

DETAILS

Product Number	F13402_ANGELINA-W
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	11/11/2014



OPTICAL PROPERTIES

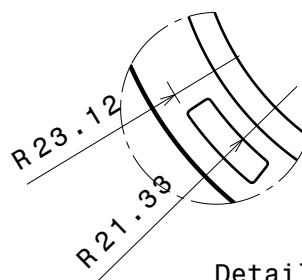
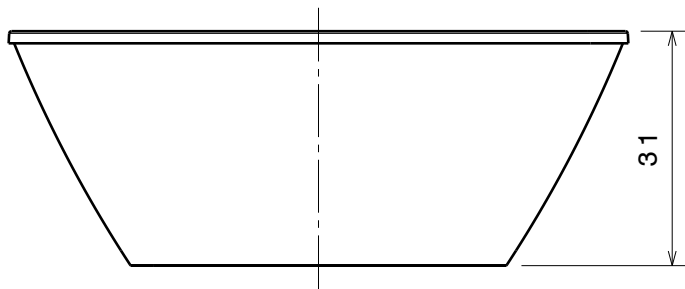
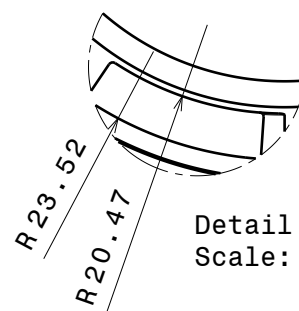
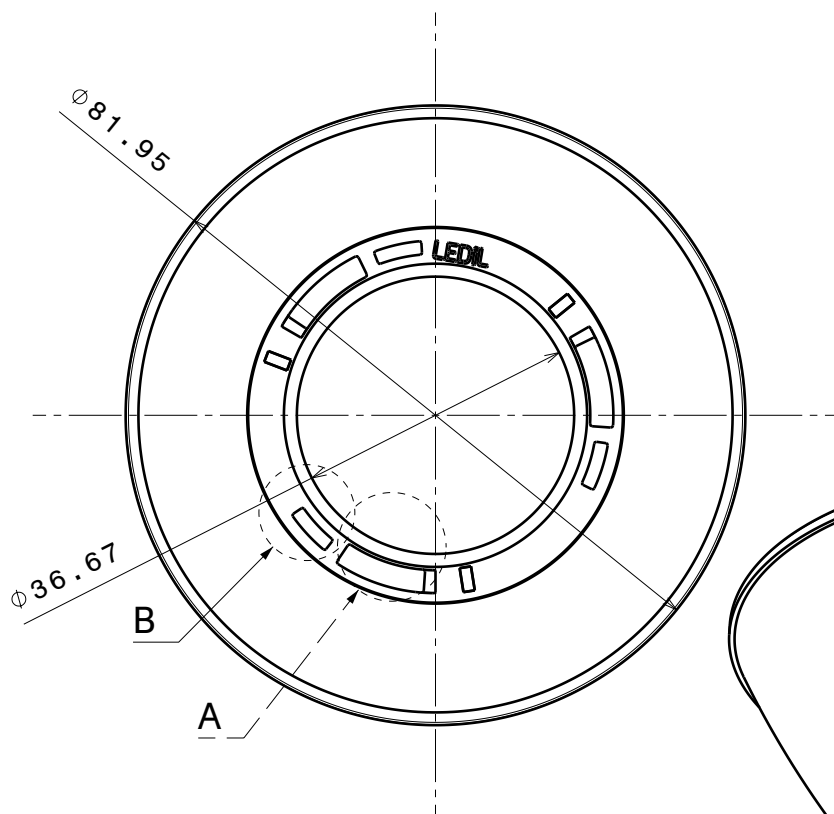
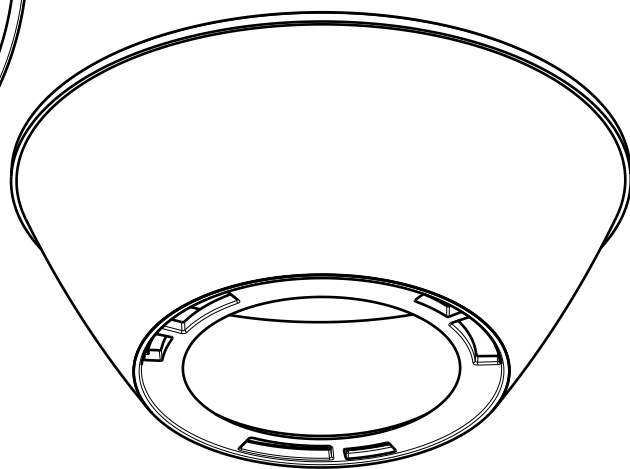
LED	Viewing	Light	Efficiency	cd/lm	Connector
	Angle	Beam			
Fortimo LED SLM L9 G4 standard	38 deg	Wide	92 %	1.200	TE: Z50 Optic Clip part nr. 2213194-1
CLU720	38 deg	Wide	93 %	1.200	IDEAL: 50-2103CT + Angela(50-2100AN)
PrevaLED Core Z3 LES9	38 deg	Wide	93 %	1.280	TE: Z50 Optic Clip part nr. 2213194-1
CXA/B 1816 & CXA/B 1820 & CXA 1850	39 deg	Wide	94 %	1.280	IDEAL: 50-2101CR + Angela(50-2100AN)
L121A/L060B/L024Z	39 deg	Wide	91 %	1.230	IDEAL: 50-2100NC + Angela(50-2100AN)
PrevaLED Core AC (LEP-800)	40 deg	Wide	93 %	1.260	TE: Z50 Optic Clip part nr. 2213194-1
LUXEON CoB 1204/1205	40 deg	Wide	93 %	1.240	IDEAL: 50-2100SH + Angela(50-2100AN)
COB 10W/13W/17W/24W	40 deg	Wide	93 %	1.250	IDEAL: 50-2100LG + Angela(50-2100AN)
BXRA ES Rectangle	43 deg	Wide	93 %	1.210	IDEAL: 50-2100BL + Angela(50-2100AN)
Mega Zenigata (GW6DME)	43 deg	Wide	93 %	1.180	IDEAL: 50-2100SH + Angela(50-2100AN)
CLL03x/CLU034	43 deg	Wide	93 %	1.190	IDEAL: 50-2103CT + Angela(50-2100AN)
J216A/J130B/J108B/J048Z	43 deg	Wide	94 %	1.190	IDEAL: 50-2103NC + Angela(50-2100AN)
LUXEON CoB 1208	44 deg	Wide	93 %	1.170	IDEAL: 50-2100SH + Angela(50-2100AN)
LUXEON K12	45 deg	Wide	94 %	1.150	TE: part nr. 2213134-2 + Z50 Optic Clip part nr. 2213194-1
Fortimo LED SLM L13 G4 standard	45 deg	Wide	93 %	1.100	TE: Z50 Optic Clip part nr. 2213194-1
CLU720	45 deg	Wide	94 %	1.100	TE: part nr. 2213254-2 + Z50 Optic Clip part nr. 2213194-1
LUXEON CoB 1204/1205	45 deg	Wide	94 %	1.200	TE: part nr. 2213130-2 + Z50 Optic Clip part nr. 2213194-1
Soleriq P13	47 deg	Wide	93 %	1.080	TE: part nr. 2213401-2 + Z50 Optic Clip part nr. 2213194-1
Soleriq S13	47 deg	Wide	94 %	1.200	TE: part nr. 2213401-2 + Z50 Optic Clip part nr. 2213194-1
Mega Zenigata (GW6DME)	47 deg	Wide	92 %	1.100	TE: part nr. 2213130-2 + Z50 Optic Clip part nr. 2213194-1
Fortimo LED SLM L15 G4 standard	47 deg	Wide	93 %	1.100	TE: Z50 Optic Clip part nr. 2213194-1
PrevaLED Core Z4 LES19	47 deg	Wide	93 %	1.100	TE: Z50 Optic Clip part nr. 2213194-1
CXA/B 25xx	47 deg	Wide	94 %	1.090	IDEAL: 50-2102CR + Angela(50-2100AN)
LUXEON K16	48 deg	Wide	94 %	1.000	TE: part nr. 2213134-2 + Z50 Optic Clip part nr. 2213194-1
CXM-14	48 deg	Wide	93 %	1.070	TE: part nr 2213254-2 + Z50 Optic Clip part nr. 2213194-1

D

C

B

A

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

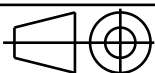
INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1		ANGELINA	PC	metal

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
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SIZE PART NUMBER

A4

-

SCALE 1:1 WEIGHT

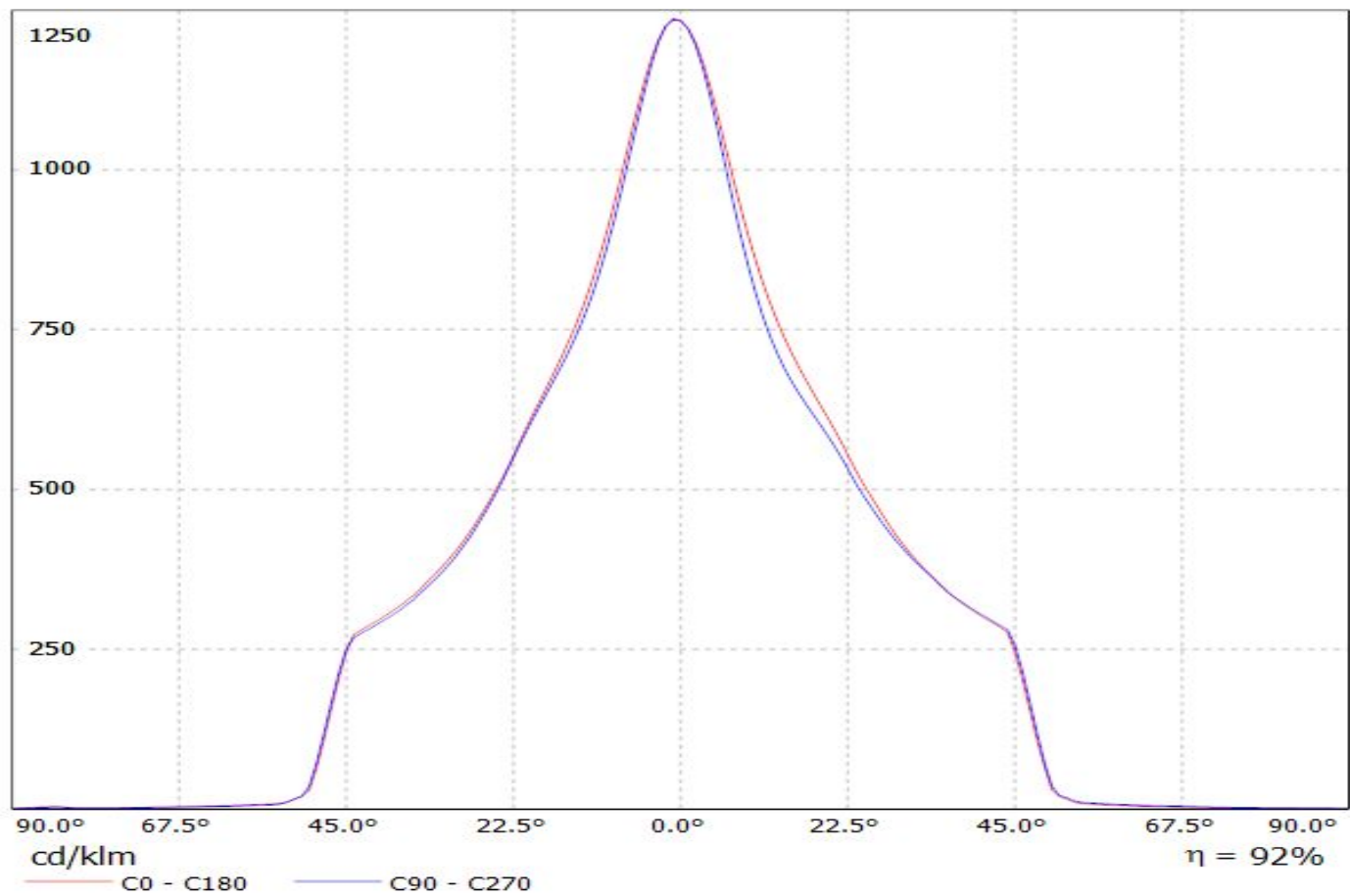
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SHEET 1/1

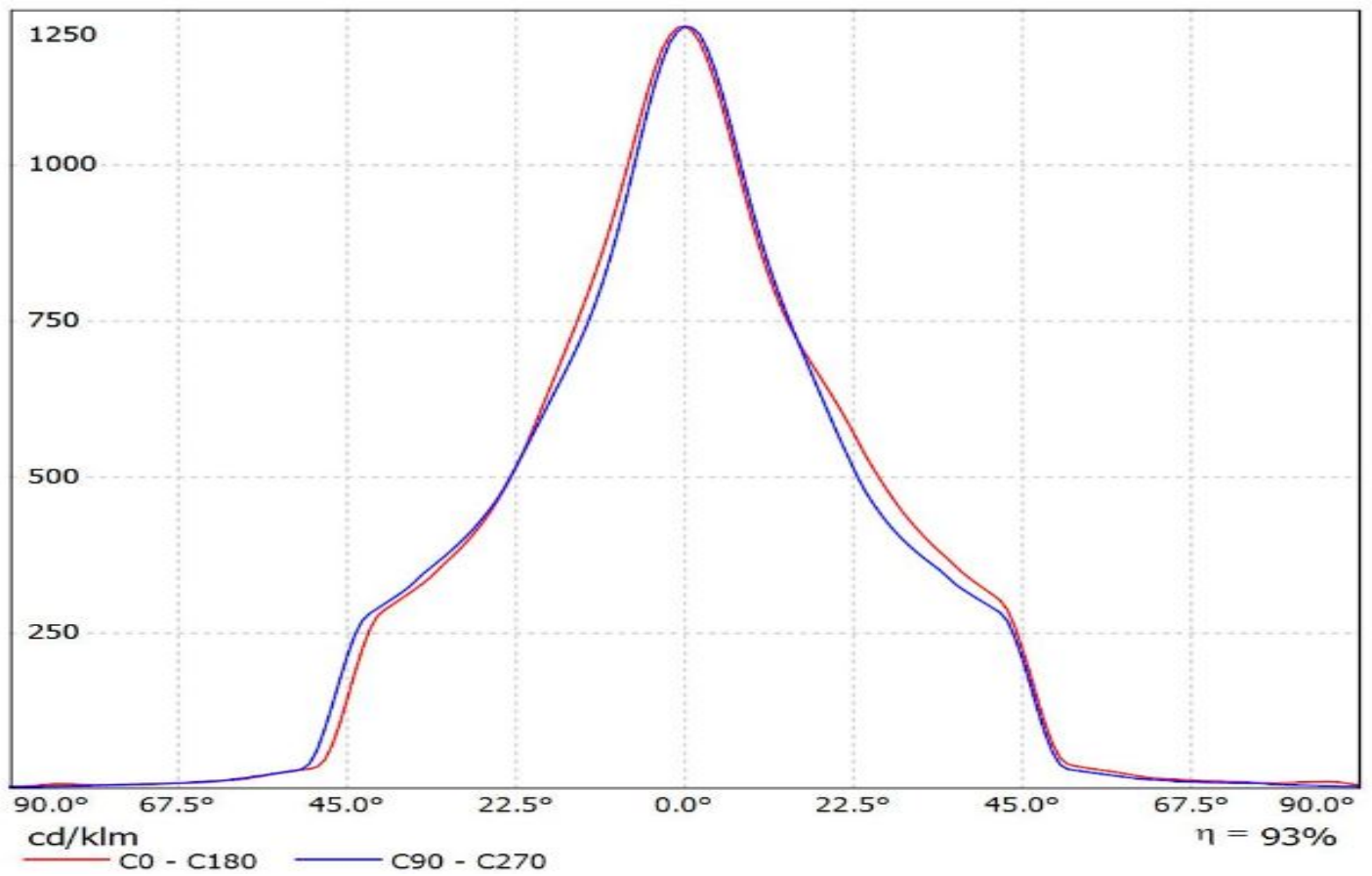
D

A

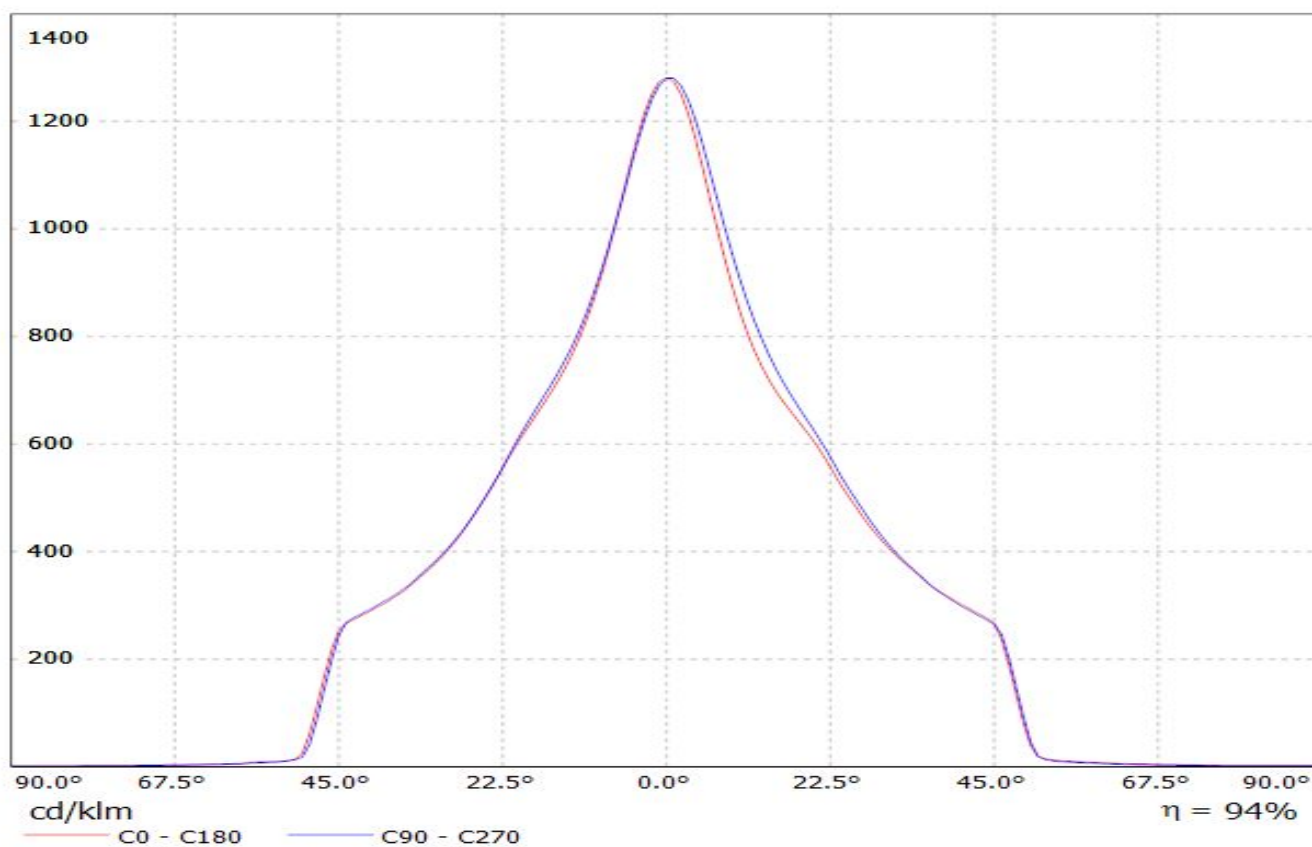
Luminaire: LEDiL Oy F13402_ANGELINA-W_(Fortimo LED SLM 1100 lm 830 L9 G4)
Lamps: 1 x Fortimo LED SLM 1100 lm 830 L9 G4_1021.27lm@250mA_P=9.2431W_I=0.2498A



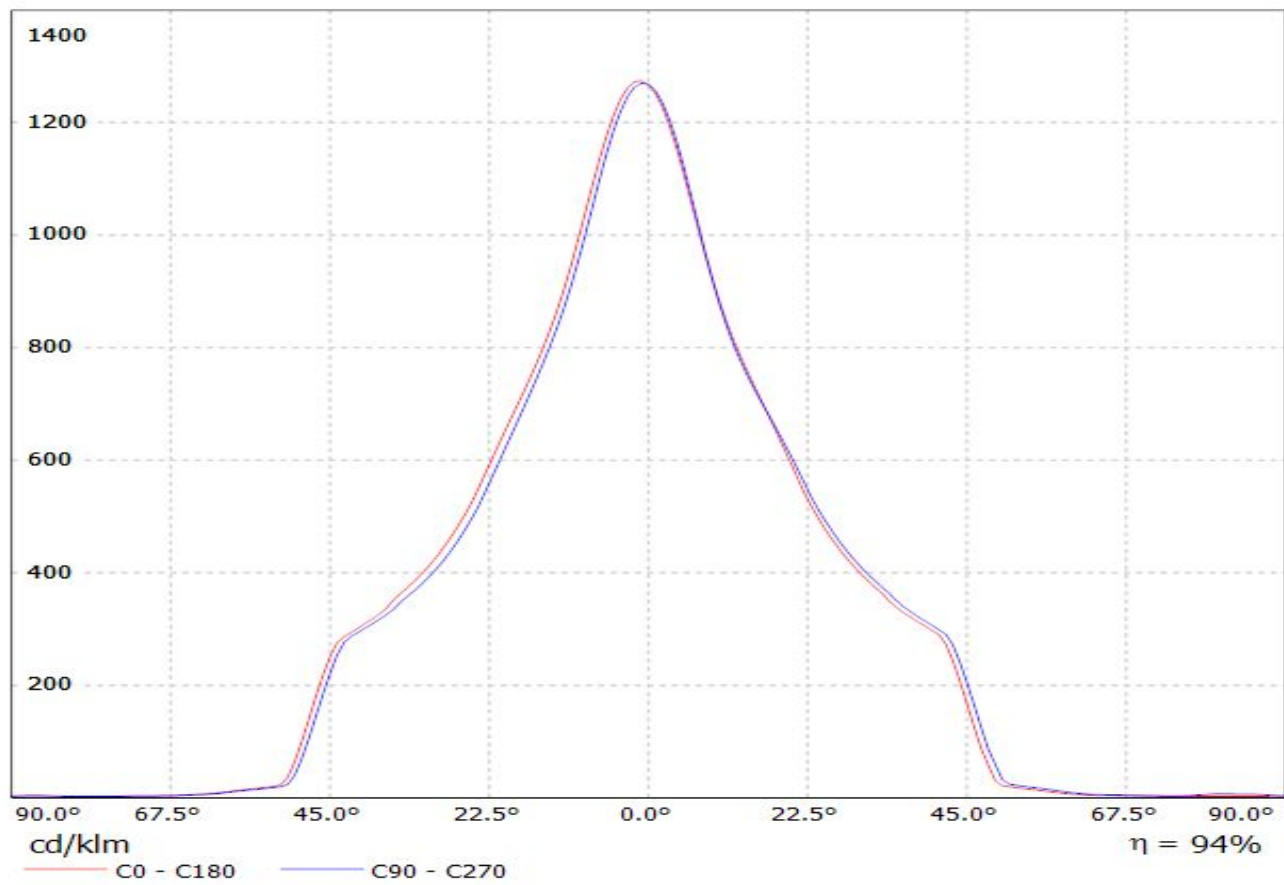
Luminaire: Ledil F13402_ANGELINA-W_(CLU720)
Lamps: 1 x CITIZEN_CLU720_(CLU720-1206B8-273M2)
_1337.27lm@250mA_CCT=2700K_P=8.35W_I=0.25A



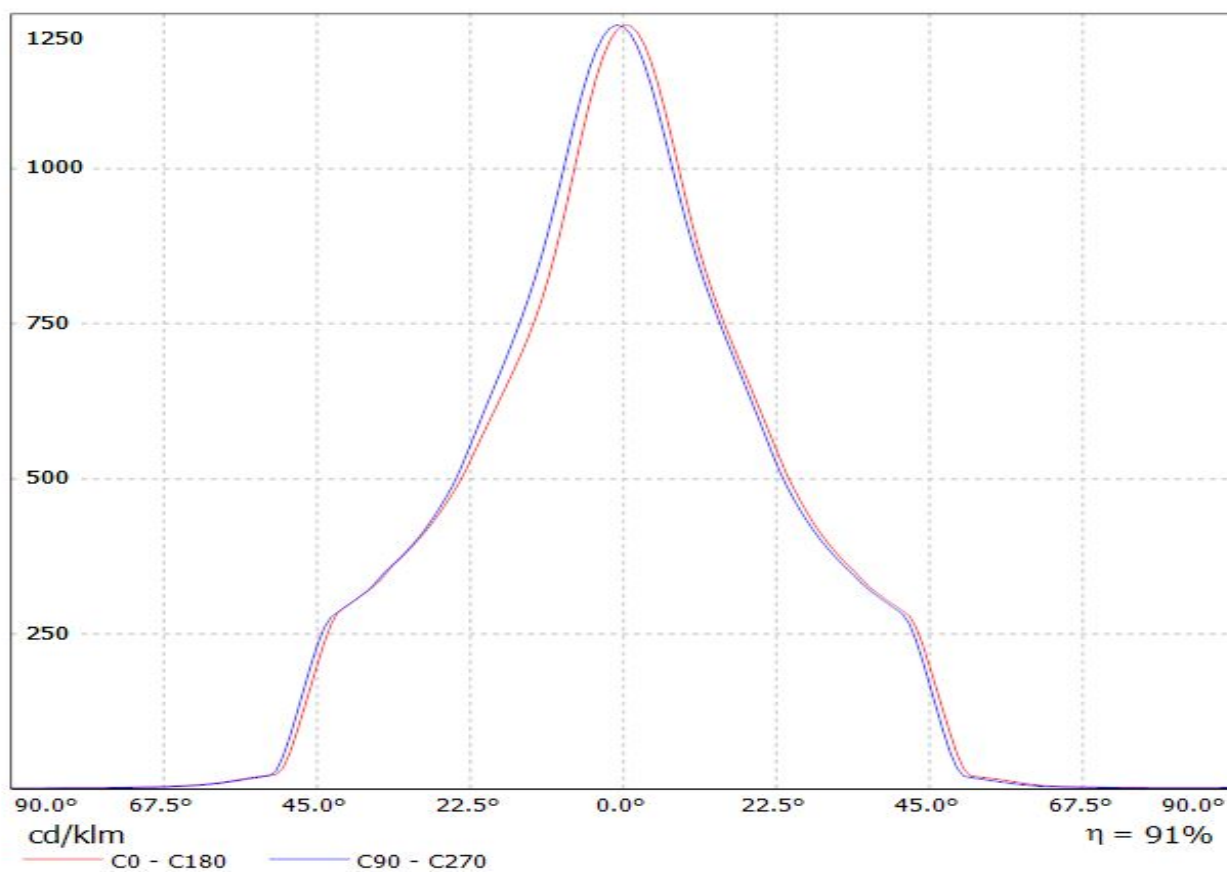
Luminaire: LEDiL Oy F13402_ANGELINA-W_(PrevaLED_LES9) Eff. 93%
Lamps: 1 x PrevaLED_LES9_(PL-CORE-1100-830-Z3)_507.9lm@100mA_P=4.5039W_I=100.1mA



Luminaire: LEDiL Oy F13402_ANGELINA-W_(CXA1816) Eff. 94%
Lamps: 1 x CREE_CXA1816_1042.78lm@250mA_P=8.65157W_I=249.9mA

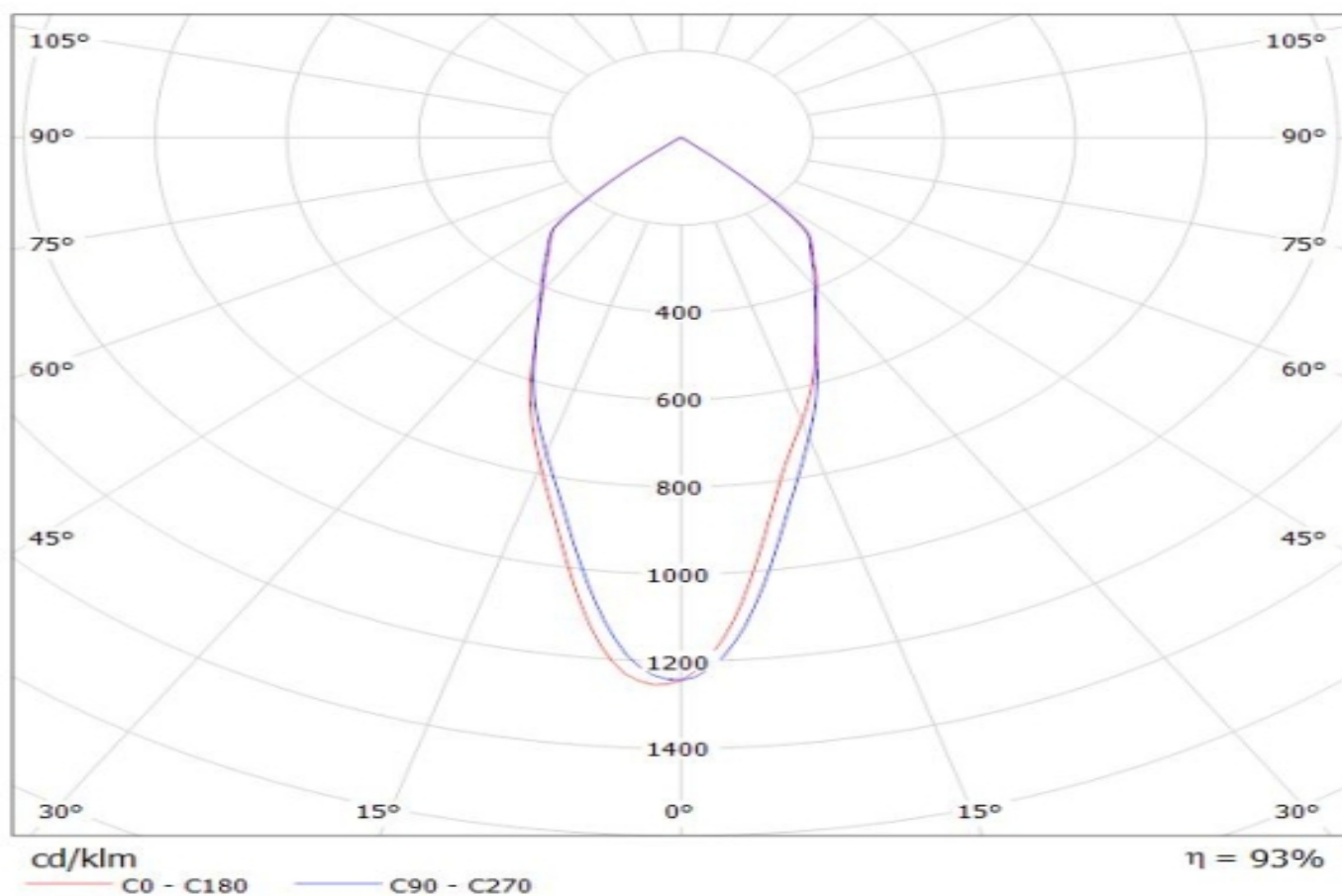


Luminaire: LEDiL Oy F13402_ANGELINA-W_(NSBxL121A) Eff.90.9%
Lamps: 1 x NICHIA_NSBxL121A_(NSBLL121AE)_805.561lm@250mA_CCT=3000K_P=7.3681W_I=249.8mA

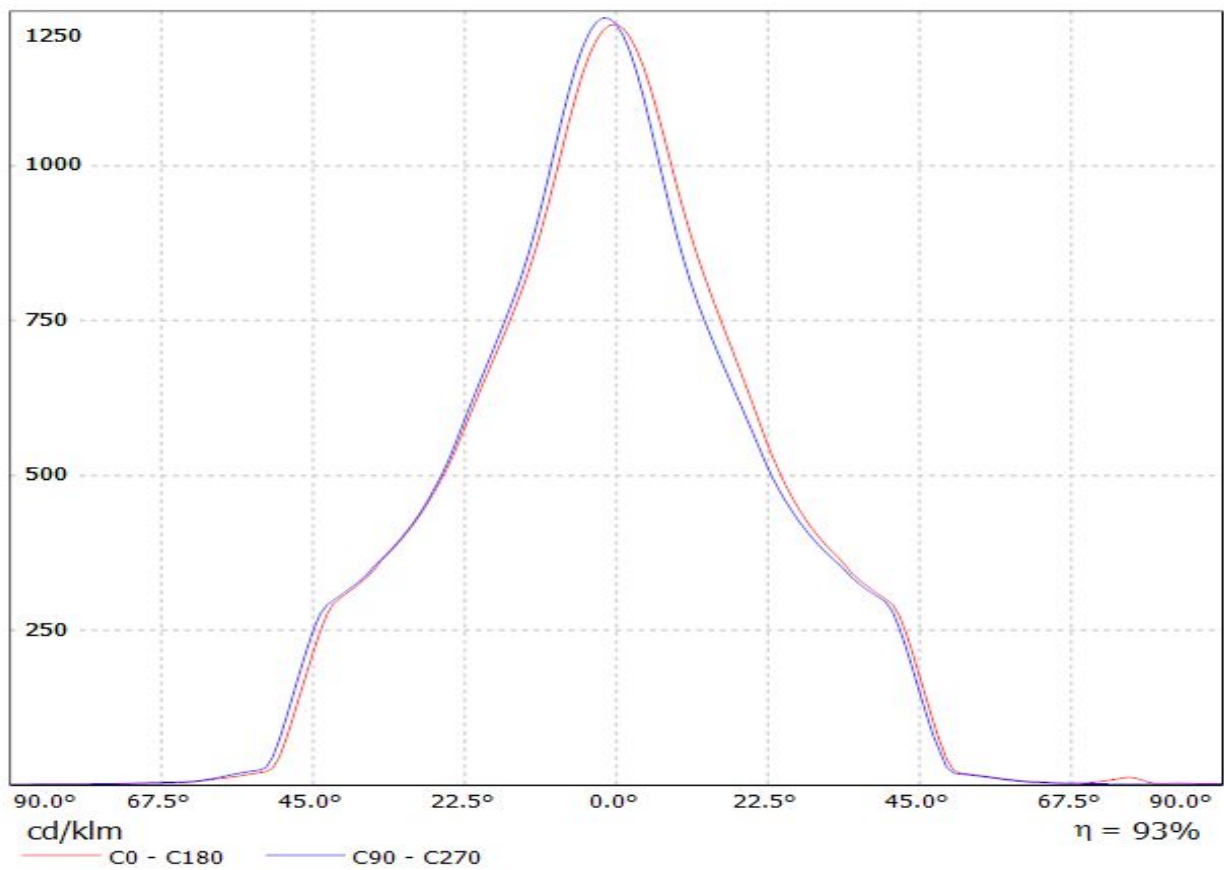


Luminaire: LEDiL Oy F13402_ANGELINA-W (LEP-800-827-C-AC)

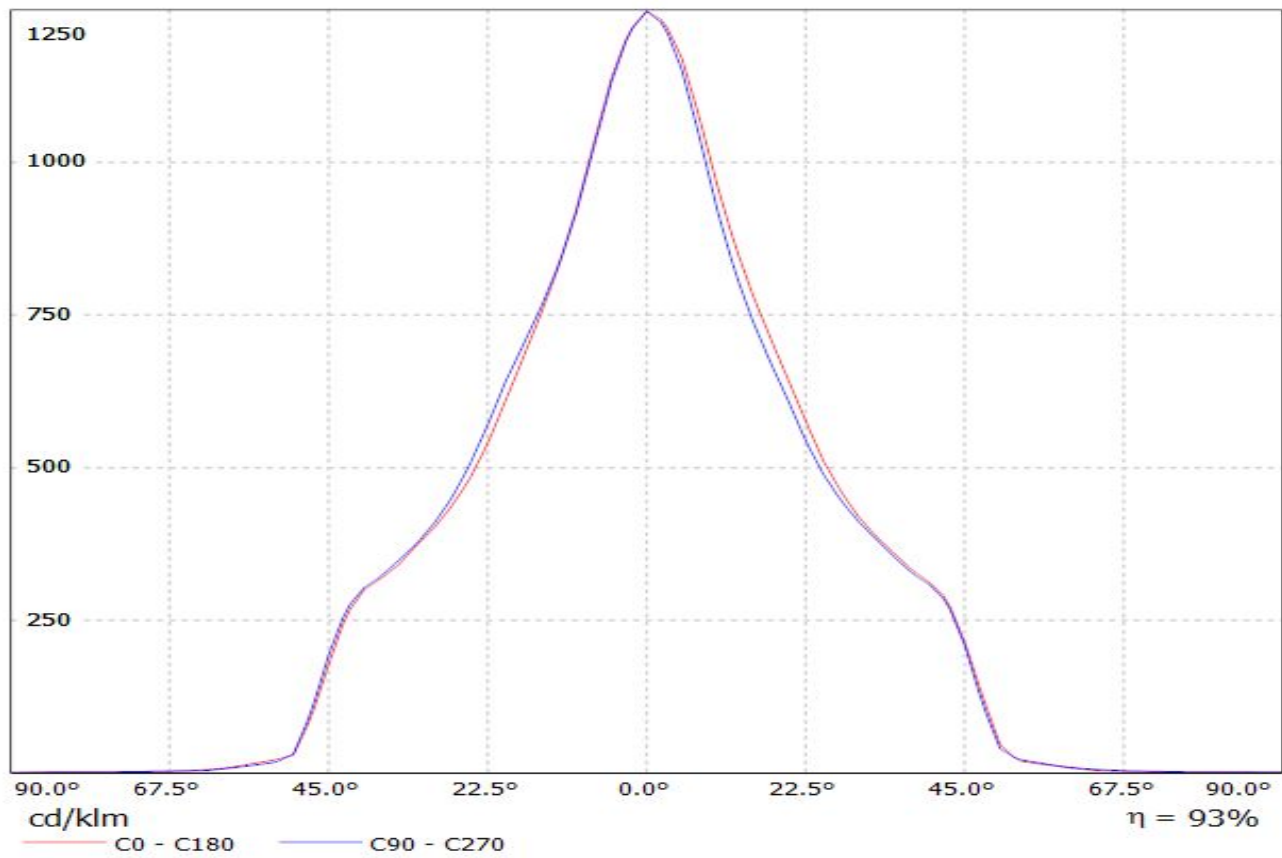
Lamps: 1 x OSRAM PrevaLED Core AC (LEP-800-827-C-AC) 910lm@60mA U:230V P:14W



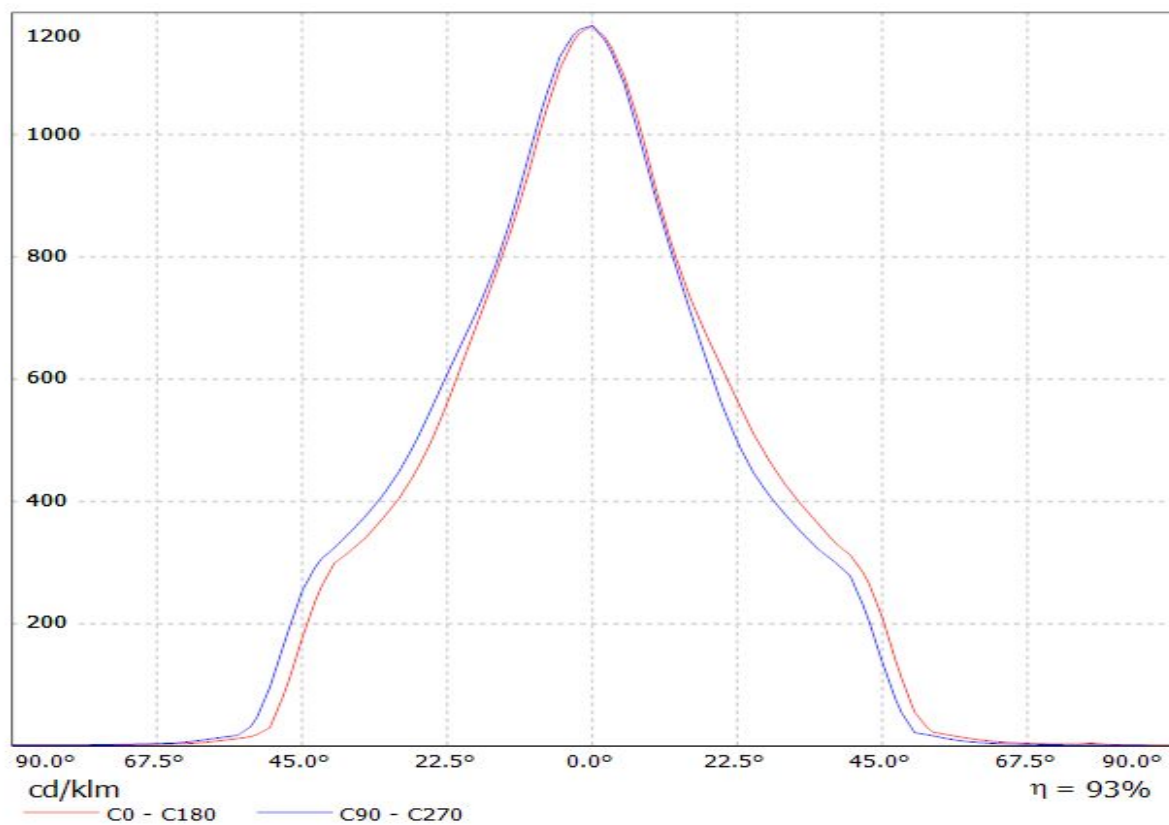
Luminaire: LEDiL Oy F13402_ANGELINA-W_(LUXEON_COB_1205) Eff.93.0%
Lamps: 1 x LUXEON_COB_1205_(LHC1-3080-1205)_1084.49lm@250mA_CCT=3000K_P=8.31784W_I=249.8mA



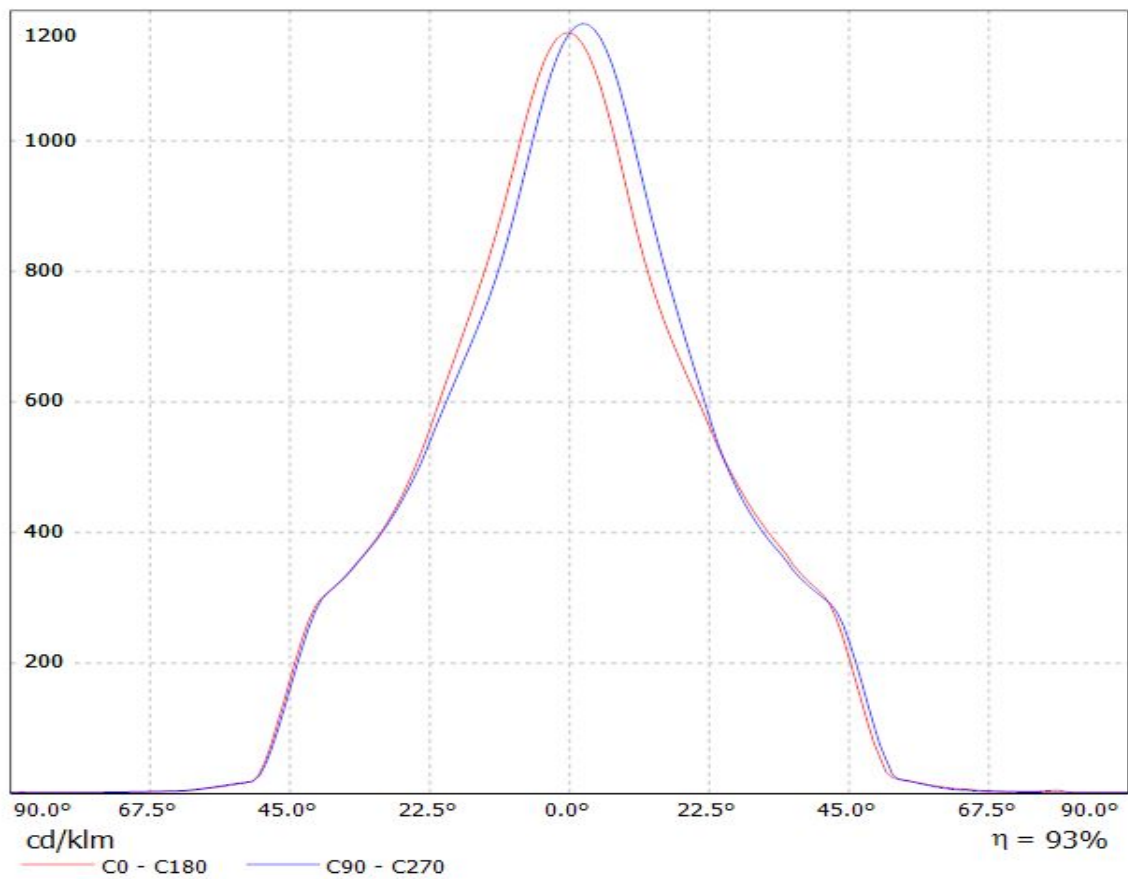
Luminaire: LEDiL Oy F13402_ANGELINA-W_(LG_COB-10W) Eff.93.1%
Lamps: 1 x LG_COB-10W_1024lm@250mA_CCT=5090K_P=9W_I=250mA



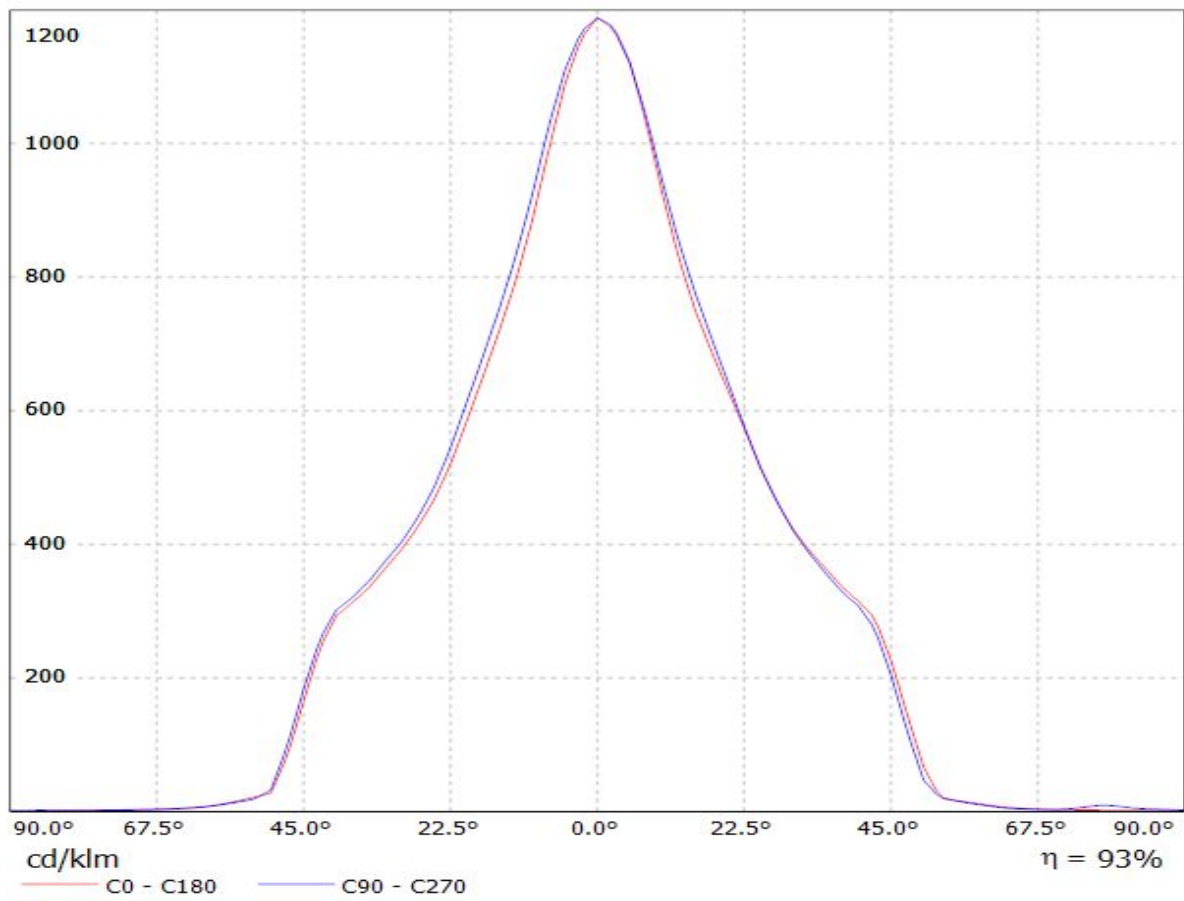
Luminaire: LEDiL Oy F13402_ANGELINA-W_(MEGAZENIGATA) Eff.93.0%
Lamps: 1 x SHARP_MEGAZENIGATA_(GW6DME30NFC)_1238.26lm@250mA_CCT=3000K_P=11.1211W_I=249.8mA



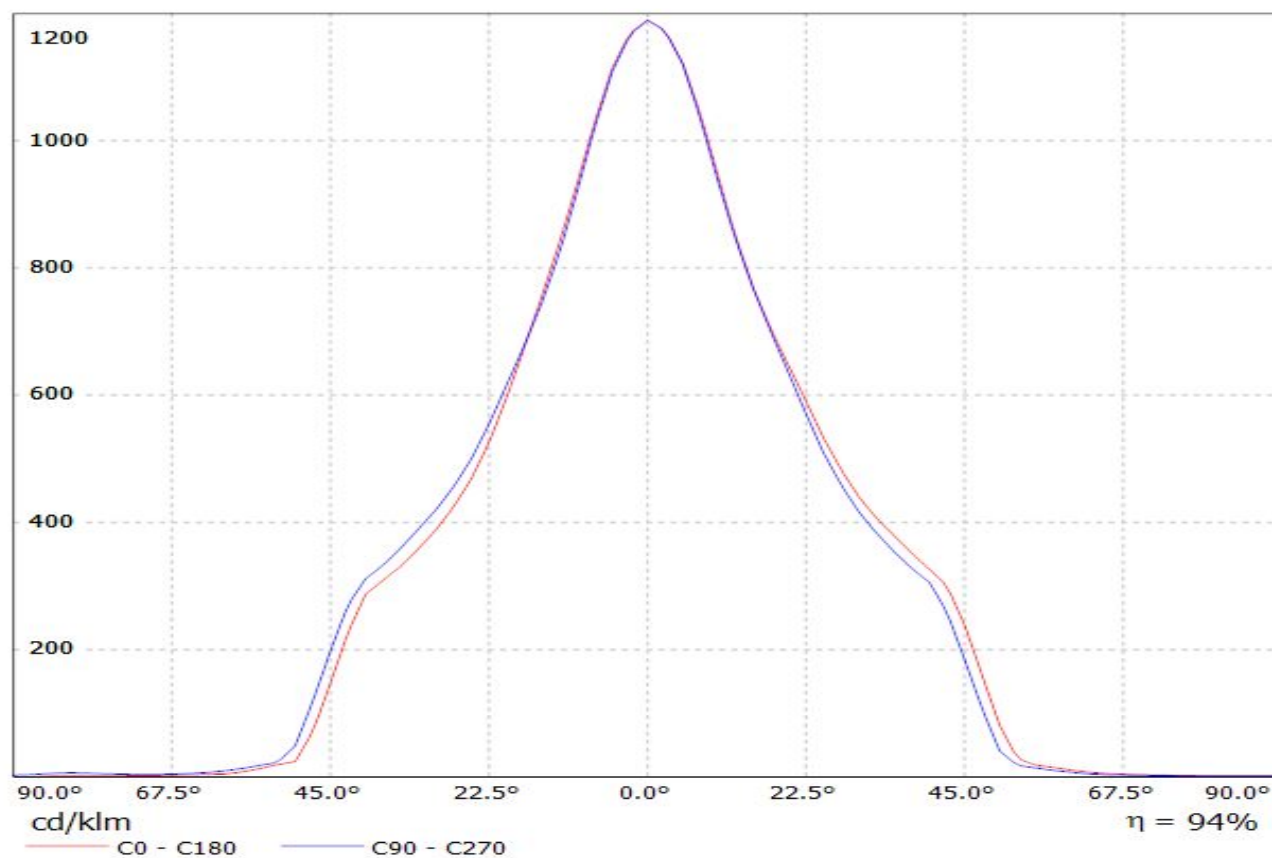
Luminaire: LEDiL Oy F13402_ANGELINA-W_(MEGAZENIGATA) Eff.93.0%
Lamps: 1 x SHARP_MEGAZENIGATA_(GW6DME30NFC)_1238.26lm@250mA_CCT=3000K_P=11.1211W_I=249.8mA



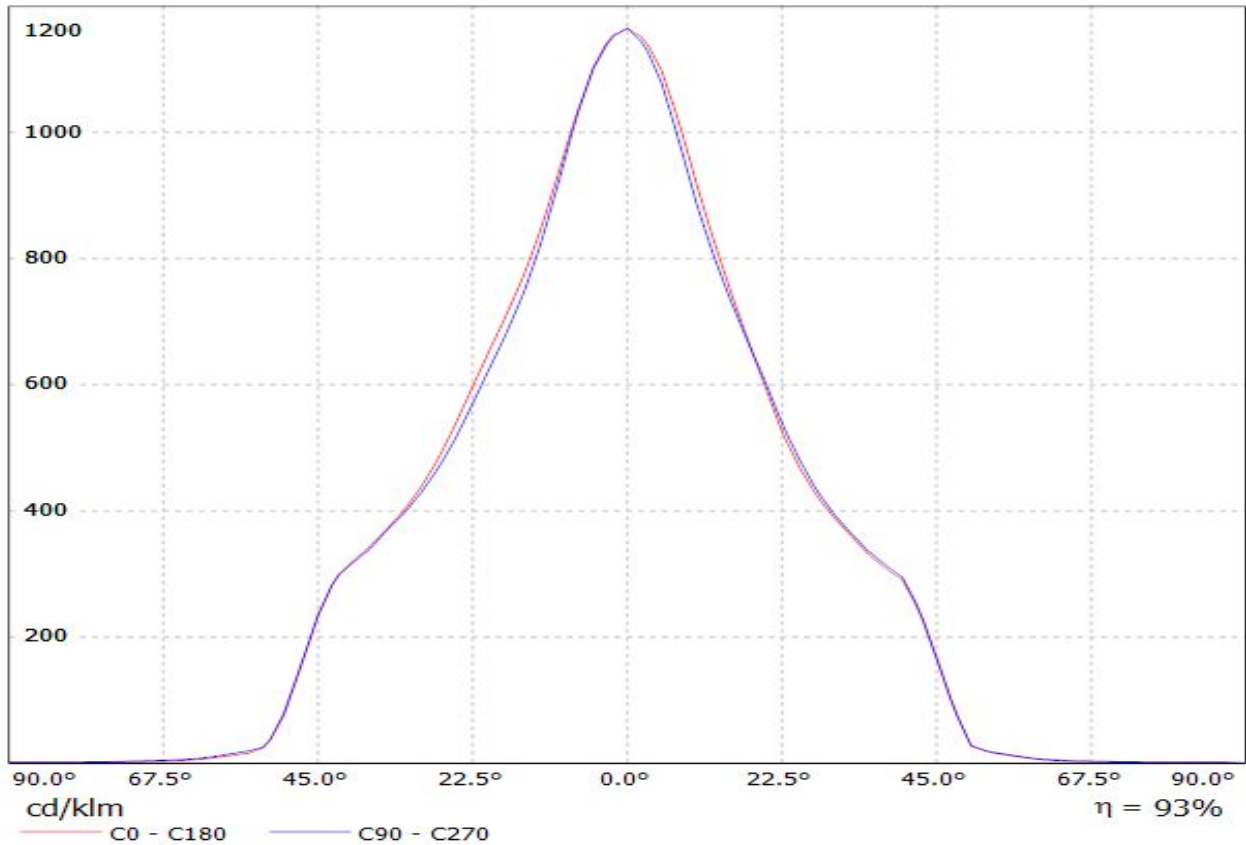
Luminaire: LEDiL Oy F13402_ANGELINA-W_(CLL030) Eff.92.6%
Lamps: 1 x CITIZEN_CLL030_(CLL030-1205A5-303H1A7)_758.588lm@250mA_CCT=5090K_P=8.61086W_I=249.8mA



Luminaire: LEDiL Oy F13402_ANGELINA-W_(NSCxJ216A) Eff.93.9%
Lamps: 1 x NICHIA_NSCxJ216A_(NSCLJ216AE)_949.847lm@250mA_CCT=3000K_P=7.96937W_I=249.8mA



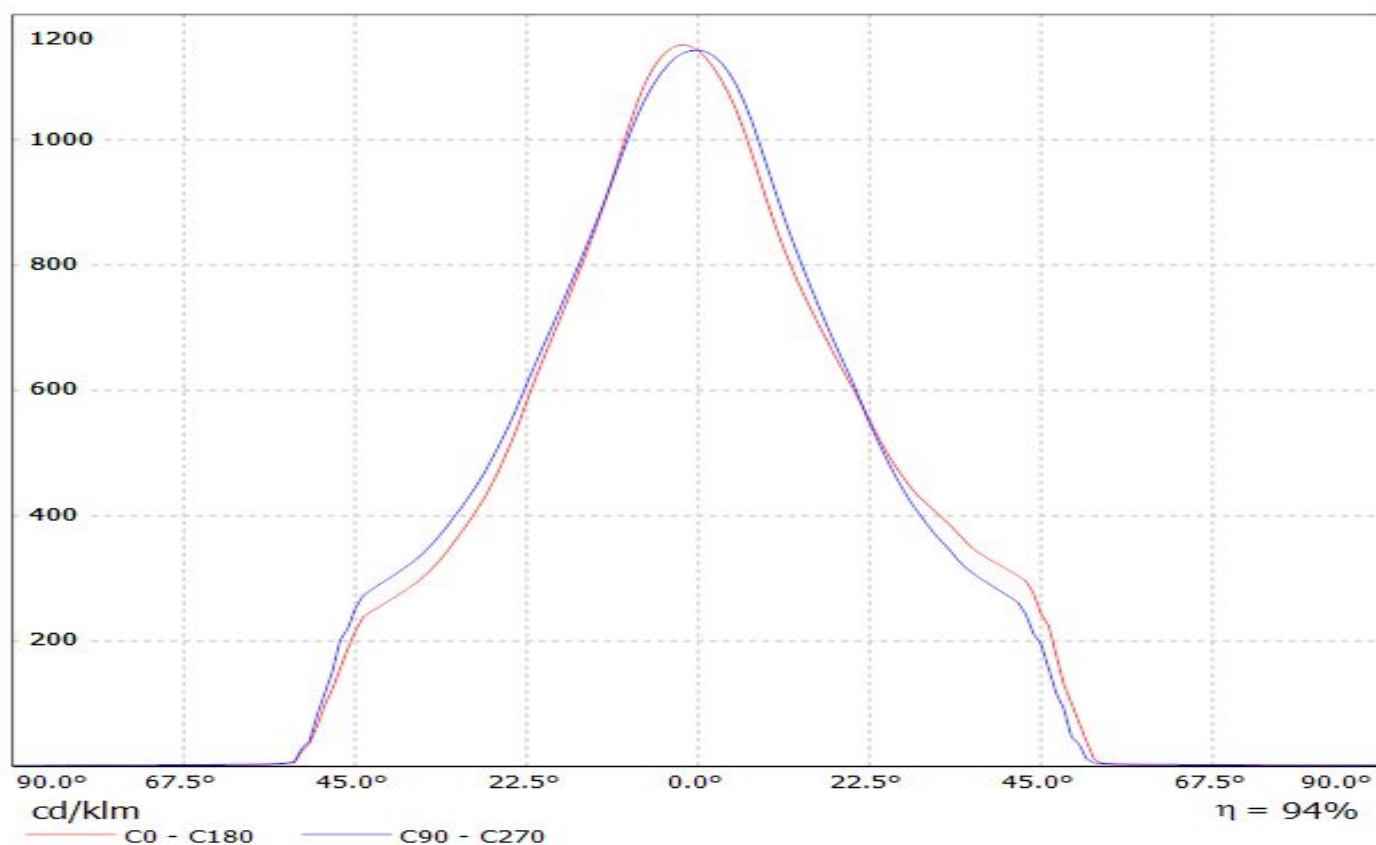
Luminaire: LEDiL Oy F13402_ANGELINA-W_(LUXEON_COB_1208) Eff.93.3%
Lamps: 1 x LUXEON_COB_1208_(LHC1-3080-1208)_1015.13lm@250mA_CCT=3000K_P=8.15972W_I=249.8mA



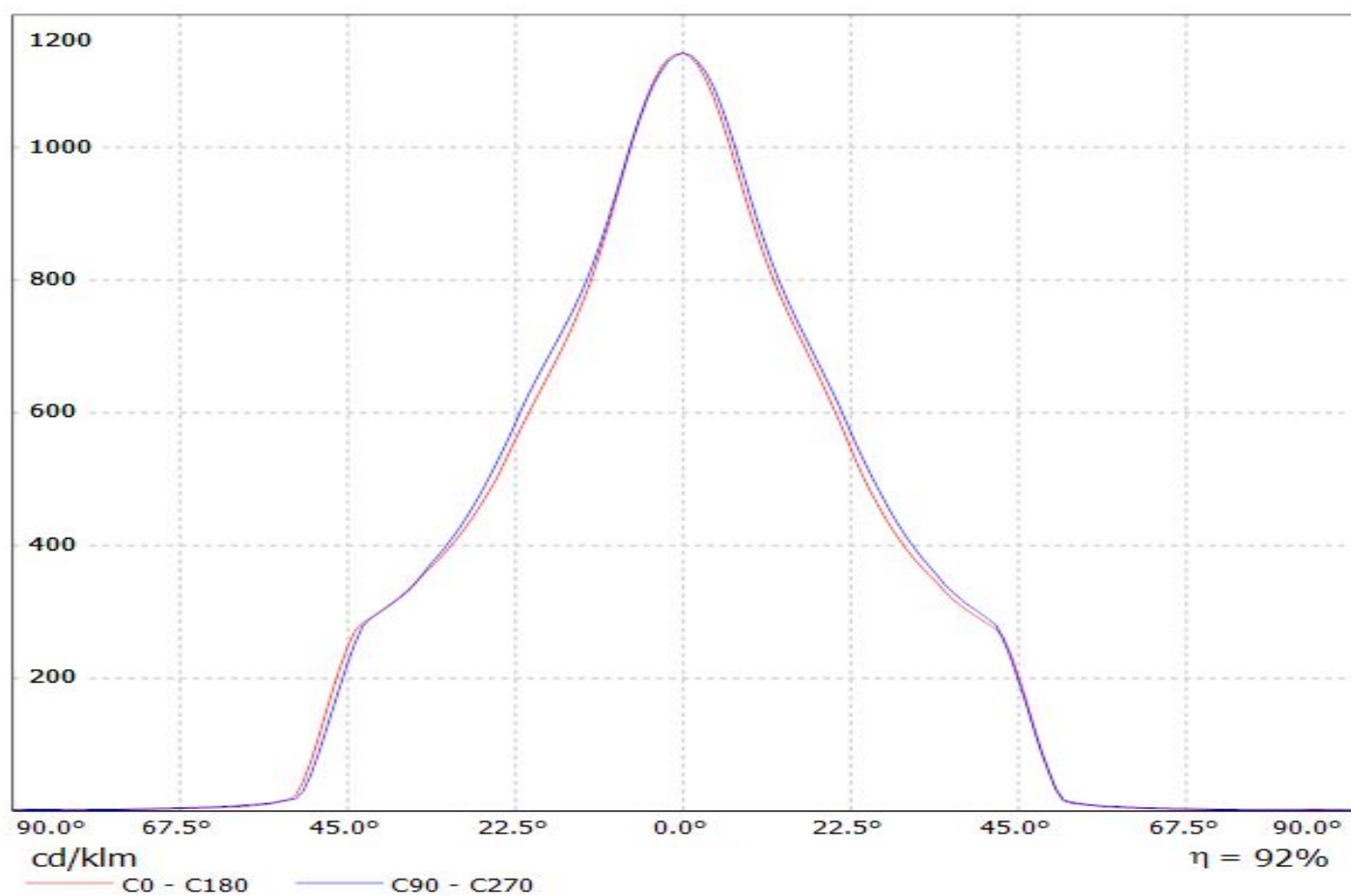
LEDiL Oy C13402_ANGELINA-W_(LUXEON_K12) Eff.94.0% / LDC (Linear)

Luminaire: LEDiL Oy C13402_ANGELINA-W_(LUXEON_K12) Eff.94.0%

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

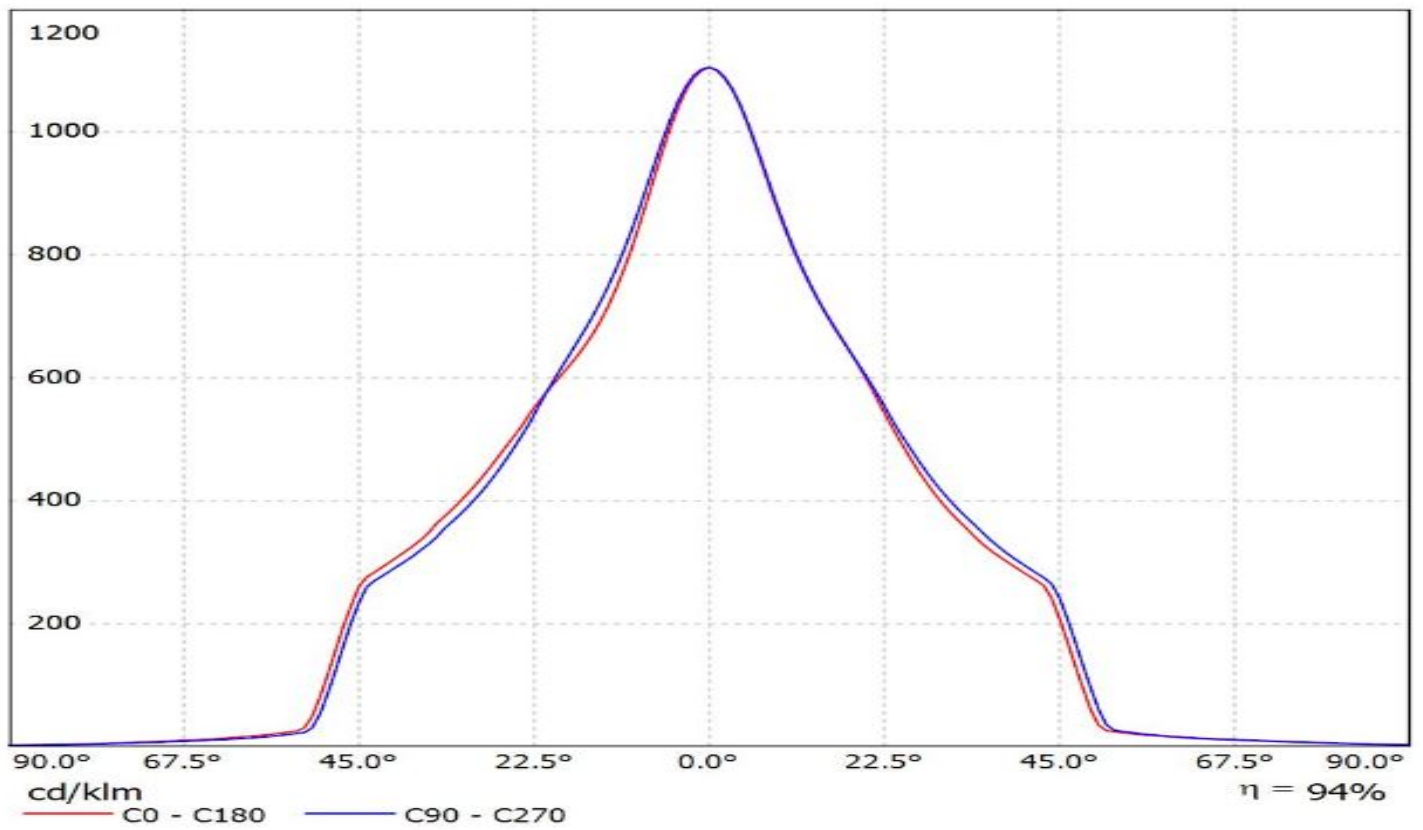


Luminaire: LEDiL Oy F13402_ANGELINA-W_(Fortimo LED SLM L13 G4)
Lamps: 1 x Fortimo LED SLM L13 G4_1110.38lm@250mA_P=8.38454W_I=0.2498A

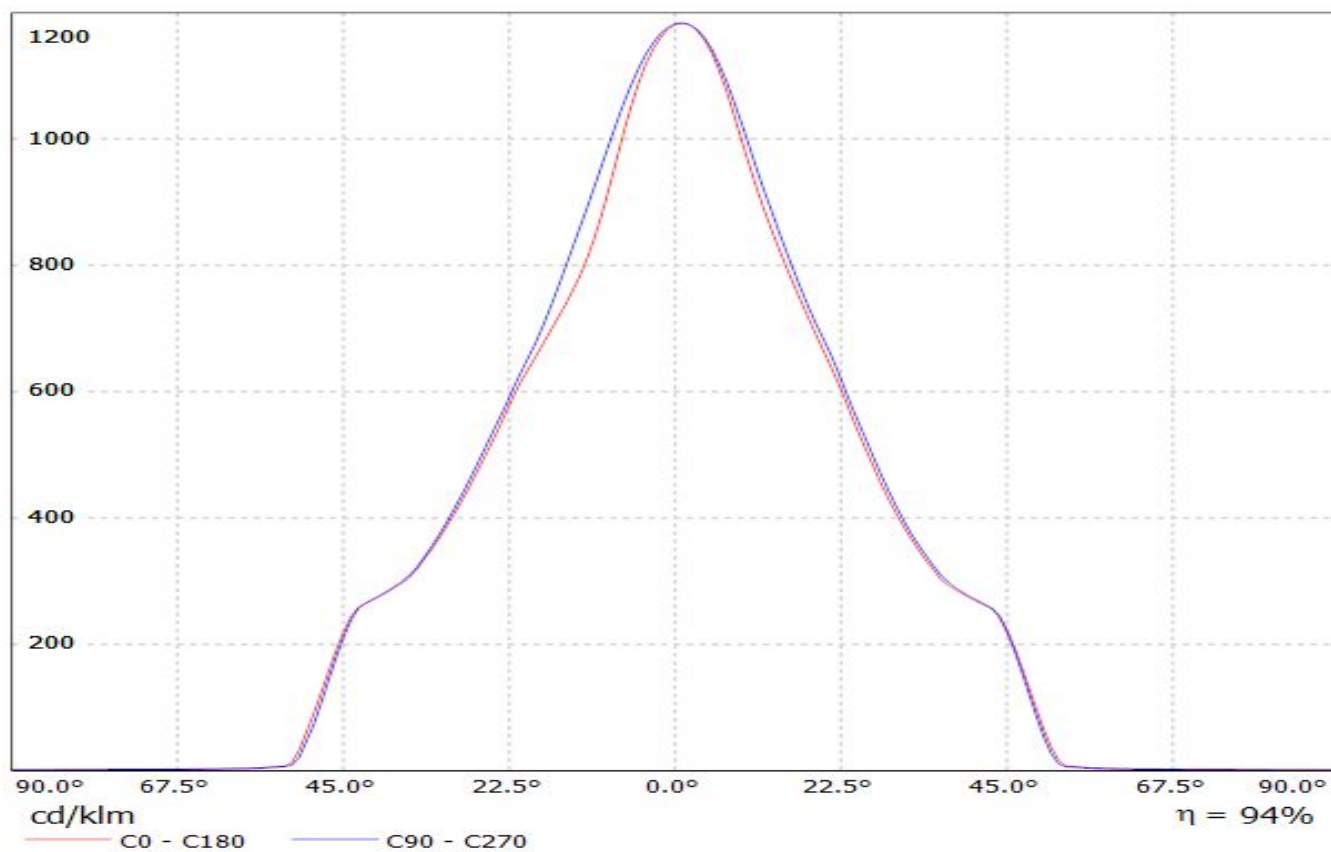


Ledil F13402_ANGELINA-W_(CLU720) / LDC (Linear)

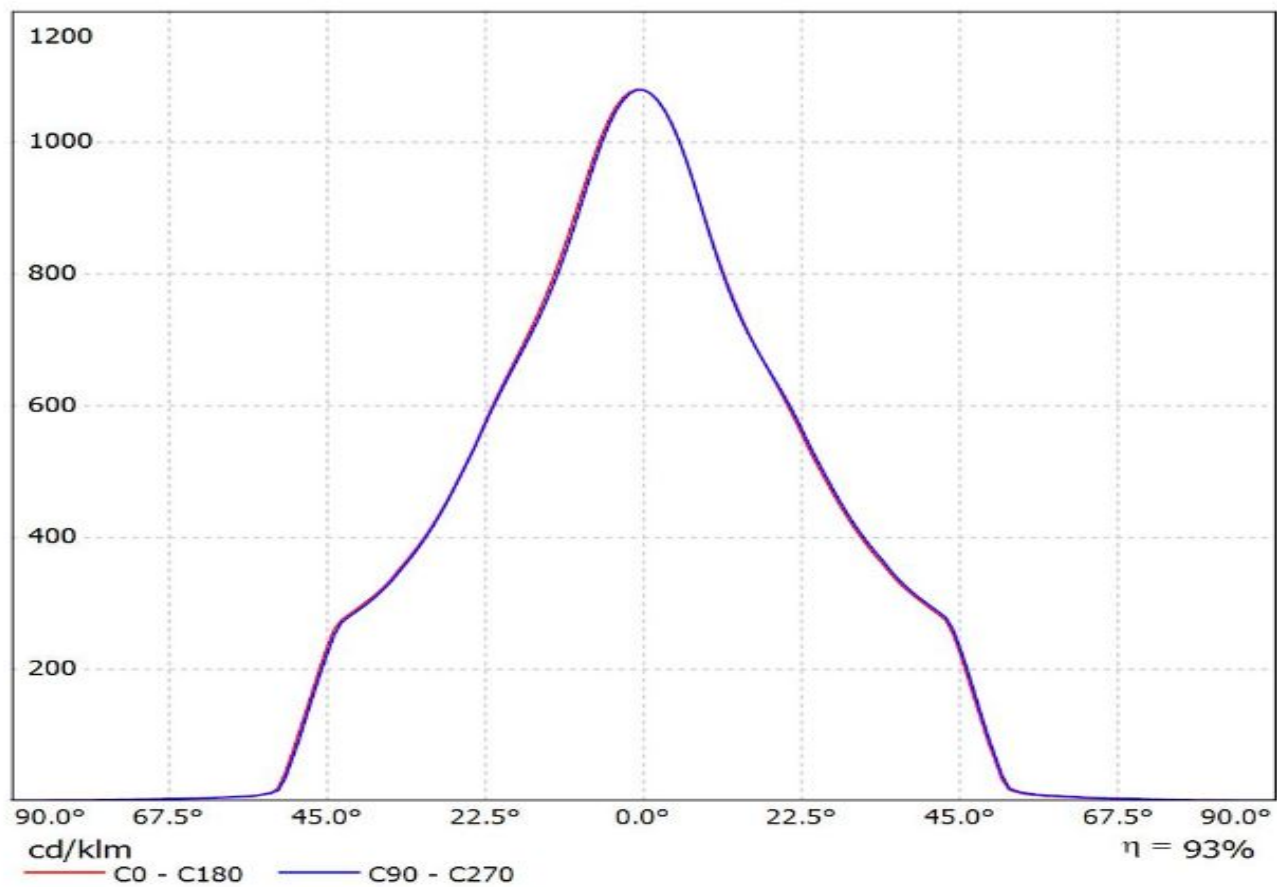
Luminaire: Ledil F13402_ANGELINA-W_(CLU720)
Lamps: 1 x CITIZEN_CLU720_(CLU720-1206B8-273M2)
_1340.38lm@250mA_CCT=2700K_P=8.35W_I=0.25A



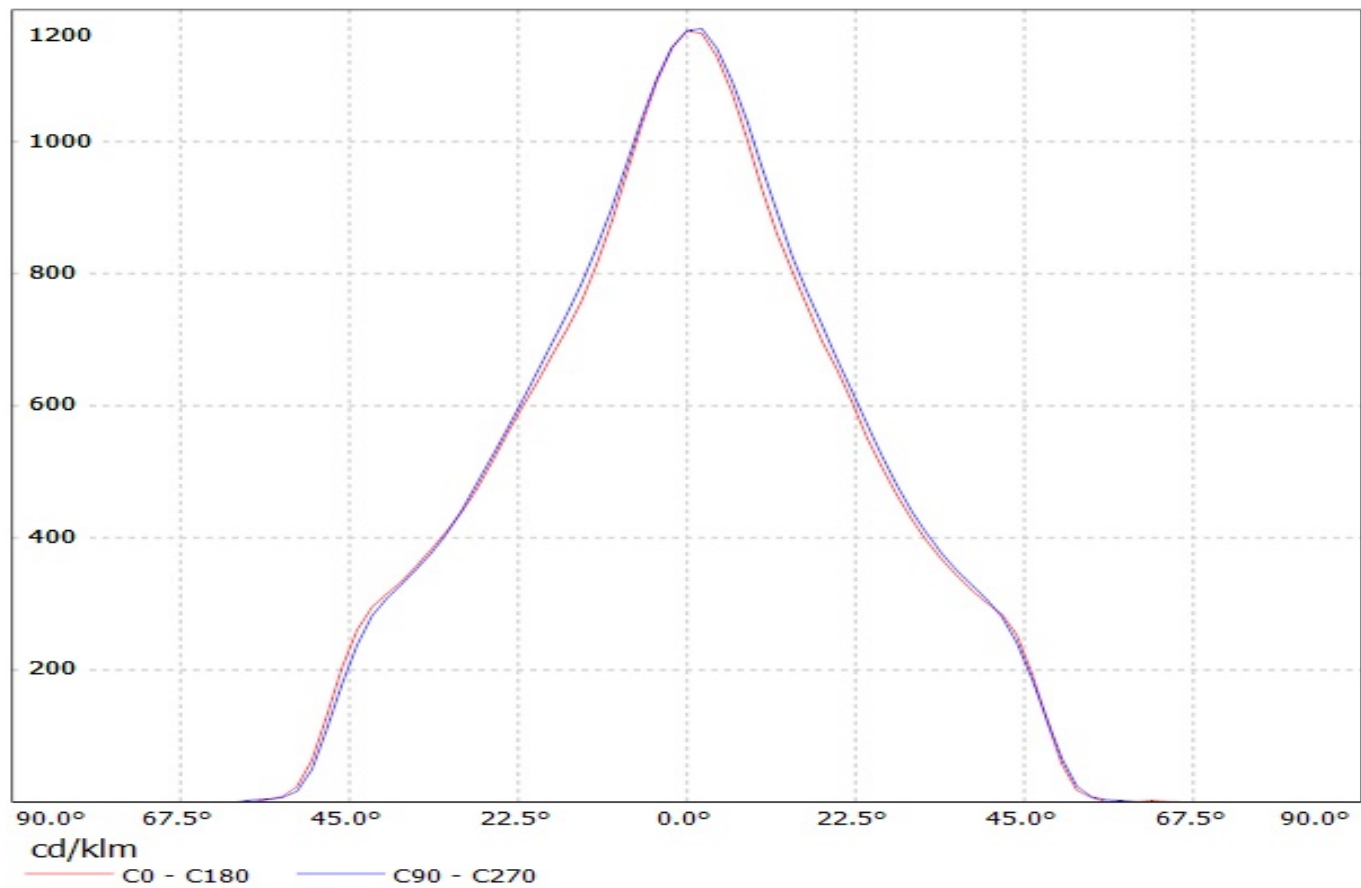
Luminaire: LEDiL Oy F13402_ANGELINA-W_(LUXEON_CoB_1205) Eff: 94 %
Lamps: 1 x LUXEON CoB 1205 (LHC1-3080-1205) 1082lm@250mA CCT=3000K P=8.3W I=250mA



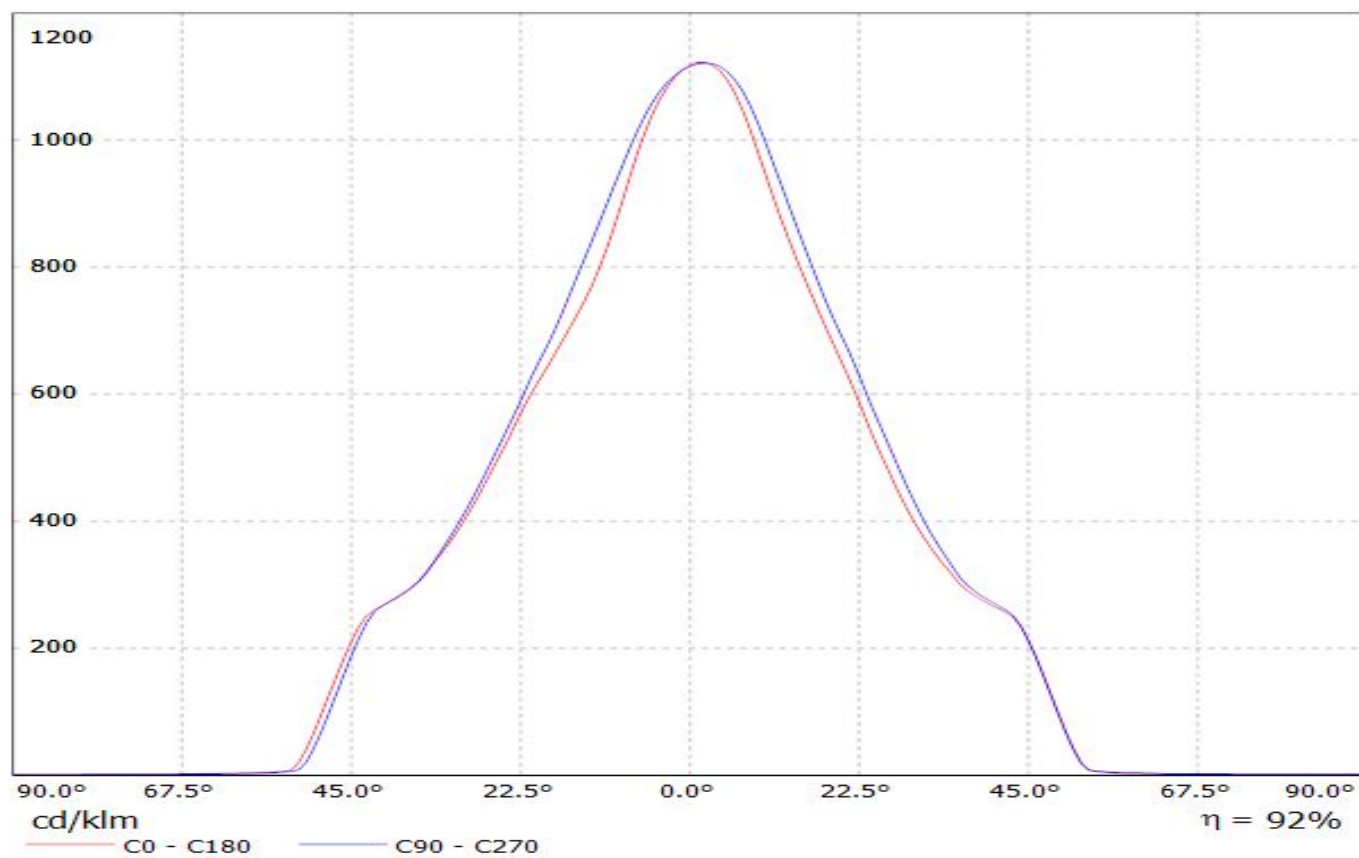
Luminaire: LEDiL Oy F13402_ANGELINA-W (SOLERIQ_P13)
Lamps: 1 x SOLERIQ_P13_(GW_MAGMB1.EM)_1038.25lm@250mA_CCT=3000K_P=8.77223W_I=249.8mA



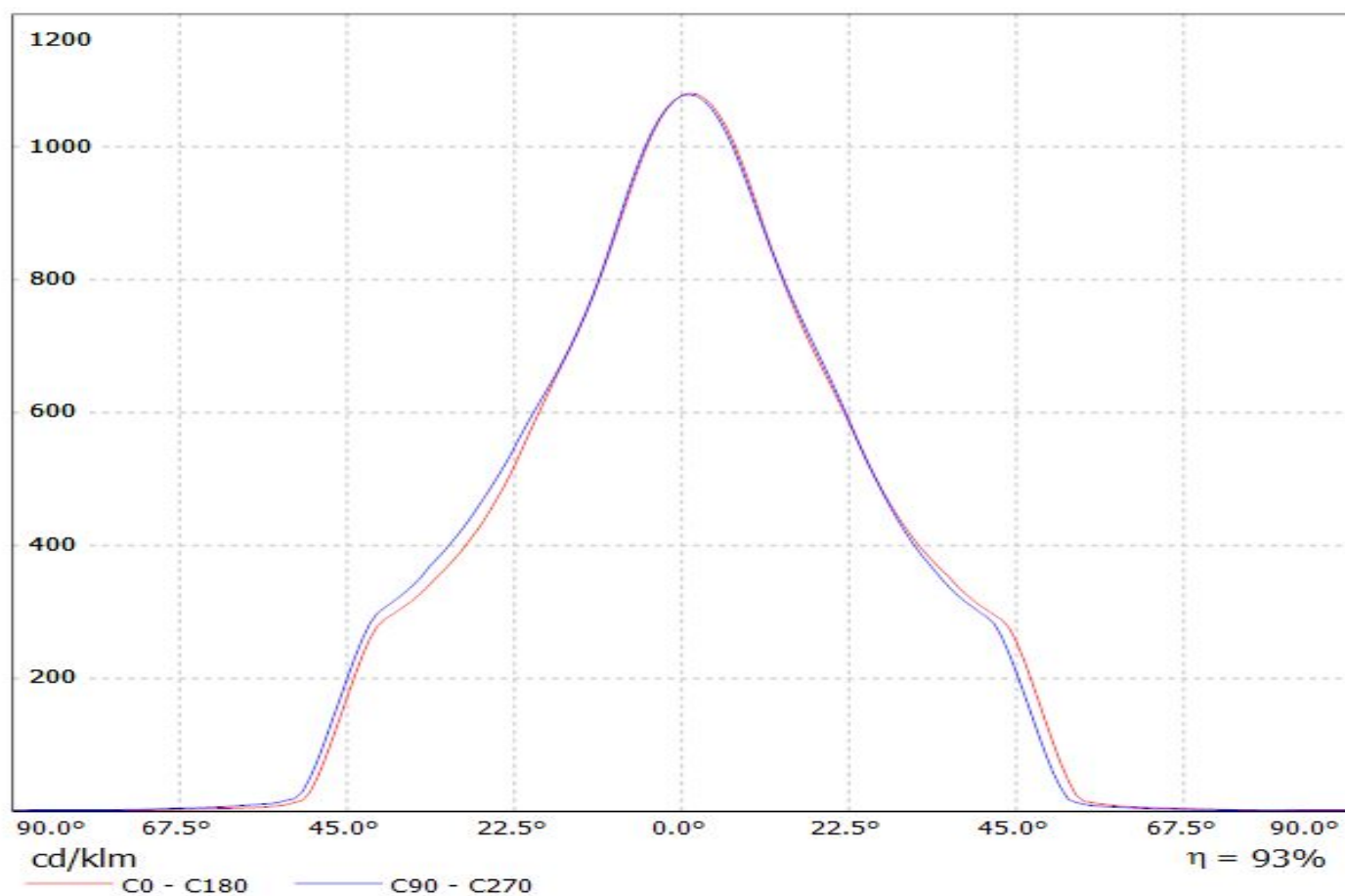
Luminaire: LEDil Oy F13402_ANGELINA-W_(Soleriq_S13) Efficiency=94%
Lamps: 1 x Osram Soleriq S13 (GW KAGHB1.EM) 855lm @ 250mA CCT=3100K P=7.5W I=250mA



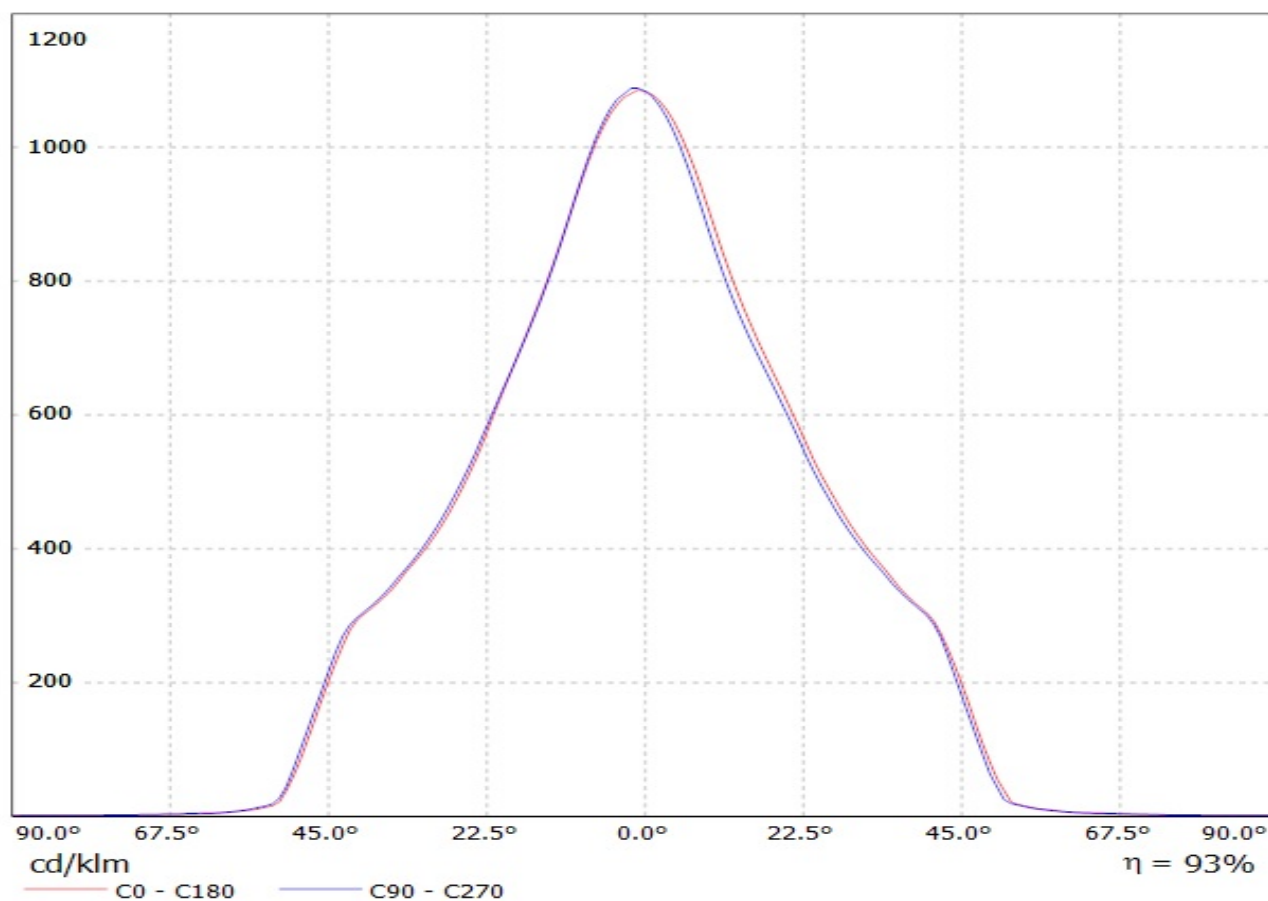
Luminaire: LEDiL Oy F13402_ANGELINA-W_(MegaZenigata) Eff.92.3%
Lamps: 1 x MegaZenigata_GW6DME (518.495lm@100mA)



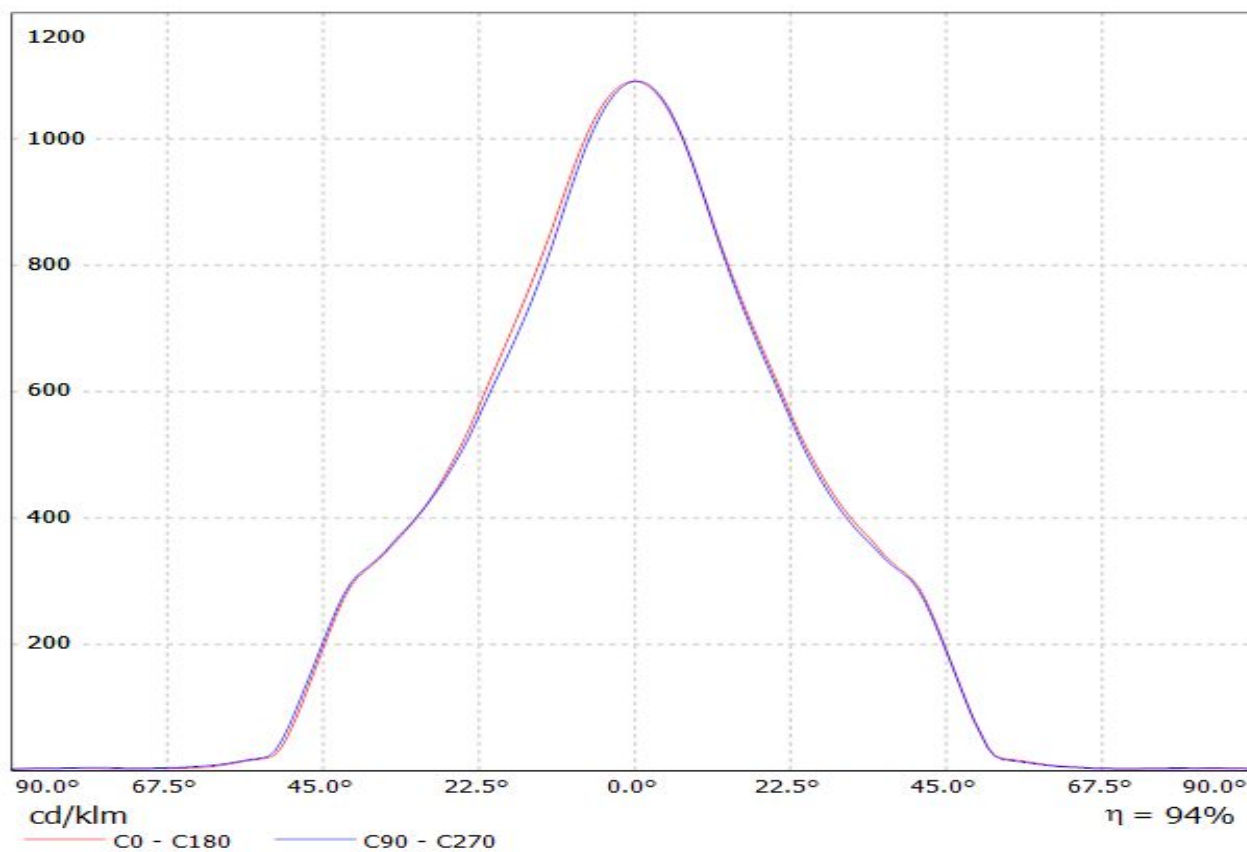
Luminaire: LEDiL Oy F13402_ANGELINA-W_(Fortimo LED SLM L15 G4)
Lamps: 1 x Fortimo LED SLM L15 G4_1116.47lm@250mA_P=8.21168W_I=0.2498A



Luminaire: LEDiL Oy F13402_ANGELINA-W_(PrevaLED_Z4) Eff: 93%
Lamps: 1 x Osram_PrevaLED_CORE_Z4_(PL-CORE-3000-830-Z4)_1423.93lm@250mA_P=10.7652W_I=249.9mA



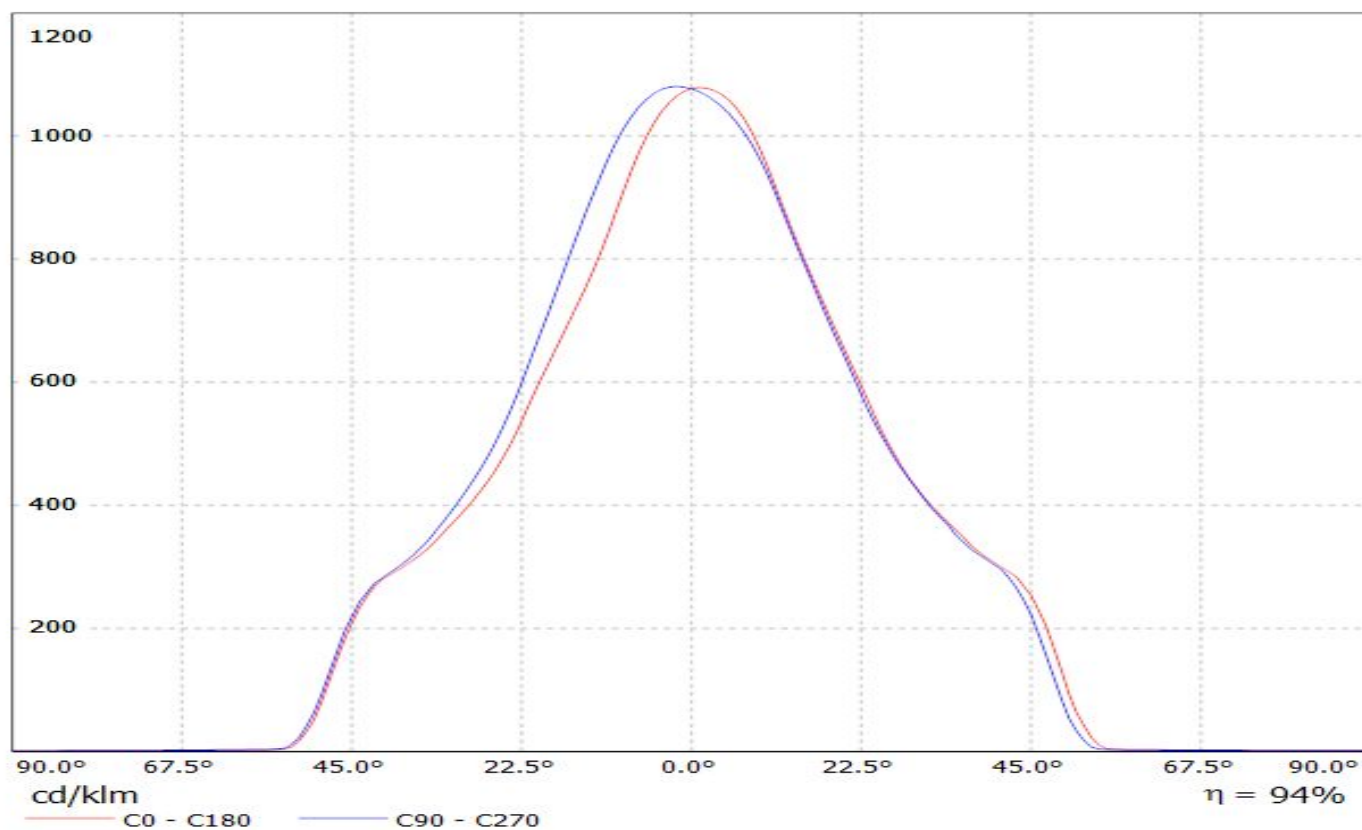
Luminaire: LEDiL Oy F13402_ANGELINA-W_(CXA25) Eff.93.9%
Lamps: 1 x CREE_CXA25_(CXA2530-7C0-T2-N0H)_1151.98lm@250mA_CCT=3000K_P=8.4892W_I=249.8mA



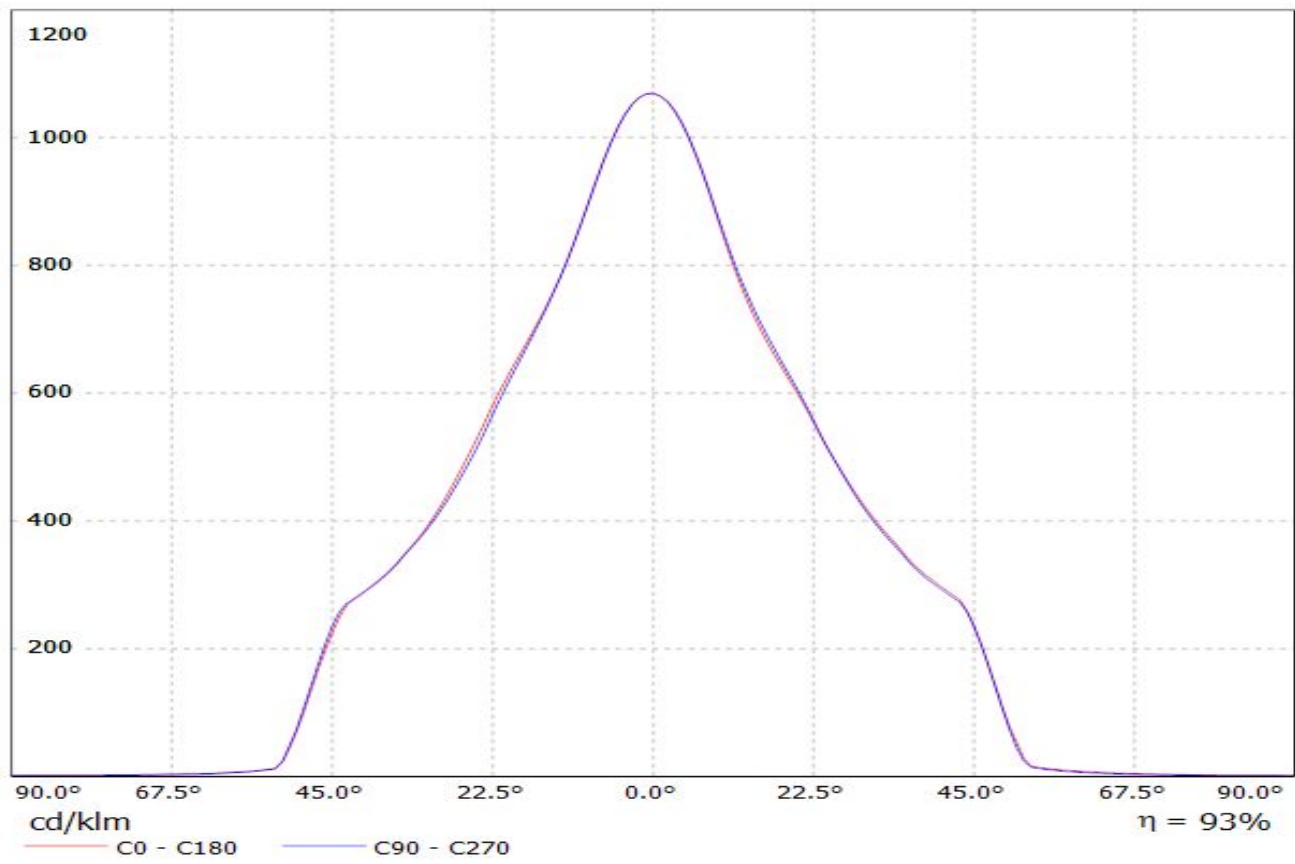
LEDiL Oy C13402_ANGELINA-W_(LUXEON_K16) Eff.93.7% / LDC (Linear)

Luminaire: LEDiL Oy C13402_ANGELINA-W_(LUXEON_K16) Eff.93.7%

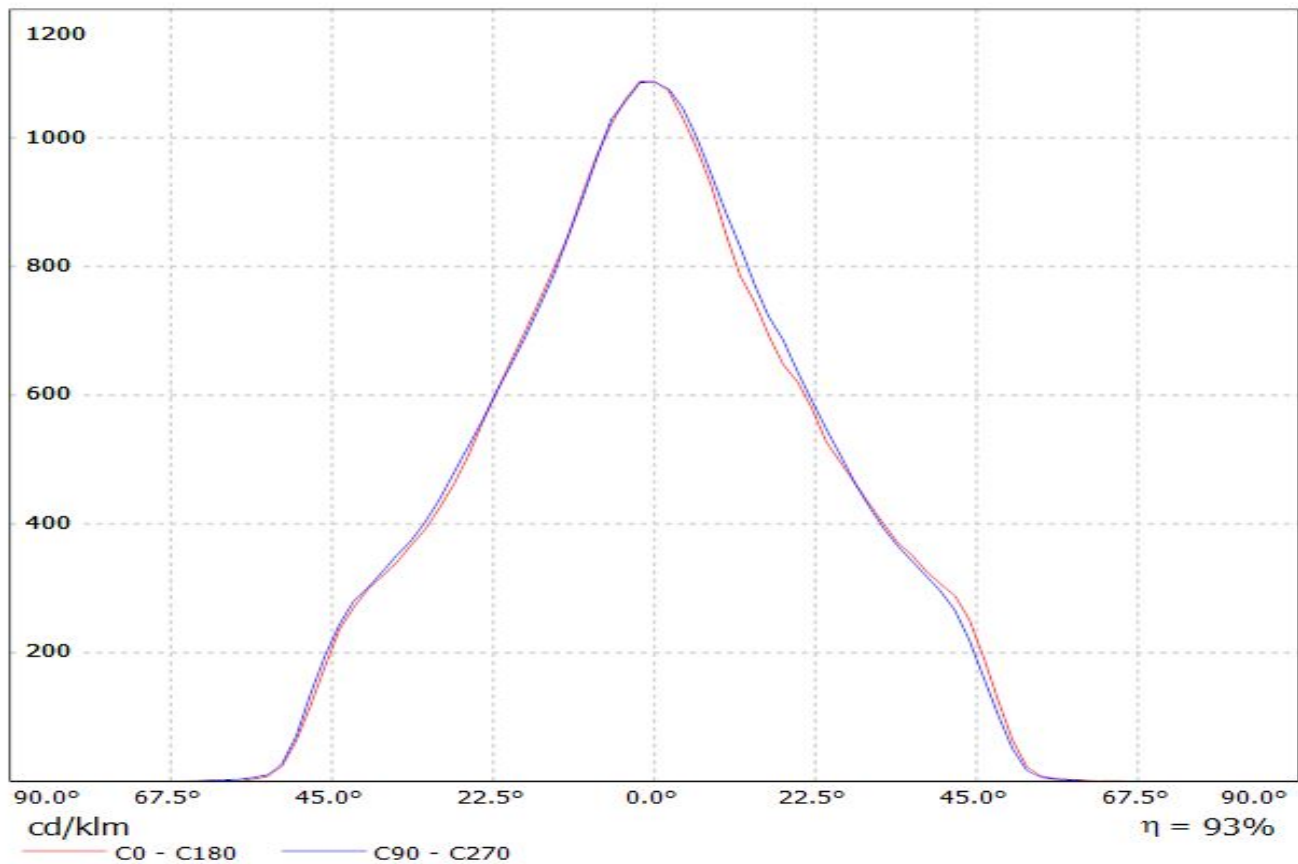
Lamps: 1 x LUXEON_K16 (1204.33lm@250mA)



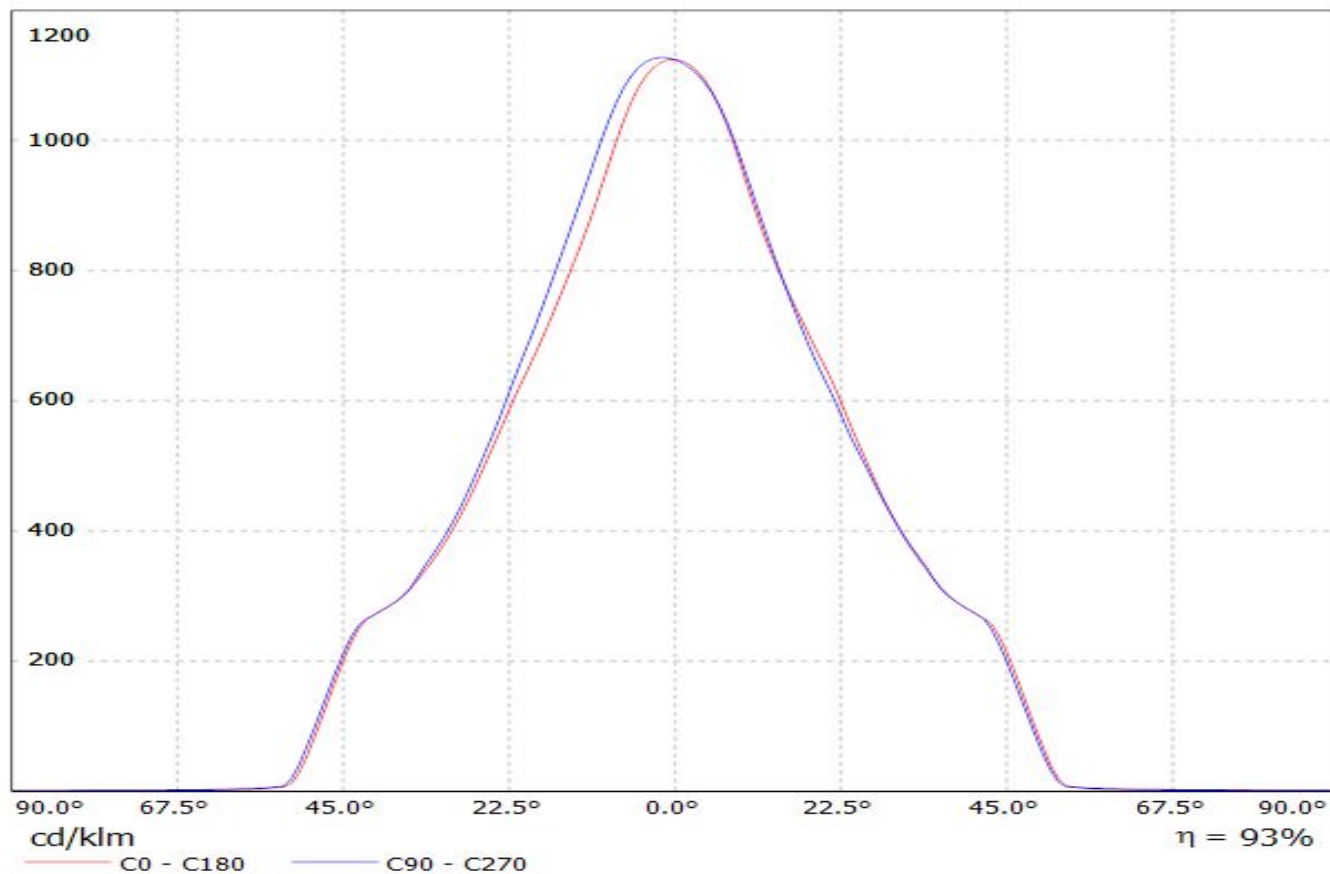
Luminaire: LEDiL Oy F13402_ANGELINA-W_(CXM-14)
Lamps: 1 x LUMINUS_CXM-14_1114.36lm@250mA_P=8.36106W_I=249.8mA



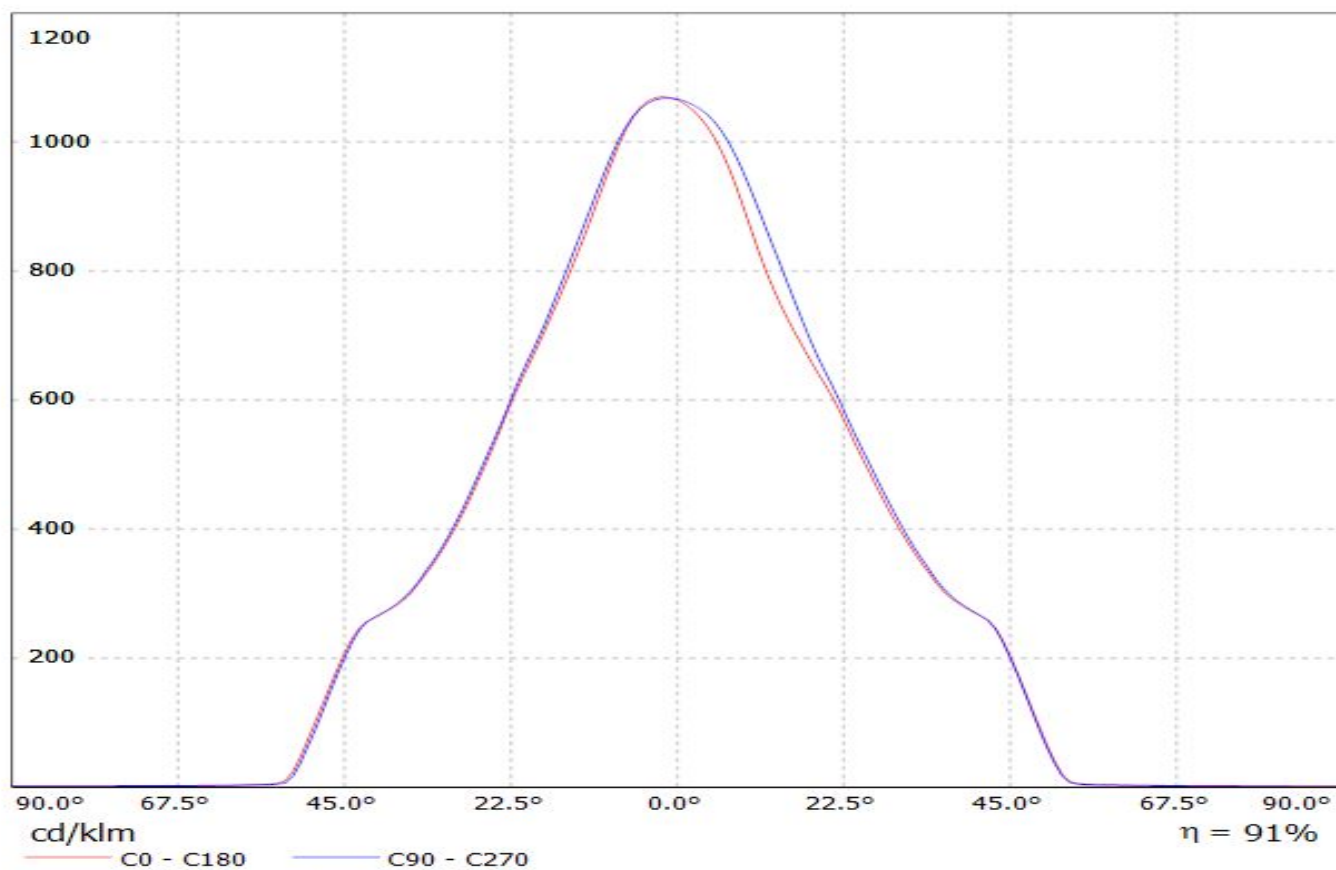
Luminaire: LEDiL F13402_ANGELINA-W
Lamps: 1 x CLL030 740lm@250mA (CLL030-1205A5-303H1A7) CCT:3000K P:8.6W



Luminaire: LEDiL Oy F13402_ANGELINA-W_(Luxeon-CoB-1208) Eff: 93 %
Lamps: 1 x Luxeon CoB 1208 (LHC1-3080-1208) 1029lm@250mA CCT=3000K P=8.2W I=250mA

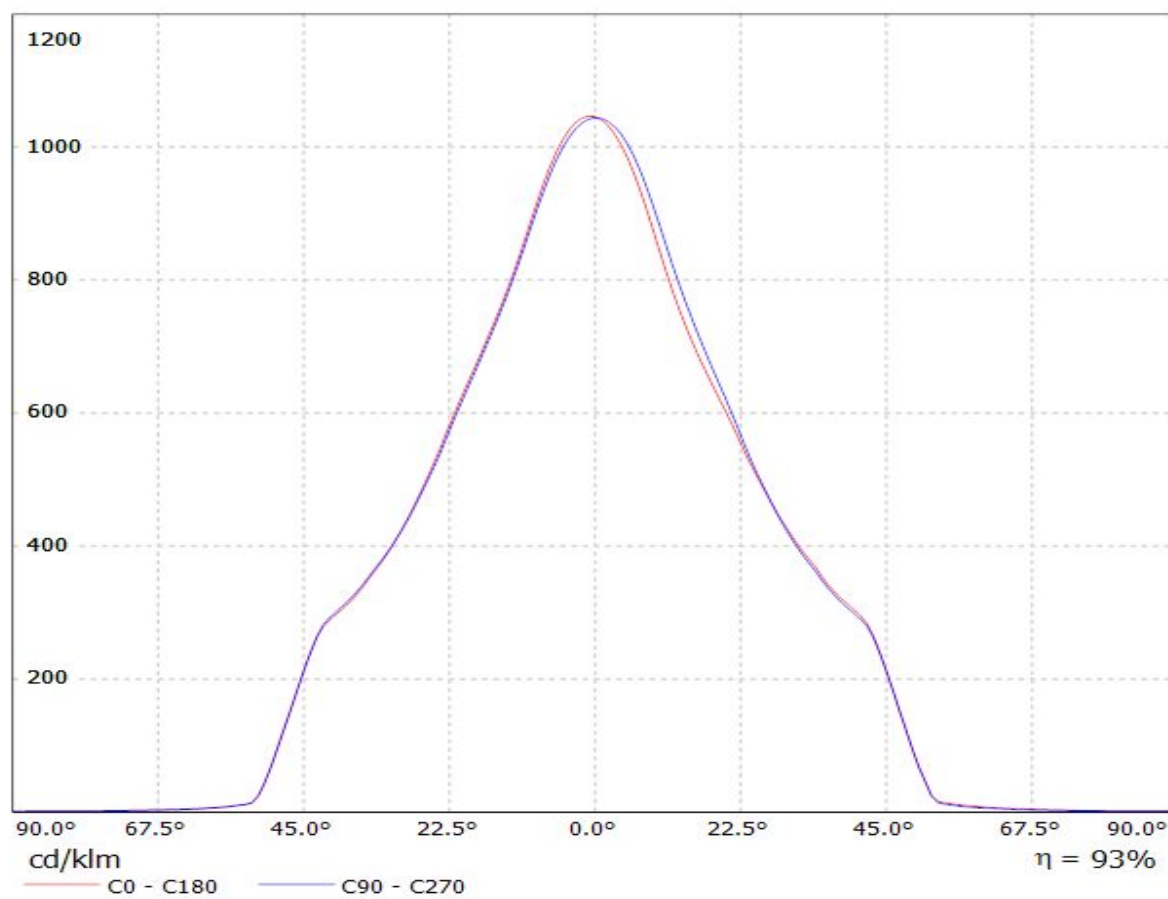


Luminaire: LEDiL Oy F13402_ANGELINA-W_(STARK_SLE_G2_LES19) Eff.91.5%
Lamps: 1 x TRIDONIC STARK SLE G2 LES19 830 CLA 964.643lm@250mA CCT=3000K P=8W I=250mA

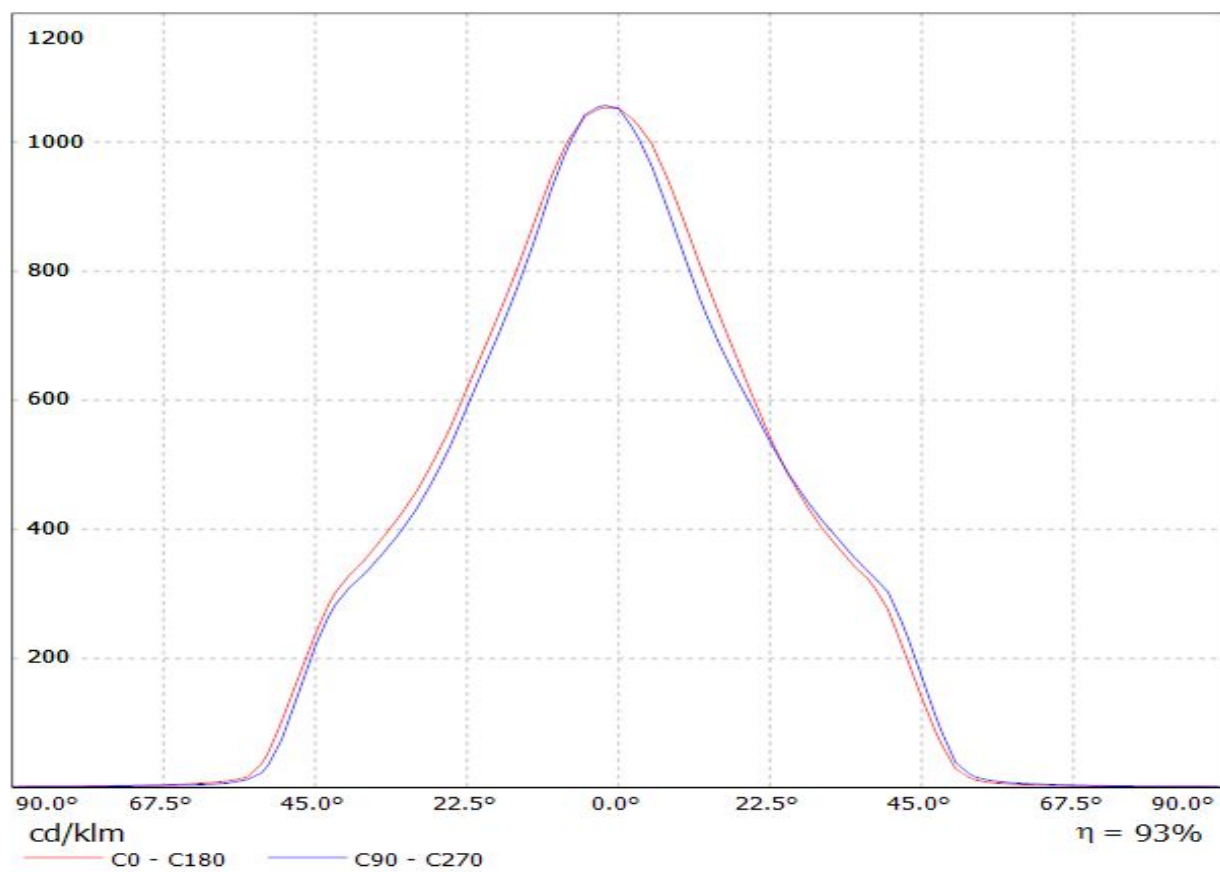


Luminaire: LEDiL Oy F13402_ANGELINA-W_(SOLERIQ_S19_&_TE_2213407-2)

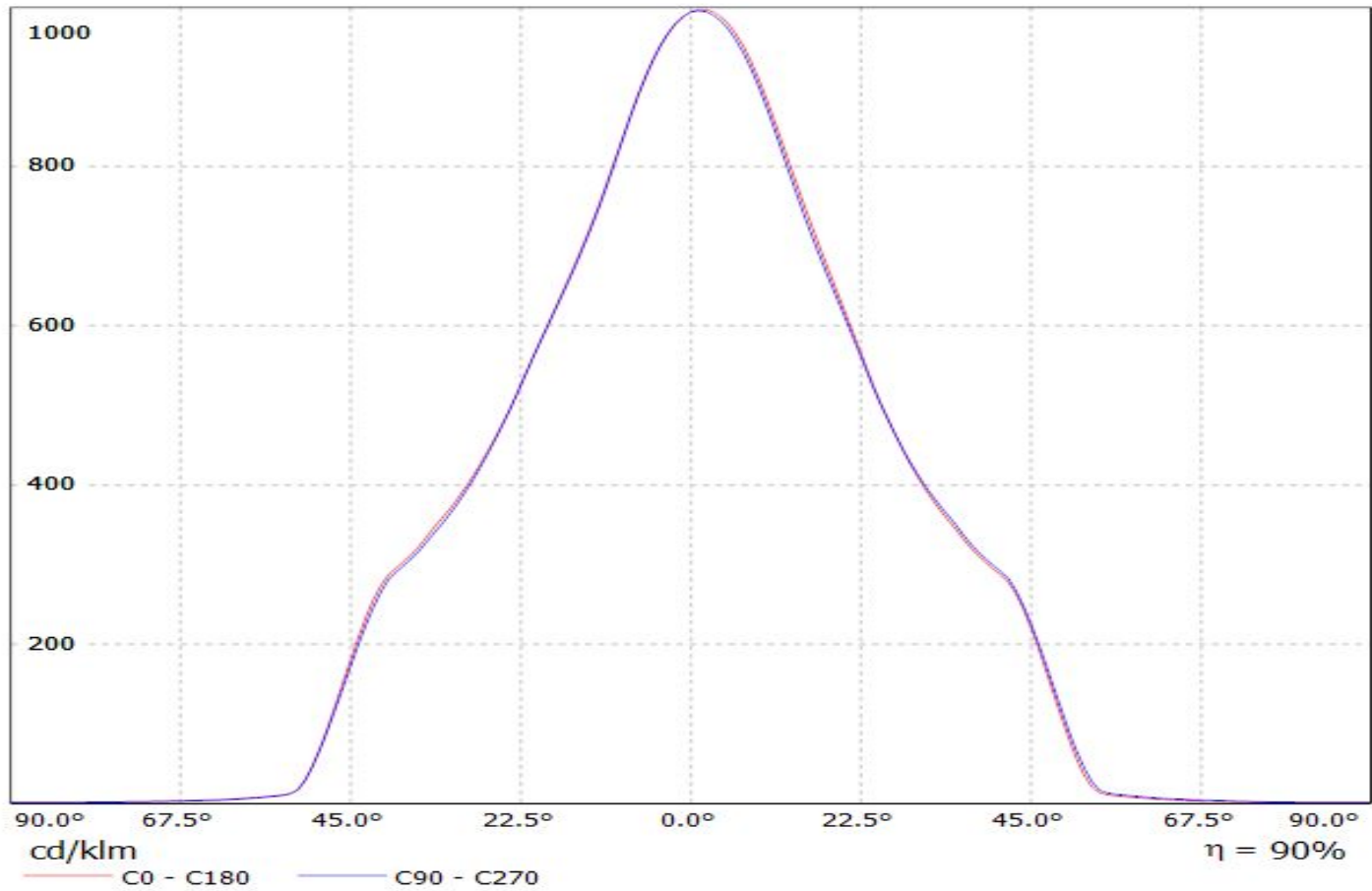
Lamps: 1 x OSRAM_SOLERIQ_S19_(GW_KAHJB1.EM)_1393.62lm@250mA_CCT=3000K_P=10.5683W_I=249.8mA



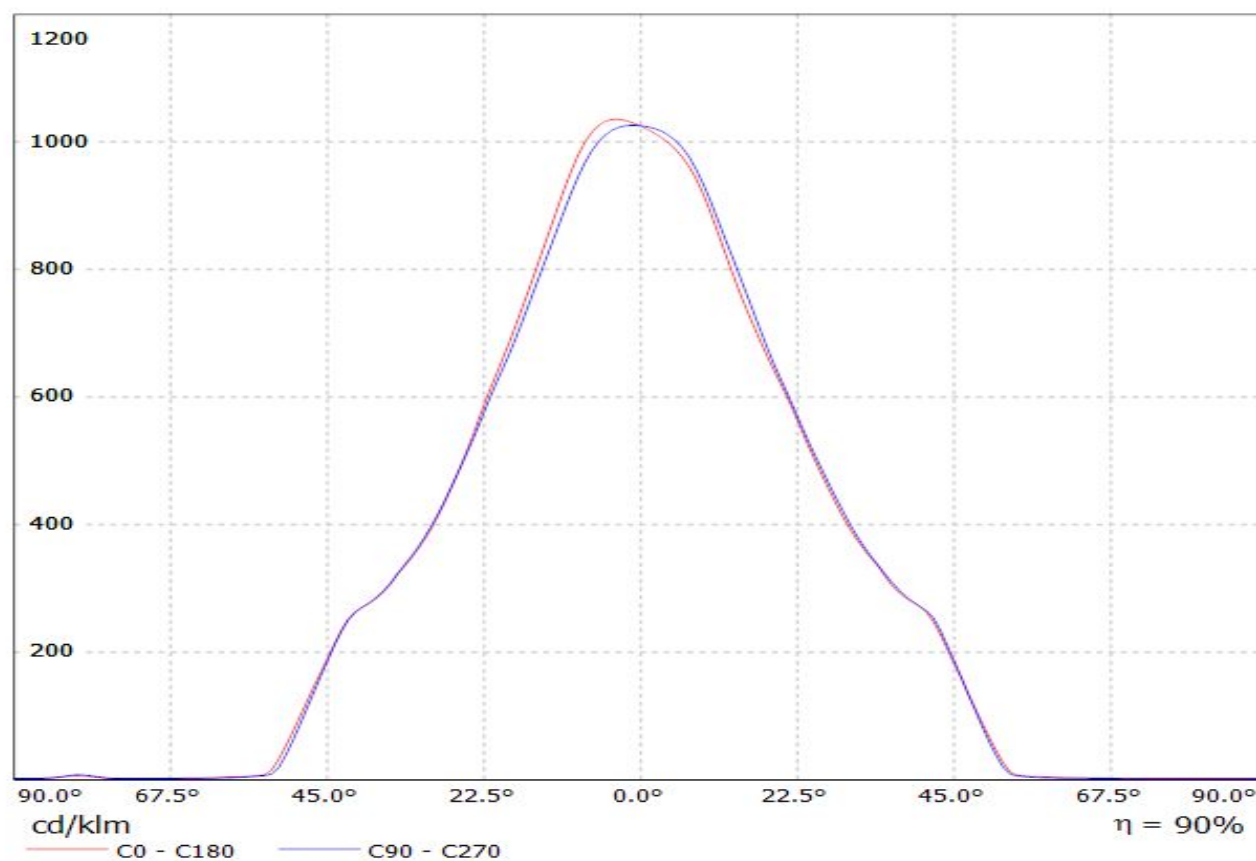
Luminaire: LEDiL Oy F13402_ANGELINA-W_(LEP-2000-827-C-AC)
Lamps: 1 x OSRAM PrevaLED Core AC (LEP-2000-827-C-AC)



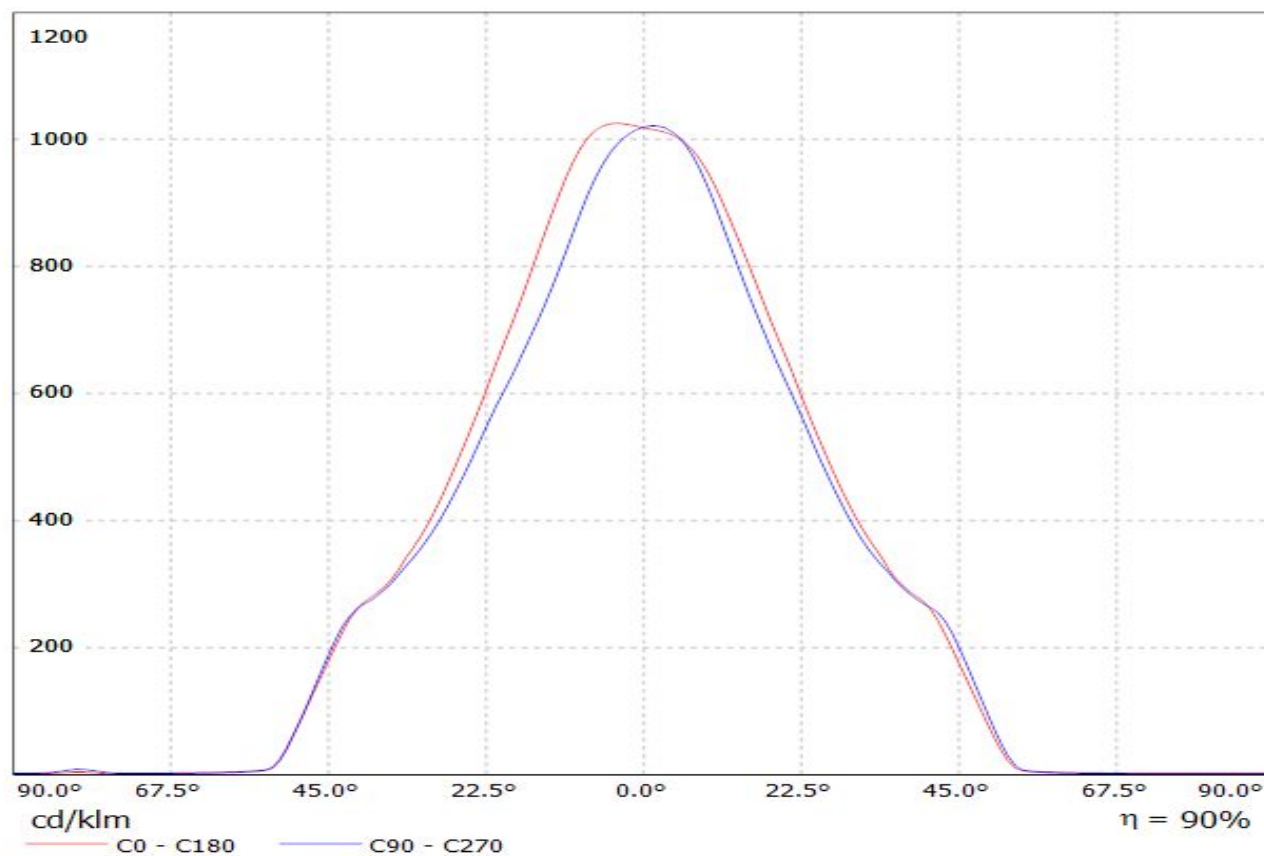
Luminaire: LEDiL Oy F13402_ANGELINA-W_(SLE GEN4 LES19)
Lamps: 1 x SLE GEN4 LES19_1226.28lm@250mA_P=8.21367W_I=0.2498A



Luminaire: LEDiL Oy F13402_ANGELINA-W_(FORTIMO_2000) Eff.90.5%
Lamps: 1 x PHILIPS Fortimo LED SLM 3000 28W/830 L19 G3 665.774lm@250mA CCT=3000K P=6W I=250mA

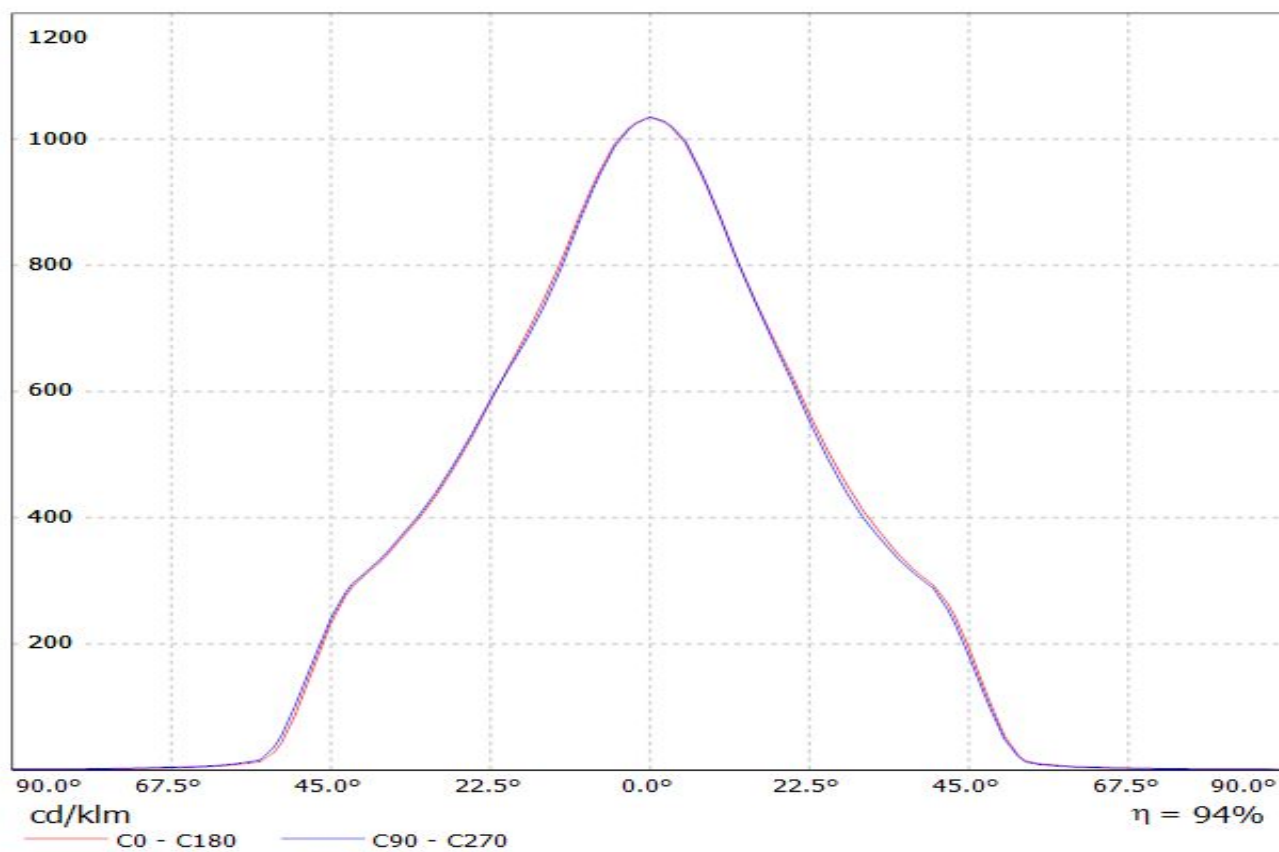


Luminaire: LEDiL Oy F13402_ANGELINA-W_(FORTIMO_3000) Eff.90.2%
Lamps: 1 x PHILIPS Fortimo LED SLM 3000 28W/830 L19 G3 1046.76lm@250mA CCT=3000K P=9W I=250mA



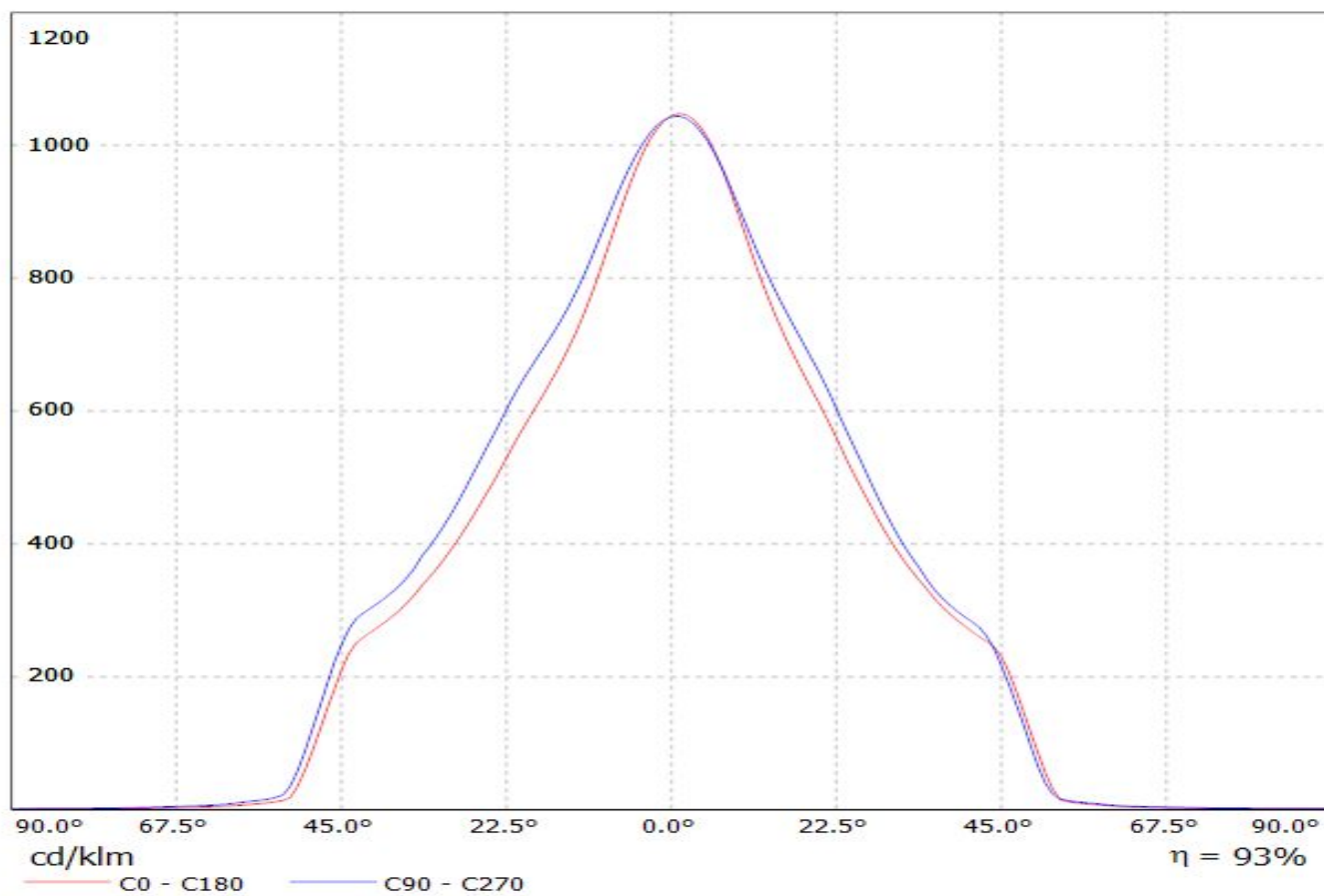
Luminaire: LEDiL Oy F13402_ANGELINA-W_(PrevaLED_LES19)

Lamps: 1 x PrevaLED_LES19_(PL-CORE-2000-830-Z3)_1333.47lm@250mA_P=10.4584W_I=249.8mA



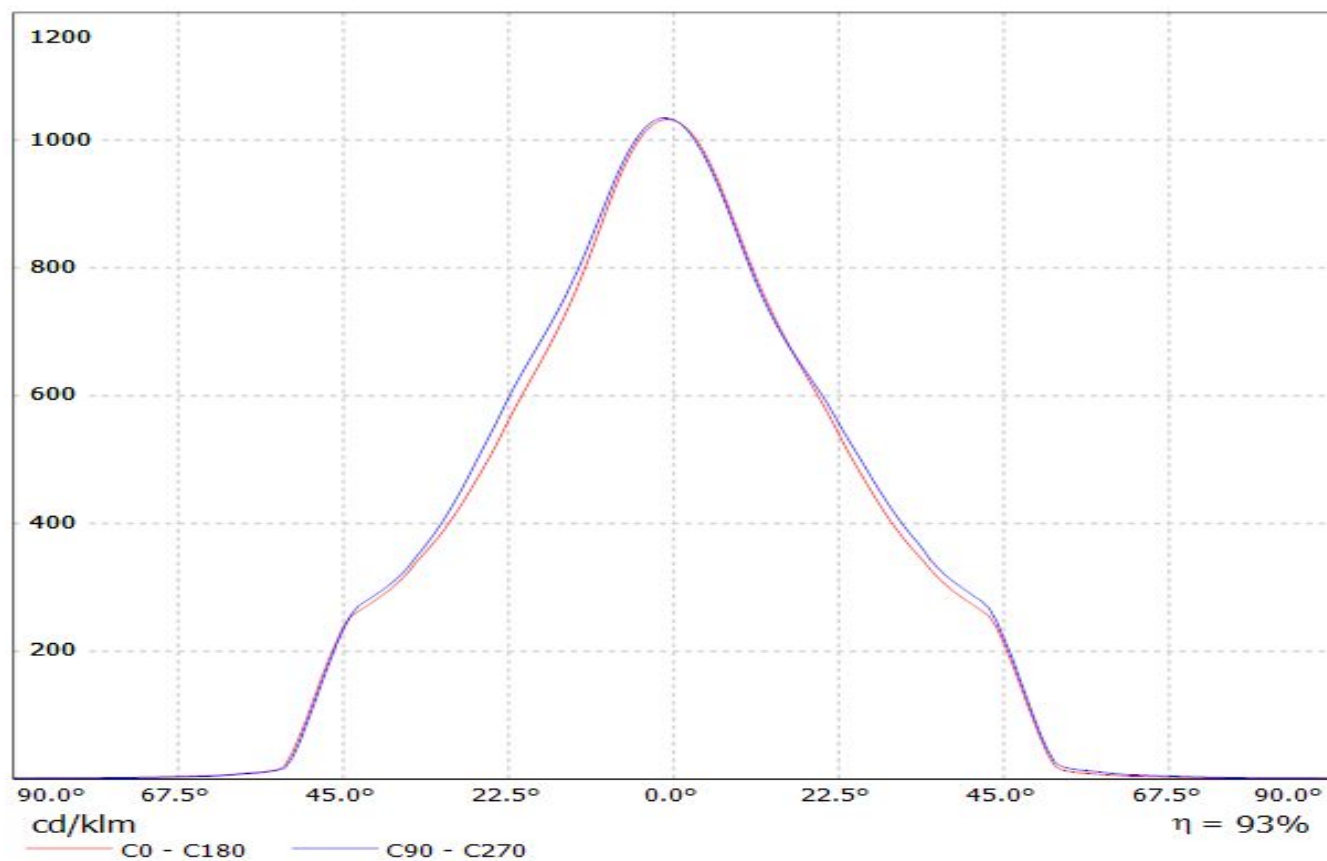
Luminaire: LEDiL Oy F13402_ANGELINA-W_(WU-M-461-827)

Lamps: 1 x Vossloh_WU-M-461-827_773.276lm@250mA_P=6.27423W_I=249.8mA

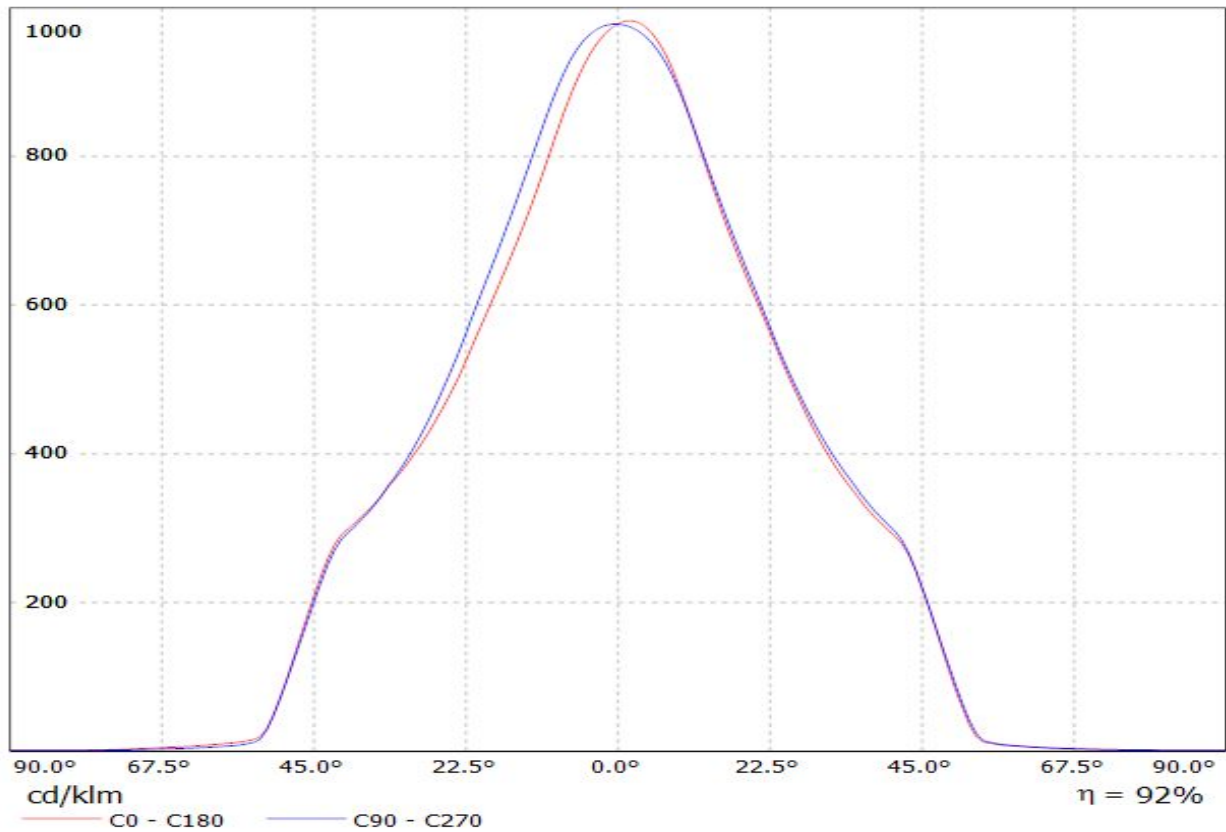


Luminaire: LEDiL Oy F13402_ANGELINA-W_(WU-M-484)

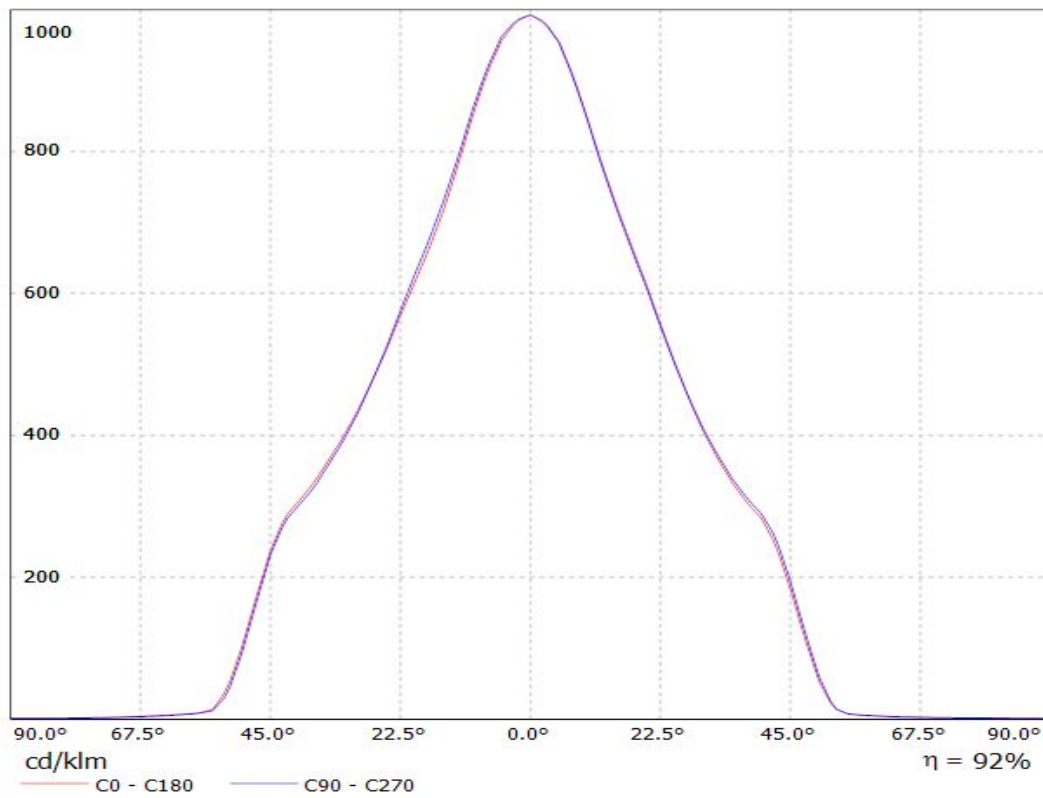
Lamps: 1 x Vossloh_Schwabe-WU-M-484_(WU-M-484-830)_657.125lm@250mA_P=5.59976W_I=249.9mA



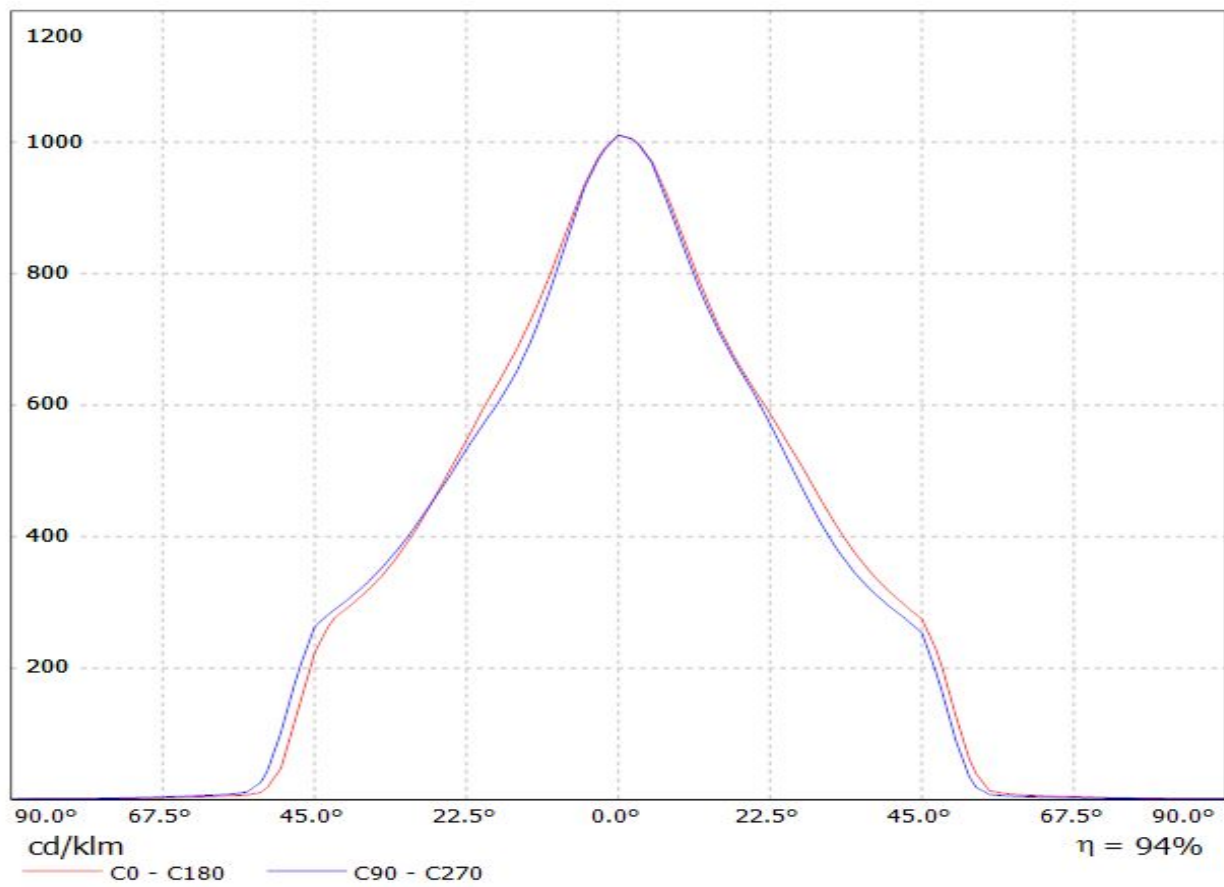
Luminaire: LEDiL Oy F13402_ANGELINA-W_(COB-LC026B) Eff.92.4%
Lamps: 1 x SAMSUNG_COB-LC026B_(SPHWWTHDNC25YHV52F)_1136.23lm@250mA_P=8.23191W_I=249.8mA



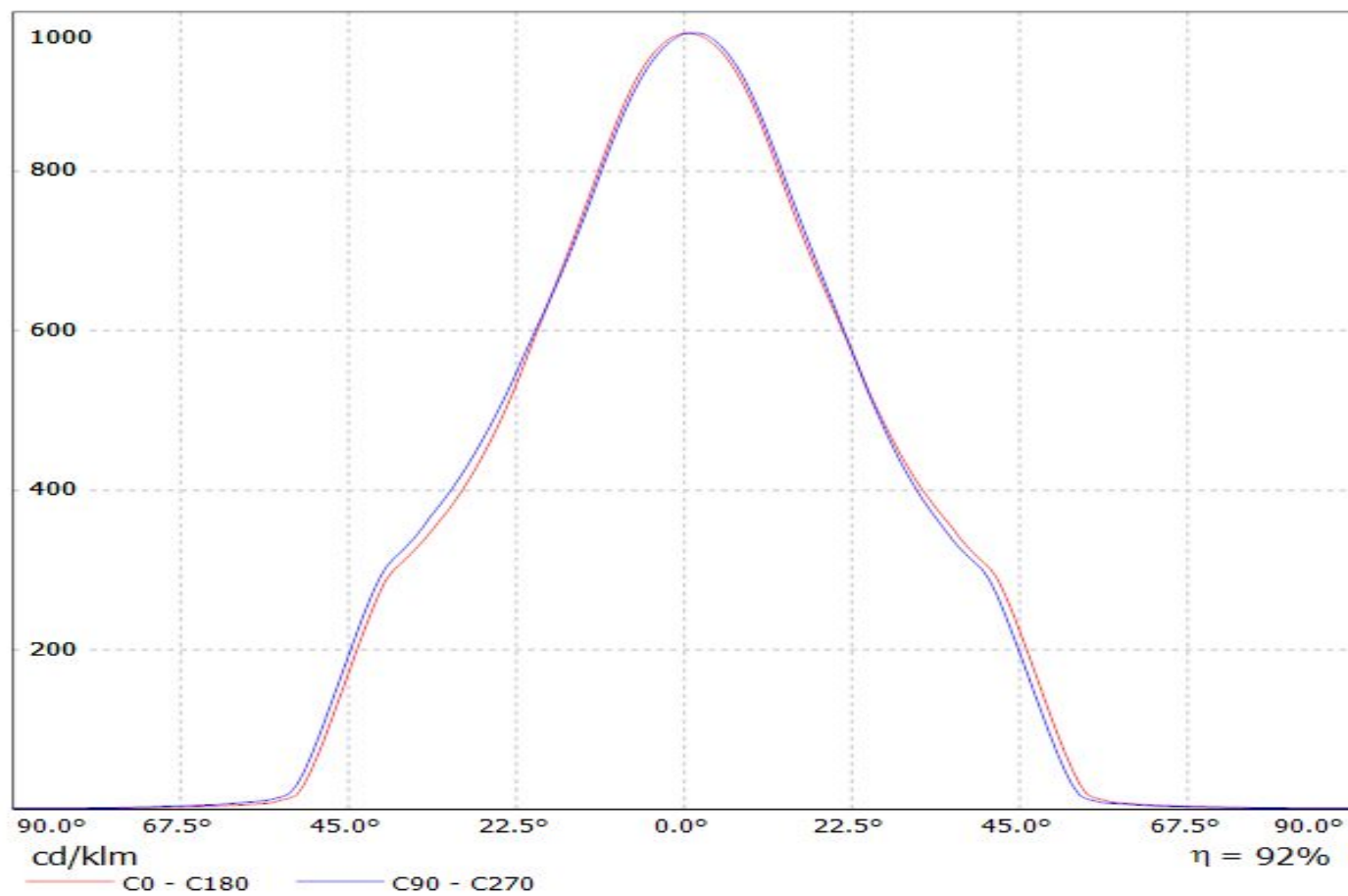
Luminaire: LEDiL Oy F13402_ANGELINA-W_(SLE_G3_LES19) Eff.92.2%
Lamps: 1 x TRIDONIC_STARK_SLE_G3_LES19_(STARK-SLE-G3-LES19-2000-840-CLA)_1058.33lm@250mA_P=8.32833W_I=249.8mA



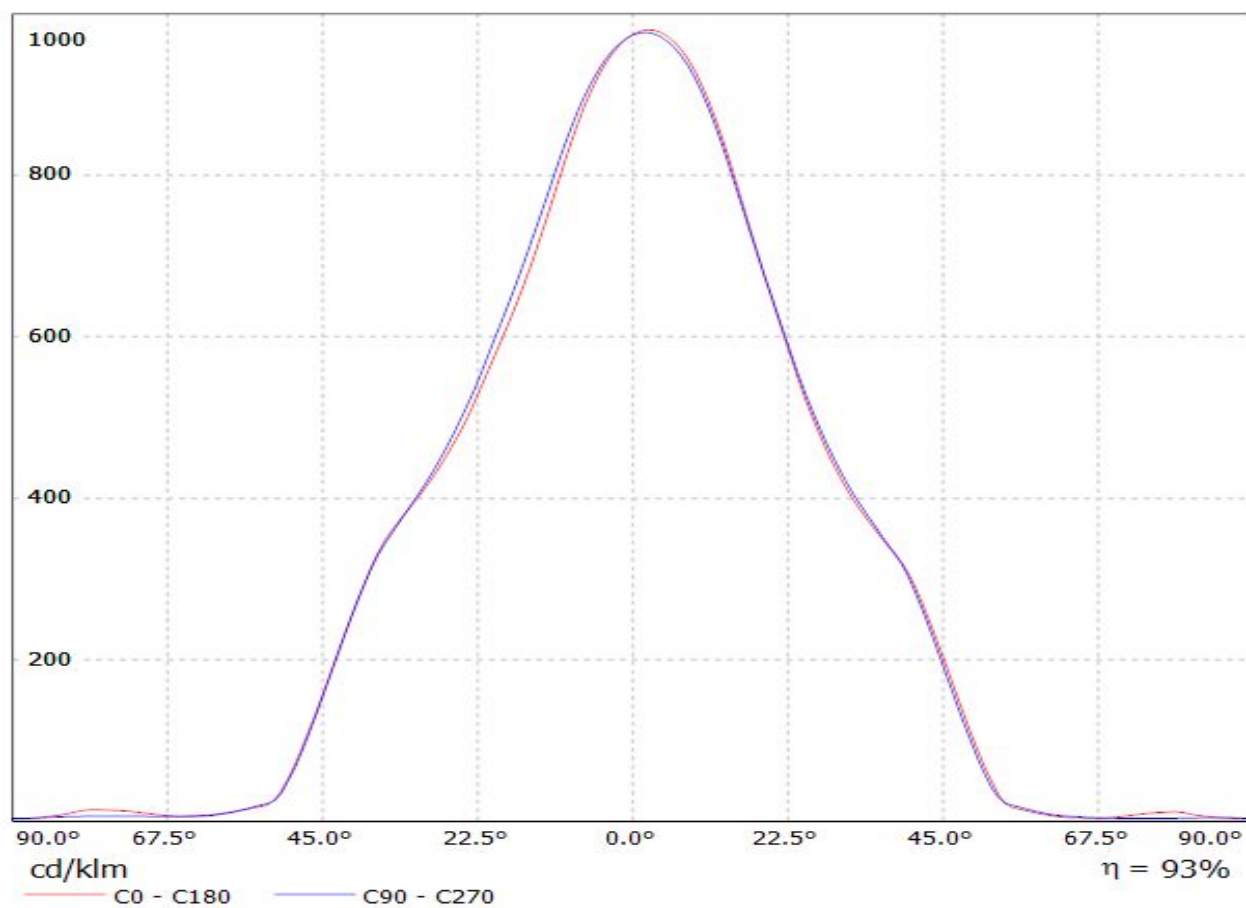
Luminaire: LEDiL Oy F13402_ANGELINA-W_(NSBxL121A)
Lamps: 1 x Nichia_NSBxL121A_914.478lm@250mA_P=7.56872W_I=249.9mA



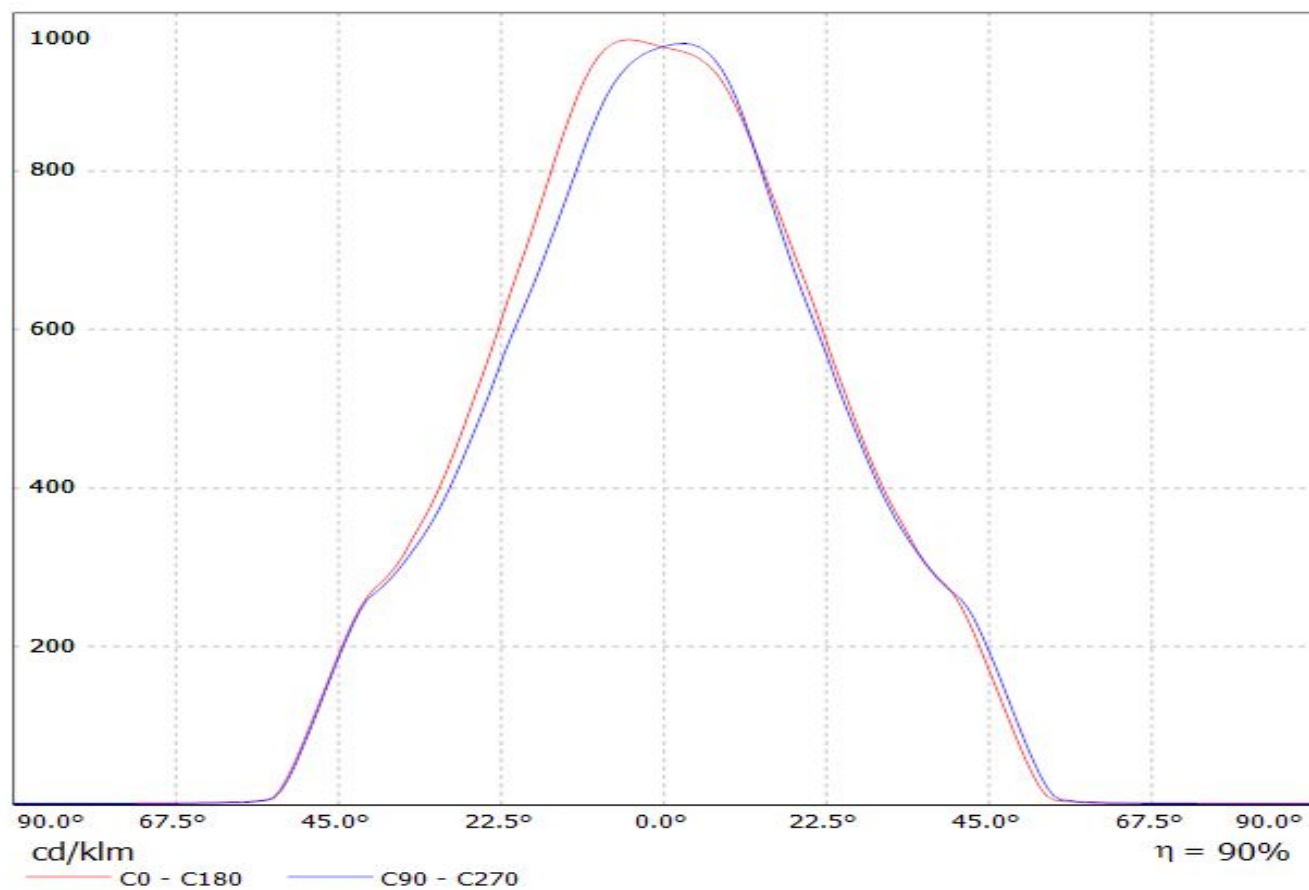
Luminaire: LEDiL Oy F13402_ANGELINA-W_(Fortimo LED SLM L19 G4)
Lamps: 1 x Fortimo LED SLM L19 G4_1114.89lm@250mA_P=8.04906W_I=0.2498A



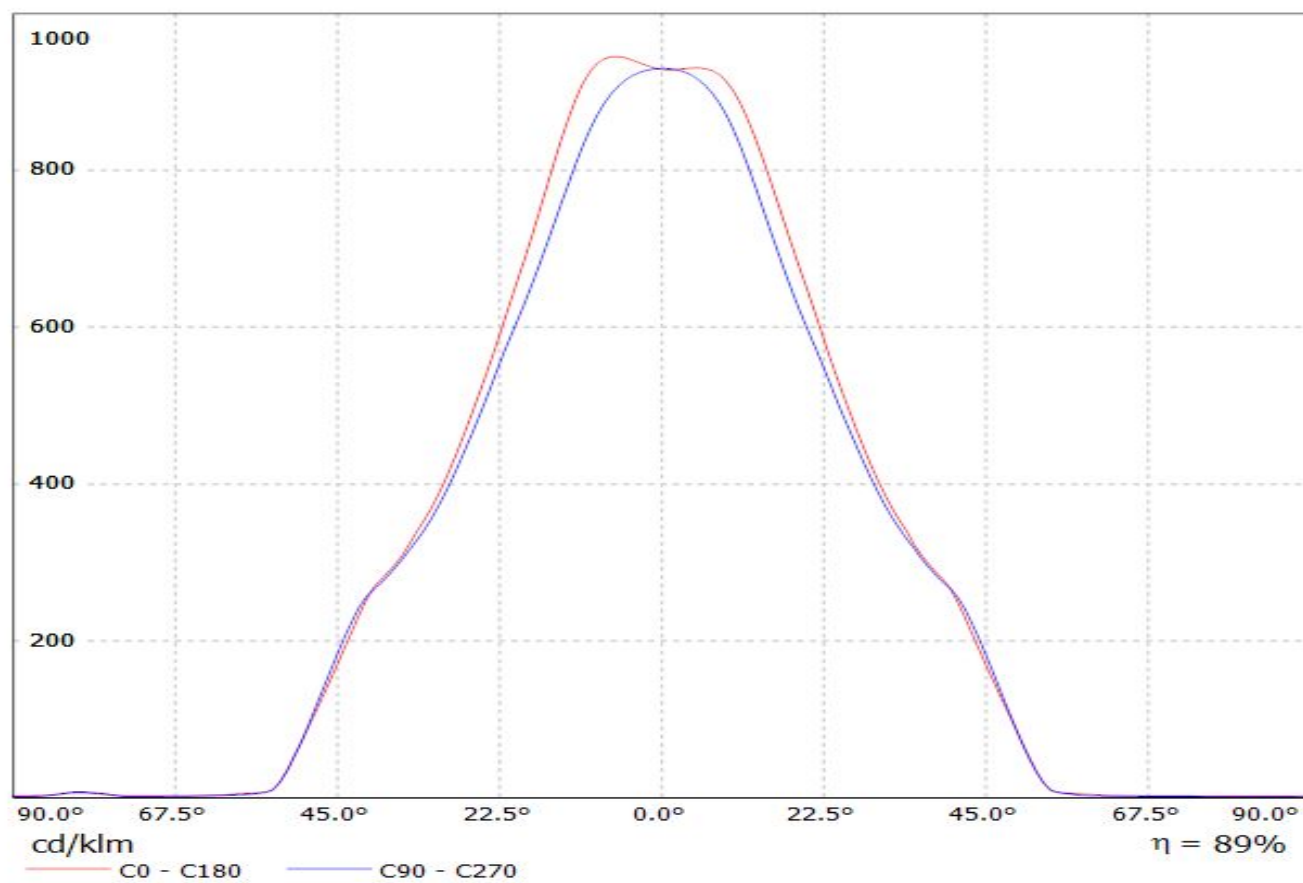
Luminaire: LEDiL Oy F13402_ANGELINA-W_(CXA30) Eff. 93%
Lamps: 1 x CREE_CXA30_(CXA3050-3C0-Y2-N0H)_1340.66lm@250mA_P=8.16471W_CCT=5000K_I=249.8mA



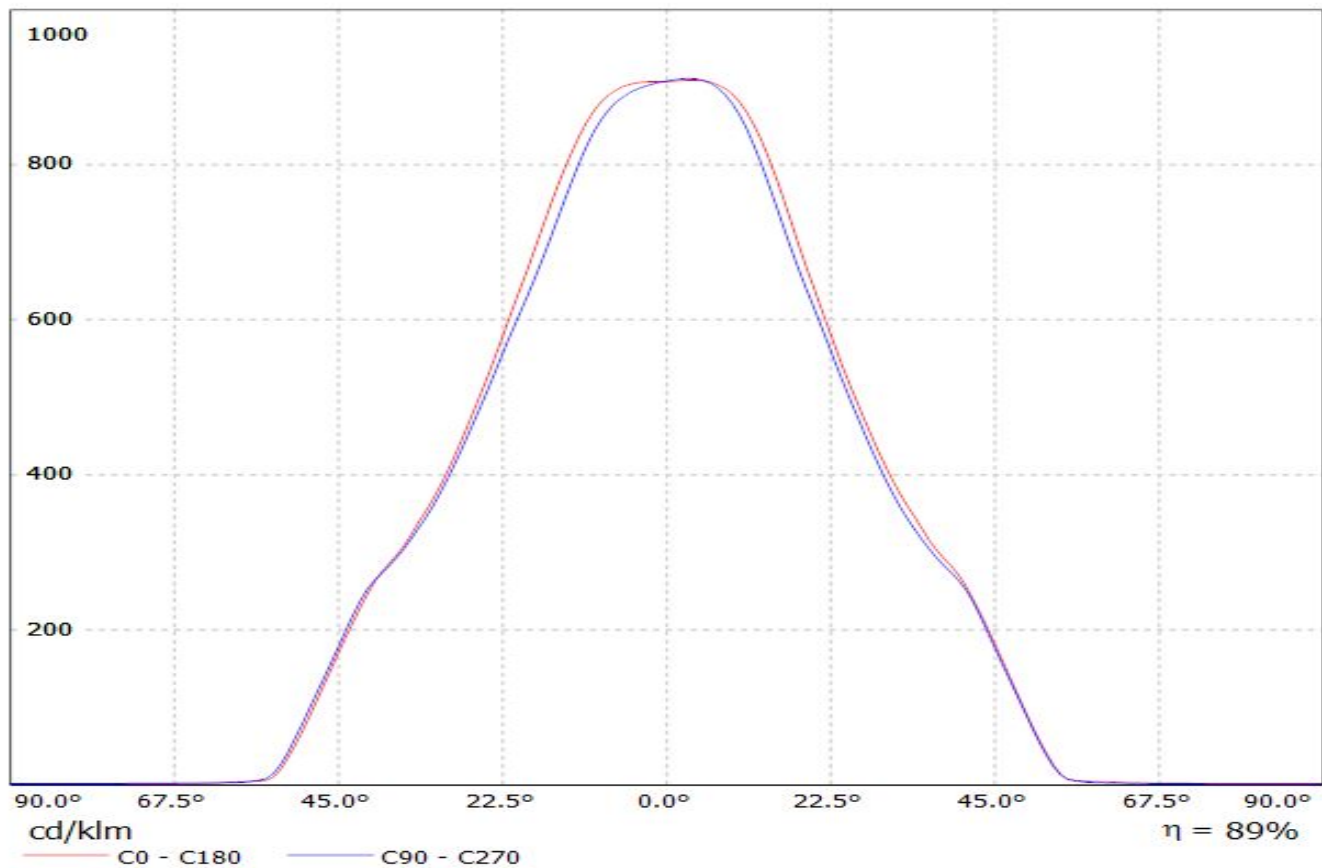
Luminaire: LEDiL Oy F13402_ANGELINA-W_(STARK_SLE_G2_LES23) Eff.90.2%
Lamps: 1 x TRIDONIC STARK SLE G2 LES23 830 CLA 982.73lm@250mA CCT=3000K P=8W I=250mA



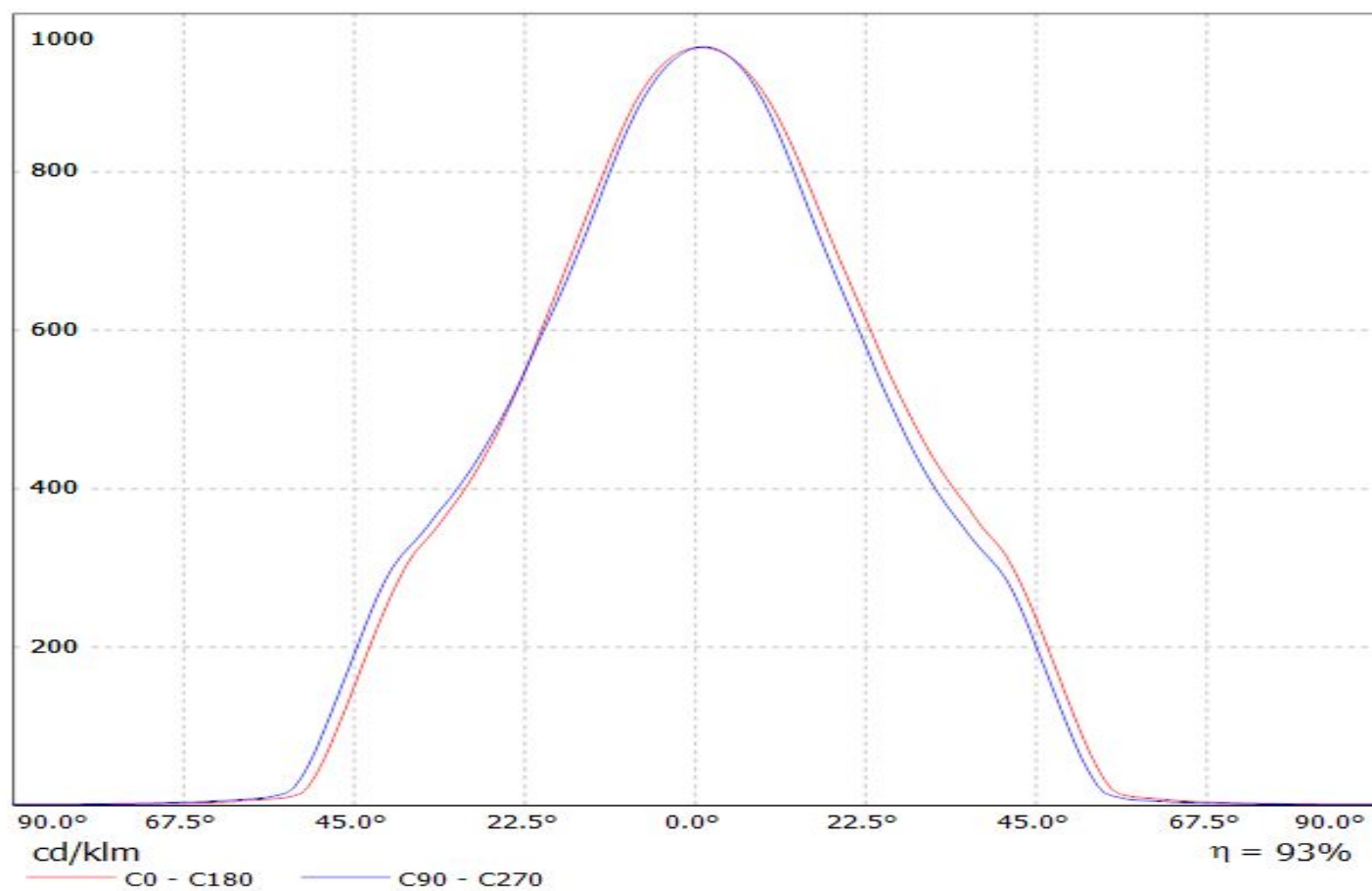
Luminaire: LEDiL Oy F13402_ANGELINA-W_(FORTIMO_4500) Eff.89.0%
Lamps: 1 x PHILIPS Fortimo 4500



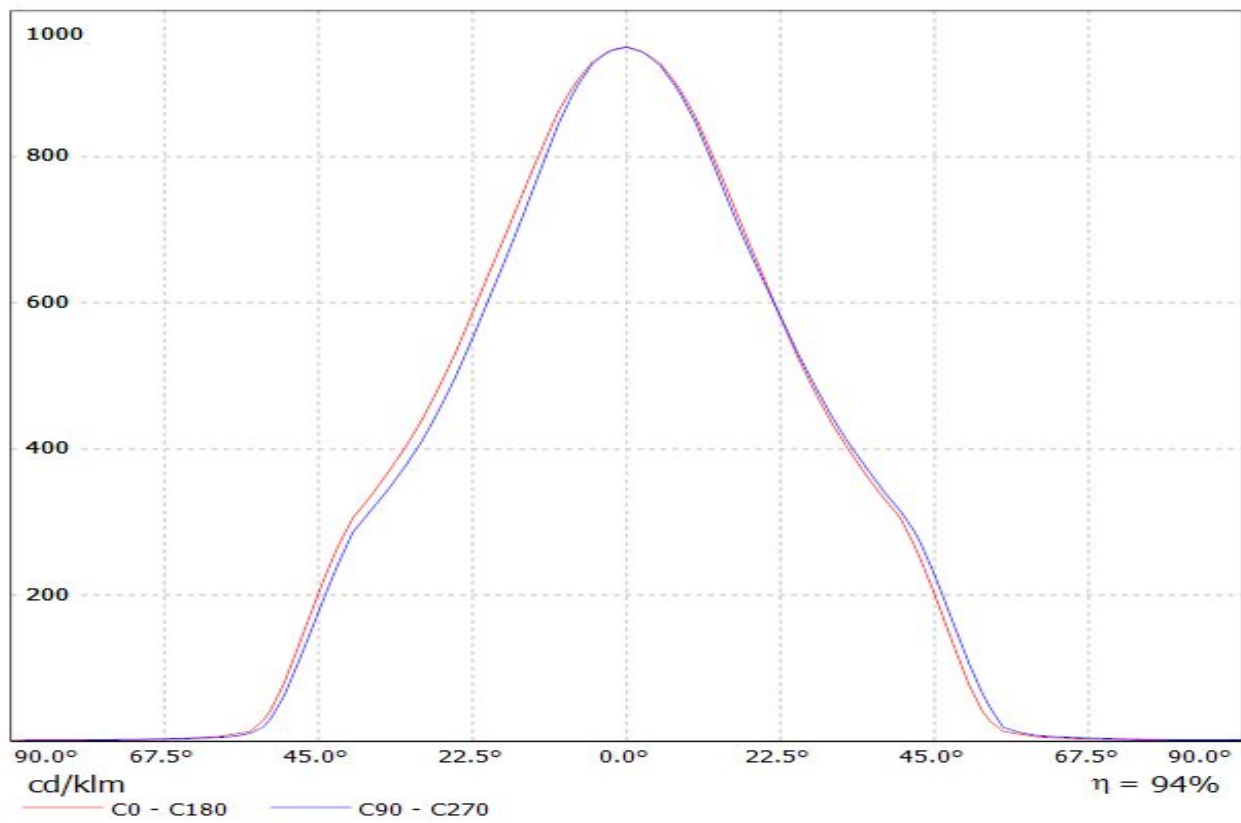
Luminaire: LEDiL Oy F13402_ANGELINA-W_(STARK_SLE_G2_LES26) Eff.89.0%
Lamps: 1 x TRIDONIC STARK SLE G2 LES26 830 CLA 1095.88lm@250mA CCT=3000K P=8W I=250mA



Luminaire: LEDiL Oy F13402_ANGELINA-W_(SLE_G4_LES23)
Lamps: 1 x Tridonic_SLE_G4_LES23_1354.57lm@250mA_P=8.18744W_I=0.2498A

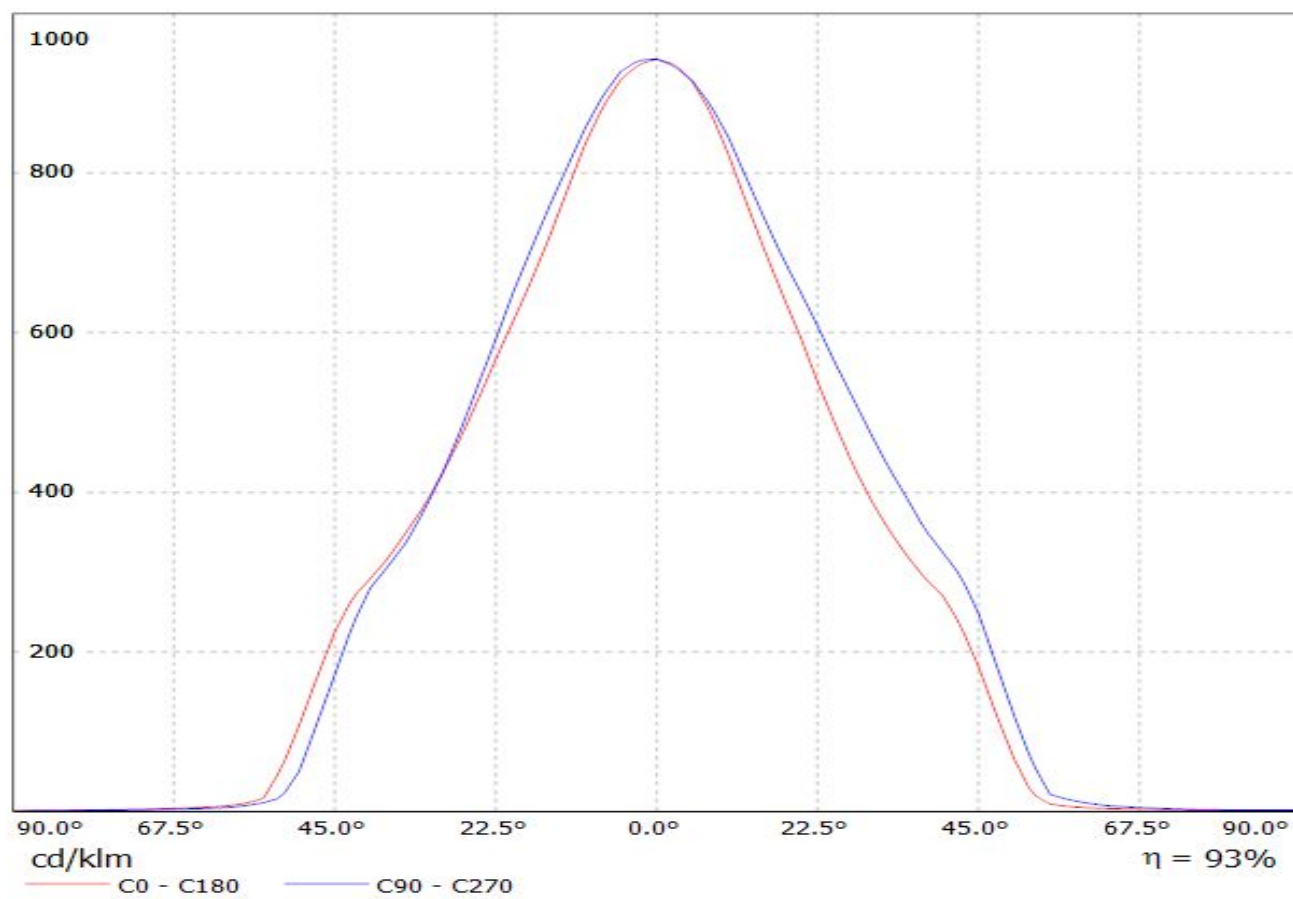


Luminaire: LEDiL Oy F13402_ANGELINA-W_(PrevaLED_LES23) Eff. 94%
Lamps: 1 x OSRAM PrevaLED_LES23_(PL-CORE-5000-930-Z3)_1102.2lm@250mA_P=9.93654W_I=249.8mA

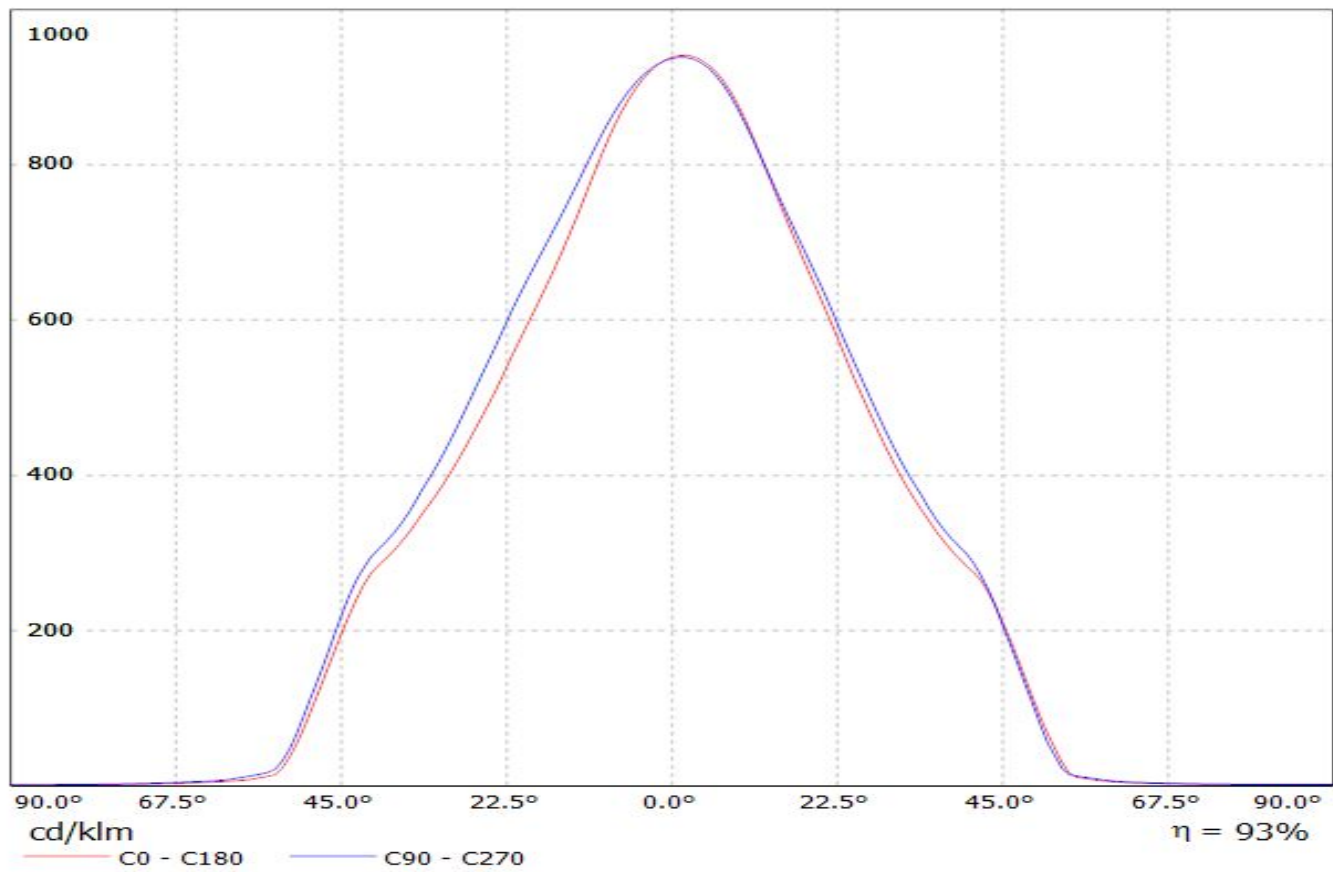


Luminaire: LEDiL Oy F13402_ANGELINA-W_(WU-M-462-827)

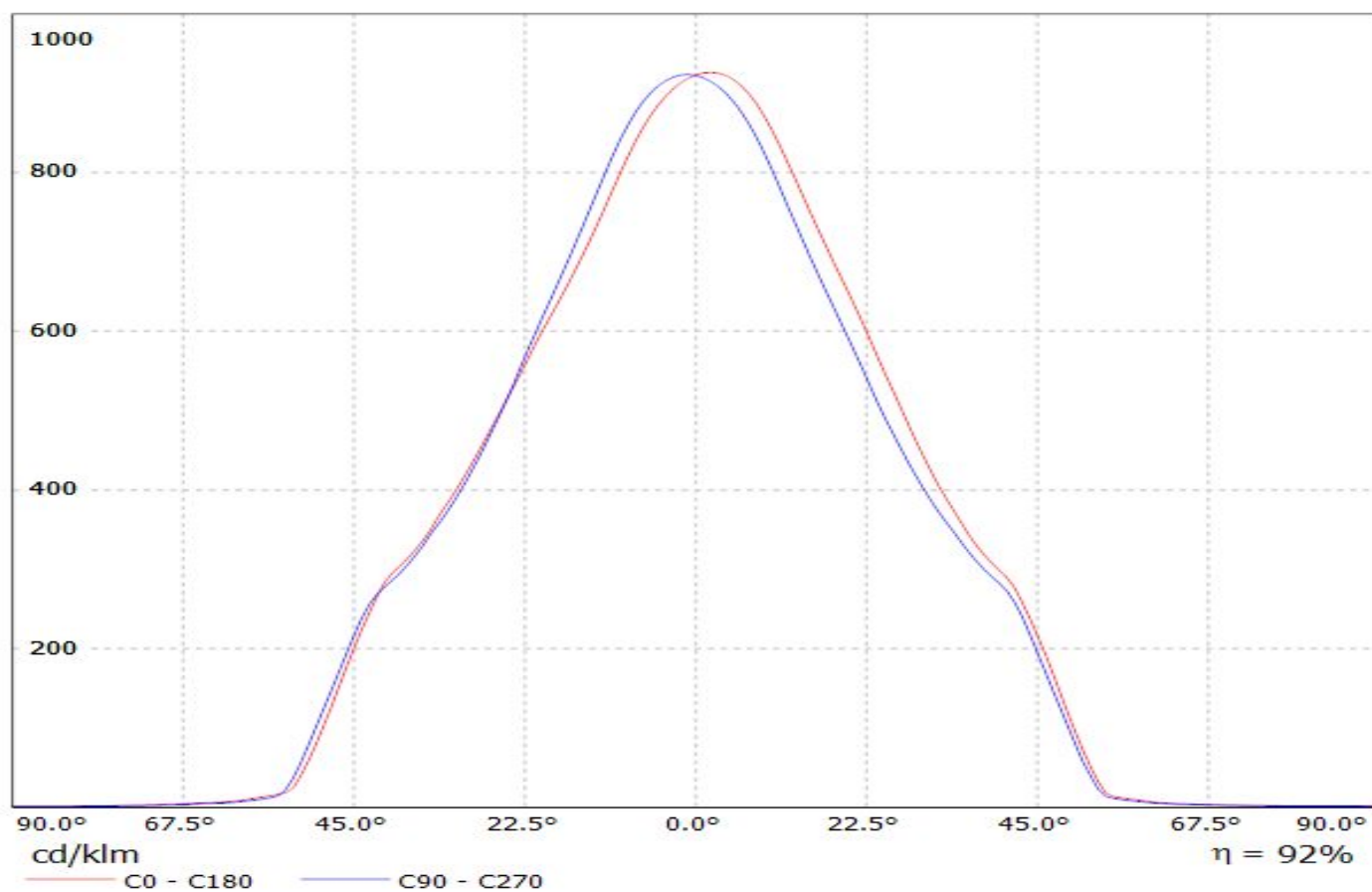
Lamps: 1 x Vossloh_WU-M-462-827_1116.7lm@250mA_P=8.9943W_I=249.8mA



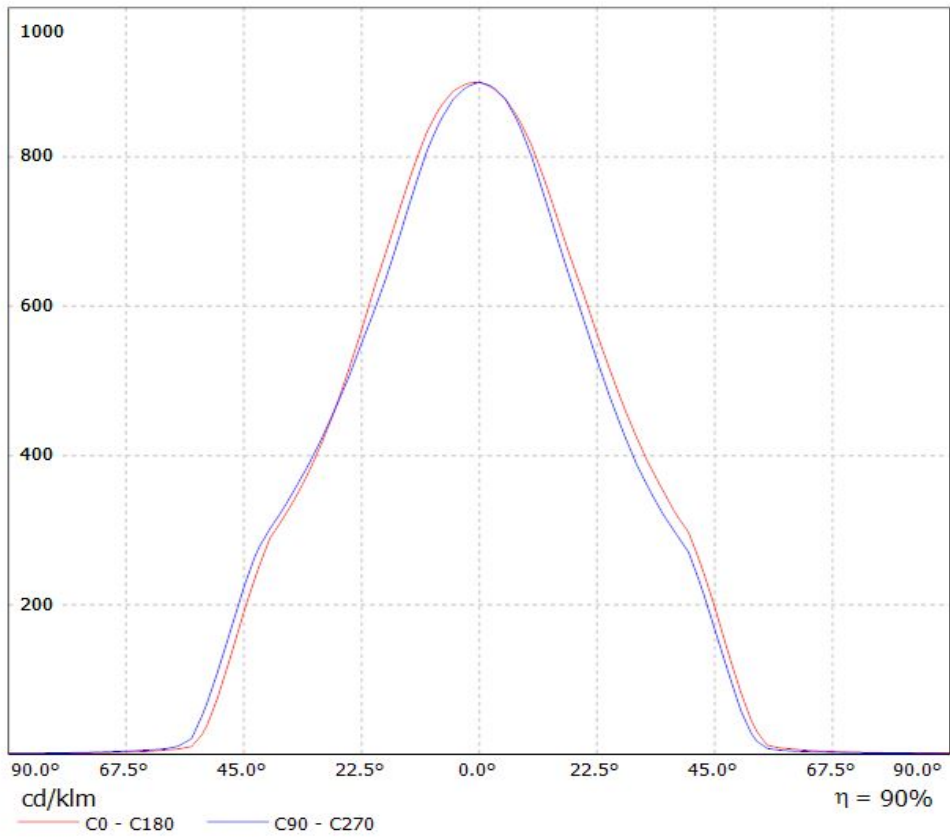
Luminaire: LEDiL Oy F13402_ANGELINA-W_(WU-M-464-827)
Lamps: 1 x Vossloh_WU-M-464-827_1452.93lm@250mA_P=11.6939W_I=249.8mA



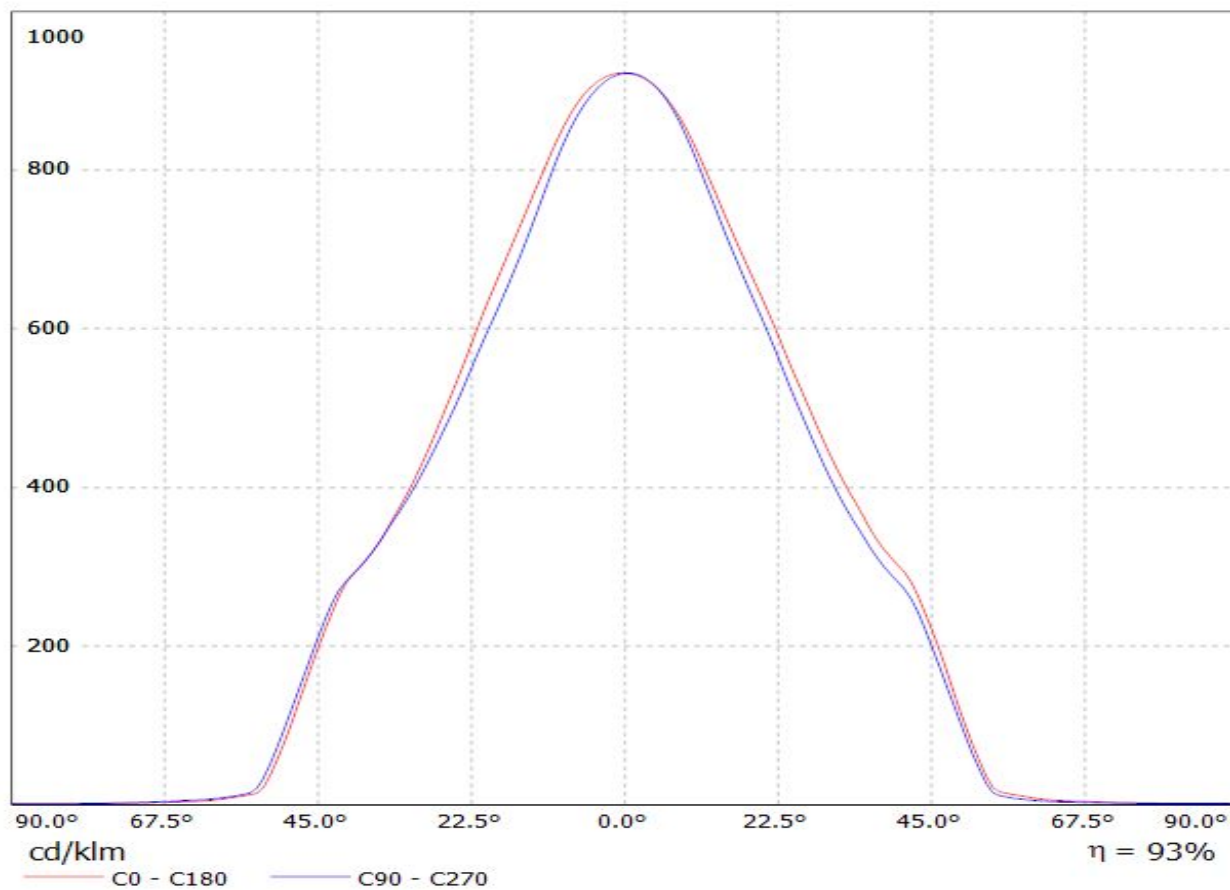
Luminaire: LEDiL Oy F13402_ANGELINA-W_(WU-M-486) Eff.92.5%
Lamps: 1 x Vossloh_Schwabe-WU-M-486_(WU-M-486-830)
_1474.55lm@250mA_P=10.4456W_I=249.8mA



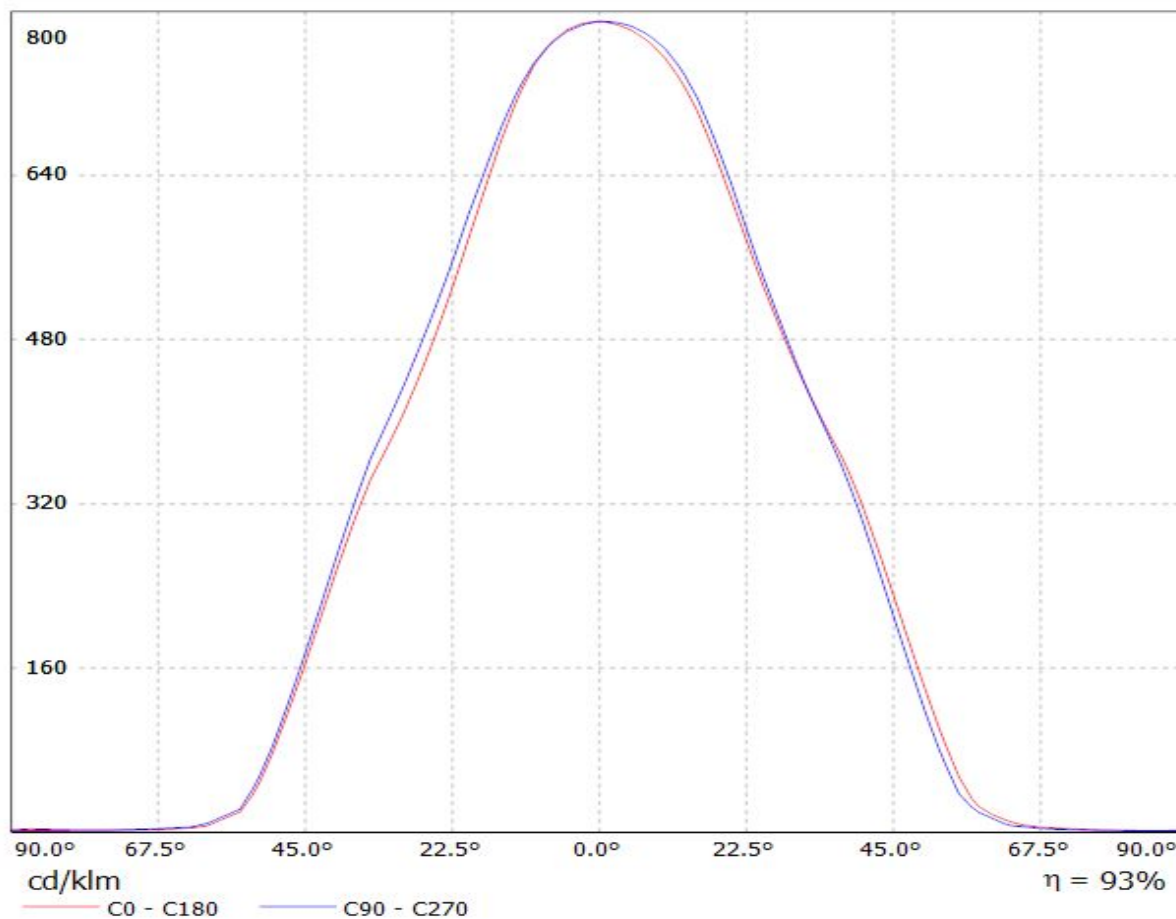
Luminaire: LEDiL Oy F13402_ANGELINA-W_(SLE_G3_LES23) Eff 90.3%
Lamps: 1 x TRIDONIC_STARK_SLE_G3_LES23_(STARK-SLE-PURE_G3-23-3000-930-SEL)_813.196lm@250mA_CCT=3000K_P=8.20018W_I=249.8mA



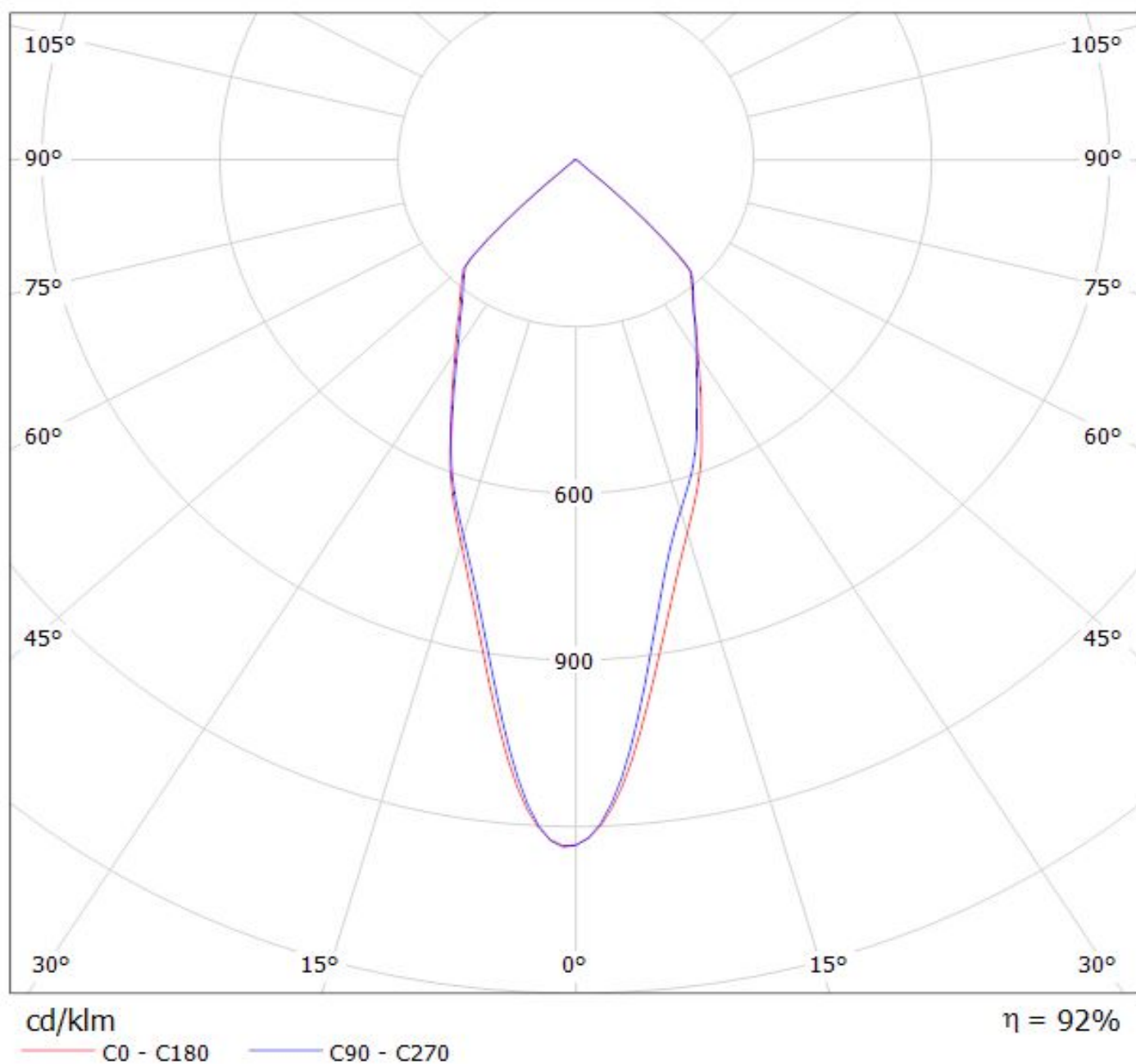
Luminaire: LEDiL Oy F13402_ANGELINA-W_(WU-M-484)
Lamps: 1 x Vossloh_Schwabe-WU-M-485_(WU-M-485-830)_1209.62lm@250mA_P=8.43849W_I=249.8mA



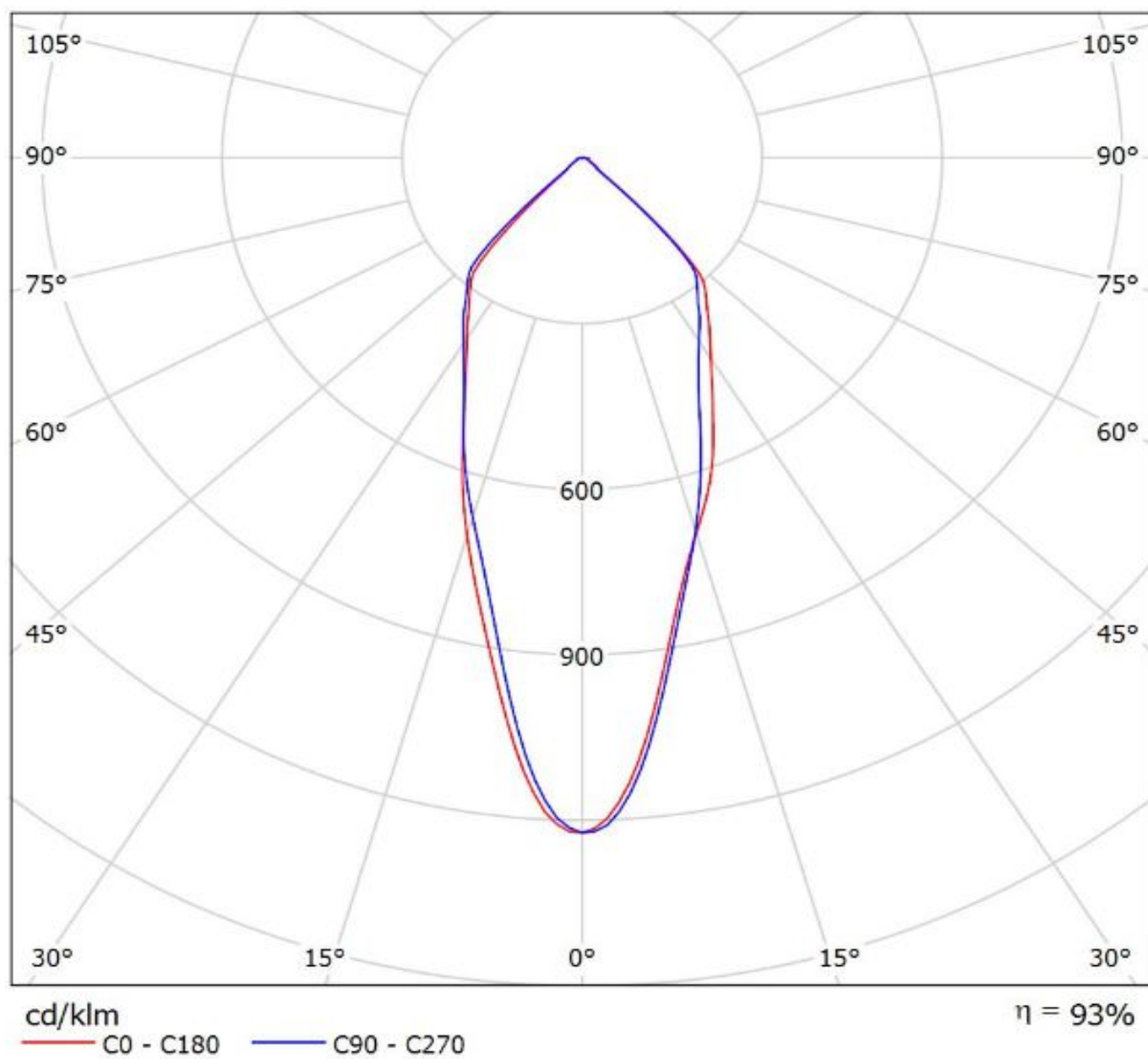
Luminaire: LEDiL Oy F13402_ANGELINA-W_(CXA3590)
Lamps: 1 x CREE_CXA3590_(CXA3590-30F-BD-R0H-0002)_2640.14lm@250mA_CCT=3000K_P=16.3941W_I=249.8mA



Luminaire: LEDiL Oy F13402_ANGELINA-W_(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

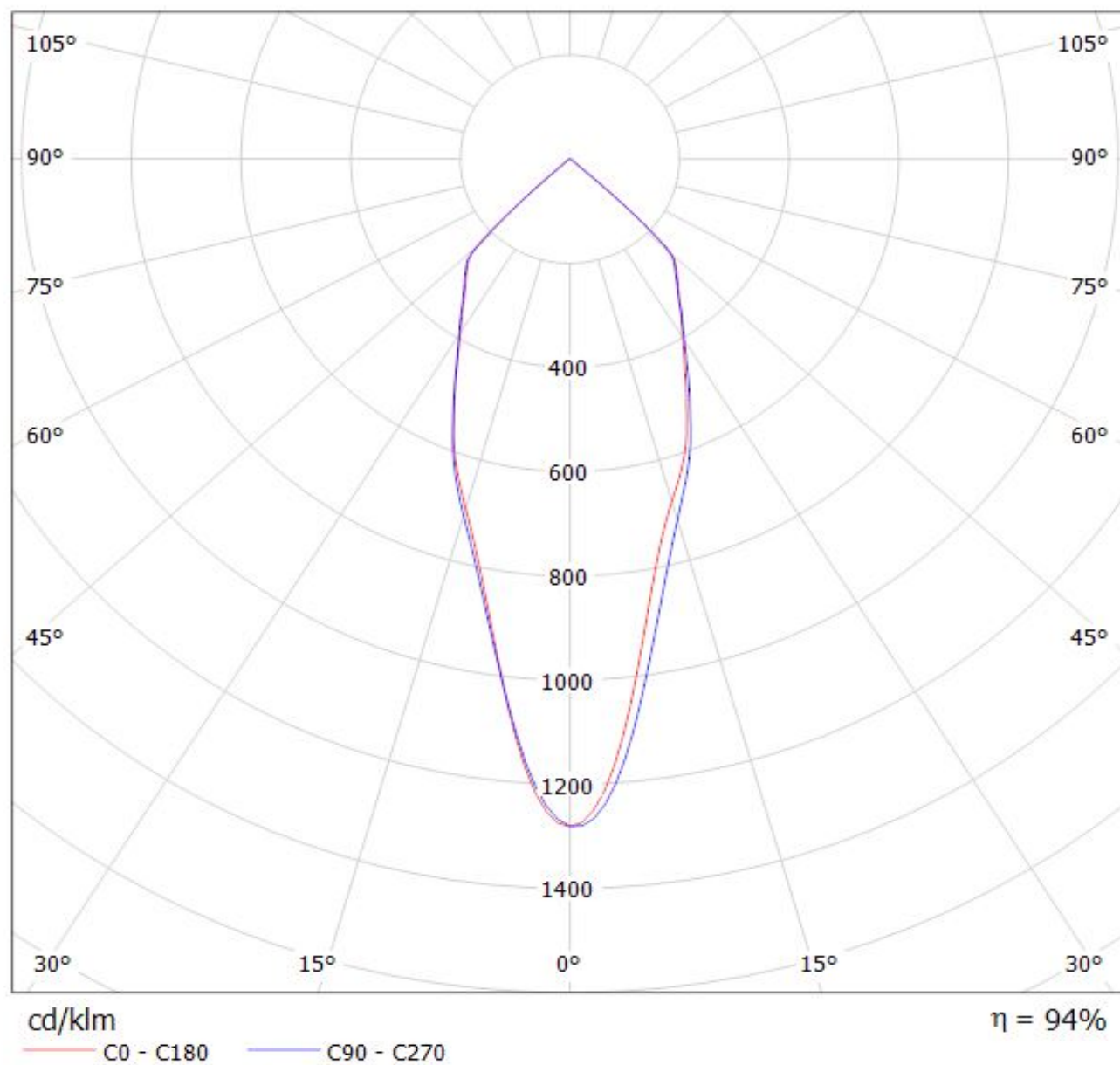


Luminaire: Ledil F13402_ANGELINA-W_(CLU720)
Lamps: 1 x CITIZEN_CLU720_(CLU720-1206B8-273M2)
_1337.27lm@250mA_CCT=2700K_P=8.35W_I=0.25A

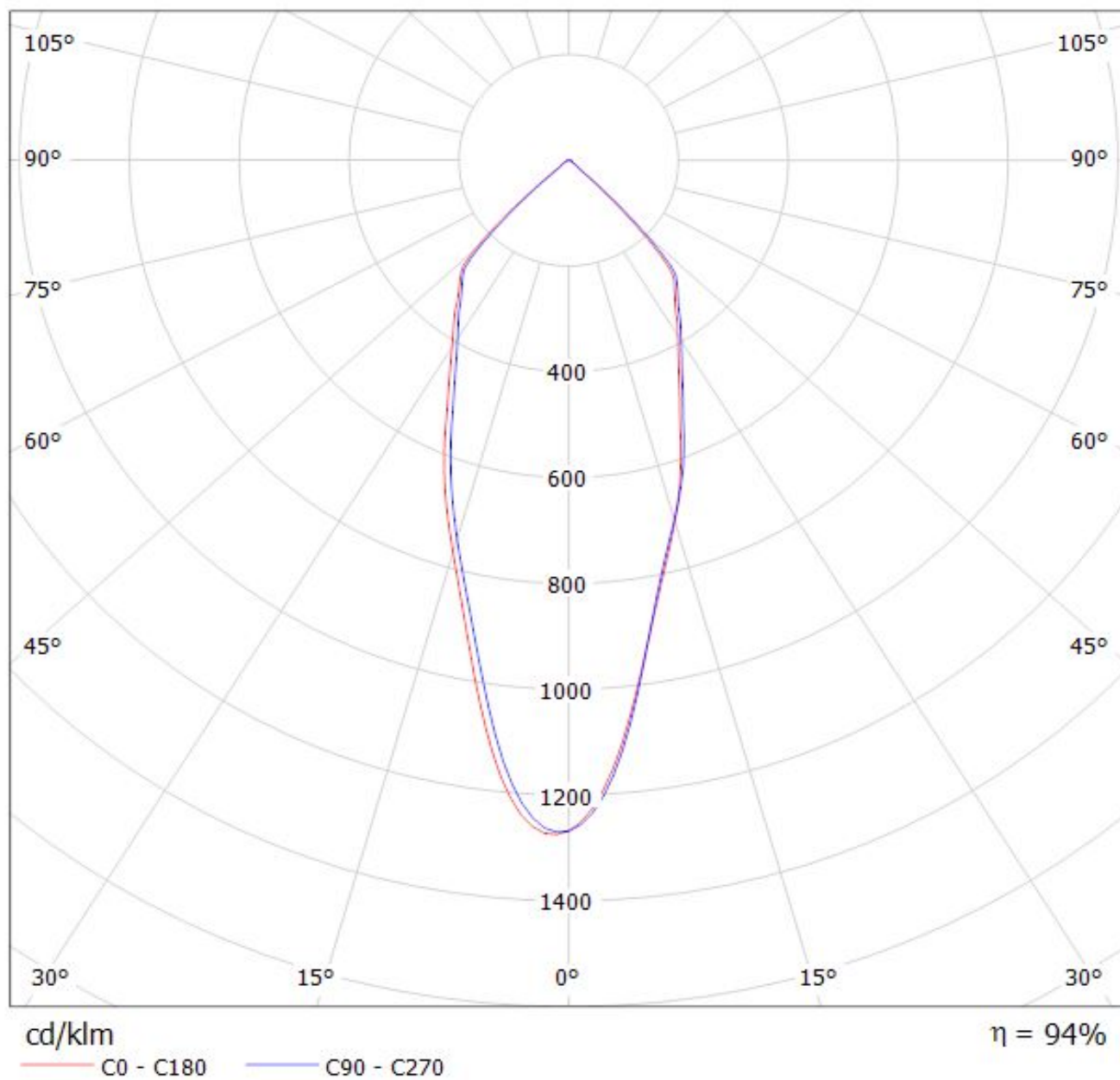


Luminaire: LEDiL Oy F13402_ANGELINA-W_(PrevaLED_LES9) Eff. 93%

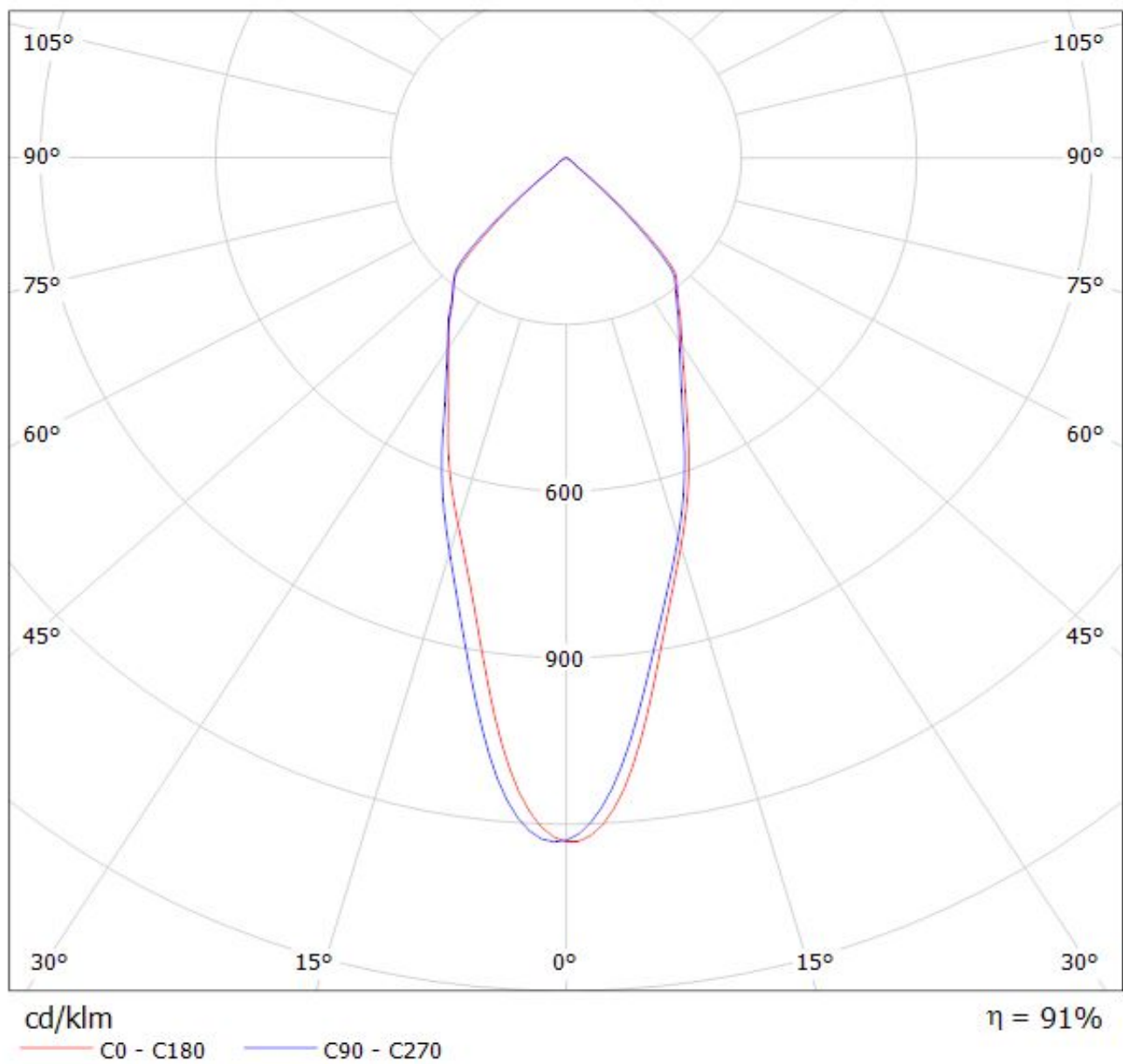
Lamps: 1 x PrevaLED_LES9_(PL-CORE-1100-830-Z3)_507.9lm@100mA_P=4.5039W_I=100.1mA



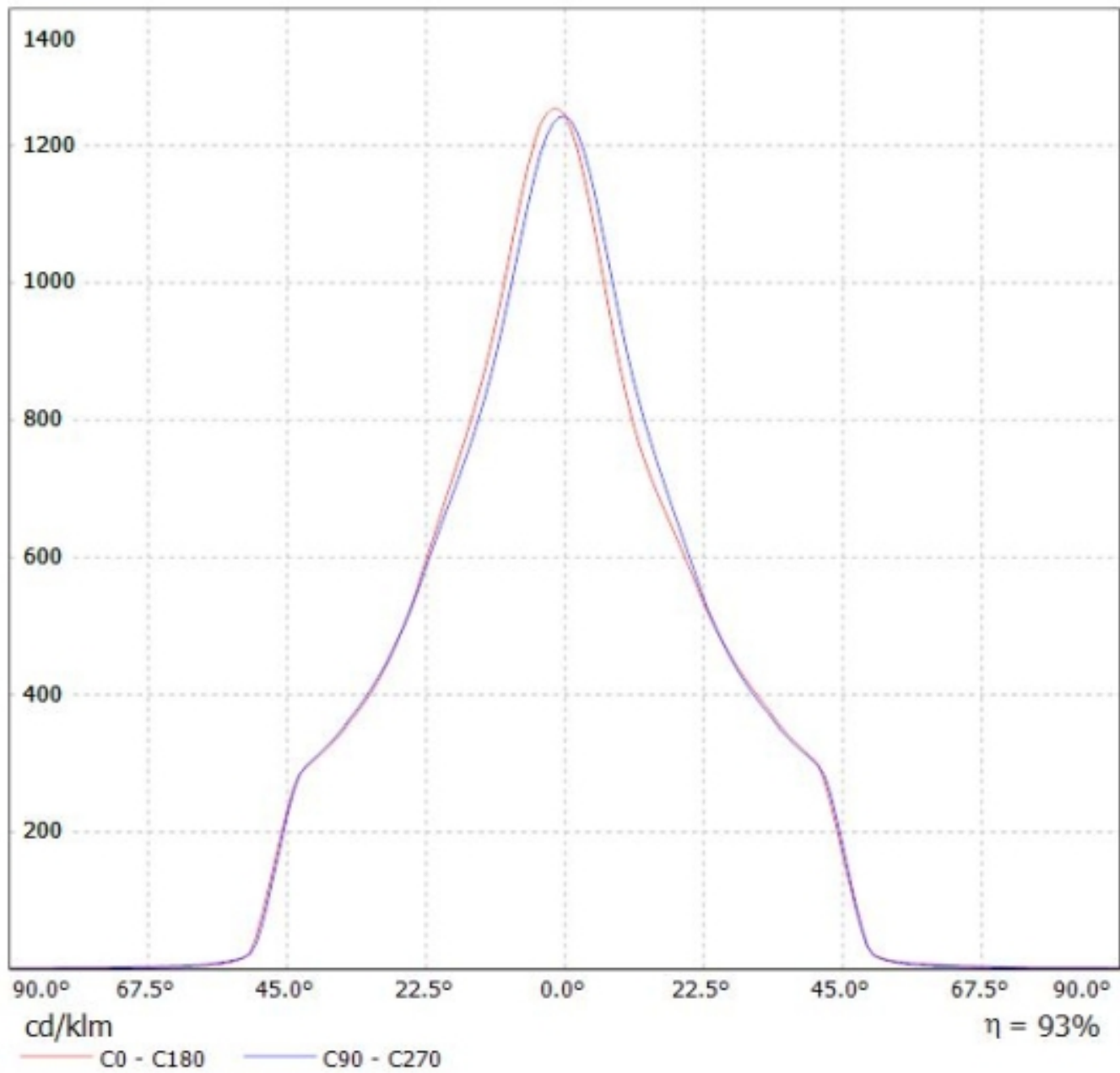
Luminaire: LEDiL Oy F13402_ANGELINA-W_(CXA1816) Eff. 94%
Lamps: 1 x CREE_CXA1816_1042.78lm@250mA_P=8.65157W_I=249.9mA



Luminaire: LEDiL Oy F13402_ANGELINA-W_(NSBxL121A) Eff.90.9%
Lamps: 1 x NICHIA_NSBxL121A_(NSBLL121AE)_805.561lm@250mA_CCT=3000K_P=7.3681W_I=249.8mA

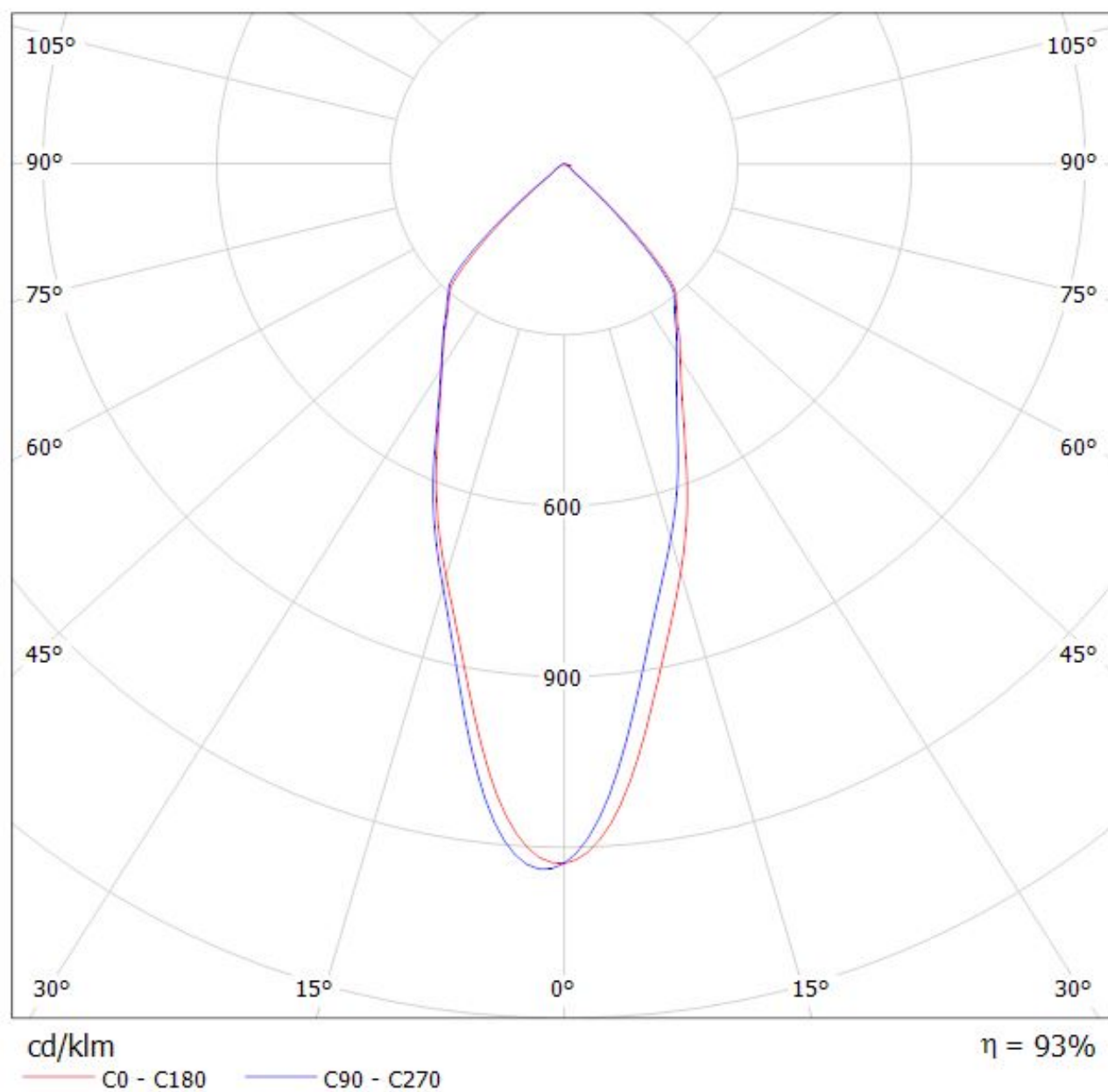


Luminaire: LEDiL Oy F13402_ANGELINA-W_ (LEP-800-827-C-AC)
Lamps: 1 x OSRAM PrevaLED Core AC (LEP-800-827-C-AC) 910lm@60mA U:230V P:14W

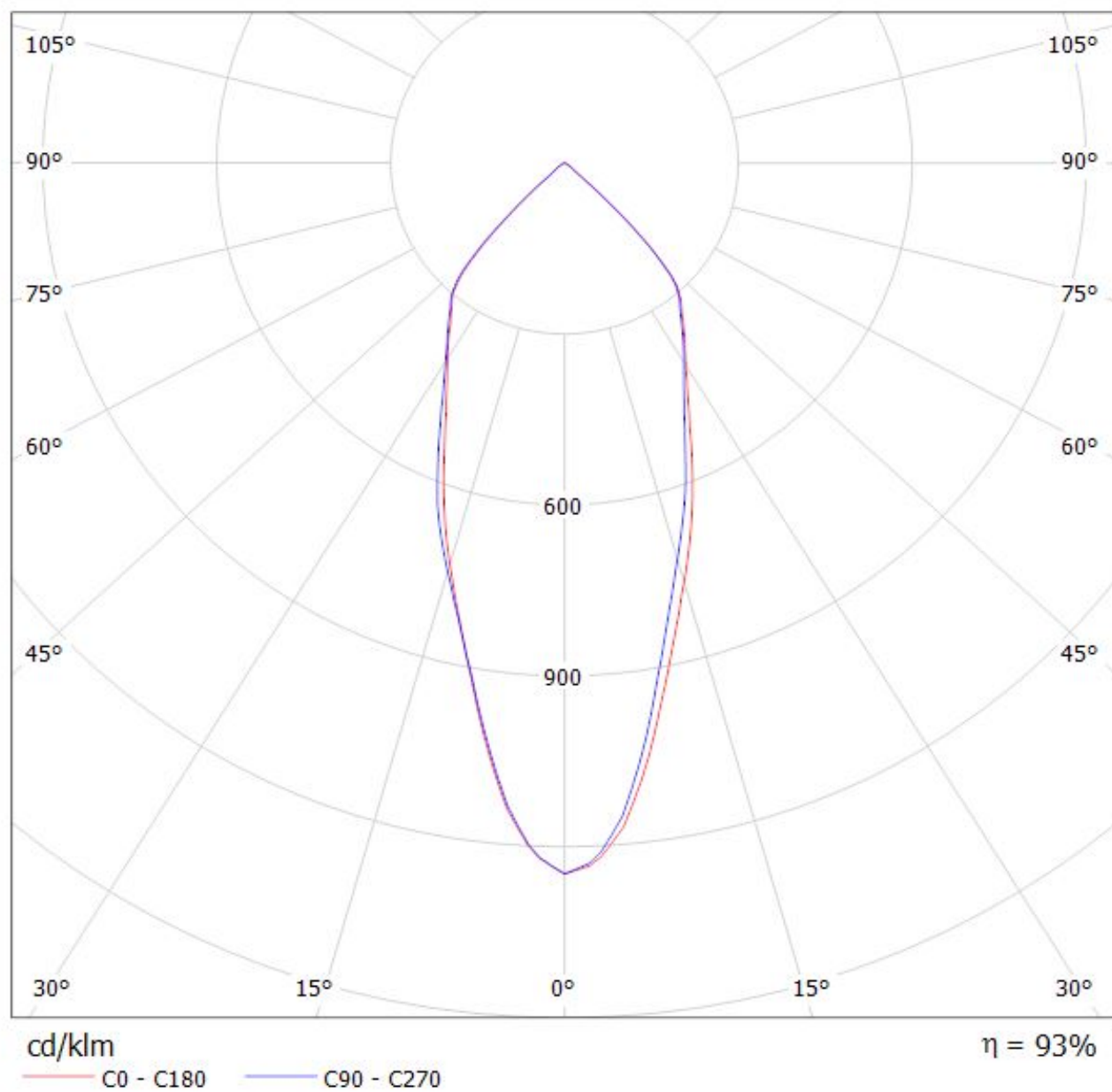


Luminaire: LEDiL Oy F13402_ANGELINA-W_(LUXEON_COB_1205) Eff.93.0%

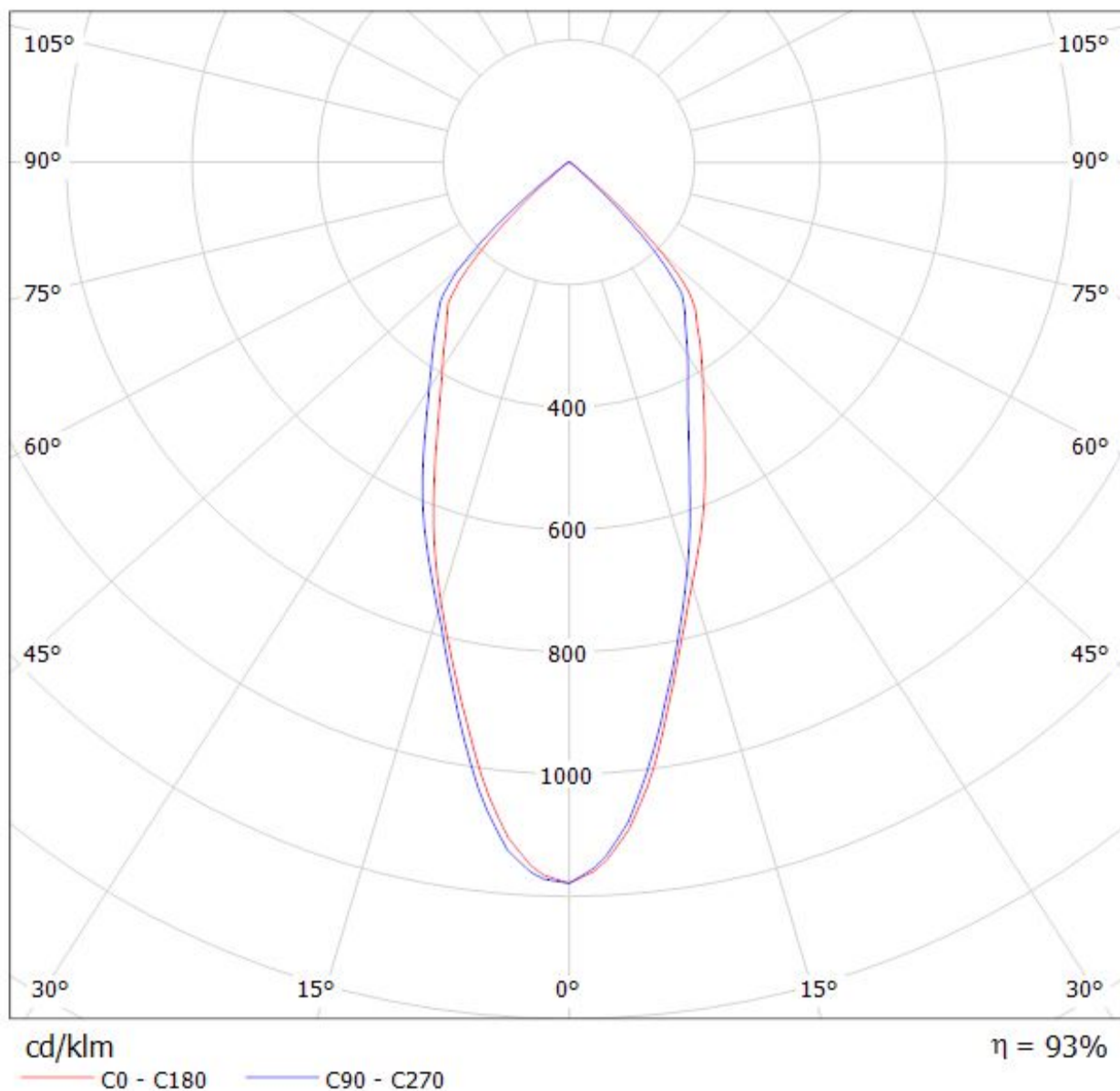
Lamps: 1 x LUXEON_COB_1205_(LHC1-3080-1205)_1084.49lm@250mA_CCT=3000K_P=8.31784W_I=249.8mA



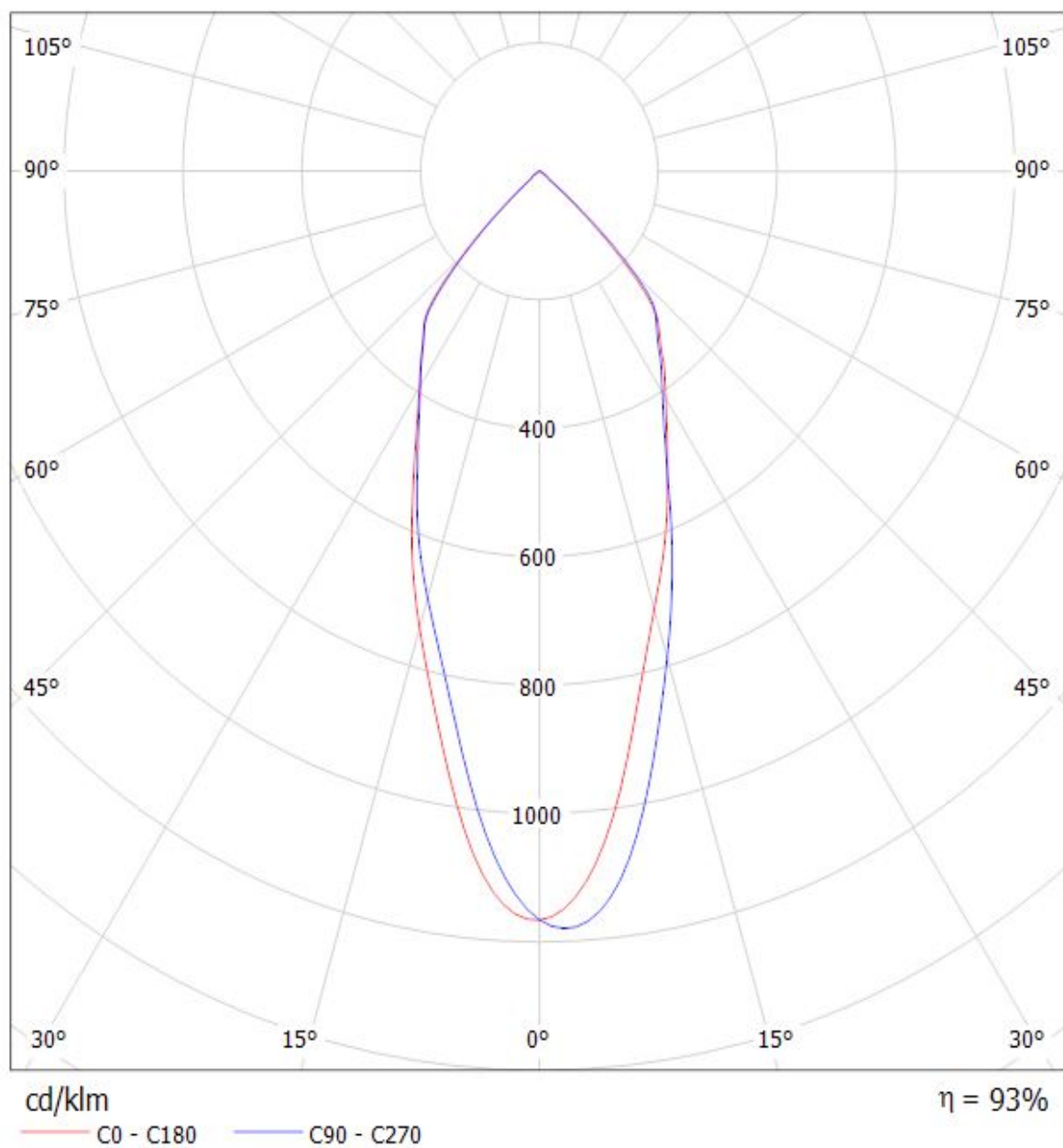
Luminaire: LEDiL Oy F13402_ANGELINA-W_(LG_COB-10W) Eff.93.1%
Lamps: 1 x LG_COB-10W_1024lm@250mA_CCT=5090K_P=9W_I=250mA



Luminaire: LEDiL Oy F13402_ANGELINA-W_(MEGAZENIGATA) Eff.93.0%
Lamps: 1 x SHARP_MEGAZENIGATA_(GW6DME30NFC)_1238.26lm@250mA_CCT=3000K_P=11.1211W_I=249.8n

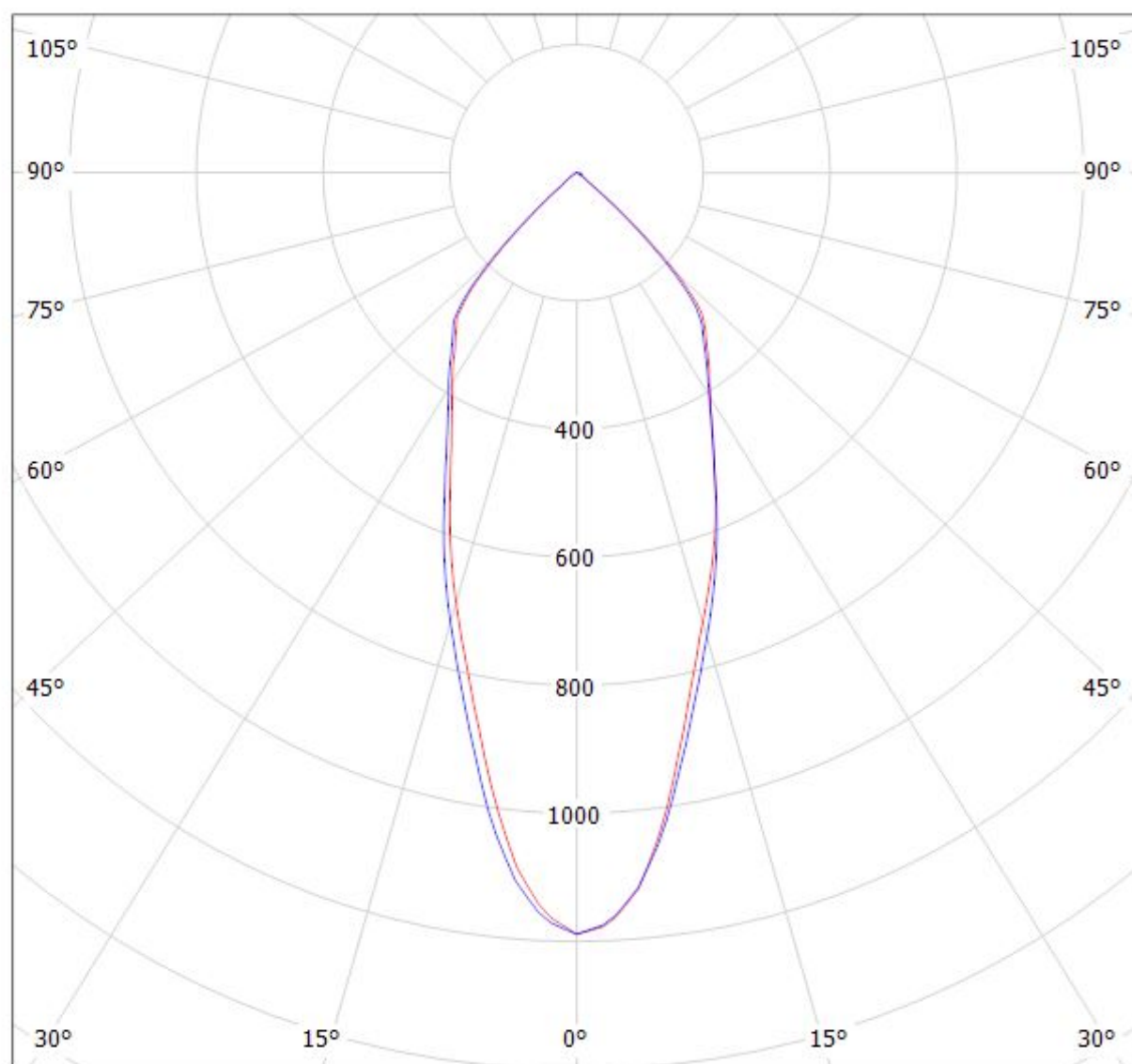


Luminaire: LEDiL Oy F13402_ANGELINA-W_(MEGAZENIGATA) Eff.93.0%
Lamps: 1 x SHARP_MEGAZENIGATA_(GW6DME30NFC)_1238.26lm@250mA_CCT=3000K_P=11.1211W_I=249.8mA



Luminaire: LEDiL Oy F13402_ANGELINA-W_(CLL030) Eff.92.6%

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



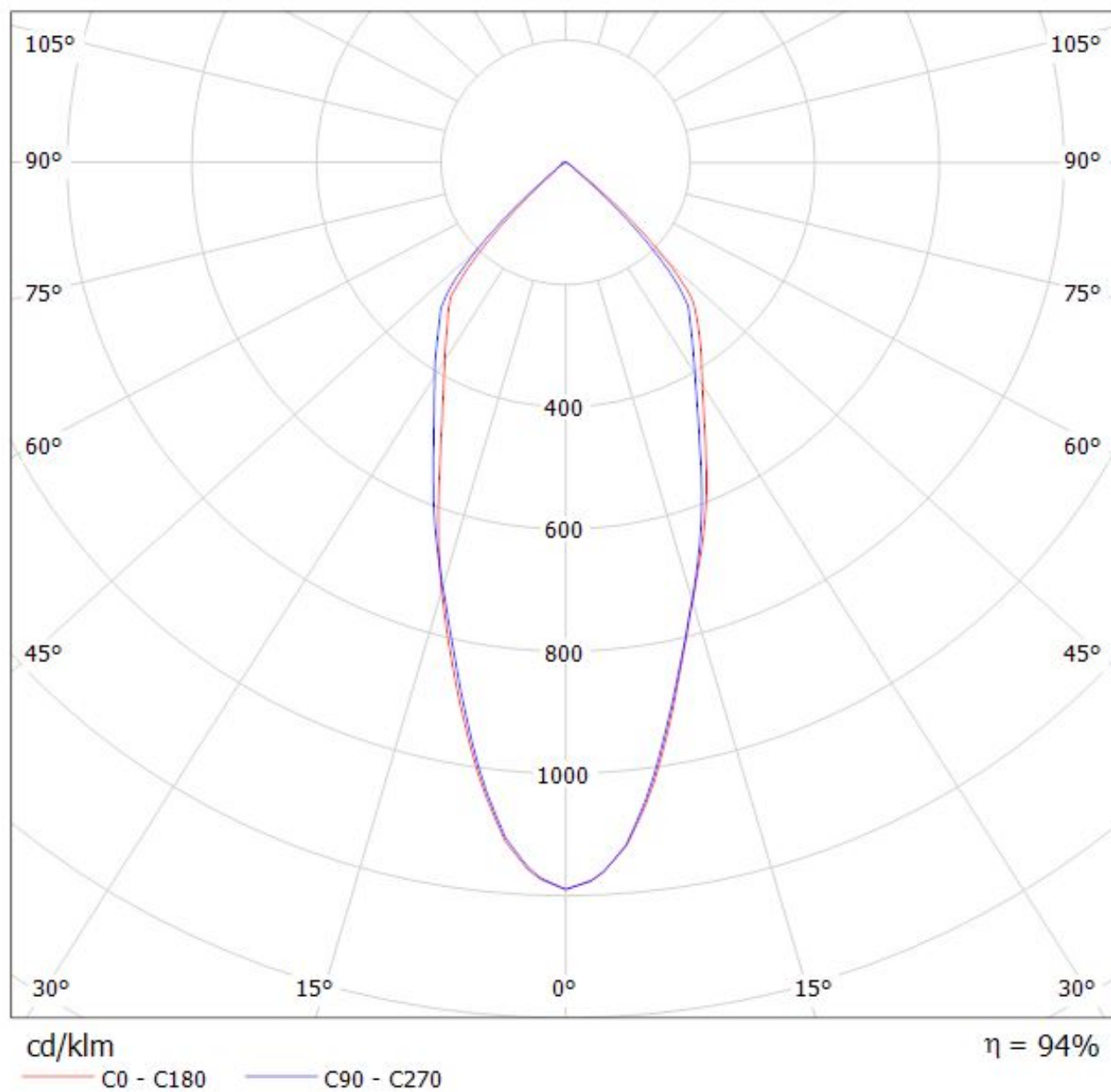
cd/klm

— C0 - C180 — C90 - C270

$\eta = 93\%$

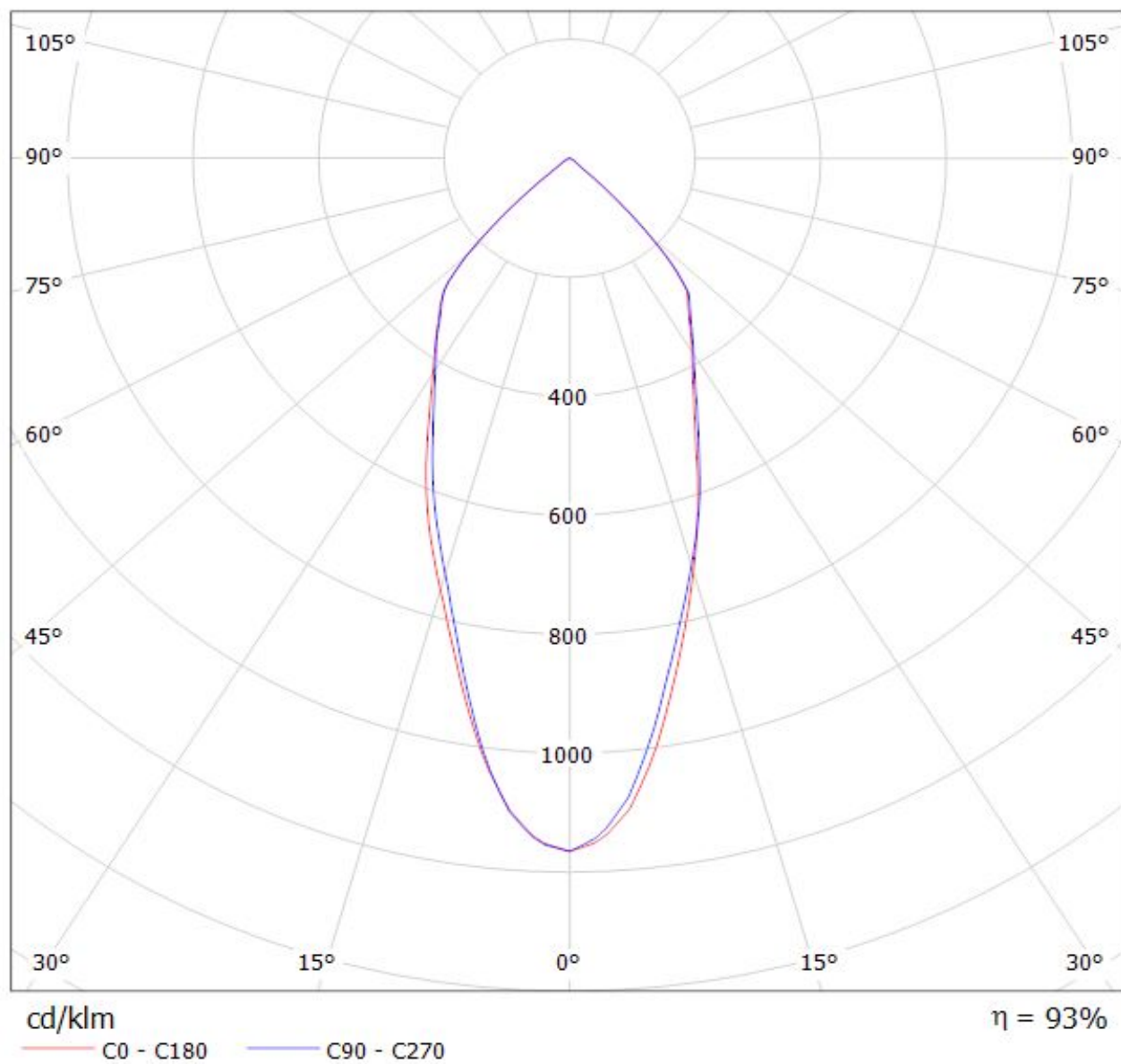
Luminaire: LEDiL Oy F13402_ANGELINA-W_(NSCxJ216A) Eff.93.9%

Lamps: 1 x NICHIA_NSCxJ216A_(NSCLJ216AE)_949.847lm@250mA_CCT=3000K_P=7.96937W_I=249.8mA



Luminaire: LEDiL Oy F13402_ANGELINA-W_(LUXEON_COB_1208) Eff.93.3%

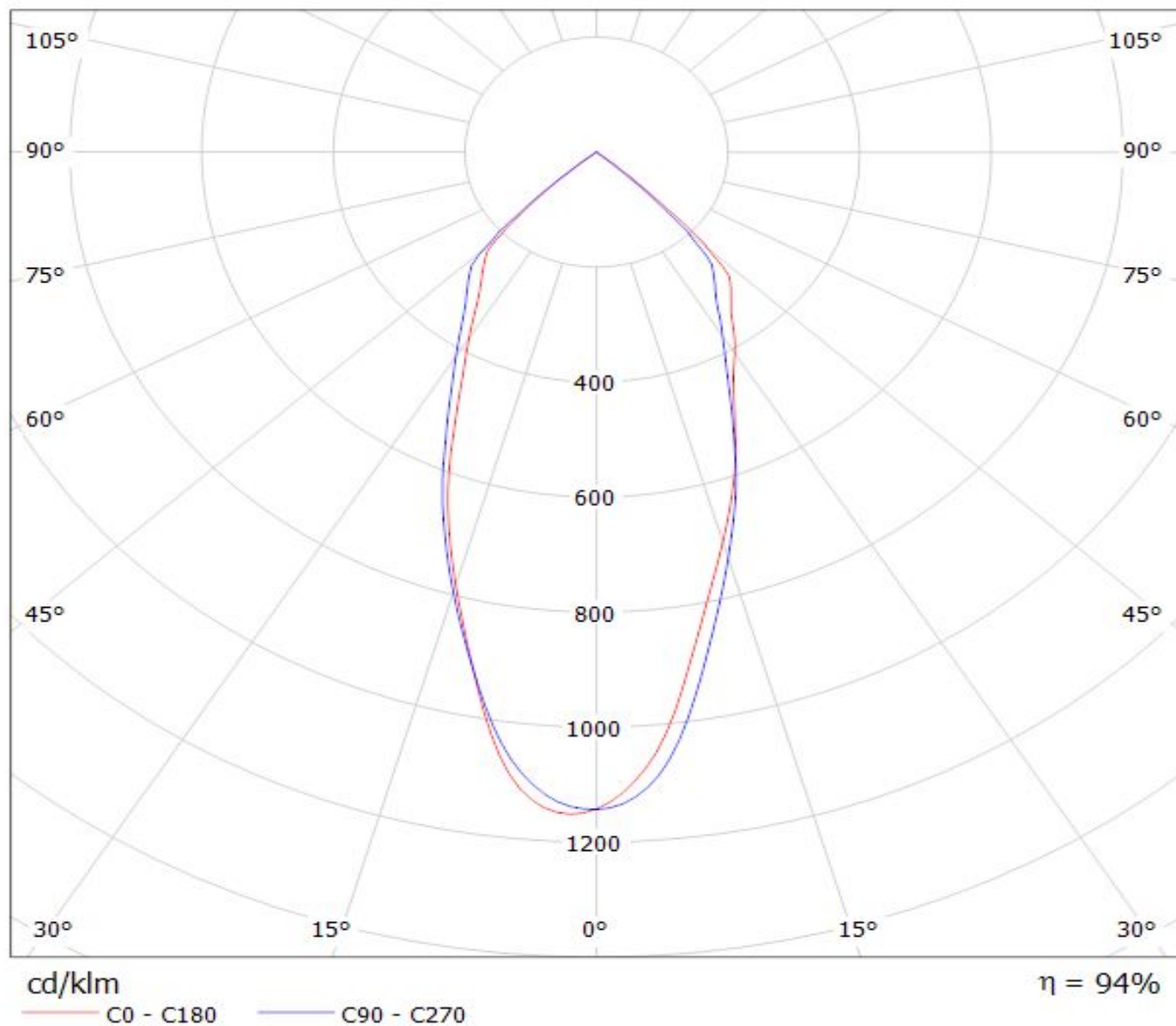
Lamps: 1 x LUXEON_COB_1208_(LHC1-3080-1208)_1015.13lm@250mA_CCT=3000K_P=8.15972W_I=249.8mA



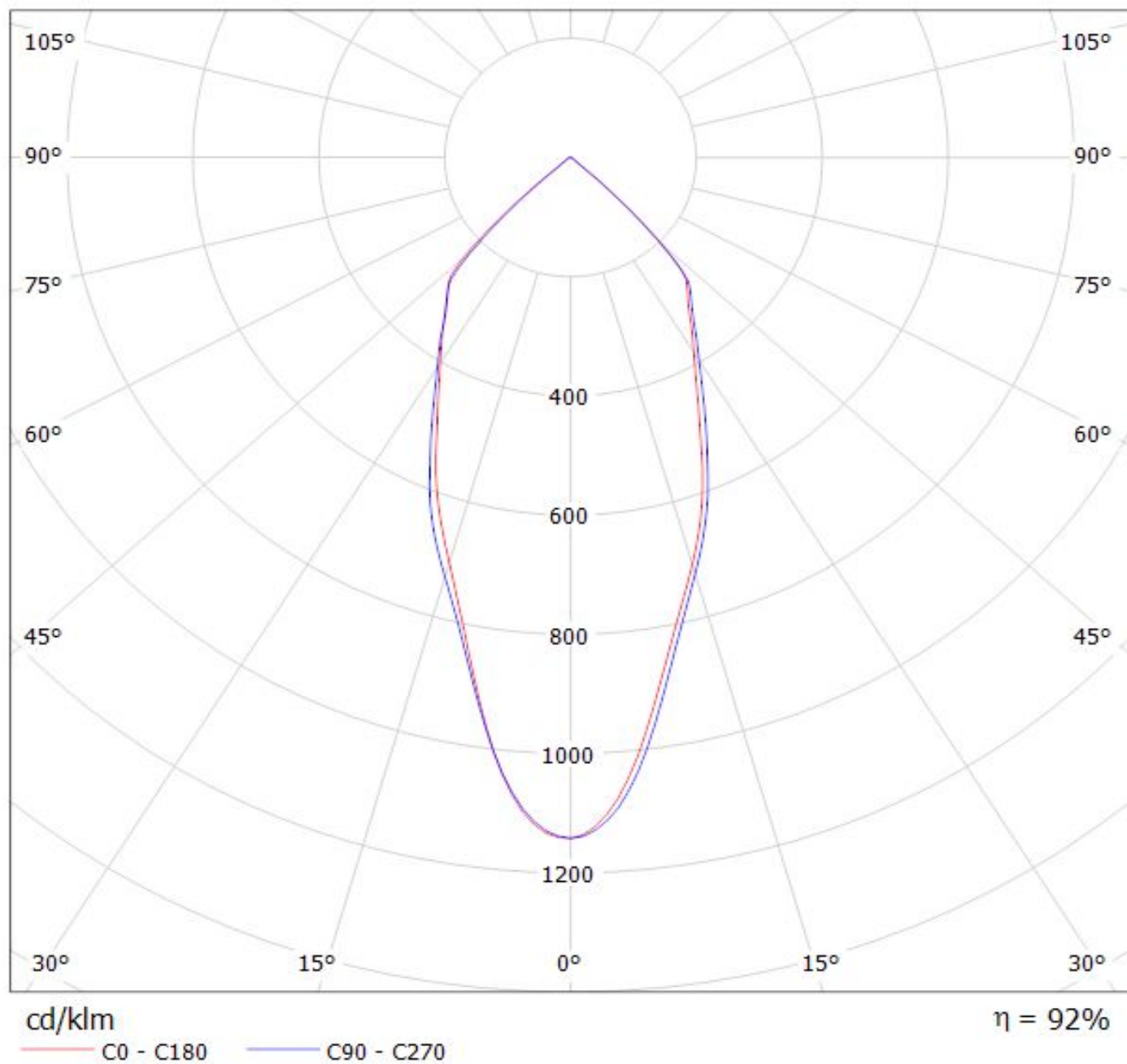
LEDiL Oy C13402_ANGELINA-W_(LUXEON_K12) Eff.94.0% / LDC (Polar)

Luminaire: LEDiL Oy C13402_ANGELINA-W_(LUXEON_K12) Eff.94.0%

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



Luminaire: LEDiL Oy F13402_ANGELINA-W_(Fortimo LED SLM L13 G4)
Lamps: 1 x Fortimo LED SLM L13 G4_1110.38lm@250mA_P=8.38454W_I=0.2498A

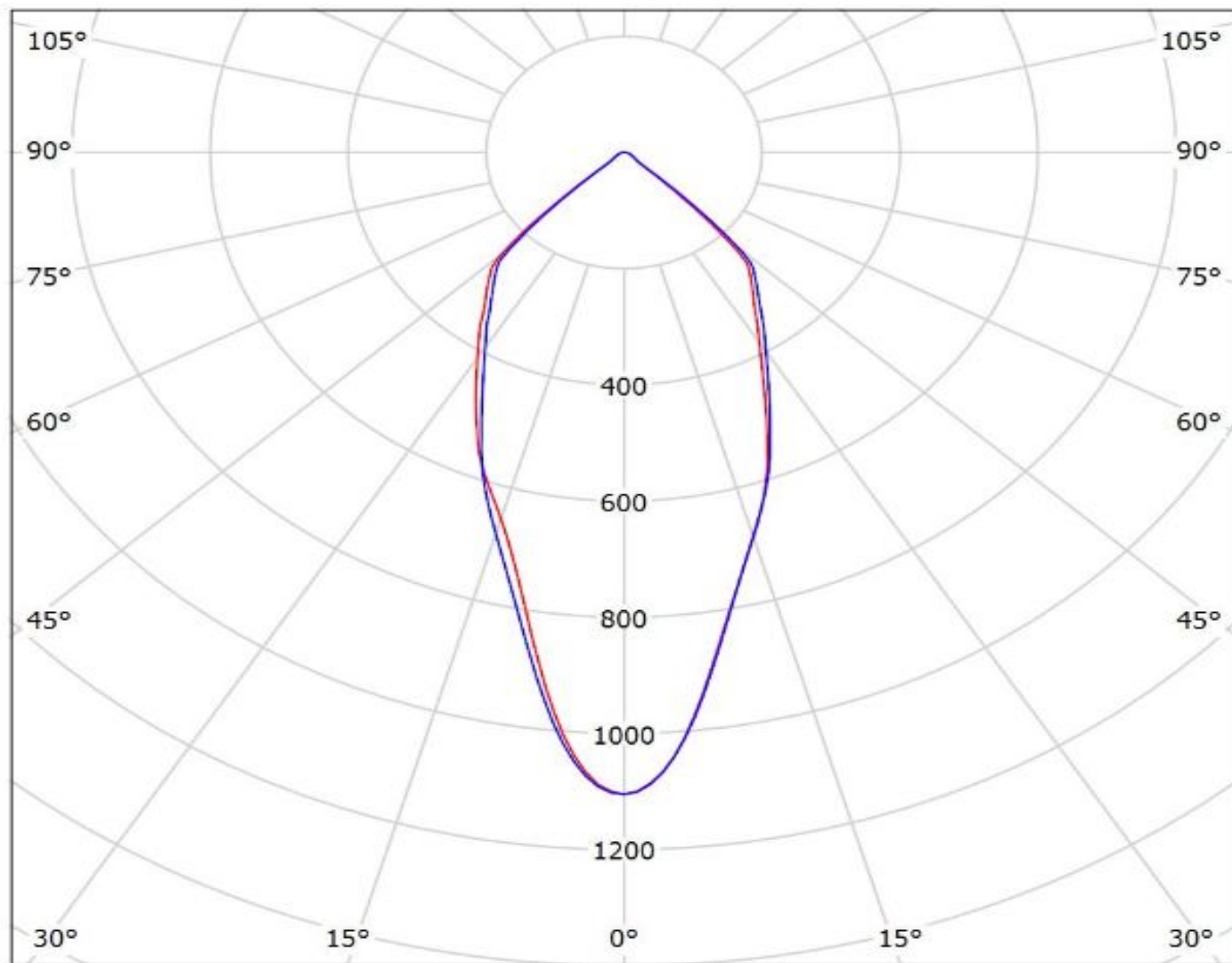


Ledil F13402_ANGELINA-W_(CLU720) / LDC (Polar)

Luminaire: Ledil F13402_ANGELINA-W_(CLU720)

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

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



cd/klm

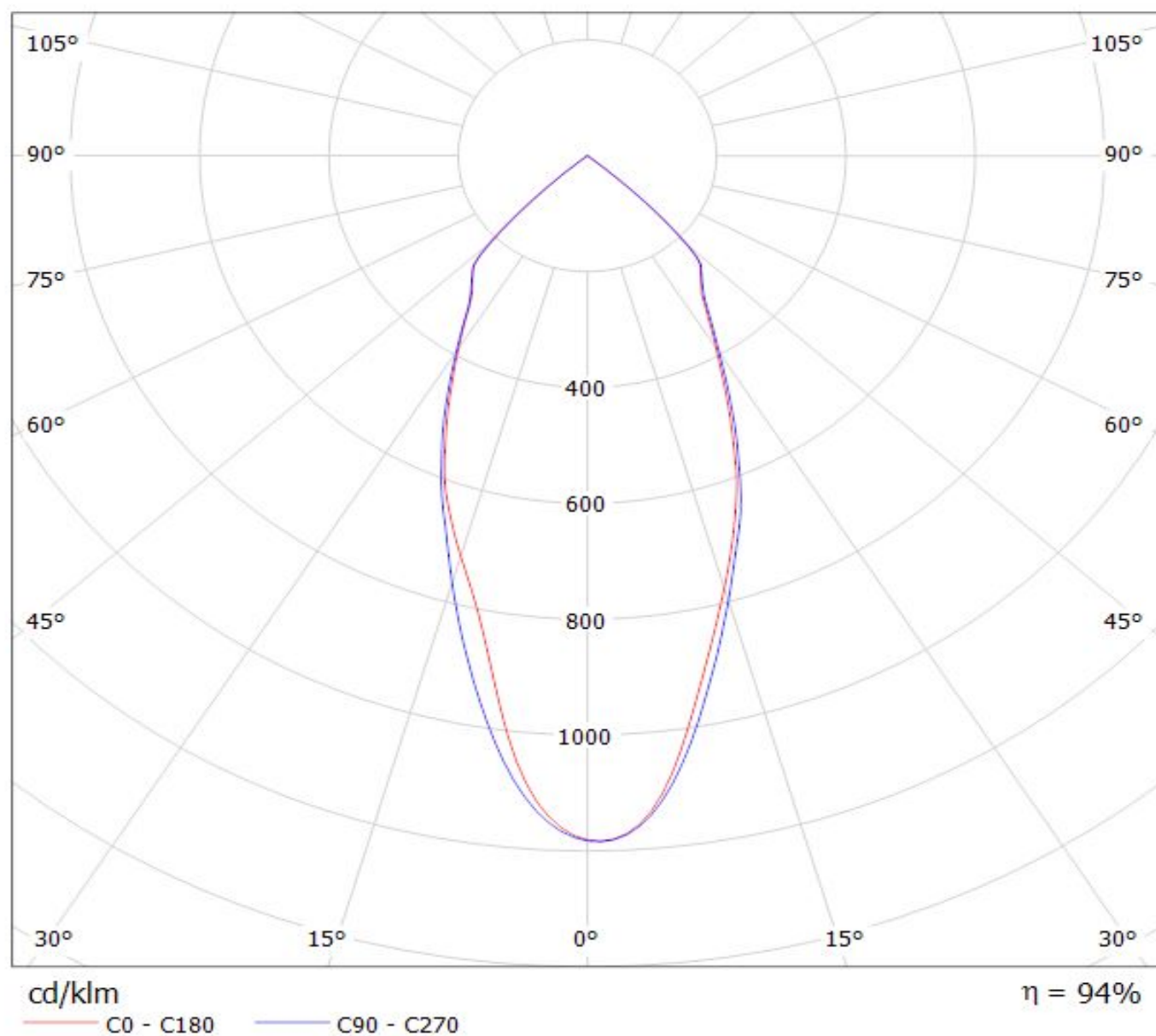
— C0 - C180

— C90 - C270

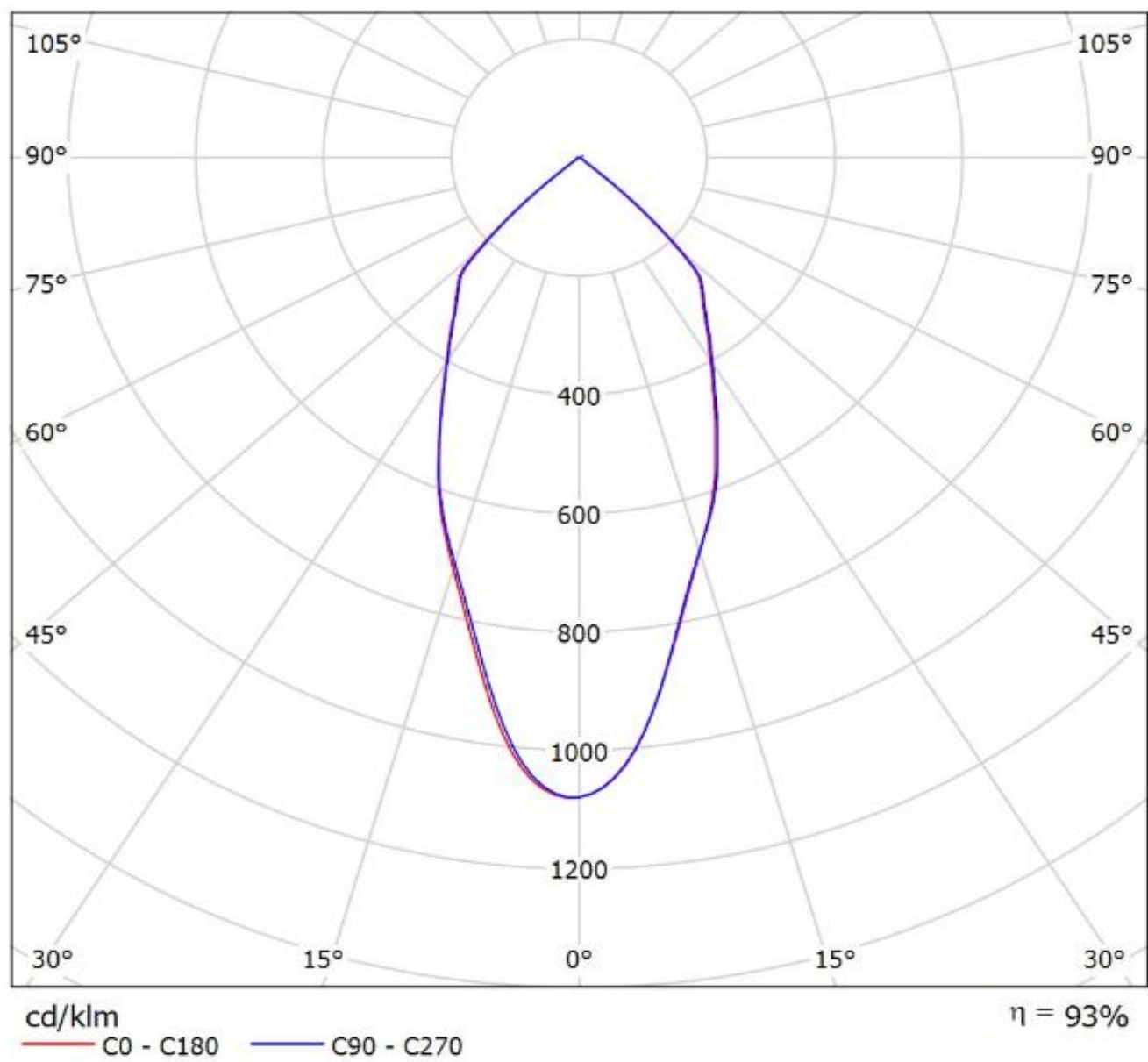
$\eta = 94\%$

Luminaire: LEDiL Oy F13402_ANGELINA-W_(LUXEON_CoB_1205) Eff. 94 %

Lamps: 1 x LUXEON CoB 1205 (LHC1-3080-1205) 1082lm@250mA CCT=3000K P=8.3W I=250mA

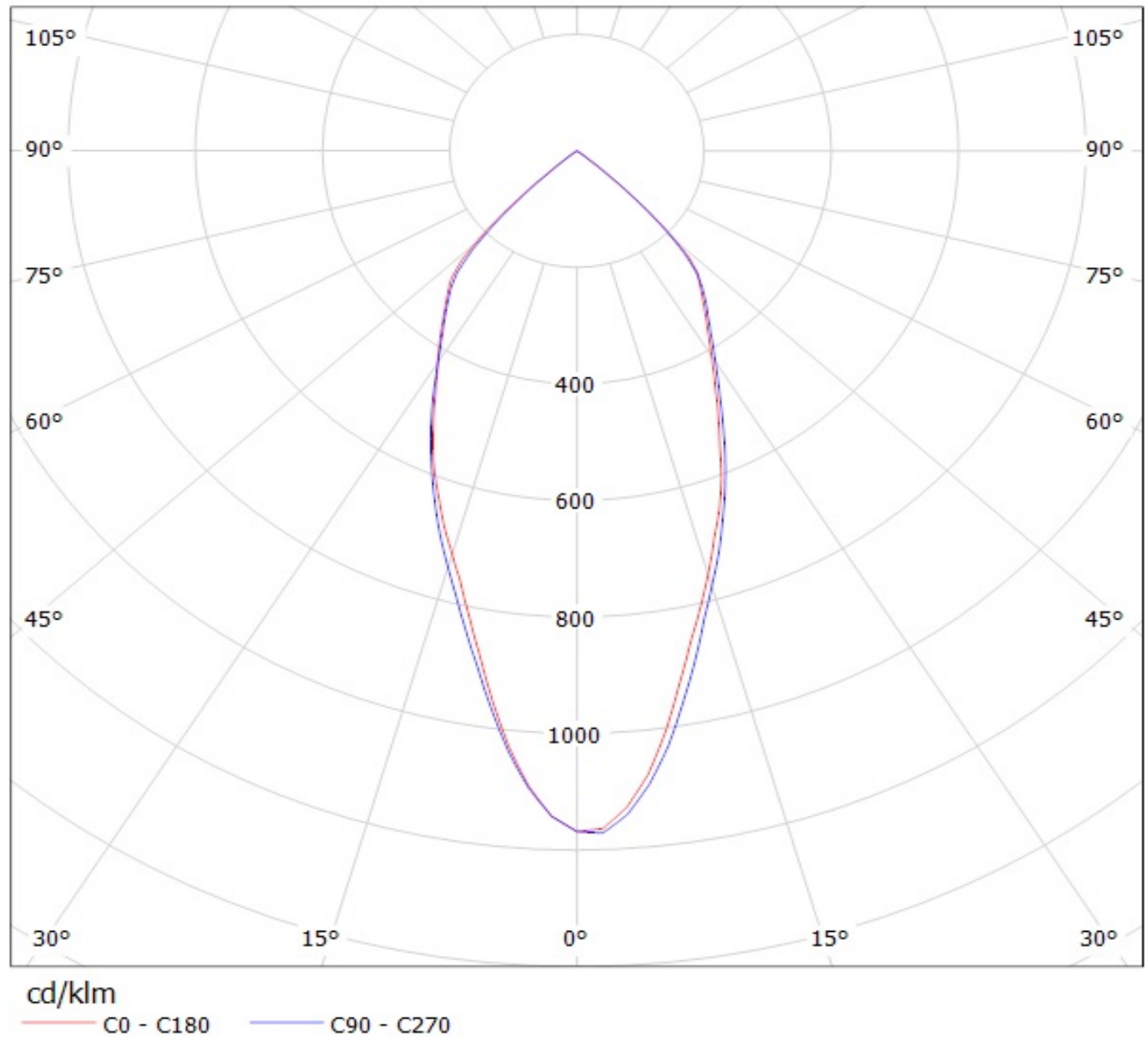


Luminaire: LEDiL Oy F13402_ANGELINA-W_(SOLERIQ_P13)
Lamps: 1 x SOLERIQ_P13_(GW_MAGMB1.EM)_1038.25lm@250mA_CCT=3000K_P=8.77223W_I=249.8mA

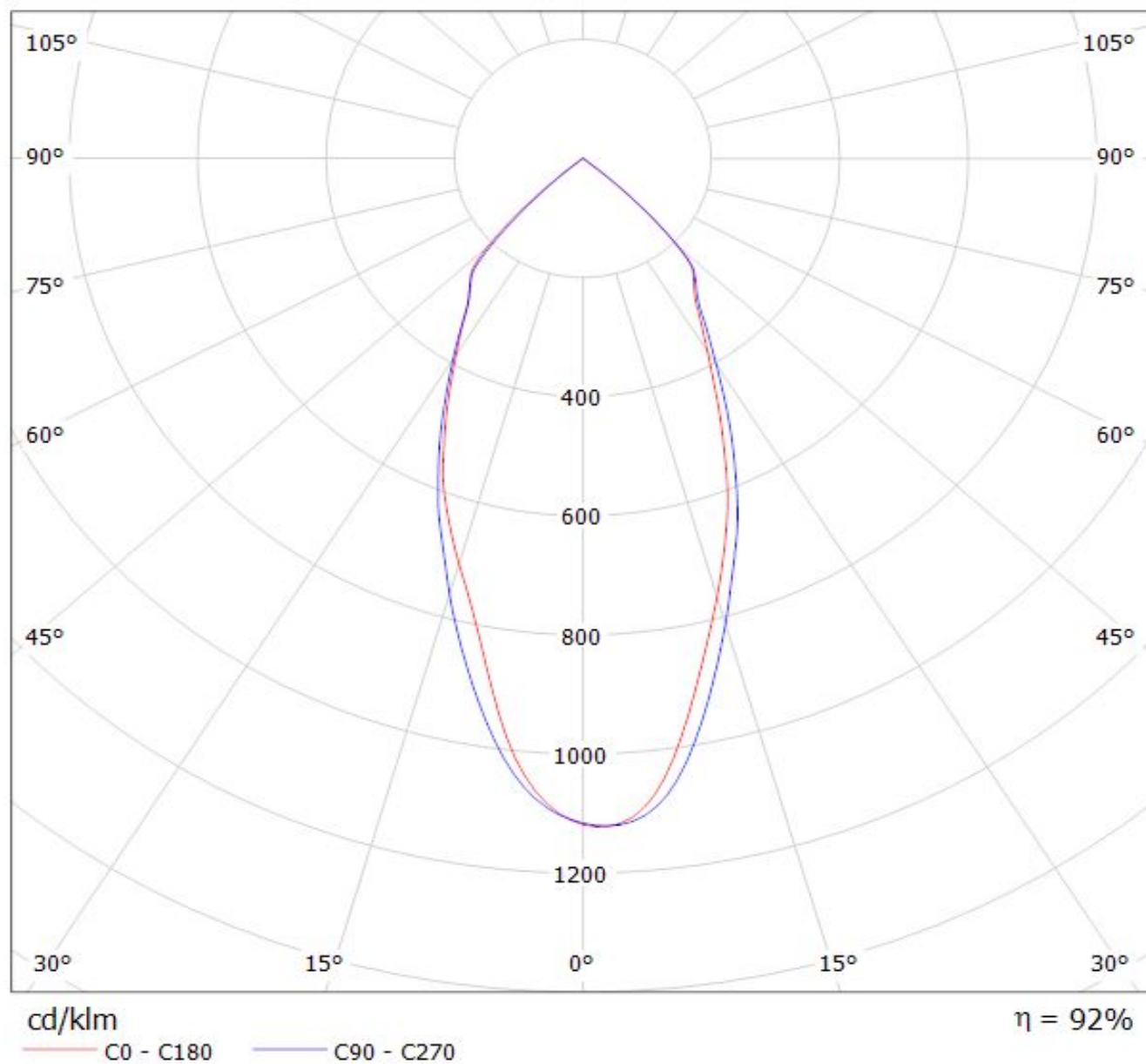


Luminaire: LEDil Oy F13402_ANGELINA-W_(Soleriq_S13) Efficiency=94%

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

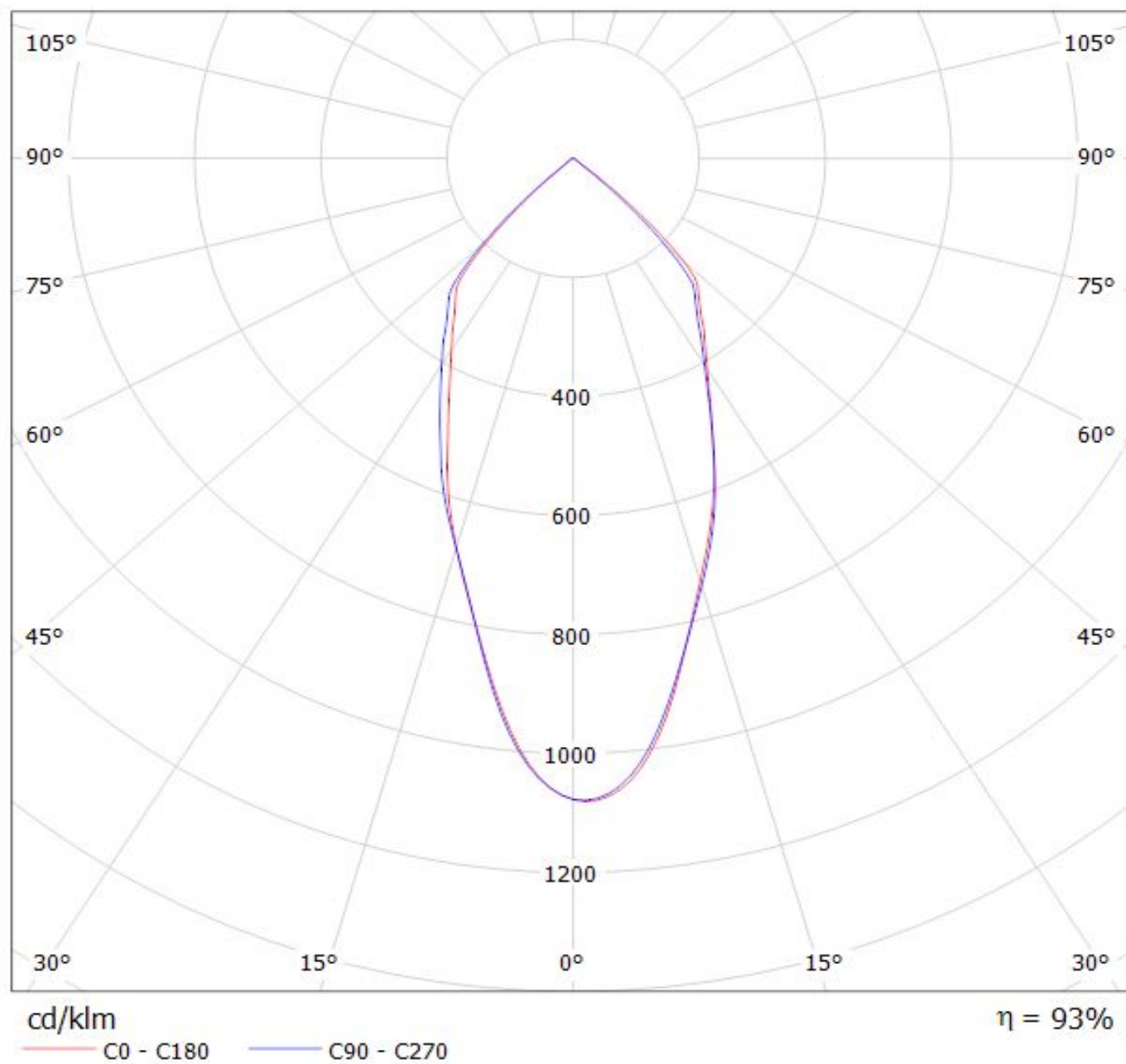


Luminaire: LEDiL Oy F13402_ANGELINA-W_(MegaZenigata) Eff.92.3%
Lamps: 1 x MegaZenigata_GW6DME (518.495lm@100mA)



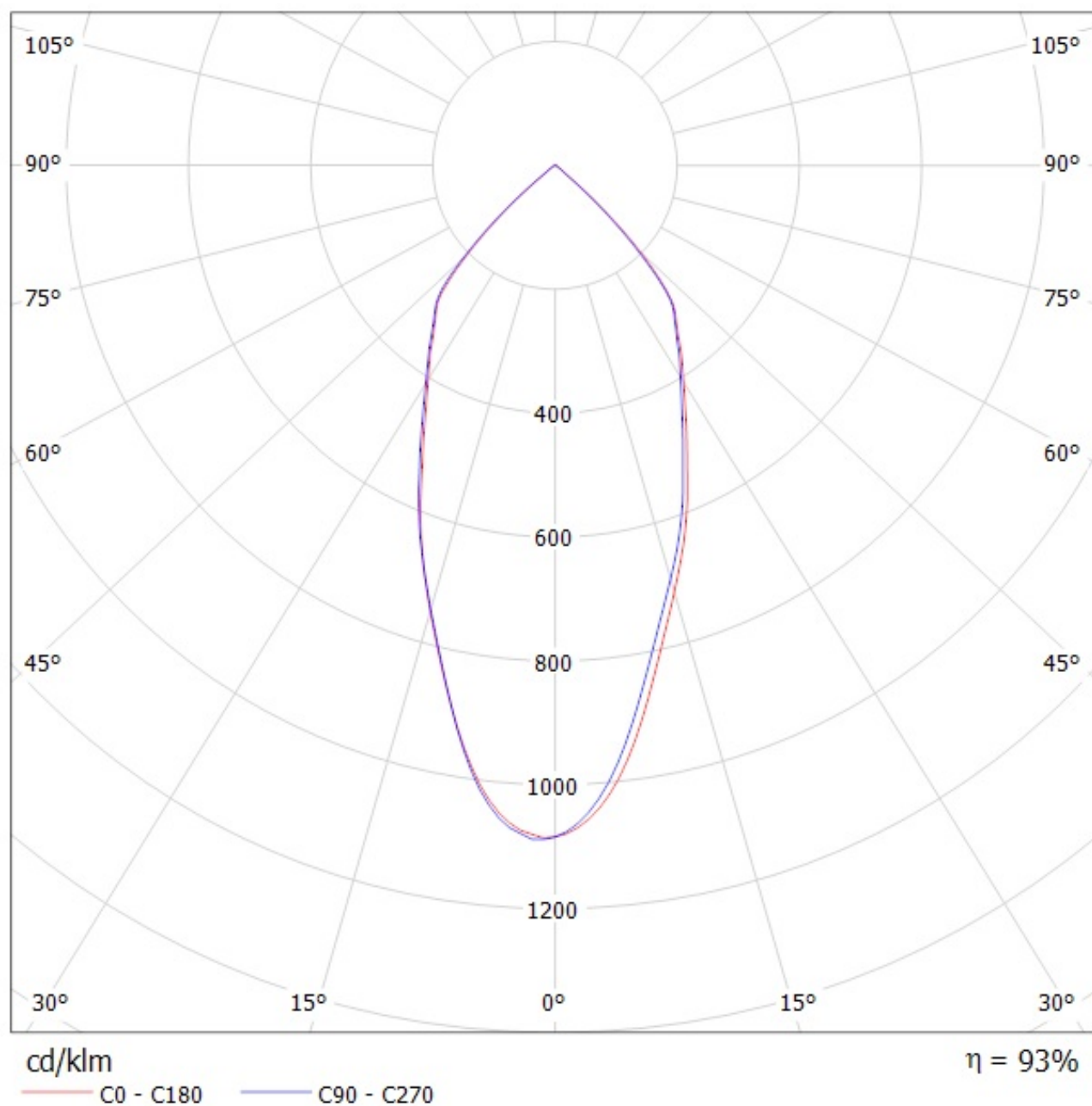
Luminaire: LEDiL Oy F13402_ANGELINA-W_(Fortimo LED SLM L15 G4)

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



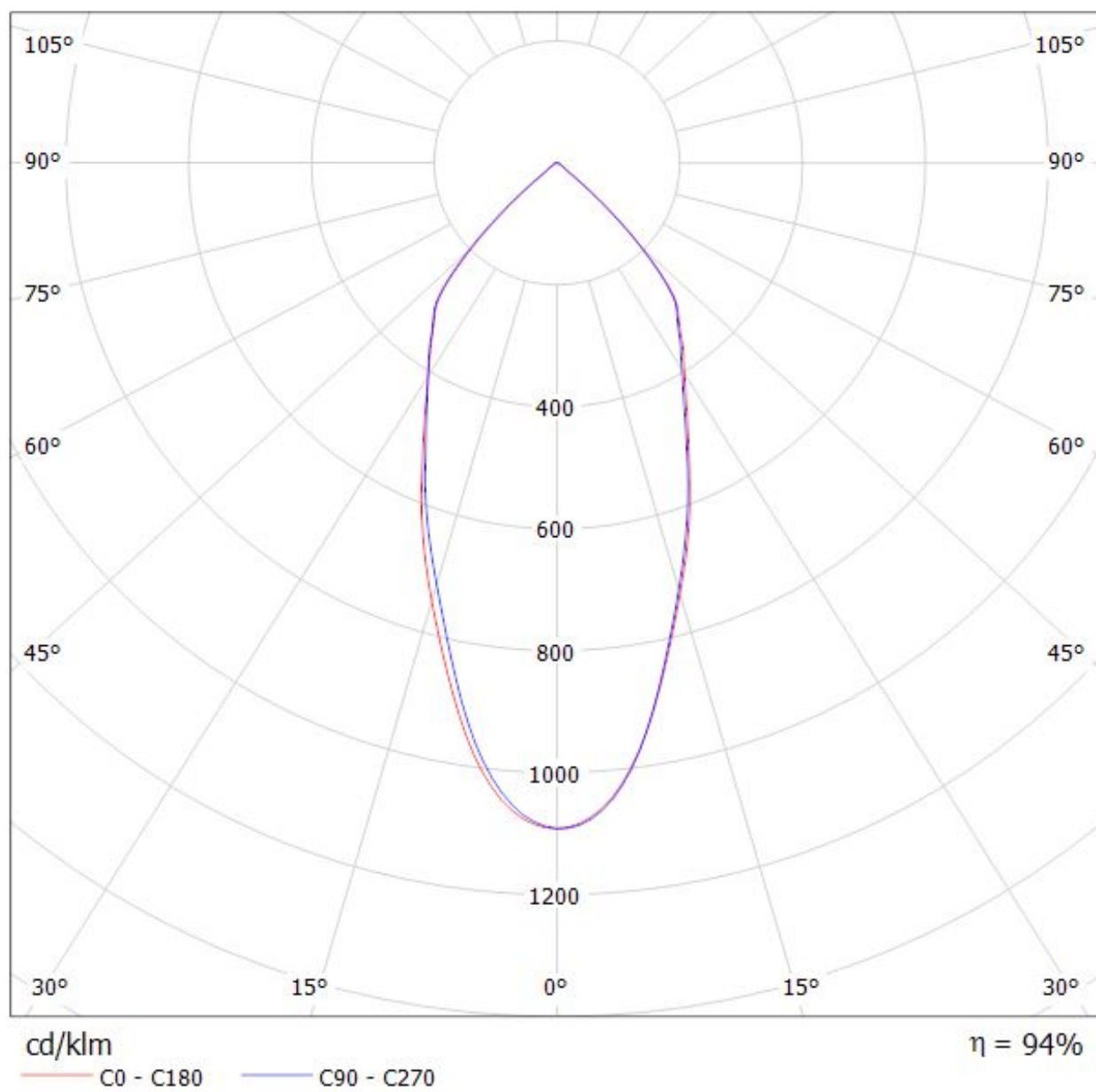
Luminaire: LEDiL Oy F13402_ANGELINA-W_(PrevaLED_Z4) Eff: 93%

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



Luminaire: LEDiL Oy F13402_ANGELINA-W_(CXA25) Eff.93.9%

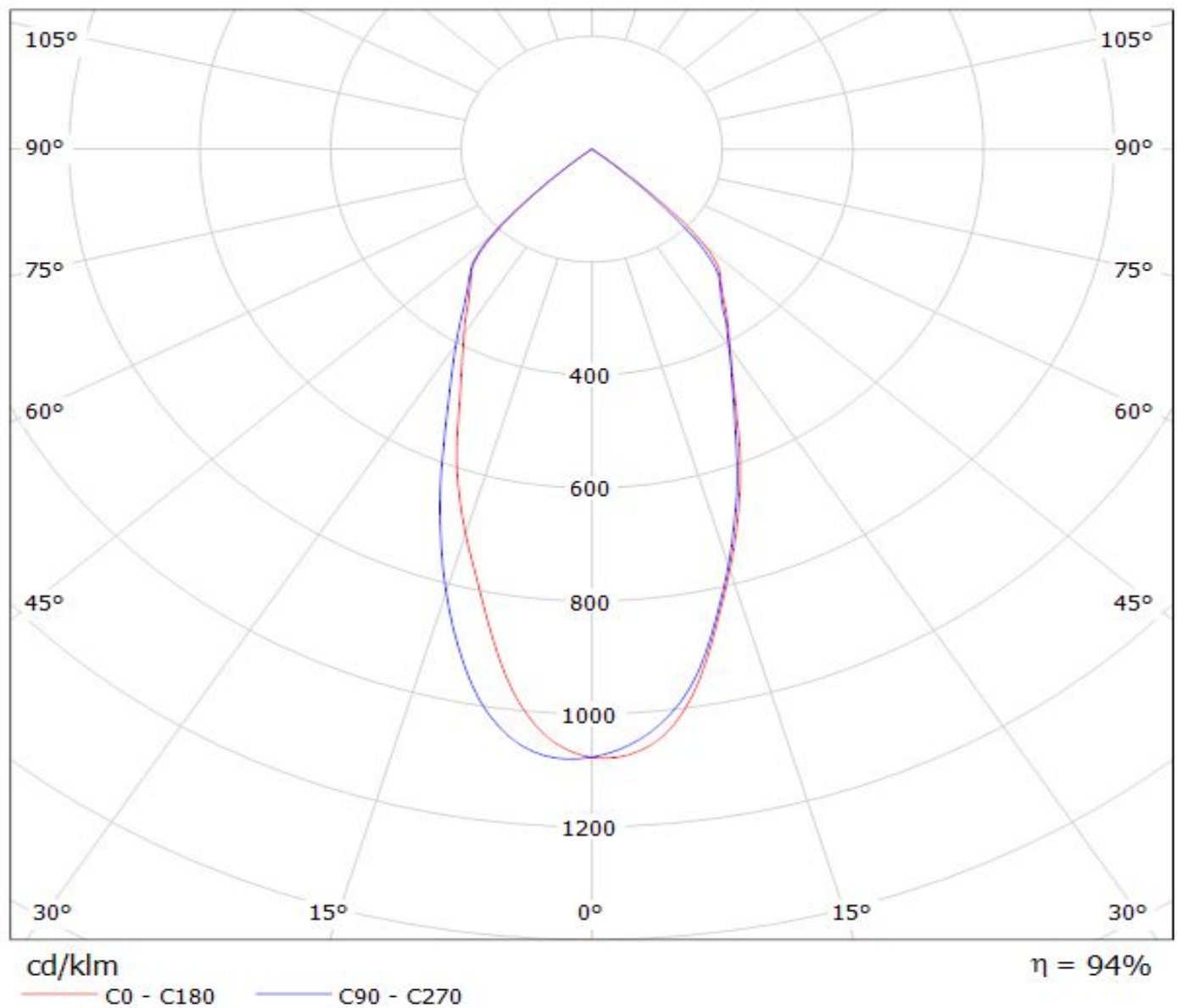
Lamps: 1 x CREE_CXA25_(CXA2530-7C0-T2-N0H)_1151.98lm@250mA_CCT=3000K_P=8.4892W_I=249.8mA



LEDiL Oy C13402_ANGELINA-W_(LUXEON_K16) Eff.93.7% / LDC (Polar)

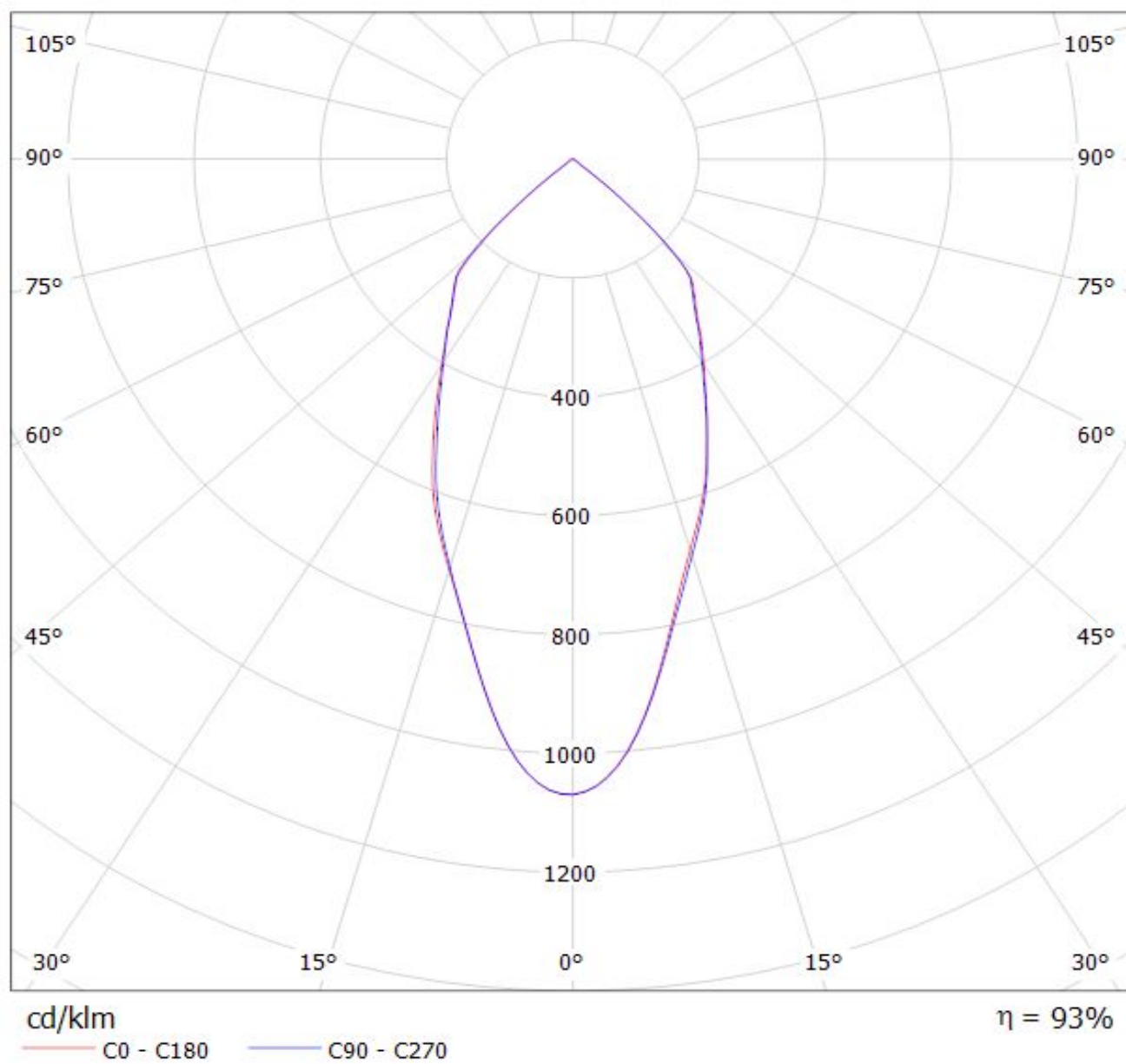
Luminaire: LEDiL Oy C13402_ANGELINA-W_(LUXEON_K16) Eff.93.7%

Lamps: 1 x LUXEON_K16 (1204.33lm@250mA)

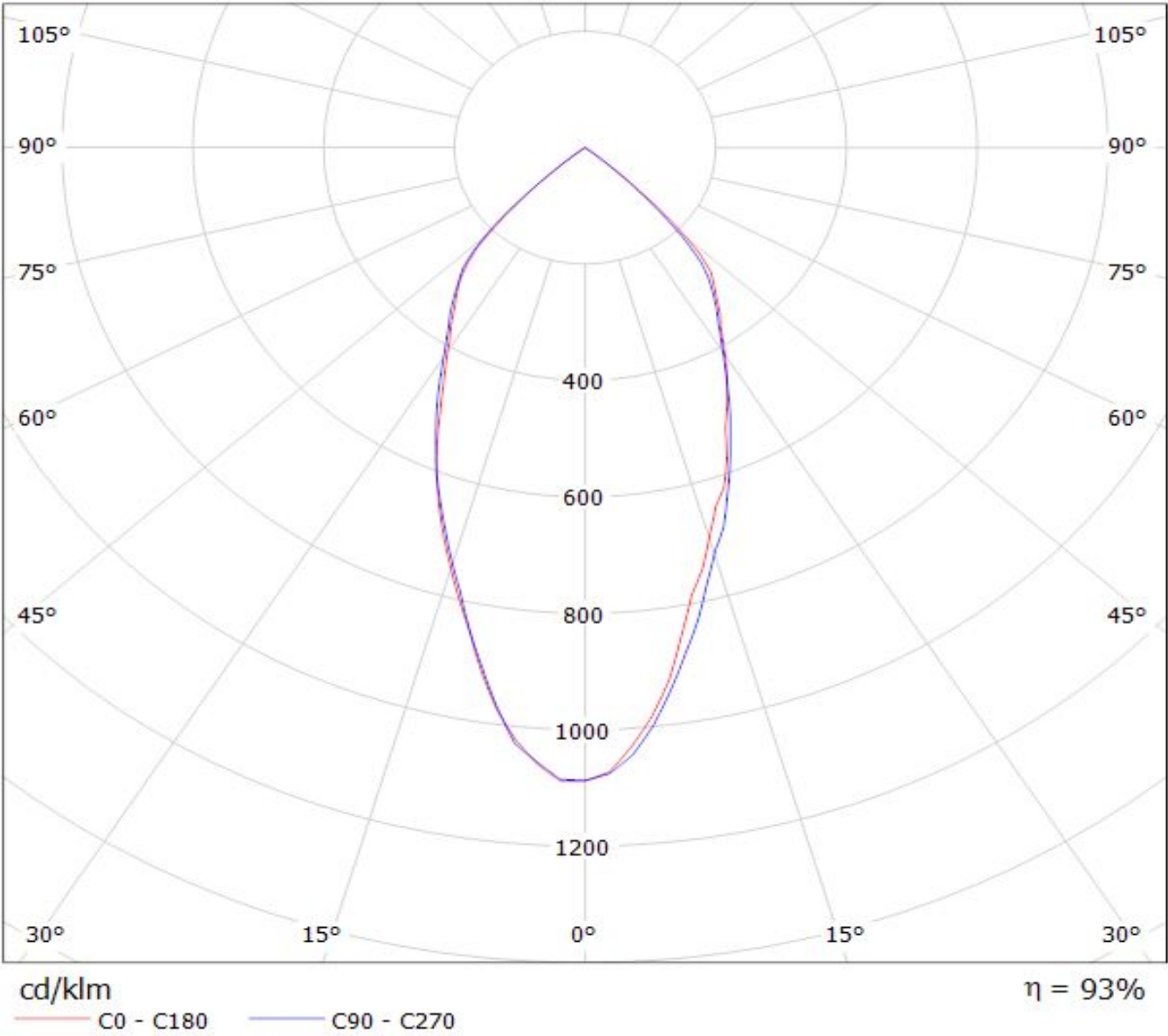


Luminaire: LEDiL Oy F13402_ANGELINA-W_(CXM-14)

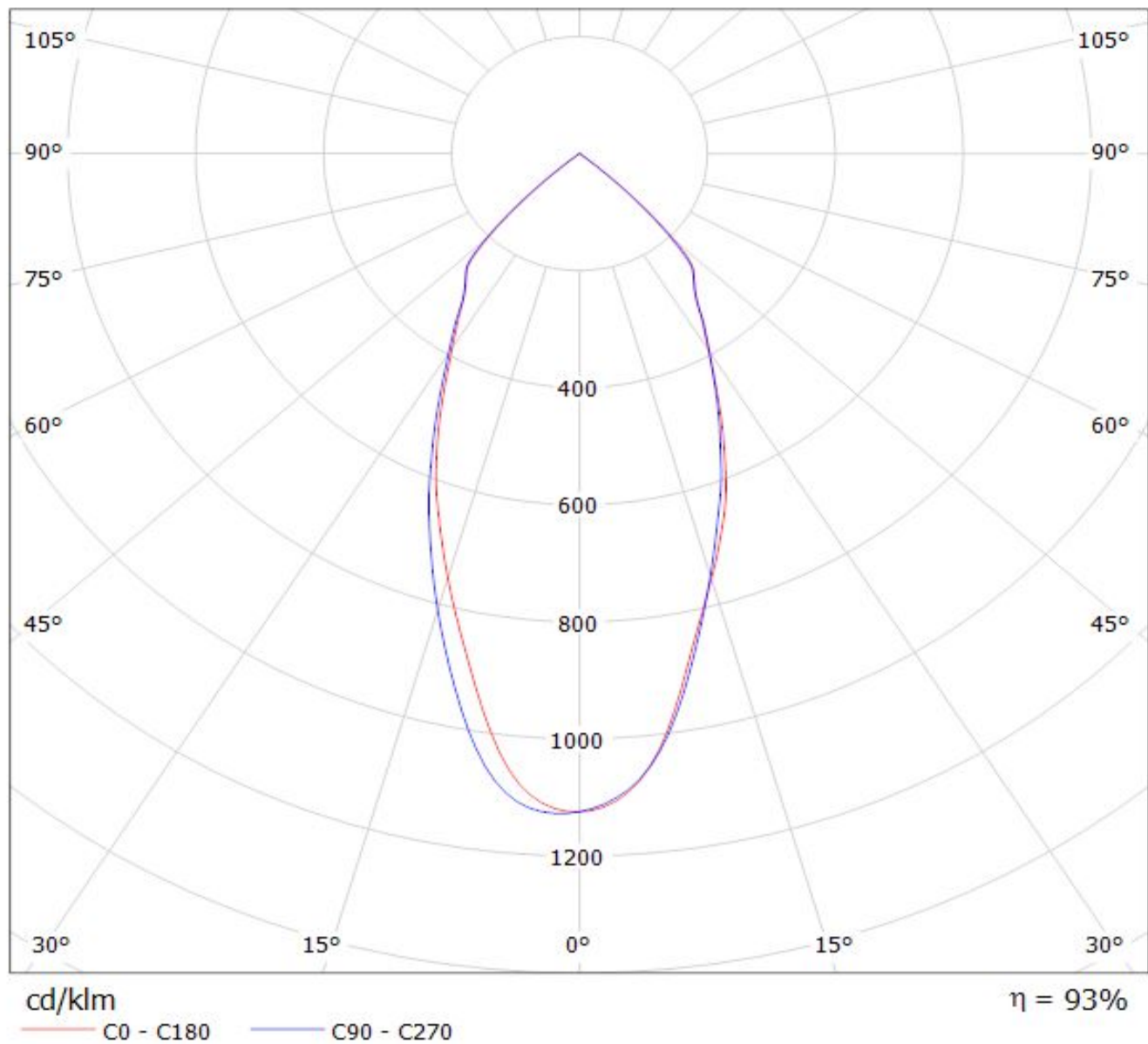
Lamps: 1 x LUMINUS_CXM-14_1114.36lm@250mA_P=8.36106W_I=249.8mA



Luminaire: LEDiL F13402_ANGELINA-W
Lamps: 1 x CLL030 740lm@250mA (CLL030-1205A5-303H1A7) CCT:3000K P:8.6W

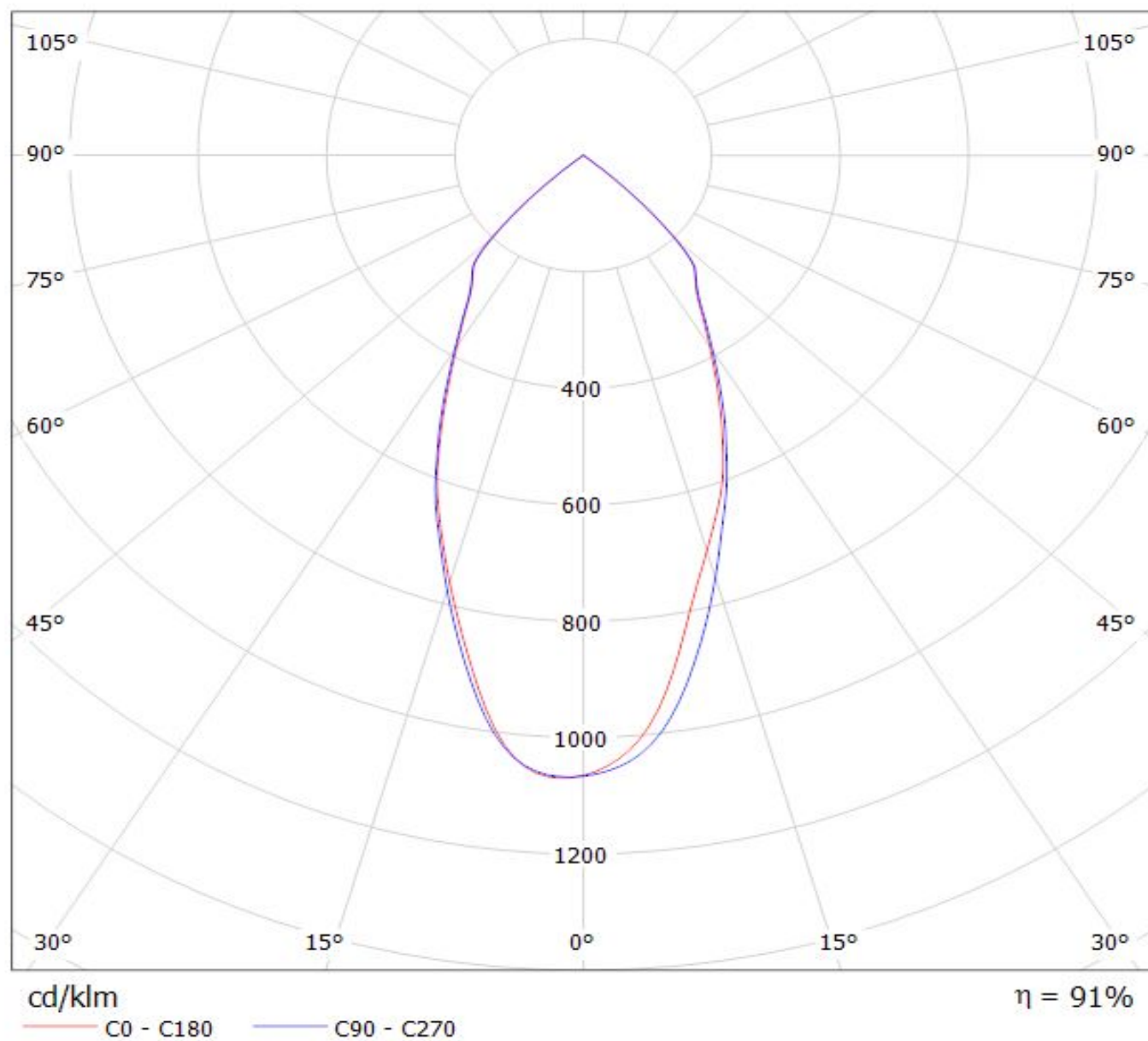


Luminaire: LEDiL Oy F13402_ANGELINA-W_(Luxeon-CoB-1208) Eff: 93 %
Lamps: 1 x Luxeon CoB 1208 (LHC1-3080-1208) 1029lm@250mA CCT=3000K P=8.2W I=250mA



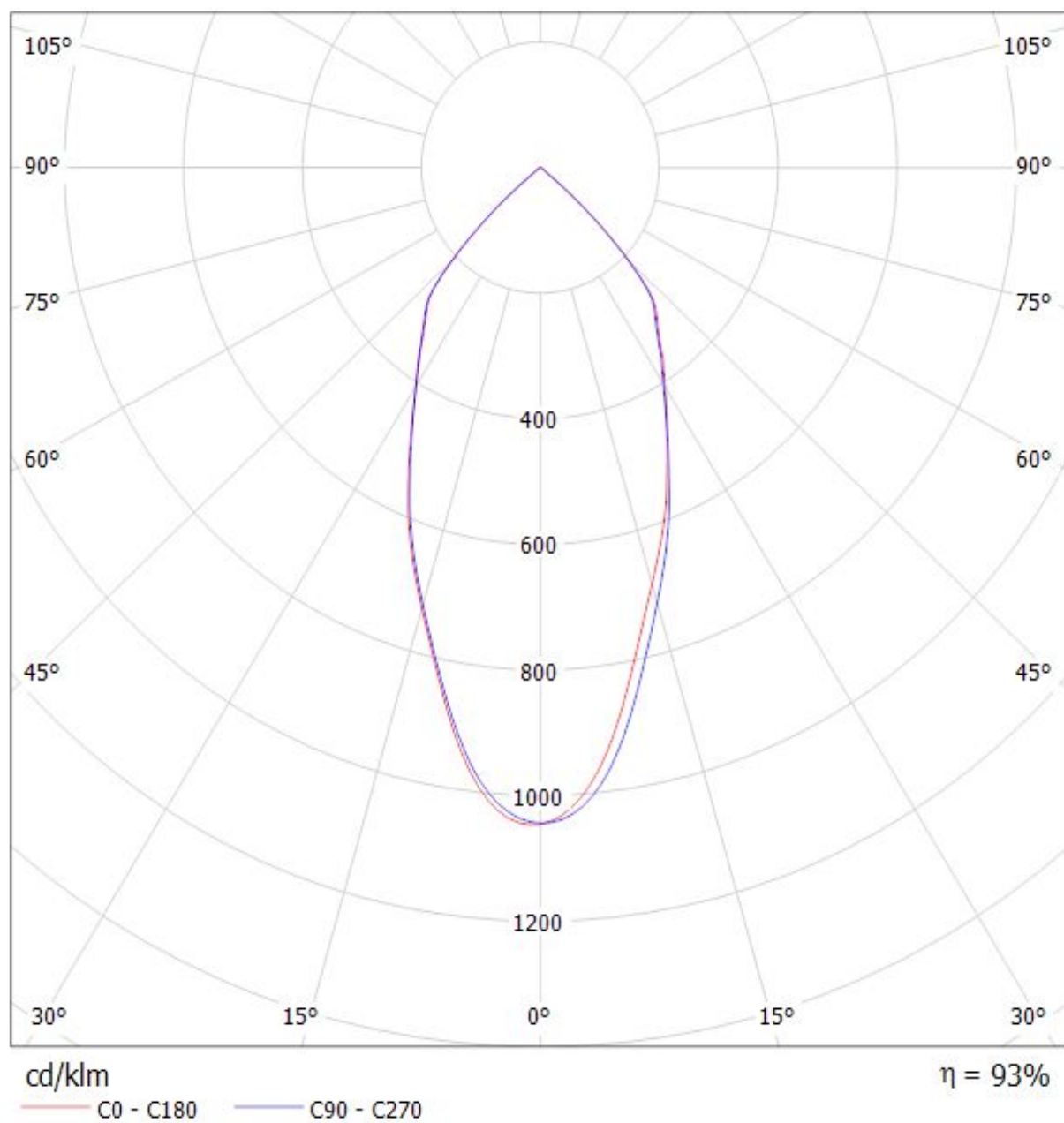
Luminaire: LEDiL Oy F13402_ANGELINA-W_(STARK_SLE_G2_LES19) Eff.91.5%

Lamps: 1 x TRIDONIC STARK SLE G2 LES19 830 CLA 964.643lm@250mA CCT=3000K P=8W I=250mA

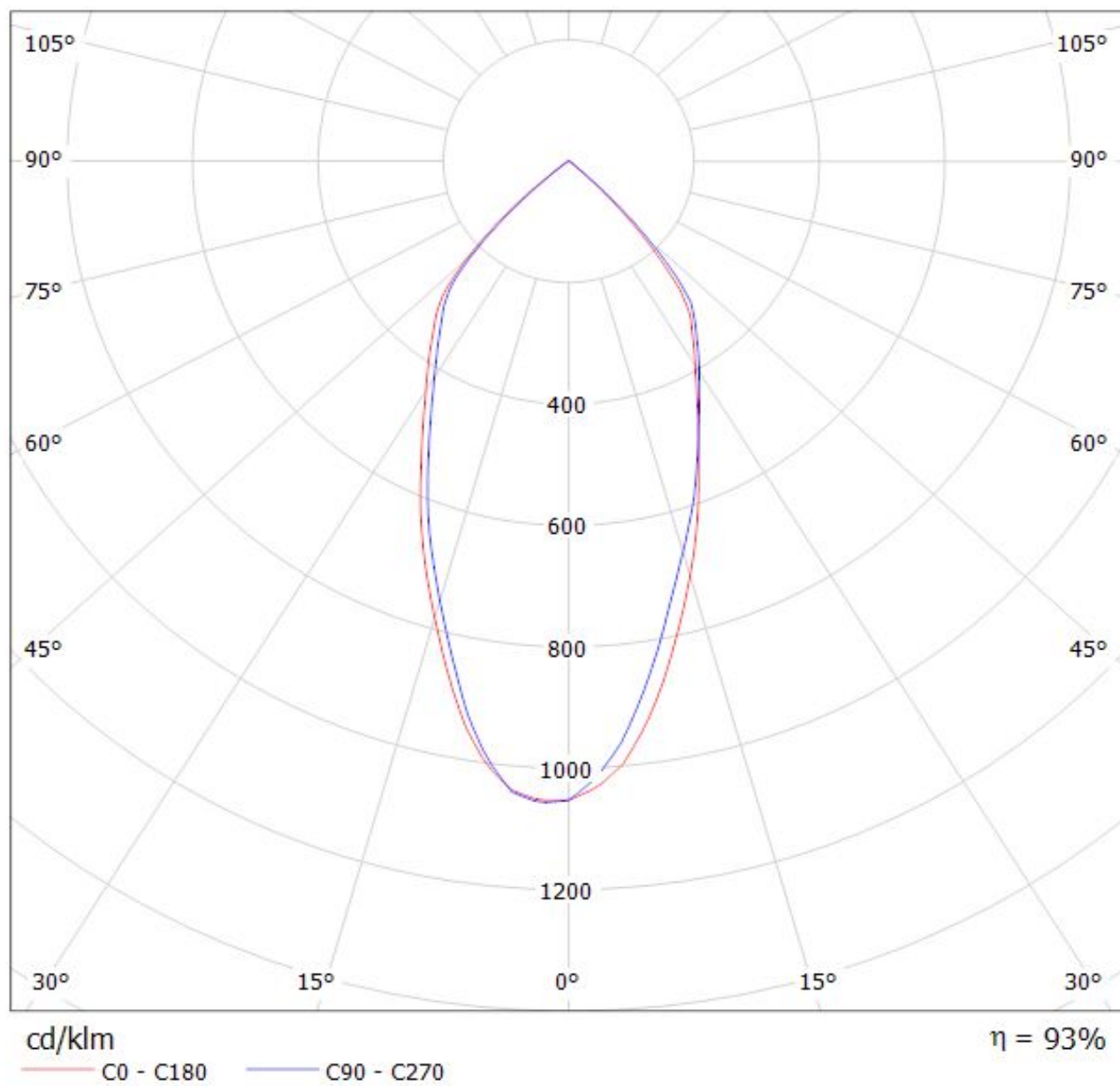


Luminaire: LEDiL Oy F13402_ANGELINA-W_(SOLERIQ_S19_&_TE_2213407-2)

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

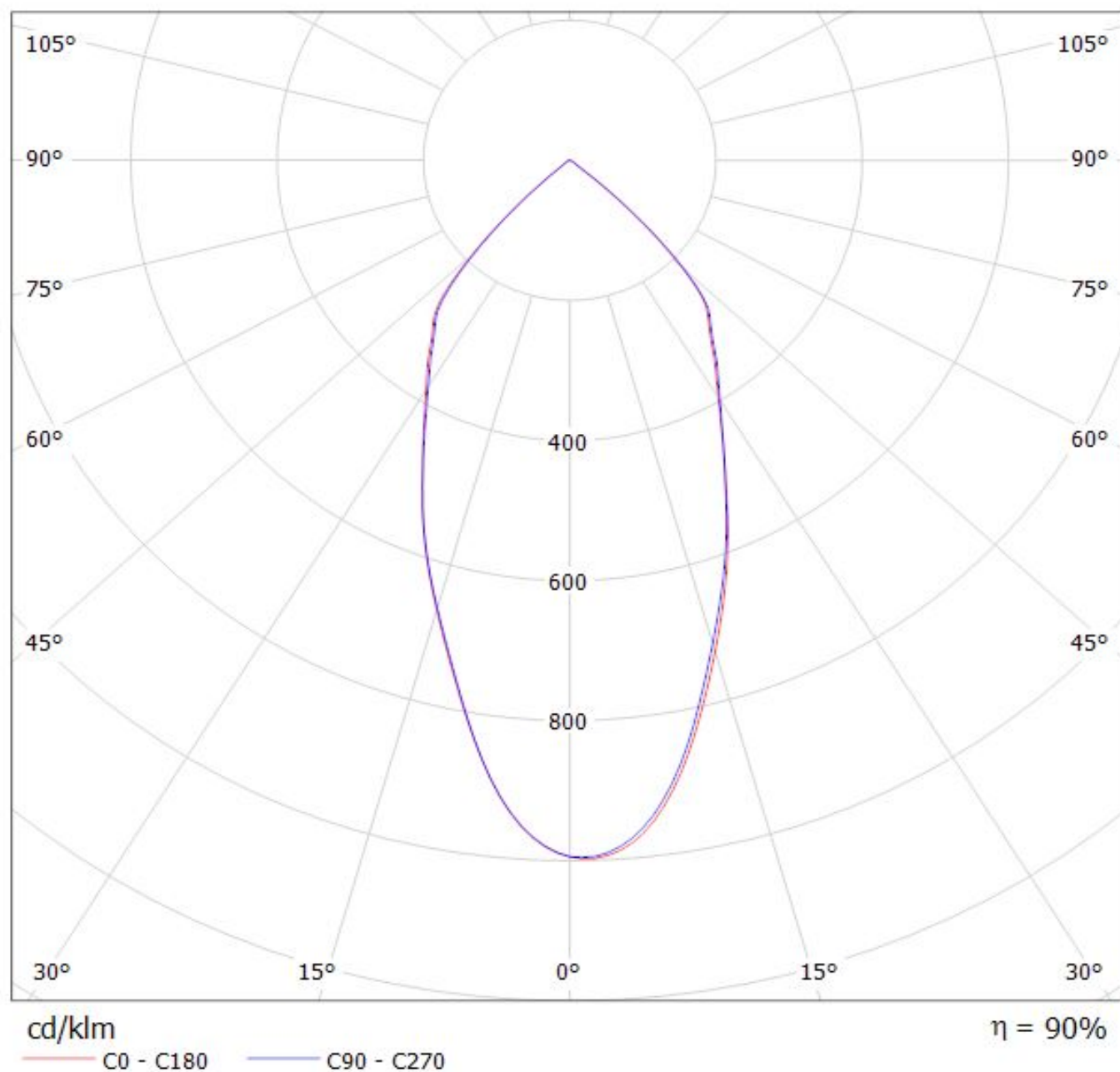


Luminaire: LEDiL Oy F13402_ANGELINA-W_(LEP-2000-827-C-AC)
Lamps: 1 x OSRAM PrevaLED Core AC (LEP-2000-827-C-AC)



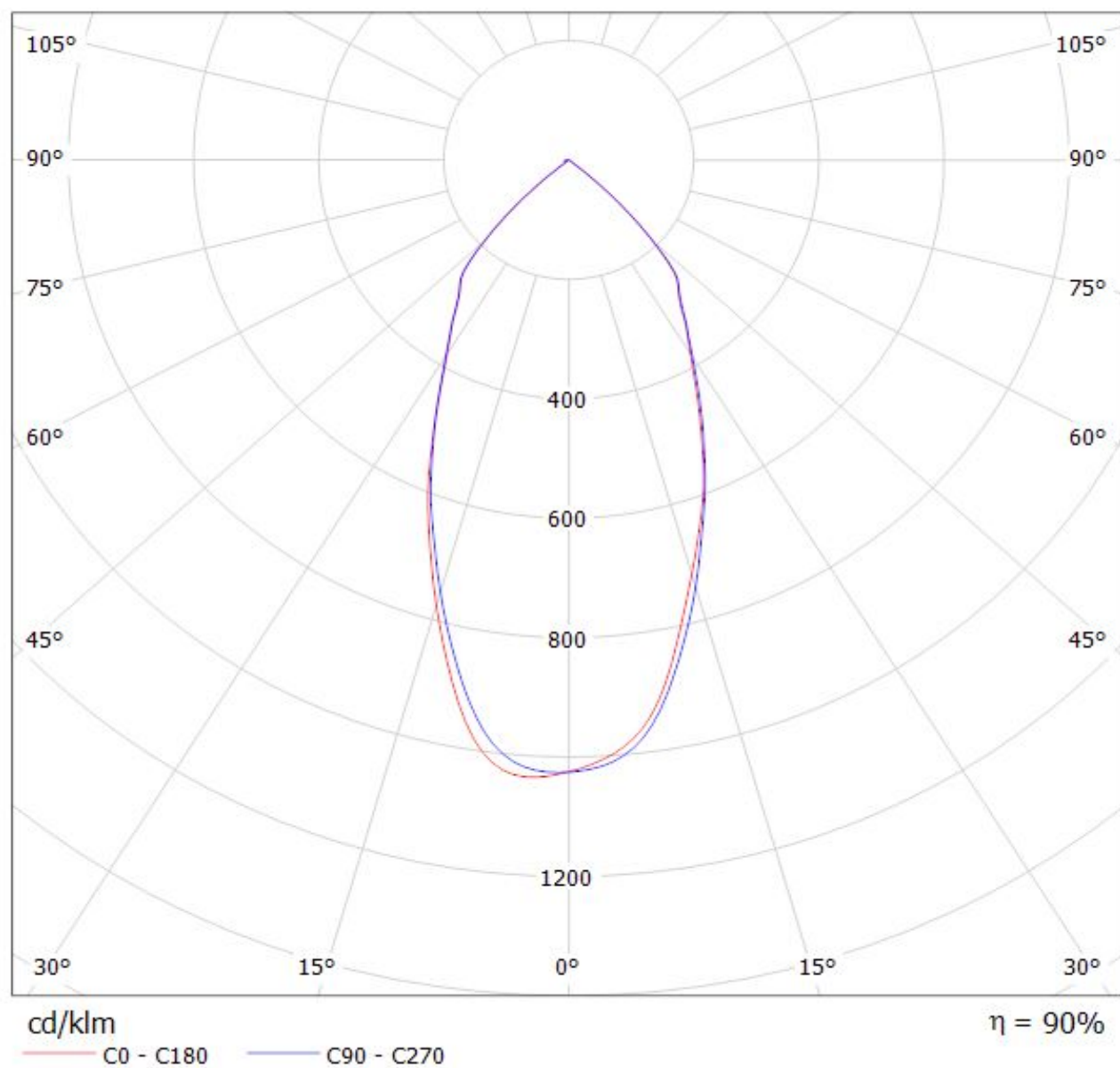
Luminaire: LEDiL Oy F13402_ANGELINA-W_(SLE GEN4 LES19)

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



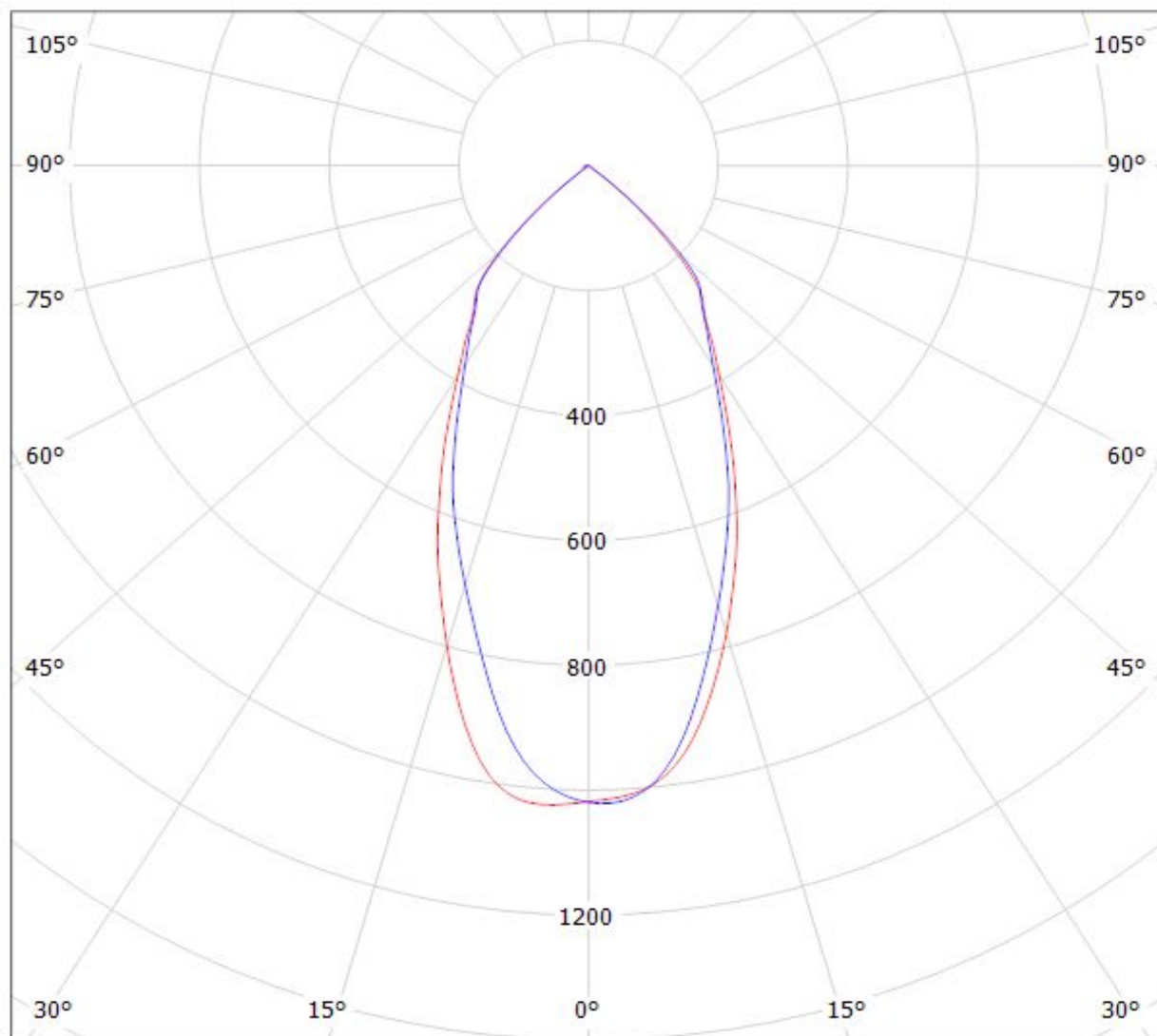
Luminaire: LEDiL Oy F13402_ANGELINA-W_(FORTIMO_2000) Eff.90.5%

Lamps: 1 x PHILIPS Fortimo LED SLM 3000 28W/830 L19 G3 665.774lm@250mA CCT=3000K P=6W I=250mA



Luminaire: LEDiL Oy F13402_ANGELINA-W_(FORTIMO_3000) Eff.90.2%

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



cd/klm

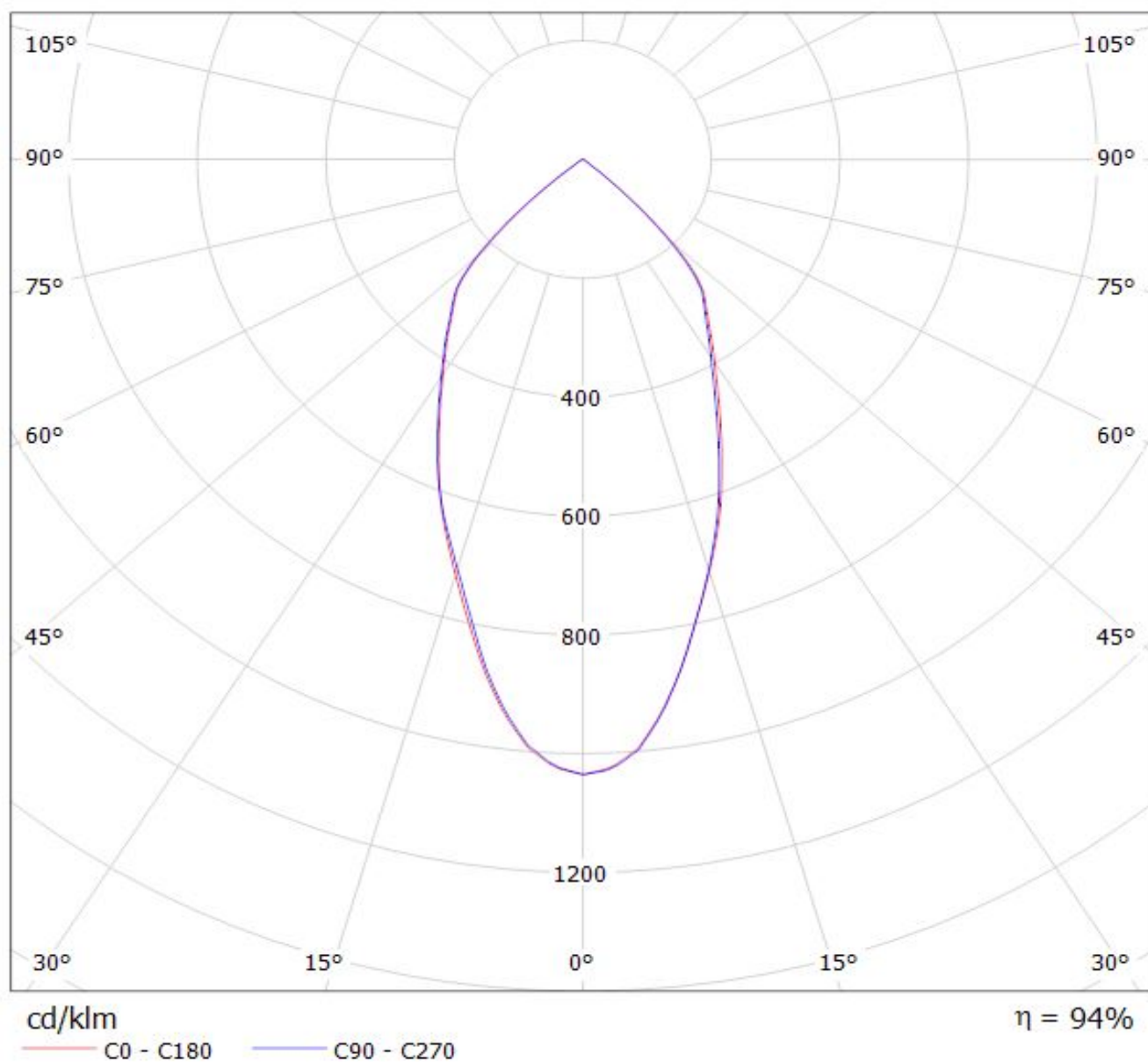
— C0 - C180

— C90 - C270

$\eta = 90\%$

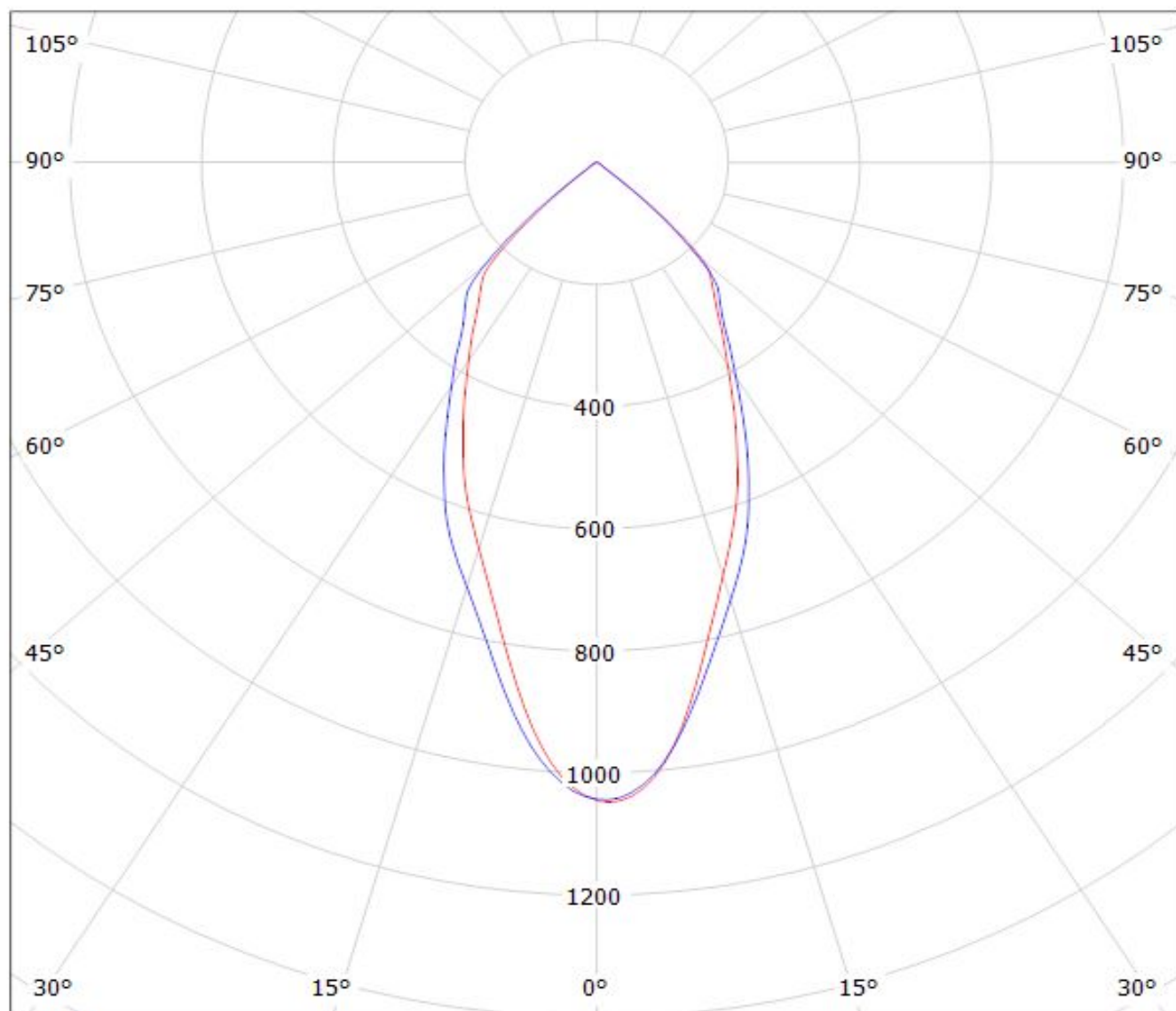
Luminaire: LEDiL Oy F13402_ANGELINA-W_(PrevaLED_LES19)

Lamps: 1 x PrevaLED_LES19_(PL-CORE-2000-830-Z3)_1333.47lm@250mA_P=10.4584W_I=249.8mA



Luminaire: LEDiL Oy F13402_ANGELINA-W_(WU-M-461-827)

Lamps: 1 x Vossloh_WU-M-461-827_773.276lm@250mA_P=6.27423W_I=249.8mA



cd/klm

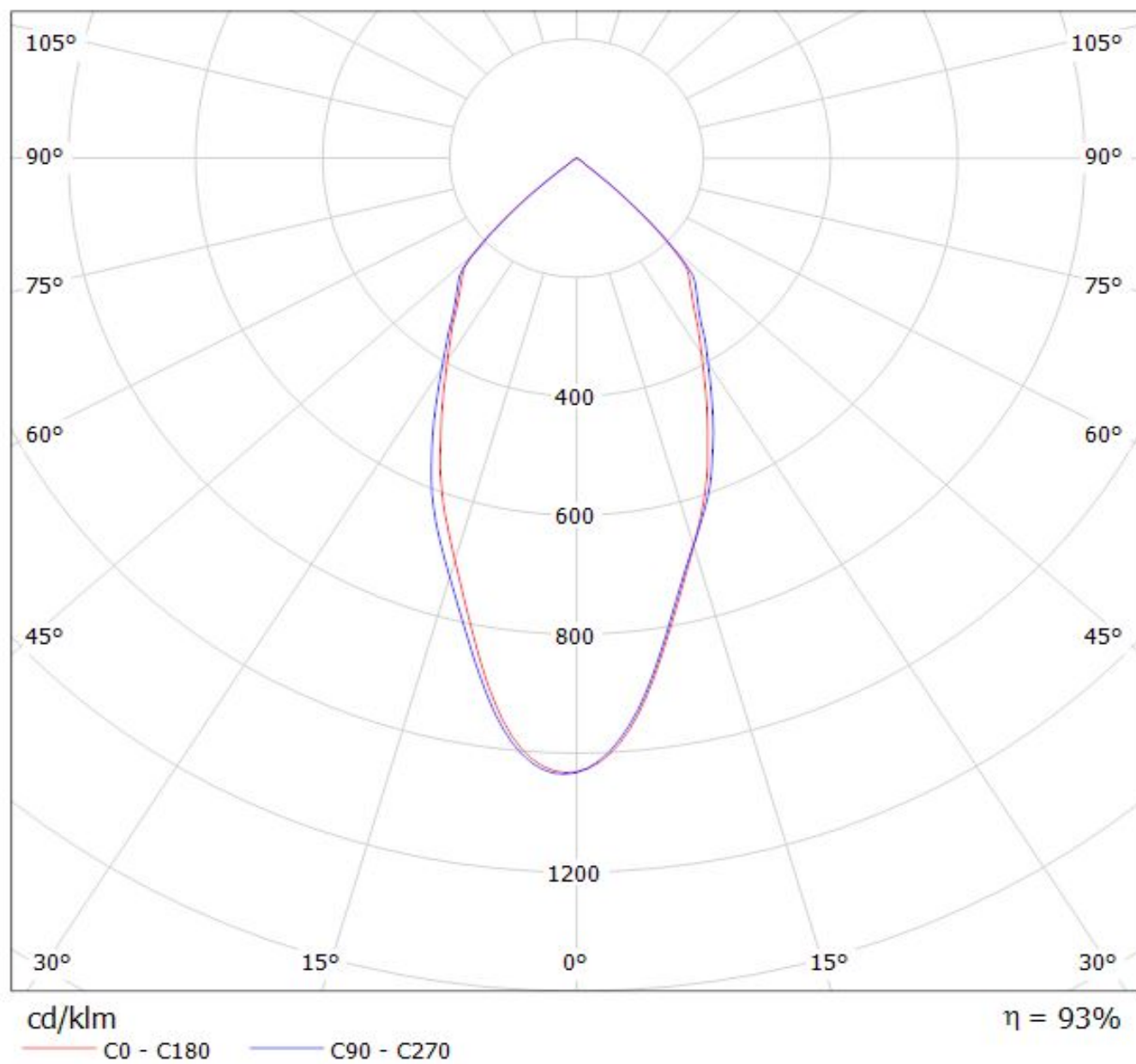
— C0 - C180

— C90 - C270

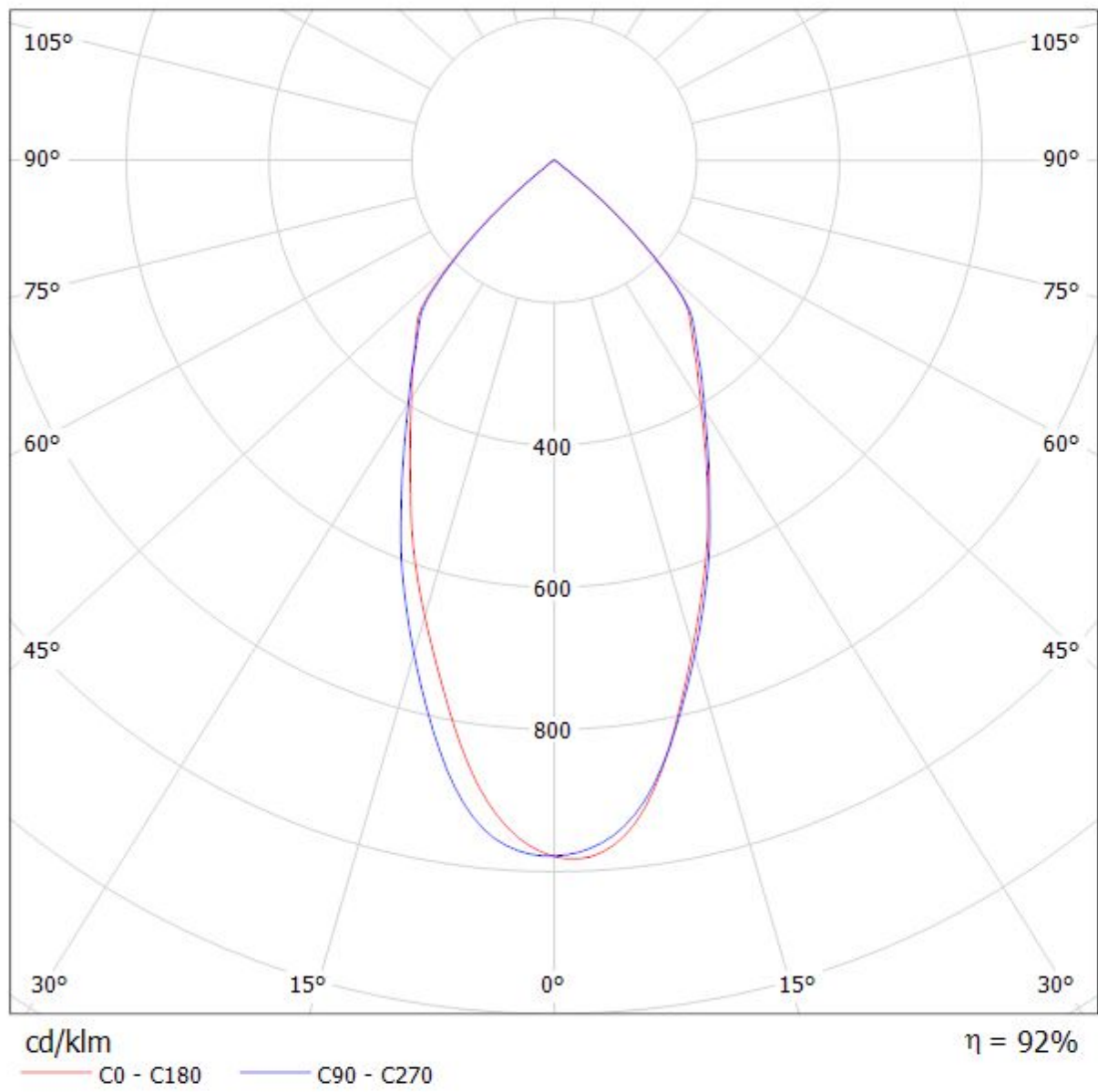
$\eta = 93\%$

Luminaire: LEDiL Oy F13402_ANGELINA-W_(WU-M-484)

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

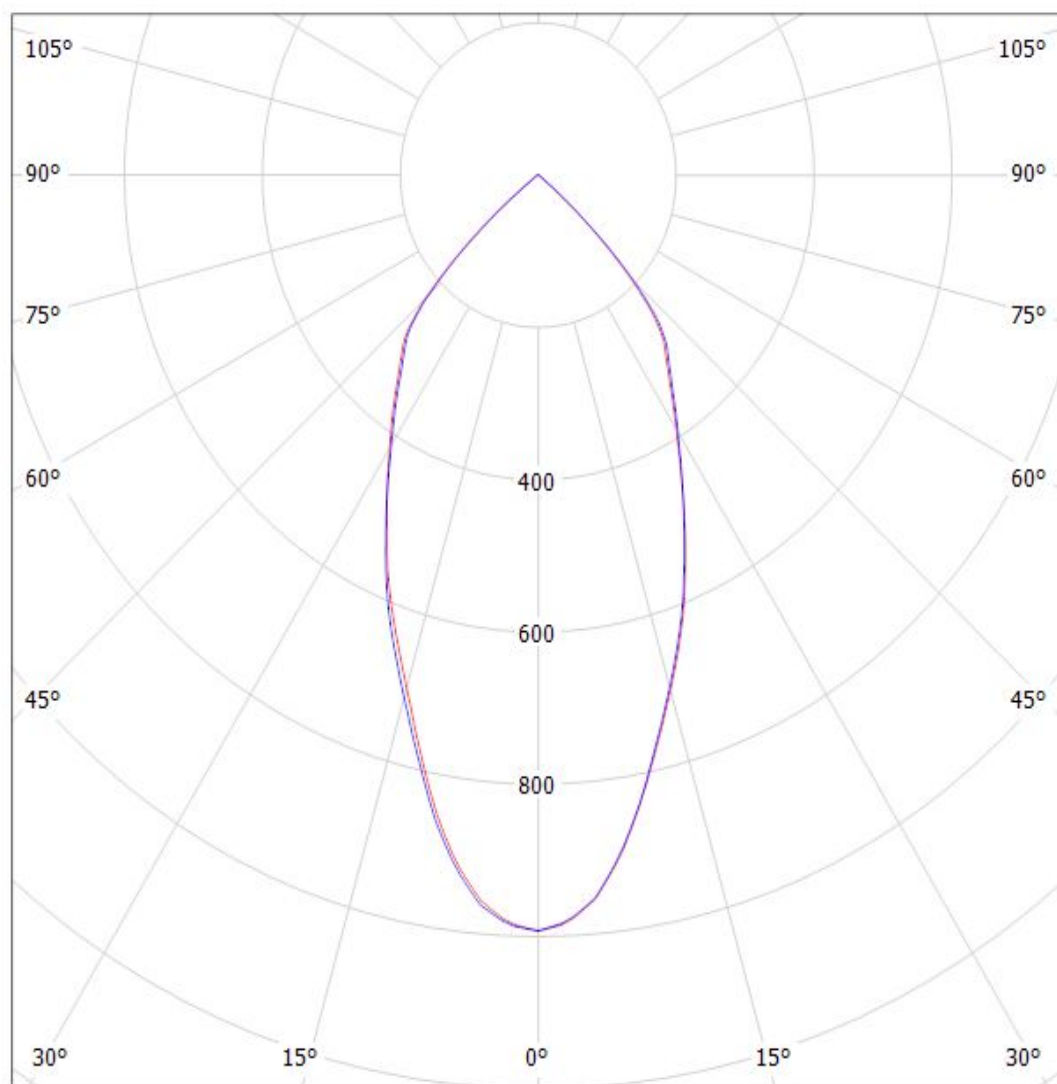


Luminaire: LEDiL Oy F13402_ANGELINA-W_(COB-LC026B) Eff.92.4%
Lamps: 1 x SAMSUNG_COB-LC026B_(SPHWWTHDNC25YHV52F)_1136.23lm@250mA_P=8.23191W_I=249.8mA



Luminaire: LEDiL Oy F13402_ANGELINA-W_(SLE_G3_LES19) Eff.92.2%

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



cd/klm

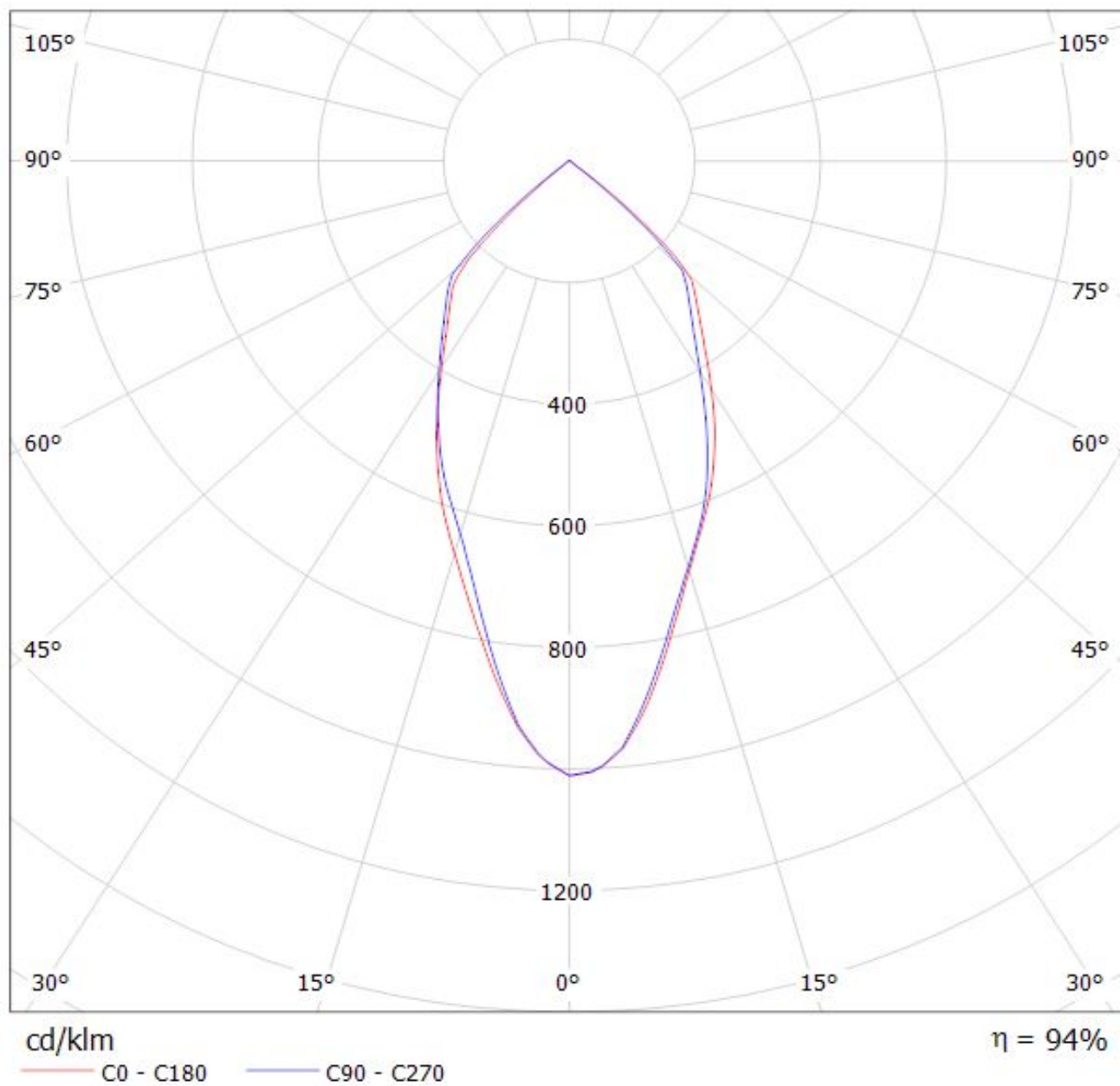
— C0 - C180

— C90 - C270

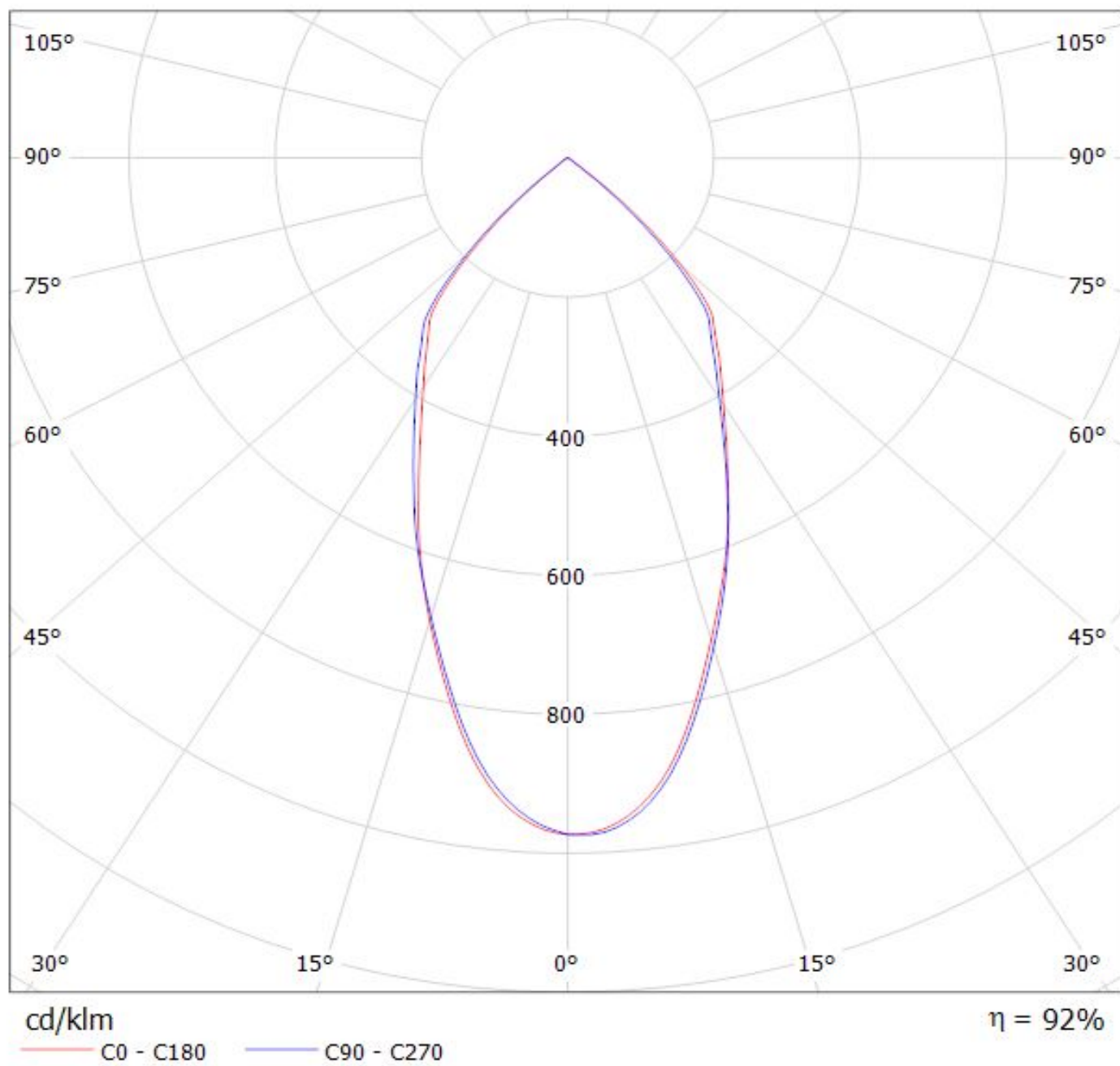
η = 92%

Luminaire: LEDiL Oy F13402_ANGELINA-W_(NSBxL121A)

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

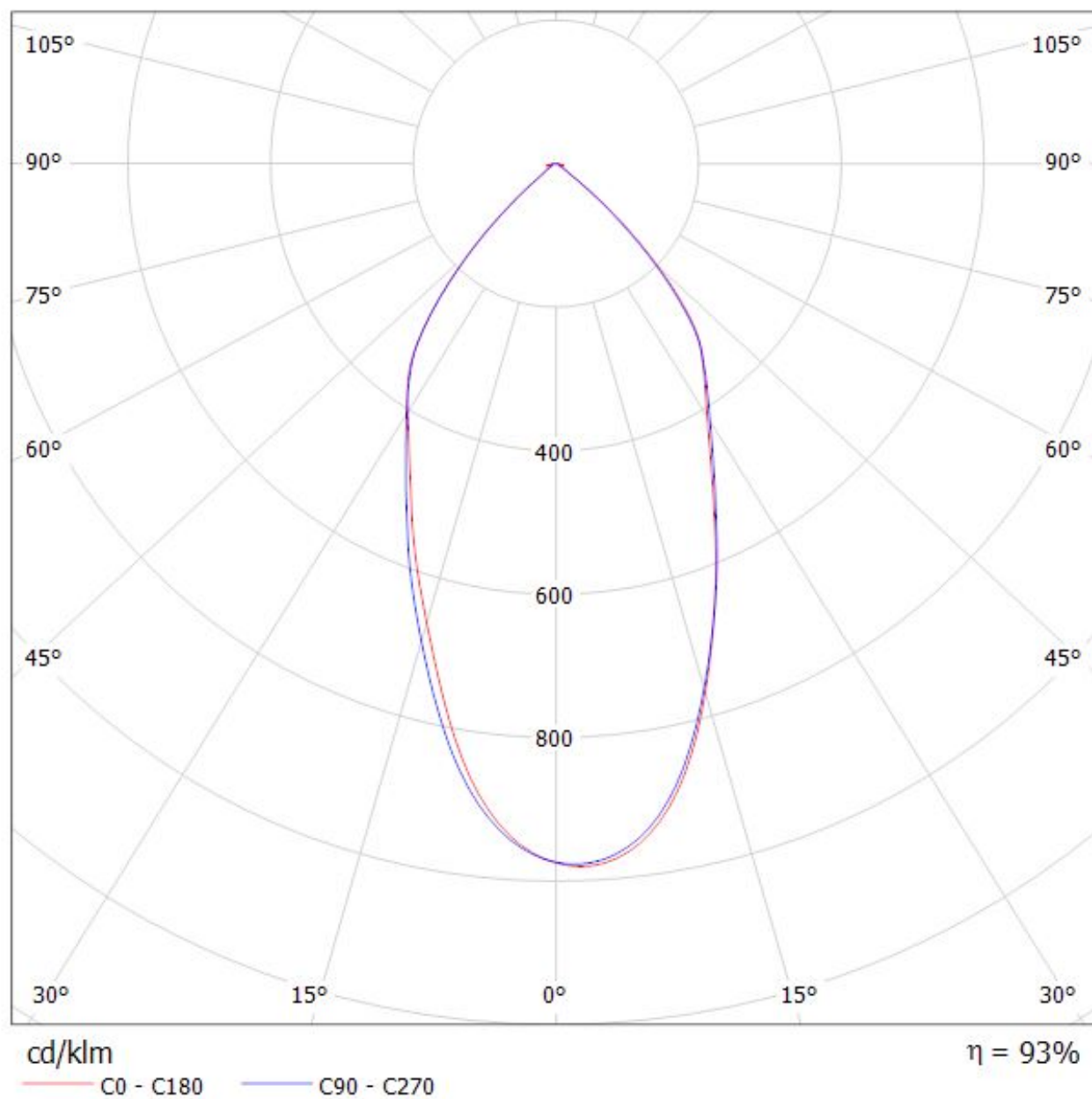


Luminaire: LEDiL Oy F13402_ANGELINA-W_(Fortimo LED SLM L19 G4)
Lamps: 1 x Fortimo LED SLM L19 G4_1114.89lm@250mA_P=8.04906W_I=0.2498A



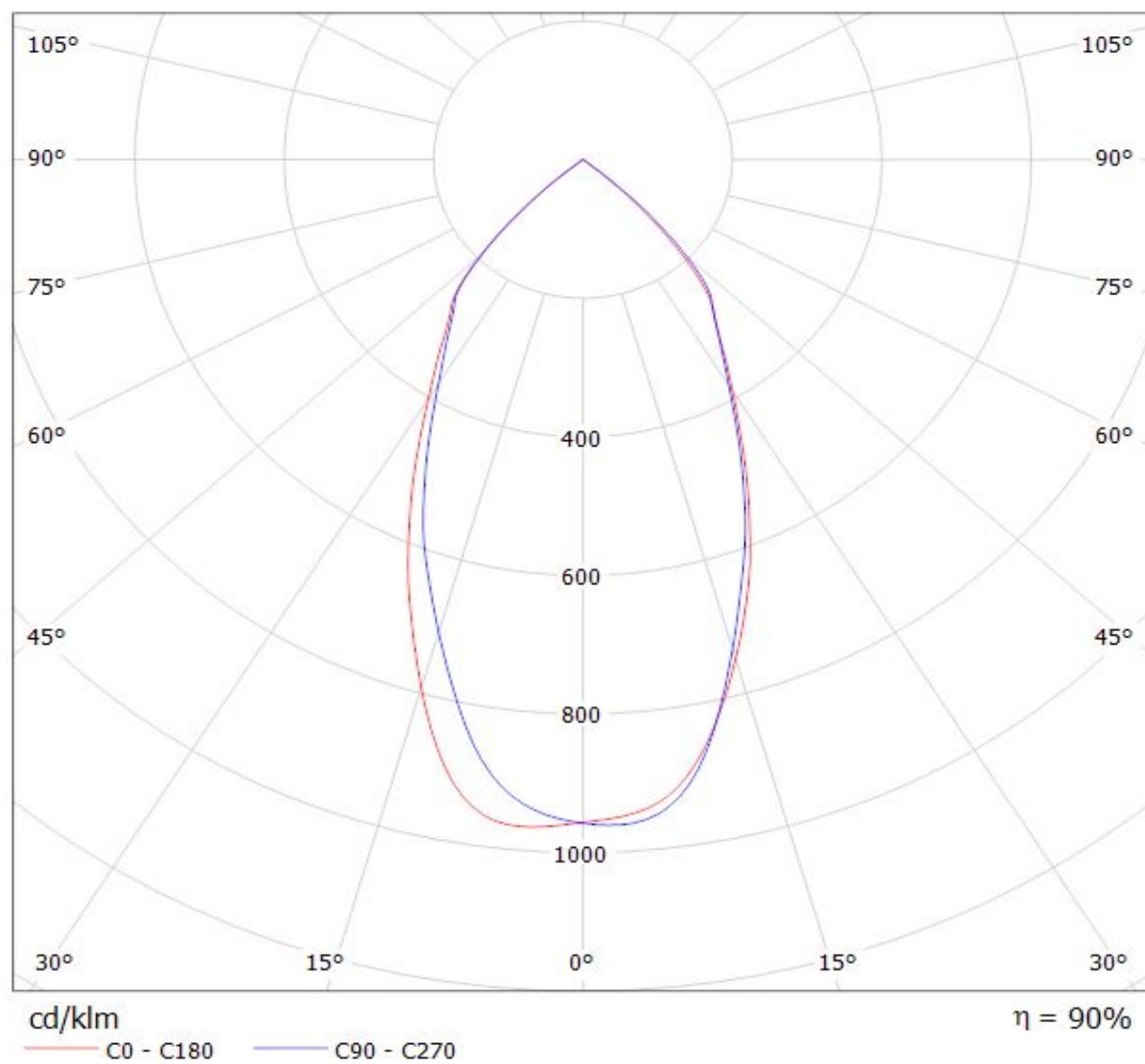
Luminaire: LEDiL Oy F13402_ANGELINA-W_(CXA30) Eff. 93%

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

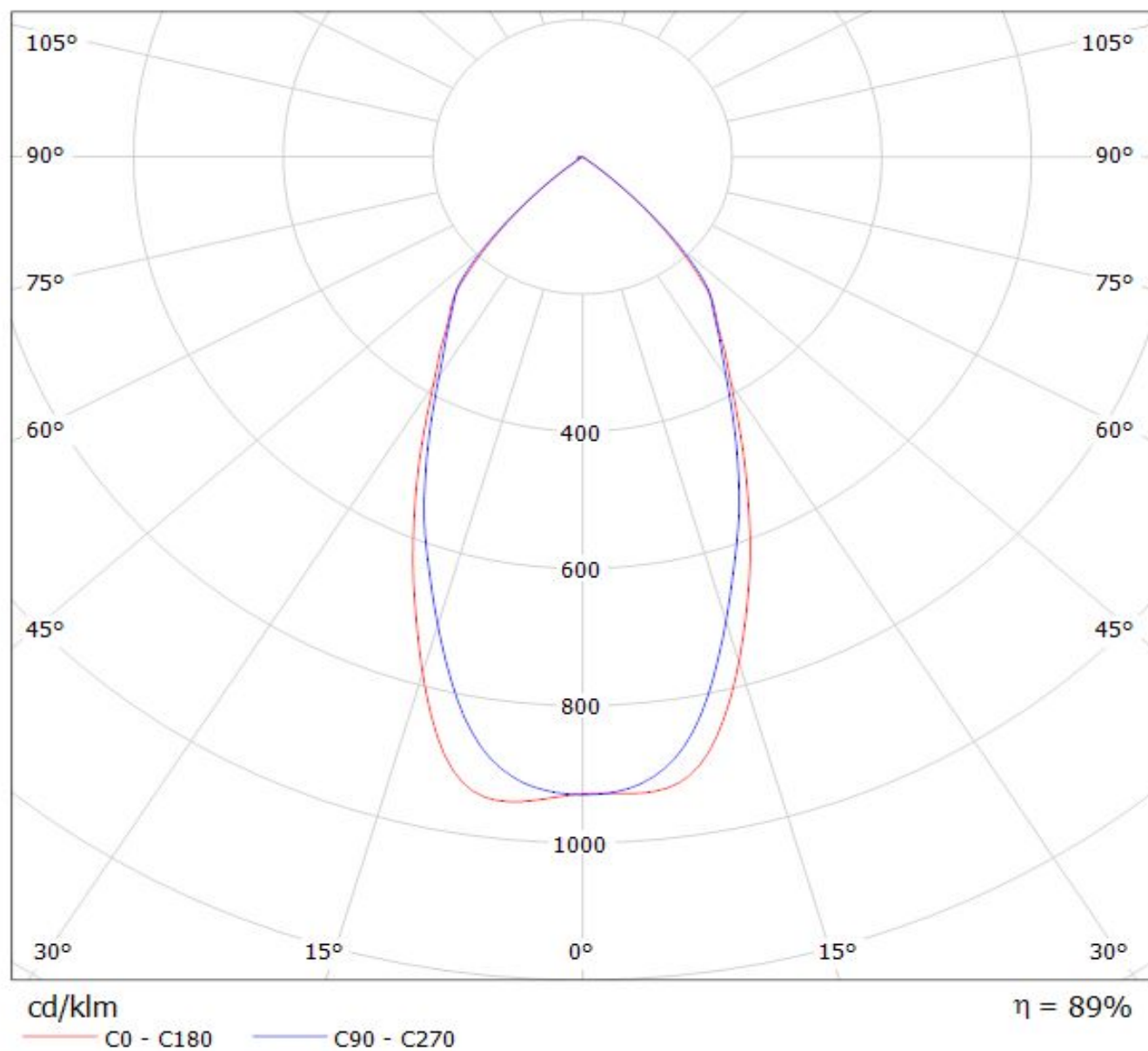


Luminaire: LEDiL Oy F13402_ANGELINA-W_(STARK_SLE_G2_LES23) Eff.90.2%

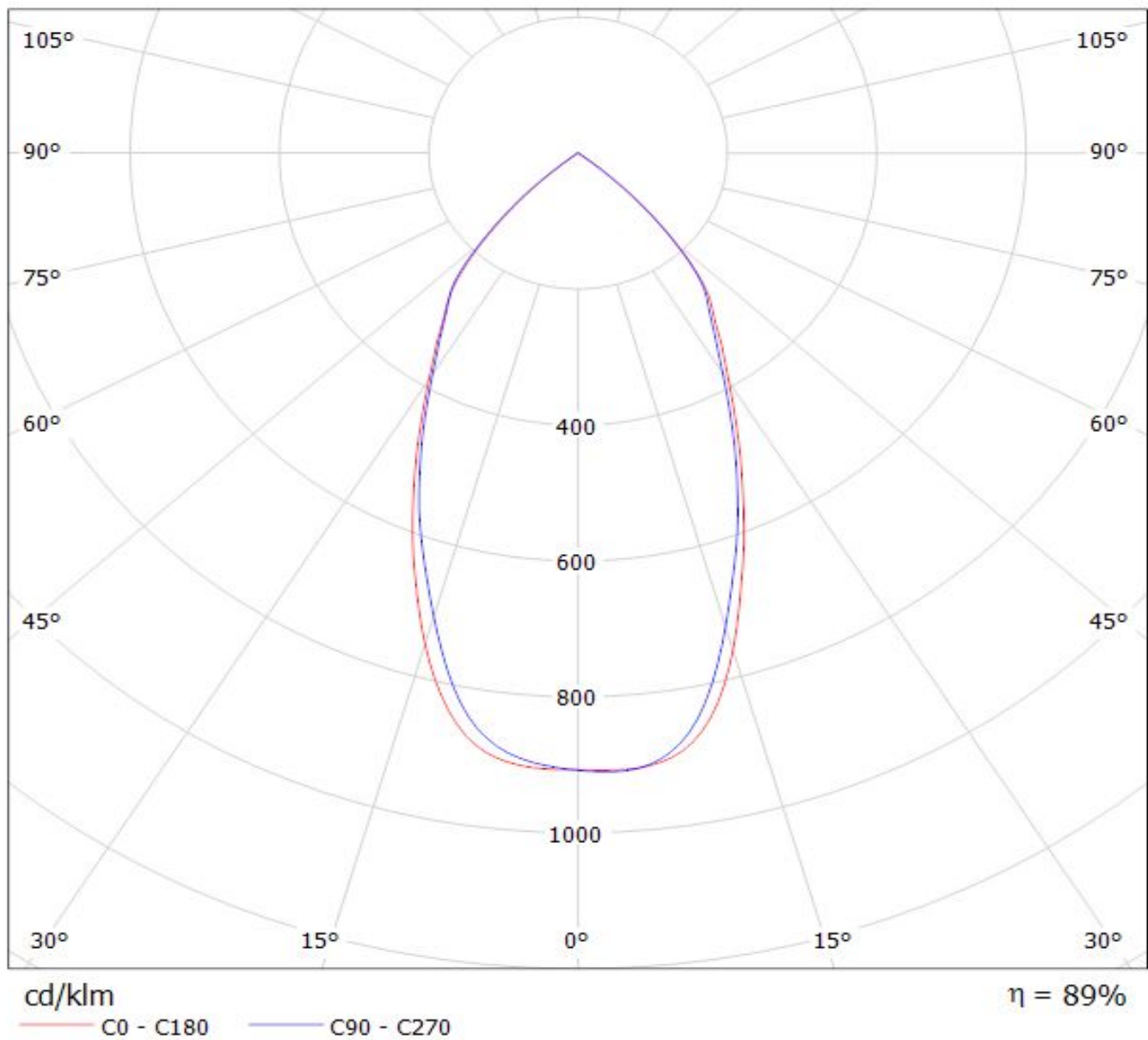
Lamps: 1 x TRIDONIC STARK SLE G2 LES23 830 CLA 982.73lm@250mA CCT=3000K P=8W I=250mA



Luminaire: LEDiL Oy F13402_ANGELINA-W_(FORTIMO_4500) Eff.89.0%
Lamps: 1 x PHILIPS Fortimo 4500

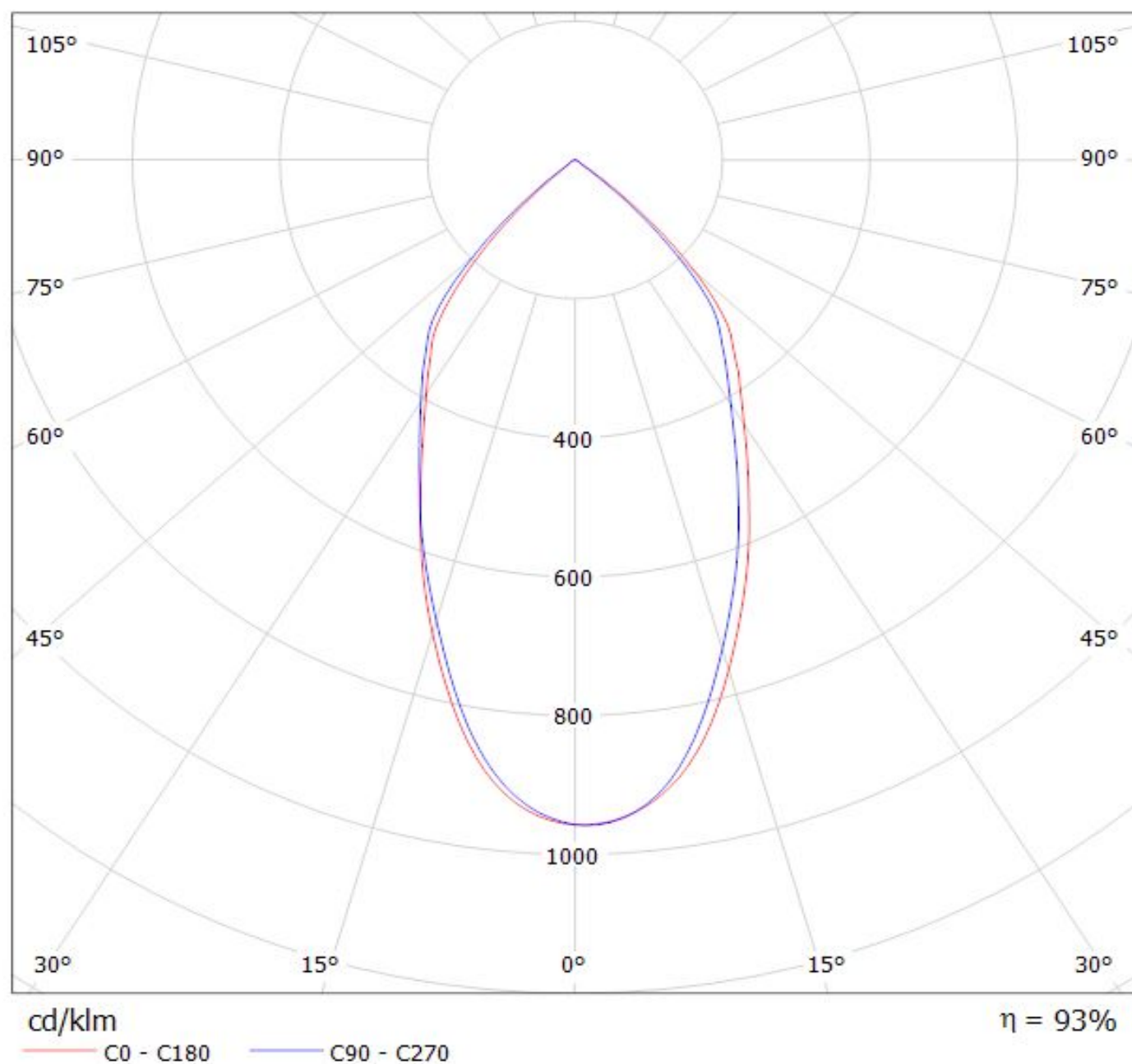


Luminaire: LEDiL Oy F13402_ANGELINA-W_(STARK_SLE_G2_LES26) Eff.89.0%
Lamps: 1 x TRIDONIC STARK SLE G2 LES26 830 CLA 1095.88lm@250mA CCT=3000K P=8W I=250mA



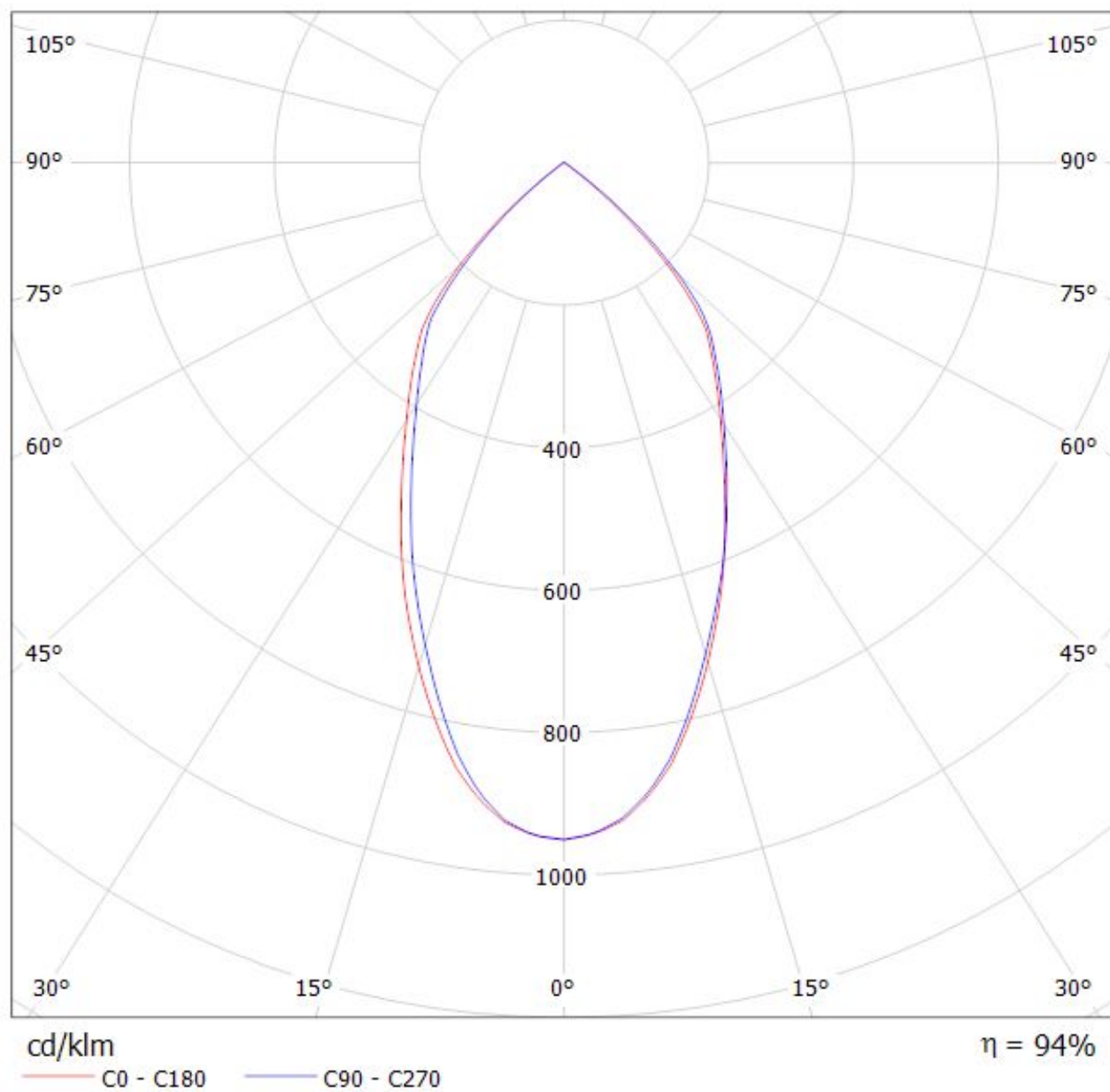
Luminaire: LEDiL Oy F13402_ANGELINA-W_(SLE_G4_LES23)

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



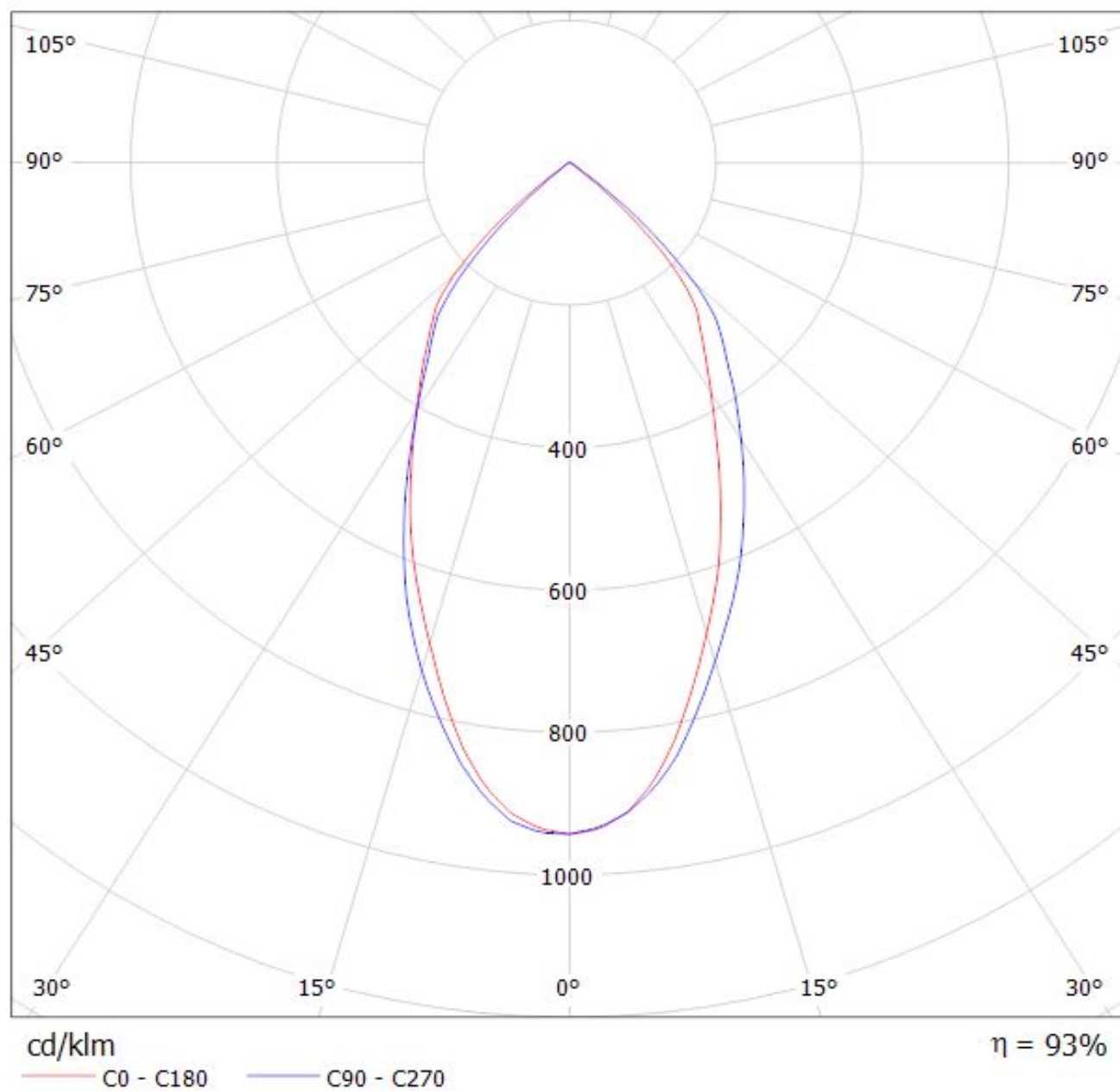
Luminaire: LEDiL Oy F13402_ANGELINA-W_(PrevaLED_LES23) Eff. 94%

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



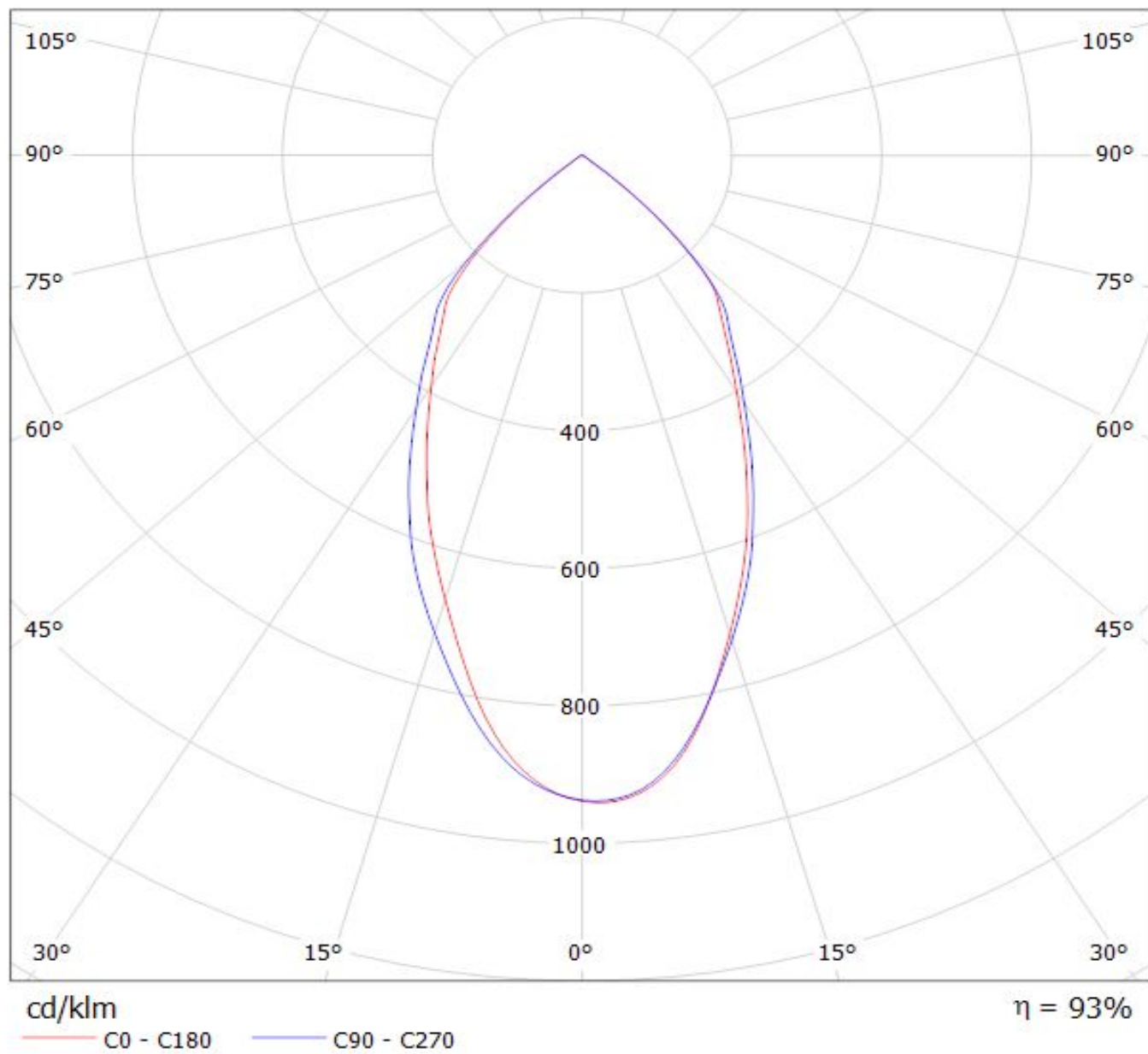
Luminaire: LEDiL Oy F13402_ANGELINA-W_(WU-M-462-827)

Lamps: 1 x Vossloh_WU-M-462-827_1116.7lm@250mA_P=8.9943W_I=249.8mA

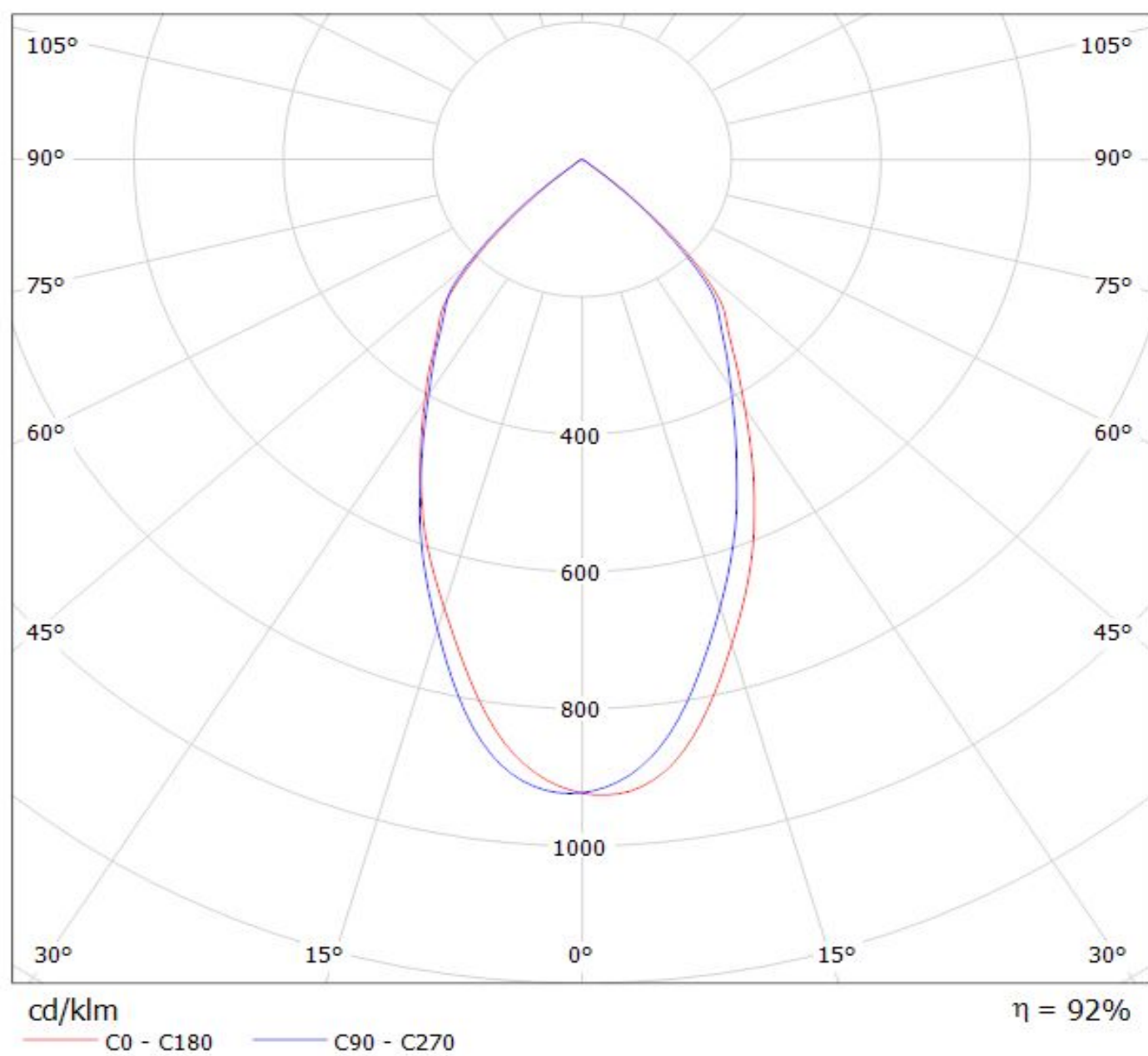


Luminaire: LEDiL Oy F13402_ANGELINA-W_(WU-M-464-827)

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

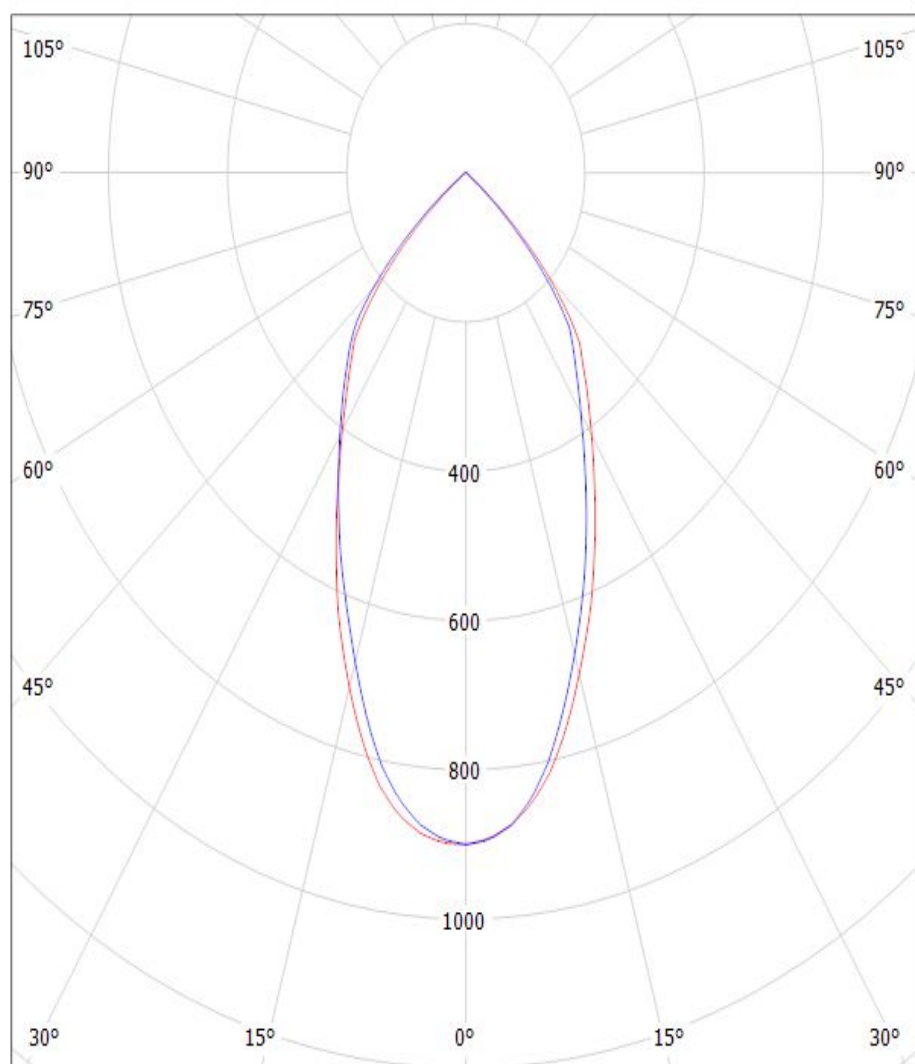


Luminaire: LEDiL Oy F13402_ANGELINA-W_(WU-M-486) Eff.92.5%
Lamps: 1 x Vossloh_Schwabe-WU-M-486_(WU-M-486-830)
_1474.55lm@250mA_P=10.4456W_I=249.8mA



Luminaire: LEDiL Oy F13402_ANGELINA-W_(SLE_G3_LES23) Eff.90.3%

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

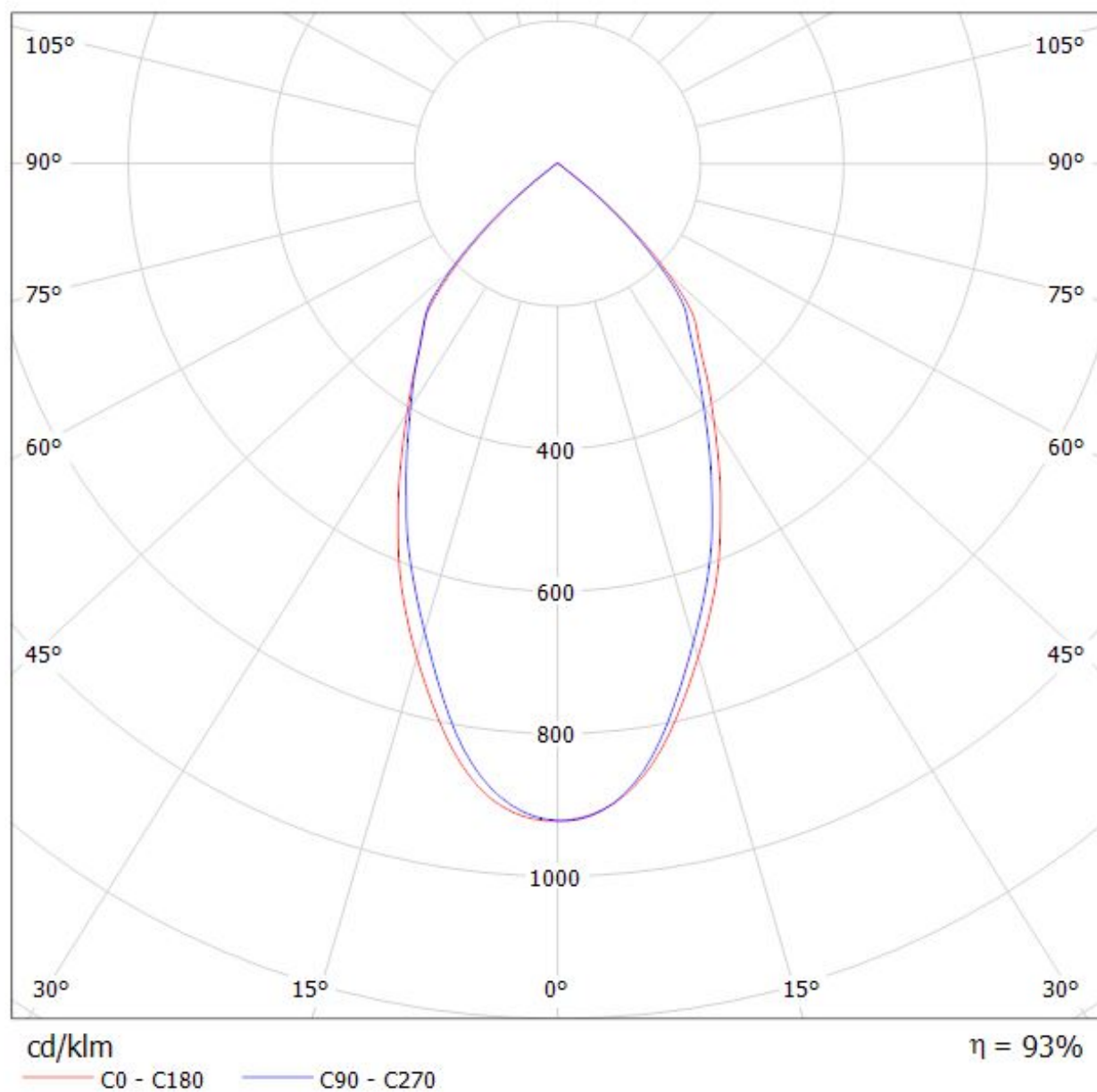
C0 - C180

C90 - C270

$\eta = 90\%$

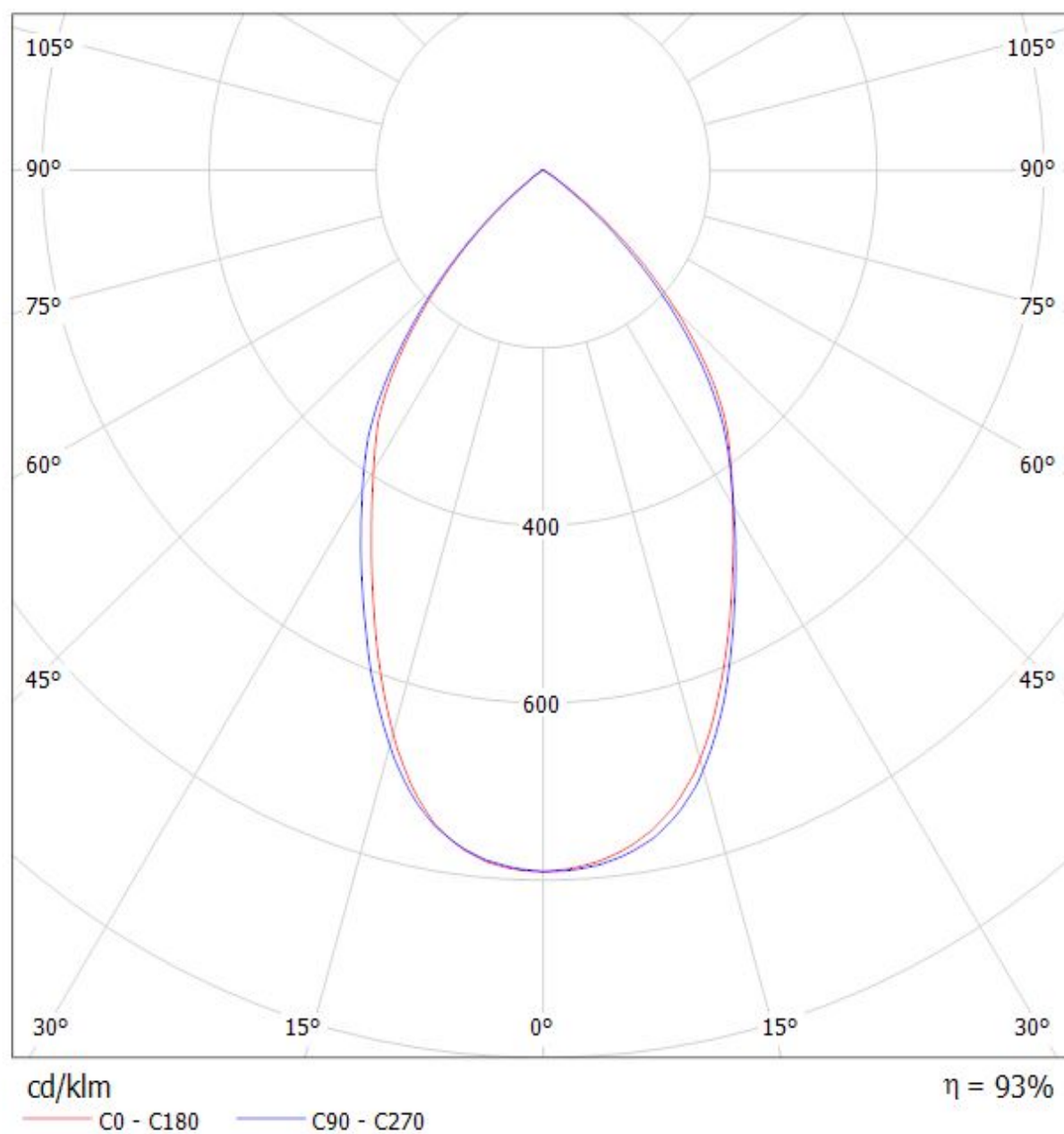
Luminaire: LEDiL Oy F13402_ANGELINA-W_(WU-M-484)

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



Luminaire: LEDiL Oy F13402_ANGELINA-W_(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.
- Reflector is made of aluminium coated PC (120 degrees of Celcius / 248 degrees of Fahrenheit) with protective lacquer (short term 100 degrees of Celcius / 212 degrees of Fahrenheit).

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.