PRODUCT DATASHEET
Strada series
last update 24/5/2017

DETAILS

Product Number	CS15158_STRADA-IP-2X6-T4-B
Family	Strada
Type	Assembly
Color	clear
Diameter	71,4x173 mm
Height	10,57 mm
Style	rectang
Optic Material	PMMA
Holder Material	
Fastening	screw
Status	production ready
ROHS Comliant	Yes
Date Updated	24/05/2017

OPTICAL PROPERTIES

LED	Viewing Angle	Light Beam	Effi-ciency	cd/lm	Connector
SMD 5050	Asymmetric deg	Asymmetric	94 %	0.500	-
XT-E	Asymmetric deg	Asymmetric	93 %	0.930	-
XM-L2	sim: Asymmetric	Asymmetric	sim: 92 %	-	-
XP-G2	Asymmetric deg	Asymmetric	92 %	1.000	-
XP-L	Asymmetric deg	Asymmetric	90 %	0.640	-
XHP35 HD	sim: Asymmetric	Asymmetric	sim: 90 %	-	-
XHP35 HI	sim: Asymmetric	Asymmetric	sim: 93 %	-	-
XP-L HI	sim: Asymmetric	Asymmetric	sim: 93 %	-	-
XP-G3	sim: Asymmetric	Asymmetric	sim: 81 %	sim: 0.720	-
XP-L2	Asymmetric deg	Asymmetric	94 %	0.590	-
H35C1 (LEMWA33)	Asymmetric deg	Asymmetric	92 %	0.910	-
LUXEON TX	sim: Asymmetric	Asymmetric	sim: 92 %	-	-
LUXEON T	Asymmetric deg	Asymmetric	92 %	0.950	-
LUXEON 5050	sim: Asymmetric	Asymmetric	sim: 83 %	sim: 0.510	-
NCSxx19B	sim: Asymmetric	Asymmetric	sim: 92 %	-	-
NVSxx19B/NVSxx19C	sim: Asymmetric	Asymmetric	sim: 93 %	-	-
Oslon Square PC	sim: Asymmetric	Asymmetric	sim: 93 %	-	-
Duris S8	sim: Asymmetric	Asymmetric	sim: 94 %	-	-
Oslon Square Gen3	sim: Asymmetric	Asymmetric	sim: 94 %	-	-
Fortimo FastFlex LED board 2x6 DP G4	Asymmetric deg	Asymmetric	92 %	1.000	-
Fortimo FastFlex LED board 2x6 DPX G4	sim: Asymmetric	Asymmetric	sim: 81 %	sim: 0.720	-
LH351B	sim: Asym	Asymmetric	sim: 88 %	sim: 0.690	-
Z5M1/Z5M2	sim: Asymmetric	Asymmetric	sim: 85 %	sim: 1.100	-
Z8Y22P	Asymmetric deg	Asymmetric	94 %	0.800	-

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Salorankatu 10
24240 SALO, Finland

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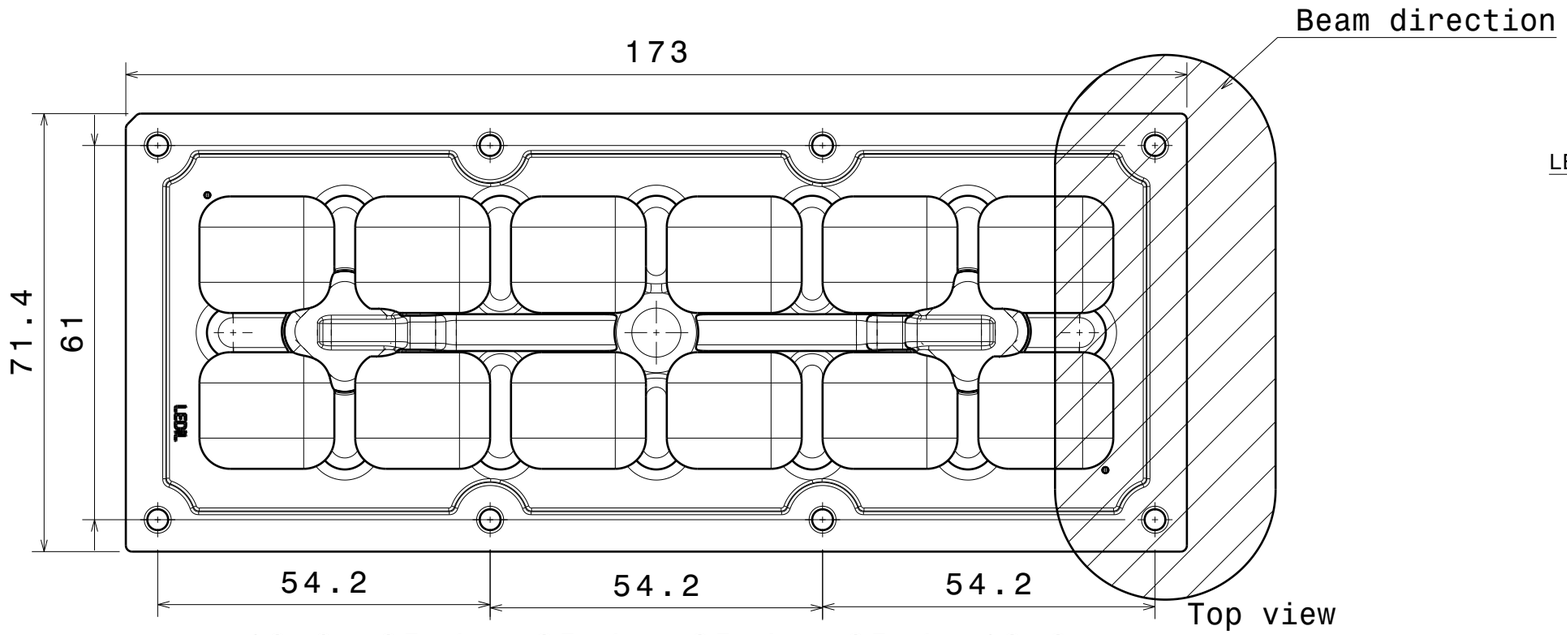
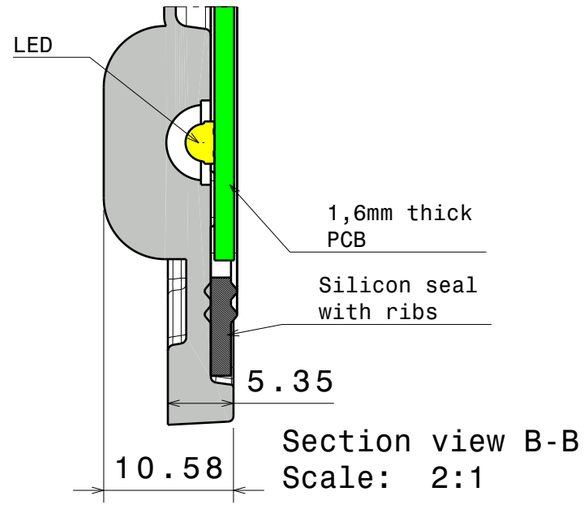
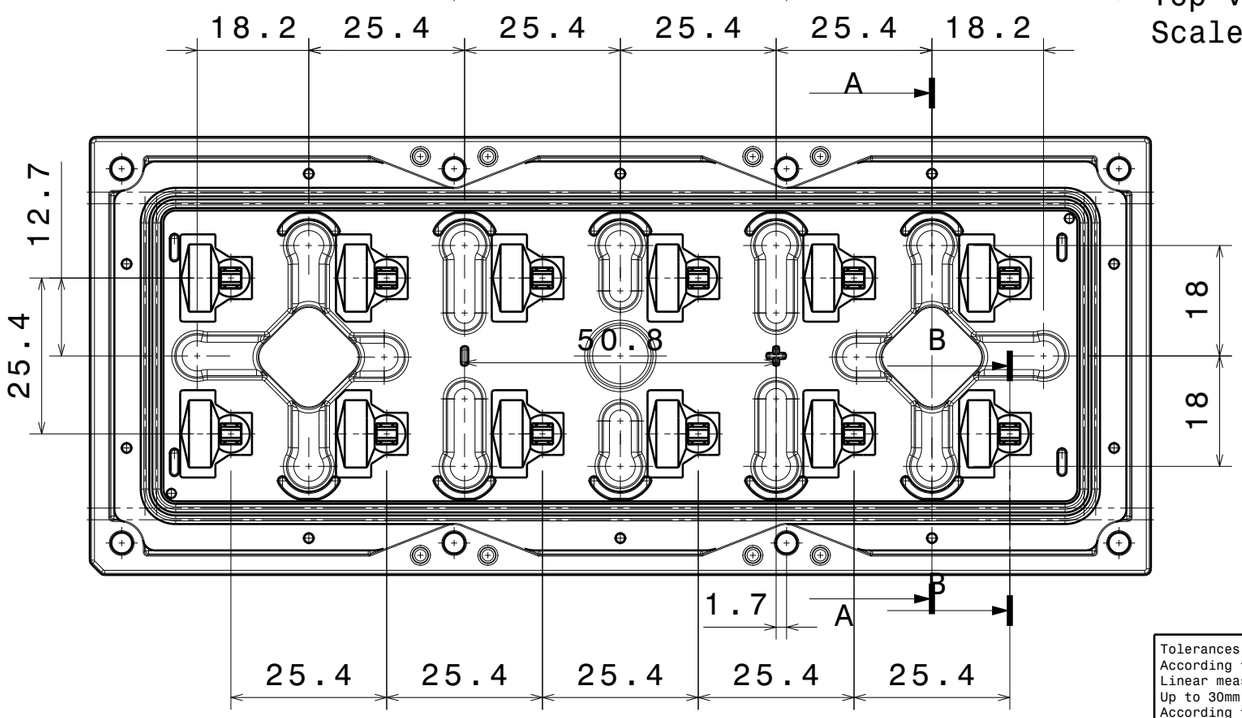
email: ledil@ledil.com
FAX: +358-2-733 8001



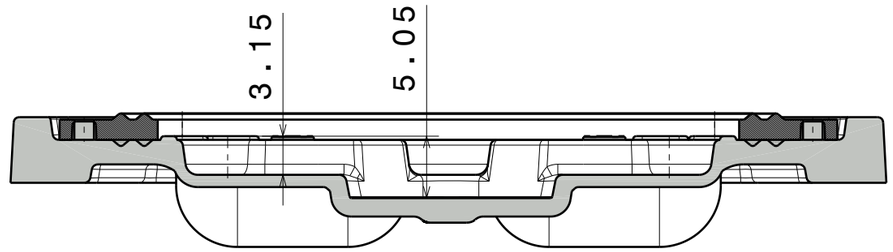
Top view
Scale: 1:1



Section view B-B
Scale: 2:1



Bottom view
Scale: 1:1



Pockets for wiring and screws

Section view A-A
Scale: 2:1

INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	C14018	2X6-SEAL25	Silicone	white
2	C15160	STRADA-IP-2X6-T4-B	PMMA	clear

Tolerances if not otherwise shown
According to DIN ISO 2768-1
Linear measures:
Up to 30mm class M, otherwise class C.
According to DIN ISO 2768-2
Form and position: class L

THIRD ANGLE PROJECTION:

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LEDiL
Ledil Oy
Salorankatu 10
FIN 24240 SALO
Finland

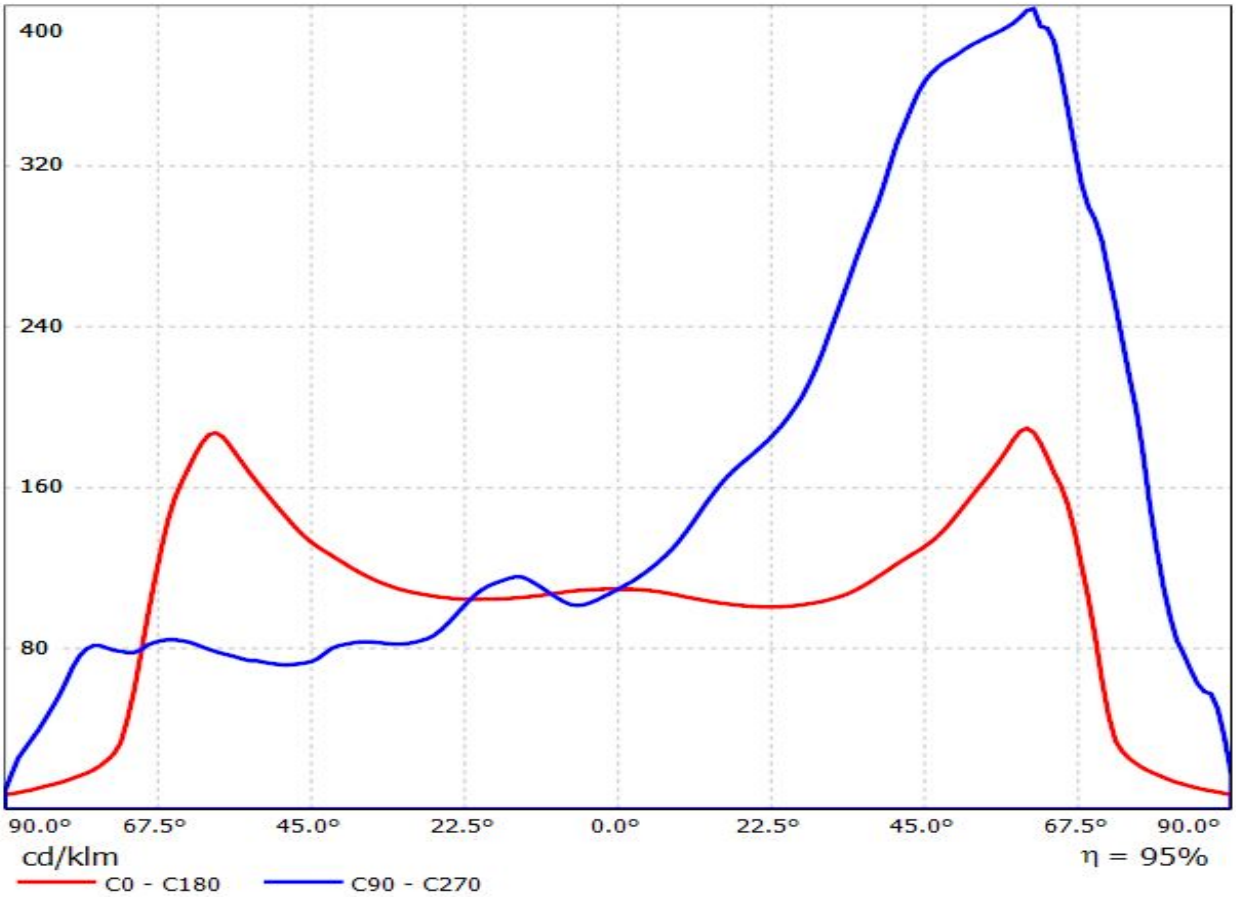
DRAWING TITLE
CS15158_STRADA-IP-2X6-T4-B

SIZE A3

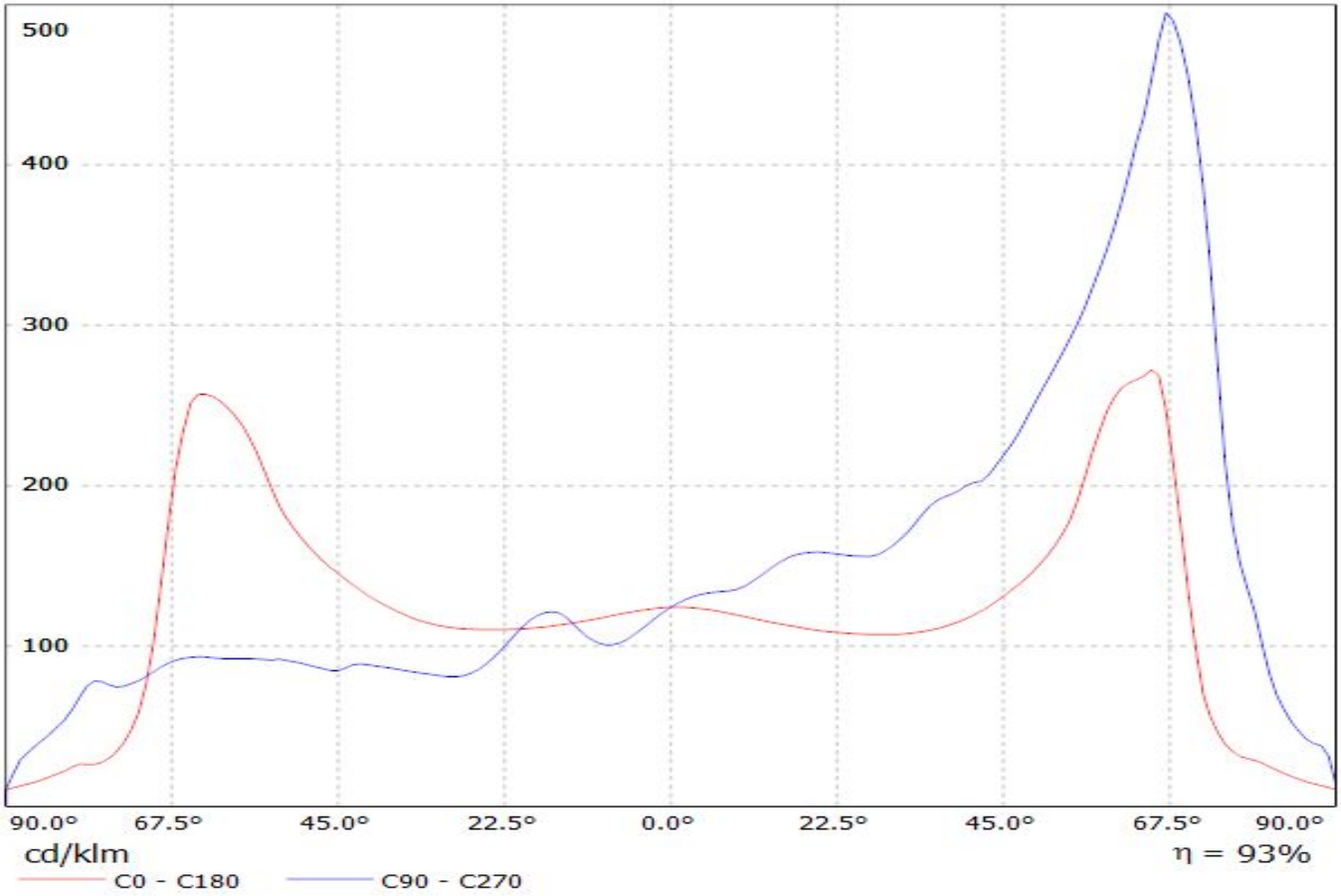
PART NUMBER CS15158

SCALE 1:1 | WEIGHT | SHEET 1/1

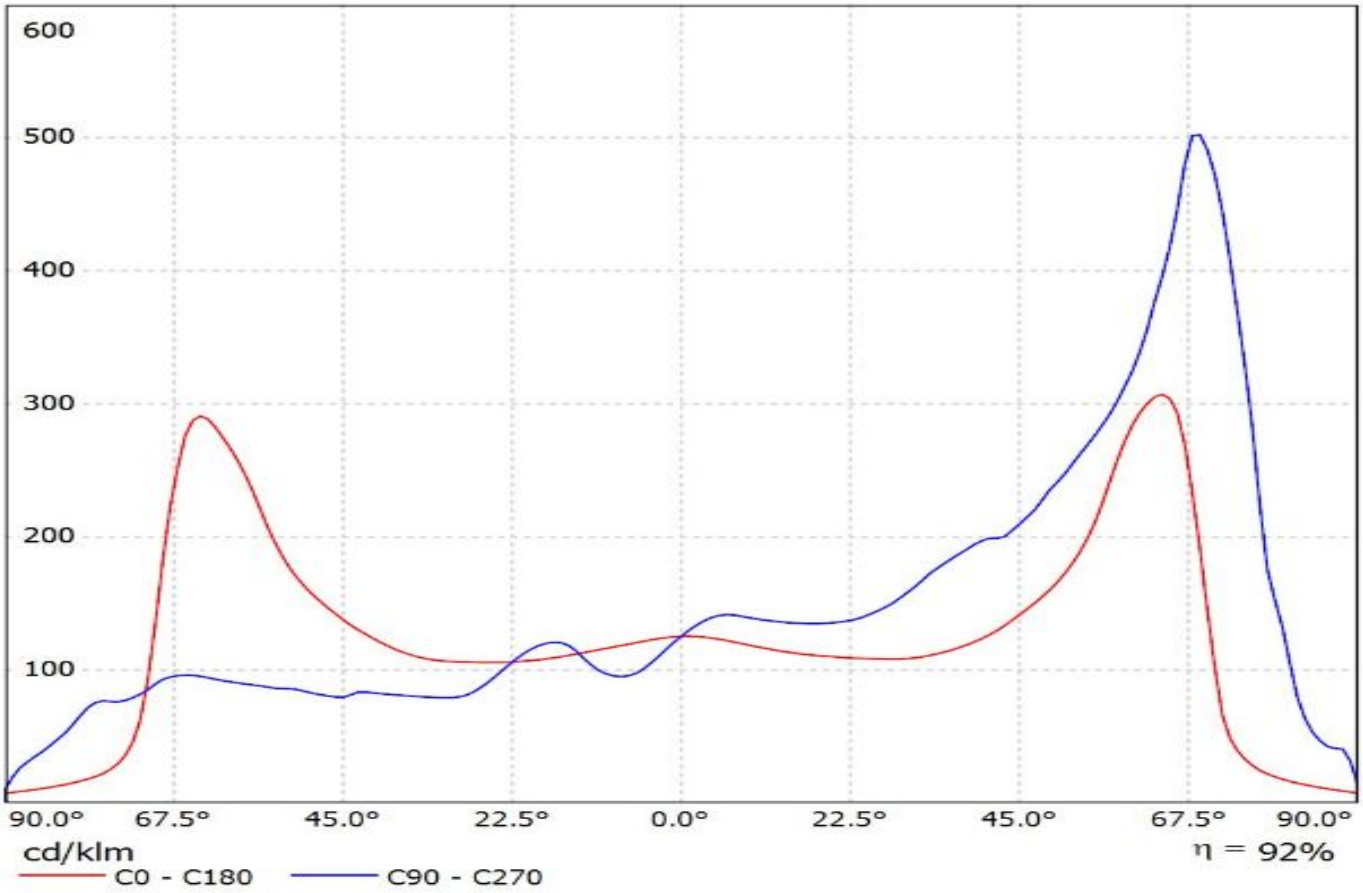
Luminaire: LEDiL Oy CS15158_STRADA-IP-2X6-T4-B_(Bridgelux_5050_Gen2)
Lamps: 1 x Bridgelux_5050_Gen2_2x6_(BXEP-57C-435-09B)_4268.87lm@250mA_CCT=5700K_P=24.6757W_I=0.25A



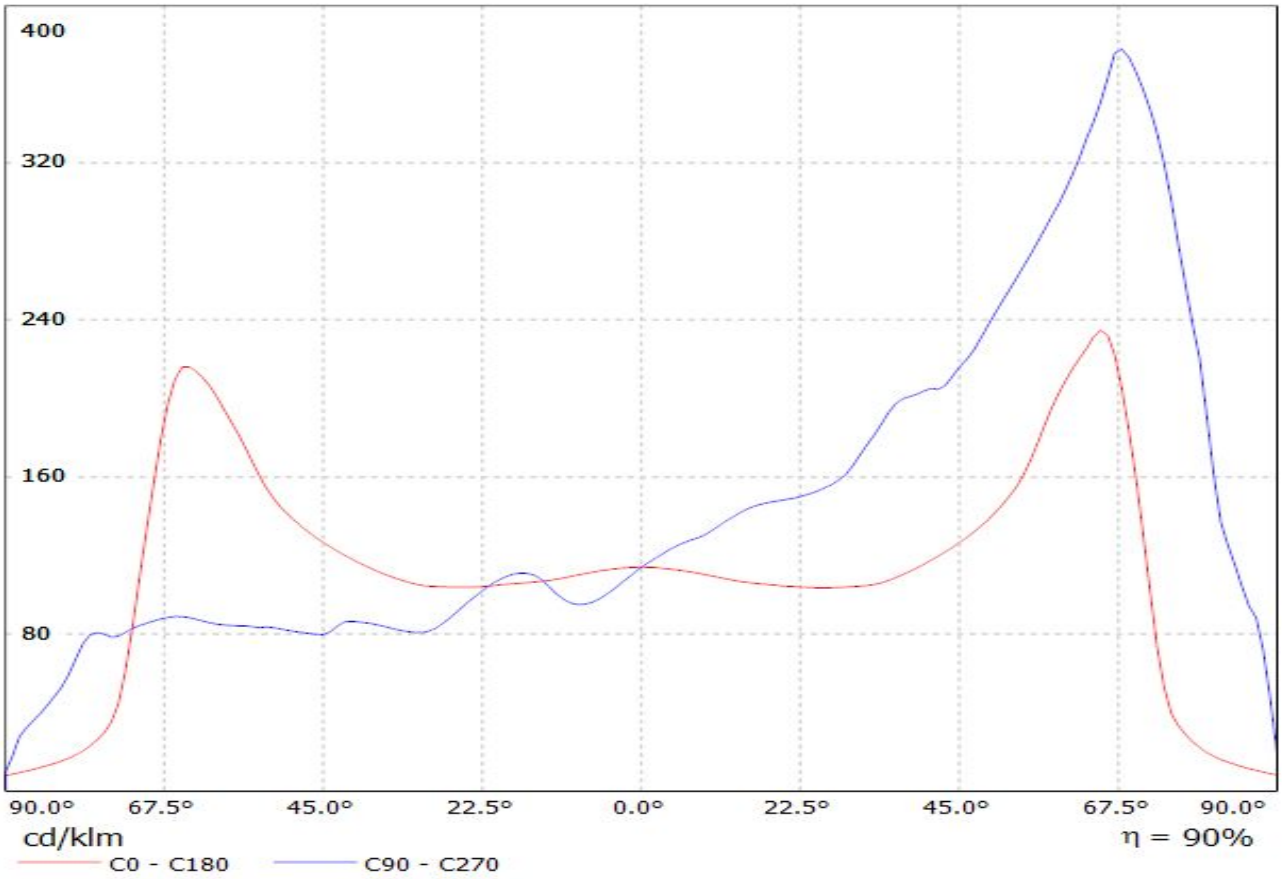
Luminaire: Ledil CS15158_STRADA-IP-2X6-T4-B_(XT-E)
Lamps: 1 x Cree_XT-E_1280.48lm@250mA_P=8.94575W_I=0.250A



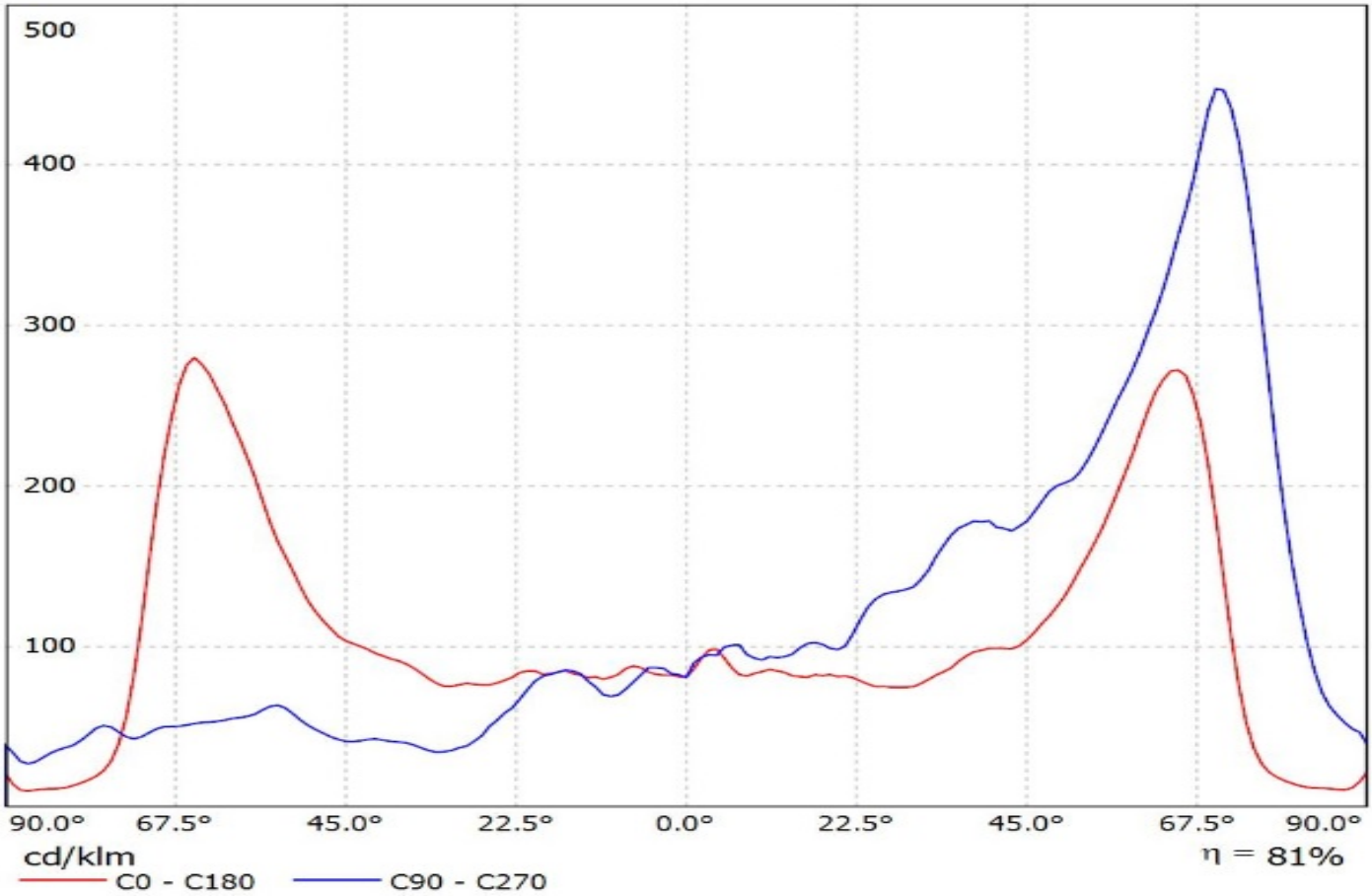
Luminaire: Ledil CS15158_STRADA-IP-2X6-T4-B_(XP-G2)_C1
Lamps: 1 x Cree_XP-G2_1264.35lm@250mA_P=8.6208W_I=0.250A



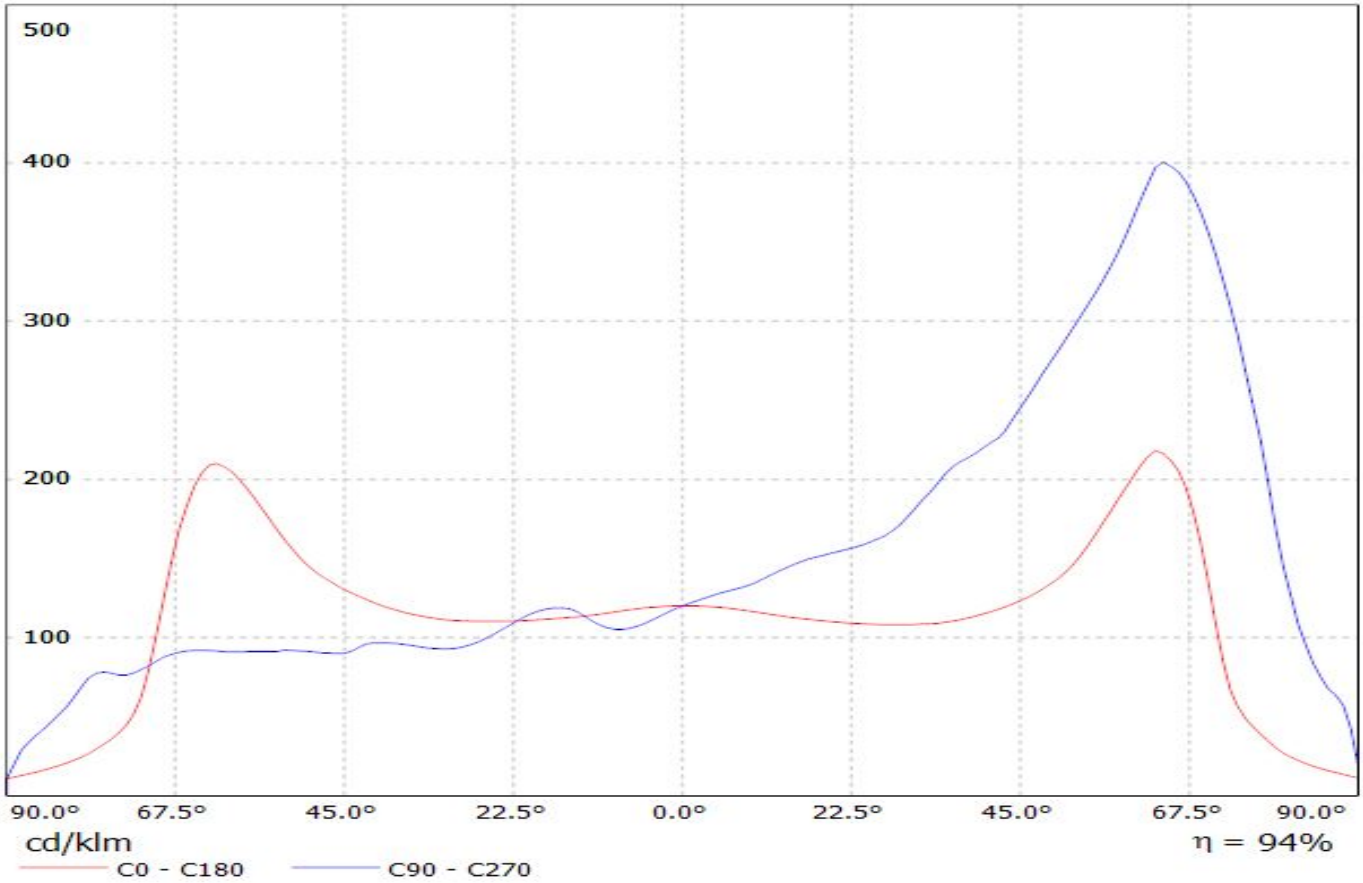
Luminaire: LEDiL Oy CS15158_STRADA-IP-2X6-T4-B_(XP-L)
Lamps: 1 x Cree_XP-L_(XPLAWT-0-7A3-U50-0H-0001)_1258.85lm@250mA_P=8.27562W_I=0.250A



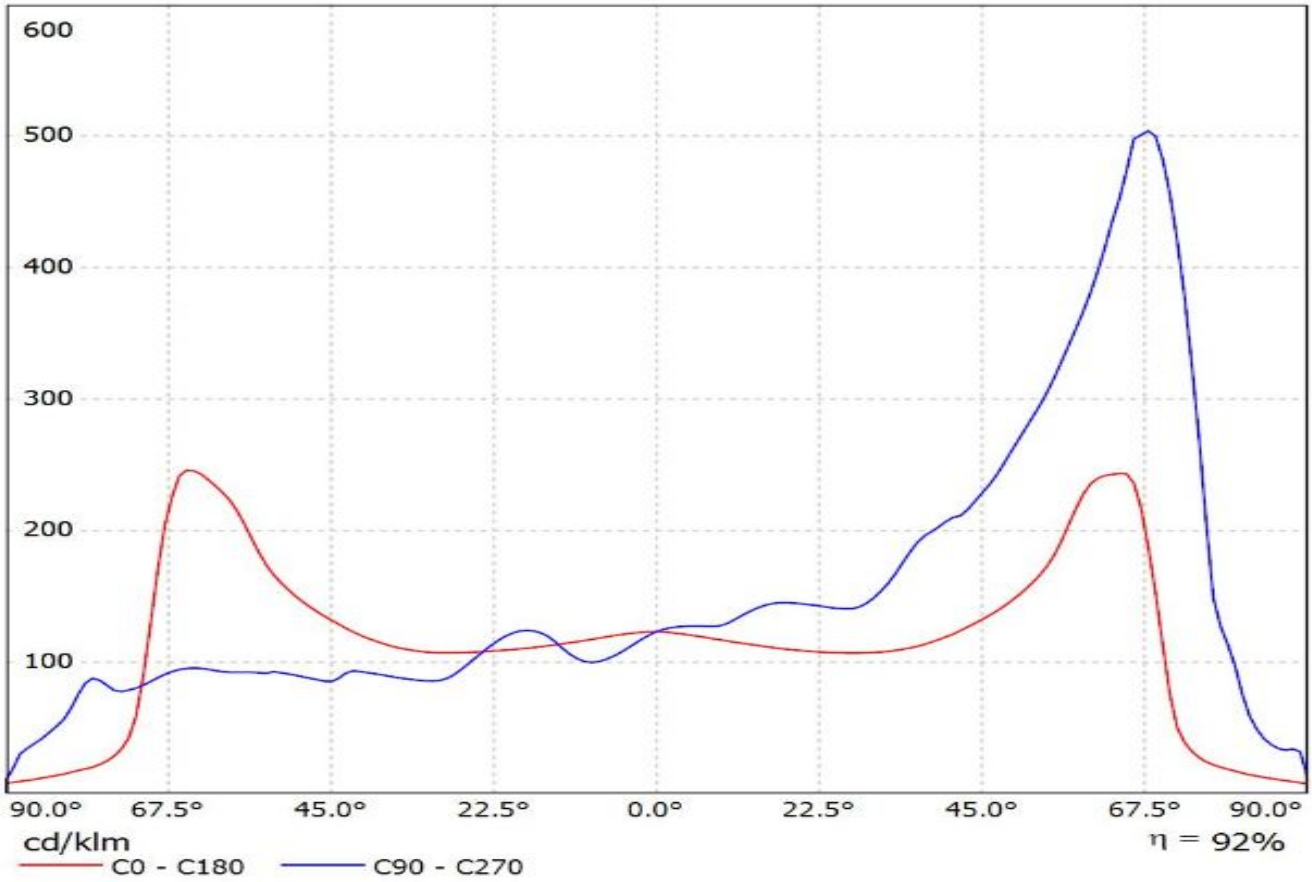
Luminaire: Ledil Oy CS15158_STRADA-IP-2X6-T4-B_(XP-G3)_SIMULATED
Lamps: 1 x Cree XP-G3



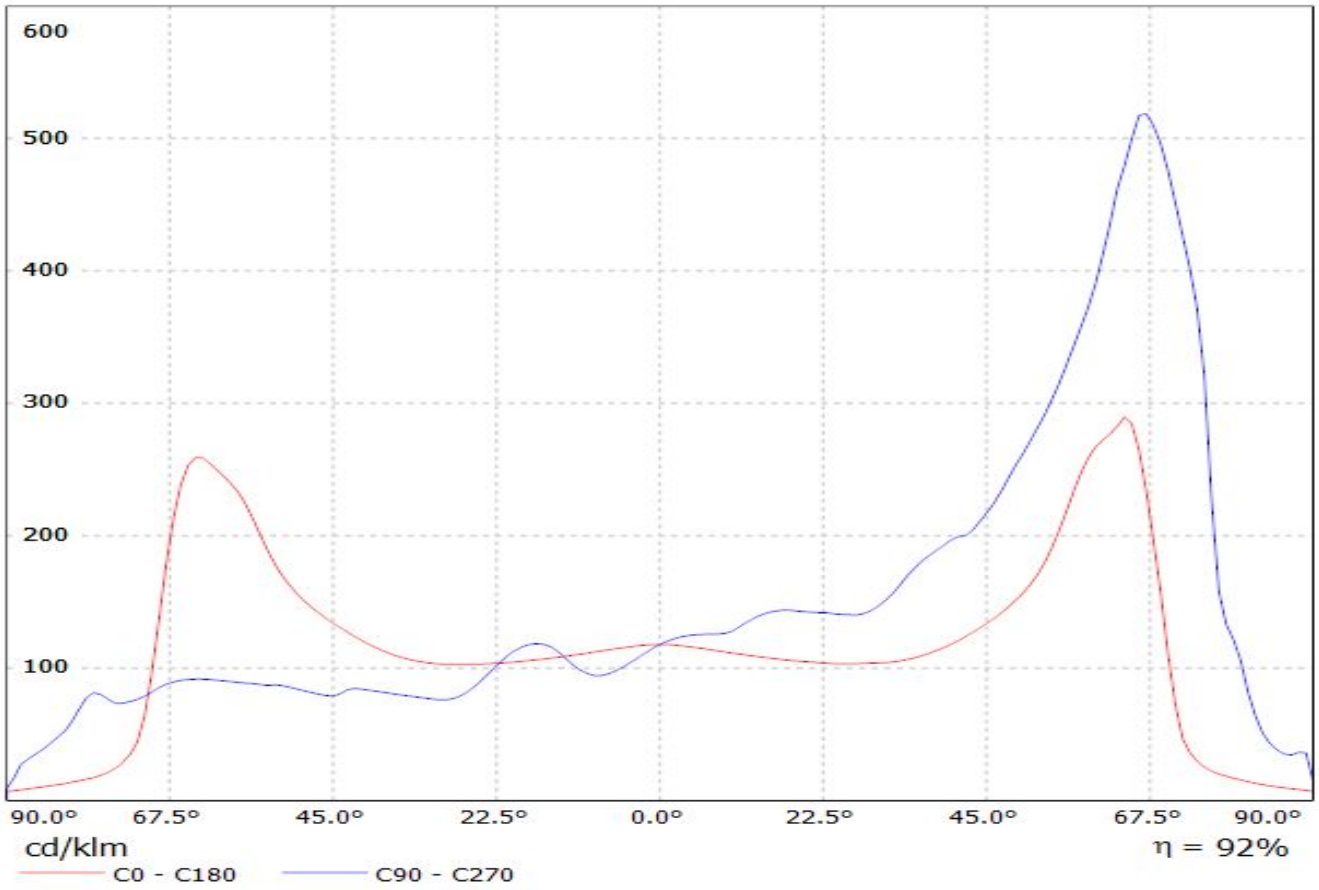
Luminaire: Ledil CS15158_STRADA-IP-2X6-T4-B_(XP-L2)
Lamps: 1 x Cree_XP-L2x12_(XPGBWT-H1-3B0-R5-0-01)
1666.32lm@250mA_CCT=5000_P=8.239W_I=0.25A



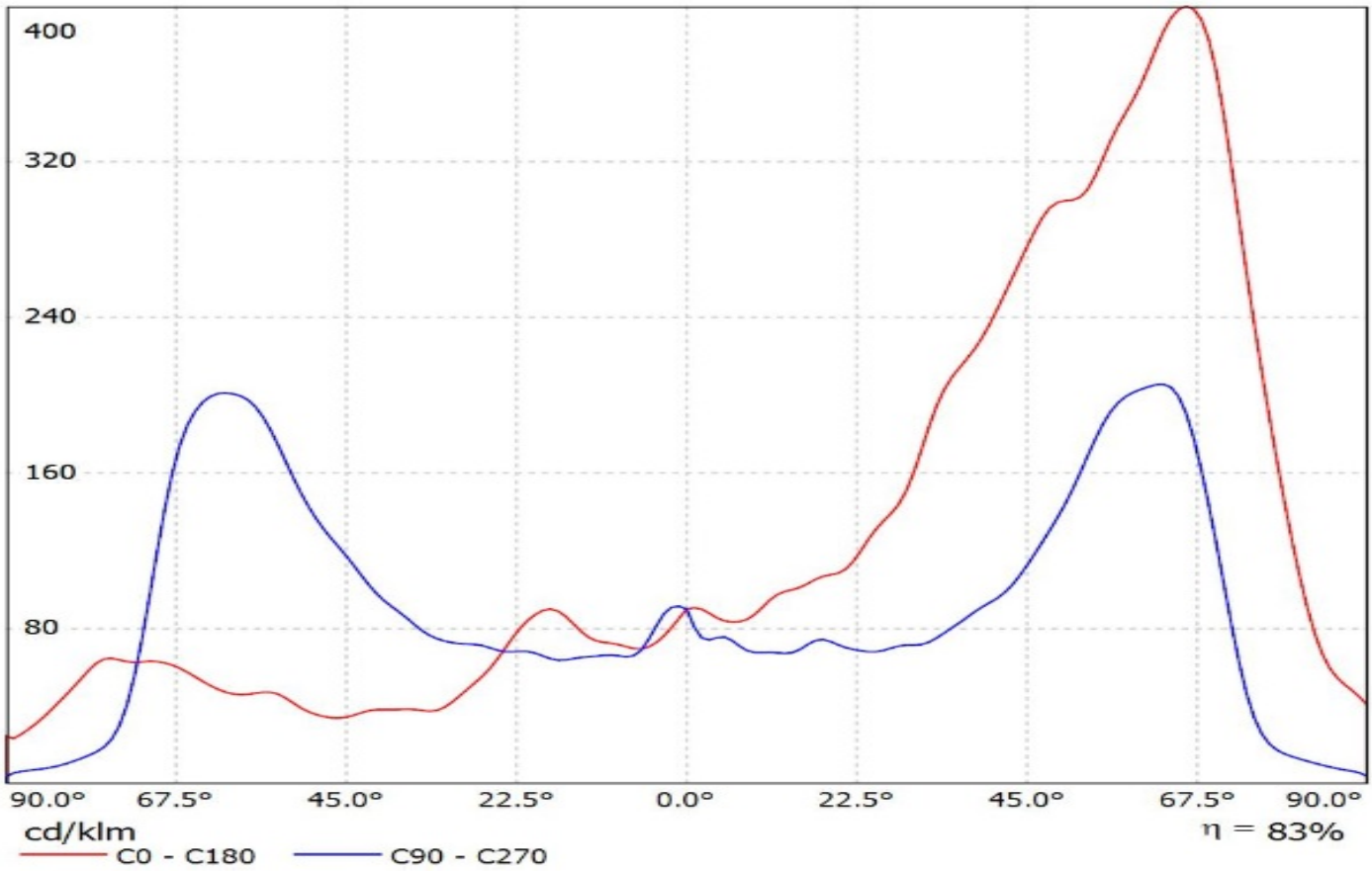
Luminaire: Ledil CS15158_STRADA-IP-2X6-T4-B_(H35C1)
Lamps: 1 x LG_H35C1_2x6_1389.53lm@250mA_CCT=5700_P=8.59425W_I=0.250A



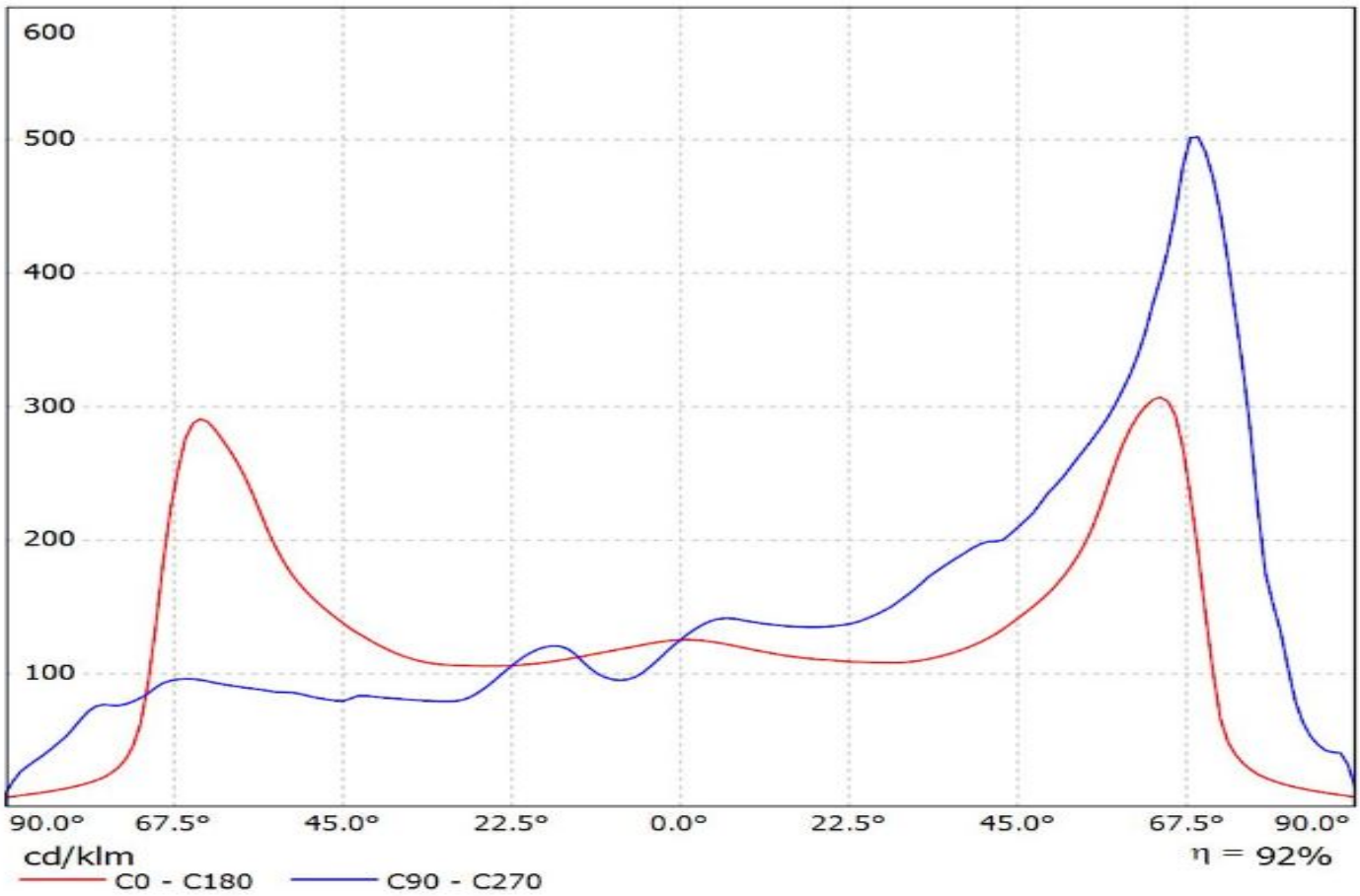
Luminaire: LEDiL Oy CS15158_STRADA-IP-2X6-T4-B_(Luxeon_T)
Lamps: 1 x Luxeon_T_(LXH8-FW30)_1040.41lm@250mA_P=8.49754W_I=0.250A



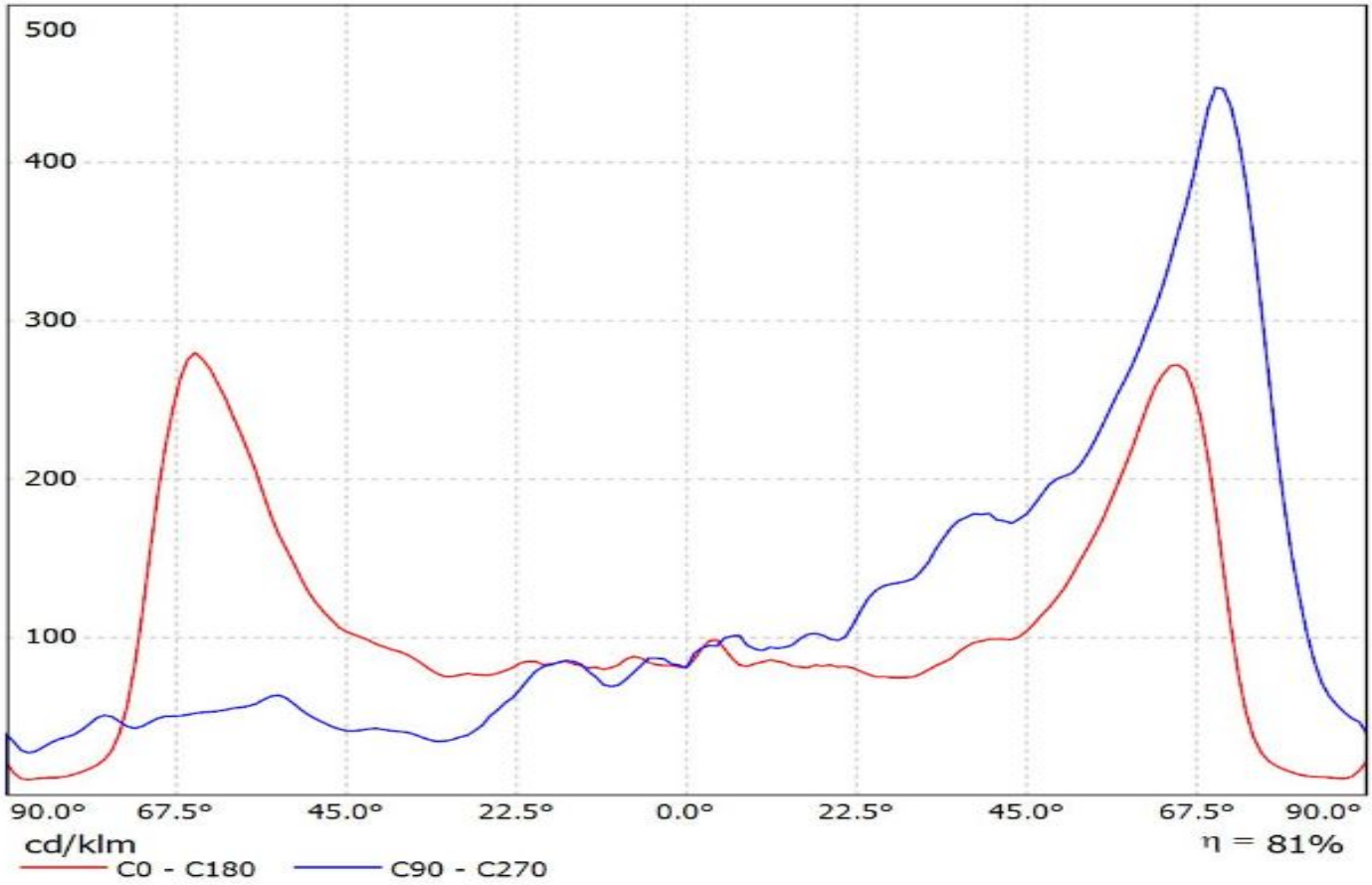
Luminaire: Ledil Oy CS15158_STRADA-IP-2X6-T4-B_LUXEON-5050_SIMULATED
Lamps: 1 x Lumileds Luxeon 5050



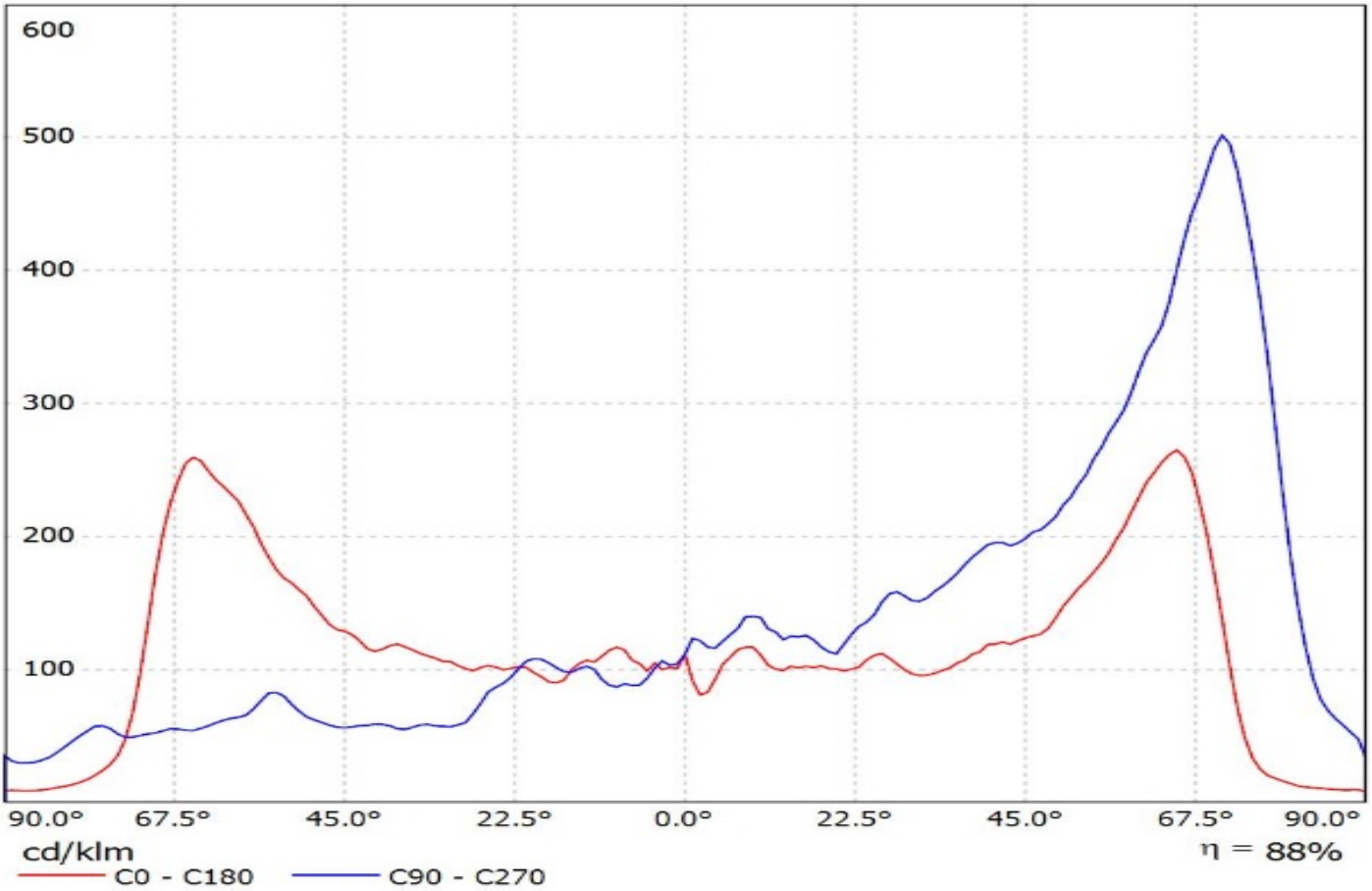
Luminaire: Ledil CS15158_STRADA-IP-2X6-T4-B_Fortimo FastFlex LED board 2x6 DP G4
Lamps: 1 x Fortimo FastFlex LED board 2x6 DP G4



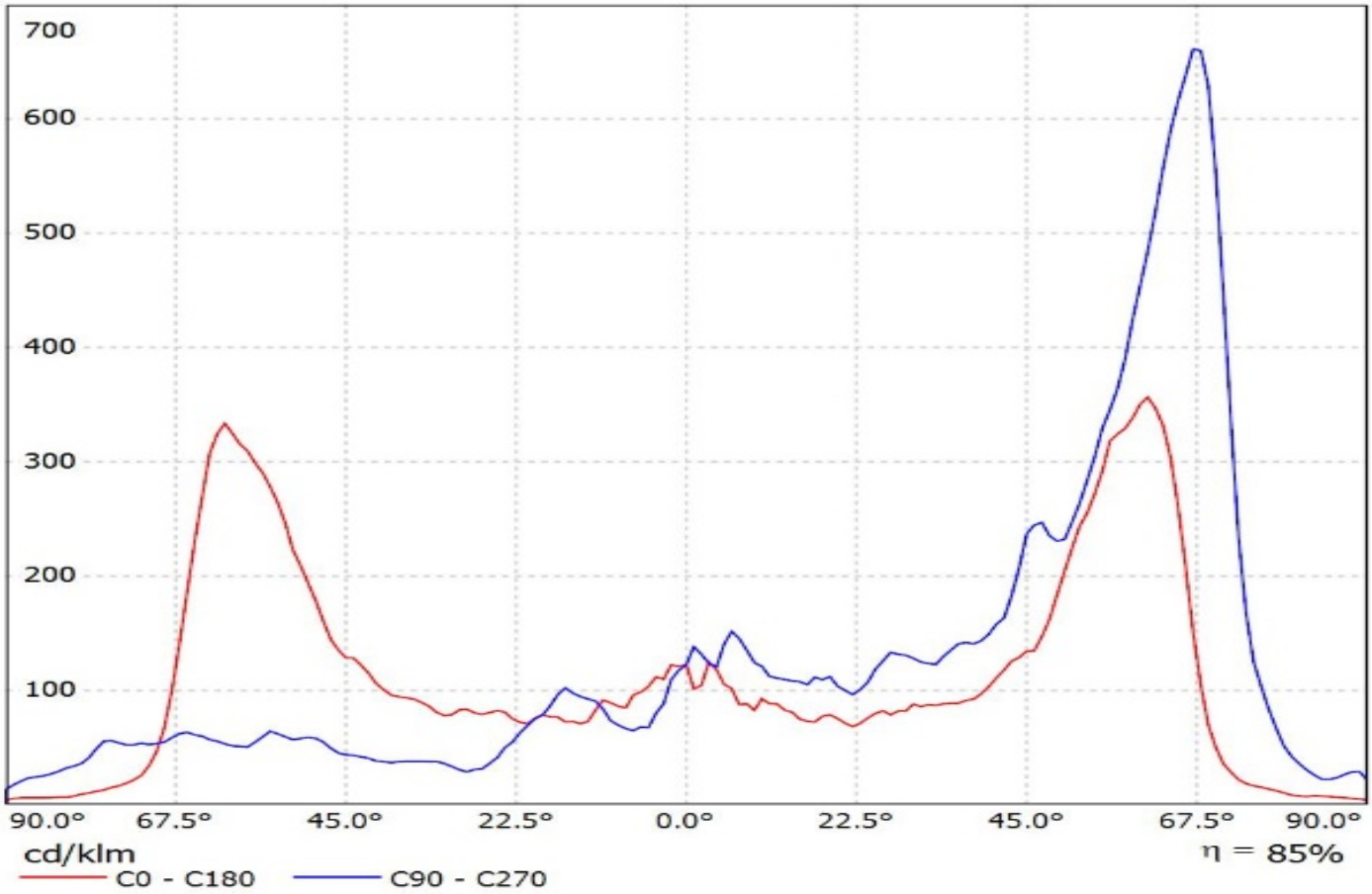
Luminaire: Ledil Oy CS15158_STRADA-IP-2X6-T4-B_Fortimo FastFlex LED board 2x6 DPX G4_SIMULATED
Lamps: 1 x Fortimo FastFlex LED board 2x6 DPX G4



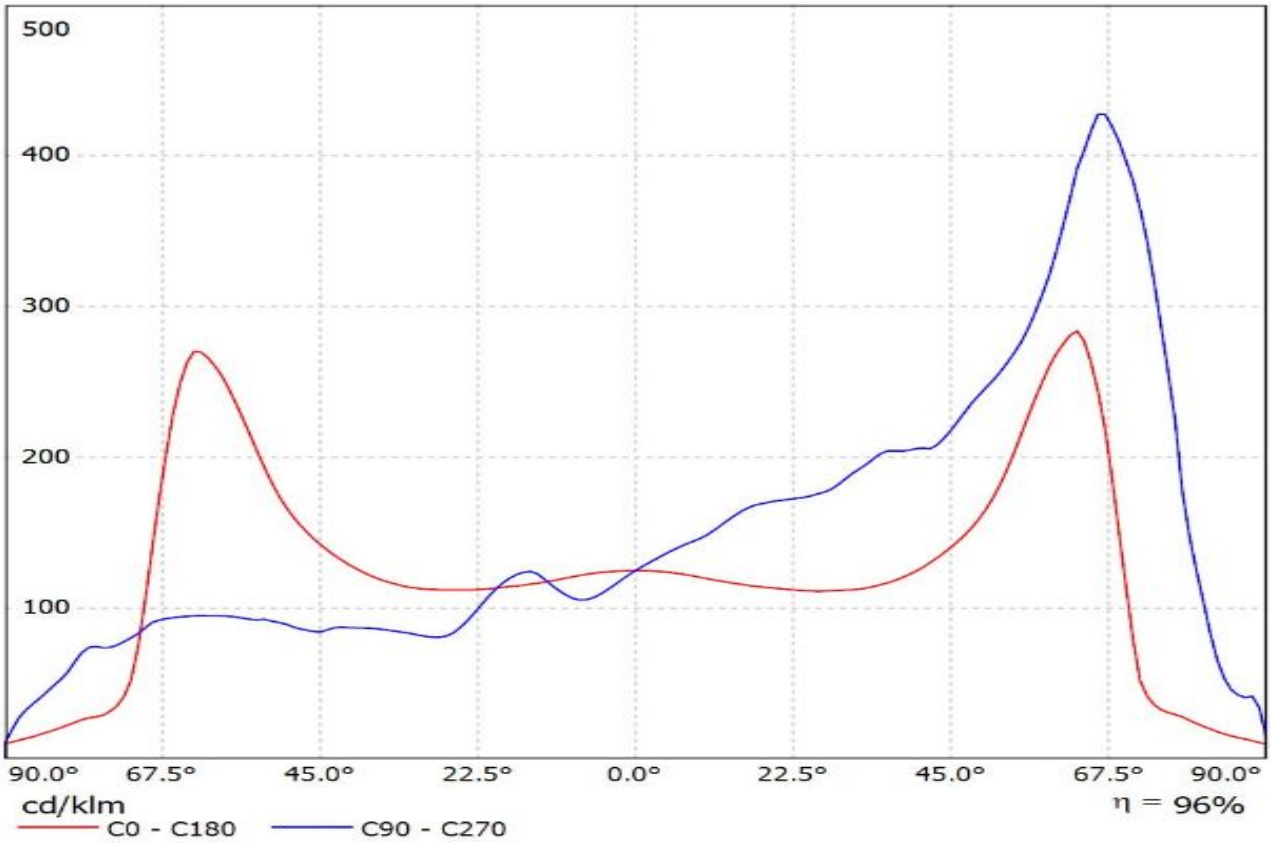
Luminaire: Ledil Oy CS15158_STRADA-IP-2X6-T4-B_(LH351B)_SIMULATED
Lamps: 1 x Samsung LH351B



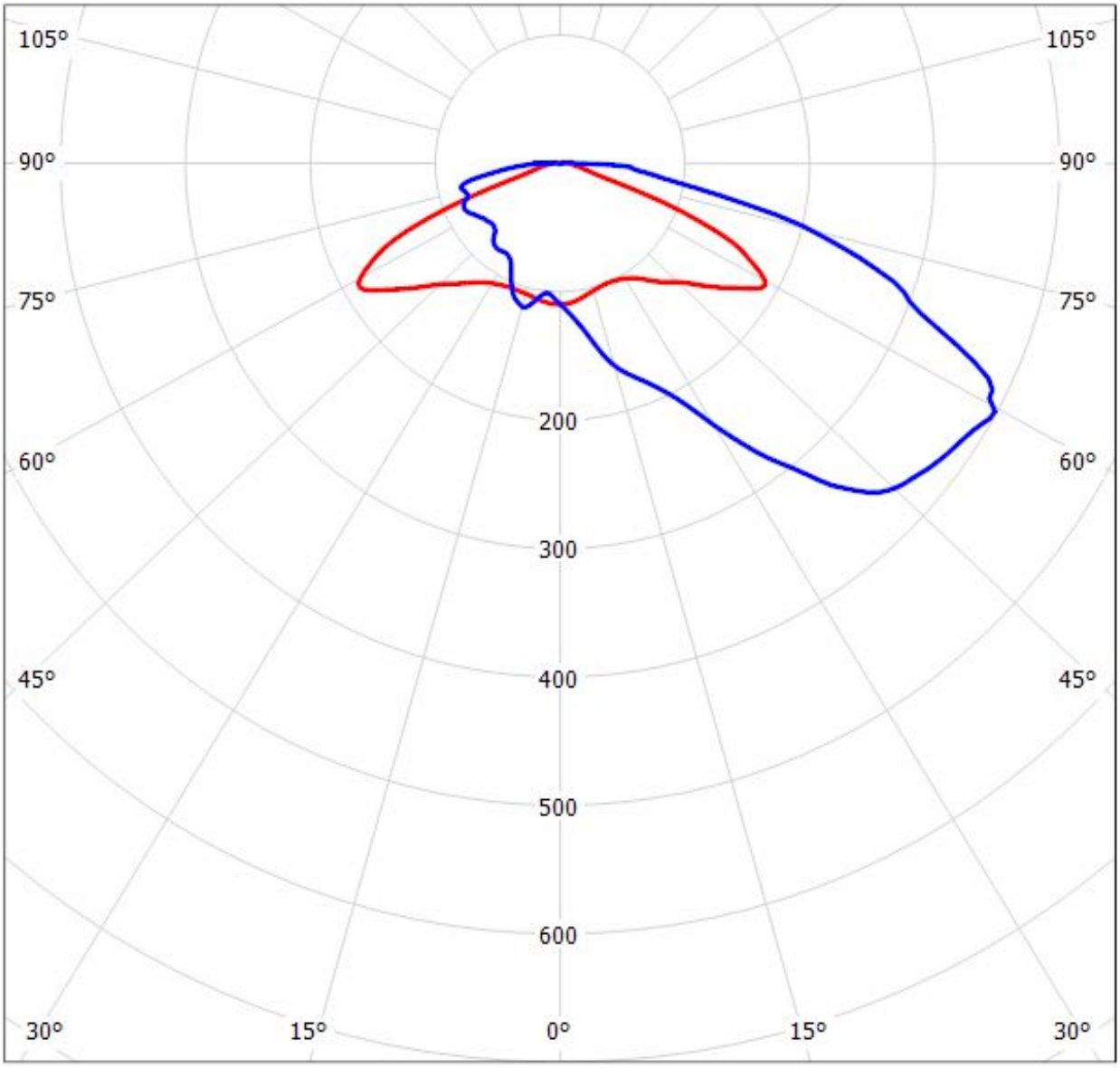
Luminaire: Ledil Oy CS15158_STRADA-IP-2X6-T4-B_(Z5M1)_SIMULATED
Lamps: 1 x Seoul Z5M1



Luminaire: Ledil CS15158_STRADA-IP-2X6-T4-B_(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 CS15158_STRADA-IP-2X6-T4-B_(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

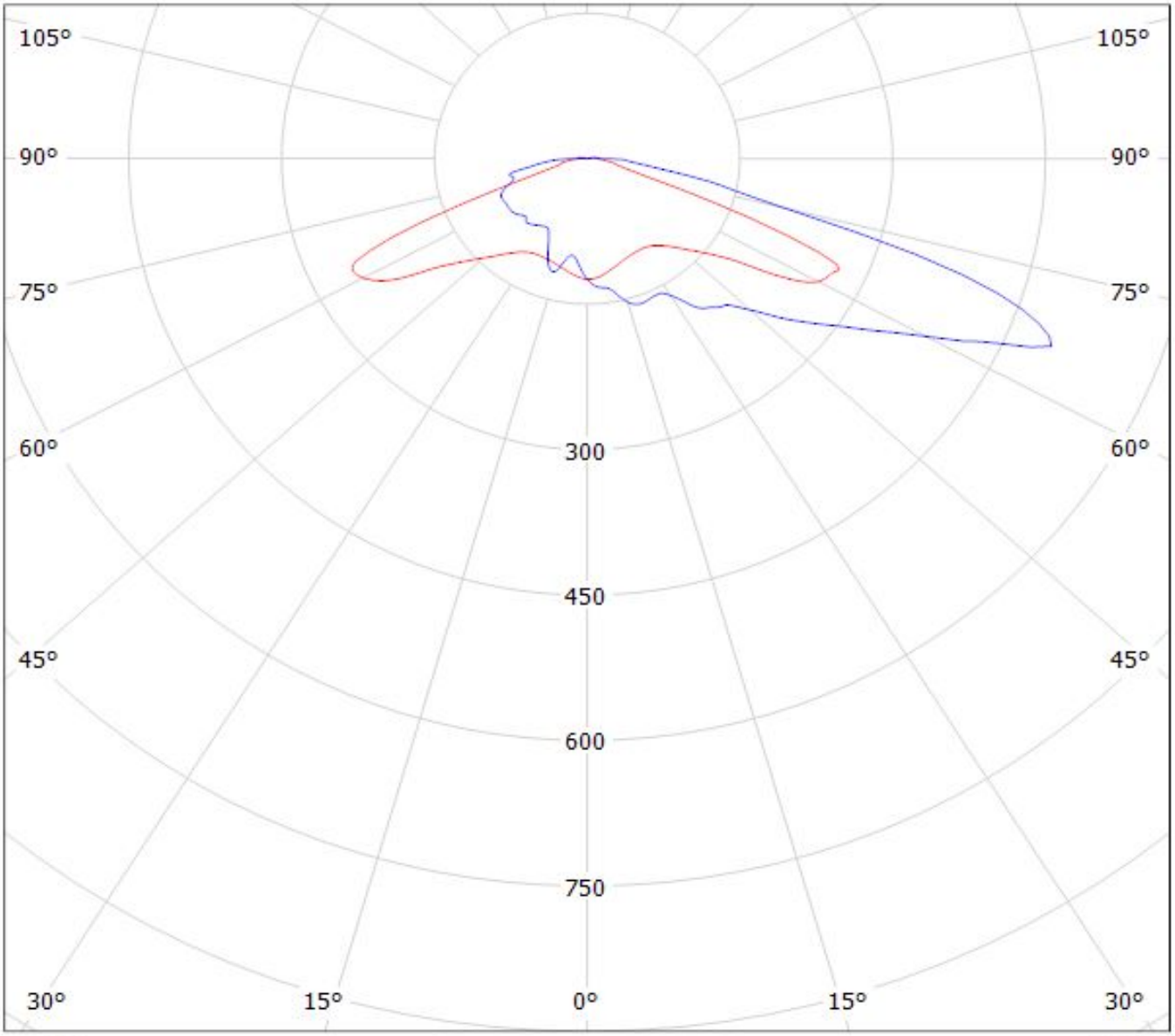


cd/klm

η = 95%

C0 - C180 C90 - C270

Luminaire: Ledil CS15158_STRADA-IP-2X6-T4-B_(XT-E)
Lamps: 1 x Cree_XT-E_1280.48lm@250mA_P=8.94575W_I=0.250A

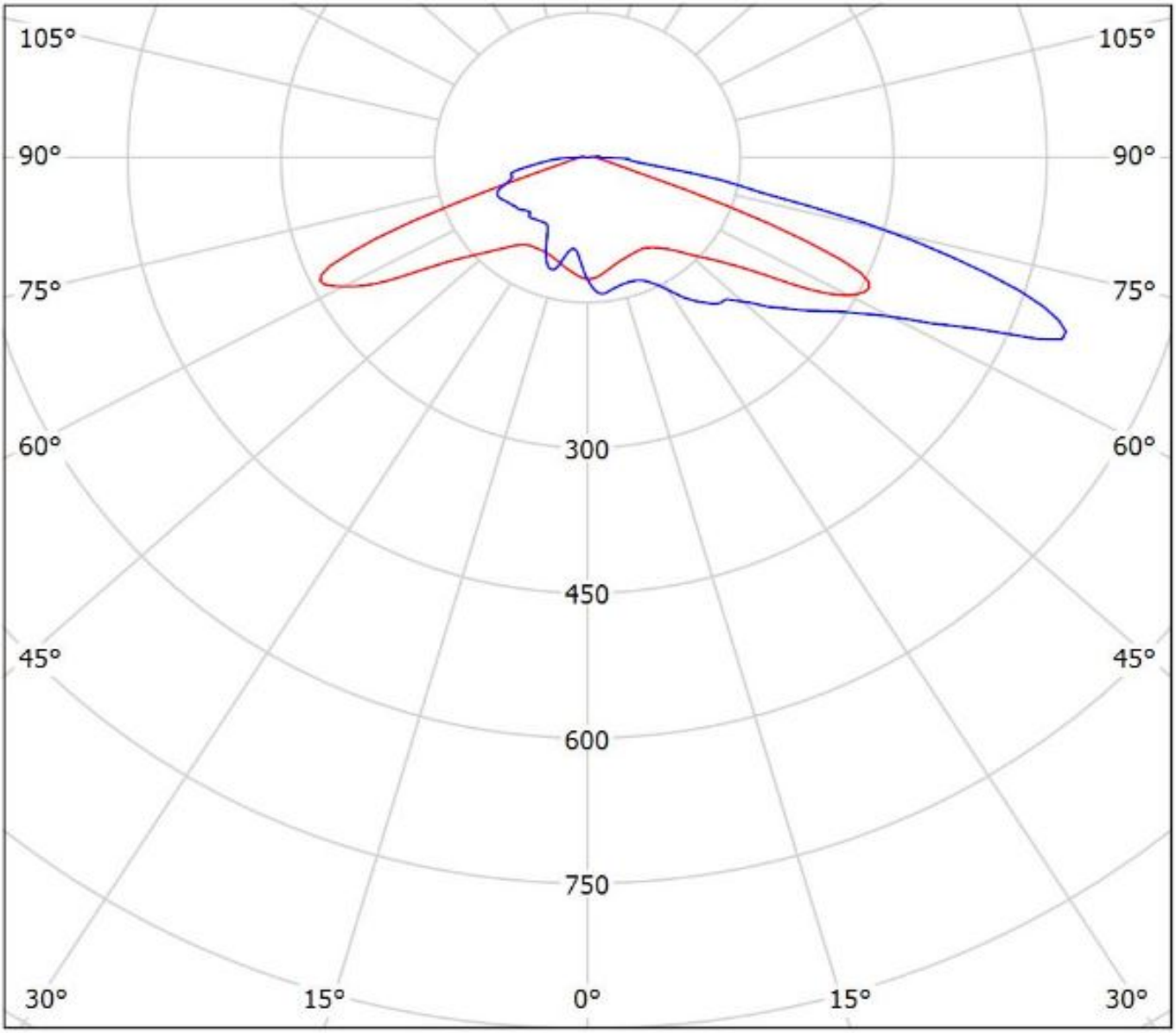


cd/klm

η = 93%

C0 - C180 C90 - C270

Luminaire: Ledil CS15158_STRADA-IP-2X6-T4-B_(XP-G2)_C1
Lamps: 1 x Cree_XP-G2_1264.35lm@250mA_P=8.6208W_I=0.250A

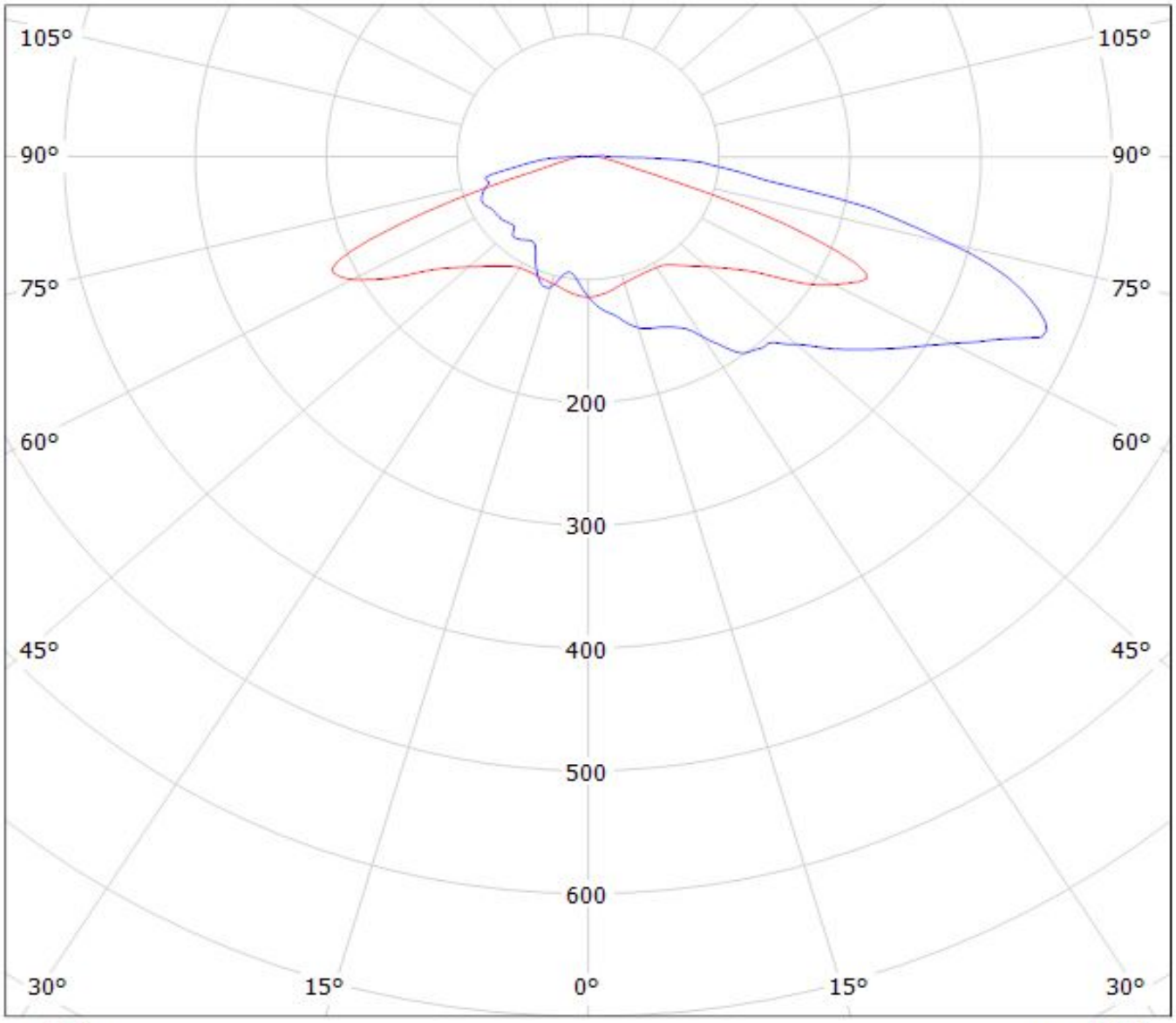


cd/klm

η = 92%

C0 - C180 C90 - C270

Luminaire: LEDiL Oy CS15158_STRADA-IP-2X6-T4-B_(XP-L)
Lamps: 1 x Cree_XP-L_(XPLAWT-0-7A3-U50-0H-0001)_1258.85lm@250mA_P=8.27562W_I=0.250A

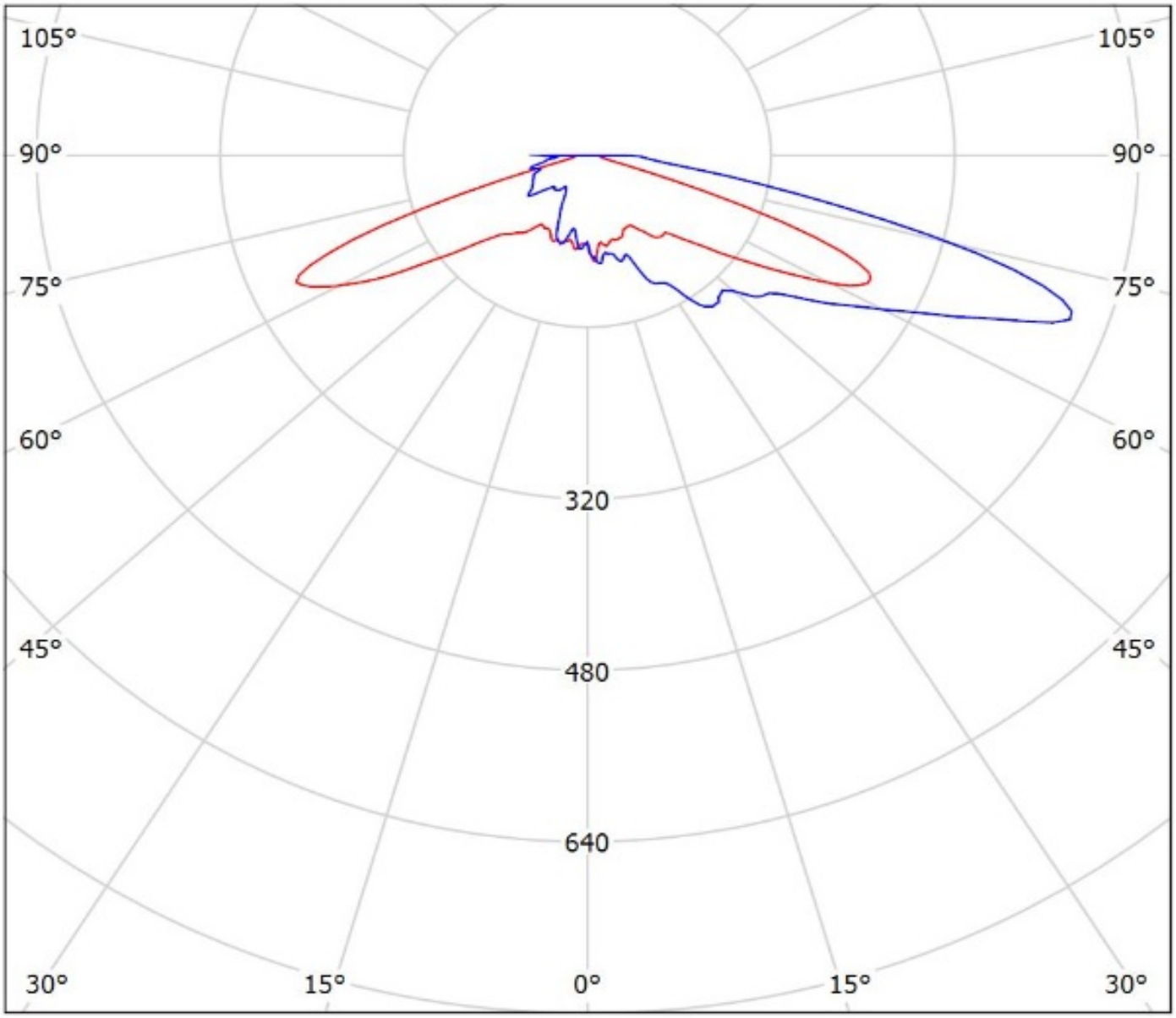


cd/klm

η = 90%

C0 - C180 C90 - C270

Luminaire: Ledil Oy CS15158_STRADA-IP-2X6-T4-B_(XP-G3)_SIMULATED
Lamps: 1 x Cree XP-G3

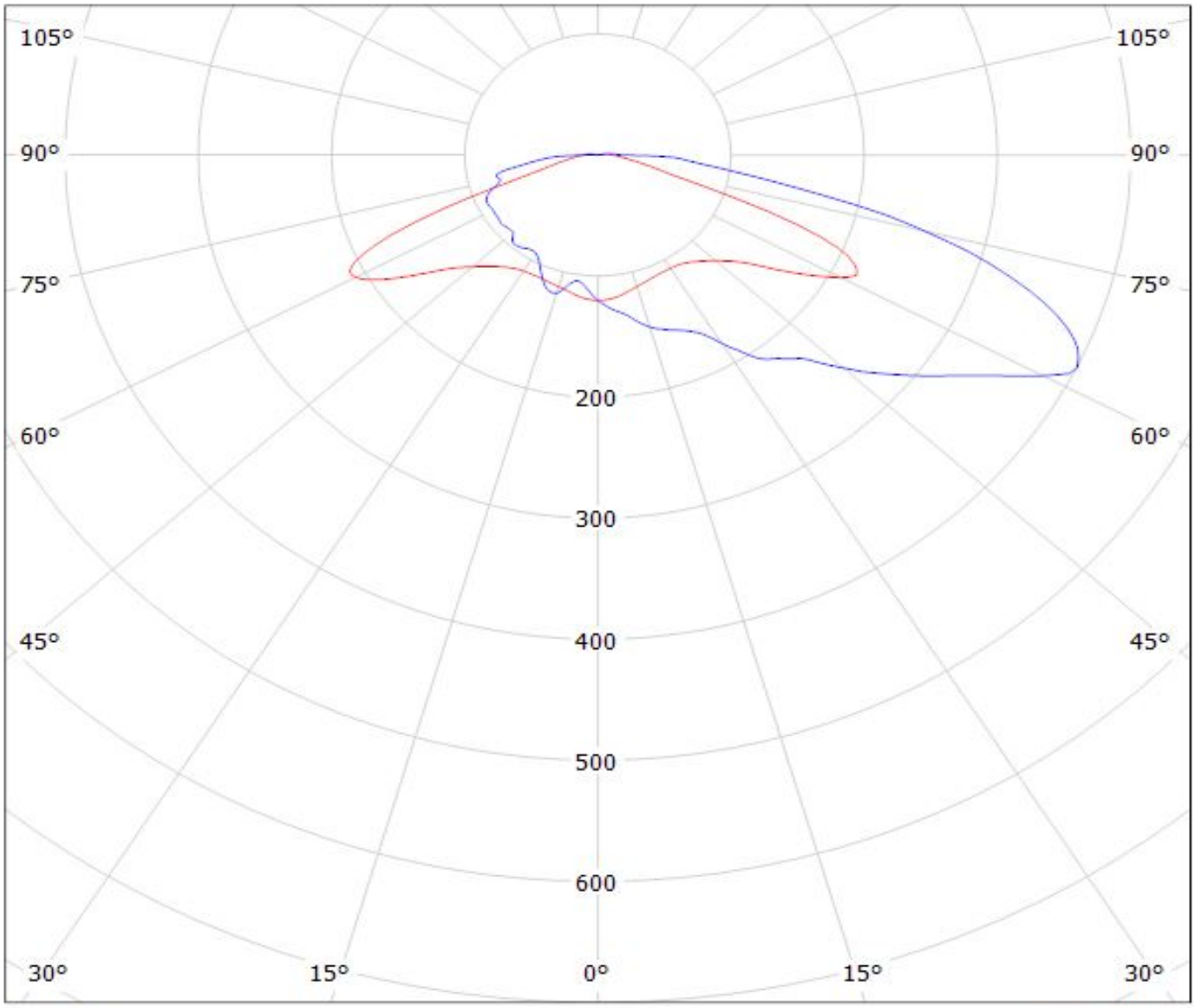


cd/klm

η = 81%

C0 - C180 C90 - C270

Luminaire: Ledil CS15158_STRADA-IP-2X6-T4-B_(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

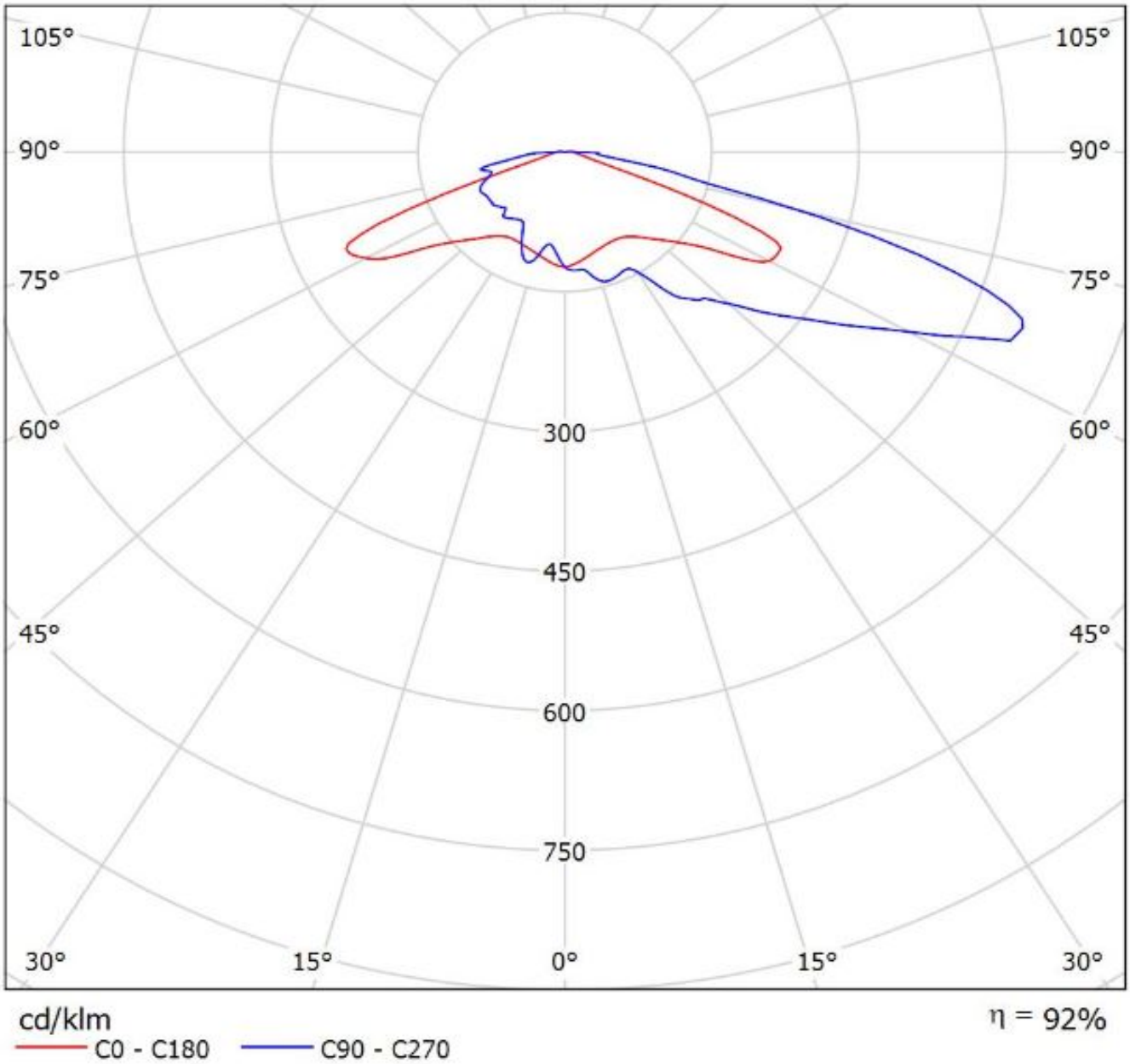


cd/klm

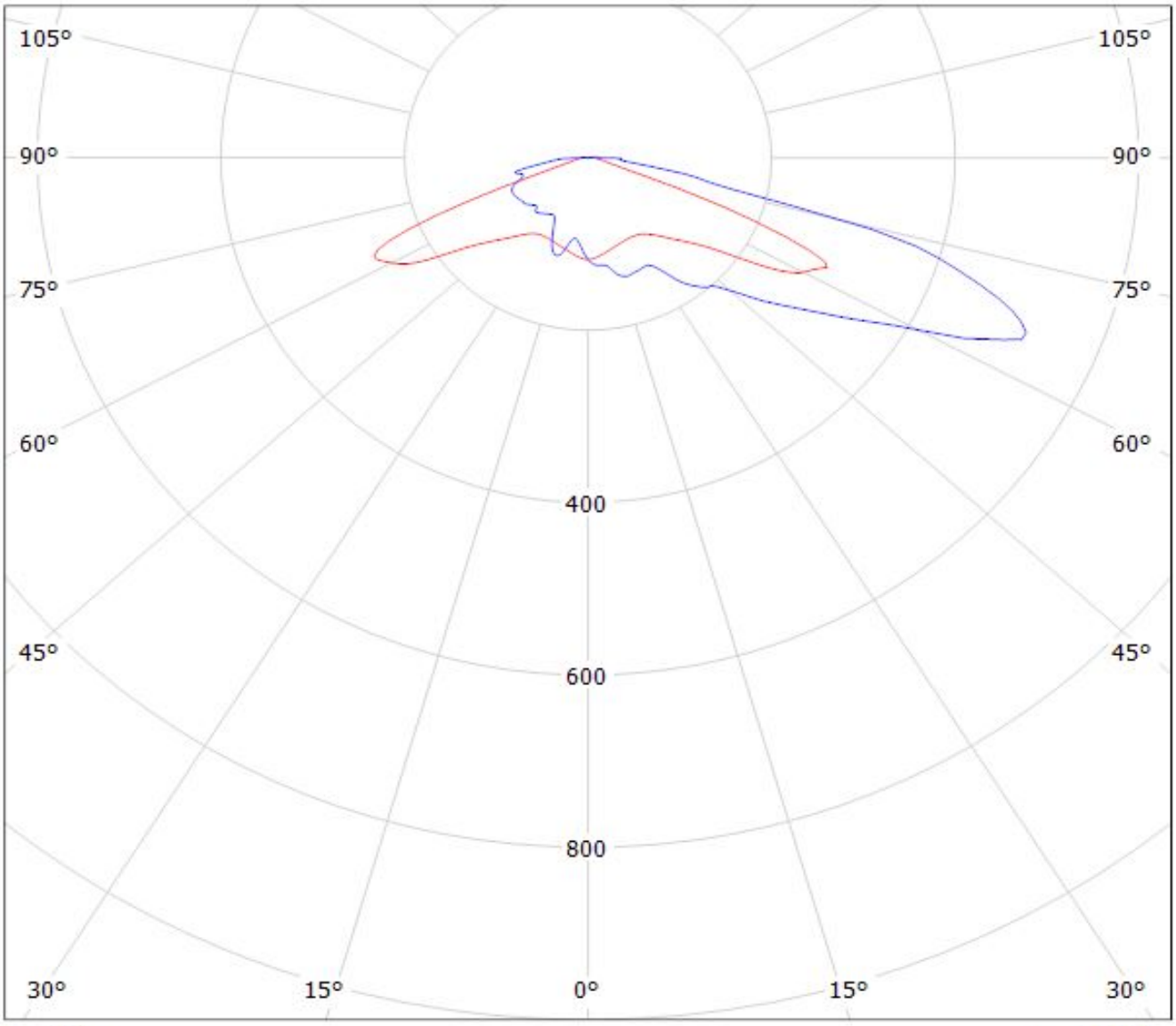
η = 94%

C0 - C180 C90 - C270

Luminaire: Ledil CS15158_STRADA-IP-2X6-T4-B_(H35C1)
Lamps: 1 x LG_H35C1_2x6_1389.53lm@250mA_CCT=5700_P=8.59425W_I=0.250A



Luminaire: LEDiL Oy CS15158_STRADA-IP-2X6-T4-B_(Luxeon_T)
Lamps: 1 x Luxeon_T_(LXH8-FW30)_1040.41lm@250mA_P=8.49754W_I=0.250A

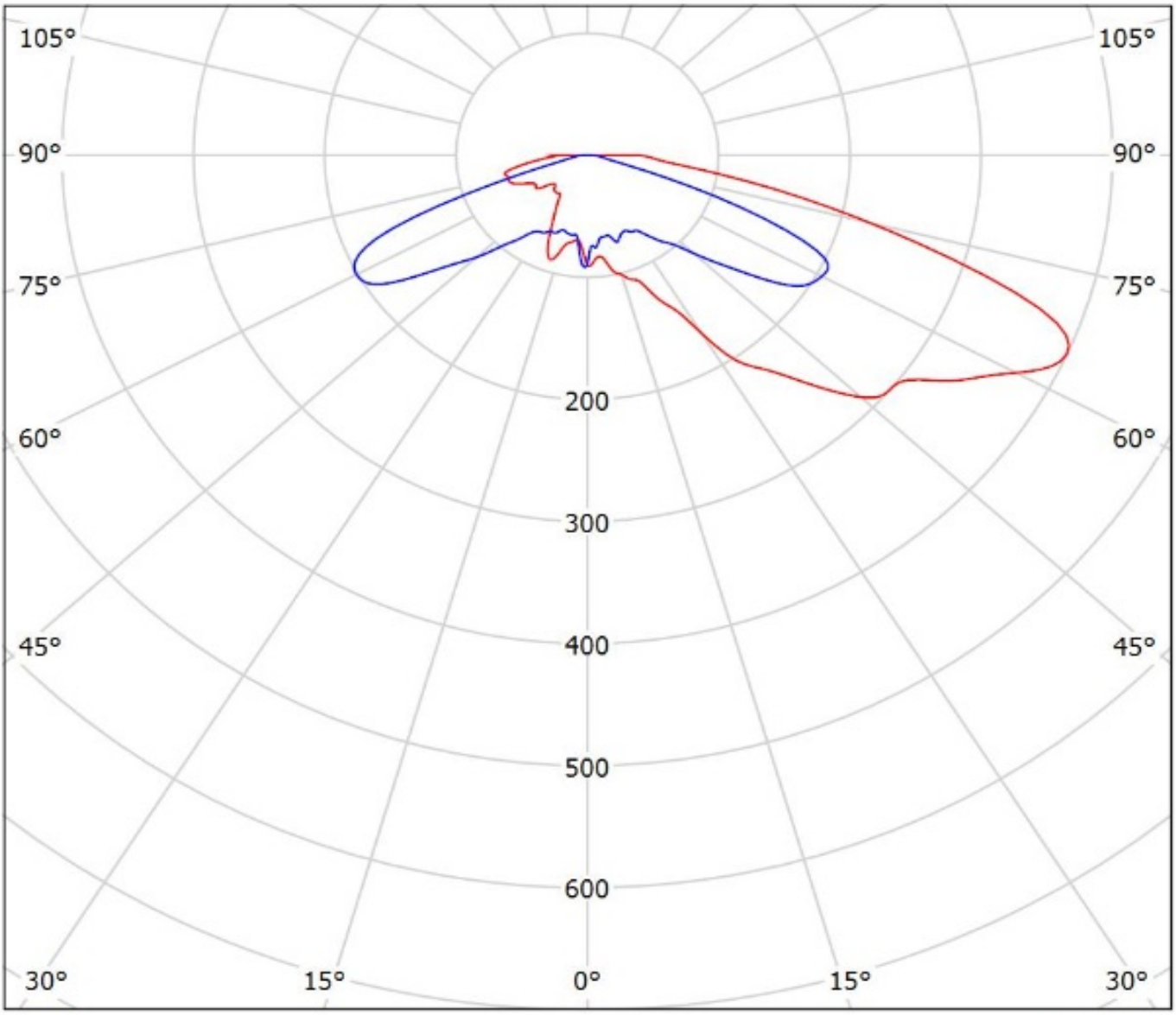


cd/klm

η = 92%

C0 - C180 C90 - C270

Luminaire: Ledil Oy CS15158_STRADA-IP-2X6-T4-B_LUXEON-5050_SIMULATED
Lamps: 1 x Lumileds Luxeon 5050

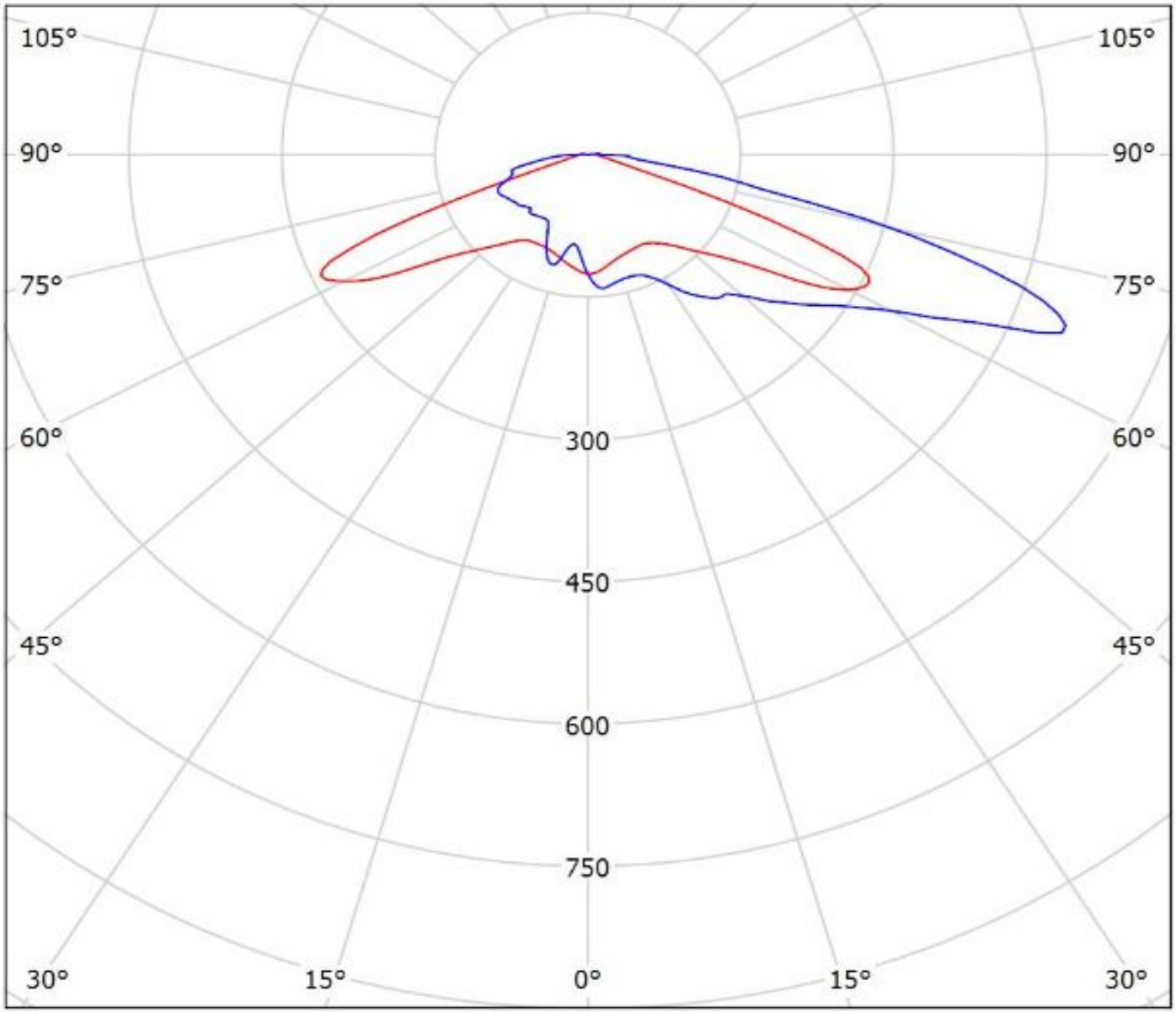


cd/klm

η = 83%

C0 - C180 C90 - C270

Luminaire: Ledil CS15158_STRADA-IP-2X6-T4-B_Fortimo FastFlex LED board 2x6 DP G4
Lamps: 1 x Fortimo FastFlex LED board 2x6 DP G4

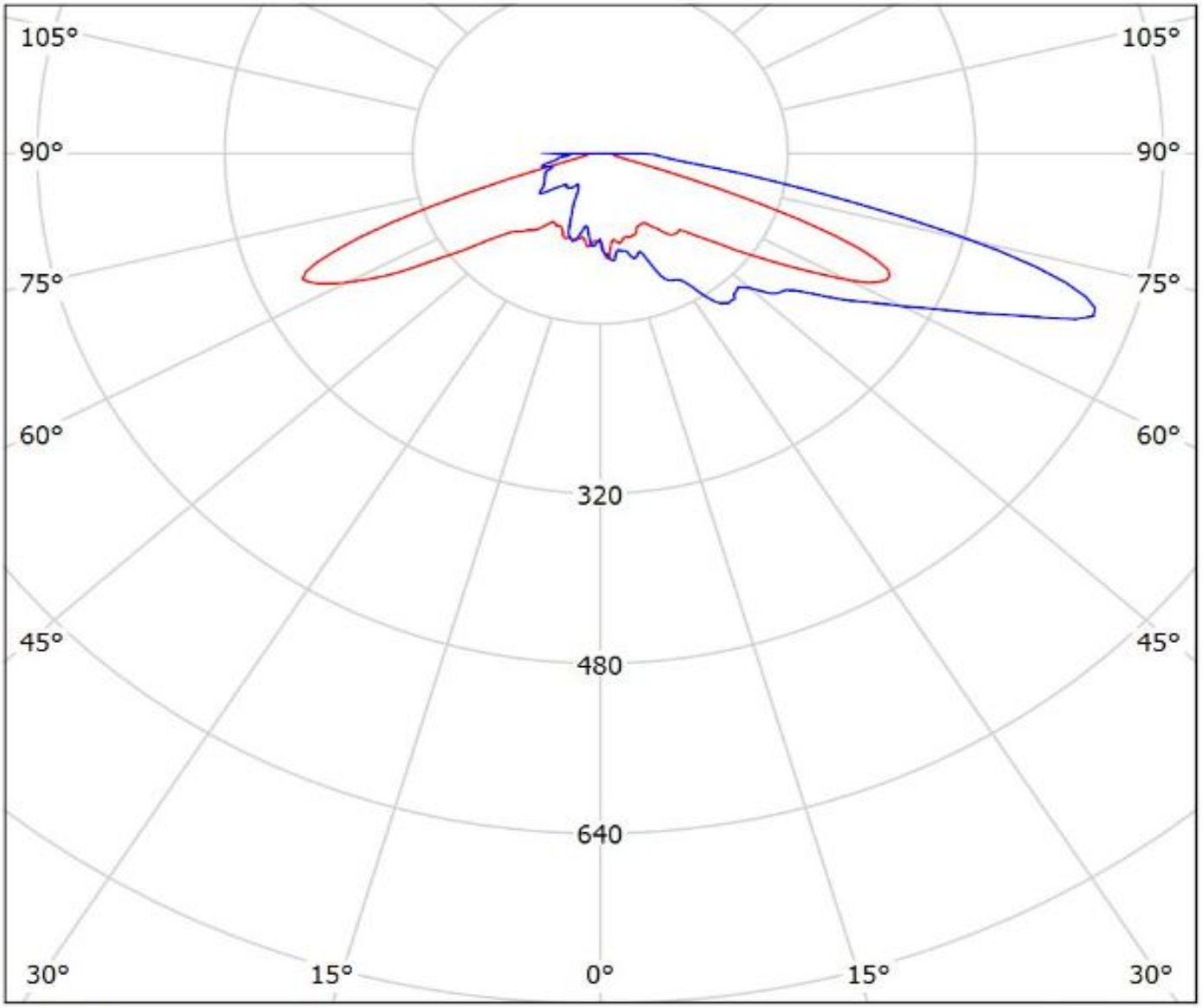


cd/klm

η = 92%

C0 - C180 C90 - C270

Luminaire: Ledil Oy CS15158_STRADA-IP-2X6-T4-B_Fortimo FastFlex LED board 2x6 DPX G4_SIMULATED
Lamps: 1 x Fortimo FastFlex LED board 2x6 DPX G4

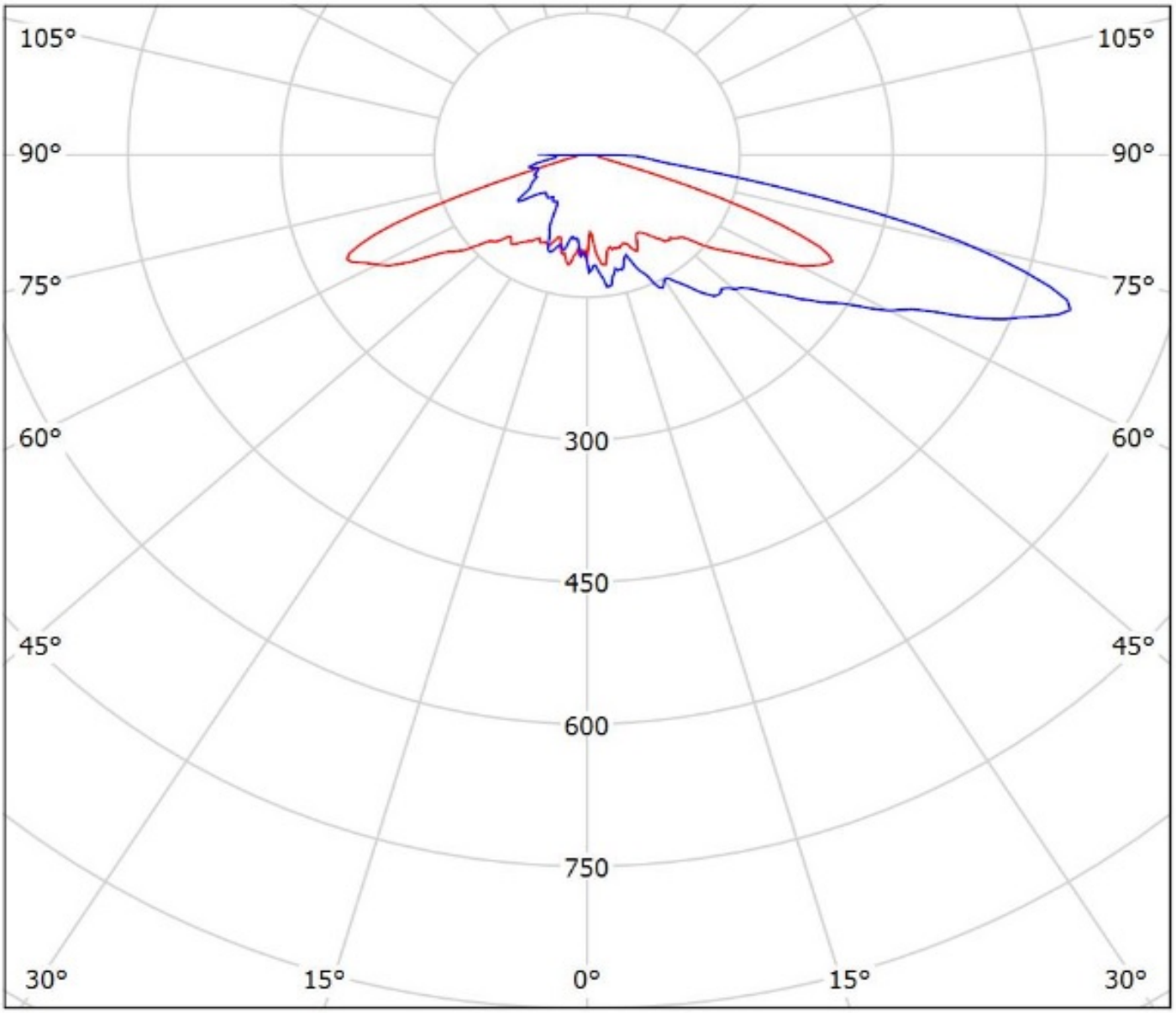


cd/klm

η = 81%

C0 - C180 C90 - C270

Luminaire: Ledil Oy CS15158_STRADA-IP-2X6-T4-B_(LH351B)_SIMULATED
Lamps: 1 x Samsung LH351B

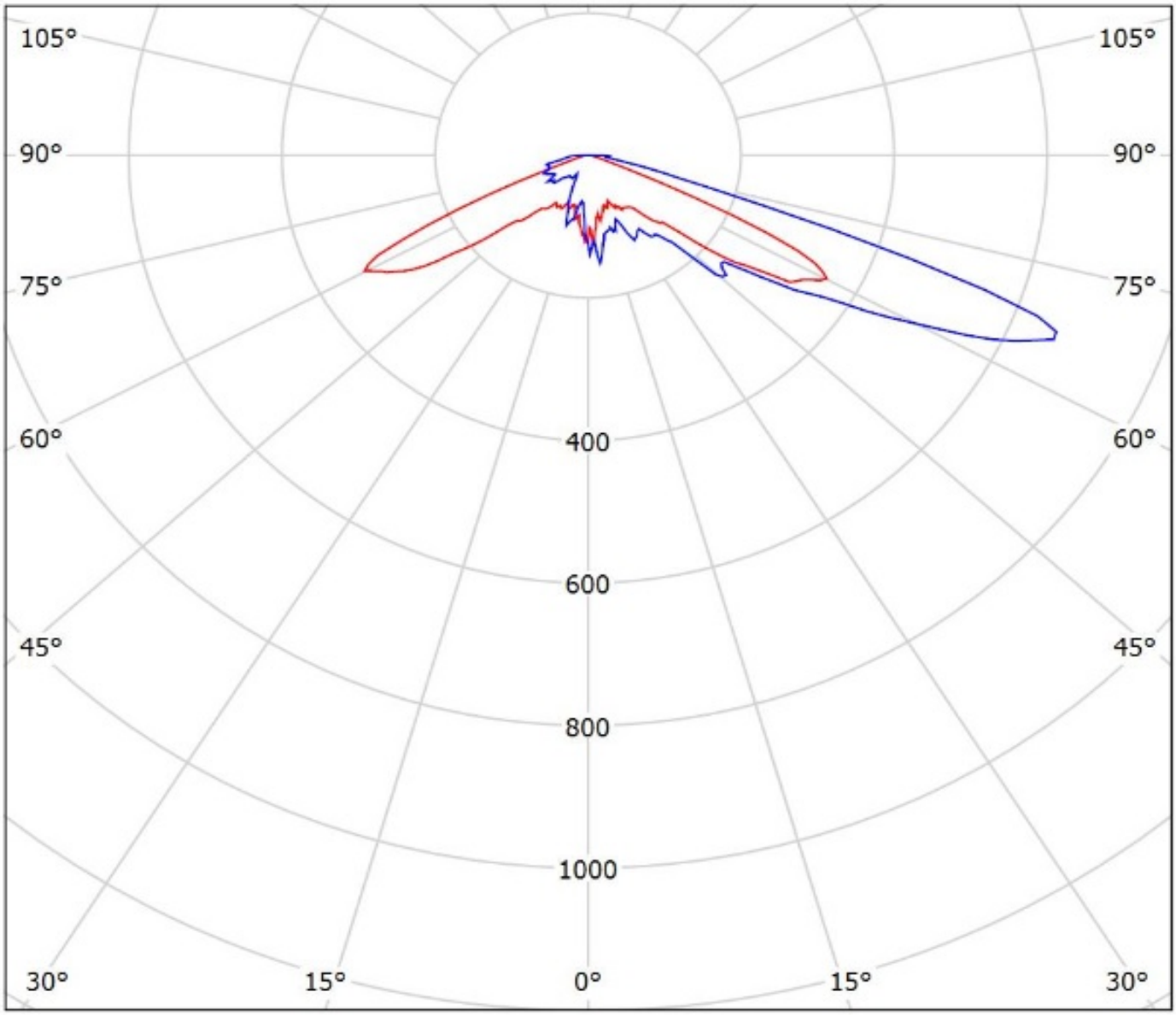


cd/klm

η = 88%

C0 - C180 C90 - C270

Luminaire: Ledil Oy CS15158_STRADA-IP-2X6-T4-B_(Z5M1)_SIMULATED
Lamps: 1 x Seoul Z5M1

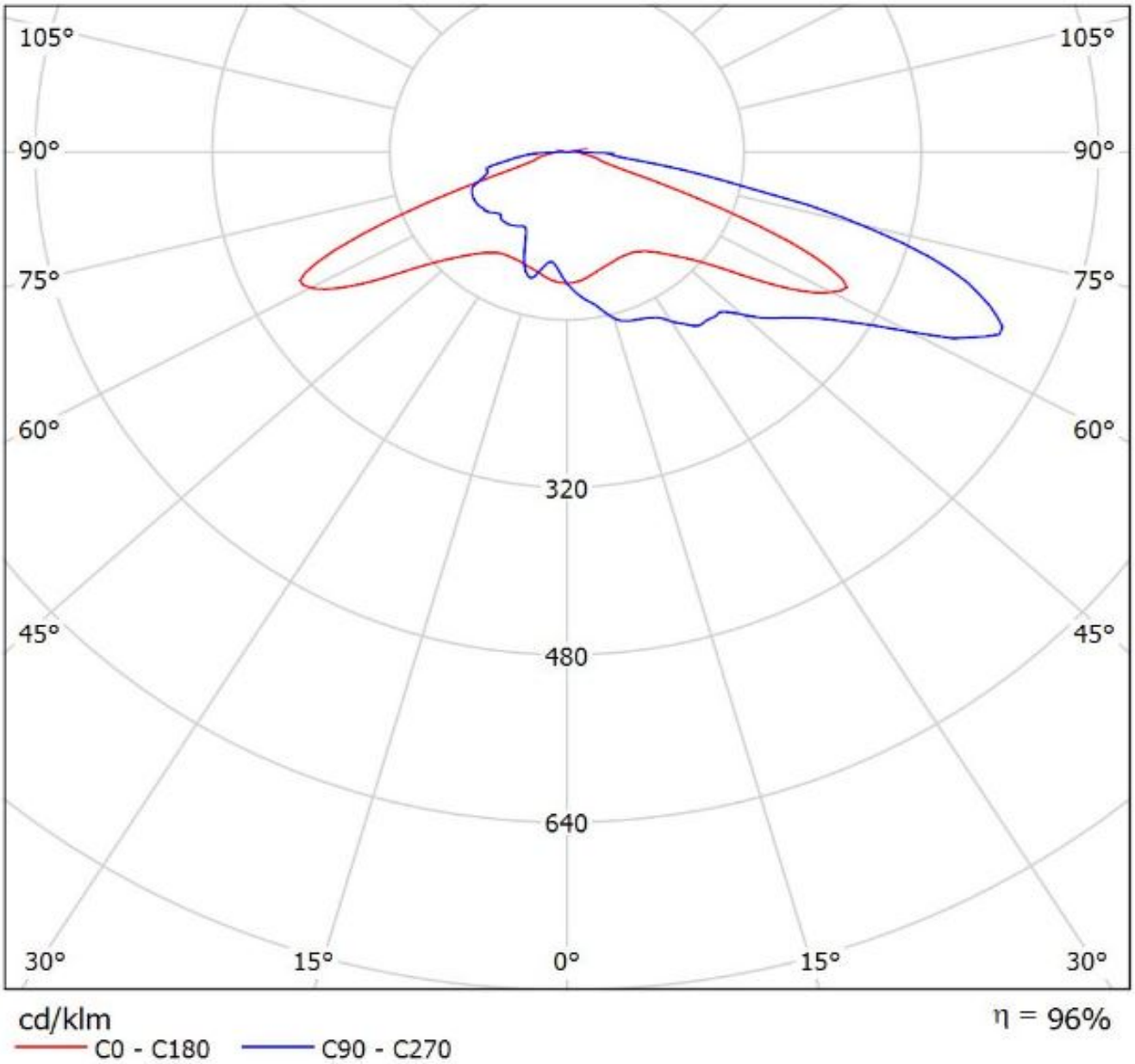


cd/klm

η = 85%

C0 - C180 C90 - C270

Luminaire: Ledil CS15158_STRADA-IP-2X6-T4-B_(Z8Y22_PLUS)
Lamps: 1 x Seoul_Z8Y22_PLUS_2X6_(SZ8-Y22-W0-C7P)1489.65lm@250mA_P=8.30675W_I=0.250A



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.