

DETAILS

Product Number	F13659_ANGELINA-S-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	12/04/2017

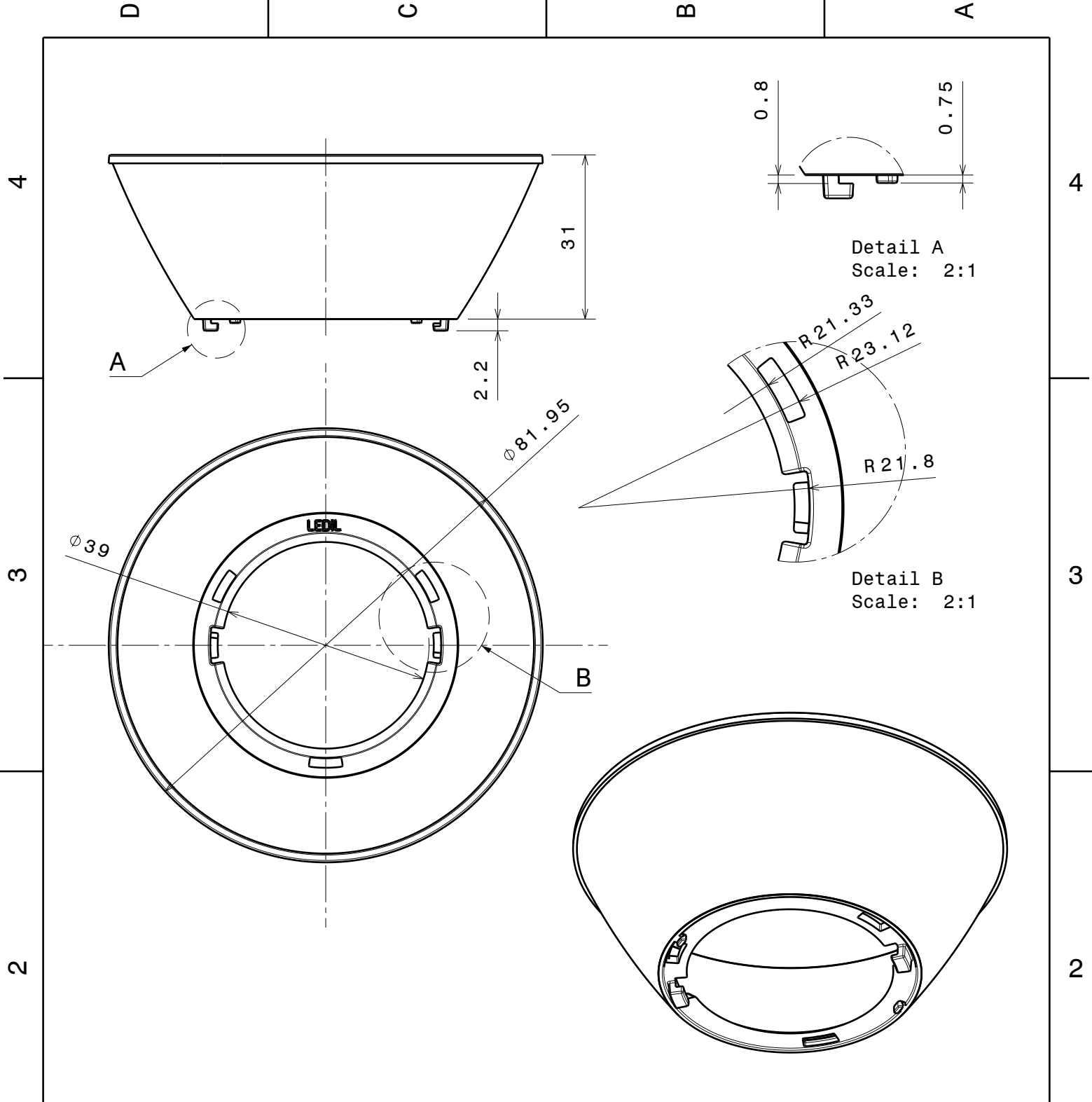


OPTICAL PROPERTIES

LED	Viewing	Light	Effi-		Connector
	Angle	Beam	ciency	cd/lm	
BXRA ES Rectangle	23 deg	Spot	92 %	2.170	BJB: 47.319.2040
V15 Gen6	24 deg	Spot	92 %	2.000	BJB: 47.319.2224
V18 Gen6	27 deg	Spot	92 %	1.800	BJB: 47.319.2274
V18 Gen7	27 deg	Spot	93 %	1.800	BJB: 47.319.2350
CLL04x/CLU04x	sim: 22	Spot	sim: 95 %	sim: 3.100	BJB: 47.319.2030
CLL03x/CLU03x	23 deg	Spot	92 %	2.150	BJB: 47.319.2021
CLL03x/CLU03x	22 deg	Spot	94 %	2.250	A.A.G. STUCCHI: 8101/G2
CLL04x/CLU04x	30 deg	Spot	92 %	1.600	A.A.G. STUCCHI: 8102/G2
CLU730/731	sim: 16	Spot	sim: 92 %	sim: 5.490	BJB: 47.319.2030
CLU720/721	19 deg	Spot	94 %	2.500	A.A.G. STUCCHI: 8101/G2
CLU720/721	19 deg	Spot	94 %	2.700	BJB: 47.319.2021
CXA/B 30xx	30 deg	Spot	92 %	1.660	A.A.G. STUCCHI: 8404/G2
CXA/B 25xx	25 deg	Spot	93 %	2.000	A.A.G. STUCCHI: 8401/G2
CXA/B 25xx	27 deg	Spot	92 %	1.800	BJB: 47.319.2141
COB 10W/13W/17W/24W	21 deg	Spot	93 %	2.300	BJB: 47.319.2080
COB 10W/13W/17W/24W	21 deg	Spot	94 %	2.400	A.A.G. STUCCHI: 8600/G2
COB 40W/60W	31 deg	Spot	92 %	1.600	A.A.G. STUCCHI: 8102/G2
LUXEON K16	24 deg	Spot	94 %	1.800	BJB: 47.319.2070
LUXEON K12	sim: 15	Spot	-	-	BJB: 47.319.2070
LUXEON CoB 1204/1205	21 deg	Spot	94 %	2.430	A.A.G. STUCCHI: 8301/G2
LUXEON CoB 1208	23 deg	Spot	94 %	2.230	A.A.G. STUCCHI: 8301/G2
LUXEON CoB 1211	26 deg	Spot	92 %	1.880	A.A.G. STUCCHI: 8102/G2
LUXEON CoB 1211	26 deg	Spot	92 %	1.900	BJB: 47.319.2030
LUXEON CoB 1216	32 deg	Spot	91 %	1.550	BJB: 47.319.2030
CXM-22	32 deg	Spot	92 %	1.600	BJB: 47.319.2030

OPTICAL PROPERTIES

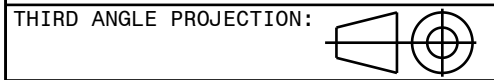
LED	Viewing Angle	Light Beam	Efficiency	cd/lm	Connector
CXM-14	23 deg	Spot	94 %	2.400	BJB: 47.319.2021
Soleriq E30	28 deg	Spot	90 %	1.800	BJB: 47.319.2090
Soleriq S13	20 deg	Spot	94 %	2.580	A.A.G. STUCCHI: 8502/G2
Soleriq S19	23 deg	Spot	94 %	2.160	BJB: 47.319.2170
Soleriq S19	23 deg	Spot	94 %	2.200	A.A.G. STUCCHI: 8503/G2
Soleriq P13	21 deg	Spot	94 %	2.370	A.A.G. STUCCHI: 8502/G2
Soleriq S13 Gen2	20 deg	Spot	92 %	2.400	BJB: 47.319.2021
COB D Series LES 22 mm	sim: 27	Spot	sim: 90 %	sim: 2.150	BJB: 47.319.2030
COB D Series LES 14.5 mm	24 deg	Spot	93 %	2.110	A.A.G. STUCCHI: 8101/G2
COB D Series LES 14.5 mm	24 deg	Spot	93 %	2.110	BJB: 47.319.2021
ZC12/18	22 deg	Spot	93 %	2.330	A.A.G. STUCCHI: 8101/G2
ZC25/40	30 deg	Spot	92 %	1.630	A.A.G. STUCCHI: 8102/G2
Mega Zenigata (GW6DME)	23 deg	Spot	94 %	2.210	A.A.G. STUCCHI: 8301/G2
STARK SLE PURE G3 LES17	24 deg	Spot	94 %	2.140	A.A.G. STUCCHI: 8101/G2
SLE G4 LES23 H	28 deg	Spot	92 %	1.800	-
SLE G4 LES19 H	23 deg	Spot	92 %	2.100	-
SLE G5 LES15	21 deg	Spot	93 %	2.300	BJB: 47.319.2021
SLE G5 LES19 H	23 deg	Spot	91 %	2.160	-
SLE G5 LES23 H	28 deg	Spot	92 %	1.740	-
SLE G6 LES19 H	sim: 20	Spot	sim: 91 %	sim: 3.290	-
SLE G6 LES23 H	sim: 24	Spot	sim: 91 %	sim: 2.540	-
SLE G6 LES17 H	sim: 19	Spot	sim: 91 %	sim: 3.600	-
SLE G6 LES15 H D50	sim: 17	Spot	sim: 92 %	sim: 4.100	-



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



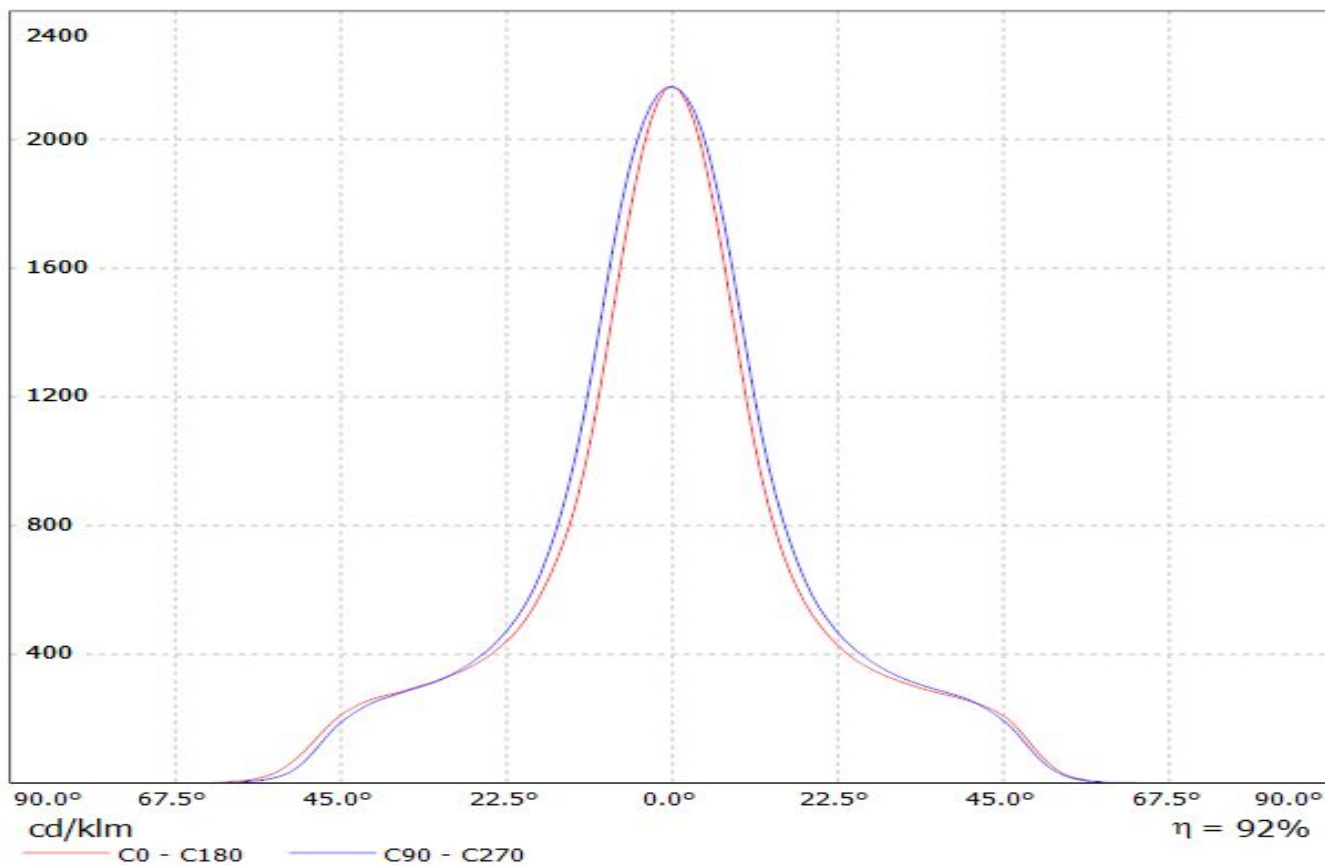
DRAWING TITLE
ANGELINA-B series Reflector

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SIZE	PART NUMBER
A4	-

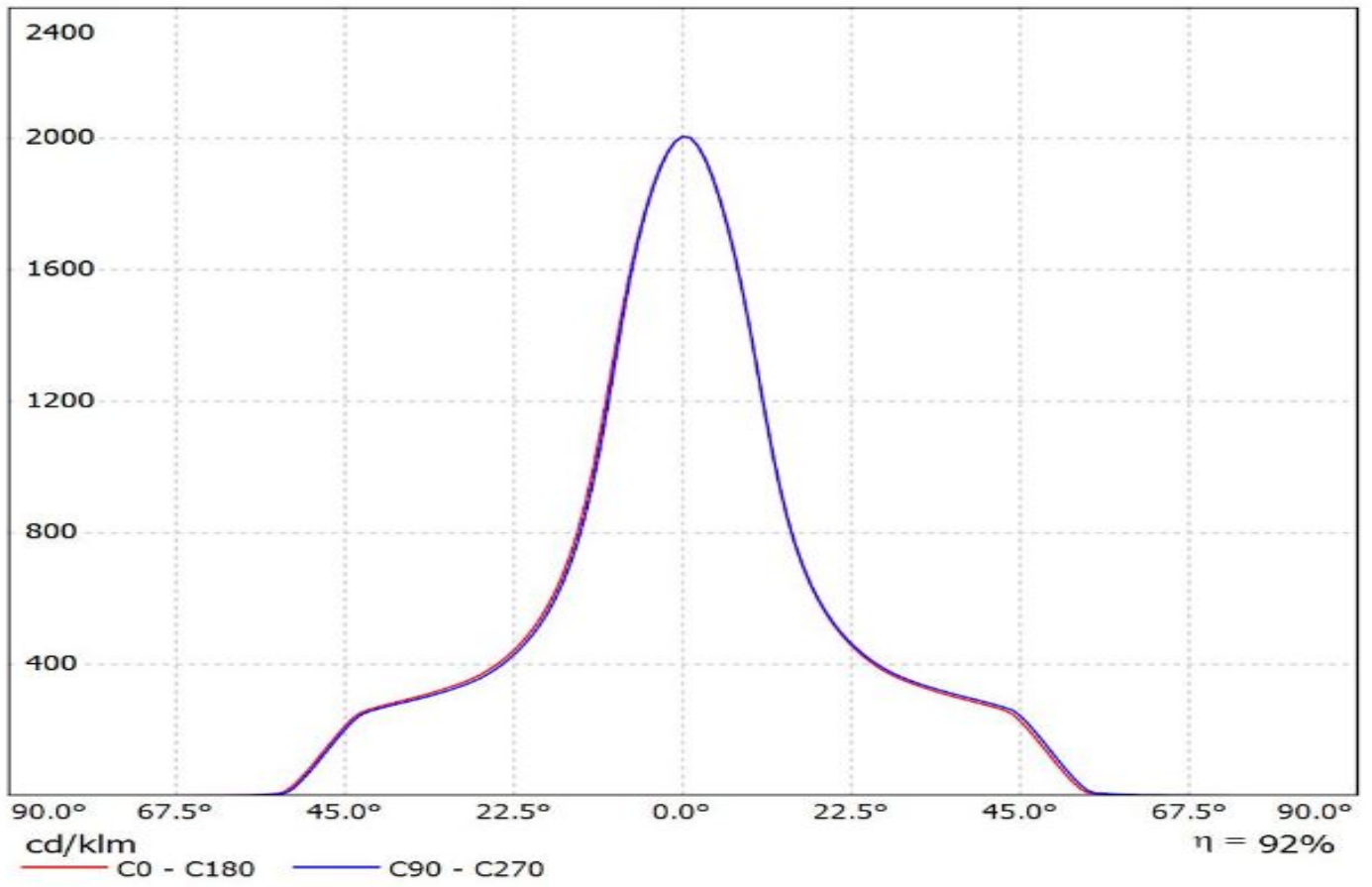
SCALE	1:1	WEIGHT	-	SHEET	1/1
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Luminaire: LEDiL F13659_ANGELINA-S-B
Lamps: 1 x BXRA_ES 285lm@250mA (W1206-102820-3110) P:4W

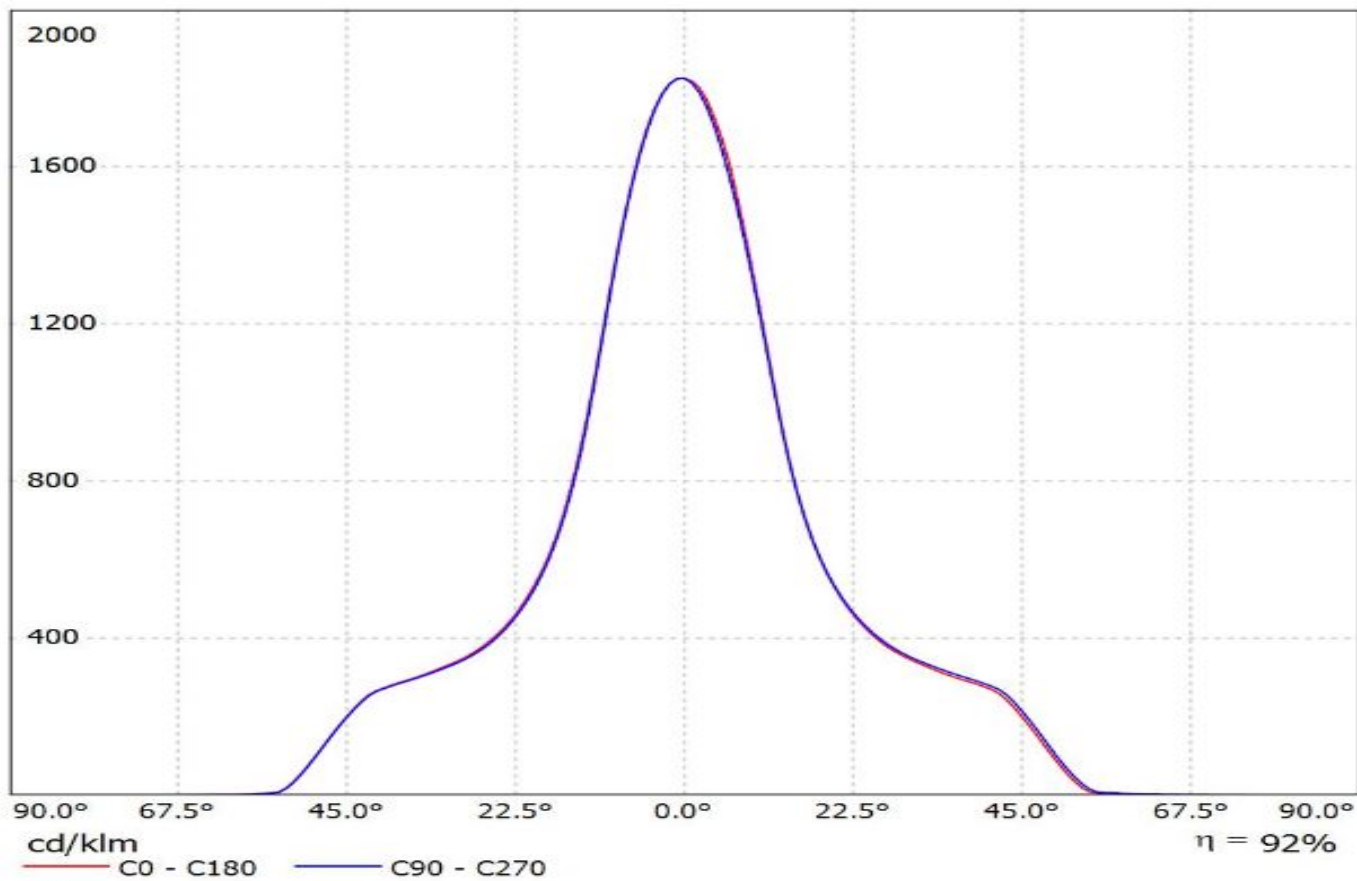


Luminaire: Ledil F13659_ANGELINA-S-B_(V15+BJB)

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

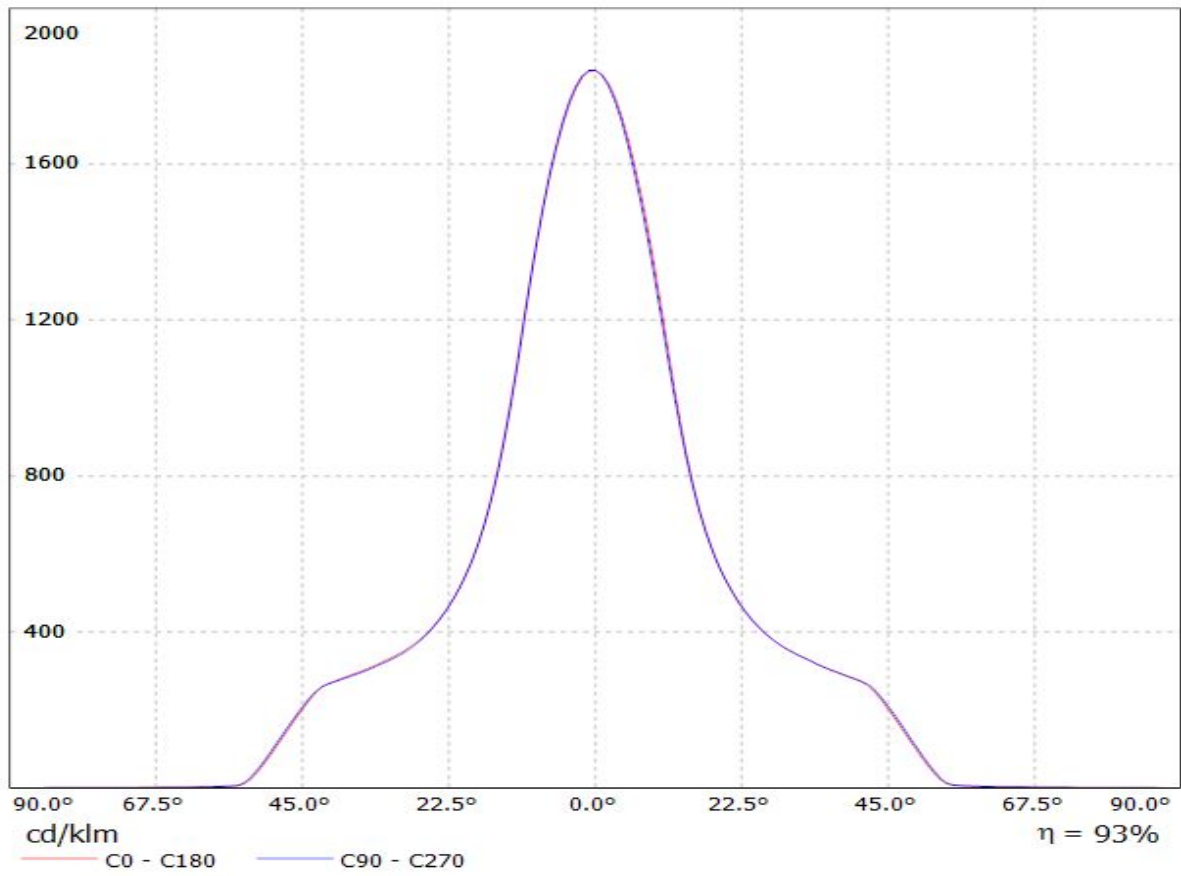


Luminaire: Ledil F13659_ANGELINA-S-B_(V18+BJB)
Lamps: 1 x Bridgelux_V18_(BXRC-30E4000-F-23)
_+47.319.2274_1094.62lm@250mA_CCT=3000K_P=6.875W_I=0.25A



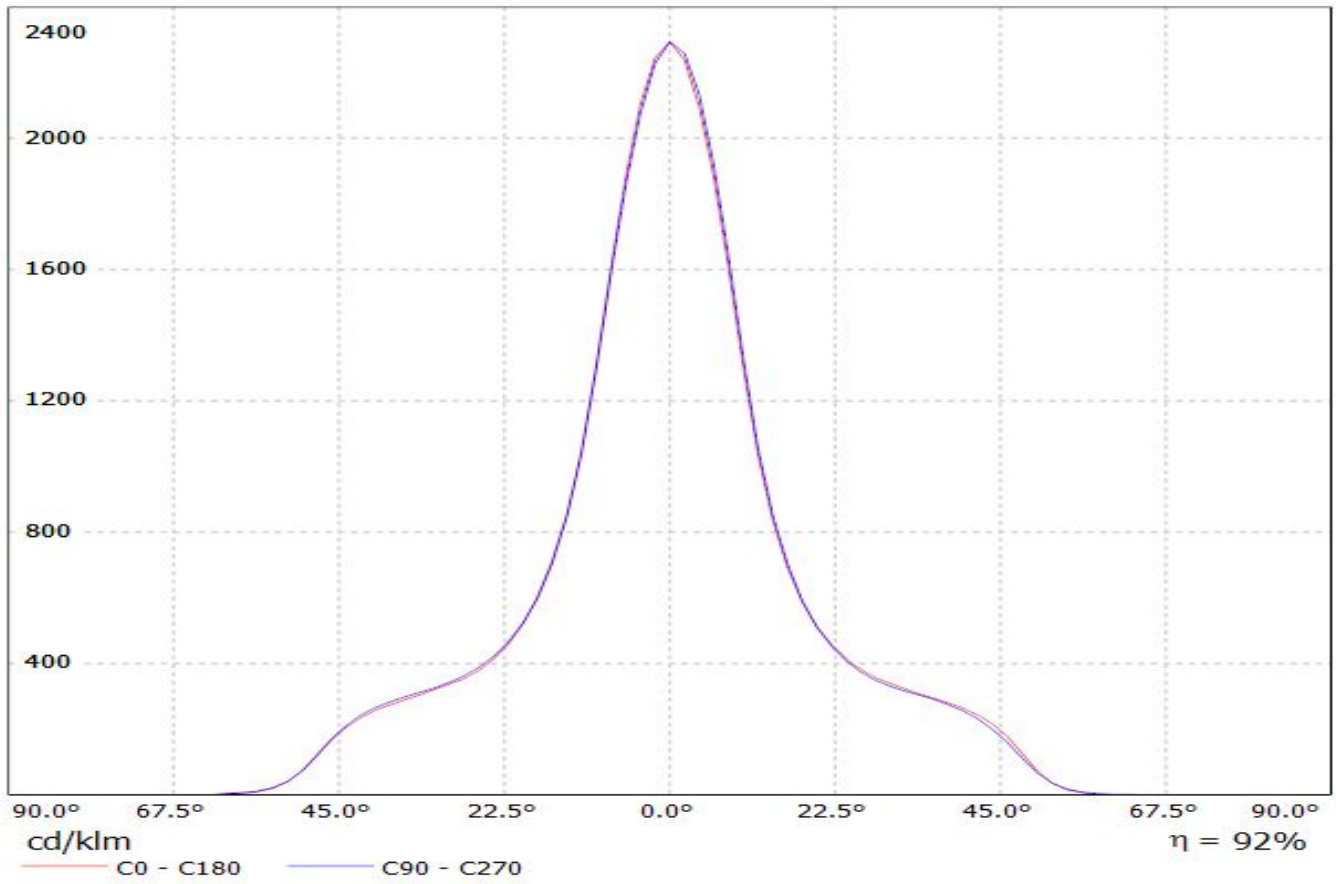
Luminaire: LEDiL Oy F13659_ANGELINA-S-B_(V18_Gen7)+BJB

Lamps: 1 x Bridgelux_V18_Gen7_(BXRE-30E4000-B)+BJB_47.319.2350_1384.73lm@250mA_P=8.09577W_I=0.25A



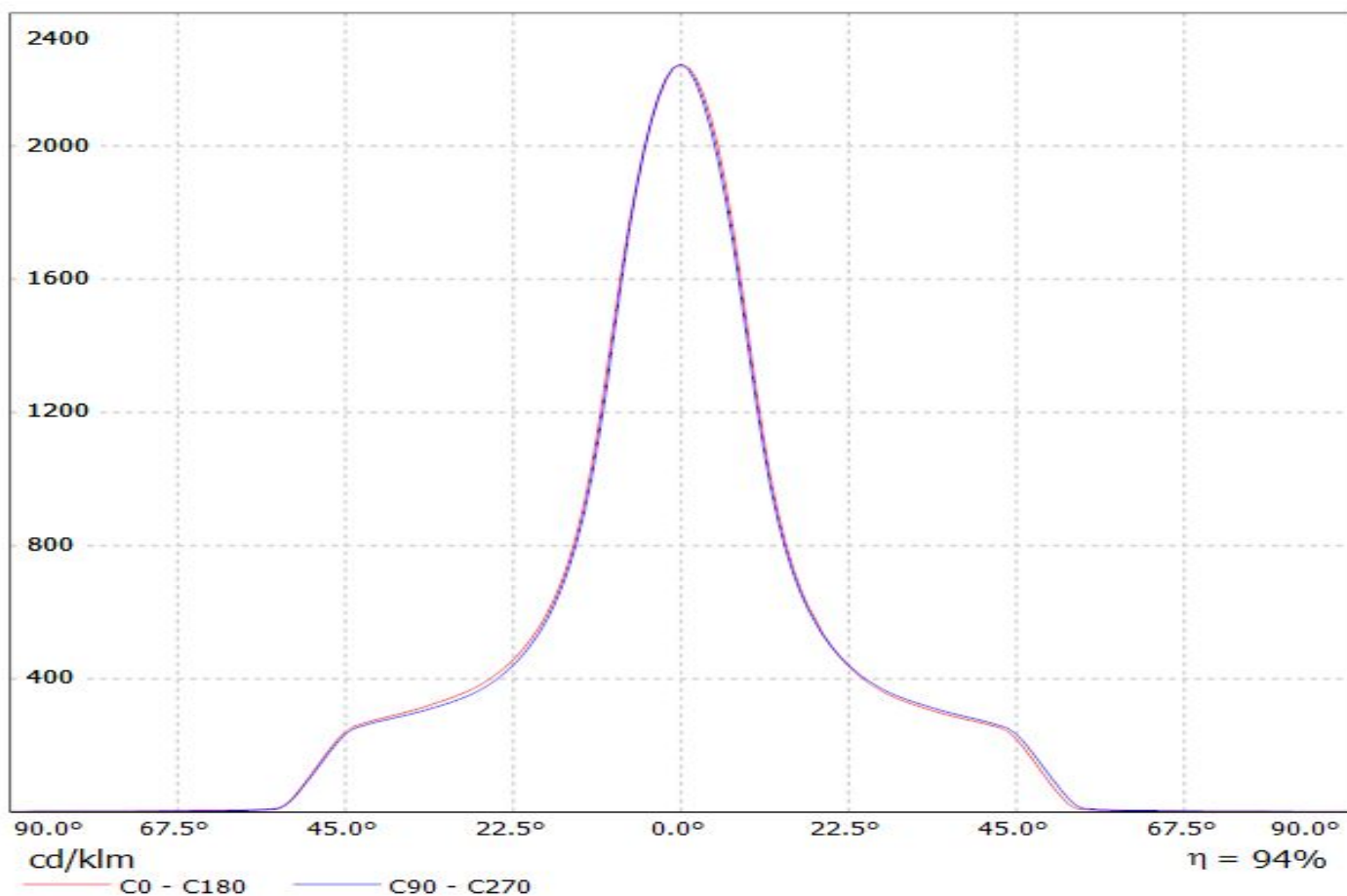
Luminaire: LEDiL F13659_ANGELINA-S-B

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



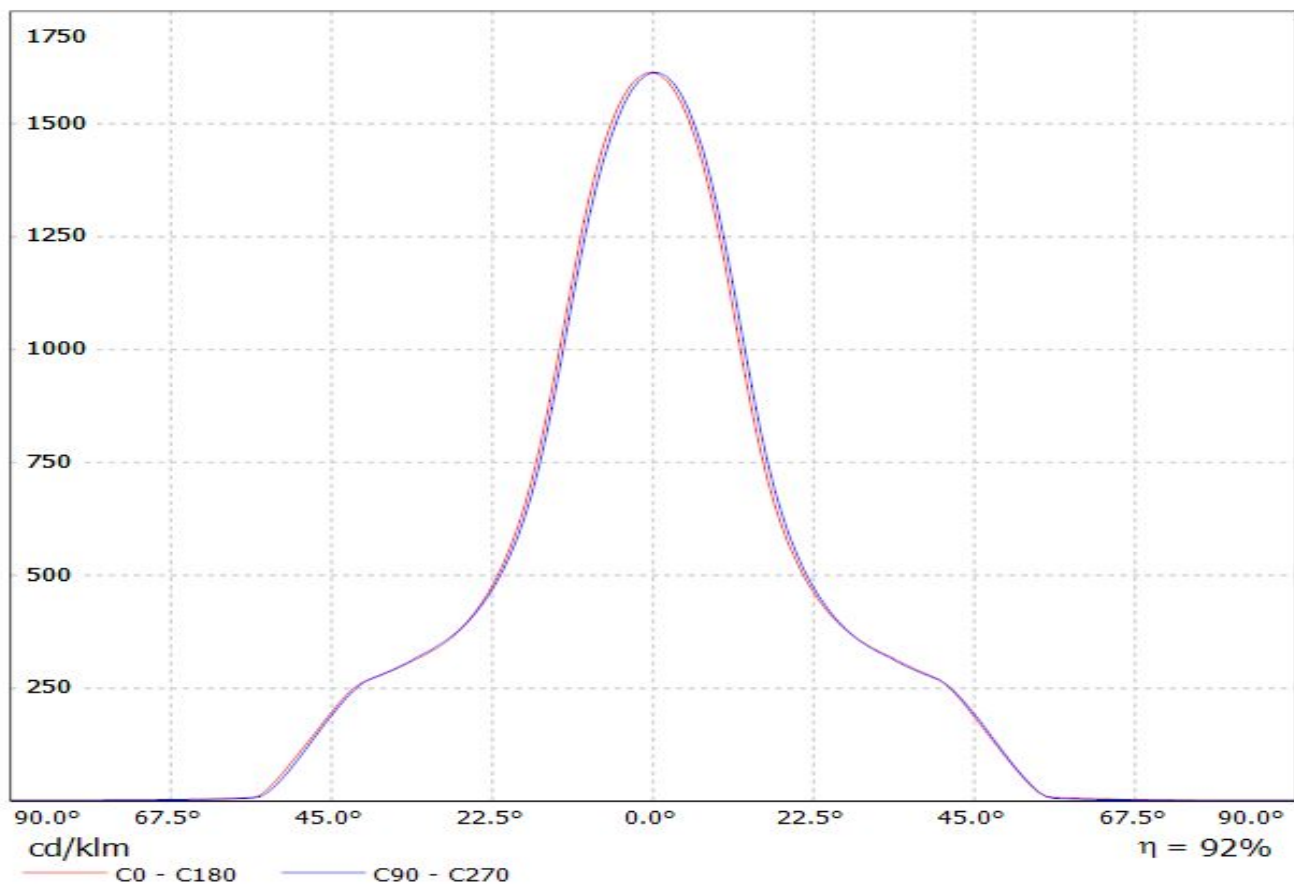
Luminaire: LEDiL Oy F13659_ANGELINA-S-B_(CLU034)

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

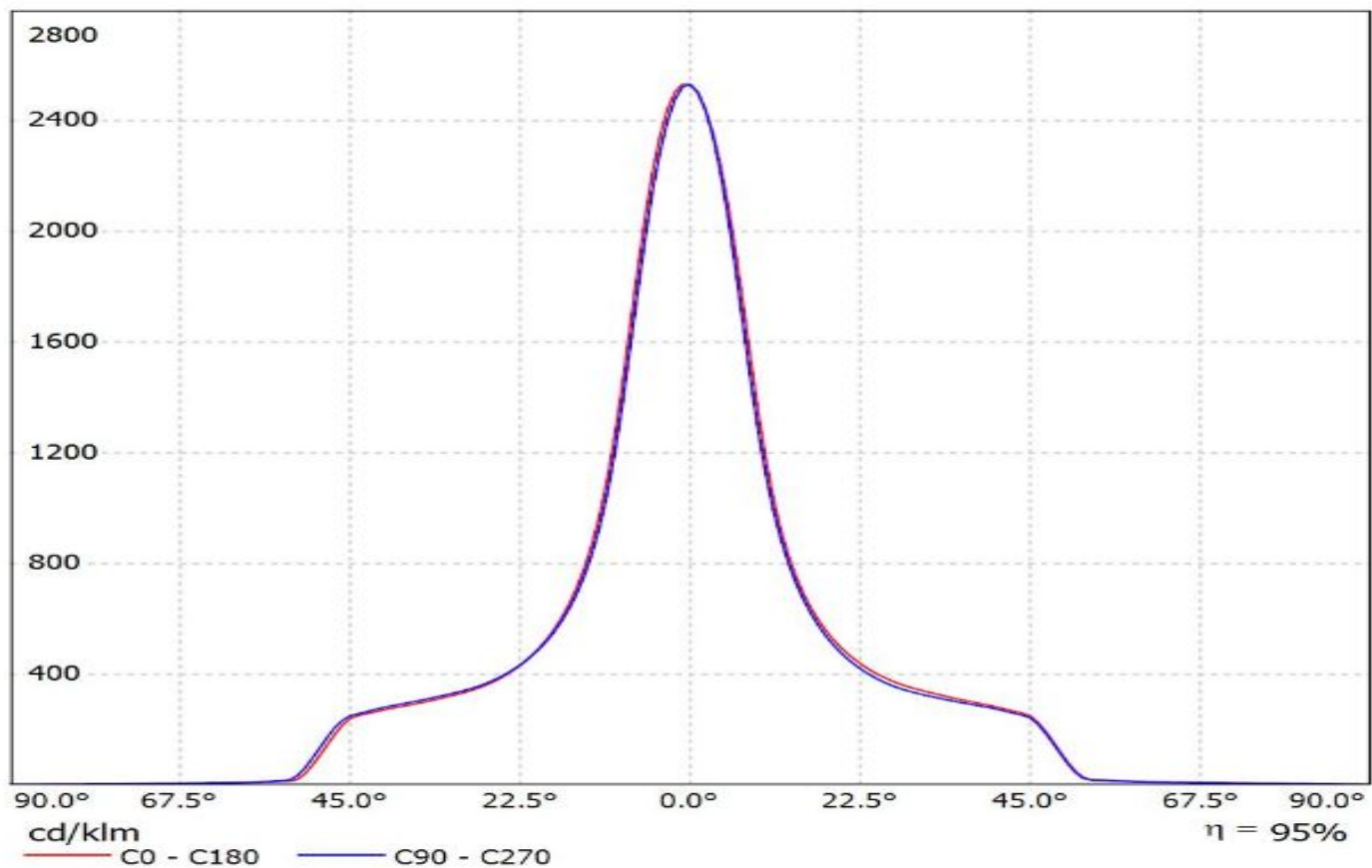


Luminaire: LEDiL Oy F13659_ANGELINA-S-B_(CLU044)

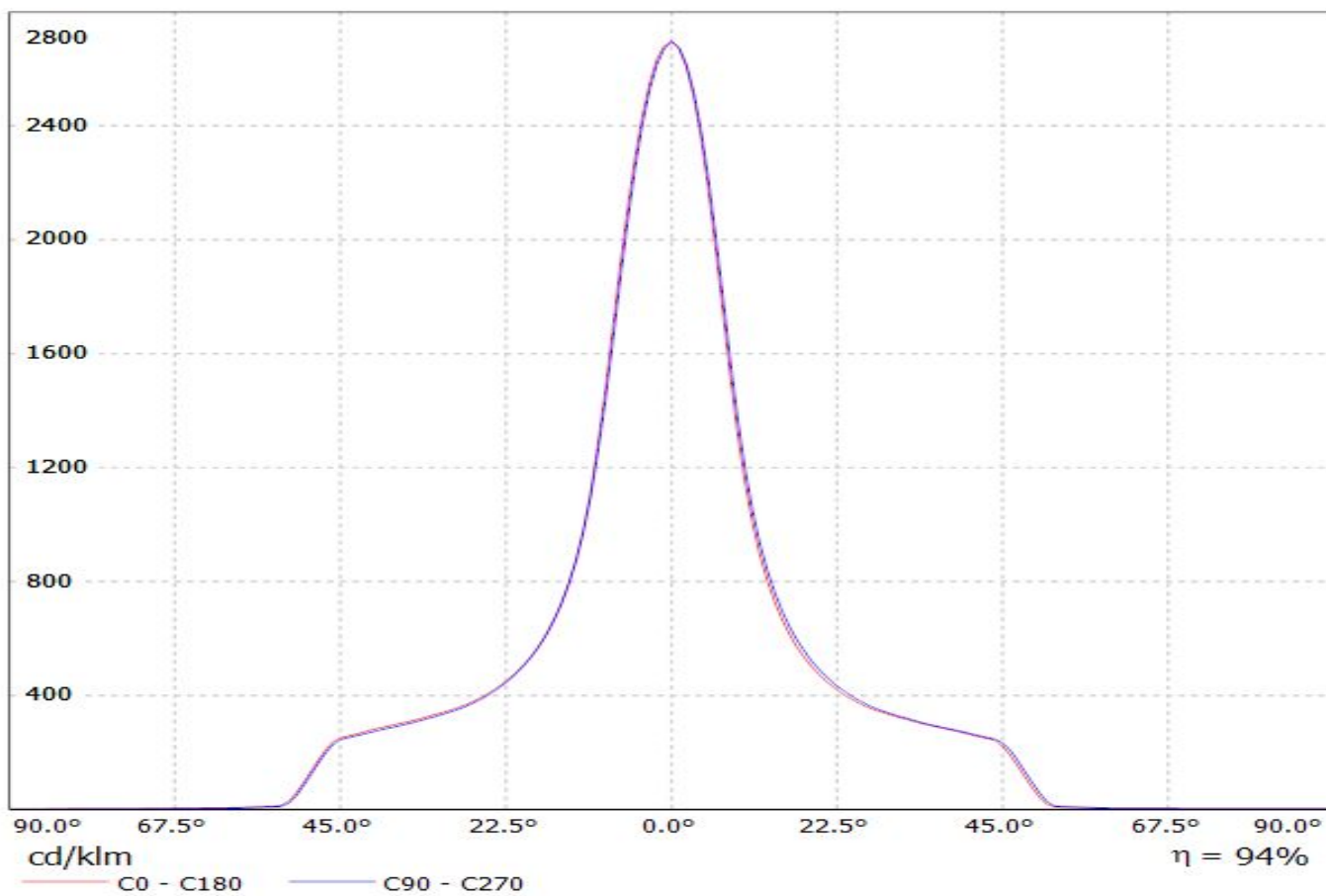
Lamps: 1 x Citizen_CLU044_(CLU044-1212B8-303M1A2)_1300.9lm@250mA_P=8.14849W_I=249.9mA



Luminaire: Ledil F13659_ANGELINA-S-B_(CITIZEN_CLU720)
Lamps: 1 x CITIZEN_CLU720_(CLU720-1206B8-273M2)
_1320.42lm@250mA_CCT=2700K_P=8.35W_I=0.25A

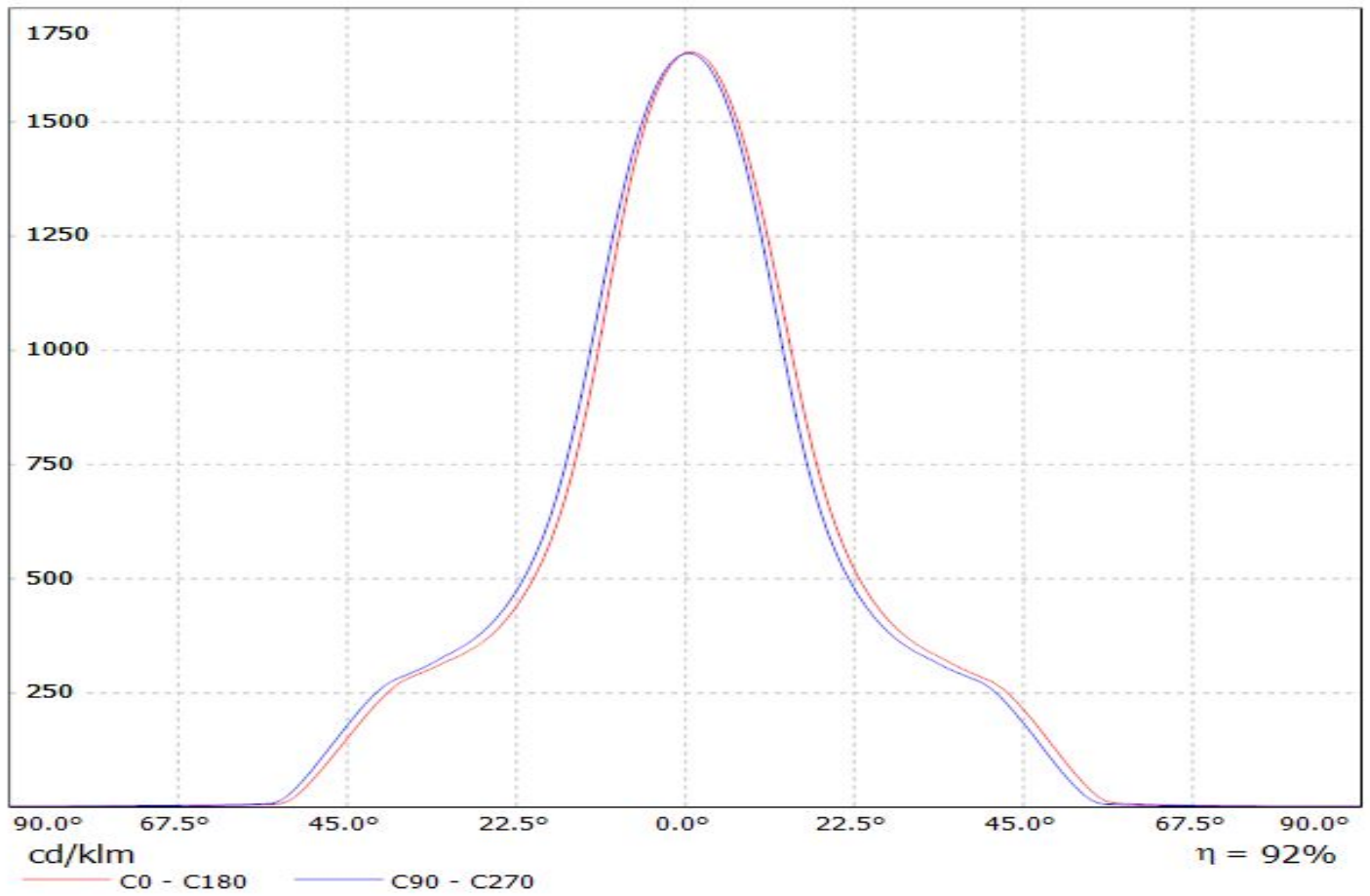


Luminaire: LEDiL Oy F13659_ANGELINA-S-B_(CITIZEN_CLU720)
Lamps: 1 x CITIZEN_CLU720_(BJB: 47.319.2020)_1214.68lm@250mA_CCT=2700K_P=8.31842W_I=0.25A

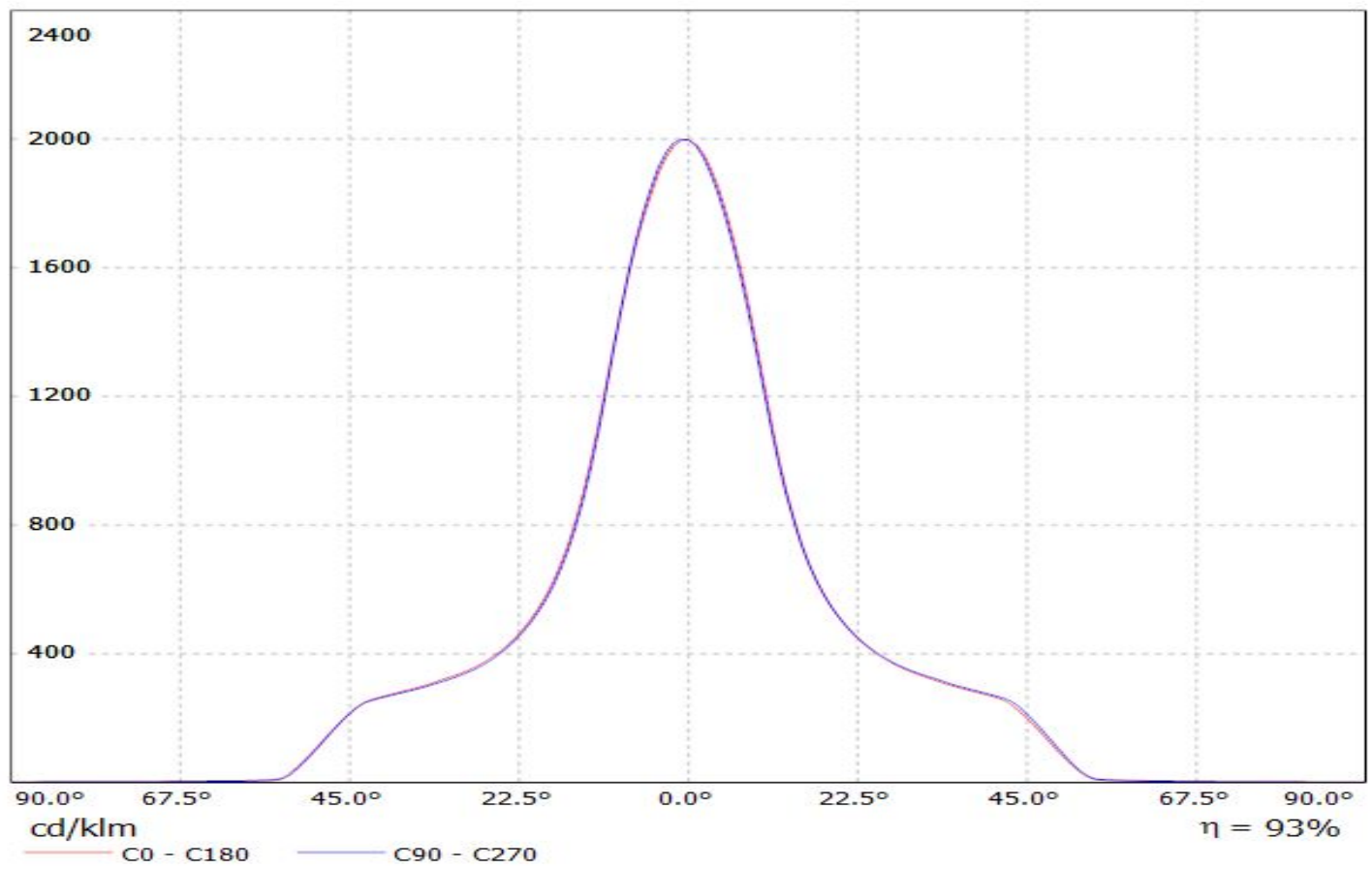


Luminaire: LEDiL Oy F13659_ANGELINA-S-B_(CXA30)

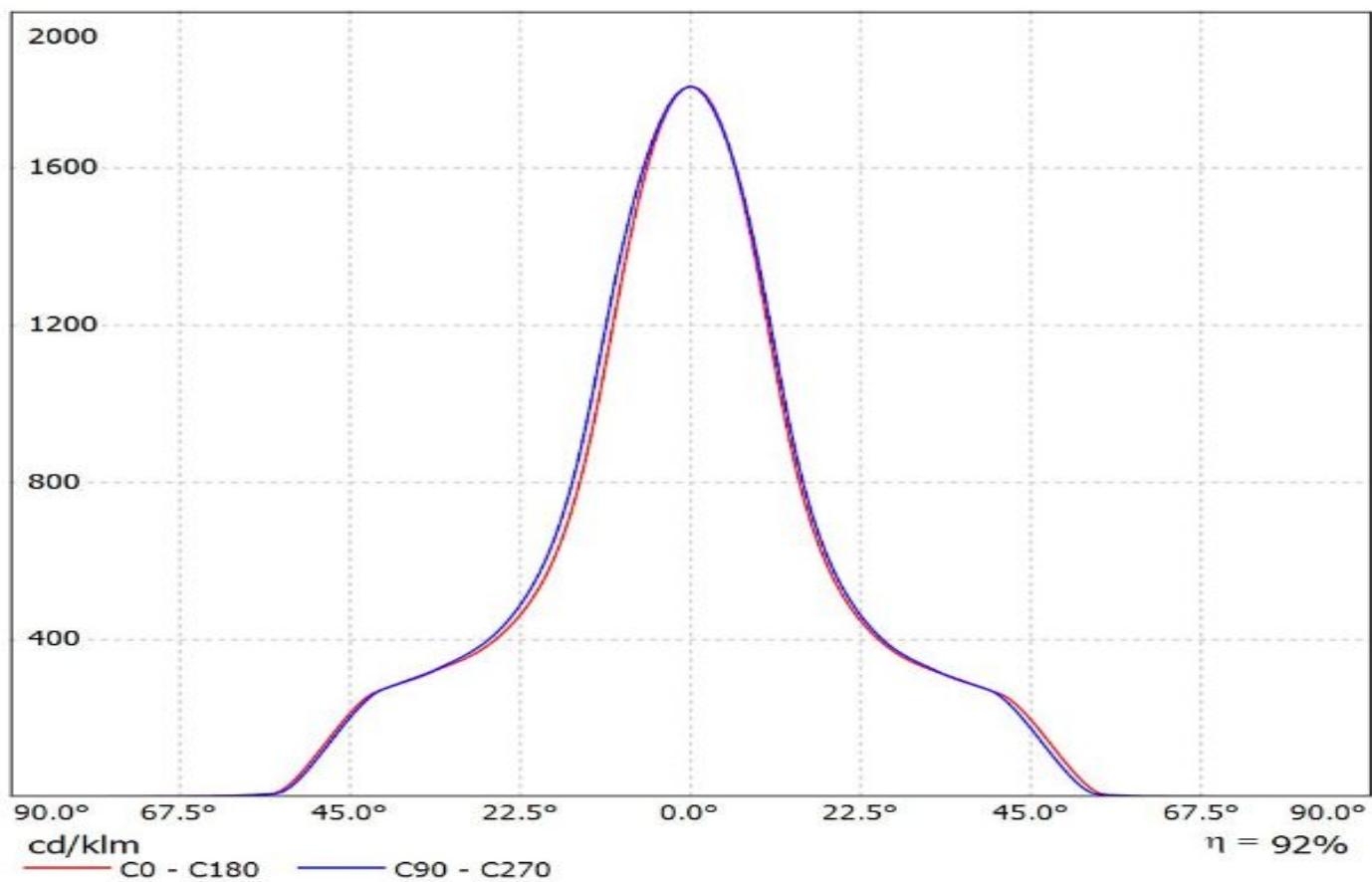
Lamps: 1 x Cree_CXA30_(CXA3050-3C0-Y2-N0H)_1395.36lm@250mA_P=8.20318W_I=249.8mA



Luminaire: LEDiL Oy F13659_ANGELINA-S-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 F13659_ANGELINA-S-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

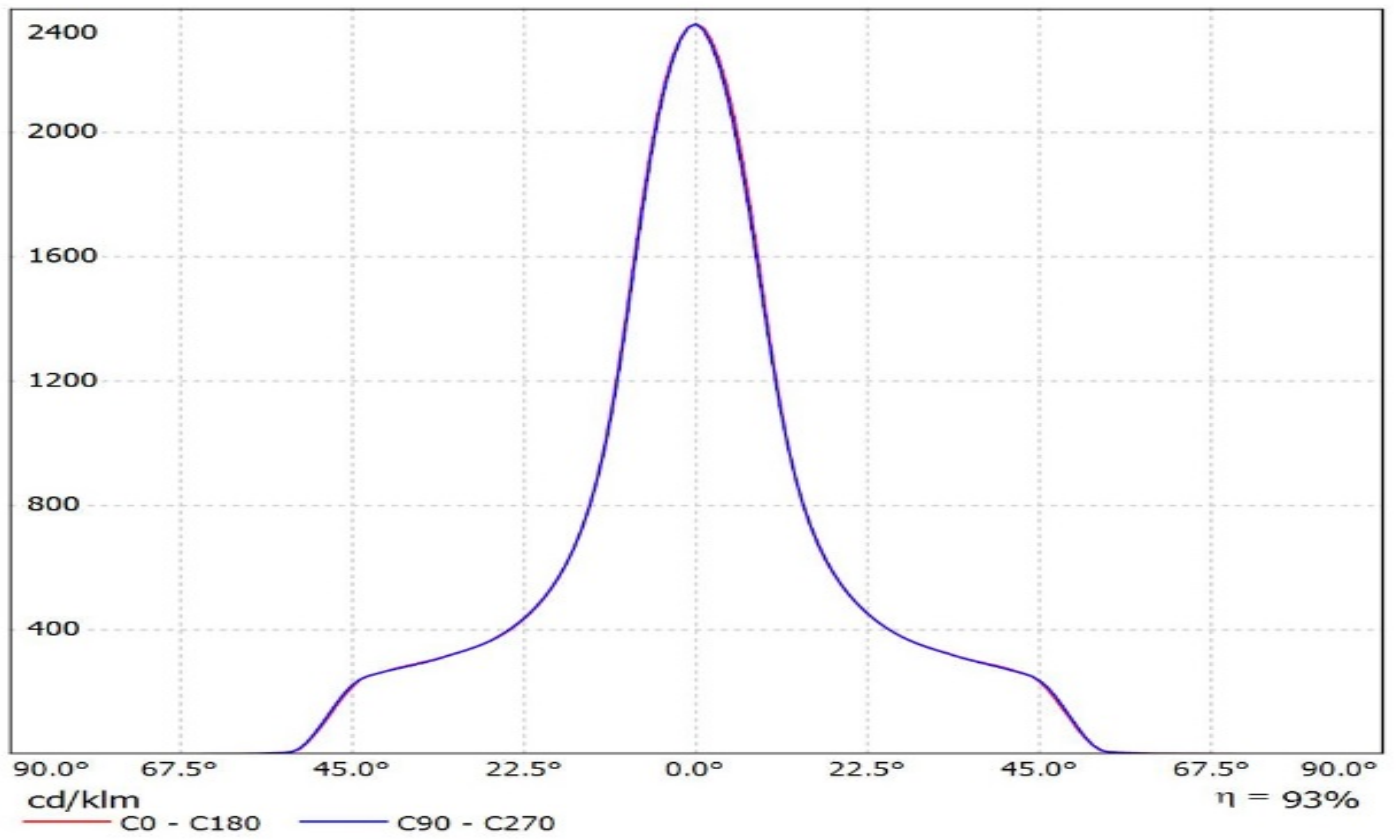


Ledil F13659_ANGELINA-S-B_(COB_10W)_(BJB_47_319_2080) / LDC (Linear)

Luminaire: Ledil F13659_ANGELINA-S-B_(COB_10W)_(BJB_47_319_2080)

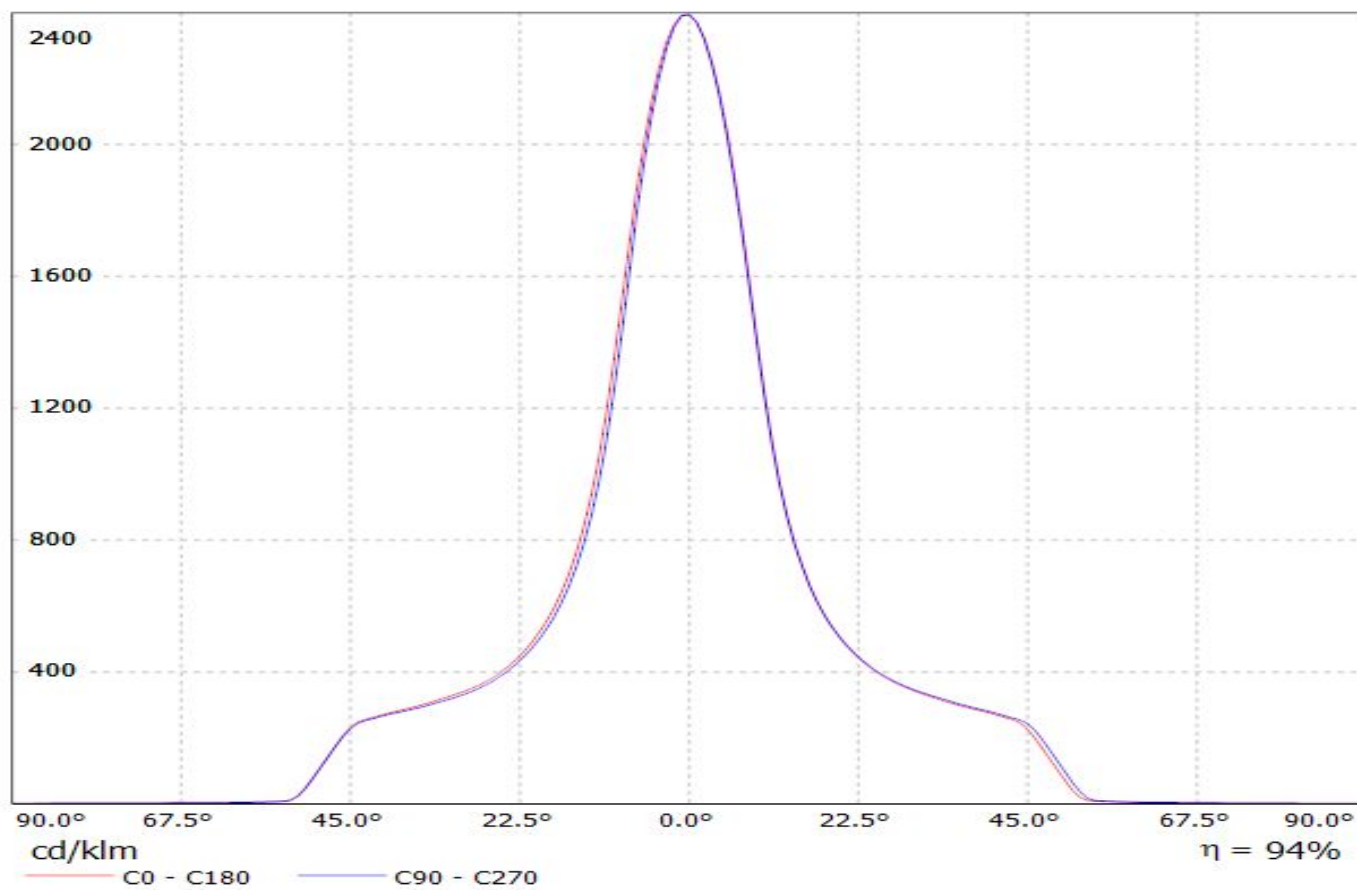
Lamps: 1 x LG_COB_10W_(LEMWWM18580LG00)_(BJB_47_319_2080)

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



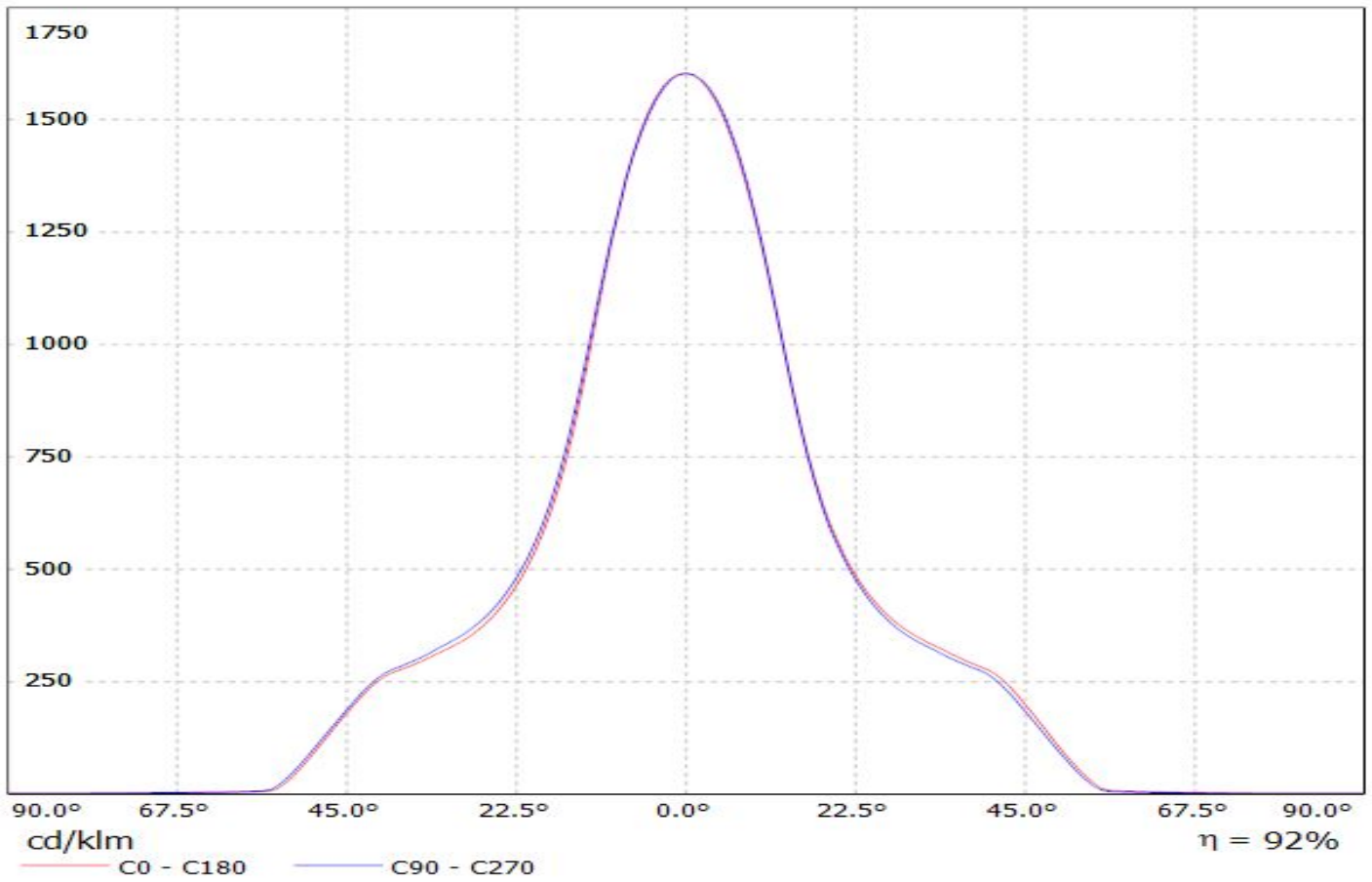
Luminaire: LEDiL Oy F13659_ANGELINA-S-B_(LG_COB_10W)

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



Luminaire: LEDiL Oy F13659_ANGELINA-S-B_(COB_40W)

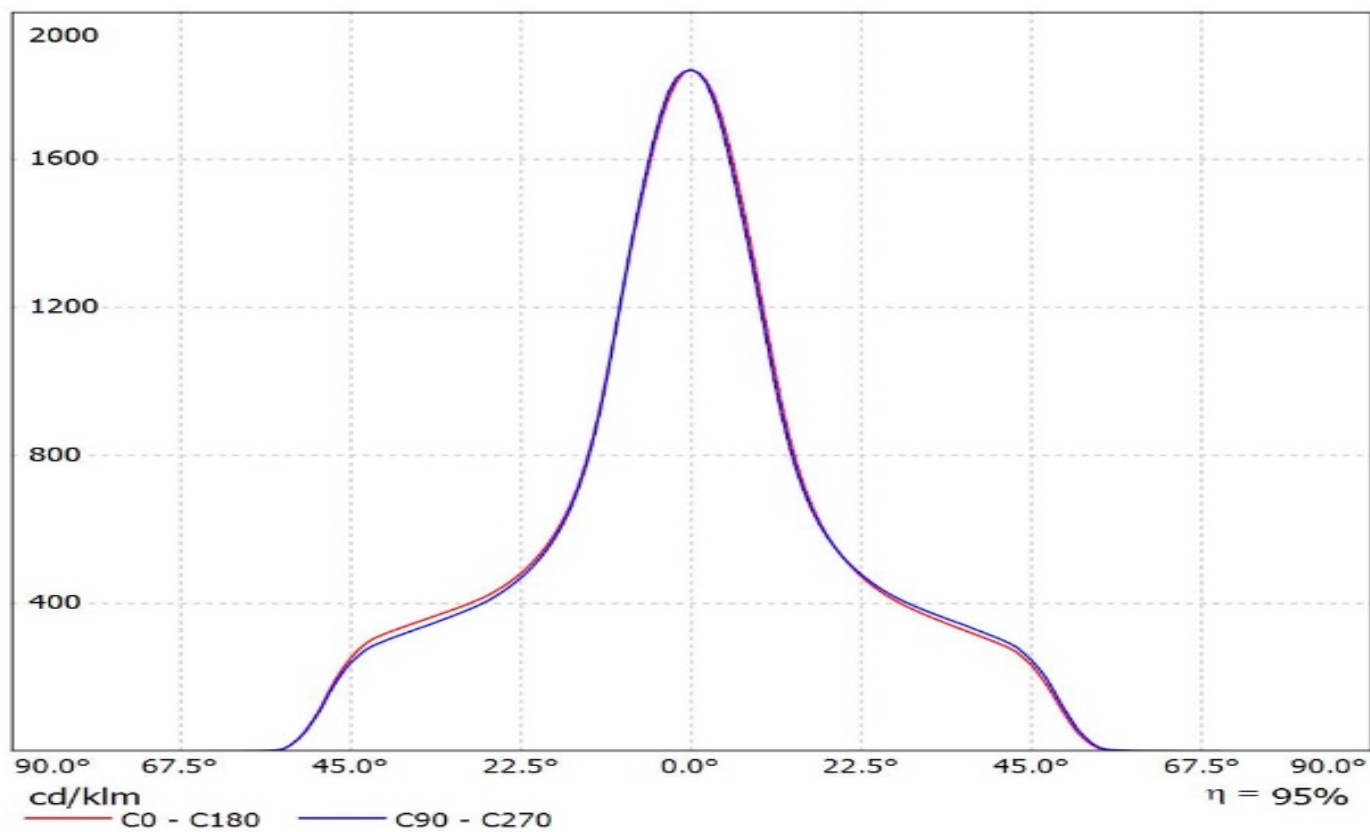
Lamps: 1 x LG_COB_40W_1163.31lm@250mA_CCT=3000K_P=8.04906W_I=249.8mA



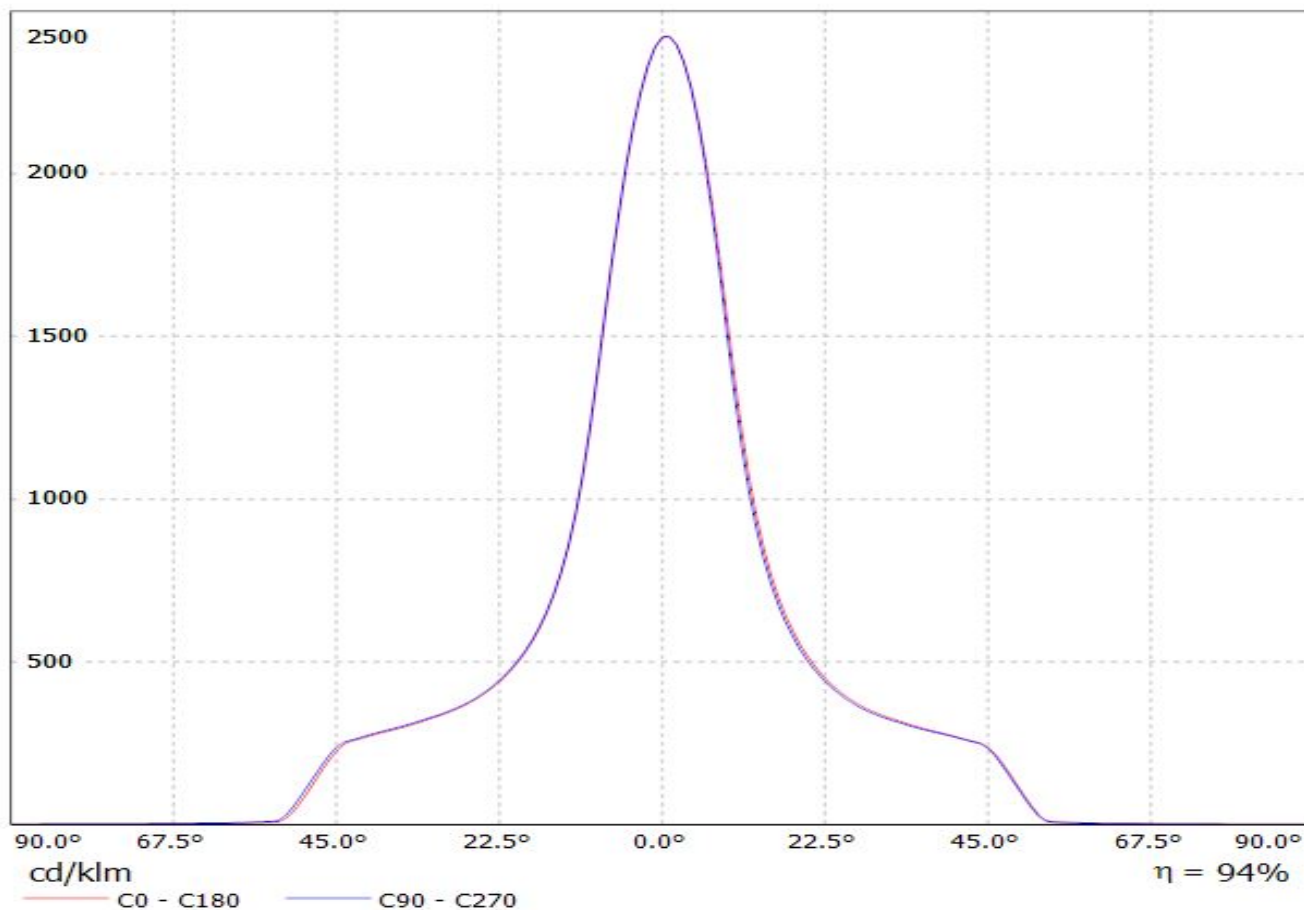
Ledil F13659_ANGELINA-S-B_(Luxeon_K16)_(47_319_2070) / LDC (Linear)

Luminaire: Ledil F13659_ANGELINA-S-B_(Luxeon_K16)_(47_319_2070)

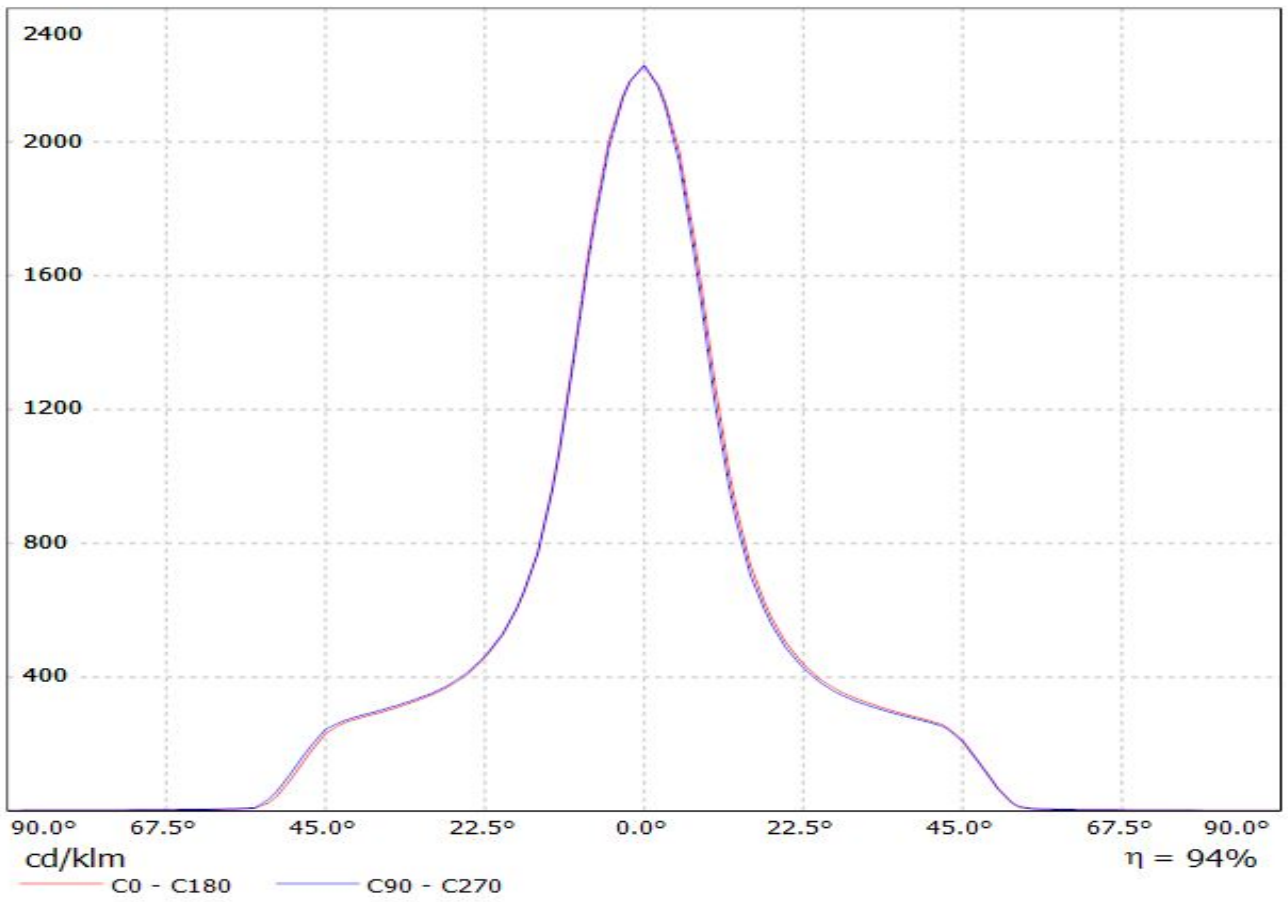
Lamps: 1 x Philips_Lumileds_Luxeon_K16_(BJB.47.319.2070)
_1276.25lm@250mA_P=10.95525W_I=0.250A



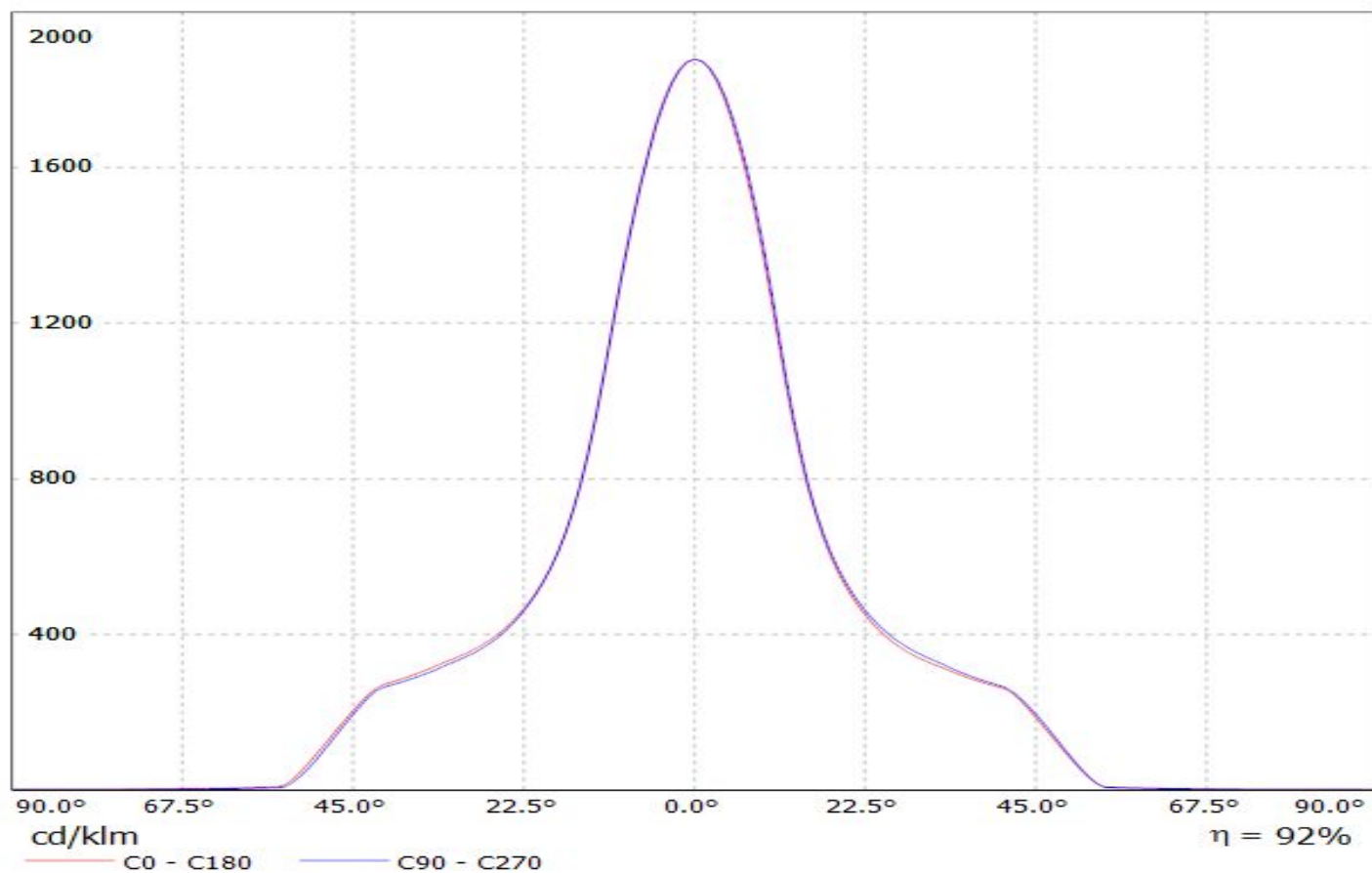
Luminaire: LEDiL Oy F13659_ANGELINA-S-B (Luxeon_CoB_1205)
Lamps: 1 x LUXEON_COB_1205_(LHC1-3080-1205)_1115lm@250mA_CCT=3000K_P=11.183W_I=249.8mA



Luminaire: LEDiL Oy F13659_ANGELINA-S-B_(Luxeon_CoB_1208)
Lamps: 1 x Luxeon_CoB_1208_1057.71lm@250mA_P=8.26438W_I=249.8mA

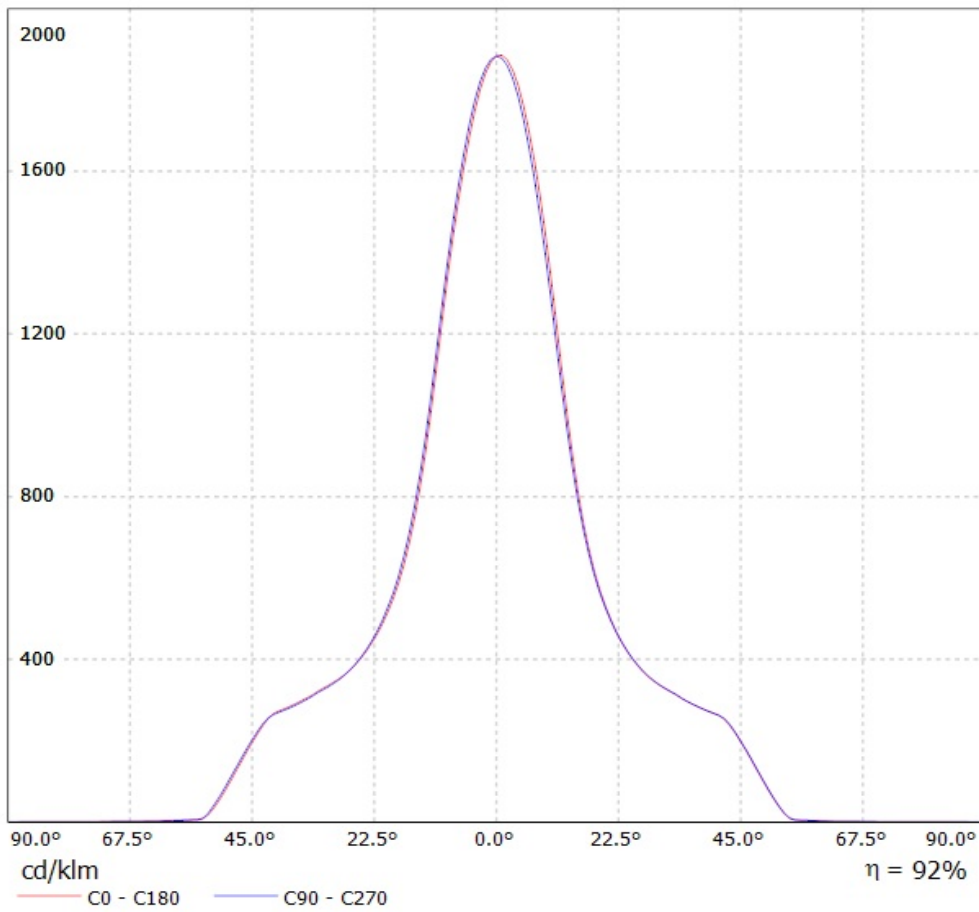


Luminaire: LEDiL Oy F13659_ANGELINA-S-B_(Luxeon_CoB_1211)
Lamps: 1 x LUXEON_COB_1211_(LHC1-2790-1211)
_923.583lm@250mA_CCT=2700K_P=8.00909W_I=249.8mA



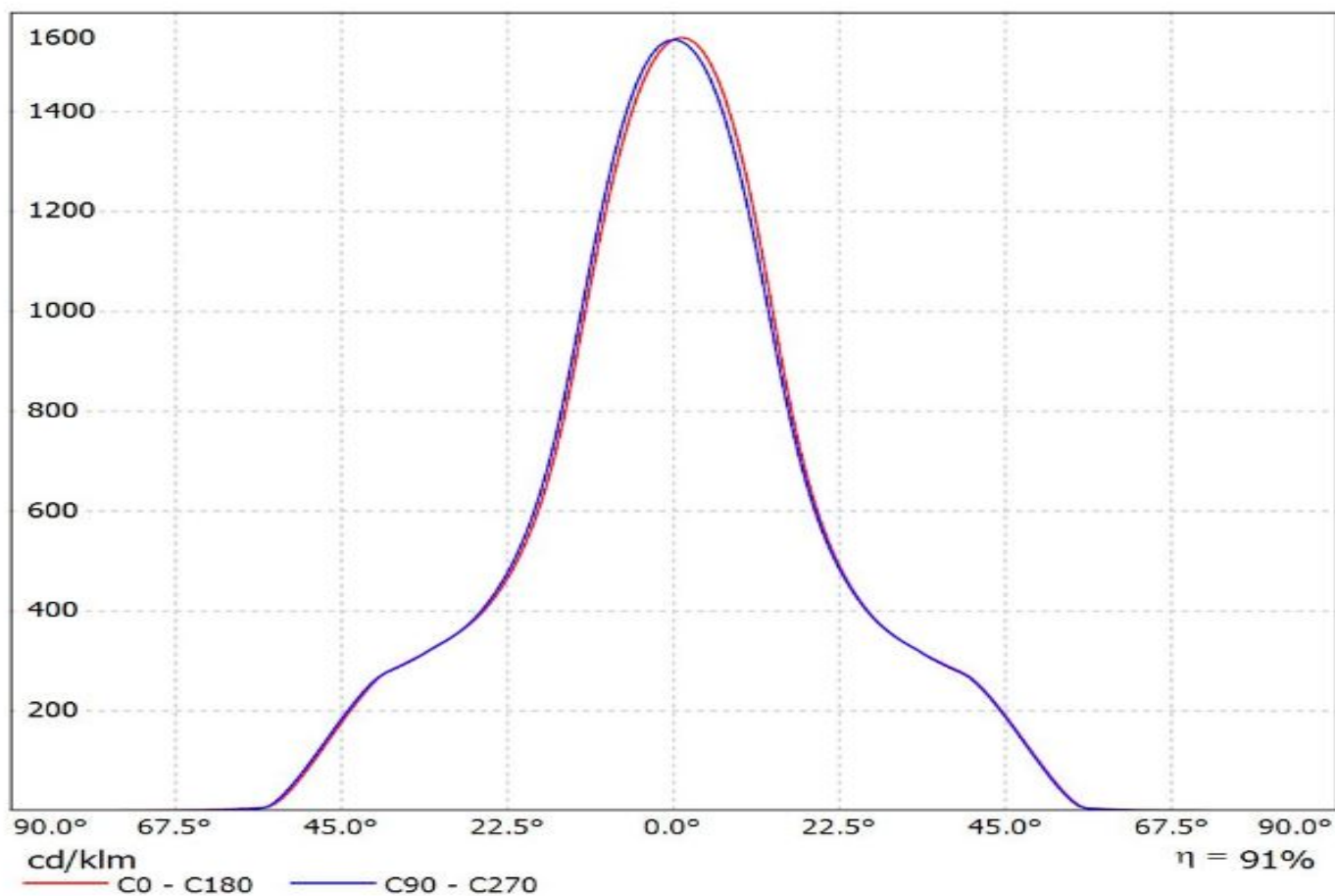
Luminaire: LEDiL Oy F13659_ANGELINA-S-B_(Luxeon_CoB_1211)_(BJB2030)

Lamps: 1 x Philips_Lumileds_Luxeon_CoB_1211_(LHC1-5780-1211)_(BJB2030)_1331.52lm@250mA_CCT(approx.)=5700K_P=8.03628W_I=0.2499A

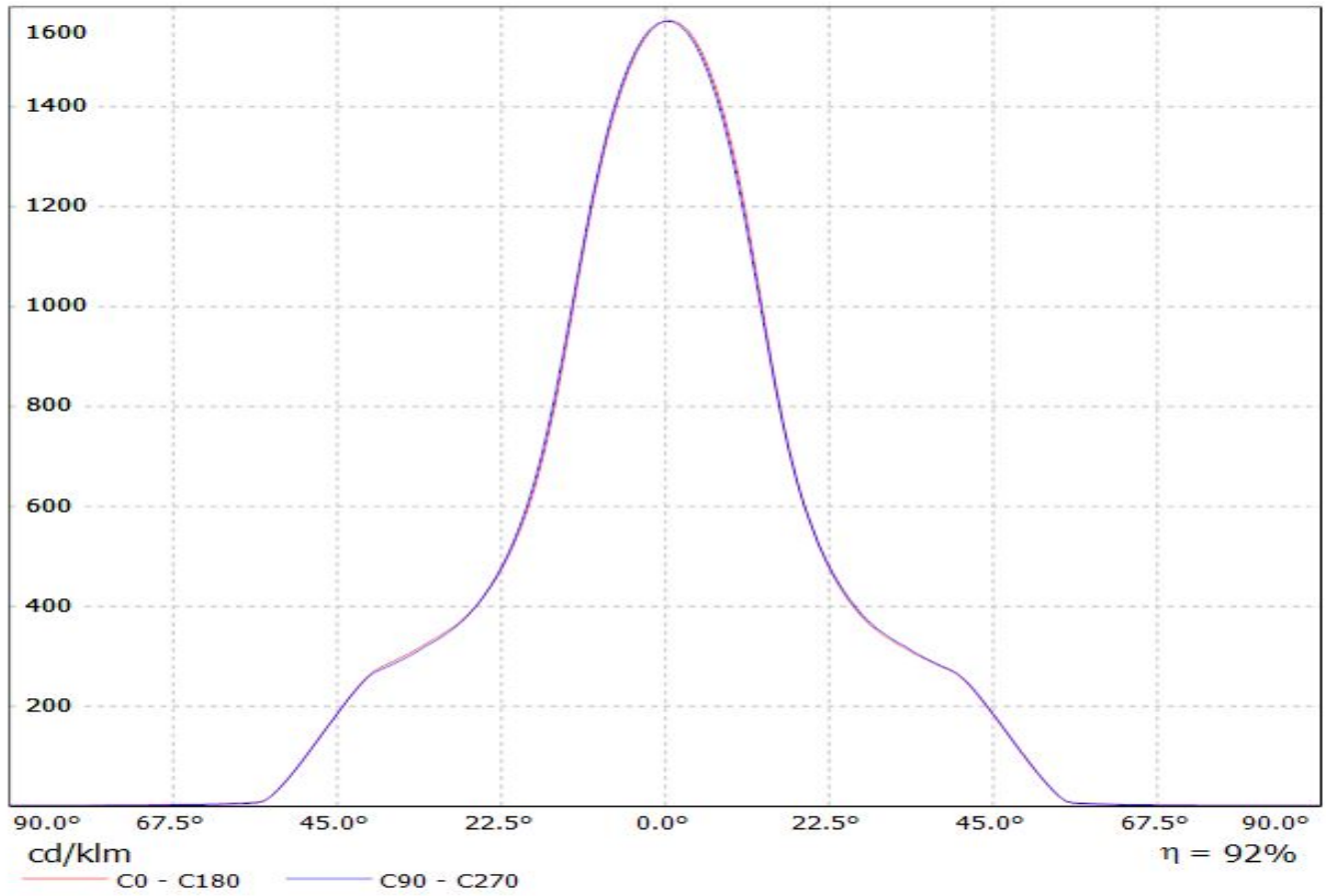


Luminaire: Ledil F13659_ANGELINA-S-B (CoB_1216)

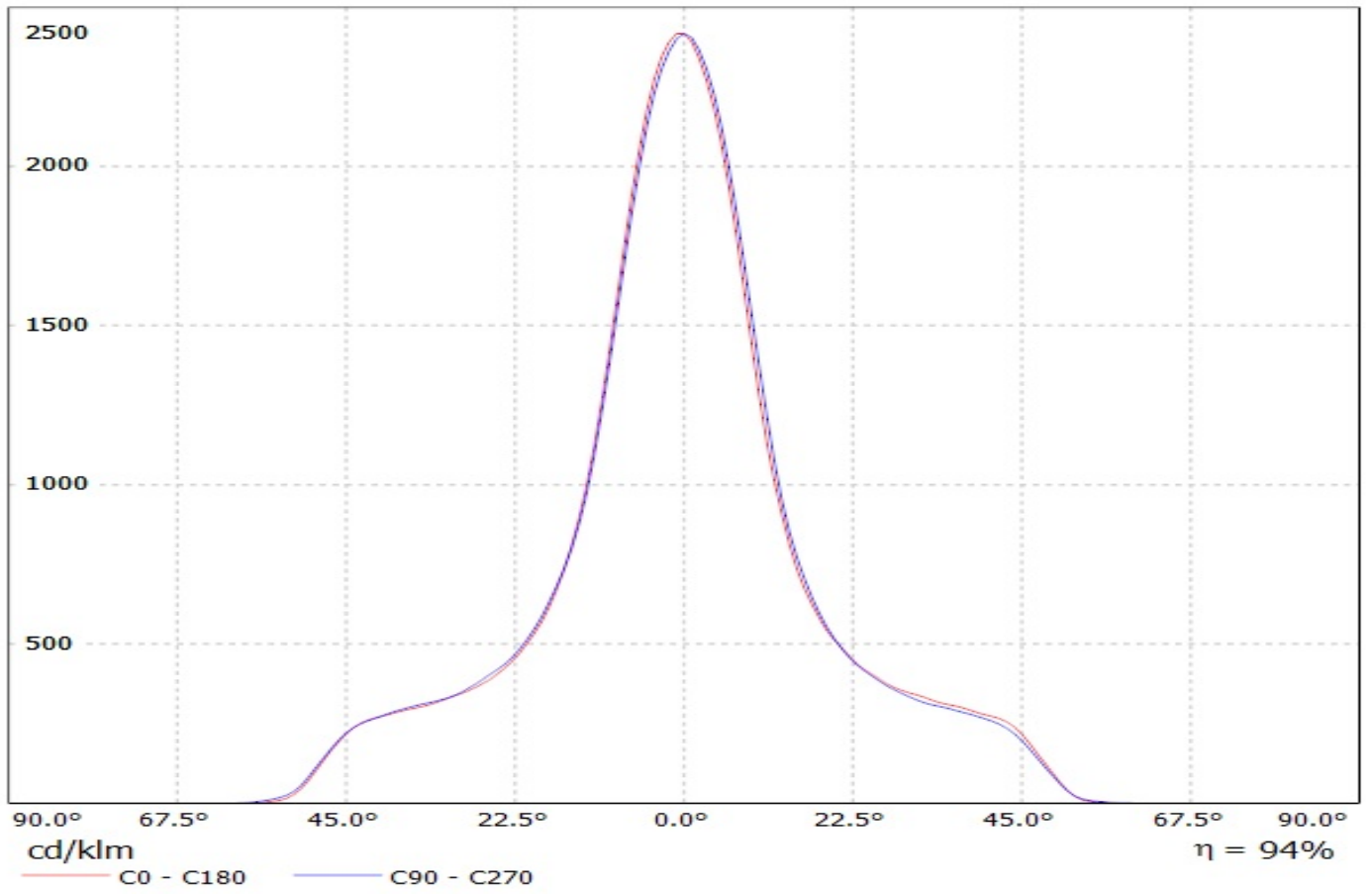
Lamps: 1 x Luxeon_CoB_1216_(L2C2-40801216E2300)_1478.53lm@250mA_P=8.0068W_I=0.25A



Luminaire: LEDiL Oy F13659_ANGELINA-S-B_(CXM-22) Eff.92.2%
Lamps: 1 x LUMINUS_CXM-22_1221.8lm@250mA_P=8.00809W_CCT=3000K_I=249.8mA

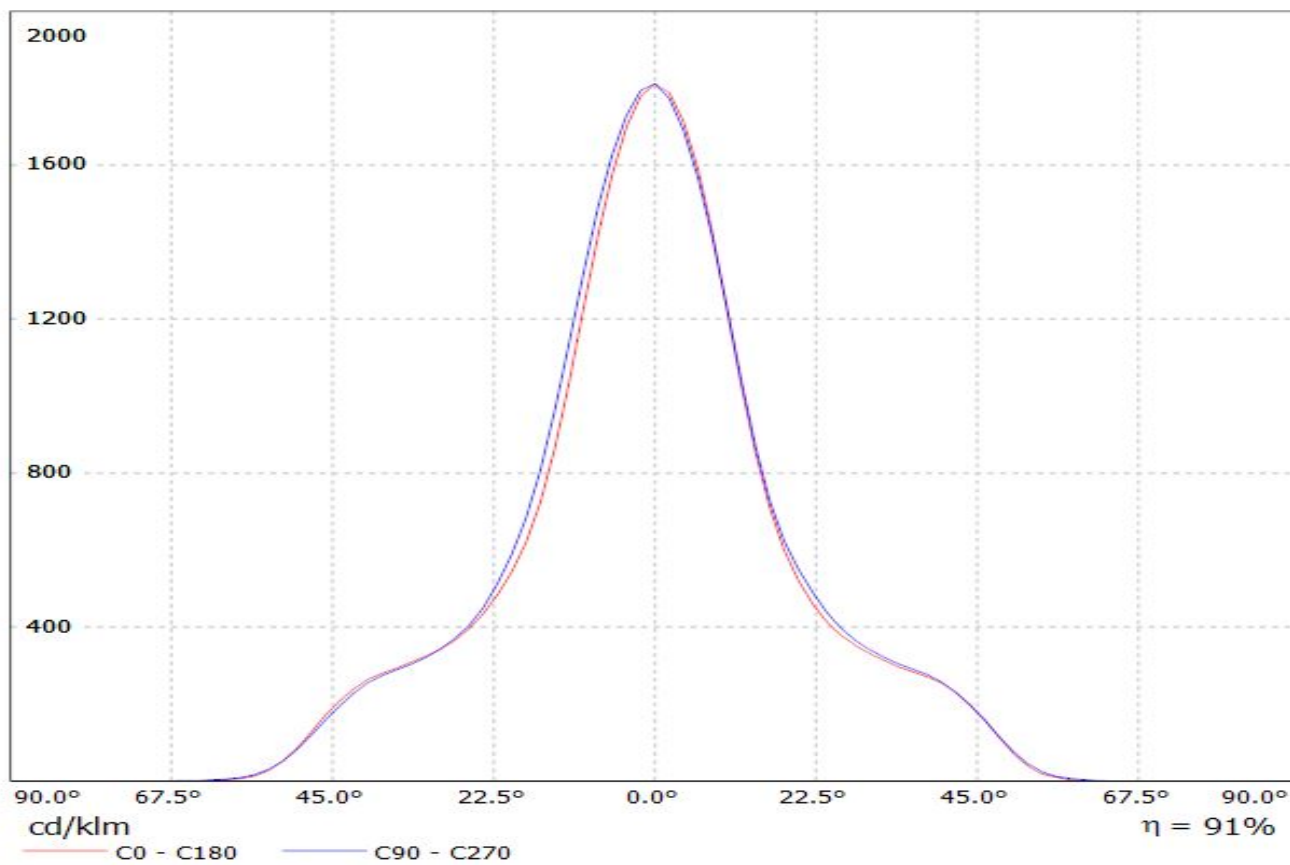


Luminaire: LEDil Oy F13659_ANGELINA-S-B_(CXM-14)
Lamps: 1 x Luminus CXM-14 (1078.95lm @ 250mA) CCT=3100K P=8.5W I=250mA

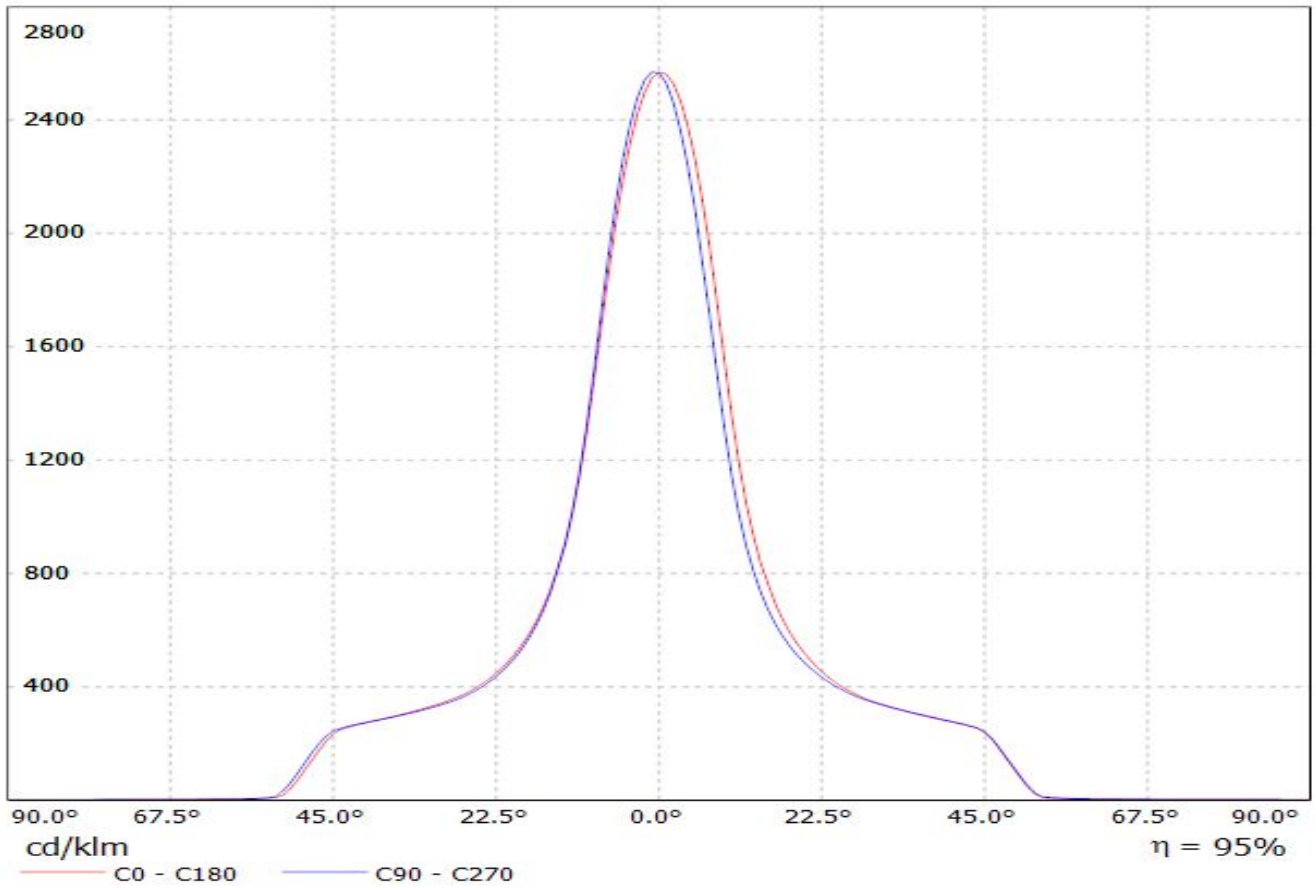


Luminaire: LEDiL F13659_ANGELINA-S-B (Soleriq_E30)

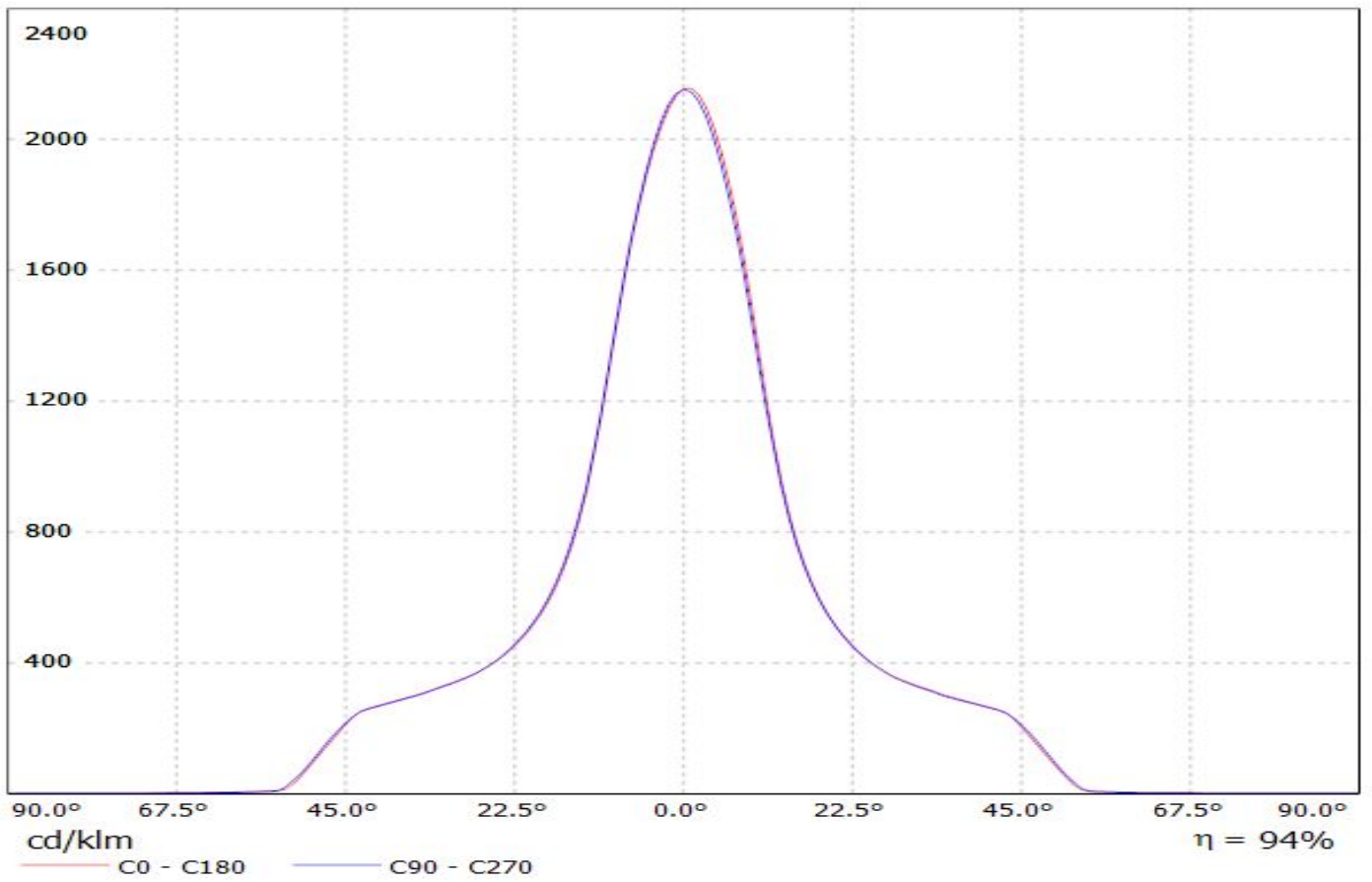
Lamps: 1 x Soleriq E30 1358lm@250mA (QW KAJRB2.EM-TPTR-50H4) P:10.23W



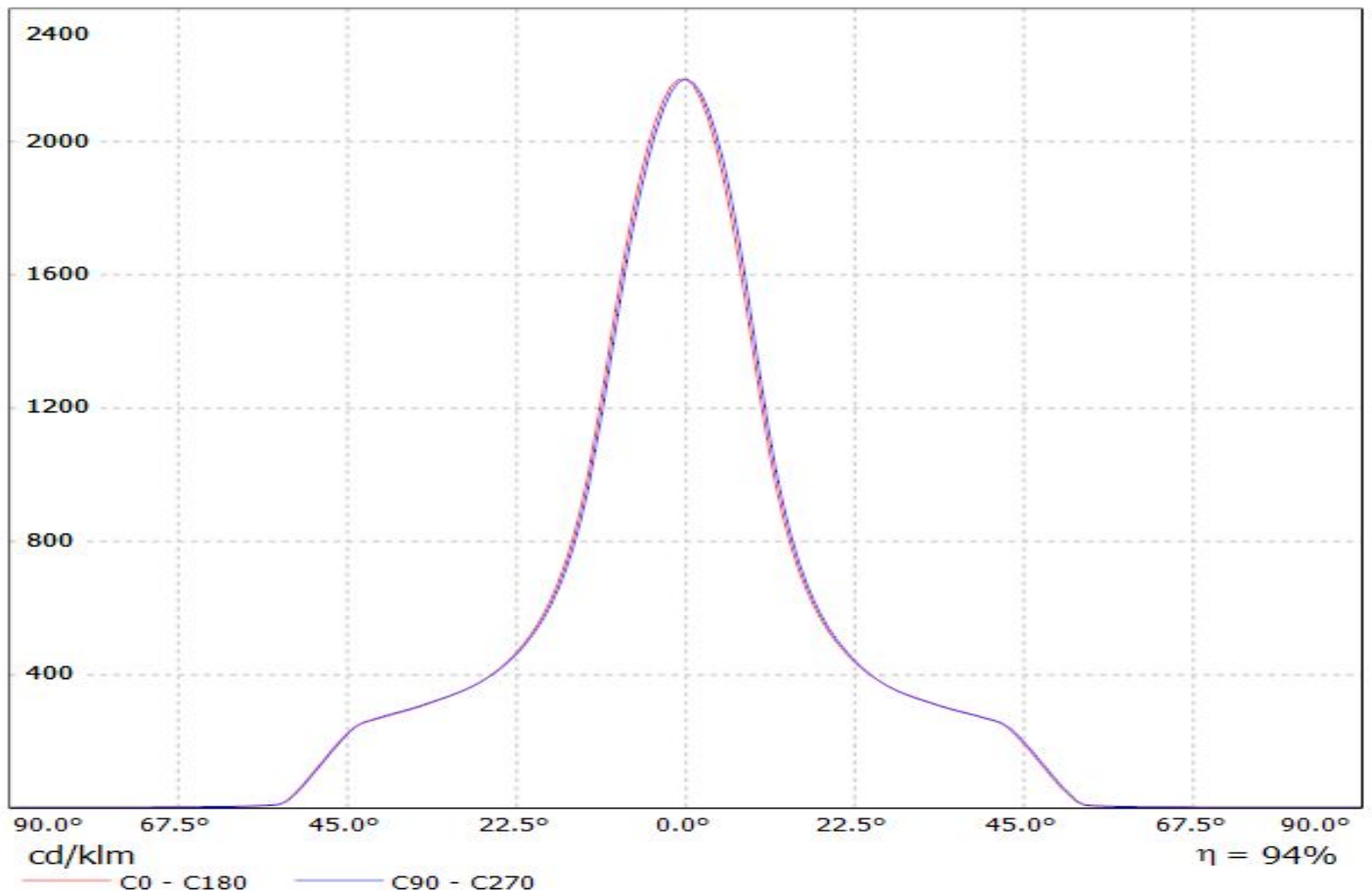
Luminaire: LEDiL Oy F13659_ANGELINA-S-B_(Soleriq_S13) Eff.94.0%
Lamps: 1 x Osram_Soleriq_S13_825.418lm@250mA_CCT=3125K_P=7.33663W_I=249.8mA



Luminaire: LEDiL Oy F13659_ANGELINA-S-B (Soleriq S19) Eff.93.9%
Lamps: 1 x OSRAM_SOLERIQ_S19_(GW_KAHJB1.EM)
_1445.44lm@250mA_CCT=3000K_P=10.558W_I=249.8mA

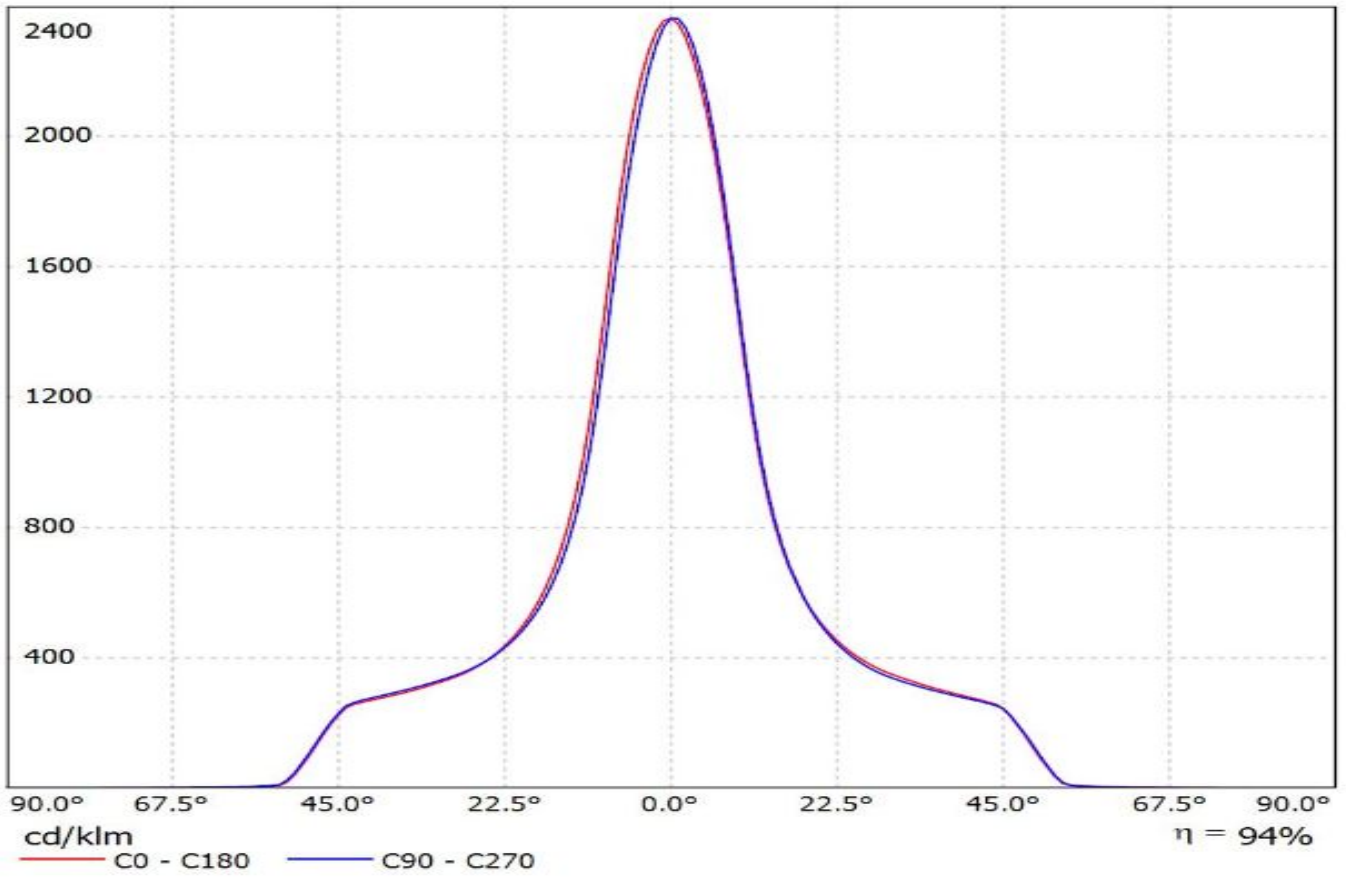


Luminaire: LEDiL Oy F13659_ANGELINA-S-B_(S19) Eff.93.7%
Lamps: 1 x Osram_SOLERIQ_S19_1434.85lm@250mA_P=10.5595W_I=249.8mA



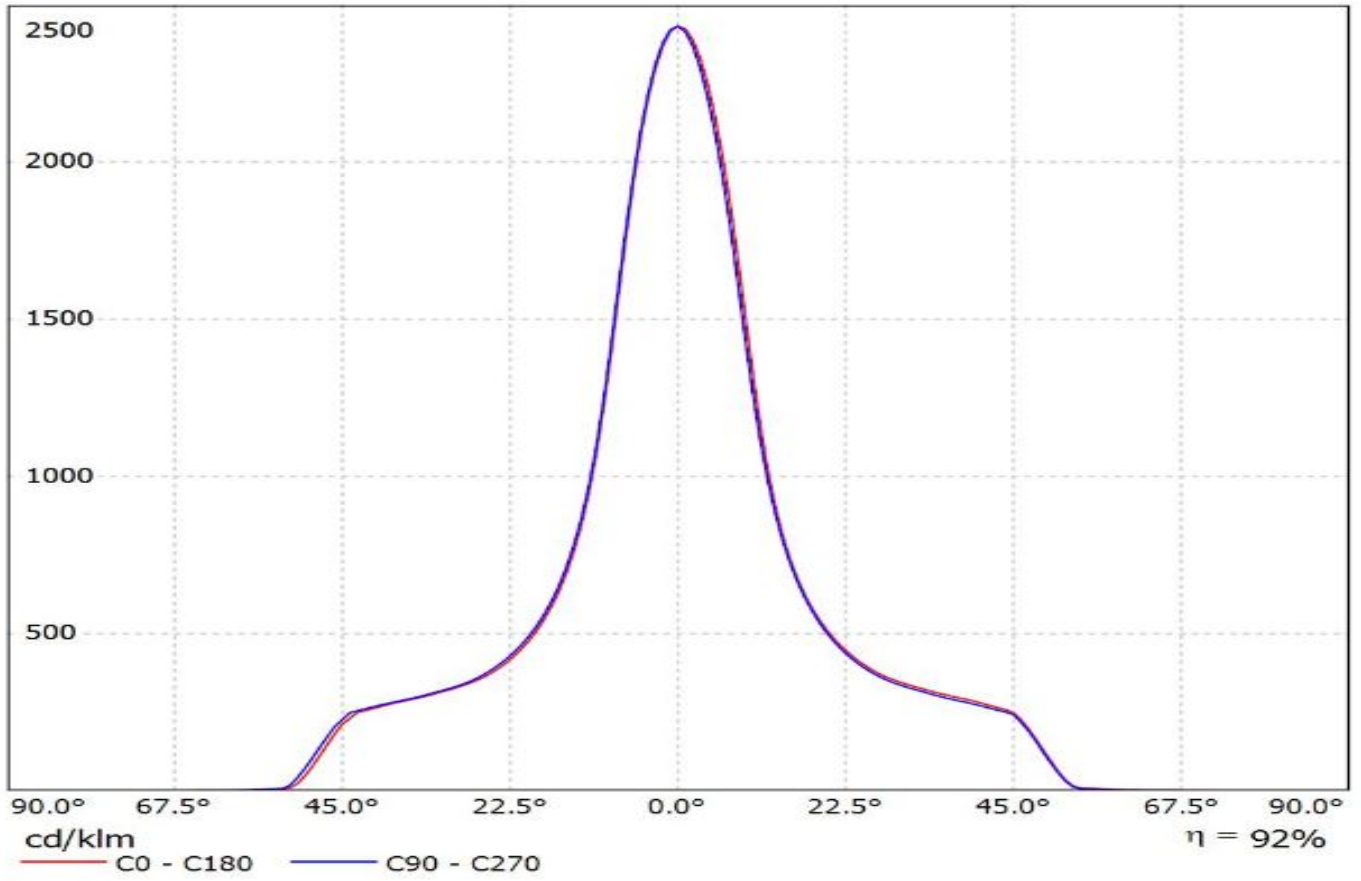
Luminaire: LEDiL Oy F13659_ANGELINA-S-B_(SOLERIQ_P13)

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

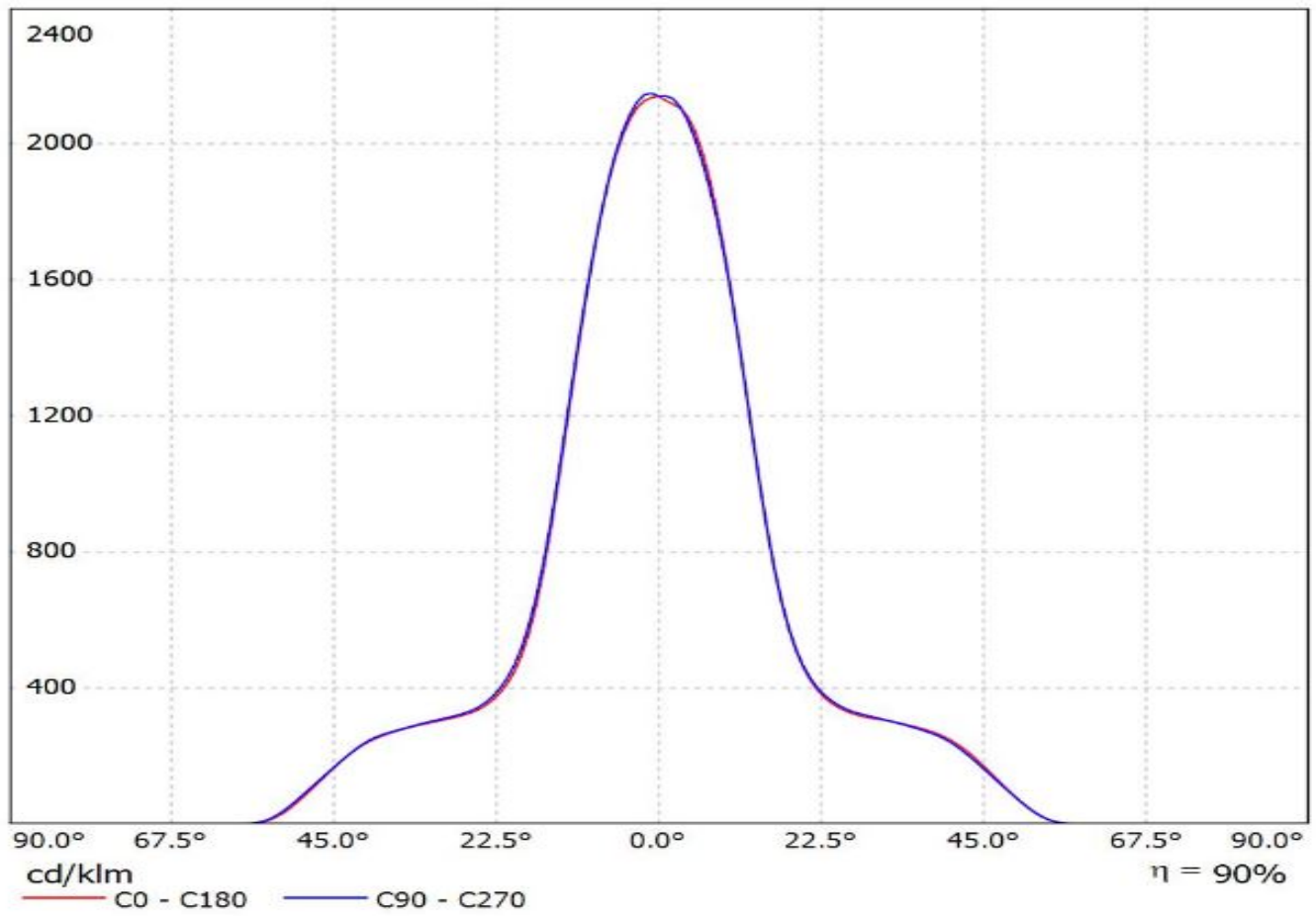


Luminaire: Ledil F13659_ANGELINA-S-B_(Soleriq_S13_G2)

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

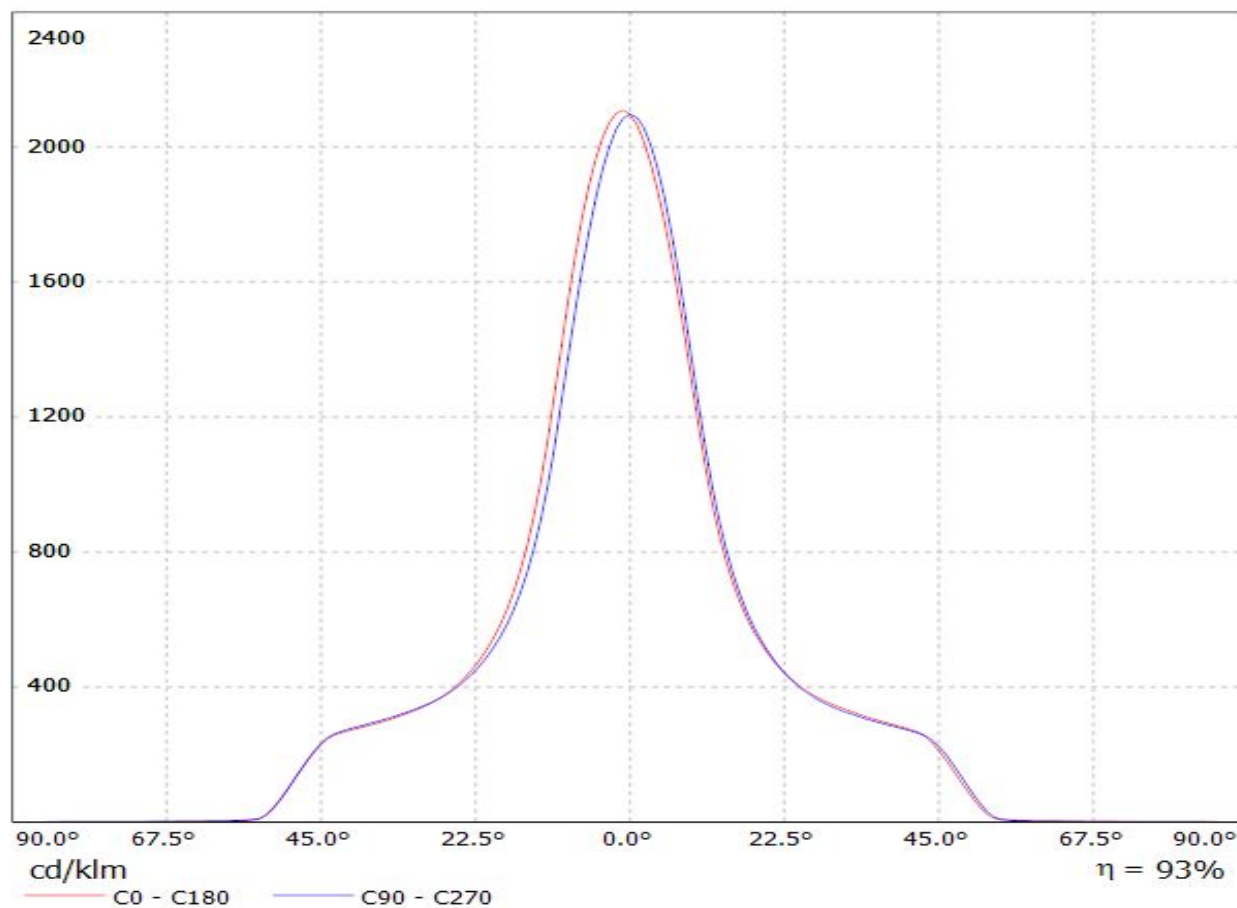


Luminaire: Ledil Oy F13659_ANGELINA-S-B+_BJB_47.319.2030_SAMSUNG_COB_D_LC040D_SIMULATED
Lamps: 1 x SAMSUNG LC040D



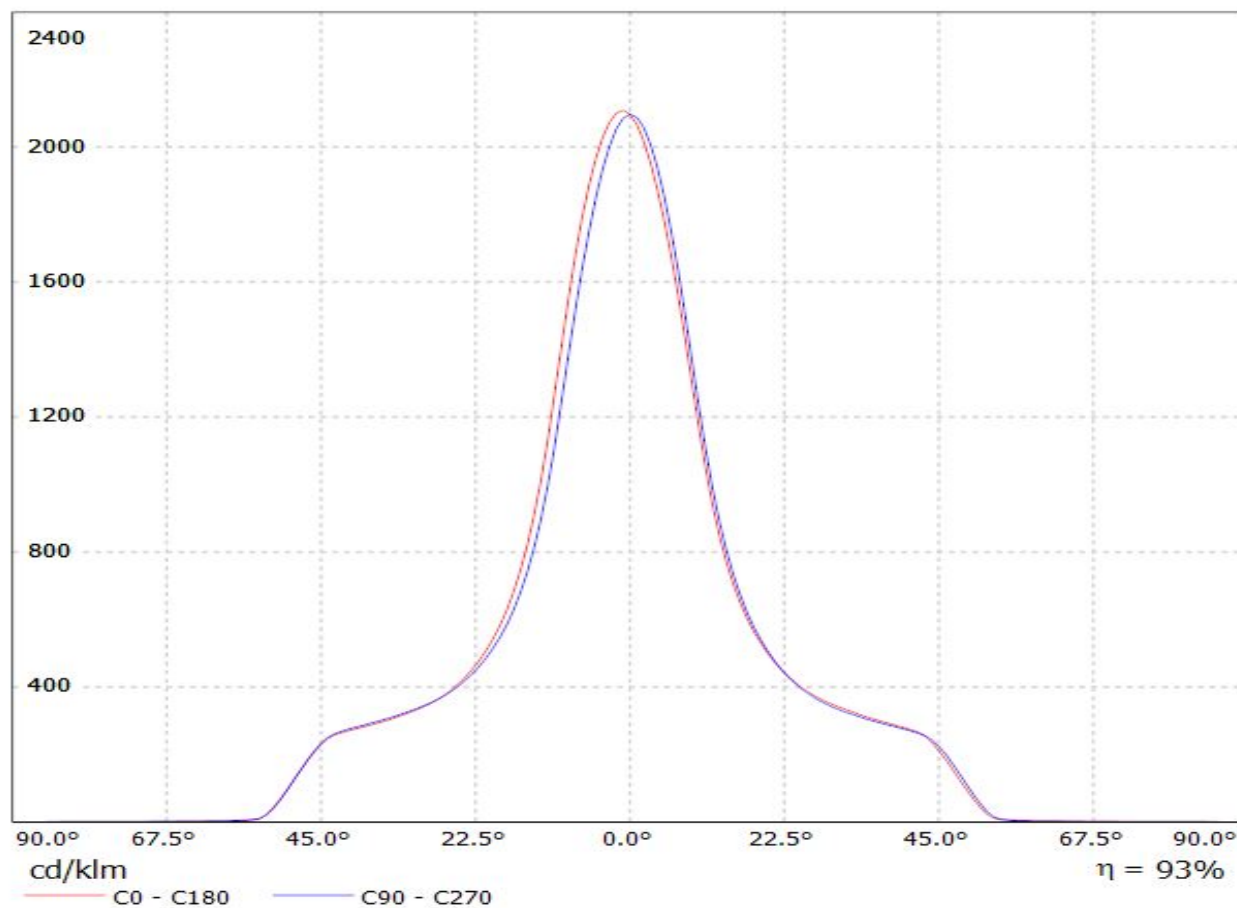
Luminaire: LEDiL Oy F13659_ANGELINA-S-B_(COB_D_14,5mm)

Lamps: 1 x Samsung_COB_D_Series-LES-14,5_LC026D_1296.34lm@250mA_CCT=3000K_P=8.1225W_I=0.250A



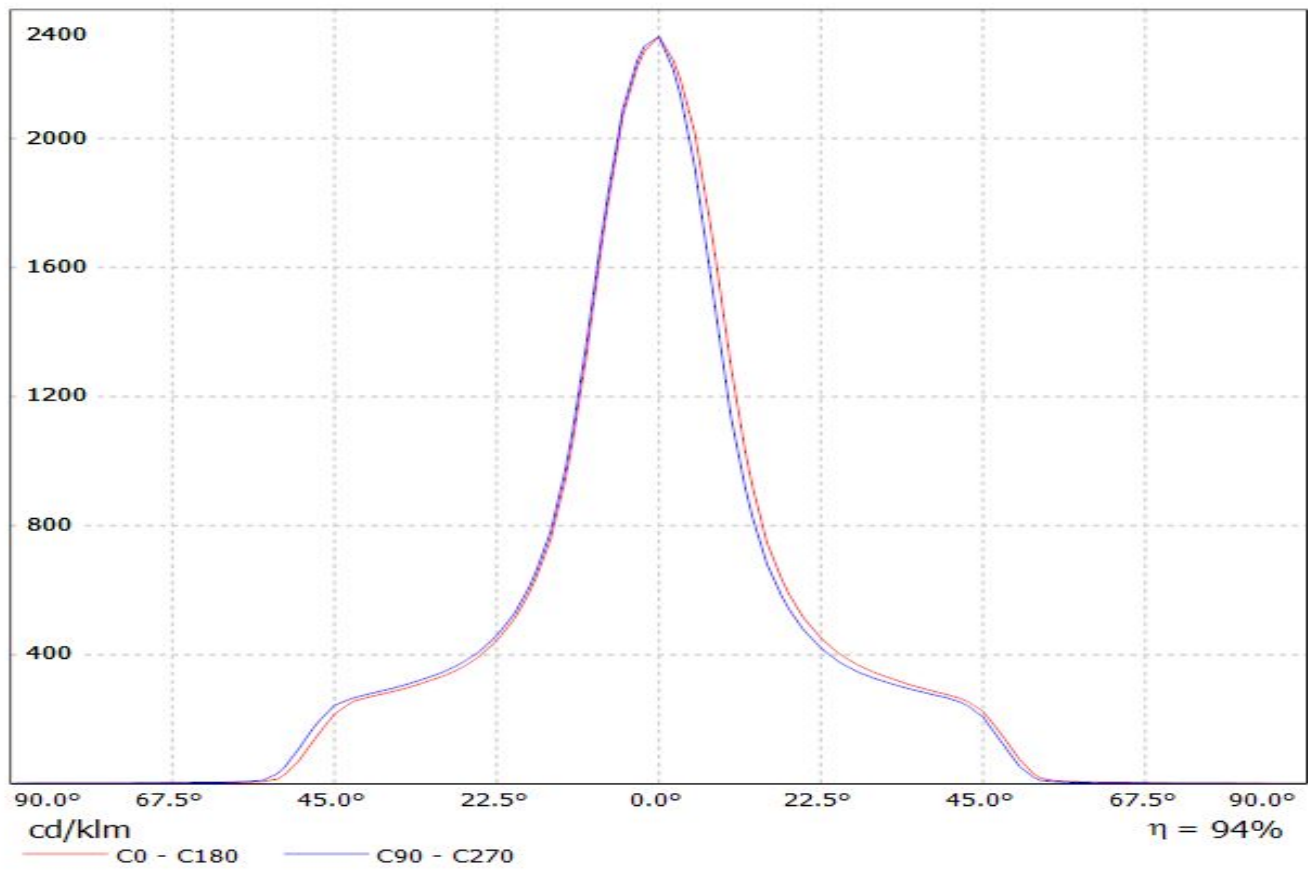
Luminaire: LEDiL Oy F13659_ANGELINA-S-B_(COB_D_14,5mm)

Lamps: 1 x Samsung_COB_D_Series-LES-14,5_LC026D_1296.34lm@250mA_CCT=3000K_P=8.1225W_I=0.250A



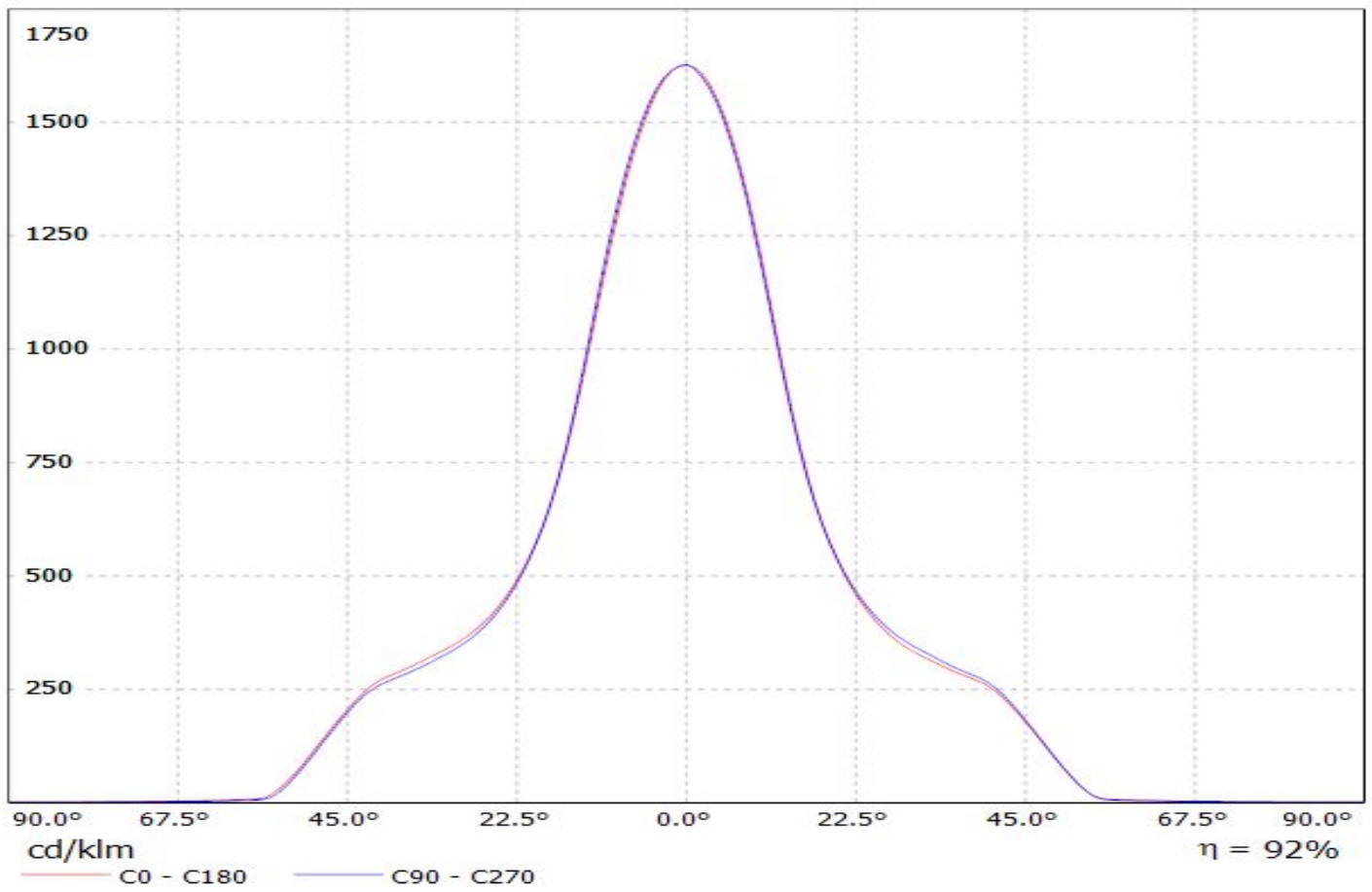
Luminaire: LEDiL Oy F13659_ANGELINA-S-B_(ZC12)

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

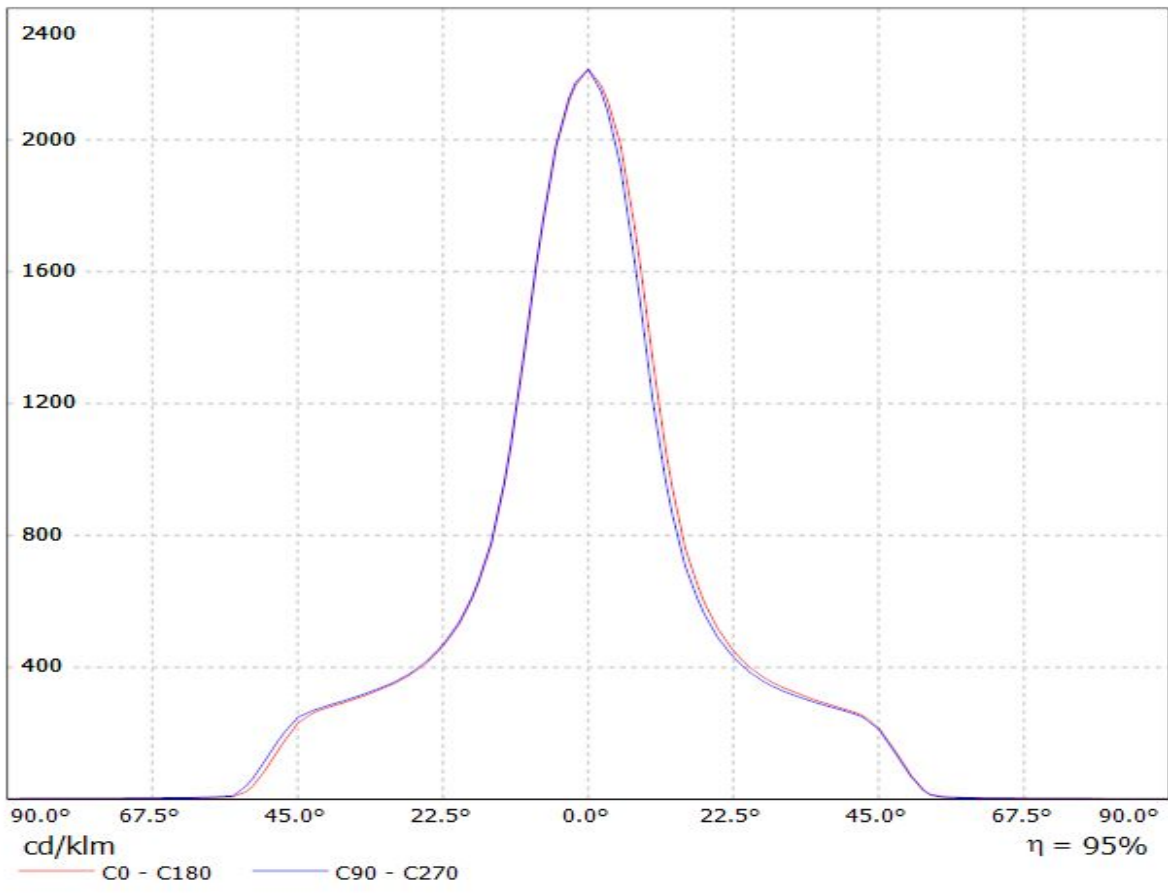


Luminaire: LEDiL Oy F13659_ANGELINA-S-B_(ZC40)

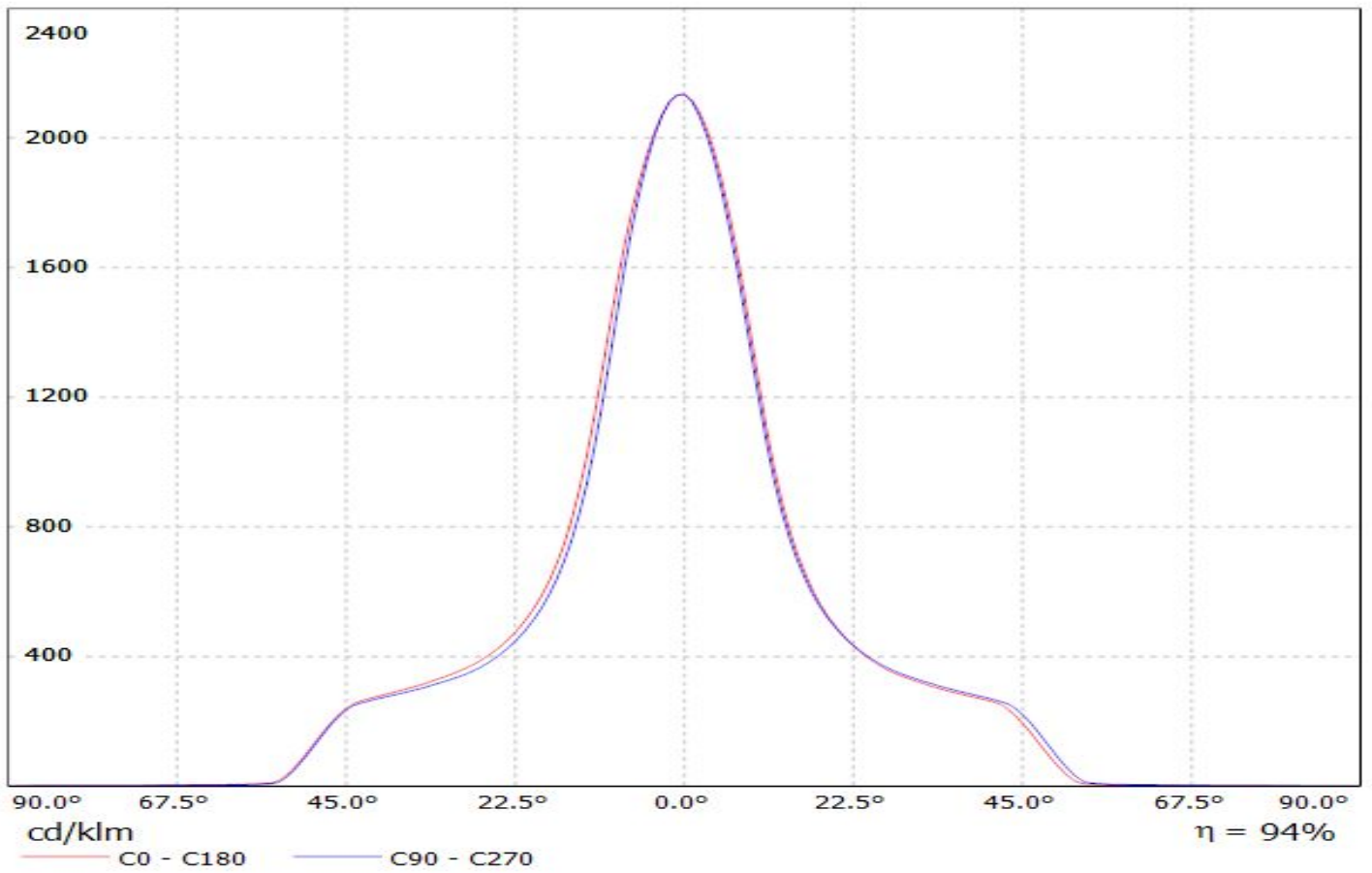
Lamps: 1 x SEOUL_ZC40_(SBWW5F1B)_1185.55lm@250mA_P=8.2384W_I=249.8mA



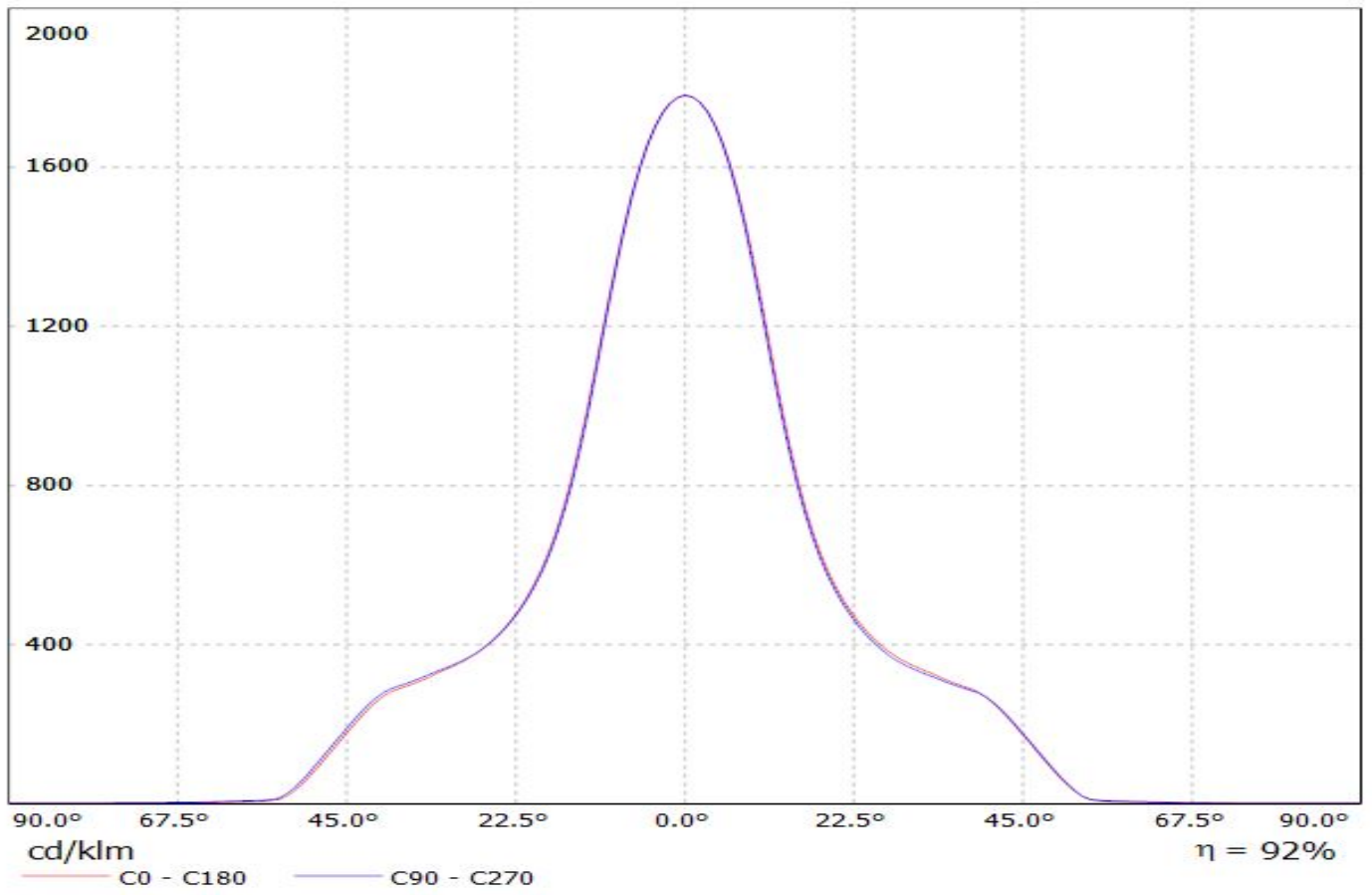
Luminaire: LEDiL Oy F13659_ANGELINA-S-B_(MegaZenigata_GW6)
Lamps: 1 x Sharp_MegaZenigata_GW6_(GW6DME30NFC)_1266.19lm@250mA_CCT=3038K_P=11.2151W_I=250.6mA



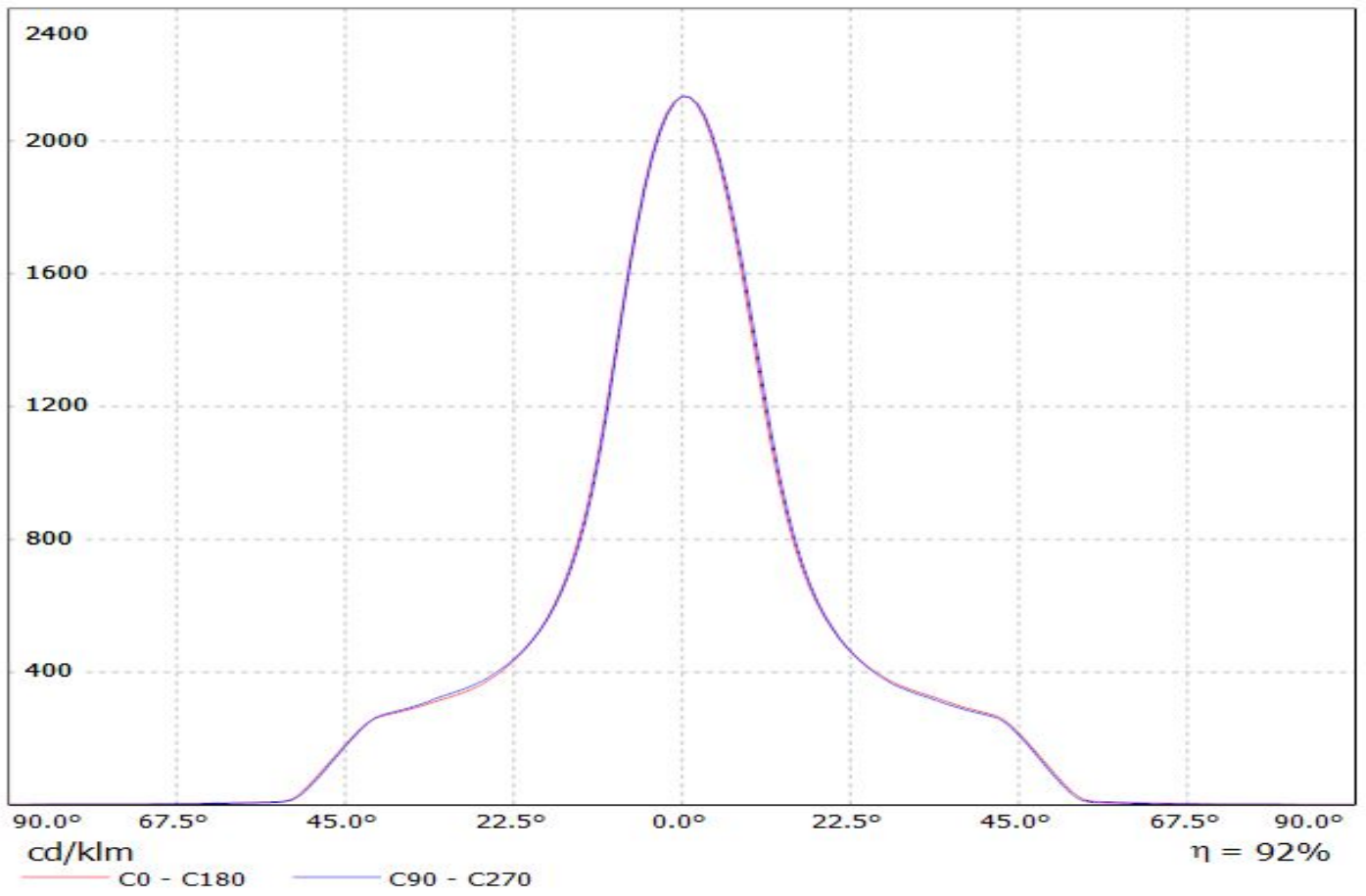
Luminaire: LEDiL Oy F13659_ANGELINA-S-B_(STARK_SLE_G3_LES17)
Lamps: 1 x TRIDONIC_STARK_SLE_G3_LES17_(STARK-SLE-PURE_G3-17-2000-840-CLA)
_1030.26lm@250mA_CCT=2000K_P=8.34707W_I=249.8mA



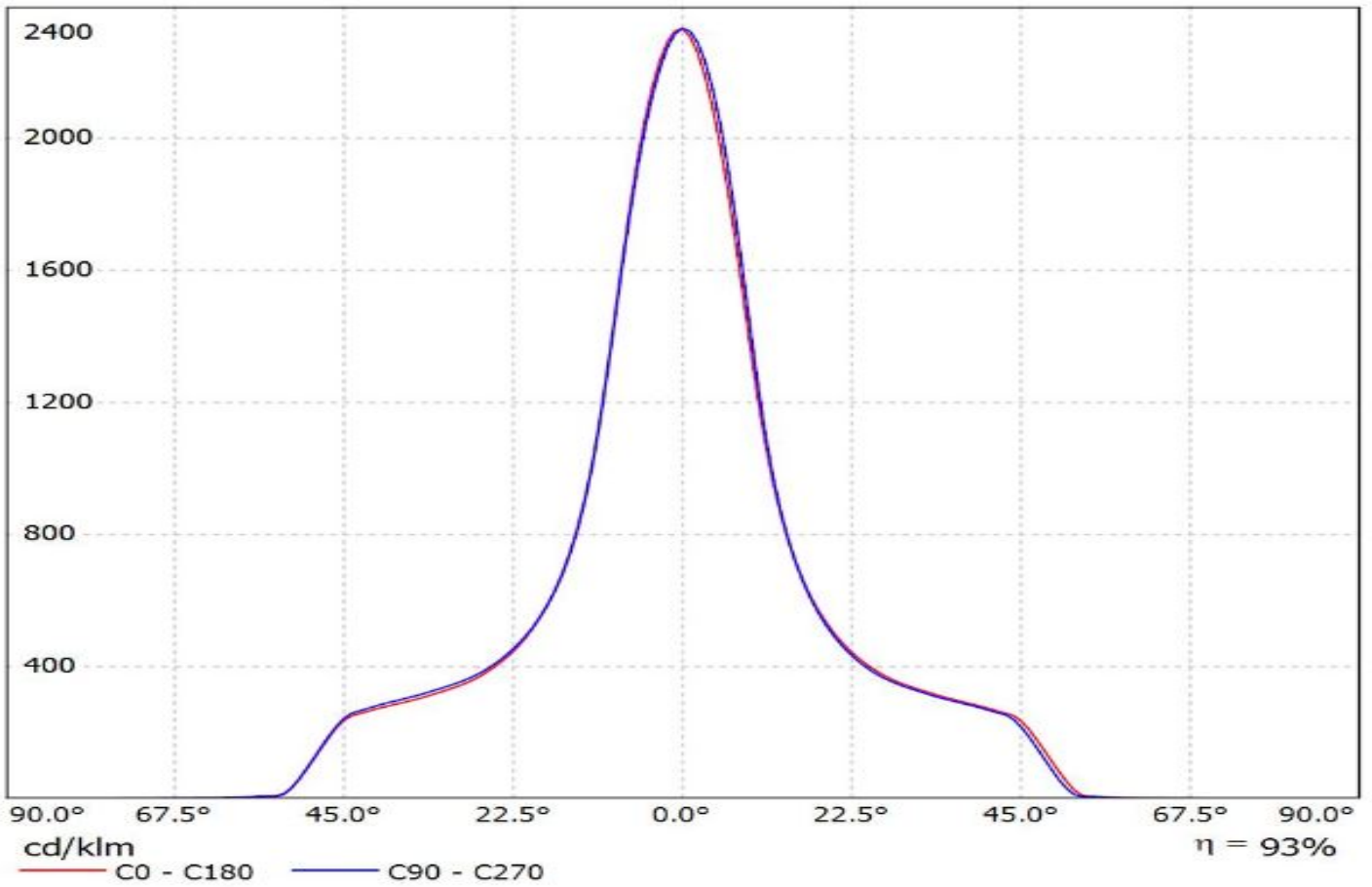
Luminaire: LEDiL Oy F13659_ANGELINA-S-B_(SLE G4 LES23)
Lamps: 1 x Tridonic_SLE_G4_LES23_1428.75lm@250mA_P=8.19944W_I=0.2498A



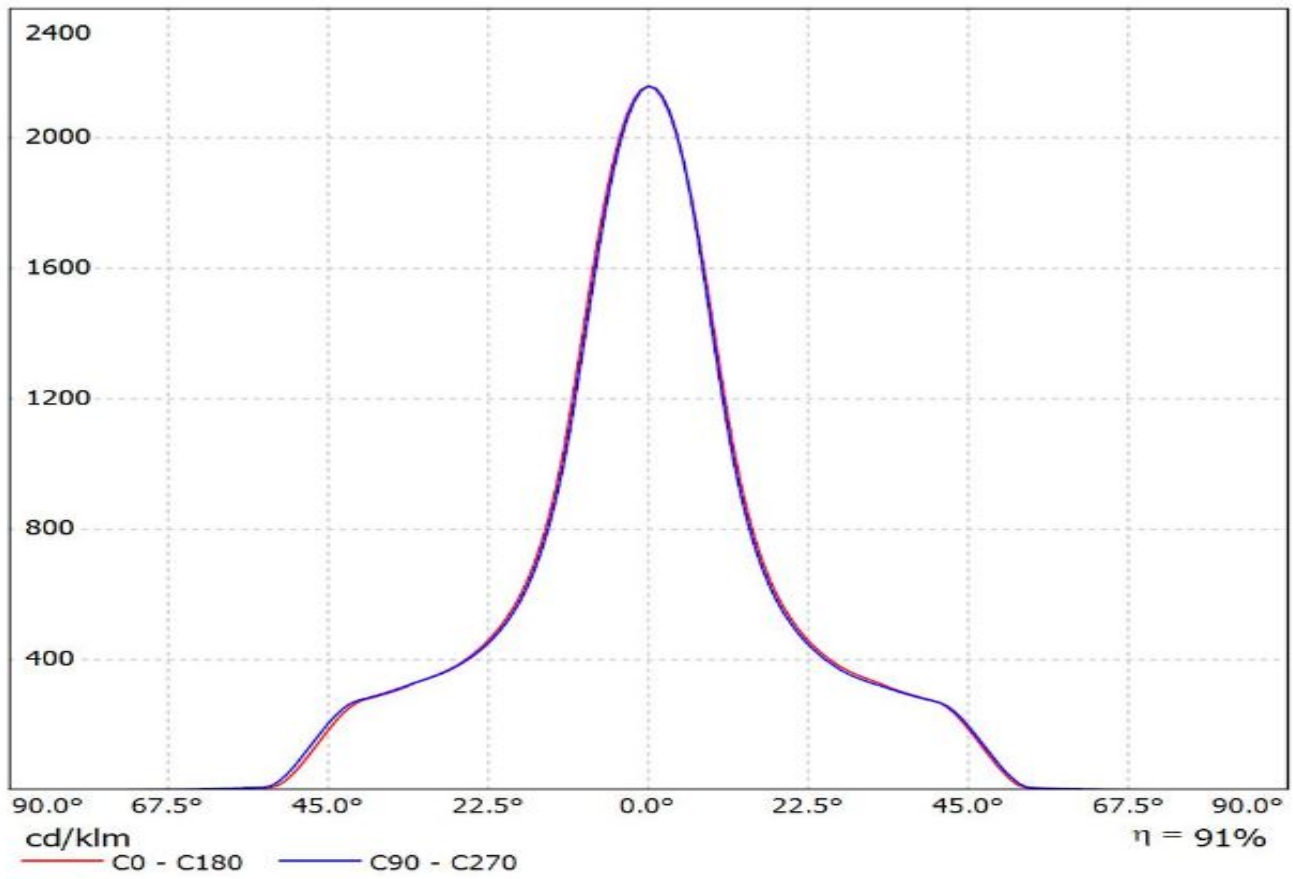
Luminaire: LEDiL Oy F13659_ANGELINA-S-B_(SLE GEN4 LES19)
Lamps: 1 x SLE GEN4 LES19_1226.28lm@250mA_P=8.21367W_I=0.2498A



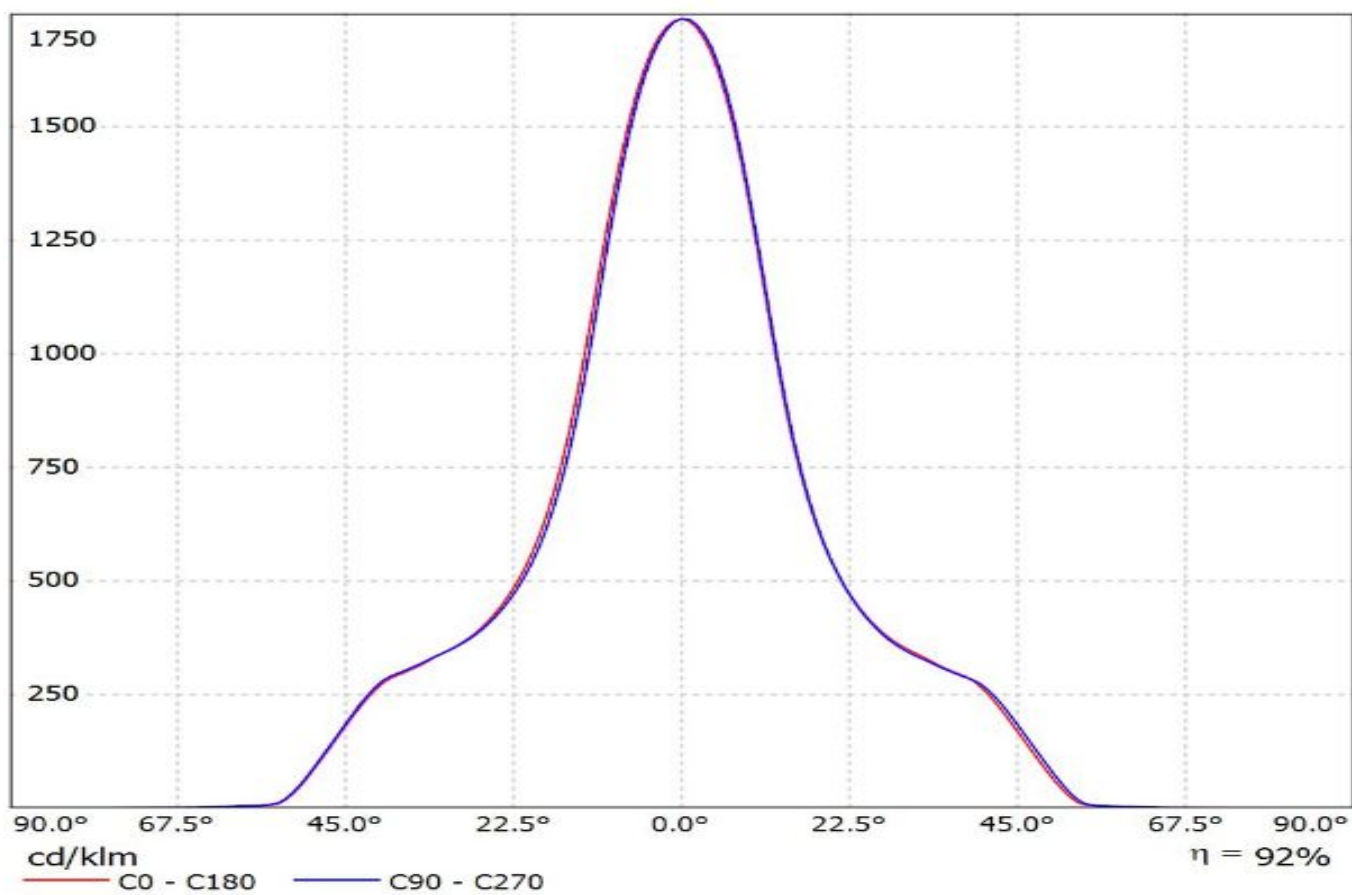
Luminaire: LEDiL Oy F13659_ANGELINA-S-B (SLE-G5_LES-15)
Lamps: 1 x Tridonic_SLE-G5_LES-15_1272.36lm@250mA_P=8.6660W_I=0.250A



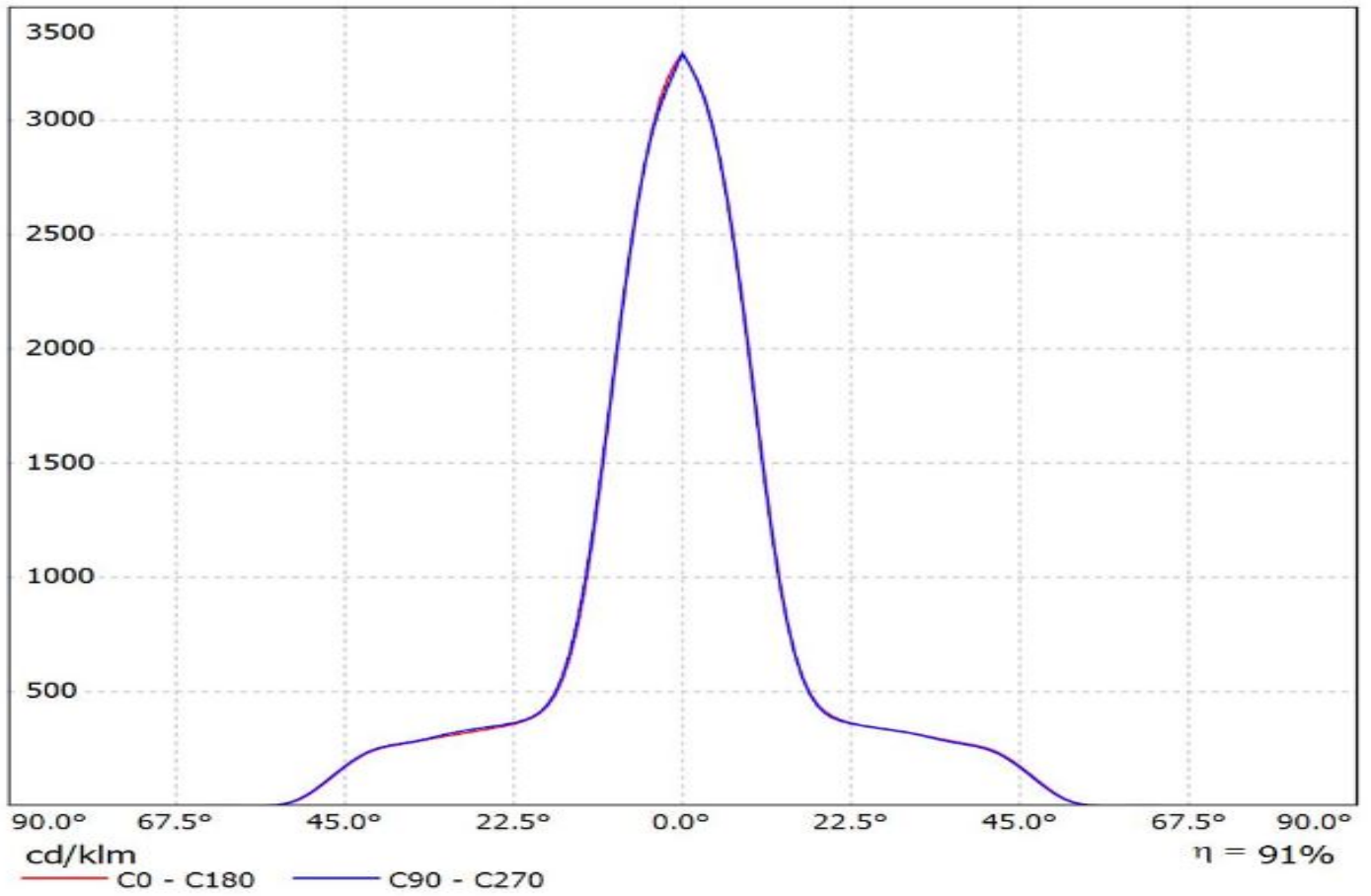
Luminaire: LEDiL Oy F13659_ANGELINA-S-B_(SLE-G5_LES-19)
Lamps: 1 x Tridonic_SLE-G5_LES-19_1334.47lm@250mA_P=8.2224W_I=0.250A



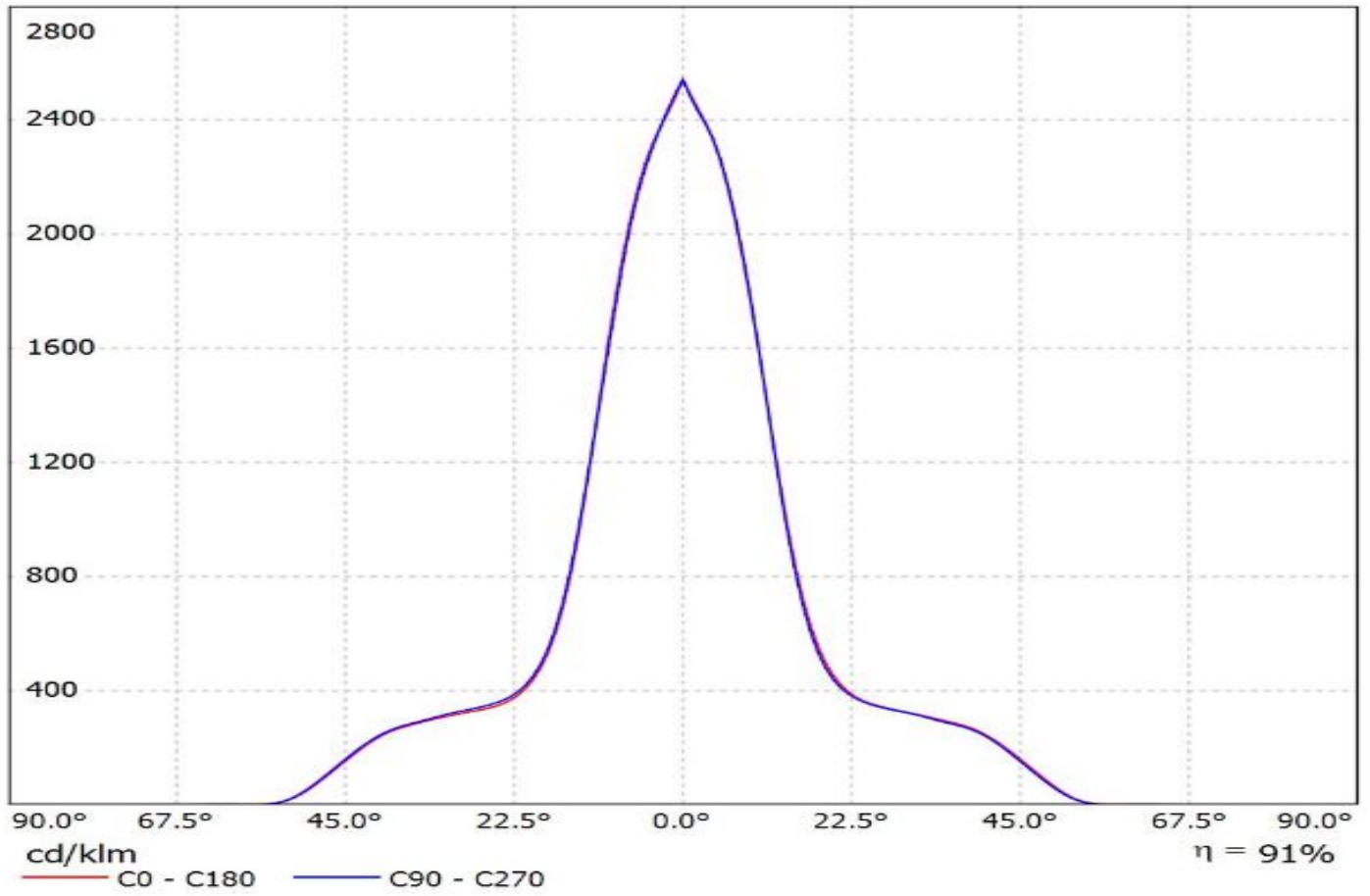
Luminaire: LEDiL Oy F13659_ANGELINA-S-B_(SLE-G5_LES-23)
Lamps: 1 x Tridonic_SLE-G5_LES-23_1371.74lm@250mA_P=8.1065W_I=0.250A



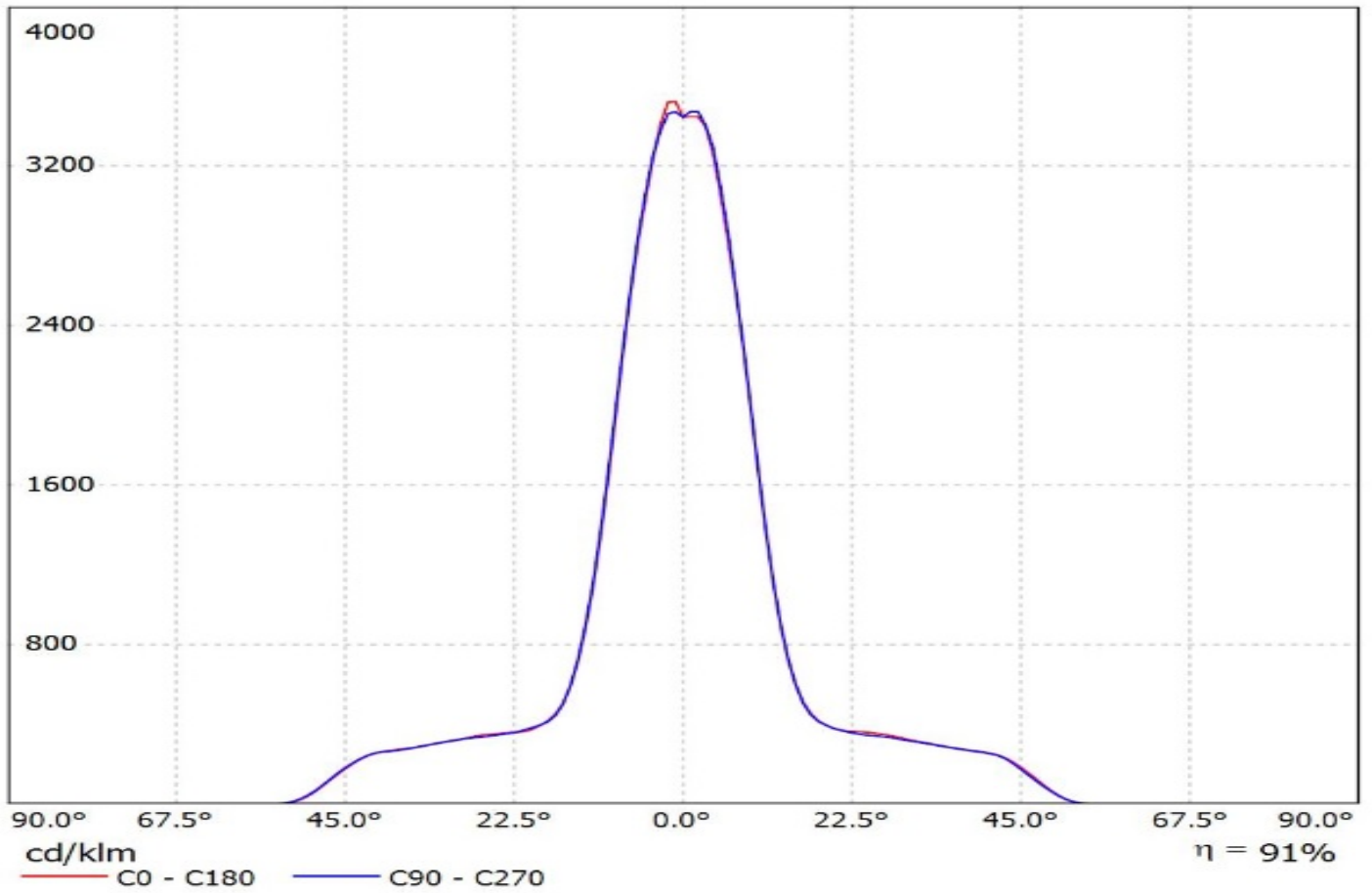
Luminaire: Ledil Oy F13659_ANGELINA-S-B_TRIDONIC_SLE_G6_LES19_H_SIMULATED
Lamps: 1 x TRIDONIC SLE G6 LES19 H



Luminaire: Ledil Oy F13659_ANGELINA-S-B_TRIDONIC_SLE_G6_LES23_H_SIMULATED
Lamps: 1 x TRIDONIC SLE G6 LES23 H

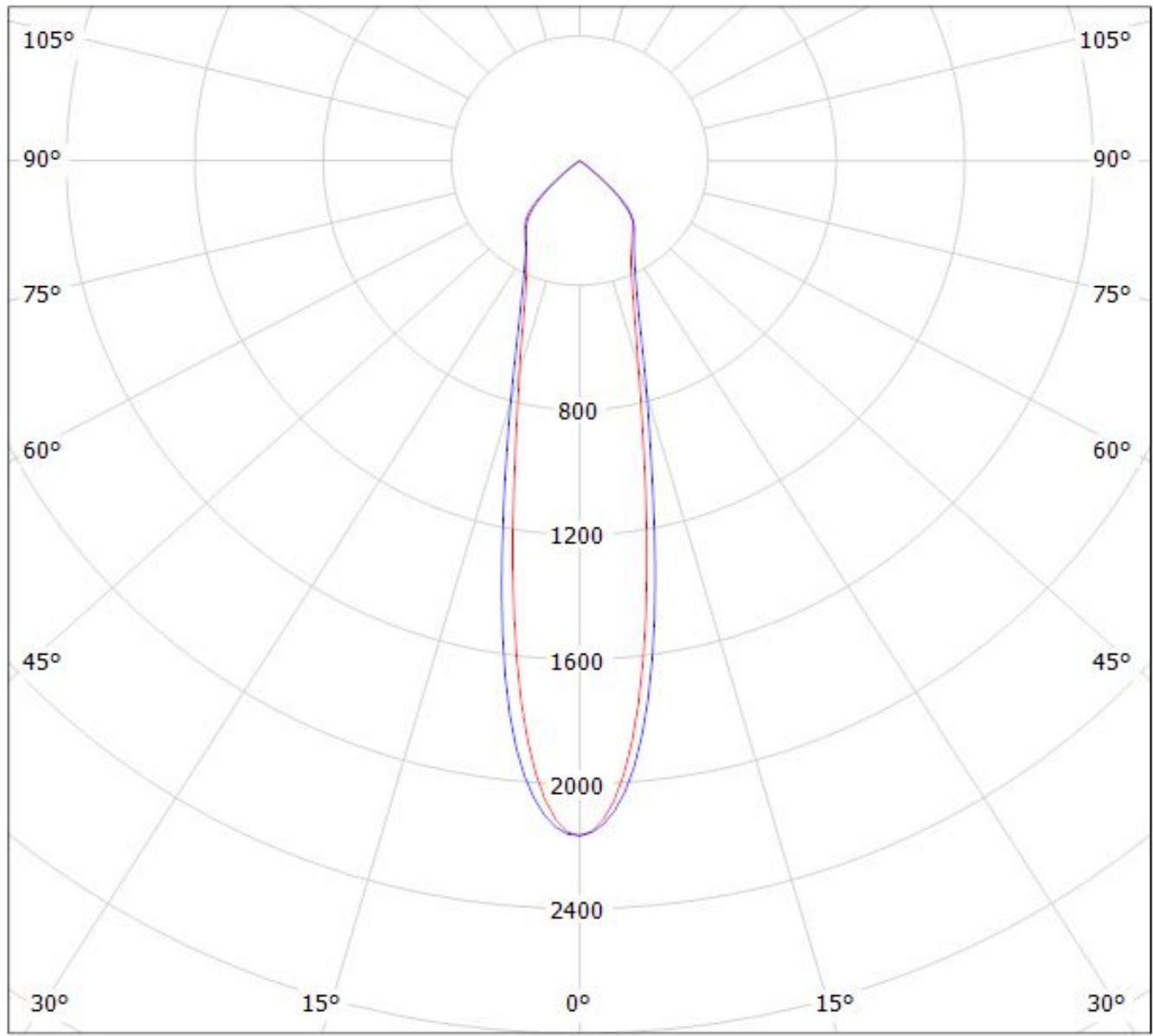


Luminaire: Ledil Oy F13659_ANGELINA-S-B_(SLE_G6_LES17_H)_SIMULATED
Lamps: 1 x Tridonic SLE G6 LES17 H



Luminaire: LEDiL F13659_ANGELINA-S-B

Lamps: 1 x BXRA_ES 285lm@250mA (W1206-102820-3110) P:4W



cd/klm

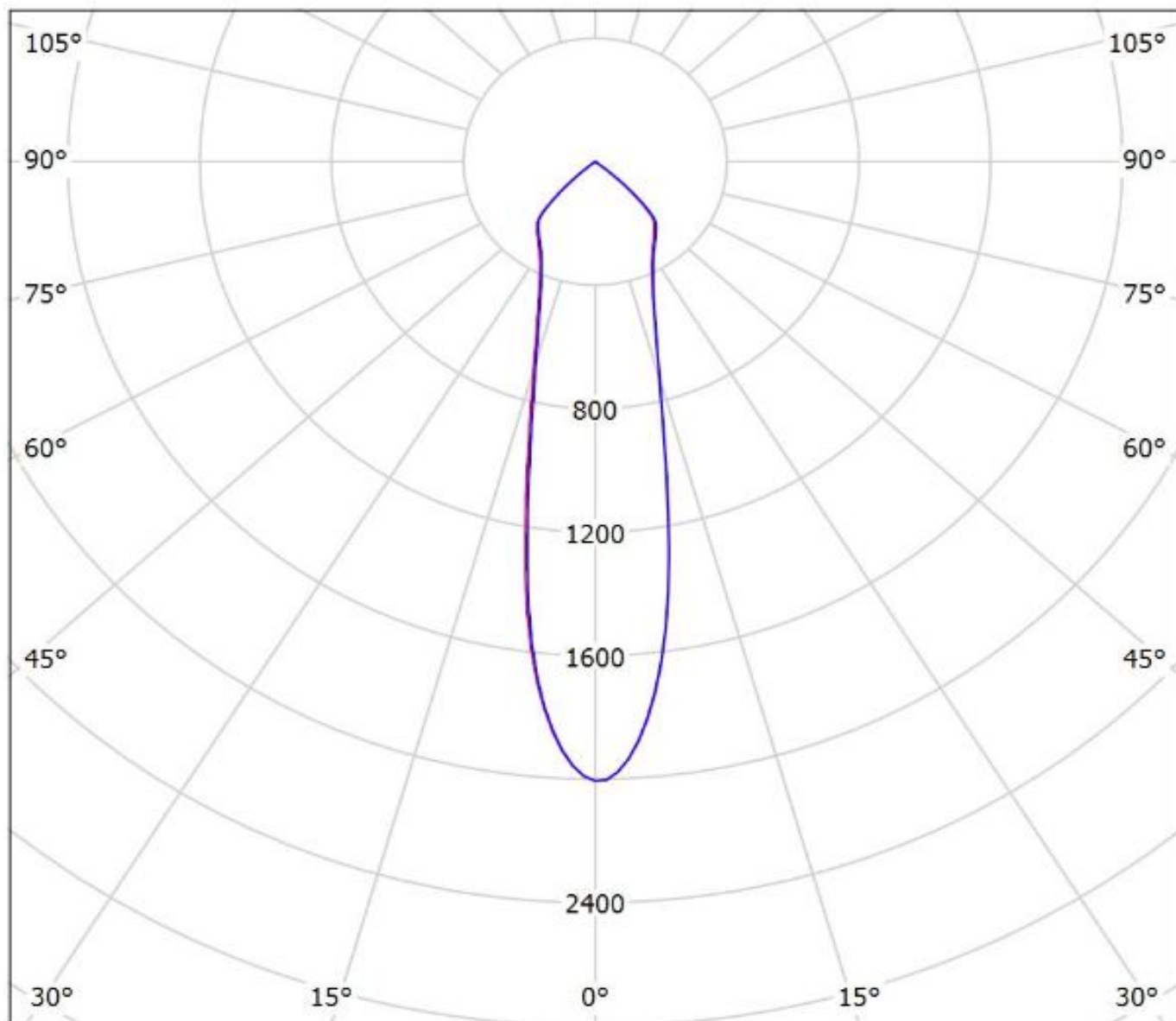
— C0 - C180

— C90 - C270

$\eta = 92\%$

Luminaire: Ledil F13659_ANGELINA-S-B_(V15+BJB)

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



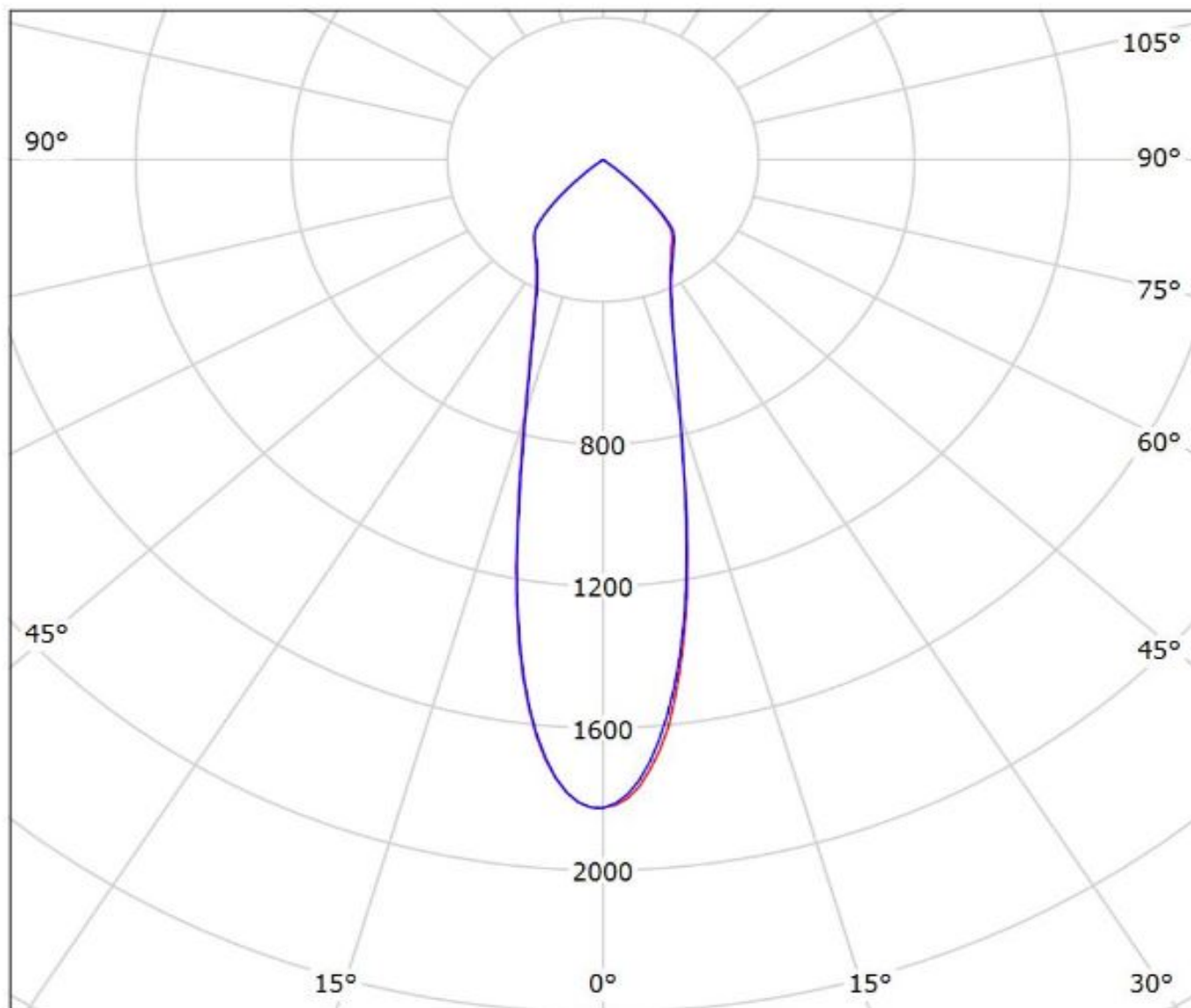
cd/klm

— C0 - C180

— C90 - C270

$\eta = 92\%$

Luminaire: Ledil F13659_ANGELINA-S-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



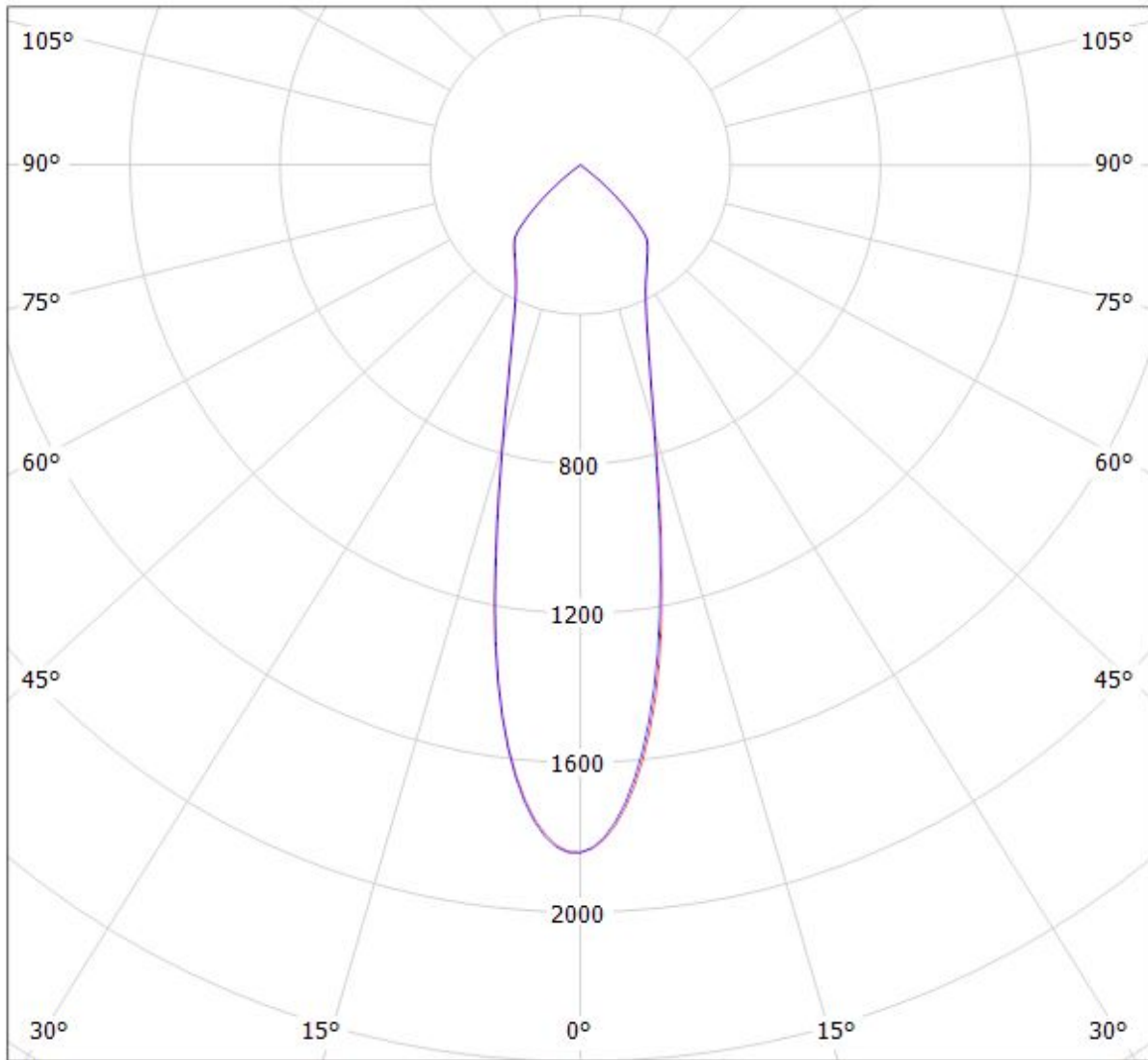
cd/klm

— C0 - C180 — C90 - C270

$\eta = 92\%$

Luminaire: LEDiL Oy F13659_ANGELINA-S-B_(V18_Gen7)+BJB

Lamps: 1 x Bridgelux_V18_Gen7_(BXRE-30E4000-B)+BJB_47.319.2350_1384.73lm@250mA_P=8.09577W_I=0.25A

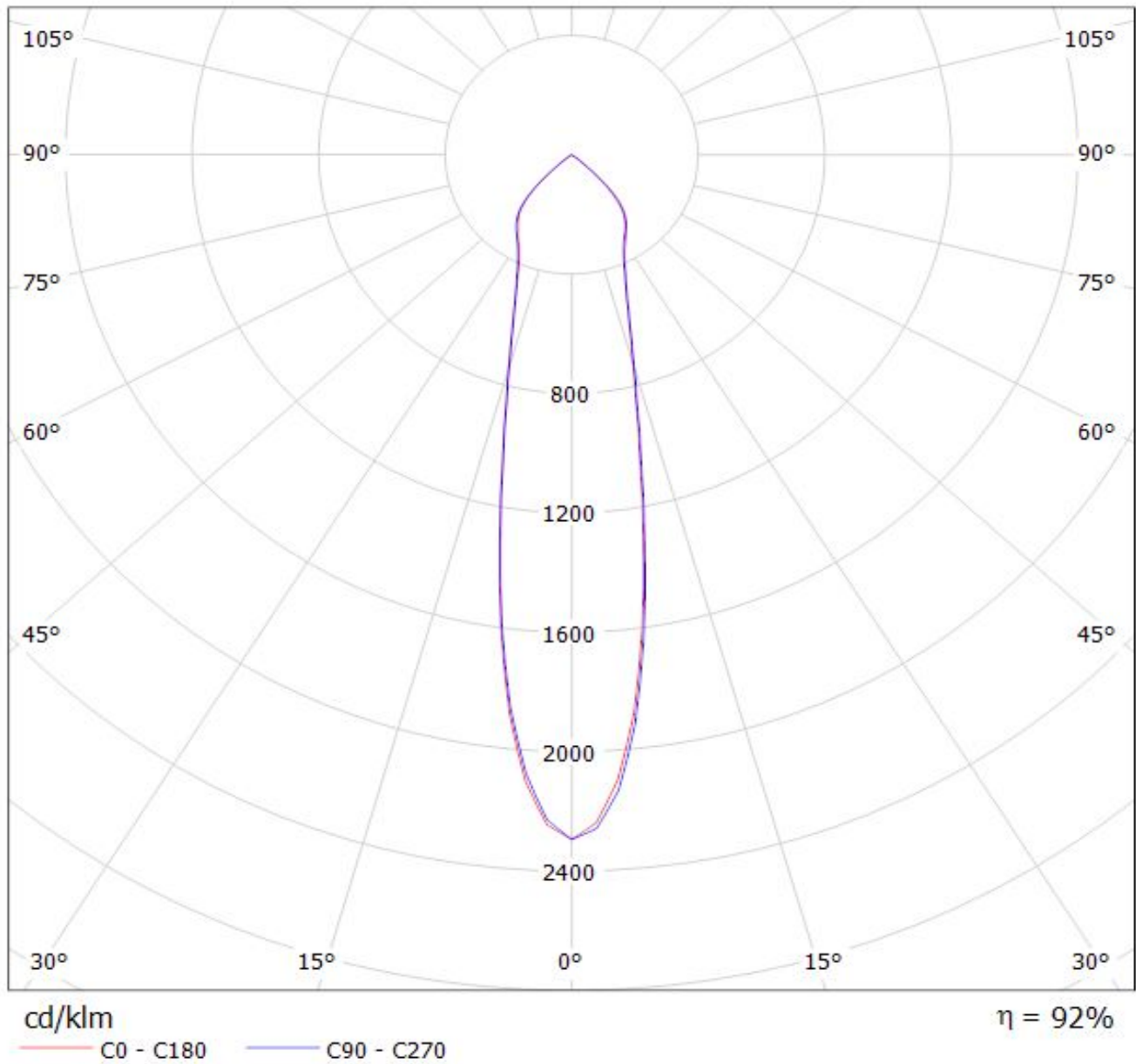


cd/klm

— C0 - C180 — C90 - C270

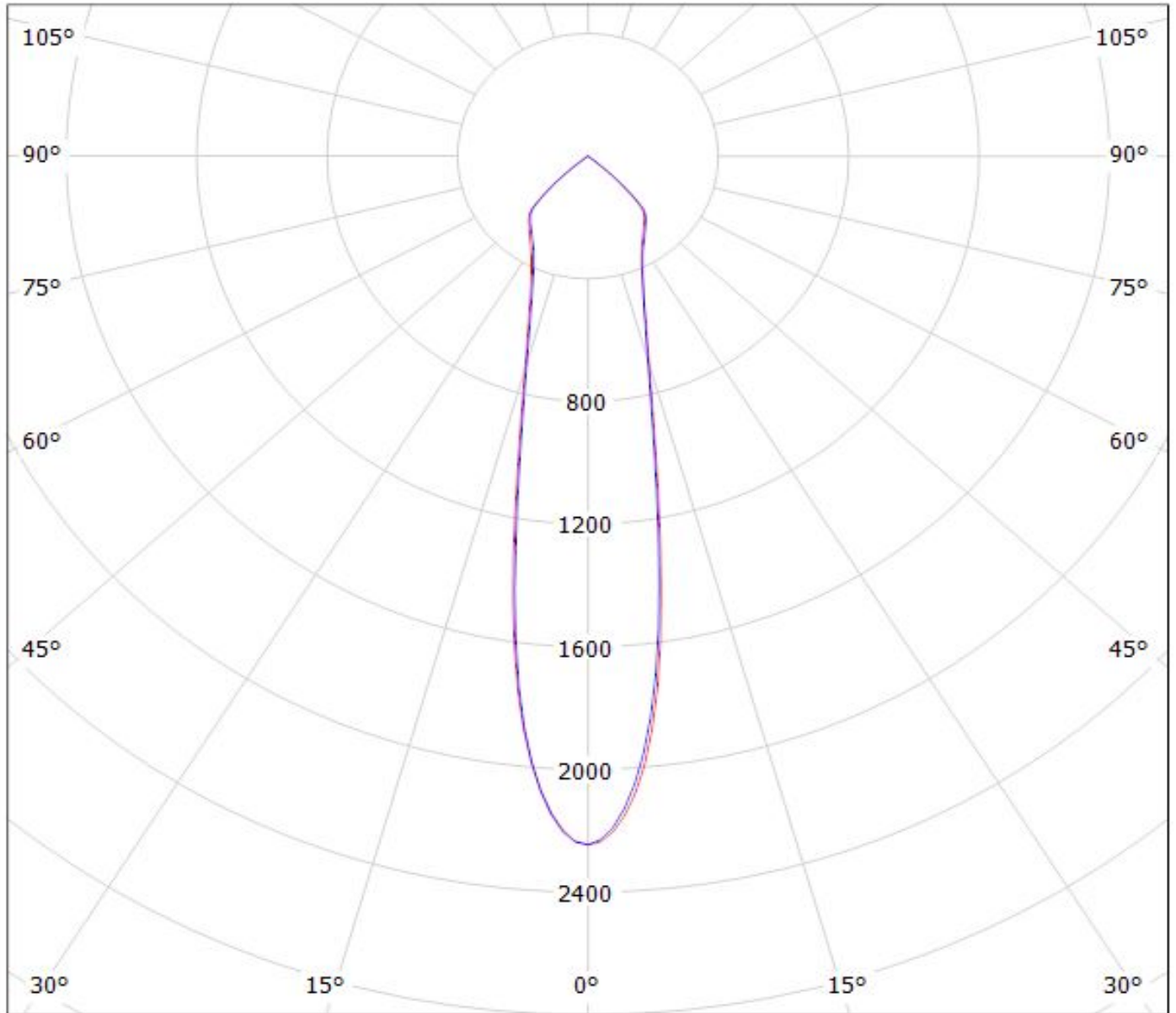
$\eta = 93\%$

Luminaire: LEDiL F13659_ANGELINA-S-B
Lamps: 1 x CLL030 740lm@250mA (CLL030-1205A5-303H1A7) CCT:3000K P:8.6W



Luminaire: LEDiL Oy F13659_ANGELINA-S-B_(CLU034)

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



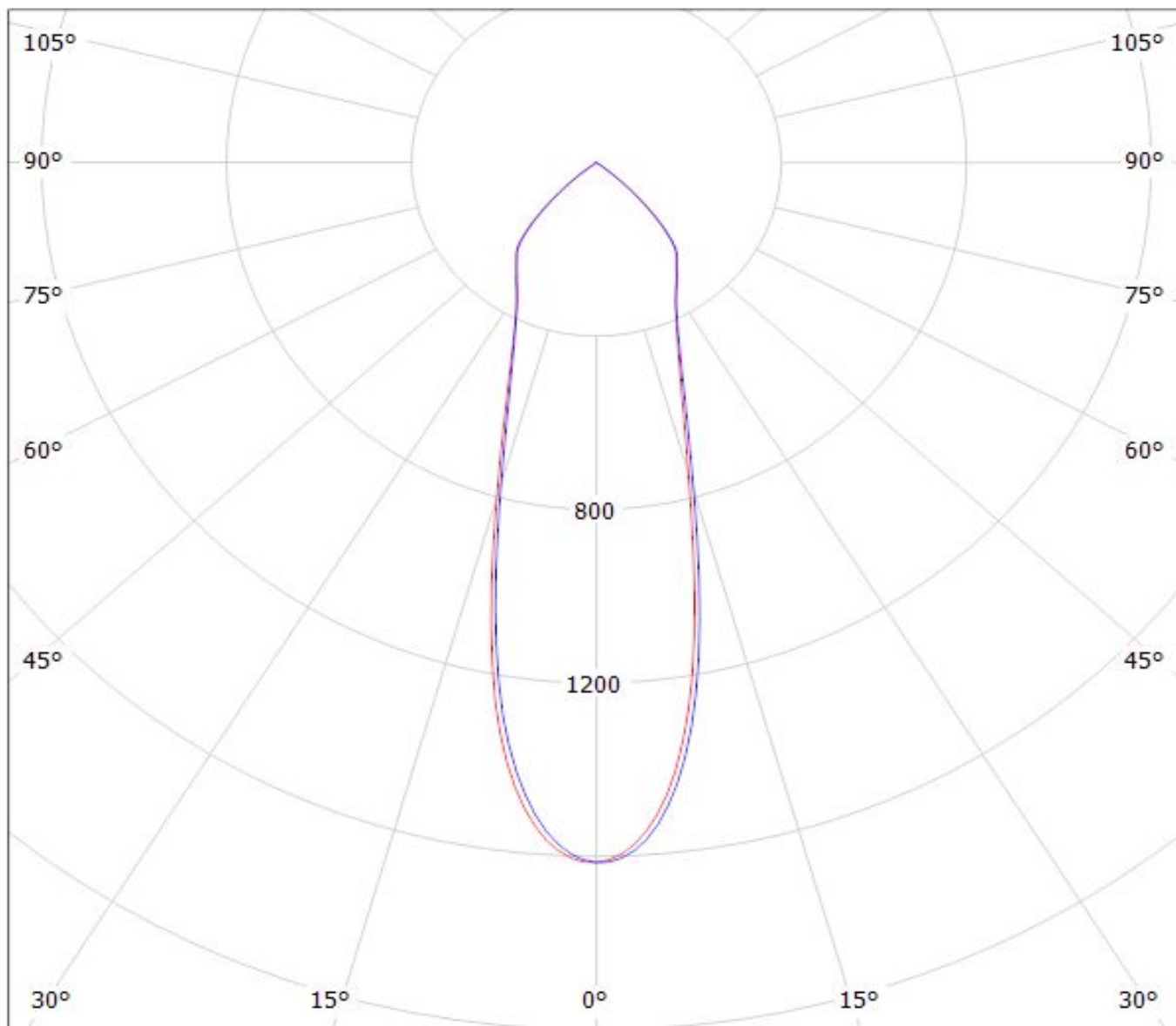
cd/klm

— C0 - C180 — C90 - C270

$\eta = 94\%$

Luminaire: LEDiL Oy F13659_ANGELINA-S-B_(CLU044)

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



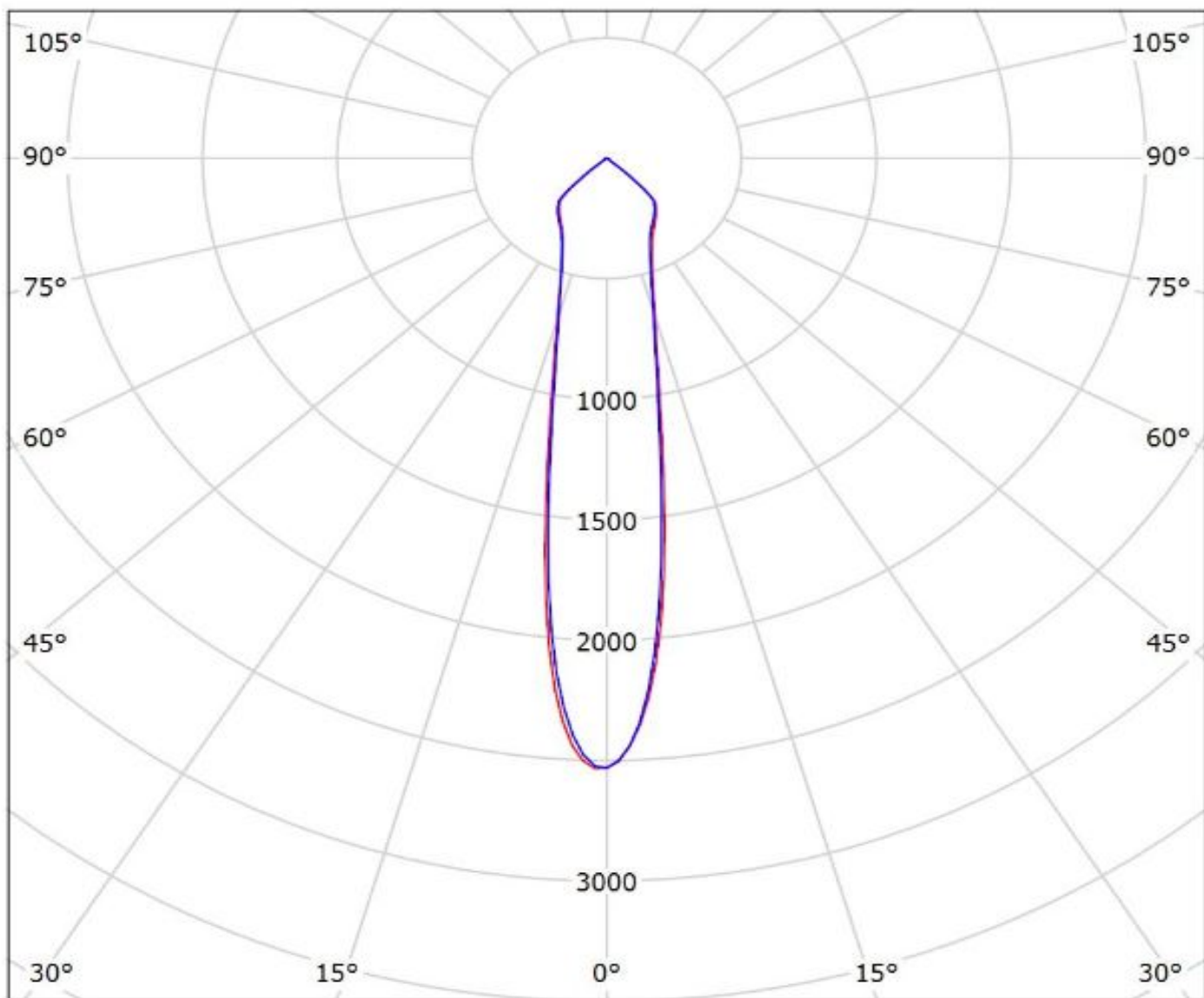
cd/klm

— C0 - C180

— C90 - C270

$\eta = 92\%$

Luminaire: Ledil F13659_ANGELINA-S-B_(CITIZEN_CLU720)
Lamps: 1 x CITIZEN_CLU720_(CLU720-1206B8-273M2)
_1320.42lm@250mA_CCT=2700K_P=8.35W_I=0.25A

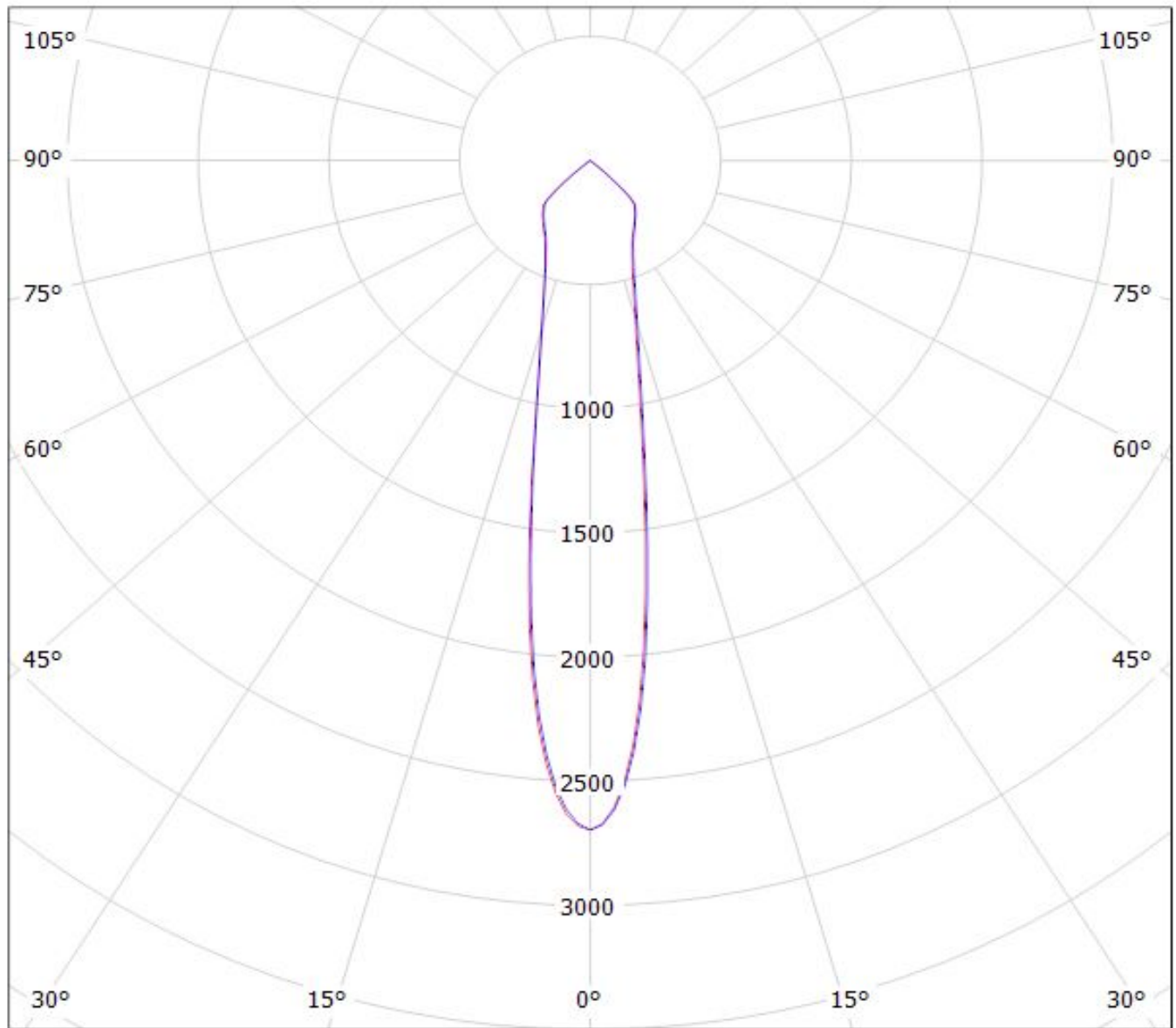


cd/klm
— C0 - C180 — C90 - C270

$\eta = 95\%$

Luminaire: LEDiL Oy F13659_ANGELINA-S-B_(CITIZEN_CLU720)

Lamps: 1 x CITIZEN_CLU720_(BJB: 47.319.2020)_1214.68lm@250mA_CCT=2700K_P=8.31842W_I=0.25A



cd/klm

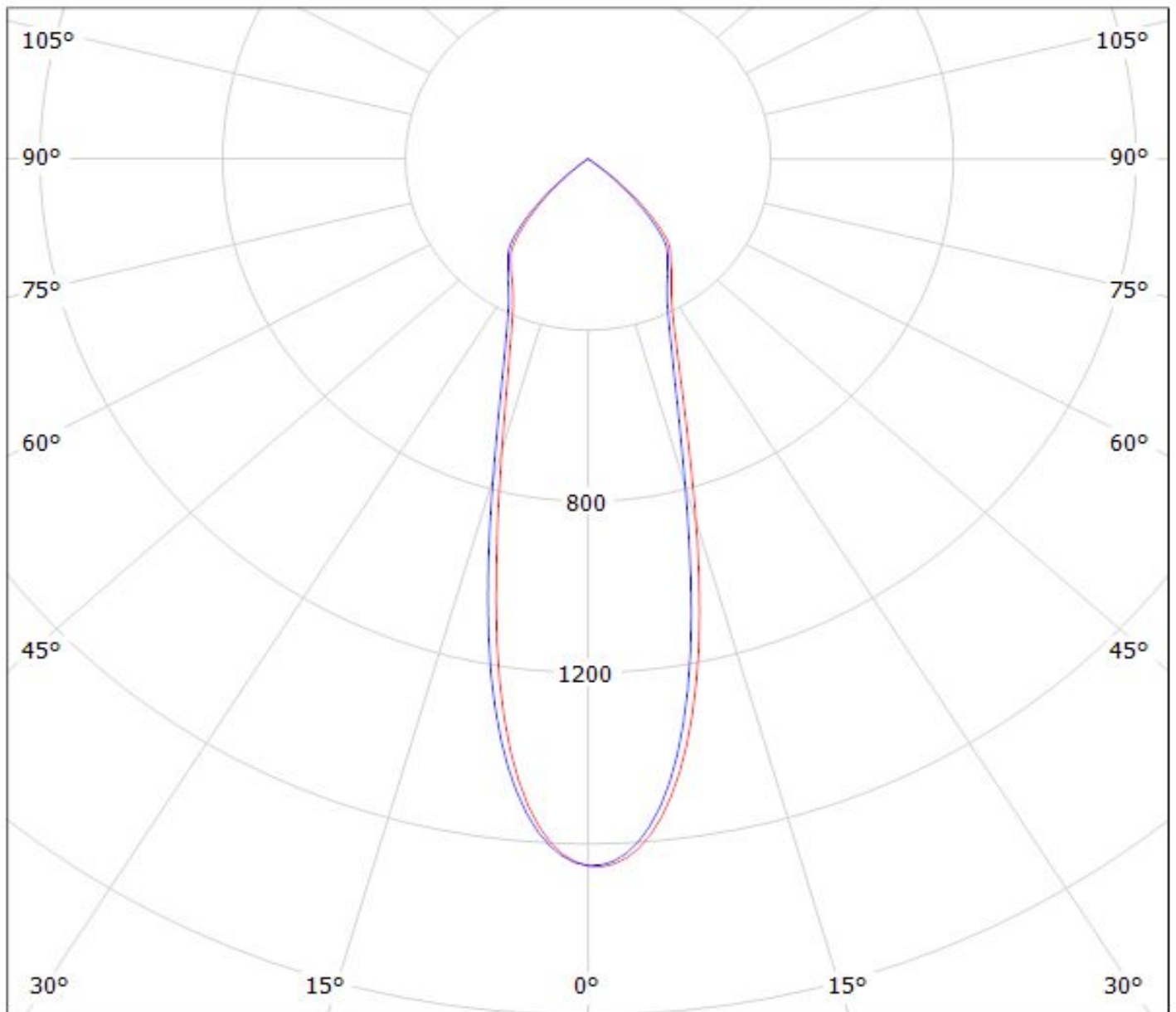
$\eta = 94\%$

— C0 - C180

— C90 - C270

Luminaire: LEDiL Oy F13659_ANGELINA-S-B_(CXA30)

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

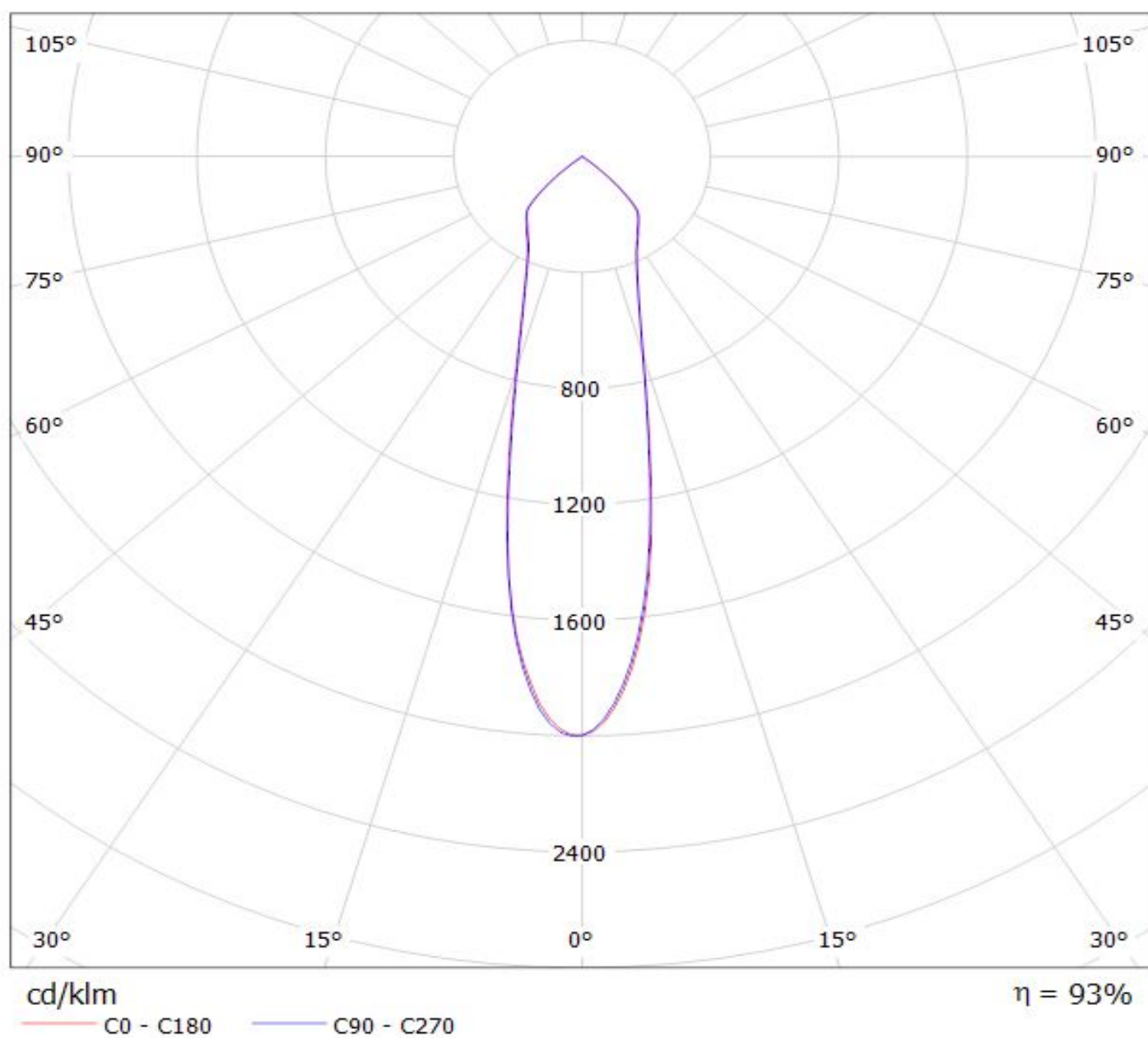


cd/klm

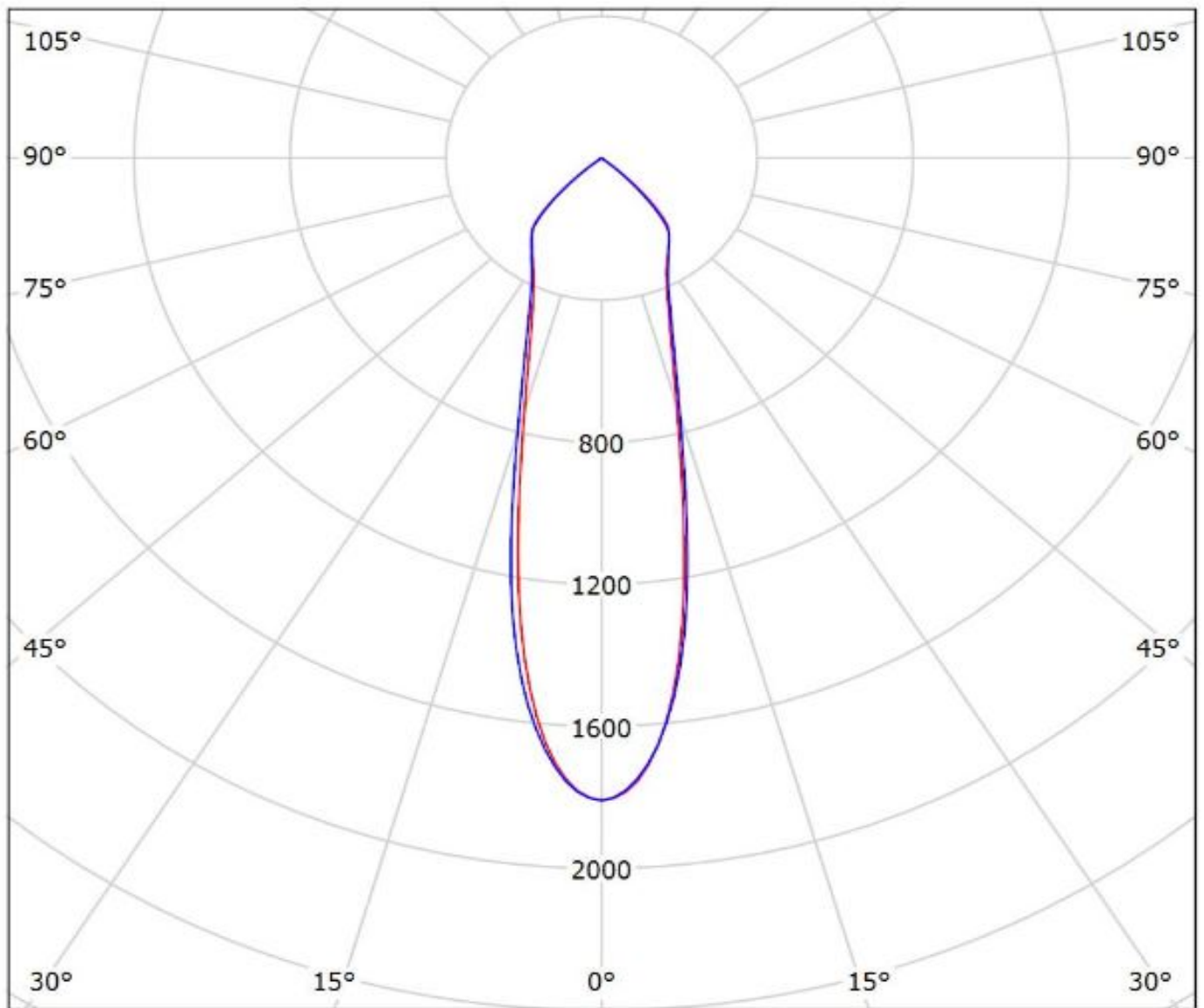
— C0 - C180 — C90 - C270

$\eta = 92\%$

Luminaire: LEDiL Oy F13659_ANGELINA-S-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 F13659_ANGELINA-S-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



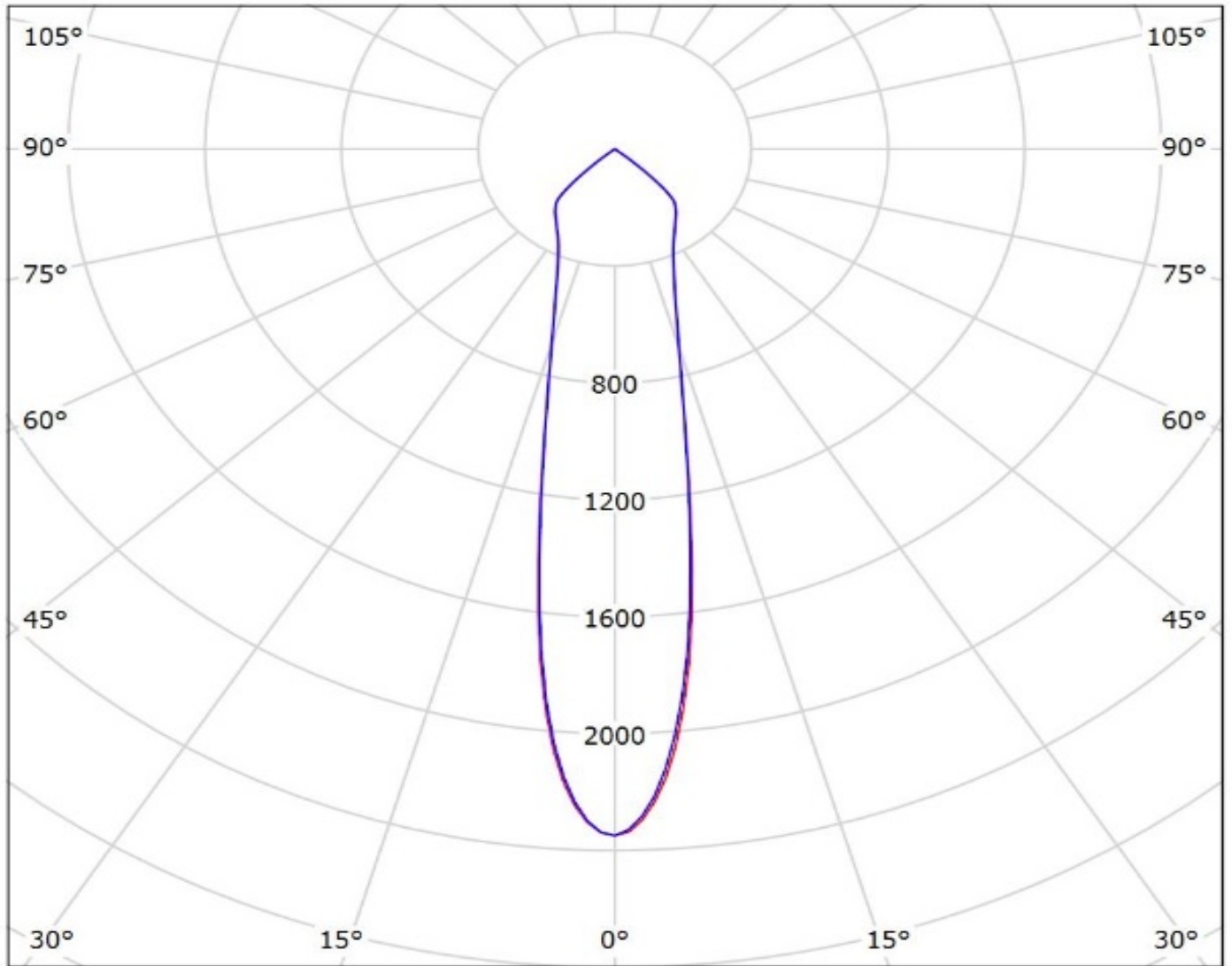
cd/klm
— C0 - C180 — C90 - C270

$\eta = 92\%$

Ledil F13659_ANGELINA-S-B_(COB_10W)_(BJB_47_319_2080) / LDC (Polar)

Luminaire: Ledil F13659_ANGELINA-S-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



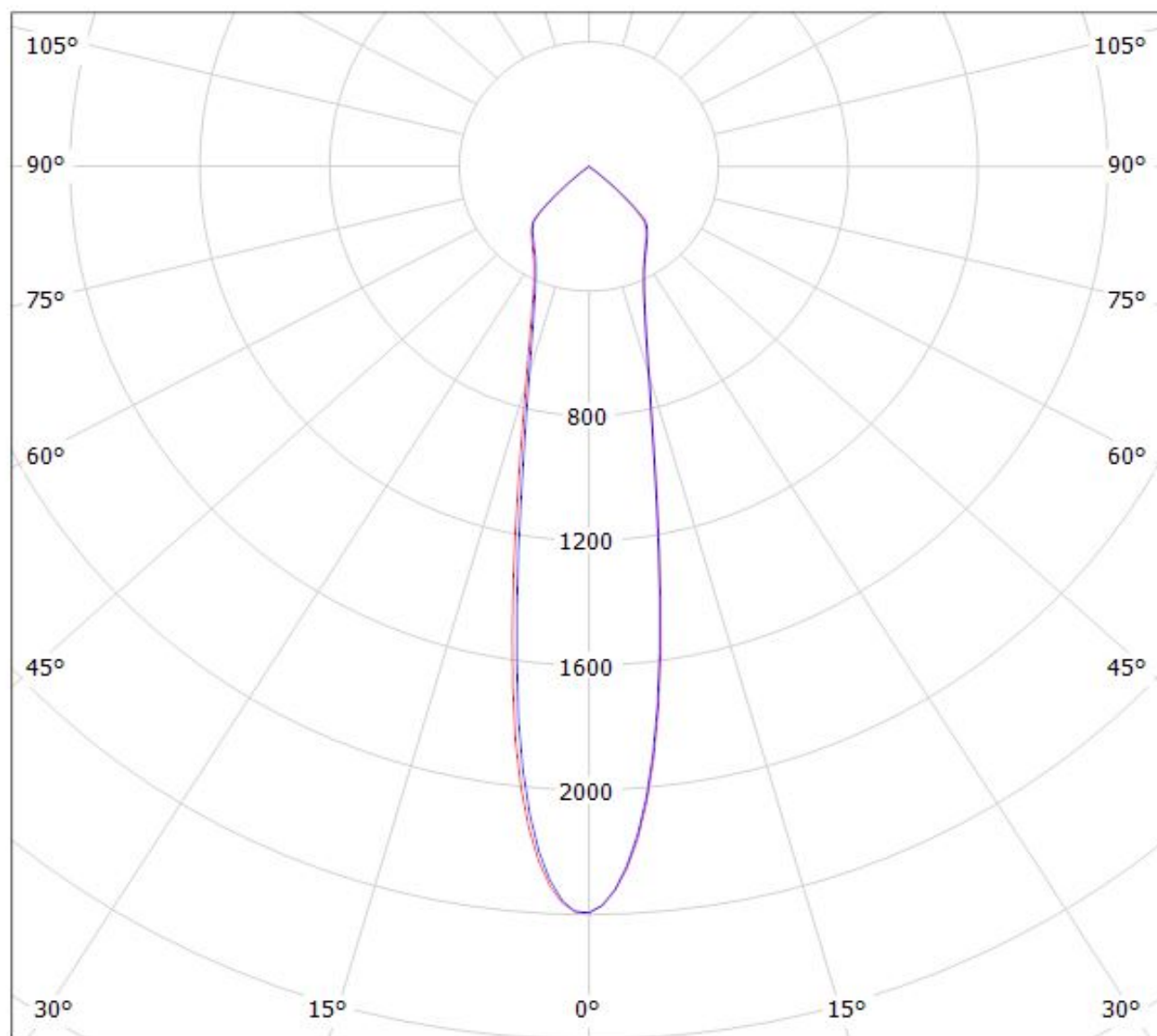
cd/klm

— C0 - C180 — C90 - C270

$\eta = 93\%$

Luminaire: LEDiL Oy F13659_ANGELINA-S-B (LG_COB_10W)

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



cd/klm

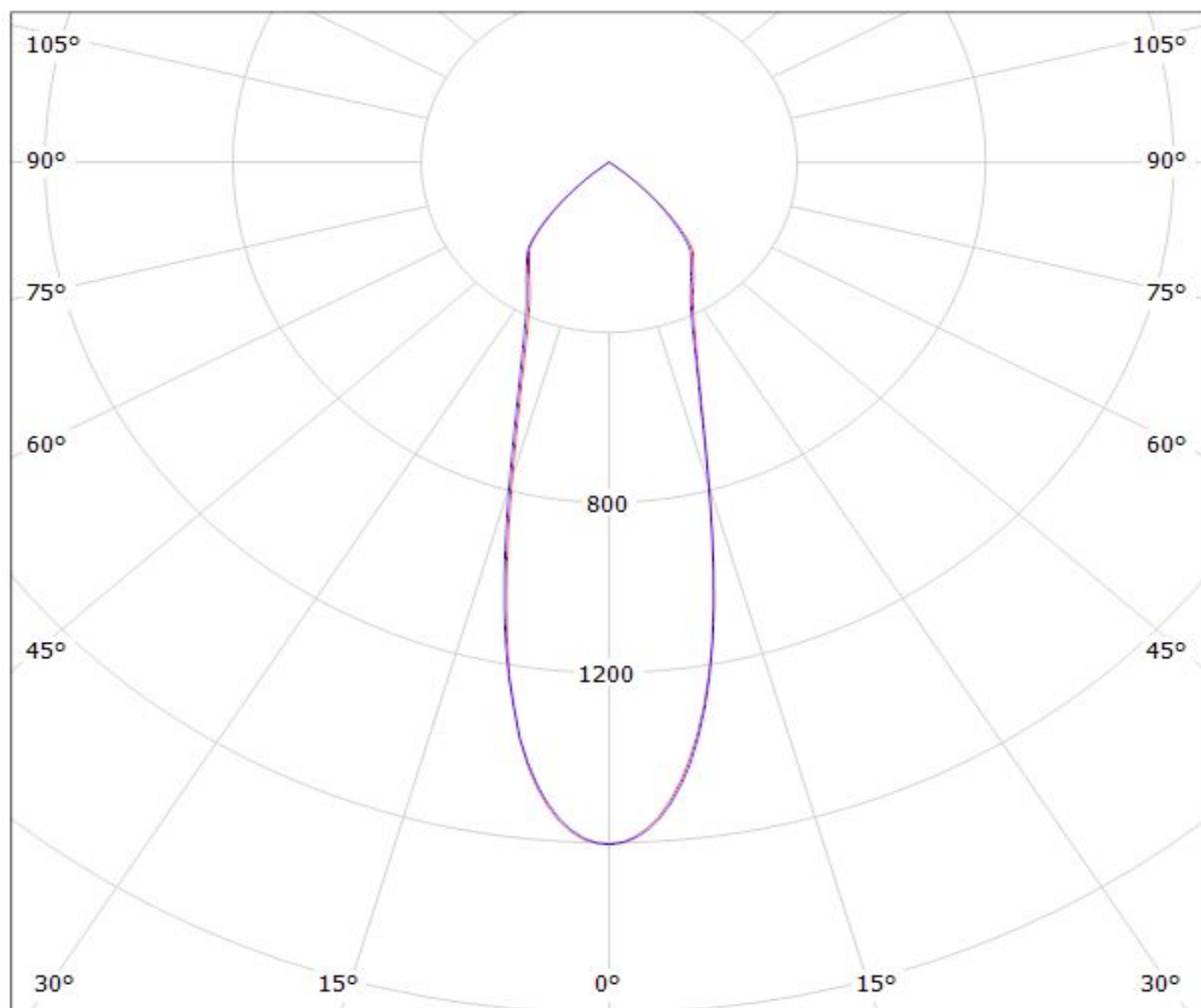
— C0 - C180

— C90 - C270

$\eta = 94\%$

Luminaire: LEDiL Oy F13659_ANGELINA-S-B_(COB_40W)

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



cd/klm

— C0 - C180

— C90 - C270

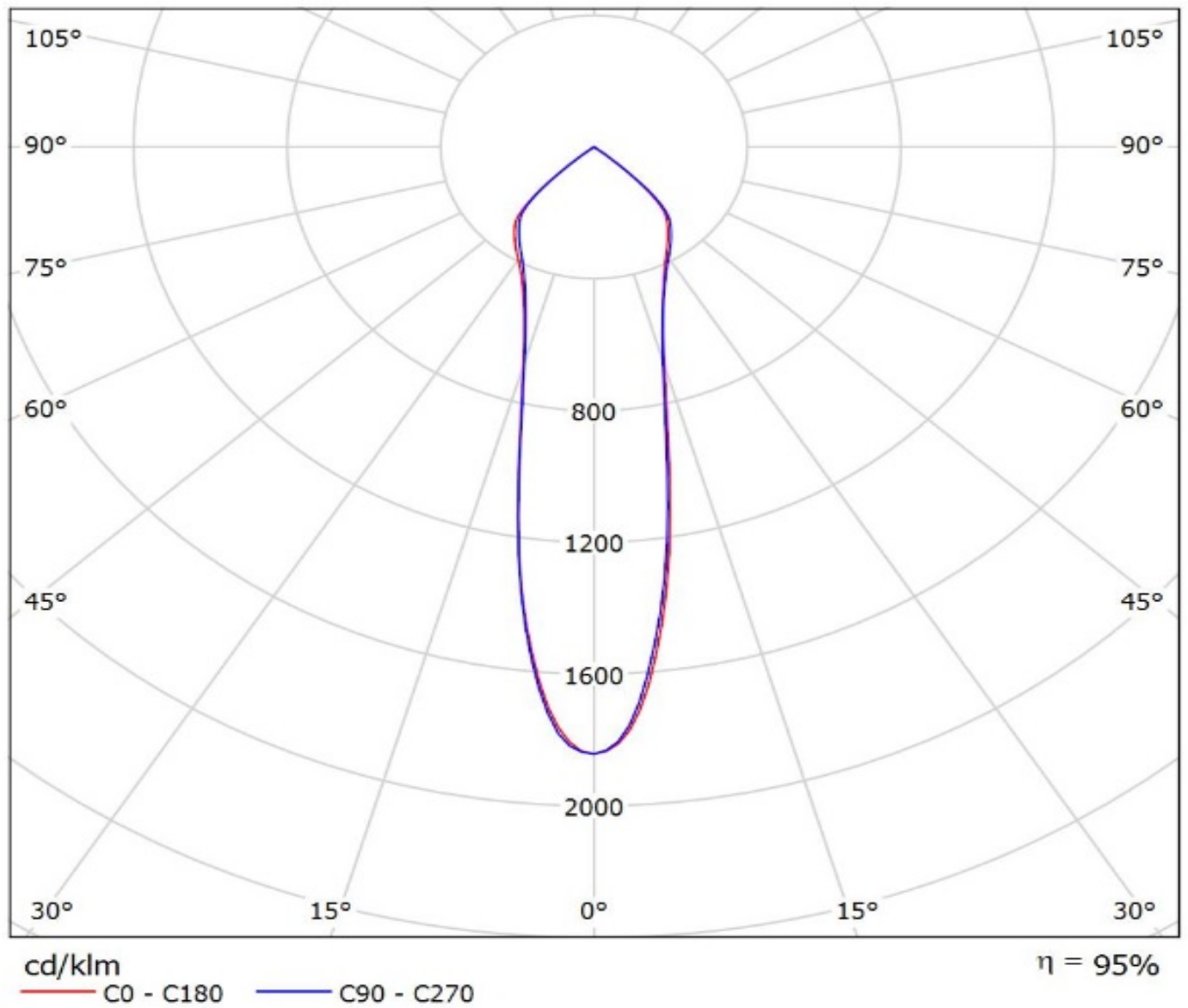
$\eta = 92\%$

Ledil F13659_ANGELINA-S-B_(Luxeon_K16)_(47_319_2070) / LDC (Polar)

Luminaire: Ledil F13659_ANGELINA-S-B_(Luxeon_K16)_(47_319_2070)

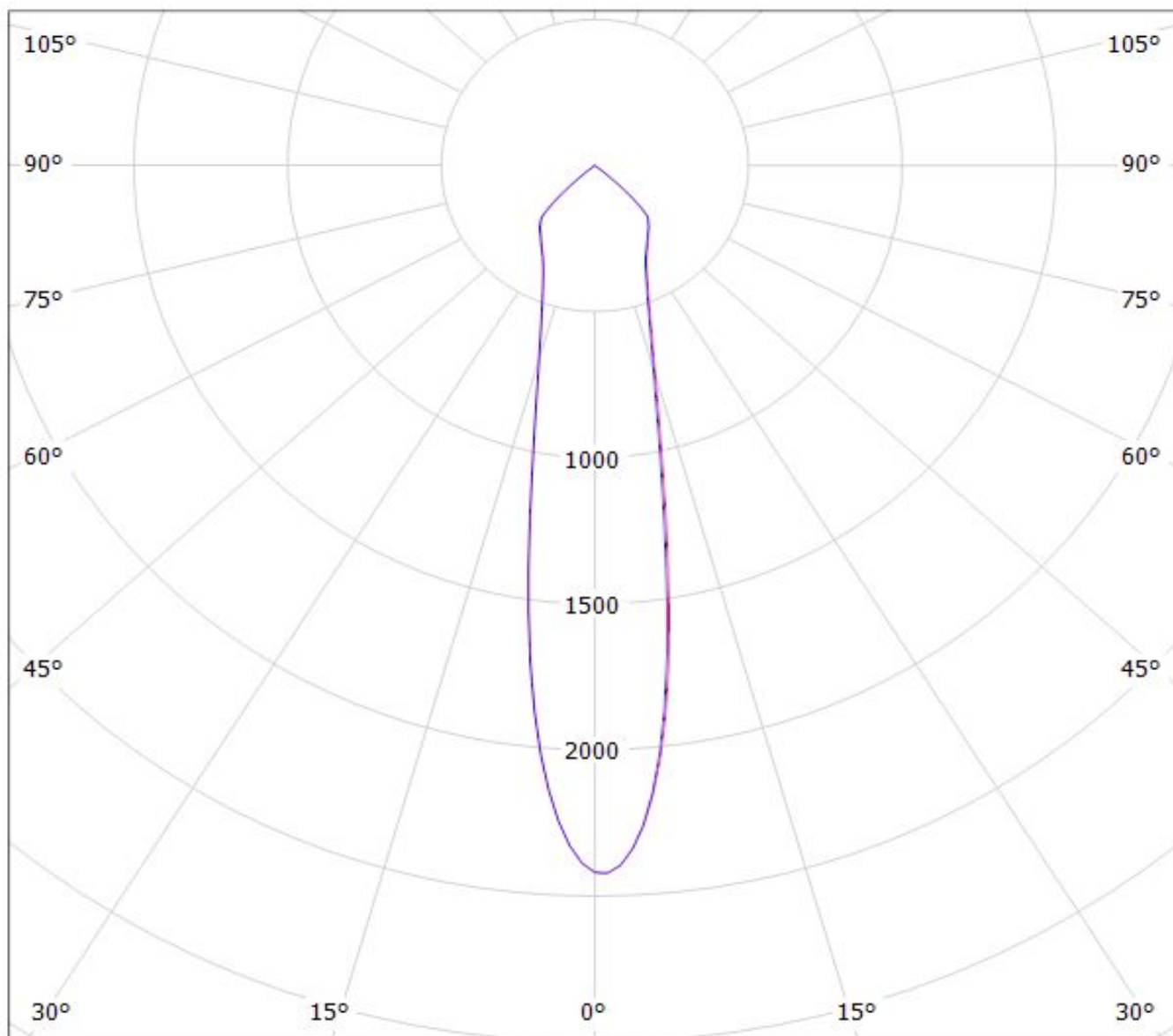
Lamps: 1 x Philips_Lumileds_Luxeon_K16_(BJB.47.319.2070)

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



Luminaire: LEDiL Oy F13659_ANGELINA-S-B_(Luxeon_CoB_1205)

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



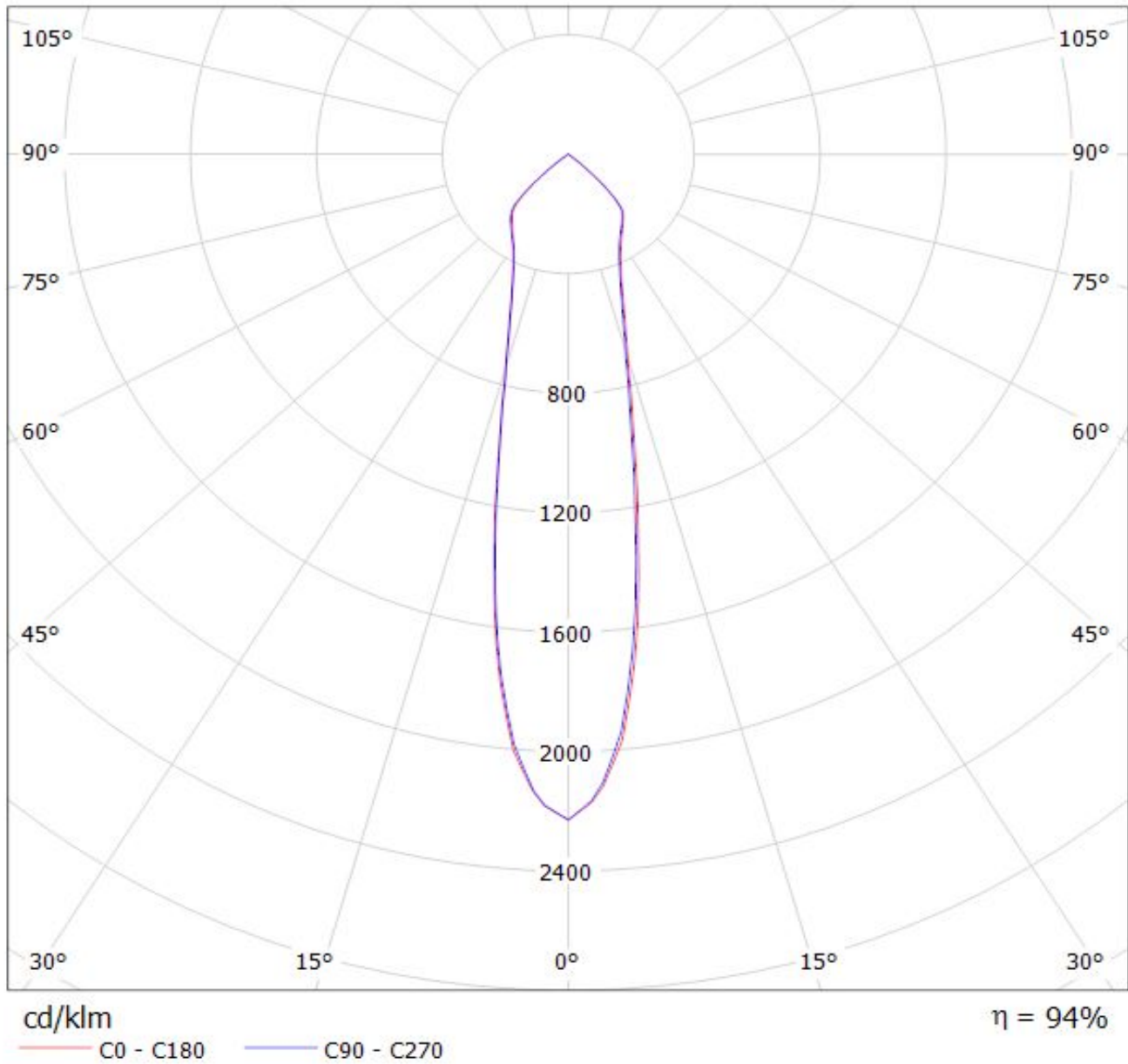
cd/klm

$\eta = 94\%$

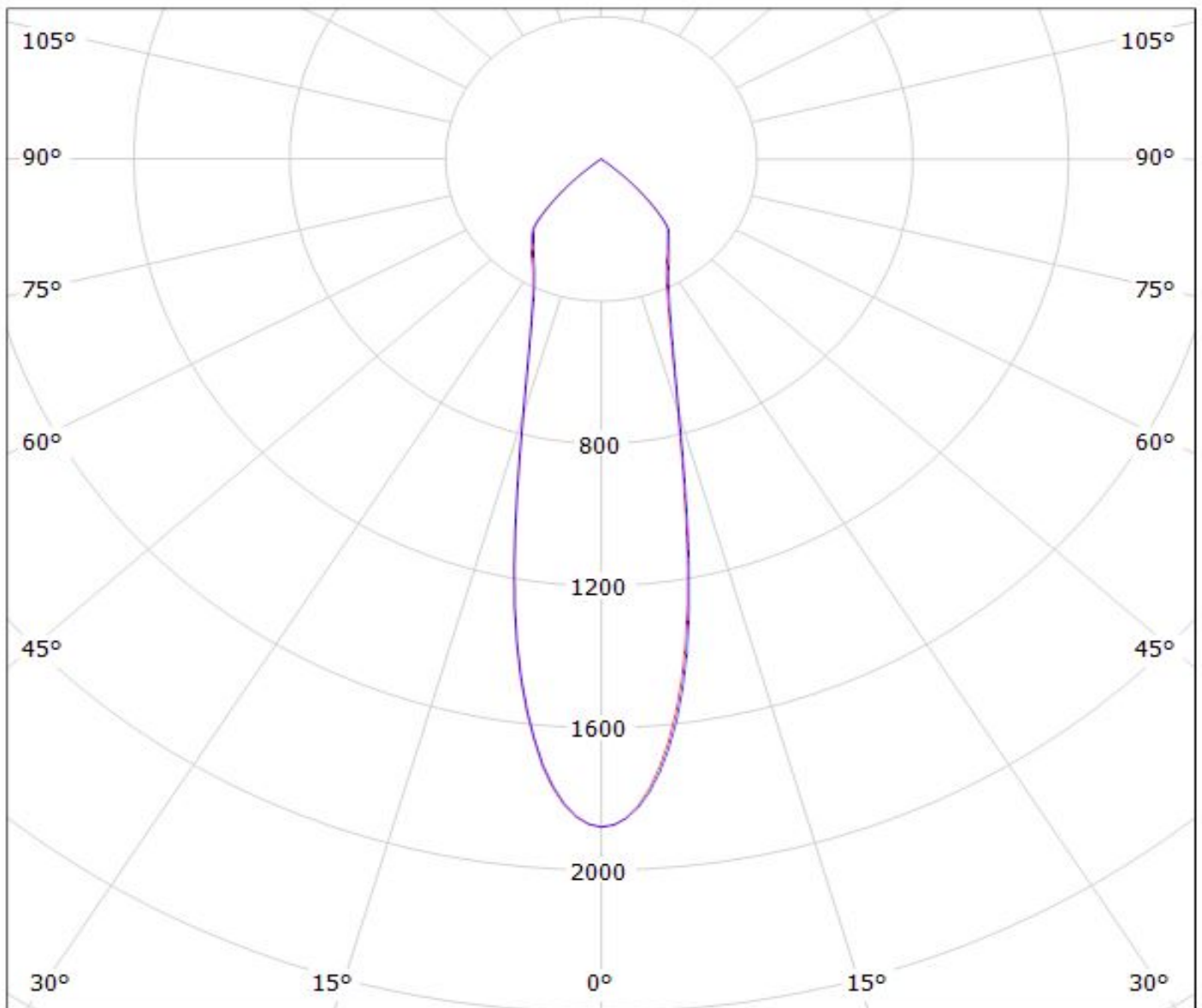
— C0 - C180

— C90 - C270

Luminaire: LEDiL Oy F13659_ANGELINA-S-B_(Luxeon_CoB_1208)
Lamps: 1 x Luxeon_CoB_1208_1057.71lm@250mA_P=8.26438W_I=249.8mA



Luminaire: LEDiL Oy F13659_ANGELINA-S-B_(Luxeon_CoB_1211)
Lamps: 1 x LUXEON_COB_1211_(LHC1-2790-1211)
_923.583lm@250mA_CCT=2700K_P=8.00909W_I=249.8mA



cd/klm

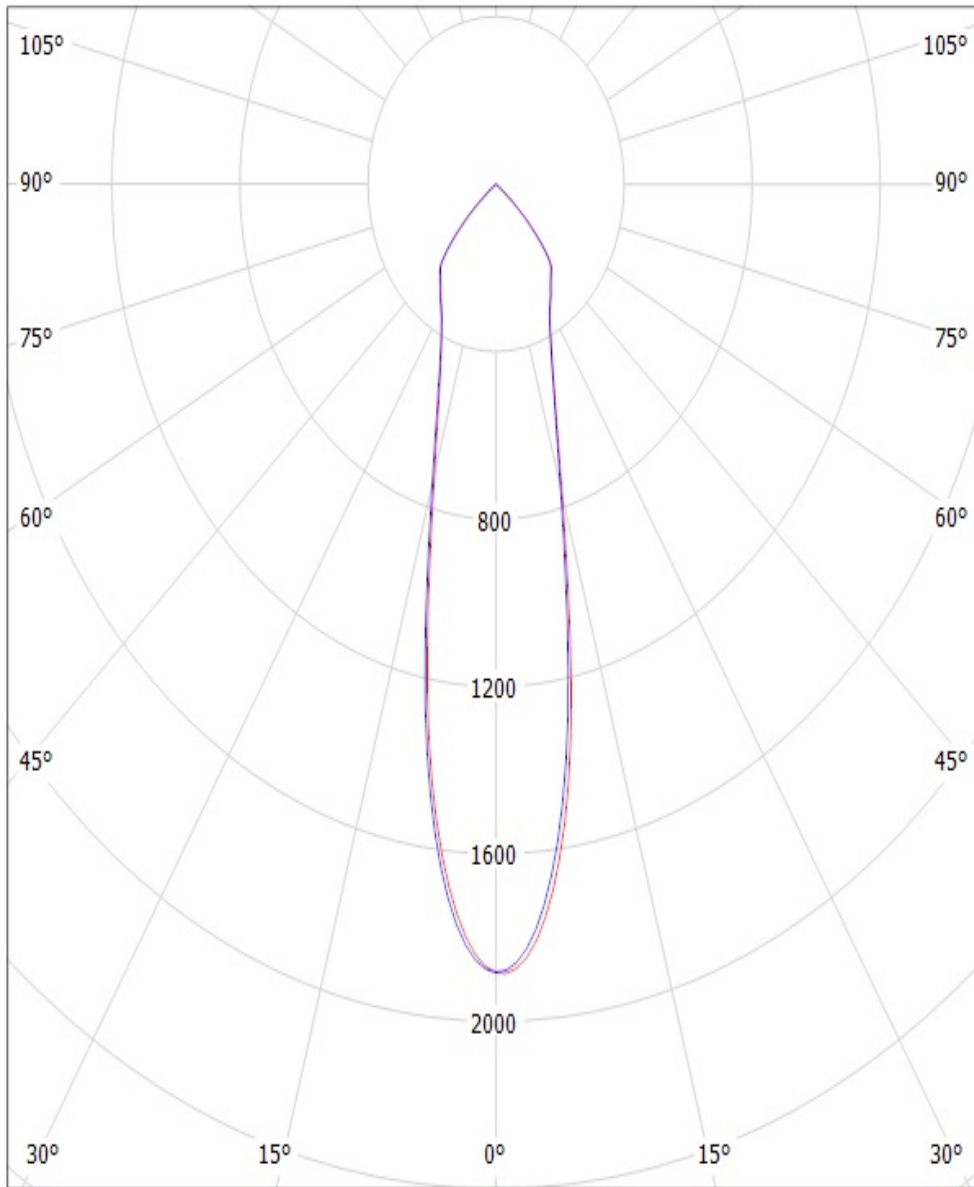
$\eta = 92\%$

— C0 - C180

— C90 - C270

Luminaire: LEDiL Oy F13659_ANGELINA-S-B_(Luxeon_CoB_1211)_(BJB2030)

Lamps: 1 x Philips_Lumileds_Luxeon_CoB_1211_(LHC1-5780-1211)_(BJB2030)_1331.52lm@250mA_CCT(approx.)=5700K_P=8.03628W_I=0.2499A



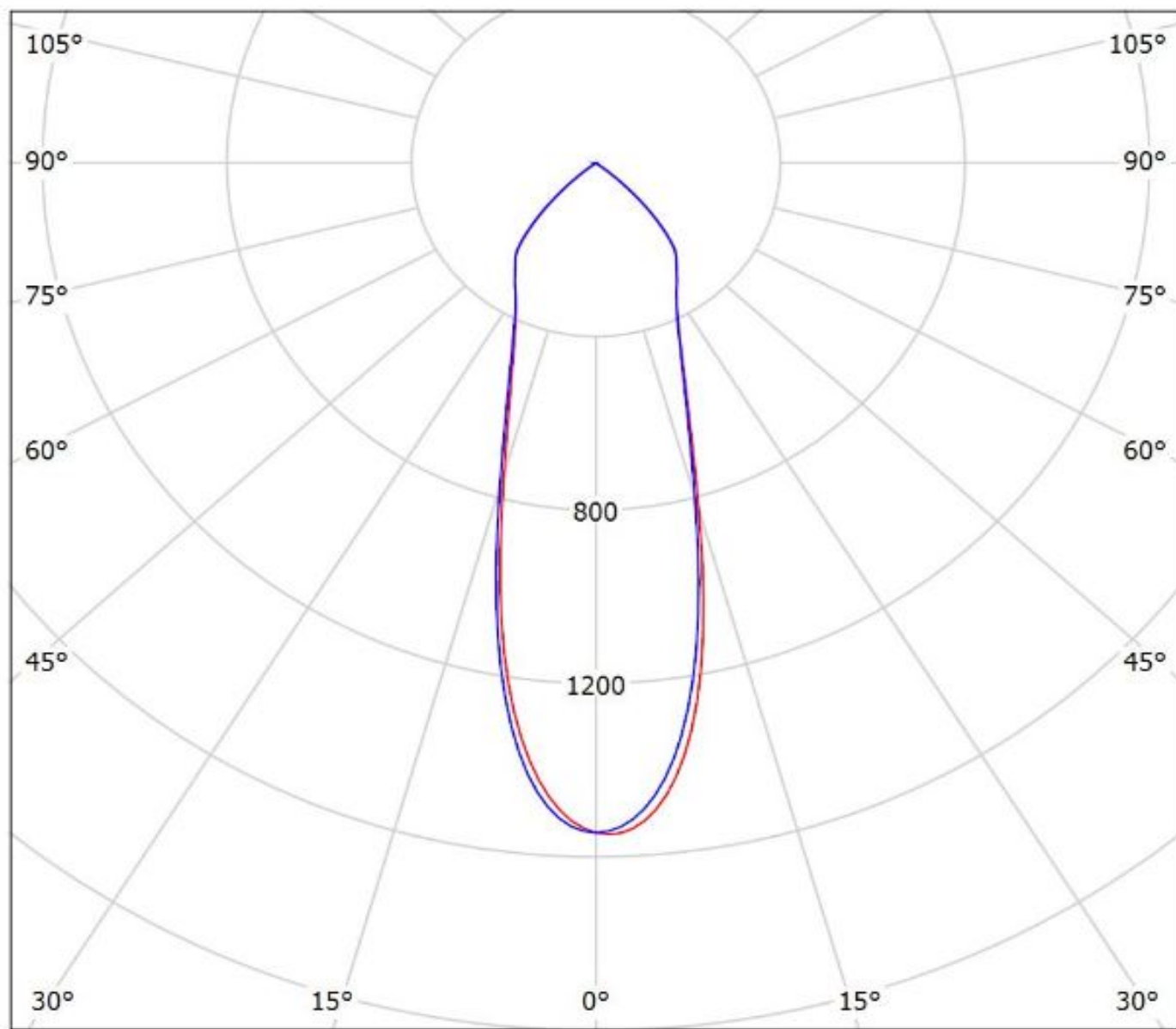
cd/klm

$\eta = 92\%$

— C0 - C180 — C90 - C270

Luminaire: Ledil F13659_ANGELINA-S-B_(CoB_1216)

Lamps: 1 x Luxeon_CoB_1216_(L2C2-40801216E2300)_1478.53lm@250mA_P=8.0068W_I=0.25A



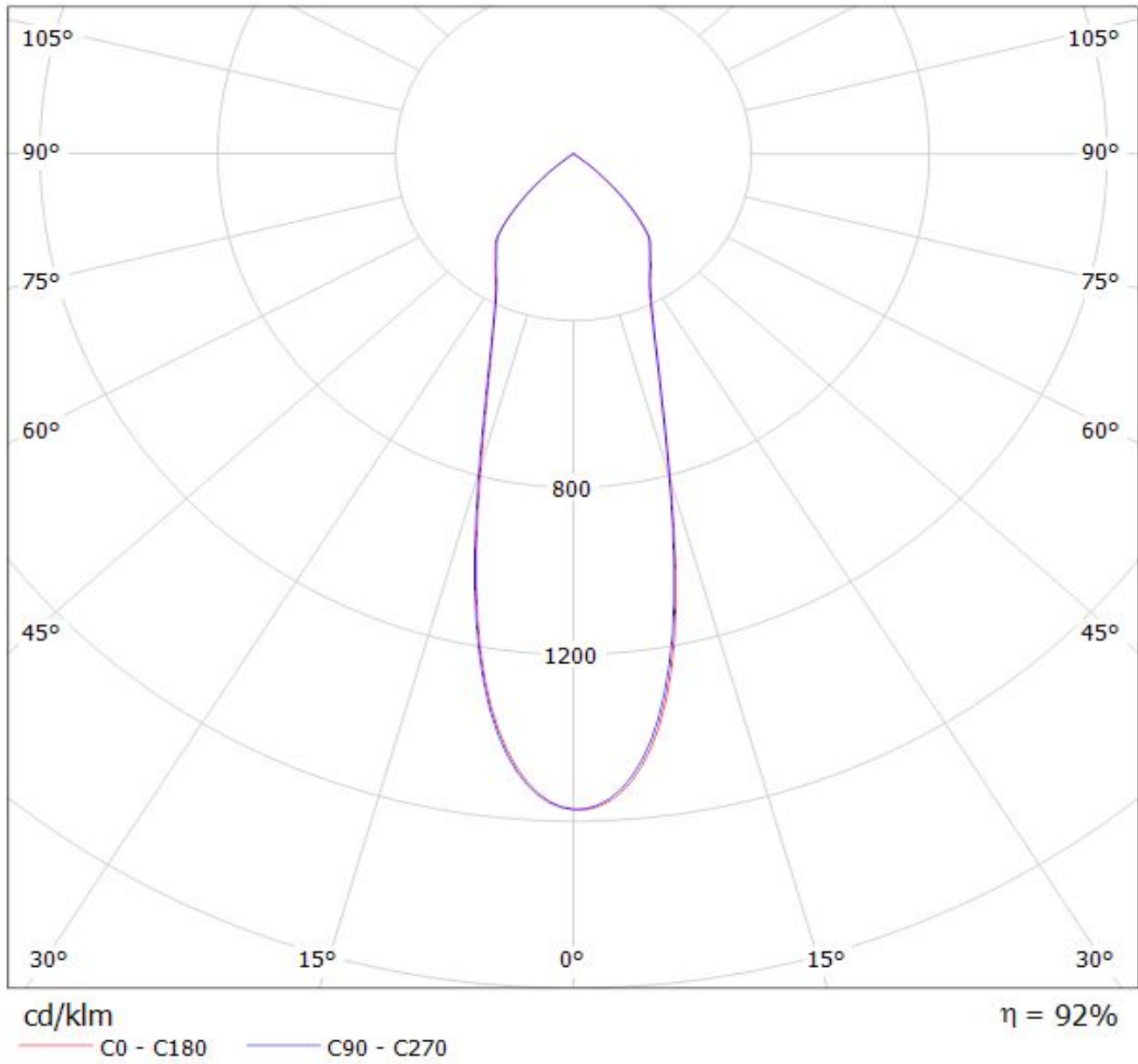
cd/klm

— C0 - C180 — C90 - C270

$\eta = 91\%$

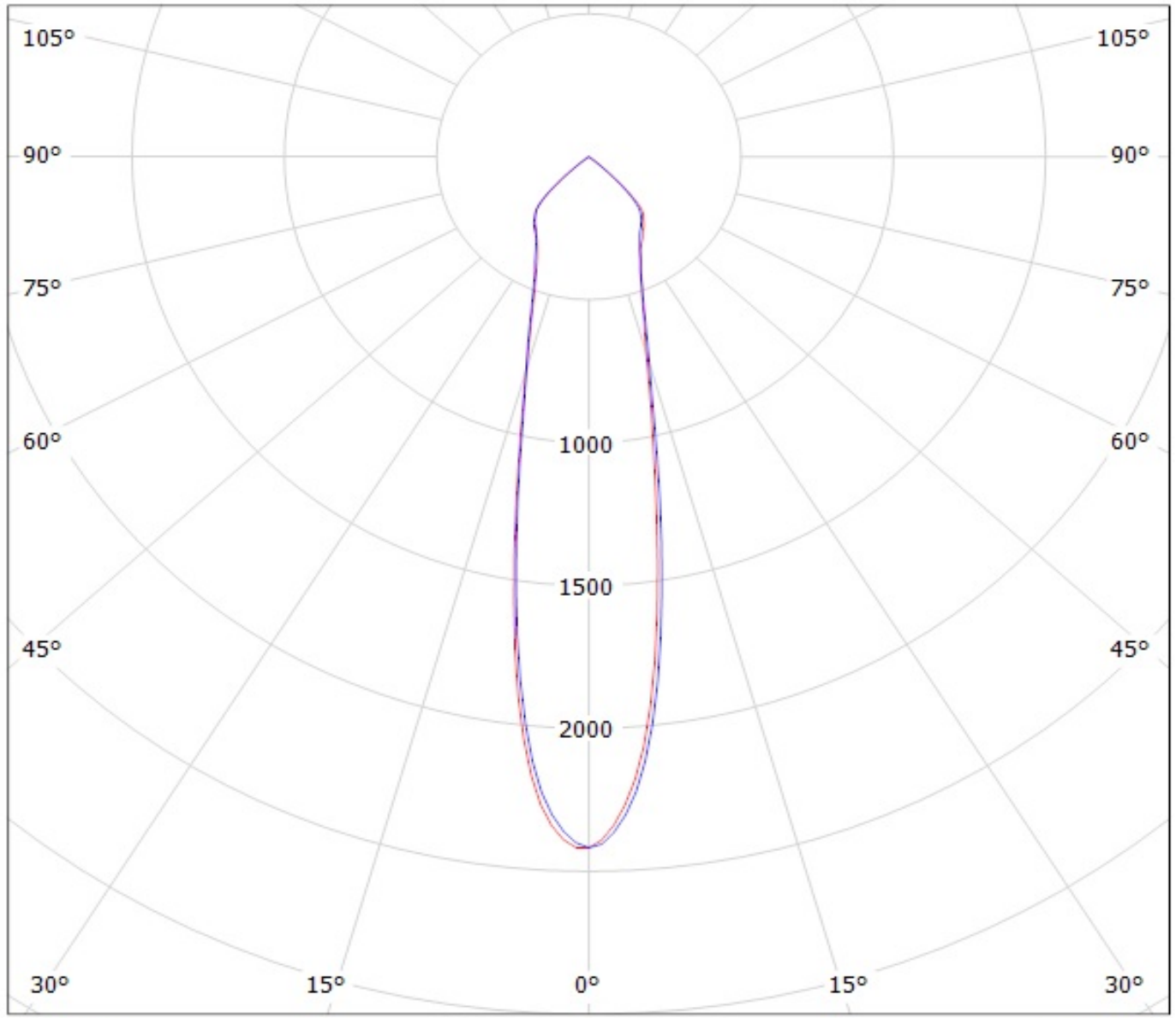
Luminaire: LEDiL Oy F13659_ANGELINA-S-B_(CXM-22) Eff.92.2%

Lamps: 1 x LUMINUS_CXM-22_1221.8lm@250mA_P=8.00809W_CCT=3000K_I=249.8mA



Luminaire: LEDil Oy F13659_ANGELINA-S-B_(CXM-14)

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



cd/klm

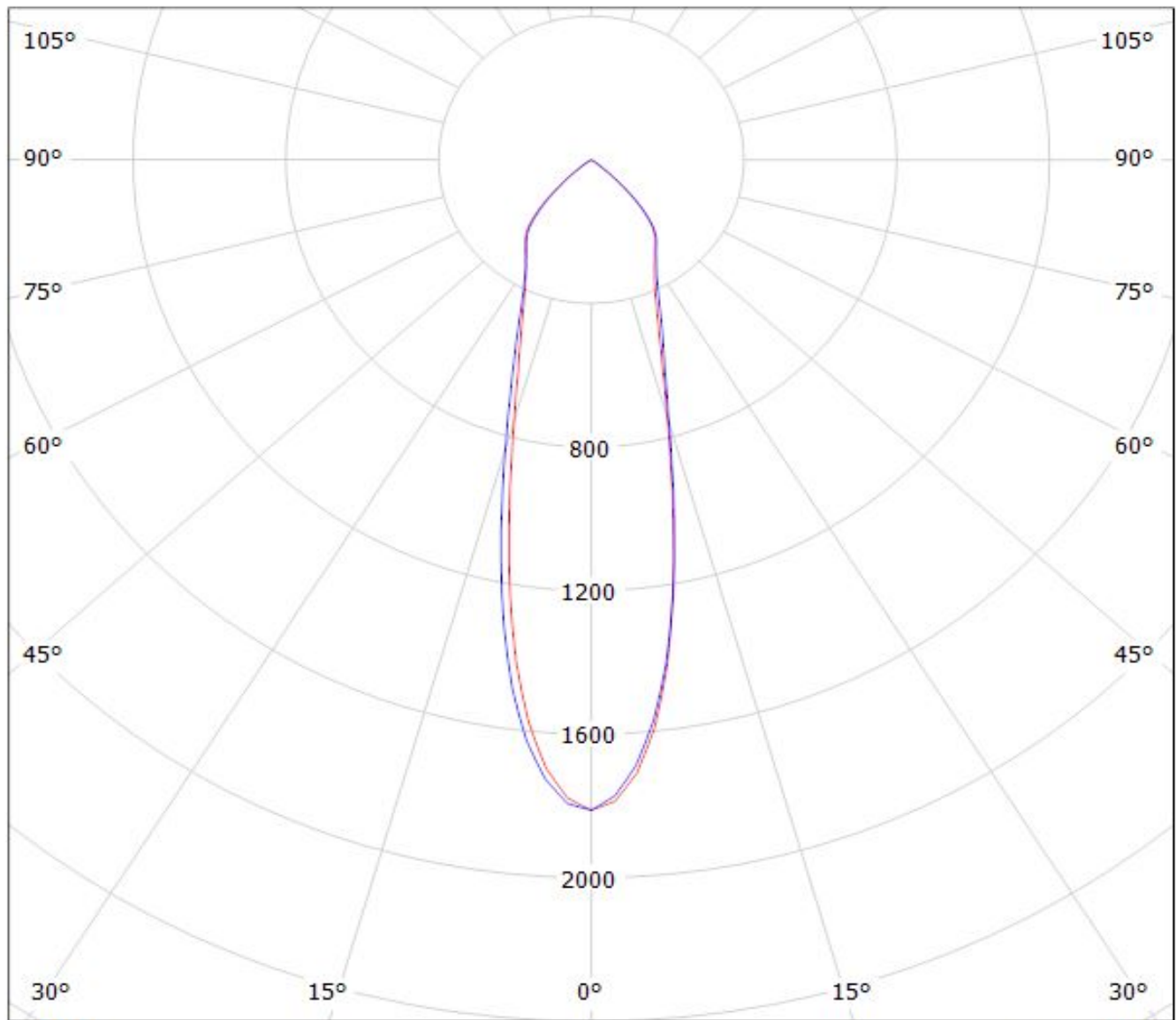
— C0 - C180

— C90 - C270

$\eta = 94\%$

Luminaire: LEDiL F13659_ANGELINA-S-B_(Soleriq_E30)

Lamps: 1 x Soleriq E30 1358lm@250mA (QW KAJRB2.EM-TPTR-50H4) P:10.23W



cd/klm

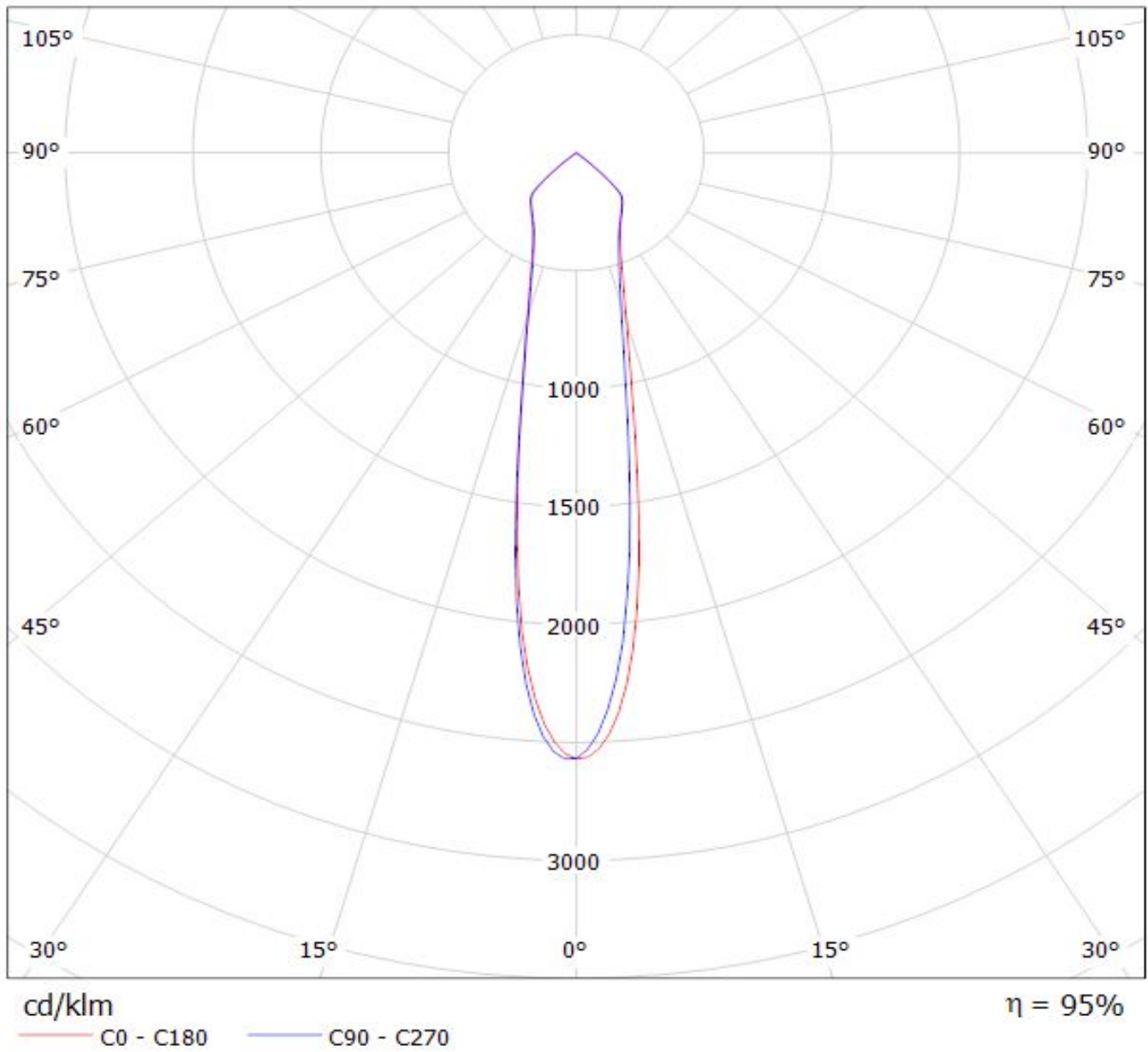
— C0 - C180

— C90 - C270

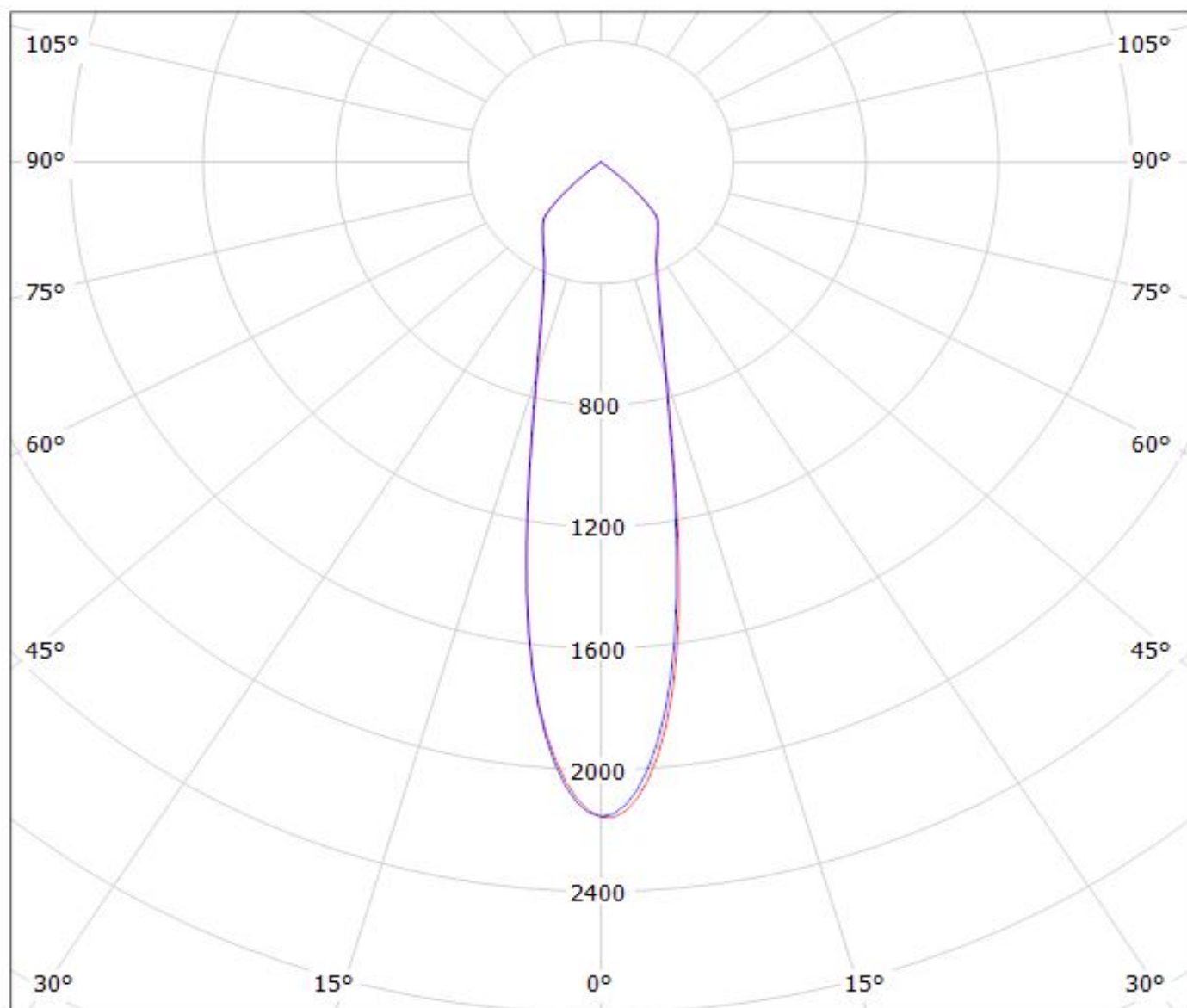
$\eta = 91\%$

Luminaire: LEDiL Oy F13659_ANGELINA-S-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 F13659_ANGELINA-S-B_(Soleriq S19) Eff.93.9%
Lamps: 1 x OSRAM_SOLERIQ_S19_(GW_KAHJB1.EM)
_1445.44lm@250mA_CCT=3000K_P=10.558W_I=249.8mA



cd/klm

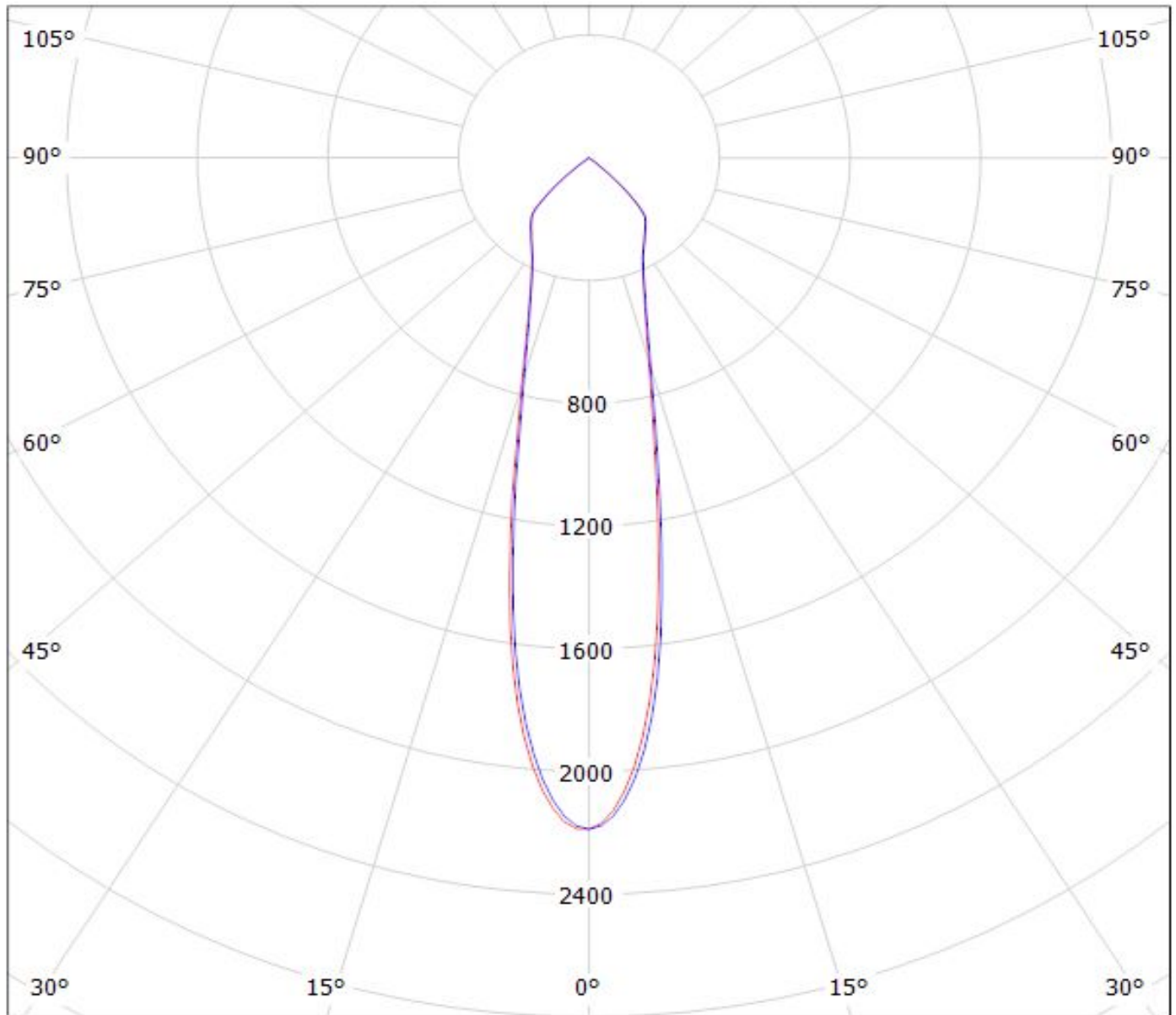
— C0 - C180

— C90 - C270

$\eta = 94\%$

Luminaire: LEDiL Oy F13659_ANGELINA-S-B_(S19) Eff.93.7%

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



cd/klm

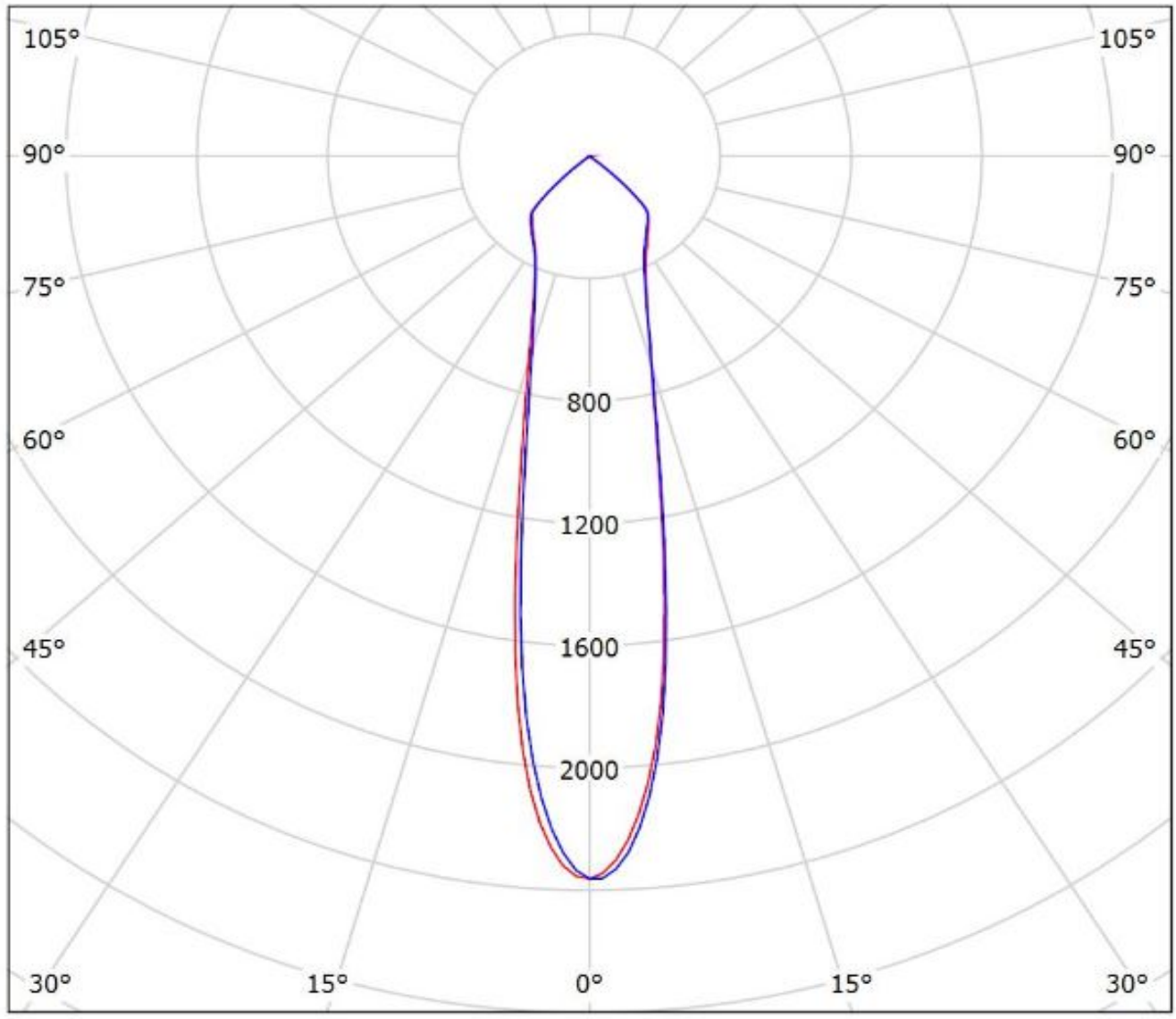
— C0 - C180

— C90 - C270

$\eta = 94\%$

Luminaire: LEDiL Oy F13659_ANGELINA-S-B_(SOLERIQ_P13)

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



cd/klm

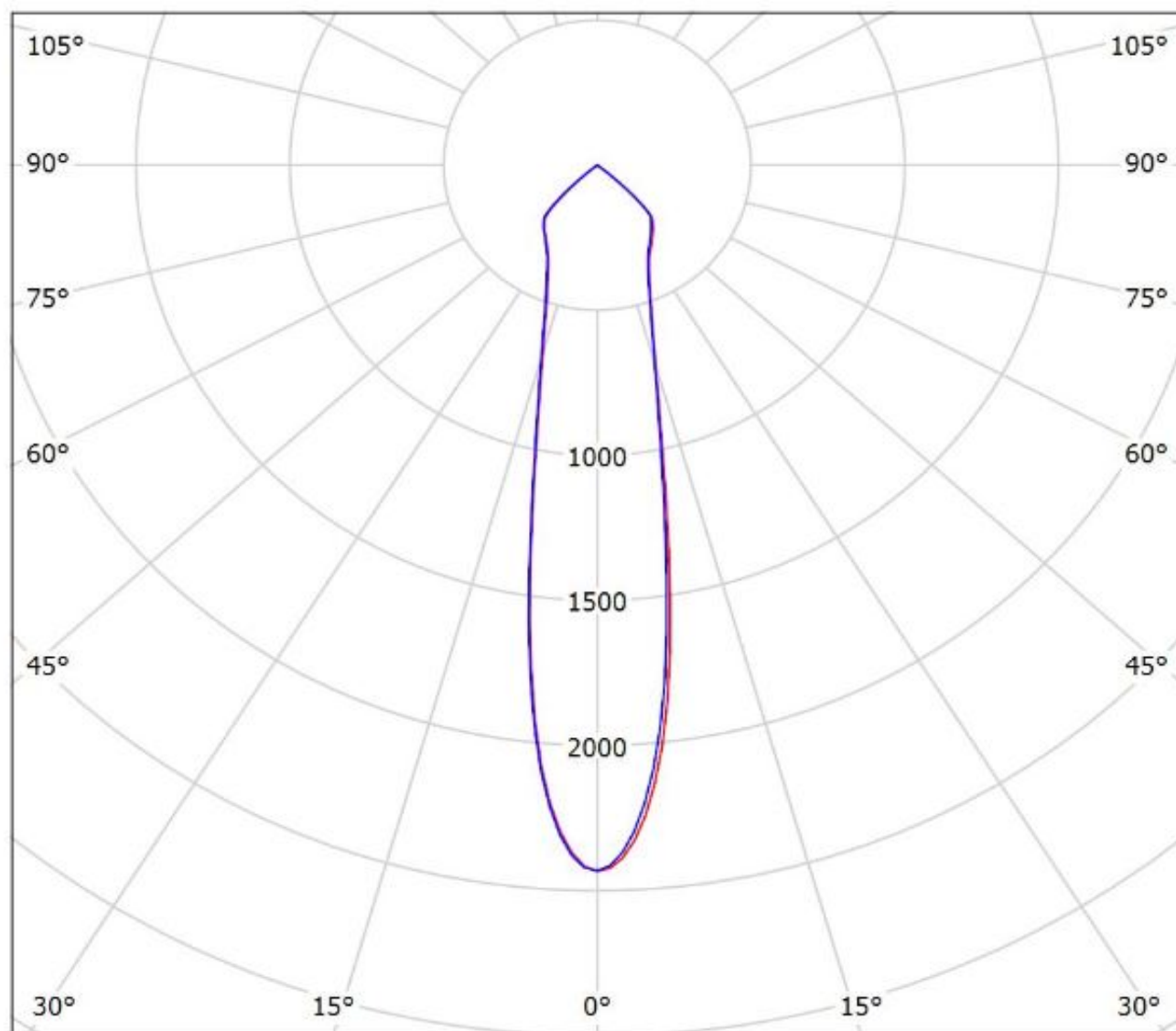
— C0 - C180

— C90 - C270

$\eta = 94\%$

Luminaire: Ledil F13659_ANGELINA-S-B_(Soleriq_S13_G2)

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



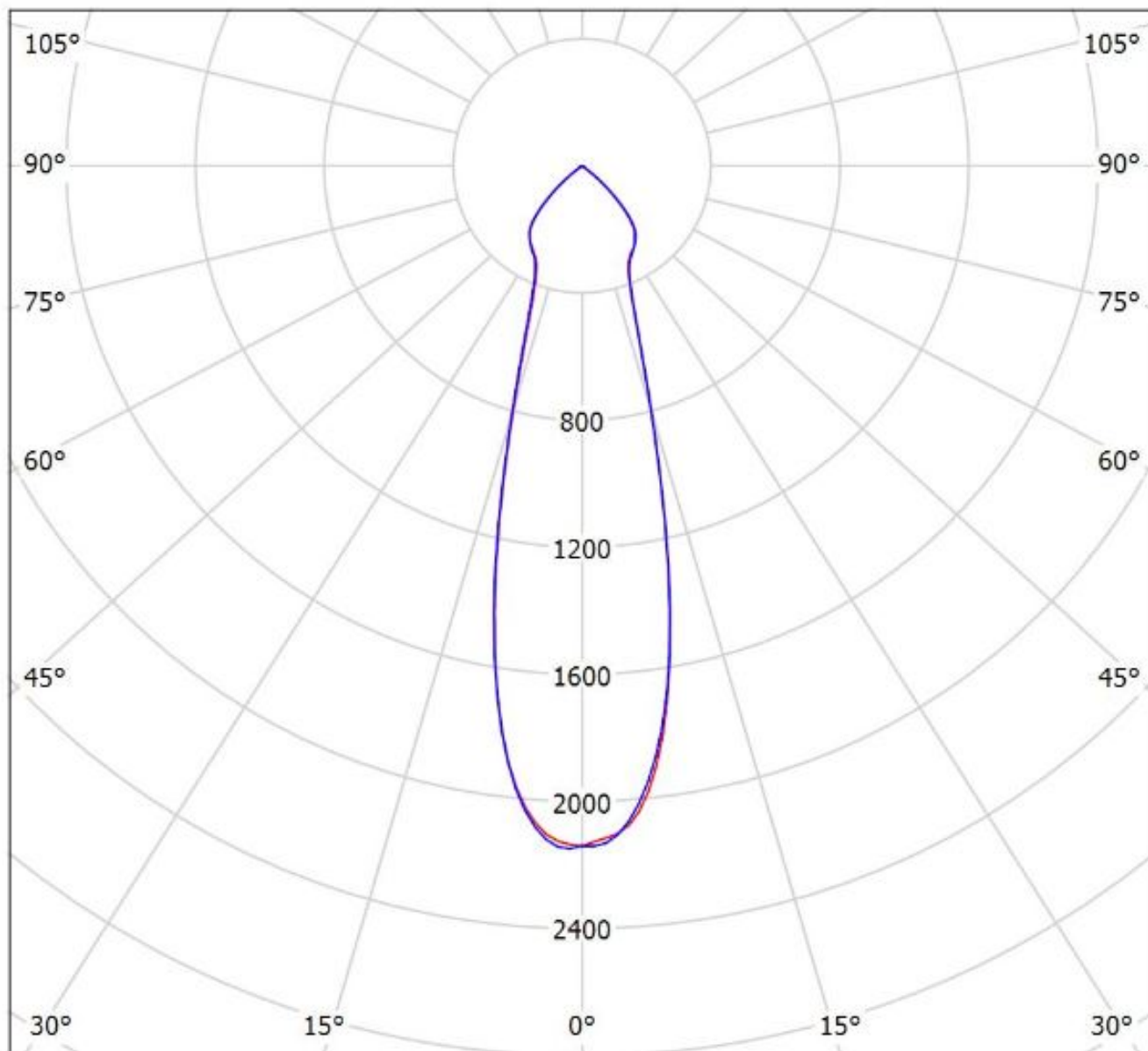
cd/klm

— C0 - C180

— C90 - C270

$\eta = 92\%$

Luminaire: Ledil Oy F13659_ANGELINA-S-B+_BJB_47.319.2030_SAMSUNG_COB_D_LC040D_SIMULATED
Lamps: 1 x SAMSUNG LC040D



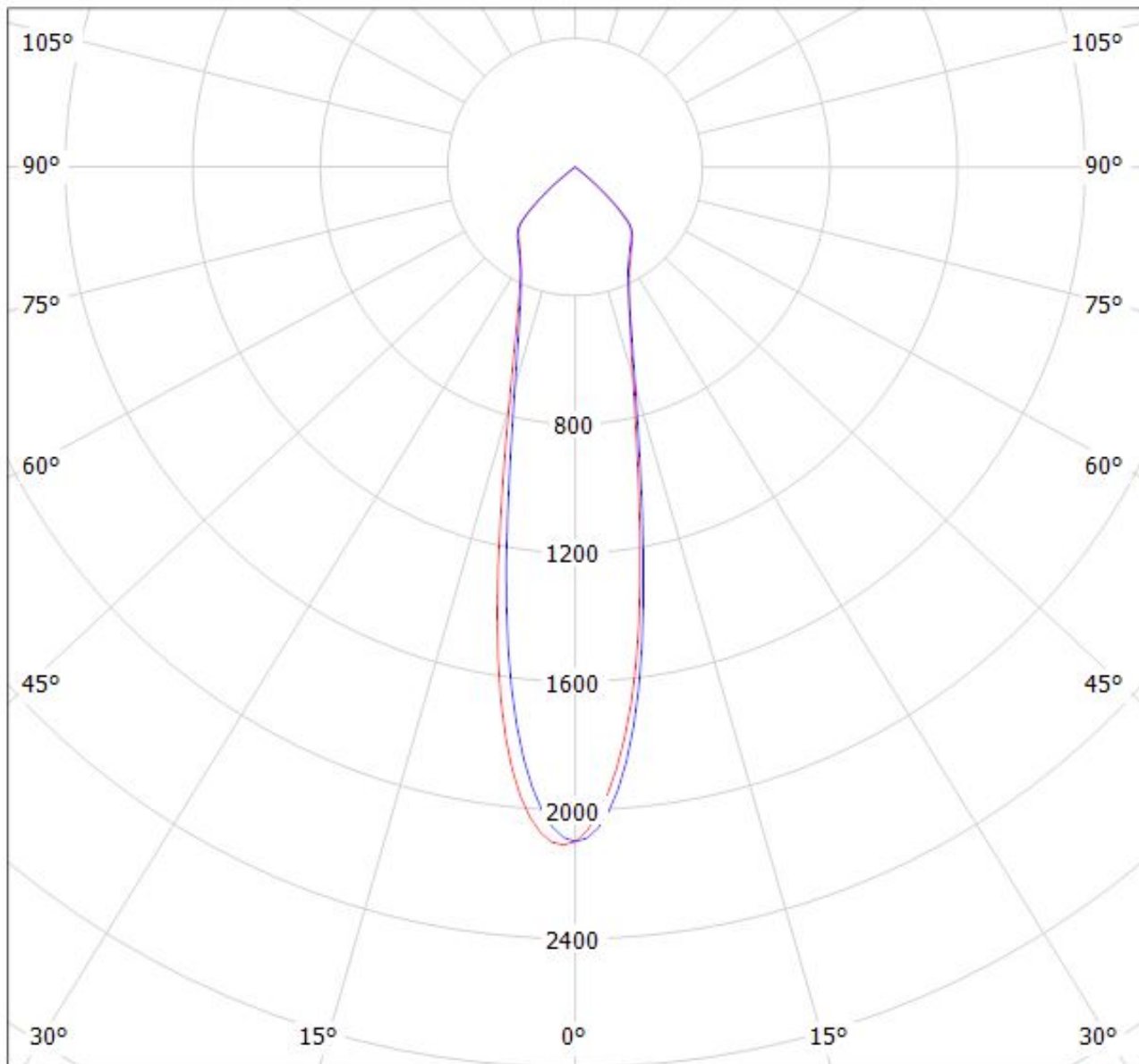
cd/klm

— C0 - C180 — C90 - C270

$\eta = 90\%$

Luminaire: LEDiL Oy F13659_ANGELINA-S-B_(COB_D_14,5mm)

Lamps: 1 x Samsung_COB_D_Series-LES-14,5_LC026D_1296.34lm@250mA_CCT=3000K_P=8.1225W_I=0.250A



cd/klm

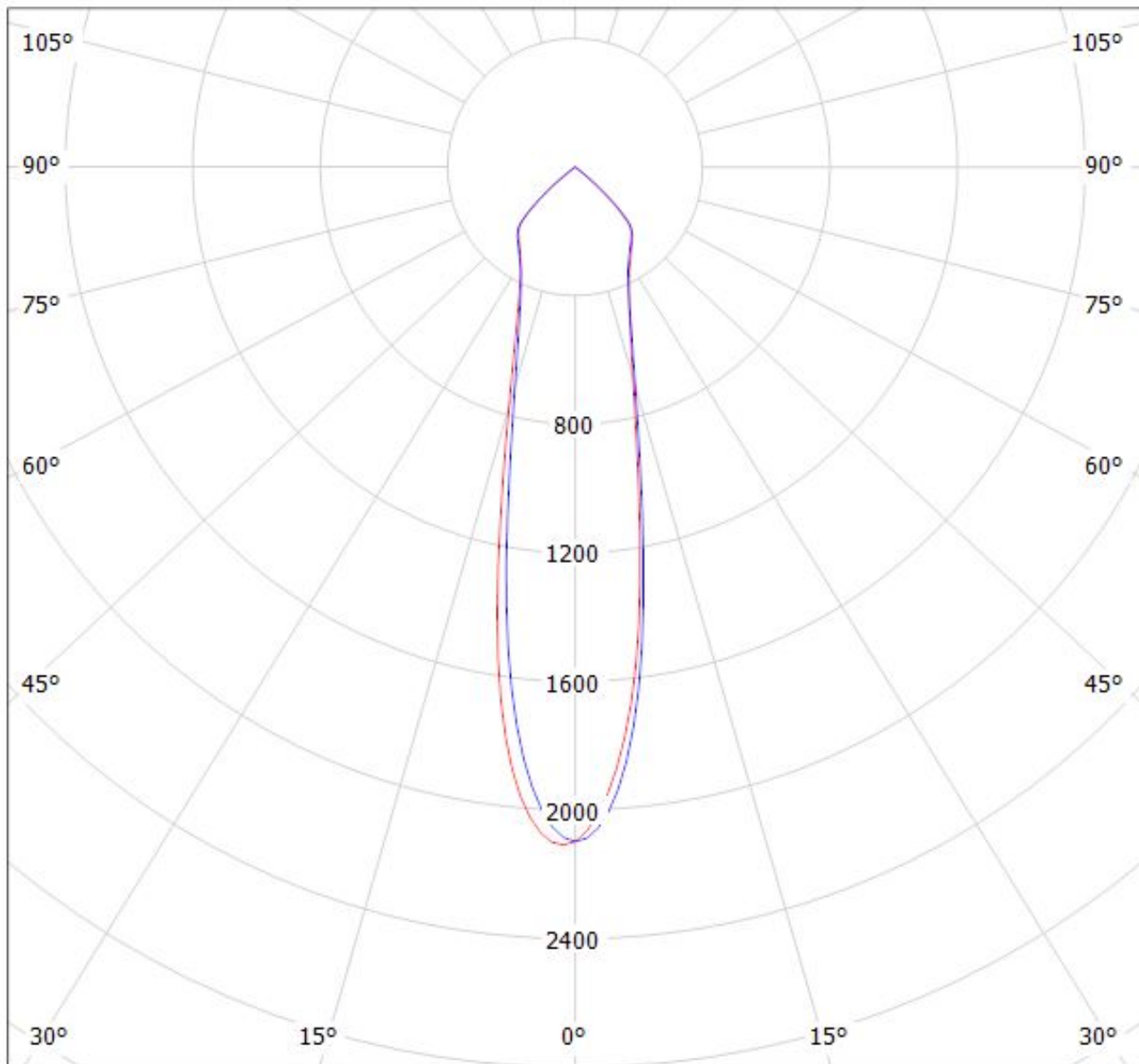
— C0 - C180

— C90 - C270

$\eta = 93\%$

Luminaire: LEDiL Oy F13659_ANGELINA-S-B_(COB_D_14,5mm)

Lamps: 1 x Samsung_COB_D_Series-LES-14,5_LC026D_1296.34lm@250mA_CCT=3000K_P=8.1225W_I=0.250A



cd/klm

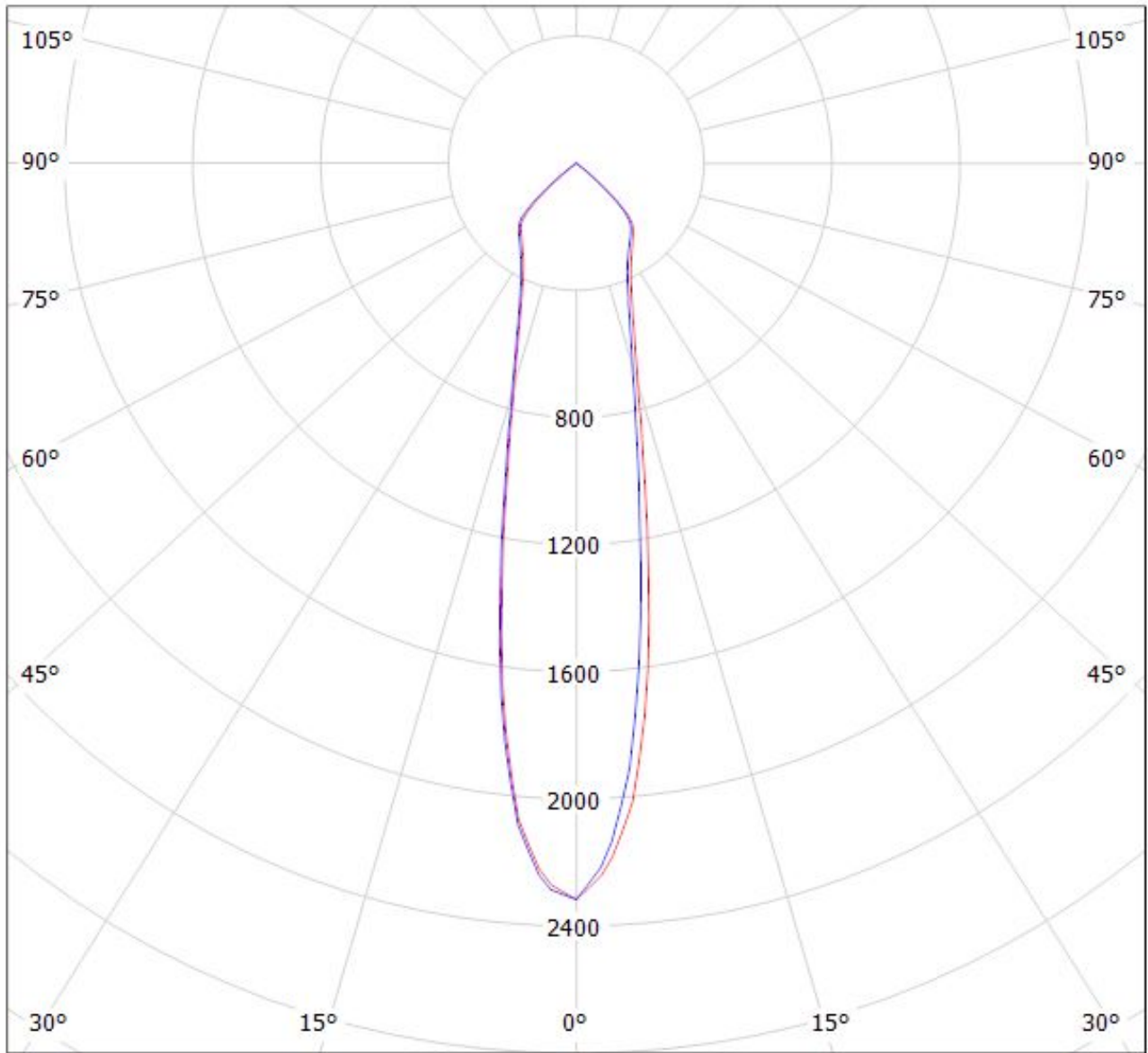
— C0 - C180

— C90 - C270

$\eta = 93\%$

Luminaire: LEDiL Oy F13659_ANGELINA-S-B_(ZC12)

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



cd/klm

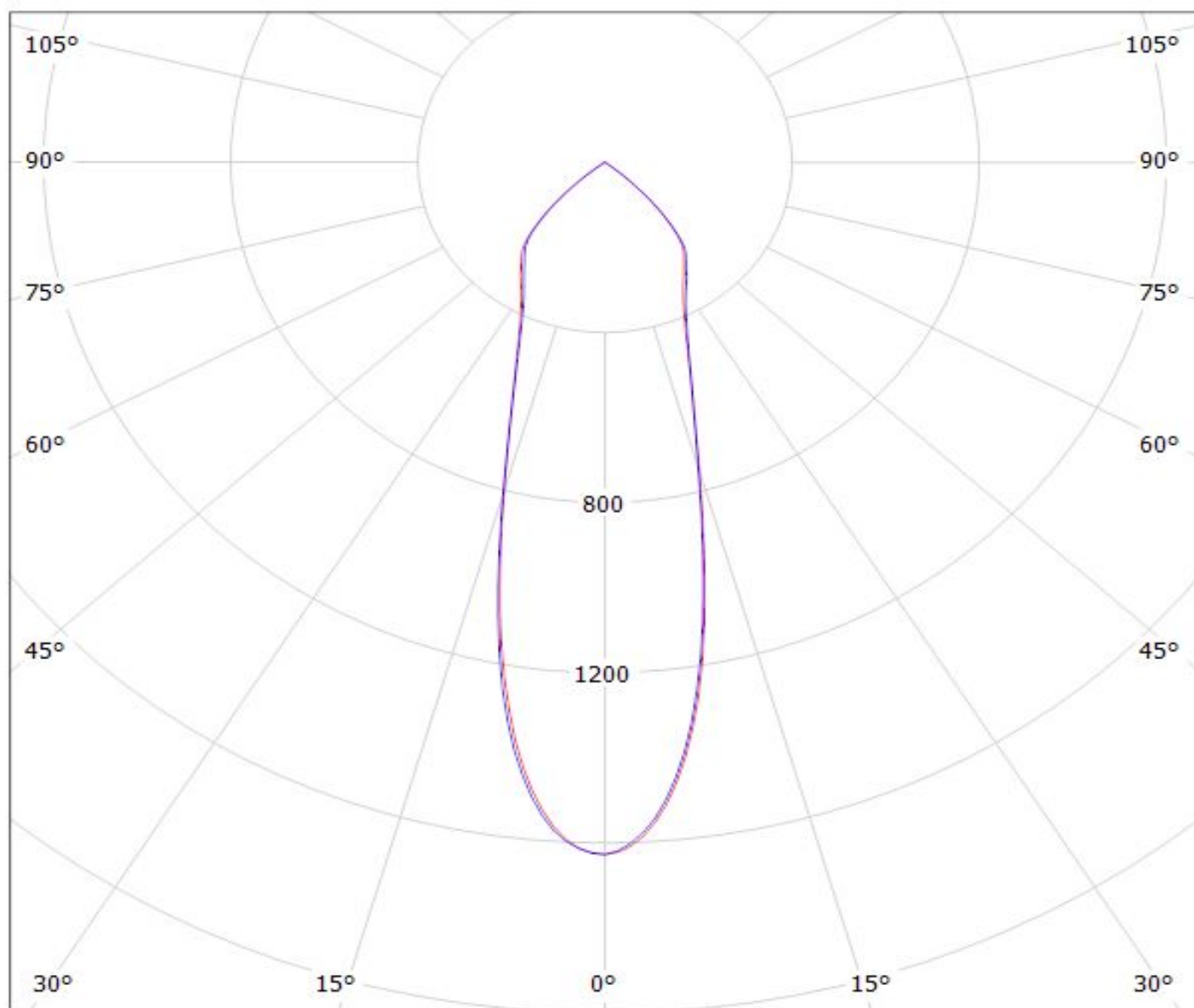
— C0 - C180

— C90 - C270

$\eta = 94\%$

Luminaire: LEDiL Oy F13659_ANGELINA-S-B_(ZC40)

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



cd/klm

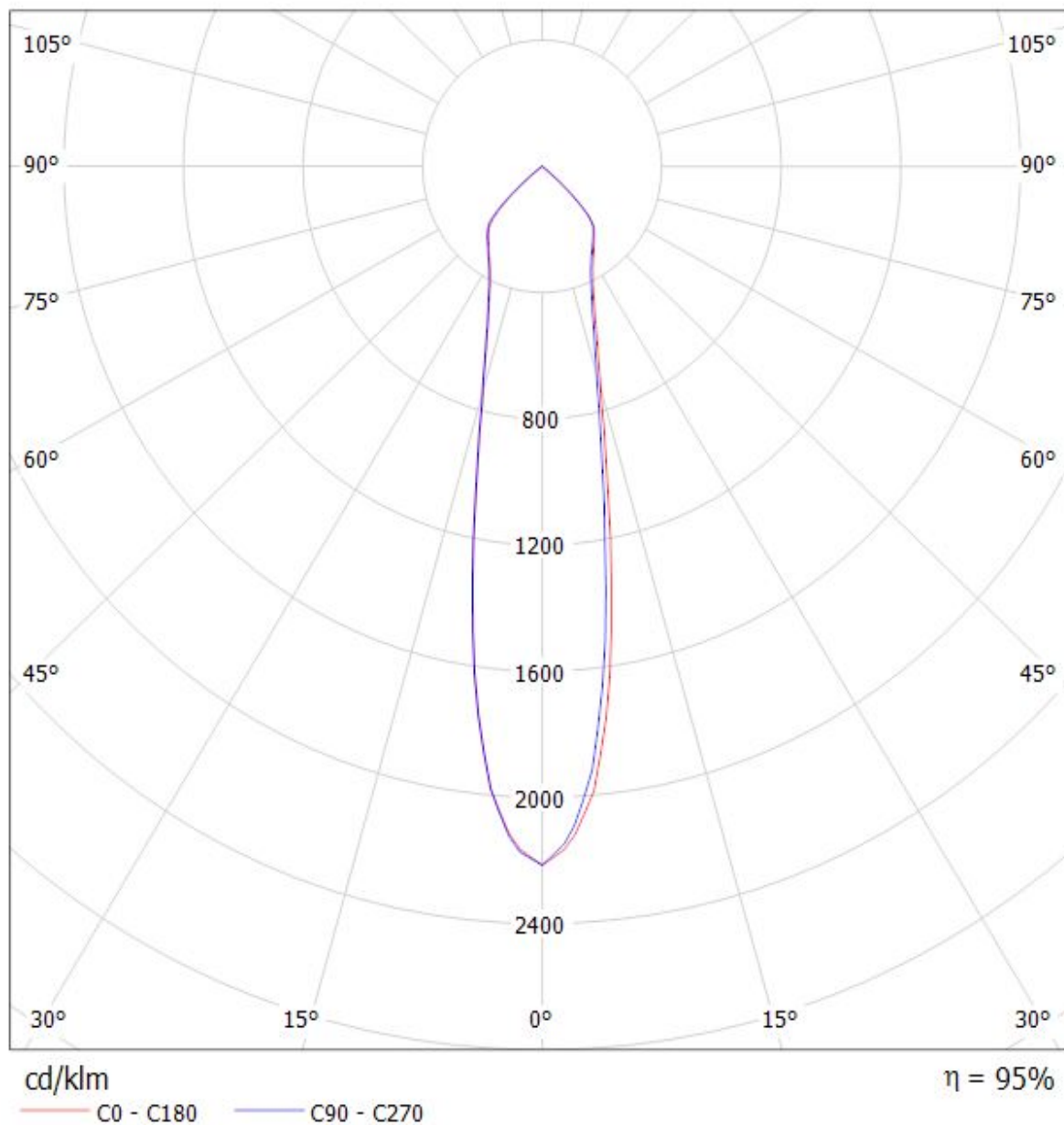
— C0 - C180

— C90 - C270

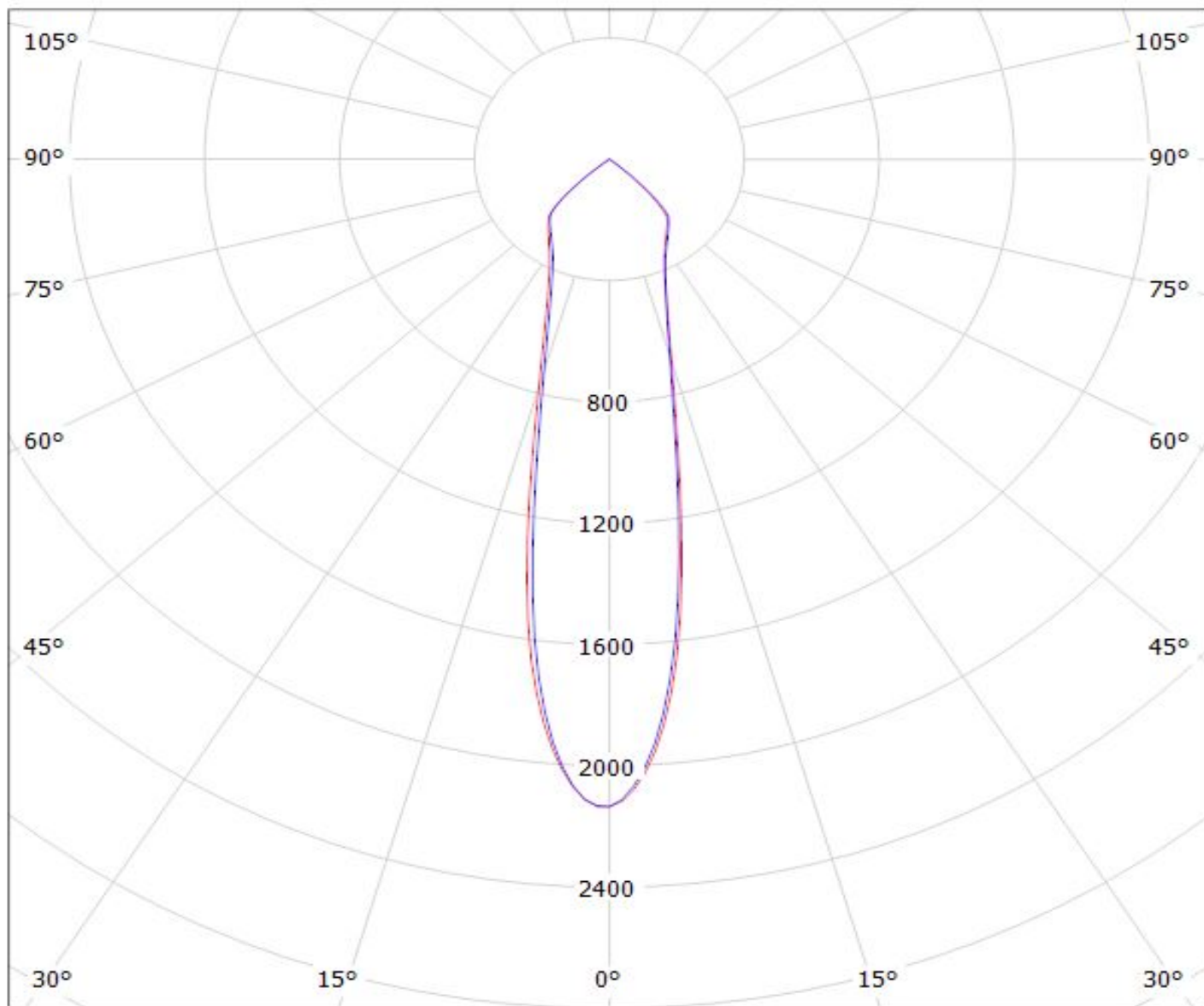
$\eta = 92\%$

Luminaire: LEDiL Oy F13659_ANGELINA-S-B_(MegaZenigata_GW6)

Lamps: 1 x Sharp_MegaZenigata_GW6_(GW6DME30NFC)_1266.19lm@250mA_CCT=3038K_P=11.2151W_I=250.6mA



Luminaire: LEDiL Oy F13659_ANGELINA-S-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



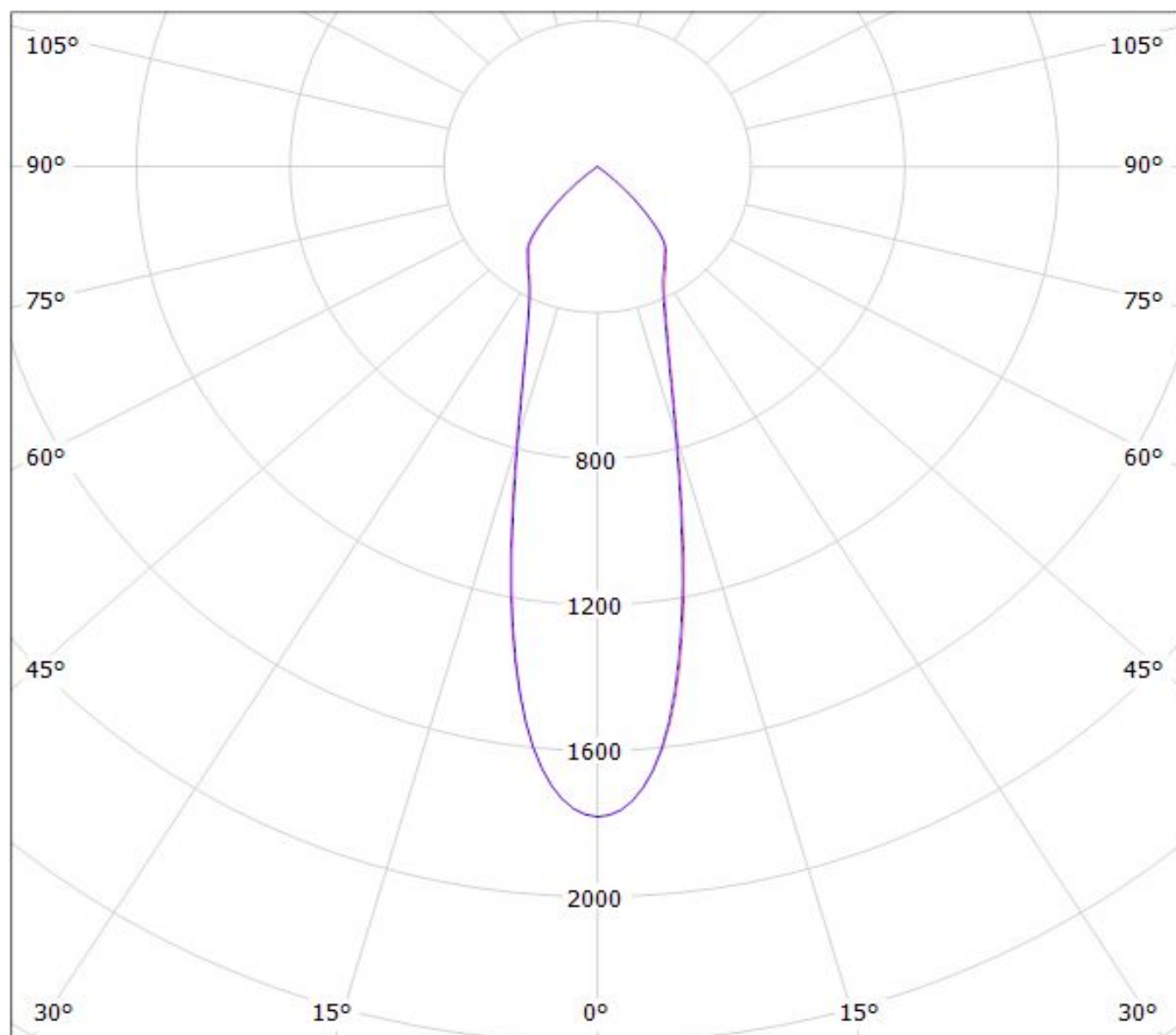
cd/klm

— C0 - C180 — C90 - C270

$\eta = 94\%$

Luminaire: LEDiL Oy F13659_ANGELINA-S-B_(SLE G4 LES23)

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



cd/klm

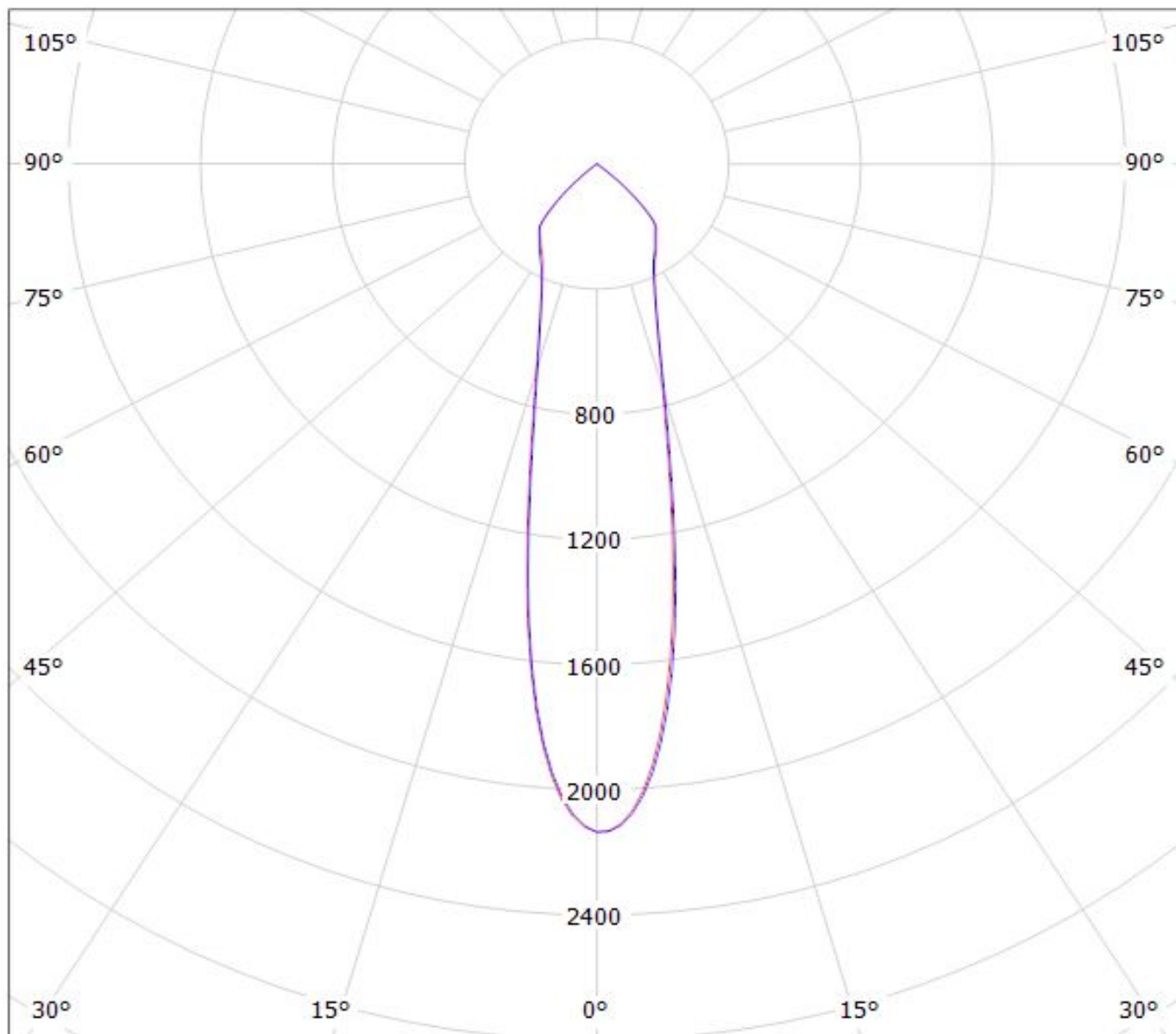
— C0 - C180

— C90 - C270

$\eta = 92\%$

Luminaire: LEDiL Oy F13659_ANGELINA-S-B_(SLE GEN4 LES19)

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



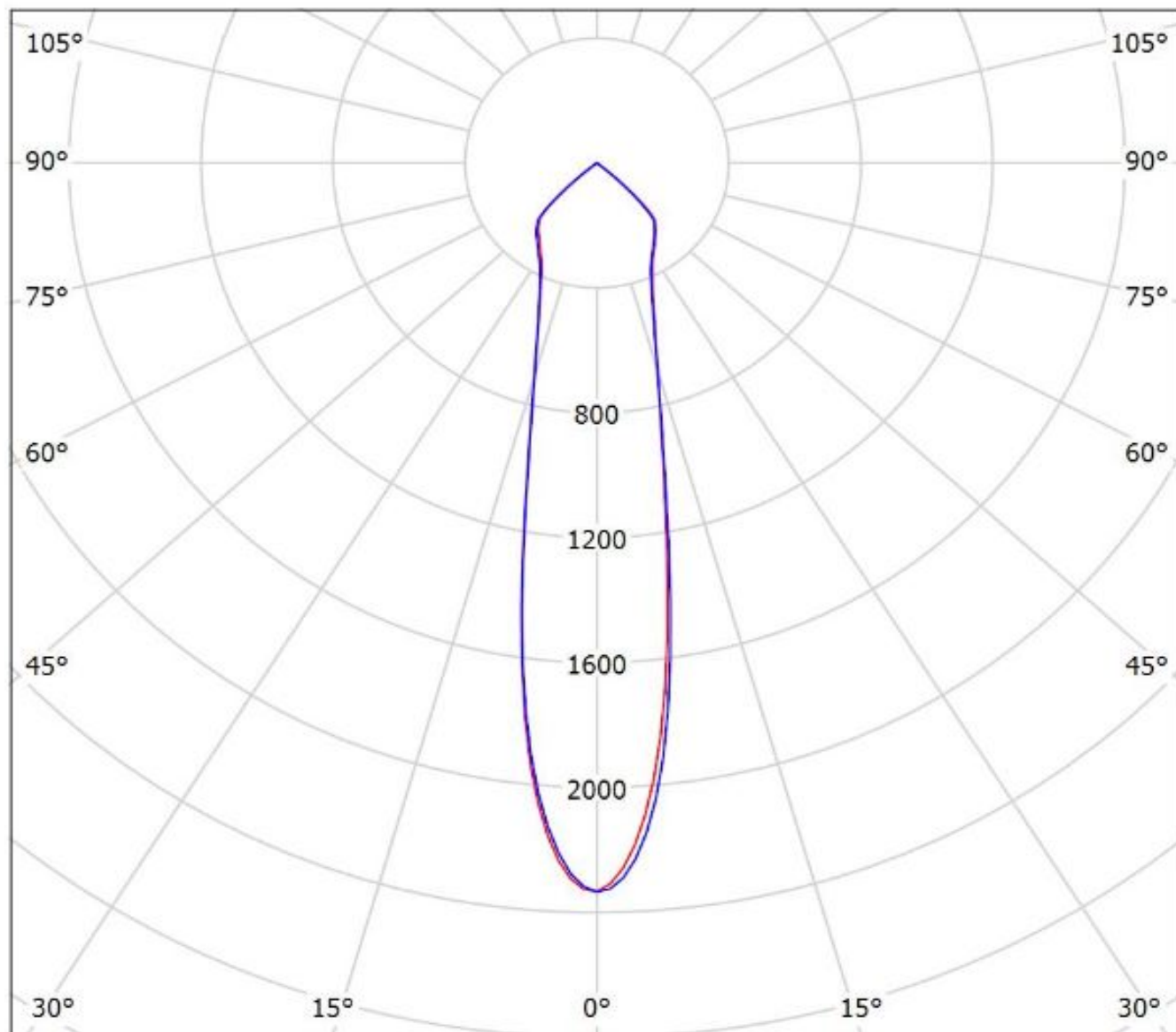
cd/klm

— C0 - C180

— C90 - C270

$\eta = 92\%$

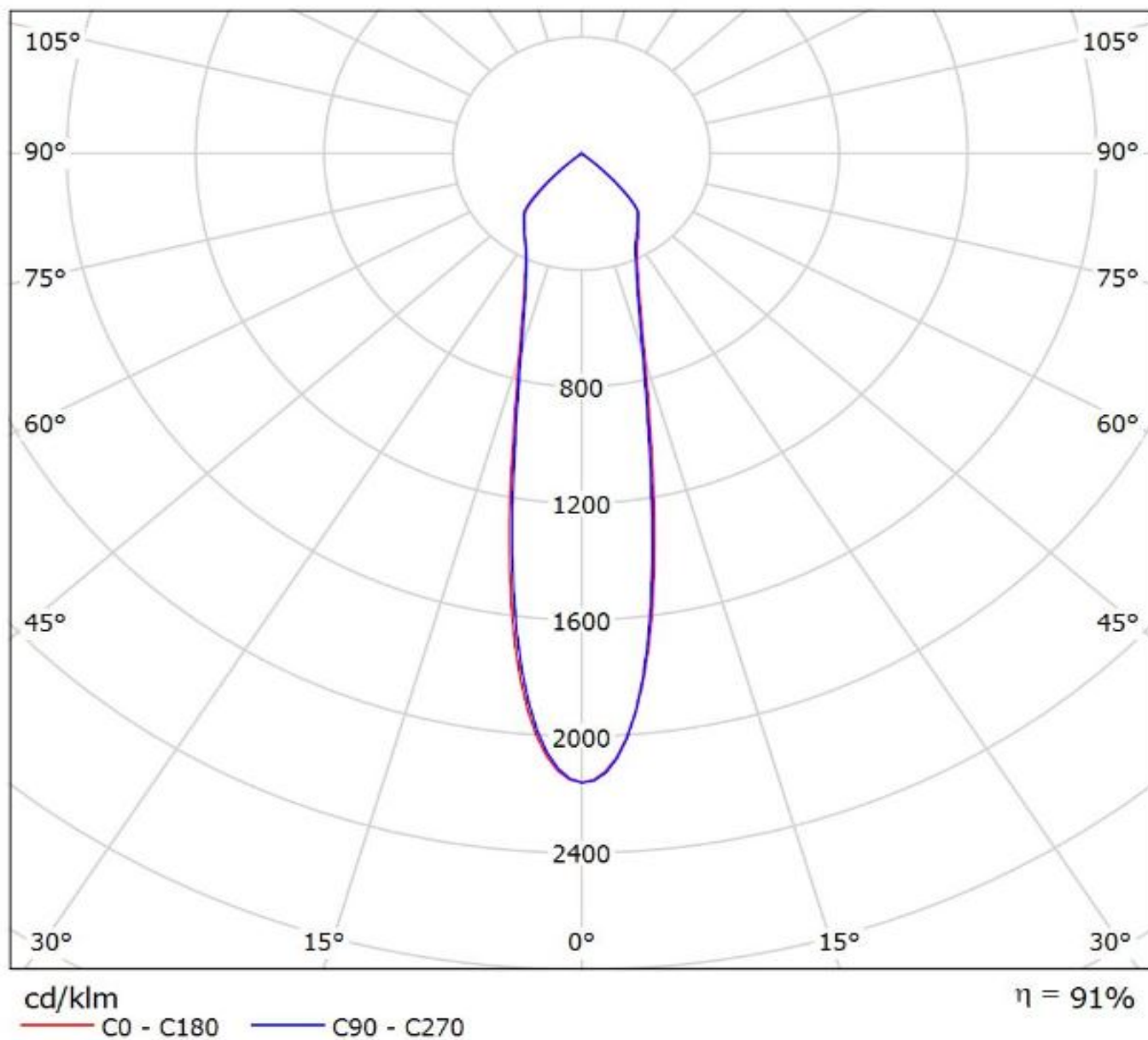
Luminaire: LEDiL Oy F13659_ANGELINA-S-B_(SLE-G5_LES-15)
Lamps: 1 x Tridonic_SLE-G5_LES-15_1272.36lm@250mA_P=8.6660W_I=0.250A



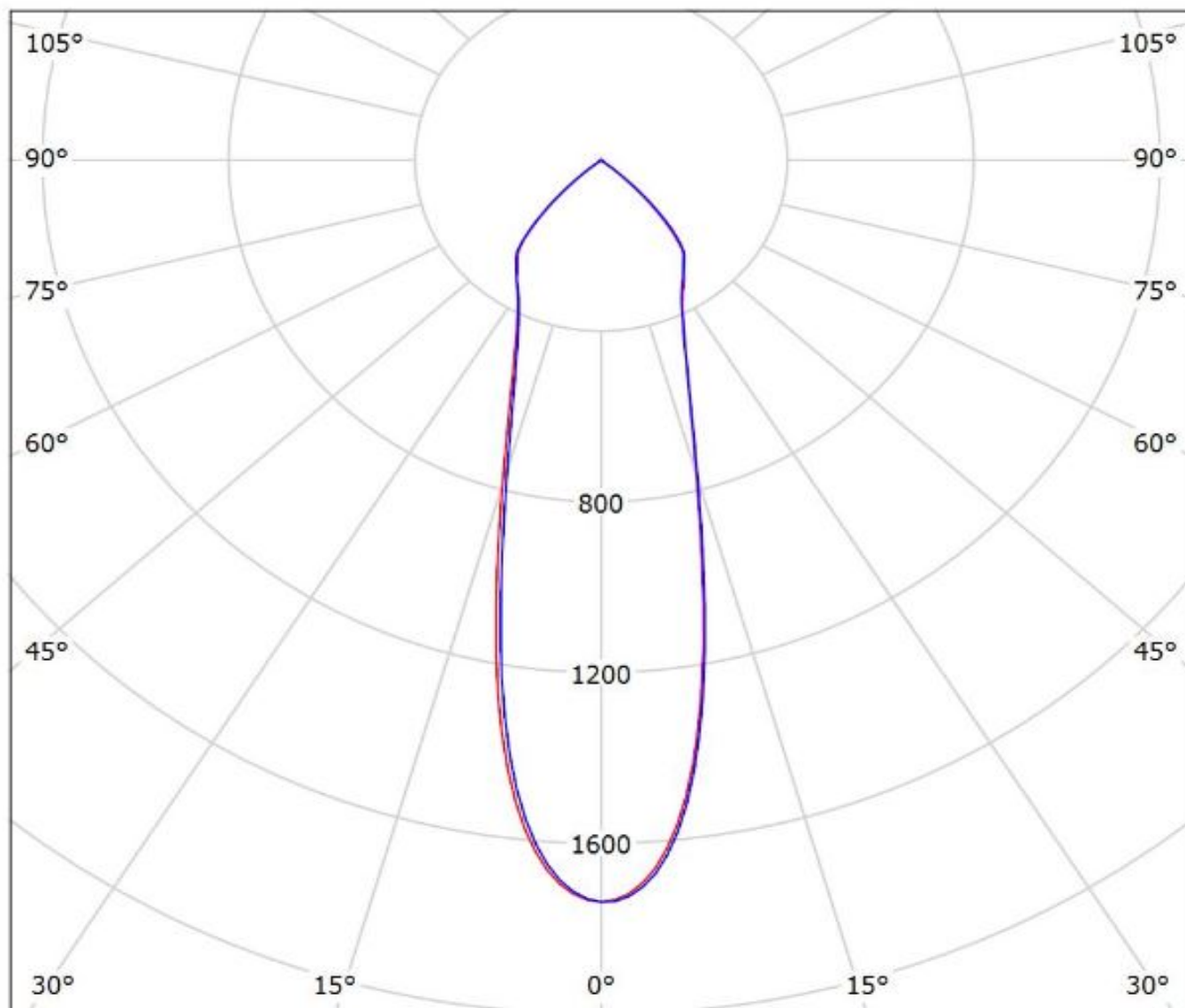
cd/klm
— C0 - C180 — C90 - C270

$\eta = 93\%$

Luminaire: LEDiL Oy F13659_ANGELINA-S-B_(SLE-G5_LES-19)
Lamps: 1 x Tridonic_SLE-G5_LES-19_1334.47lm@250mA_P=8.2224W_I=0.250A



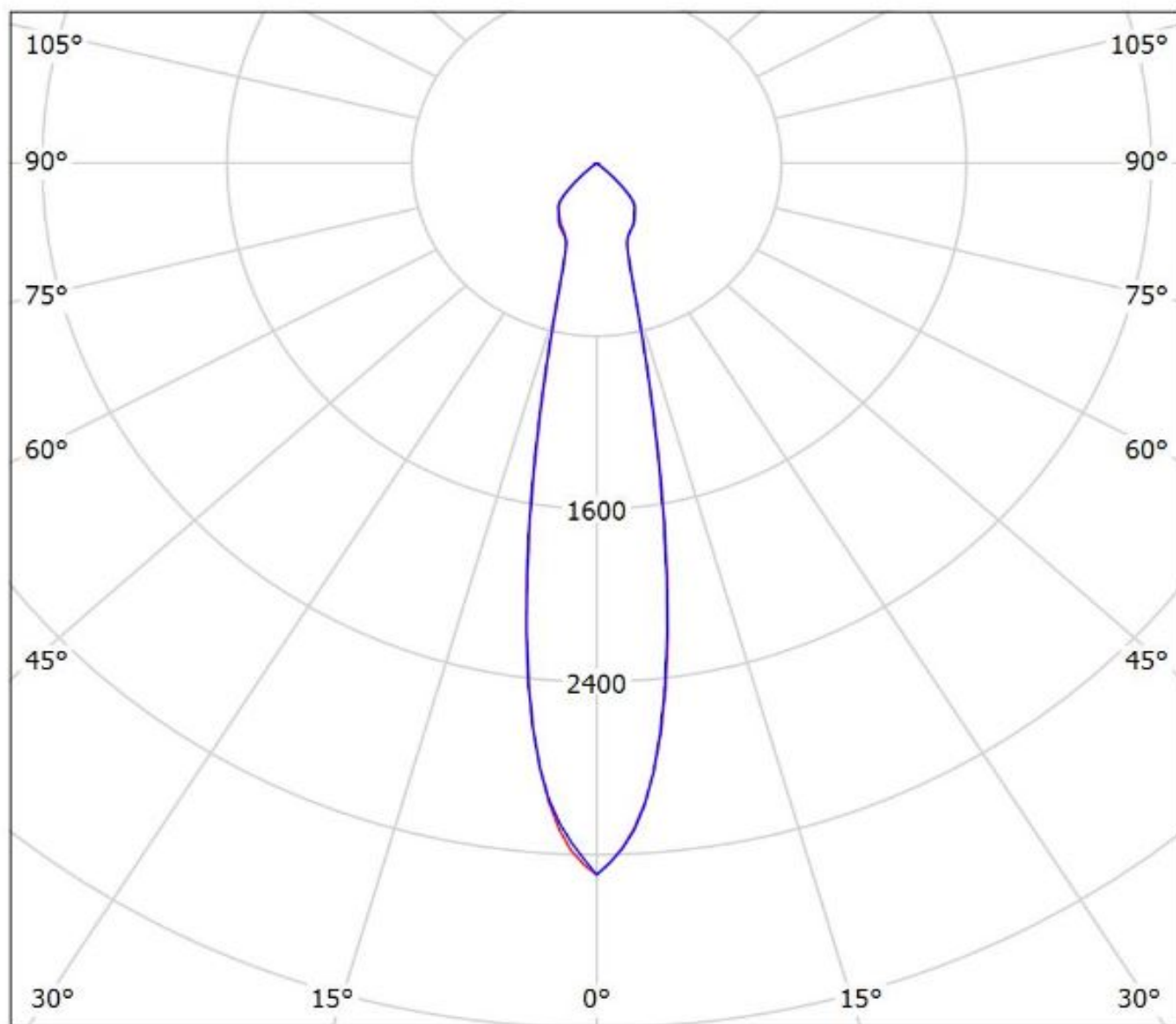
Luminaire: LEDiL Oy F13659_ANGELINA-S-B_(SLE-G5_LES-23)
Lamps: 1 x Tridonic_SLE-G5_LES-23_1371.74lm@250mA_P=8.1065W_I=0.250A



cd/klm
— C0 - C180 — C90 - C270

$\eta = 92\%$

Luminaire: Ledil Oy F13659_ANGELINA-S-B_TRIDONIC_SLE_G6_LES19_H_SIMULATED
Lamps: 1 x TRIDONIC SLE G6 LES19 H



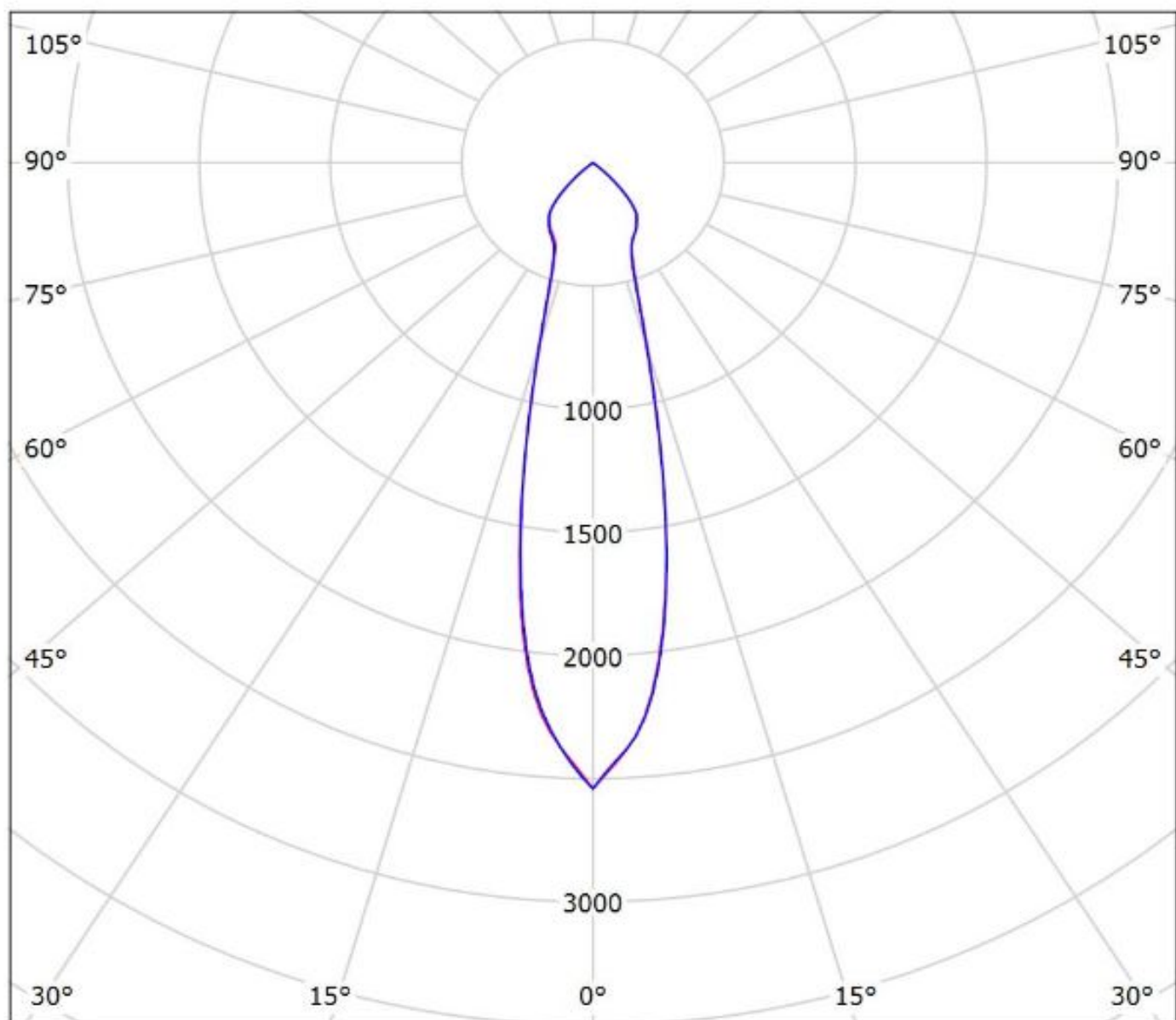
cd/klm

— C0 - C180

— C90 - C270

$\eta = 91\%$

Luminaire: Ledil Oy F13659_ANGELINA-S-B_TRIDONIC_SLE_G6_LES23_H_SIMULATED
Lamps: 1 x TRIDONIC SLE G6 LES23 H

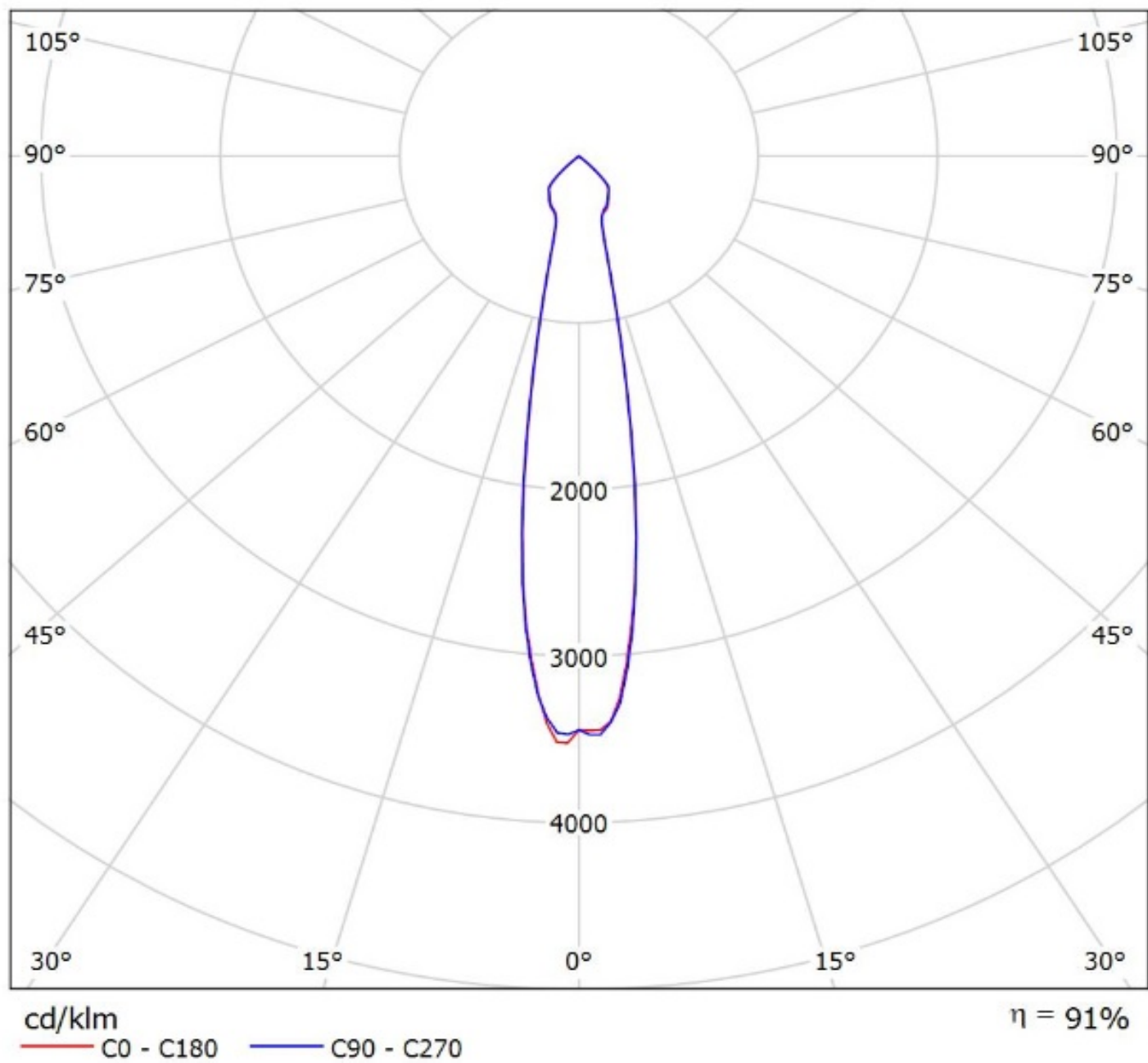


cd/klm

— C0 - C180 — C90 - C270

$\eta = 91\%$

Luminaire: Ledil Oy F13659_ANGELINA-S-B_(SLE_G6_LES17_H)_SIMULATED
Lamps: 1 x Tridonic SLE G6 LES17 H



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.