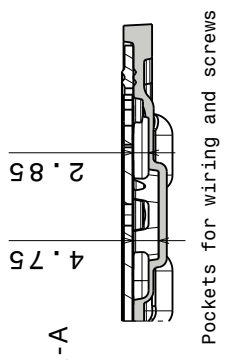


Bottom view

Section view B-B
Scale: 2:1



Section view A-A



INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	C14018	2X6-SEAL25	Silicone	white
2	C13363	STRADA-IP-2X6-T2	PMMA	clear

Tolerances if not otherwise shown according to DIN ISO 2768-1
Form and position: class M
According to DIN ISO 2768-2
Form and position: class L

LEDIL
Ledil Oy
Salorankatu 10
FIN 24240 SALO
Finland

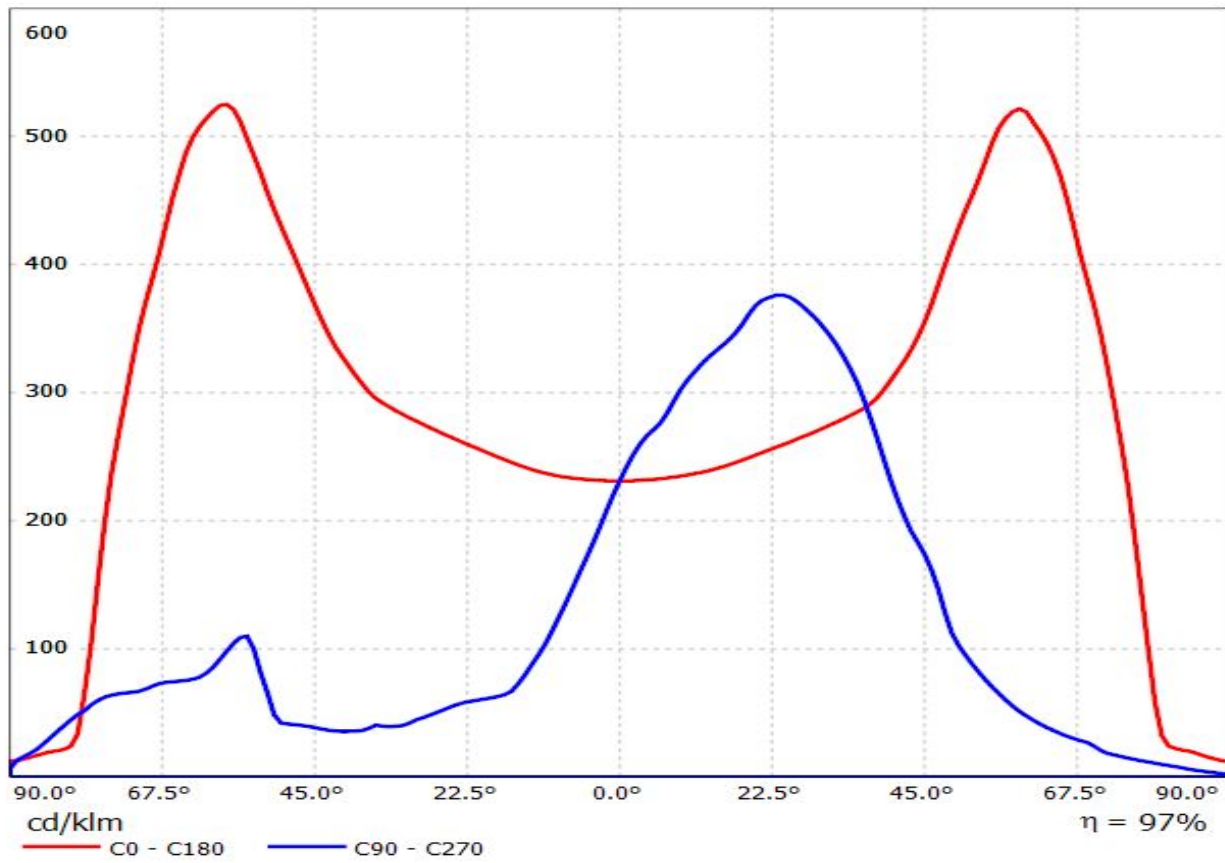
THIRD ANGLE PROJECTION:

This drawing is the property of LEDIL Oy. It may not be reproduced, copied or communicated without a written agreement with LEDIL Oy.

DRAWING TITLE		CS14055_STRADA-IP-2X6-T2	
SIZE	PART NUMBER		
A3	CS14055		
SCALE	1:1	WEIGHT	58,25 g
		SHEET	1/2

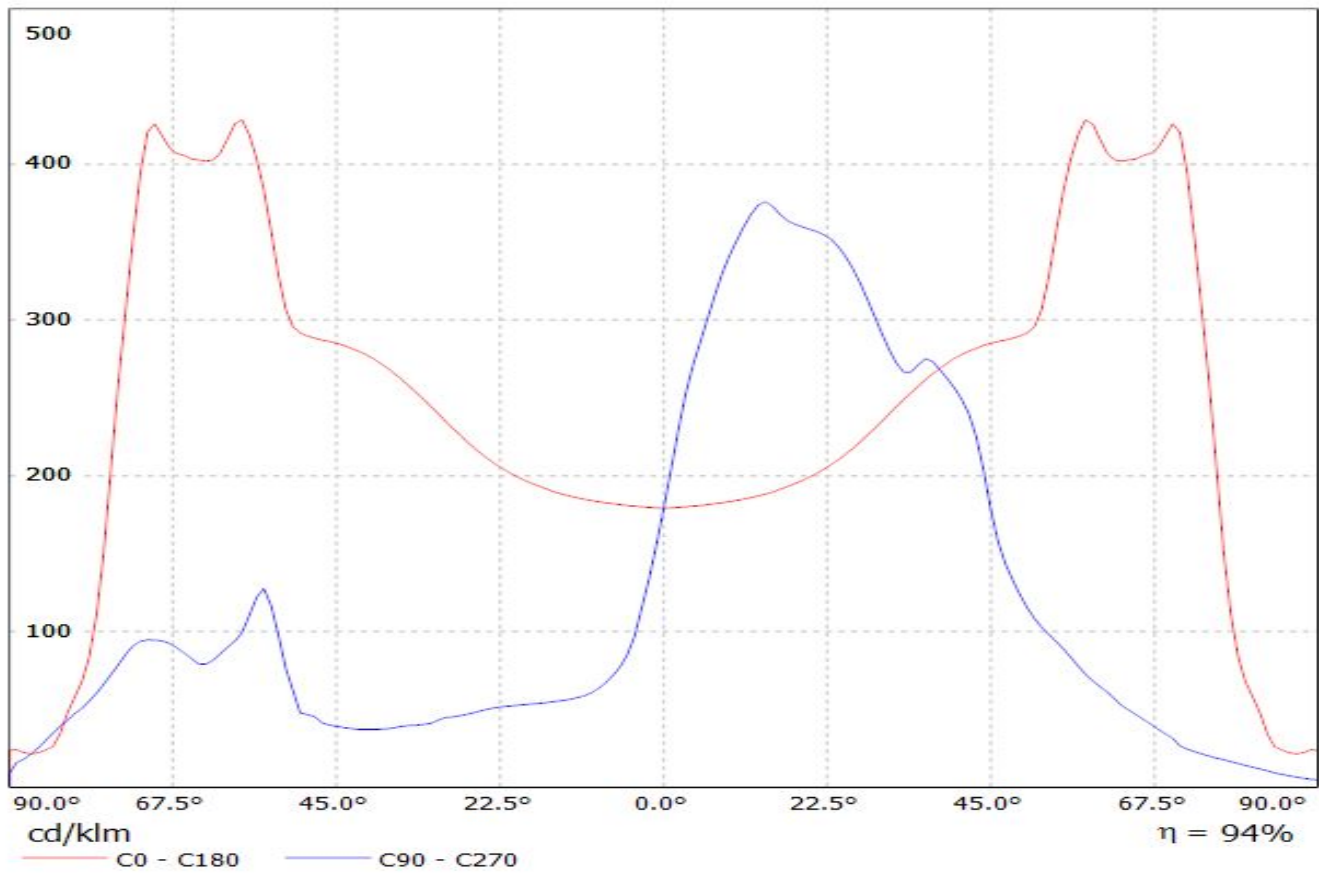
Luminaire: LEDiL Oy CS14055_STRADA-IP-2X6-T2_(Bridgelux_5050_Gen2)

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

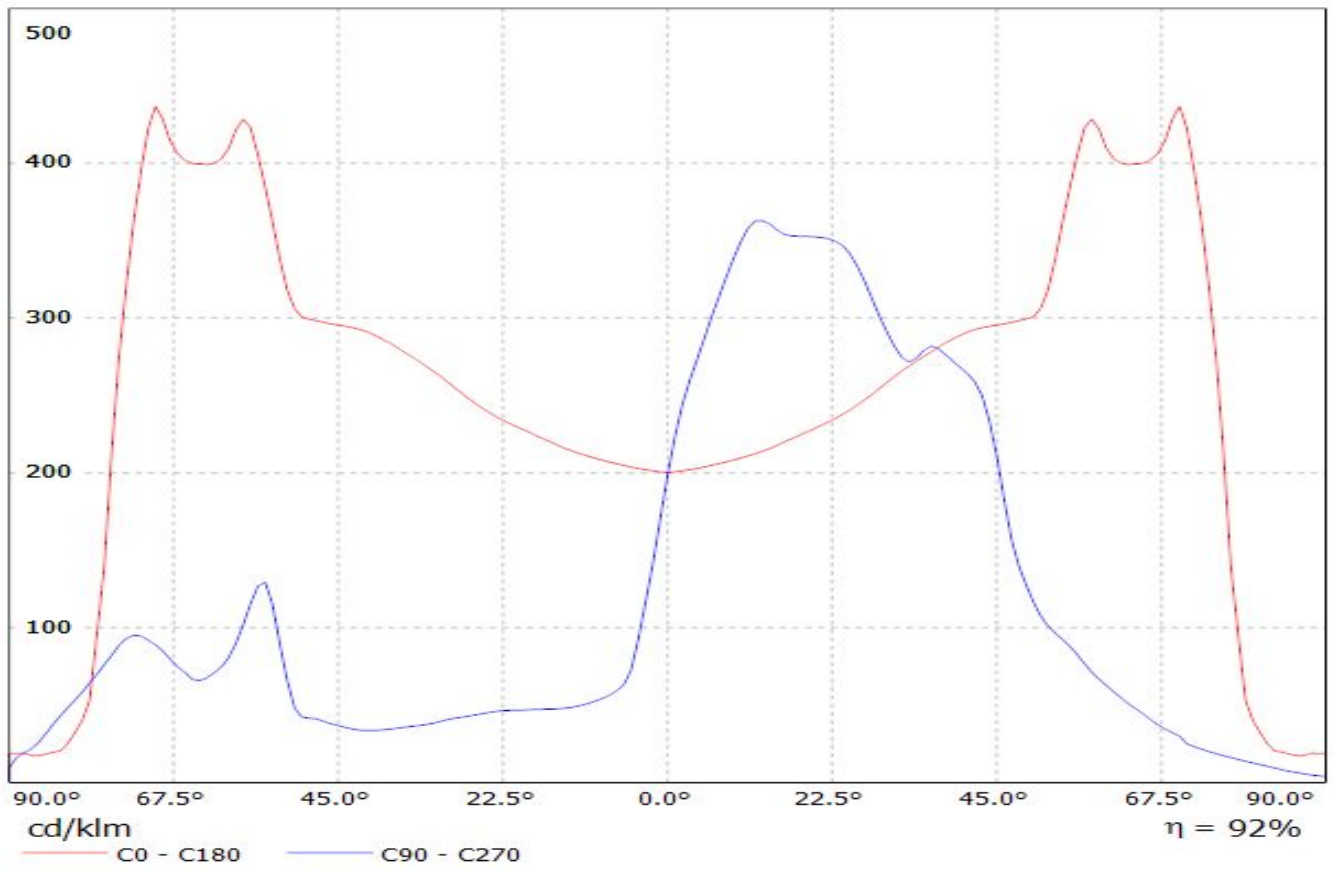


Luminaire: LEDiL Oy CS14055_STRADA-IP-2X6-T2_(XT-E)

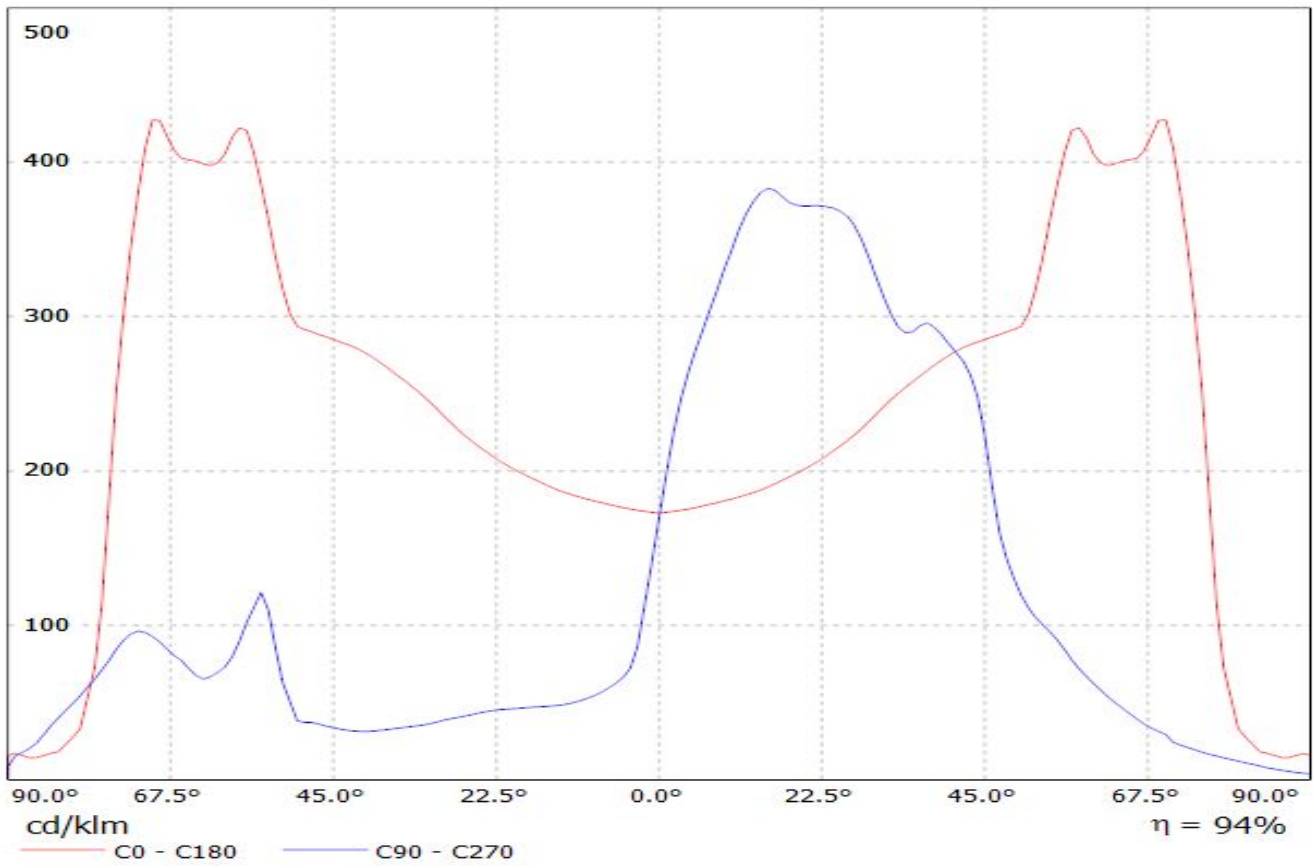
Lamps: 1 x CREE_XT-E_6x2_(XTEAWT-00-0000-000000HE4)_1265.91lm@250mA_P=8.86191W_I=249.8mA



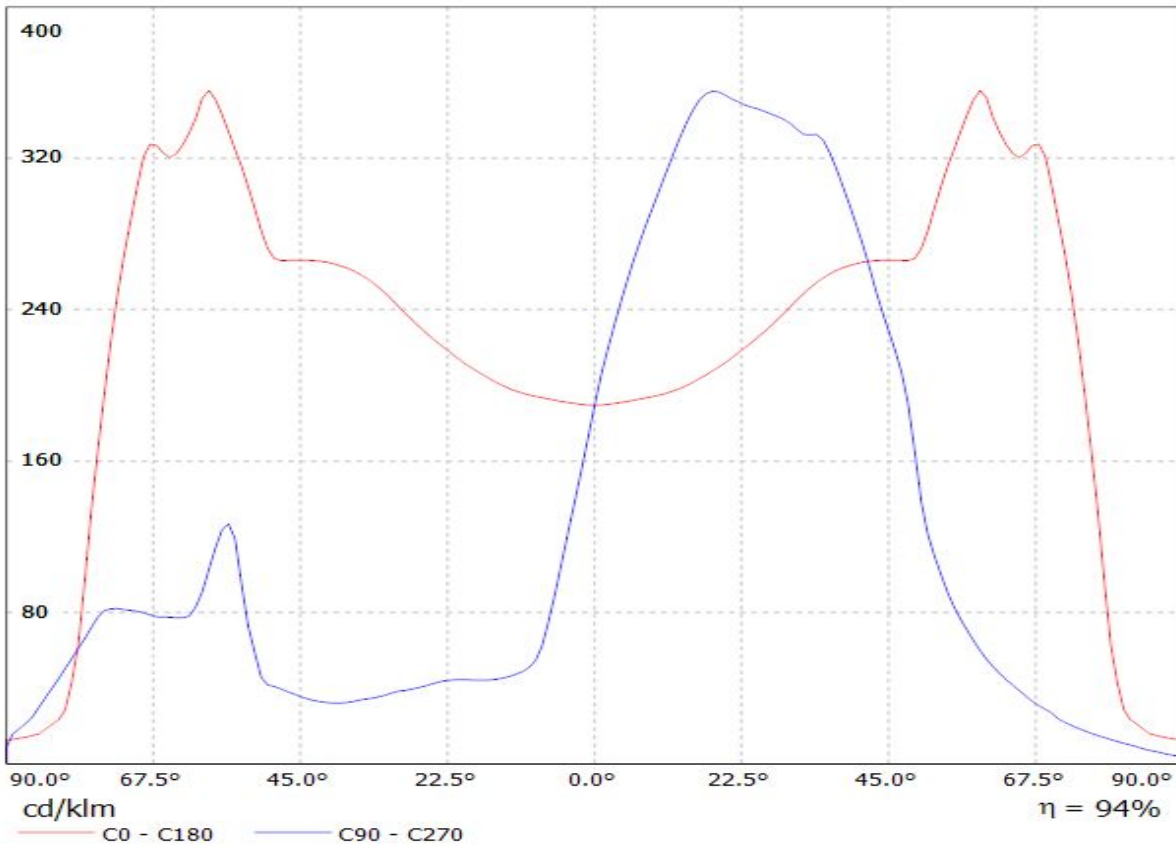
Luminaire: LEDiL Oy CS14055_STRADA-IP-2X6-T2_(XP-G)
Lamps: 1 x CREE_XP-G_1138.9lm@250mA_P=8.72152W_I=249.8mA



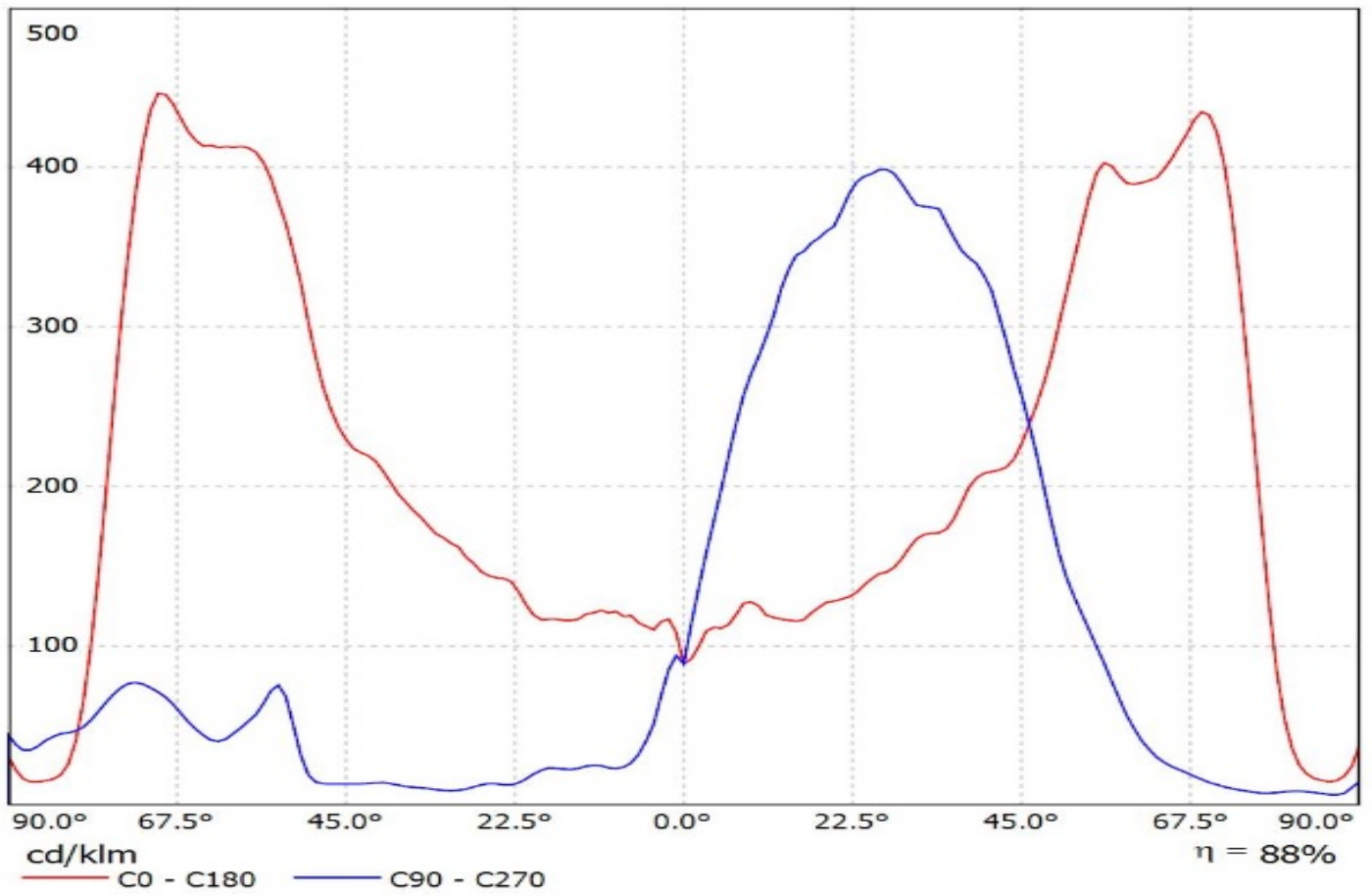
Luminaire: LEDiL Oy CS14055_STRADA-IP-2X6-T2_(XP-G2)
Lamps: 1 x CREE_XP-G2_787lm@250mA_P=8.52467W_I=249.8mA



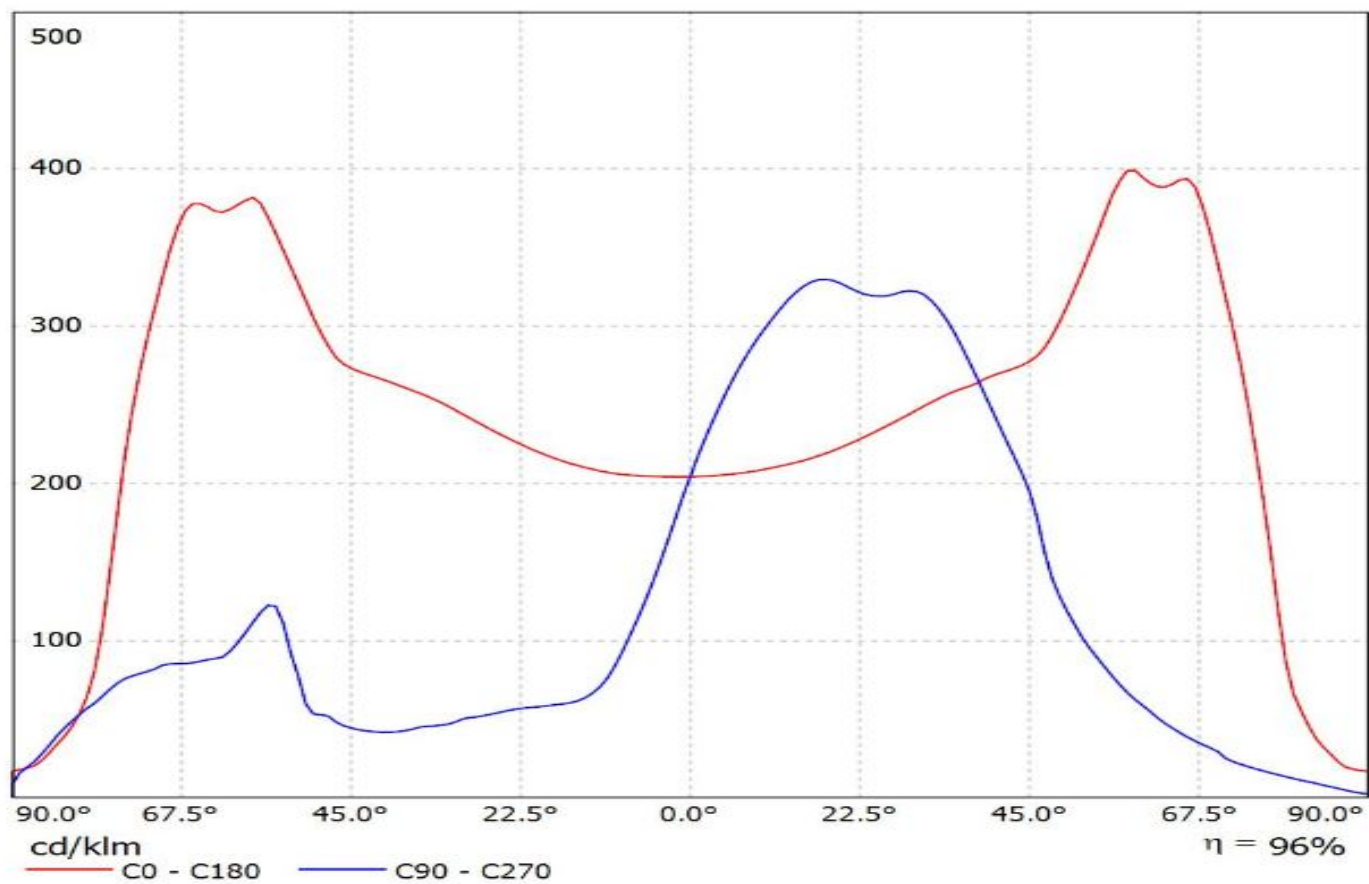
Luminaire: LEDiL Oy CS14055_STRADA-IP-2X6-T2_(XP-L)
Lamps: 1 x CREE_XP-L_2x6_(XPLAWT-0-7A3-U50-0H-0001)_1253.88lm@250mA_P=8.22317W_I=249.8mA



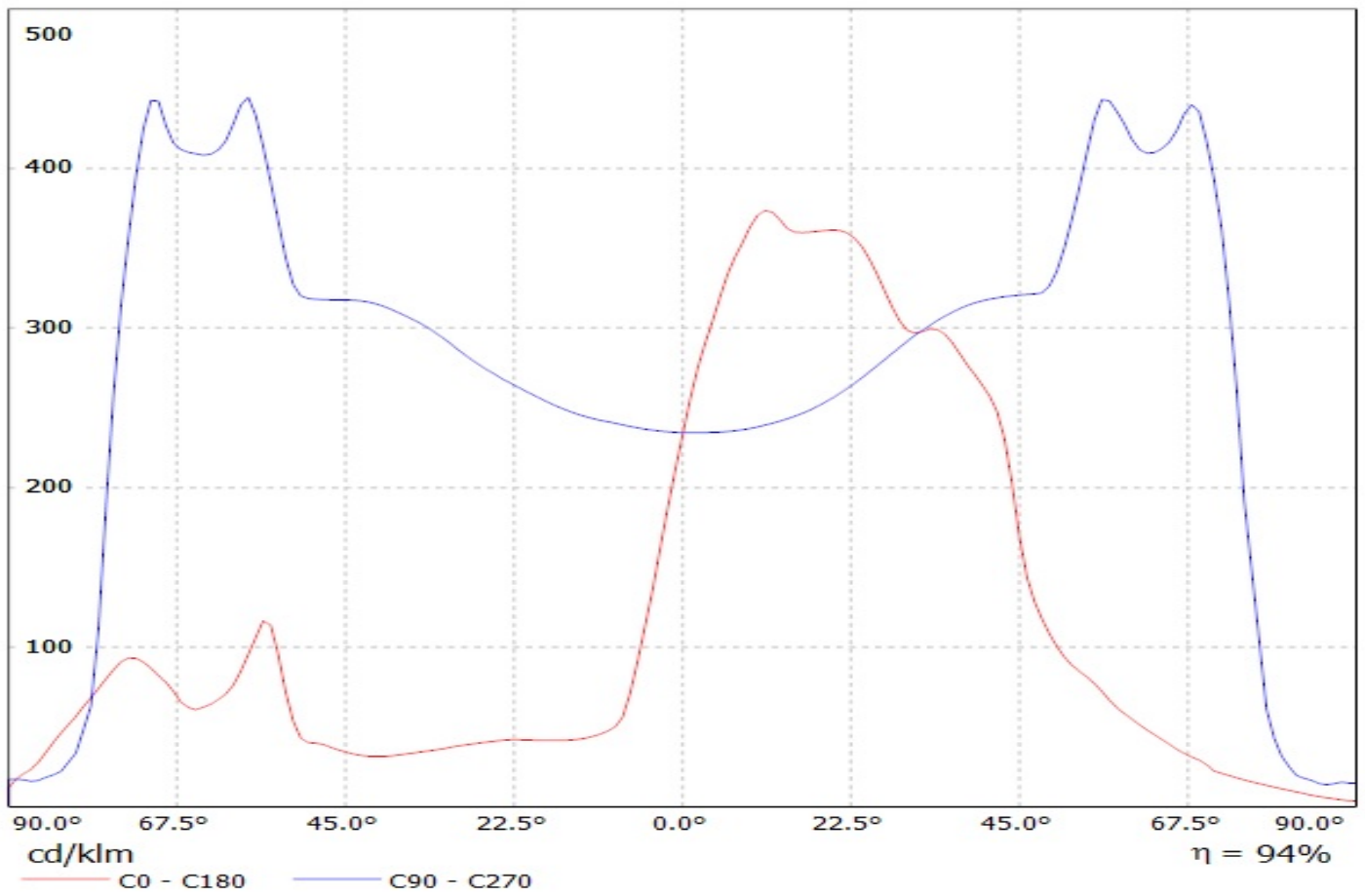
Luminaire: Ledil Oy CS14055_STRADA-IP-2X6-T2_(XP-G3)_SIMULATED
Lamps: 1 x Cree XP-G3



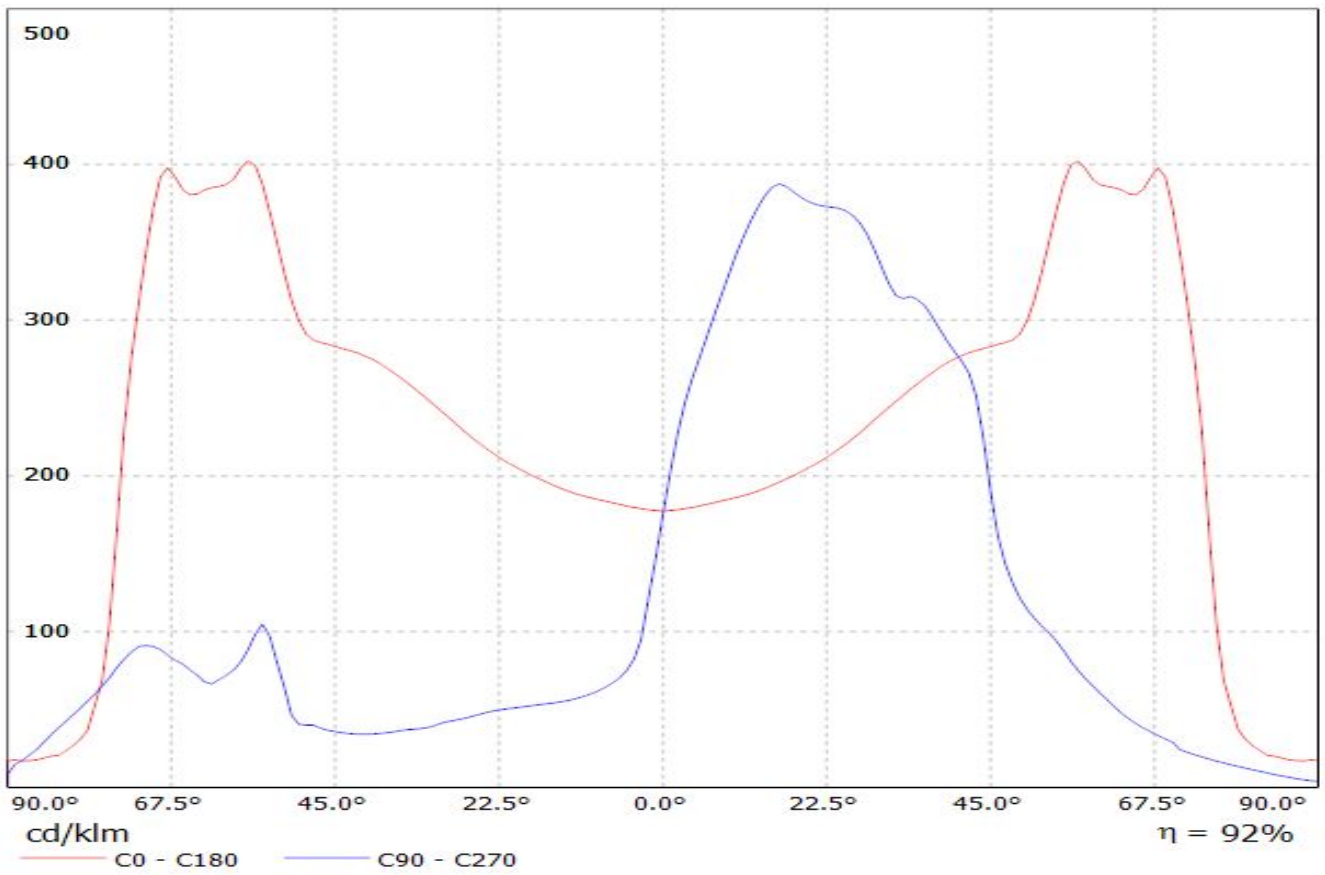
Luminaire: Ledil CS14055_STRADA-IP-2X6-T2_(XP-L2)
Lamps: 1 x Cree_XP-L2x12_(XPGBWT-H1-3B0-R5-0-01)
1666.32lm@250mA_CCT=5000_P=8.239W_I=0.25A



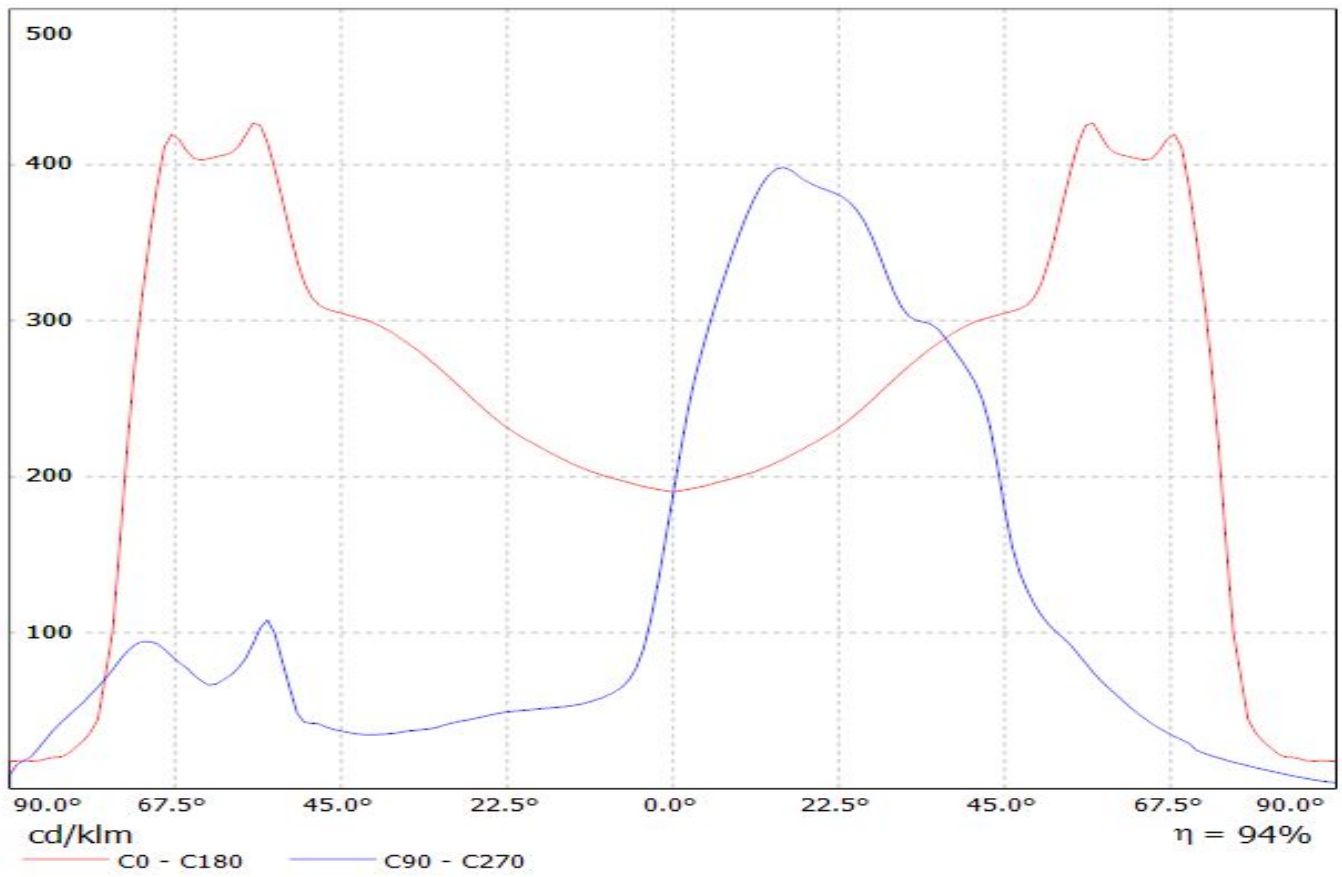
Luminaire: LEDiL Oy CS14055_STRADA-IP-2X6-T2_(LG_3535_H35C1) Eff: 94%
Lamps: 1 x LG_3535_H35C1_2x6_1368.4lm@250mA_P=8.55408W_I=249.9mA



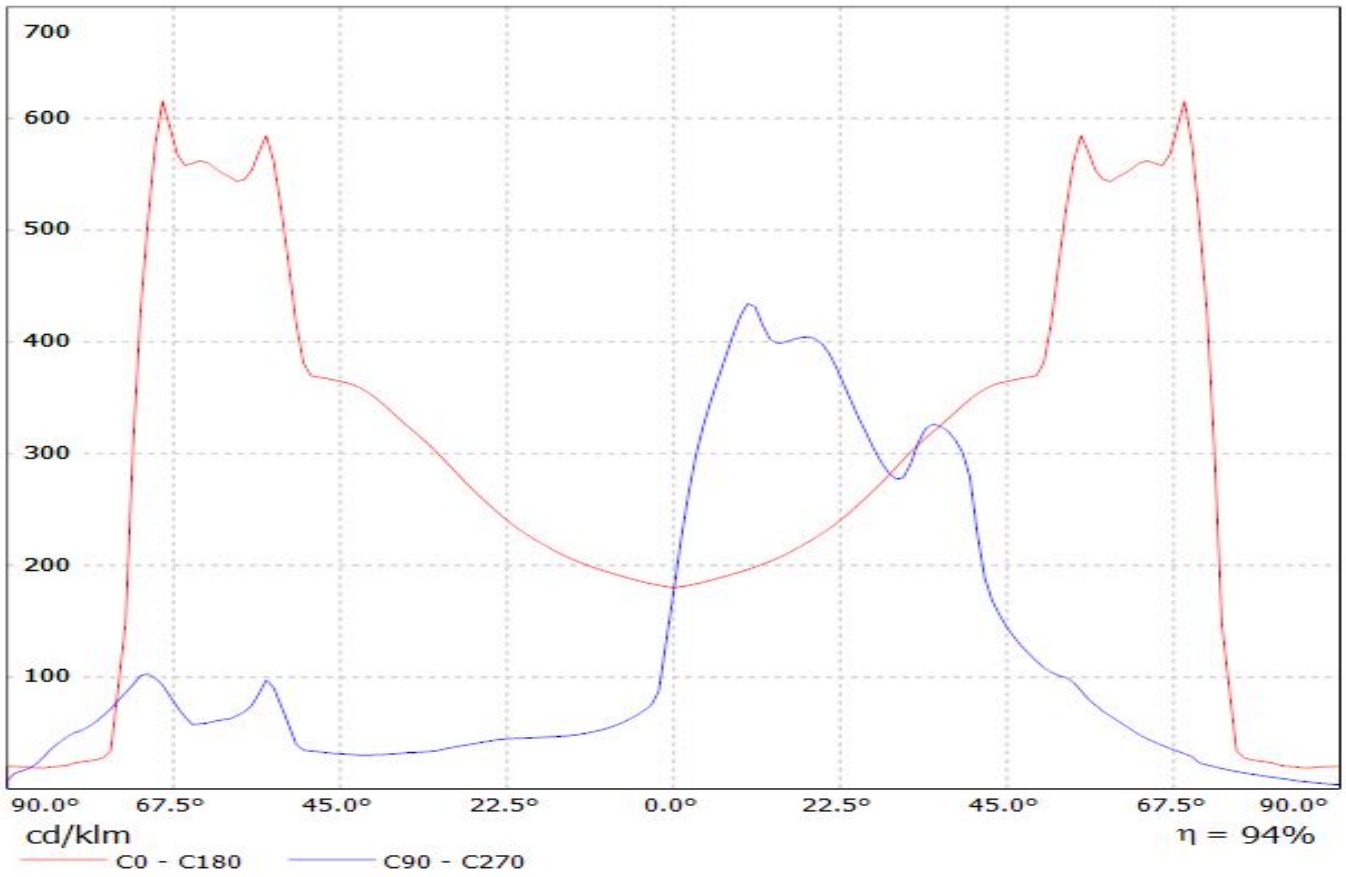
Luminaire: LEDiL Oy CS14055_STRADA-IP-2X6-T2_(LUXEON_R)
Lamps: 1 x LUXEON_R_1136.4lm@250mA_P=8.29211W_I=249.8mA



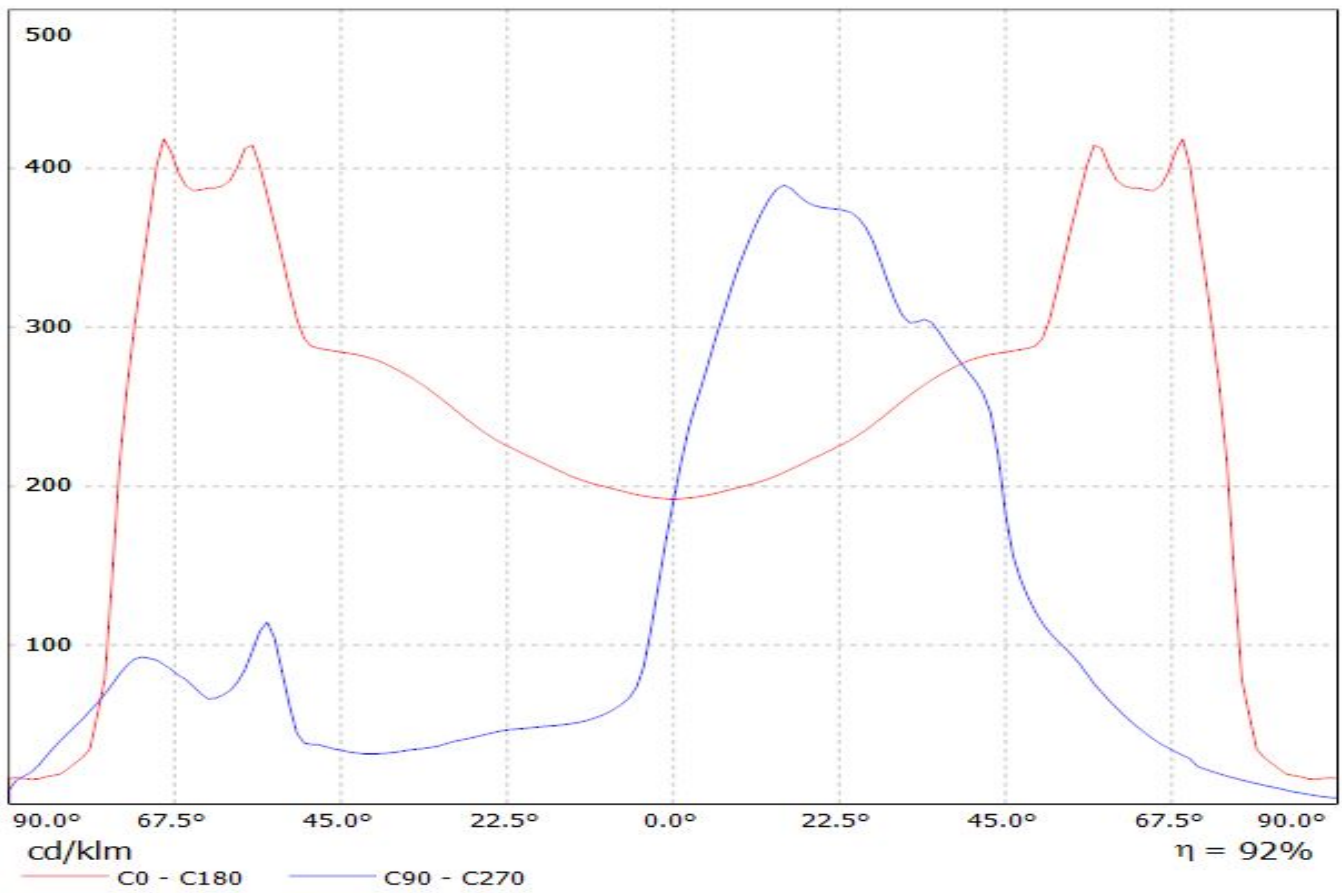
Luminaire: LEDiL Oy CS14055_STRADA-IP-2X6-T2_(REBEL-ES)
Lamps: 1 x LUXEON_REBEL-ES_852.7lm@250mA_P=9.03202W_I=249.8mA



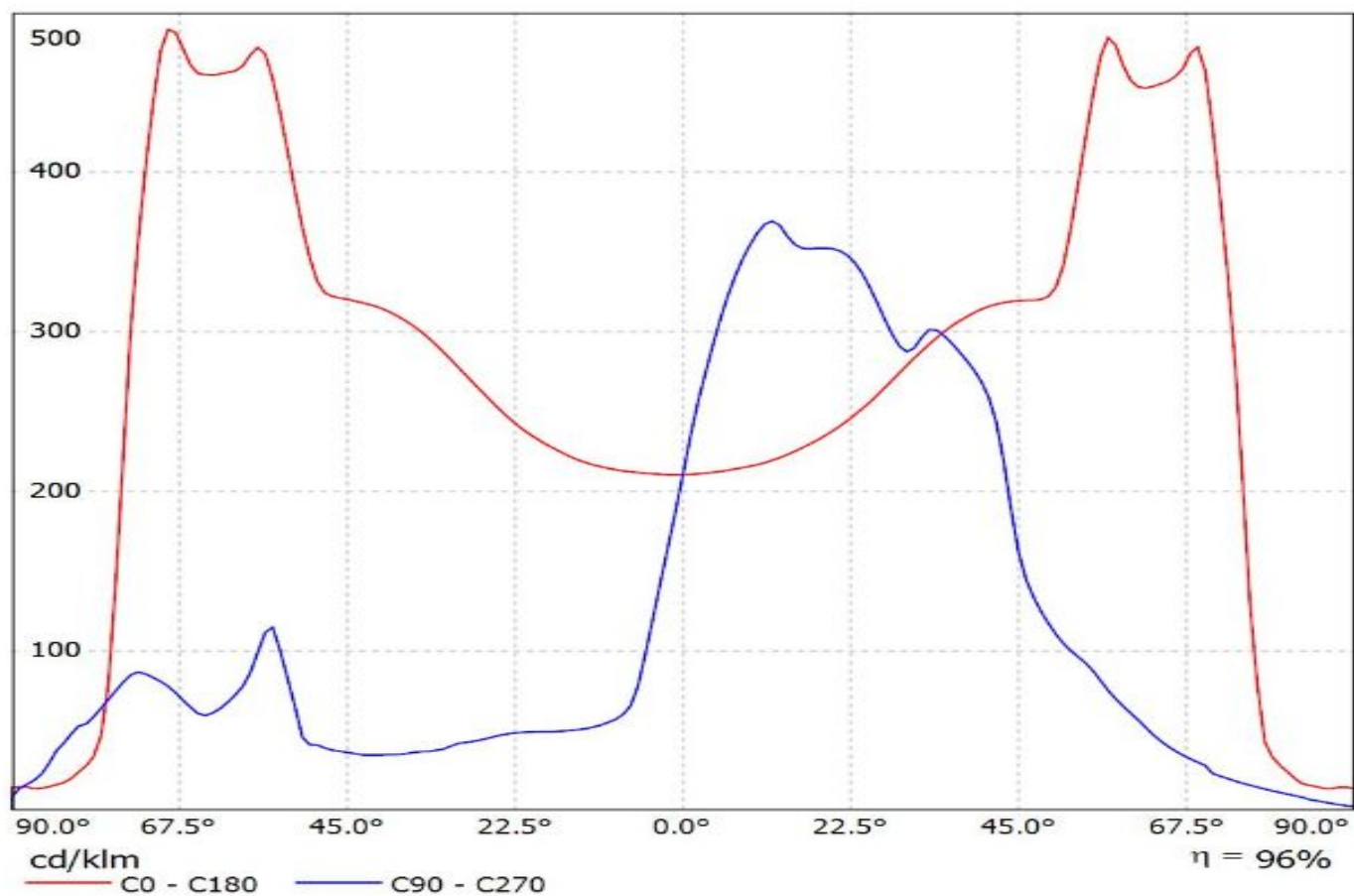
Luminaire: LEDiL Oy CS14055_STRADA-IP-2X6-T2_(LUXEON_Z_ES) Eff.94.3%
Lamps: 1 x LUXEON_Z_ES_970.851lm@250mA_P=8.31159W_I=249.8mA



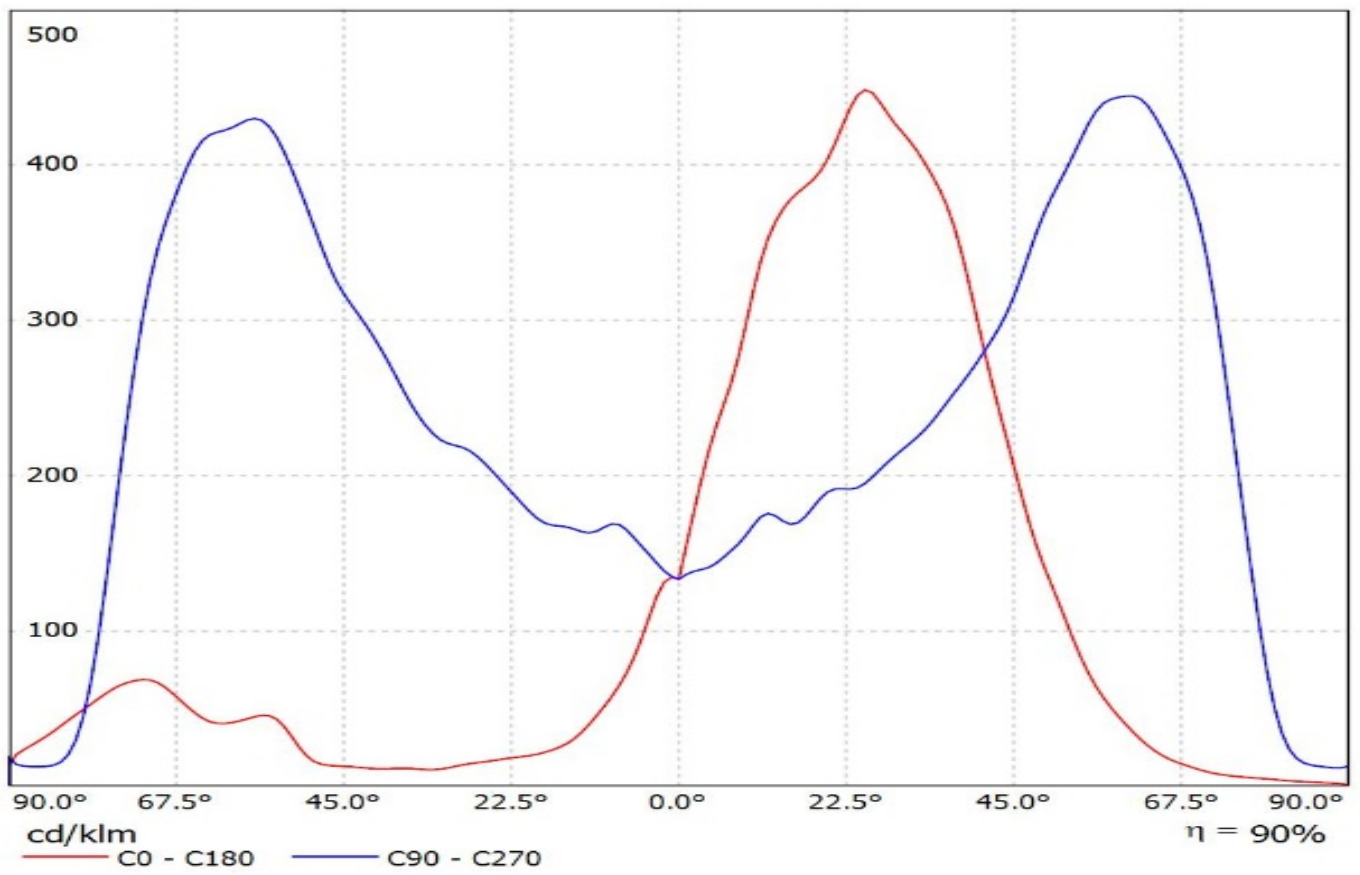
Luminaire: LEDiL Oy CS14055_STRADA-IP-2X6-T2_(LUXEON_T) Eff.94.0%
Lamps: 1 x LUXEON_T_6x2_(LXH8-FW30)_1044.9lm@250mA_P=8.46572W_I=249.8mA



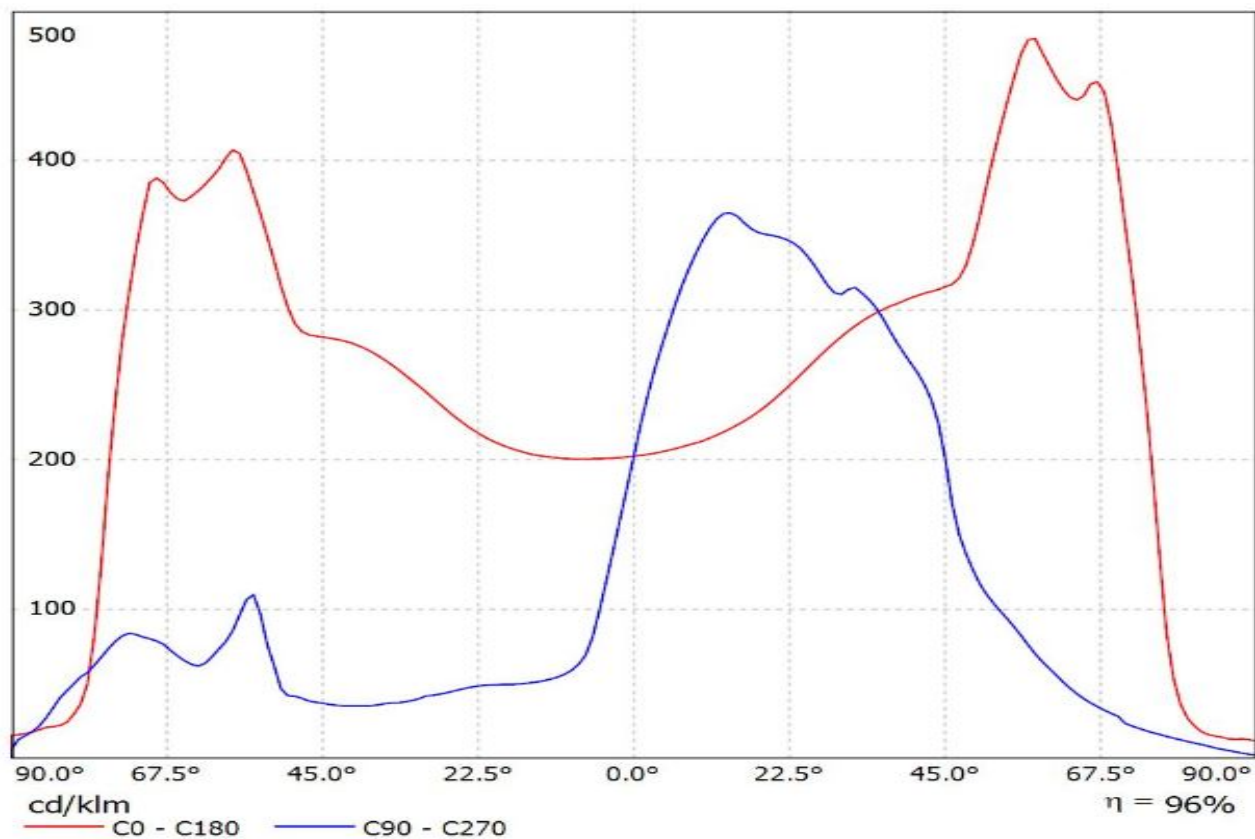
Luminaire: Ledil CS14055_STRADA-IP-2X6-T2_(XR-TX)
Lamps: 1 x Luxeon_XR-TX_1377.67lm@250mA_P=8.3973W_I=0.250A



Luminaire: Ledil Oy CS14055_STRADA-IP-2X6-T2_LUXEON-5050_SIMULATED
Lamps: 1 x Lumileds Luxeon 5050

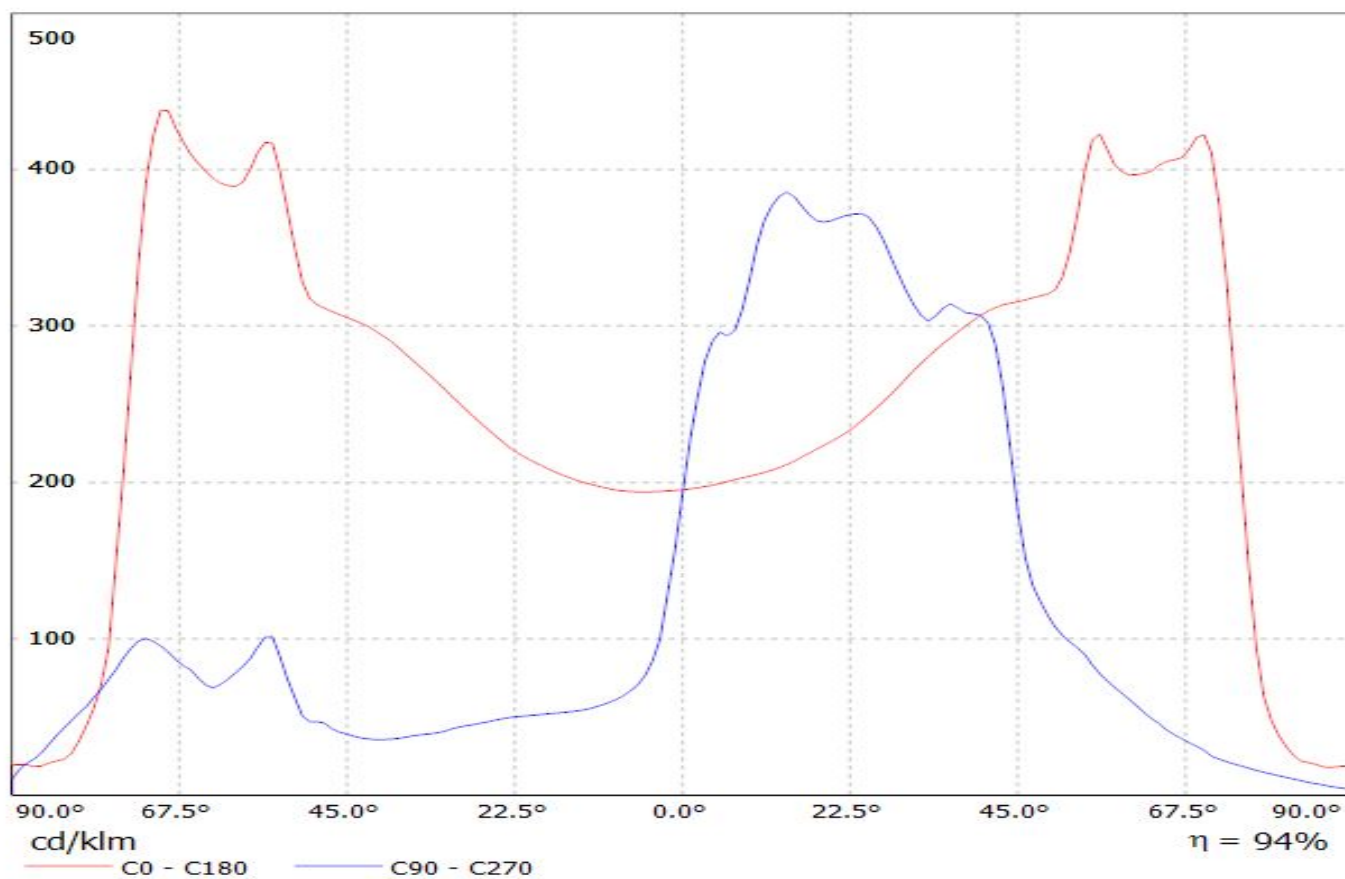


Luminaire: Ledil CS14055_STRADA-IP-2X6-T2_(NVSL219CT)
Lamps: 1 x Nichia_NVSL219CT_2x6_1262.53lm@250mA_P=8.35825W_I=0.25A

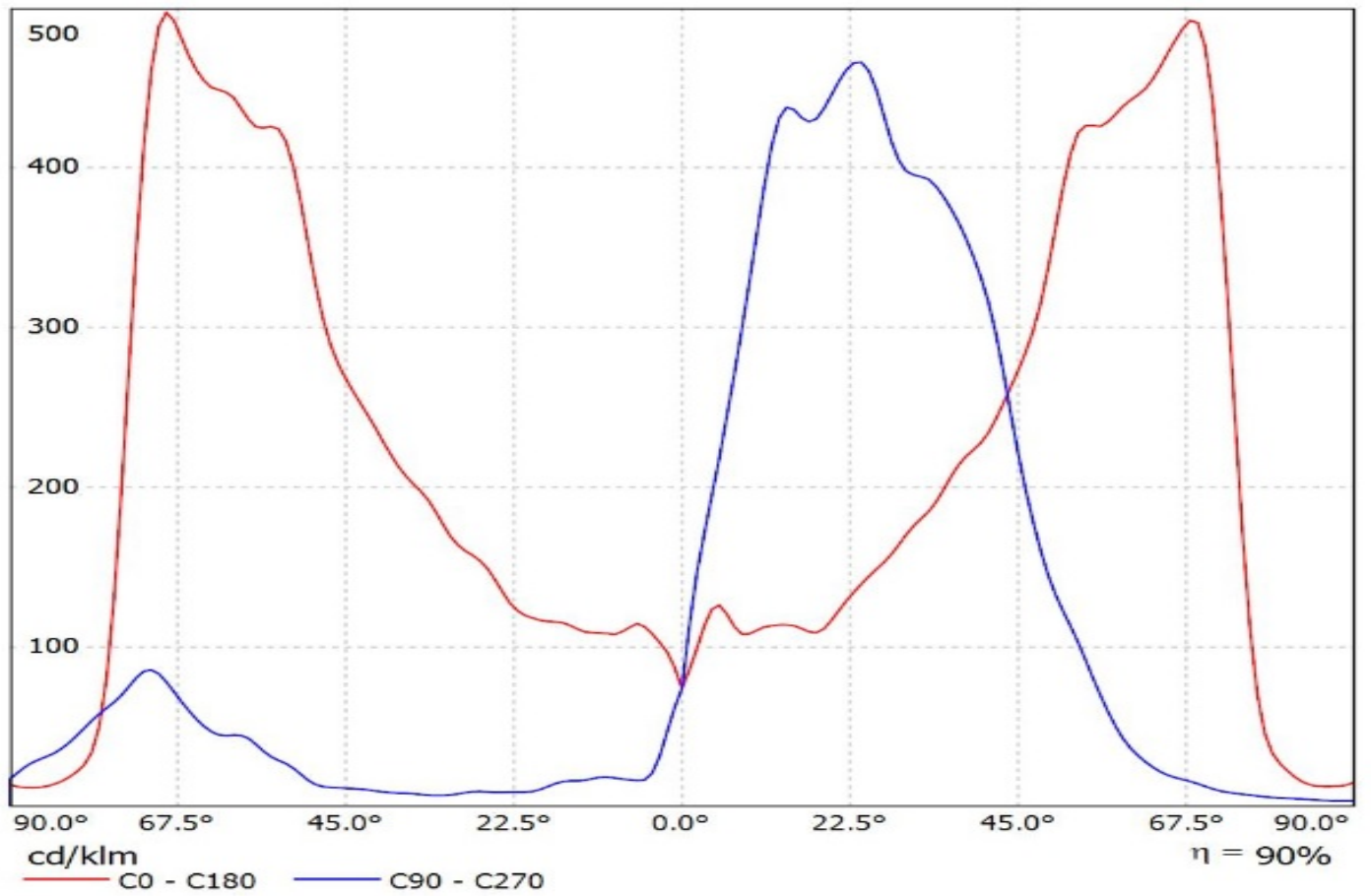


Luminaire: LEDiL Oy CS14055_STRADA-IP-2X6-T2_(SQUARE)

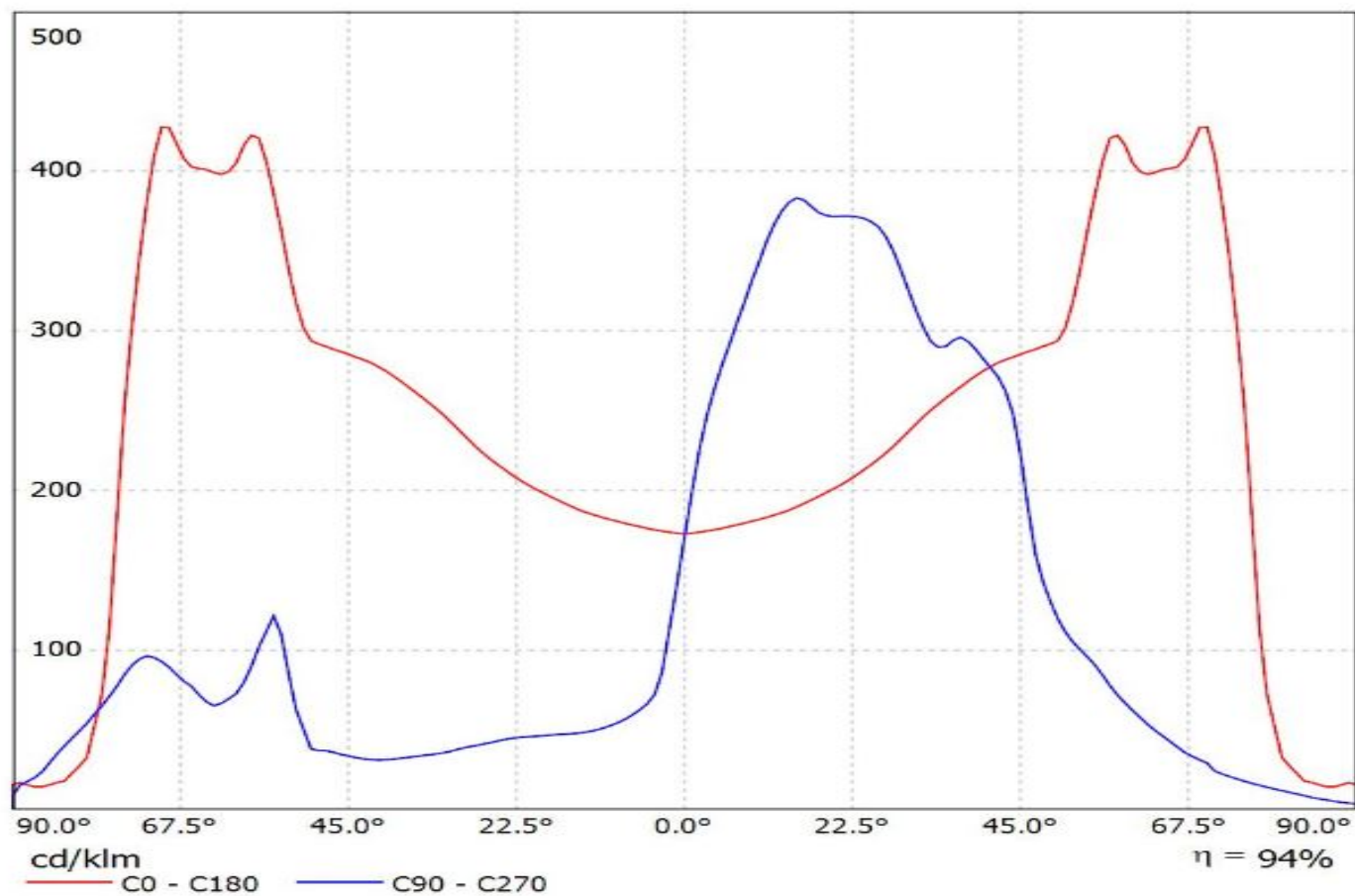
Lamps: 1 x OSLOM_SQUARE_PC_1138.9lm@250mA_P=8.72152W_I=249.8mA



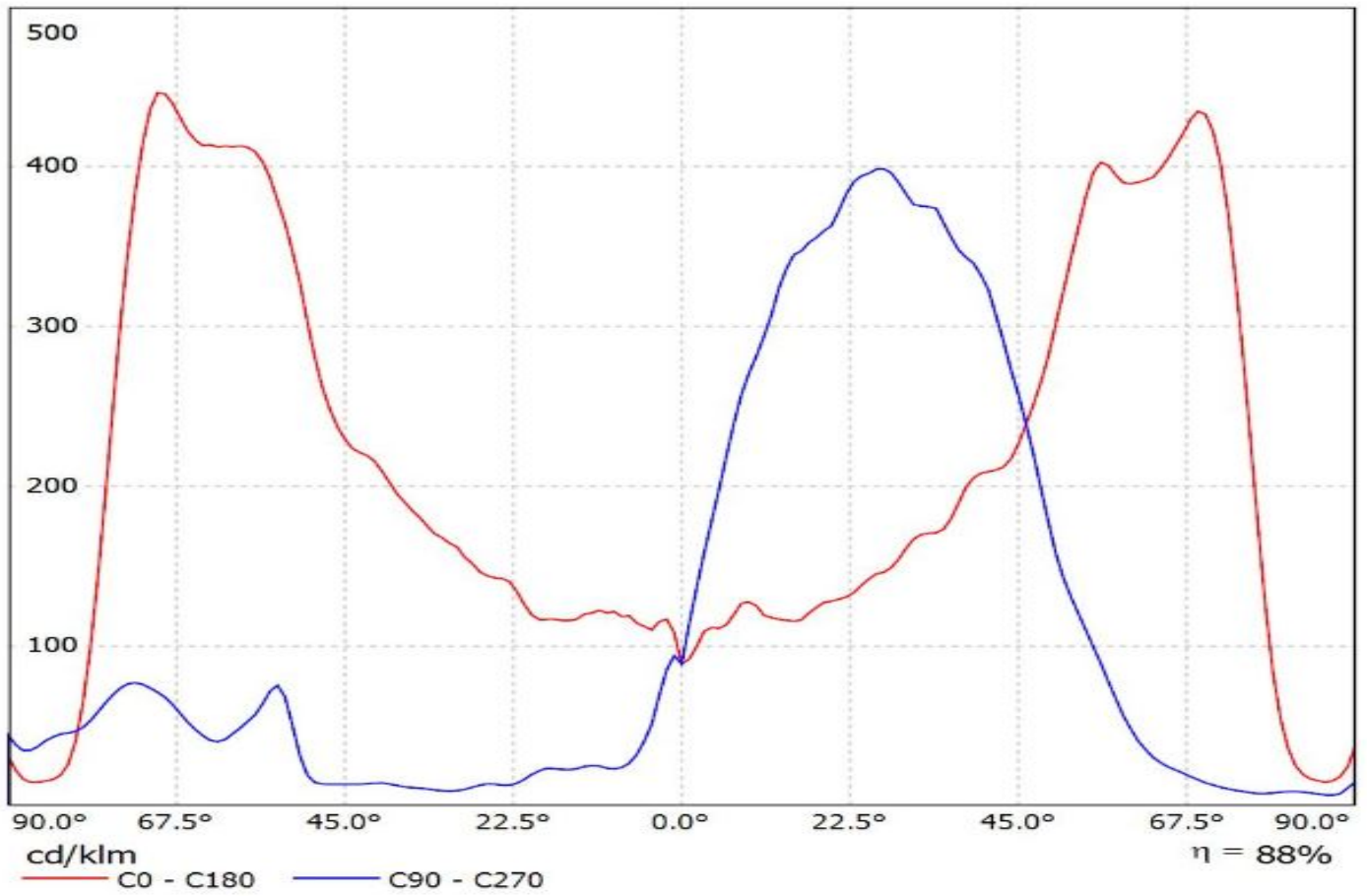
Luminaire: Ledil Oy CS14055_STRADA-IP-2X6-T2_(Duris_P8)_SIMULATED
Lamps: 1 x Osram Duris P8



Luminaire: LEDiL Oy CS14055_STRADA-IP-2X6-T2_Fortimo FastFlex LED board 2x6 DP G4
Lamps: 1 x Fortimo FastFlex LED board 2x6 DP G4

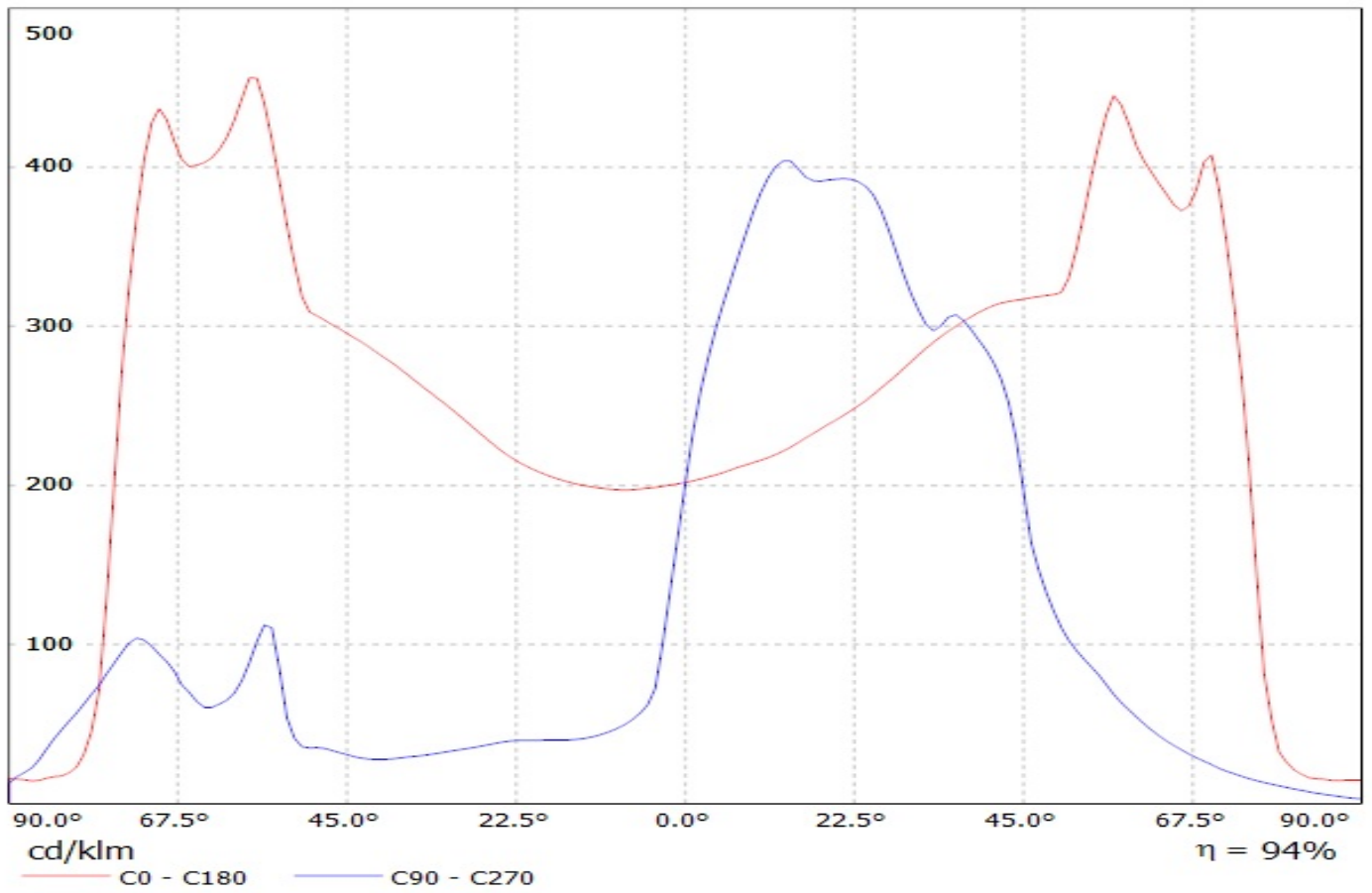


Luminaire: Ledil Oy CS14055_STRADA-IP-2X6-T2_Fortimo FastFlex LED board 2x6 DPX G4
Lamps: 1 x Fortimo FastFlex LED board 2x6 DPX G4



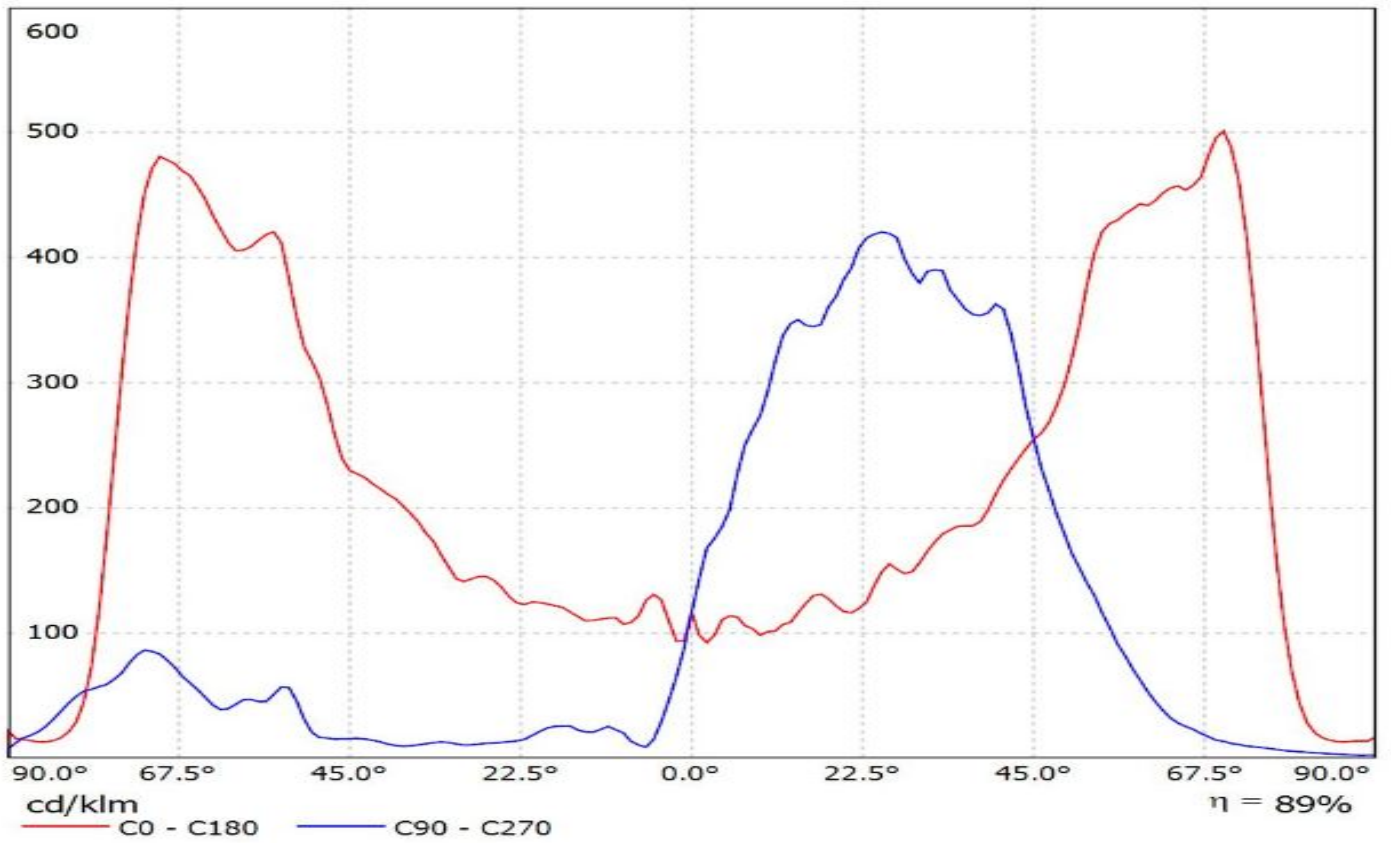
Luminaire: LEDiL Oy CS14055_STRADA-IP-2X6-T2 (LH351Z)

Lamps: 1 x SAMSUNG_LH351Z_2x6_956.95lm@250mA_P=8.67003W_I=249.9mA

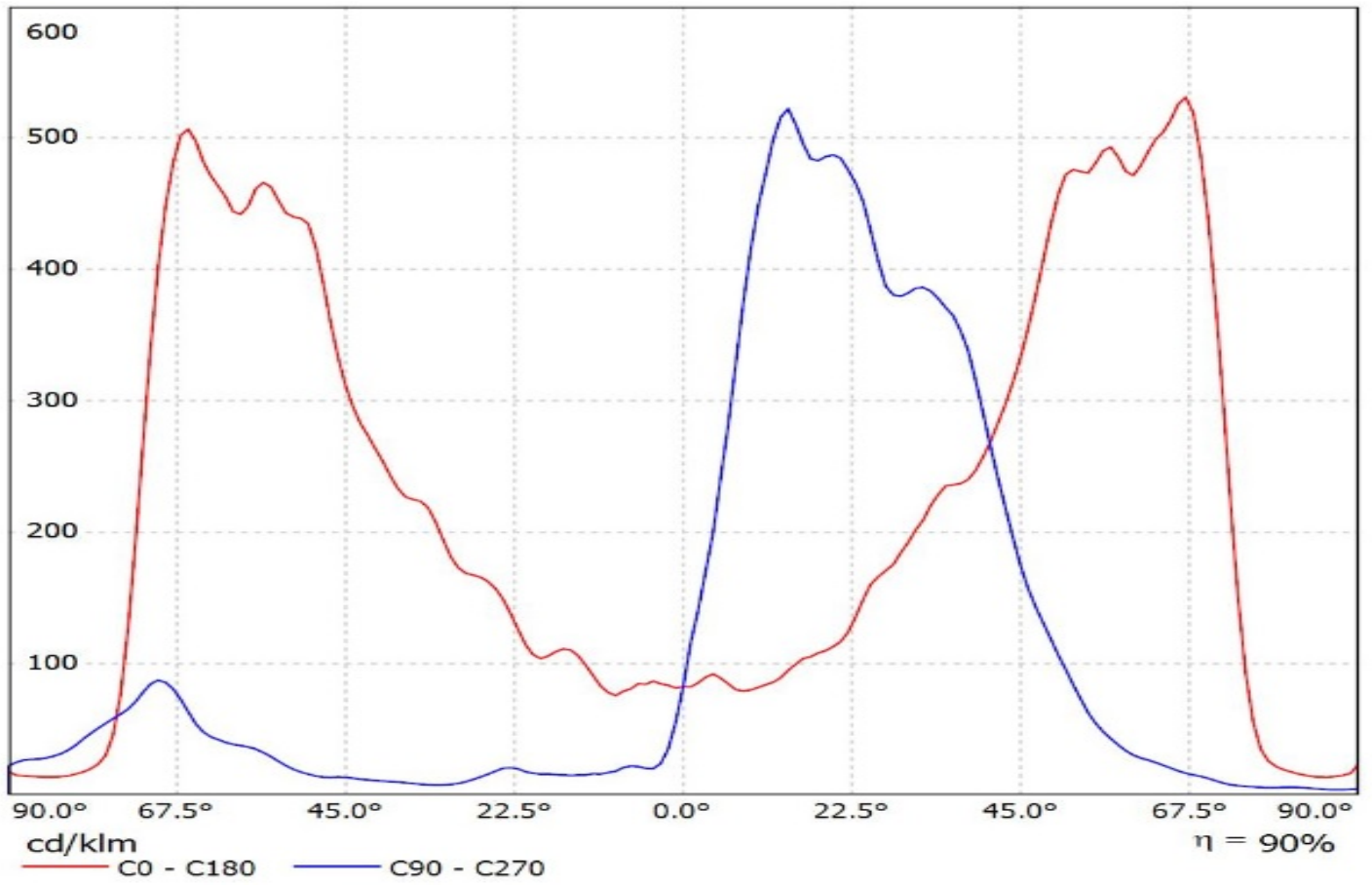


Ledil Oy CS14055STRADA-IP-2X6-T2 / LDC (Linear)

Luminaire: Ledil Oy CS14055STRADA-IP-2X6-T2
Lamps: 1 x SEOUL_Z5M

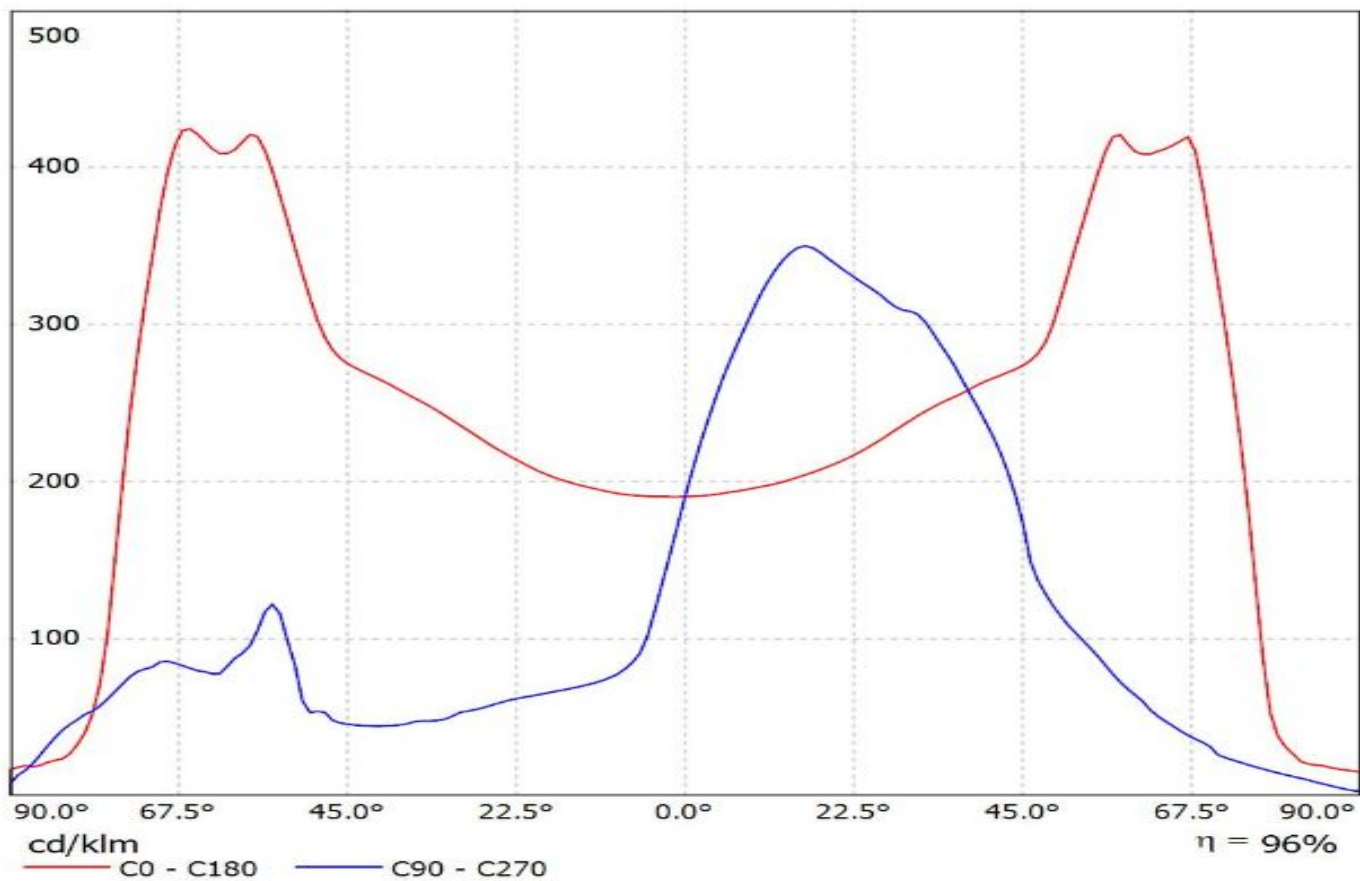


Luminaire: Ledil Oy CS14055_STRADA-IP-2X6-T2_(Z5M1)_SIMULATED
Lamps: 1 x Seoul Z5M1



Luminaire: Ledil CS14055_STRADA-IP-2X6-T2_(Z8Y22_PLUS)

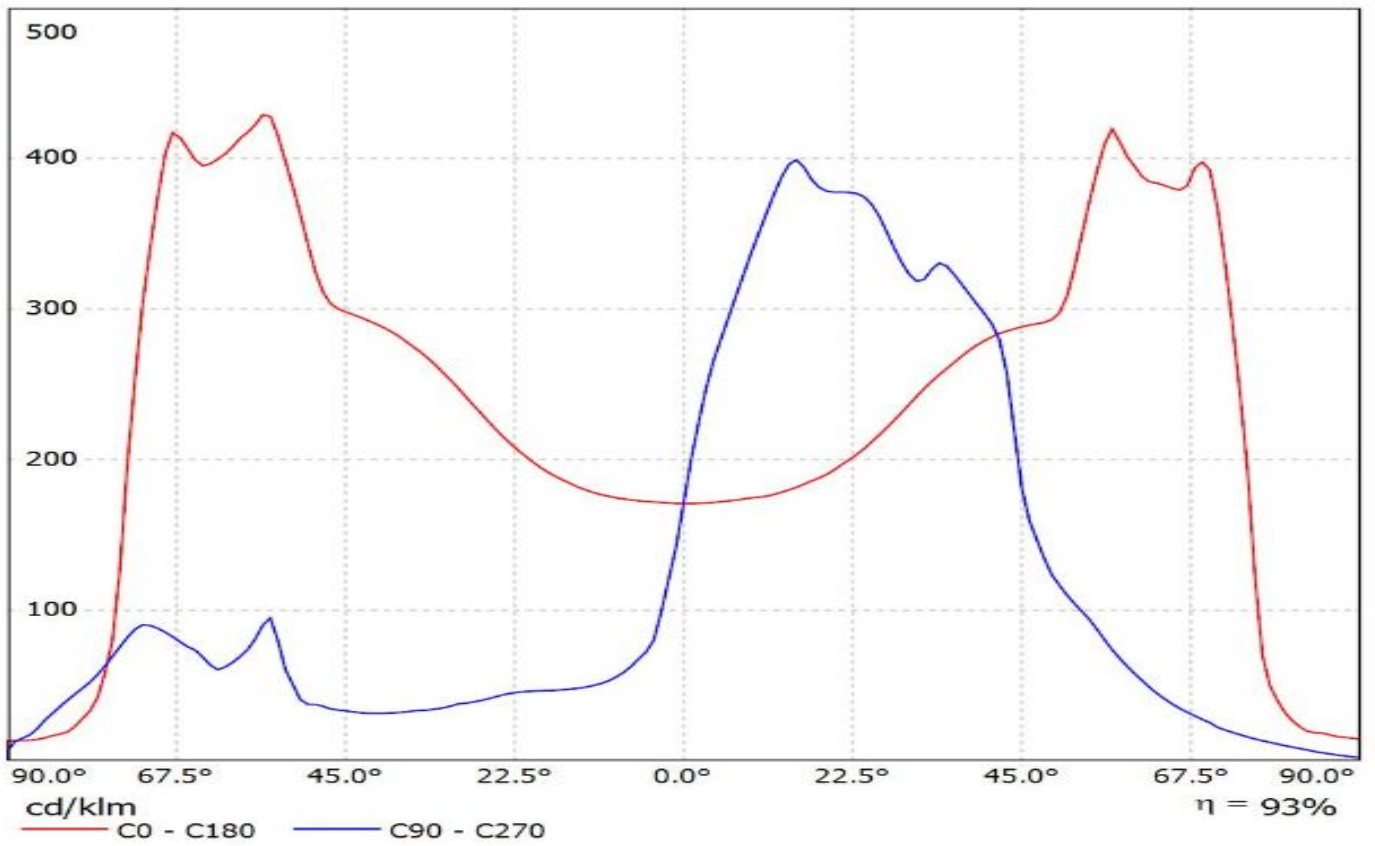
Lamps: 1 x Seoul_Z8Y22_PLUS_2X6_(SZ8-Y22-W0-C7P)1489.65lm@250mA_P=8.30675W_I=0.250A



Ledil CS14055_STRADA-IP-2X6-T2_(TL1L4) / LDC (Linear)

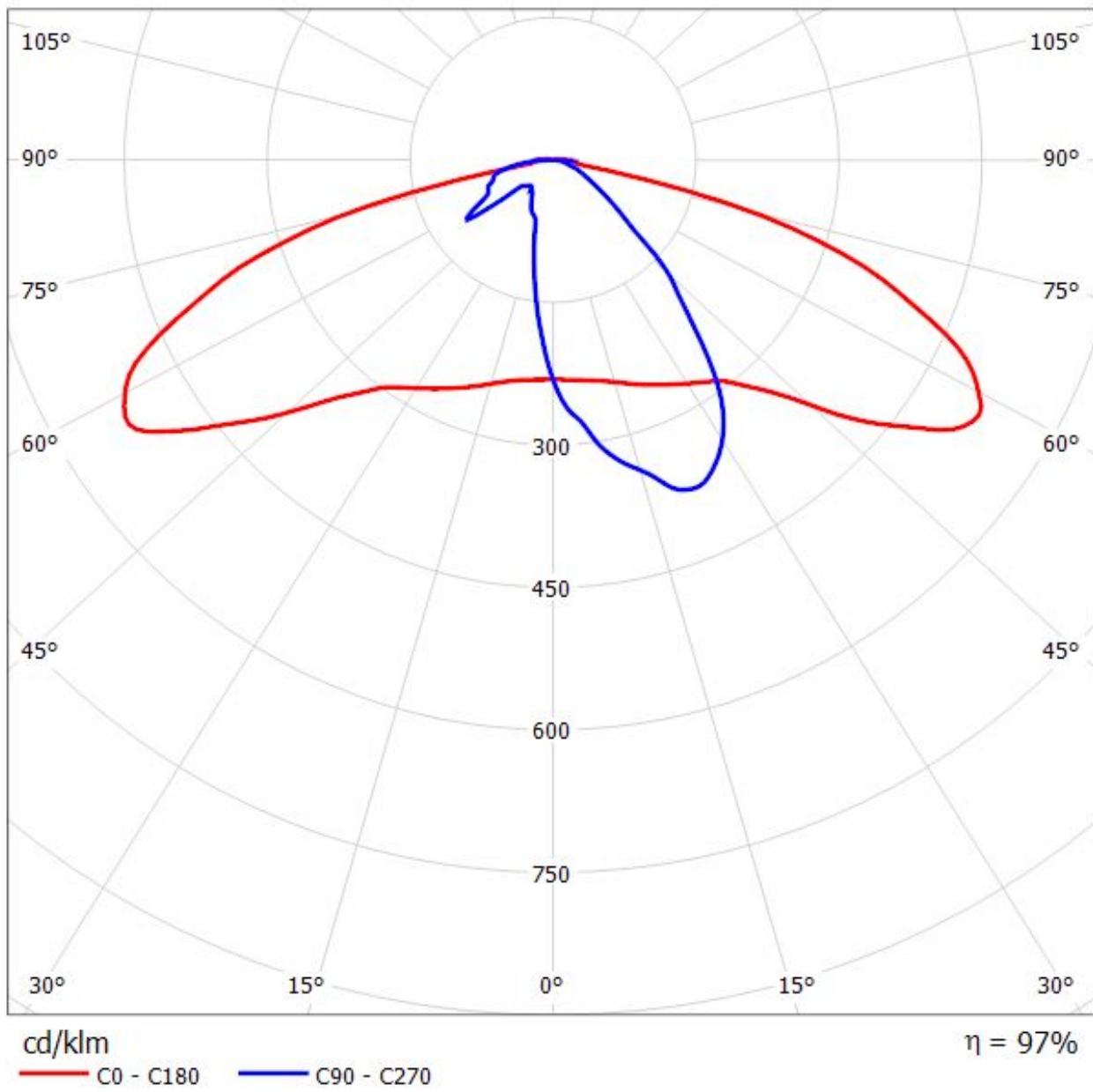
Luminaire: Ledil CS14055_STRADA-IP-2X6-T2_(TL1L4)

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



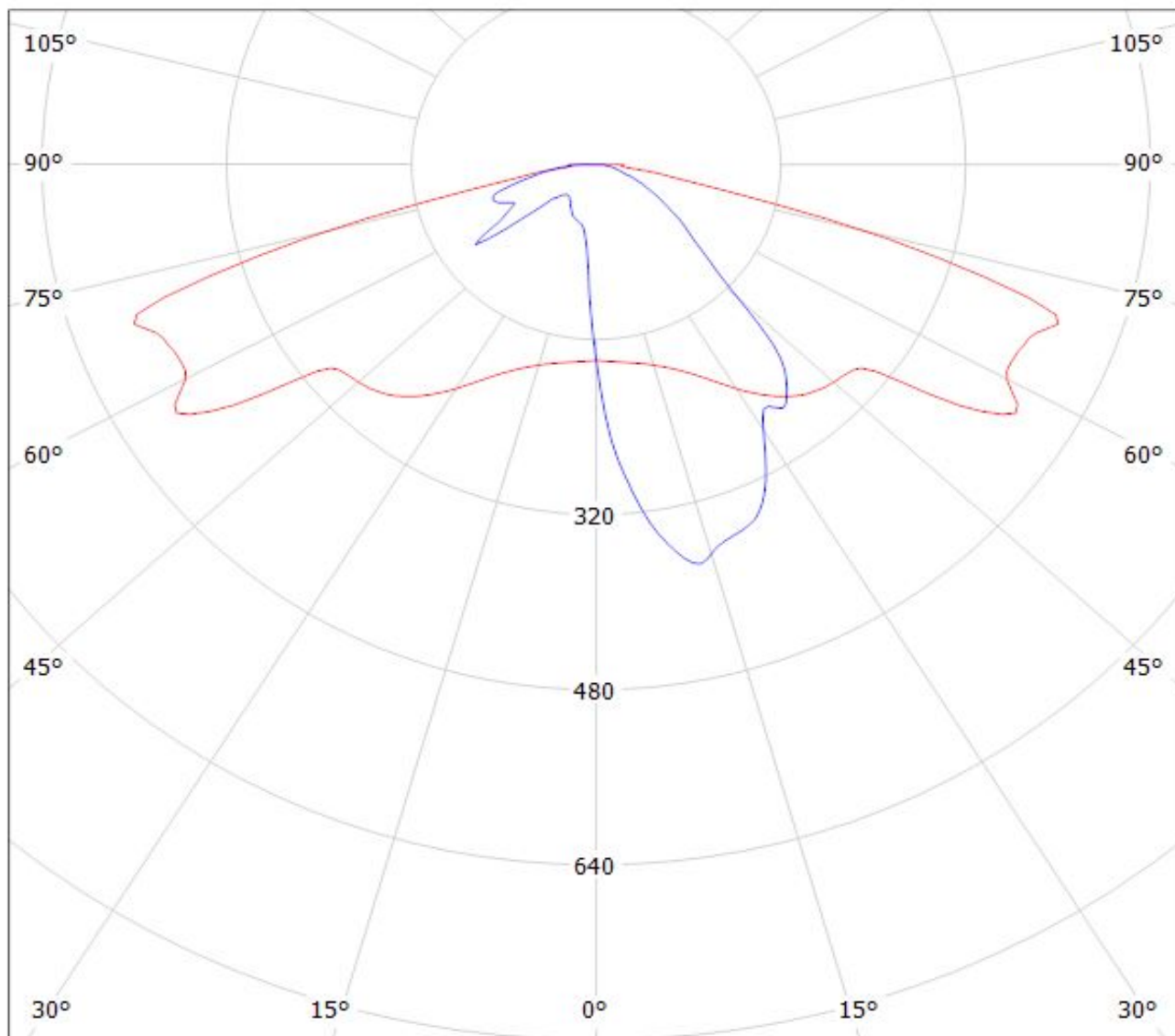
Luminaire: LEDiL Oy CS14055_STRADA-IP-2X6-T2_(Bridgelux_5050_Gen2)

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 CS14055_STRADA-IP-2X6-T2_(XT-E)

Lamps: 1 x CREE_XT-E_6x2_(XTEAWT-00-0000-000000HE4)_1265.91lm@250mA_P=8.86191W_I=249.8mA

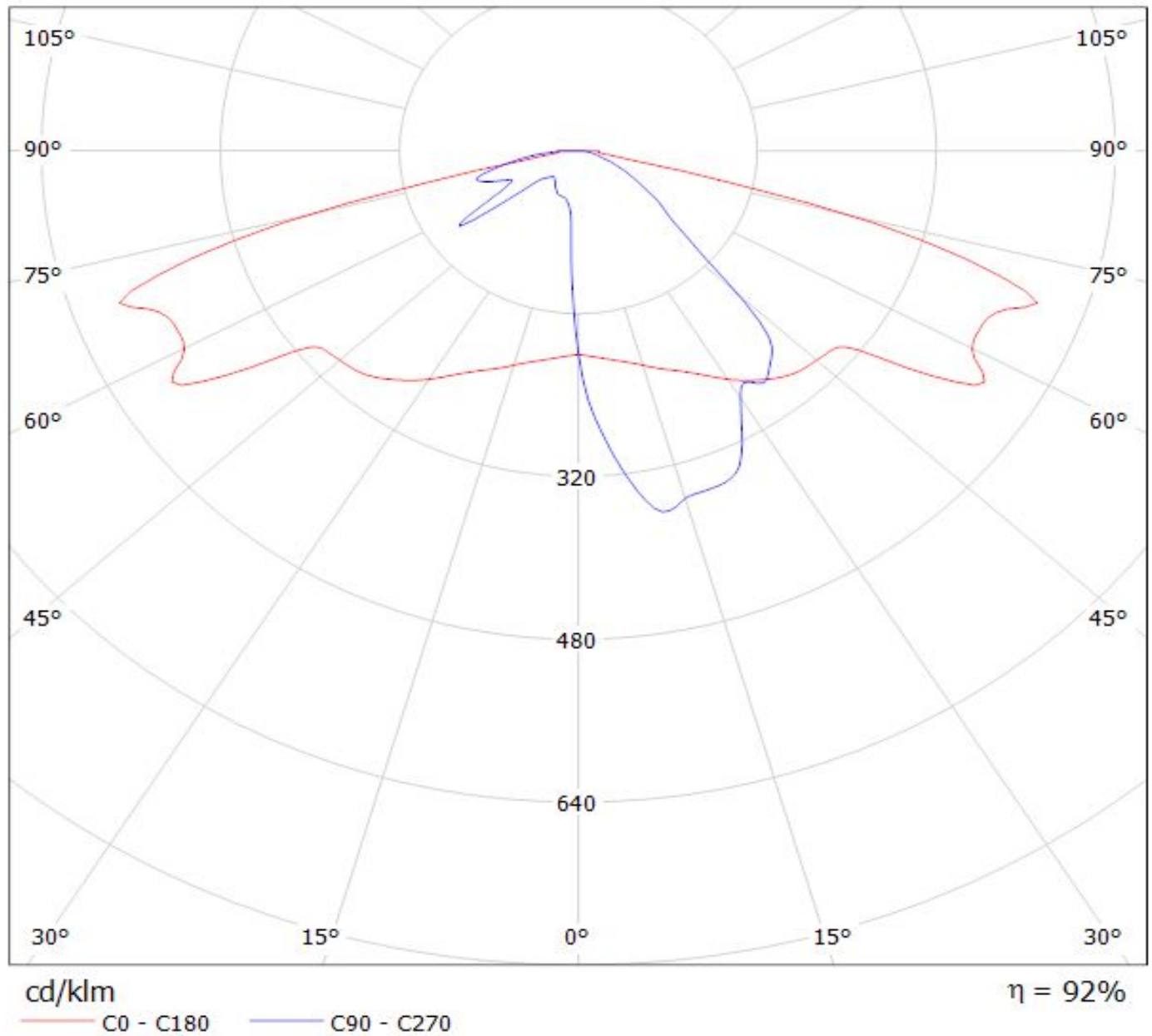


cd/klm

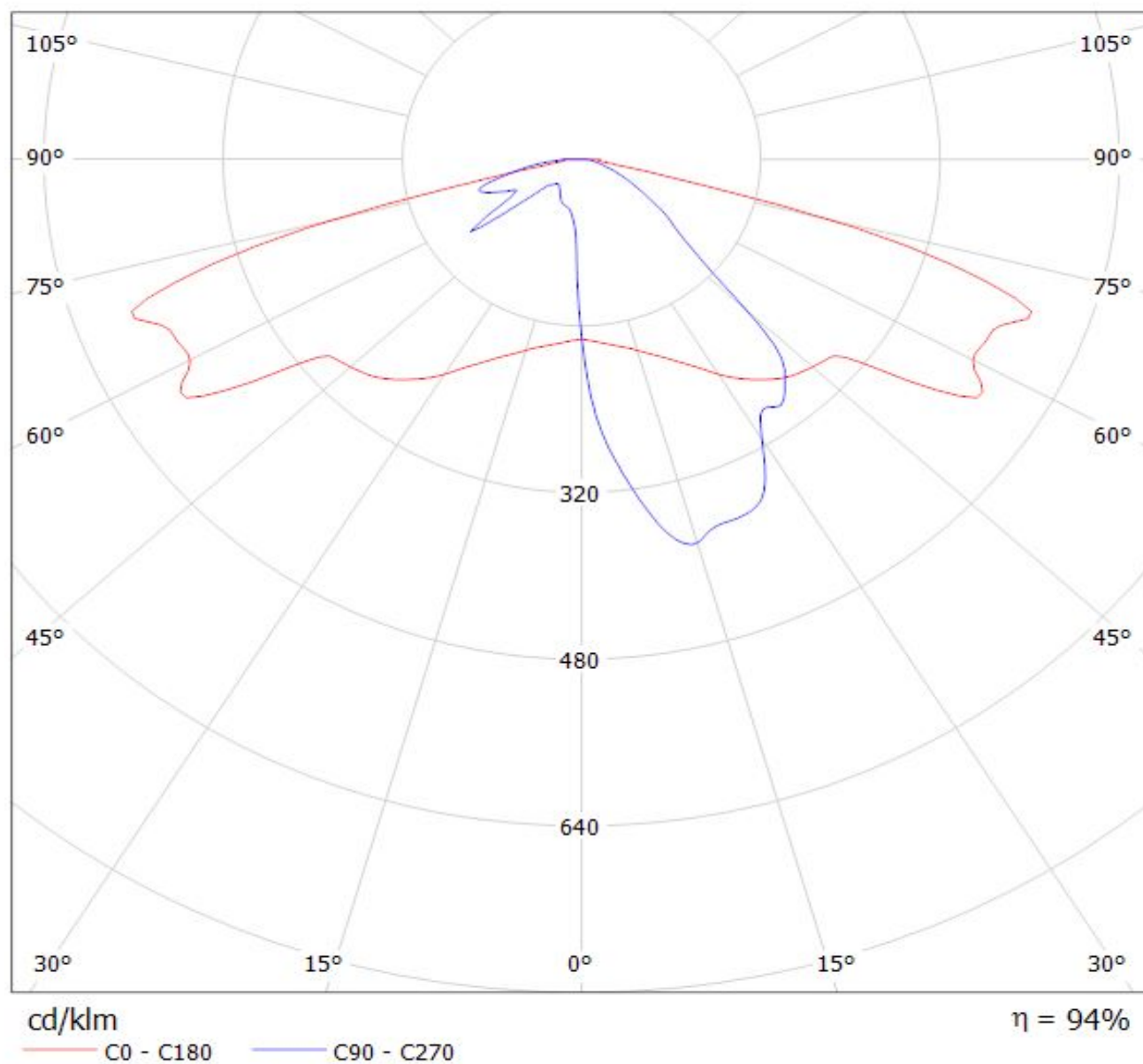
— C0 - C180 — C90 - C270

$\eta = 94\%$

Luminaire: LEDiL Oy CS14055_STRADA-IP-2X6-T2_(XP-G)
Lamps: 1 x CREE_XP-G_1138.9lm@250mA_P=8.72152W_I=249.8mA

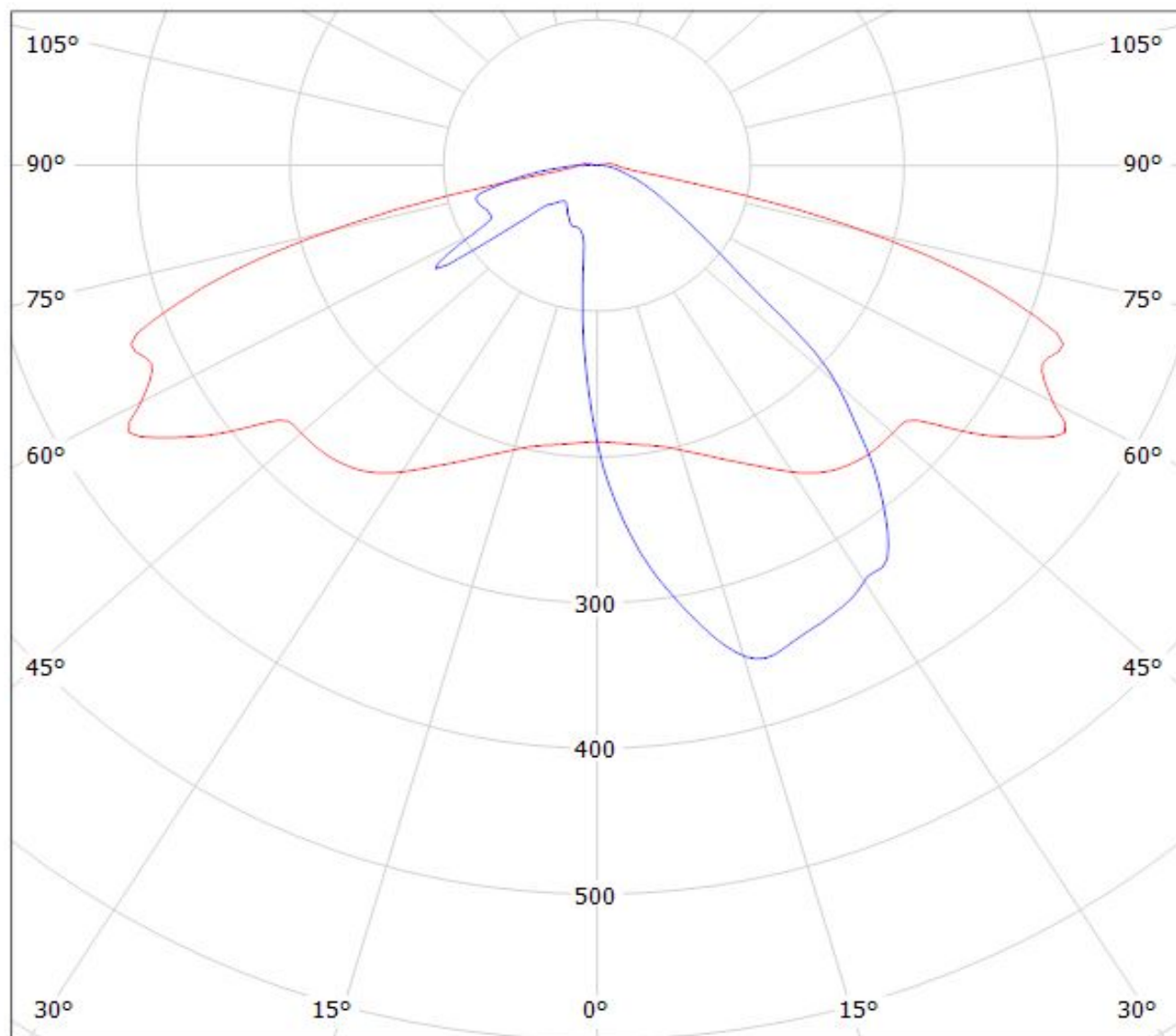


Luminaire: LEDiL Oy CS14055_STRADA-IP-2X6-T2_(XP-G2)
Lamps: 1 x CREE_XP-G2_787lm@250mA_P=8.52467W_I=249.8mA



Luminaire: LEDiL Oy CS14055_STRADA-IP-2X6-T2_(XP-L)

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



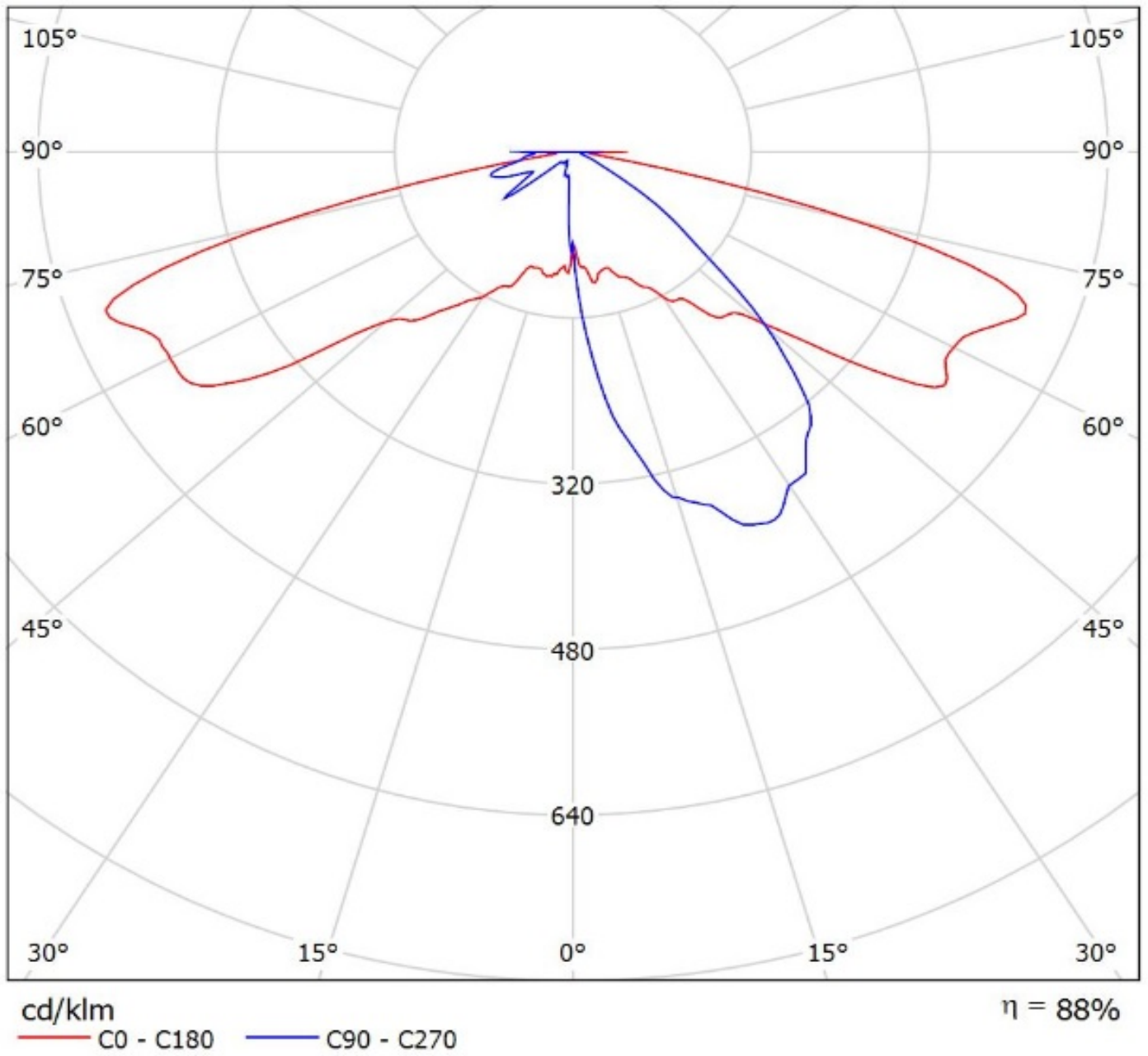
cd/klm

— C0 - C180

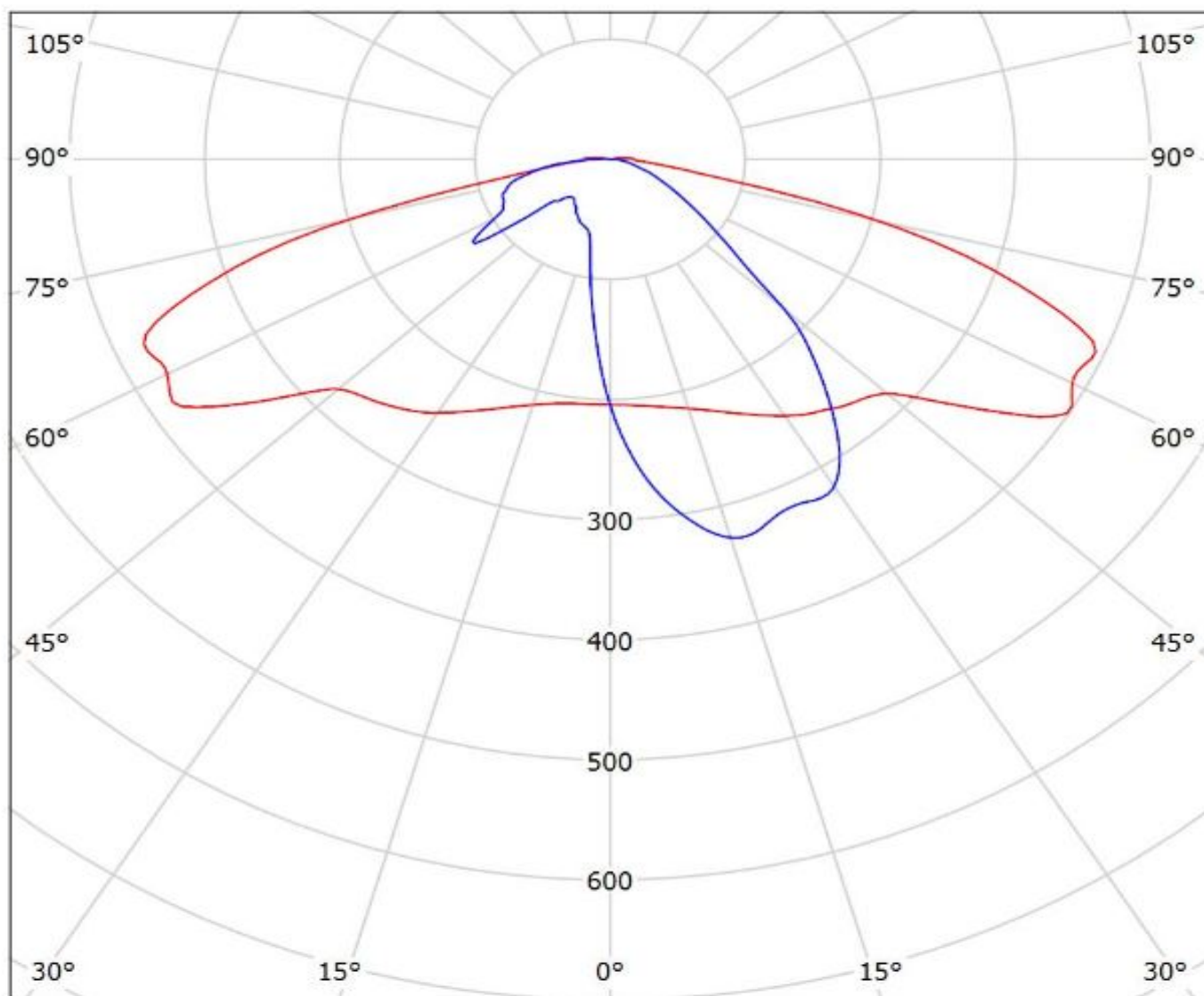
— C90 - C270

$\eta = 94\%$

Luminaire: Ledil Oy CS14055_STRADA-IP-2X6-T2_(XP-G3)_SIMULATED
Lamps: 1 x Cree XP-G3



Luminaire: Ledil CS14055_STRADA-IP-2X6-T2_(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

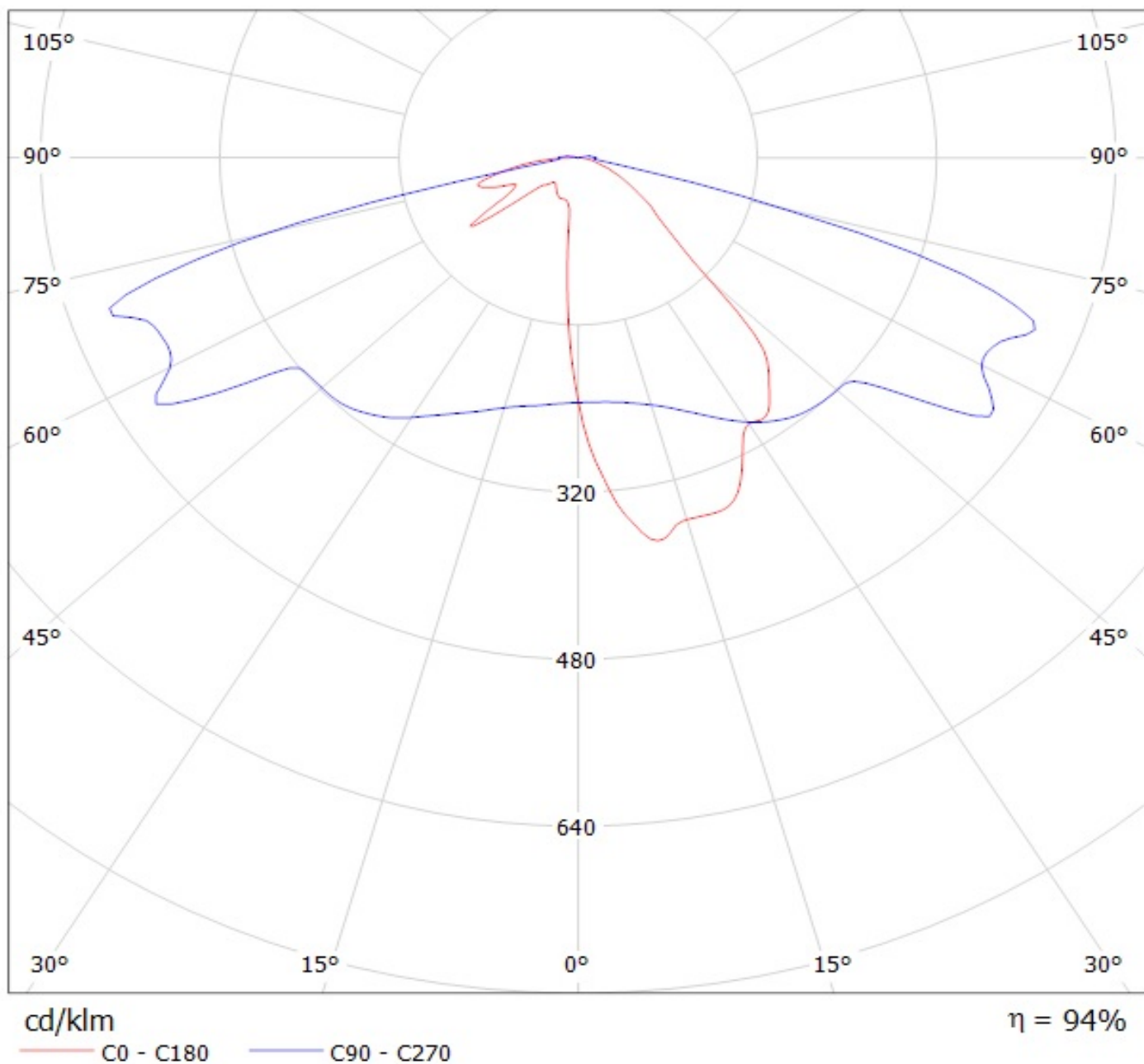


cd/klm

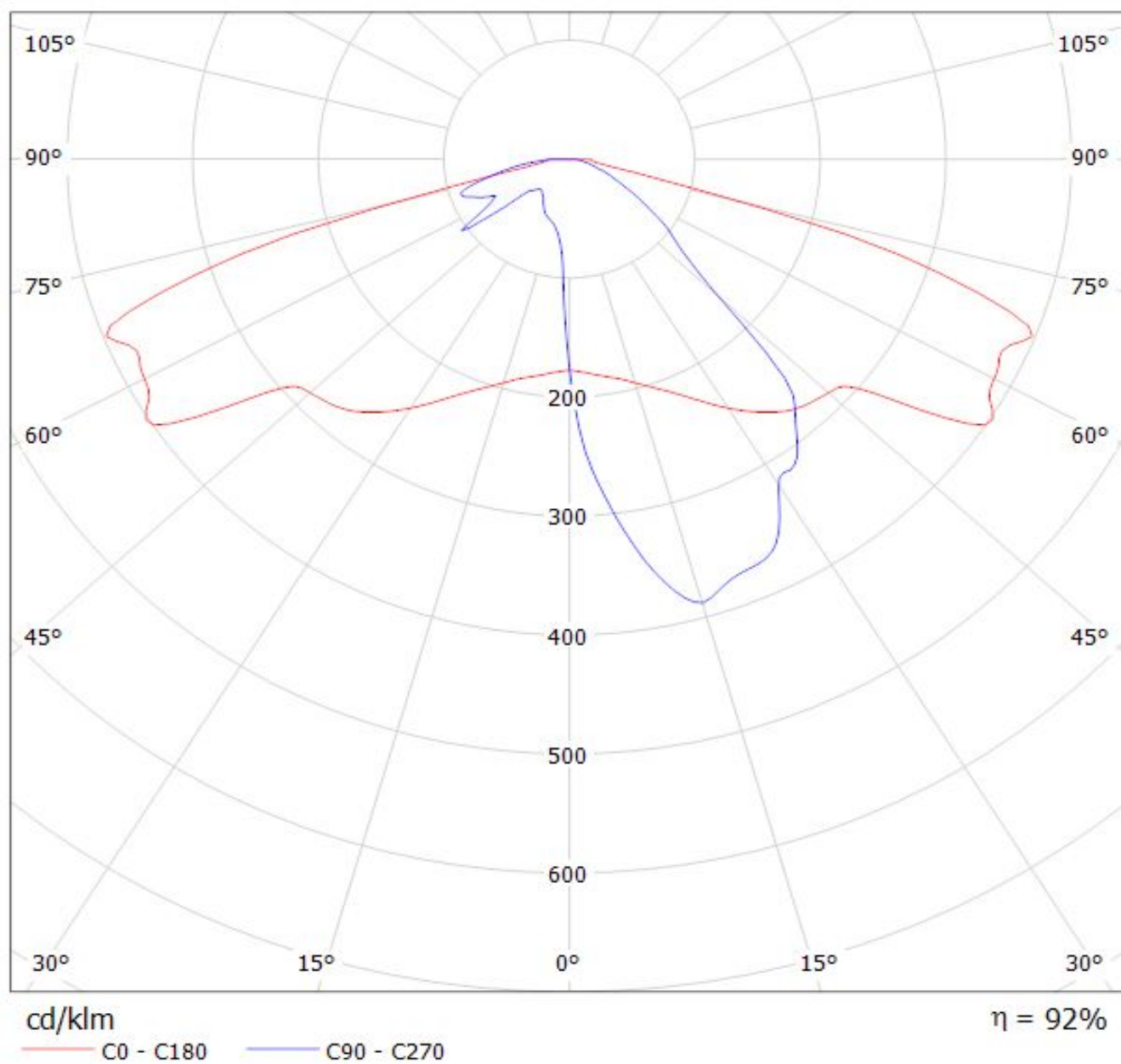
— C0 - C180 — C90 - C270

$\eta = 96\%$

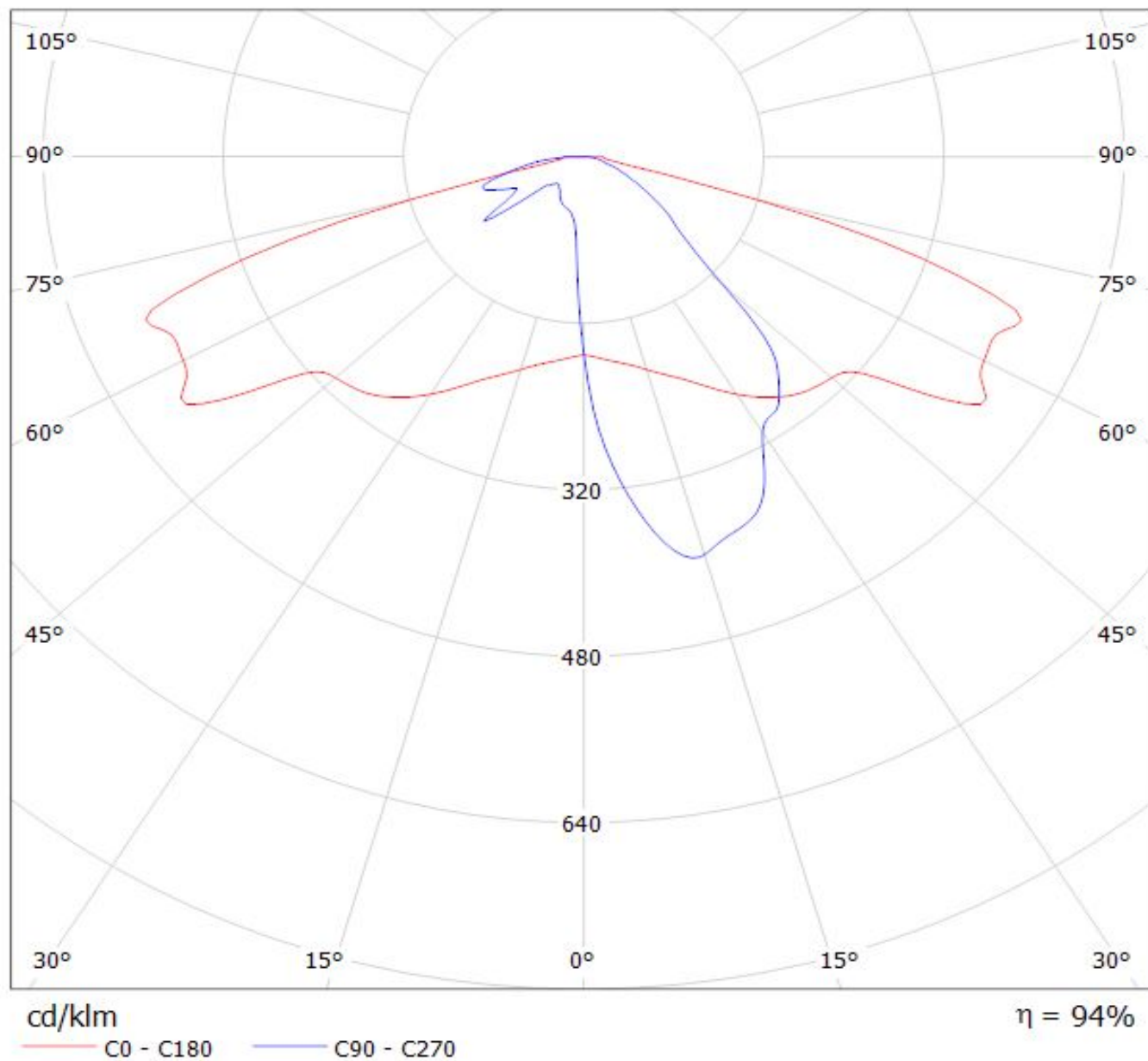
Luminaire: LEDiL Oy CS14055_STRADA-IP-2X6-T2_(LG_3535_H35C1) Eff: 94%
Lamps: 1 x LG_3535_H35C1_2x6_1368.4lm@250mA_P=8.55408W_I=249.9mA



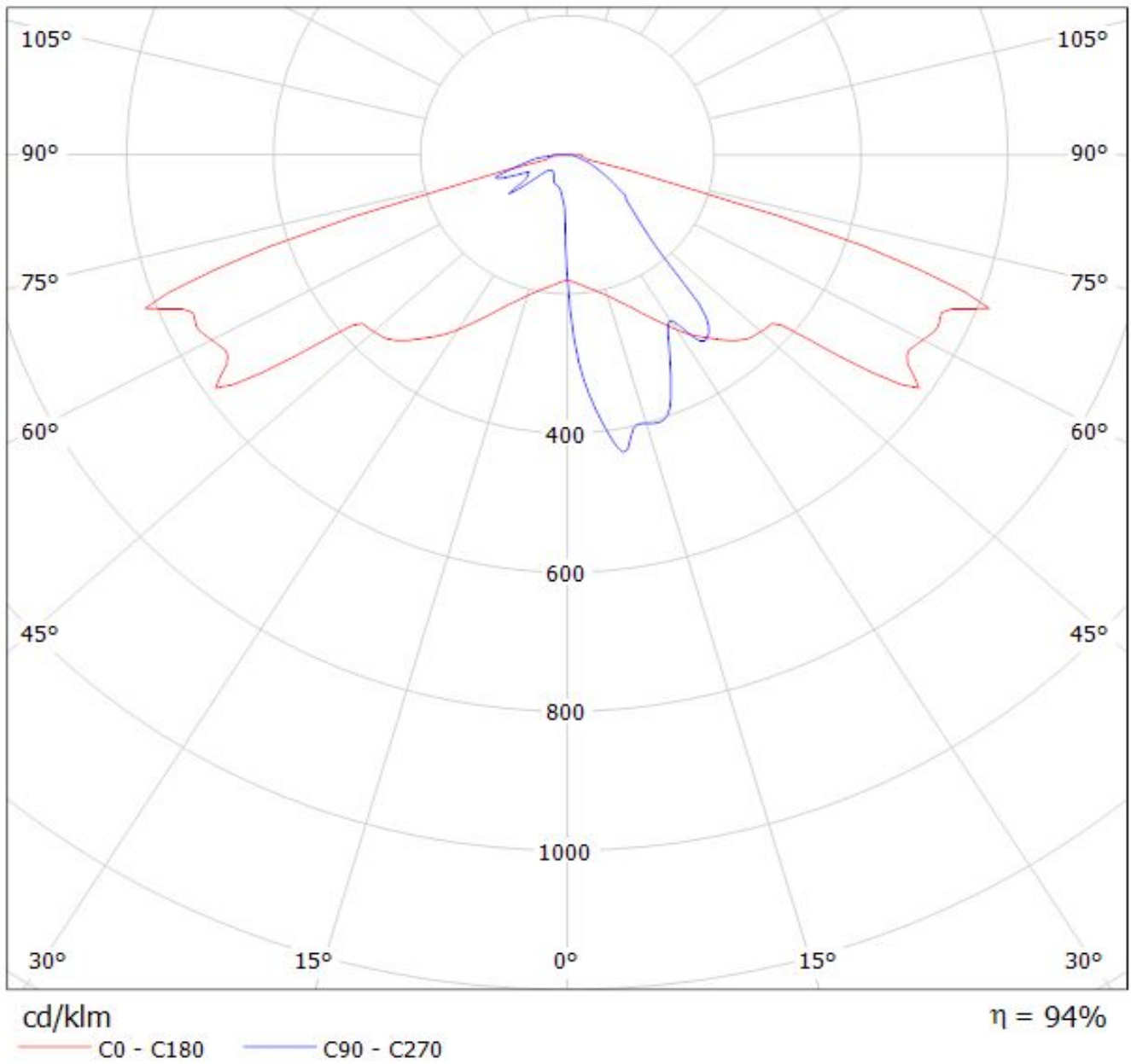
Luminaire: LEDiL Oy CS14055_STRADA-IP-2X6-T2_(LUXEON_R)
Lamps: 1 x LUXEON_R_1136.4lm@250mA_P=8.29211W_I=249.8mA



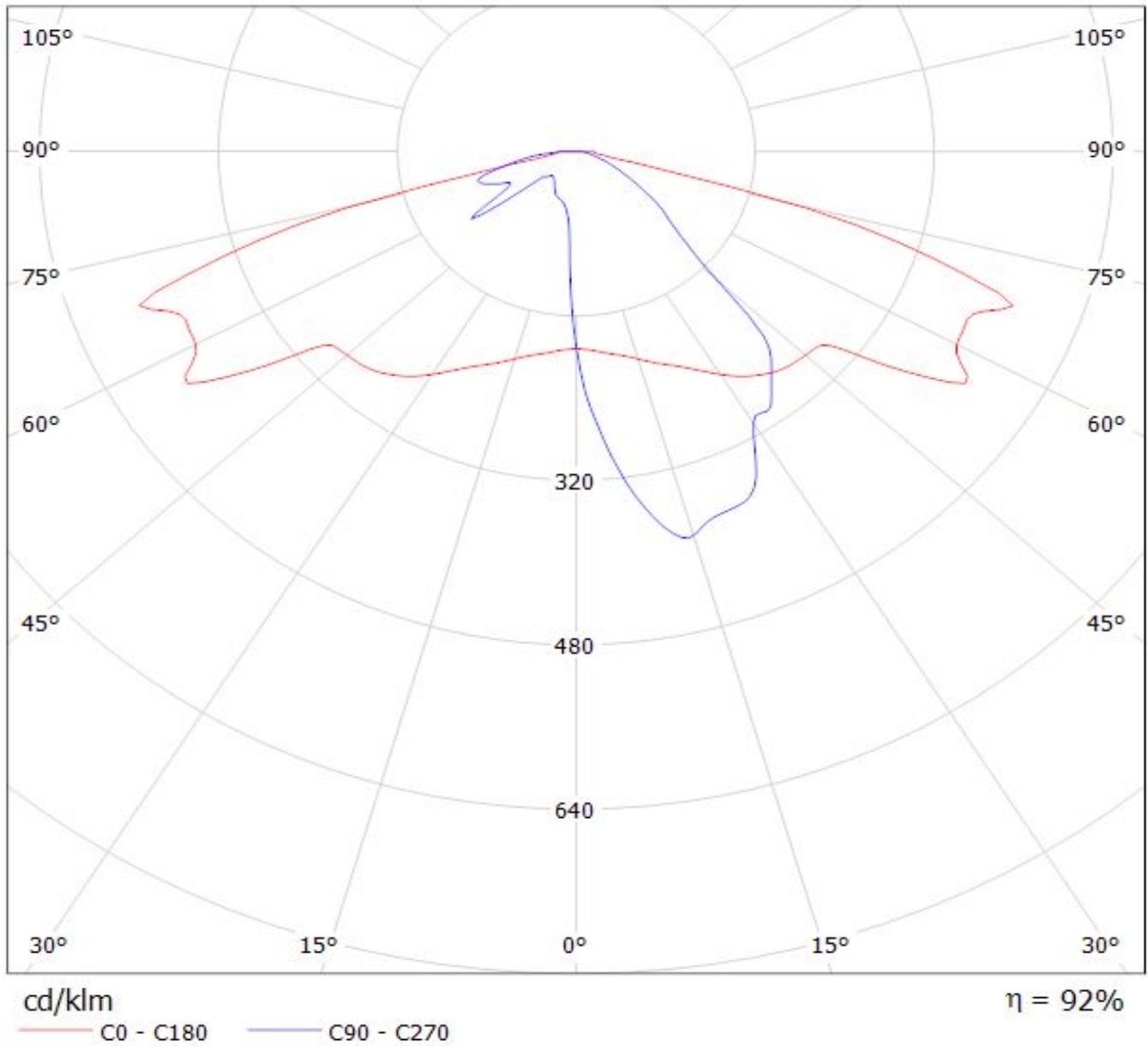
Luminaire: LEDiL Oy CS14055_STRADA-IP-2X6-T2_(REBEL-ES)
Lamps: 1 x LUXEON_REBEL-ES_852.7lm@250mA_P=9.03202W_I=249.8mA



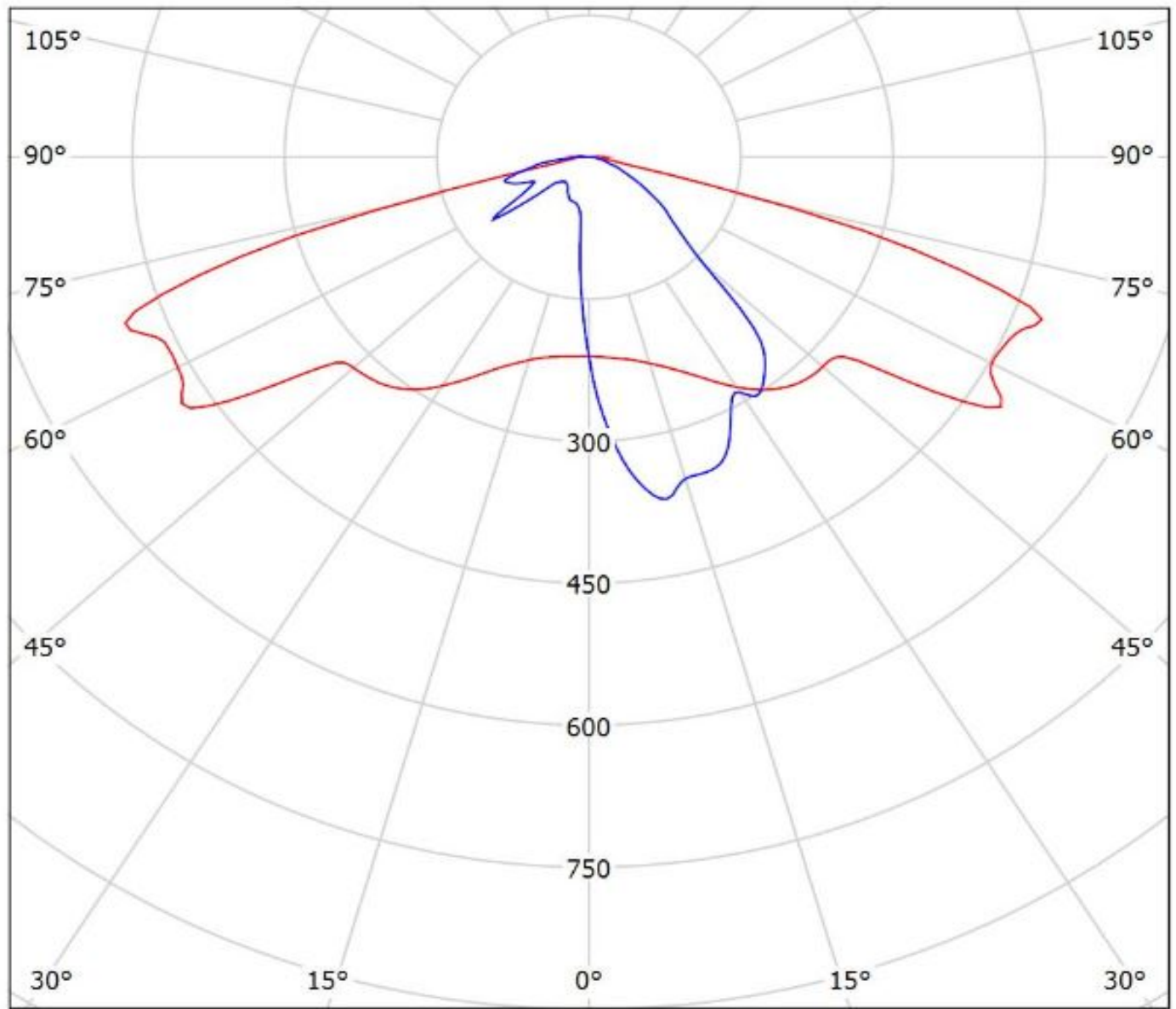
Luminaire: LEDiL Oy CS14055_STRADA-IP-2X6-T2_(LUXEON_Z_ES) Eff.94.3%
Lamps: 1 x LUXEON_Z_ES_970.851lm@250mA_P=8.31159W_I=249.8mA



Luminaire: LEDiL Oy CS14055_STRADA-IP-2X6-T2_(LUXEON_T) Eff.94.0%
Lamps: 1 x LUXEON_T_6x2_(LXH8-FW30)_1044.9lm@250mA_P=8.46572W_I=249.8mA



Luminaire: Ledil CS14055_STRADA-IP-2X6-T2_(XR-TX)
Lamps: 1 x Luxeon_XR-TX_1377.67lm@250mA_P=8.3973W_I=0.250A

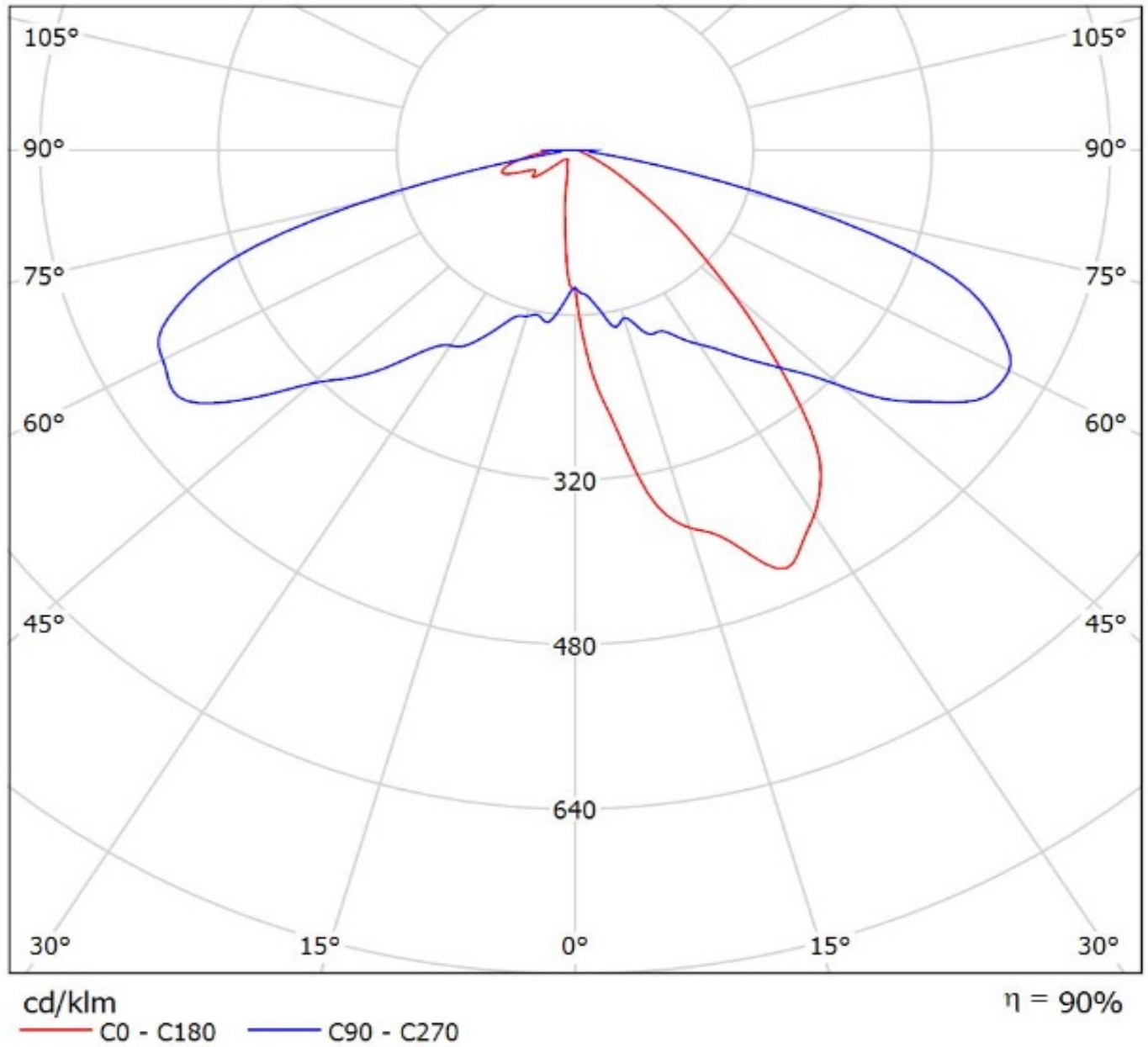


cd/klm

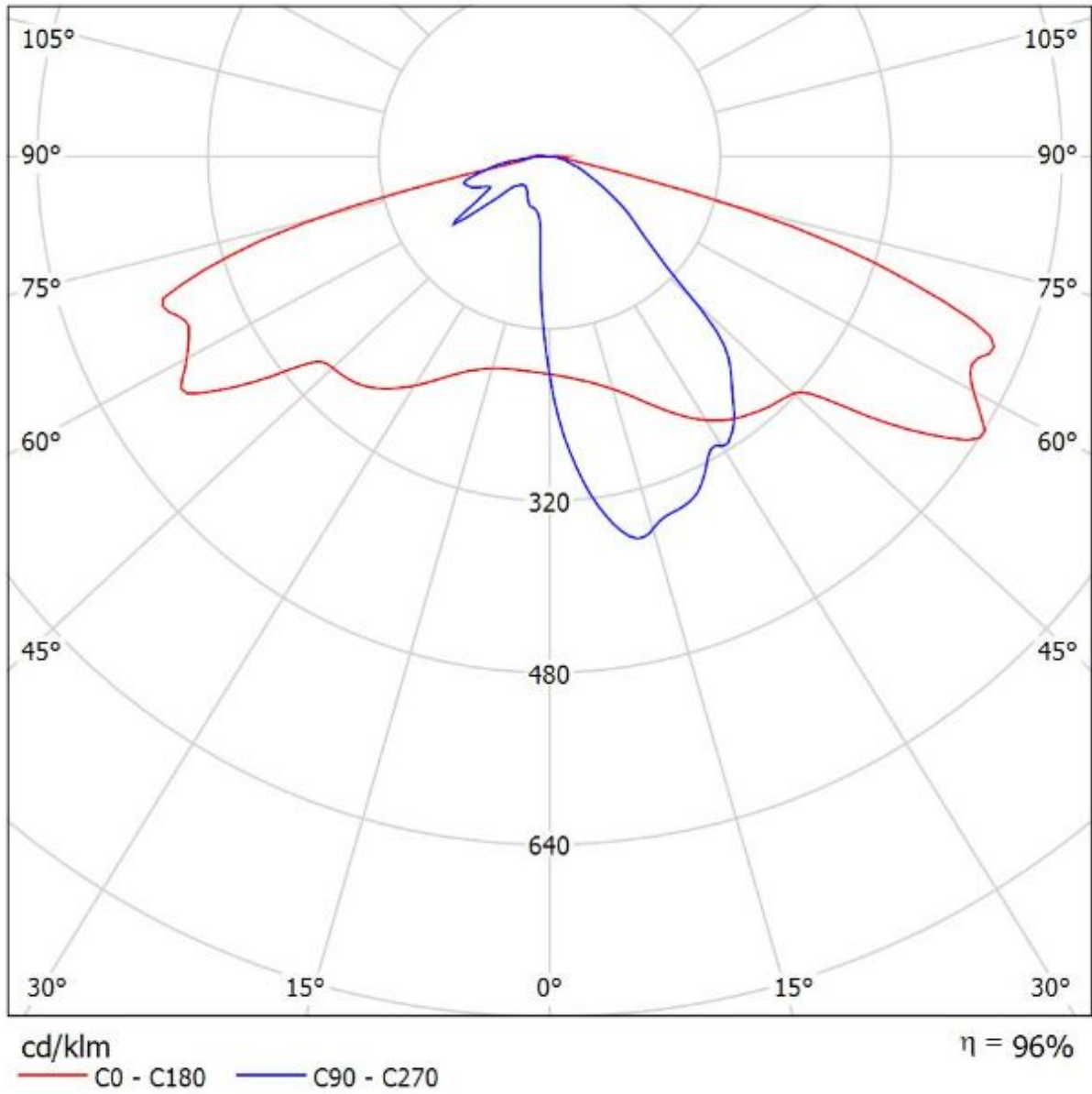
— C0 - C180 — C90 - C270

$\eta = 96\%$

Luminaire: Ledil Oy CS14055_STRADA-IP-2X6-T2_LUXEON-5050_SIMULATED
Lamps: 1 x Lumileds Luxeon 5050

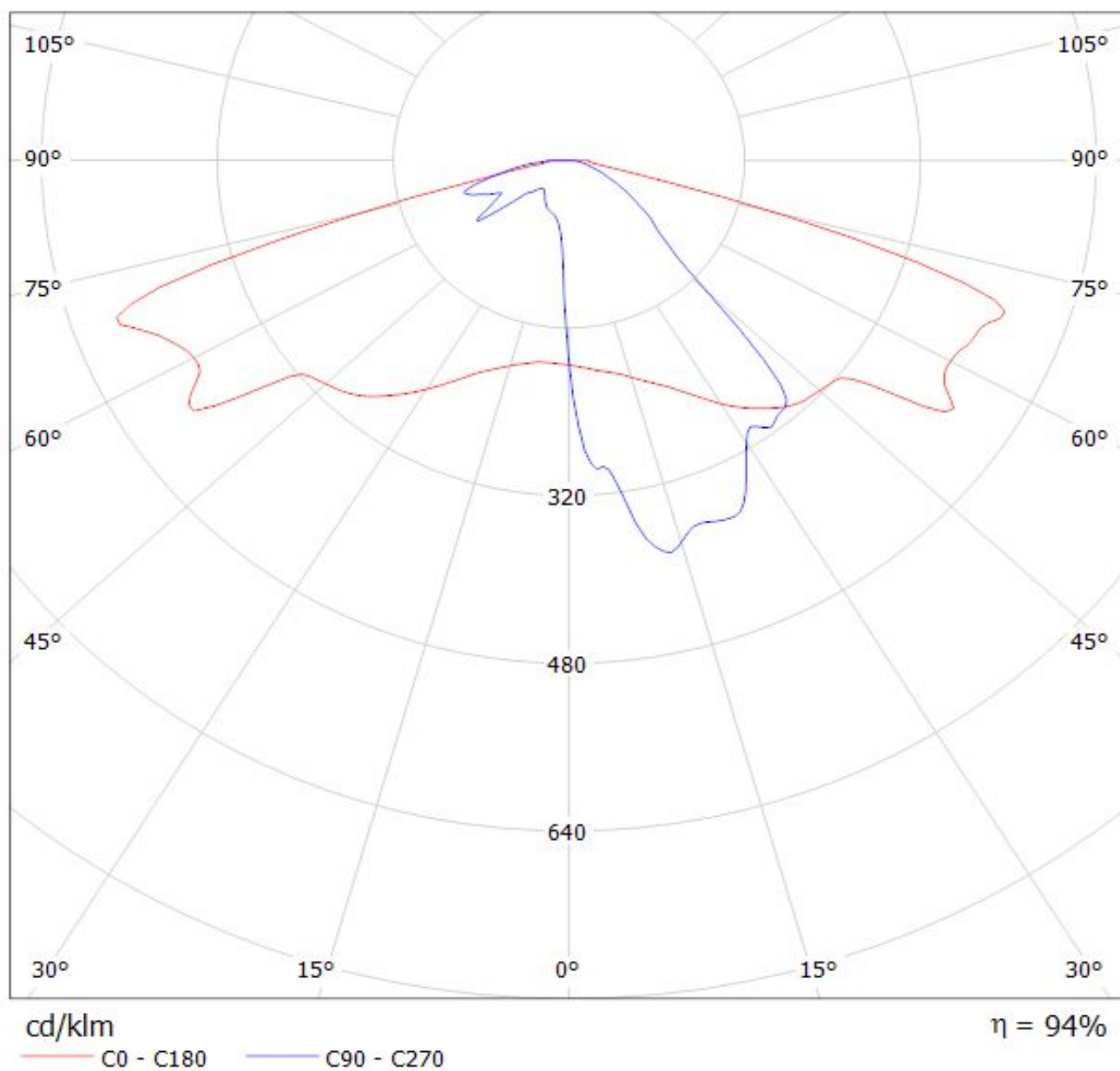


Luminaire: Ledil CS14055_STRADA-IP-2X6-T2_(NVSL219CT)
Lamps: 1 x Nichia_NVSL219CT_2x6_1262.53lm@250mA_P=8.35825W_I=0.25A

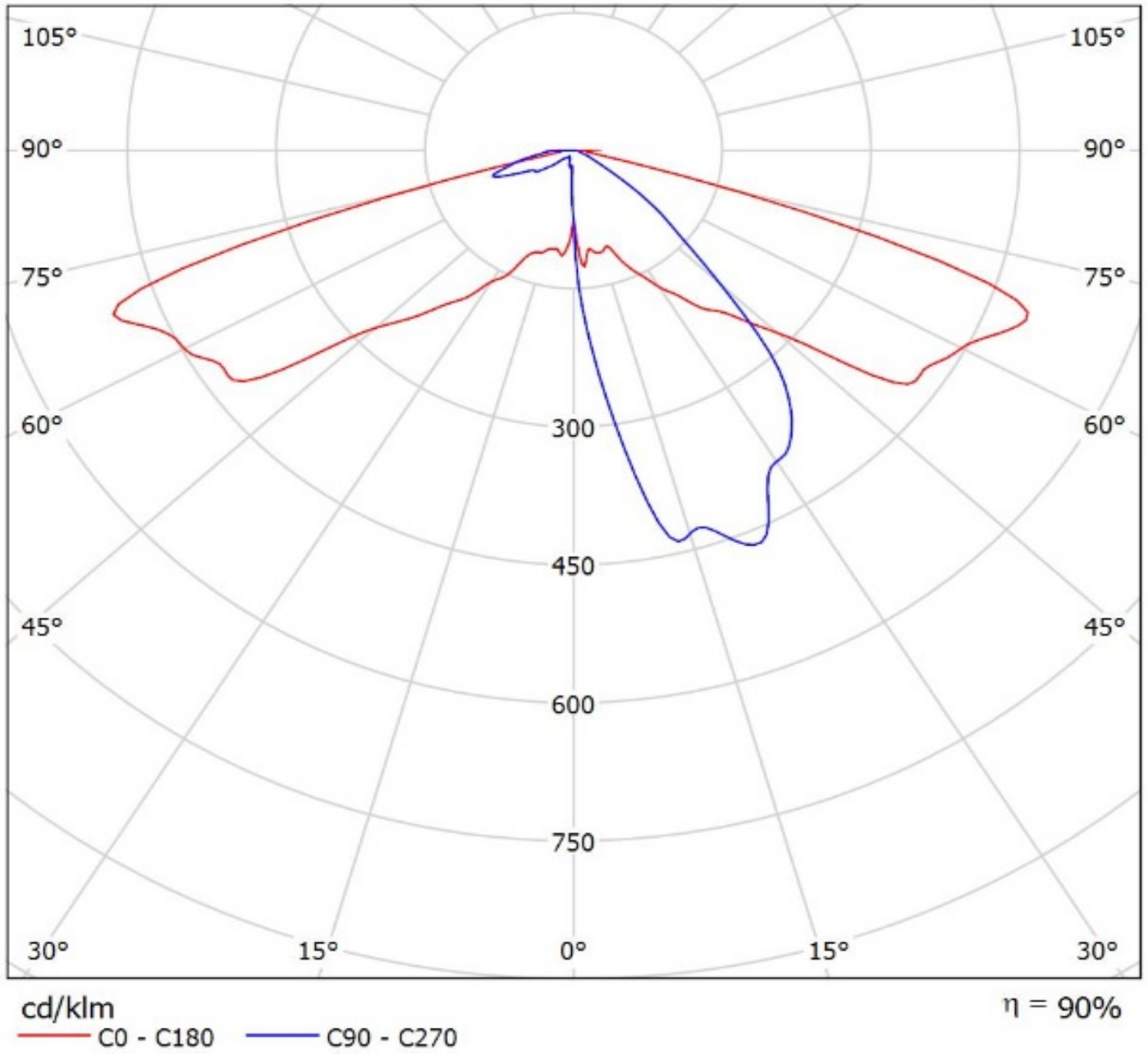


Luminaire: LEDiL Oy CS14055_STRADA-IP-2X6-T2_(SQUARE)

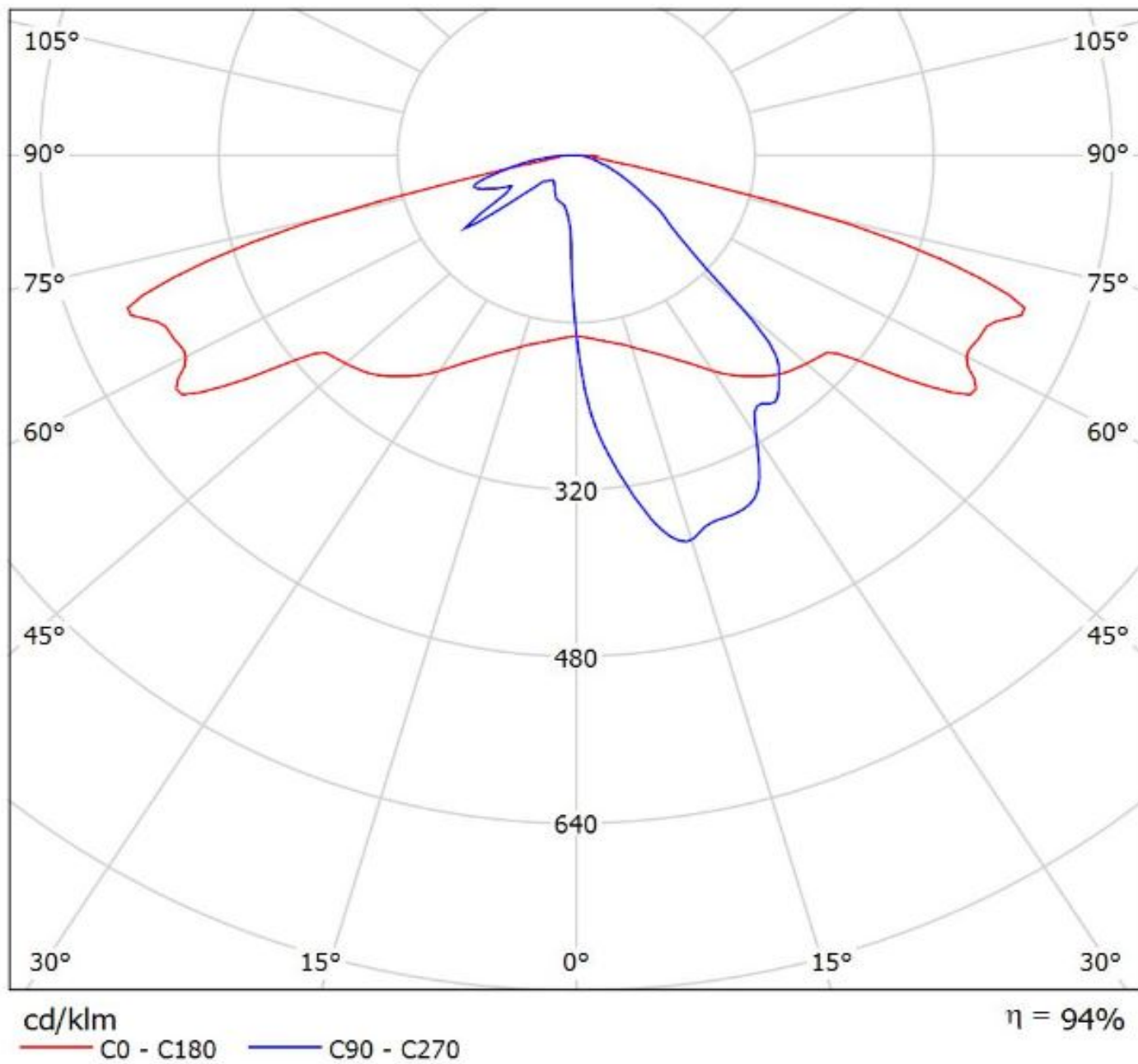
Lamps: 1 x OSLOM_SQUARE_PC_1138.9lm@250mA_P=8.72152W_I=249.8mA



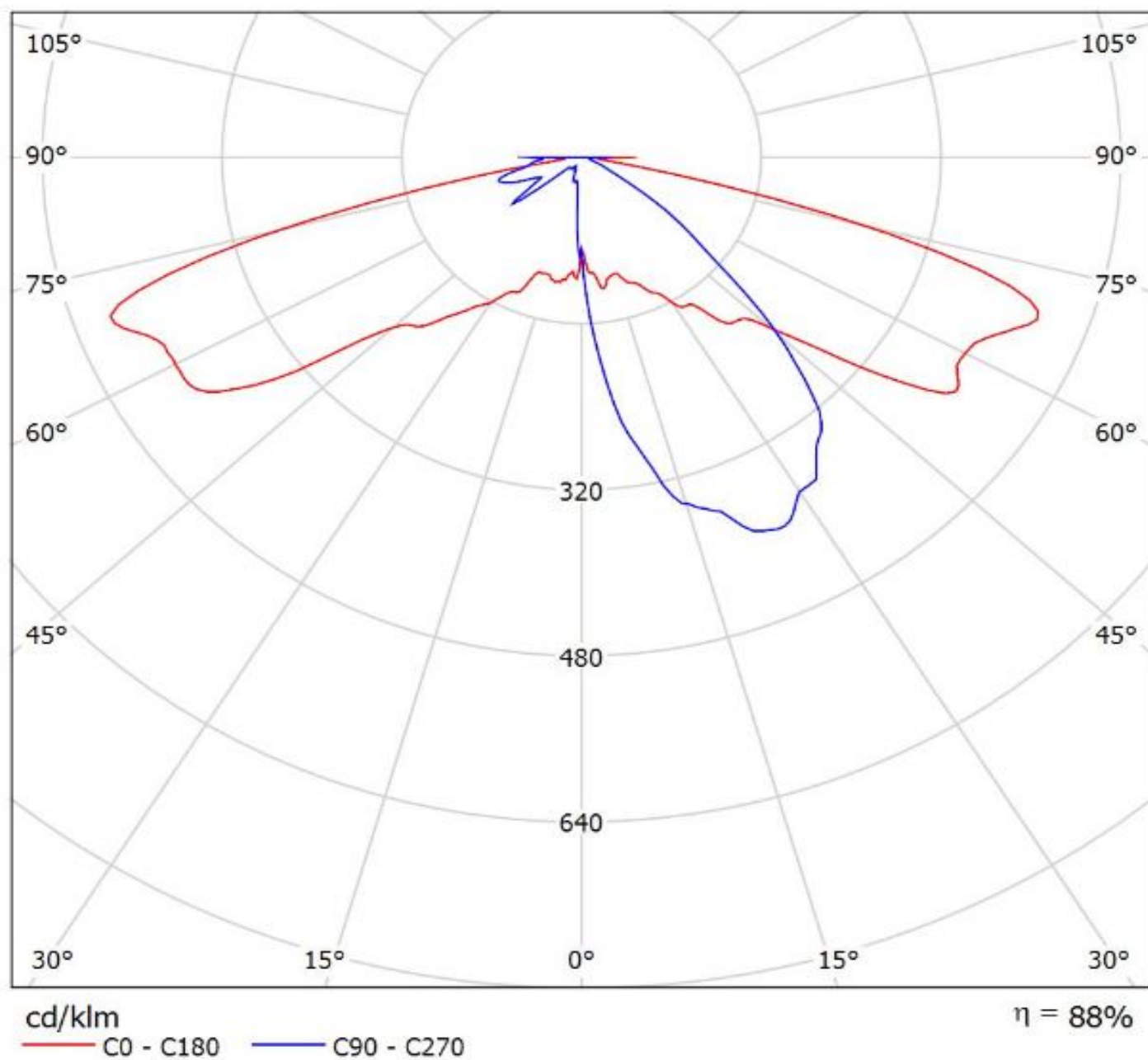
Luminaire: Ledil Oy CS14055_STRADA-IP-2X6-T2_(Duris_P8)_SIMULATED
Lamps: 1 x Osram Duris P8



Luminaire: LEDiL Oy CS14055_STRADA-IP-2X6-T2_Fortimo FastFlex LED board 2x6 DP G4
Lamps: 1 x Fortimo FastFlex LED board 2x6 DP G4

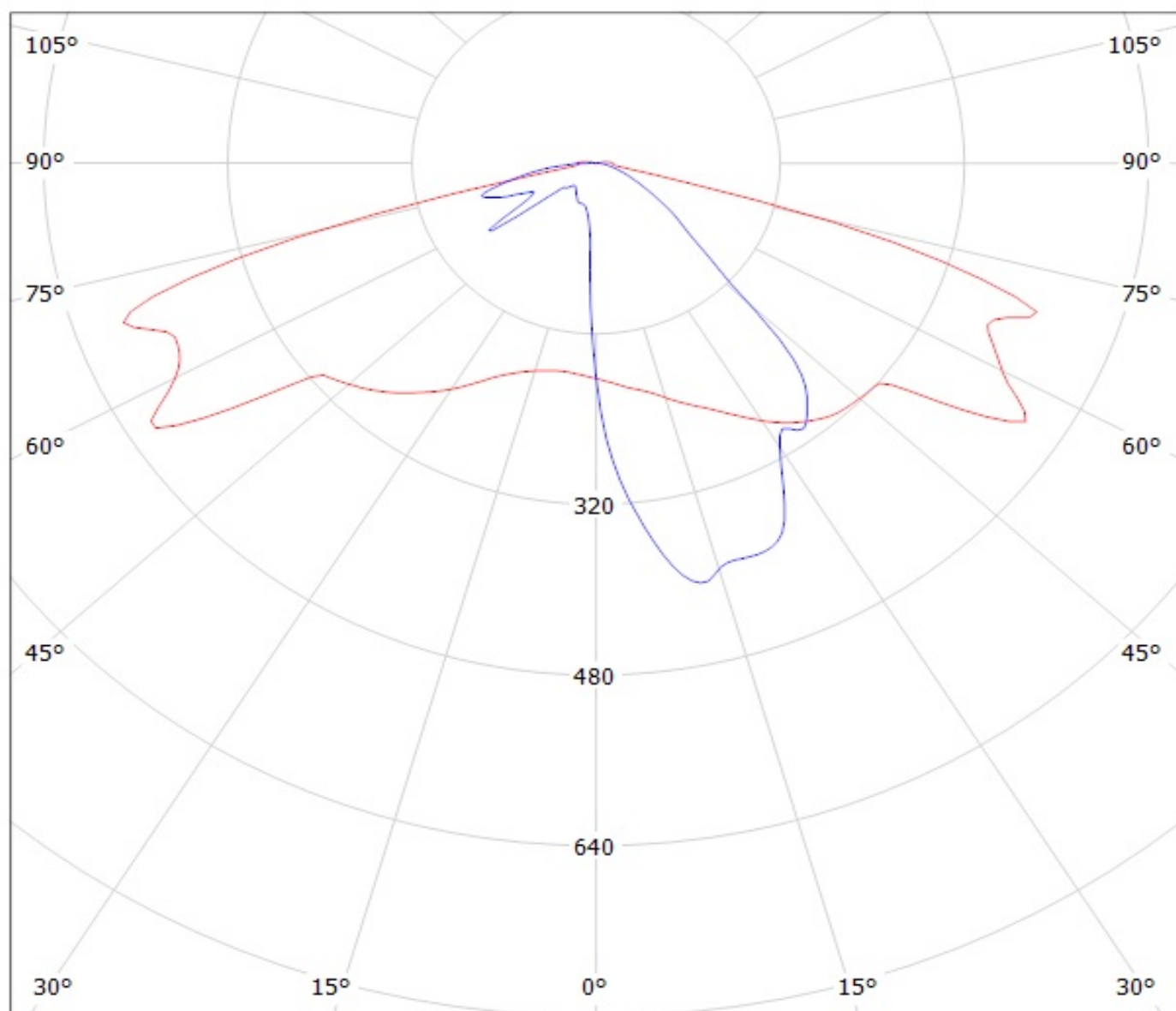


Luminaire: Ledil Oy CS14055_STRADA-IP-2X6-T2_Fortimo FastFlex LED board 2x6 DPX G4
Lamps: 1 x Fortimo FastFlex LED board 2x6 DPX G4



Luminaire: LEDiL Oy CS14055_STRADA-IP-2X6-T2_(LH351Z)

Lamps: 1 x SAMSUNG_LH351Z_2x6_956.95lm@250mA_P=8.67003W_I=249.9mA



cd/klm

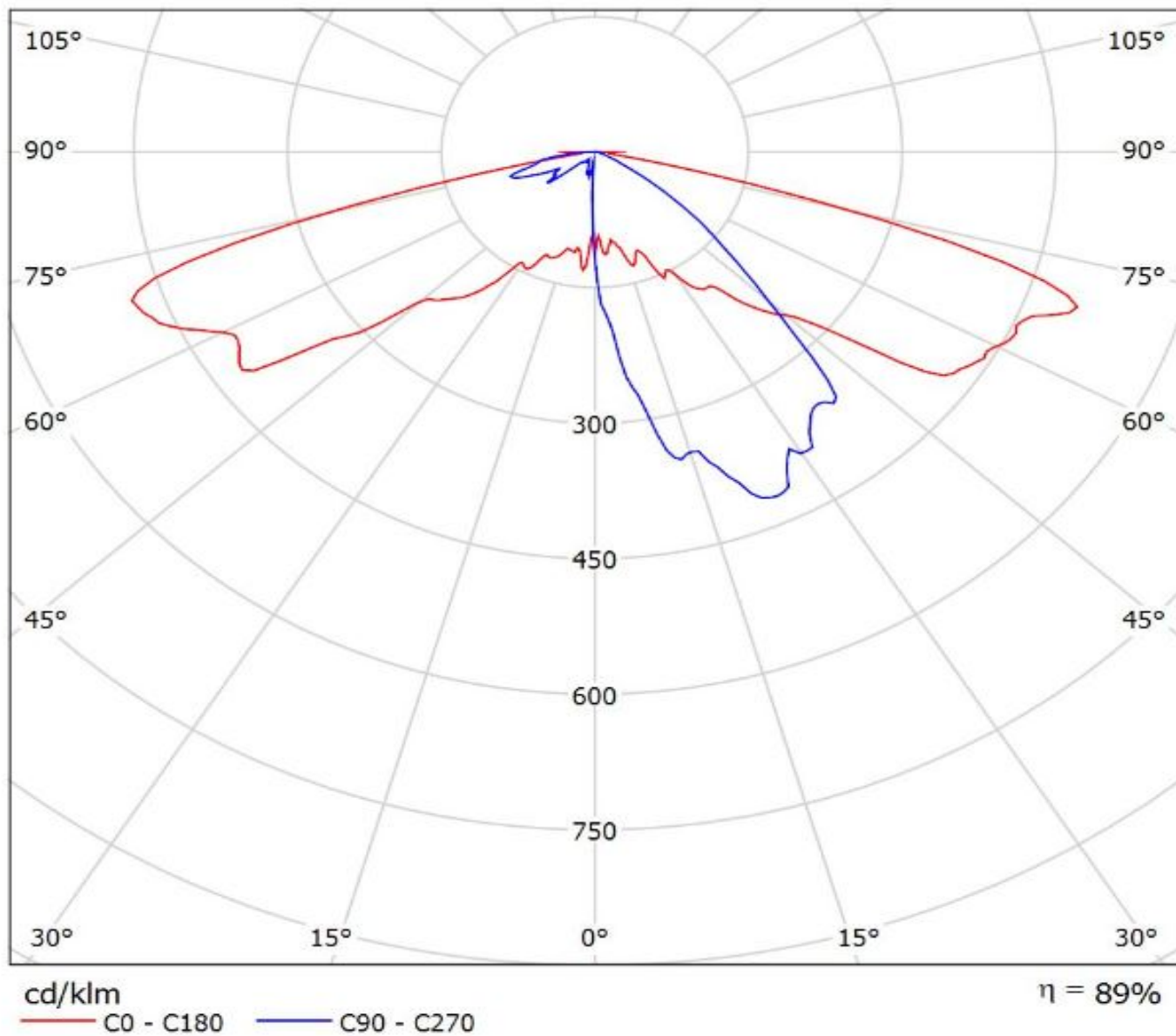
— C0 - C180

— C90 - C270

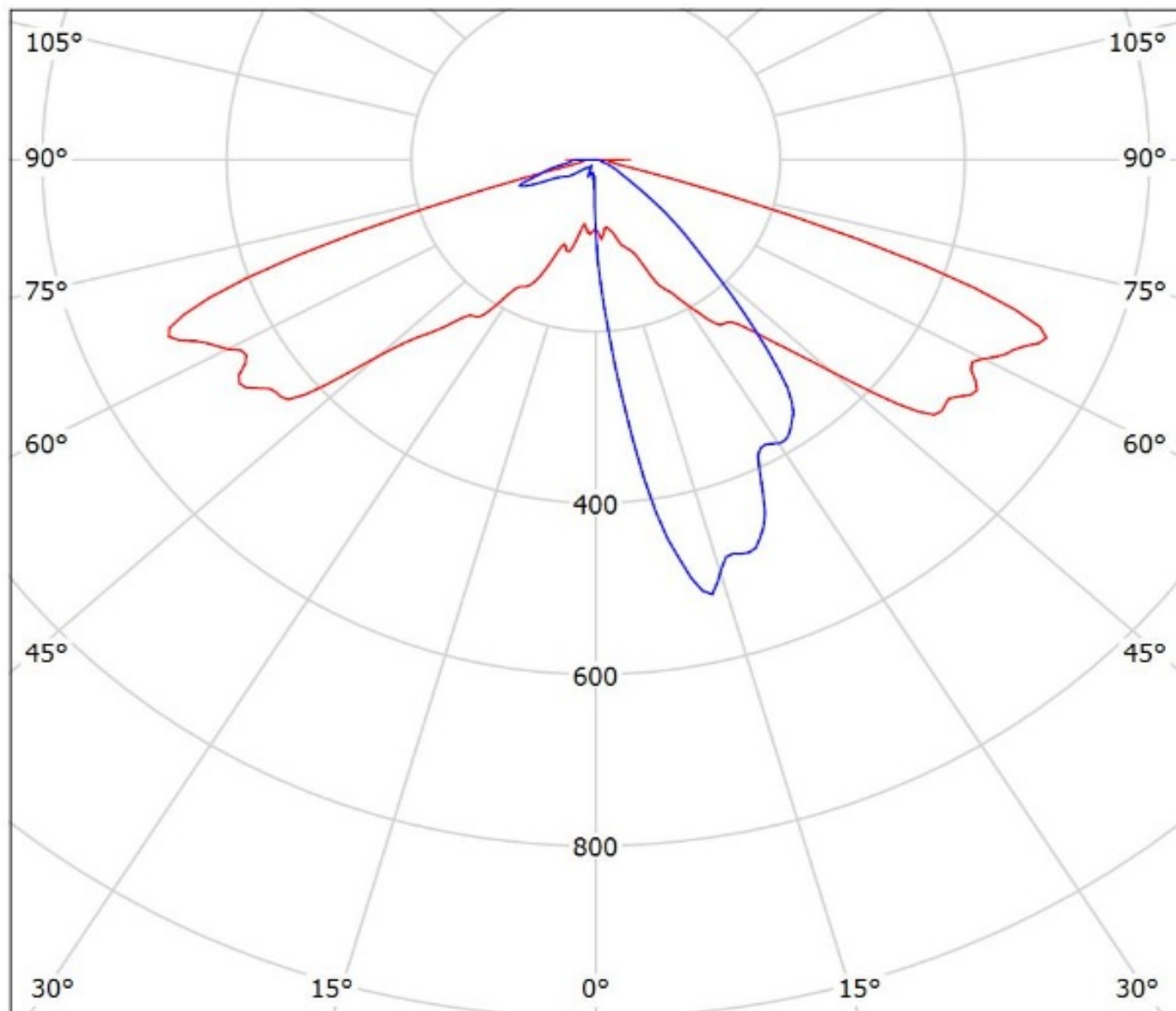
$\eta = 94\%$

Ledil Oy CS14055STRADA-IP-2X6-T2 / LDC (Polar)

Luminaire: Ledil Oy CS14055STRADA-IP-2X6-T2
Lamps: 1 x SEOUL_Z5M



Luminaire: Ledil Oy CS14055_STRADA-IP-2X6-T2_(Z5M1)_SIMULATED
Lamps: 1 x Seoul Z5M1



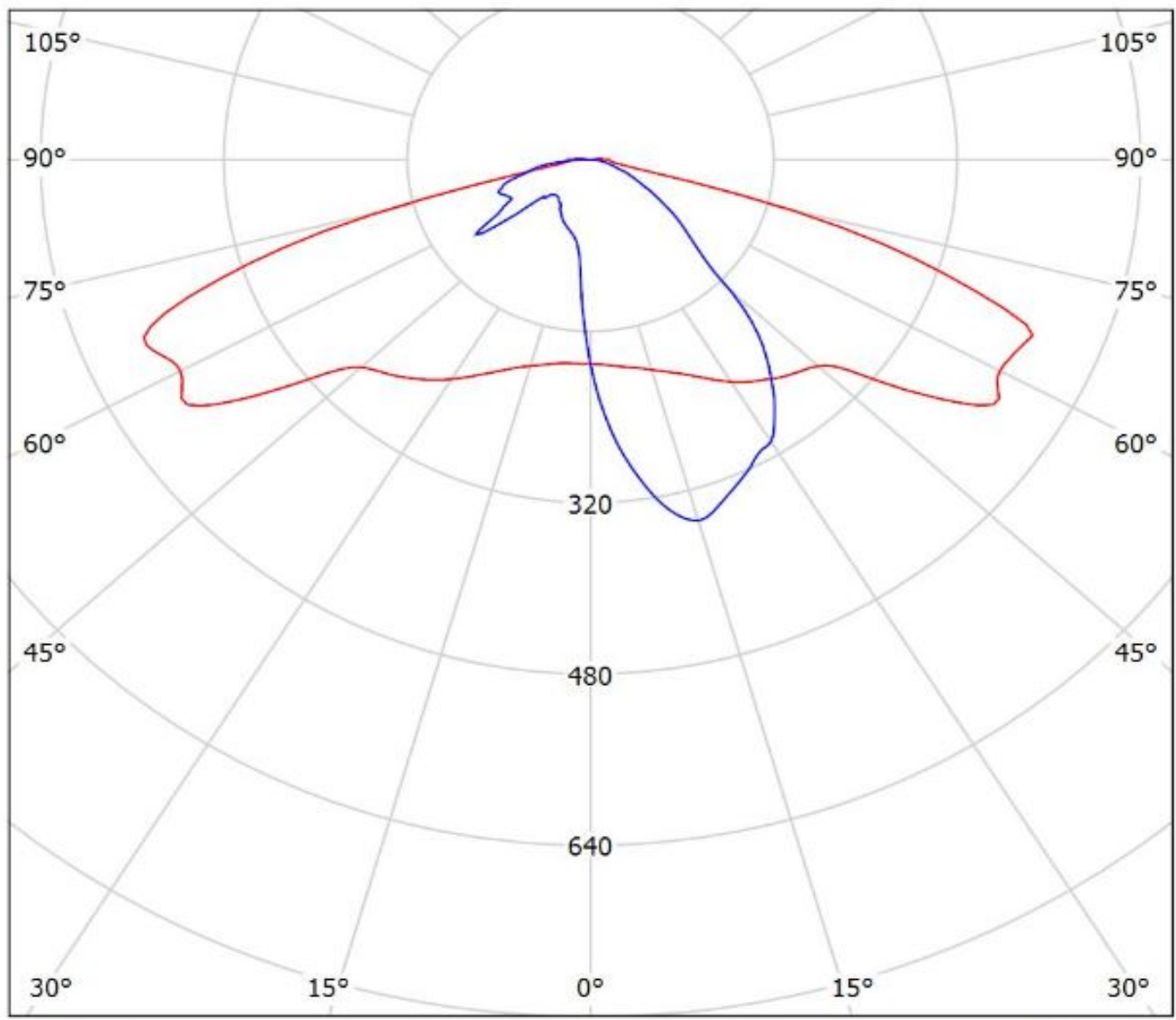
cd/klm

— C0 - C180 — C90 - C270

$\eta = 90\%$

Luminaire: Ledil CS14055_STRADA-IP-2X6-T2_(Z8Y22_PLUS)

Lamps: 1 x Seoul_Z8Y22_PLUS_2X6_(SZ8-Y22-W0-C7P)1489.65lm@250mA_P=8.30675W_I=0.250A



cd/klm

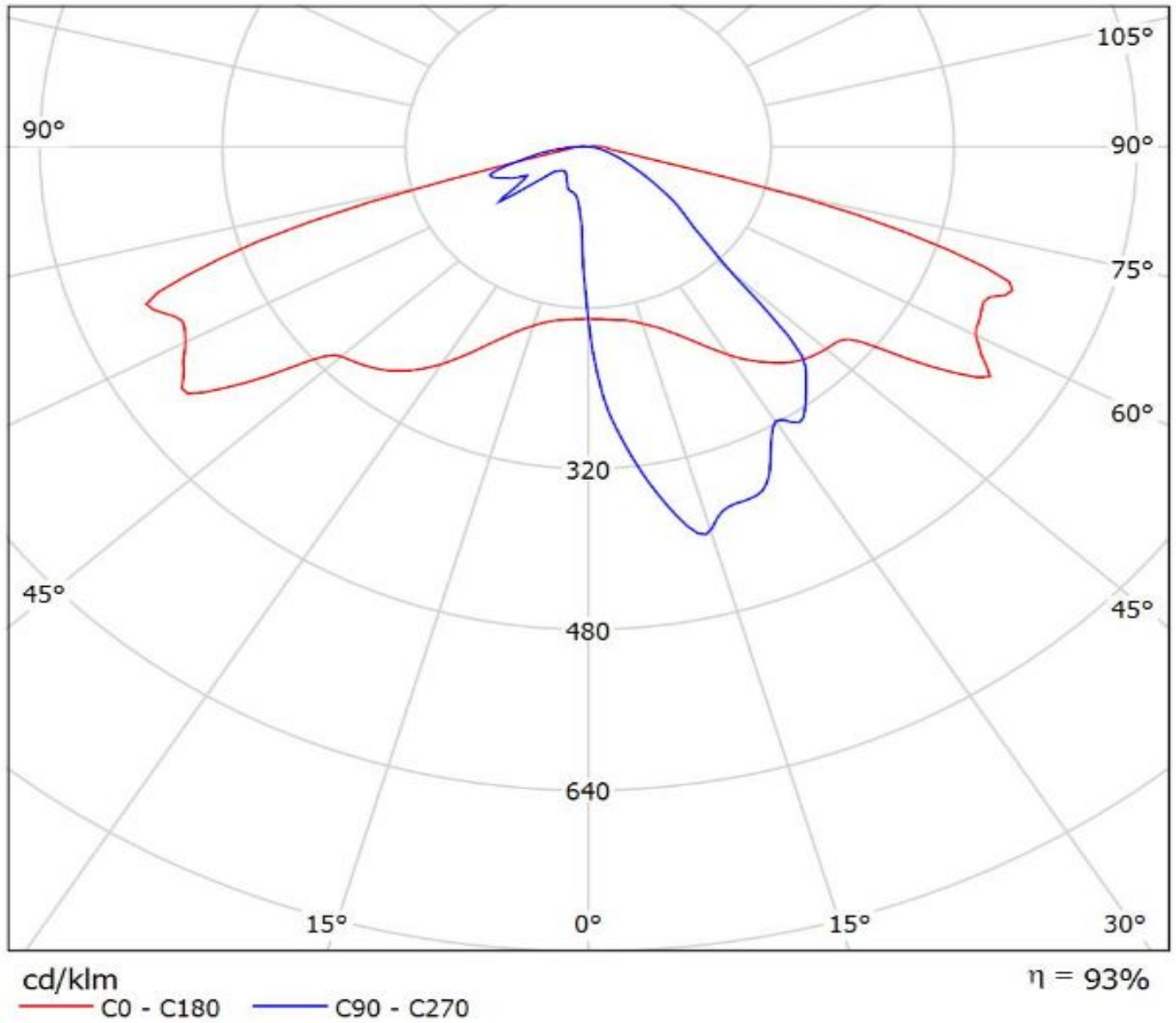
— C0 - C180 — C90 - C270

$\eta = 96\%$

Ledil CS14055_STRADA-IP-2X6-T2_(TL1L4) / LDC (Polar)

Luminaire: Ledil CS14055_STRADA-IP-2X6-T2_(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.