

PRODUCT DATASHEET

ANGELINA series

last update 31/1/2017

DETAILS

Product Number	F13838_ANGELINA-XW
Family	ANGELINA
Type	Reflector
Color	white
Diameter	82 mm
Height	31 mm
Style	round
Optic Material	HRPC
Holder Material	
Fastening	
Status	production ready
ROHS Compliant	Yes
Date Updated	31/01/2017

OPTICAL PROPERTIES

LED	Viewing Angle	Light Beam	Efficiency	cd/lm	Connector
V13 Gen7	92 deg	Wide	94 %	0.500	TE: 2213254-2 + OPTIC CLIP Z50 TYPE1 2213194-1
V22 Gen7	sim: 82	Wide	sim: 94 %	sim: 0.603	IDEAL: 50-2204-CT + 50-2100AN
V13 Gen7	sim: 86	Wide	sim: 92 %	sim: 0.595	IDEAL: 50-2103CT + 50-2100AN
CLL03x/CLU03x	89 deg	Wide	94 %	0.500	IDEAL: 50-2103CT + 50-2100AN
CLU720/721	93 deg	Wide	94 %	0.500	TE: 2213254-2 + OPTIC CLIP Z50 TYPE1 2213194-1
CLU720/721	89 deg	Wide	94 %	0.540	IDEAL: 50-2103CT + 50-2100AN
CXA/B 3590	90 deg	Wide	94 %	0.480	IDEAL: 50-2303CR + 50-2300AN
LUXEON K12	92 deg	Wide	94 %	0.520	TE: 2213134-2 + OPTIC CLIP Z50 TYPE1 2213194-1
LUXEON K16	90 deg	Wide	94 %	0.530	BJB: 47.319.2070
CXM-14	93 deg	Wide	94 %	0.480	TE: 2213254-2 + OPTIC CLIP Z50 TYPE1 2213194-1
COB L-Type (LES 11)	94 deg	Wide	94 %	0.480	Molex: 180580-0005
COB L-Type (LES 11)	92 deg	Wide	94 %	0.520	TE: 2213382-2 + OPTIC CLIP Z50 TYPE1 2213194-1
COB J-Type	88 deg	Wide	92 %	0.530	IDEAL: 50-2103NC + 50-2100AN
Soleroq S19	91 deg	Wide	94 %	0.500	TE: 2213407-2 + OPTIC CLIP Z50 TYPE1 2213194-1
Soleroq S13	92 deg	Wide	94 %	0.500	TE: 2213401-2 + OPTIC CLIP Z50 TYPE1 2213194-1
PrevaLED Core AC (LEP-800)	90 deg	Wide	94 %	0.520	TE: OPTIC CLIP Z50 TYPE1 2213194-1
PrevaLED Core AC (LEP-2000)	89 deg	Wide	94 %	0.510	TE: OPTIC CLIP Z50 TYPE1 2213194-1
PrevaLED Core Z4 LES19	90 deg	Wide	94 %	0.510	TE: OPTIC CLIP Z50 TYPE1 2213194-1
Soleroq P13	92 deg	Wide	94 %	0.490	TE: 2213401-2 + OPTIC CLIP Z50 TYPE1 2213194-1
Fortimo SLM 4500 G3	90 deg	Wide	94 %	0.490	TE: OPTIC CLIP Z50 TYPE1 2213194-1
Fortimo SLM 2000 G3	91 deg	Wide	94 %	0.517	TE: OPTIC CLIP Z50 TYPE1 2213194-1
Fortimo SLM 3000 G3	91 deg	Wide	94 %	0.489	TE: OPTIC CLIP Z50 TYPE1 2213194-1
Fortimo LED SLM L9 G4 standard	93 deg	Wide	94 %	0.500	TE: OPTIC CLIP Z50 TYPE1 2213194-1
Fortimo LED SLM L13 G4 standard	92 deg	Wide	94 %	0.500	TE: OPTIC CLIP Z50 TYPE1 2213194-1
Fortimo LED SLM L15 G4 standard	91 deg	Wide	94 %	0.490	TE: OPTIC CLIP Z50 TYPE1 2213194-1

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LED	Viewing Angle	Light Beam	Efficiency	cd/lm	Connector
Fortimo LED SLM L19 G4 standard	90 deg	Wide	93 %	0.490	TE: OPTIC CLIP Z50 TYPE1 2213194-1
Fortimo SLM G5 LES 9 Standard	93 deg	Wide	94 %	0.500	TE: OPTIC CLIP Z50 TYPE1 2213194-1
Fortimo SLM G5 LES 15 Standard	91 deg	Wide	92 %	0.490	TE: OPTIC CLIP Z50 TYPE1 2213194-1
Fortimo SLM G5 LES 19 Standard	90 deg	Wide	91 %	0.480	TE: OPTIC CLIP Z50 TYPE1 2213194-1
Fortimo SLM G5 LES 13 Standard	92 deg	Wide	94 %	0.500	TE: OPTIC CLIP Z50 TYPE1 2213194-1
LC040C	93 deg	Wide	94 %	0.500	TE: 2213382-2 + OPTIC CLIP Z50 TYPE1 2213194-1
MJT COB LES 14.5	92 deg	Wide	94 %	0.500	TE: 2213254-2 + OPTIC CLIP Z50 TYPE1 2213194-1
Mega Zenigata (GW6DME)	92 deg	Wide	94 %	0.500	TE: 2213130-2 + OPTIC CLIP Z50 TYPE1 2213194-1
STARK SLE G2 LES26	90 deg	Wide	94 %	0.500	TE: OPTIC CLIP Z50 TYPE1 2213194-1
STARK SLE G2 LES23	90 deg	Wide	94 %	0.500	TE: OPTIC CLIP Z50 TYPE1 2213194-1
STARK SLE G2 LES19	91 deg	Wide	94 %	0.500	TE: OPTIC CLIP Z50 TYPE1 2213194-1
SLE G4 LES23 H	90 deg	Wide	94 %	0.500	TE: OPTIC CLIP Z50 TYPE1 2213194-1
SLE G4 LES19 H	91 deg	Wide	93 %	0.490	TE: OPTIC CLIP Z50 TYPE1 2213194-1
SLE G5 LES15	92 deg	Wide	94 %	0.500	TE: 2213254-2 + OPTIC CLIP Z50 TYPE1 2213194-1
SLE G5 LES19 H	90 deg	Wide	94 %	0.500	TE: OPTIC CLIP Z50 TYPE1 2213194-1
SLE G5 LES23 H	90 deg	Wide	94 %	0.500	TE: OPTIC CLIP Z50 TYPE1 2213194-1
WU-M-464	93 deg	Wide	94 %	0.470	TE: OPTIC CLIP Z50 TYPE1 2213194-1
WU-M-484	93 deg	Wide	94 %	0.476	TE: OPTIC CLIP Z50 TYPE1 2213194-1
WU-M-485	93 deg	Wide	94 %	0.470	TE: OPTIC CLIP Z50 TYPE1 2213194-1
WU-M-486	92 deg	Wide	94 %	0.470	TE: OPTIC CLIP Z50 TYPE1 2213194-1

D

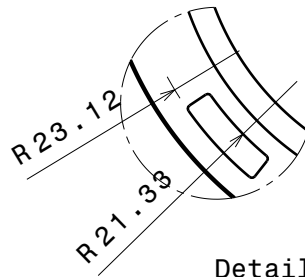
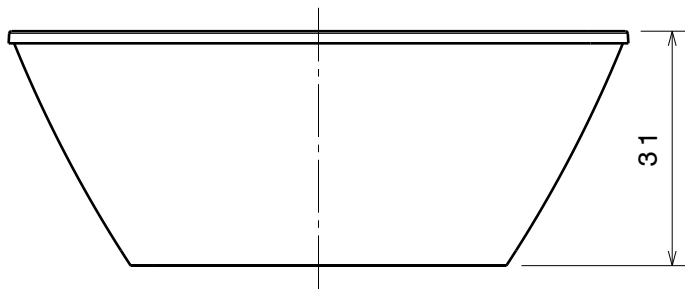
C

B

A

4

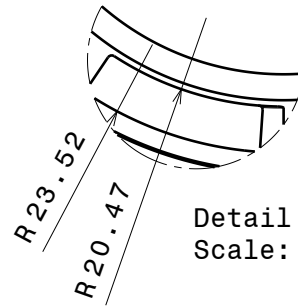
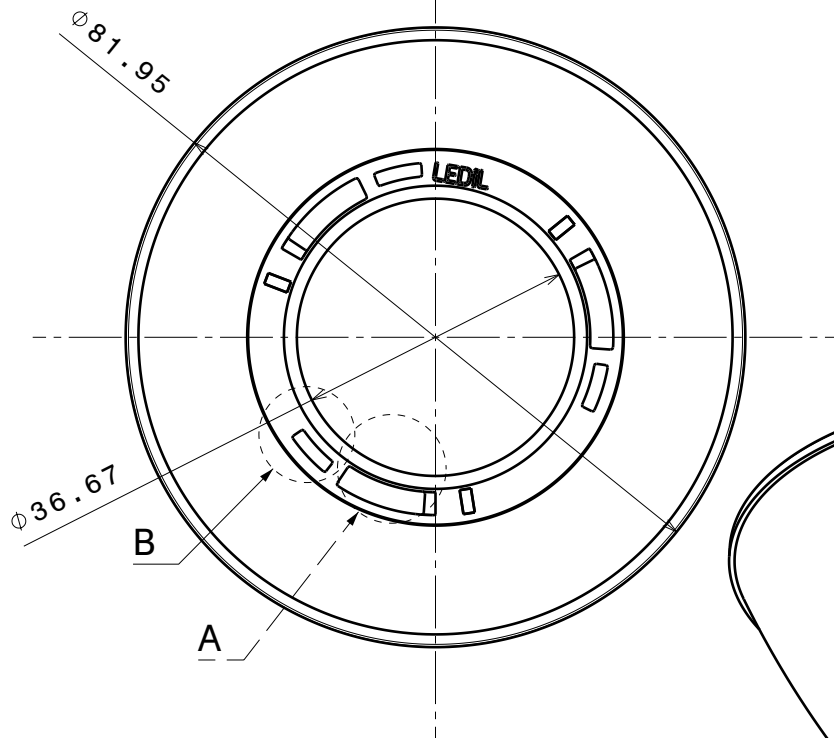
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Detail B
Scale: 2:1

3

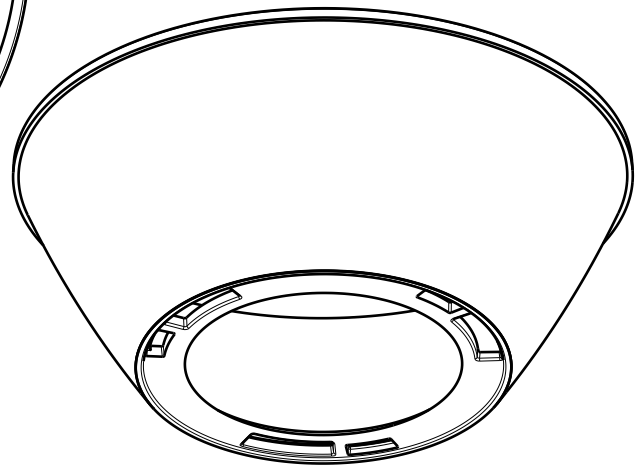
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Detail A
Scale: 2:1

2

2



1

1

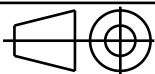
INDEX	PART NO	DESCRIPTION	MATERIAL	COLOR
1		ANGELINA	Reflective PC	White

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 Oy
Salorankatu 10
FIN 24240 SALO
Finland

THIRD ANGLE PROJECTION:



DRAWING TITLE

ANGELINA series Reflector

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SIZE PART NUMBER

A4

-

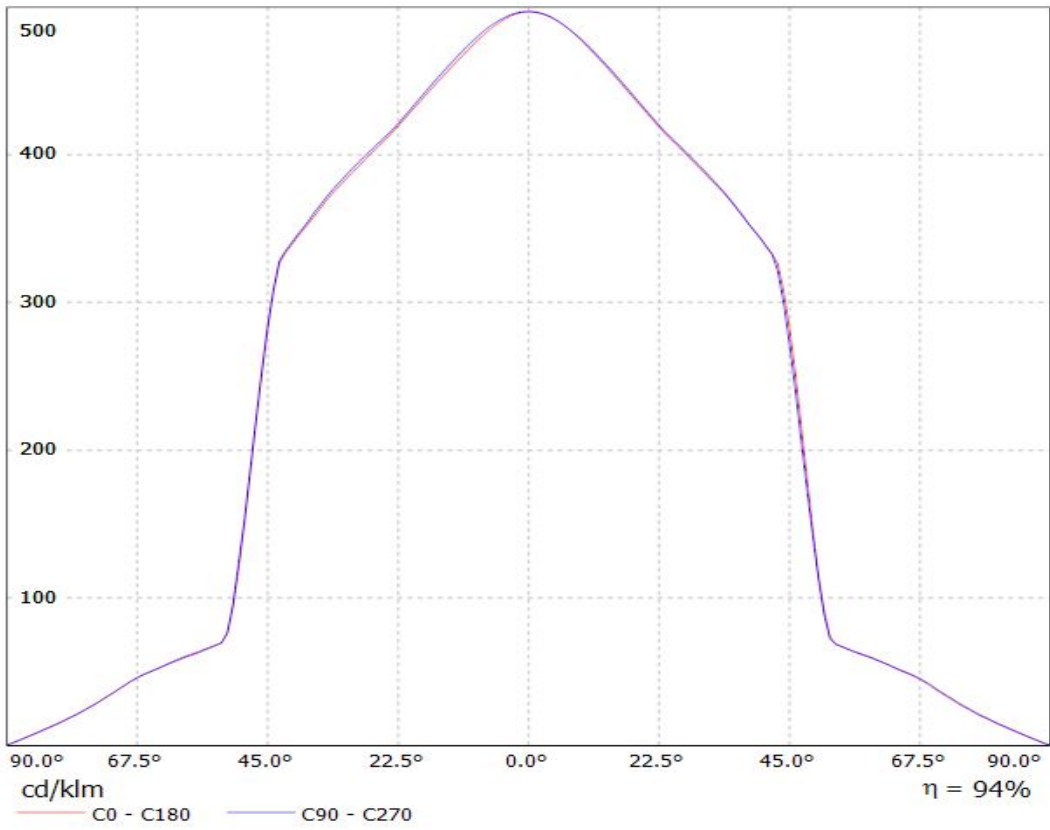
SCALE 1:1 WEIGHT - SHEET 1/1

D

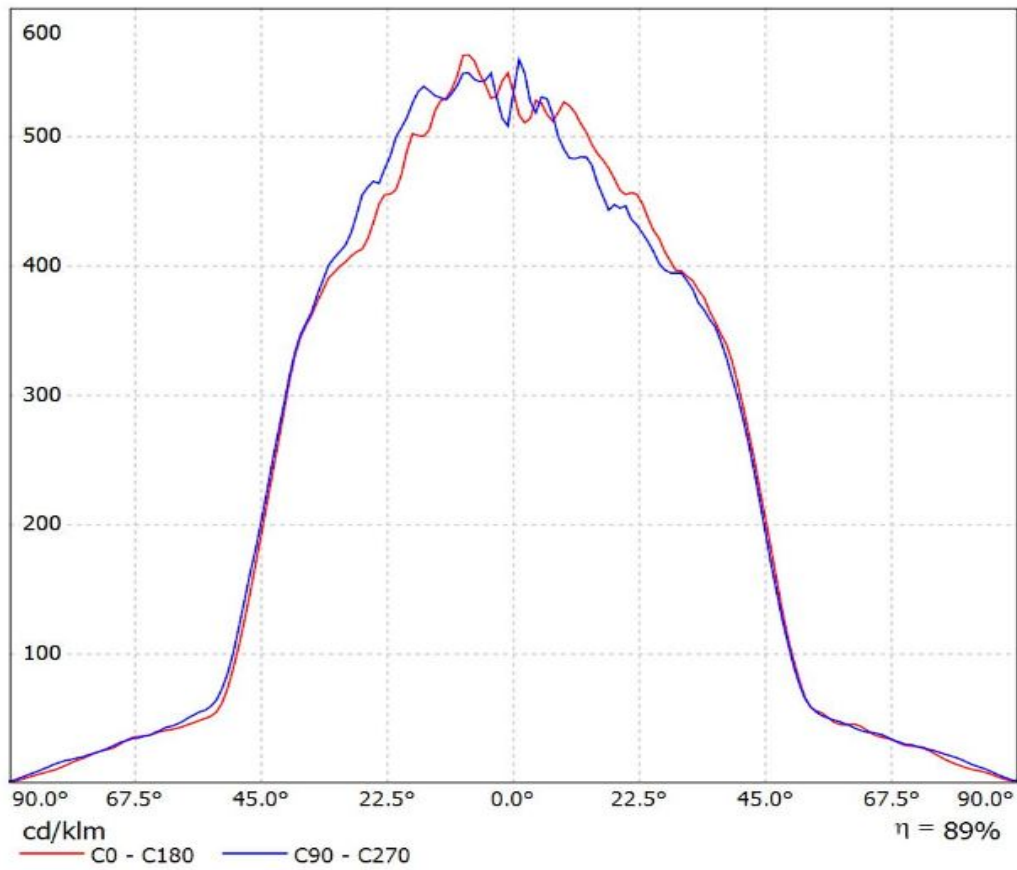
A

Luminaire: LEDiL Oy F13838_ANGELINA-XW_(V13_Gen7)+TE

Lamps: 1 x Bridgelux_V13_Gen7_(BXRE-30E2000-B_+TE_2213254-2+TE_2213194-1)_1295.55lm@250mA_P=8.30985W_I=0.25A

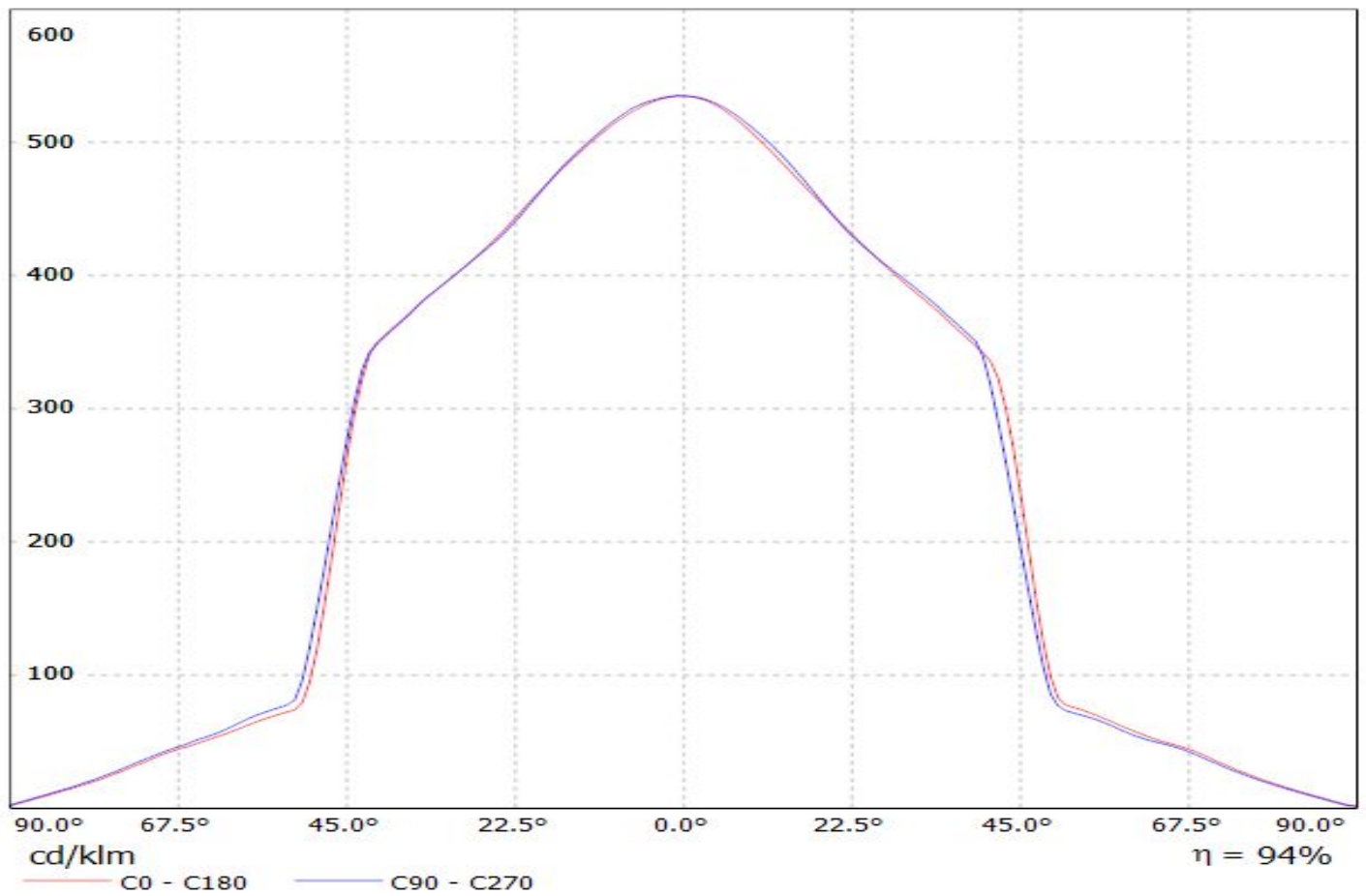


Luminaire: Ledil Oy F13838_ANGELINA-XW_Bridgelux_V22_Gen7_SIMULATED F13838_ANGELINA-XW_Bridgelux_V22_Gen7_SIMULATED
Lamps: 1 x F13838_ANGELINA-XW_Bridgelux_V22_Gen7_SIMULATED



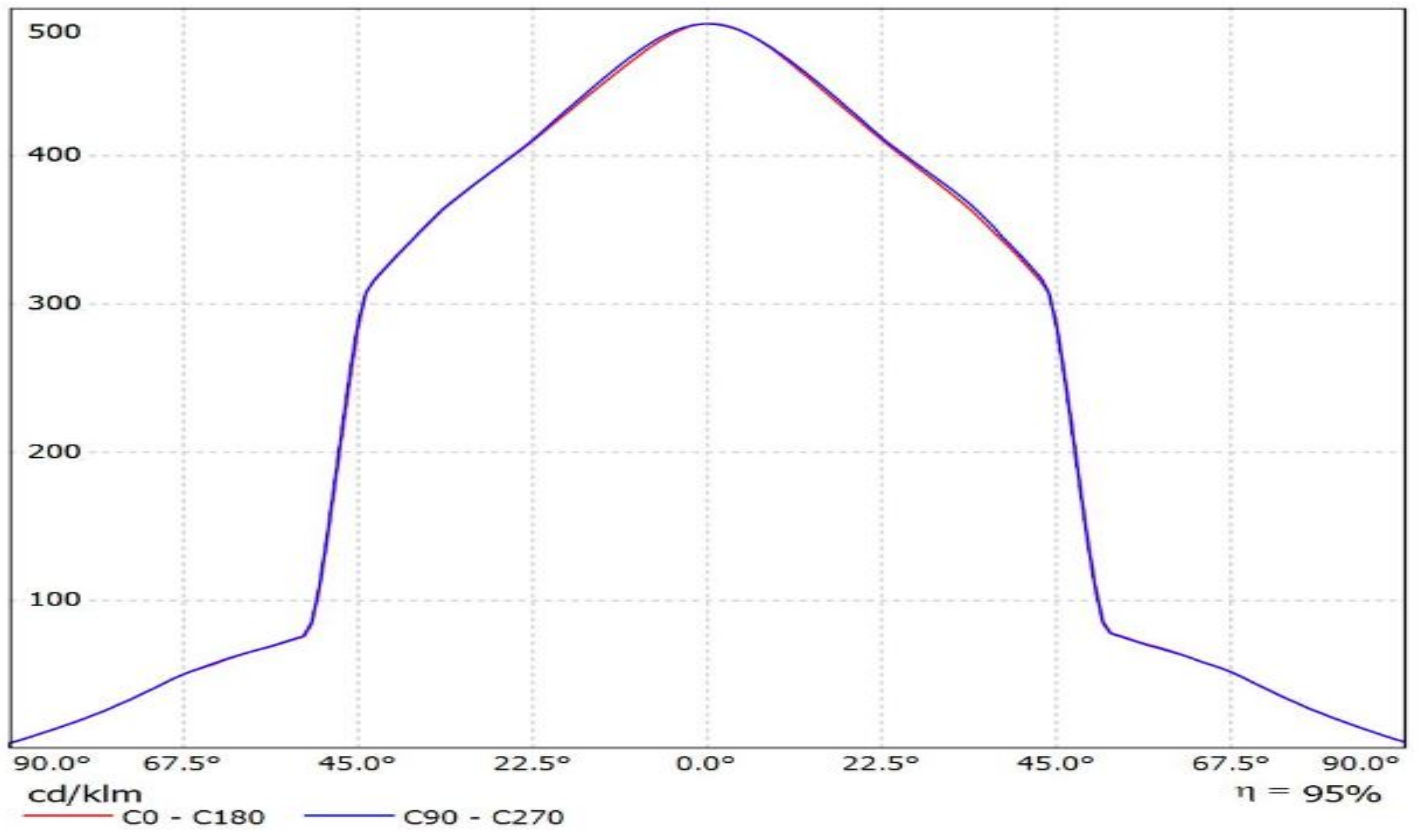
Luminaire: LEDiL Oy F13838_ANGELINA-XW_(CLL030)

Lamps: 1 x Citizen_CLL030_(CLL030-1206A1-303M1A2)_971.531lm@250mA_P=8.42026W_I=249.8mA

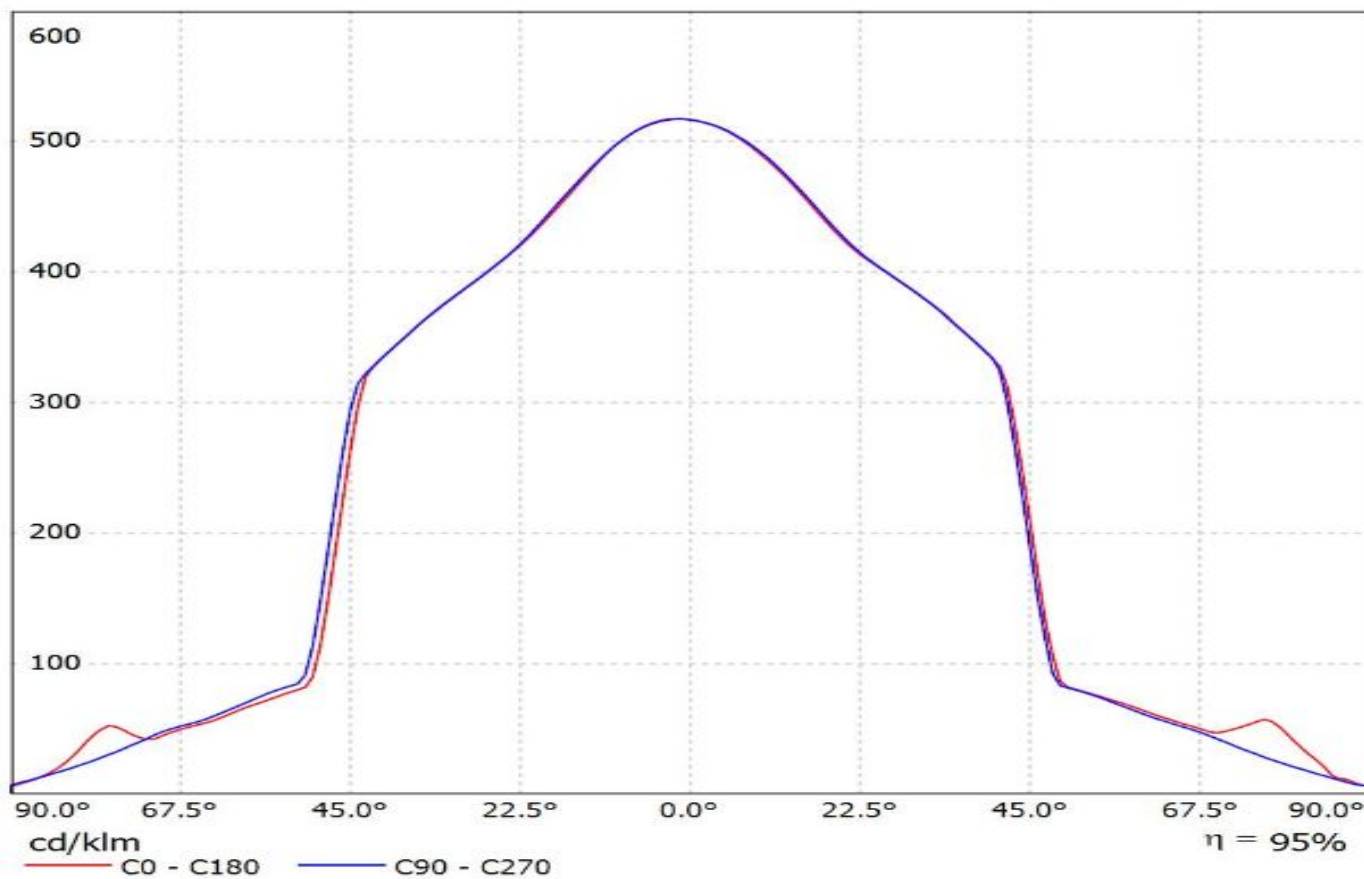


Ledil F13838_ANGELINA-XW_(CLU720) / LDC (Linear)

Luminaire: Ledil F13838_ANGELINA-XW_(CLU720)
Lamps: 1 x CITIZEN_CLU720_(CLU720-1206B8-273M2)
_1340.38lm@250mA_CCT=2700K_P=8.35W_I=0.25A

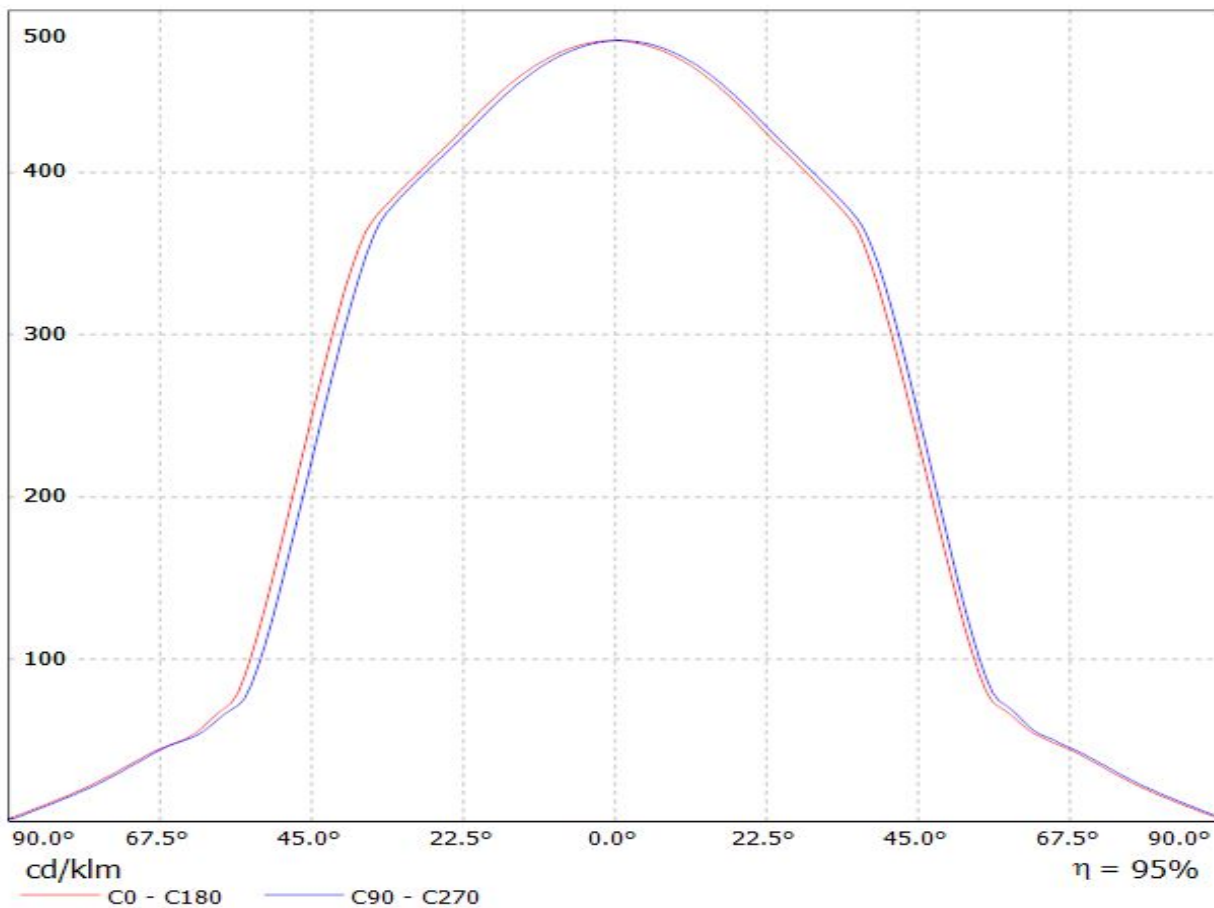


Luminaire: Ledil F13838_ANGELINA-XW_(CLU720)
Lamps: 1 x CITIZEN_CLU720_(CLU720-1206B8-273M2)
_1337.27lm@250mA_CCT=2700K_P=8.35W_I=0.25A

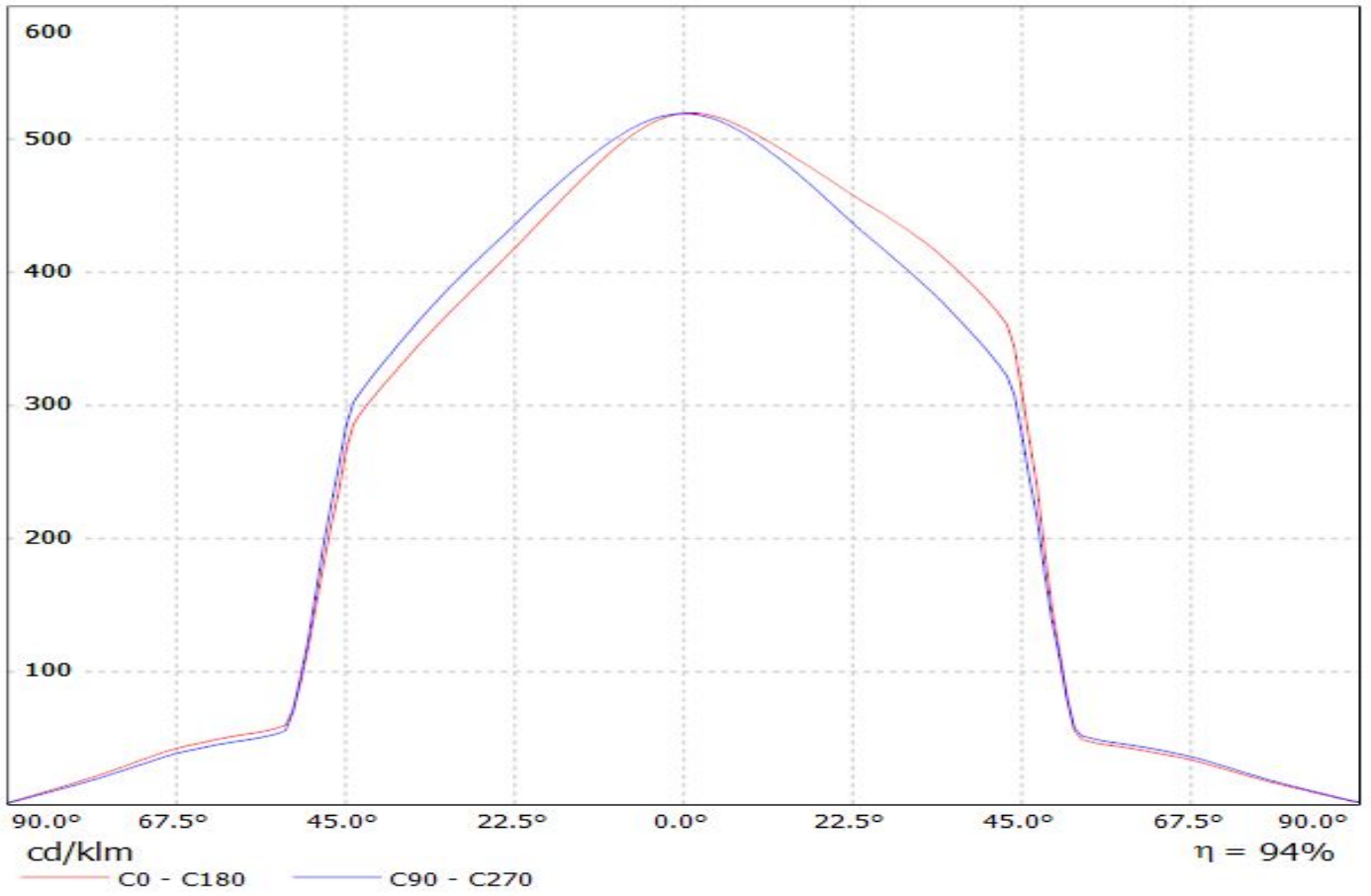


Luminaire: LEDiL Oy F13838_ANGELINA-XW_(CXA3590)

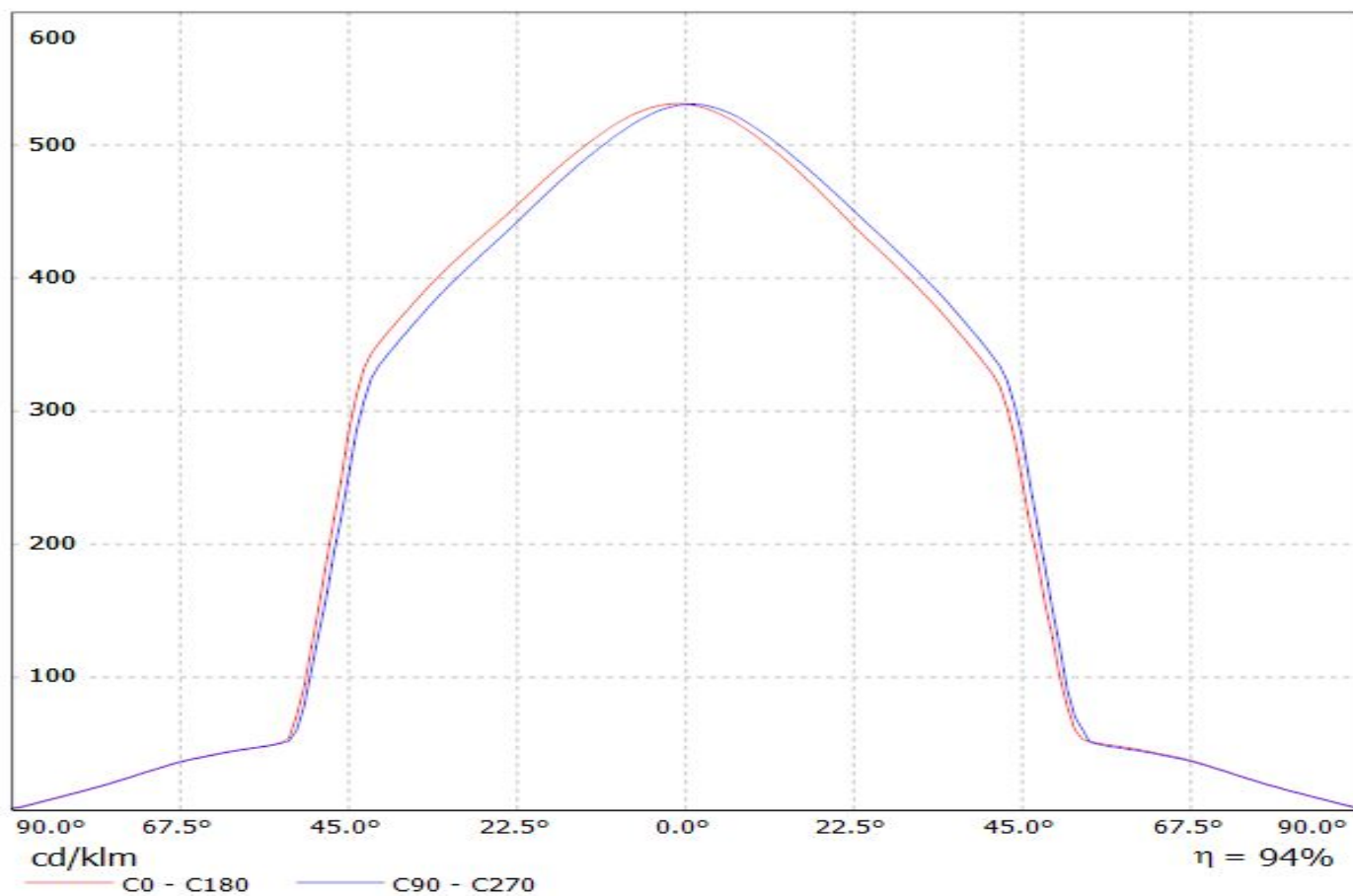
Lamps: 1 x CREE_CXA3590_(CXA3590-30F-BD-R0H-0002)_2640.14lm@250mA_CCT=3000K_P=16.3941W_I=249.8mA



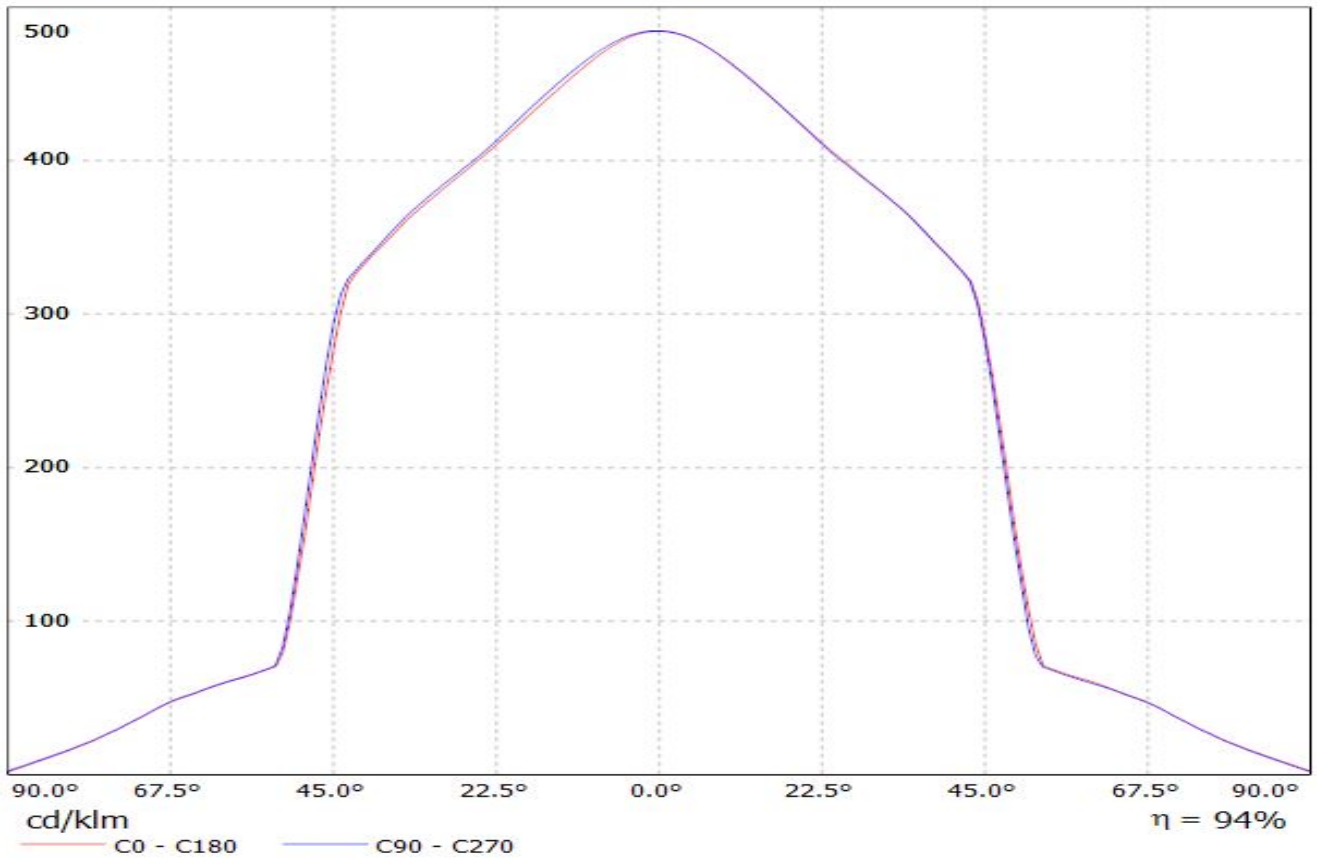
Luminaire: LEDiL Oy F13838_ANGELINA-XW_(K12) Eff.94.0%
Lamps: 1 x Luxeon_K12_937.4lm@250mA_CCT=4000K_P=8.19472_I=249.9mA



Luminaire: LEDiL Oy F13838_ANGELINA-XW_(K16) Eff.94.0%
Lamps: 1 x Luxeon_K16_1246lm@250mA_P=10.8991W_U=249.9mA

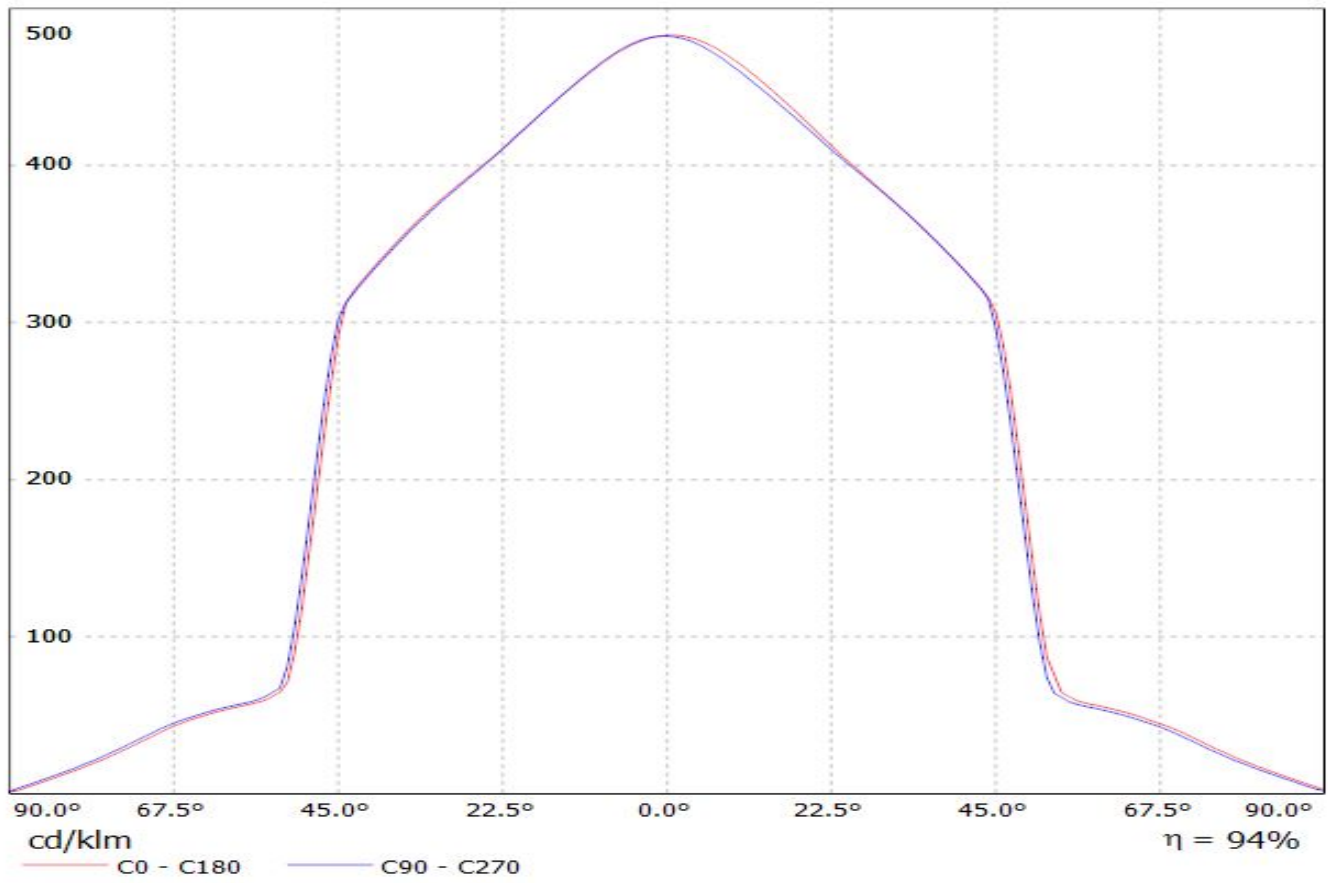


Luminaire: LEDiL Oy F13838_ANGELINA-XW_(CXM-14)
Lamps: 1 x LUMINUS_CXM-14_1114.36lm@250mA_P=8.36106W_I=249.8mA

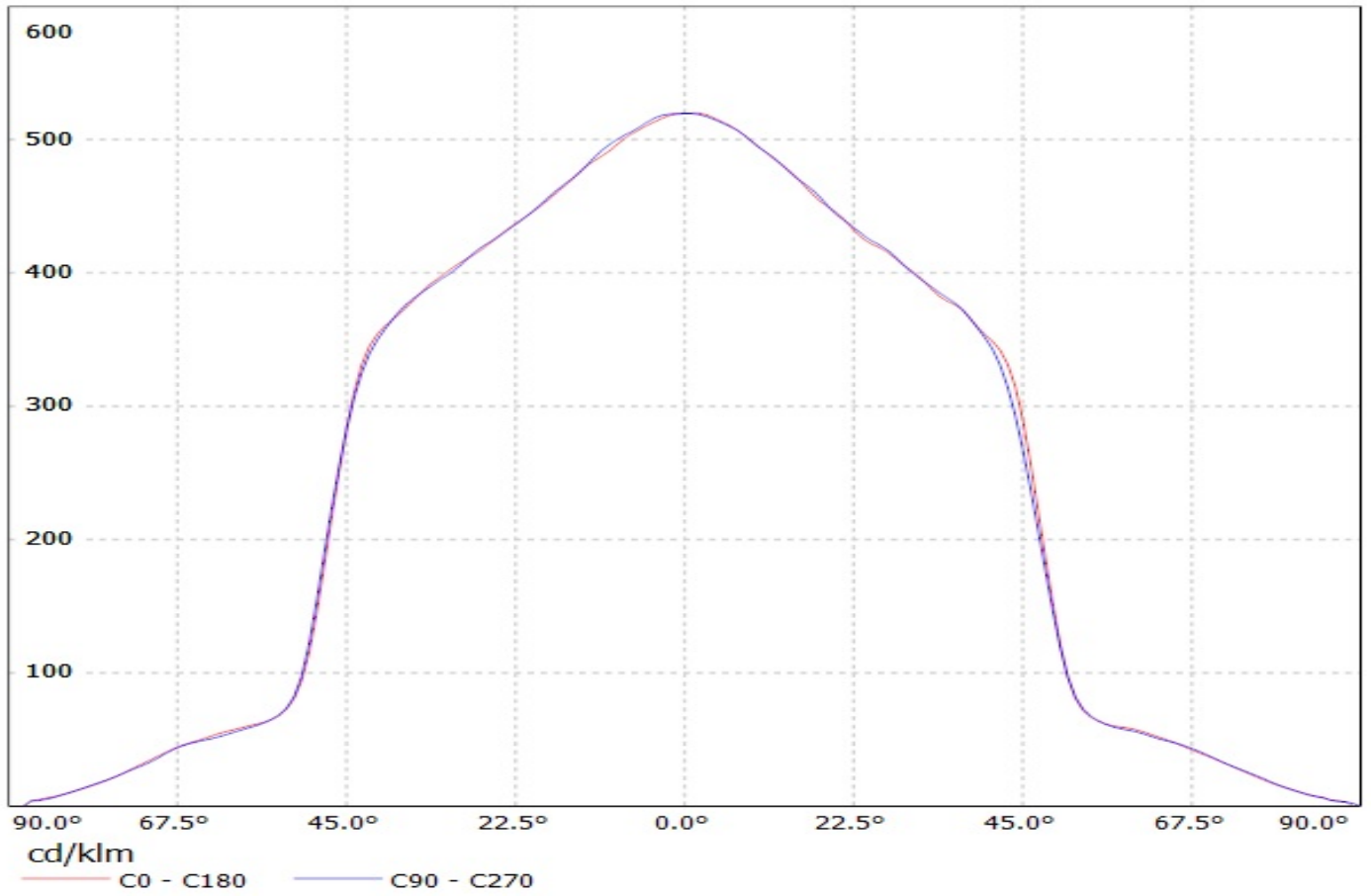


Luminaire: LEDiL Oy F13838_ANGELINA-XW_(NSBxL121A)

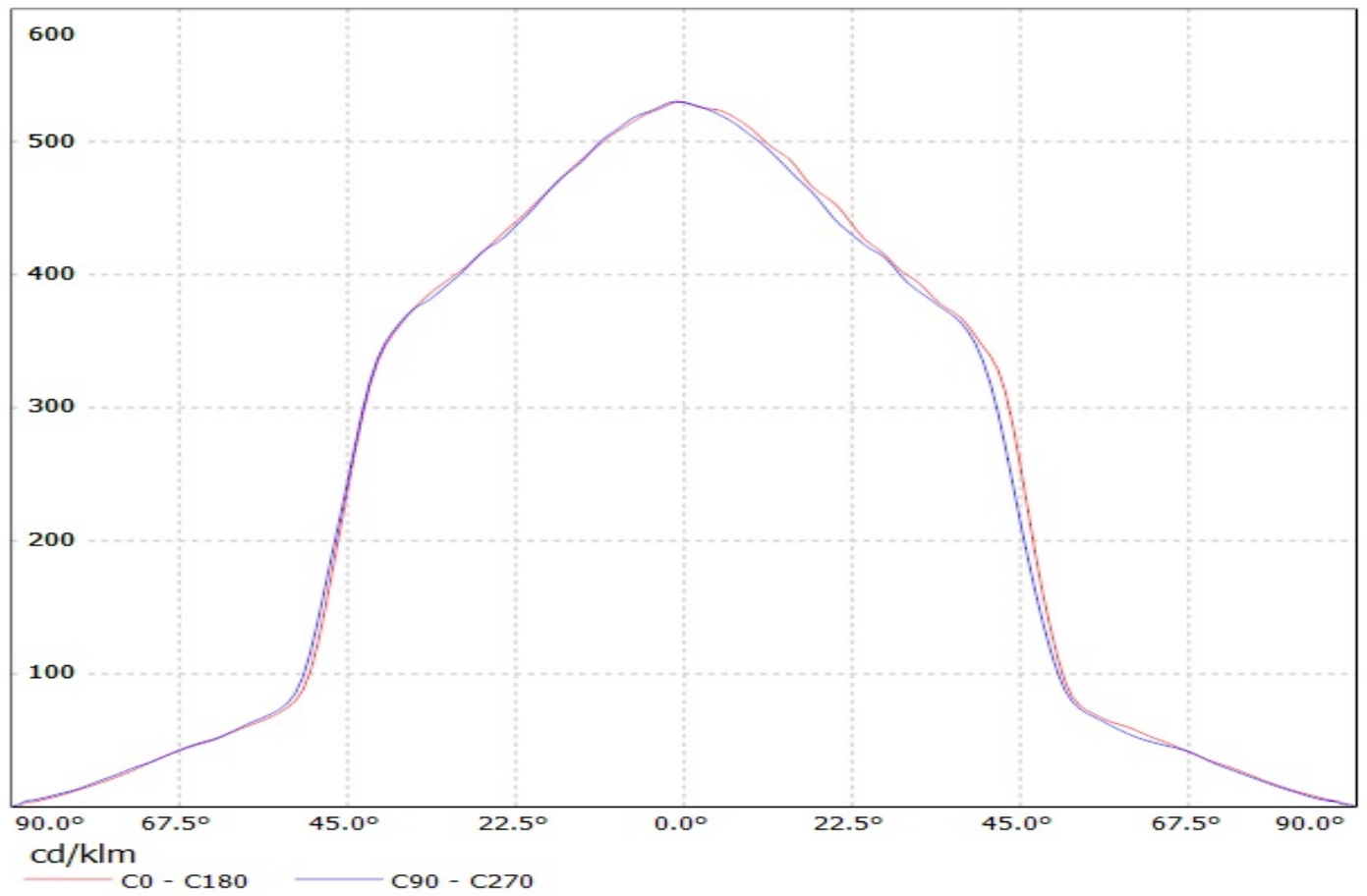
Lamps: 1 x Nichia_NSBxL121A_935.409lm@250mA_P=7.57219W_I=249.8mA



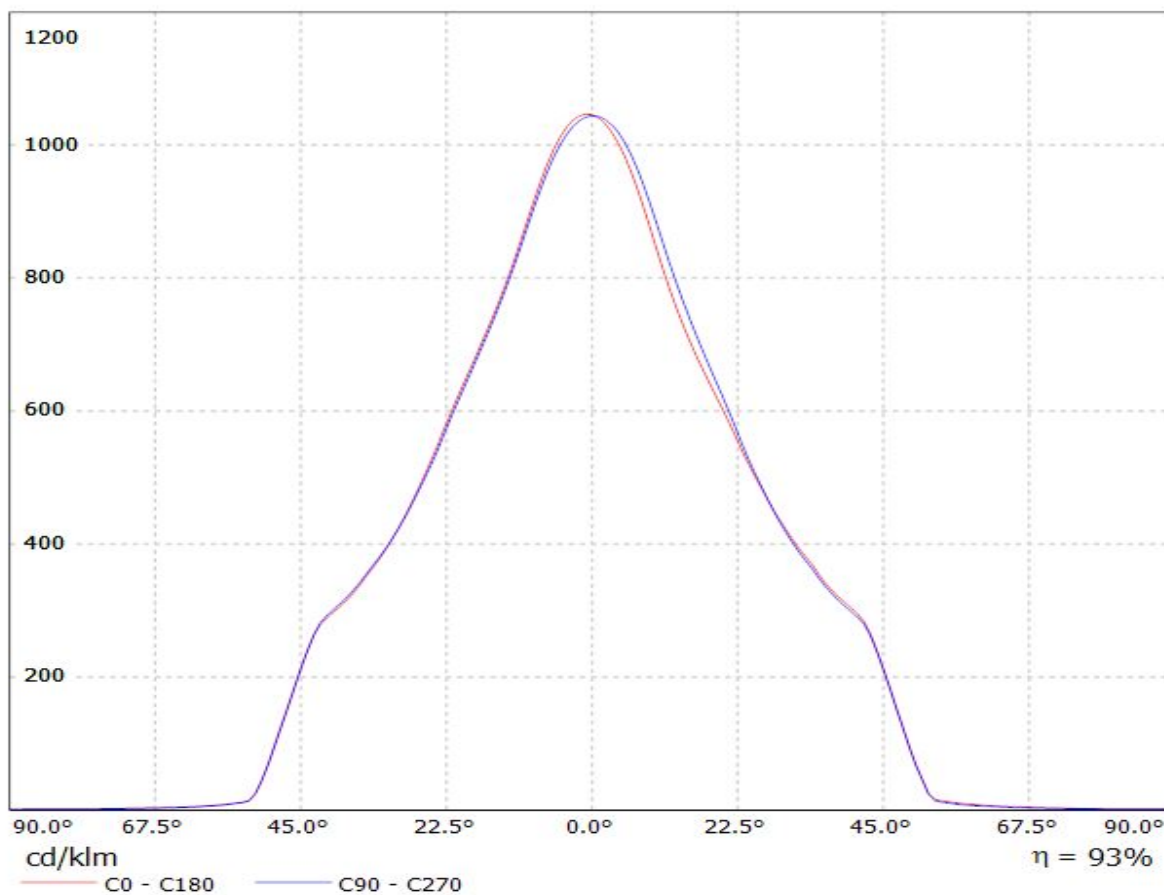
Luminaire: LEDil Oy F13838_ANGELINA-XW_(NFCxL060B)
Lamps: 1 x Nichia NFCxL060B (SM403G2450R8000) 1250.88lm @ 250mA P=8.4W I=250mA



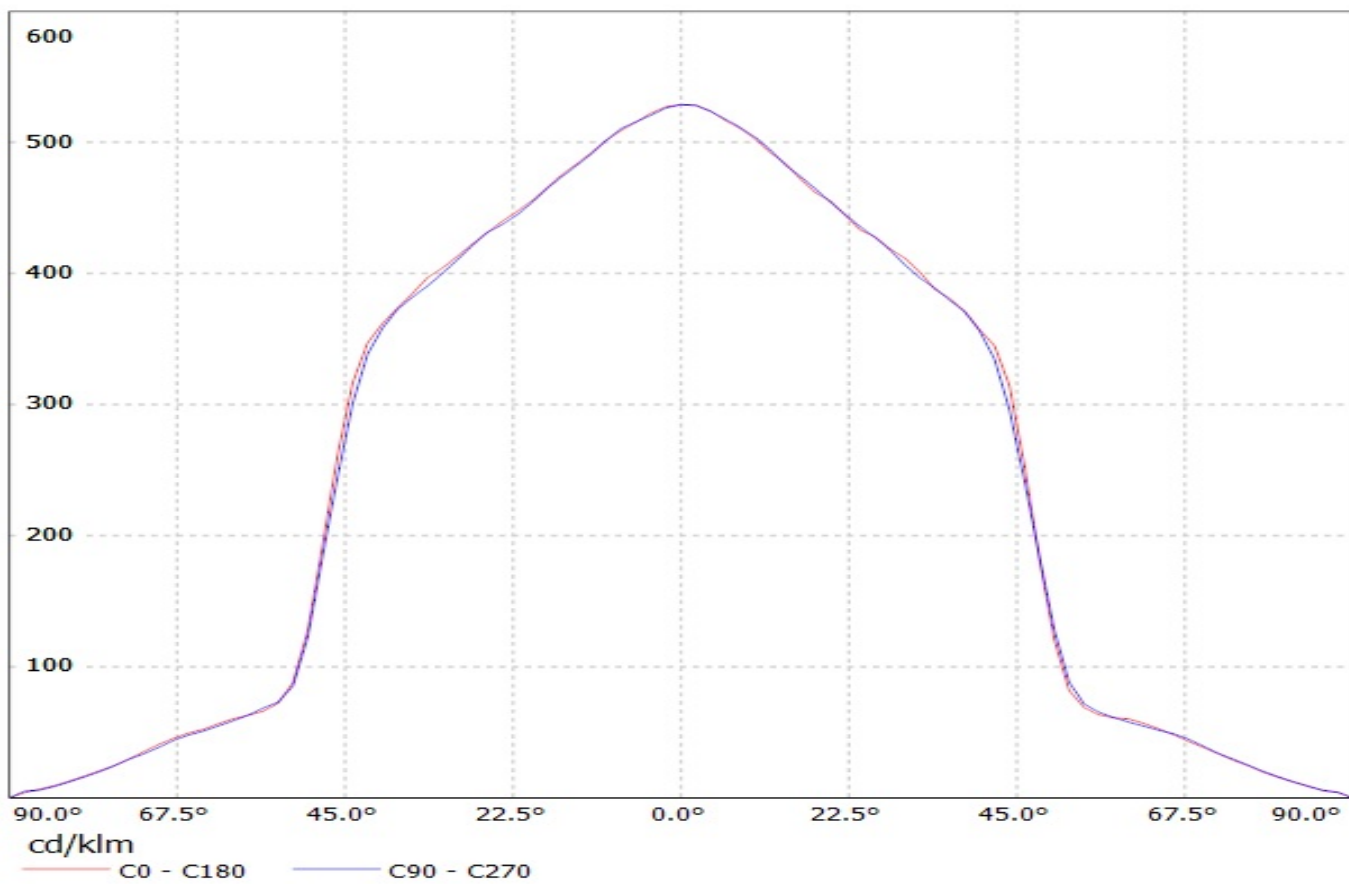
Luminaire: LEDil Oy F13838_ANGELINA-XW_(NFDxJ130B)
Lamps: 1 x Nichia NFDxJ130B (SM403G6450R8000) 1410.46lm @ 250mA P=8.9W I=250mA



Luminaire: LEDiL Oy F13402_ANGELINA-W_(SOLERIQ_S19_&_TE_2213407-2)
Lamps: 1 x OSRAM_SOLERIQ_S19_(GW_KAHJB1.EM)_1393.62lm@250mA_CCT=3000K_P=10.5683W_I=249.8mA

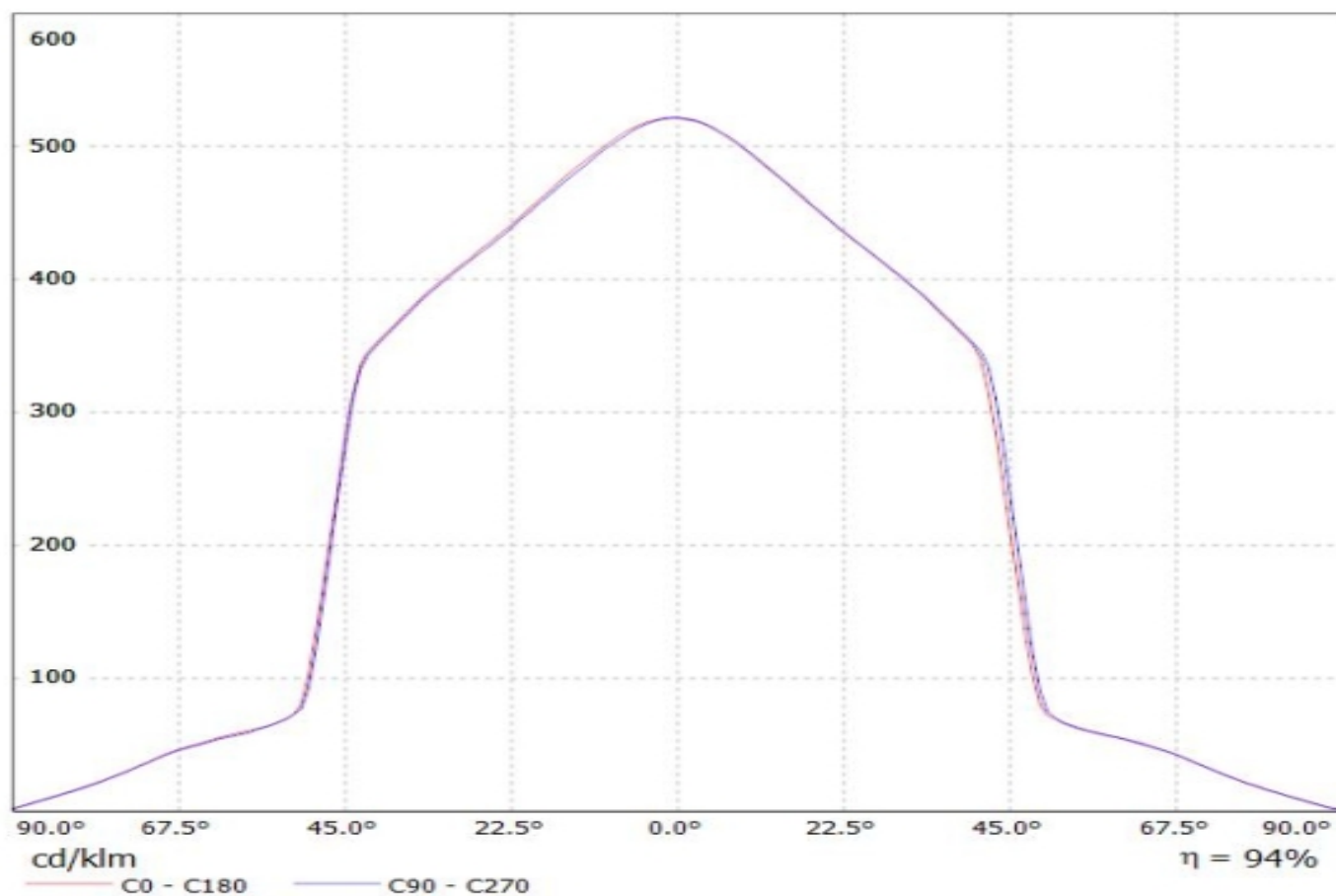


Luminaire: LEDil Oy F13838_ANGELINA-XW_(Soleriq_S13) Efficiency=94%
Lamps: 1 x Osram Soleriq S13 (GW KAGHB1.EM) 855lm @ 250mA CCT=3100K P=7.5W I=250mA

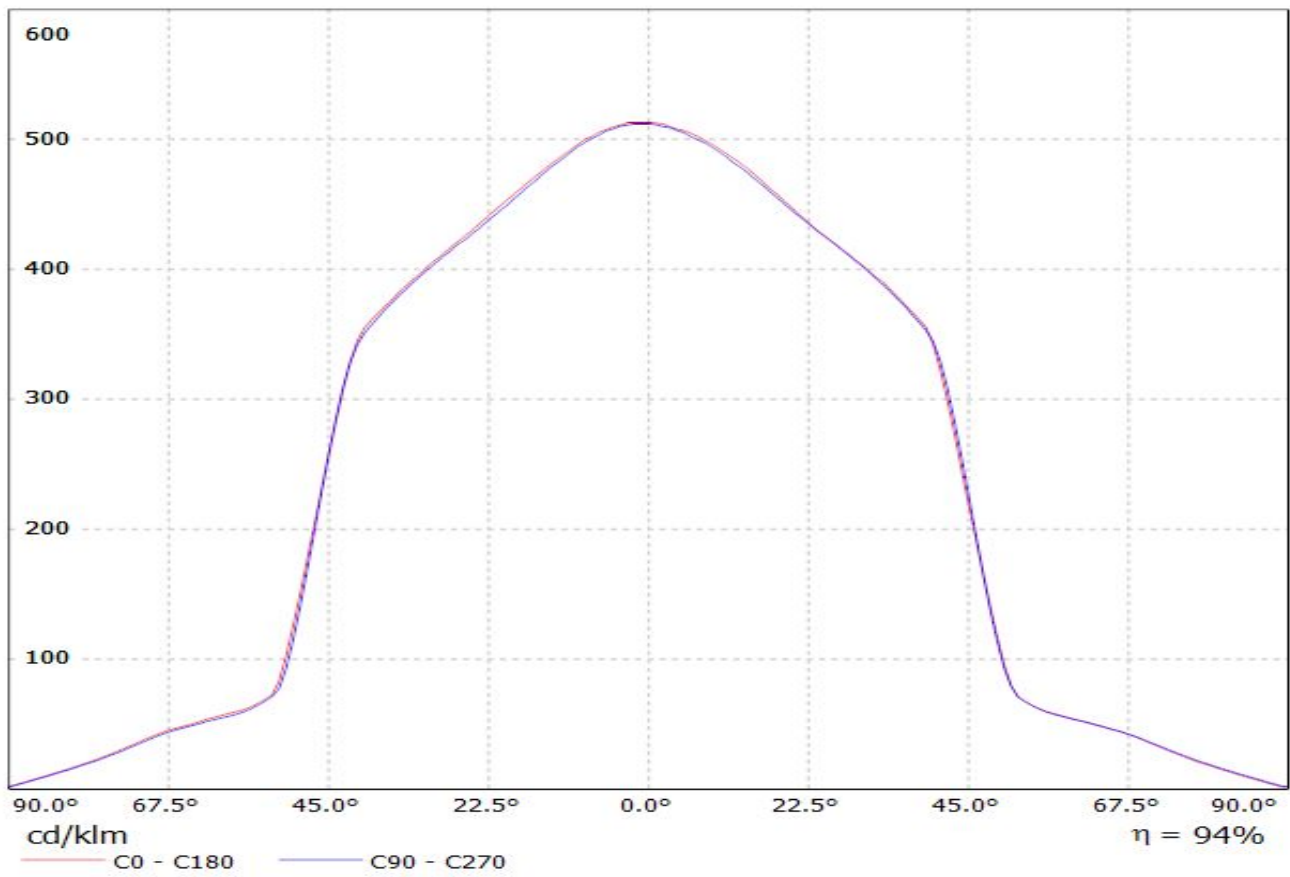


Luminaire: LEDiL Oy F13838_ANGELINA-XW_(LEP-800-827-C-AC)

Lamps: 1 x OSRAM PrevaLED Core AC (LEP-800-827-C-AC) 910lm@60mA U:230V P:14W

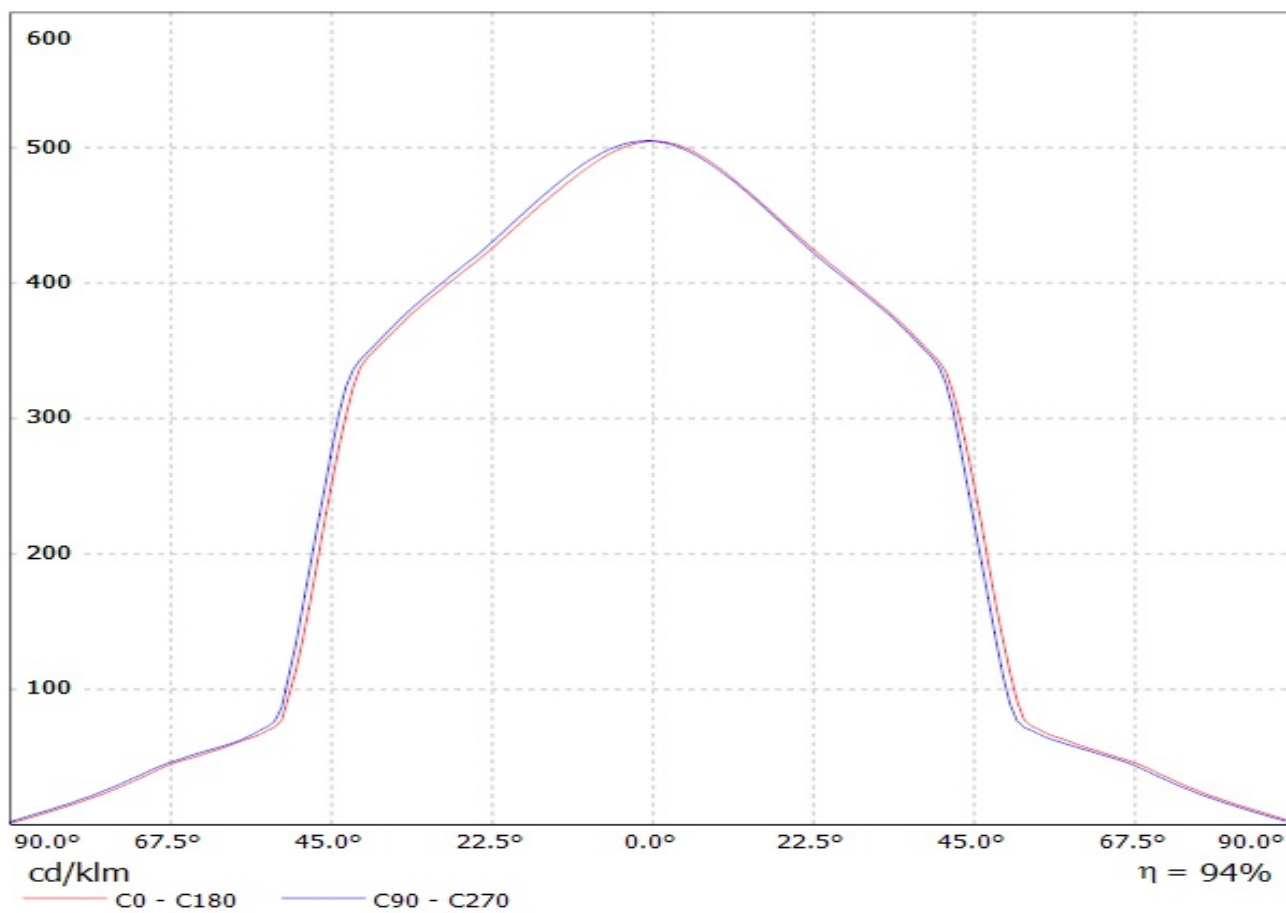


Luminaire: LEDiL Oy F13838_ANGELINA-XW_(LEP-2000-827-C-AC)
Lamps: 1 x OSRAM PrevaLED Core AC (LEP-2000-827-C-AC)



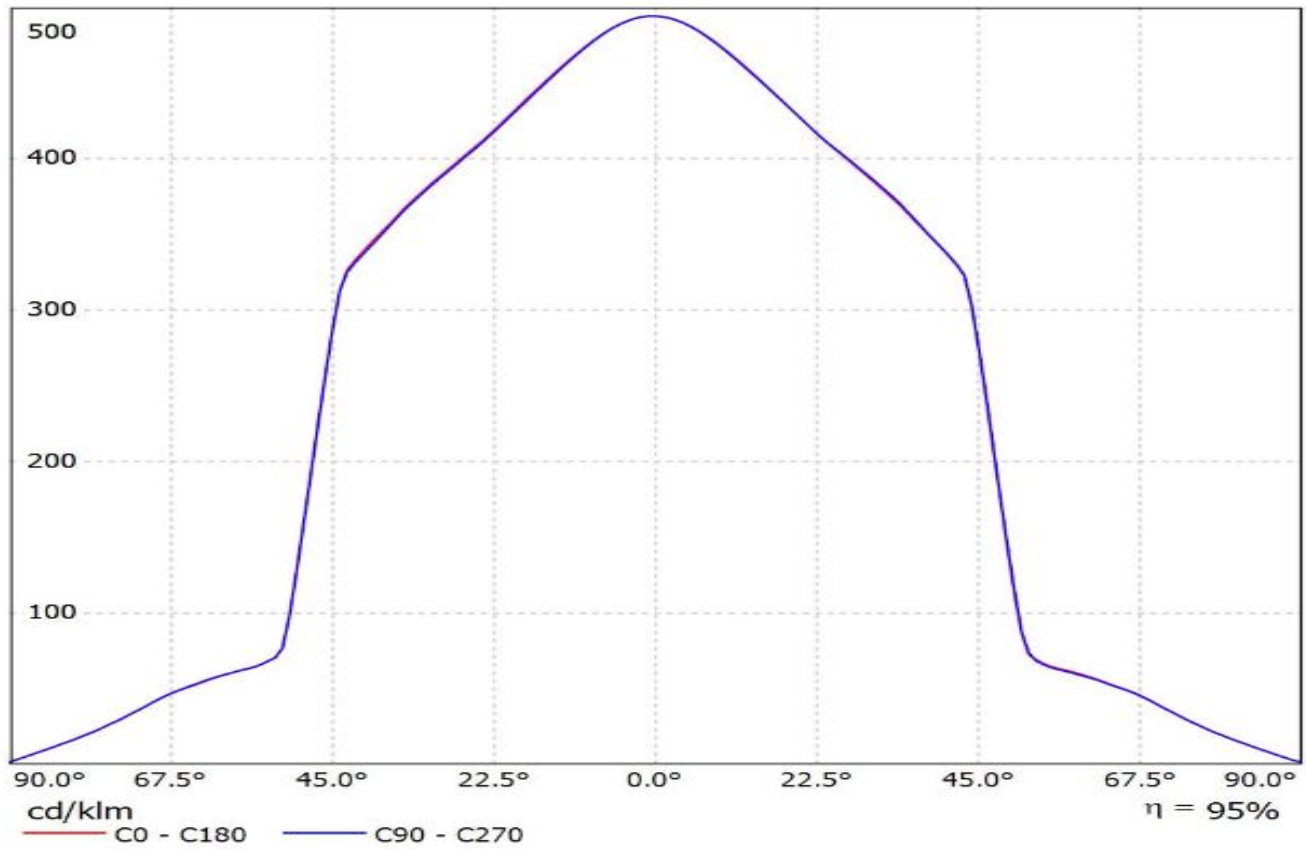
Luminaire: LEDiL Oy F13838_ANGELINA-XW_(PrevaLED_Z4) Eff: 94%

Lamps: 1 x Osram_PrevaLED_CORE_Z4_(PL-CORE-3000-830-Z4)_1433.3lm@250mA_P=10.7652W_I=249.9mA

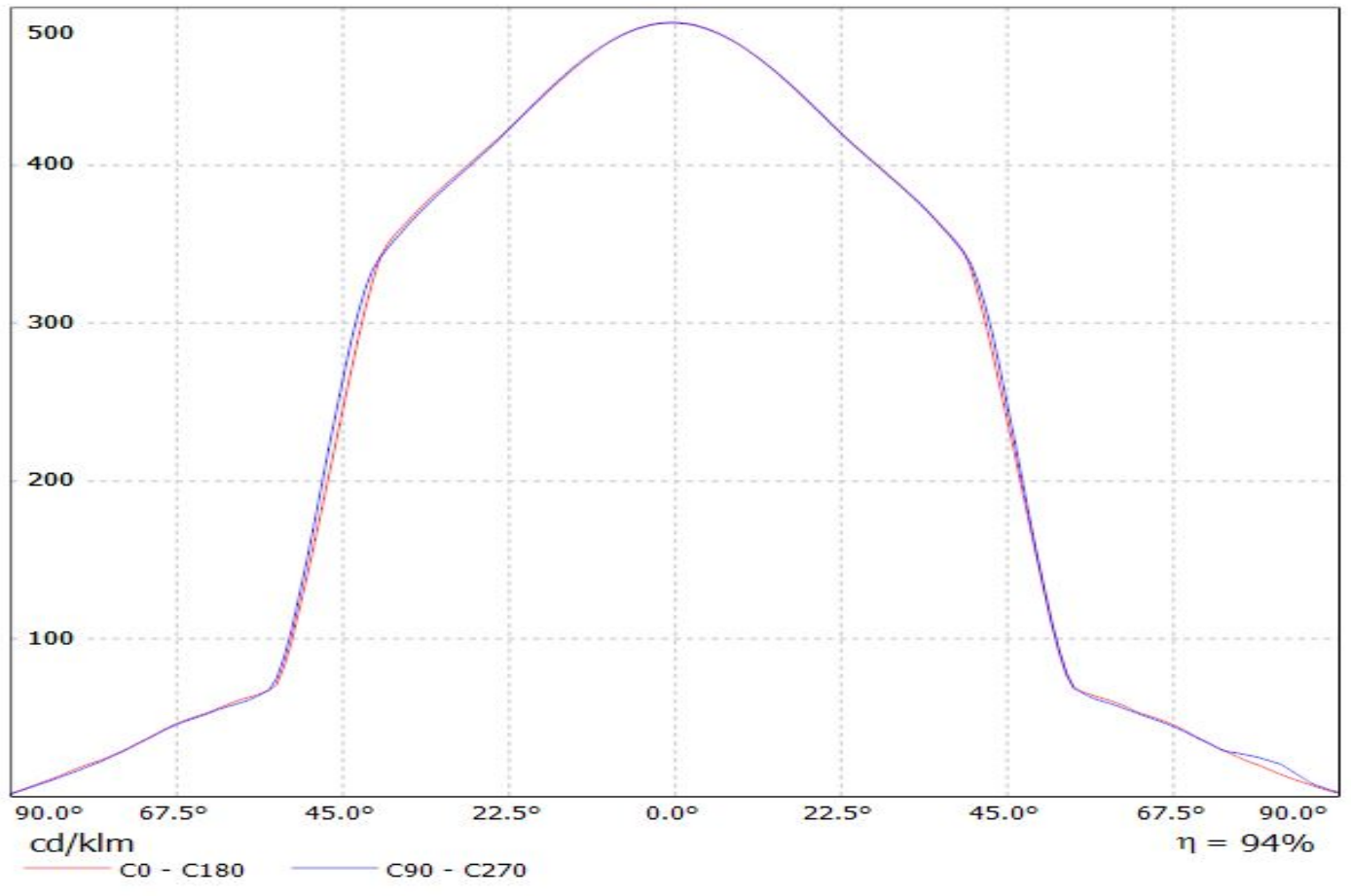


Luminaire: LEDiL Oy F13838_ANGELINA-XW_(SOLERIQ_P13)

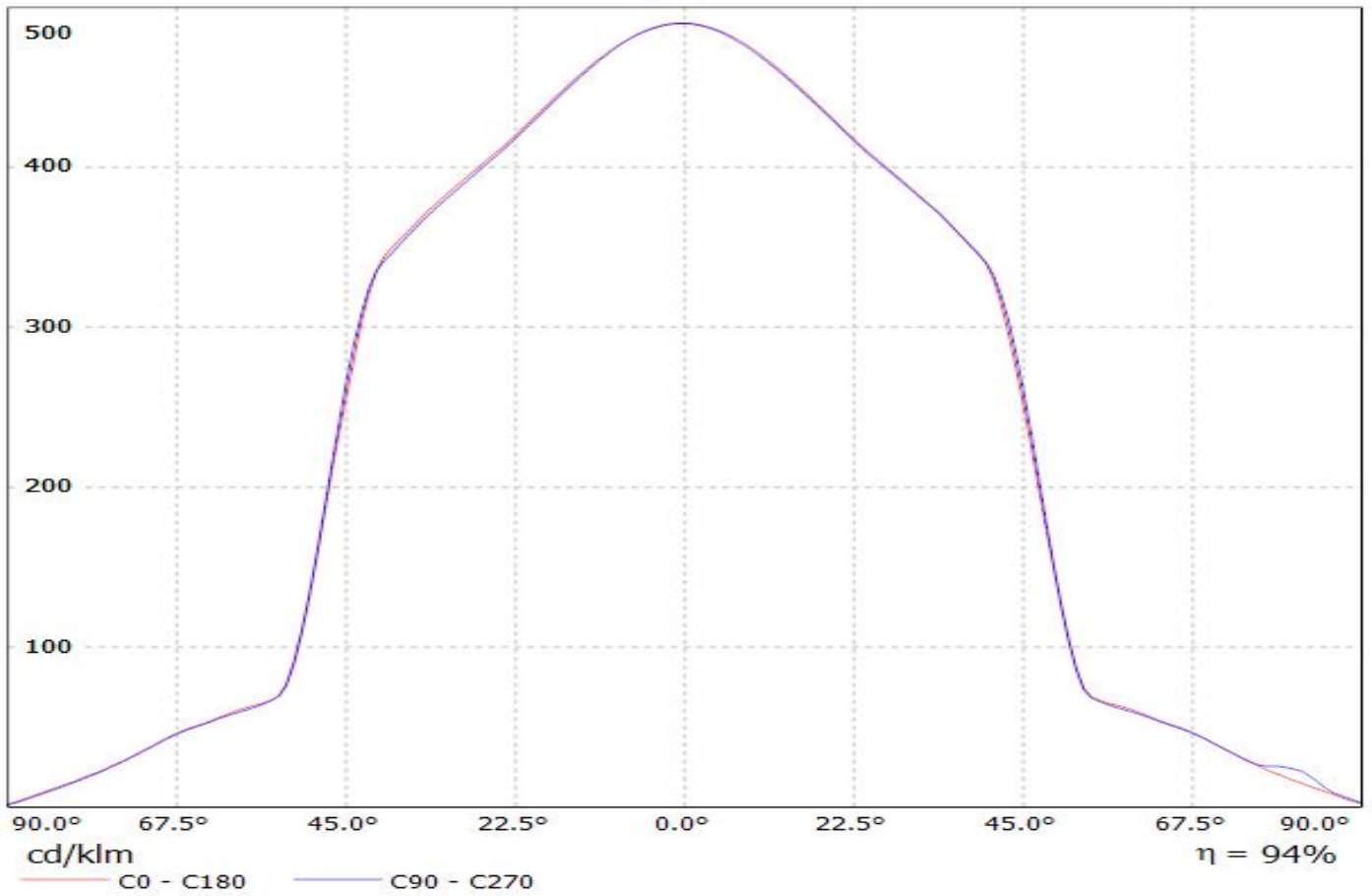
Lamps: 1 x SOLERIQ_P13_(GW_MAGMB1.EM)_1038.25lm@250mA_CCT=3000K_P=8.77223W_I=249.8mA



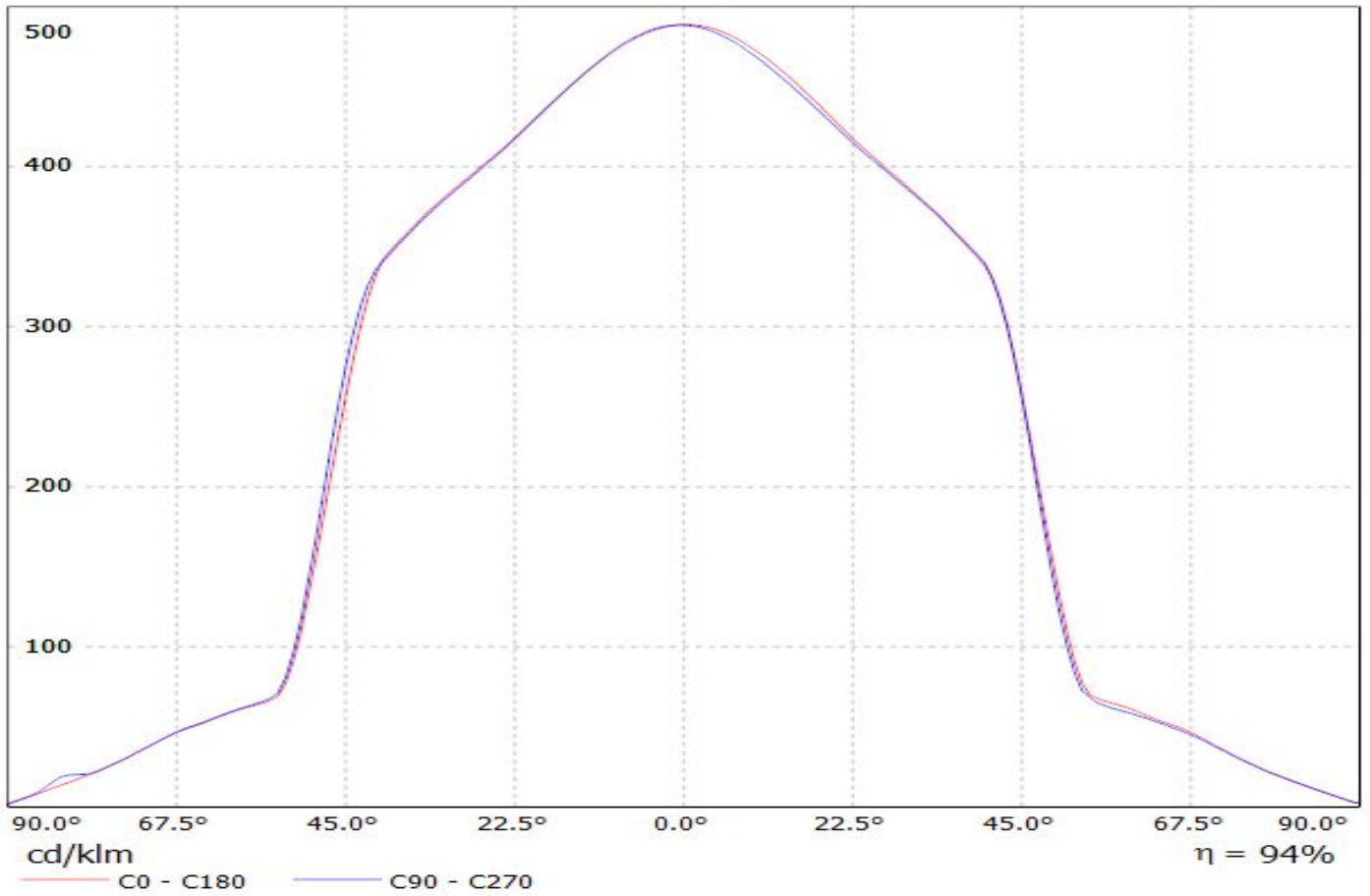
Luminaire: LEDiL Oy F13838_ANGELINA-XW_(SLM_4500) Eff.94.3%
Lamps: 1 x Philips_FORTIMO_SLM_4500_1139.88lm@250mA_P=10.7416W_I=249.8mA



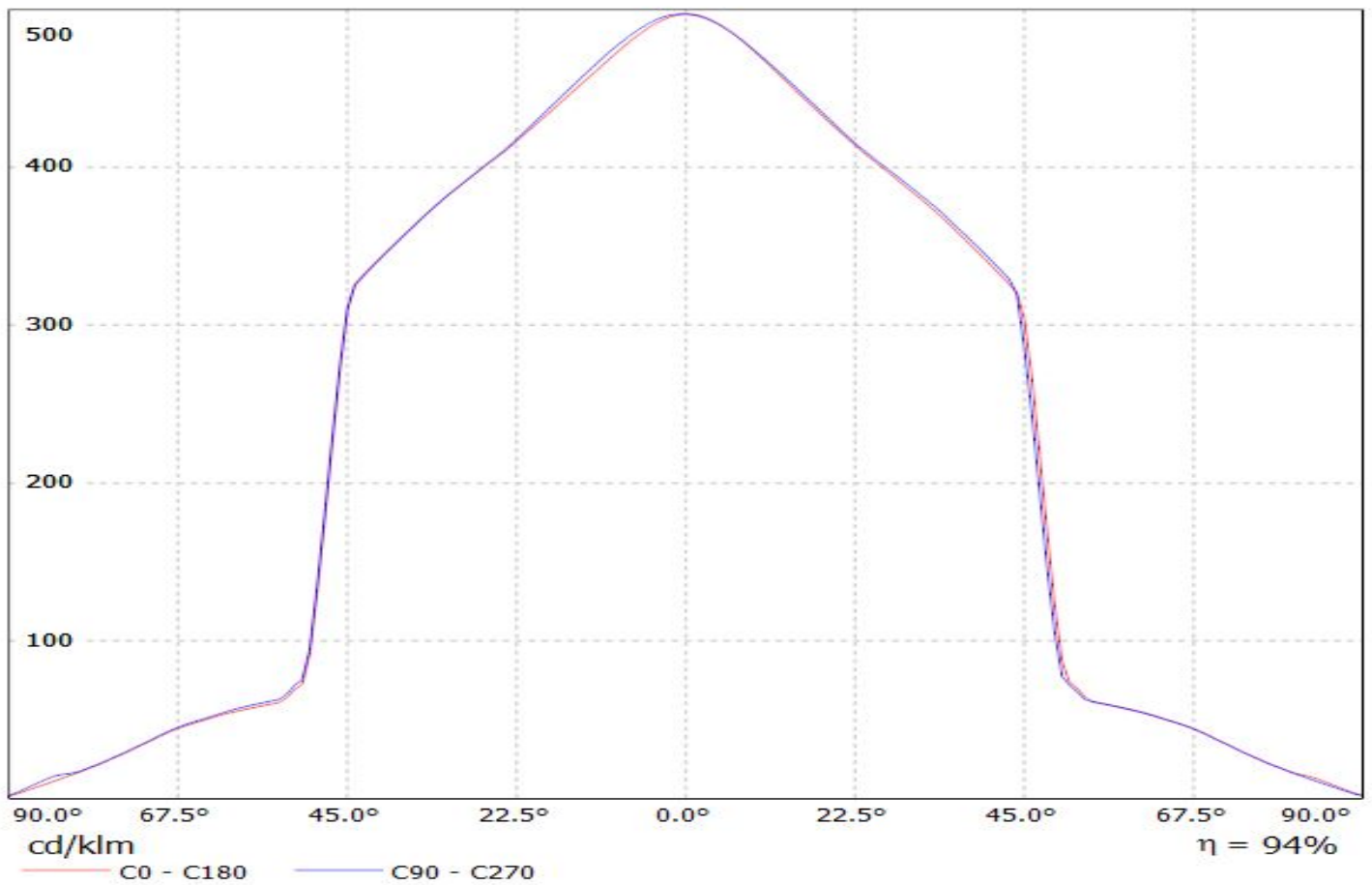
Luminaire: LEDiL Oy F13838_ANGELINA-XW_(SLM_2000) Eff.94.1%
Lamps: 1 x Philips_FORTIMO_SLM_2000_728.985lm@250mA_P=6.244W_I=249.9W



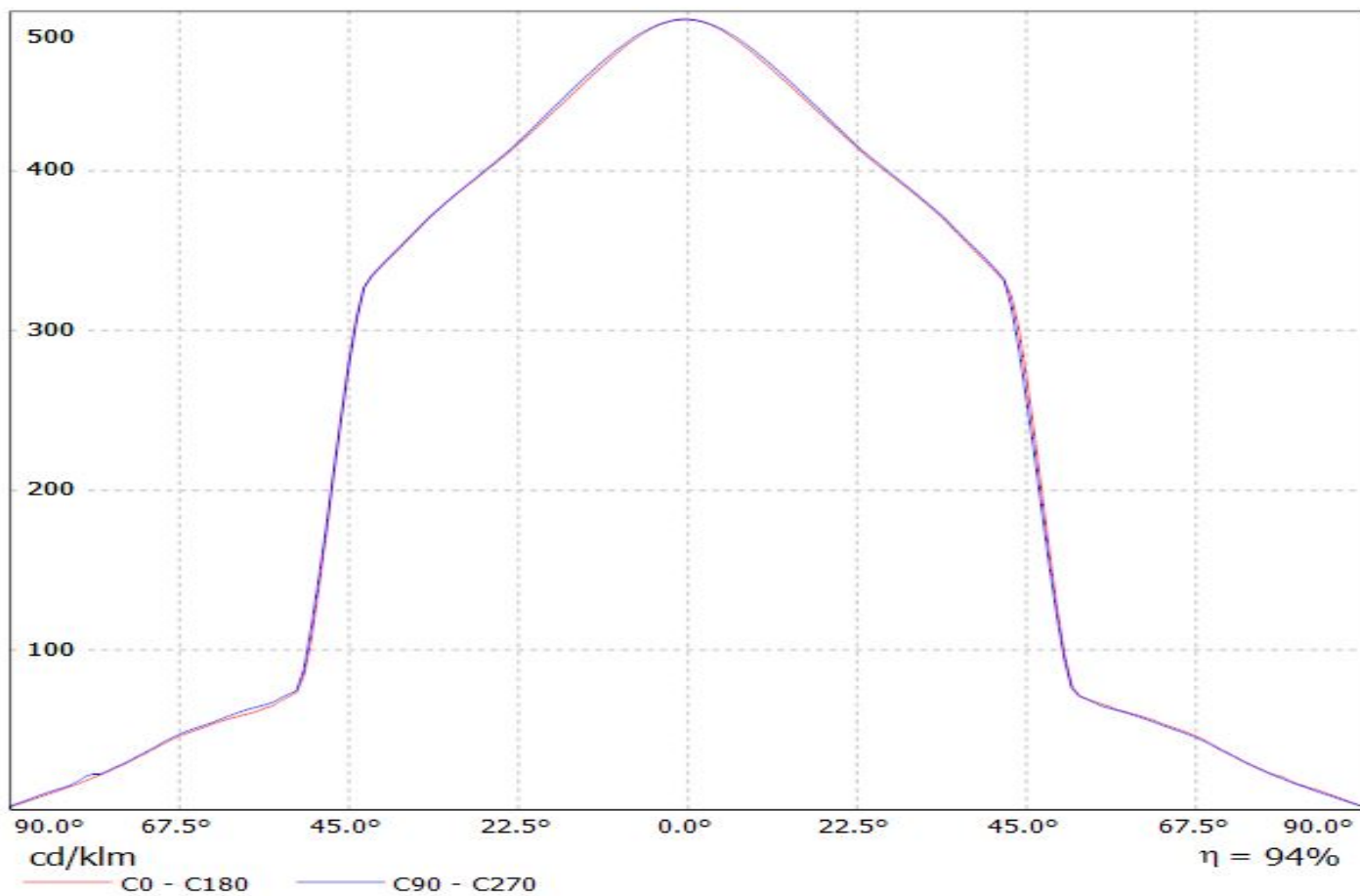
Luminaire: LEDiL Oy F13838_ANGELINA-XW_(SLM_3000) Eff.94.2%
Lamps: 1 x Philips_FORTIMO_SLM_3000_1066.81lm@250mA_P=8.8817W_I=249.9mA



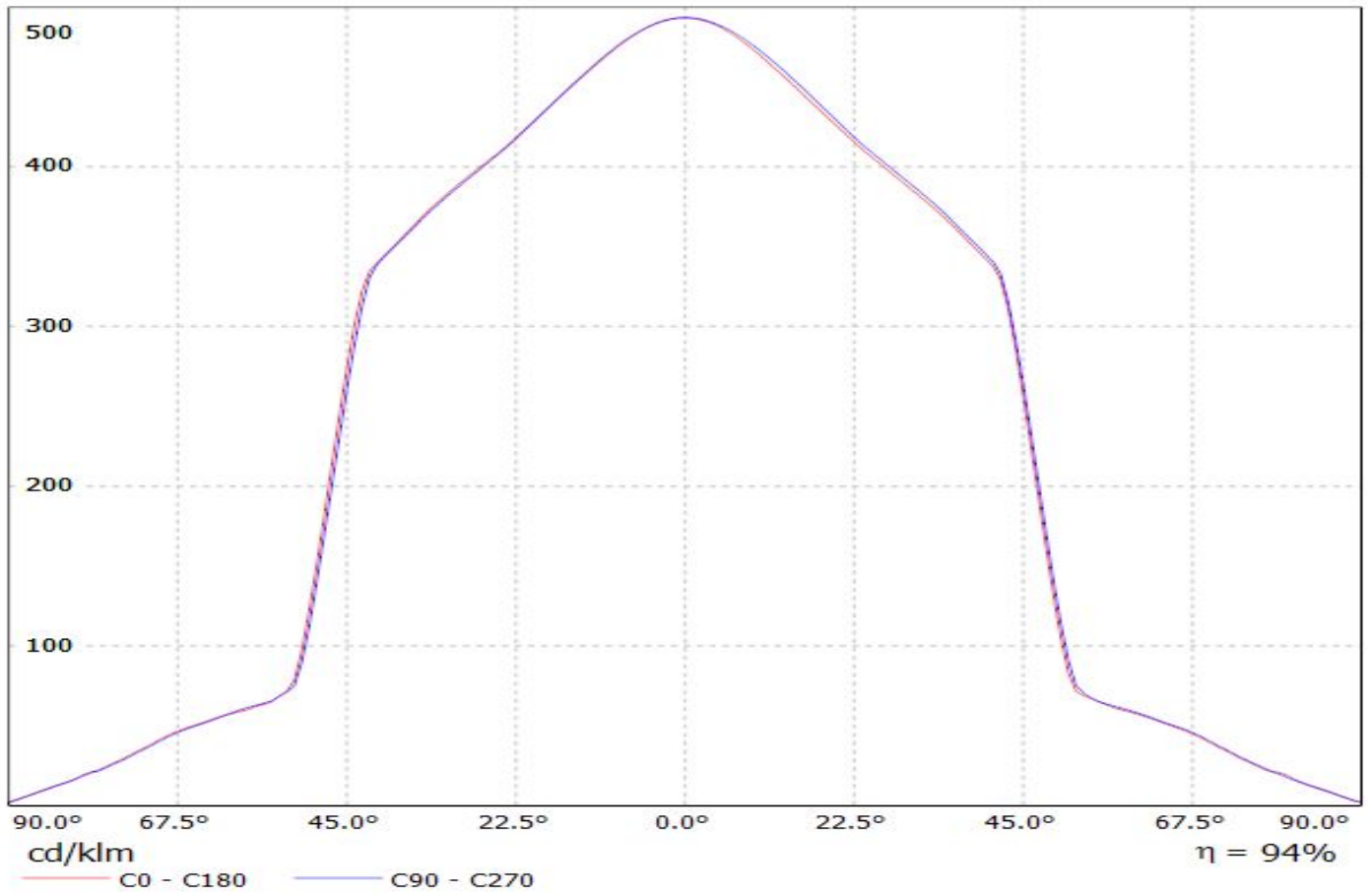
Luminaire: LEDiL Oy F13838_ANGELINA-XW_(Fortimo LED SLM 1100 lm 830 L9 G4)
Lamps: 1 x Fortimo LED SLM 1100 lm 830 L9 G4_1021.27lm@250mA_P=9.2431W_I=0.2498A



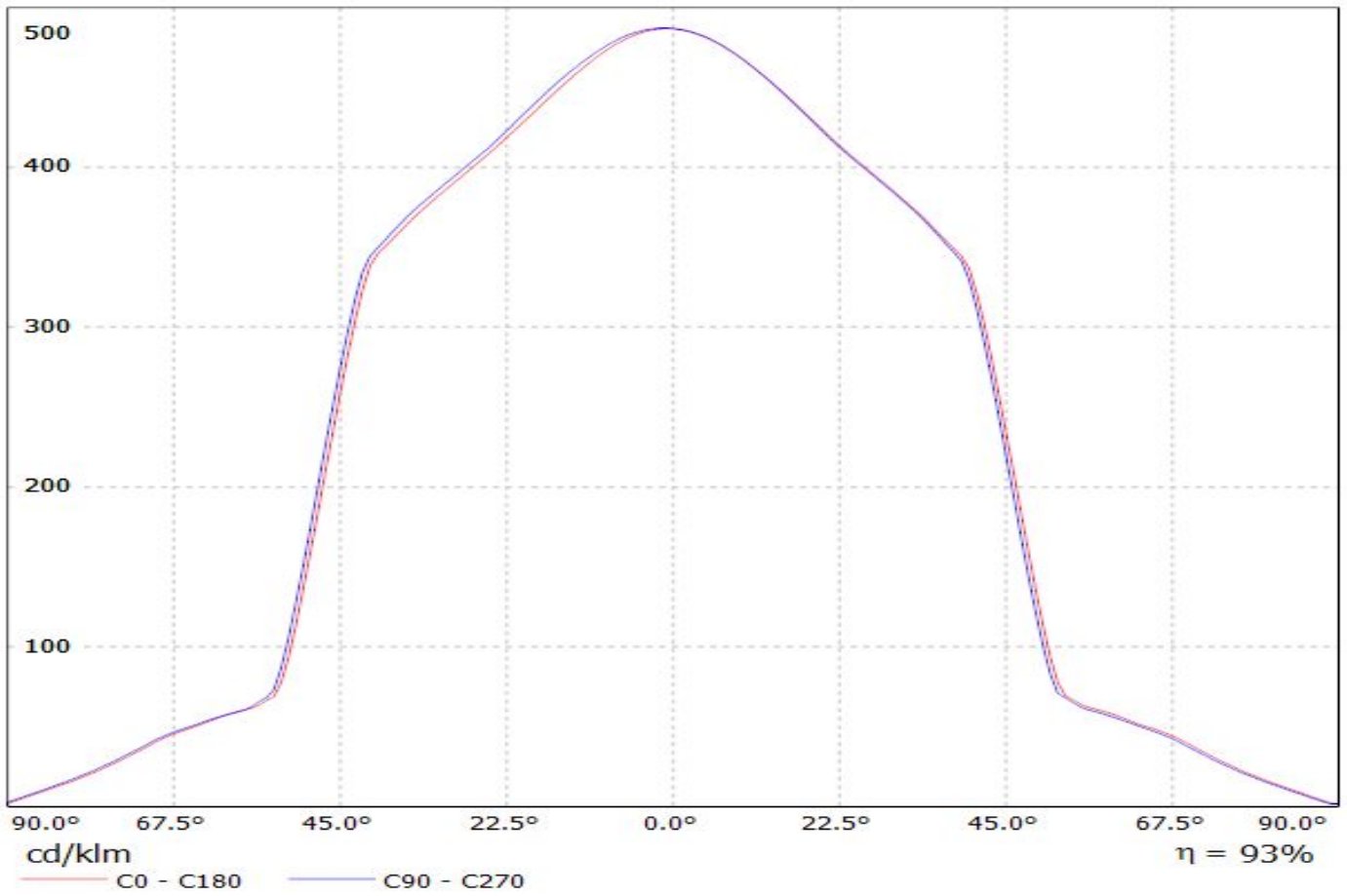
Luminaire: LEDiL Oy F13838_ANGELINA-XW_(Fortimo LED SLM L13 G4)
Lamps: 1 x Fortimo LED SLM L13 G4_1110.38lm@250mA_P=8.38454W_I=0.2498A



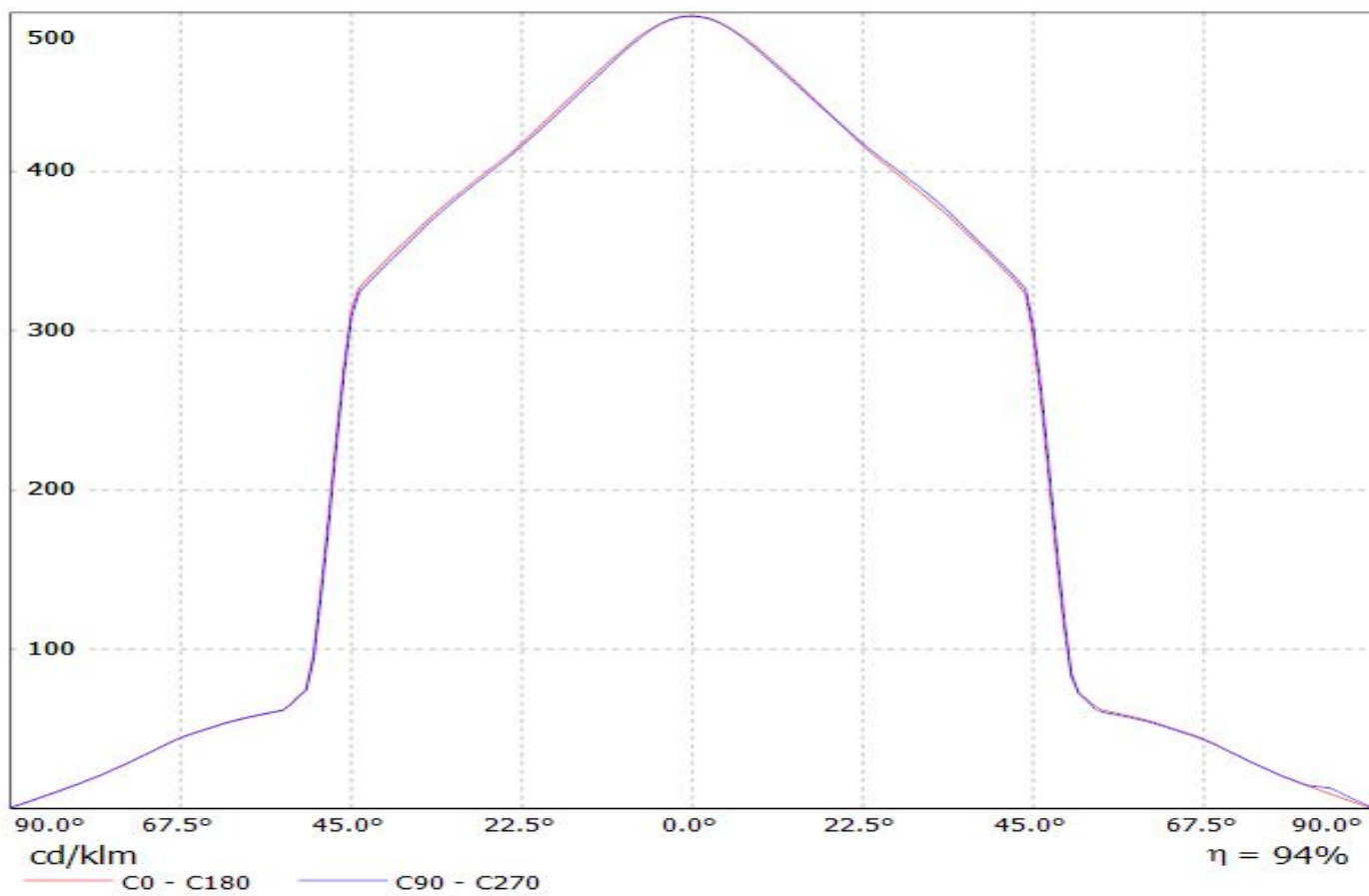
Luminaire: LEDiL Oy F13838_ANGELINA-XW_(Fortimo LED SLM L15 G4)
Lamps: 1 x Fortimo LED SLM L15 G4_1116.47lm@250mA_P=8.21168W_I=0.2498A



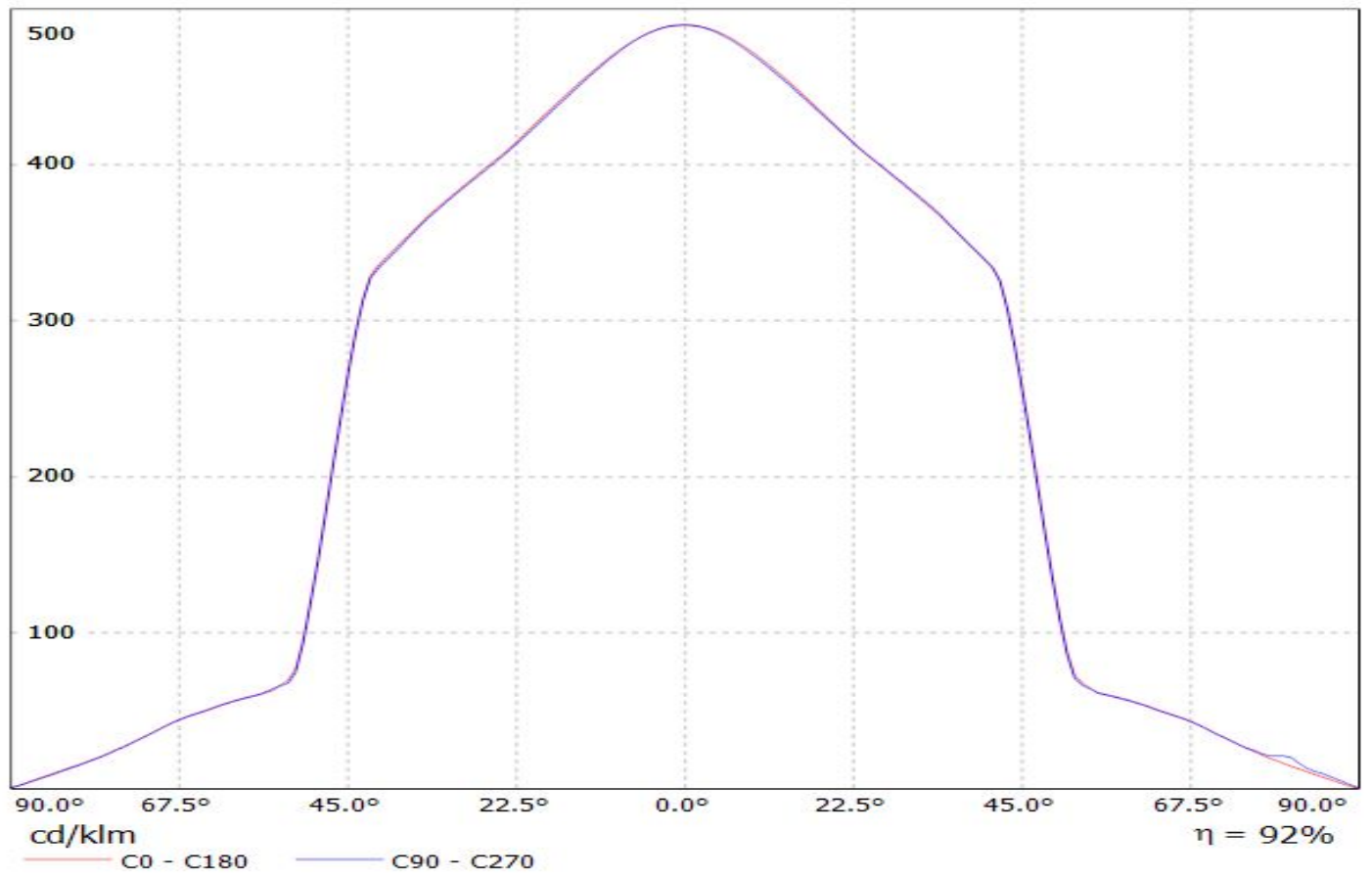
Luminaire: LEDiL Oy F13838_ANGELINA-XW_(Fortimo LED SLM L19 G4)
Lamps: 1 x Fortimo LED SLM L19 G4_1114.89lm@250mA_P=8.04906W_I=0.2498A



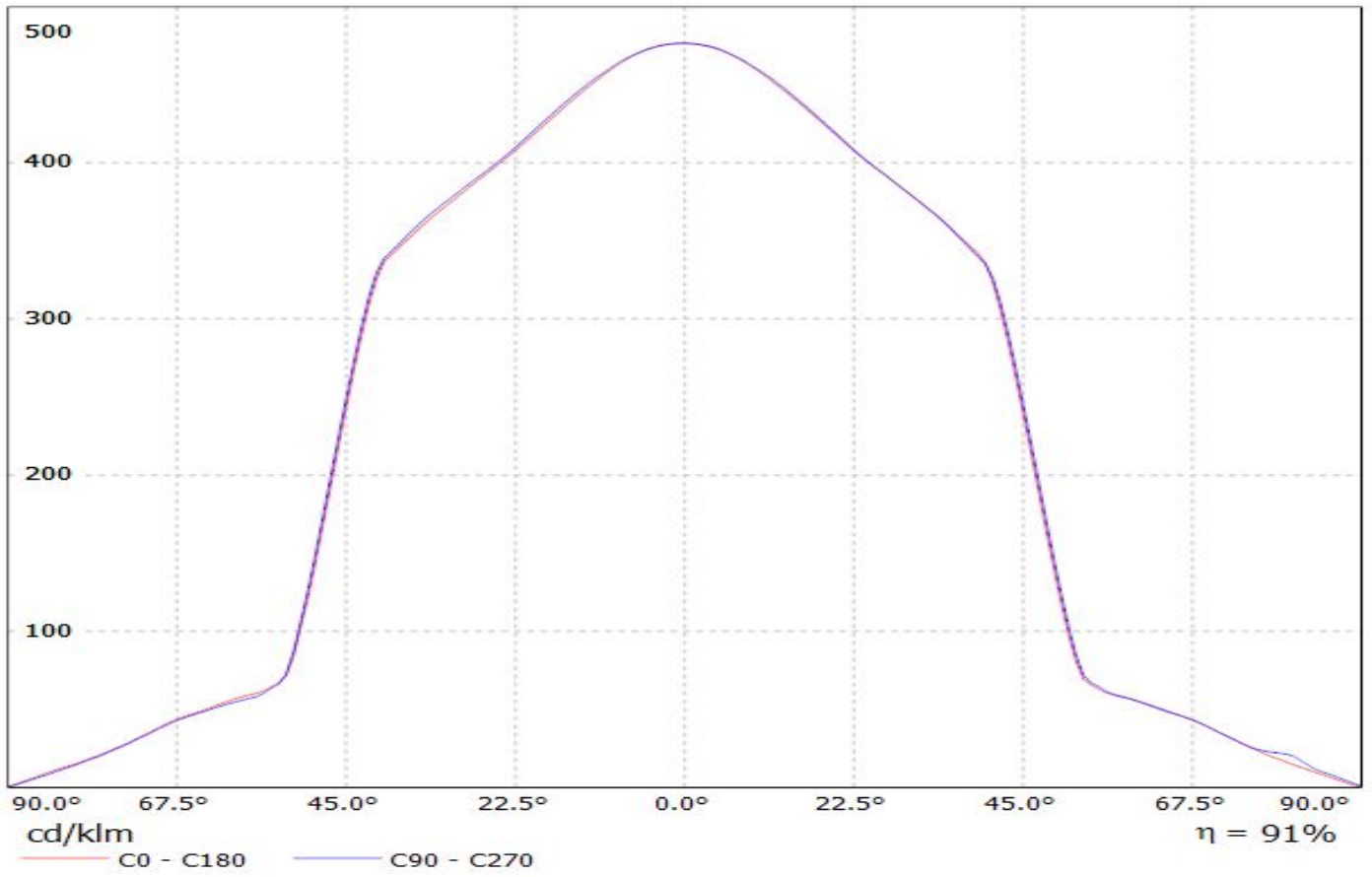
Luminaire: LEDiL Oy F13838_ANGELINA-XW_(SLM-G5-LES-9)_ (Z50-Optic-Clip)
Lamps: 1 x Fortimo_SLM-G5-LES-9_1182.49lm@250mA_P=8.5848W_I=0.250A



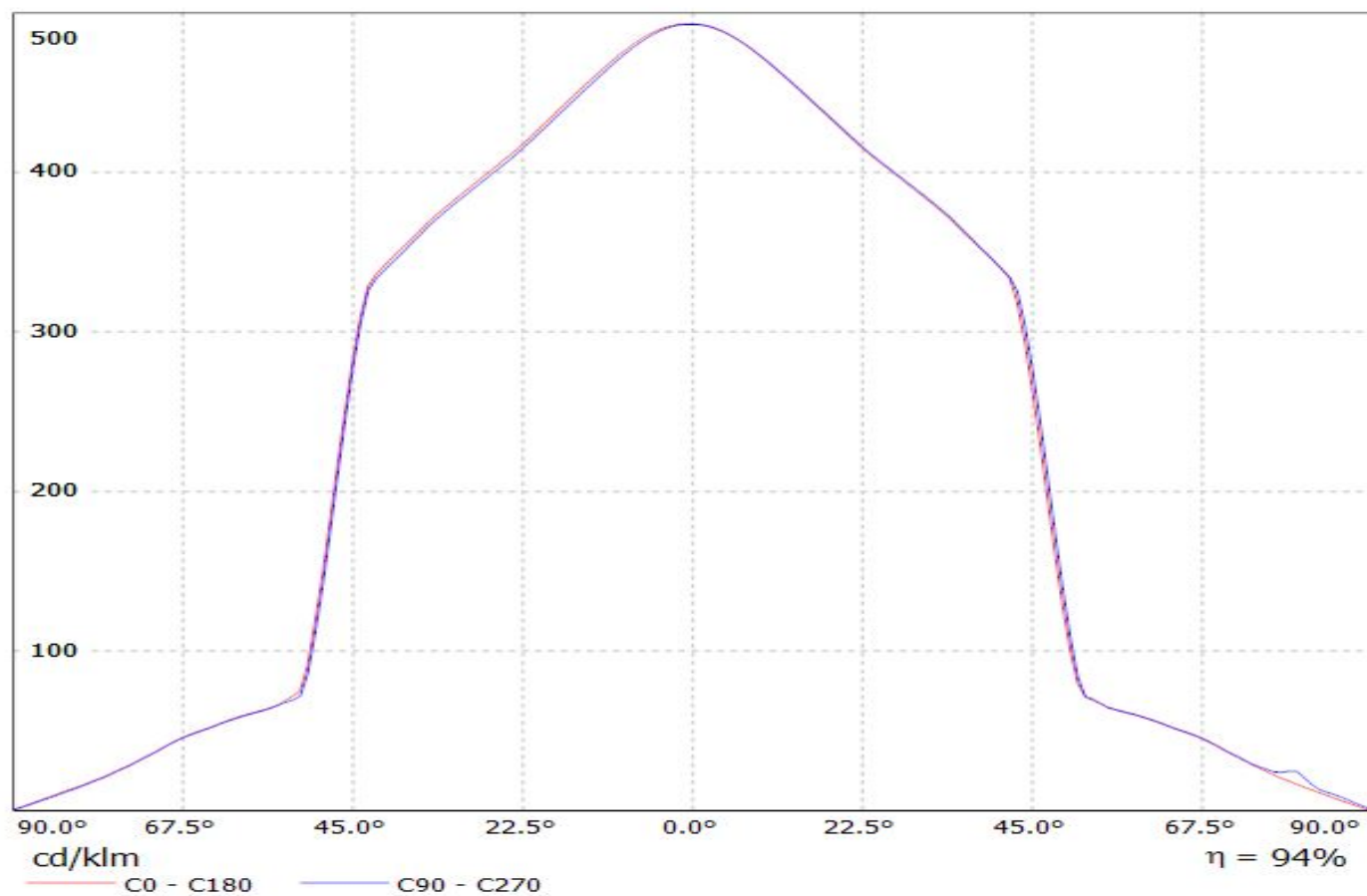
Luminaire: LEDiL Oy F13838_ANGELINA-XW_(SLM-G5_LES-15)
Lamps: 1 x Fortimo_SLM-G5_LES-15_1257.61lm@250mA_P=8.1569W_I=0.250A



Luminaire: LEDiL Oy F13838_ANGELINA-XW_(SLM-G5_LES-19)_ (Z50_Optic_Clip)
Lamps: 1 x Fortimo_SLM-G5_LES-19_1397.58lm@250mA_P=8.0385W_I=0.250A

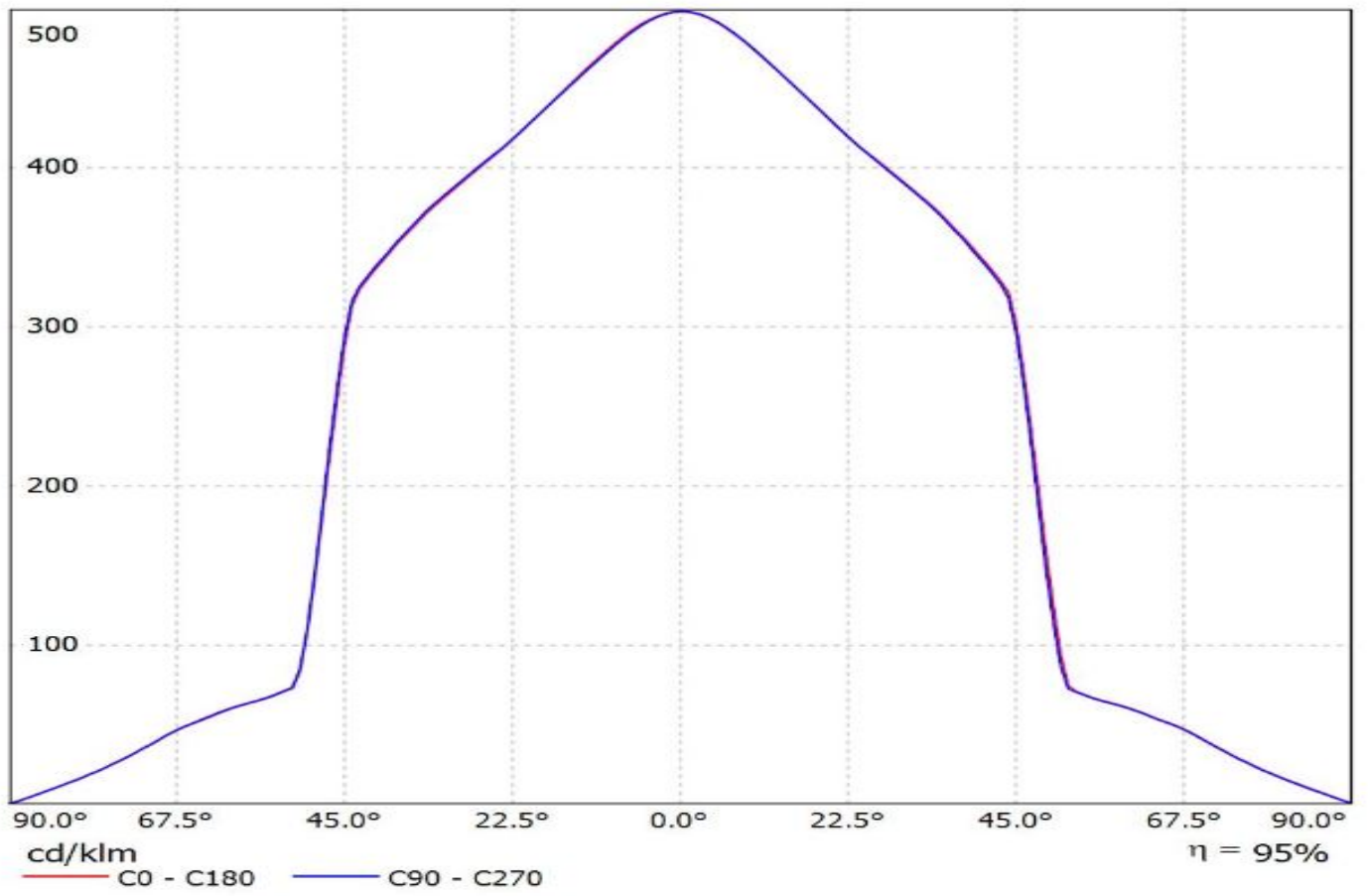


Luminaire: LEDiL Oy F13838_ANGELINA-XW_(SLM-G5_LES-13)_(Z50-Optic-Clip)
Lamps: 1 x Fortimo_SLM-G5_LES-13_1300.47lm@250mA_P=8.4010W_I=0.250A



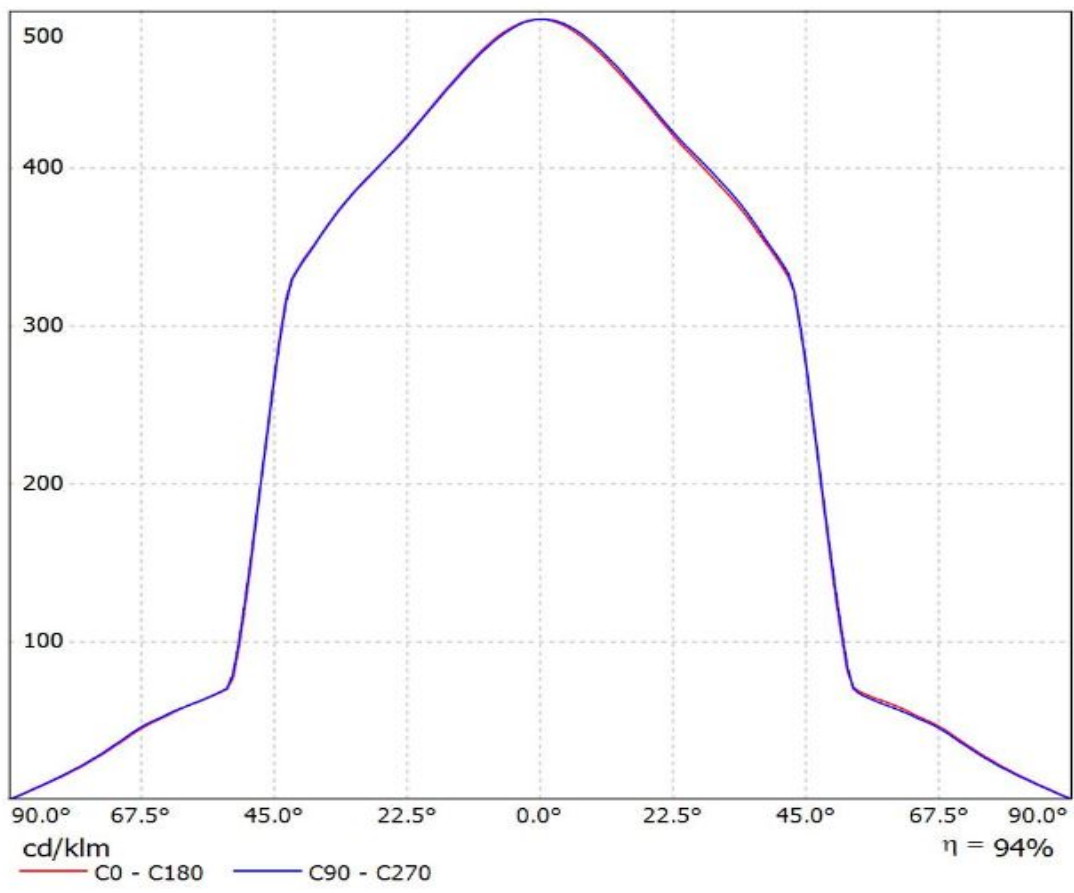
Luminaire: Ledil F13838_ANGELINA-XW_(LC040C+TE)

Lamps: 1 x Samsung_LC040C+_2213382-2+_2213194-1_1194.16lm@250mA_CCT=4000K_P=8.137W

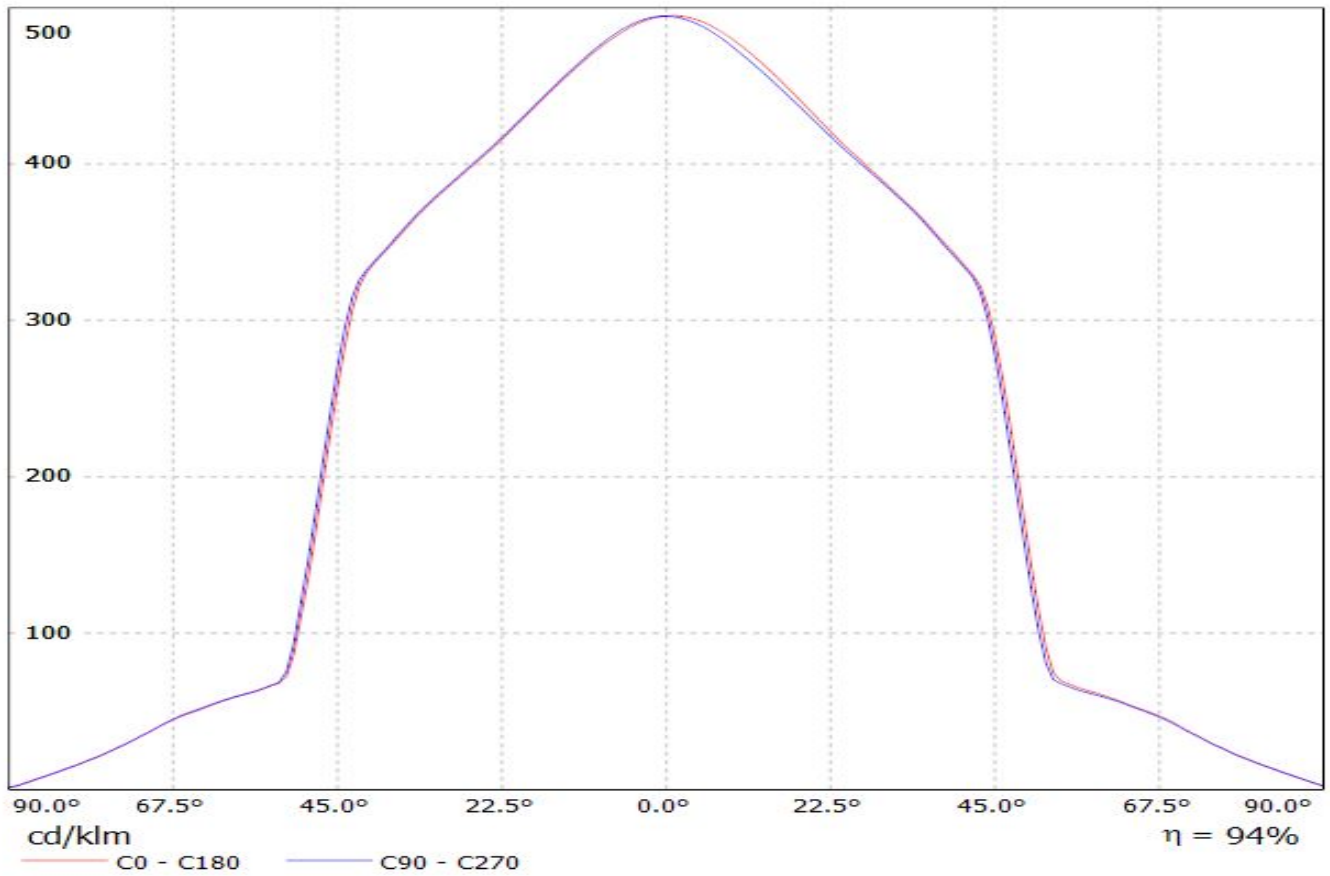


Luminaire: Ledil F13838_ANGELINA-XW_(MJT_30W_Les14,5)_TE

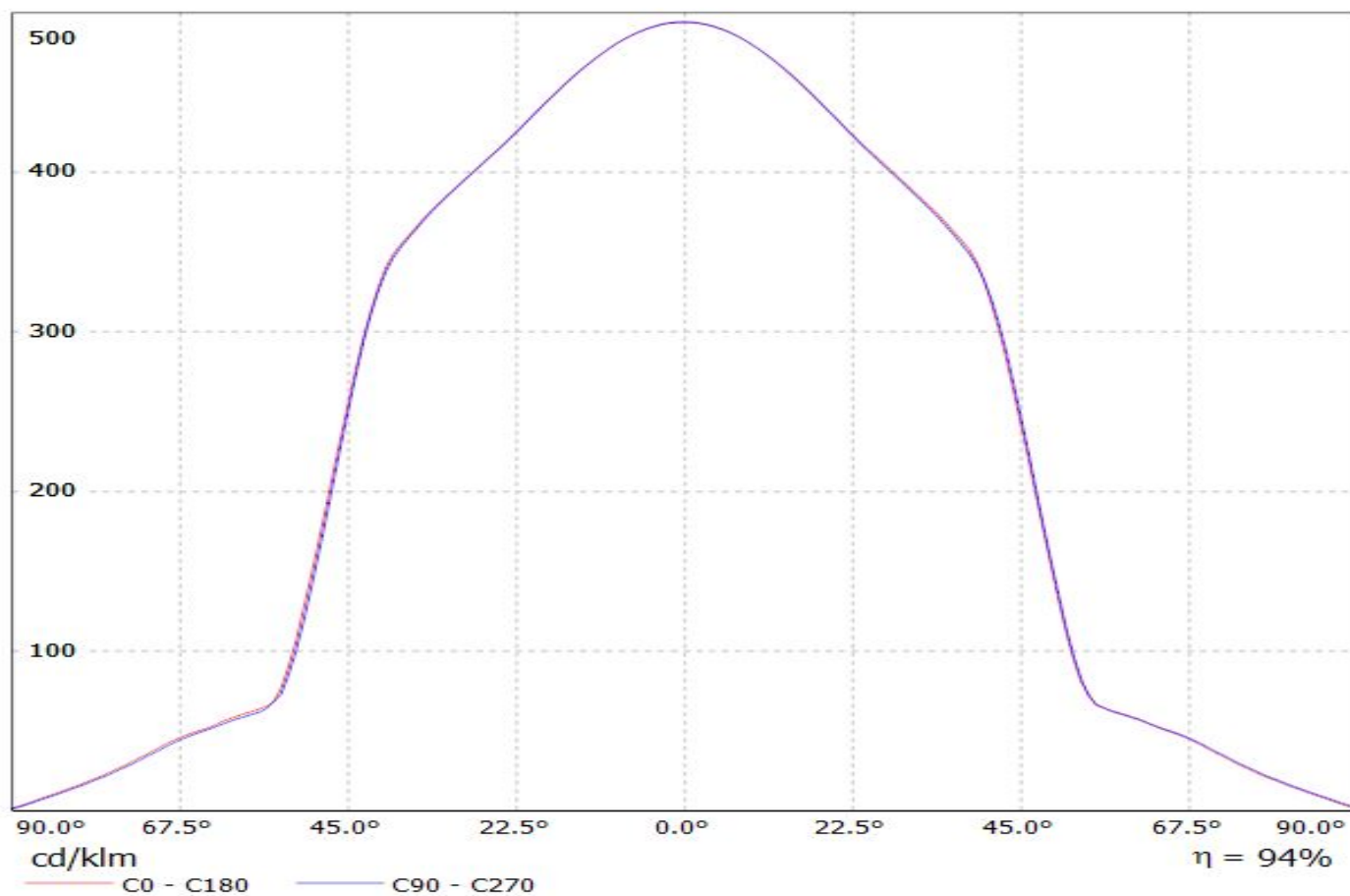
Lamps: 1 x Seoul_MJT_30W_Les14,5mm_(SAWx1566A)_+TE_2213254-2_+TE_2213194-1_1328.6lm@250mA_P=8.24025W_I=0.25A



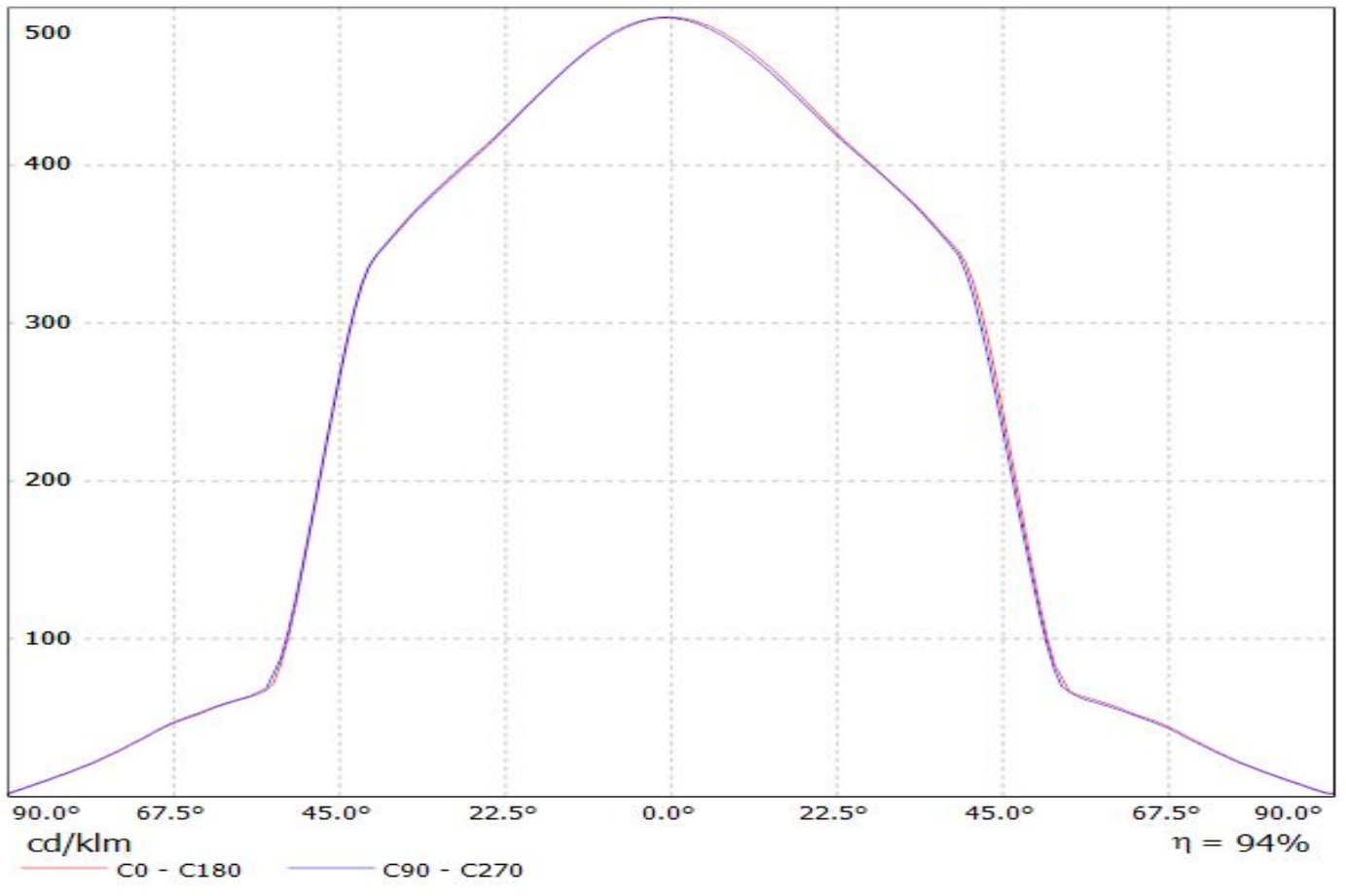
Luminaire: LEDiL Oy F13838_ANGELINA_XW_(MZ) Eff.94.0%
Lamps: 1 x Sharp_Mega_Zenigata_1226.07lm@250mA_P=11.1573W_I=249.8mA



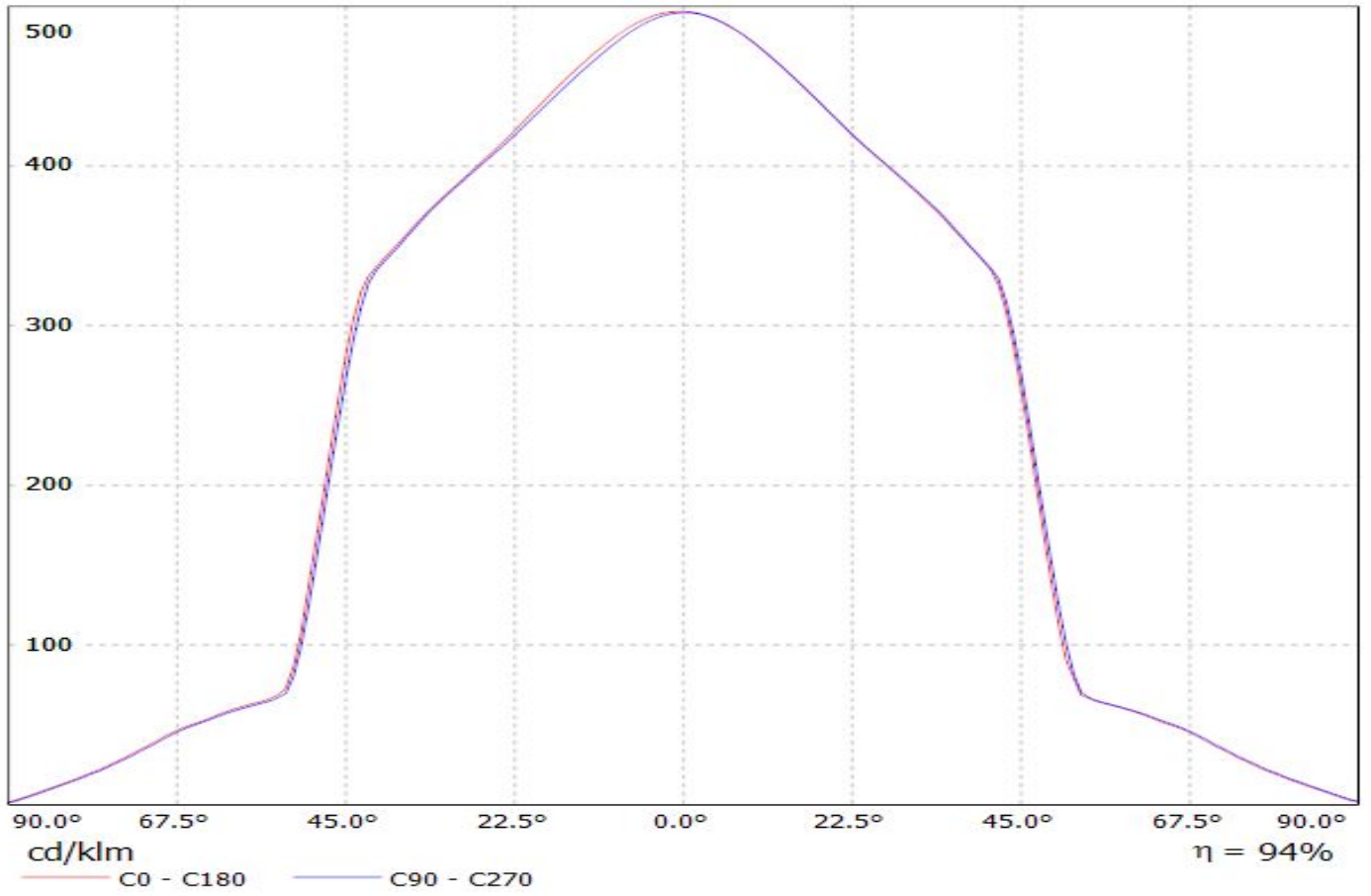
Luminaire: LEDiL Oy F13838_ANGELINA-XW_(LES26) Eff.94.4%
Lamps: 1 x Tridonic_STARK_SLE_G2_LES26_1048.24lm@250mA_P=8.04403W_I=249.9mA



Luminaire: LEDiL Oy F13838_ANGELINA-XW_(LES23) Eff.94.1%
Lamps: 1 x Tridonic_STARK_SLE_G2_LES23_955.501lm@250mA_P=8.34207W_I=249.8mA

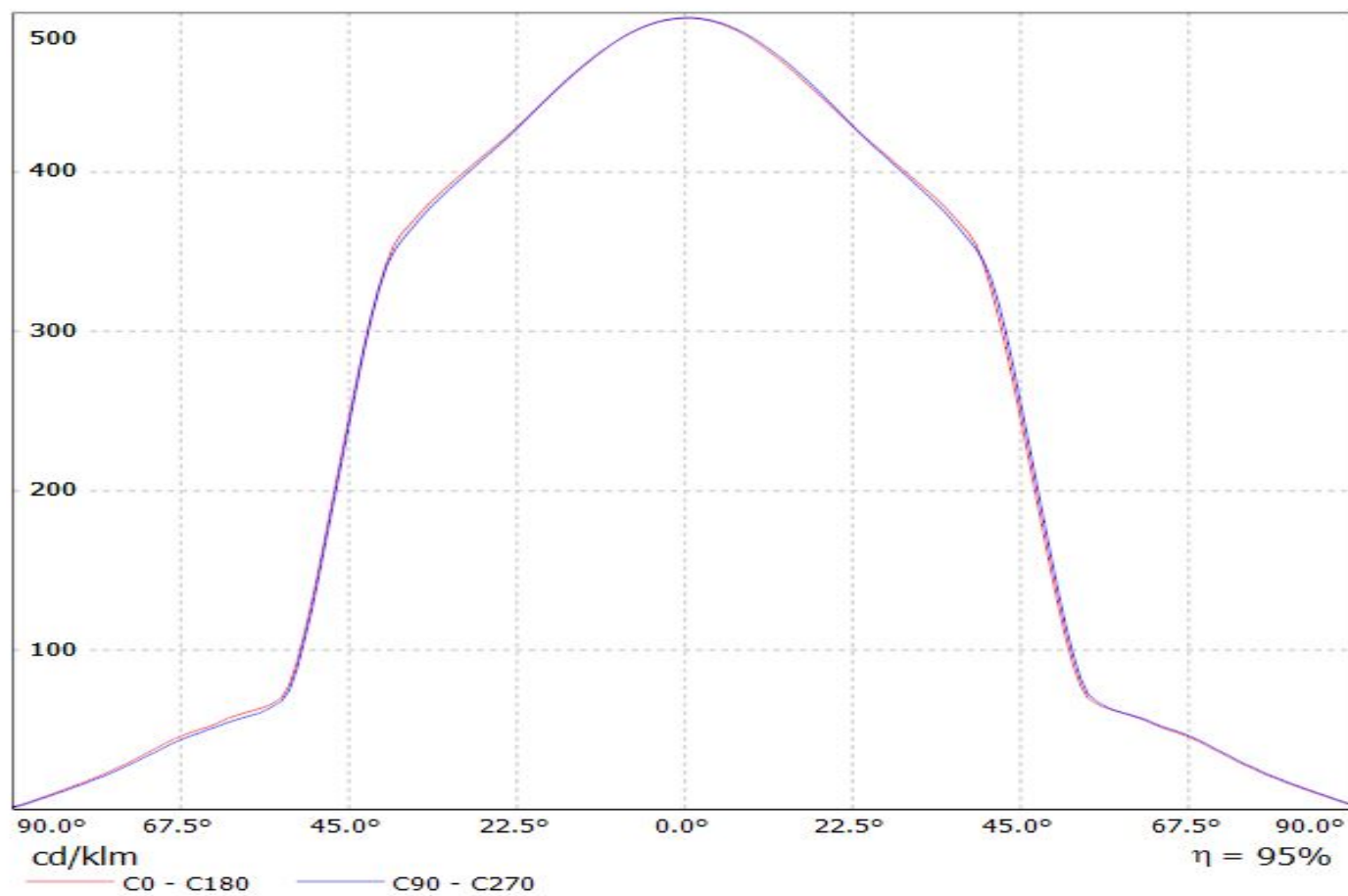


Luminaire: LEDiL Oy F13838_ANGELINA-XW_(LES19) Eff.94.4%
Lamps: 1 x Tridonic_STARK_SLE_G2_LES19_946.117lm@250mA_P=8.43263W_I=249.9mA

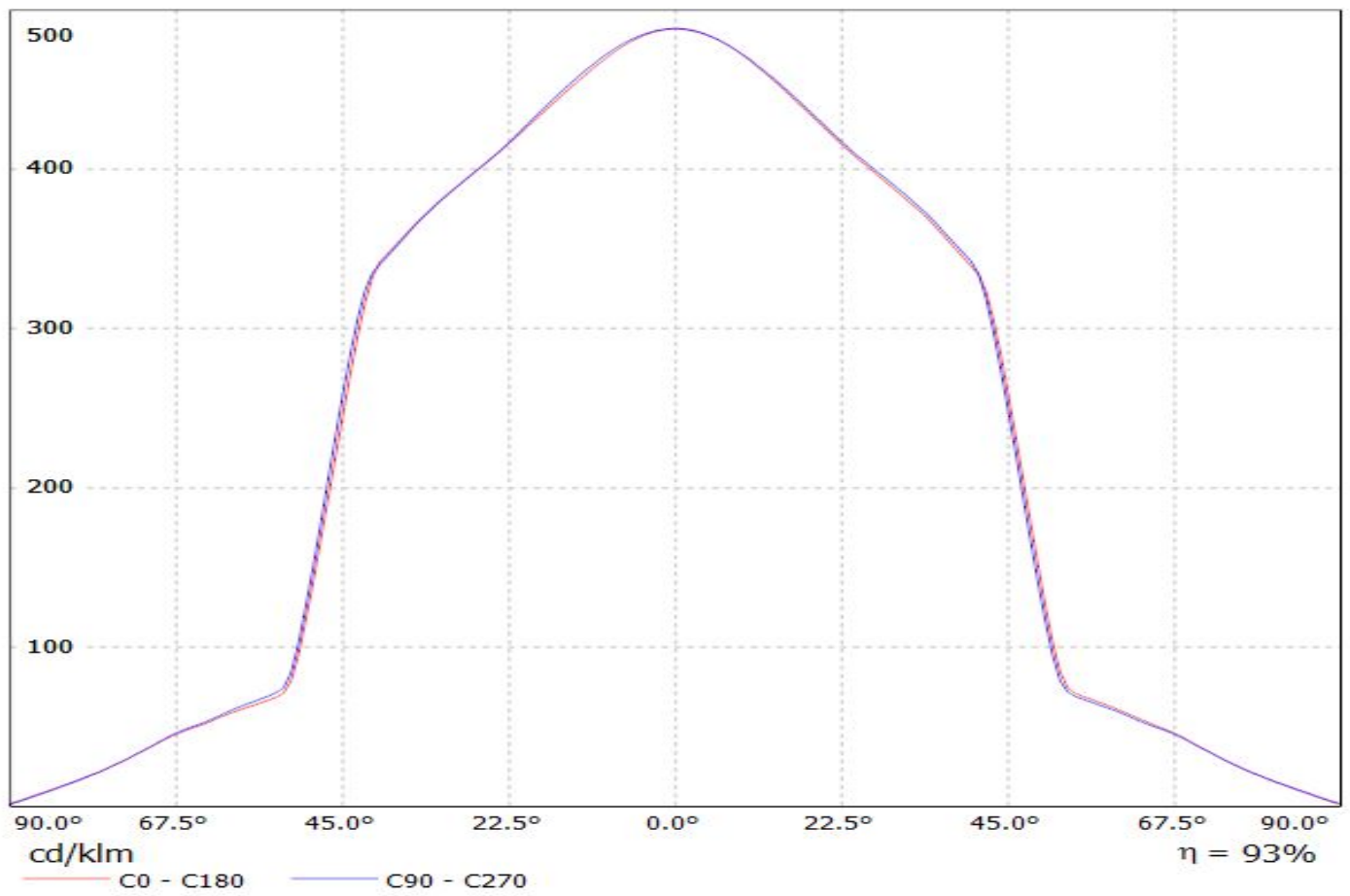


Luminaire: LEDiL Oy F13838_ANGELINA-XW_(SLE_G4_LES23)

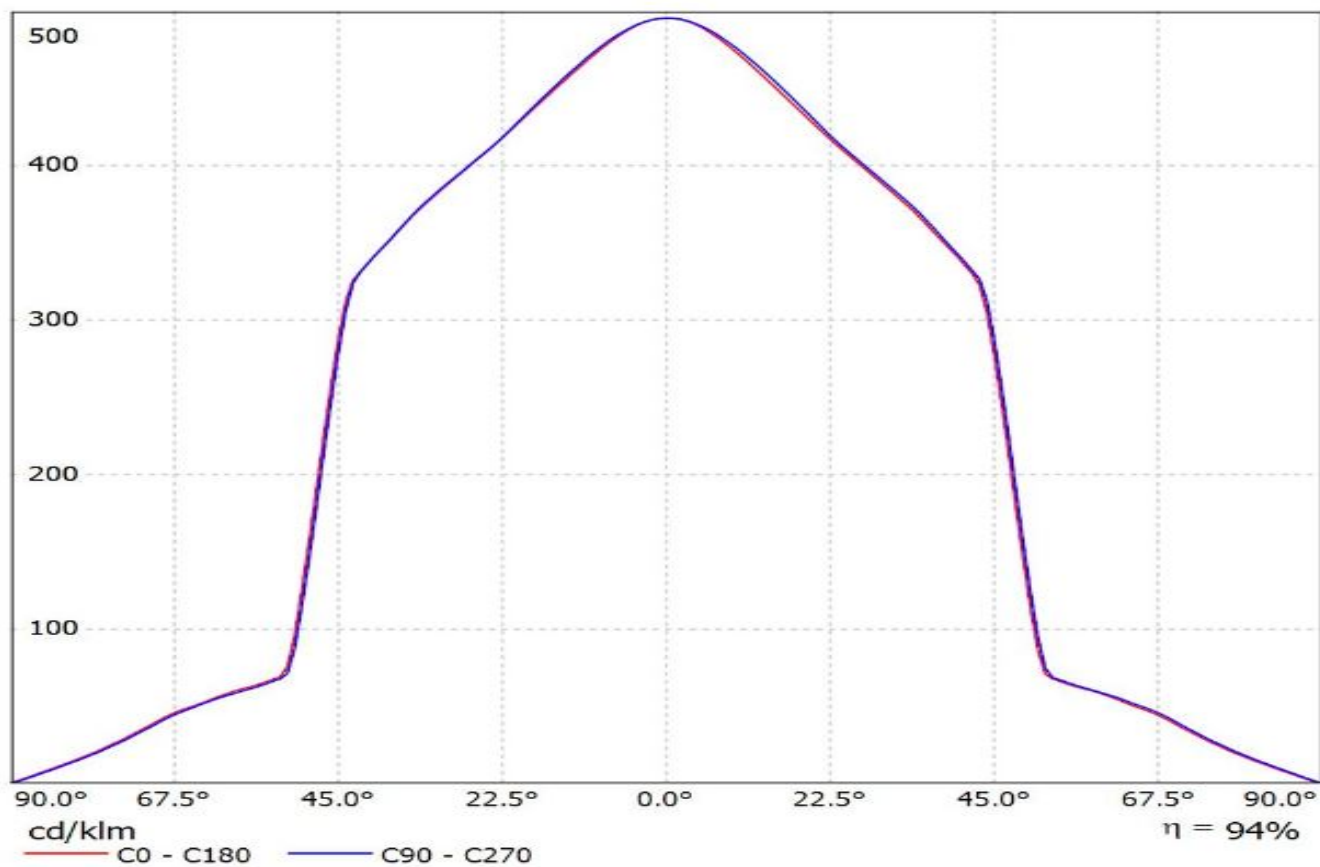
Lamps: 1 x Tridonic_SLE_G4_LES23_1354.57lm@250mA_P=8.18744W_I=0.2498A



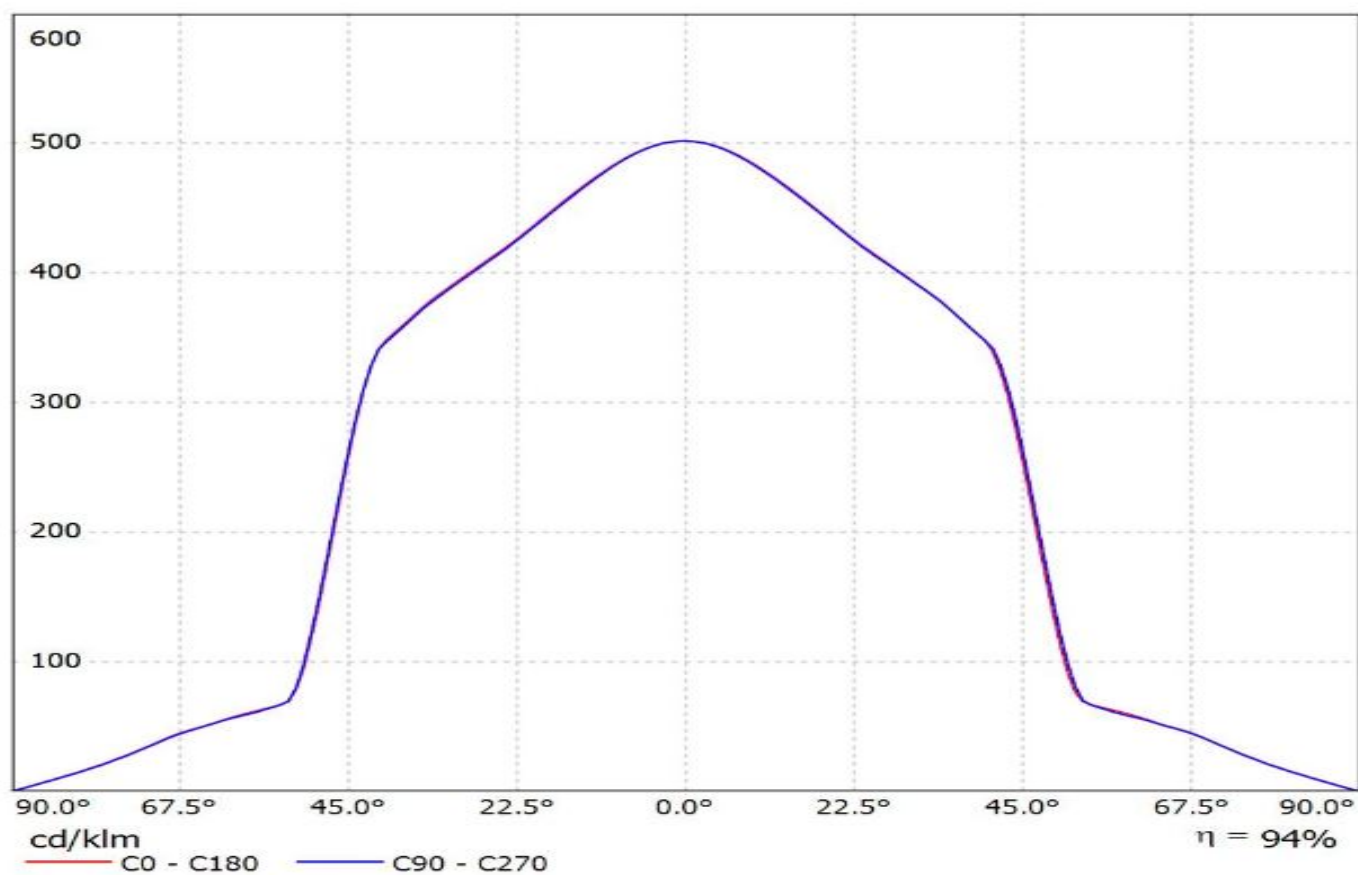
Luminaire: LEDiL Oy F13838_ANGELINA-XW_(SLE GEN4 LES19)
Lamps: 1 x SLE GEN4 LES19_1226.28lm@250mA_P=8.21367W_I=0.2498A



Luminaire: LEDiL Oy F13838_ANGELINA-XW_(SLE-G5_LES-15)
Lamps: 1 x Tridonic_SLE-G5_LES-15_1247.09lm@250mA_P=8.6730W_I=0.250A

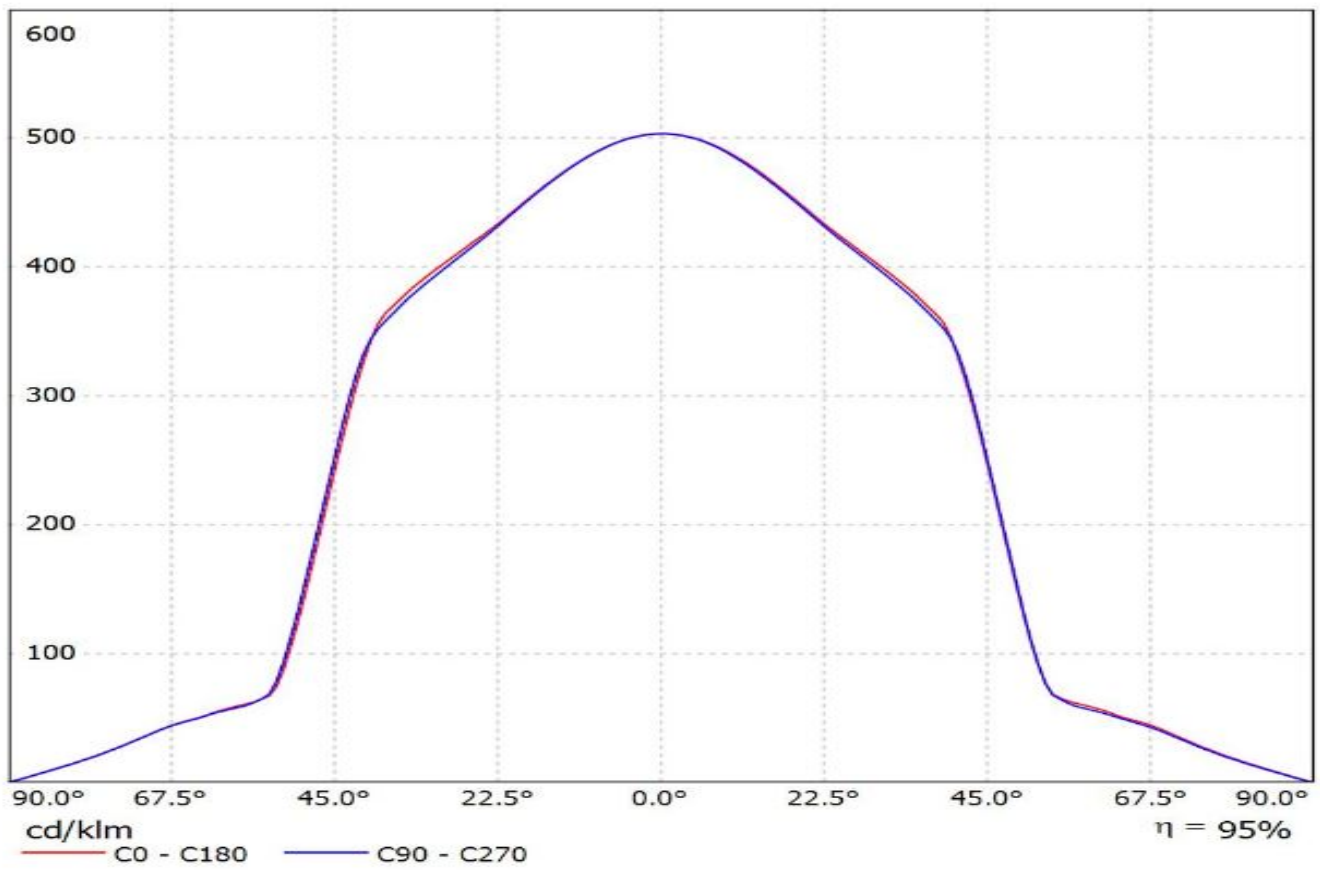


Luminaire: LEDiL Oy F13838_ANGELINA-XW_(SLE-G5_LES-19)
Lamps: 1 x Tridonic_SLE-G5_LES-19_1287.79lm@250mA_P=8.2274W_I=0.250A

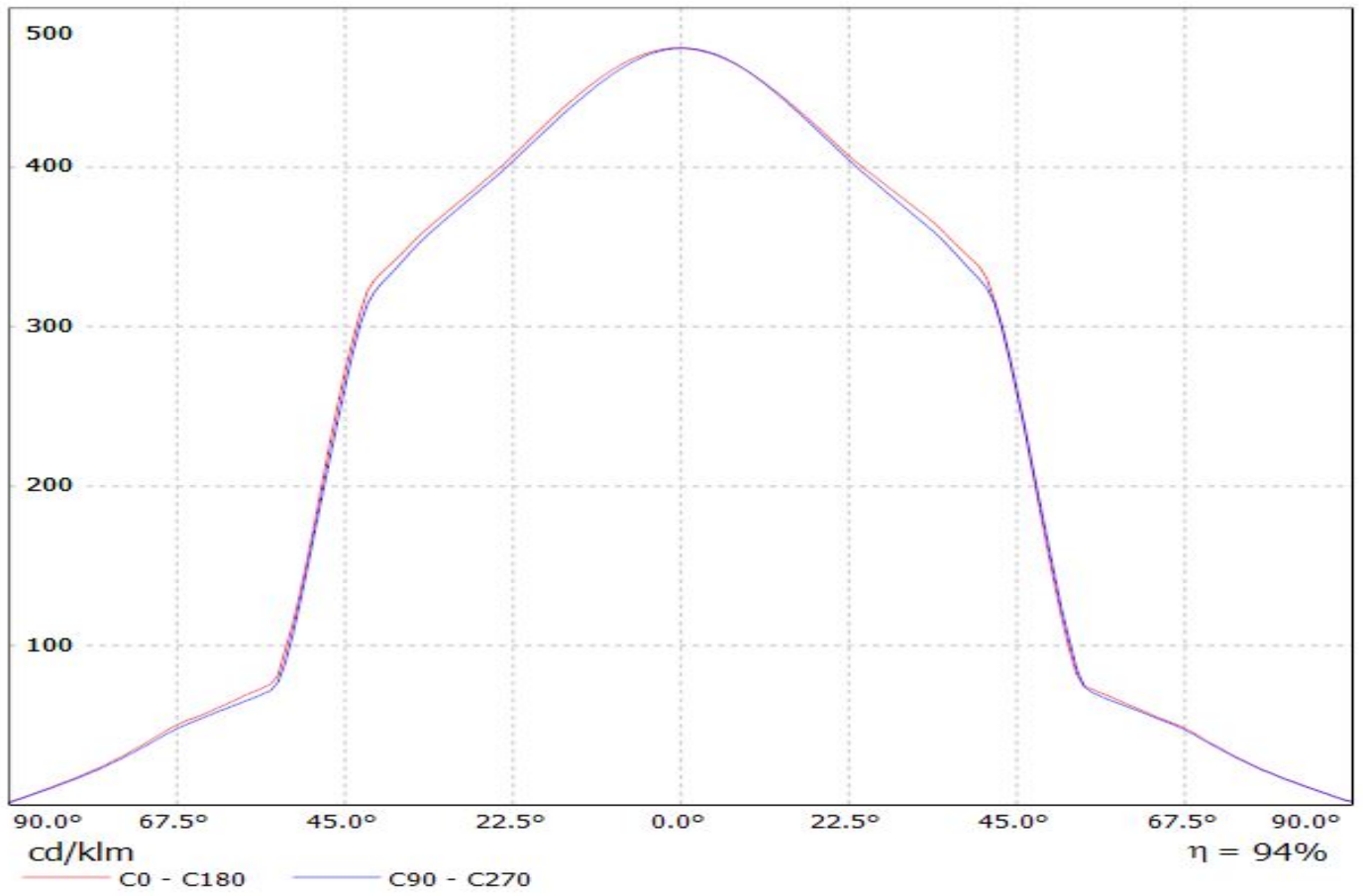


Luminaire: LEDiL Oy F13838_ANGELINA-XW_(SLE-G5_LES-23)

Lamps: 1 x Tridonic_SLE-G5_LES-23_1303.96lm@250mA_P=8.1062W_I=0.250A

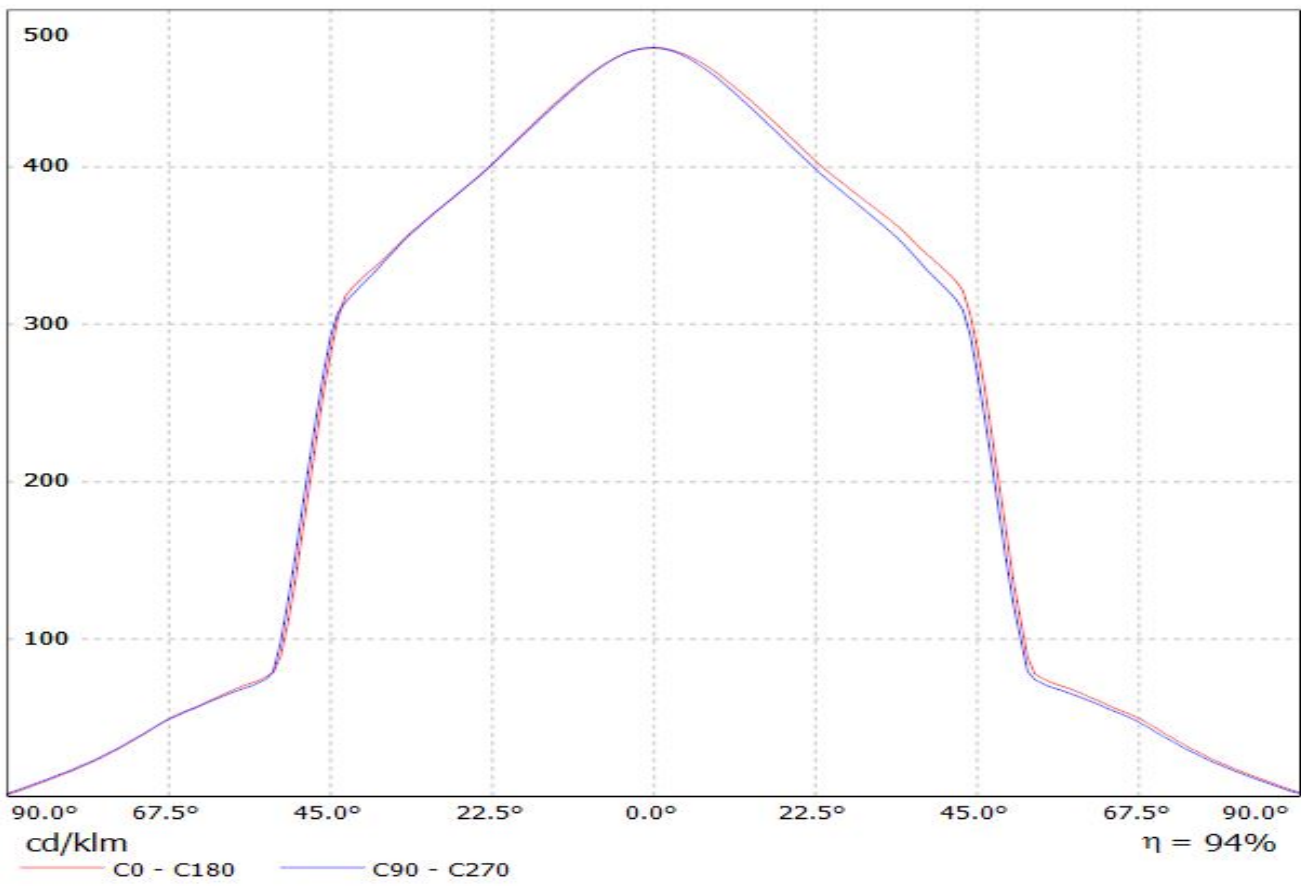


Luminaire: LEDiL Oy F13838_ANGELINA-XW_(WU-M-464) Eff.94.1%
Lamps: 1 x VOSSLOH_WU-M-464-827_1452.09lm@250mA_P=11.7139W_I=249.8mA



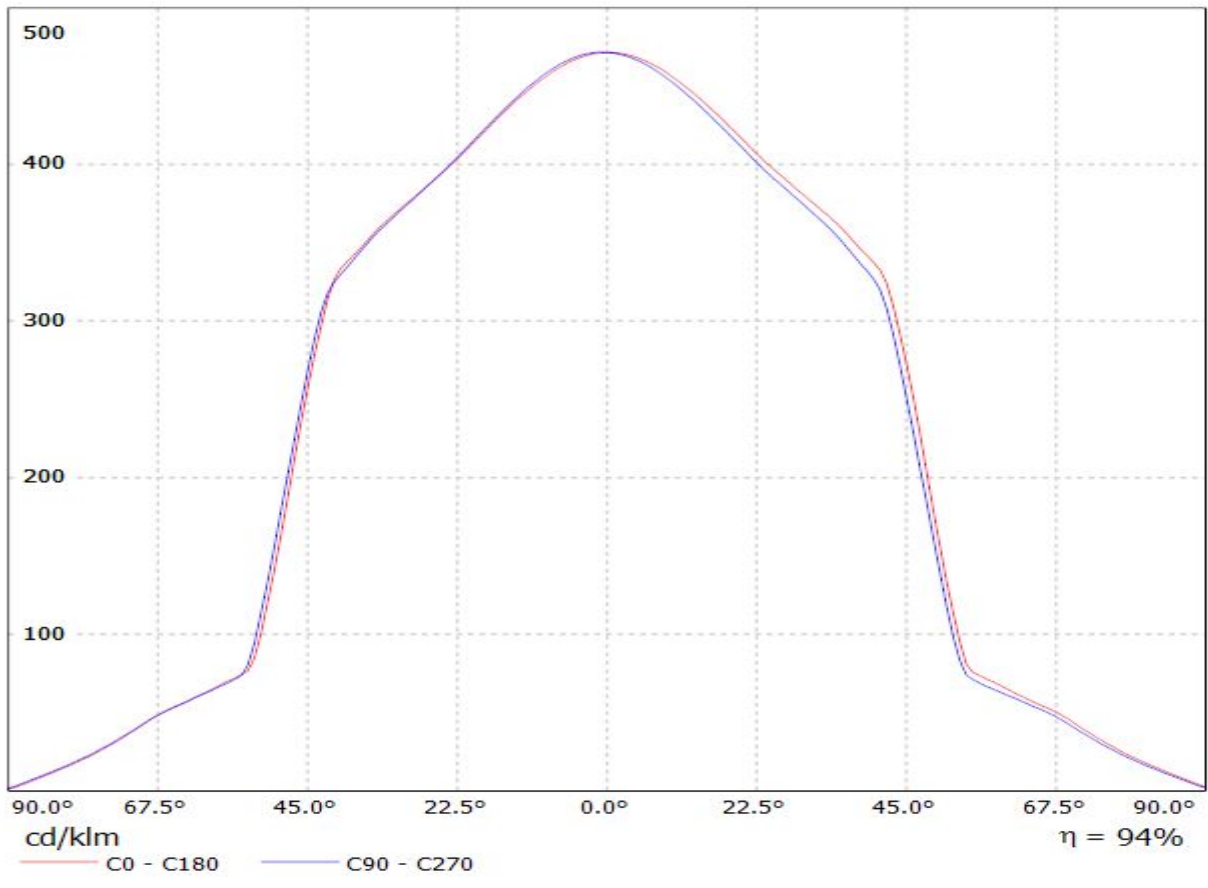
Luminaire: LEDiL Oy F13838_ANGELINA-XW_(WU-M-484)

Lamps: 1 x Vossloh_Schwabe-WU-M-484_(WU-M-484-830)_657.125lm@250mA_P=5.59976W_I=249.9mA

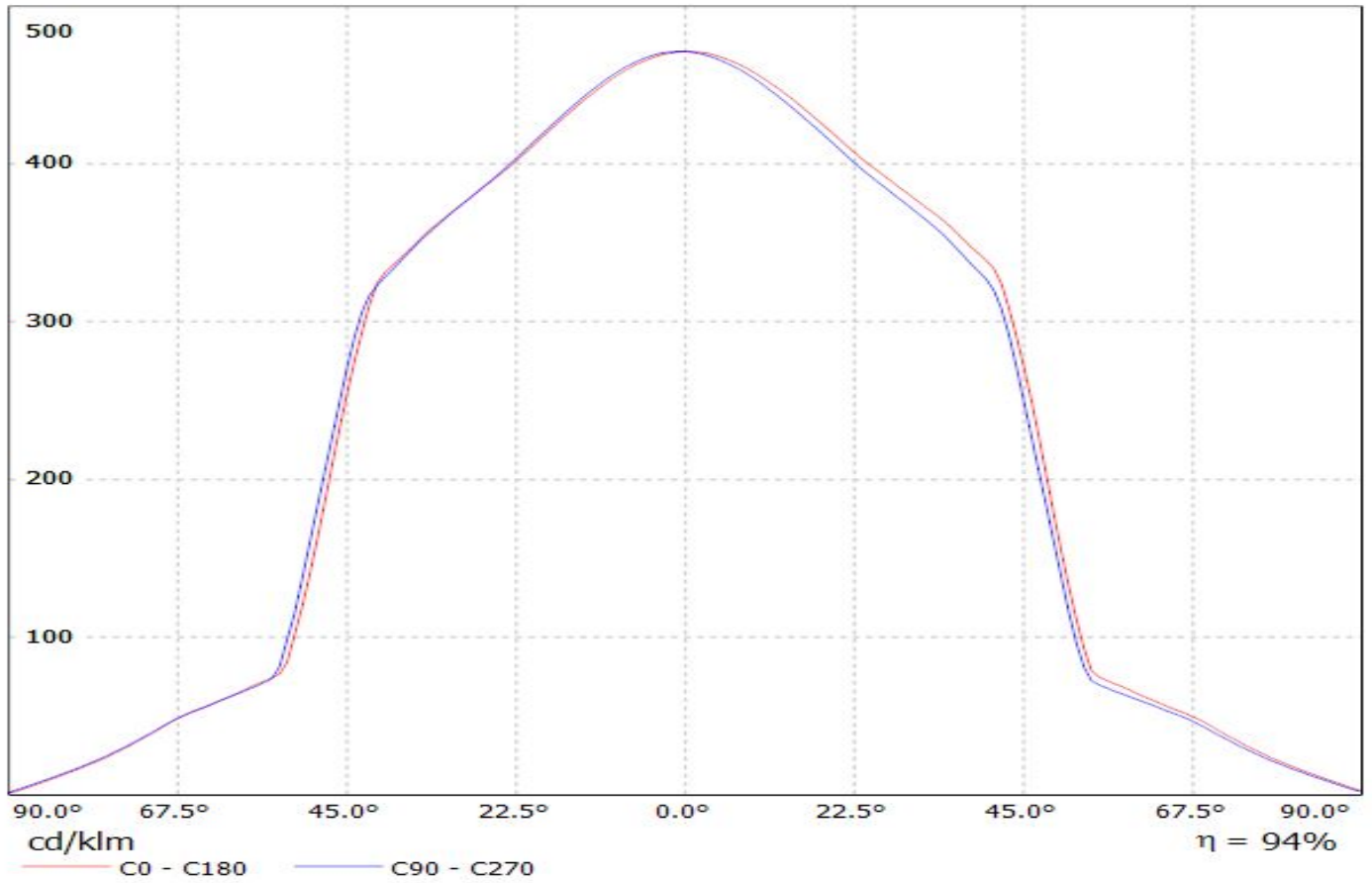


Luminaire: LEDiL Oy F13838_ANGELINA-XW_(WU-M-485)

Lamps: 1 x Vossloh_Schwabe-WU-M-485_(WU-M-485-830)_1209.62lm@250mA_P=8.43849W_I=249.8mA

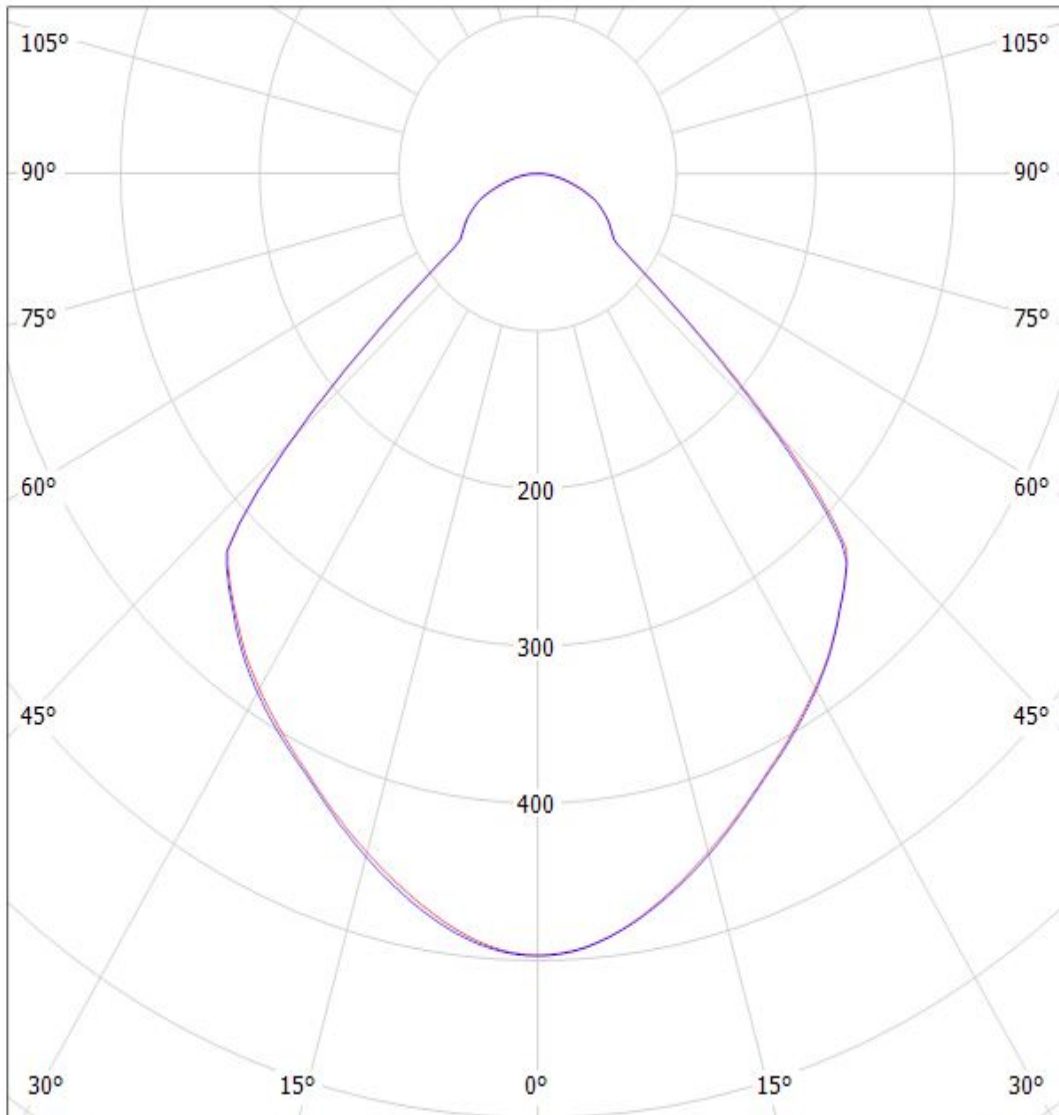


Luminaire: LEDiL Oy F13838_ANGELINA-XW_(WU-M-486) Eff.93.5%
Lamps: 1 x Vossloh_Schwabe-WU-M-486_(WU-M-486-830)
_1474.55lm@250mA_P=10.4456W_I=249.8mA



Luminaire: LEDiL Oy F13838_ANGELINA-XW_(V13_Gen7)+TE

Lamps: 1 x Bridgelux_V13_Gen7_(BXRE-30E2000-B_+TE_2213254-2+TE_2213194-1)_1295.55lm@250mA_P=8.30985W_I=0.25A

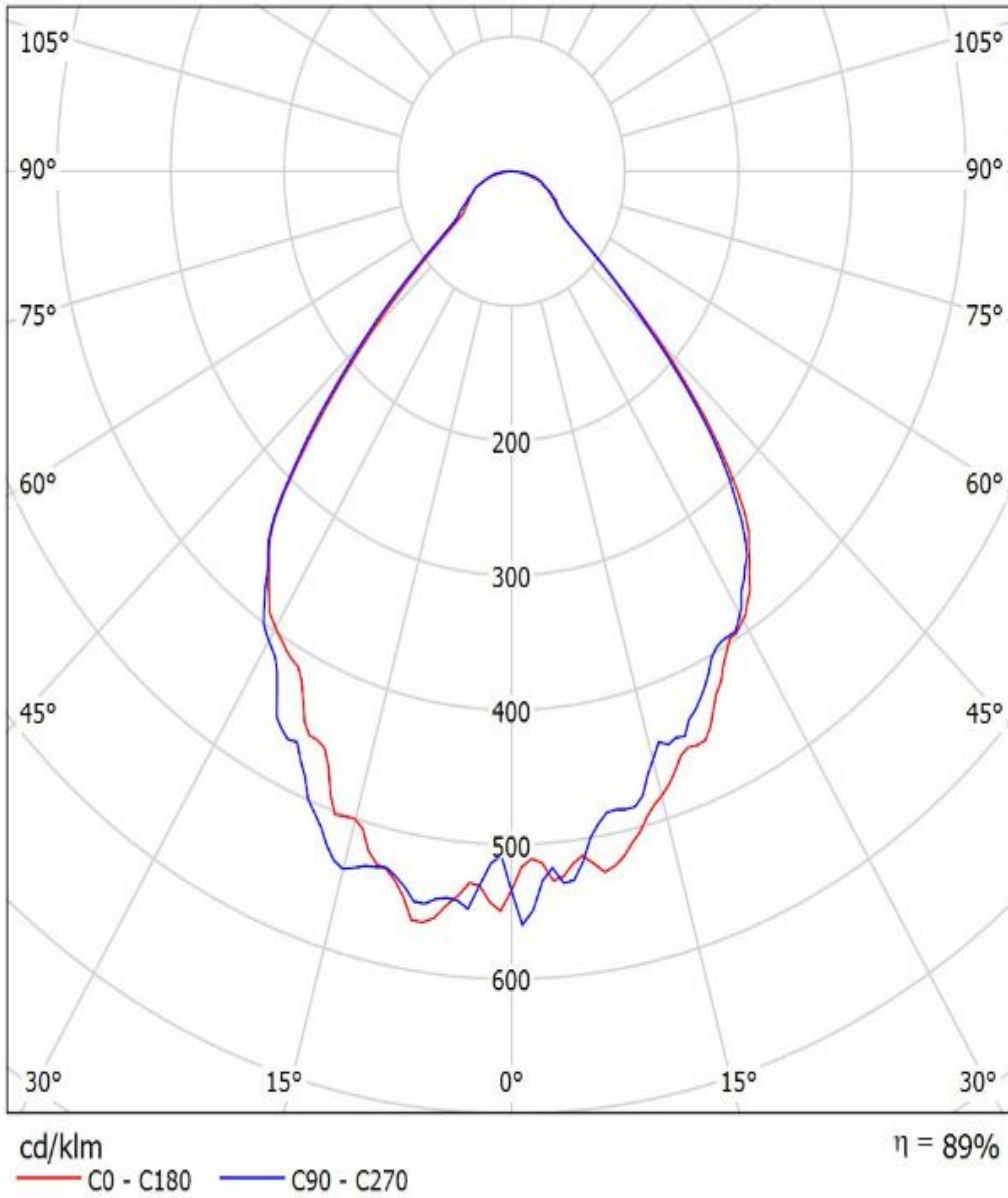


cd/klm

— C0 - C180 — C90 - C270

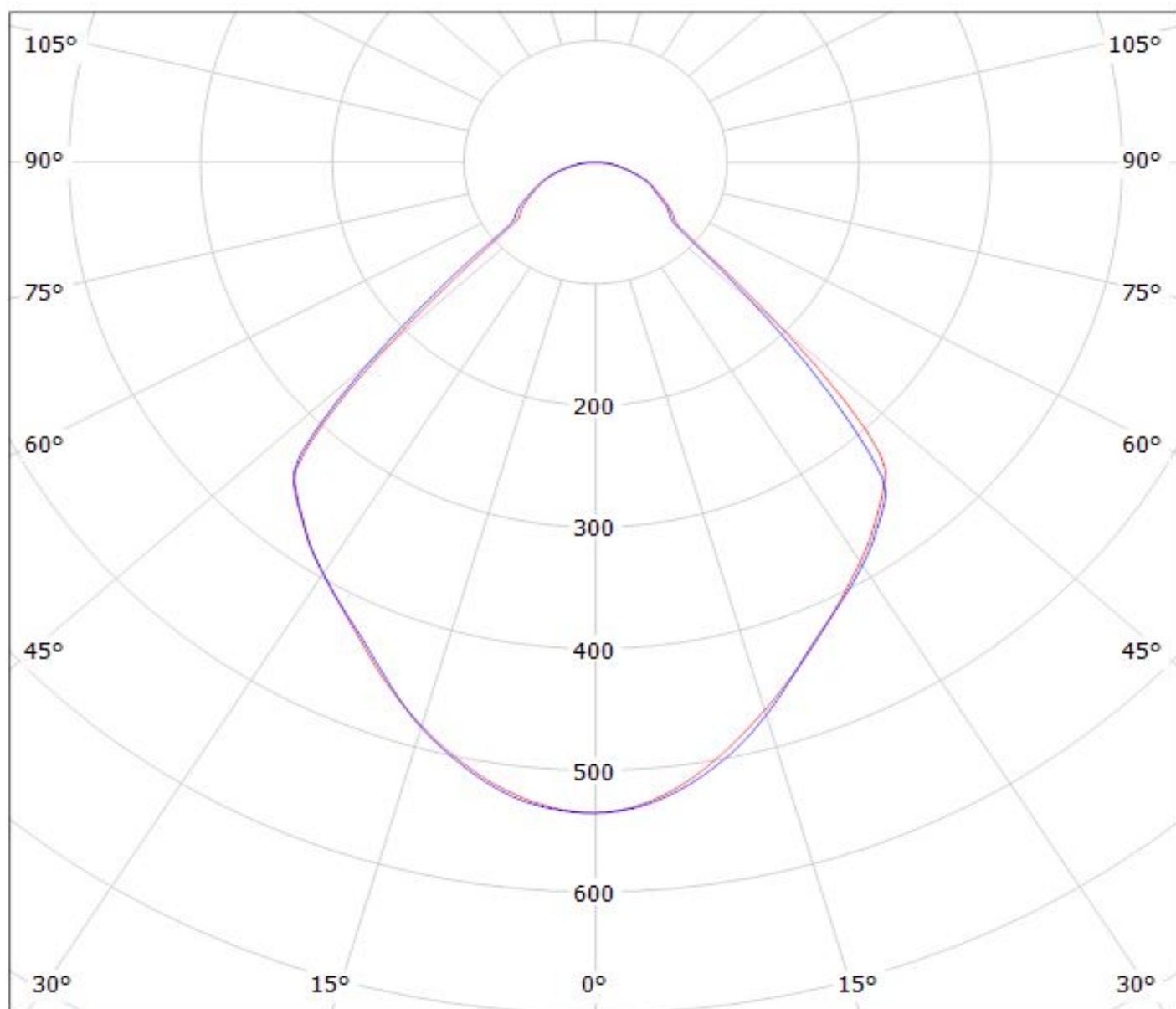
$\eta = 94\%$

Luminaire: Ledil Oy F13838_ANGELINA-XW_Bridgelux_V22_Gen7_SIMULATED F13838_ANGELINA-XW_Bridgelux_V22_Gen7_SIMULATED
Lamps: 1 x F13838_ANGELINA-XW_Bridgelux_V22_Gen7_SIMULATED



Luminaire: LEDiL Oy F13838_ANGELINA-XW_(CLL030)

Lamps: 1 x Citizen_CLL030_(CLL030-1206A1-303M1A2)_971.531lm@250mA_P=8.42026W_I=249.8mA



cd/klm

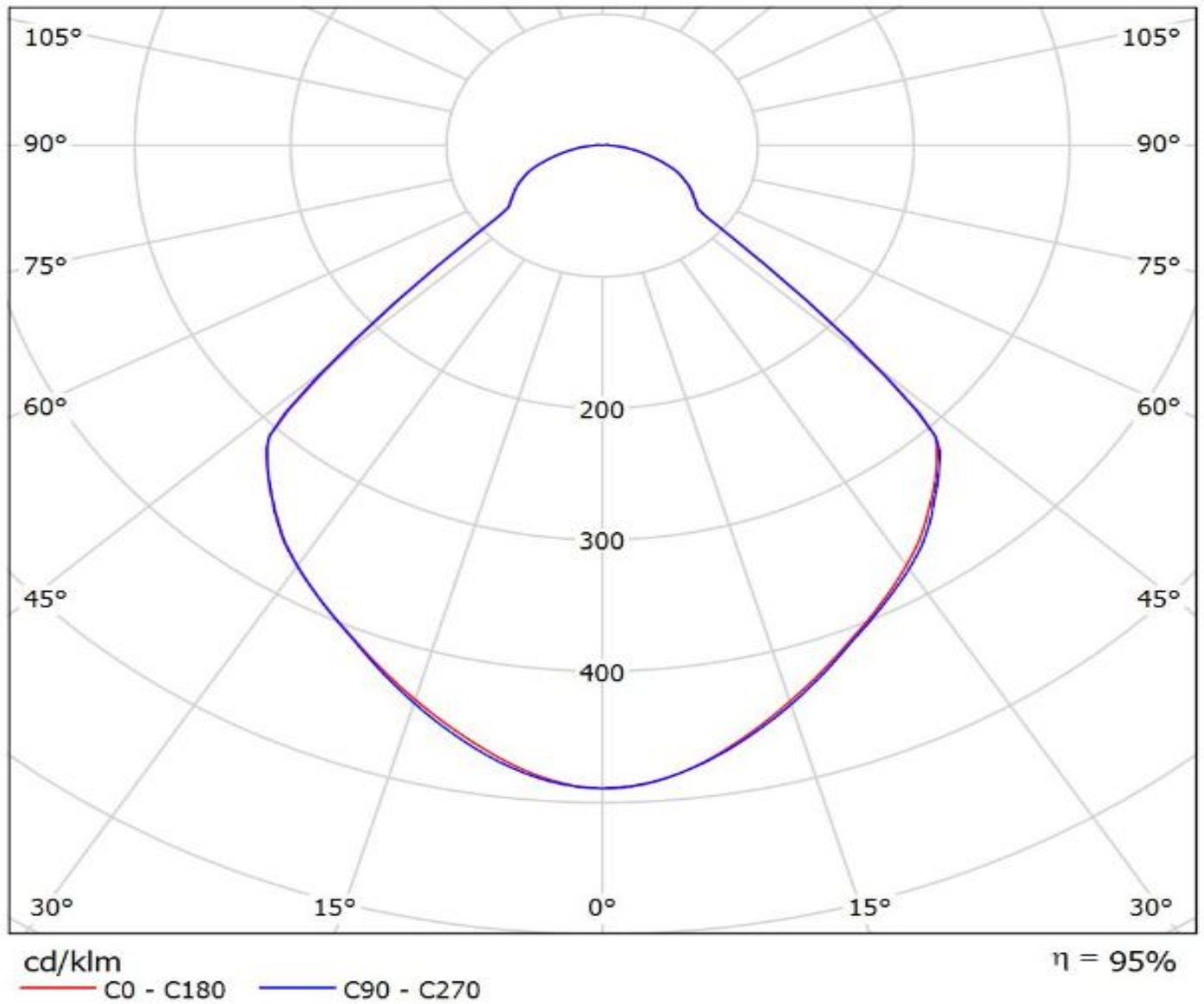
— C0 - C180

— C90 - C270

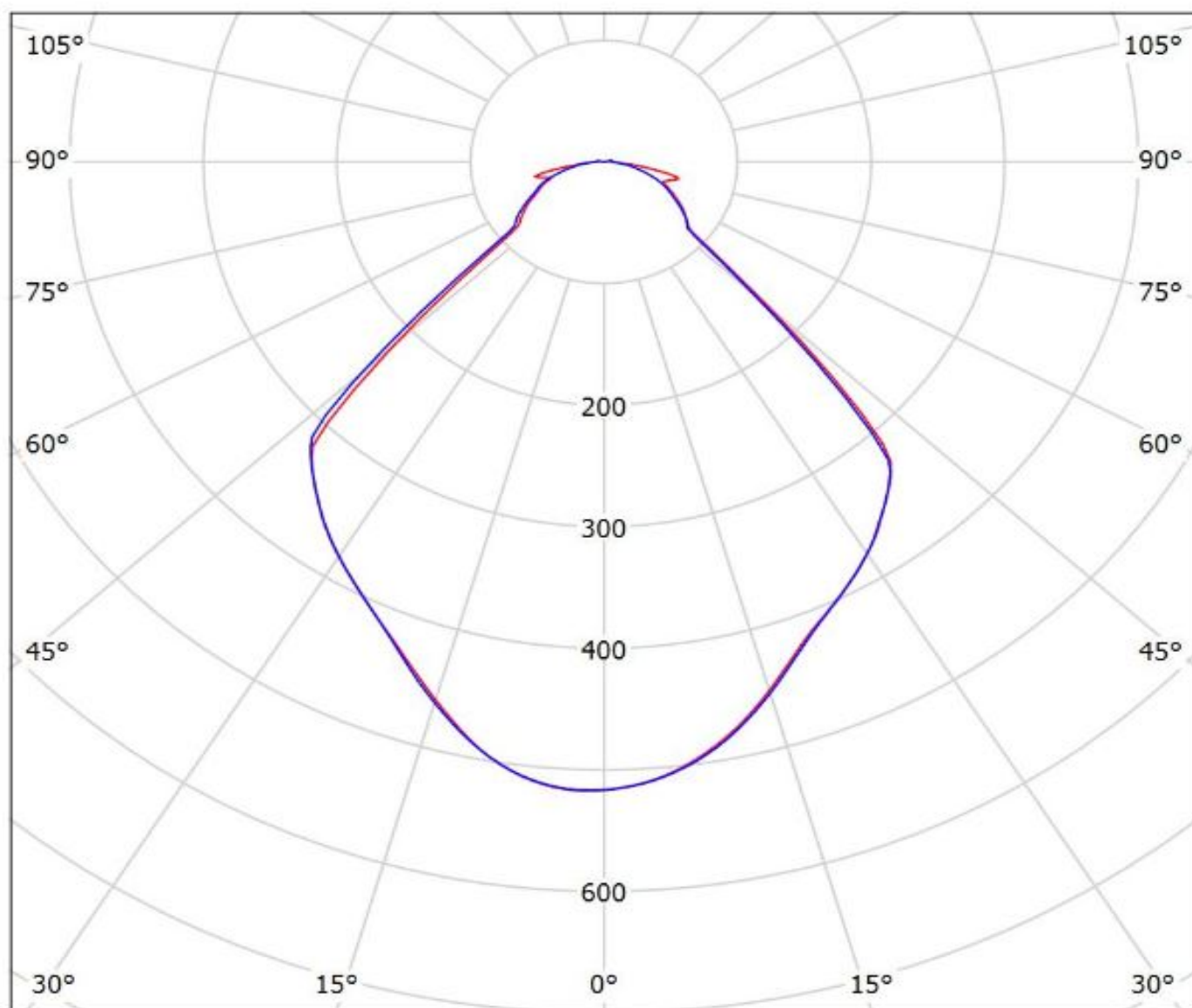
$\eta = 94\%$

Ledil F13838_ANGELINA-XW_(CLU720) / LDC (Polar)

Luminaire: Ledil F13838_ANGELINA-XW_(CLU720)
Lamps: 1 x CITIZEN_CLU720_(CLU720-1206B8-273M2)
_1340.38lm@250mA_CCT=2700K_P=8.35W_I=0.25A



Luminaire: Ledil F13838_ANGELINA-XW_(CLU720)
Lamps: 1 x CITIZEN_CLU720_(CLU720-1206B8-273M2)
_1337.27lm@250mA_CCT=2700K_P=8.35W_I=0.25A



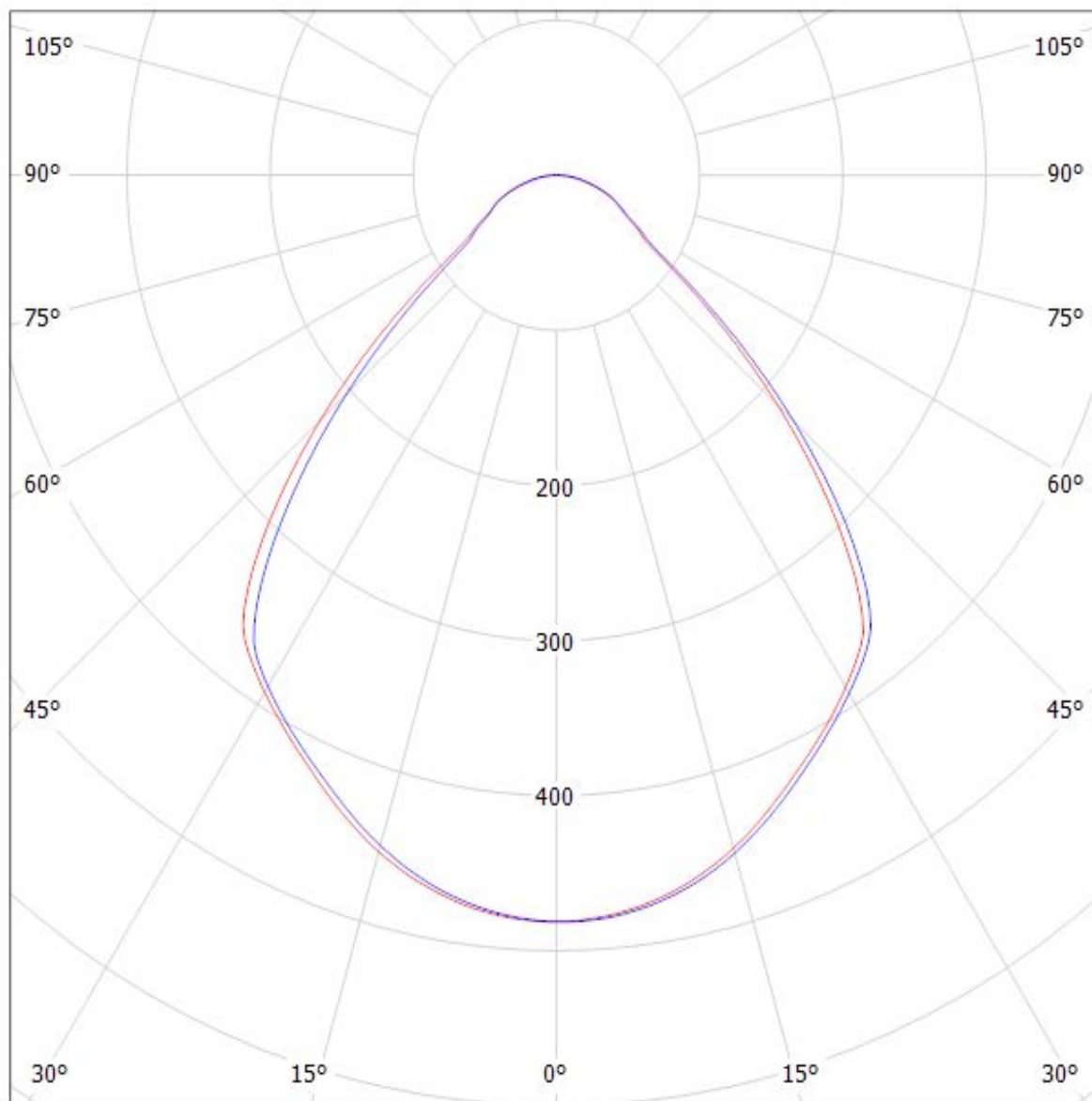
cd/klm

— C0 - C180 — C90 - C270

$\eta = 95\%$

Luminaire: LEDiL Oy F13838_ANGELINA-XW_(CXA3590)

Lamps: 1 x CREE_CXA3590_(CXA3590-30F-BD-R0H-0002)_2640.14lm@250mA_CCT=3000K_P=16.3941W_I=249.8mA



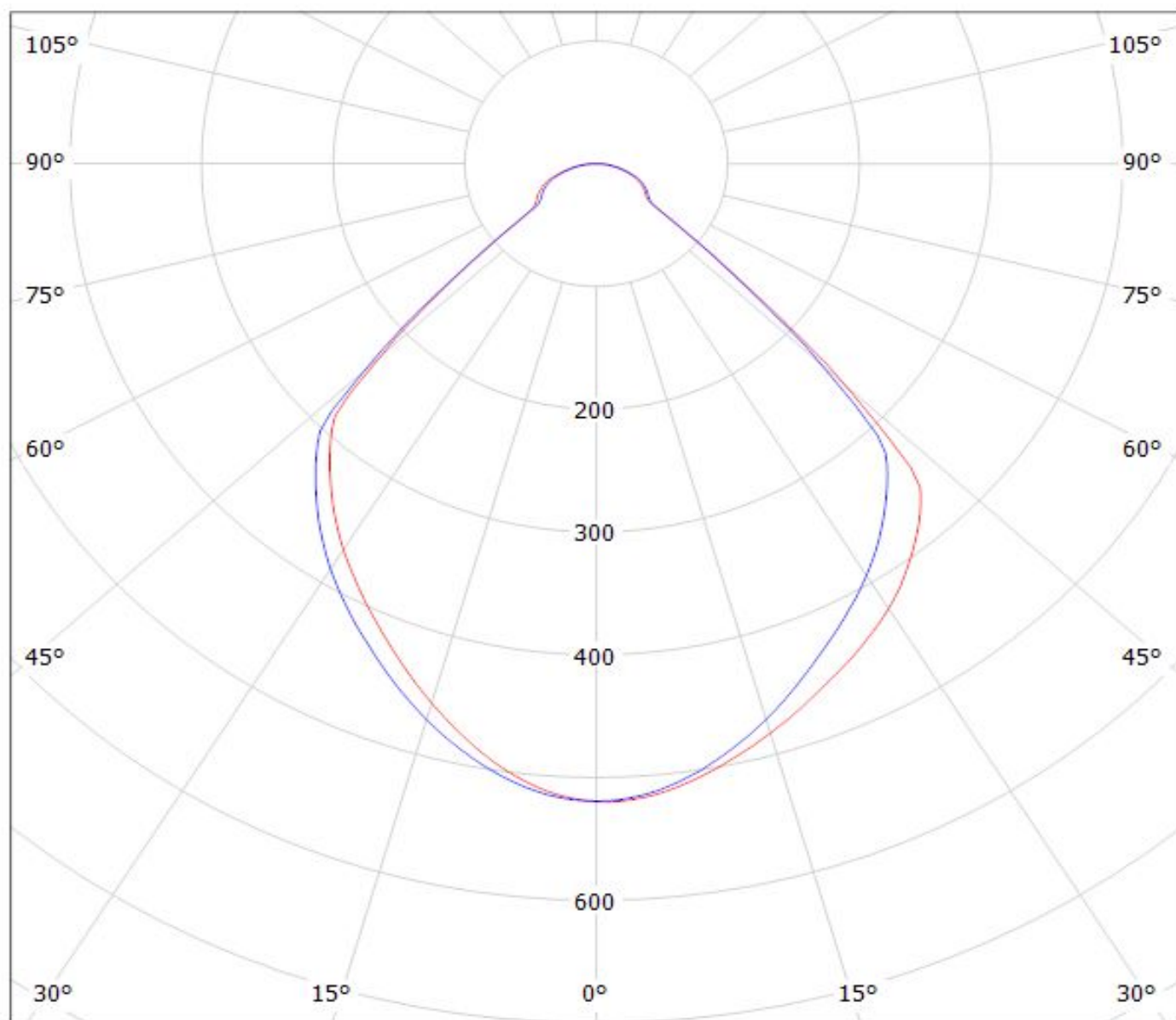
cd/klm

— C0 - C180 — C90 - C270

$\eta = 95\%$

Luminaire: LEDiL Oy F13838_ANGELINA-XW_(K12) Eff.94.0%

Lamps: 1 x Luxeon_K12_937.4lm@250mA_CCT=4000K_P=8.19472_I=249.9mA



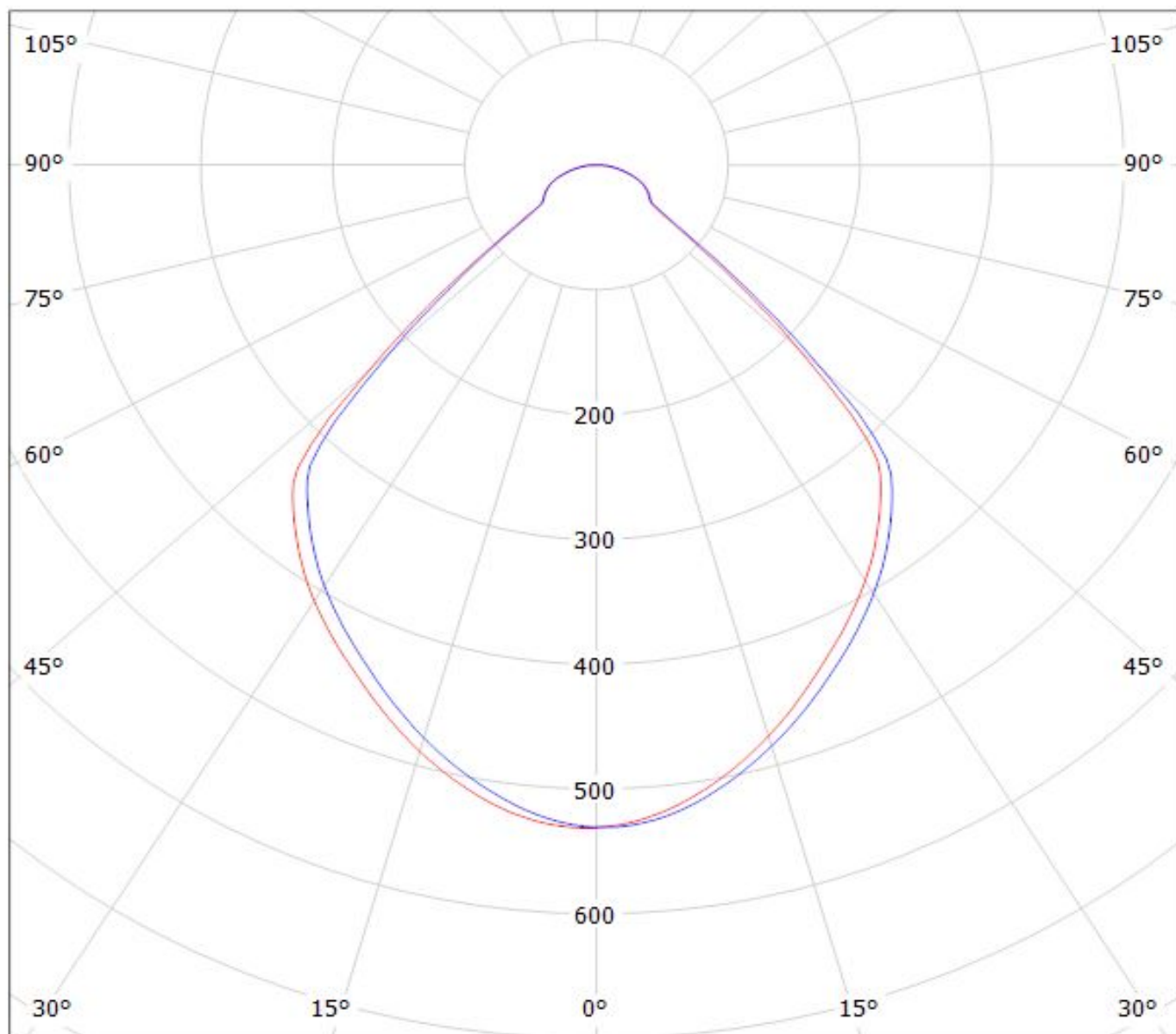
cd/klm

— C0 - C180

— C90 - C270

$\eta = 94\%$

Luminaire: LEDiL Oy F13838_ANGELINA-XW_(K16) Eff.94.0%
Lamps: 1 x Luxeon_K16_1246lm@250mA_P=10.8991W_U=249.9mA



cd/klm

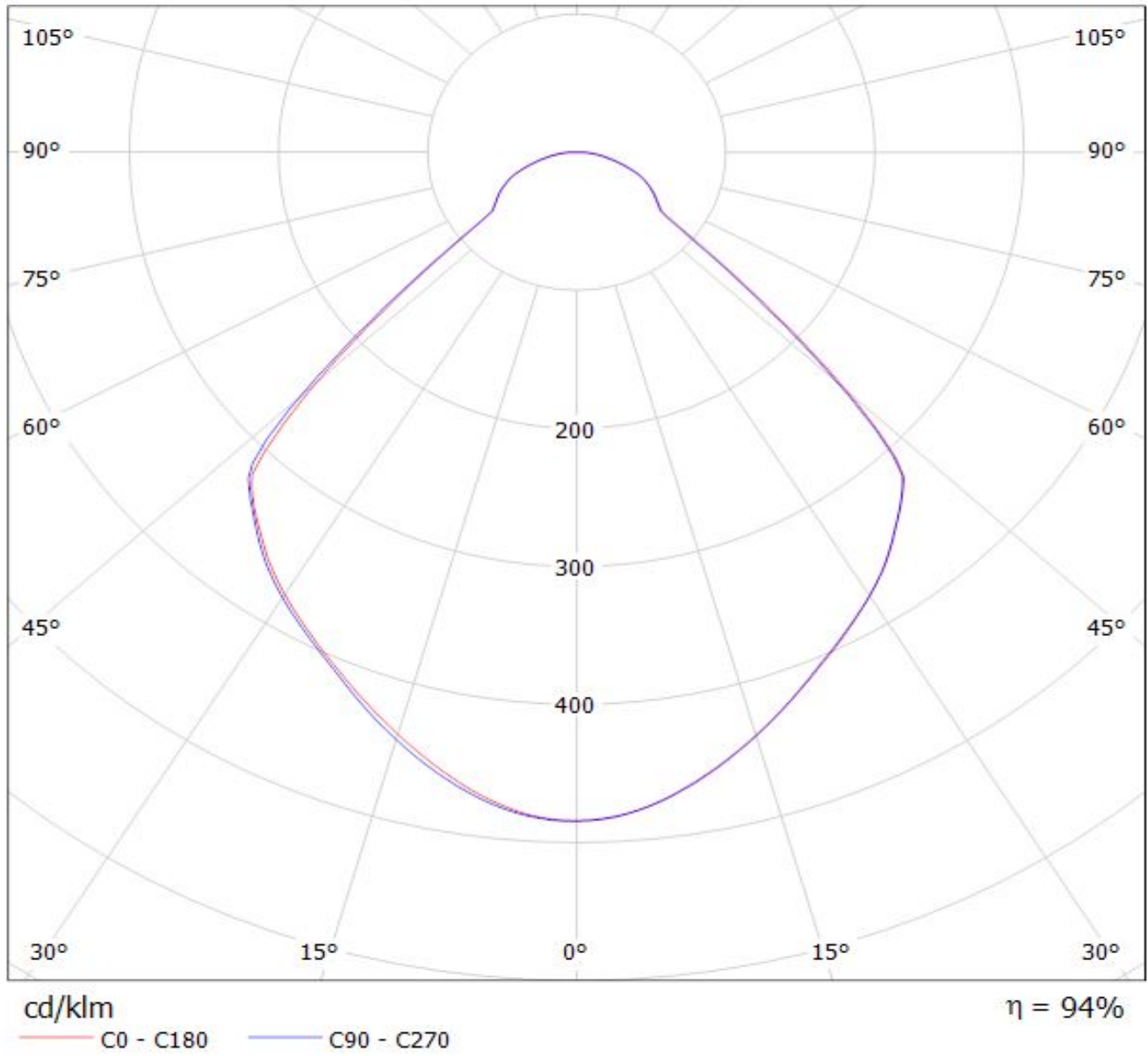
— C0 - C180

— C90 - C270

$\eta = 94\%$

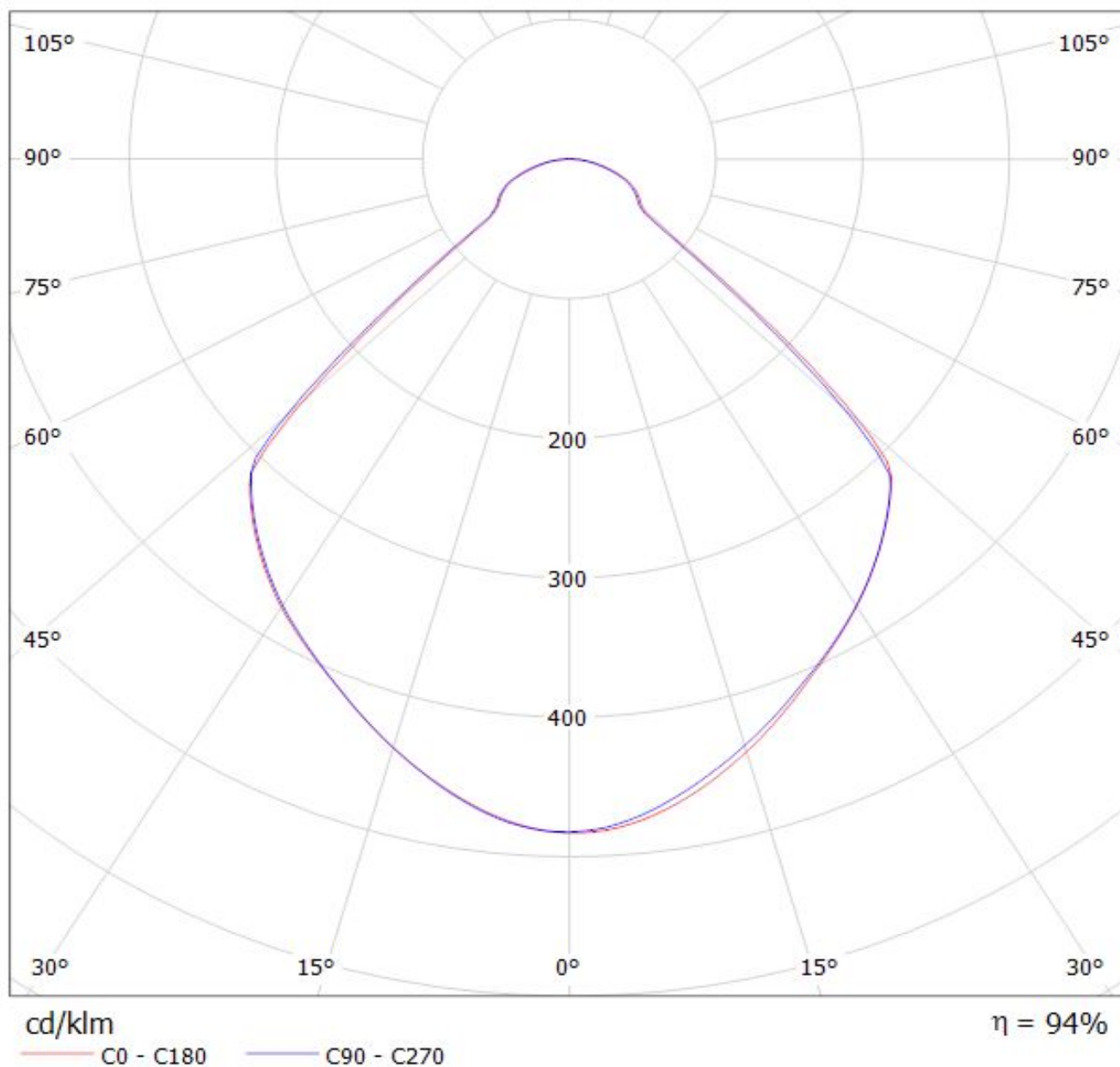
Luminaire: LEDiL Oy F13838_ANGELINA-XW_(CXM-14)

Lamps: 1 x LUMINUS_CXM-14_1114.36lm@250mA_P=8.36106W_I=249.8mA



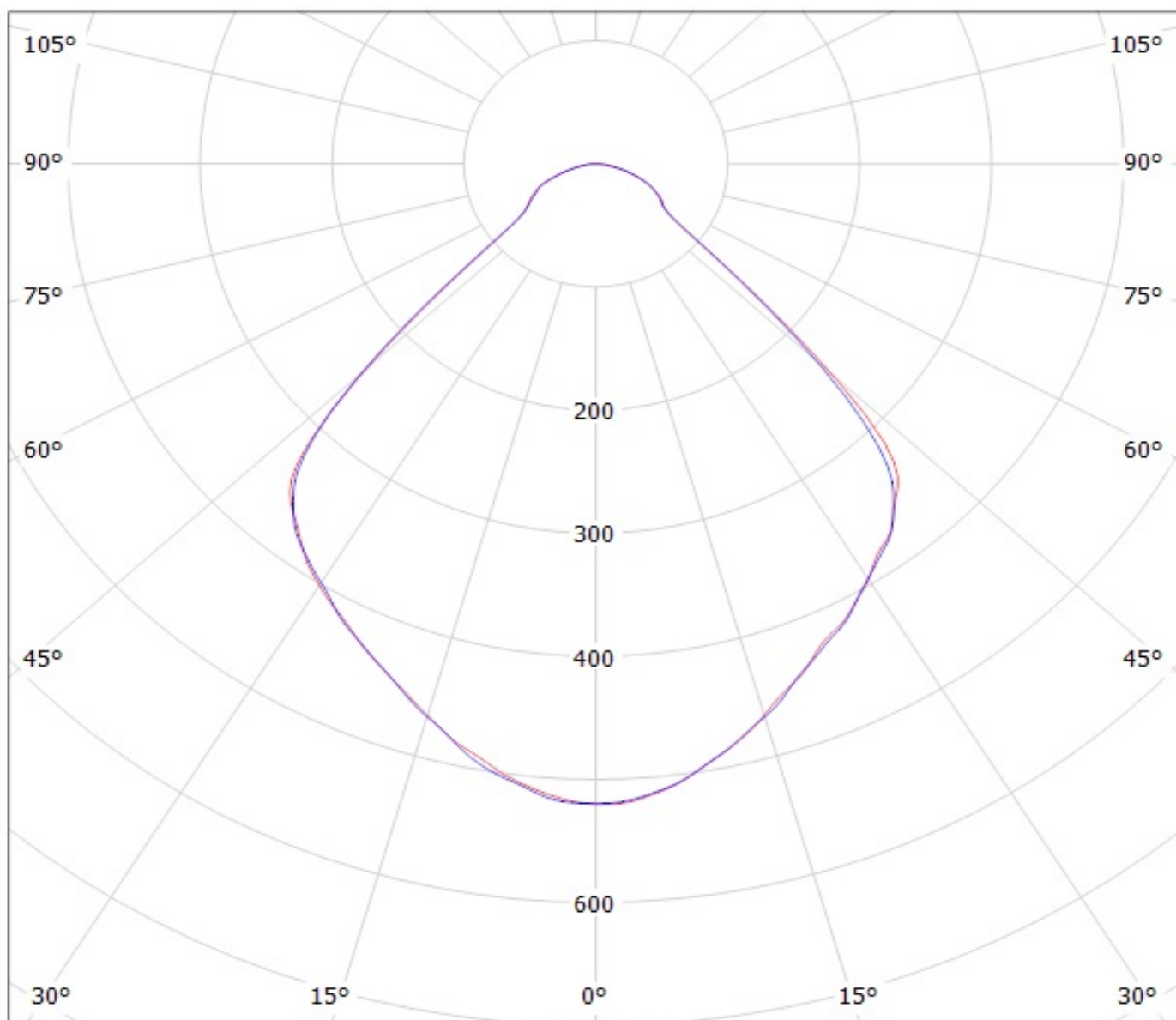
Luminaire: LEDiL Oy F13838_ANGELINA-XW_(NSBxL121A)

Lamps: 1 x Nichia_NSBxL121A_935.409lm@250mA_P=7.57219W_I=249.8mA



Luminaire: LEDil Oy F13838_ANGELINA-XW_(NFCxL060B)

Lamps: 1 x Nichia NFCxL060B (SM403G2450R8000) 1250.88lm @ 250mA P=8.4W I=250mA



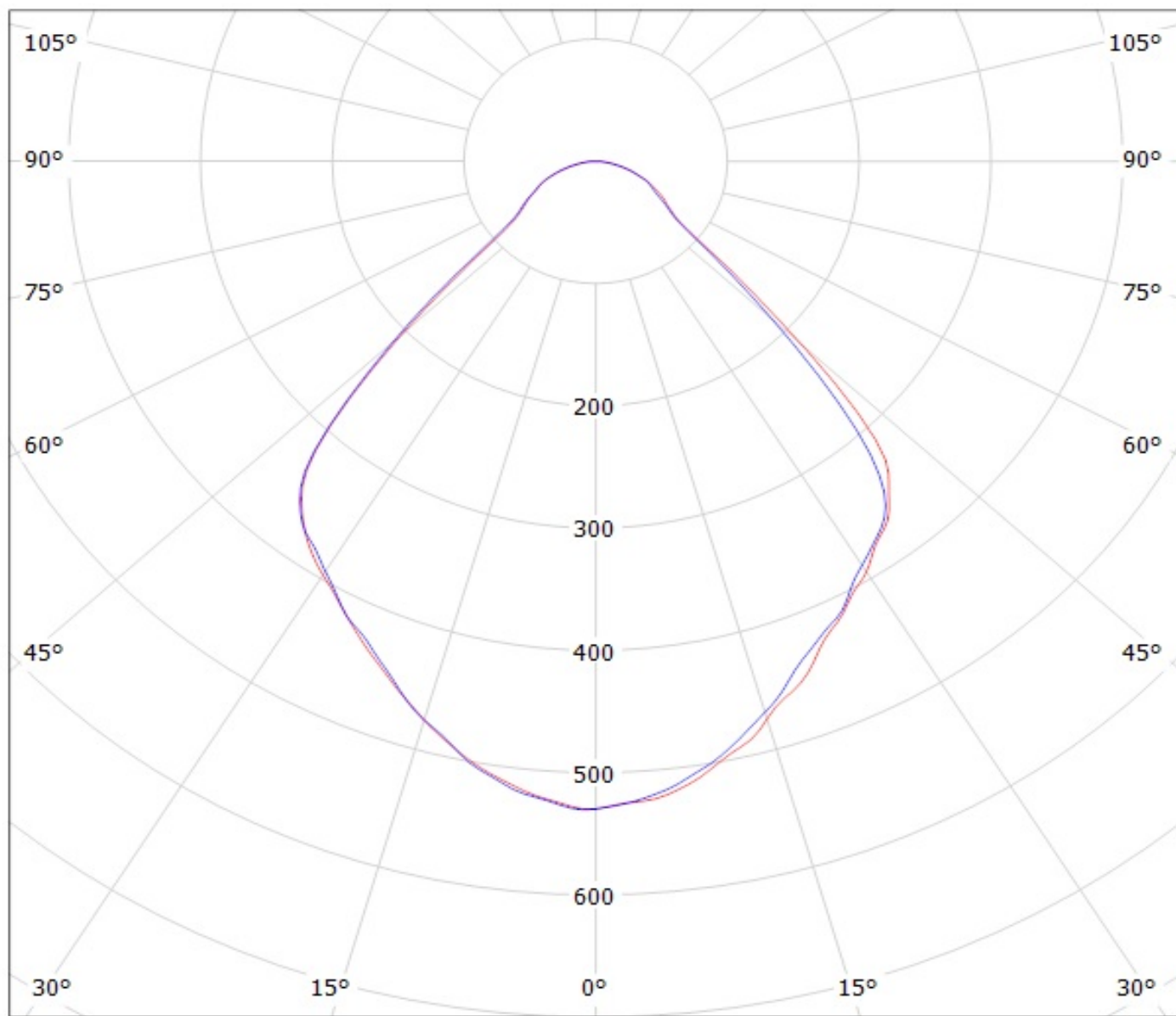
cd/klm

— C0 - C180

— C90 - C270

Luminaire: LEDil Oy F13838_ANGELINA-XW_(NFDxJ130B)

Lamps: 1 x Nichia NFDxJ130B (SM403G6450R8000) 1410.46lm @ 250mA P=8.9W I=250mA



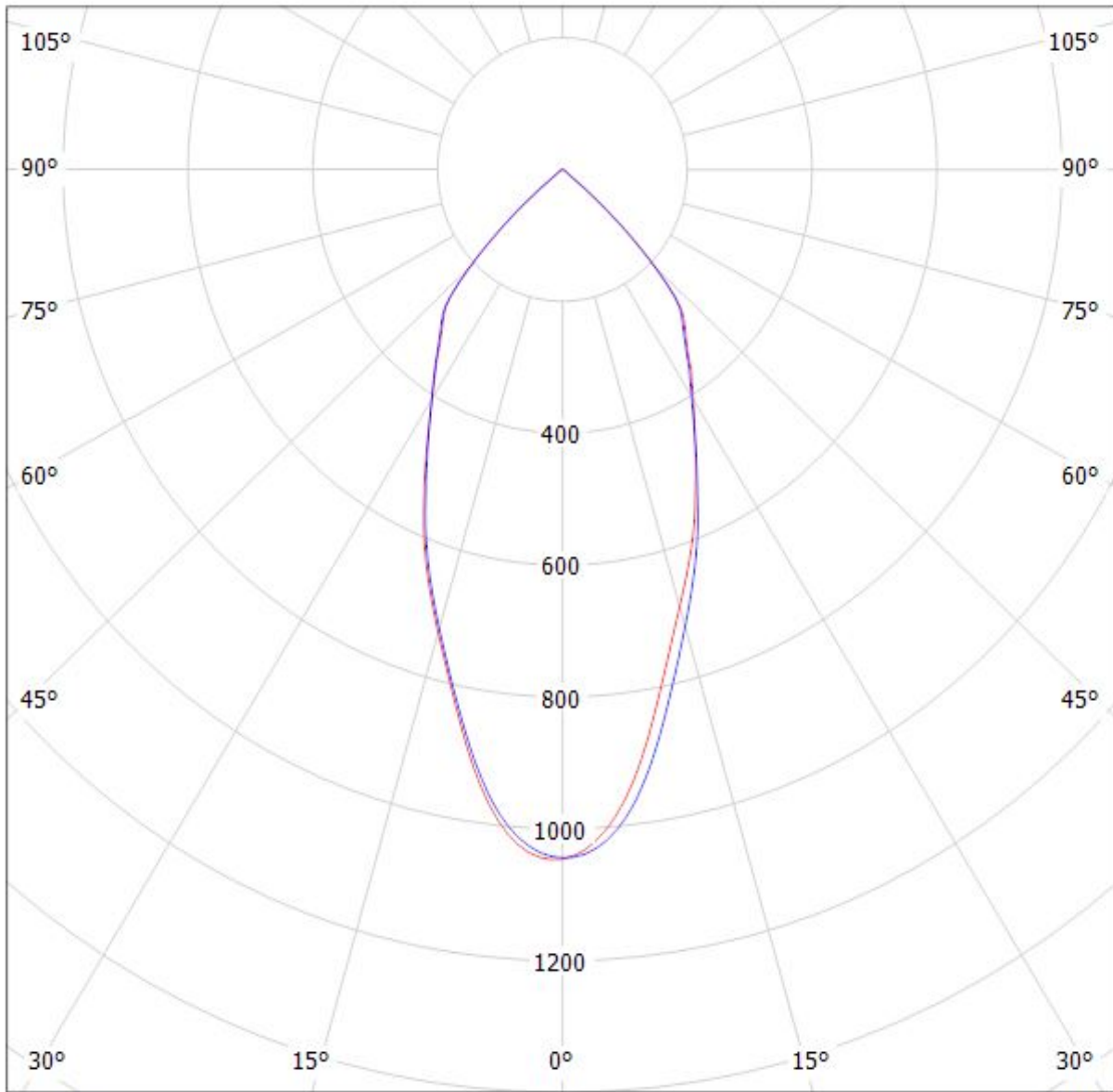
cd/klm

— C0 - C180

— C90 - C270

Luminaire: LEDiL Oy F13402_ANGELINA-W_(SOLERIQ_S19_&_TE_2213407-2)

Lamps: 1 x OSRAM_SOLERIQ_S19_(GW_KAHJB1.EM)_1393.62lm@250mA_CCT=3000K_P=10.5683W_I=249.8mA

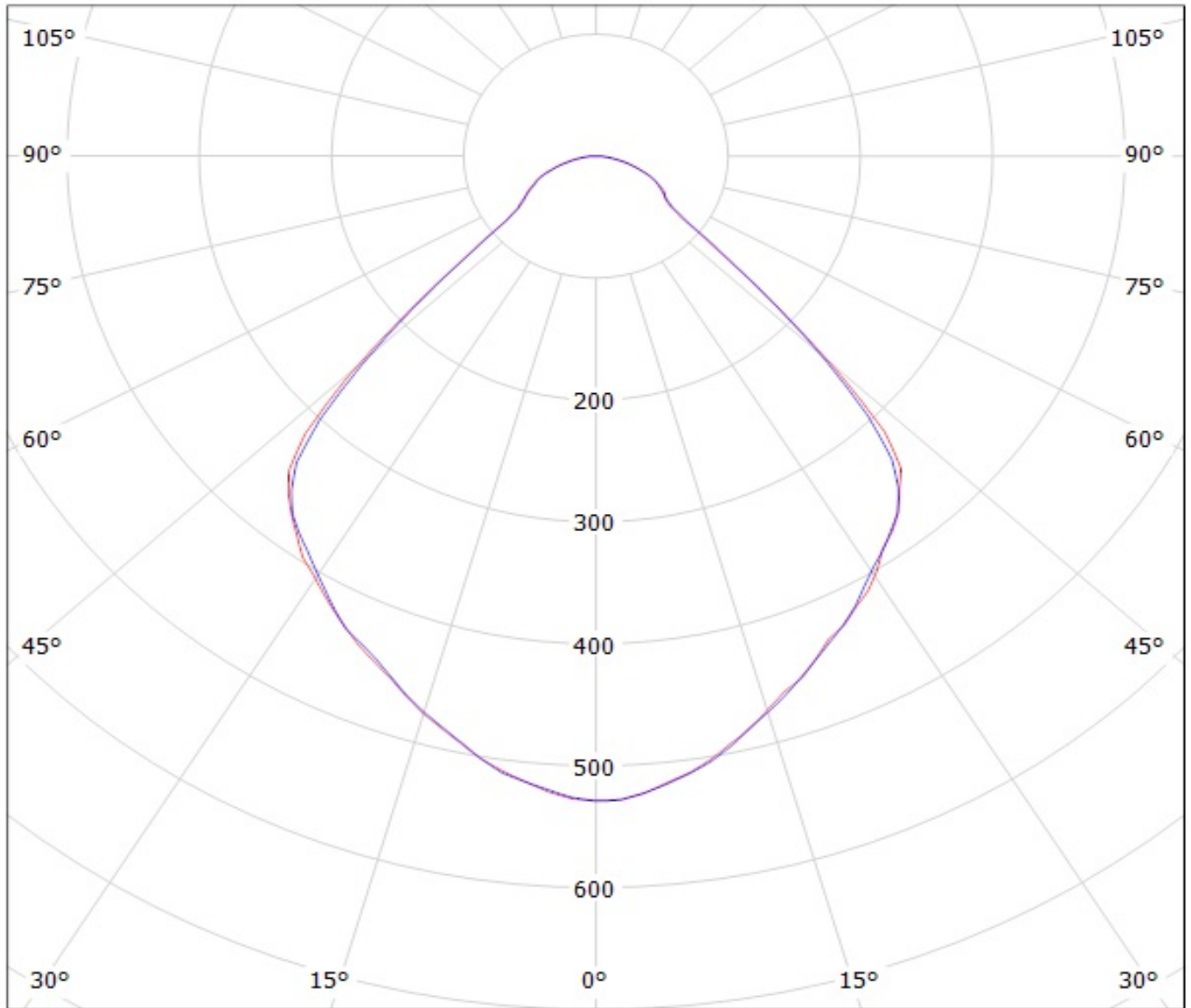


cd/klm

— C0 - C180 — C90 - C270

$\eta = 93\%$

Luminaire: LEDil Oy F13838_ANGELINA-XW_(Soleriq_S13) Efficiency=94%
Lamps: 1 x Osram Soleriq S13 (GW KAGHB1.EM) 855lm @ 250mA CCT=3100K P=7.5W I=250mA



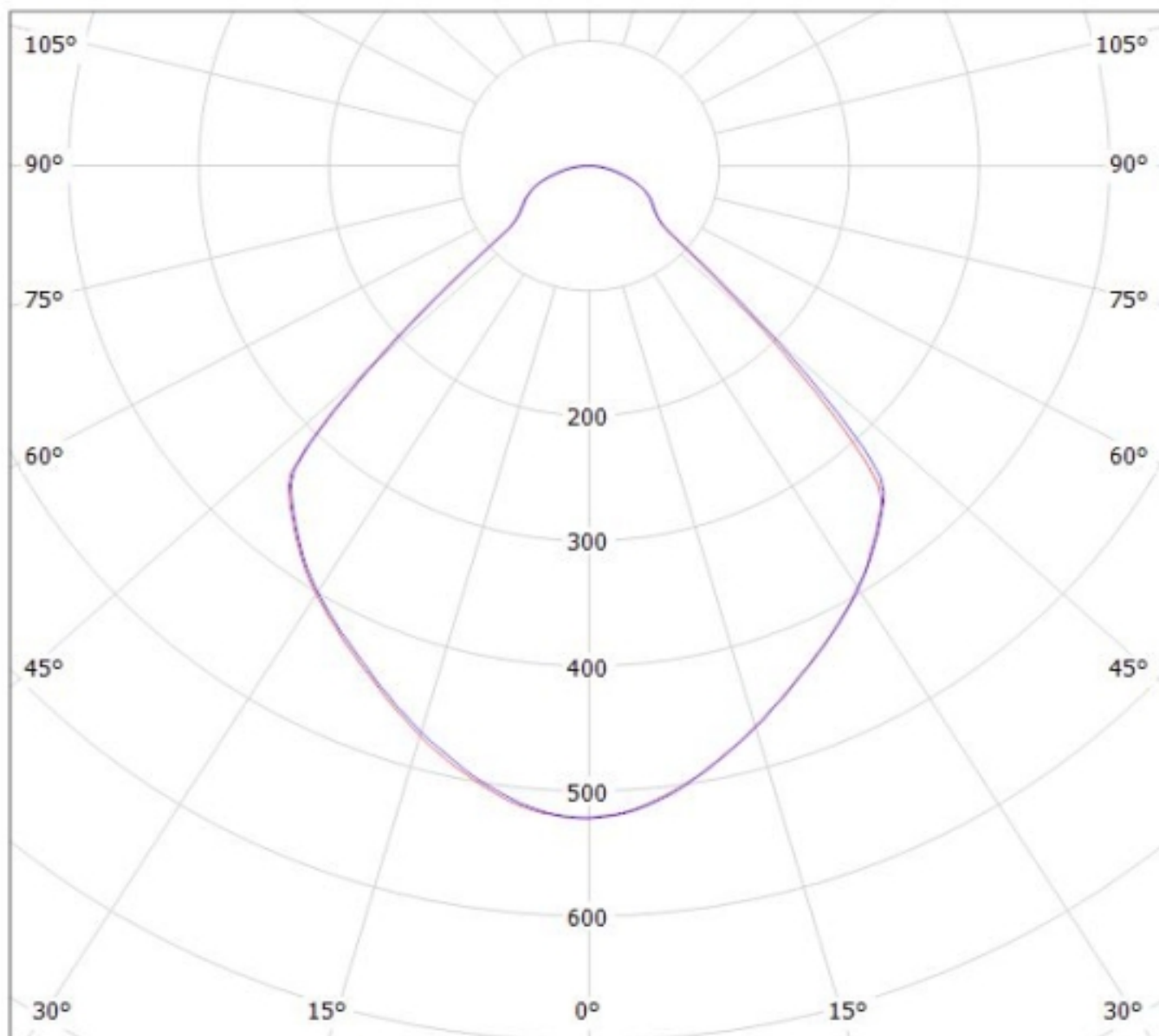
cd/klm

— C0 - C180

— C90 - C270

Luminaire: LEDiL Oy F13838_ANGELINA-XW_(LEP-800-827-C-AC)

Lamps: 1 x OSRAM PrevaLED Core AC (LEP-800-827-C-AC) 910lm@60mA U:230V P:14W



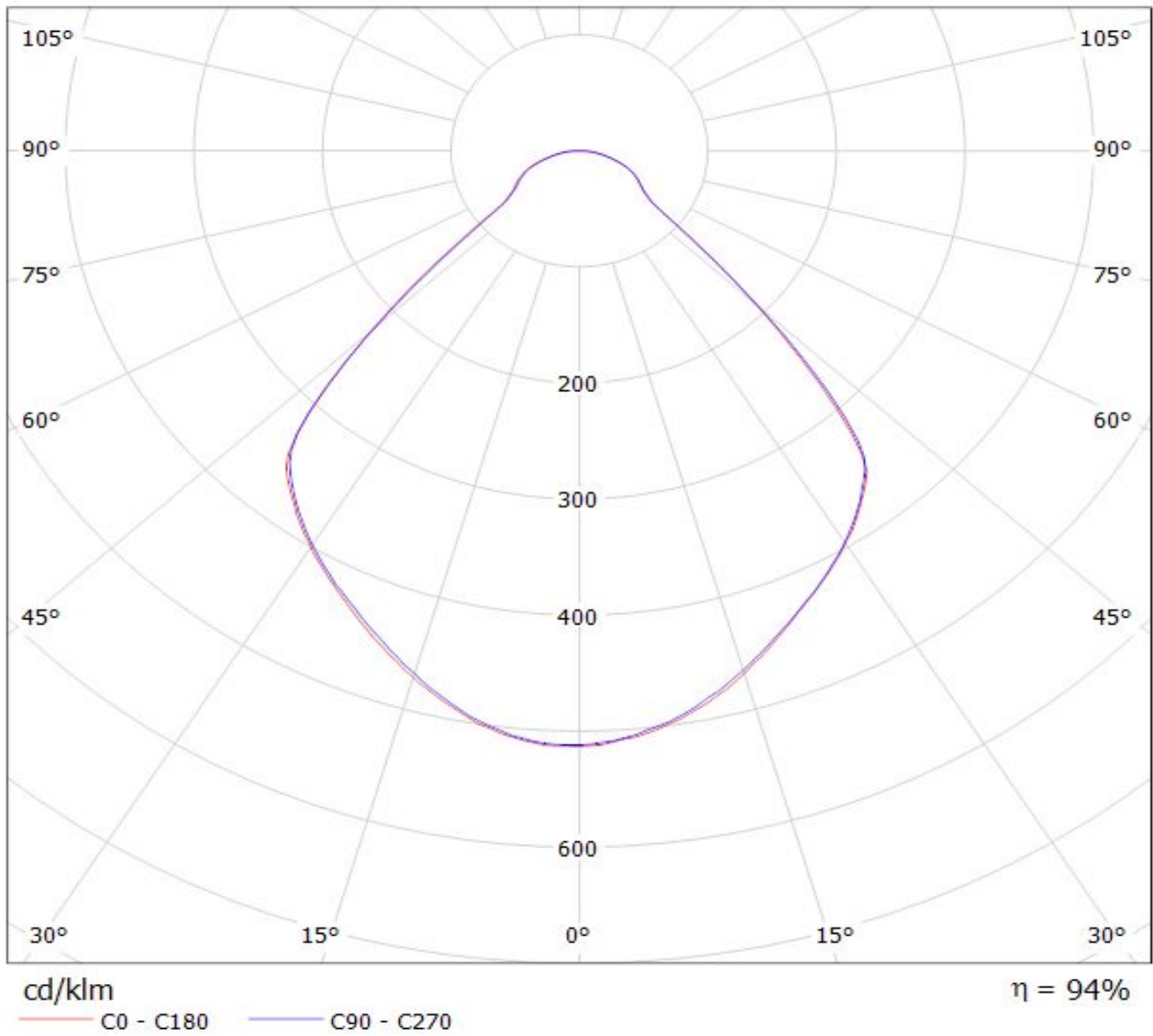
cd/klm

— C0 - C180

— C90 - C270

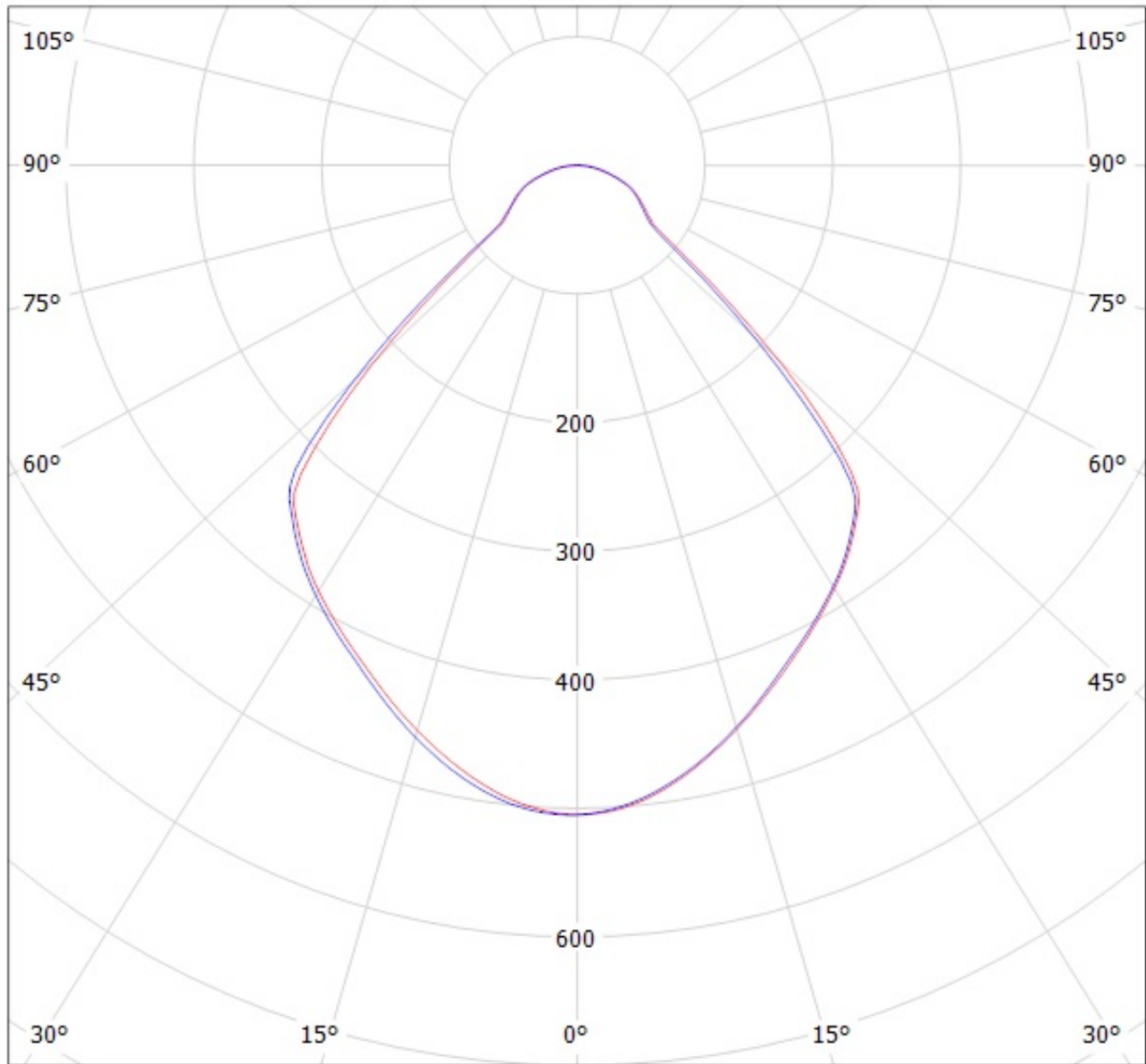
$\eta = 94\%$

Luminaire: LEDiL Oy F13838_ANGELINA-XW_(LEP-2000-827-C-AC)
Lamps: 1 x OSRAM PrevaLED Core AC (LEP-2000-827-C-AC)



Luminaire: LEDiL Oy F13838_ANGELINA-XW_(PrevaLED_Z4) Eff: 94%

Lamps: 1 x Osram_PrevaLED_CORE_Z4_(PL-CORE-3000-830-Z4)_1433.3lm@250mA_P=10.7652W_I=249.9mA



cd/klm

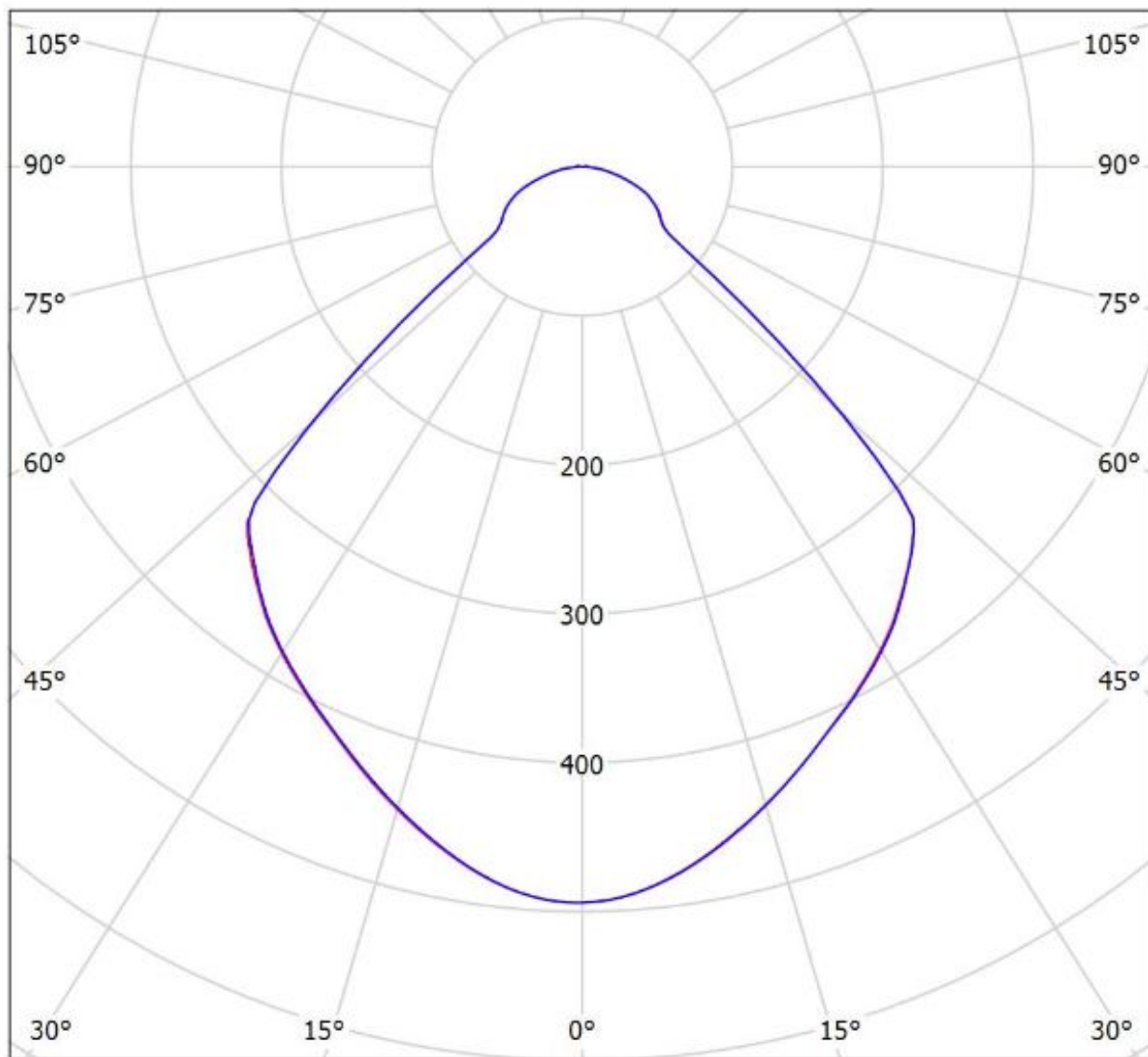
— C0 - C180

— C90 - C270

$\eta = 94\%$

Luminaire: LEDiL Oy F13838_ANGELINA-XW_(SOLERIQ_P13)

Lamps: 1 x SOLERIQ_P13_(GW_MAGMB1.EM)_1038.25lm@250mA_CCT=3000K_P=8.77223W_I=249.8mA



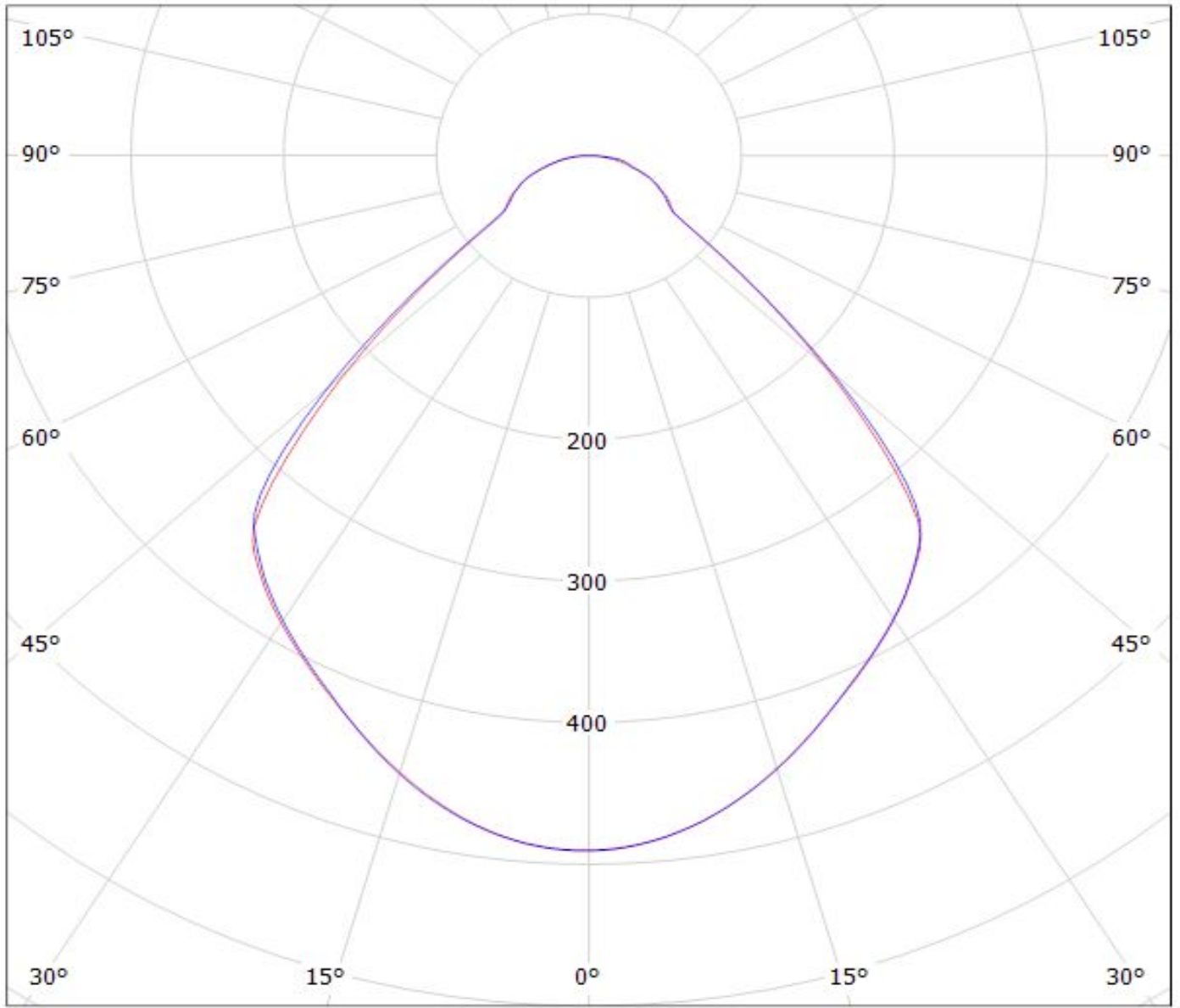
cd/klm

— C0 - C180 — C90 - C270

$\eta = 95\%$

Luminaire: LEDiL Oy F13838_ANGELINA-XW_(SLM_4500) Eff.94.3%

Lamps: 1 x Philips_FORTIMO_SLM_4500_1139.88lm@250mA_P=10.7416W_I=249.8mA



cd/klm

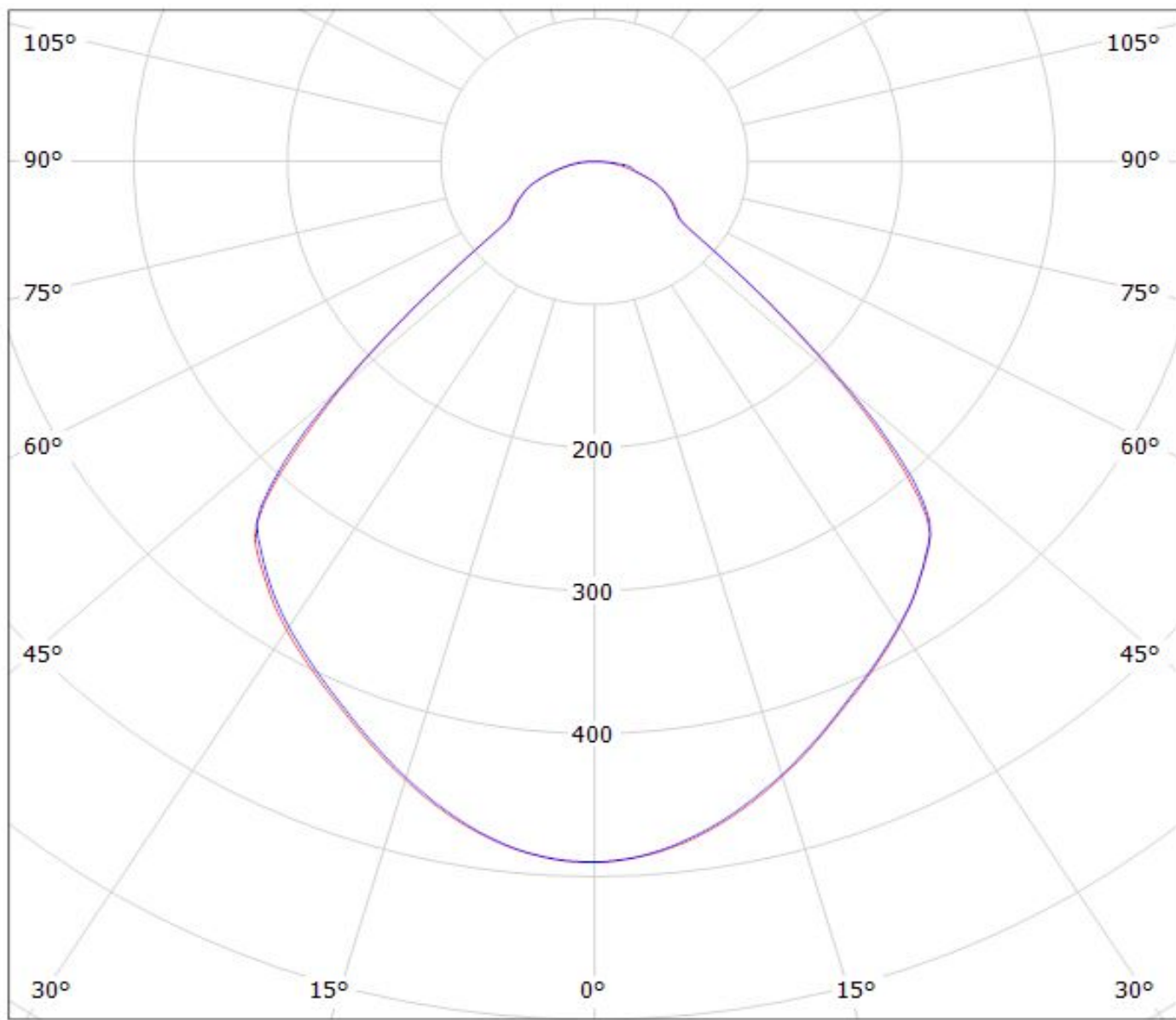
— C0 - C180

— C90 - C270

$\eta = 94\%$

Luminaire: LEDiL Oy F13838_ANGELINA-XW_(SLM_2000) Eff.94.1%

Lamps: 1 x Philips_FORTIMO_SLM_2000_728.985lm@250mA_P=6.244W_I=249.9W



cd/klm

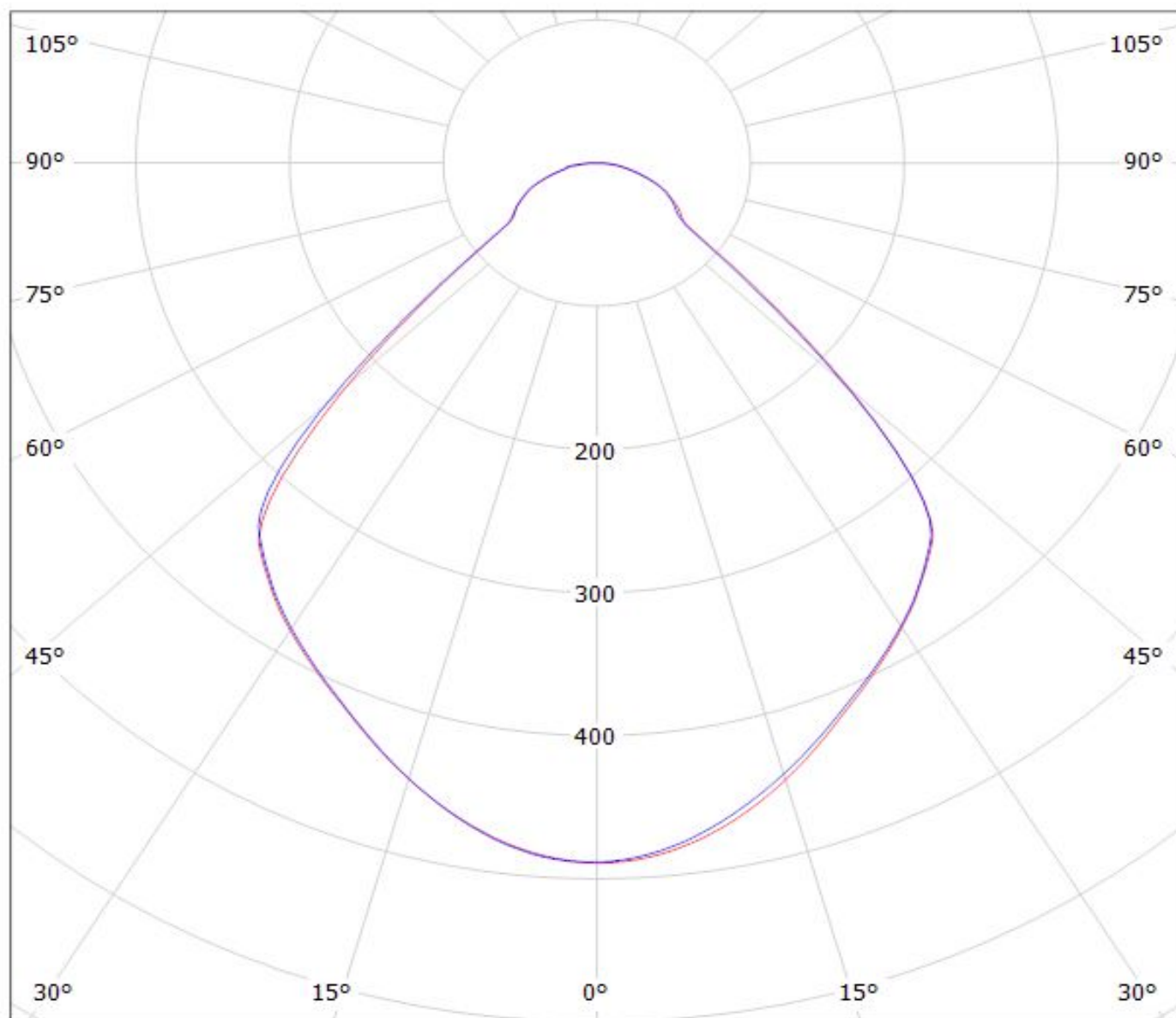
— C0 - C180

— C90 - C270

$\eta = 94\%$

Luminaire: LEDiL Oy F13838_ANGELINA-XW_(SLM_3000) Eff.94.2%

Lamps: 1 x Philips_FORTIMO_SLM_3000_1066.81lm@250mA_P=8.8817W_I=249.9mA

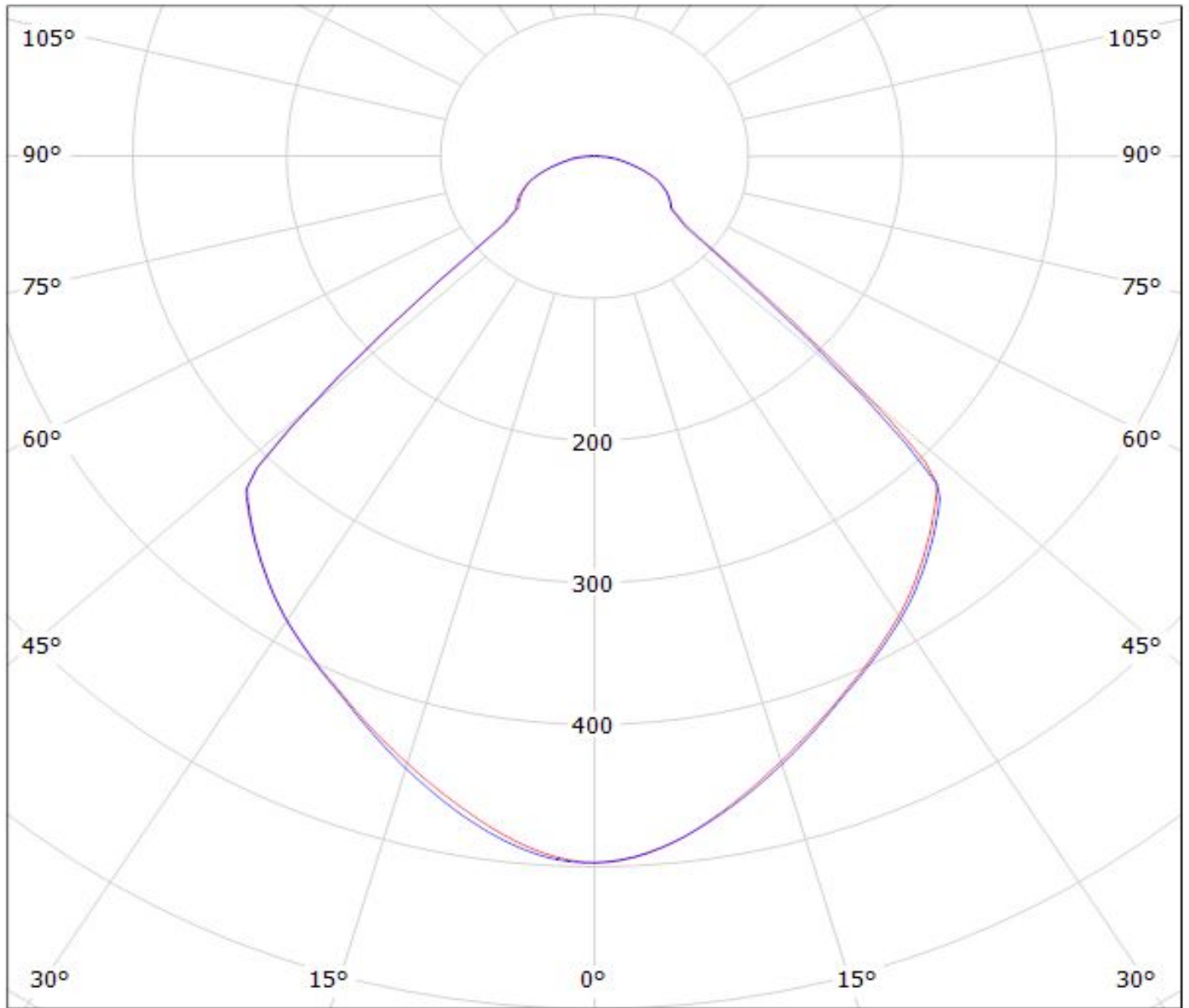


cd/klm

— C0 - C180 — C90 - C270

$\eta = 94\%$

Luminaire: LEDiL Oy F13838_ANGELINA-XW_(Fortimo LED SLM 1100 lm 830 L9 G4)
Lamps: 1 x Fortimo LED SLM 1100 lm 830 L9 G4_1021.27lm@250mA_P=9.2431W_I=0.2498A

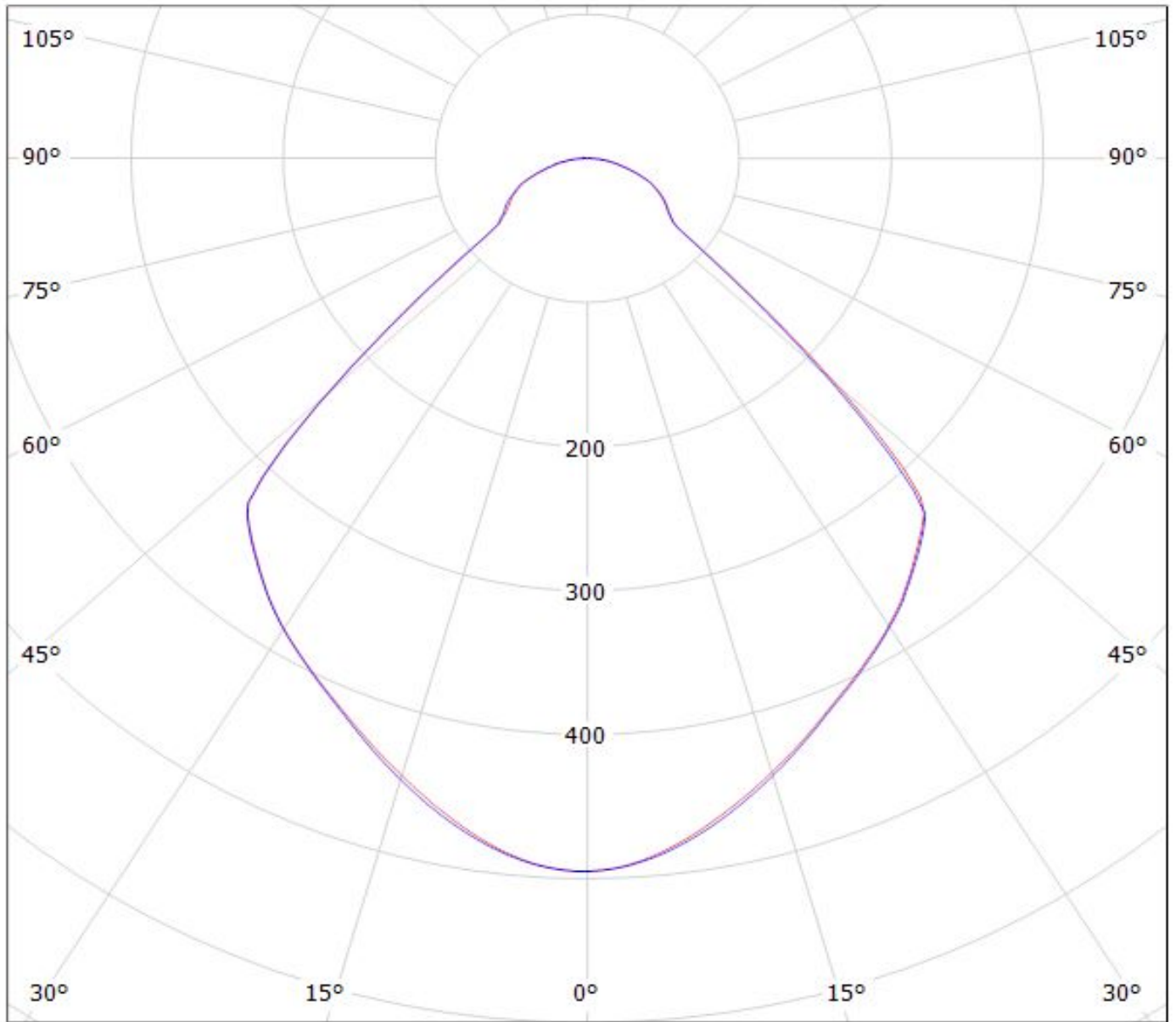


cd/klm

— C0 - C180 — C90 - C270

$\eta = 94\%$

Luminaire: LEDiL Oy F13838_ANGELINA-XW_(Fortimo LED SLM L13 G4)
Lamps: 1 x Fortimo LED SLM L13 G4_1110.38lm@250mA_P=8.38454W_I=0.2498A

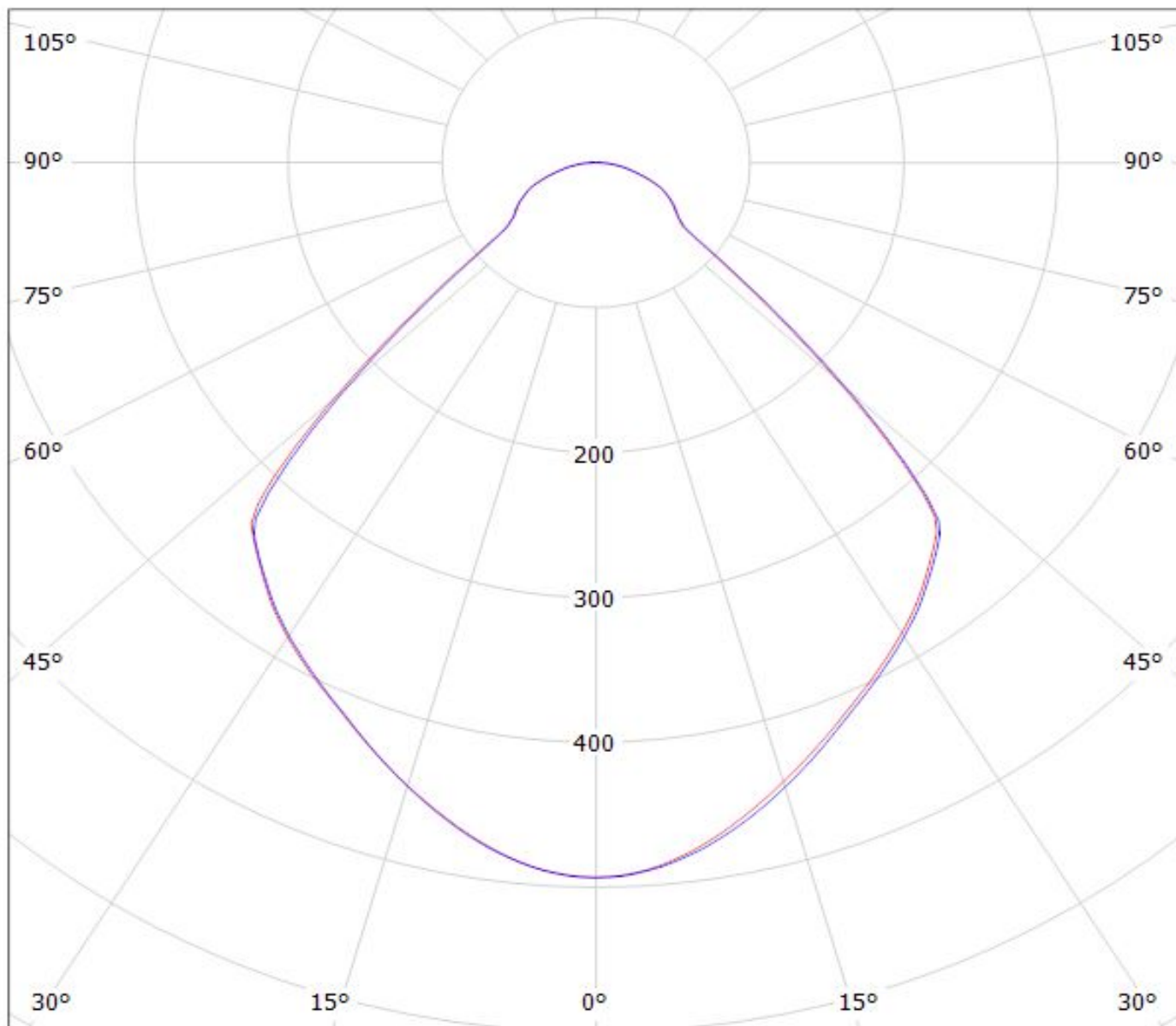


cd/klm

— C0 - C180 — C90 - C270

$\eta = 94\%$

Luminaire: LEDiL Oy F13838_ANGELINA-XW_(Fortimo LED SLM L15 G4)
Lamps: 1 x Fortimo LED SLM L15 G4_1116.47lm@250mA_P=8.21168W_I=0.2498A



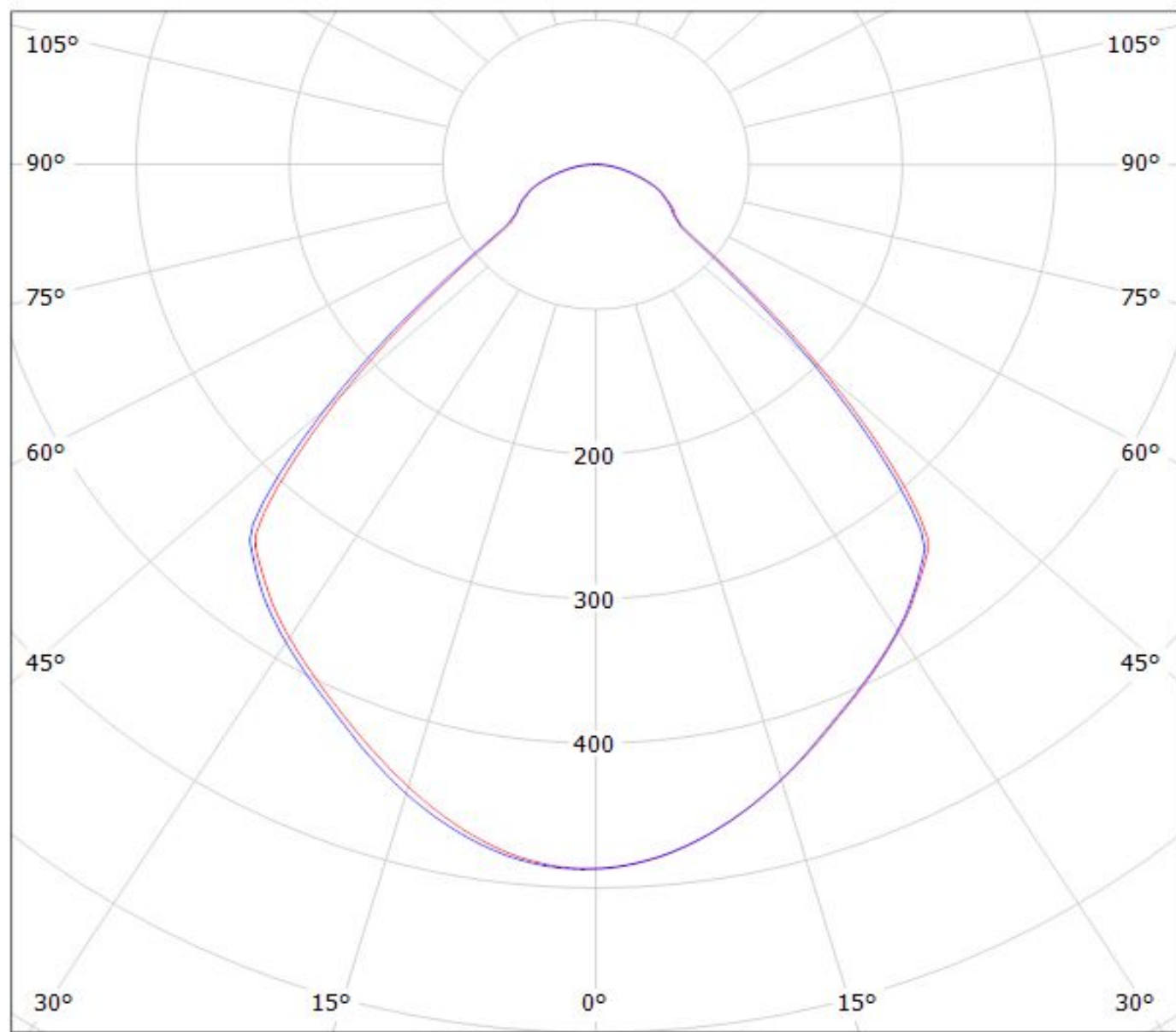
cd/klm

— C0 - C180 — C90 - C270

$\eta = 94\%$

Luminaire: LEDiL Oy F13838_ANGELINA-XW_(Fortimo LED SLM L19 G4)

Lamps: 1 x Fortimo LED SLM L19 G4_1114.89lm@250mA_P=8.04906W_I=0.2498A

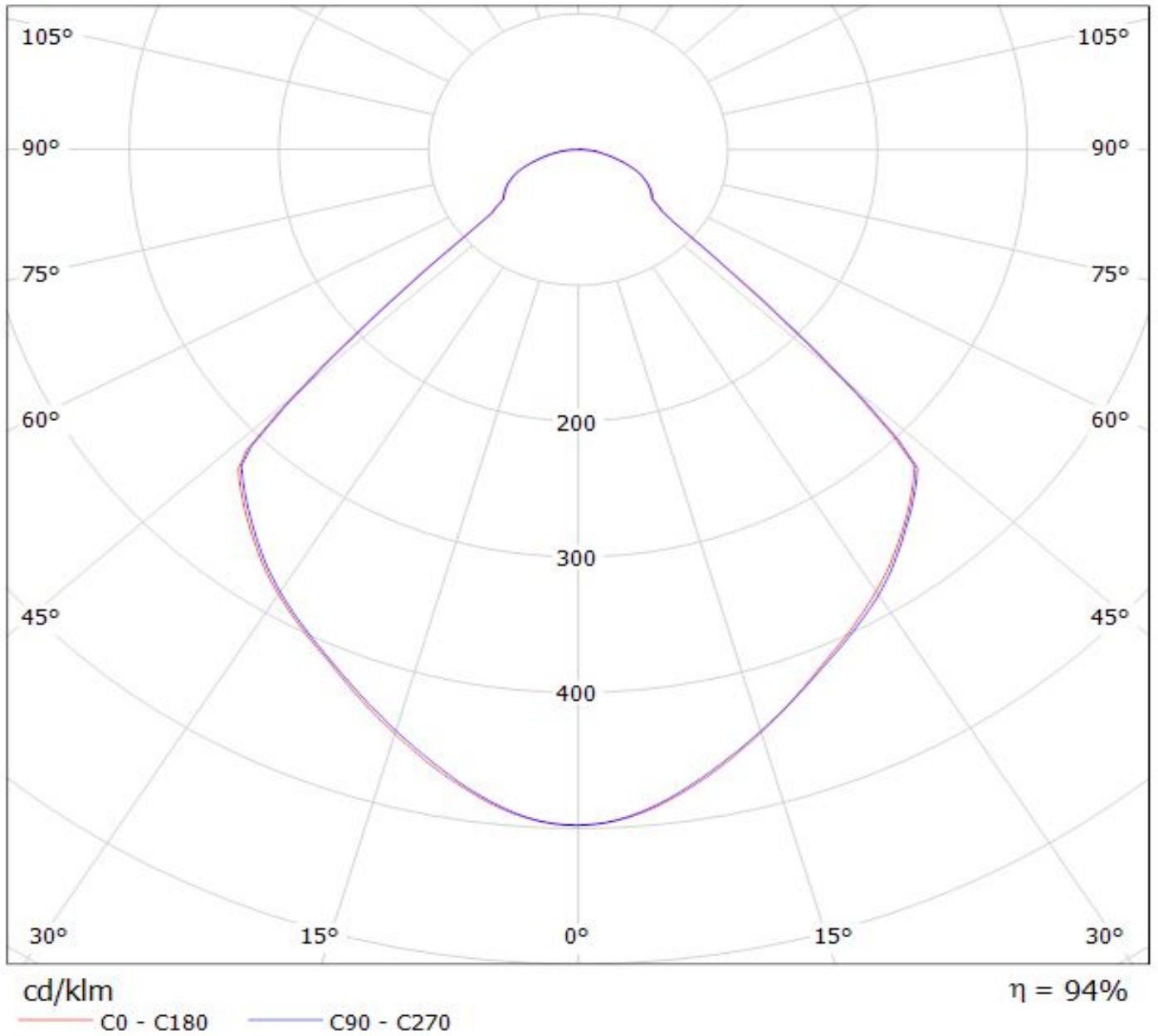


cd/klm

— C0 - C180 — C90 - C270

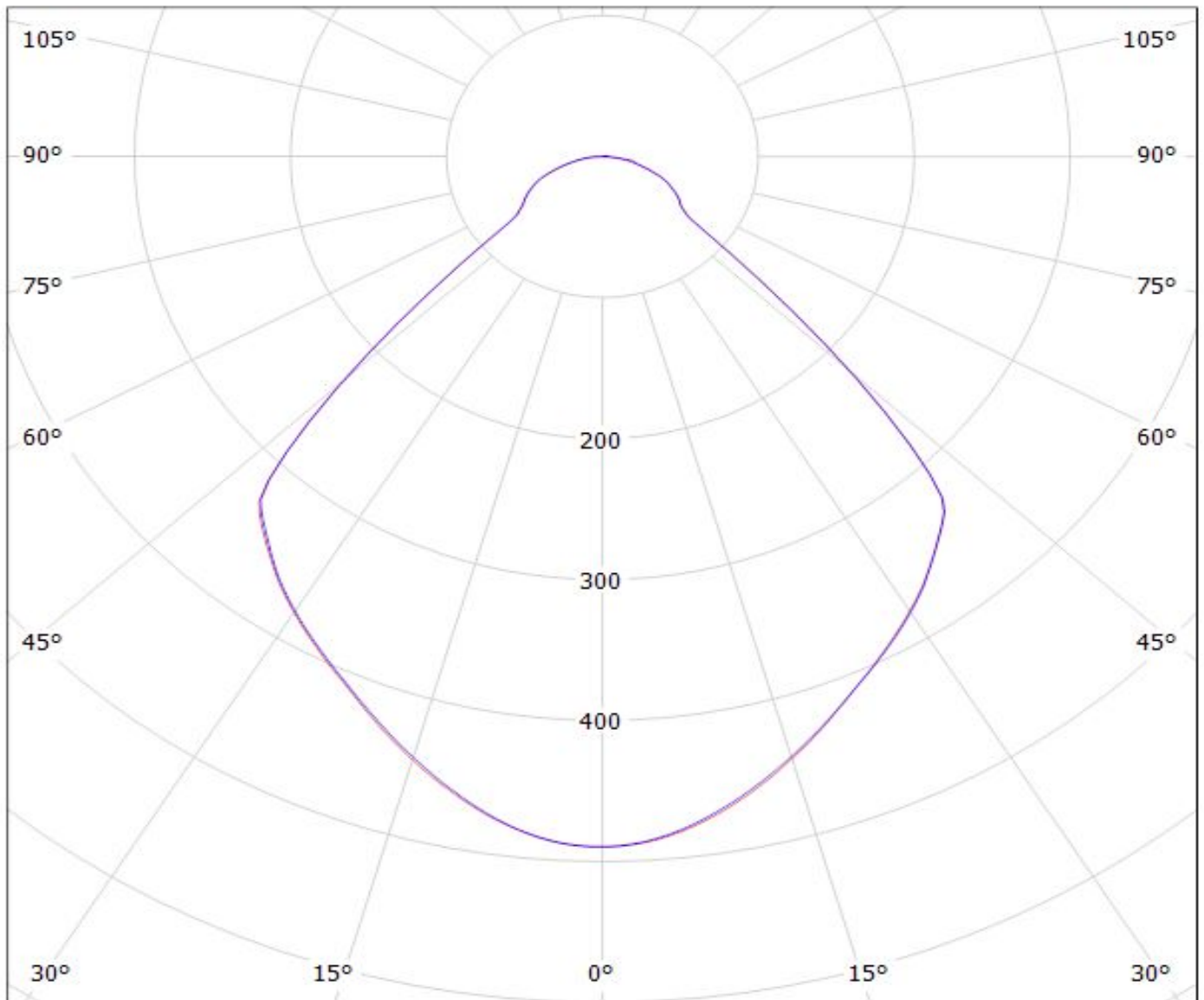
$\eta = 93\%$

Luminaire: LEDiL Oy F13838_ANGELINA-XW_(SLM-G5-LES-9)_ (Z50-Optic-Clip)
Lamps: 1 x Fortimo_SLM-G5-LES-9_1182.49lm@250mA_P=8.5848W_I=0.250A



Luminaire: LEDiL Oy F13838_ANGELINA-XW_(SLM-G5_LES-15)

Lamps: 1 x Fortimo_SLM-G5_LES-15_1257.61lm@250mA_P=8.1569W_I=0.250A



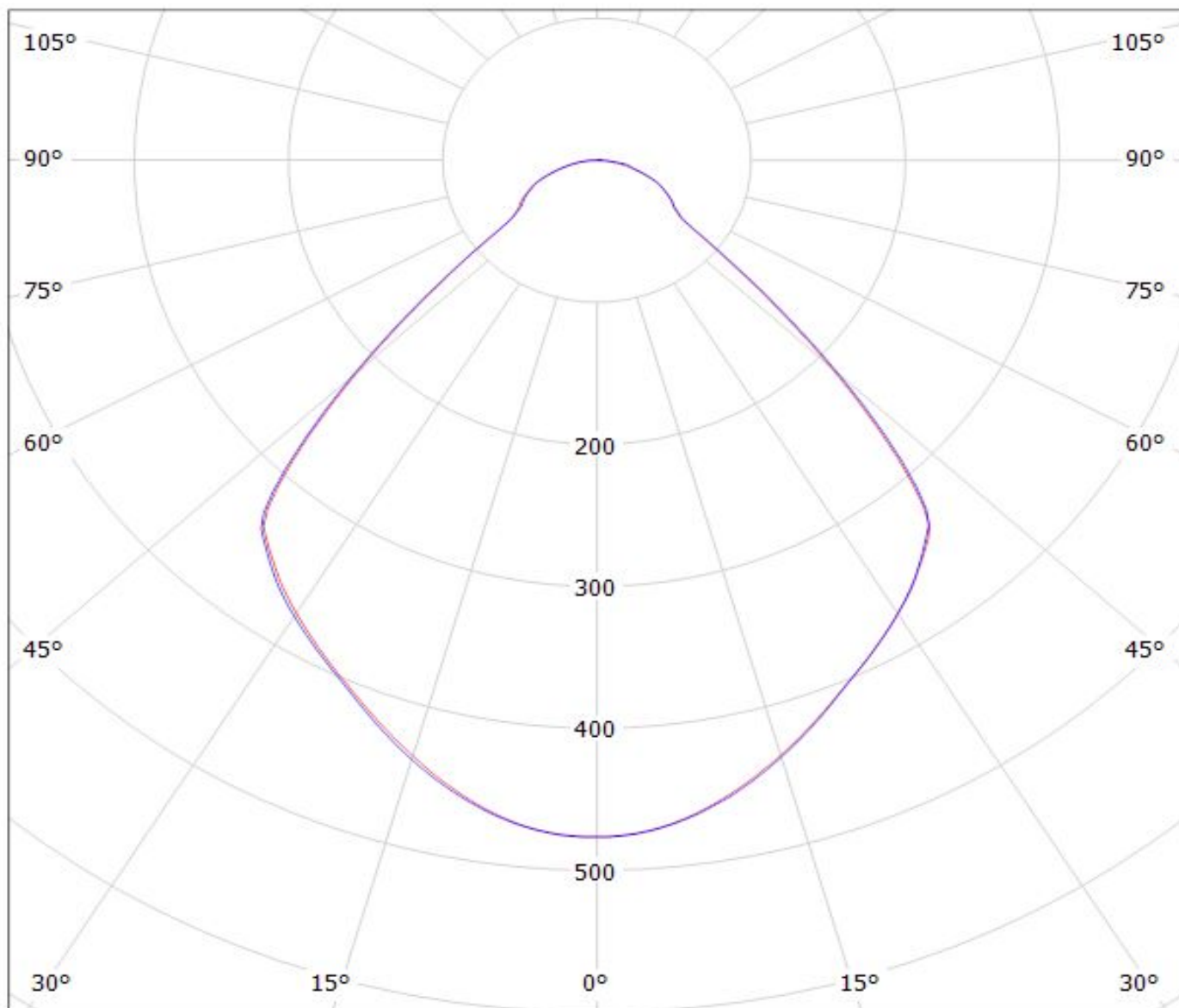
cd/klm

$\eta = 92\%$

— C0 - C180

— C90 - C270

Luminaire: LEDiL Oy F13838_ANGELINA-XW_(SLM-G5_LES-19)_ (Z50_Optic_Clip)
Lamps: 1 x Fortimo_SLM-G5_LES-19_1397.58lm@250mA_P=8.0385W_I=0.250A



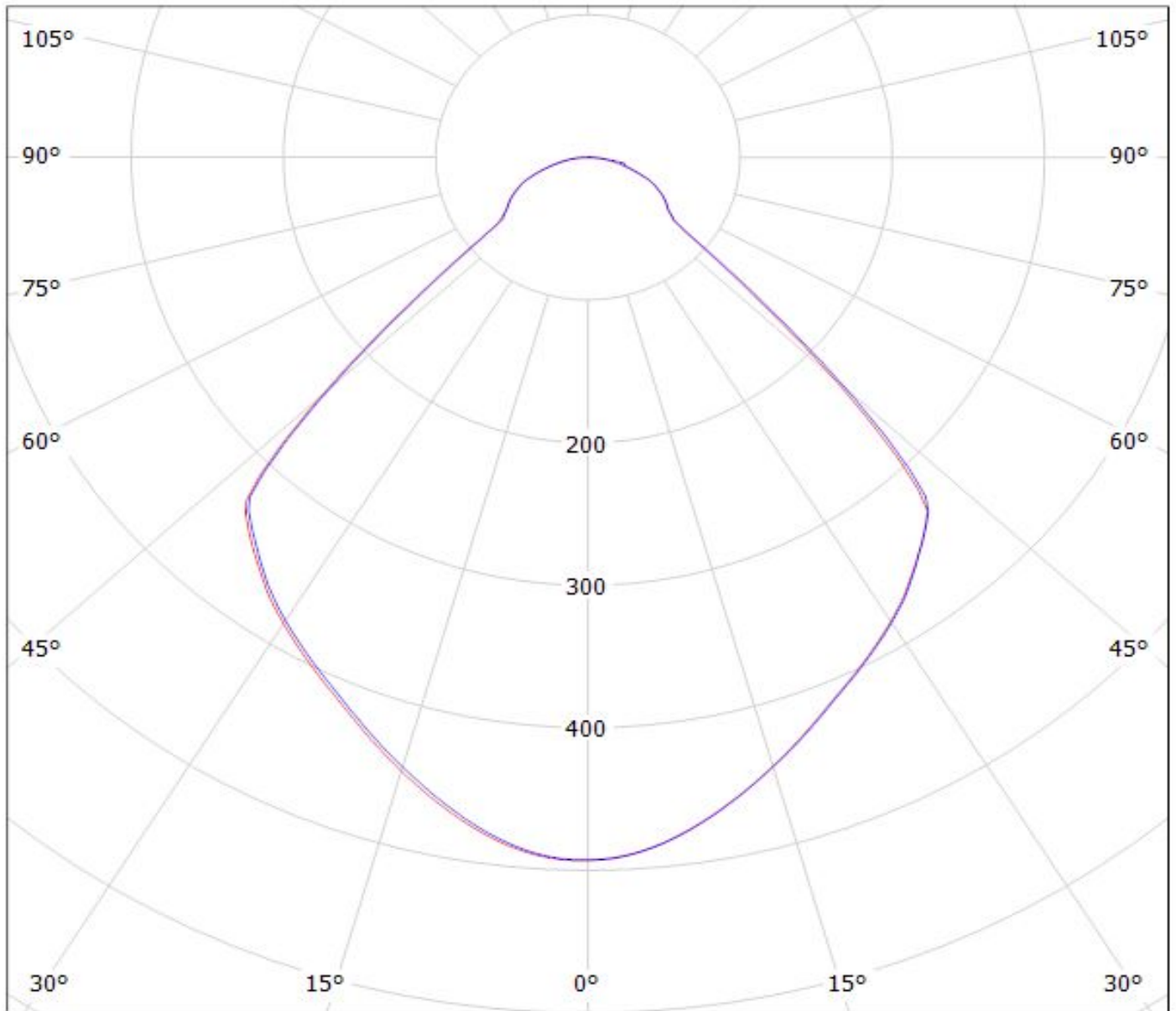
cd/klm

$\eta = 91\%$

— C0 - C180

— C90 - C270

Luminaire: LEDiL Oy F13838_ANGELINA-XW_(SLM-G5_LES-13)_ (Z50-Optic-Clip)
Lamps: 1 x Fortimo_SLM-G5_LES-13_1300.47lm@250mA_P=8.4010W_I=0.250A



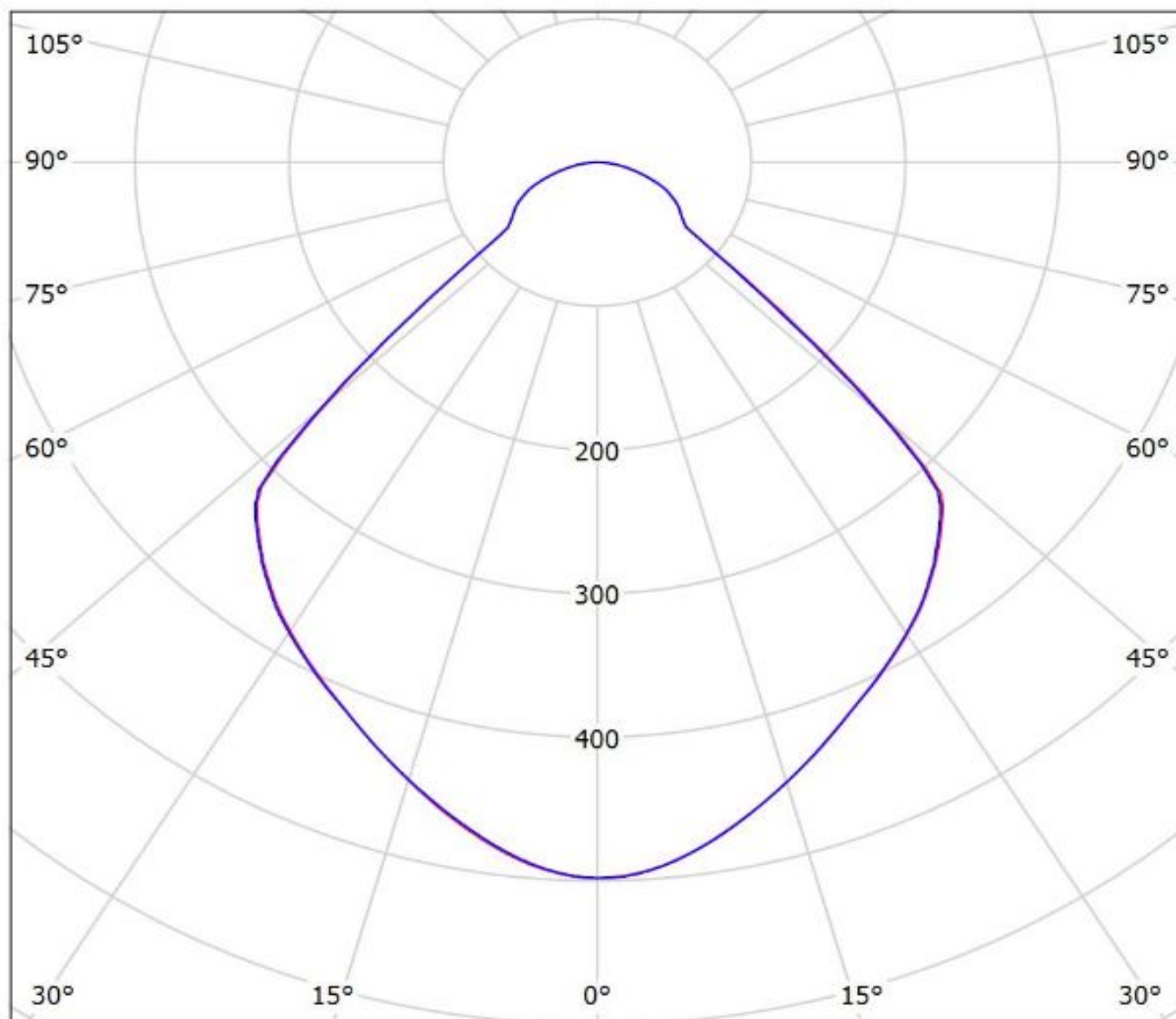
cd/klm

— C0 - C180 — C90 - C270

$\eta = 94\%$

Luminaire: Ledil F13838_ANGELINA-XW_(LC040C+TE)

Lamps: 1 x Samsung_LC040C+_2213382-2+_2213194-1_1194.16lm@250mA_CCT=4000K_P=8.137W



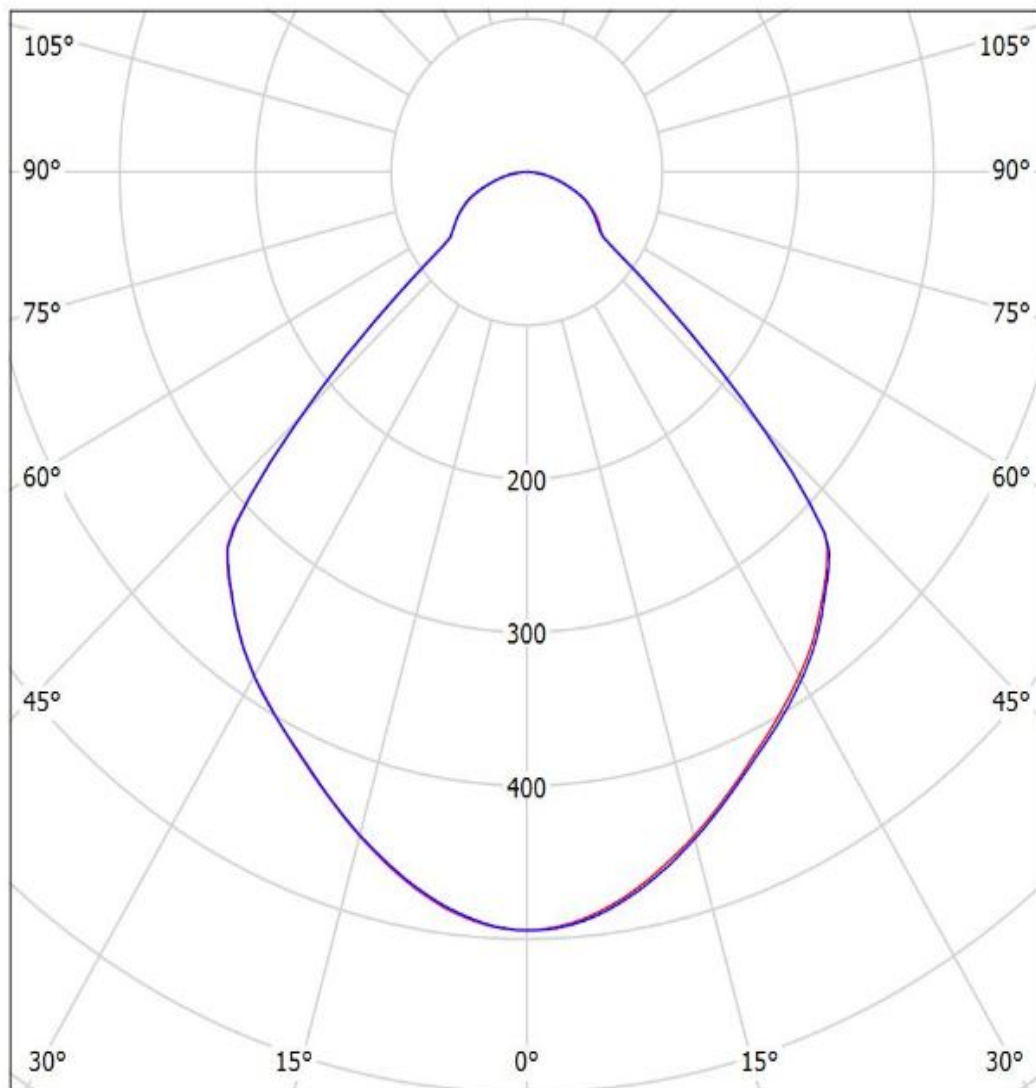
cd/klm

— C0 - C180 — C90 - C270

$\eta = 95\%$

Luminaire: Ledil F13838_ANGELINA-XW_(MJT_30W_Les14,5)_TE

Lamps: 1 x Seoul_MJT_30W_Les14,5mm_(SAWx1566A)_+TE_2213254-2+_TE_2213194-1_1328.6lm@250mA_P=8.24025W_I=0.25A



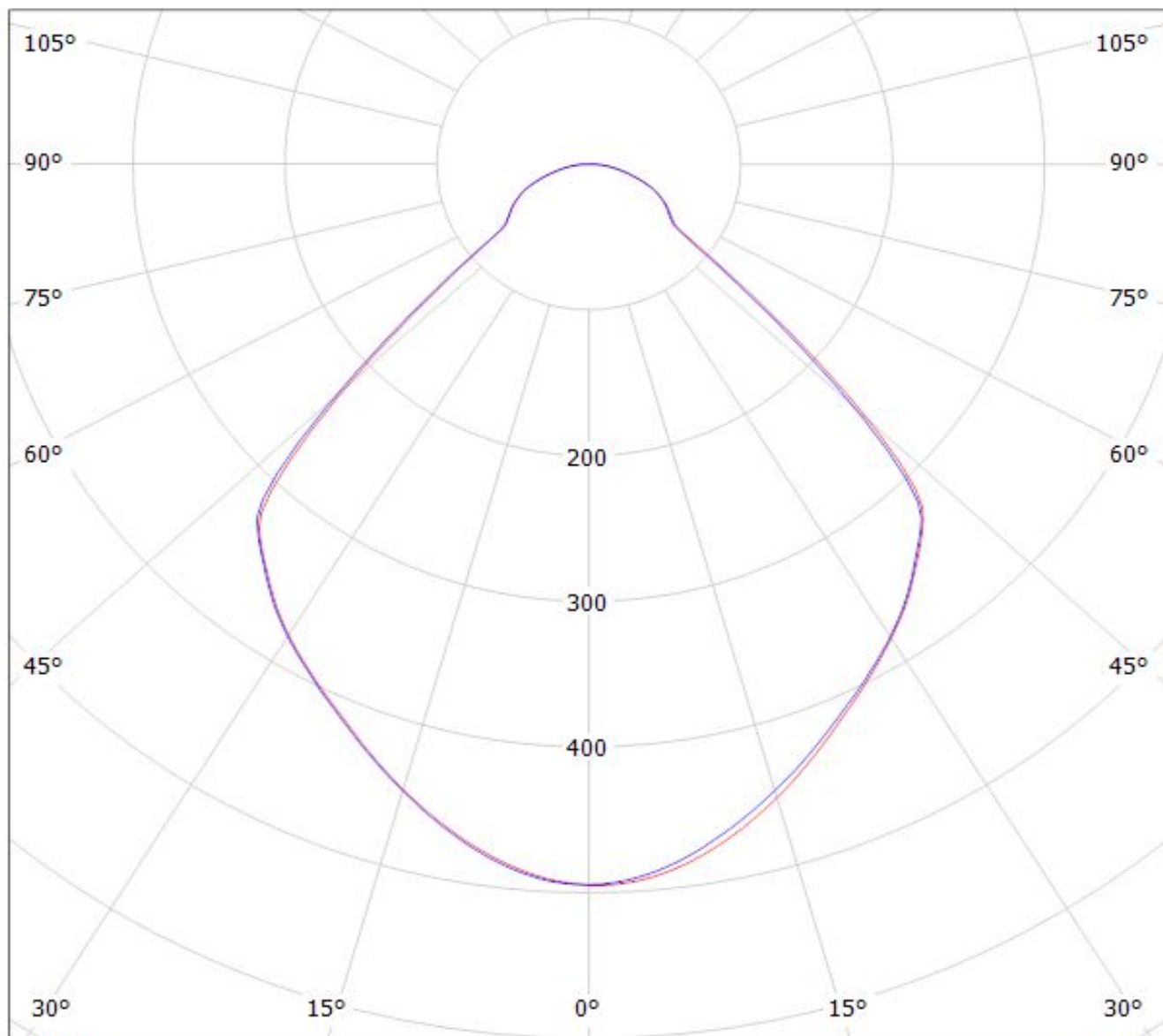
cd/klm

— C0 - C180 — C90 - C270

$\eta = 94\%$

Luminaire: LEDiL Oy F13838_ANGELINA_XW_(MZ) Eff.94.0%

Lamps: 1 x Sharp_Mega_Zenigata_1226.07lm@250mA_P=11.1573W_I=249.8mA



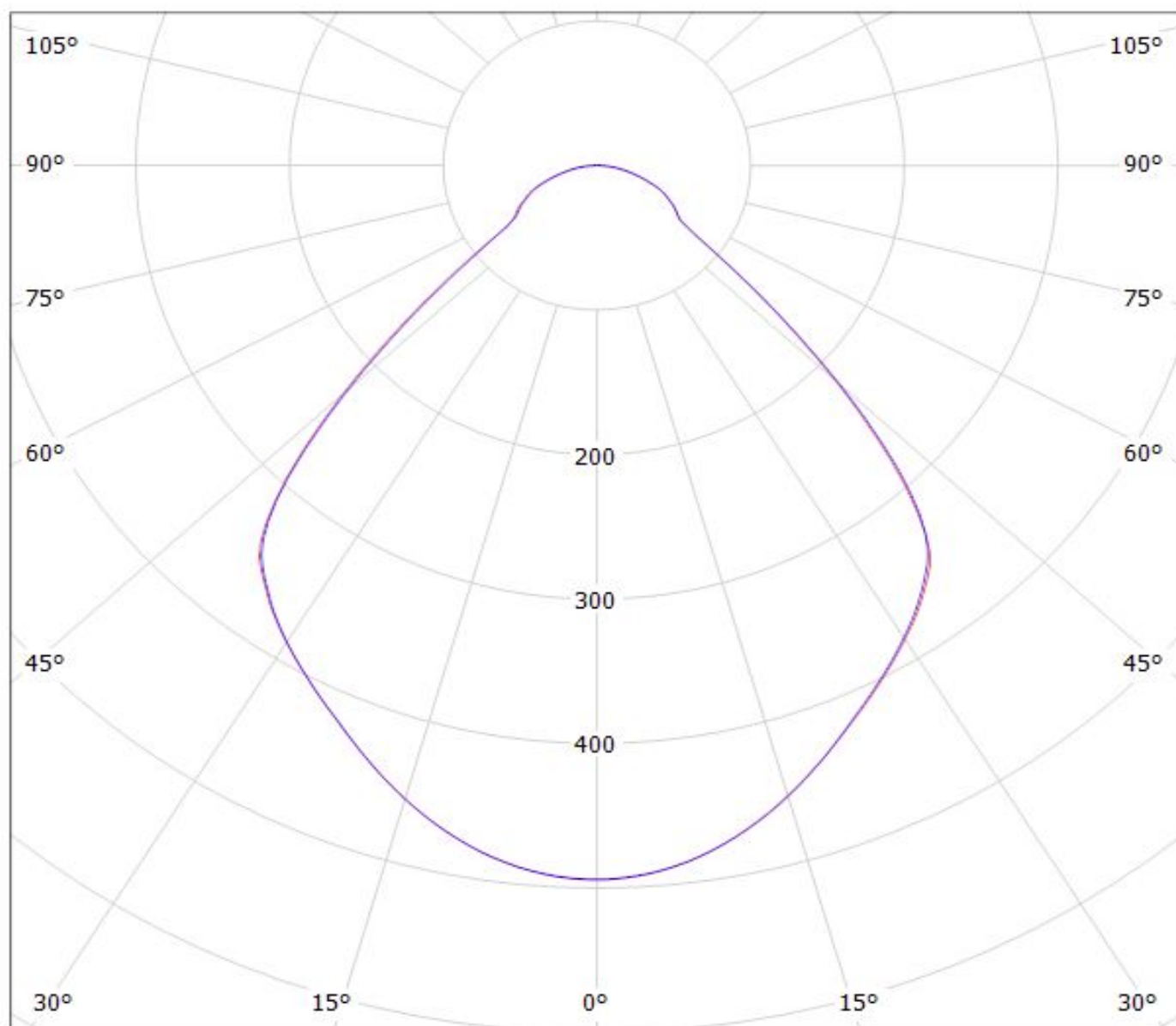
cd/klm

$\eta = 94\%$

— C0 - C180 — C90 - C270

Luminaire: LEDiL Oy F13838_ANGELINA-XW_(LES26) Eff.94.4%

Lamps: 1 x Tridonic_STARK_SLE_G2_LES26_1048.24lm@250mA_P=8.04403W_I=249.9mA



cd/klm

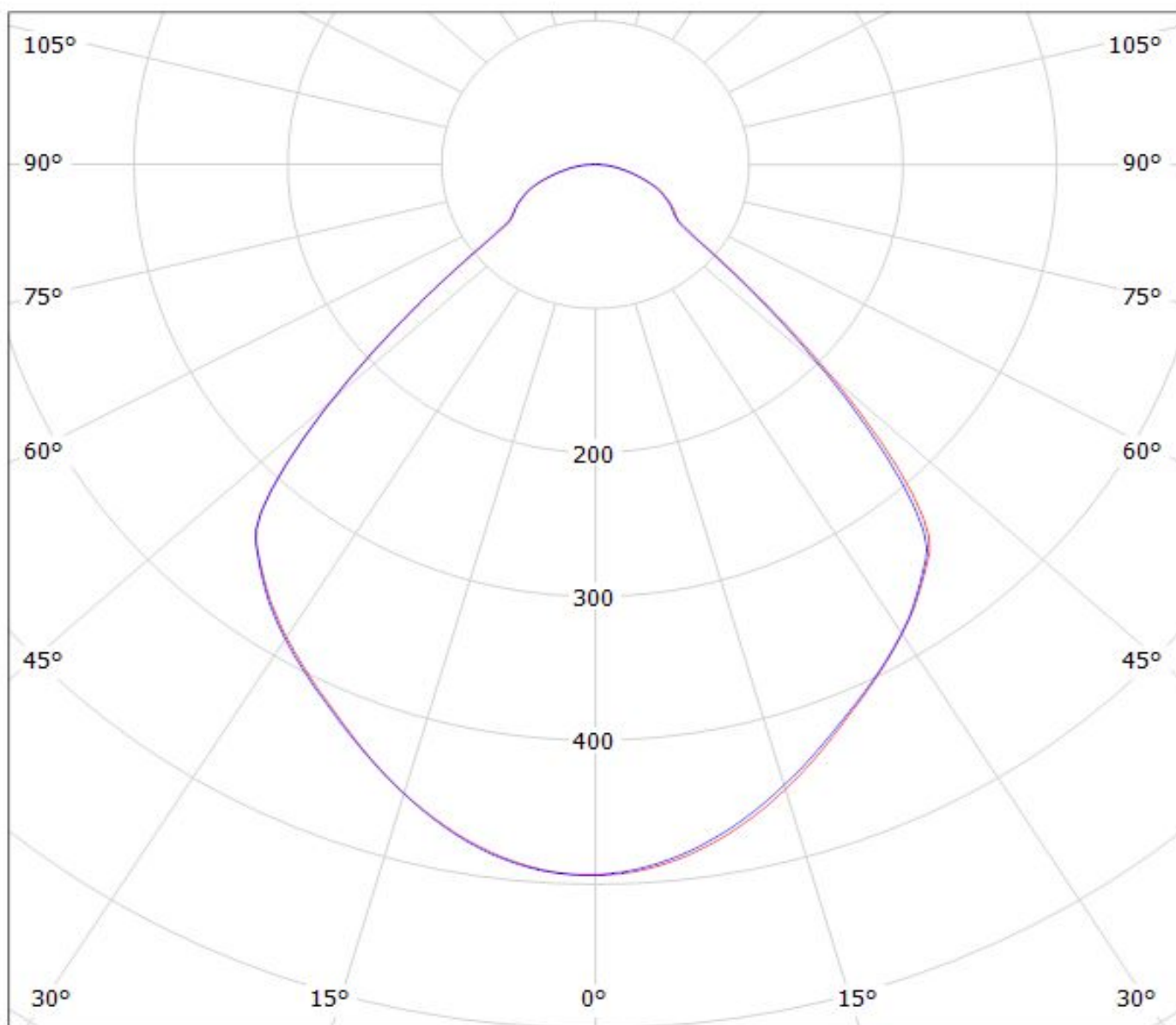
— C0 - C180

— C90 - C270

$\eta = 94\%$

Luminaire: LEDiL Oy F13838_ANGELINA-XW_(LES23) Eff.94.1%

Lamps: 1 x Tridonic_STARK_SLE_G2_LES23_955.501lm@250mA_P=8.34207W_I=249.8mA



cd/klm

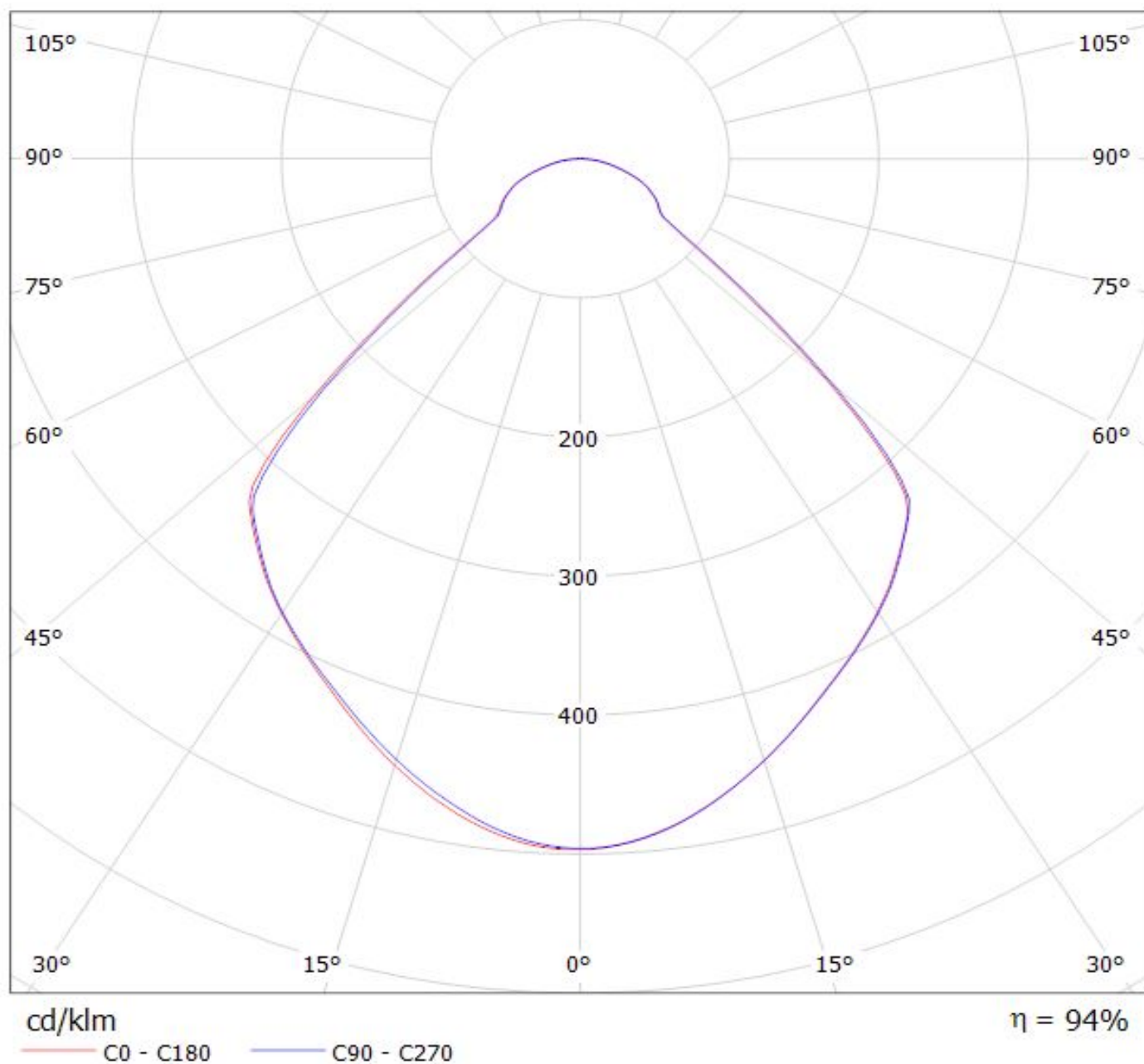
$\eta = 94\%$

— C0 - C180

— C90 - C270

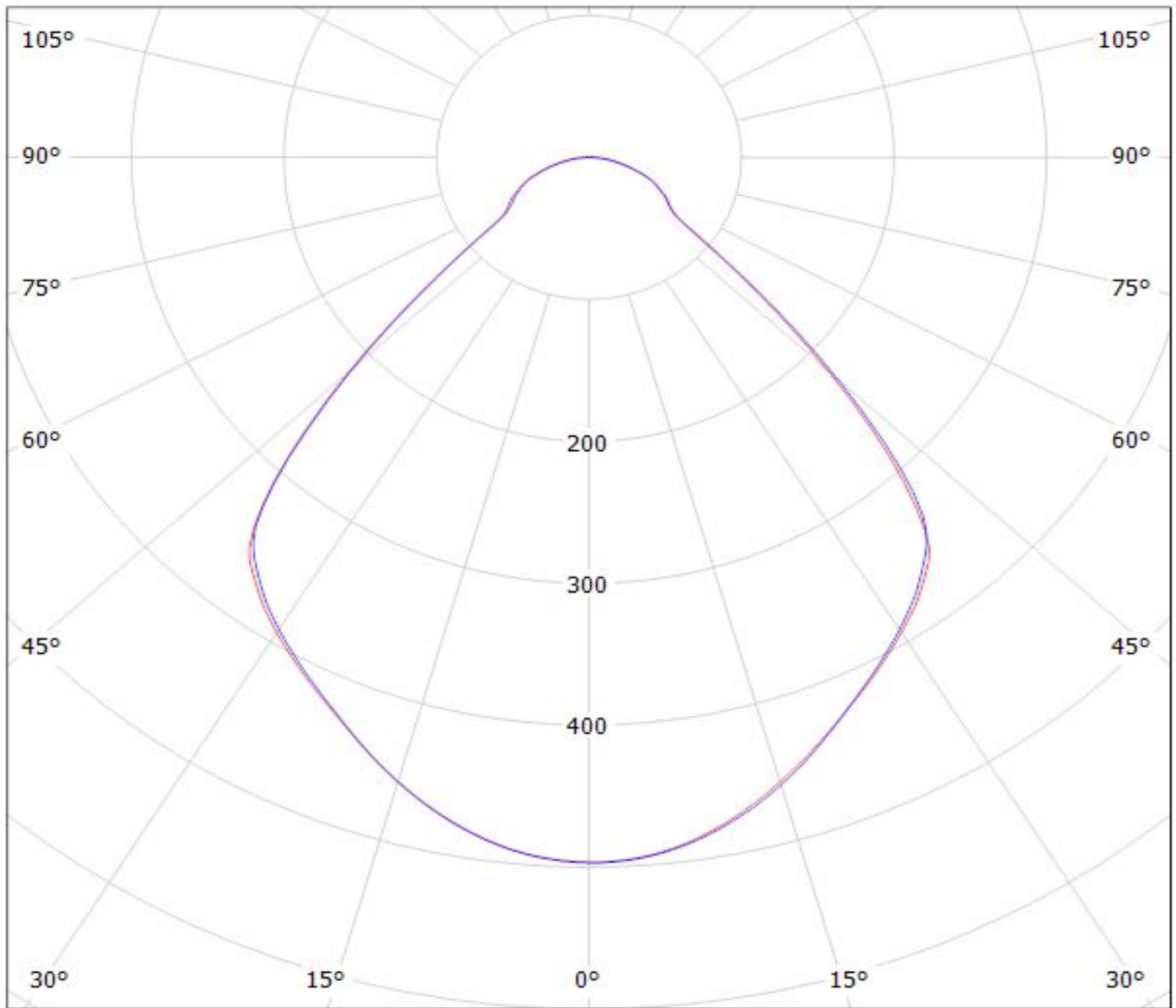
Luminaire: LEDiL Oy F13838_ANGELINA-XW_(LES19) Eff.94.4%

Lamps: 1 x Tridonic_STARK_SLE_G2_LES19_946.117lm@250mA_P=8.43263W_I=249.9mA



Luminaire: LEDiL Oy F13838_ANGELINA-XW_(SLE_G4_LES23)

Lamps: 1 x Tridonic_SLE_G4_LES23_1354.57lm@250mA_P=8.18744W_I=0.2498A



cd/klm

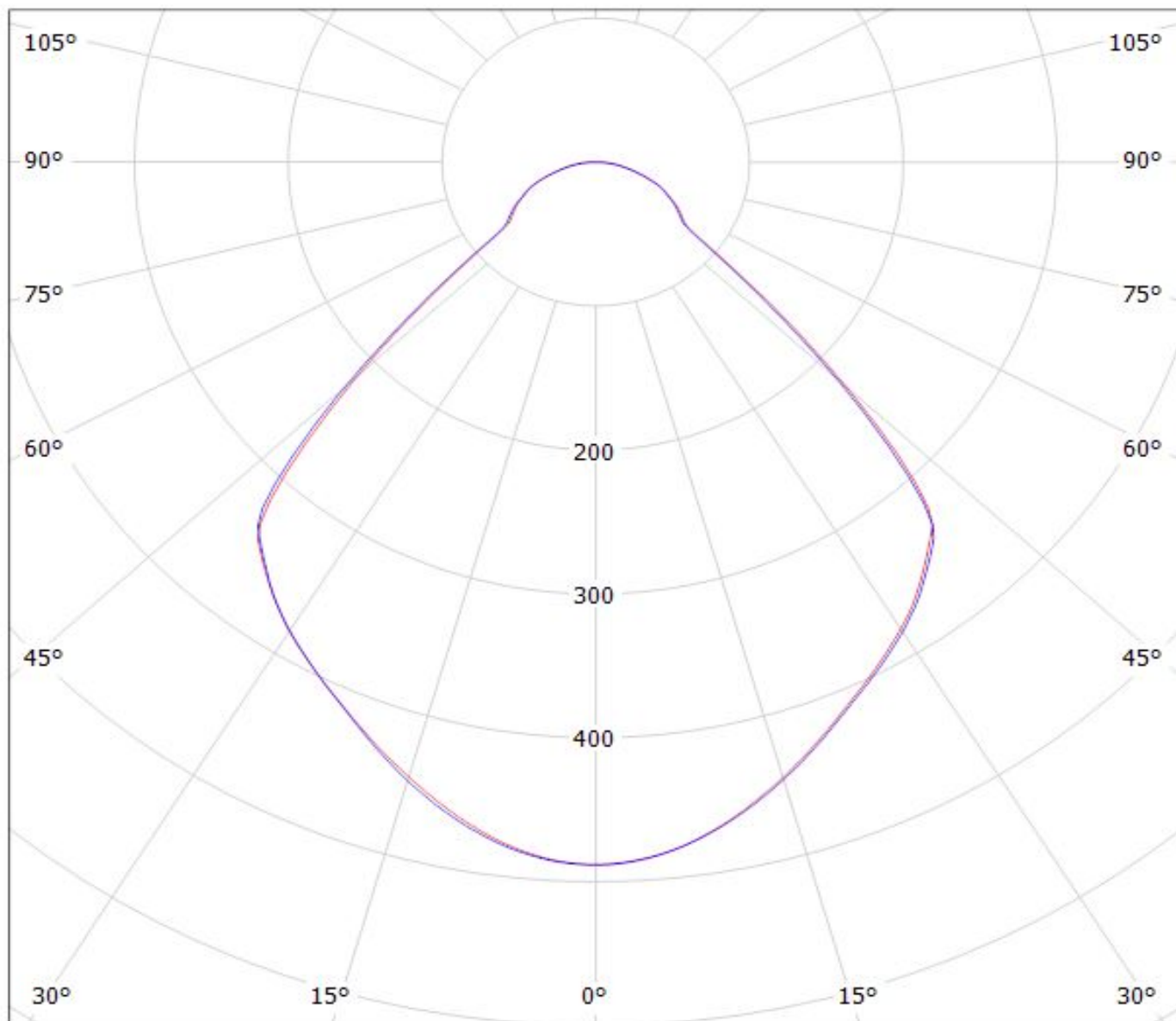
— C0 - C180

— C90 - C270

$\eta = 95\%$

Luminaire: LEDiL Oy F13838_ANGELINA-XW_(SLE GEN4 LES19)

Lamps: 1 x SLE GEN4 LES19_1226.28lm@250mA_P=8.21367W_I=0.2498A



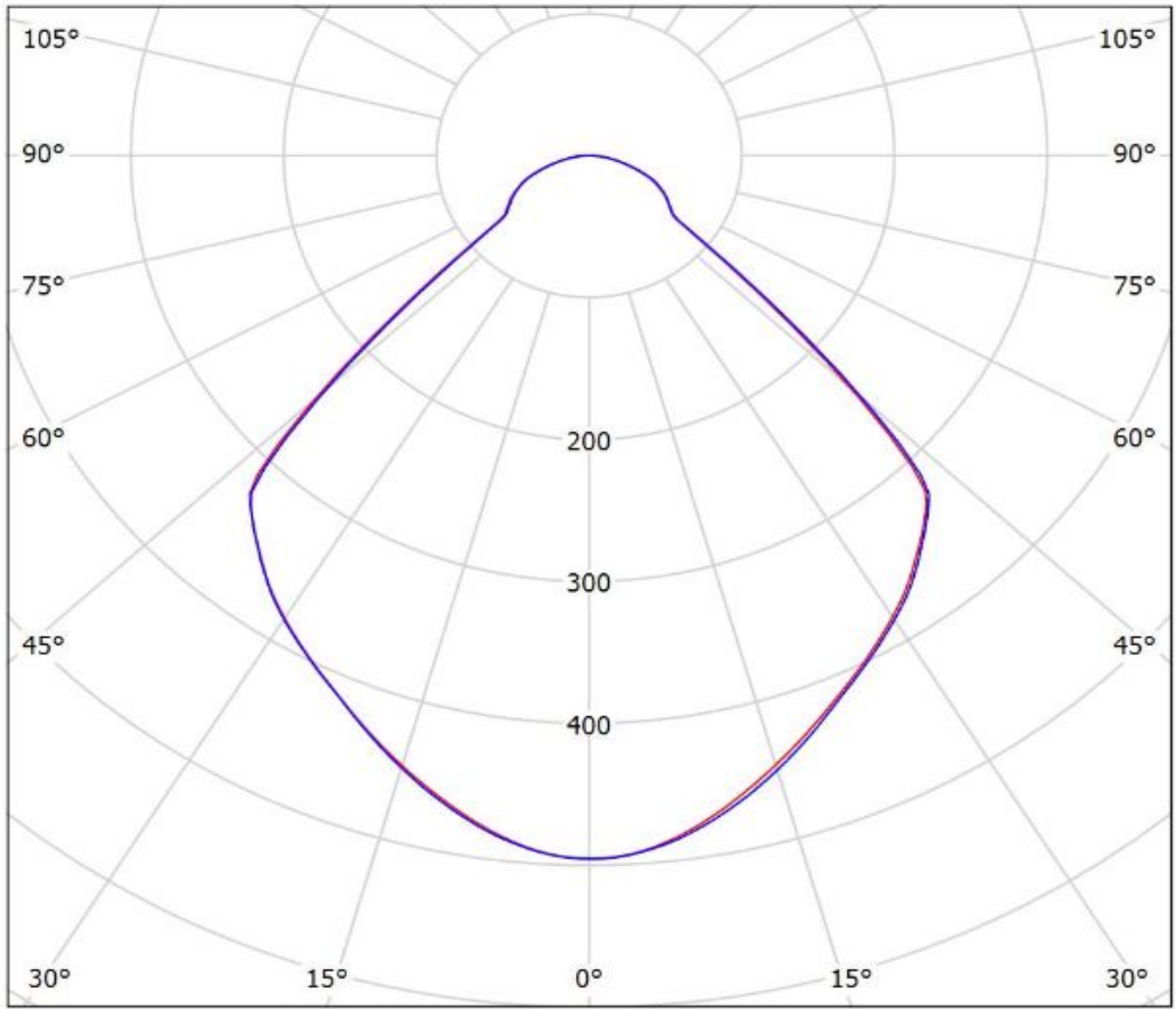
cd/klm

— C0 - C180

— C90 - C270

$\eta = 93\%$

Luminaire: LEDiL Oy F13838_ANGELINA-XW_(SLE-G5_LES-15)
Lamps: 1 x Tridonic_SLE-G5_LES-15_1247.09lm@250mA_P=8.6730W_I=0.250A

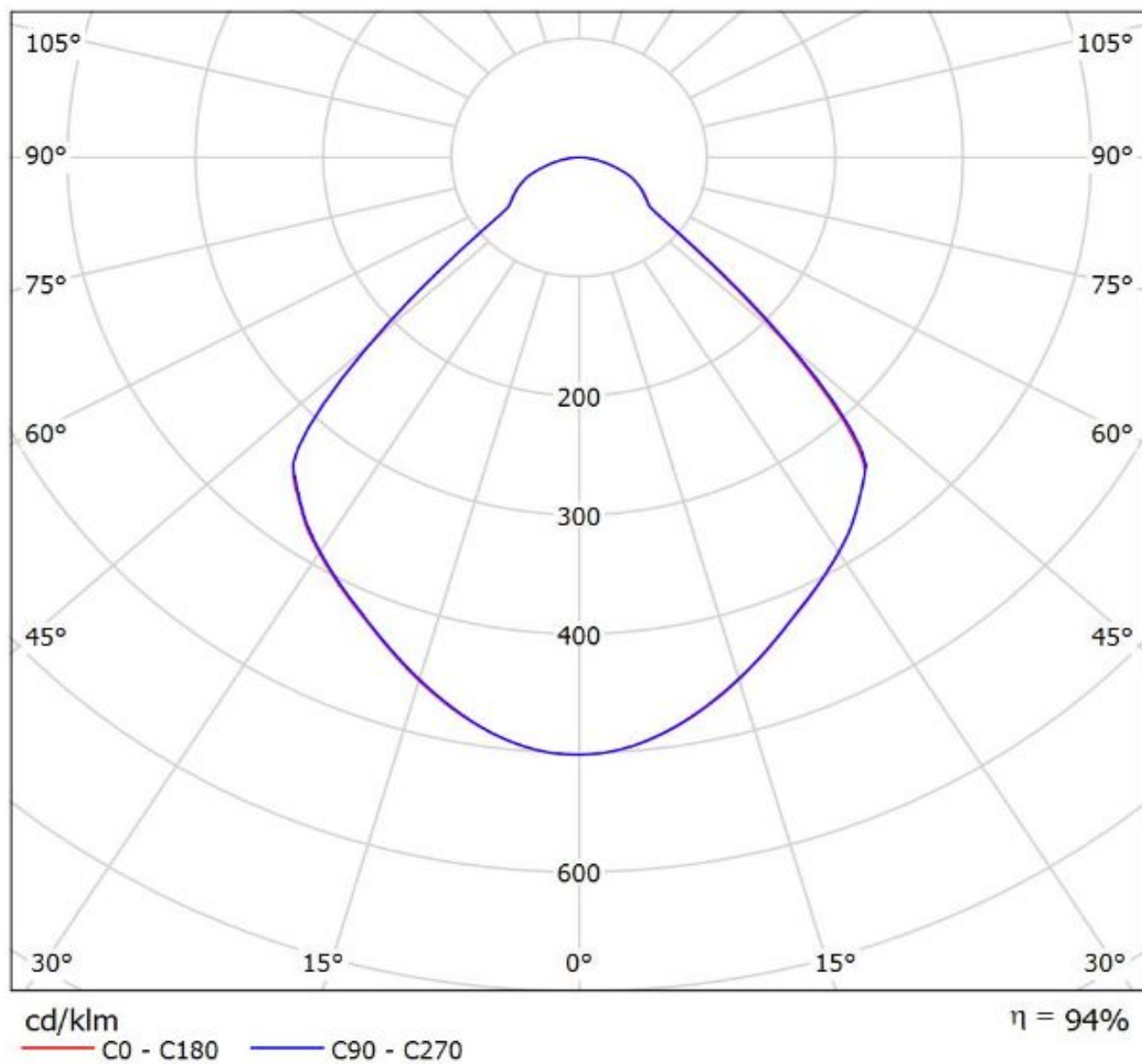


cd/klm
— C0 - C180 — C90 - C270

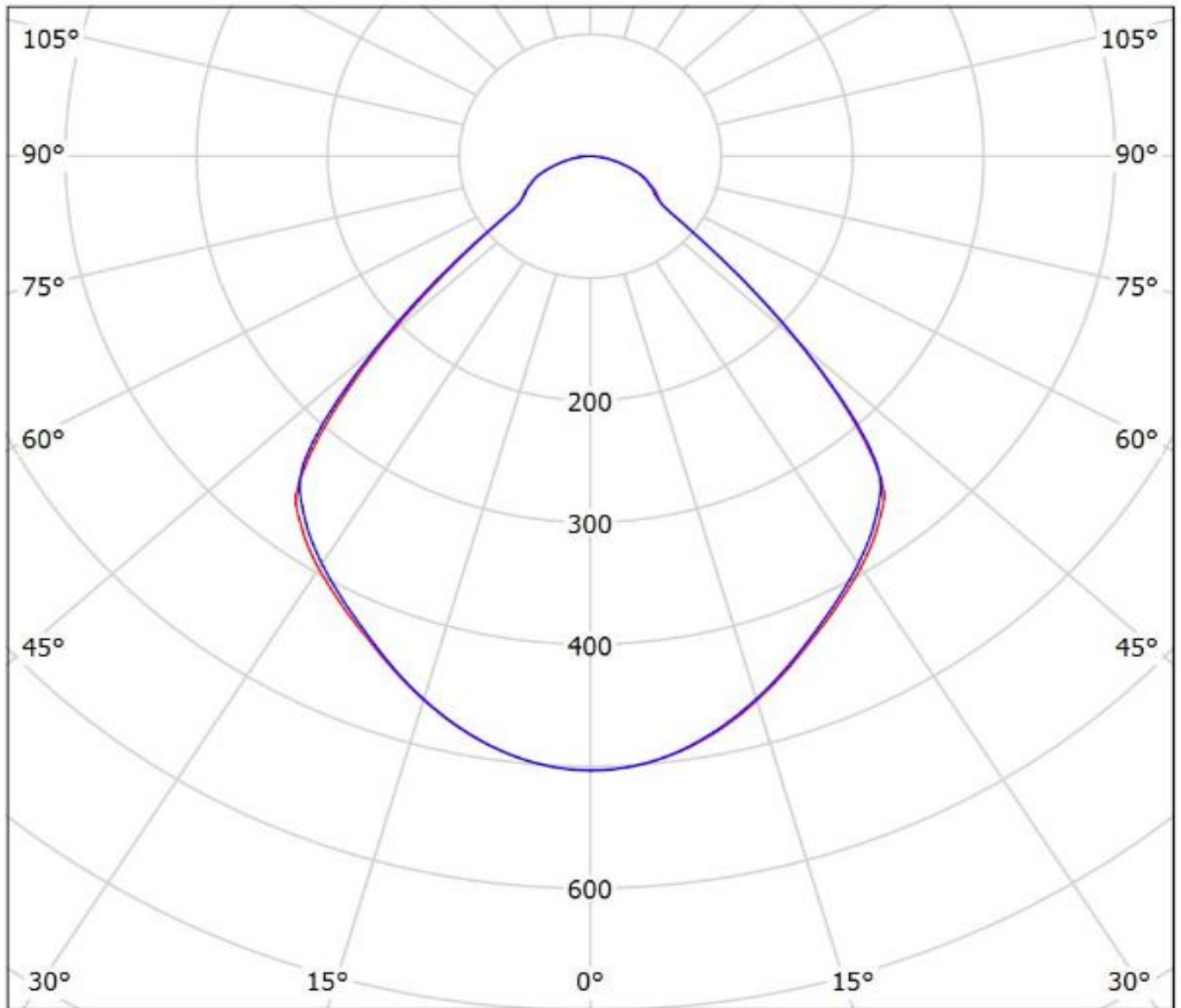
$\eta = 94\%$

Luminaire: LEDiL Oy F13838_ANGELINA-XW_(SLE-G5_LES-19)

Lamps: 1 x Tridonic_SLE-G5_LES-19_1287.79lm@250mA_P=8.2274W_I=0.250A



Luminaire: LEDiL Oy F13838_ANGELINA-XW_(SLE-G5_LES-23)
Lamps: 1 x Tridonic_SLE-G5_LES-23_1303.96lm@250mA_P=8.1062W_I=0.250A



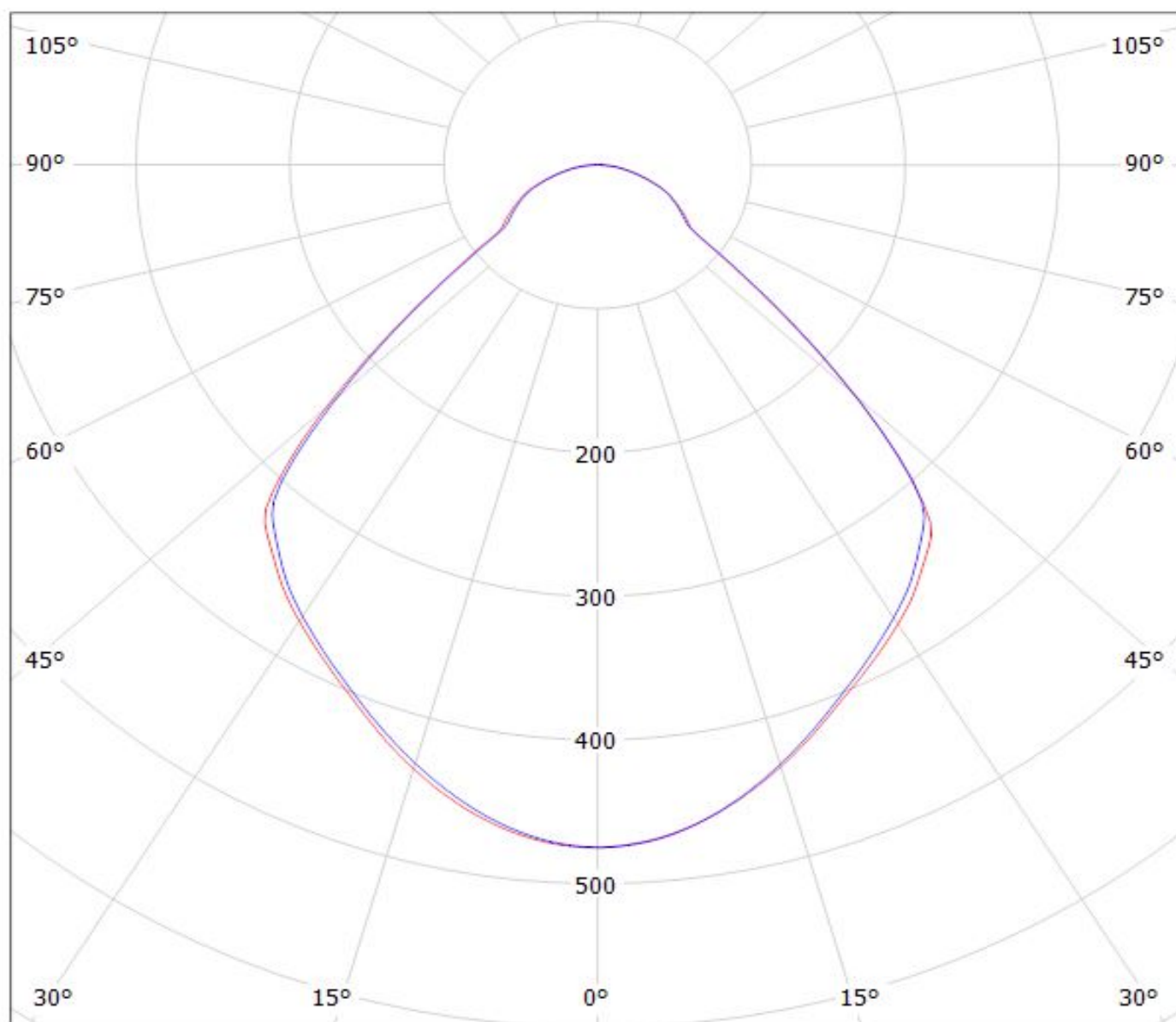
cd/klm

— C0 - C180 — C90 - C270

$\eta = 95\%$

Luminaire: LEDiL Oy F13838_ANGELINA-XW_(WU-M-464) Eff.94.1%

Lamps: 1 x VOSSLOH_WU-M-464-827_1452.09lm@250mA_P=11.7139W_I=249.8mA



cd/klm

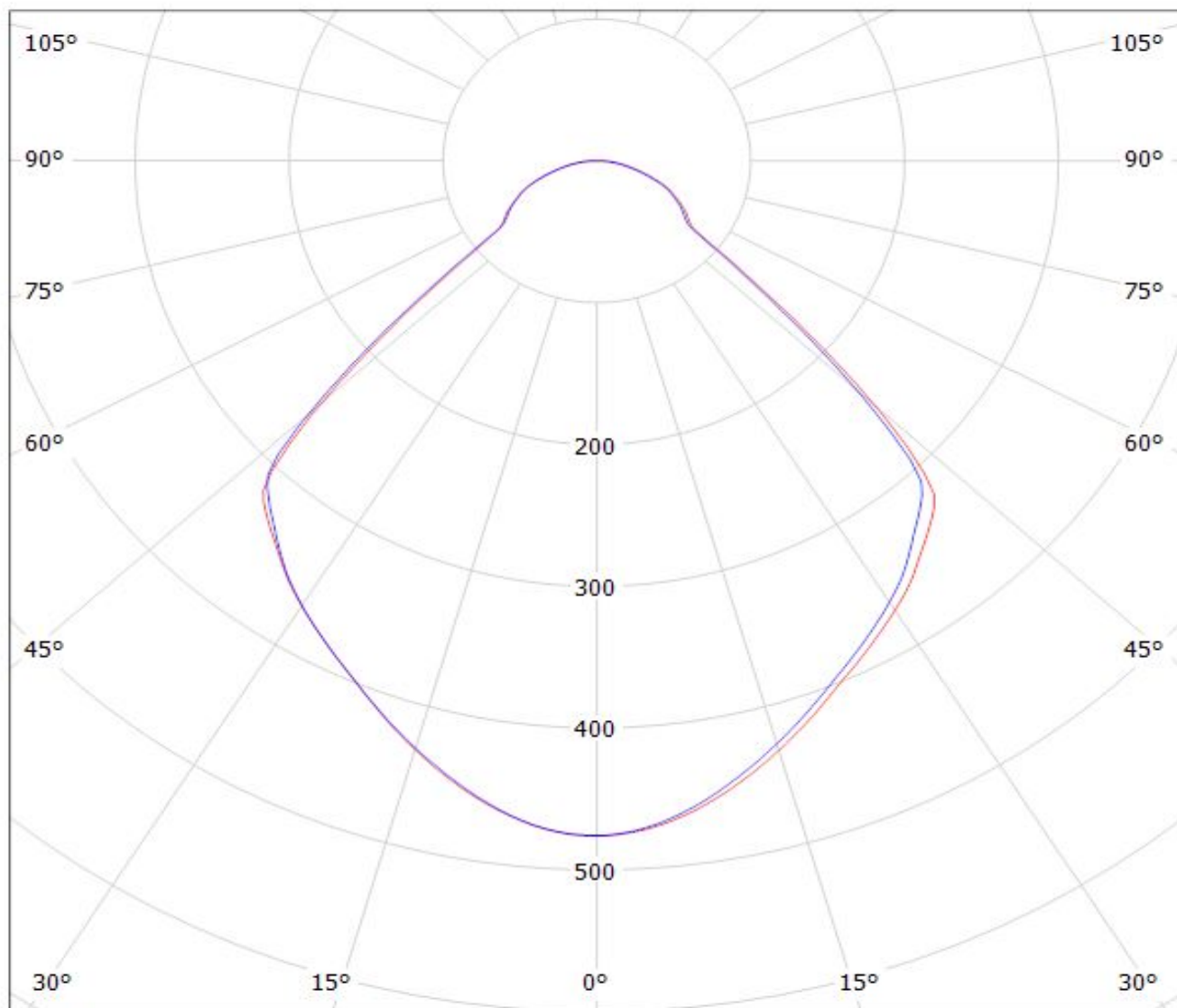
— C0 - C180

— C90 - C270

$\eta = 94\%$

Luminaire: LEDiL Oy F13838_ANGELINA-XW_(WU-M-484)

Lamps: 1 x Vossloh_Schwabe-WU-M-484_(WU-M-484-830)_657.125lm@250mA_P=5.59976W_η=249.9mA



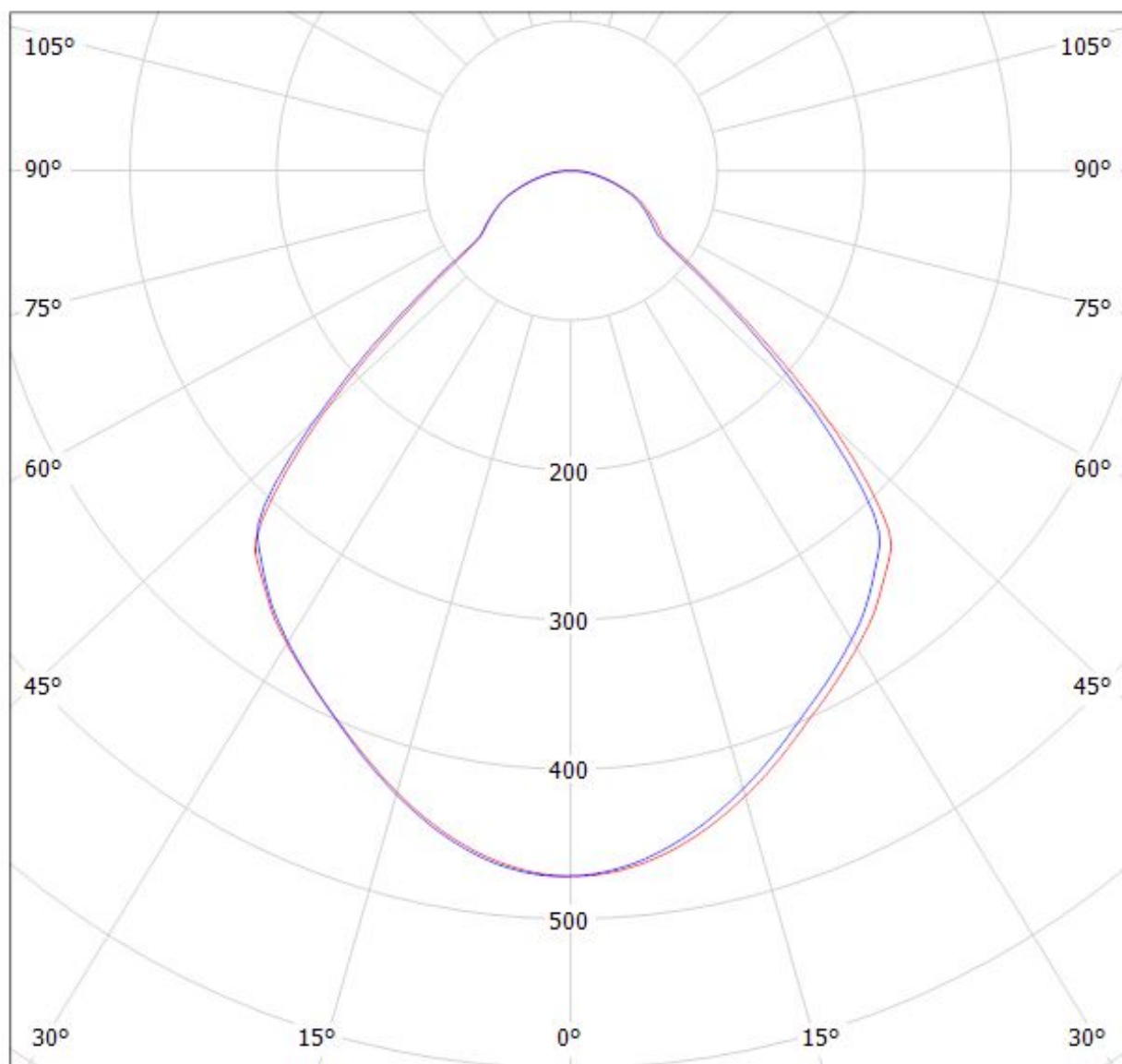
cd/klm

$\eta = 94\%$

— C0 - C180 — C90 - C270

Luminaire: LEDiL Oy F13838_ANGELINA-XW_(WU-M-485)

Lamps: 1 x Vossloh_Schwabe-WU-M-485_(WU-M-485-830)_1209.62lm@250mA_P=8.43849W_I=249.8mA

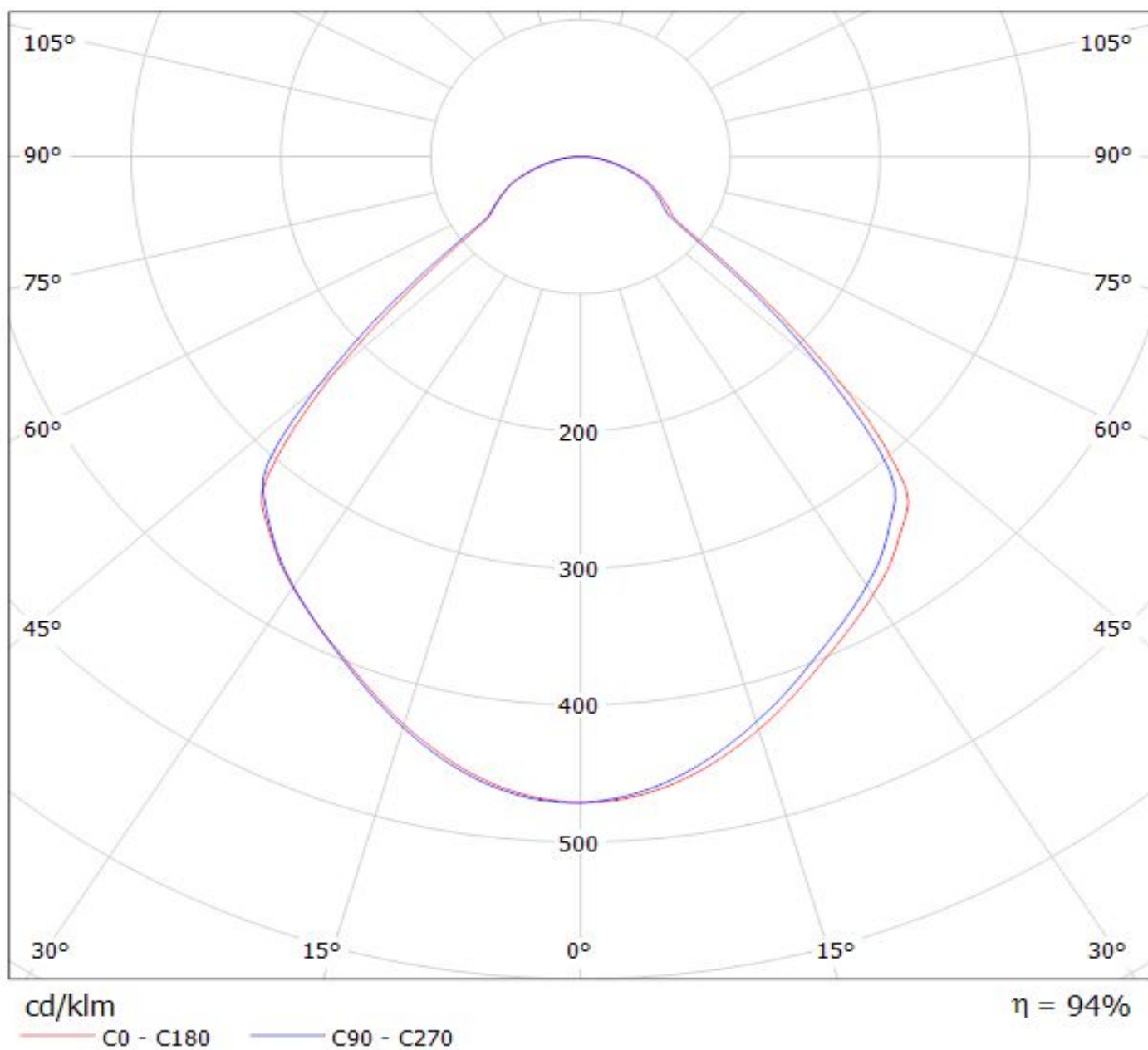


cd/klm

— C0 - C180 — C90 - C270

$\eta = 94\%$

Luminaire: LEDiL Oy F13838_ANGELINA-XW_(WU-M-486) Eff.93.5%
Lamps: 1 x Vossloh_Schwabe-WU-M-486_(WU-M-486-830)
_1474.55lm@250mA_P=10.4456W_I=249.8mA



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.

GENERAL INFORMATION

- Product series especially designed & optimized for series of LEDs.
- Special care taken to make light distribution as uniform as possible.

Note! Due to use of high power COB's with this product, special attention to proper thermal design is highly recommended. LEDiL has no liability for direct, indirect or consecutive damages arising from the LEDiL products being used outside of the recommended temperature range.