

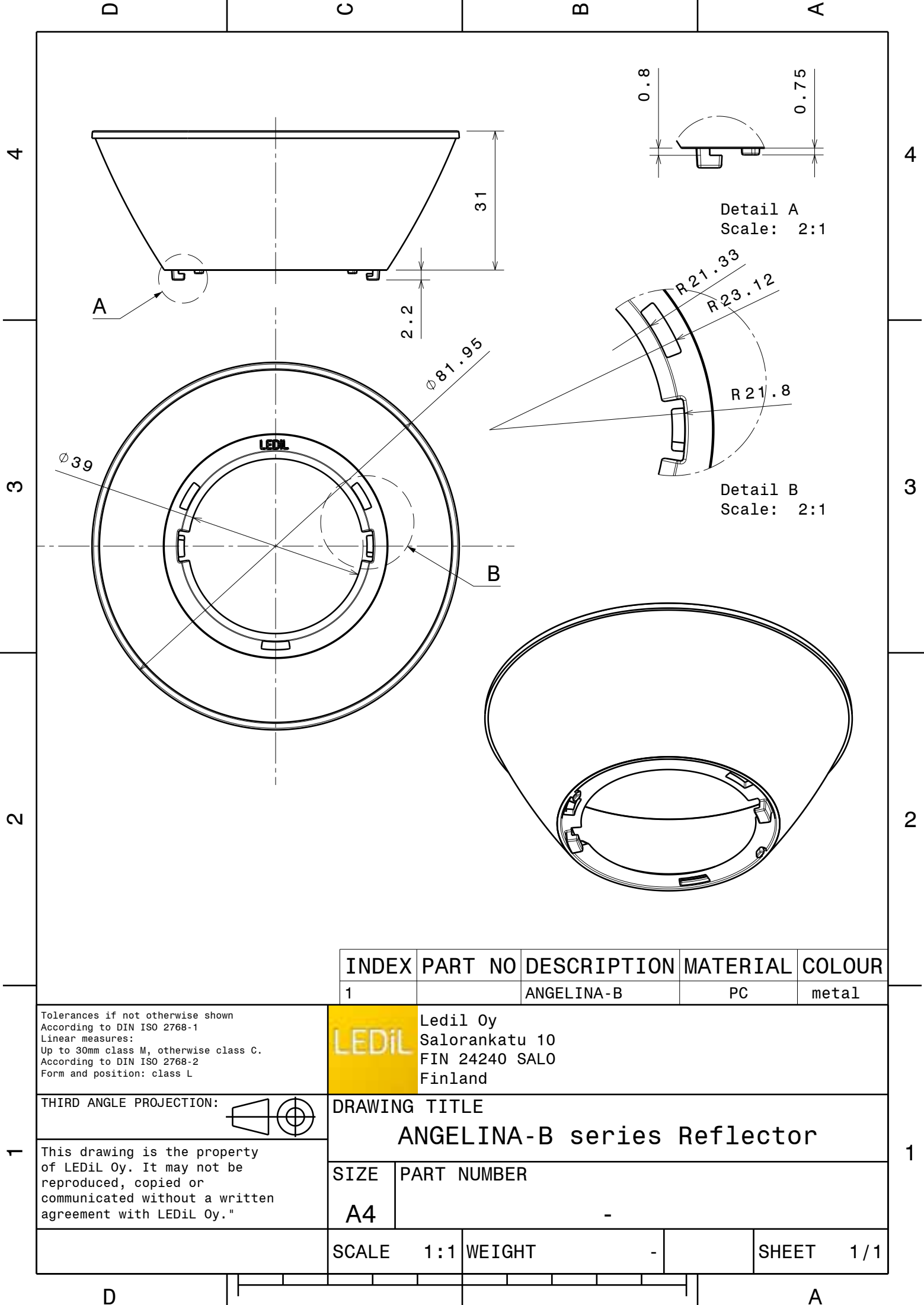
DETAILS

Product Number	F13661_ANGELINA-W-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	7/05/2014



OPTICAL PROPERTIES

LED	Viewing	Light	Efficiency		
	Angle	Beam	ciency	cd/lm	Connector
CLL04x/CLU04x	sim: 52	Wide	sim: 95 %	sim: 1.100	BJB: 47.319.2030
LUXEON K12	sim: 46	Wide	-	sim: 0.000	BJB: 47.319.2070
CLU730	sim: 52	Wide	sim: 93 %	sim: 1.080	BJB: 47.319.2030
CLL04x/CLU04x	sim: 55	Wide	sim: 90 %	sim: 0.940	BJB: 47.319.2030
SLE G4 LES19 H	34 deg	Wide	81 %	1.600	-
Soleriq P13	47 deg	Wide	93 %	1.080	A.A.G. STUCCHI: 8502/G2
CLL03x/CLU03x	49 deg	Wide	92 %	1.000	BJB: 47.319.2021
CXM-14	51 deg	Wide	93 %	0.970	BJB: 47.319.2021
CLU720	51 deg	Wide	94 %	0.950	A.A.G. STUCCHI: 8101/G2
Soleriq S13	52 deg	Wide	94 %	0.950	A.A.G. STUCCHI: 8502/G2
COB 10W/13W/17W/24W	52 deg	Wide	94 %	0.940	A.A.G. STUCCHI: 8600/G2
COB 10W/13W/17W/24W	53 deg	Wide	93 %	0.940	BJB: 47.319.2080
LUXEON CoB 1204/1205	53 deg	Wide	94 %	0.940	A.A.G. STUCCHI: 8301/G2
Soleriq S13 Gen2	53 deg	Wide	93 %	0.920	BJB: 47.319.2021
Soleriq E30	54 deg	Wide	90 %	0.940	BJB: 47.319.2011
ZC12/18	54 deg	Wide	93 %	0.920	A.A.G. STUCCHI: 8101/G2
SLE G5 LES19 H	54 deg	Wide	91 %	0.930	-
Soleriq S19	55 deg	Wide	93 %	0.900	BJB: 47.319.2170
Soleriq S19	55 deg	Wide	93 %	0.900	A.A.G. STUCCHI: 8503/G2
LUXEON CoB 1208	55 deg	Wide	93 %	0.900	A.A.G. STUCCHI: 8301/G2
Mega Zenigata (GW6DME)	55 deg	Wide	94 %	0.910	A.A.G. STUCCHI: 8301/G2
CLL03x/CLU03x	55 deg	Wide	94 %	0.900	A.A.G. STUCCHI: 8101/G2
SLE G5 LES15	55 deg	Wide	93 %	0.900	BJB: 47.319.2021
STARK SLE PURE G3 LES17	56 deg	Wide	93 %	0.890	A.A.G. STUCCHI: 8101/G2
CXA/B 25xx	57 deg	Wide	93 %	0.870	A.A.G. STUCCHI: 8401/G2



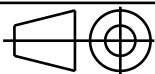
INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1		ANGELINA-B	PC	metal

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

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

SIZE

A4

PART NUMBER

-

SCALE

1:1

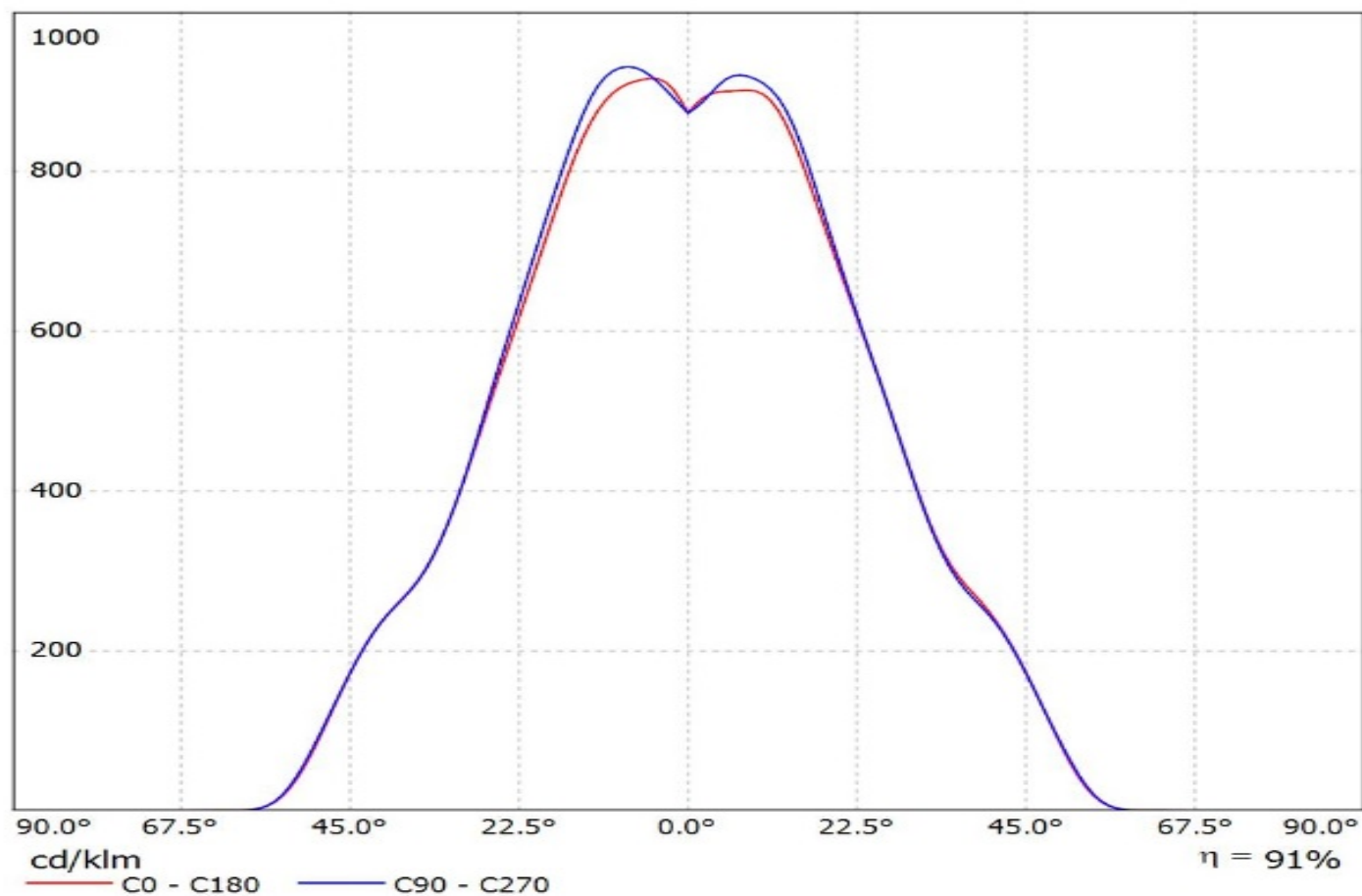
WEIGHT

-

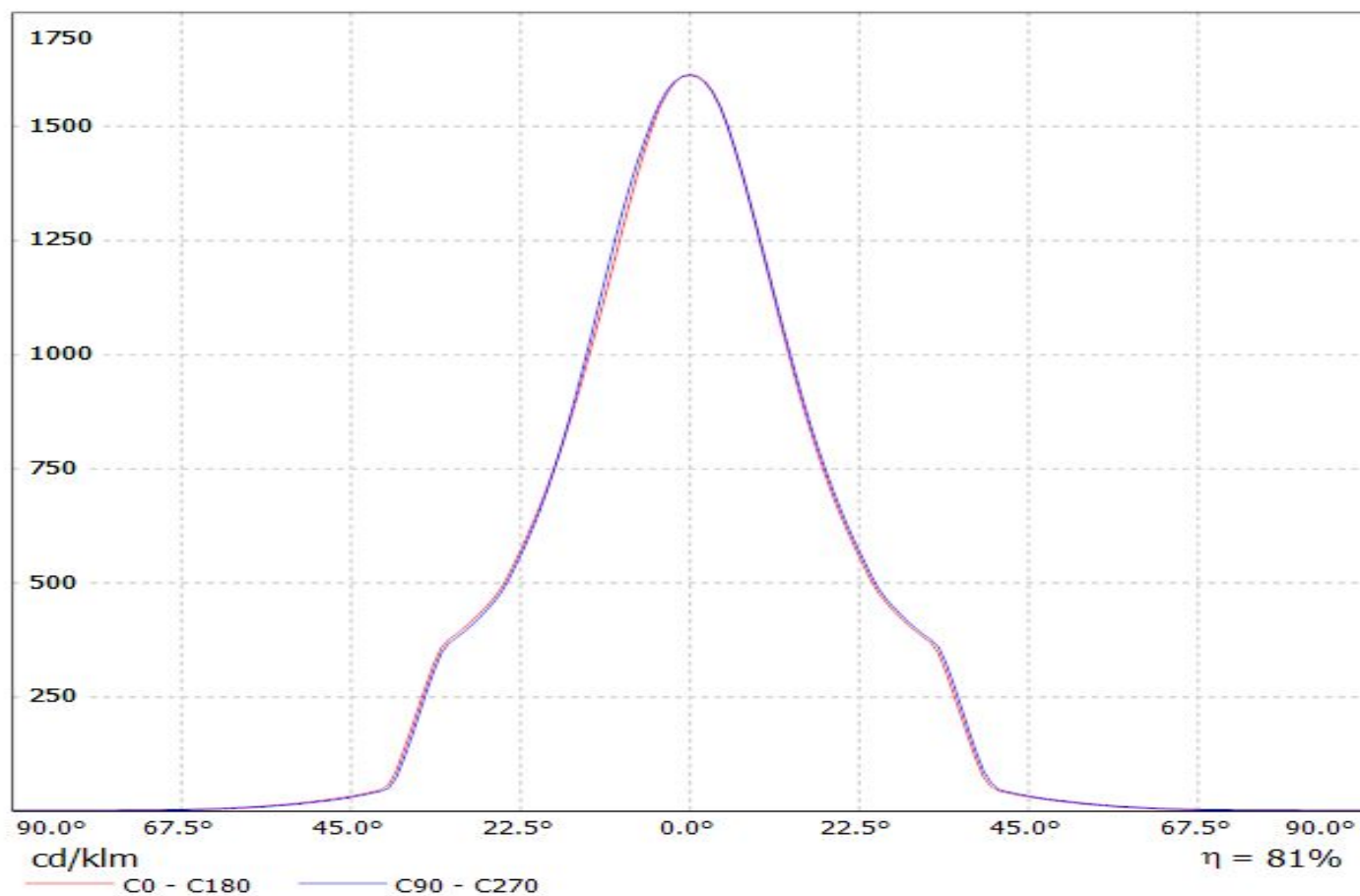
SHEET

1/1

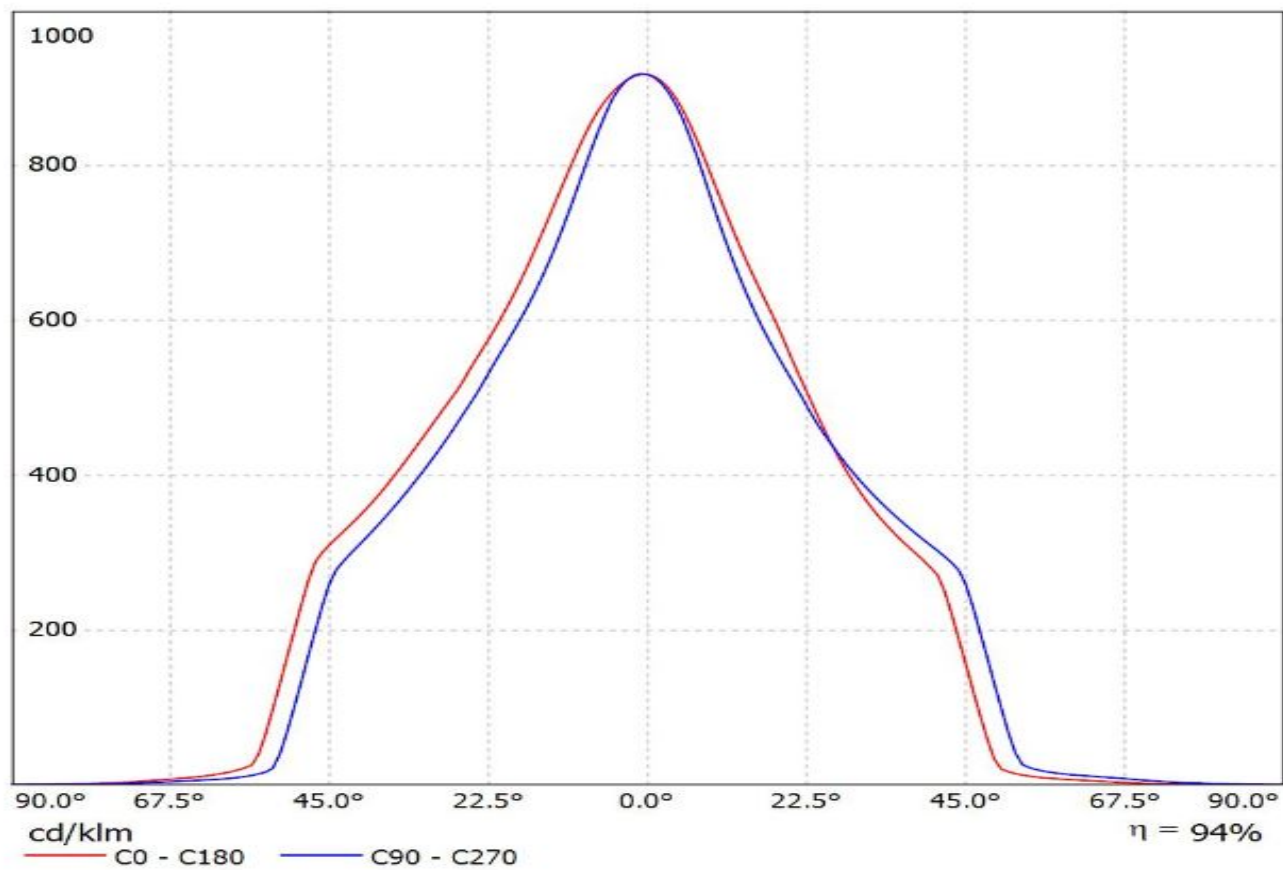
Luminaire: Ledil Oy F13661_ANGELINA-W-B_(CLU048)_(47_319_2030)_SIMULATED
Lamps: 1 x Citizen CLU048 (CLU048-1212C4-303M2K1) + BJB connector 47.319.2030



Luminaire: LEDiL Oy F13661_ANGELINA-W-B_(SLE GEN4 LES19)
Lamps: 1 x SLE GEN4 LES19_1227.01lm@250mA_P=8.21492W_η=0.2498A



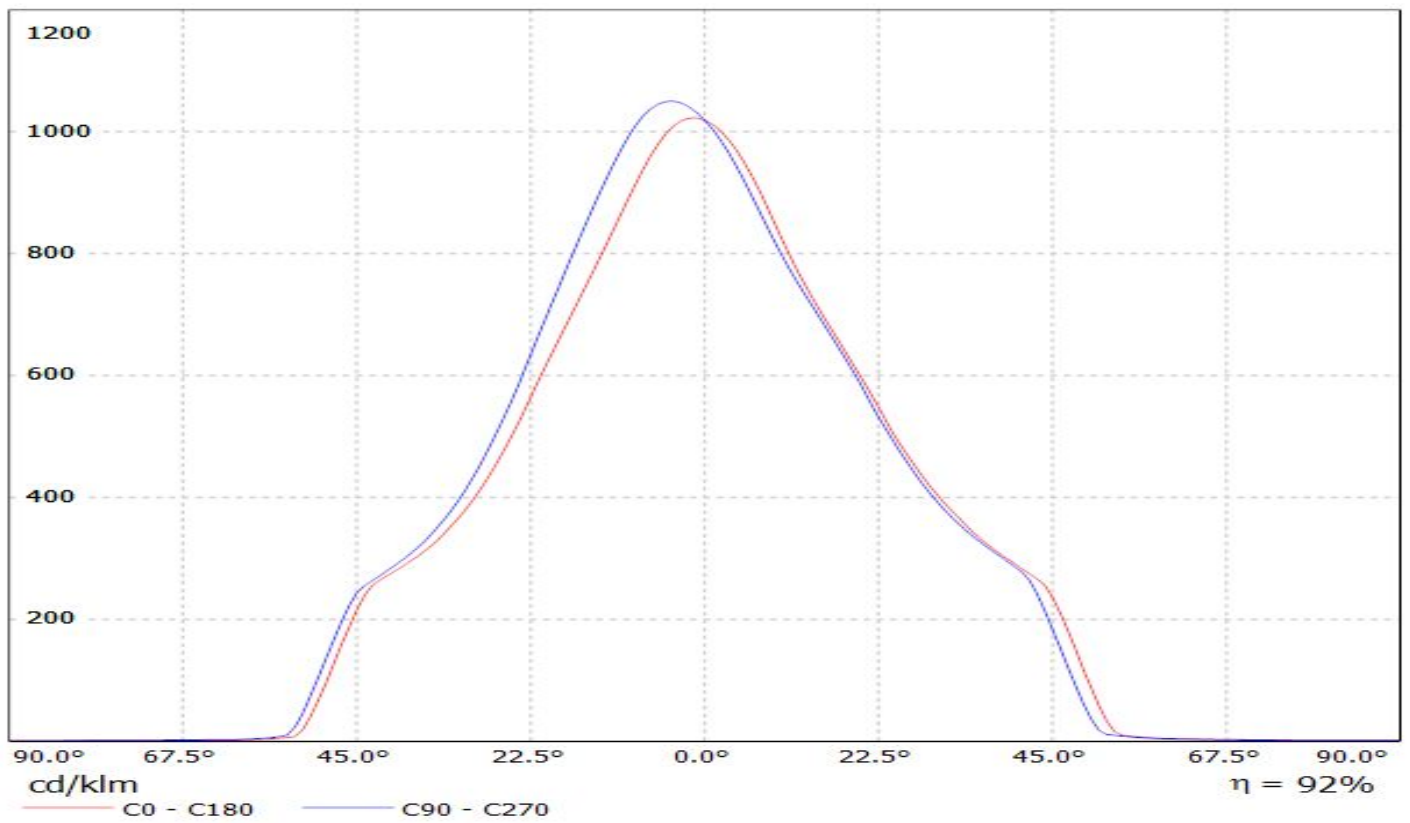
Luminaire: LEDiL Oy F13661_ANGELINA-W-B_(SOLERIQ_P13) Eff.93.6%
Lamps: 1 x SOLERIQ_P13_(GW_MAGMB1.EM)_1053.65lm@250mA_CCT=3000K_P=8.82044W_I=249.8mA



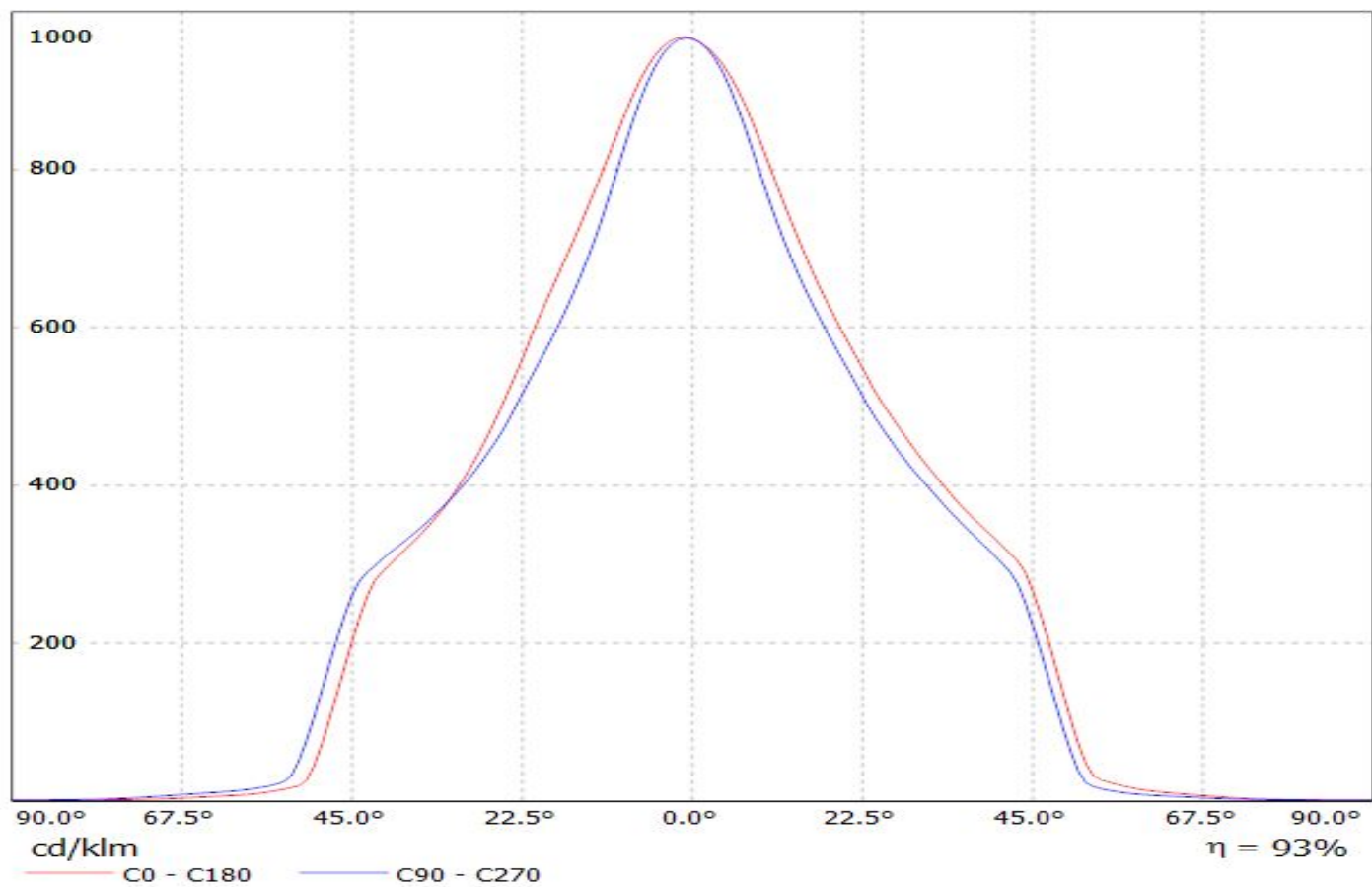
LEDiL Oy C13661_ANGELINA-W-B_(CLL030) Eff.92.0% / LDC (Linear)

Luminaire: LEDiL Oy C13661_ANGELINA-W-B_(CLL030) Eff.92.0%

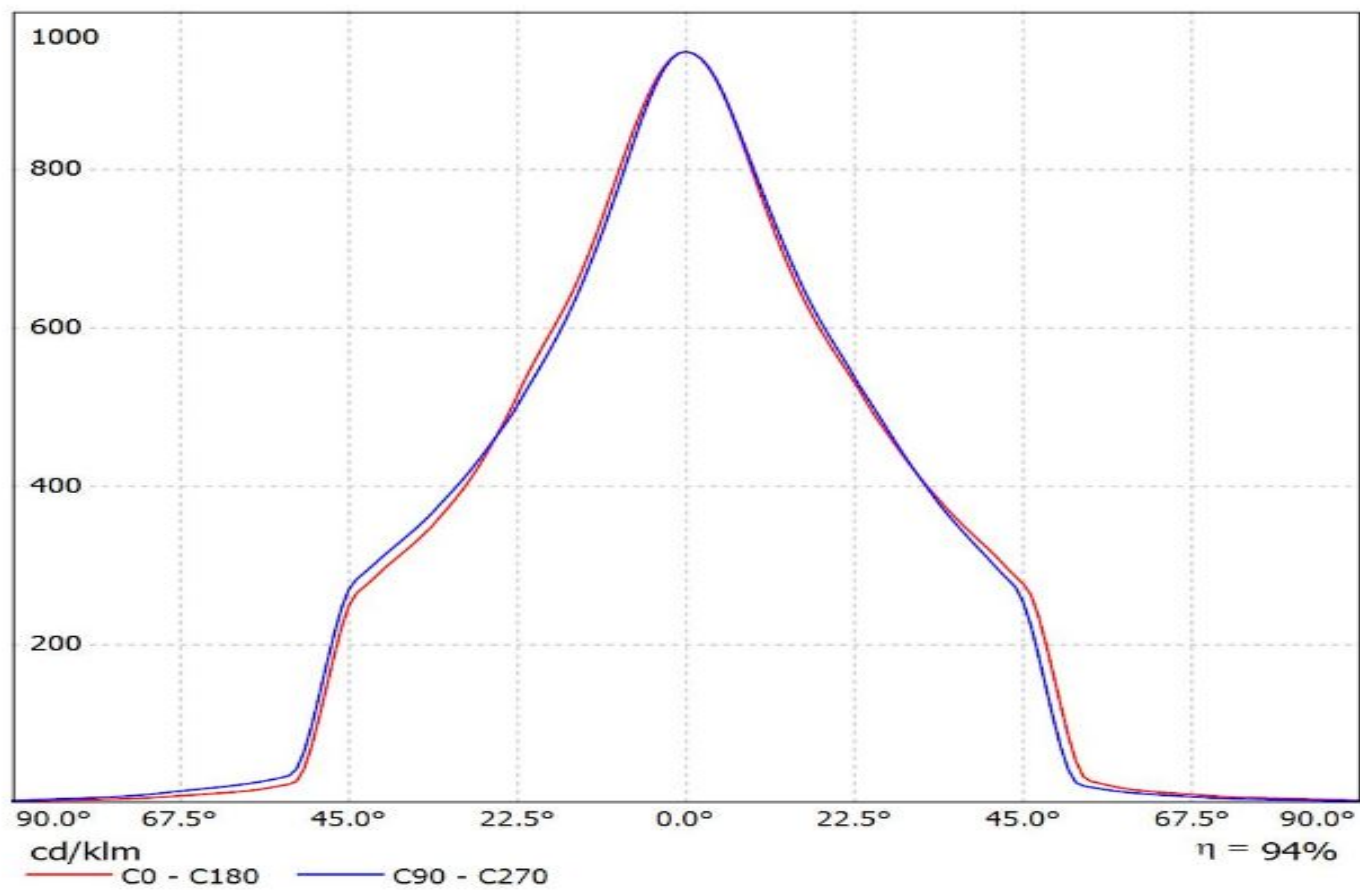
Lamps: 1 x CITIZEN_CLL030_(CLL030-1205A5-303H1A7) 797.292lm@250mA CCT=3000K P=8.65307W
I=249.8mA



Luminaire: LEDiL Oy F13661_ANGELINA-W-B_(CXM-14)
Lamps: 1 x LUMINUS_XNOVA_CXM-14_(AC00)
_1049.18lm@250mA_CCT=3126K_P=8.31834W_I=249.8mA

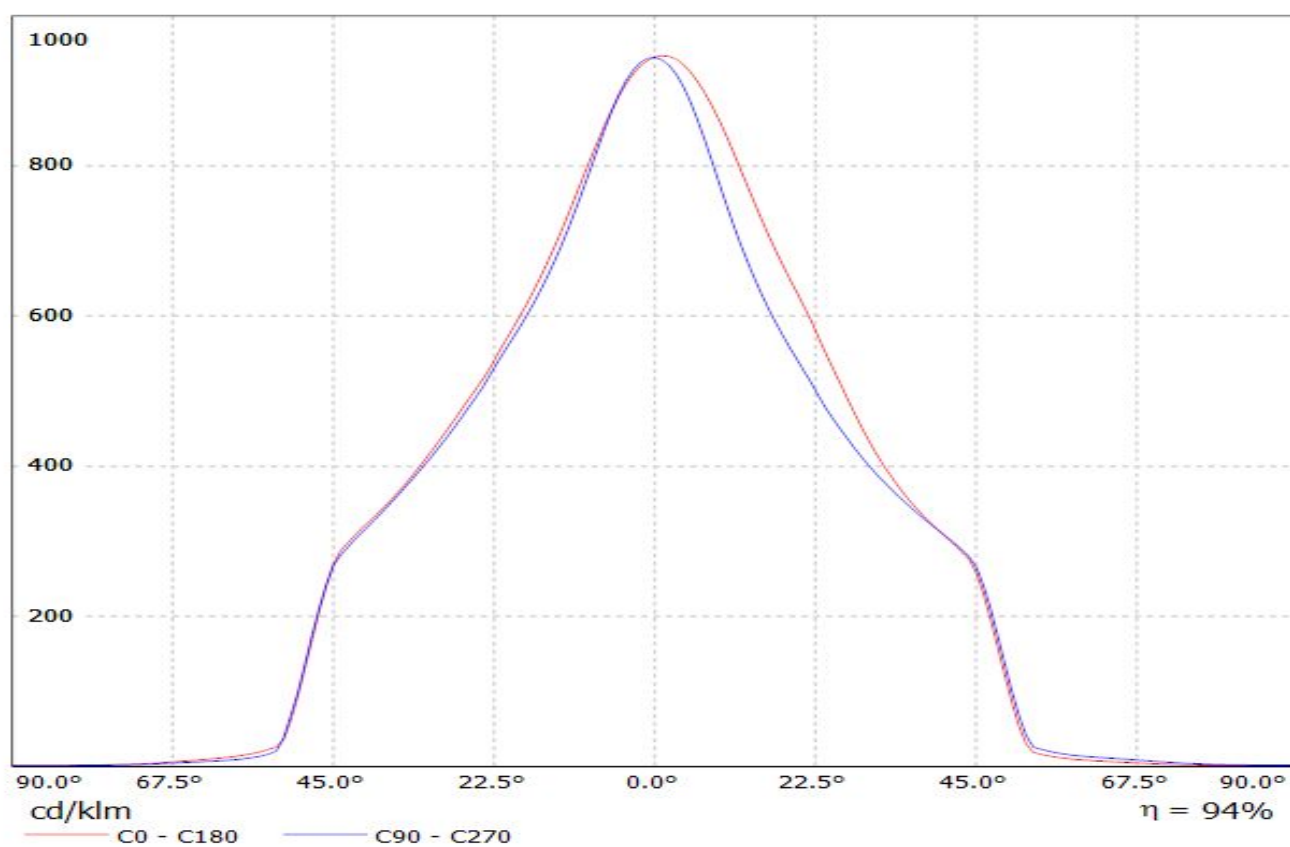


Luminaire: Ledil F13661_ANGELINA-W-B_(CITIZEN_CLU720)
Lamps: 1 x CITIZEN_CLU720_(CLU720-1206B8-273M2)
_1320.42lm@250mA_CCT=2700K_P=8.35W_I=0.25A



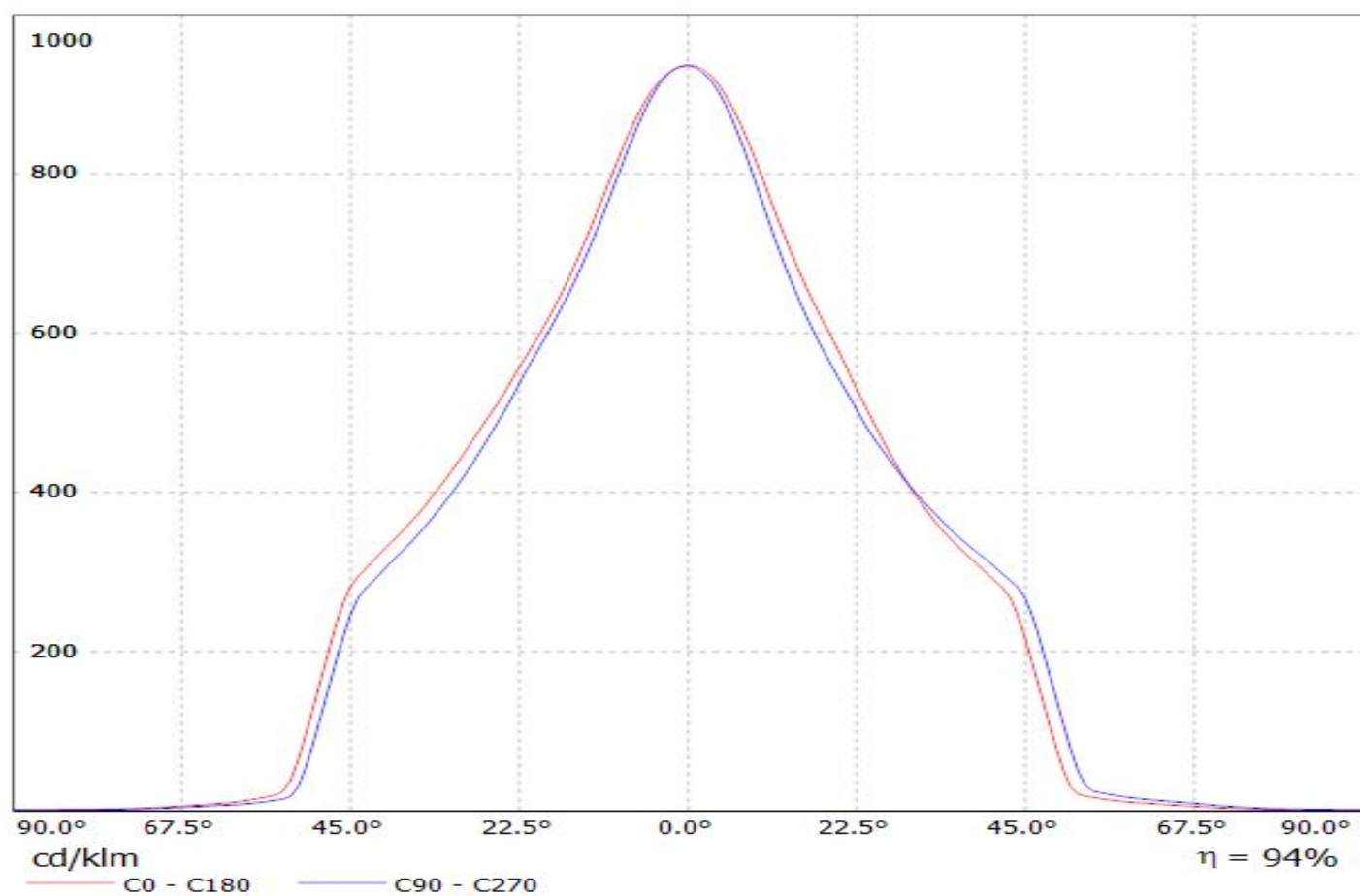
Luminaire: LEDiL Oy F13661_ANGELINA-W-B_(Soleriq_S13) Eff.94.0%

Lamps: 1 x Osram_Soleriq_S13_825.418lm@250mA_CCT=3125K_P=7.33663W_I=249.8mA



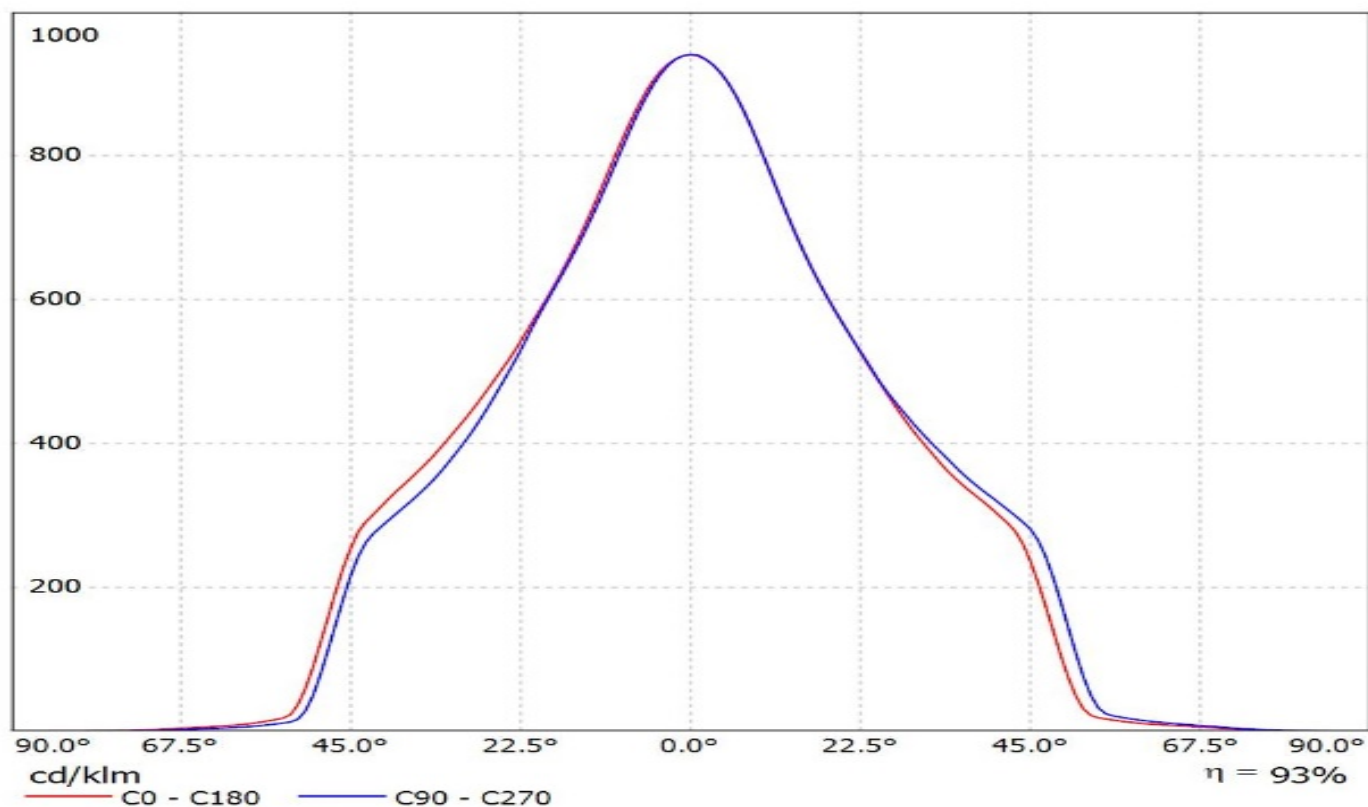
Luminaire: LEDiL Oy F13661_ANGELINA-W-B_(LG_COB_10W)

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

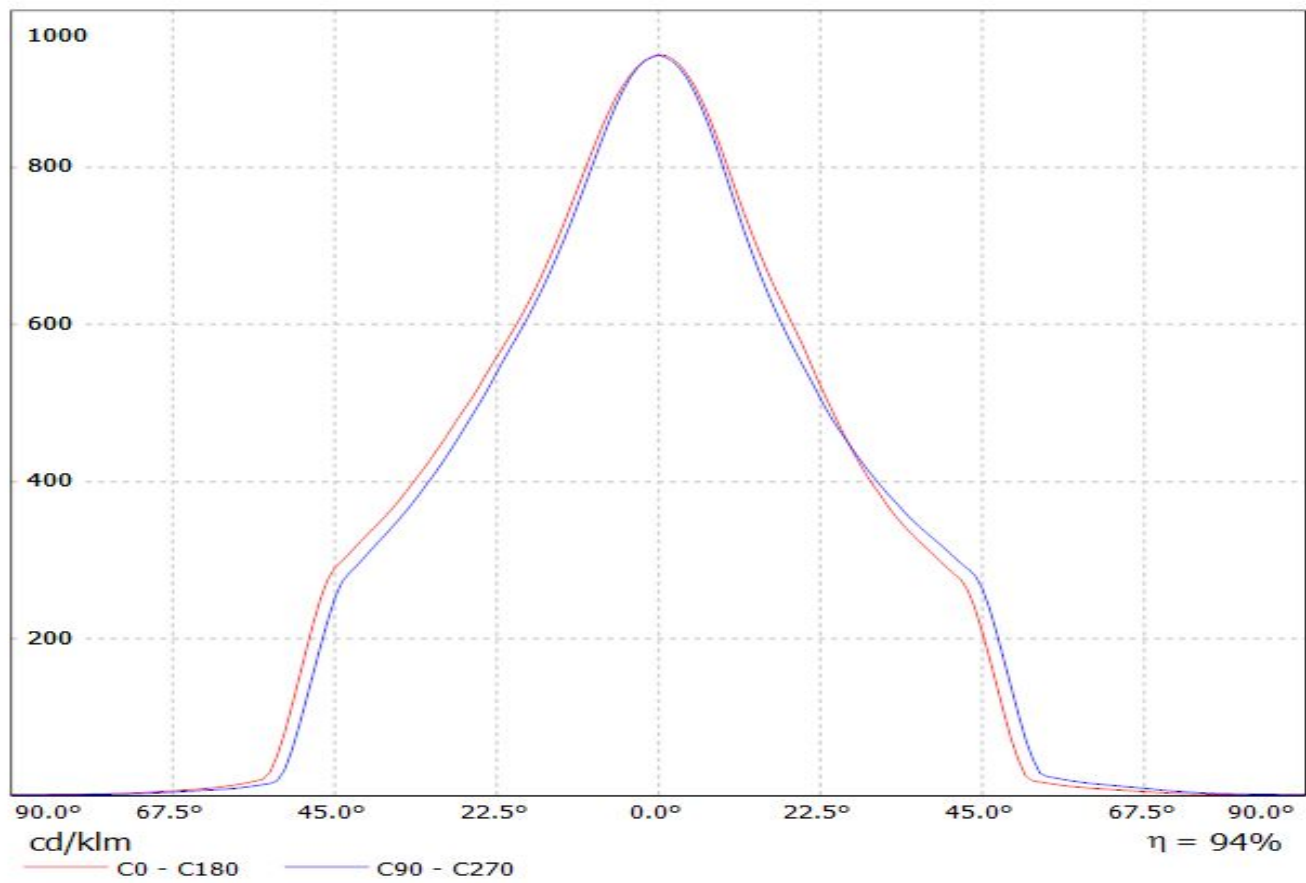


**Ledil F13661_ANGELINA-W-B_(COB_10W)_(BJB_47_319_2080) / LDC
(Linear)**

Luminaire: Ledil F13661_ANGELINA-W-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

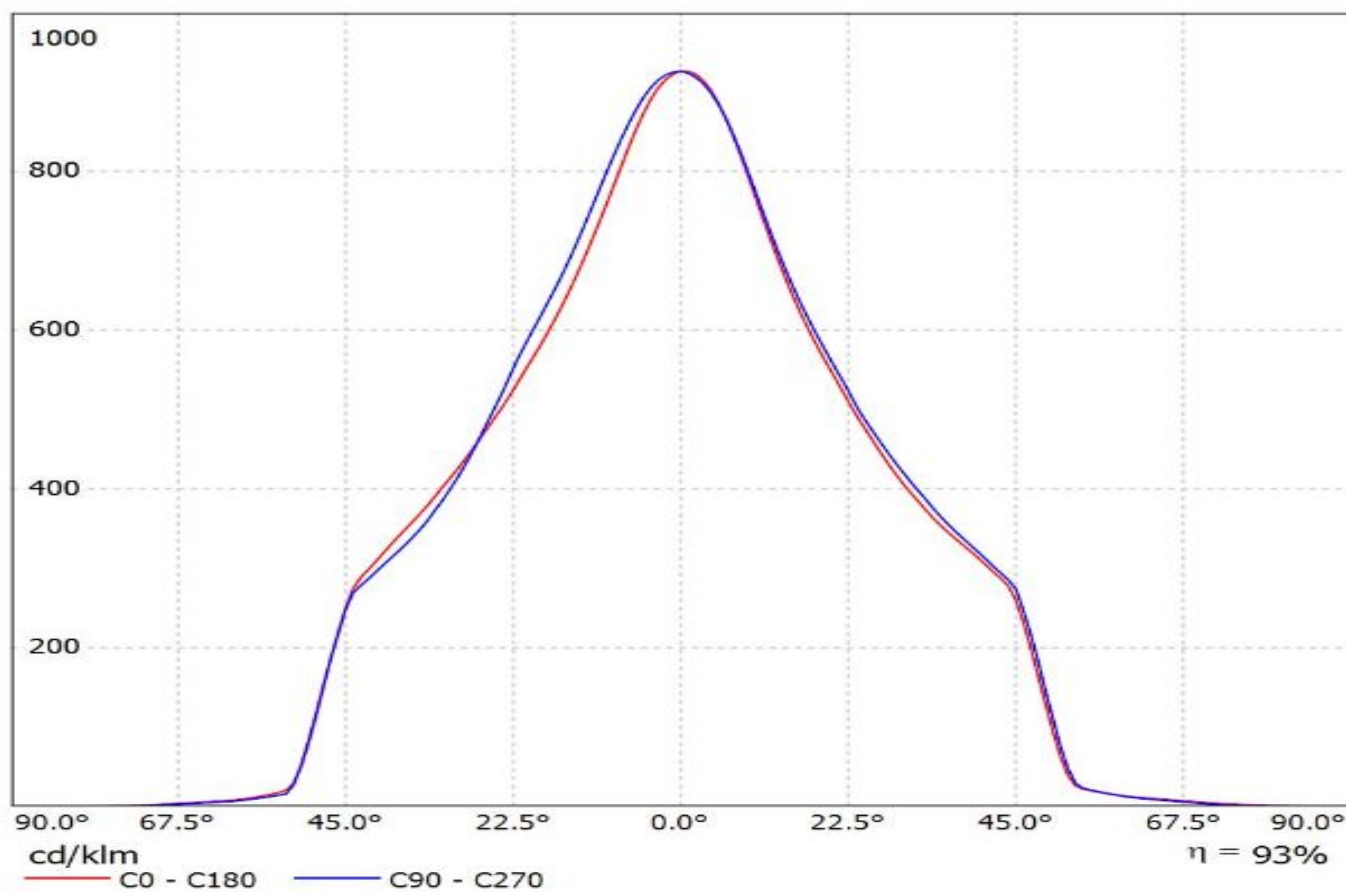


Luminaire: LEDiL Oy F13661_ANGELINA-W-B_(Luxeon_CoB_1205)
Lamps: 1 x LUXEON_COB_1205_(LHC1-3080-1205)_1115lm@250mA_CCT=3000K_P=11.183W_I=249.8mA

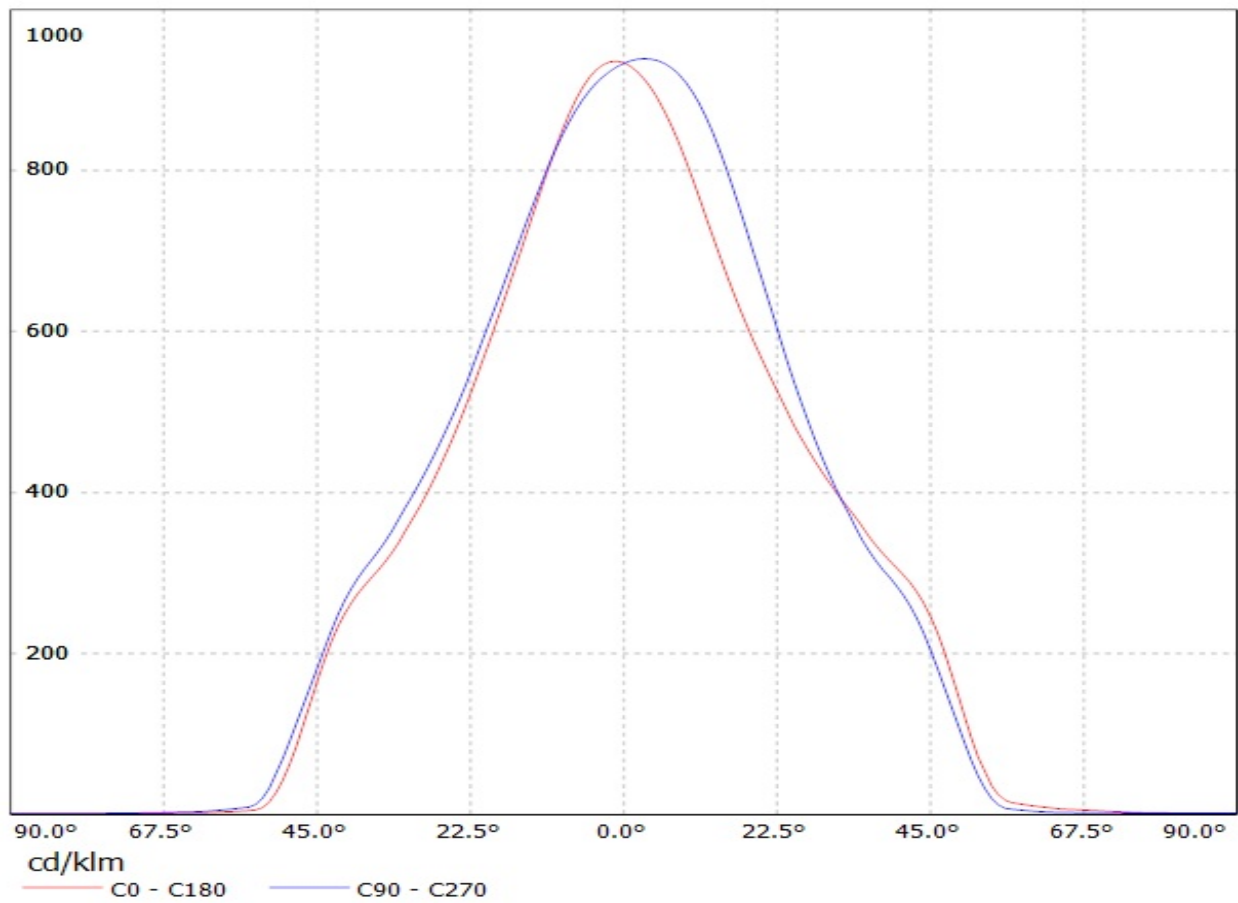


Luminaire: Ledil F13661_ANGELINA-W-B_(Soleriq_S13_G2)

Lamps: 1 x Osram_Solericq_S13_G2_(GW_KAGHB2.EM)1353.18lm@250mA_P=8.46W_I=0.25A

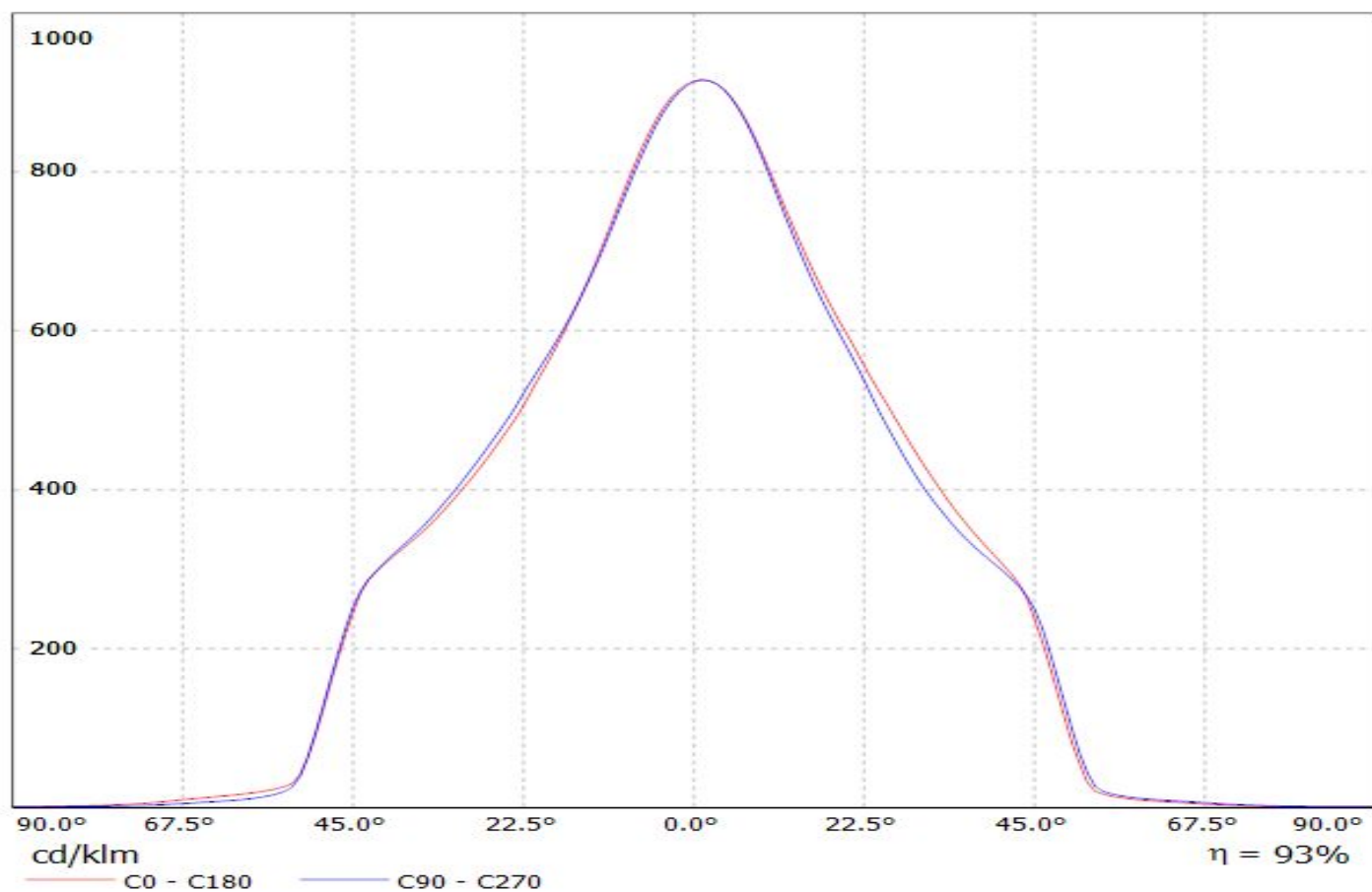


Luminaire: LEDiL Oy C13661_ANGELINA-W-B_(Soleriq-E30) Eff: 90%
Lamps: 1 x Osram Soleriq E30 (QW KAJRB2.EM-TPTR-50H4) 1358.6lm@250mA_P=10.2338W_I=0.2498mA

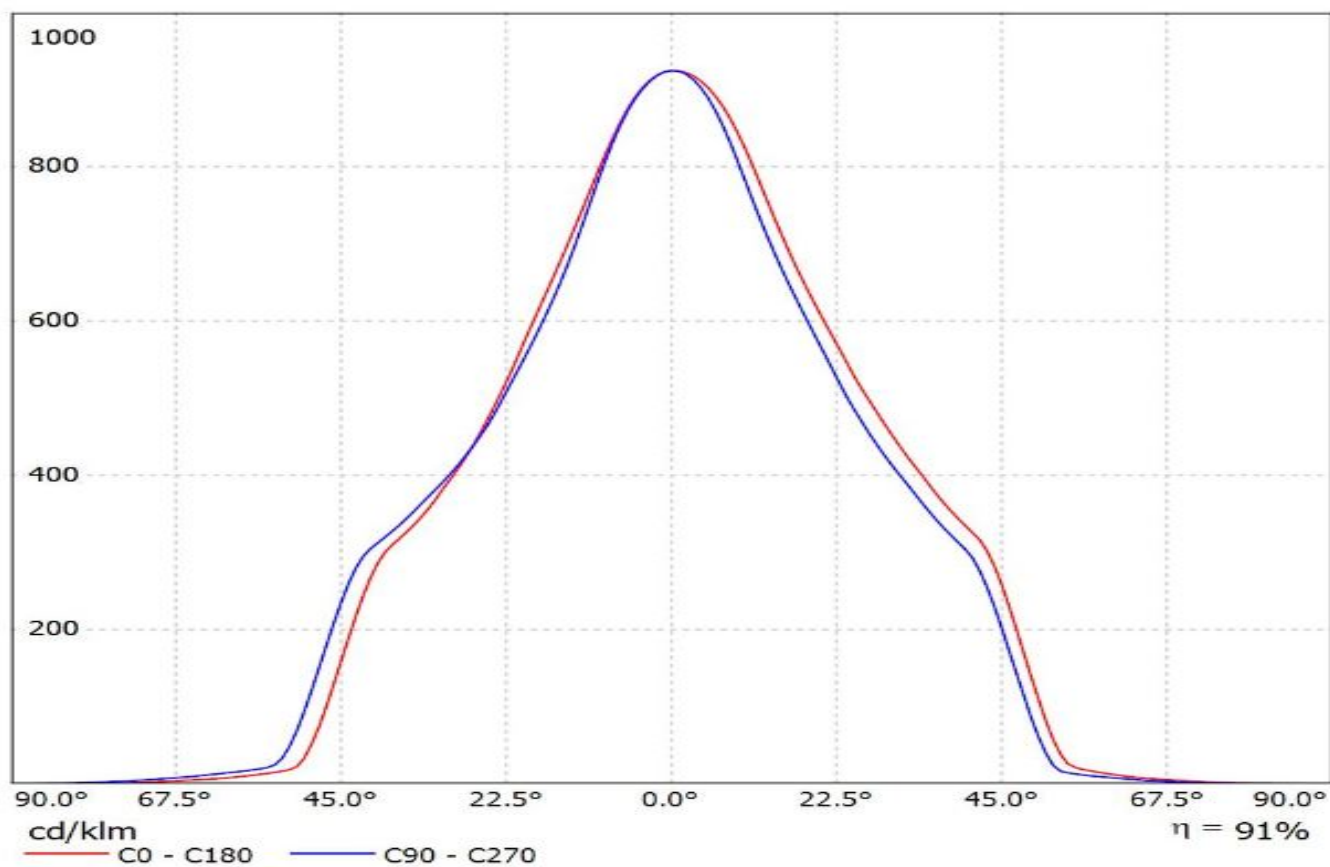


Luminaire: LEDiL Oy F13661_ANGELINA-W-B_(ZC12)

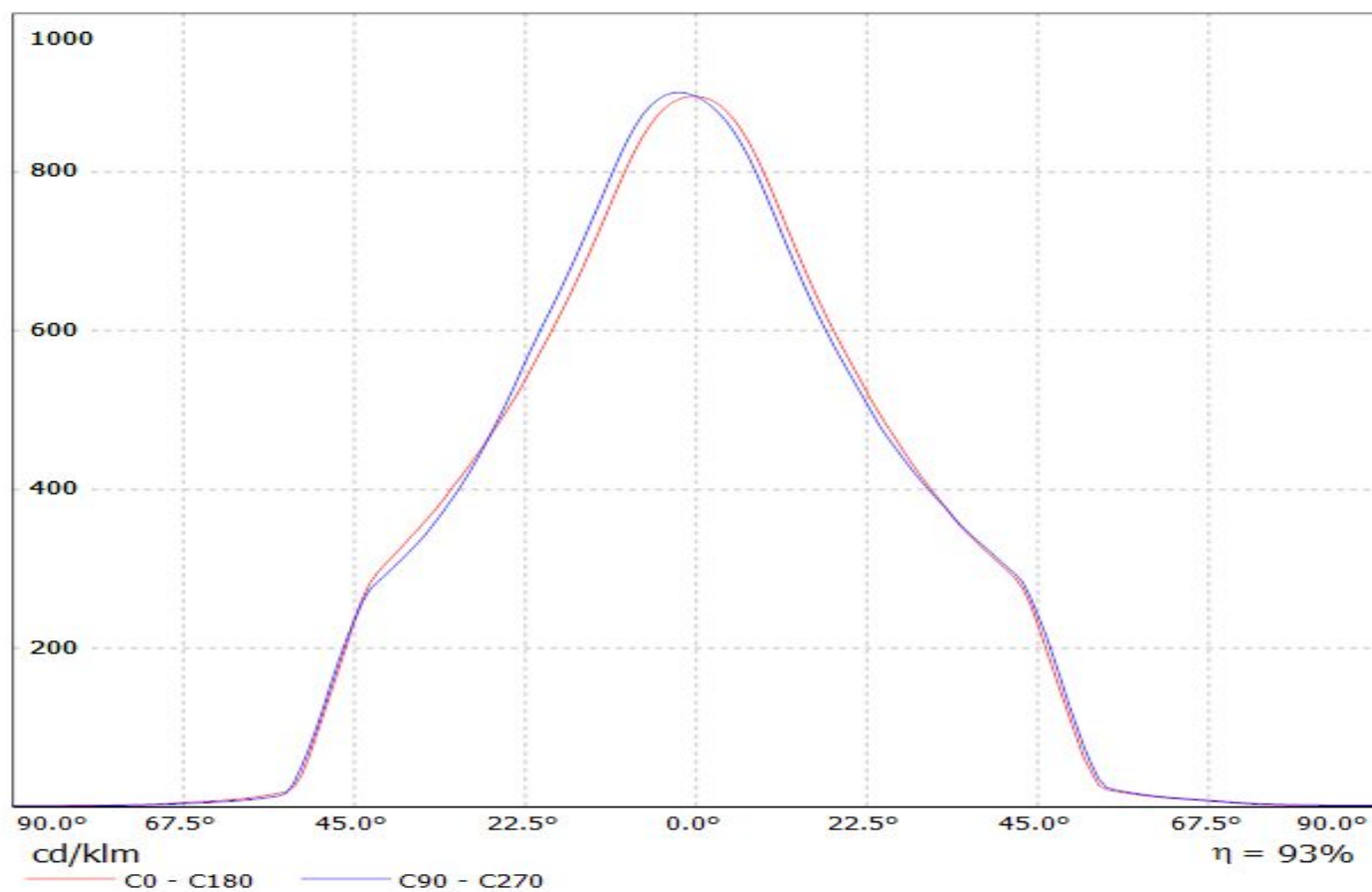
Lamps: 1 x SEOUL_ZC12_(SDW82F1C)_1240.73lm@250mA_P=8.68405W_I=249.8mA



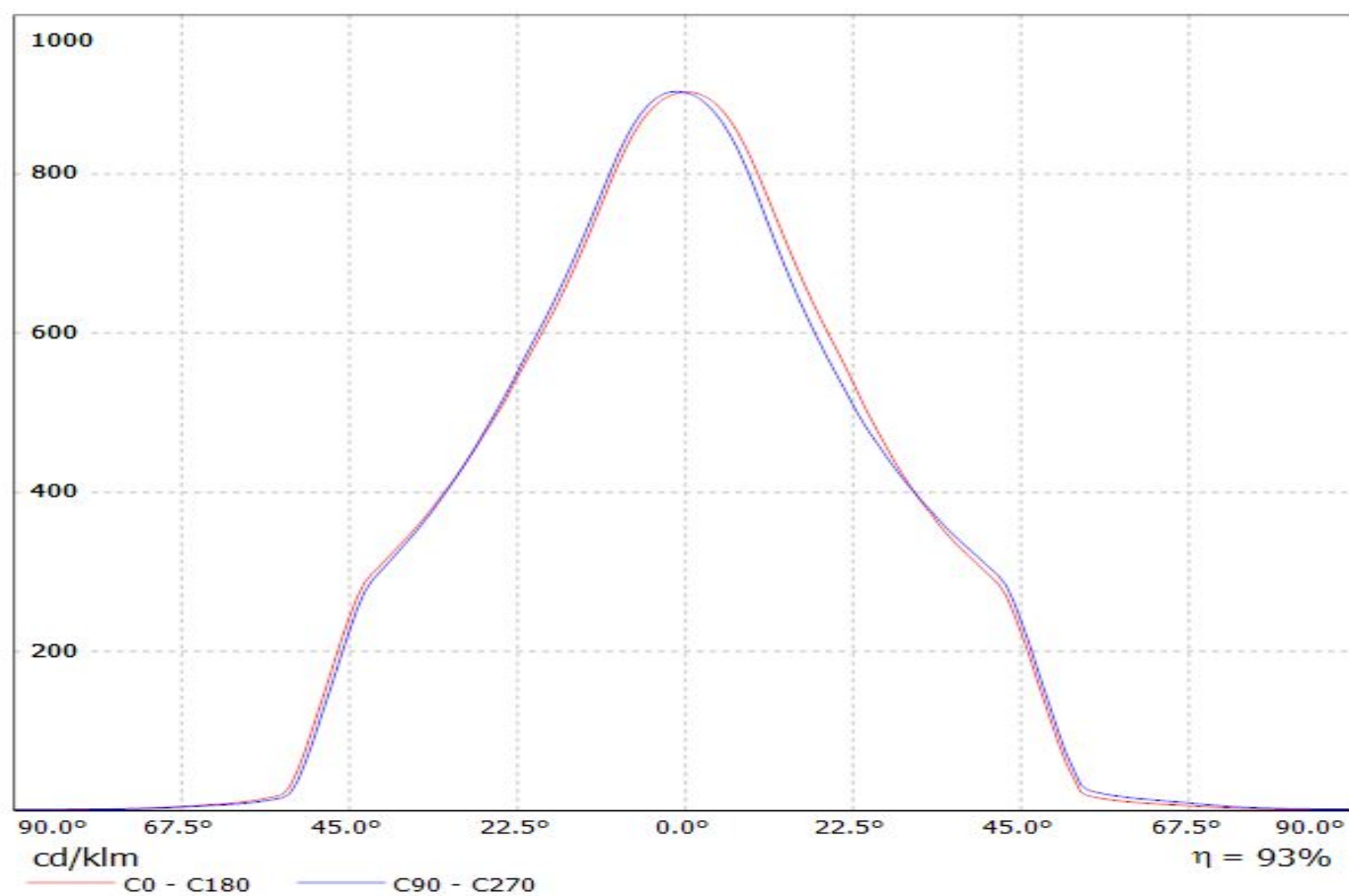
Luminaire: LEDiL Oy F13661_ANGELINA-W-B_(SLE-G5_LES-19)
Lamps: 1 x Tridonic_SLE-G5_LES-19_1334.47lm@250mA_P=8.2224W_I=0.250A



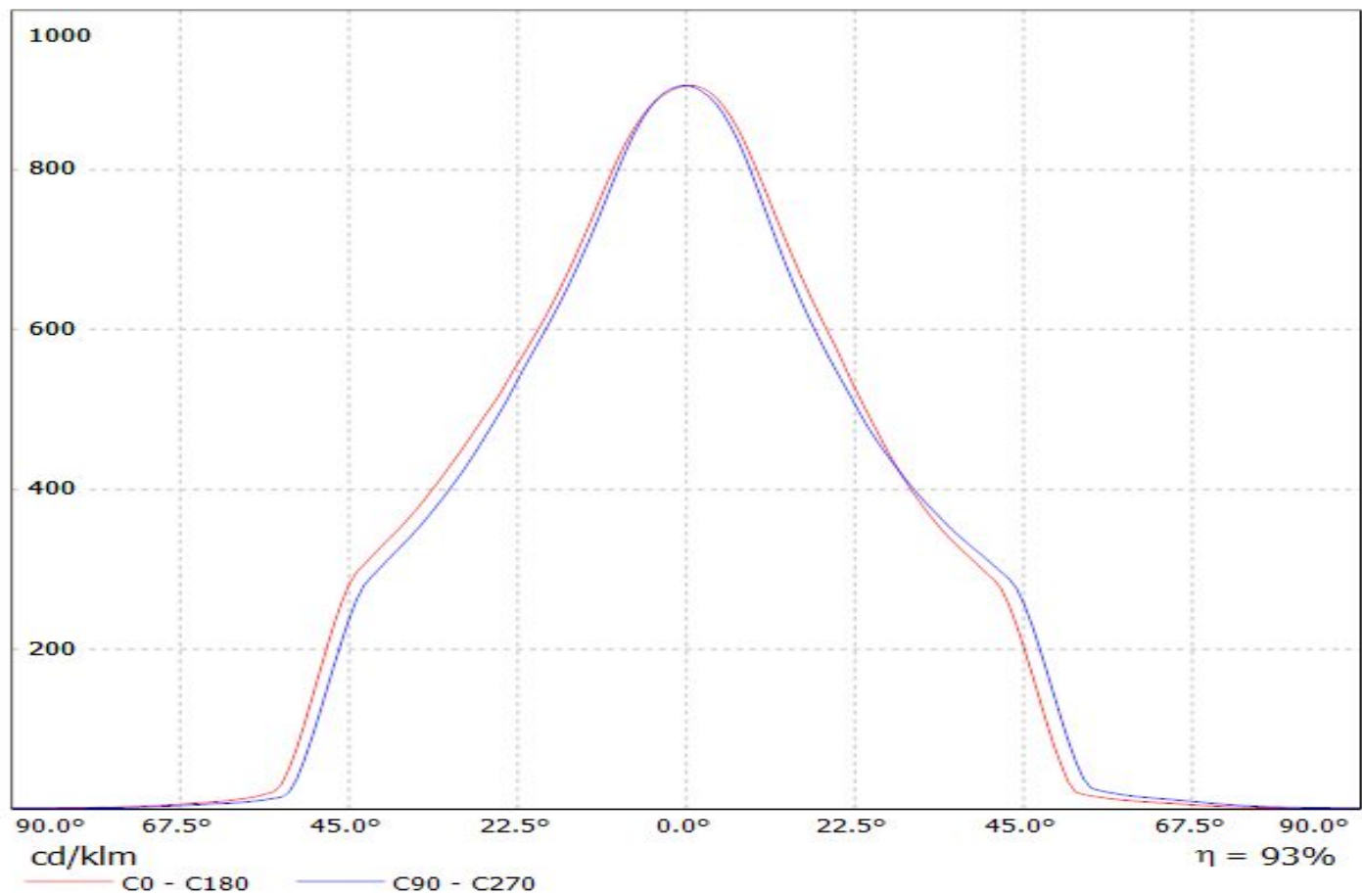
Luminaire: LEDiL Oy F13661_ANGELINA-W-B_(Soleriq S19) Eff.90.0%
Lamps: 1 x OSRAM_SOLERIQ_S19_(GW_KAHJB1.EM)
_1445.44lm@250mA_CCT=3000K_P=10.558W_I=249.8mA



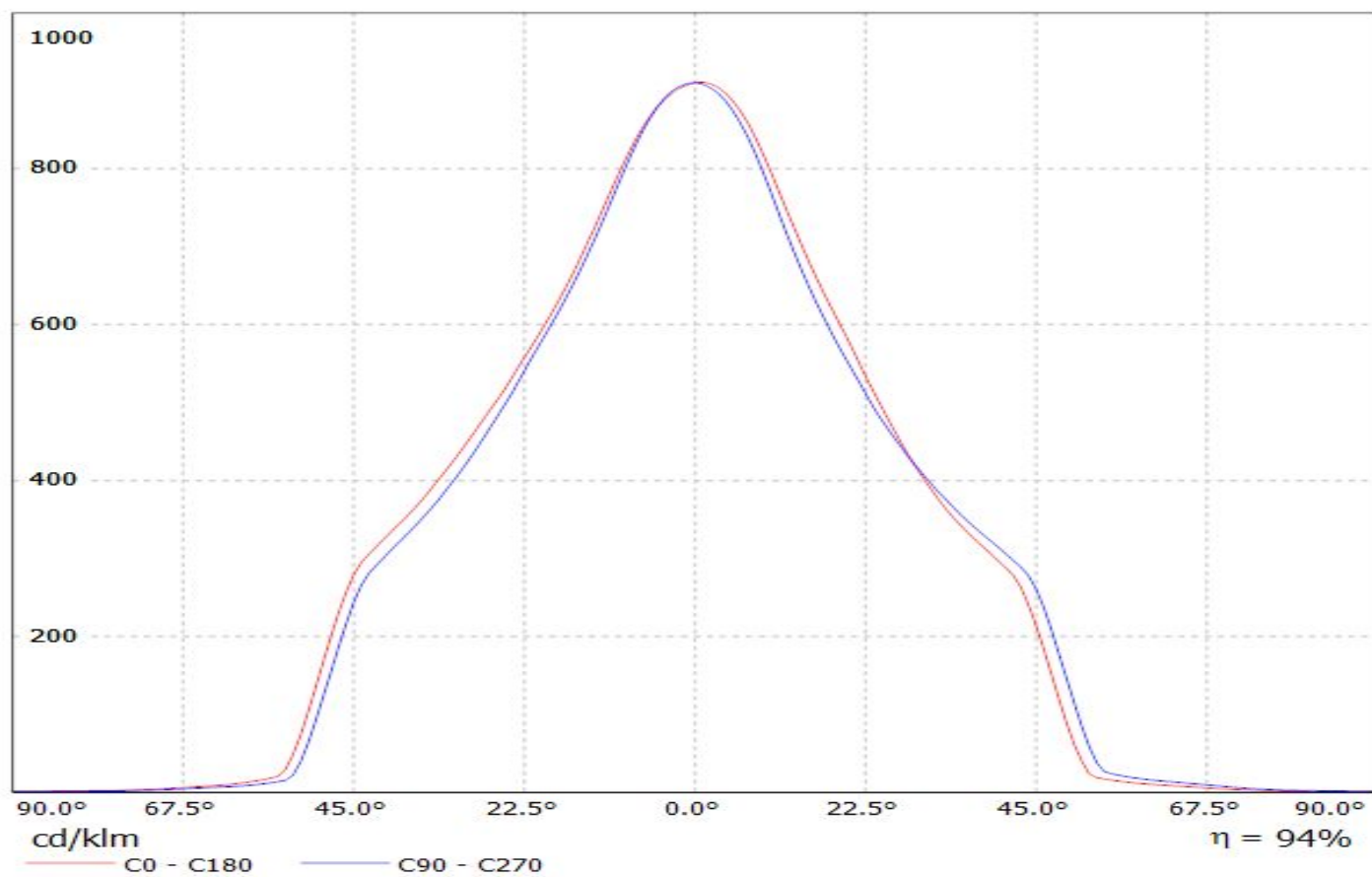
Luminaire: LEDiL Oy F13661_ANGELINA-W-B_(S19) Eff.93.0%
Lamps: 1 x Osram_SOLERIQ_S19_1434.85lm@250mA_P=10.5595W_I=249.8mA



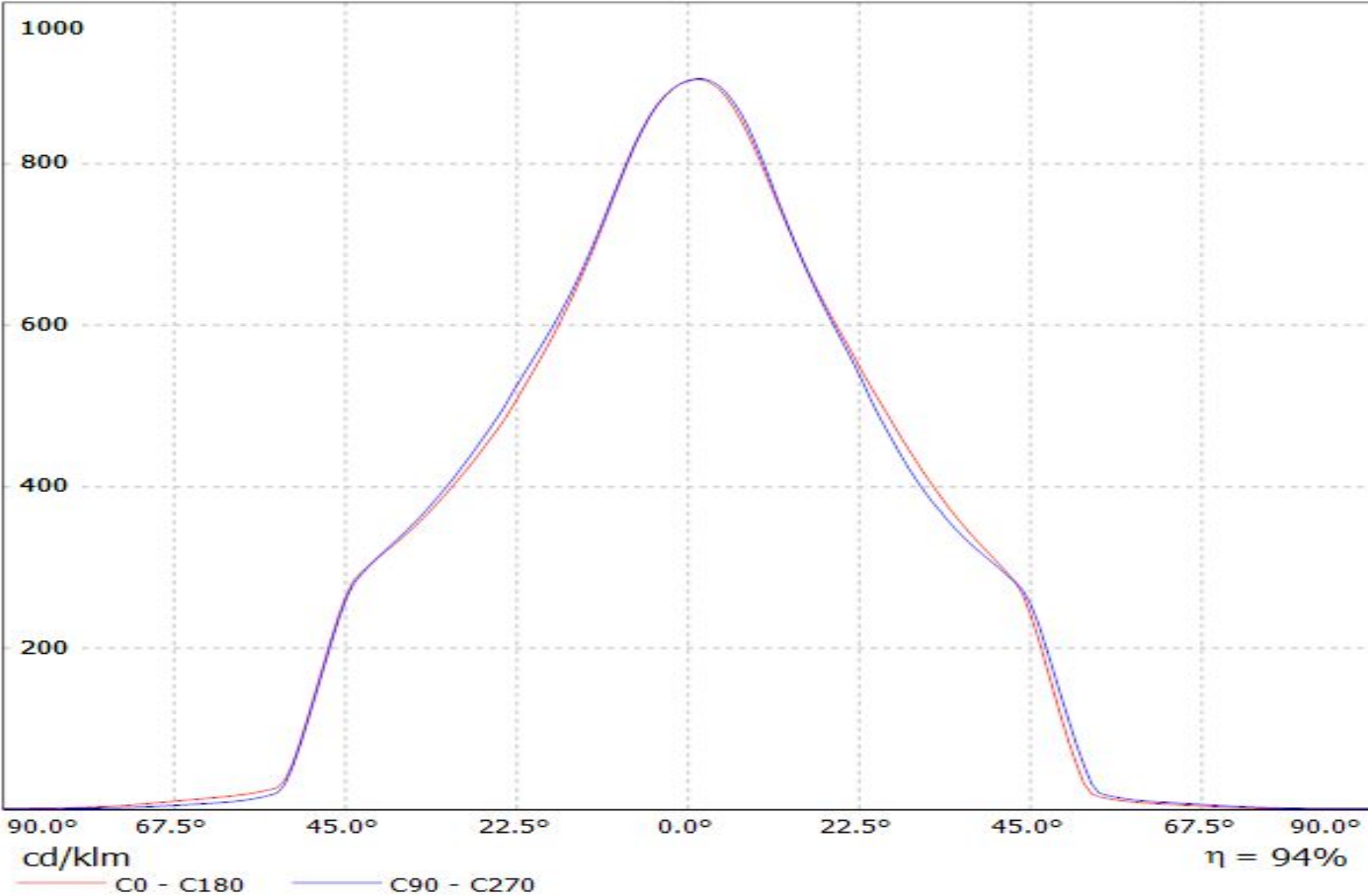
Luminaire: LEDiL Oy F13661_ANGELINA-W-B_(Luxeon_CoB_1208)
Lamps: 1 x Luxeon_CoB_1208_1057.71lm@250mA_P=8.26438W_I=249.8mA



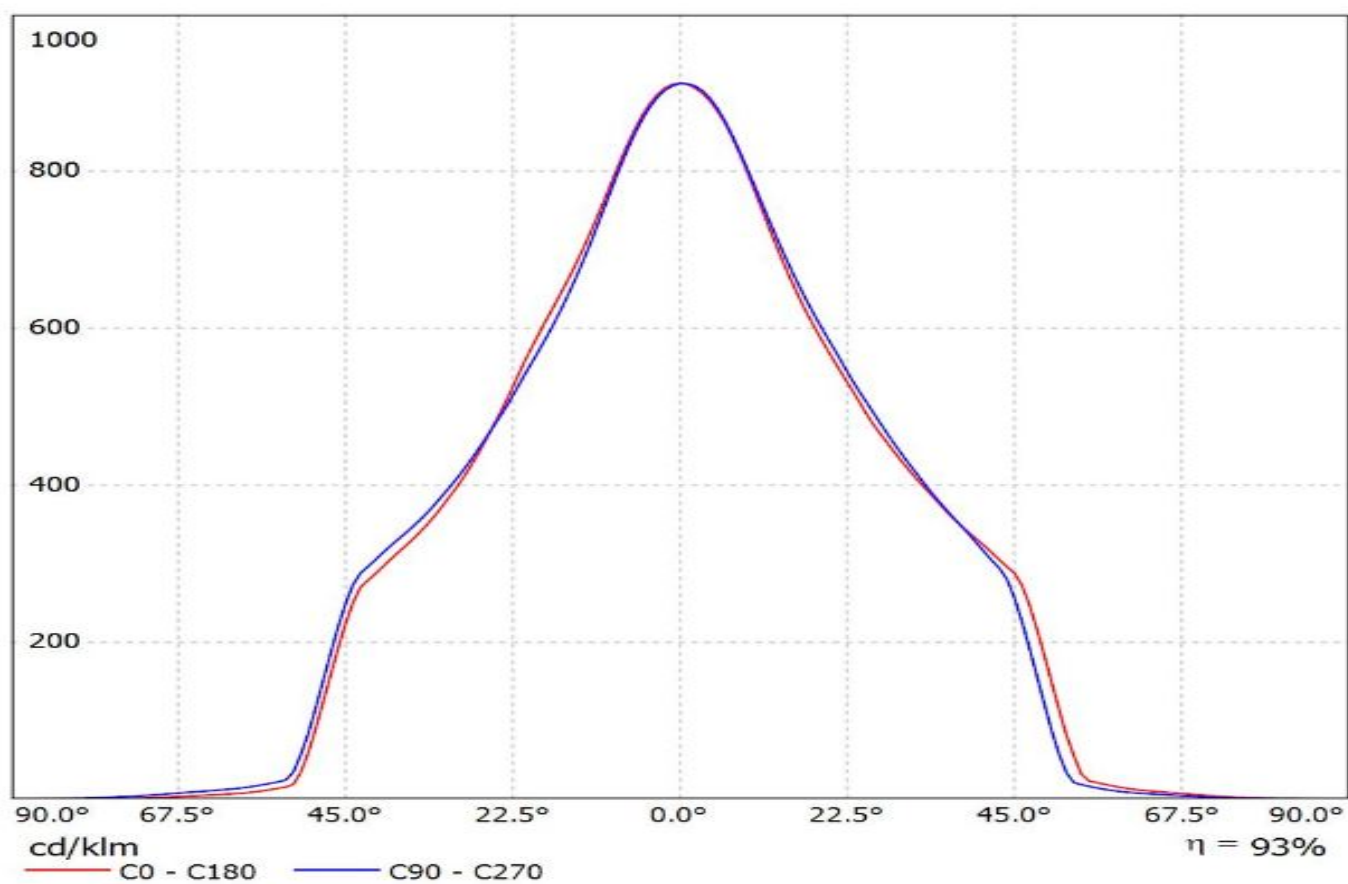
Luminaire: LEDiL Oy F13661_ANGELINA-W-B (MegaZenigata_GW6)
Lamps: 1 x Sharp_MegaZenigata_GW6_(GW6DME30NFC)
_1266.19lm@250mA_CCT=3038K_P=11.2151W_I=250.6mA



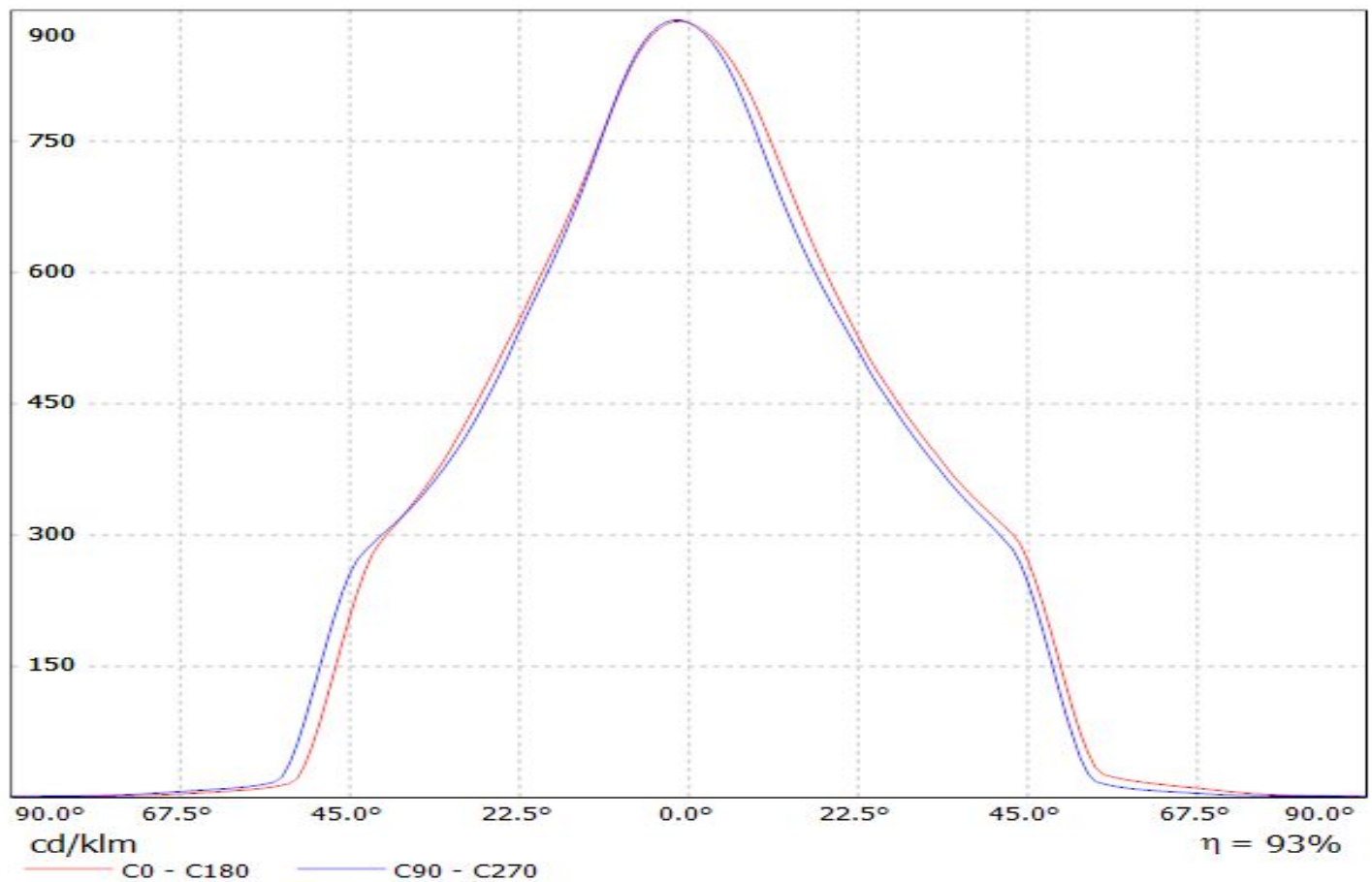
Luminaire: LEDiL Oy F13661_ANGELINA-W-B_(CLU034)
Lamps: 1 x Citizen_CLU034_(CLU034-1205B8-303M1A2)_1159.11lm@250mA_P=8.46586W_I=249.9mA



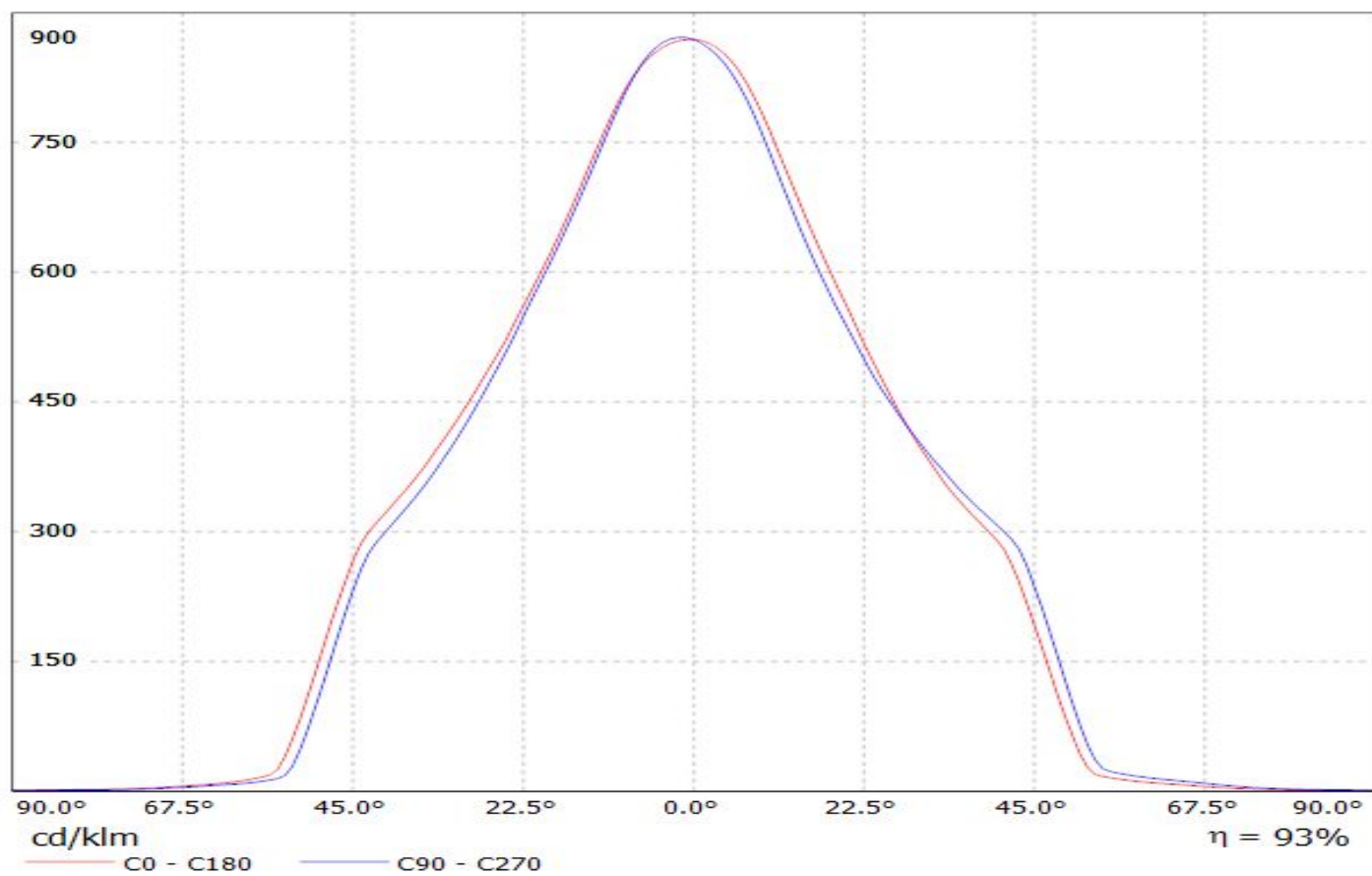
Luminaire: LEDiL Oy F13661_ANGELINA-W-B_(SLE-G5_LES-15)
Lamps: 1 x Tridonic_SLE-G5_LES-15_1272.36lm@250mA_P=8.6660W_I=0.250A



Luminaire: LEDiL Oy F13661_ANGELINA-W-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

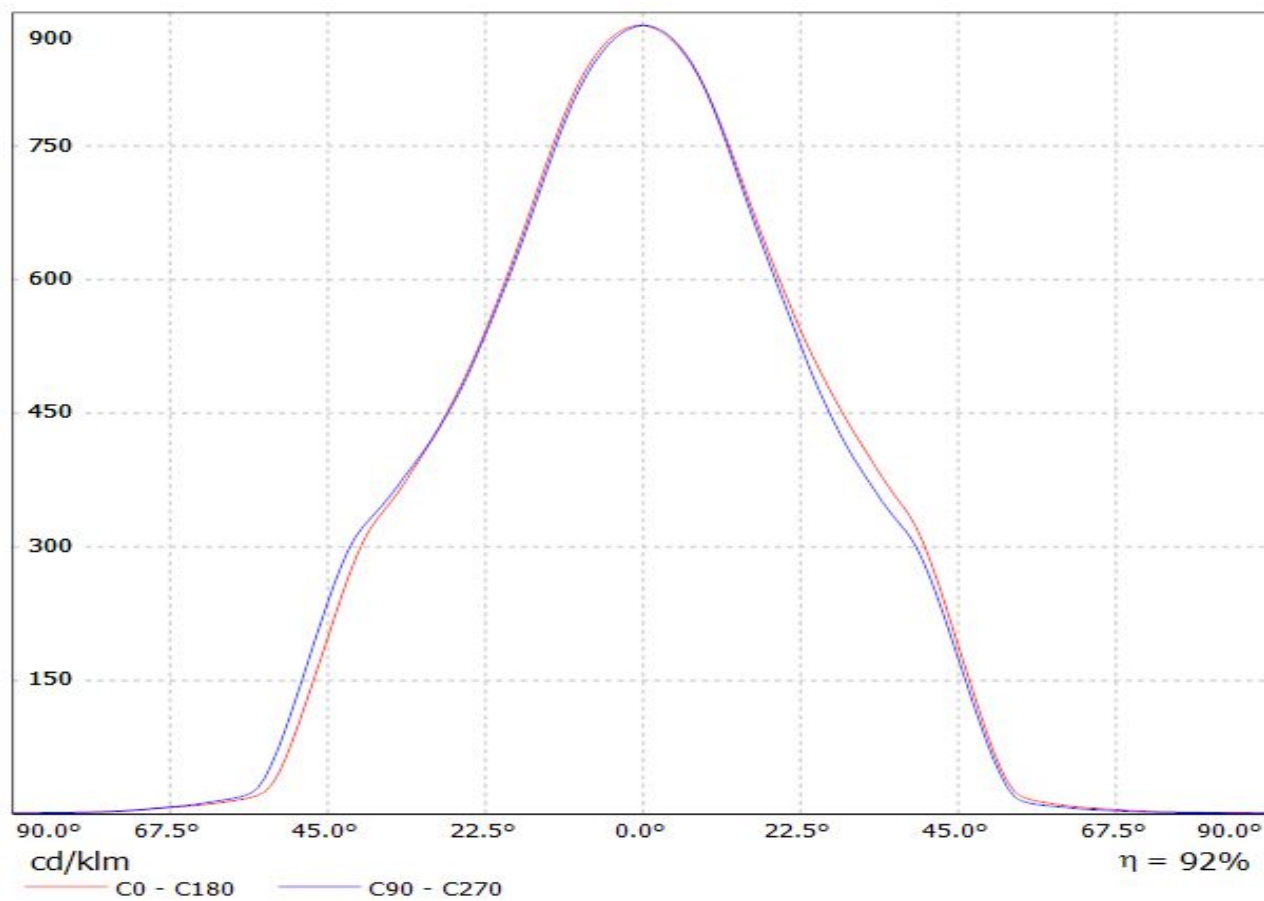


Luminaire: LEDiL Oy F13661_ANGELINA-W-B_(CXA2590)
Lamps: 1 x CREE_CXA2590_(CXA2590-30F-Z4-RPH-00001)
_837.275lm@100mA_CCT=3000K_P=6.36316W_I=100.1mA

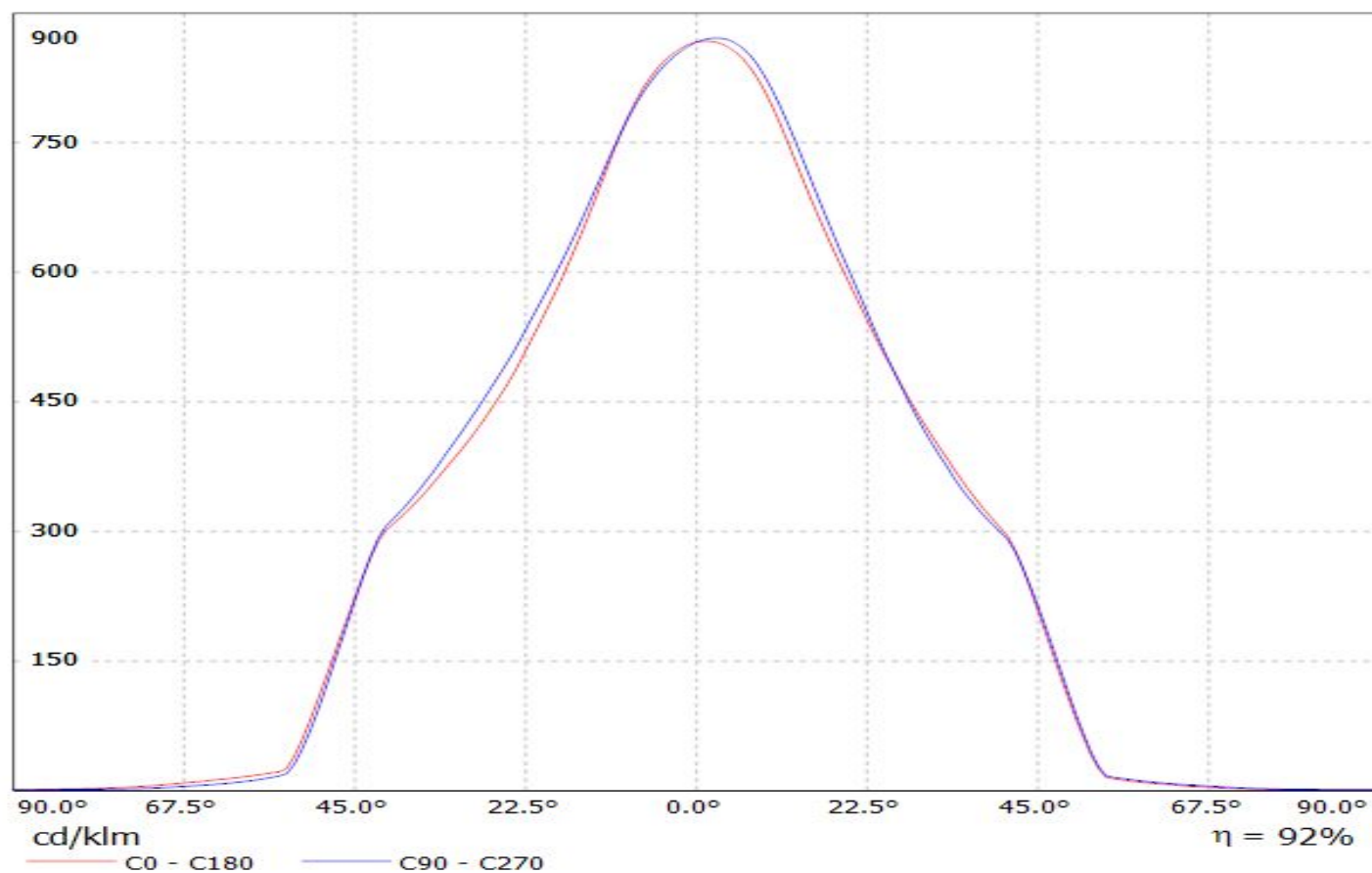


Luminaire: LEDiL Oy F13661_ANGELINA-W-B_(SLE G4 LES23)

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

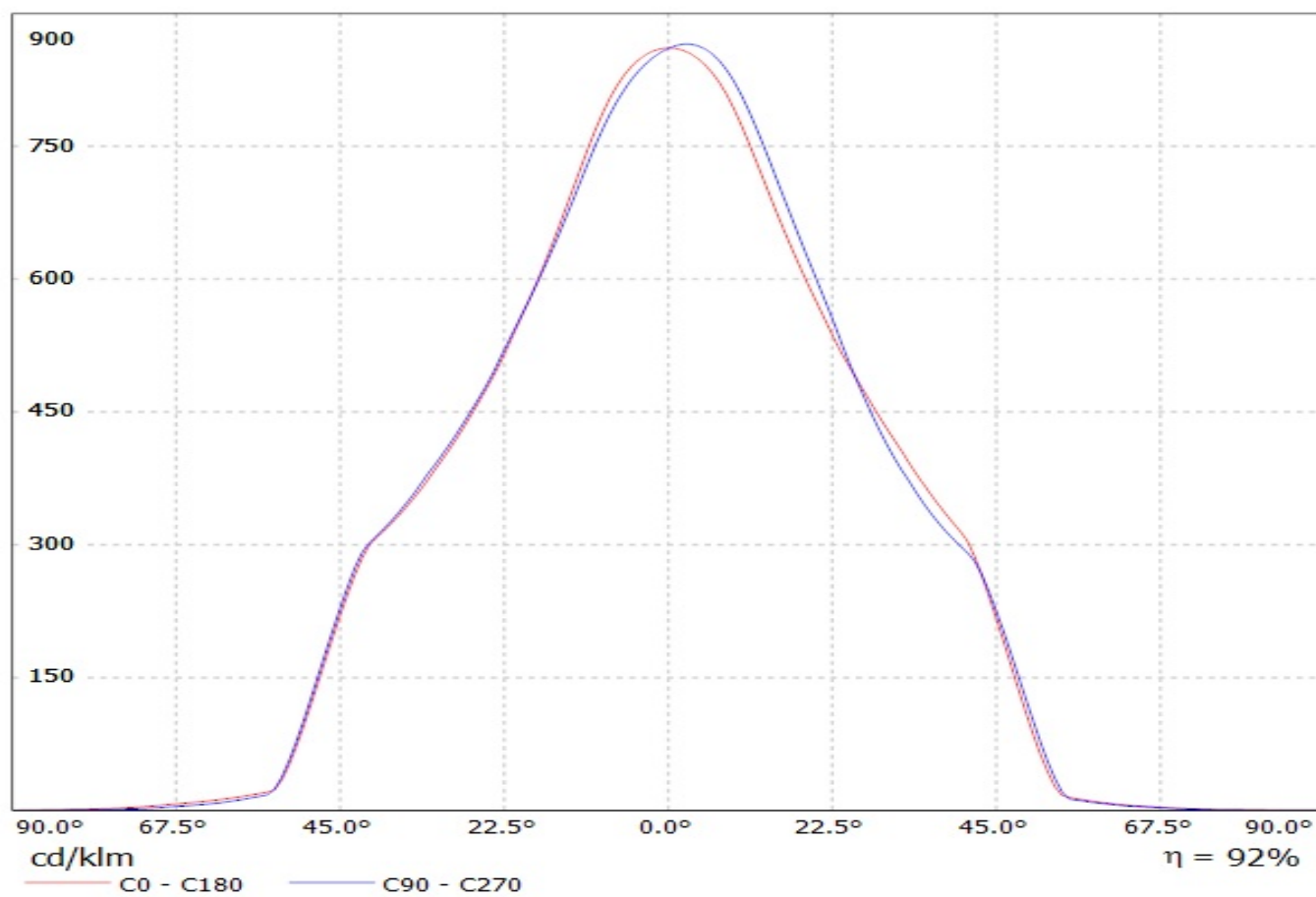


Luminaire: LEDiL Oy F13661_ANGELINA-W-B_(Luxeon_CoB_1211)
Lamps: 1 x LUXEON_COB_1211_(LHC1-2790-1211)
_923.583lm@250mA_CCT=2700K_P=8.00909W_I=249.8mA

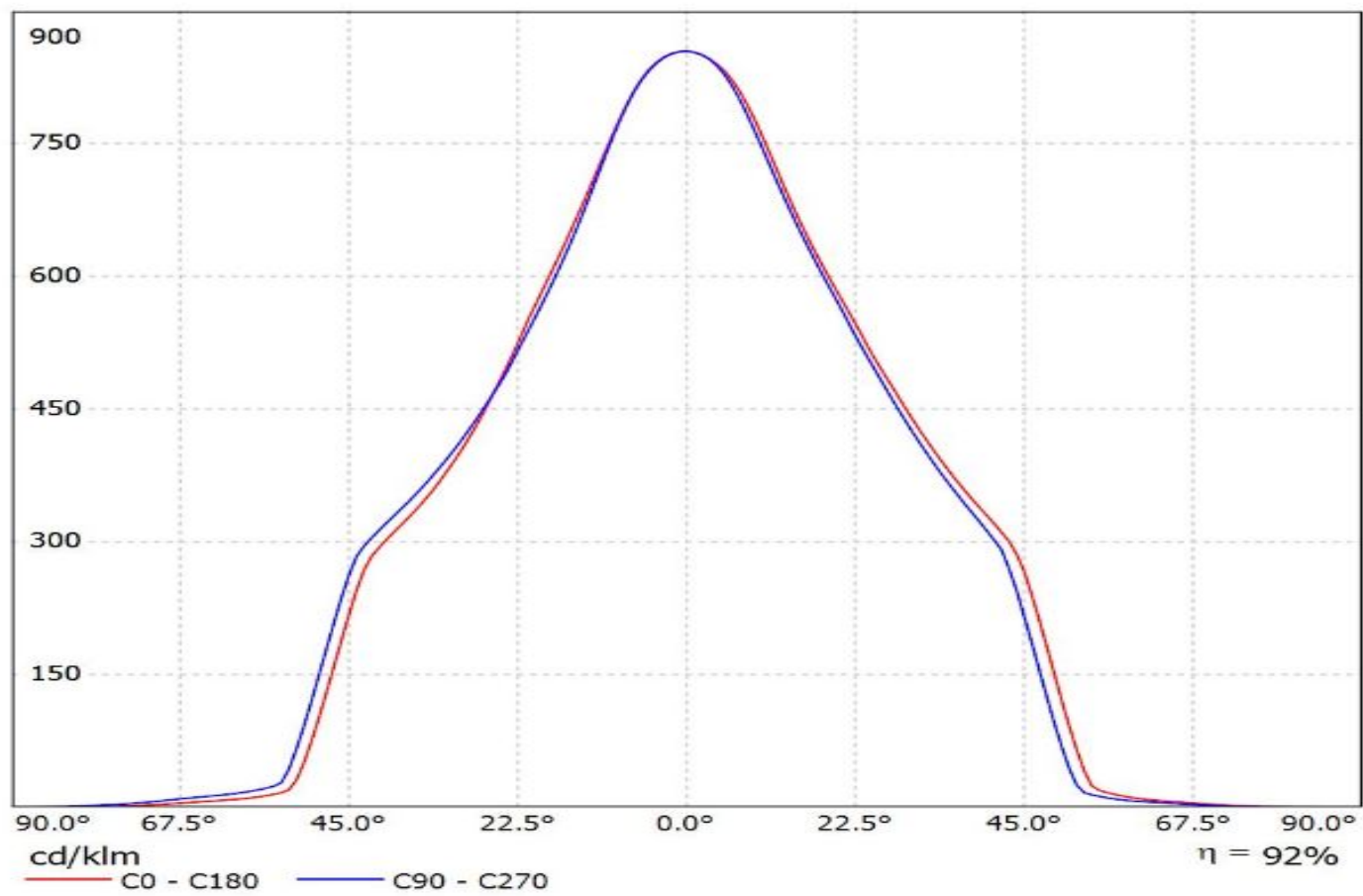


Luminaire: LEDiL Oy F13661_ANGELINA-W-B_(Luxeon_CoB_1211)_(BJB2030)

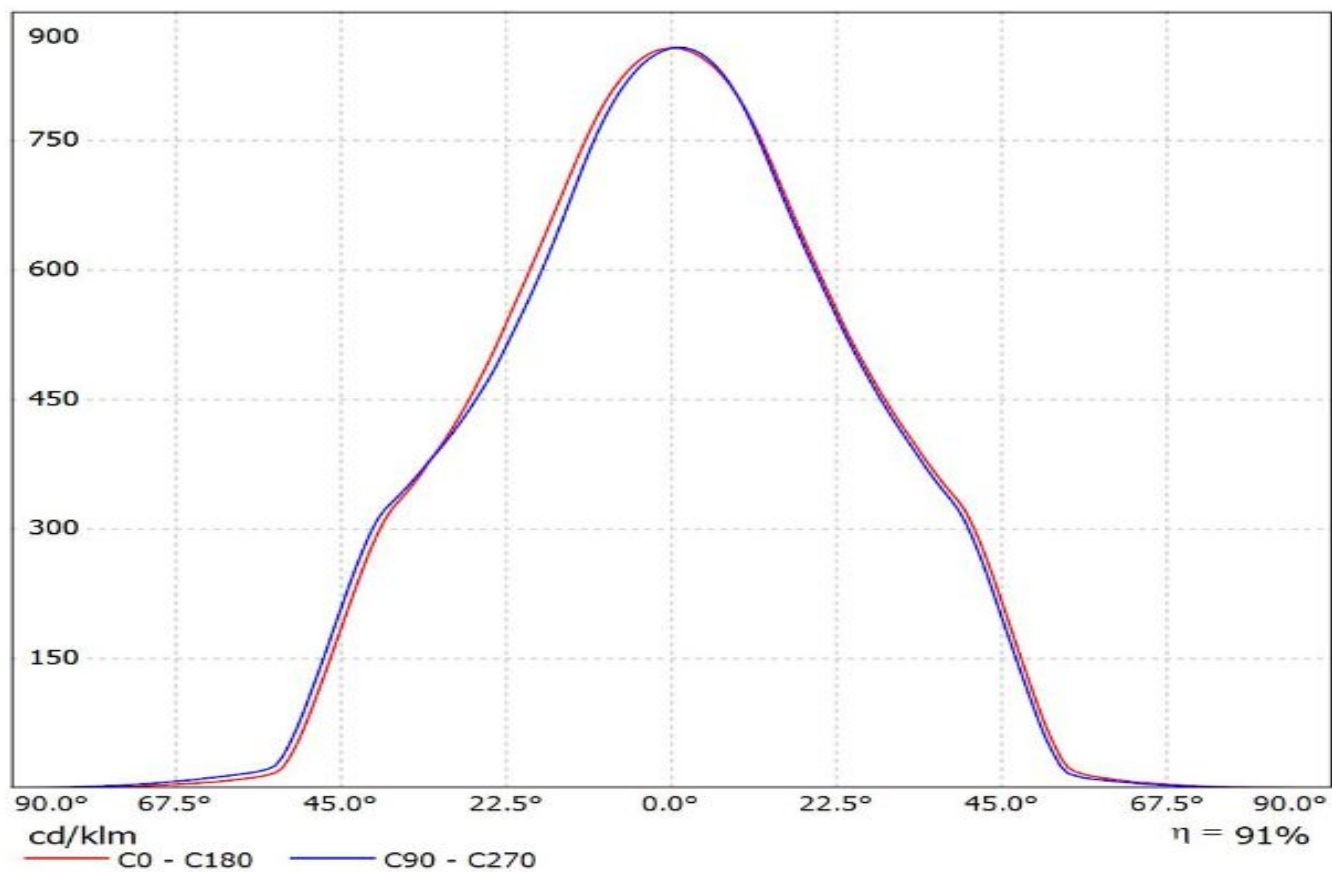
Lamps: 1 x Luxeon_CoB_1211_(LHC1-5780-1211)_(BJB2030)_1330.16lm@250mA_P=8.03503W_η=0.2499A



Luminaire: Ledil F13661_ANGELINA-W-B_(V15+BJB)
Lamps: 1 x Bridgelux_V15_+47.319.2224_1096.43lm@250mA_P=8.2647W_I=0.25A



Luminaire: LEDiL Oy F13661_ANGELINA-W-B_(SLE-G5_LES-23)
Lamps: 1 x Tridonic_SLE-G5_LES-23_1371.74lm@250mA_P=8.1065W_I=0.250A

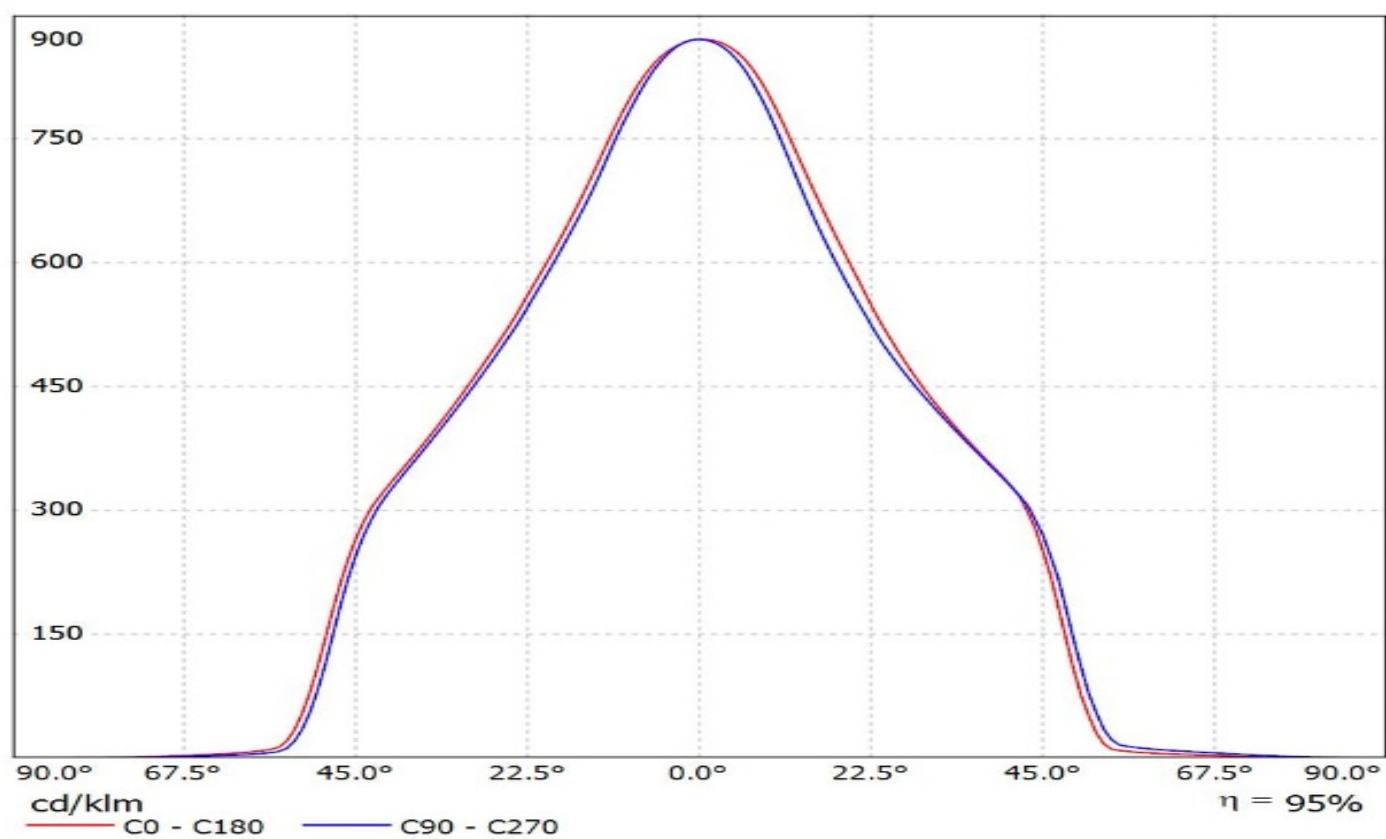


Ledil F13661_ANGELINA-W-B_(Luxeon_K16)_(47_319_2070) / LDC (Linear)

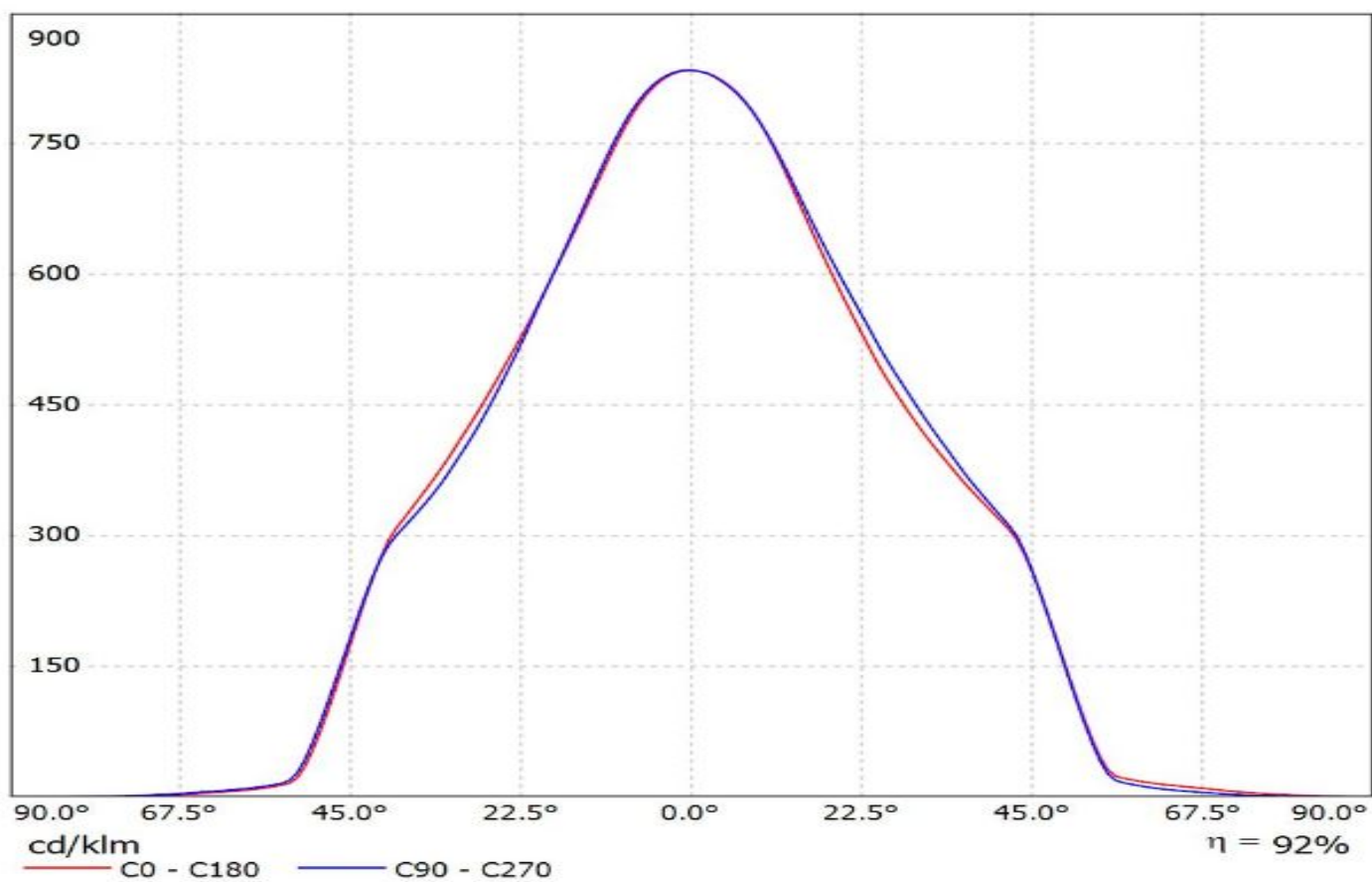
Luminaire: Ledil F13661_ANGELINA-W-B_(Luxeon_K16)_(47_319_2070)

Lamps: 1 x Philips_Lumileds_Luxeon_K16_(BJB.47.319.2070)

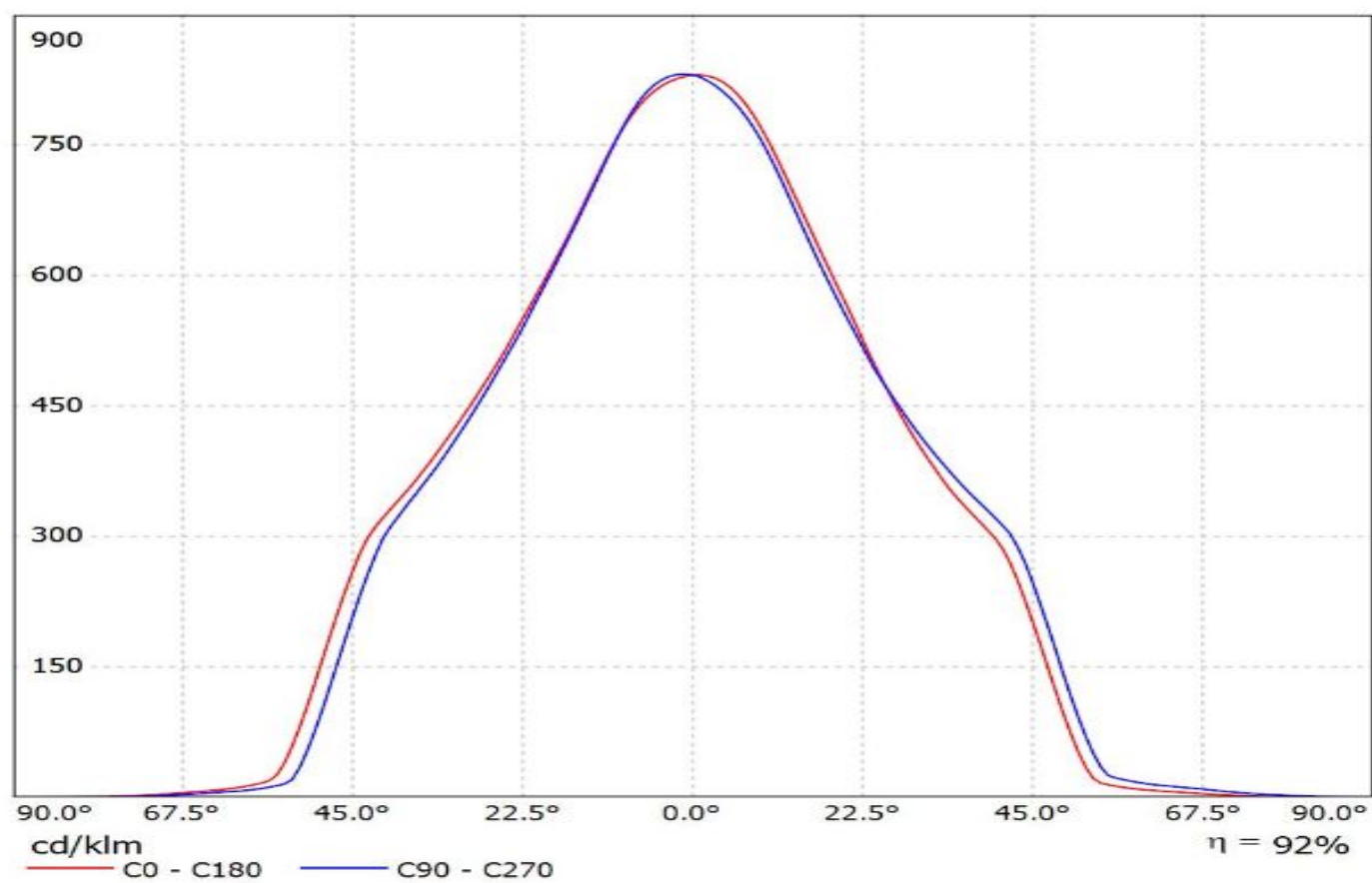
_1276.25lm@250mA_P=10.95525W_I=0.250A



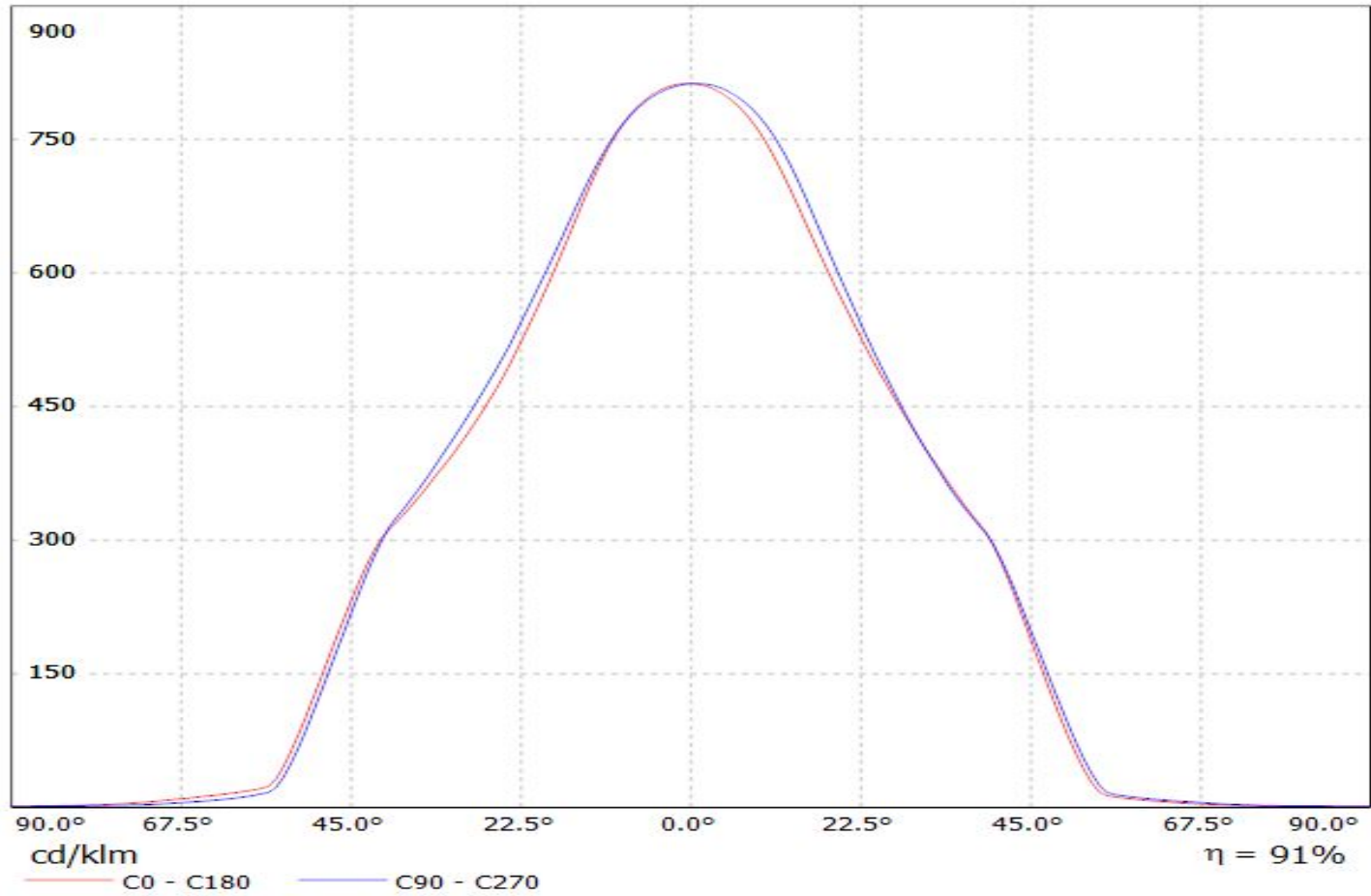
Luminaire: Ledil F13661_ANGELINA-W-B_(CXB2540+_BJB_47.319.2140)
Lamps: 1 x CREE_CXB2540_(-40G-W4-N0H-00002)
+_BJB_47.319.2140_1412.99lm@250mA_CCT=40000K_P=8.1310W_I=0.25A



Luminaire: Ledil F13661_ANGELINA-W-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

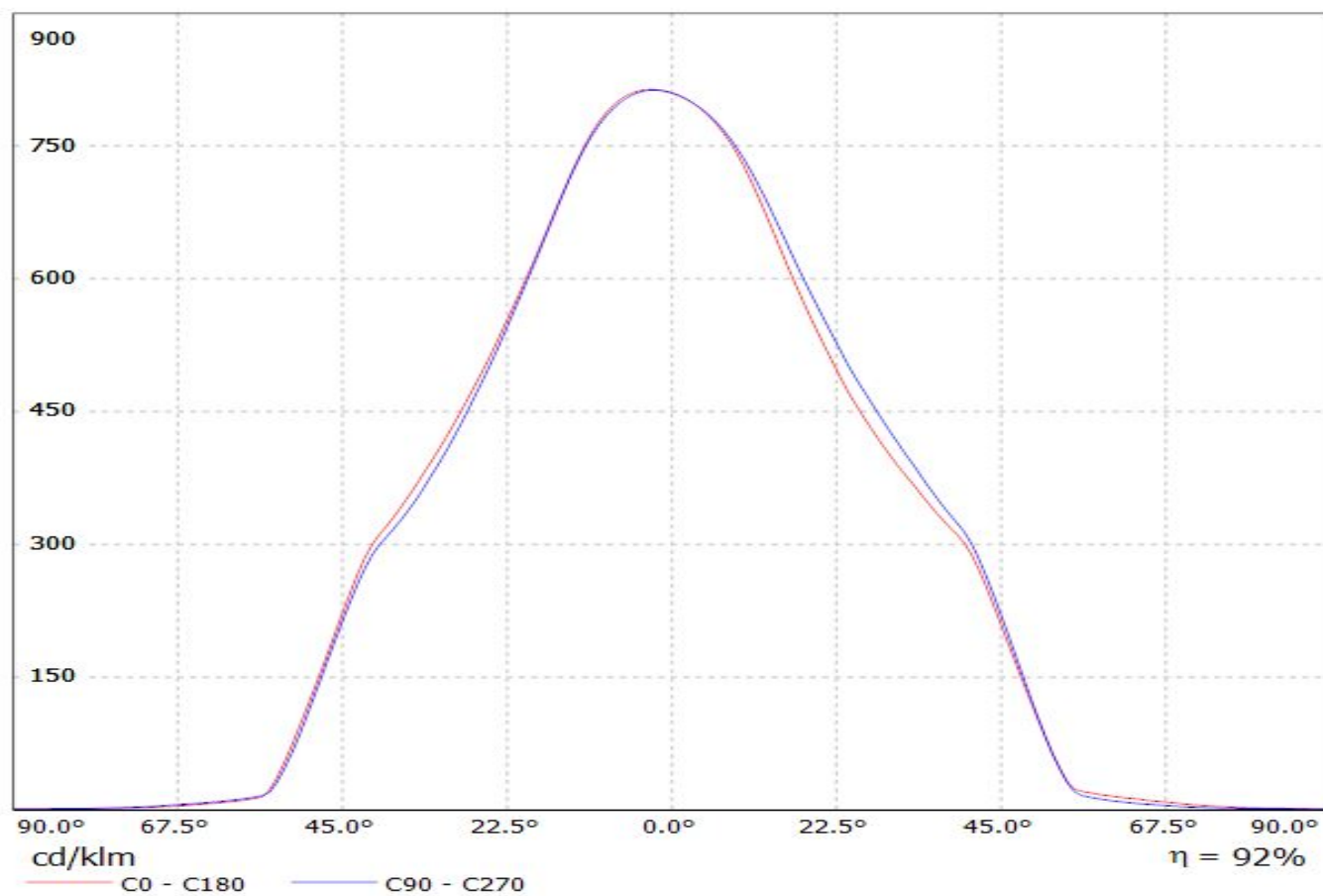


Luminaire: LEDiL Oy F13661_ANGELINA-W-B_(COB_40W)
Lamps: 1 x LG_COB_40W_1163.31lm@250mA_CCT=3000K_P=8.04906W_I=249.8mA



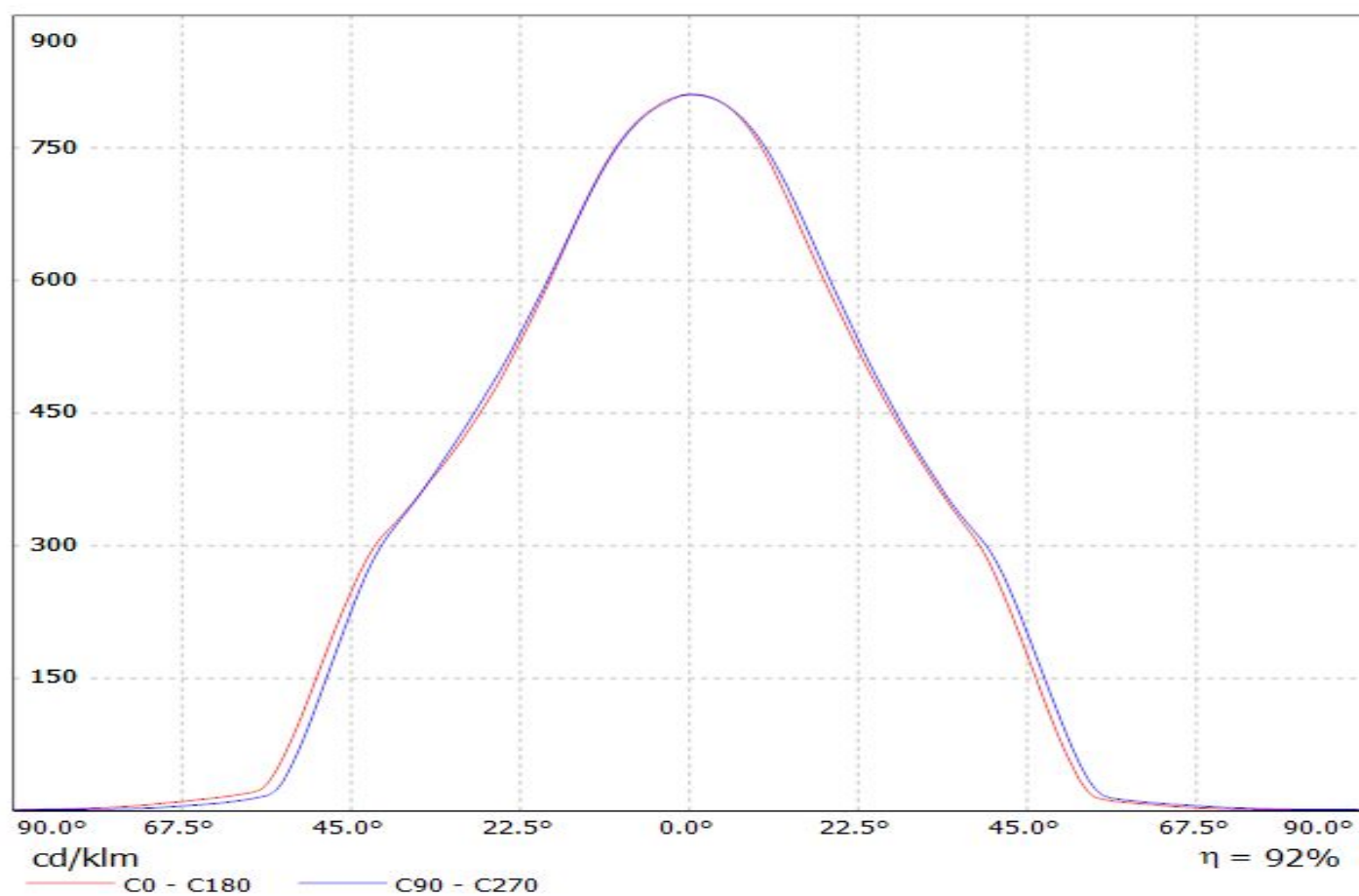
Luminaire: LEDiL Oy F13661_ANGELINA-W-B_(CLU044)

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

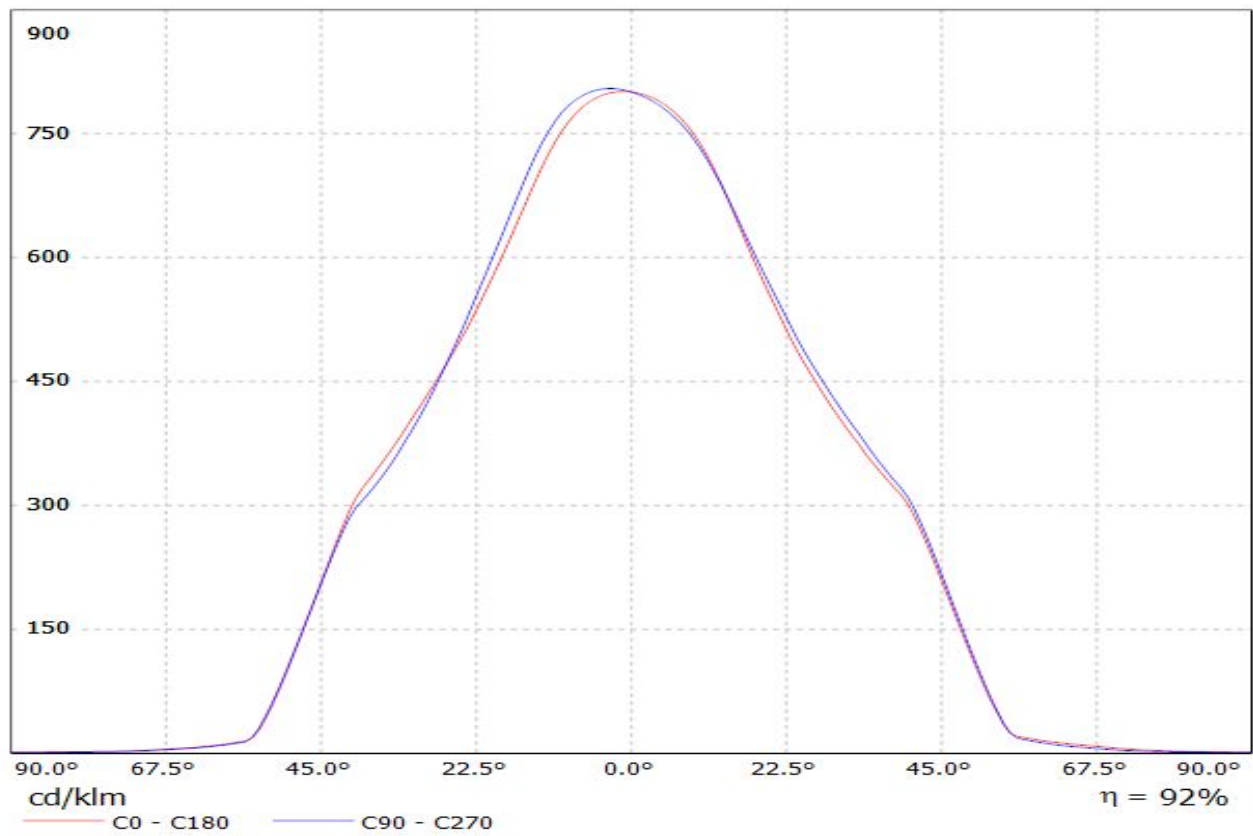


Luminaire: LEDiL Oy F13661_ANGELINA-W-B_(ZC40)

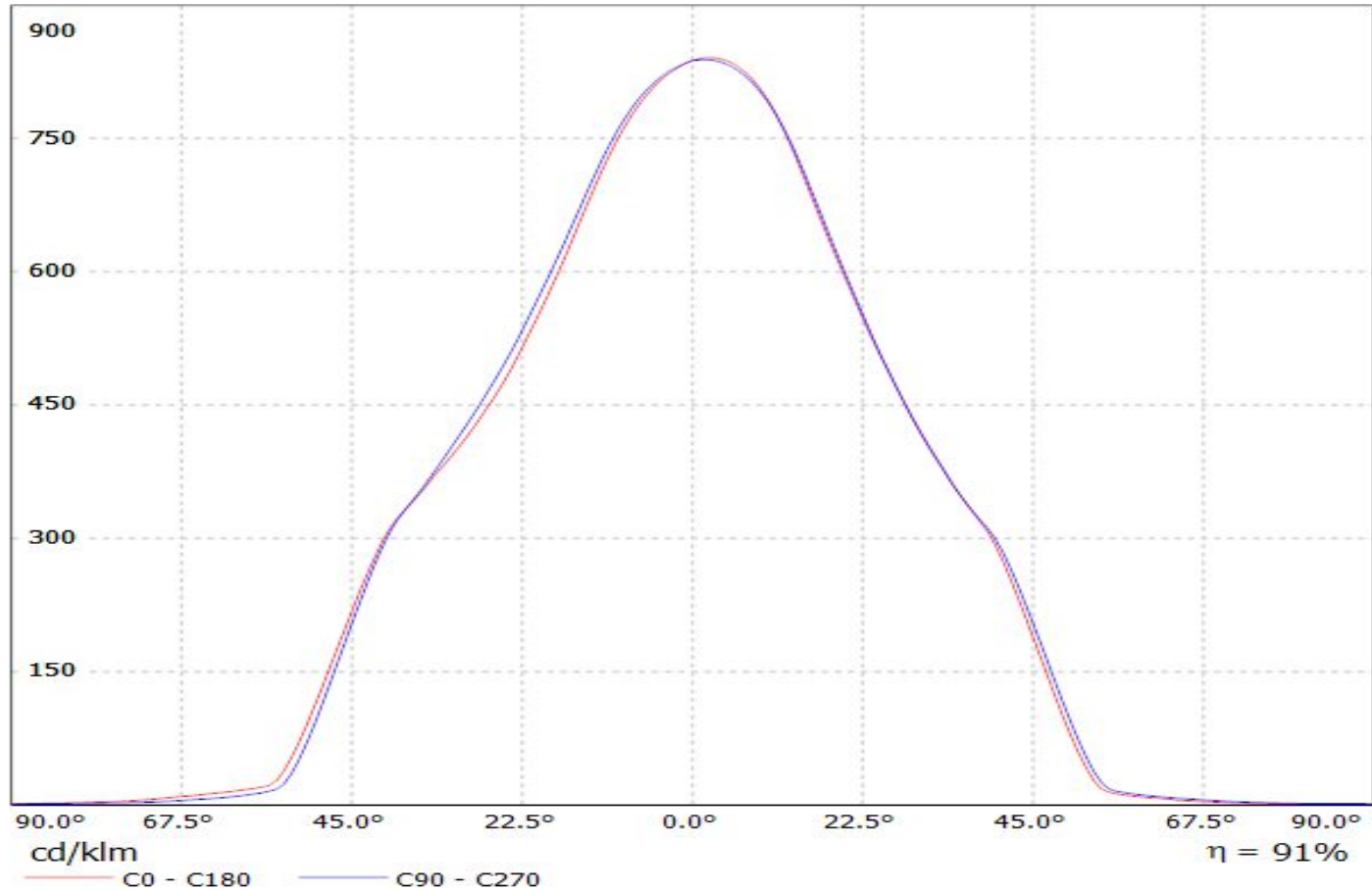
Lamps: 1 x SEOUL_ZC40_(SBWW5F1B)_1185.55lm@250mA_P=8.2384W_I=249.8mA



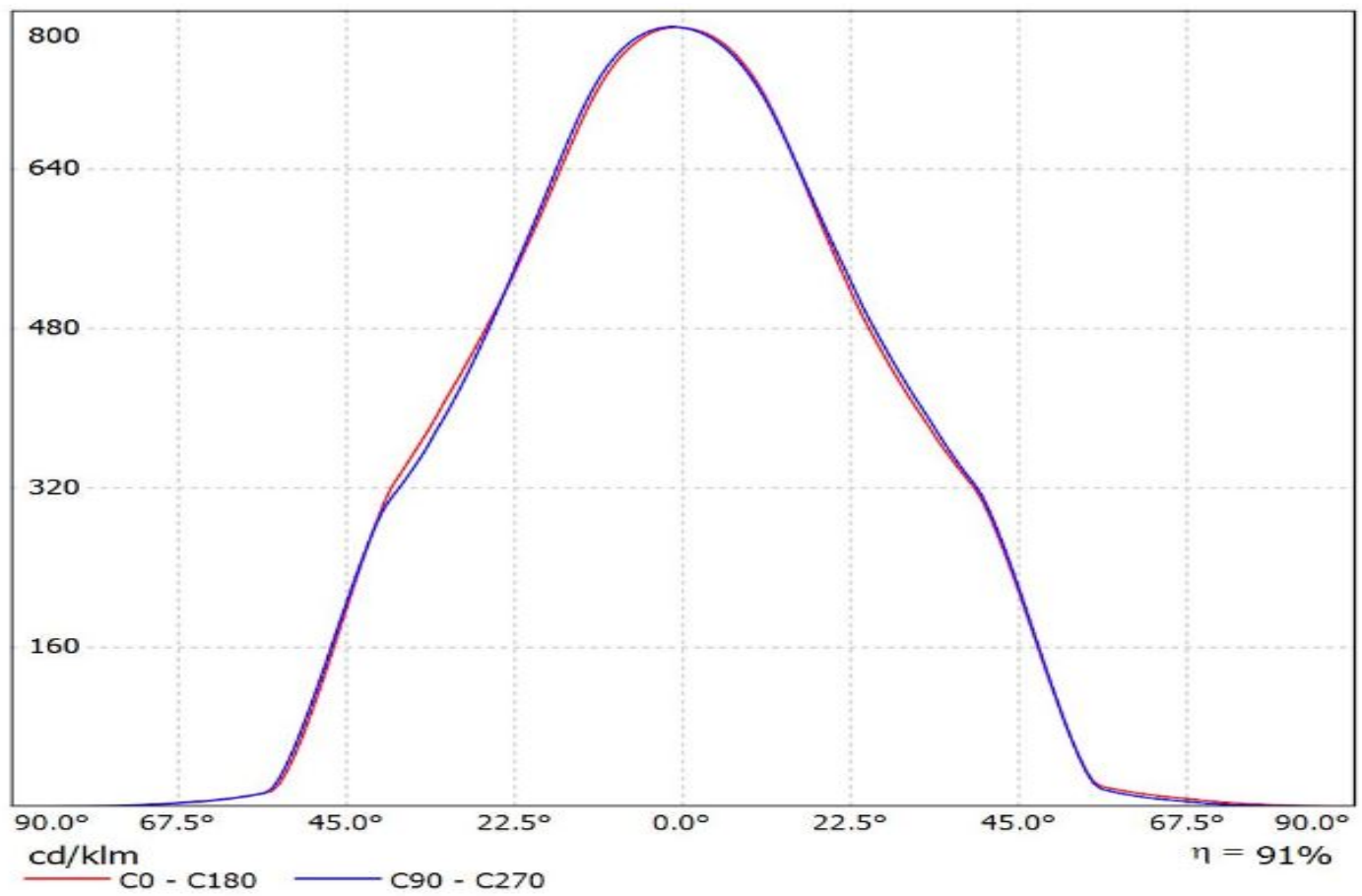
Luminaire: LEDiL Oy F13661_ANGELINA-W-B_(CXM-22) Eff.91.6%
Lamps: 1 x LUMINUS_CXM-22_1221.8lm@250mA_P=8.00809W_CCT=3000K_I=249.8mA



Luminaire: LEDiL Oy F13661_ANGELINA-W-B_(CXA30)
Lamps: 1 x Cree_CXA30_(CXA3050-3C0-Y2-N0H)_1395.36lm@250mA_P=8.20318W_I=249.8mA

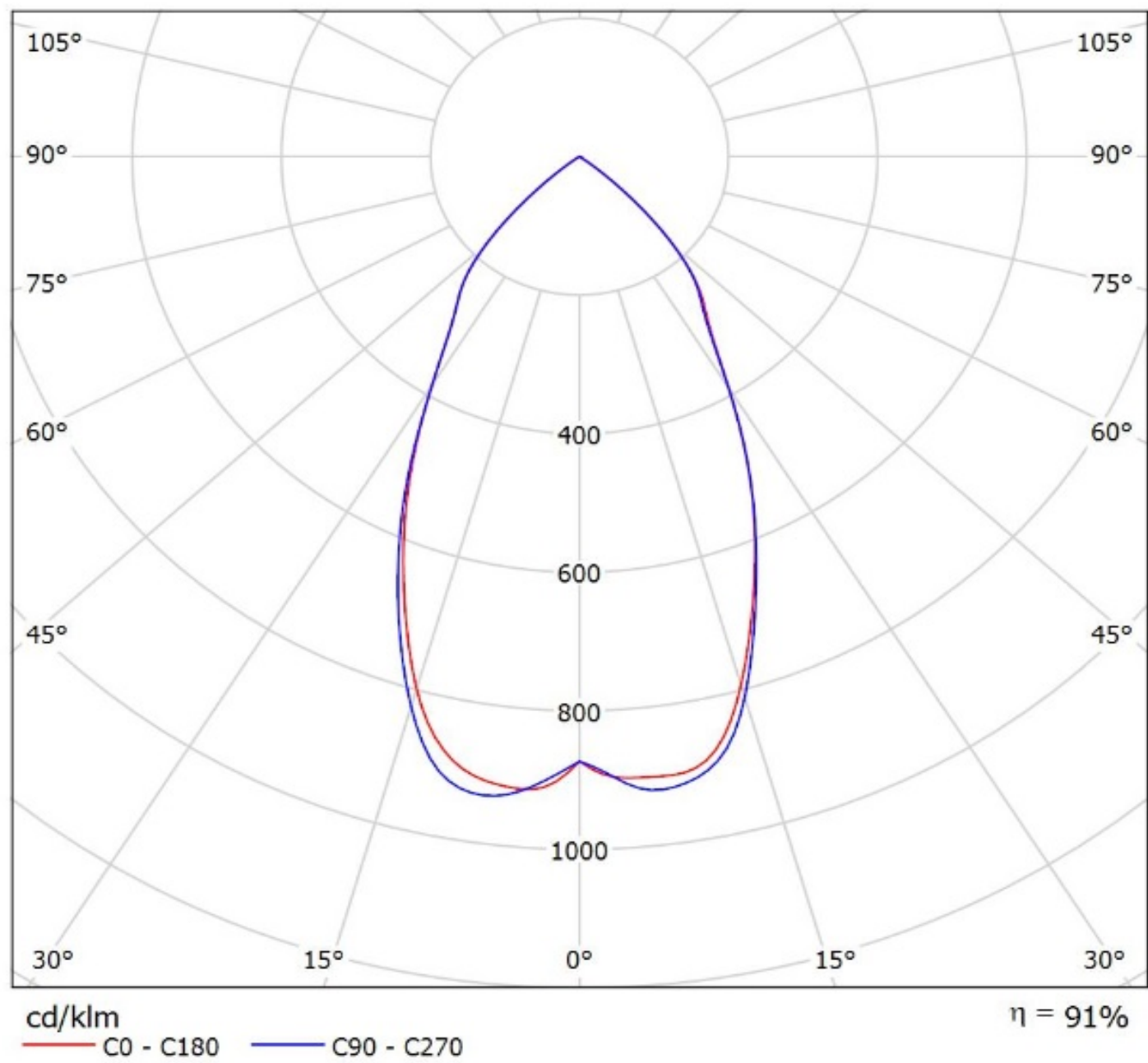


Luminaire: Ledil F13661_ANGELINA-W-B_(CoB_1216)
Lamps: 1 x Luxeon_CoB_1216_(L2C2-40801216E2300)_1478.53lm@250mA_P=8.0068W_I=0.25A



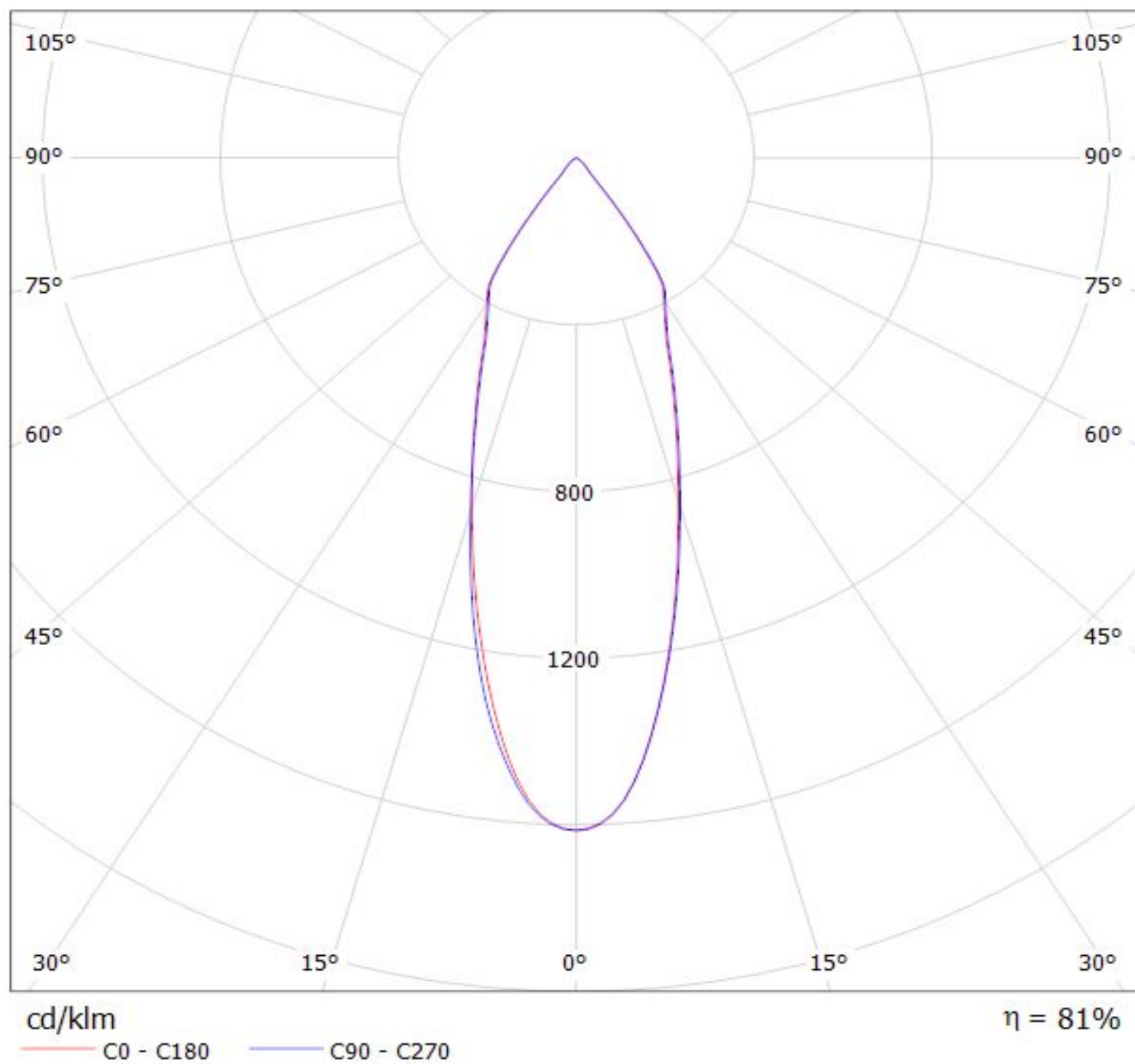
Luminaire: Ledil Oy F13661_ANGELINA-W-B_(CLU048)_(47_319_2030)_SIMULATED

Lamps: 1 x Citizen CLU048 (CLU048-1212C4-303M2K1) + BJB connector 47.319.2030



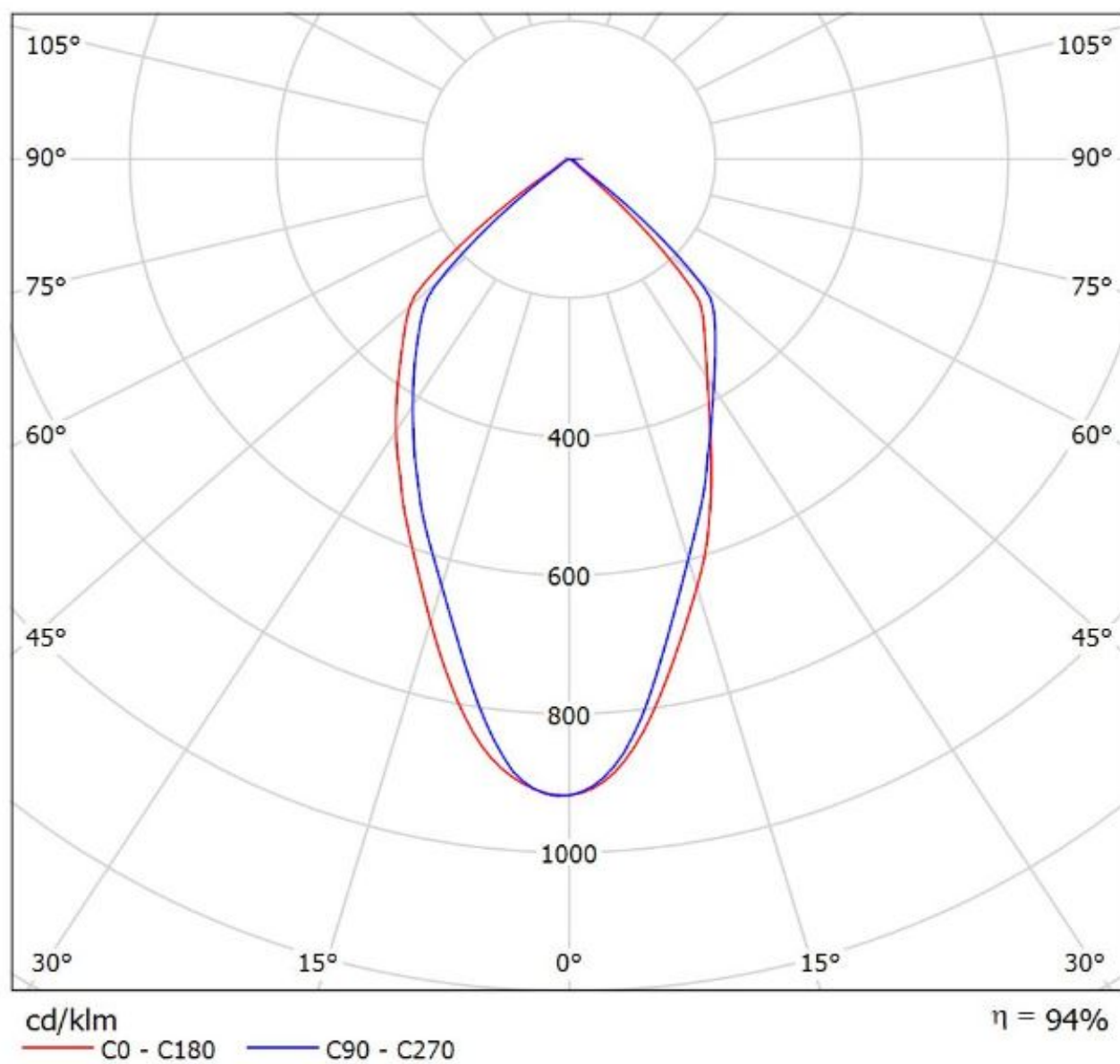
Luminaire: LEDiL Oy F13661_ANGELINA-W-B_(SLE GEN4 LES19)

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



Luminaire: LEDiL Oy F13661_ANGELINA-W-B_(SOLERIQ_P13) Eff.93.6%

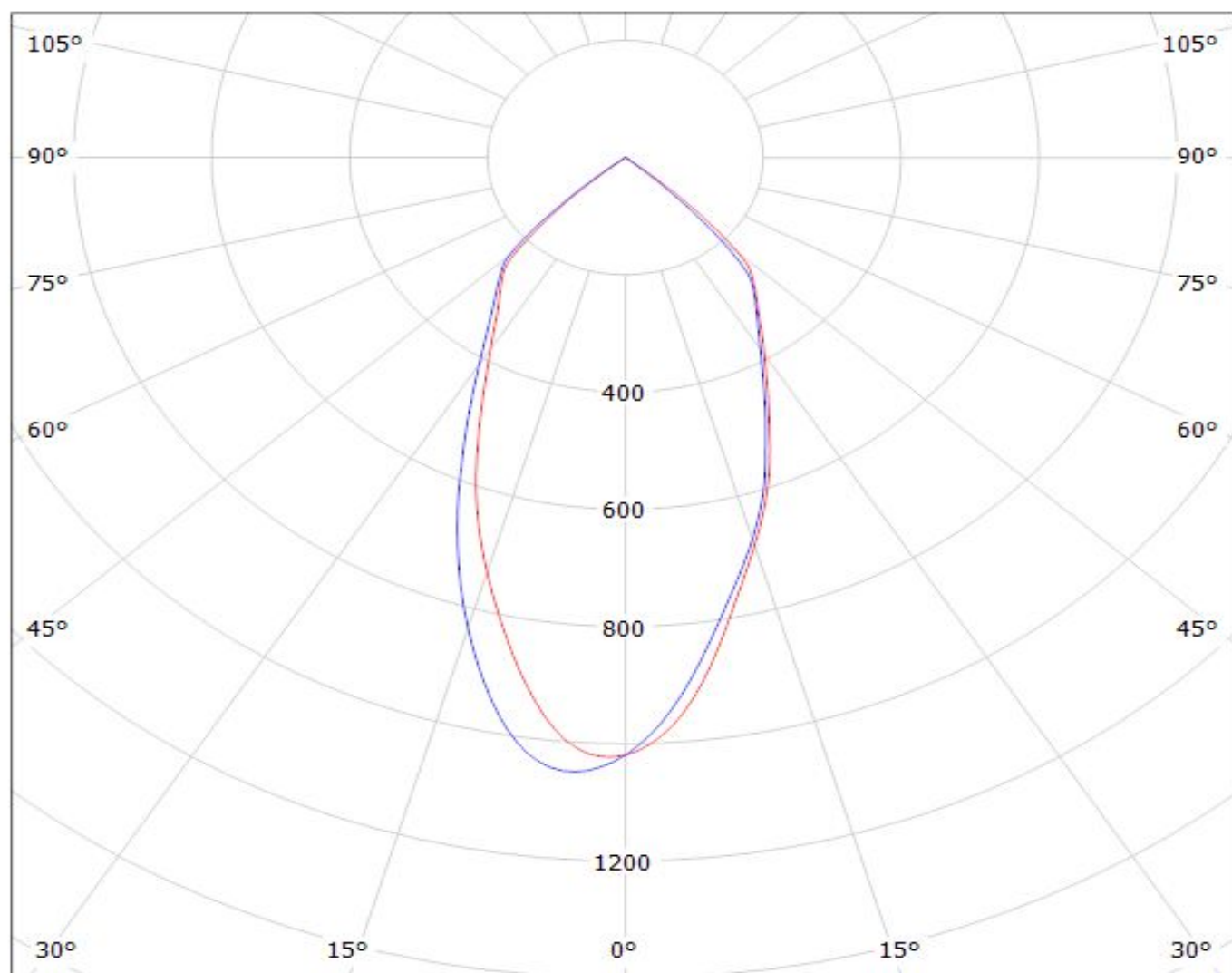
Lamps: 1 x SOLERIQ_P13_(GW_MAGMB1.EM)_1053.65lm@250mA_CCT=3000K_P=8.82044W_I=249.8mA



LEDiL Oy C13661_ANGELINA-W-B_(CLL030) Eff.92.0% / LDC (Polar)

Luminaire: LEDiL Oy C13661_ANGELINA-W-B_(CLL030) Eff.92.0%

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



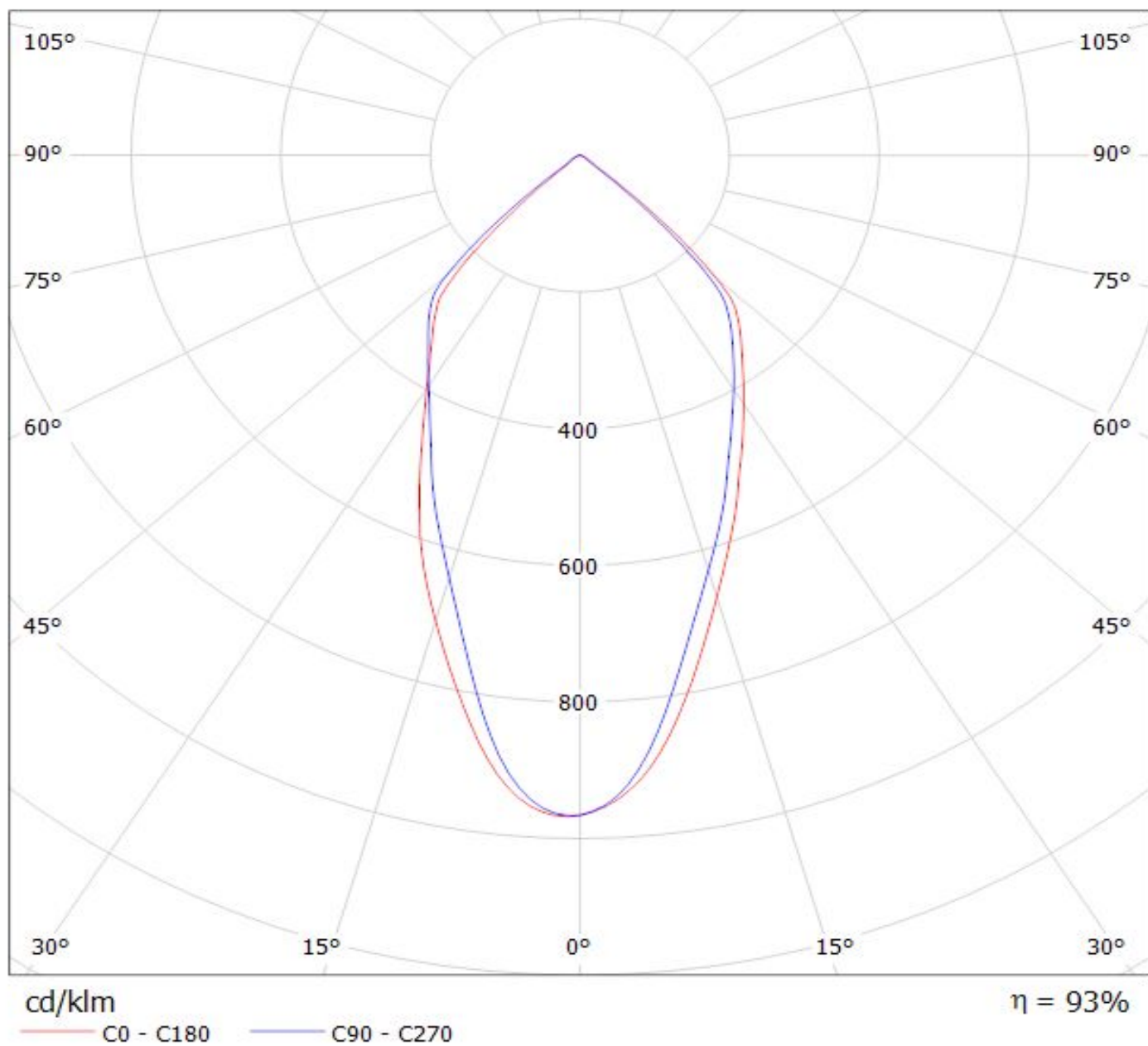
cd/klm

— C0 - C180

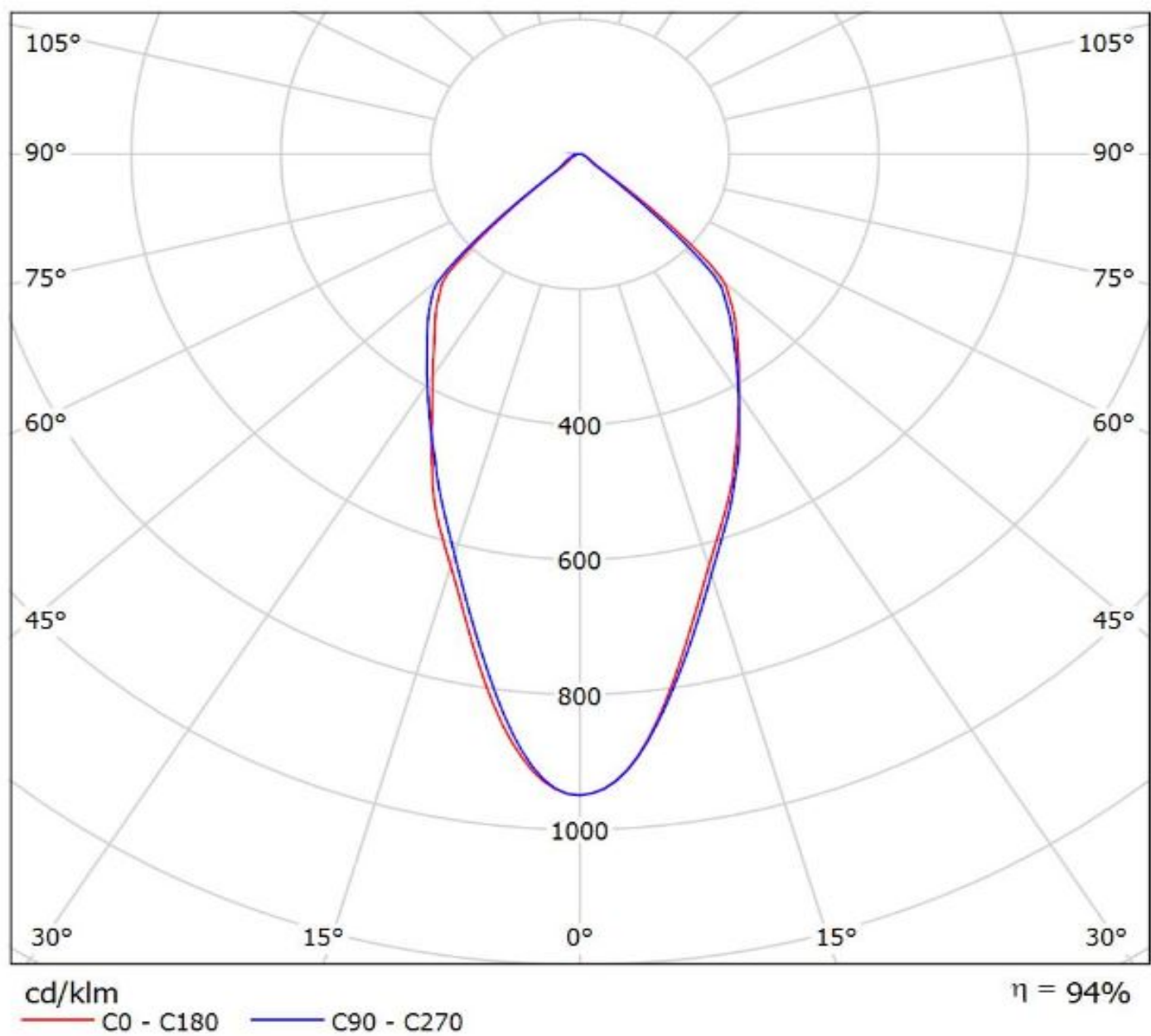
— C90 - C270

$\eta = 92\%$

Luminaire: LEDiL Oy F13661_ANGELINA-W-B_(CXM-14)
Lamps: 1 x LUMINUS_XNOVA_CXM-14_(AC00)
_1049.18lm@250mA_CCT=3126K_P=8.31834W_I=249.8mA

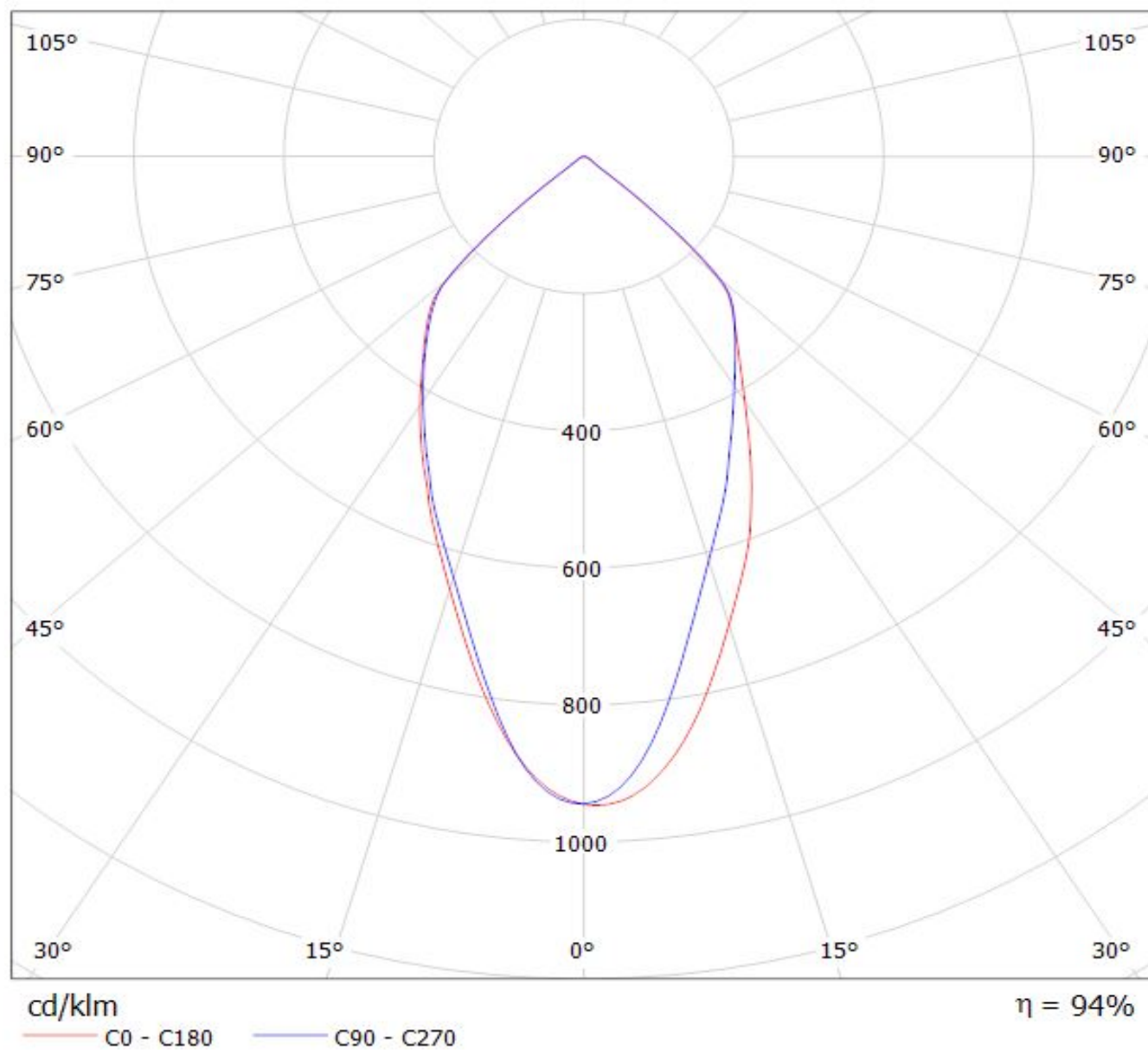


Luminaire: Ledil F13661_ANGELINA-W-B_(CITIZEN_CLU720)
Lamps: 1 x CITIZEN_CLU720_(CLU720-1206B8-273M2)
_1320.42lm@250mA_CCT=2700K_P=8.35W_I=0.25A



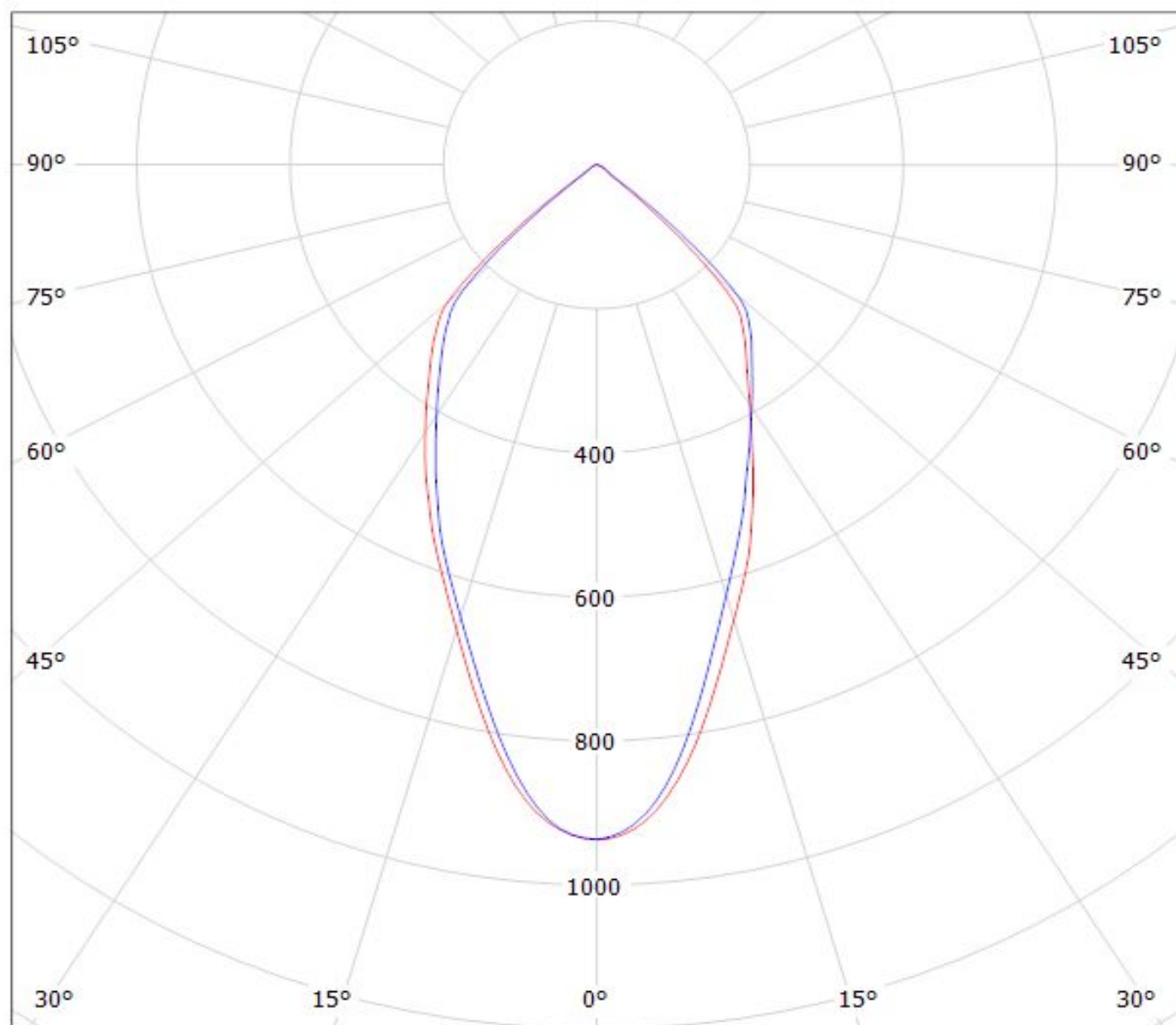
Luminaire: LEDiL Oy F13661_ANGELINA-W-B_(Soleriq_S13) Eff.94.0%

Lamps: 1 x Osram_Soleriq_S13_825.418lm@250mA_CCT=3125K_P=7.33663W_I=249.8mA



Luminaire: LEDiL Oy F13661_ANGELINA-W-B_(LG_COB_10W)

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



cd/klm

$\eta = 94\%$

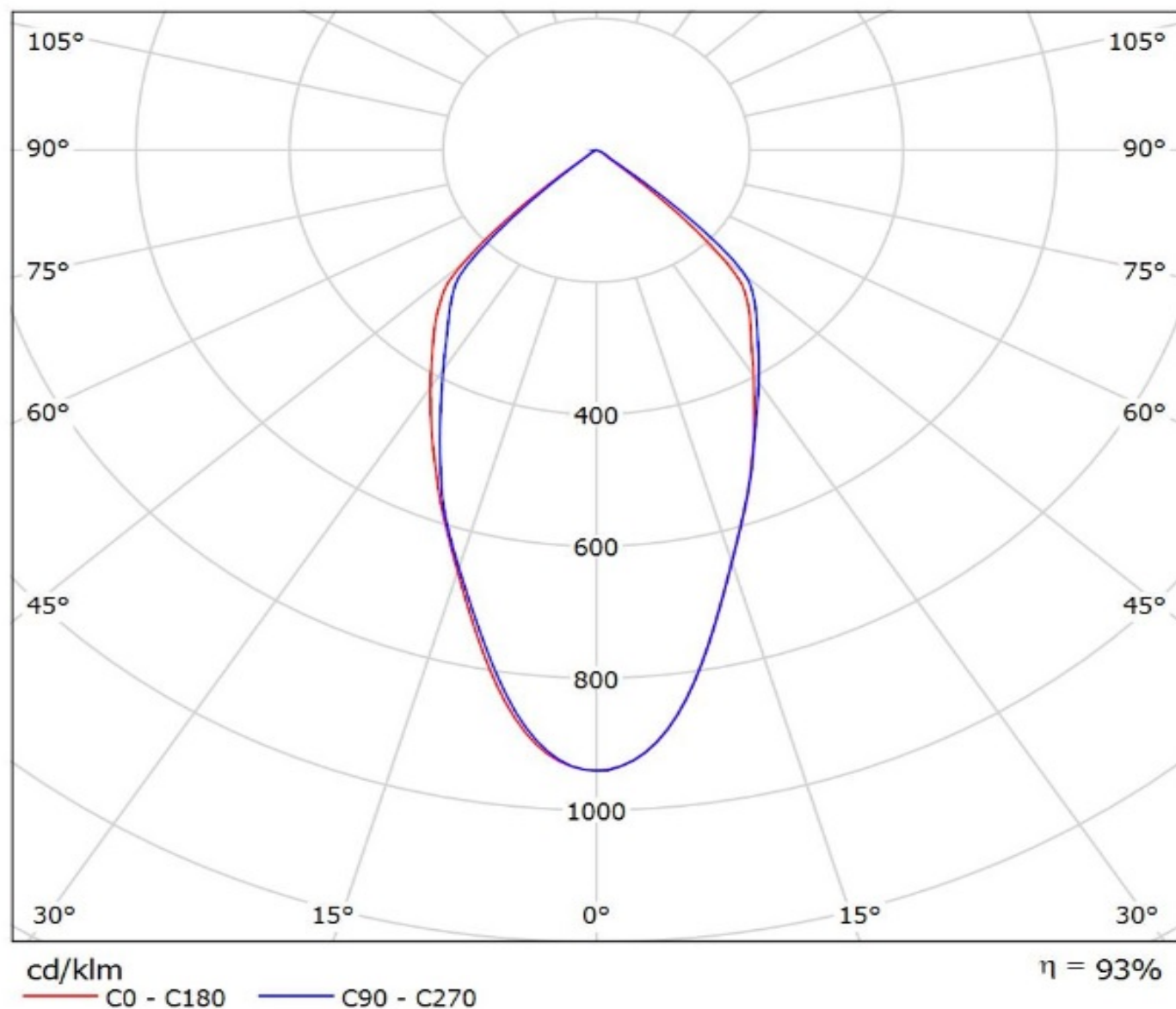
— C0 - C180

— C90 - C270

Ledil F13661_ANGELINA-W-B_(COB_10W)_(BJB_47_319_2080) / LDC (Polar)

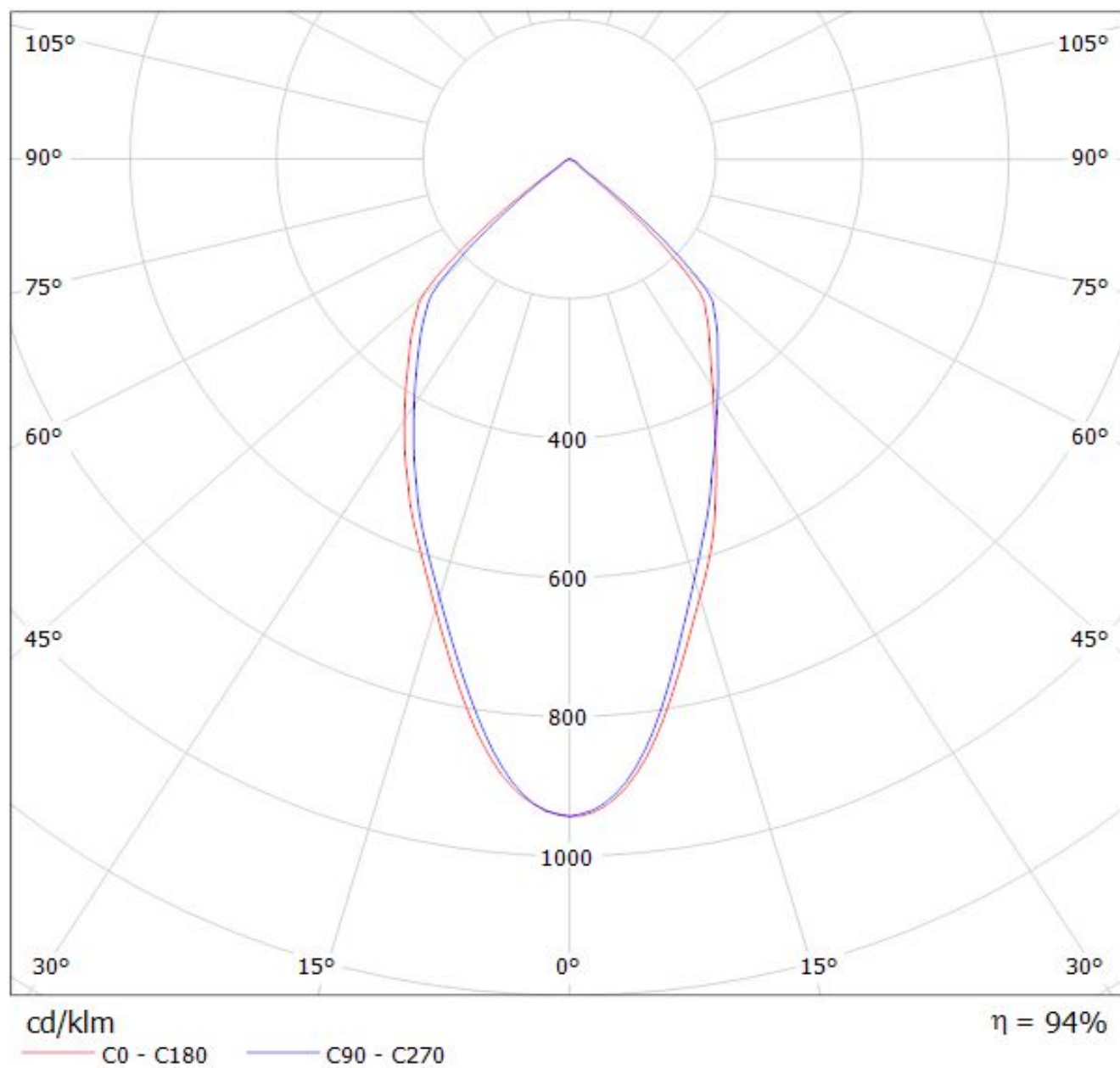
Luminaire: Ledil F13661_ANGELINA-W-B_(COB_10W)_(BJB_47_319_2080)

Lamps: 1 x LG_COB_10W_(LEMWM18580LG00)_(BJB_47.319.2080)
_947.453lm@250mA_P=9.342W_I=0.250A



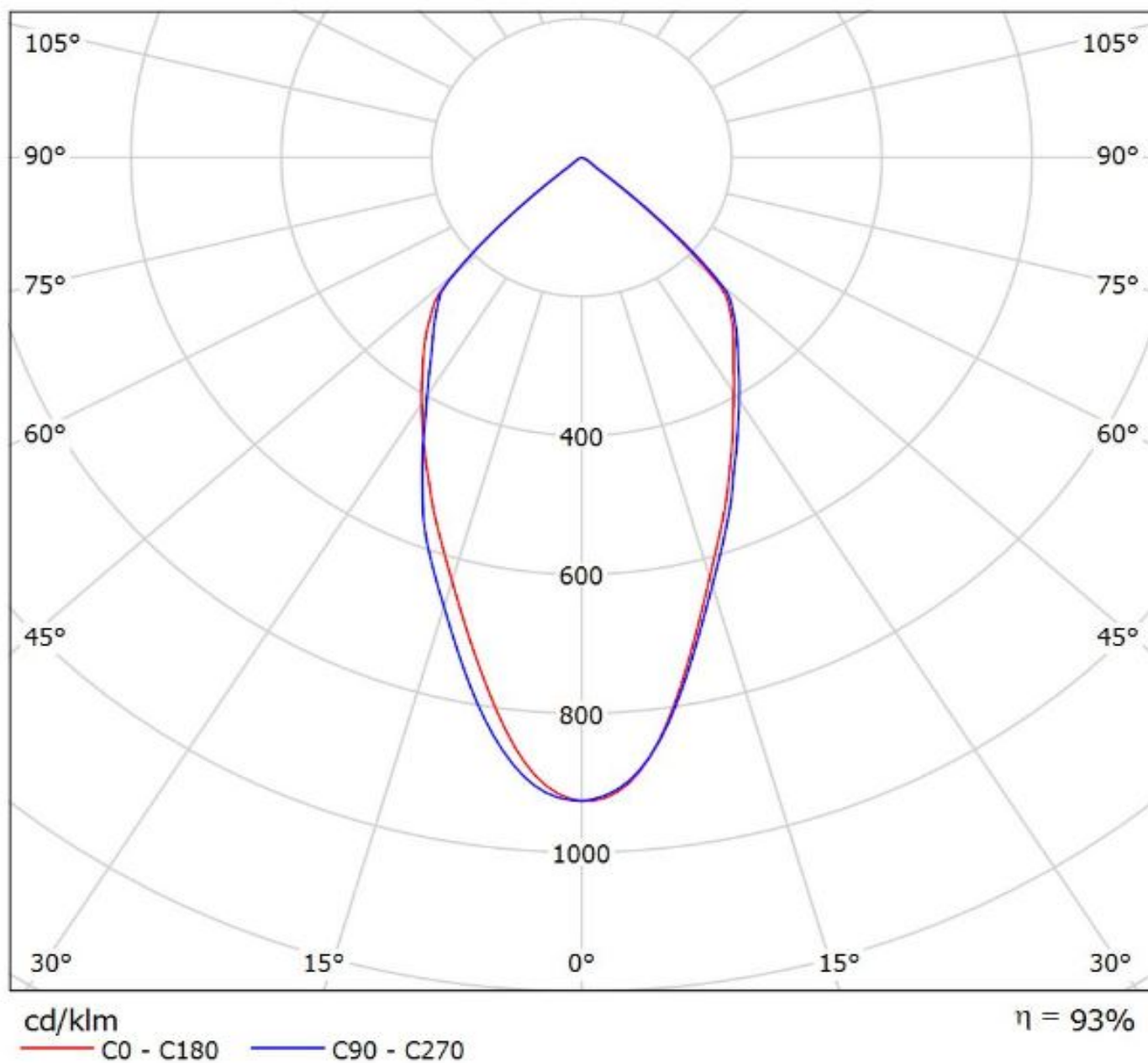
Luminaire: LEDiL Oy F13661_ANGELINA-W-B_(Luxeon_CoB_1205)

Lamps: 1 x LUXEON_COB_1205_(LHC1-3080-1205)_1115lm@250mA_CCT=3000K_P=11.183W_I=249.8mA

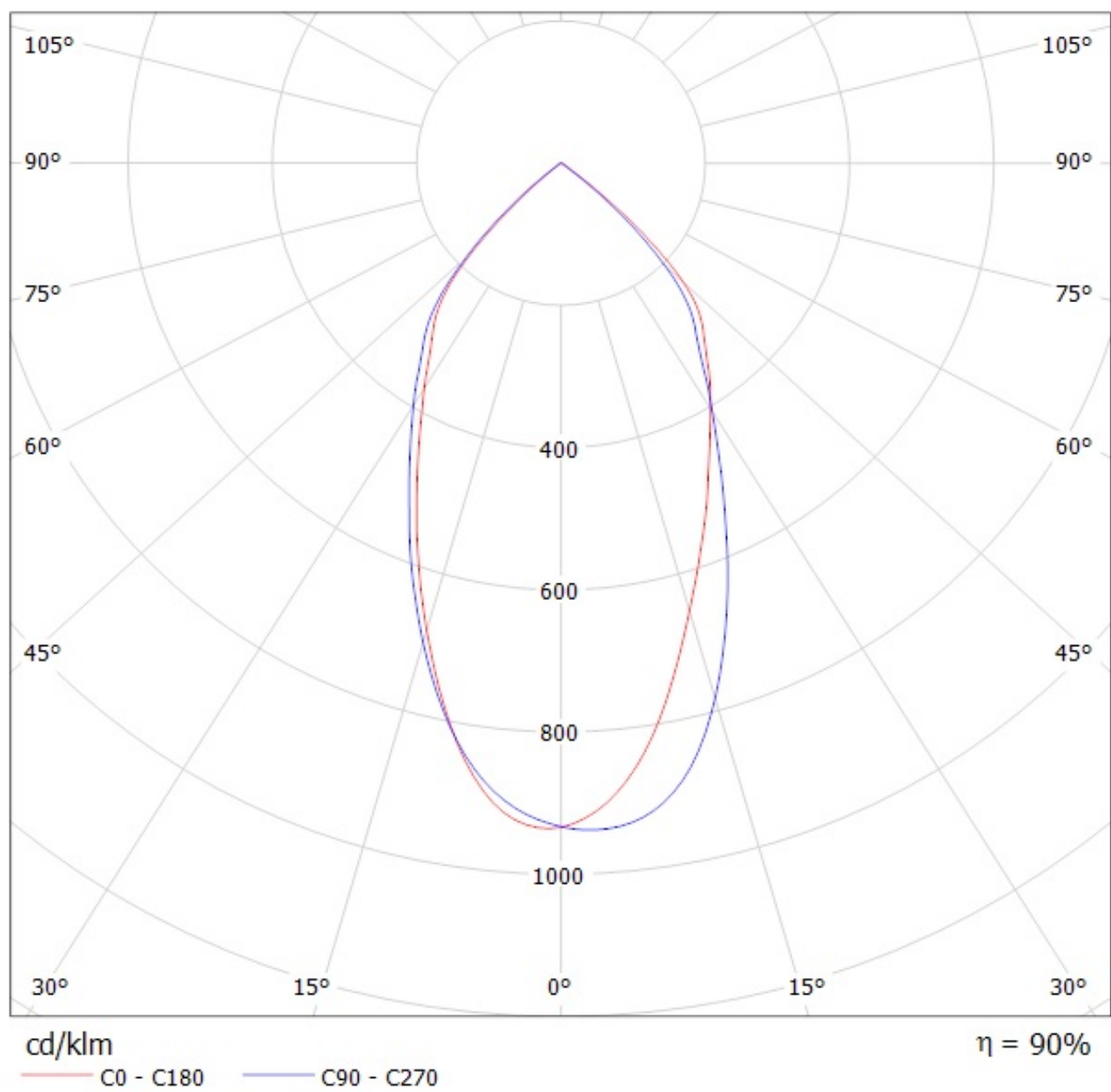


Luminaire: Ledil F13661_ANGELINA-W-B_(Soleriq_S13_G2)

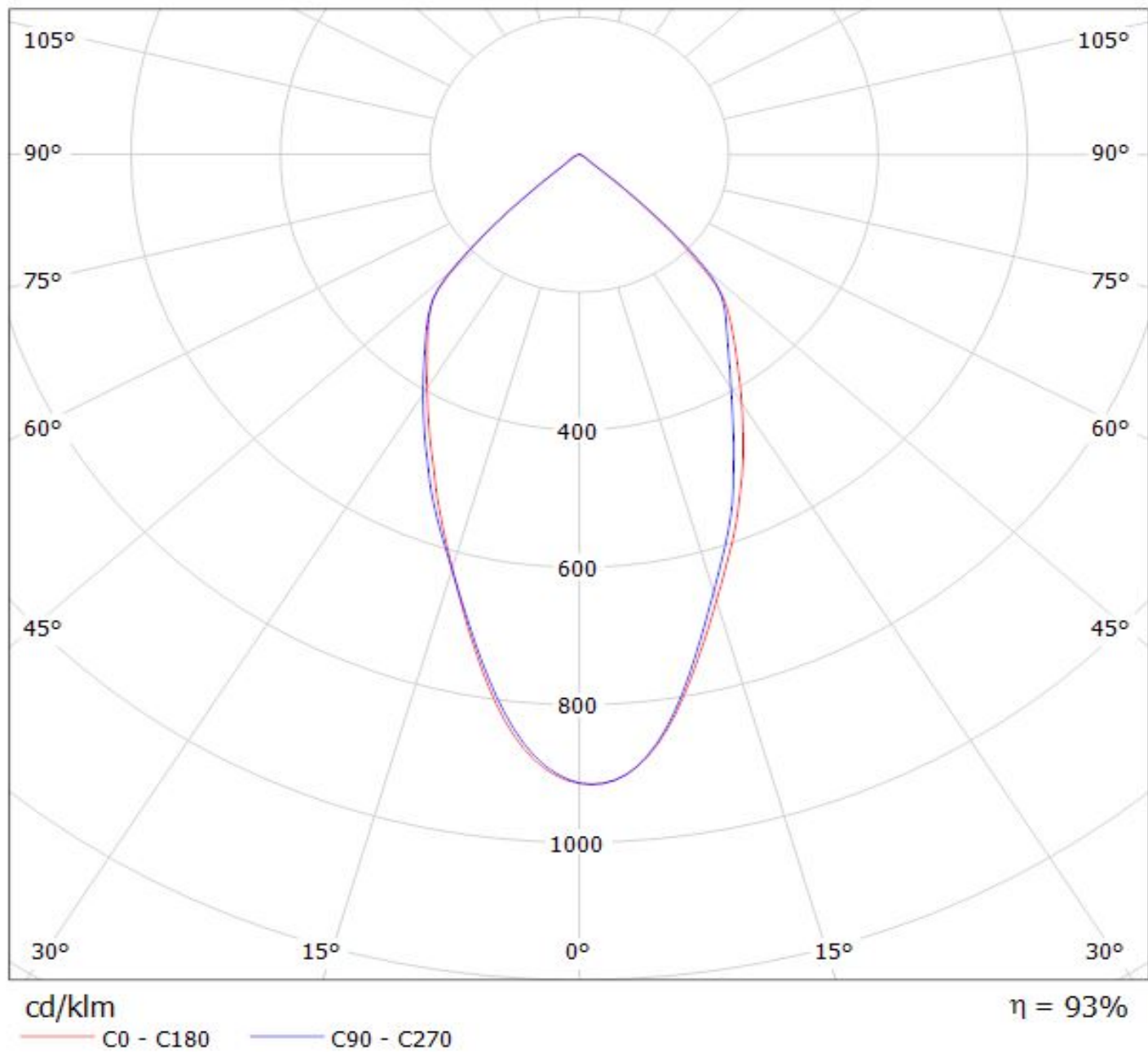
Lamps: 1 x Osram_Soleriq_S13_G2_(GW_KAGHB2.EM)1353.18lm@250mA_P=8.46W_I=0.25A



Luminaire: LEDiL Oy C13661_ANGELINA-W-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

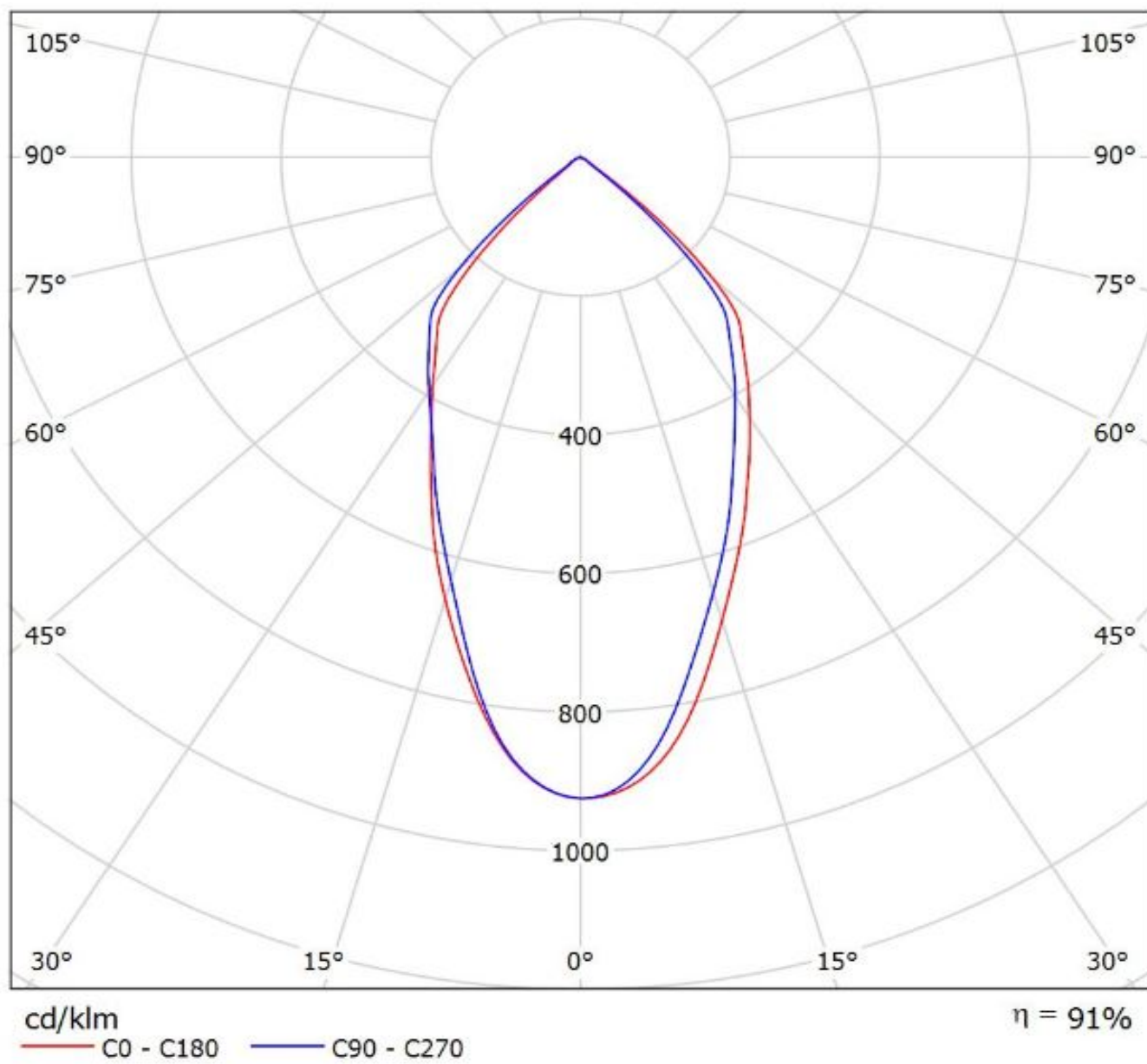


Luminaire: LEDiL Oy F13661_ANGELINA-W-B_(ZC12)
Lamps: 1 x SEOUL_ZC12_(SDW82F1C)_1240.73lm@250mA_P=8.68405W_I=249.8mA

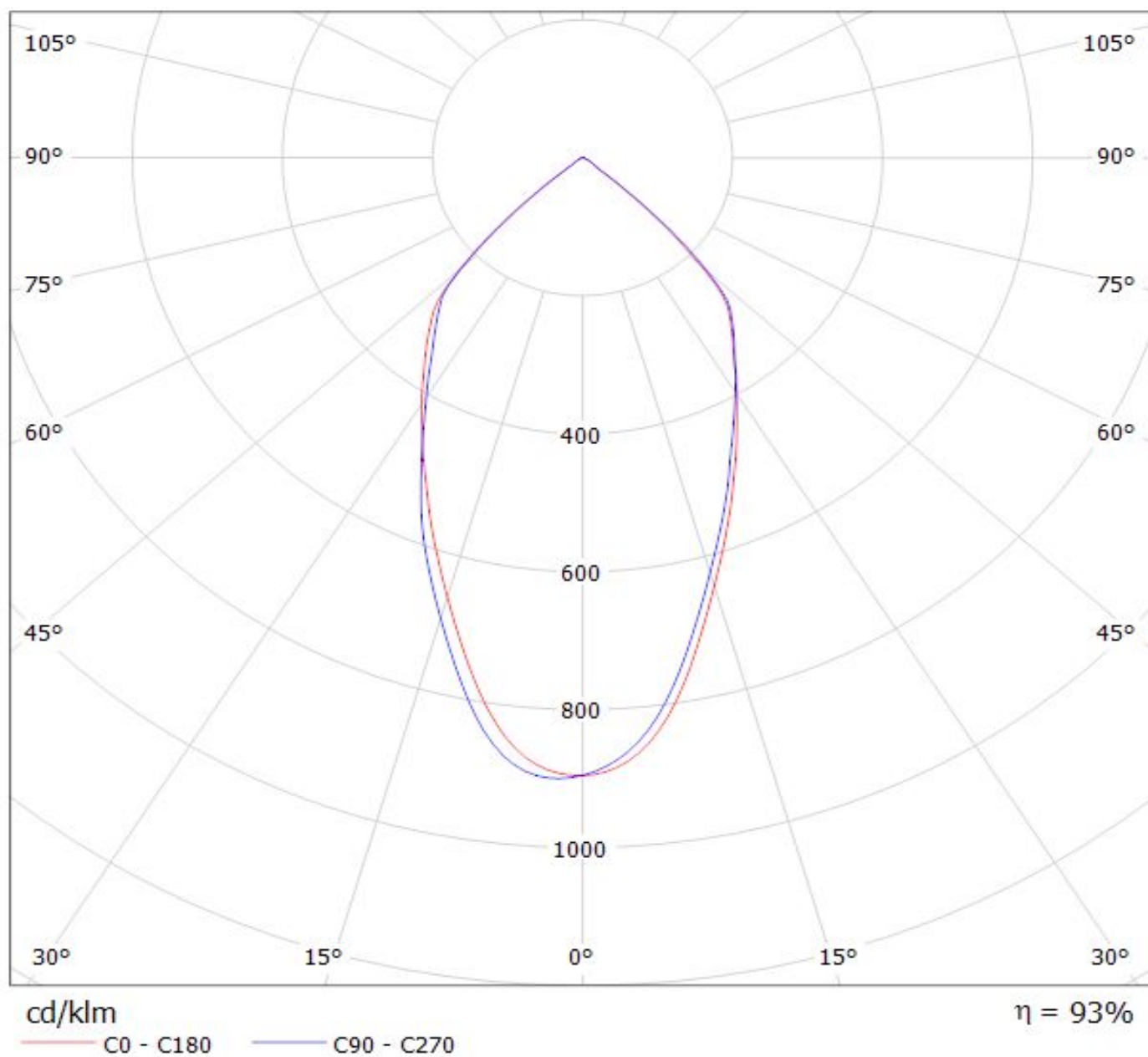


Luminaire: LEDiL Oy F13661_ANGELINA-W-B_(SLE-G5_LES-19)

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

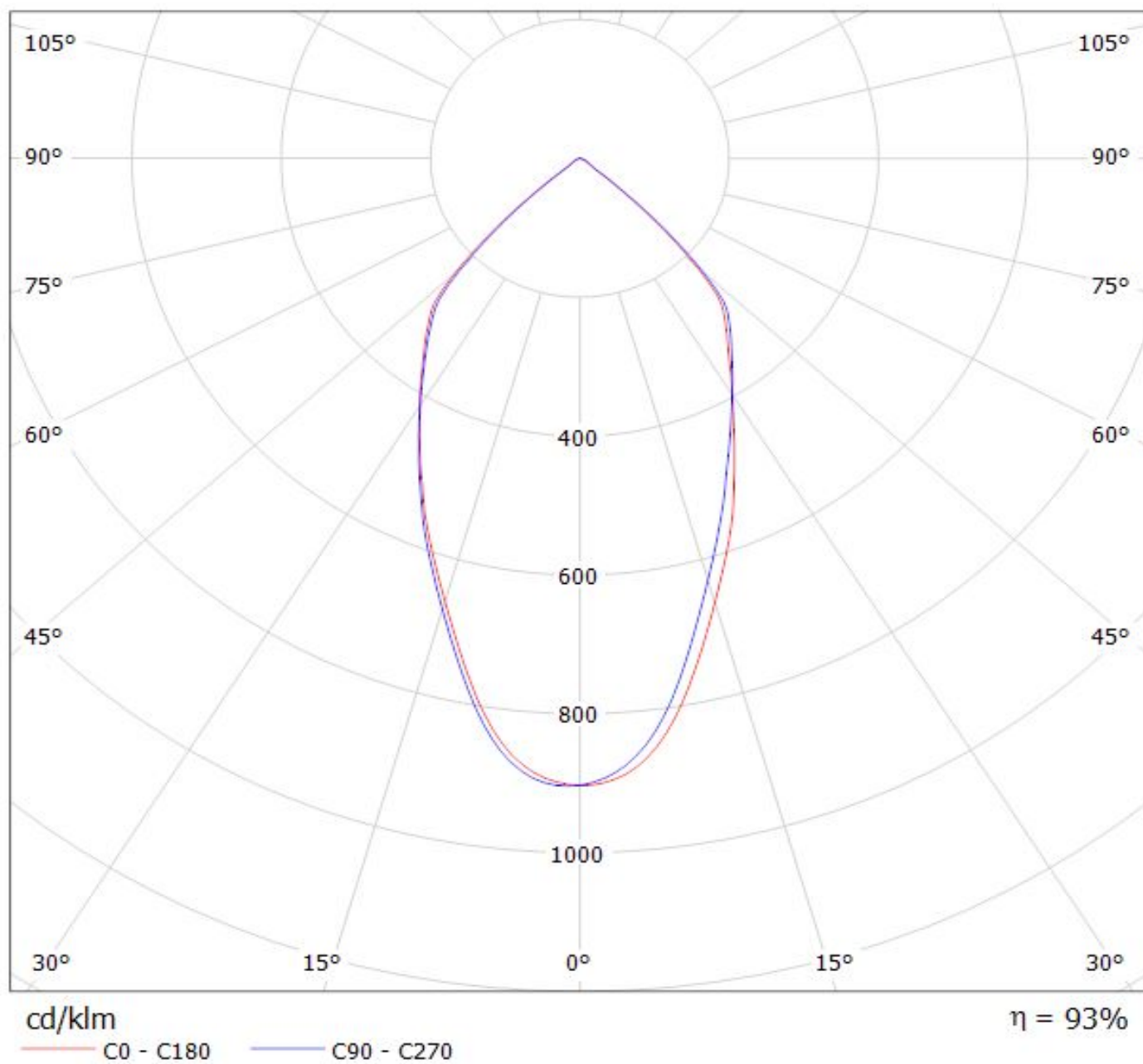


Luminaire: LEDiL Oy F13661_ANGELINA-W-B_(Soleriq S19) Eff.90.0%
Lamps: 1 x OSRAM_SOLERIQ_S19_(GW_KAHJB1.EM)
_1445.44lm@250mA_CCT=3000K_P=10.558W_I=249.8mA



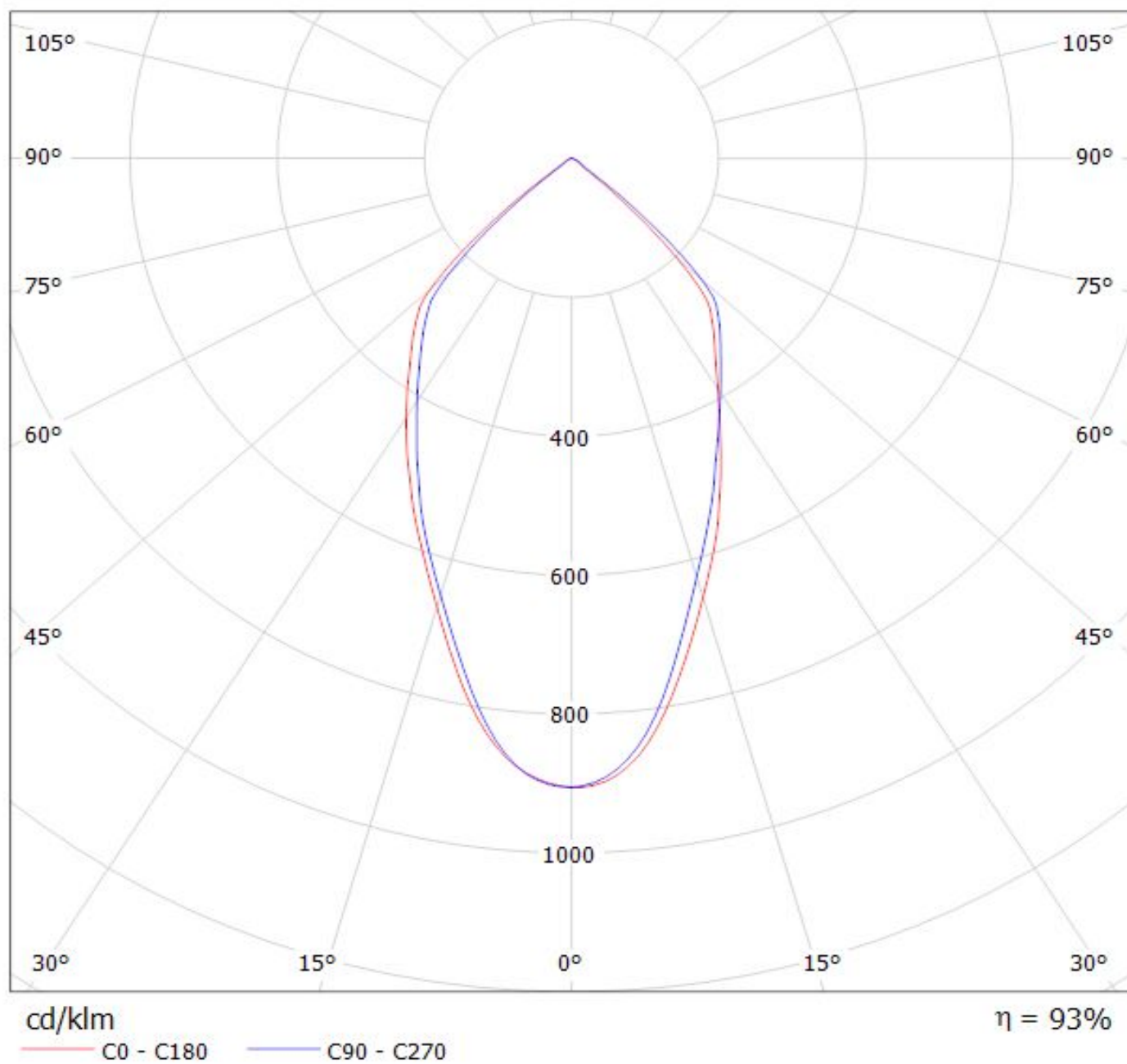
Luminaire: LEDiL Oy F13661_ANGELINA-W-B_(S19) Eff.93.0%

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

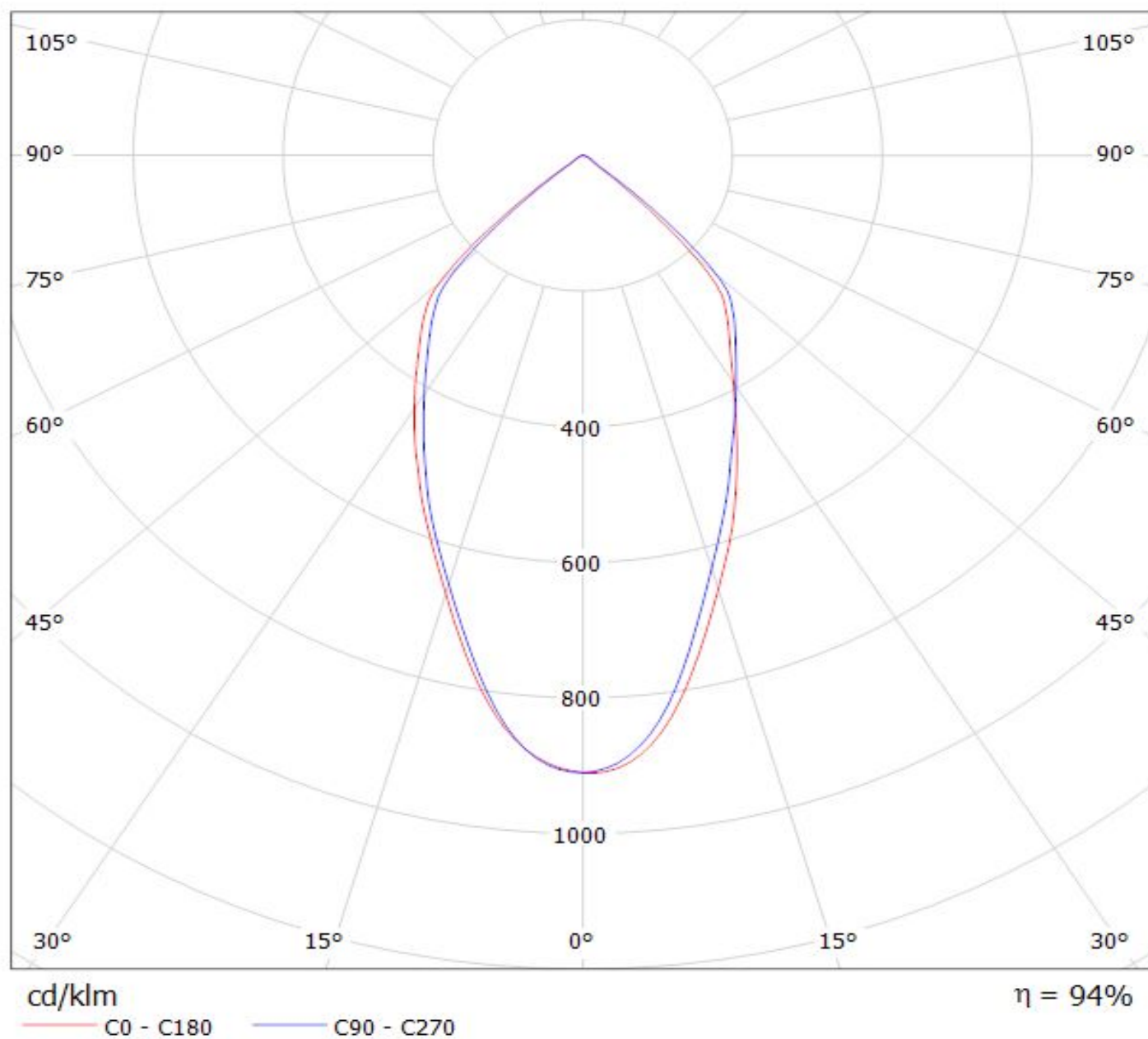


Luminaire: LEDiL Oy F13661_ANGELINA-W-B_(Luxeon_CoB_1208)

Lamps: 1 x Luxeon_CoB_1208_1057.71lm@250mA_P=8.26438W_I=249.8mA

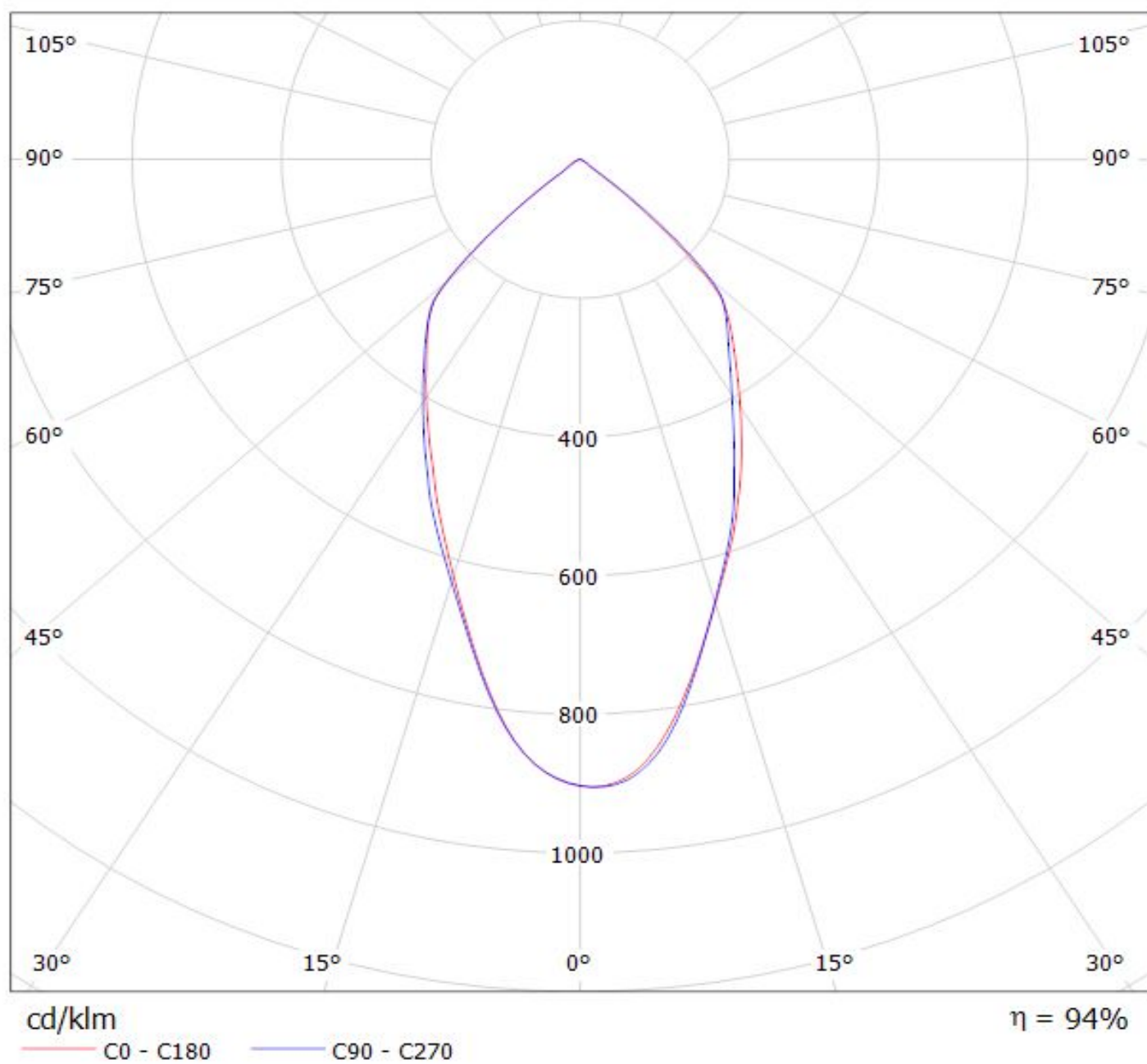


Luminaire: LEDiL Oy F13661_ANGELINA-W-B_(MegaZenigata_GW6)
Lamps: 1 x Sharp_MegaZenigata_GW6_(GW6DME30NFC)
_1266.19lm@250mA_CCT=3038K_P=11.2151W_I=250.6mA

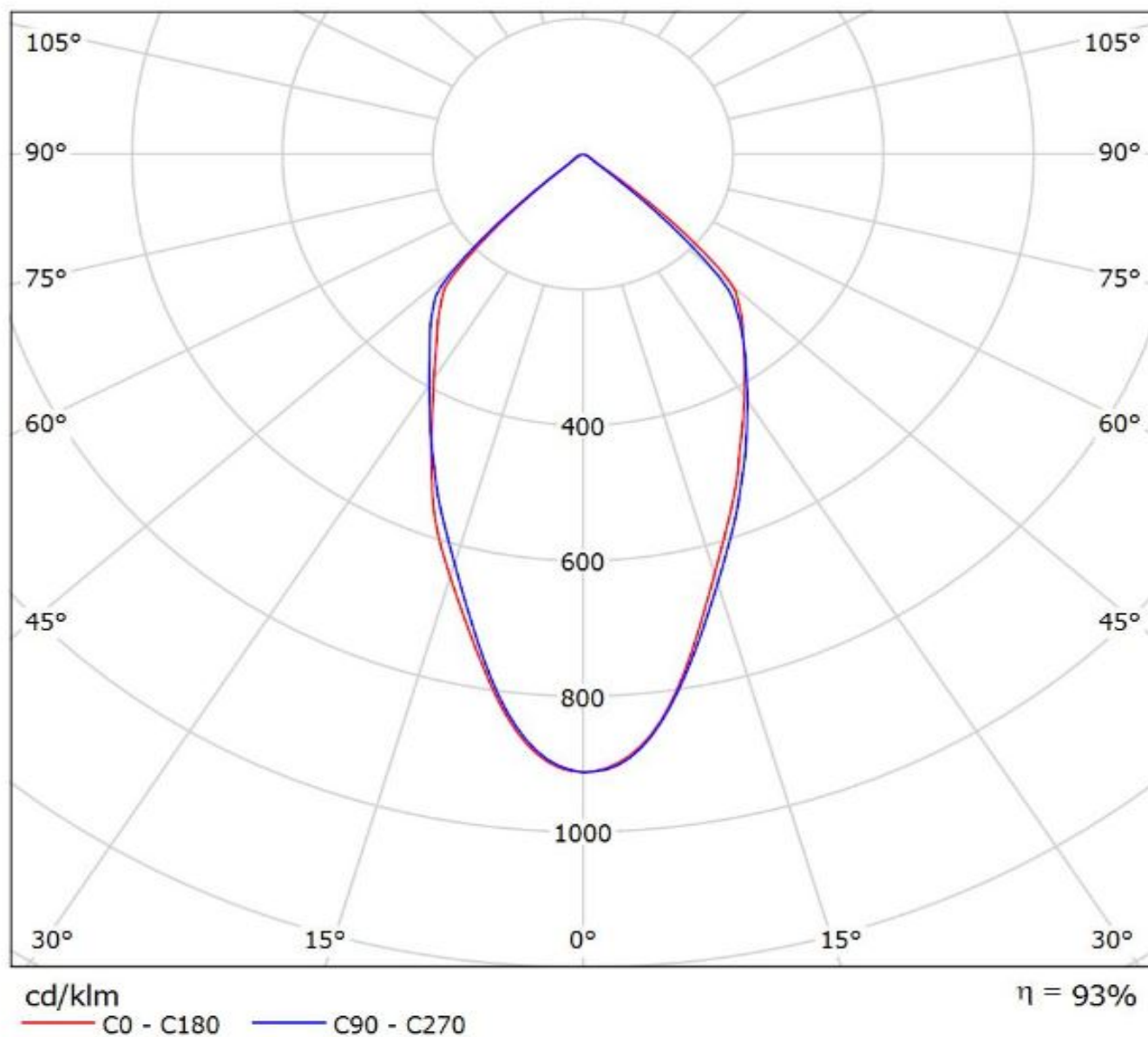


Luminaire: LEDiL Oy F13661_ANGELINA-W-B_(CLU034)

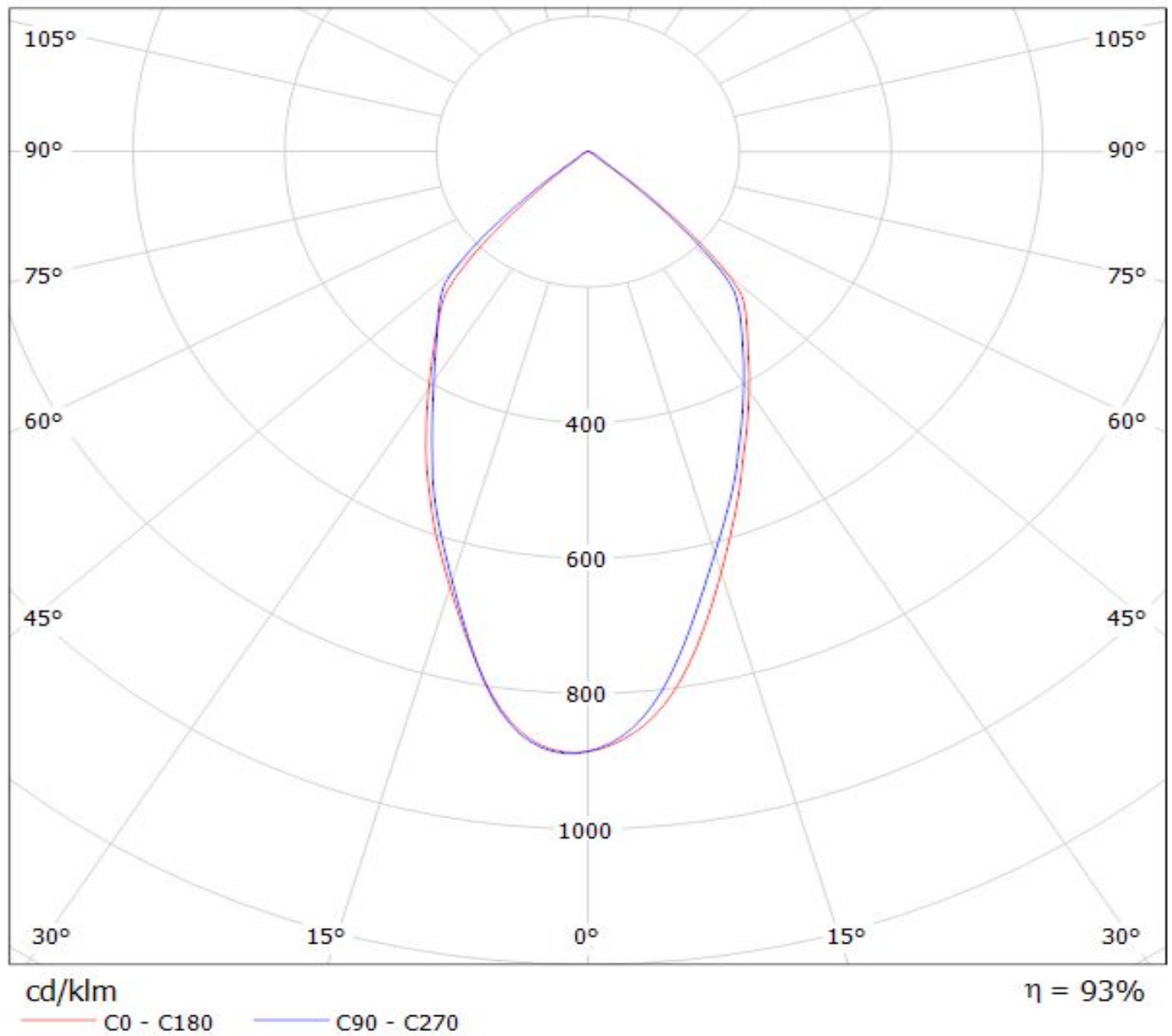
Lamps: 1 x Citizen_CLU034_(CLU034-1205B8-303M1A2)_1159.11lm@250mA_P=8.46586W_I=249.9mA



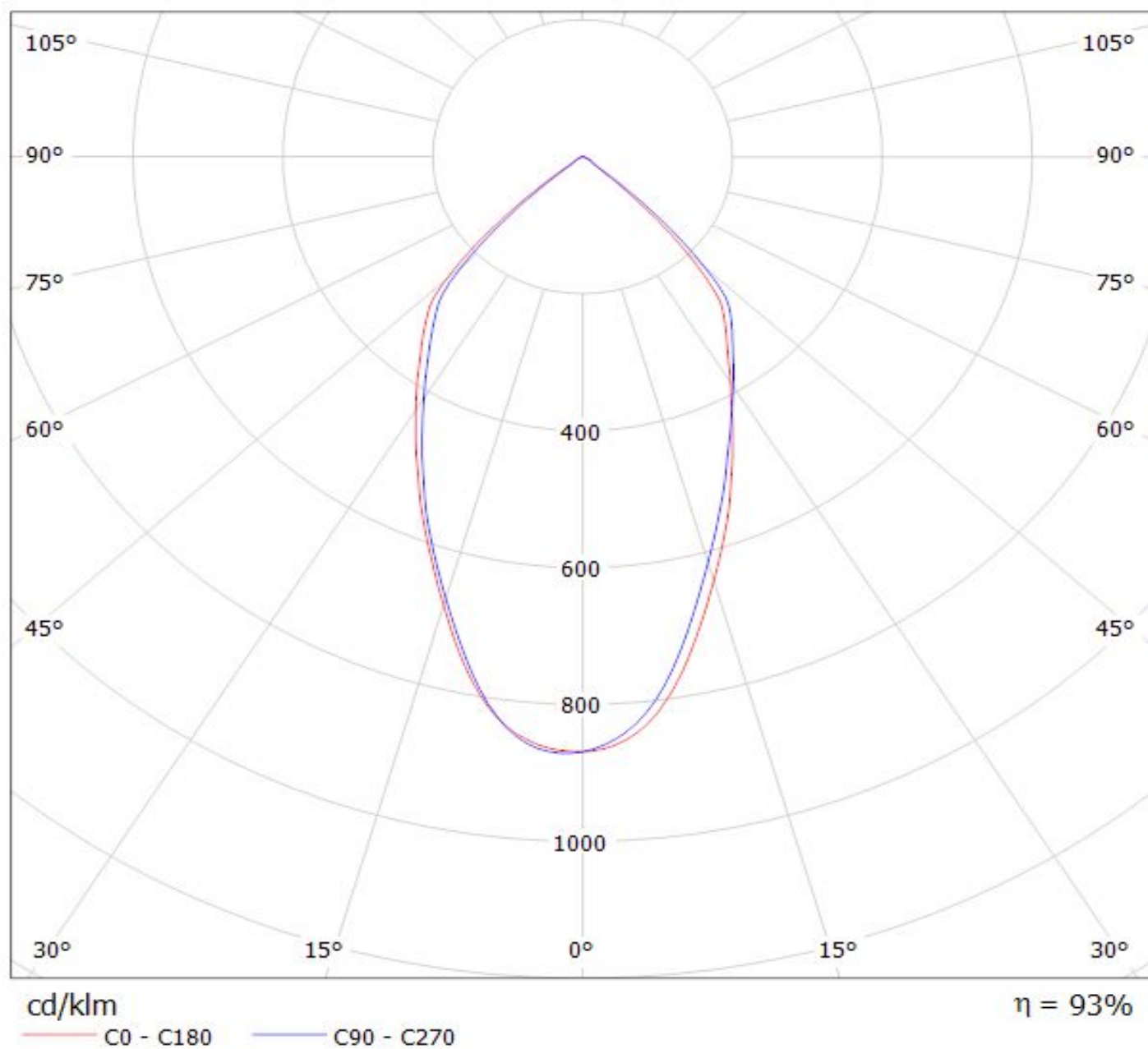
Luminaire: LEDiL Oy F13661_ANGELINA-W-B_(SLE-G5_LES-15)
Lamps: 1 x Tridonic_SLE-G5_LES-15_1272.36lm@250mA_P=8.6660W_η=0.250A



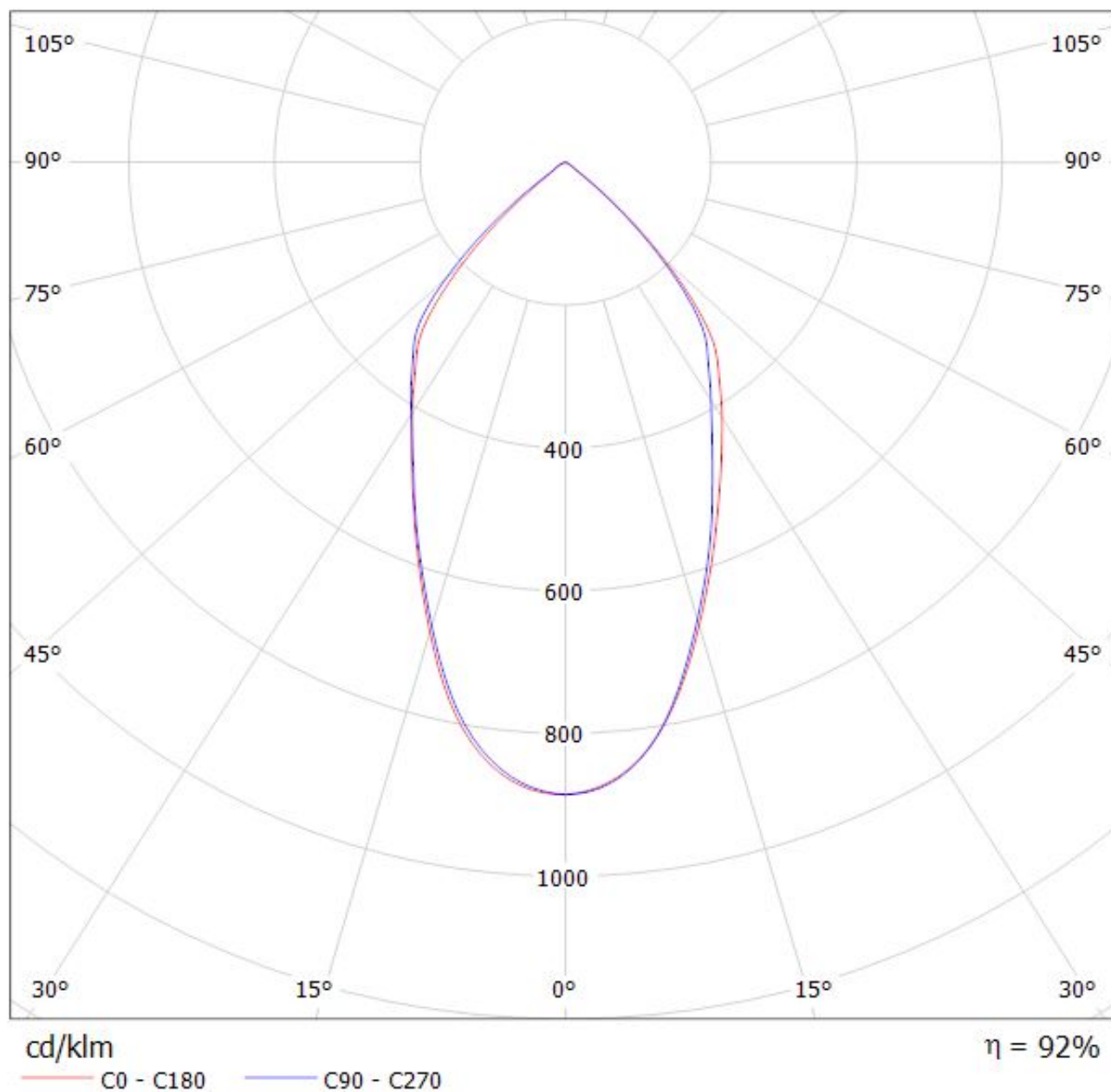
Luminaire: LEDiL Oy F13661_ANGELINA-W-B_(STARK_SLE_G3_LES17)
Lamps: 1 x TRIDONIC_STARK_SLE_G3_LES17_(STARK-SLE-PURE_G3-17-2000-840-CLA)
_1030.26lm@250mA_CCT=2000K_P=8.34707W_I=249.8mA



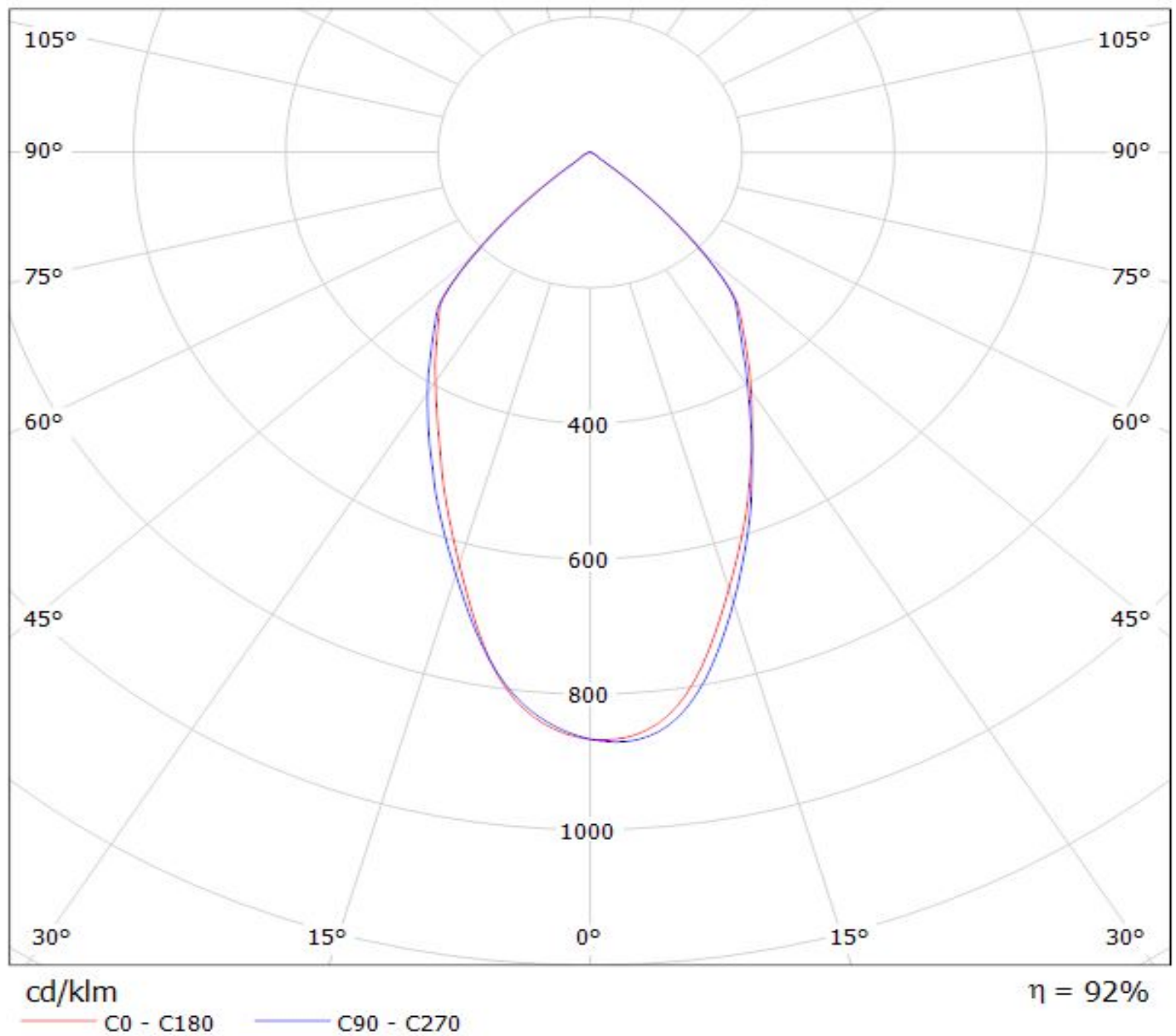
Luminaire: LEDiL Oy F13661_ANGELINA-W-B_(CXA2590)
Lamps: 1 x CREE_CXA2590_(CXA2590-30F-Z4-RPH-00001)
_837.275lm@100mA_CCT=3000K_P=6.36316W_I=100.1mA



Luminaire: LEDiL Oy F13661_ANGELINA-W-B_(SLE G4 LES23)
Lamps: 1 x Tridonic_SLE_G4_LES23_1428.75lm@250mA_P=8.19944W_I=0.2498A

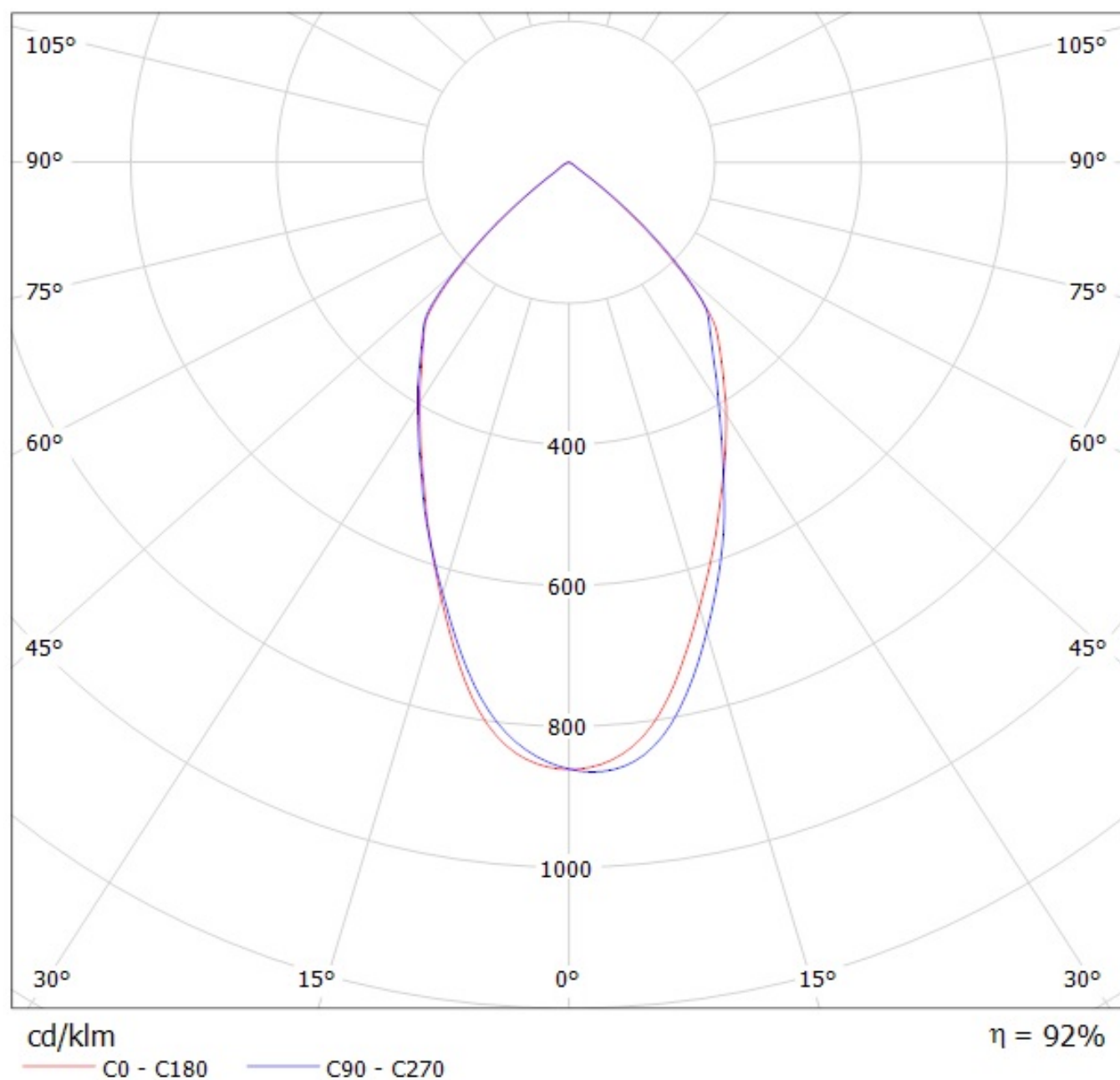


Luminaire: LEDiL Oy F13661_ANGELINA-W-B_(Luxeon_CoB_1211)
Lamps: 1 x LUXEON_COB_1211_(LHC1-2790-1211)
_923.583lm@250mA_CCT=2700K_P=8.00909W_I=249.8mA

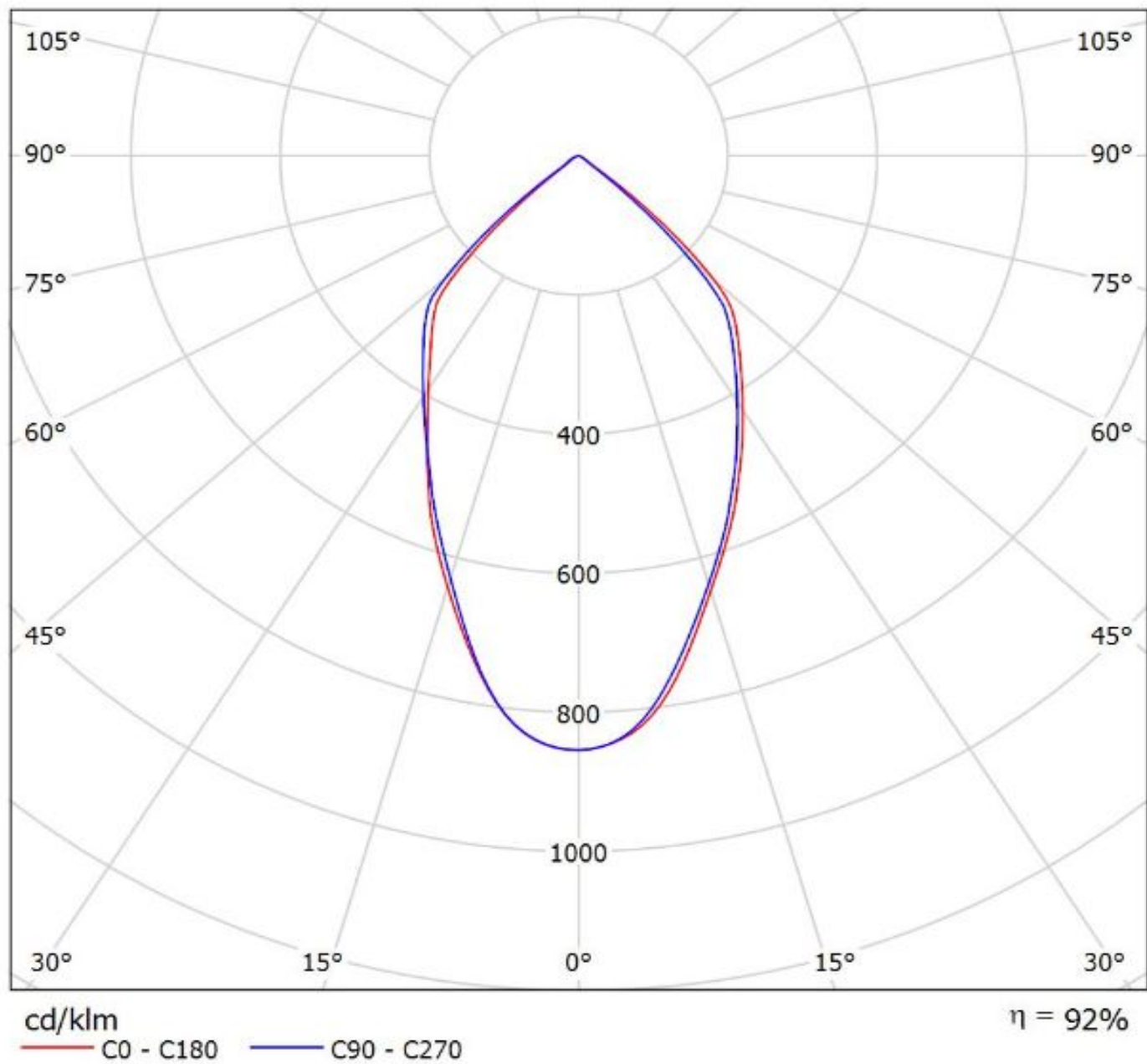


Luminaire: LEDiL Oy F13661_ANGELINA-W-B_(Luxeon_CoB_1211)_(BJB2030)

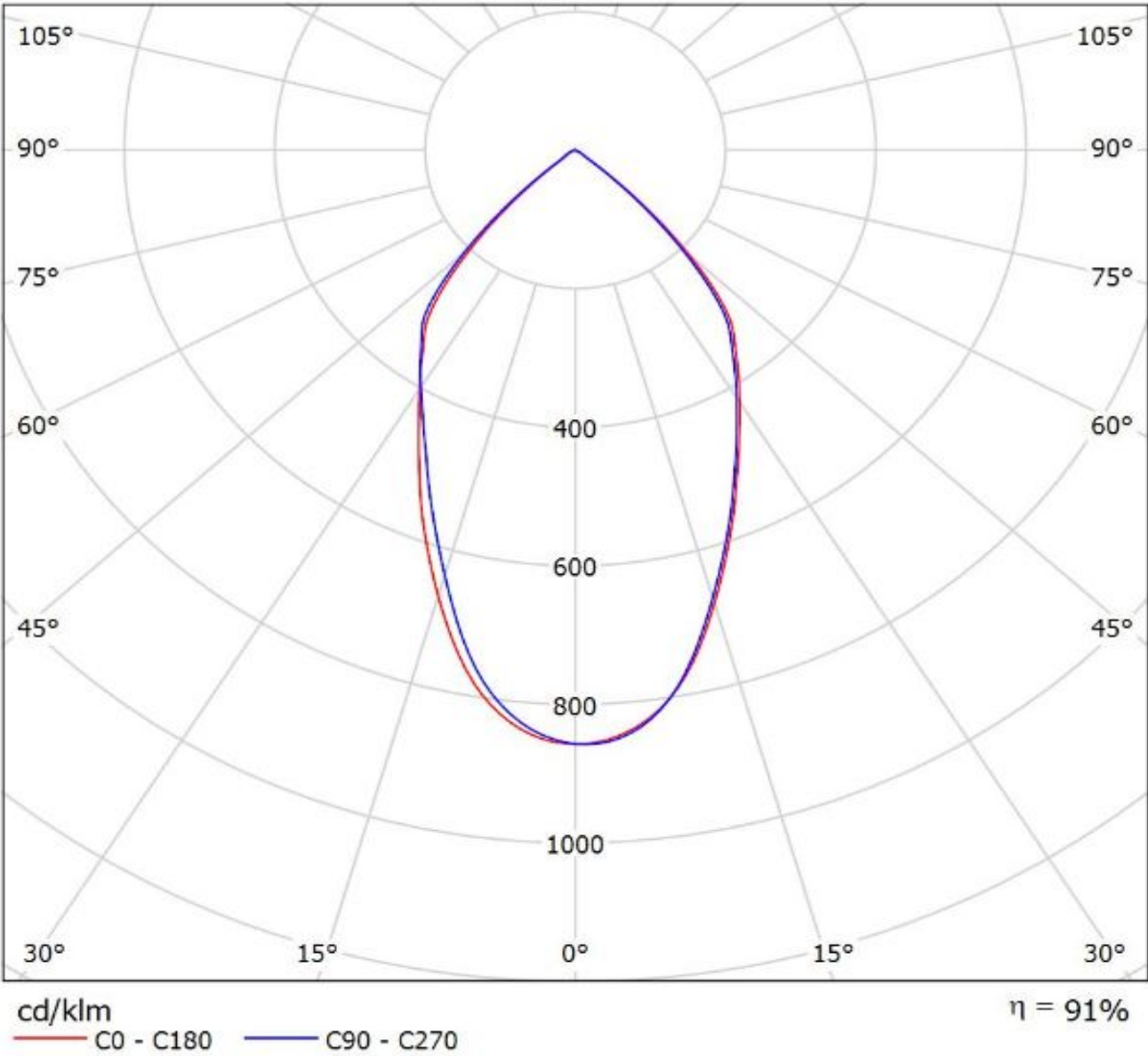
Lamps: 1 x Luxeon_CoB_1211_(LHC1-5780-1211)_(BJB2030)_1330.16lm@250mA_P=8.03503W_I=0.2499A



Luminaire: Ledil F13661_ANGELINA-W-B_(V15+BJB)
Lamps: 1 x Bridgelux_V15_+47.319.2224_1096.43lm@250mA_P=8.2647W_I=0.25A



Luminaire: LEDiL Oy F13661_ANGELINA-W-B_(SLE-G5_LES-23)
Lamps: 1 x Tridonic_SLE-G5_LES-23_1371.74lm@250mA_P=8.1065W_I=0.250A

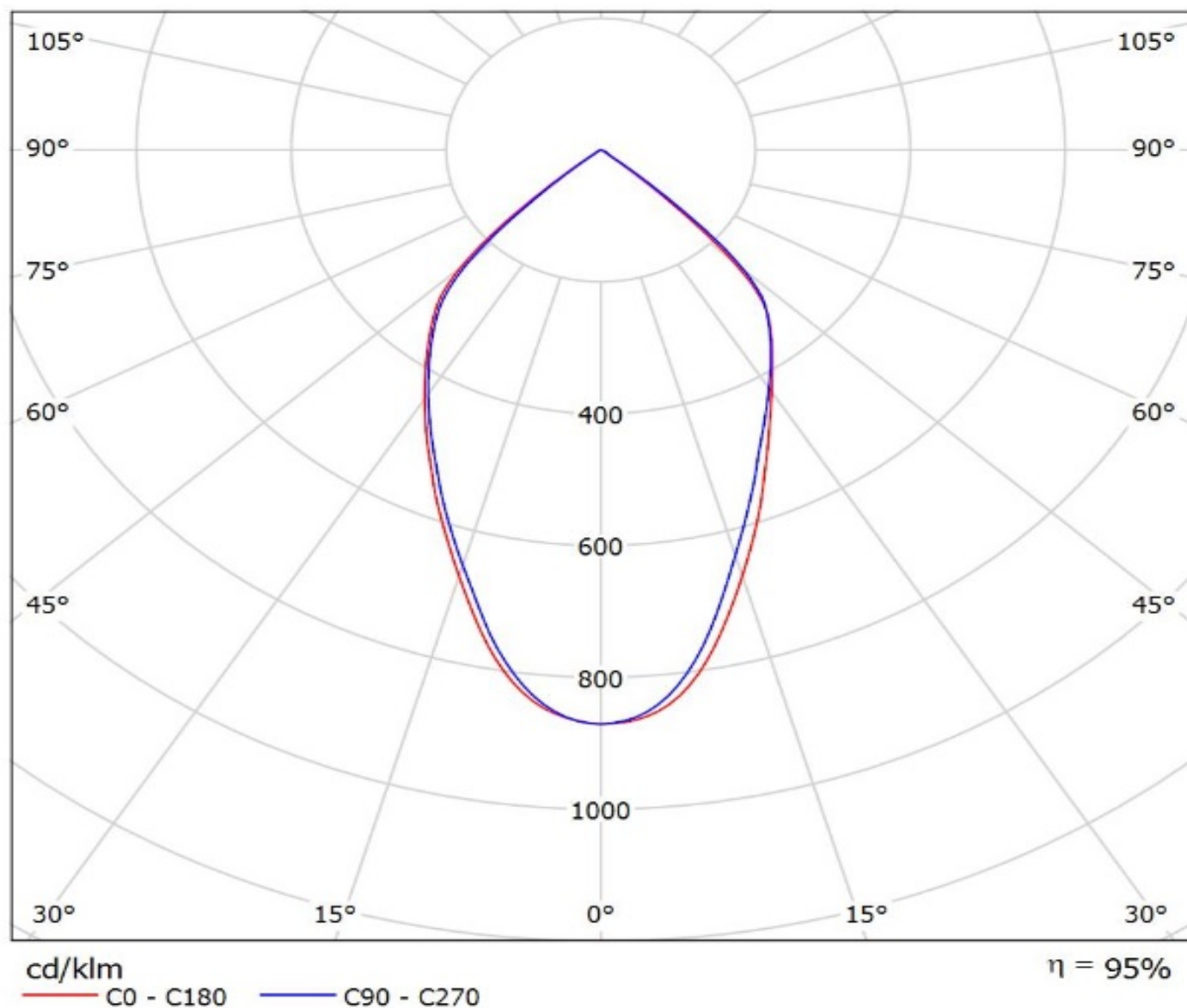


Ledil F13661_ANGELINA-W-B_(Luxeon_K16)_(47_319_2070) / LDC (Polar)

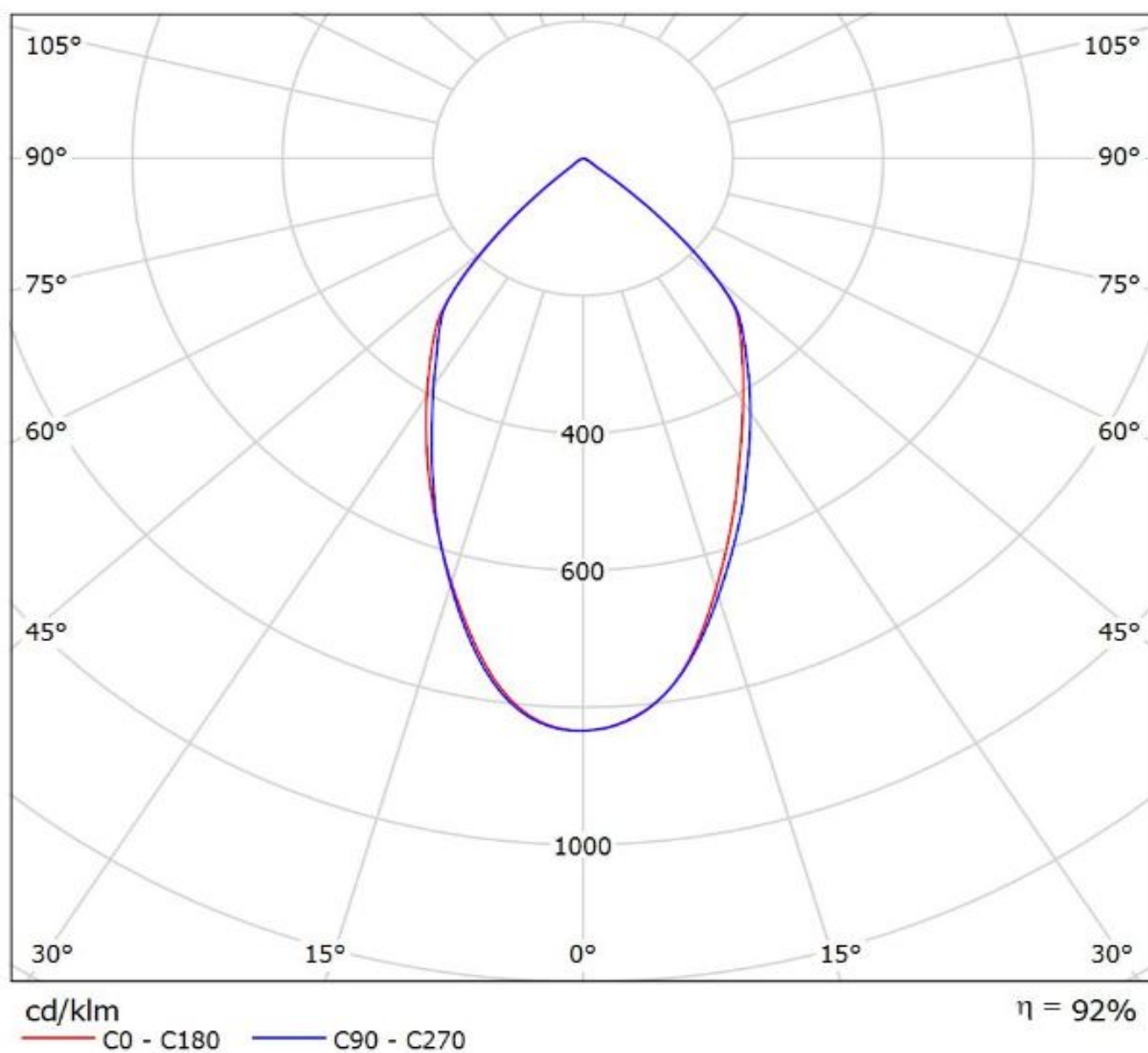
Luminaire: Ledil F13661_ANGELINA-W-B_(Luxeon_K16)_(47_319_2070)

Lamps: 1 x Philips_Lumileds_Luxeon_K16_(BJB.47.319.2070)

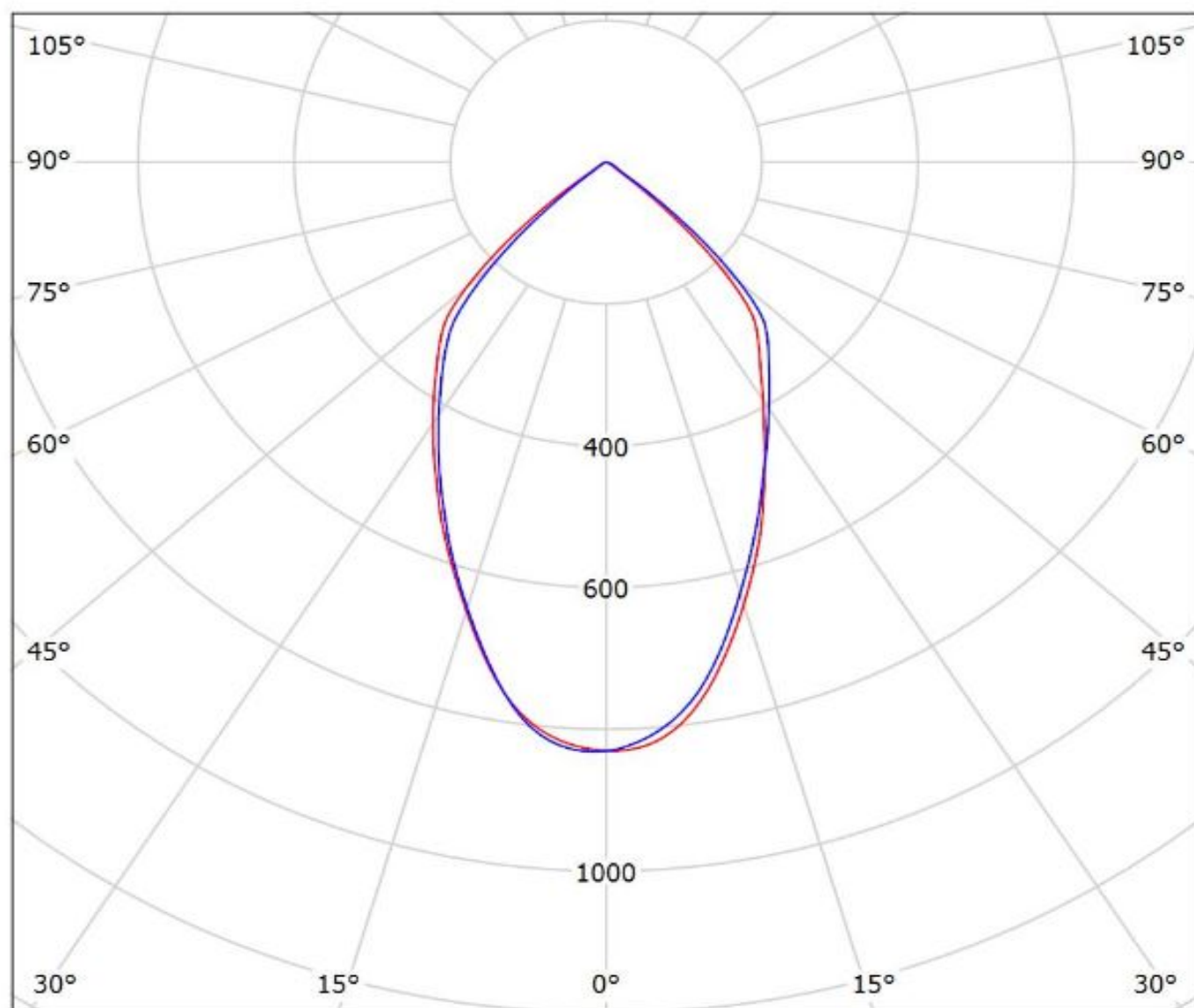
_1276.25lm@250mA_P=10.95525W_I=0.250A



Luminaire: Ledil F13661_ANGELINA-W-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 F13661_ANGELINA-W-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



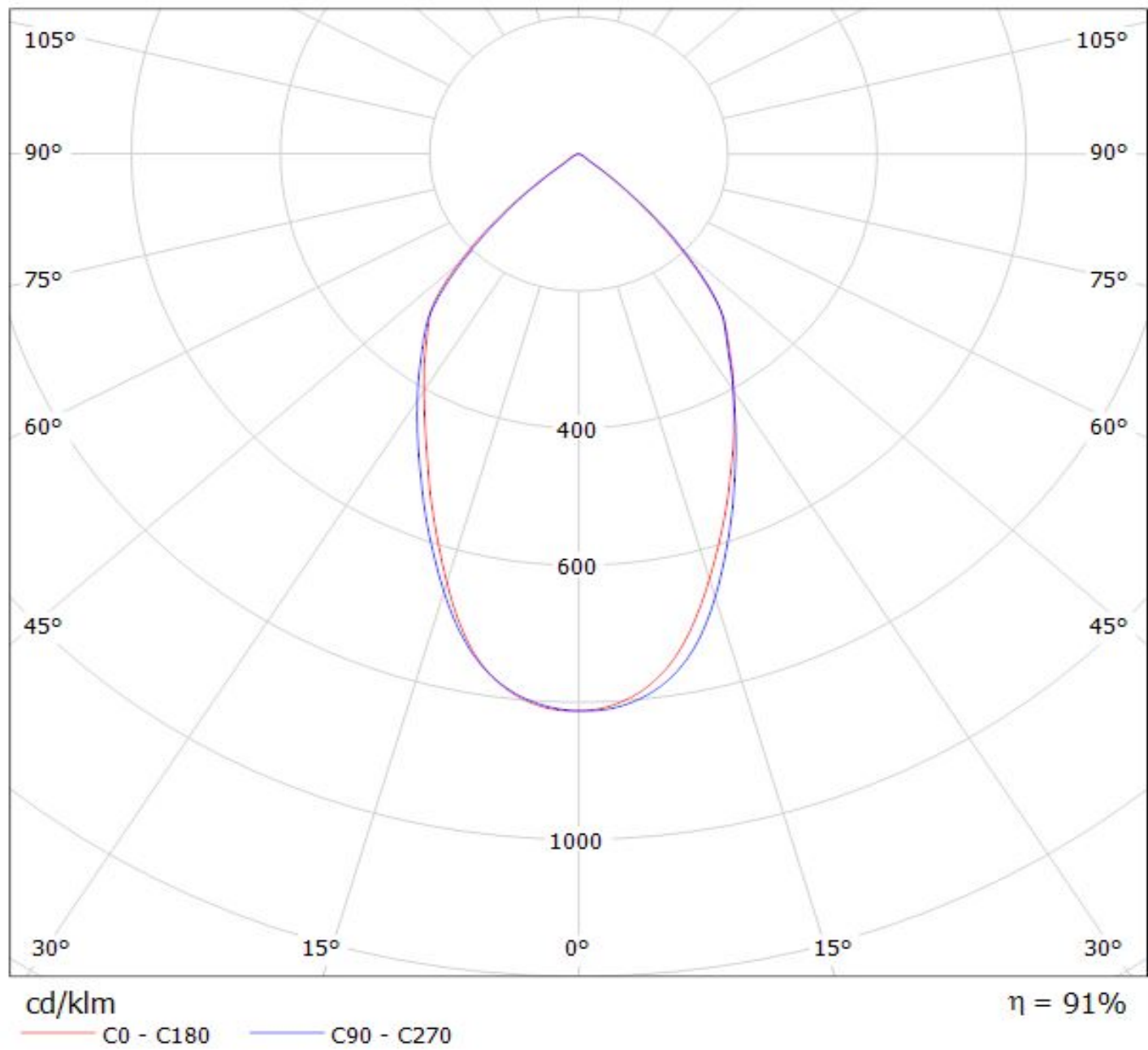
cd/klm

— C0 - C180

— C90 - C270

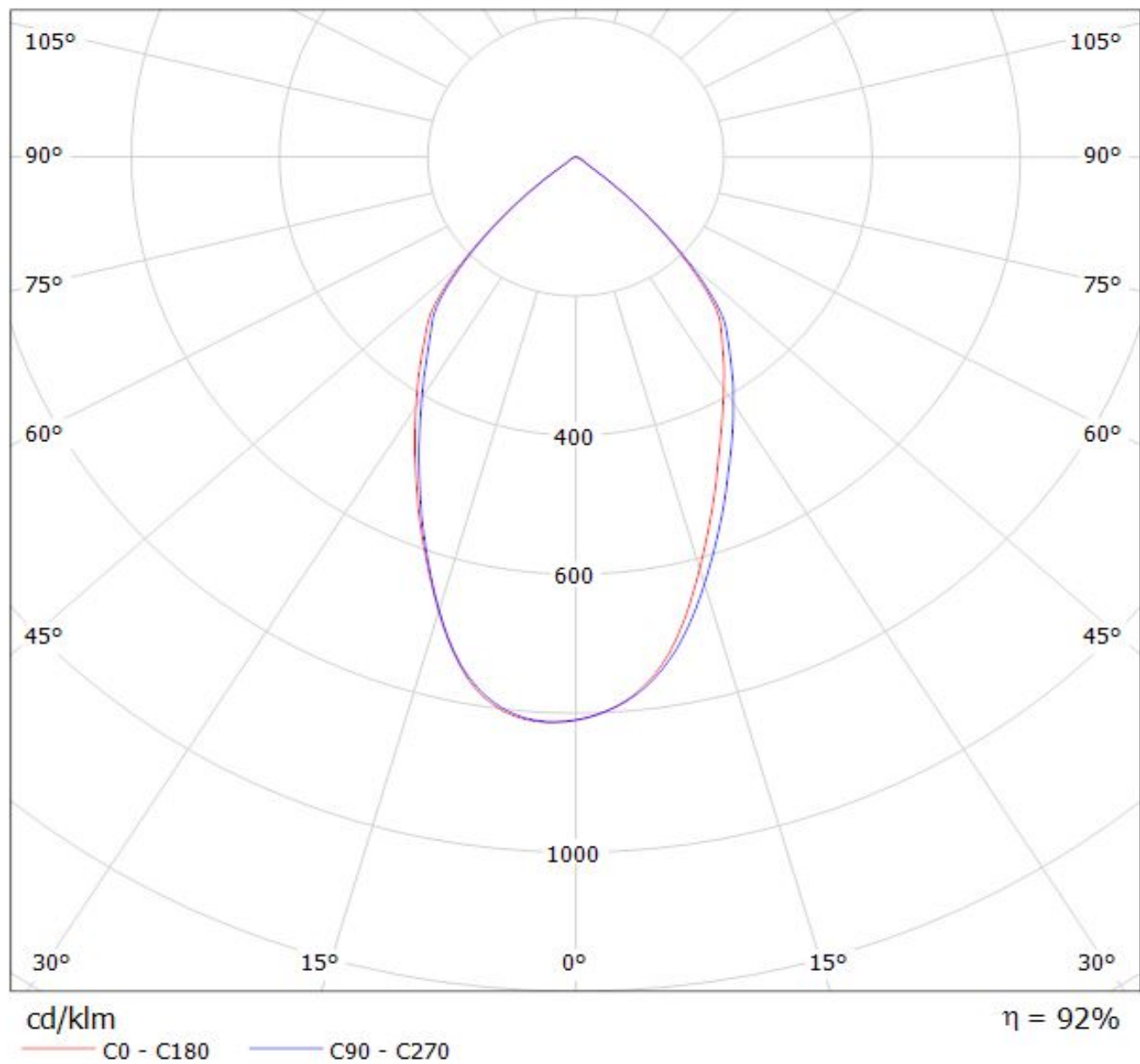
$\eta = 92\%$

Luminaire: LEDiL Oy F13661_ANGELINA-W-B_(COB_40W)
Lamps: 1 x LG_COB_40W_1163.31lm@250mA_CCT=3000K_P=8.04906W_I=249.8mA



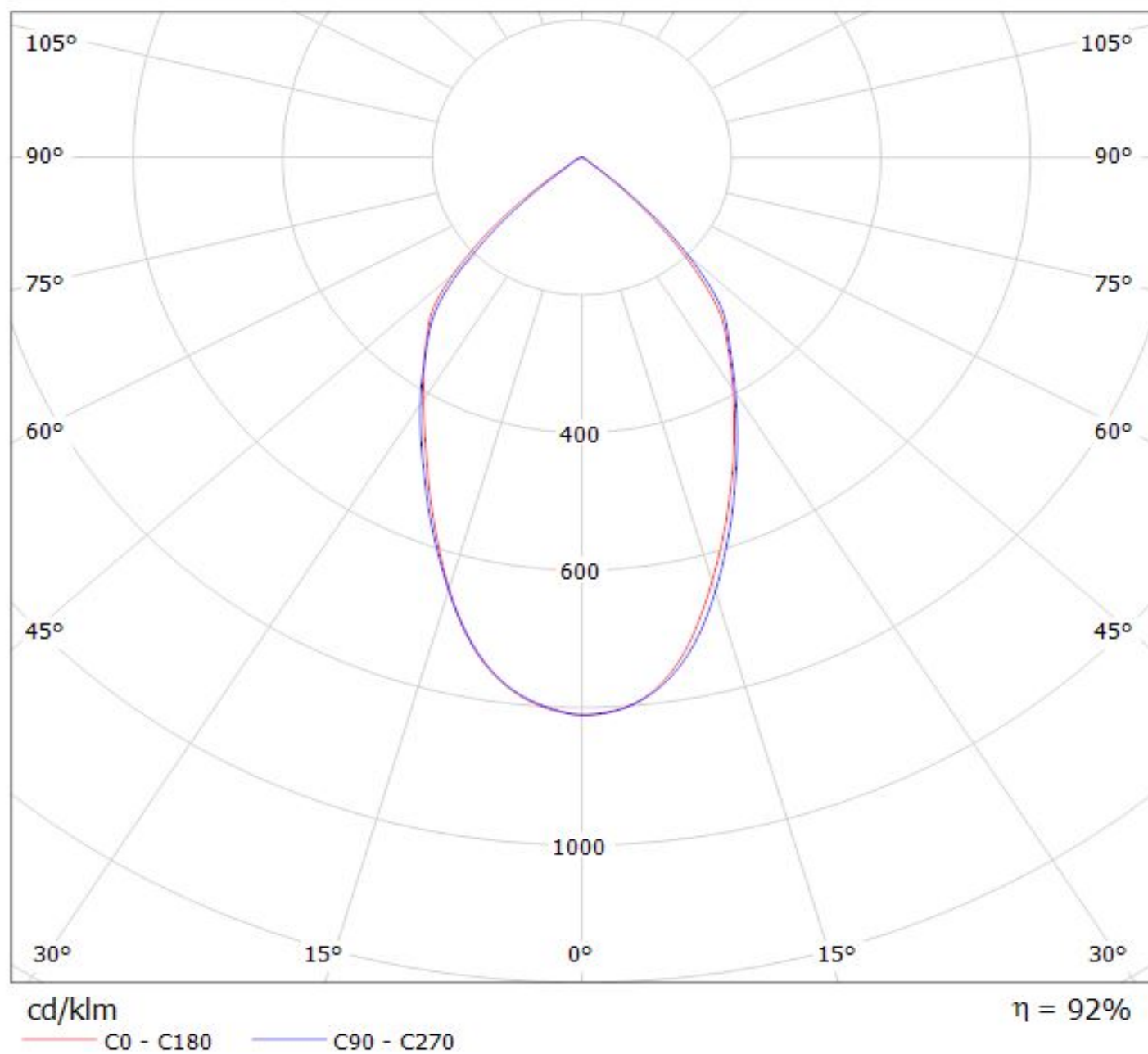
Luminaire: LEDiL Oy F13661_ANGELINA-W-B_(CLU044)

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

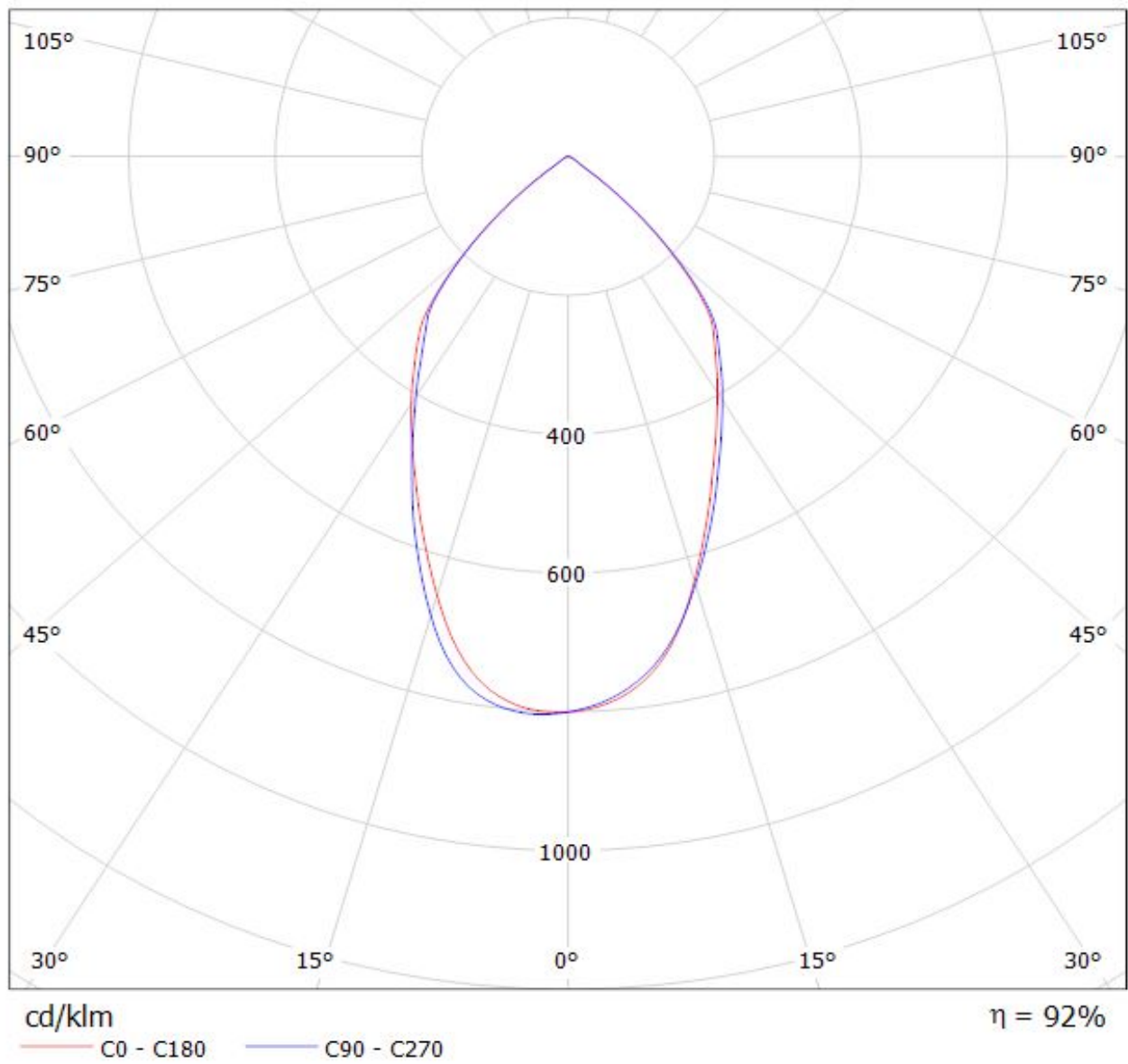


Luminaire: LEDiL Oy F13661_ANGELINA-W-B_(ZC40)

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

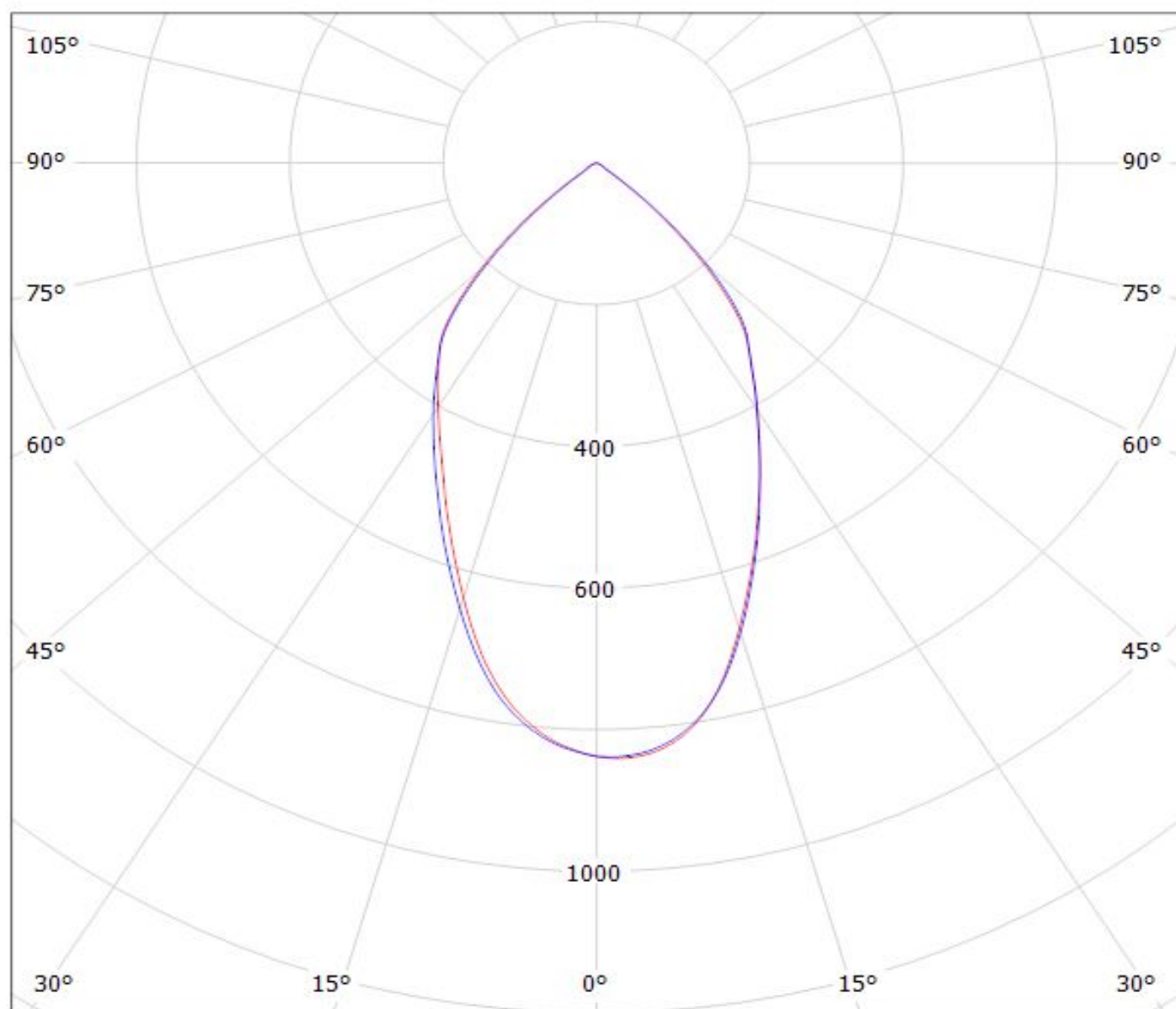


Luminaire: LEDiL Oy F13661_ANGELINA-W-B_(CXM-22) Eff.91.6%
Lamps: 1 x LUMINUS_CXM-22_1221.8lm@250mA_P=8.00809W_CCT=3000K_I=249.8mA



Luminaire: LEDiL Oy F13661_ANGELINA-W-B_(CXA30)

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



cd/klm

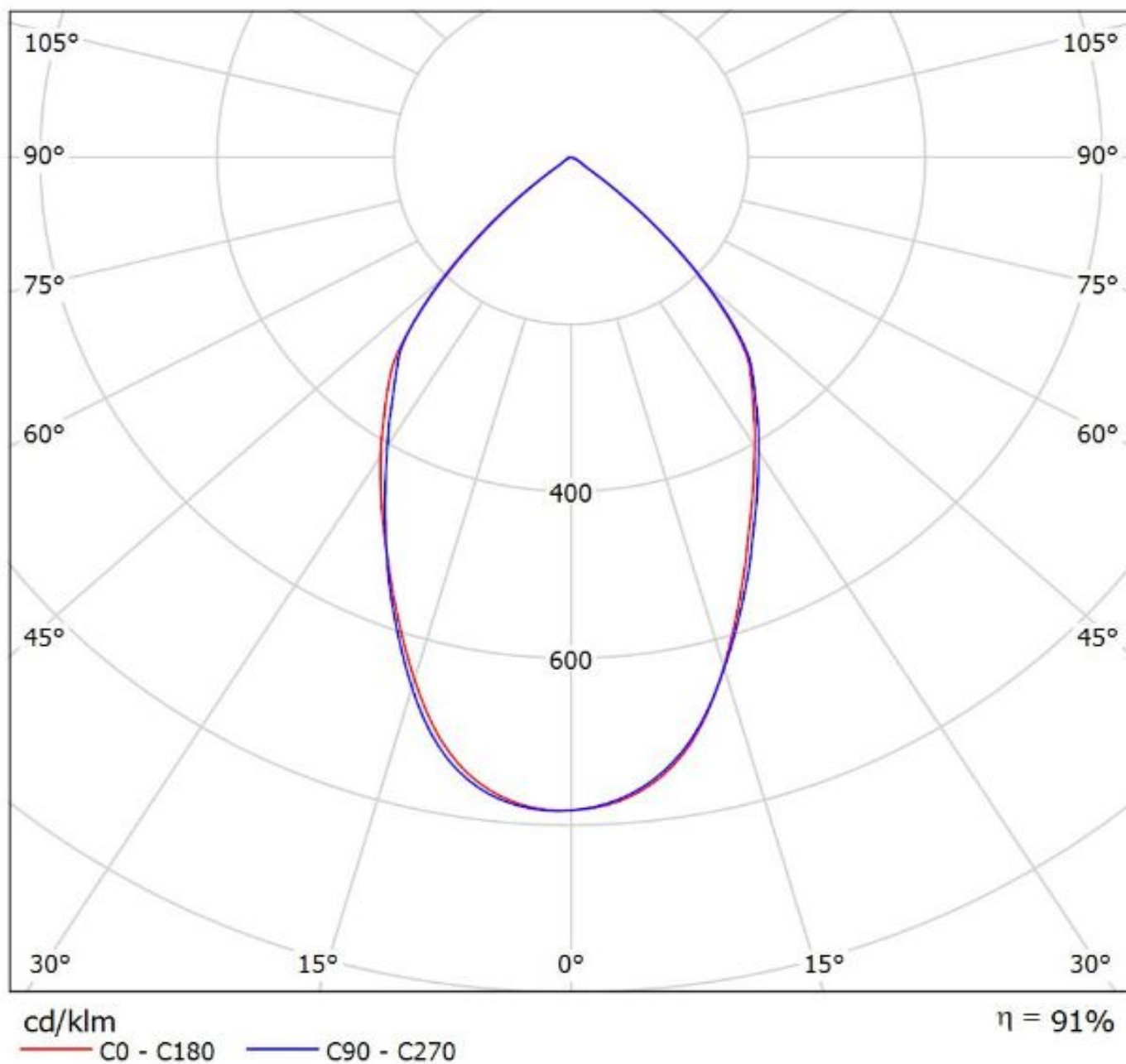
— C0 - C180

— C90 - C270

$\eta = 91\%$

Luminaire: Ledil F13661_ANGELINA-W-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.