PRODUCT DATASHEET
Strada series
last update 29/5/2017

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 Comliant	Yes
Date Updated	29/05/2017

OPTICAL PROPERTIES

LED	Viewing Angle	Light Beam	Effi-ciency	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-xxyy012M)	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	-	-	-

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24240 SALO, Finland

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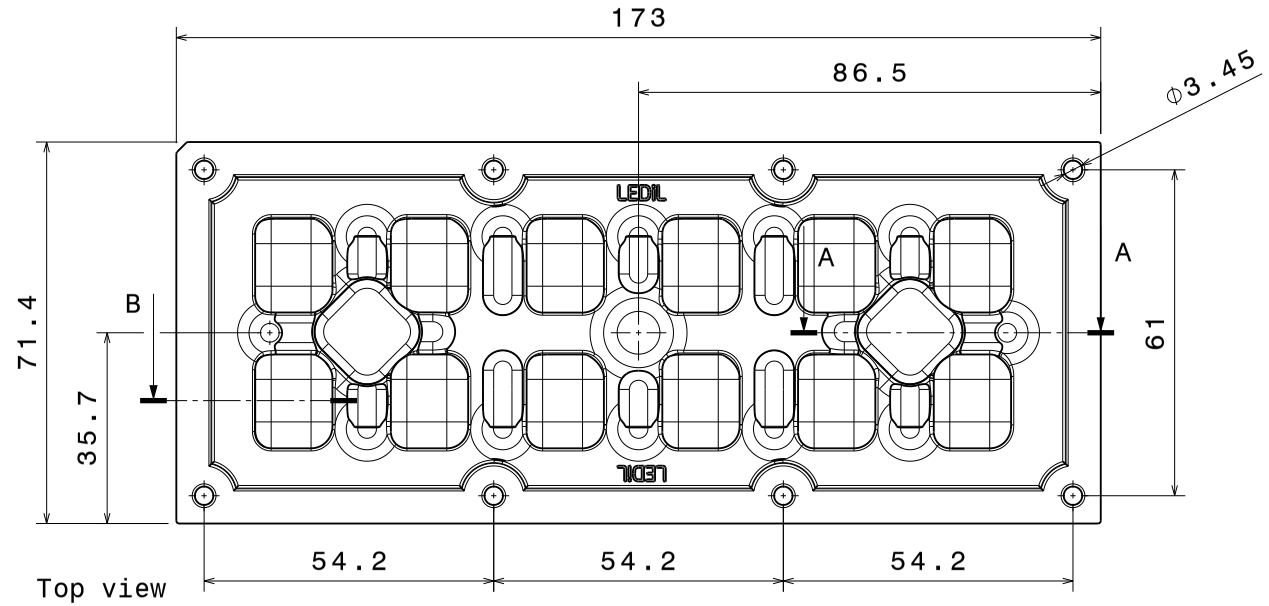
PRODUCT DATASHEET
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OPTICAL PROPERTIES

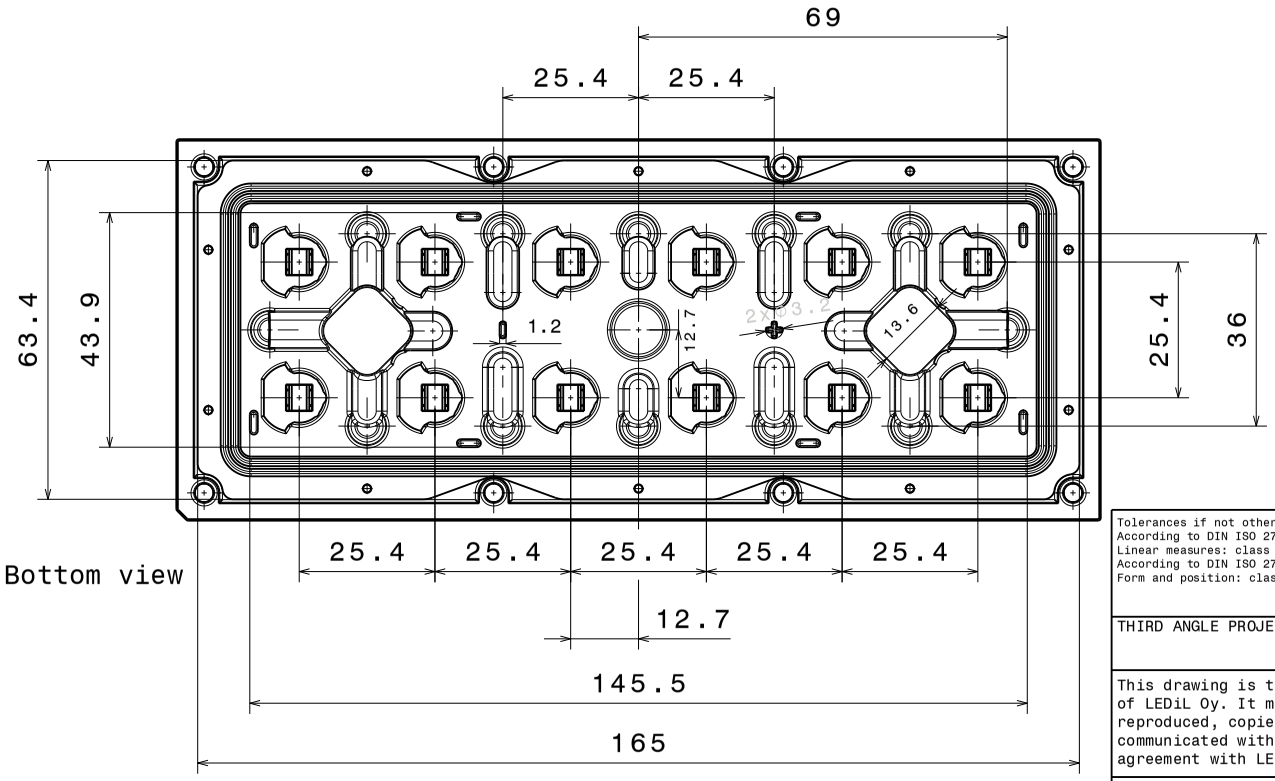
LED	Viewing Angle	Light Beam	Effi-ciency	cd/lm	Connector
Z5M	sim: Asymmetric	Asymmetric	sim: 89 %	0.850	-
Z5M1/Z5M2	sim: Asymmetric	Asymmetric	sim: 90 %	sim: 0.990	-
Z8Y22P	Asymmetric deg	Asymmetric	94 %	0.880	-
TL1L3	sim: Asymmetric	Asymmetric	sim: 86 %	-	-
TL1L2	sim: Asymmetric	Asymmetric	sim: 88 %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

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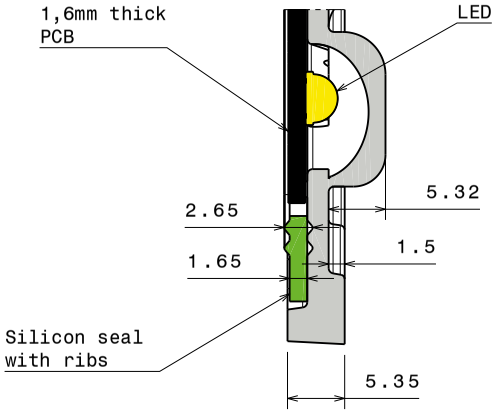


Top view

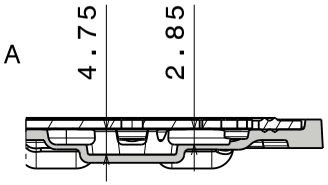


Bottom view

Section view B-B
Scale: 2:1



Section view A-A



Pockets for wiring and screws

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
Linear measures: class C
According to DIN ISO 2768-2
Form and position: class L

THIRD ANGLE PROJECTION:

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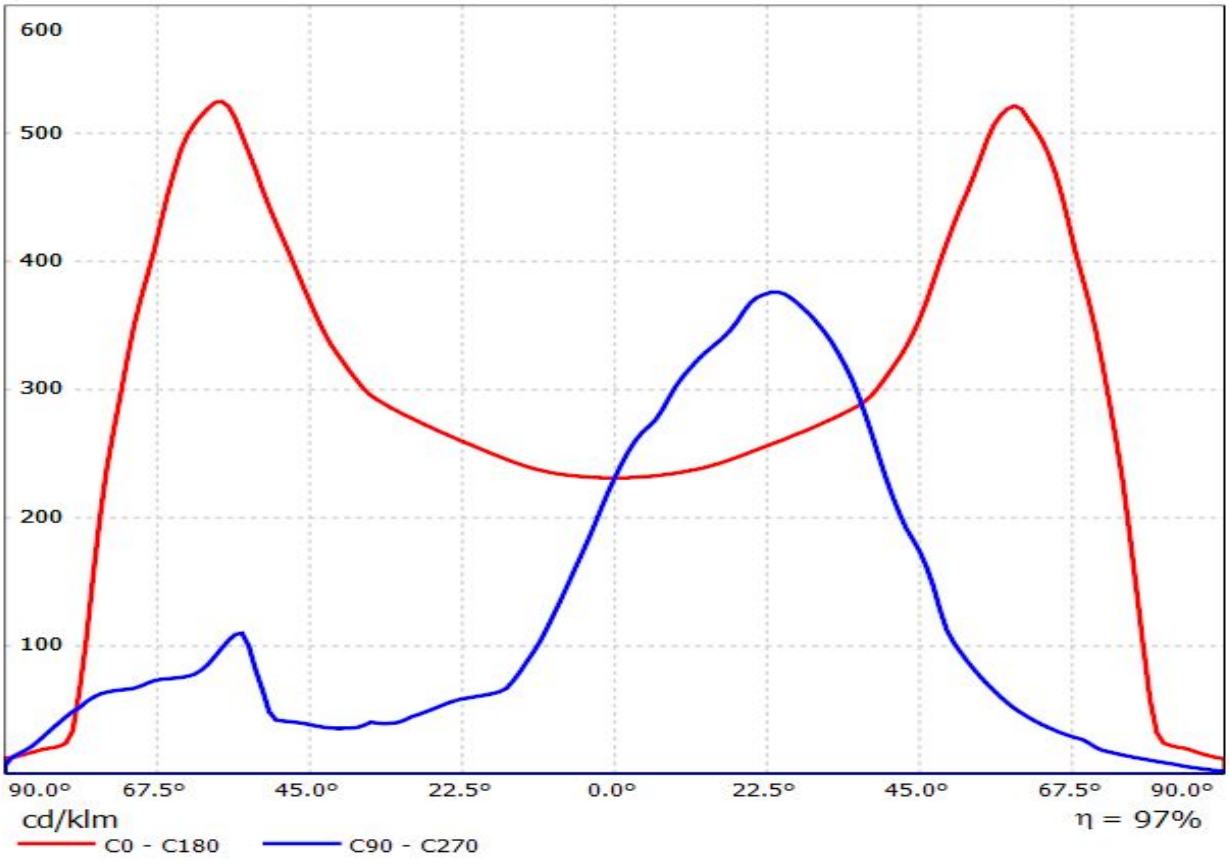
Ledil Oy
Salorankatu 10
FIN 24240 SALO
Finland

DRAWING TITLE
CS14055_STRADA-IP-2X6-T2

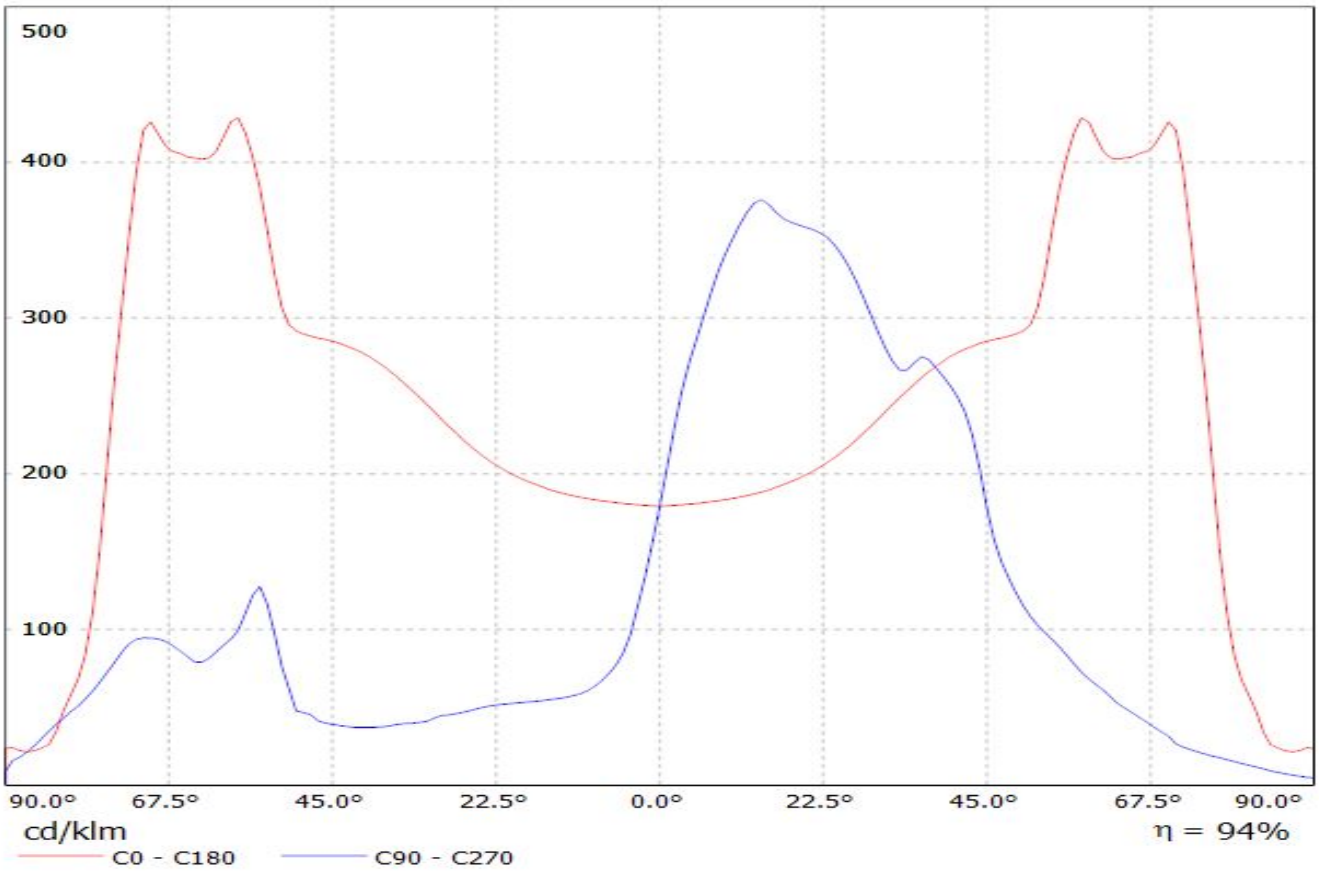
SIZE	PART NUMBER
A3	CS14055

SCALE	WEIGHT		SHEET
1:1	58,25 g		1/2

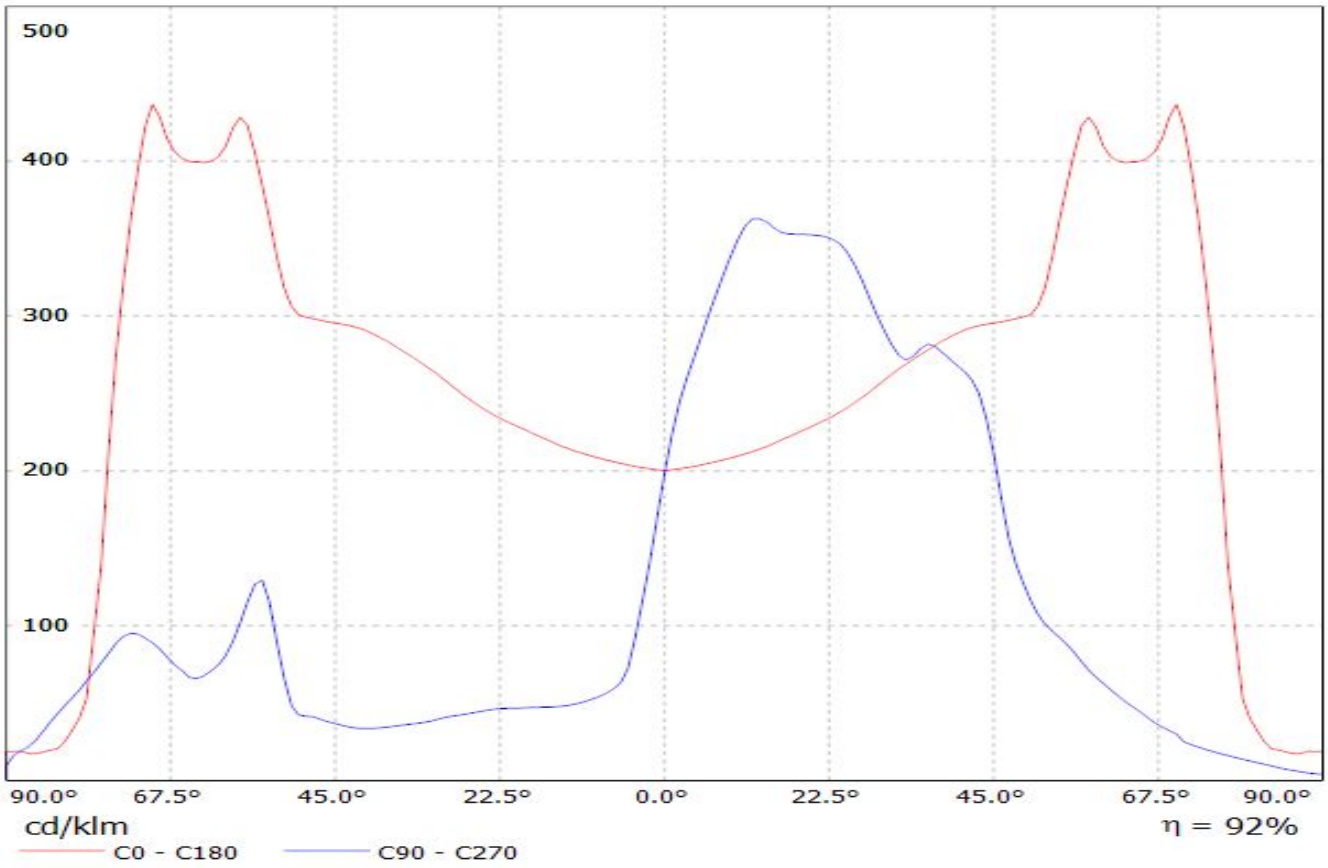
Luminaire: LEDiL Oy CS14055_STRADA-IP-2X6-T2_(Bridgelux_5050_Gen2)
Lamps: 1 x Bridgelux_5050_Gen2_2x6_(BXEP-57C-435-09B)_4268.87lm@250mA_CCT=5700K_P=24.6757W_I=0.25A



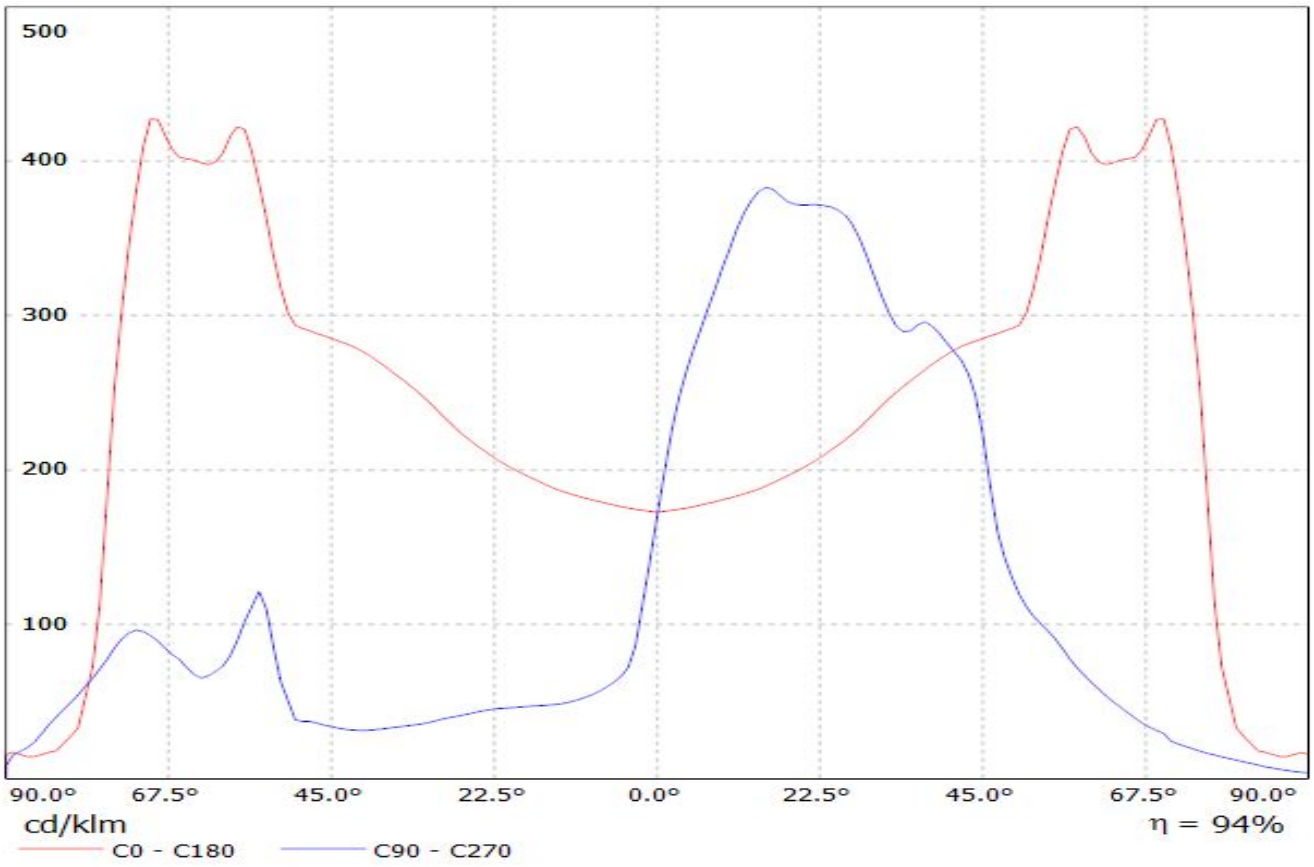
Luminaire: LEDiL Oy CS14055_STRADA-IP-2X6-T2_(XT-E)
Lamps: 1 x CREE_XT-E_6x2_(XTEAWT-00-0000-000000HE4)_1265.91lm@250mA_P=8.86191W_I=249.8mA



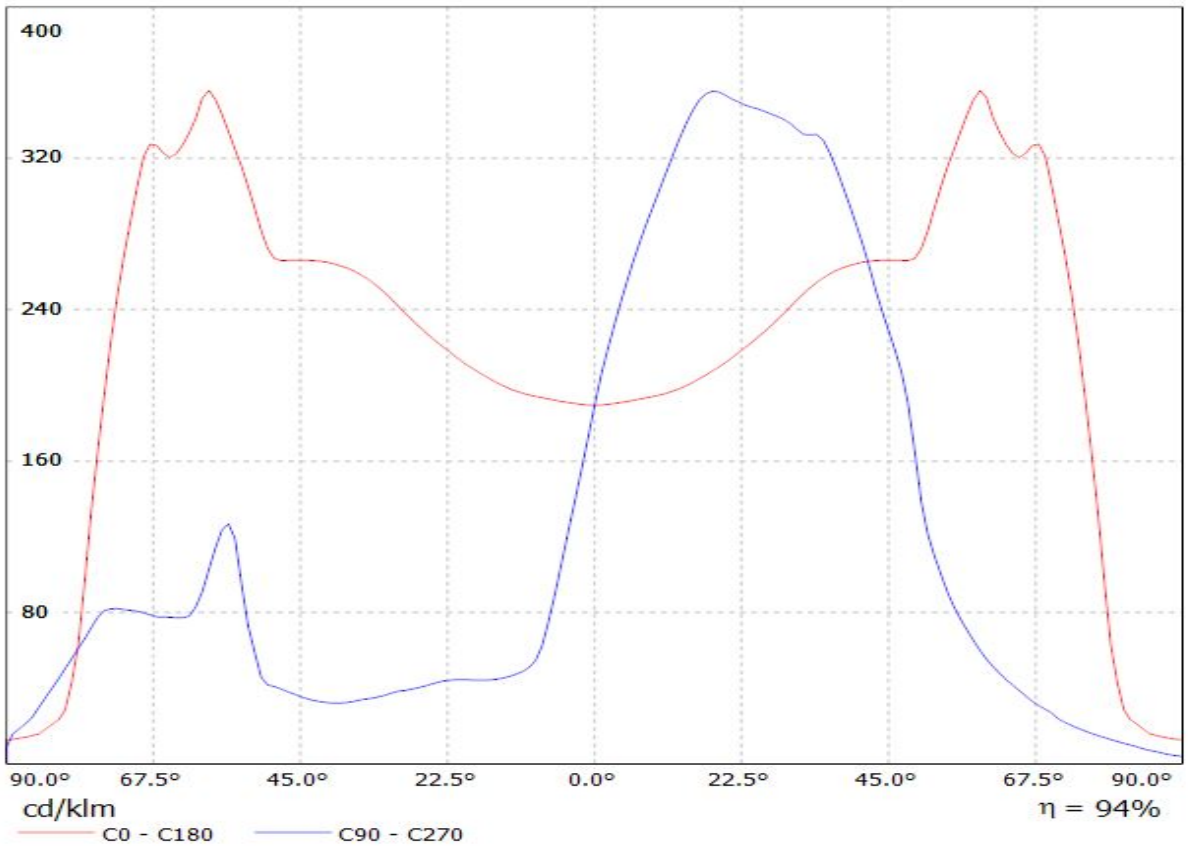
Luminaire: LEDiL Oy CS14055_STRADA-IP-2X6-T2_(XP-G)
Lamps: 1 x CREE_XP-G_1138.9lm@250mA_P=8.72152W_I=249.8mA



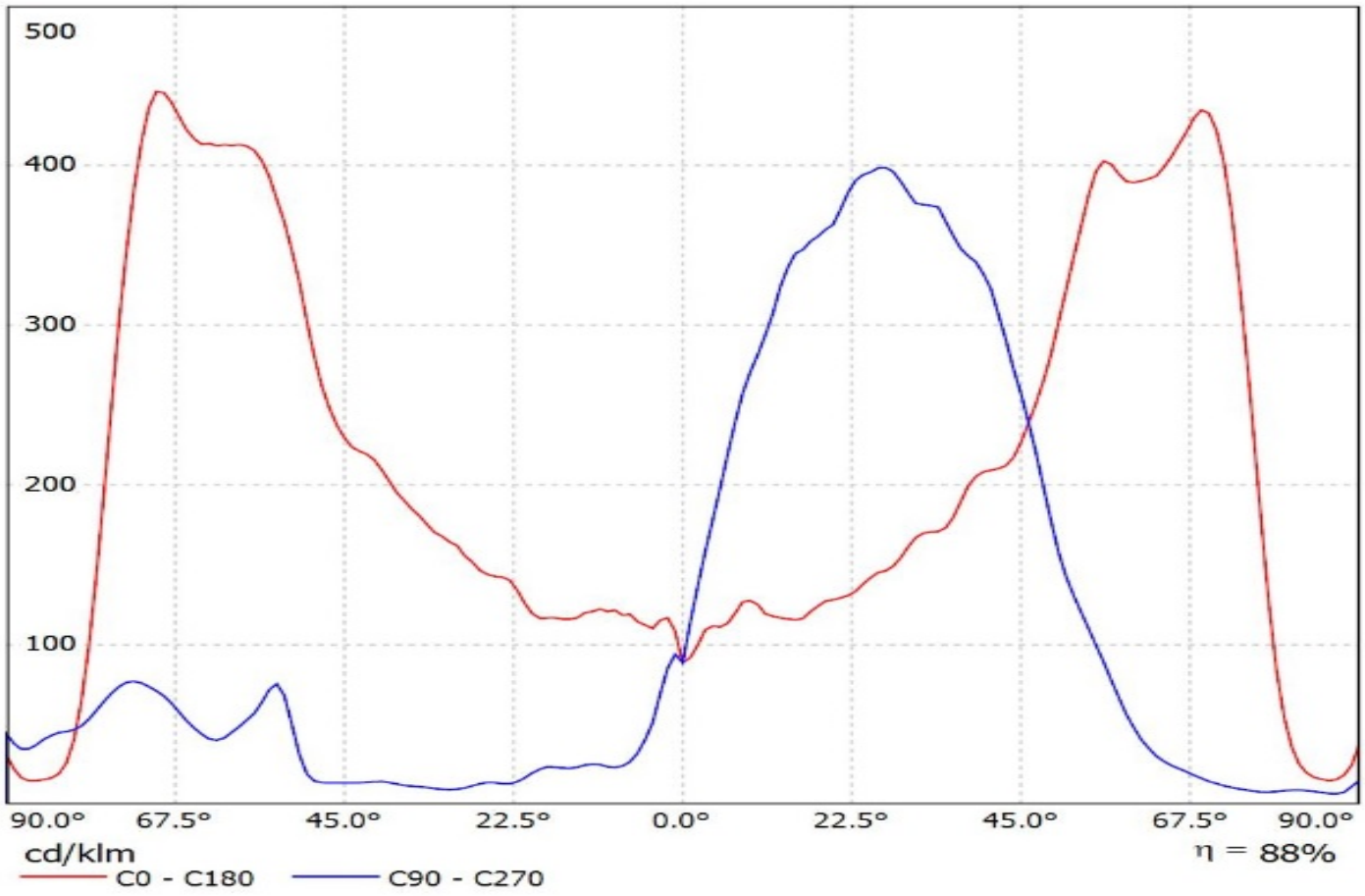
Luminaire: LEDiL Oy CS14055_STRADA-IP-2X6-T2_(XP-G2)
Lamps: 1 x CREE_XP-G2_787lm@250mA_P=8.52467W_I=249.8mA



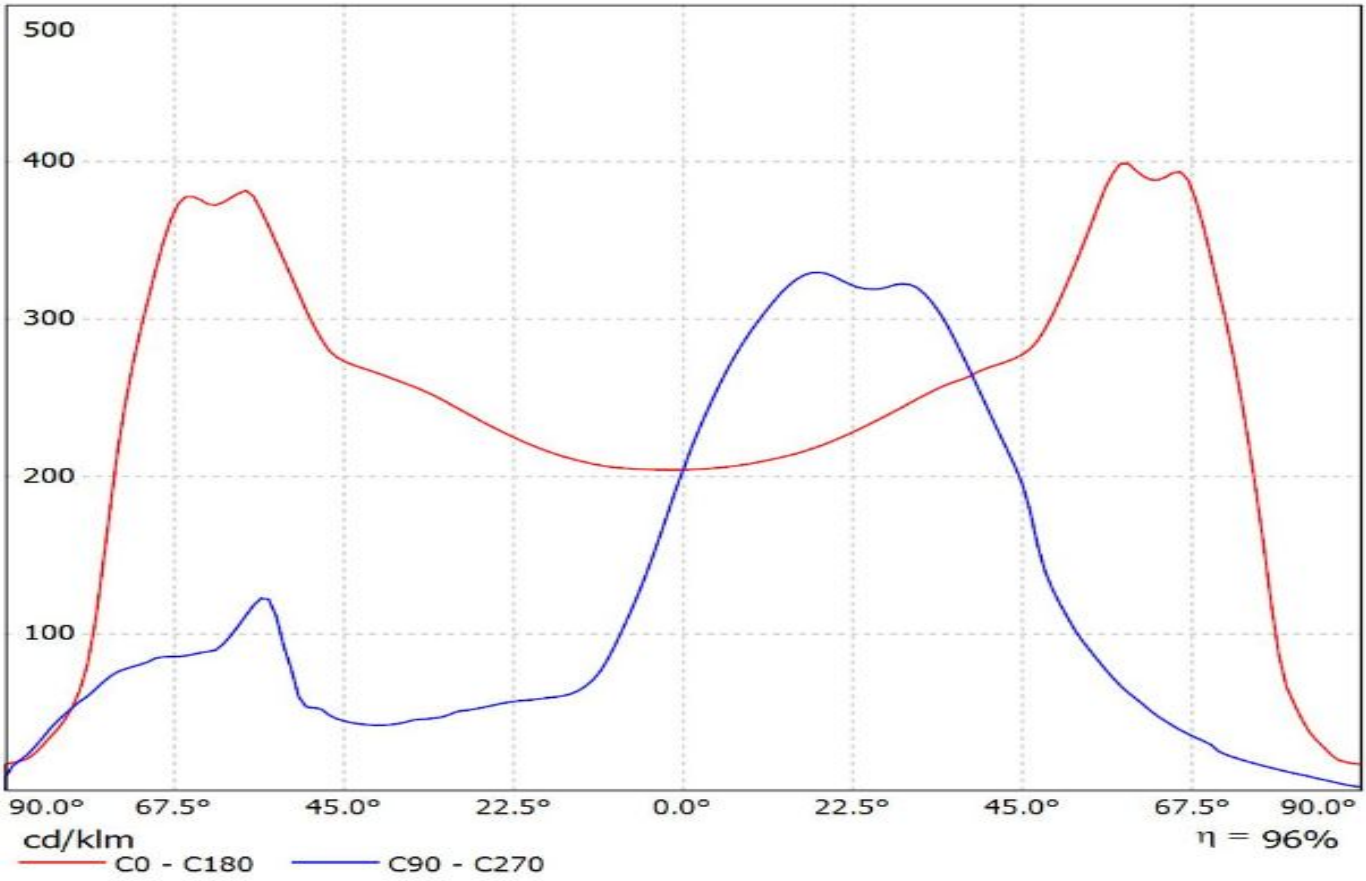
Luminaire: LEDiL Oy CS14055_STRADA-IP-2X6-T2_(XP-L)
Lamps: 1 x CREE_XP-L_2x6_(XPLAWT-0-7A3-U50-0H-0001)_1253.88lm@250mA_P=8.22317W_I=249.8mA



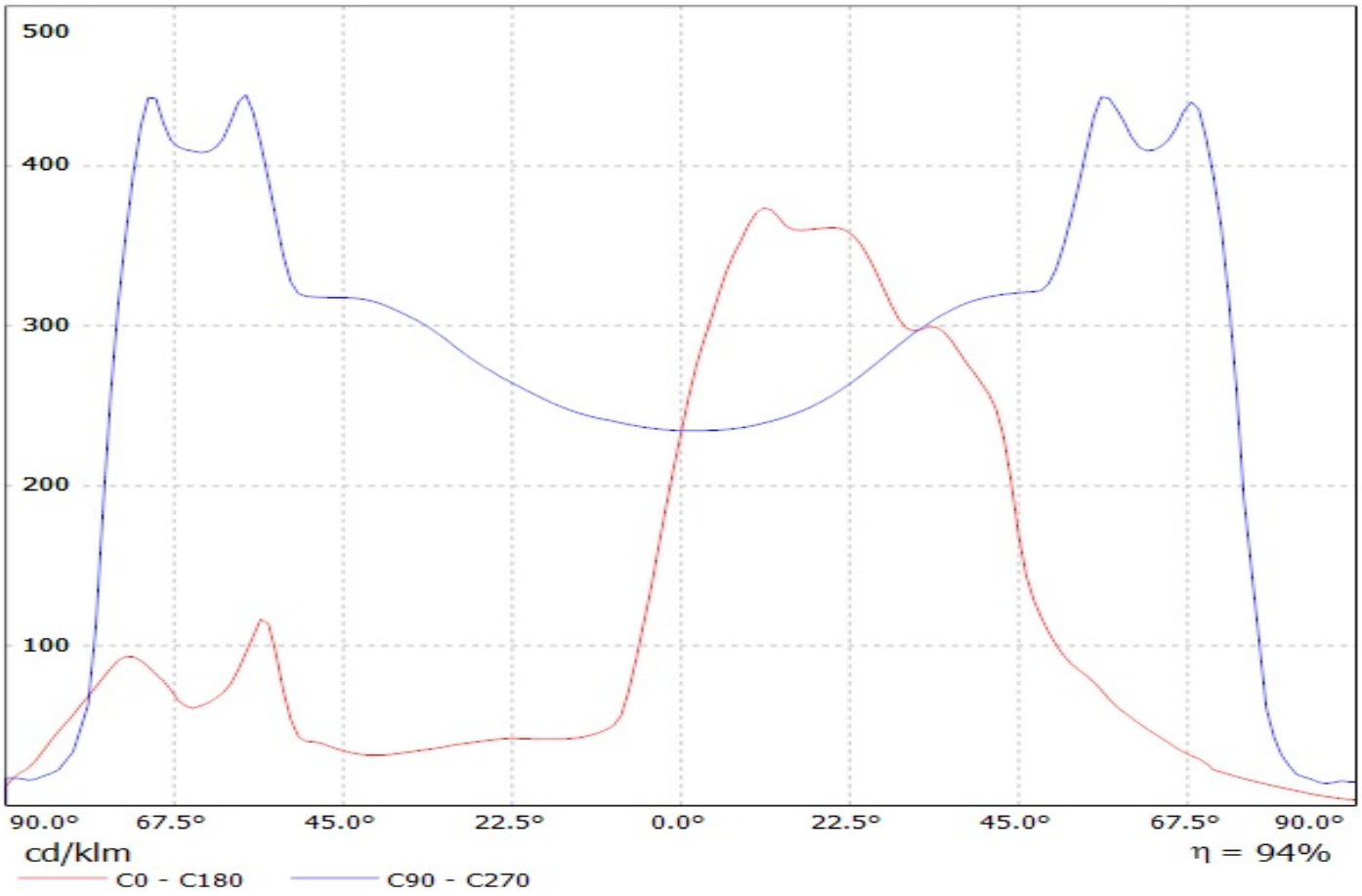
Luminaire: Ledil Oy CS14055_STRADA-IP-2X6-T2_(XP-G3)_SIMULATED
Lamps: 1 x Cree XP-G3



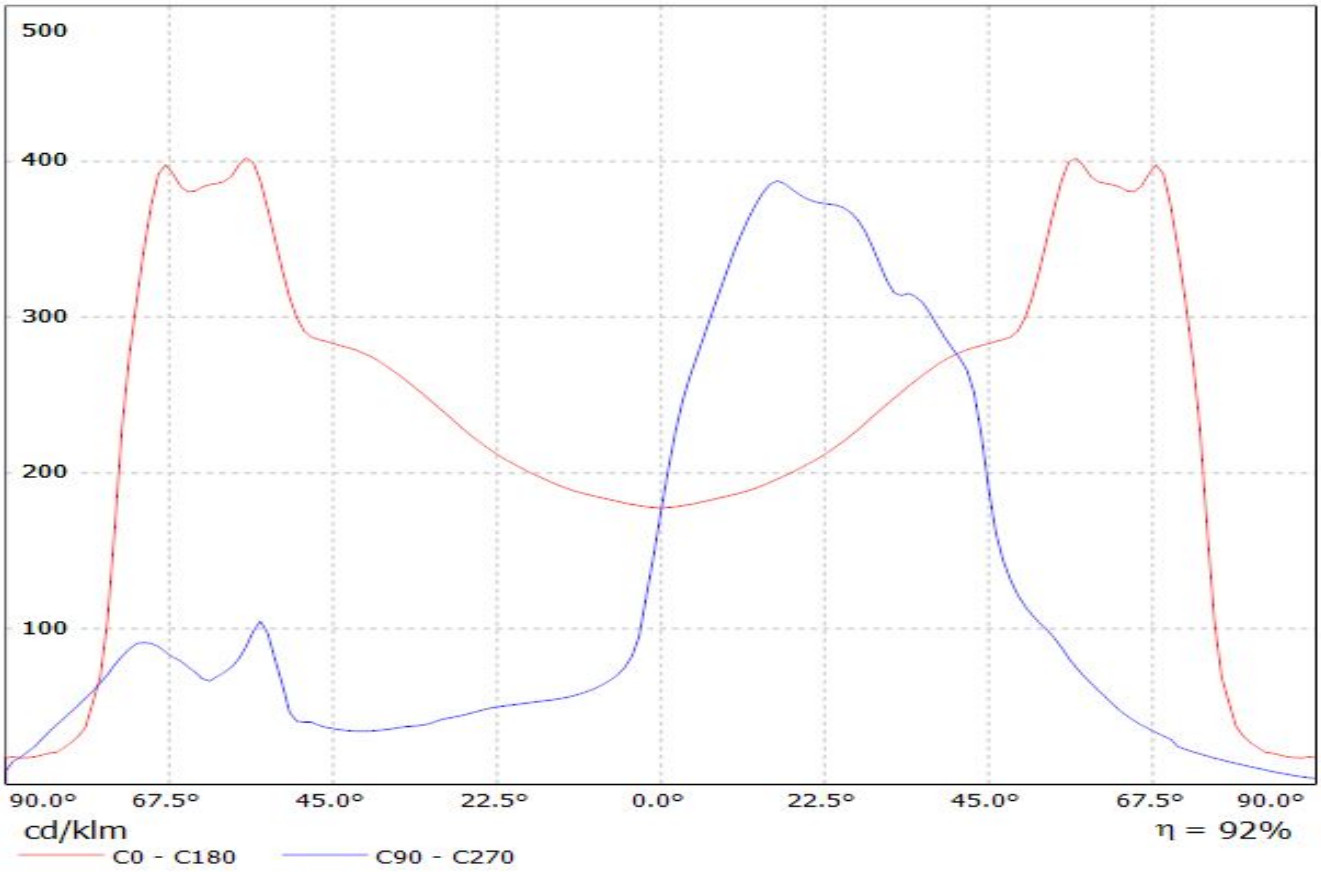
Luminaire: Ledil CS14055_STRADA-IP-2X6-T2_(XP-L2)
Lamps: 1 x Cree_XP-L2x12_(XPGBWT-H1-3B0-R5-0-01)
1666.32lm@250mA_CCT=5000_P=8.239W_I=0.25A



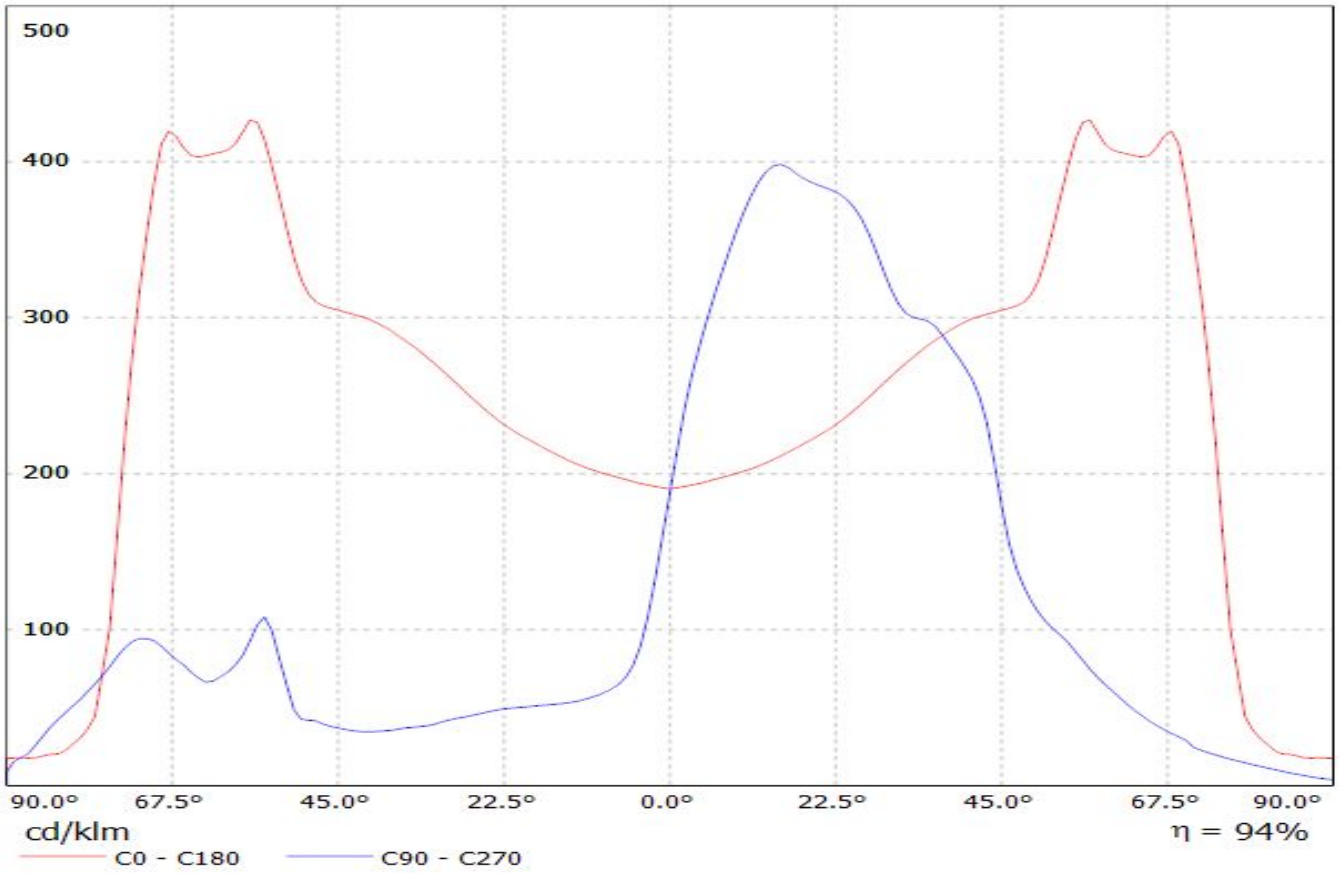
Luminaire: LEDiL Oy CS14055_STRADA-IP-2X6-T2_(LG_3535_H35C1) Eff: 94%
Lamps: 1 x LG_3535_H35C1_2x6_1368.4lm@250mA_P=8.55408W_I=249.9mA



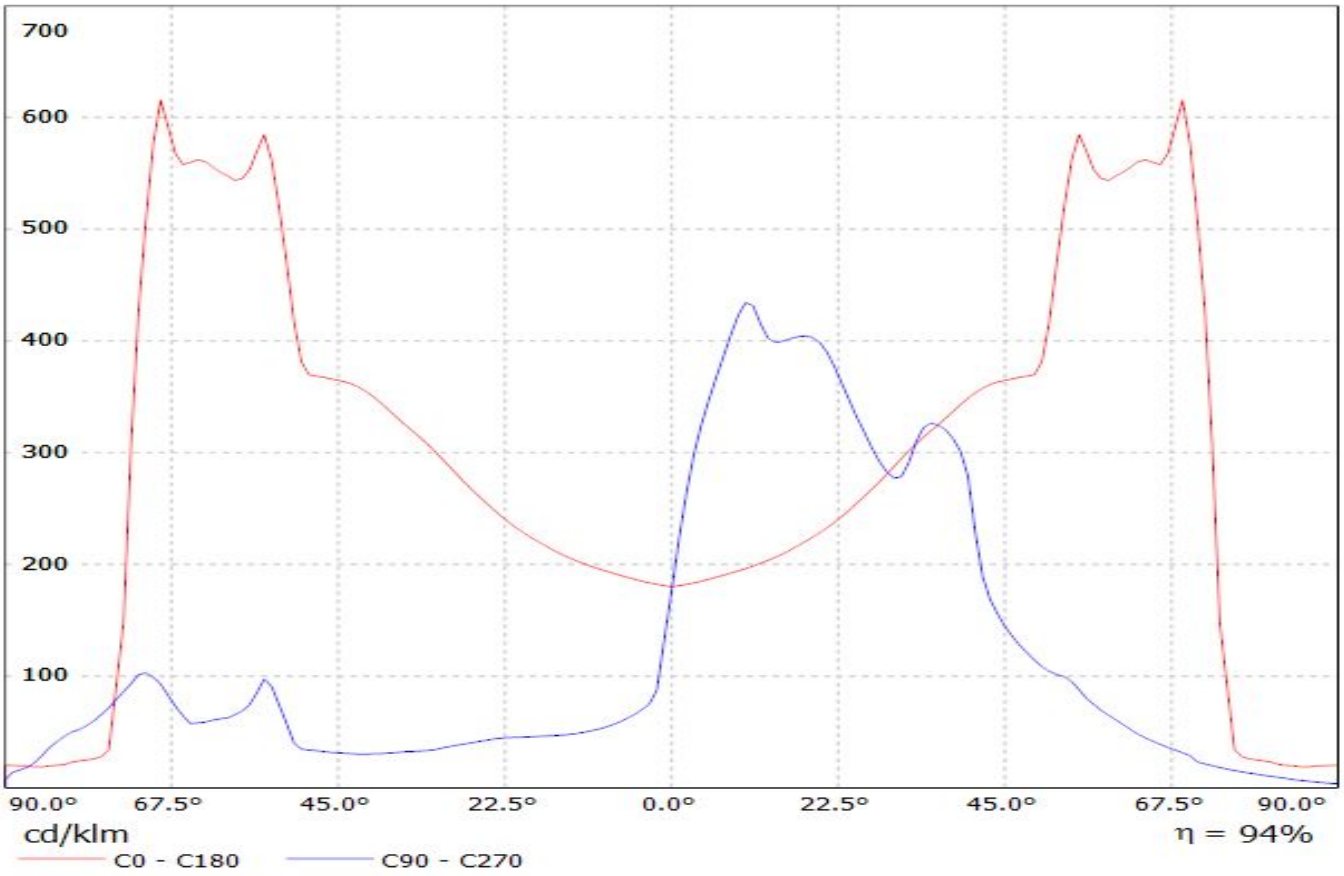
Luminaire: LEDiL Oy CS14055_STRADA-IP-2X6-T2_(LUXEON_R)
Lamps: 1 x LUXEON_R_1136.4lm@250mA_P=8.29211W_I=249.8mA



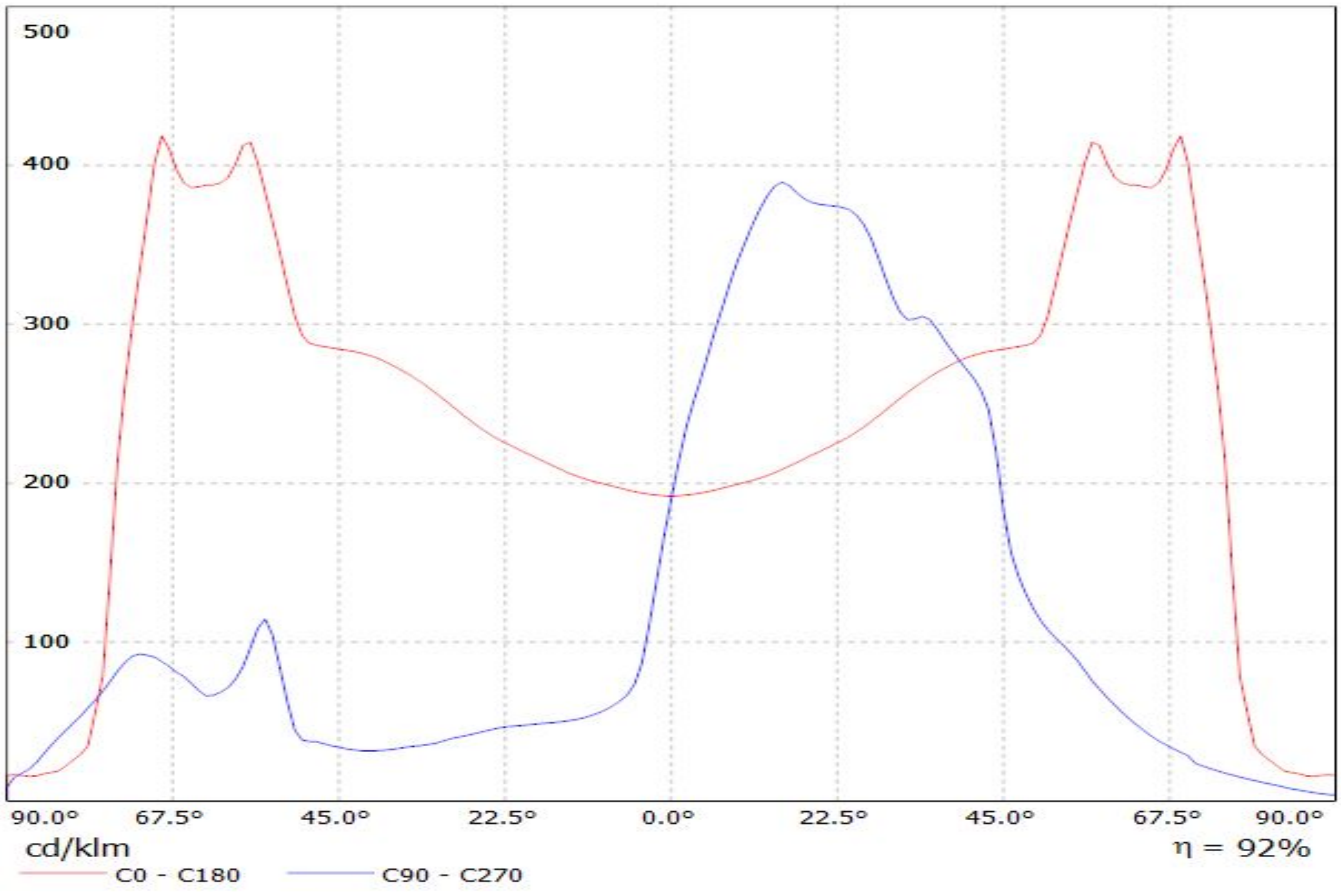
Luminaire: LEDiL Oy CS14055_STRADA-IP-2X6-T2_(REBEL-ES)
Lamps: 1 x LUXEON_REBEL-ES_852.7lm@250mA_P=9.03202W_I=249.8mA



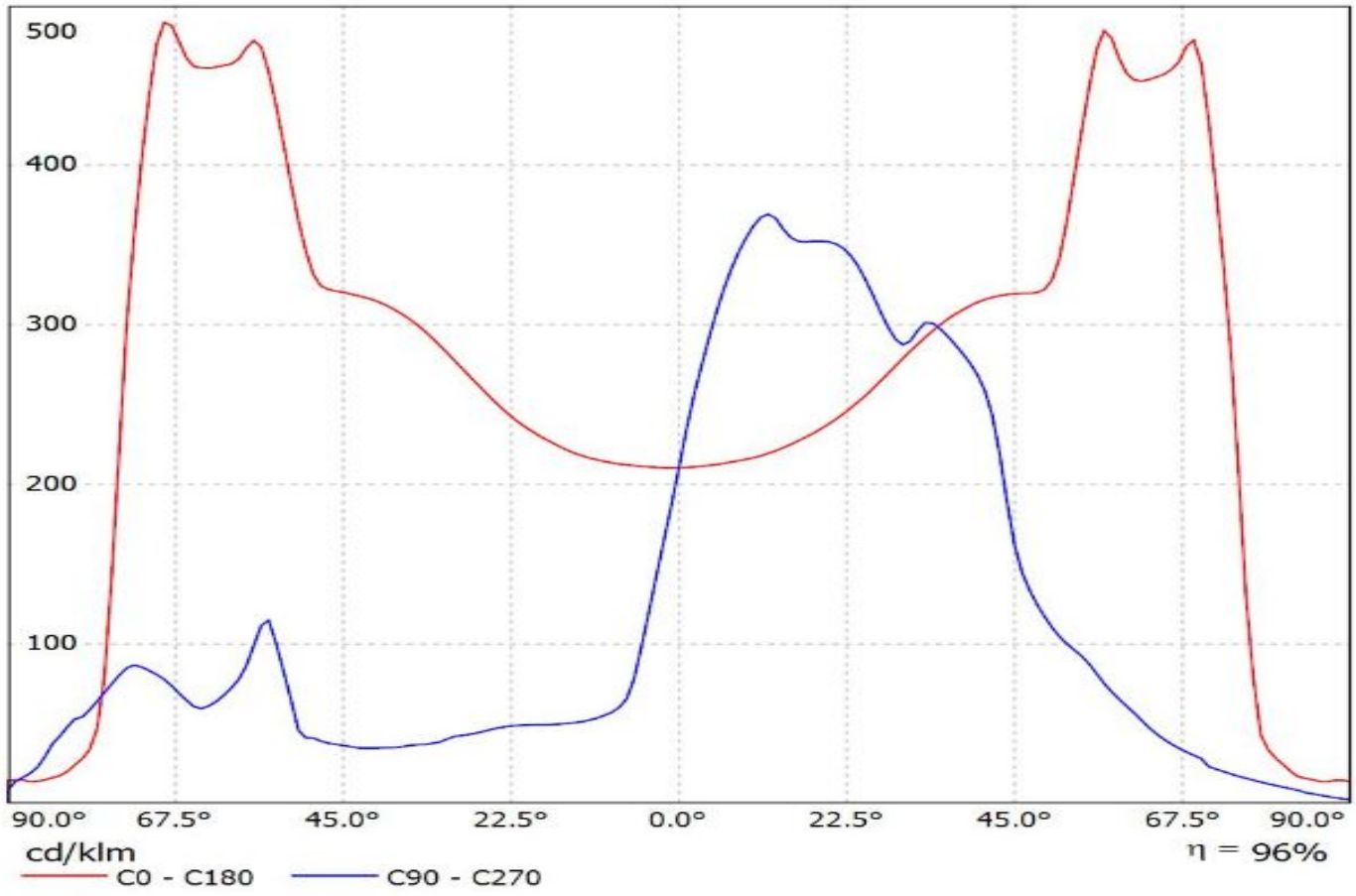
Luminaire: LEDiL Oy CS14055_STRADA-IP-2X6-T2_(LUXEON_Z_ES) Eff.94.3%
Lamps: 1 x LUXEON_Z_ES_970.851lm@250mA_P=8.31159W_I=249.8mA



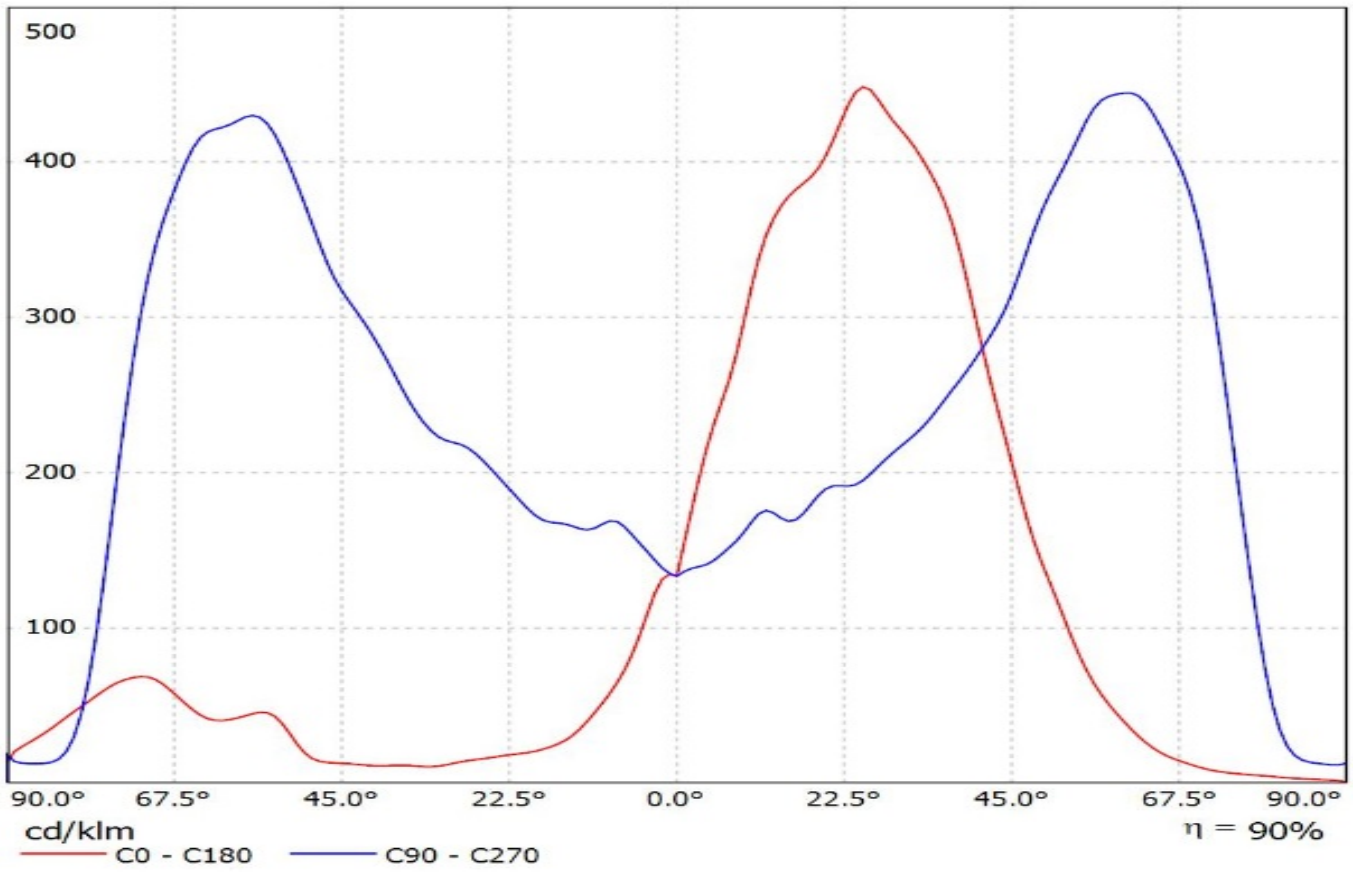
Luminaire: LEDiL Oy CS14055_STRADA-IP-2X6-T2_(LUXEON_T) Eff.94.0%
Lamps: 1 x LUXEON_T_6x2_(LXH8-FW30)_1044.9lm@250mA_P=8.46572W_I=249.8mA



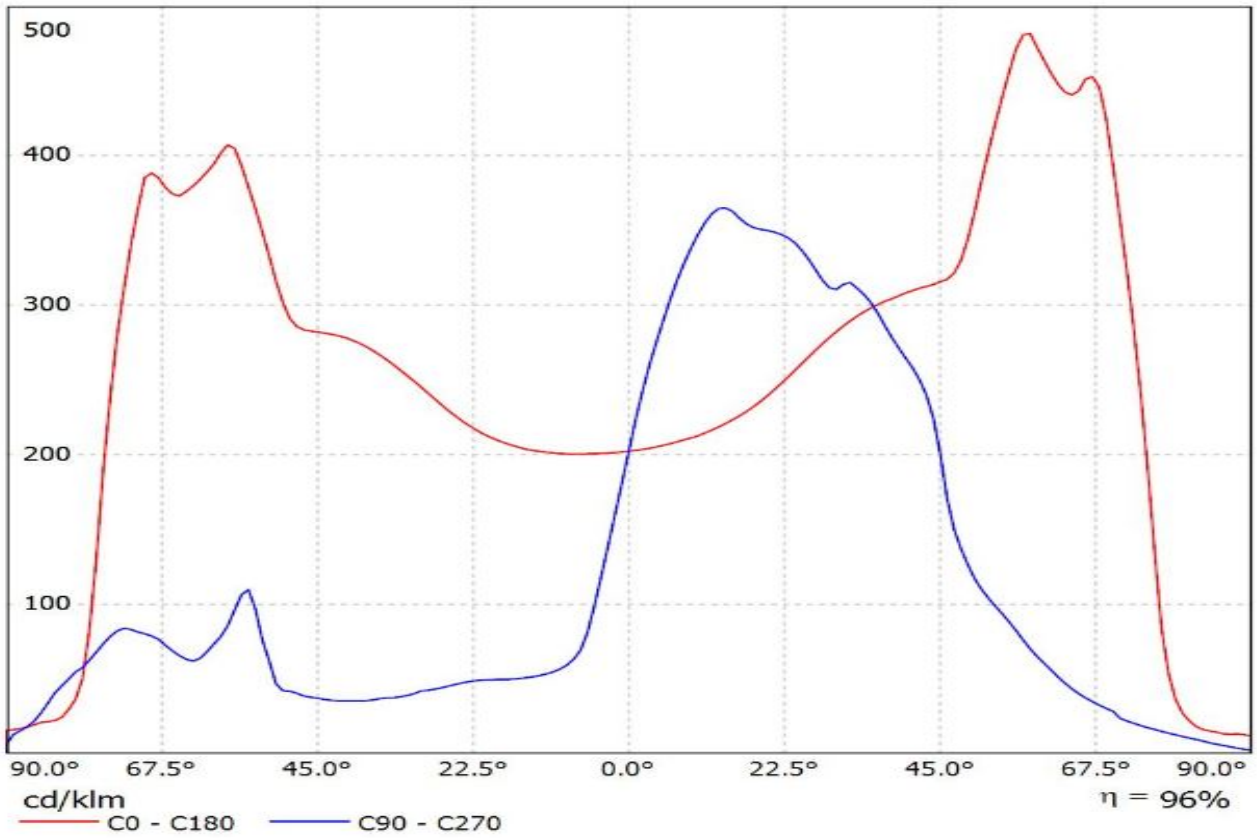
Luminaire: Ledil CS14055_STRADA-IP-2X6-T2_(XR-TX)
Lamps: 1 x Luxeon_XR-TX_1377.67lm@250mA_P=8.3973W_I=0.250A



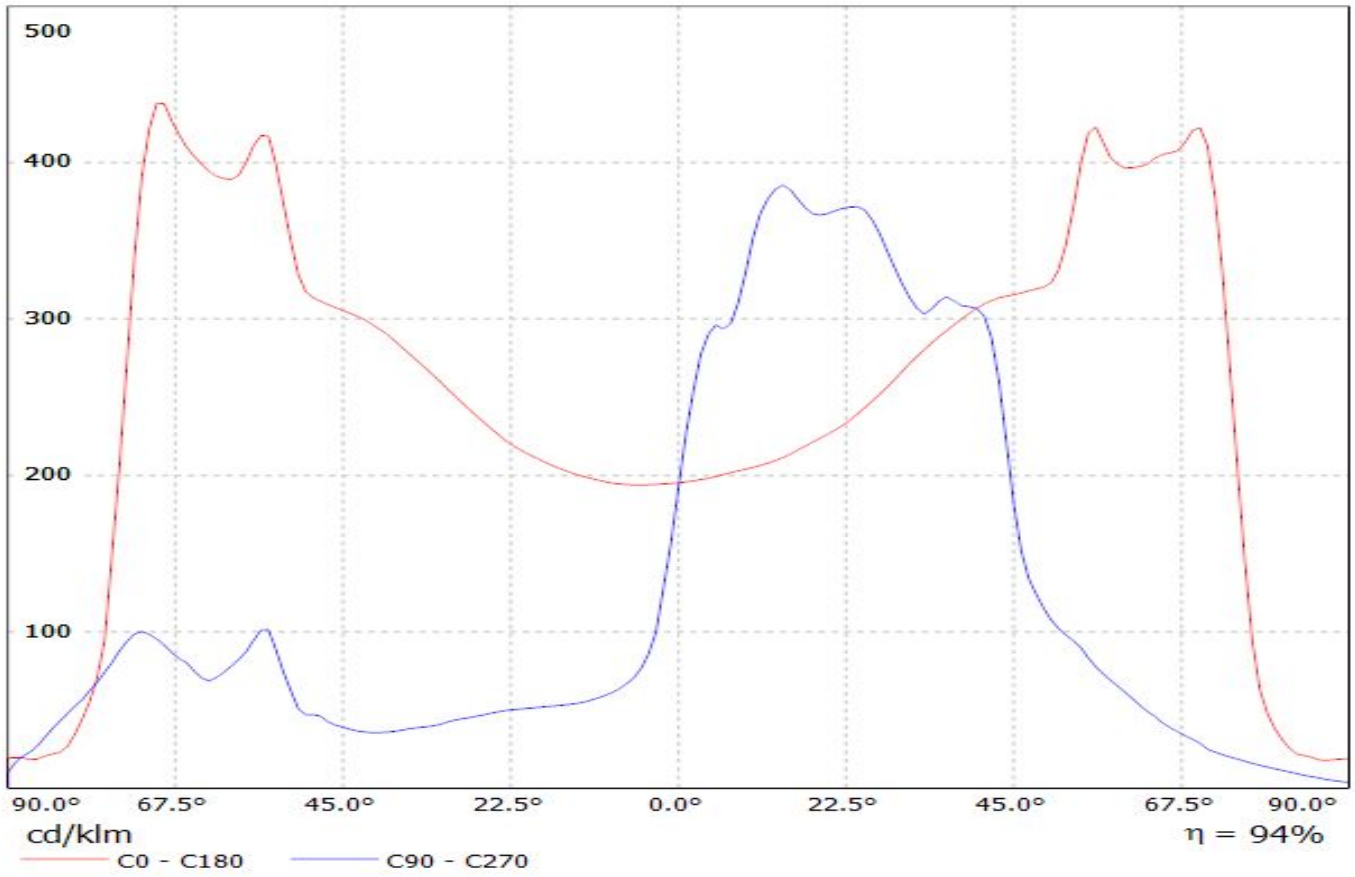
Luminaire: Ledil Oy CS14055_STRADA-IP-2X6-T2_LUXEON-5050_SIMULATED
Lamps: 1 x Lumileds Luxeon 5050



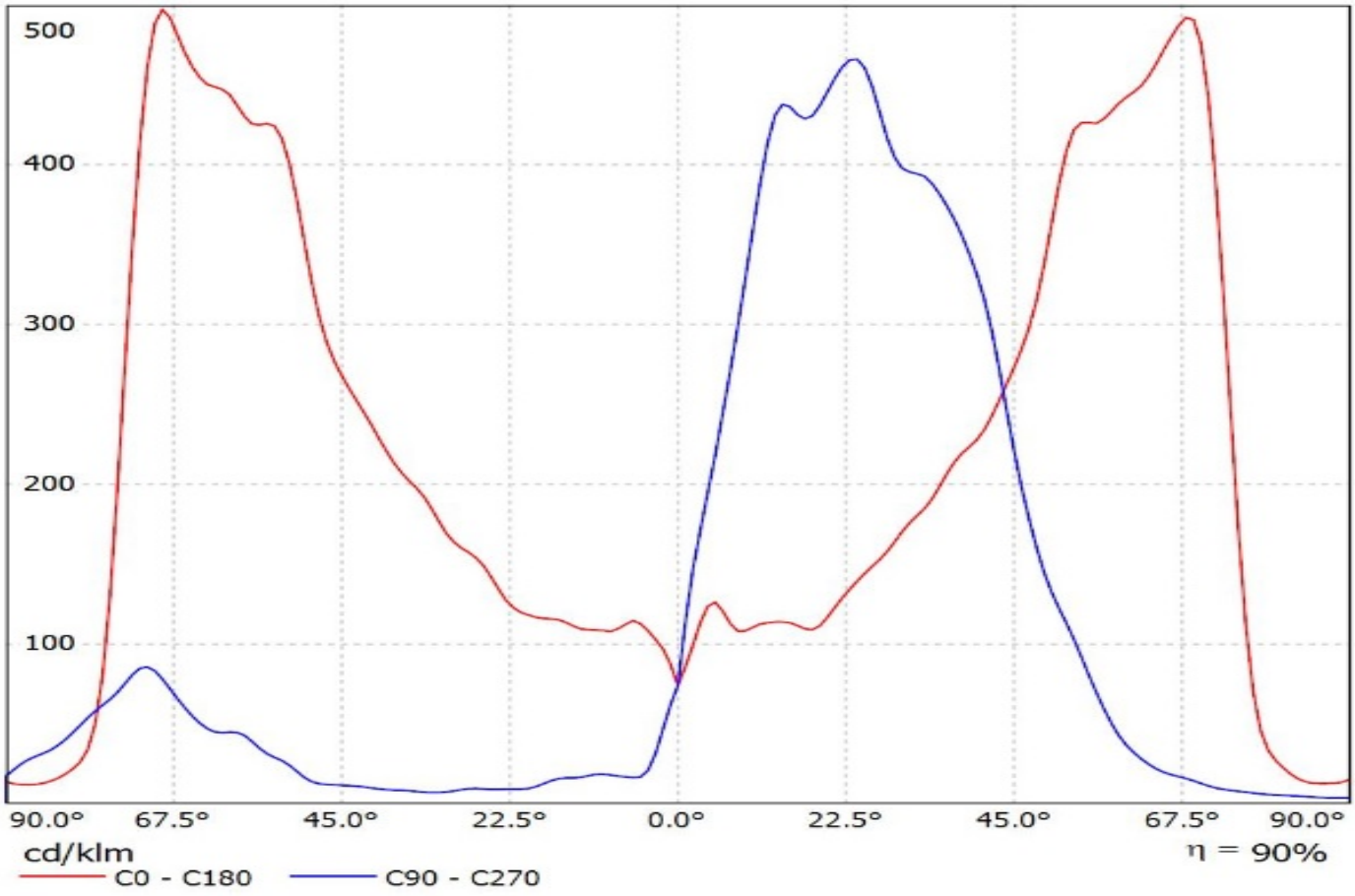
Luminaire: Ledil CS14055_STRADA-IP-2X6-T2_(NVSL219CT)
Lamps: 1 x Nichia_NVSL219CT_2x6_1262.53lm@250mA_P=8.35825W_I=0.25A



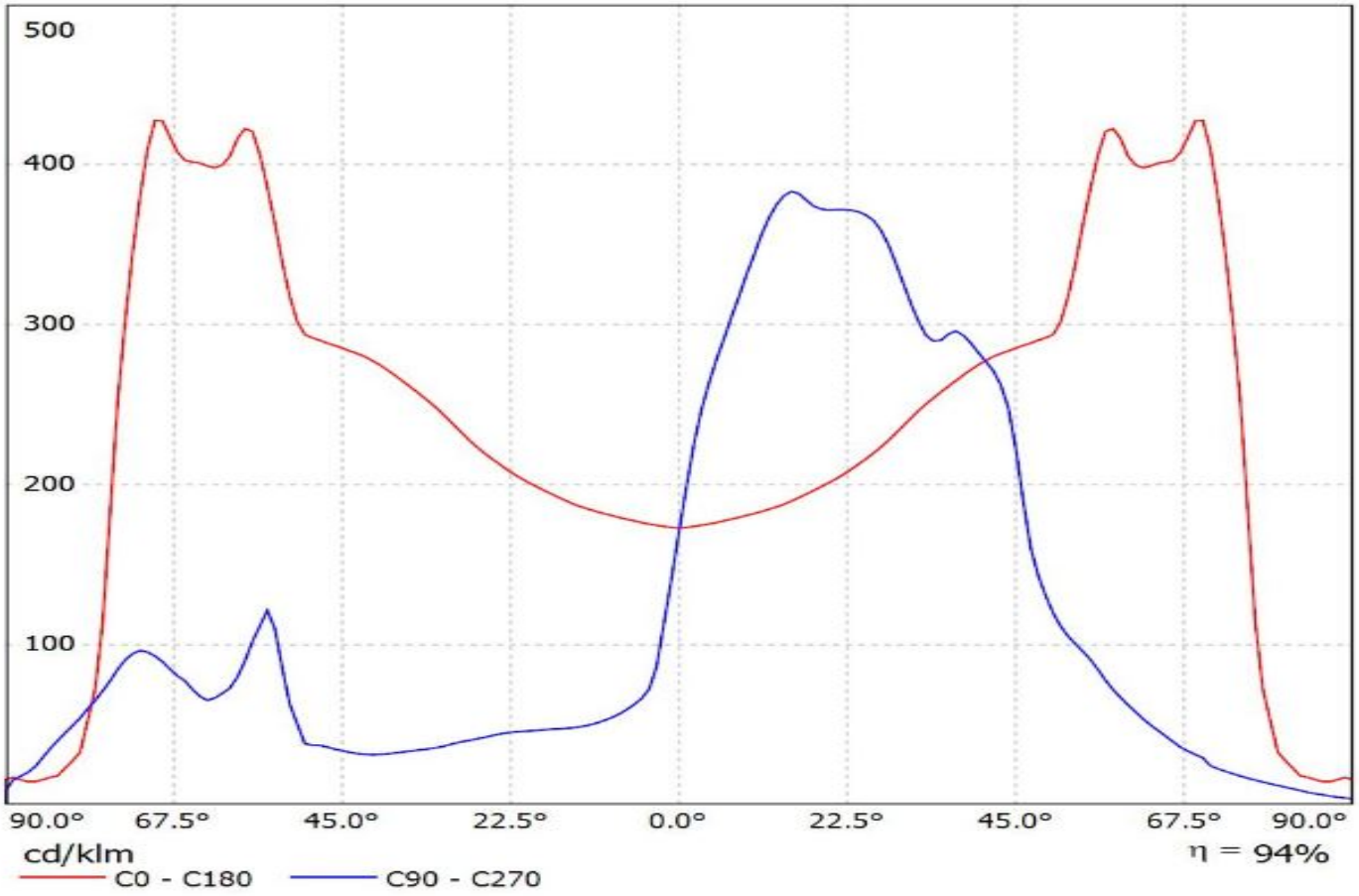
Luminaire: LEDiL Oy CS14055_STRADA-IP-2X6-T2_(SQUARE)
Lamps: 1 x OSLON_SQUARE_PC_1138.9lm@250mA_P=8.72152W_I=249.8mA



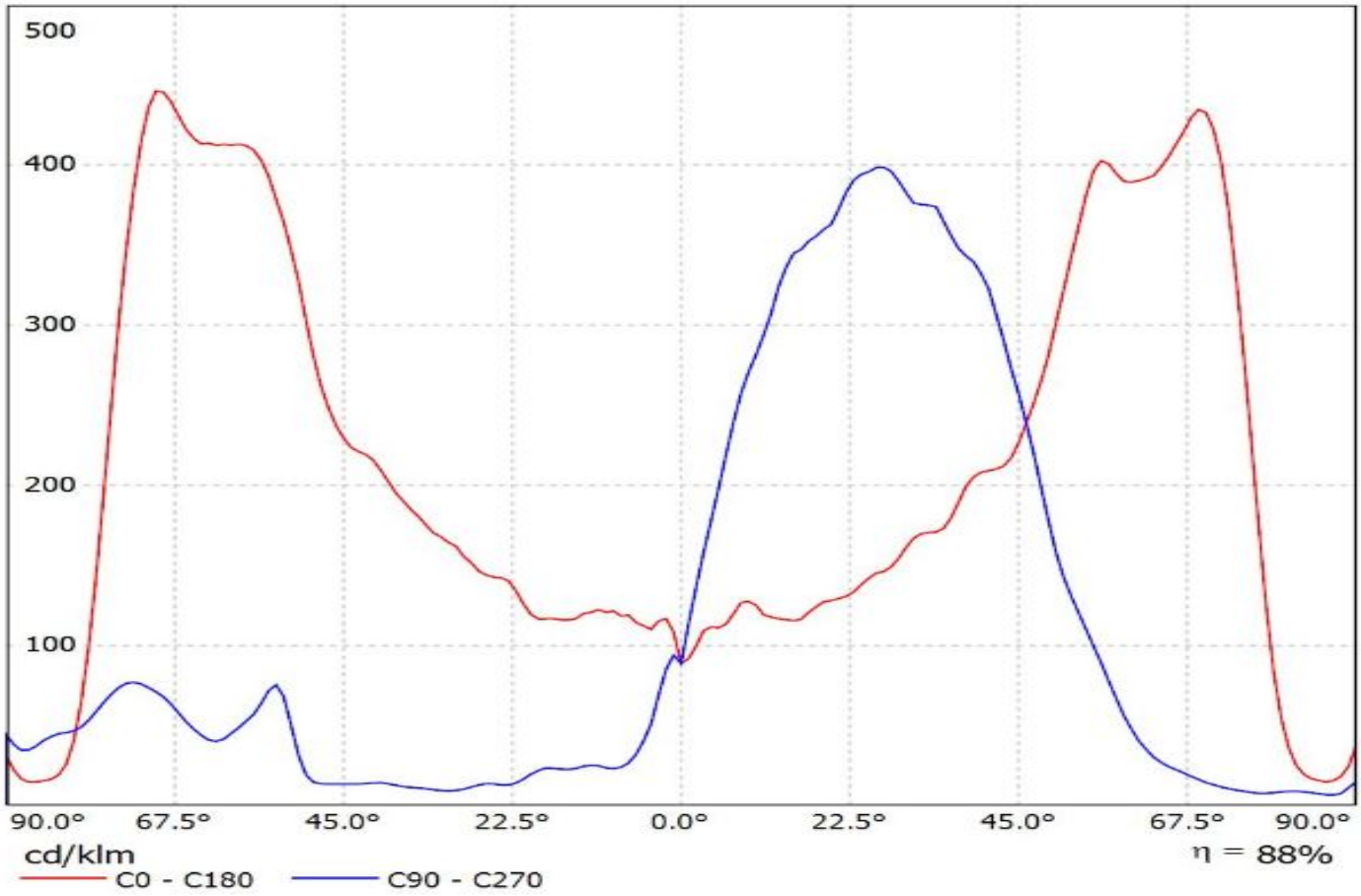
Luminaire: Ledil Oy CS14055_STRADA-IP-2X6-T2_(Duris_P8)_SIMULATED
Lamps: 1 x Osram Duris P8



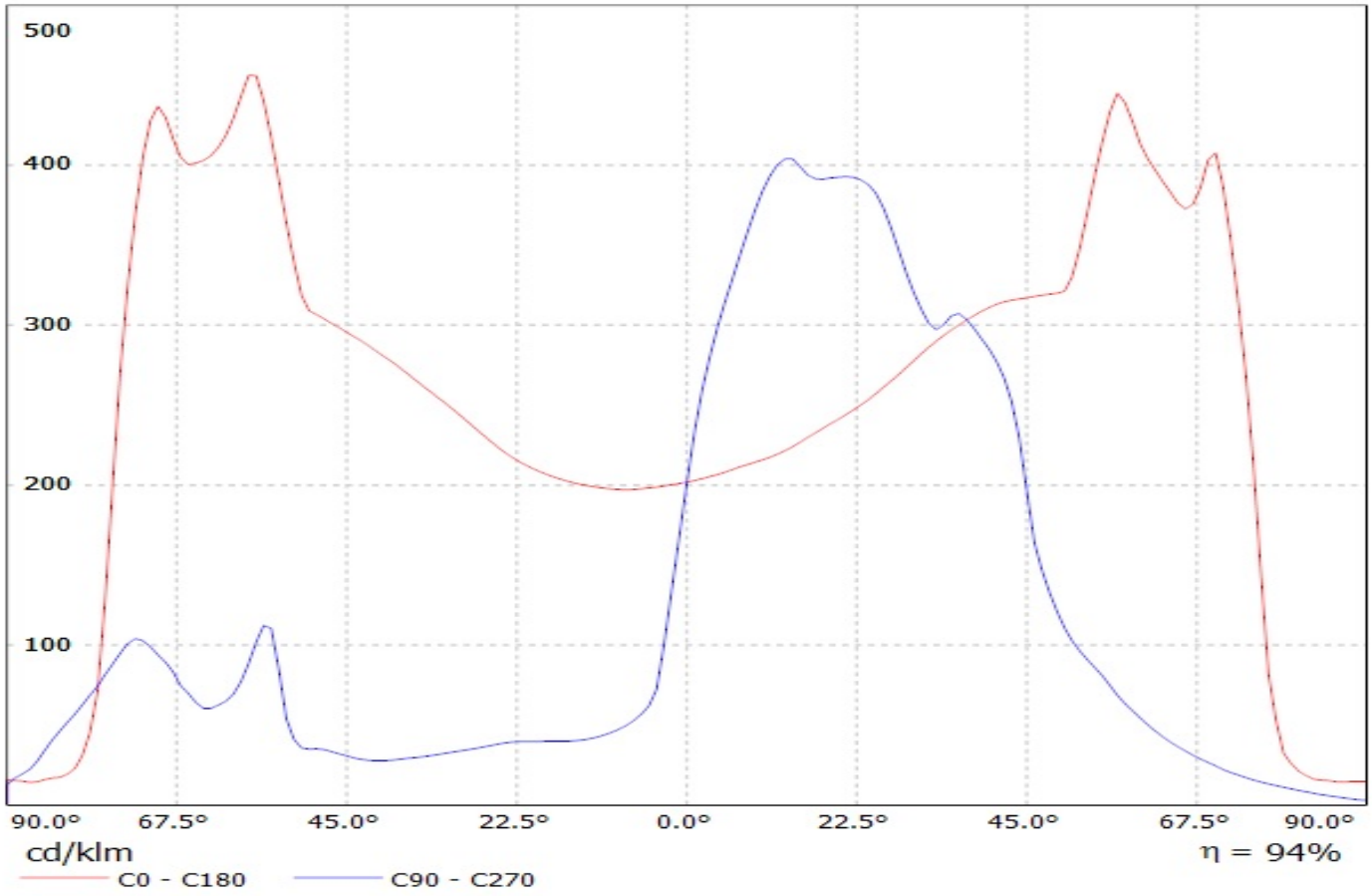
Luminaire: LEDiL Oy CS14055_STRADA-IP-2X6-T2_Fortimo FastFlex LED board 2x6 DP G4
Lamps: 1 x Fortimo FastFlex LED board 2x6 DP G4



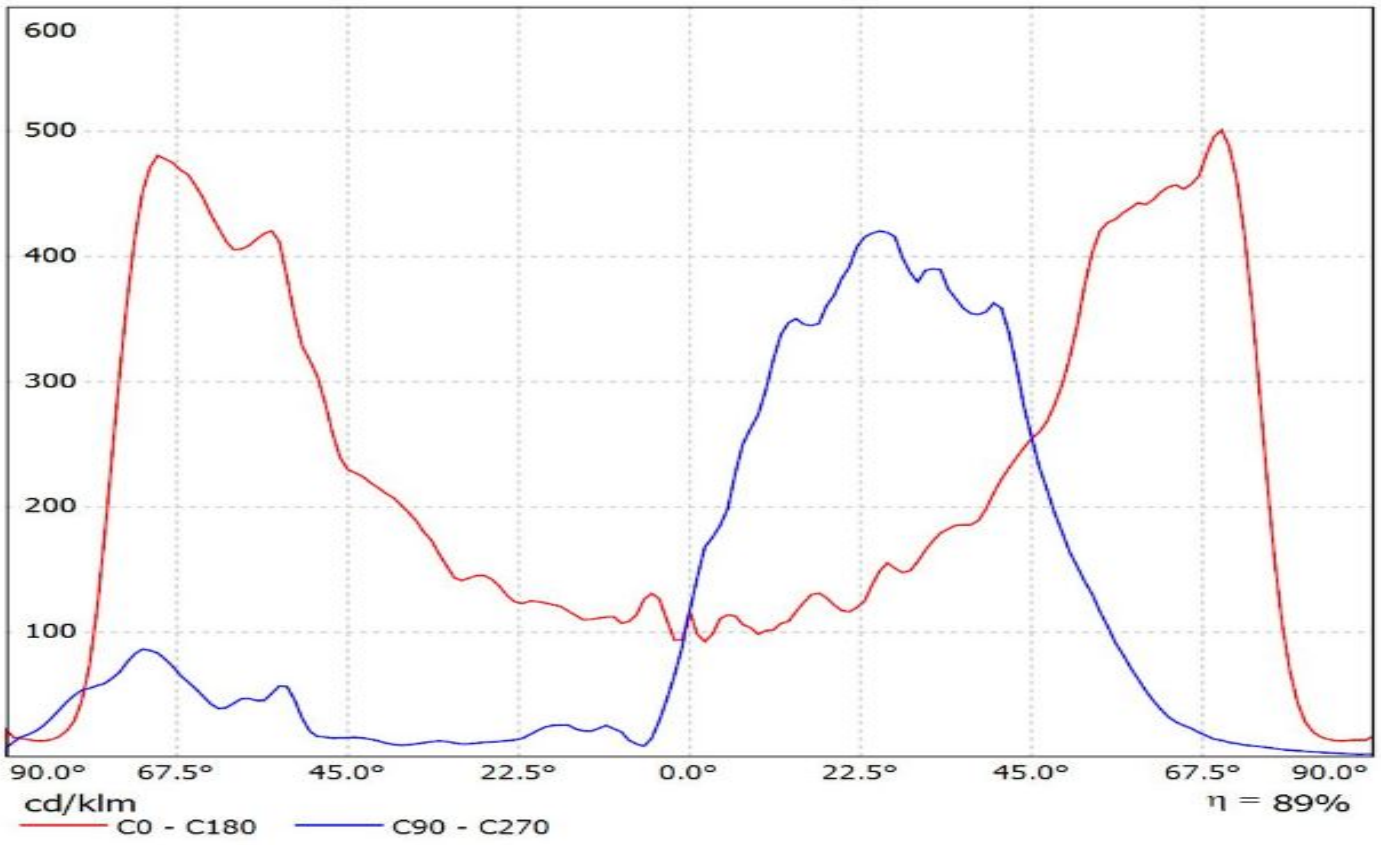
Luminaire: Ledil Oy CS14055_STRADA-IP-2X6-T2_Fortimo FastFlex LED board 2x6 DPX G4
Lamps: 1 x Fortimo FastFlex LED board 2x6 DPX G4



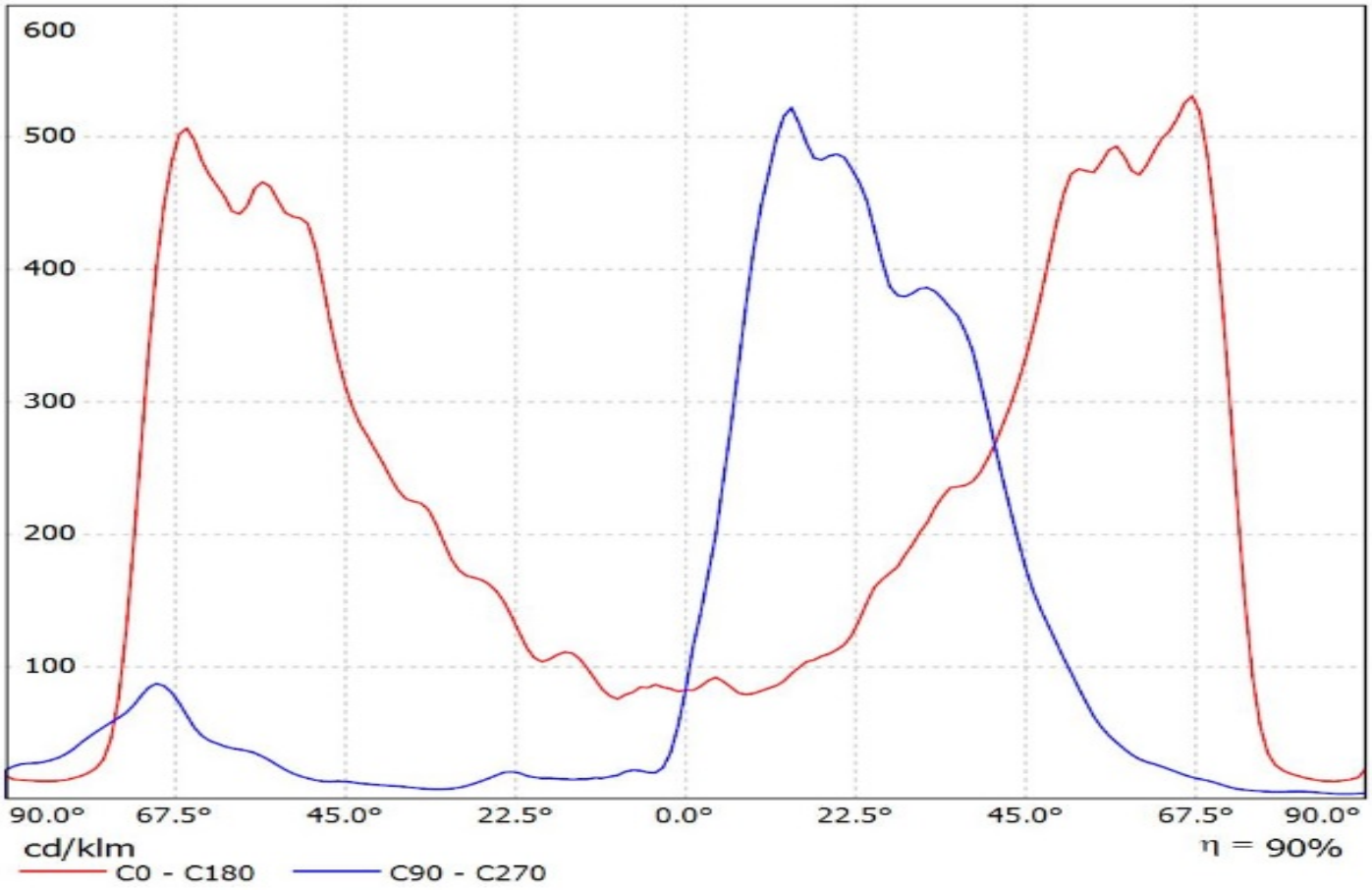
Luminaire: LEDiL Oy CS14055_STRADA-IP-2X6-T2_(LH351Z)
Lamps: 1 x SAMSUNG_LH351Z_2x6_956.95lm@250mA_P=8.67003W_I=249.9mA



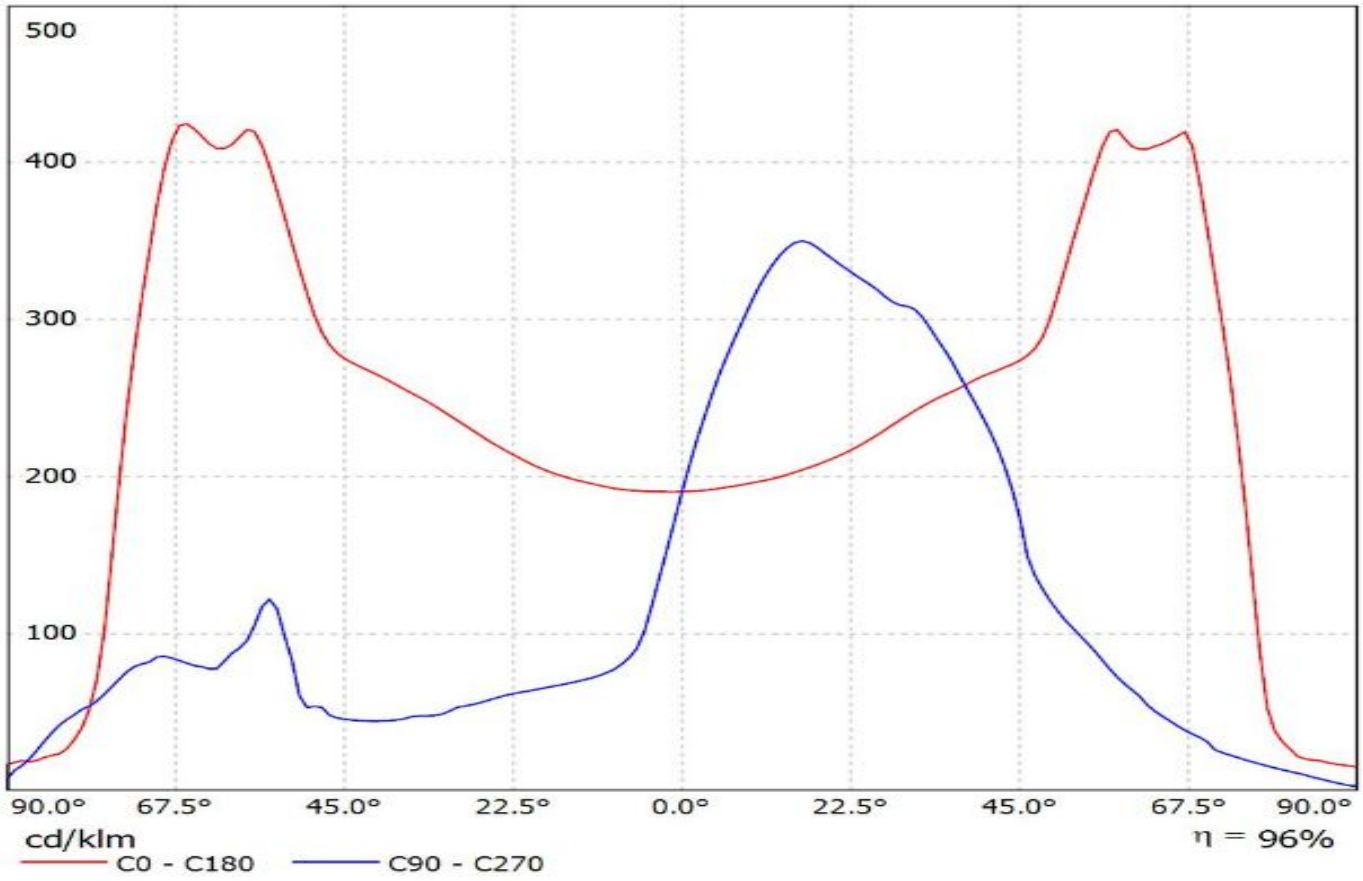
Luminaire: Ledil Oy CS14055STRADA-IP-2X6-T2
Lamps: 1 x SEOUL_Z5M



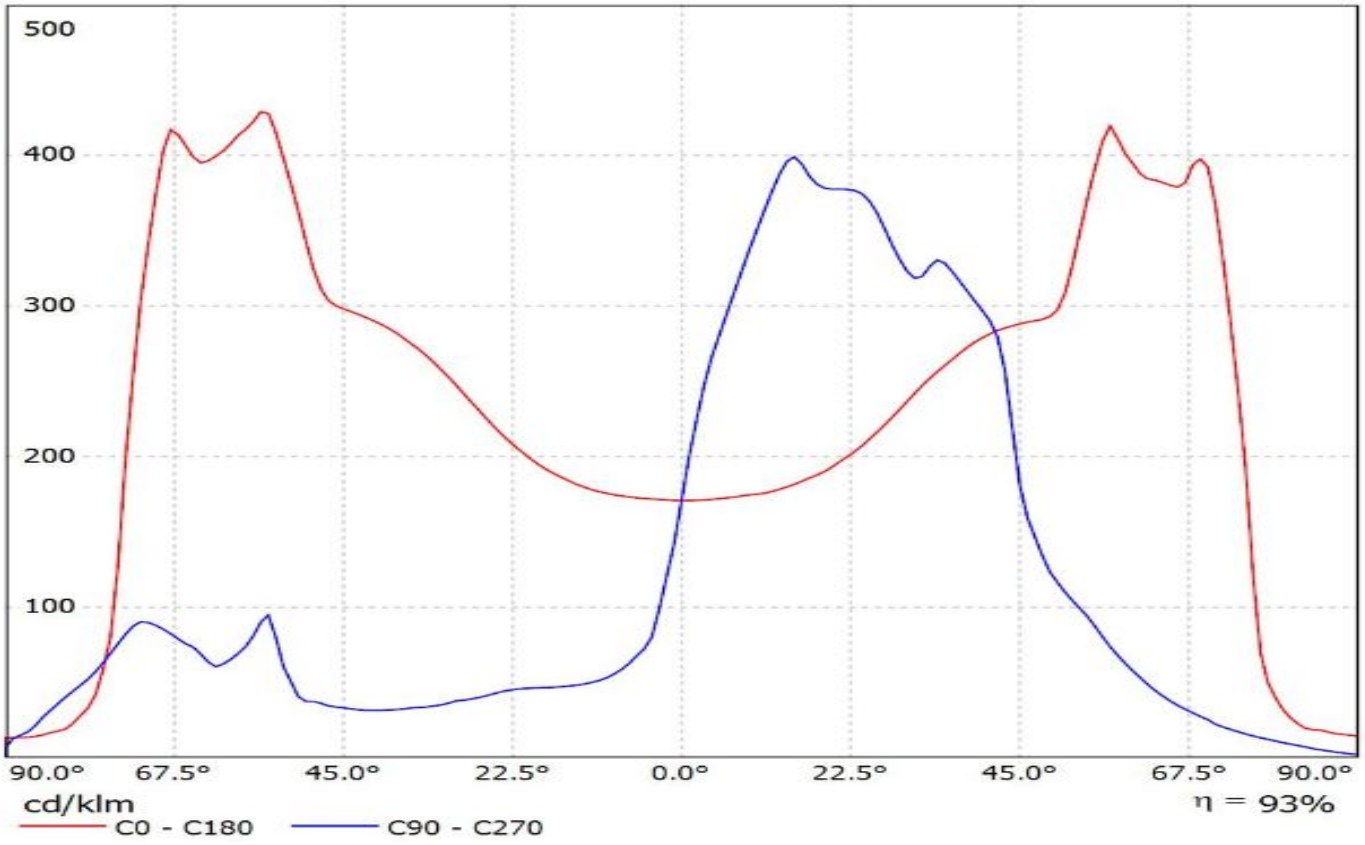
Luminaire: Ledil Oy CS14055_STRADA-IP-2X6-T2_(Z5M1)_SIMULATED
Lamps: 1 x Seoul Z5M1



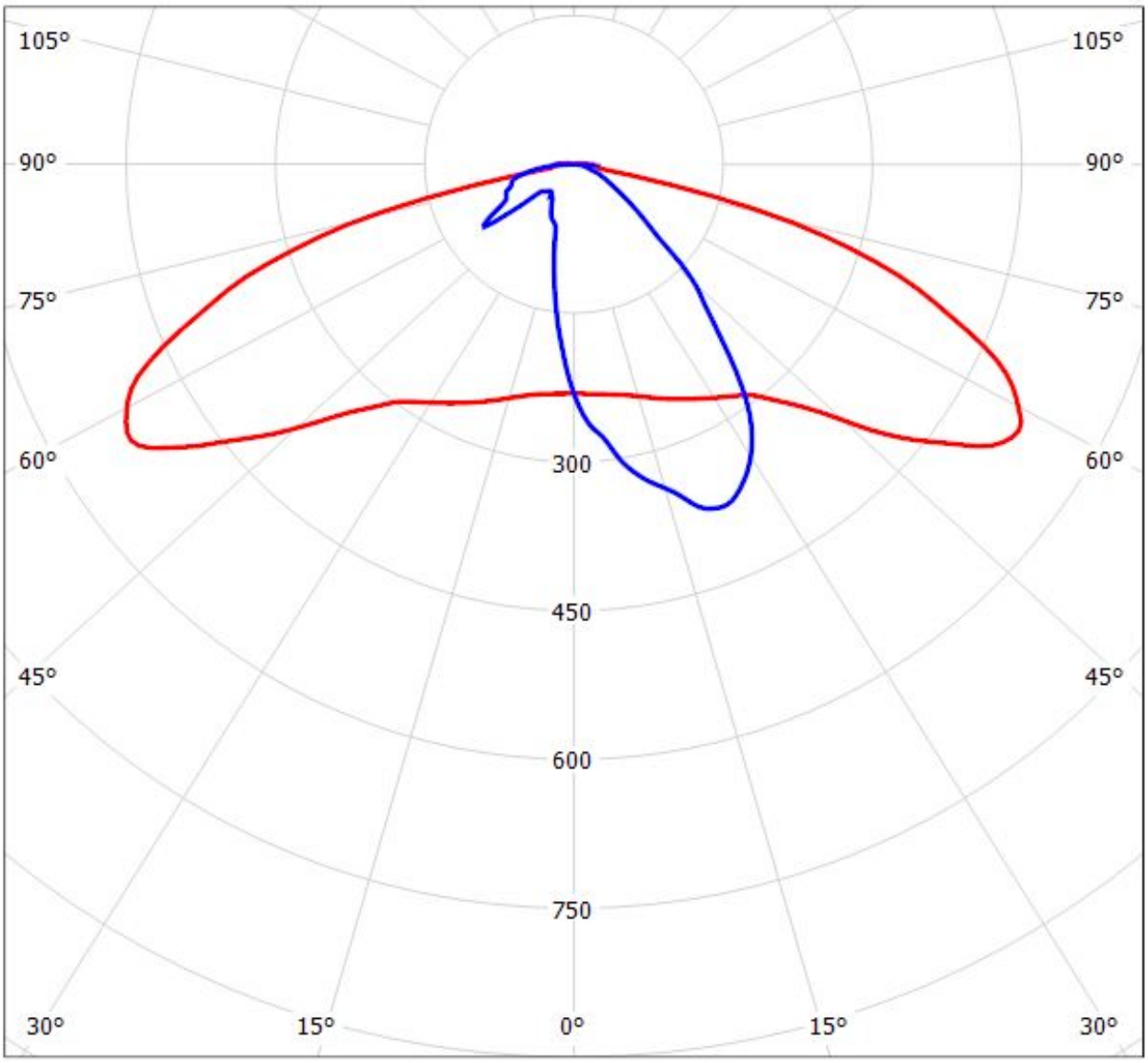
Luminaire: Ledil CS14055_STRADA-IP-2X6-T2_(Z8Y22_PLUS)
Lamps: 1 x Seoul_Z8Y22_PLUS_2X6_(SZ8-Y22-W0-C7P)1489.65lm@250mA_P=8.30675W_I=0.250A



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

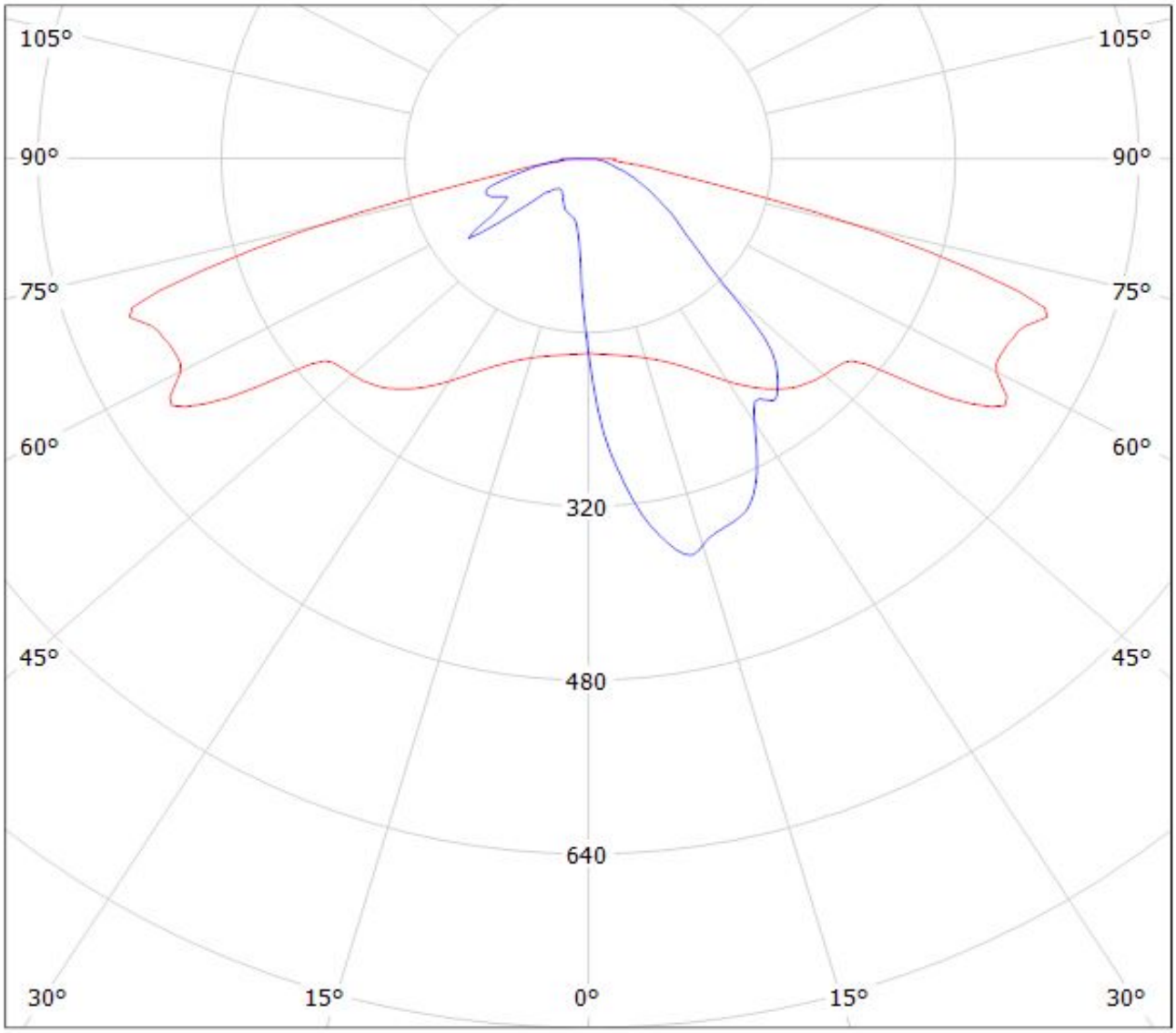


cd/klm

η = 97%

C0 - C180 C90 - C270

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

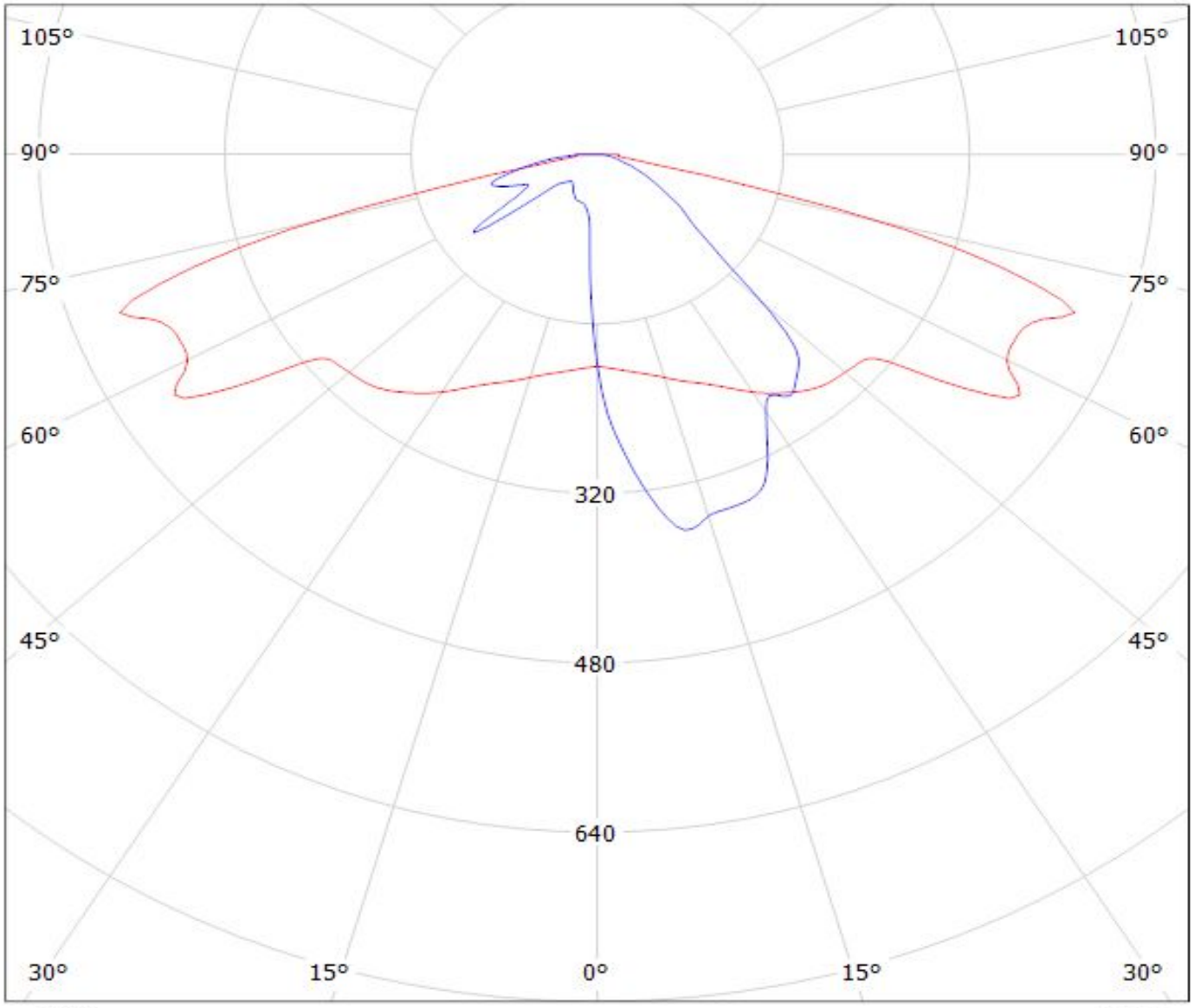


cd/klm

η = 94%

C0 - C180 C90 - C270

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



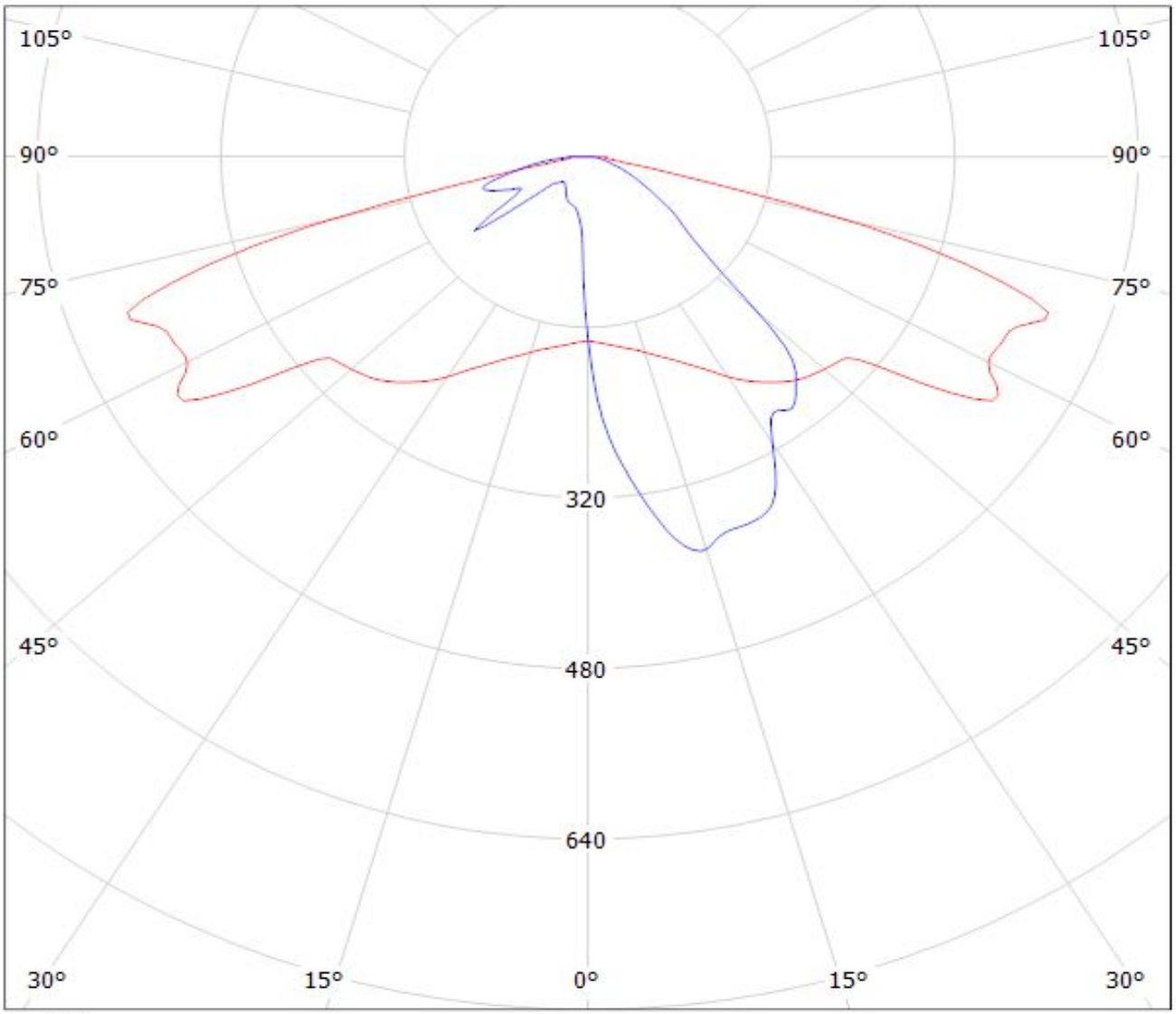
cd/klm

η = 92%

C0 - C180

C90 - C270

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

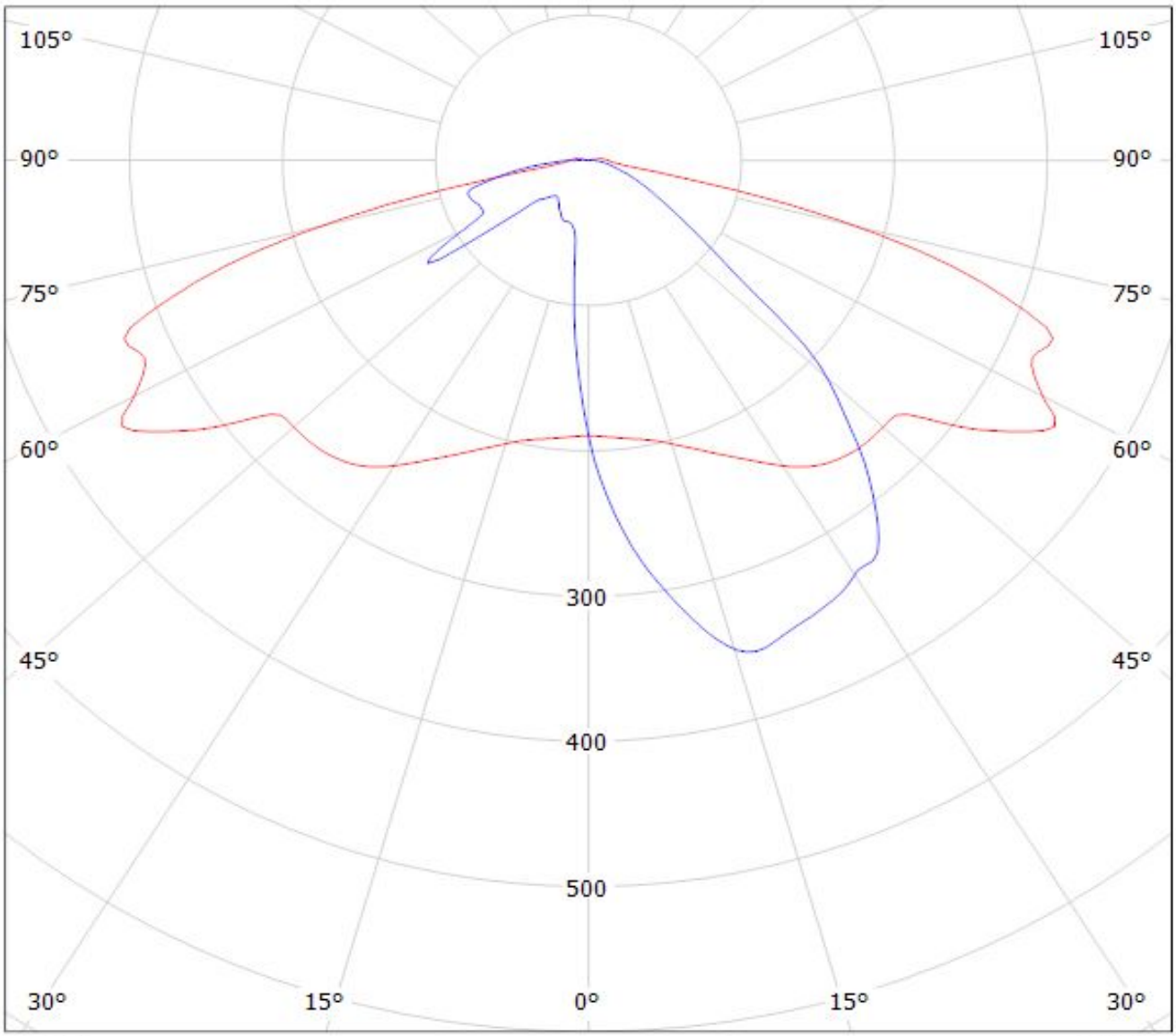


cd/klm

η = 94%

C0 - C180 C90 - C270

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

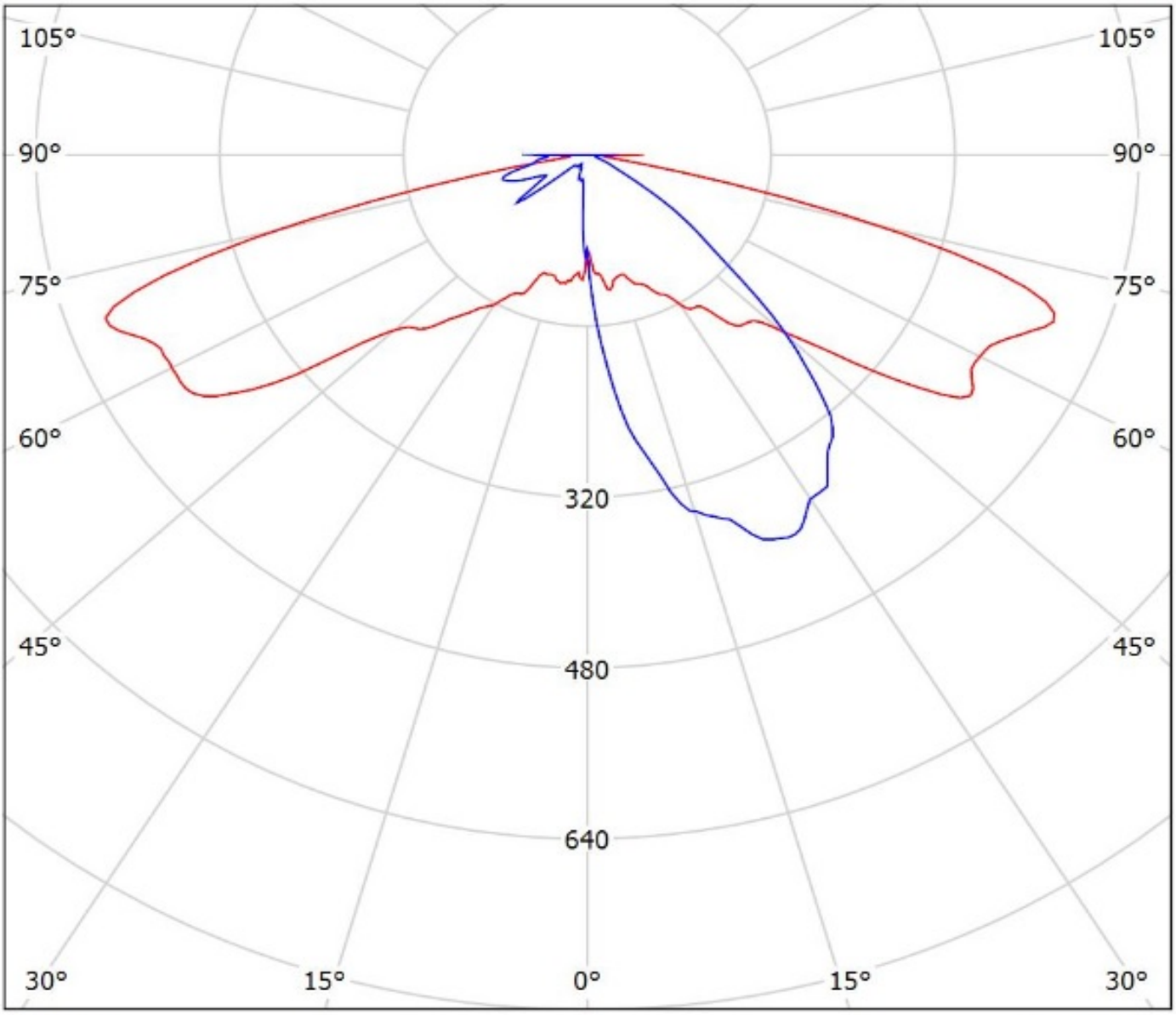


cd/klm

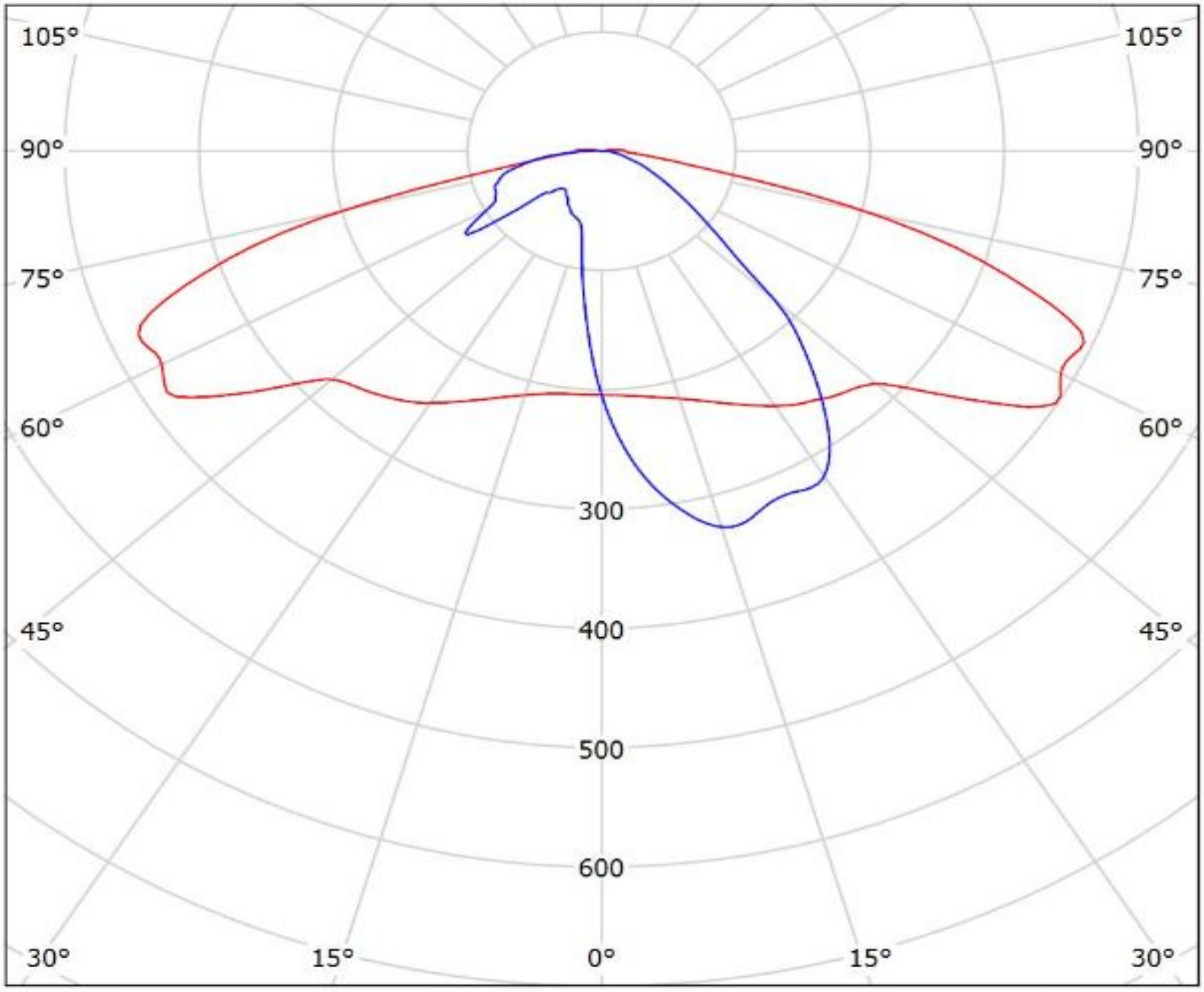
η = 94%

C0 - C180 C90 - C270

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

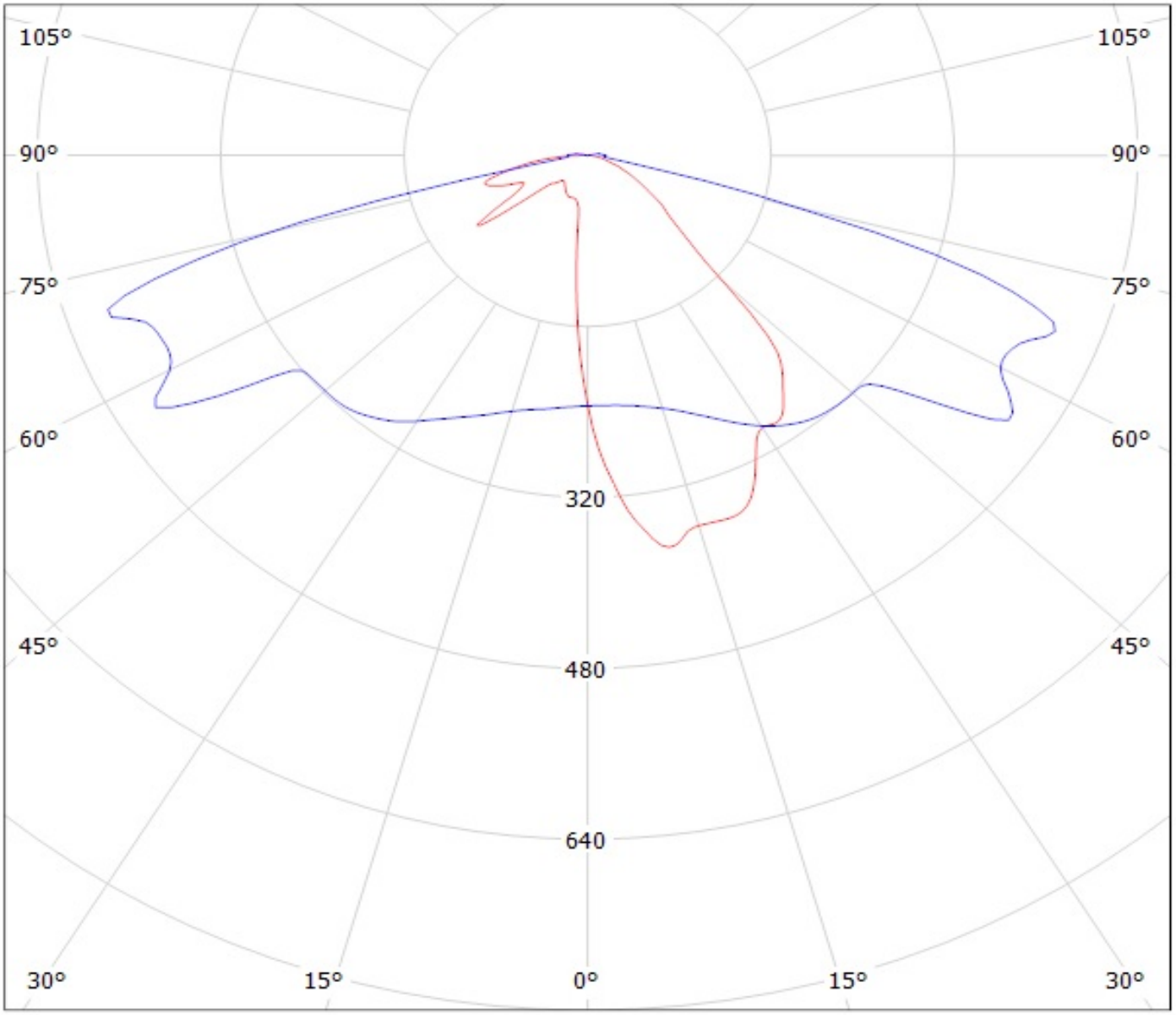


cd/klm

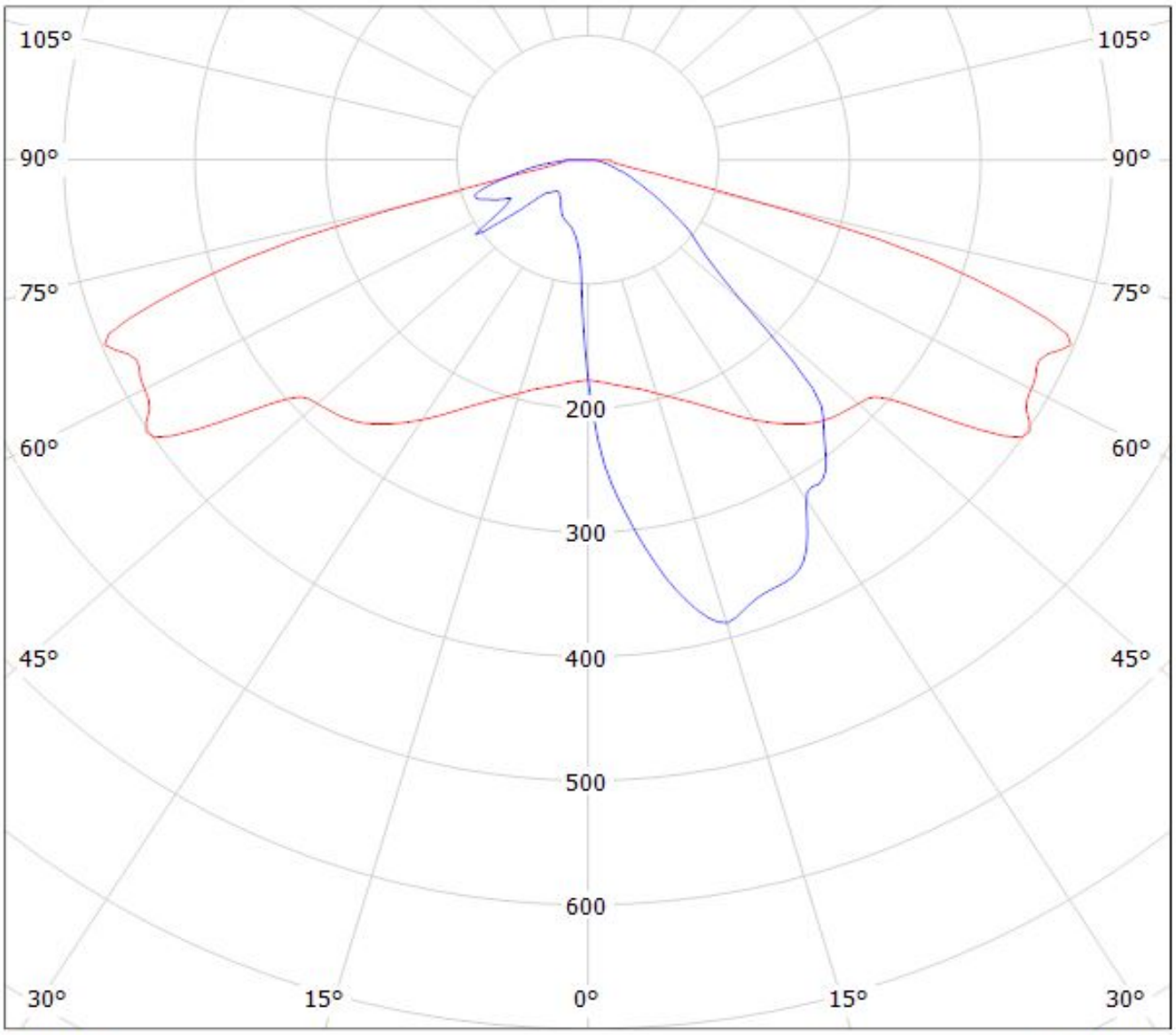
η = 96%

C0 - C180 C90 - C270

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

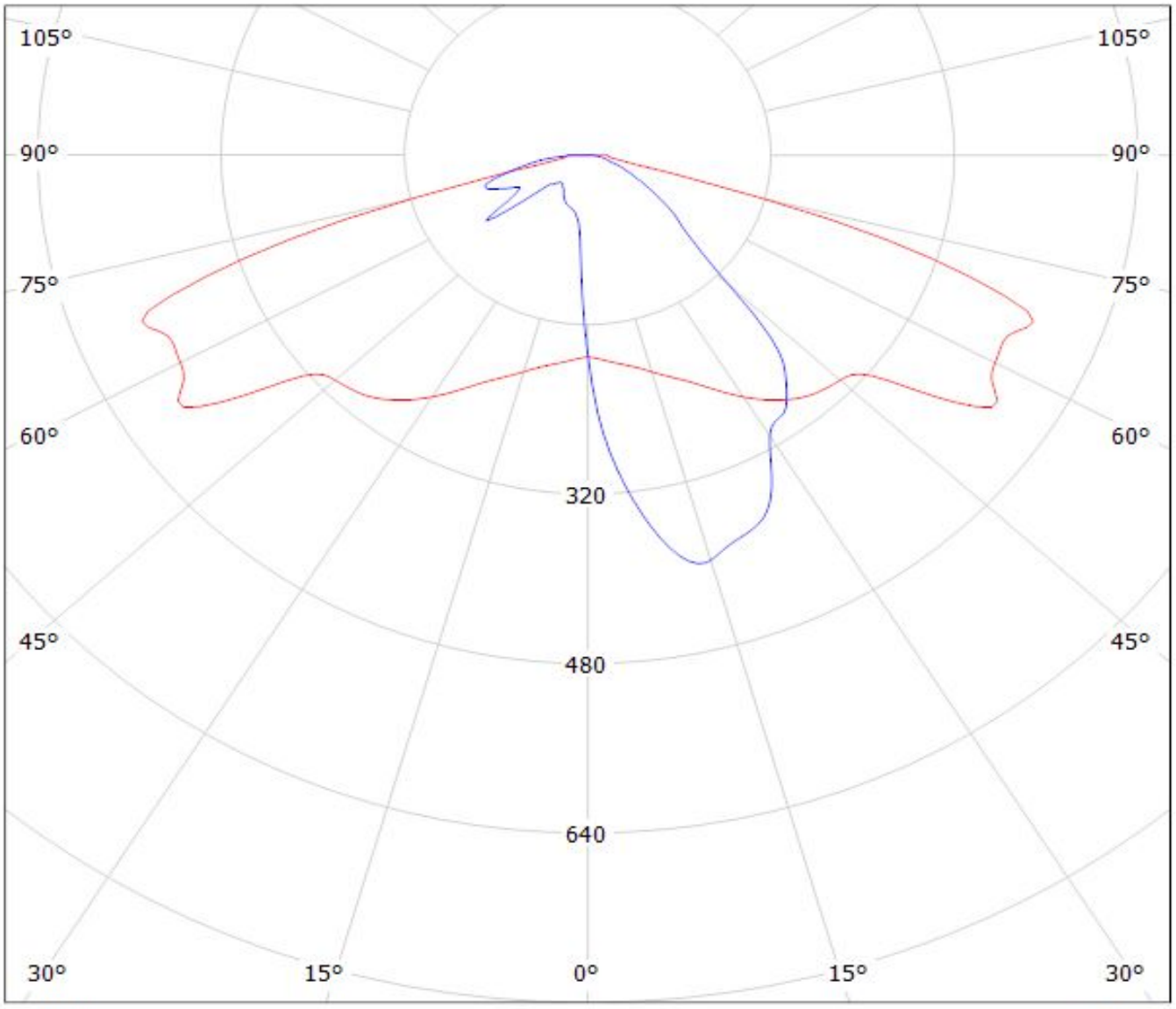


cd/klm

η = 92%

C0 - C180 C90 - C270

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

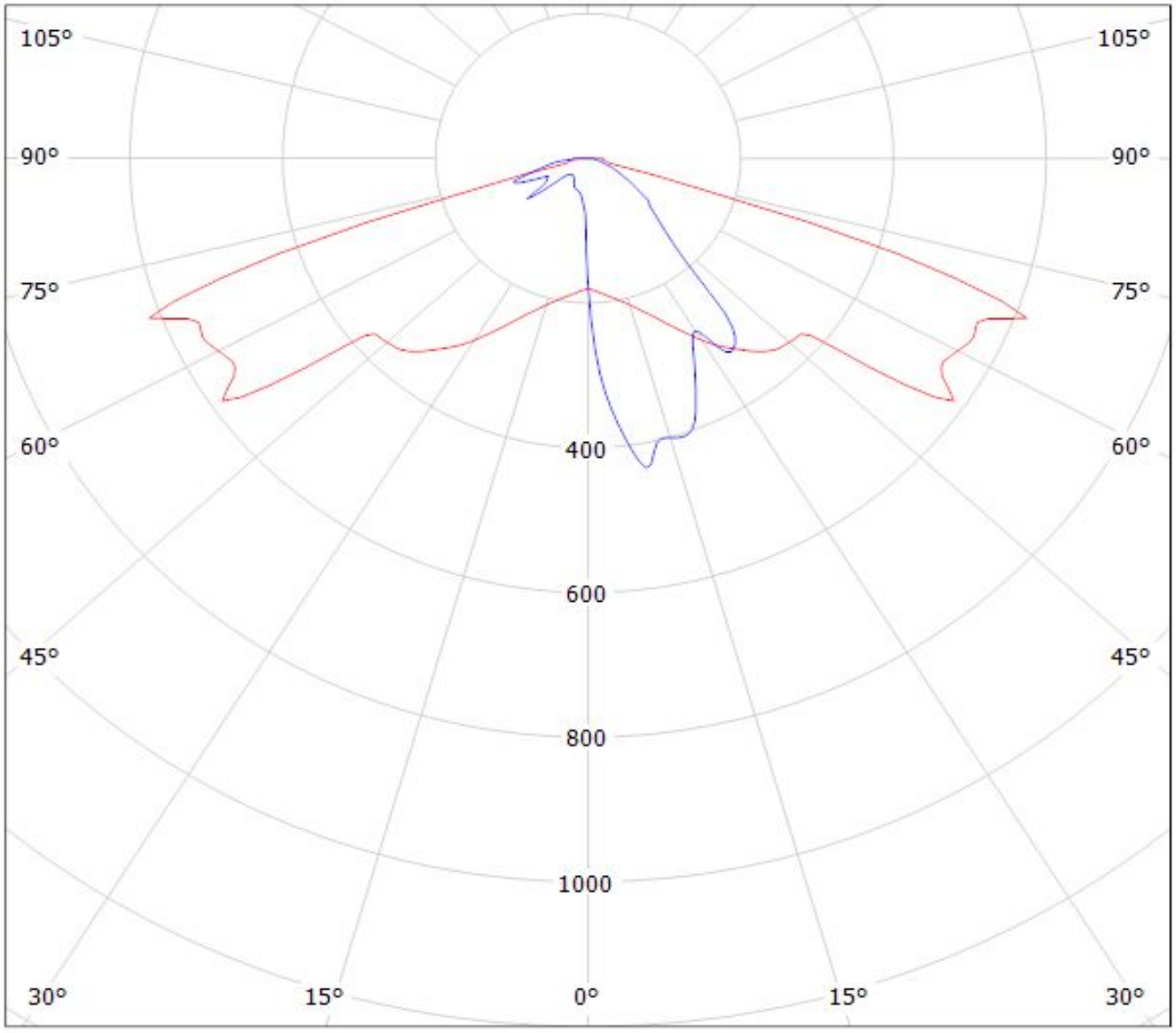


cd/klm

η = 94%

C0 - C180 C90 - C270

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

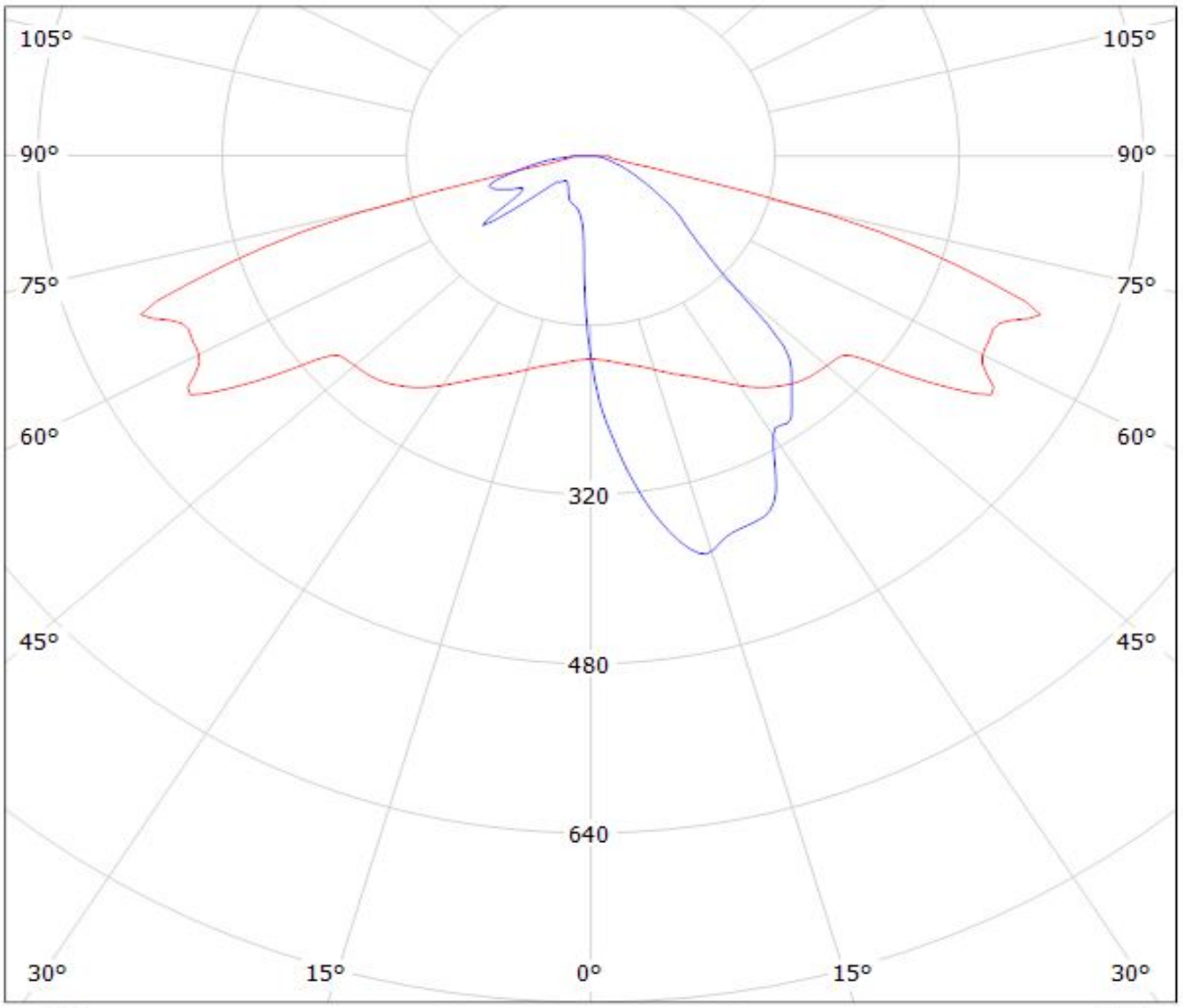


cd/klm

η = 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

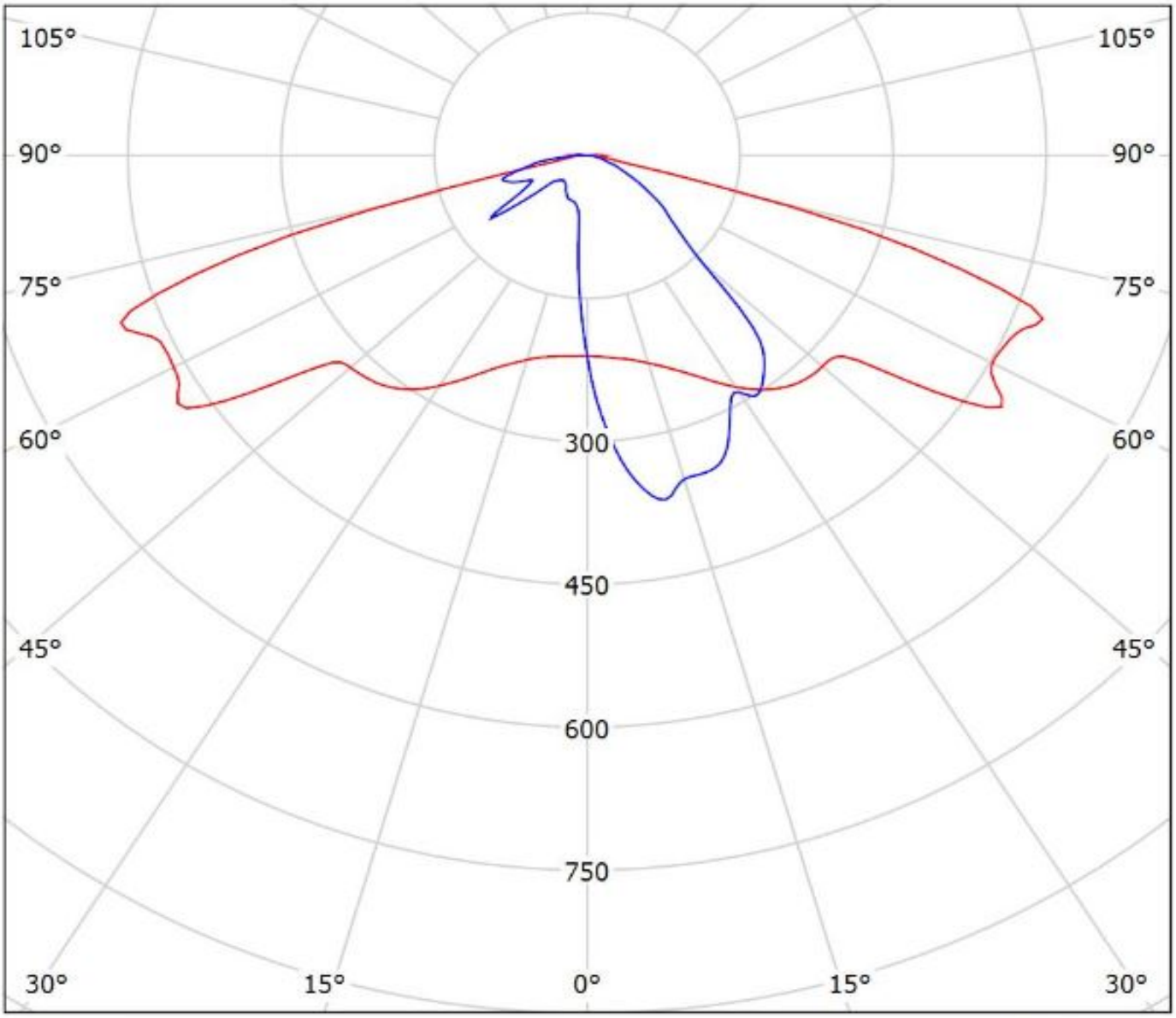


cd/klm

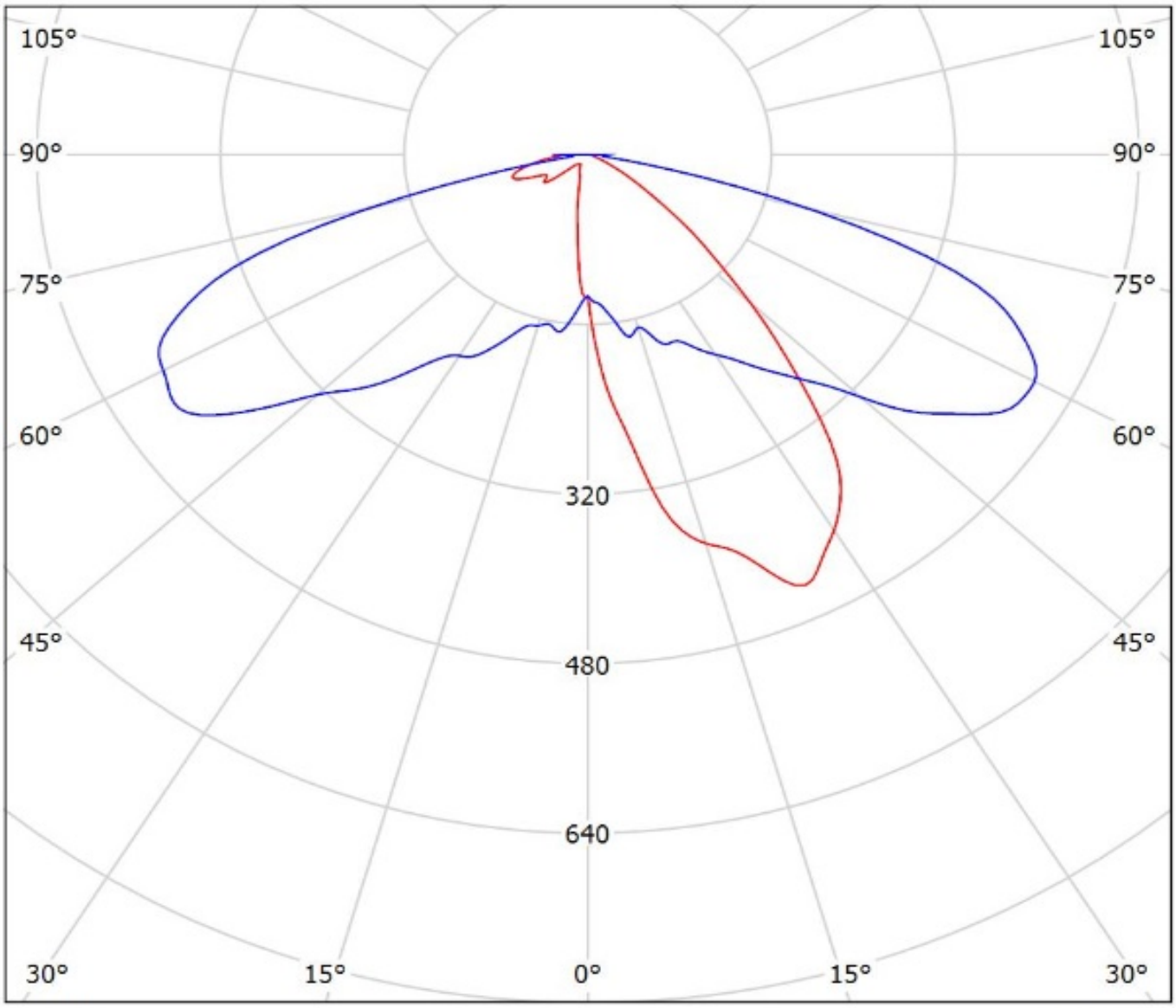
η = 92%

C0 - C180 C90 - C270

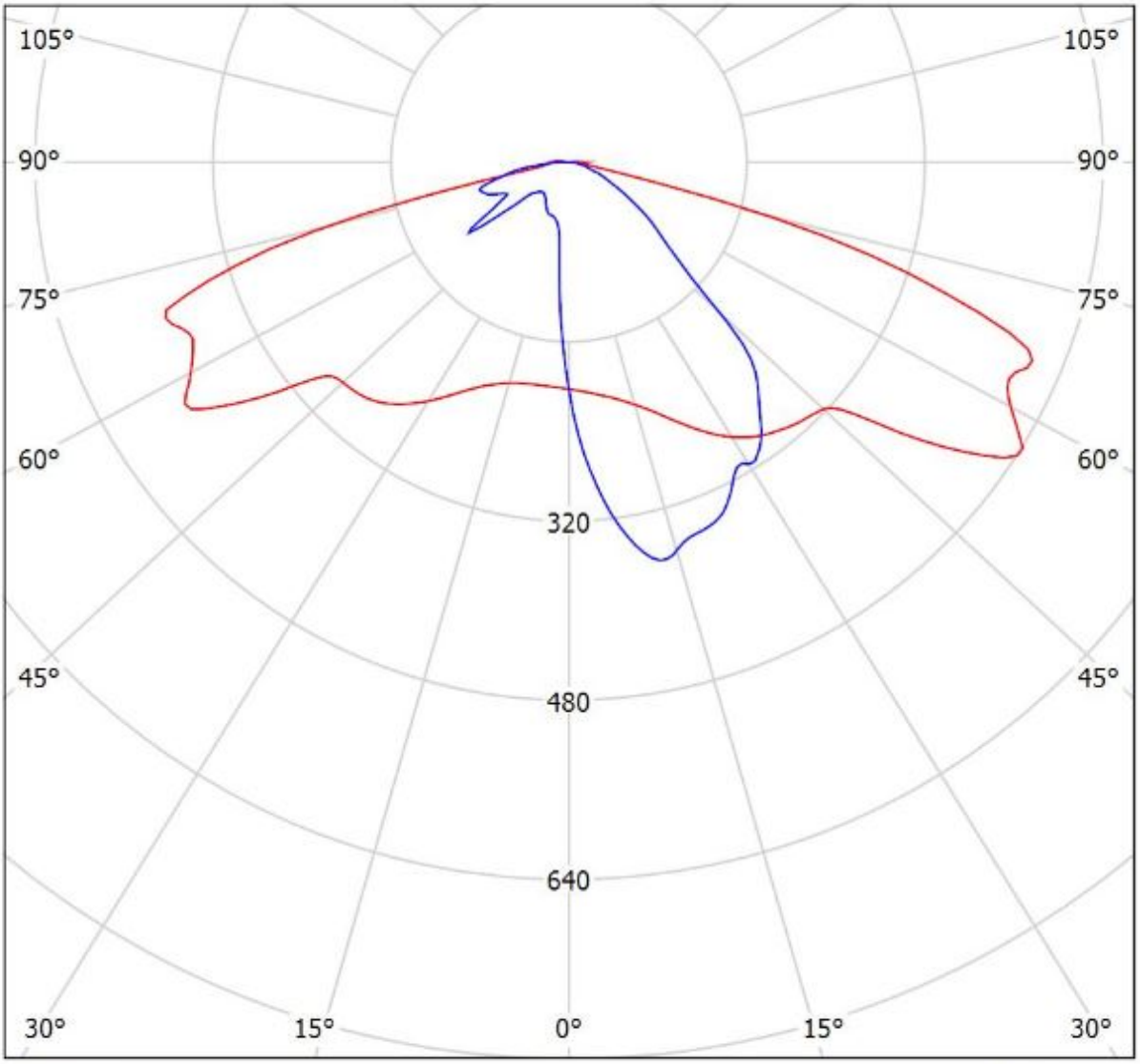
Luminaire: Ledil CS14055_STRADA-IP-2X6-T2_(XR-TX)
Lamps: 1 x Luxeon_XR-TX_1377.67lm@250mA_P=8.3973W_I=0.250A



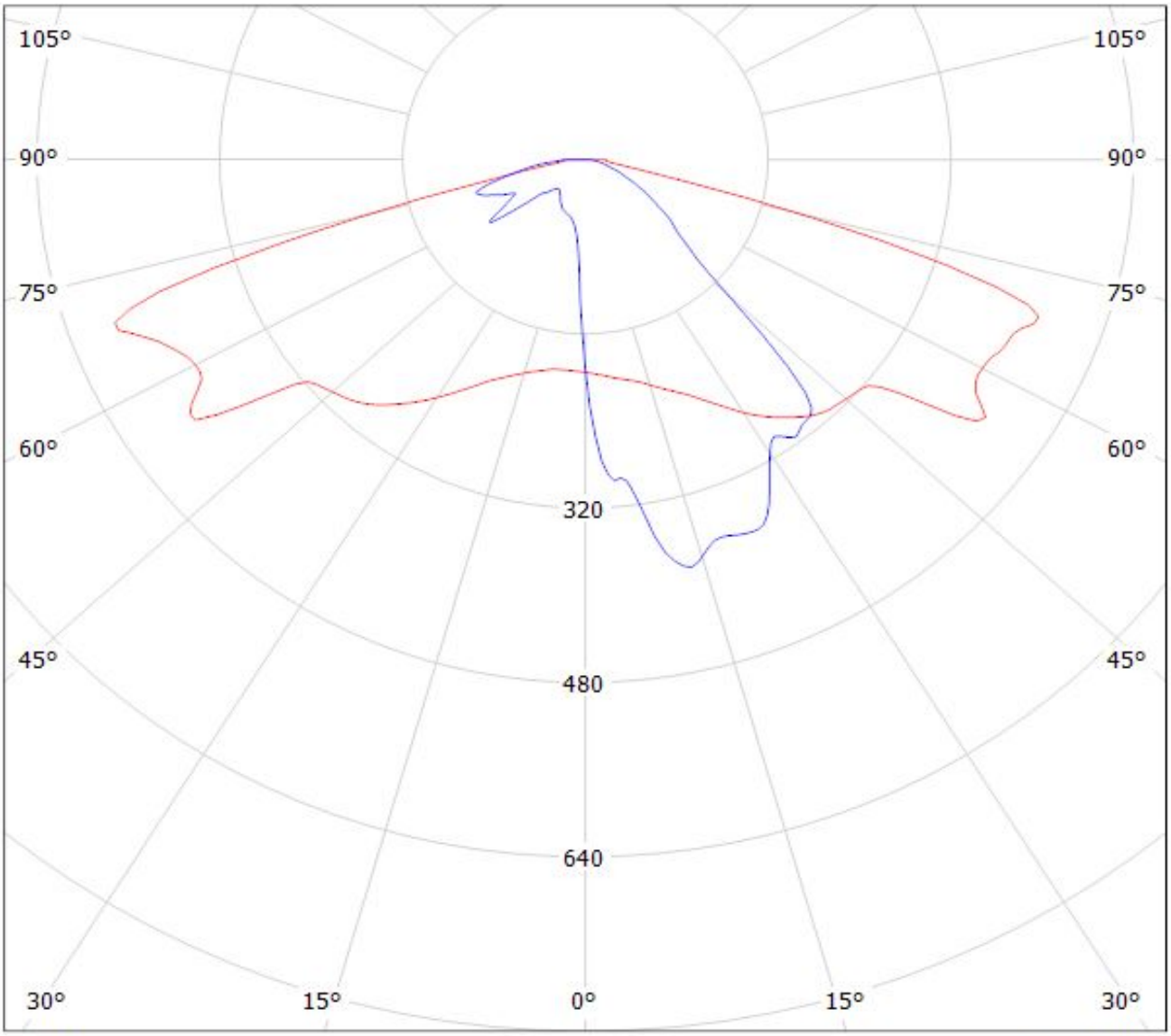
Luminaire: Ledil Oy CS14055_STRADA-IP-2X6-T2_LUXEON-5050_SIMULATED
Lamps: 1 x Lumileds Luxeon 5050



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 OSLON_SQUARE_PC_1138.9lm@250mA_P=8.72152W_I=249.8mA

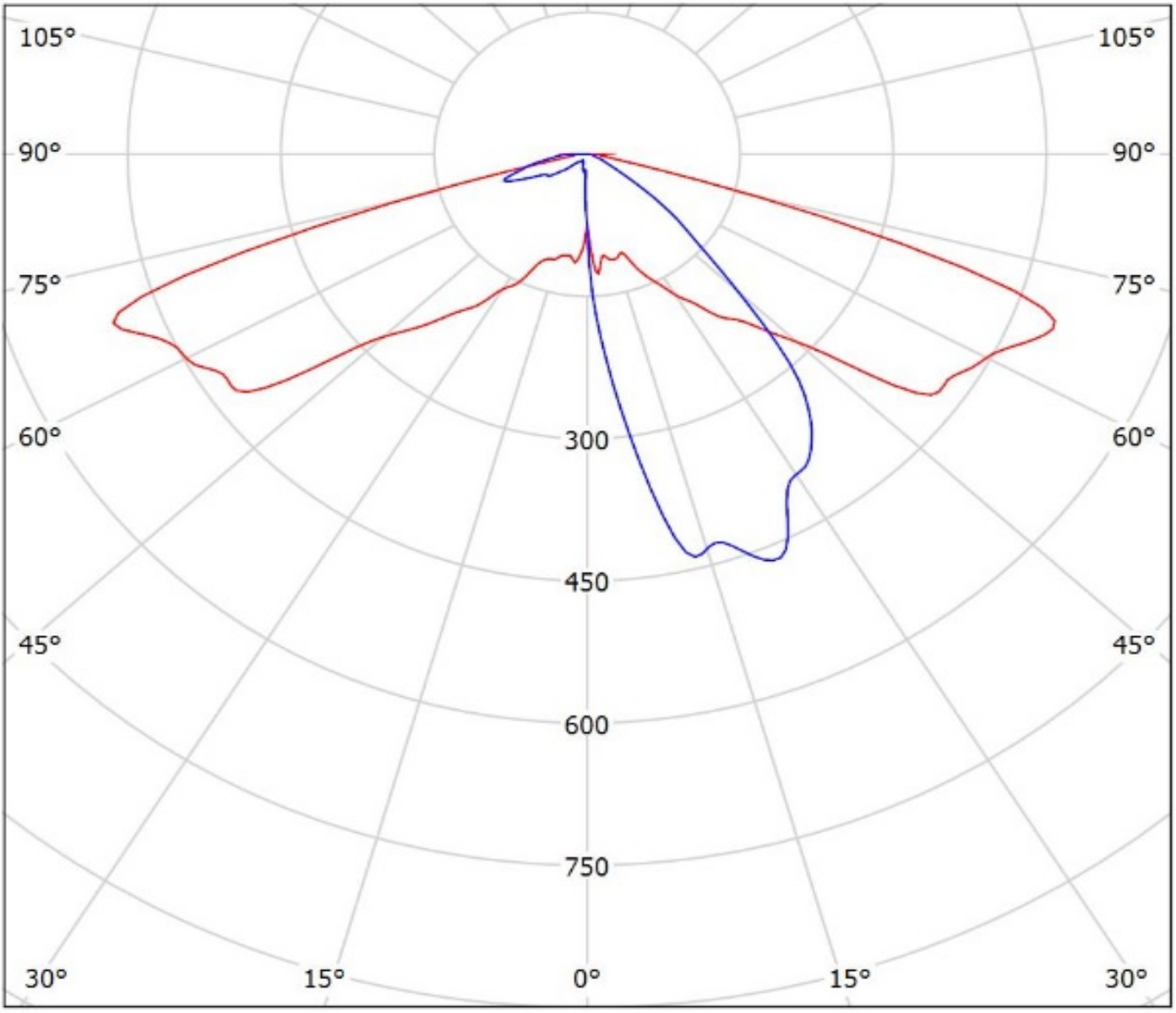


cd/klm

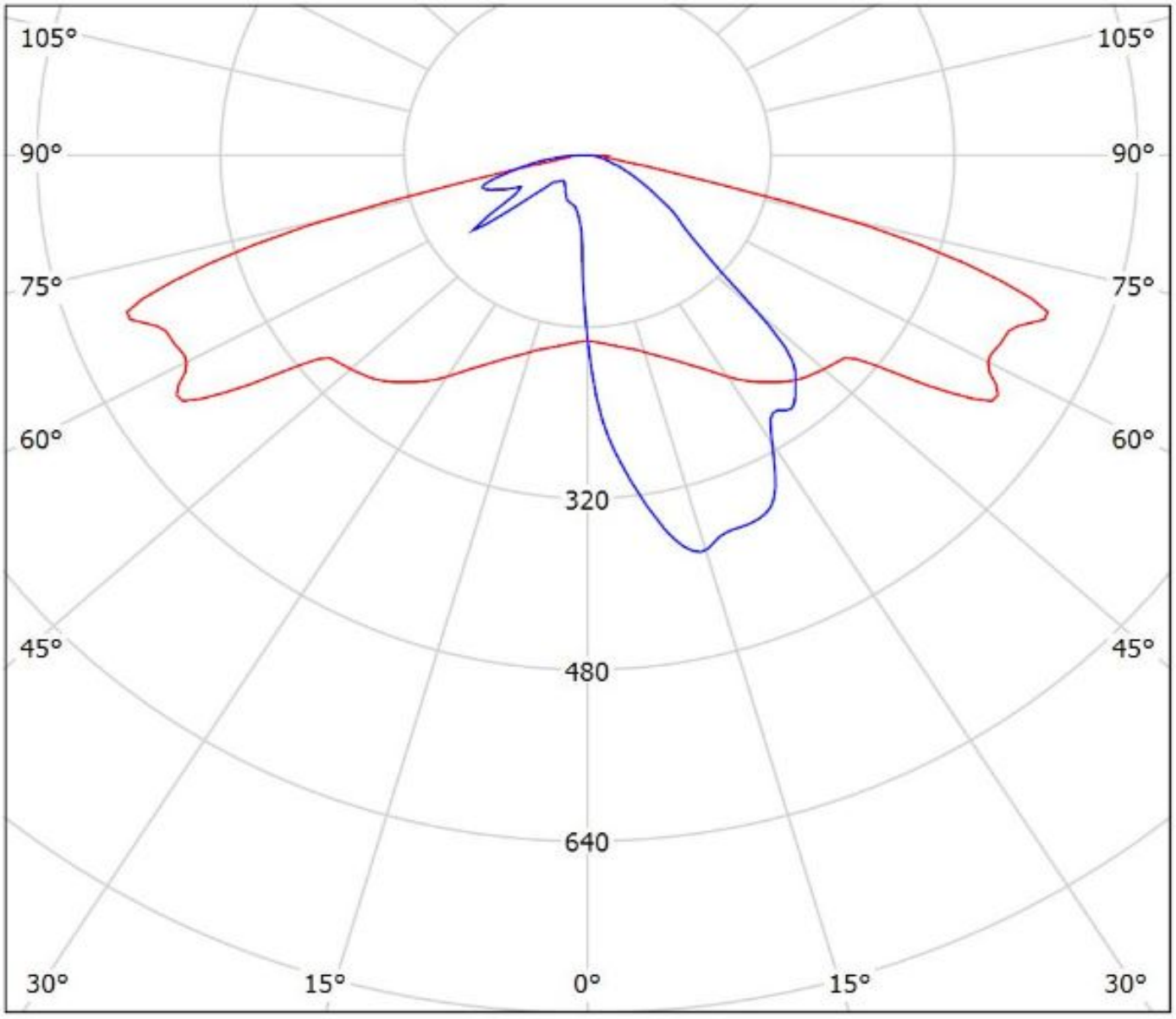
η = 94%

C0 - C180 C90 - C270

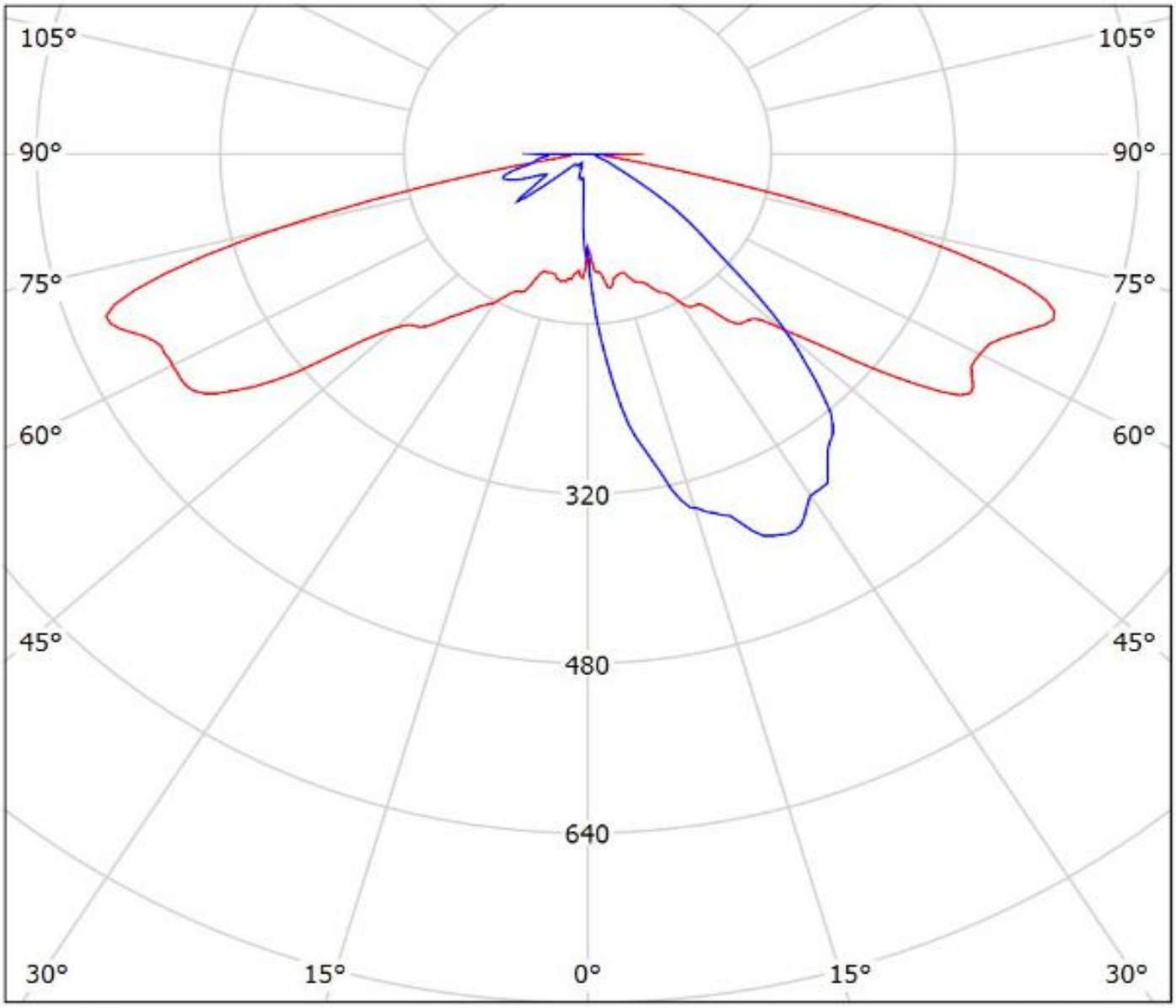
Luminaire: Ledil Oy CS14055_STRADA-IP-2X6-T2_(Duris_P8)_SIMULATED
Lamps: 1 x Osram Duris P8



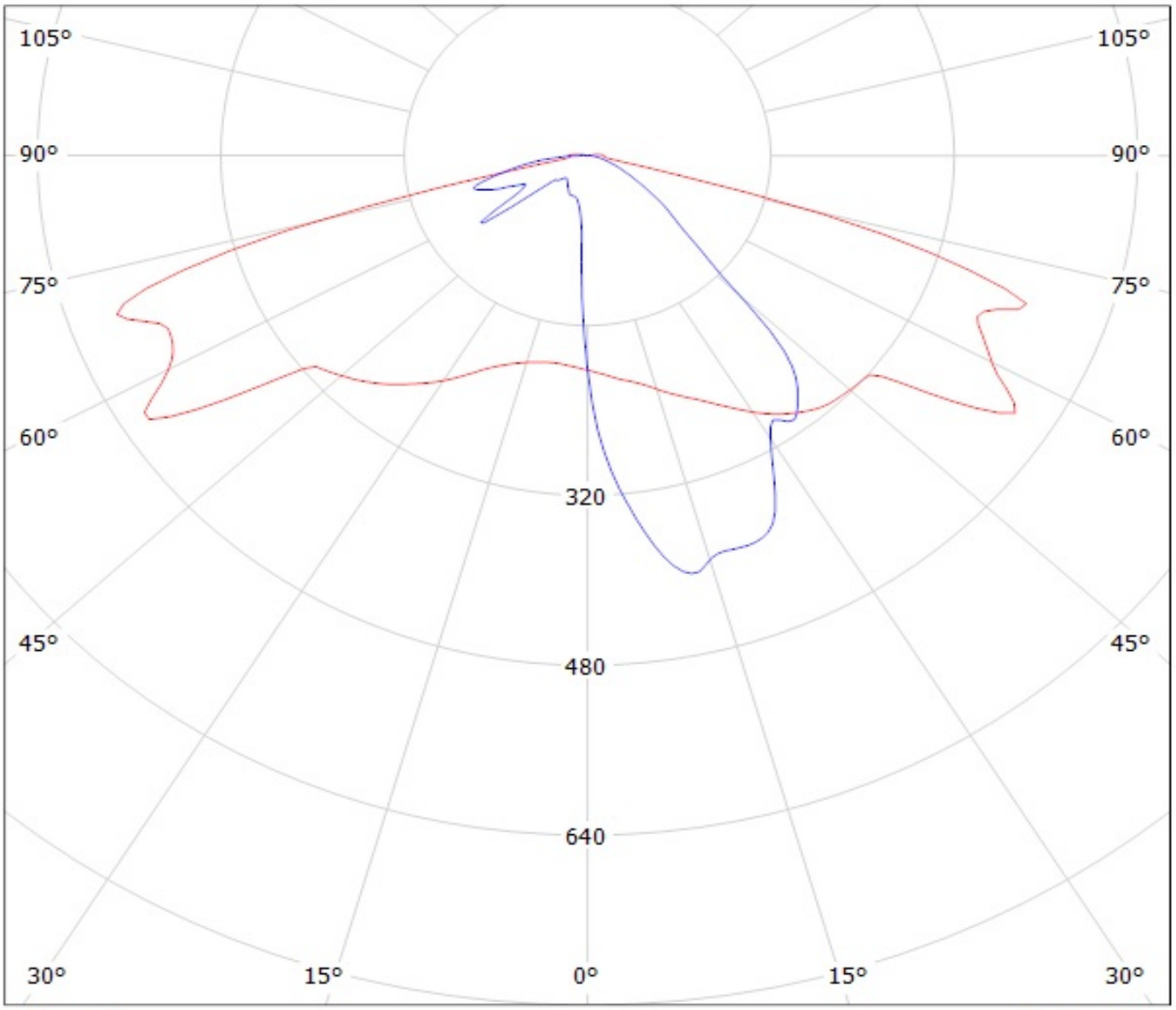
Luminaire: LEDiL Oy CS14055_STRADA-IP-2X6-T2_Fortimo FastFlex LED board 2x6 DP G4
Lamps: 1 x Fortimo FastFlex LED board 2x6 DP G4



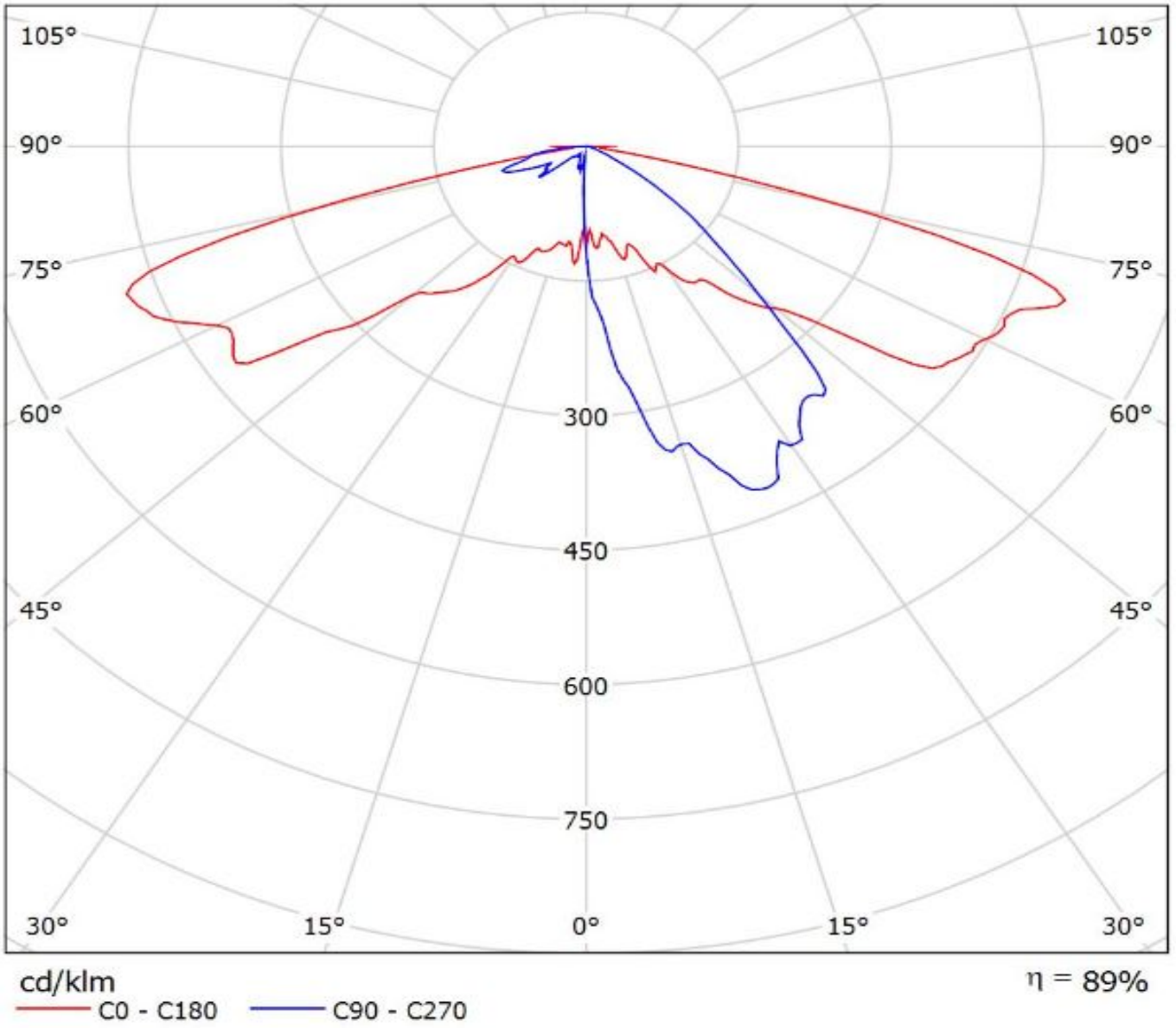
Luminaire: Ledil Oy CS14055_STRADA-IP-2X6-T2_Fortimo FastFlex LED board 2x6 DPX G4
Lamps: 1 x Fortimo FastFlex LED board 2x6 DPX G4



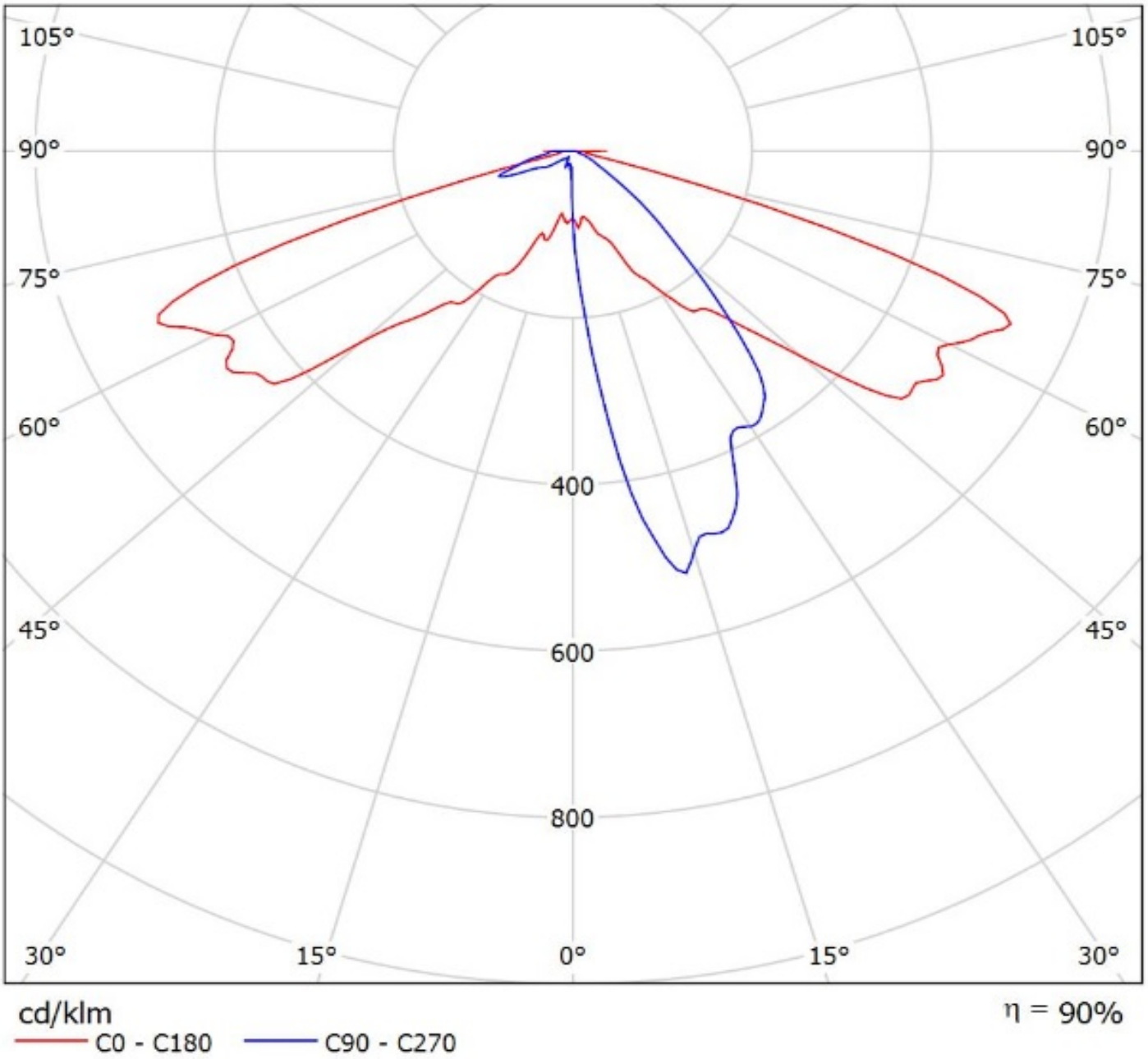
Luminaire: LEDiL Oy CS14055_STRADA-IP-2X6-T2_(LH351Z)
Lamps: 1 x SAMSUNG_LH351Z_2x6_956.95lm@250mA_P=8.67003W_I=249.9mA



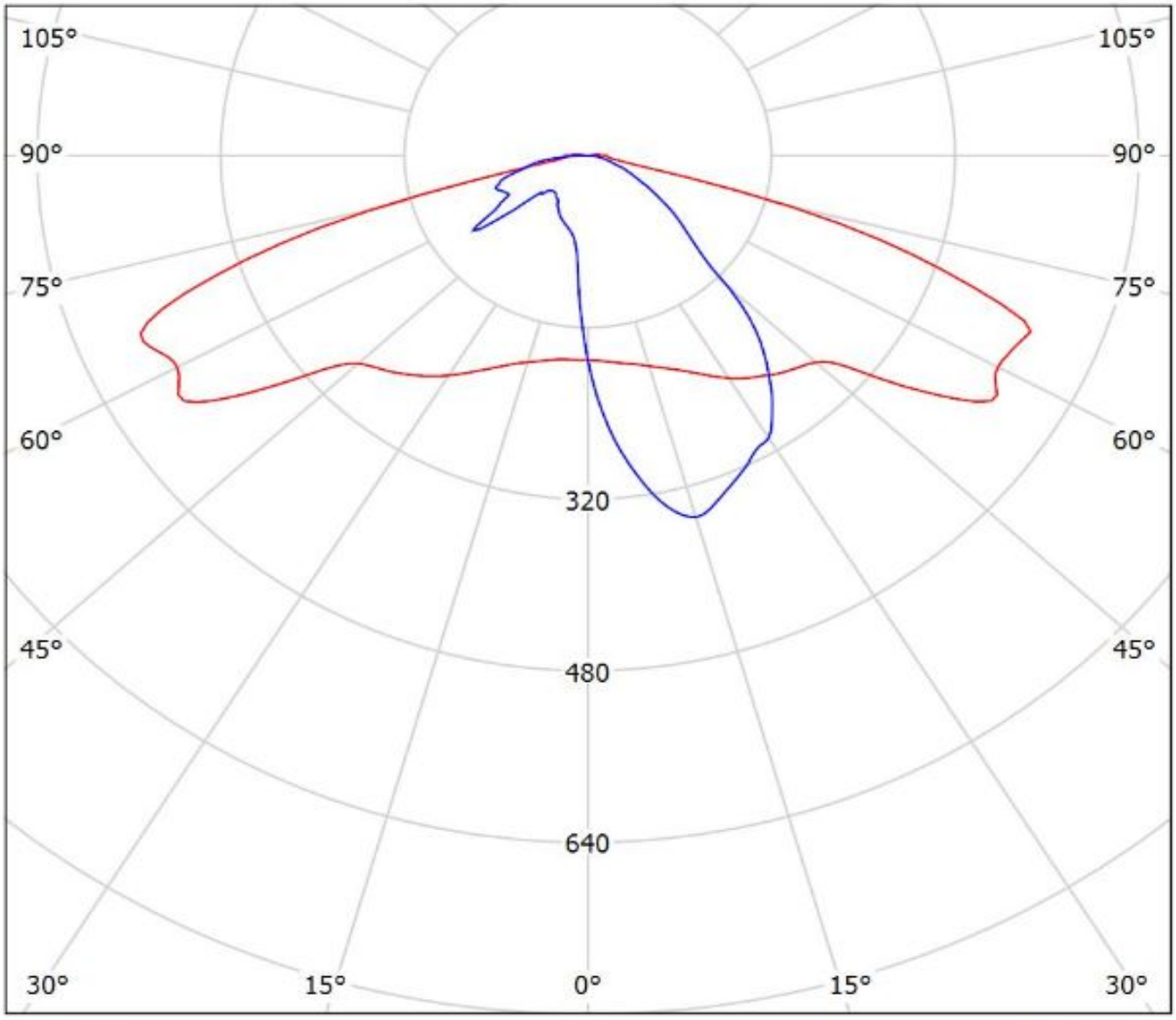
Luminaire: Ledil Oy CS14055STRADA-IP-2X6-T2
Lamps: 1 x SEOUL_Z5M



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

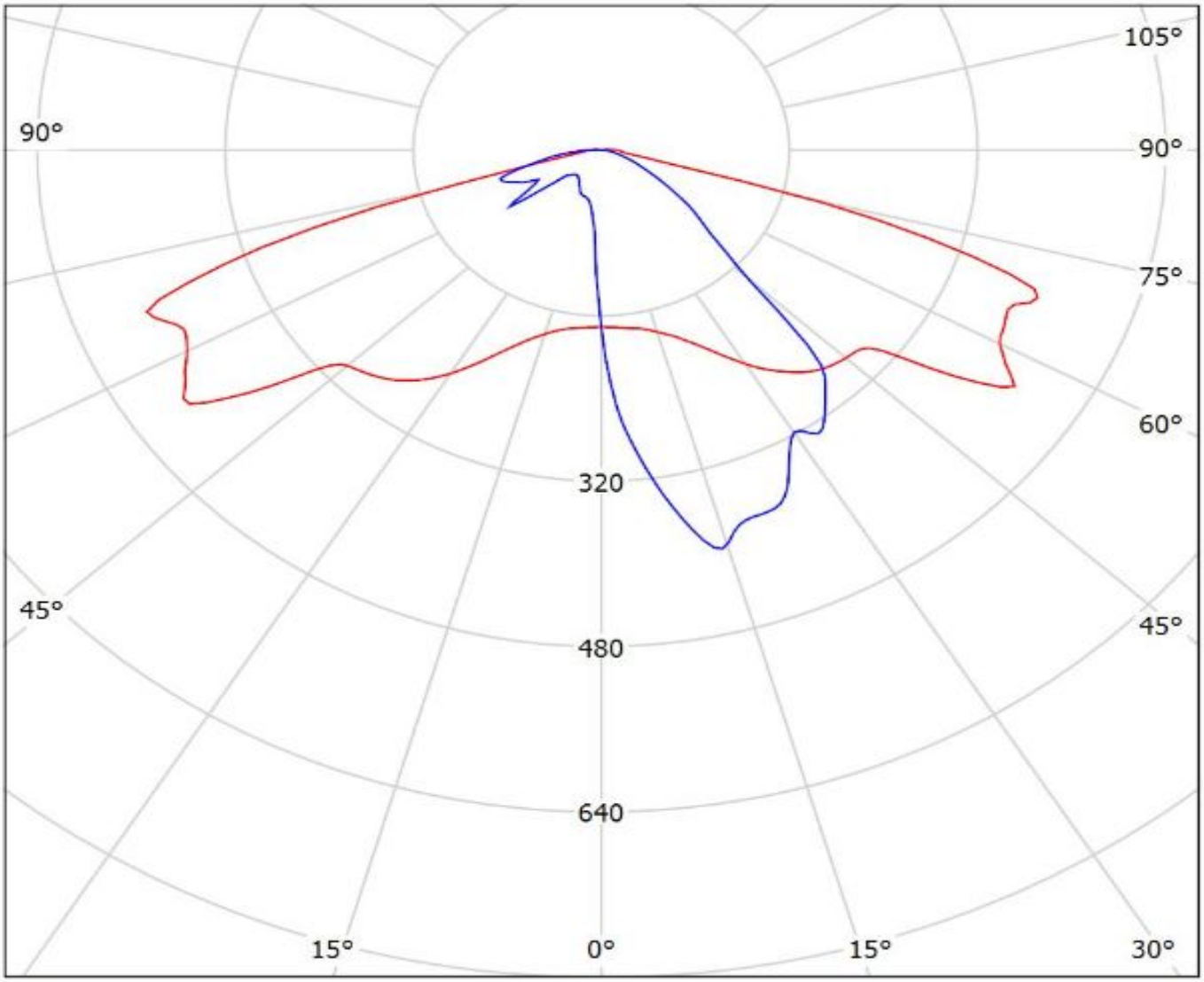


Luminaire: Ledil CS14055_STRADA-IP-2X6-T2_(Z8Y22_PLUS)
Lamps: 1 x Seoul_Z8Y22_PLUS_2X6_(SZ8-Y22-W0-C7P)1489.65lm@250mA_P=8.30675W_I=0.250A



cd/klm
η = 96%
C0 - C180
C90 - C270

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.