

DETAILS

Product Number	F13401_ANGELINA-M
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	11/02/2015



OPTICAL PROPERTIES

LED	Viewing Angle	Light Beam	Efficiency	cd/lm	Connector
CLU720	26 deg	Medium	93 %	1.600	IDEAL: 50-2103CT + Angela(50-2100AN)
CXA/B 1816 & CXA/B 1820 & CXA 1850	26 deg	Medium	93 %	1.700	IDEAL: 50-2101CR + Angela(50-2100AN)
PrevaLED Core Z3 LES9	26 deg	Medium	93 %	1.730	TE: Z50 Optic Clip part nr. 2213194-1
Fortimo LED SLM L9 G4 standard	27 deg	Medium	92 %	1.600	TE: Z50 Optic Clip part nr. 2213194-1
L121A/L060B/L024Z	27 deg	Medium	91 %	1.640	IDEAL: 50-2100NC + Angela(50-2100AN)
PrevaLED Core AC (LEP-800)	28 deg	Medium	93 %	1.630	TE: Z50 Optic Clip part nr. 2213194-1
LUXEON CoB 1204/1205	28 deg	Medium	92 %	1.610	IDEAL: 50-2100SH + Angela(50-2100AN)
COB 10W/13W/17W/24W	28 deg	Medium	92 %	1.640	IDEAL: 50-2100LG + Angela(50-2100AN)
LUXEON K12	29 deg	Medium	94 %	1.600	TE: part nr. 2213134-2 + Z50 Optic Clip part nr. 2213194-1
BXRA ES Rectangle	30 deg	Medium	93 %	1.570	IDEAL: 50-2100BL + Angela(50-2100AN)
Mega Zenigata (GW6DME)	30 deg	Medium	93 %	1.530	IDEAL: 50-2100SH + Angela(50-2100AN)
LUXEON CoB 1204/1205	30 deg	Medium	94 %	1.800	TE: part nr. 2213130-2 + Z50 Optic Clip part nr. 2213194-1
CLL03x/CLU034	30 deg	Medium	92 %	1.550	IDEAL: 50-2103CT + Angela(50-2100AN)
Fortimo LED SLM L13 G4 standard	31 deg	Medium	93 %	1.500	TE: Z50 Optic Clip part nr. 2213194-1
CLU720	31 deg	Medium	94 %	1.400	TE: part nr. 2213254-2 + Z50 Optic Clip part nr. 2213194-1
LUXEON CoB 1208	31 deg	Medium	93 %	1.500	IDEAL: 50-2100SH + Angela(50-2100AN)
J216A/J130B/J108B/J048Z	31 deg	Medium	94 %	1.520	IDEAL: 50-2103NC + Angela(50-2100AN)
LUXEON K16	32 deg	Medium	94 %	1.500	TE: part nr. 2213134-2 + Z50 Optic Clip part nr. 2213194-1
Mega Zenigata (GW6DME)	32 deg	Medium	92 %	1.600	TE: part nr. 2213130-2 + Z50 Optic Clip part nr. 2213194-1
LUXEON CoB 1208	32 deg	Medium	93 %	1.600	TE: part nr. 2213130-2 + Z50 Optic Clip part nr. 2213194-1
STARK SLE G2 LES19	33 deg	Medium	92 %	1.500	TE: Z50 Optic Clip part nr. 2213194-1
Soleriq P13	33 deg	Medium	93 %	1.380	TE: part nr. 2213401-2 + Z50 Optic Clip part nr. 2213194-1
Soleriq S13	34 deg	Medium	94 %	1.500	TE: part nr. 2213401-2 + Z50 Optic Clip part nr. 2213194-1
CXM-14	34 deg	Medium	93 %	1.380	TE: part nr 2213254-2 + Z50 Optic Clip part nr. 2213194-1
Fortimo LED SLM L15 G4 standard	34 deg	Medium	92 %	1.400	TE: Z50 Optic Clip part nr. 2213194-1

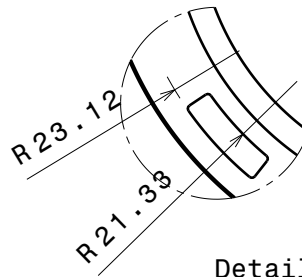
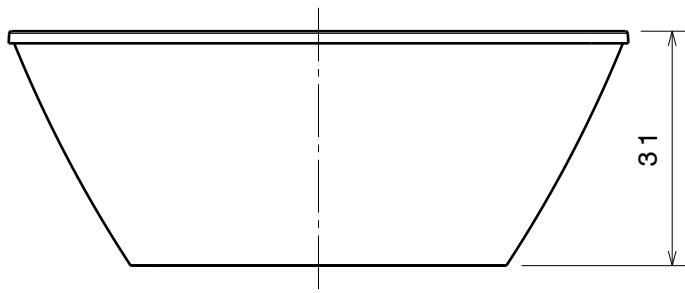
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C

B

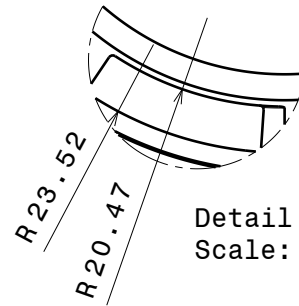
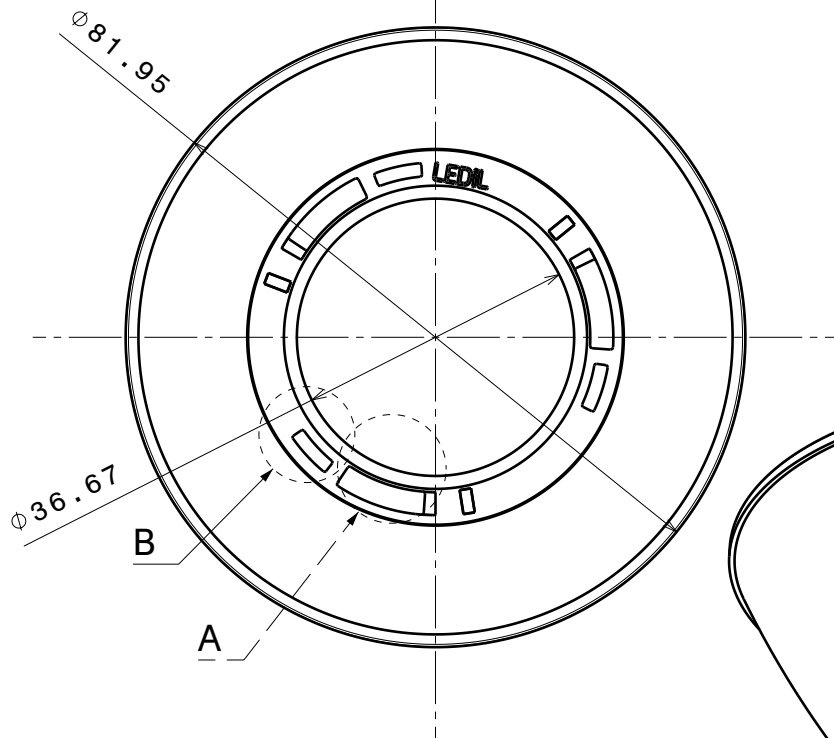
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4



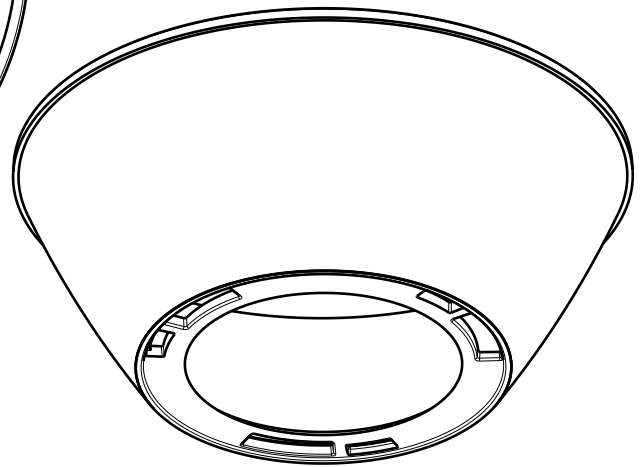
Detail B
Scale: 2:1

3



Detail A
Scale: 2:1

2



4

3

2

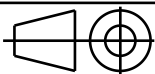
INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1		ANGELINA	PC	metal

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 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

-

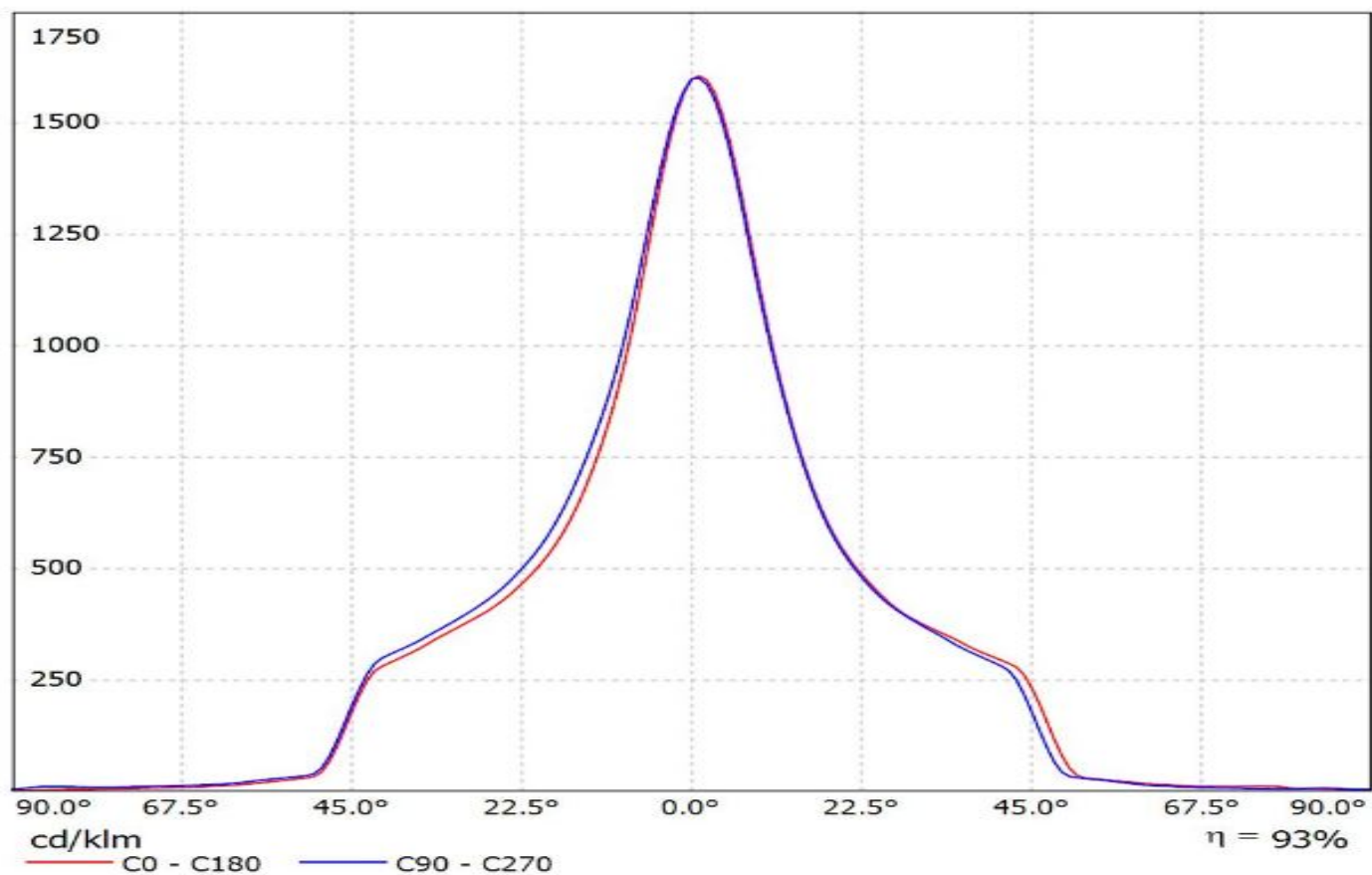
SHEET 1/1

D

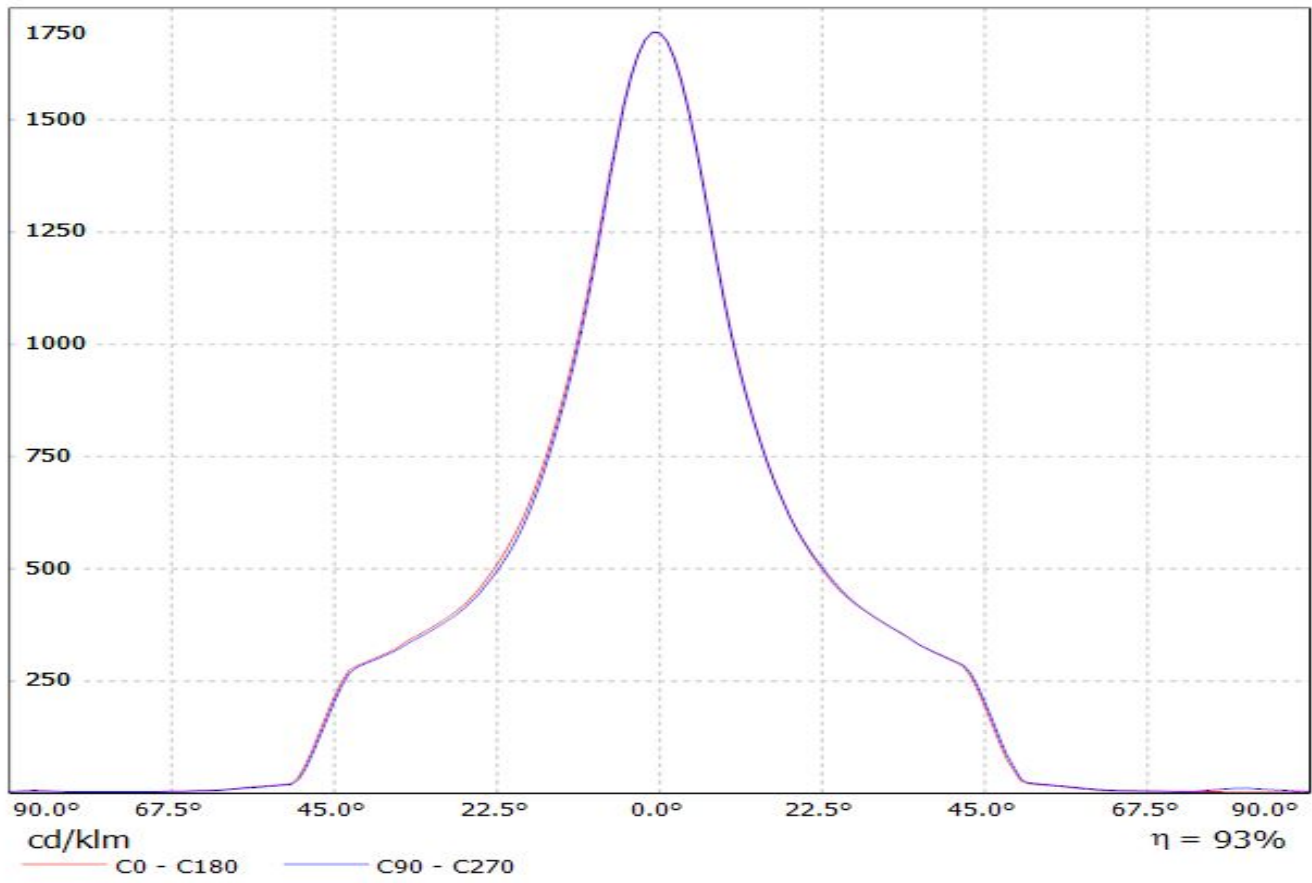
A

1

Luminaire: Ledil F13401_ANGELINA-M_(CLU720)
Lamps: 1 x CITIZEN_CLU720_(CLU720-1206B8-273M2)
_1337.27lm@250mA_CCT=2700K_P=8.35W_I=0.25A

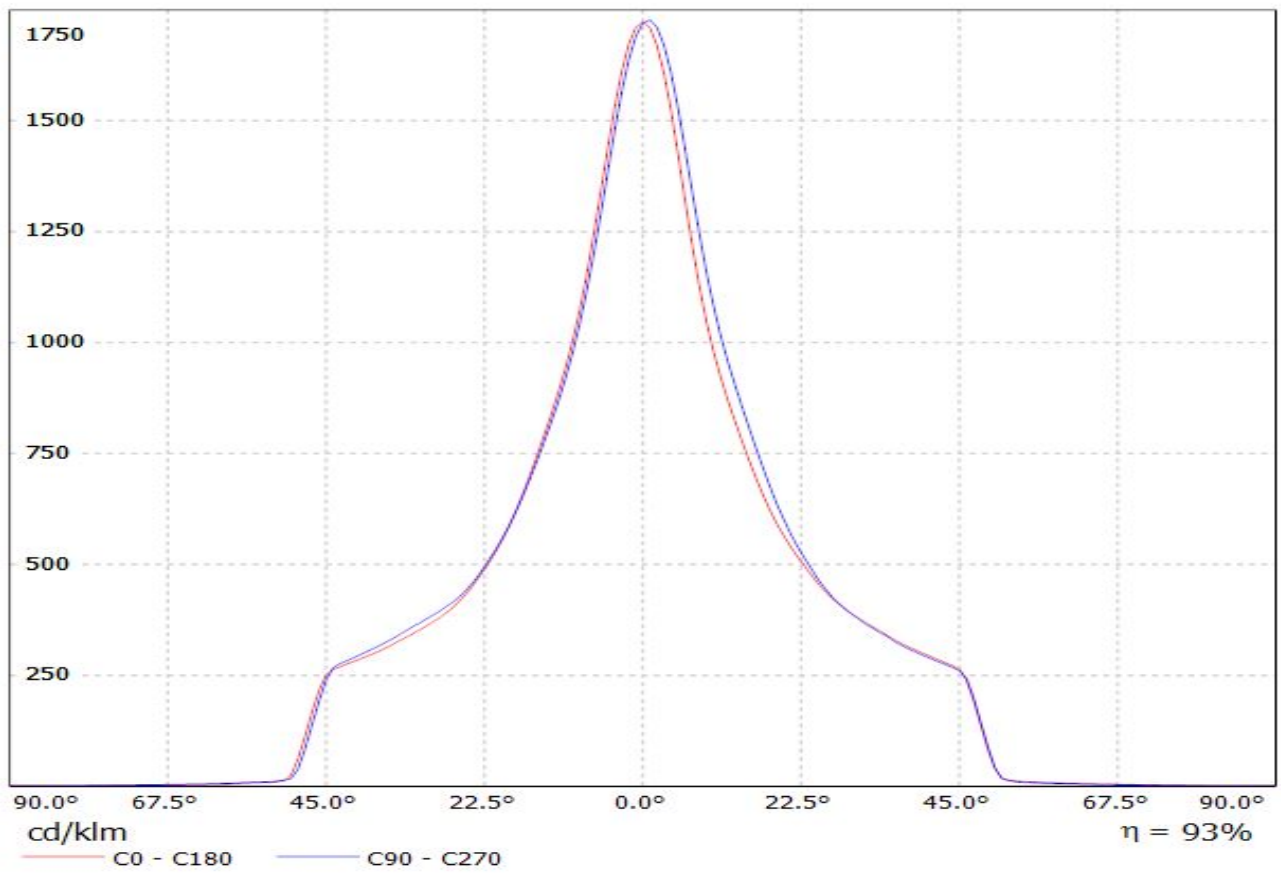


Luminaire: LEDiL Oy F13401_ANGELINA-M_(CXA1816) Eff. 93%
Lamps: 1 x CREE_CXA1816_1042.78lm@250mA_P=8.65157W_I=249.9mA

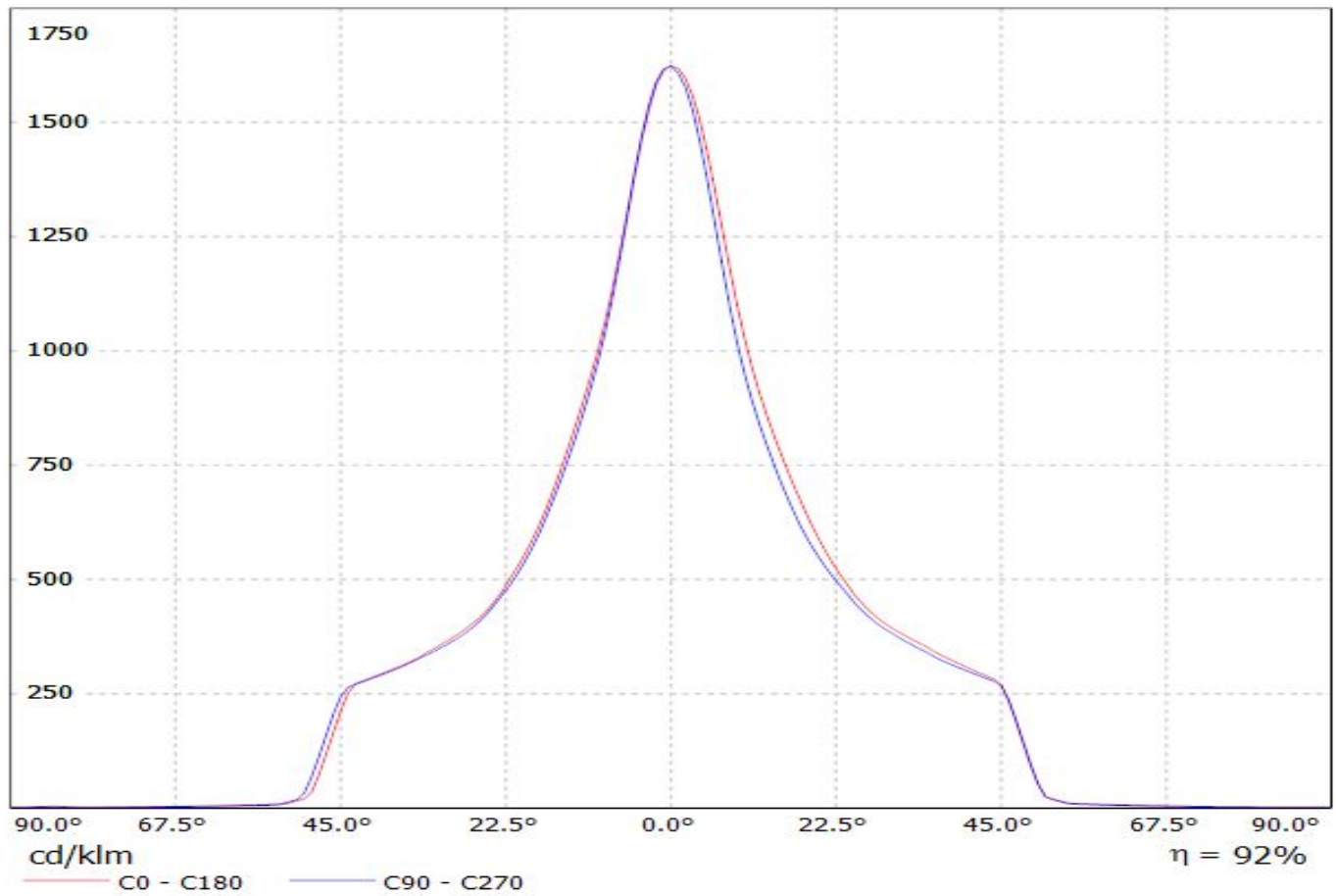


Luminaire: LEDiL Oy F13401_ANGELINA-M_(PrevaLED_LES9) Eff.93%

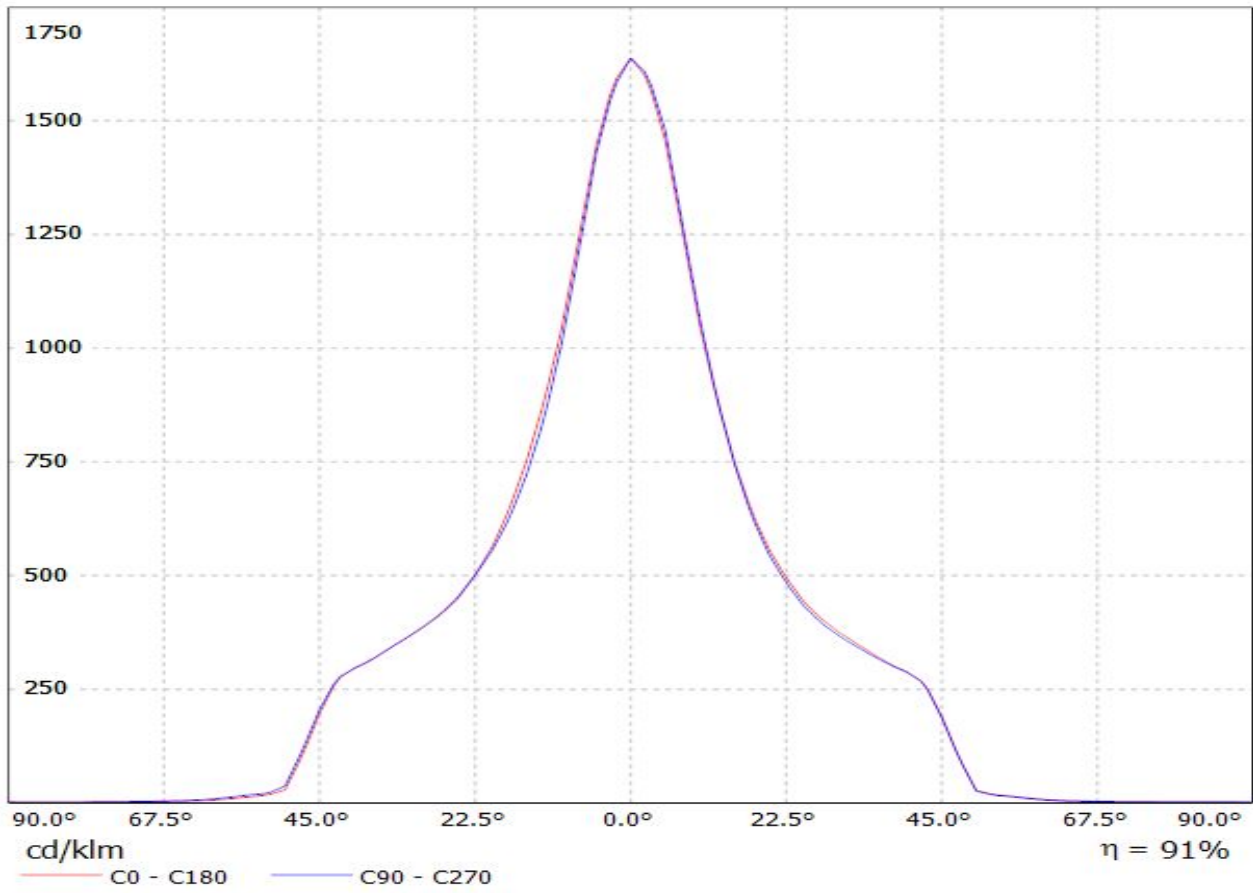
Lamps: 1 x OSRAM PrevaLED_LES9_(PL-CORE-1100-830-Z3)_507.9lm@100mA_P=4.5039W_I=100.1mA



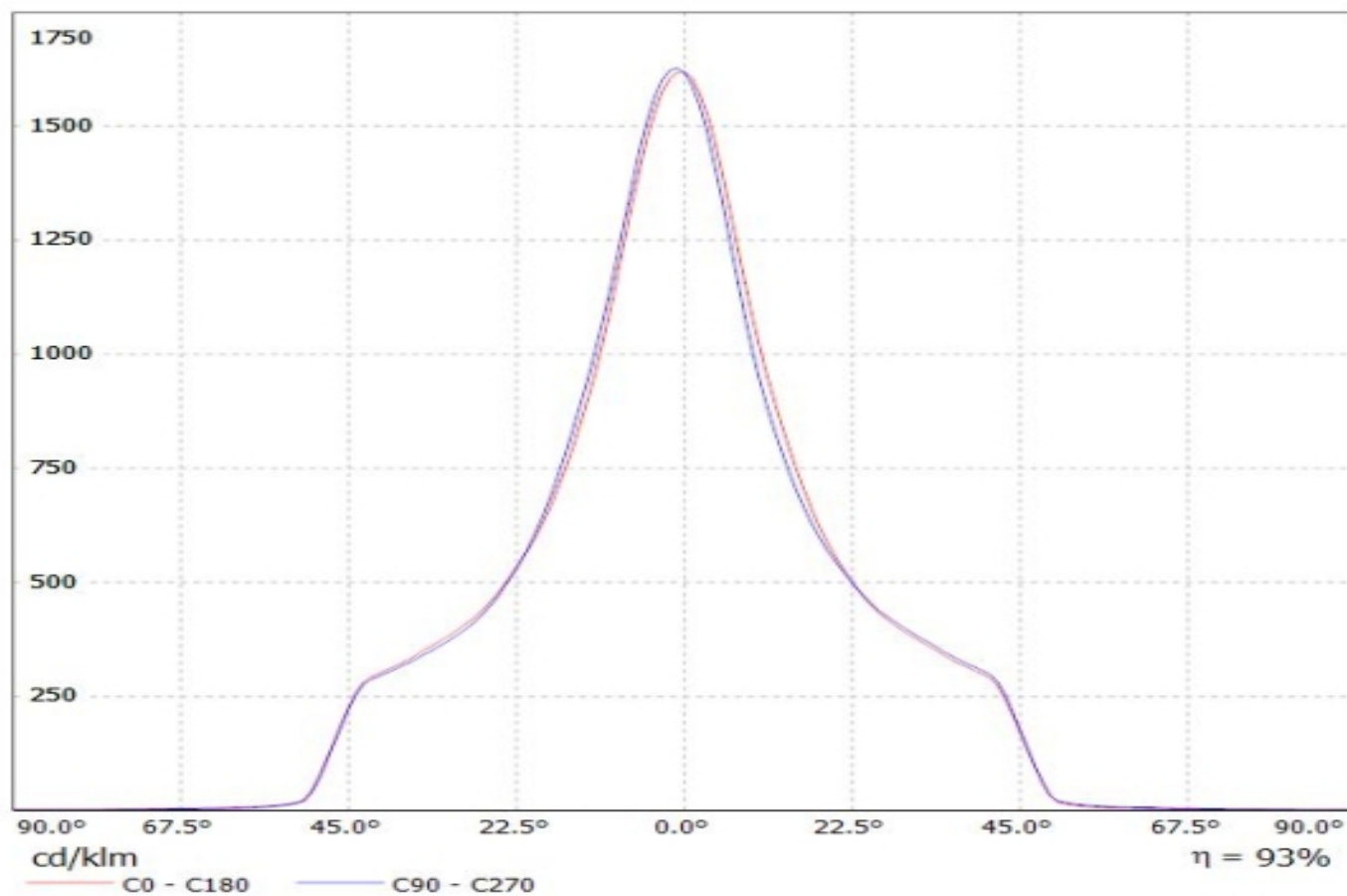
Luminaire: LEDiL Oy F13401_ANGELINA-M_(Fortimo LED SLM 1100 lm 830 L9 G4)
Lamps: 1 x Fortimo LED SLM 1100 lm 830 L9 G4_1021.27lm@250mA_P=9.2431W_I=0.2498A



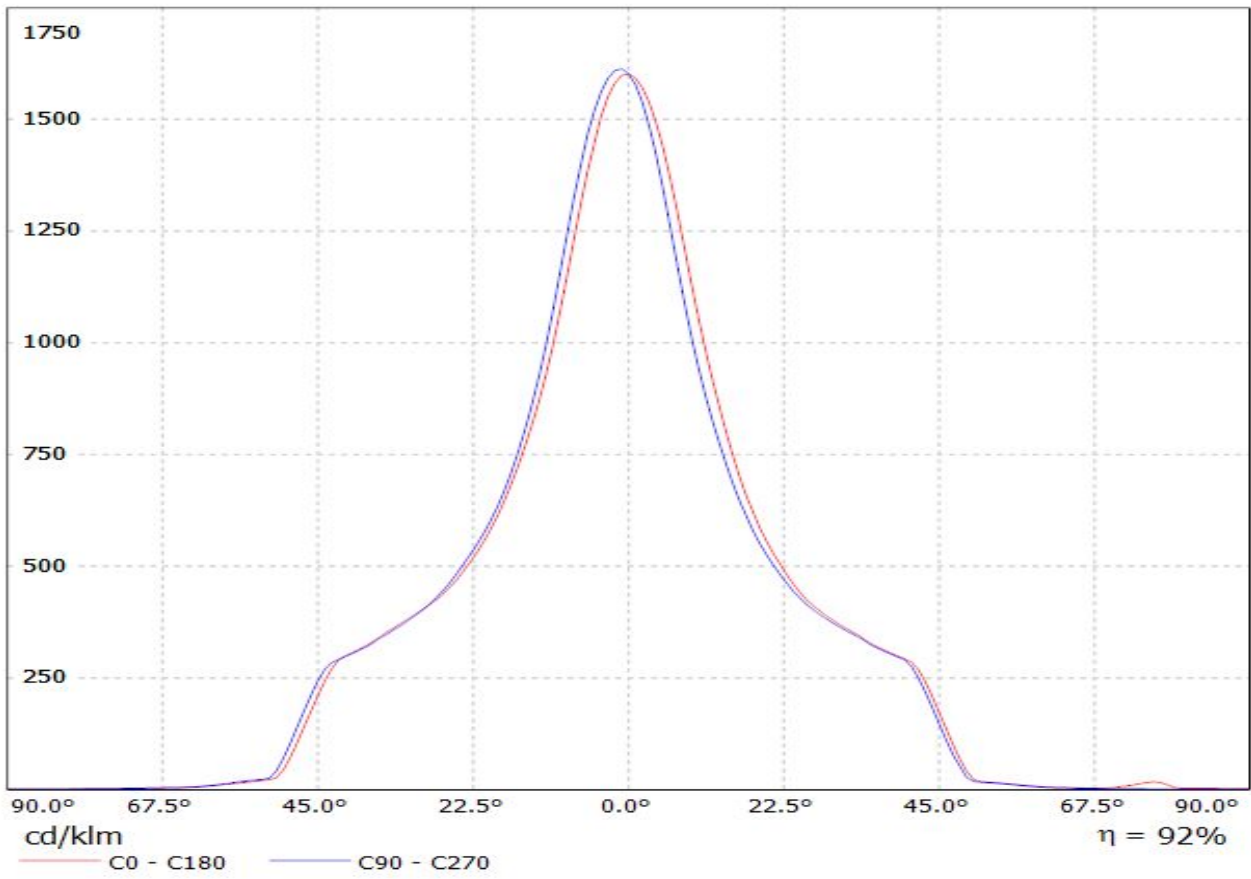
Luminaire: LEDiL Oy F13401_ANGELINA-M_(NSBxL121A) Eff.90.8%
Lamps: 1 x NICHIA_NSBxL121A_(NSBLL121AE)_805.561lm@250mA_CCT=3000K_P=7.3681W_I=249.8mA



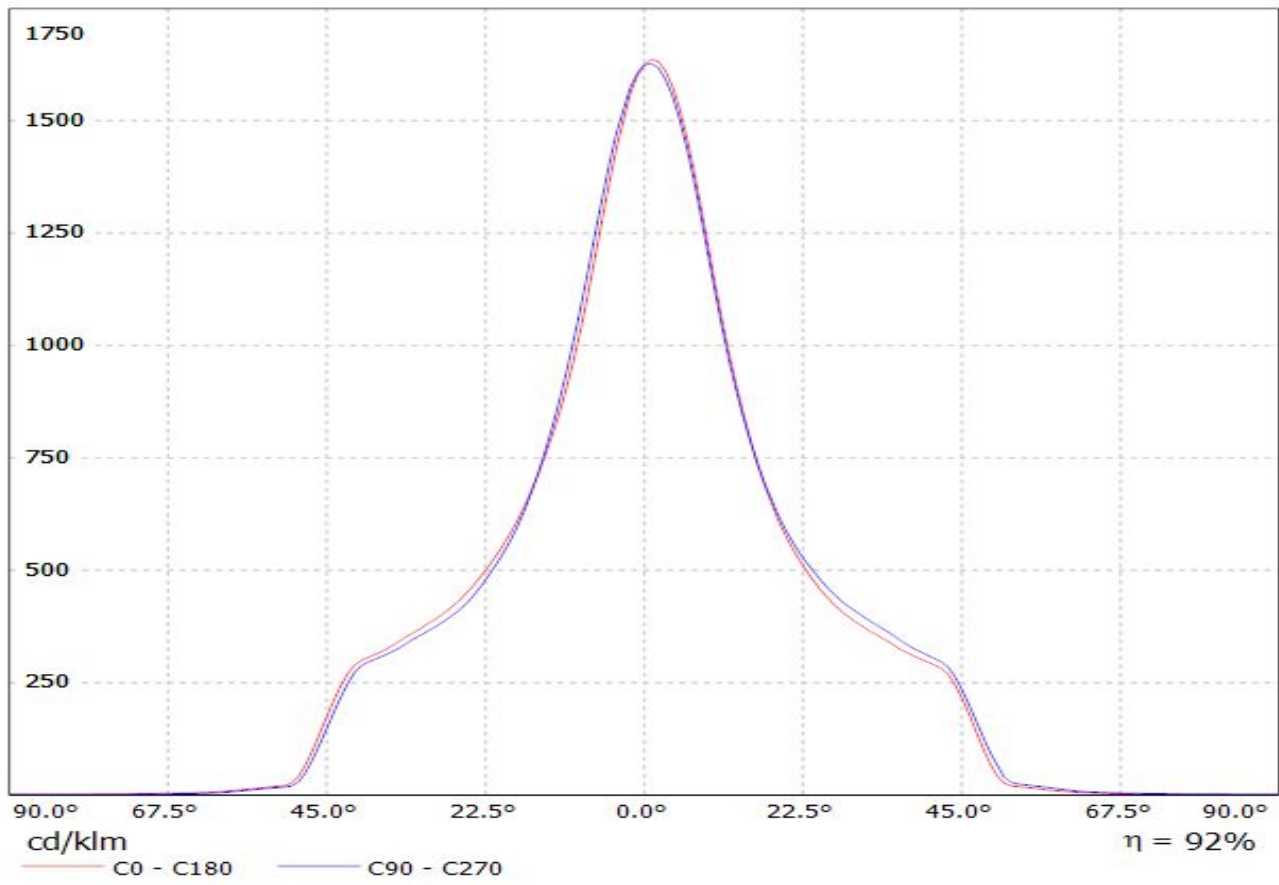
Luminaire: LEDiL Oy F13401_ANGELINA-M (LEP-800-827-C-AC)
Lamps: 1 x OSRAM PrevaLED Core AC (LEP-800-827-C-AC) 910lm@60mA U:230V P:14W



Luminaire: LEDiL Oy F13401_ANGELINA-M_(LUXEON_COB_1205) Eff.92.4%
Lamps: 1 x LUXEON_COB_1205_(LHC1-3080-1205)_1084.49lm@250mA_CCT=3000K_P=8.31784W_I=249.8mA

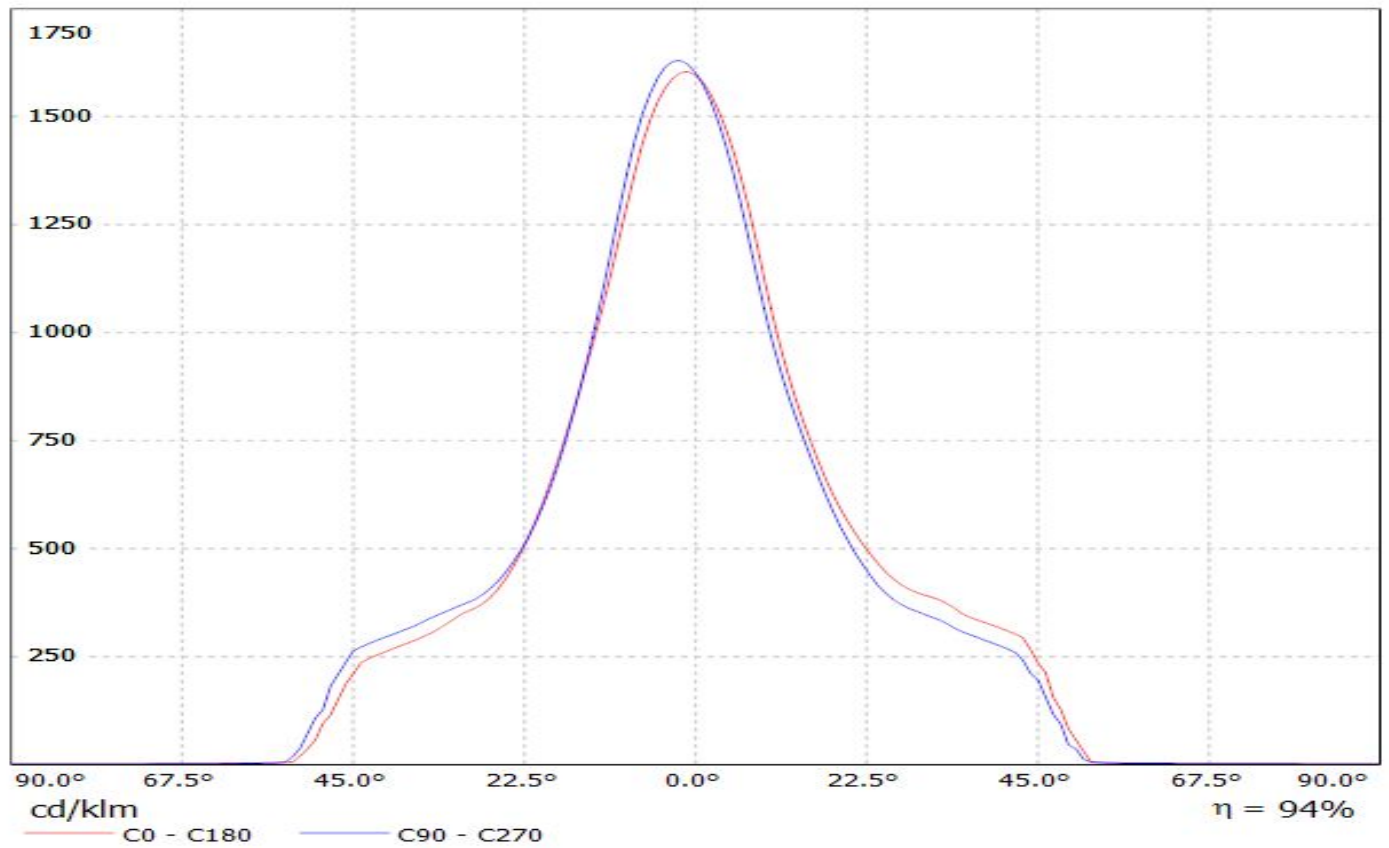


Luminaire: LEDiL Oy F13401_ANGELINA-M_(LG_COB-10W) Eff.92.4%
Lamps: 1 x LG_COB-10W_1024lm@250mA_CCT=5090K_P=9W_I=250mA



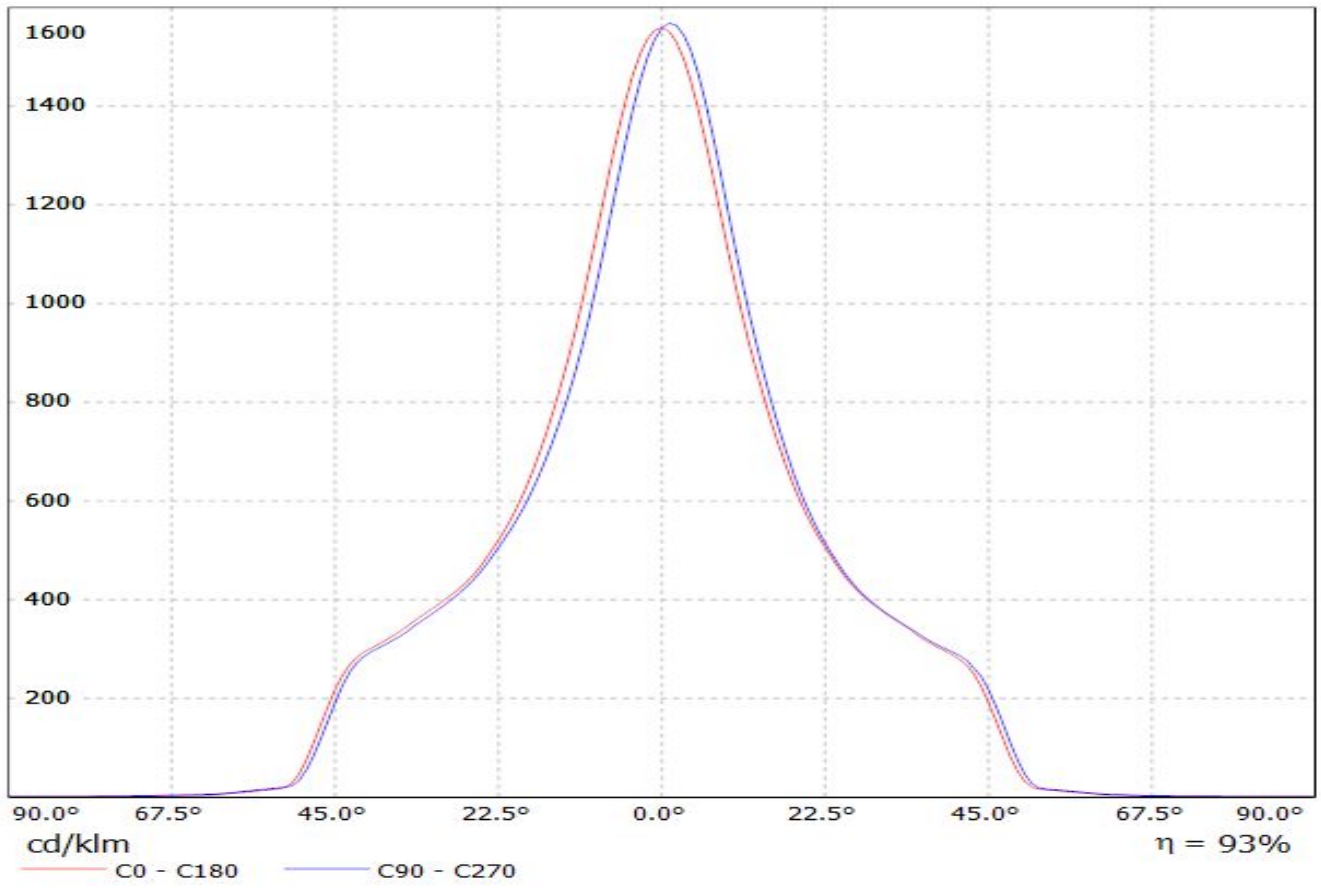
LEDiL Oy C13401_ANGELINA-M_(LUXEON_K12) Eff.94.0% / LDC (Linear)

Luminaire: LEDiL Oy C13401_ANGELINA-M_(LUXEON_K12) Eff.94.0%
Lamps: 1 x LUXEON_K12 (929.543lm@250mA)

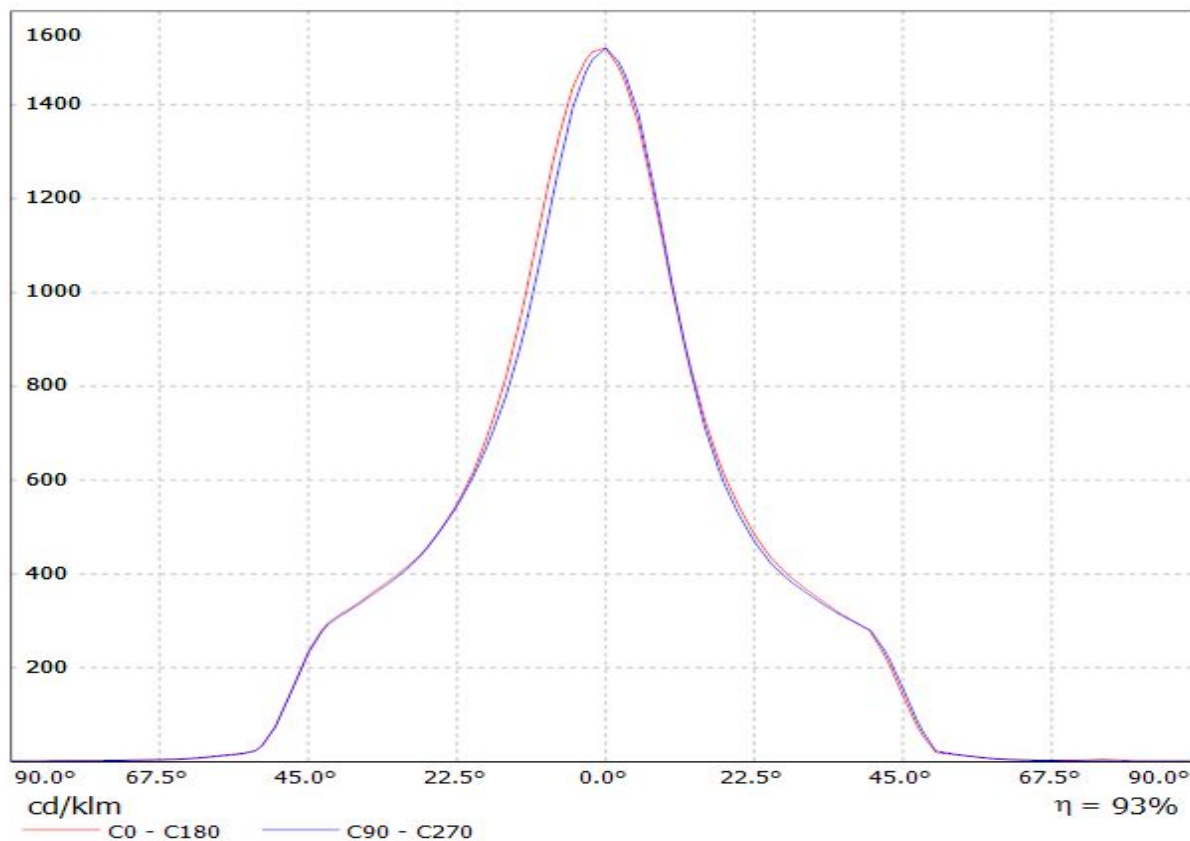


Luminaire: LEDiL Oy F13401_ANGELINA-M_(BXRA_ES) Eff.92.6%

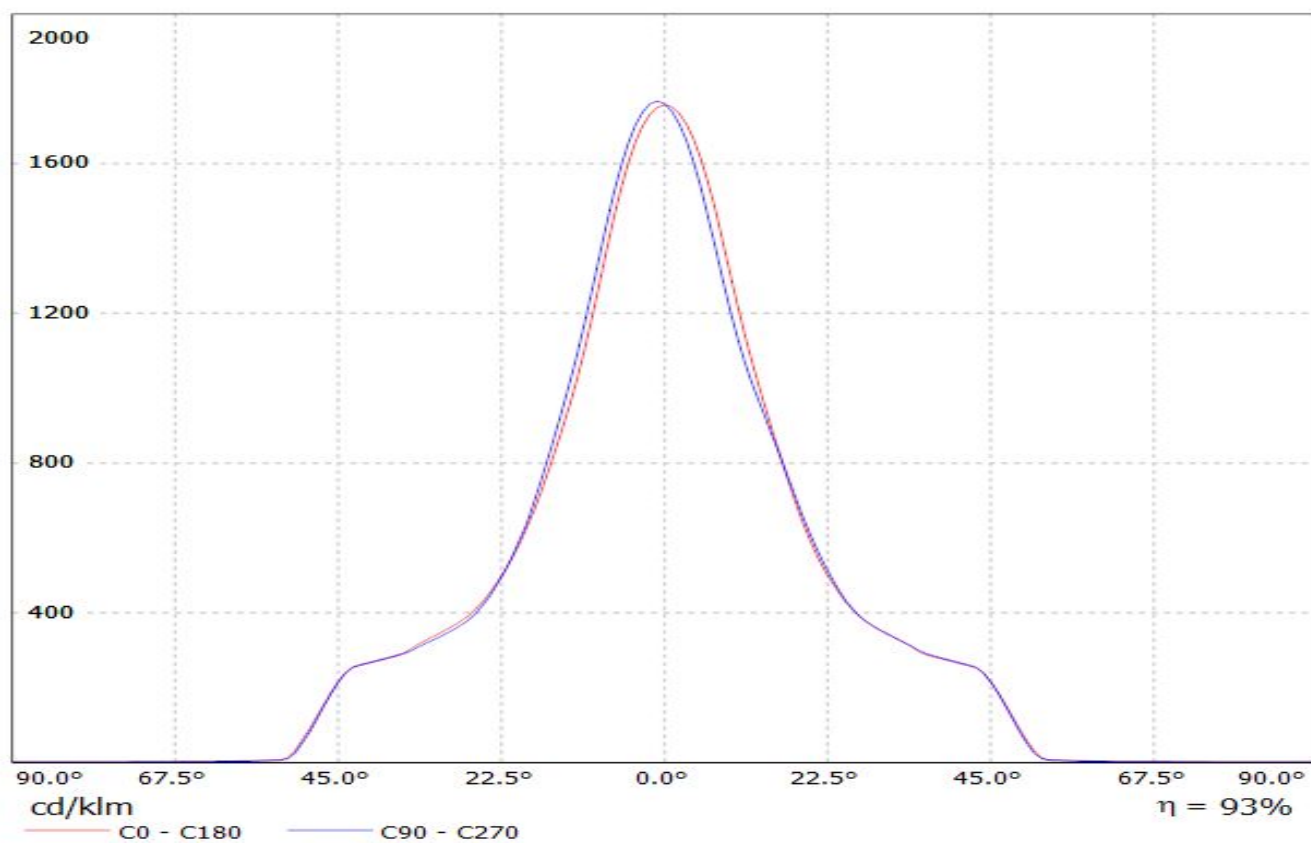
Lamps: 1 x BXRA_ES_(BXRA-W1203_102820-3110)_281.549lm@250mA_P=4.09397W_I=249.8mA



Luminaire: LEDiL Oy F13401_ANGELINA-M_(MEGAZENIGATA) Eff.92.5%
Lamps: 1 x SHARP_MEGAZENIGATA_(GW6DME30NFC)_1238.26lm@250mA_CCT=3000K_P=11.1211W_I=249.8mA

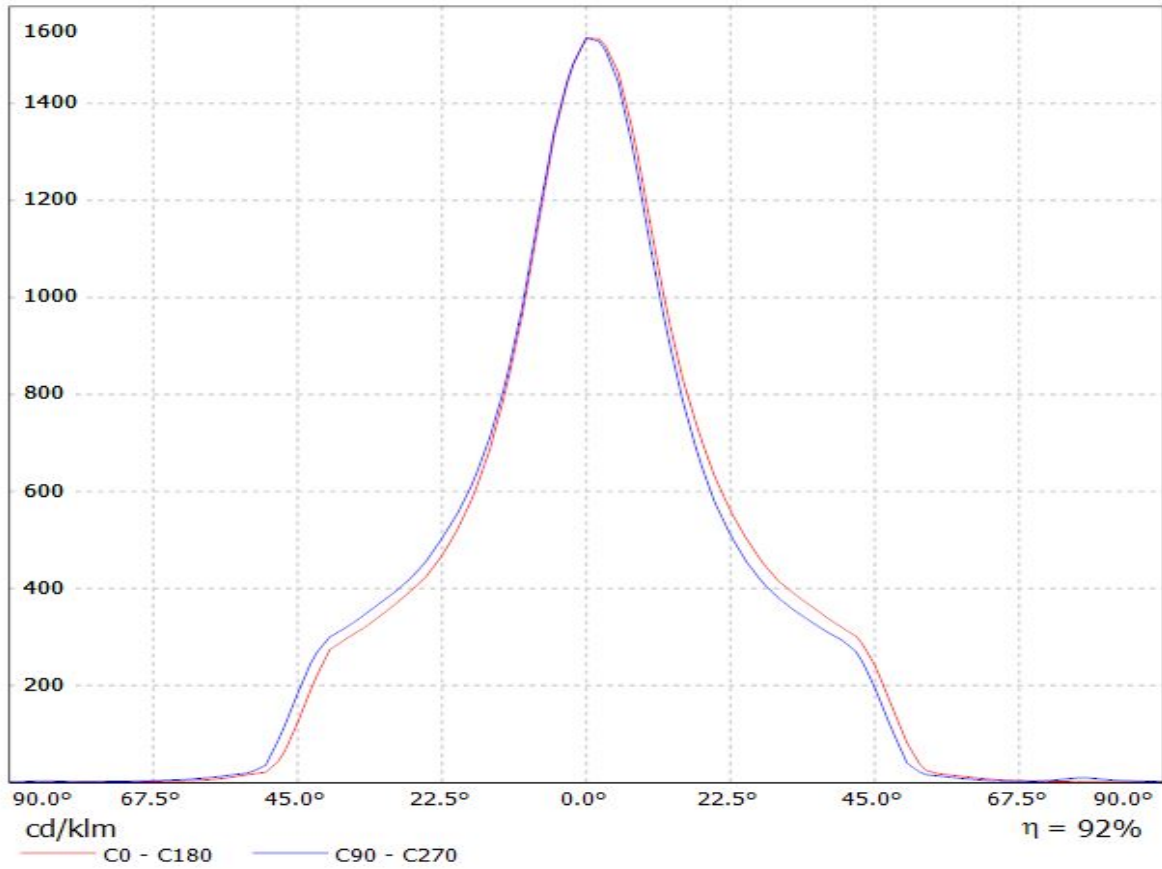


Luminaire: LEDiL Oy F13401_ANGELINA-M_(LUXEON_CoB_1205) Eff. 94 %
Lamps: 1 x LUXEON CoB 1205 (LHC1-3080-1205) 1082lm@250mA CCT=3000K P=8.3W I=250mA

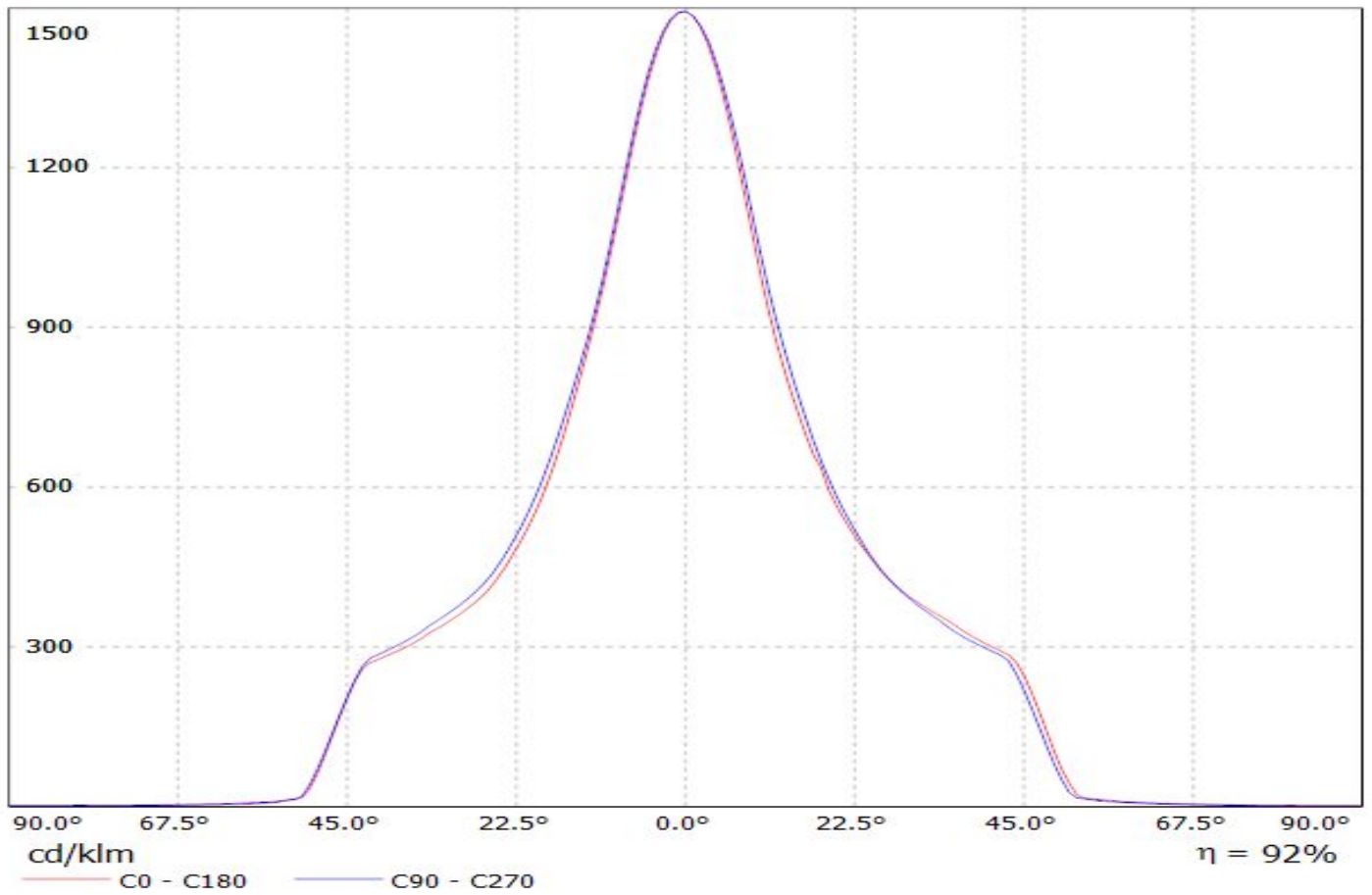


Luminaire: LEDiL Oy F13401_ANGELINA-M_(CLL030) Eff.92.3%

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

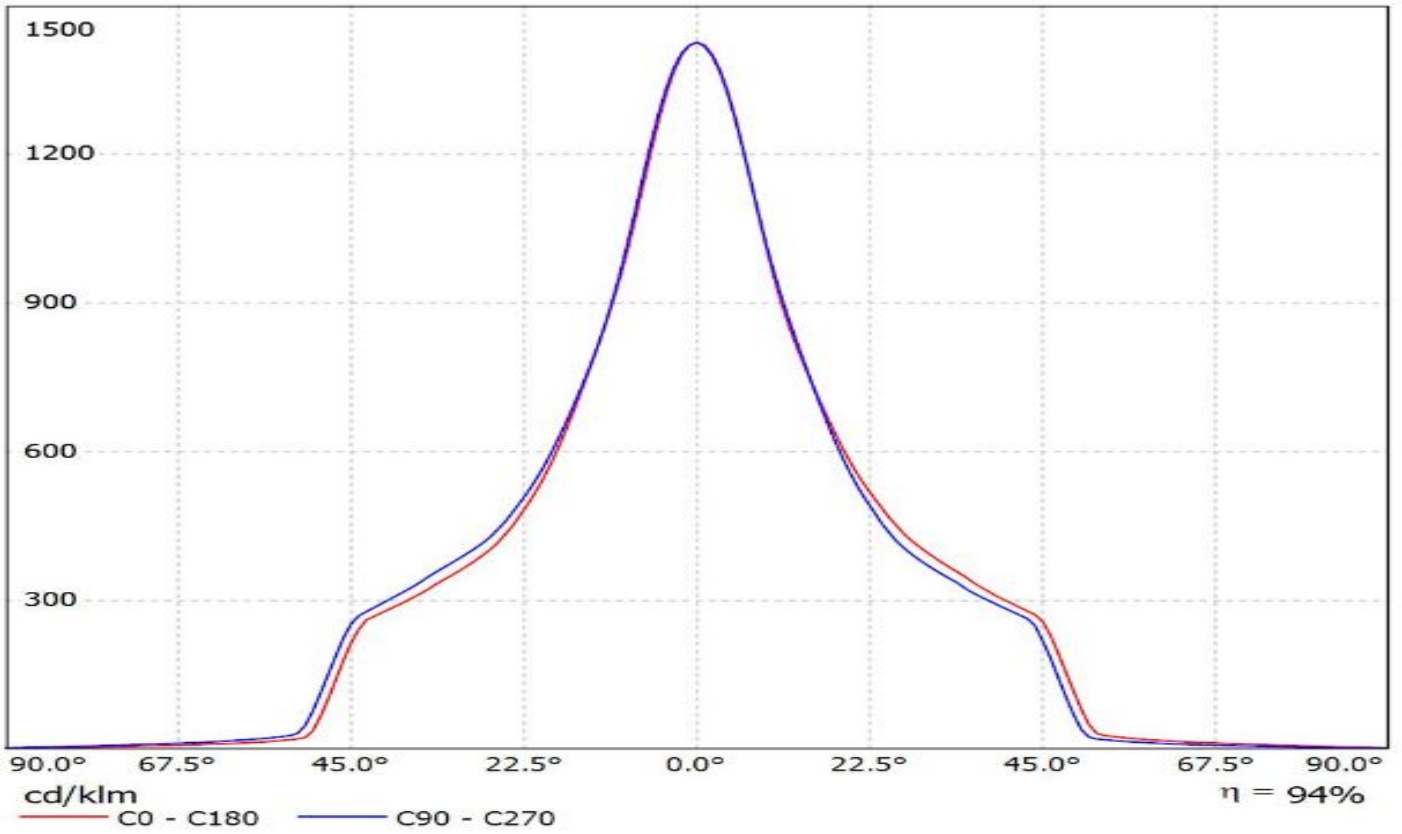


Luminaire: LEDiL Oy F13401_ANGELINA-M_(Fortimo LED SLM L13 G4)
Lamps: 1 x Fortimo LED SLM L13 G4_1106.74lm@250mA_P=8.38104W_I=0.2498A

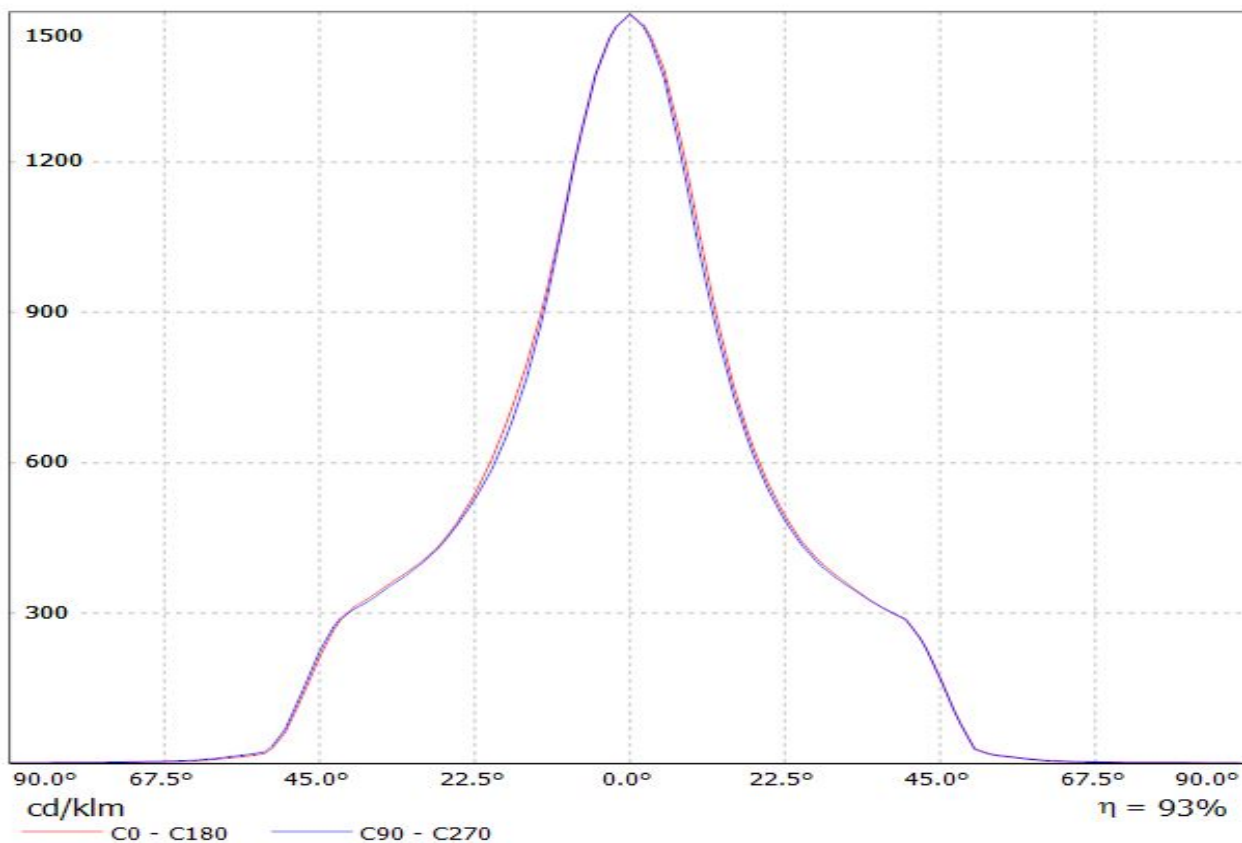


Ledil F13401_ANGELINA-M_(CLU720) / LDC (Linear)

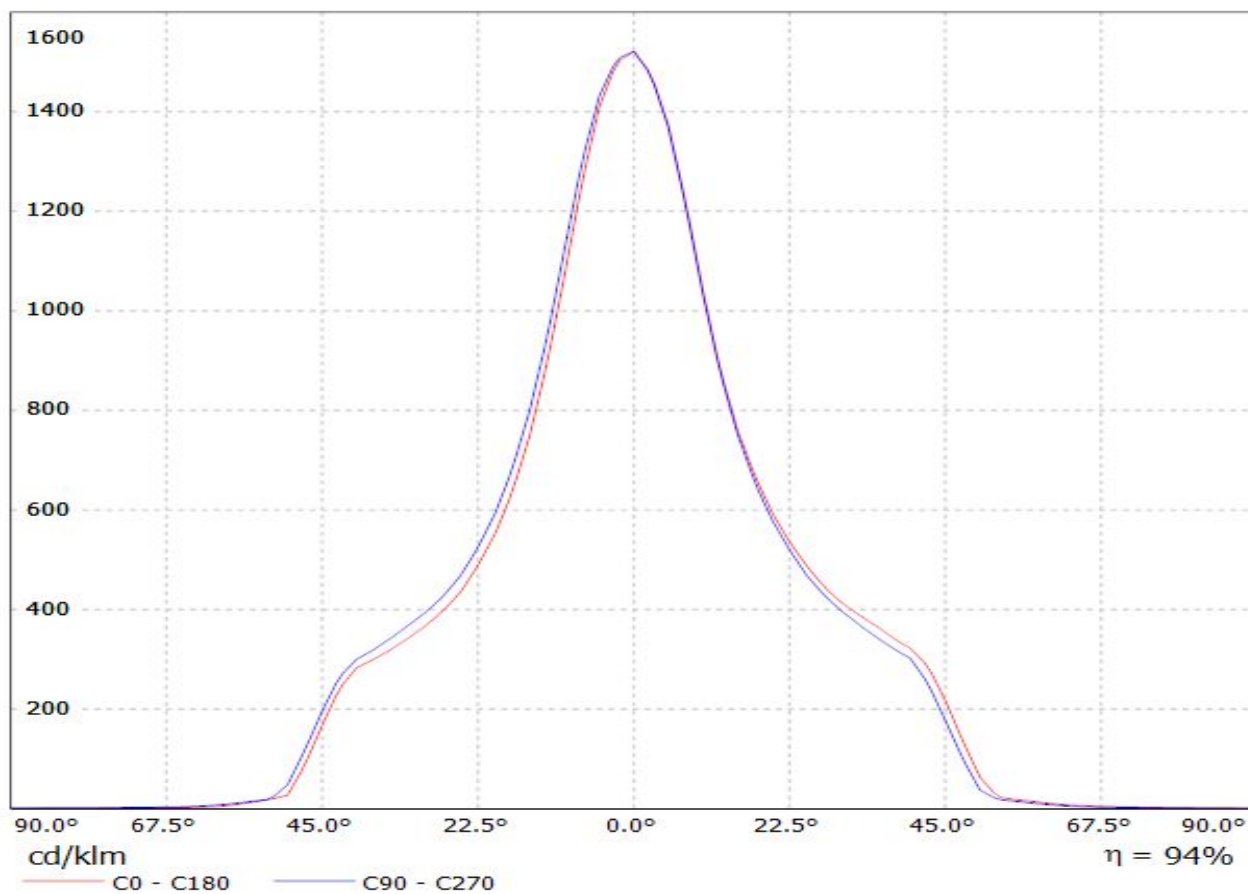
Luminaire: Ledil F13401_ANGELINA-M_(CLU720)
Lamps: 1 x CITIZEN_CLU720_(CLU720-1206B8-273M2)
_1340.38lm@250mA_CCT=2700K_P=8.35W_I=0.25A



Luminaire: LEDiL Oy F13401_ANGELINA-M_(LUXEON_COB_1208) Eff.92.5%
Lamps: 1 x LUXEON_COB_1208_(LHC1-3080-1208)_1015.13lm@250mA_CCT=3000K_P=8.15972W_I=249.8mA

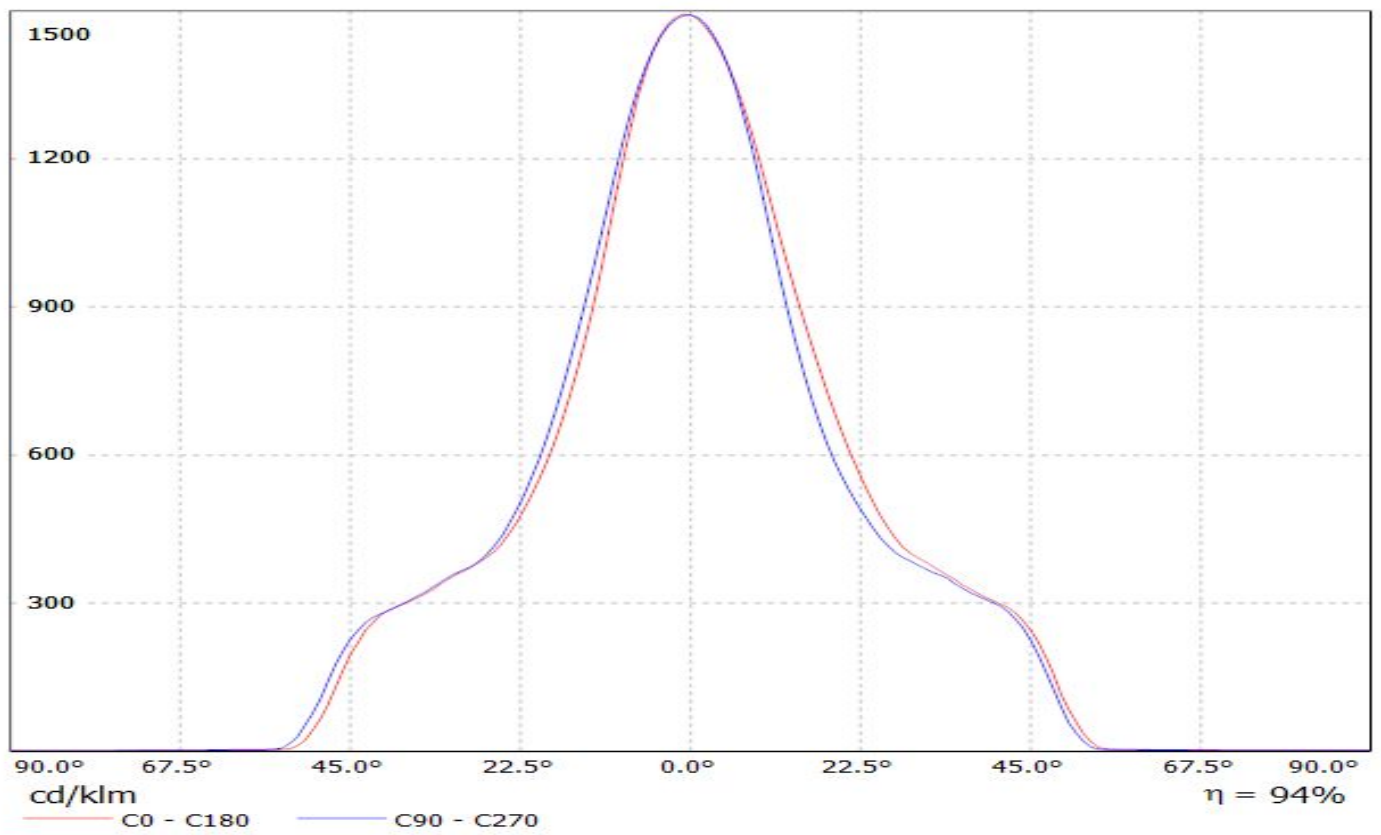


Luminaire: LEDiL Oy F13401_ANGELINA-M_(NSCxJ216A) Eff.93.5%
Lamps: 1 x NICHIA_NSCxJ216A_(NSCLJ216AE)_949.847lm@250mA_CCT=3000K_P=7.96937W_I=249.8mA

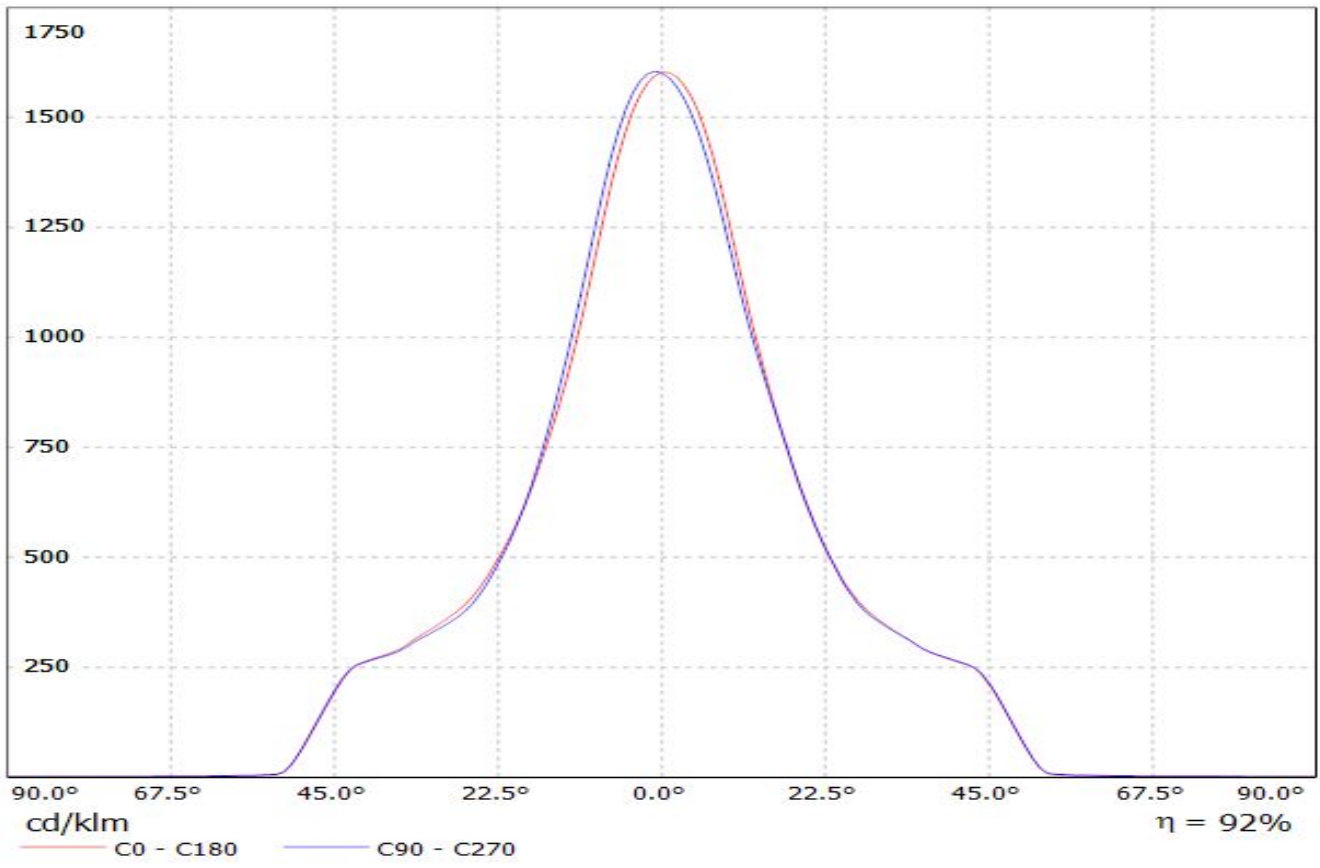


LEDiL Oy C13401_ANGELINA-M_(LUXEON_K16) Eff.93.6% / LDC (Linear)

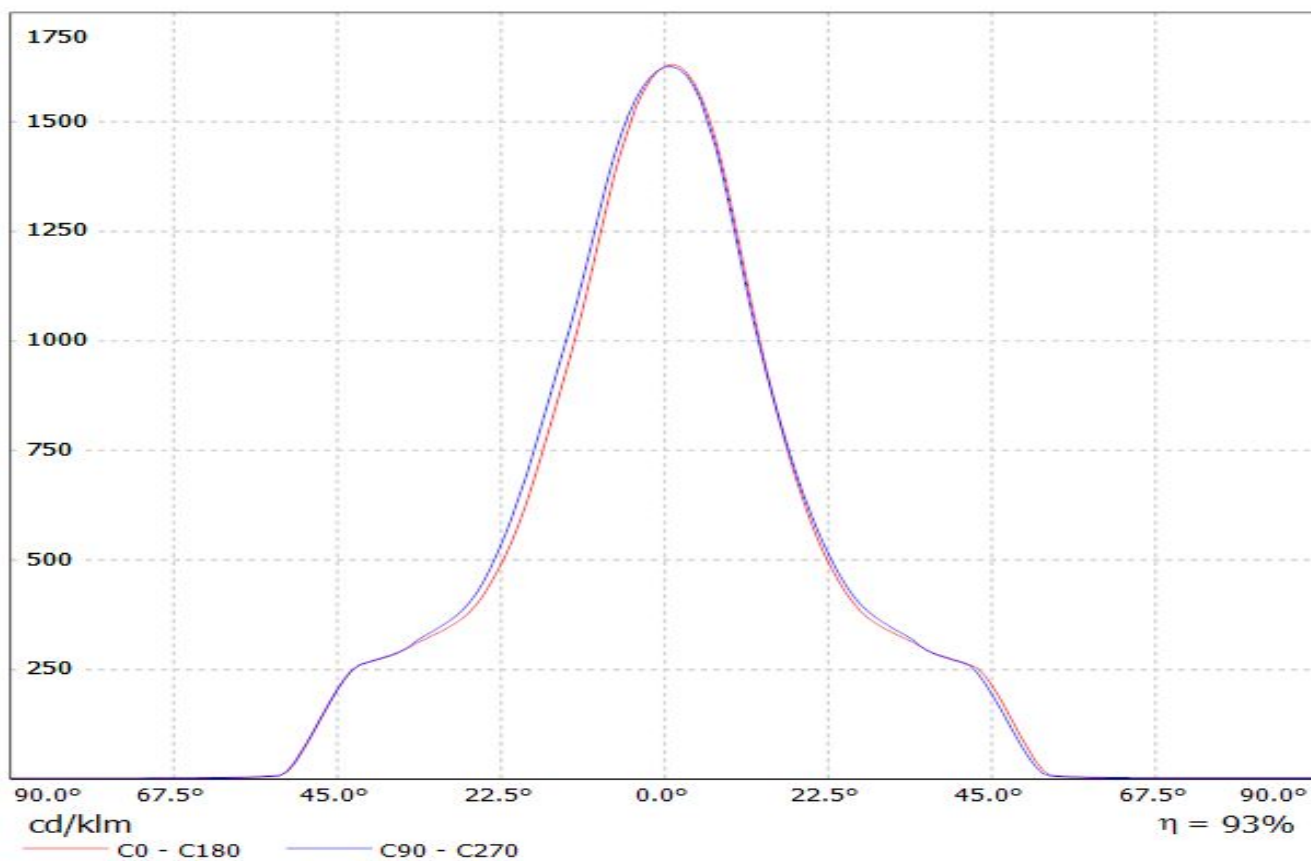
Luminaire: LEDiL Oy C13401_ANGELINA-M_(LUXEON_K16) Eff.93.6%
Lamps: 1 x LUXEON_K16 (1204.33lm@250mA)



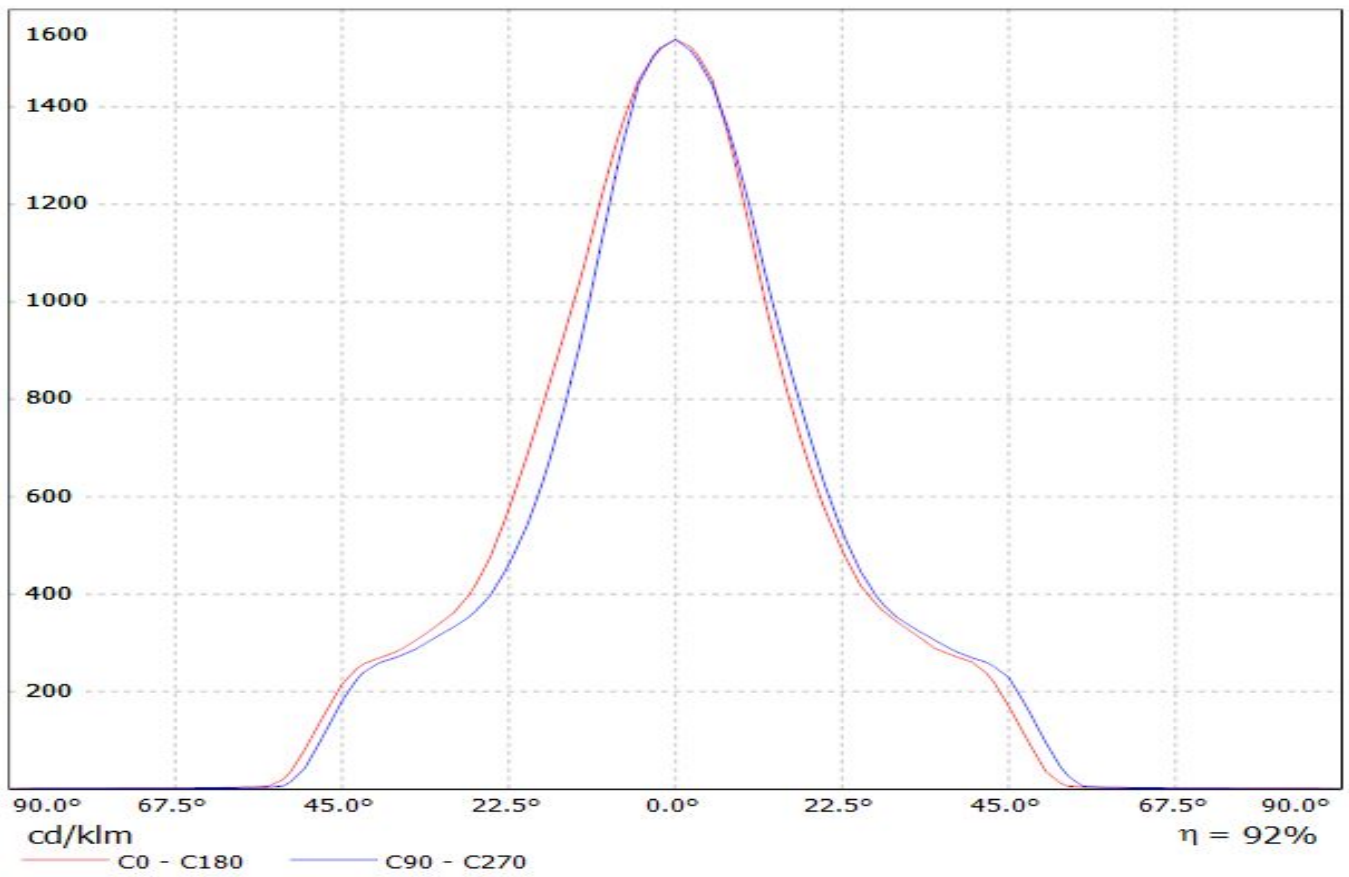
Luminaire: LEDiL Oy F13401_ANGELINA-M_(MegaZenigata) 92.0%
Lamps: 1 x MegaZenigata_GW6DME (518.495lm@100mA)



Luminaire: LEDiL Oy F13401_ANGELINA-M_(LUXEON_CoB_1208) Eff: 93 %
Lamps: 1 x Luxeon CoB 1208 (LHC1-3080-1208) 1029lm@250mA CCT=3000K P=8.2W I=250mA

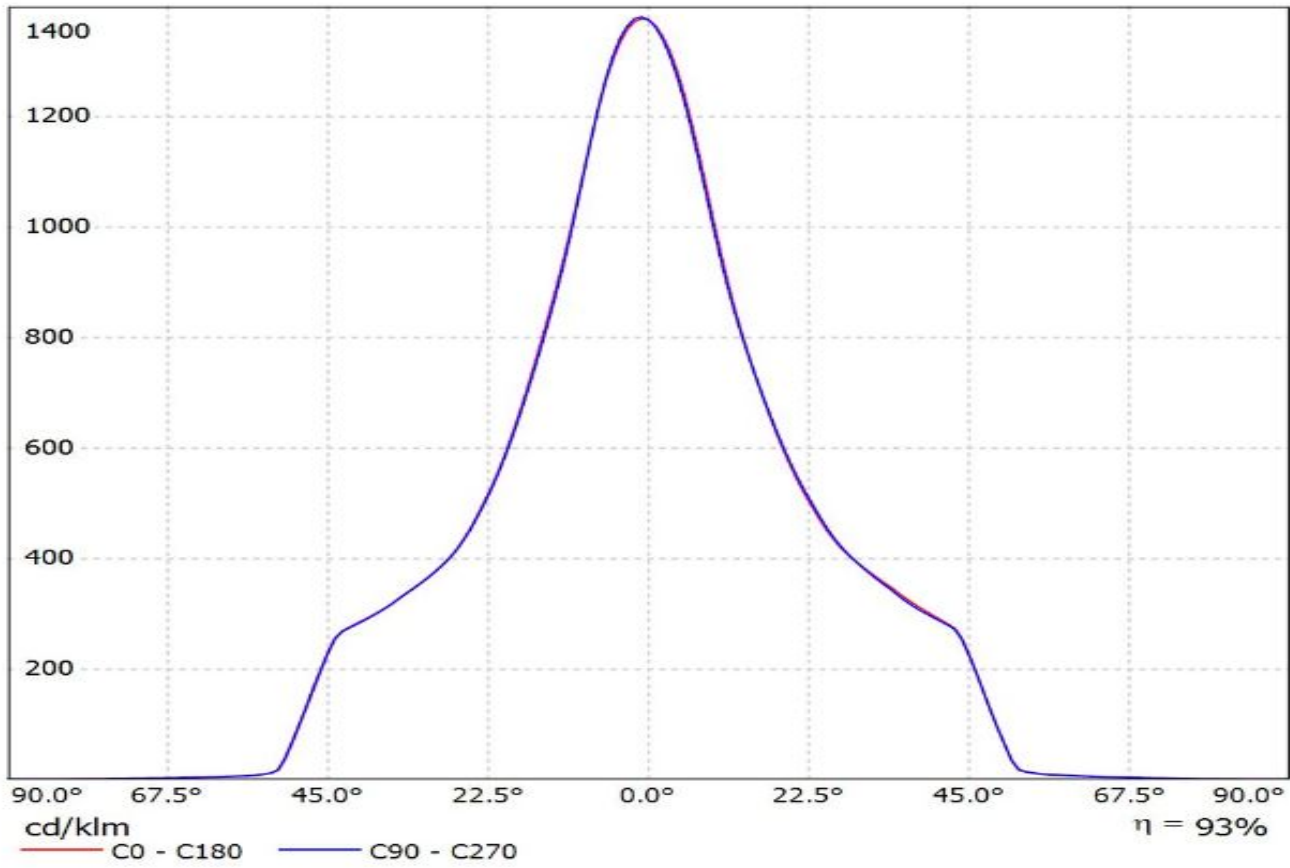


Luminaire: LEDiL Oy F13401_ANGELINA-M_(STARK_SLE_G2_LES19) Eff.91.6%
Lamps: 1 x TRIDONIC STARK SLE G2 LES19 830 CLA 964.643lm@250mA CCT=3000K P=8W I=250mA

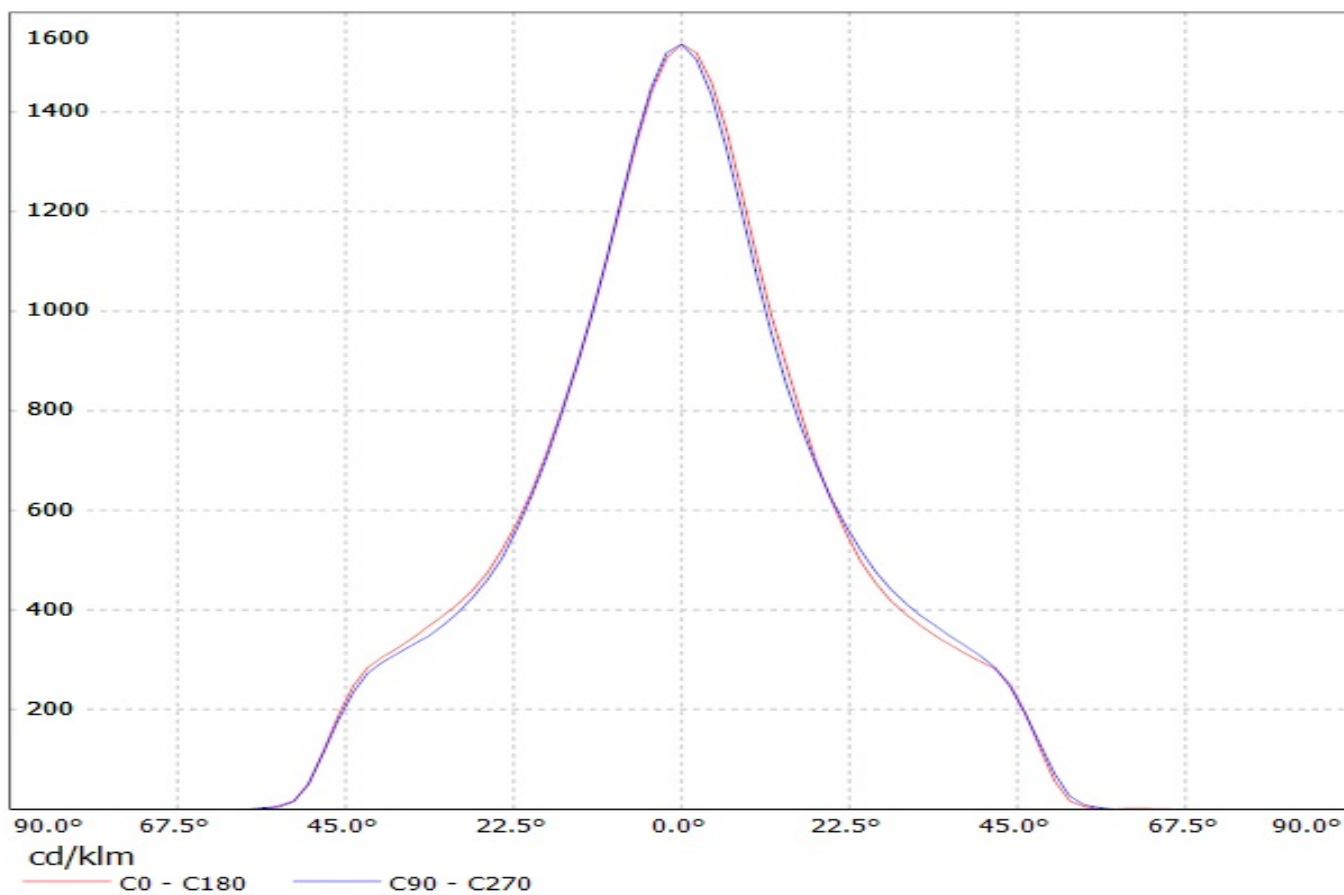


Luminaire: LEDiL Oy F13401_ANGELINA-M_(SOLERIQ_P13)

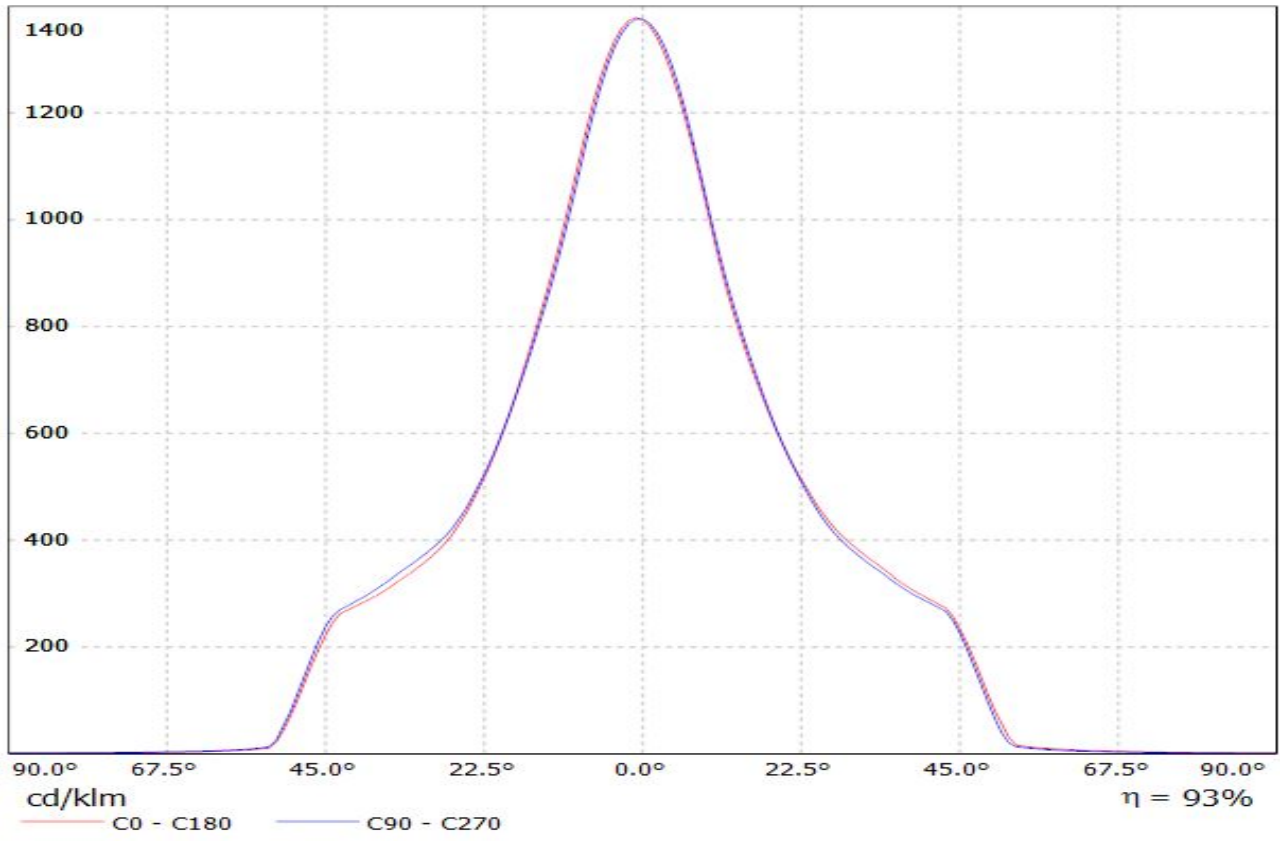
Lamps: 1 x SOLERIQ_P13_(GW_MAGMB1.EM)_1038.25lm@250mA_CCT=3000K_P=8.77223W_I=249.8mA



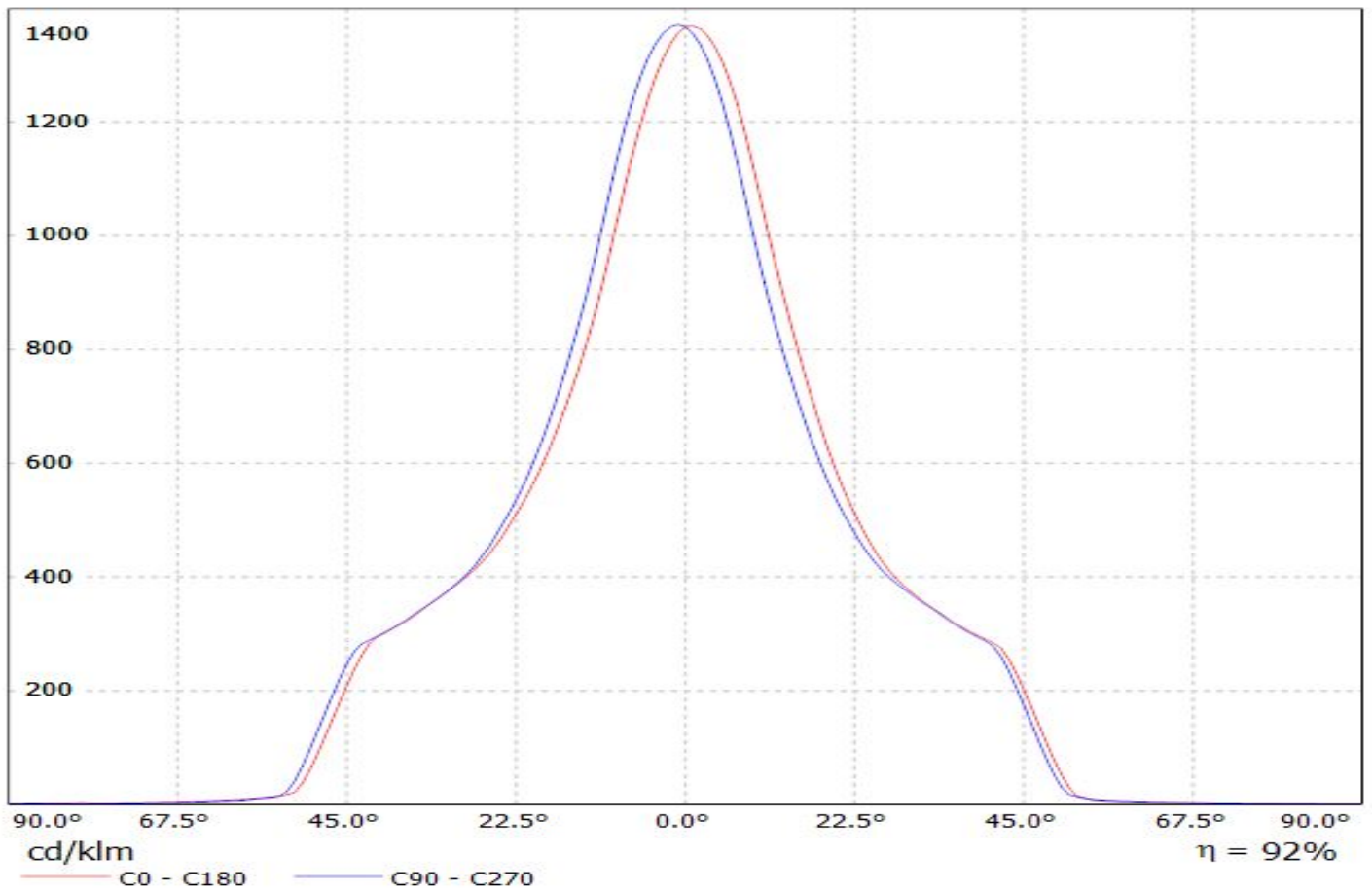
Luminaire: LEDil Oy F13401_ANGELINA-M_(Soleriq_S13) Efficiency=94%
Lamps: 1 x Osram Soleriq S13 (GW KAGHB1.EM) 855lm @ 250mA CCT=3100K P=7.5W I=250mA



Luminaire: LEDiL Oy F13401_ANGELINA-M_(CXM-14)
Lamps: 1 x LUMINUS_CXM-14_1114.36lm@250mA_P=8.36106W_I=249.8mA

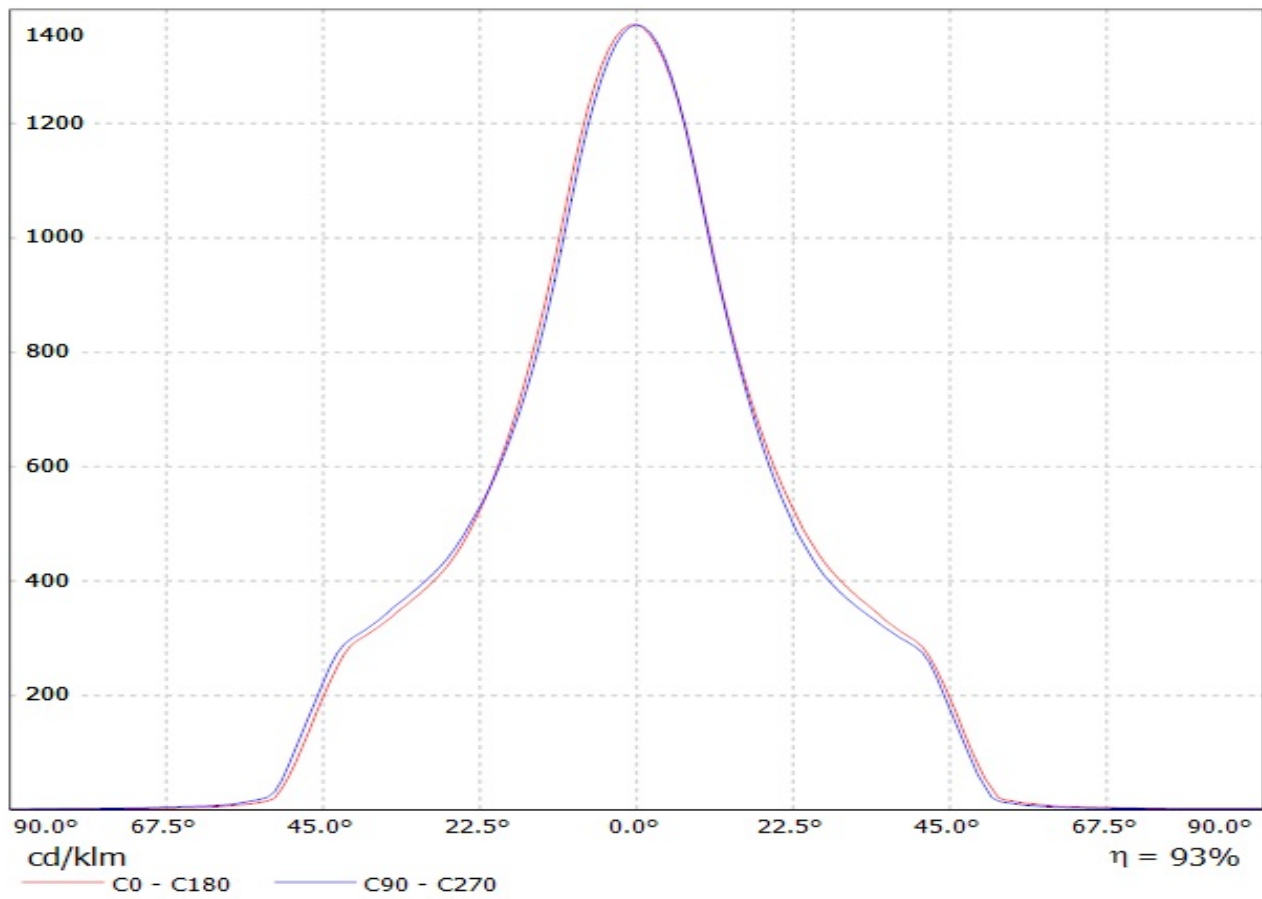


Luminaire: LEDiL Oy F13401_ANGELINA-M_(Fortimo LED SLM L15 G4)
Lamps: 1 x Fortimo LED SLM L15 G4_1116.47lm@250mA_P=8.21168W_I=0.2498A



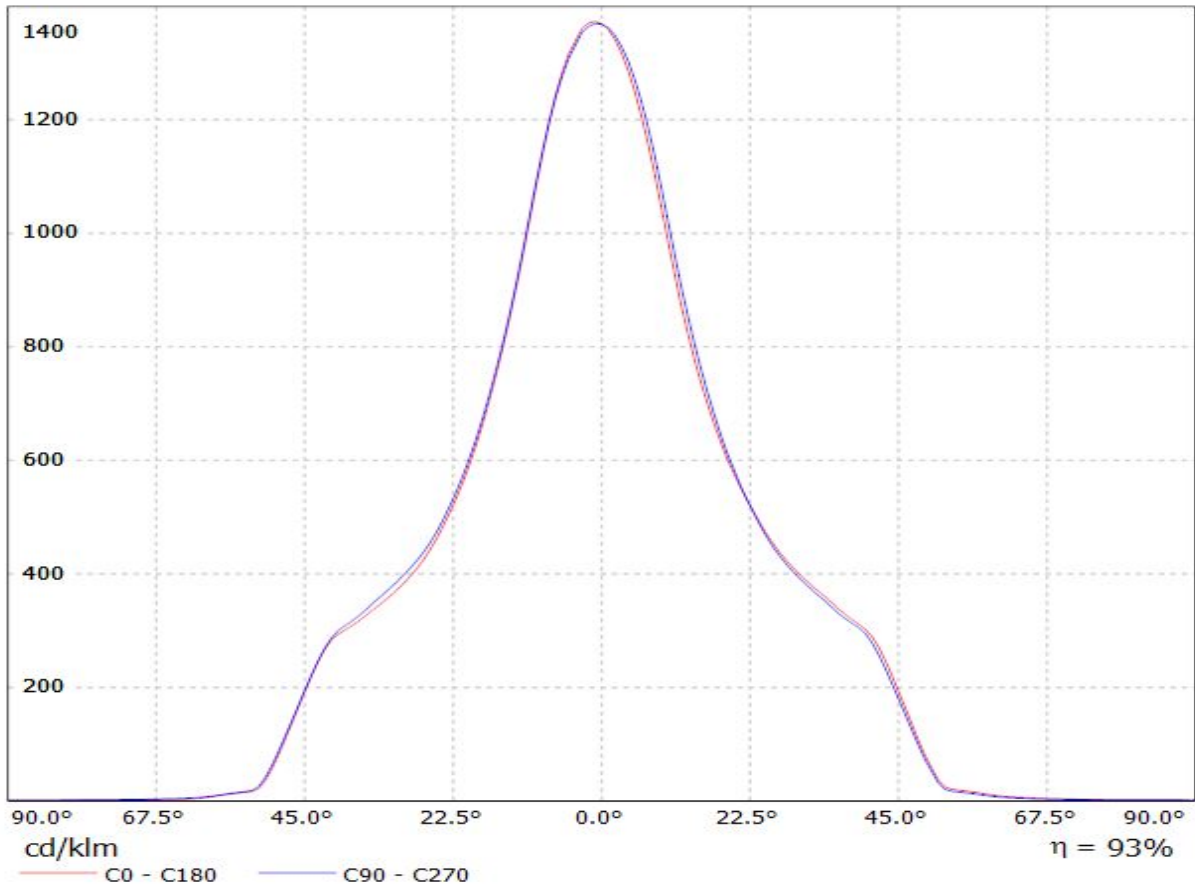
Luminaire: LEDiL Oy F13401_ANGELINA-M_(PrevaLED_Z4) Eff.93%

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

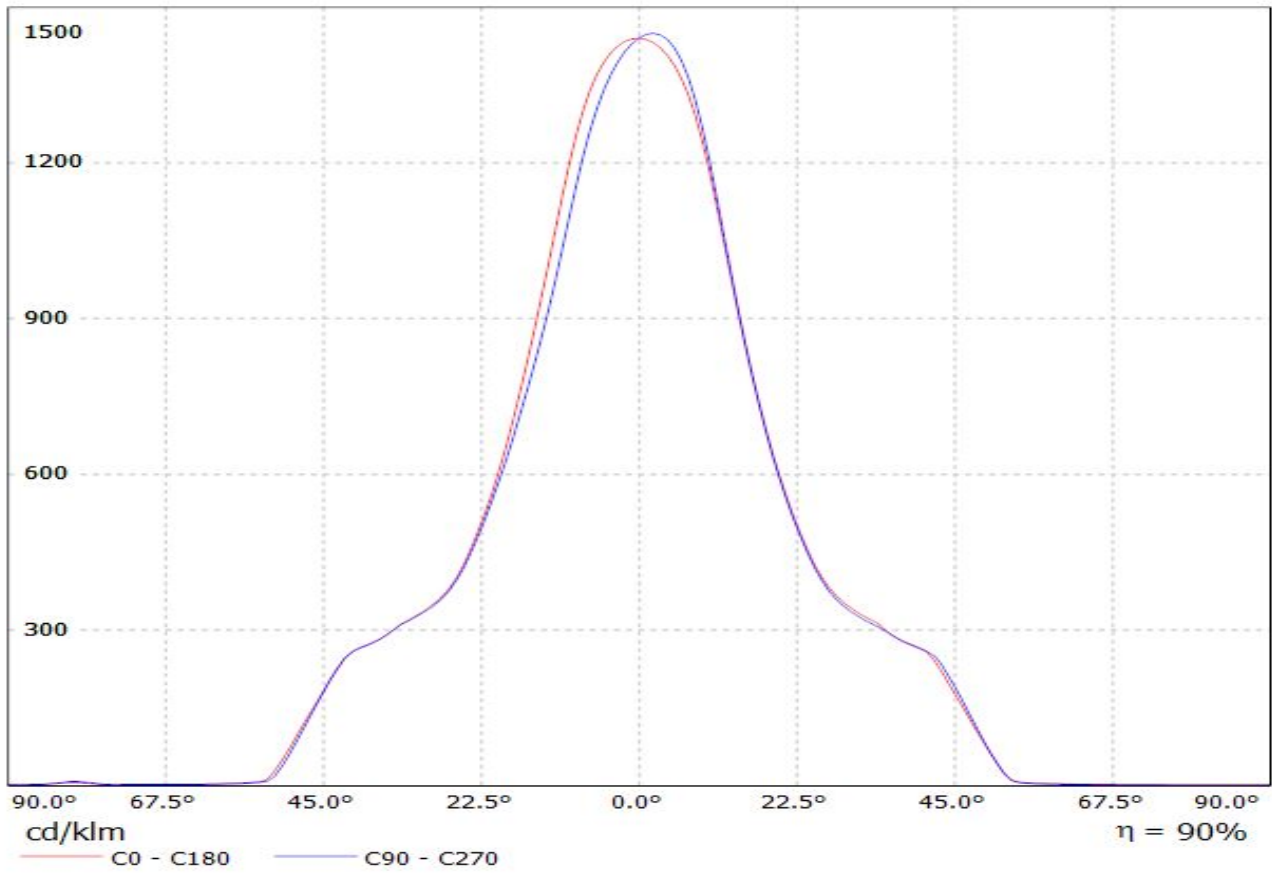


Luminaire: LEDiL Oy F13401_ANGELINA-M_(CXA25) Eff.93.0%

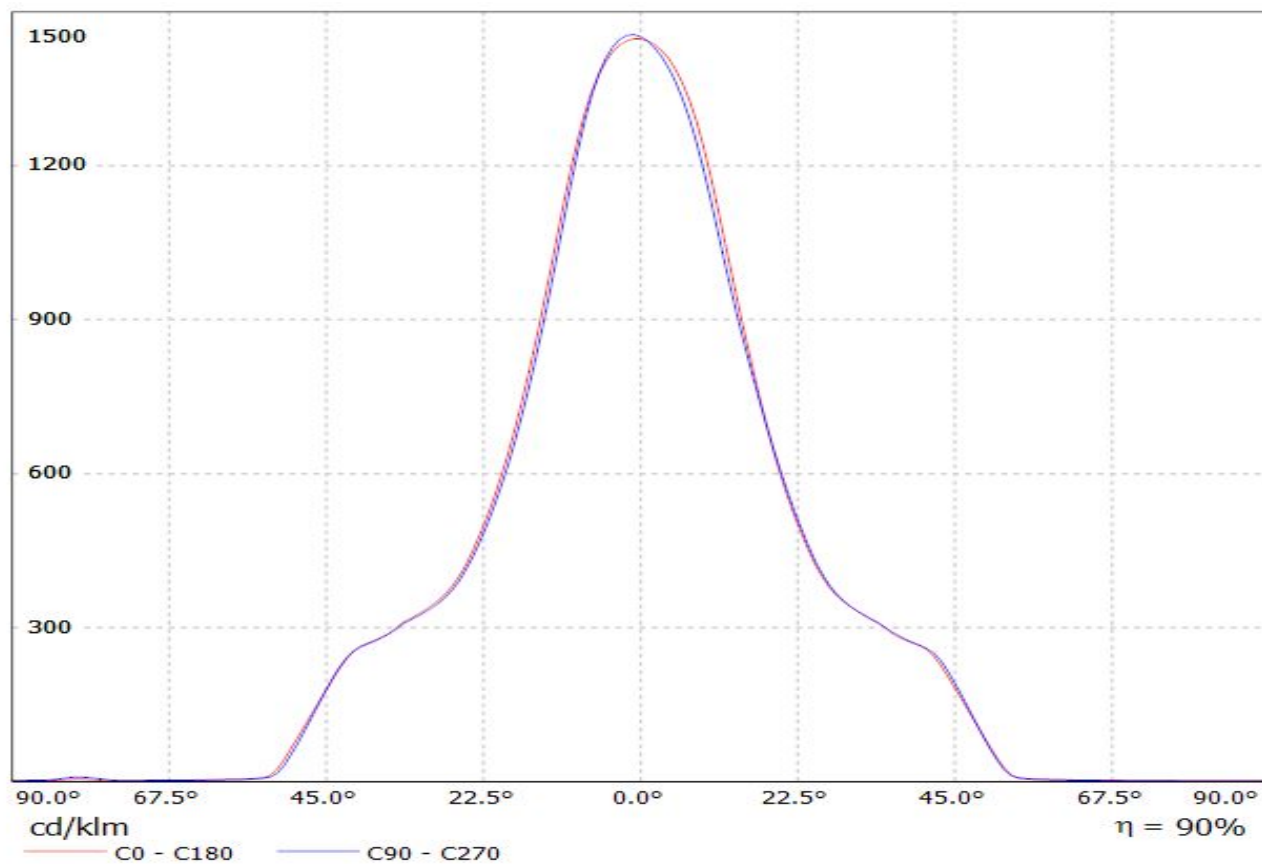
Lamps: 1 x CREE_CXA25_(CXA2530-7C0-T2-N0H)_1151.98lm@250mA_CCT=3000K_P=8.4892W_I=249.8mA



Luminaire: LEDiL Oy F13401_ANGELINA-M_(FORTIMO_2000) Eff.90.5%
Lamps: 1 x PHILIPS Fortimo LED SLM 2000 23W/930 L19 G3 665.774lm@250mA CCT=3000K P=6W I=250mA

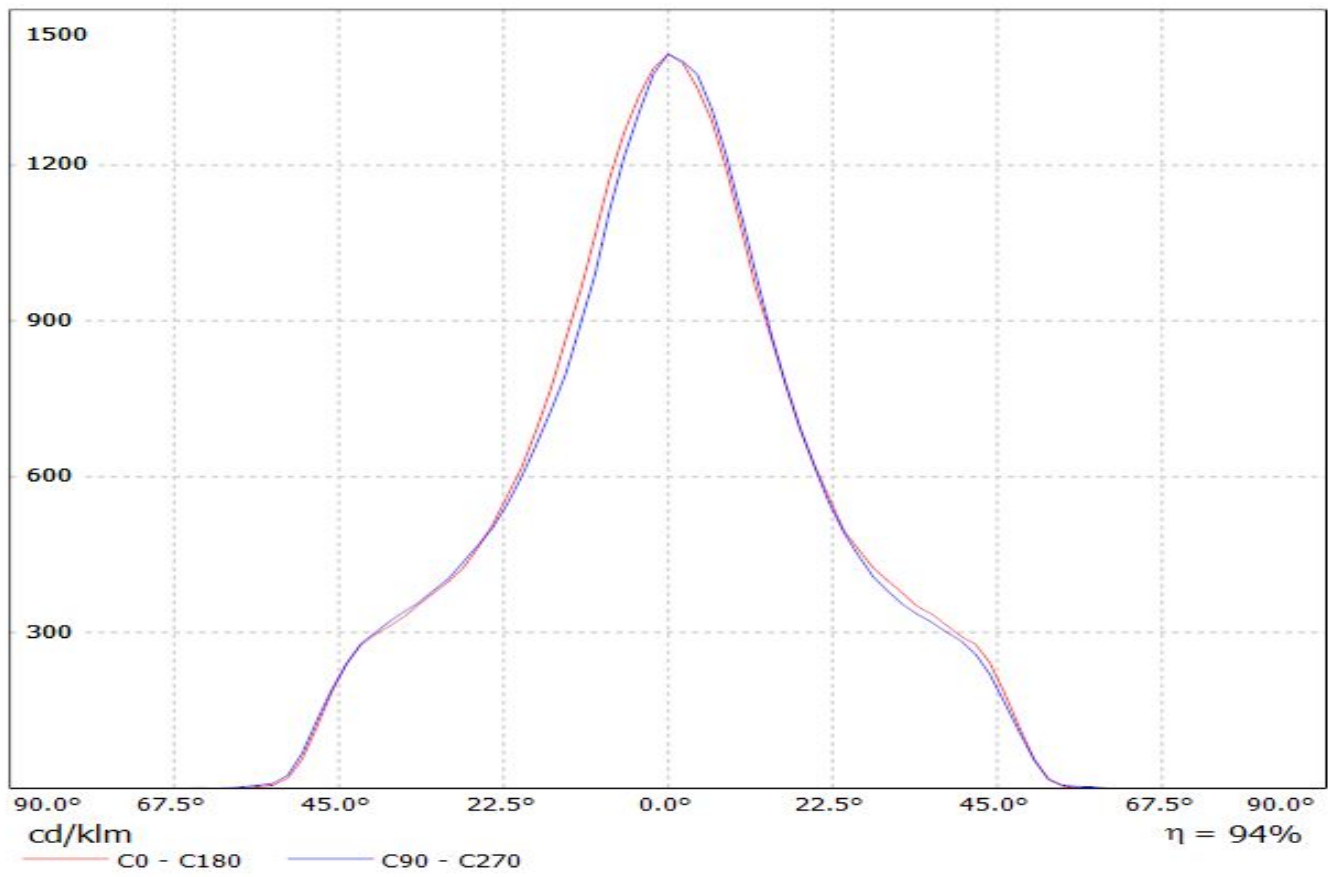


Luminaire: LEDiL Oy F13401_ANGELINA-M_(FORTIMO_3000) Eff.90.3%
Lamps: 1 x PHILIPS Fortimo LED SLM 3000 28W/830 L19 G3 1046.76lm@250mA CCT=3000K P=9W I=250mA

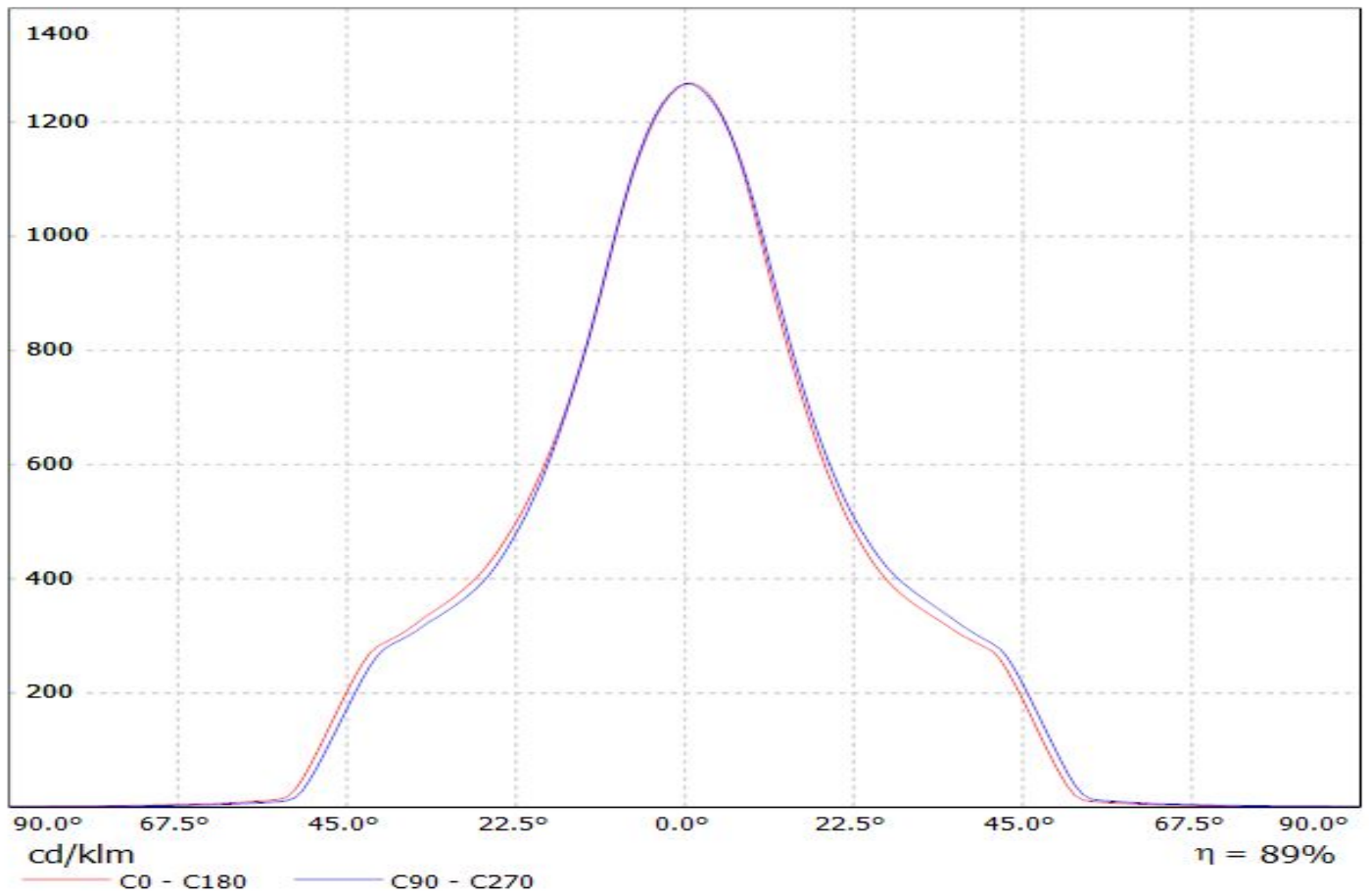


Luminaire: LEDiL F13401_ANGELINA-M_(CLL030)

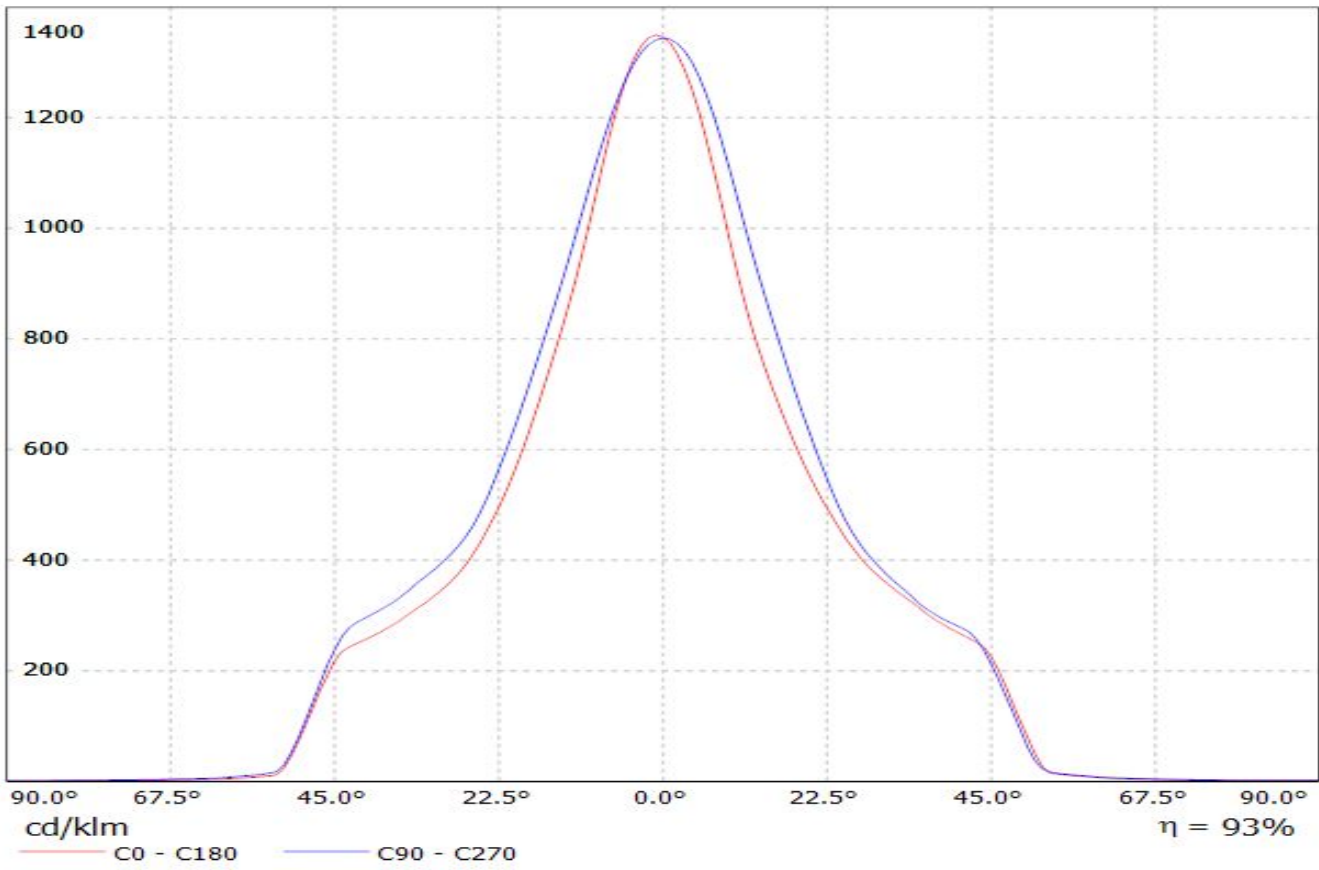
Lamps: 1 x CLL030 740lm@250mA (CLL030-1205A5-303H1A7) CCT:3000K P:8.6W



Luminaire: LEDiL Oy F13401_ANGELINA-M_(SLE GEN4 LES19)
Lamps: 1 x SLE GEN4 LES19_1226.28lm@250mA_P=8.21367W_I=0.2498A

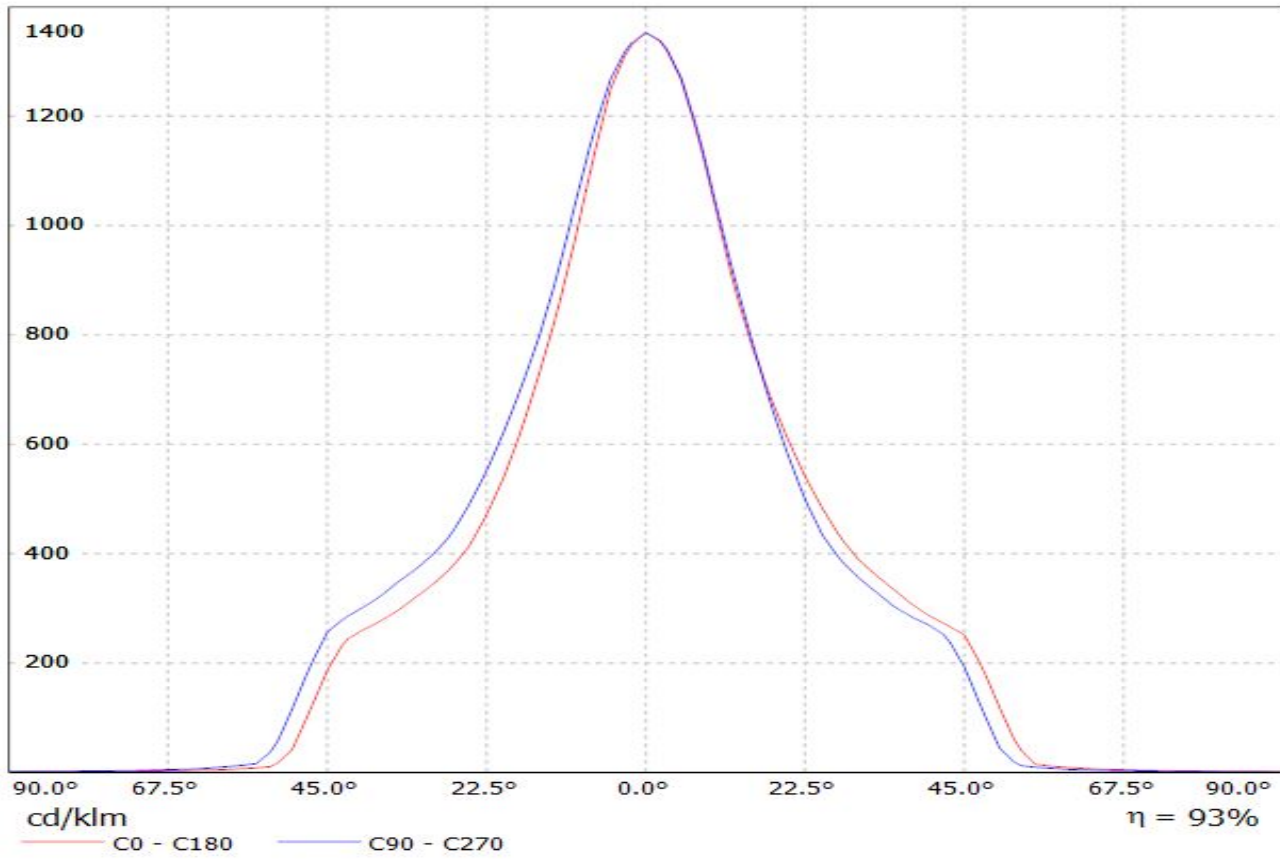


Luminaire: LEDiL Oy F13401_ANGELINA-M_(WU-M-461-827)
Lamps: 1 x Vossloh_WU-M-461-827_773.276lm@250mA_P=6.27423W_I=249.8mA

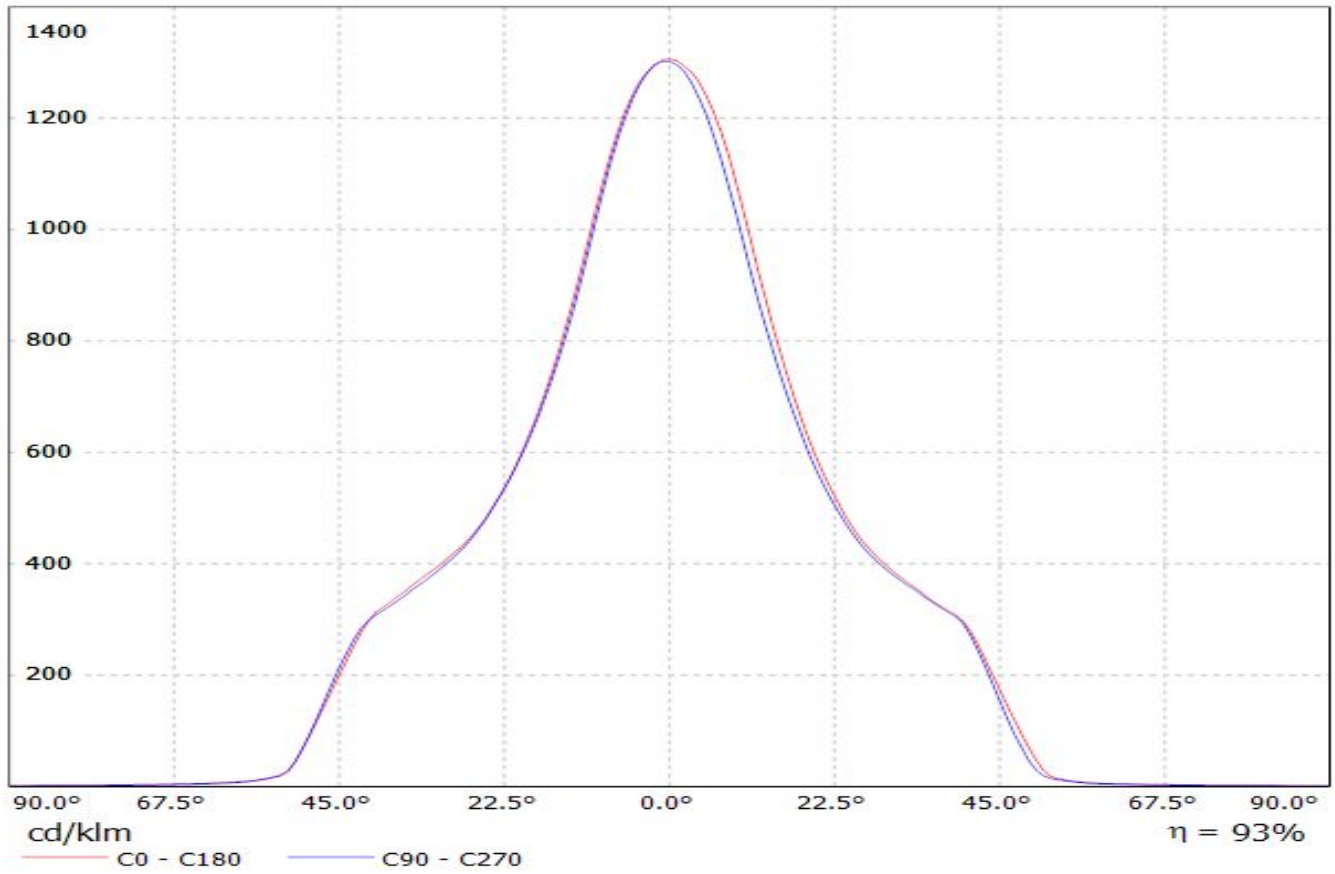


Luminaire: LEDiL Oy F13401_ANGELINA-M_(WU-M-484)

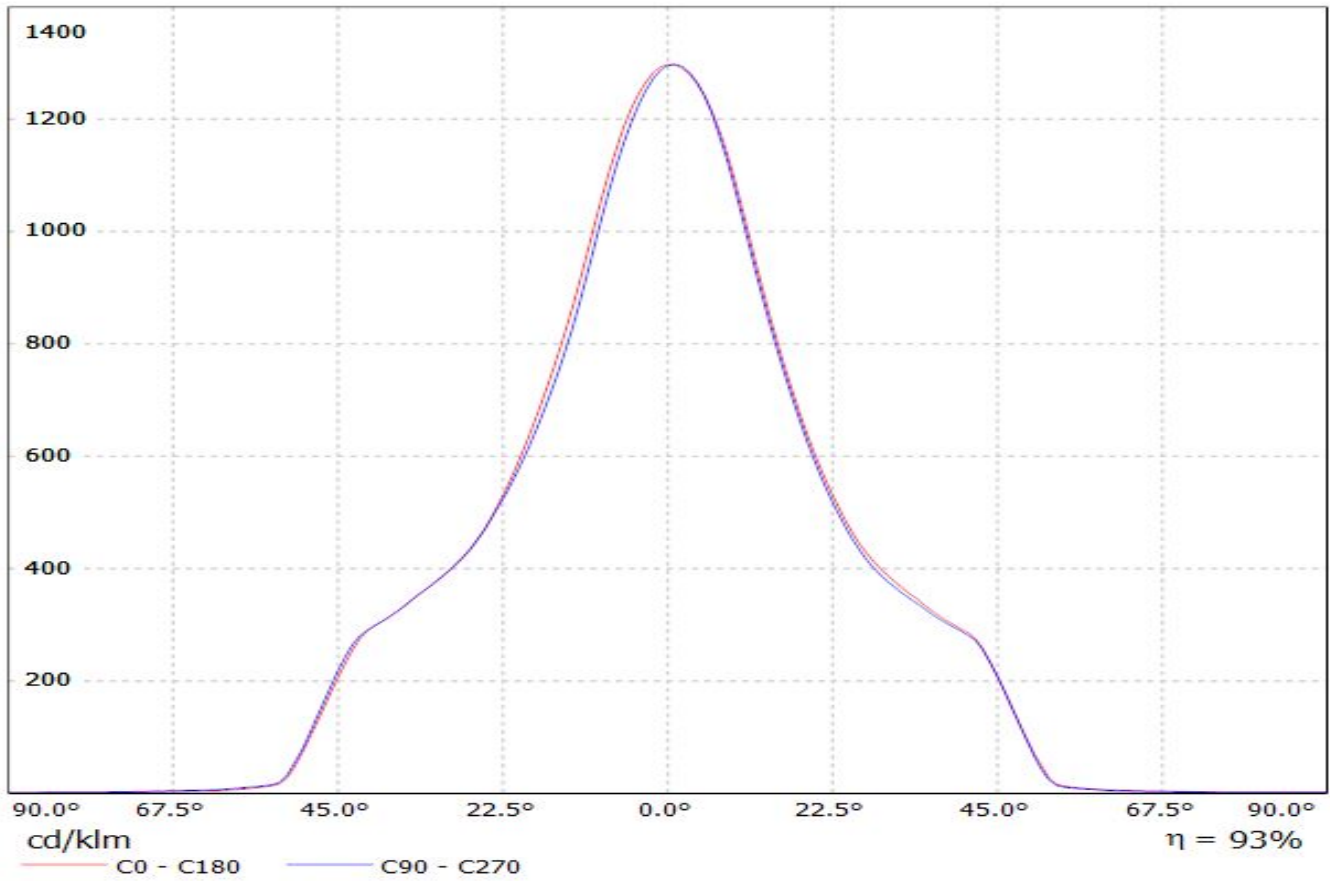
Lamps: 1 x Vossloh_Schwabe-WU-M-484_(WU-M-484-830)_657.125lm@250mA_P=5.59976W_I=249.9mA



Luminaire: LEDiL Oy F13401_ANGELINA-M_(LEP-2000-827-C-AC)
Lamps: 1 x OSRAM PrevaLED Core AC (LEP-2000-827-C-AC)

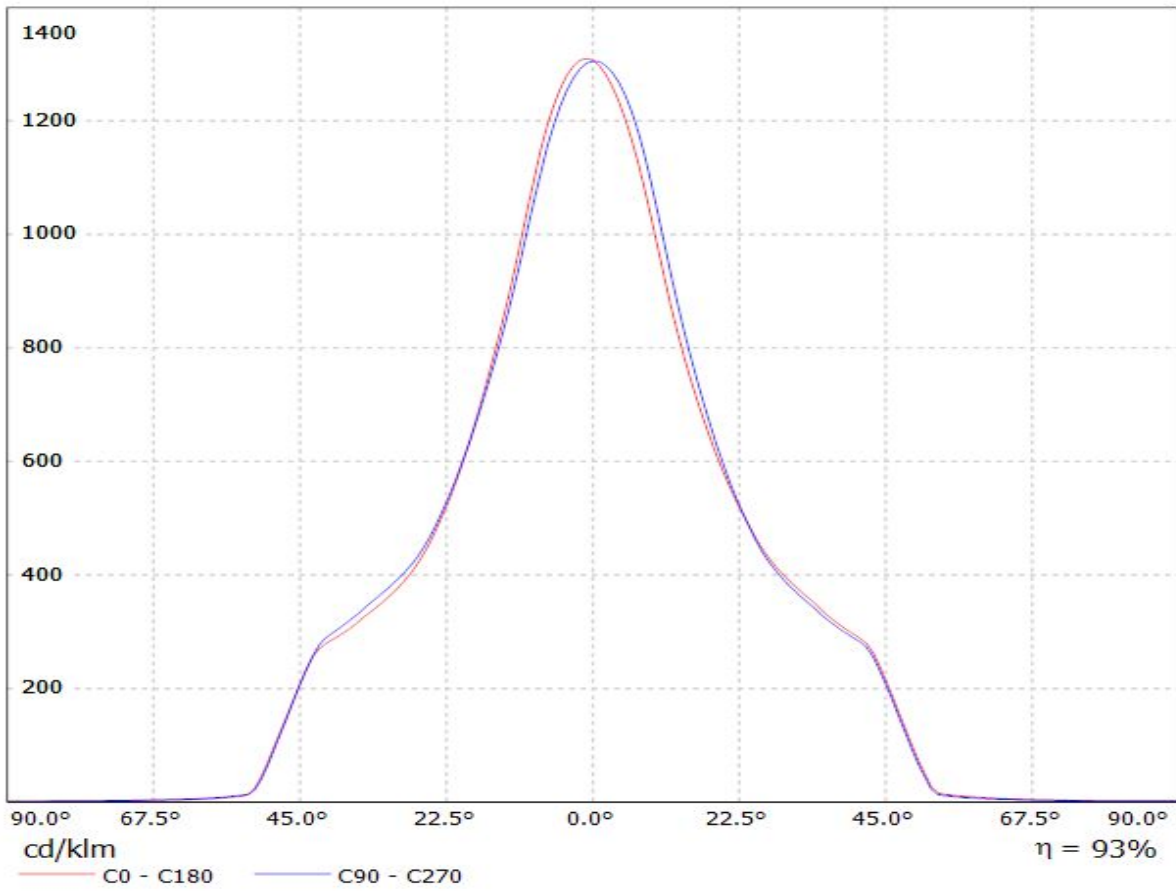


Luminaire: LEDiL Oy F13401_ANGELINA-M_(PrevaLED_LES19) Eff. 93%
Lamps: 1 x PrevaLED_LES219_(PL-CORE-2000-830-Z3)_1333.47lm@250mA_P=10.4584W_I=249.8mA

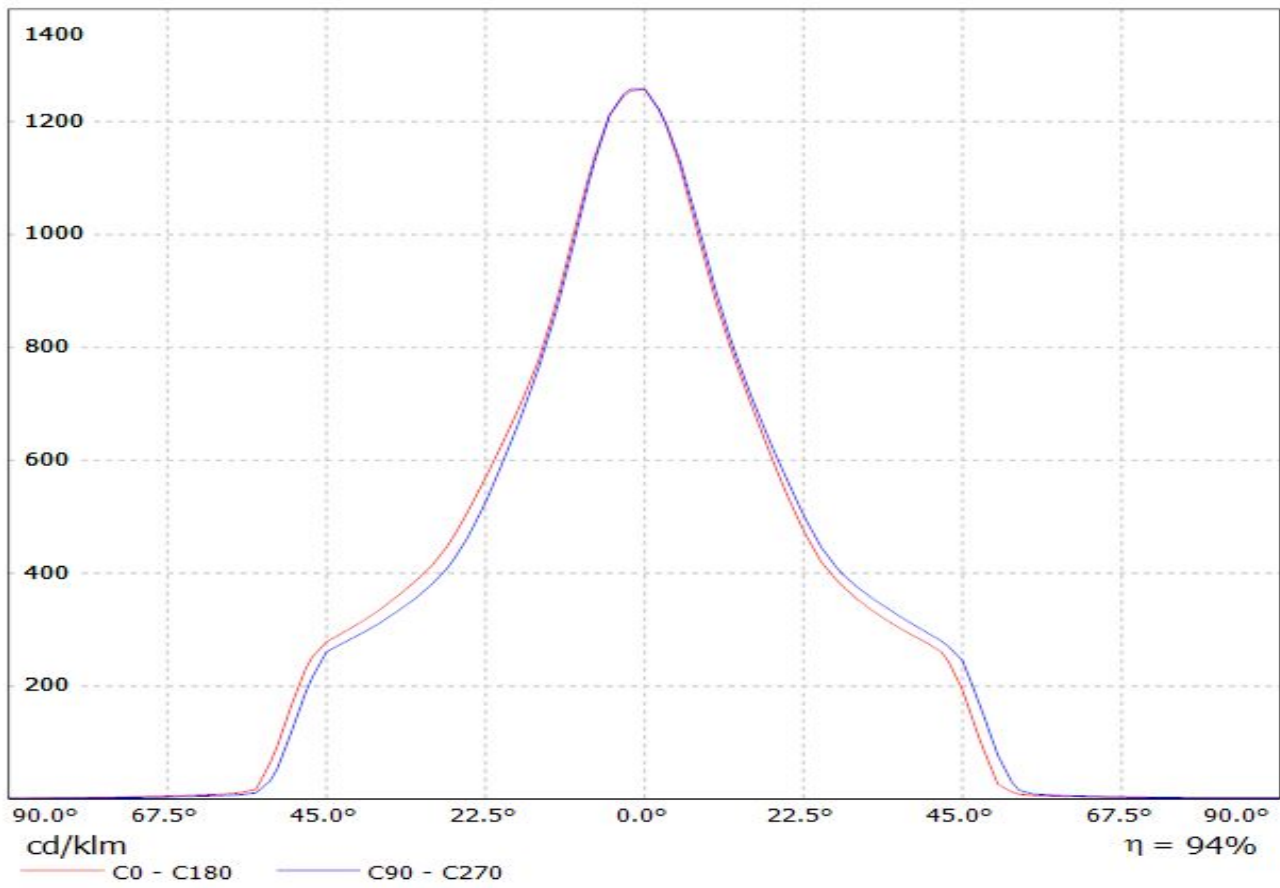


Luminaire: LEDiL Oy F13401_ANGELINA-M_(SOLERIQ_S19_&_TE_2213407-2)

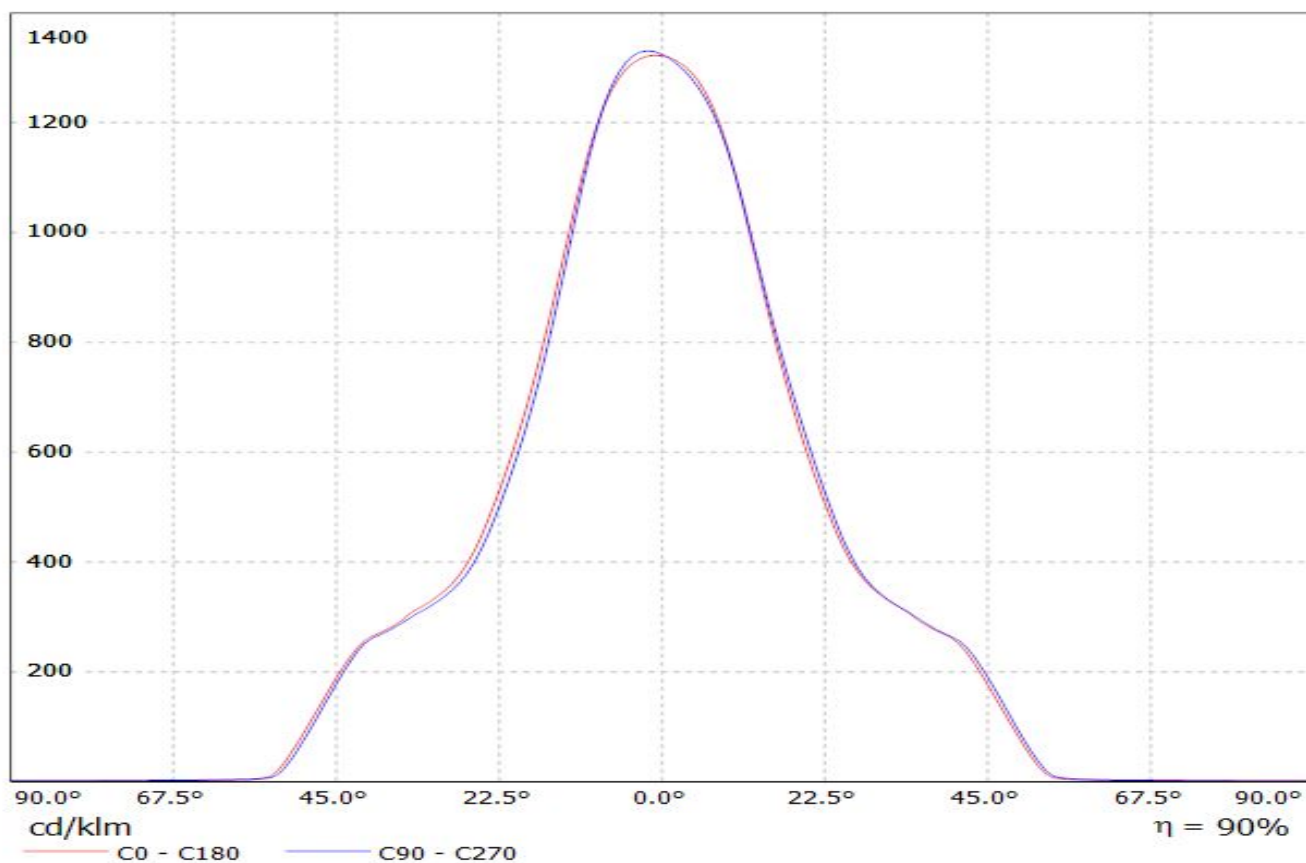
Lamps: 1 x OSRAM_SOLERIQ_S19_(GW_KAHJB1.EM)_1393.62lm@250mA_CCT=3000K_P=10.5683W_I=249.8mA



Luminaire: LEDiL Oy F13401_ANGELINA-M_(NSBxL121A)
Lamps: 1 x Nichia_NSBxL121A_914.478lm@250mA_P=7.56872W_I=249.9mA

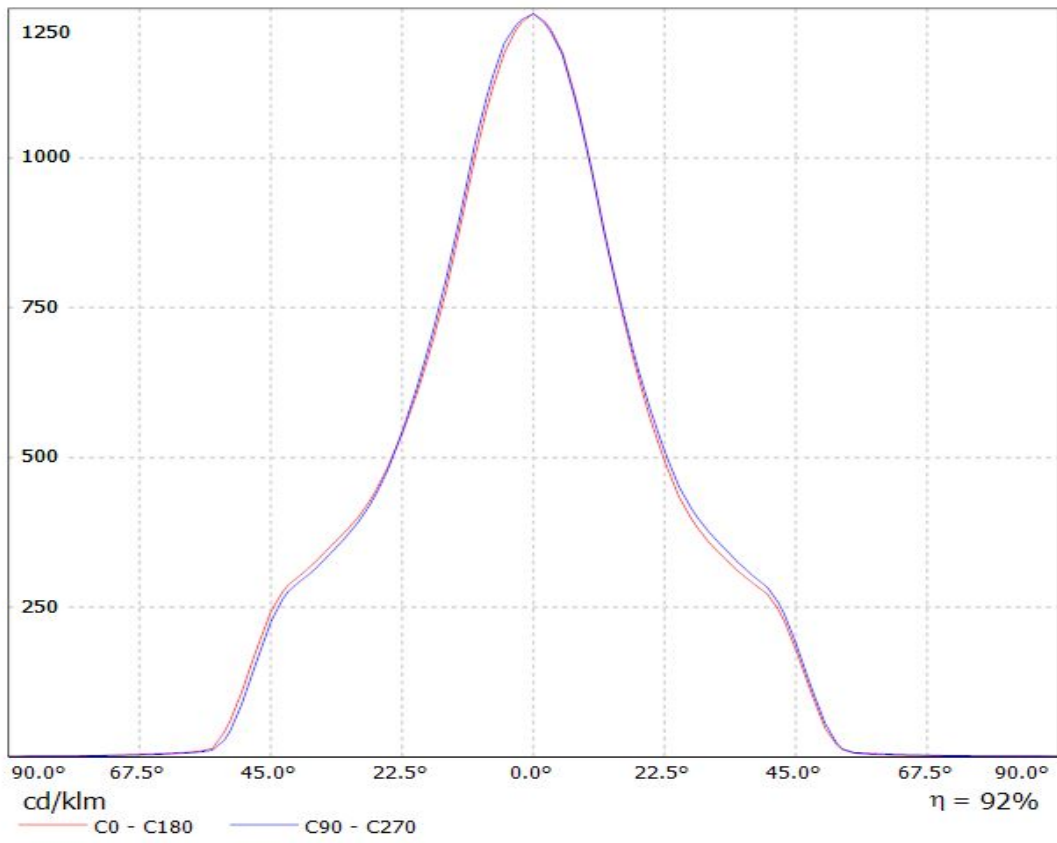


Luminaire: LEDiL Oy F13401_ANGELINA-M_(STARK_SLE_G2_LES23) Eff.90.2%
Lamps: 1 x TRIDONIC STARK SLE G2 LES23 830 CLA 982.731lm@250mA CCT=3000K P=8W I=250mA

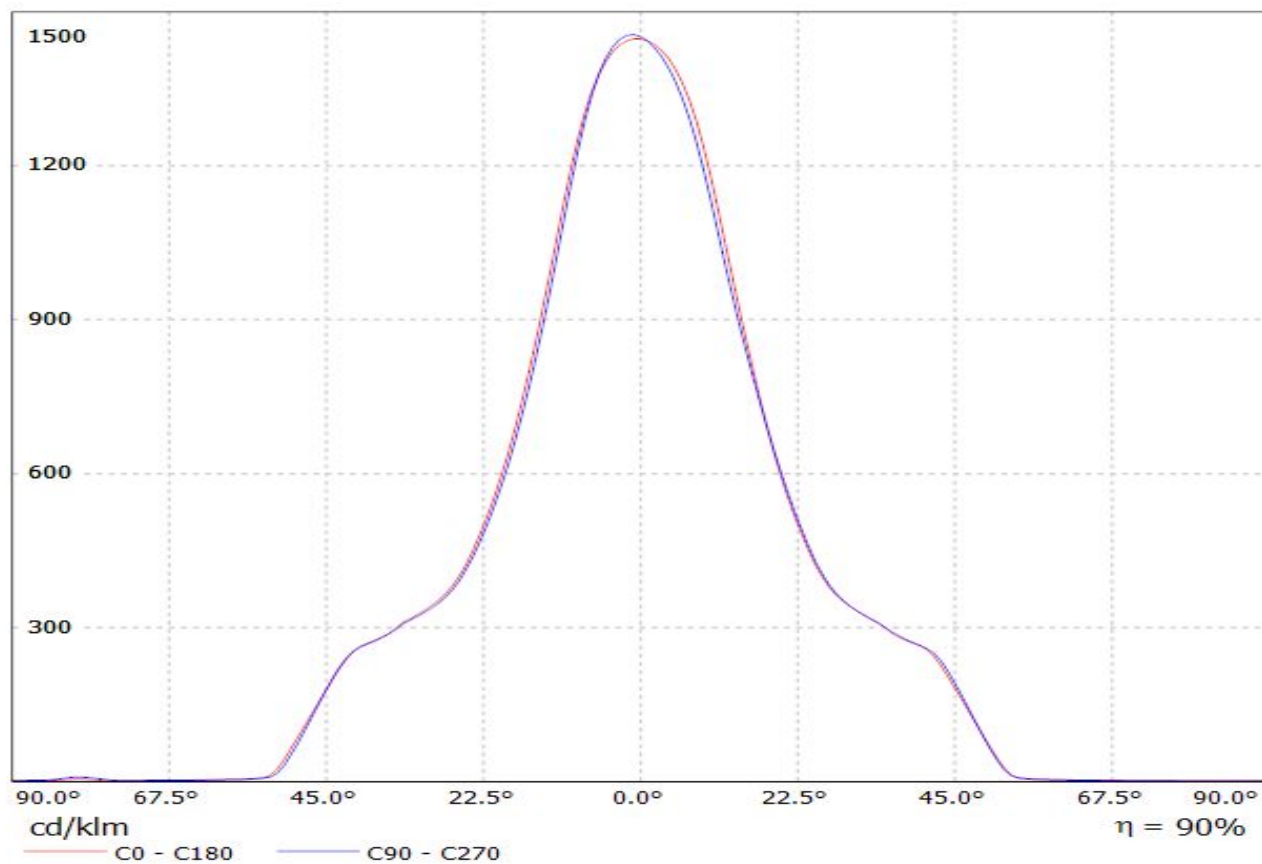


Luminaire: LEDiL Oy F13401_ANGELINA-M_(SLE_G3_LES19) Eff.92.1%

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

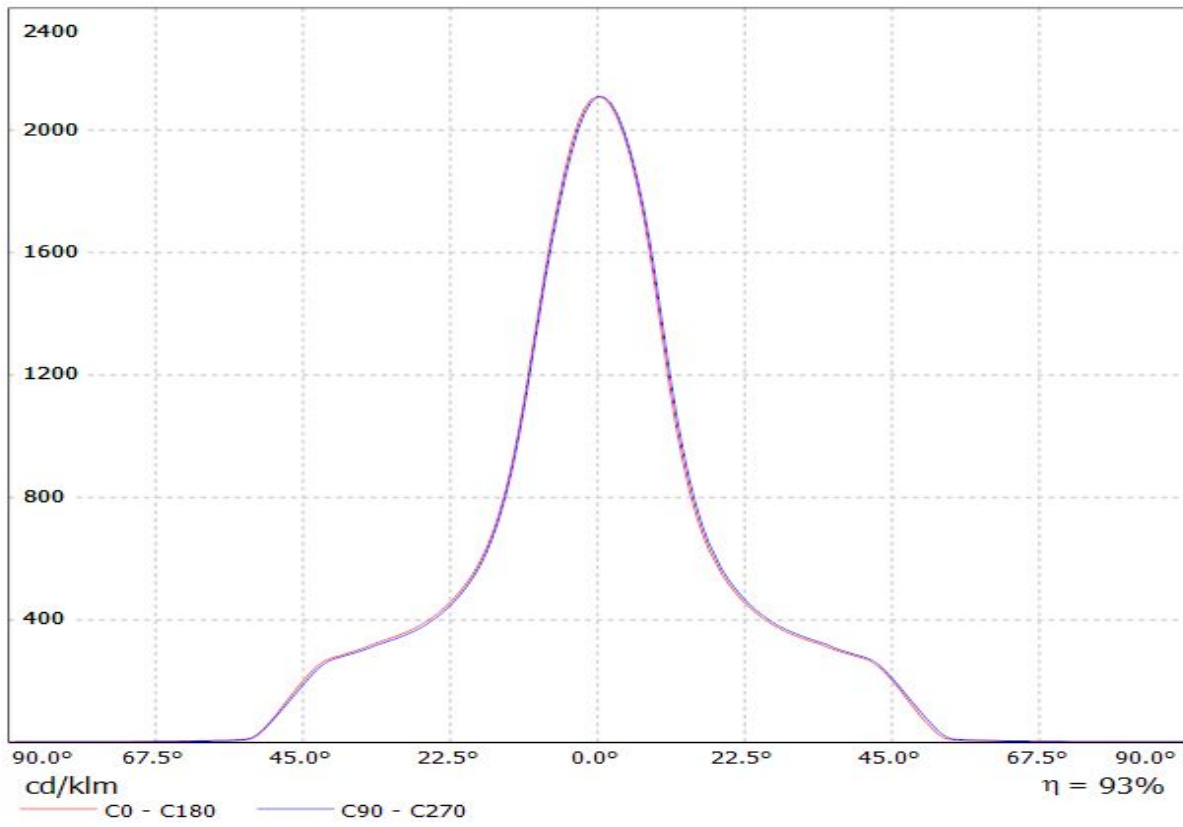


Luminaire: LEDiL Oy F13401_ANGELINA-M_(FORTIMO_3000) Eff.90.3%
Lamps: 1 x PHILIPS Fortimo LED SLM 3000 28W/830 L19 G3 1046.76lm@250mA CCT=3000K P=9W I=250mA

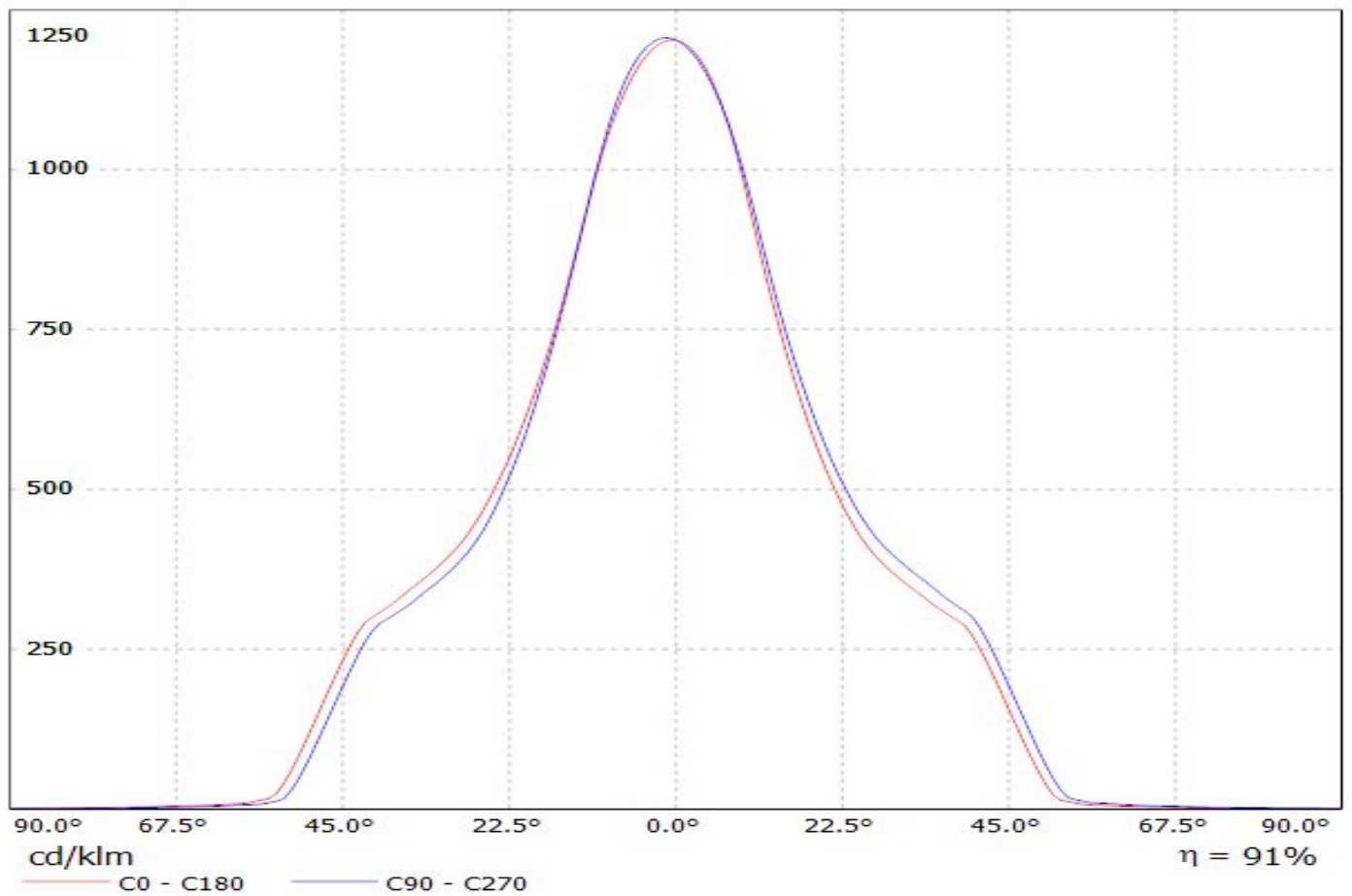


Luminaire: LEDiL Oy F13325_ANGELINA-S_(COB-LC026B) Eff.93.5%

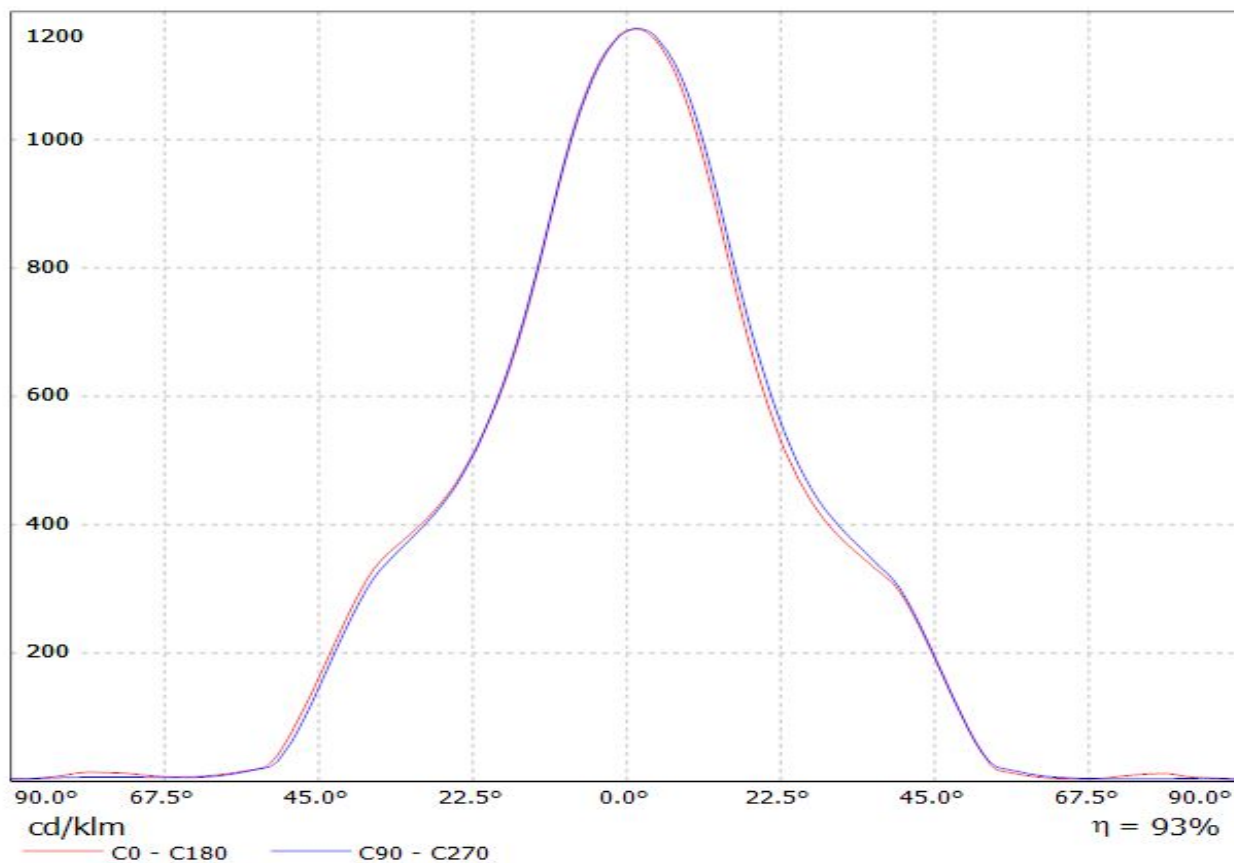
Lamps: 1 x SAMSUNG_COB-LC026B_(SPHWWTHDNC25YHV52F)_1136.23lm@250mA_P=8.23191W_I=249.8mA



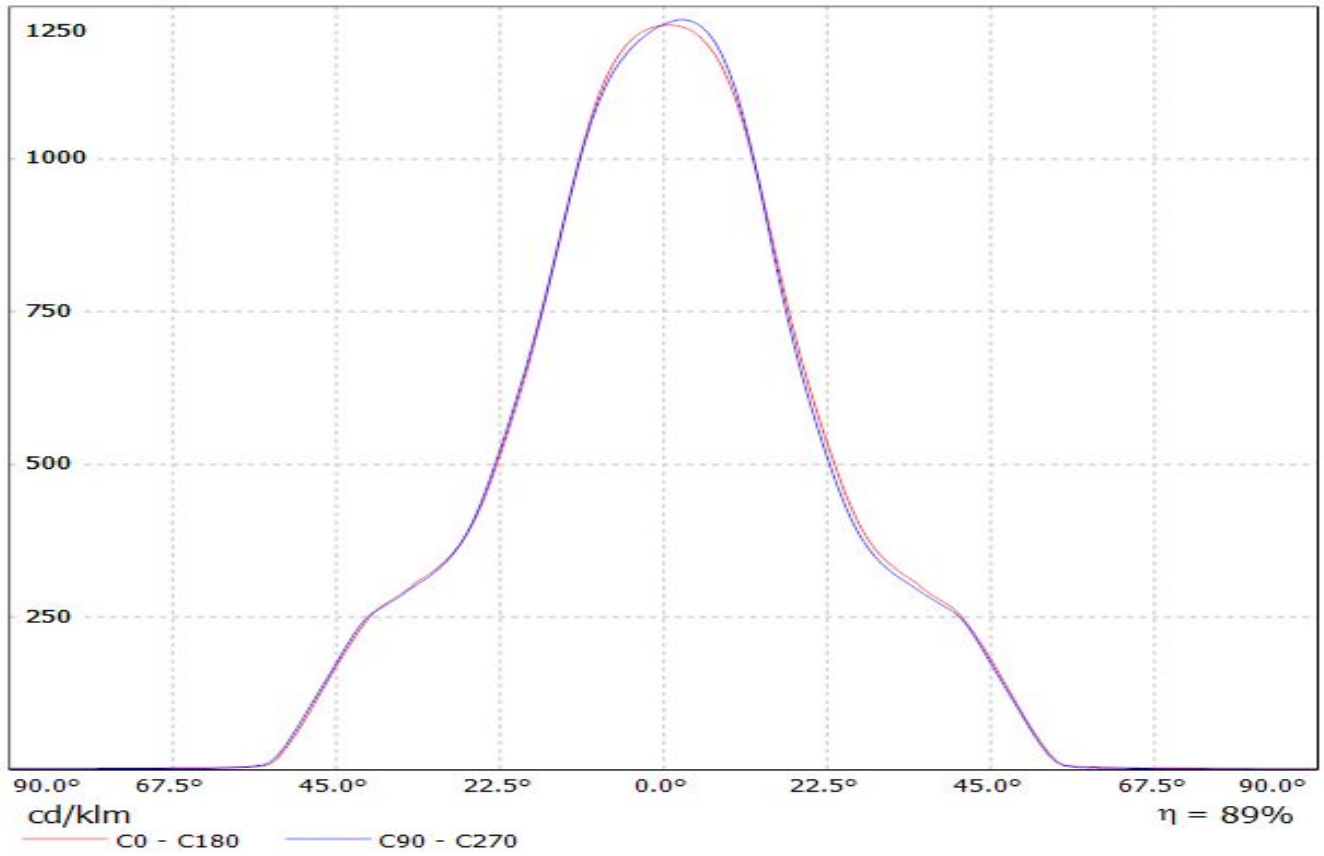
Luminaire: LEDiL Oy F13401_ANGELINA-M_(Fortimo LED SLM L19 G4)
Lamps: 1 x Fortimo LED SLM L19 G4_1114.89lm@250mA_P=8.04906W_I=0.2498A



Luminaire: LEDiL Oy F13401_ANGELINA-M_(CXA30) Eff. 93%
Lamps: 1 x CREE_CXA30_(CXA3050-3C0-Y2-N0H)_1340.66lm@250mA_P=8.16471W_CCT=5000K_I=249.8mA

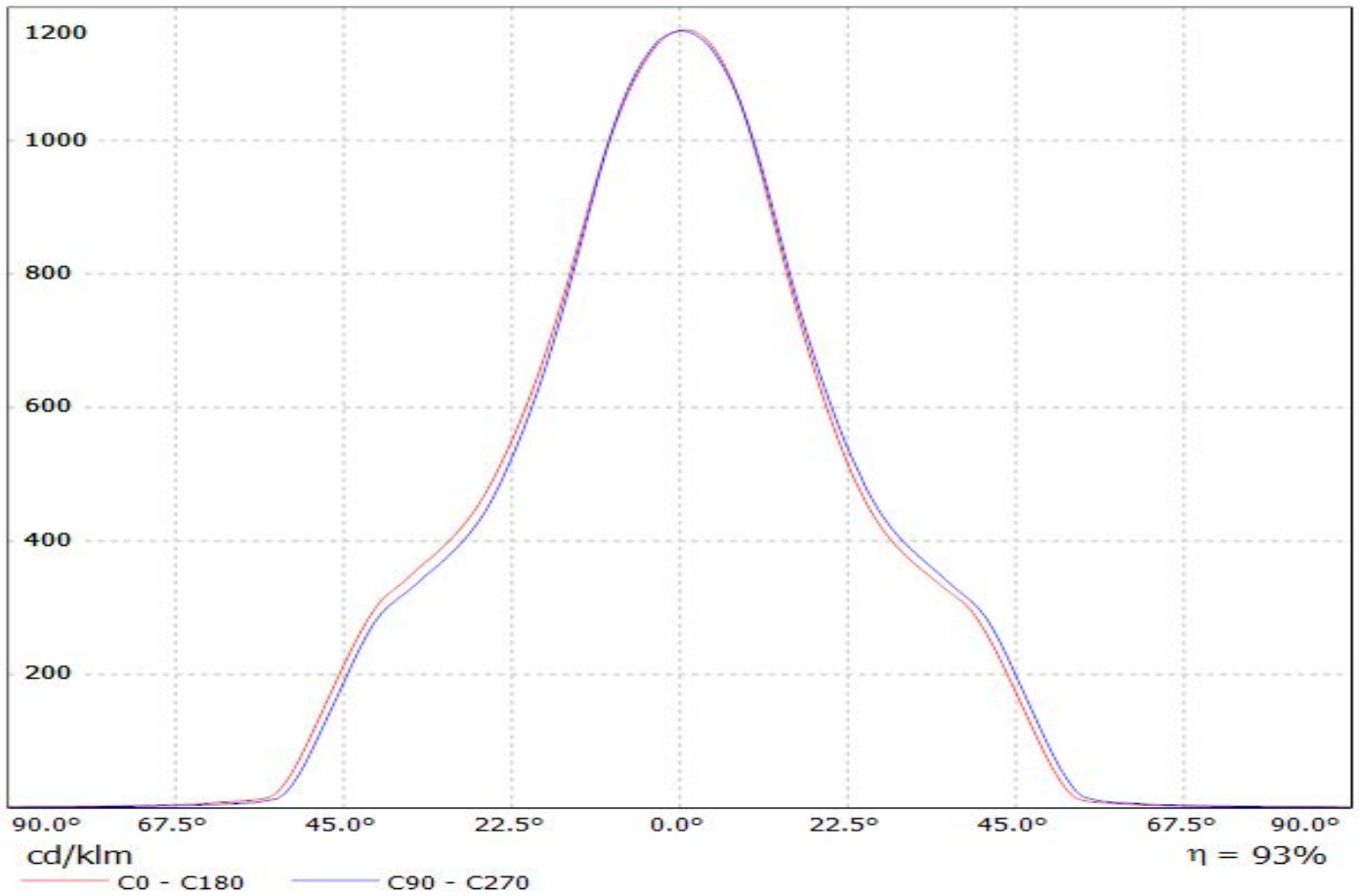


Luminaire: LEDiL Oy F13401_ANGELINA-M_(STARK_SLE_G2_LES26) Eff.89.0%
Lamps: 1 x TRIDONIC STARK SLE G2 LES26 830 CLA 1095.88lm@250mA CCT=3000K P=8W I=250mA

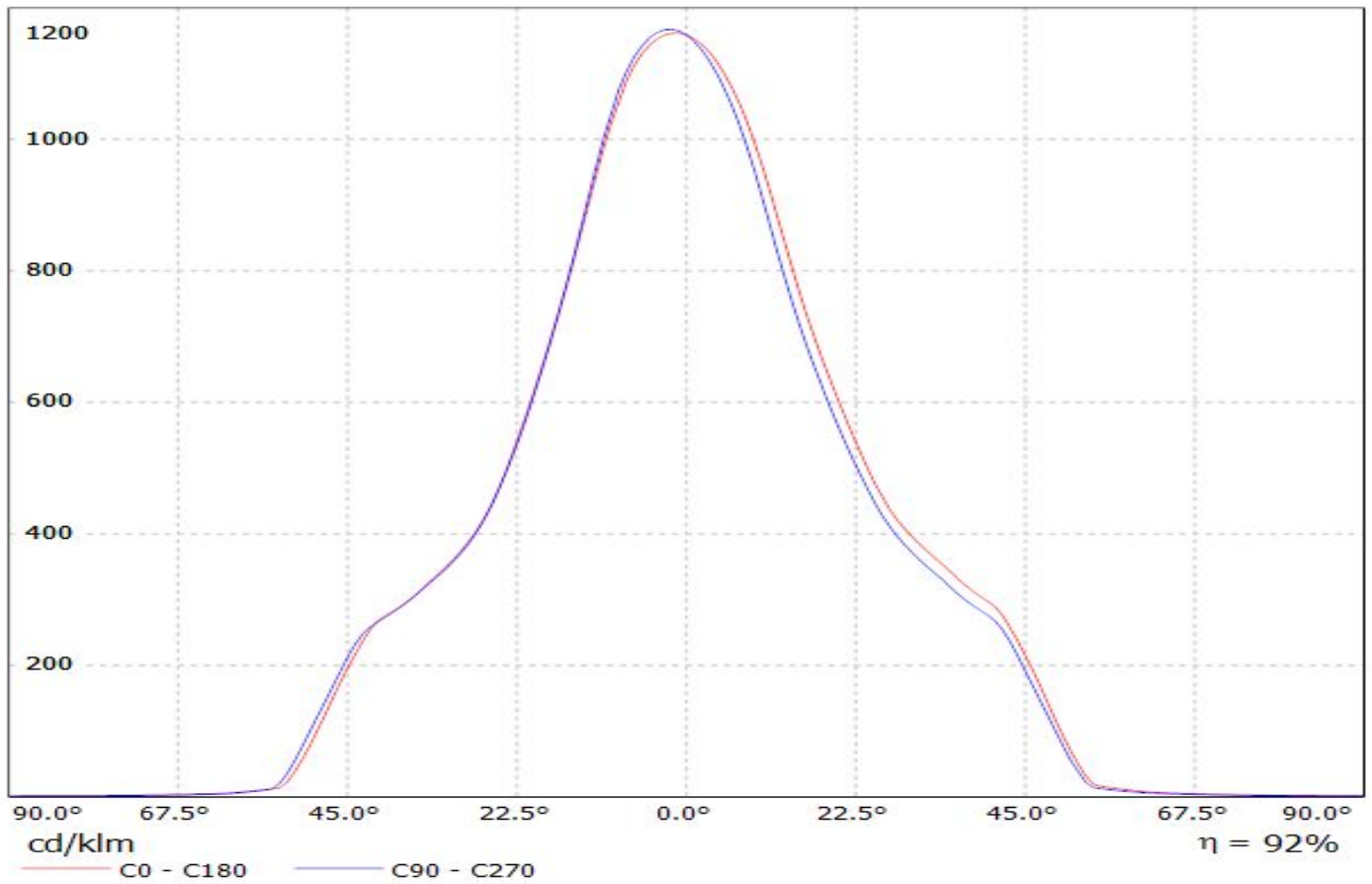


Luminaire: LEDiL Oy F13401_ANGELINA-M_(SLE_G4_LES23)

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

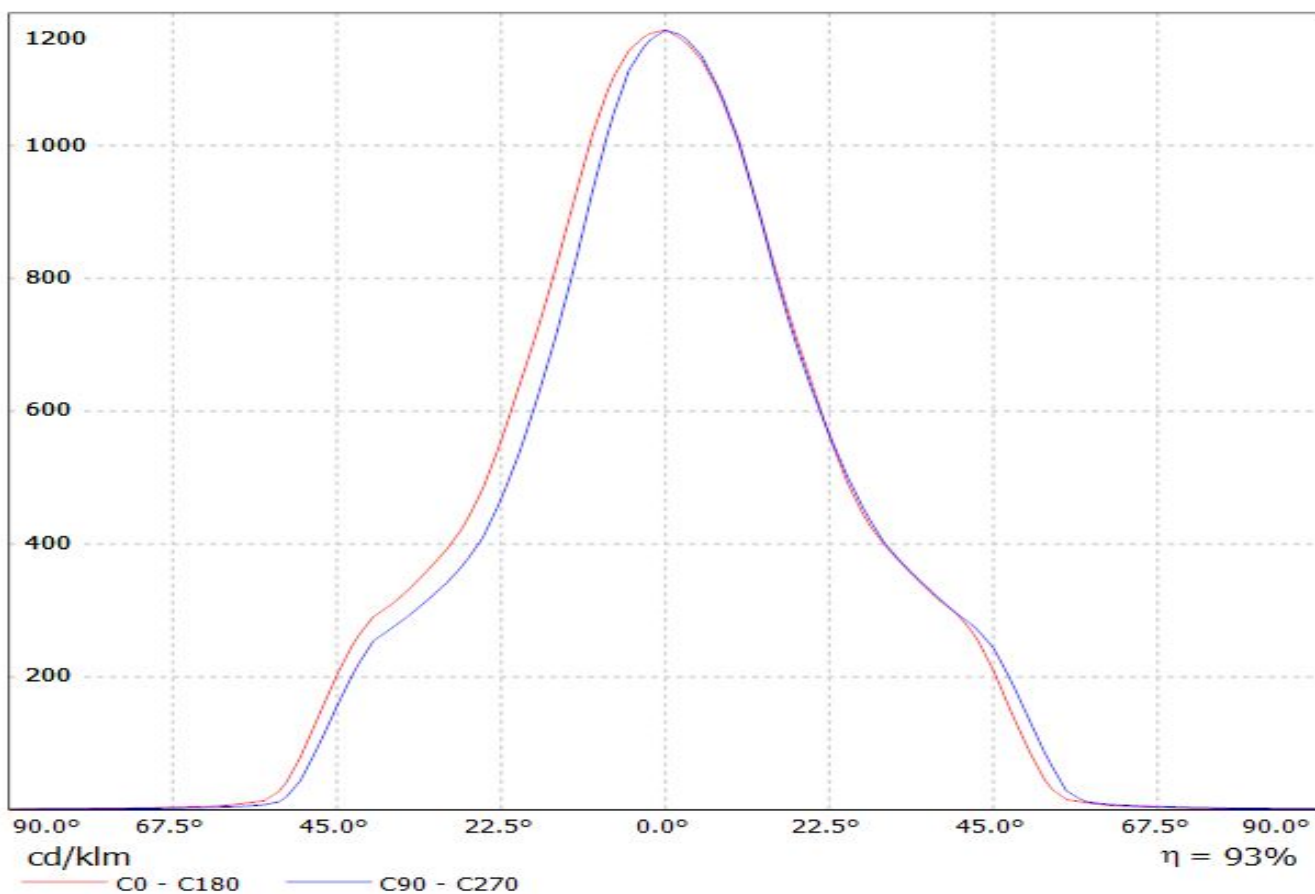


Luminaire: LEDiL Oy F13401_ANGELINA-M_(WU-M-486) Eff.92.1%
Lamps: 1 x Vossloh_Schwabe-WU-M-486_(WU-M-486-830)
_1474.55lm@250mA_P=10.4456W_I=249.8mA

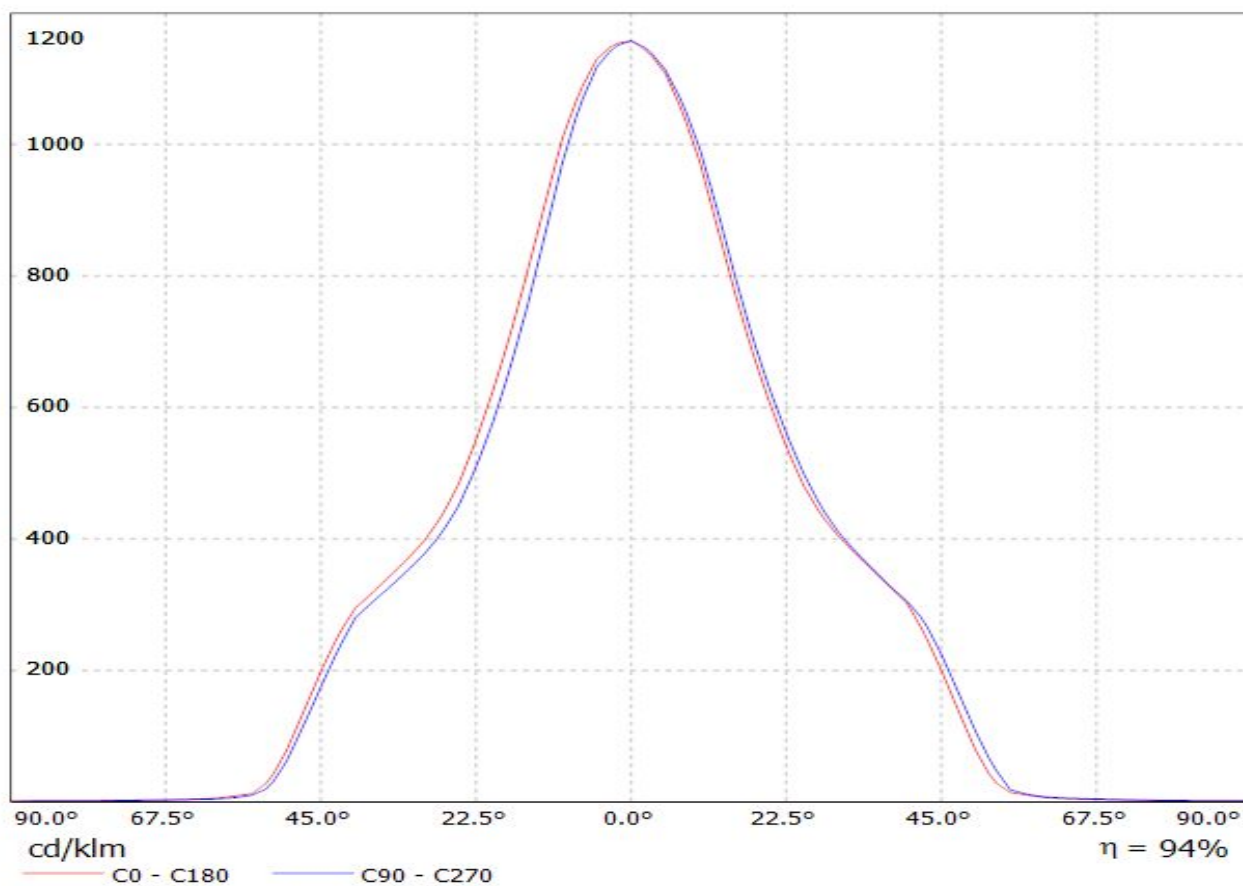


Luminaire: LEDiL Oy F13401_ANGELINA-M_(WU-M-464-827)

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

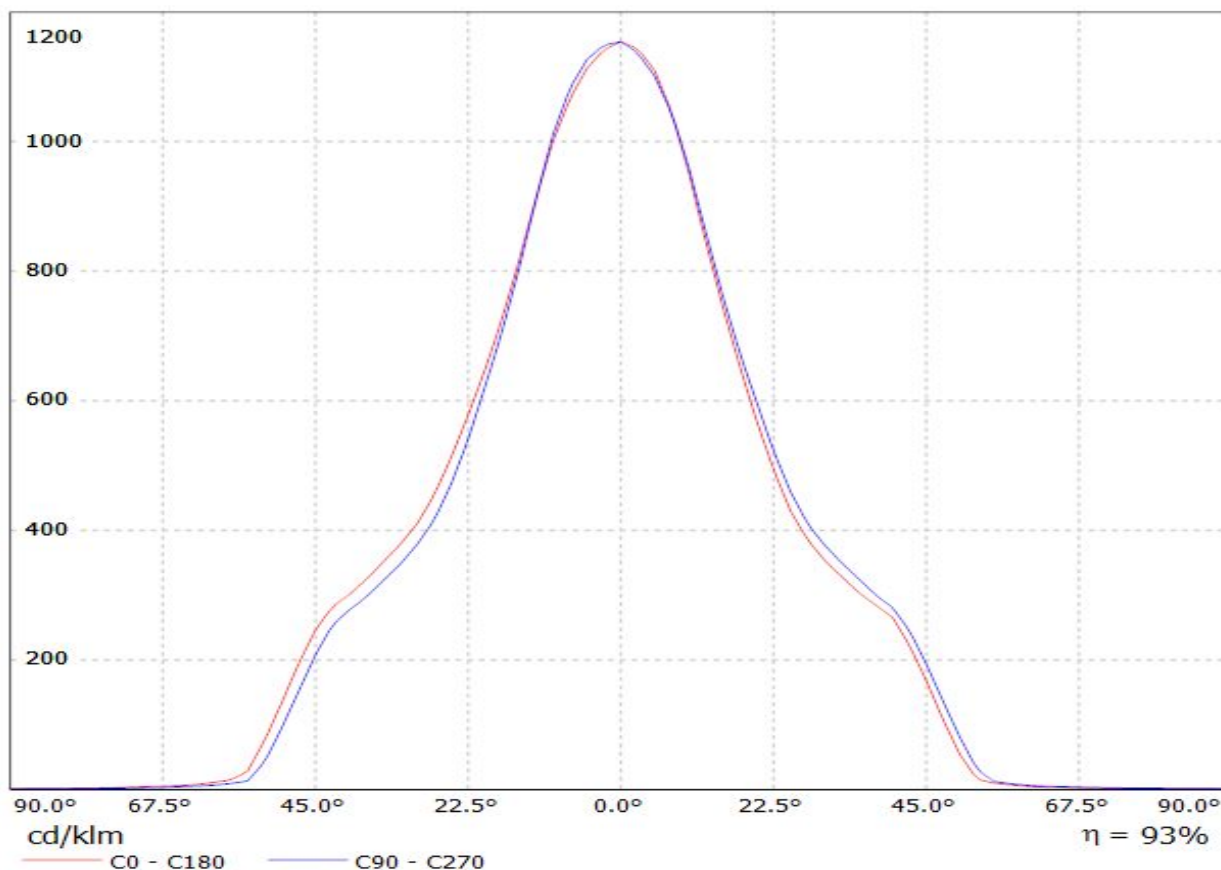


Luminaire: LEDiL Oy F13401_ANGELINA-M_(PrevaLED_LES23) Eff.94%
Lamps: 1 x OSRAM PrevaLED_LES23_(PL-CORE-5000-930-Z3)_1102.2lm@250mA_P=9.93654W_I=249.8mA



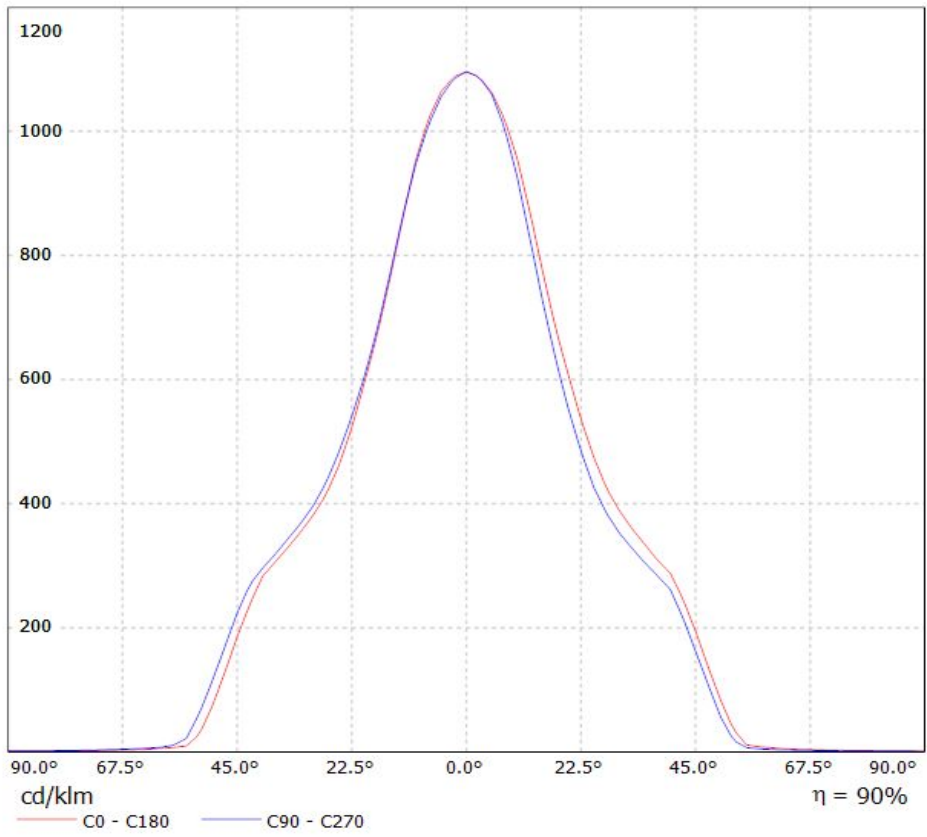
Luminaire: LEDiL Oy F13401_ANGELINA-M_(WU-M-485)

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



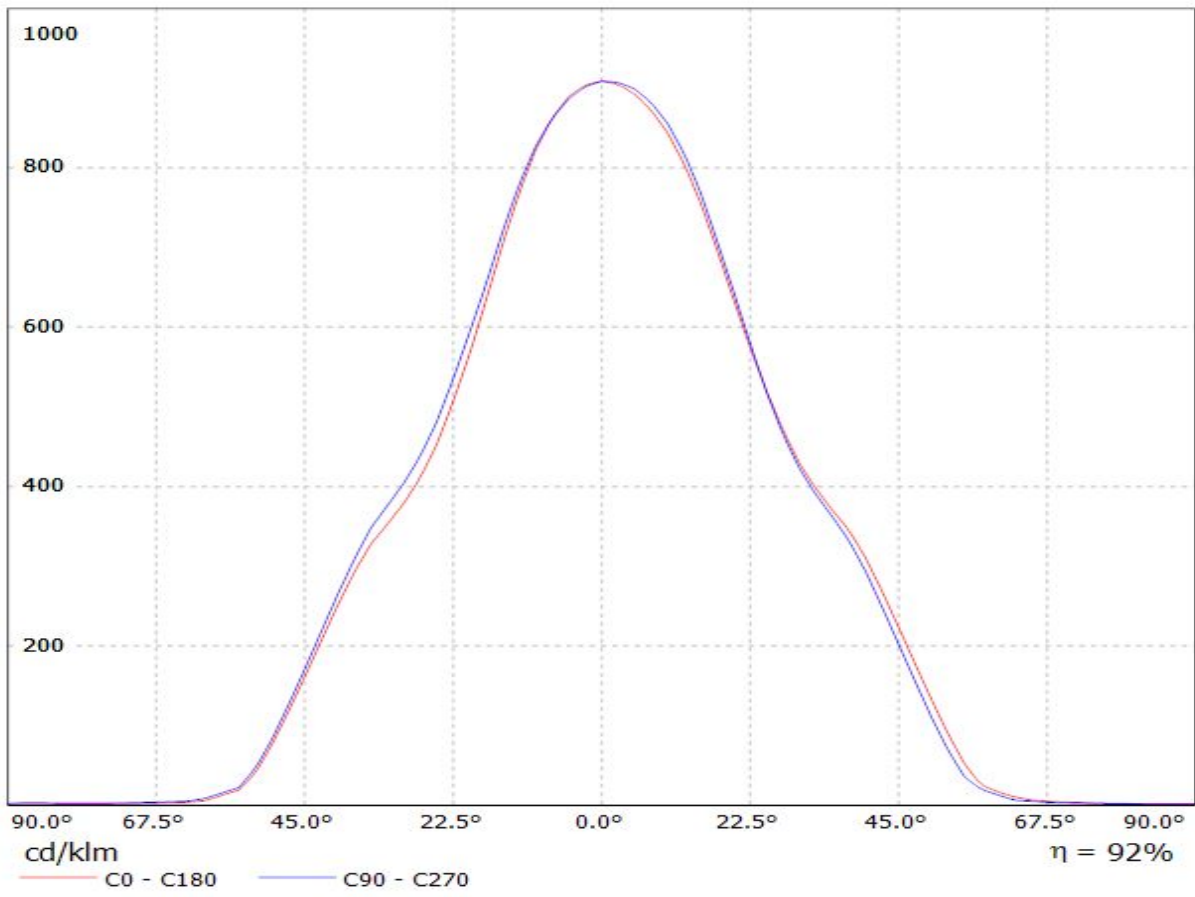
Luminaire: LEDiL Oy F13401_ANGELINA-M_(SLE_G3_LES23) Eff.90.0%

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

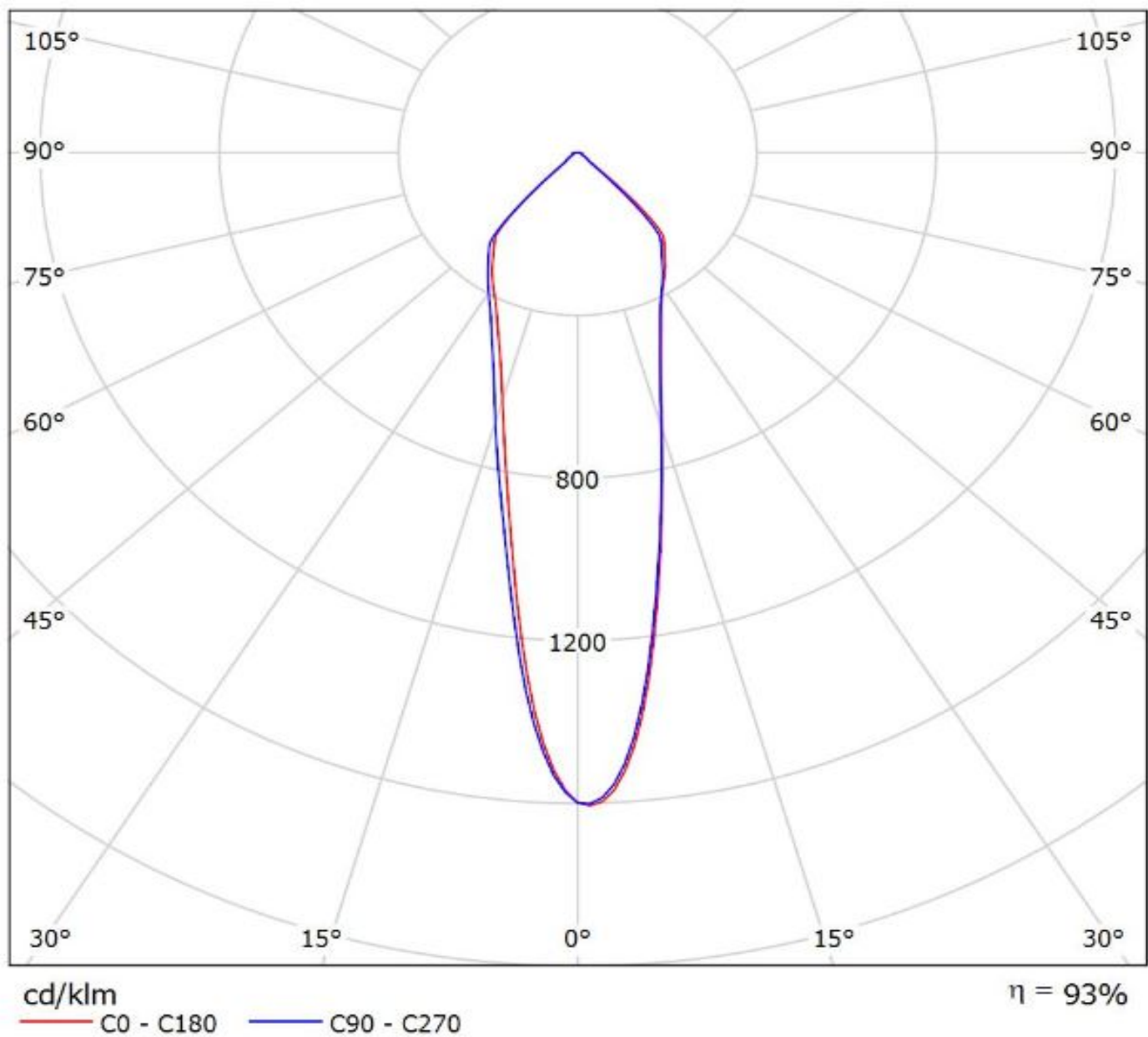


Luminaire: LEDiL Oy F13401_ANGELINA-M_(CXA3590)

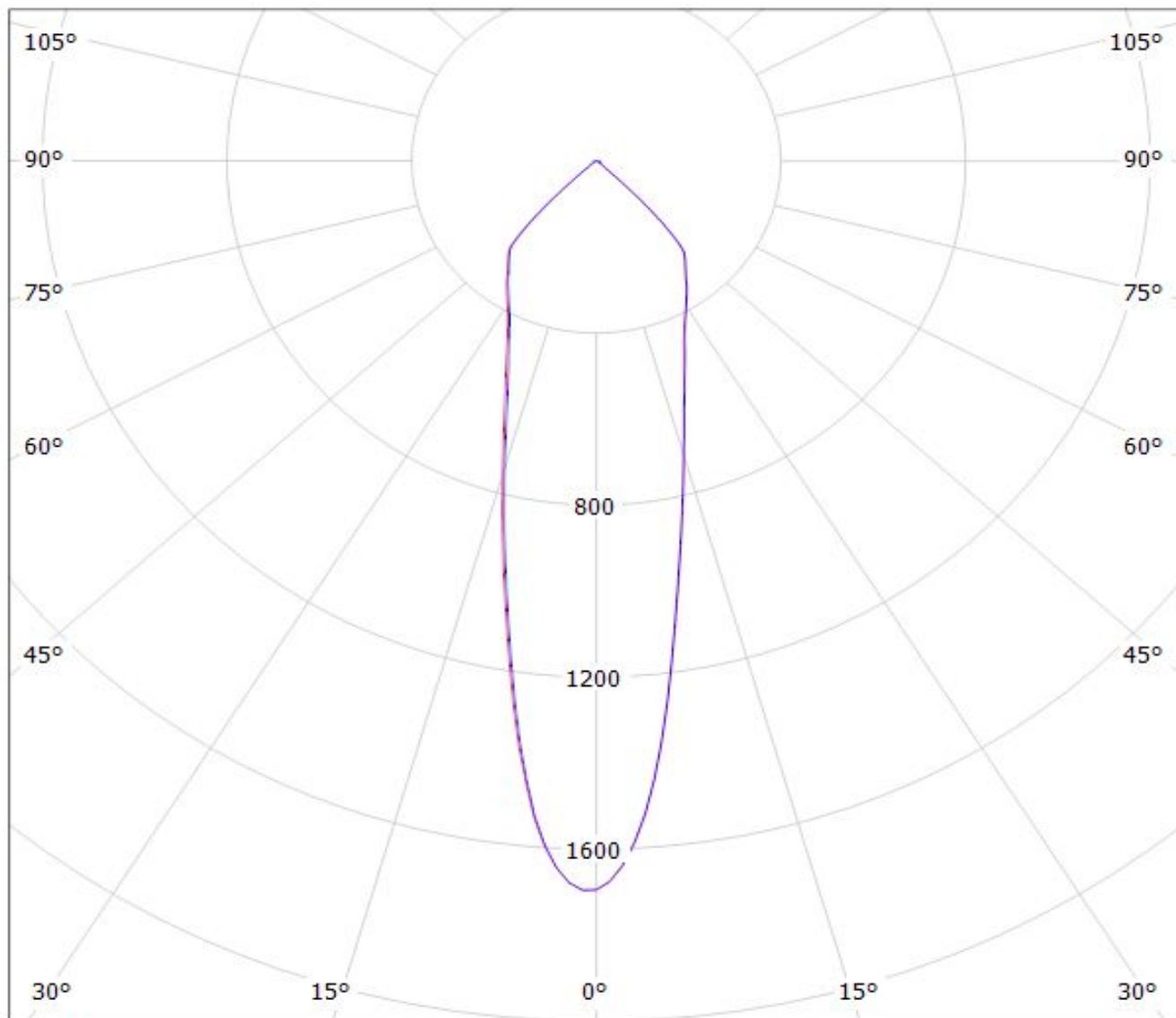
Lamps: 1 x CREE_CXA3590_(CXA3590-30F-BD-R0H-0002)_2640.14lm@250mA_CCT=3000K_P=16.3941W_I=249.8mA



Luminaire: Ledil F13401_ANGELINA-M (CLU720)
Lamps: 1 x CITIZEN_CLU720 (CLU720-1206B8-273M2)
_1337.27lm@250mA_CCT=2700K_P=8.35W_I=0.25A



Luminaire: LEDiL Oy F13401_ANGELINA-M_(CXA1816) Eff. 93%
Lamps: 1 x CREE_CXA1816_1042.78lm@250mA_P=8.65157W_I=249.9mA



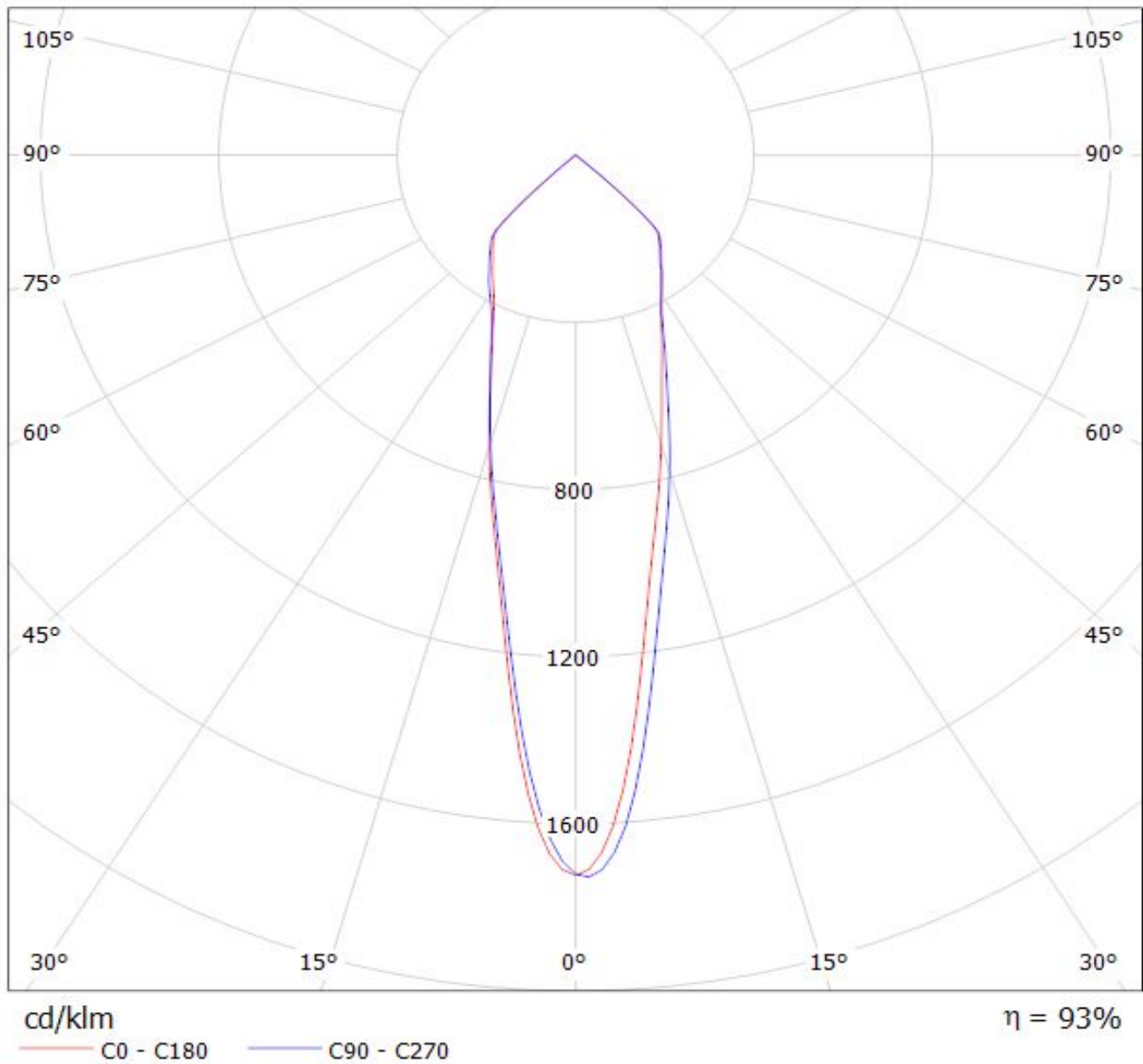
cd/klm

$\eta = 93\%$

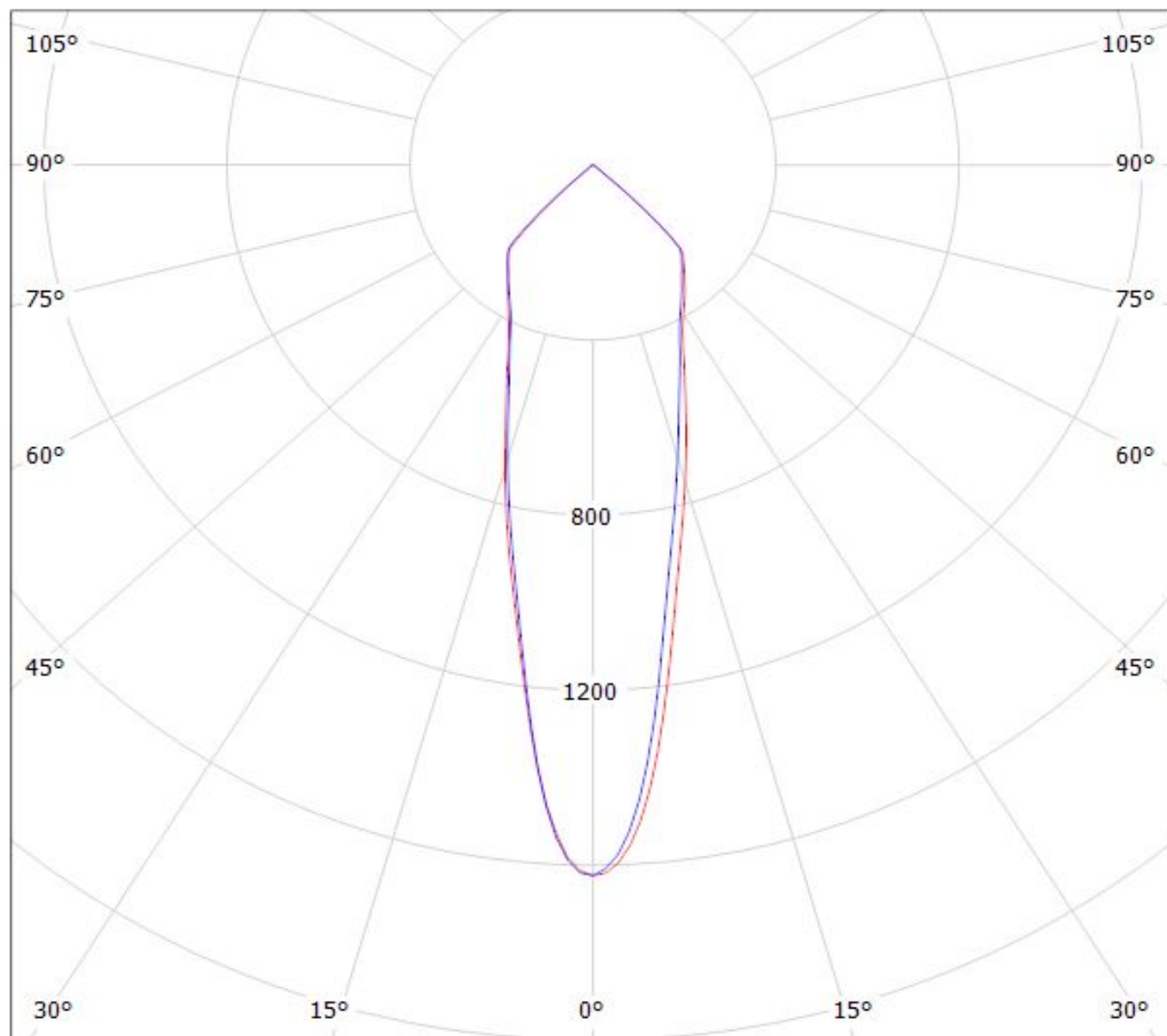
— C0 - C180 — C90 - C270

Luminaire: LEDiL Oy F13401_ANGELINA-M_(PrevaLED_LES9) Eff.93%

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



Luminaire: LEDiL Oy F13401_ANGELINA-M_(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_η=0.2498A



cd/klm

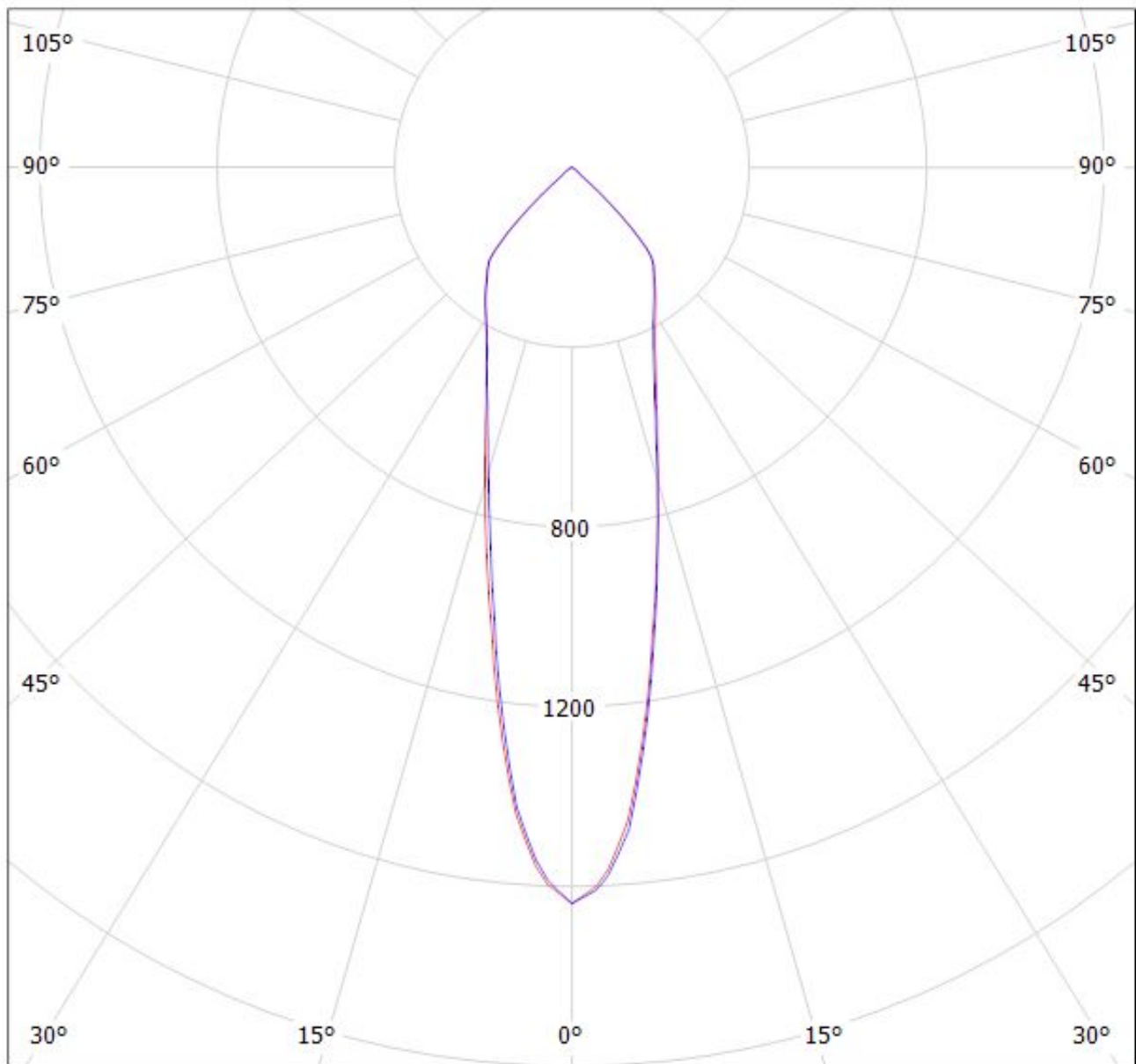
— C0 - C180

— C90 - C270

η = 92%

Luminaire: LEDiL Oy F13401_ANGELINA-M_(NSBxL121A) Eff.90.8%

Lamps: 1 x NICHIA_NSBxL121A_(NSBLL121AE)_805.561lm@250mA_CCT=3000K_P=7.3681W_I=249.8mA



cd/klm

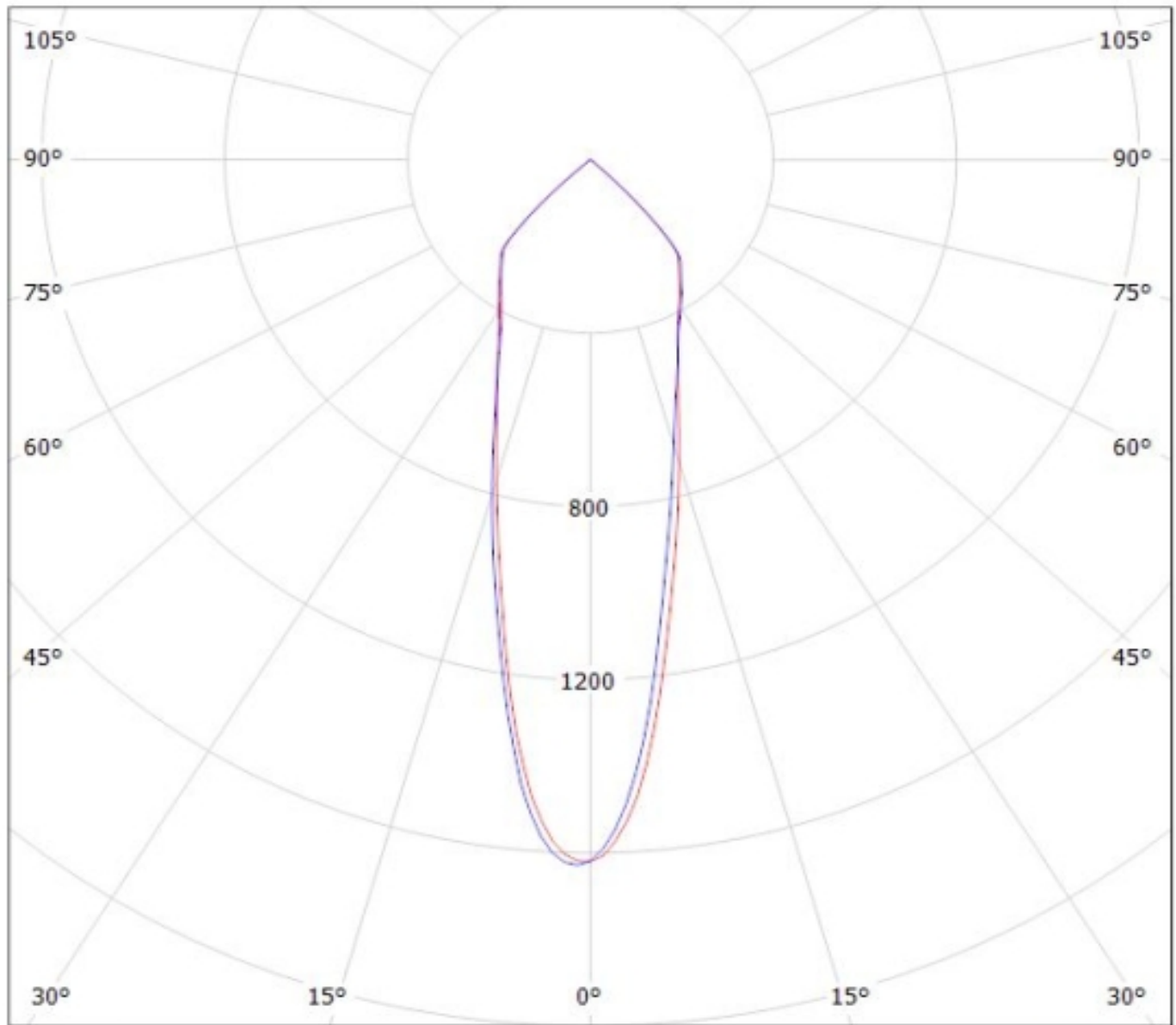
— C0 - C180

— C90 - C270

$\eta = 91\%$

Luminaire: LEDiL Oy F13401_ANGELINA-M_(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

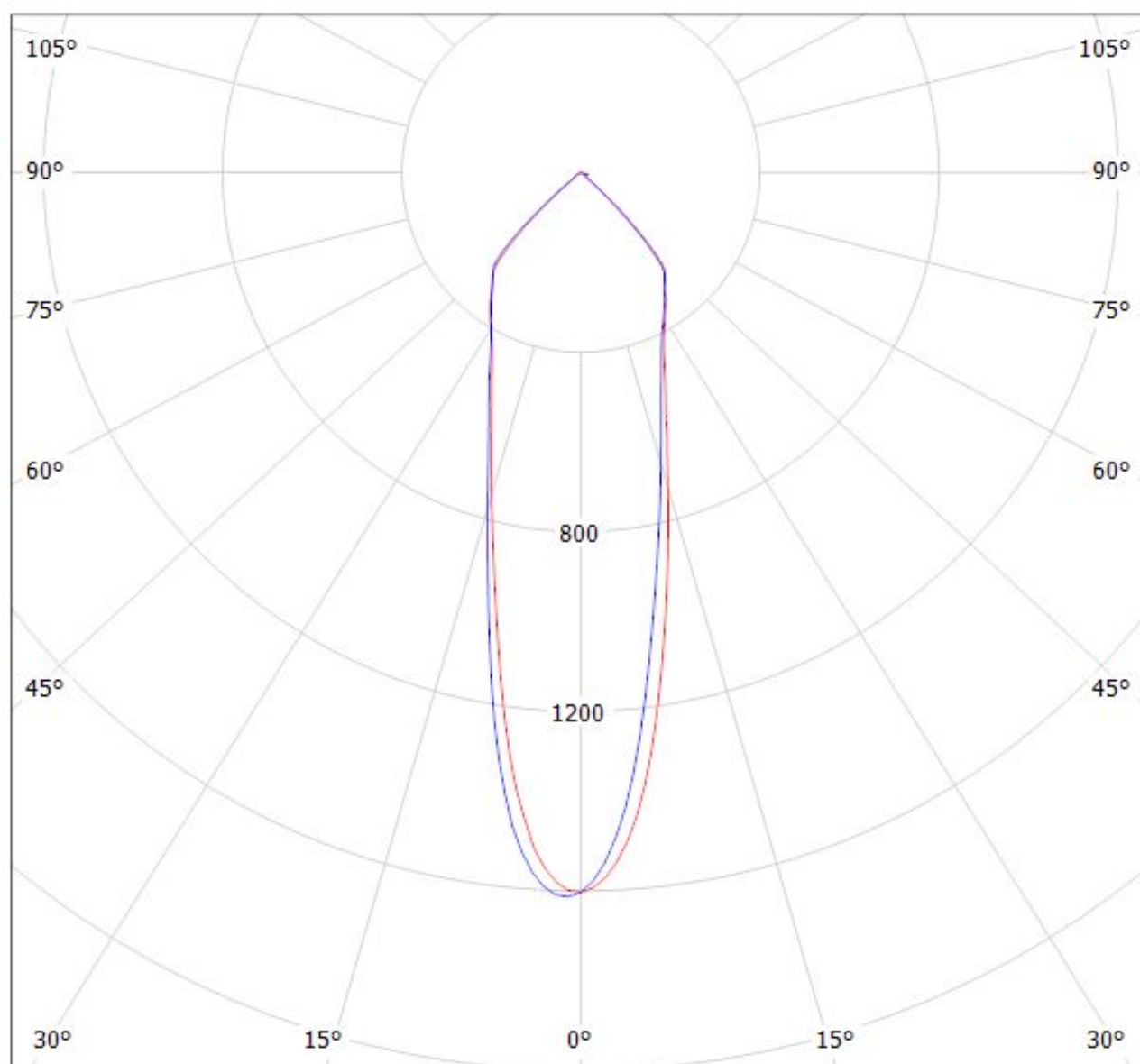
— C0 - C180

— C90 - C270

$\eta = 93\%$

Luminaire: LEDiL Oy F13401_ANGELINA-M_(LUXEON_COB_1205) Eff.92.4%

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



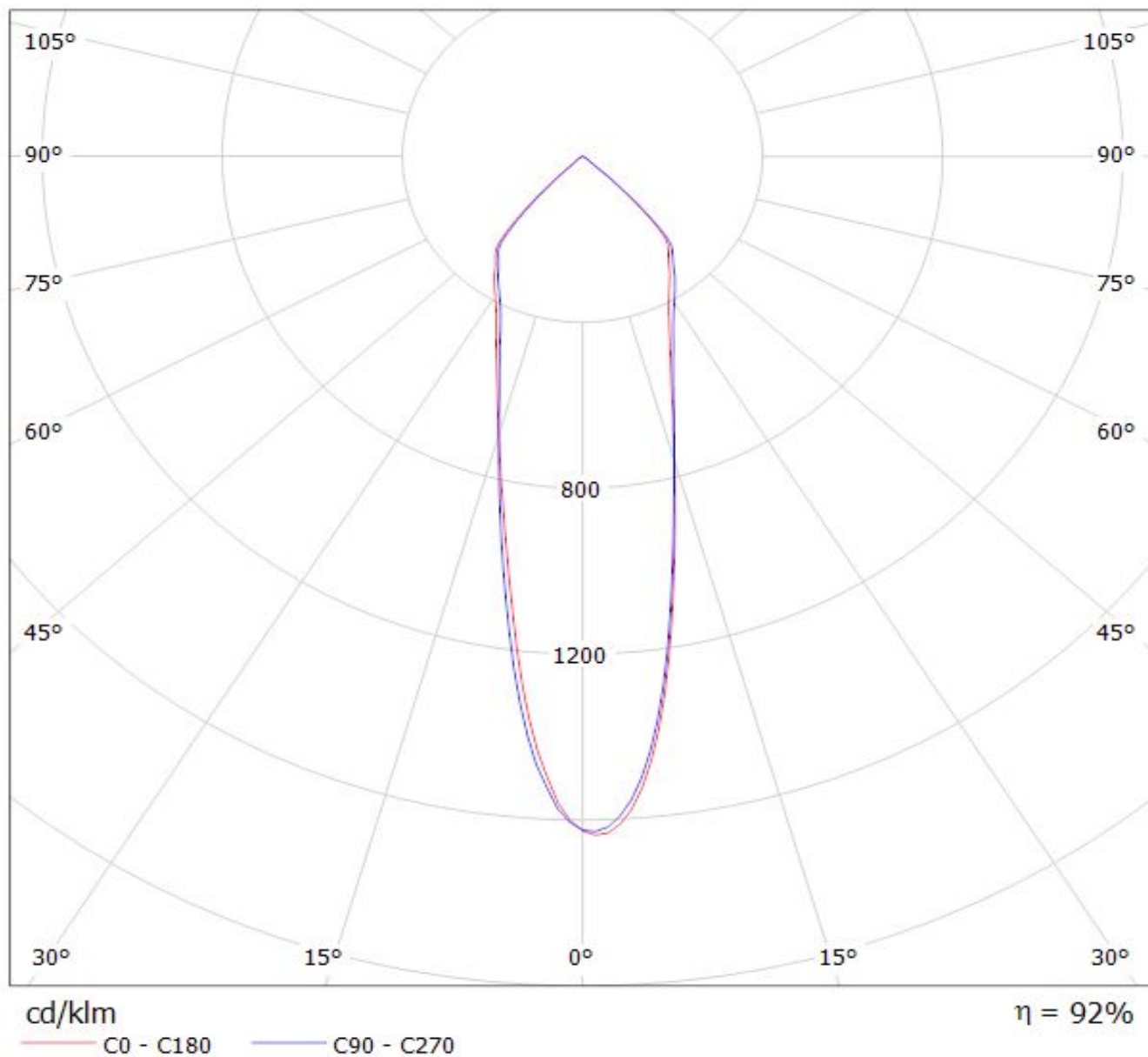
cd/klm

η = 92%

— C0 - C180

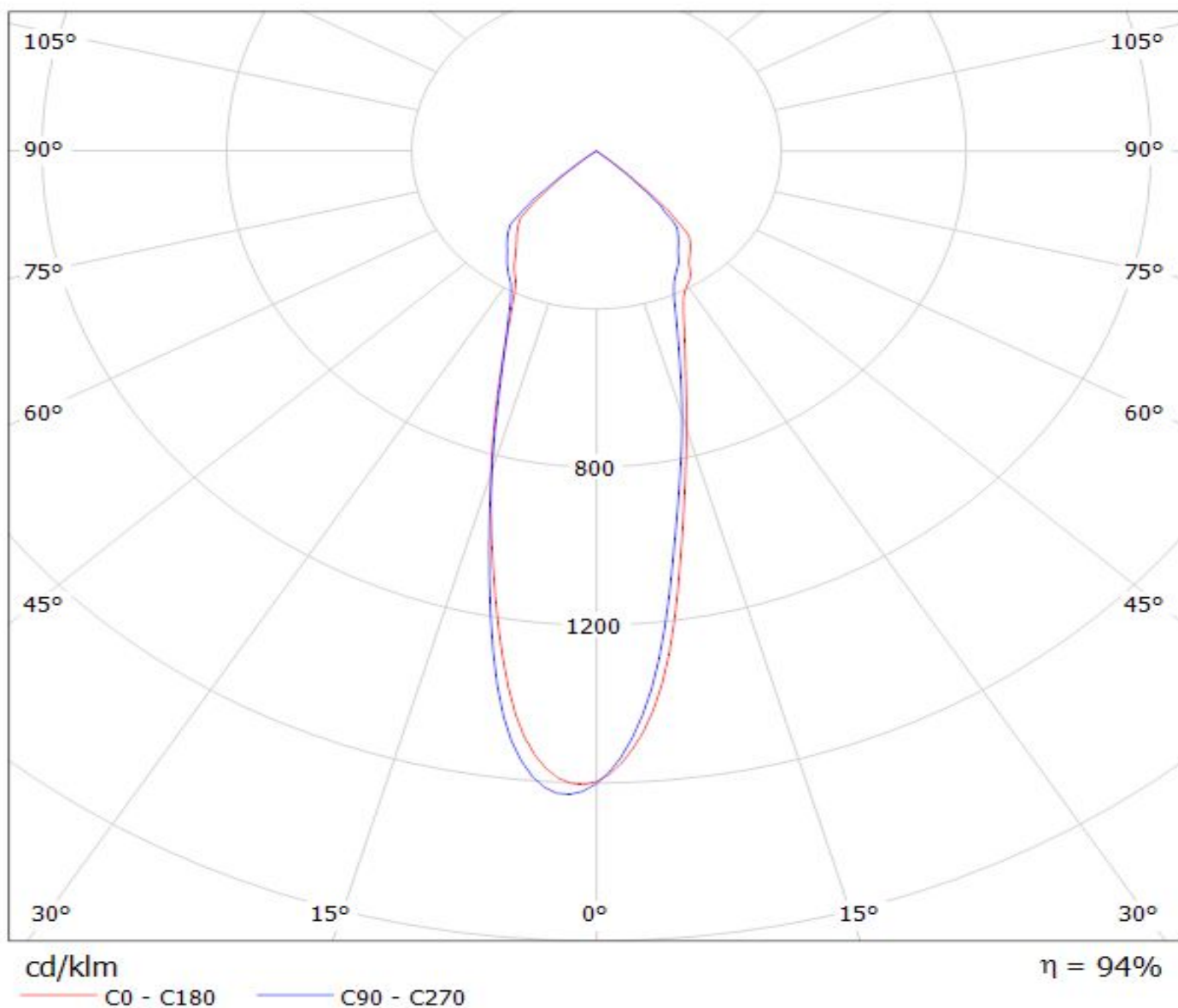
— C90 - C270

Luminaire: LEDiL Oy F13401_ANGELINA-M_(LG_COB-10W) Eff.92.4%
Lamps: 1 x LG_COB-10W_1024lm@250mA_CCT=5090K_P=9W_I=250mA



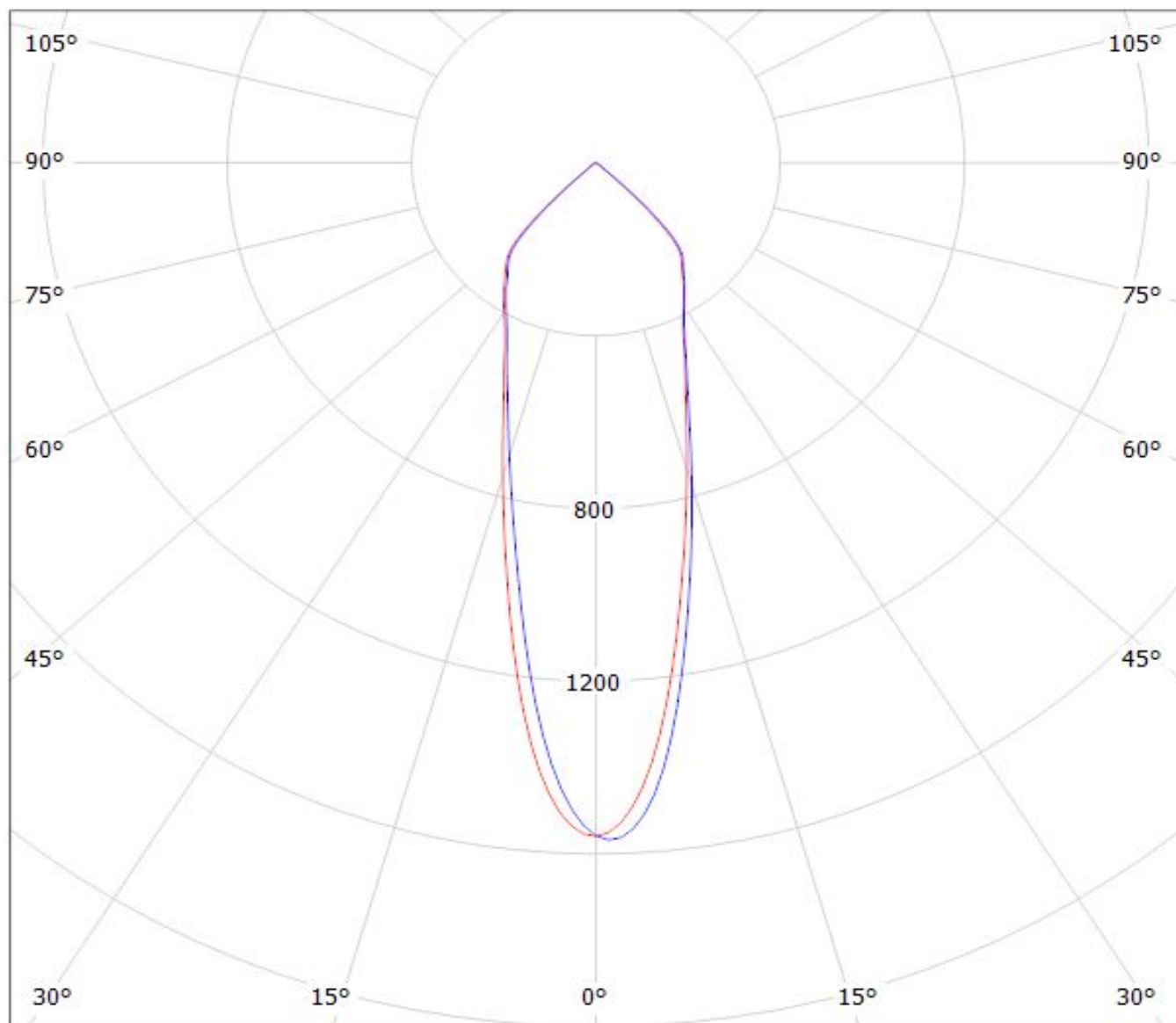
LEDiL Oy C13401_ANGELINA-M_(LUXEON_K12) Eff.94.0% / LDC (Polar)

Luminaire: LEDiL Oy C13401_ANGELINA-M_(LUXEON_K12) Eff.94.0%
Lamps: 1 x LUXEON_K12 (929.543lm@250mA)



Luminaire: LEDiL Oy F13401_ANGELINA-M_(BXRA_ES) Eff.92.6%

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



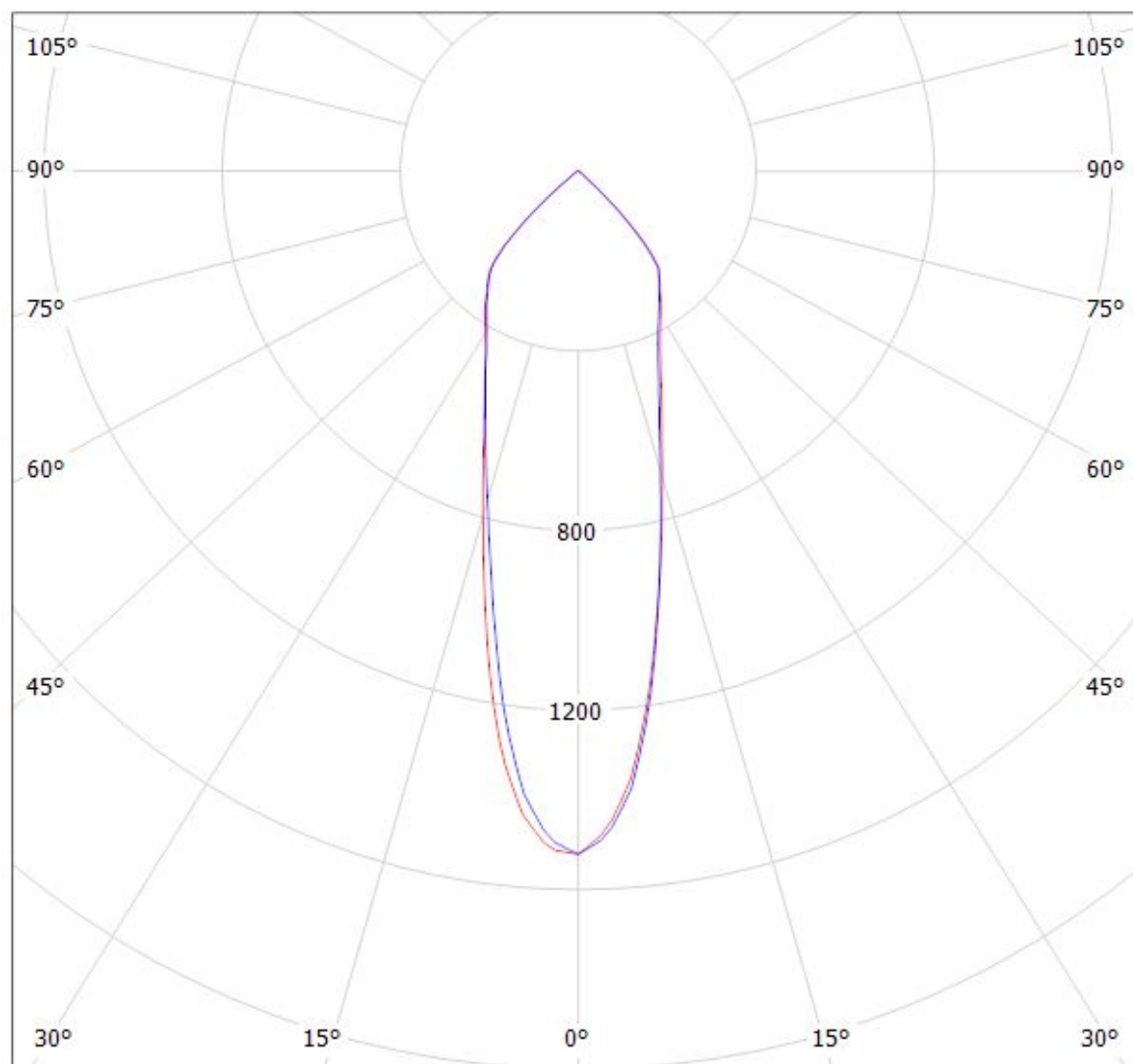
cd/klm

— C0 - C180

— C90 - C270

$\eta = 93\%$

Luminaire: LEDiL Oy F13401_ANGELINA-M_(MEGAZENIGATA) Eff.92.5%
Lamps: 1 x SHARP_MEGAZENIGATA_(GW6DME30NFC)_1238.26lm@250mA_CCT=3000K_P=11.1211W_I=249.8mA



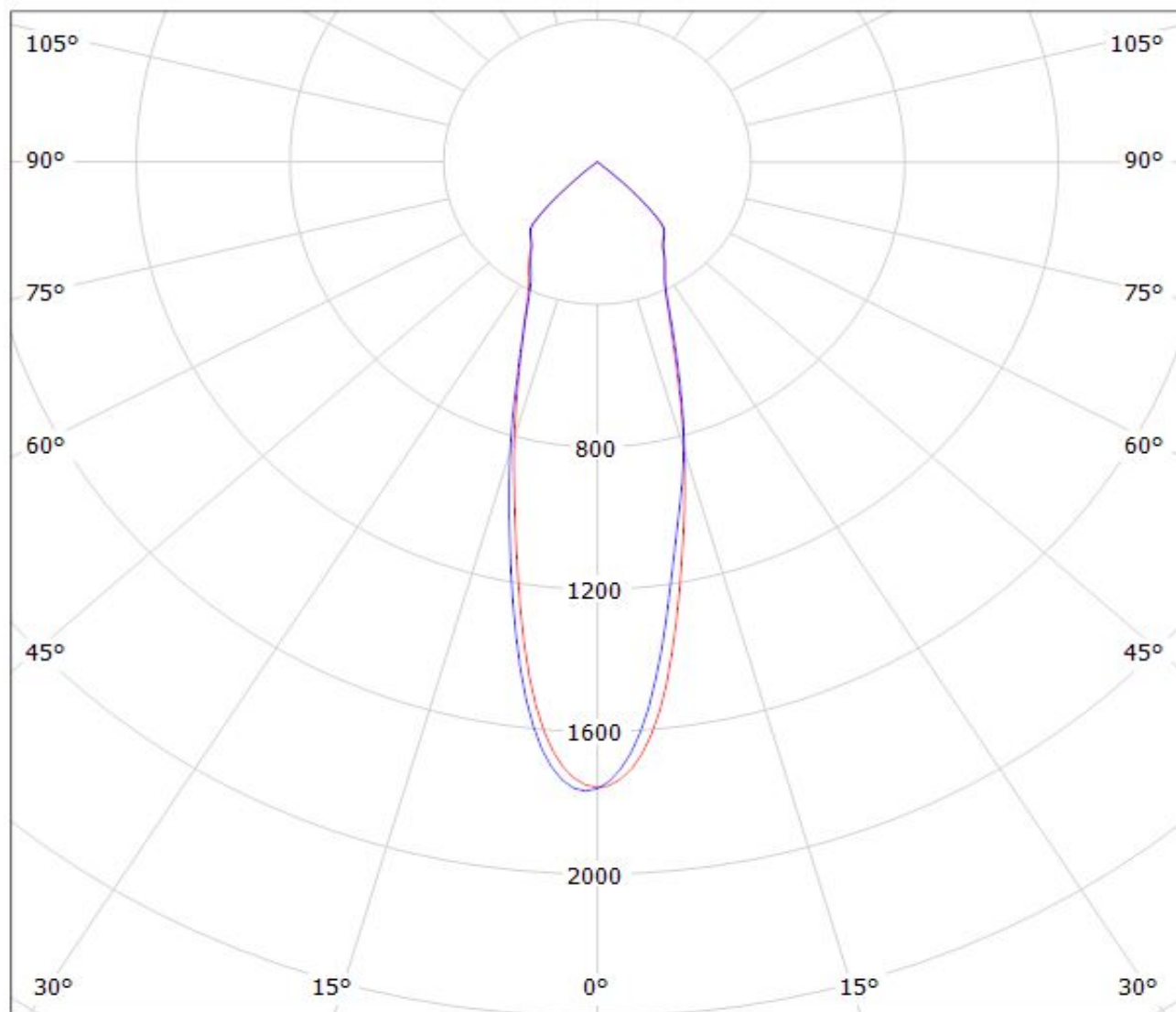
cd/klm

— C0 - C180 — C90 - C270

$\eta = 93\%$

Luminaire: LEDiL Oy F13401_ANGELINA-M_(LUXEON_CoB_1205) Eff: 94 %

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



cd/klm

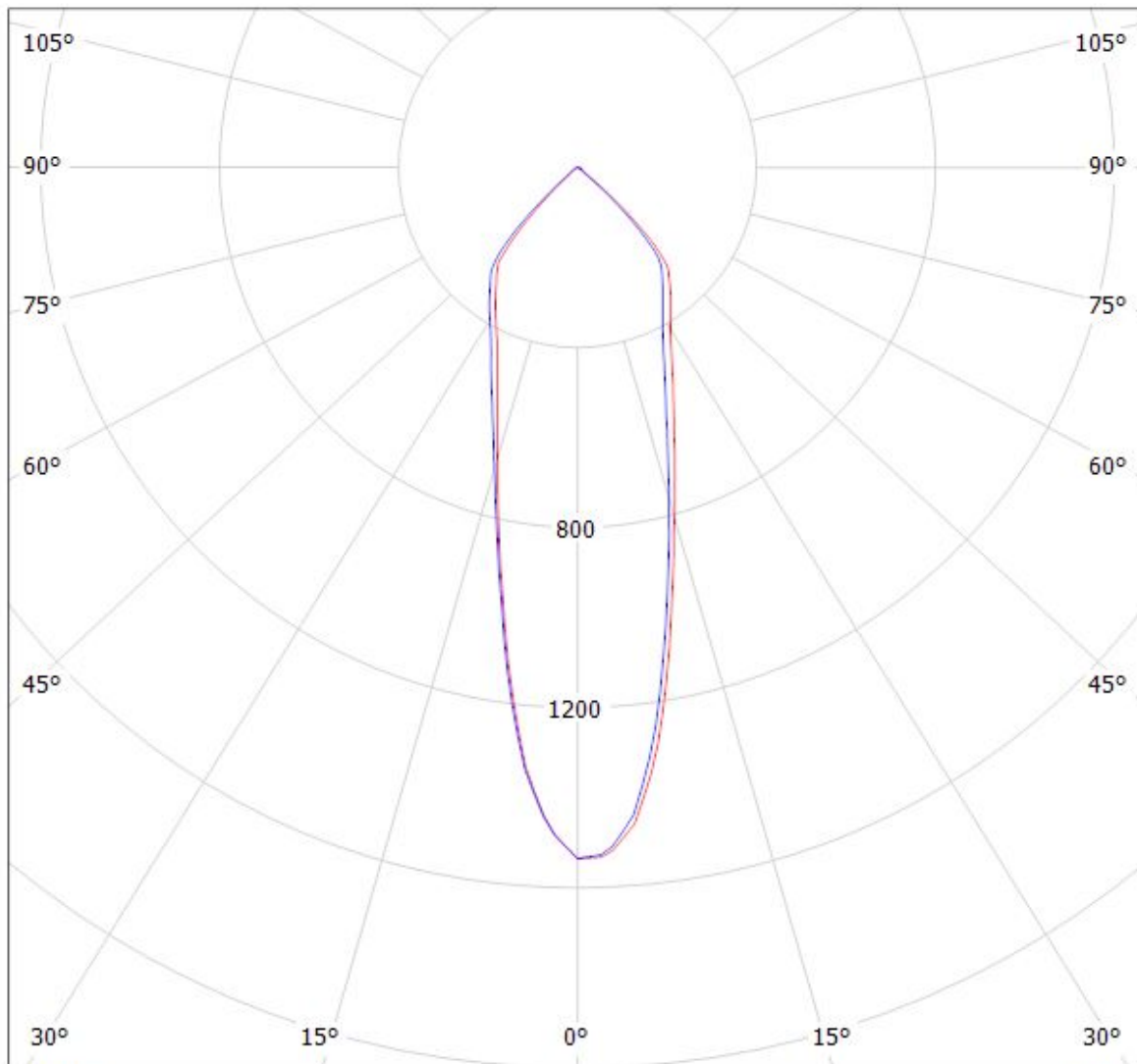
— C0 - C180

— C90 - C270

$\eta = 93\%$

Luminaire: LEDiL Oy F13401_ANGELINA-M_(CLL030) Eff.92.3%

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



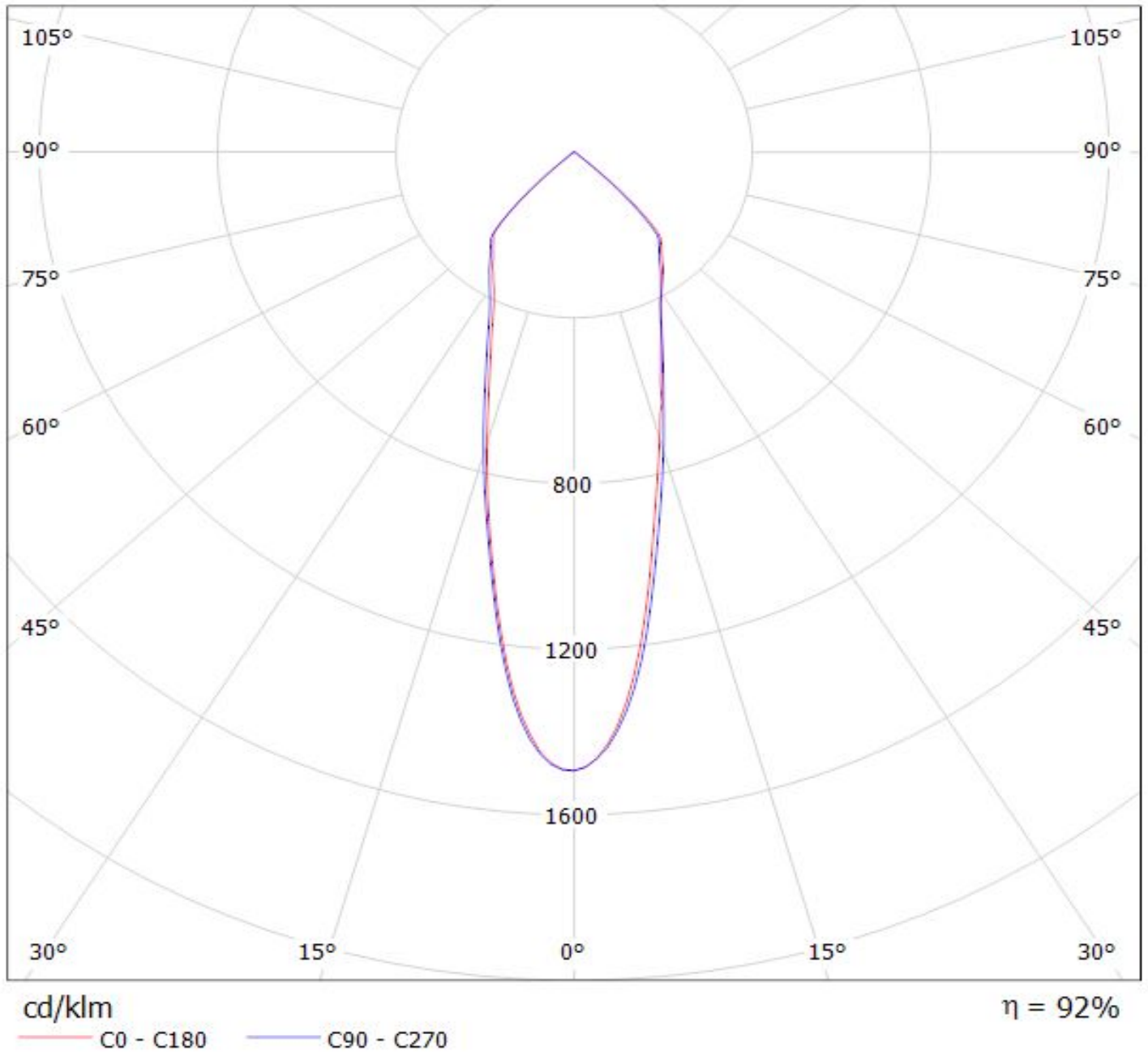
cd/klm

$\eta = 92\%$

— C0 - C180

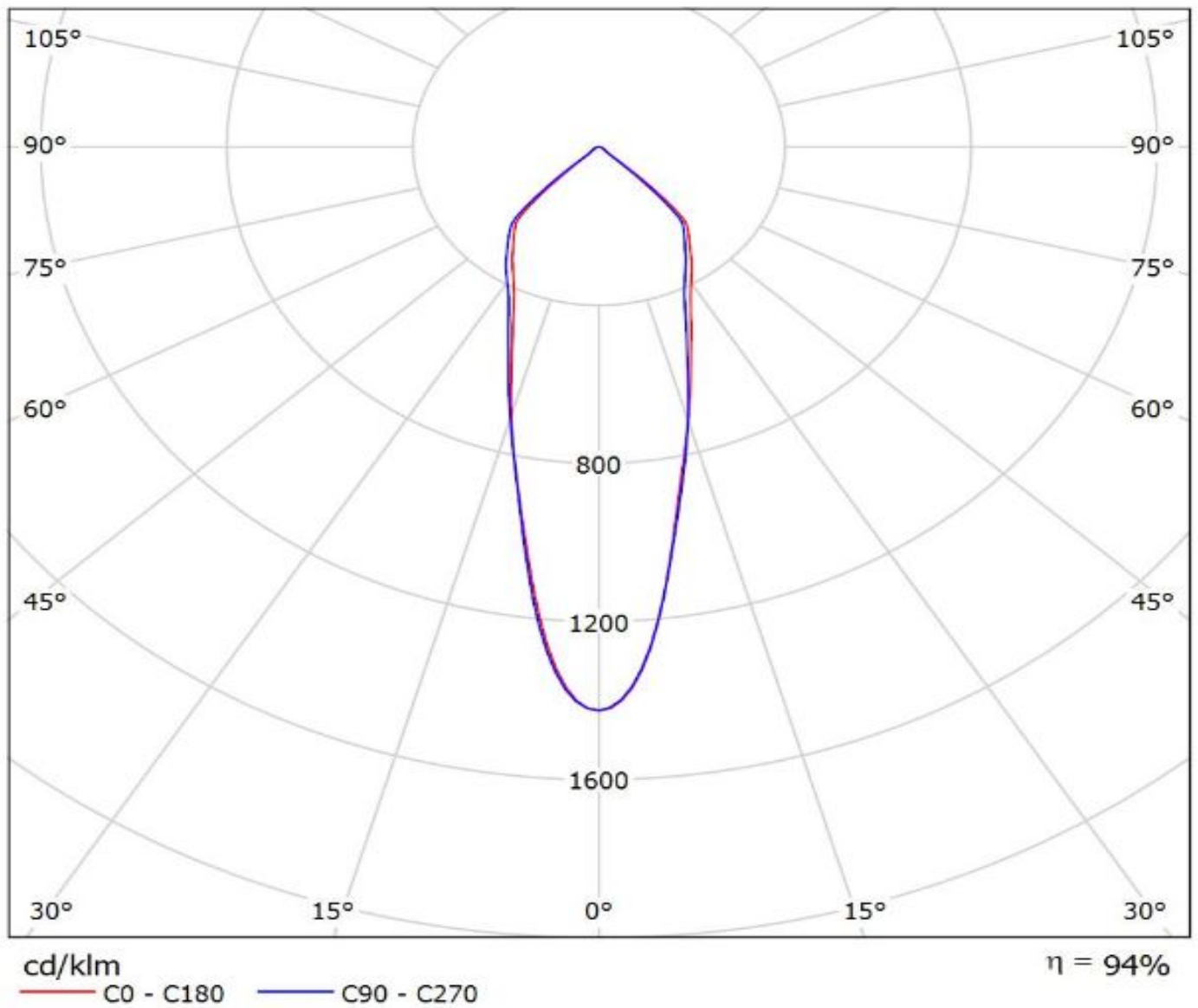
— C90 - C270

Luminaire: LEDiL Oy F13401_ANGELINA-M_(Fortimo LED SLM L13 G4)
Lamps: 1 x Fortimo LED SLM L13 G4_1106.74lm@250mA_P=8.38104W_η=0.2498A



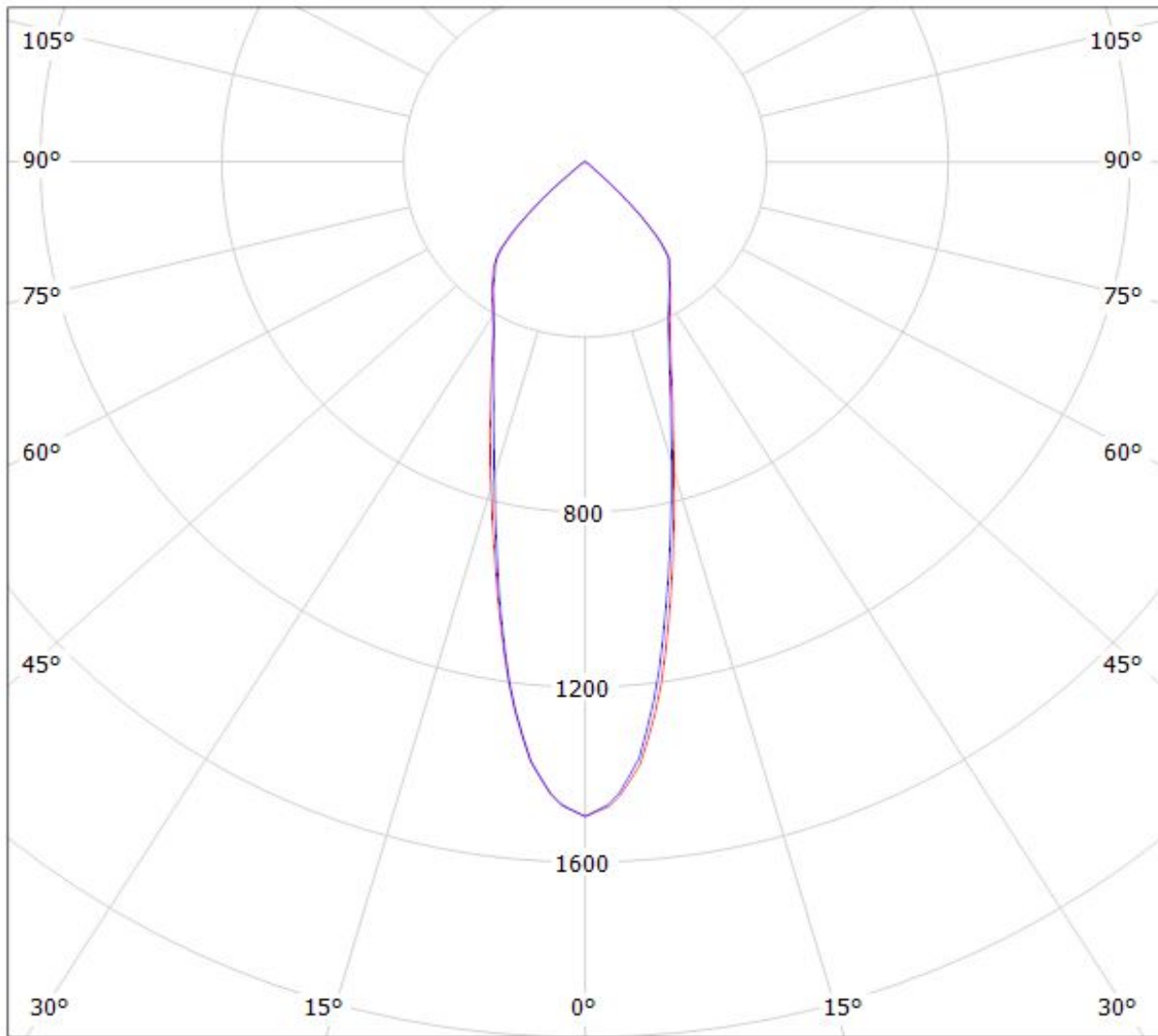
Ledil F13401_ANGELINA-M_(CLU720) / LDC (Polar)

Luminaire: Ledil F13401_ANGELINA-M_(CLU720)
Lamps: 1 x CITIZEN_CLU720_(CLU720-1206B8-273M2)
_1340.38lm@250mA_CCT=2700K_P=8.35W_I=0.25A



Luminaire: LEDiL Oy F13401_ANGELINA-M_(LUXEON_COB_1208) Eff.92.5%

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

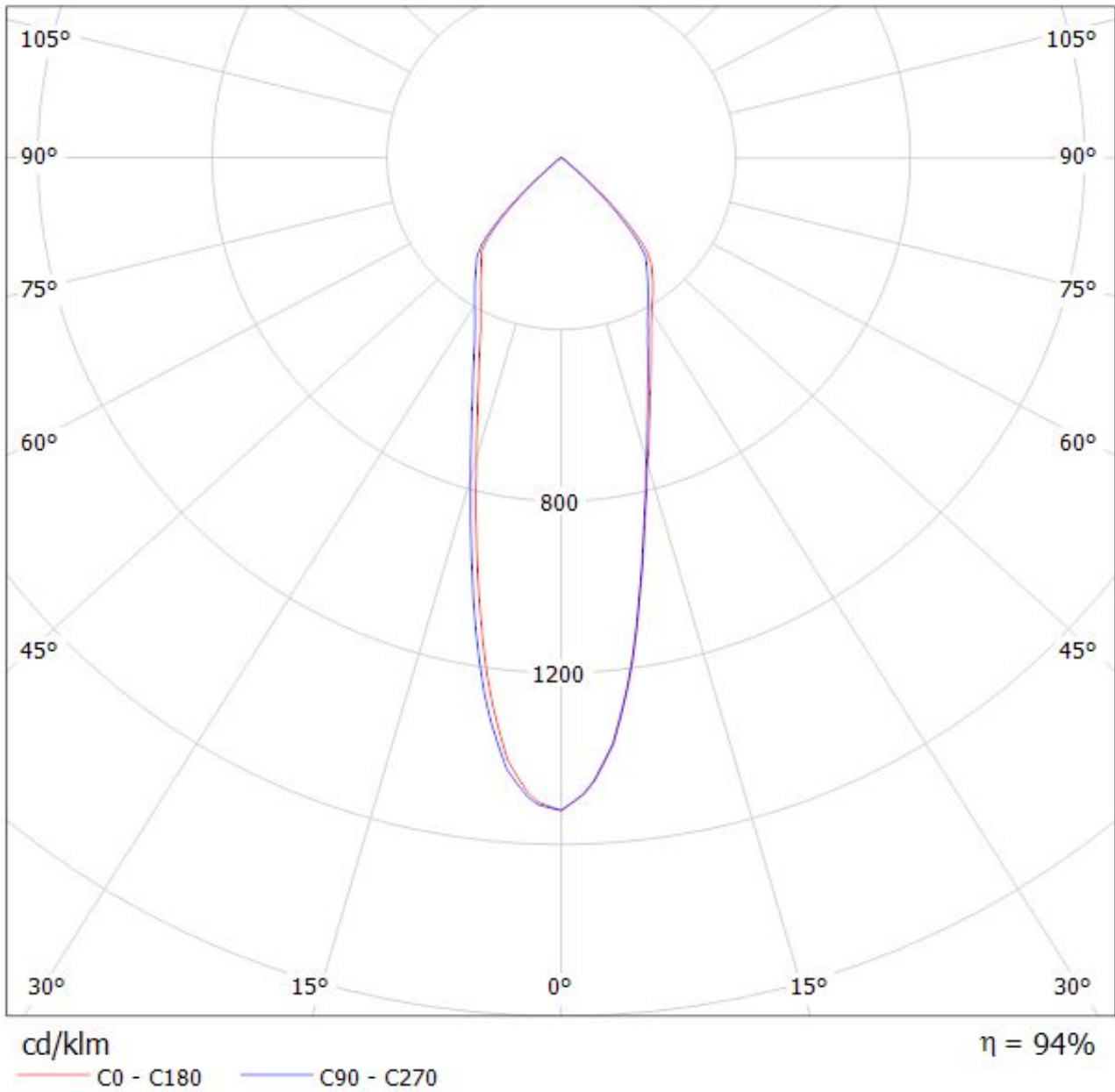


cd/klm

— C0 - C180 — C90 - C270

$\eta = 93\%$

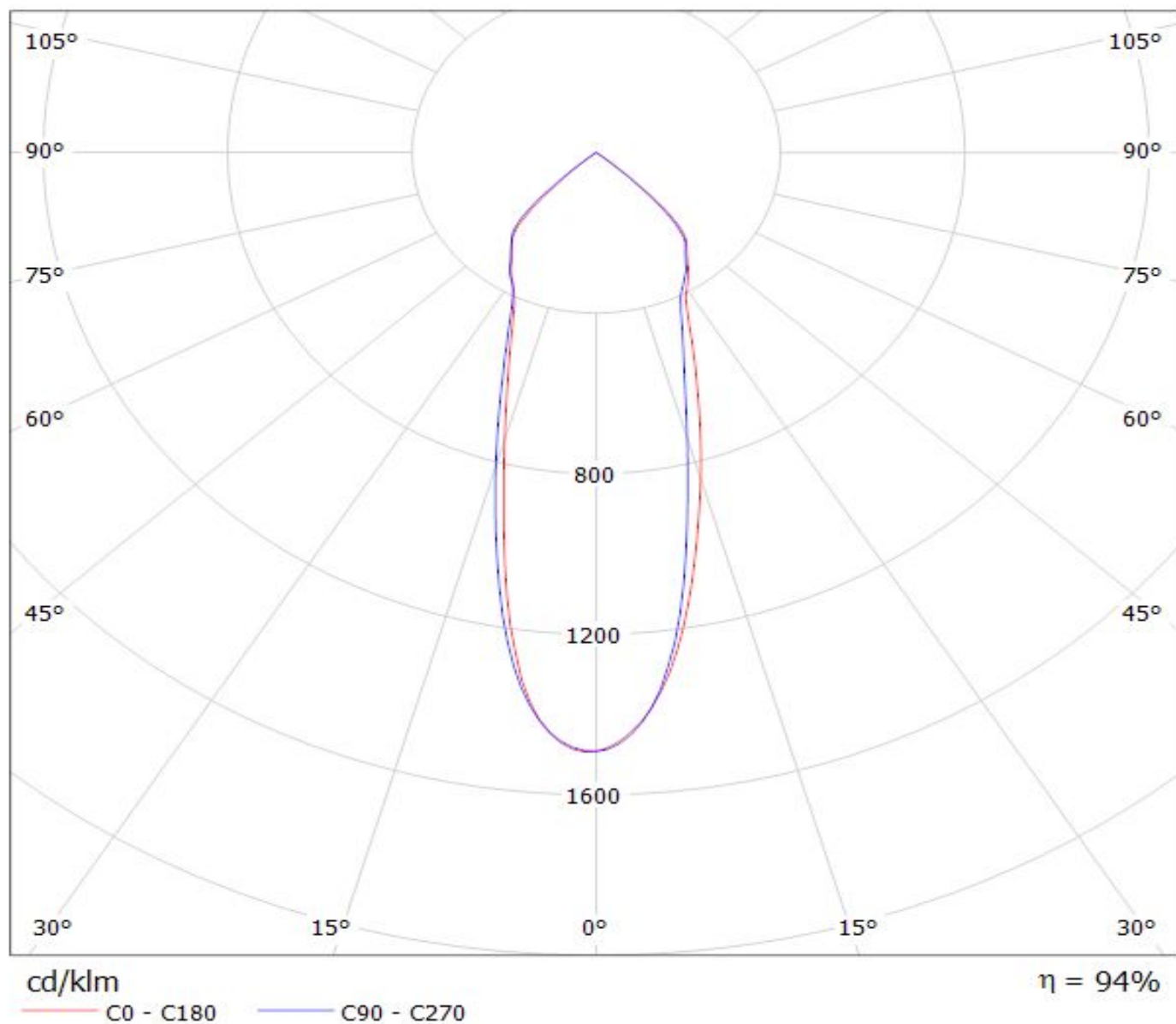
Luminaire: LEDiL Oy F13401_ANGELINA-M_(NSCxJ216A) Eff.93.5%
Lamps: 1 x NICHIA_NSCxJ216A_(NSCLJ216AE)_949.847lm@250mA_CCT=3000K_P=7.96937W_I=249.8mA



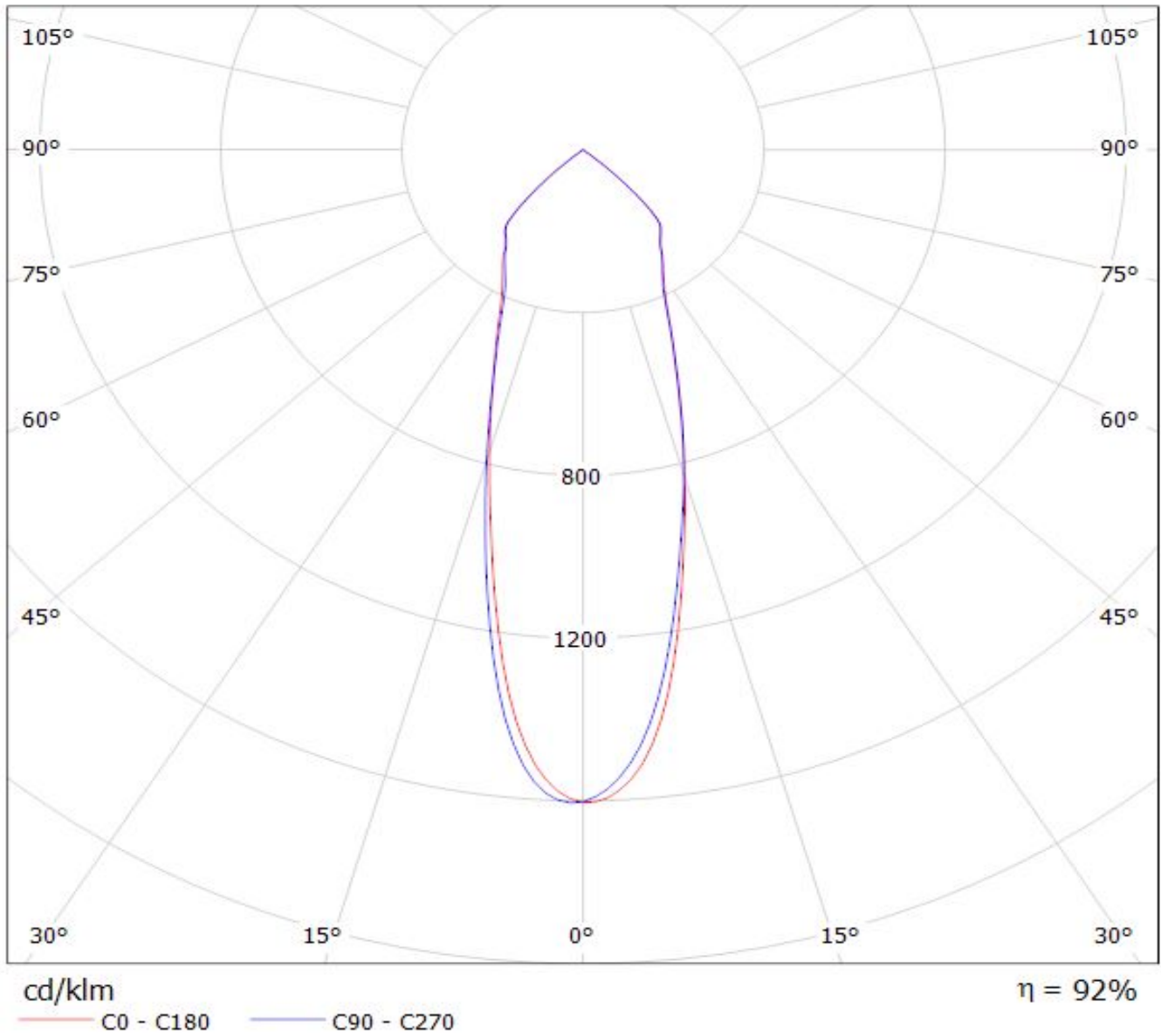
LEDiL Oy C13401_ANGELINA-M_(LUXEON_K16) Eff.93.6% / LDC (Polar)

Luminaire: LEDiL Oy C13401_ANGELINA-M_(LUXEON_K16) Eff.93.6%

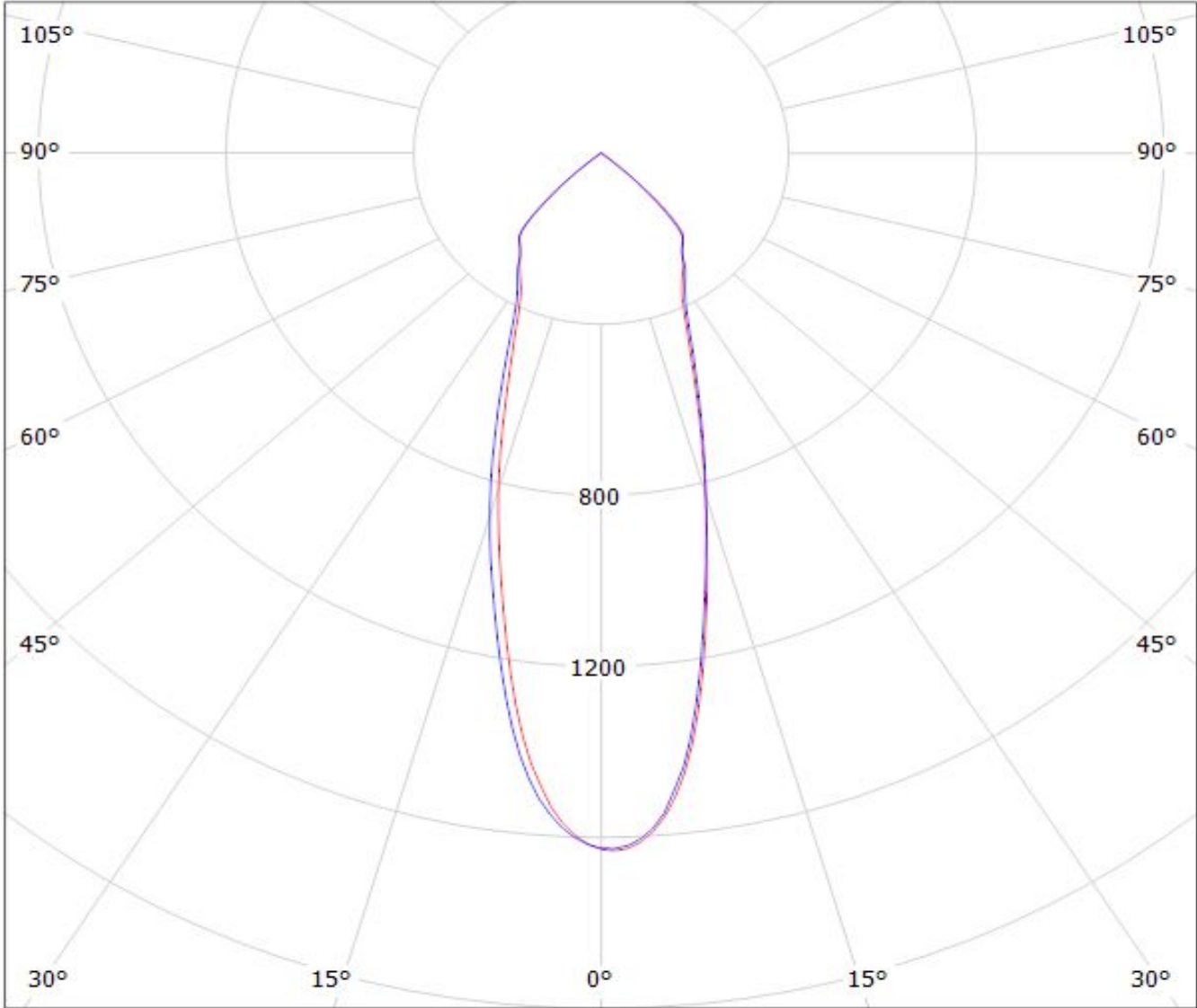
Lamps: 1 x LUXEON_K16 (1204.33lm@250mA)



Luminaire: LEDiL Oy F13401_ANGELINA-M_(MegaZenigata) 92.0%
Lamps: 1 x MegaZenigata_GW6DME (518.495lm@100mA)



Luminaire: LEDiL Oy F13401_ANGELINA-M (LUXEON_CoB_1208) Eff: 93 %
Lamps: 1 x Luxeon CoB 1208 (LHC1-3080-1208) 1029lm@250mA CCT=3000K P=8.2W I=250mA

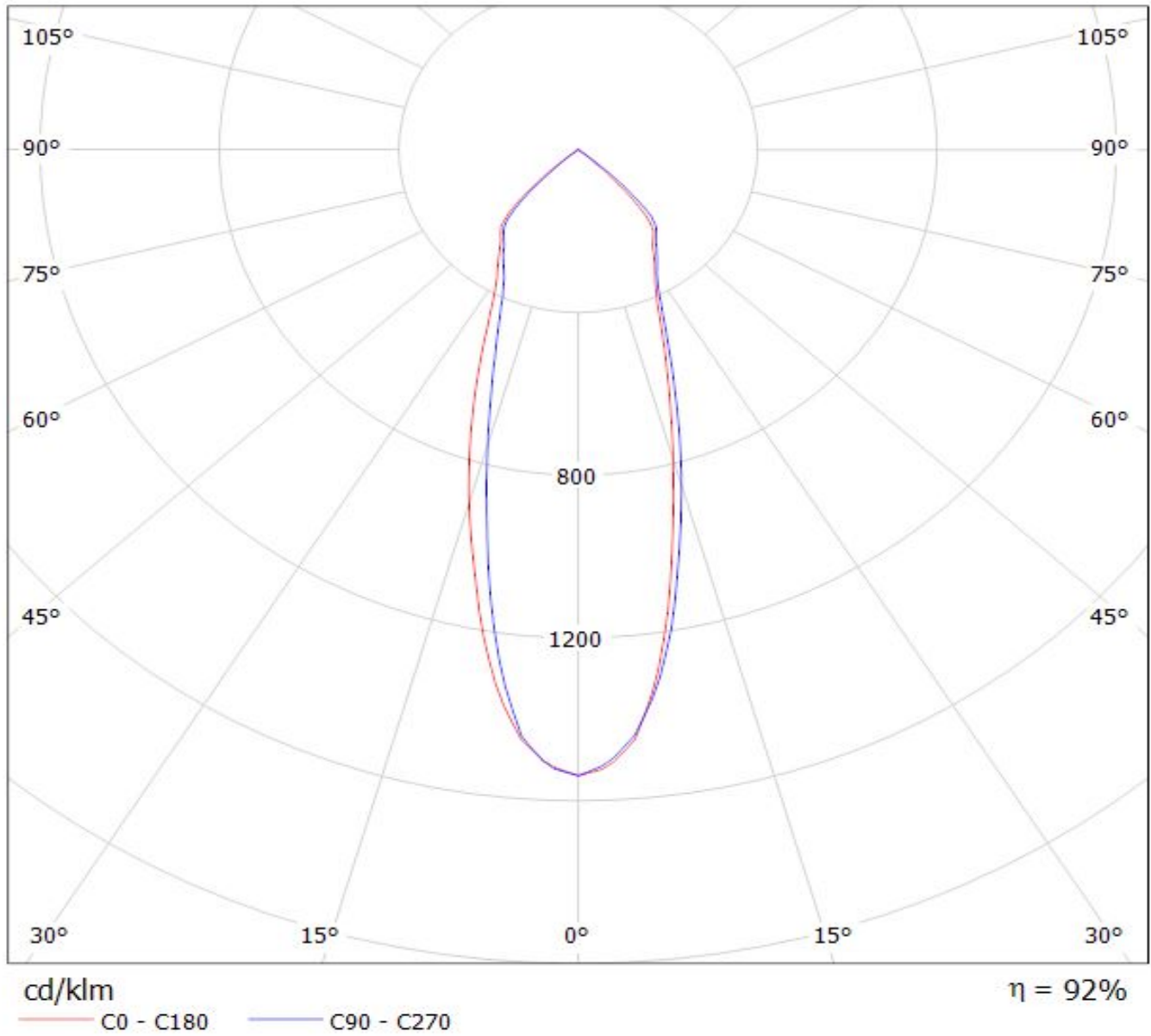


cd/klm

— C0 - C180 — C90 - C270

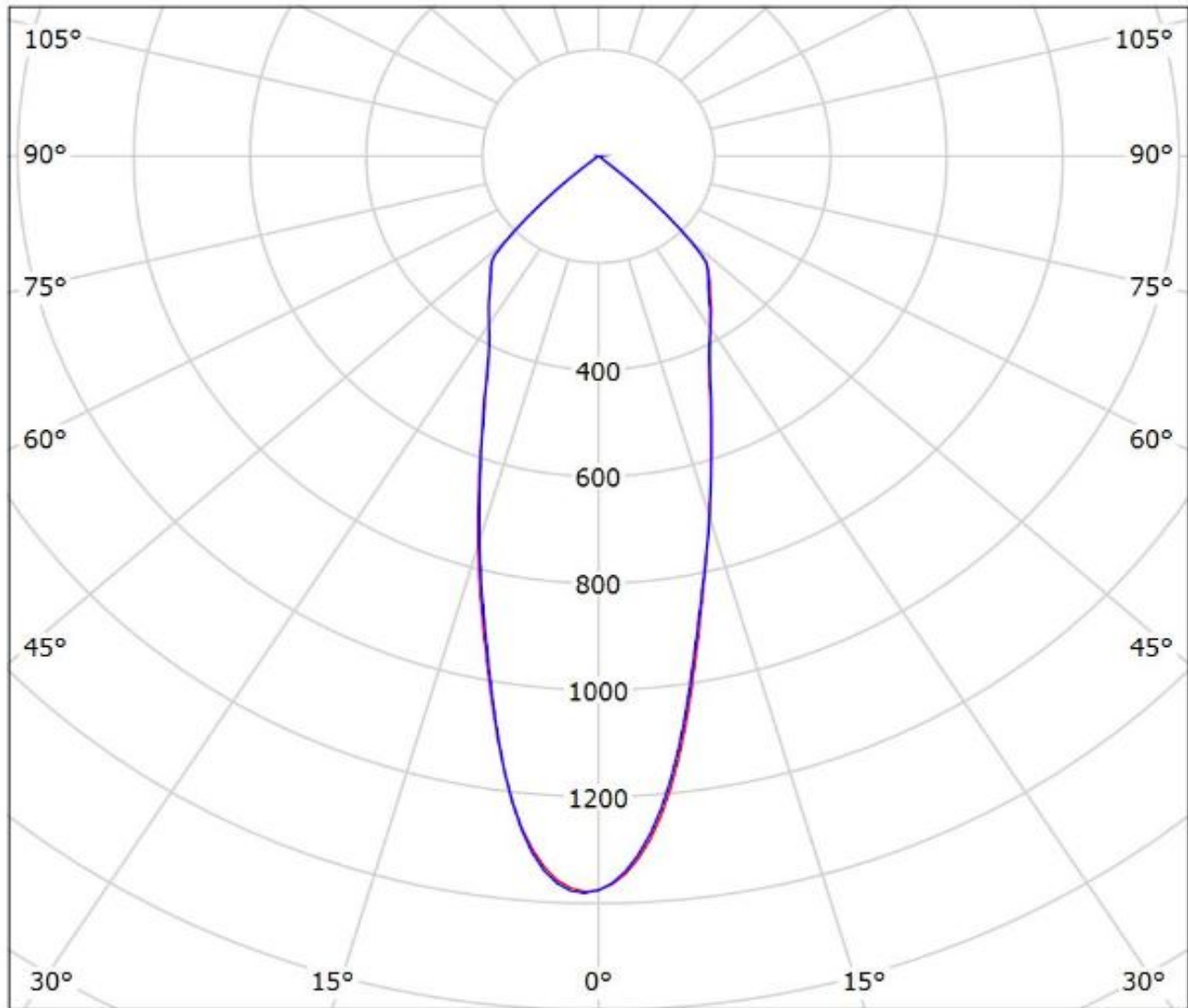
$\eta = 93\%$

Luminaire: LEDiL Oy F13401_ANGELINA-M_(STARK_SLE_G2_LES19) Eff.91.6%
Lamps: 1 x TRIDONIC STARK SLE G2 LES19 830 CLA 964.643lm@250mA CCT=3000K P=8W I=250mA



Luminaire: LEDiL Oy F13401_ANGELINA-M_(SOLERIQ_P13)

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



cd/klm

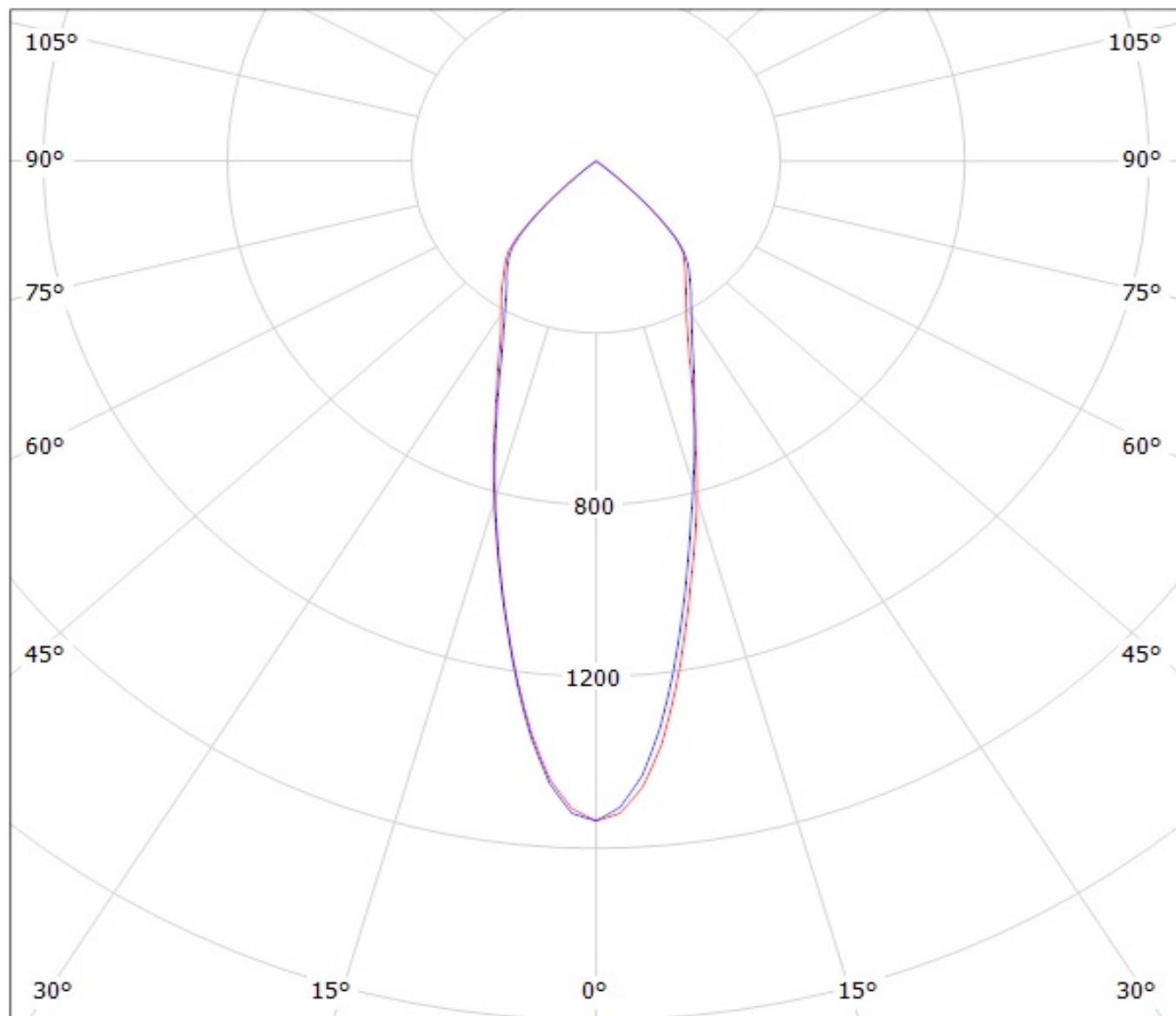
— C0 - C180

— C90 - C270

$\eta = 93\%$

Luminaire: LEDil Oy F13401_ANGELINA-M_(Soleriq_S13) Efficiency=94%

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



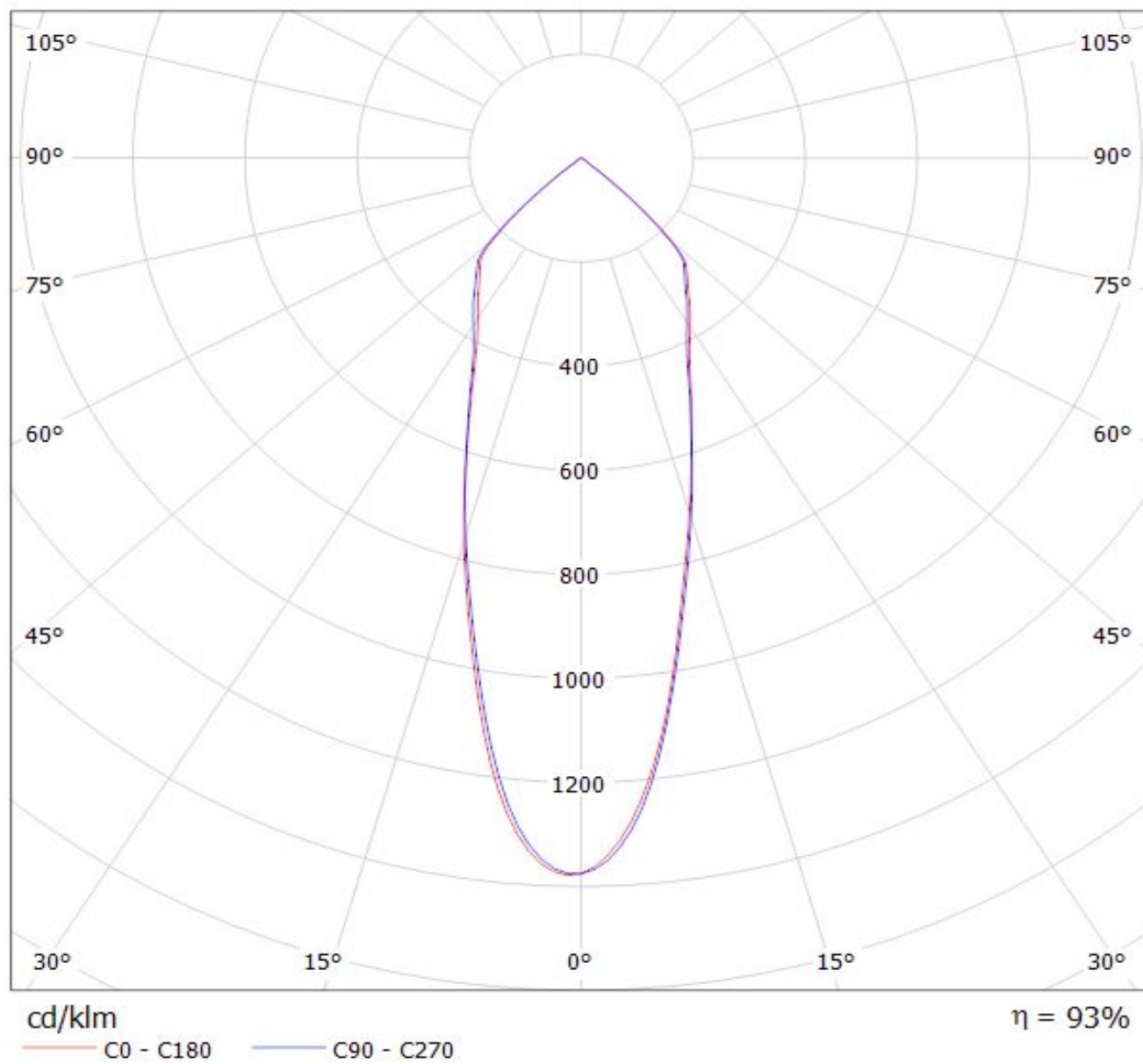
cd/klm

— C0 - C180

— C90 - C270

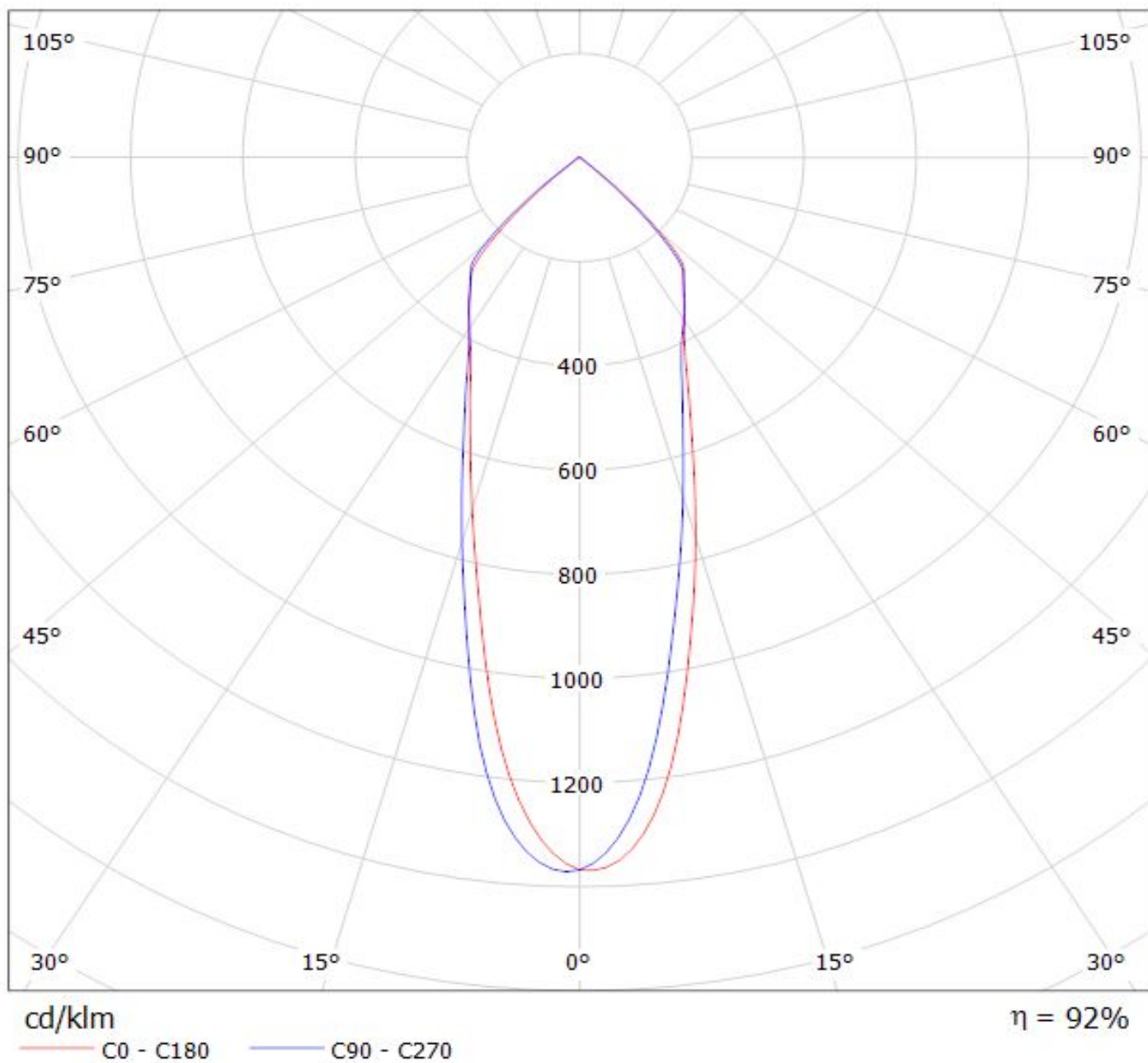
Luminaire: LEDiL Oy F13401_ANGELINA-M_(CXM-14)

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



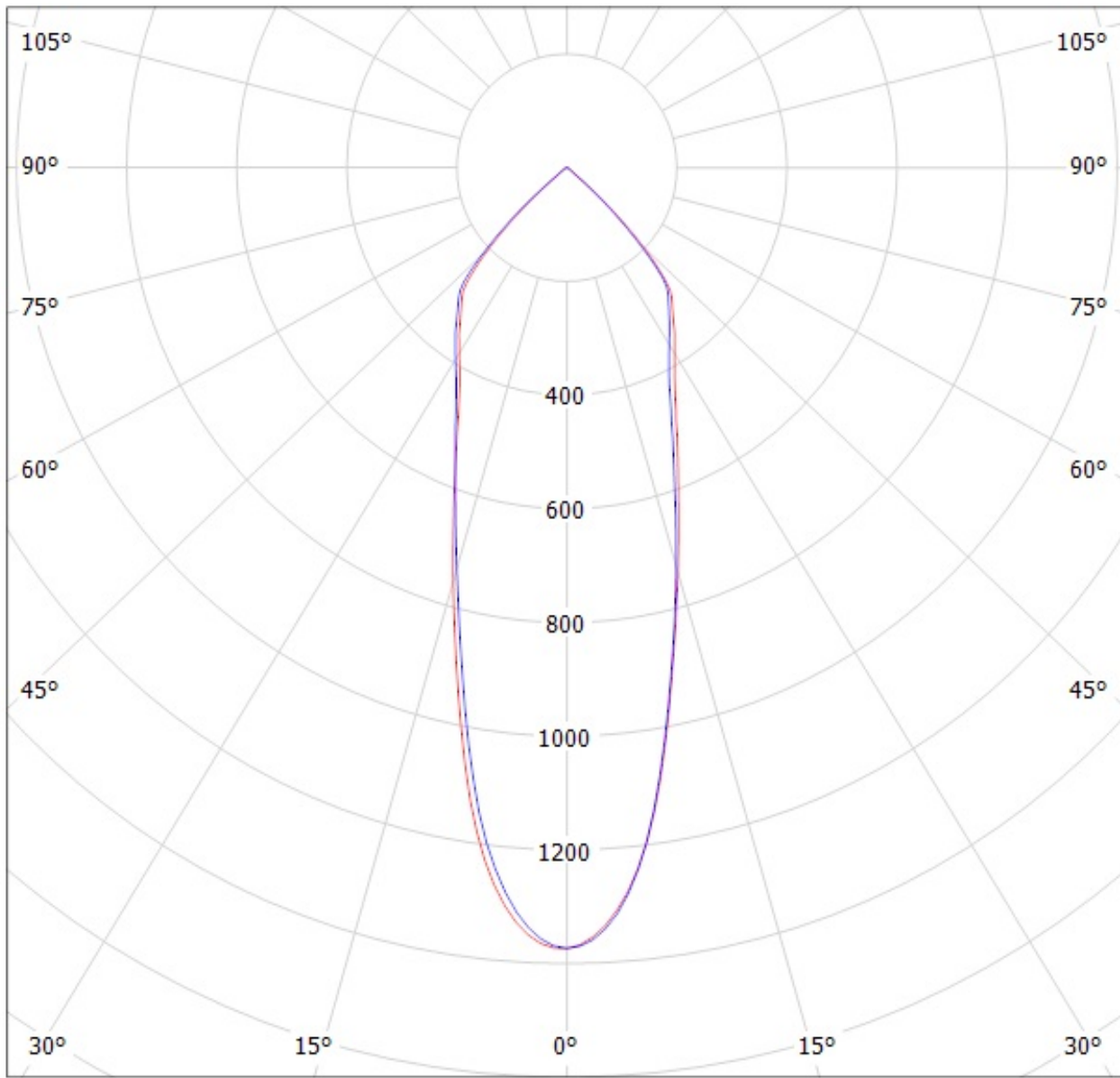
Luminaire: LEDiL Oy F13401_ANGELINA-M_(Fortimo LED SLM L15 G4)

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



Luminaire: LEDiL Oy F13401_ANGELINA-M_(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



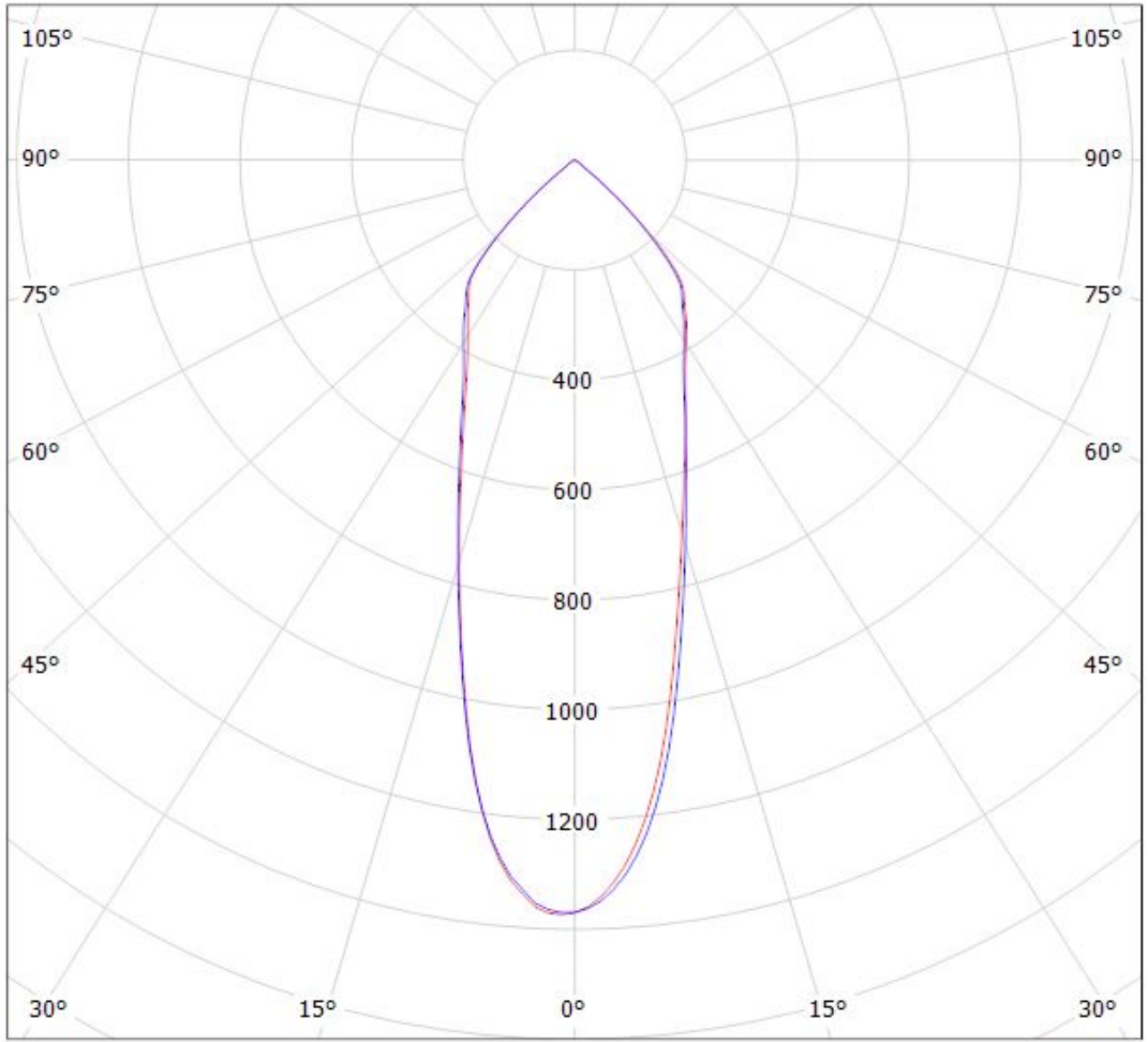
cd/klm

$\eta = 93\%$

— C0 - C180

— C90 - C270

Luminaire: LEDiL Oy F13401_ANGELINA-M_(CXA25) Eff.93.0%
Lamps: 1 x CREE_CXA25_(CXA2530-7C0-T2-N0H)_1151.98lm@250mA_CCT=3000K_P=8.4892W_I=249.8mA



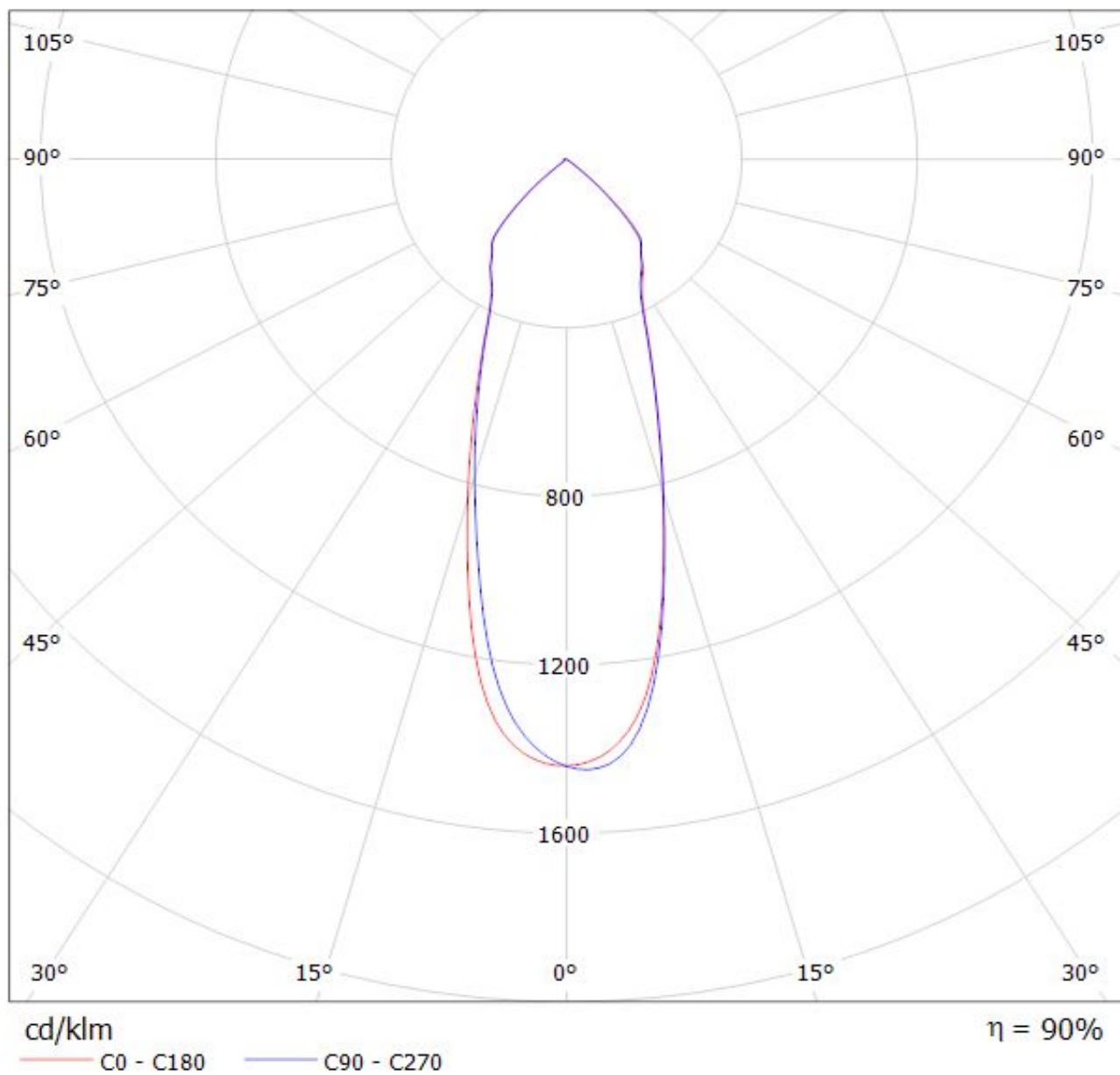
cd/klm

$\eta = 93\%$

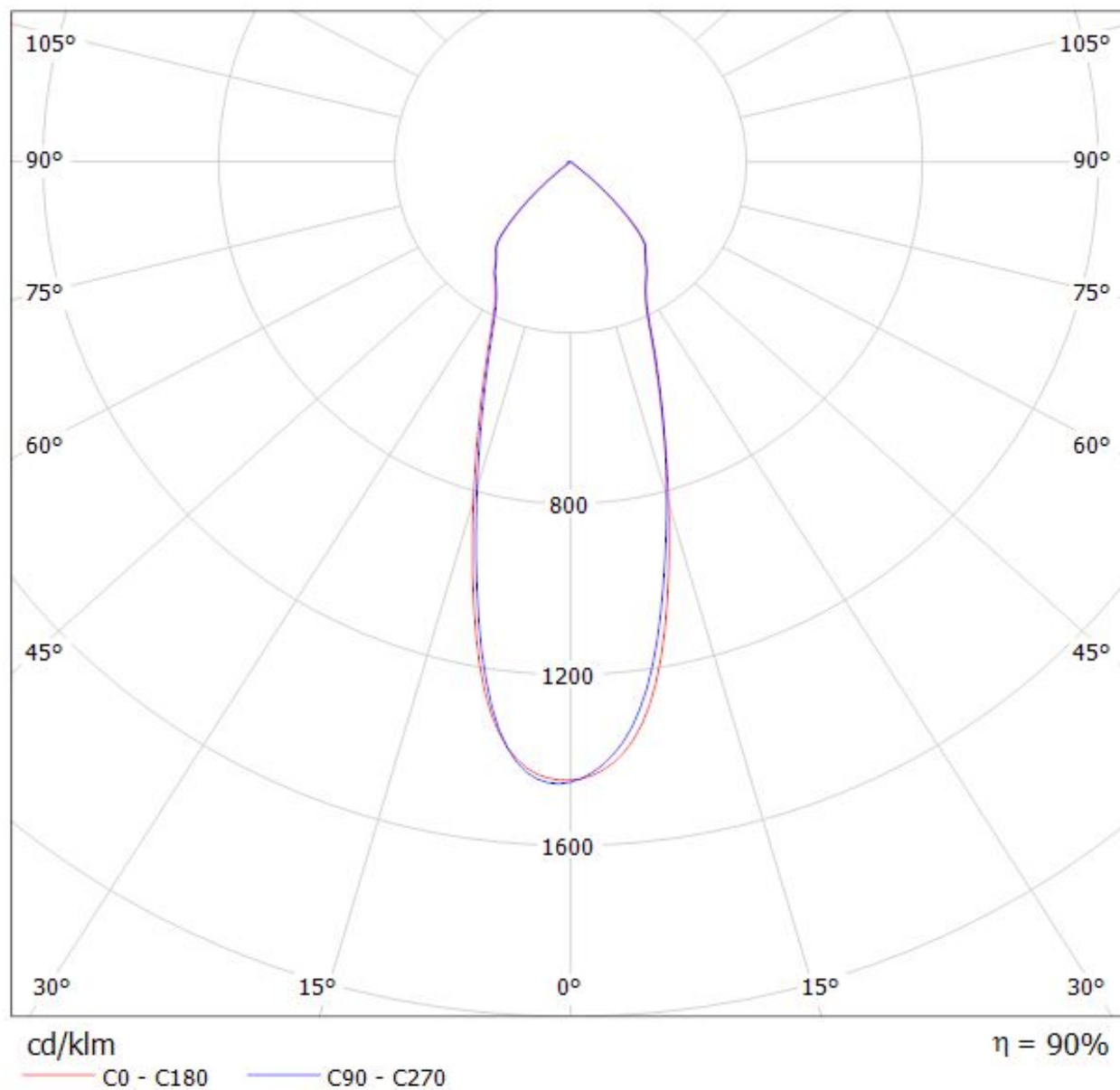
— C0 - C180 — C90 - C270

Luminaire: LEDiL Oy F13401_ANGELINA-M_(FORTIMO_2000) Eff.90.5%

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

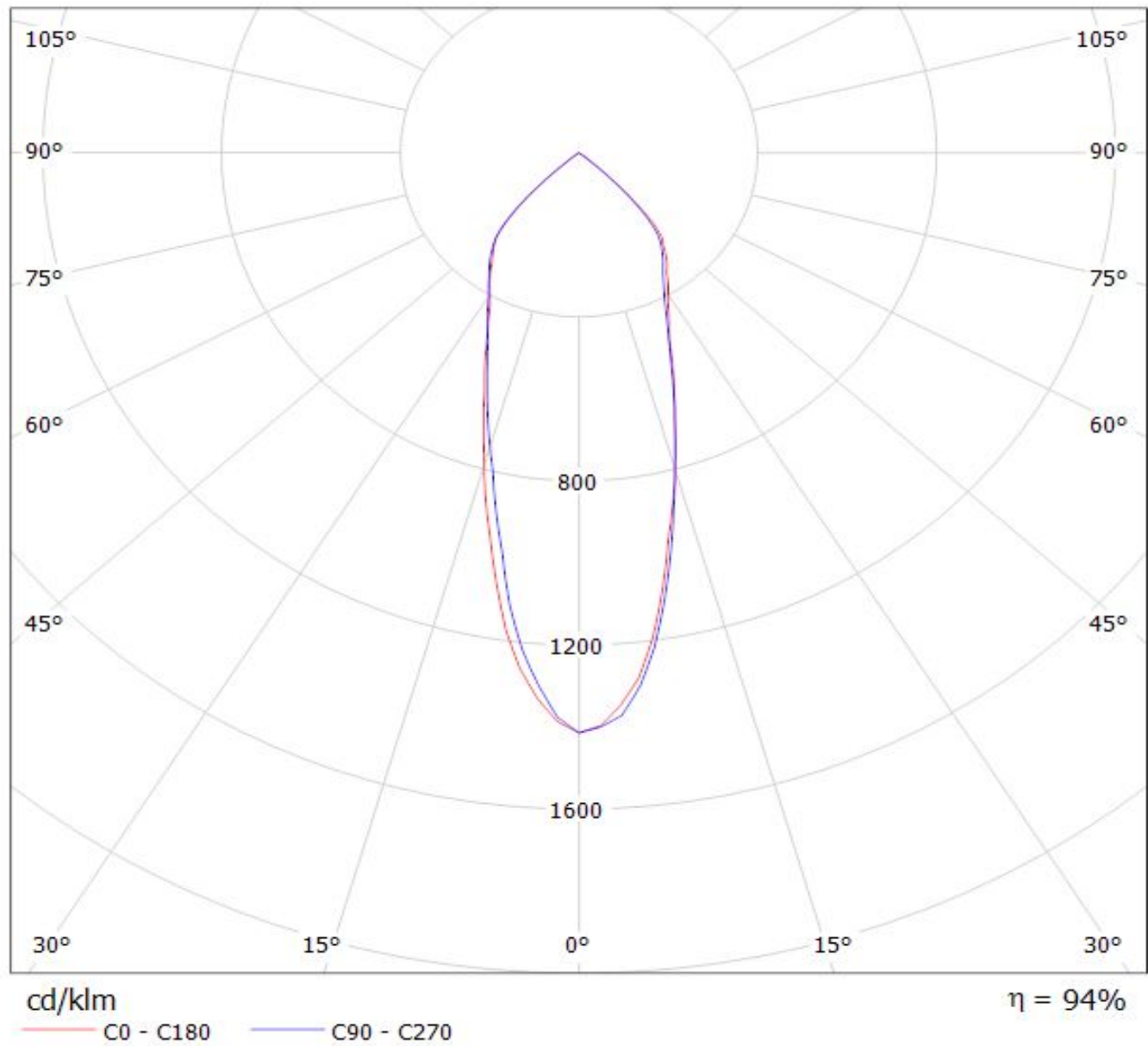


Luminaire: LEDiL Oy F13401_ANGELINA-M_(FORTIMO_3000) Eff.90.3%
Lamps: 1 x PHILIPS Fortimo LED SLM 3000 28W/830 L19 G3 1046.76lm@250mA CCT=3000K P=9W I=250mA



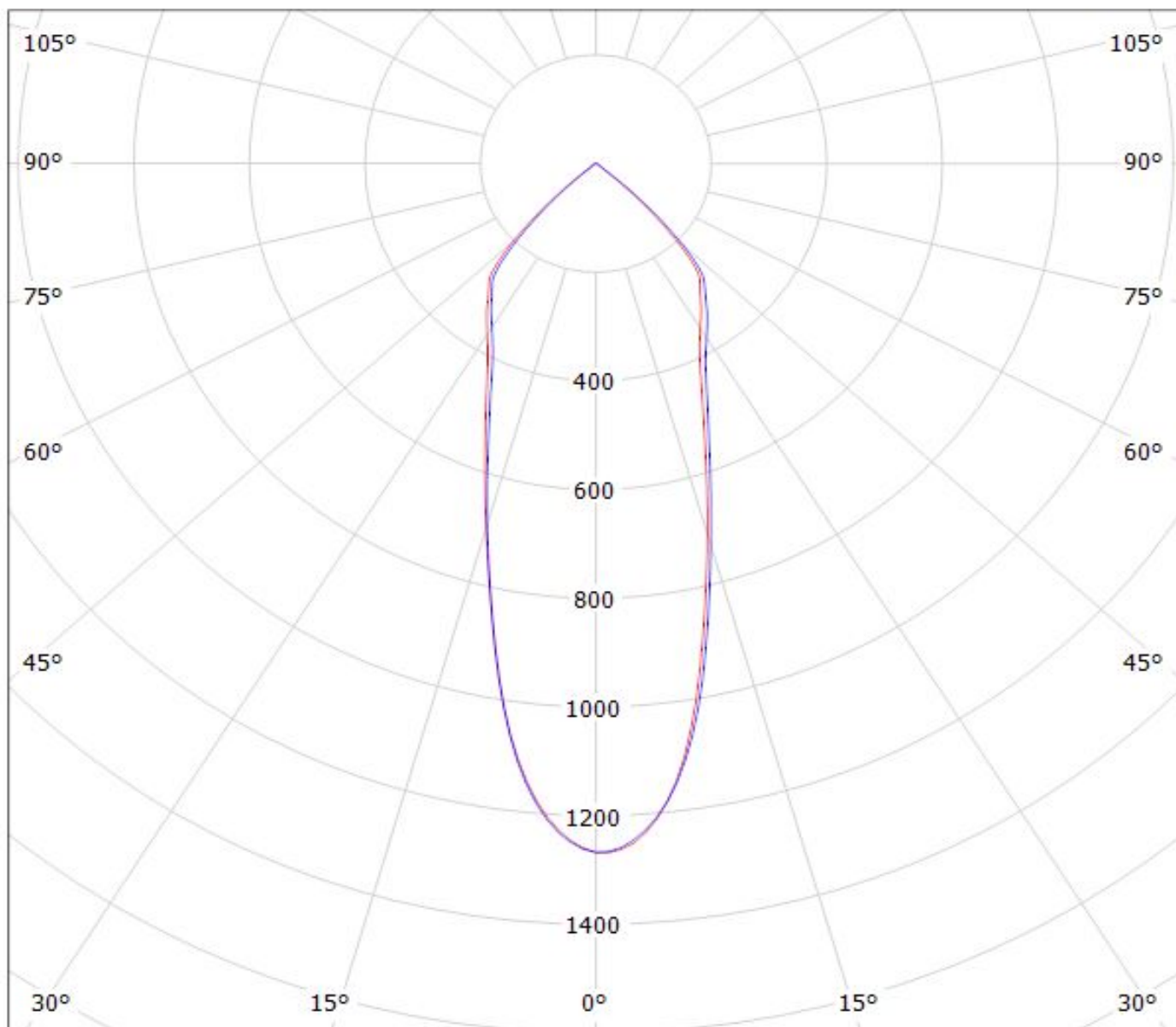
Luminaire: LEDiL F13401_ANGELINA-M_(CLL030)

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



Luminaire: LEDiL Oy F13401_ANGELINA-M_(SLE GEN4 LES19)

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



cd/klm

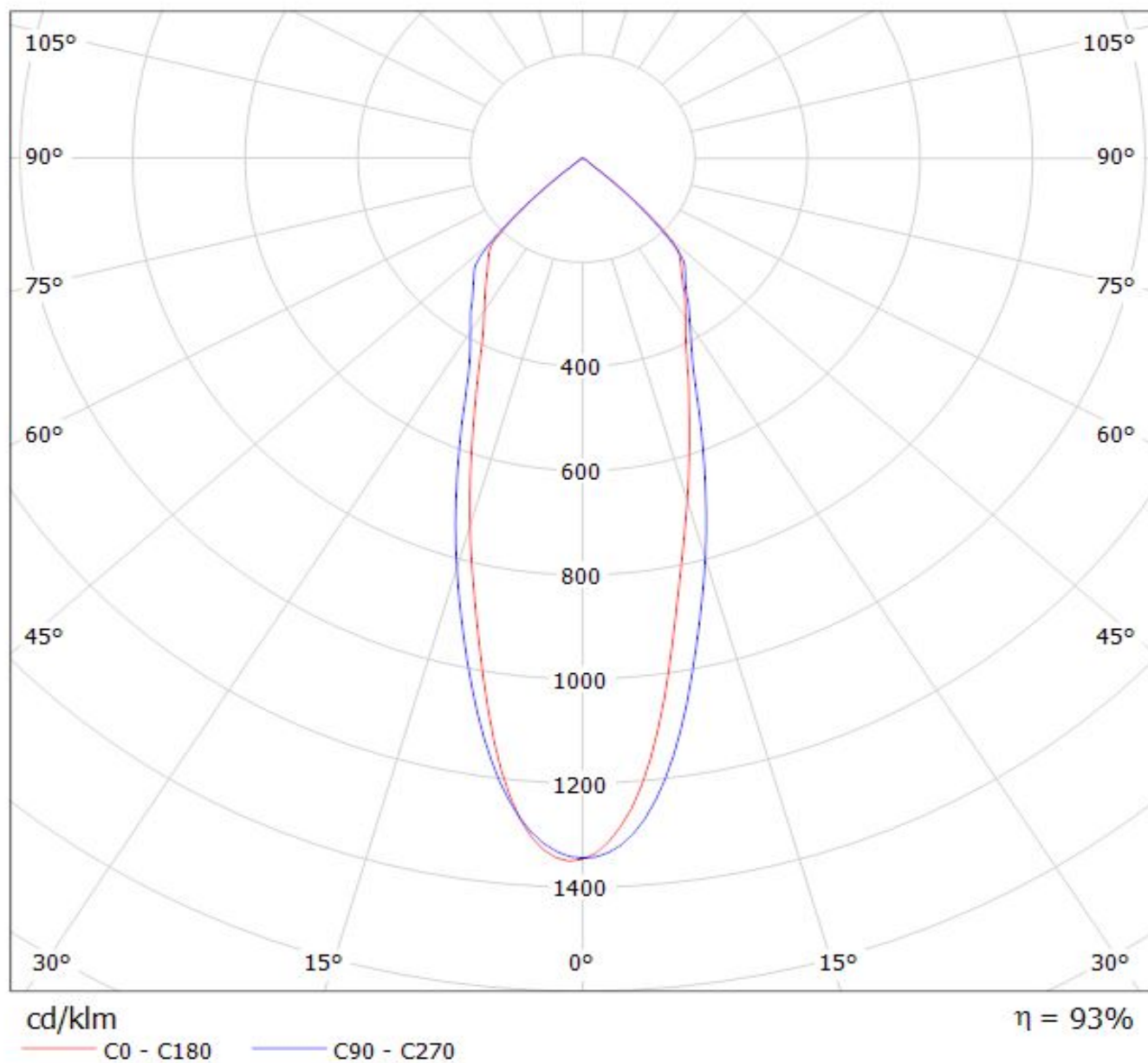
$\eta = 89\%$

— C0 - C180

— C90 - C270

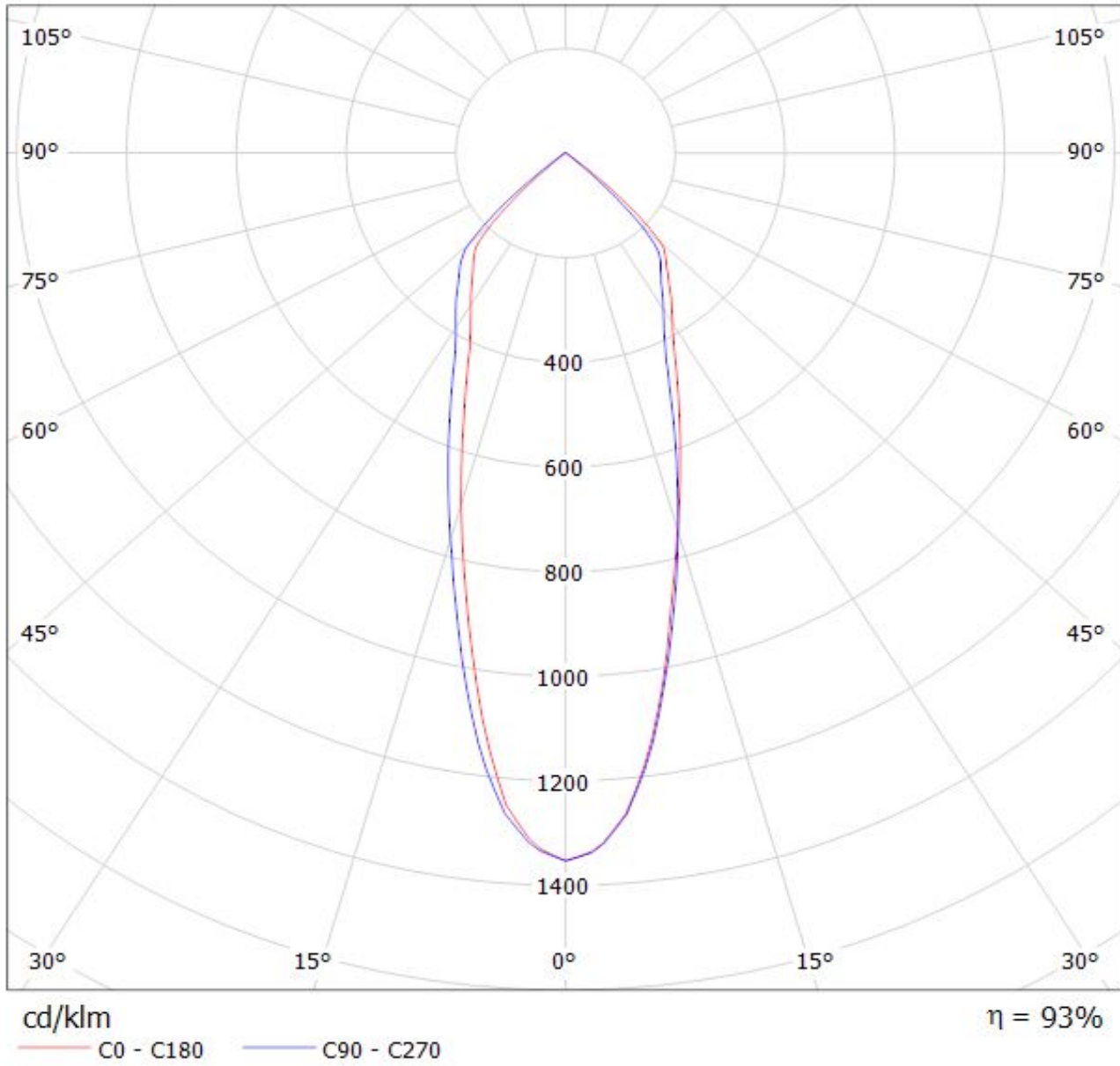
Luminaire: LEDiL Oy F13401_ANGELINA-M_(WU-M-461-827)

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

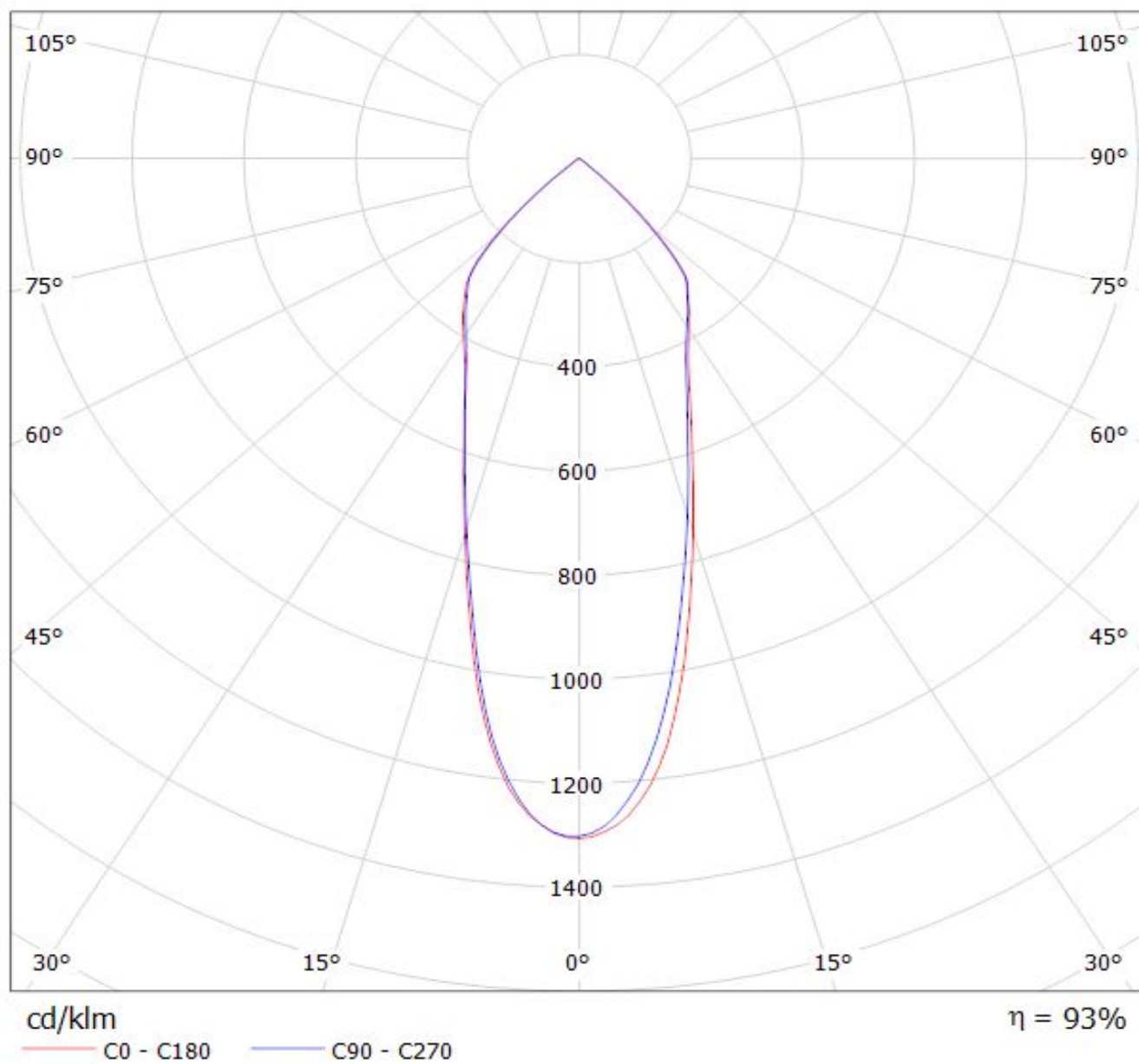


Luminaire: LEDiL Oy F13401_ANGELINA-M_(WU-M-484)

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

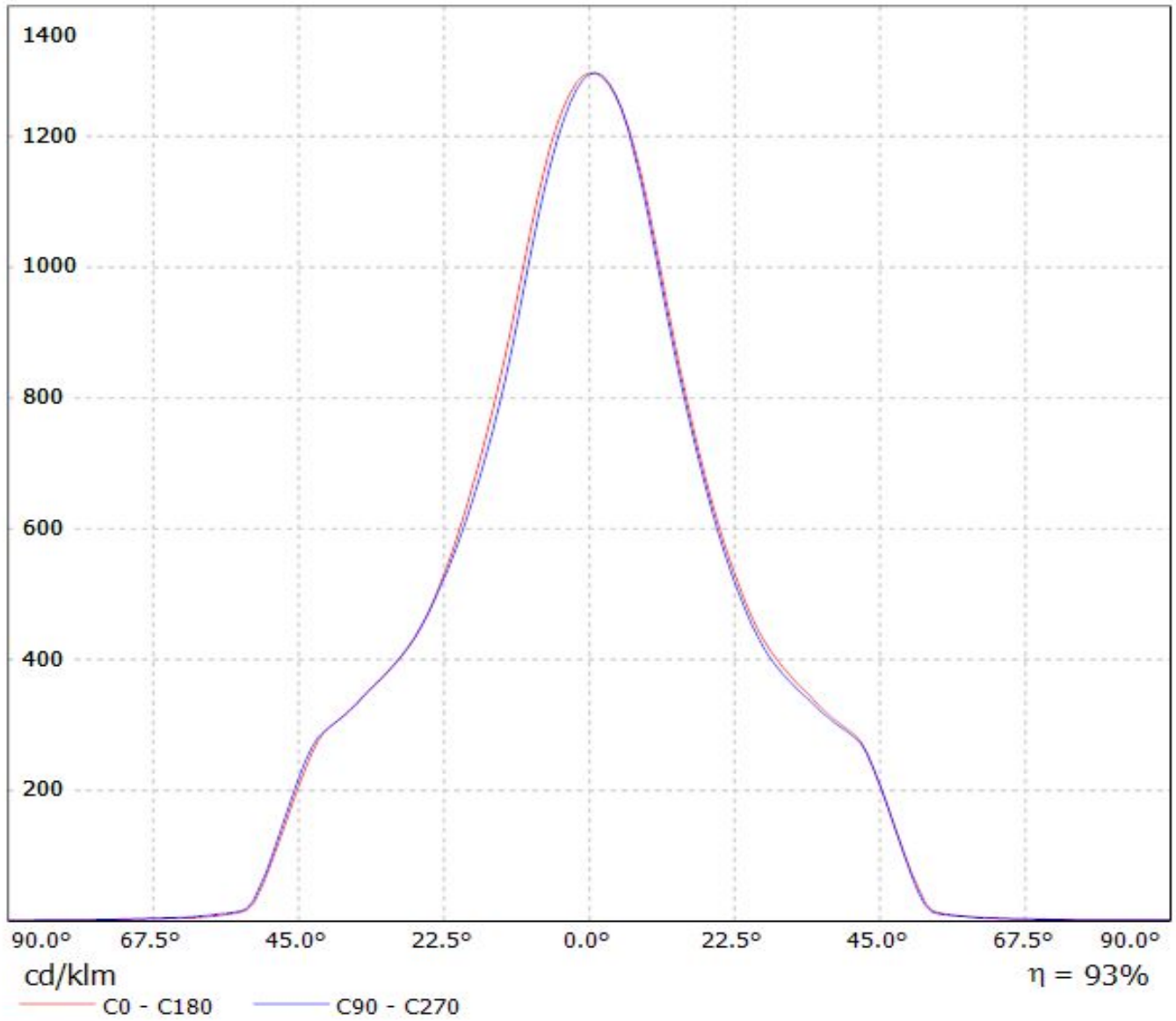


Luminaire: LEDiL Oy F13401_ANGELINA-M_(LEP-2000-827-C-AC)
Lamps: 1 x OSRAM PrevaLED Core AC (LEP-2000-827-C-AC)



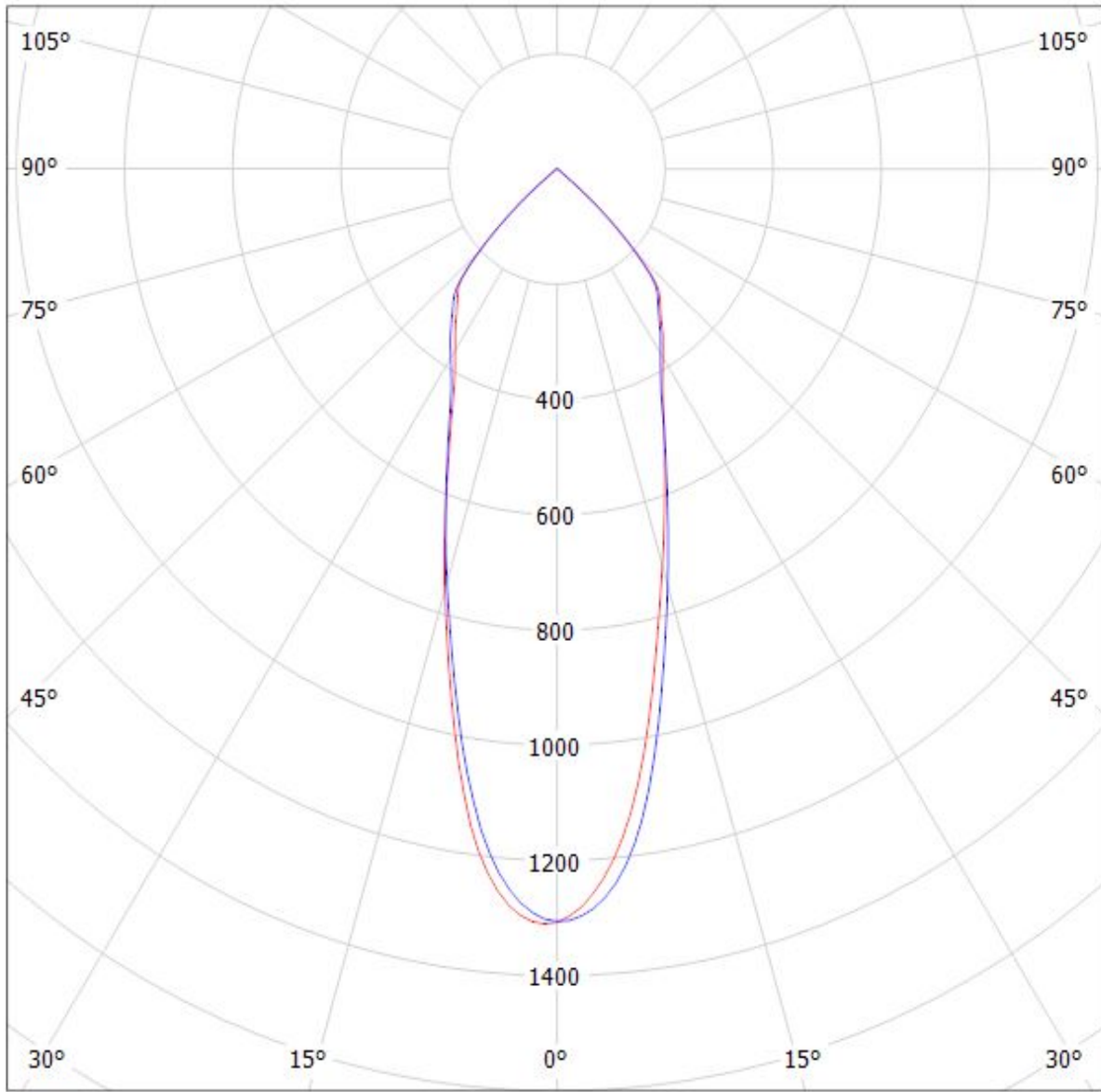
Luminaire: LEDiL Oy F13401_ANGELINA-M_(PrevaLED_LES19) Eff. 93%

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



Luminaire: LEDiL Oy F13401_ANGELINA-M_(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

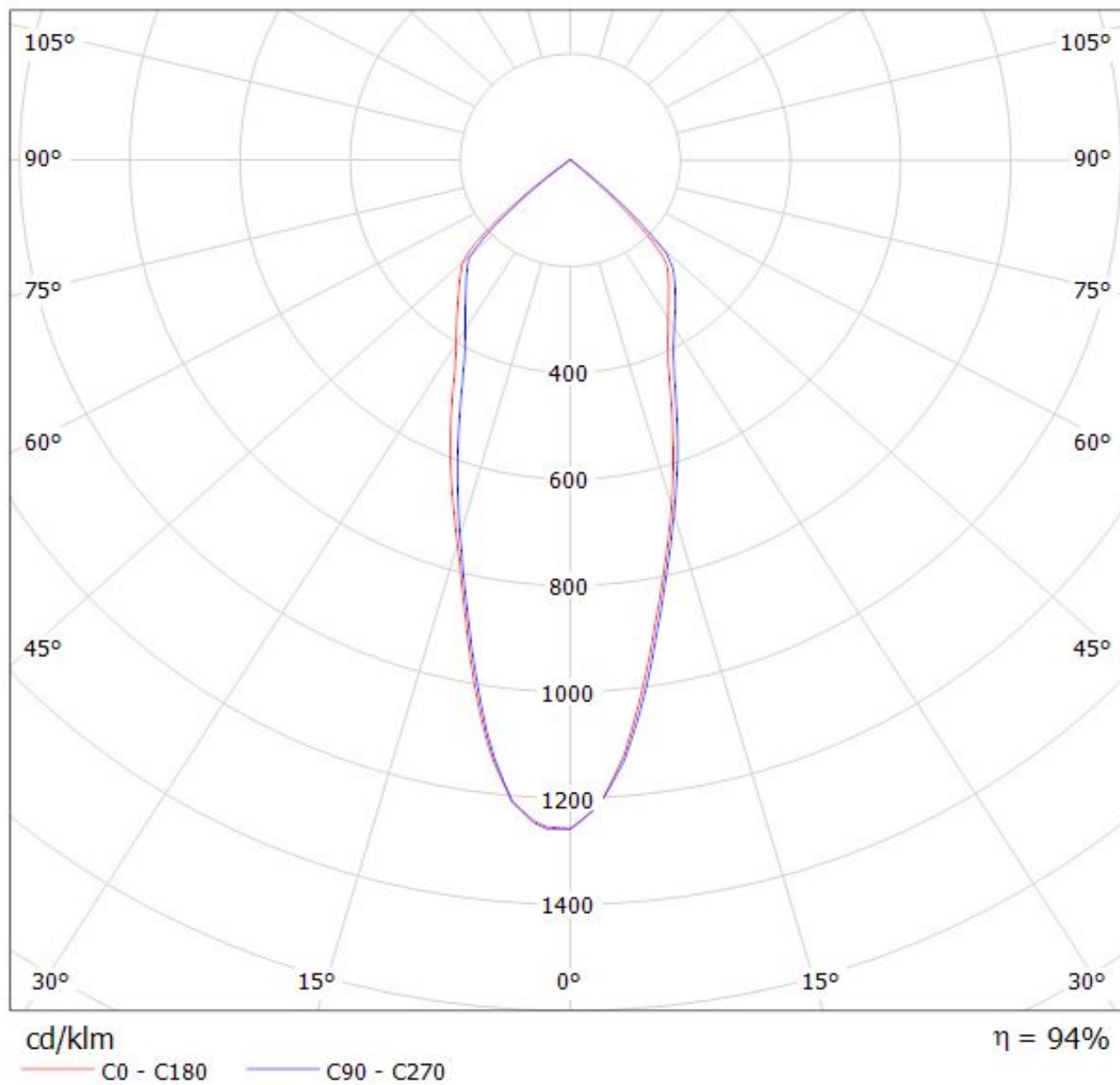
— C0 - C180

— C90 - C270

$\eta = 93\%$

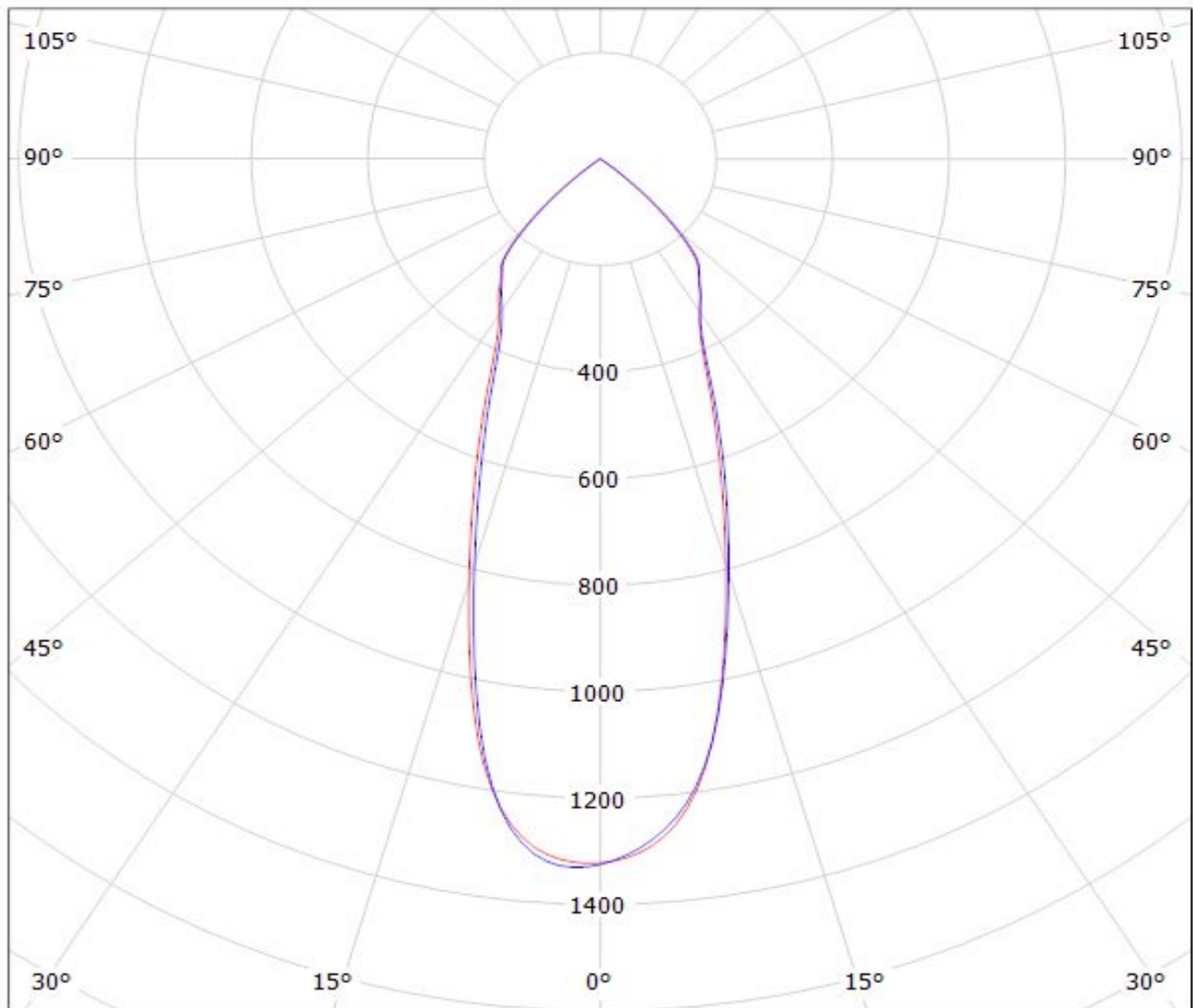
Luminaire: LEDiL Oy F13401_ANGELINA-M_(NSBxL121A)

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



Luminaire: LEDiL Oy F13401_ANGELINA-M_(STARK_SLE_G2_LES23) Eff.90.2%

Lamps: 1 x TRIDONIC STARK SLE G2 LES23 830 CLA 982.731lm@250mA CCT=3000K P=8W I=250mA



cd/klm

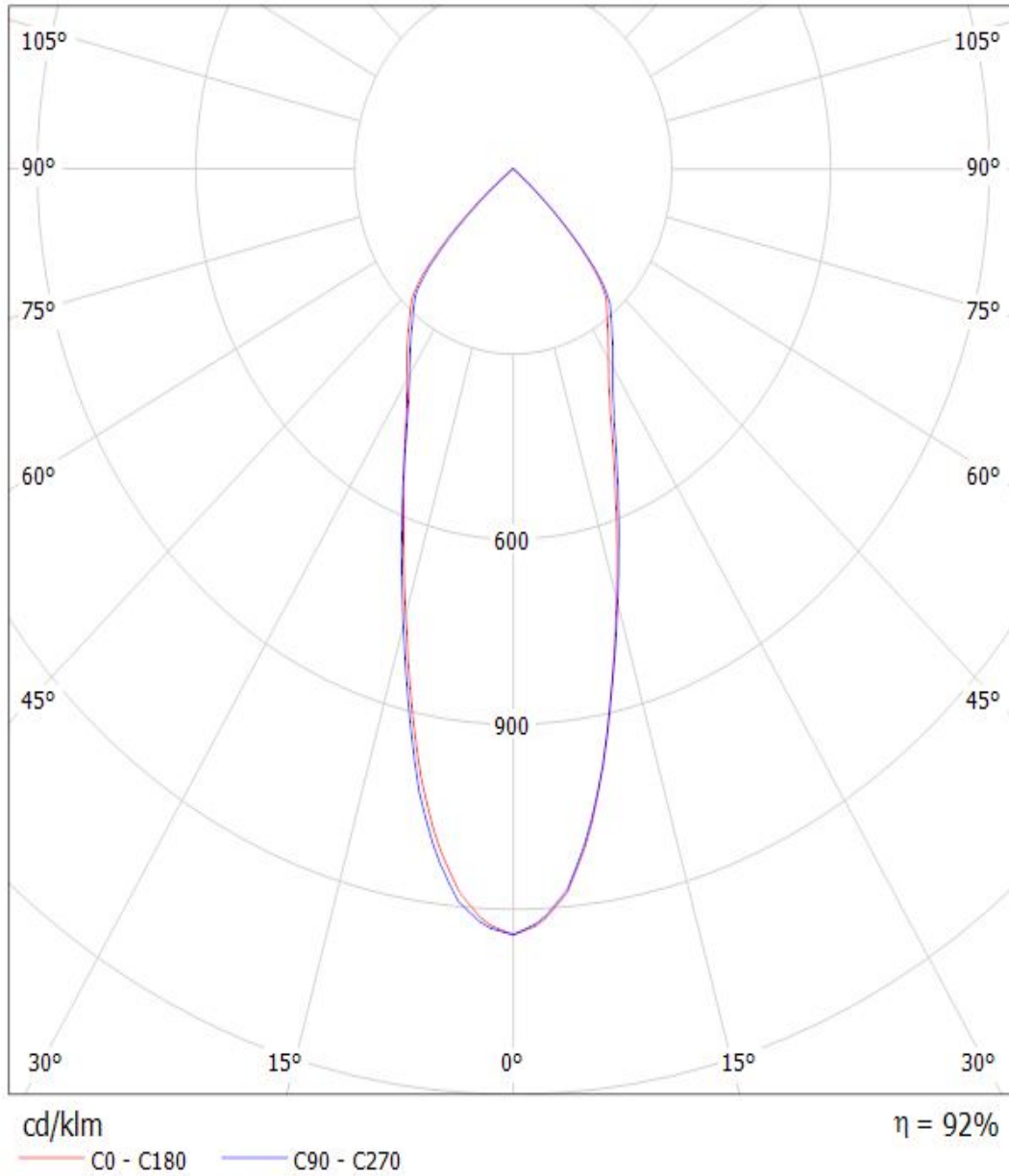
— C0 - C180

— C90 - C270

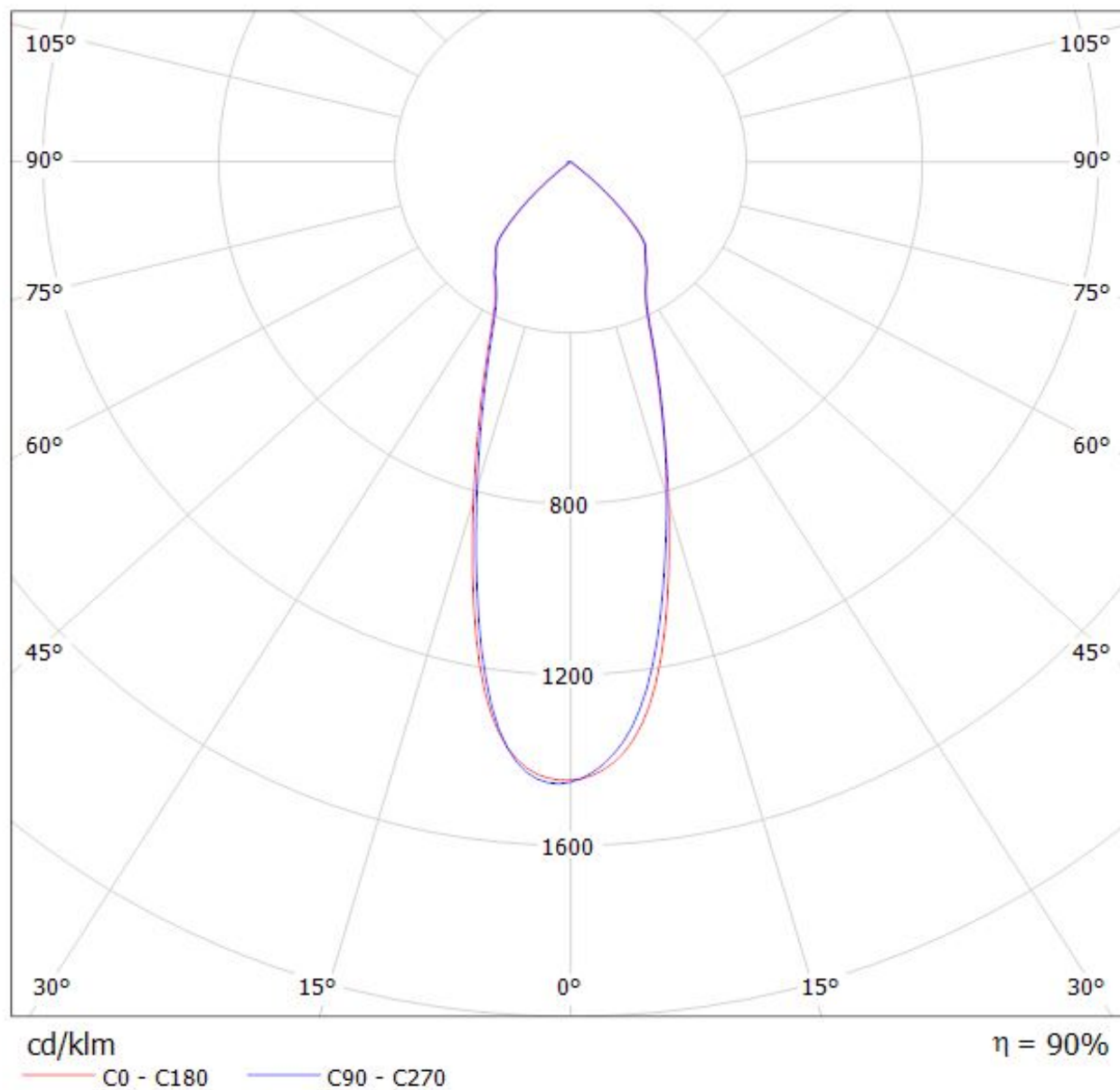
$\eta = 90\%$

Luminaire: LEDiL Oy F13401_ANGELINA-M_(SLE_G3_LES19) Eff.92.1%

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

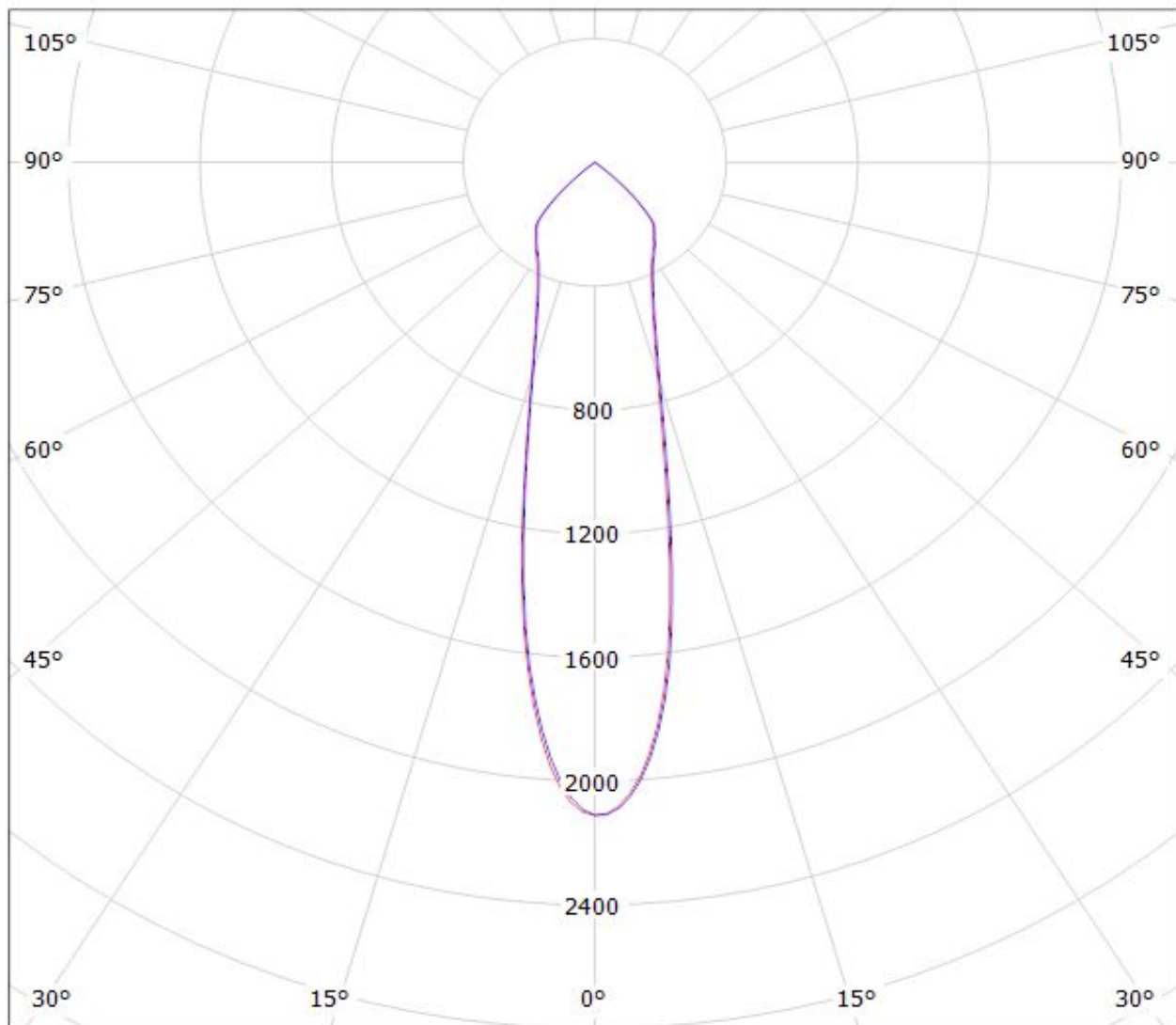


Luminaire: LEDiL Oy F13401_ANGELINA-M_(FORTIMO_3000) Eff.90.3%
Lamps: 1 x PHILIPS Fortimo LED SLM 3000 28W/830 L19 G3 1046.76lm@250mA CCT=3000K P=9W I=250mA



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



cd/klm

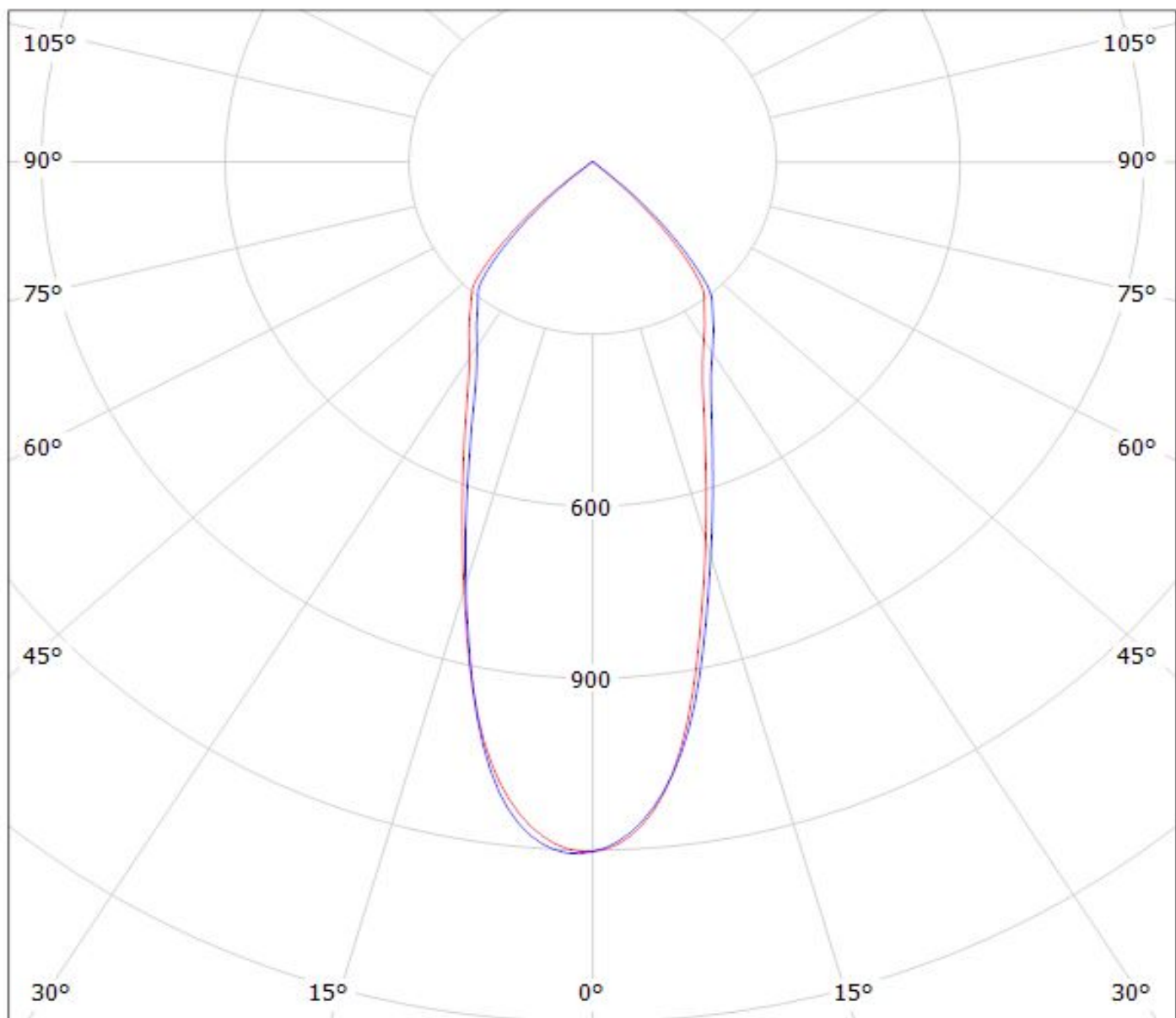
— C0 - C180

— C90 - C270

$\eta = 93\%$

Luminaire: LEDiL Oy F13401_ANGELINA-M_(Fortimo LED SLM L19 G4)

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



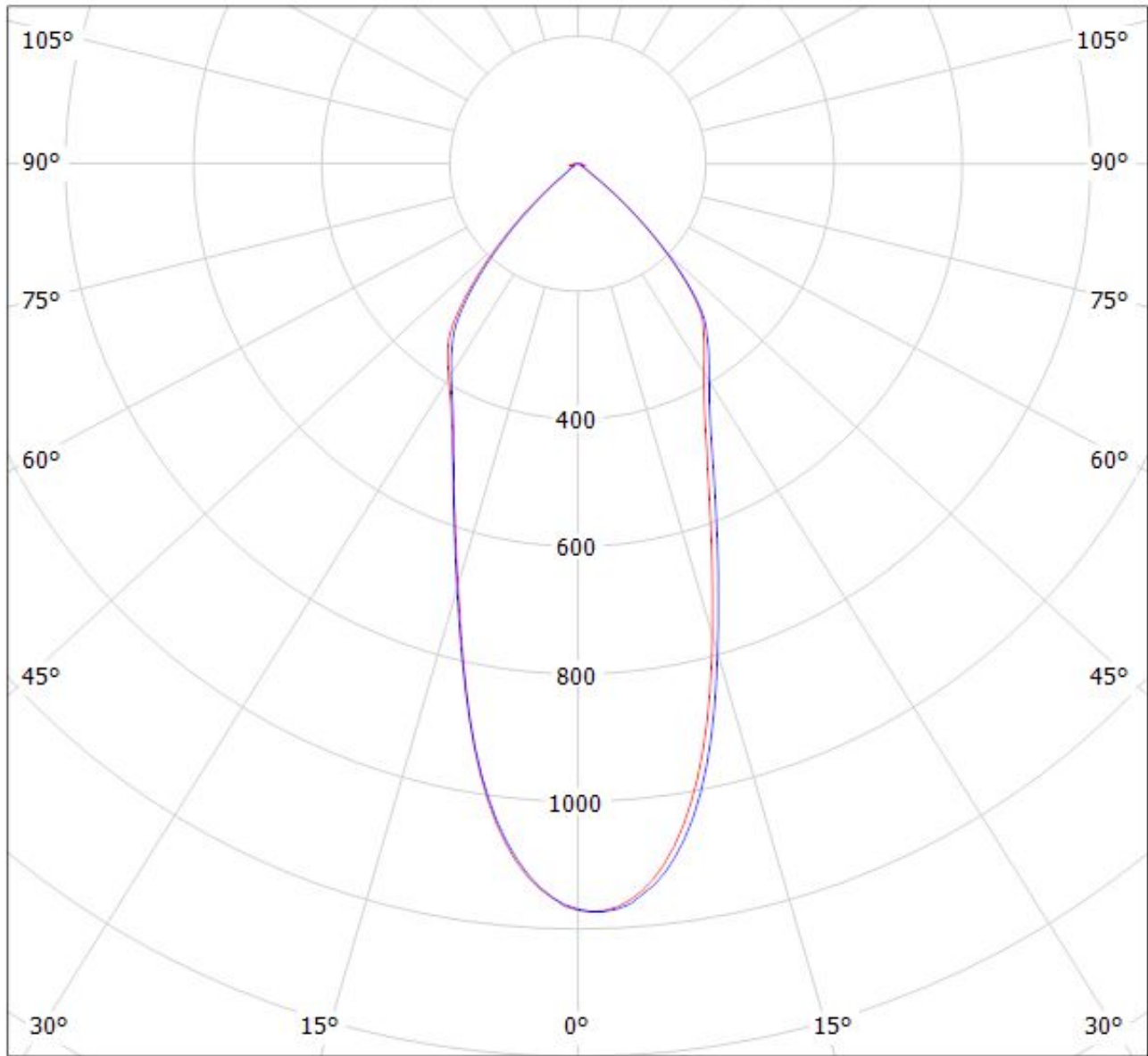
cd/klm

— C0 - C180 — C90 - C270

$\eta = 91\%$

Luminaire: LEDiL Oy F13401_ANGELINA-M_(CXA30) Eff. 93%

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



cd/klm

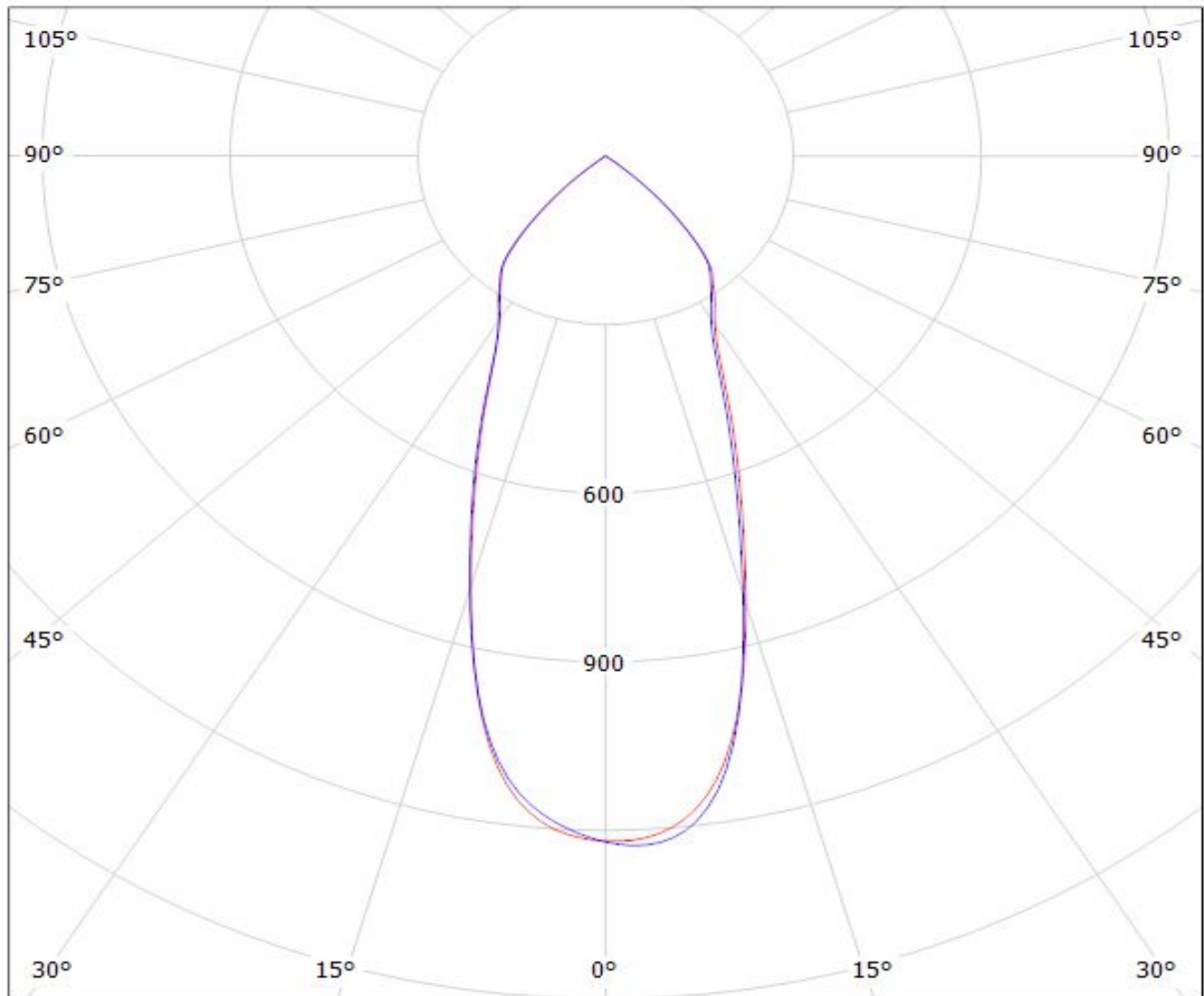
— C0 - C180

— C90 - C270

$\eta = 93\%$

Luminaire: LEDiL Oy F13401_ANGELINA-M_(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



cd/klm

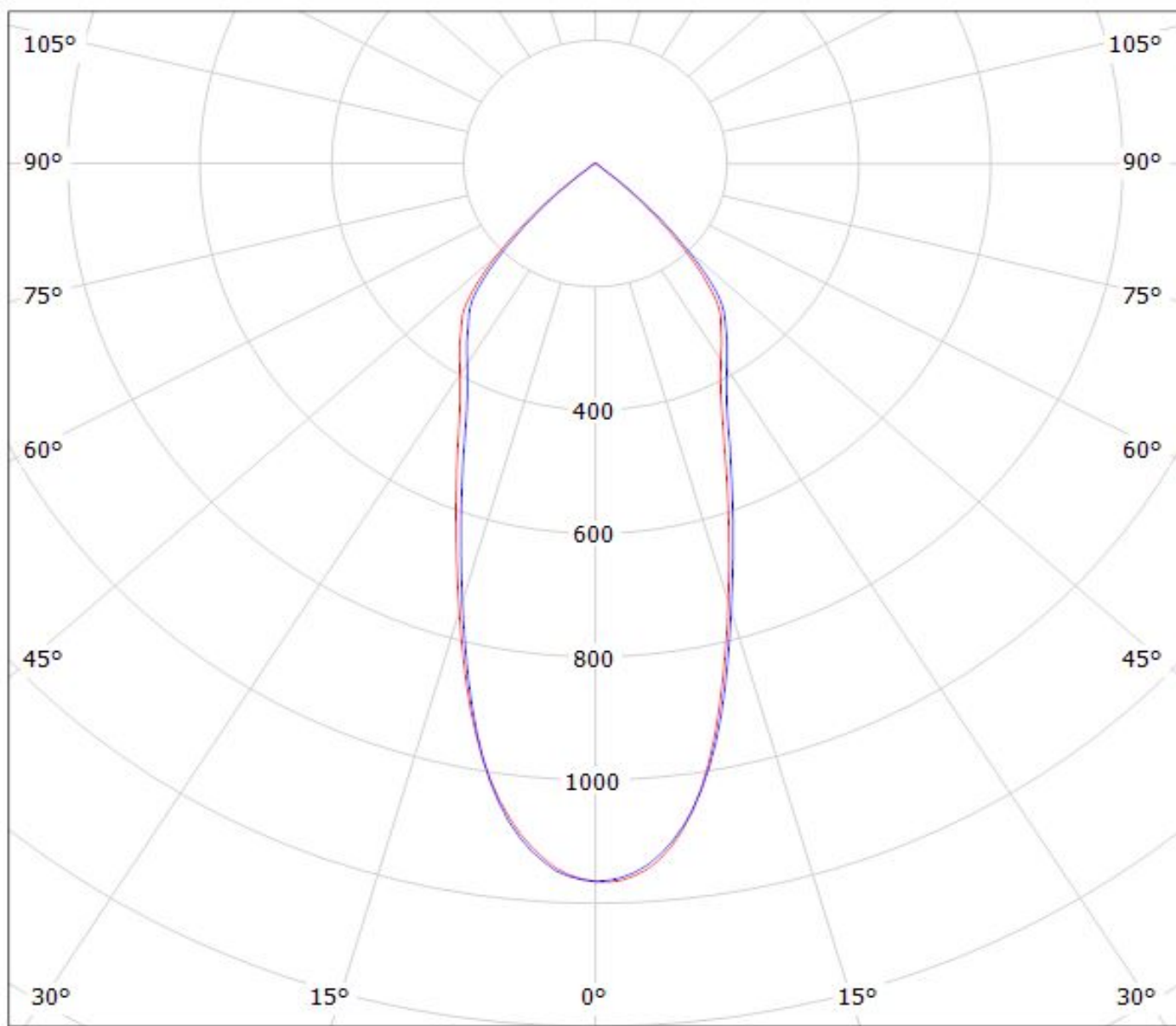
— C0 - C180

— C90 - C270

$\eta = 89\%$

Luminaire: LEDiL Oy F13401_ANGELINA-M_(SLE_G4_LES23)

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



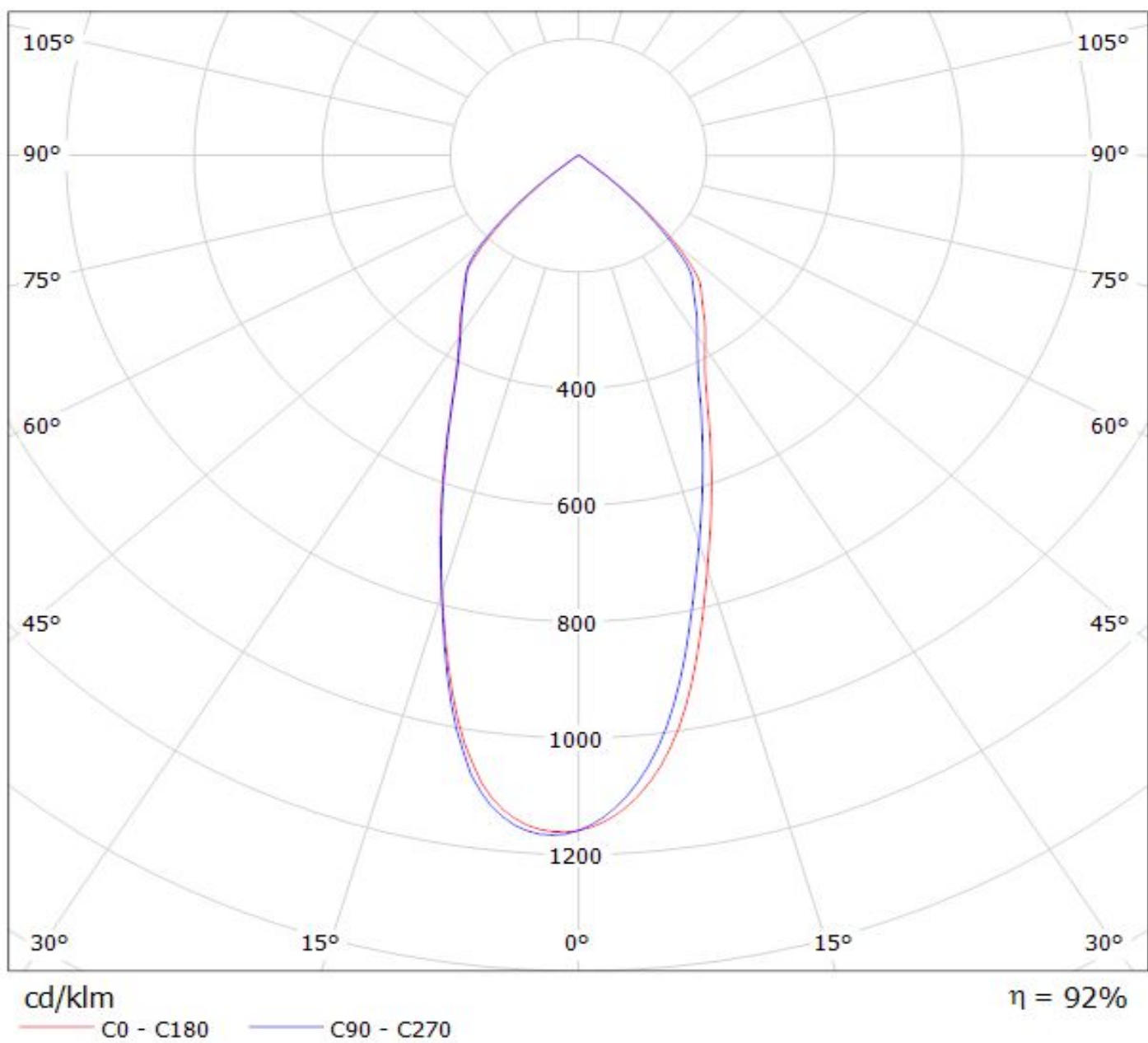
cd/klm

— C0 - C180

— C90 - C270

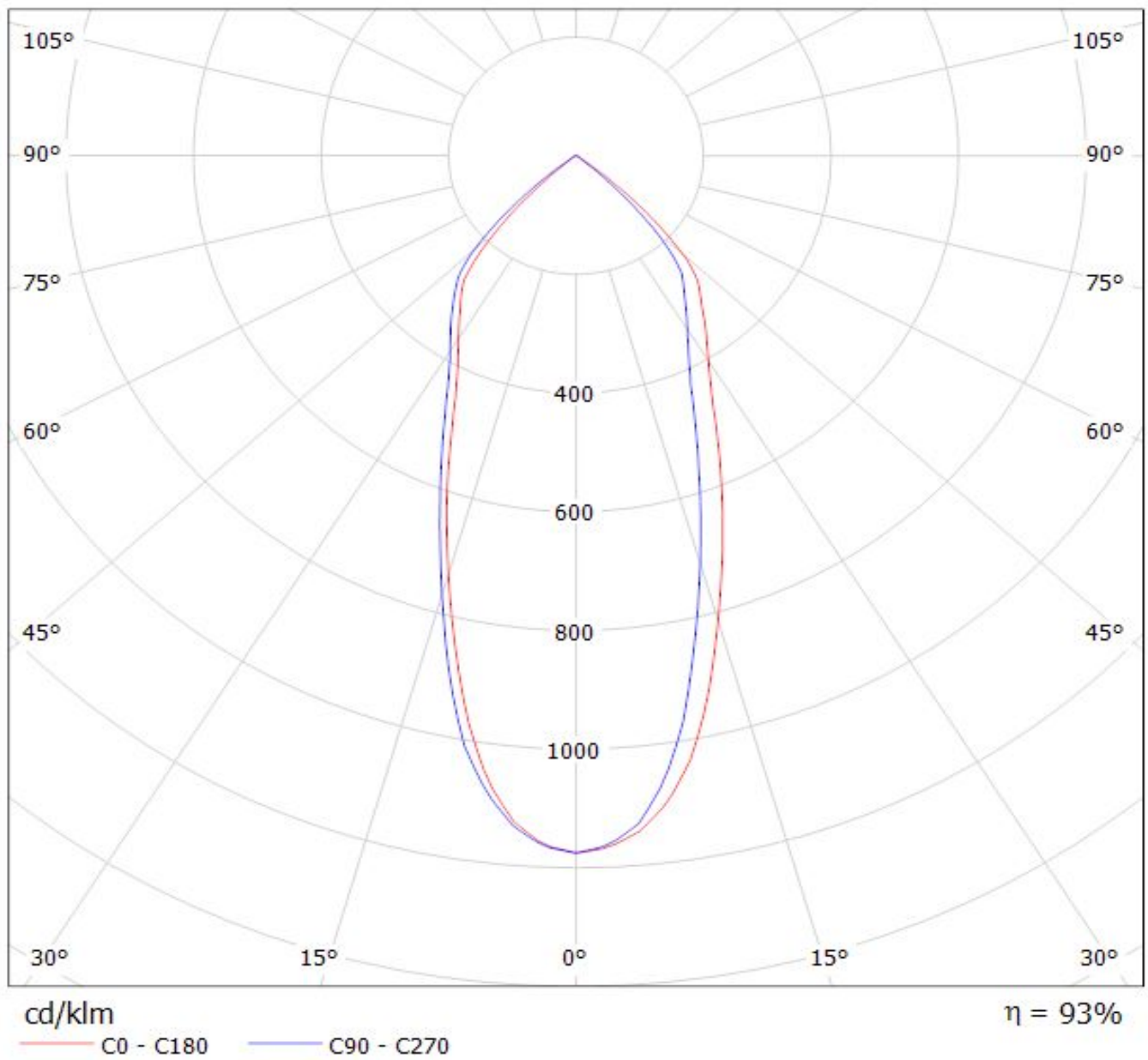
$\eta = 93\%$

Luminaire: LEDiL Oy F13401_ANGELINA-M_(WU-M-486) Eff.92.1%
Lamps: 1 x Vossloh_Schwabe-WU-M-486_(WU-M-486-830)
_1474.55lm@250mA_P=10.4456W_I=249.8mA



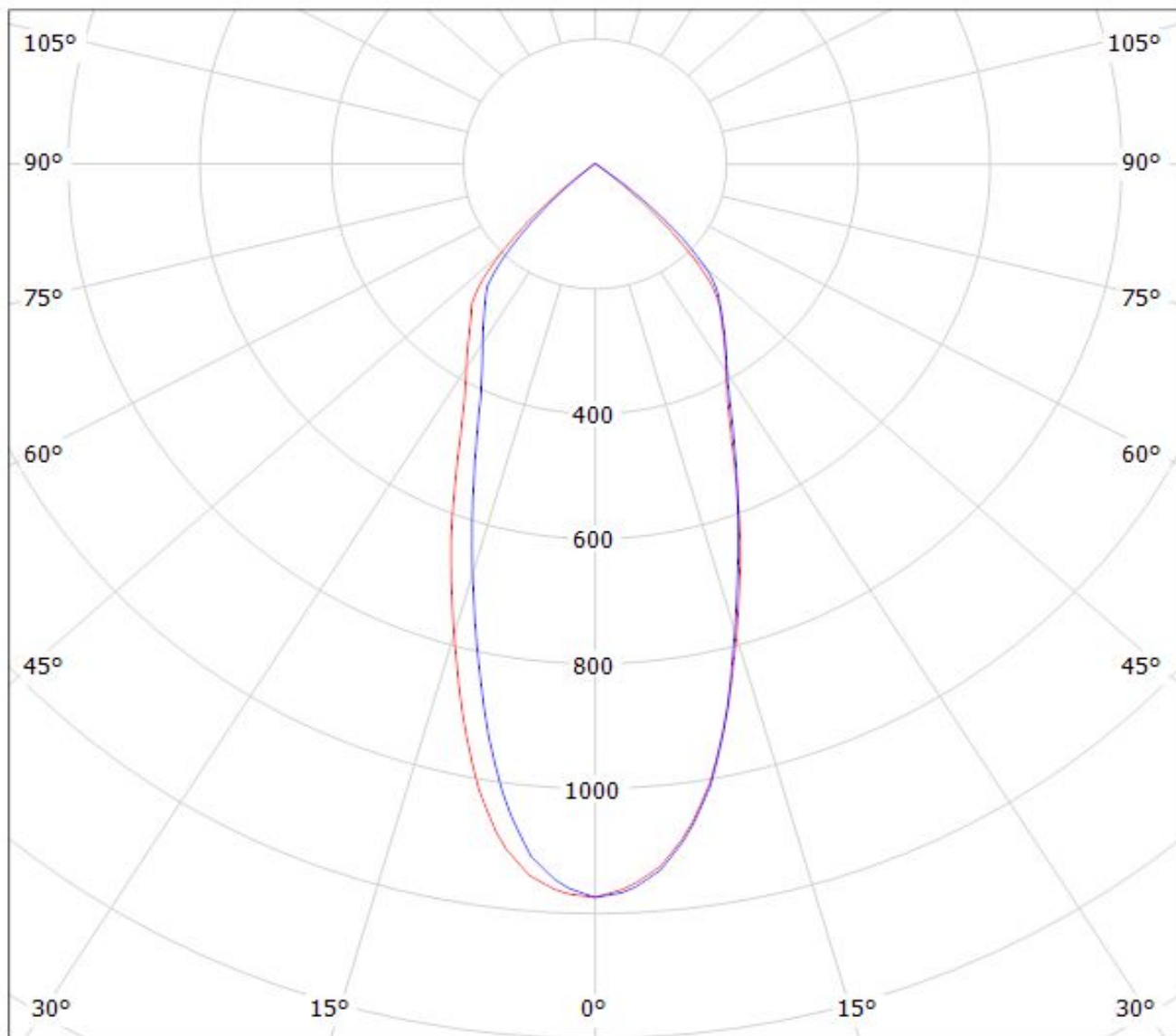
Luminaire: LEDiL Oy F13401_ANGELINA-M_(WU-M-462-827)

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



Luminaire: LEDiL Oy F13401_ANGELINA-M_(WU-M-464-827)

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



cd/klm

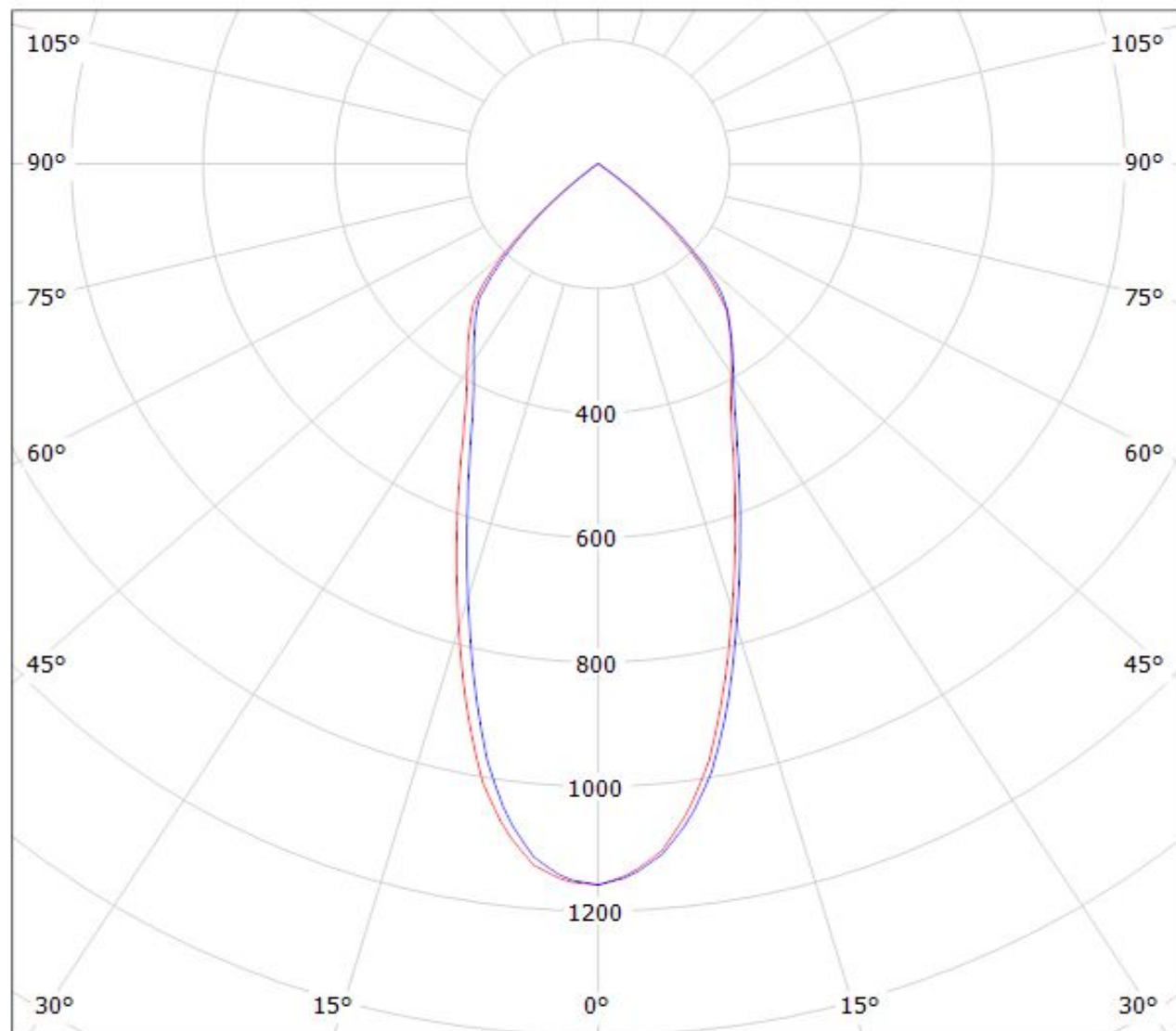
— C0 - C180

— C90 - C270

$\eta = 93\%$

Luminaire: LEDiL Oy F13401_ANGELINA-M_(PrevaLED_LES23) Eff.94%

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



cd/klm

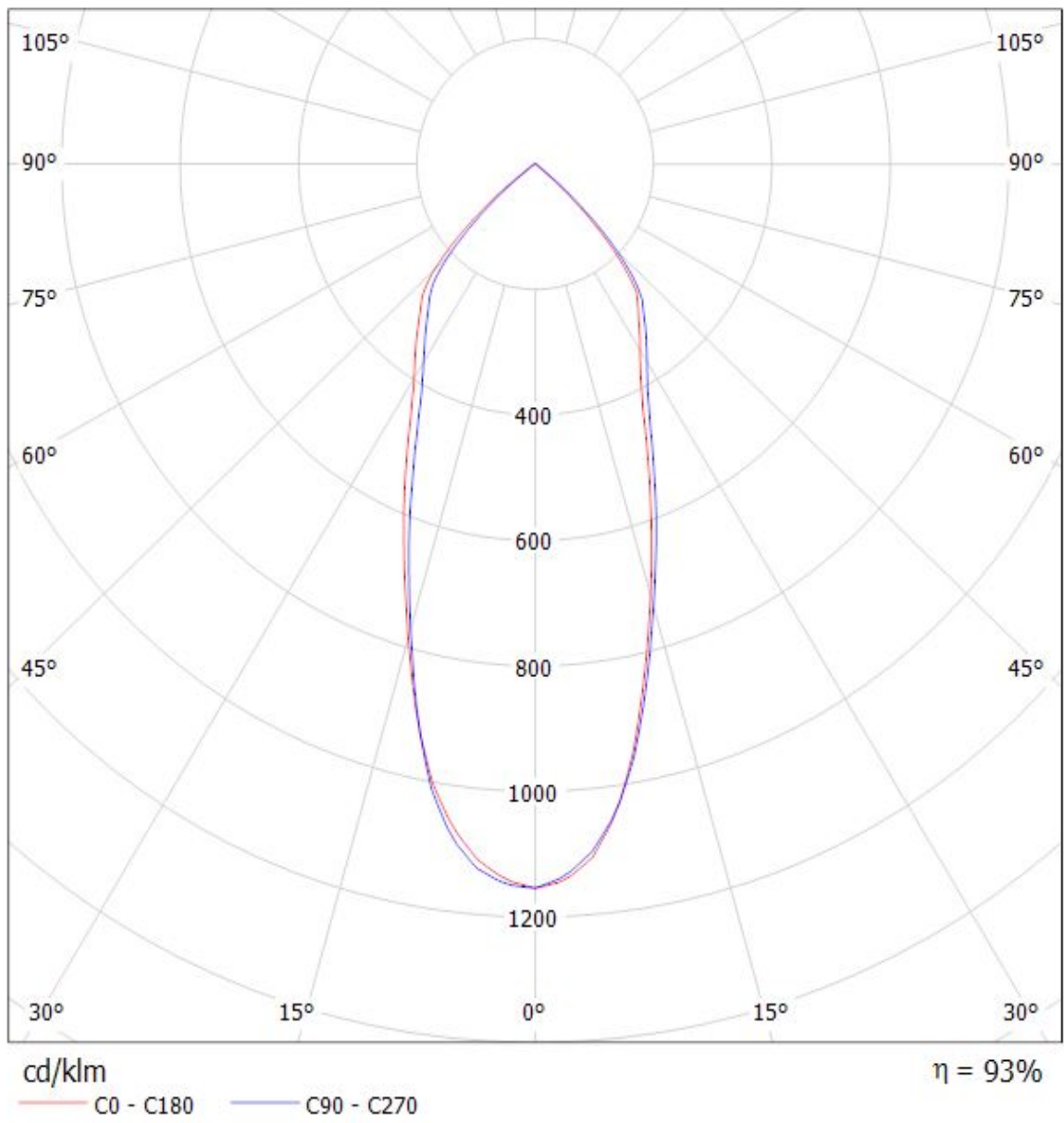
— C0 - C180

— C90 - C270

$\eta = 94\%$

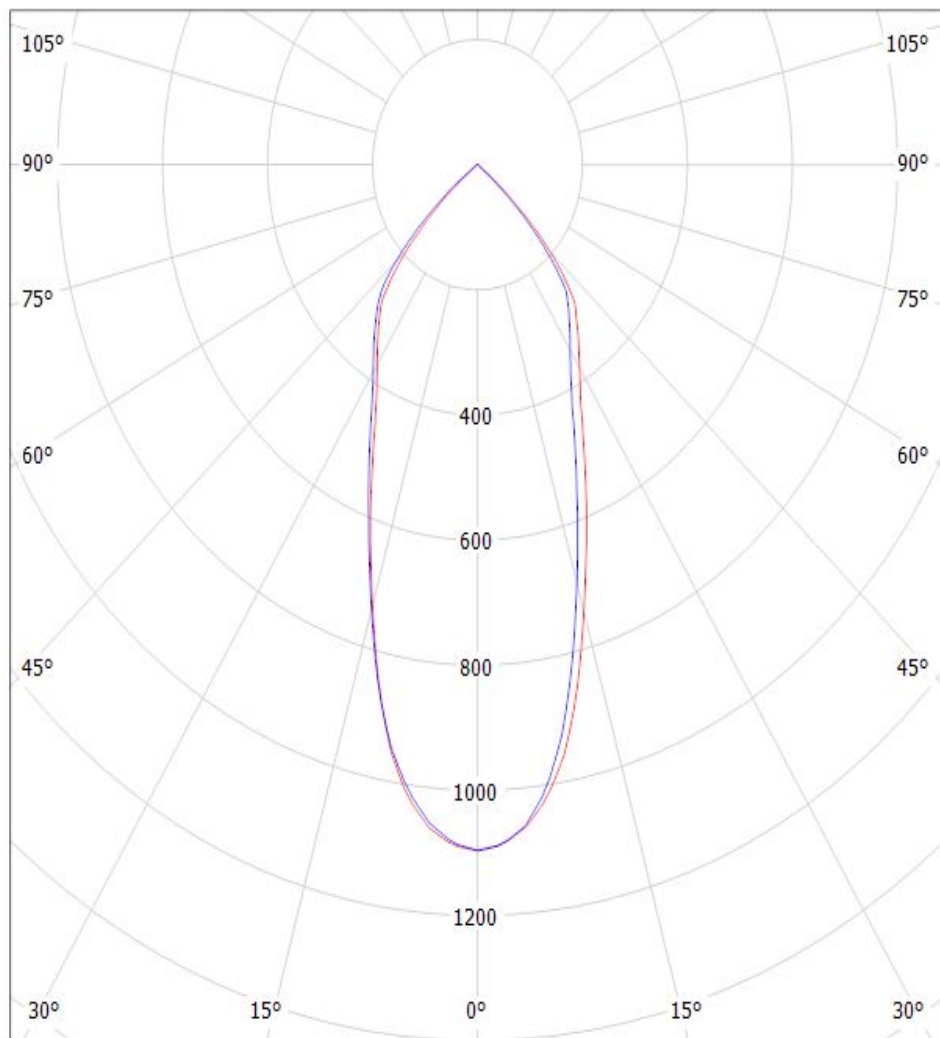
Luminaire: LEDiL Oy F13401_ANGELINA-M_(WU-M-485)

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



Luminaire: LEDiL Oy F13401_ANGELINA-M_(SLE_G3_LES23) Eff.90.0%

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

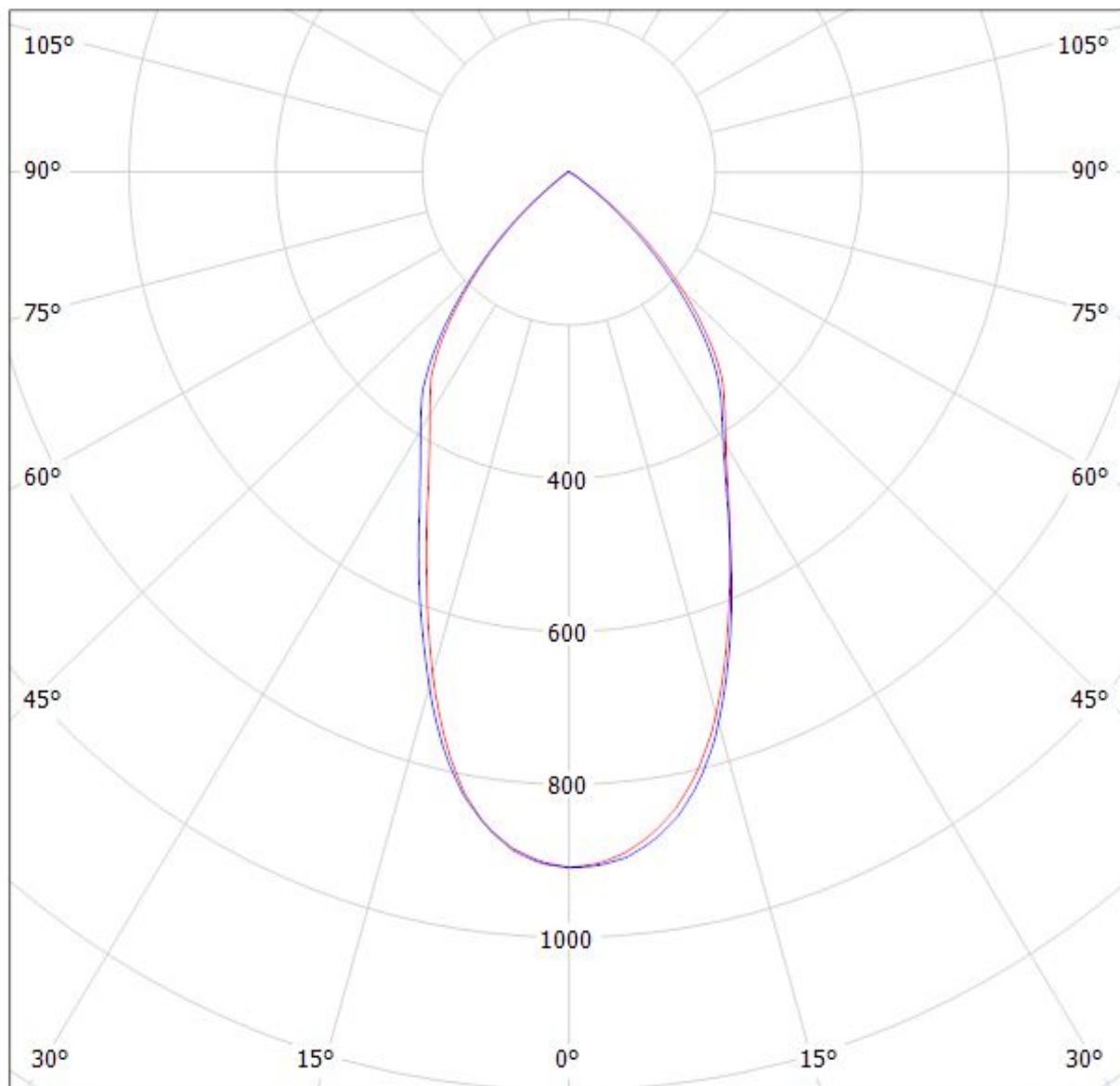
— C0 - C180

— C90 - C270

$\eta = 90\%$

Luminaire: LEDiL Oy F13401_ANGELINA-M_(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

$\eta = 92\%$

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.