

PRODUCT DATASHEET

ANGELINA series

last update 11/7/2014

DETAILS

Product Number	F13325_ANGELINA-S
Family	ANGELINA
Type	Reflector
Color	metal
Diameter	82 mm
Height	31 mm
Style	round
Optic Material	PC
Holder Material	
Fastening	
Status	ready
ROHS Compliant	Yes
Date Updated	13/06/2014

OPTICAL PROPERTIES

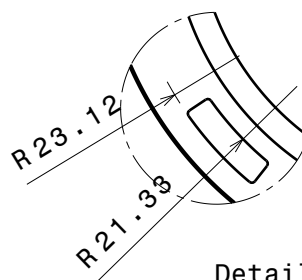
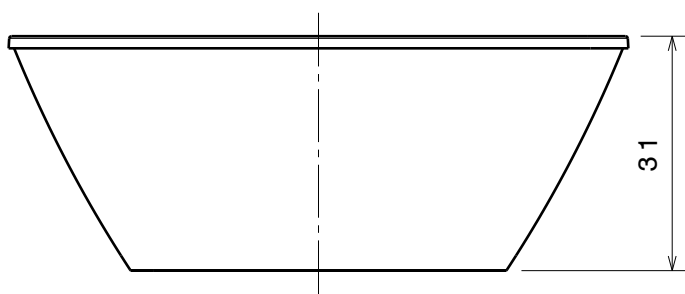
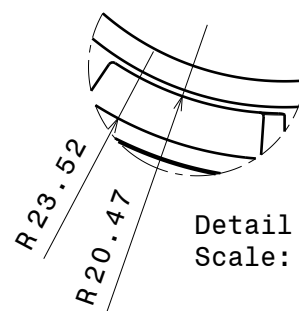
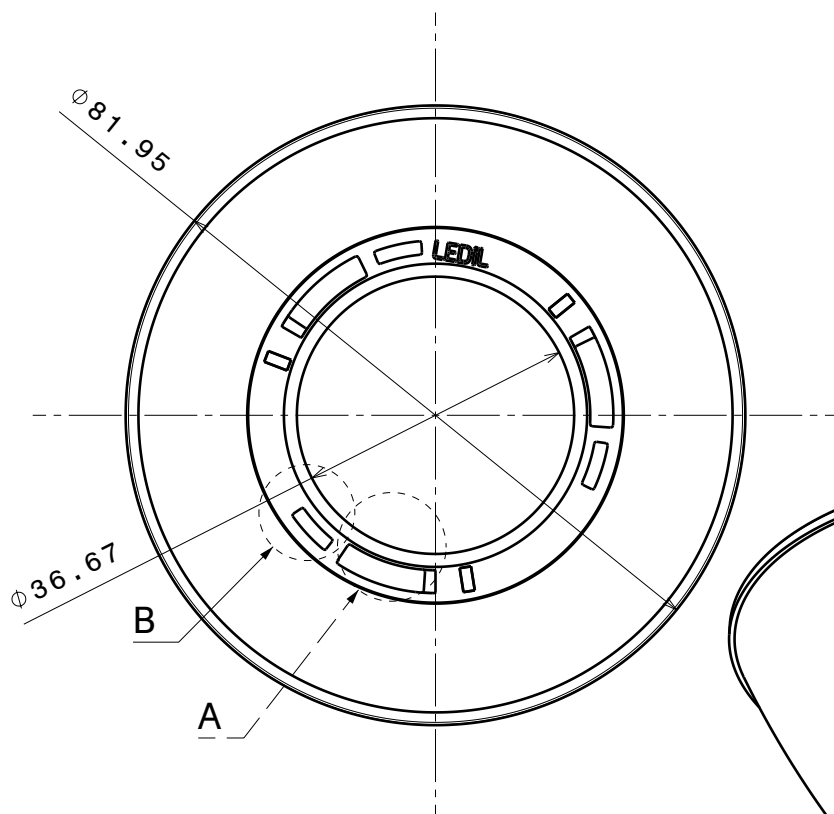
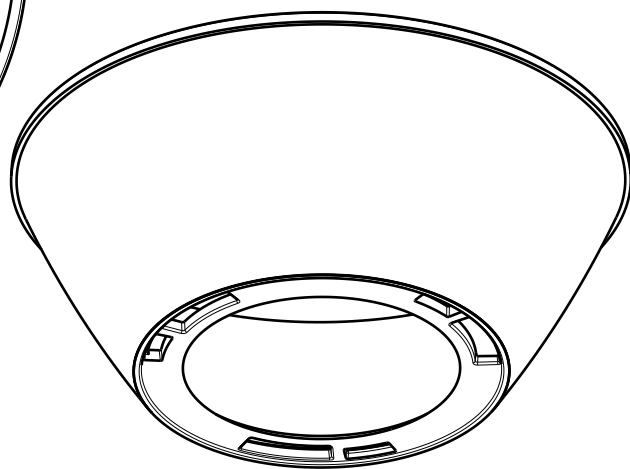
	Viewing	Light	Effi-		
LED	Angle	Beam	ciency	cd/lm	Connector
PrevaLED Core Z3 LES9	14 deg	Spot	94 %	3.800	TE: Z50 Optic Clip part nr. 2213194-1
Fortimo LED SLM L9 G4 standard	15 deg	Spot	94 %	3.400	TE: Z50 Optic Clip part nr. 2213194-1
CLU720	15 deg	Spot	94 %	3.100	IDEAL: 50-2103CT + Angela(50-2100AN)
PrevaLED Core AC (LEP-800)	16 deg	Spot	94 %	3.100	TE: Z50 Optic Clip part nr. 2213194-1
CXA/B 1816 & CXA/B 1820 & CXA 1850	16 deg	Spot	94 %	3.290	IDEAL: 50-2101CR + Angela(50-2100AN)
L121A/L060B/L024Z	16 deg	Spot	91 %	3.080	IDEAL: 50-2100NC + Angela(50-2100AN)
CLU720	17 deg	Spot	94 %	2.700	TE: part nr. 2213254-2 + Z50 Optic Clip part nr. 2213194-1
BXRA ES Rectangle	17 deg	Spot	94 %	3.000	IDEAL: 50-2100BL + Angela(50-2100AN)
LUXEON CoB 1204/1205	17 deg	Spot	94 %	2.980	IDEAL: 50-2100SH + Angela(50-2100AN)
COB 10W/13W/17W/24W	17 deg	Spot	94 %	3.020	IDEAL: 50-2100LG + Angela(50-2100AN)
Fortimo LED SLM L13 G4 standard	18 deg	Spot	94 %	2.900	TE: Z50 Optic Clip part nr. 2213194-1
LUXEON CoB 1204/1205	19 deg	Spot	94 %	3.100	TE: part nr. 2213130-2 + Z50 Optic Clip part nr. 2213194-1
CLL03x/CLU034	19 deg	Spot	94 %	2.710	IDEAL: 50-2103CT + Angela(50-2100AN)
Soleriq P13	20 deg	Spot	93 %	2.510	TE: part nr. 2213401-2 + Z50 Optic Clip part nr. 2213194-1
Soleriq S13	20 deg	Spot	94 %	2.800	TE: part nr. 2213401-2 + Z50 Optic Clip part nr. 2213194-1
LUXEON K12	20 deg	Spot	94 %	2.660	TE: part nr. 2213134-2 + Z50 Optic Clip part nr. 2213194-1
CXM-14	20 deg	Spot	94 %	2.530	TE: part nr 2213254-2 + Z50 Optic Clip part nr. 2213194-1
Fortimo LED SLM L15 G4 standard	20 deg	Spot	93 %	2.400	TE: Z50 Optic Clip part nr. 2213194-1
Mega Zenigata (GW6DME)	20 deg	Spot	94 %	2.650	IDEAL: 50-2100SH + Angela(50-2100AN)
LUXEON CoB 1208	20 deg	Spot	94 %	2.610	IDEAL: 50-2100SH + Angela(50-2100AN)
J216A/J130B/J108B/J048Z	20 deg	Spot	94 %	2.530	IDEAL: 50-2103NC + Angela(50-2100AN)
WU-M-461	20 deg	Spot	94 %	2.660	TE: Z50 Optic Clip part nr. 2213194-1
WU-M-484	21 deg	Spot	93 %	2.430	TE: Z50 Optic Clip part nr. 2213194-1
Mega Zenigata (GW6DME)	21 deg	Spot	92 %	2.770	TE: part nr. 2213130-2 + Z50 Optic Clip part nr. 2213194-1
PrevaLED Core Z4 LES19	21 deg	Spot	94 %	2.300	TE: Z50 Optic Clip part nr. 2213194-1

D

C

B

A

Detail B
Scale: 2:1Detail A
Scale: 2:1

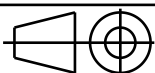
INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1		ANGELINA	PC	metal

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

ANGELINA series Reflector

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

SIZE

A4

PART NUMBER

-

SCALE

1:1

WEIGHT

-

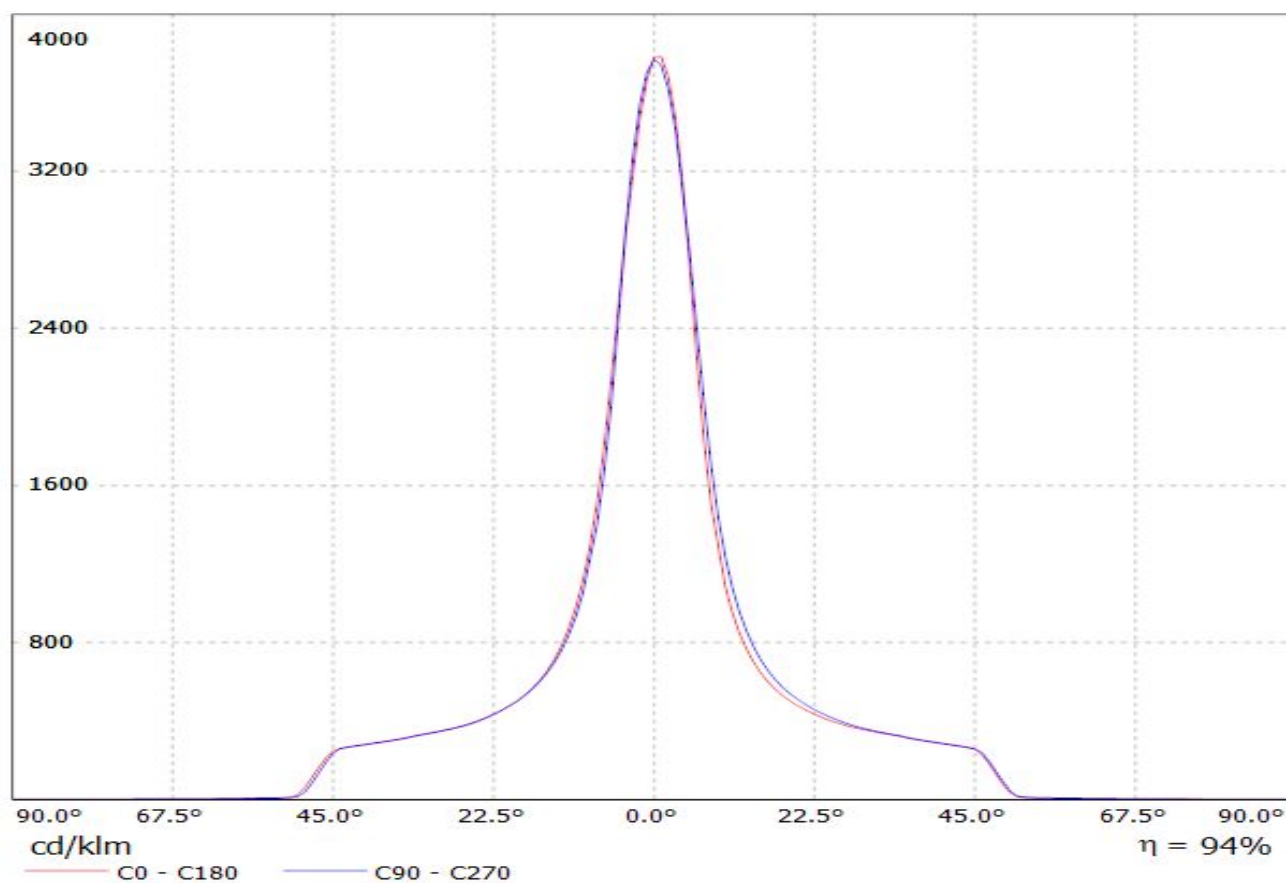
SHEET

1/1

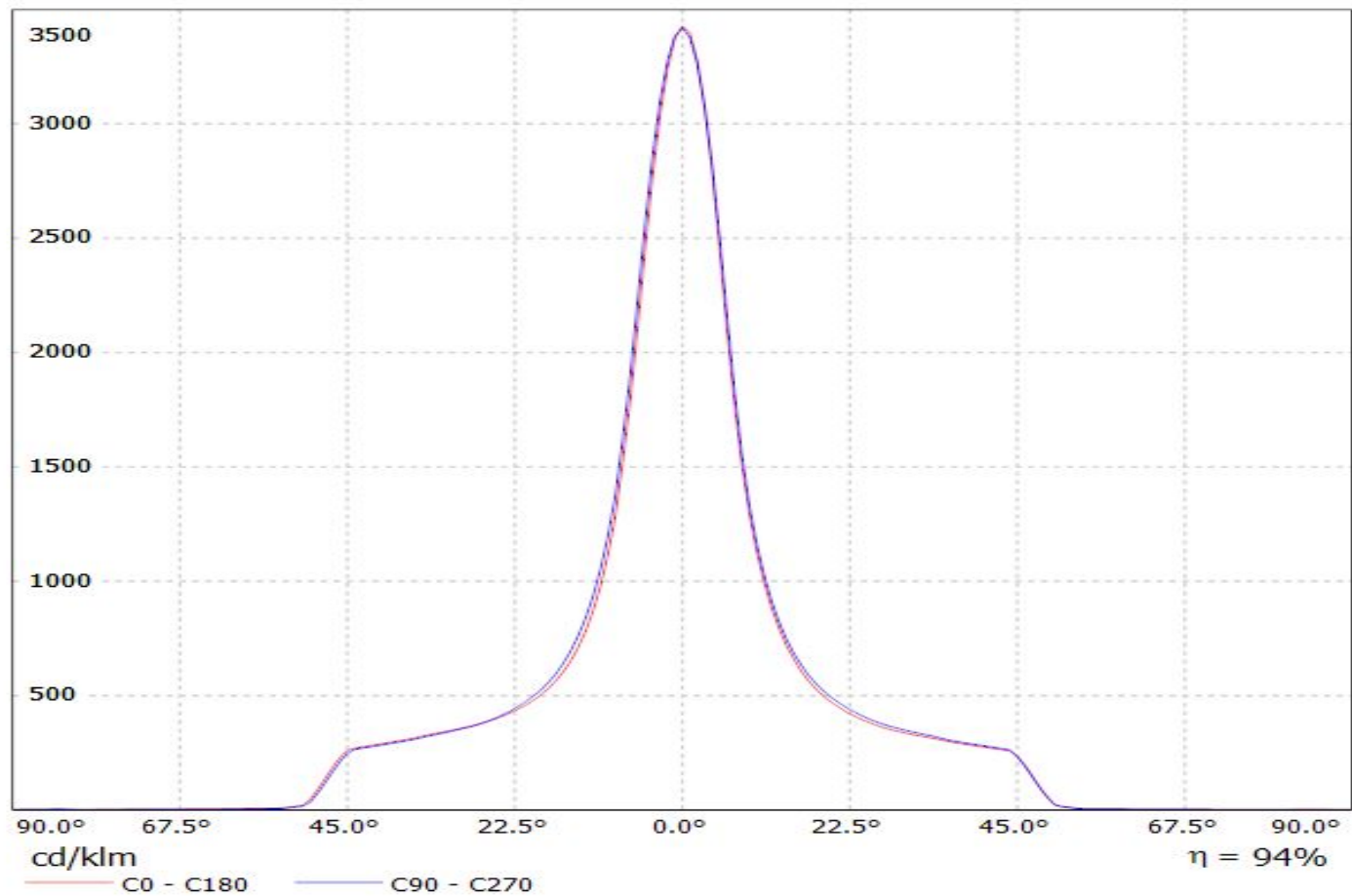
D

A

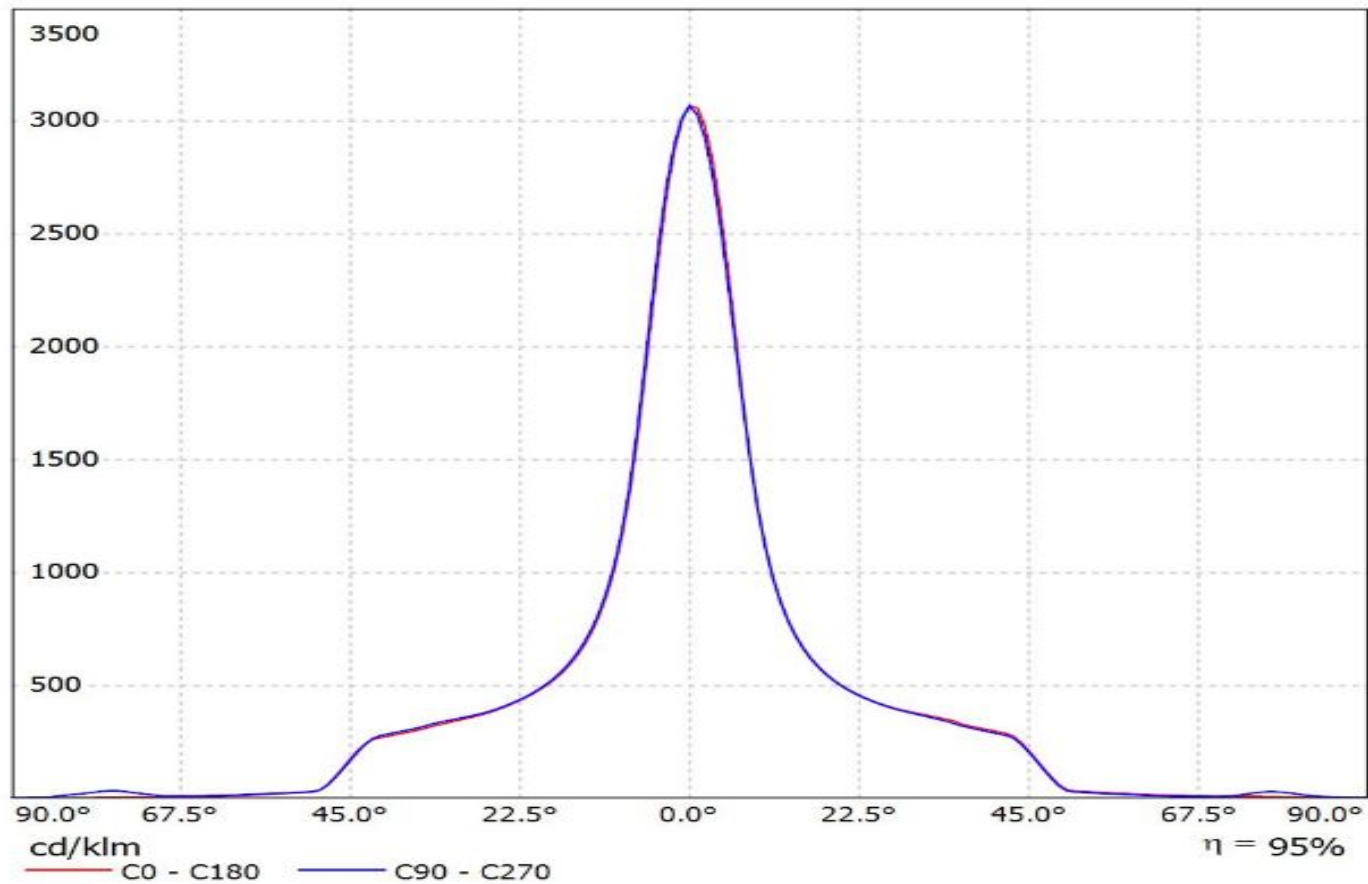
Luminaire: LEDiL Oy F13325_ANGELINA-S_(PrevaLED_LES9) Eff. 94%
Lamps: 1 x PrevaLED_LES9_(PL-CORE-1100-830-Z3)_507.9lm@100mA_P=4.5039W_I=100.1mA



Luminaire: LEDiL Oy F13325_ANGELINA-S_(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

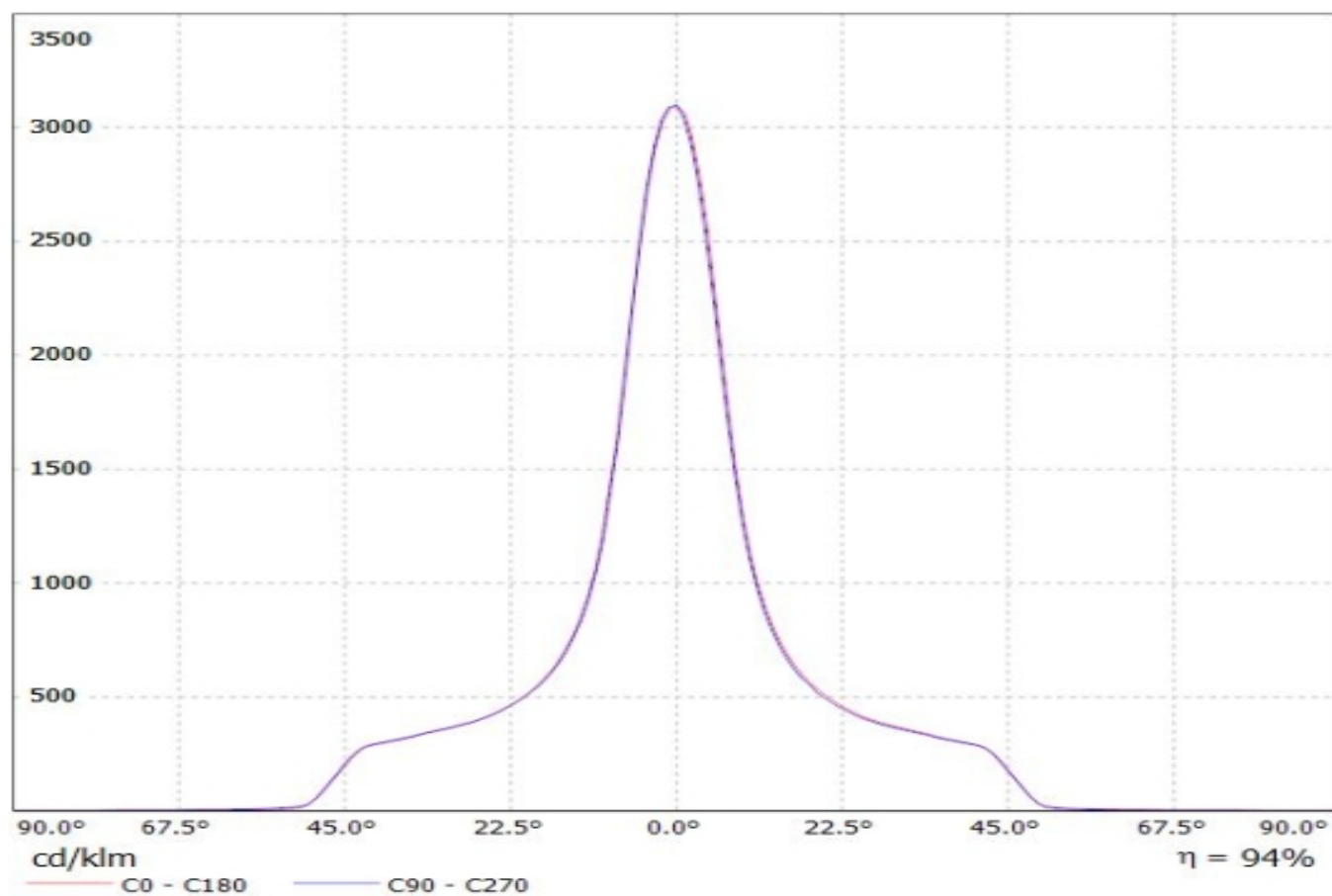


Luminaire: Ledil F13325_ANGELINA-S_(CLU720)
Lamps: 1 x CITIZEN_CLU720_(CLU720-1206B8-273M2)
_1337.27lm@250mA_CCT=2700K_P=8.35W_I=0.25A

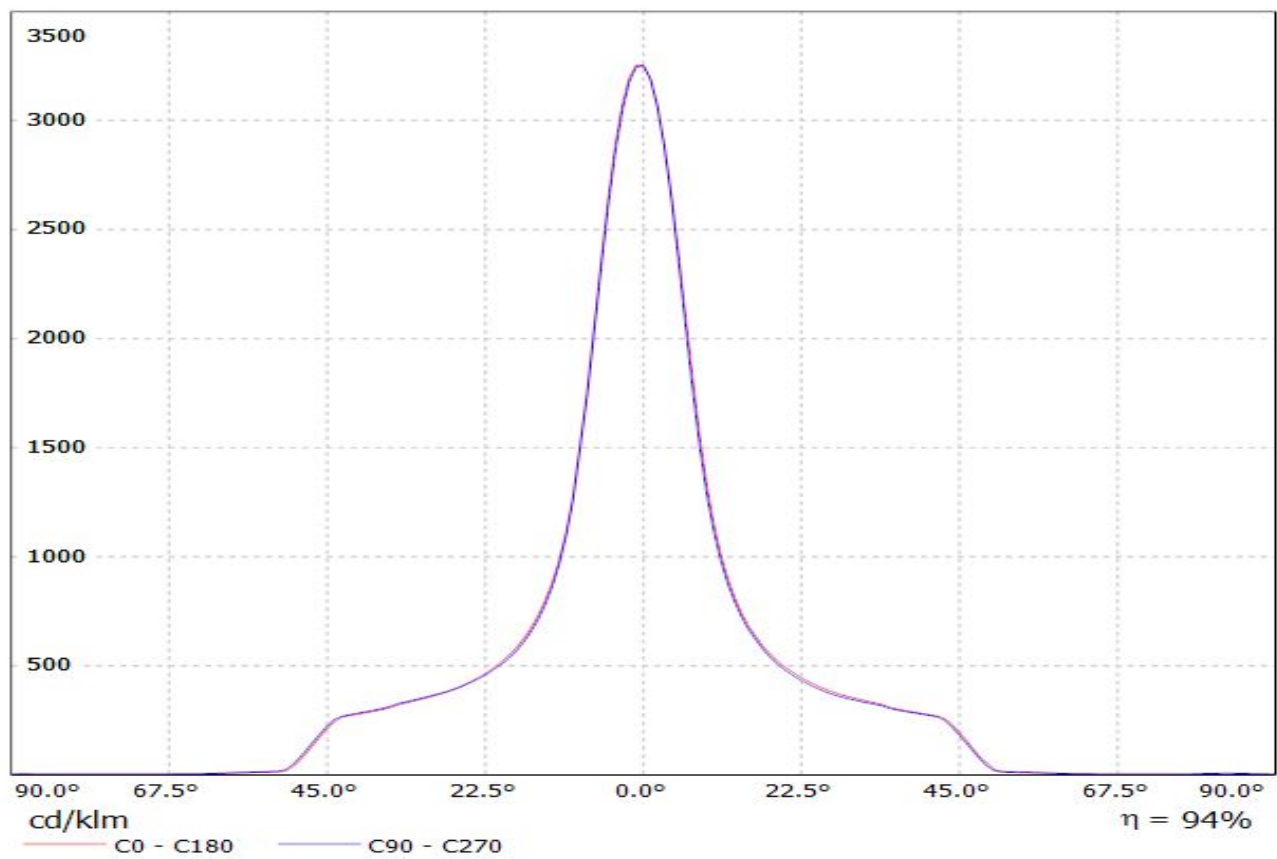


Luminaire: LEDiL Oy F13325_ANGELINA-S_(LEP-800-827-C-AC)

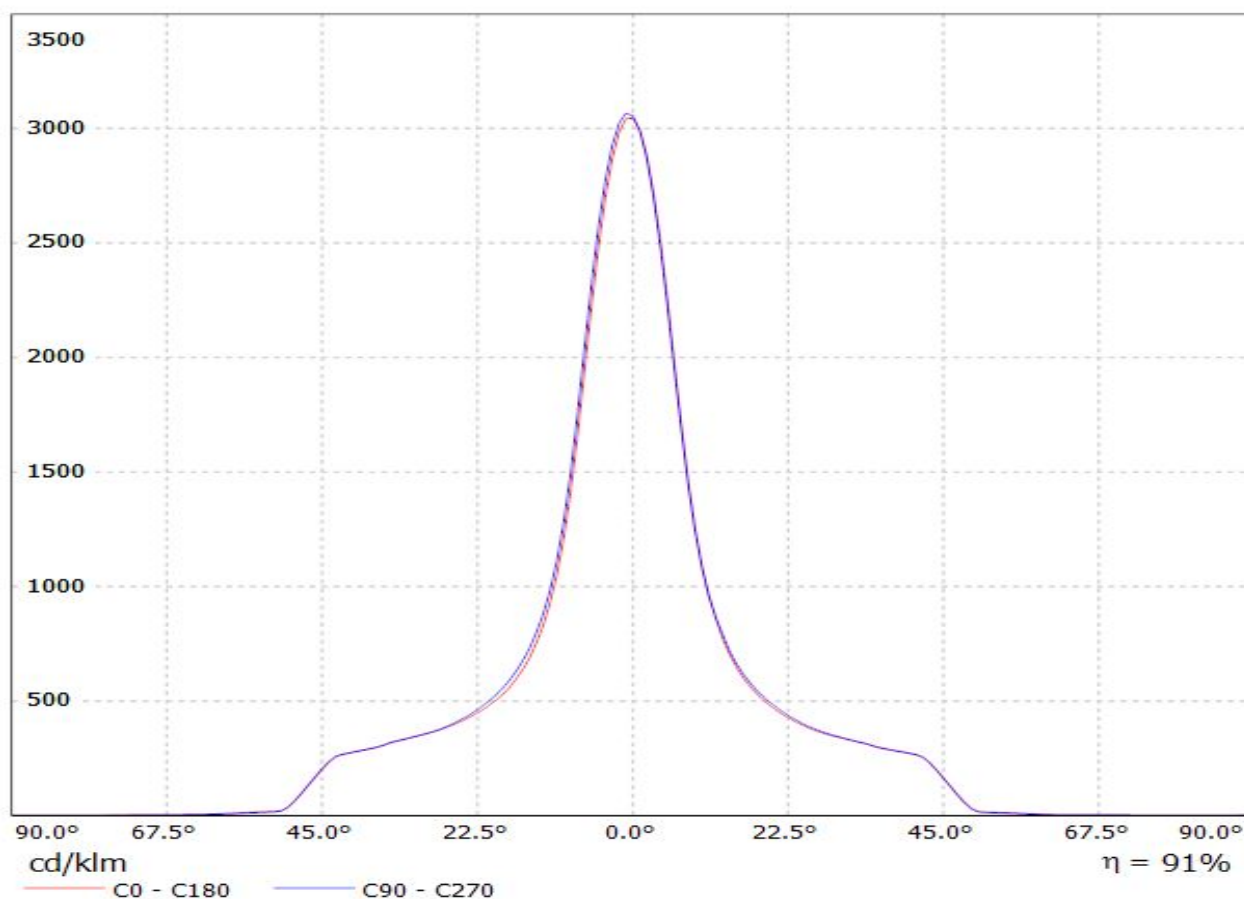
Lamps: 1 x OSRAM PrevaLED Core AC (LEP-800-827-C-AC) 910lm@60mA U:230V P:14W



Luminaire: LEDiL Oy F13325_ANGELINA-S_(CXA1816) Eff. 94%
Lamps: 1 x CREE_CXA1816_1050lm@250mA_P=8.65157W_I=249.9mA

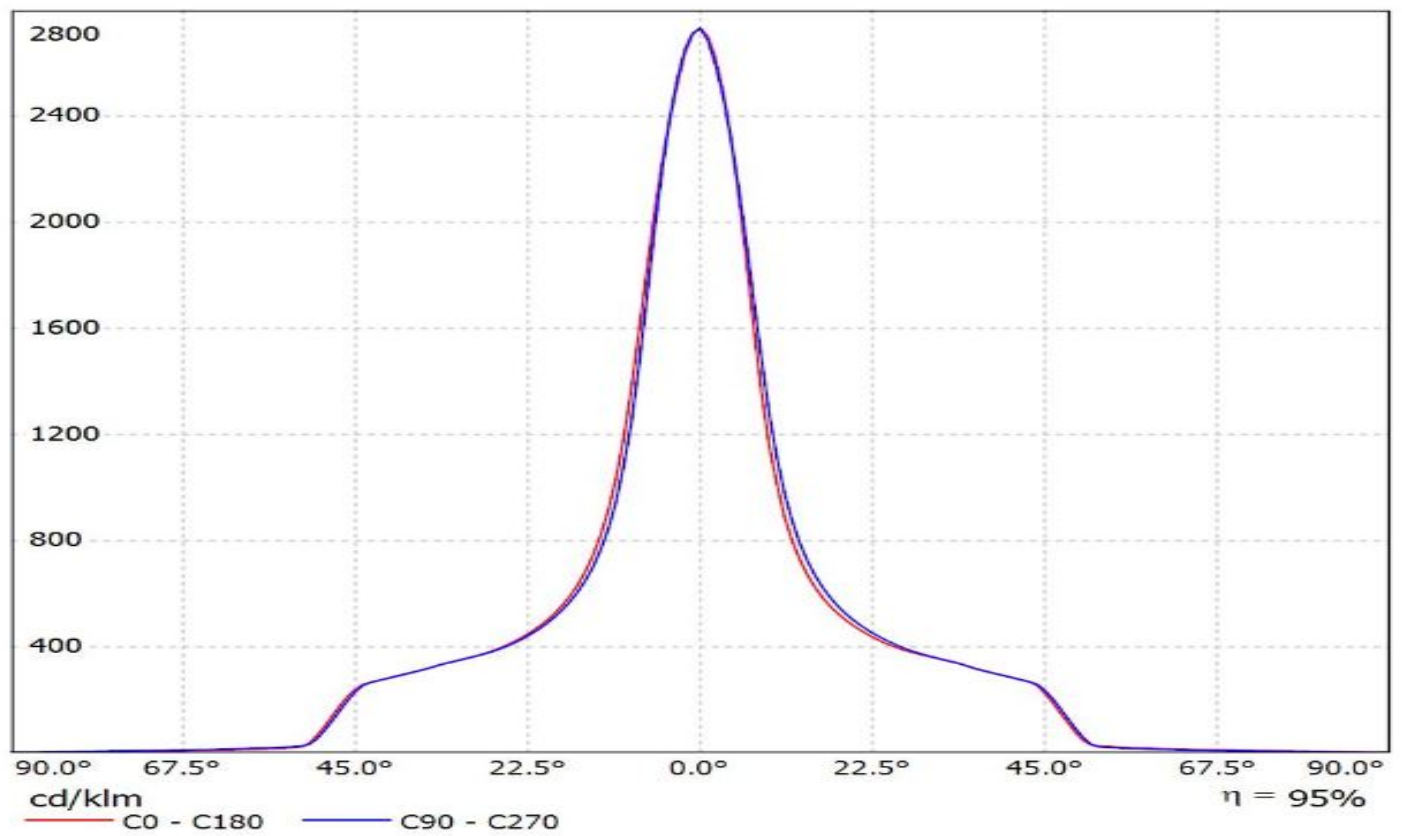


Luminaire: LEDiL Oy F13325_ANGELINA-S_(NSBxL121A) Eff.91.2%
Lamps: 1 x NICHIA_NSBxL121A_(NSBLL121AE)_805.561lm@250mA_CCT=3000K_P=7.3681W_I=249.8mA

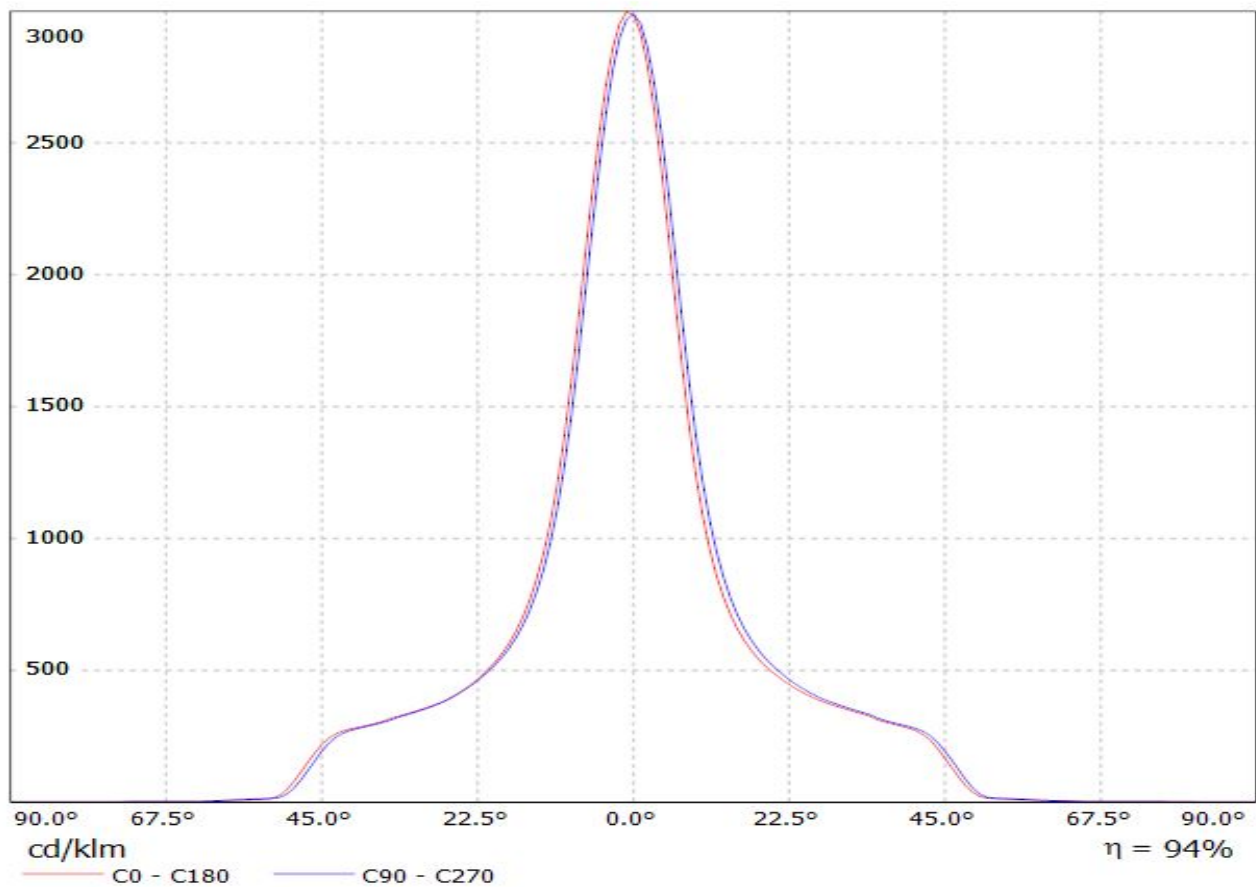


Ledil F13325_ANGELINA-S_(CLU720) / LDC (Linear)

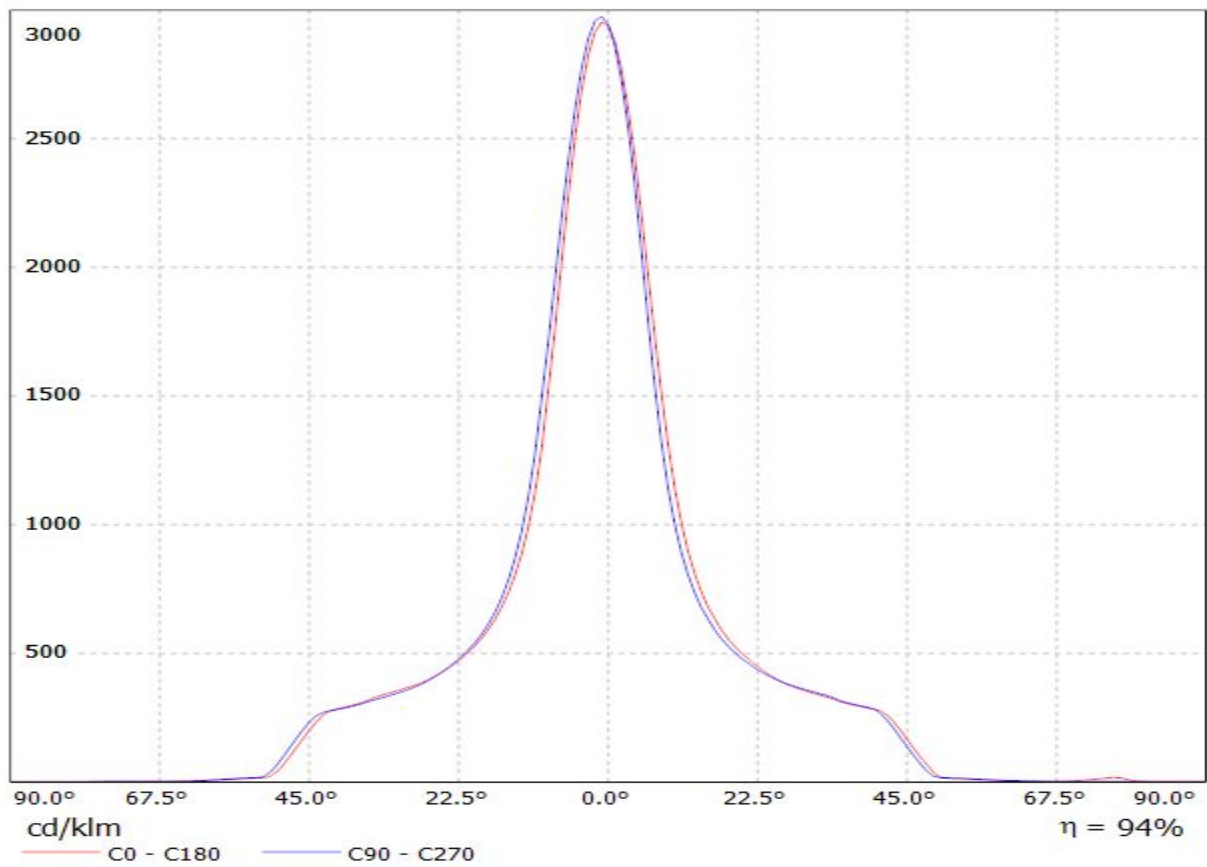
Luminaire: Ledil F13325_ANGELINA-S_(CLU720)
Lamps: 1 x CITIZEN_CLU720_(CLU720-1206B8-273M2)
_1340.38lm@250mA_CCT=2700K_P=8.35W_I=0.25A



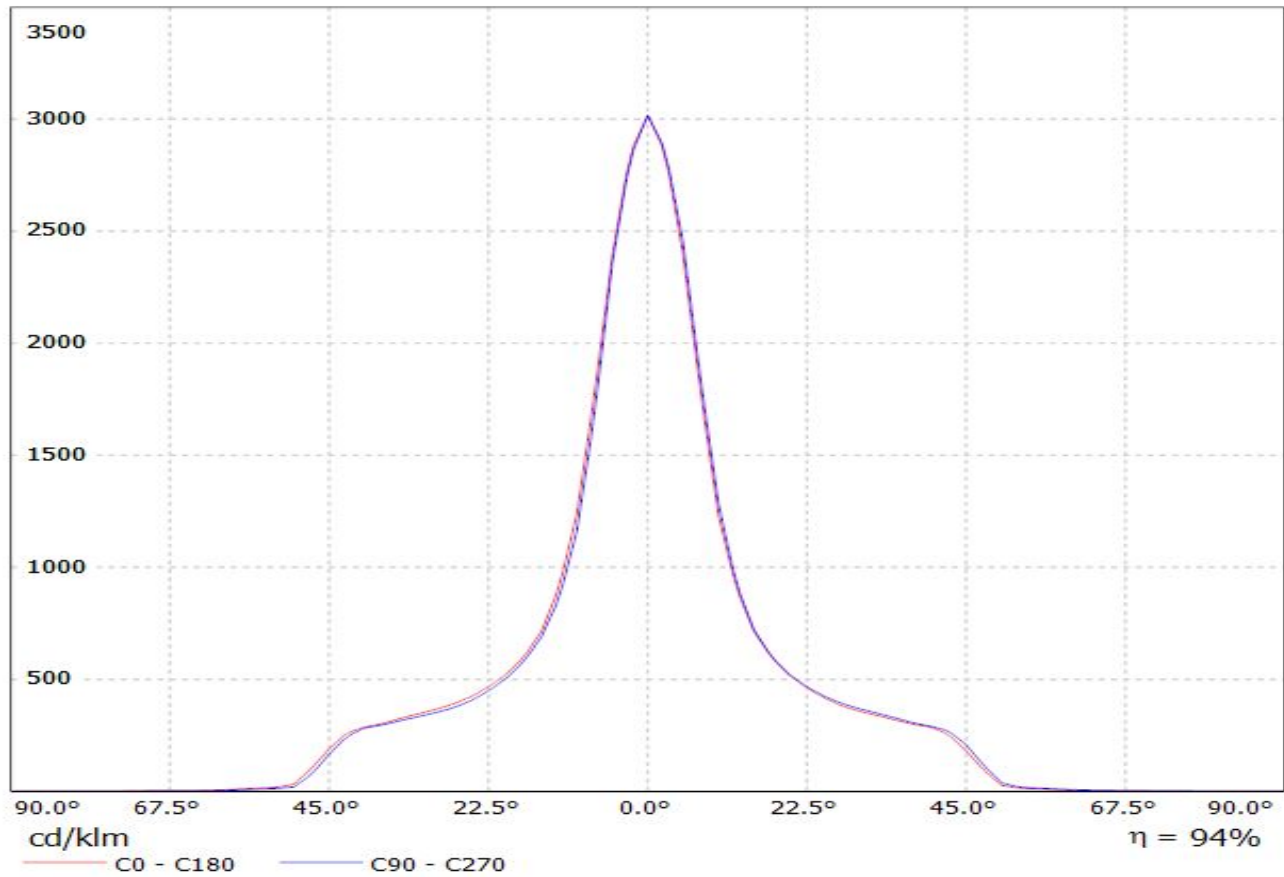
Luminaire: LEDiL Oy F13325_ANGELINA-S_(BXRA_ES) Eff.93.8%
Lamps: 1 x BXRA_ES_(BXRA-W1203_102820-3110)_281.549lm@250mA_P=4.09397W_I=249.8mA



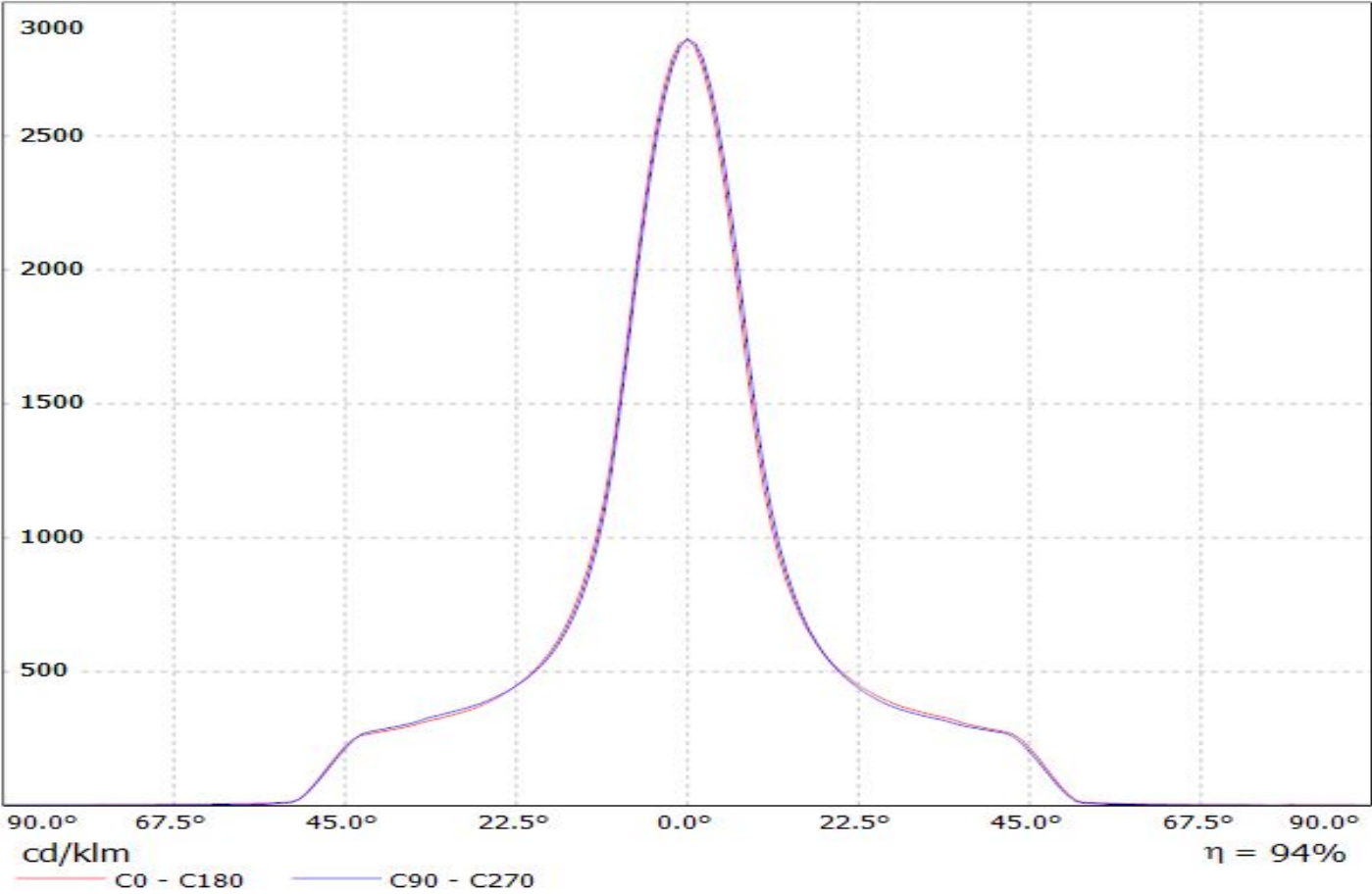
Luminaire: LEDiL Oy F13325_ANGELINA-S_(LUXEON_COB_1205) Eff.93.8%
Lamps: 1 x LUXEON_COB_1205_(LHC1-3080-1205)_1084.49lm@250mA_CCT=3000K_P=8.31784W_I=249.8mA



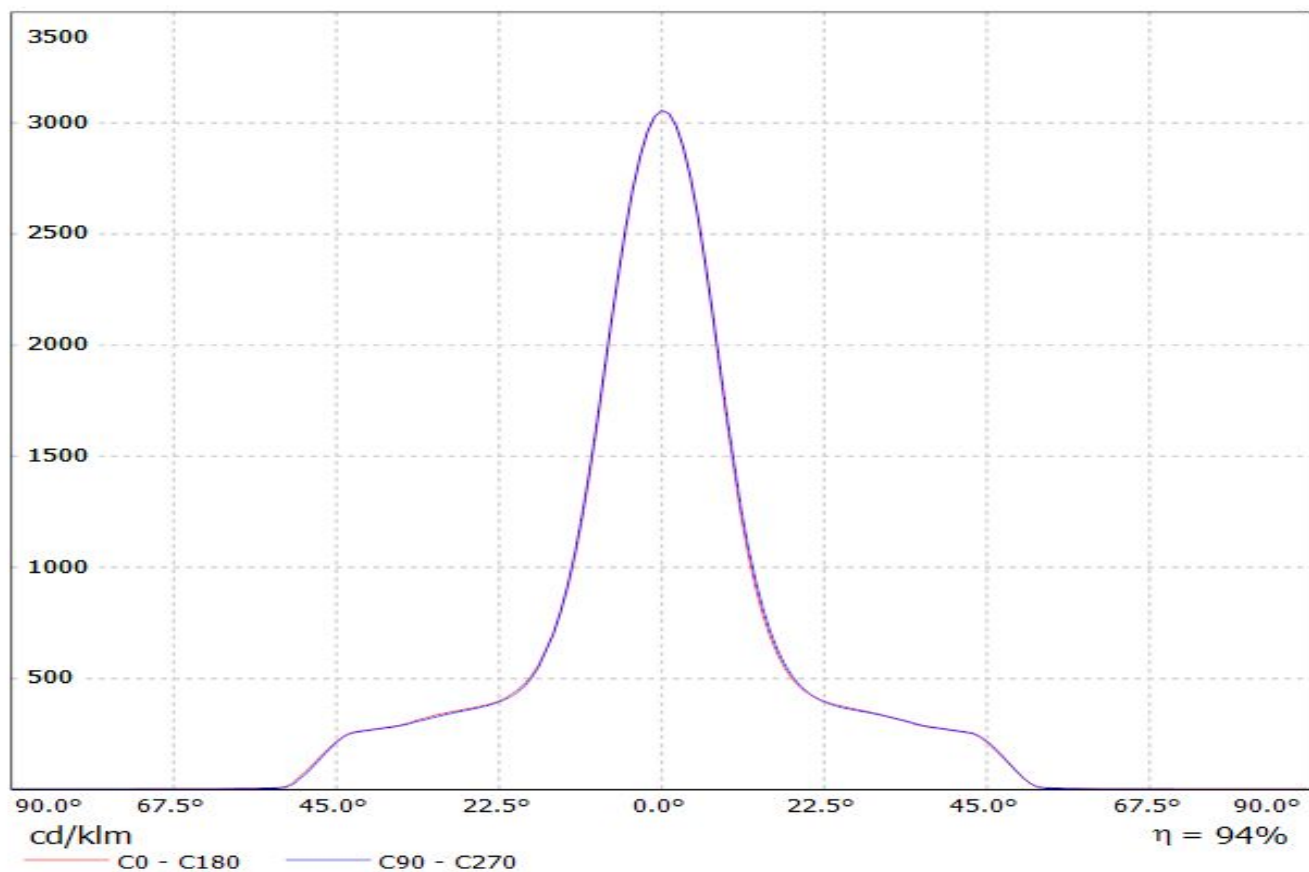
Luminaire: LEDiL Oy F13325_ANGELINA-S_(LG_COB-10W) Eff.93.9%
Lamps: 1 x LG_COB-10W_1024lm@250mA_CCT=5090K_P=9W_I=250mA



Luminaire: LEDiL Oy F13325_ANGELINA-S_(Fortimo LED SLM L13 G4)
Lamps: 1 x Fortimo LED SLM L13 G4_1030.19lm@250mA_P=8.38104W_I=0.2498A

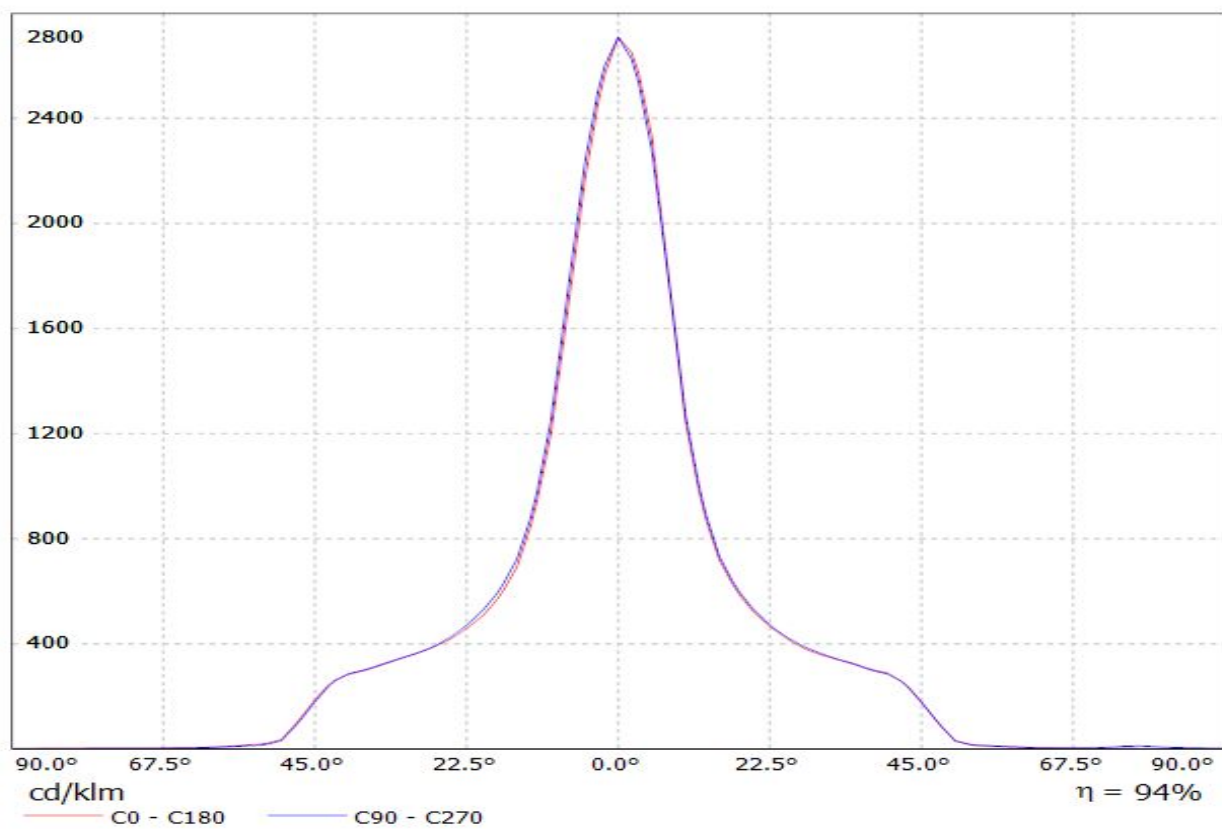


Luminaire: LEDiL Oy F13325_ANGELINA-S_(LUXEON CoB 1205) Eff: 94 %
Lamps: 1 x LUXEON CoB 1205 (LHC1-3080-1205) 1082lm@250mA CCT=3000K P=8.3W I=250mA



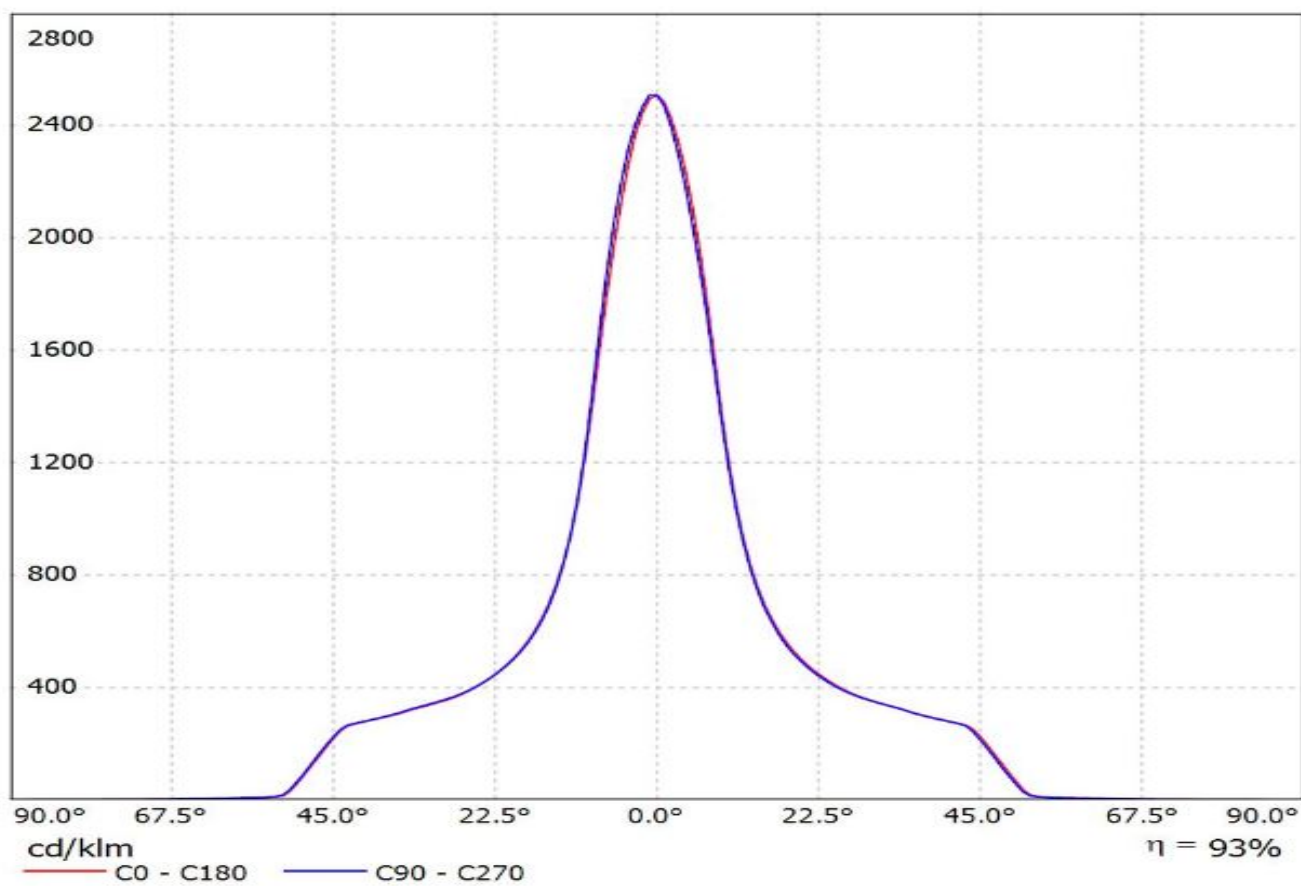
Luminaire: LEDiL Oy F13325_ANGELINA-S_(CLL030) Eff.93.6%

Lamps: 1 x CITIZEN_CLL030_(CLL030-1205A5-303H1A7)_758.588lm@250mA_CCT=5090K_P=8.61086W_I=249.8mA

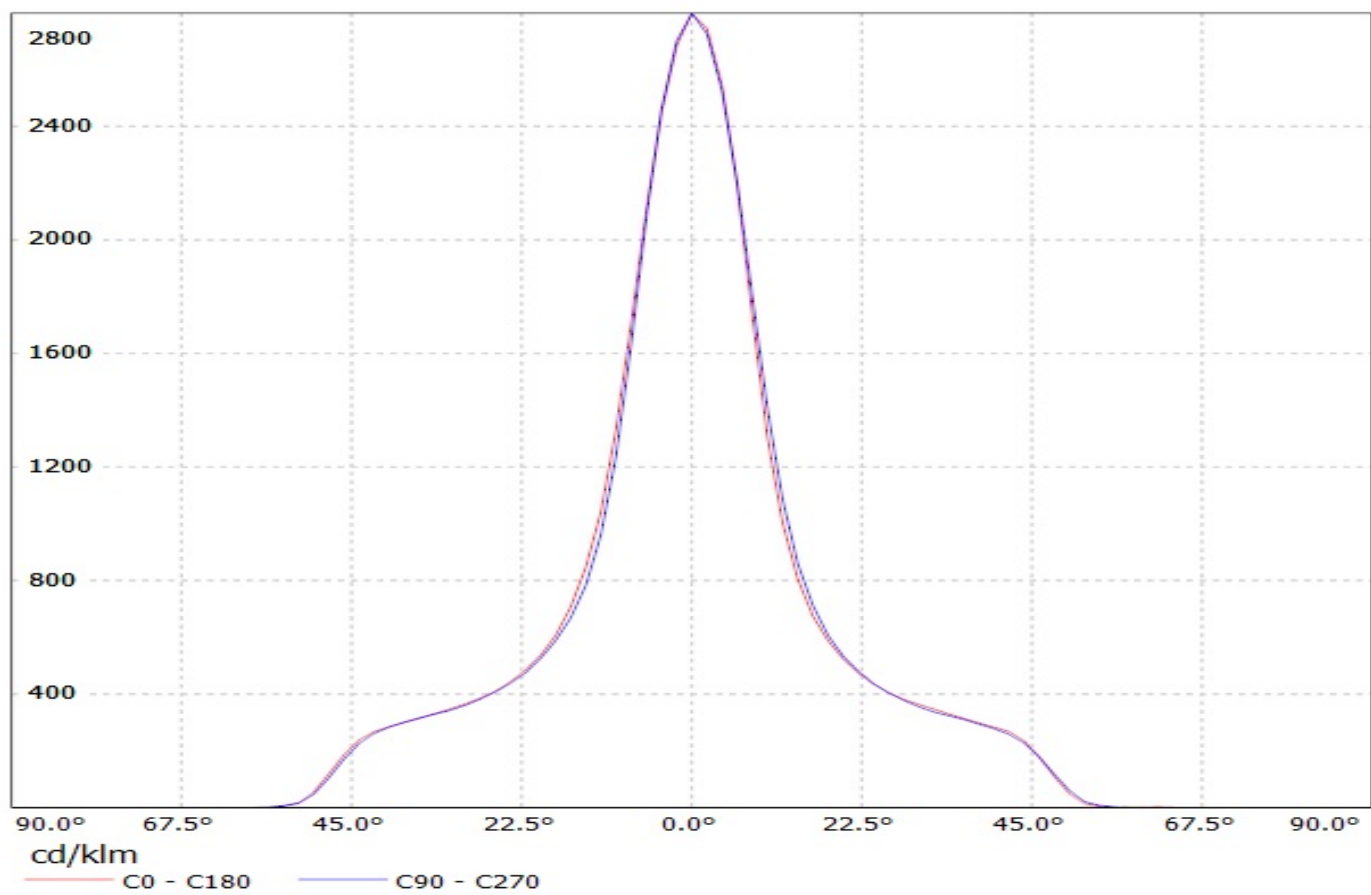


Luminaire: LEDiL Oy F13325_ANGELINA-S_(SOLERIQ_P13)

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



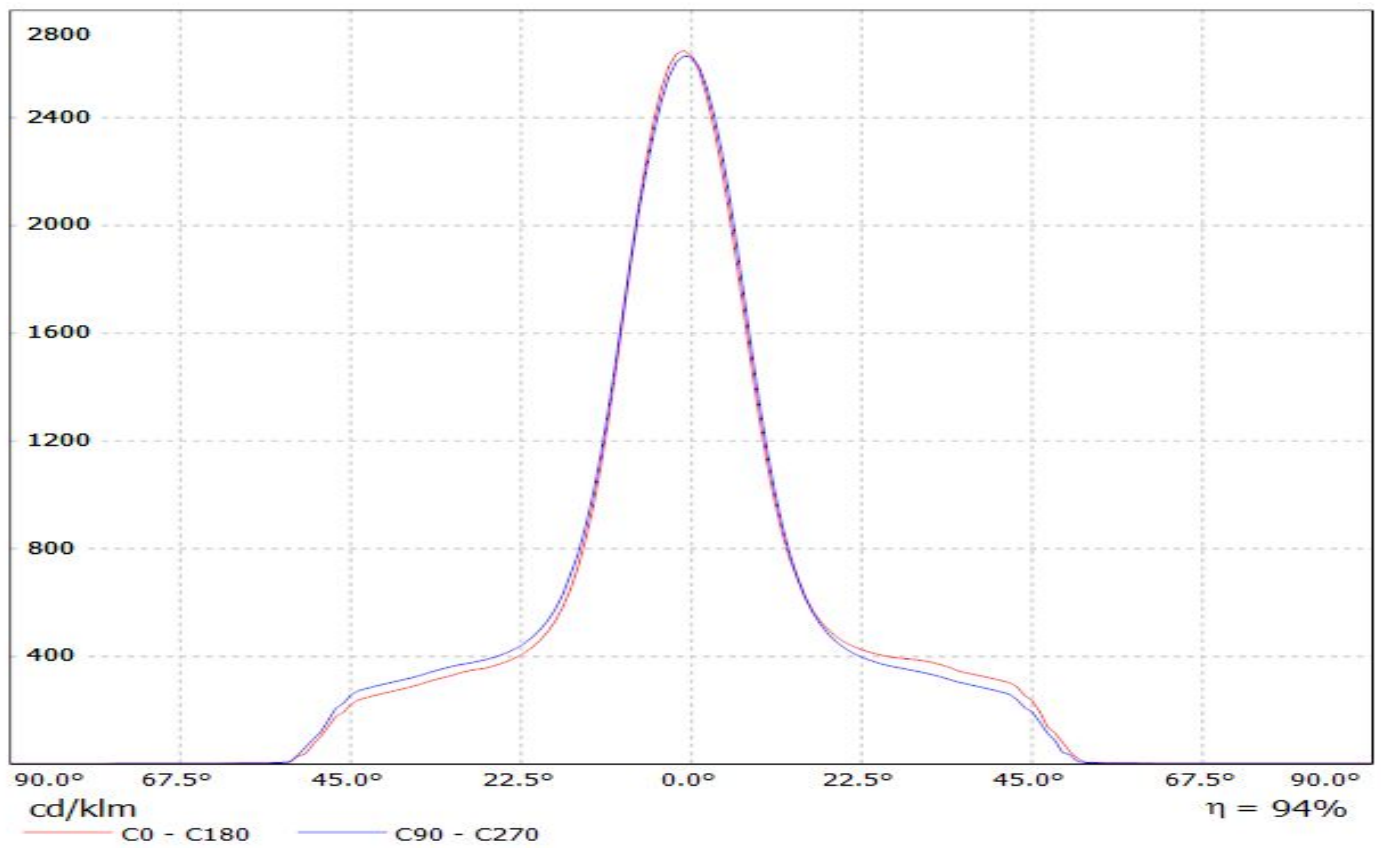
Luminaire: LEDil OY F13325_ANGELINA-S_(Soleriq_S13) Efficiency=94%
Lamps: 1 x Osram Soleriq S13 (GW KAGHB1.EM) 855lm @ 250mA CCT=3100K P=7.5W I=250mA



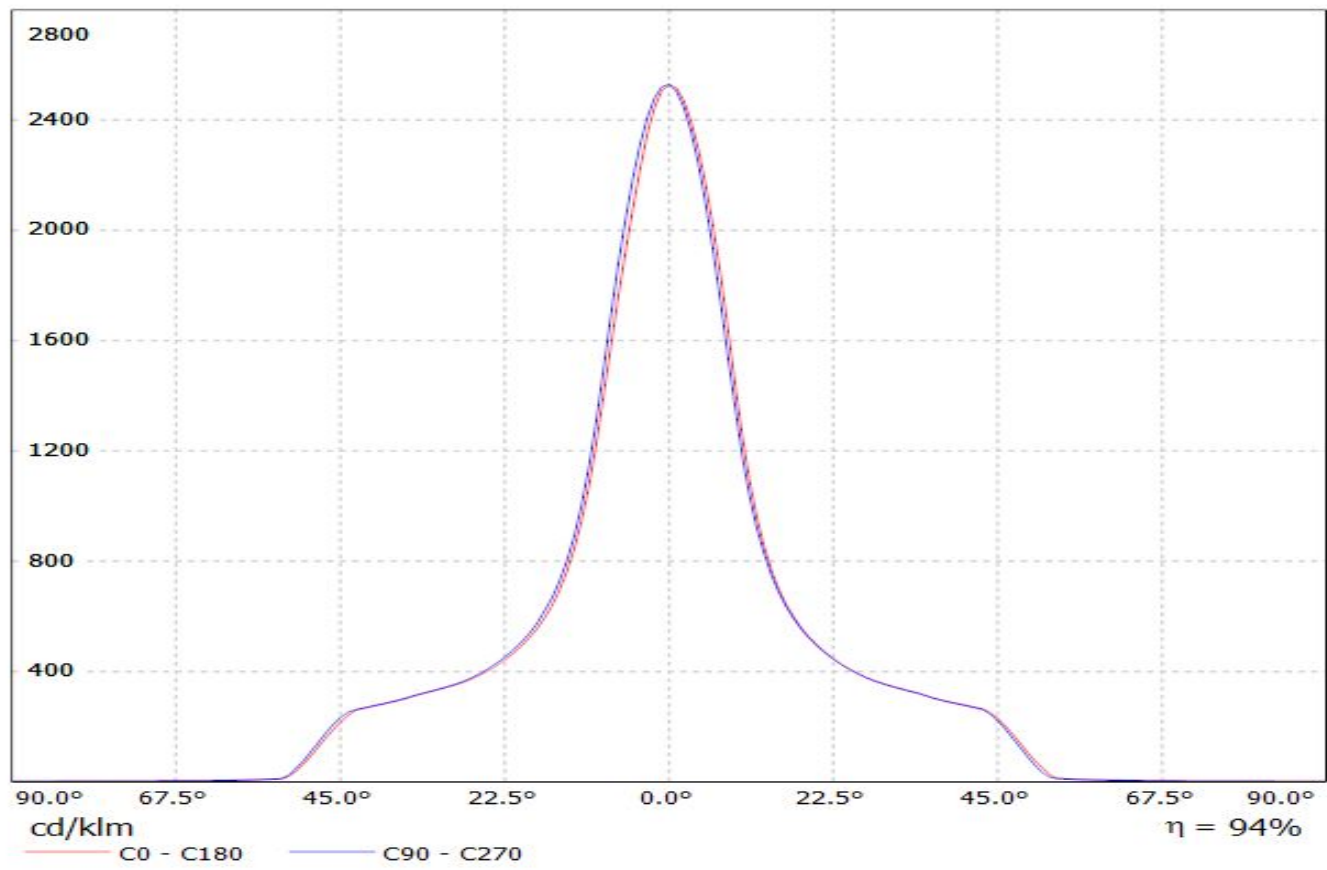
LEDiL Oy C13325_ANGELINA-S_(LUXEON_K12) Eff.94.3% / LDC (Linear)

Luminaire: LEDiL Oy C13325_ANGELINA-S_(LUXEON_K12) Eff.94.3%

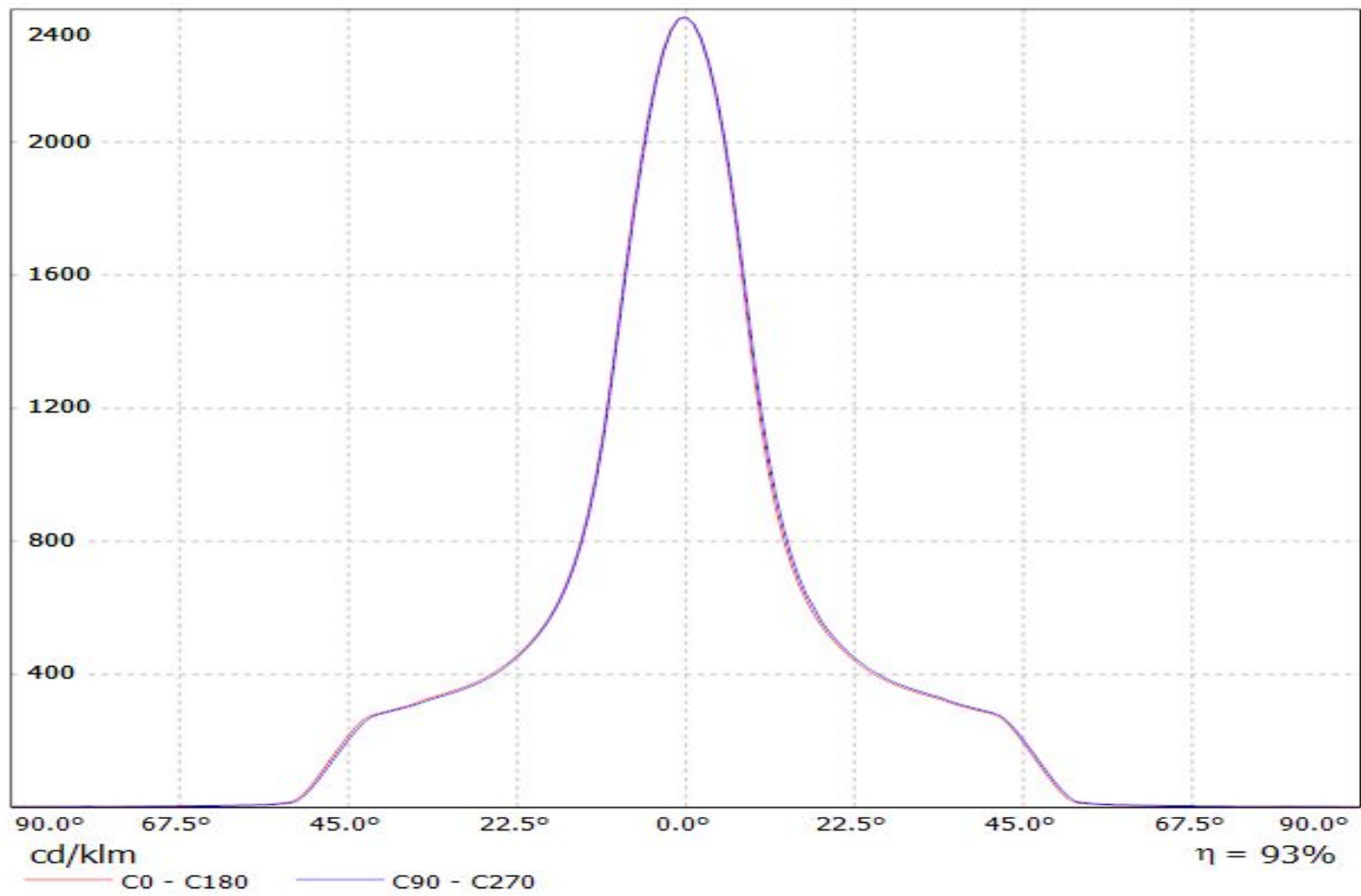
Lamps: 1 x LUXEON_K12 (929.543lm@250mA)



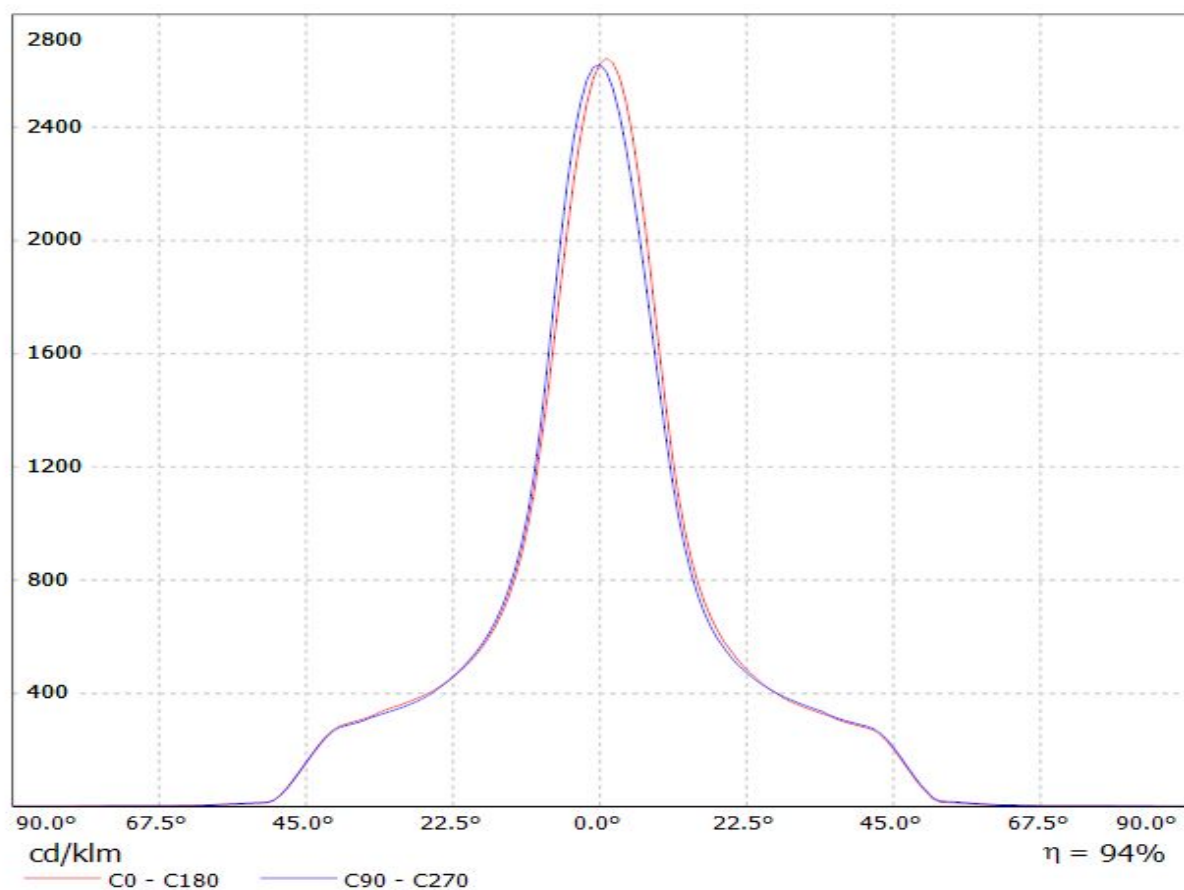
Luminaire: LEDiL Oy F13325_ANGELINA-S_(CXM-14)
Lamps: 1 x LUMINUS_CXM-14_1114.36lm@250mA_P=8.36106W_I=249.8mA



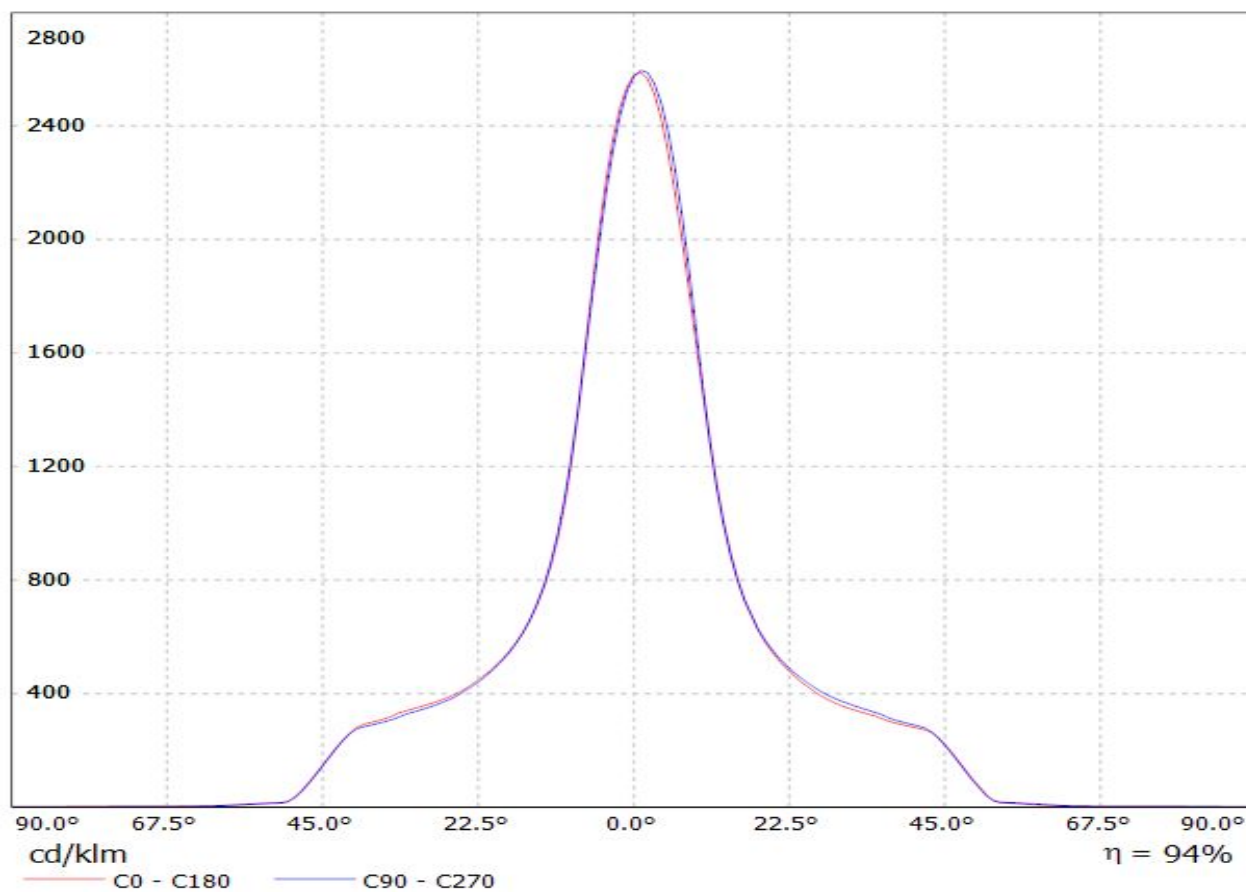
Luminaire: LEDiL Oy F13325_ANGELINA-S_(Fortimo LED SLM L15 G4)
Lamps: 1 x Fortimo LED SLM L15 G4_1116.47lm@250mA_P=8.21168W_I=0.2498A



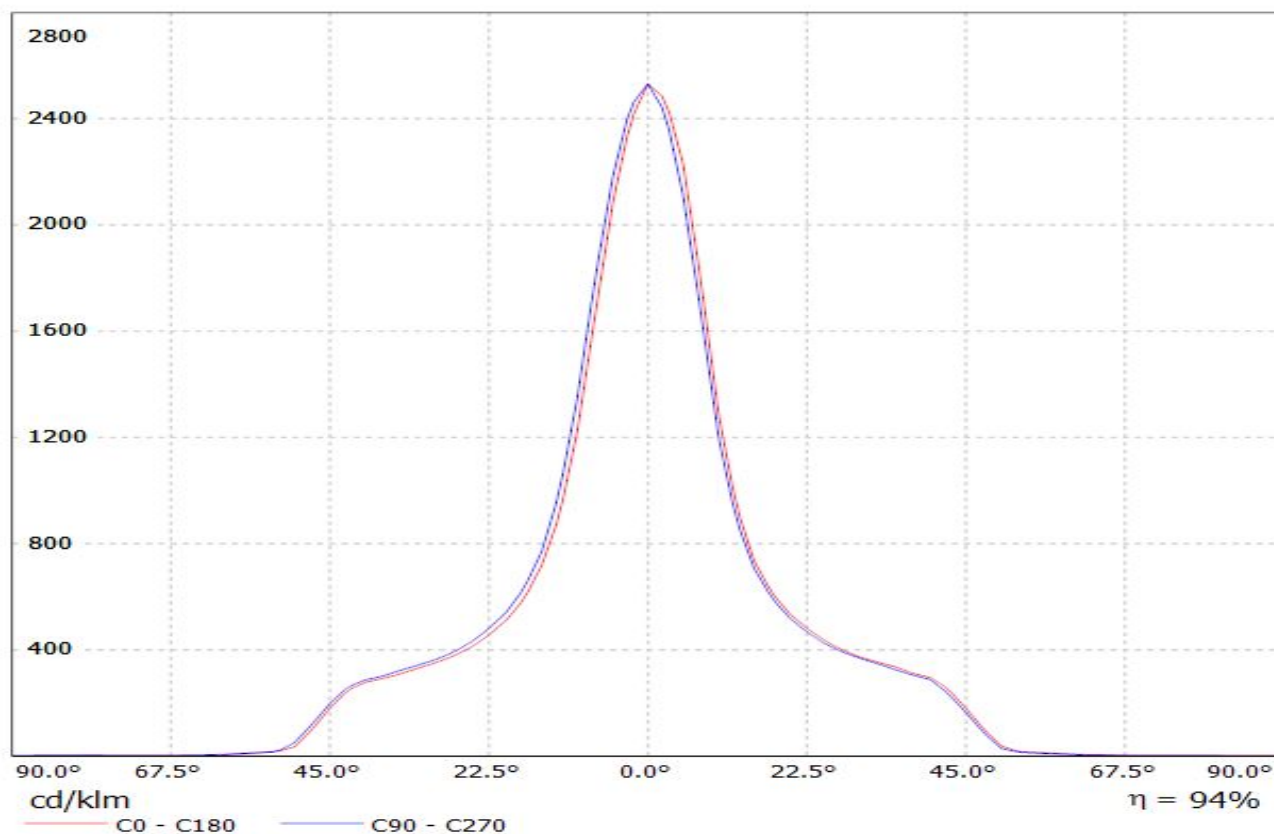
Luminaire: LEDiL Oy F13325_ANGELINA-S_(MEGAZENIGATA) Eff.93.7%
Lamps: 1 x SHARP_MEGAZENIGATA_(GW6DME30NFC)_1238.26lm@250mA_CCT=3000K_P=11.1211W_I=249.8mA



Luminaire: LEDiL Oy F13325_ANGELINA-S_(LUXEON_COB_1208) Eff.93.8%
Lamps: 1 x LUXEON_COB_1208_(LHC1-3080-1208)_1015.13lm@250mA_CCT=3000K_P=8.15972W_I=249.8mA

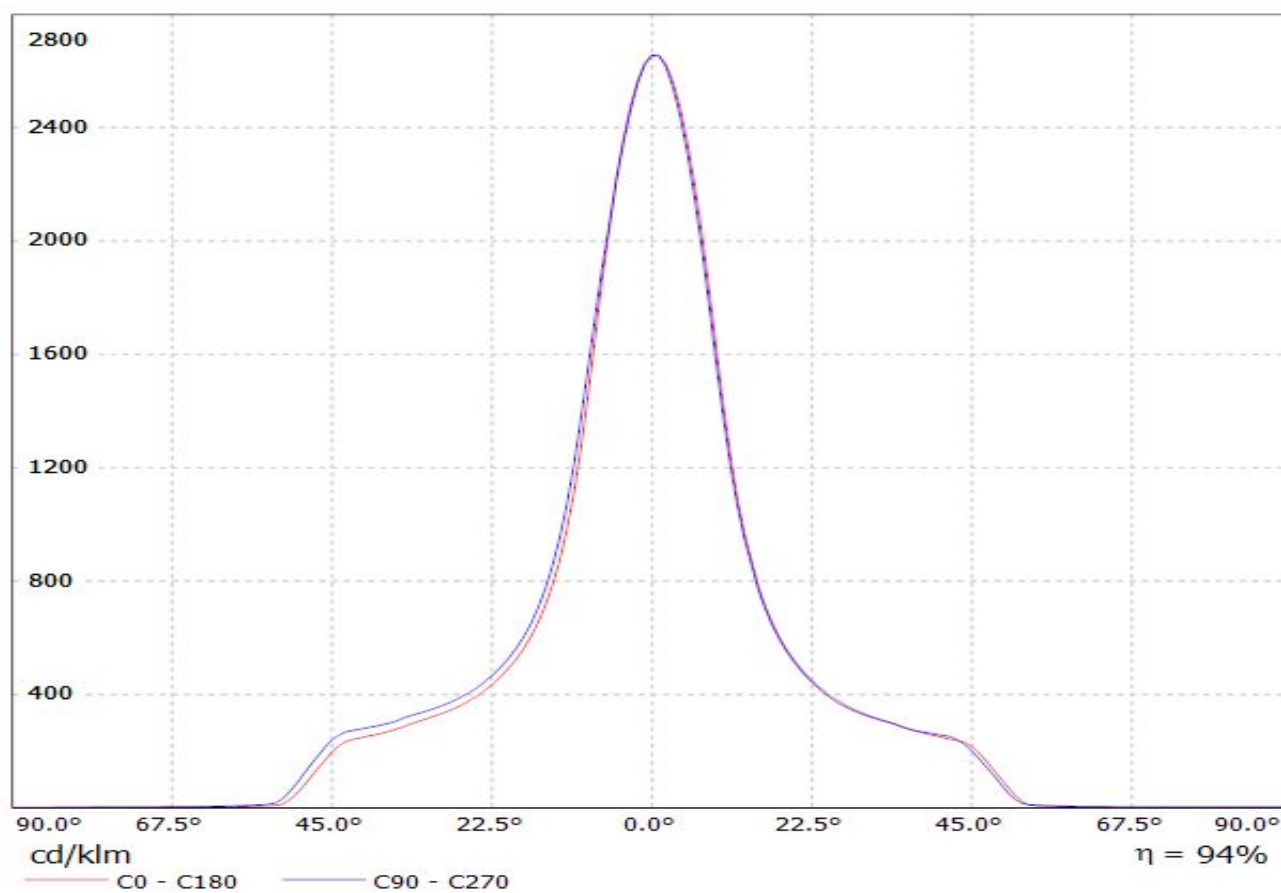


Luminaire: LEDiL Oy F13325_ANGELINA-S_(NSCxJ216A) Eff.94.0%
Lamps: 1 x NICHIA_NSCxJ216A_(NSCLJ216AE)_971.7lm@250mA_CCT=3000K_P=7.96937W_I=249.8mA

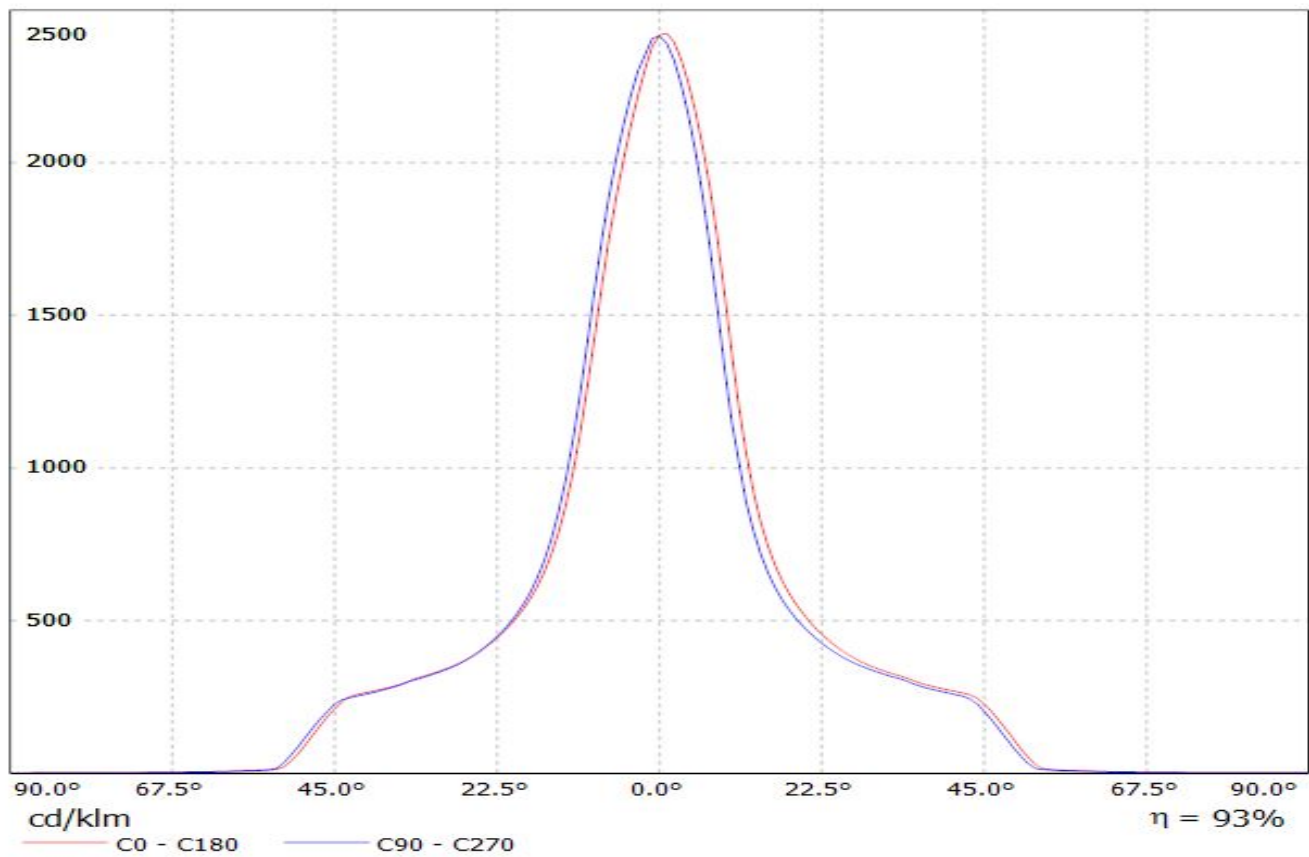


Luminaire: LEDiL Oy F13325_ANGELINA-S_(WU-M-461-827)

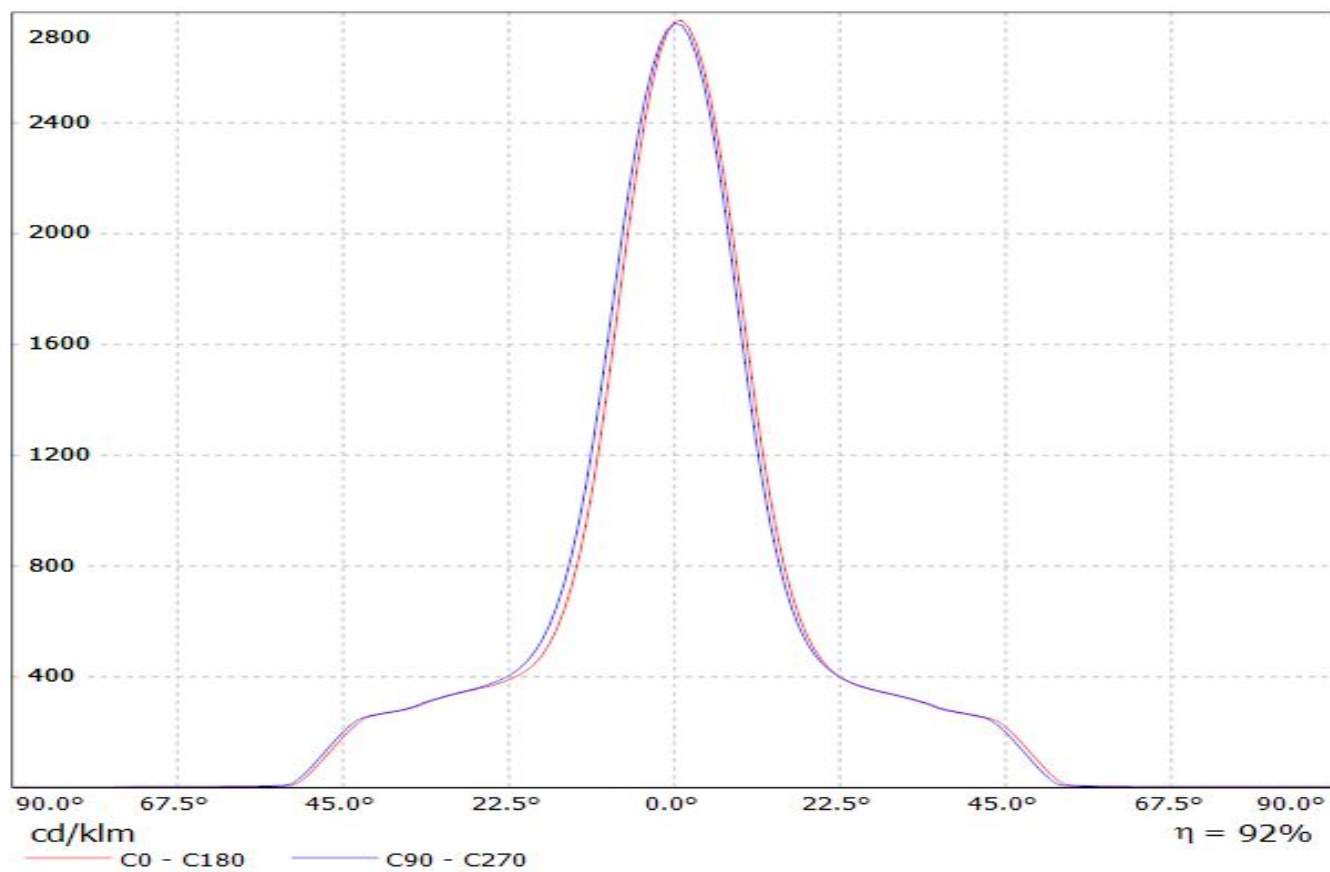
Lamps: 1 x Vossloh_WU-M-461-827_771.829lm@250mA_P=6.26998W_I=249.8mA



Luminaire: LEDiL Oy F13325_ANGELINA-S_(WU-M-484)
Lamps: 1 x Vossloh_Schwabe-WU-M-484_(WU-M-484-830)_657.721lm@250mA_P=5.59451W_I=249.9mA

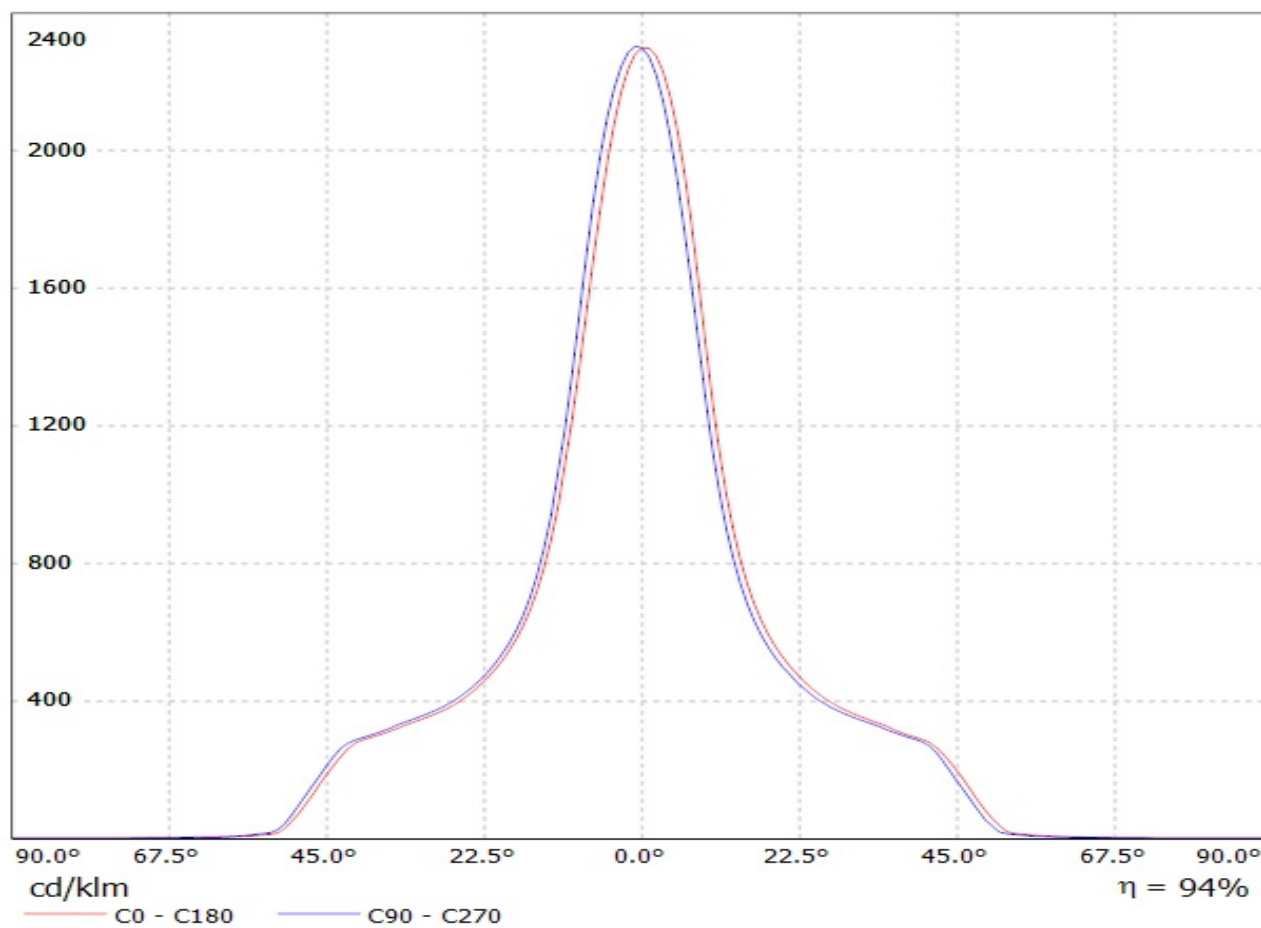


Luminaire: LEDiL Oy F13325_ANGELINA-S_(MegaZenigata) Eff.92.3%
Lamps: 1 x MegaZenigata_GW6DME (518.495lm@100mA)

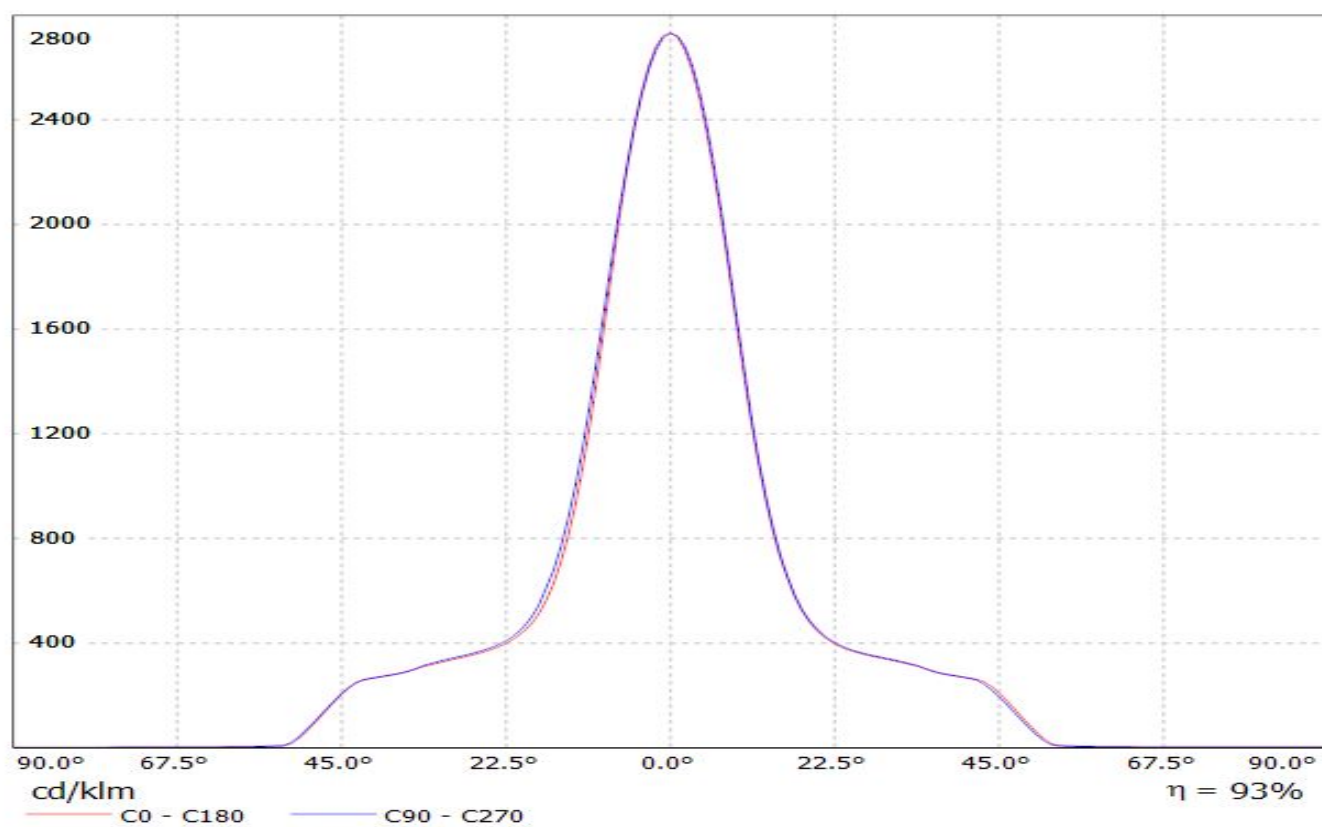


Luminaire: LEDiL Oy F13325_ANGELINA-S_(PrevaLED_Z4) Eff:94%

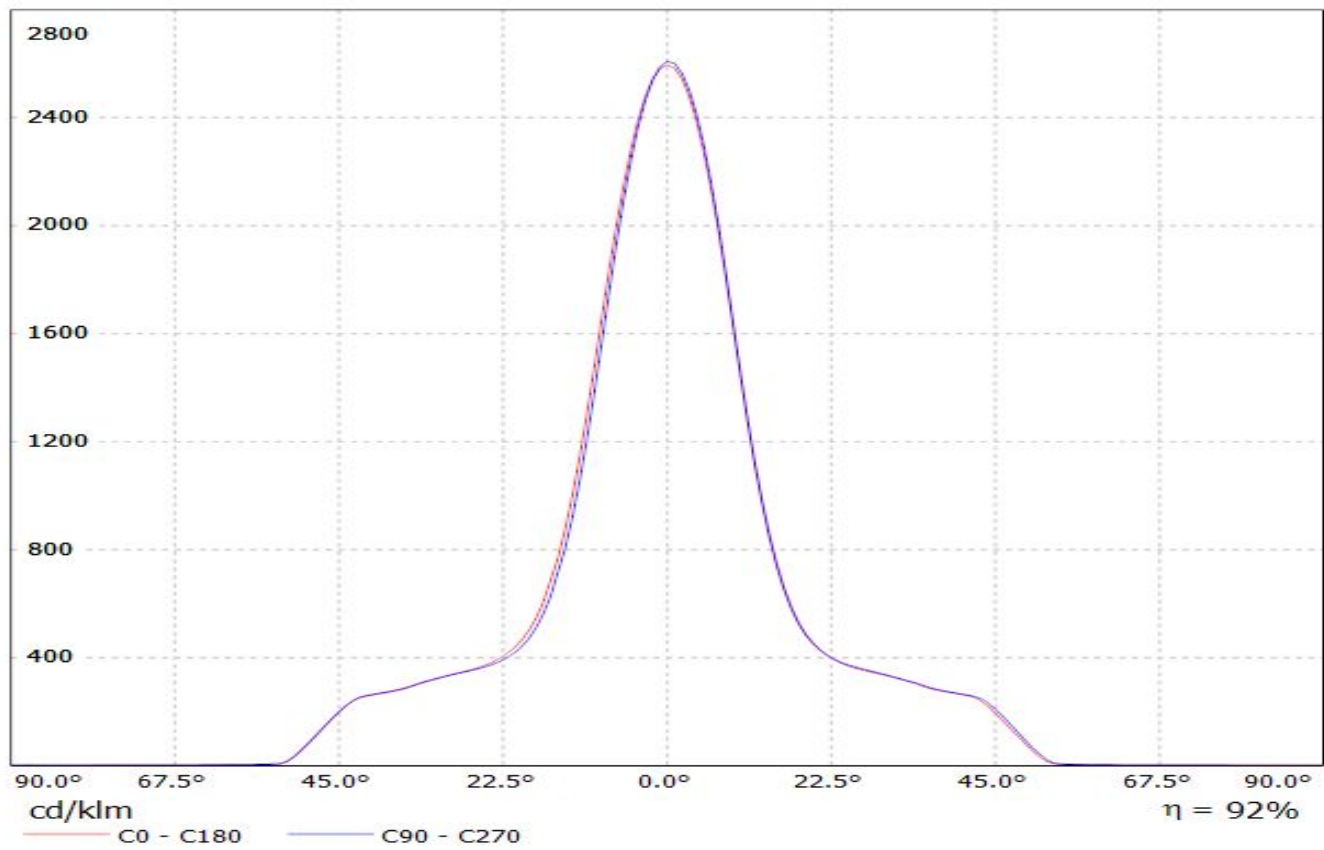
Lamps: 1 x Osram_PrevaLED_CORE_Z4_(PL-CORE-3000-830-Z4)_1423.93lm@250mA_P=10.7652W_I=249.9mA



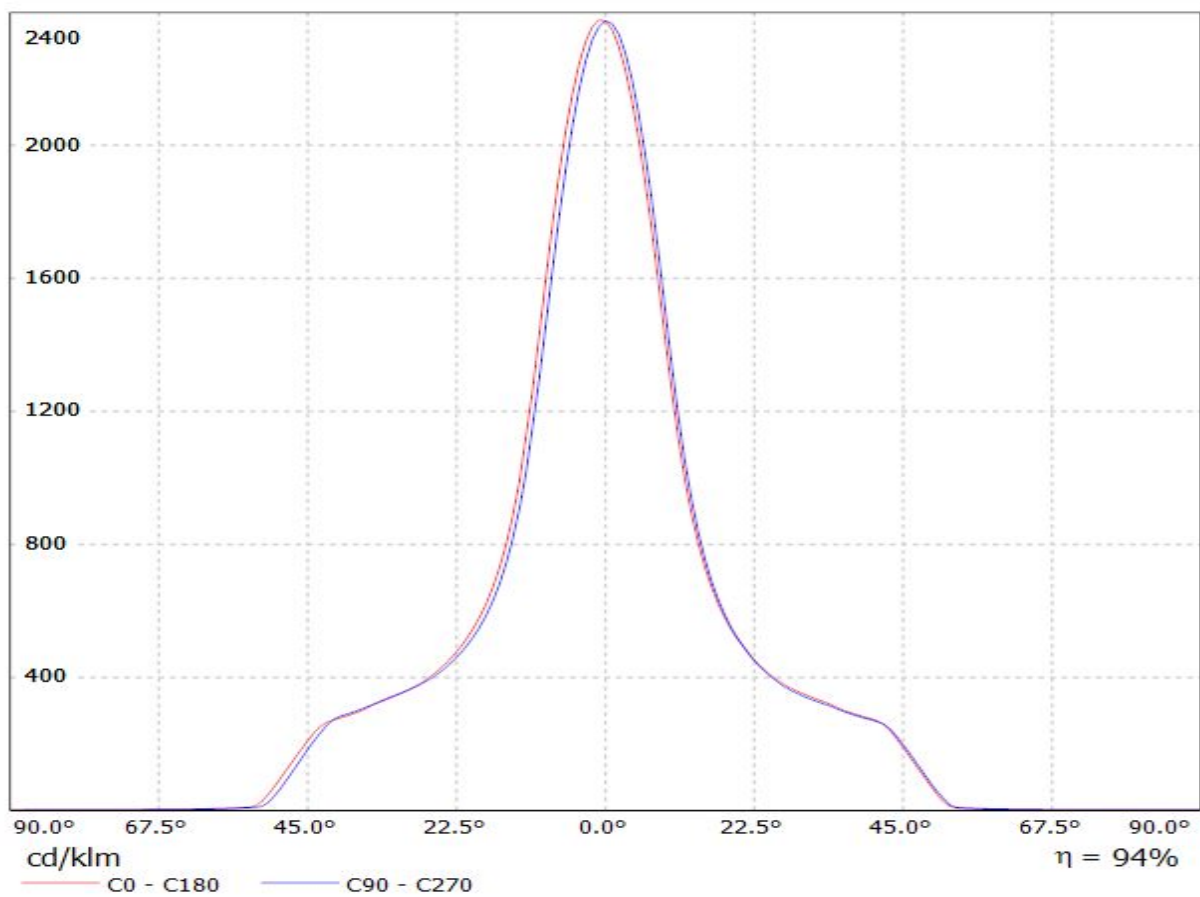
Luminaire: LEDiL Oy F13325_ANGELINA-S_(Luxeon-Cob-1208) Eff: 93 %
Lamps: 1 x Luxeon CoB 1208 (LHC1-3080-1208) 1029lm@250mA CCT=3000K P=8.2W I=250mA



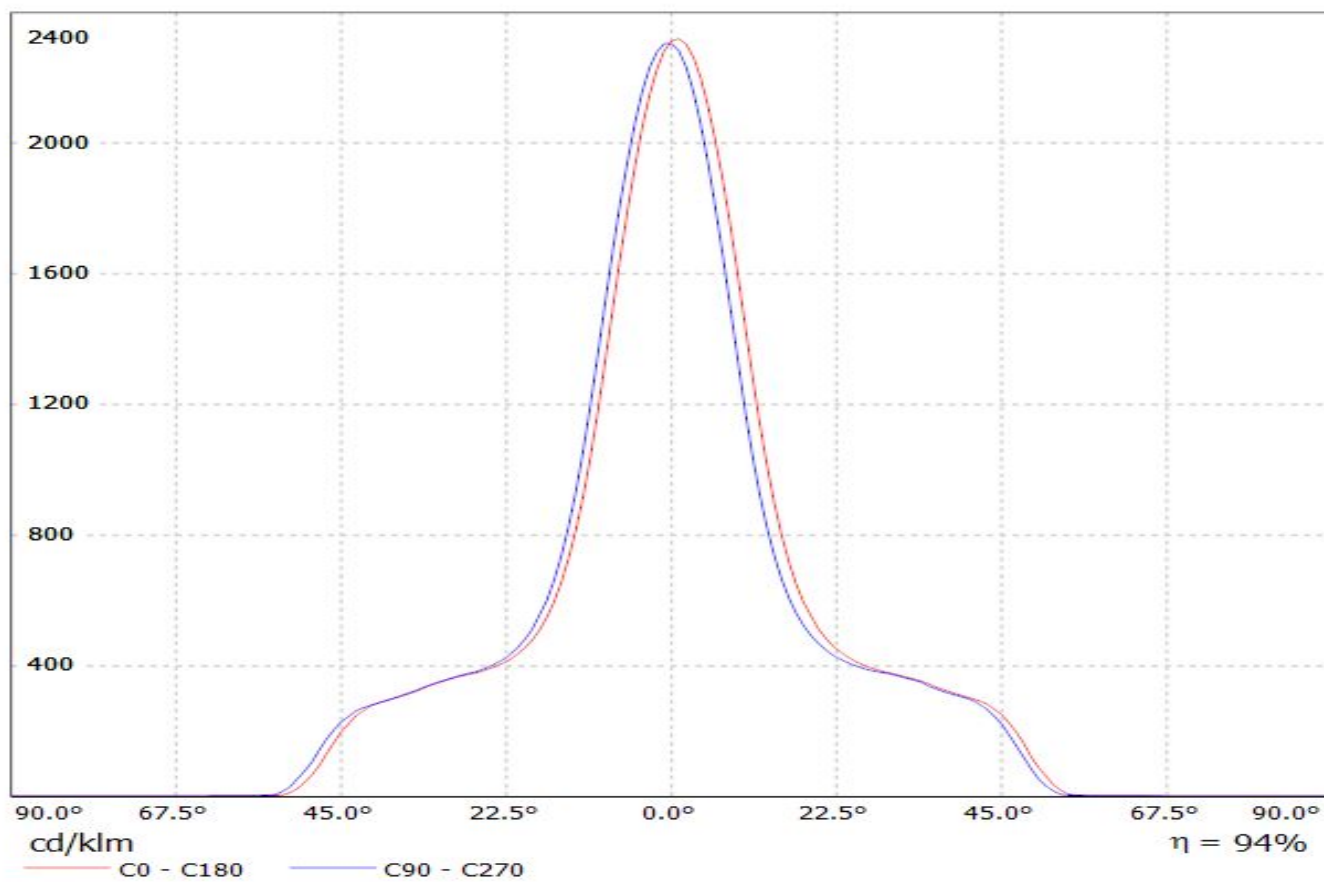
Luminaire: LEDiL Oy F13325_ANGELINA-S_(STARK_SLE_G2_LES19) Eff.92.2%
Lamps: 1 x TRIDONIC STARK SLE G2 LES19 830 CLA 964.643lm@250mA CCT=3000K P=8W I=250mA



Luminaire: LEDiL Oy F13325_ANGELINA-S_(SOLERIQ_S19_&_TE_2213407-2)
Lamps: 1 x OSRAM_SOLERIQ_S19_(GW_KAHJB1.EM)_1385.15lm@250mA_CCT=3000K_P=10.5613W_I=249.8mA

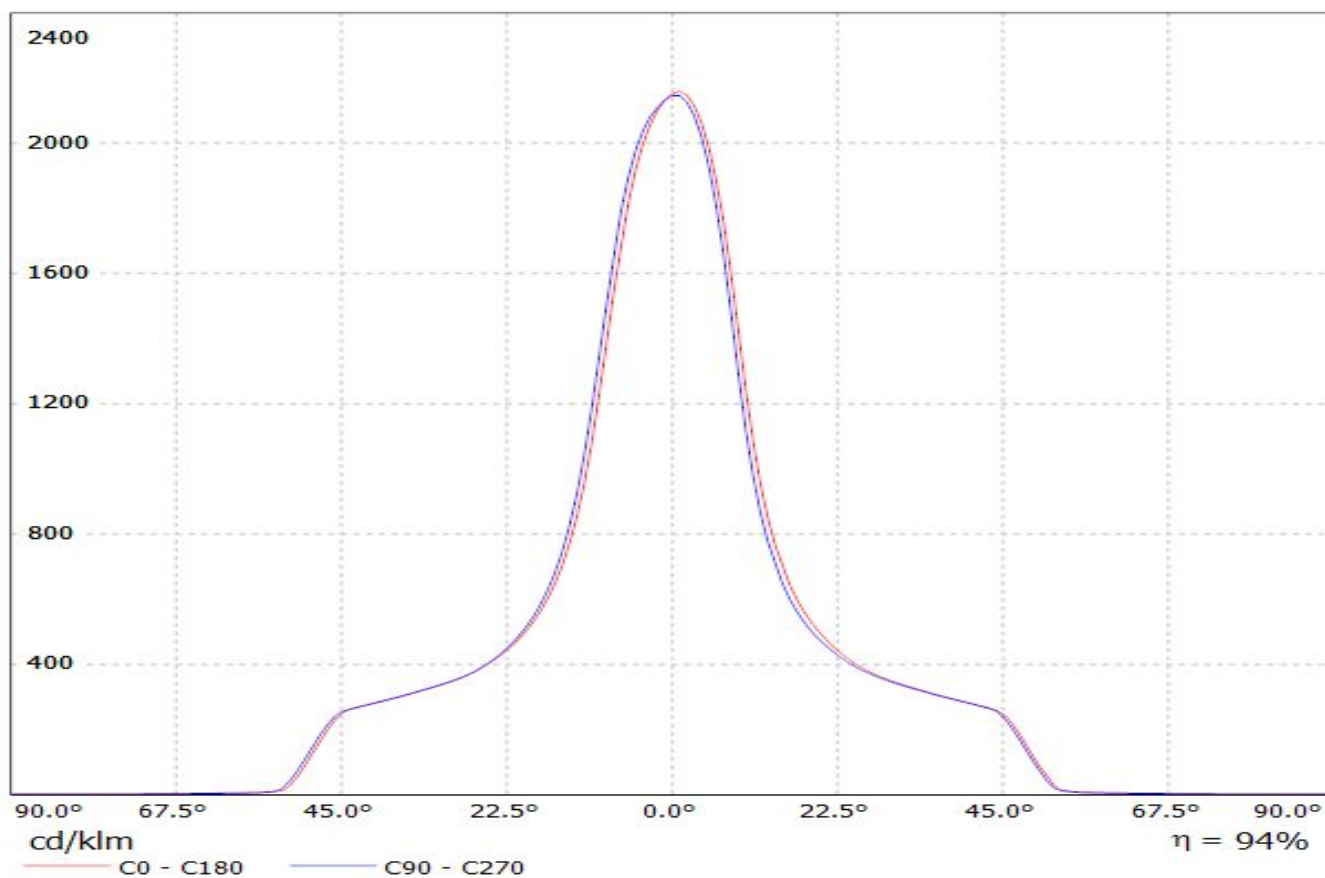


Luminaire: LEDiL Oy C13325_ANGELINA-S_(Luxeon_K16) Eff.94.2%
Lamps: 1 x LUXEON_K16 (1204.33lm@250mA)

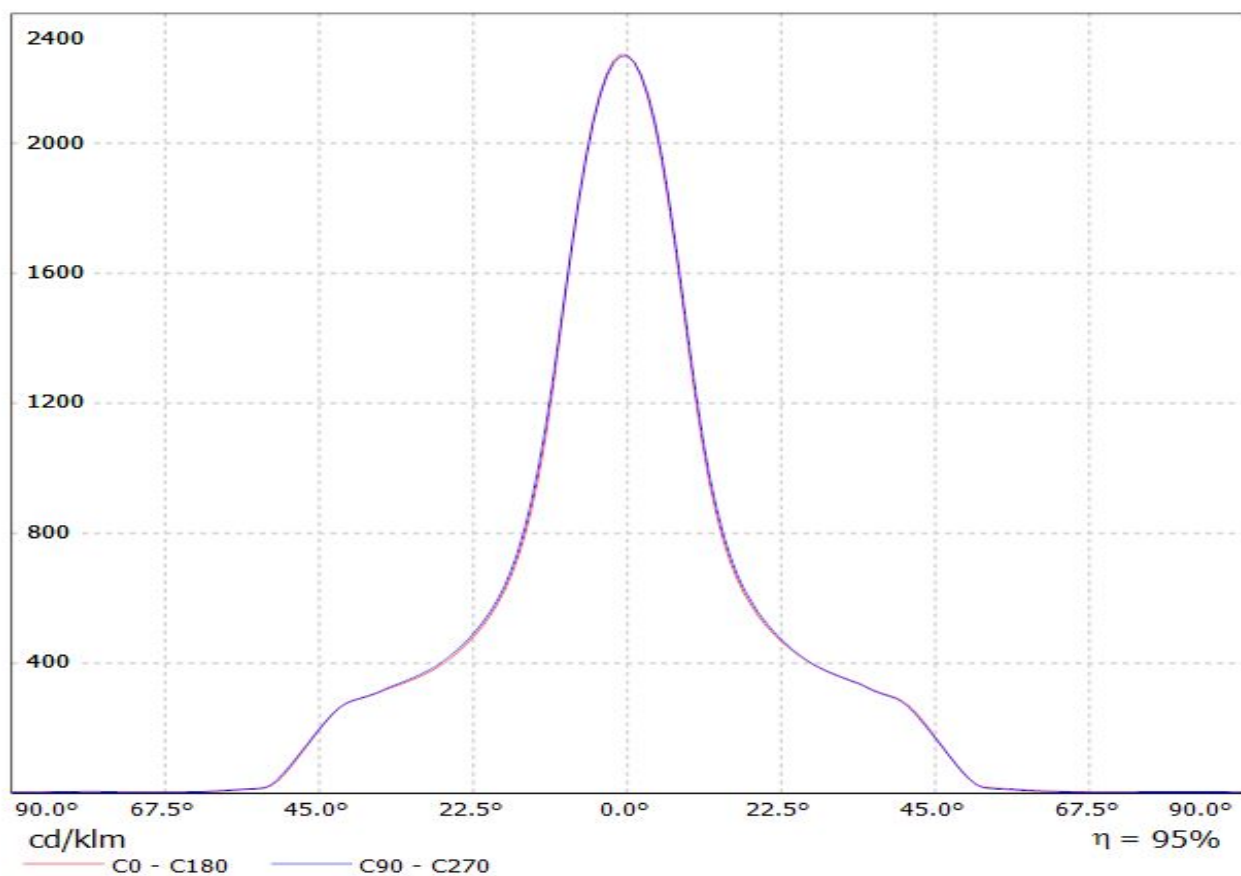


Luminaire: LEDiL Oy F13325_ANGELINA-S_(NSBxL121A)

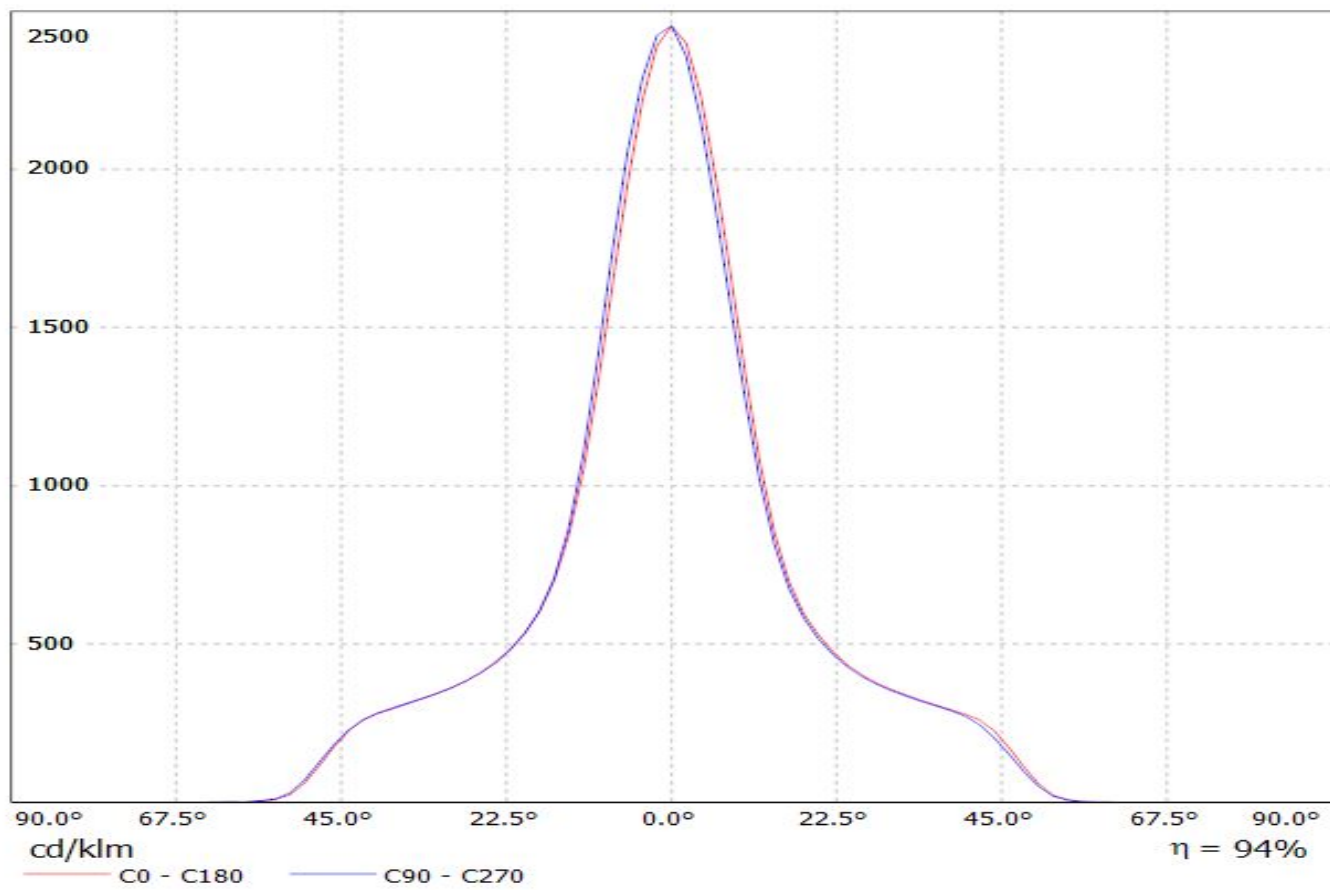
Lamps: 1 x Nichia_NSBxL121A_914.478lm@250mA_P=7.56872W_I=249.9mA



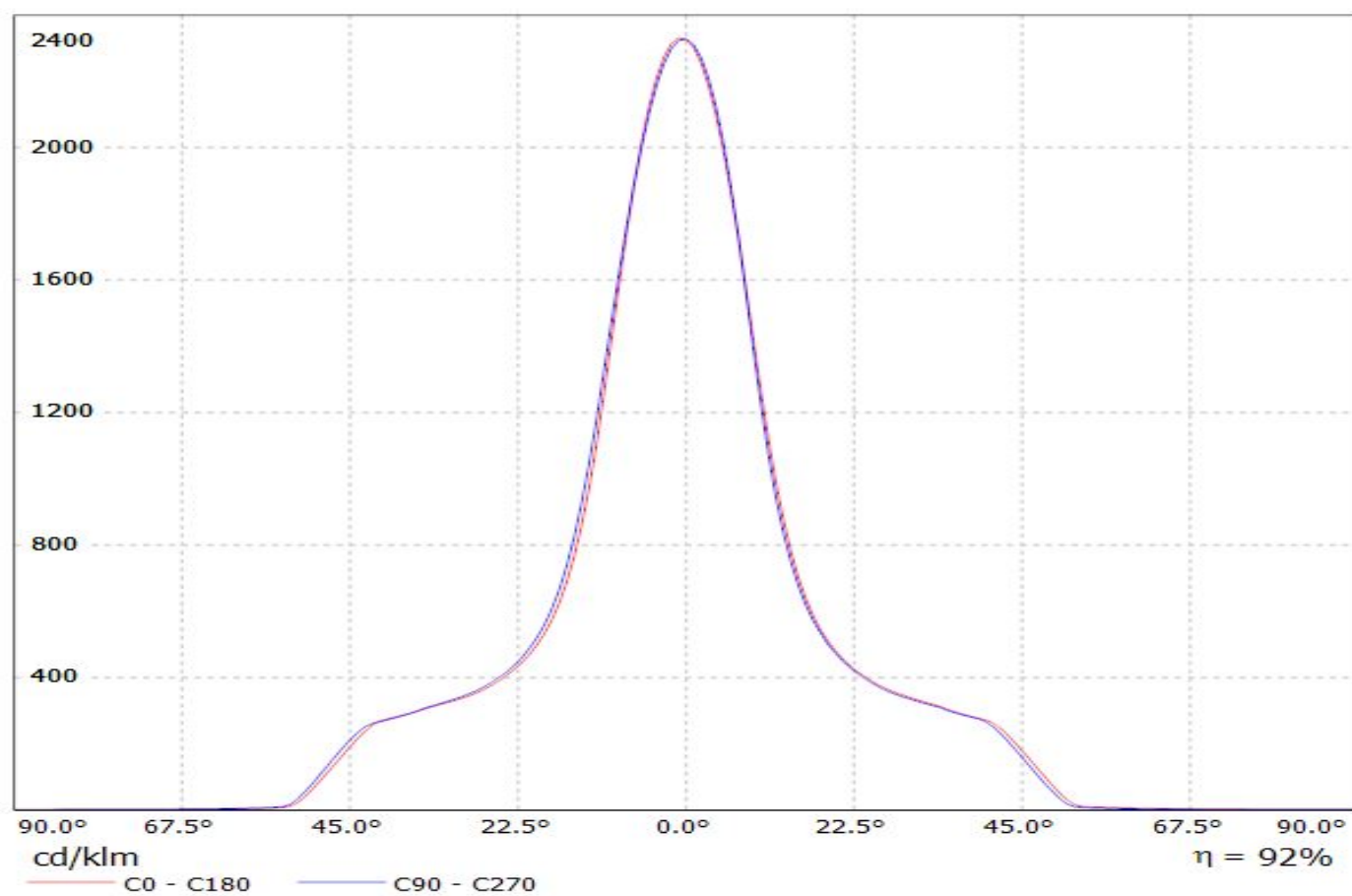
Luminaire: LEDiL Oy F13325_ANGELINA-S_(CXA25) Eff.94%
Lamps: 1 x CREE_CXA25_(CXA2530-7C0-T2-N0H)_1151.98lm@250mA_CCT=3000K_P=8.4892W_I=249.8mA



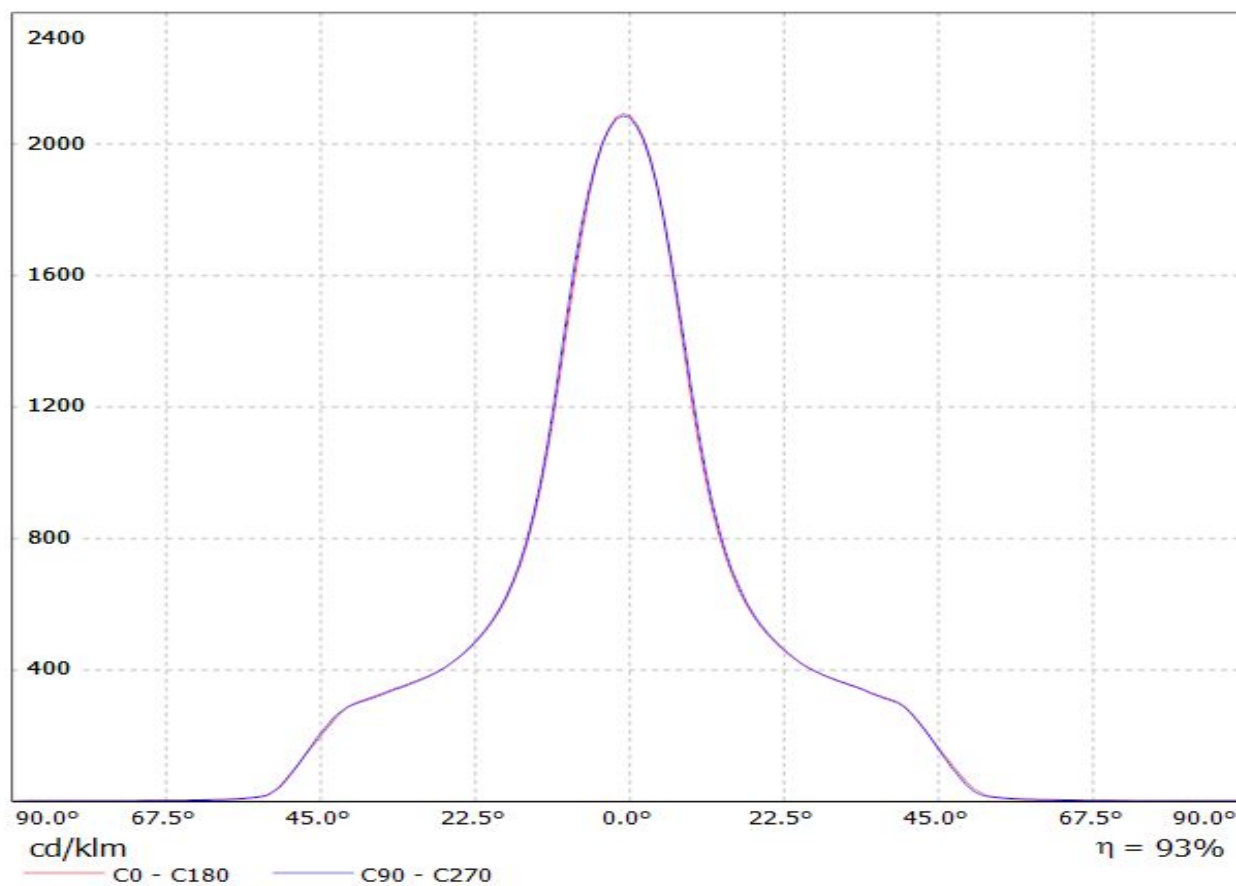
Luminaire: LEDiL F13325_ANGELINA-S_(CLL030)
Lamps: 1 x Citizen CLL030 740lm@250mA (CLL030-1205A5-303H1A7) CCT:3000K



Luminaire: LEDiL Oy F13325_ANGELINA-S_(SLE GEN4 LES19)
Lamps: 1 x SLE GEN4 LES19_1227.01lm@250mA_P=8.21492W_I=0.2498A



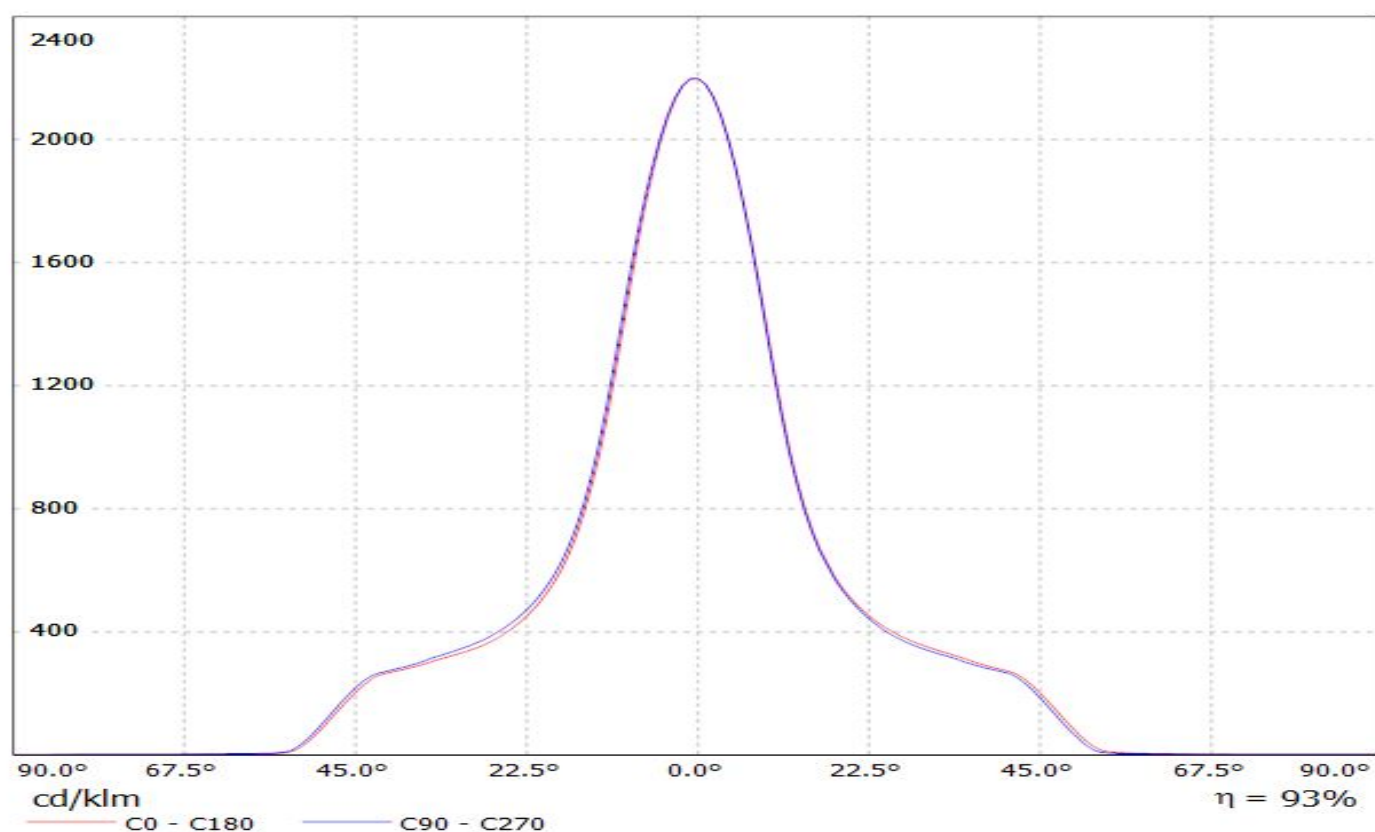
Luminaire: LEDiL Oy F13325_ANGELINA-S_(LEP-2000-827-C-AC)
Lamps: 1 x OSRAM PrevaLED Core AC (LEP-2000-827-C-AC)



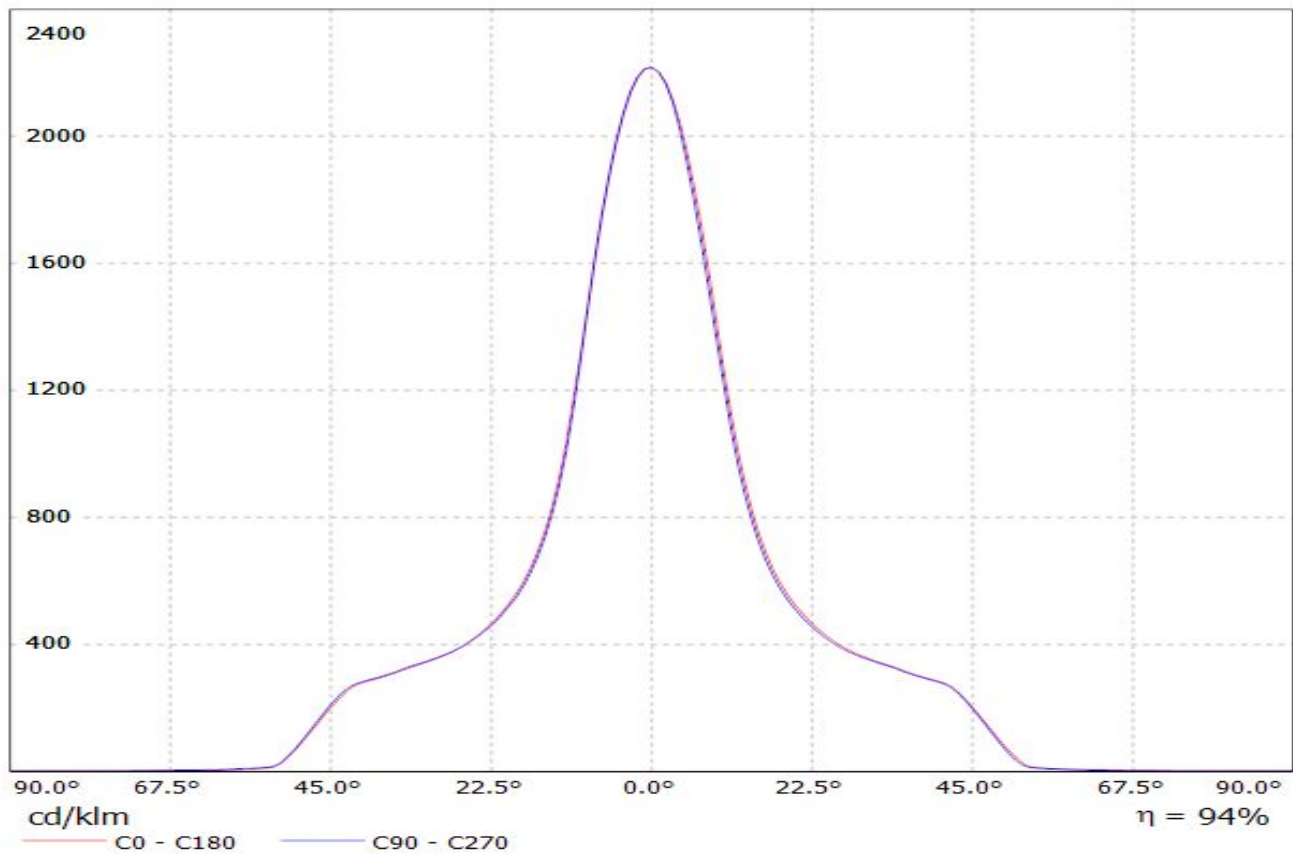
LEDiL Oy F13325_ANGELINA-S_(SLE_G3_LES19) Eff.93.5% / LDC (Linear)

Luminaire: LEDiL Oy F13325_ANGELINA-S_(SLE_G3_LES19) Eff.93.5%

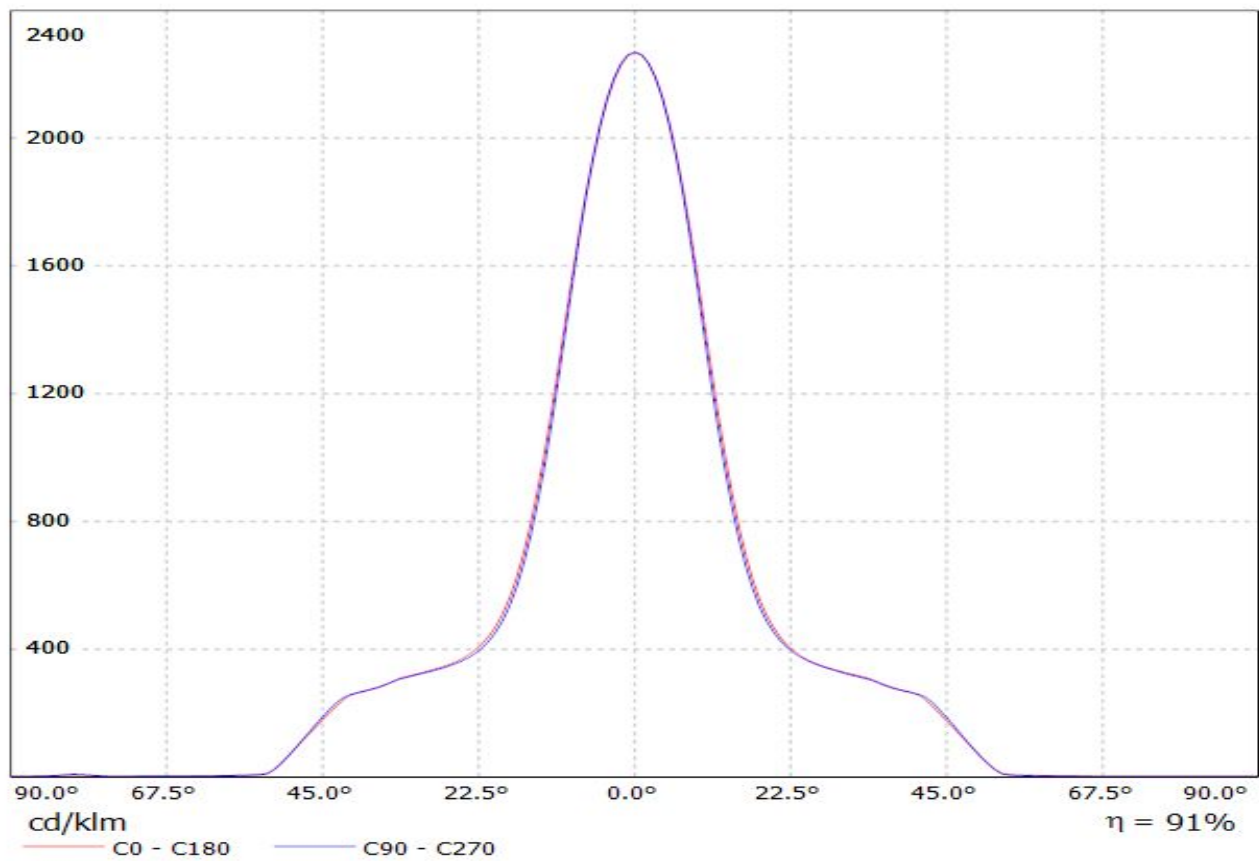
Lamps: 1 x TRIDONIC_STARK_SLE_G3_LES19_(STARK-SLE-G3-LES19-2000-840-CLA)
_1058.33lm@250mA_P=8.32833W_I=249.8mA



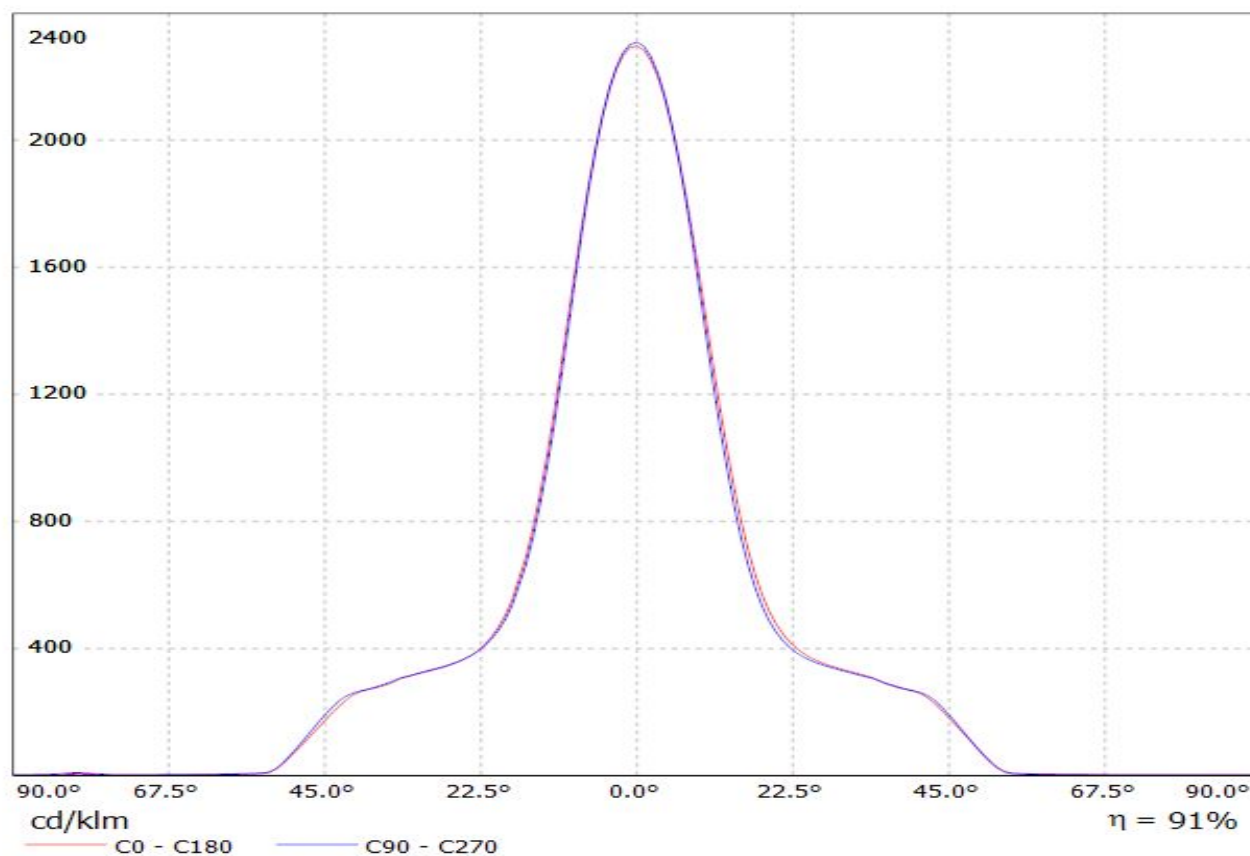
Luminaire: LEDiL Oy F13325_ANGELINA-S_(PrevaLED_LES19) Eff.94%
Lamps: 1 x OSRAM PrevaLED_LES9_(PL-CORE-1100-830-Z3)_1333.47lm@250mA_P=10.4584W_I=249.8mA



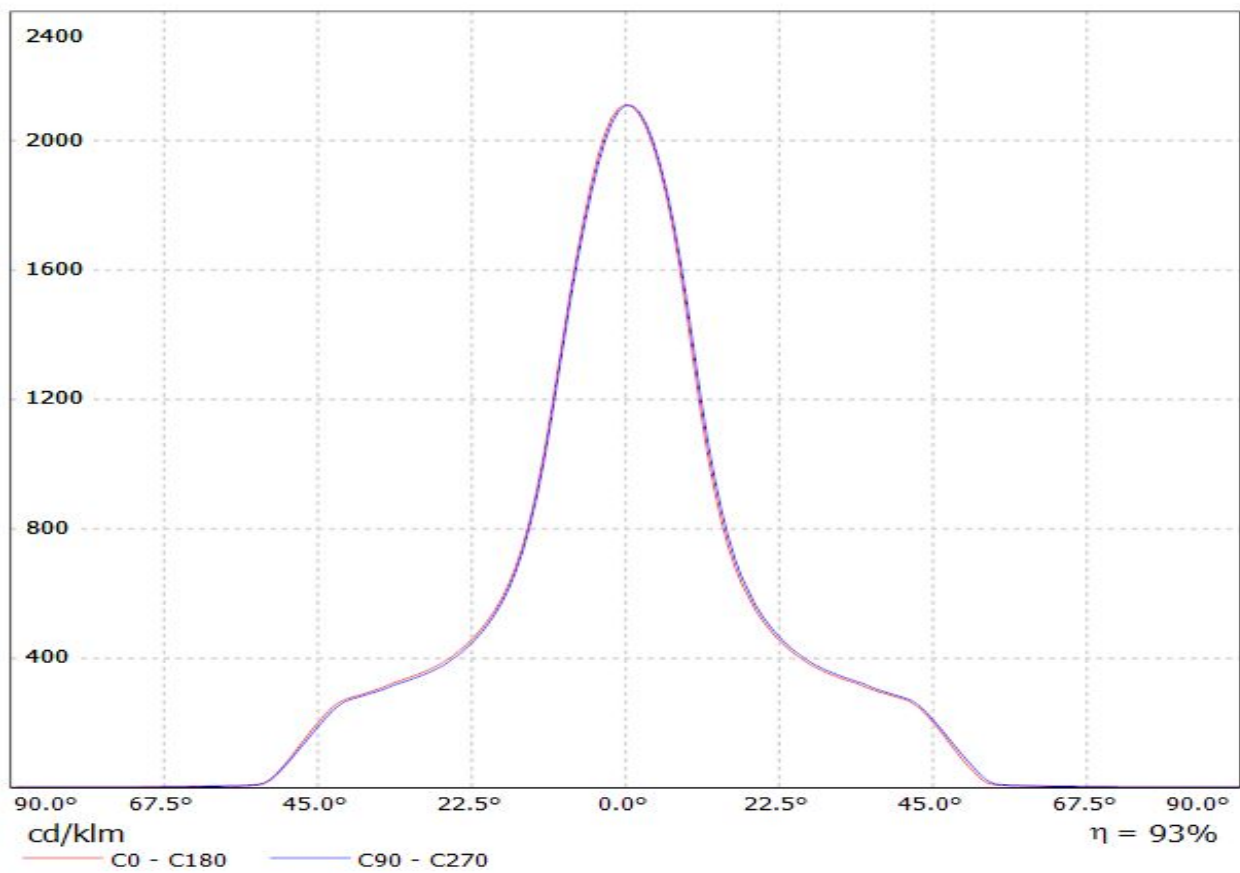
Luminaire: LEDiL Oy F13325_ANGELINA-S_(FORTIMO_2000) Eff.90.7%
Lamps: 1 x PHILIPS Fortimo LED SLM 2000 23W/930 L19 G3 665.774lm@250mA CCT=3000K P=6W I=250mA



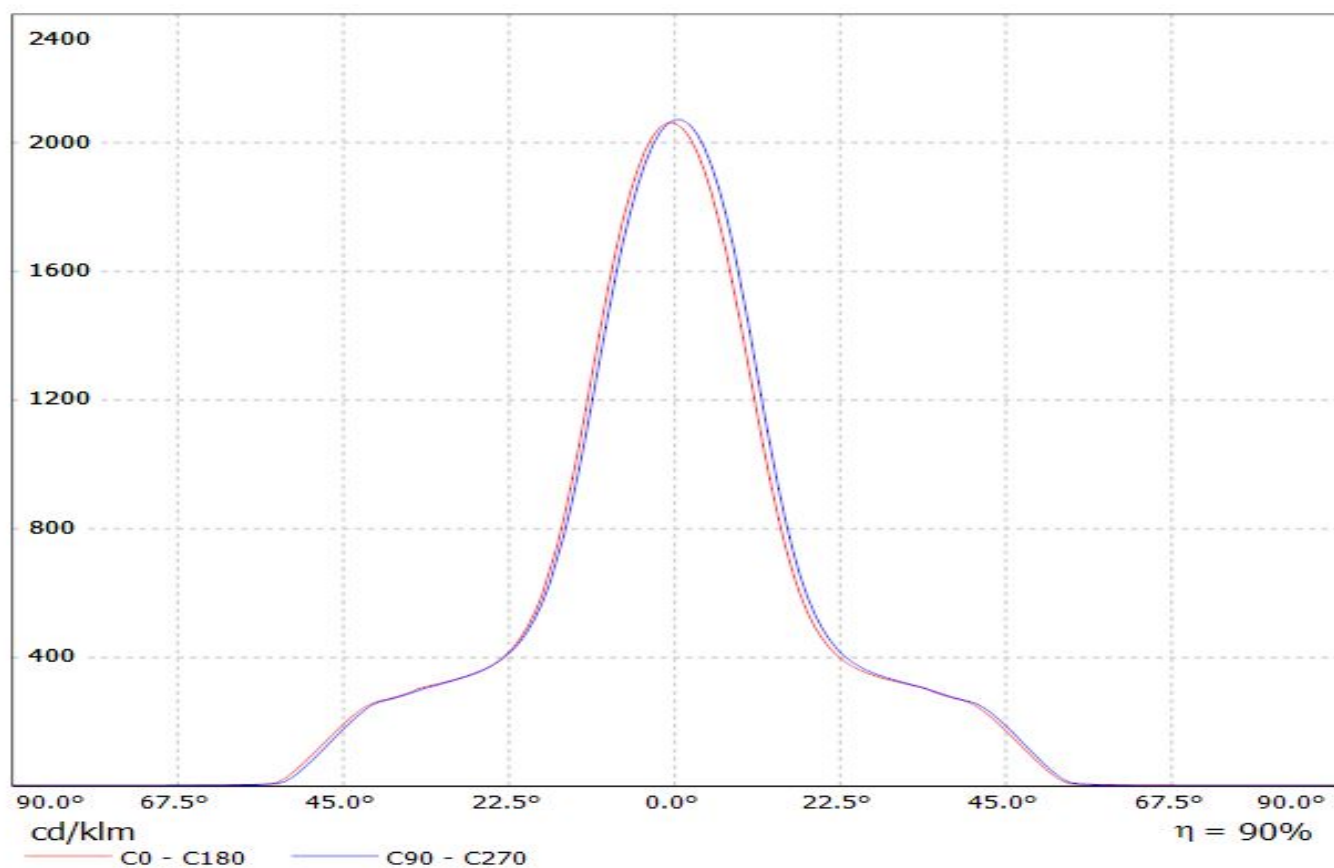
Luminaire: LEDiL Oy F13325_ANGELINA-S_(FORTIMO_3000) Eff.90.9%
Lamps: 1 x PHILIPS Fortimo LED SLM 3000 28W/830 L19 G3 1046.76lm@250mA CCT=3000K P=9W I=250mA



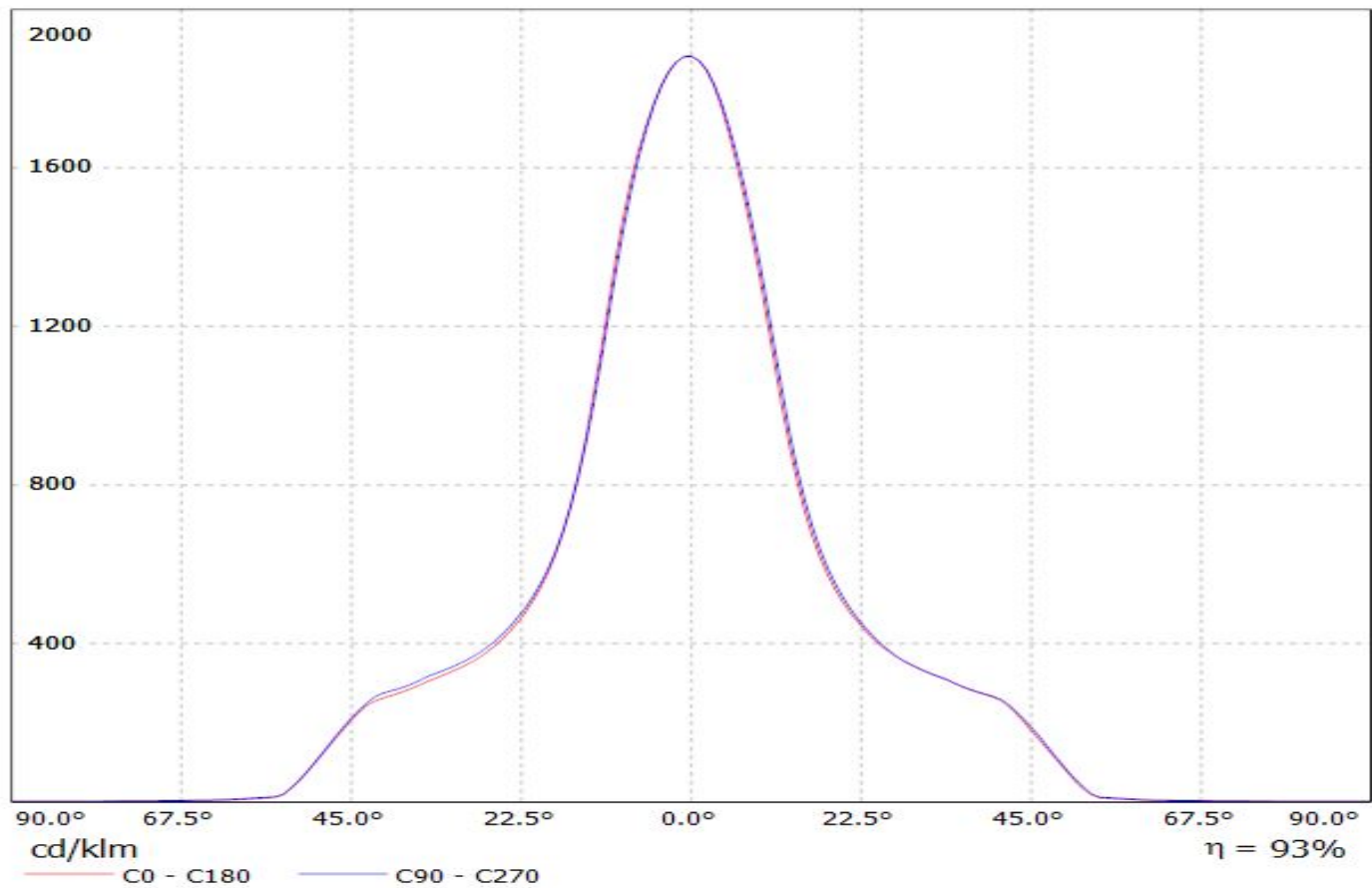
Luminaire: LEDiL Oy F13325_ANGELINA-S_(COB-LC026B) Eff.93.5%
Lamps: 1 x SAMSUNG_COB-LC026B_(SPHWWTHDNC25YHV52F)_1136.23lm@250mA_P=8.23191W_I=249.8mA



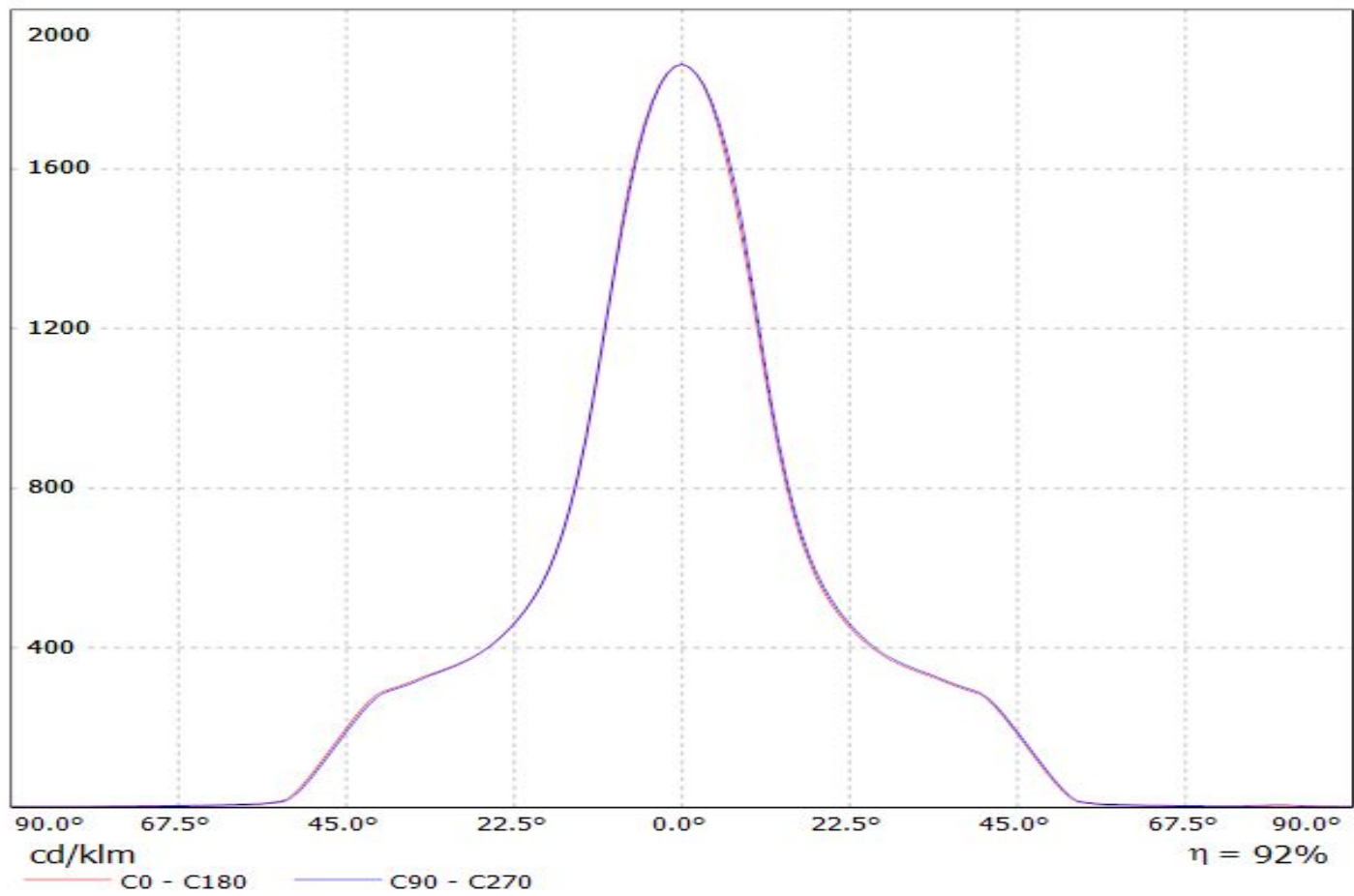
Luminaire: LEDiL Oy F13325_ANGELINA-S_(STARK_SLE_G2_LES23) Eff.90.5%
Lamps: 1 x TRIDONIC STARK SLE G2 LES23 830 CLA 982.73lm@250mA CCT=3000K P=8W I=250mA



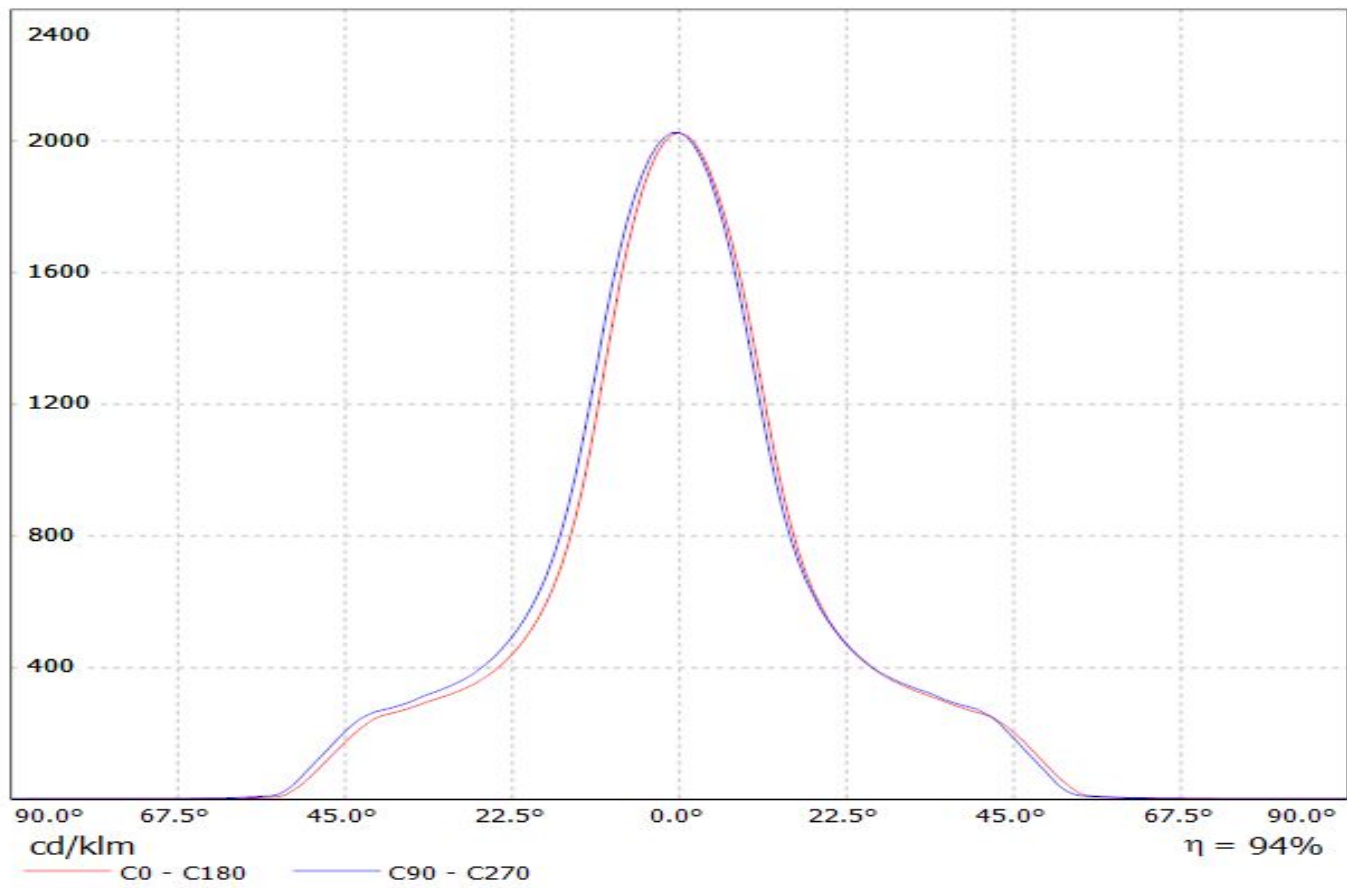
Luminaire: LEDiL Oy F13325_ANGELINA-S_(WU-M-486) Eff.93.3%
Lamps: 1 x Vossloh_Schwabe-WU-M-486_(WU-M-486-830)
_1474.55lm@250mA_P=10.4456W_I=249.8mA



Luminaire: LEDiL Oy F13325_ANGELINA-S_(Fortimo LED SLM L19 G4)
Lamps: 1 x Fortimo LED SLM L19 G4_1114.89lm@250mA_P=8.04906W_I=0.2498A

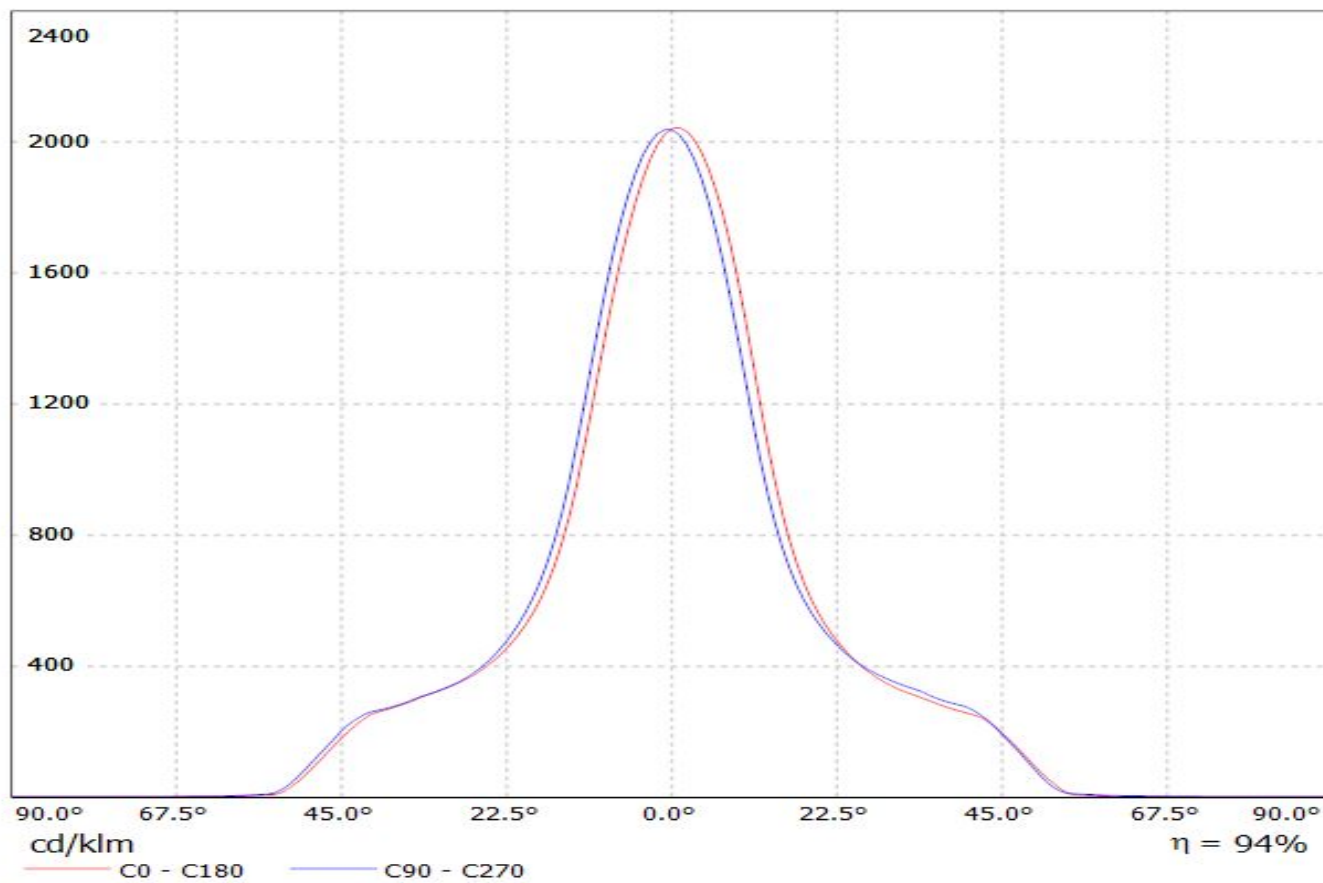


Luminaire: LEDiL Oy F13325_ANGELINA-S_(WU-M-462-827)
Lamps: 1 x Vossloh_WU-M-462-827_1116.7lm@250mA_P=8.9943W_I=249.8mA

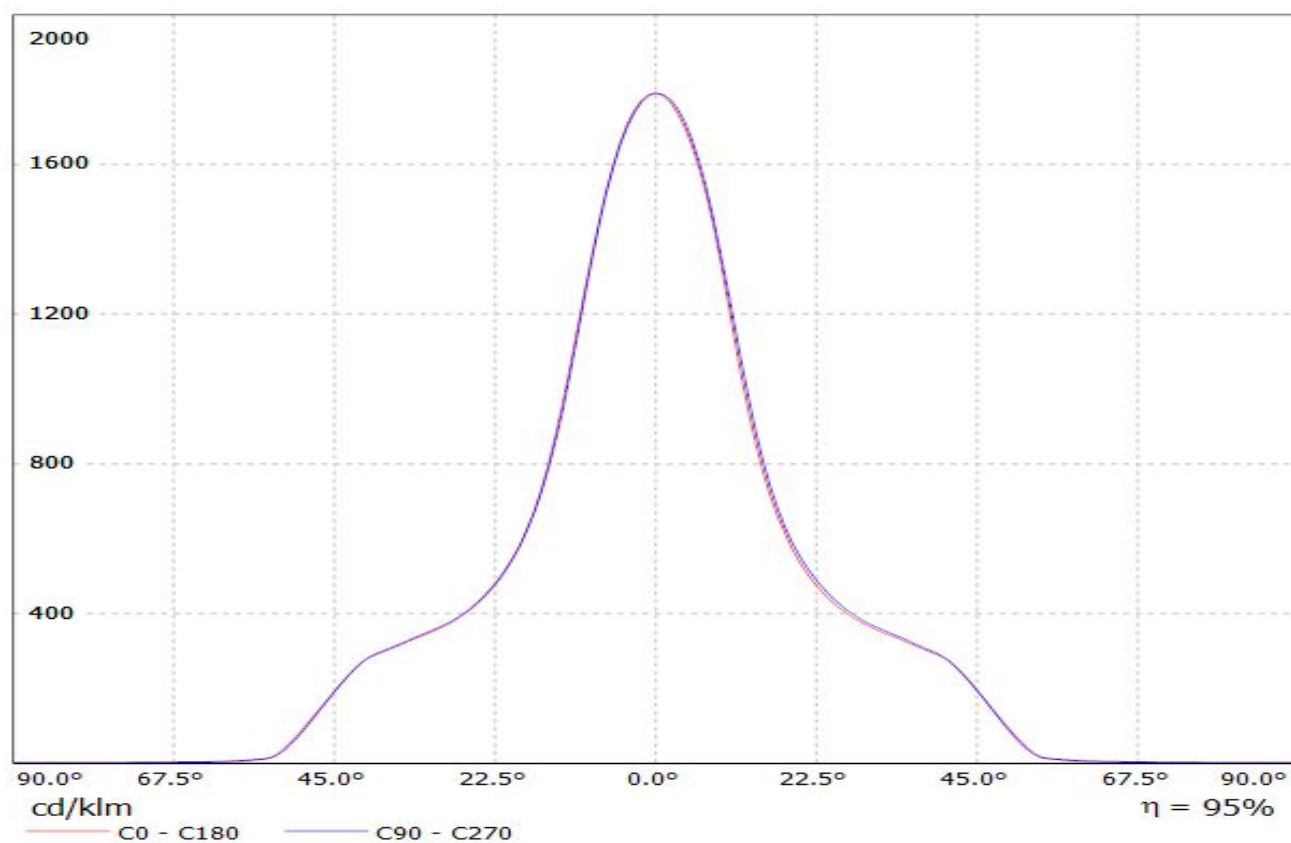


Luminaire: LEDiL Oy F13325_ANGELINA-S_(WU-M-464-827)

Lamps: 1 x Vossloh_WU-M-464-827_1452.93lm@250mA_P=11.6939W_I=249.8mA

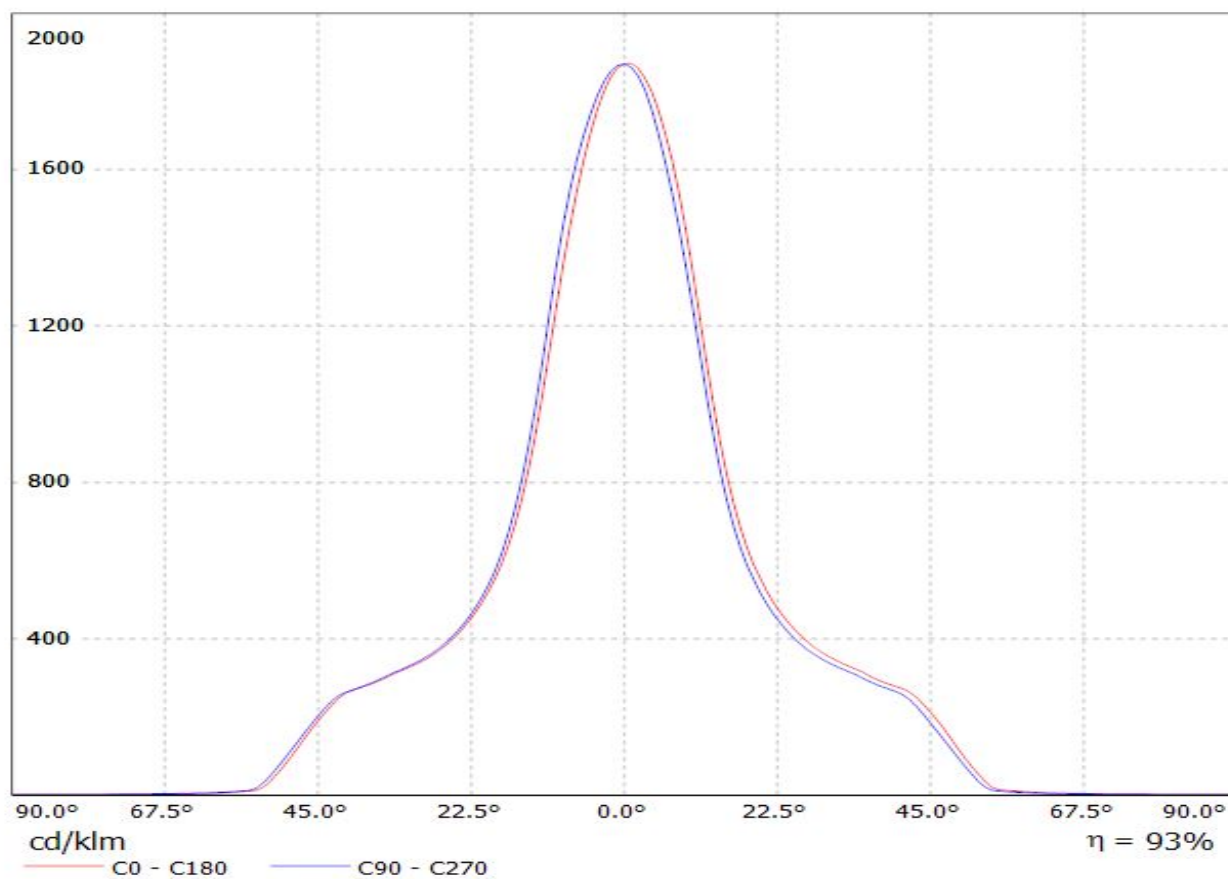


Luminaire: LEDiL Oy F13325_ANGELINA-S_(PrevaLED_LES23) Eff. 94%
Lamps: 1 x OSRAM PrevaLED_LES23_(PL-CORE-5000-930-Z3)_1102.2lm@250mA_P=9.93654W_I=249.8mA

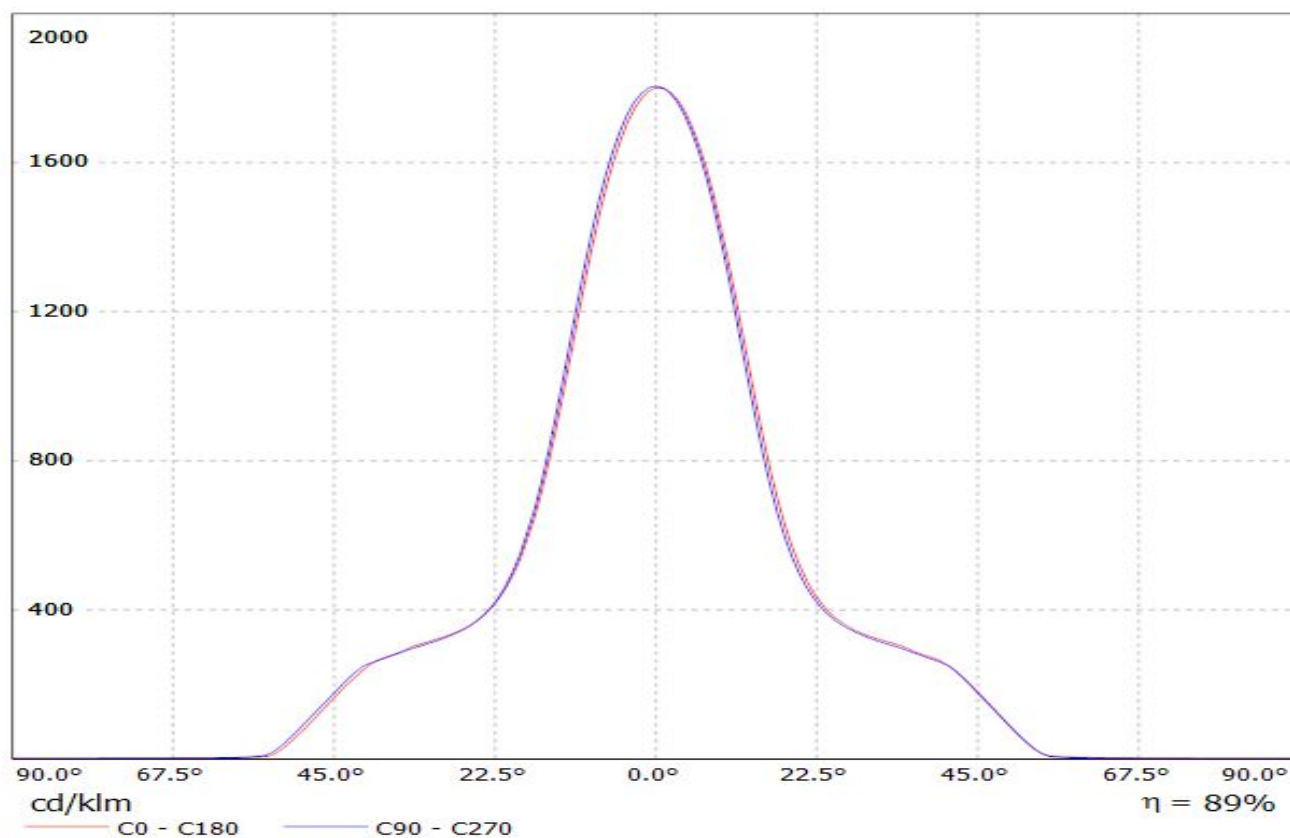


Luminaire: LEDiL Oy F13325_ANGELINA-S_(WU-M-485)

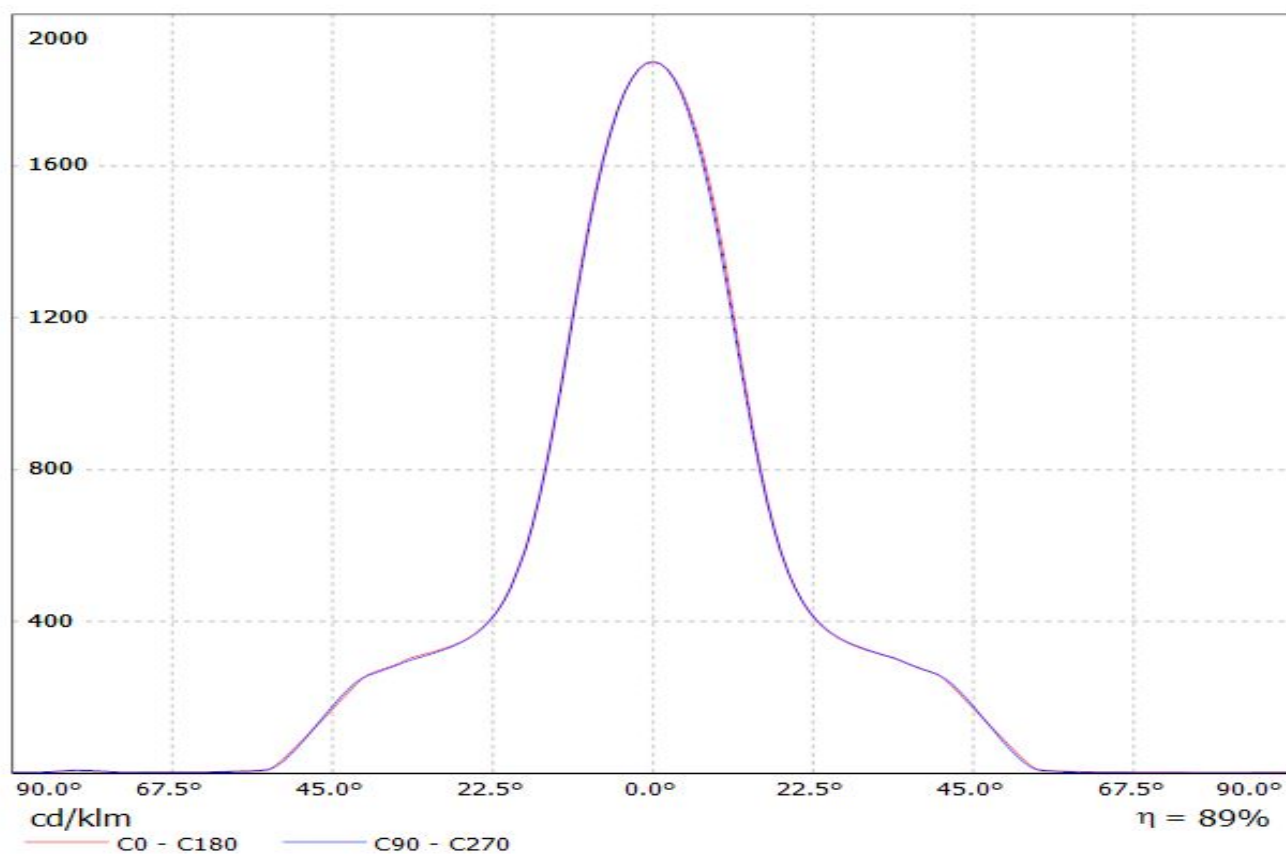
Lamps: 1 x Vossloh_Schwabe-WU-M-485_(WU-M-485-830)_1209.62lm@250mA_P=8.43849W_I=249.8mA



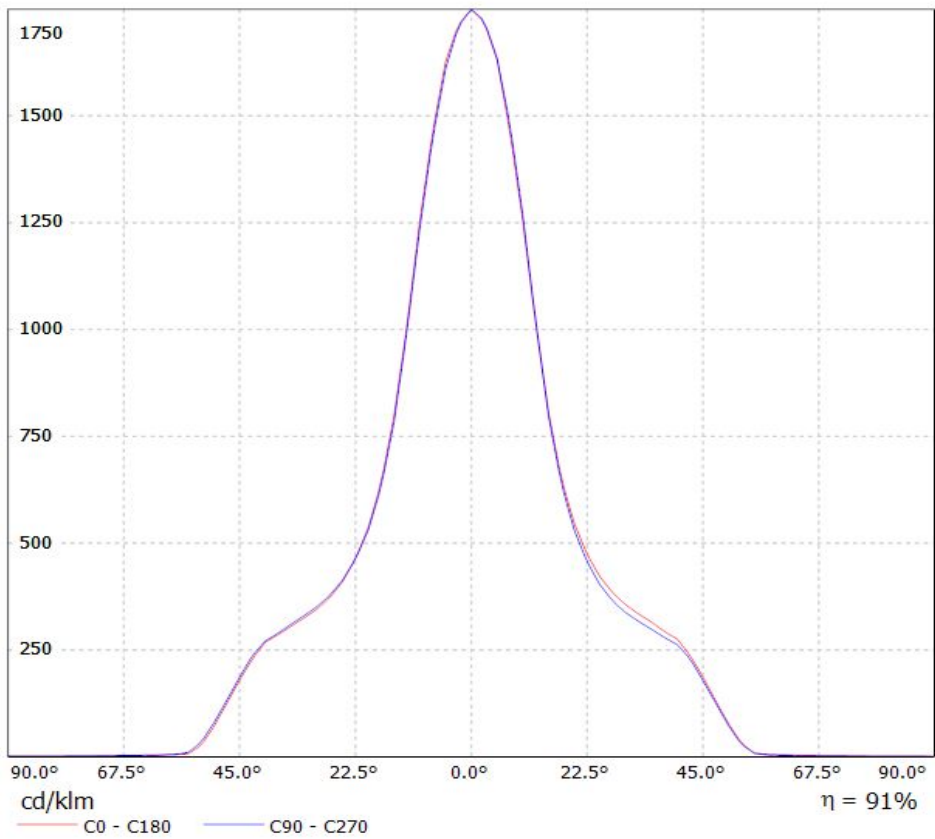
Luminaire: LEDiL Oy F13325_ANGELINA-S_(STARK_SLE_G2_LES26) Eff.89.2%
Lamps: 1 x TRIDONIC STARK SLE G2 LES26 830 CLA 1095.88lm@250mA CCT=3000K P=8W I=250mA



Luminaire: LEDiL Oy F13325_ANGELINA-S_(FORTIMO_4500) Eff.89.2%
Lamps: 1 x PHILIPS Fortimo 4500 1197lm@250mA I:250mA P:10.8W

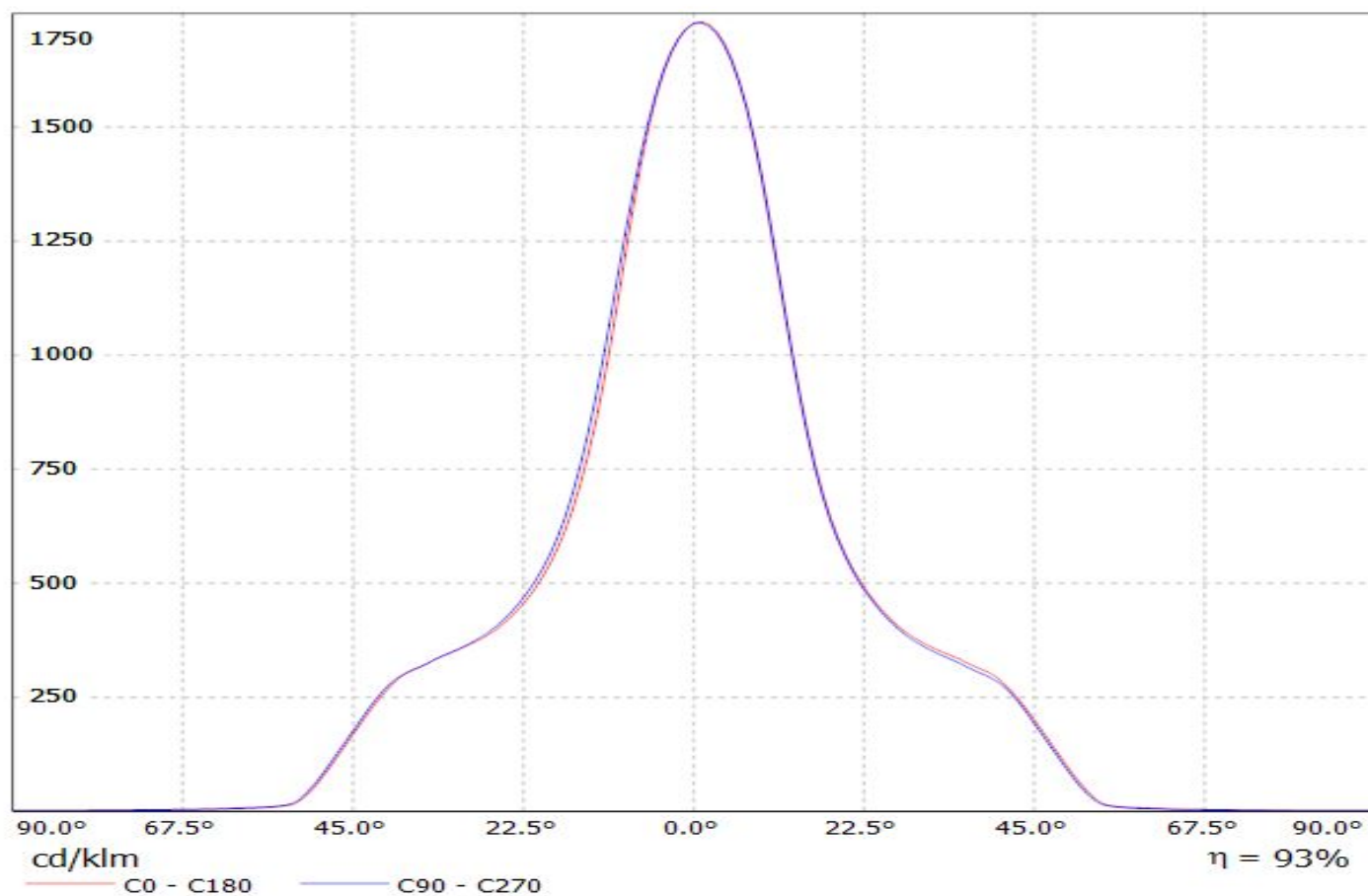


Luminaire: LEDiL Oy F13325_ANGELINA-S_(SLE_G3_LES23) Eff.91.2%
Lamps: 1 x TRIDONIC_STARK_SLE_G3_LES23_(STARK-SLE-PURE_G3-23-3000-930-SEL)_813.196lm@250mA_CCT=3000K_P=8.20018W_I=249.8mA

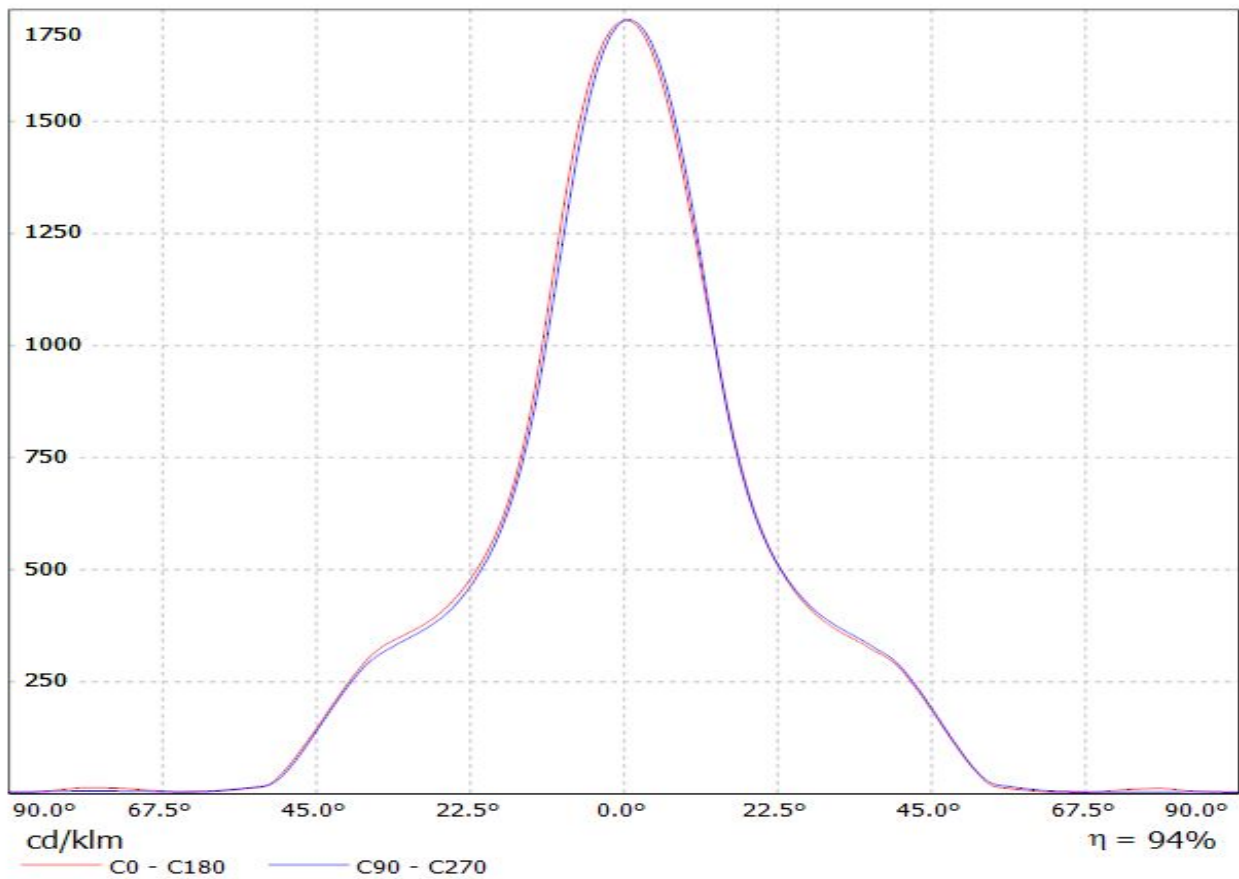


Luminaire: LEDiL Oy F13325_ANGELINA-S (SLE_G4_LES23)

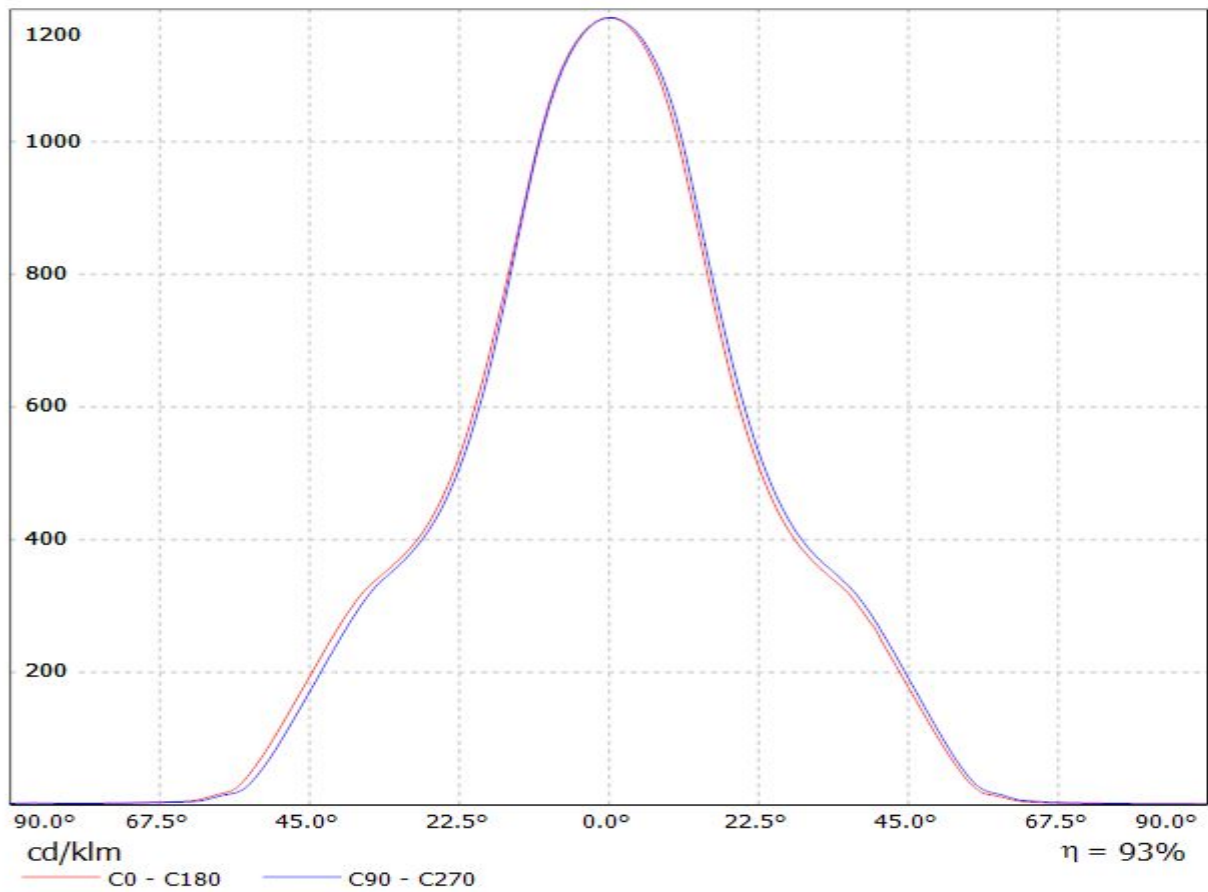
Lamps: 1 x Tridonic_SLE_G4_LES23_1354.57lm@250mA_P=8.18744W_I=0.2498A



Luminaire: LEDiL Oy F13325_ANGELINA-S_(CXA30) Eff.94%
Lamps: 1 x CREE_CXA30_(CXA3050-3C0-Y2-N0H)_1340.66lm@250mA_P=8.16471W_CCT=5000K_I=249.8mA

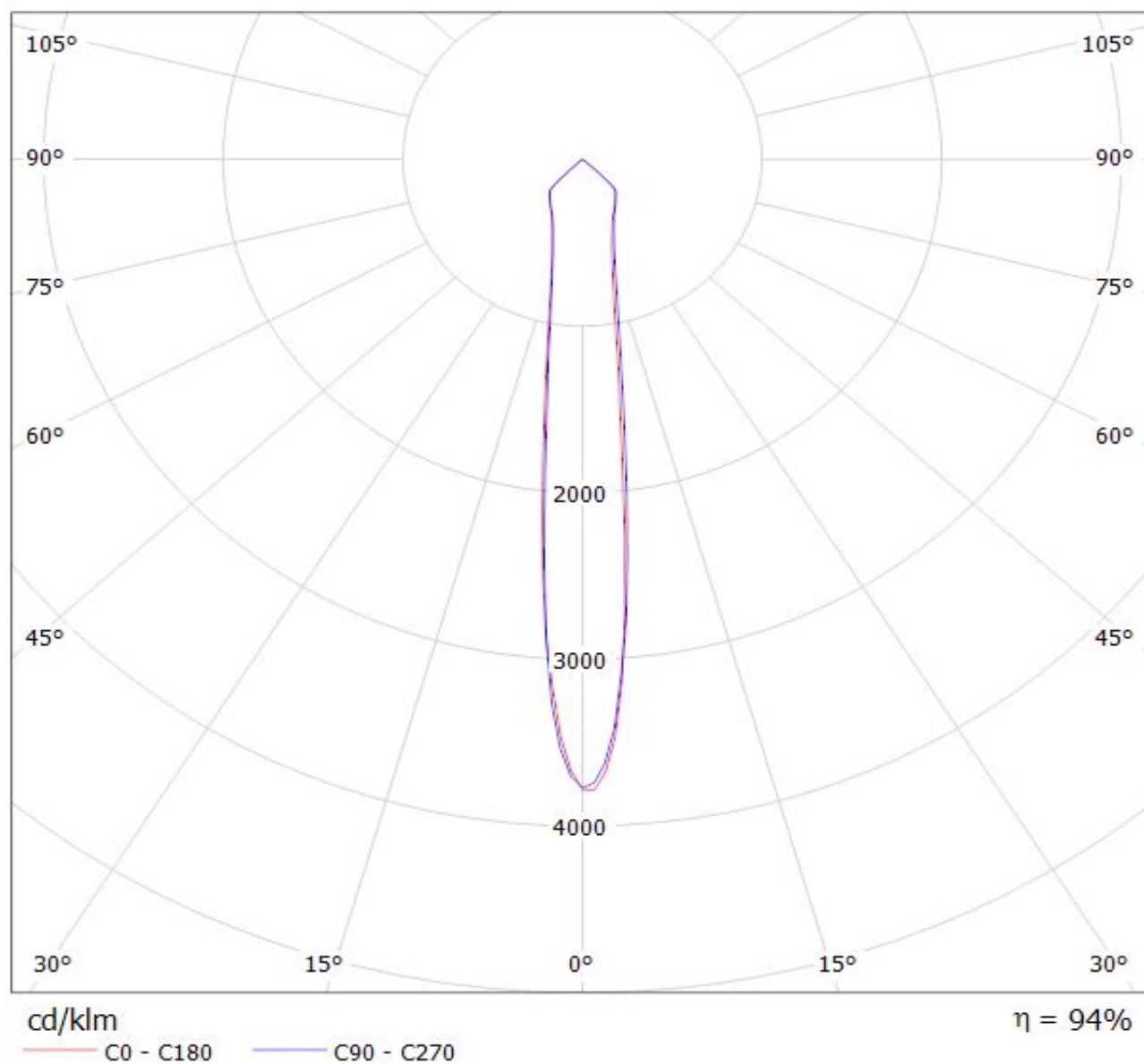


Luminaire: LEDiL Oy F13325_ANGELINA-S_(CXA3590)
Lamps: 1 x CREE_CXA3590_(CXA3590-30F-BD-R0H-0002)_2640.14lm@250mA_CCT=3000K_P=16.3941W_I=249.8mA



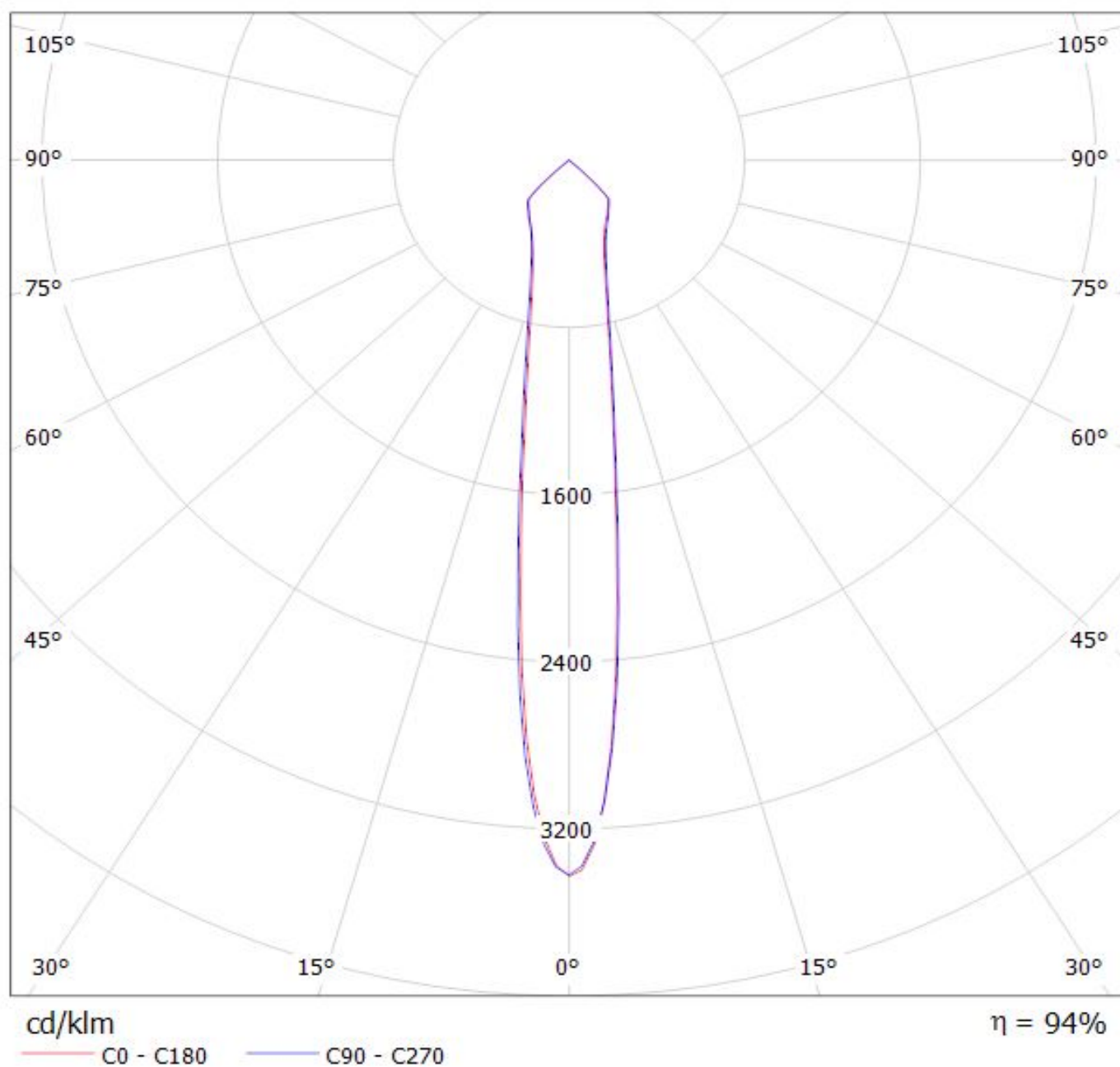
Luminaire: LEDiL Oy F13325_ANGELINA-S_(PrevaLED_LES9) Eff. 94%

Lamps: 1 x PrevaLED_LES9_(PL-CORE-1100-830-Z3)_507.9lm@100mA_P=4.5039W_I=100.1mA

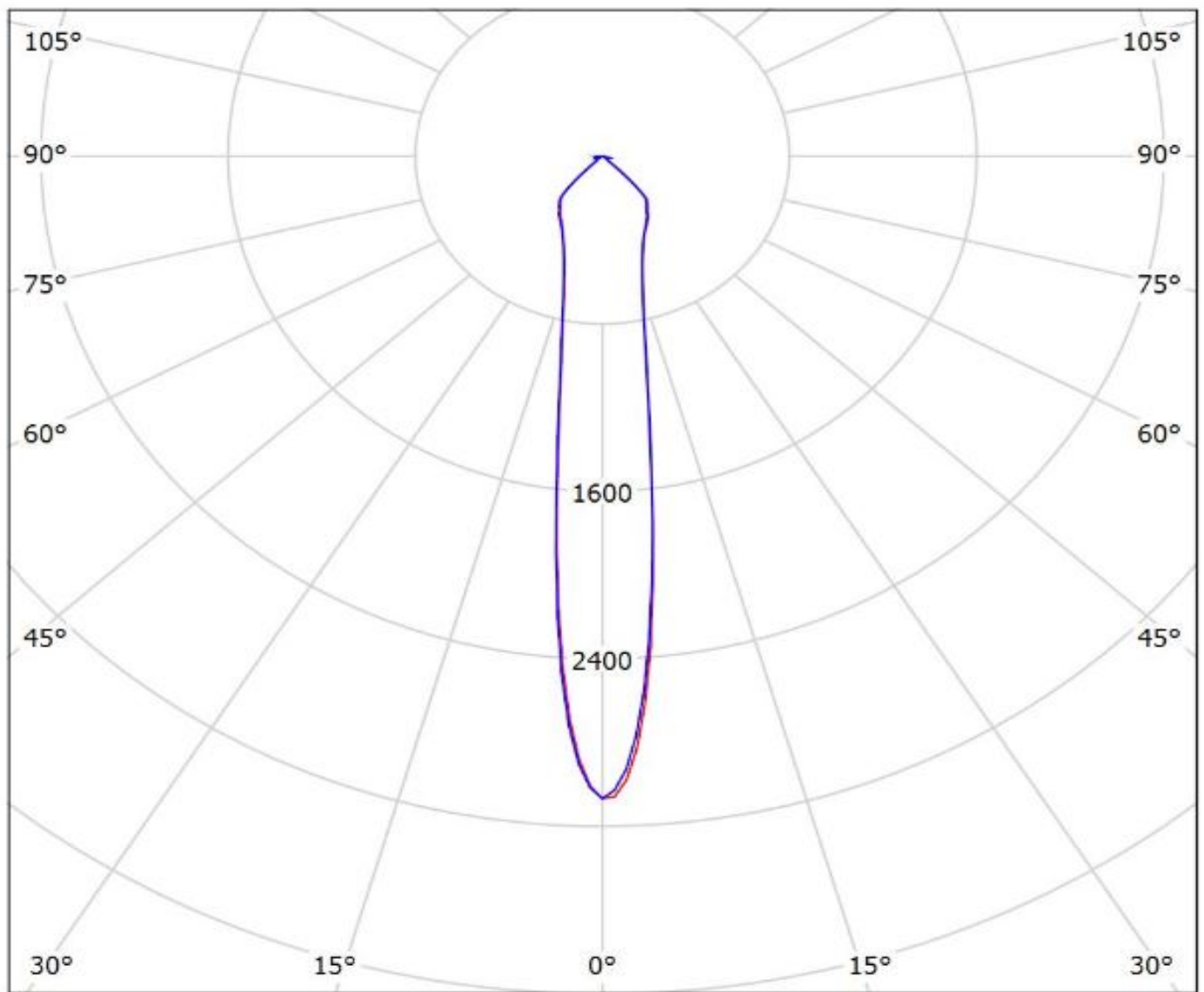


Luminaire: LEDiL Oy F13325_ANGELINA-S_(Fortimo LED SLM 1100 lm 830 L9 G4)

Lamps: 1 x Fortimo LED SLM 1100 lm 830 L9 G4_1021.27lm@250mA_P=9.2431W_I=0.2498A



Luminaire: Ledil F13325_ANGELINA-S_(CLU720)
Lamps: 1 x CITIZEN_CLU720_(CLU720-1206B8-273M2)
_1337.27lm@250mA_CCT=2700K_P=8.35W_I=0.25A



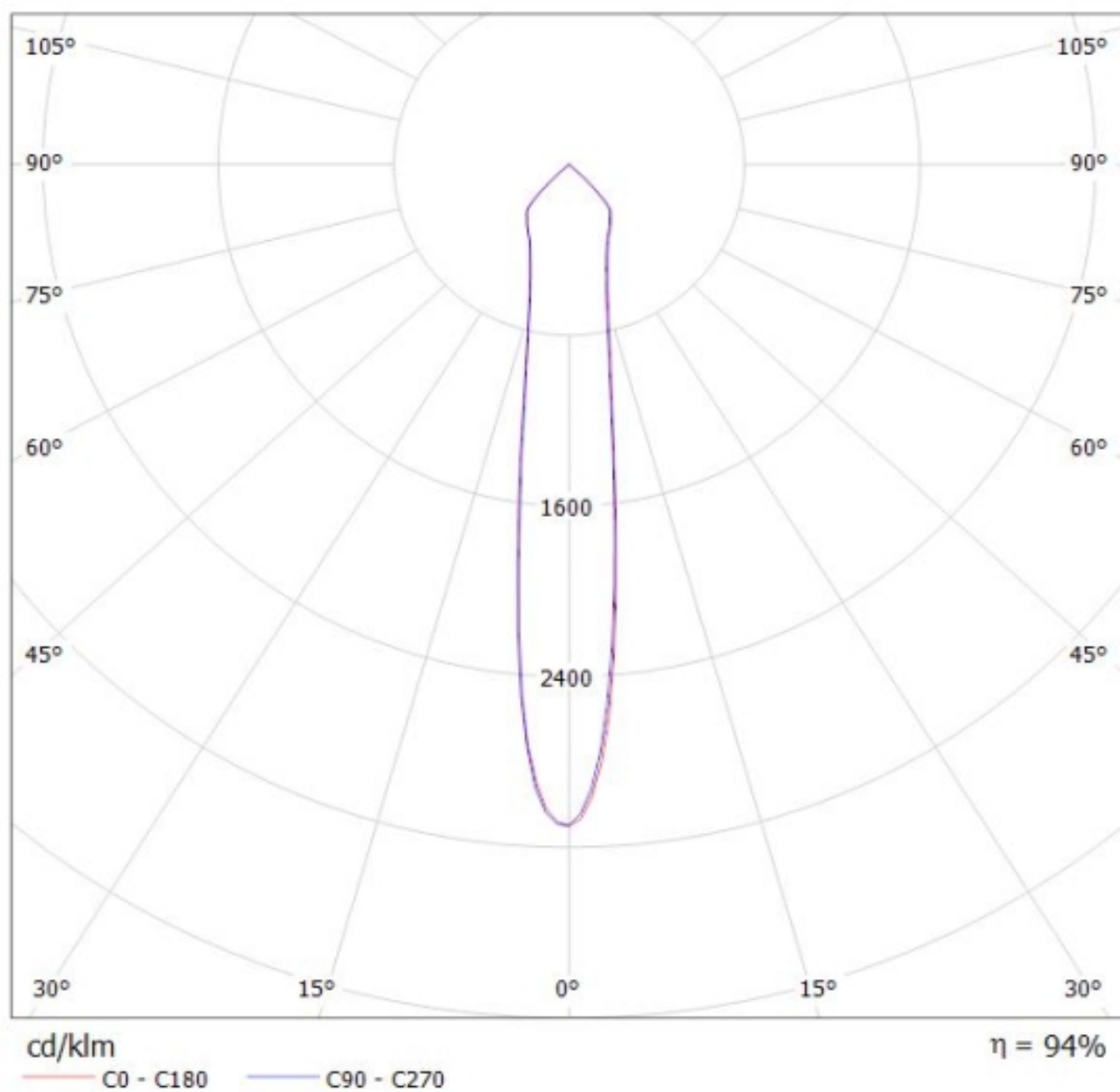
cd/klm

$\eta = 95\%$

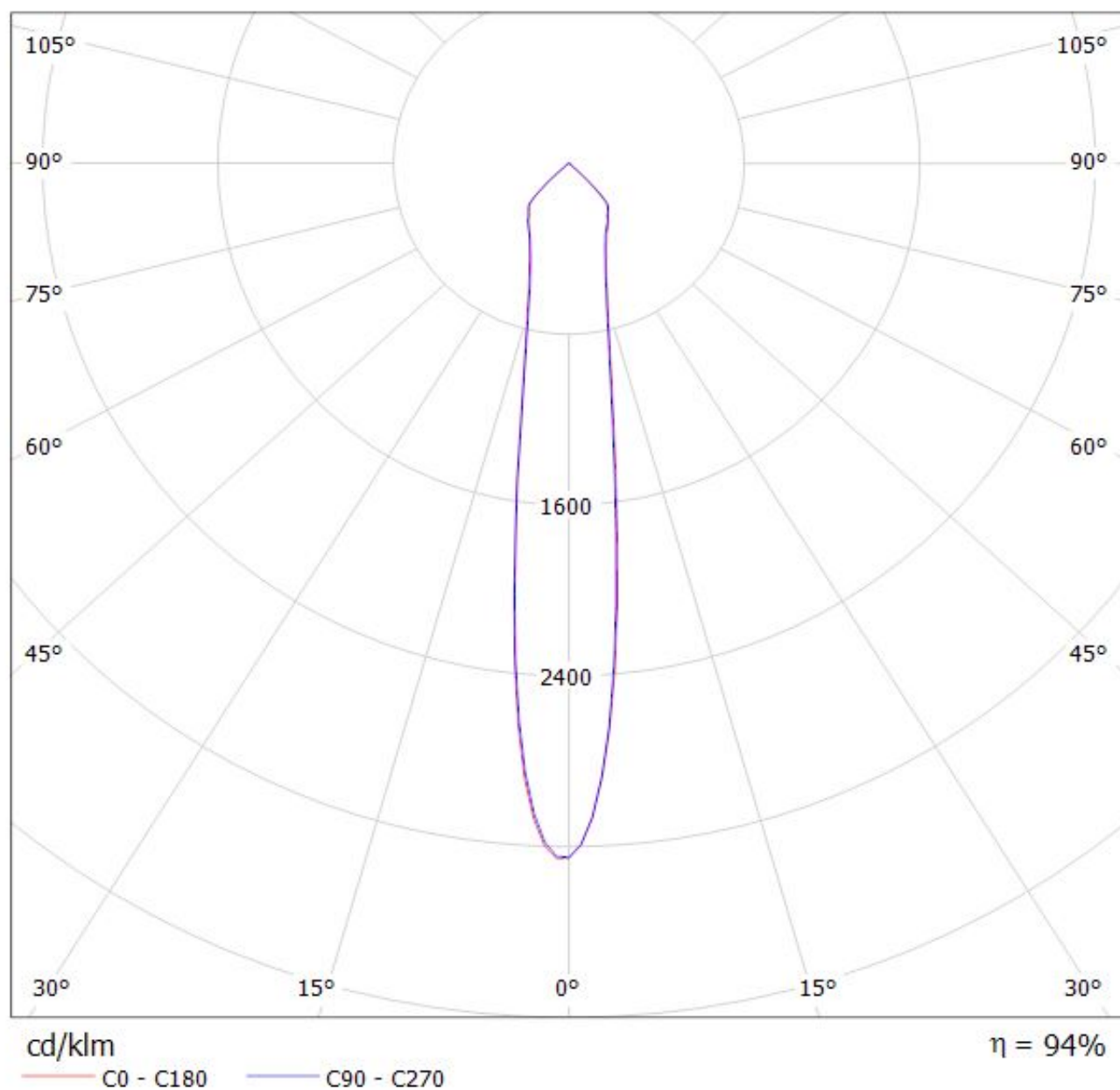
— C0 - C180 — C90 - C270

Luminaire: LEDiL Oy F13325_ANGELINA-S_(LEP-800-827-C-AC)

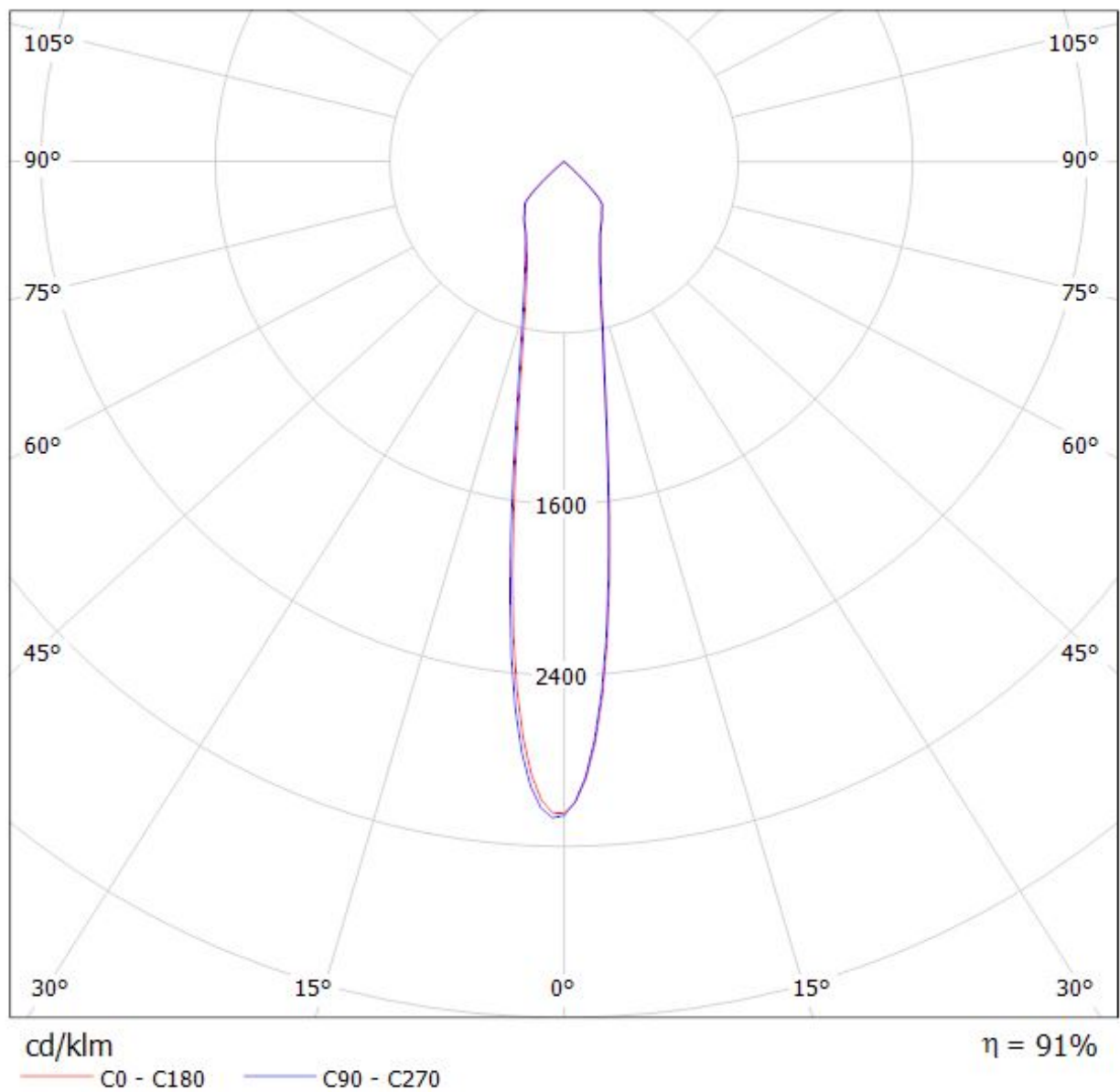
Lamps: 1 x OSRAM PrevaLED Core AC (LEP-800-827-C-AC) 910lm@60mA U:230V P:14W



Luminaire: LEDiL Oy F13325_ANGELINA-S_(CXA1816) Eff. 94%
Lamps: 1 x CREE_CXA1816_1050lm@250mA_P=8.65157W_I=249.9mA



Luminaire: LEDiL Oy F13325_ANGELINA-S_(NSBxL121A) Eff.91.2%
Lamps: 1 x NICHIA_NSBxL121A_(NSBLL121AE)_805.561lm@250mA_CCT=3000K_P=7.3681W_I=249.8mA

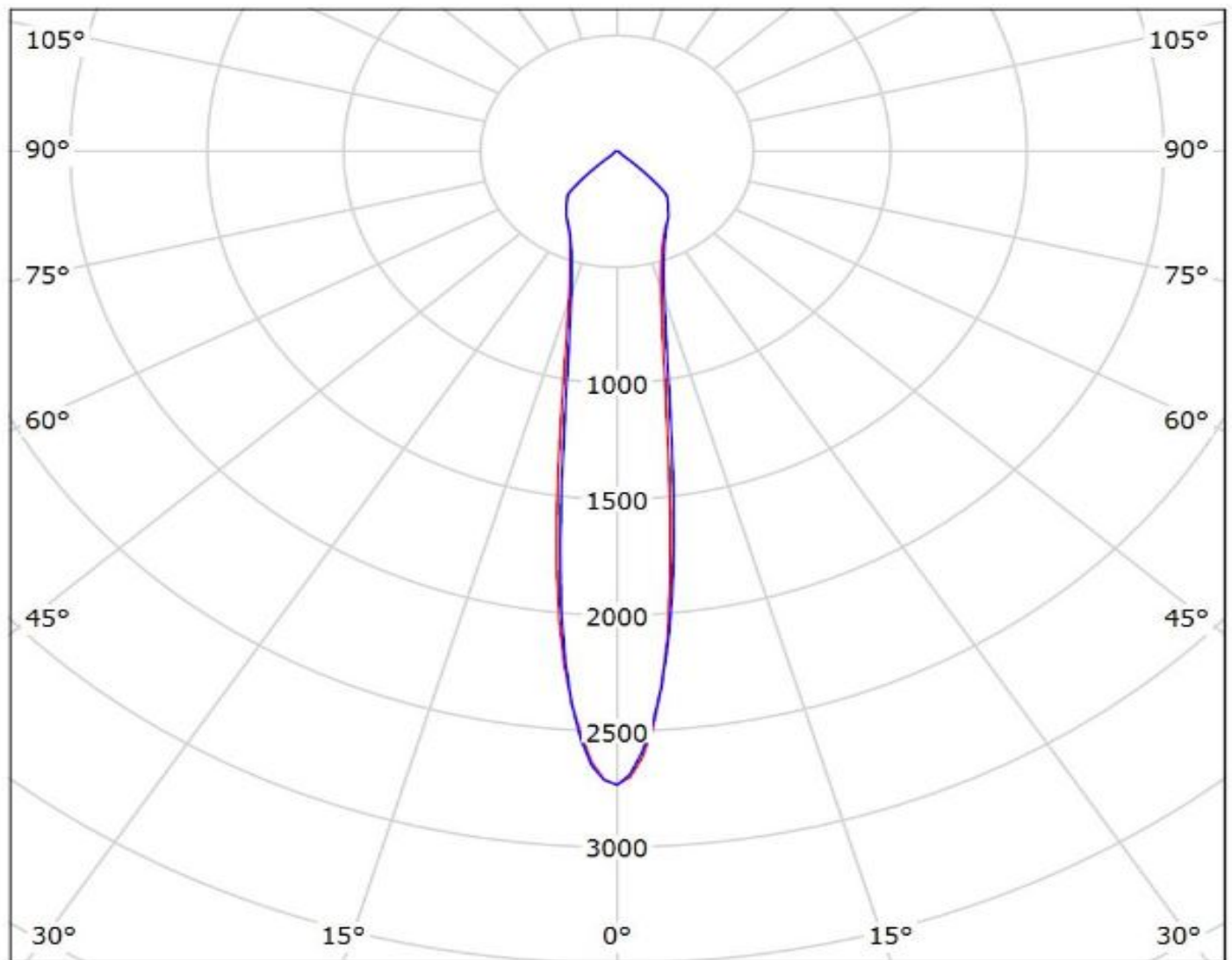


Ledil F13325_ANGELINA-S_(CLU720) / LDC (Polar)

Luminaire: Ledil F13325_ANGELINA-S_(CLU720)

Lamps: 1 x CITIZEN_CLU720_(CLU720-1206B8-273M2)

_1340.38lm@250mA_CCT=2700K_P=8.35W_I=0.25A



cd/klm

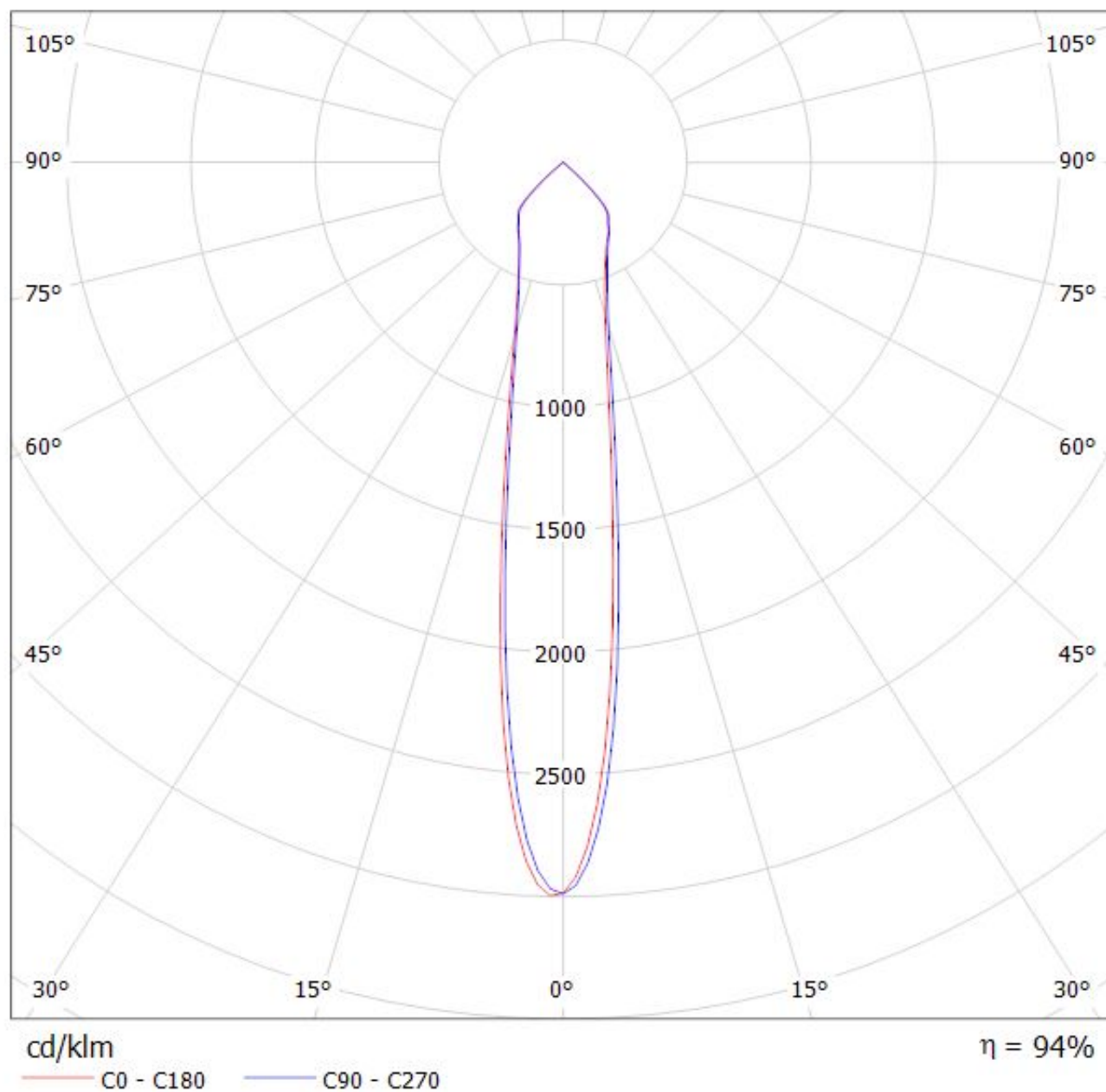
— C0 - C180

— C90 - C270

$\eta = 95\%$

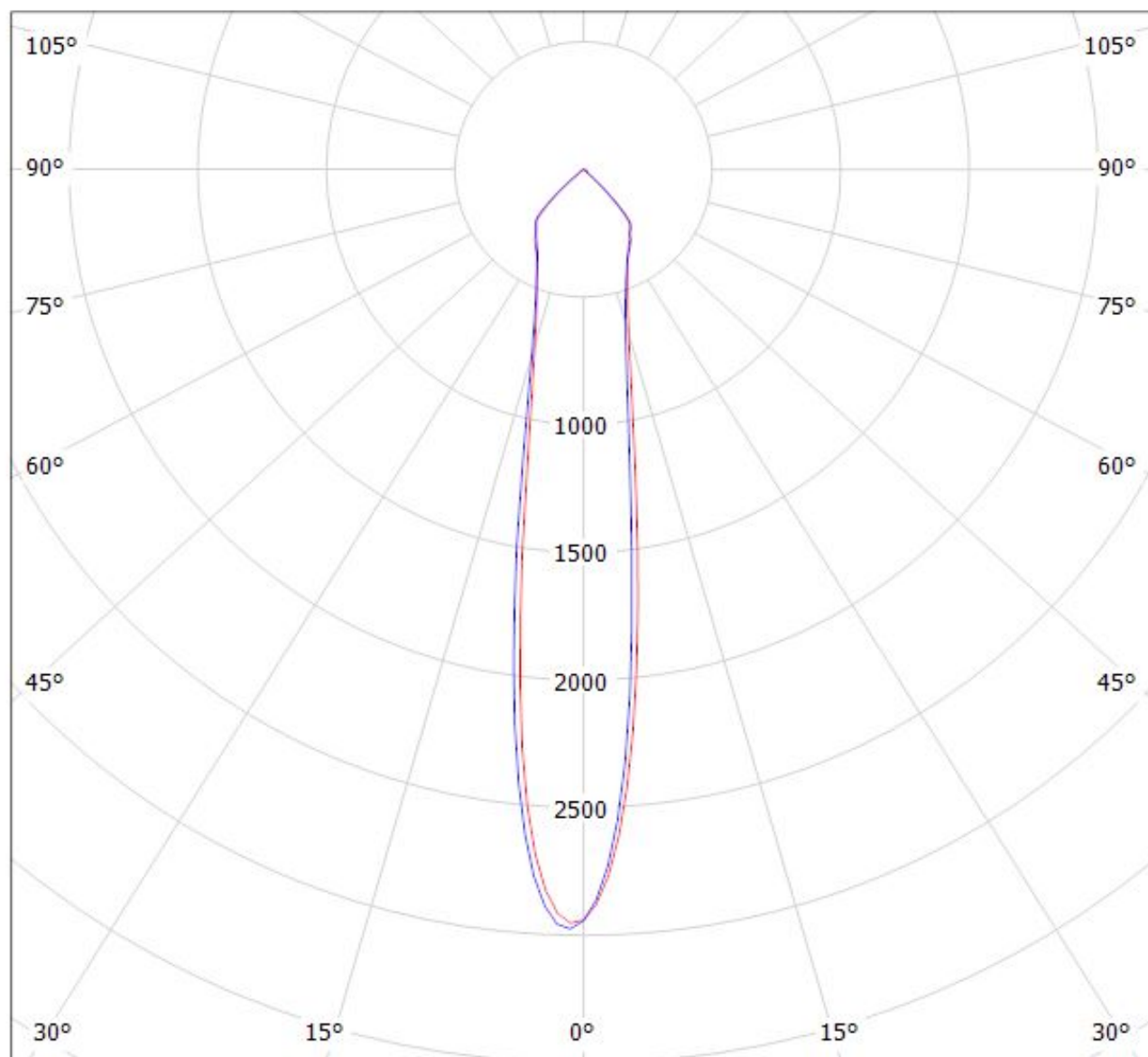
Luminaire: LEDiL Oy F13325_ANGELINA-S_(BXRA_ES) Eff.93.8%

Lamps: 1 x BXRA_ES_(BXRA-W1203_102820-3110)_281.549lm@250mA_P=4.09397W_I=249.8mA



Luminaire: LEDiL Oy F13325_ANGELINA-S_(LUXEON_COB_1205) Eff.93.8%

Lamps: 1 x LUXEON_COB_1205_(LHC1-3080-1205)_1084.49lm@250mA_CCT=3000K_P=8.31784W_I=249.8mA



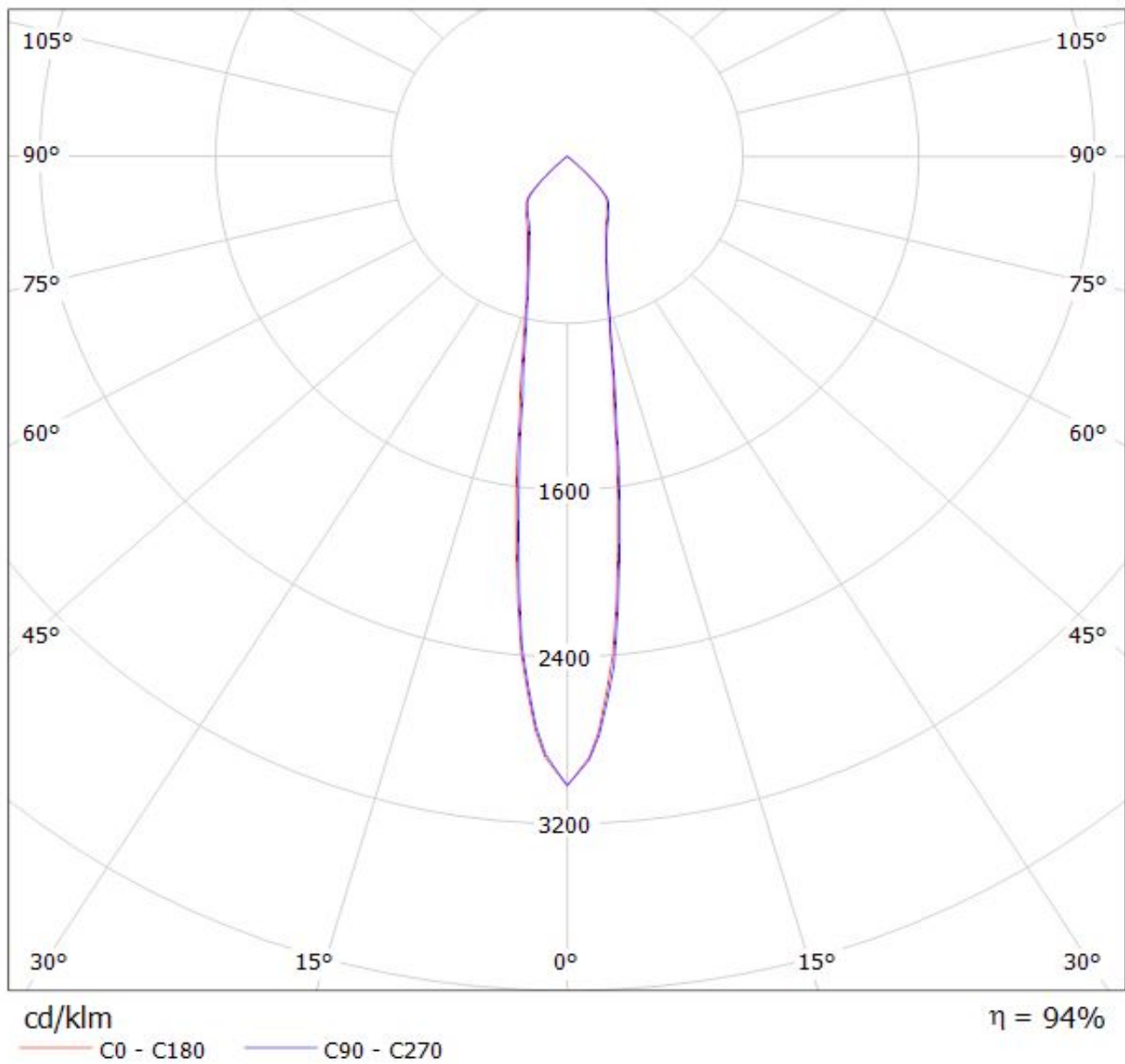
cd/klm

$\eta = 94\%$

— C0 - C180

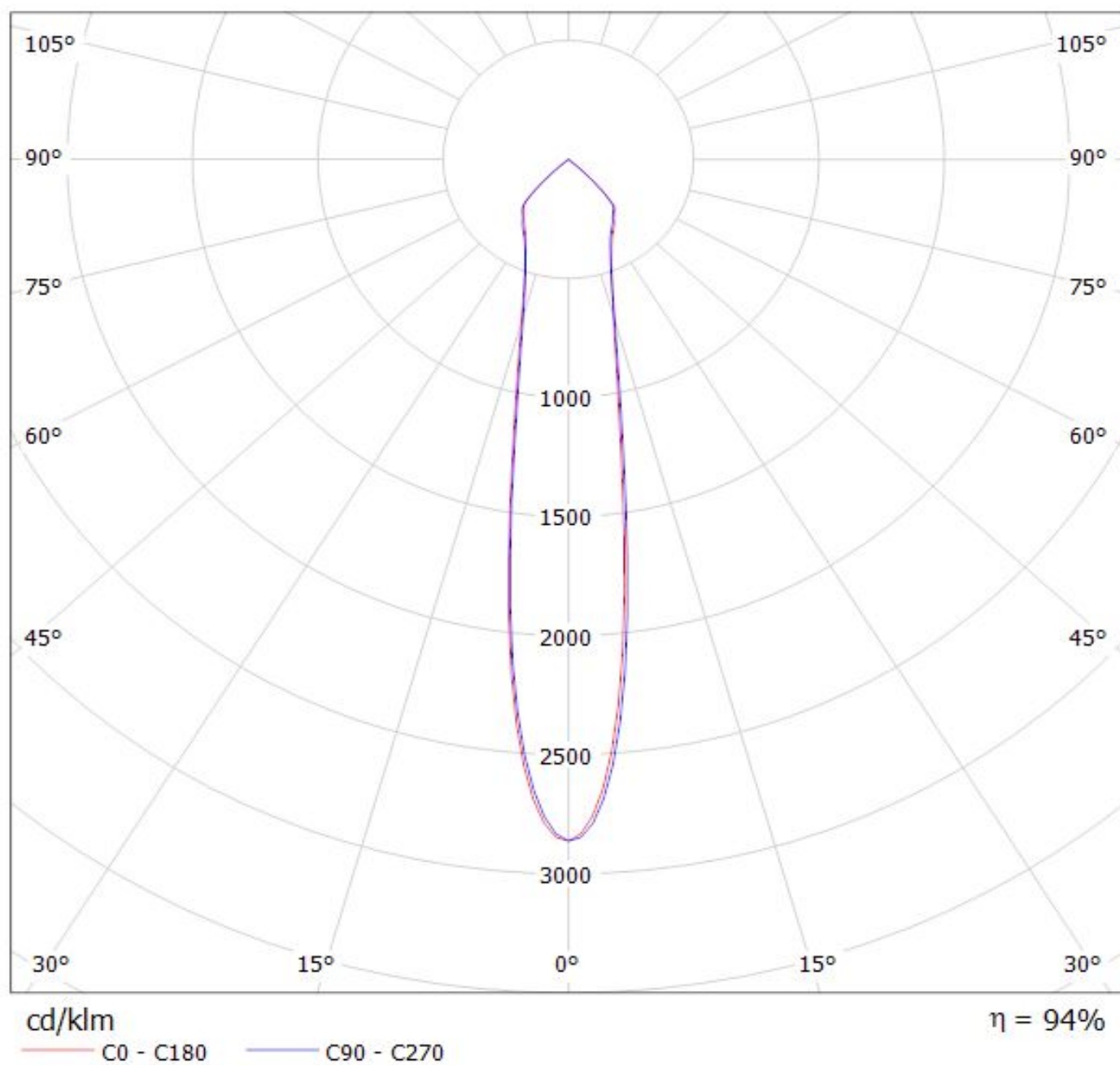
— C90 - C270

Luminaire: LEDiL Oy F13325_ANGELINA-S_(LG_COB-10W) Eff.93.9%
Lamps: 1 x LG_COB-10W_1024lm@250mA_CCT=5090K_P=9W_I=250mA

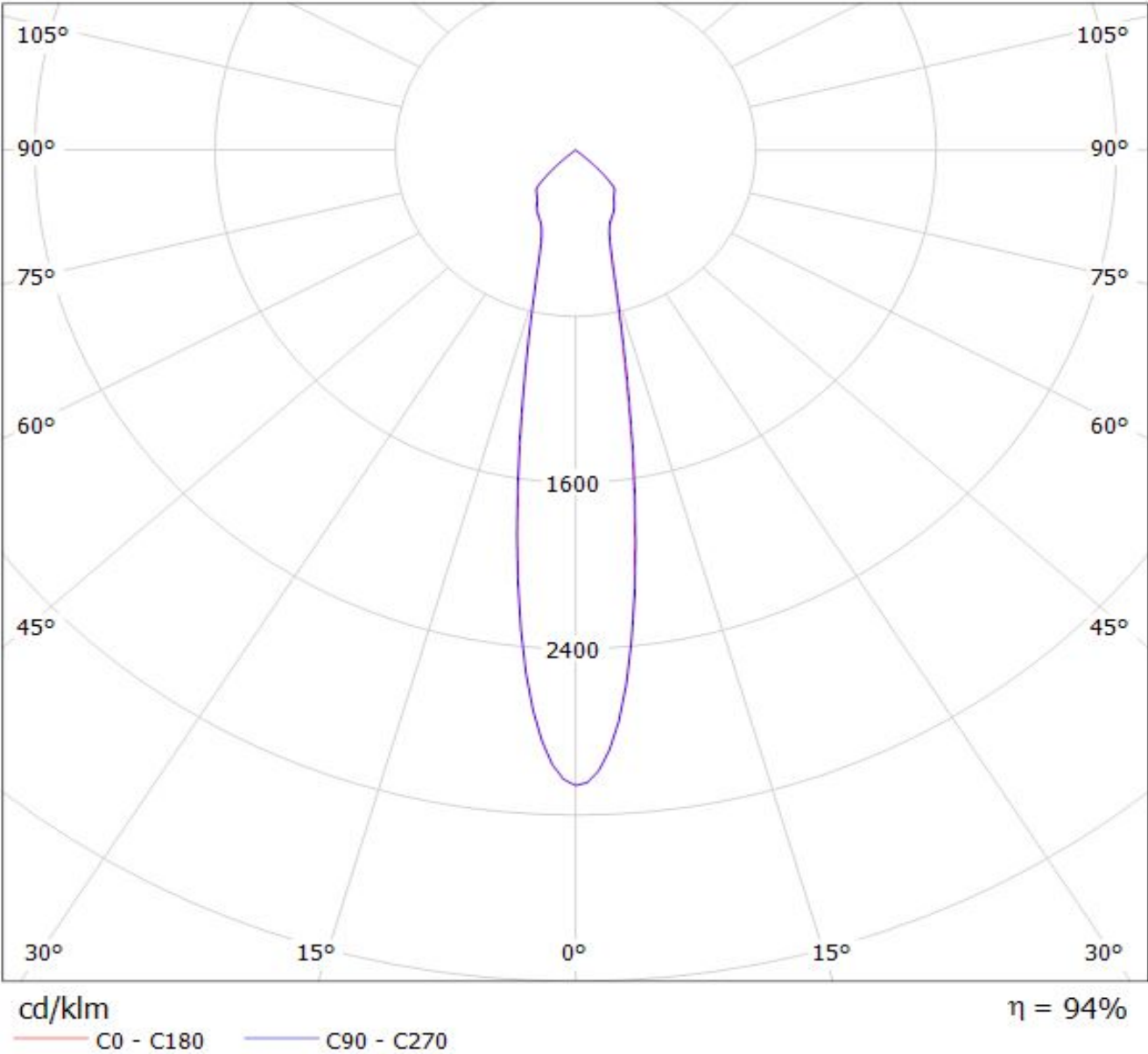


Luminaire: LEDiL Oy F13325_ANGELINA-S_(Fortimo LED SLM L13 G4)

Lamps: 1 x Fortimo LED SLM L13 G4_1030.19lm@250mA_P=8.38104W_I=0.2498A

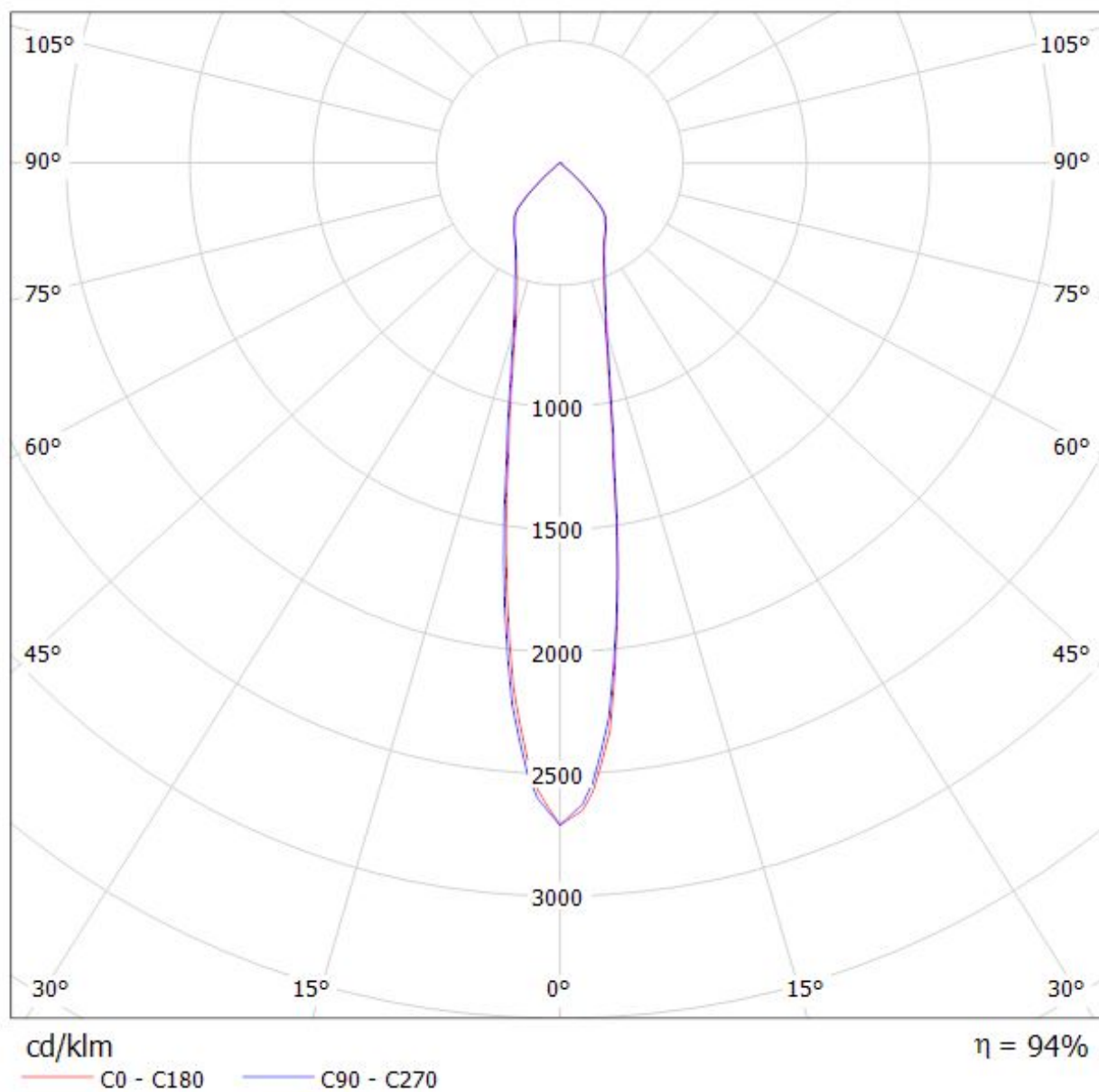


Luminaire: LEDiL Oy F13325_ANGELINA-S_(LUXEON CoB 1205) Eff: 94 %
Lamps: 1 x LUXEON CoB 1205 (LHC1-3080-1205) 1082lm@250mA CCT=3000K P=8.3W I=250mA

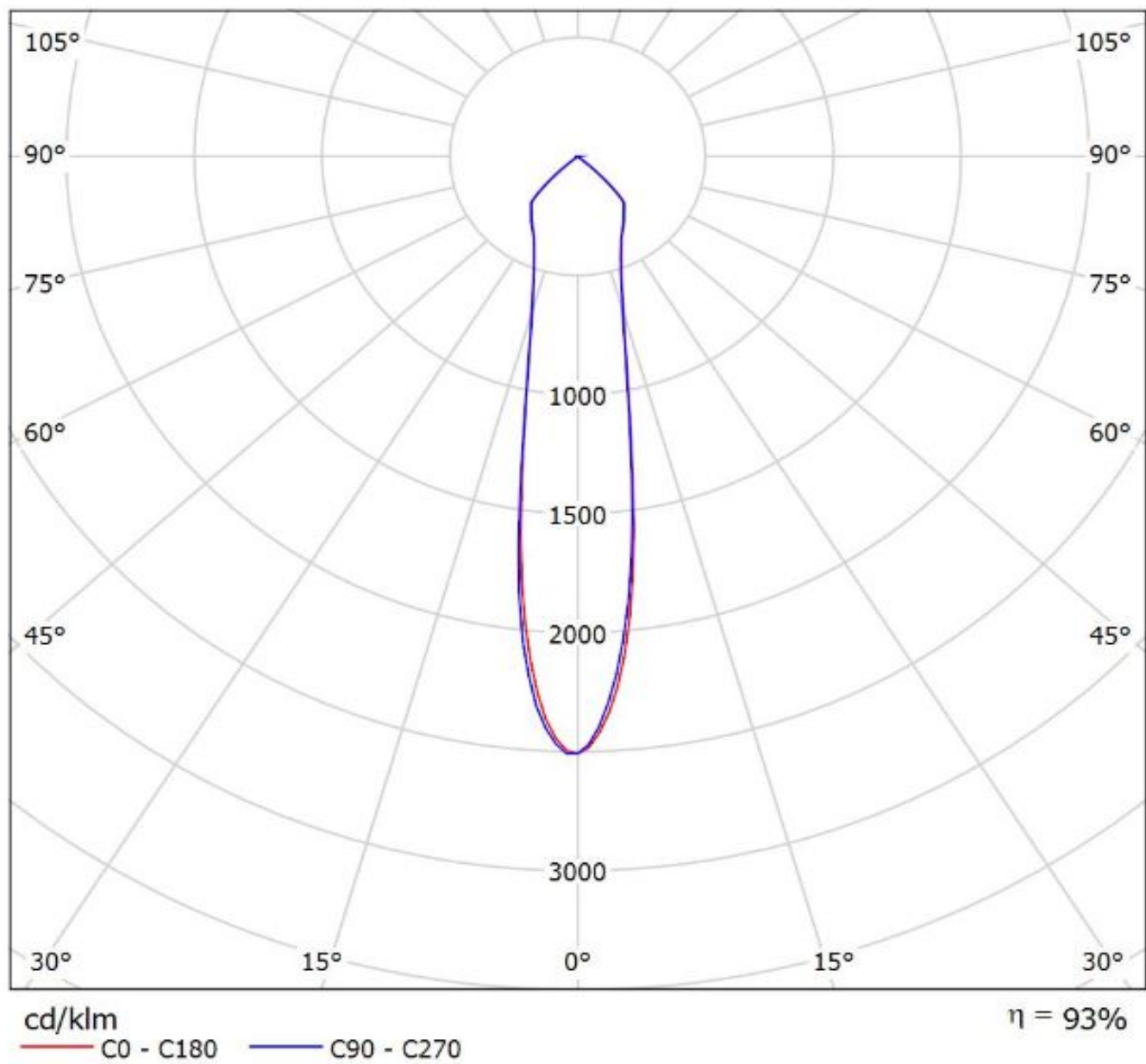


Luminaire: LEDiL Oy F13325_ANGELINA-S_(CLL030) Eff.93.6%

Lamps: 1 x CITIZEN_CLL030_(CLL030-1205A5-303H1A7)_758.588lm@250mA_CCT=5090K_P=8.61086W_I=249.8mA

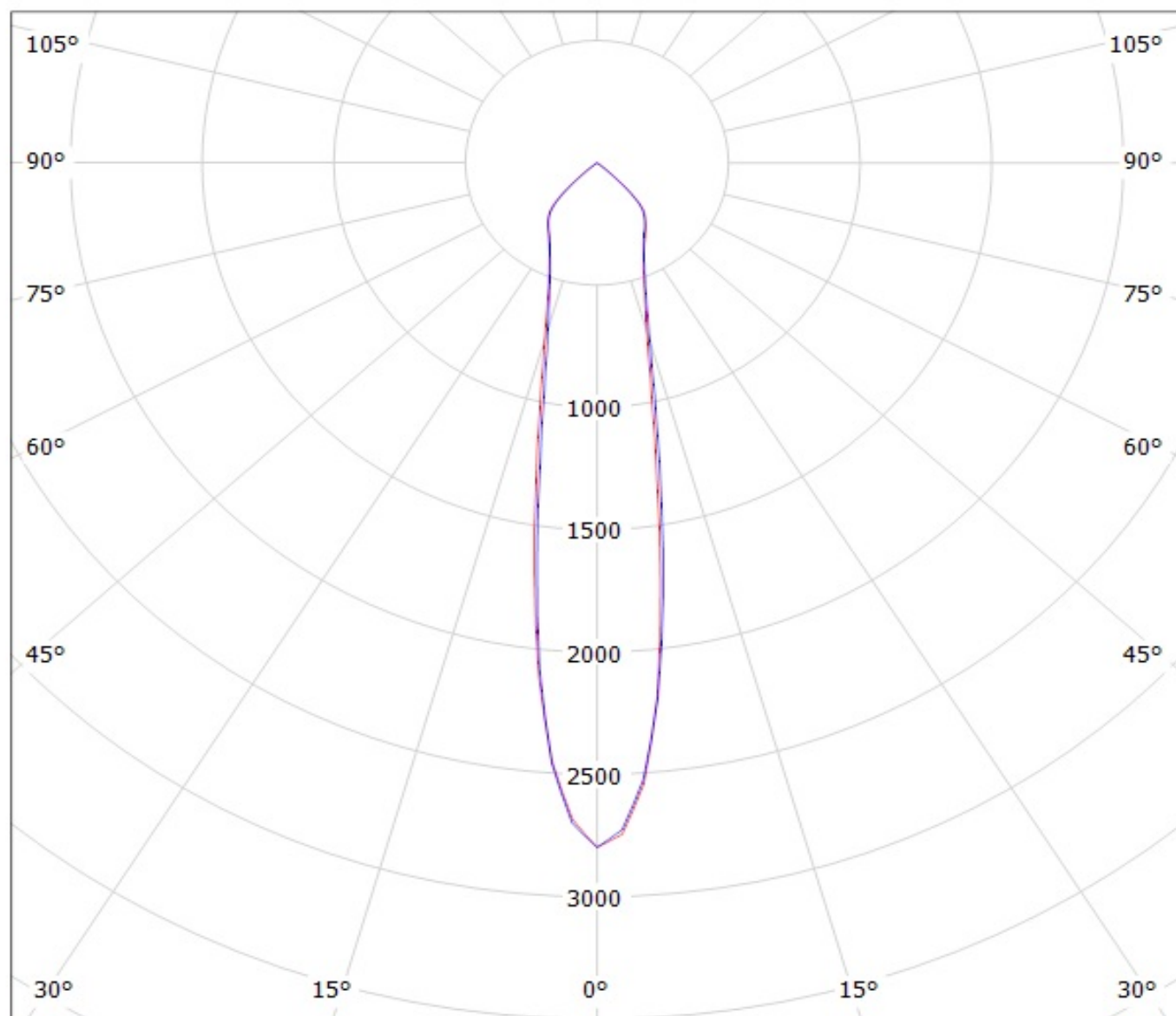


Luminaire: LEDiL Oy F13325_ANGELINA-S_(SOLERIQ_P13)
Lamps: 1 x SOLERIQ_P13_(GW_MAGMB1.EM)_1038.25lm@250mA_CCT=3000K_P=8.77223W_I=249.8mA



Luminaire: LEDil OY F13325_ANGELINA-S_(Soleriq_S13) Efficiency=94%

Lamps: 1 x Osram Soleriq S13 (GW KAGHB1.EM) 855lm @ 250mA CCT=3100K P=7.5W I=250mA



cd/klm

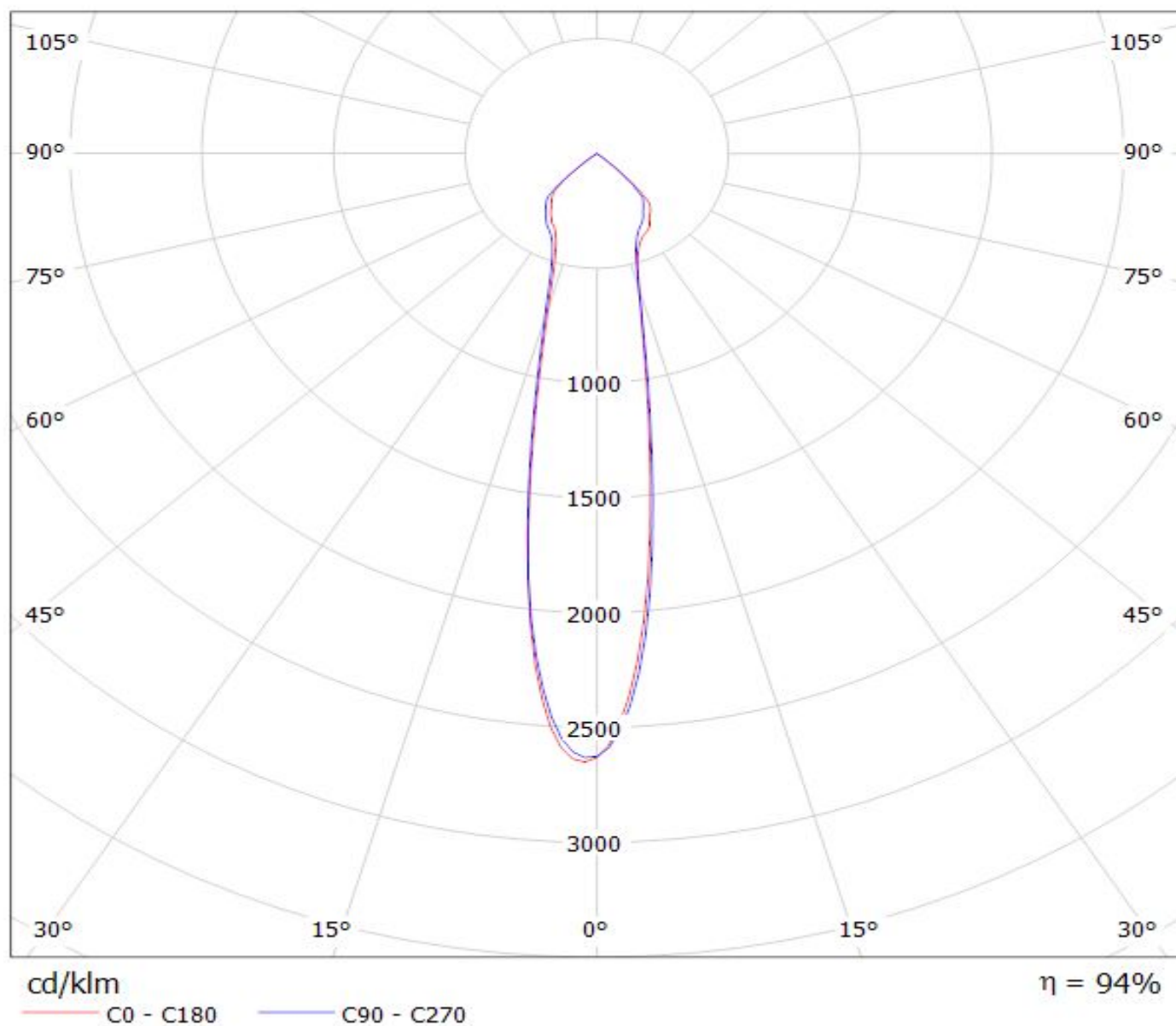
— C0 - C180

— C90 - C270

LEDiL Oy C13325_ANGELINA-S_(LUXEON_K12) Eff.94.3% / LDC (Polar)

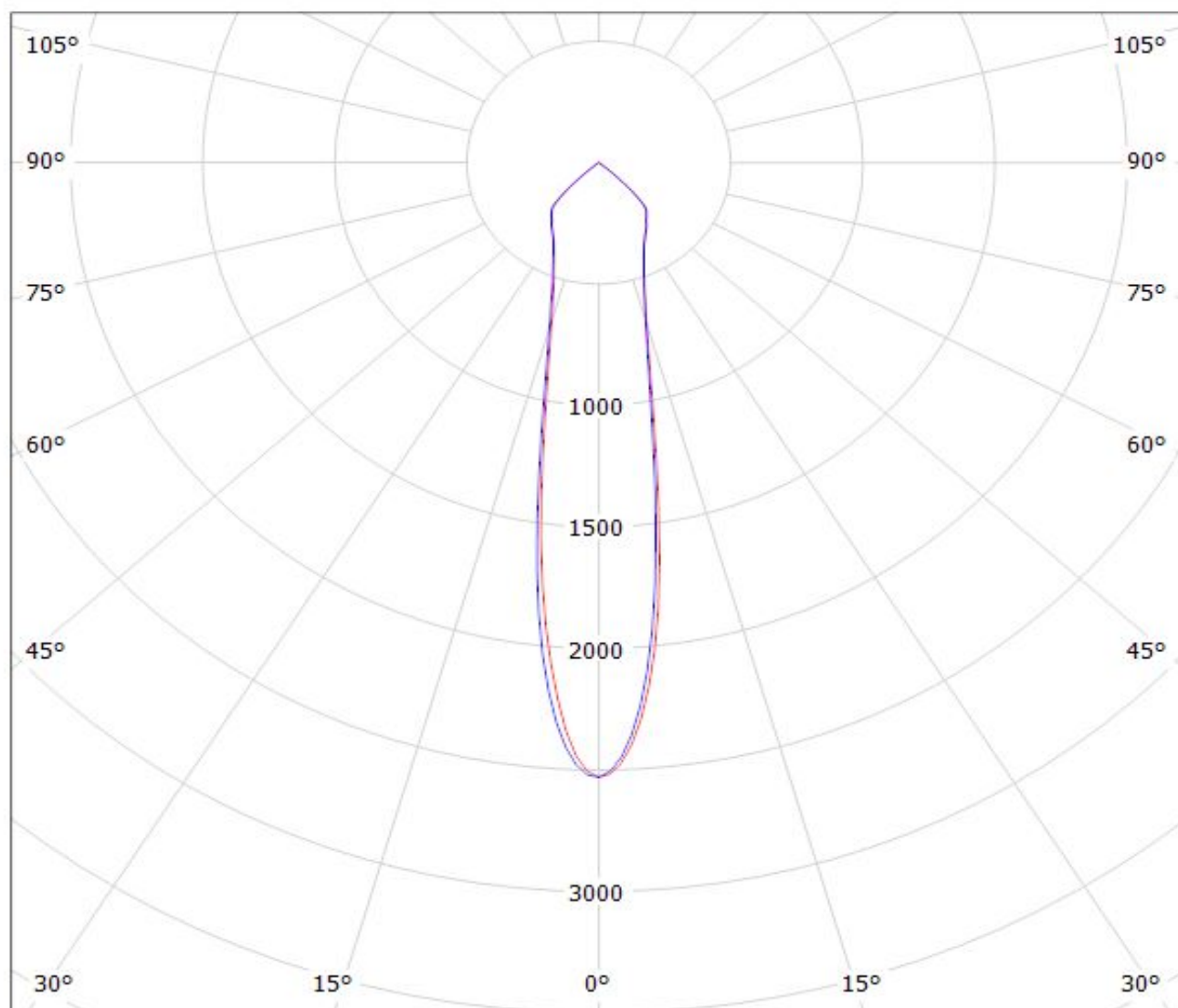
Luminaire: LEDiL Oy C13325_ANGELINA-S_(LUXEON_K12) Eff.94.3%

Lamps: 1 x LUXEON_K12 (929.543lm@250mA)



Luminaire: LEDiL Oy F13325_ANGELINA-S_(CXM-14)

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



cd/klm

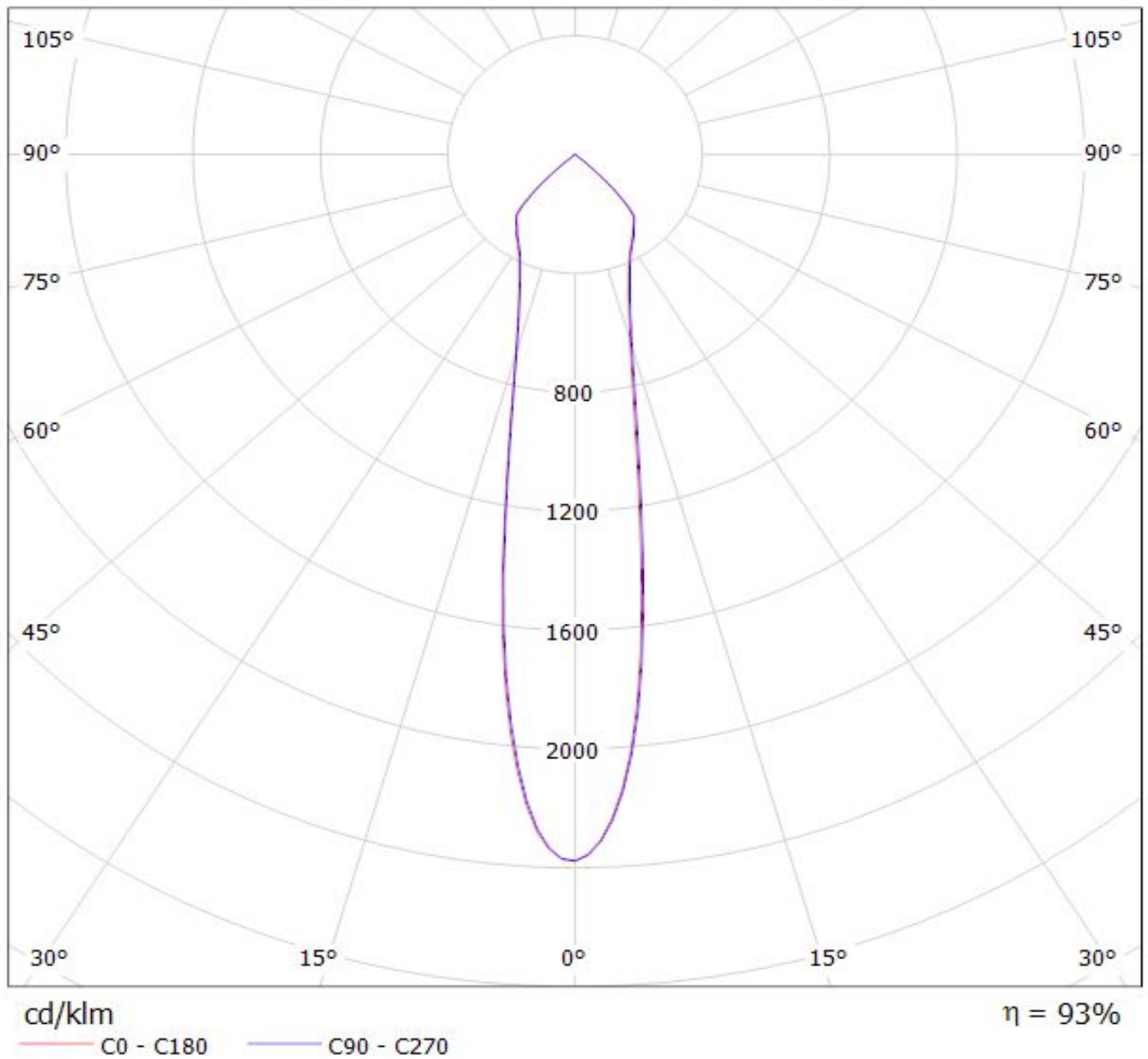
$\eta = 94\%$

— C0 - C180

— C90 - C270

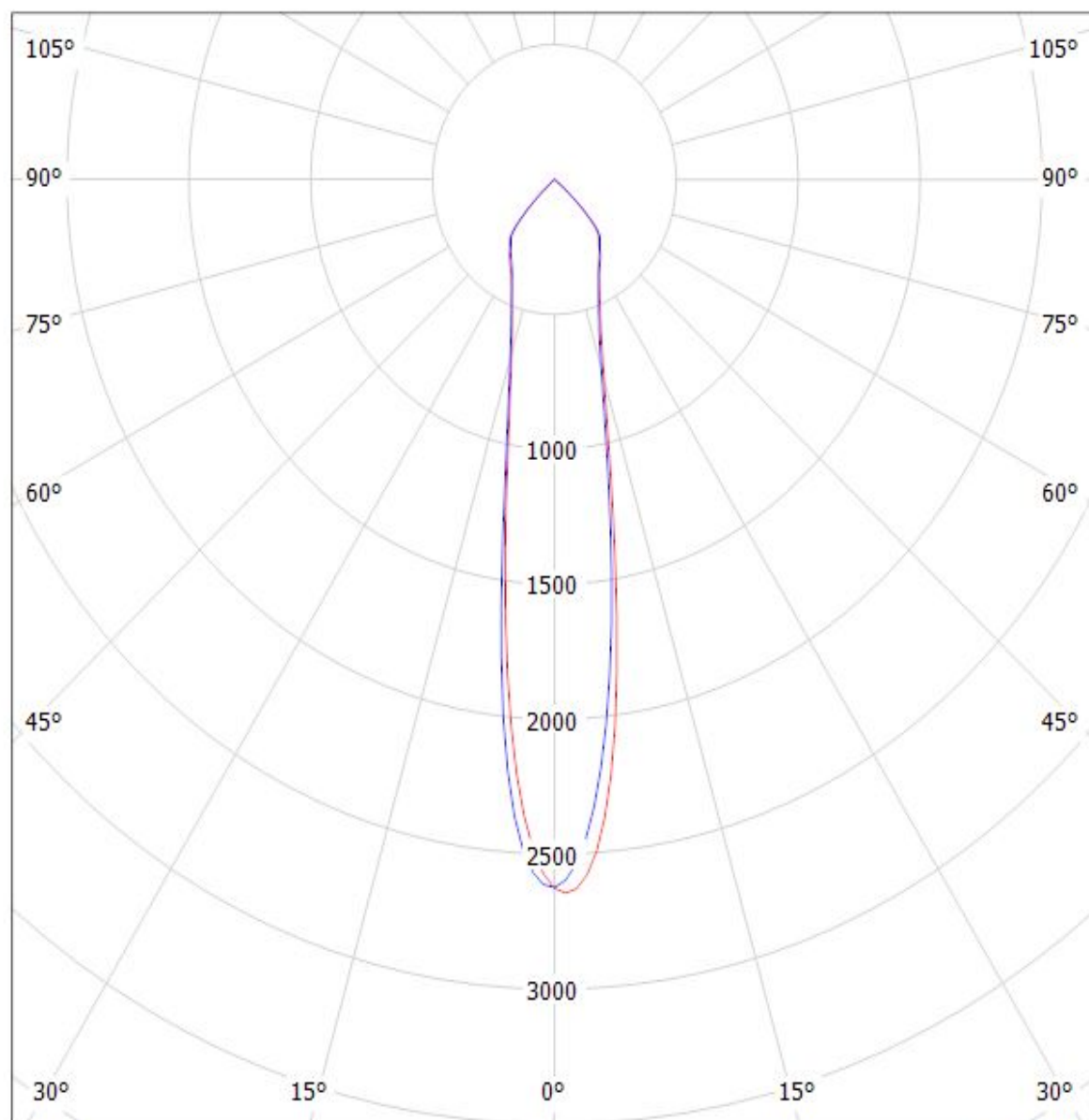
Luminaire: LEDiL Oy F13325_ANGELINA-S_(Fortimo LED SLM L15 G4)

Lamps: 1 x Fortimo LED SLM L15 G4_1116.47lm@250mA_P=8.21168W_I=0.2498A



Luminaire: LEDiL Oy F13325_ANGELINA-S_(MEGAZENIGATA) Eff.93.7%

Lamps: 1 x SHARP_MEGAZENIGATA_(GW6DME30NFC)_1238.26lm@250mA_CCT=3000K_P=11.1211W_I=249.8mA



cd/klm

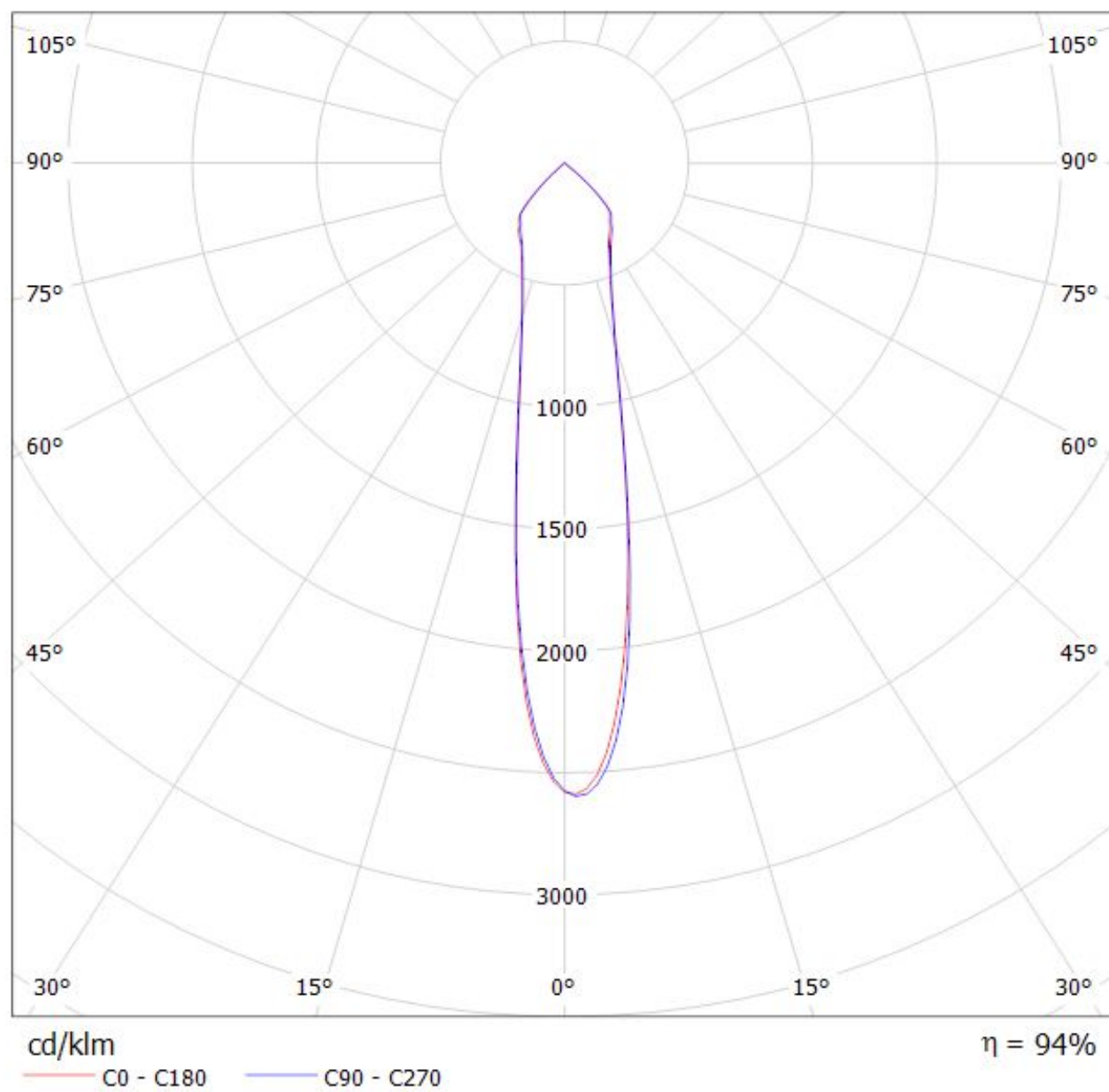
$\eta = 94\%$

— C0 - C180

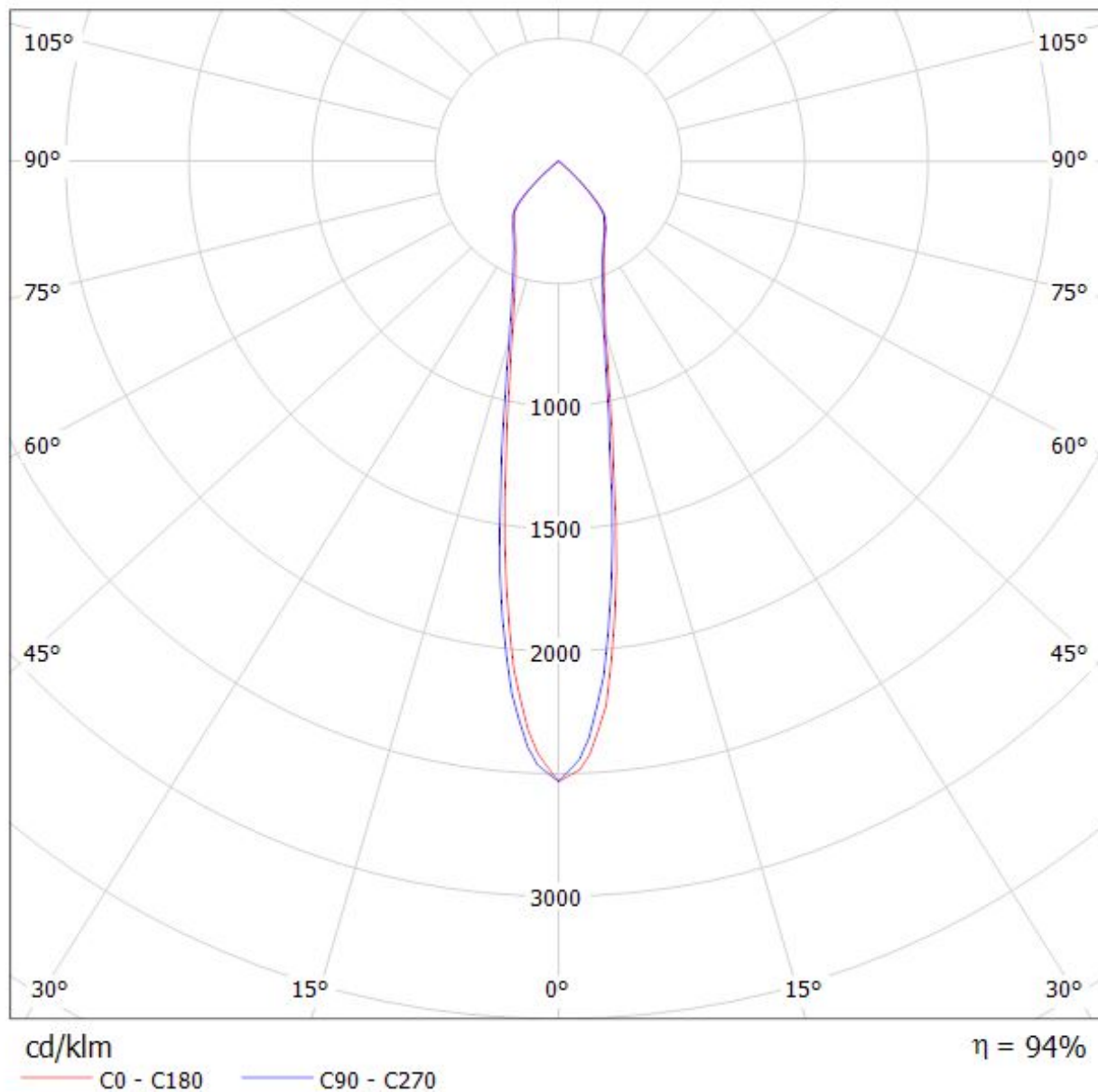
— C90 - C270

Luminaire: LEDiL Oy F13325_ANGELINA-S_(LUXEON_COB_1208) Eff.93.8%

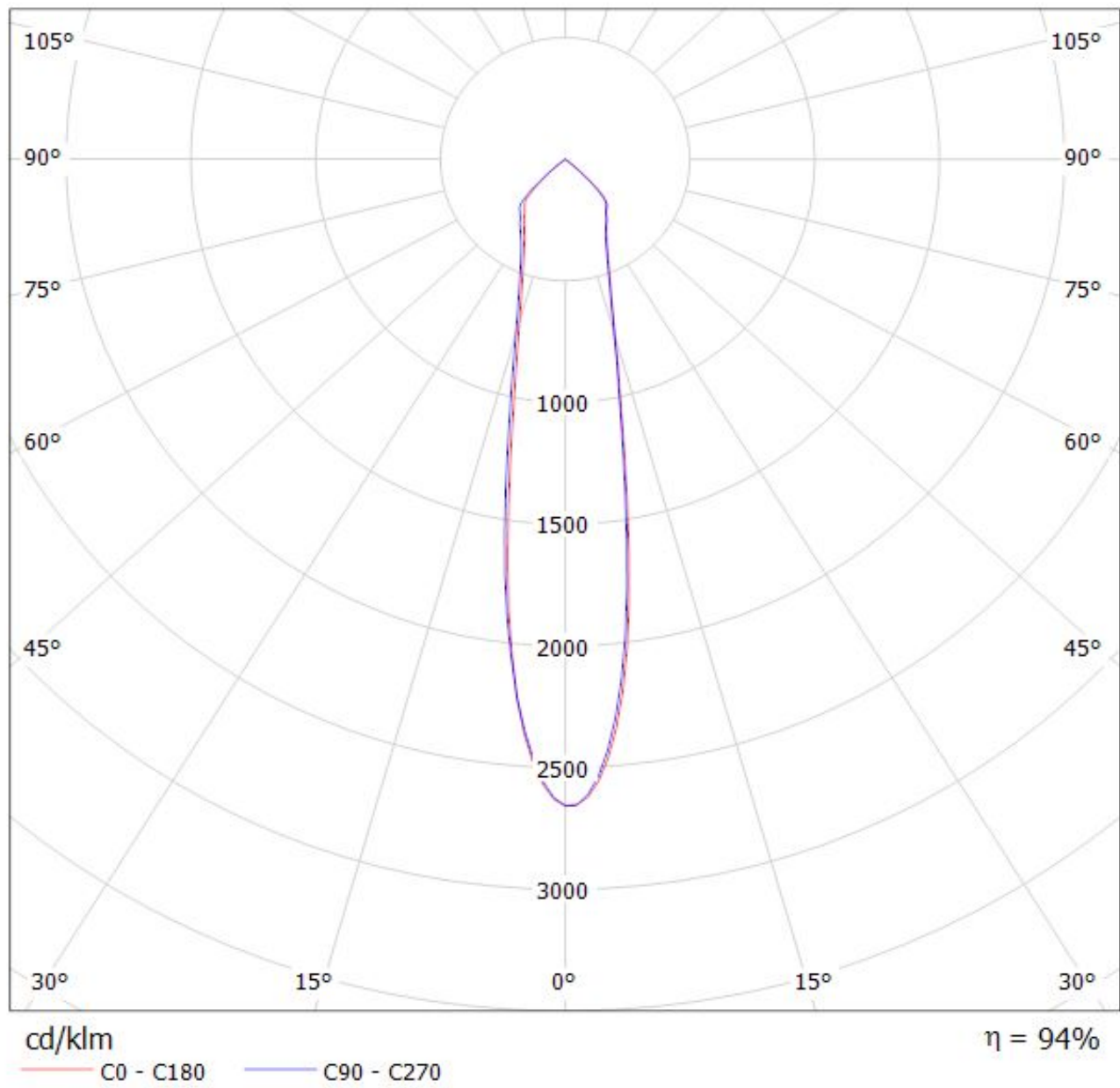
Lamps: 1 x LUXEON_COB_1208_(LHC1-3080-1208)_1015.13lm@250mA_CCT=3000K_P=8.15972W_I=249.8mA



Luminaire: LEDiL Oy F13325_ANGELINA-S_(NSCxJ216A) Eff.94.0%
Lamps: 1 x NICHIA_NSCxJ216A_(NSCLJ216AE)_971.7lm@250mA_CCT=3000K_P=7.96937W_I=249.8mA

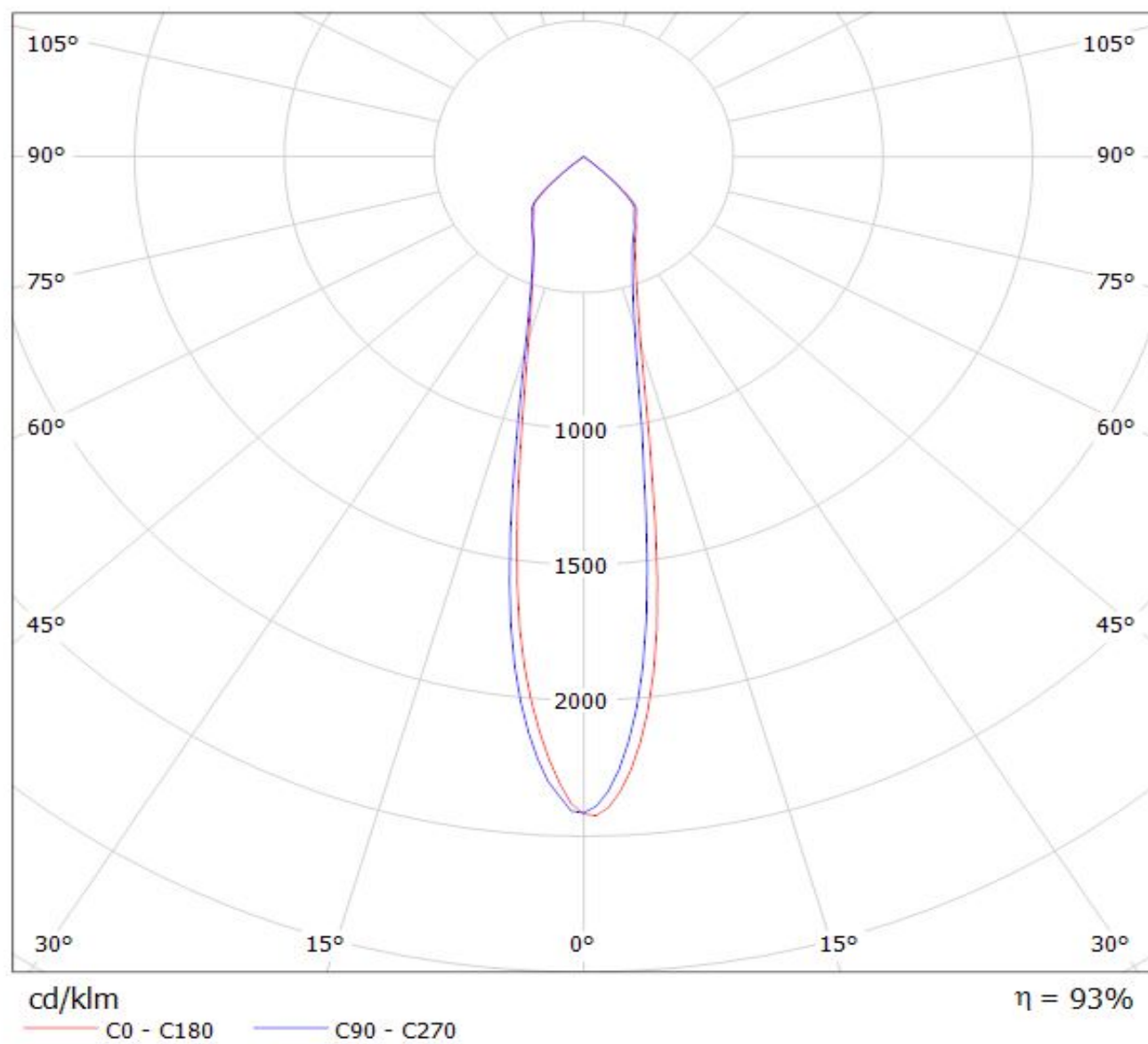


Luminaire: LEDiL Oy F13325_ANGELINA-S_(WU-M-461-827)
Lamps: 1 x Vossloh_WU-M-461-827_771.829lm@250mA_P=6.26998W_I=249.8mA

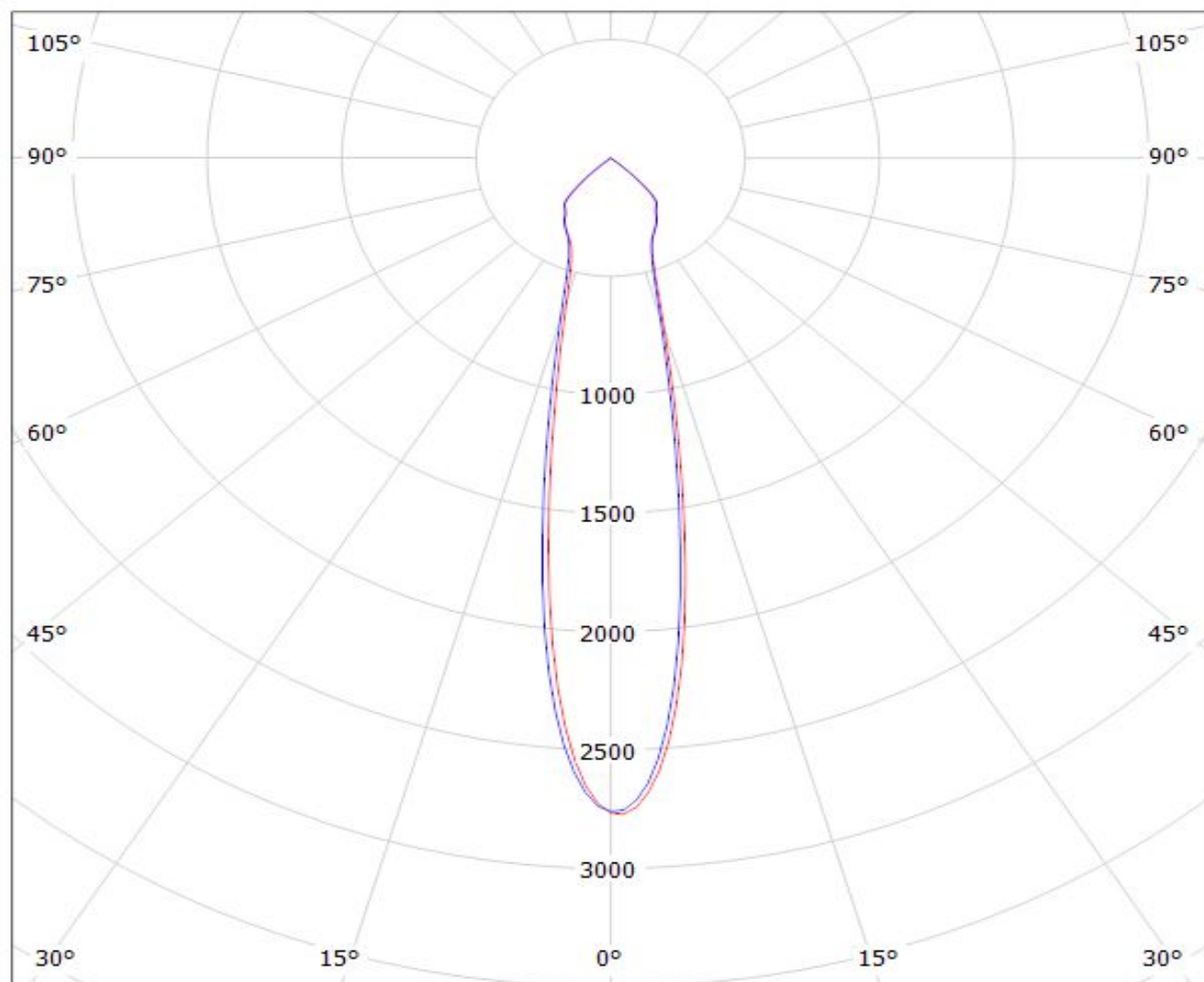


Luminaire: LEDiL Oy F13325_ANGELINA-S_(WU-M-484)

Lamps: 1 x Vossloh_Schwabe-WU-M-484_(WU-M-484-830)_657.721lm@250mA_P=5.59451W_I=249.9mA



Luminaire: LEDiL Oy F13325_ANGELINA-S_(MegaZenigata) Eff.92.3%
Lamps: 1 x MegaZenigata_GW6DME (518.495lm@100mA)



cd/klm

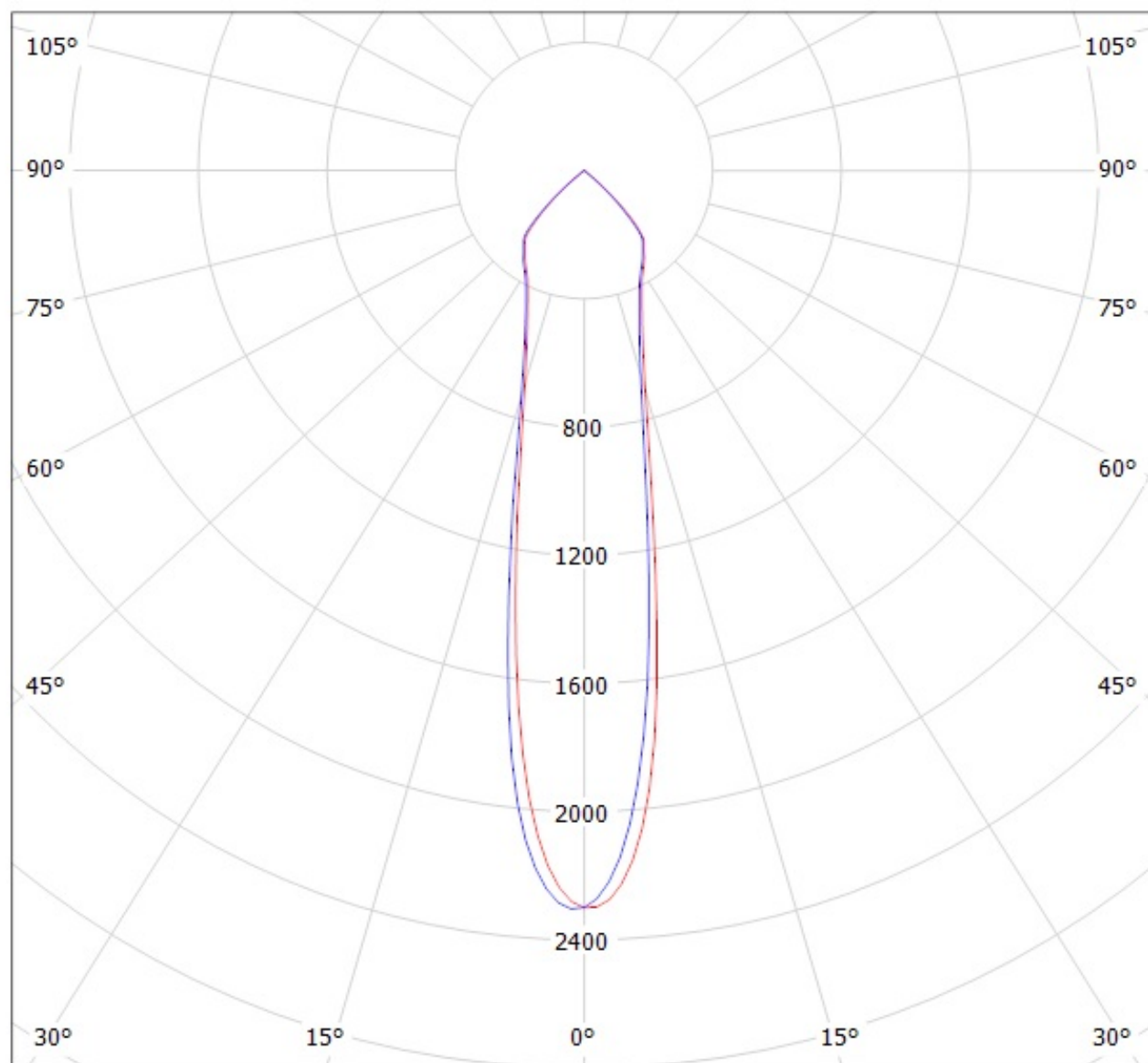
$\eta = 92\%$

C0 - C180

C90 - C270

Luminaire: LEDiL Oy F13325_ANGELINA-S_(PrevaLED_Z4) Eff:94%

Lamps: 1 x Osram_PrevaLED_CORE_Z4_(PL-CORE-3000-830-Z4)_1423.93lm@250mA_P=10.7652W_I=249.9mA



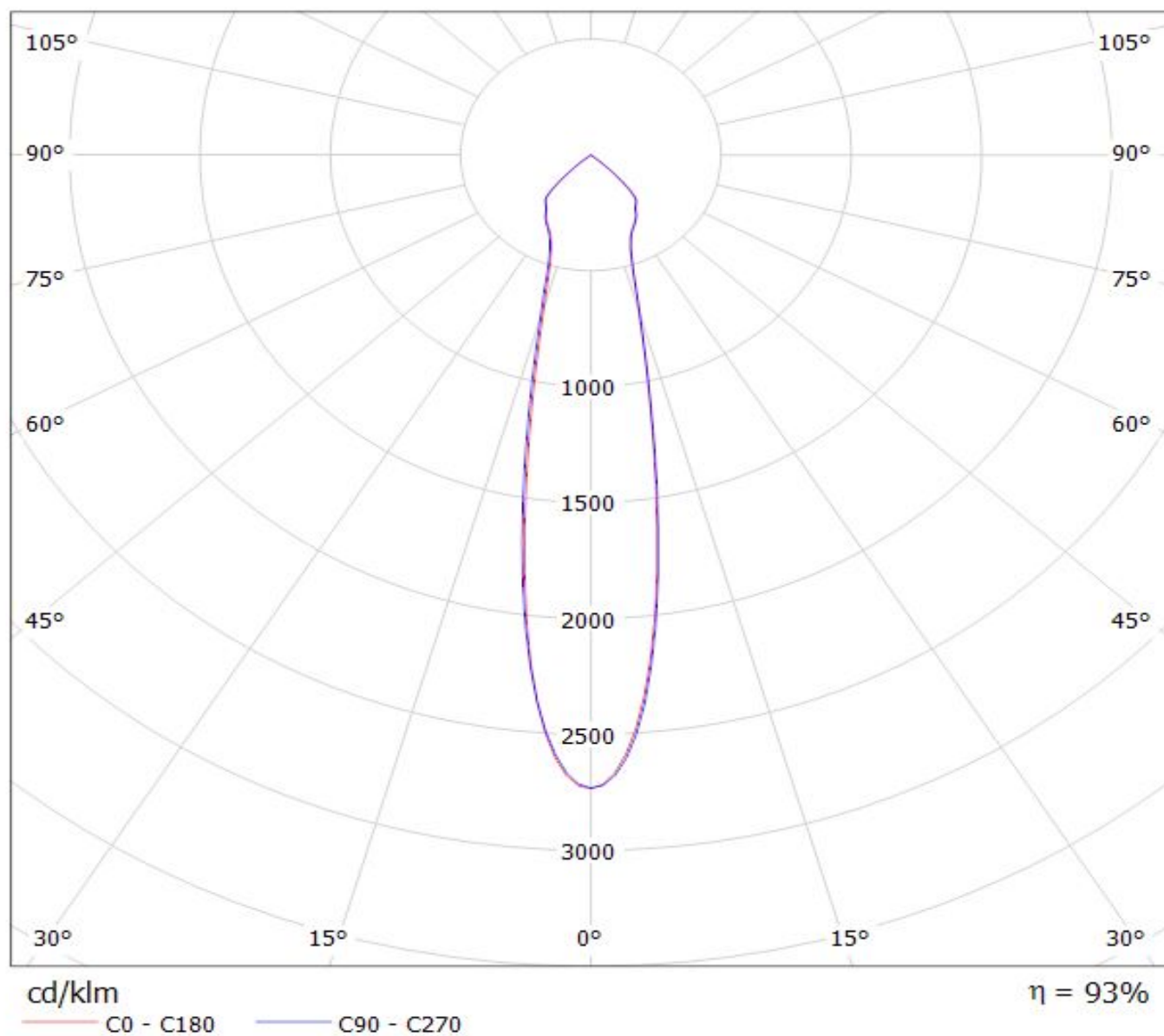
cd/klm

— C0 - C180

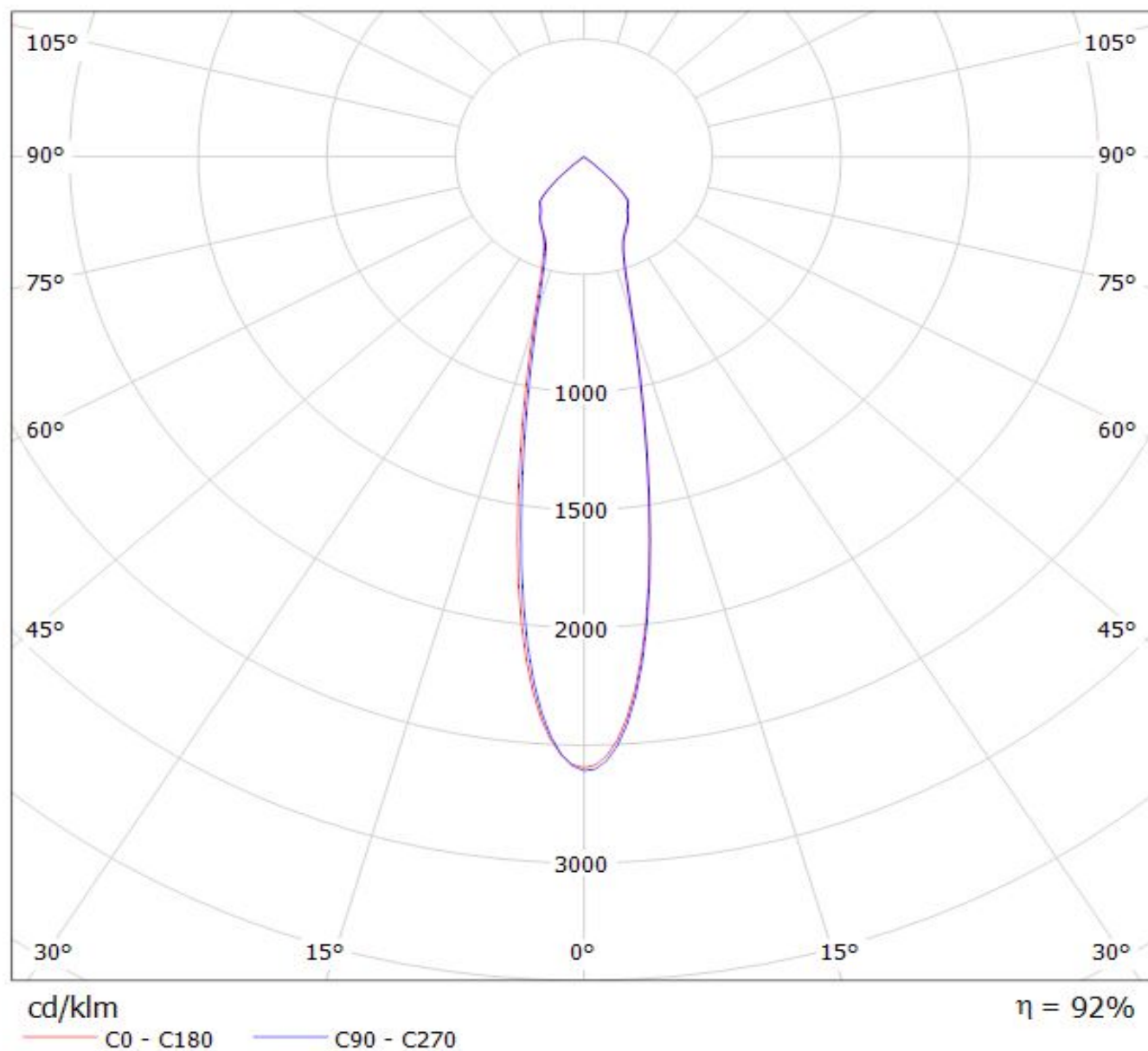
— C90 - C270

η = 94%

Luminaire: LEDiL Oy F13325_ANGELINA-S_(Luxeon-Cob-1208) Eff. 93 %
Lamps: 1 x Luxeon CoB 1208 (LHC1-3080-1208) 1029lm@250mA CCT=3000K P=8.2W I=250mA

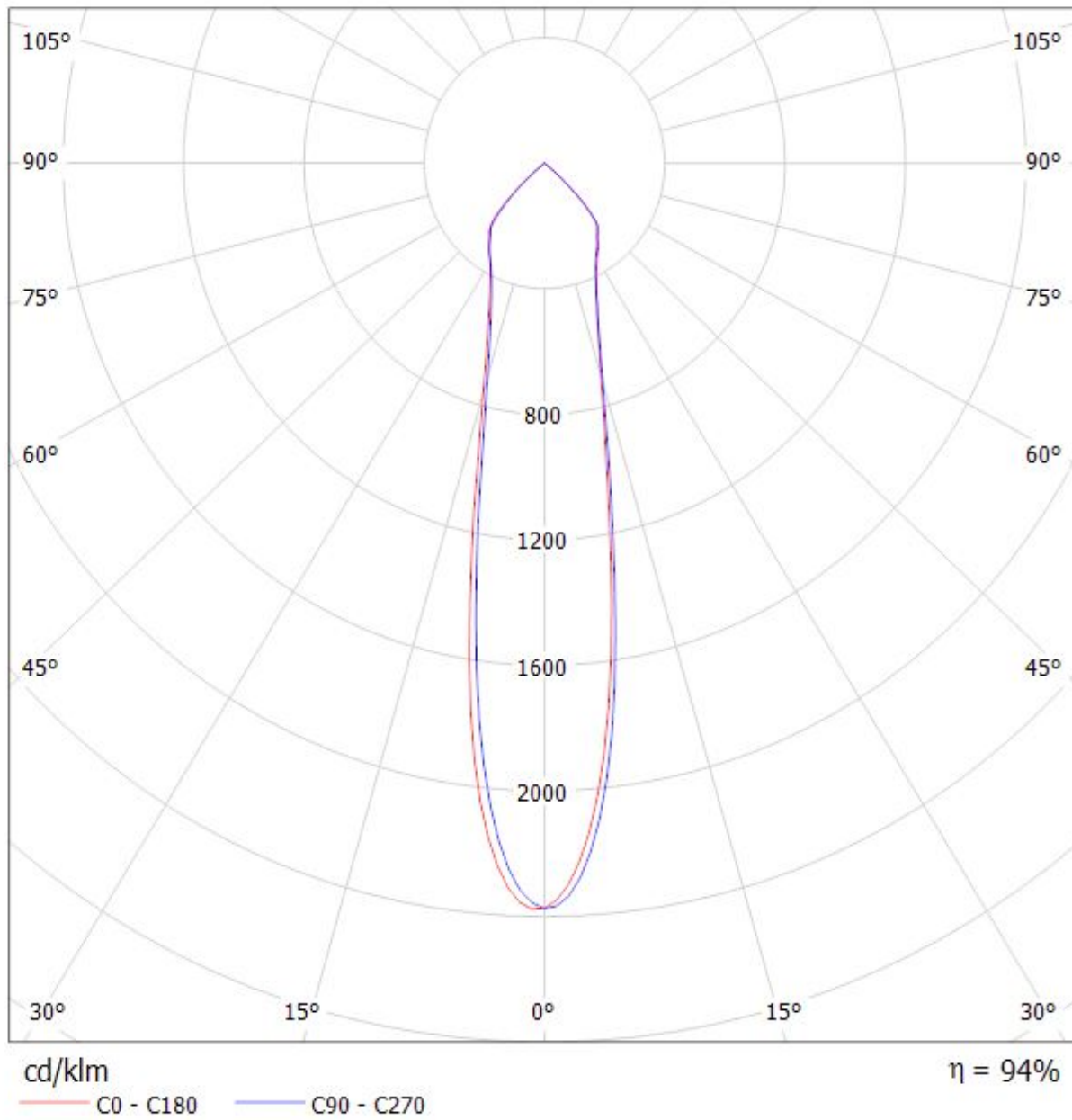


Luminaire: LEDiL Oy F13325_ANGELINA-S_(STARK_SLE_G2_LES19) Eff.92.2%
Lamps: 1 x TRIDONIC STARK SLE G2 LES19 830 CLA 964.643lm@250mA CCT=3000K P=8W I=250mA

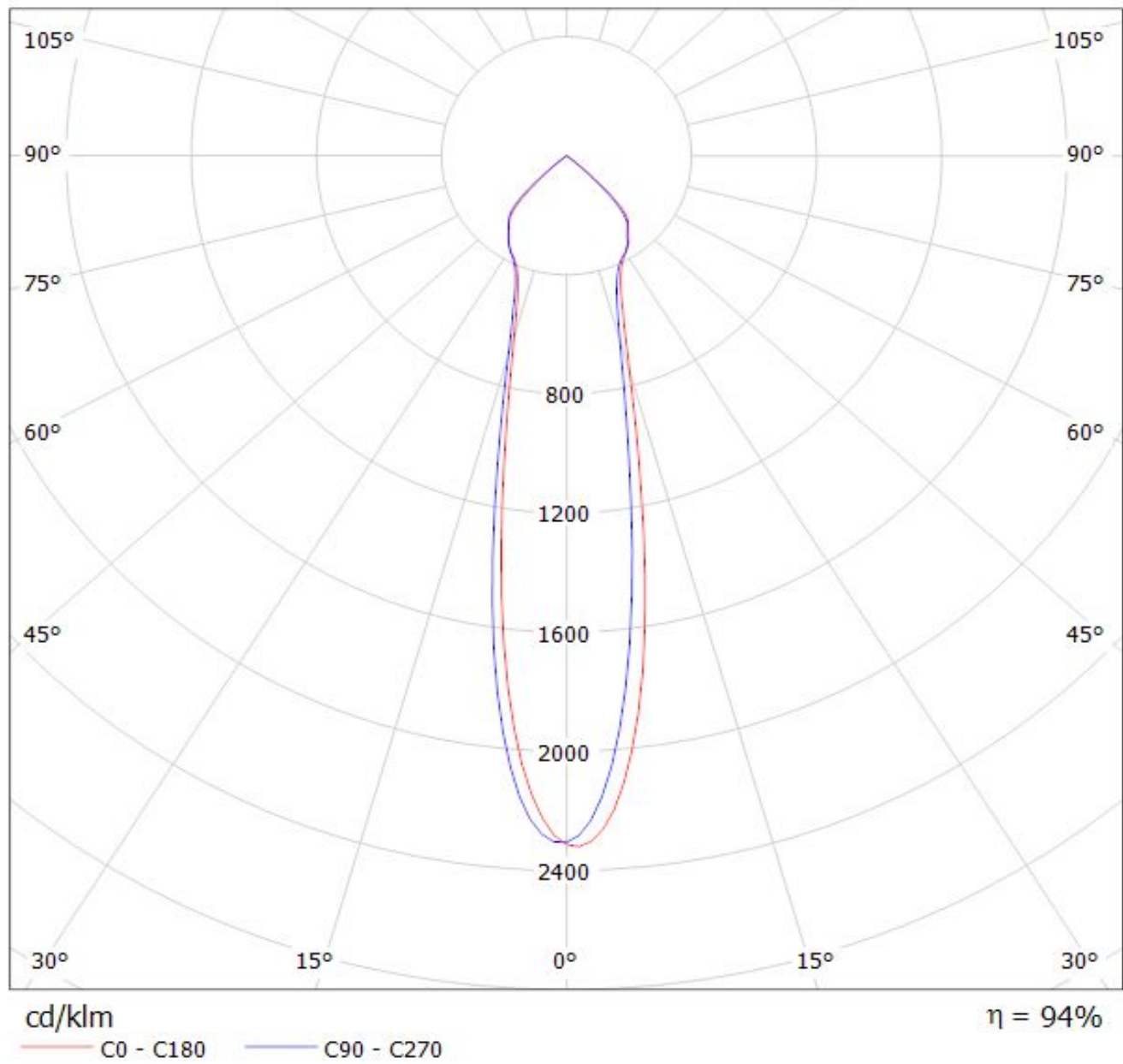


Luminaire: LEDiL Oy F13325_ANGELINA-S_(SOLERIQ_S19_ & TE_2213407-2)

Lamps: 1 x OSRAM_SOLERIQ_S19_(GW_KAHJB1.EM)_1385.15lm@250mA_CCT=3000K_P=10.5613W_I=249.8mA

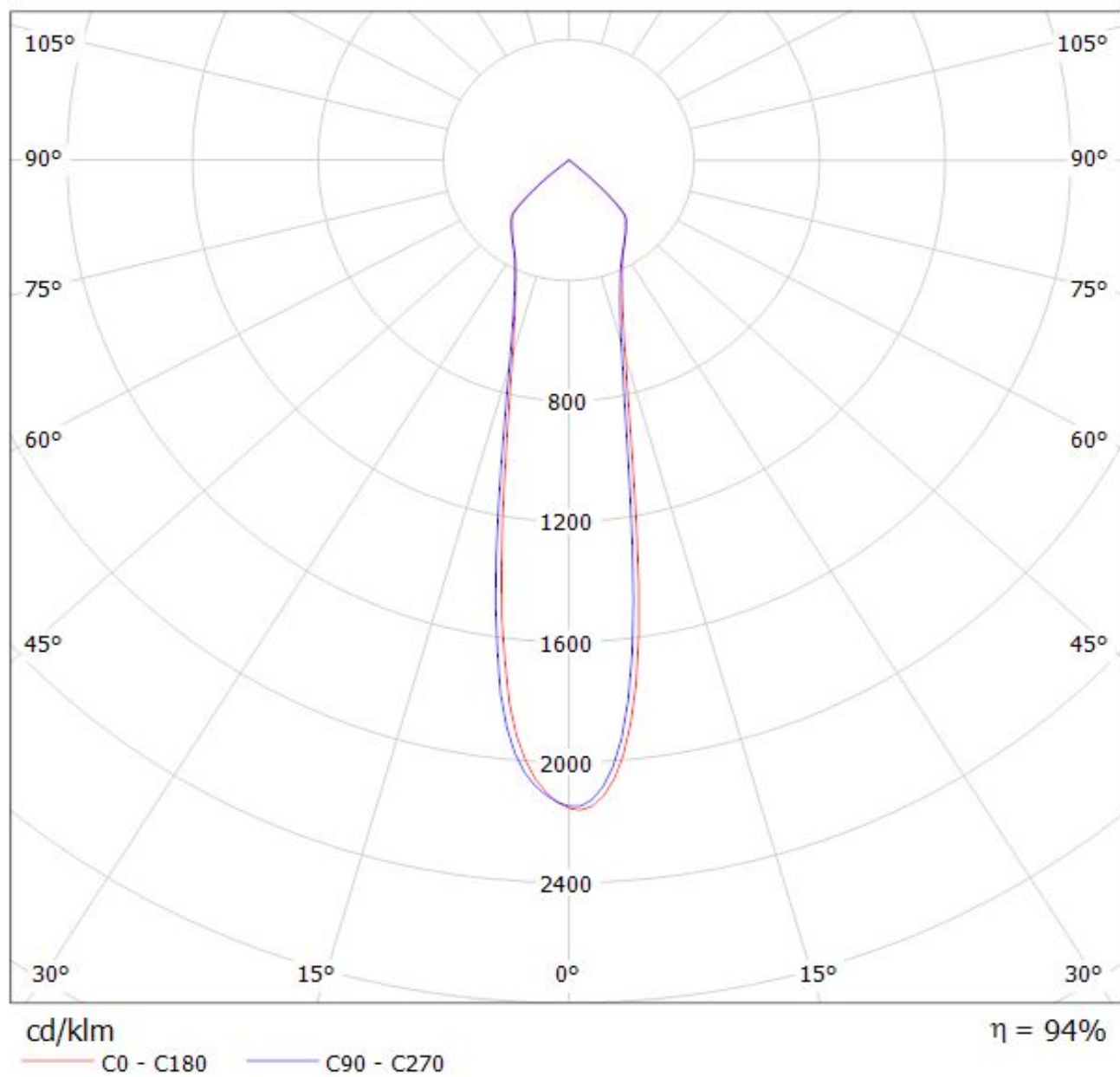


Luminaire: LEDiL Oy C13325_ANGELINA-S_(Luxeon_K16) Eff.94.2%
Lamps: 1 x LUXEON_K16 (1204.33lm@250mA)



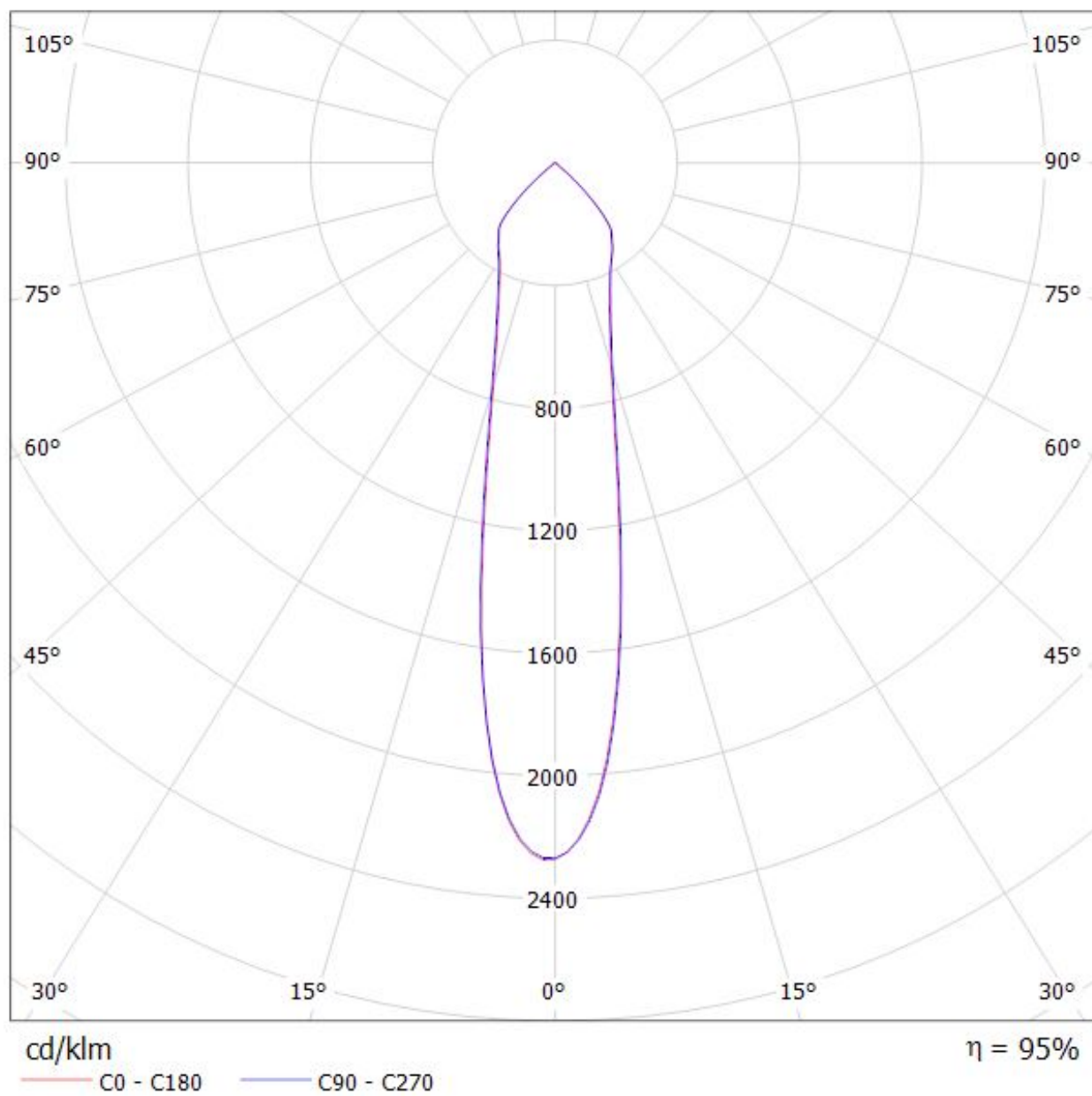
Luminaire: LEDiL Oy F13325_ANGELINA-S_(NSBxL121A)

Lamps: 1 x Nichia_NSBxL121A_914.478lm@250mA_P=7.56872W_I=249.9mA



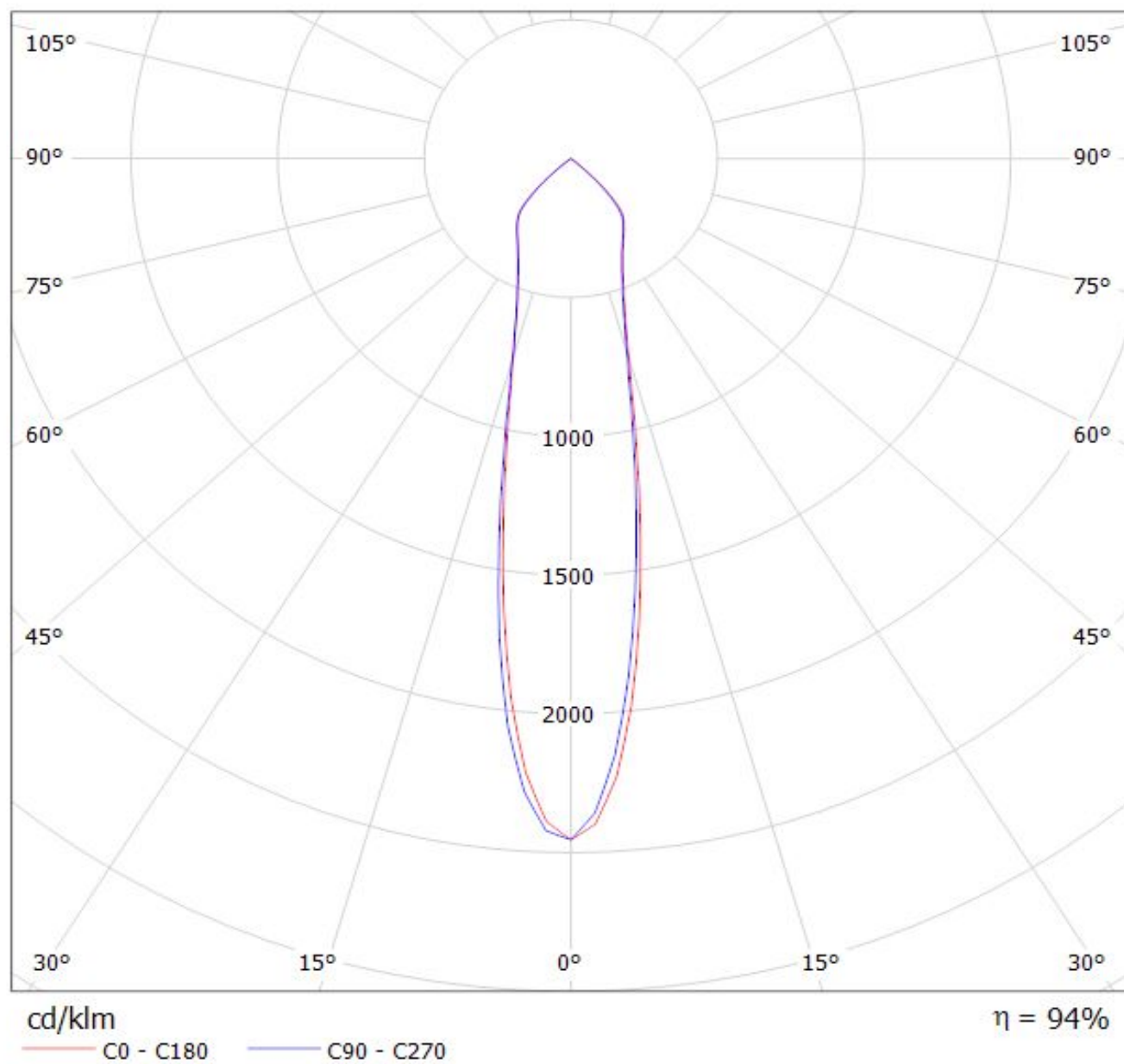
Luminaire: LEDiL Oy F13325_ANGELINA-S_(CXA25) Eff.94%

Lamps: 1 x CREE_CXA25_(CXA2530-7C0-T2-N0H)_1151.98lm@250mA_CCT=3000K_P=8.4892W_I=249.8mA



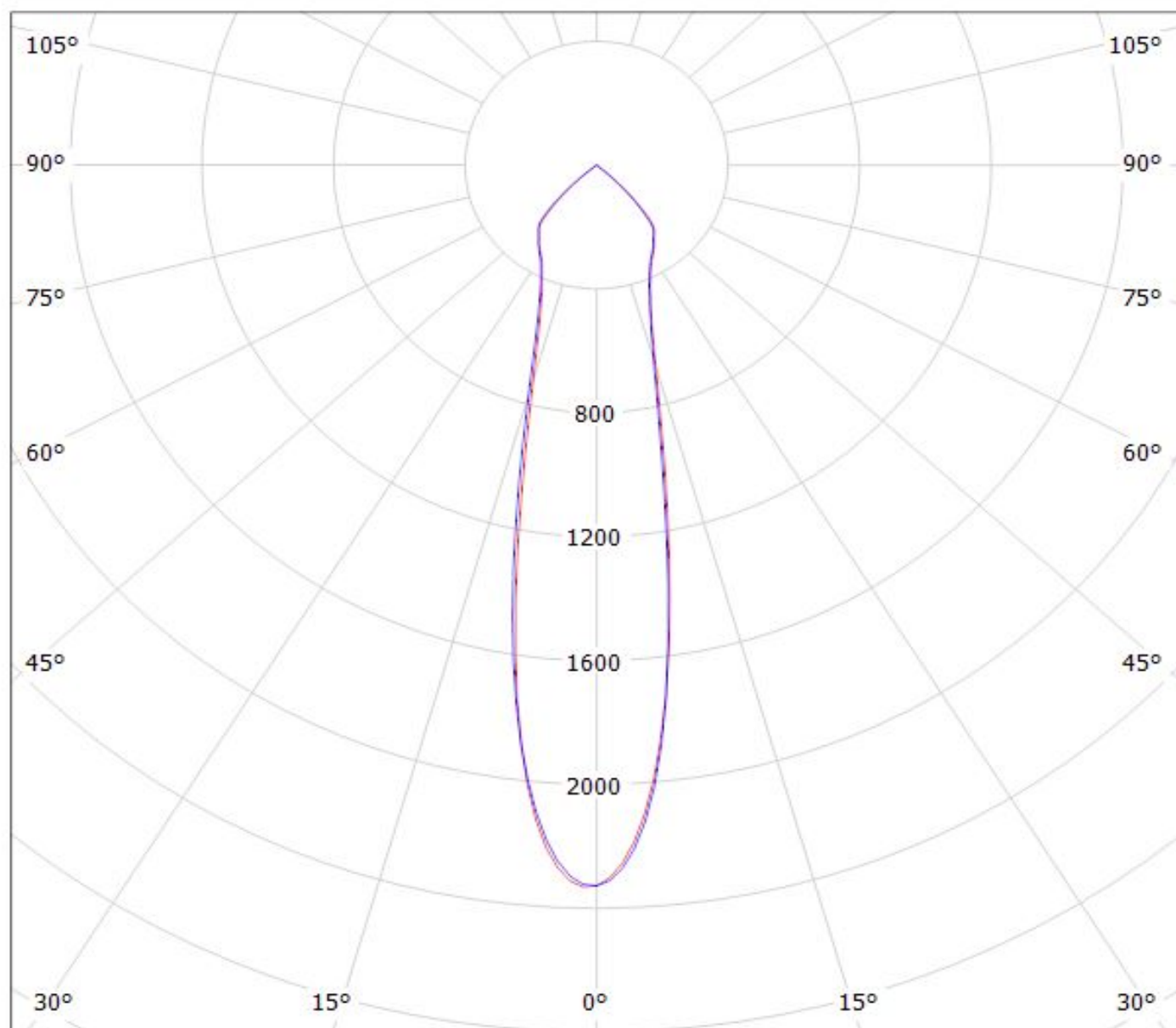
Luminaire: LEDiL F13325_ANGELINA-S_(CLL030)

Lamps: 1 x Citizen CLL030 740lm@250mA (CLL030-1205A5-303H1A7) CCT:3000K



Luminaire: LEDiL Oy F13325_ANGELINA-S_(SLE GEN4 LES19)

Lamps: 1 x SLE GEN4 LES19_1227.01lm@250mA_P=8.21492W_I=0.2498A



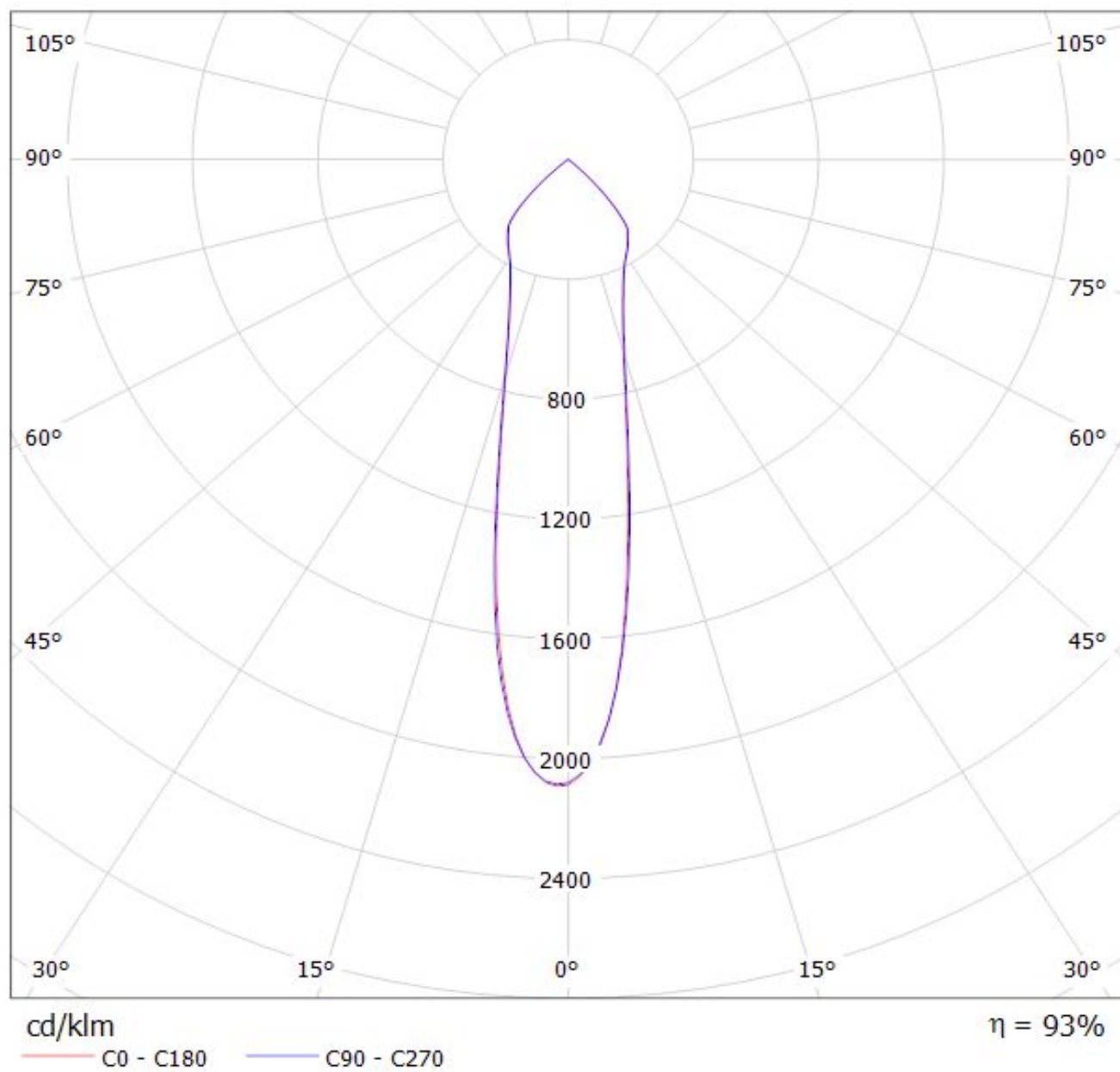
cd/klm

$\eta = 92\%$

— C0 - C180

— C90 - C270

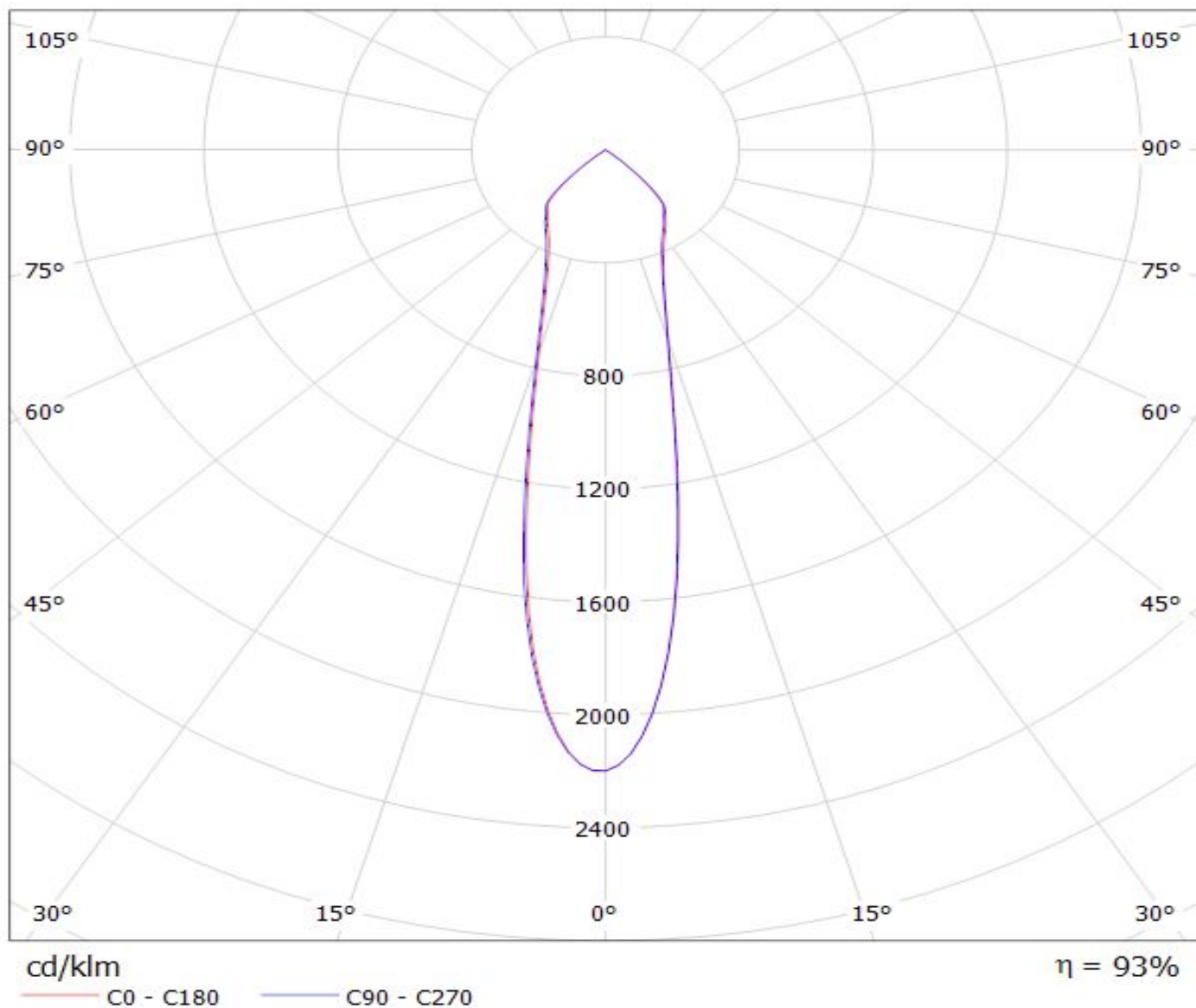
Luminaire: LEDiL Oy F13325_ANGELINA-S_(LEP-2000-827-C-AC)
Lamps: 1 x OSRAM PrevaLED Core AC (LEP-2000-827-C-AC)



LEDiL Oy F13325_ANGELINA-S_(SLE_G3_LES19) Eff.93.5% / LDC (Polar)

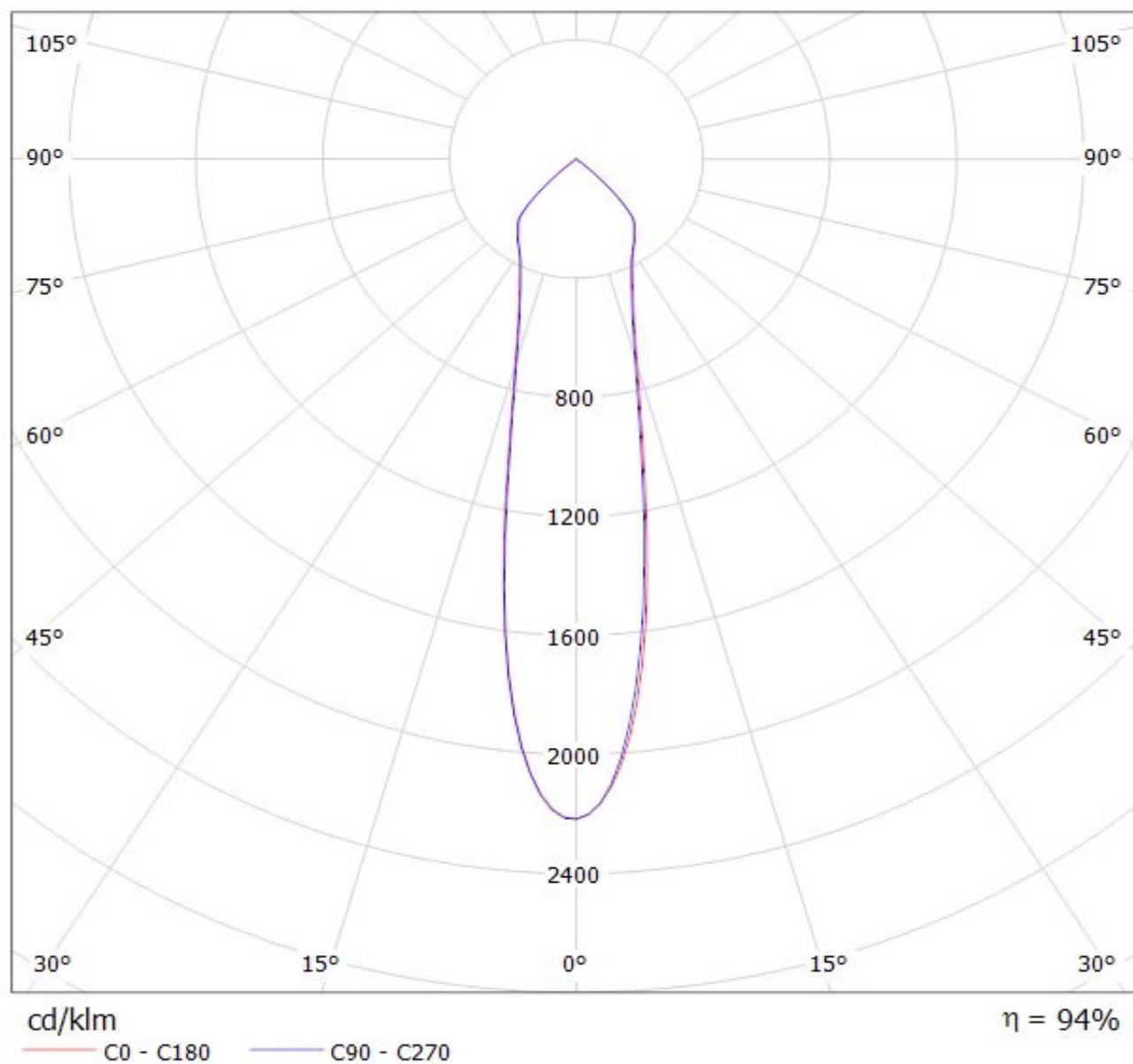
Luminaire: LEDiL Oy F13325_ANGELINA-S_(SLE_G3_LES19) Eff.93.5%

Lamps: 1 x TRIDONIC_STARK_SLE_G3_LES19_(STARK-SLE-G3-LES19-2000-840-CLA)
_1058.33lm@250mA_P=8.32833W_I=249.8mA



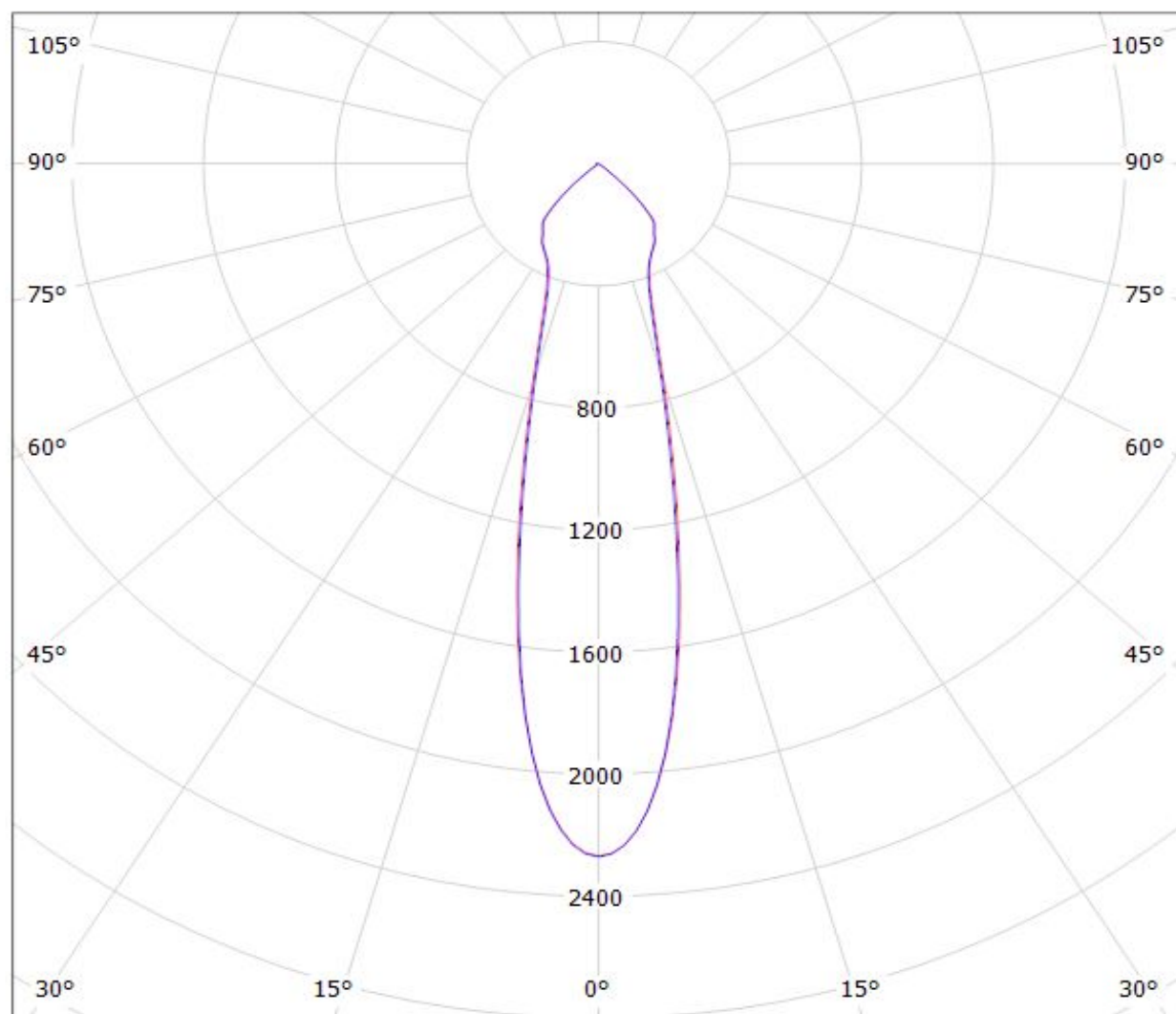
Luminaire: LEDiL Oy F13325_ANGELINA-S_(PrevaLED_LES19) Eff.94%

Lamps: 1 x OSRAM PrevaLED_LES9_(PL-CORE-1100-830-Z3)_1333.47lm@250mA_P=10.4584W_I=249.8mA



Luminaire: LEDiL Oy F13325_ANGELINA-S_(FORTIMO_2000) Eff.90.7%

Lamps: 1 x PHILIPS Fortimo LED SLM 2000 23W/930 L19 G3 665.774lm@250mA CCT=3000K P=6W I=250mA



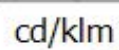
cd/klm

— C0 - C180

— C90 - C270

$\eta = 91\%$

Lamps: 1 x PHILIPS Fortimo LED SLM 3000 28W/830 L19 G3 1046.76lm@250mA CCT=3000K P=9W I=250mA

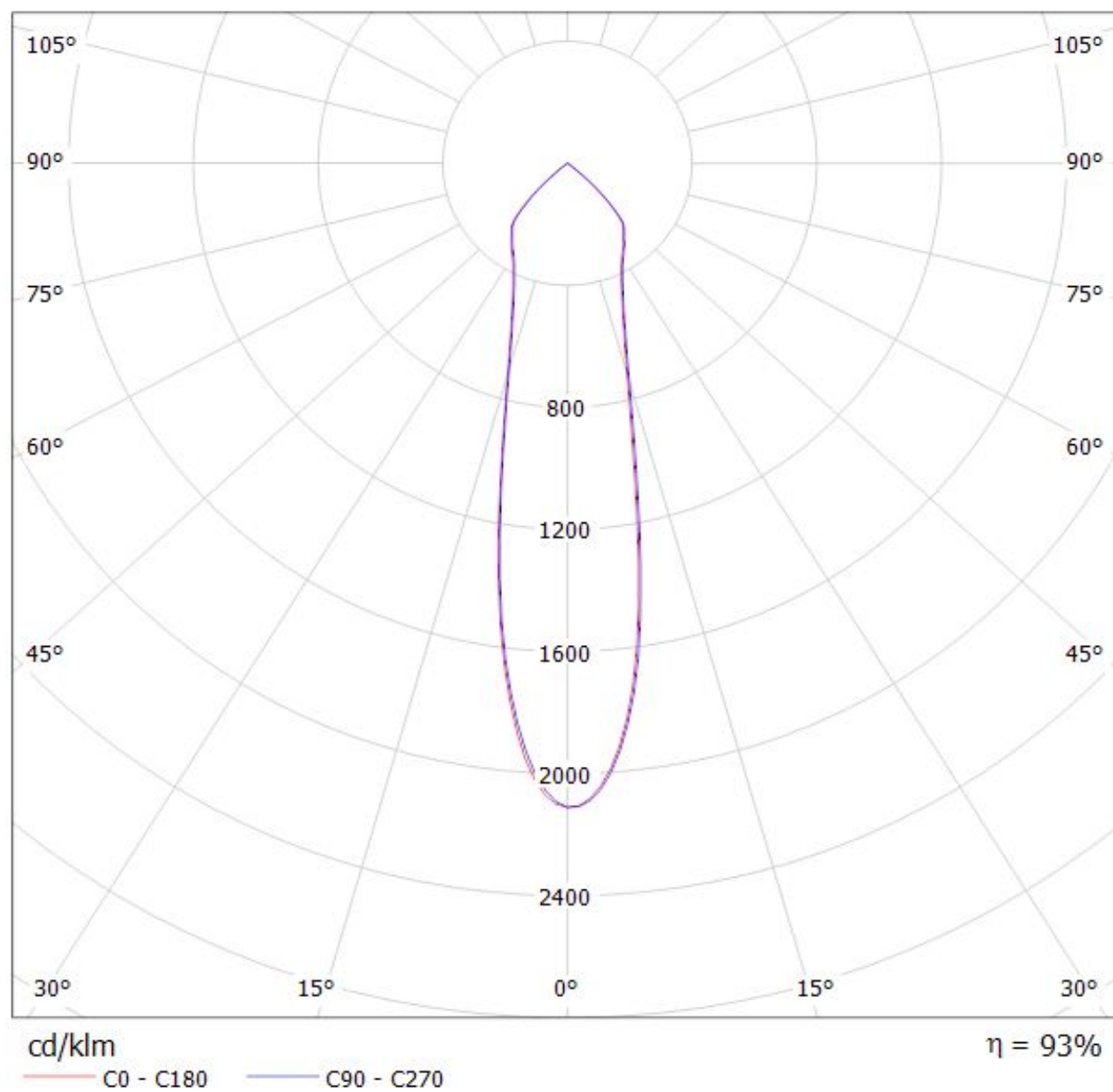


— C90 - C270

 $\eta = 91\%$

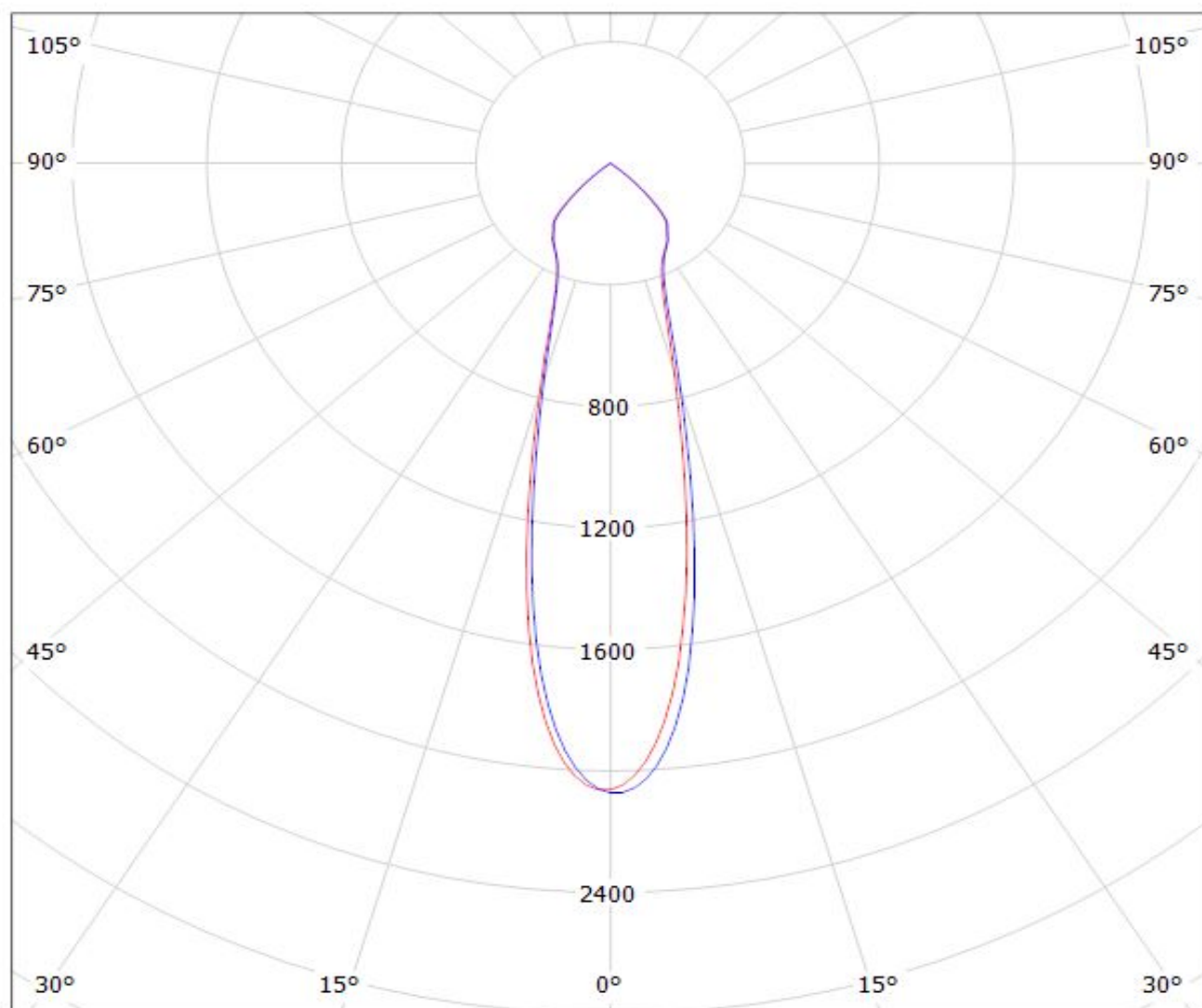
Luminaire: LEDiL Oy F13325_ANGELINA-S_(COB-LC026B) Eff.93.5%

Lamps: 1 x SAMSUNG_COB-LC026B_(SPHWWTHDNC25YHV52F)_1136.23lm@250mA_P=8.23191W_I=249.8mA



Luminaire: LEDiL Oy F13325_ANGELINA-S_(STARK_SLE_G2_LES23) Eff.90.5%

Lamps: 1 x TRIDONIC STARK SLE G2 LES23 830 CLA 982.73lm@250mA CCT=3000K P=8W I=250mA



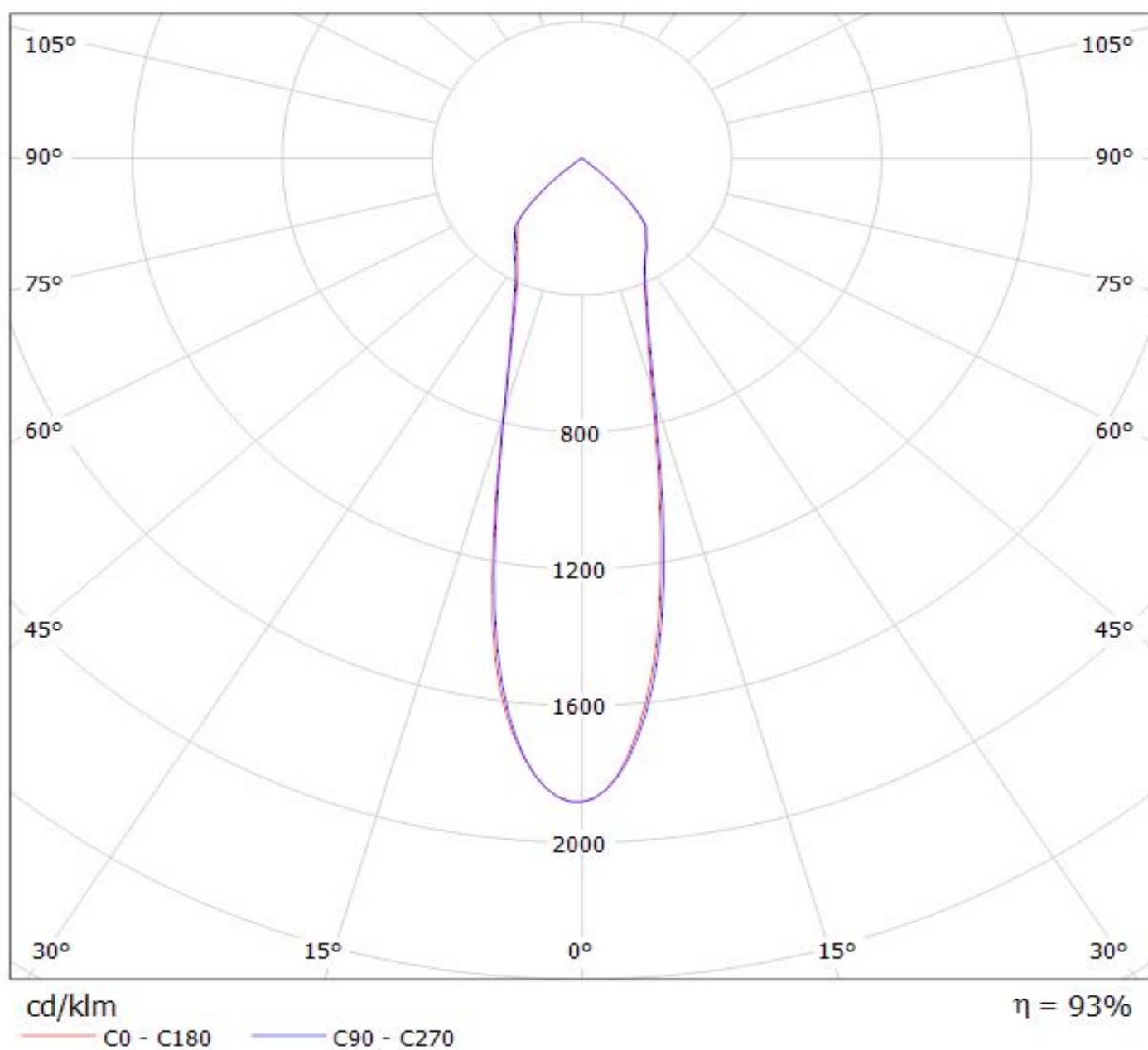
cd/klm

— C0 - C180

— C90 - C270

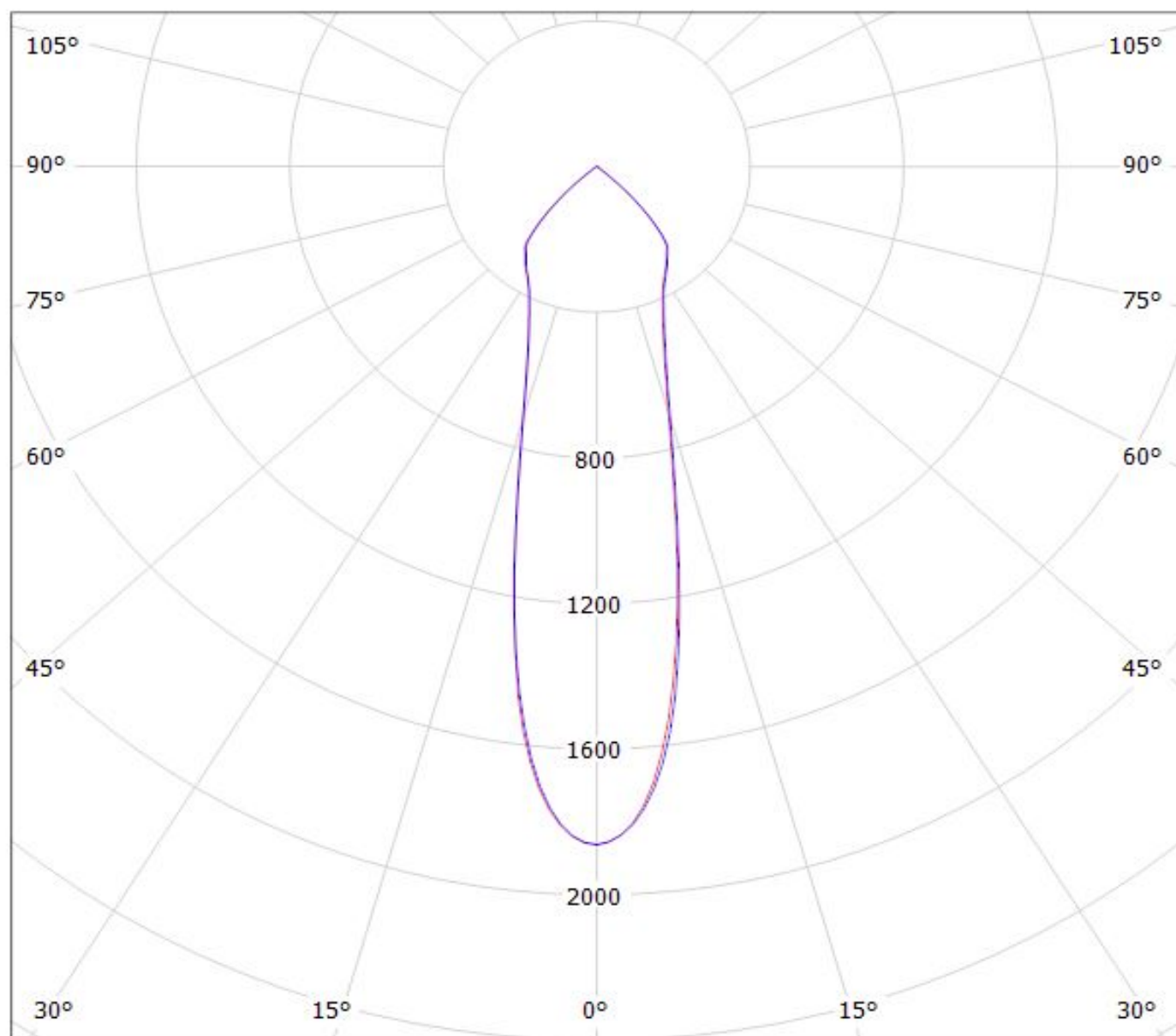
$\eta = 90\%$

Luminaire: LEDiL Oy F13325_ANGELINA-S_(WU-M-486) Eff.93.3%
Lamps: 1 x Vossloh_Schwabe-WU-M-486_(WU-M-486-830)
_1474.55lm@250mA_P=10.4456W_I=249.8mA



Luminaire: LEDiL Oy F13325_ANGELINA-S_(Fortimo LED SLM L19 G4)

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



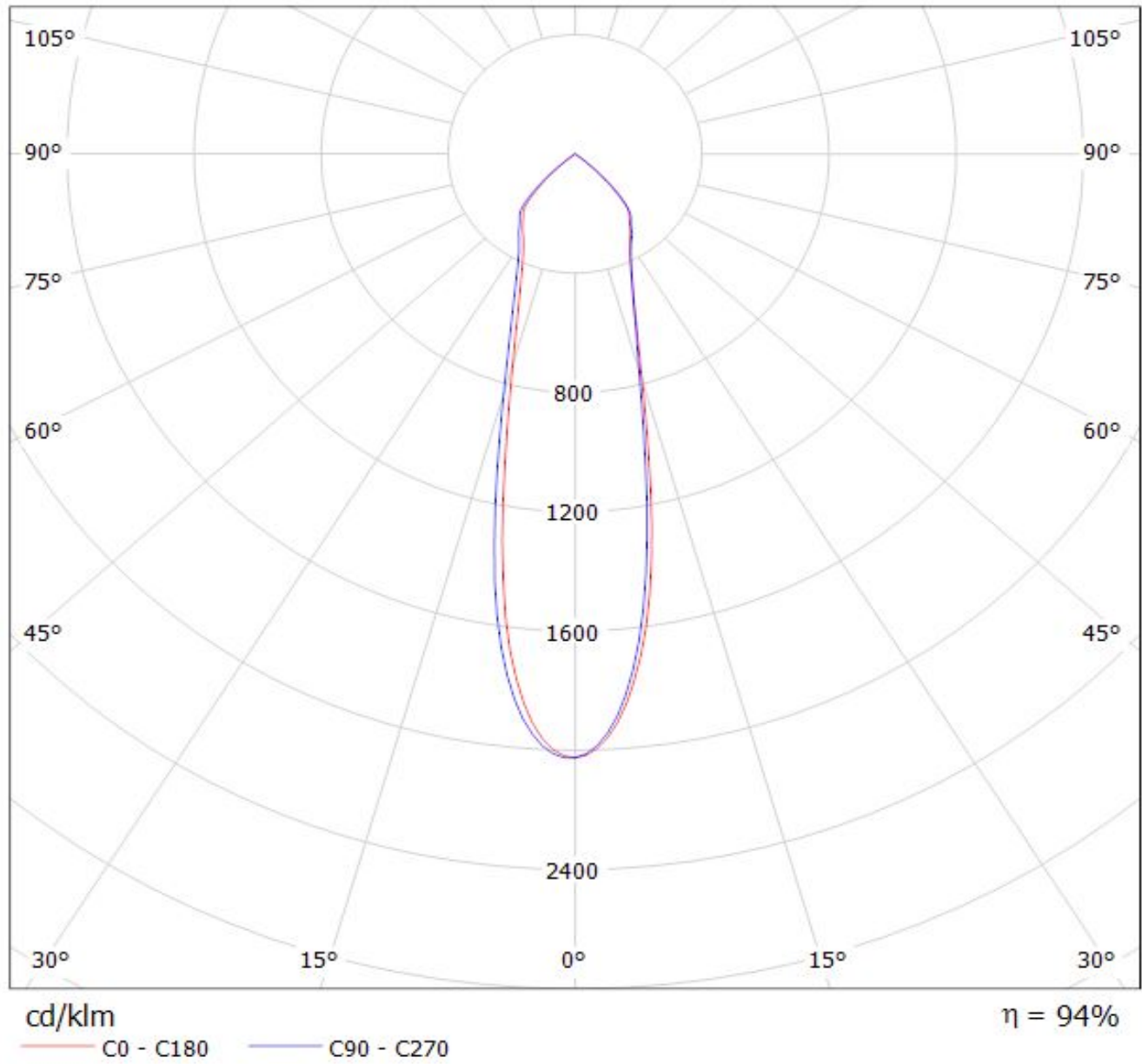
cd/klm

$\eta = 92\%$

— C0 - C180

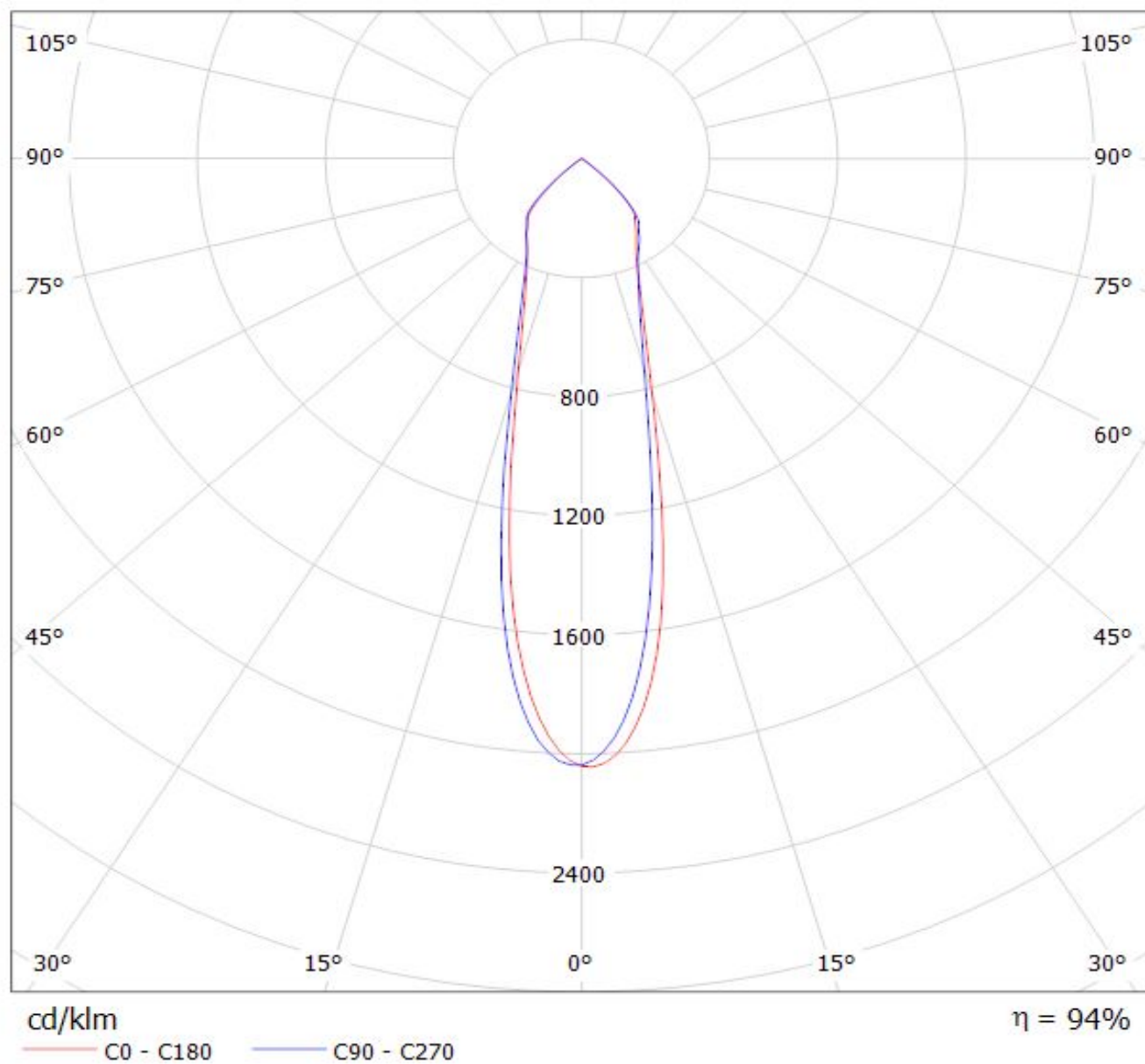
— C90 - C270

Luminaire: LEDiL Oy F13325_ANGELINA-S_(WU-M-462-827)
Lamps: 1 x Vossloh_WU-M-462-827_1116.7lm@250mA_P=8.9943W_I=249.8mA



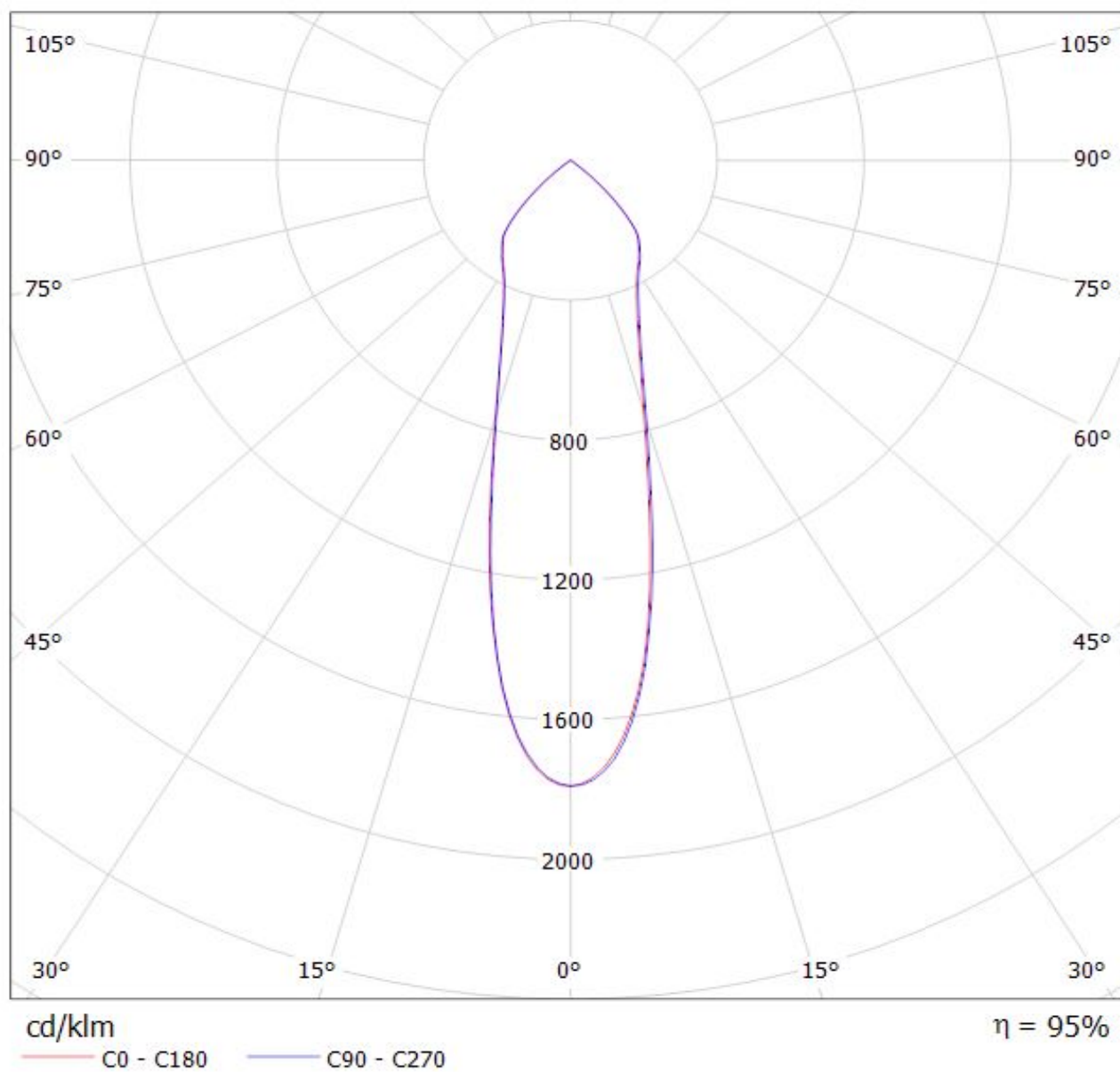
Luminaire: LEDiL Oy F13325_ANGELINA-S_(WU-M-464-827)

Lamps: 1 x Vossloh_WU-M-464-827_1452.93lm@250mA_P=11.6939W_I=249.8mA



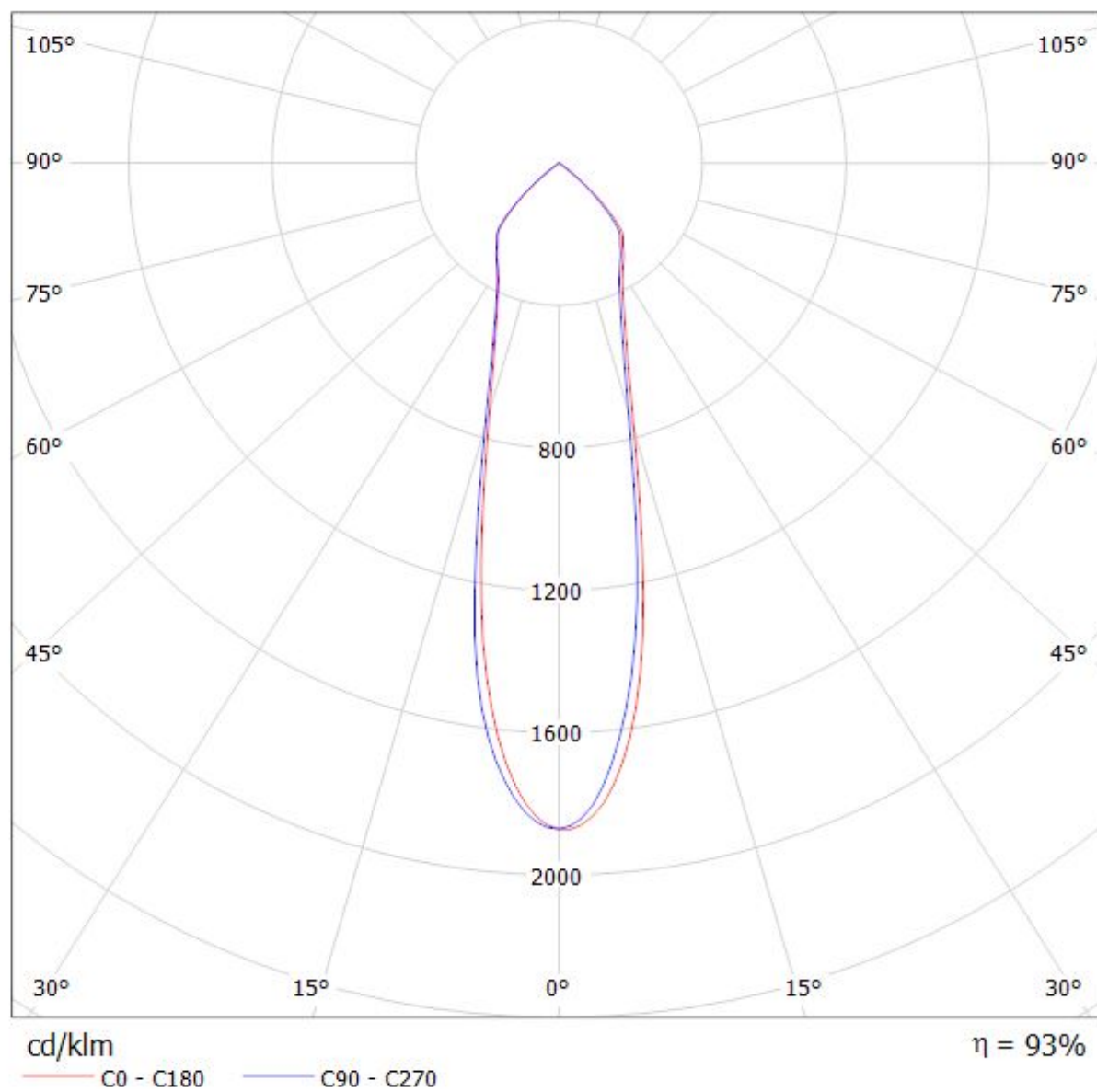
Luminaire: LEDiL Oy F13325_ANGELINA-S_(PrevaLED_LES23) Eff. 94%

Lamps: 1 x OSRAM PrevaLED_LES23_(PL-CORE-5000-930-Z3)_1102.2lm@250mA_P=9.93654W_I=249.8mA



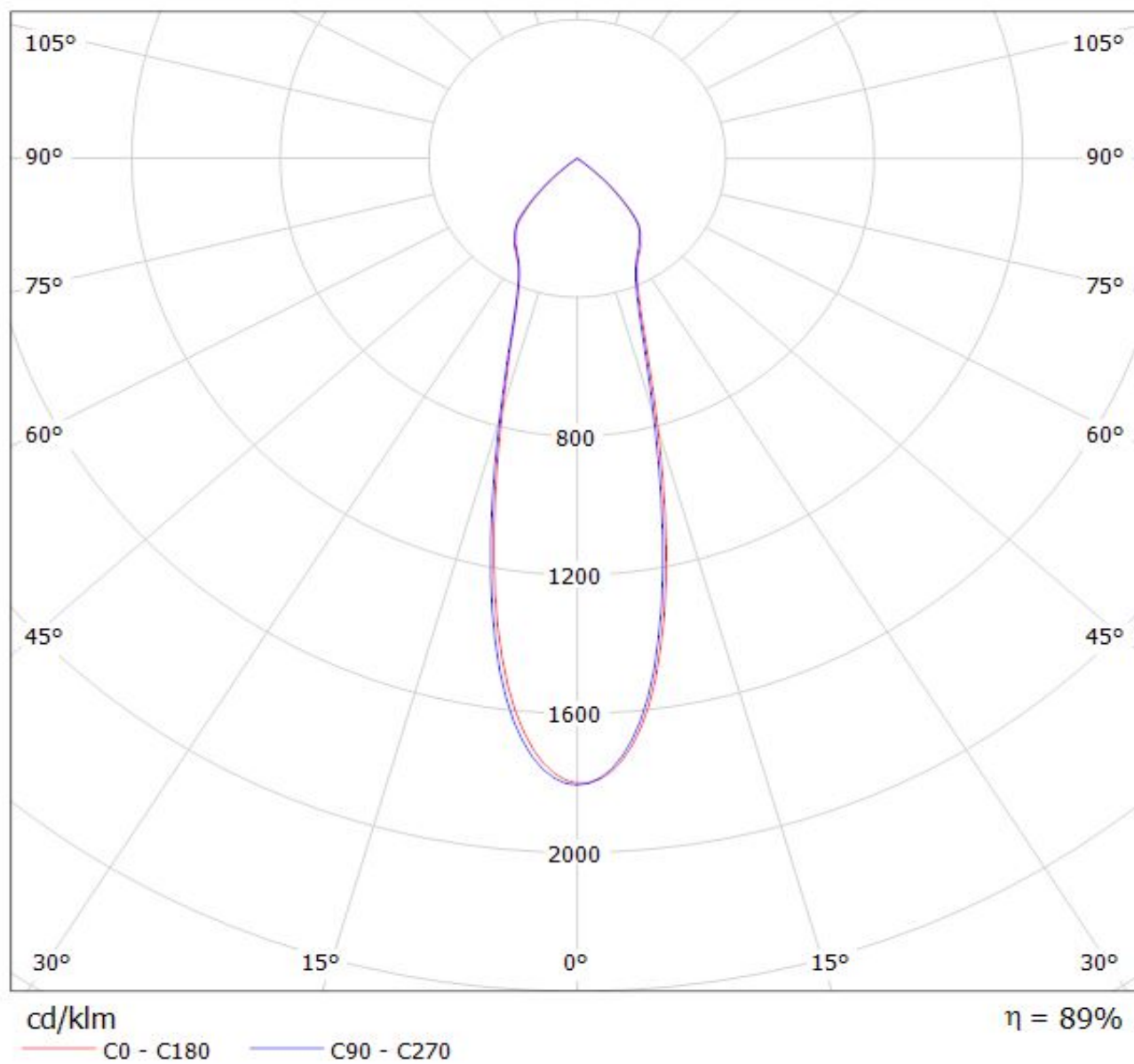
Luminaire: LEDiL Oy F13325_ANGELINA-S_(WU-M-485)

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

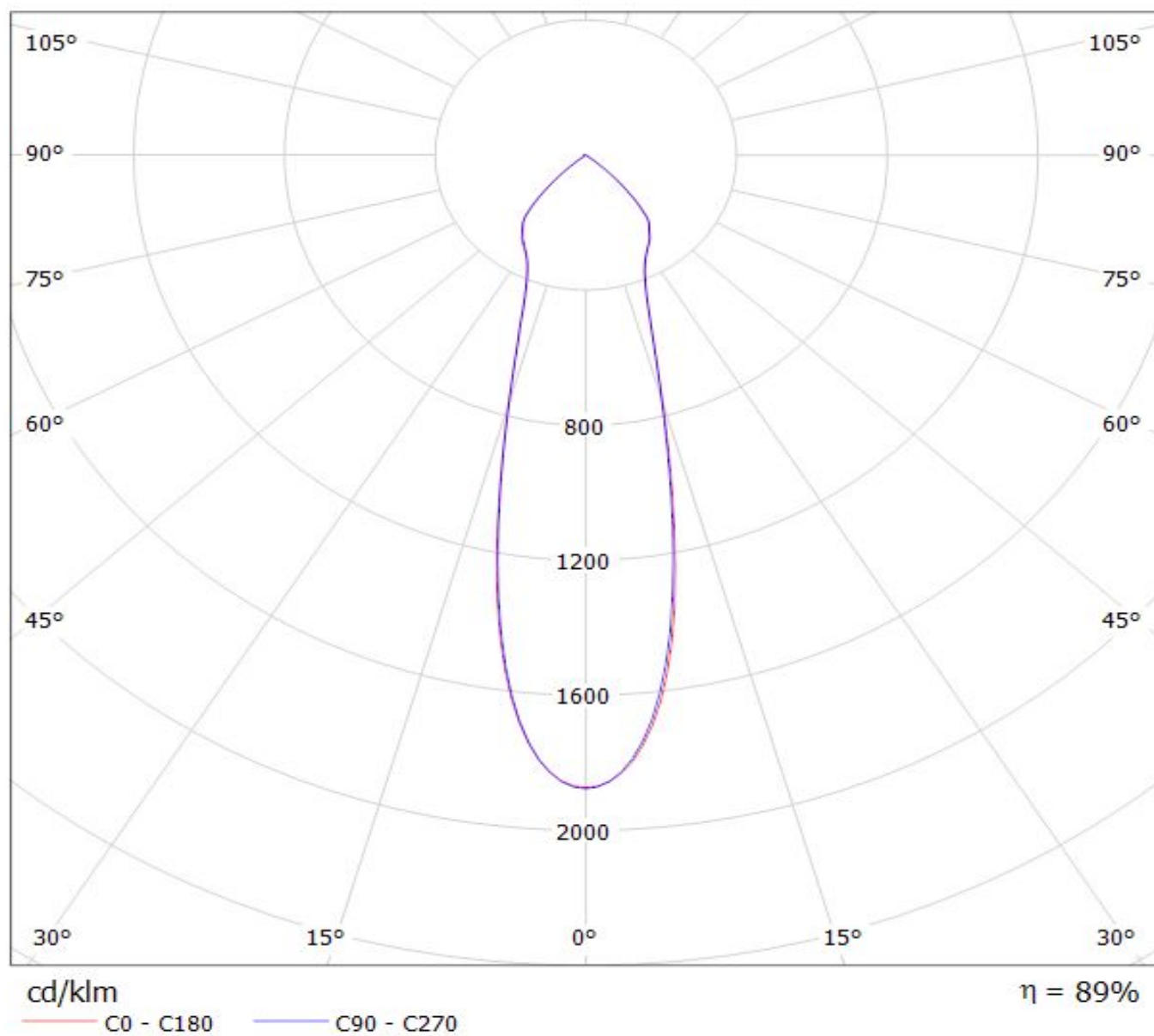


Luminaire: LEDiL Oy F13325_ANGELINA-S_(STARK_SLE_G2_LES26) Eff.89.2%

Lamps: 1 x TRIDONIC STARK SLE G2 LES26 830 CLA 1095.88lm@250mA CCT=3000K P=8W I=250mA

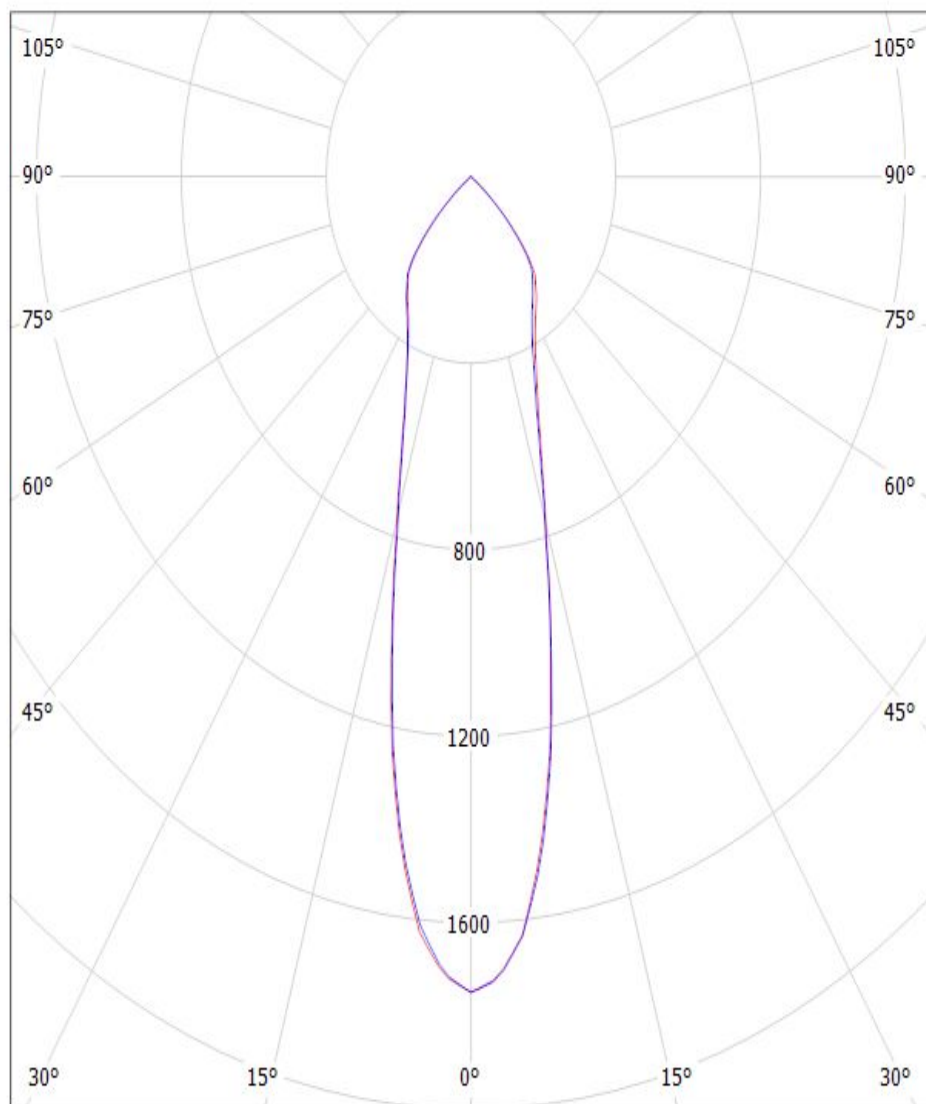


Luminaire: LEDiL Oy F13325_ANGELINA-S_(FORTIMO_4500) Eff.89.2%
Lamps: 1 x PHILIPS Fortimo 4500 1197lm@250mA I:250mA P:10.8W



Luminaire: LEDiL Oy F13325_ANGELINA-S_(SLE_G3_LES23) Eff.91.2%

Lamps: 1 x TRIDONIC_STARK_SLE_G3_LES23_(STARK-SLE-PURE_G3-23-3000-930-SEL)_813.196lm@250mA_CCT=3000K_P=8.20018W_I=249.8mA



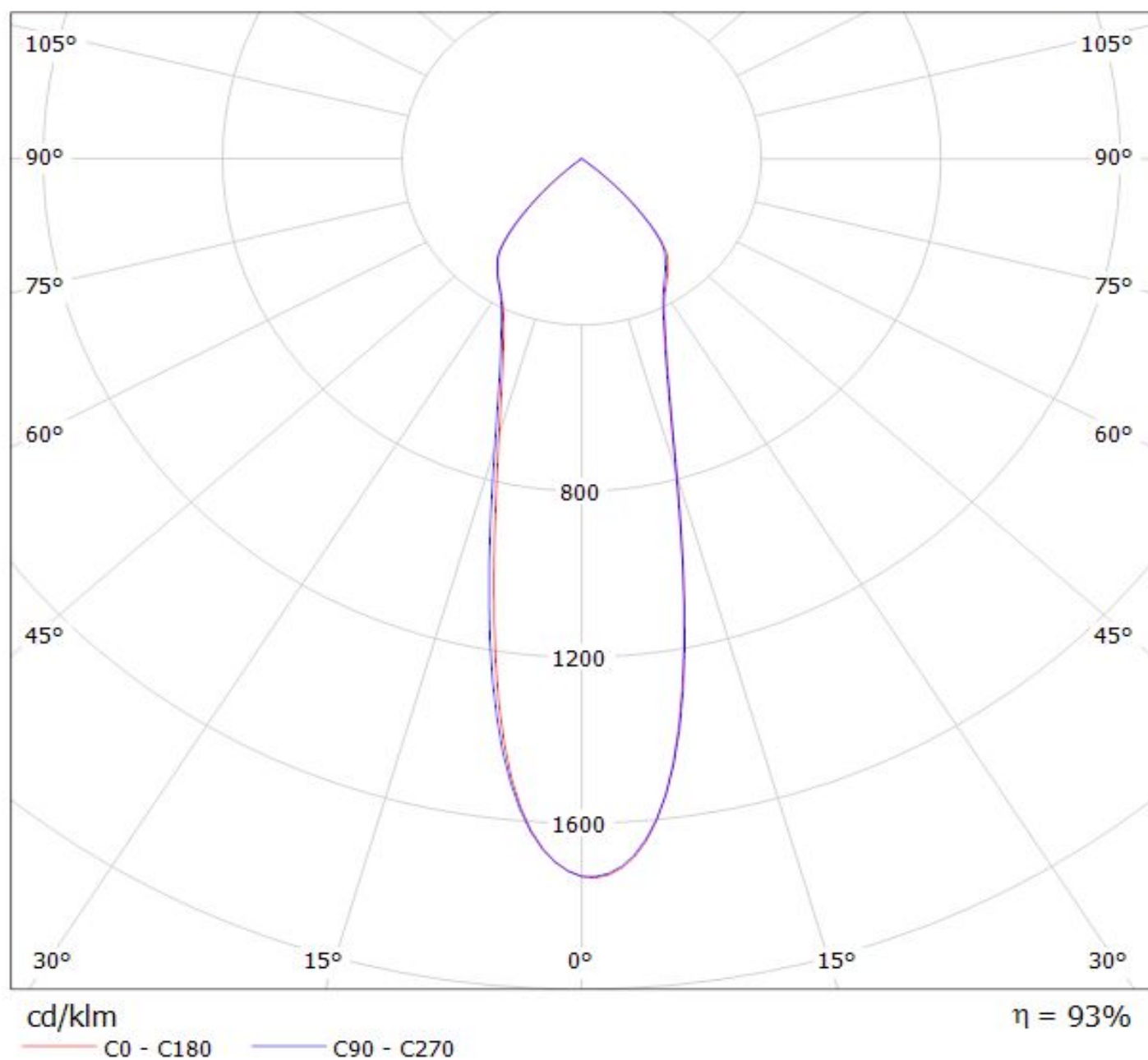
cd/klm

$\eta = 91\%$

— C0 - C180 — C90 - C270

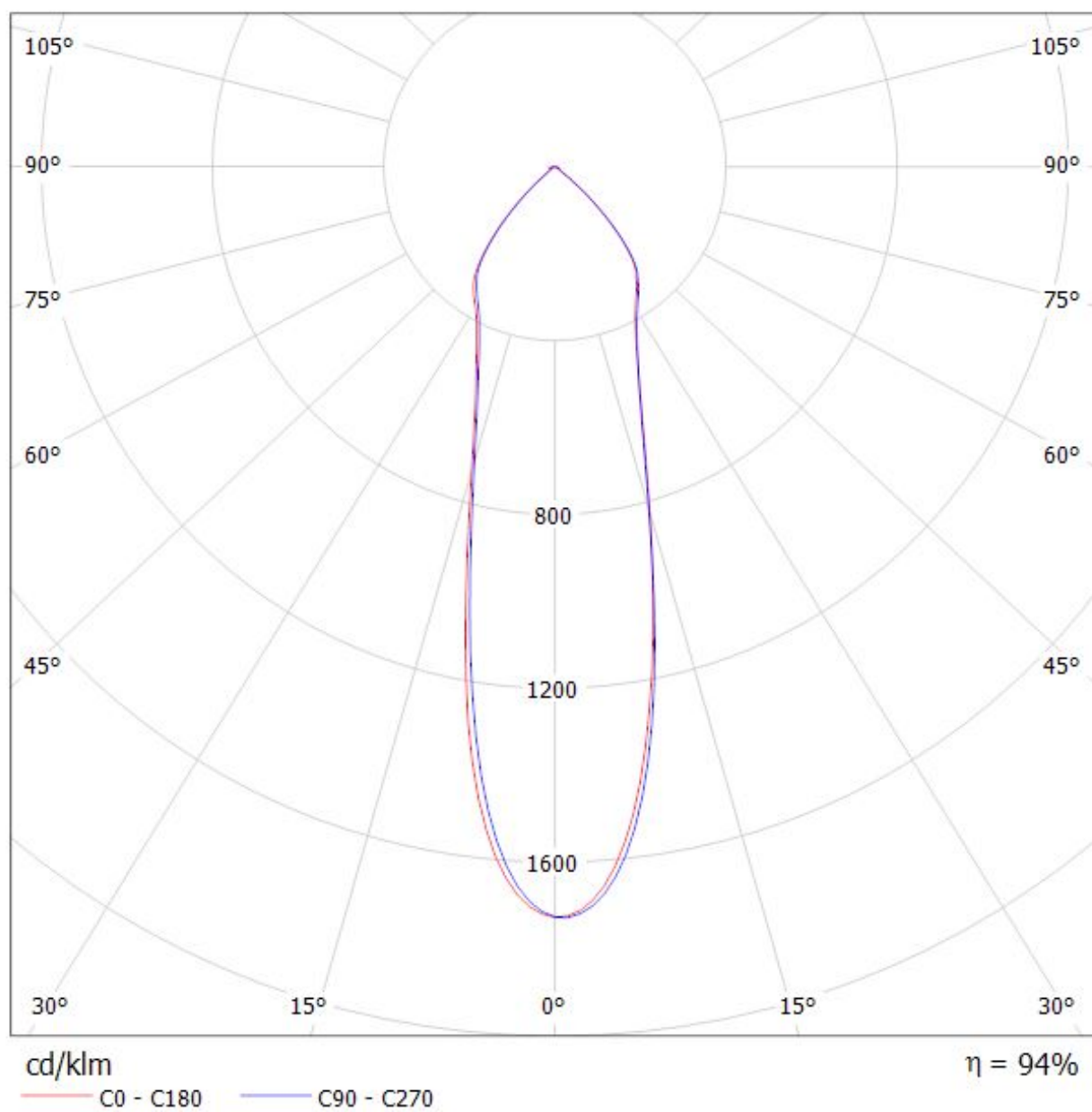
Luminaire: LEDiL Oy F13325_ANGELINA-S_(SLE_G4_LES23)

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



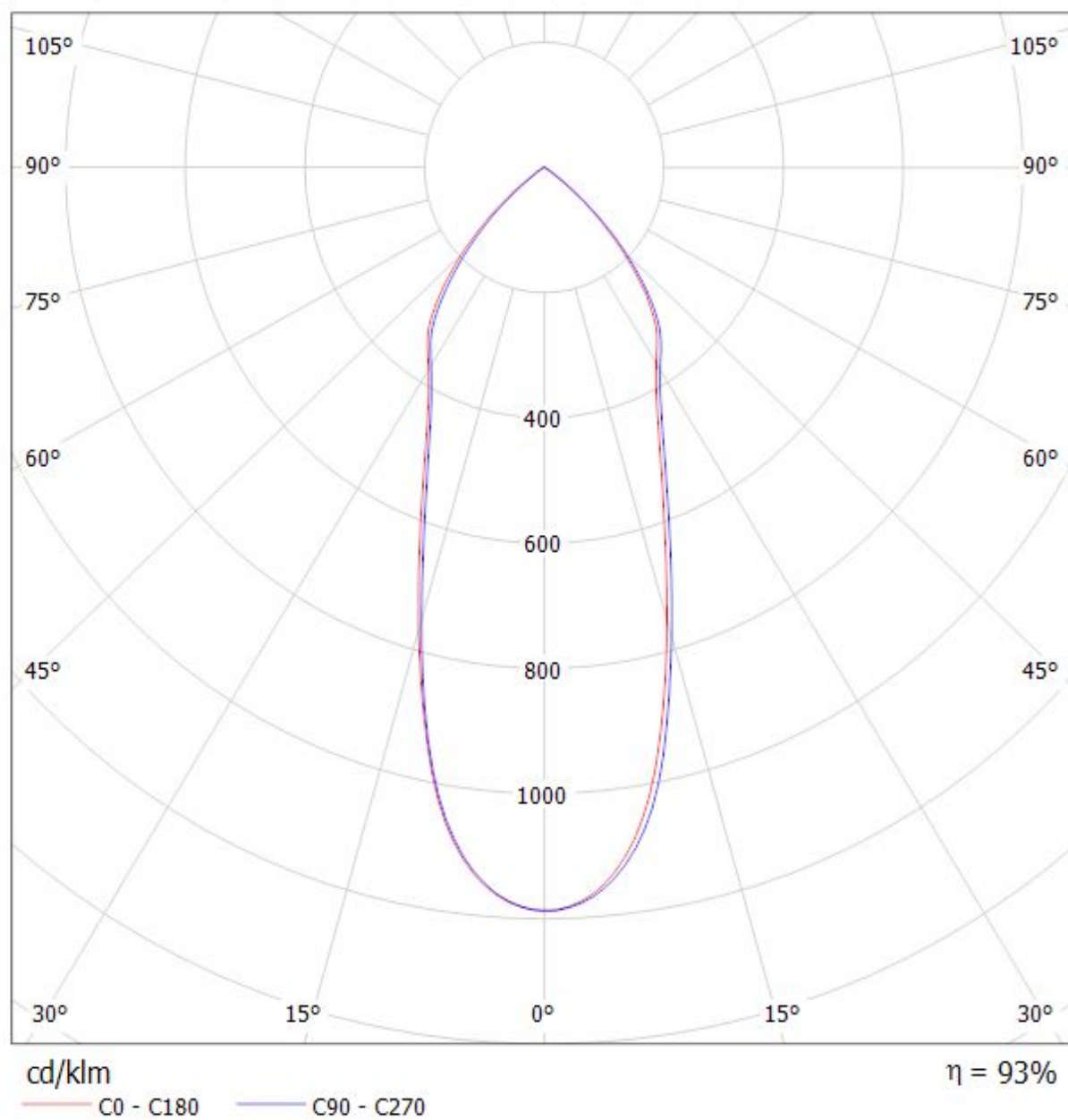
Luminaire: LEDiL Oy F13325_ANGELINA-S_(CXA30) Eff.94%

Lamps: 1 x CREE_CXA30_(CXA3050-3C0-Y2-N0H)_1340.66lm@250mA_P=8.16471W_CCT=5000K_I=249.8mA



Luminaire: LEDiL Oy F13325_ANGELINA-S_(CXA3590)

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