

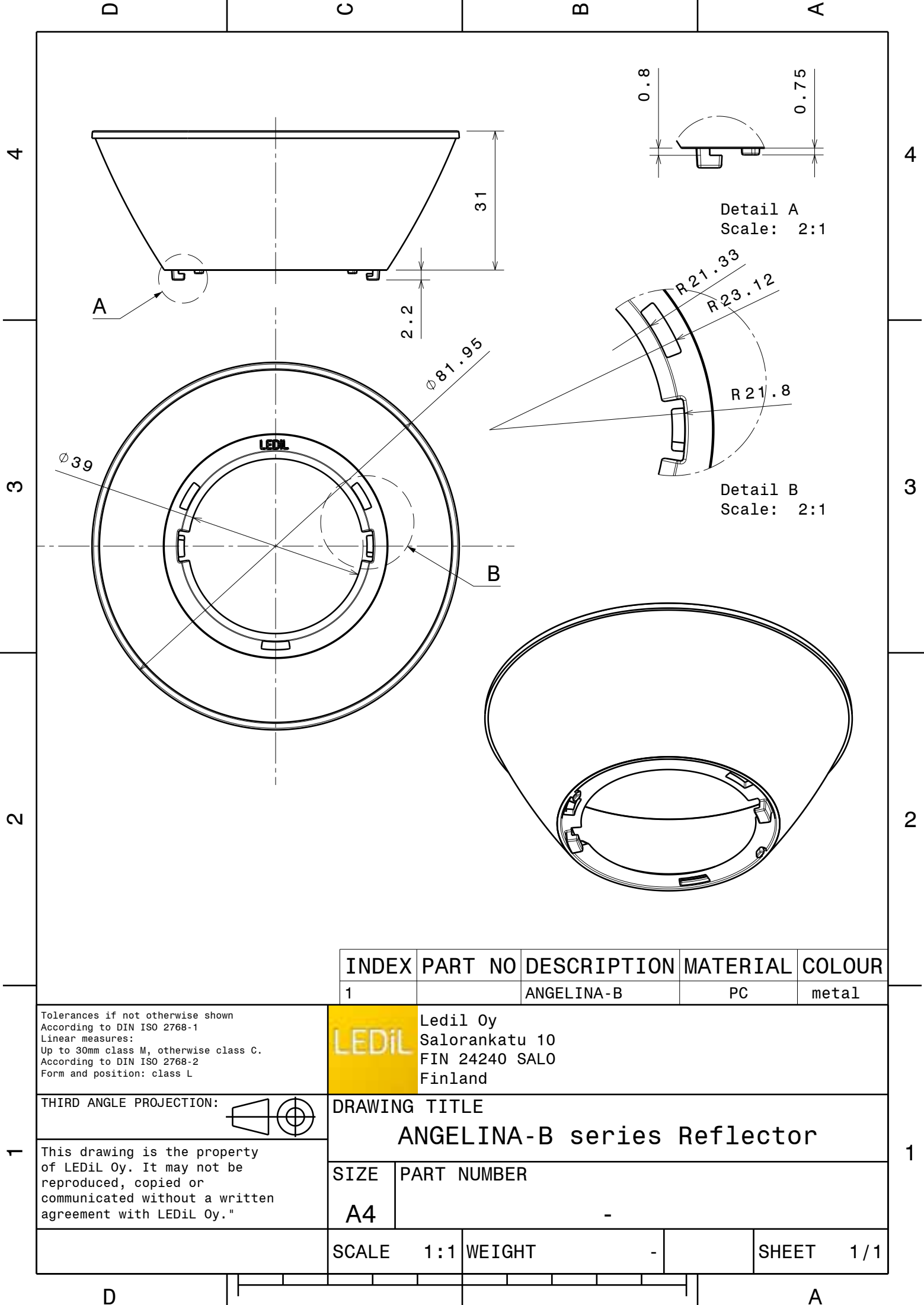
DETAILS

Product Number	F13660_ANGELINA-M-B
Family	ANGELINA
Type	Reflector
Color	metal
Diameter	82 mm
Height	31 mm
Style	round
Optic Material	PC
Holder Material	
Fastening	
Status	production ready
ROHS Compliant	Yes
Date Updated	16/01/2015



OPTICAL PROPERTIES

LED	Viewing	Light	Effi-		
	Angle	Beam	ciency	cd/lm	Connector
CLL04x/CLU04x	sim: 37	Medium	sim: 95 %	sim: 1.600	BJB: 47.319.2030
LUXEON K12	sim: 29	Medium	-	sim: 0.000	BJB: 47.319.2070
CLU730	sim: 37	Medium	sim: 91 %	sim: 1.570	BJB: 47.319.2030
CLU720	35 deg	Medium	94 %	1.300	A.A.G. STUCCHI: 8101/G2
CLL03x/CLU03x	37 deg	Medium	92 %	1.400	BJB: 47.319.2021
Soleriq S13	37 deg	Medium	94 %	1.270	A.A.G. STUCCHI: 8502/G2
COB 10W/13W/17W/24W	37 deg	Medium	94 %	1.280	A.A.G. STUCCHI: 8600/G2
SLE G4 LES19 H	37 deg	Medium	92 %	1.300	-
Soleriq S13 Gen2	37 deg	Medium	93 %	0.920	BJB: 47.319.2021
SLE G5 LES19 H	37 deg	Medium	91 %	1.270	-
COB 10W/13W/17W/24W	38 deg	Medium	93 %	1.300	BJB: 47.319.2080
BXRA ES Rectangle	38 deg	Medium	92 %	1.320	BJB: 47.319.2040
LUXEON CoB 1204/1205	38 deg	Medium	94 %	1.260	A.A.G. STUCCHI: 8301/G2
SLE G5 LES15	38 deg	Medium	94 %	1.260	BJB: 47.319.2021
LUXEON CoB 1208	39 deg	Medium	94 %	1.230	A.A.G. STUCCHI: 8301/G2
CLL03x/CLU03x	39 deg	Medium	94 %	1.220	A.A.G. STUCCHI: 8101/G2
CLL04x/CLU04x	39 deg	Medium	94 %	1.200	A.A.G. STUCCHI: 8102/G2
ZC12/18	39 deg	Medium	93 %	1.230	A.A.G. STUCCHI: 8101/G2
Soleriq P13	39 deg	Medium	94 %	1.230	A.A.G. STUCCHI: 8502/G2
CXM-14	40 deg	Medium	94 %	1.300	BJB: 47.319.2021
Mega Zenigata (GW6DME)	40 deg	Medium	94 %	1.210	A.A.G. STUCCHI: 8301/G2
Soleriq S19	41 deg	Medium	94 %	1.170	BJB: 47.319.2170
Soleriq S19	41 deg	Medium	93 %	1.200	A.A.G. STUCCHI: 8503/G2
STARK SLE PURE G3 LES17	41 deg	Medium	94 %	1.170	A.A.G. STUCCHI: 8101/G2
V15	41 deg	Medium	93 %	1.200	BJB: 47.319.2224



INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1		ANGELINA-B	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-B series Reflector

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of LEDiL Oy. It may not be
reproduced, copied or
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agreement with LEDiL Oy."

SIZE

A4

PART NUMBER

-

SCALE

1:1

WEIGHT

-

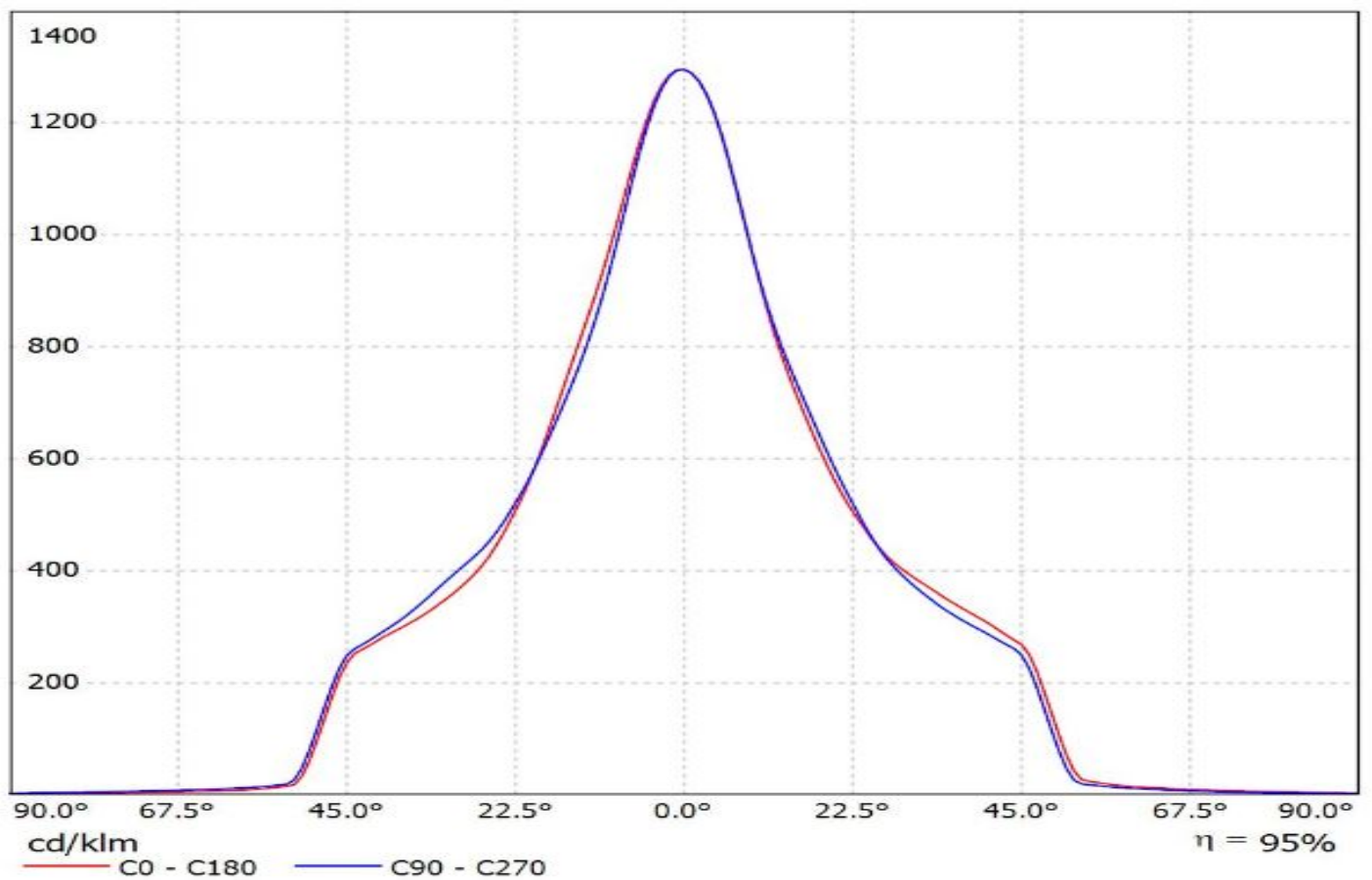
SHEET

1/1

D

A

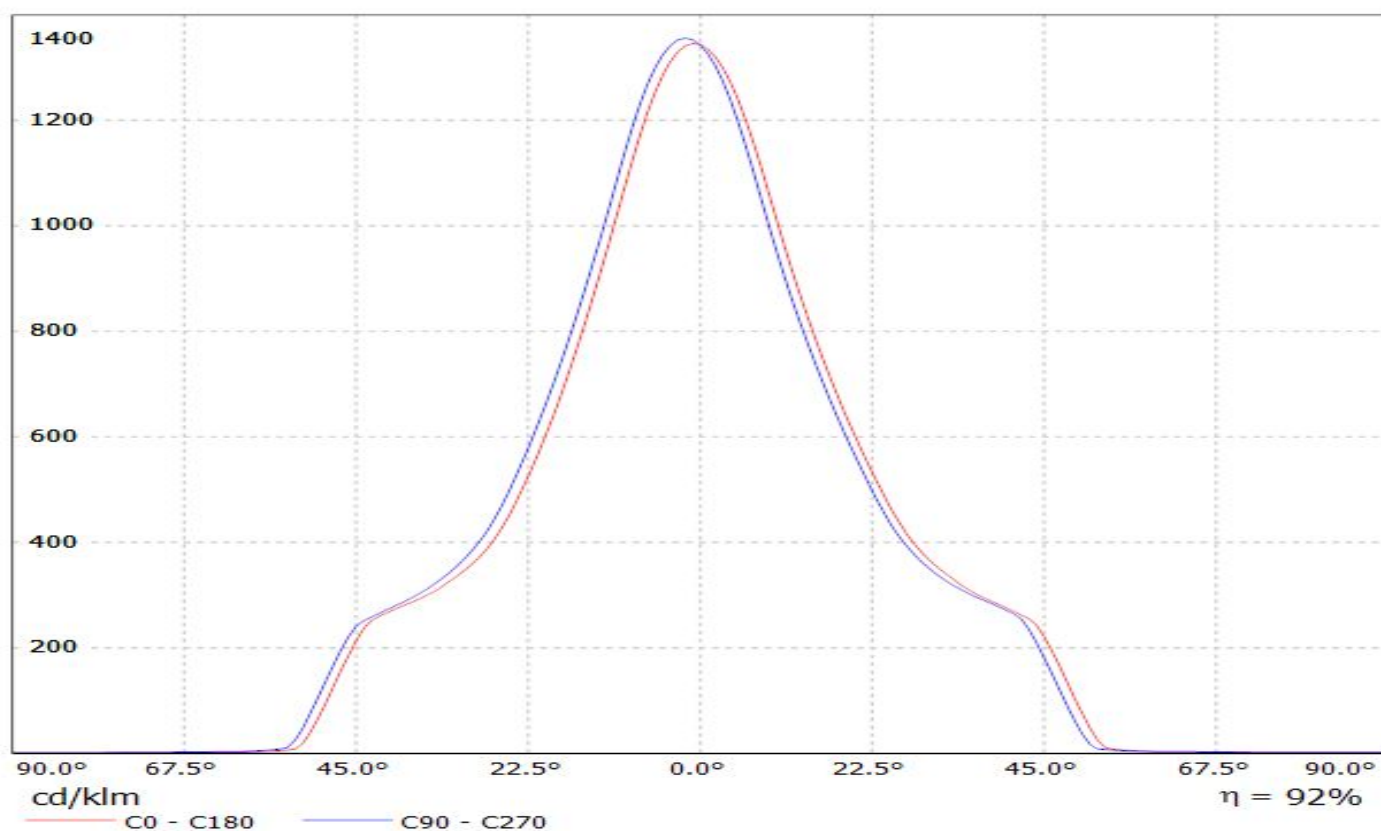
Luminaire: Ledil F13660_ANGELINA-M-B_(CITIZEN_CLU720)
Lamps: 1 x CITIZEN_CLU720_(CLU720-1206B8-273M2)
_1320.42lm@250mA_CCT=2700K_P=8.35W_I=0.25A



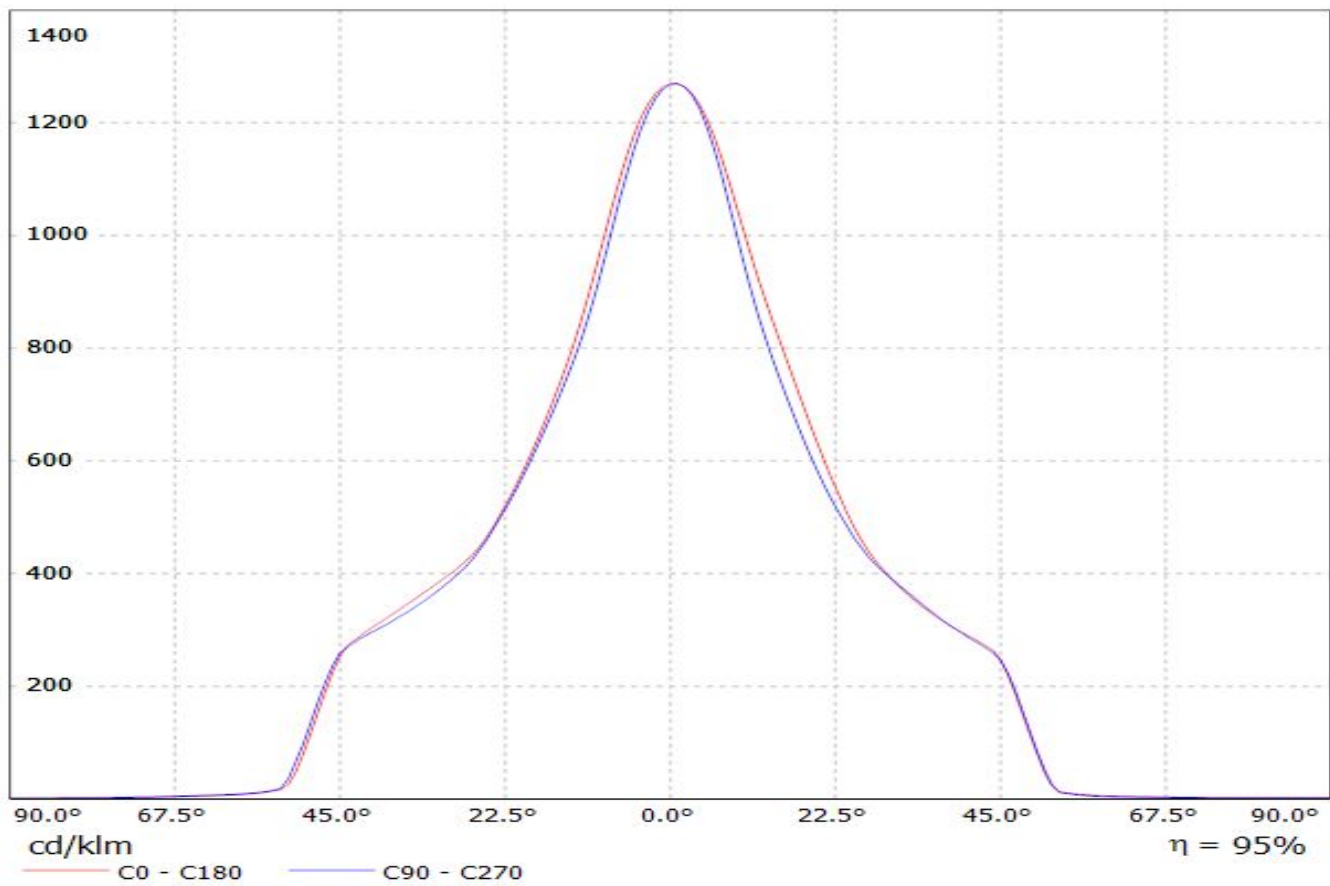
LEDiL Oy C13660_ANGELINA-M-B_(CLL030) Eff.91.7% / LDC (Linear)

Luminaire: LEDiL Oy C13660_ANGELINA-M-B_(CLL030) Eff.91.7%

Lamps: 1 x CITIZEN_CLL030_(CLL030-1205A5-303H1A7) 797.292lm@250mA CCT=3000K P=8.65307W
I=249.8mA

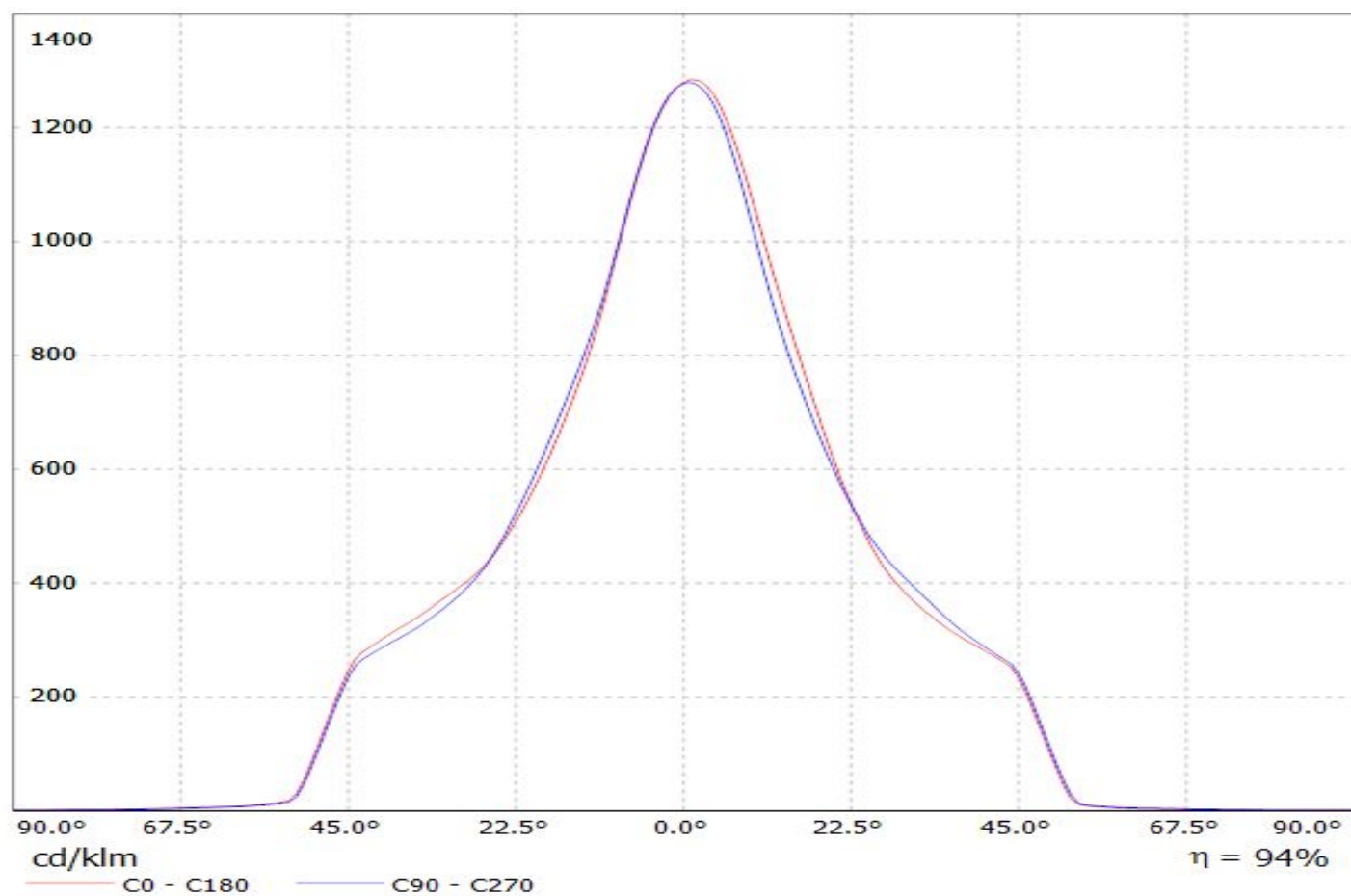


Luminaire: LEDiL Oy F13660_ANGELINA-M-B_(Soleriq_S13) Eff.94.0%
Lamps: 1 x Osram_Soleriq_S13_825.418lm@250mA_CCT=3125K_P=7.33663W_I=249.8mA

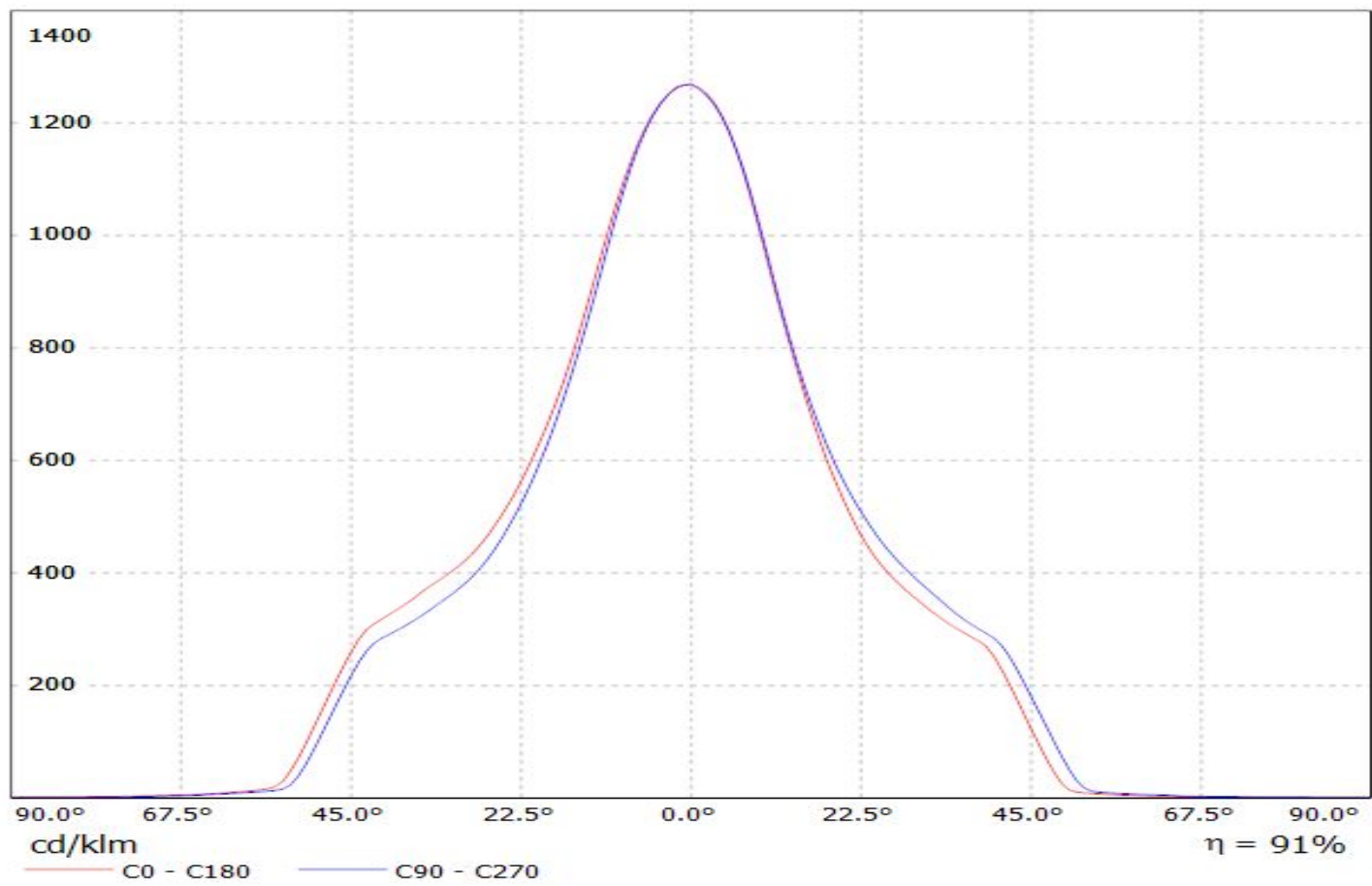


Luminaire: LEDiL Oy F13660_ANGELINA-M-B_(LG_COB_10W)

Lamps: 1 x LG_COB_10W_(LEMWM18580LG00)_917.757lm@250mA_P=9.31304W_I=249.8mA



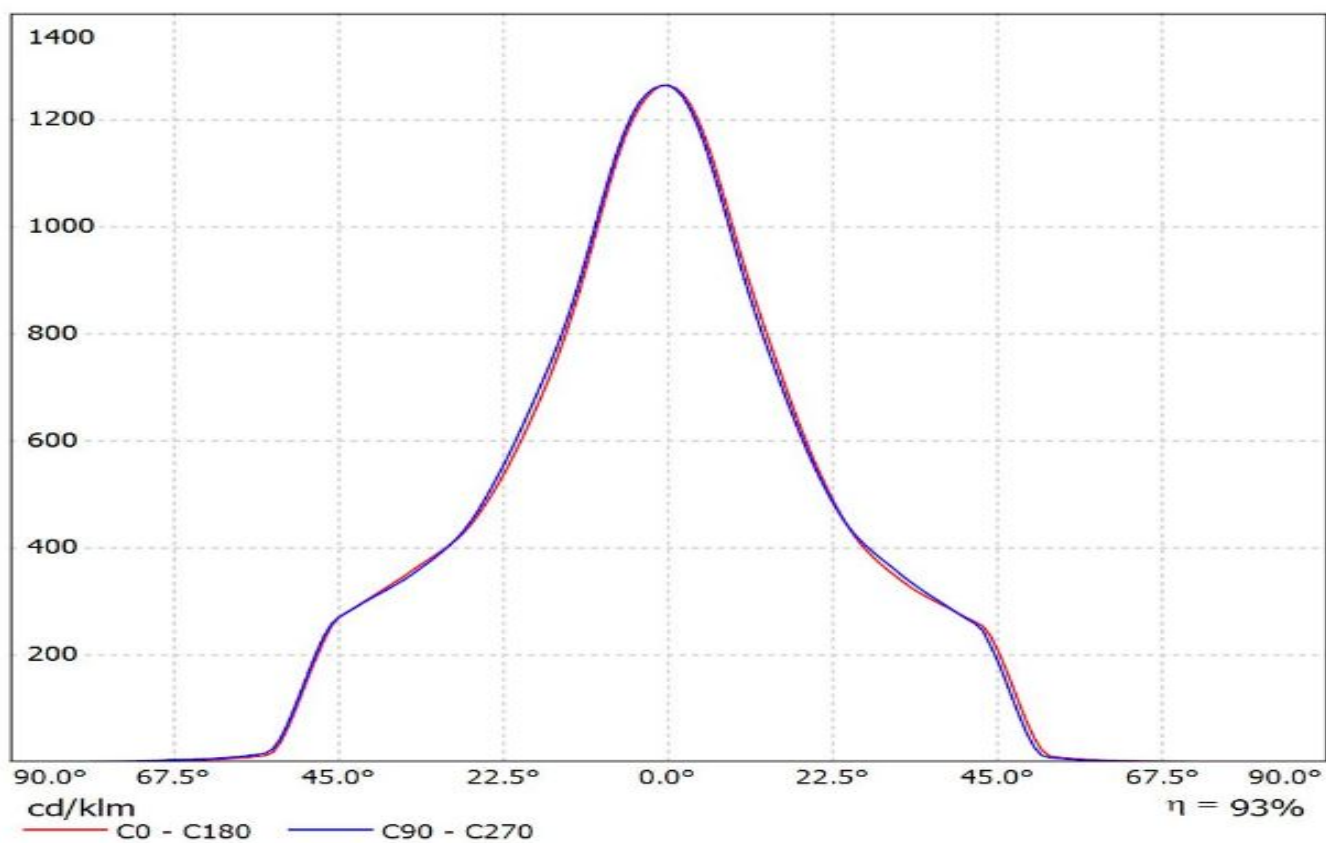
Luminaire: LEDiL Oy F13660_ANGELINA-M-B_(SLE GEN4 LES19)
Lamps: 1 x SLE GEN4 LES19_1226.28lm@250mA_P=8.21367W_I=0.2498A



Ledil F13660_ANGELINA-M-B_(Soleriq_S13_G2) / LDC (Linear)

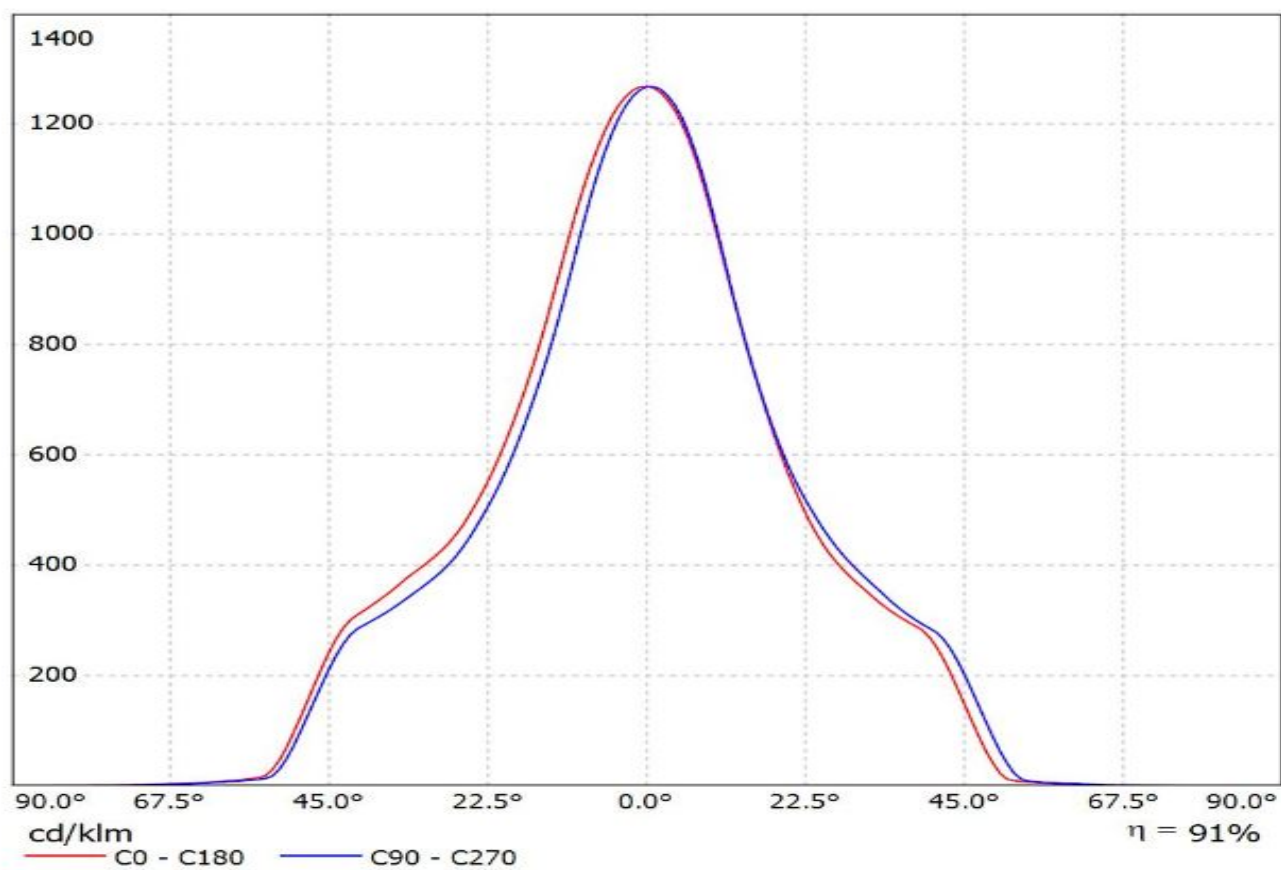
Luminaire: Ledil F13660_ANGELINA-M-B_(Soleriq_S13_G2)

Lamps: 1 x Osram_Soleriq_S13_G2_(GW_KAGHB2.EM)1353.18lm@250m_P=8.46W_I=0.25A



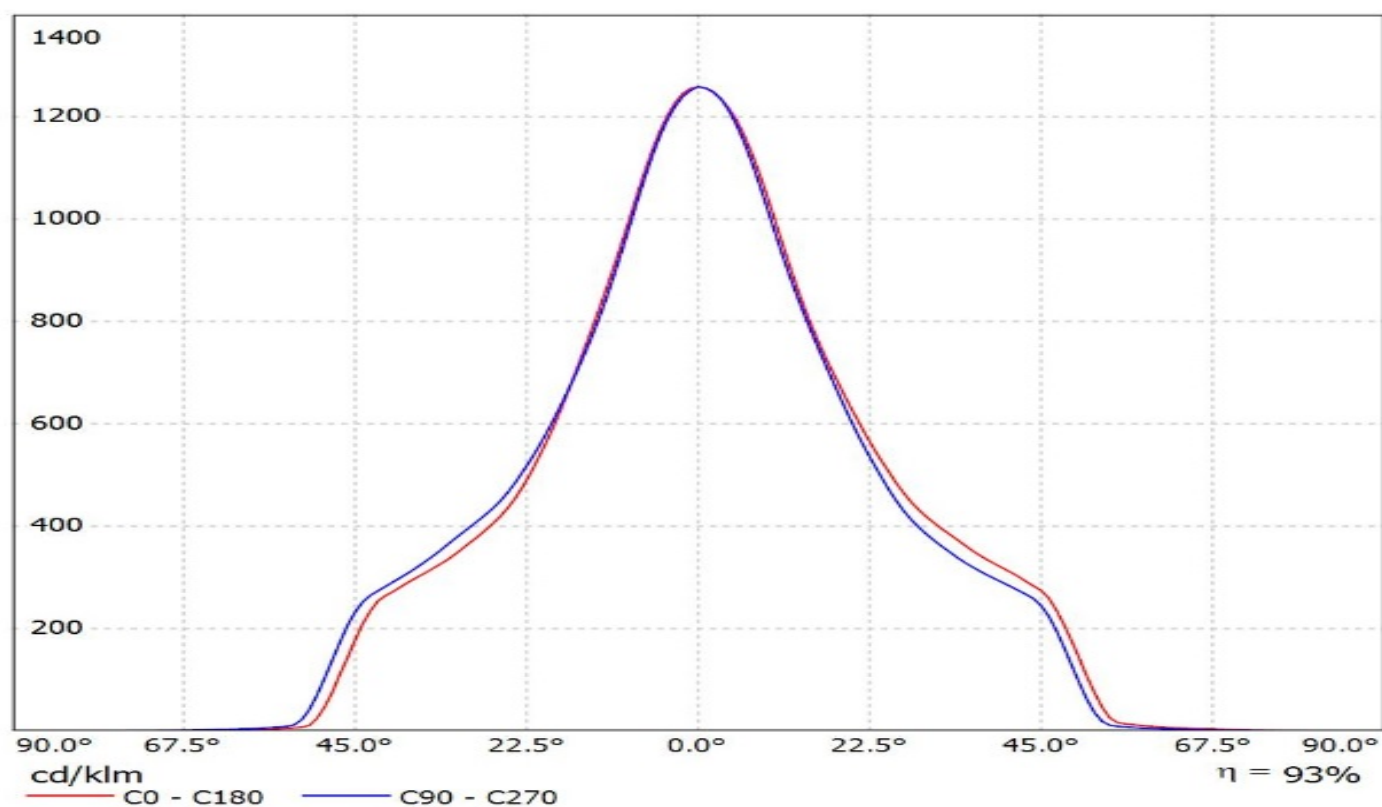
Luminaire: LEDiL Oy F13660_ANGELINA-M-B_(SLE-G5_LES-19)

Lamps: 1 x Tridonic_SLE-G5_LES-19_1334.47lm@250mA_P=8.2224W_I=0.250A

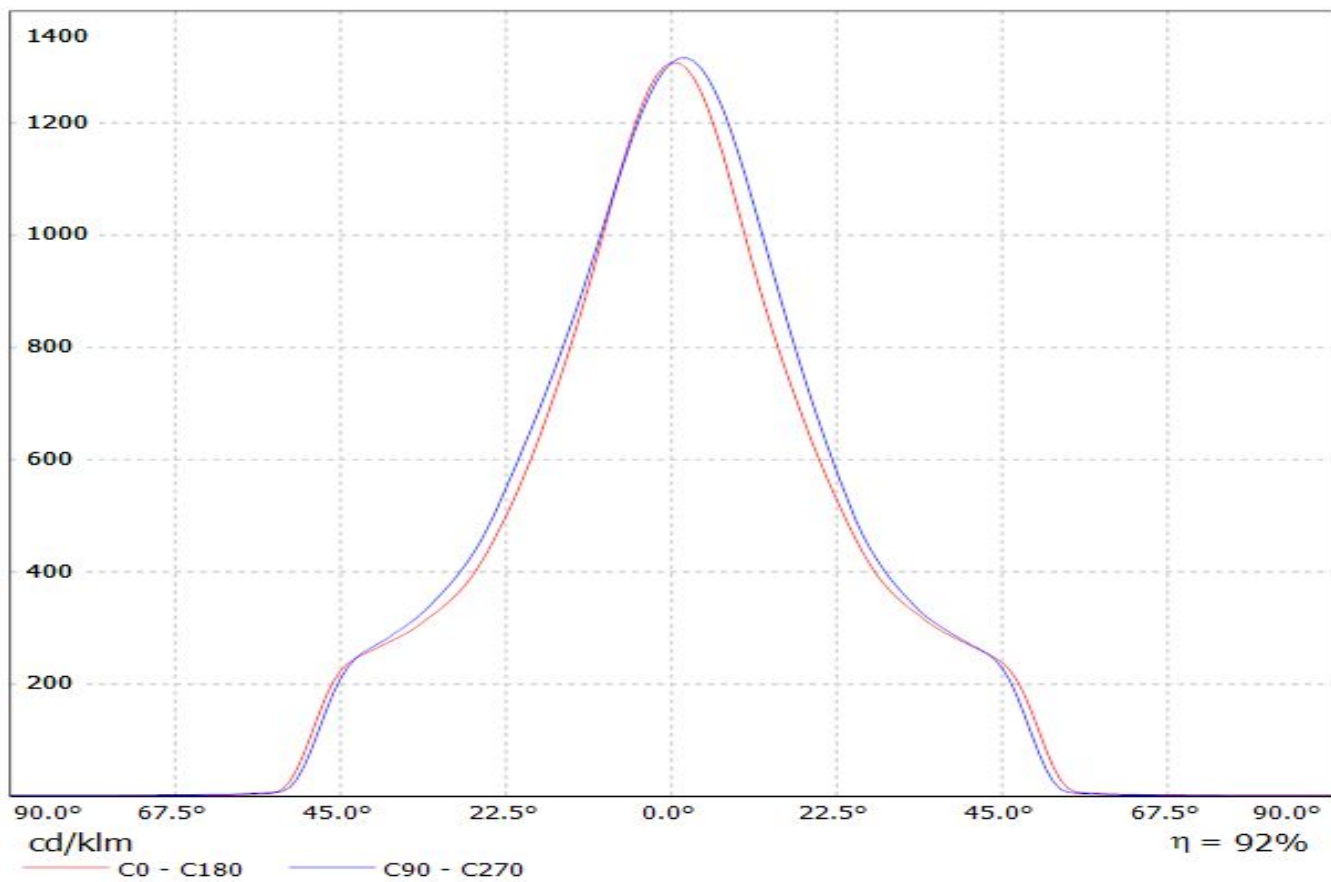


**Ledil F13660_ANGELINA-M-B_(COB_10W)_(BJB_47_319_2080) / LDC
(Linear)**

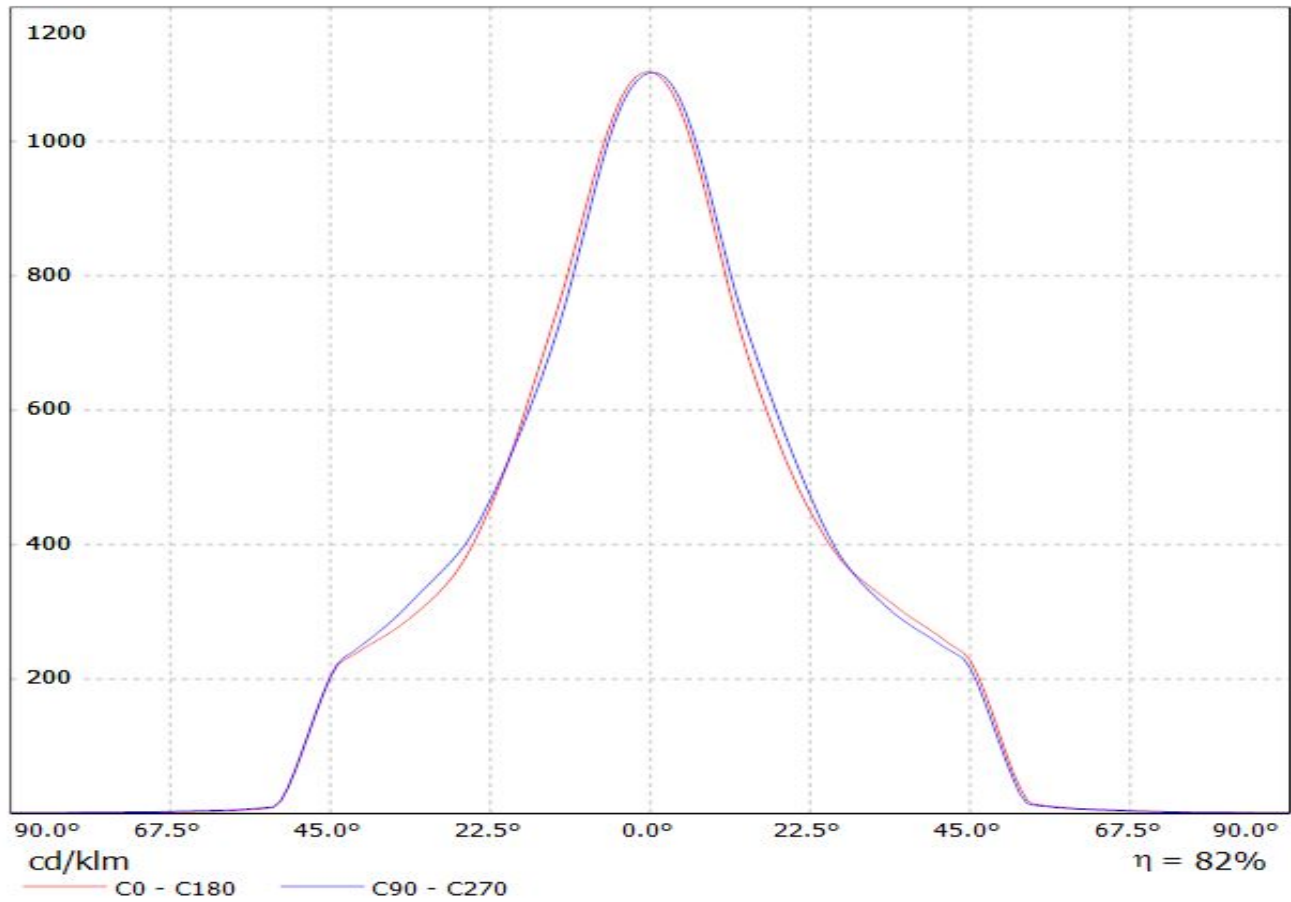
Luminaire: Ledil F13660_ANGELINA-M-B_(COB_10W)_(BJB_47_319_2080)
Lamps: 1 x LG_COB_10W_(LEMWM18580LG00)_(BJB_47_319_2080)
_947.453lm@250mA_P=9.342W_I=0.250A



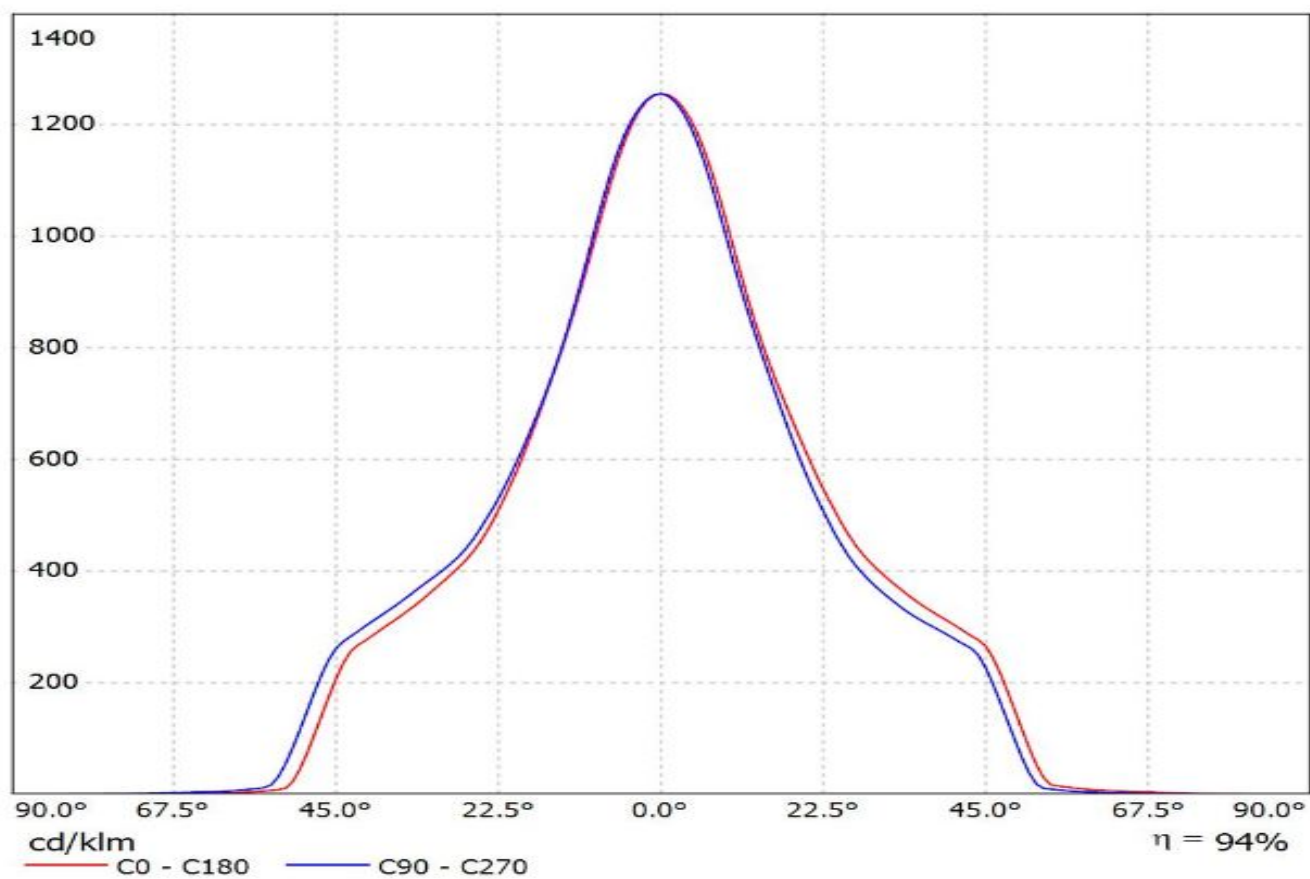
Luminaire: LEDiL Oy C13660 ANGELINA-M-B (BXRA_ES) Eff. 92%
Lamps: 1 x Bridgelux BXRA_ES_(QQ40_BXRA-W1202_1019A-2010) 268lm@250mA_P=3.36W_I=250mA



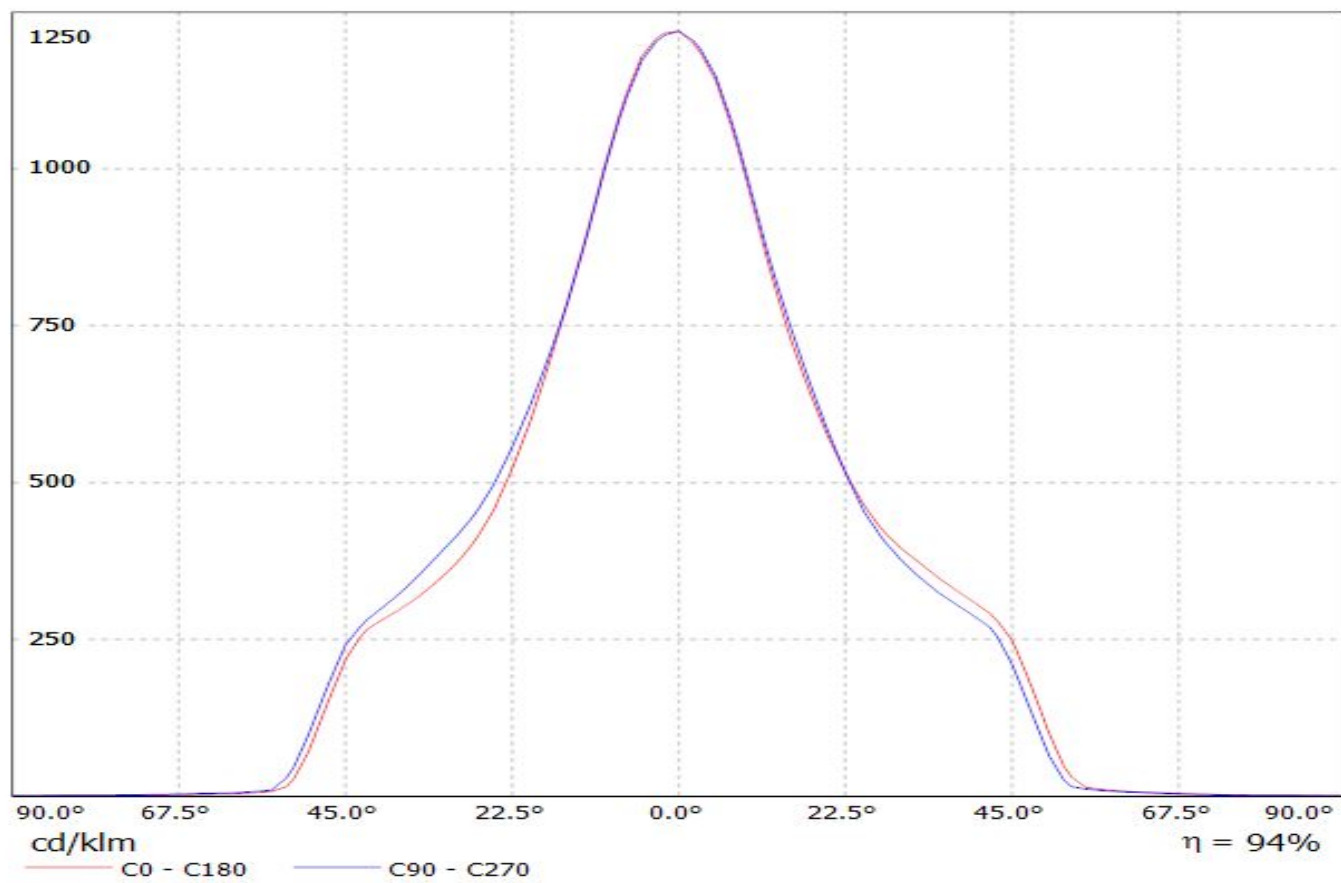
Luminaire: LEDiL Oy F13660_ANGELINA-M-B_(Luxeon_CoB_1205)
Lamps: 1 x LUXEON_COB_1205_(LHC1-3080-1205)_1274.35lm@250mA_CCT=3000K_P=11.183W_I=249.8mA



Luminaire: LEDiL Oy F13660_ANGELINA-M-B_(SLE-G5_LES-15)
Lamps: 1 x Tridonic_SLE-G5_LES-15_1272.36lm@250mA_P=8.6660W_I=0.250A

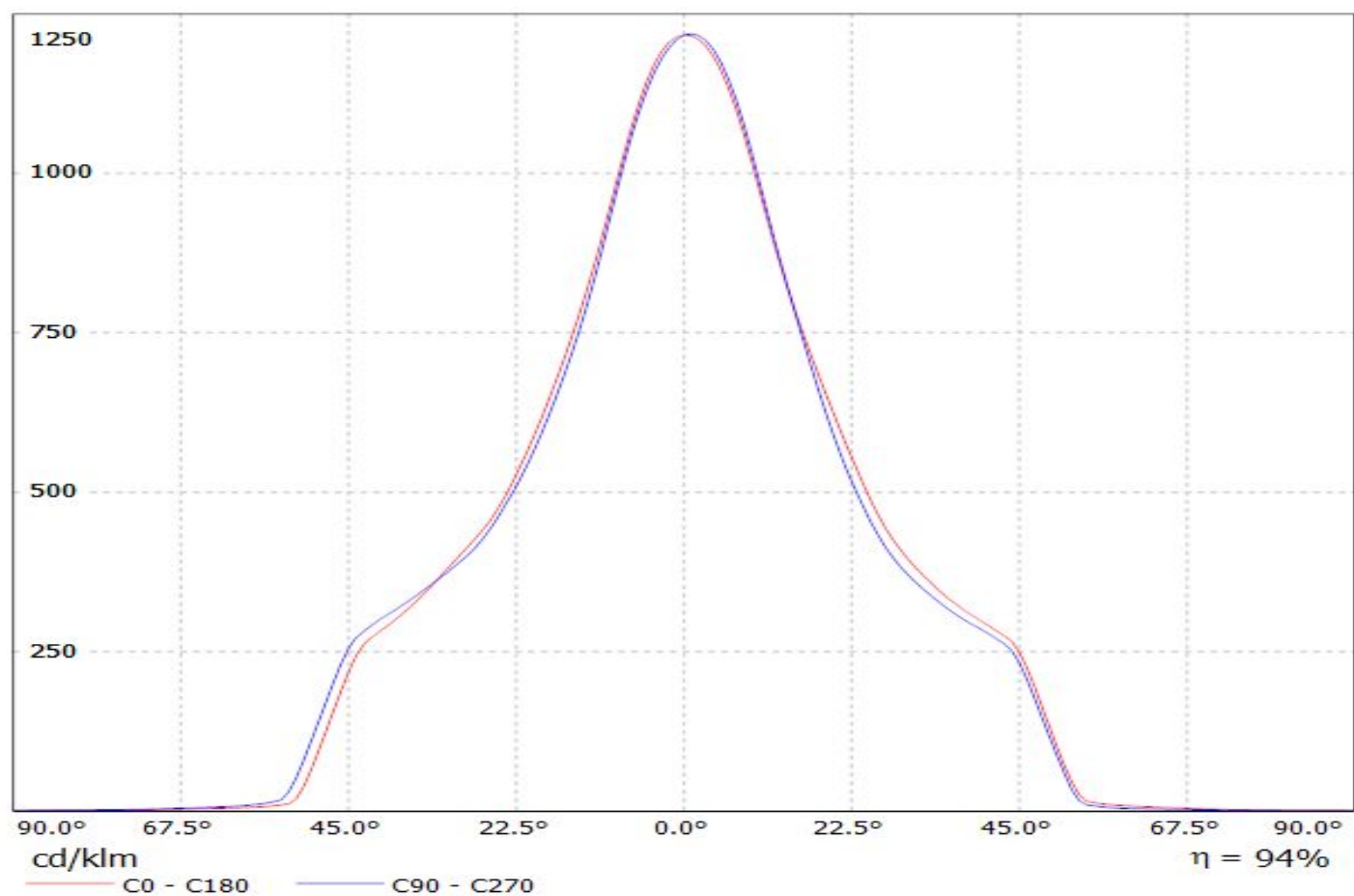


Luminaire: LEDiL Oy F13660_ANGELINA-M-B_(Luxeon_CoB_1208)
Lamps: 1 x Luxeon_CoB_1208_1057.71lm@250mA_P=8.26438W_I=249.8mA



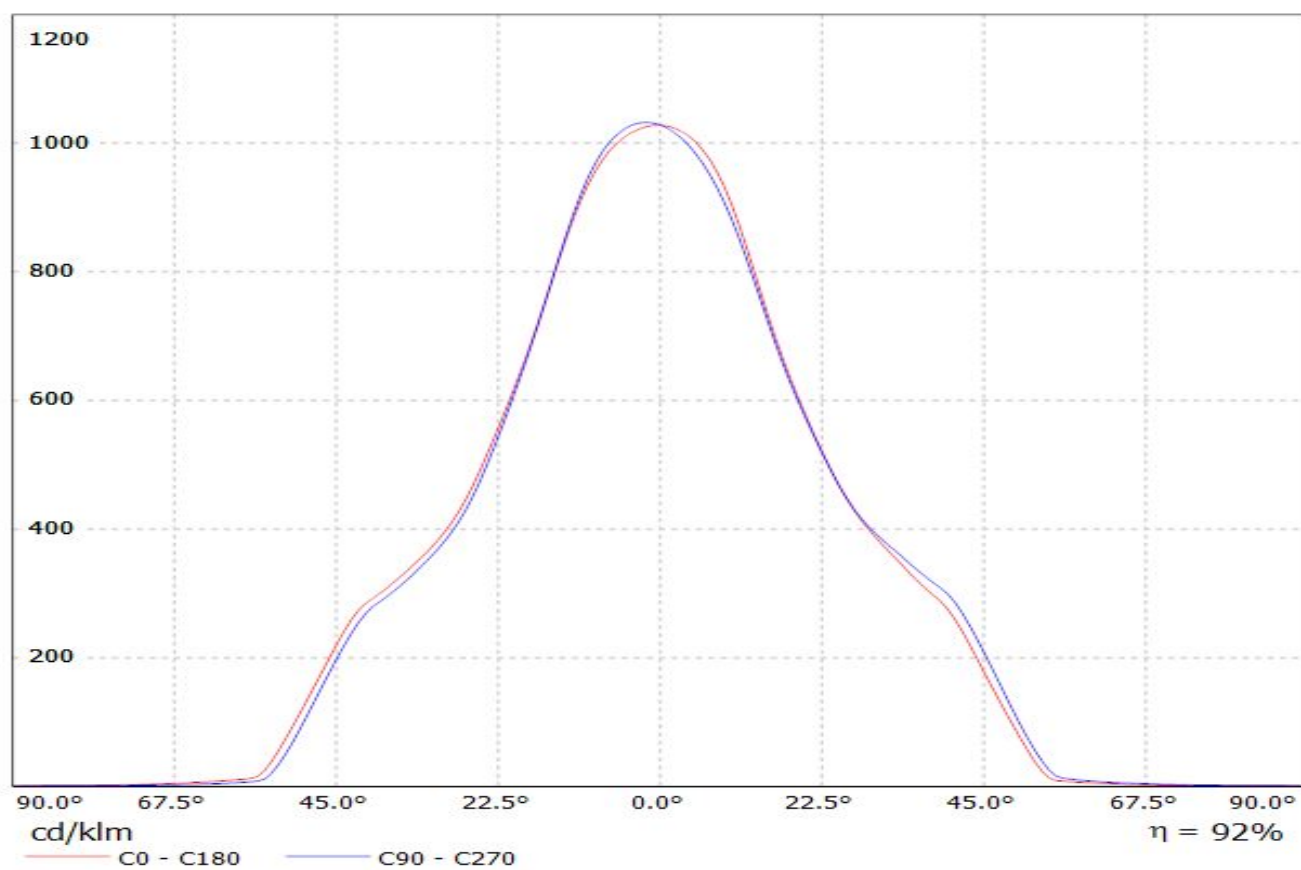
Luminaire: LEDiL Oy F13660_ANGELINA-M-B_(CLU034)

Lamps: 1 x Citizen_CLU034_(CLU034-1205B8-303M1A2)_1159.11lm@250mA_P=8.46586W_I=249.9mA



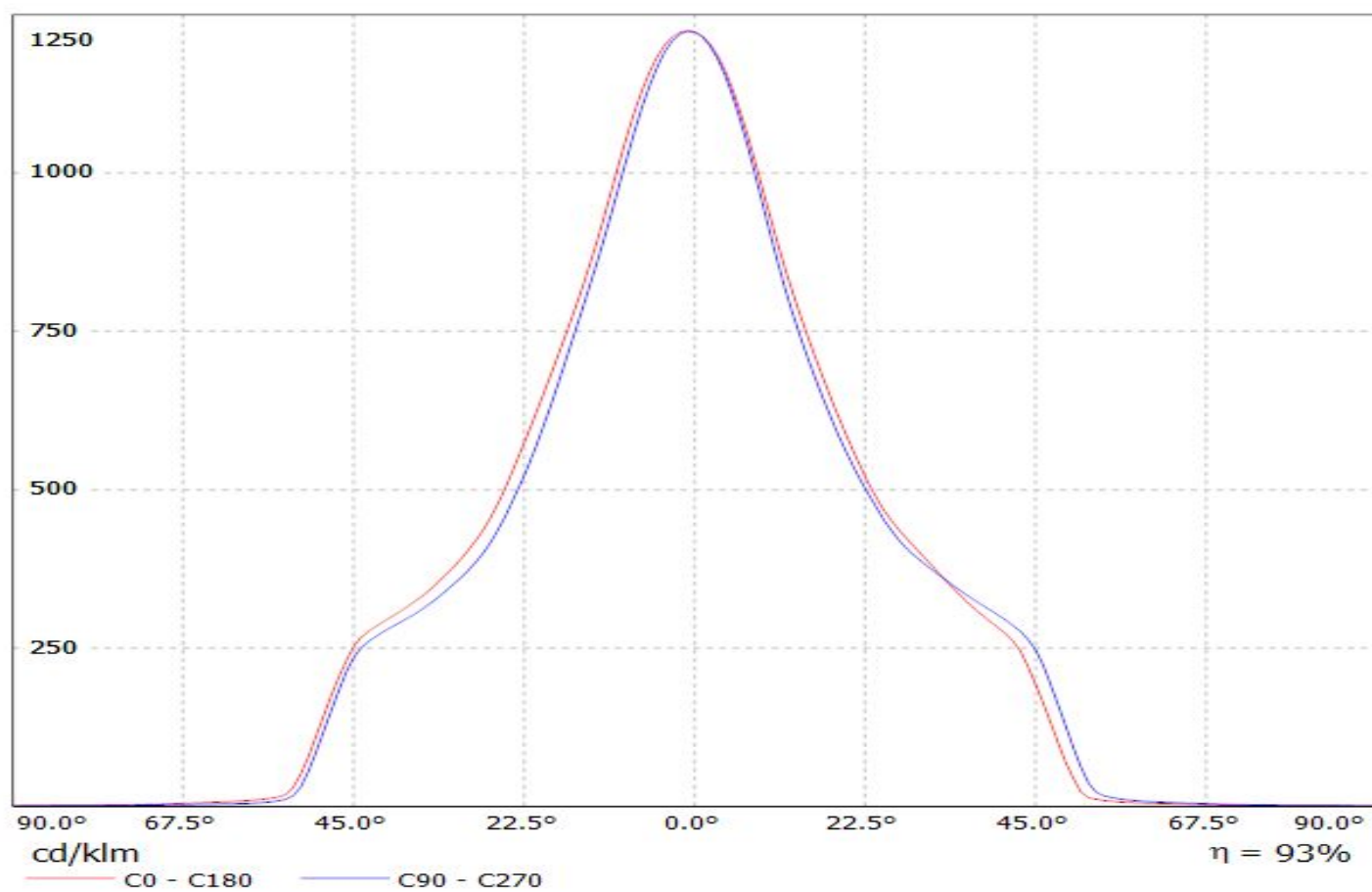
Luminaire: LEDiL Oy F13660_ANGELINA-M-B_(CLU044)

Lamps: 1 x Citizen_CLU044_(CLU044-1212B8-303M1A2)_1300.9lm@250mA_P=8.14849W_I=249.9mA



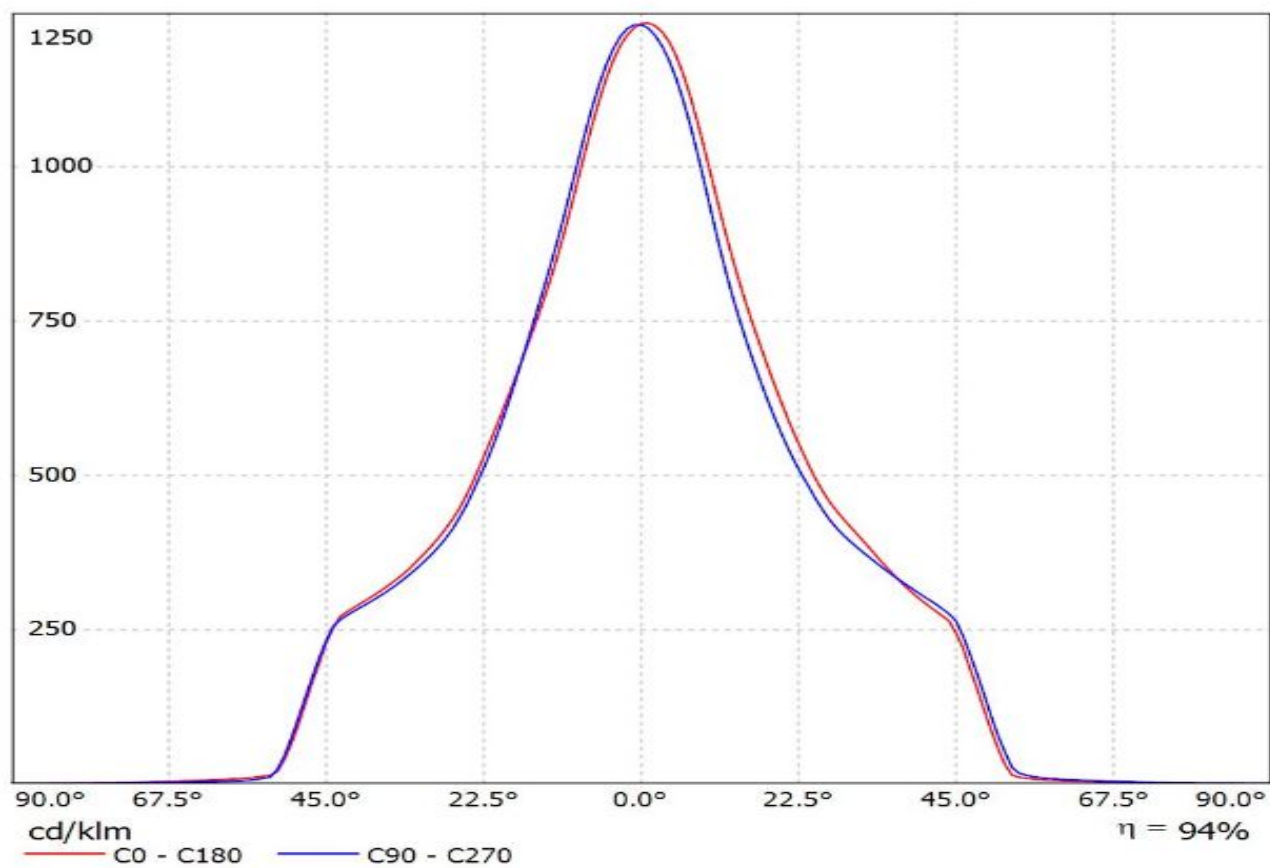
Luminaire: LEDiL Oy F13660_ANGELINA-M-B_(ZC12)

Lamps: 1 x SEOUL_ZC12_(SDW82F1C)_1240.73lm@250mA_P=8.68405W_I=249.8mA



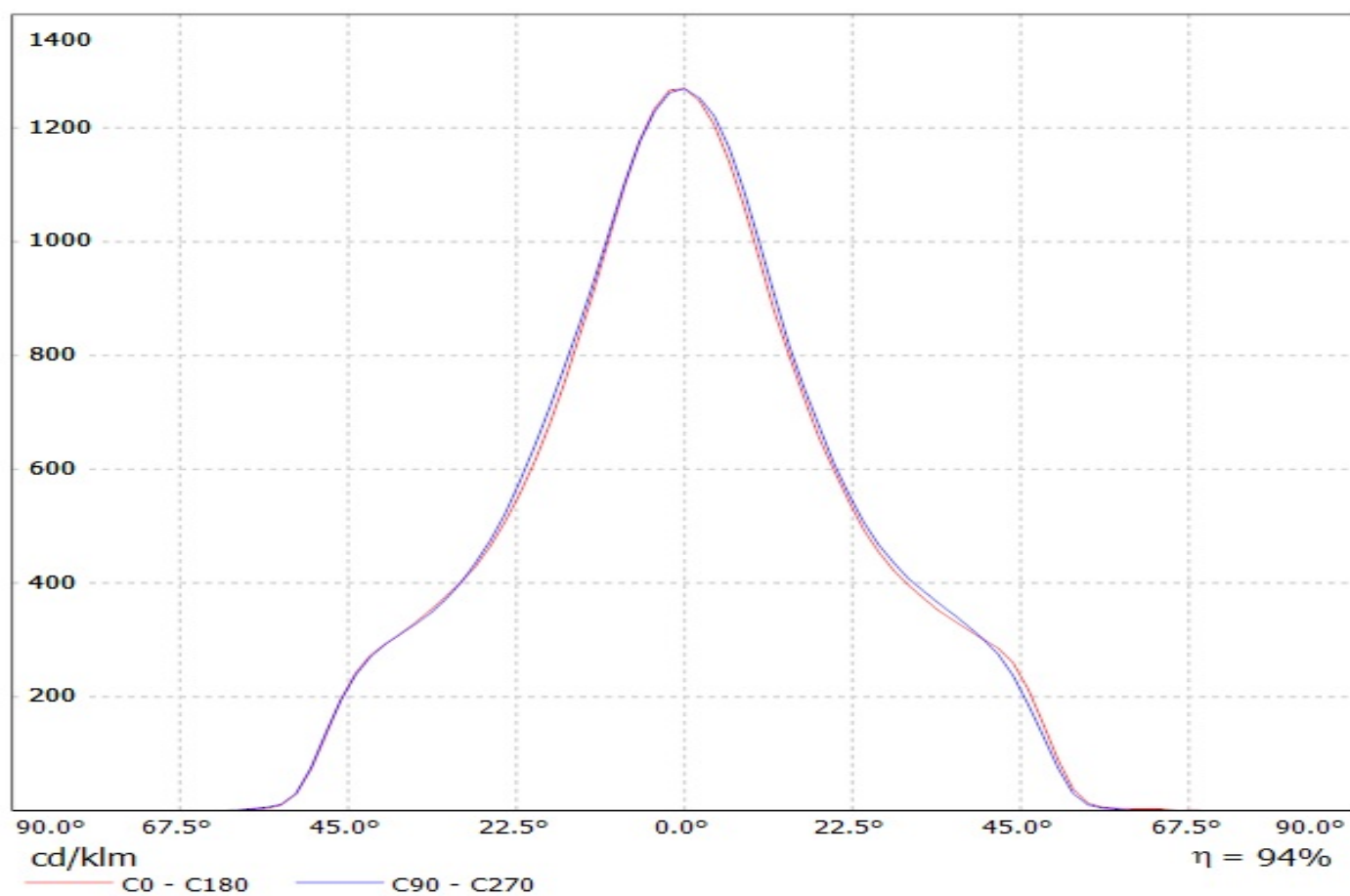
Luminaire: LEDiL Oy F13660_ANGELINA-M-B_(SOLERIQ_P13)

Lamps: 1 x SOLERIQ_P13_(GW_MAGMB1.EM)_1053.65lm@250mA_CCT=3000K_P=8.82044W_I=249.8mA

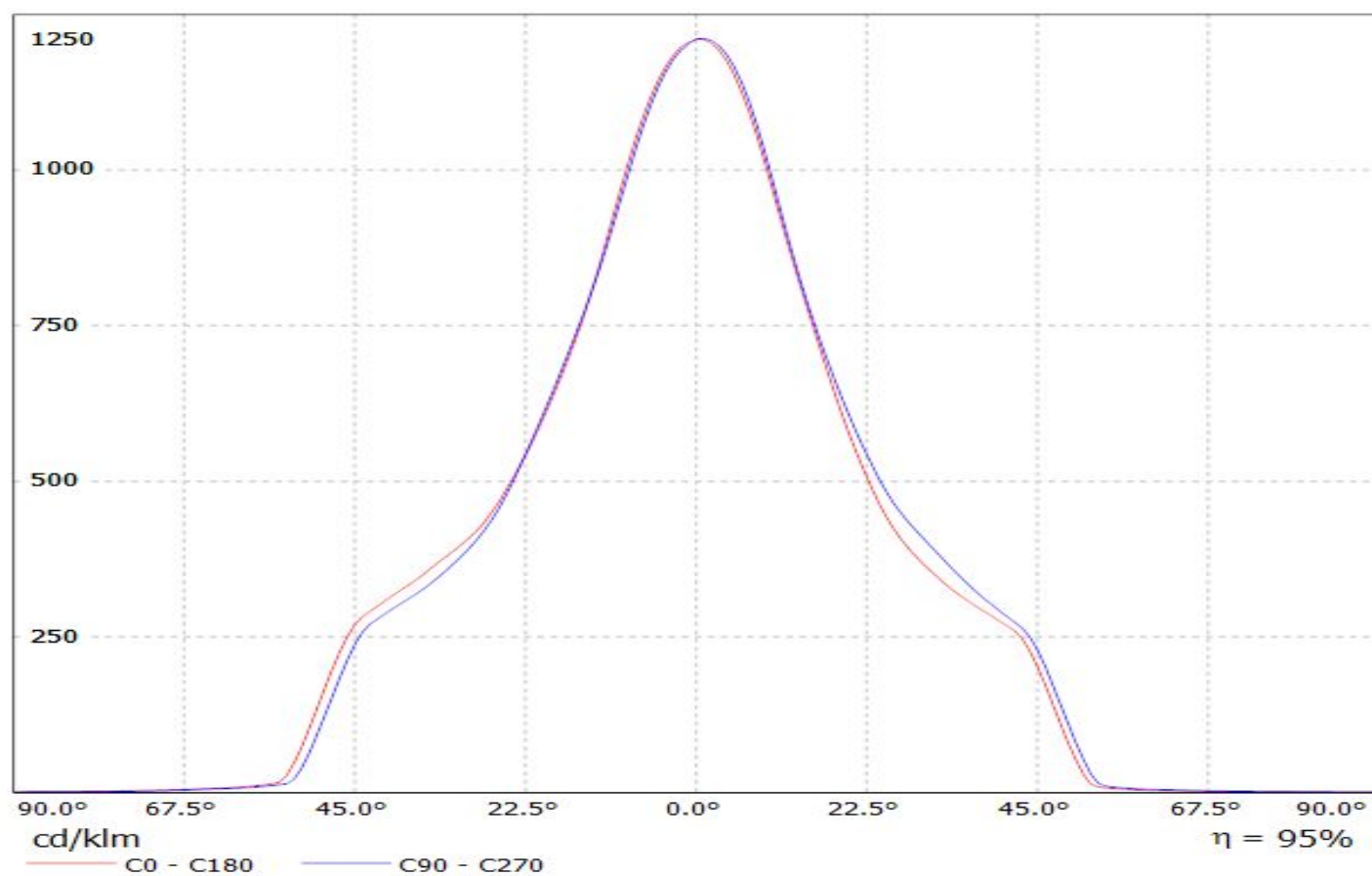


Luminaire: LEDil Oy F13660_ANGELINA-M-B_(CXM-14)

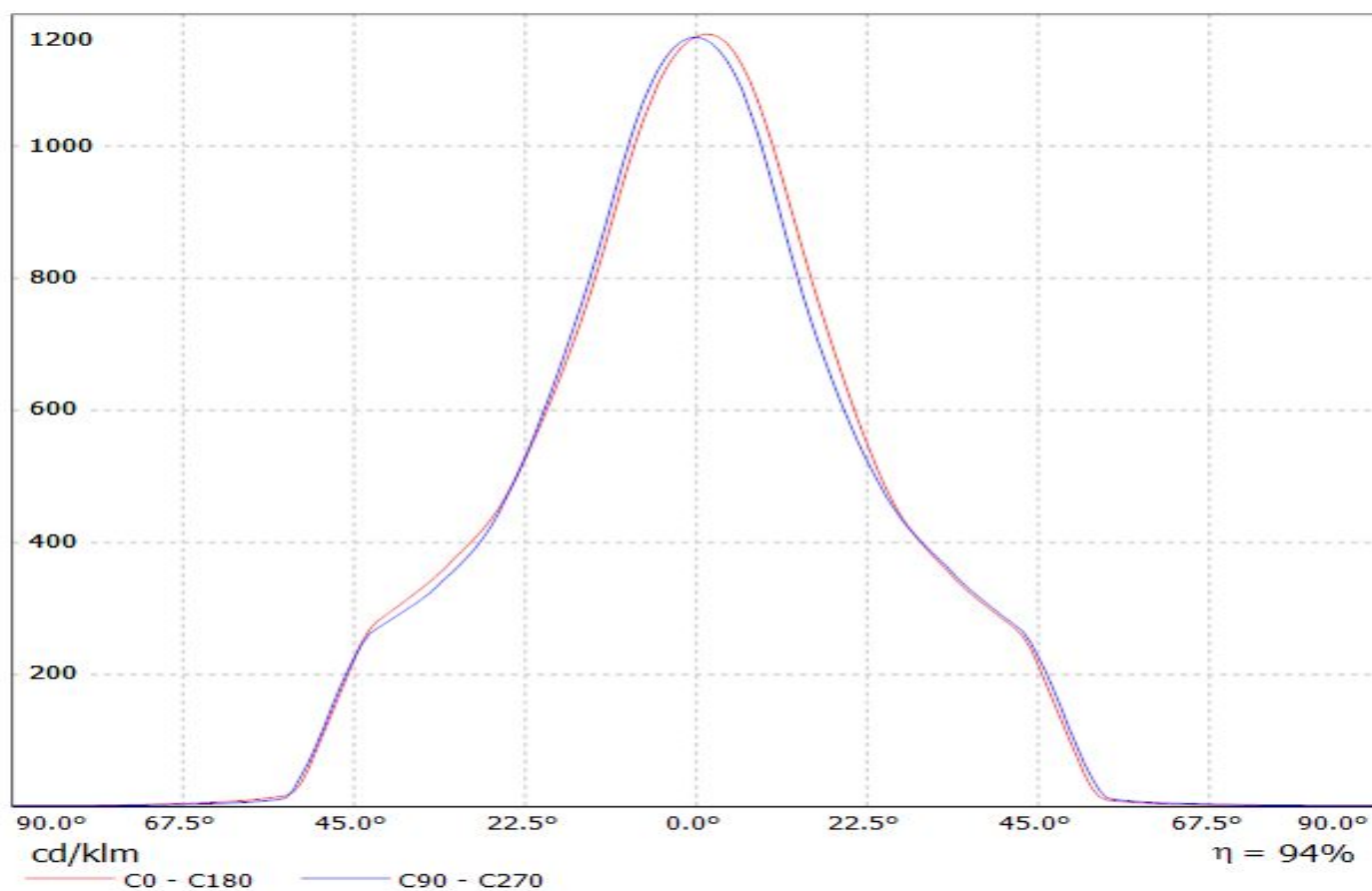
Lamps: 1 x Luminus CXM-14 (1078.95lm @ 250mA) CCT=3100K P=8.5W I=250mA



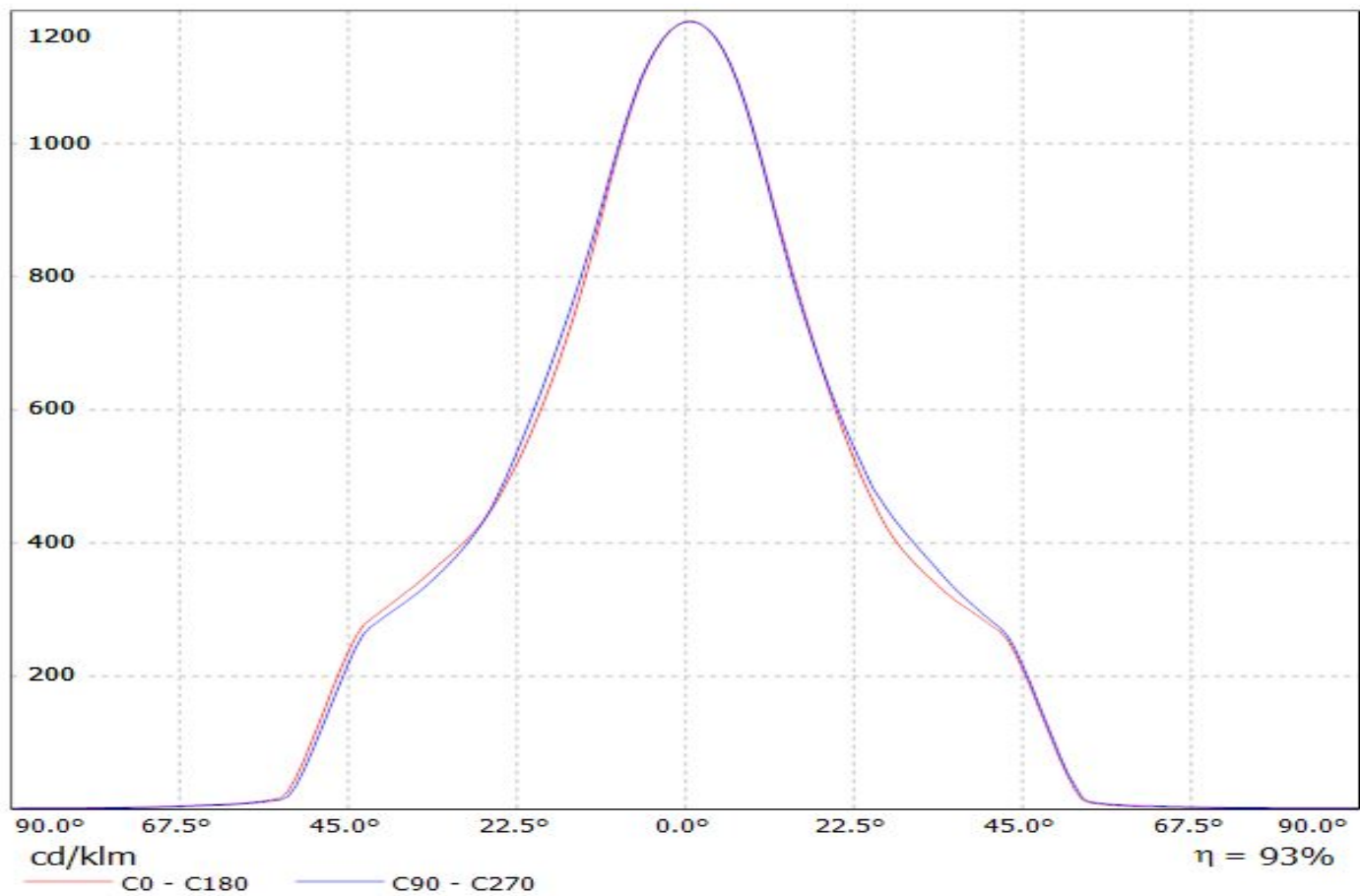
Luminaire: LEDiL Oy F13660_ANGELINA-M-B_(MegaZenigata_GW6)
Lamps: 1 x Sharp_MegaZenigata_GW6_(GW6DME30NFC)
_1266.19lm@250mA_CCT=3038K_P=11.2151W_I=250.6mA



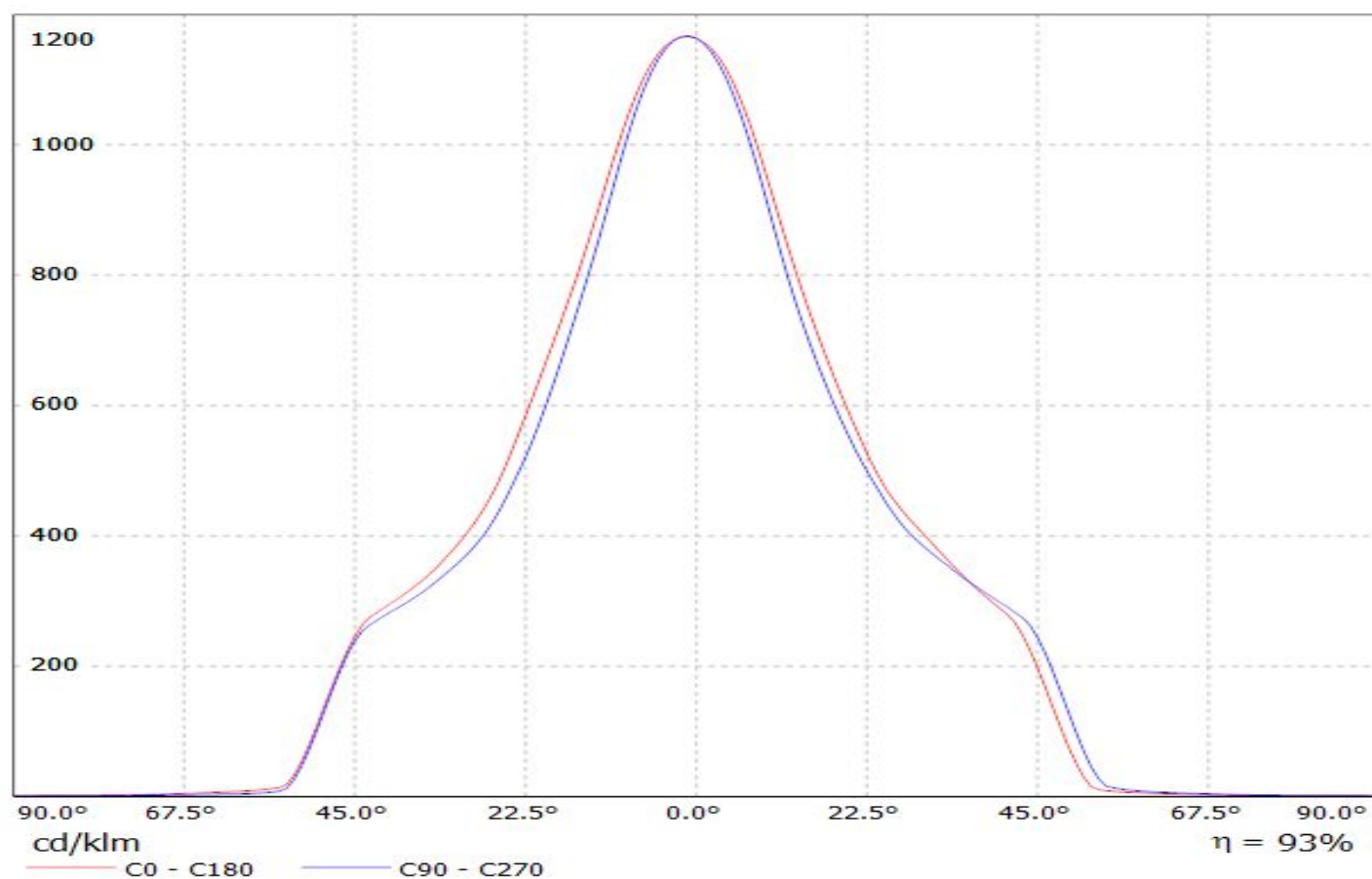
Luminaire: LEDiL Oy F13660_ANGELINA-M-B_(Soleriq S19) Eff.93.8%
Lamps: 1 x OSRAM_SOLERIQ_S19_(GW_KAHJB1.EM)
_1445.44lm@250mA_CCT=3000K_P=10.558W_I=249.8mA



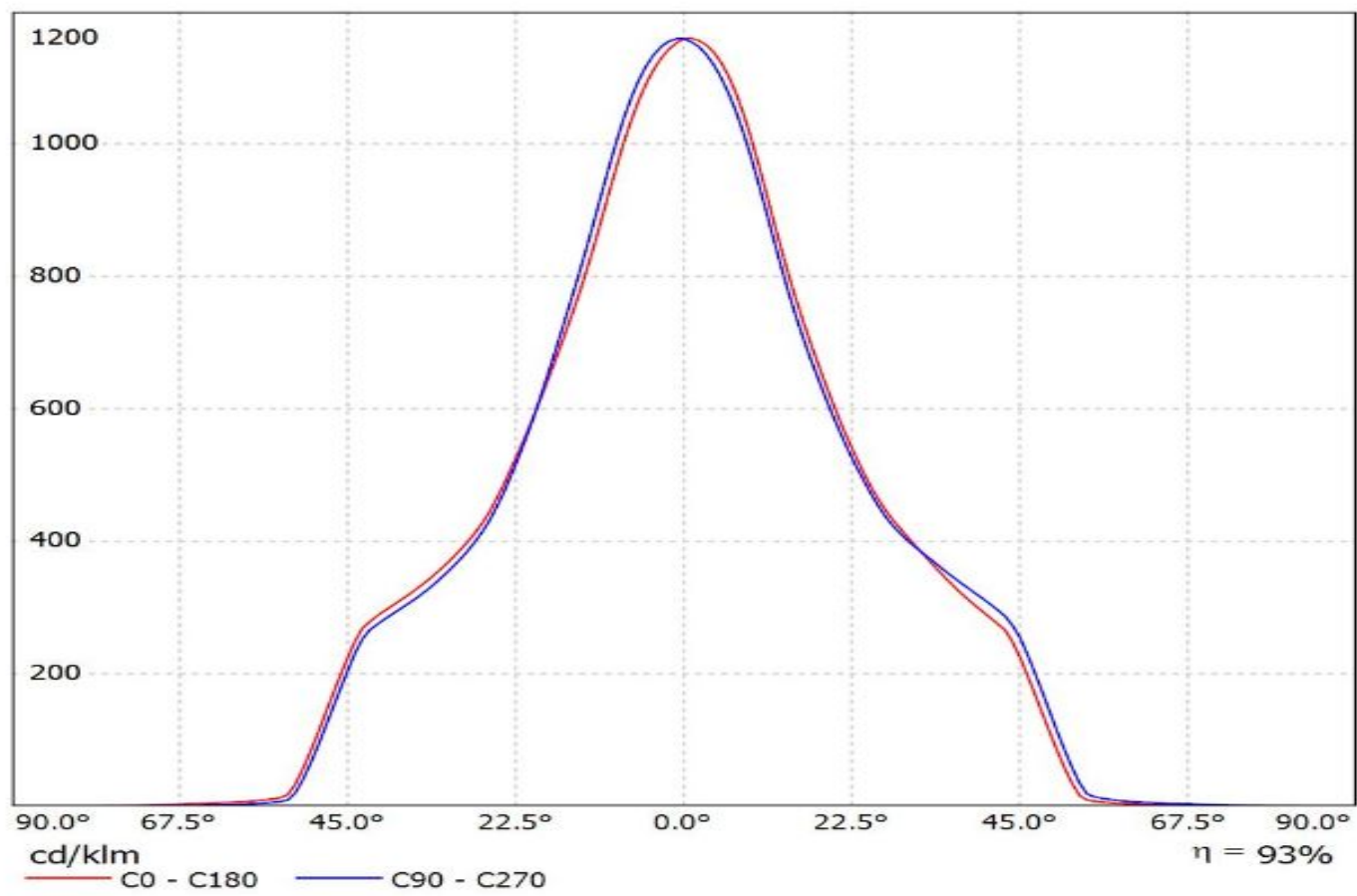
Luminaire: LEDiL Oy F13660_ANGELINA-M-B_(S19) Eff.93.3%
Lamps: 1 x Osram_SOLERIQ_S19_1434.85lm@250mA_P=10.5595W_I=249.8mA



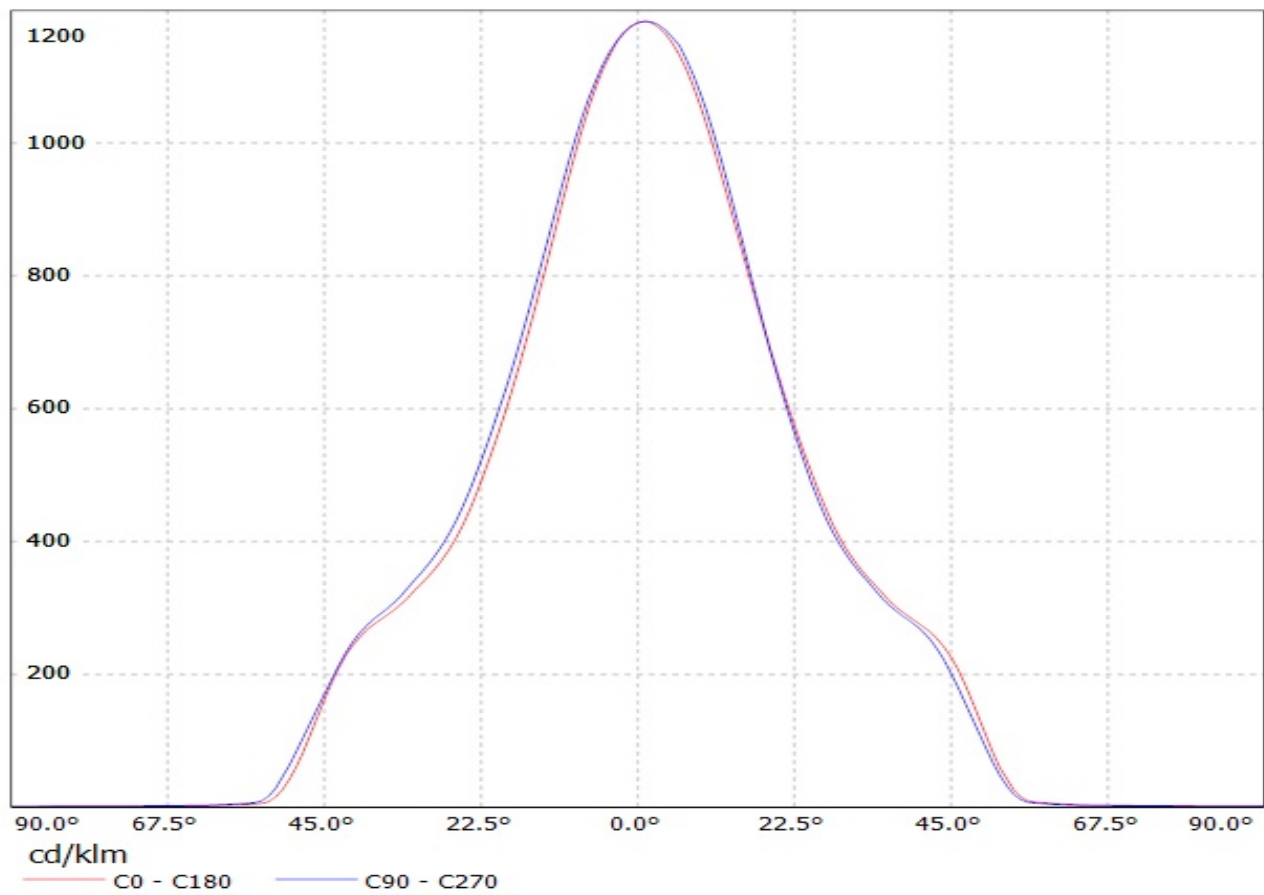
Luminaire: LEDiL Oy F13660_ANGELINA-M-B_(STARK_SLE_G3_LES17)
Lamps: 1 x TRIDONIC_STARK_SLE_G3_LES17_(STARK-SLE-PURE_G3-17-2000-840-CLA)
_1030.26lm@250mA_CCT=2000K_P=8.34707W_I=249.8mA



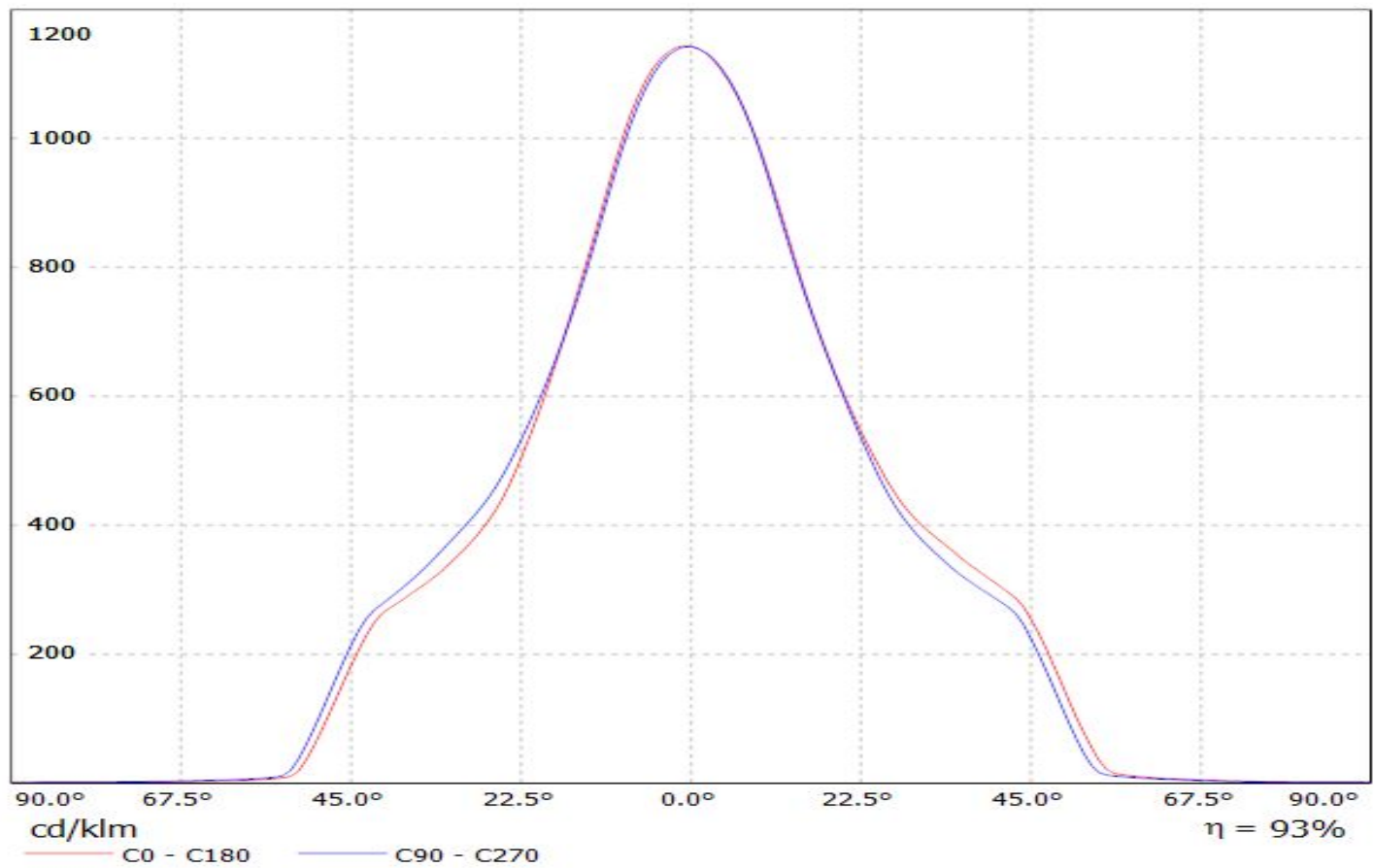
Luminaire: Ledil F13660_ANGELINA-M-B_(V15+BJB)
Lamps: 1 x Bridgelux_V15_+47.319.2224_1096.43lm@250mA_P=8.2647W_I=0.25A



Luminaire: LEDiL Oy C13660_ANGELINA-M-B_(Soleriq-E30) Eff. 90 %
Lamps: 1 x Osram Soleriq E30 (QW KAJRB2.EM-TPTR-50H4) 1358.6lm@250mA_P=10.2338W_I=0.2498mA

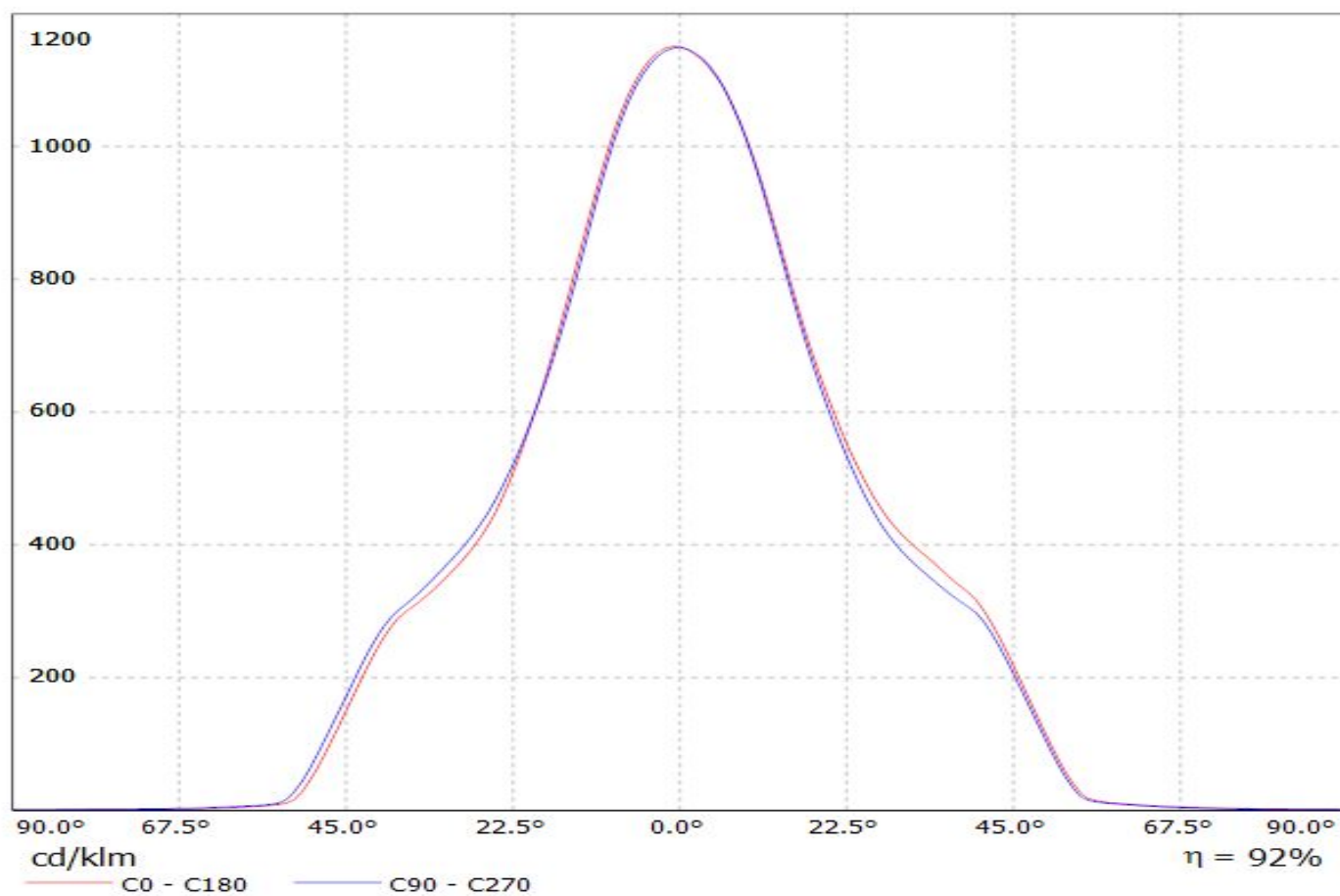


Luminaire: LEDiL Oy F13660_ANGELINA-M-B_(CXA2590)
Lamps: 1 x CREE_CXA2590_(CXA2590-30F-Z4-RPH-00001)
_837.275lm@100mA_CCT=3000K_P=6.36316W_I=100.1mA

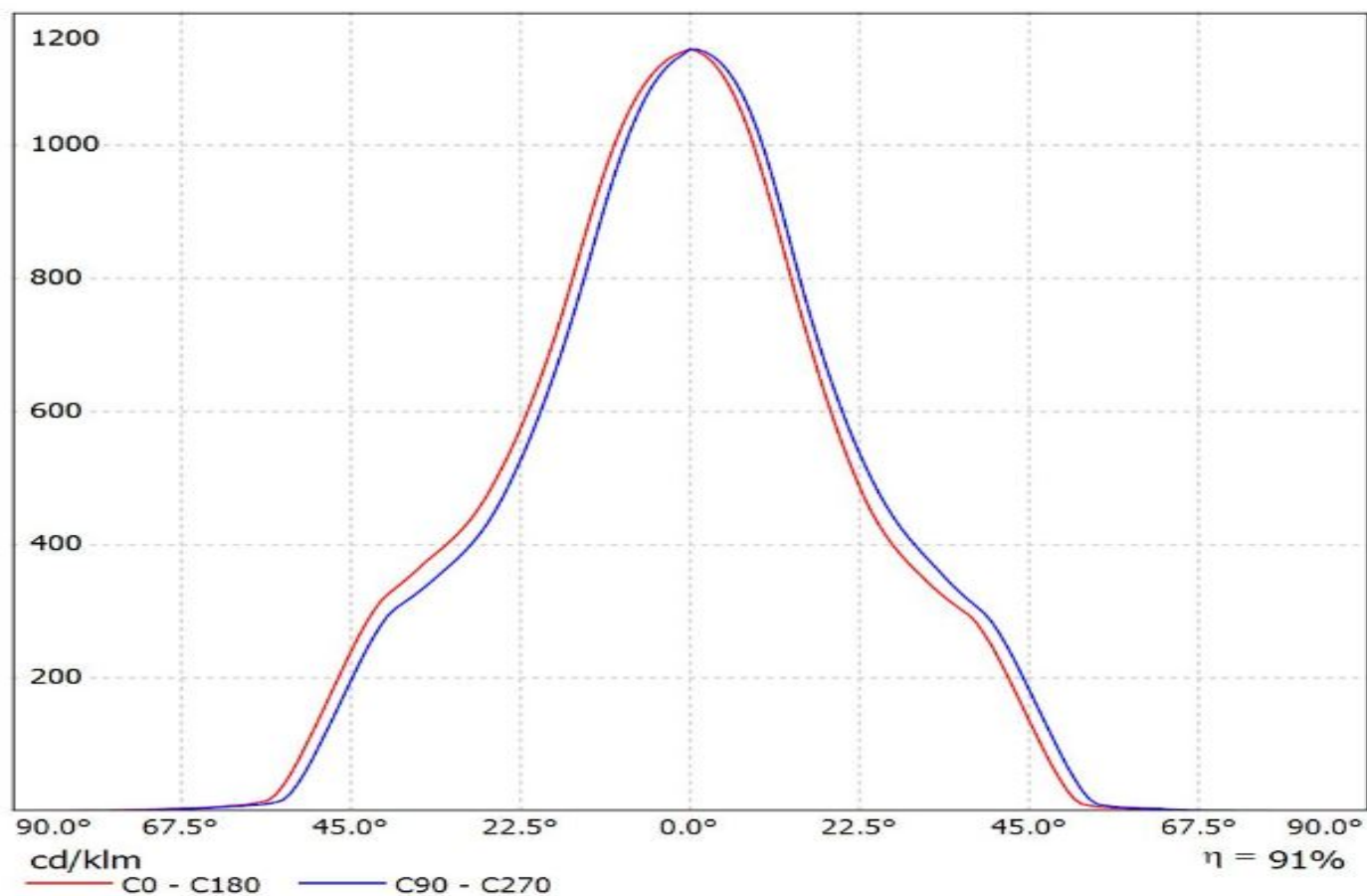


Luminaire: LEDiL Oy F13660_ANGELINA-M-B_(SLE G4 LES23)

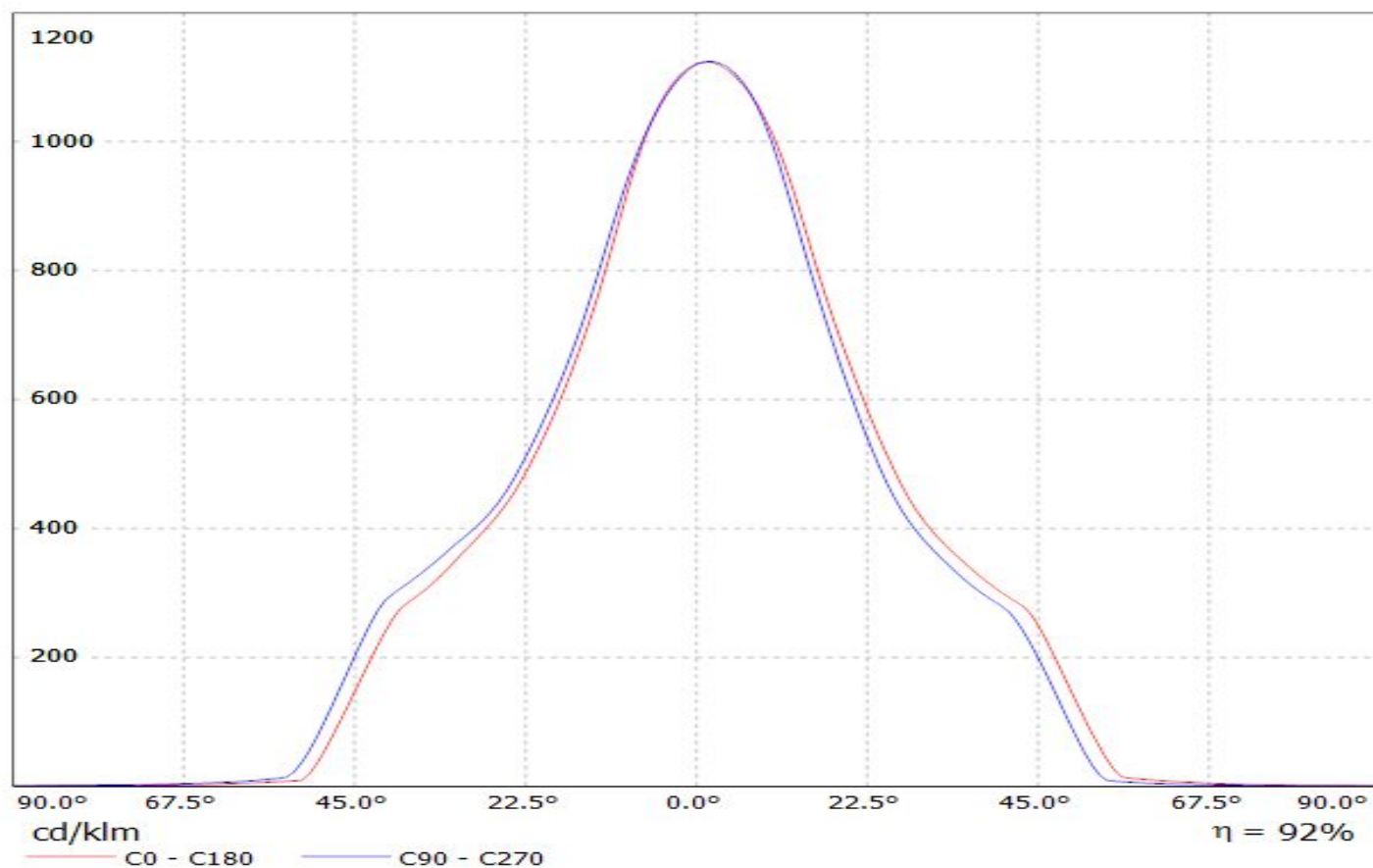
Lamps: 1 x Tridonic_SLE_G4_LES23_1428.75lm@250mA_P=8.19944W_I=0.2498A



Luminaire: LEDiL Oy F13660_ANGELINA-M-B_(SLE-G5_LES-23)
Lamps: 1 x Tridonic_SLE-G5_LES-23_1371.74lm@250mA_P=8.1065W_I=0.250A



Luminaire: LEDiL Oy F13660_ANGELINA-M-B_(Luxeon_CoB_1211)
Lamps: 1 x LUXEON_COB_1211_(LHC1-2790-1211)
_923.583lm@250mA_CCT=2700K_P=8.00909W_I=249.8mA

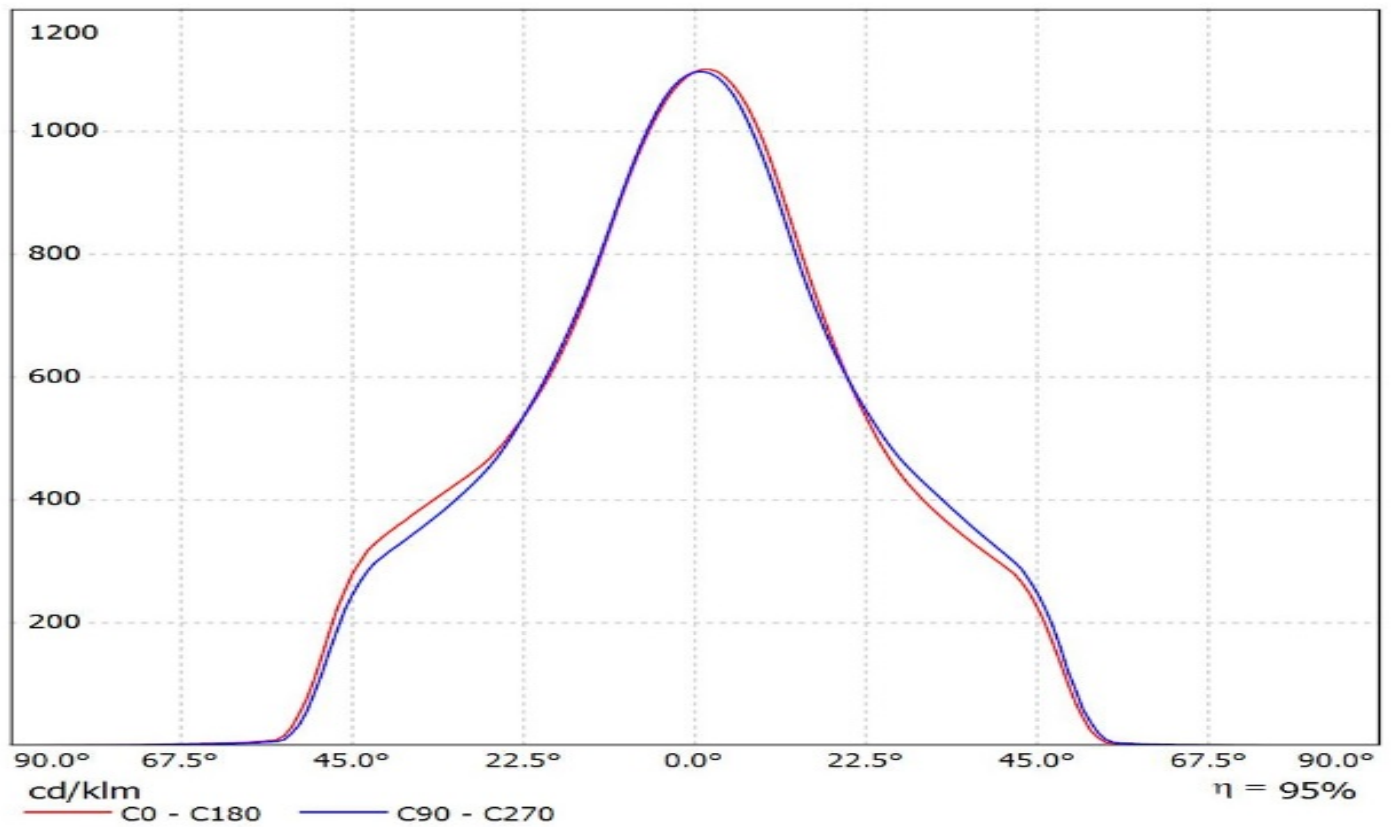


Ledil F13660_ANGELINA-M-B_(Luxeon_K16)_(47_319_2070) / LDC (Linear)

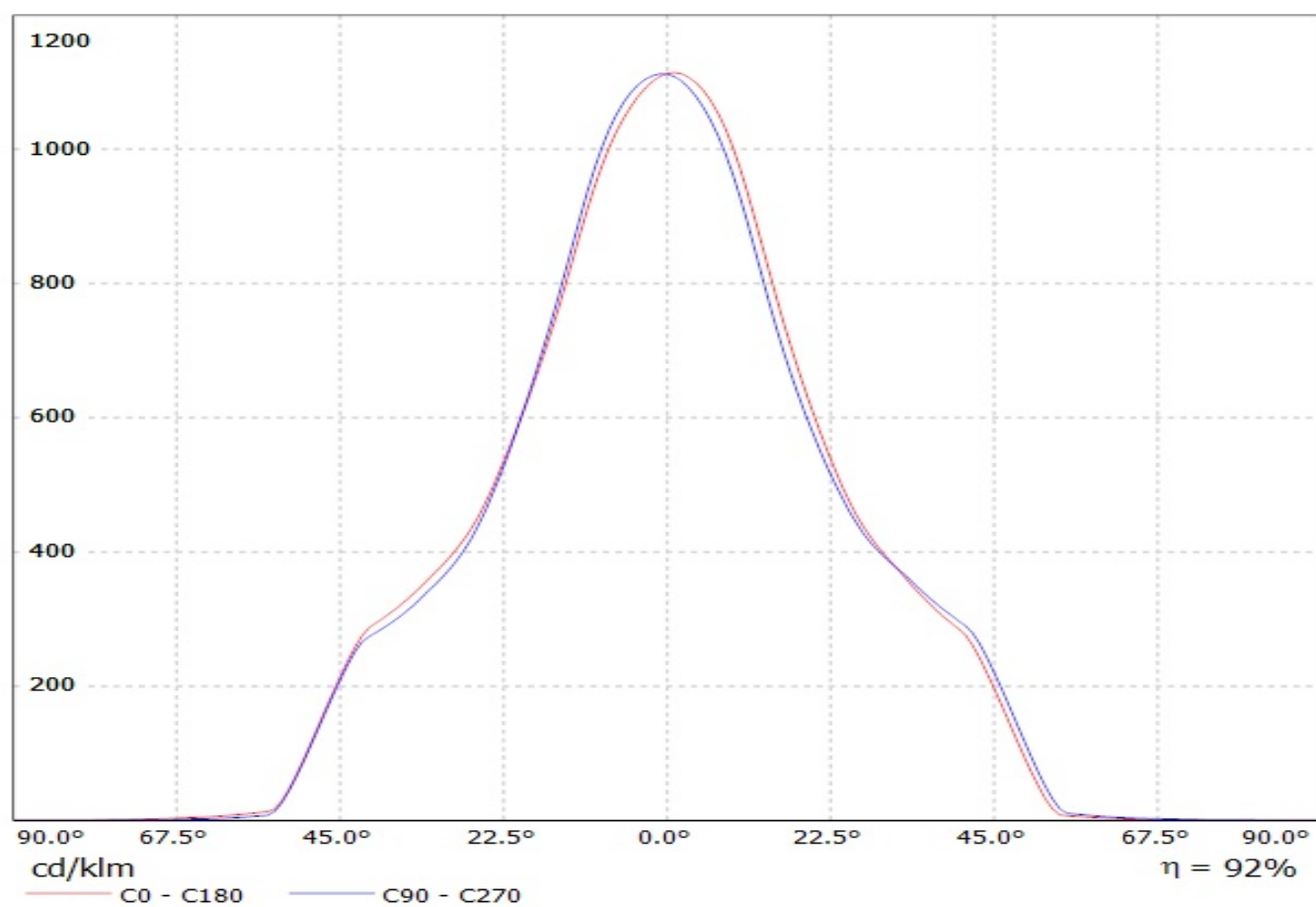
Luminaire: Ledil F13660_ANGELINA-M-B_(Luxeon_K16)_(47_319_2070)

Lamps: 1 x Philips_Lumileds_Luxeon_K16_(BJB.47.319.2070)

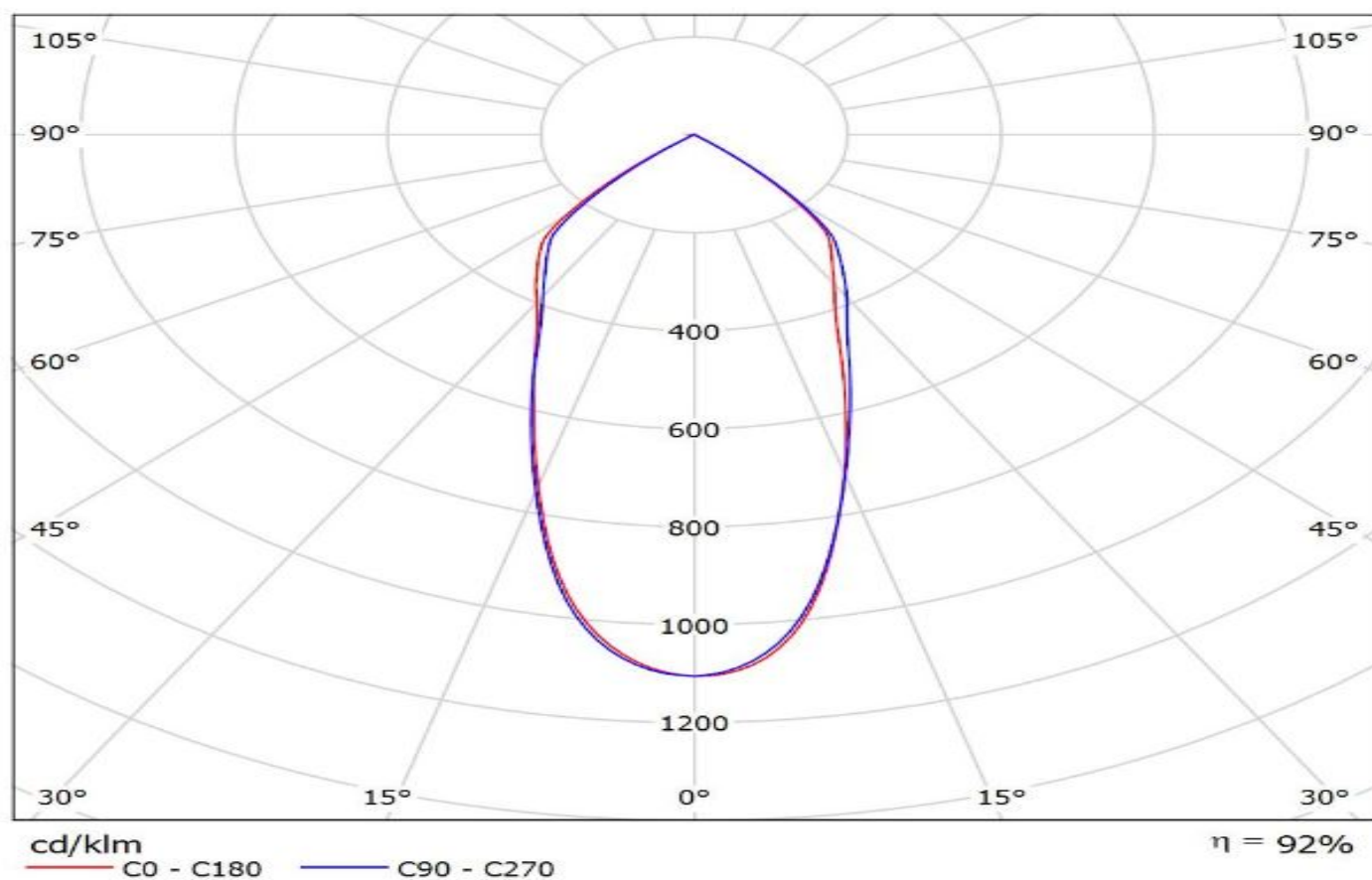
_1276.25lm@250mA_P=10.95525W_I=0.250A



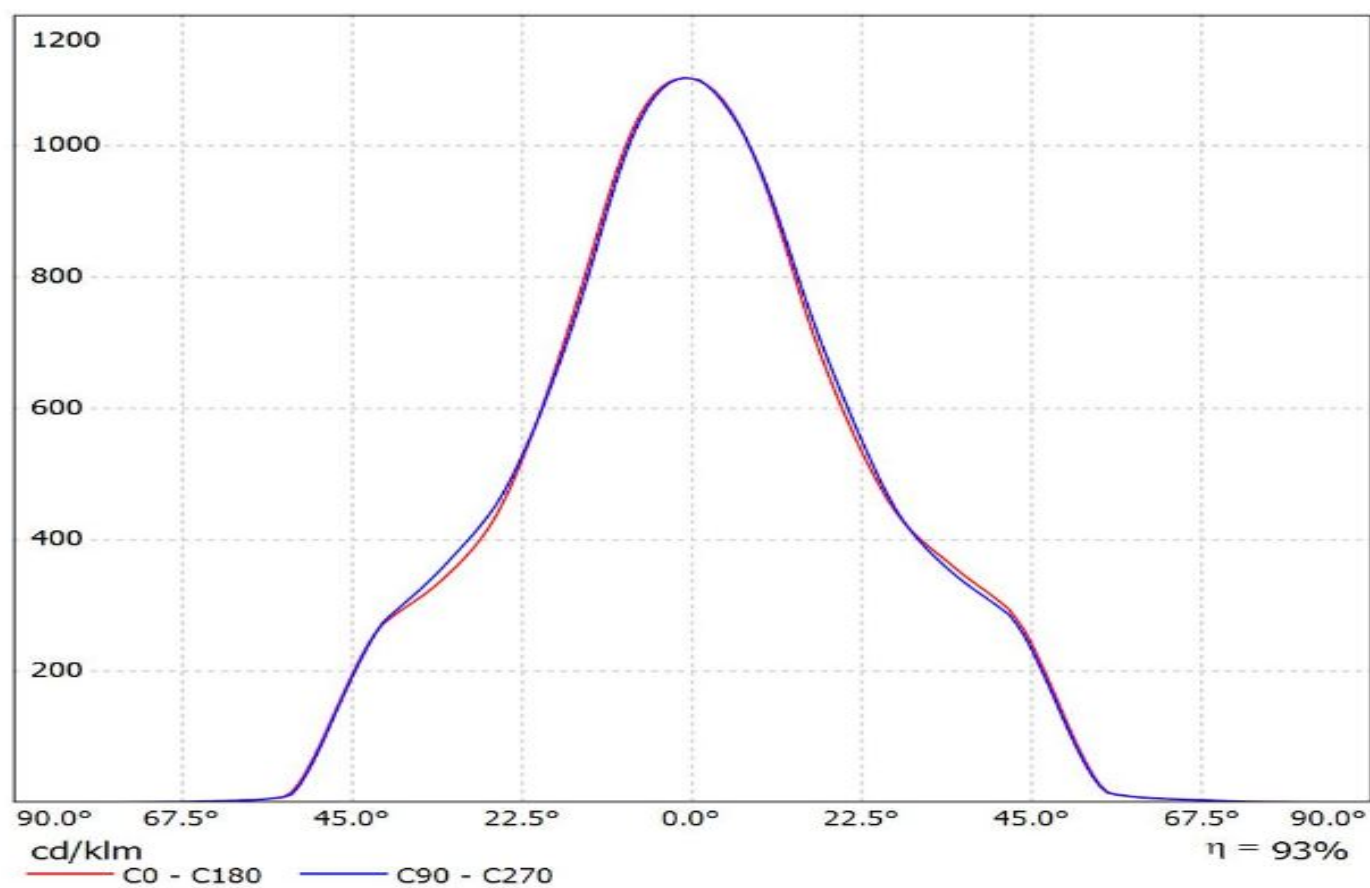
Luminaire: LEDiL Oy F13660_ANGELINA-M-B_(Luxeon_CoB_1211)_(BJB2030) 82
Lamps: 1 x Luxeon_CoB_1211_(LHC1-5780-1211)_(BJB2030)_1330.16lm@250mA_P=8.03503W_I=0.2499A



Luminaire: Ledil F13660_ANGELINA-M-B_(CXB2540_+_BJB_47.319.2140)
Lamps: 1 x CREE_CXB2540_(-40G-W4-N0H-00002)
+_BJB_47.319.2140_1412.99lm@250mA_CCT=40000K_P=8.1310W_I=0.25A

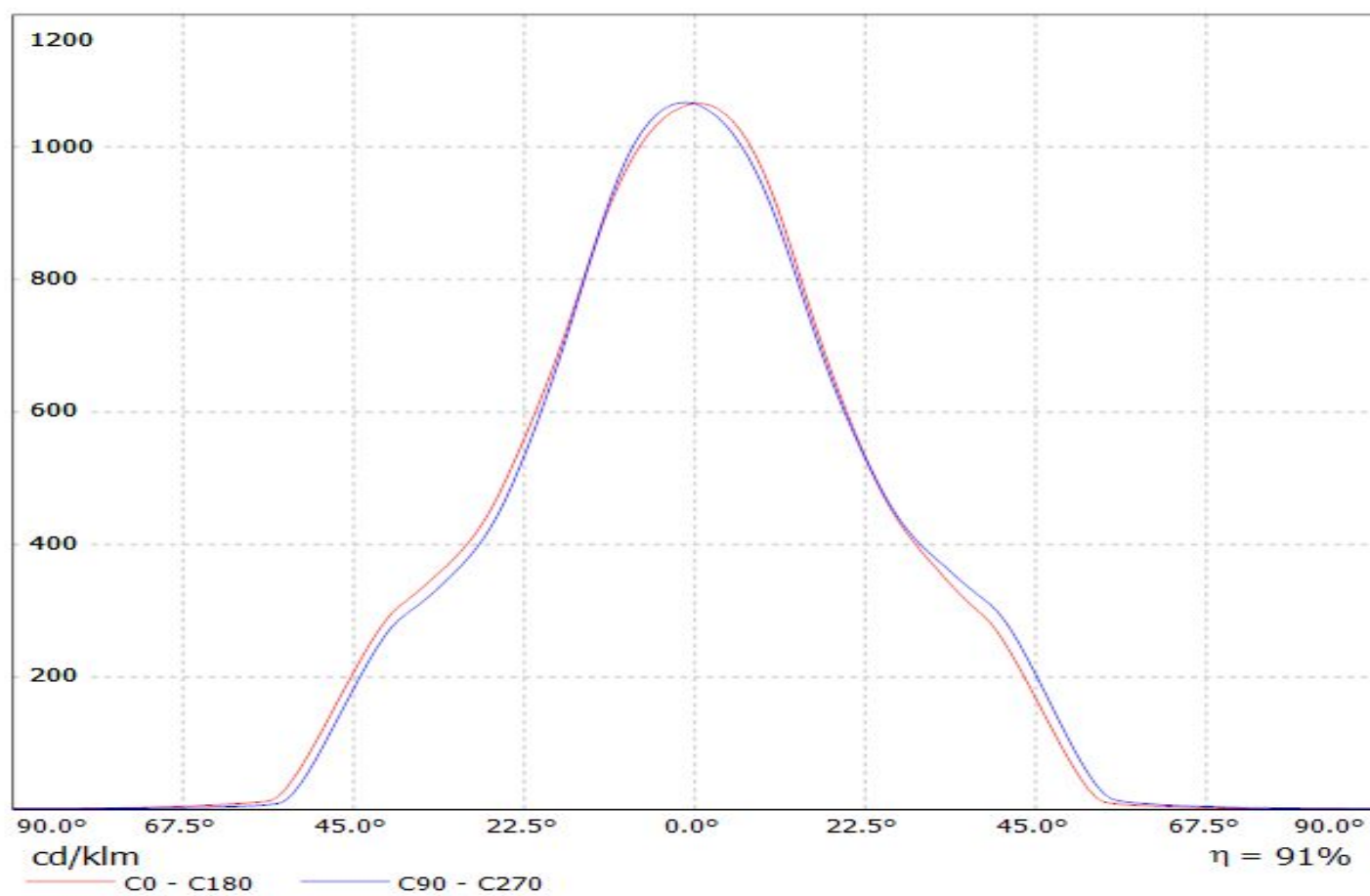


Luminaire: Ledil F13660_ANGELINA-M-B_(V18+BJB)
Lamps: 1 x Bridgelux_V18_(BXRC-30E4000-F-23)
_+47.319.2274_1094.62lm@250mA_CCT=3000K_P=6.875W_I=0.25A



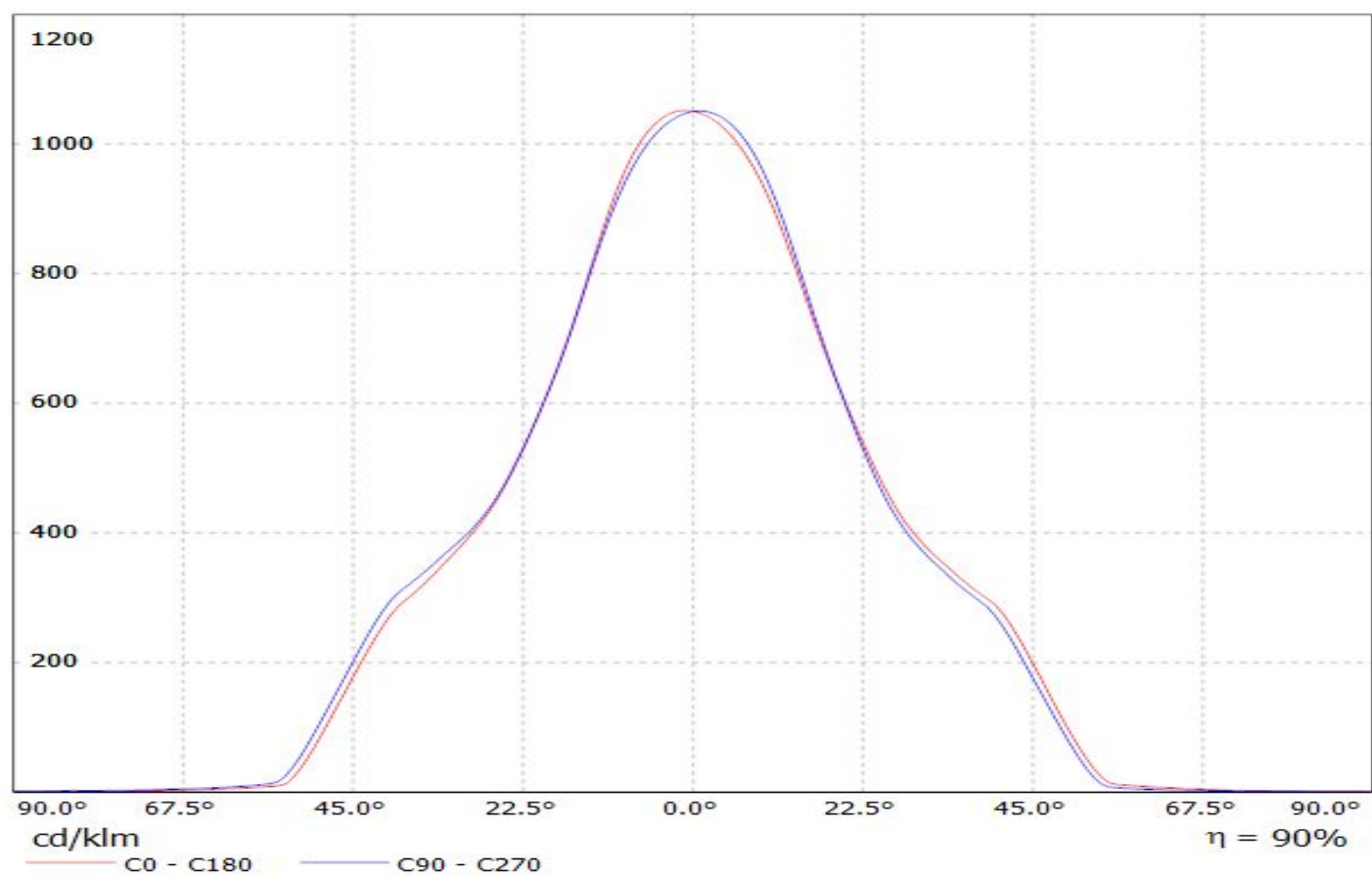
Luminaire: LEDiL Oy F13660_ANGELINA-M-B_(CXA30)

Lamps: 1 x Cree_CXA30_(CXA3050-3C0-Y2-N0H)_1395.36lm@250mA_P=8.20318W_I=249.8mA



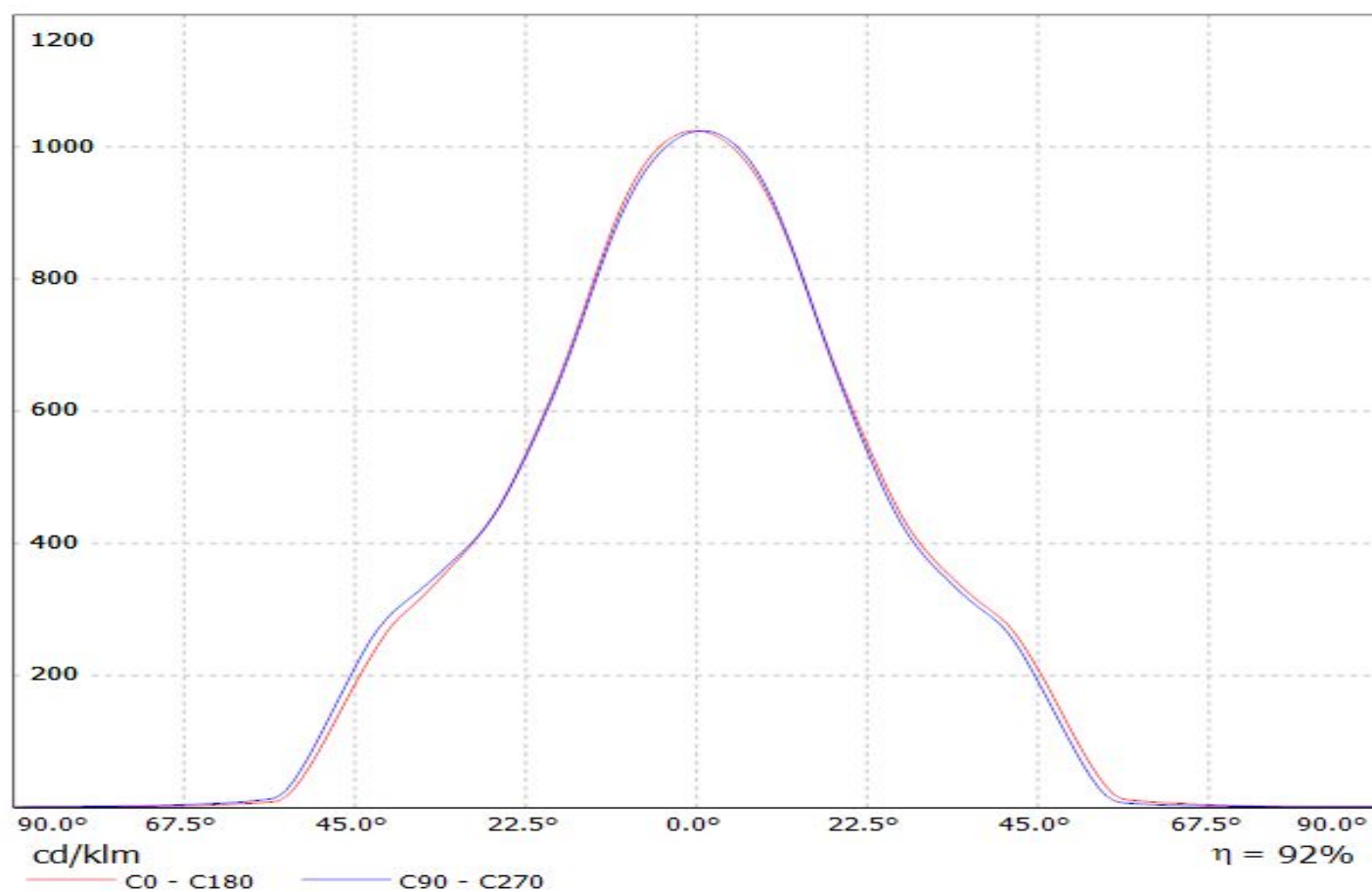
Luminaire: LEDiL Oy F13660_ANGELINA-M-B_(COB_40W)

Lamps: 1 x LG_COB_40W_1163.31lm@250mA_CCT=3000K_P=8.04906W_I=249.8mA

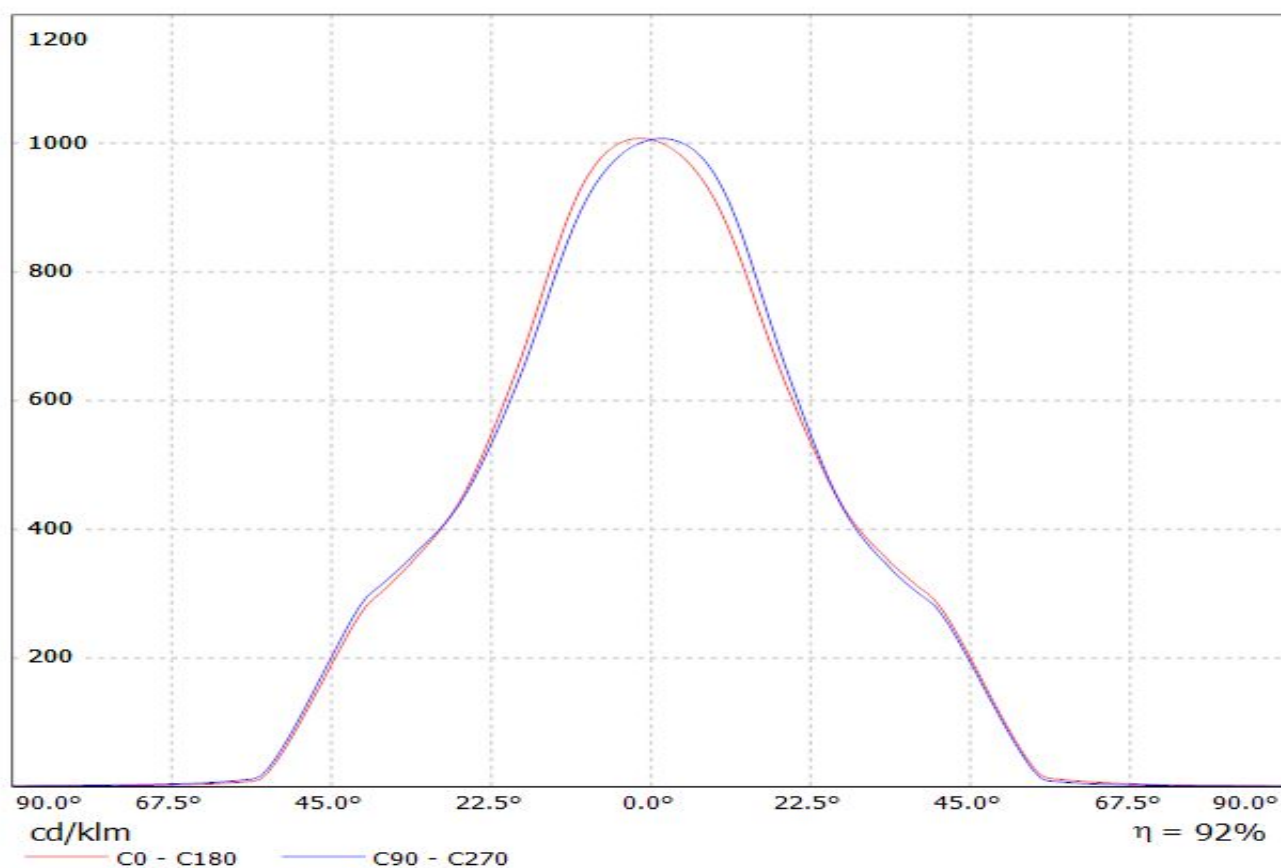


Luminaire: LEDiL Oy F13660_ANGELINA-M-B_(ZC40)

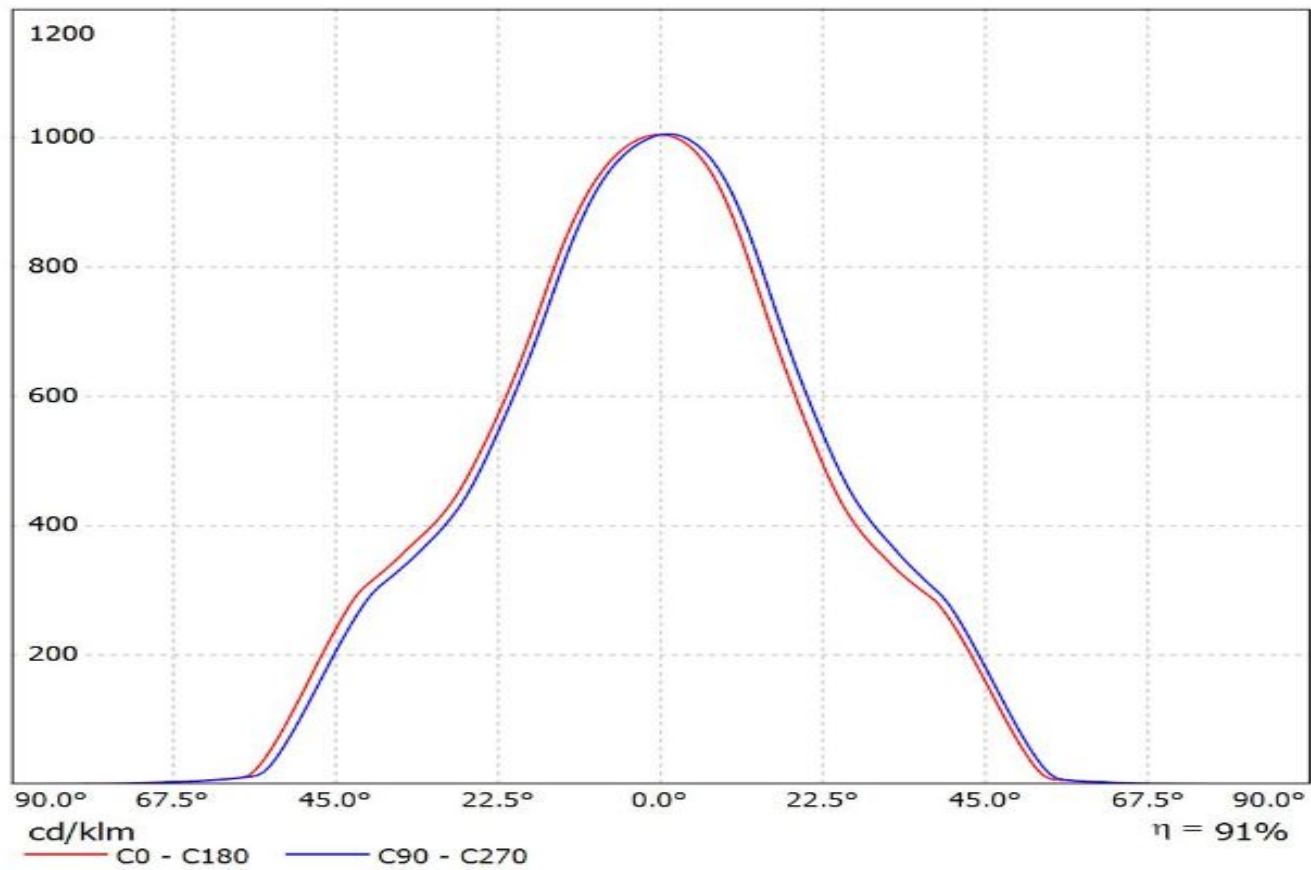
Lamps: 1 x SEOUL_ZC40_(SBWW5F1B)_1185.55lm@250mA_P=8.2384W_I=249.8mA



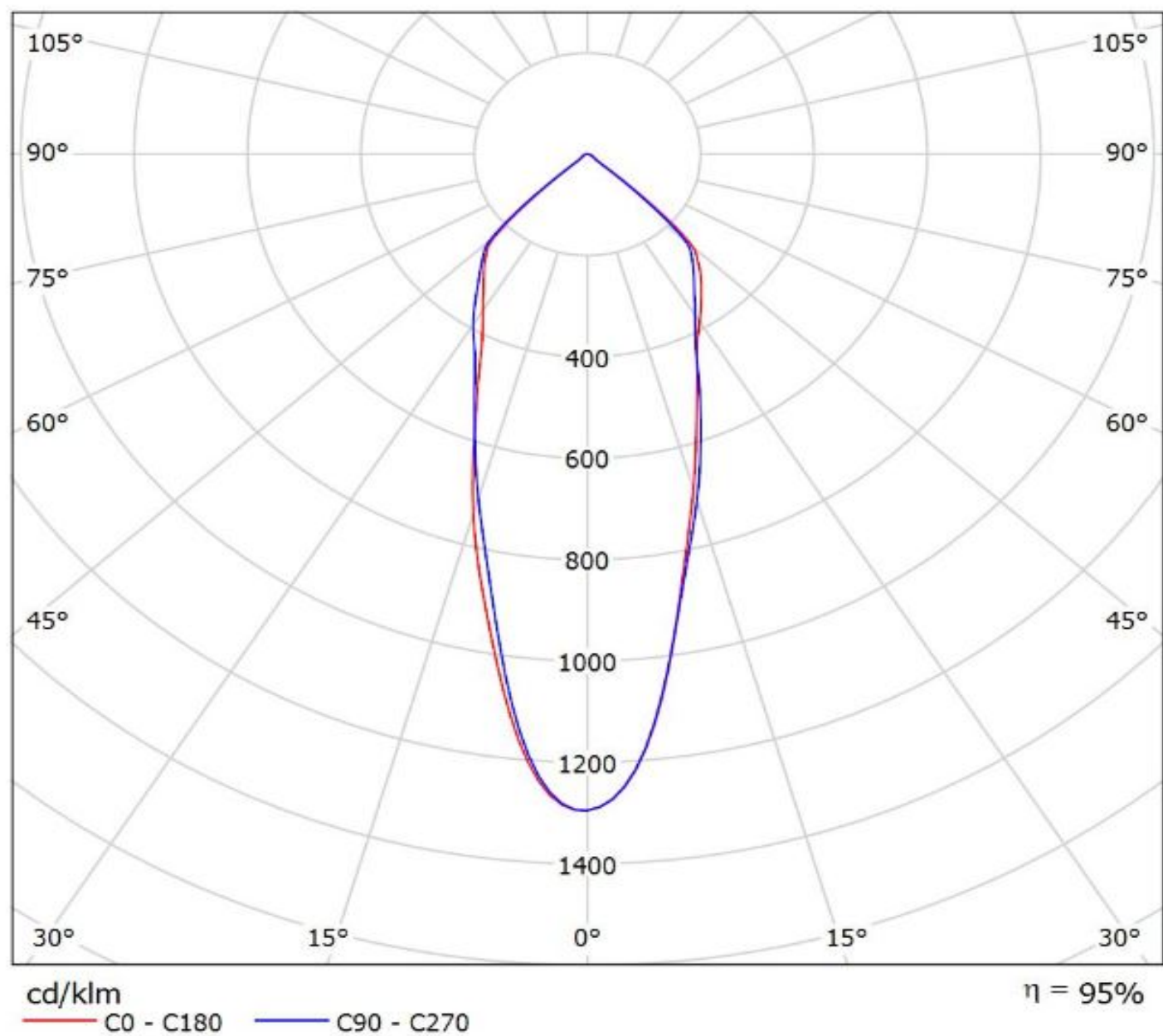
Luminaire: LEDiL Oy F13660_ANGELINA-M-B_(CXM-22) Eff.91.8%
Lamps: 1 x LUMINUS_CXM-22_1221.8lm@250mA_P=8.00809W_CCT=3000K_I=249.8mA



Luminaire: Ledil F13660_ANGELINA-M-B_(CoB_1216)
Lamps: 1 x Luxeon_CoB_1216_(L2C2-40801216E2300)_1478.53lm@250mA_P=8.0068W_I=0.25A



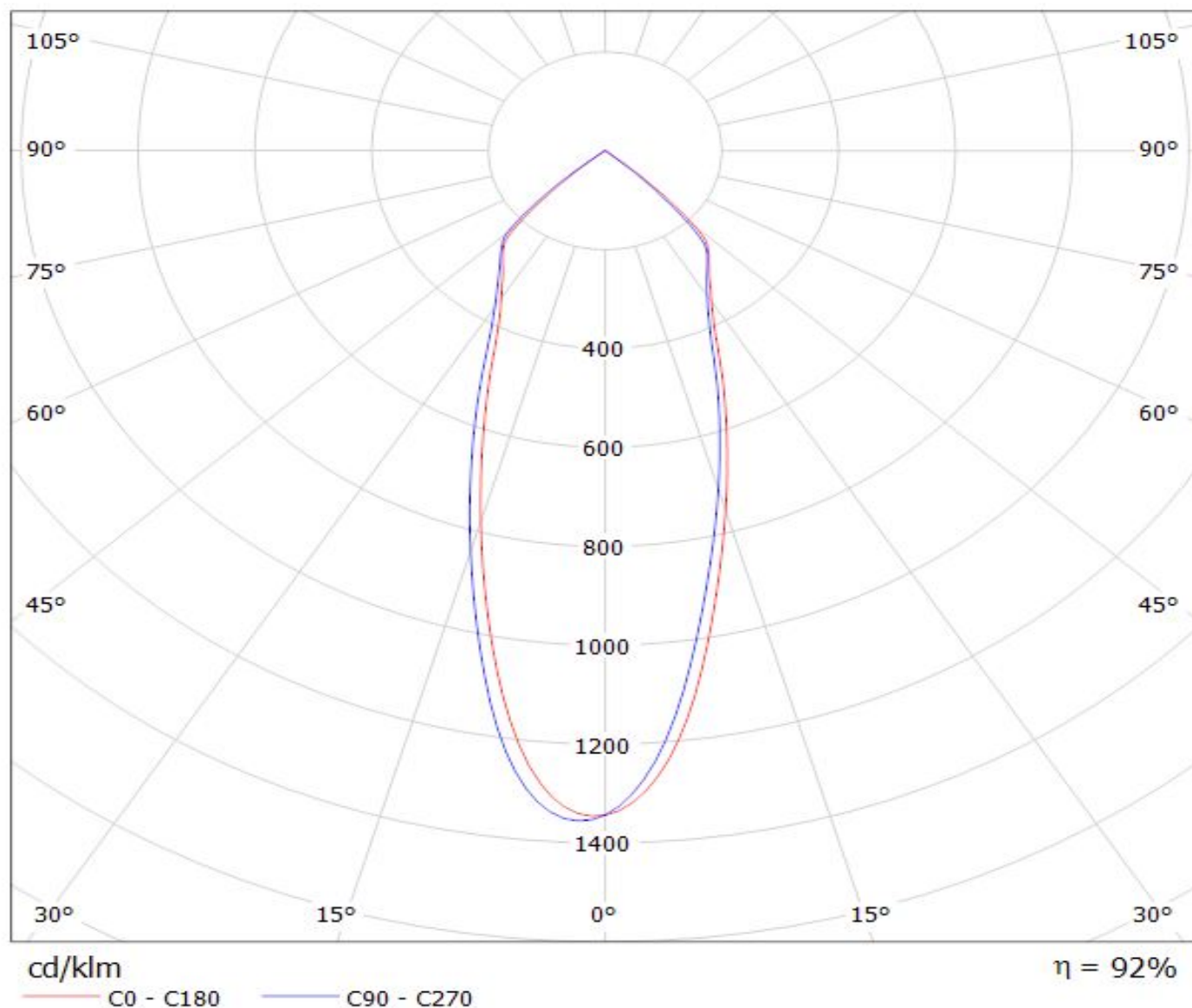
Luminaire: Ledil F13660_ANGELINA-M-B_(CITIZEN_CLU720)
Lamps: 1 x CITIZEN_CLU720_(CLU720-1206B8-273M2)
_1320.42lm@250mA_CCT=2700K_P=8.35W_I=0.25A



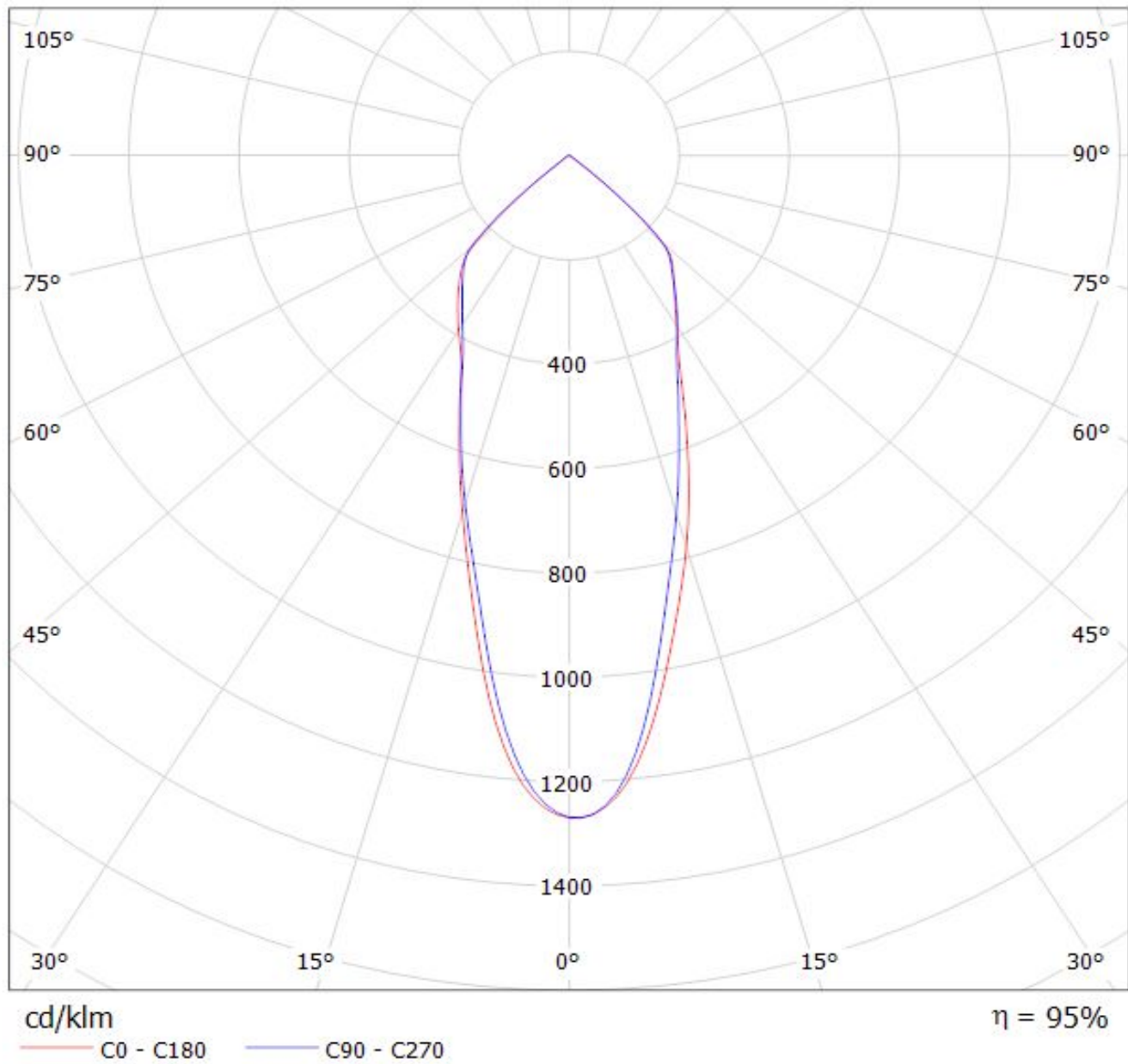
LEDiL Oy C13660_ANGELINA-M-B_(CLL030) Eff.91.7% / LDC (Polar)

Luminaire: LEDiL Oy C13660_ANGELINA-M-B_(CLL030) Eff.91.7%

Lamps: 1 x CITIZEN_CLL030_(CLL030-1205A5-303H1A7) 797.292lm@250mA CCT=3000K P=8.65307W
I=249.8mA

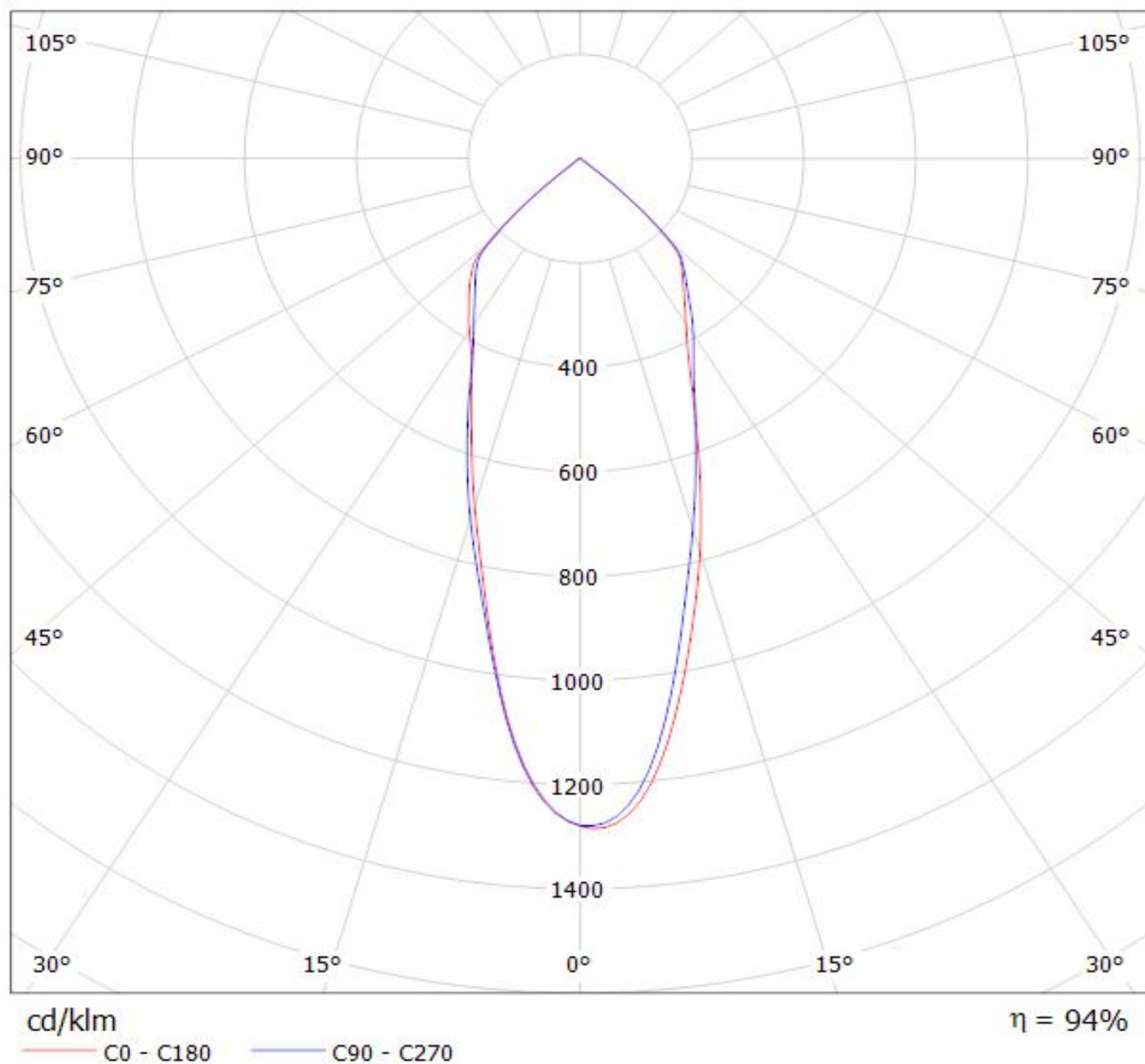


Luminaire: LEDiL Oy F13660_ANGELINA-M-B_(Soleriq_S13) Eff.94.0%
Lamps: 1 x Osram_Soleriq_S13_825.418lm@250mA_CCT=3125K_P=7.33663W_I=249.8mA

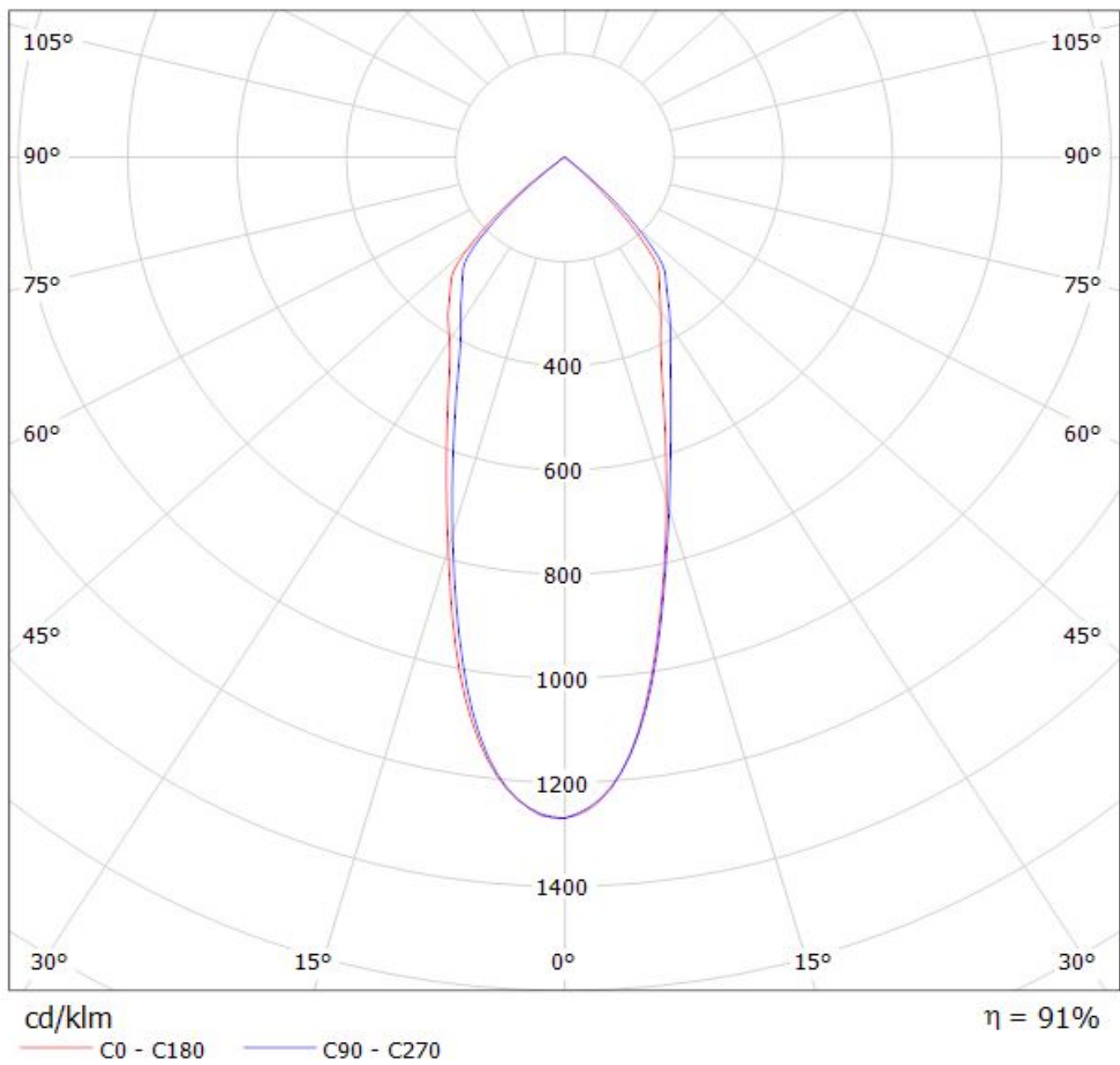


Luminaire: LEDiL Oy F13660_ANGELINA-M-B_(LG_COB_10W)

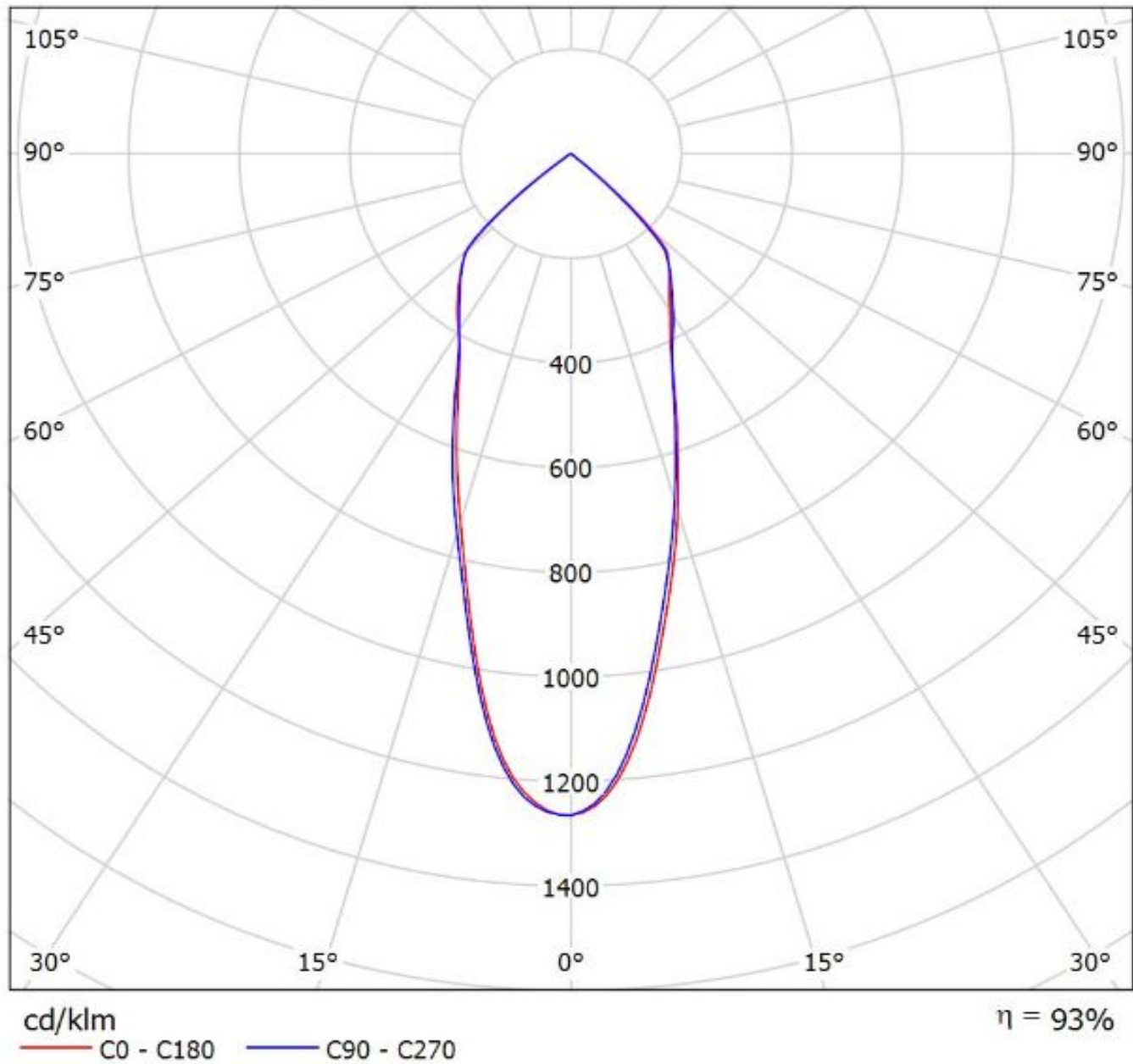
Lamps: 1 x LG_COB_10W_(LEMWM18580LG00)_917.757lm@250mA_P=9.31304W_I=249.8mA



Luminaire: LEDiL Oy F13660_ANGELINA-M-B_(SLE GEN4 LES19)
Lamps: 1 x SLE GEN4 LES19_1226.28lm@250mA_P=8.21367W_I=0.2498A

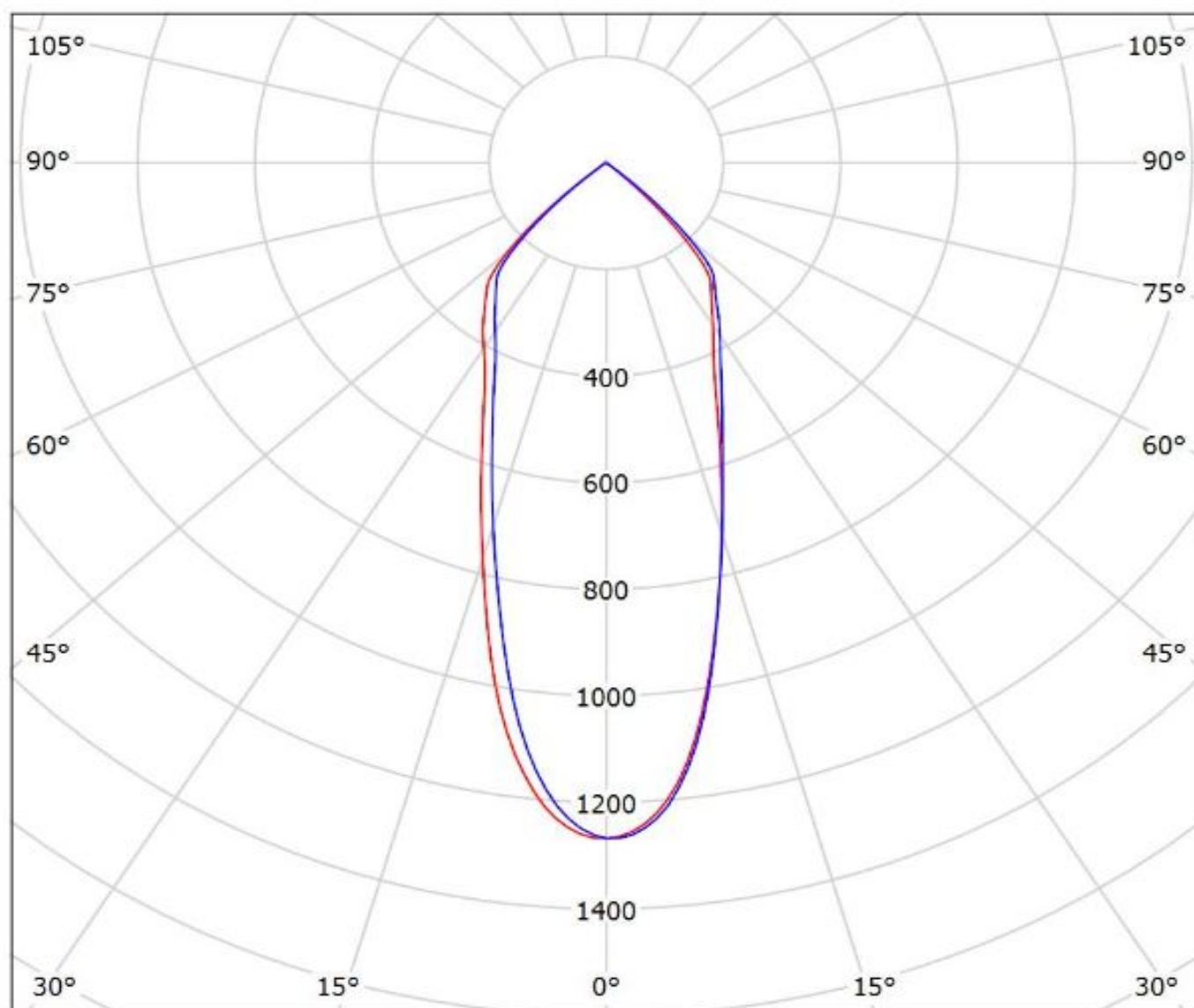


Luminaire: Ledil F13660_ANGELINA-M-B_(Soleriq_S13_G2)
Lamps: 1 x Osram_Soleriq_S13_G2_(GW_KAGHB2.EM)1353.18lm@250m_P=8.46W_I=0.25A



Luminaire: LEDiL Oy F13660_ANGELINA-M-B_(SLE-G5_LES-19)

Lamps: 1 x Tridonic_SLE-G5_LES-19_1334.47lm@250mA_P=8.2224W_I=0.250A



cd/klm

— C0 - C180 — C90 - C270

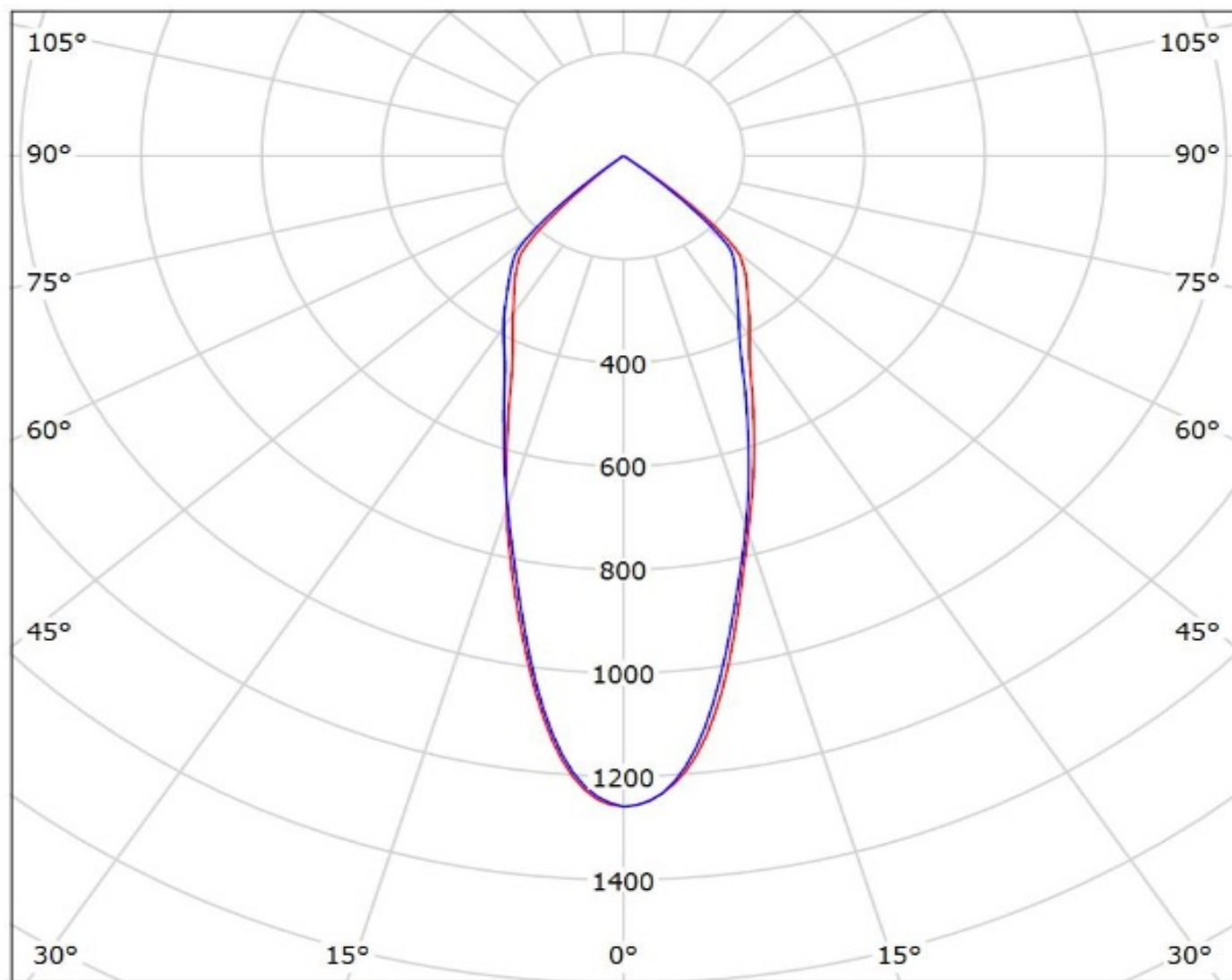
$\eta = 91\%$

Ledil F13660_ANGELINA-M-B_(COB_10W)_(BJB_47_319_2080) / LDC (Polar)

Luminaire: Ledil F13660_ANGELINA-M-B_(COB_10W)_(BJB_47_319_2080)

Lamps: 1 x LG_COB_10W_(LEMWM18580LG00)_(BJB_47.319.2080)

_947.453lm@250mA_P=9.342W_I=0.250A



cd/klm

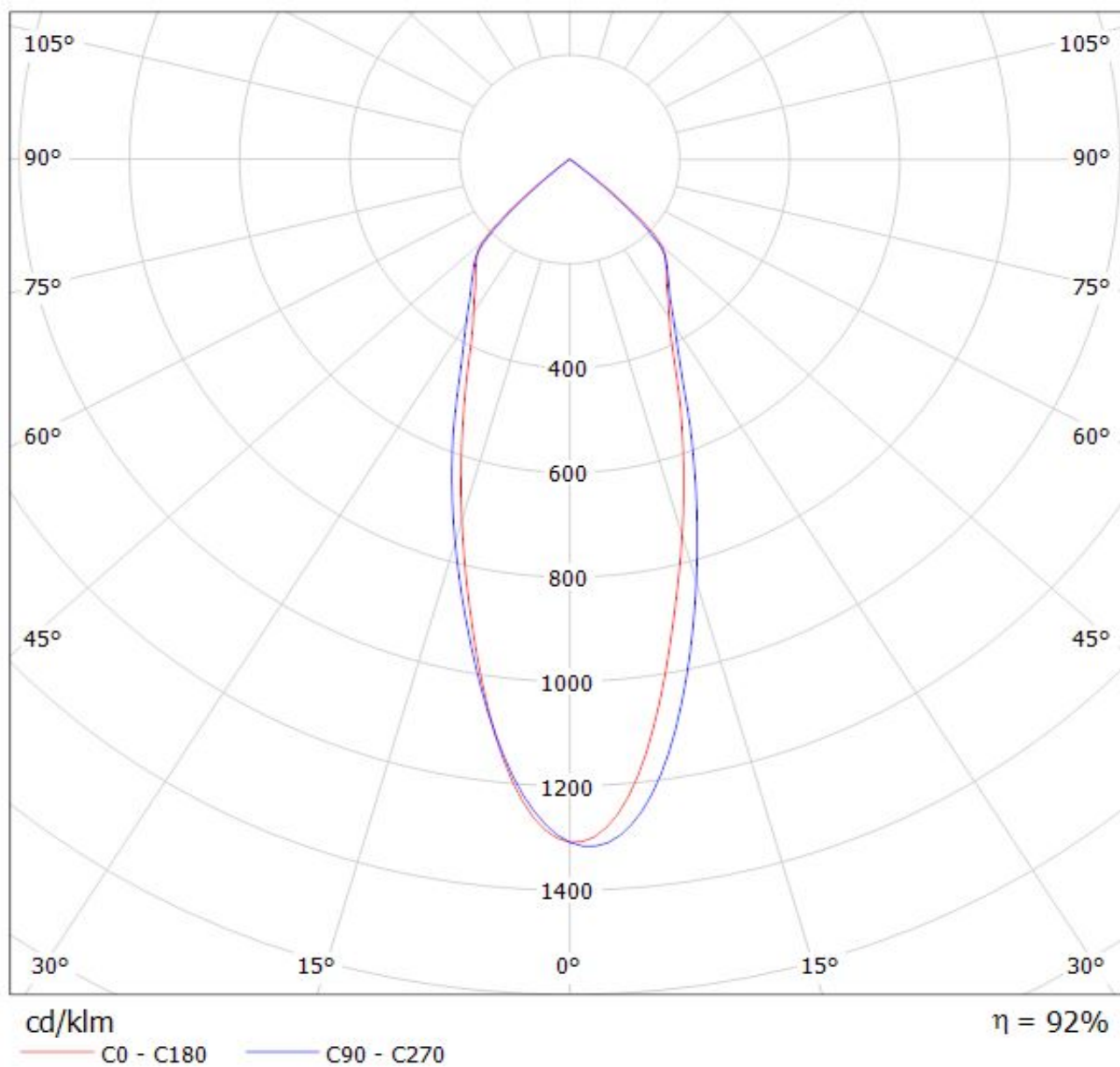
— C0 - C180

— C90 - C270

$\eta = 93\%$

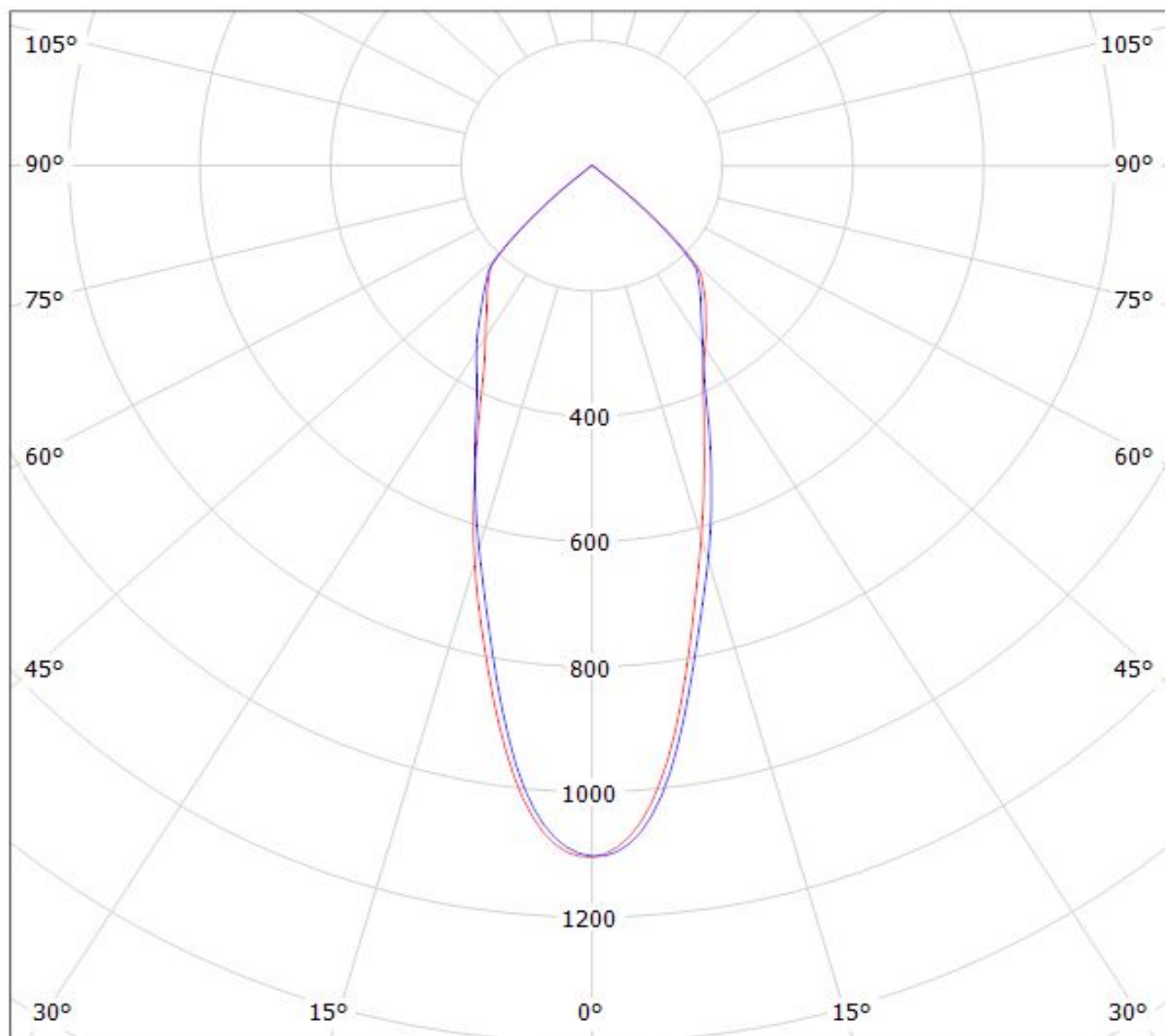
Luminaire: LEDiL Oy C13660_ANGELINA-M-B_(BXRA_ES) Eff. 92%

Lamps: 1 x Bridgelux BXRA_ES_(QQ40_BXRA-W1202_1019A-2010) 268lm@250mA_P=3.36W_I=250mA



Luminaire: LEDiL Oy F13660_ANGELINA-M-B_(Luxeon_CoB_1205)

Lamps: 1 x LUXEON_COB_1205_(LHC1-3080-1205)_1274.35lm@250mA_CCT=3000K_P=11.183W_I=249.8mA



cd/klm

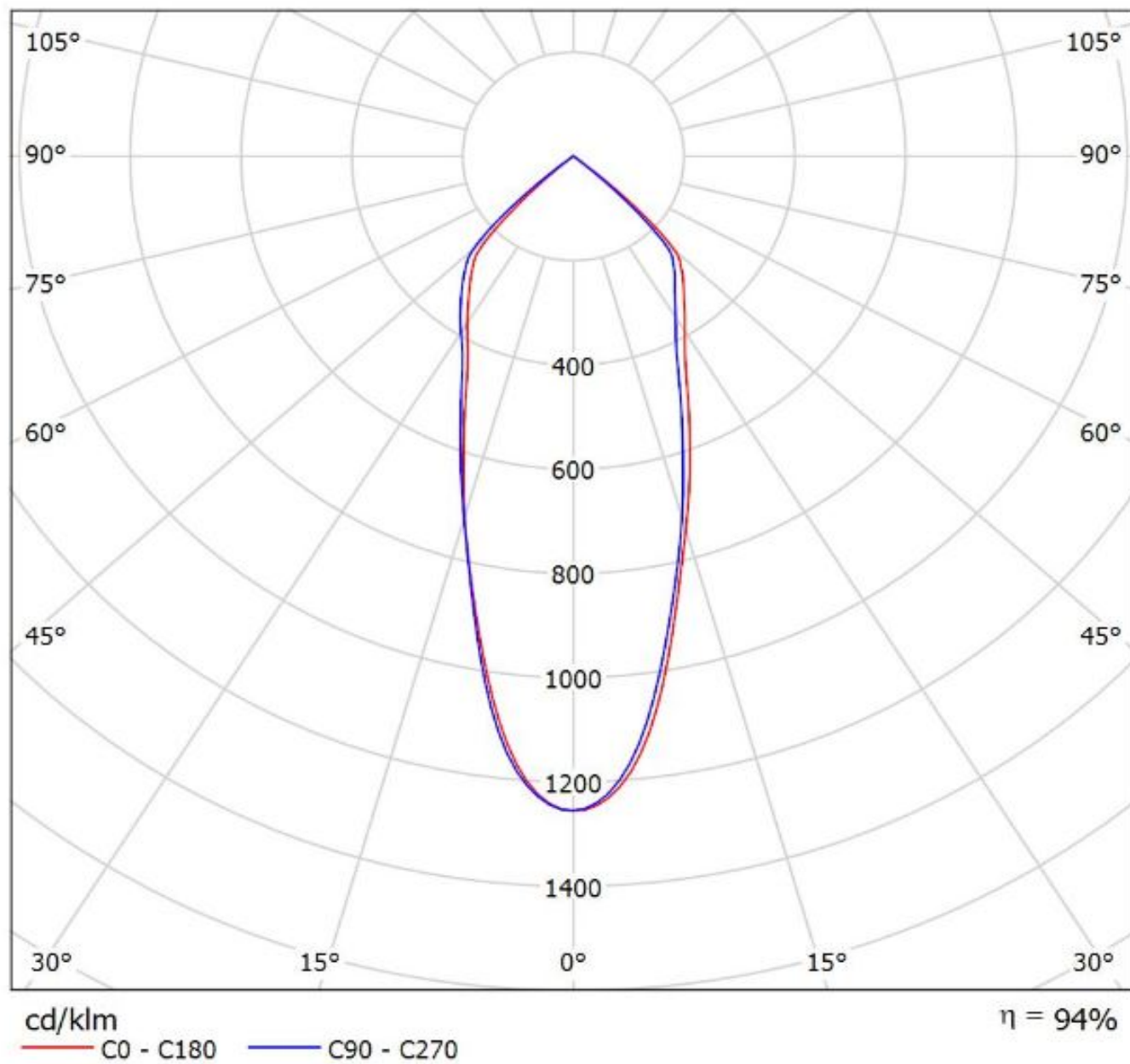
— C0 - C180

— C90 - C270

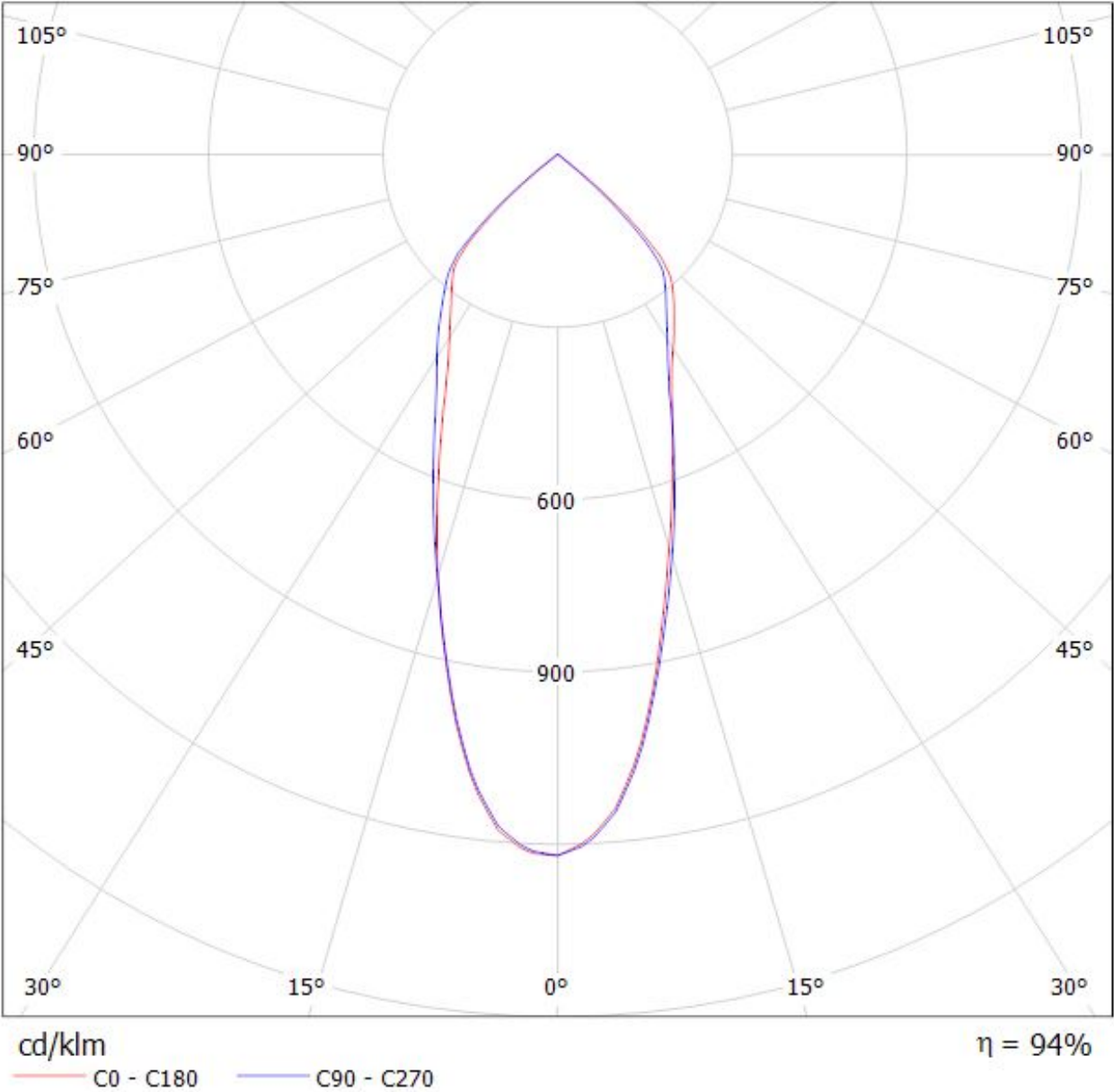
$\eta = 82\%$

Luminaire: LEDiL Oy F13660_ANGELINA-M-B_(SLE-G5_LES-15)

Lamps: 1 x Tridonic_SLE-G5_LES-15_1272.36lm@250mA_P=8.6660W_I=0.250A

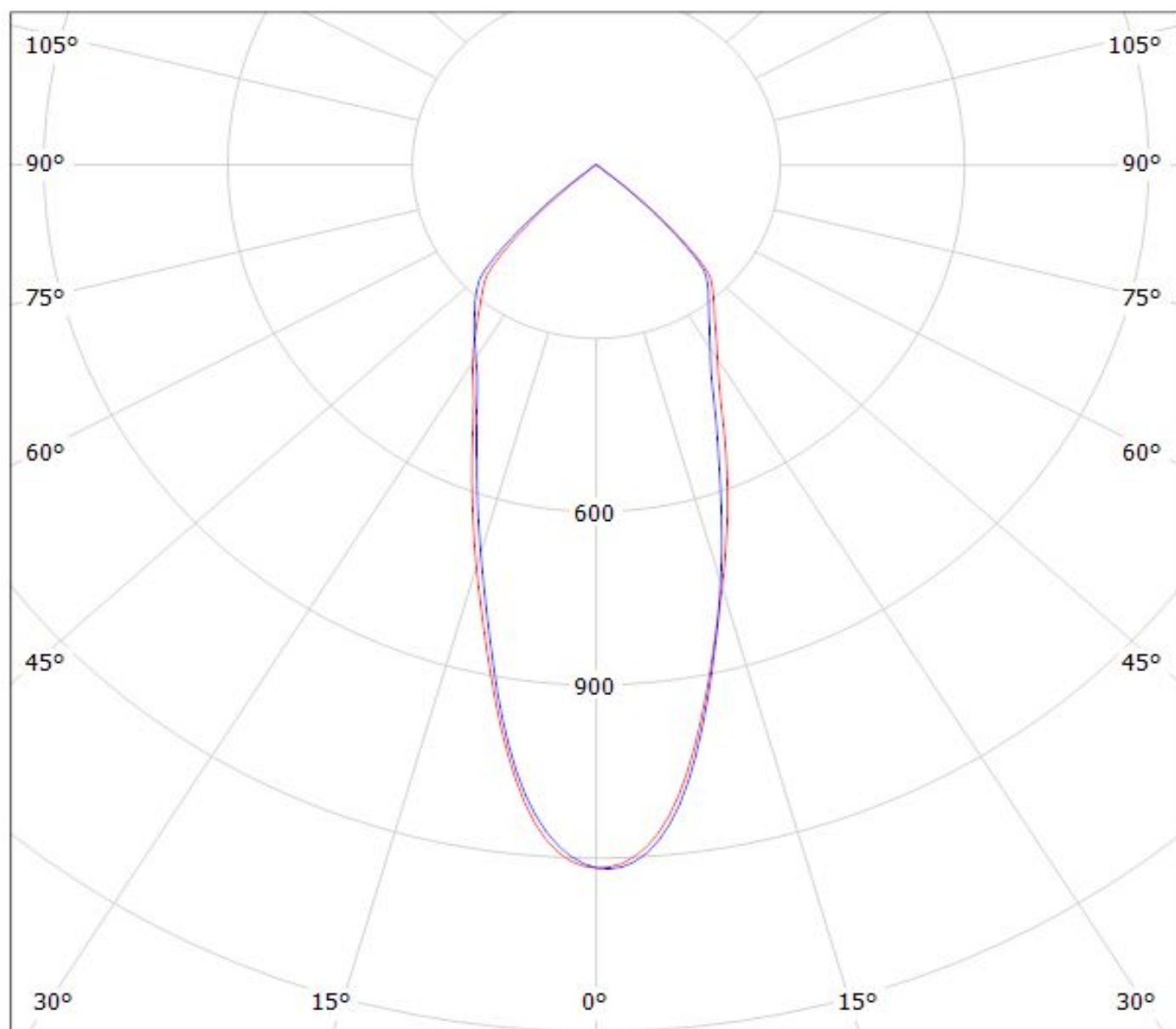


Luminaire: LEDiL Oy F13660_ANGELINA-M-B_(Luxeon_CoB_1208)
Lamps: 1 x Luxeon_CoB_1208_1057.71lm@250mA_P=8.26438W_I=249.8mA



Luminaire: LEDiL Oy F13660_ANGELINA-M-B_(CLU034)

Lamps: 1 x Citizen_CLU034_(CLU034-1205B8-303M1A2)_1159.11lm@250mA_P=8.46586W_I=249.9mA



cd/klm

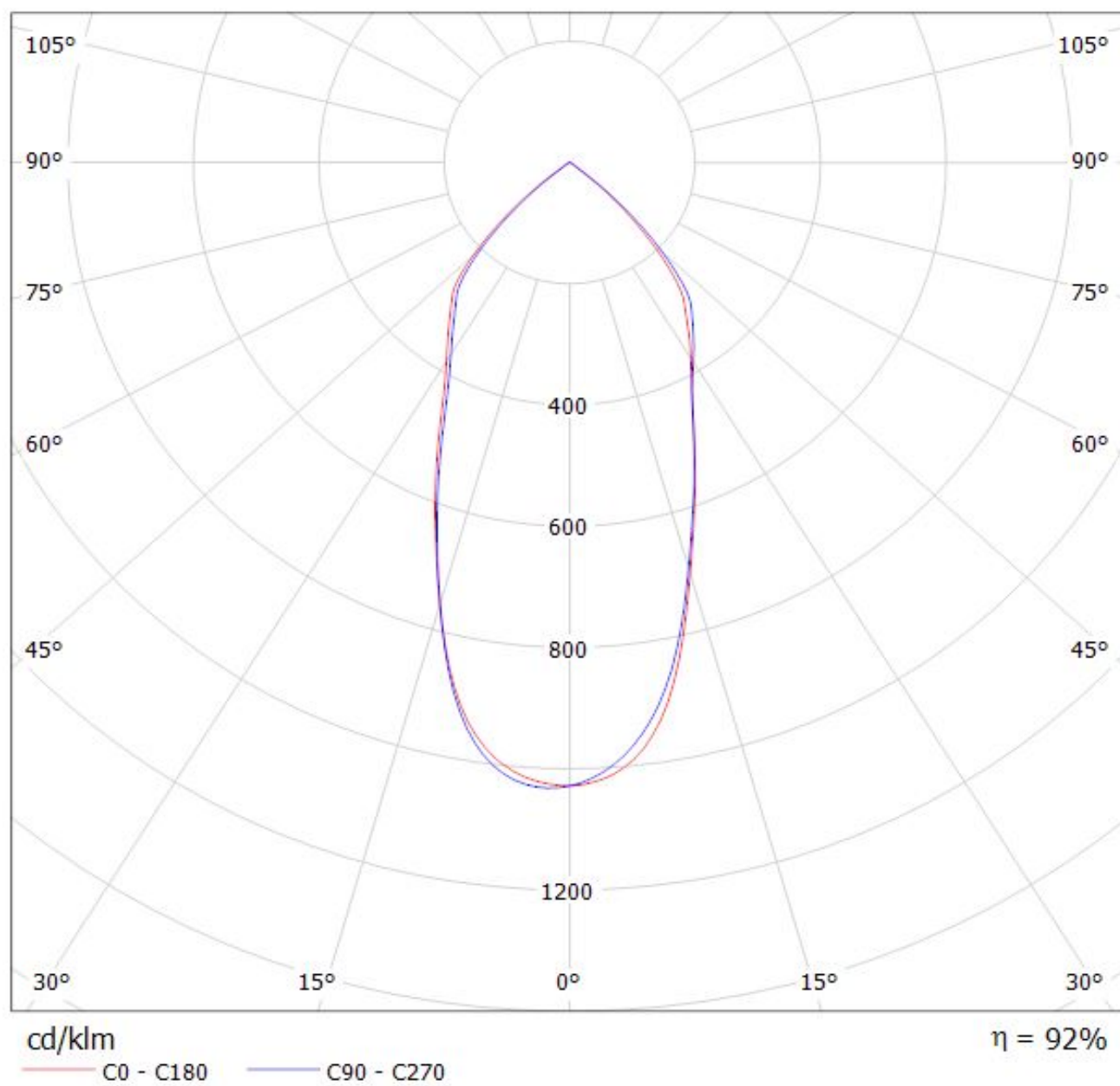
$\eta = 94\%$

C0 - C180

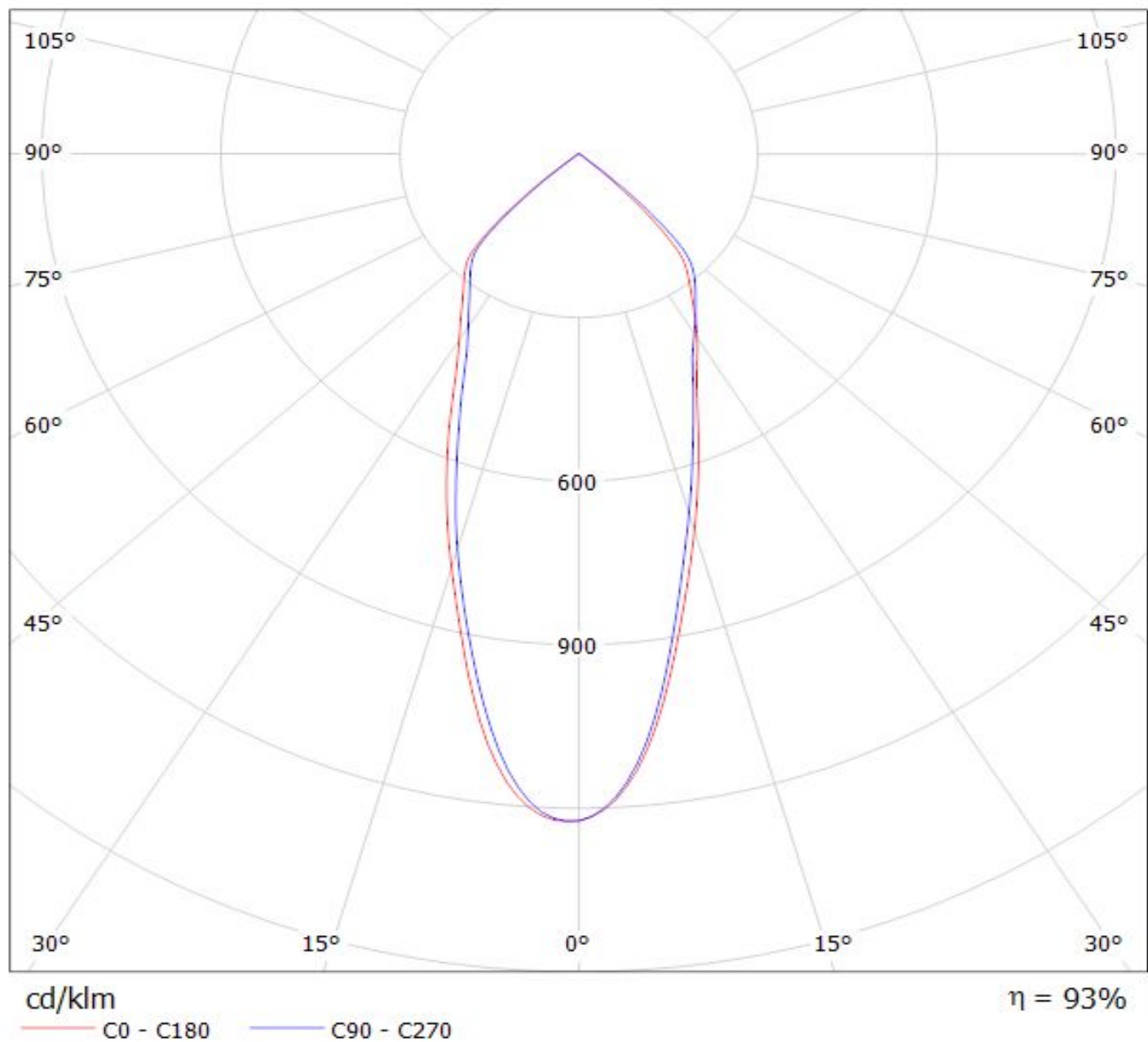
C90 - C270

Luminaire: LEDiL Oy F13660_ANGELINA-M-B_(CLU044)

Lamps: 1 x Citizen_CLU044_(CLU044-1212B8-303M1A2)_1300.9lm@250mA_P=8.14849W_I=249.9mA

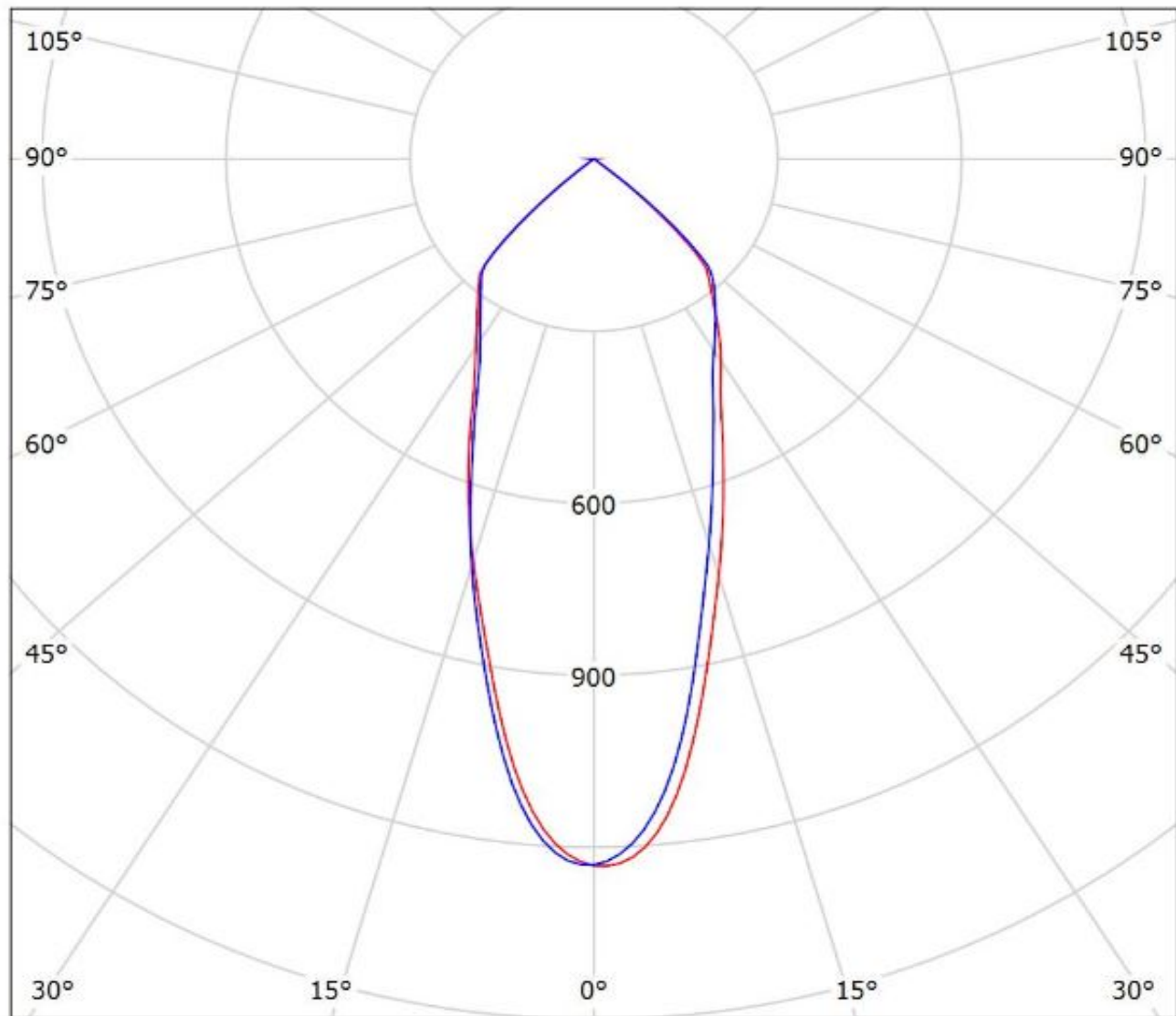


Luminaire: LEDiL Oy F13660_ANGELINA-M-B_(ZC12)
Lamps: 1 x SEOUL_ZC12_(SDW82F1C)_1240.73lm@250mA_P=8.68405W_I=249.8mA



Luminaire: LEDiL Oy F13660_ANGELINA-M-B_(SOLERIQ_P13)

Lamps: 1 x SOLERIQ_P13_(GW_MAGMB1.EM)_1053.65lm@250mA_CCT=3000K_P=8.82044W_I=249.8mA



cd/klm

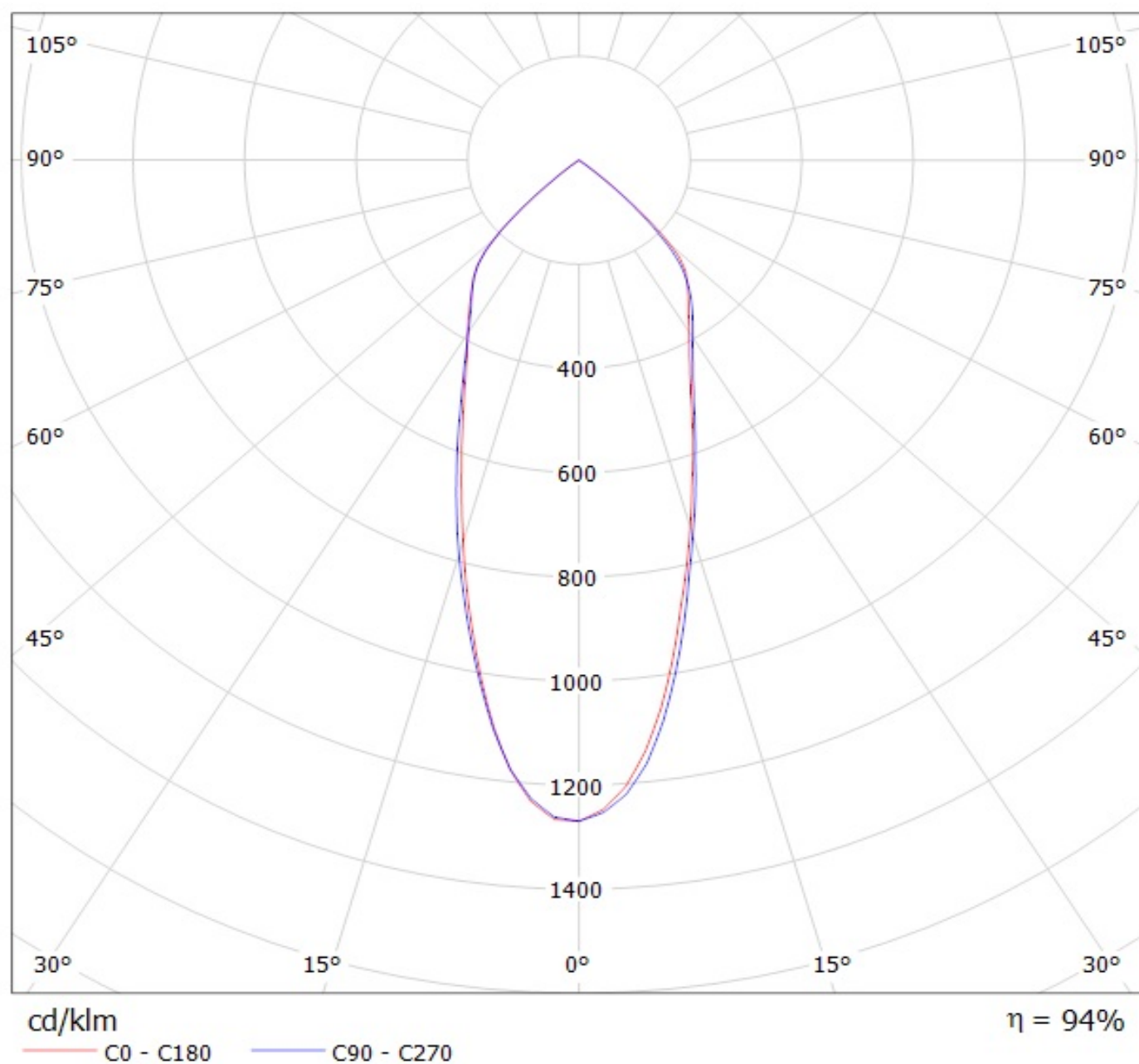
— C0 - C180

— C90 - C270

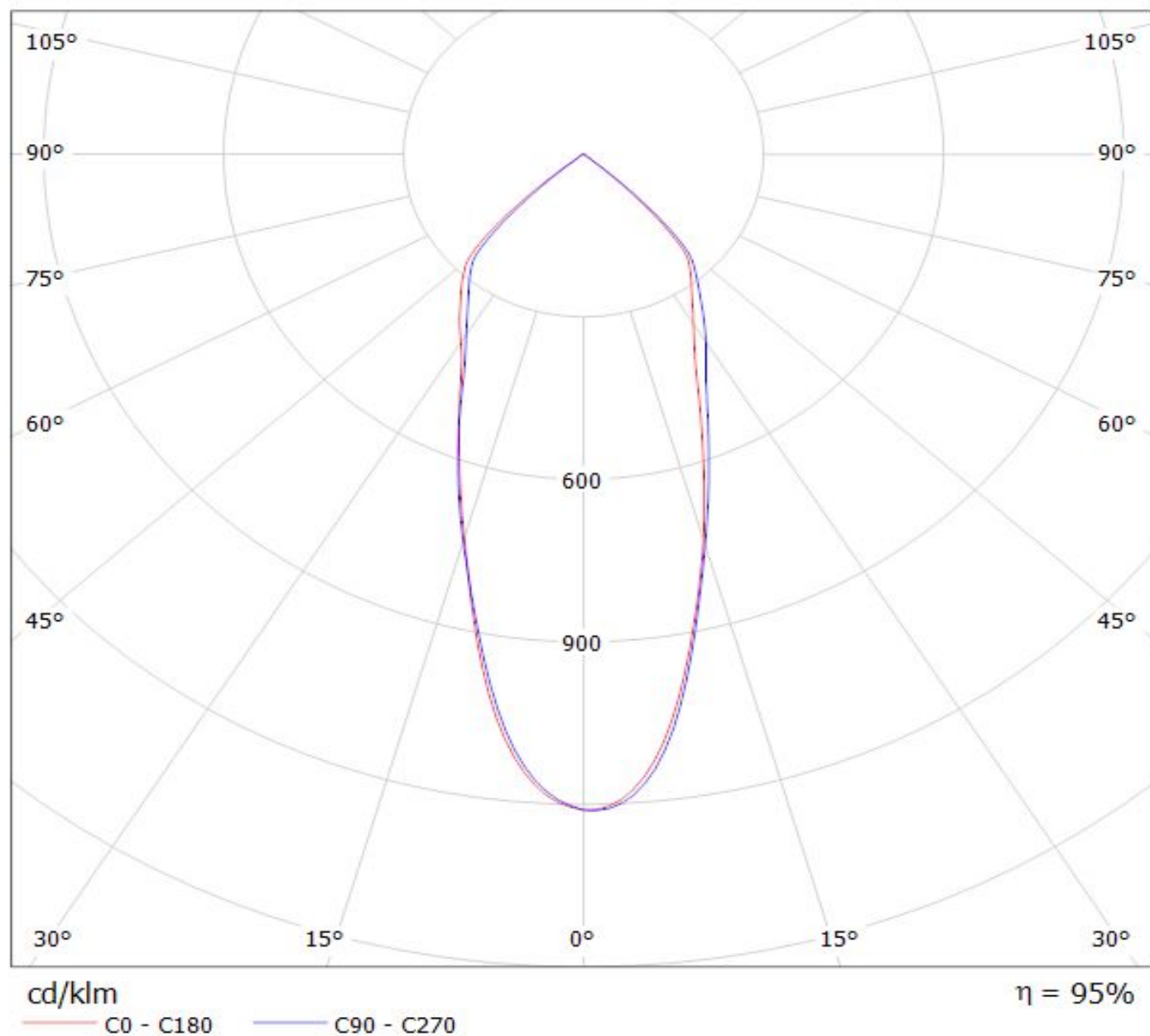
$\eta = 94\%$

Luminaire: LEDil Oy F13660_ANGELINA-M-B_(CXM-14)

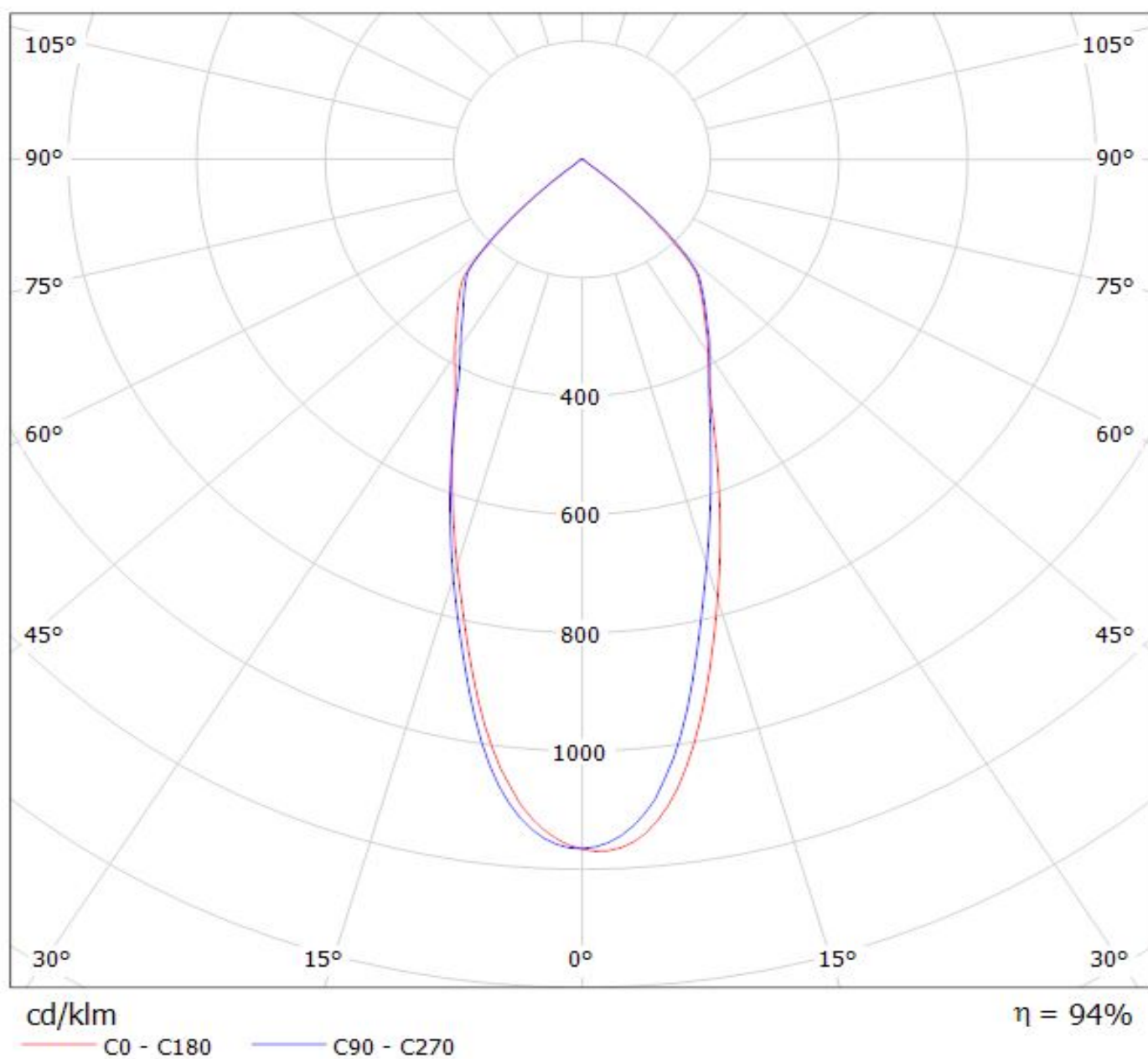
Lamps: 1 x Luminus CXM-14 (1078.95lm @ 250mA) CCT=3100K P=8.5W I=250mA



Luminaire: LEDiL Oy F13660_ANGELINA-M-B_(MegaZenigata_GW6)
Lamps: 1 x Sharp_MegaZenigata_GW6_(GW6DME30NFC)
_1266.19lm@250mA_CCT=3038K_P=11.2151W_I=250.6mA

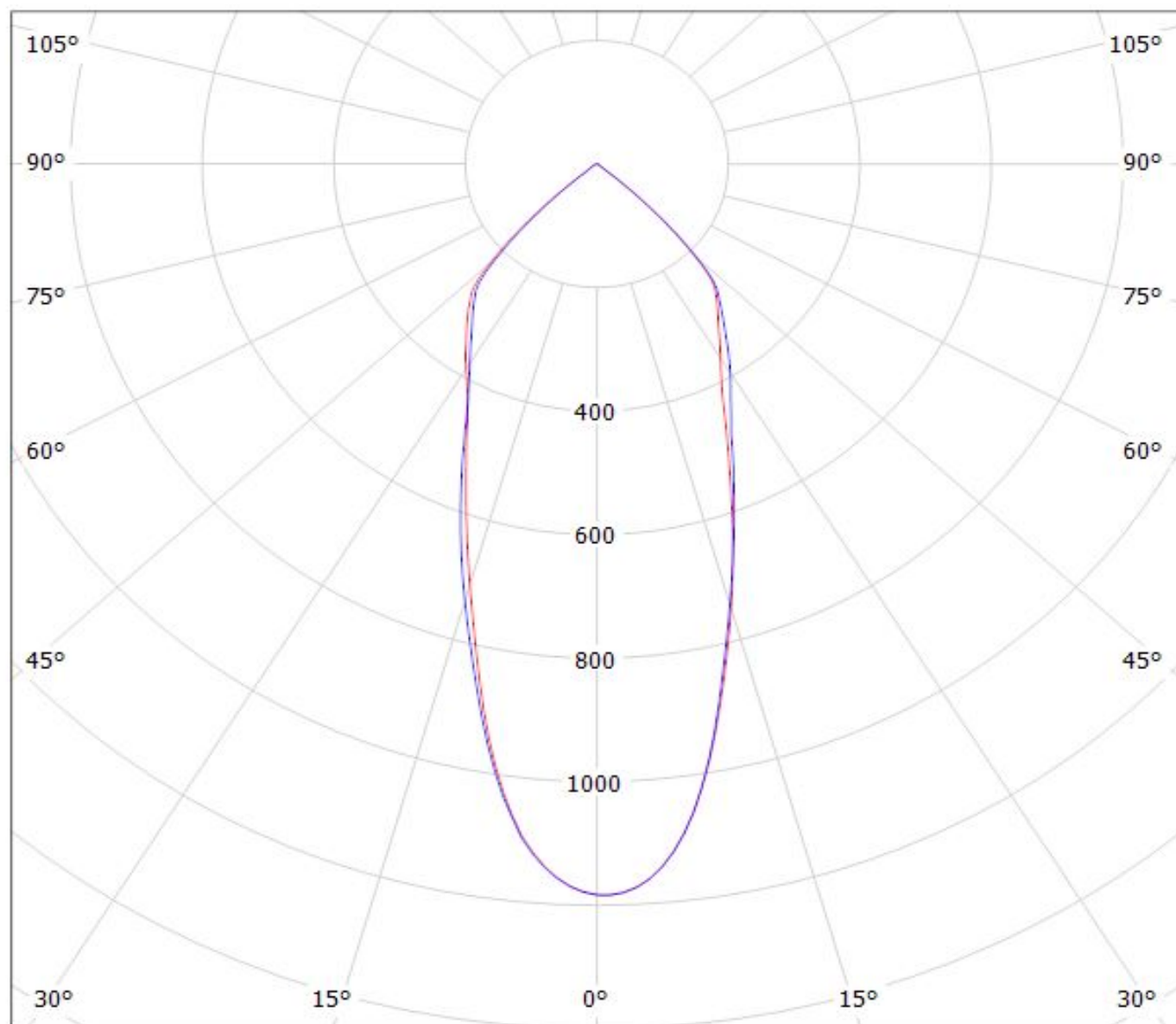


Luminaire: LEDiL Oy F13660_ANGELINA-M-B_(Soleriq S19) Eff.93.8%
Lamps: 1 x OSRAM_SOLERIQ_S19_(GW_KAHJB1.EM)
_1445.44lm@250mA_CCT=3000K_P=10.558W_I=249.8mA



Luminaire: LEDiL Oy F13660_ANGELINA-M-B_(S19) Eff.93.3%

Lamps: 1 x Osram_SOLERIQ_S19_1434.85lm@250mA_P=10.5595W_I=249.8mA



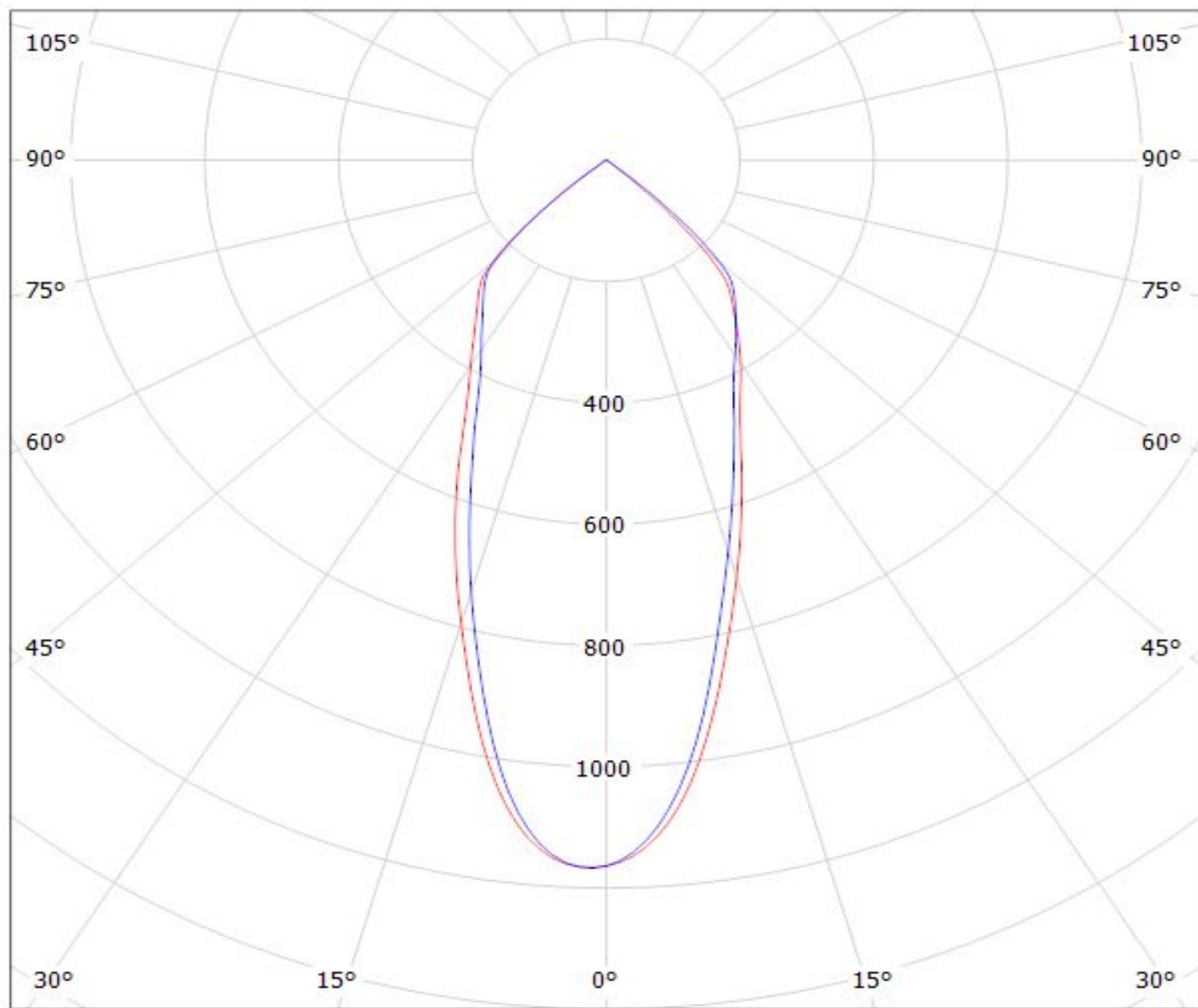
cd/klm

— C0 - C180

— C90 - C270

$\eta = 93\%$

Luminaire: LEDiL Oy F13660_ANGELINA-M-B_(STARK_SLE_G3_LES17)
Lamps: 1 x TRIDONIC_STARK_SLE_G3_LES17_(STARK-SLE-PURE_G3-17-2000-840-CLA)
_1030.26lm@250mA_CCT=2000K_P=8.34707W_I=249.8mA



cd/klm

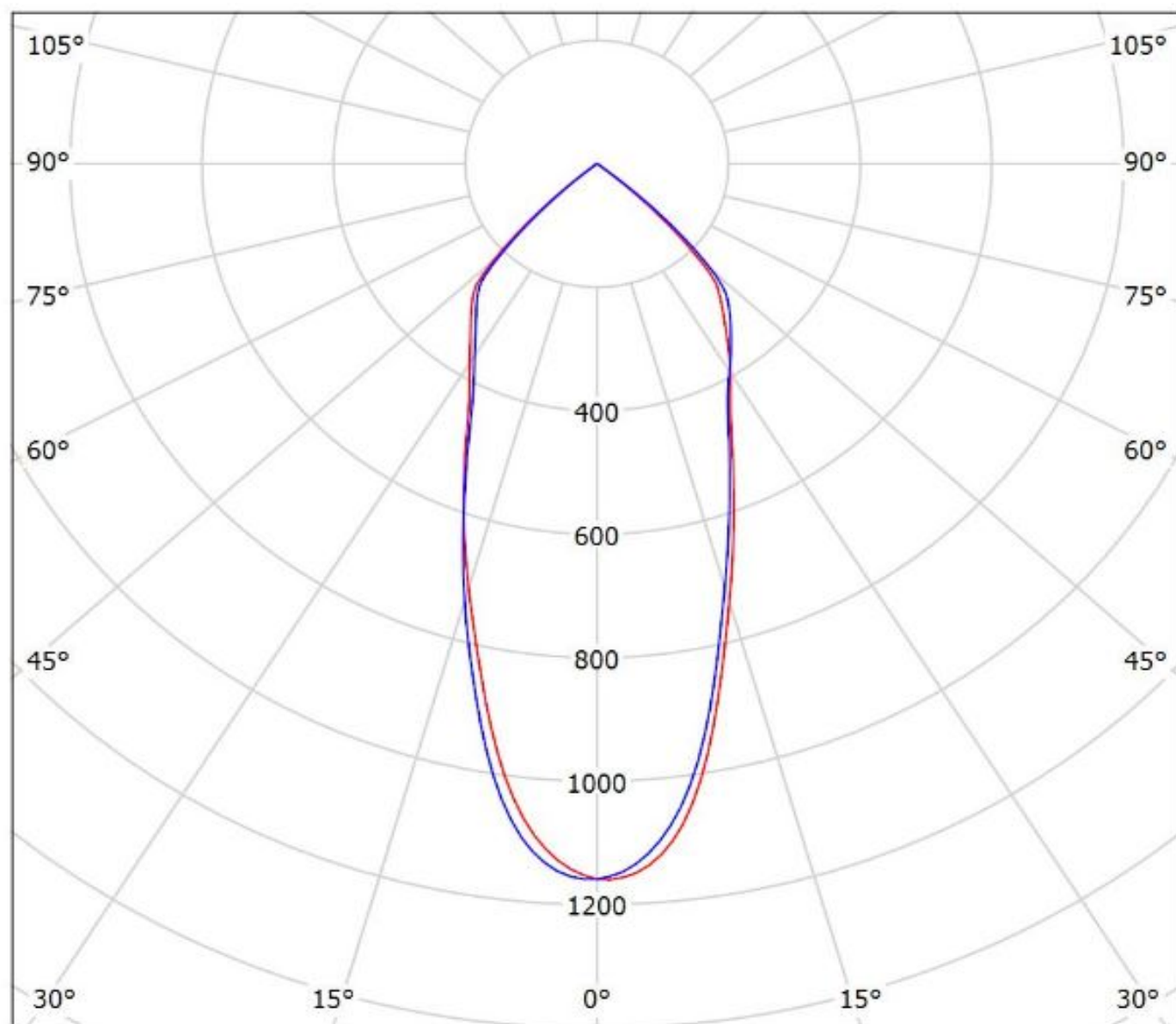
$\eta = 93\%$

— C0 - C180

— C90 - C270

Luminaire: Ledil F13660_ANGELINA-M-B_(V15+BJB)

Lamps: 1 x Bridgelux_V15_+47.319.2224_1096.43lm@250mA_P=8.2647W_I=0.25A



cd/klm

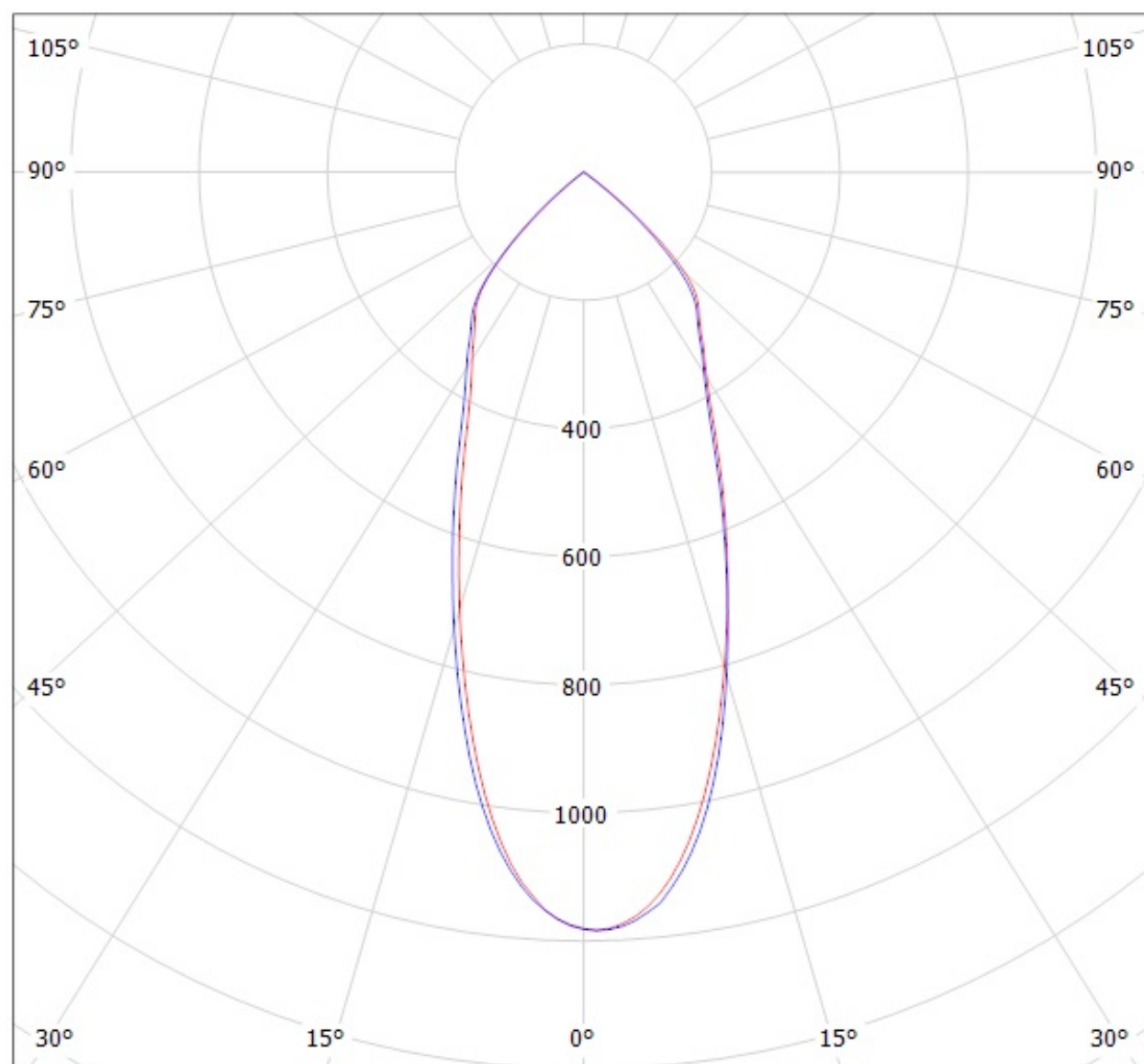
— C0 - C180

— C90 - C270

$\eta = 93\%$

Luminaire: LEDiL Oy C13660_ANGELINA-M-B_(Soleriq-E30) Eff: 90 %

Lamps: 1 x Osram Soleriq E30 (QW KAJRB2.EM-TPTR-50H4) 1358.6lm@250mA_P=10.2338W_I=0.2498mA

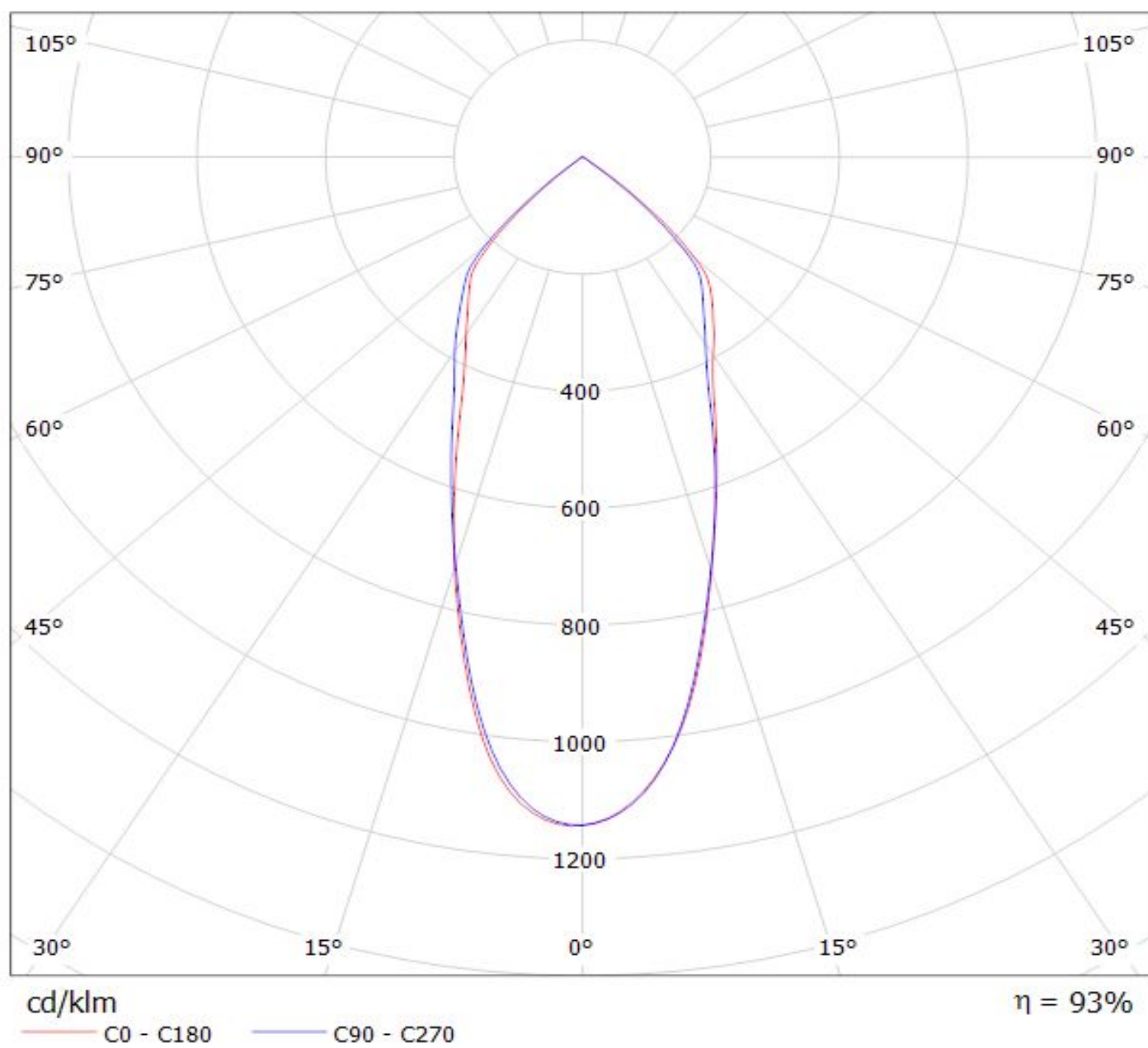


cd/klm

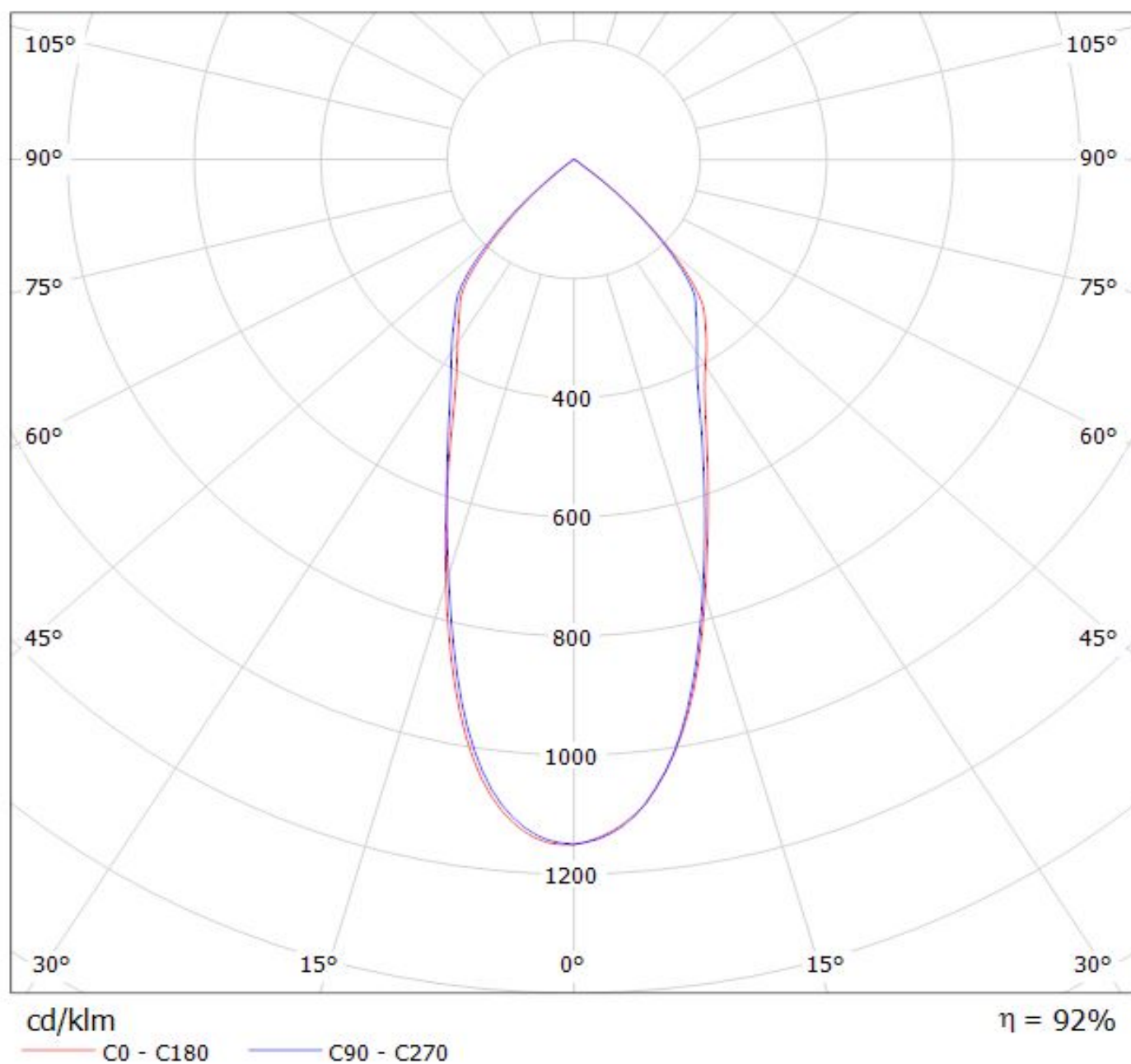
— C0 - C180

— C90 - C270

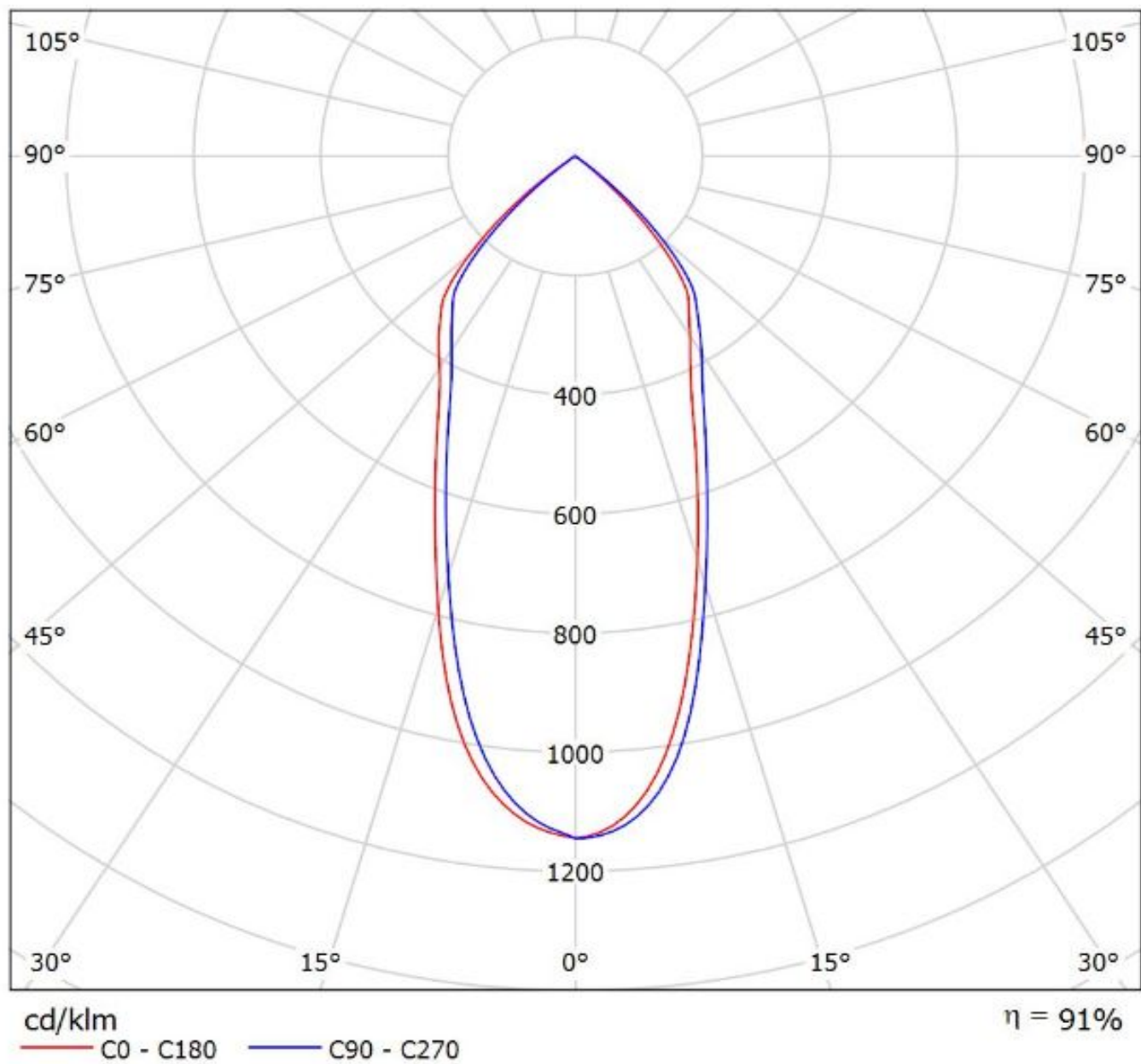
Luminaire: LEDiL Oy F13660_ANGELINA-M-B_(CXA2590)
Lamps: 1 x CREE_CXA2590_(CXA2590-30F-Z4-RPH-00001)
_837.275lm@100mA_CCT=3000K_P=6.36316W_I=100.1mA



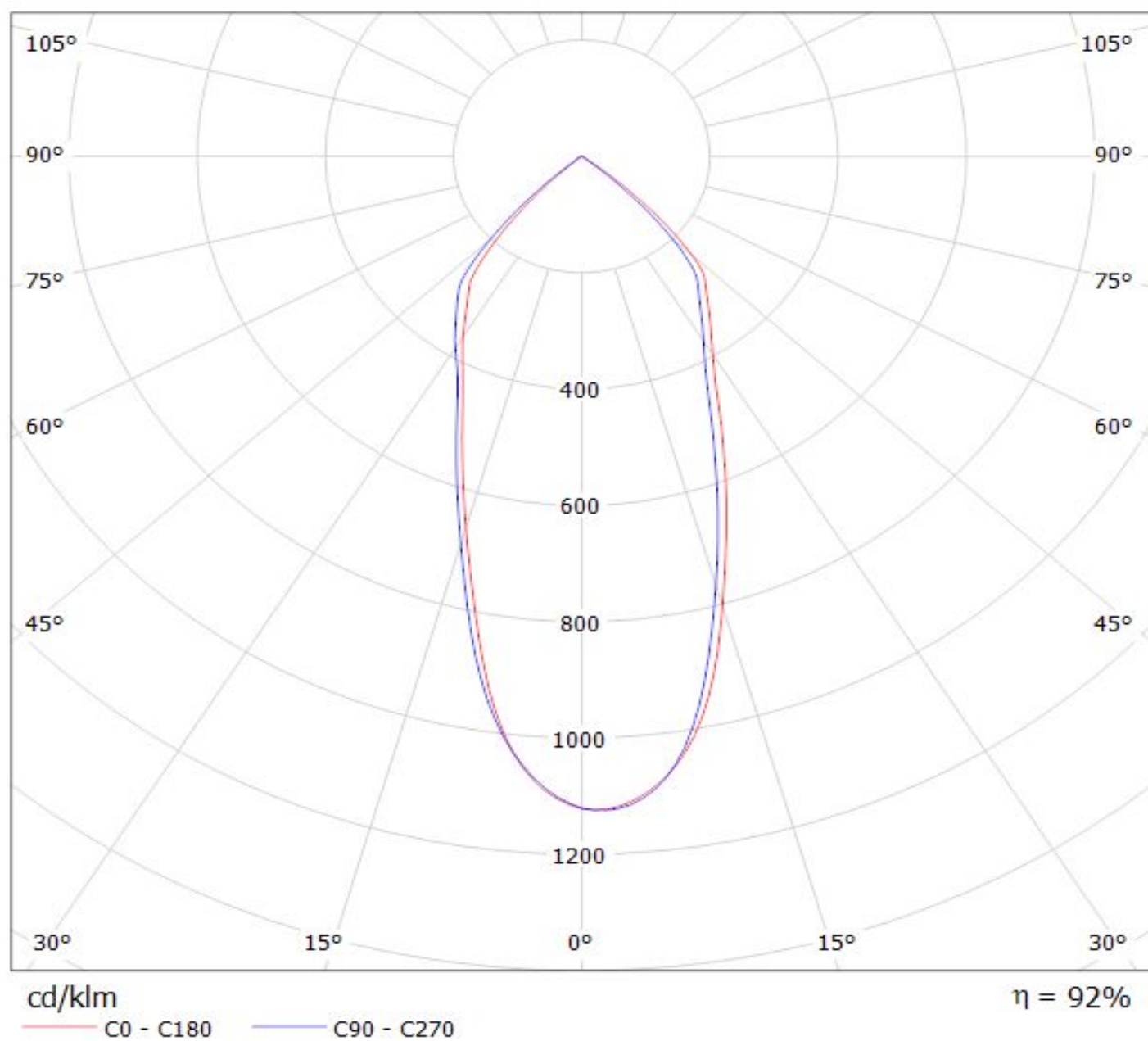
Luminaire: LEDiL Oy F13660_ANGELINA-M-B_(SLE G4 LES23)
Lamps: 1 x Tridonic_SLE_G4_LES23_1428.75lm@250mA_P=8.19944W_I=0.2498A



Luminaire: LEDiL Oy F13660_ANGELINA-M-B_(SLE-G5_LES-23)
Lamps: 1 x Tridonic_SLE-G5_LES-23_1371.74lm@250mA_P=8.1065W_I=0.250A



Luminaire: LEDiL Oy F13660_ANGELINA-M-B_(Luxeon_CoB_1211)
Lamps: 1 x LUXEON_COB_1211_(LHC1-2790-1211)
_923.583lm@250mA_CCT=2700K_P=8.00909W_I=249.8mA

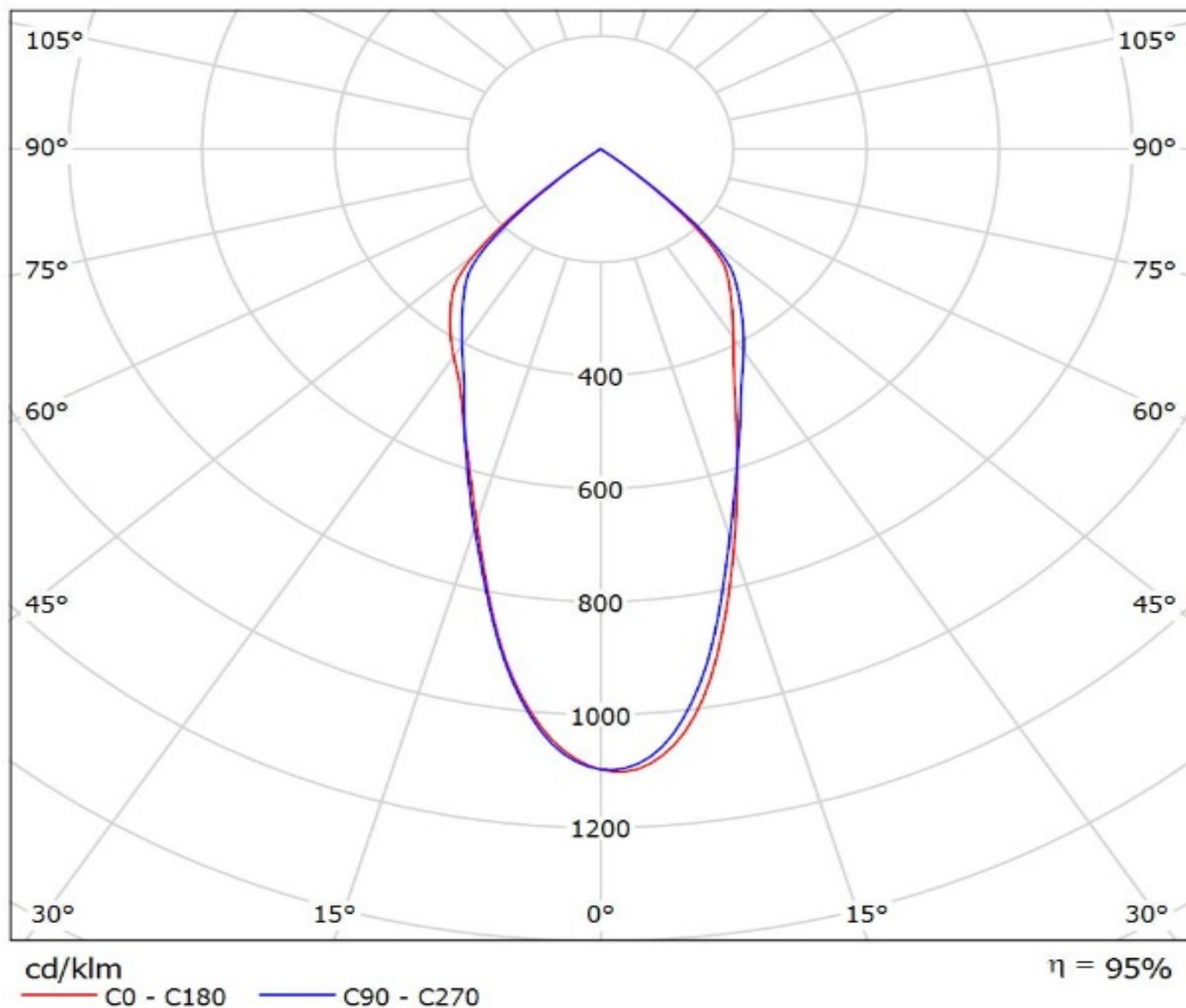


Ledil F13660_ANGELINA-M-B_(Luxeon_K16)_(47_319_2070) / LDC (Polar)

Luminaire: Ledil F13660_ANGELINA-M-B_(Luxeon_K16)_(47_319_2070)

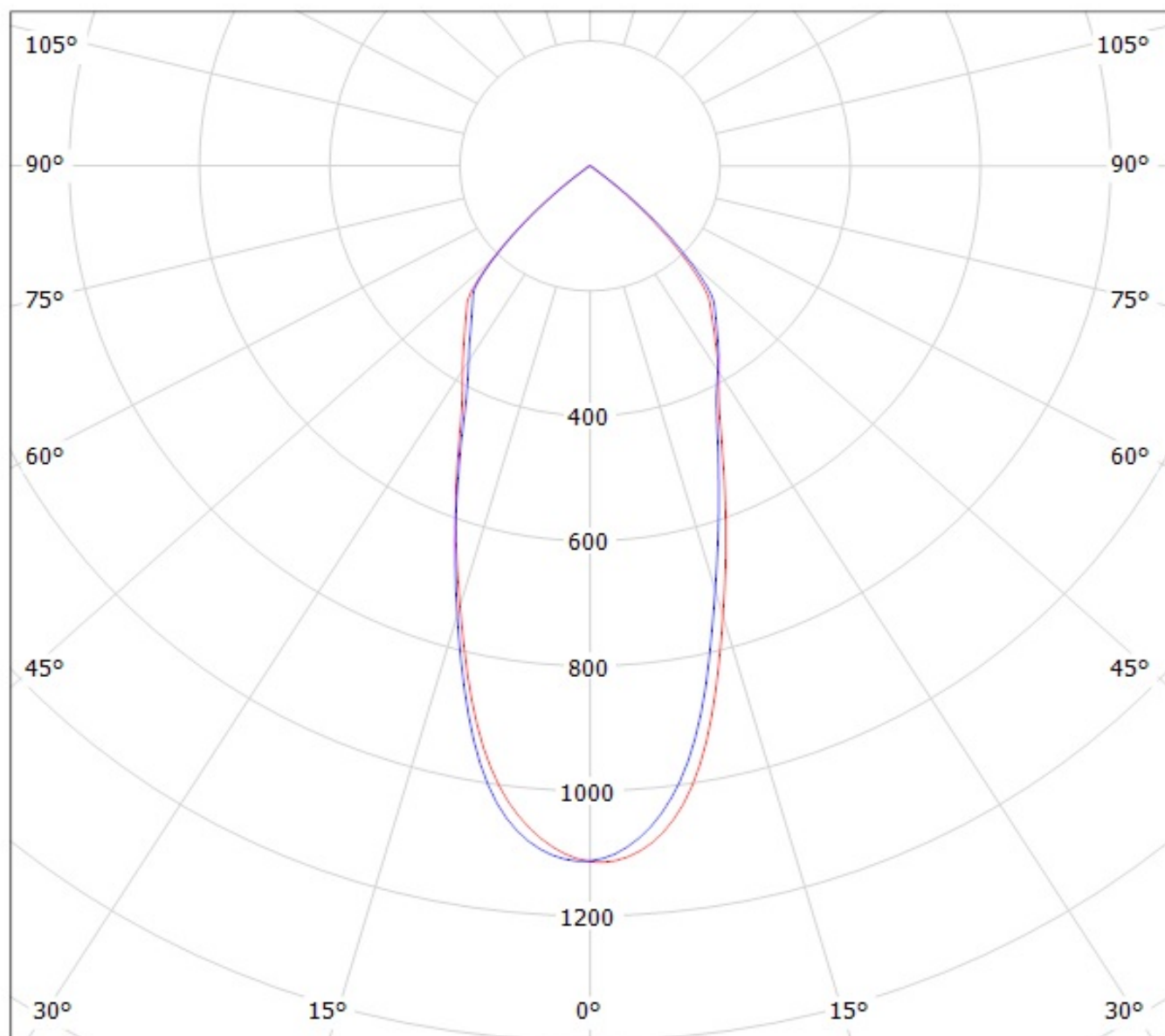
Lamps: 1 x Philips_Lumileds_Luxeon_K16_(BJB.47.319.2070)

_1276.25lm@250mA_P=10.95525W_I=0.250A



Luminaire: LEDiL Oy F13660_ANGELINA-M-B_(Luxeon_CoB_1211)_(BJB2030) 82

Lamps: 1 x Luxeon_CoB_1211_(LHC1-5780-1211)_(BJB2030)_1330.16lm@250mA_P=8.03503W_I=0.2499A



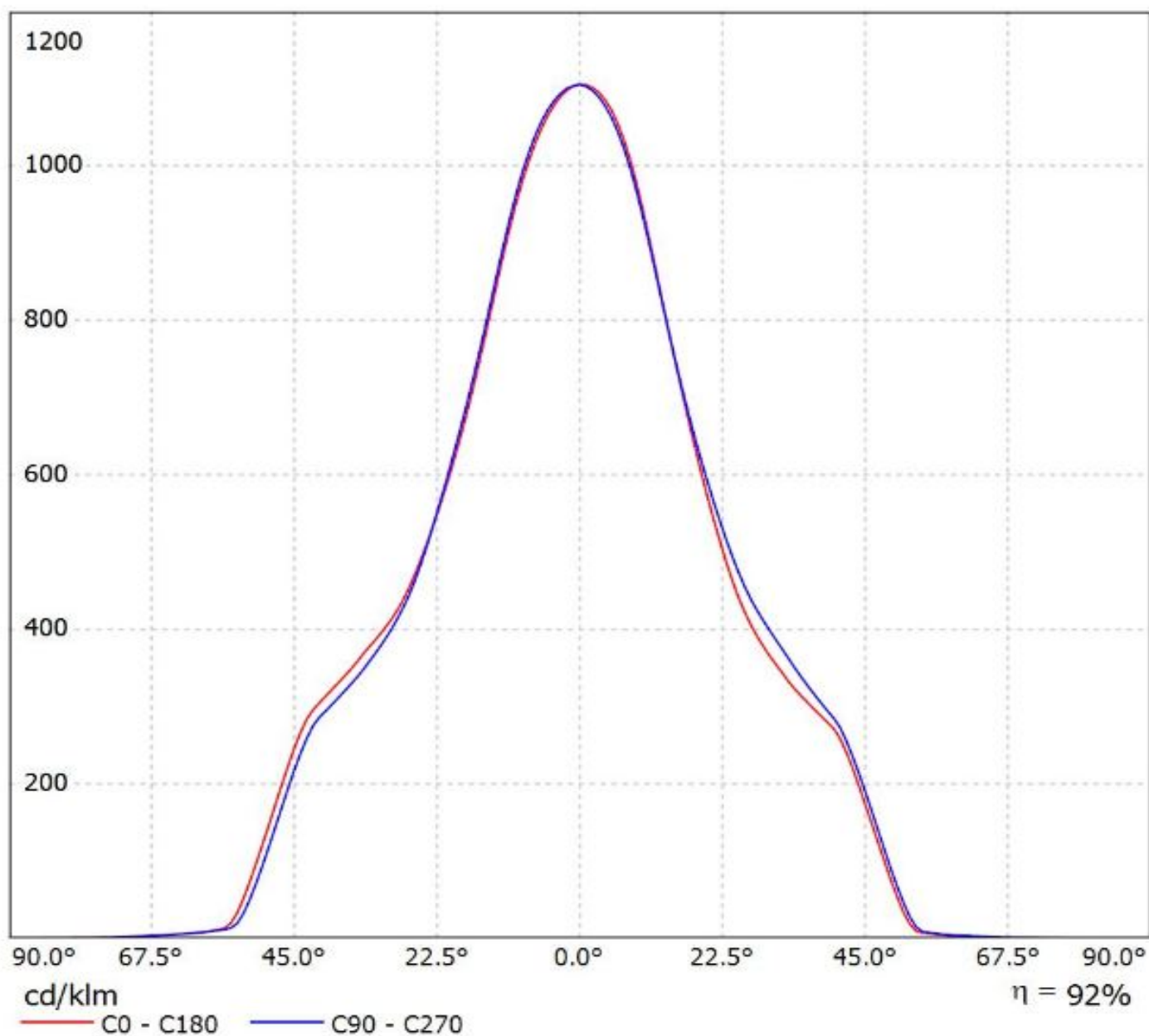
cd/klm

— C0 - C180

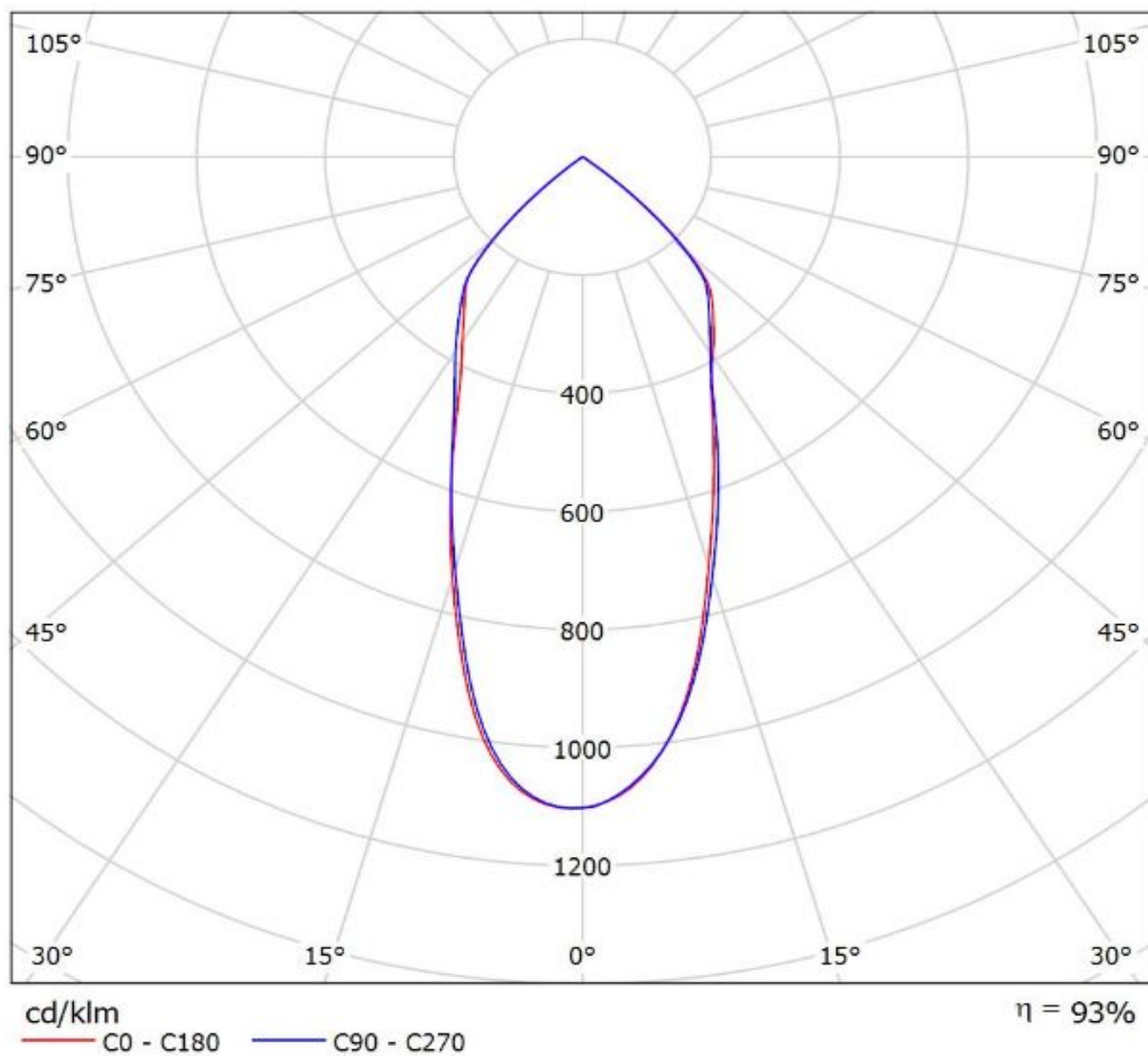
— C90 - C270

$\eta = 92\%$

Luminaire: Ledil F13660_ANGELINA-M-B_(CXB2540+_BJB_47.319.2140)
Lamps: 1 x CREE_CXB2540_(-40G-W4-N0H-00002)
+_BJB_47.319.2140_1412.99lm@250mA_CCT=40000K_P=8.1310W_I=0.25A

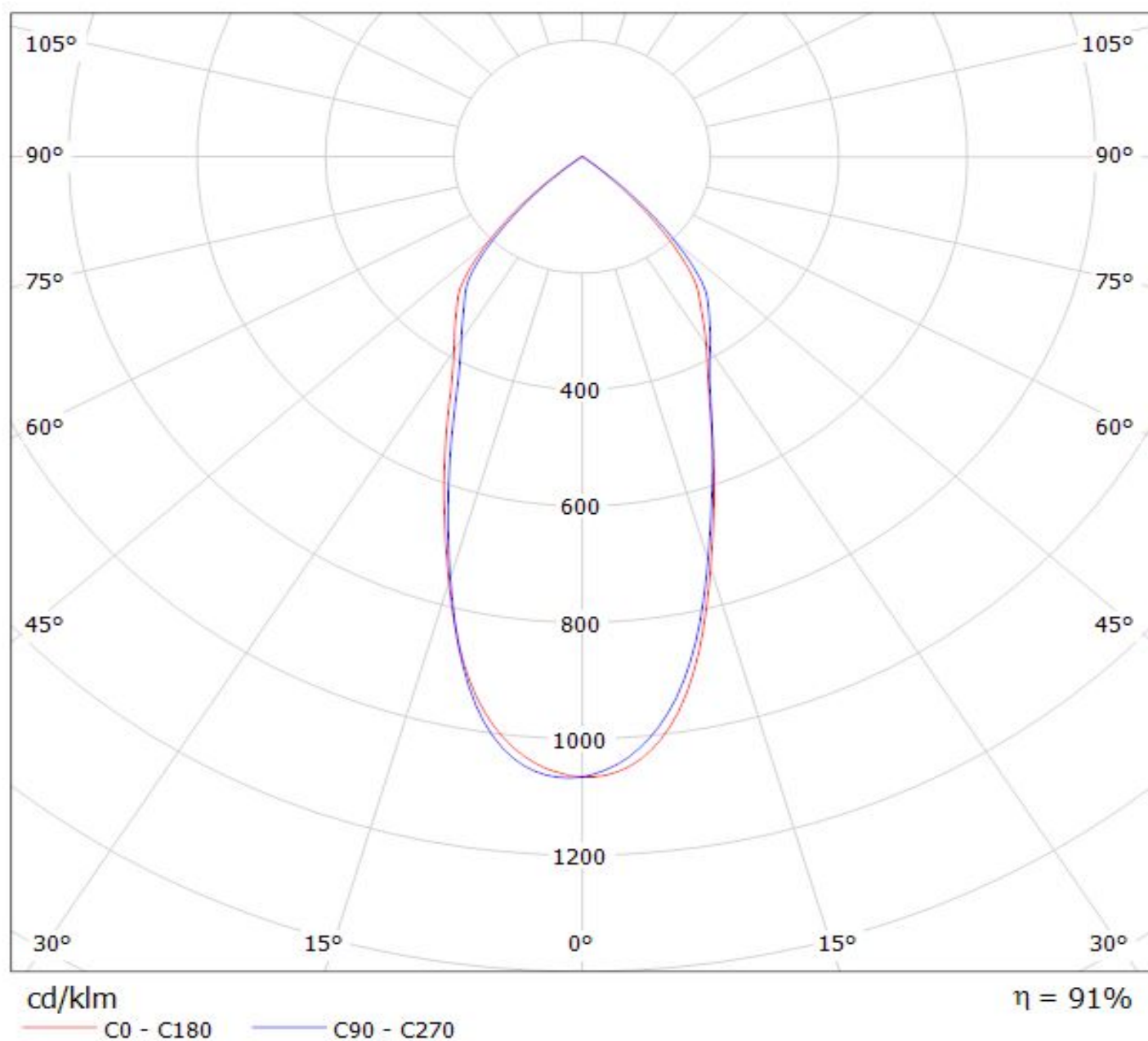


Luminaire: Ledil F13660_ANGELINA-M-B_(V18+BJB)
Lamps: 1 x Bridgelux_V18_(BXRC-30E4000-F-23)
_+47.319.2274_1094.62lm@250mA_CCT=3000K_P=6.875W_I=0.25A

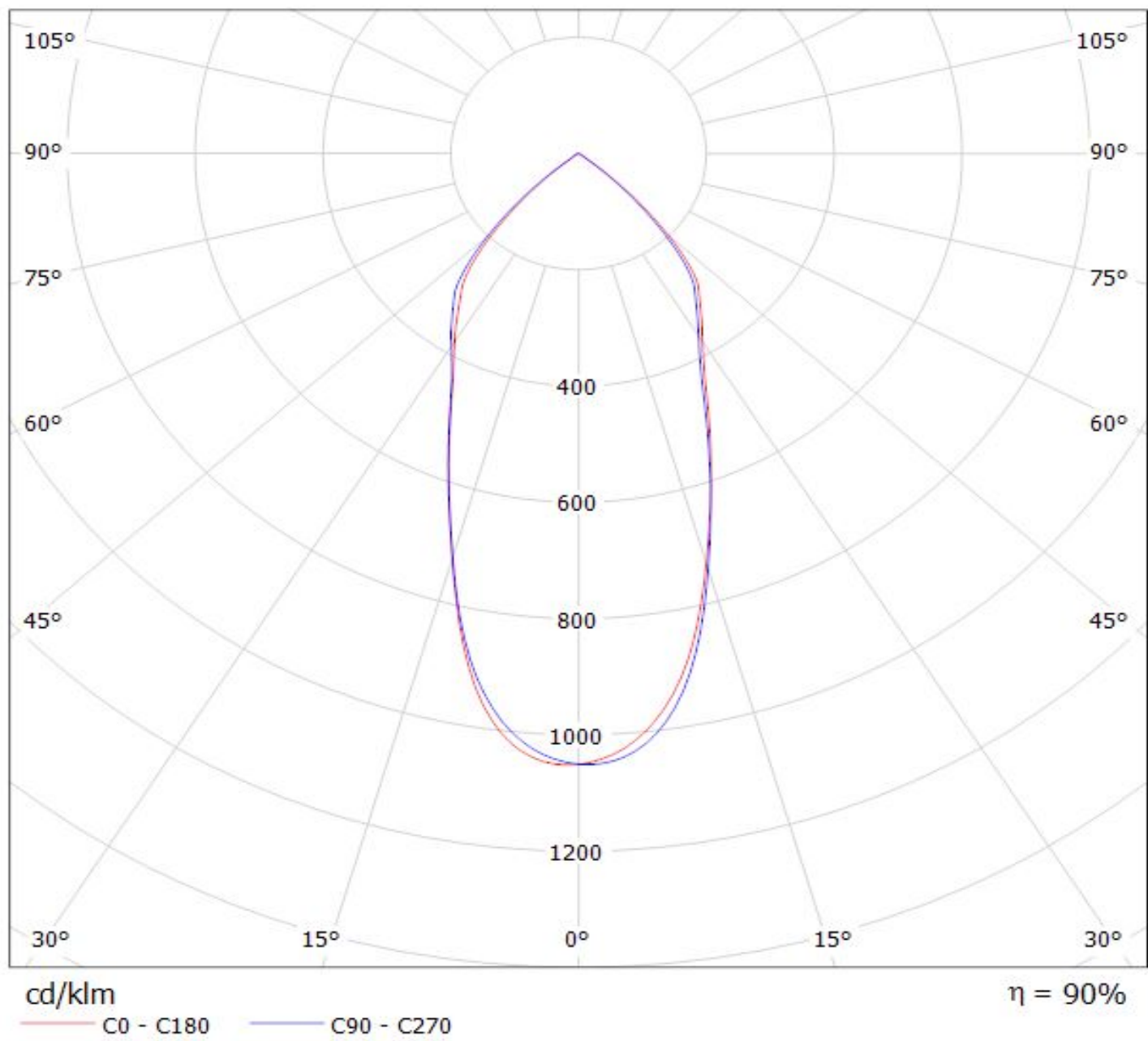


Luminaire: LEDiL Oy F13660_ANGELINA-M-B_(CXA30)

Lamps: 1 x Cree_CXA30_(CXA3050-3C0-Y2-N0H)_1395.36lm@250mA_P=8.20318W_I=249.8mA

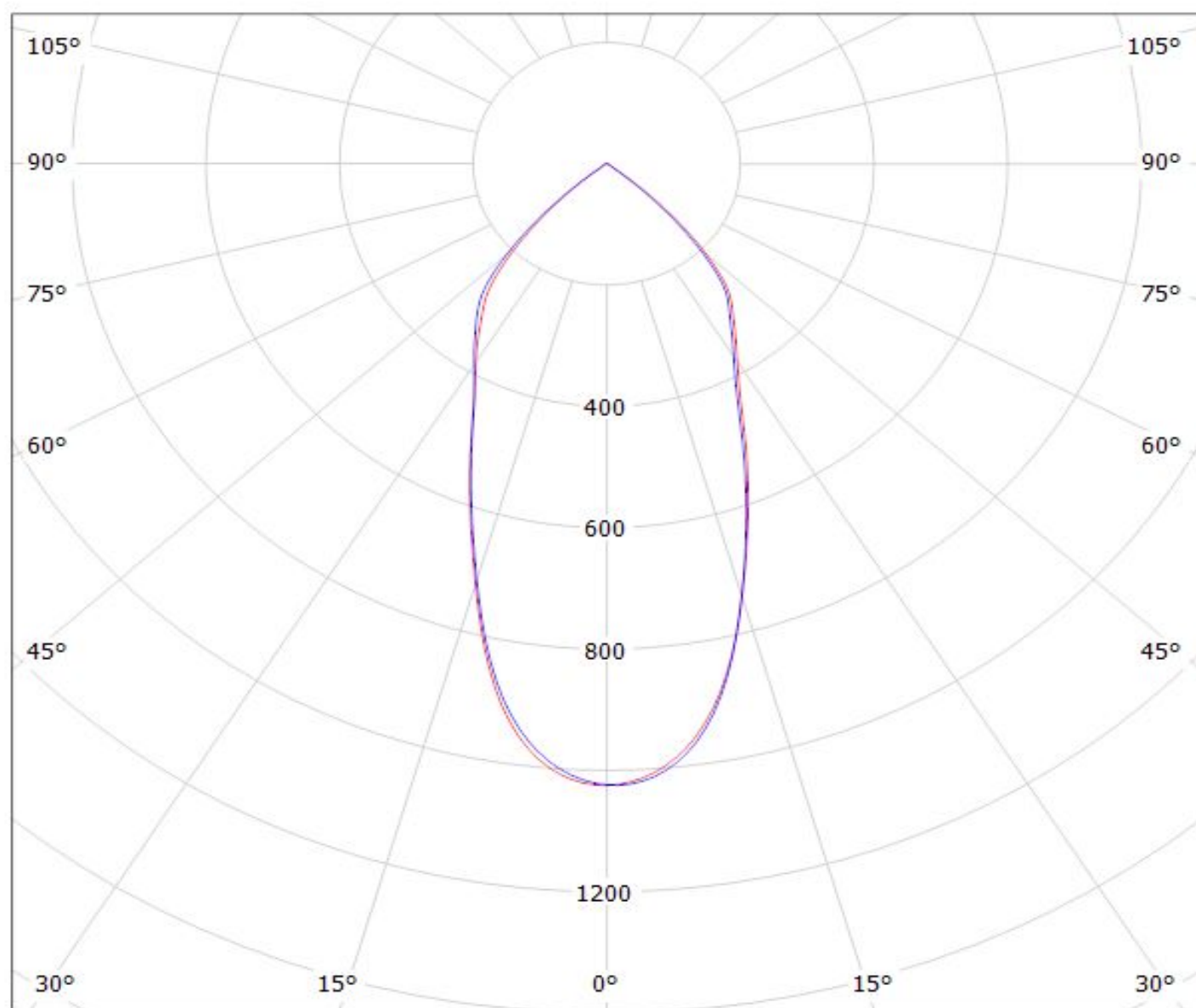


Luminaire: LEDiL Oy F13660_ANGELINA-M-B_(COB_40W)
Lamps: 1 x LG_COB_40W_1163.31lm@250mA_CCT=3000K_P=8.04906W_I=249.8mA



Luminaire: LEDiL Oy F13660_ANGELINA-M-B_(ZC40)

Lamps: 1 x SEOUL_ZC40_(SBWW5F1B)_1185.55lm@250mA_P=8.2384W_I=249.8mA



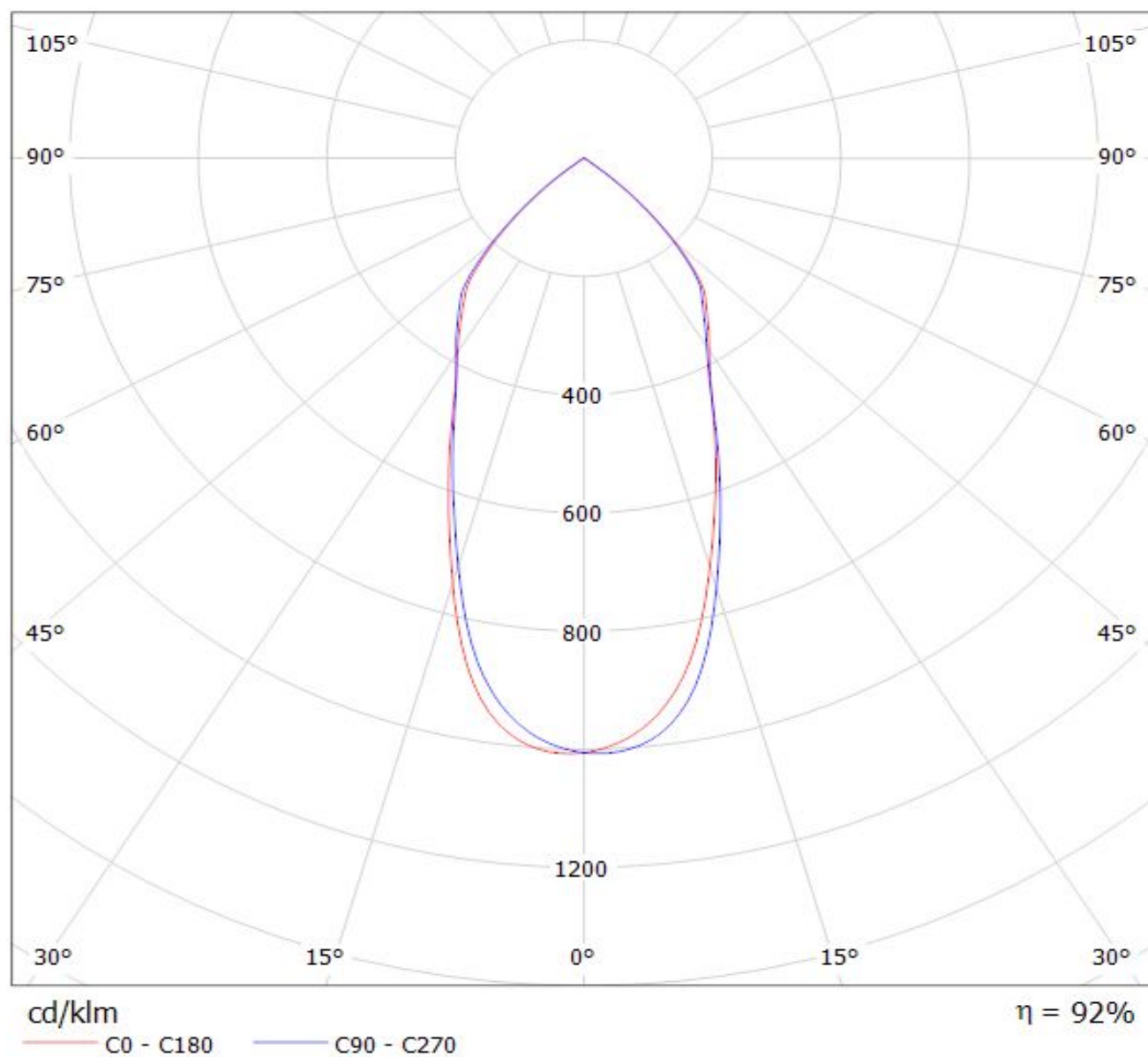
cd/klm

C0 - C180

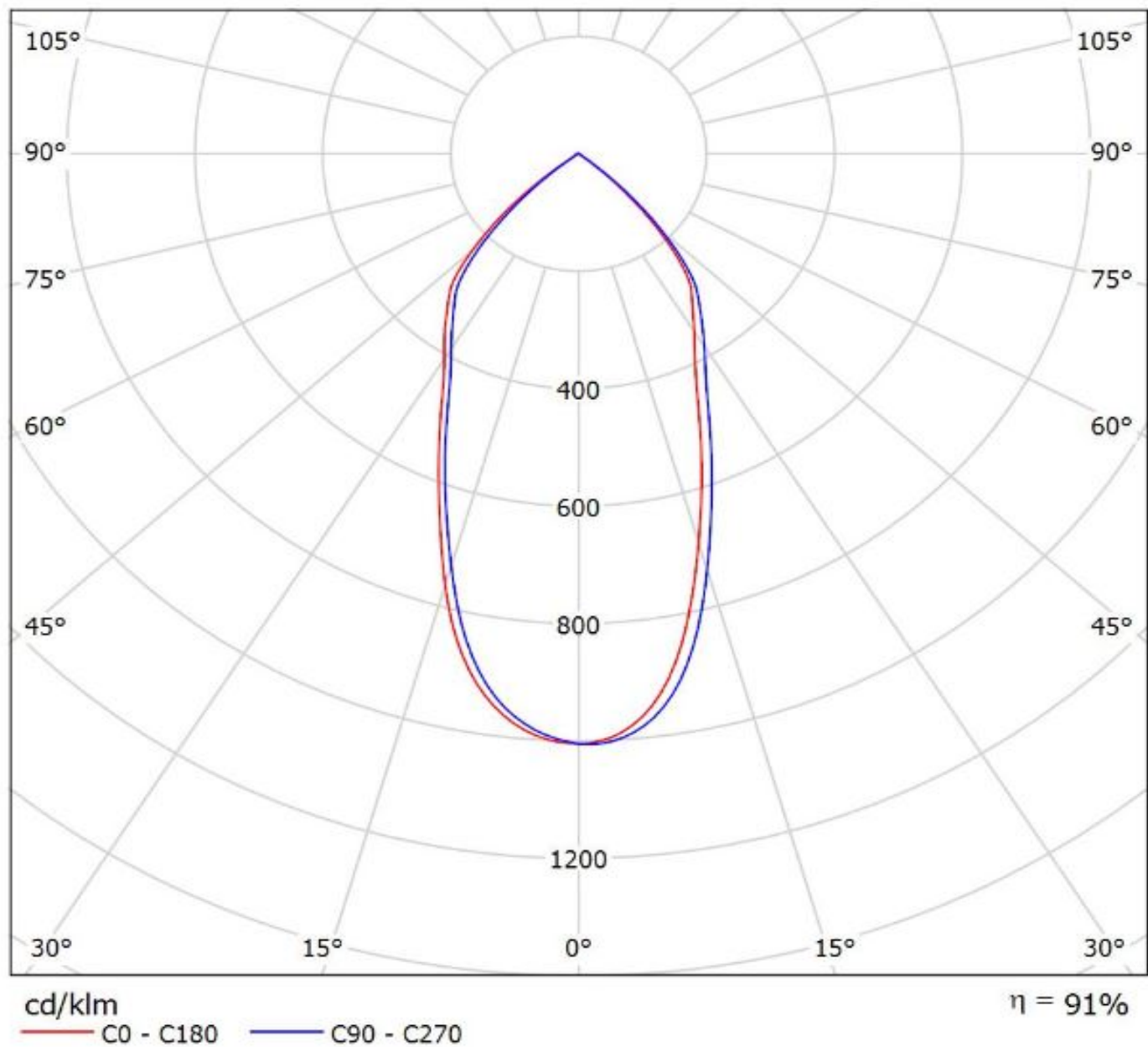
C90 - C270

$\eta = 92\%$

Luminaire: LEDiL Oy F13660_ANGELINA-M-B_(CXM-22) Eff.91.8%
Lamps: 1 x LUMINUS_CXM-22_1221.8lm@250mA_P=8.00809W_CCT=3000K_I=249.8mA



Luminaire: Ledil F13660_ANGELINA-M-B_(CoB_1216)
Lamps: 1 x Luxeon_CoB_1216_(L2C2-40801216E2300)_1478.53lm@250mA_P=8.0068W_I=0.25A



NOTE: The typical divergence will be changed by different color, chip size and chip position tolerance. The typical total divergence is the full angle measured where the luminous intensity is half of the peak value.

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.