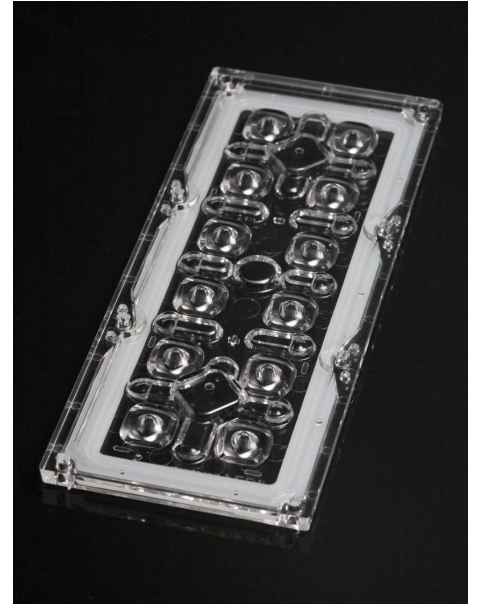


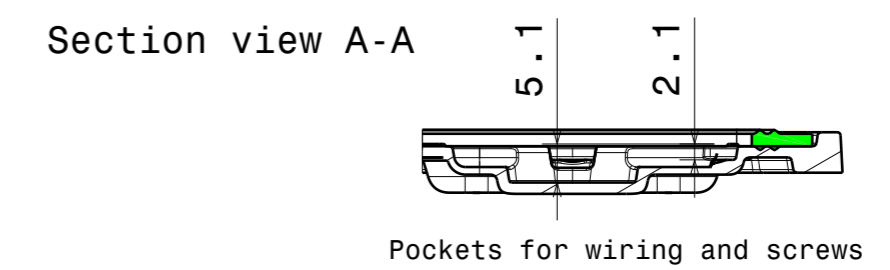
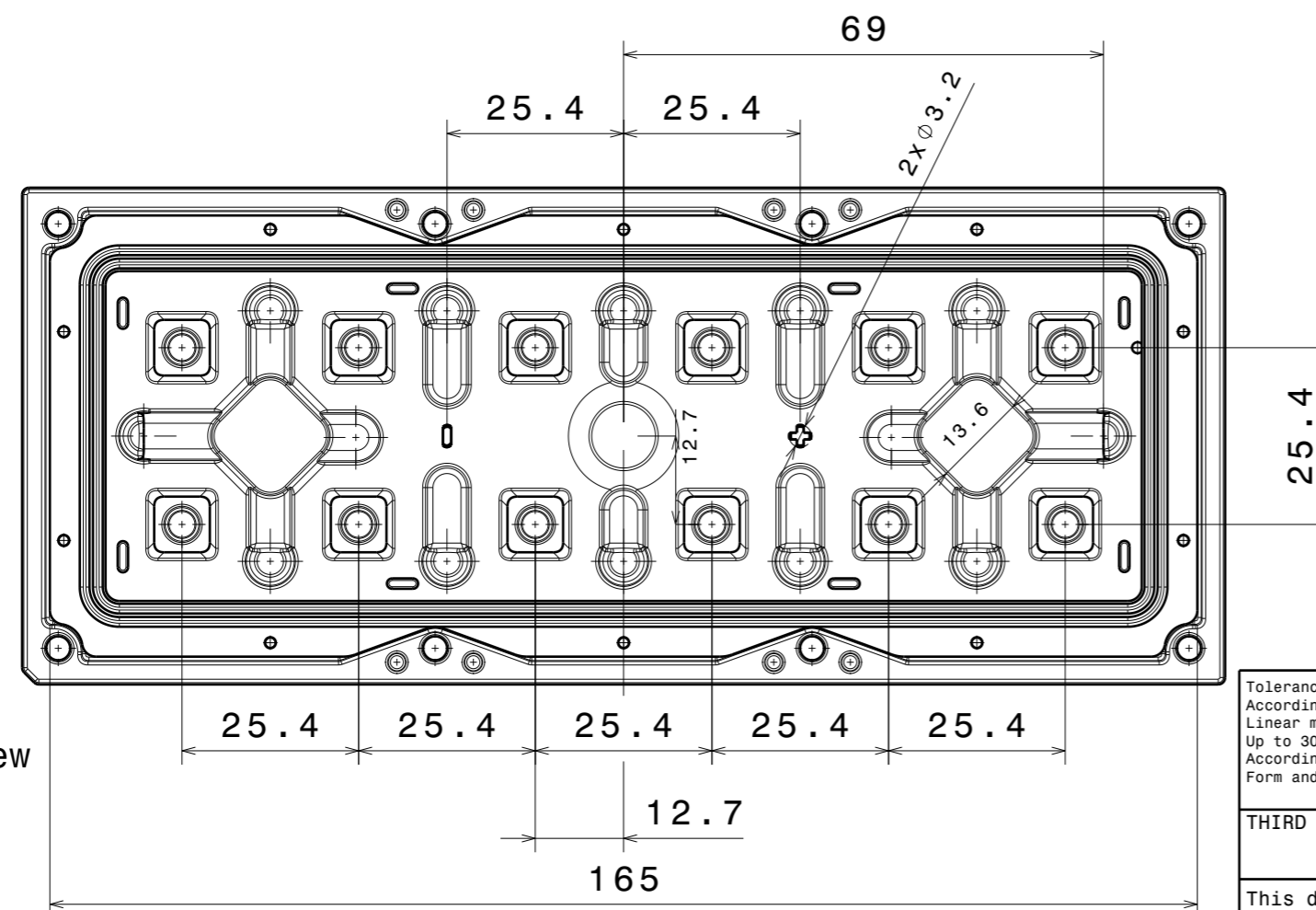
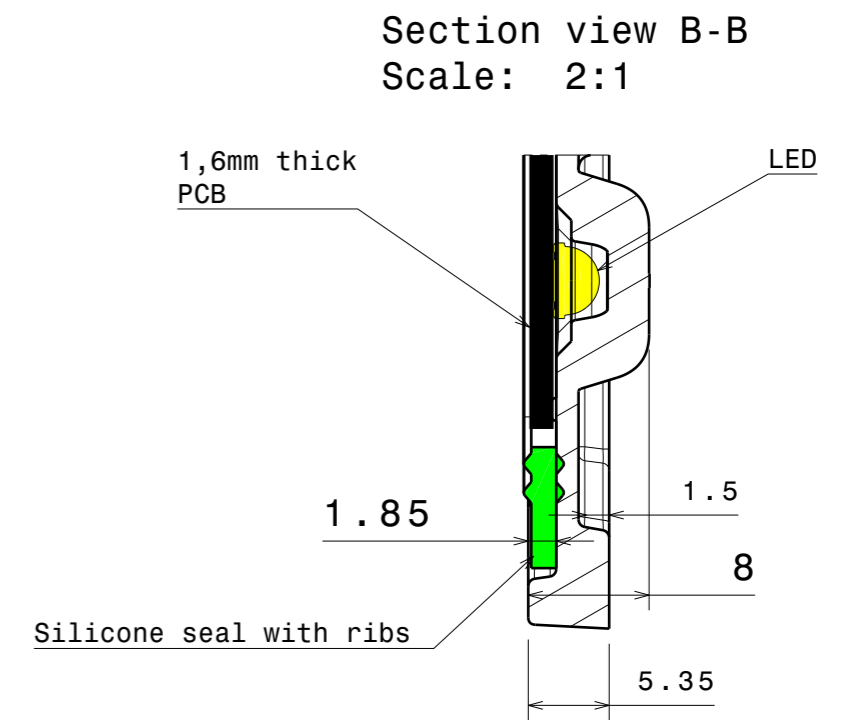
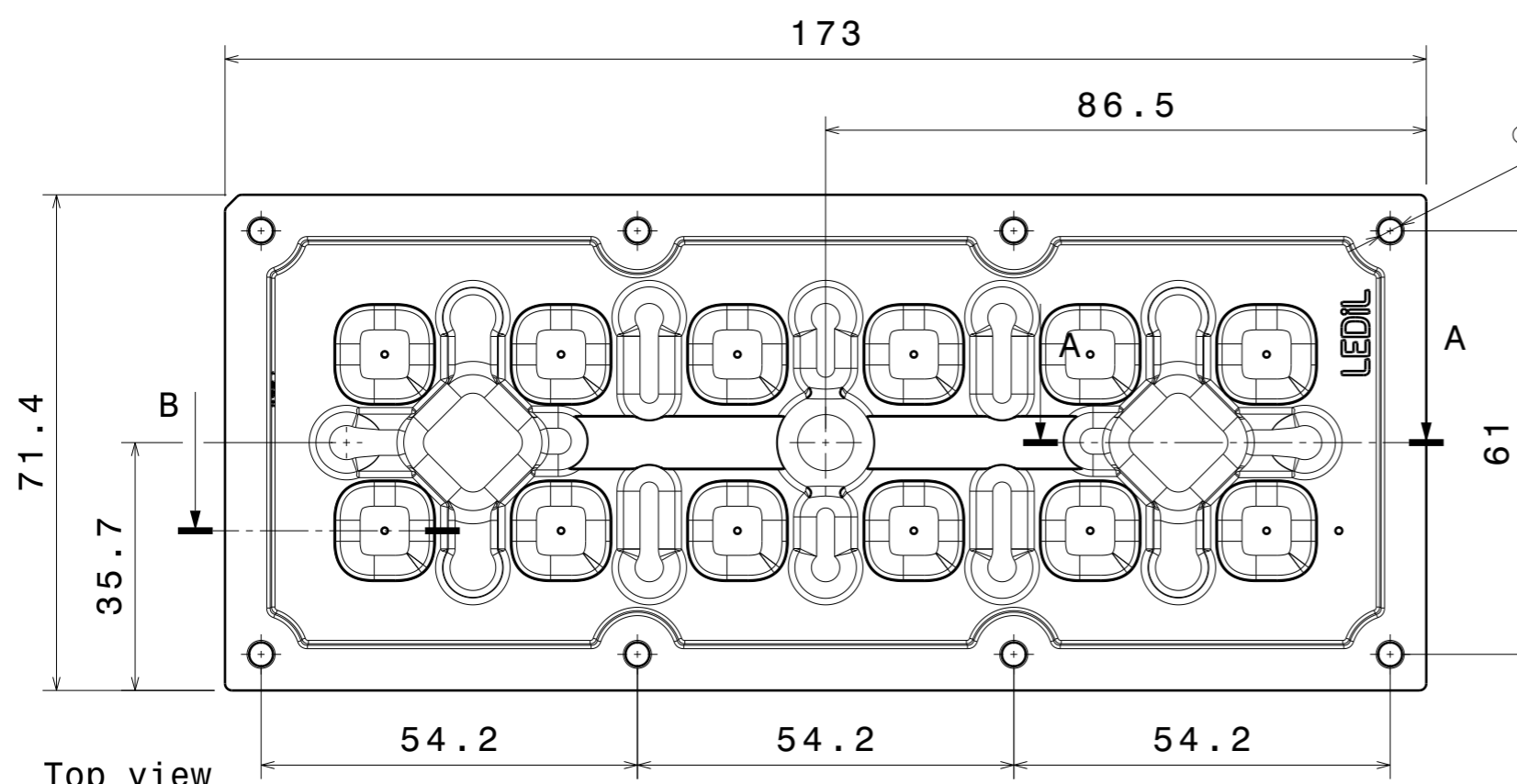
DETAILS

Product Number	CS15020_STRADA-IP-2X6-VSM
Family	Strada
Type	Assembly
Color	clear
Diameter	173 + 71,4 mm
Height	9 mm
Style	rectang
Optic Material	PMMA
Holder Material	
Fastening	
Status	production ready
ROHS Compliant	Yes
Date Updated	30/05/2017



OPTICAL PROPERTIES

LED	Viewing Angle	Light Beam	Efficiency	cd/lm	Connector
SMD 5050	136 deg		94 %	0.350	-
XT-E	142 deg		94 %	0.470	-
XP-G3	sim: 144		sim: 89 %	sim: 0.380	-
XP-G2	140 deg		-	0.550	-
XP-L	145 deg		94 %	0.410	-
XP-L2	142 deg		94 %	0.380	-
H35C1 (LEMWA33)	140 deg		94 %	0.520	-
LUXEON XR-TX (L2T0-xyy012M)	137 deg		94 %	0.540	-
LUXEON T	137 deg		94 %	0.540	-
LUXEON 5050	sim: 143		sim: 92 %	sim: 0.320	-
LUXEON V	139 deg		94 %	0.400	-
NVSxE21A	sim: 136		sim: 93 %	sim: 0.520	-
OSCONIQ P 3737 (3W version)	sim: Asymmetric		sim: 94 %	sim: 0.380	-
Oslon Square Gen3	sim: 142		sim: 91 %	sim: 0.400	-
Oslon SSL 150	sim: 145		sim: 93 %	sim: 0.430	-
Fortimo FastFlex LED board 2x6 DP G4	140 deg		94 %	0.550	-
Fortimo FastFlex LED board 2x6 DPX G4	sim: 144		sim: 89 %	sim: 0.380	-
LH351D	sim: 156		sim: 94 %	sim: 0.330	-
Z5M1/Z5M2	sim: 131		sim: 92 %	sim: 0.510	-
Z8Y22P	137 deg		94 %	0.460	-
SMJQ-D36W12Mx	131 deg		94 %	0.470	-
SMJQ-D36W12Px	137 deg		94 %	0.460	-
Z8Y22	131 deg		94 %	0.470	-



INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	C15019	STRADA-IP-2X6-VSM	PMMA	clear
2	C14018	2x6-SEAL25	Silicone	white

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

LEDiL LediL Oy
Salorankatu 10
FIN 24240 SALO
Finland

THIRD ANGLE PROJECTION:

DRAWING TITLE
CS15020_STRADA-IP-2X6-VSM

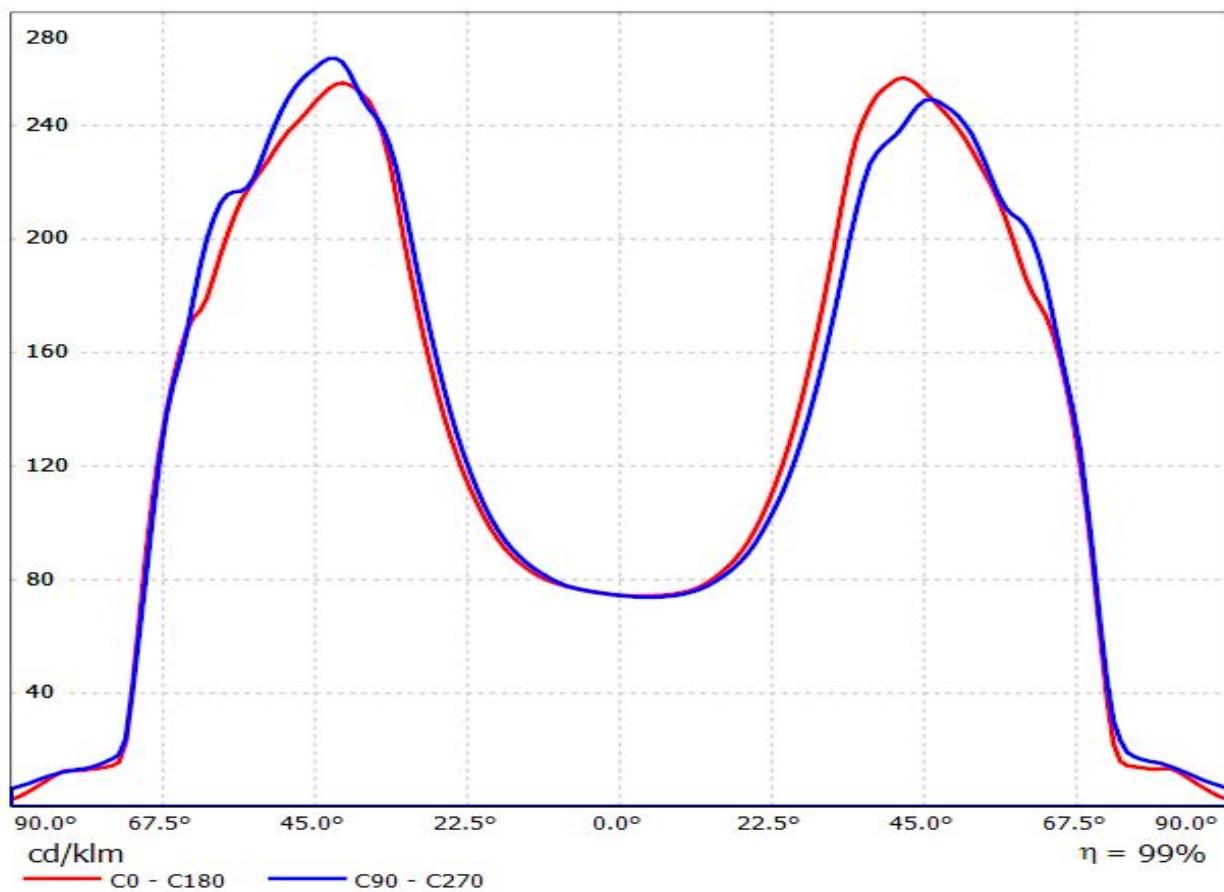
This drawing is the property of LEDiL Oy. It may not be reproduced, copied or communicated without a written agreement with LEDiL Oy.

SIZE: **A3** PART NUMBER: **CS15020**

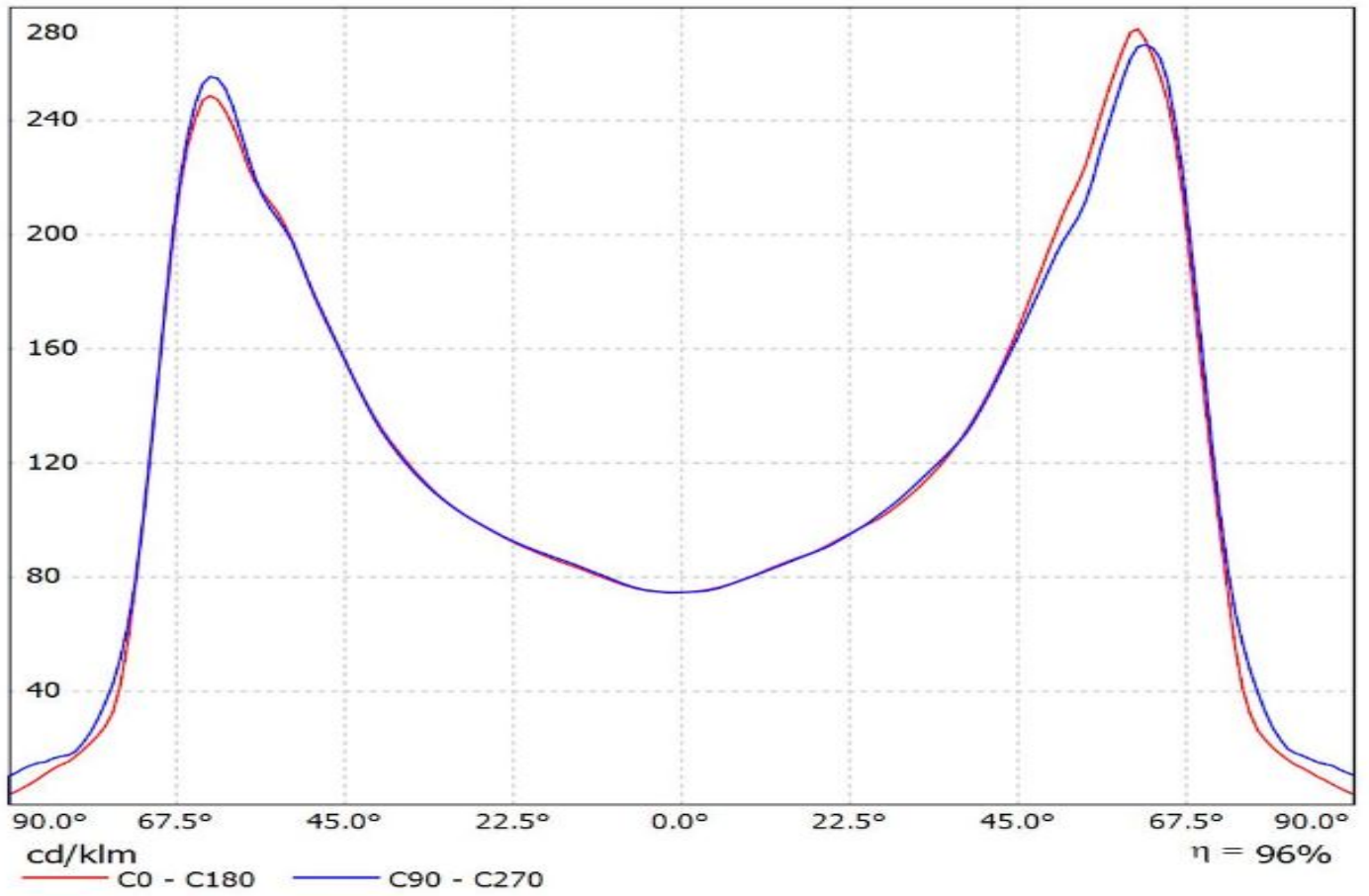
SCALE: 1:1 WEIGHT: 47,1 g SHEET: 1/1

Luminaire: LEDiL Oy CS15020_STRADA-IP-2X6-VSM_(Bridgelux_5050_Gen2)

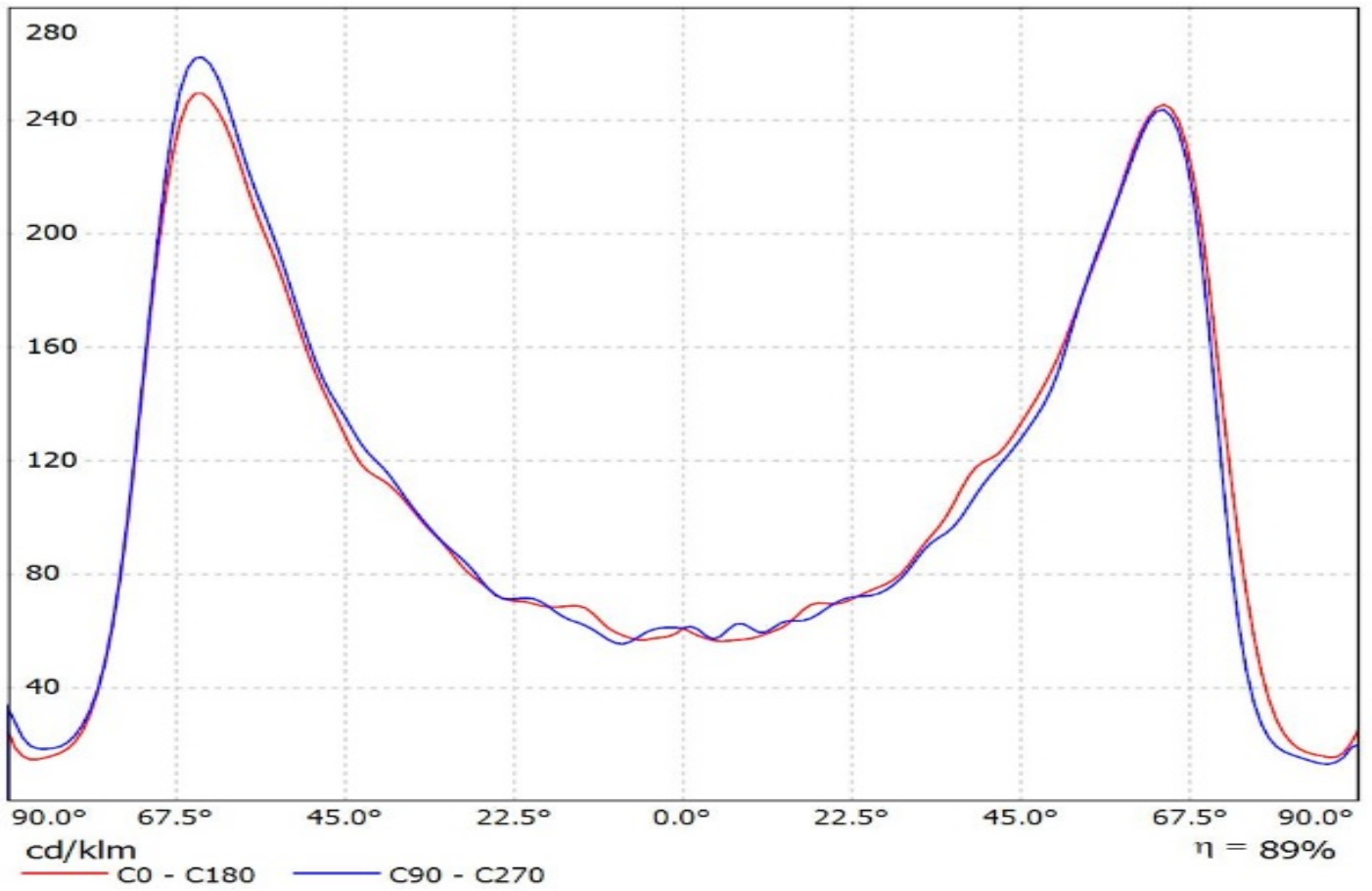
Lamps: 1 x Bridgelux_5050_Gen2_2x6_(BXEP-57C-435-09B)_4268.87lm@250mA_CCT=5700K_P=24.6757W_I=0.25A



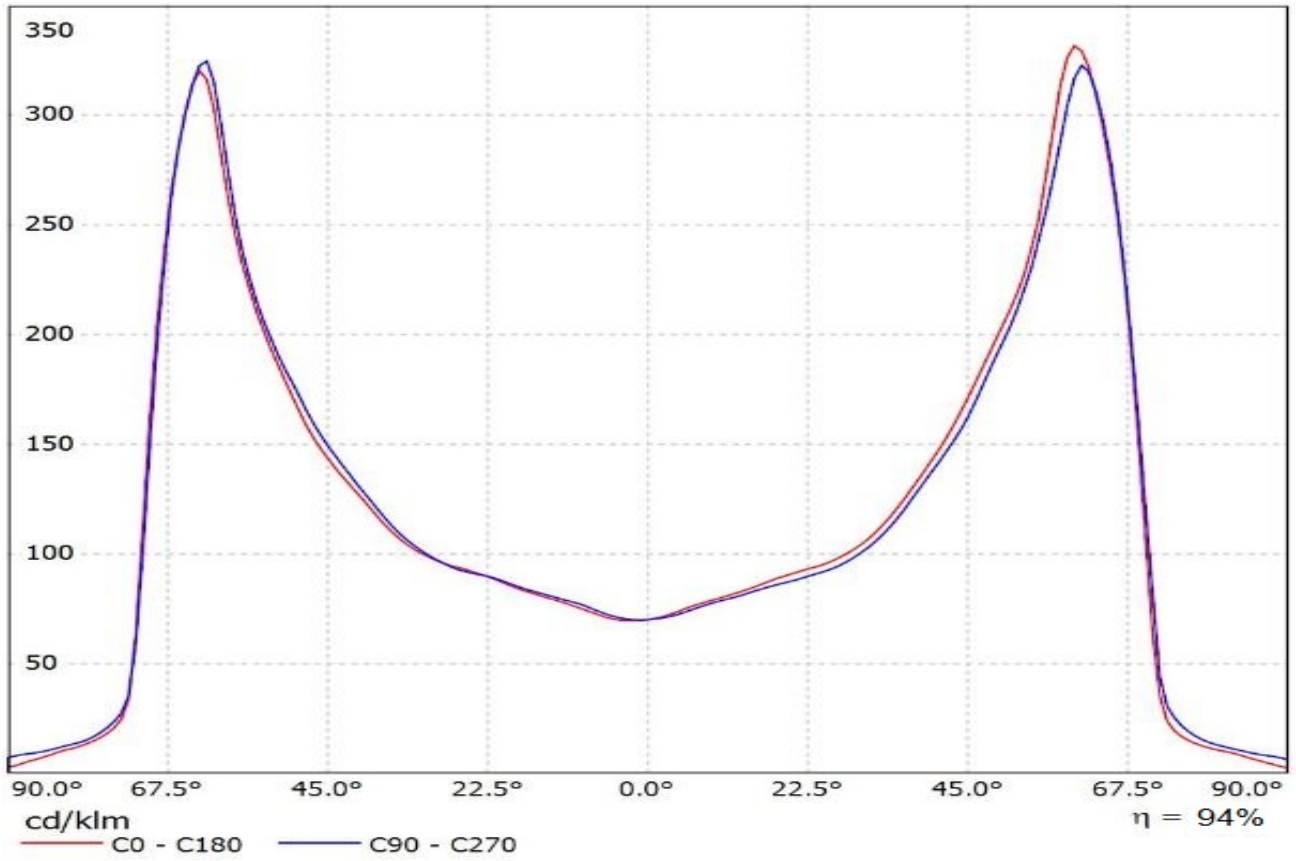
Luminaire: Ledil C15019_STRADA-IP-2X6-VSM_(XT-E)_C4
Lamps: 1 x Cree_XT-E_1286.95lm@250mA_P=8.9200W_I=0.25A



Luminaire: Ledil Oy CS15020_STRADA-IP-2X6-VSM_(XP-G3)_SIMULATED
Lamps: 1 x Cree XP-G3

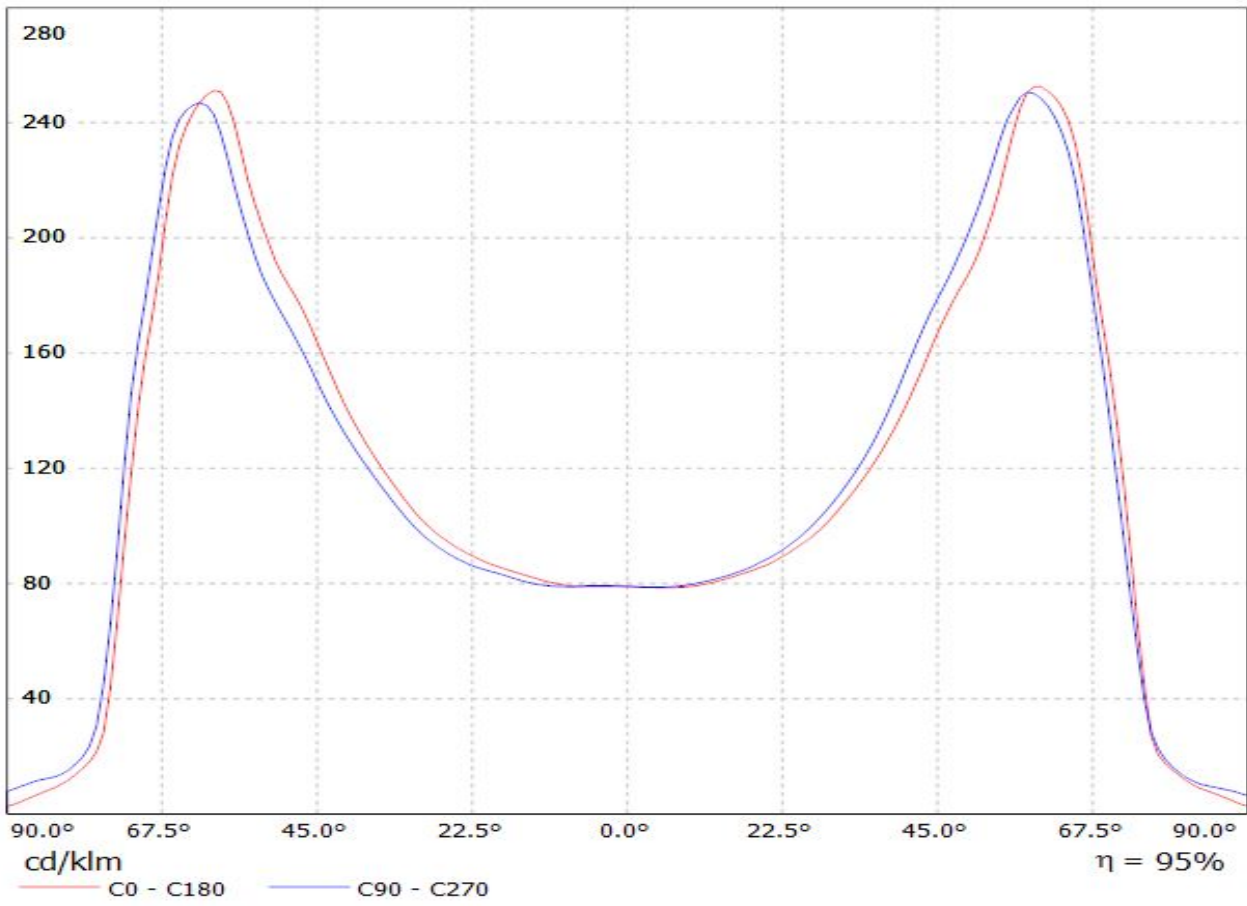


Luminaire: Ledil CS15020_STRADA-IP-2X6-VSM_(XP-G2)
Lamps: 1 x Cree_XP-G2_2x6_1265.56lm@250mA_P=8.6335W_I=0.25A

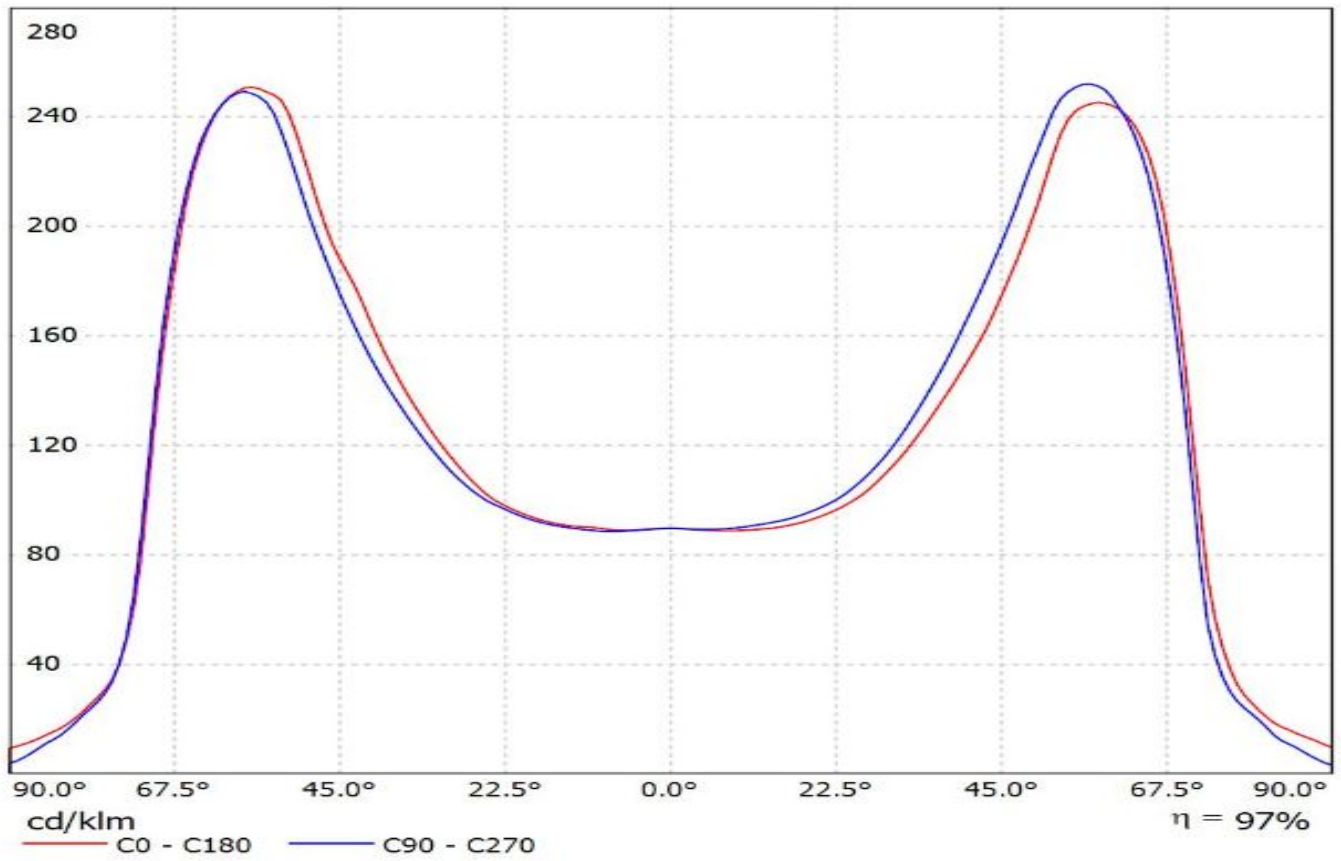


Luminaire: LEDiL Oy CS15020_STRADA-IP-2X6-VSM_(XP-L)

Lamps: 1 x Cree_XP-L_(XPLAWT-0-7A3-U50-0H-0001)_1258.85lm@250mA_P=8.27562W_I=0.250A

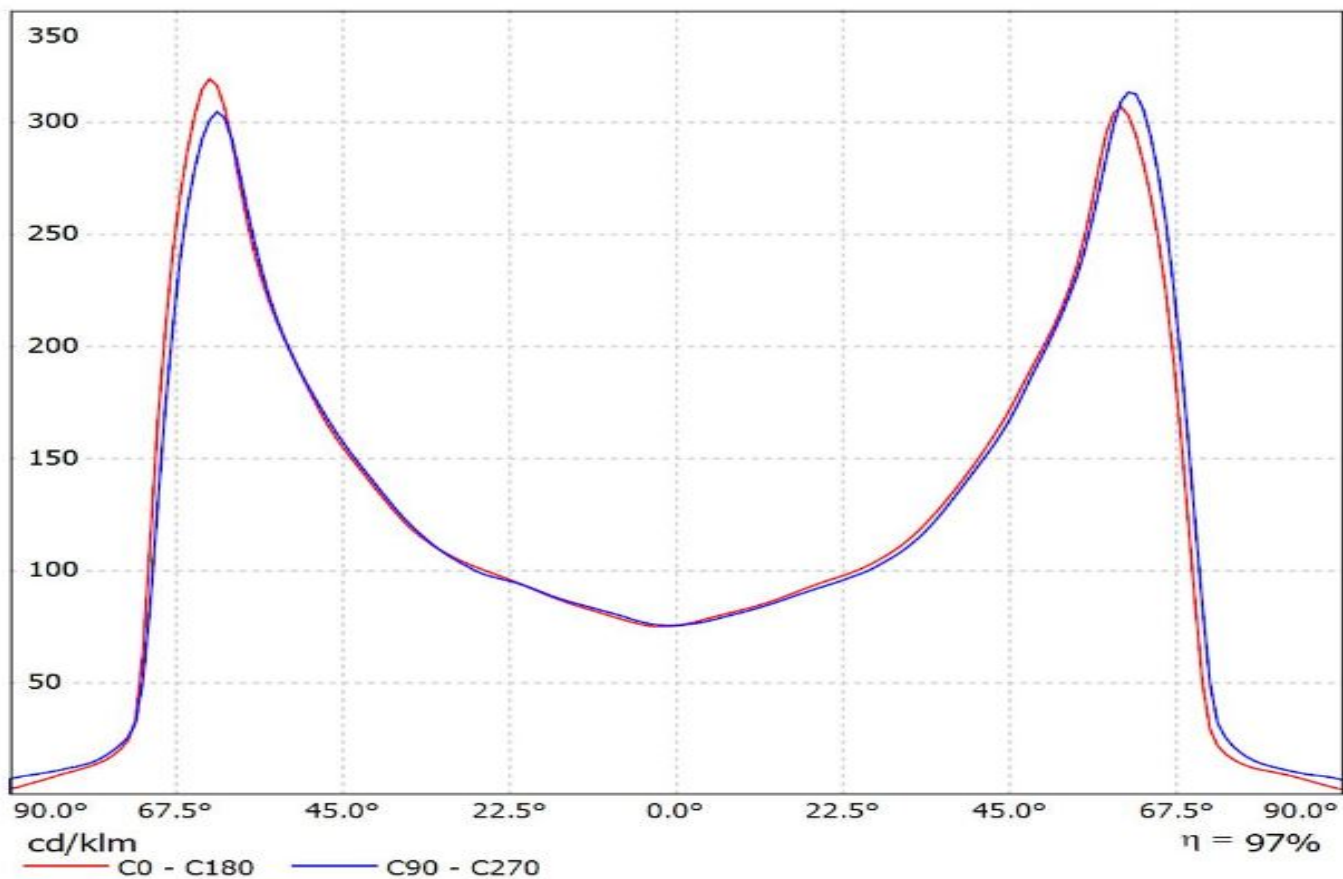


Luminaire: Ledil CS15020_STRADA-IP-2X6-VSM_(XP-L2)
Lamps: 1 x Cree_XP-L2x12_(XPGBWT-H1-3B0-R5-0-01)
1666.32lm@250mA_CCT=5000_P=8.239W_I=0.25A

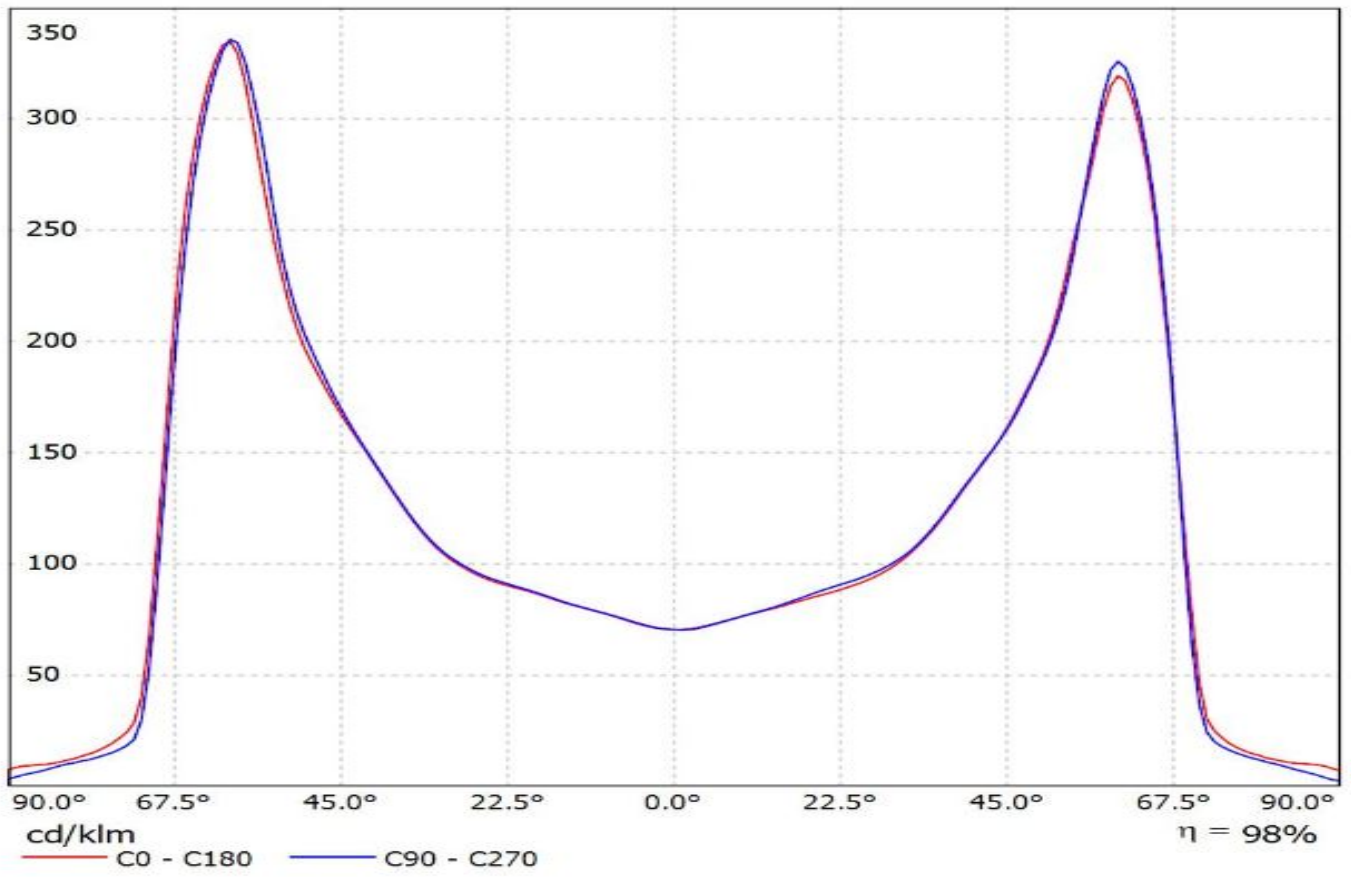


Luminaire: Ledil CS15020_STRADA-IP-2X6-VSM_(H35C1)

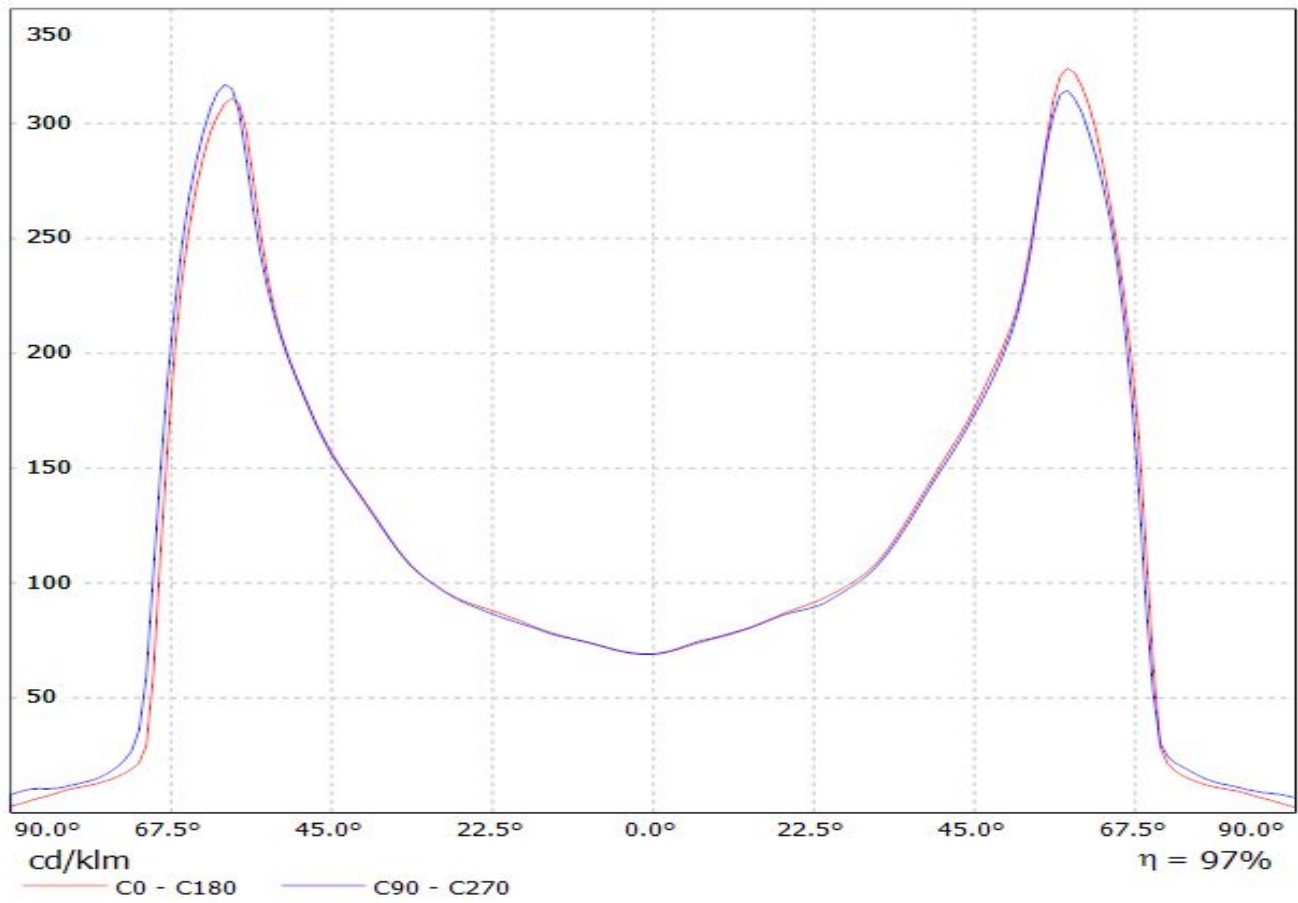
Lamps: 1 x LG_H35C1_2x6_1389.53lm@250mA_CCT=5700_P=8.59425W_I=0.250A



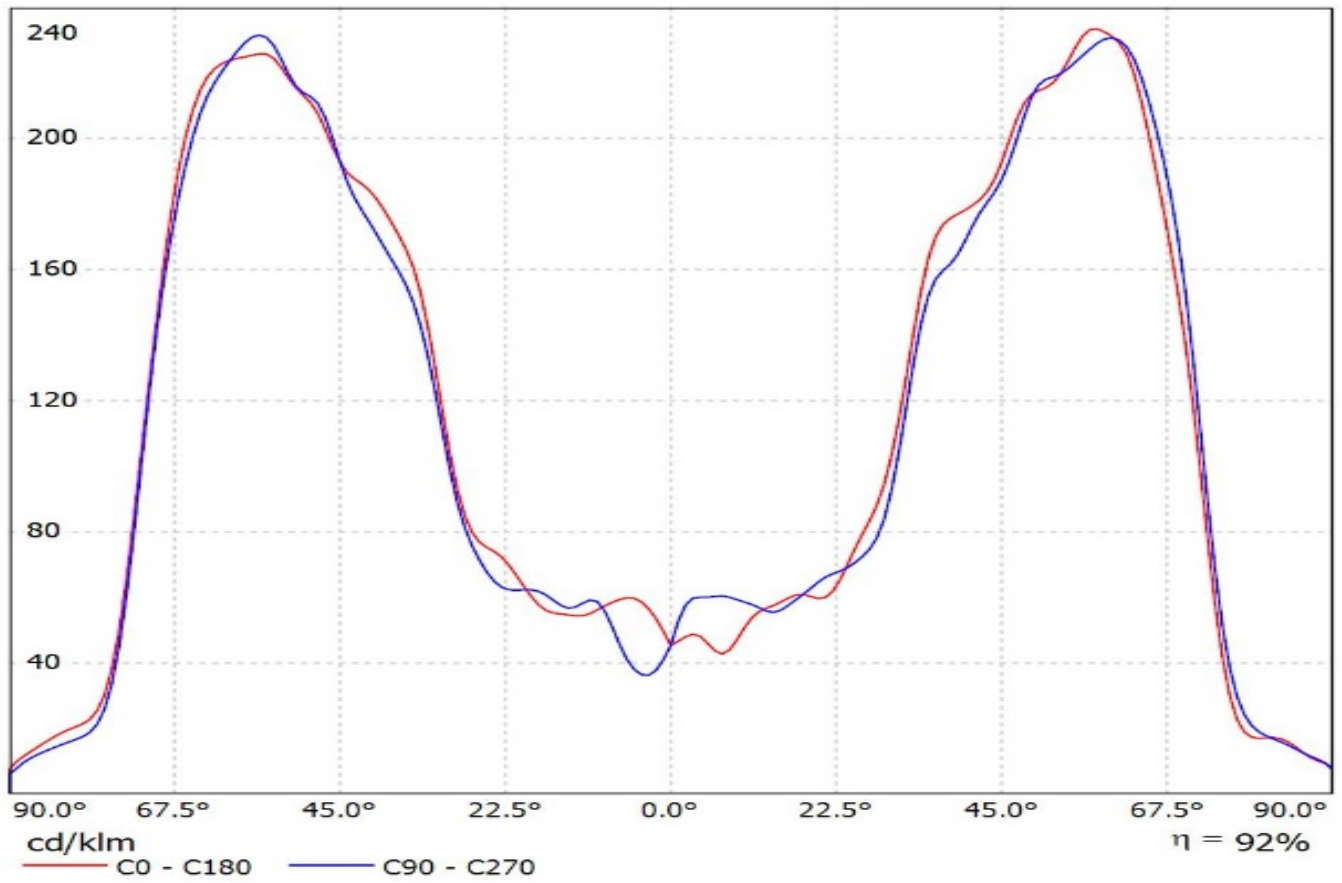
Luminaire: Ledil CS15020_STRADA-IP-2X6-VSM_(Luxeon_XR-TX)
Lamps: 1 x Luxeon_XR-TX_2x6_1376.06lm@250mA_P=8.3883W_I=0.25A



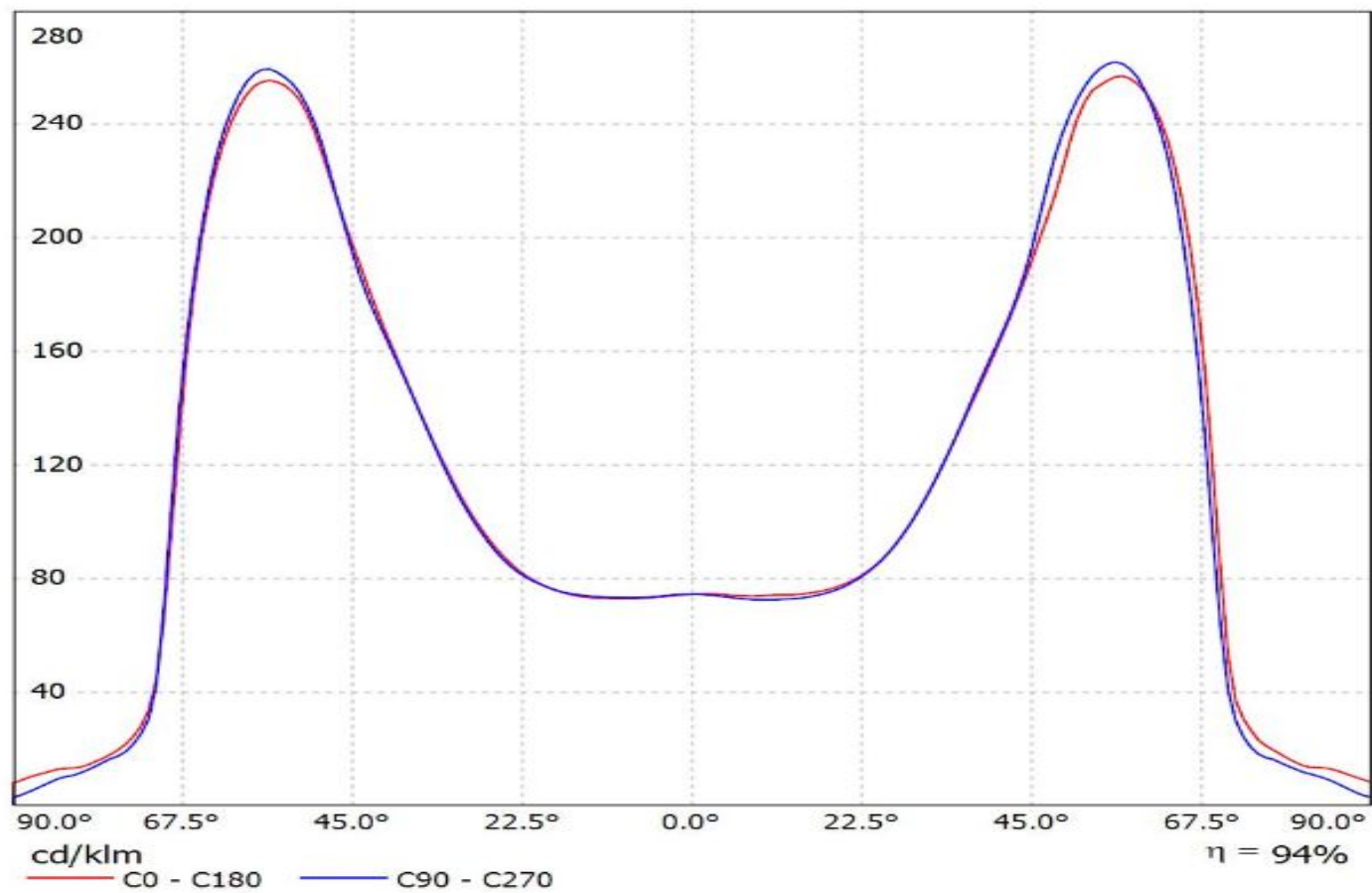
Luminaire: LEDiL Oy CS15020_STRADA-IP-2X6-VSM_(Luxeon_T)
Lamps: 1 x Luxeon_T_(LXH8-FW30)_1040.41lm@250mA_P=8.49754W_I=0.250A



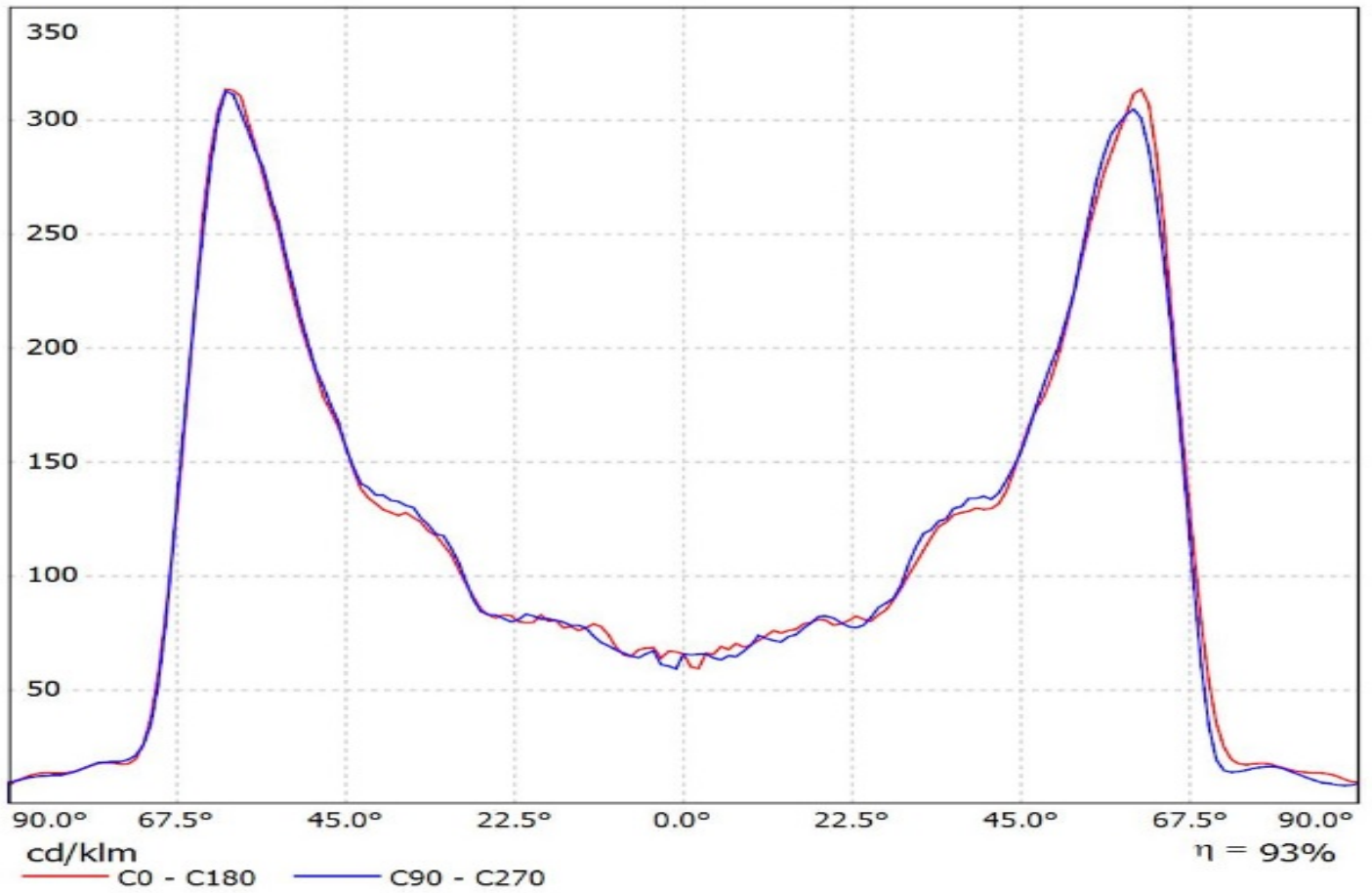
Luminaire: Ledil Oy CS15020_STRADA-IP-2X6-VSM_LUXEON-5050_SIMULATED
Lamps: 1 x Lumileds Luxeon 5050



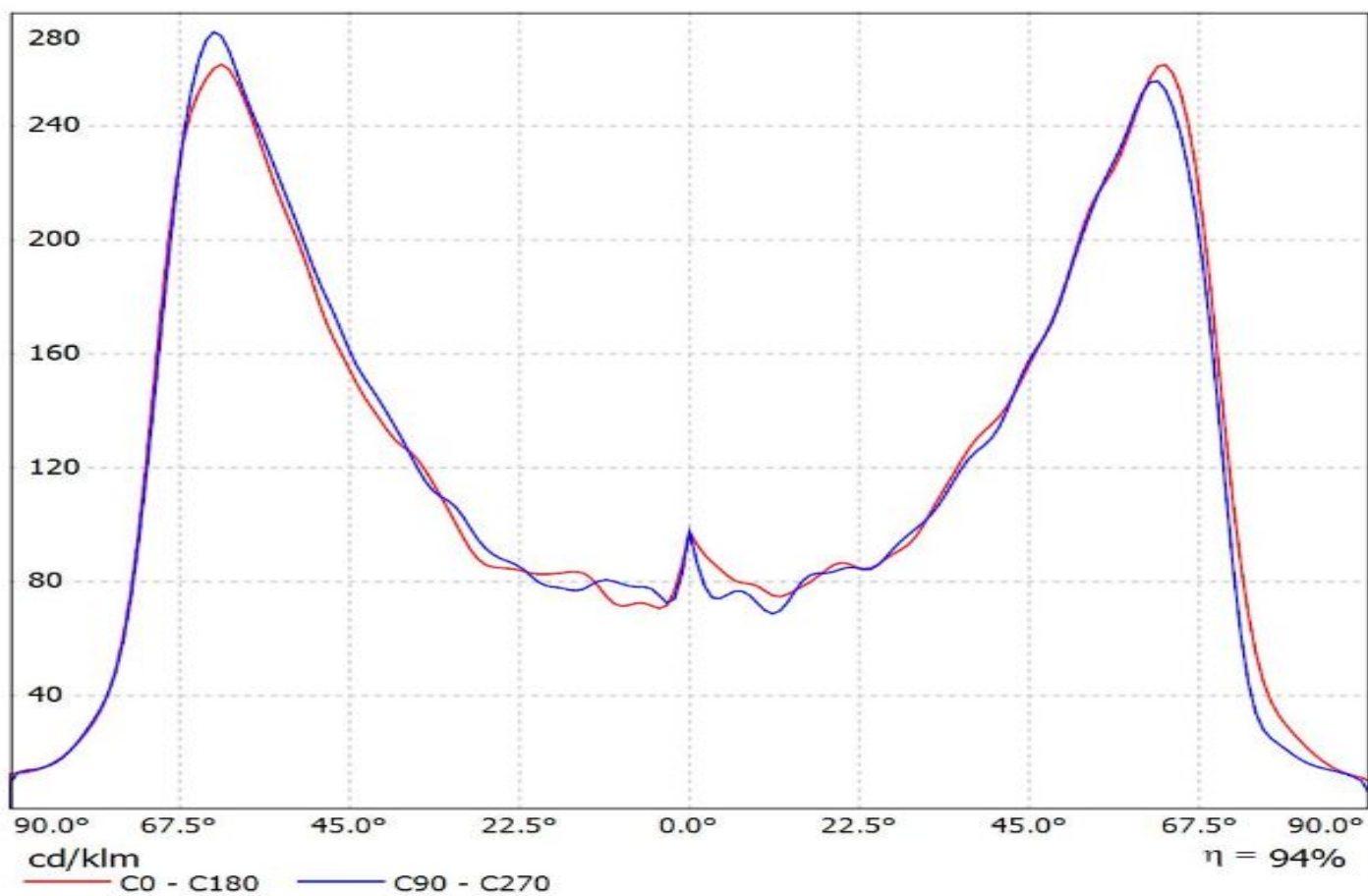
Luminaire: Ledil CS15020_STRADA-IP-2X6-VSM_(Luxeon_V)
Lamps: 1 x Lumileds_Luxeon_V_1451.92lm@250mA_P=8.21196W_U=32.860V



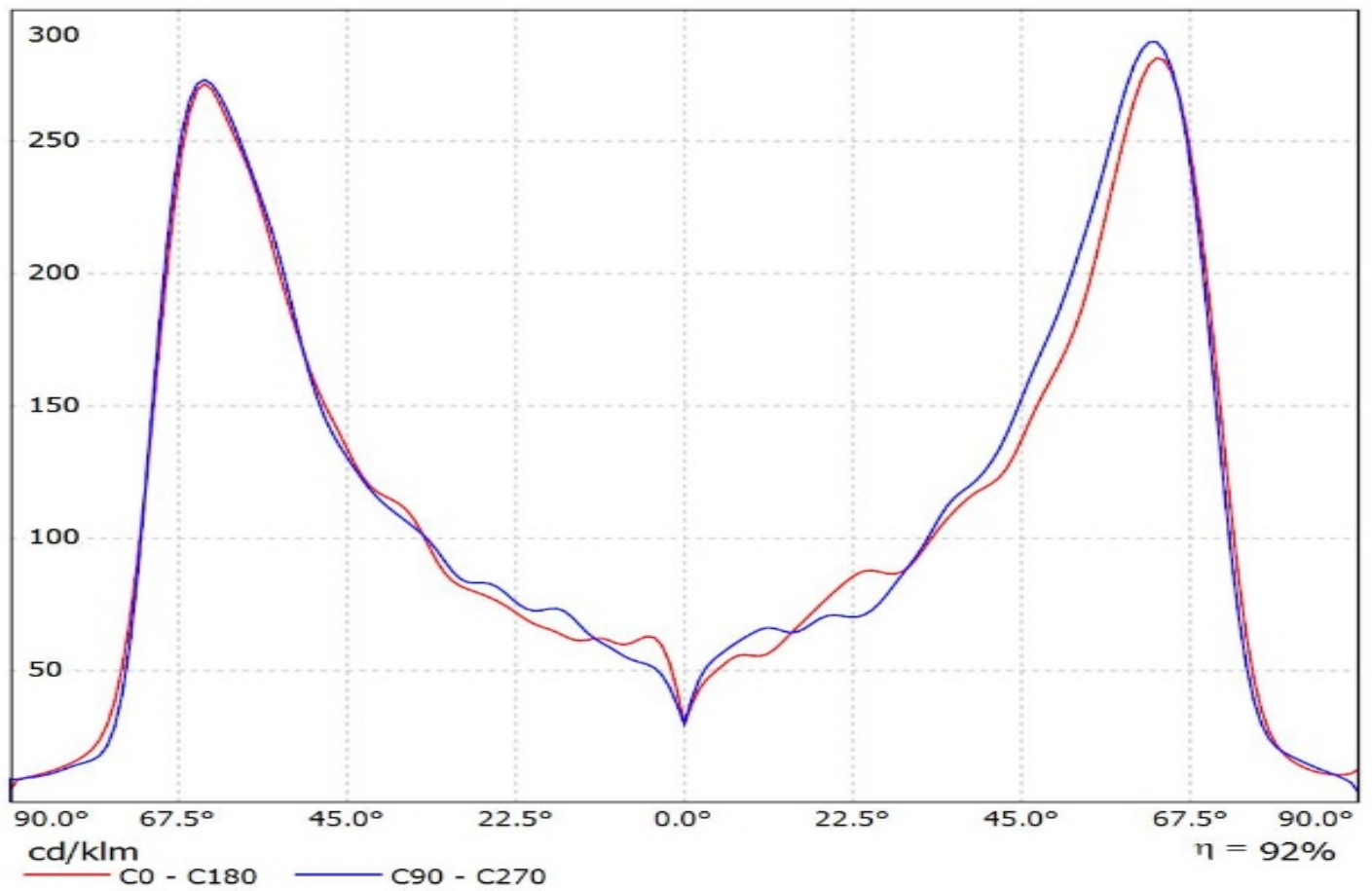
Luminaire: Ledil Oy CS15020_STRADA-IP-2X6-VSM_(NVSxE21A)_SIMULATED
Lamps: 1 x Nichia NVSWE21A



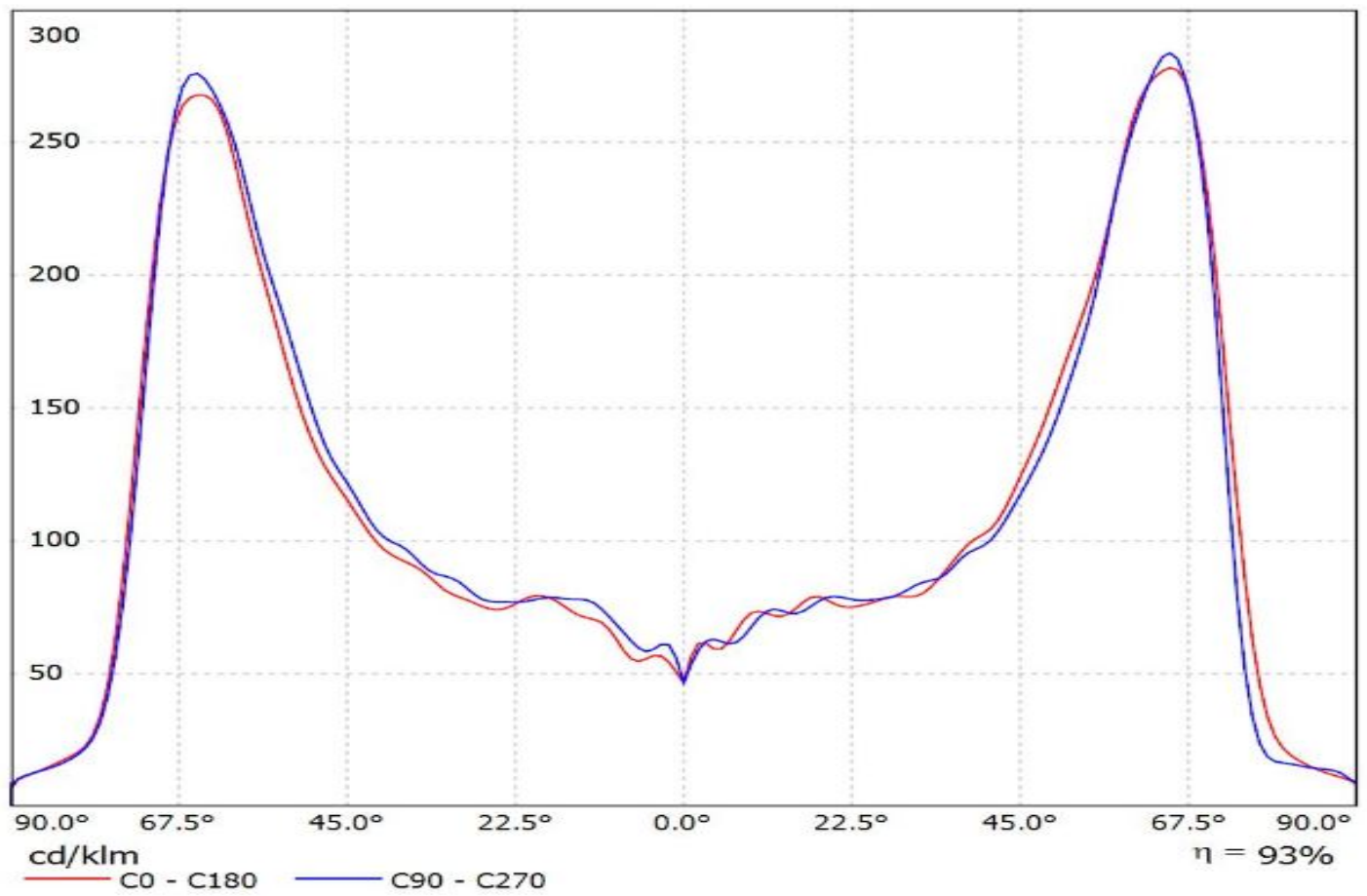
Luminaire: Ledil Oy CS15020_STRADA-IP-2X6-VSM_OSRAM_DURIS_P9_SIMULATED
Lamps: 1 x OSRAM DURIS P9



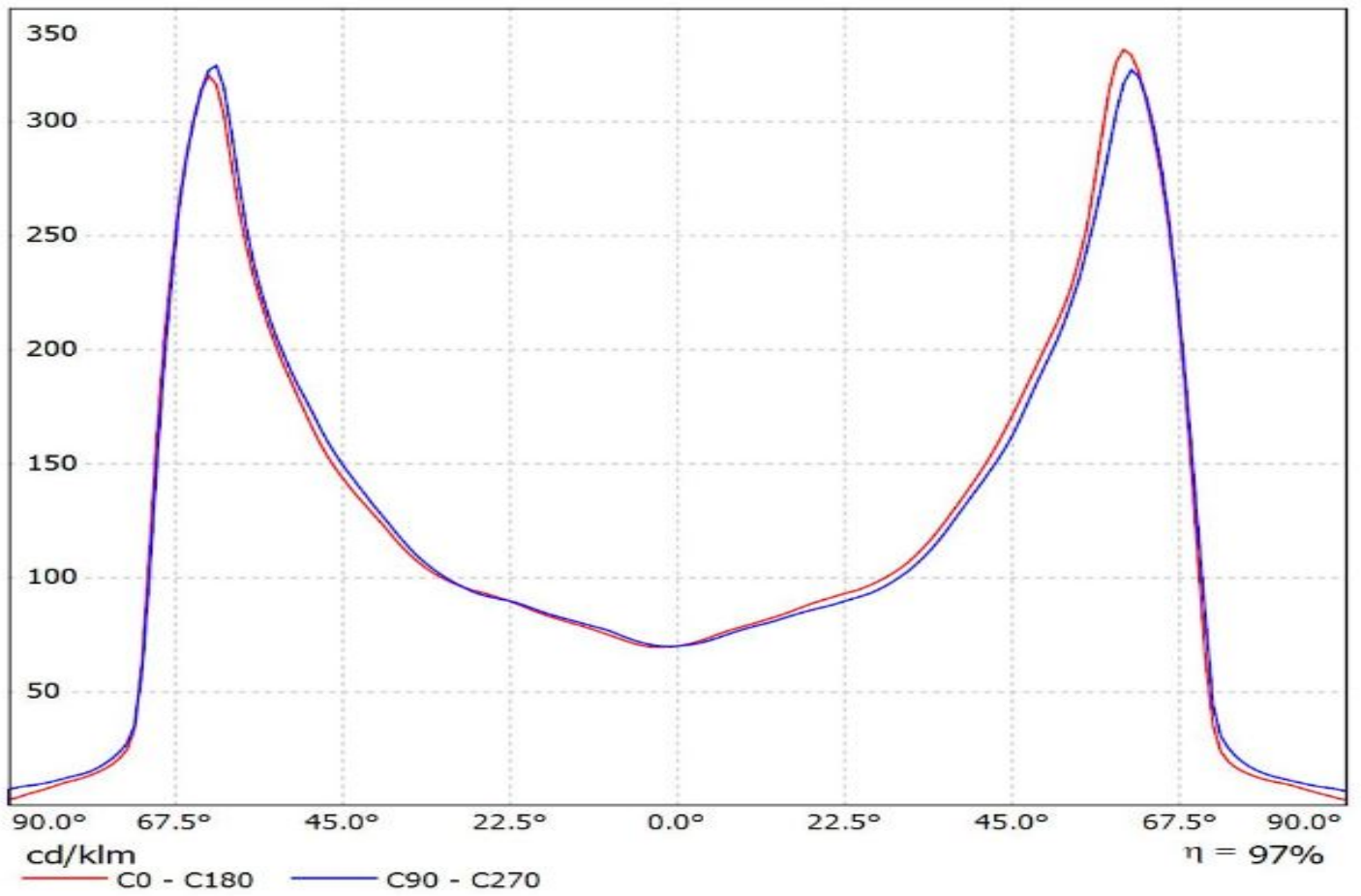
Luminaire: Ledil Oy CS15020_STRADA-IP-2X6-VSM_OSL-SQ-Gen3_SIMULATED
Lamps: 1 x Osram Oslon Square Gen3 (CSSRM2pm)



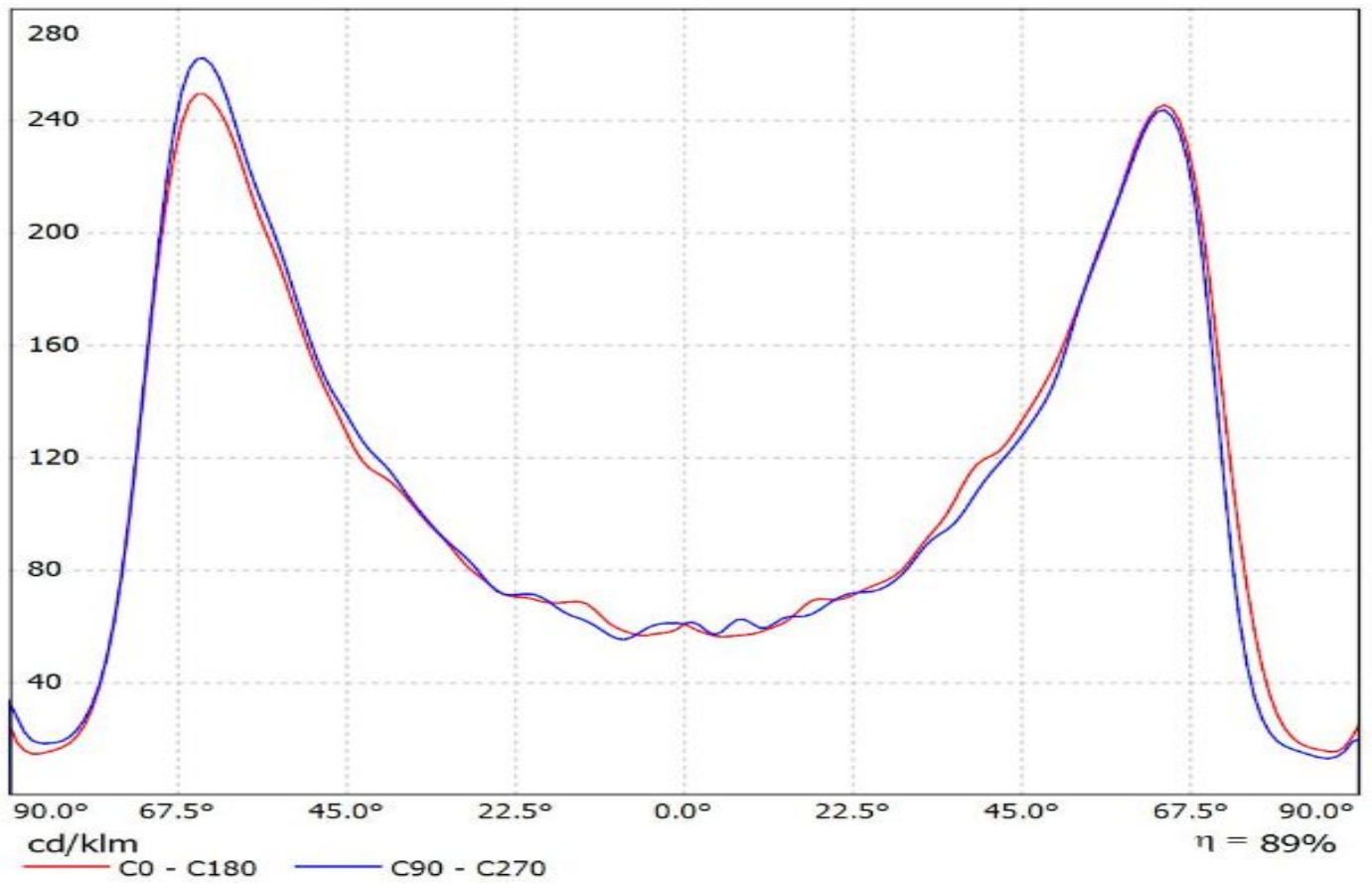
Luminaire: Ledil Oy CS15020_STRADA-IP-2X6-VSM_(Oslon Square SSL 150)_SIMULATED
Lamps: 1 x Osram Oslon SSL 150



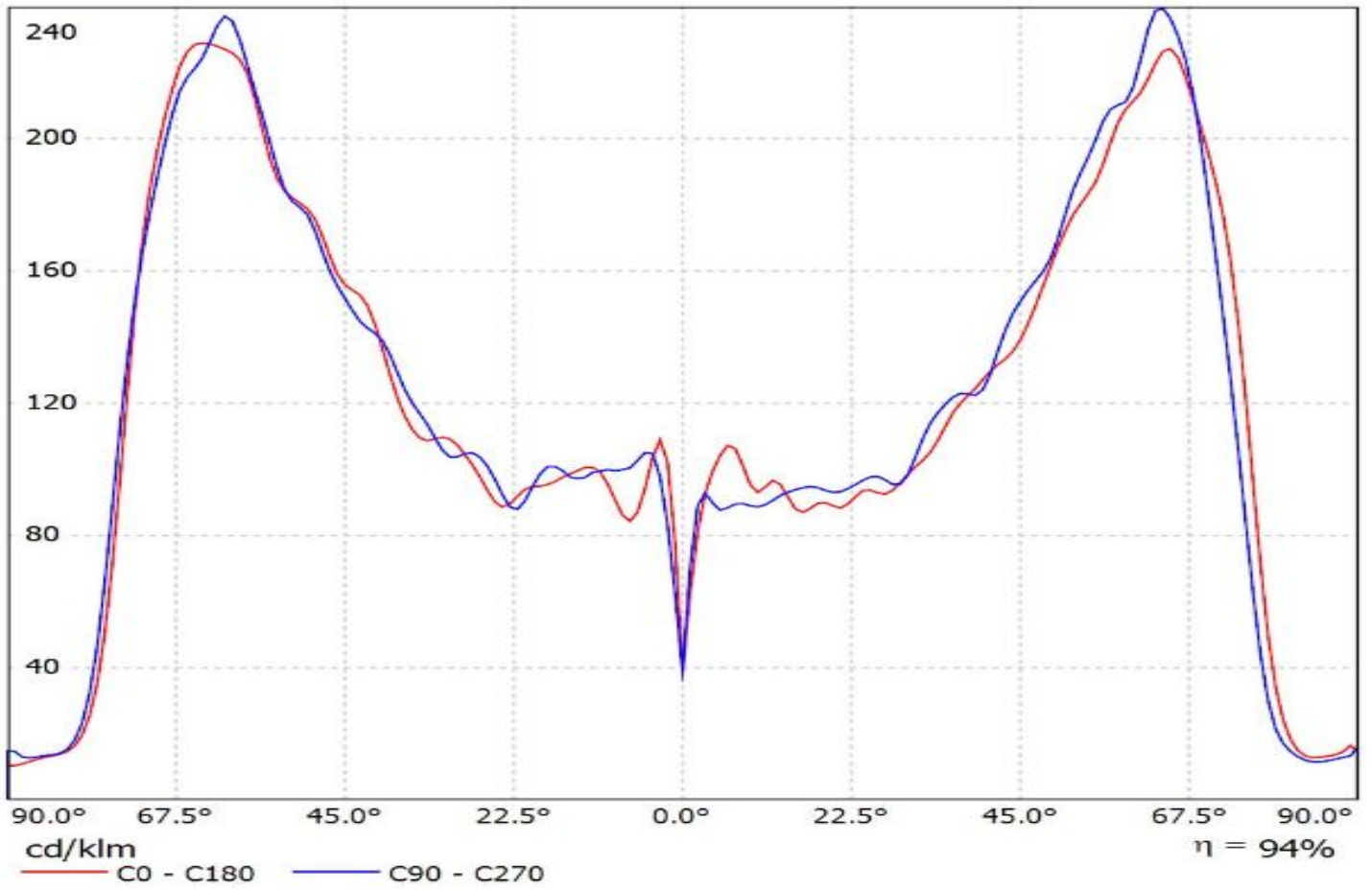
Luminaire: Ledil CS15020_STRADA-IP-2X6-VSM_Fortimo FastFlex LED board 2x6 DP G4
Lamps: 1 x Fortimo FastFlex LED board 2x6 DP G4



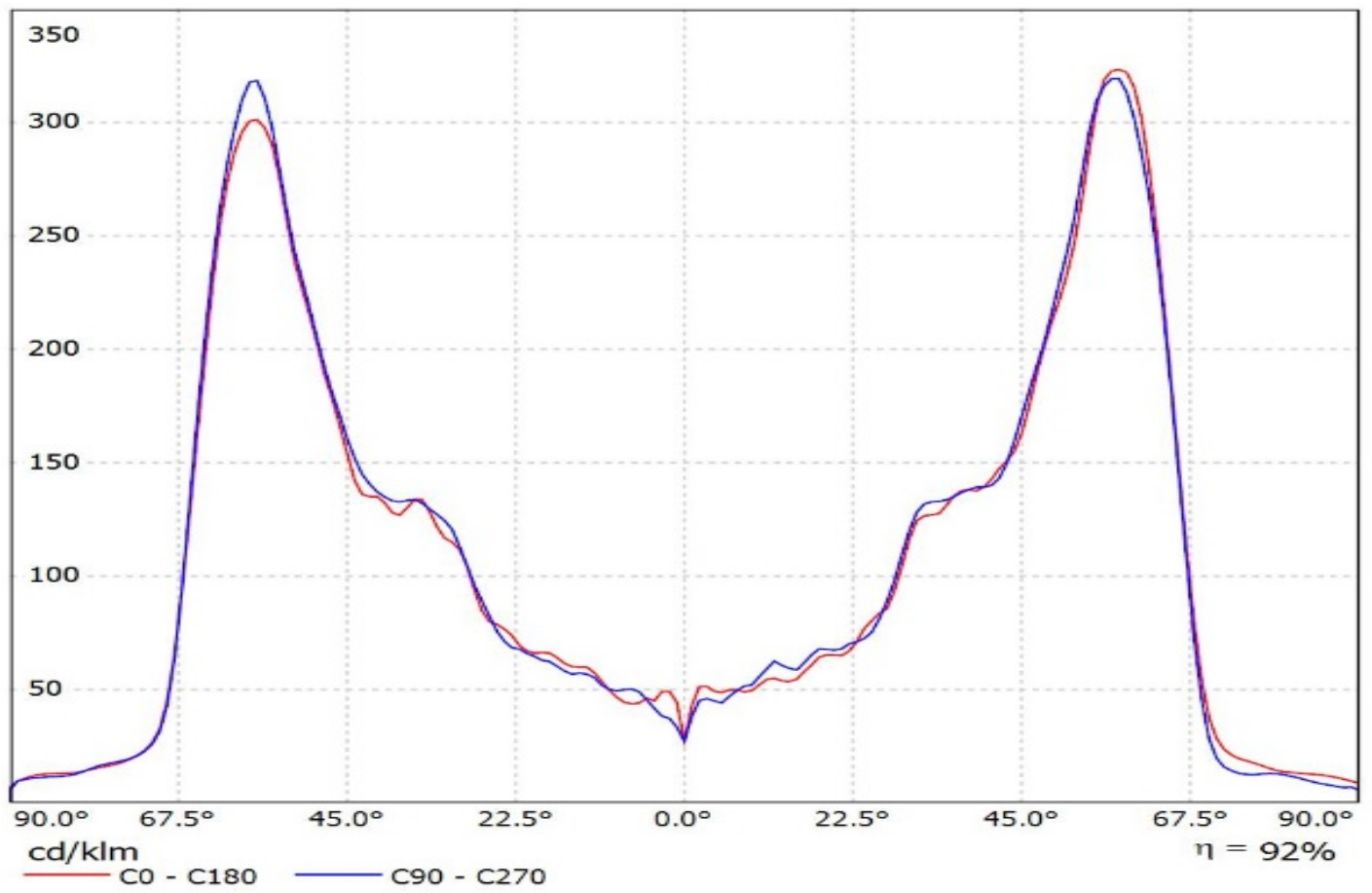
Luminaire: Ledil Oy CS15020_STRADA-IP-2X6-VSM_Fortimo FastFlex LED board 2x6 DPX
G4_SIMULATED
Lamps: 1 x Fortimo FastFlex LED board 2x6 DPX G4_SIMULATED



Luminaire: Ledil Oy CS15020_STRADA-IP-2X6-VSM_(LH351D)_SIMULATED
Lamps: 1 x Samsung LH351D

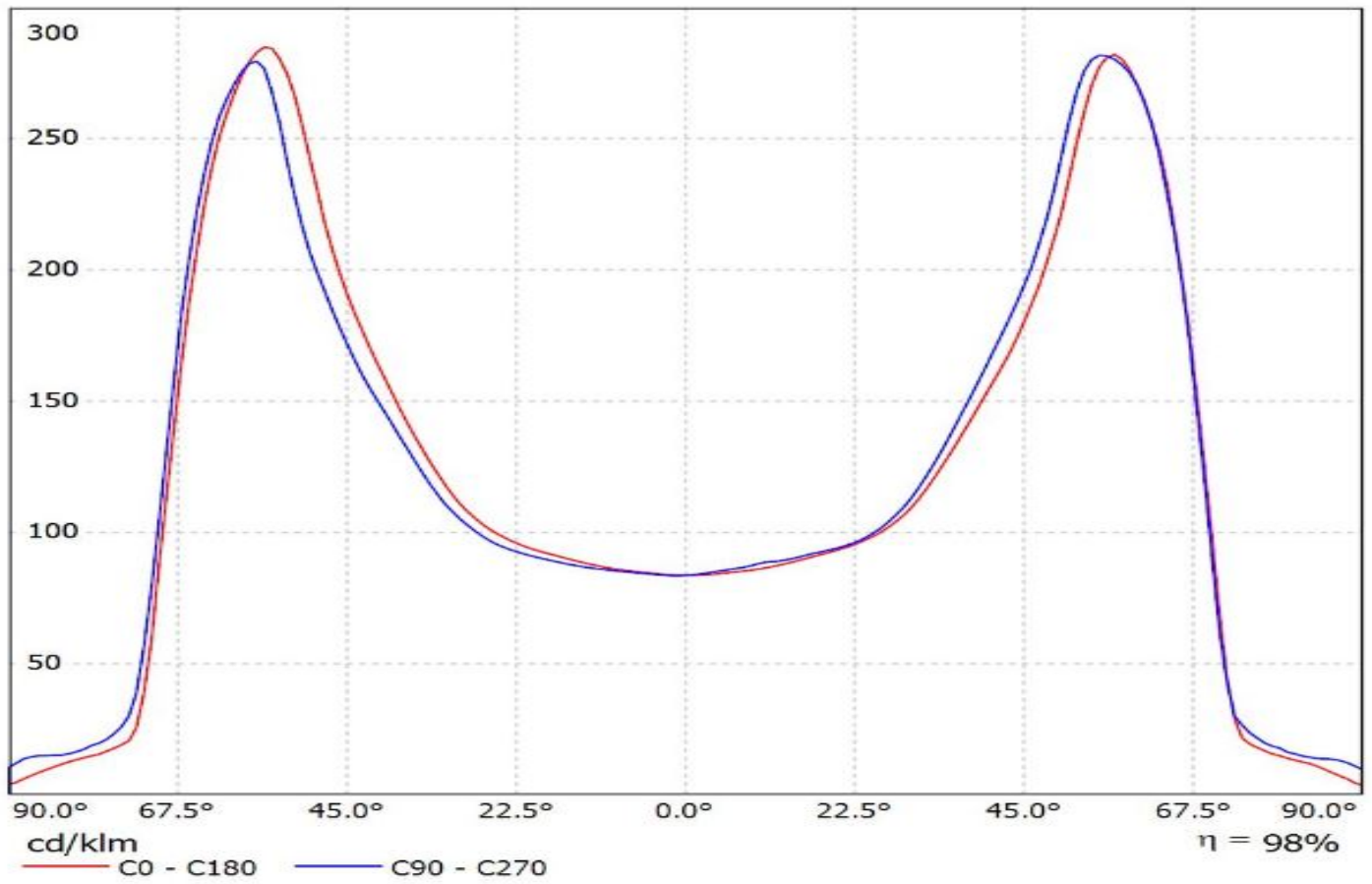


Luminaire: Ledil Oy CS15020_STRADA-IP-2X6-VSM_(Z5M1)_SIMULATED
Lamps: 1 x Seoul Z5M1

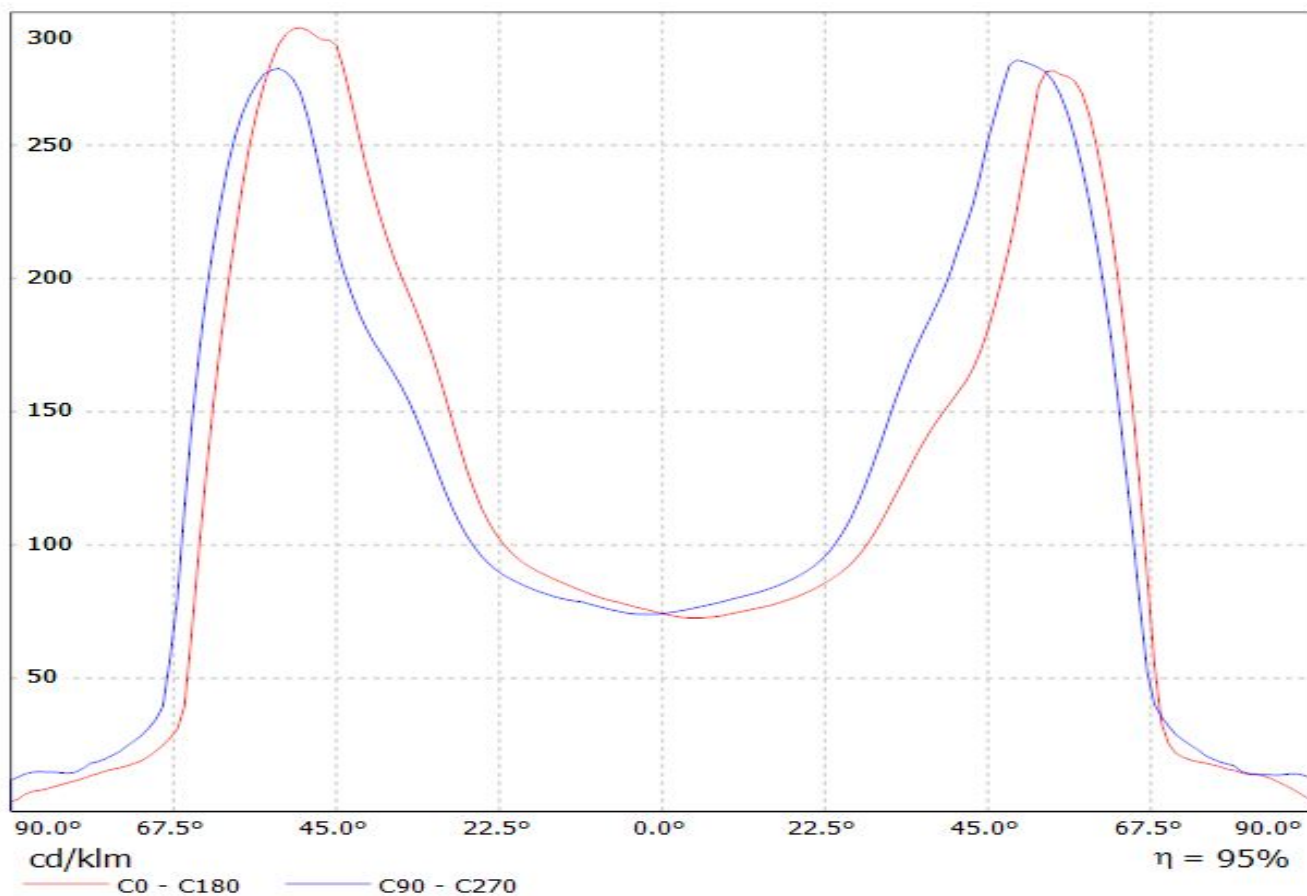


Luminaire: Ledil CS15020_HB-IP-2X6-VSM_(Z8Y22_PLUS)

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

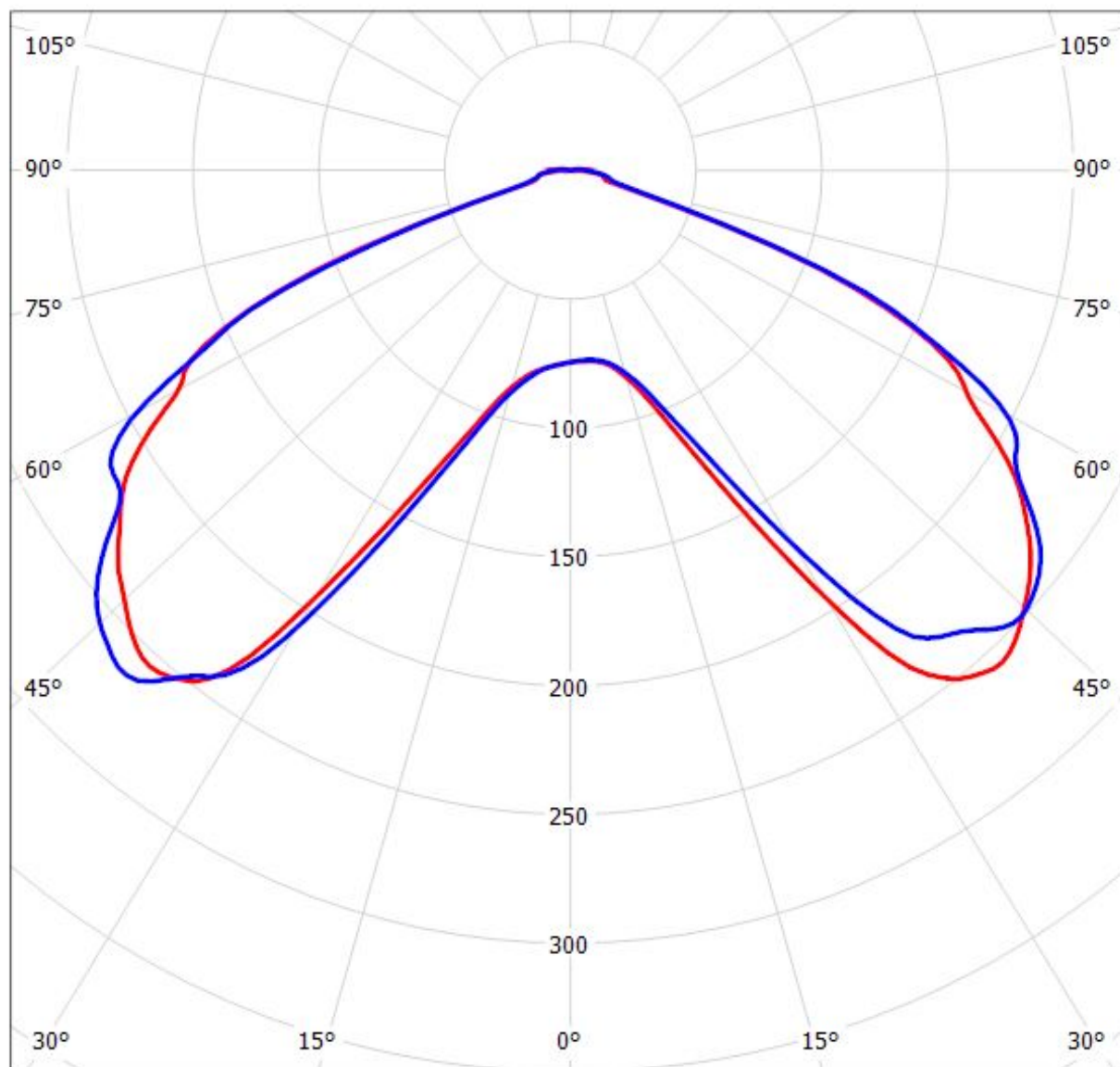


Luminaire: LEDiL Oy CS15020_STRADA-IP-2X6-VSM_(SMJQ-D36W12Mx)
Lamps: 1 x Seoul_SMJQ-D36W12Mx_3765.02@700mA_P=23.6218W_I=0.25A



Luminaire: LEDiL Oy CS15020_STRADA-IP-2X6-VSM_(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

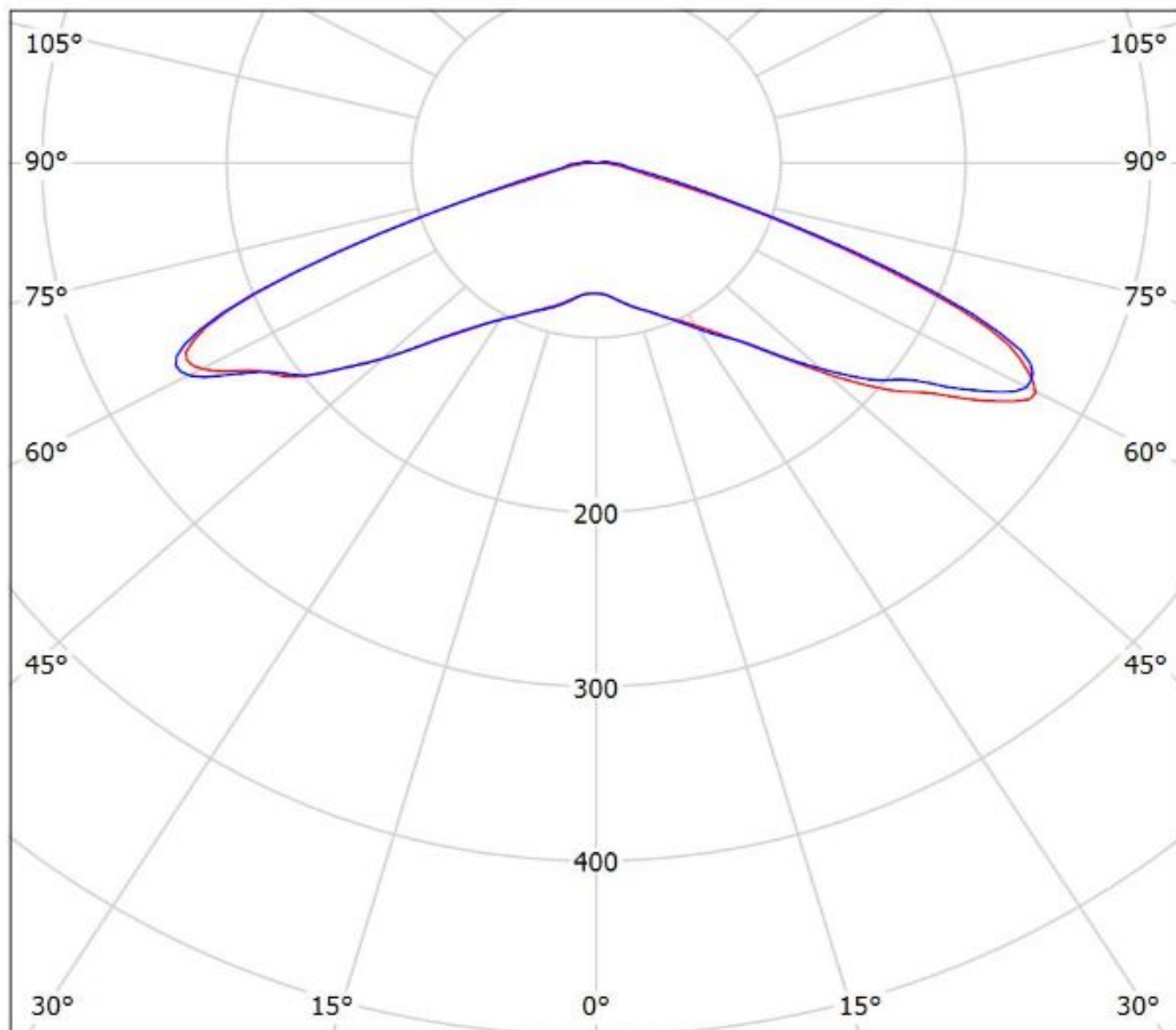


cd/klm

— C0 - C180 — C90 - C270

$\eta = 99\%$

Luminaire: Ledil C15019_STRADA-IP-2X6-VSM_(XT-E)_C4
Lamps: 1 x Cree_XT-E_1286.95lm@250mA_P=8.9200W_I=0.25A



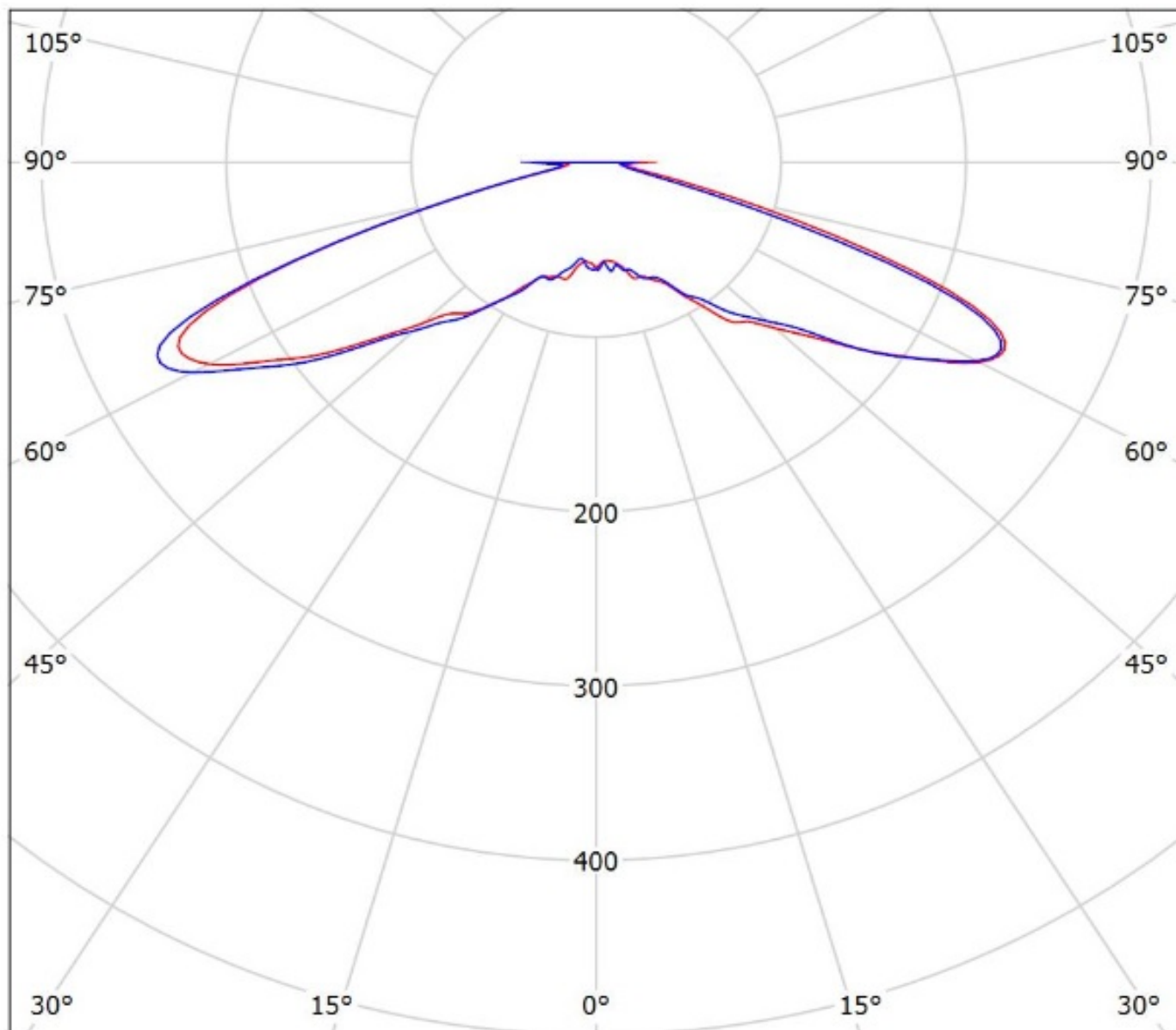
cd/klm

— C0 - C180 — C90 - C270

$\eta = 96\%$

Luminaire: Ledil Oy CS15020_STRADA-IP-2X6-VSM_(XP-G3)_SIMULATED

Lamps: 1 x Cree XP-G3

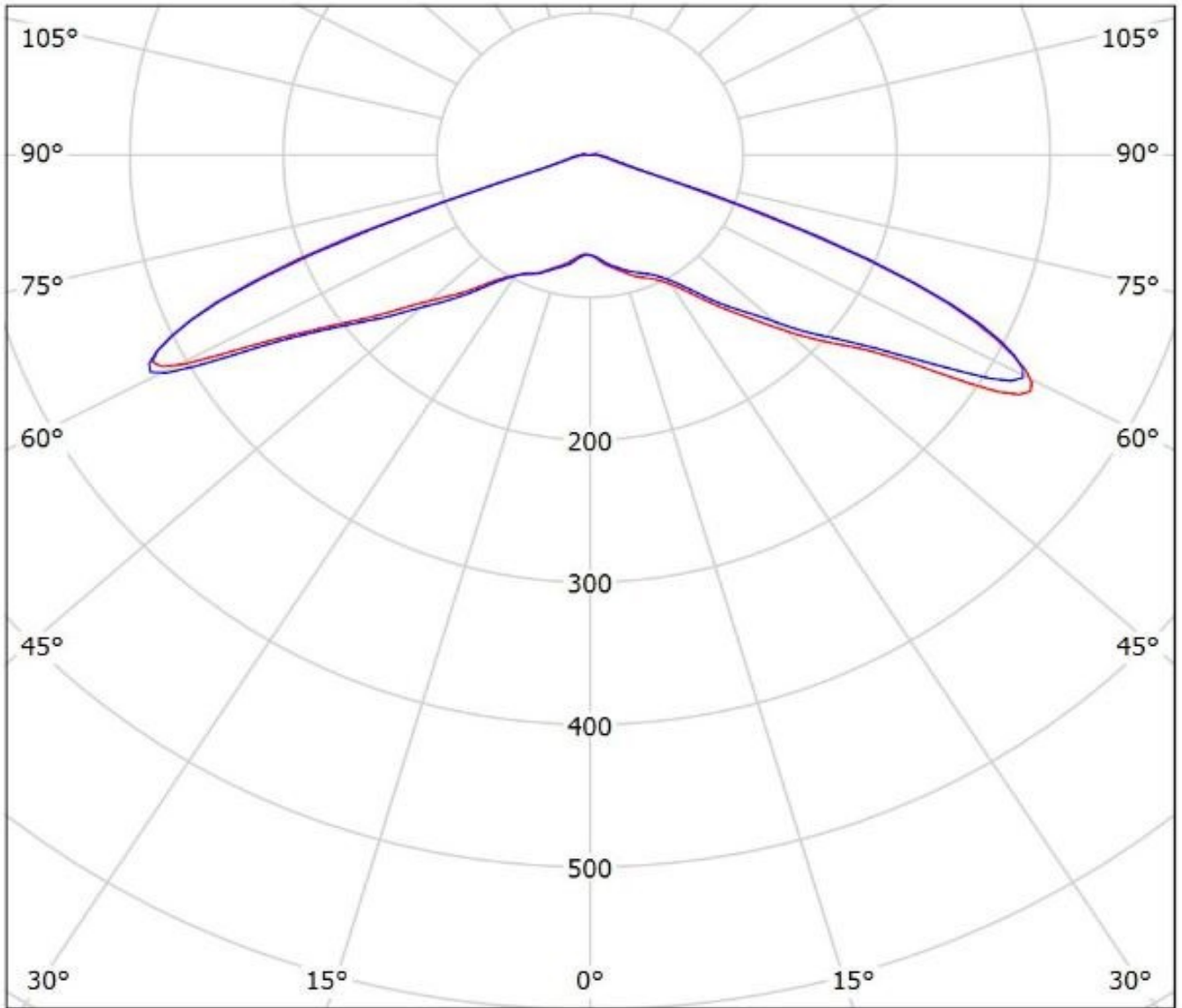


cd/klm

— C0 - C180 — C90 - C270

$\eta = 89\%$

Luminaire: Ledil CS15020_STRADA-IP-2X6-VSM_(XP-G2)
Lamps: 1 x Cree_XP-G2_2x6_1265.56lm@250mA_P=8.6335W_I=0.25A

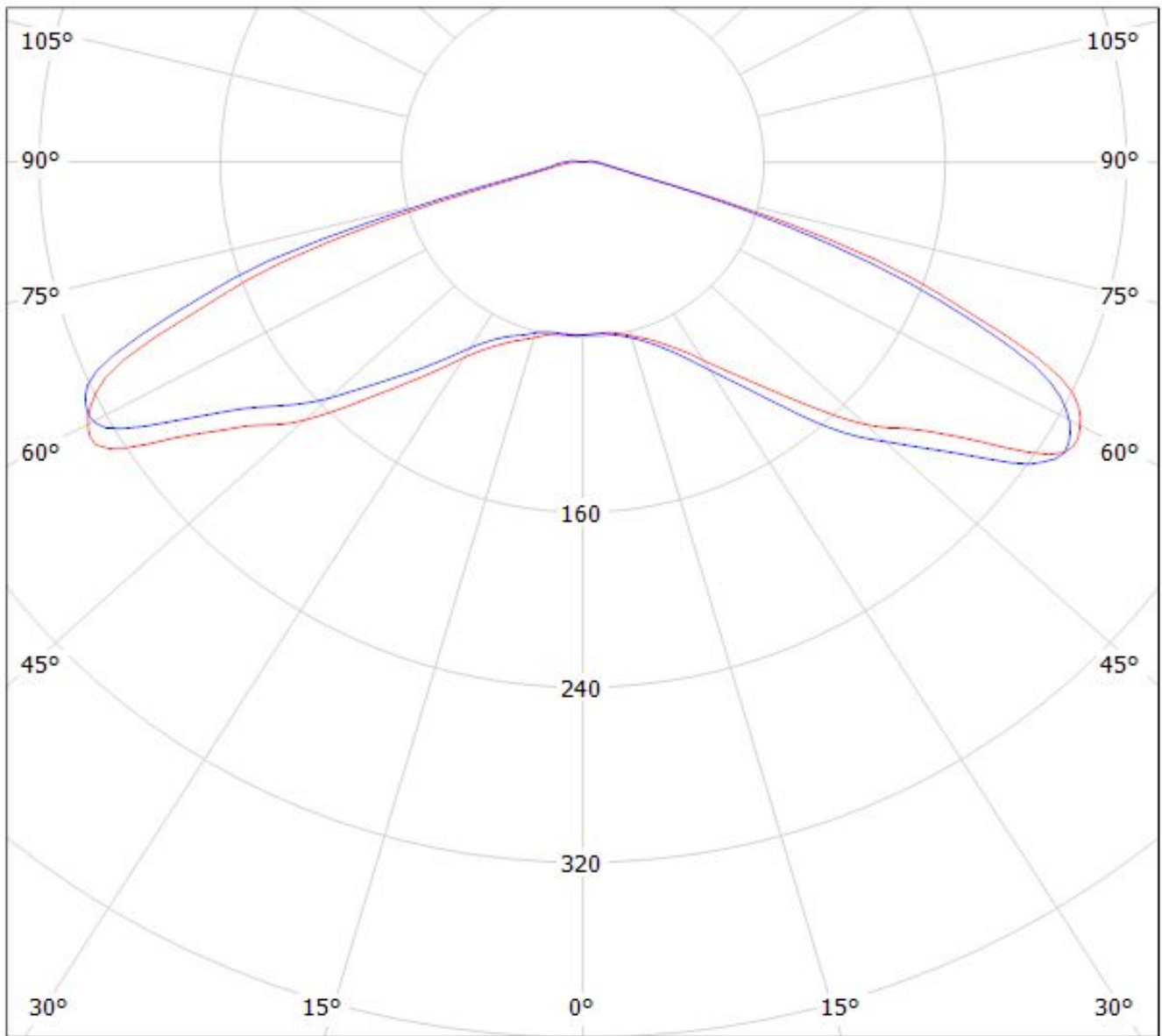


$\eta = 94\%$

cd/klm
— C0 - C180 — C90 - C270

Luminaire: LEDiL Oy CS15020_STRADA-IP-2X6-VSM_(XP-L)

Lamps: 1 x Cree_XP-L_(XPLAWT-0-7A3-U50-0H-0001)_1258.85lm@250mA_P=8.27562W_I=0.250A



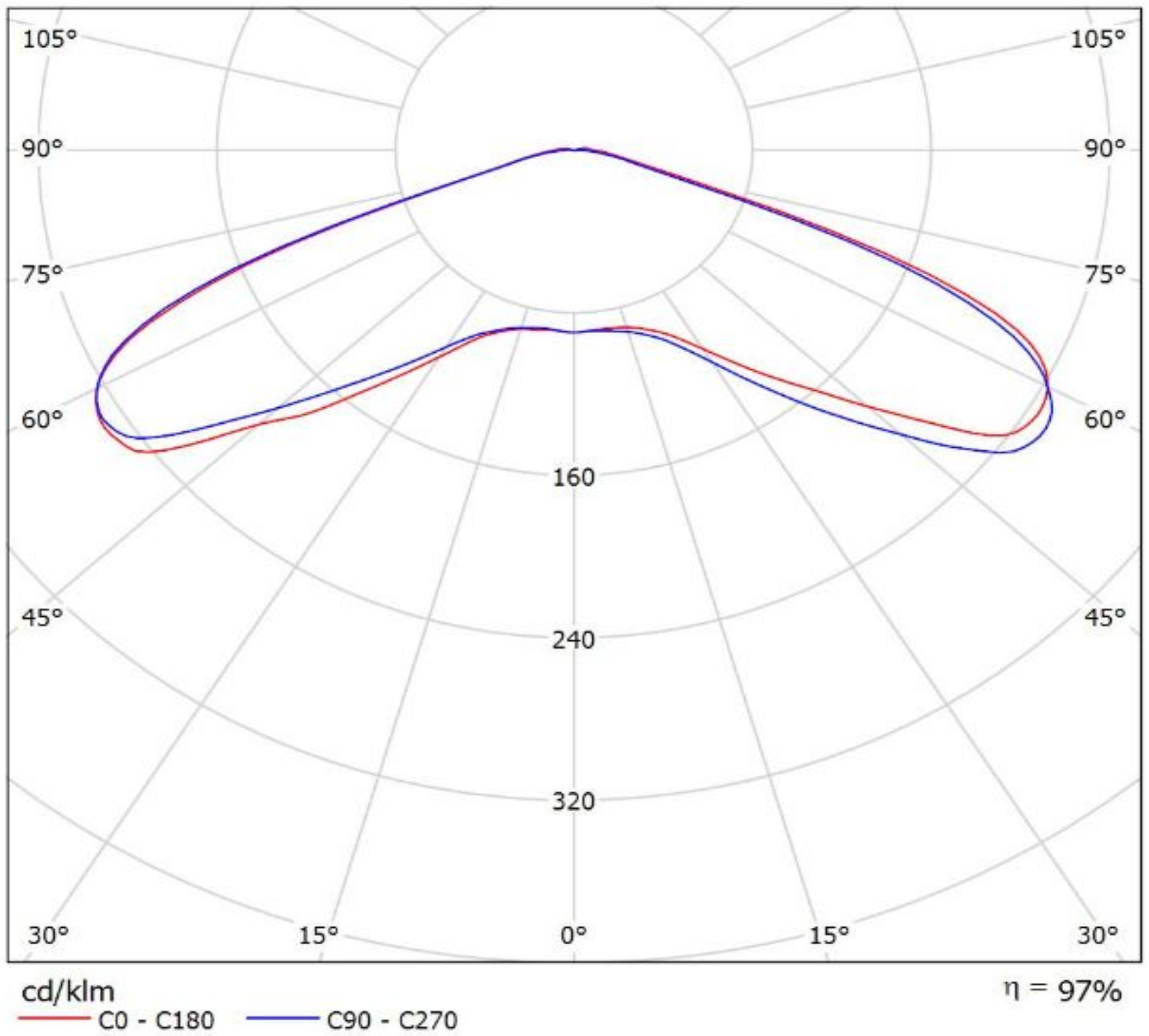
cd/klm

$\eta = 95\%$

— C0 - C180

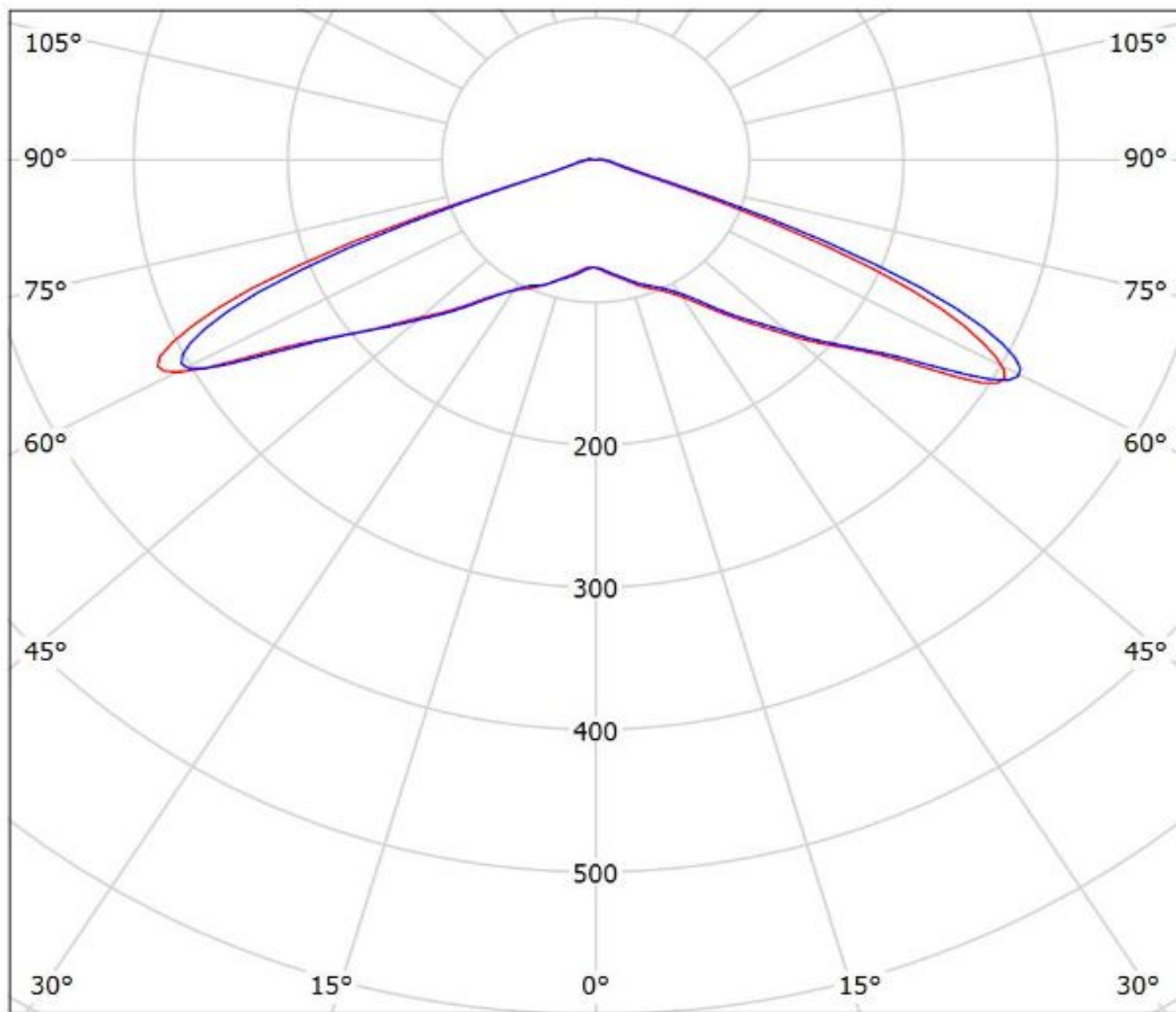
— C90 - C270

Luminaire: Ledil CS15020_STRADA-IP-2X6-VSM_(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 CS15020_STRADA-IP-2X6-VSM_(H35C1)

Lamps: 1 x LG_H35C1_2x6_1389.53lm@250mA_CCT=5700_P=8.59425W_I=0.250A



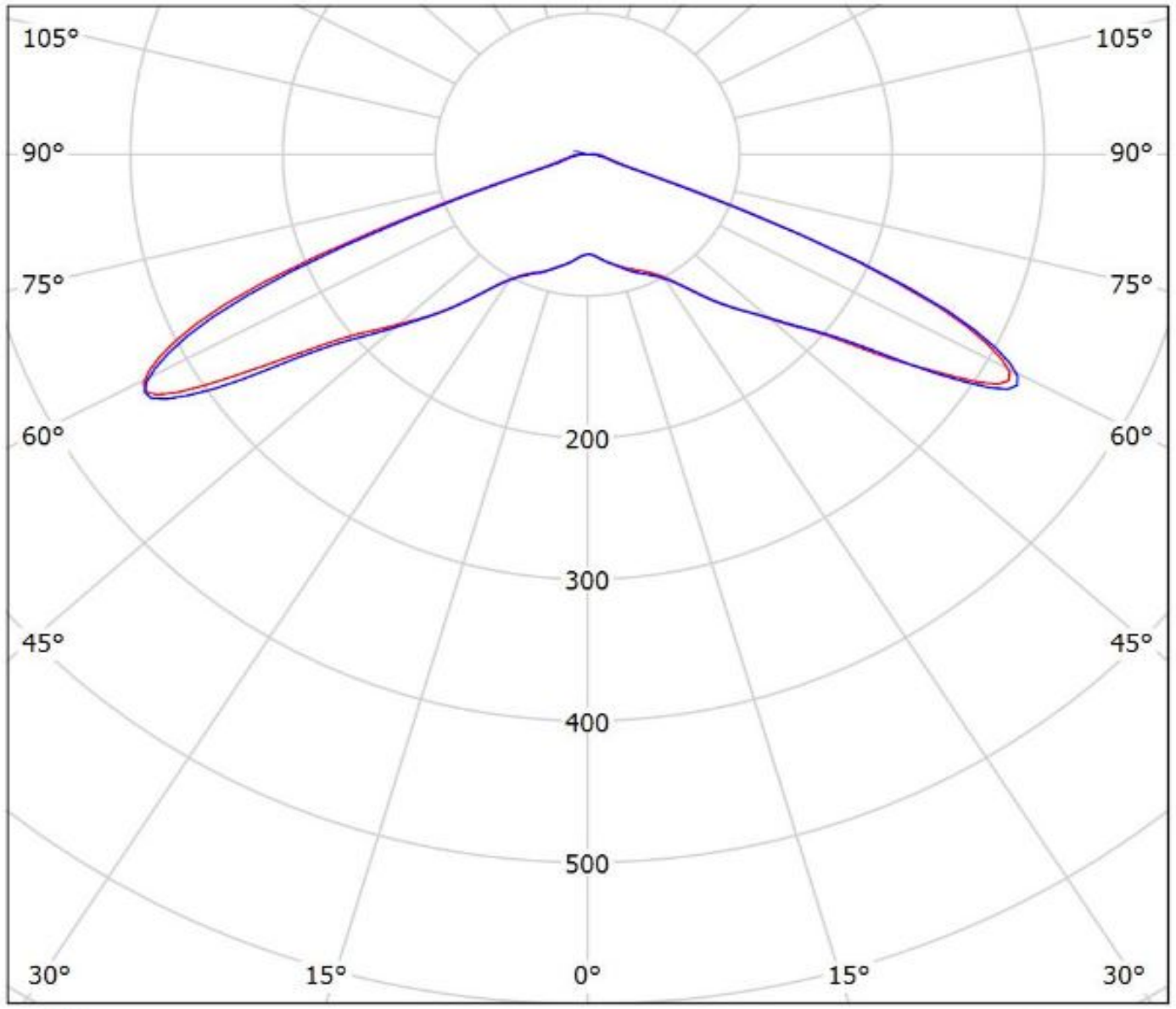
cd/klm

— C0 - C180

— C90 - C270

$\eta = 97\%$

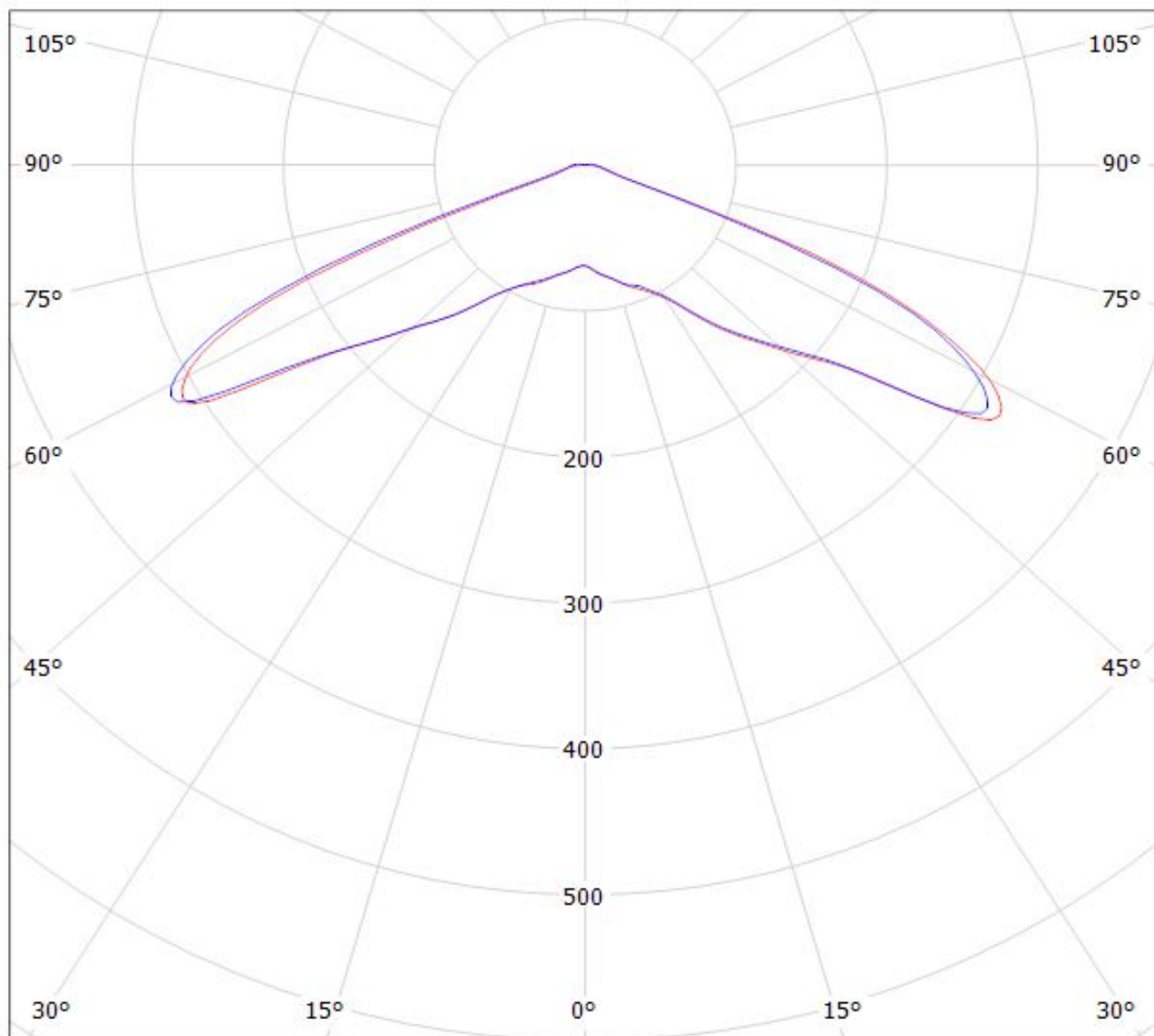
Luminaire: Ledil CS15020_STRADA-IP-2X6-VSM_(Luxeon_XR-TX)
Lamps: 1 x Luxeon_XR-TX_2x6_1376.06lm@250mA_P=8.3883W_I=0.25A



cd/klm
— C0 - C180 — C90 - C270

$\eta = 98\%$

Luminaire: LEDiL Oy CS15020_STRADA-IP-2X6-VSM_(Luxeon_T)
Lamps: 1 x Luxeon_T_(LXH8-FW30)_1040.41lm@250mA_P=8.49754W_I=0.250A

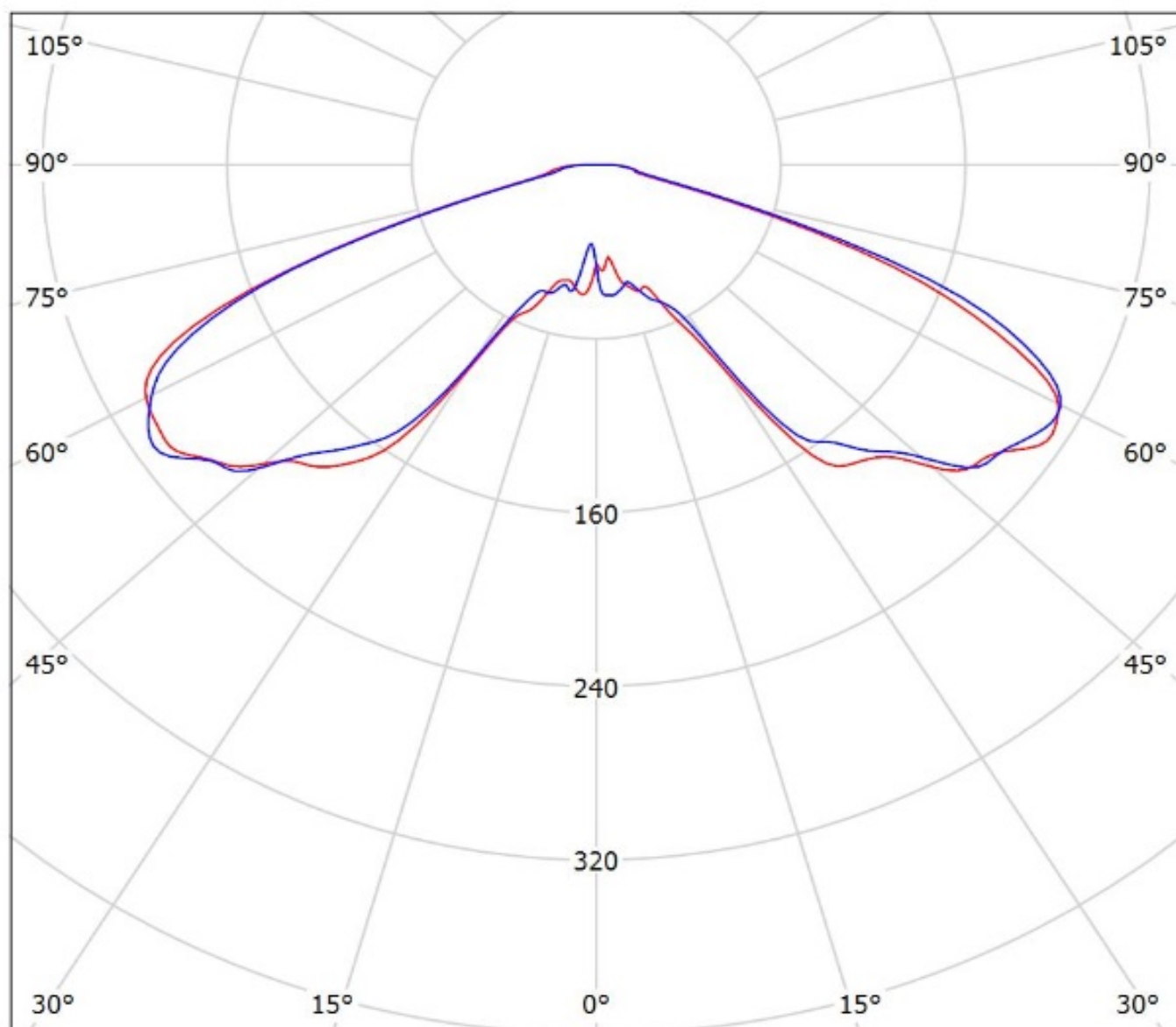


cd/klm

$\eta = 97\%$

— C0 - C180 — C90 - C270

Luminaire: Ledil Oy CS15020_STRADA-IP-2X6-VSM_LUXEON-5050_SIMULATED
Lamps: 1 x Lumileds Luxeon 5050

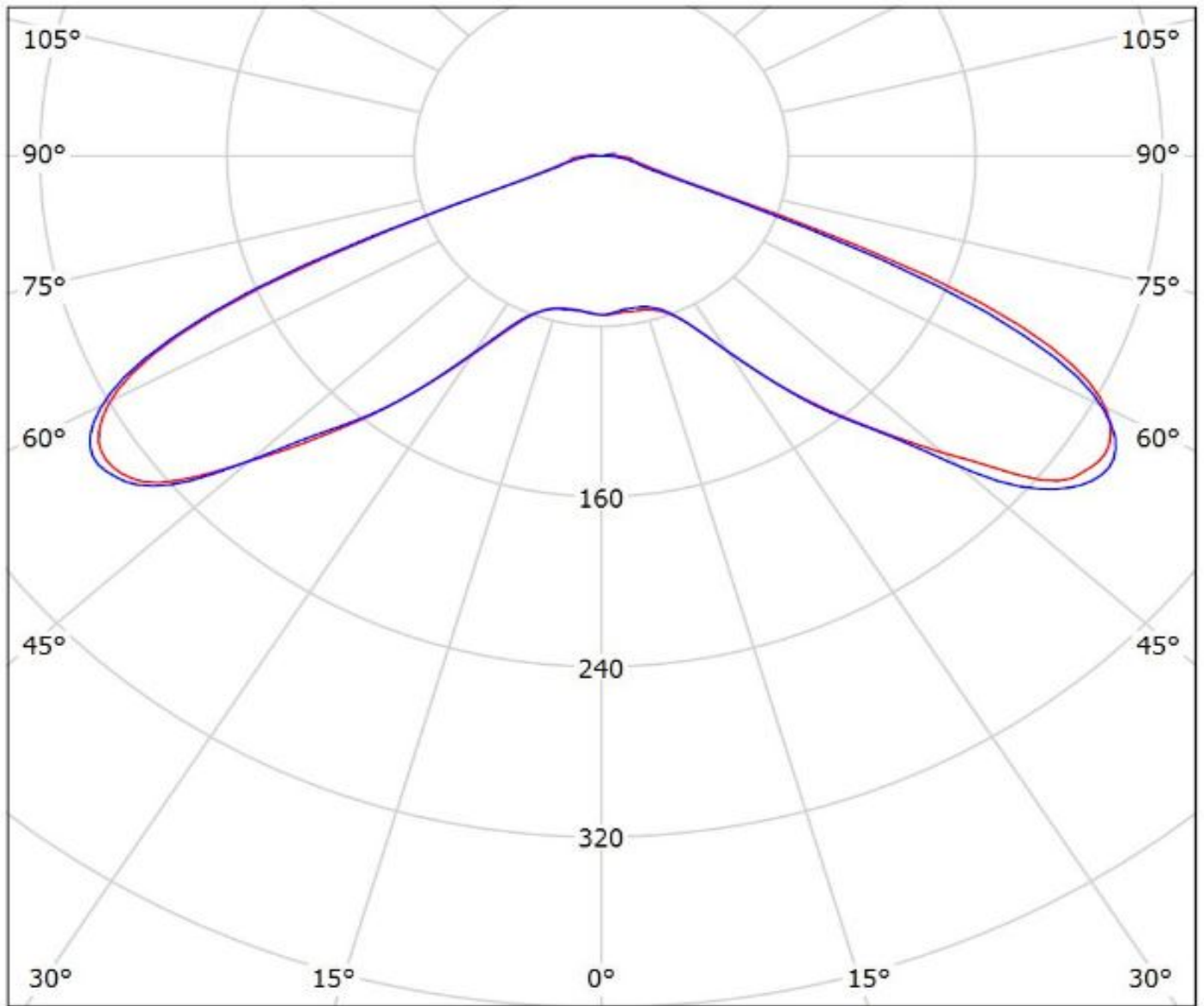


cd/klm
— C0 - C180 — C90 - C270

$\eta = 92\%$

Luminaire: Ledil CS15020_STRADA-IP-2X6-VSM_(Luxeon_V)

Lamps: 1 x Lumileds_Luxeon_V_1451.92lm@250mA_P=8.21196W_U=32.860V

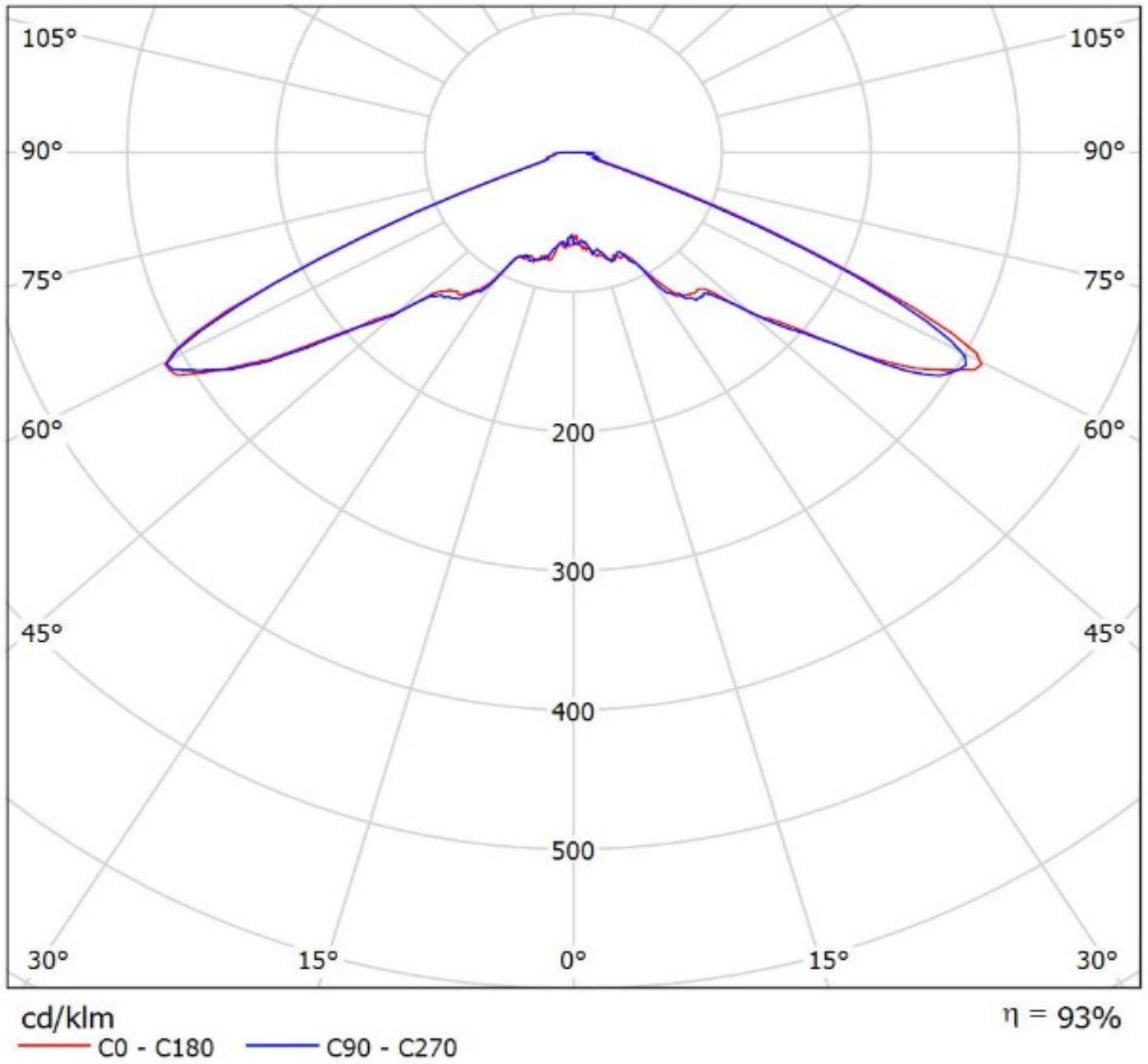


cd/klm

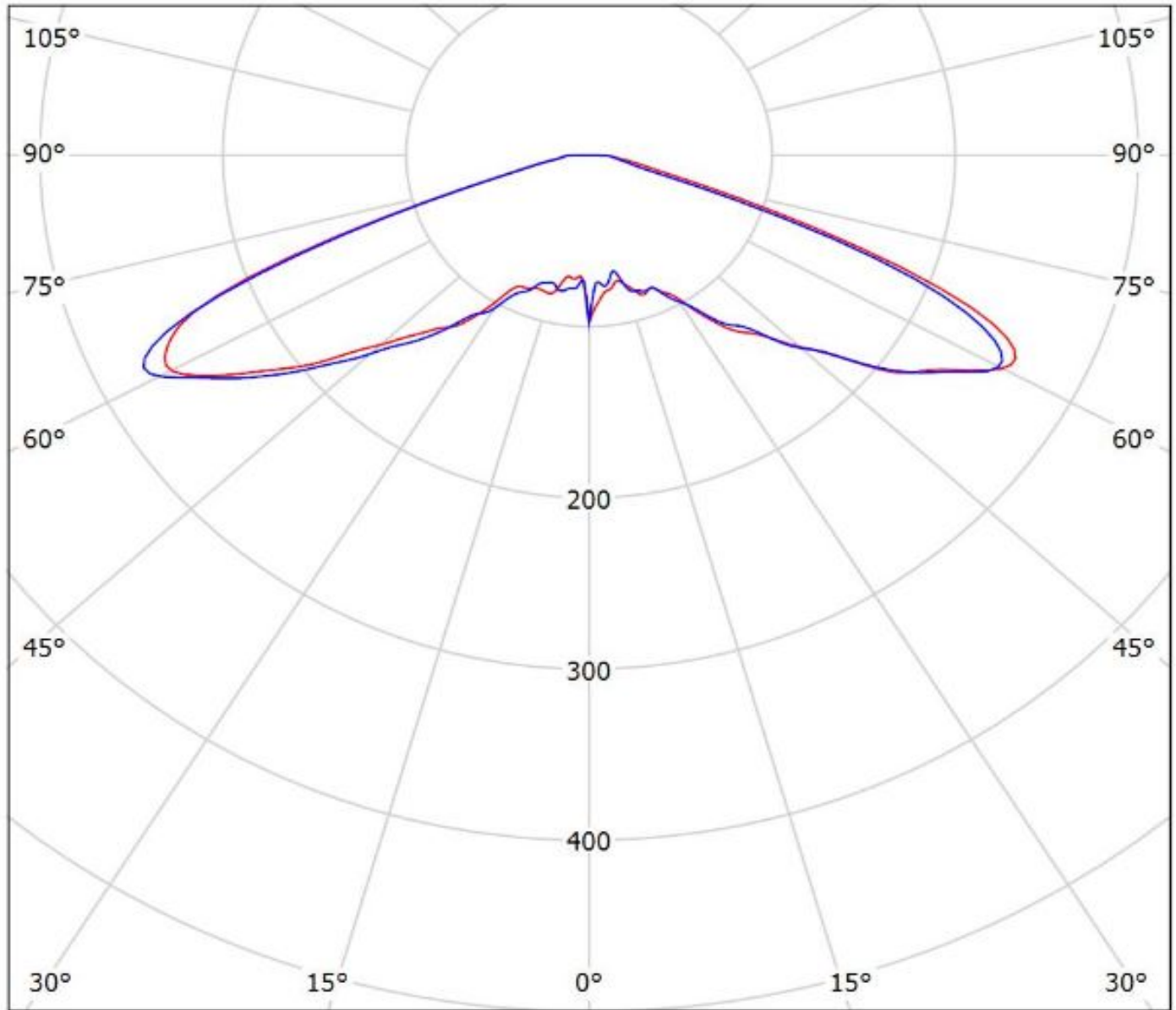
— C0 - C180 — C90 - C270

$\eta = 94\%$

Luminaire: Ledil Oy CS15020_STRADA-IP-2X6-VSM_(NVSxE21A)_SIMULATED
Lamps: 1 x Nichia NVSWE21A



Luminaire: Ledil Oy CS15020_STRADA-IP-2X6-VSM_OSRAM_DURIS_P9_SIMULATED
Lamps: 1 x OSRAM DURIS P9

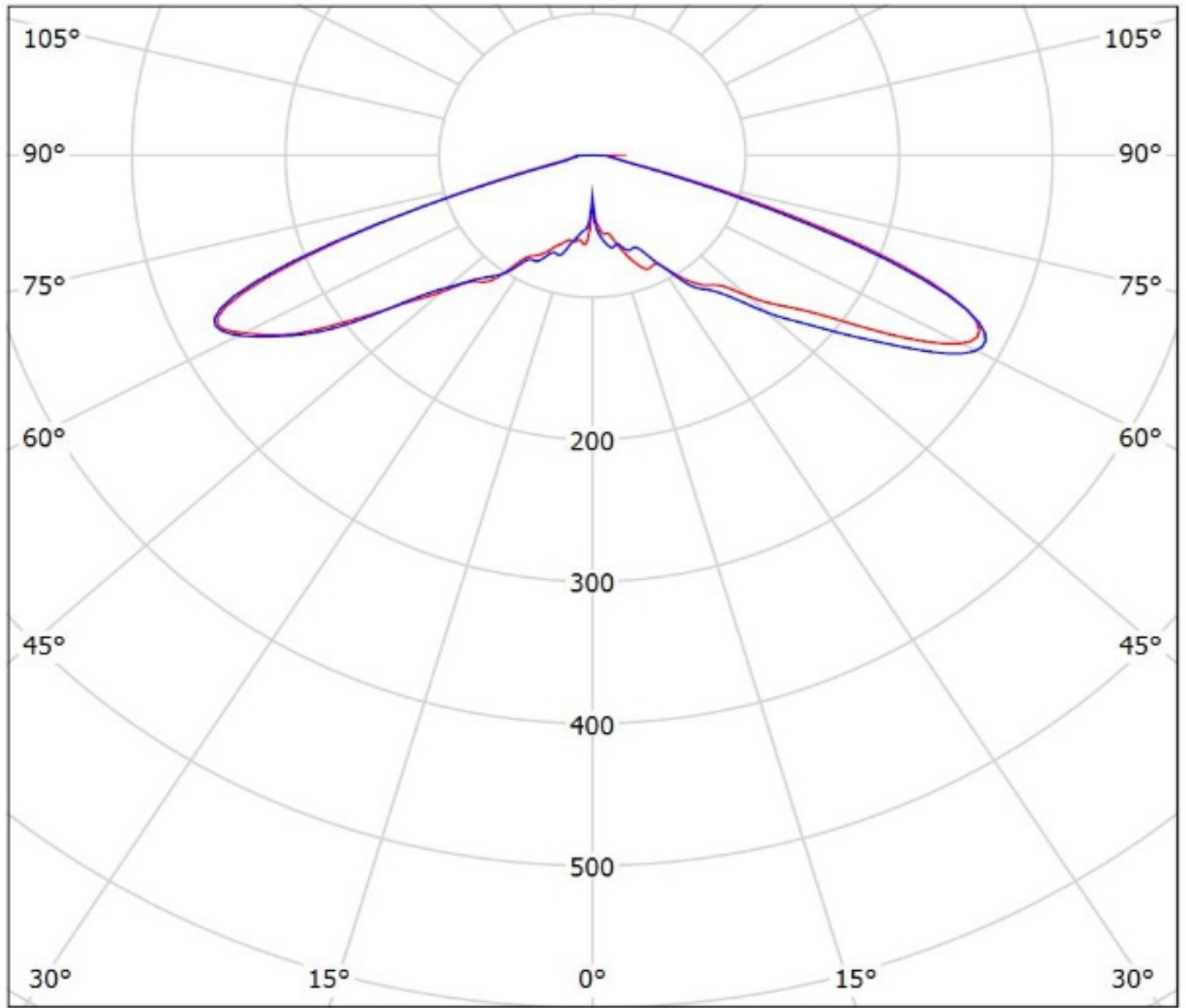


cd/klm

— C0 - C180 — C90 - C270

$\eta = 94\%$

Luminaire: Ledil Oy CS15020_STRADA-IP-2X6-VSM_OSL-SQ-Gen3_SIMULATED
Lamps: 1 x Osram Oslon Square Gen3 (CSSRM2pm)

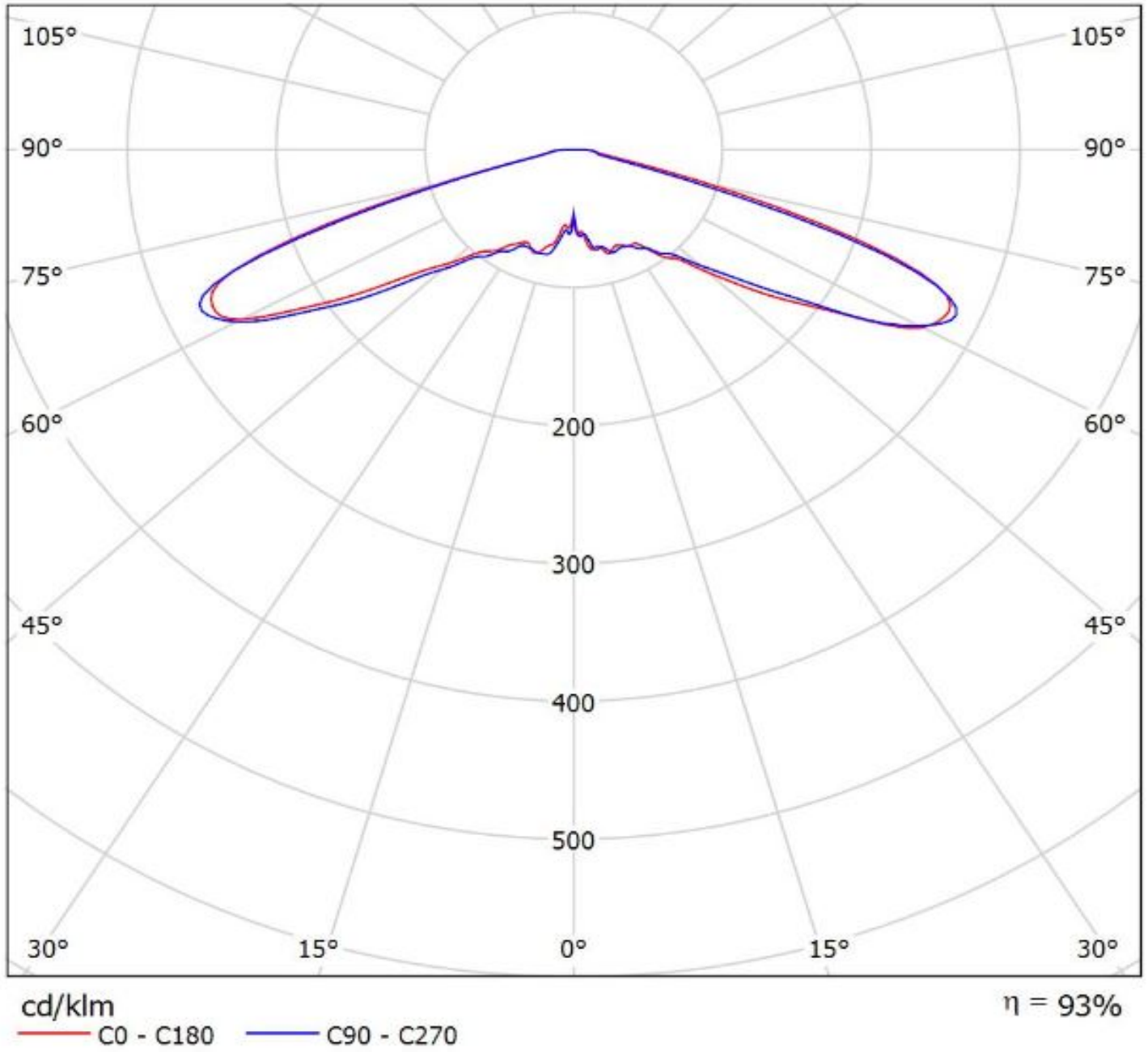


cd/klm

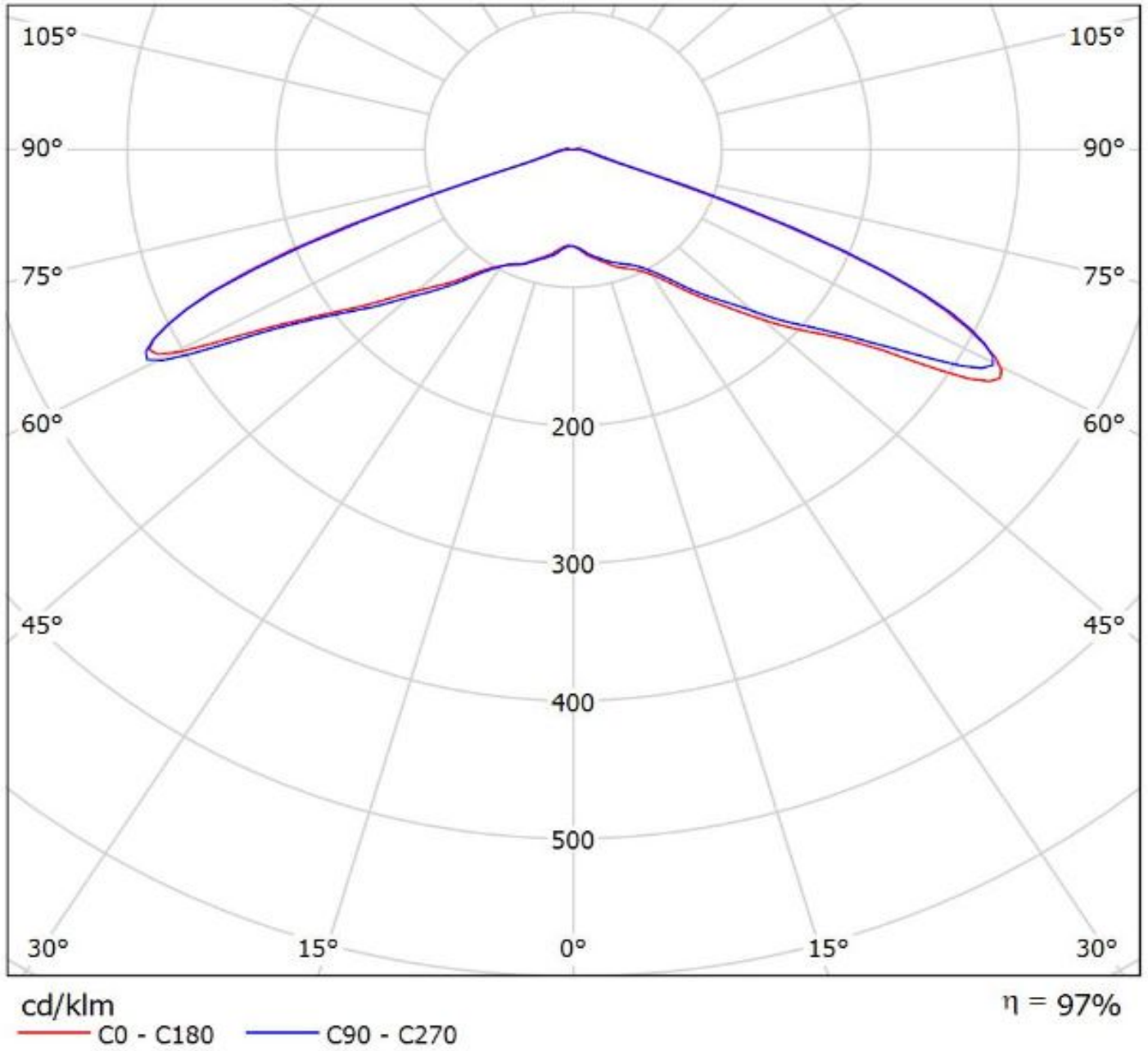
— C0 - C180 — C90 - C270

$\eta = 92\%$

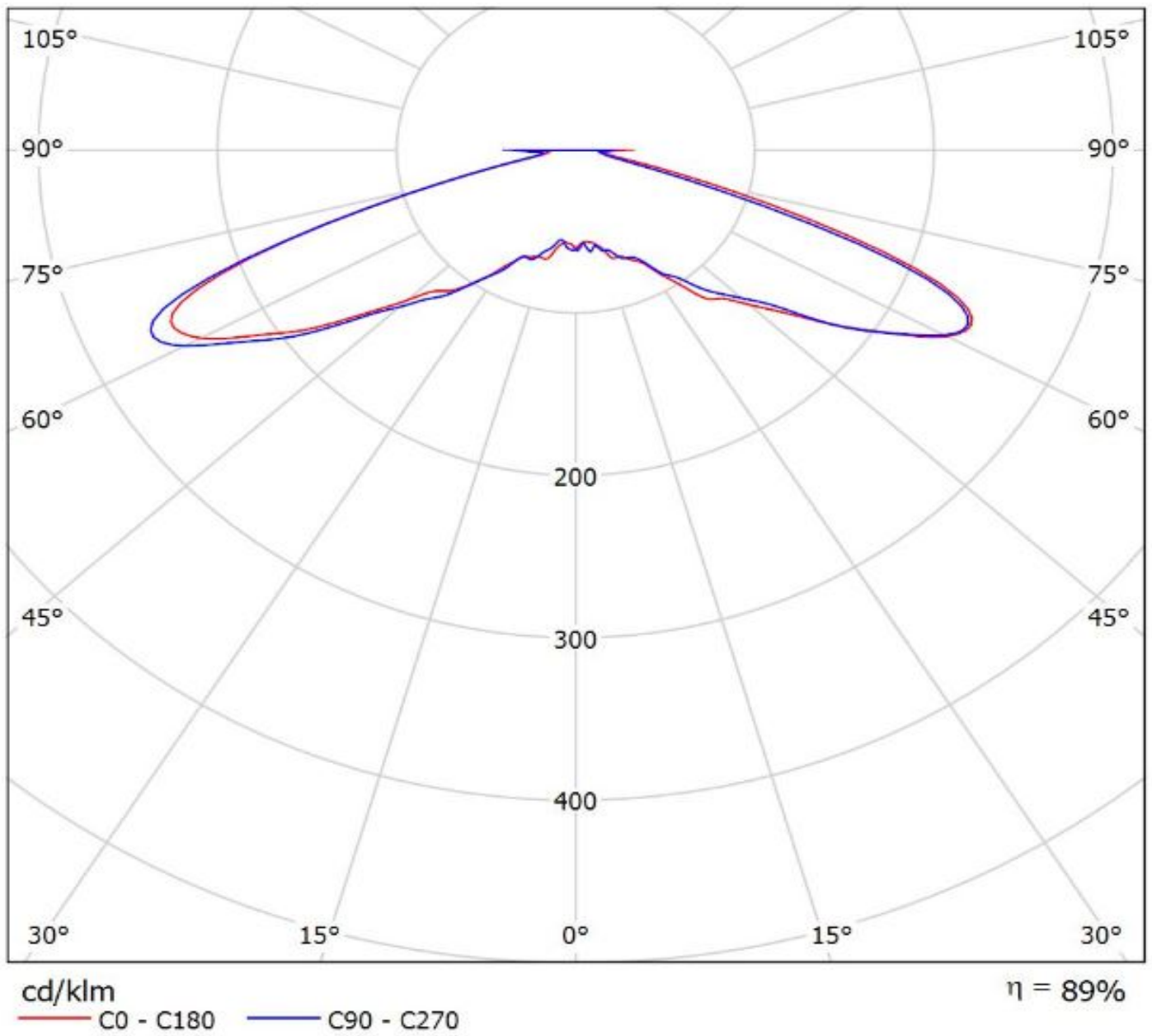
Luminaire: Ledil Oy CS15020_STRADA-IP-2X6-VSM_(Oslon Square SSL 150)_SIMULATED
Lamps: 1 x Osram Oslon SSL 150



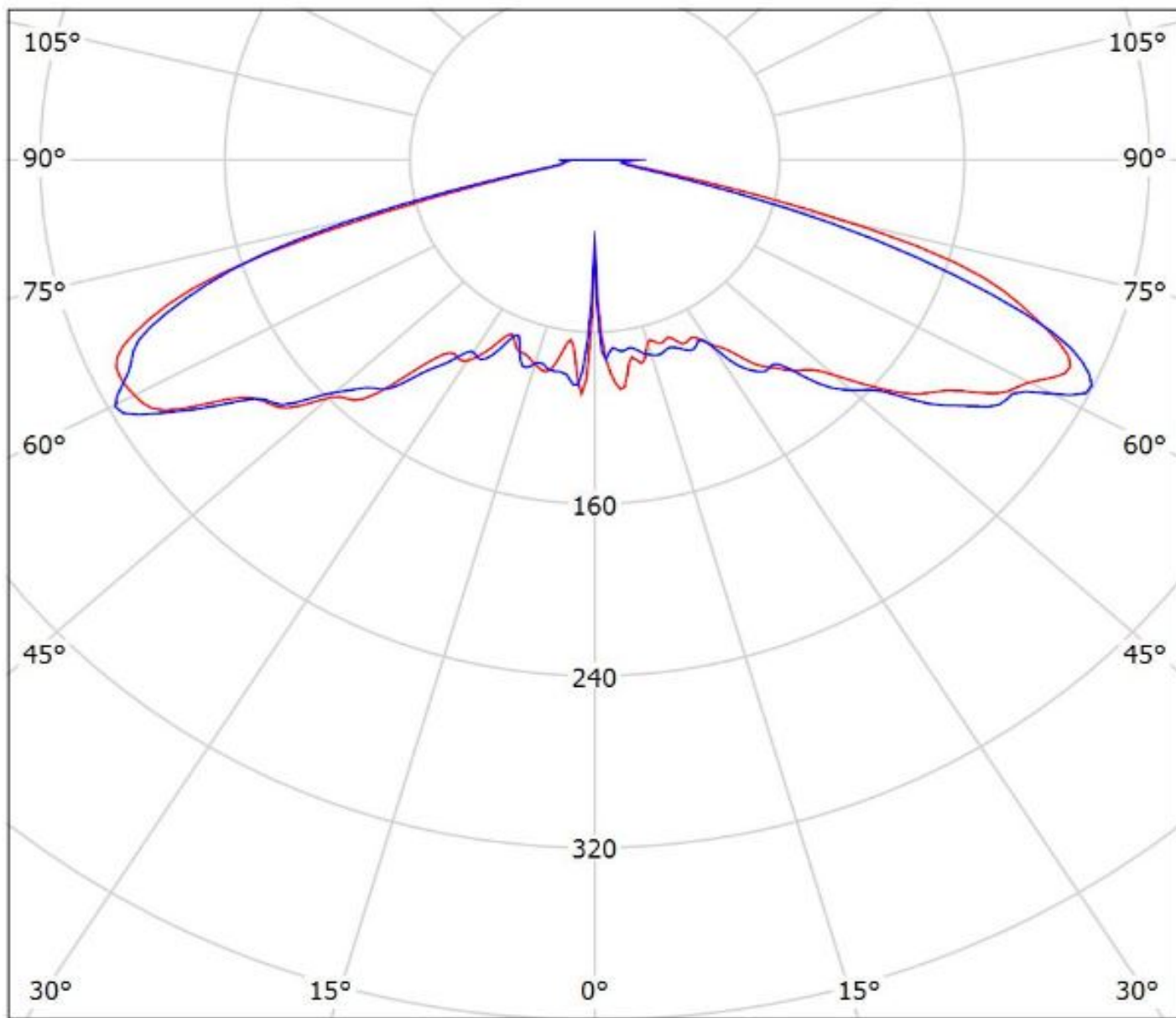
Luminaire: Ledil CS15020_STRADA-IP-2X6-VSM_Fortimo FastFlex LED board 2x6 DP G4
Lamps: 1 x Fortimo FastFlex LED board 2x6 DP G4



Luminaire: Ledil Oy CS15020_STRADA-IP-2X6-VSM_Fortimo FastFlex LED board 2x6 DPX
G4_SIMULATED
Lamps: 1 x Fortimo FastFlex LED board 2x6 DPX G4_SIMULATED



Luminaire: Ledil Oy CS15020_STRADA-IP-2X6-VSM_(LH351D)_SIMULATED
Lamps: 1 x Samsung LH351D

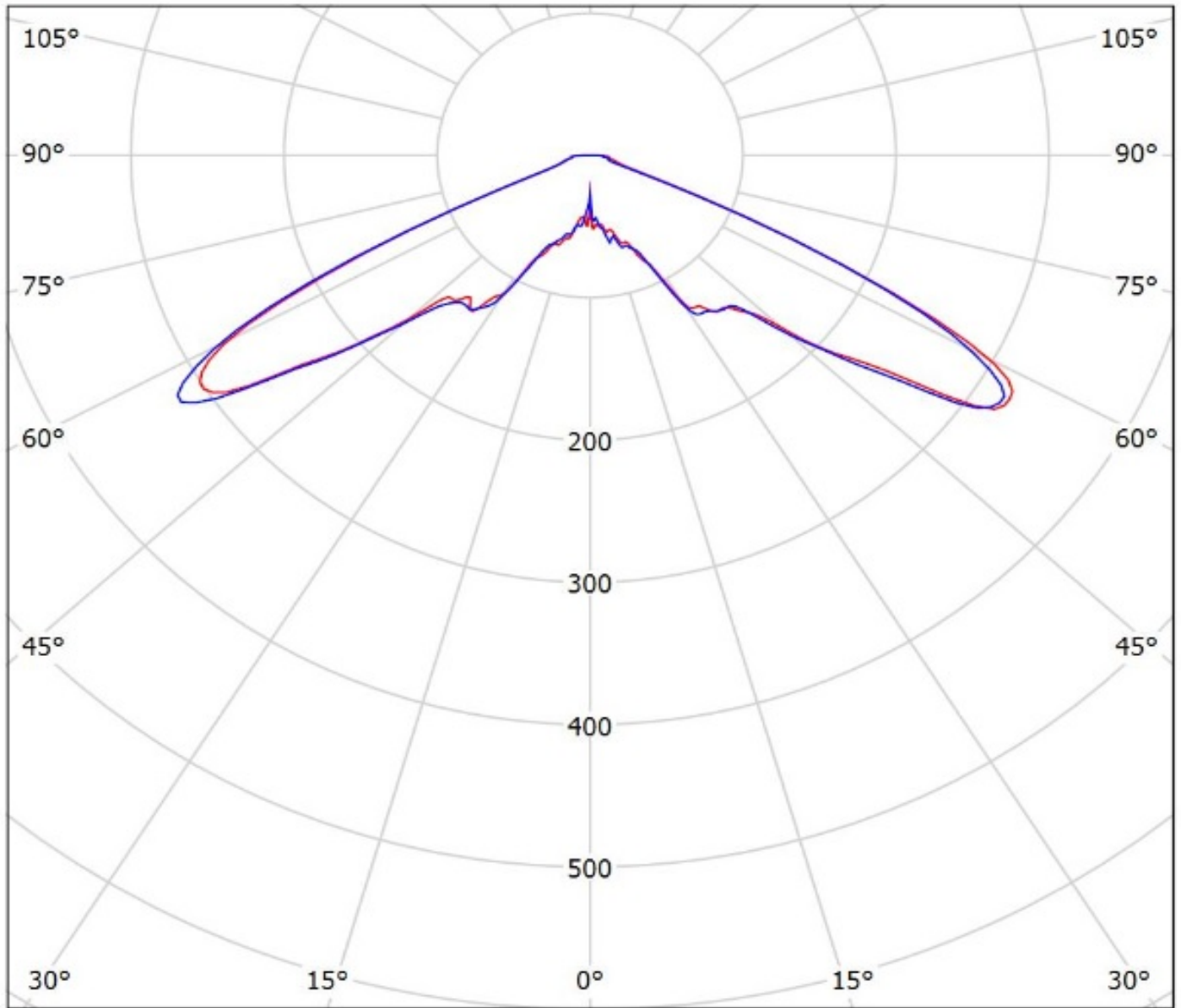


cd/klm

— C0 - C180 — C90 - C270

$\eta = 94\%$

Luminaire: Ledil Oy CS15020_STRADA-IP-2X6-VSM_(Z5M1)_SIMULATED
Lamps: 1 x Seoul Z5M1

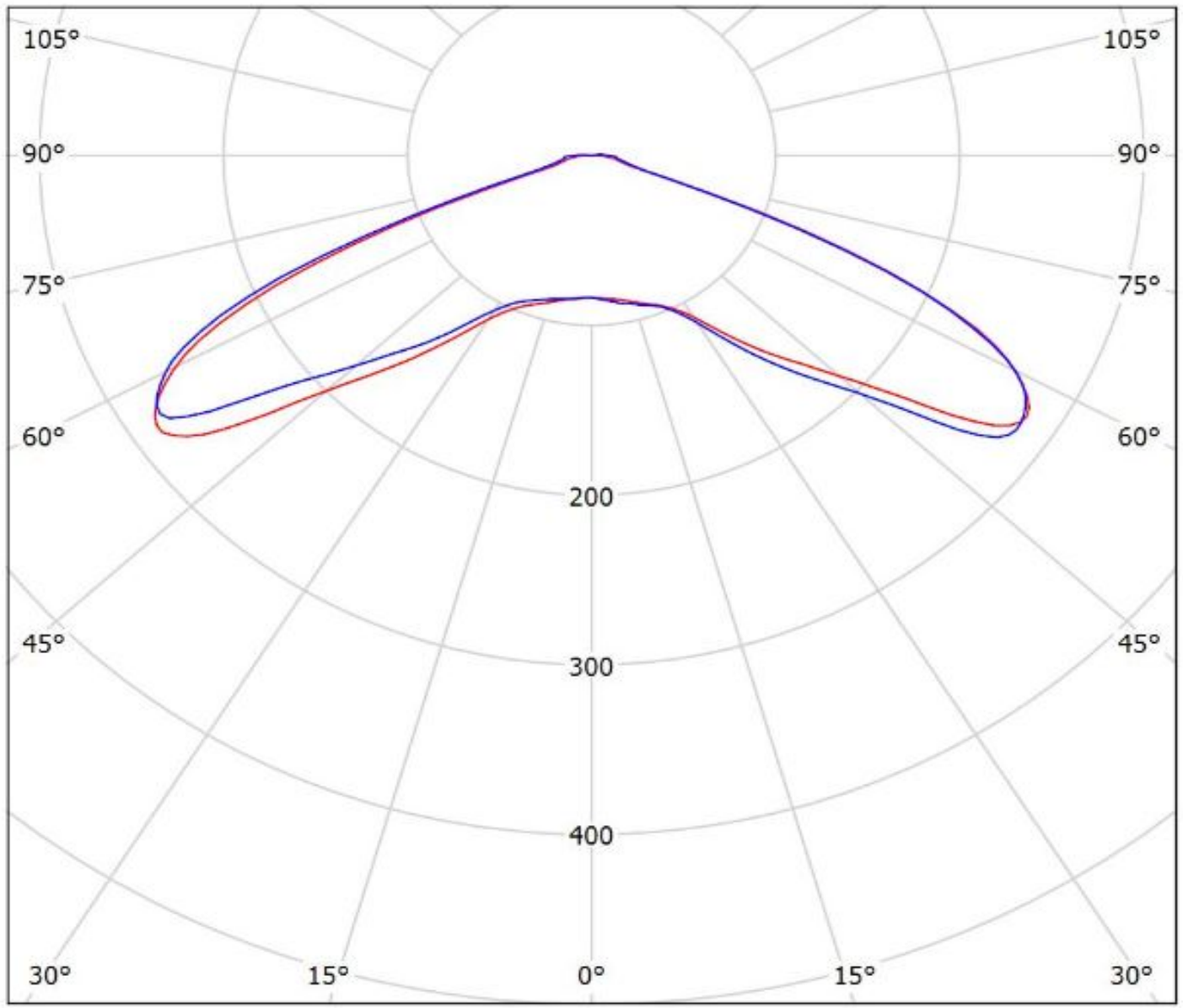


cd/klm
— C0 - C180 — C90 - C270

$\eta = 92\%$

Luminaire: Ledil CS15020_HB-IP-2X6-VSM_(Z8Y22_PLUS)

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

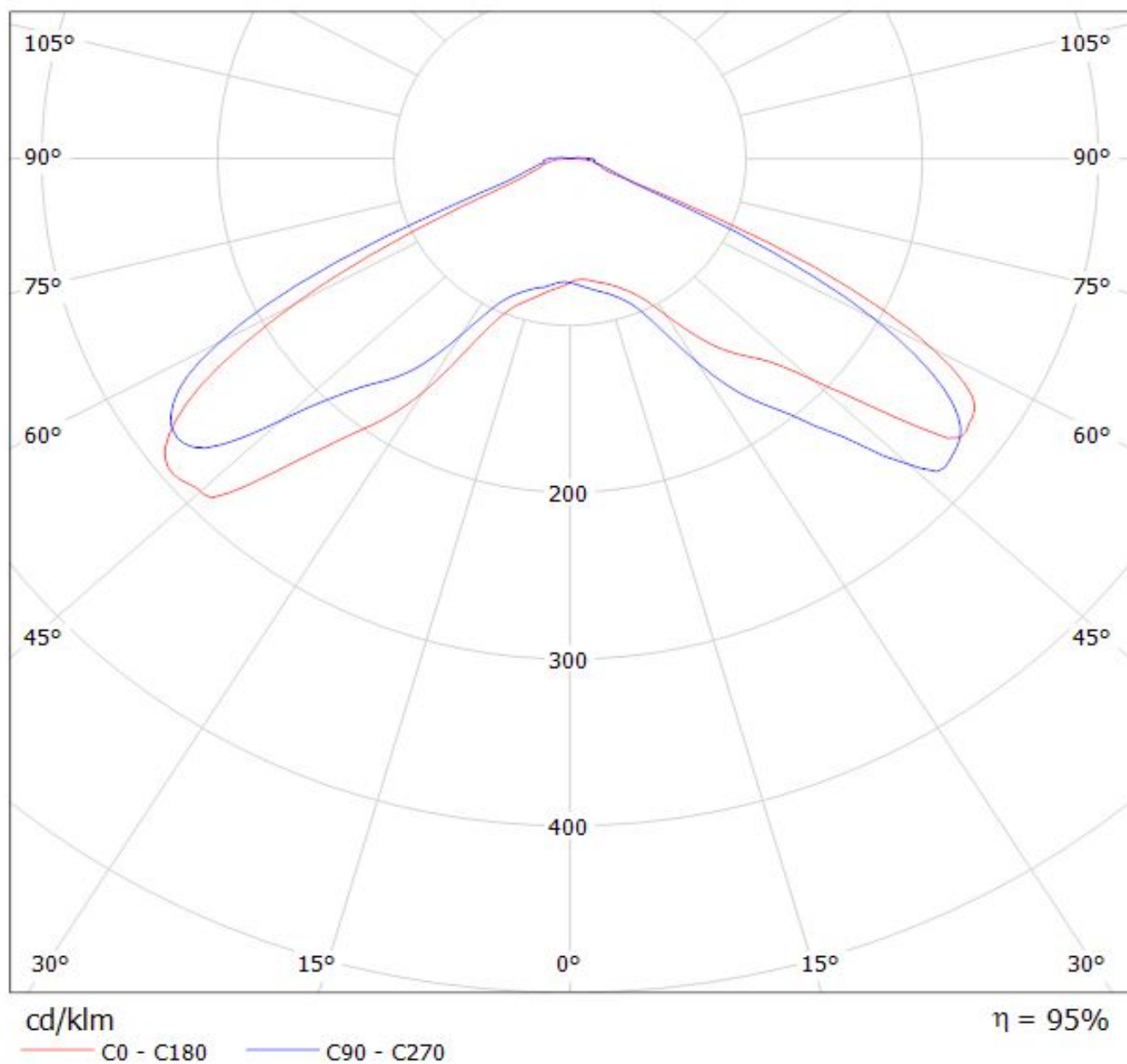


cd/klm

— C0 - C180 — C90 - C270

$\eta = 98\%$

Luminaire: LEDiL Oy CS15020_STRADA-IP-2X6-VSM_(SMJQ-D36W12Mx)
Lamps: 1 x Seoul_SMJQ-D36W12Mx_3765.02@700mA_P=23.6218W_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.