

DETAILS

Product Number	CS14055_STRADA-IP-2X6-T2
Family	Strada-IP
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	8/09/2016



OPTICAL PROPERTIES

LED	Viewing	Light	Effi-	cd/lm	Connector
	Angle	Beam	ciency		
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	-
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	-
LH351Z	asymmetric deg	Asymmetric	94 %	1.100	-
Acrich MJT 4040	sim: Asymmetric	Asymmetric	-	-	-
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 %	-	-



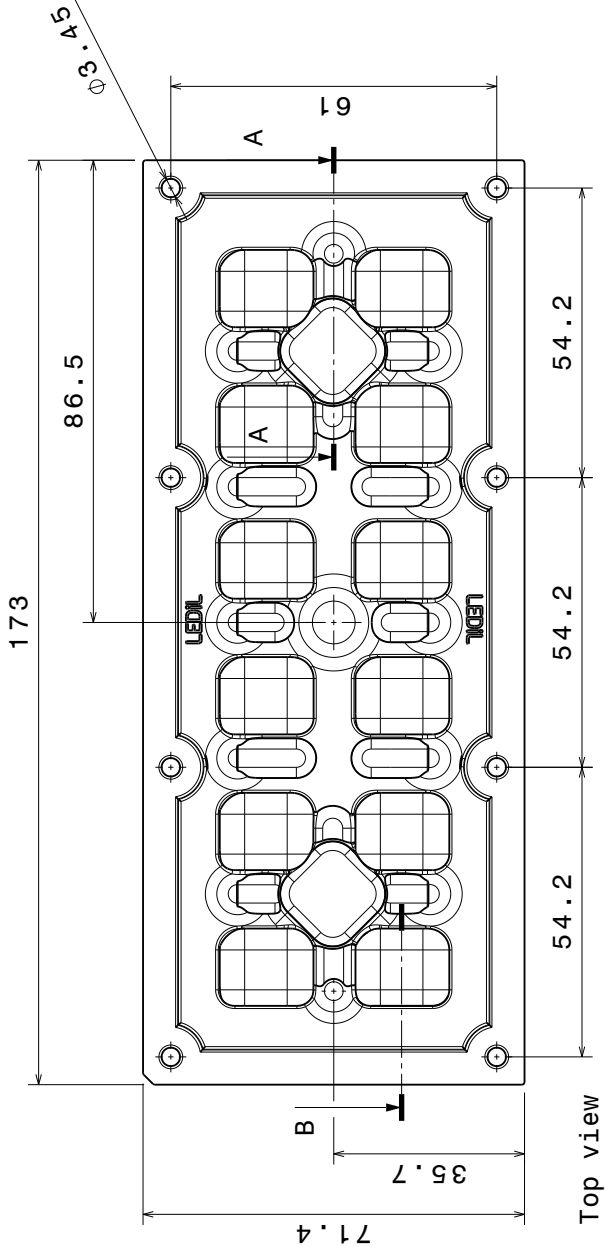
PRODUCT DATASHEET

Strada-IP series

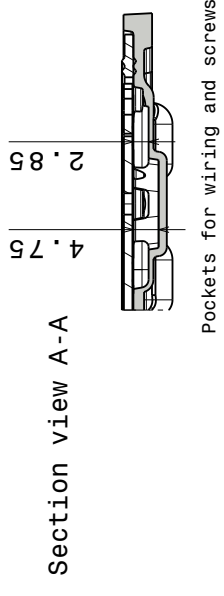
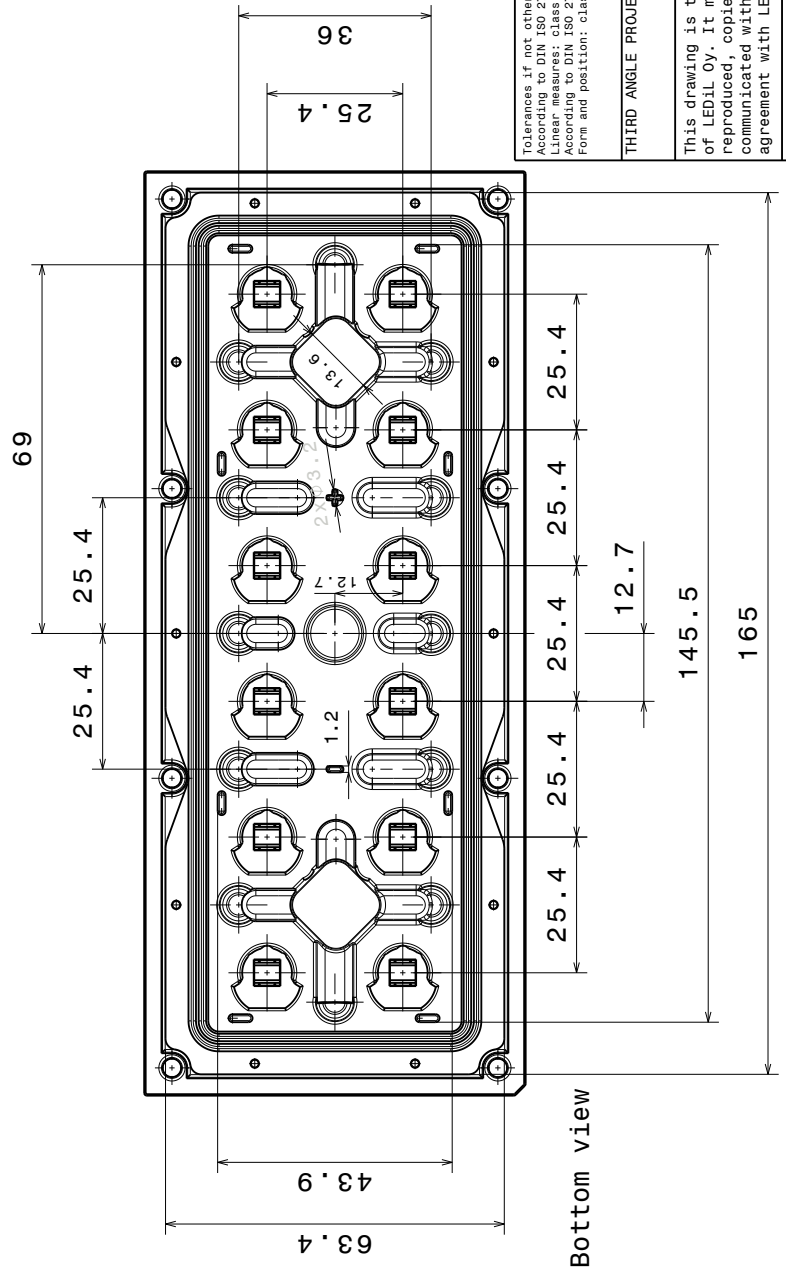
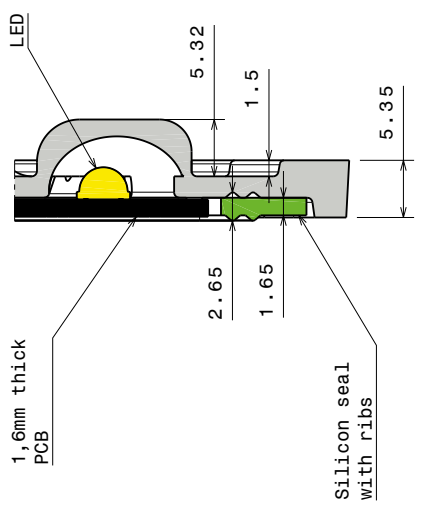
last update 8/9/2016

OPTICAL PROPERTIES

LED	Viewing Angle	Light Beam	Efficiency	cd/lm	Connector
TL1L2	sim: Asymmetric	Asymmetric	sim: 88 %	-	-
TL1L4	Asymmetric deg	Asymmetric	93 %	0.970	-



Section view B-B
Scale: 2:1



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

LEDIL Oy
Salorankatu 10
FIN 24240 SALO
Finland

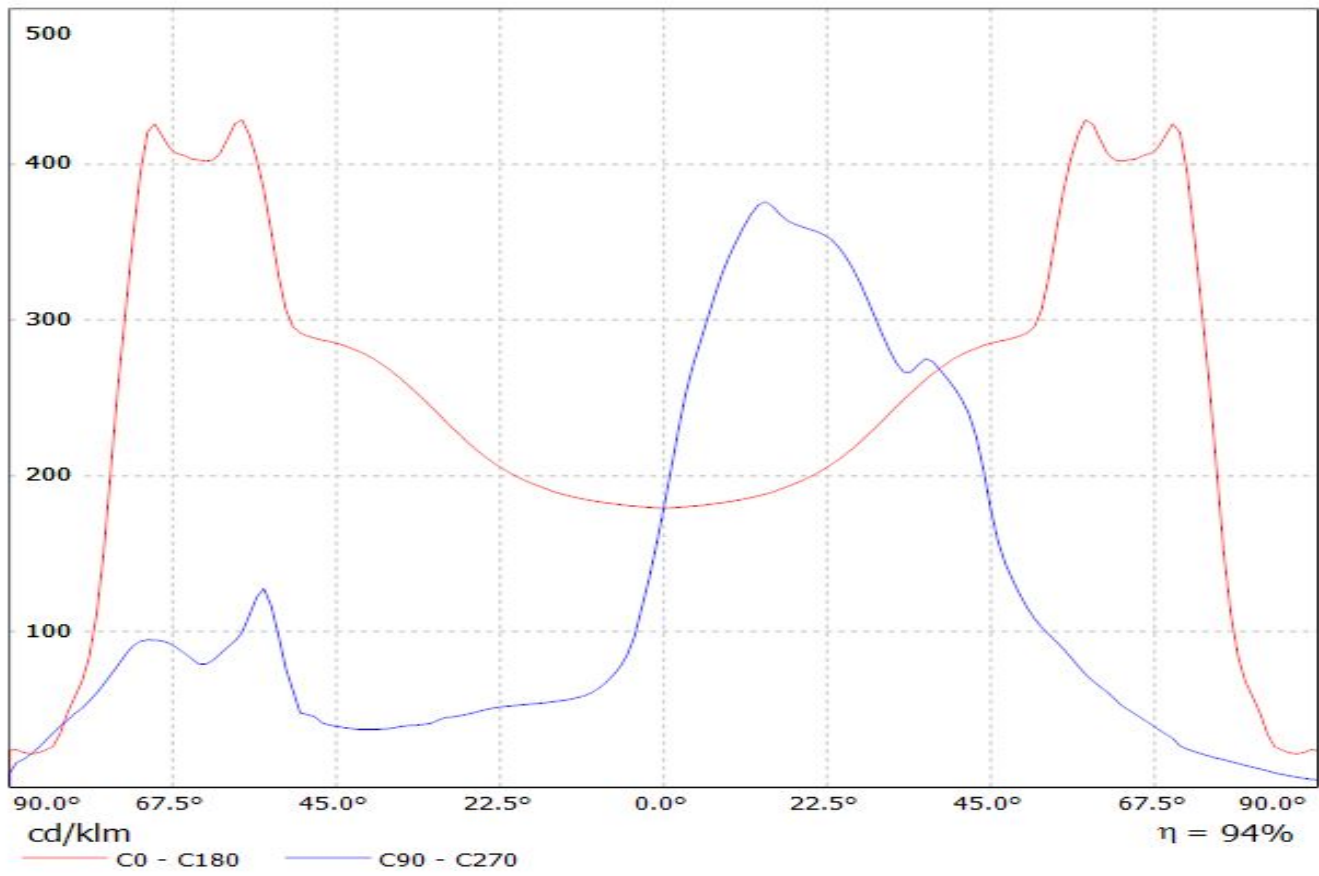
DRAWING TITLE		CS14055_STRADA-IP-2X6-T2	
SIZE	PART NUMBER	SCALE	1:1 WEIGHT 58,25 g
A3	CS14055	SHEET	1/2

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.

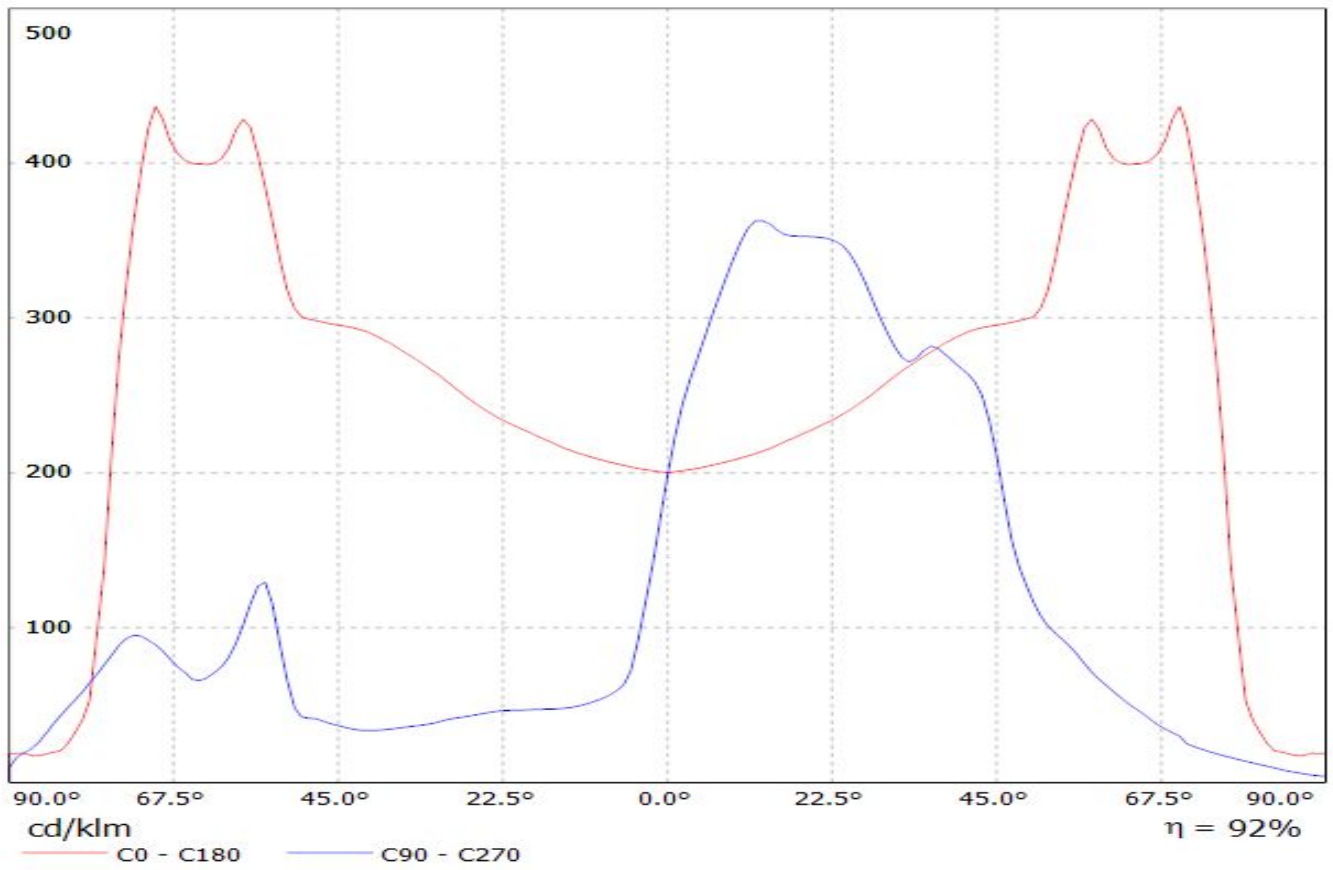
Tolerances if not otherwise shown according to DIN ISO 2768-1
Surface finish according to DIN ISO 2768-2
Form and position: class L

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

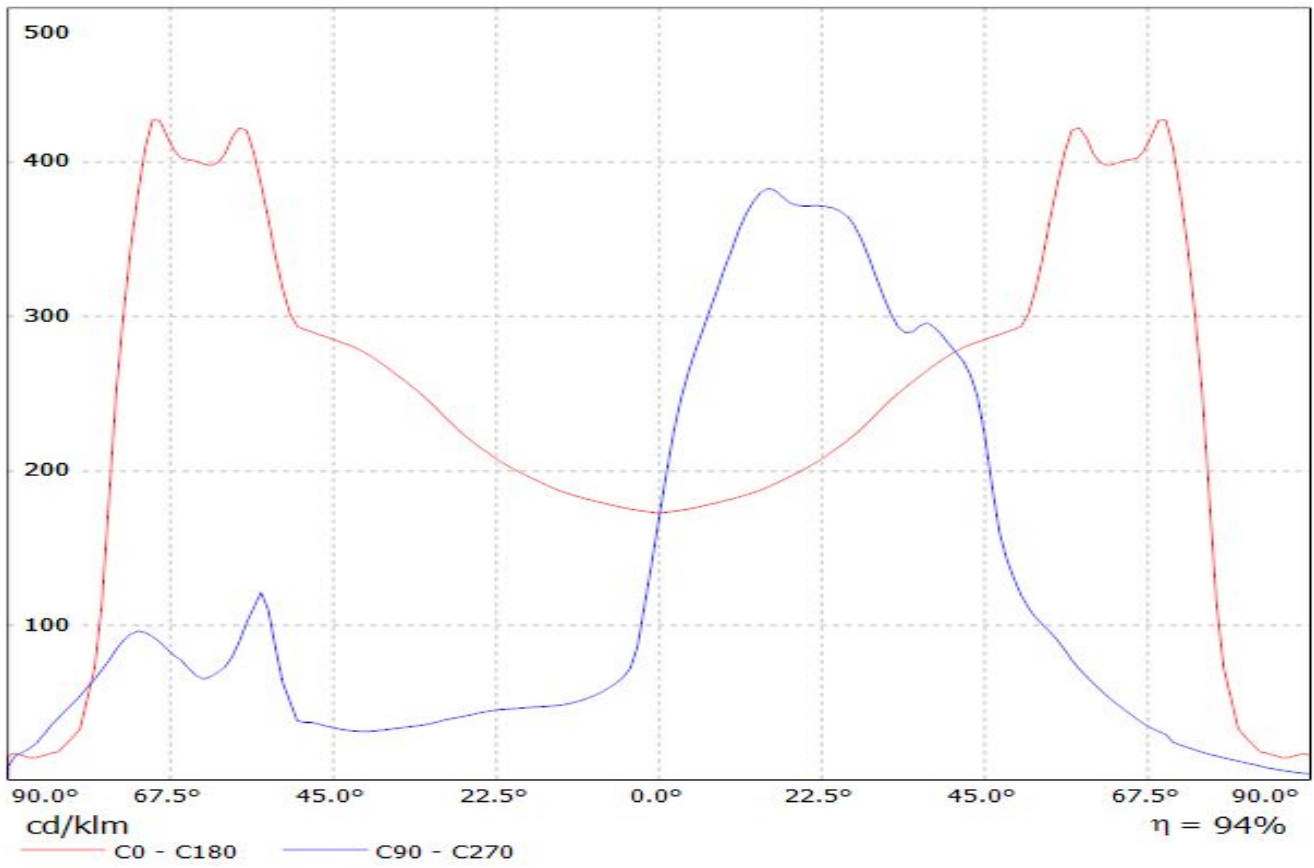
Lamps: 1 x CREE_XT-E_6x2_(XTEAWT-00-0000-000000HE4)_1265.91lm@250mA_P=8.86191W_I=249.8mA



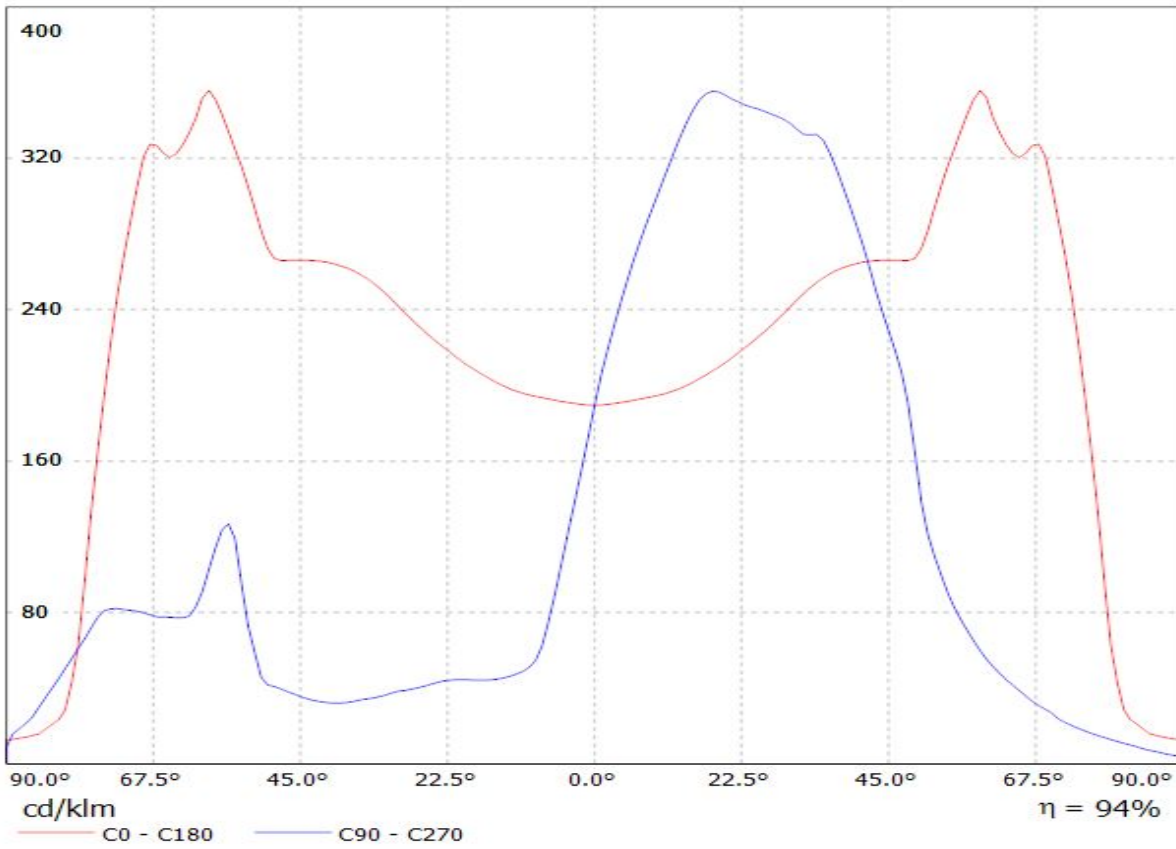
Luminaire: LEDiL Oy CS14055_STRADA-IP-2X6-T2_(XP-G)
Lamps: 1 x CREE_XP-G_1138.9lm@250mA_P=8.72152W_I=249.8mA



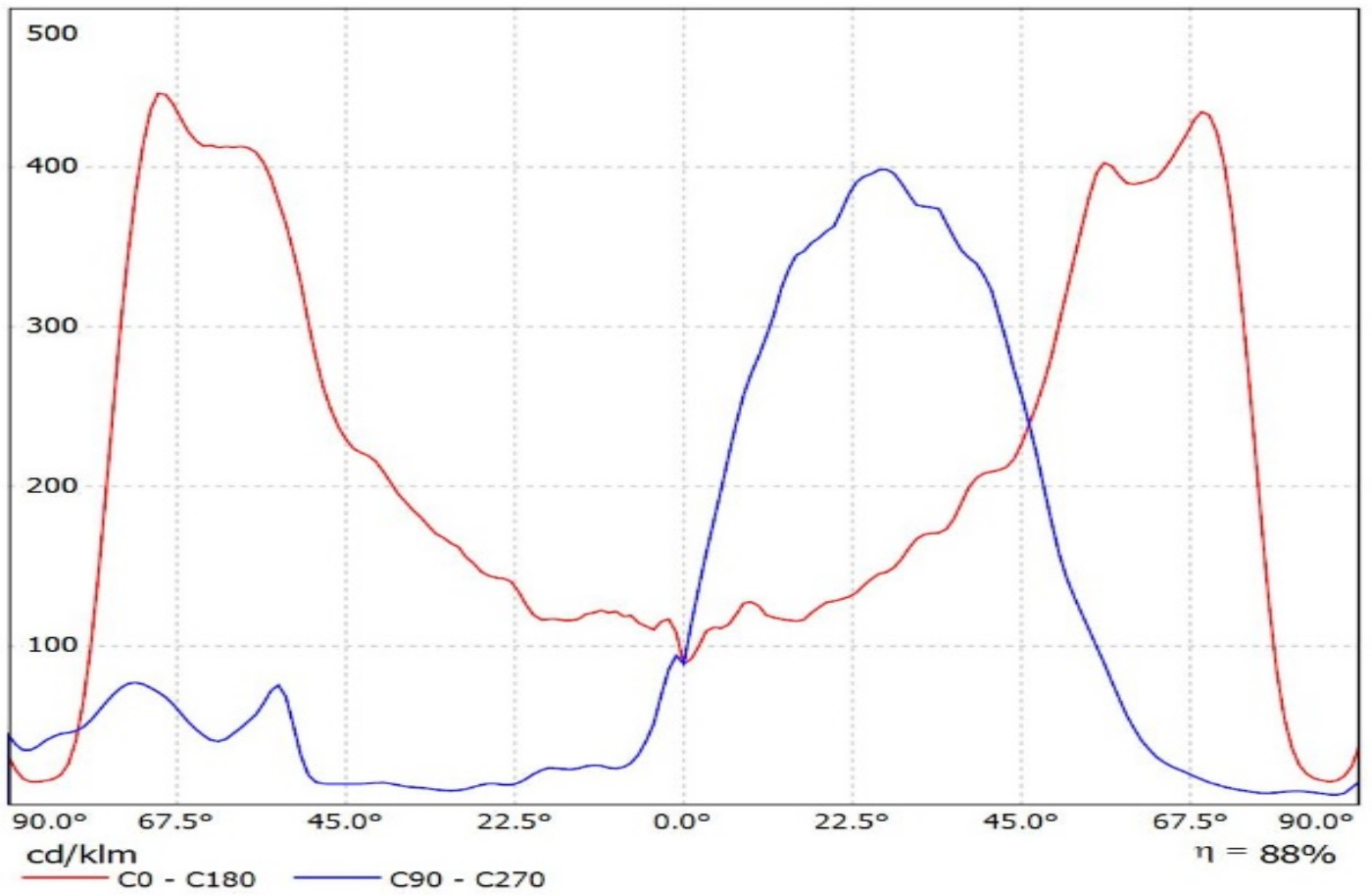
Luminaire: LEDiL Oy CS14055_STRADA-IP-2X6-T2_(XP-G2)
Lamps: 1 x CREE_XP-G2_787lm@250mA_P=8.52467W_I=249.8mA



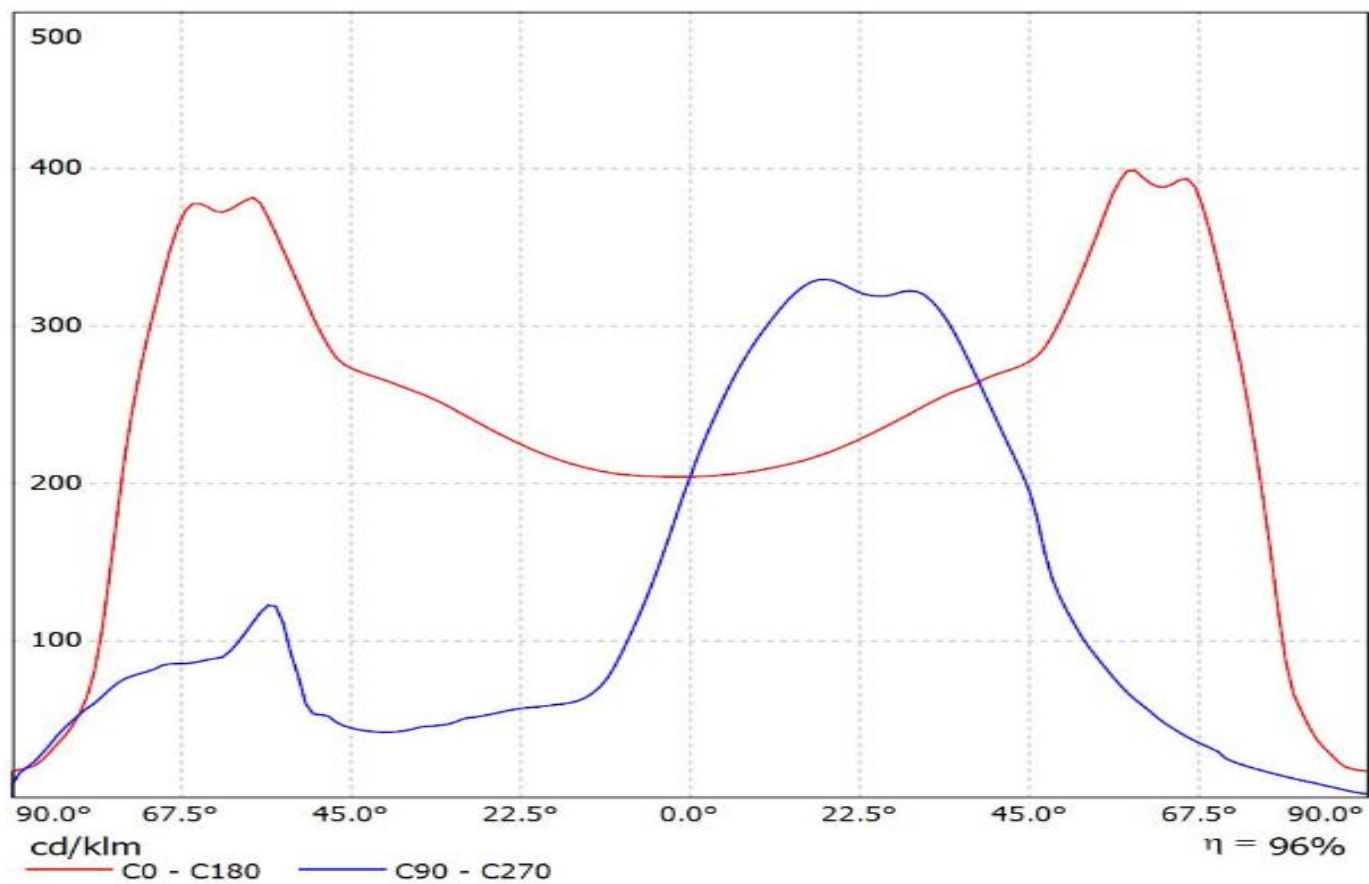
Luminaire: LEDiL Oy CS14055_STRADA-IP-2X6-T2_(XP-L)
Lamps: 1 x CREE_XP-L_2x6_(XPLAWT-0-7A3-U50-0H-0001)_1253.88lm@250mA_P=8.22317W_I=249.8mA



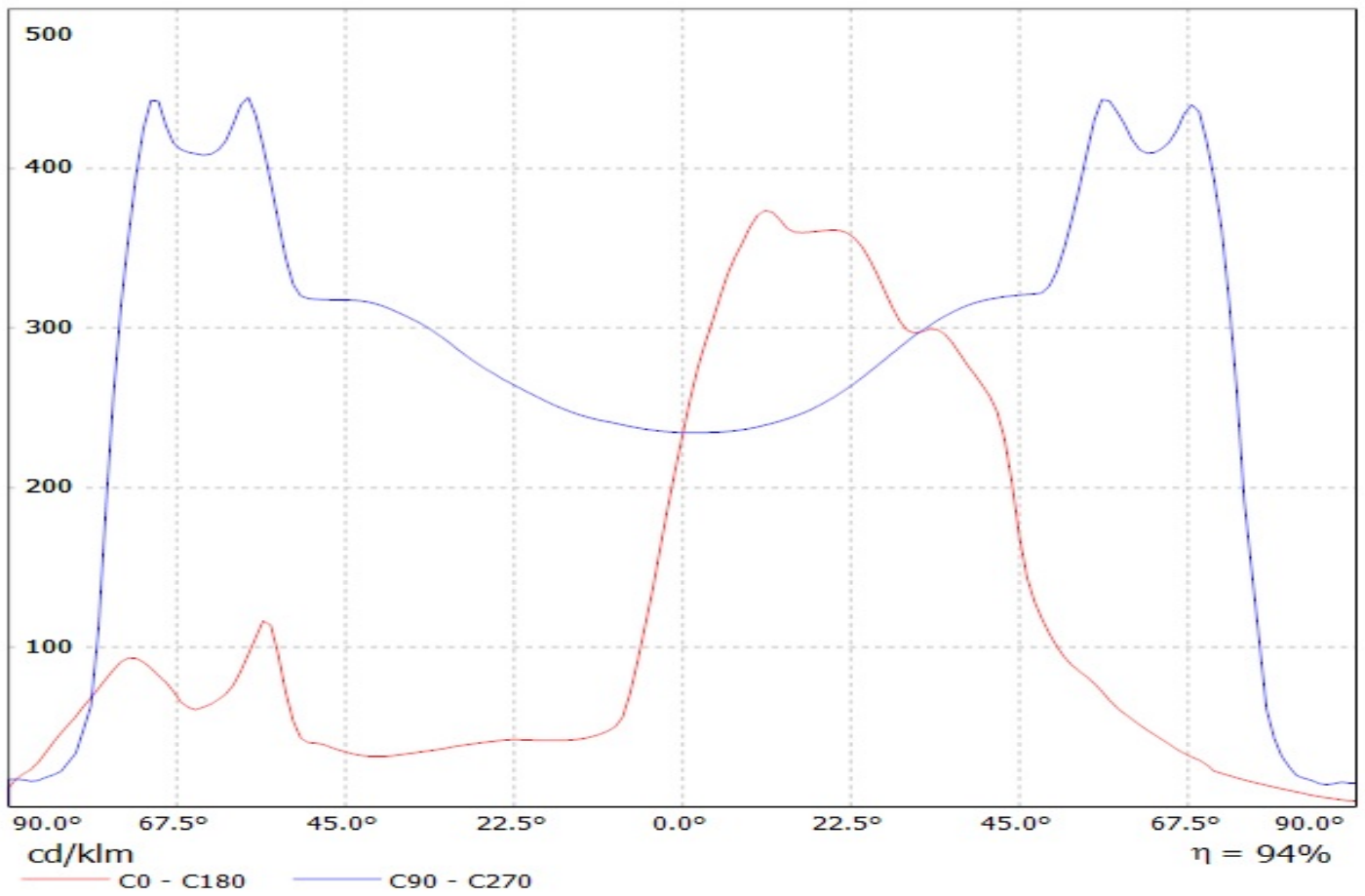
Luminaire: Ledil Oy CS14055_STRADA-IP-2X6-T2_(XP-G3)_SIMULATED
Lamps: 1 x Cree XP-G3



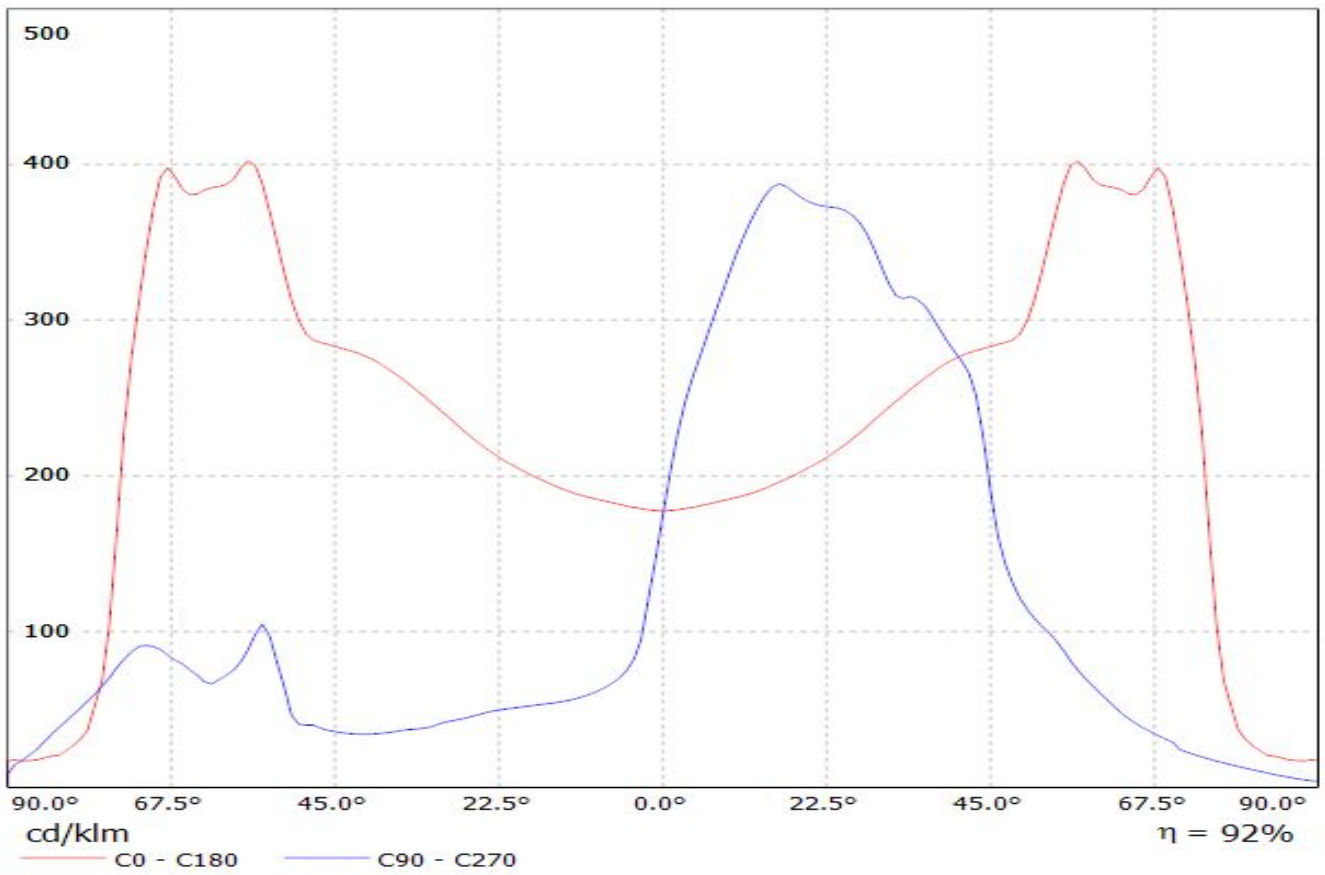
Luminaire: Ledil CS14055_STRADA-IP-2X6-T2_(XP-L2)
Lamps: 1 x Cree_XP-L2x12_(XPGBWT-H1-3B0-R5-0-01)
1666.32lm@250mA_CCT=5000_P=8.239W_I=0.25A



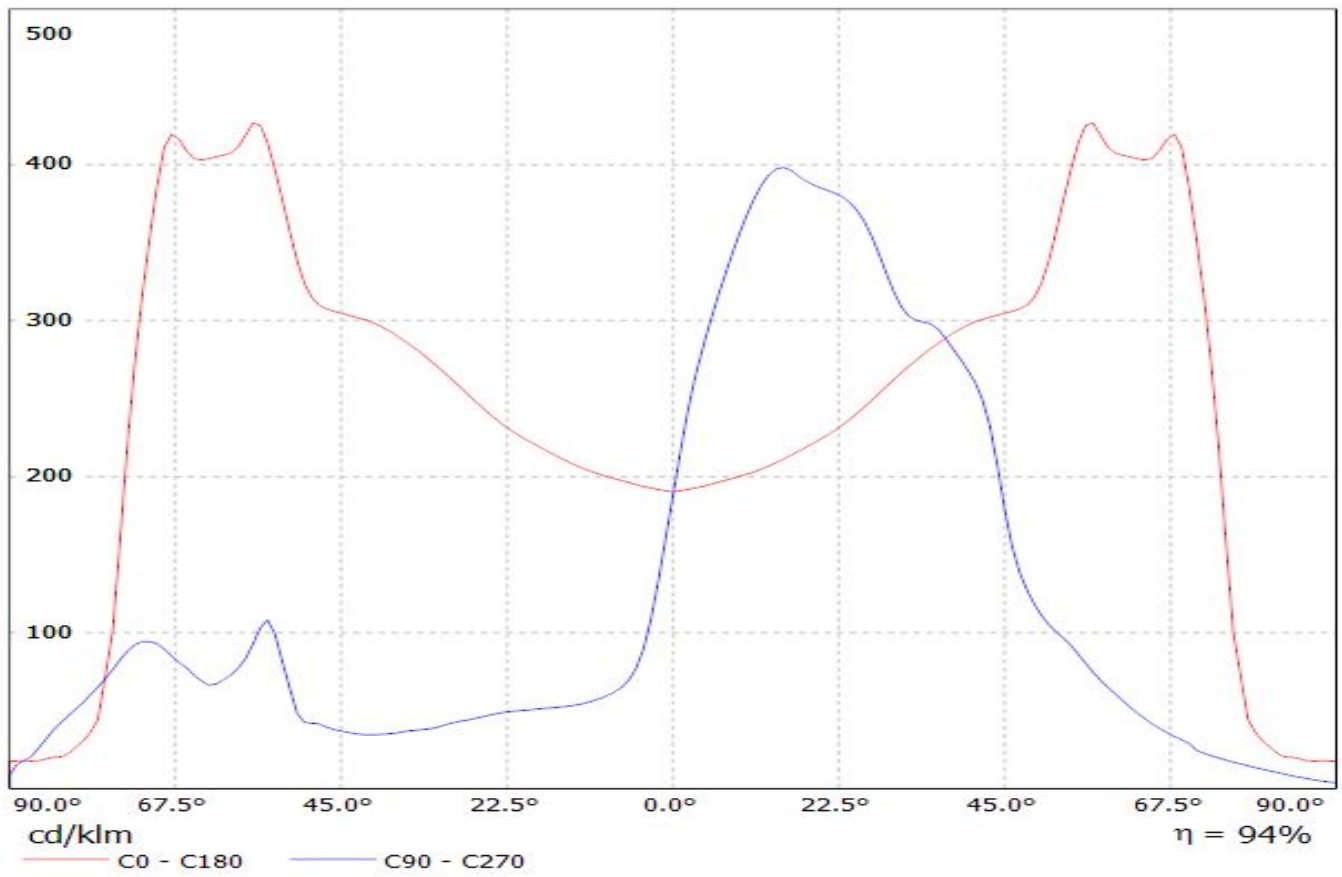
Luminaire: LEDiL Oy CS14055_STRADA-IP-2X6-T2_(LG_3535_H35C1) Eff: 94%
Lamps: 1 x LG_3535_H35C1_2x6_1368.4lm@250mA_P=8.55408W_I=249.9mA



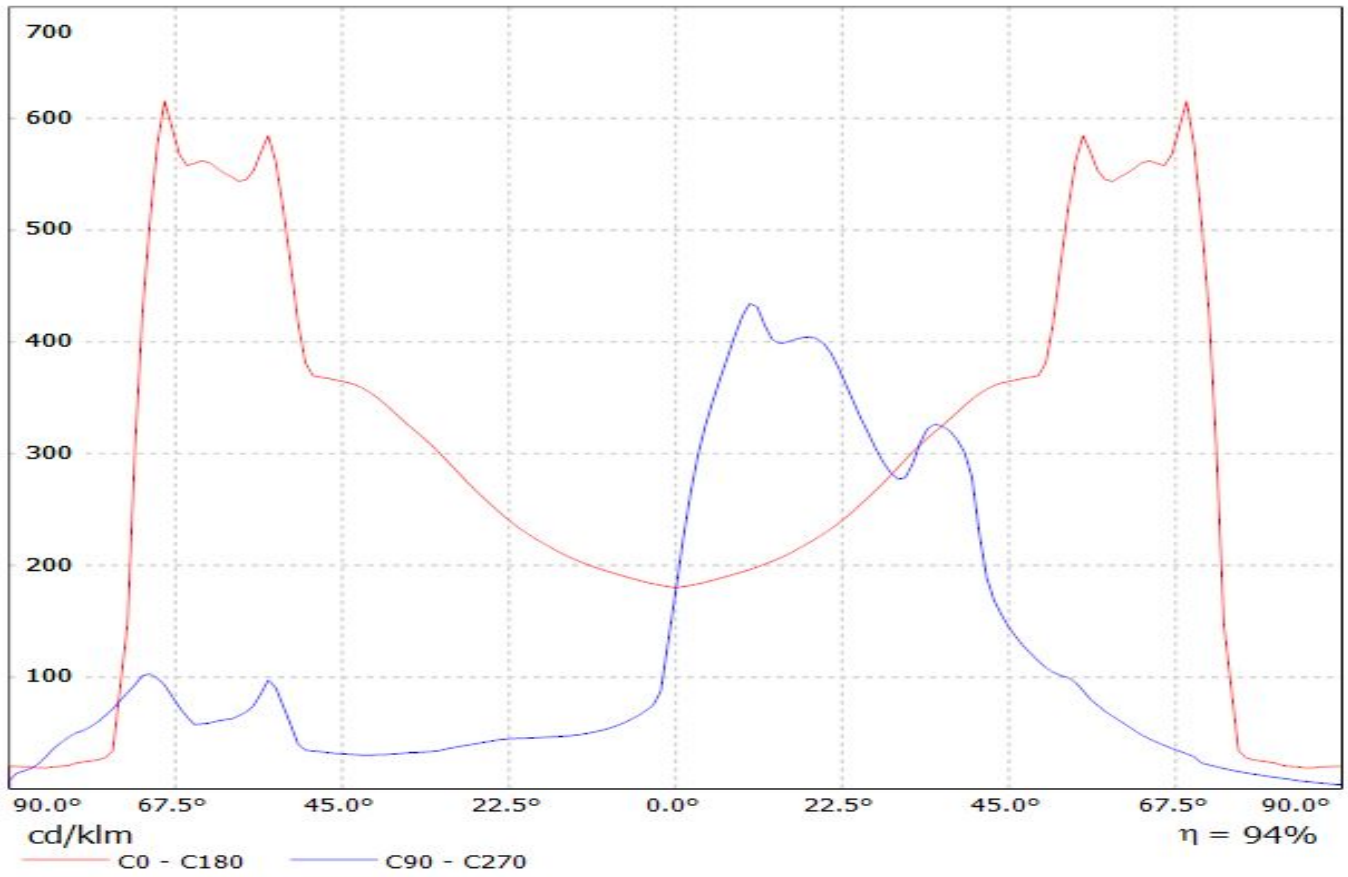
Luminaire: LEDiL Oy CS14055_STRADA-IP-2X6-T2_(LUXEON_R)
Lamps: 1 x LUXEON_R_1136.4lm@250mA_P=8.29211W_I=249.8mA



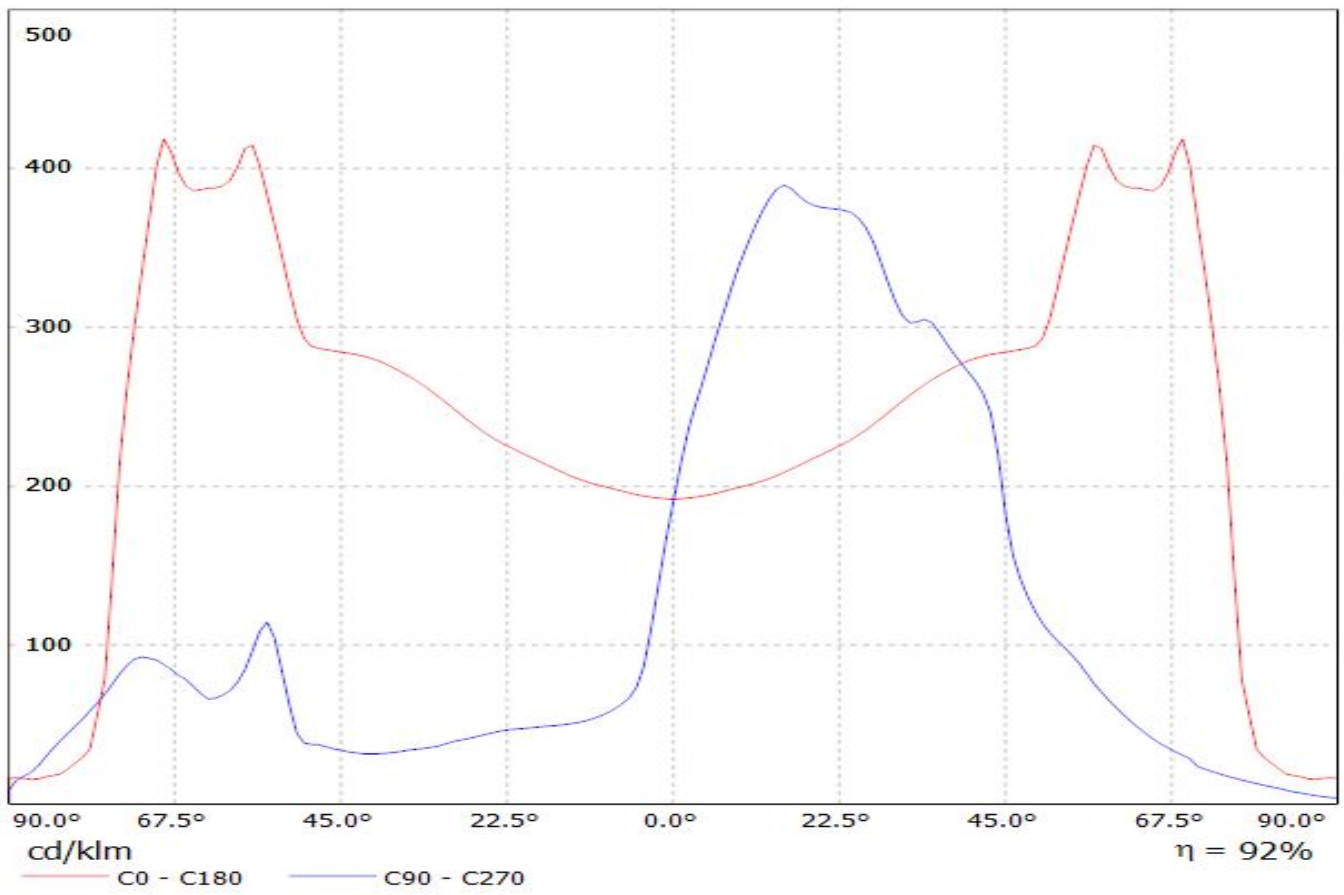
Luminaire: LEDiL Oy CS14055_STRADA-IP-2X6-T2_(REBEL-ES)
Lamps: 1 x LUXEON_REBEL-ES_852.7lm@250mA_P=9.03202W_I=249.8mA



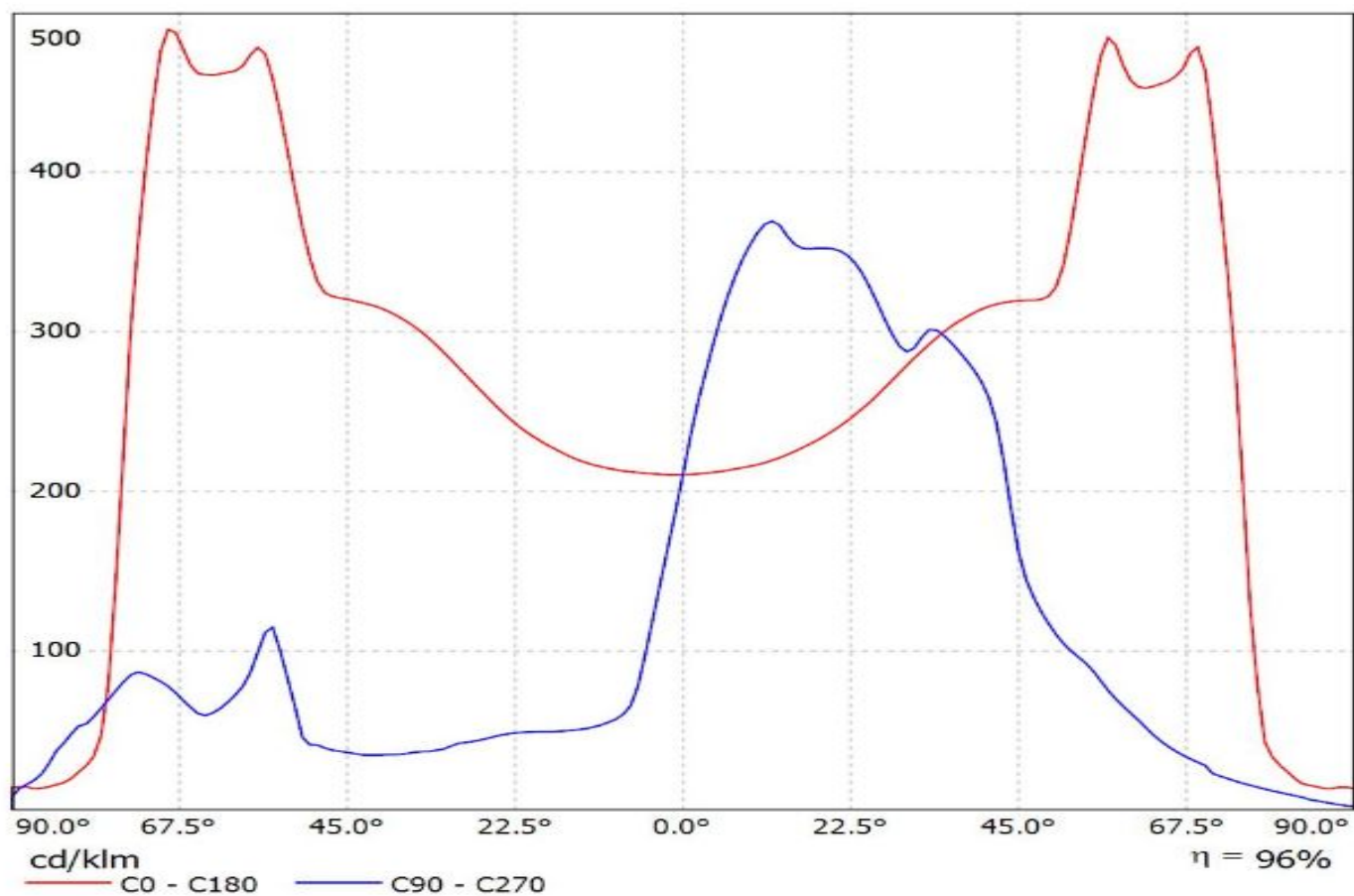
Luminaire: LEDiL Oy CS14055_STRADA-IP-2X6-T2_(LUXEON_Z_ES) Eff.94.3%
Lamps: 1 x LUXEON_Z_ES_970.851lm@250mA_P=8.31159W_I=249.8mA



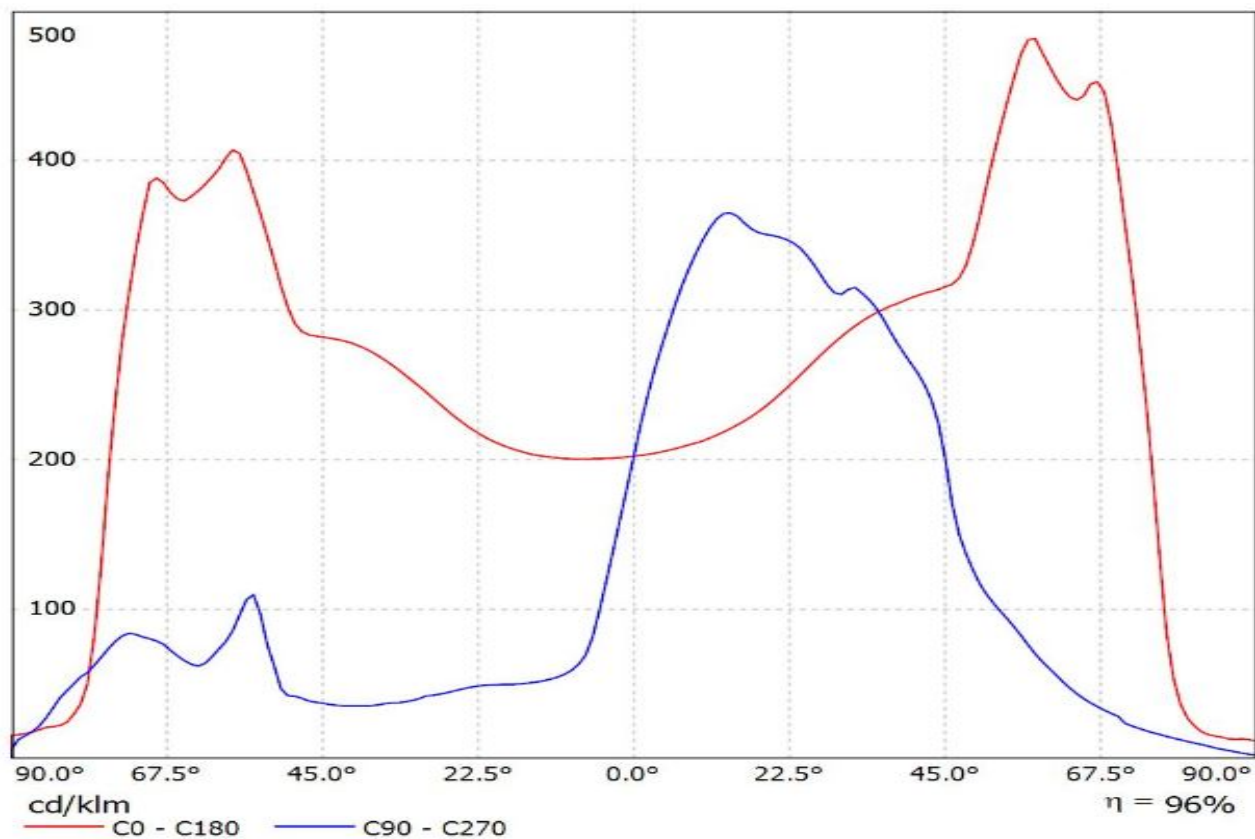
Luminaire: LEDiL Oy CS14055_STRADA-IP-2X6-T2_(LUXEON_T) Eff.94.0%
Lamps: 1 x LUXEON_T_6x2_(LXH8-FW30)_1044.9lm@250mA_P=8.46572W_I=249.8mA



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

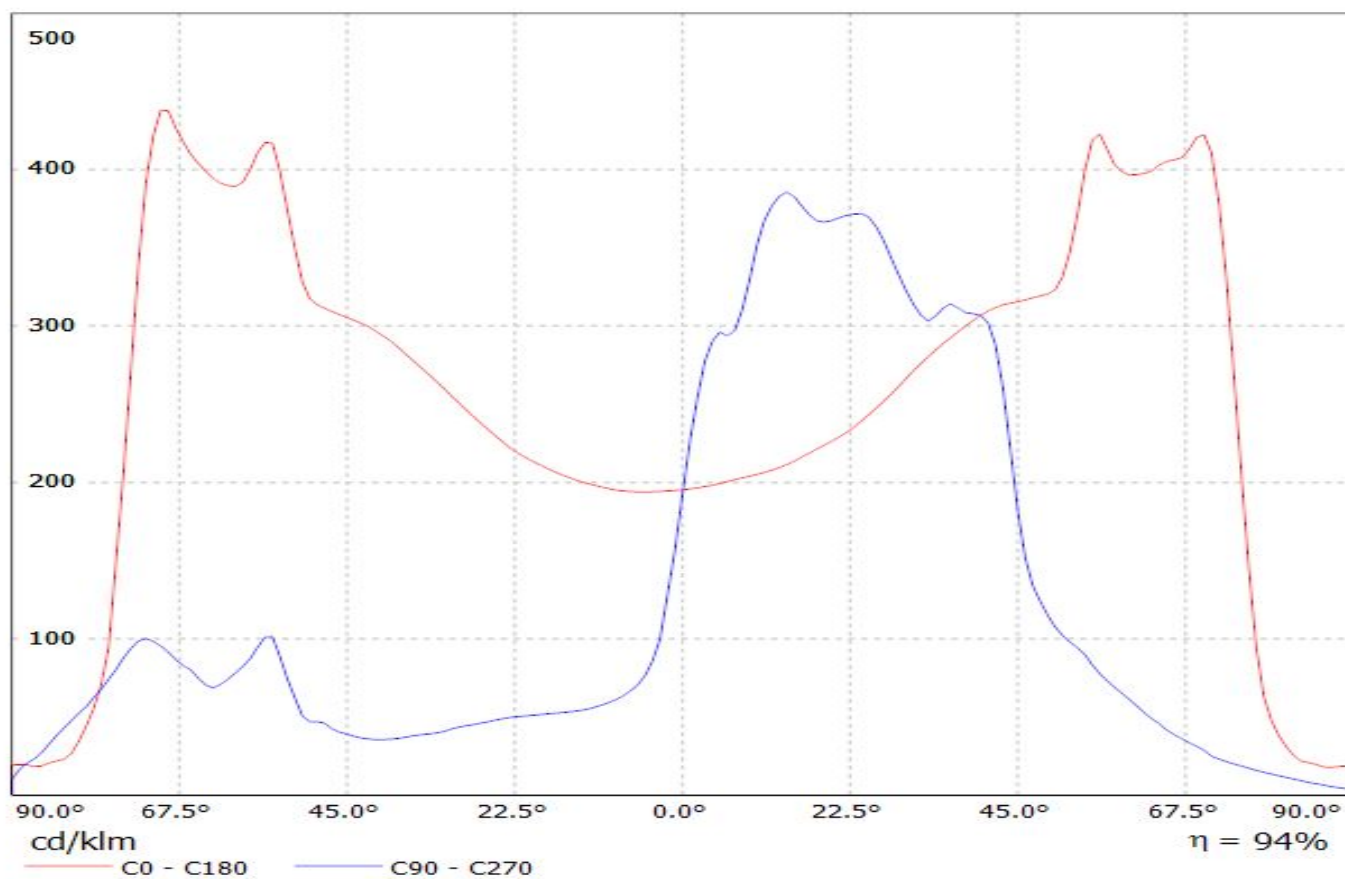


Luminaire: Ledil CS14055_STRADA-IP-2X6-T2_(NVSL219CT)
Lamps: 1 x Nichia_NVSL219CT_2x6_1262.53lm@250mA_P=8.35825W_I=0.25A

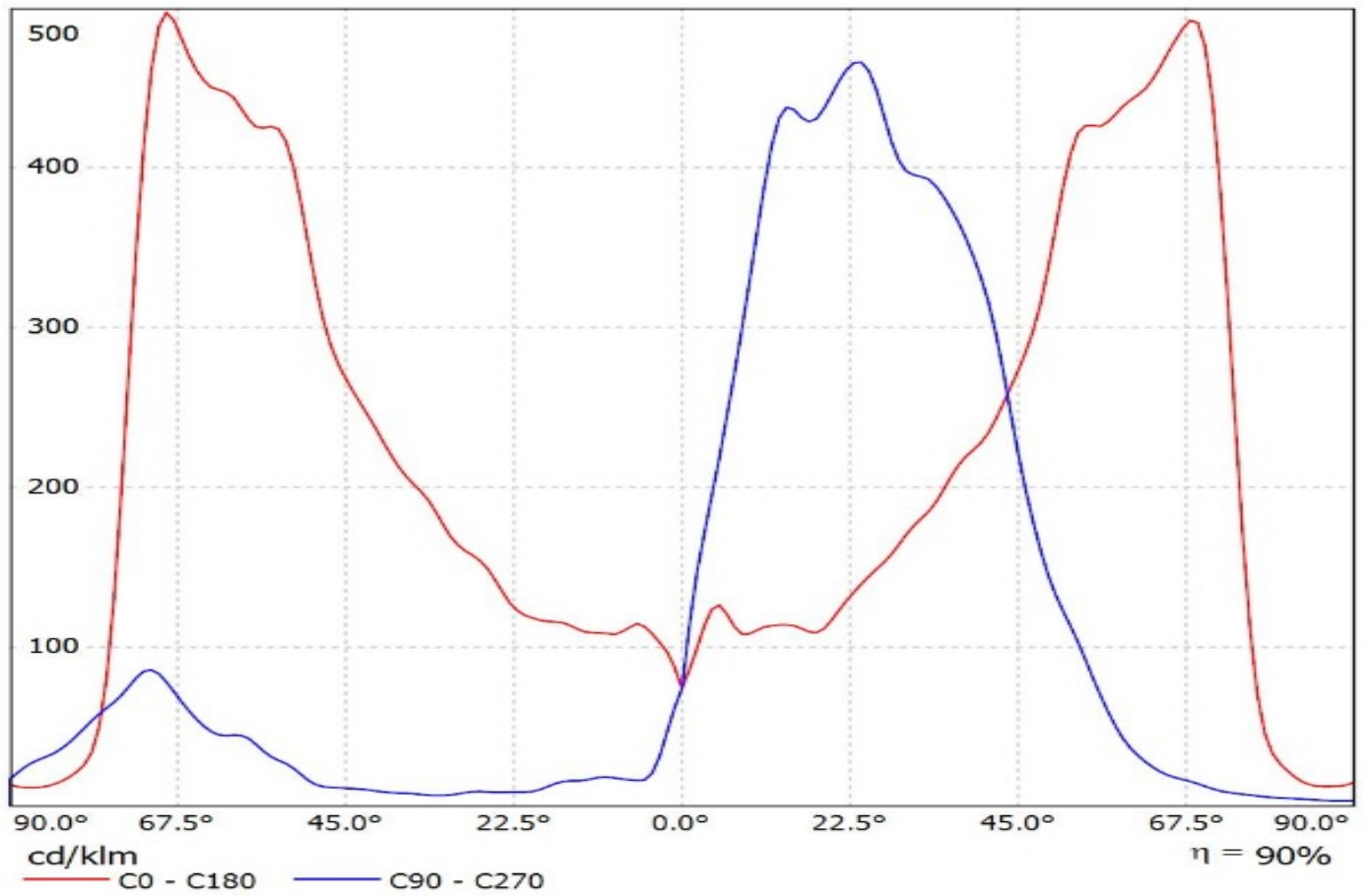


Luminaire: LEDiL Oy CS14055_STRADA-IP-2X6-T2_(SQUARE)

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

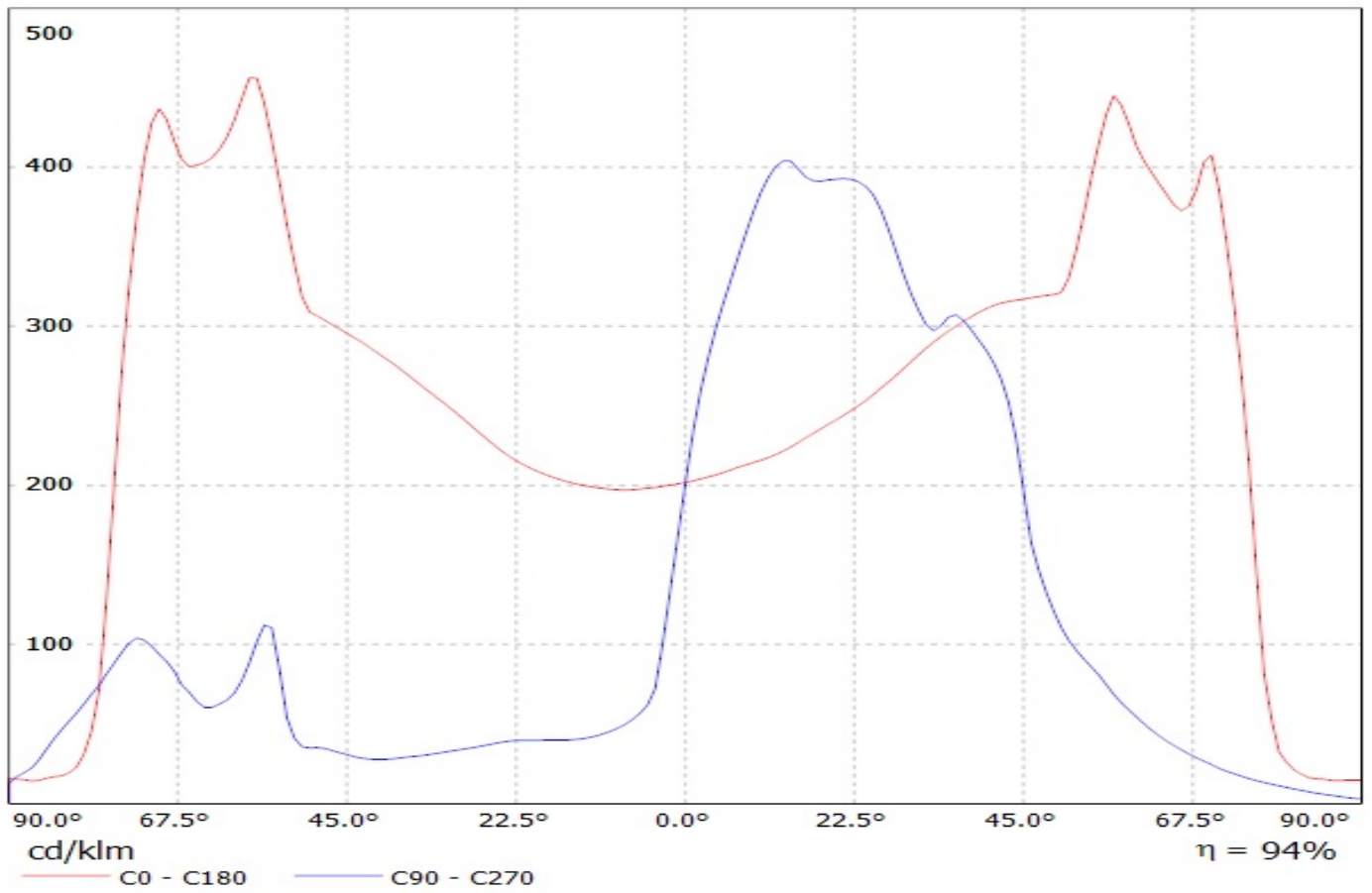


Luminaire: Ledil Oy CS14055_STRADA-IP-2X6-T2_(Duris_P8)_SIMULATED
Lamps: 1 x Osram Duris P8



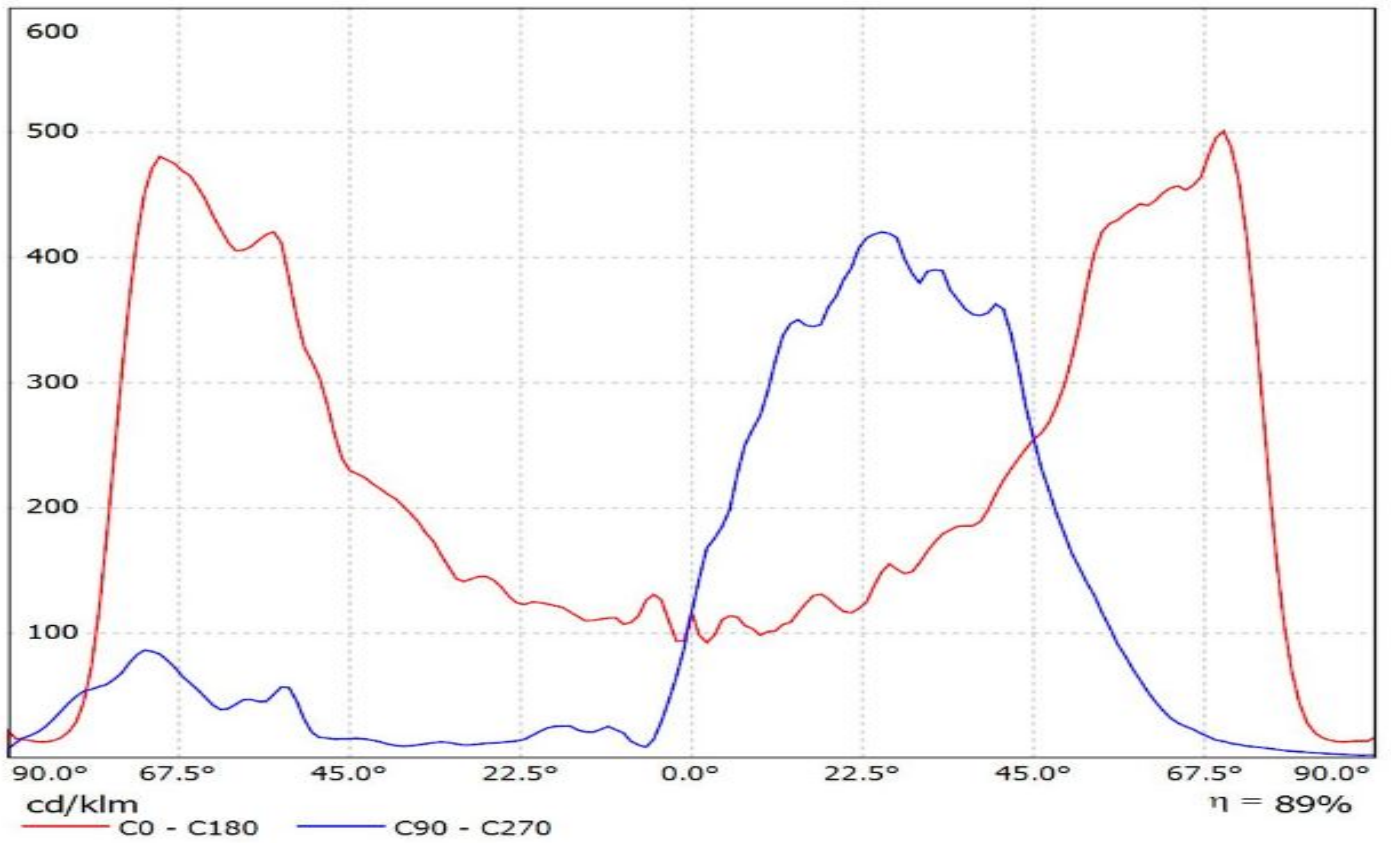
Luminaire: LEDiL Oy CS14055_STRADA-IP-2X6-T2_(LH351Z)

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

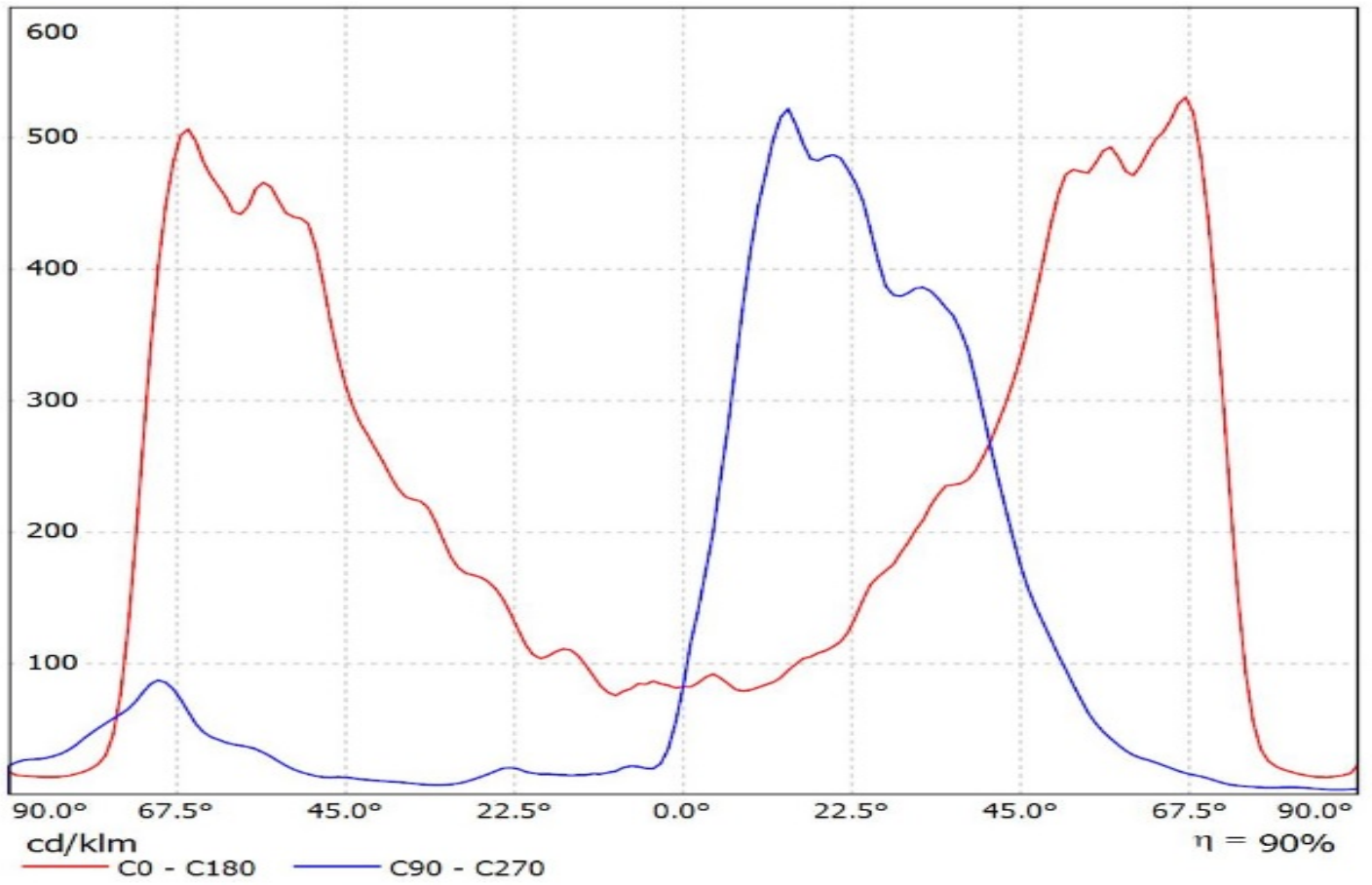


Ledil Oy CS14055STRADA-IP-2X6-T2 / LDC (Linear)

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

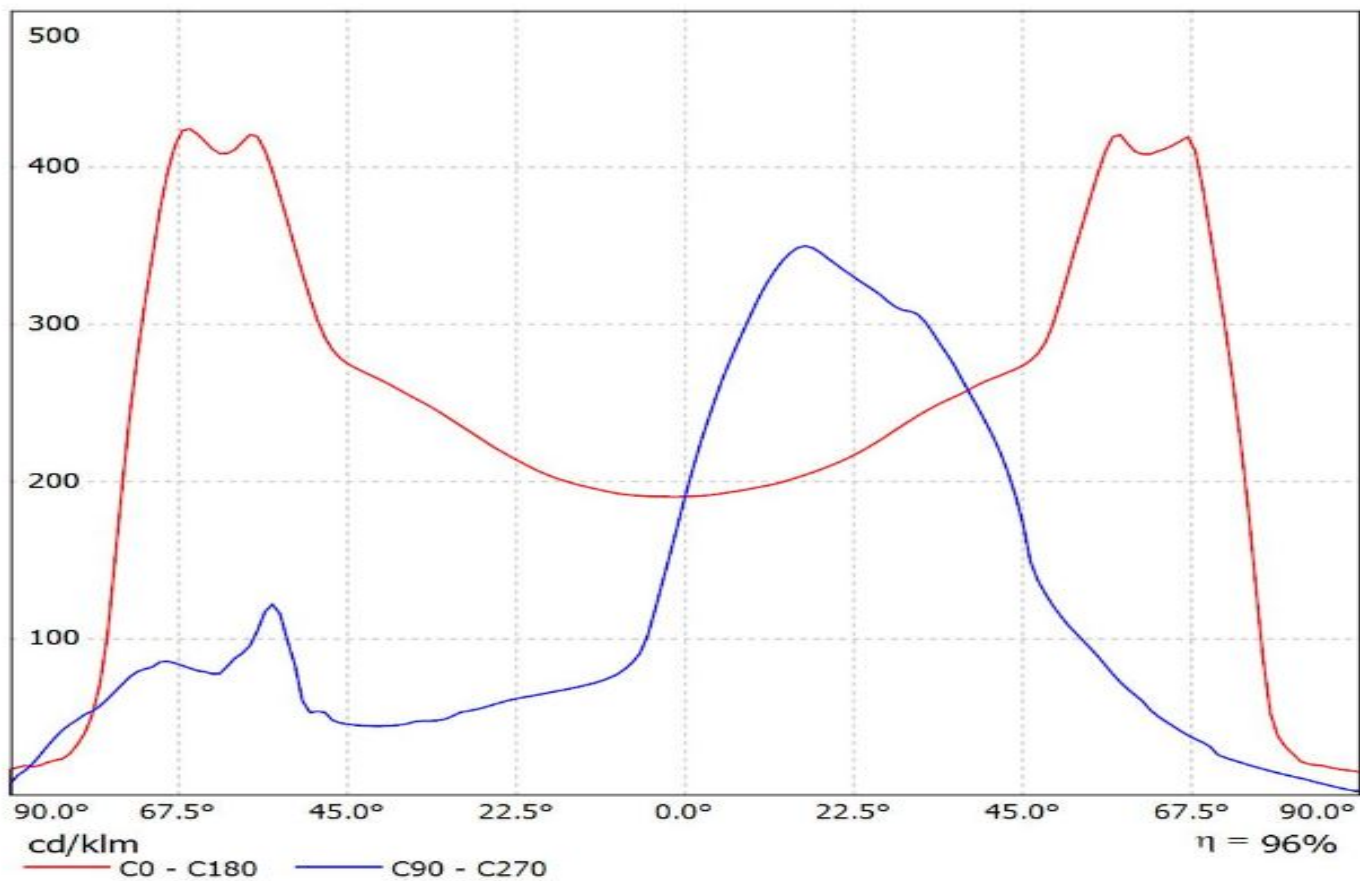


Luminaire: Ledil Oy CS14055_STRADA-IP-2X6-T2_(Z5M1)_SIMULATED
Lamps: 1 x Seoul Z5M1



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

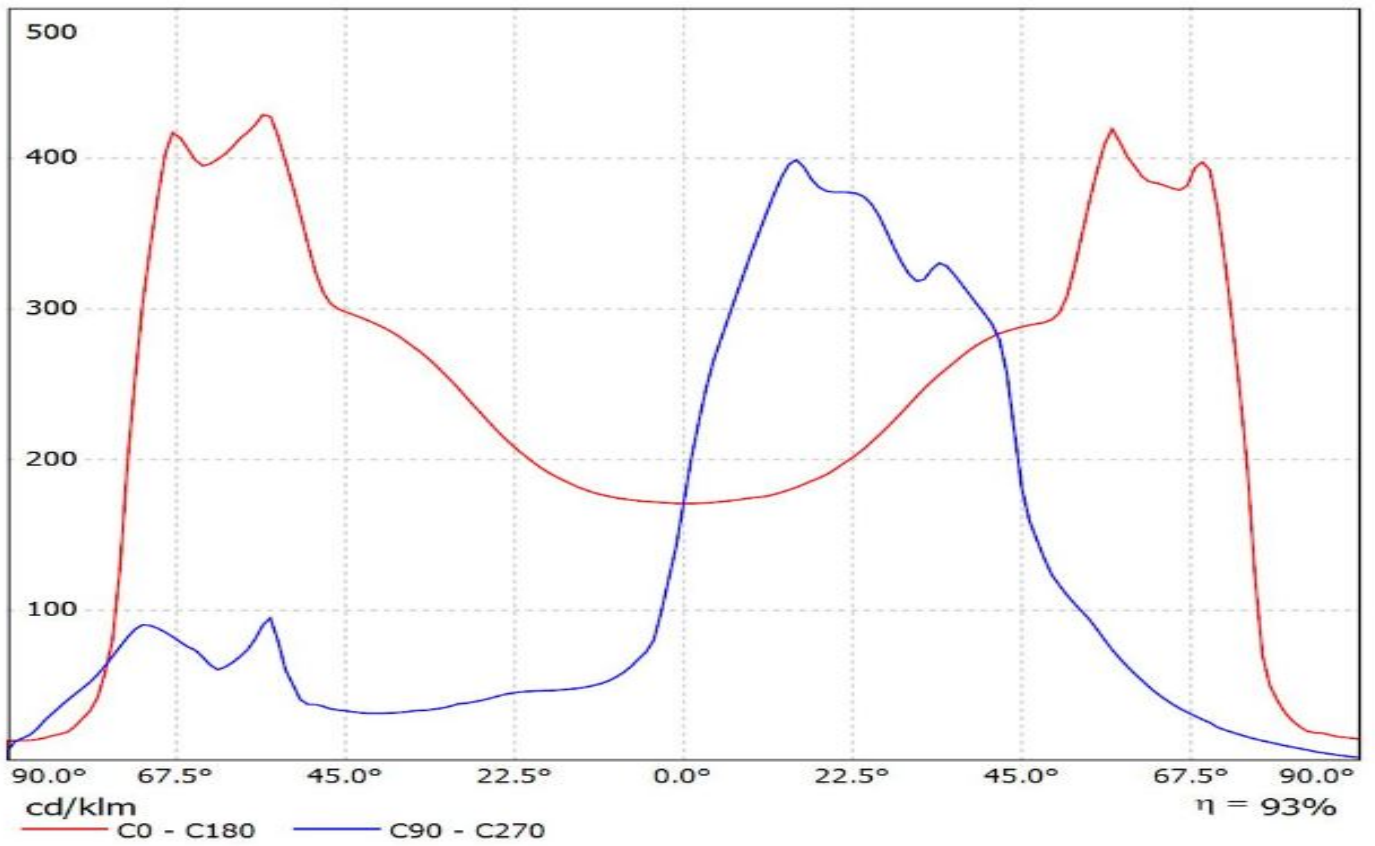
Lamps: 1 x Seoul_Z8Y22_PLUS_2X6_(SZ8-Y22-W0-C7P)1489.65lm@250mA_P=8.30675W_I=0.250A



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

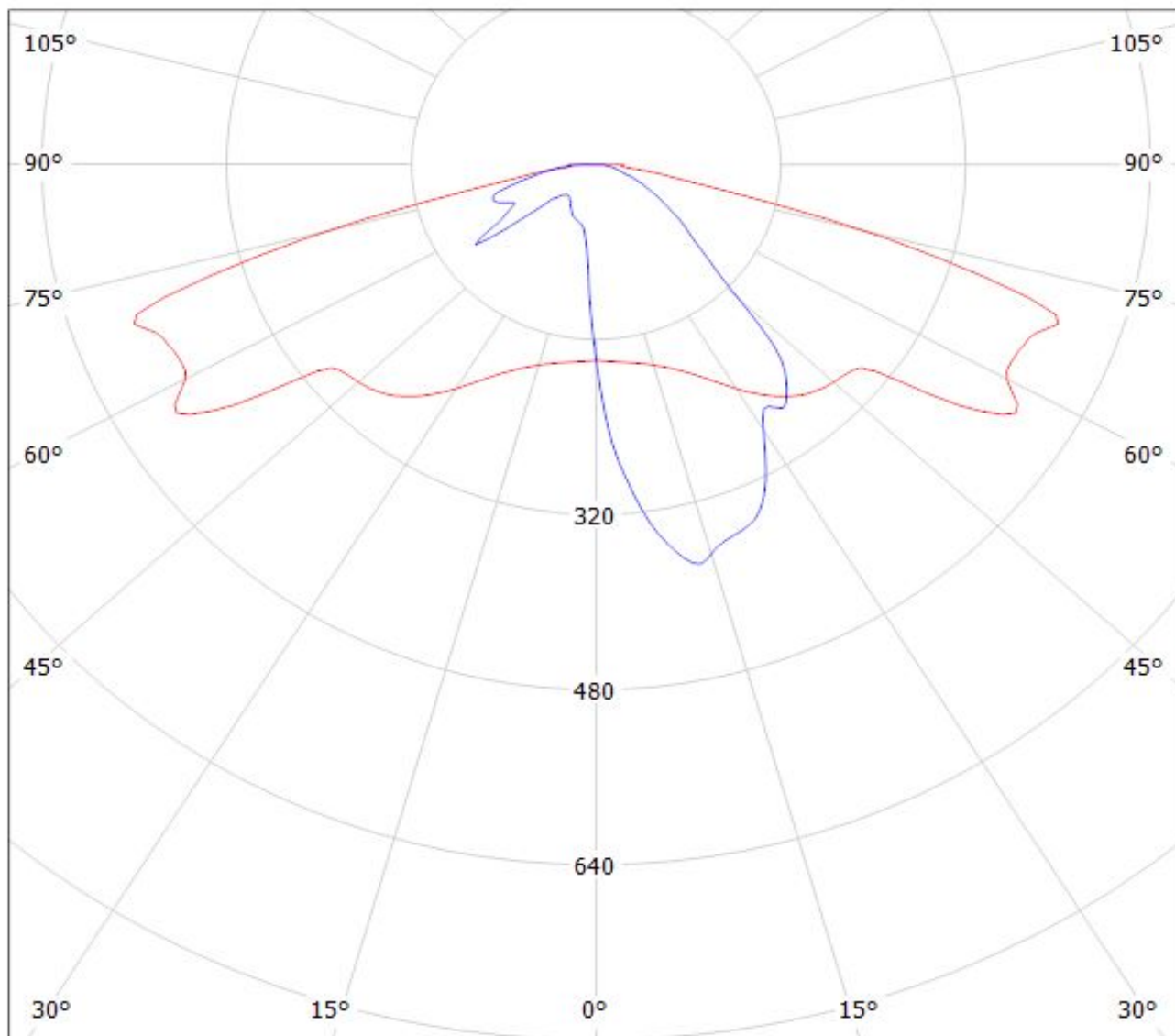
Luminaire: Ledil CS14055_STRADA-IP-2X6-T2_(TL1L4)

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_(XT-E)

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

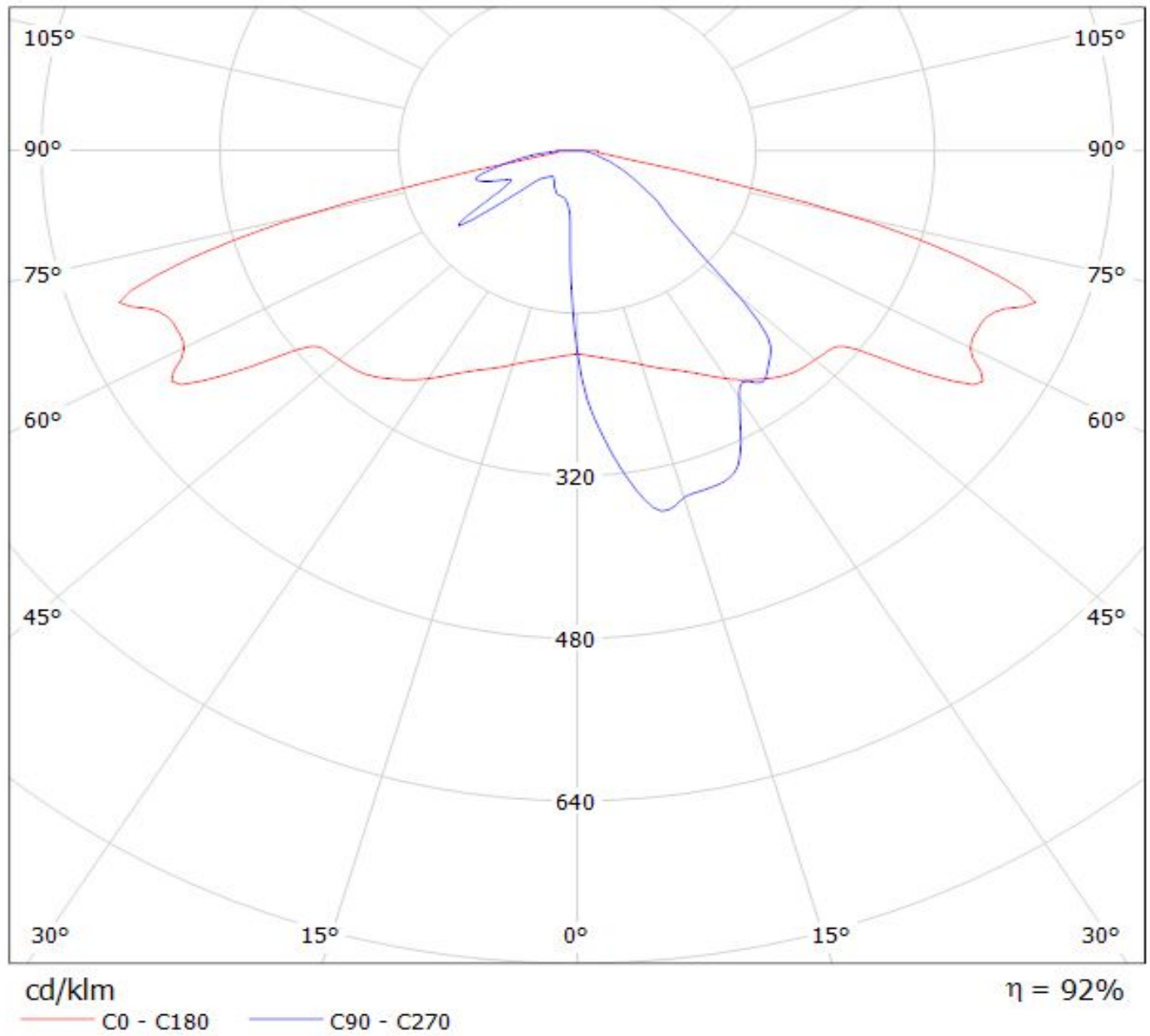


cd/klm

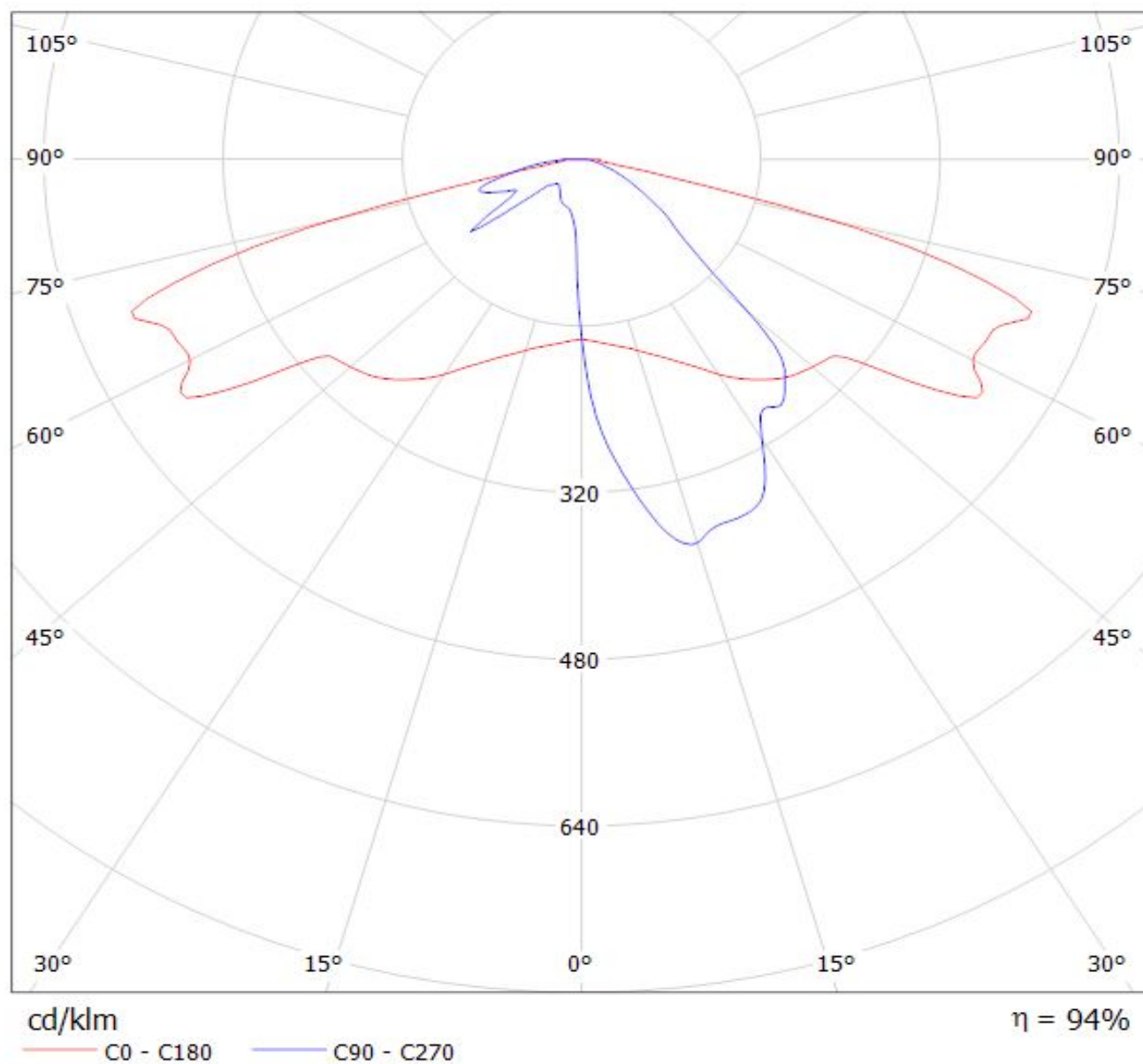
— C0 - C180 — C90 - C270

$\eta = 94\%$

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

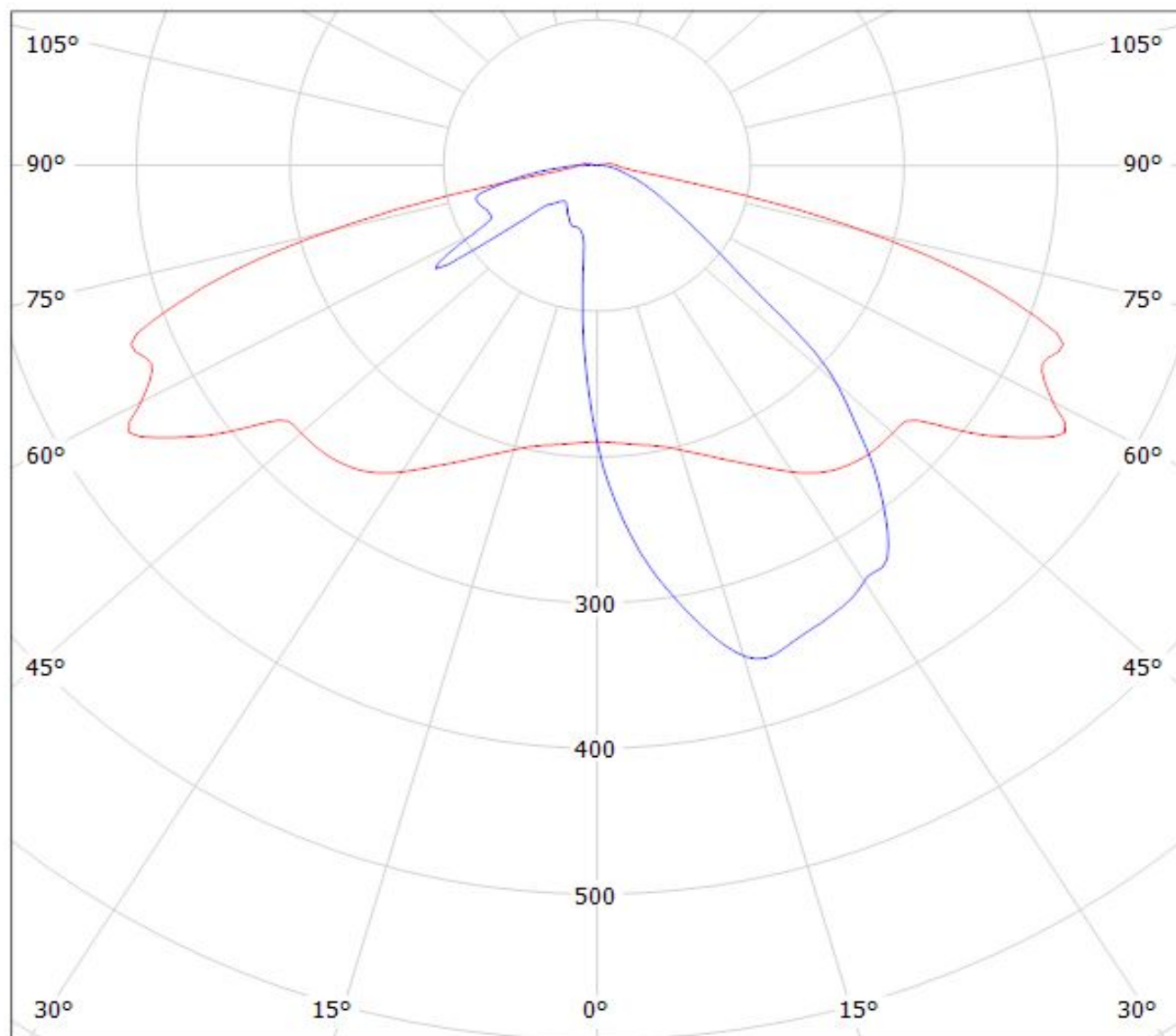


Luminaire: LEDiL Oy CS14055_STRADA-IP-2X6-T2_(XP-G2)
Lamps: 1 x CREE_XP-G2_787lm@250mA_P=8.52467W_I=249.8mA



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



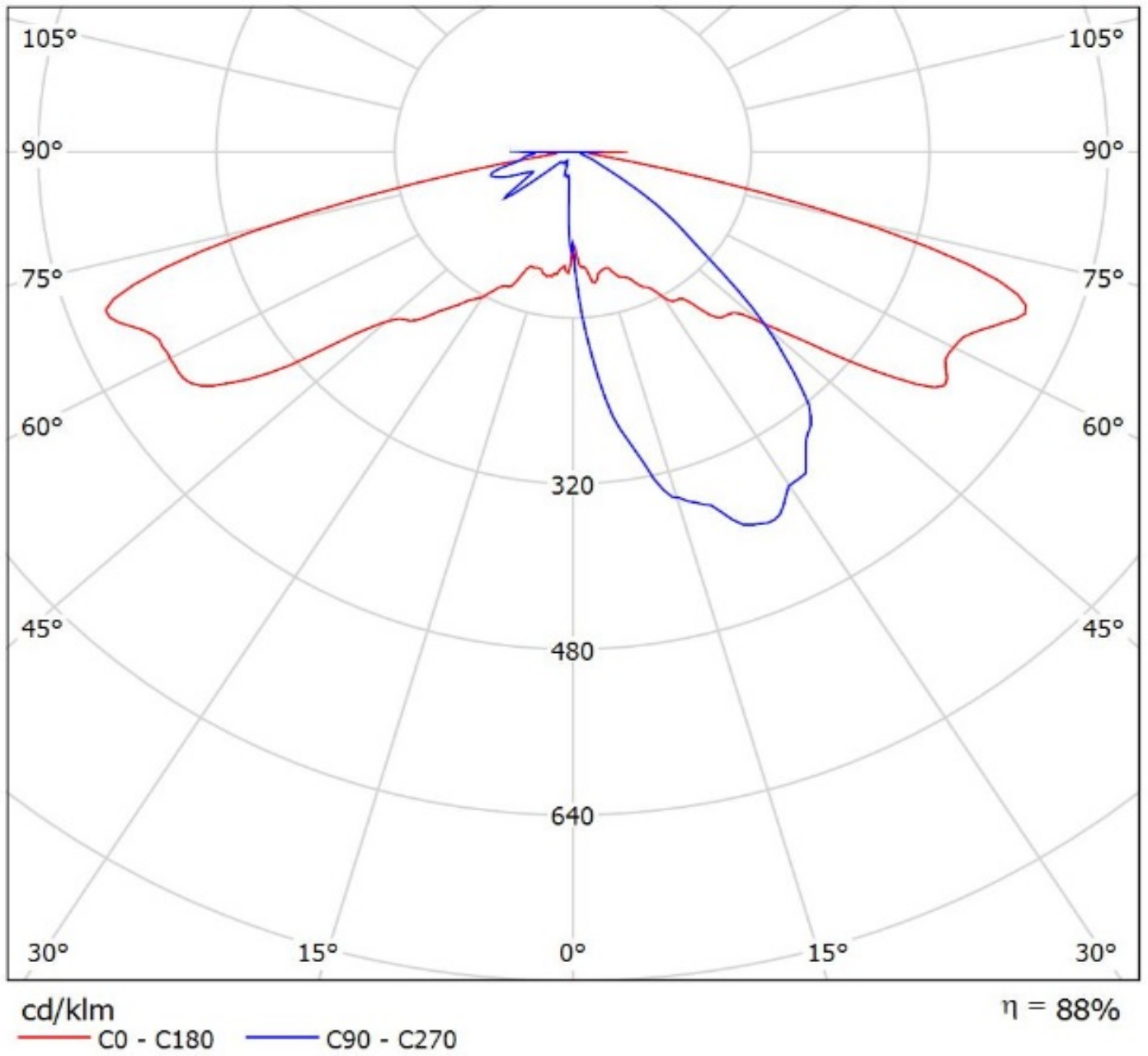
cd/klm

— C0 - C180

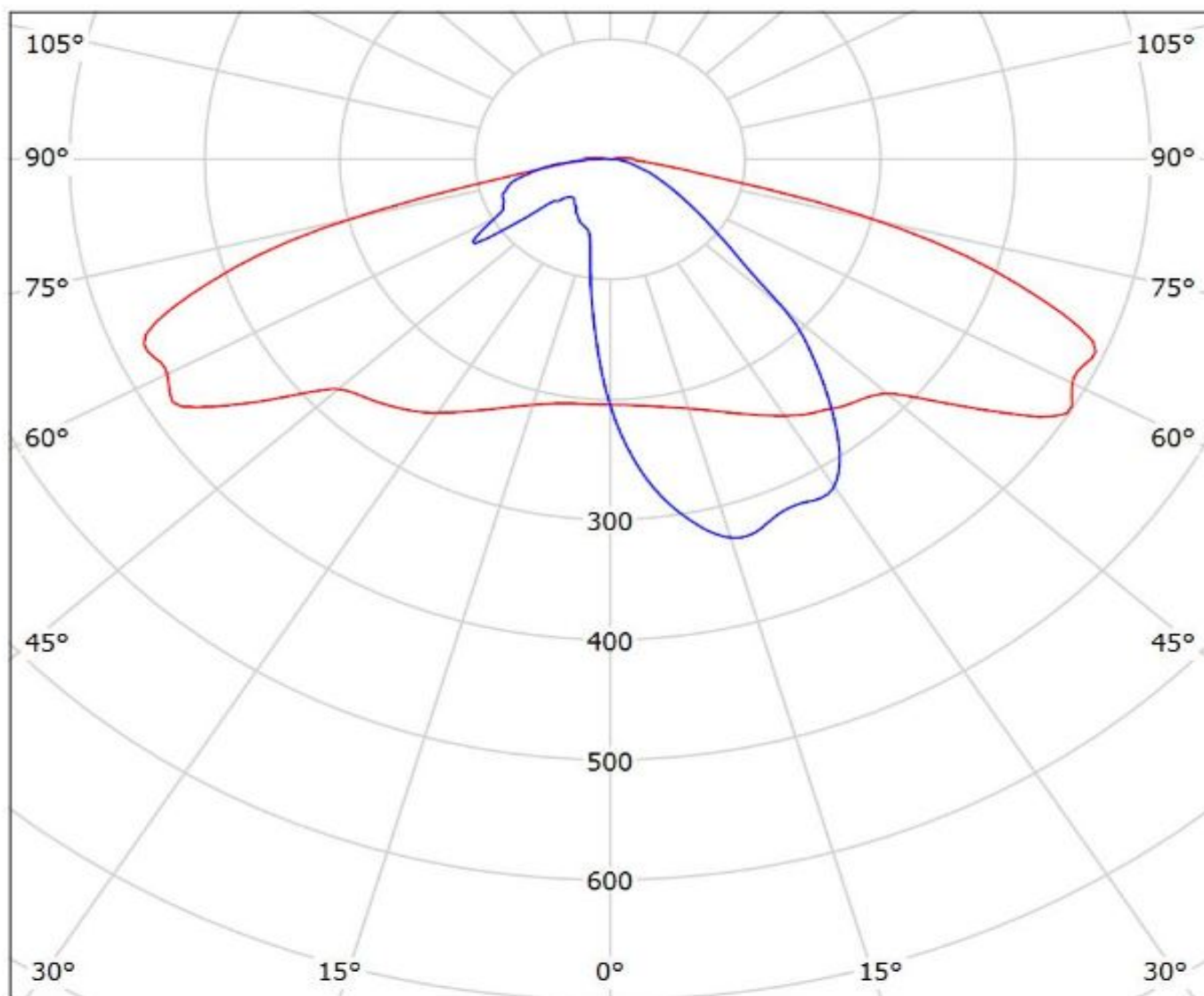
— C90 - C270

$\eta = 94\%$

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

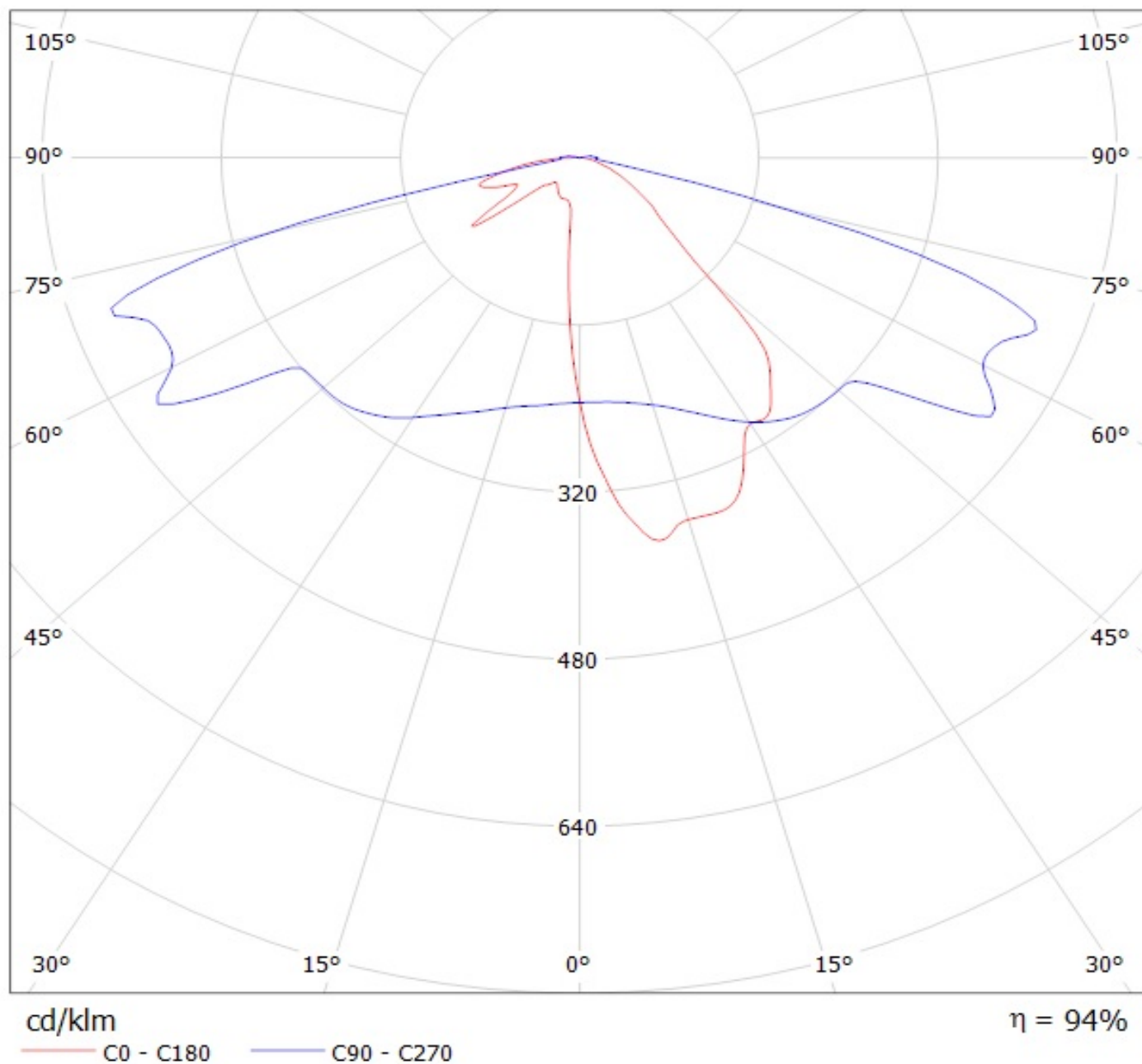


cd/klm

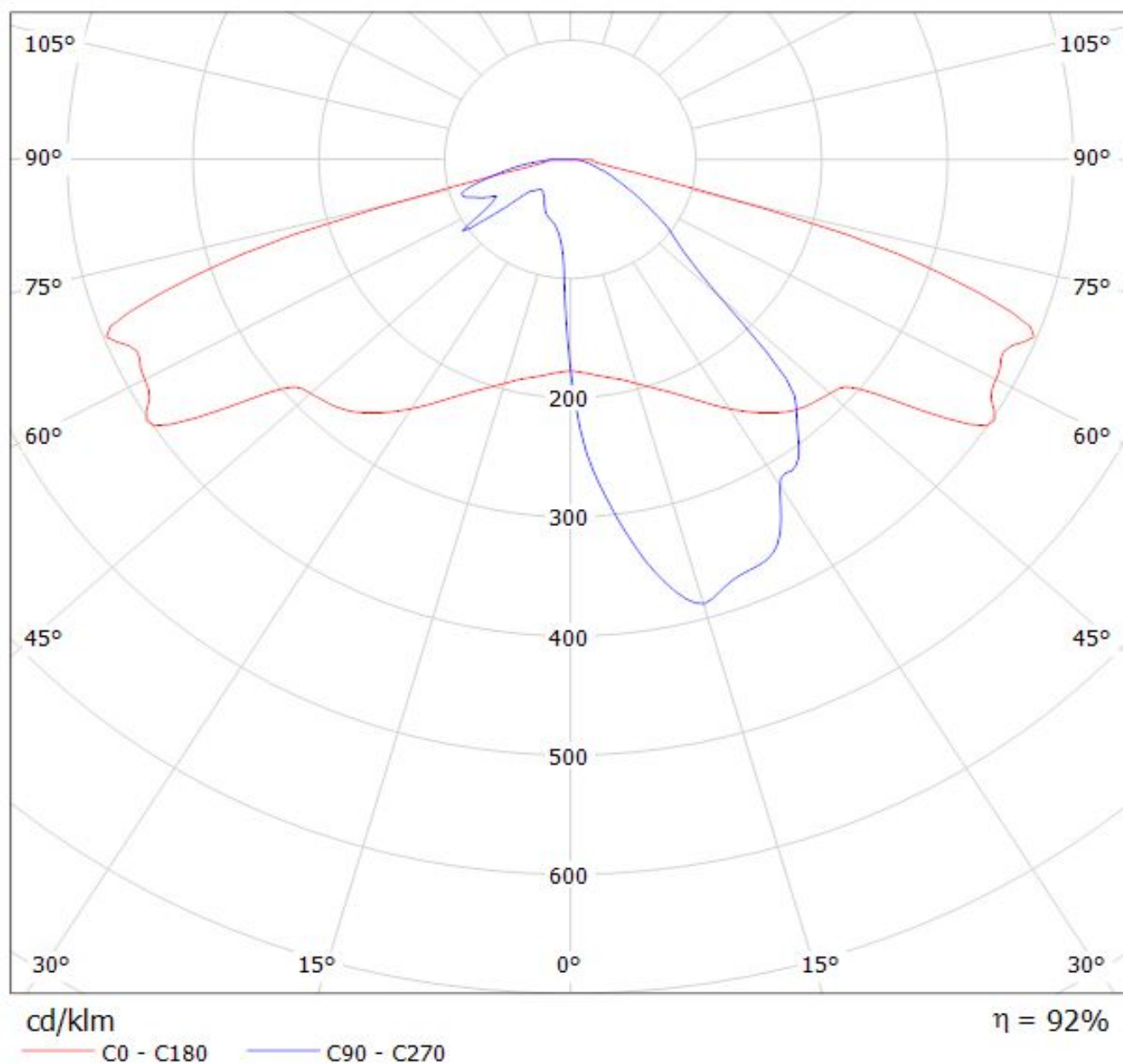
— C0 - C180 — C90 - C270

$\eta = 96\%$

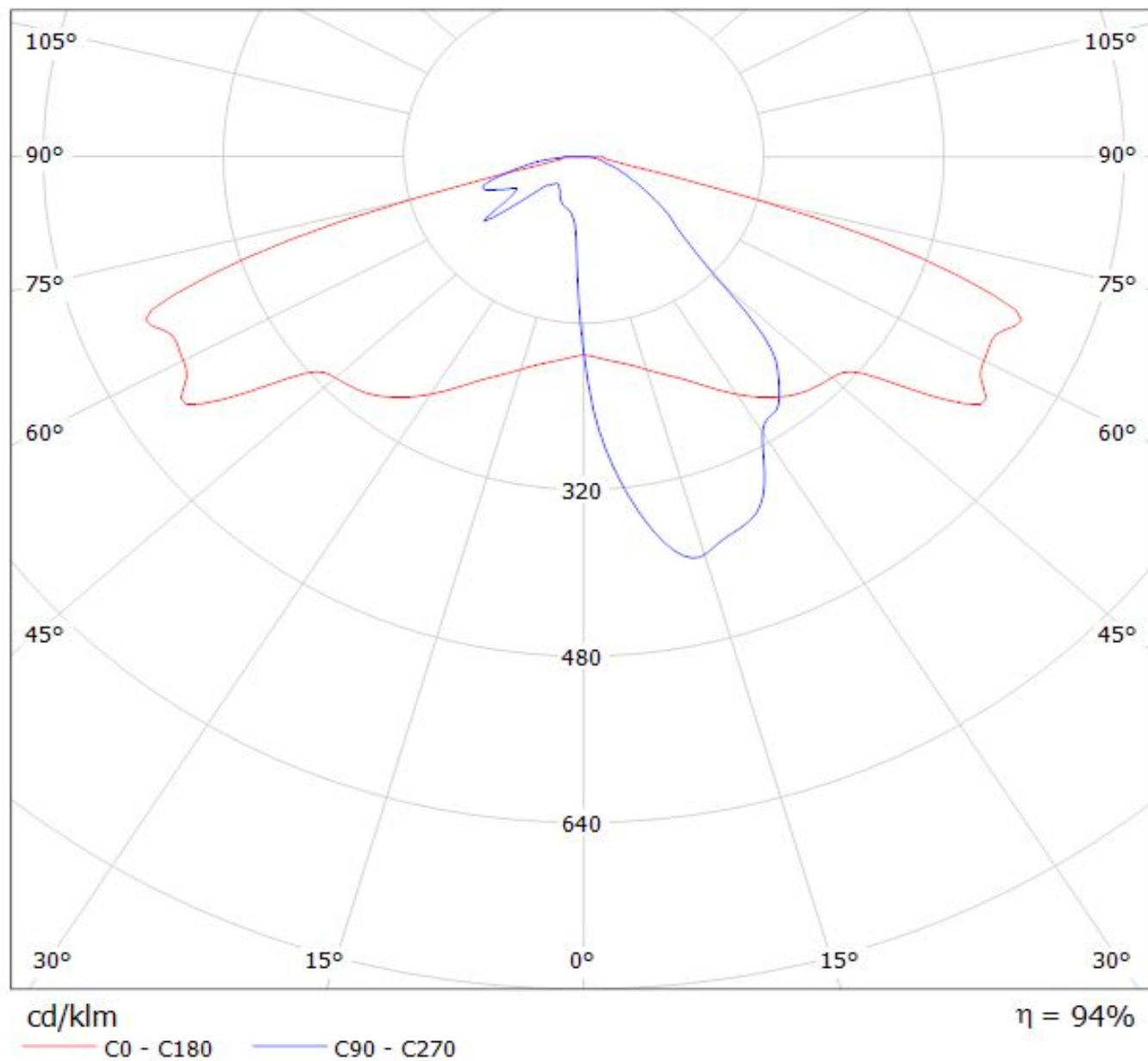
Luminaire: LEDiL Oy CS14055_STRADA-IP-2X6-T2_(LG_3535_H35C1) Eff: 94%
Lamps: 1 x LG_3535_H35C1_2x6_1368.4lm@250mA_P=8.55408W_I=249.9mA



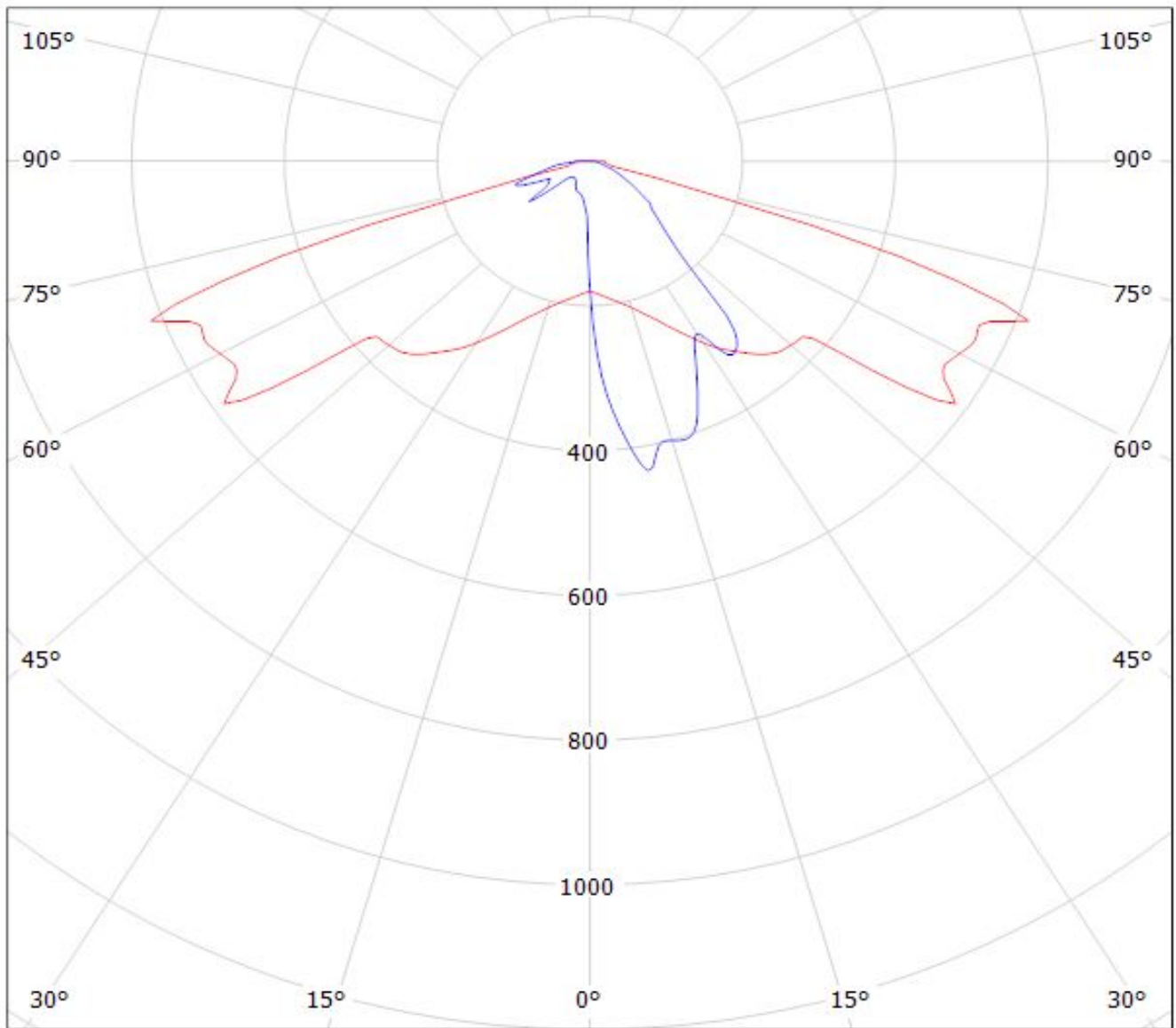
Luminaire: LEDiL Oy CS14055_STRADA-IP-2X6-T2_(LUXEON_R)
Lamps: 1 x LUXEON_R_1136.4lm@250mA_P=8.29211W_I=249.8mA



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



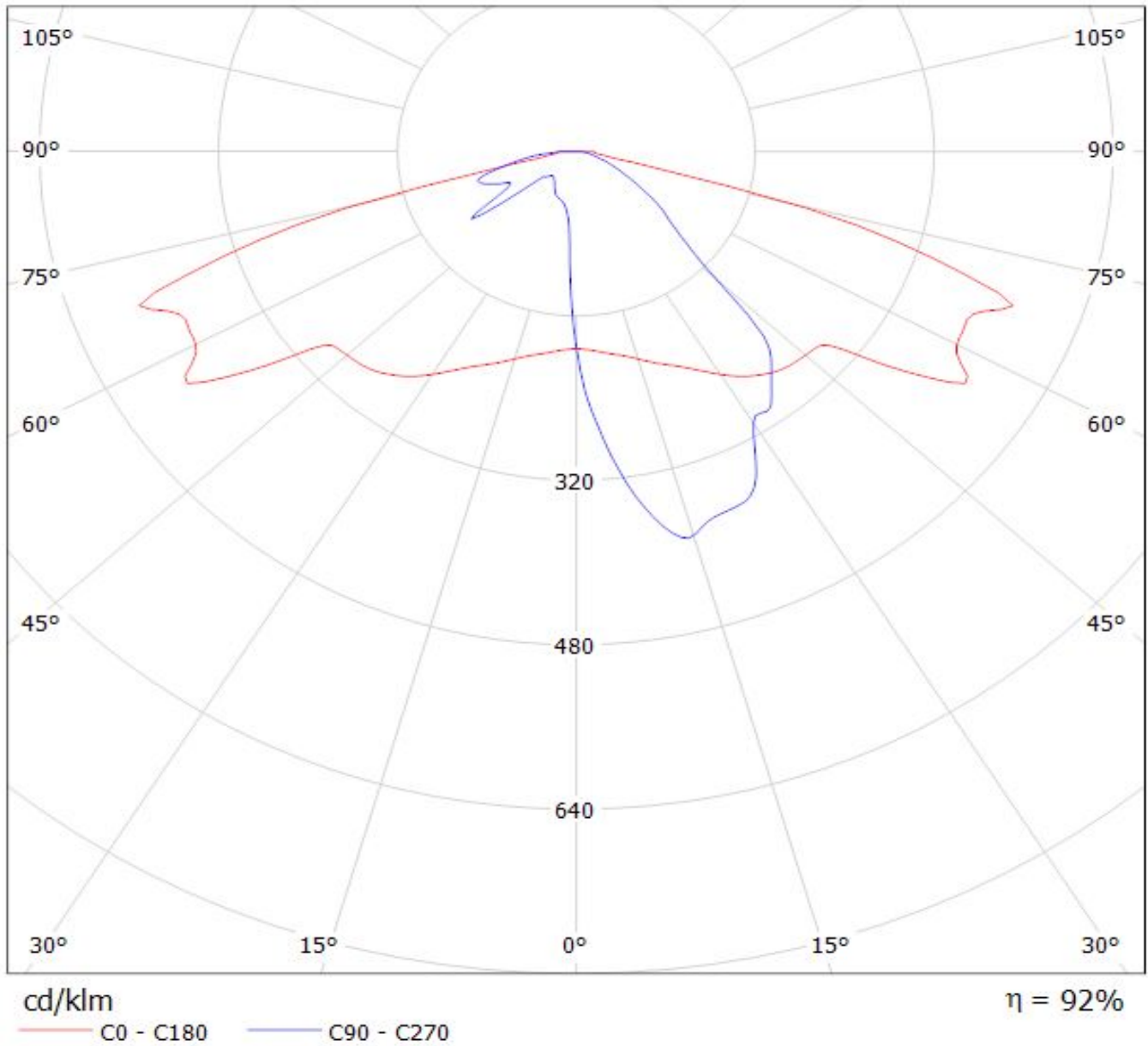
cd/klm

$\eta = 94\%$

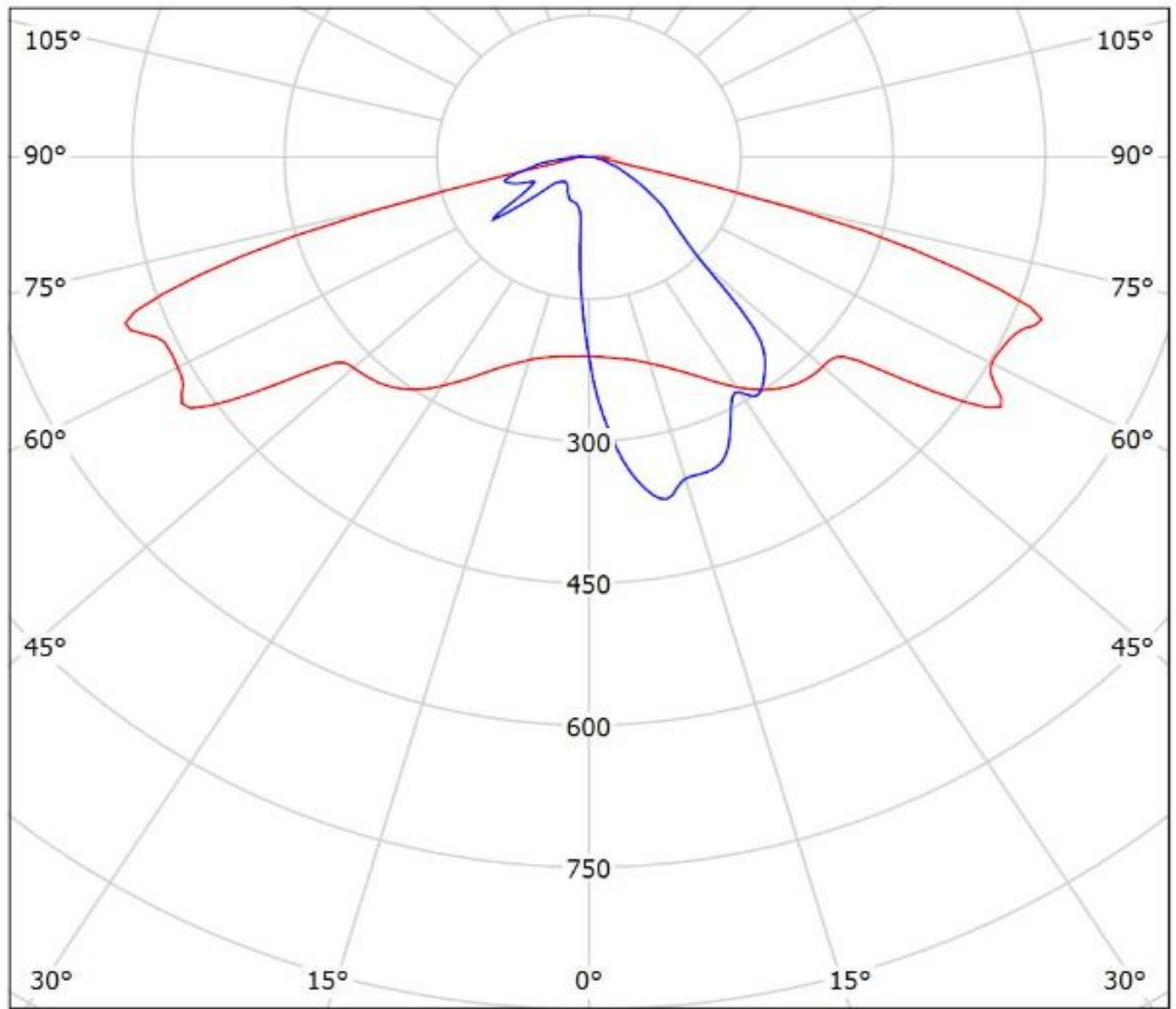
— C0 - C180

— C90 - C270

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

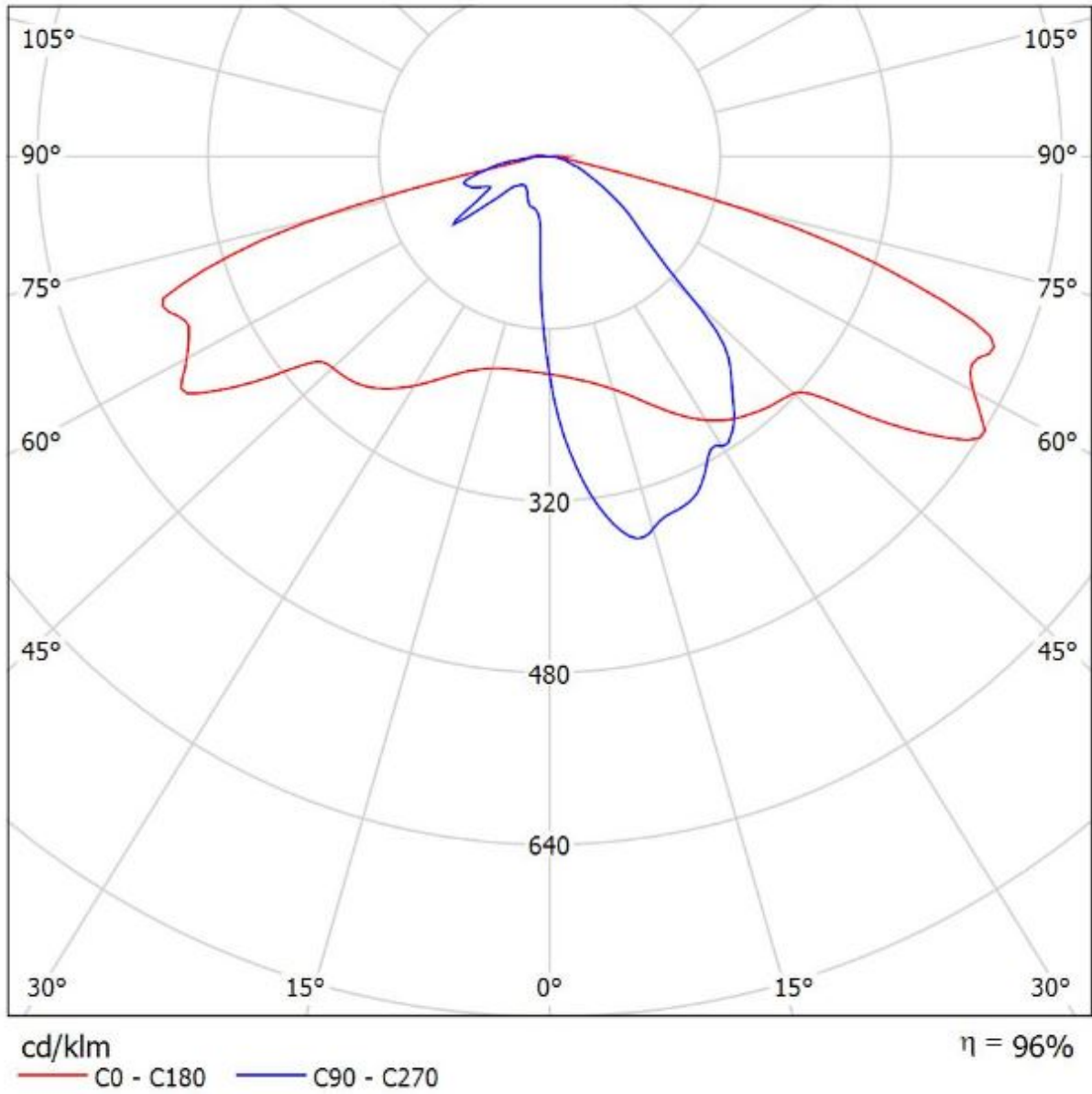


cd/klm

— C0 - C180 — C90 - C270

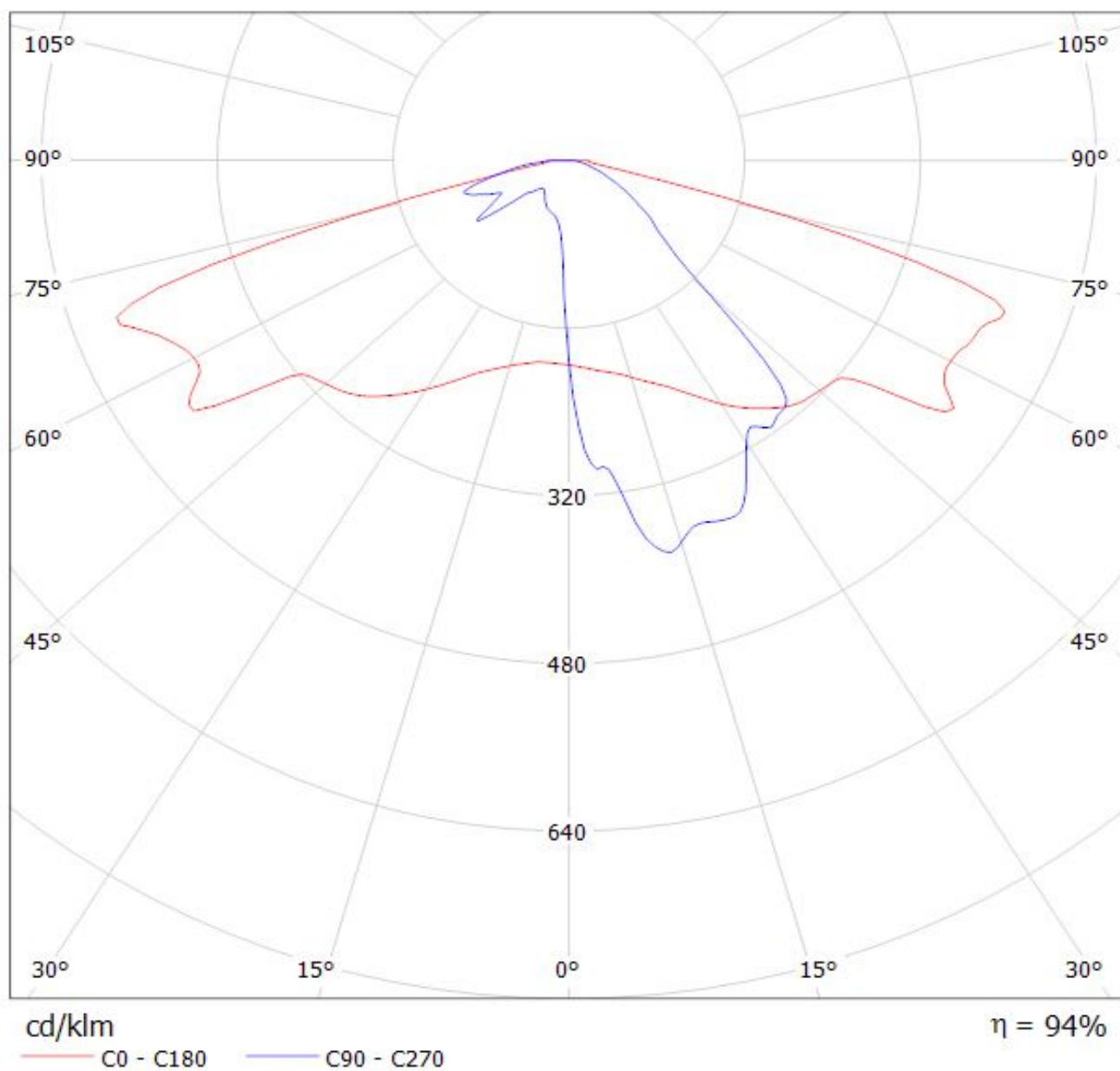
$\eta = 96\%$

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

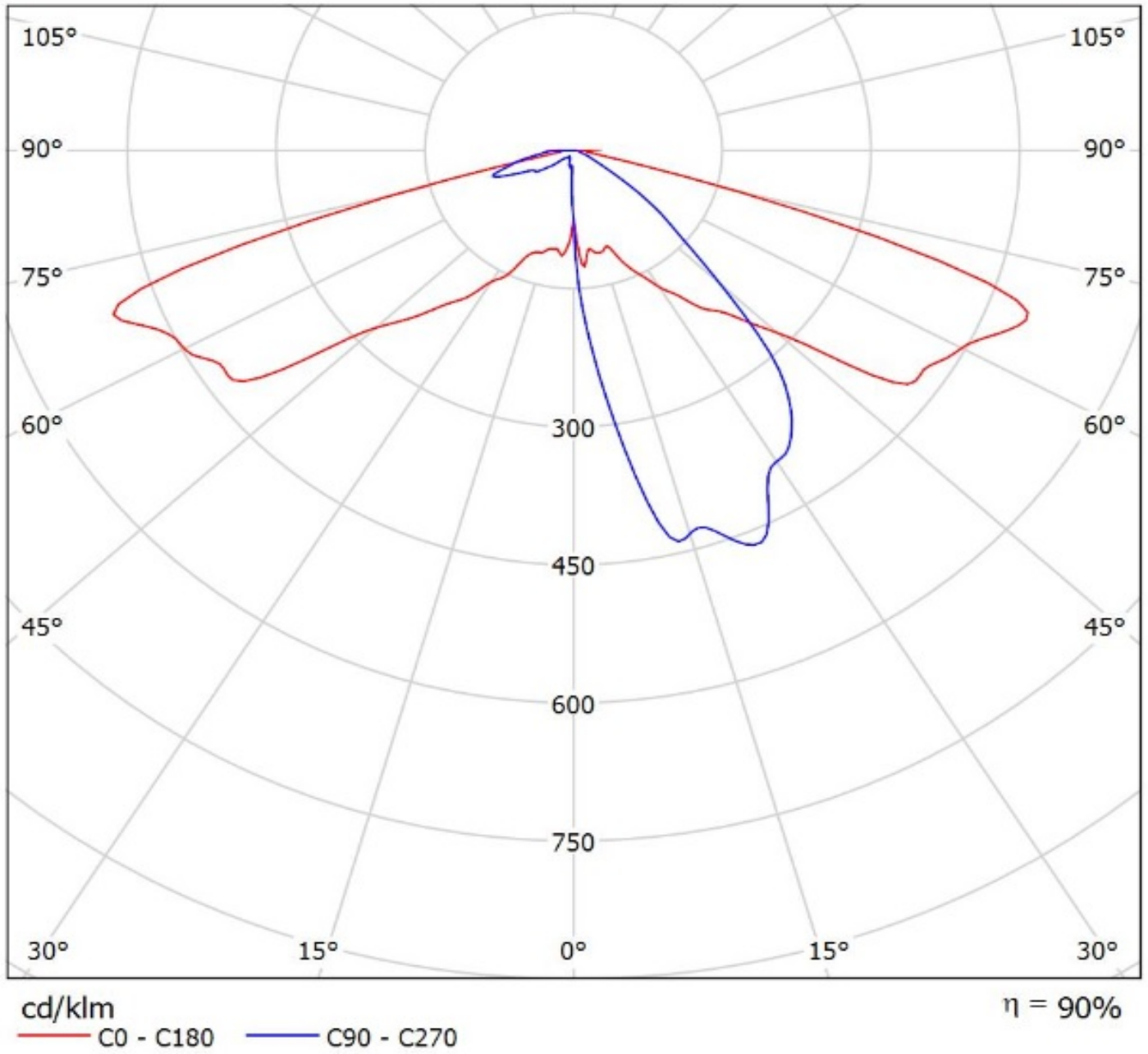


Luminaire: LEDiL Oy CS14055_STRADA-IP-2X6-T2_(SQUARE)

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

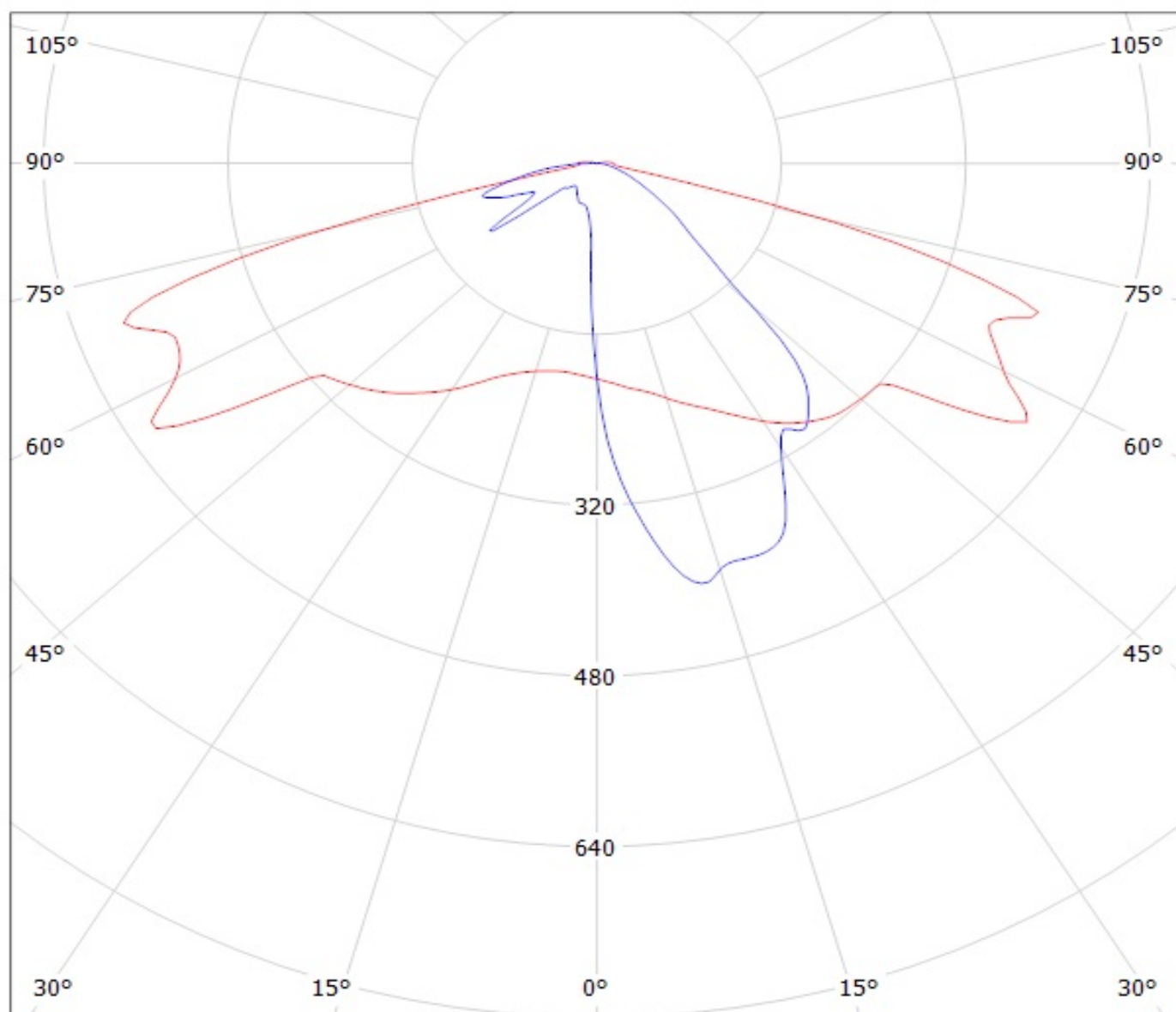


Luminaire: Ledil Oy CS14055_STRADA-IP-2X6-T2_(Duris_P8)_SIMULATED
Lamps: 1 x Osram Duris P8



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

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



cd/klm

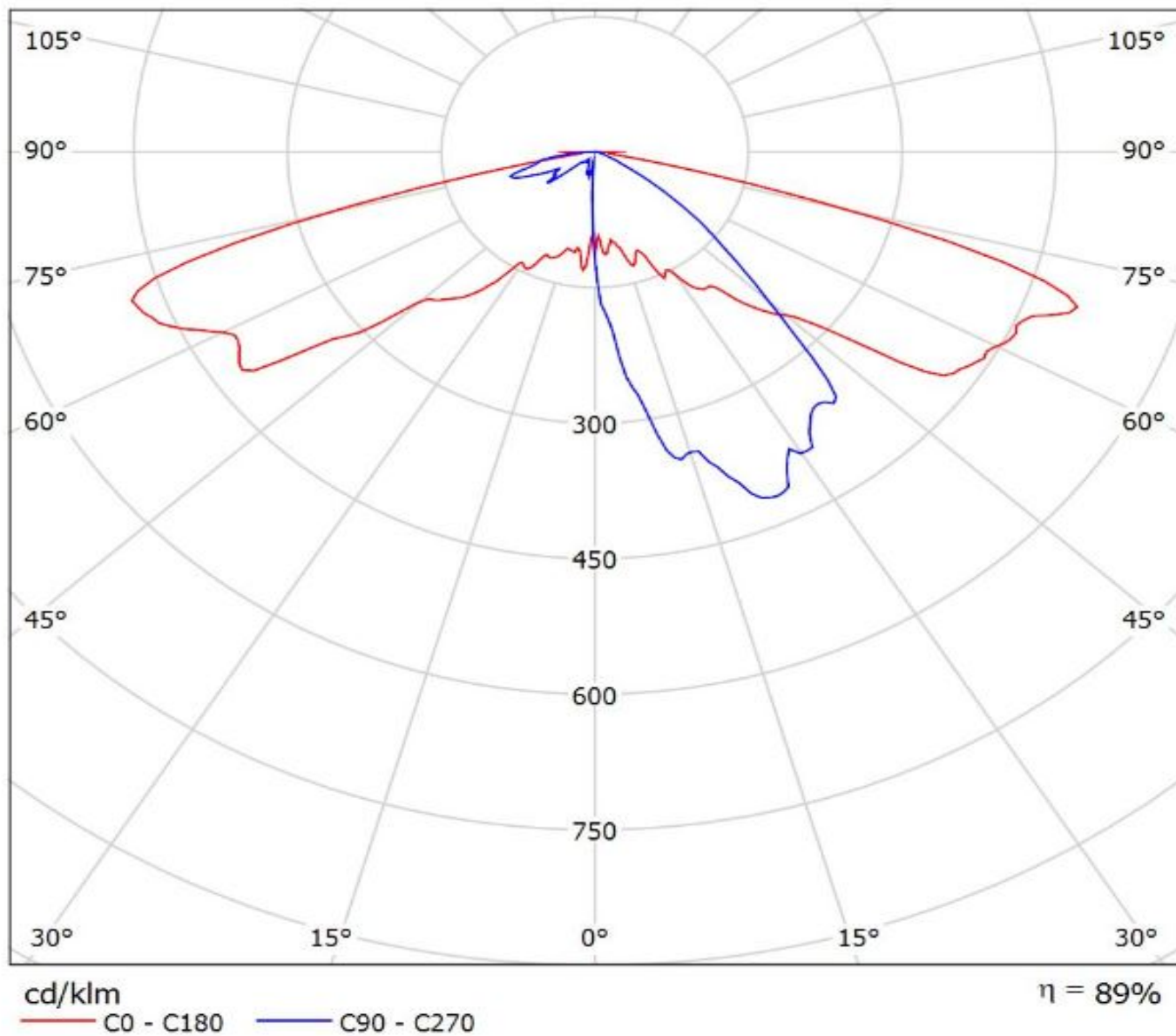
— C0 - C180

— C90 - C270

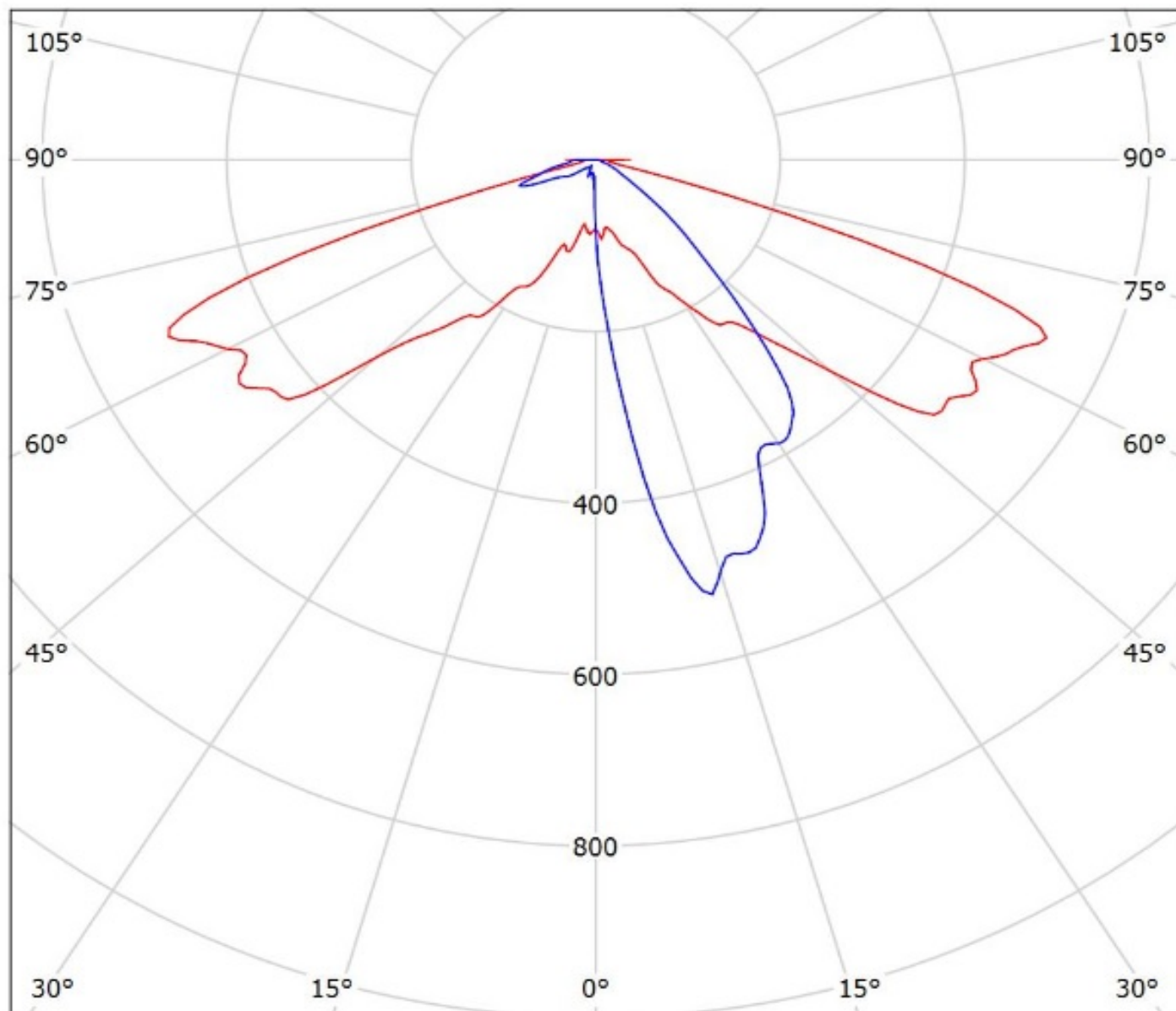
$\eta = 94\%$

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



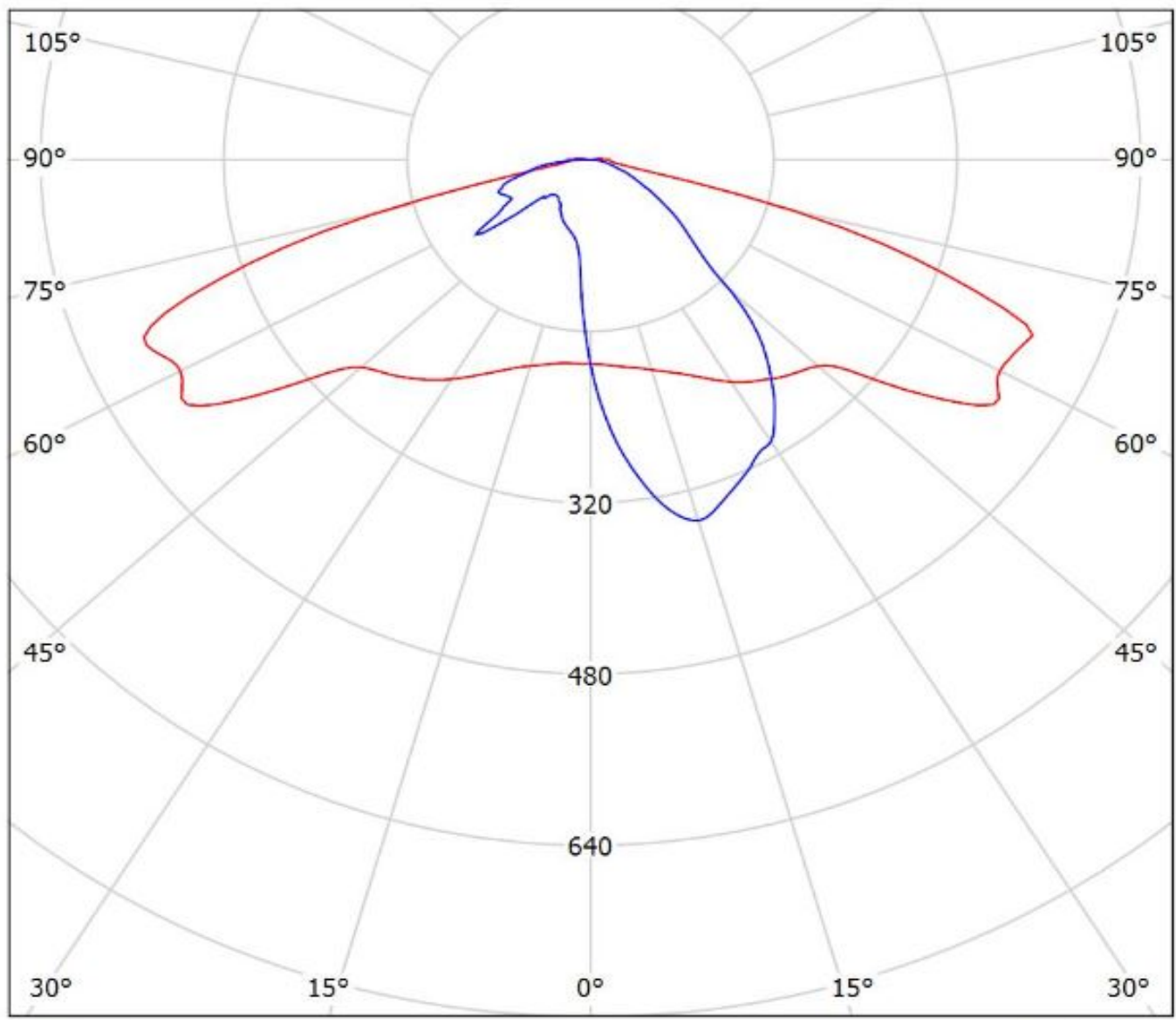
cd/klm

— C0 - C180 — C90 - C270

η = 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

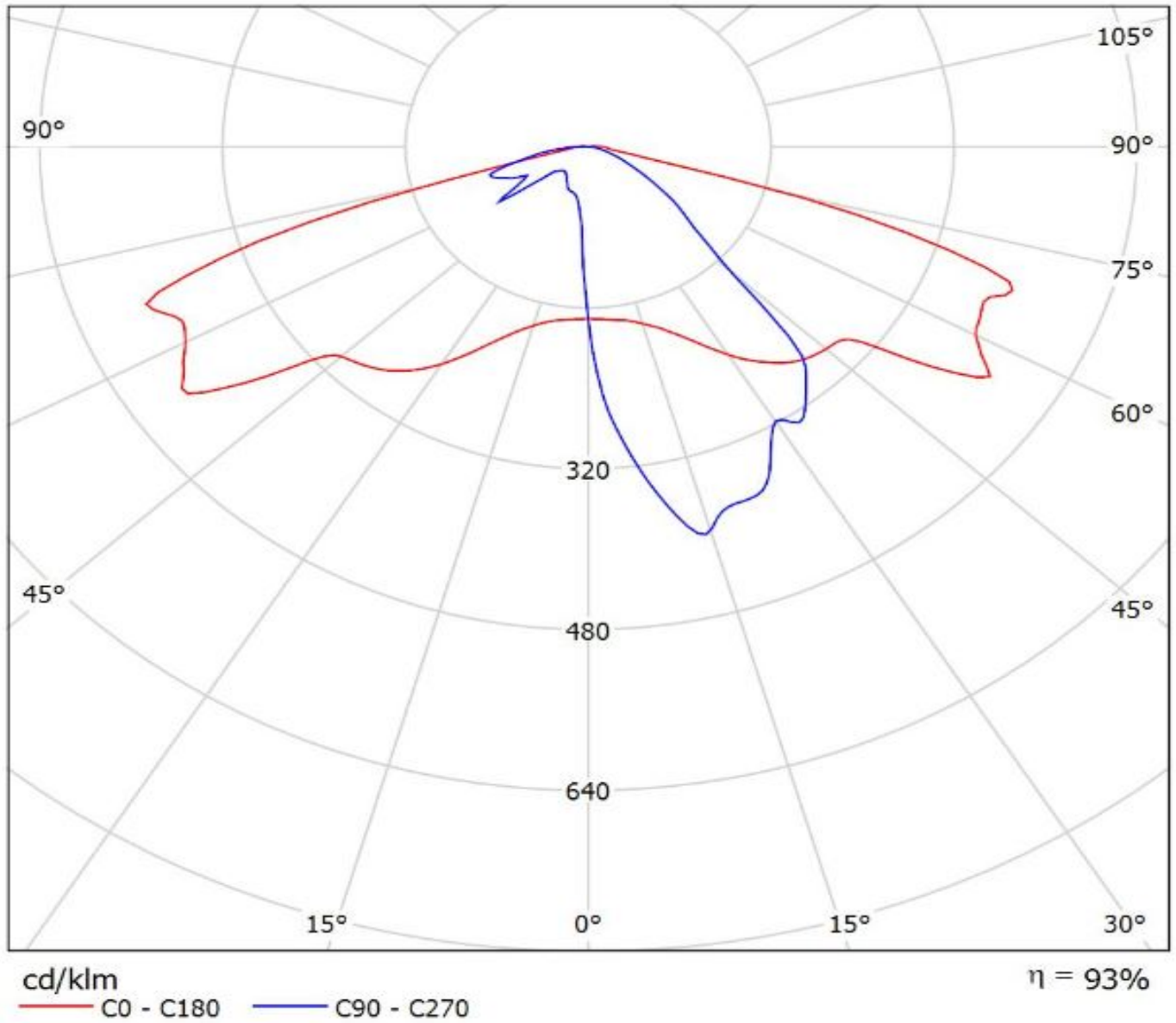
— C0 - C180 — C90 - C270

$\eta = 96\%$

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.