

DETAILS

Product Number	F13662_ANGELA-S-B
Family	ANGELA
Type	Reflector
Color	metal
Diameter	119,5 mm
Height	74,5 mm
Style	round
Optic Material	PC
Holder Material	
Fastening	
Status	production ready
ROHS Compliant	Yes
Date Updated	12/04/2017



OPTICAL PROPERTIES

LED	Viewing Angle	Light Beam	Efficiency	cd/lm	Connector
BXRA ES Rectangle	8 deg	Spot	94 %	20.740	BJB: 47.319.2040
V18 Gen6	12 deg	Spot	89 %	10.000	BJB: 47.319.2274
V15 Gen6	11 deg	Spot	89 %	13.000	BJB: 47.319.2224
V18 Gen7	12 deg	Spot	91 %	10.200	BJB: 47.319.2350
CLL03x/CLU03x	9 deg	Spot	94 %	18.300	BJB: 47.319.2021
CLL04x/CLU04x	15 deg	Spot	92 %	7.300	BJB: 47.319.2030
CLL03x/CLU03x	10 deg	Spot	93 %	15.400	A.A.G. STUCCHI: 8101/G2
CLL04x/CLU04x	15 deg	Spot	92 %	6.900	A.A.G. STUCCHI: 8102/G2
CLU730/731	sim: 8.5	Spot	sim: 92 %	sim: 22.200	BJB: 47.319.2030
CLU720/721	7 deg	Spot	94 %	25.300	BJB: 47.319.2021
CLU720/721	7 deg	Spot	94 %	25.000	A.A.G. STUCCHI: 8101/G2
CLL03x/CLU03x	sim: 9,3	Spot	sim: 94 %	sim: 19.200	BJB: 47.319.2021
CLL04x/CLU04x	sim: 14	Spot	sim: 93 %	sim: 8.000	BJB: 47.319.2030
CXA/B 30xx	15 deg	Spot	91 %	7.200	A.A.G. STUCCHI: 8404/G2
CXA/B 25xx	11 deg	Spot	92 %	11.590	A.A.G. STUCCHI: 8401/G2
CXA/B 25xx	13 deg	Spot	89 %	9.300	BJB: 47.319.2141
COB 10W/13W/17W/24W	8 deg	Spot	94 %	16.200	BJB: 47.319.2080
COB 10W/13W/17W/24W	9 deg	Spot	93 %	19.240	A.A.G. STUCCHI: 8600/G2
COB 40W/60W	15 deg	Spot	91 %	6.760	A.A.G. STUCCHI: 8102/G2
LUXEON K12	9 deg	Spot	94 %	17.300	BJB: 47.319.2070
LUXEON K16	11 deg	Spot	94 %	13.600	BJB: 47.319.2070
LUXEON CoB 1208	10 deg	Spot	94 %	14.800	A.A.G. STUCCHI: 8301/G2
LUXEON CoB 1204/1205	9 deg	Spot	93 %	19.200	A.A.G. STUCCHI: 8301/G2
LUXEON CoB 1211	13 deg	Spot	91 %	9.500	A.A.G. STUCCHI: 8102/G2
LUXEON CoB 1211	13 deg	Spot	90 %	9.400	BJB: 47.319.2030

OPTICAL PROPERTIES

LED	Viewing Angle	Light Beam	Efficiency	cd/lm	Connector
LUXEON CoB 1216	15 deg	Spot	89 %	6.620	BJB: 47.319.2030
CXM-14	9 deg	Spot	93 %	16.300	BJB: 47.319.2021
Soleriq E30	12 deg	Spot	91 %	9.400	BJB: 47.319.2090
Soleriq S13	8 deg	Spot	94 %	21.570	A.A.G. STUCCHI: 8502/G2
Soleriq S19	11 deg	Spot	93 %	13.050	BJB: 47.319.2170
Soleriq P13	9.2 deg	Spot	93 %	18.050	A.A.G. STUCCHI: 8502/G2
Soleriq S13 Gen2	8.5 deg	Spot	89 %	19.700	BJB: 47.319.2021
Soleriq S15	sim: 10	Spot	sim: 90 %	sim: 14.600	BJB: 47.319.2021
COB D Series LES 22 mm	sim: 17	Spot	sim: 87 %	sim: 5.750	BJB: 47.319.2030
COB D Series LES 14.5 mm	10 deg	Spot	91 %	15.150	A.A.G. STUCCHI: 8101/G2
COB D Series LES 14.5 mm	10 deg	Spot	91 %	15.150	BJB: 47.319.2021
ZC25/40	14 deg	Spot	93 %	7.700	BJB: 47.319.2030
ZC12/18	9 deg	Spot	93 %	18.400	A.A.G. STUCCHI: 8101/G2
ZC25/40	14 deg	Spot	91 %	7.700	A.A.G. STUCCHI: 8102/G2
Mega Zenigata (GW6DME)	10 deg	Spot	94 %	16.100	BJB: 47.319.2011
Mega Zenigata (GW6DME)	10 deg	Spot	94 %	15.500	A.A.G. STUCCHI: 8301/G2
STARK SLE PURE G3 LES17	10 deg	Spot	93 %	14.500	A.A.G. STUCCHI: 8101/G2
SLE G4 LES23 H	14 deg	Spot	94 %	8.200	-
SLE G4 LES19 H	11 deg	Spot	91 %	11.300	-
SLE G5 LES15	8,7 deg	Spot	92 %	19.200	BJB: 47.319.2021
SLE G5 LES19 H	11 deg	Spot	90 %	12.100	-
SLE G5 LES23 H	14 deg	Spot	90 %	7.900	-
SLE G6 LES19 H	sim: 13	Spot	sim: 89 %	sim: 8.400	-
SLE G6 LES23 H	sim: 16	Spot	sim: 88 %	sim: 6.270	-
SLE G6 LES17 H	sim: 12	Spot	sim: 88 %	sim: 10.700	-
SLE G6 LES15 H D50	sim: 9,7	Spot	sim: 89 %	sim: 14.300	-

D

C

B

A

4

4

LED position

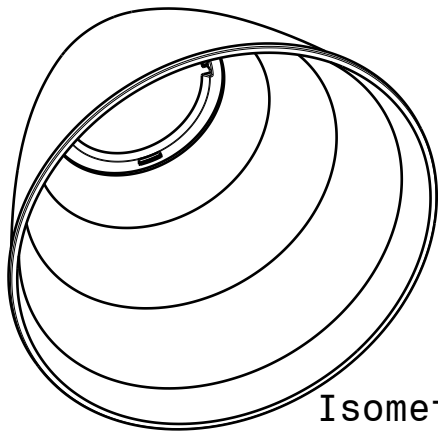
Ø 119.5

Ø 39

Bottom view
Scale: 1:2

3

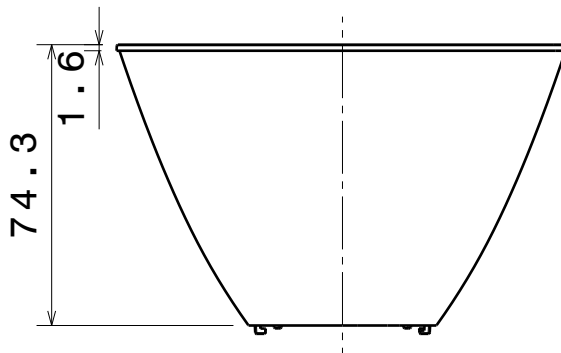
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Isometric view
Scale: 1:2

2

2



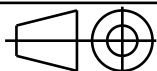
Front view
Scale: 1:2

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

Angela-B

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communicated without a written
agreement with LEDiL Oy."

SIZE PART NUMBER

A4

-

SCALE 1:2 WEIGHT

-

SHEET 1/1

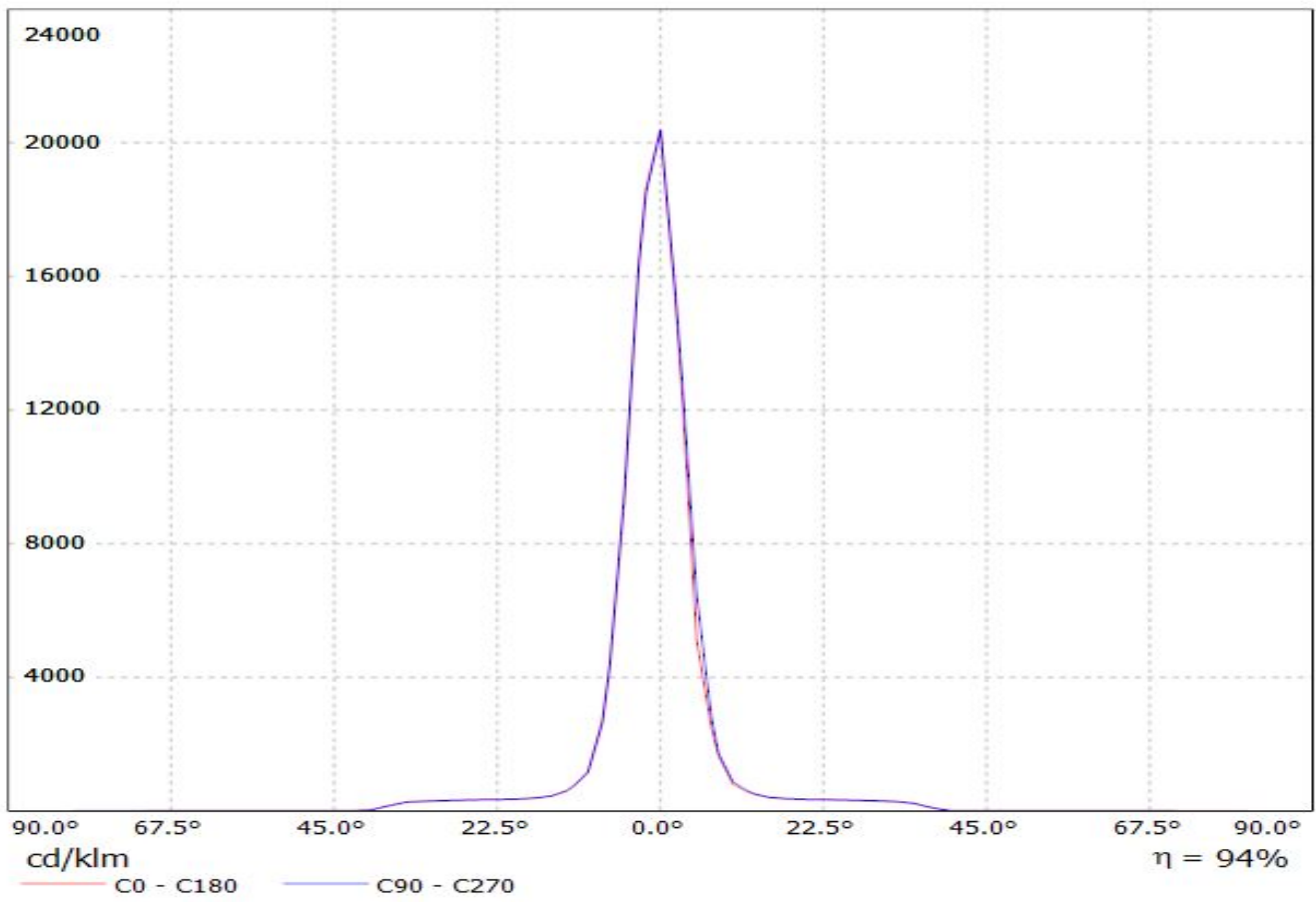
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A

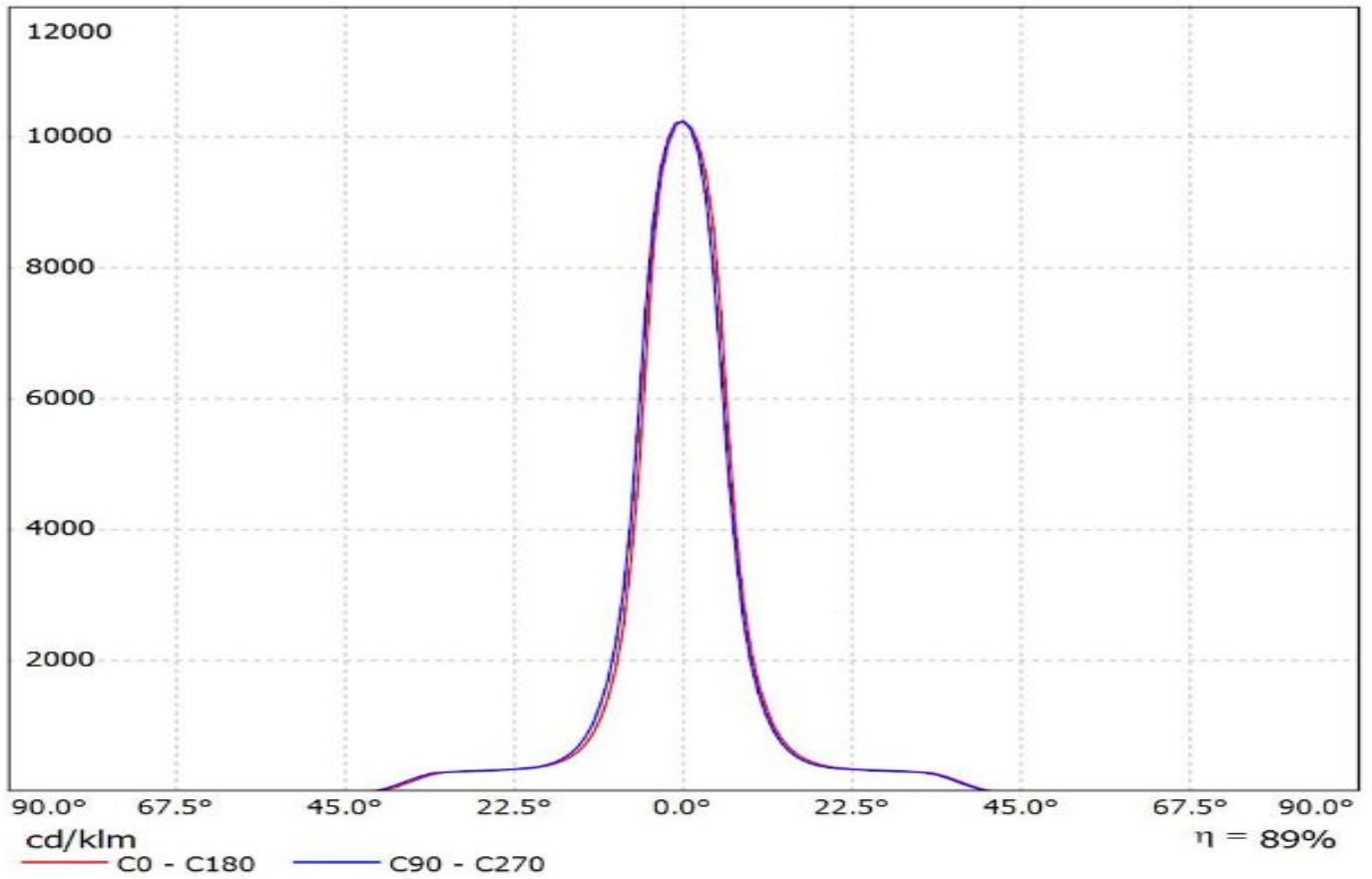
1

1

Luminaire: LEDiL Oy F13662_ANGELA-S-B_(BXRA_ES) Eff.93.7%
Lamps: 1 x Bridgelux_BXRA_ES_287.055lm@250mA_P=4.09486W_I=249.9mA

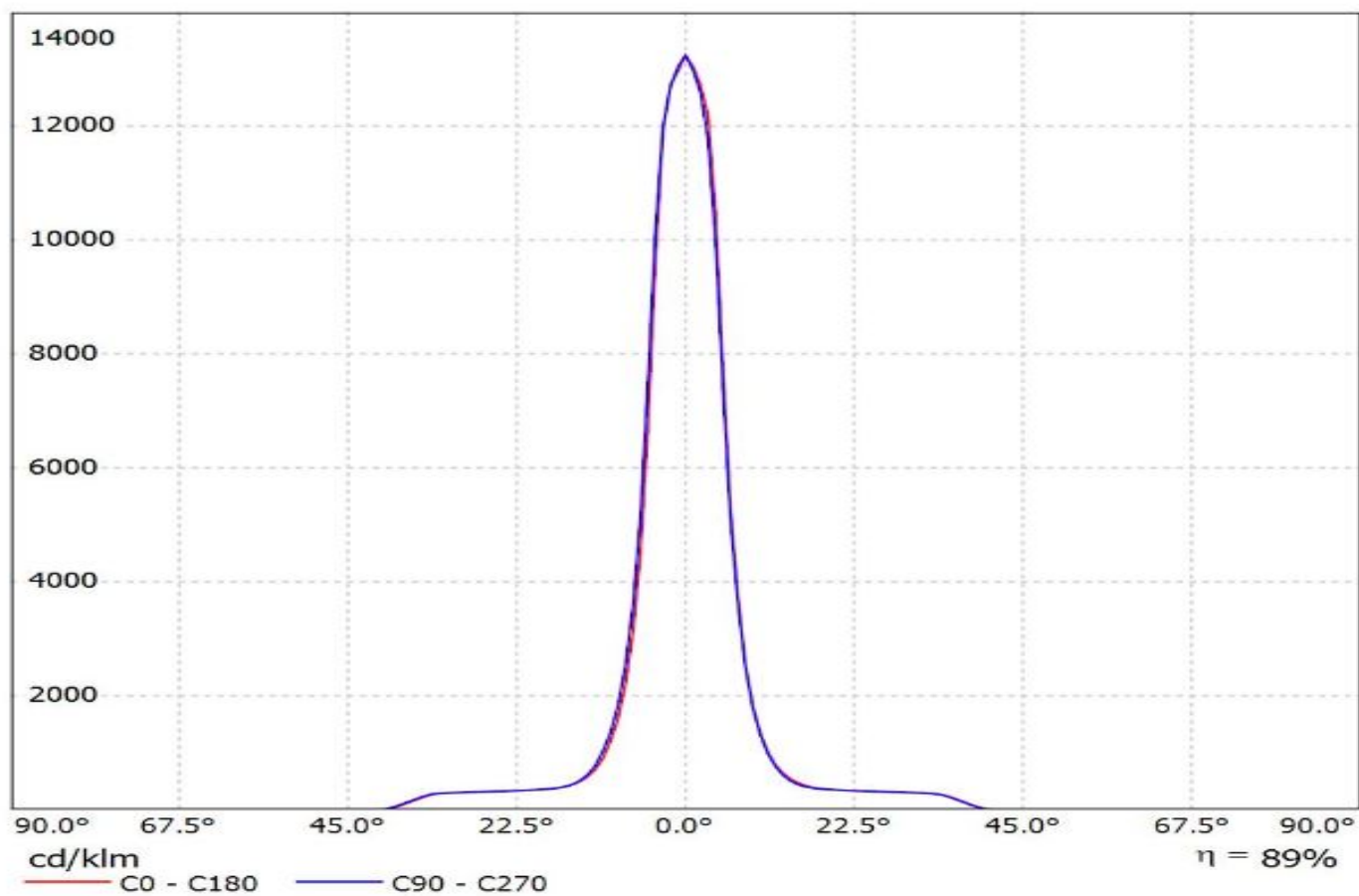


Luminaire: Ledil F13662_ANGELA-S-B_(V18+BJB)
Lamps: 1 x Bridgelux_V18_(BXRC-30E4000-F-23)
_+47.319.2274_1094.62lm@250mA_CCT=3000K_P=6.875W_I=0.25A



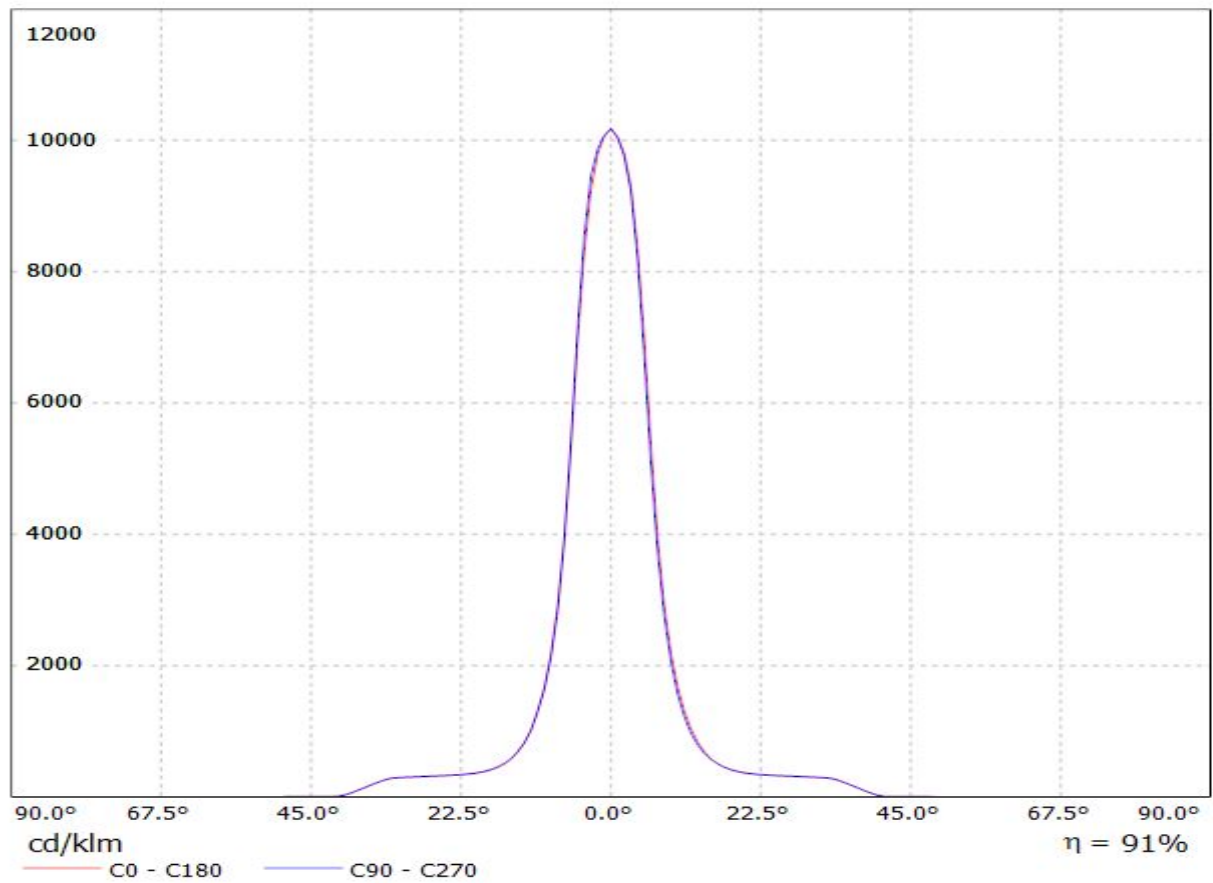
Luminaire: Ledil F13662_ANGELA-S-B (V15+BJB)

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



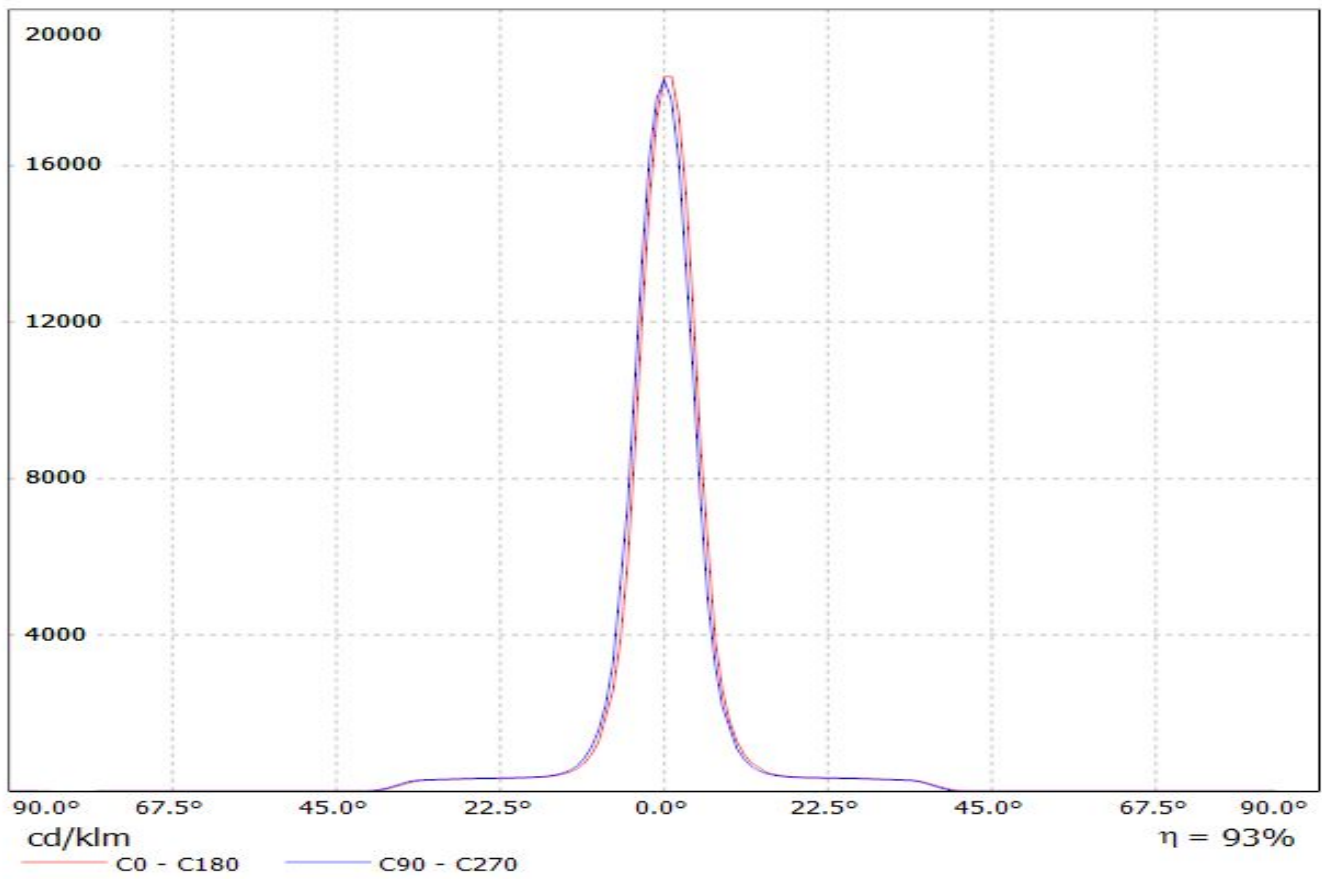
Luminaire: LEDiL Oy F13662_ANGELA-S-B_(V18_Gen7)+BJB

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

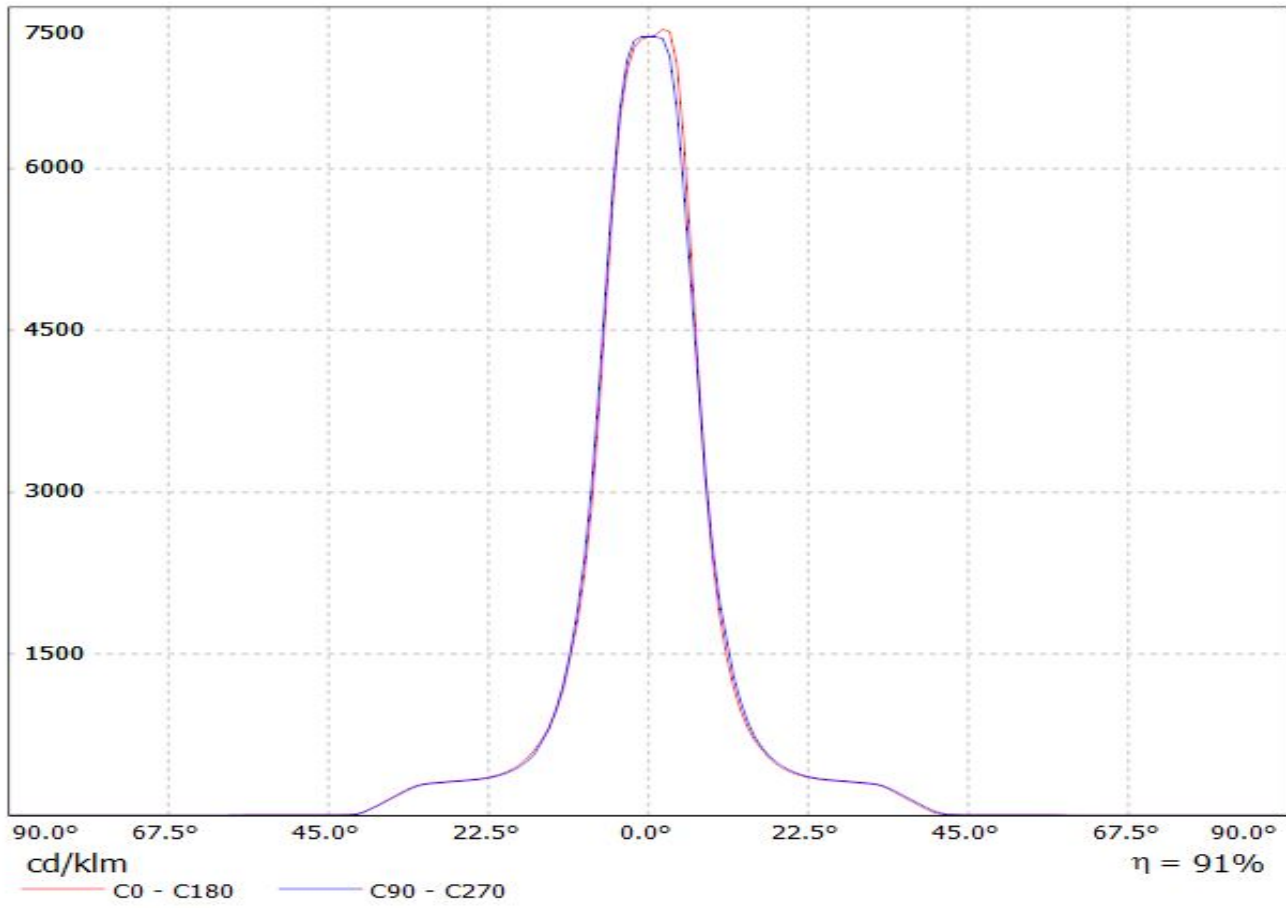


Luminaire: LEDiL Oy F13662_ANGELA-S-B_(CLL030)

Lamps: 1 x CITIZEN_CLL030_(CLL030-1206A1-303M1A2)_1046.22lm@250mA_P=8.46761W_I=249.9mA

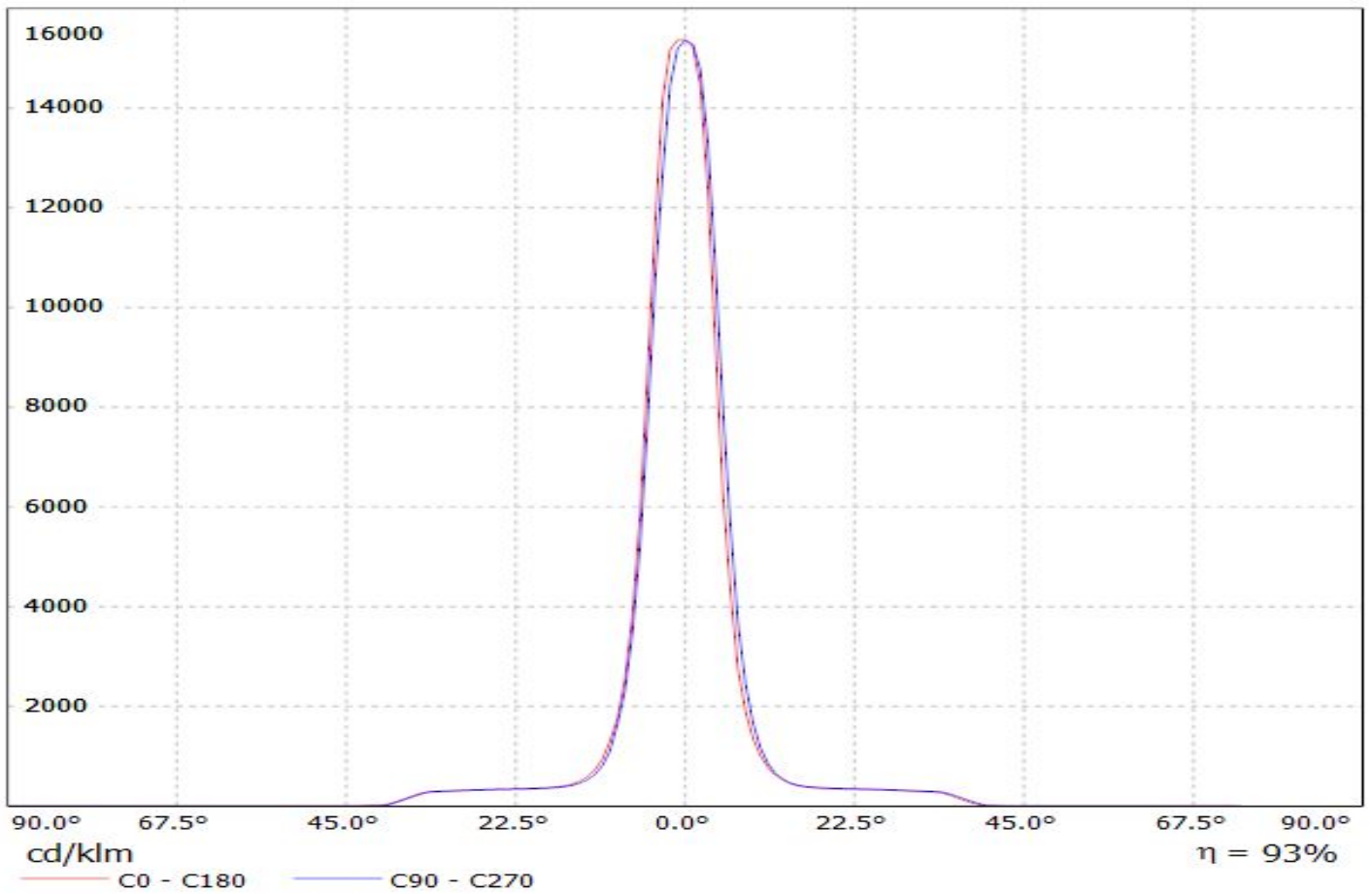


Luminaire: LEDiL Oy F13662_ANGELA-S-B_(CLL040) Eff.91.6%
Lamps: 1 x Citizen_CLL040_1011.32lm@250mA_P=8.24545W_I=249.9mA



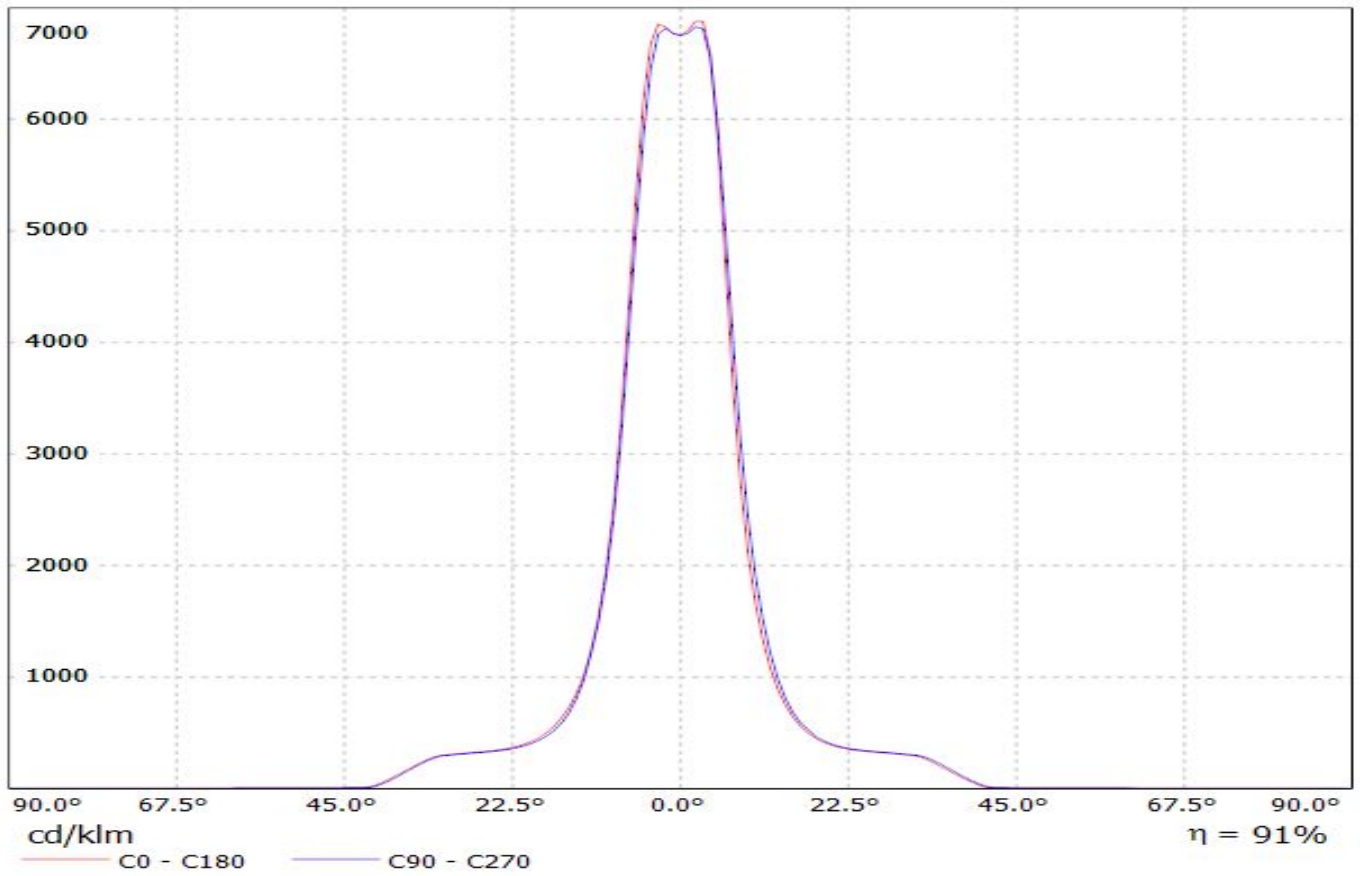
Luminaire: LEDiL Oy F13662_ANGELA-S-B_(CLU034)

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



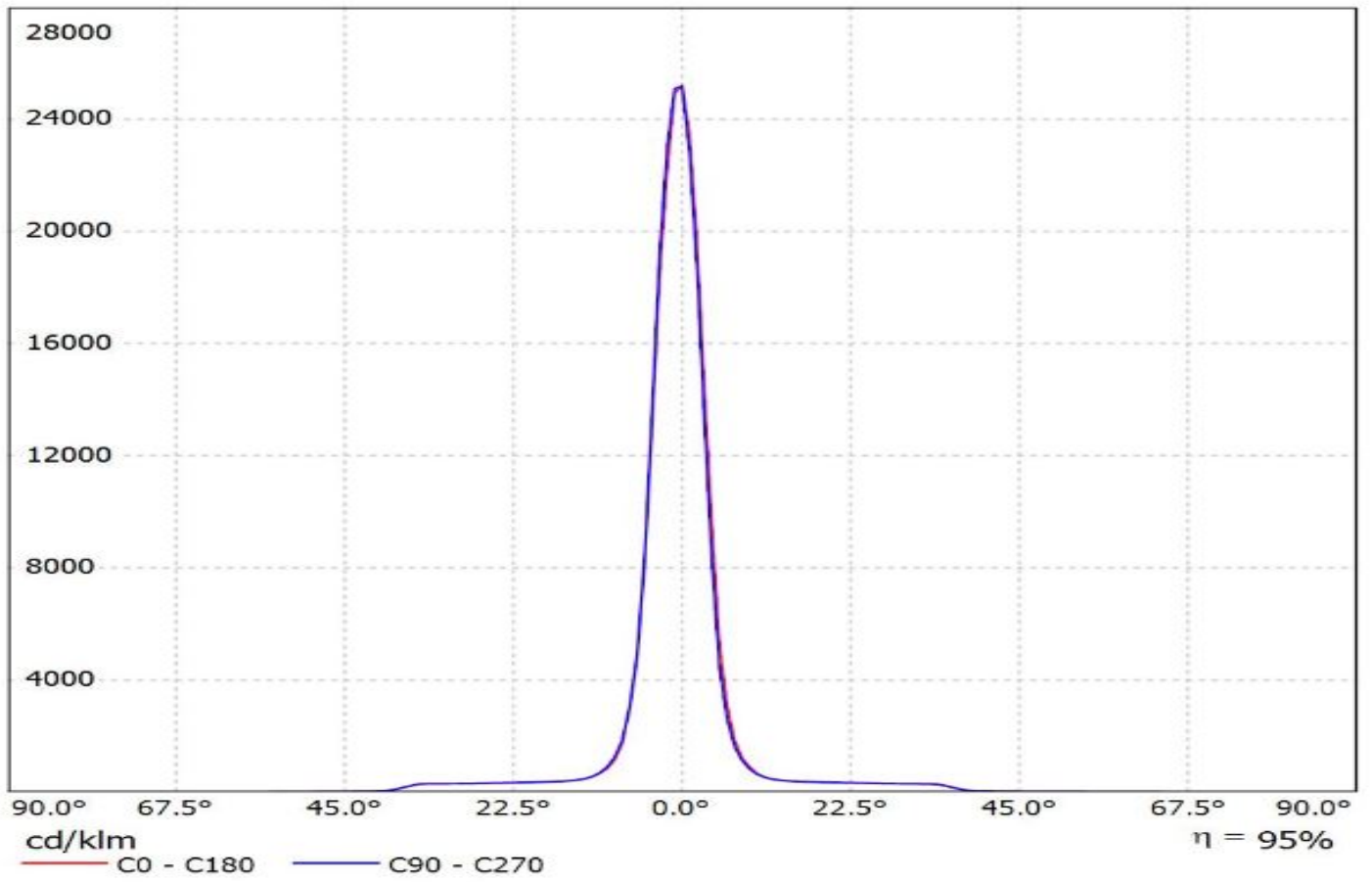
Luminaire: LEDiL Oy F13662_ANGELA-S-B_(CLU044)

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

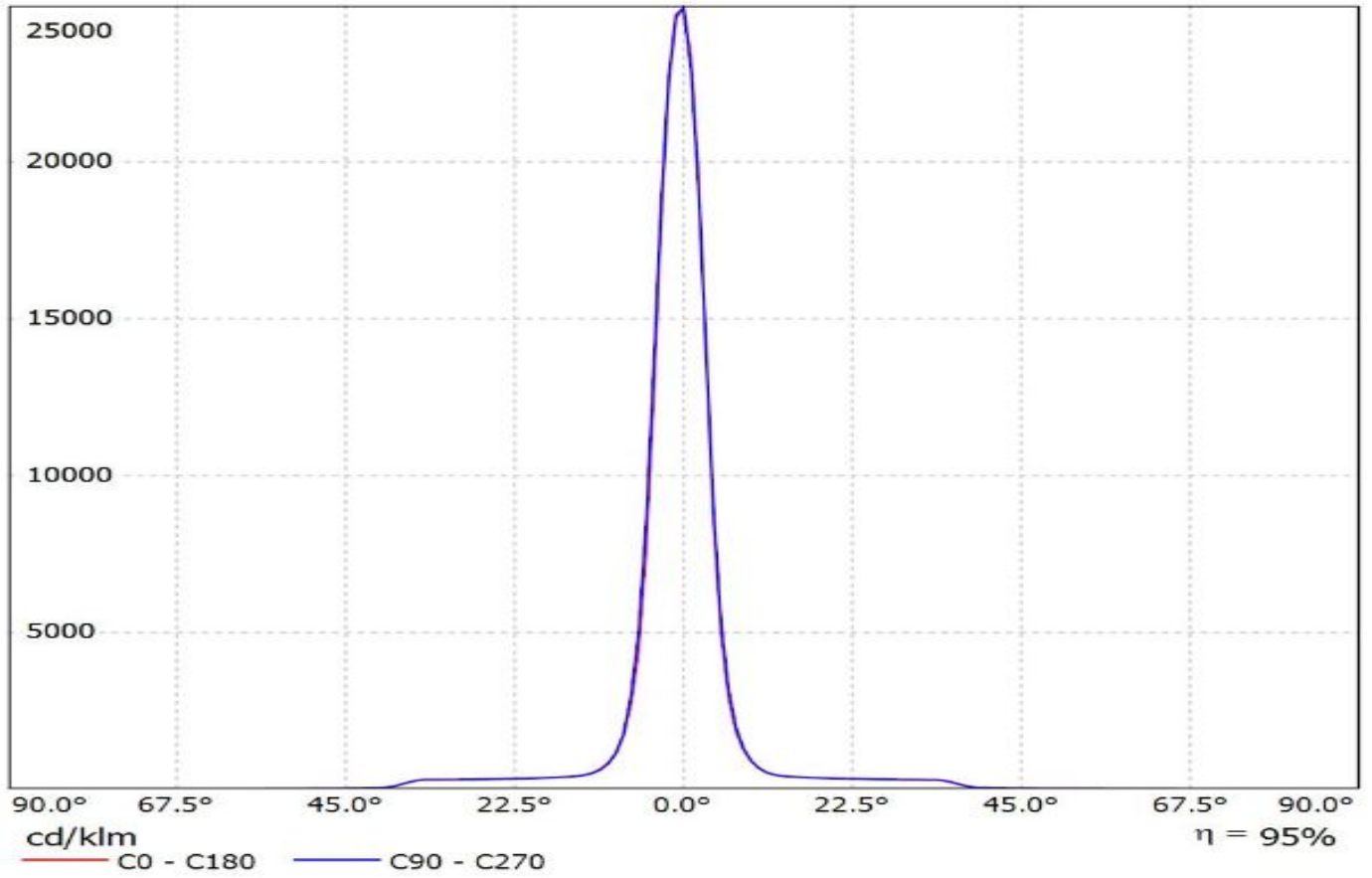


Luminaire: Ledil F13662_ANGELA-S-B_(CITIZEN_CLU720)

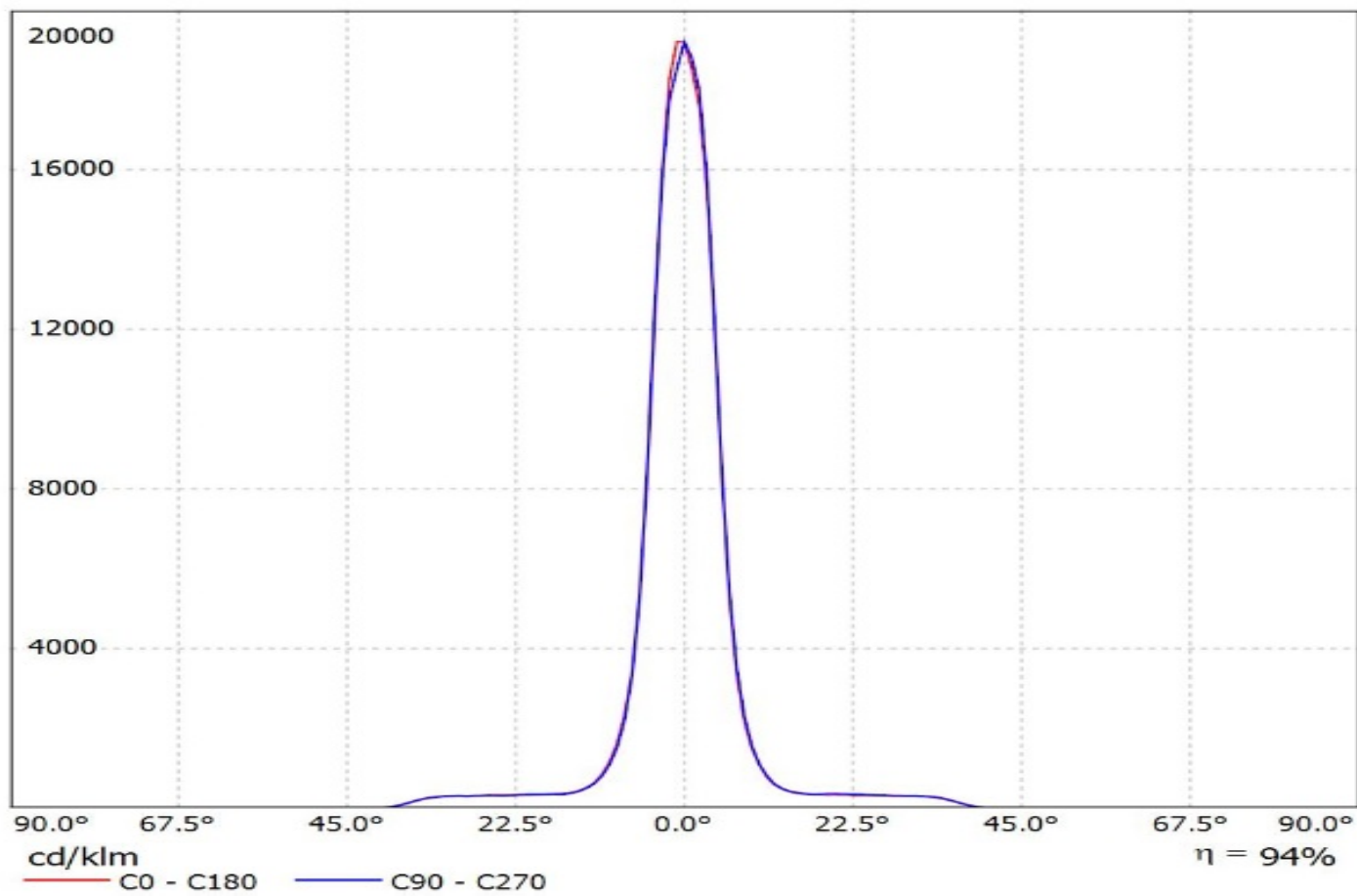
Lamps: 1 x CITIZEN_CLU720_(BJB: 47.319.2020)_1316.23lm@250mA_CCT=2700K_P=8.35W_I=0.25A



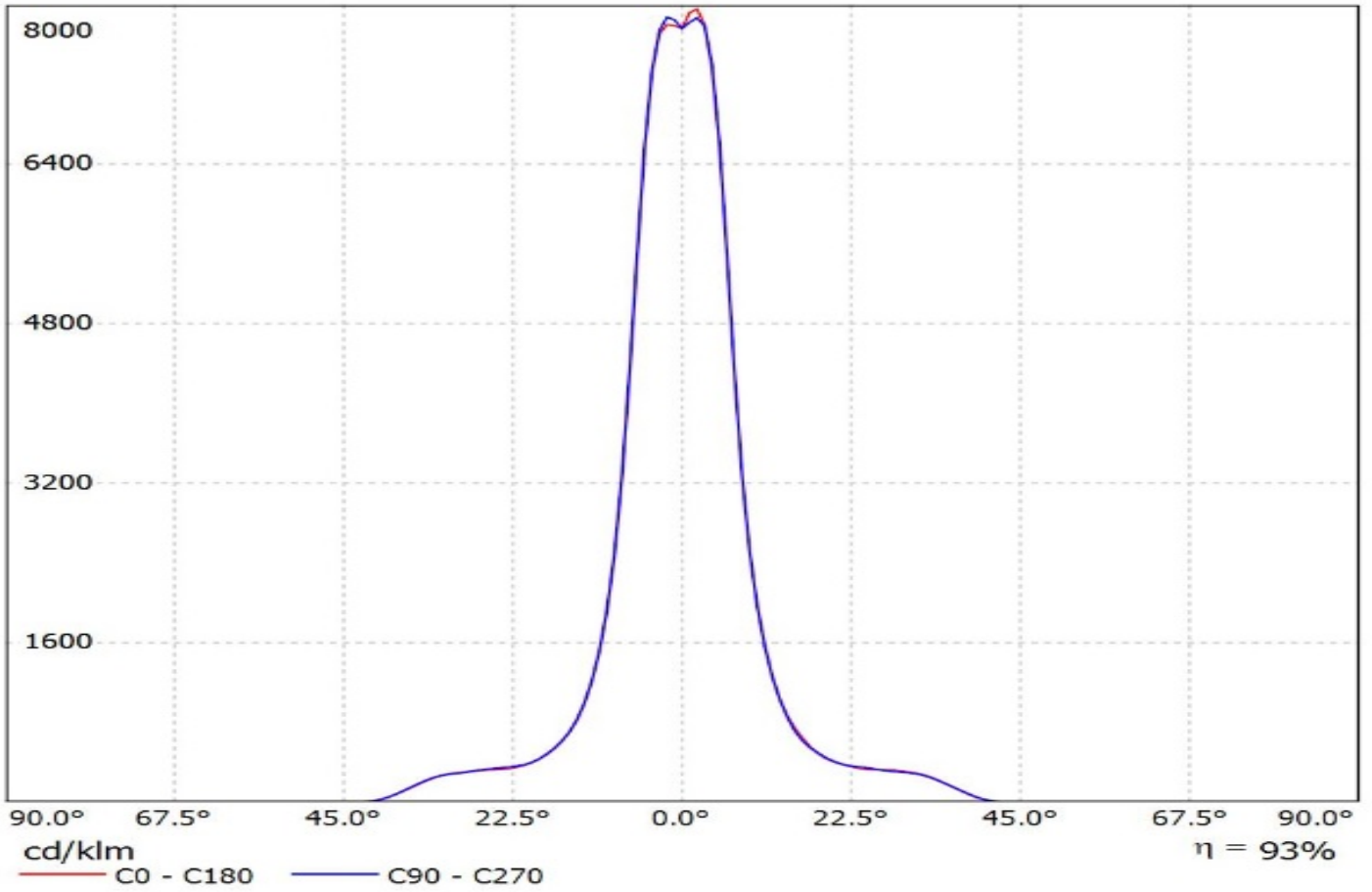
Luminaire: Ledil F13662_ANGELA-S-B_(CITIZEN_CLU720)
Lamps: 1 x CITIZEN_CLU720_(CLU720-1206B8-273M2)
_1320.42lm@250mA_CCT=2700K_P=8.35W_I=0.25A



Luminaire: Ledil Oy F13662_ANGELA-S-B_(CLU038)_(47_319_2021)_SIMULATED
Lamps: 1 x Citizen CLU038-1210C4-303M2K1 + BJB 47.319.2021 connector

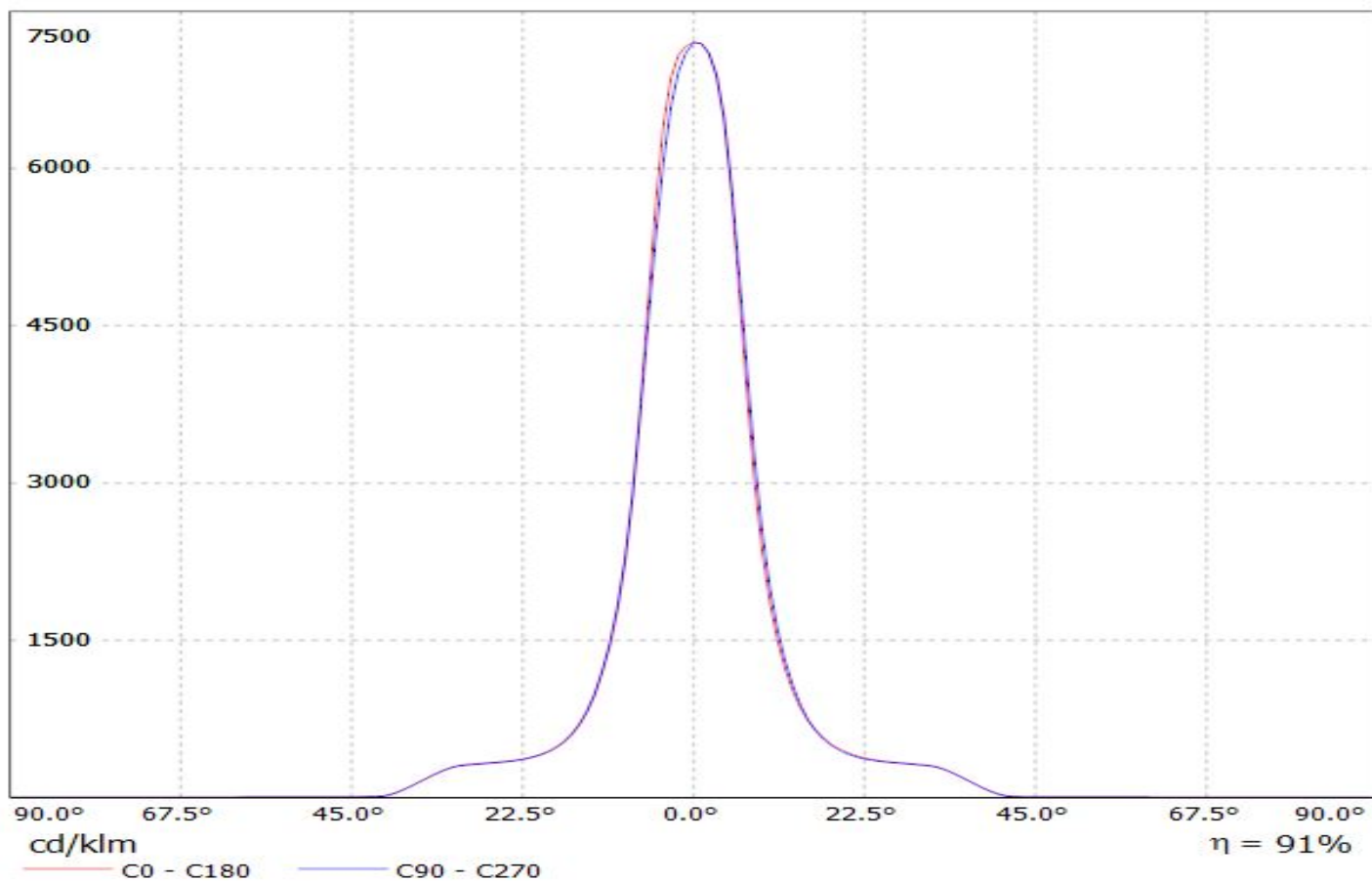


Luminaire: Ledil Oy F13662_ANGELA-S-B_(CLU048)_(47_319_2030)_SIMULATED
Lamps: 1 x Citizen CLU048-1818C4-303M2K1 + BJB 47.319.2030

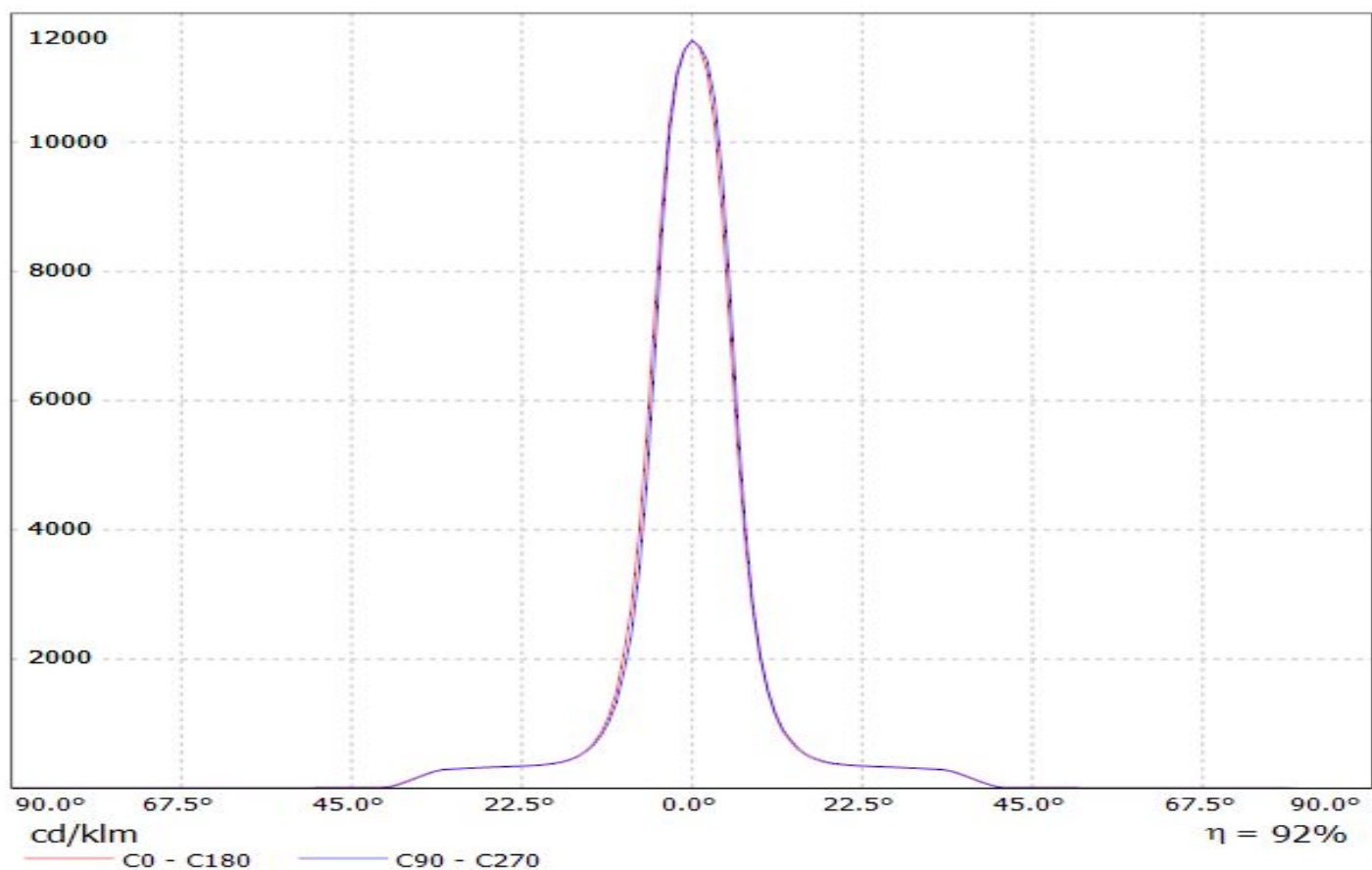


Luminaire: LEDiL Oy F13662_ANGELA-S-B_(CXA30)

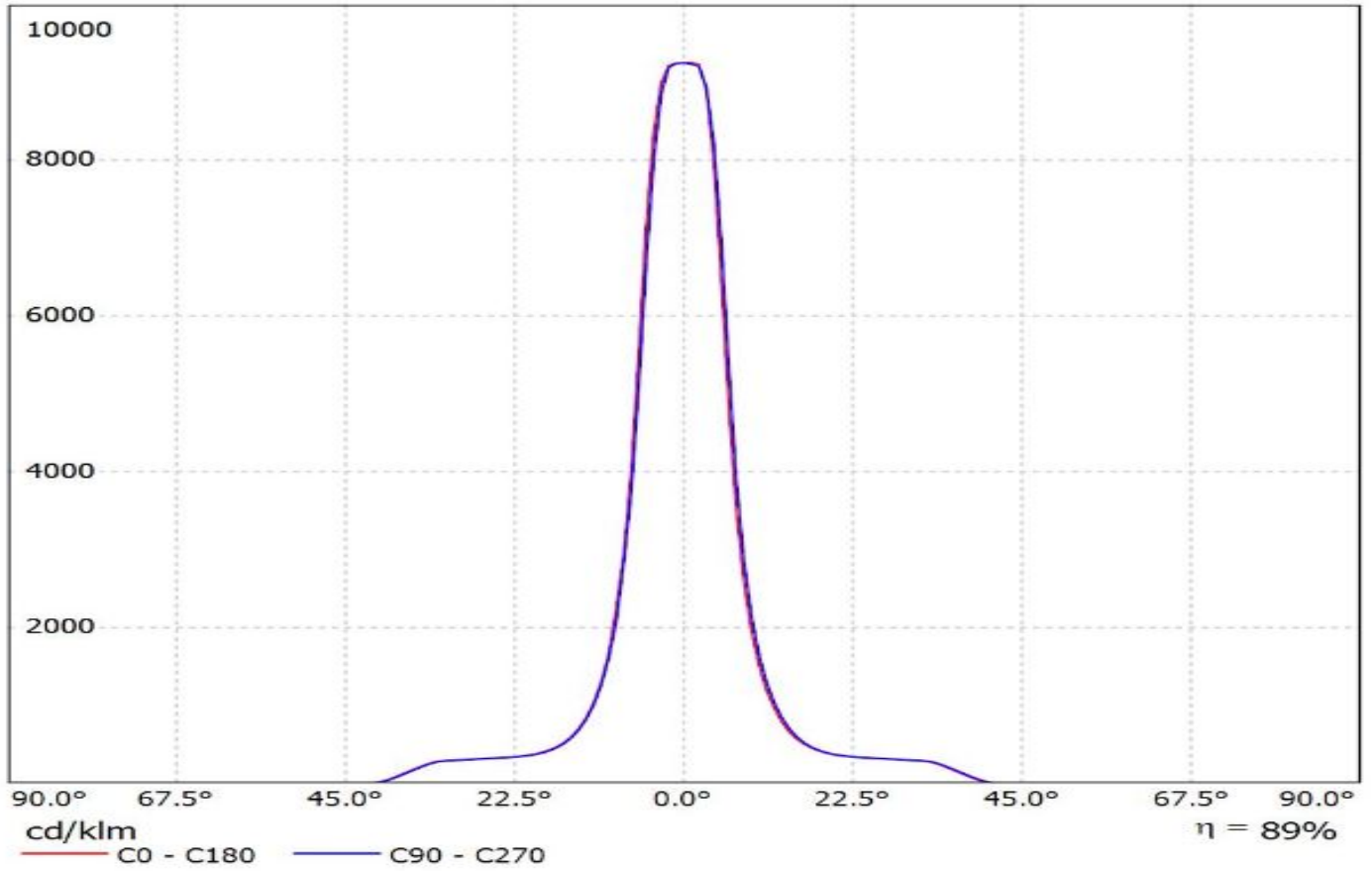
Lamps: 1 x Cree_CXA30_(CXA3050-3C0-Y2-N0H)_1395.36lm@250mA_P=8.20318W_I=249.8mA



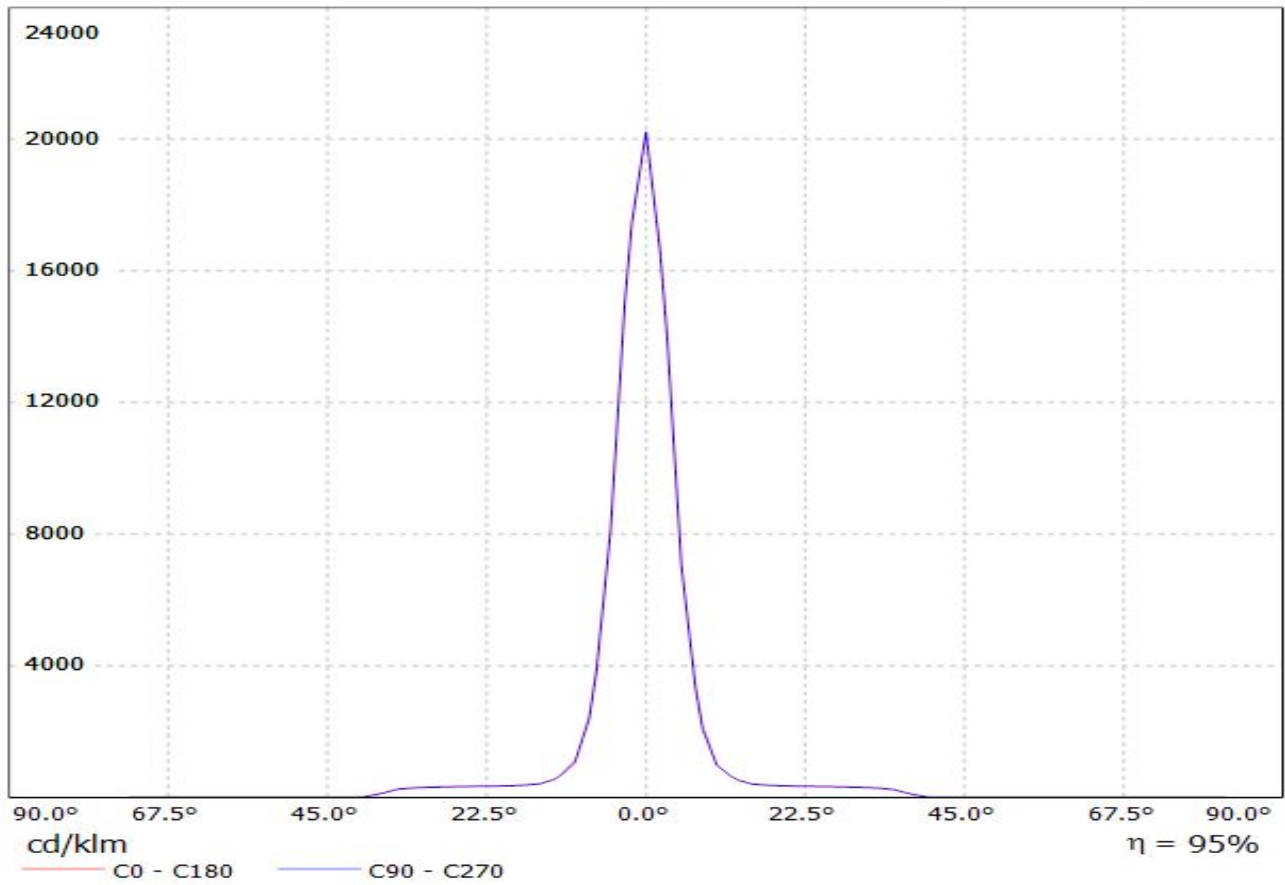
Luminaire: LEDiL Oy F13662_ANGELA-S-B_(CXA2590)
Lamps: 1 x CREE_CXA2590_(CXA2590-30F-Z4-RPH-00001)
_837.275lm@100mA_CCT=3000K_P=6.36316W_I=100.1mA



Luminaire: Ledil F13662_ANGELA-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

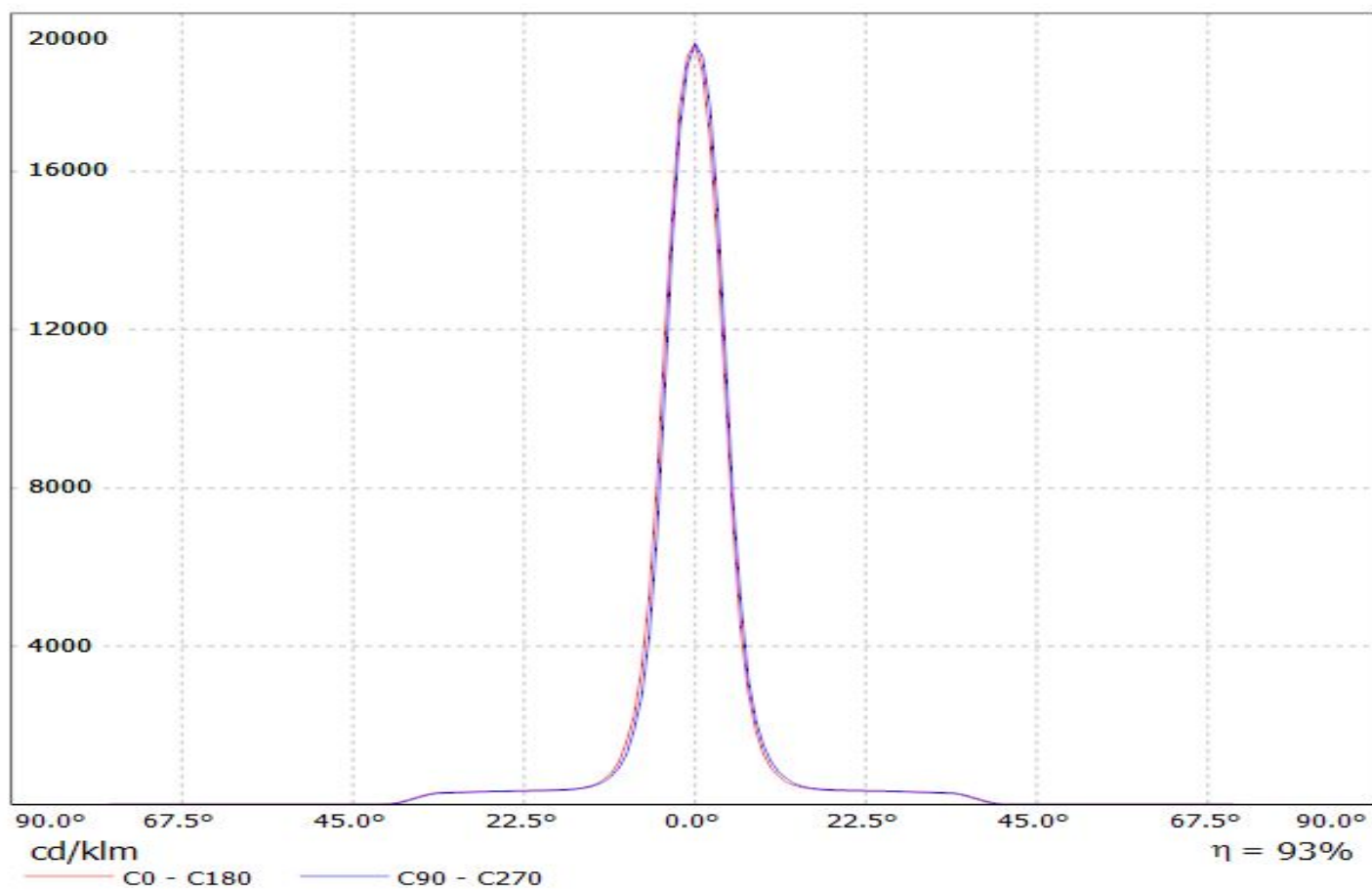


Luminaire: LEDiL Oy F13662_ANGELA-S-B_(COB-10W)
Lamps: 1 x LG_COB-10W_1065.13lm@250mA_P=9.09921W_I=249.8mA



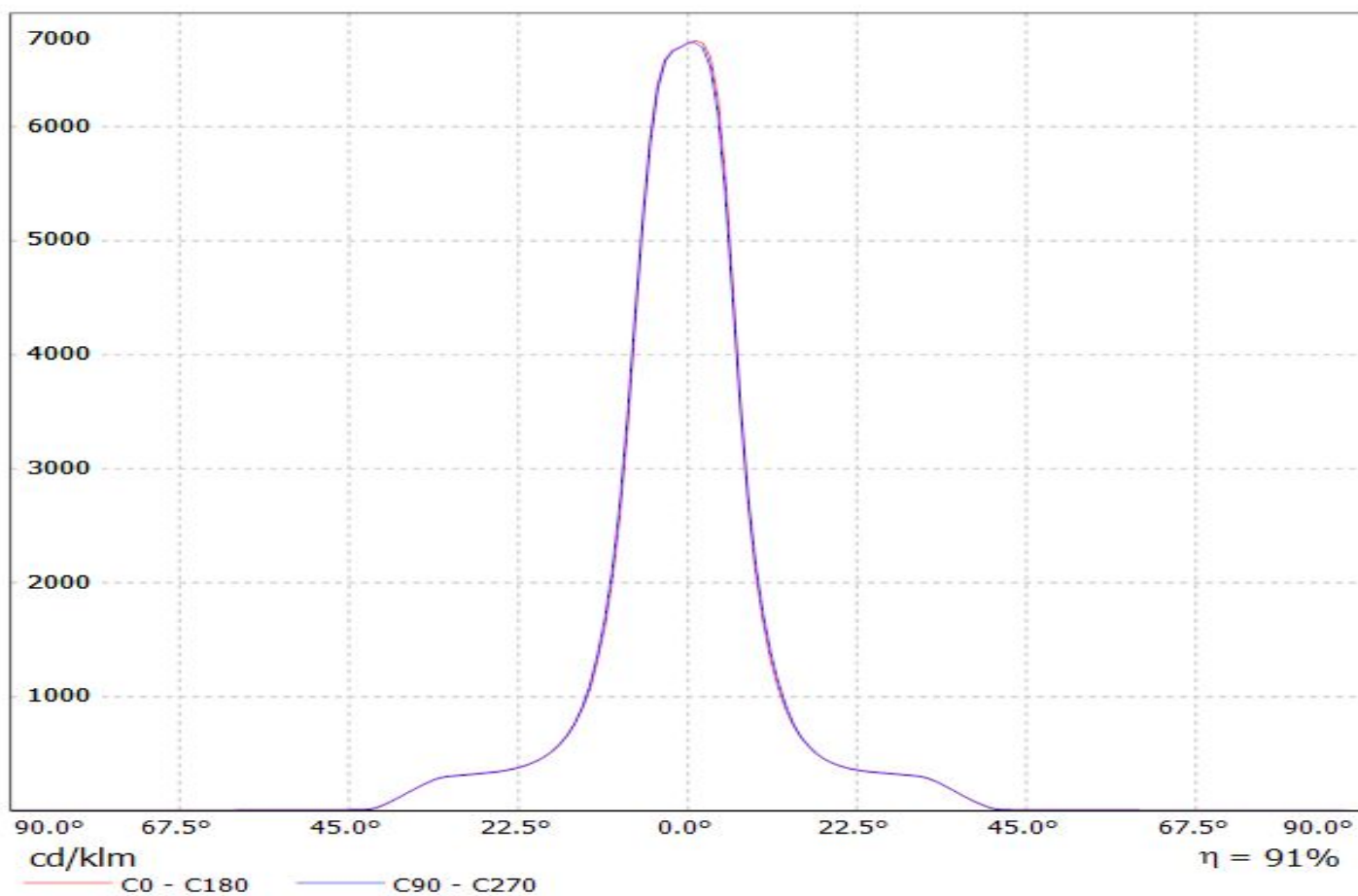
Luminaire: LEDiL Oy F13662_ANGELA-S-B_(LG_COB_10W)

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

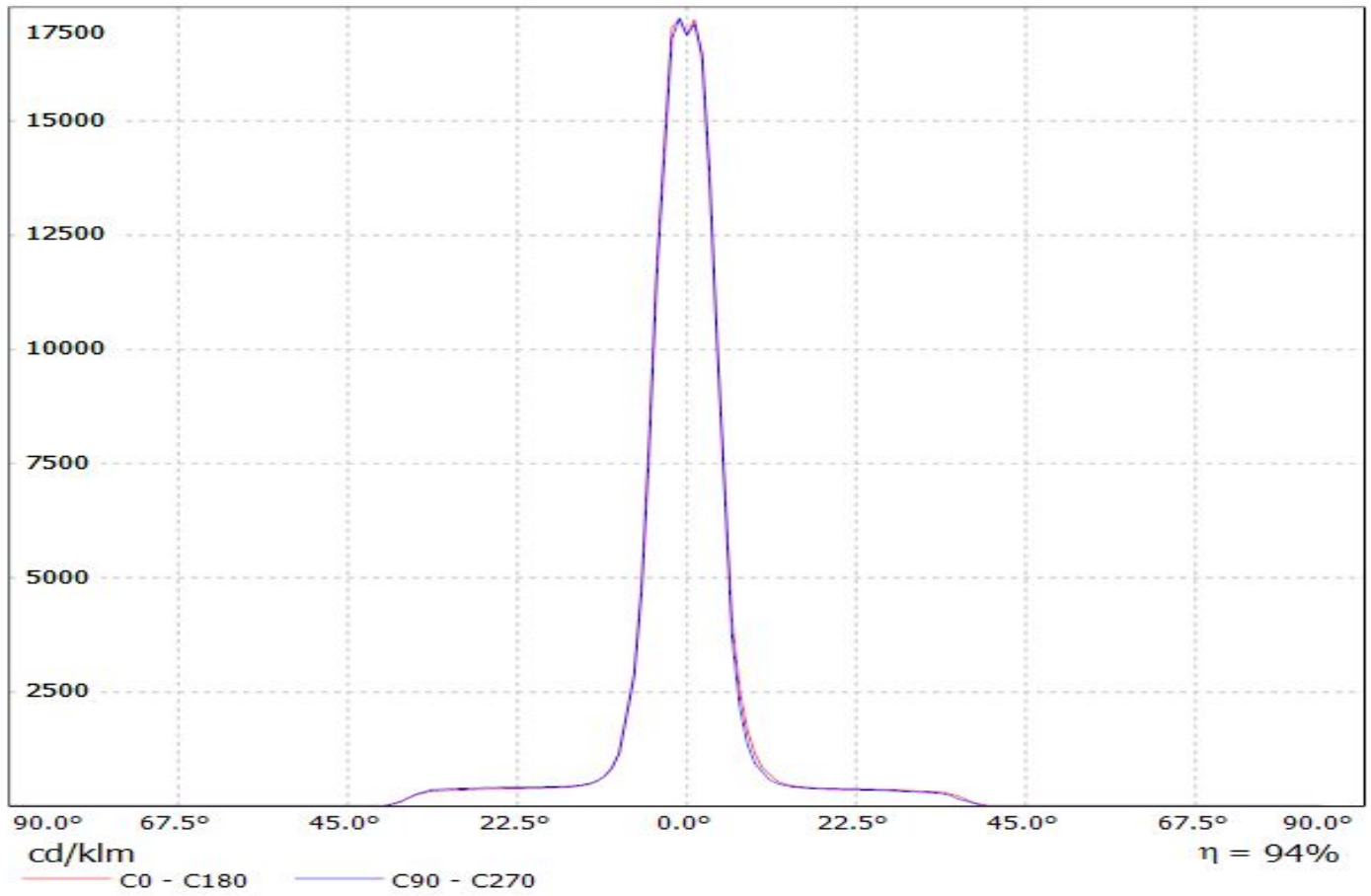


Luminaire: LEDiL Oy F13662_ANGELA-S-B (COB_40W)

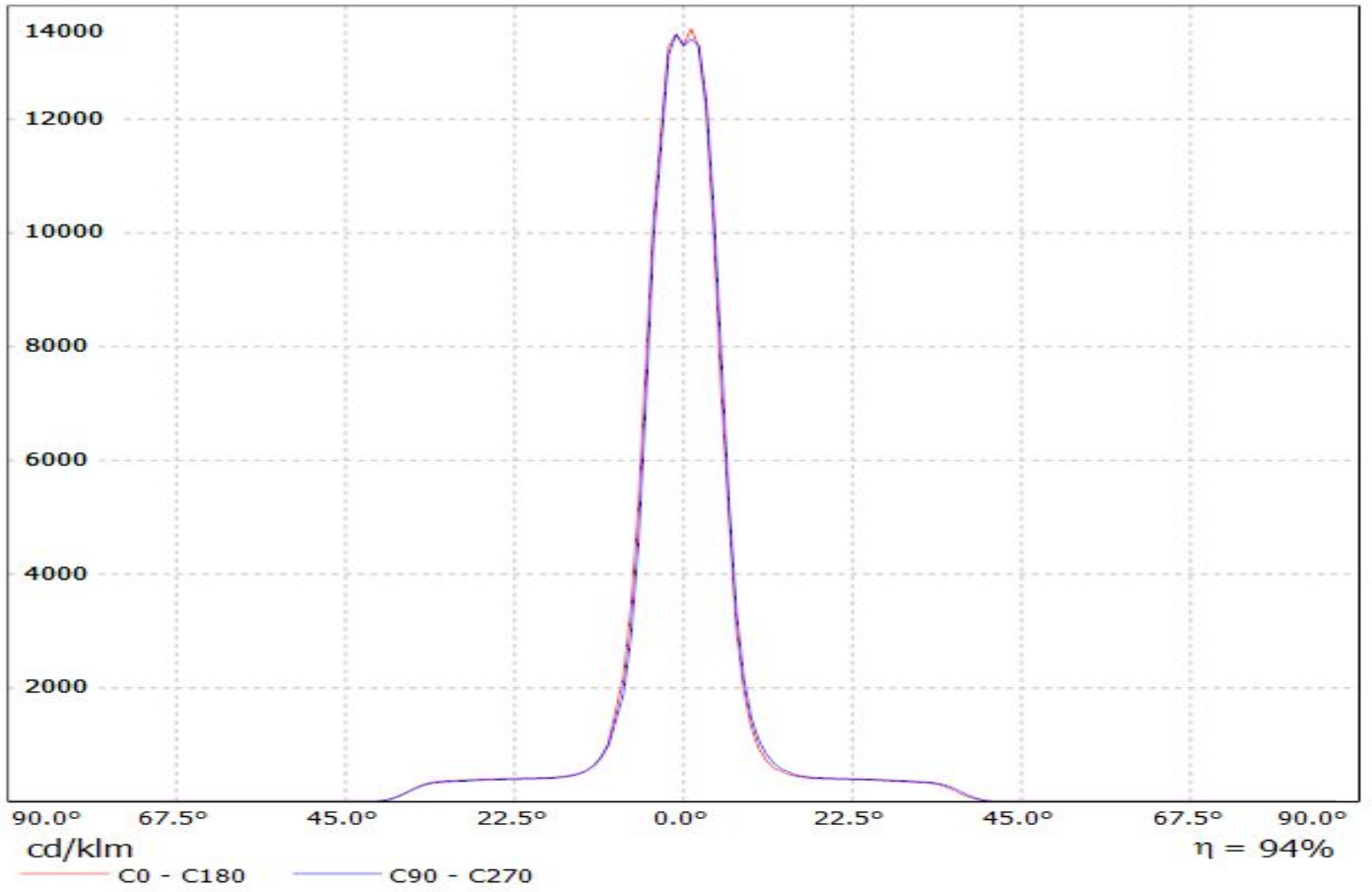
Lamps: 1 x LG_COB_40W_1163.31lm@250mA_CCT=3000K_P=8.04906W_I=249.8mA



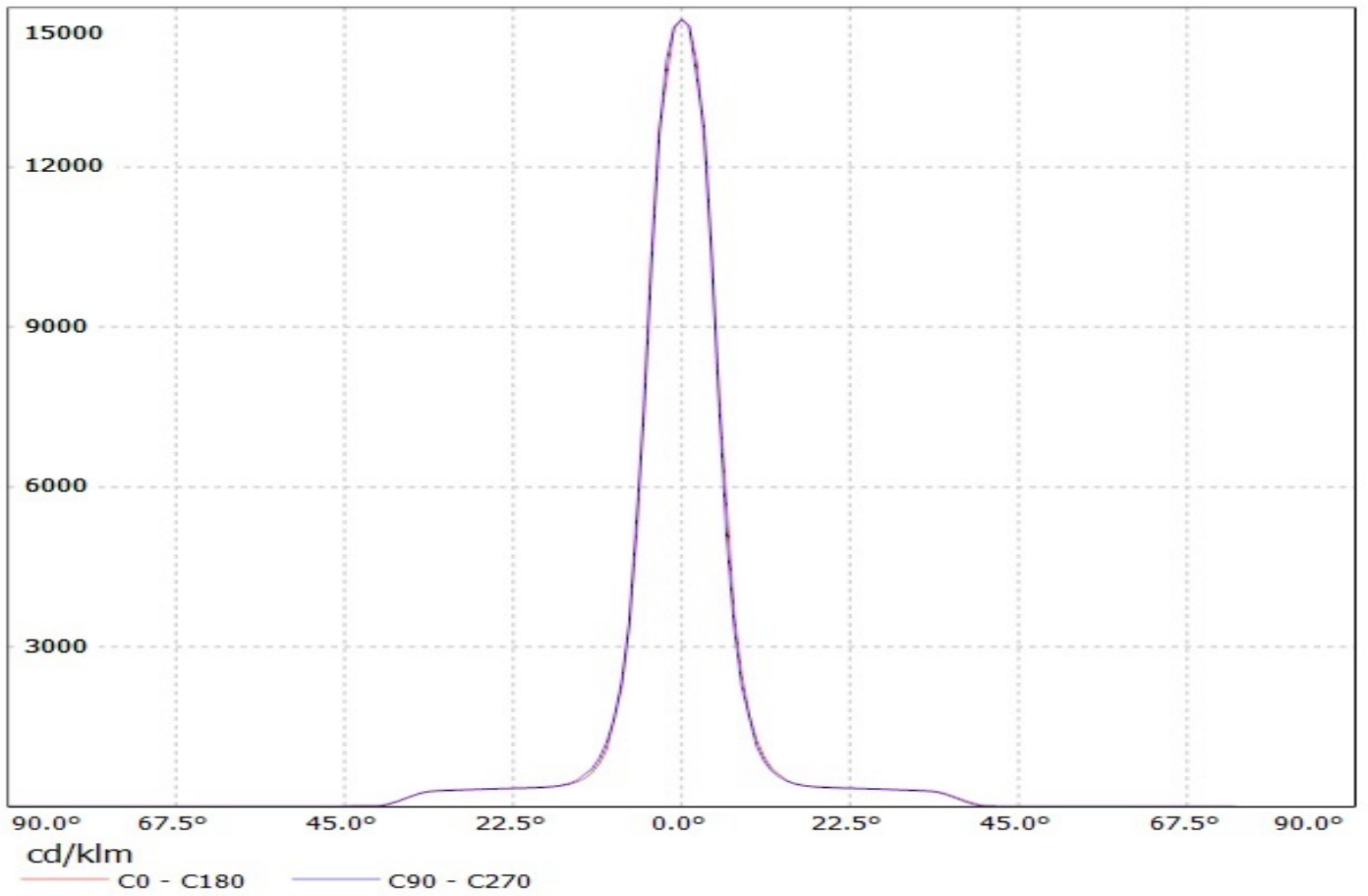
Luminaire: LEDiL Oy F13662_ANGELA-S-B_(K12) Eff.94.0%
Lamps: 1 x Luxeon_K12_922.262lm@250mA_P=8.18947W_I=249.9mA



Luminaire: LEDiL Oy F13662_ANGELA-S-B_(K16) Eff.94.0%
Lamps: 1 x Luxeon_K16_1252.4lm@250mA_P=10.8991W_U=249.9mA

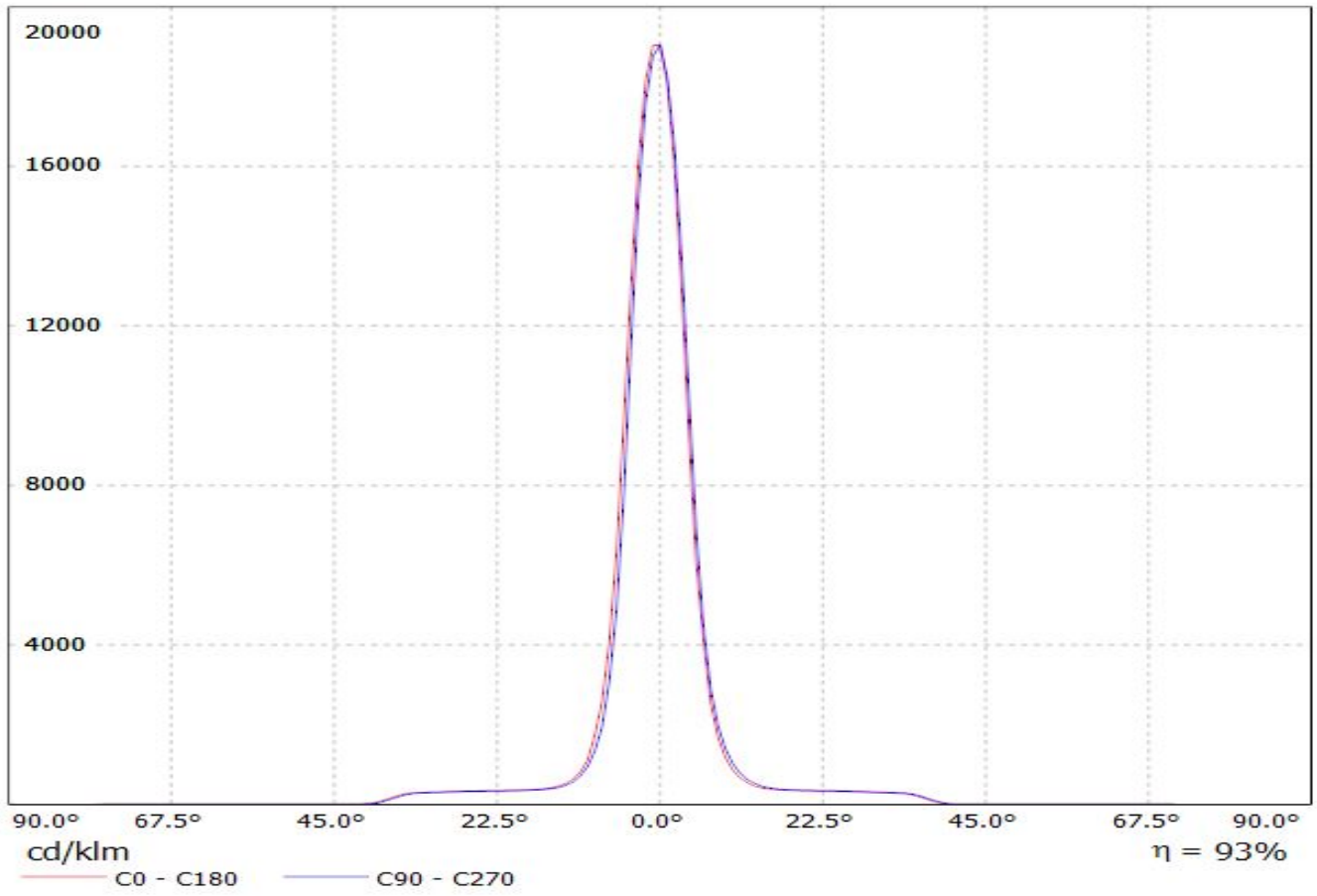


Luminaire: LEDiL Oy F13662_ANGELA-S-B (Luxeon_CoB_1208)
Lamps: 1 x Luxeon_CoB_1208_1045.92lm@250mA_P=8.25314W_I=249.8mA



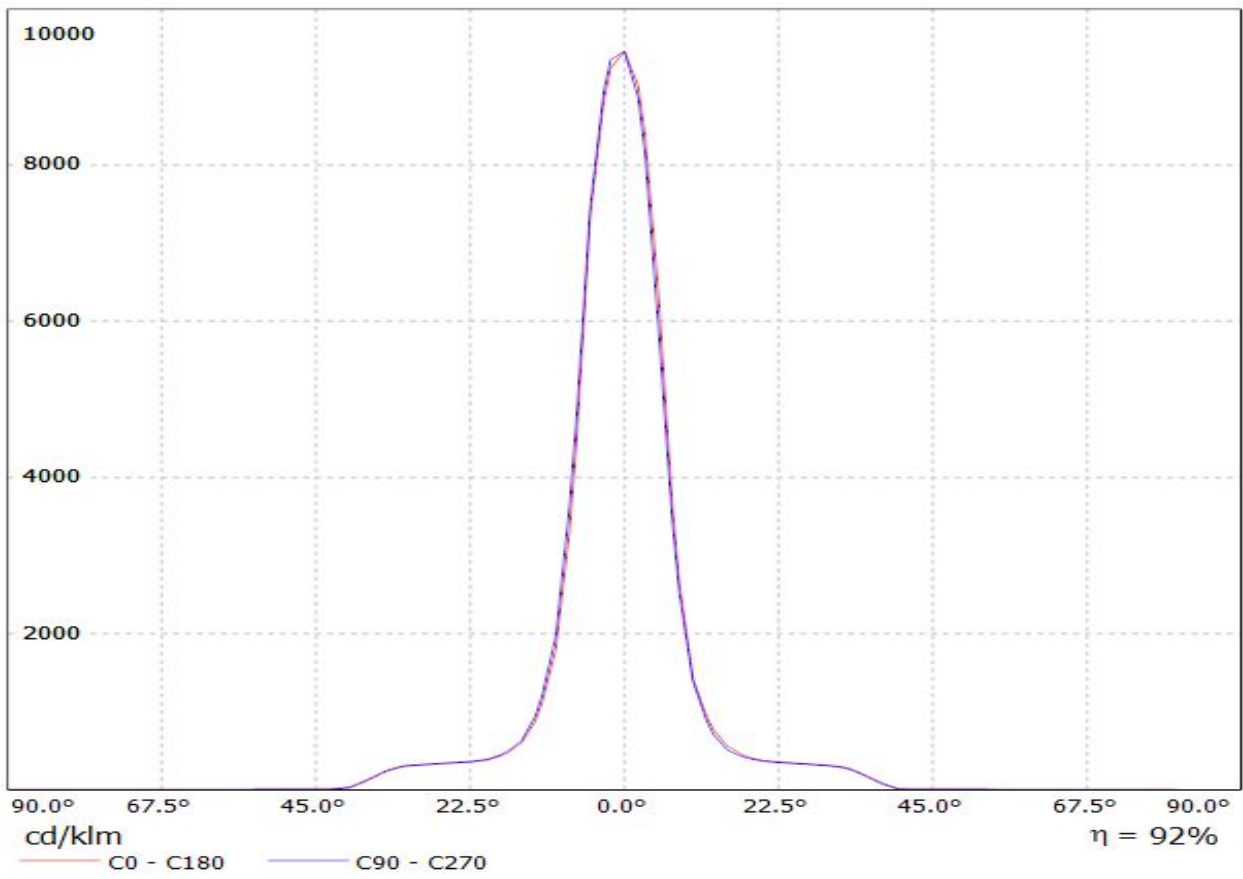
Luminaire: LEDiL Oy F13662_ANGELA-S-B_(Luxeon_CoB_1205)

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



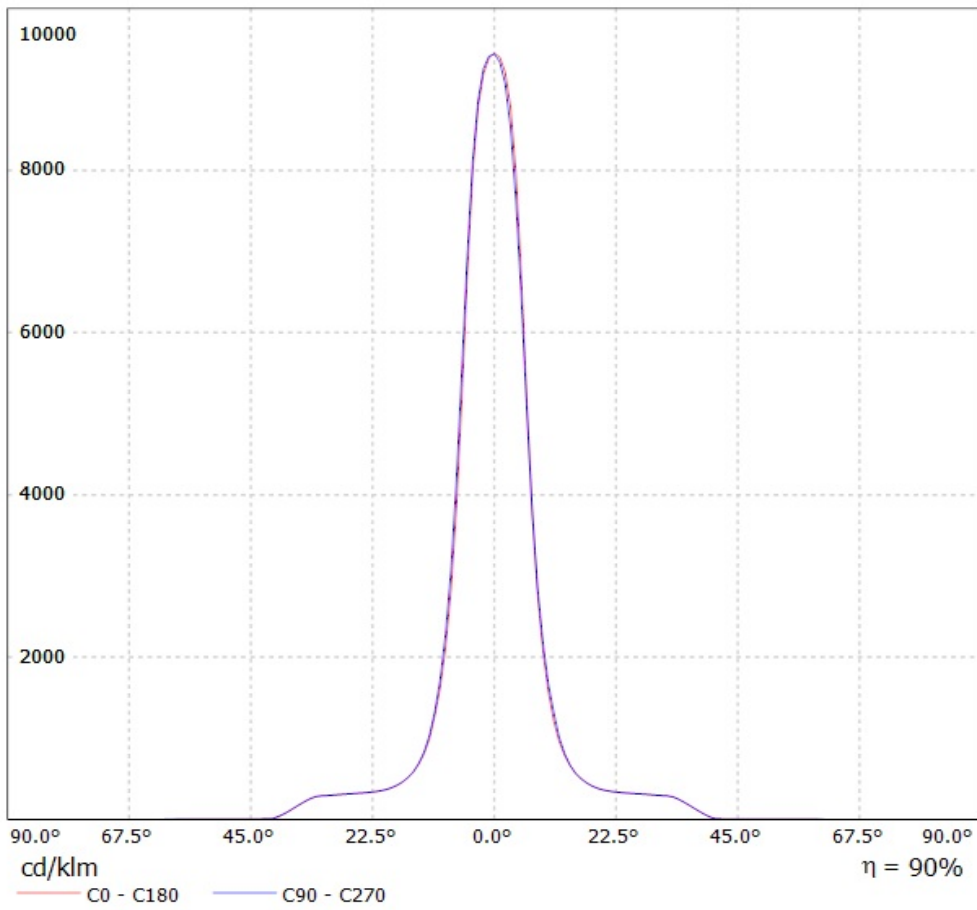
Luminaire: LEDiL Oy F13662_ANGELA-S-B_(Luxeon_CoB_1211)

Lamps: 1 x LUXEON_COB_1211_(LHC1-2790-1211)_923.583lm@250mA_CCT=2700K_P=8.00909W_I=249.8mA



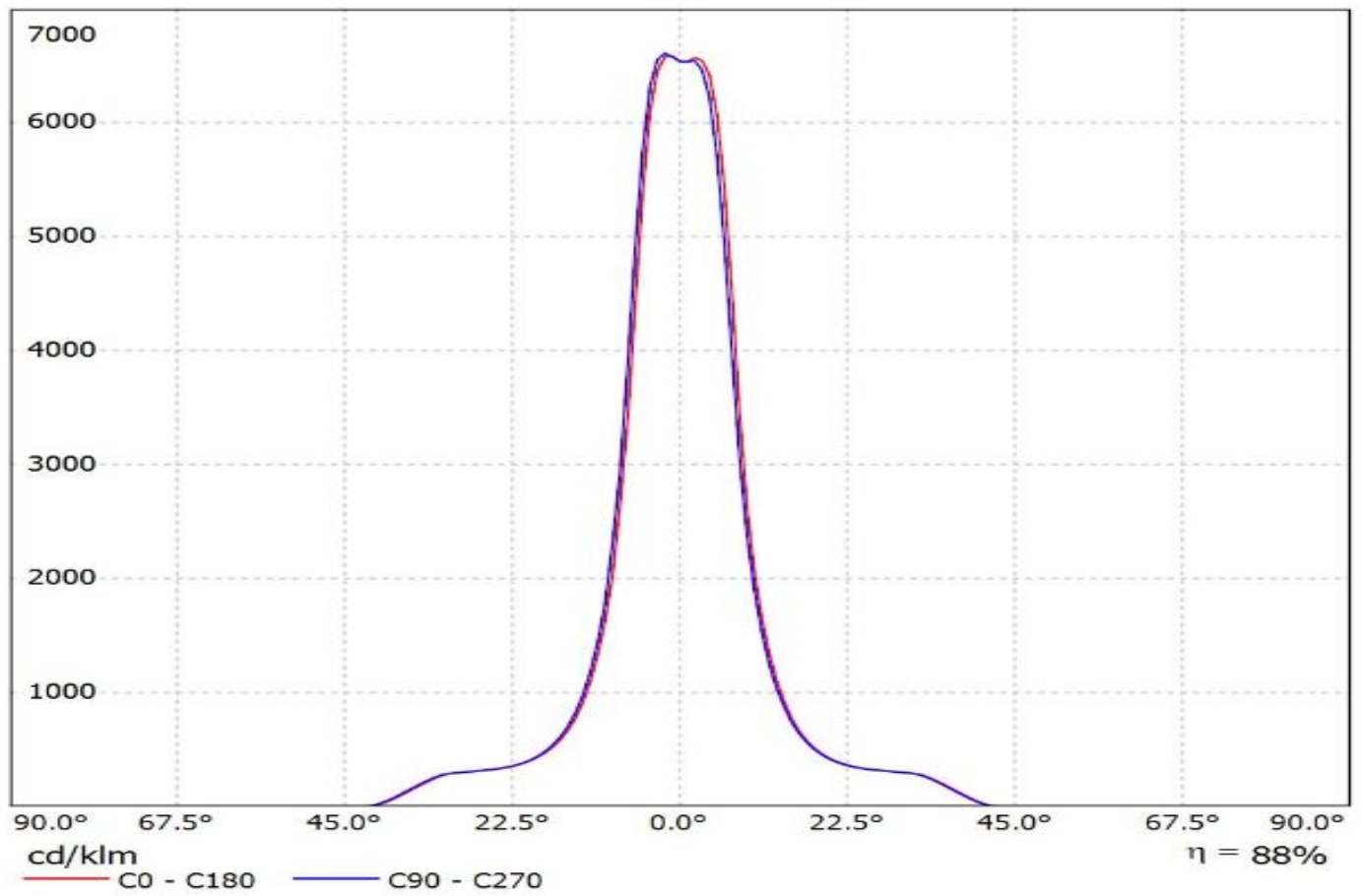
Luminaire: LEDiL Oy F13662_ANGELA-S-B_(Luxeon_CoB_1211)_(BJB2030)

Lamps: 1 x Philips_Lumileds_Luxeon_CoB_1211_(LHC1-5780-1211)_(BJB2030)_1332.46lm@250mA_CCT(approx.)=5700K_P=8.03332W_I=0.2498A

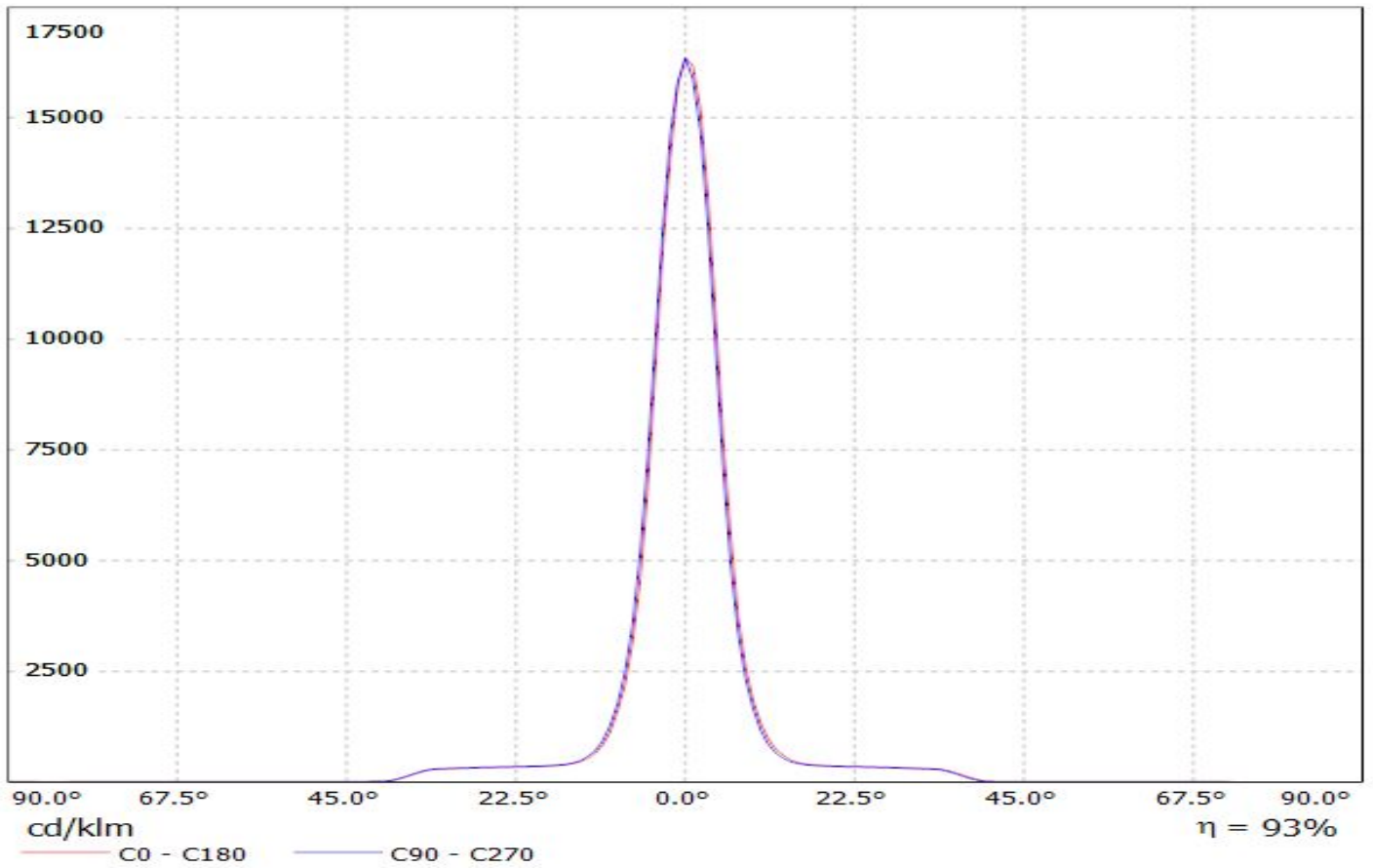


Luminaire: Ledil F13662_ANGELA-S-B_(CoB_1216)

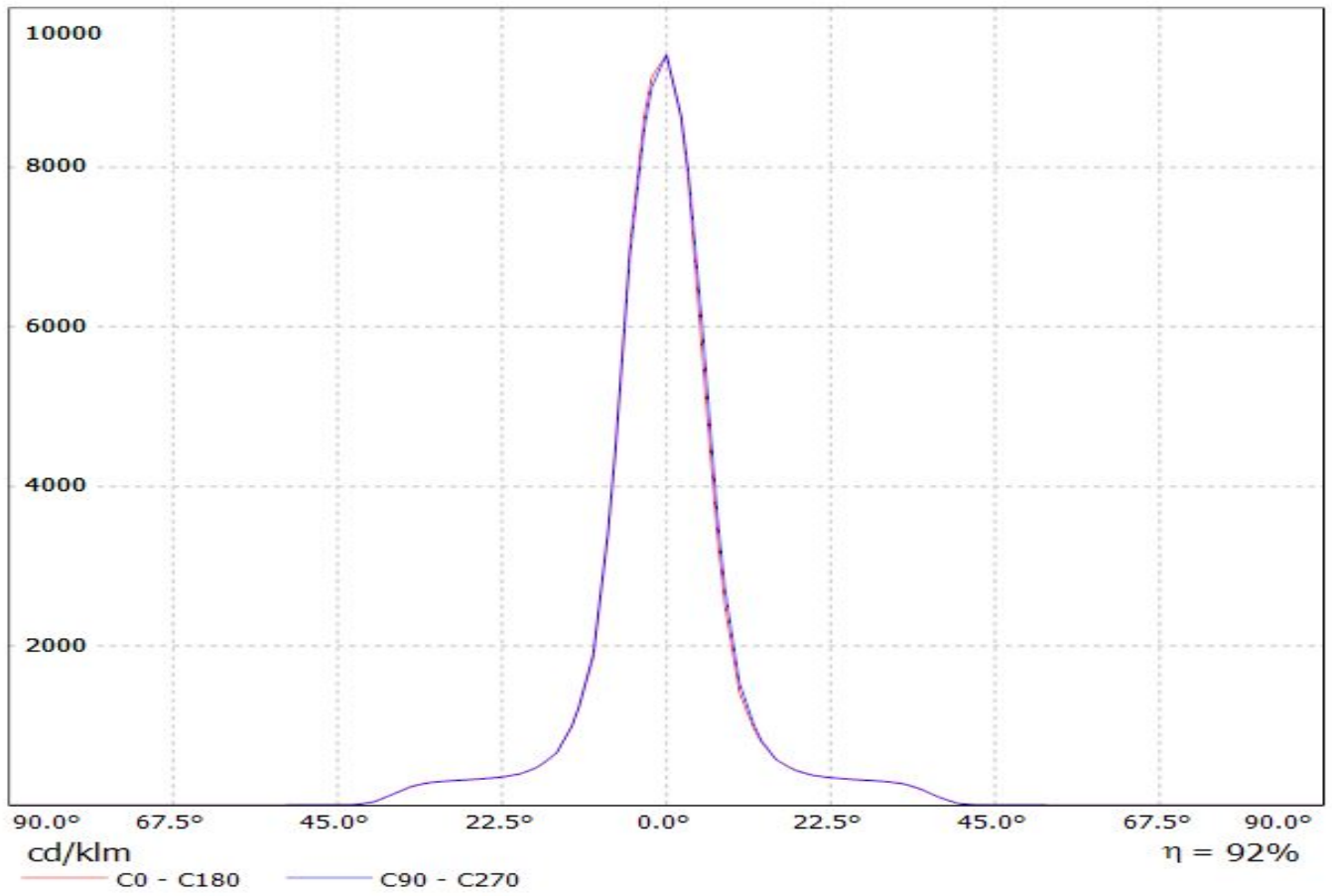
Lamps: 1 x Luxeon_CoB_1216_(L2C2-40801216E2300)_1478.53lm@250mA_P=8.0068W_I=0.25A



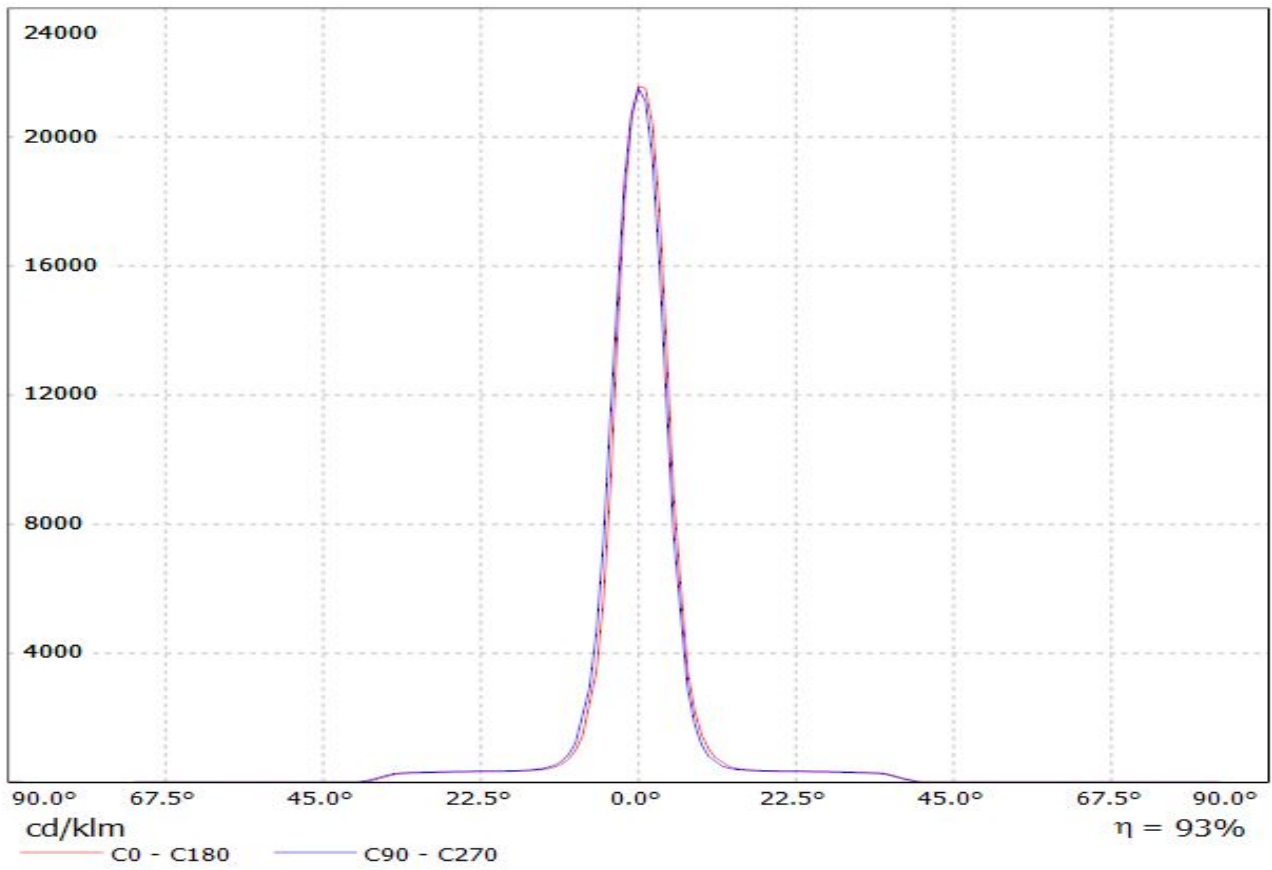
Luminaire: LEDiL Oy F13662_ANGELA-S-B_(CXM-14)
Lamps: 1 x LUMINUS_XNOVA_CXM-14_(AC00)
_1049.18lm@250mA_CCT=3126K_P=8.31834W_I=249.8mA



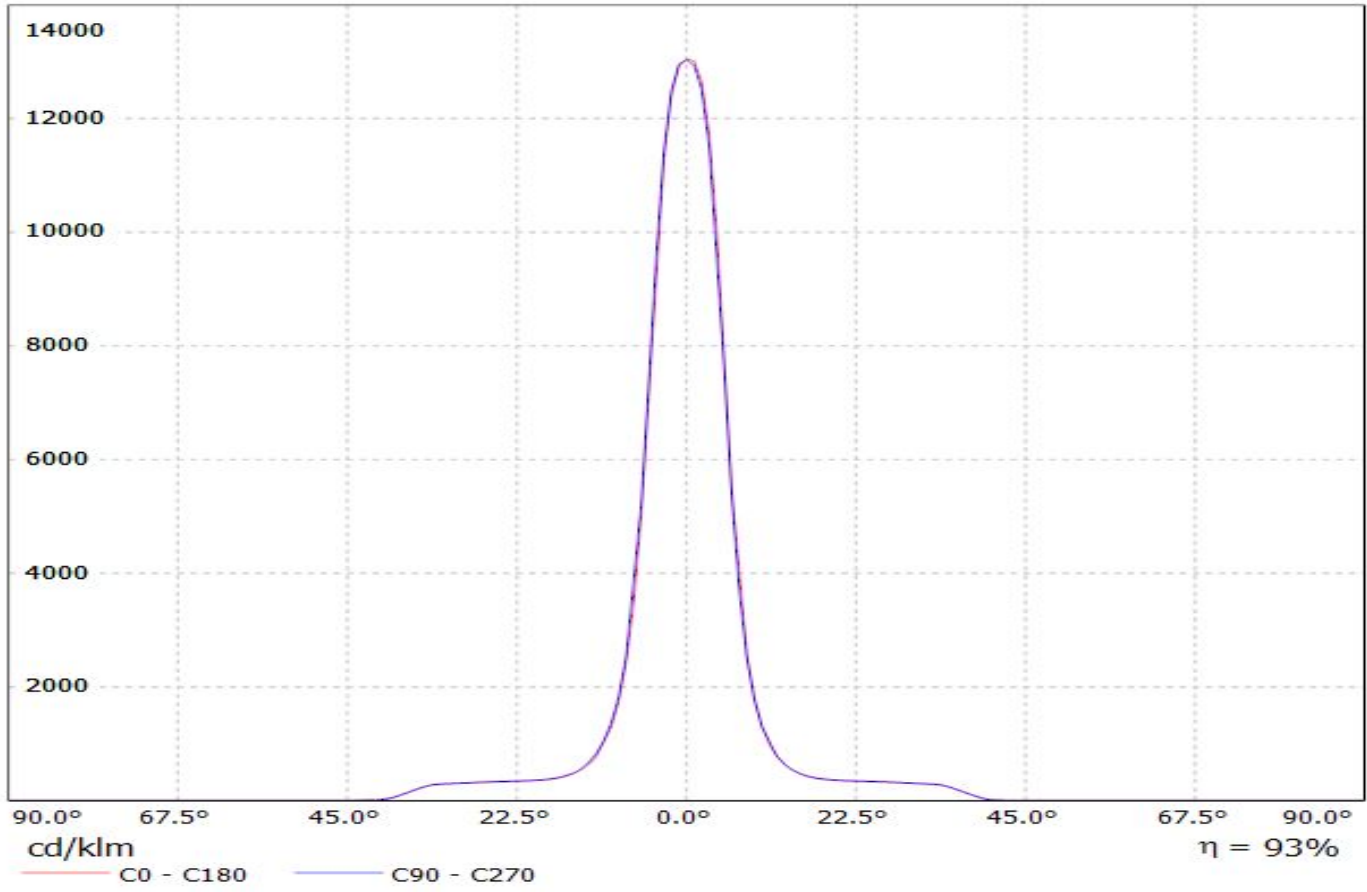
Luminaire: LEDiL Oy F13662_ANGELA-S-B_(E30) Eff.91.2%
Lamps: 1 x Osram_Solericq_E30_1364.86lm@250mA_P=10.2445W_I=249.8mA



Luminaire: LEDiL Oy F13662_ANGELA-S-B_(S13) Eff.94.0%
Lamps: 1 x Osram_Soleriq_S13_901.003lm@250mA_P=7.48151W_I=249.9mA

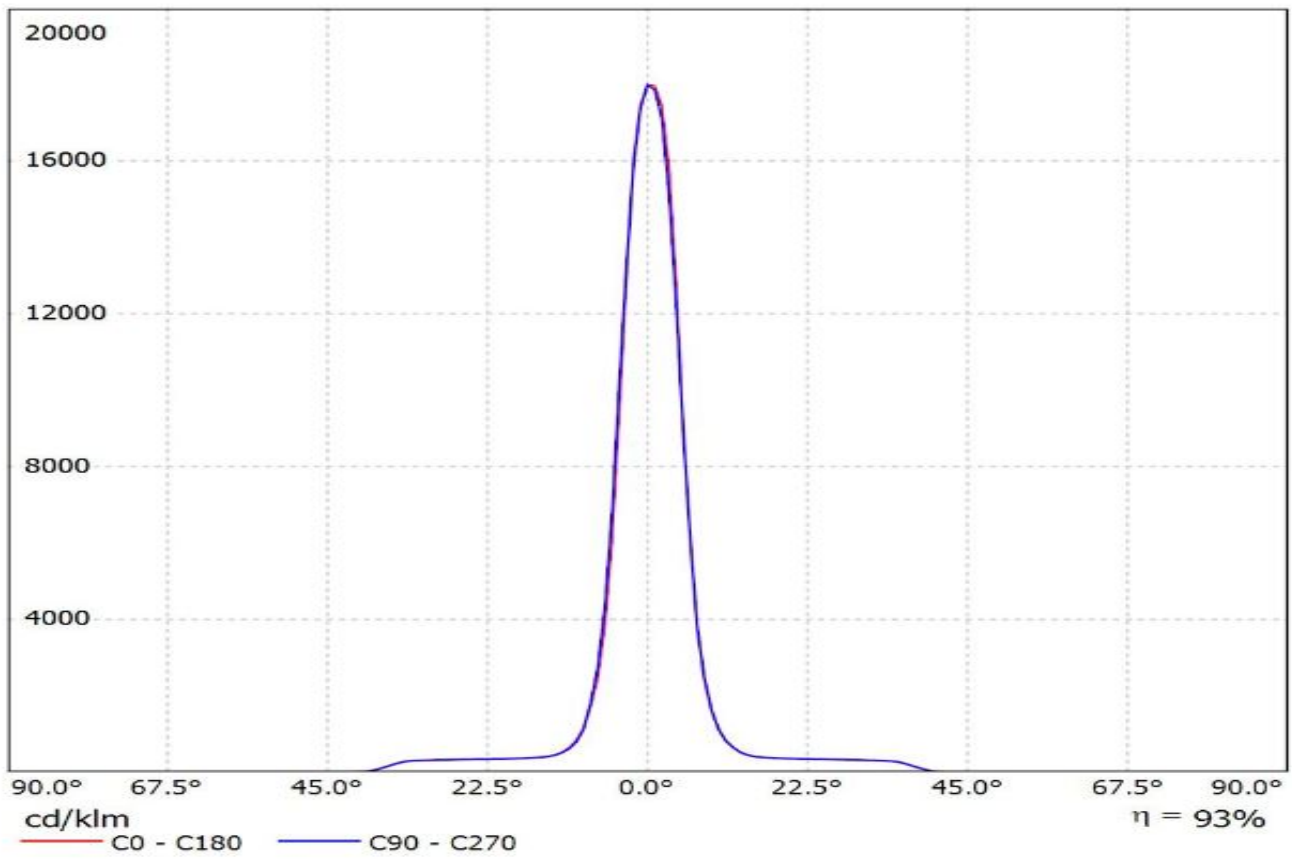


Luminaire: LEDiL Oy F13662_ANGELA-S-B_(Soleriq S19) Eff.93.4%
Lamps: 1 x OSRAM_SOLERIQ_S19_(GW_KAHJB1.EM)
_1445.44lm@250mA_CCT=3000K_P=10.558W_I=249.8mA



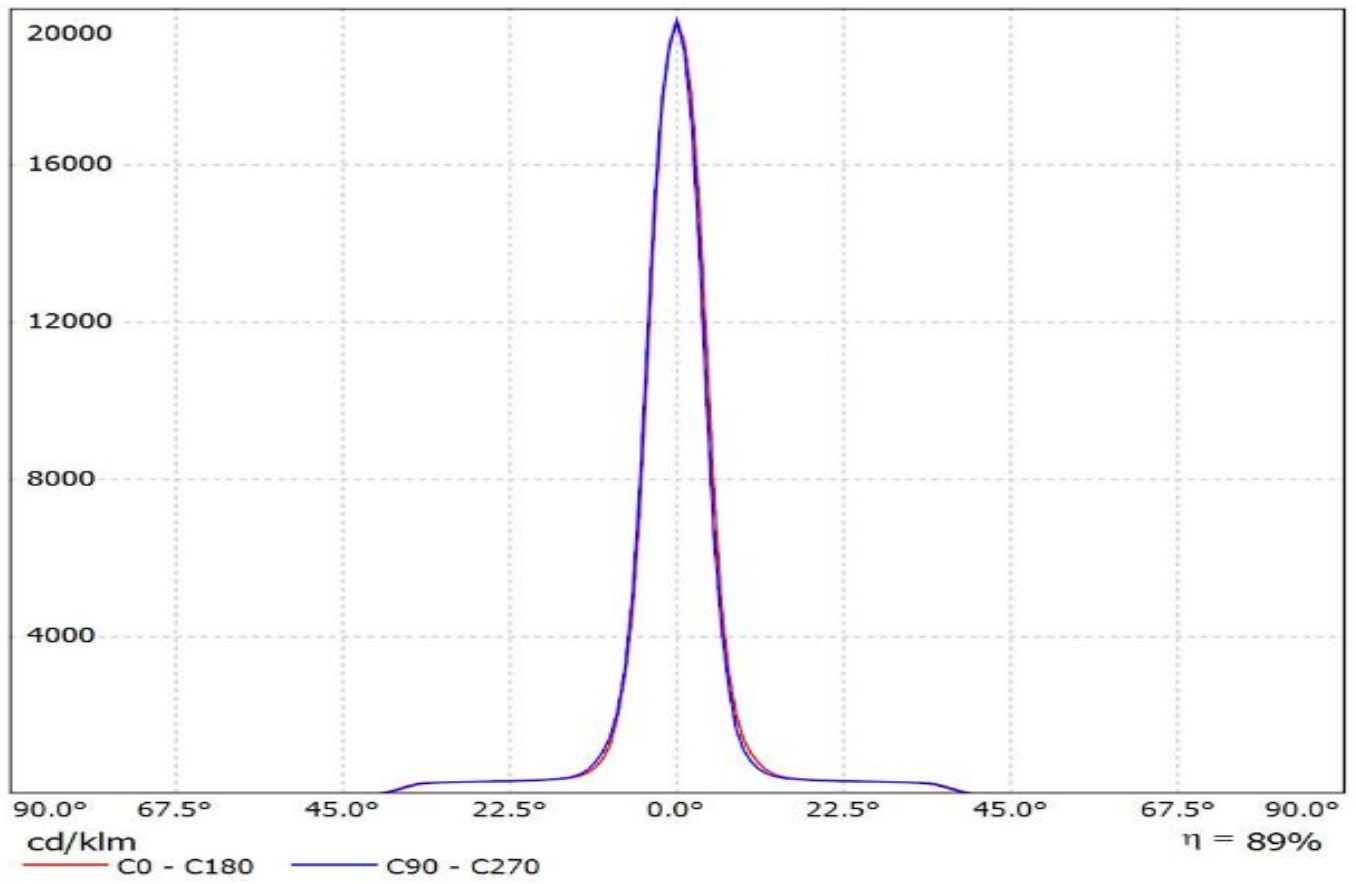
Luminaire: LEDiL Oy F13662_ANGELA-S-B_(SOLERIQ_P13)

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

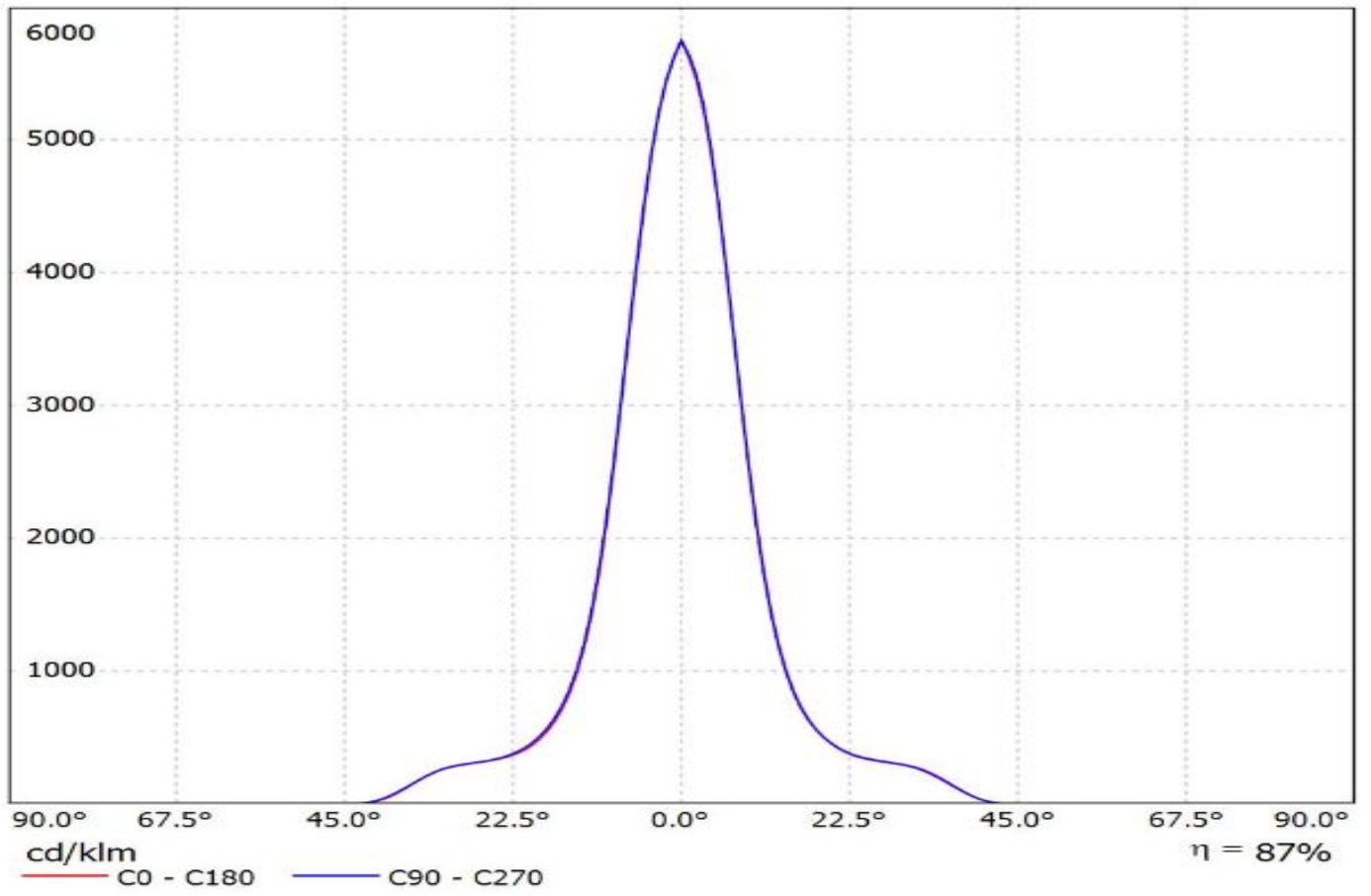


Luminaire: Ledil F13662_ANGELA-S-B_(Soleriq_S13_G2)

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

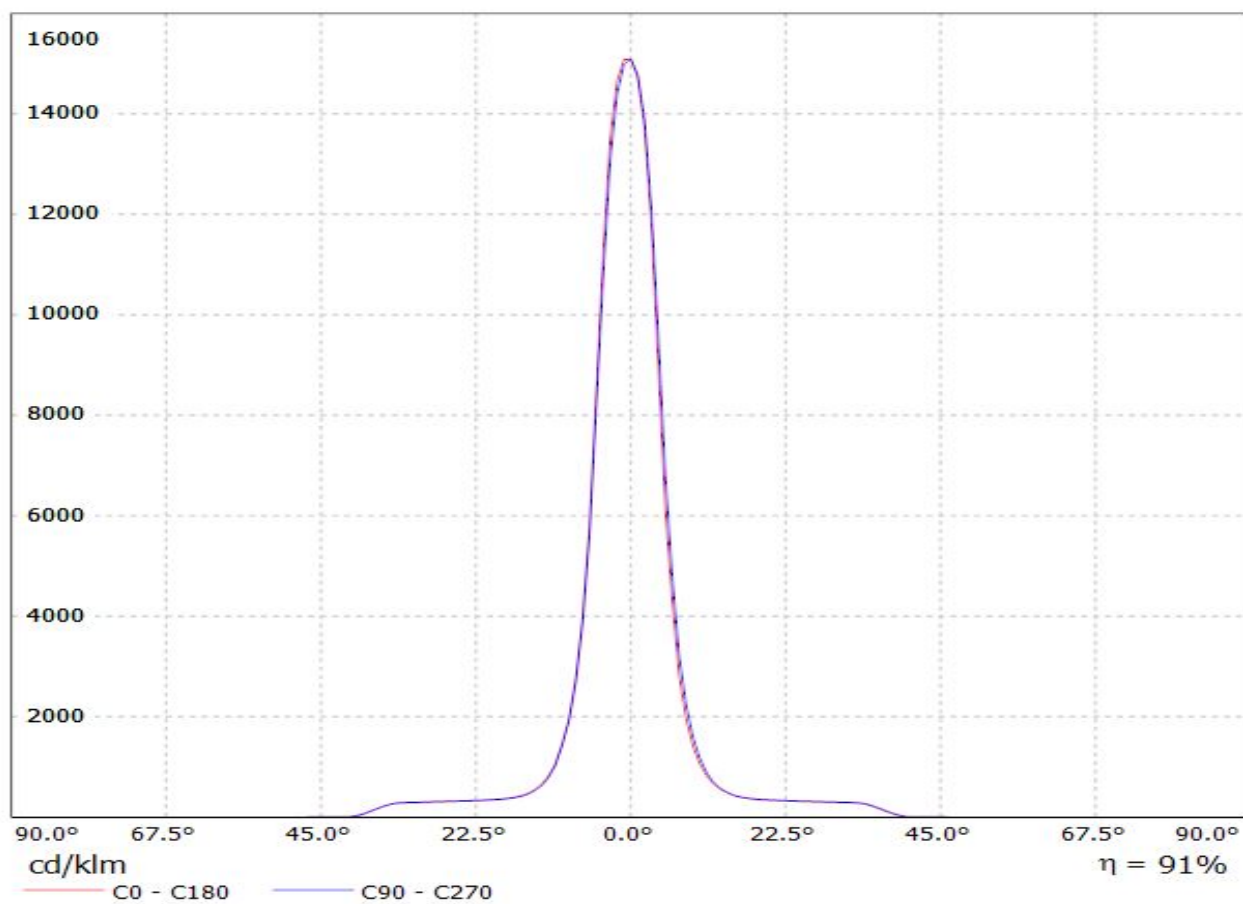


Luminaire: Ledil Oy F13662_ANGELA-S-B+_BJB_47.319.2030_SAMSUNG_COB_D_LC040D
Lamps: 1 x SAMSUNG LC040D



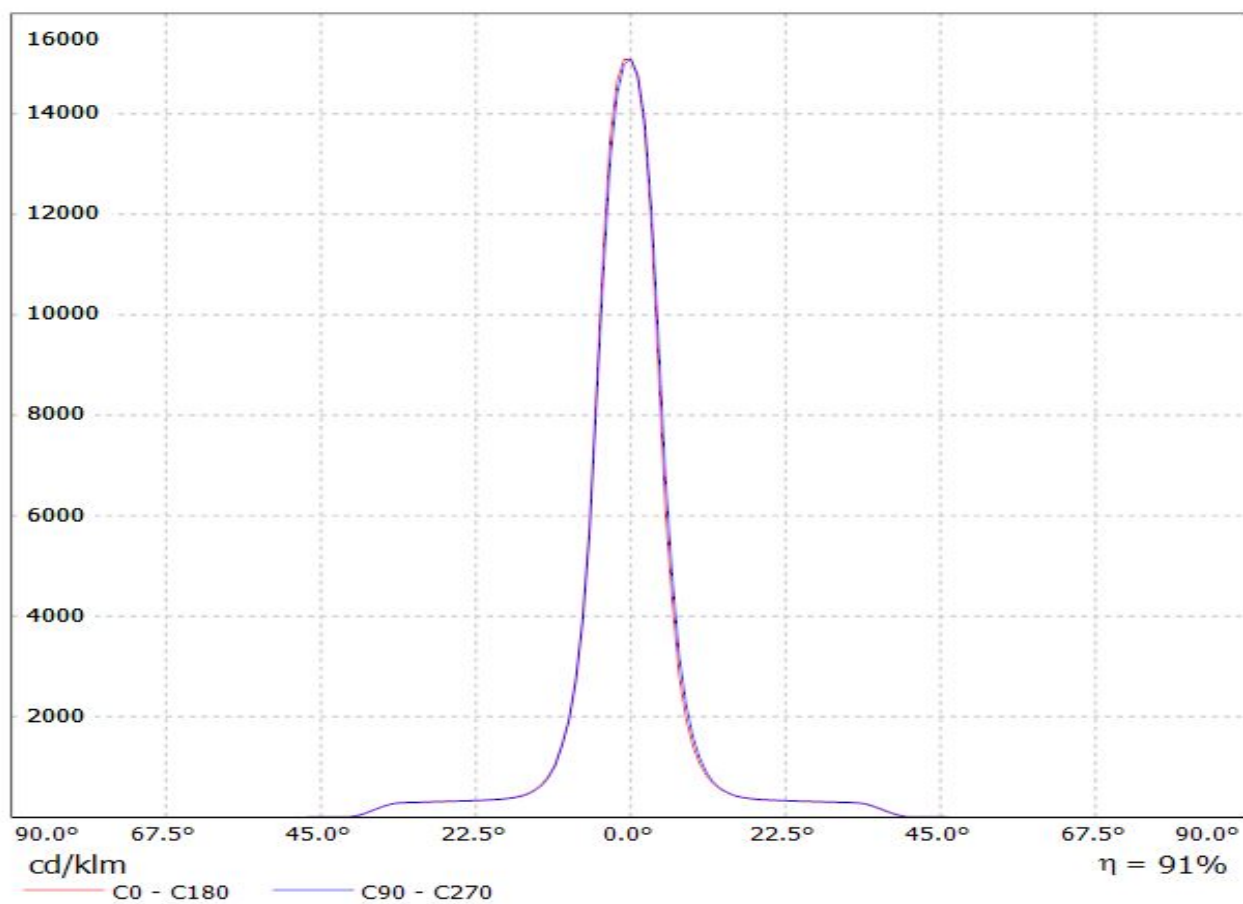
Luminaire: LEDiL Oy F13662_ANGELA-S-B_(COB_D_14,5mm)

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

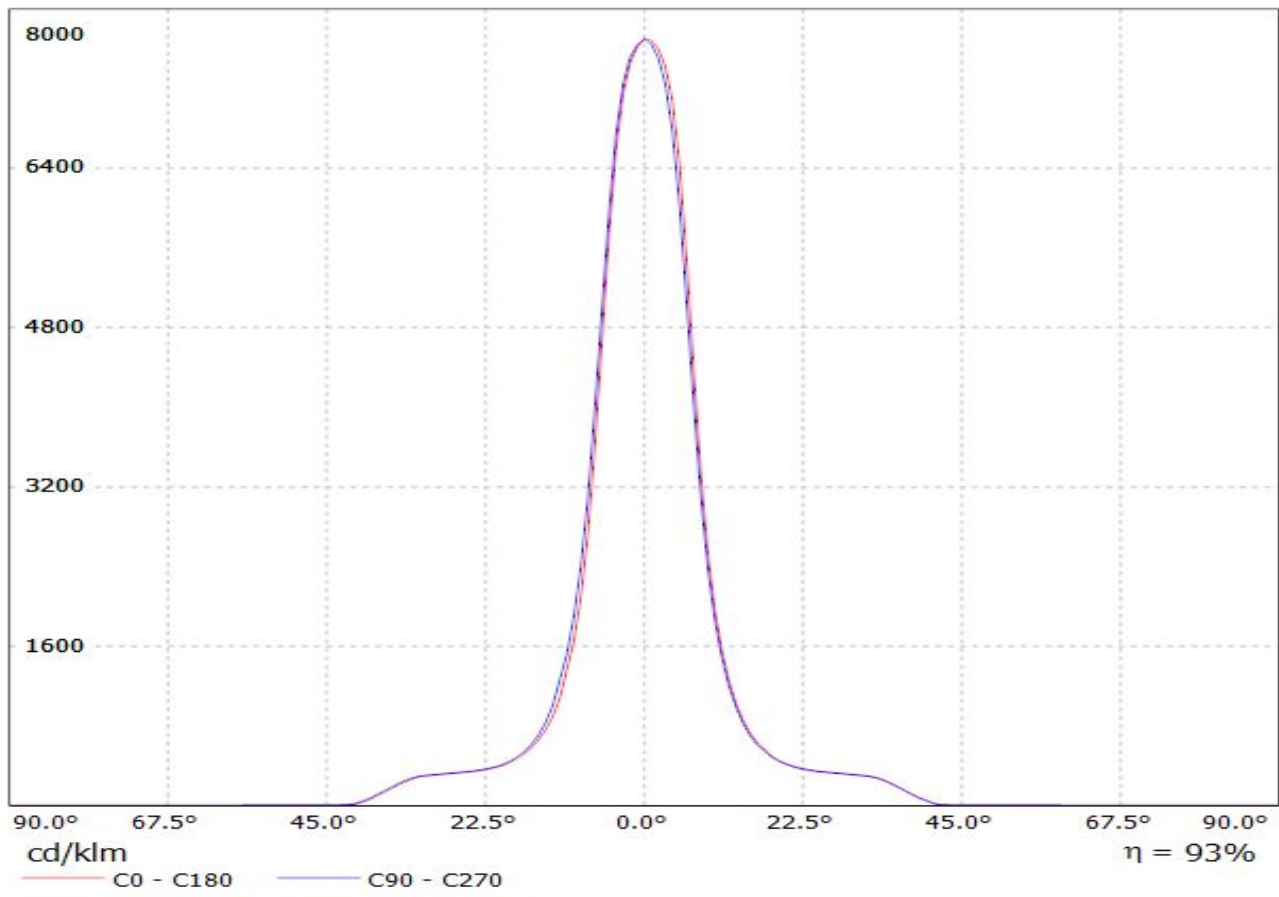


Luminaire: LEDiL Oy F13662_ANGELA-S-B_(COB_D_14,5mm)

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

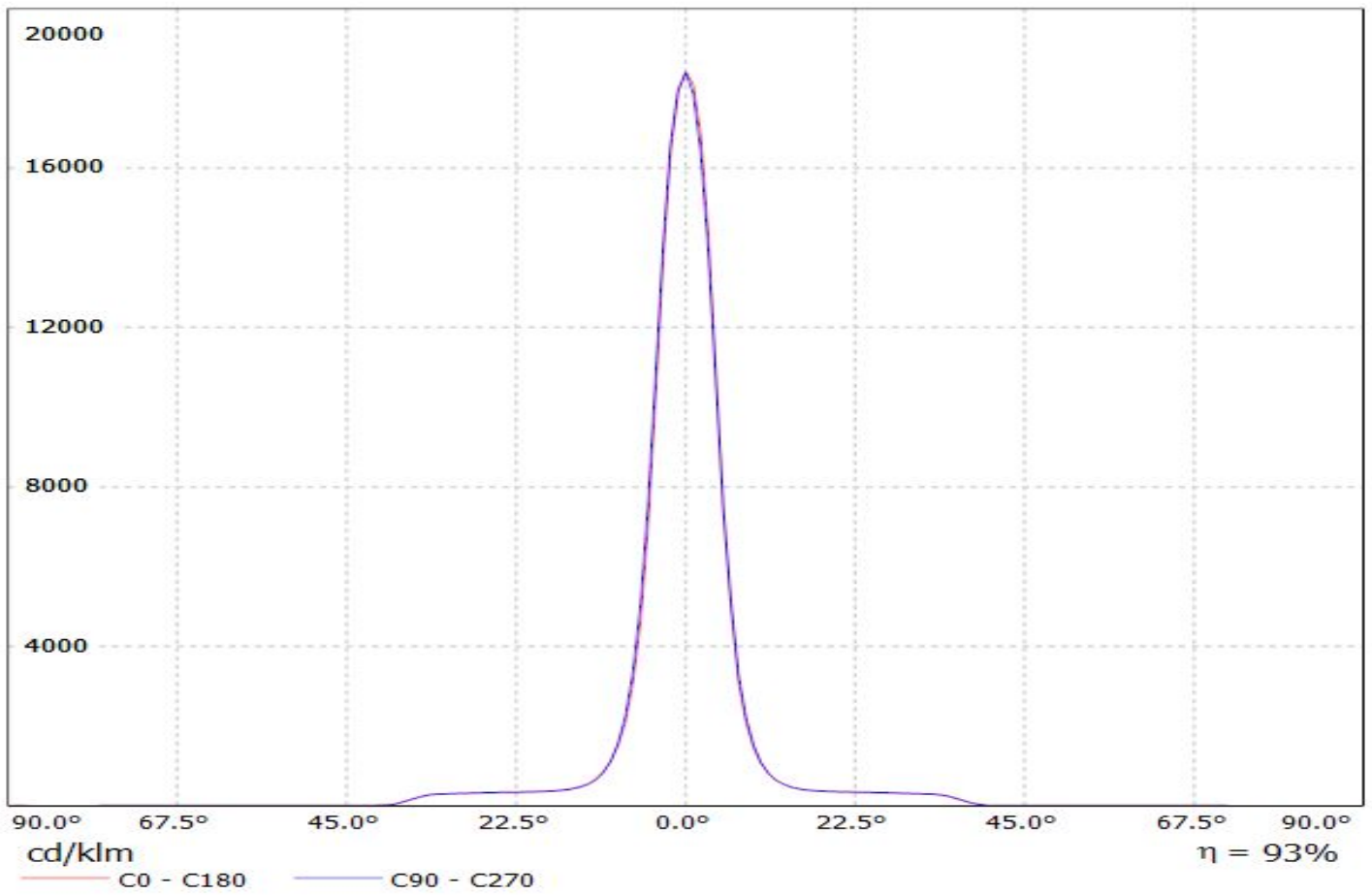


Luminaire: LEDiL Oy F13662_ANGELA-S-B_(ZC-40) Eff.93.4%
Lamps: 1 x Seoul ZC-40_1183.63lm@250mA_P=8.42195W_I=249.9mA



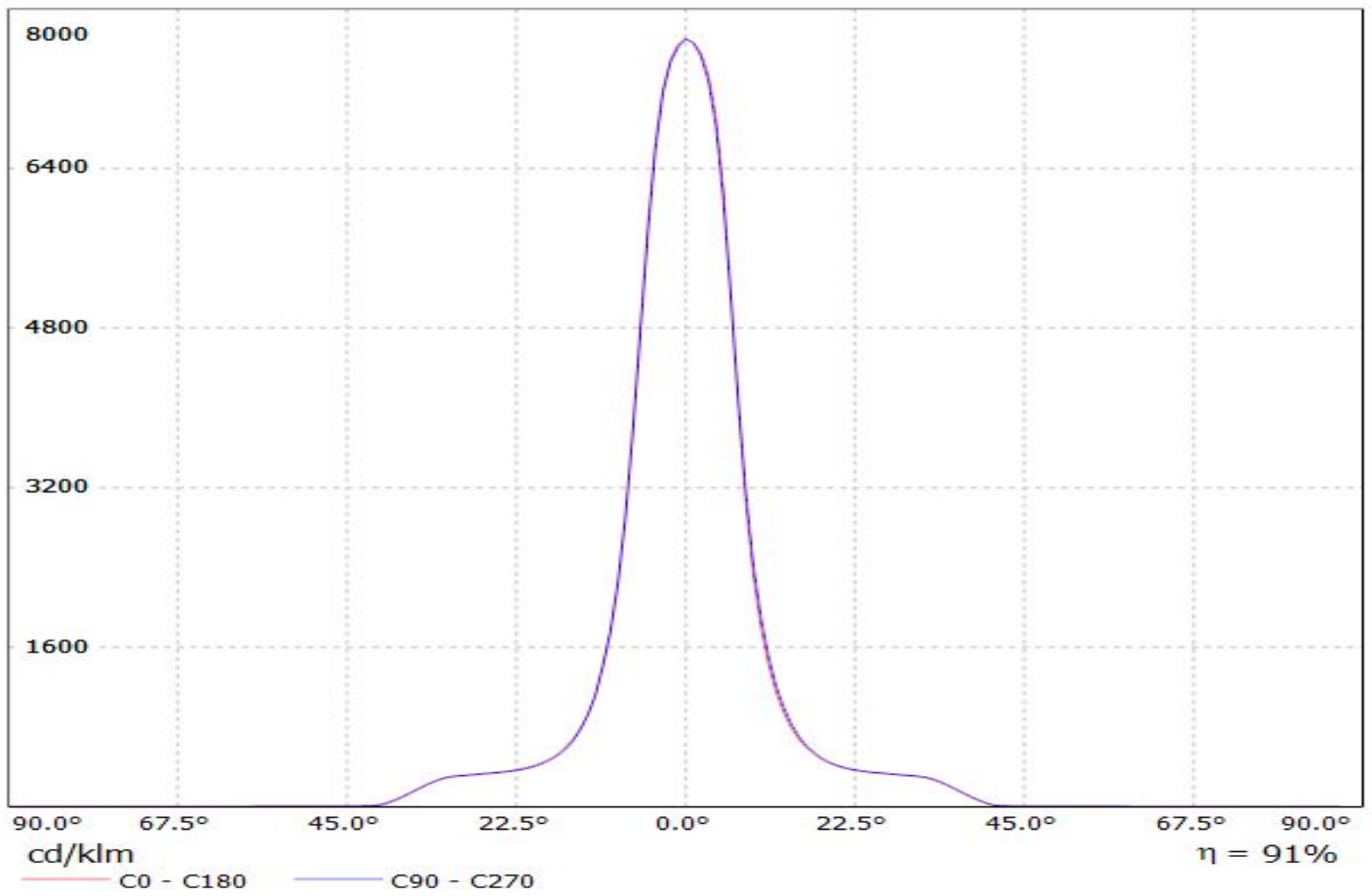
Luminaire: LEDiL Oy F13662_ANGELA-S-B_(ZC12)

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

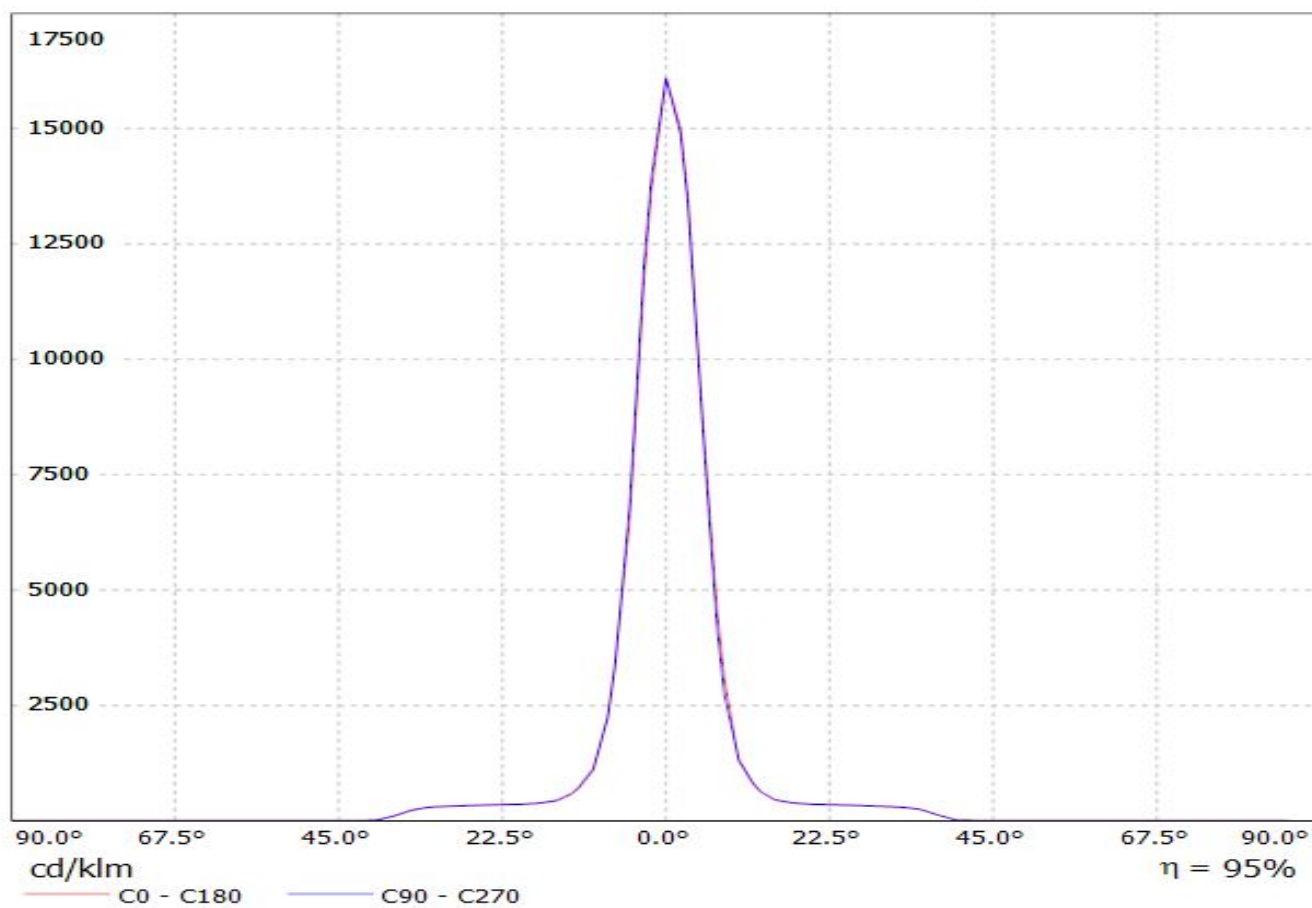


Luminaire: LEDiL Oy F13662_ANGELA-S-B_(ZC40)

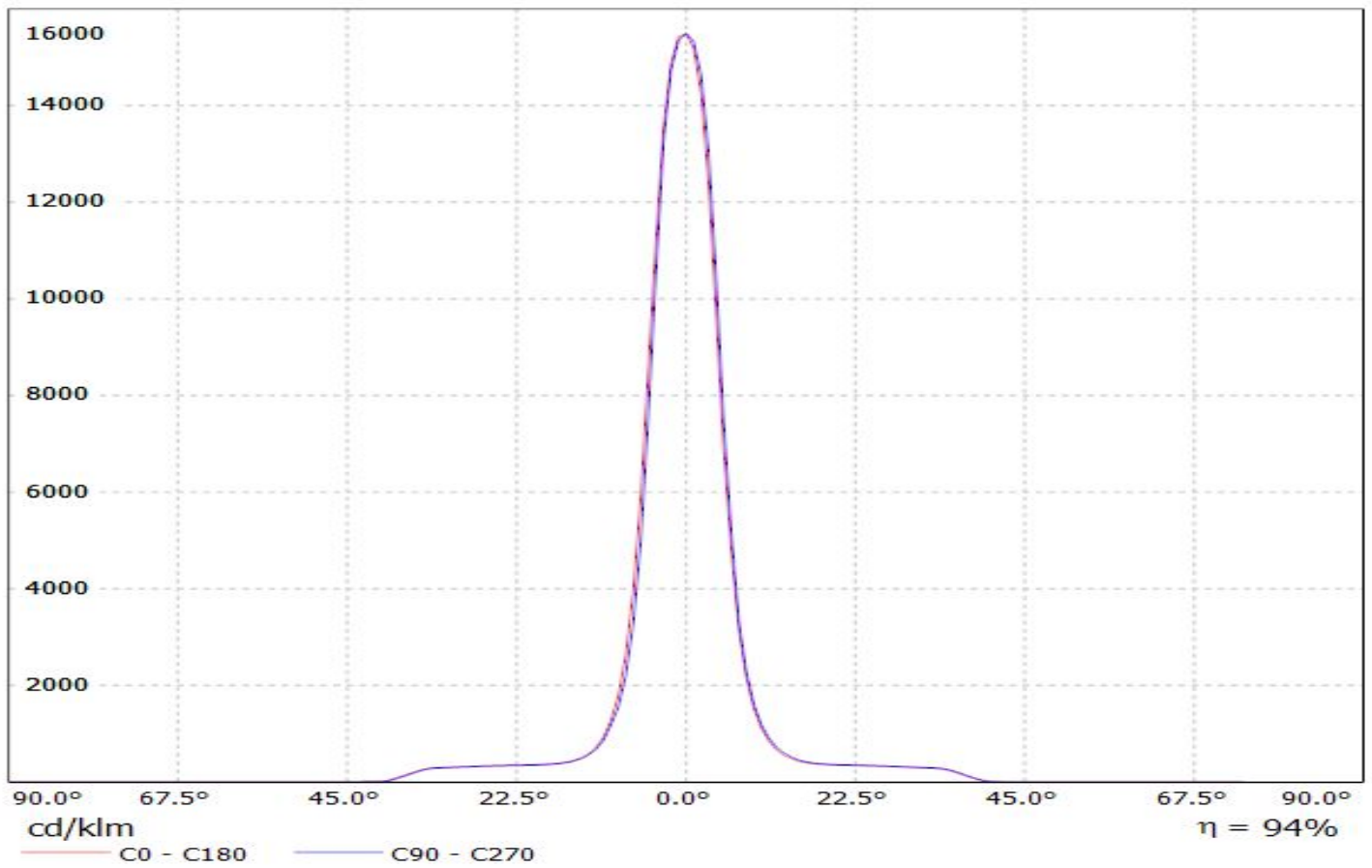
Lamps: 1 x SEOUL_ZC40_(SBWW5F1B)_1176.6lm@250mA_P=8.22171W_I=249.9mA



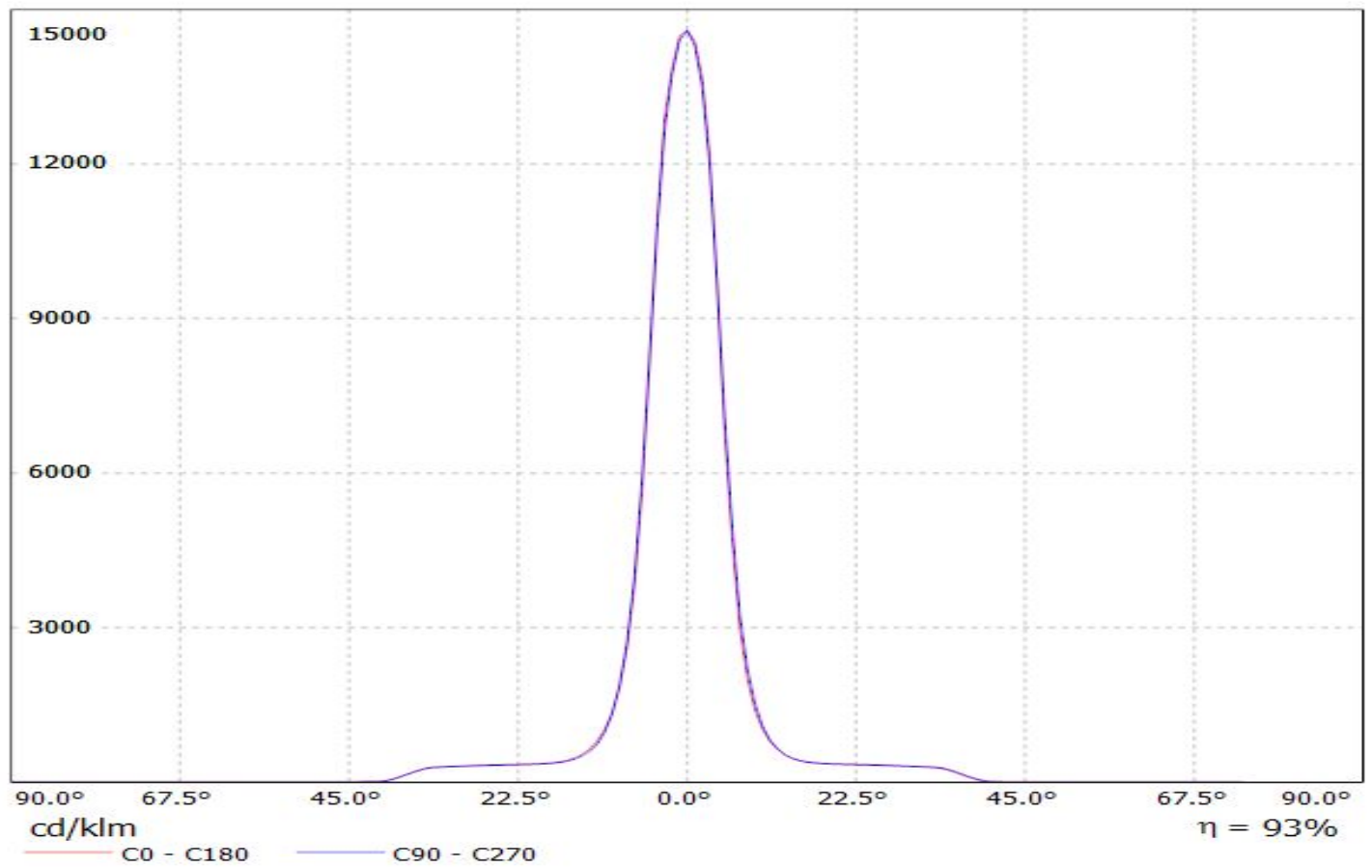
Luminaire: LEDiL Oy F13662_ANGELA-S-B_(MZ) Eff.94.0%
Lamps: 1 x Sharp_Mega_Zenigata_1226.07lm@250mA_P=11.1573W_I=249.8mA



Luminaire: LEDiL Oy F13662_ANGELA-S-B_(MegaZenigata_GW6)
Lamps: 1 x Sharp_MegaZenigata_GW6_(GW6DME30NFC)
_1266.19lm@250mA_CCT=3038K_P=11.2151W_I=250.6mA

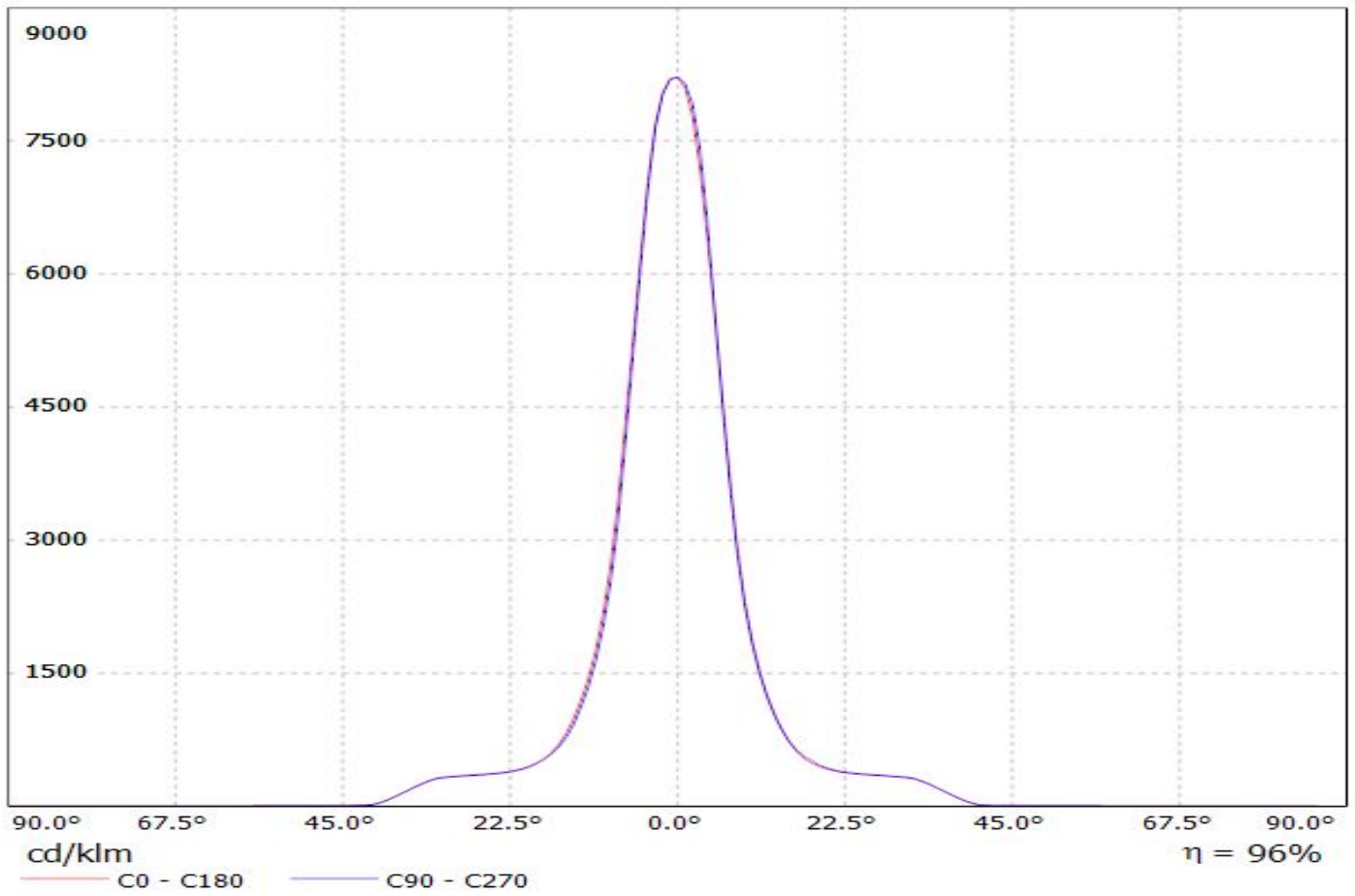


Luminaire: LEDiL Oy F13662_ANGELA-S-B_(STARK_SLE_G3_LES17)
Lamps: 1 x TRIDONIC_STARK_SLE_G3_LES17_(STARK-SLE-PURE_G3-17-2000-840-CLA)
_1030.26lm@250mA_CCT=2000K_P=8.34707W_I=249.8mA

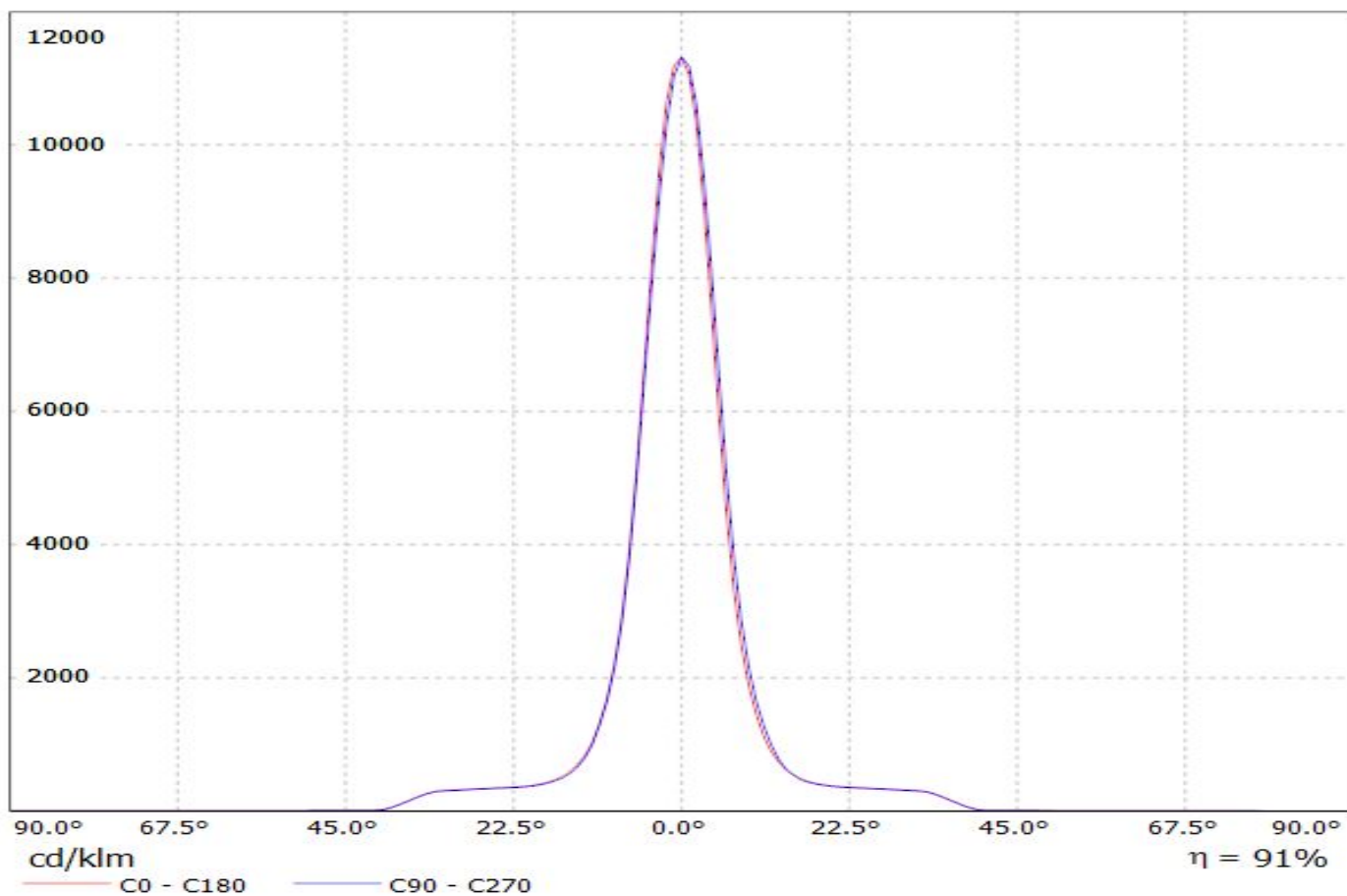


Luminaire: LEDiL Oy F13662_ANGELA-S-B (SLE_G4_LES23)

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

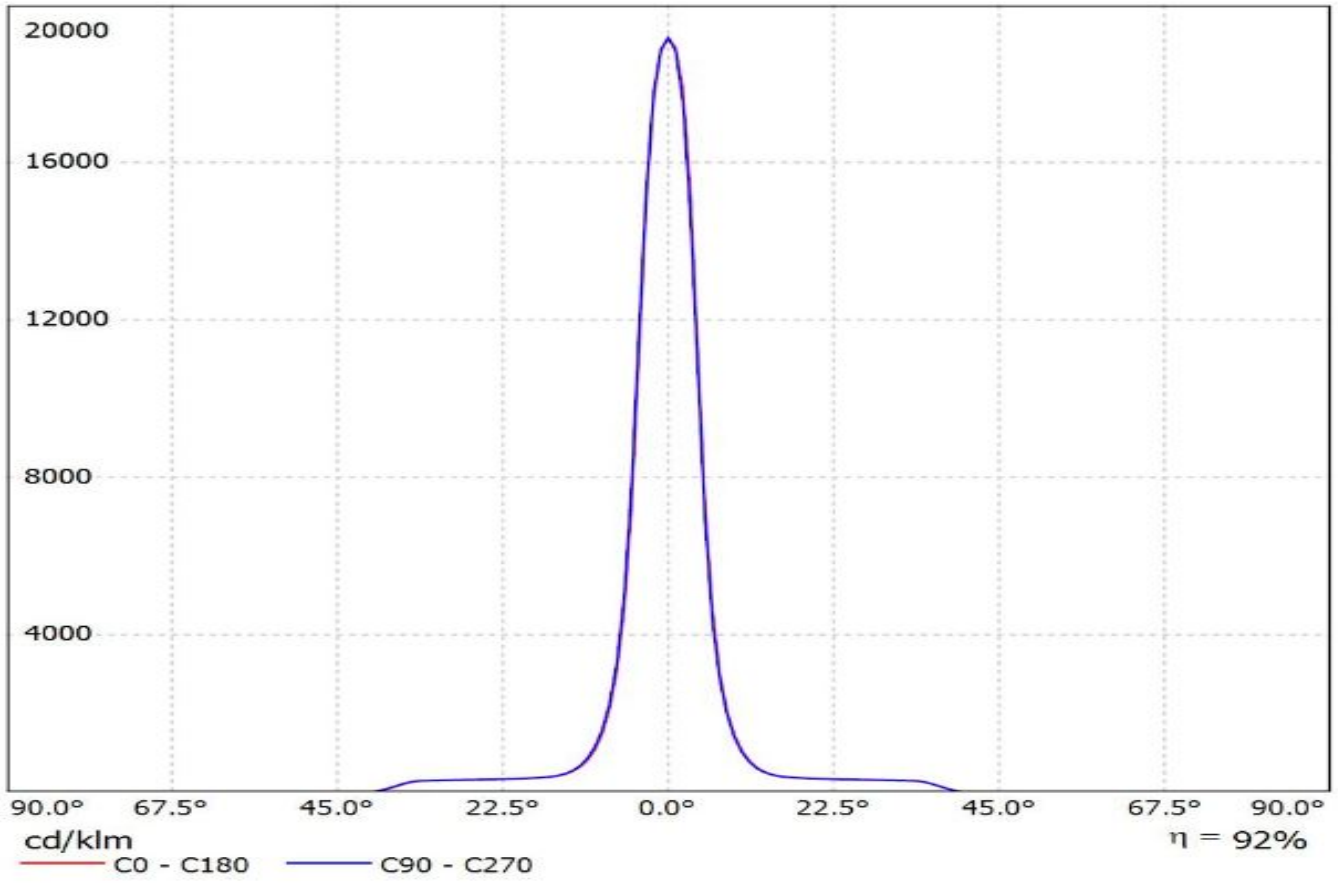


Luminaire: LEDiL Oy F13662_ANGELA-S-B_(SLE GEN4 LES19)
Lamps: 1 x SLE GEN4 LES19_1226.28lm@250mA_P=8.21367W_I=0.2498A



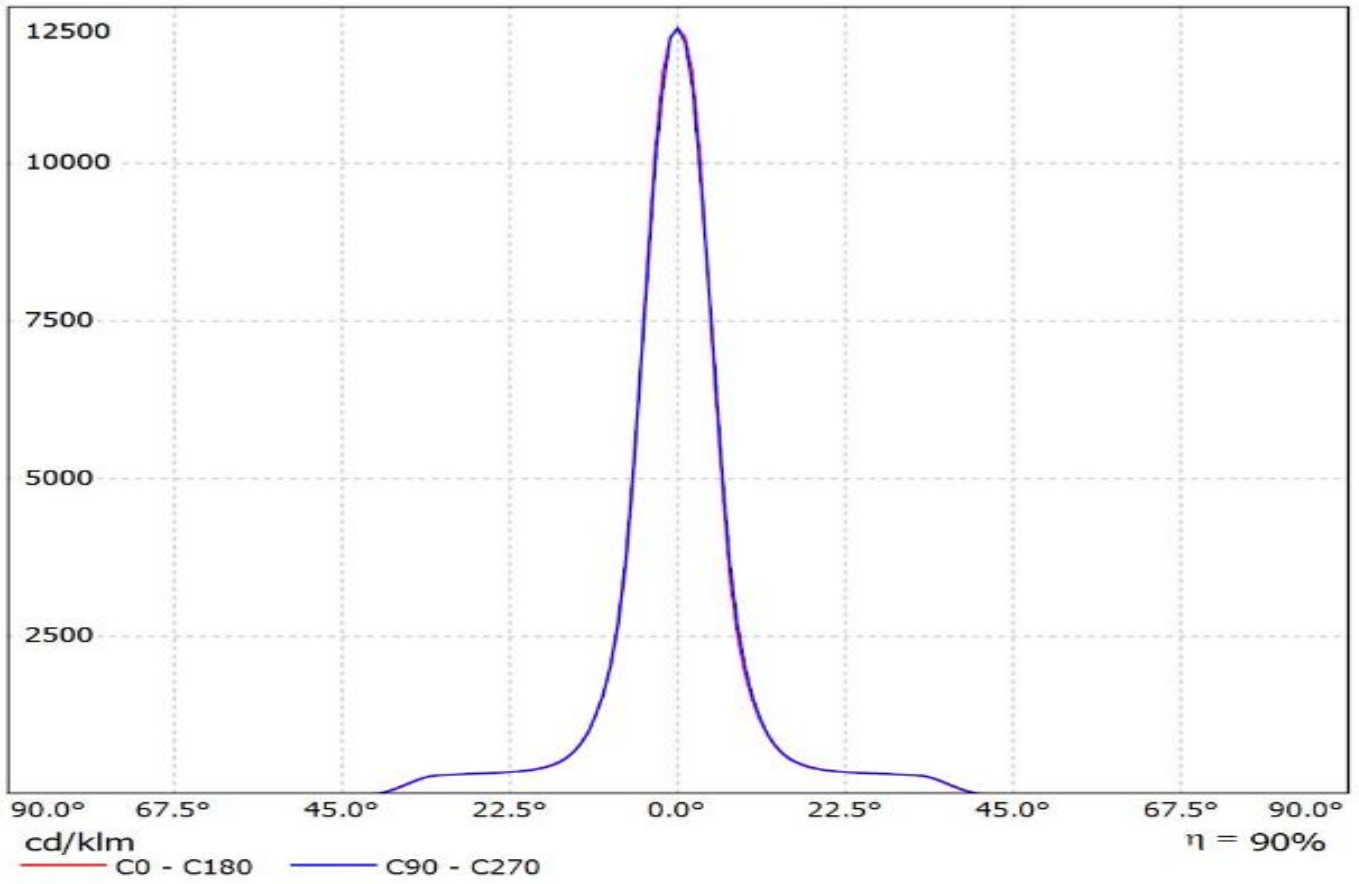
Luminaire: LEDiL Oy F13662_ANGELA-S-B_(SLE-G5_LES-15)

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

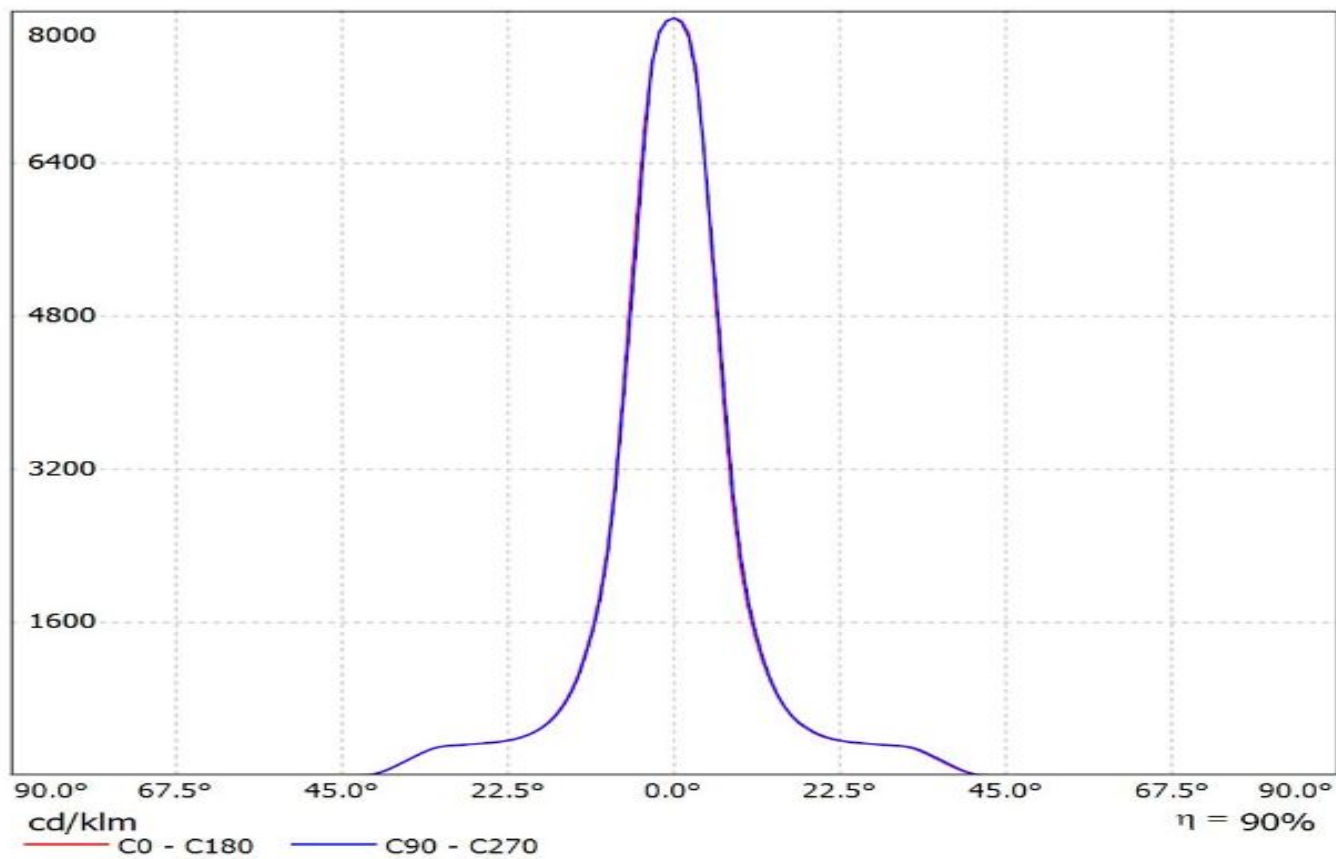


Luminaire: LEDiL Oy F13662_ANGELA-S-B_(SLE-G5_LES-19)

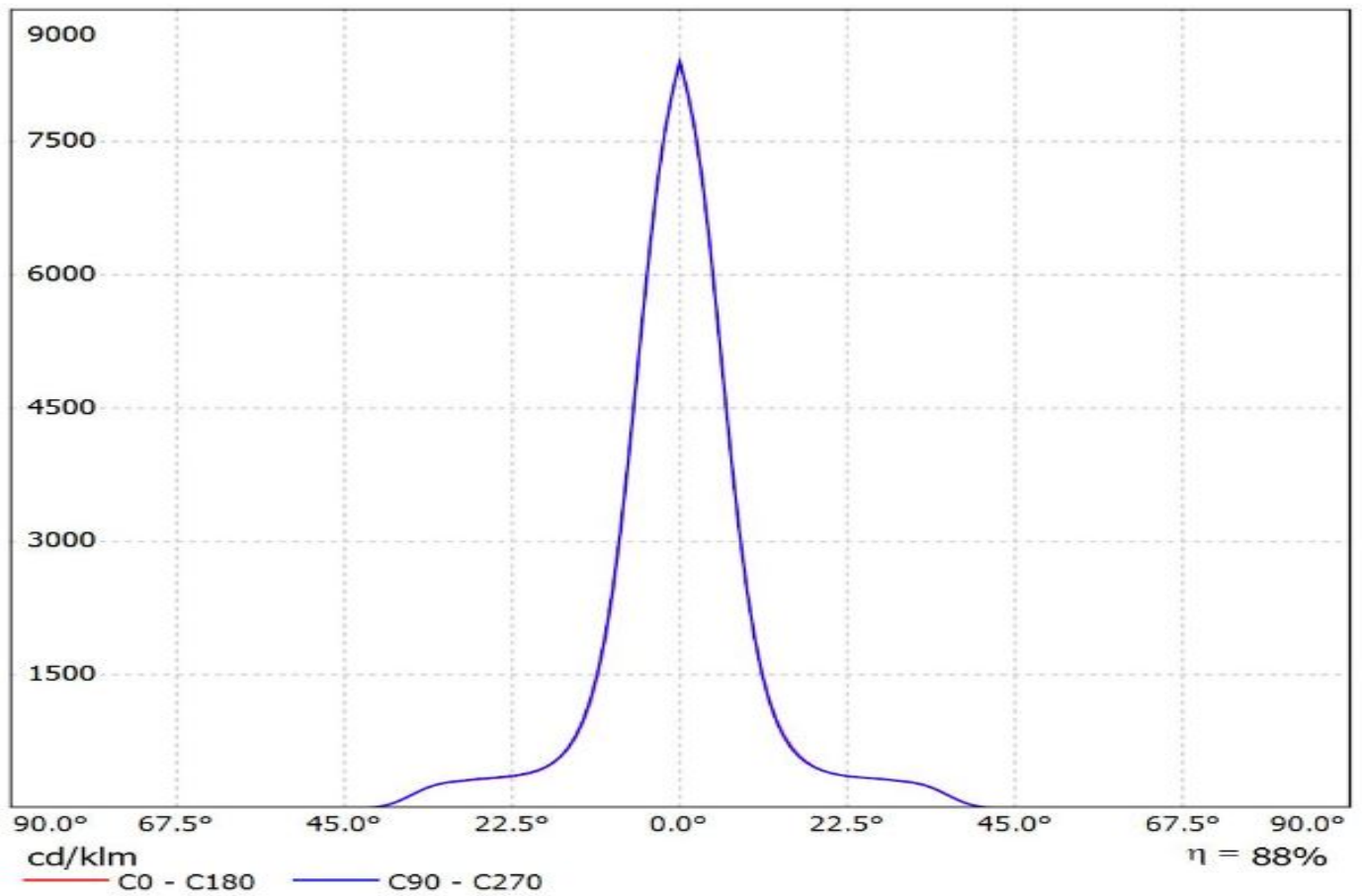
Lamps: 1 x Tridonic_SLE-G5_LES-19_1334.47lm@250mA_P=8.2224W_I=0.250A



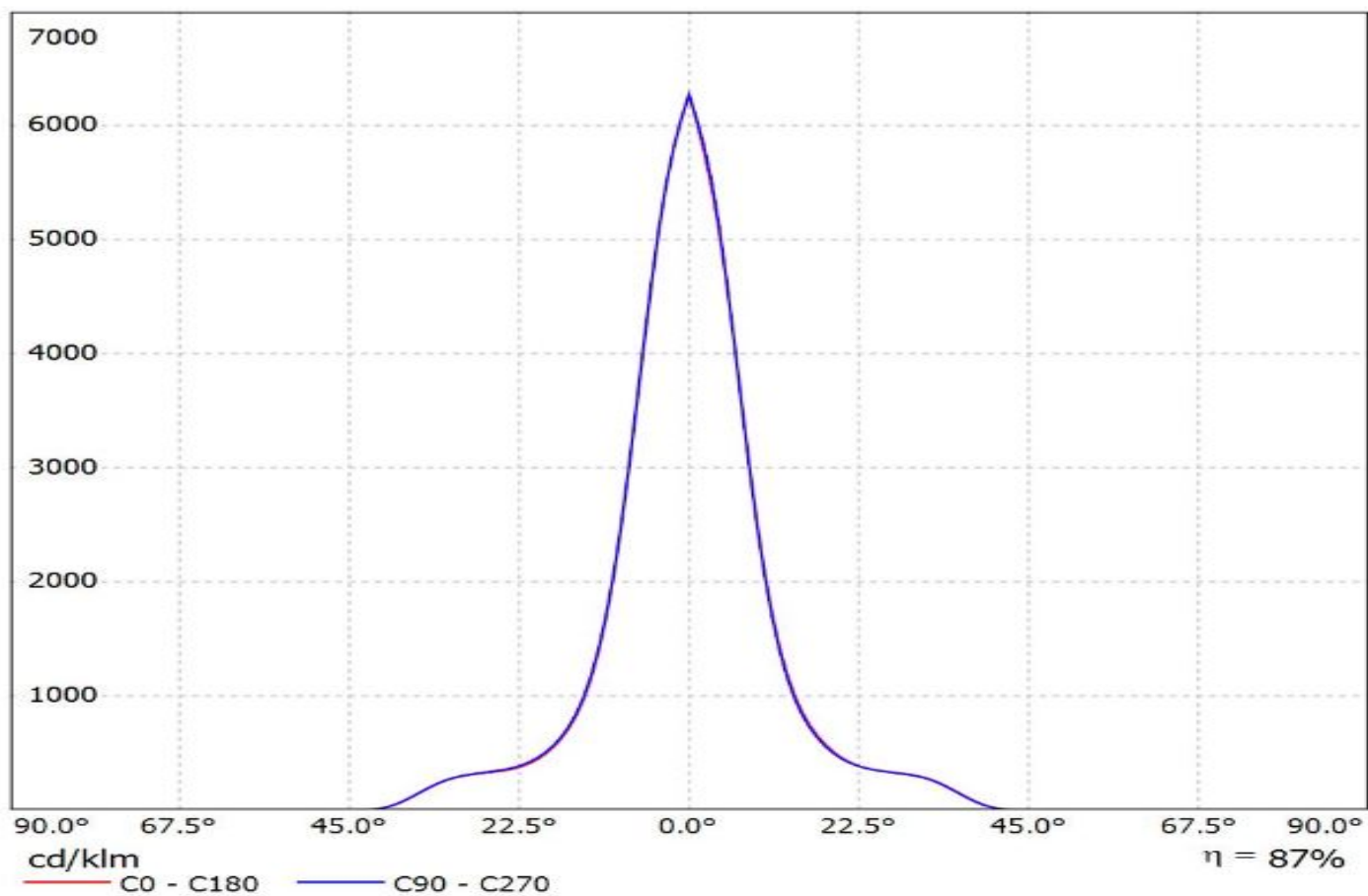
Luminaire: LEDiL Oy F13662_ANGELA-S-B_(SLE-G5_LES-23)
Lamps: 1 x Tridonic_SLE-G5_LES-23_1371.74lm@250mA_P=8.1065W_I=0.250A



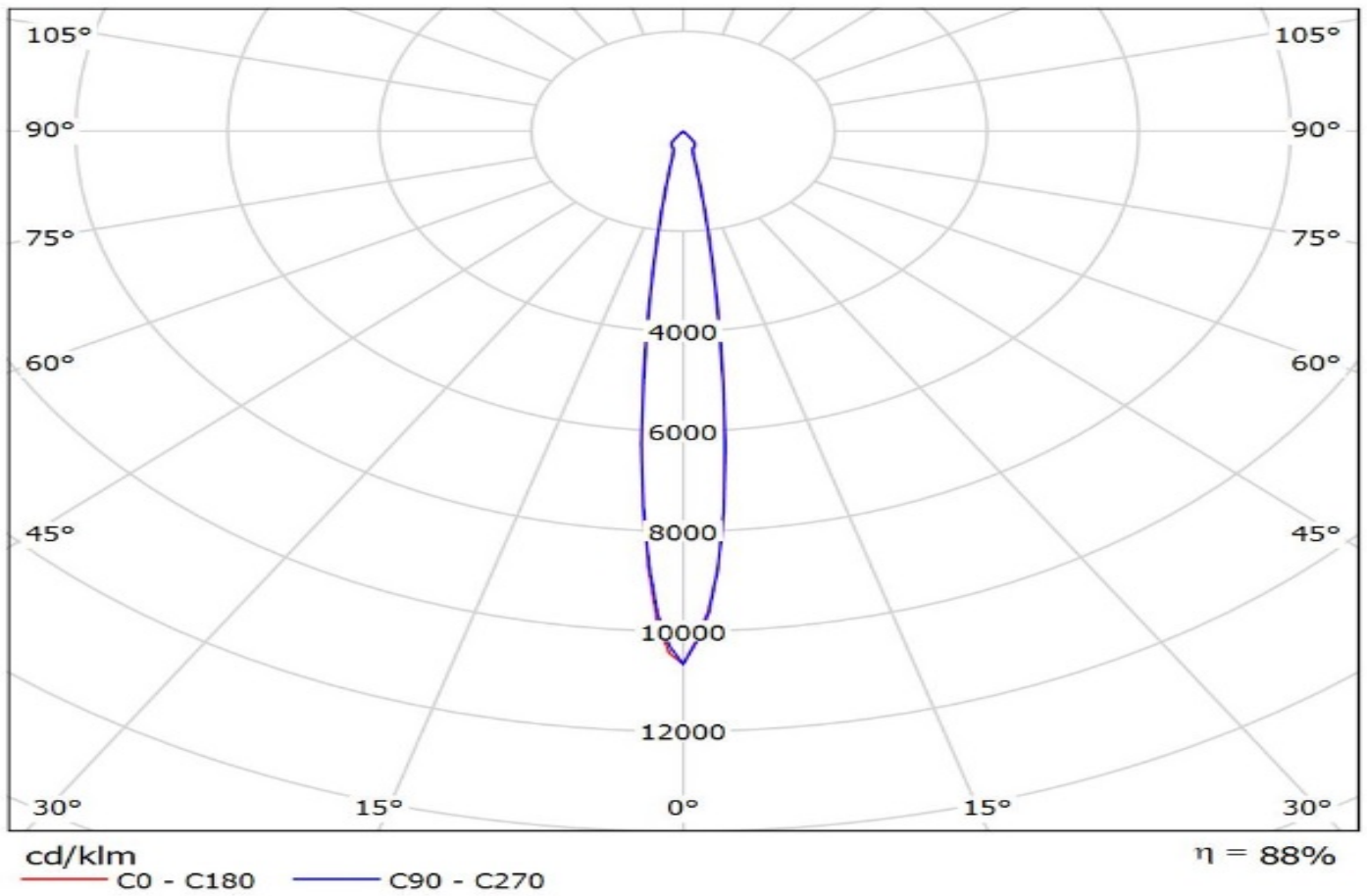
Luminaire: Ledil Oy F13662_ANGELA-S-B_TRIDONIC_SLE_G6_LES19_H_SIMULATED
Lamps: 1 x TRIDONIC SLE G6 LES19 H



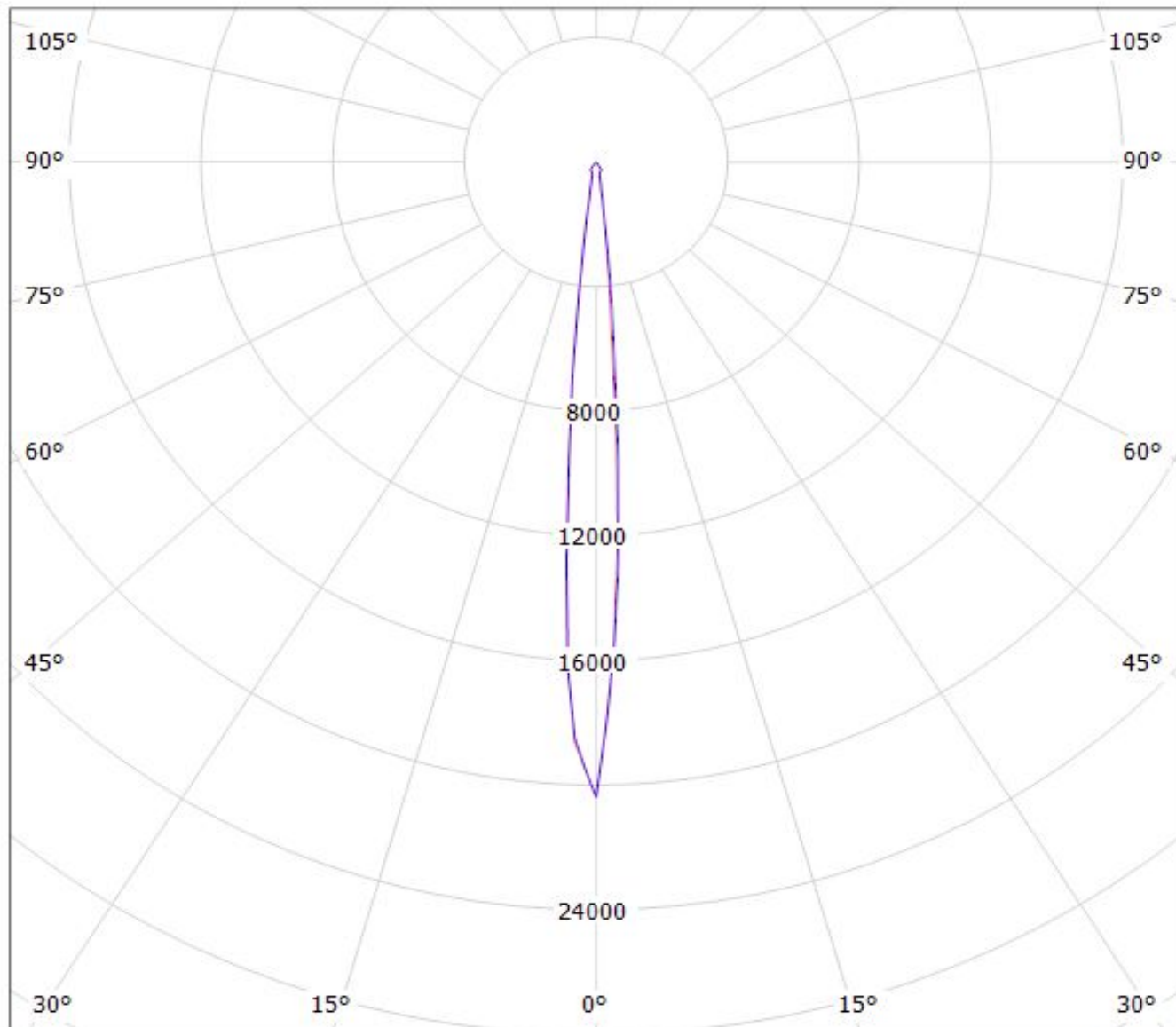
Luminaire: Ledil Oy F13662_ANGELA-S-B_TRIDONIC_SLE_G6_LES23_H_SIMULATED
Lamps: 1 x TRIDONIC SLE G6 LES23 H



Luminaire: Ledil Oy F13662_ANGELA-S-B_(SLE_G6_LES17_H)_SIMULATED
Lamps: 1 x Tridonic SLE G6 LES17 H



Luminaire: LEDiL Oy F13662_ANGELA-S-B_(BXRA_ES) Eff.93.7%
Lamps: 1 x Bridgelux_BXRA_ES_287.055lm@250mA_P=4.09486W_I=249.9mA

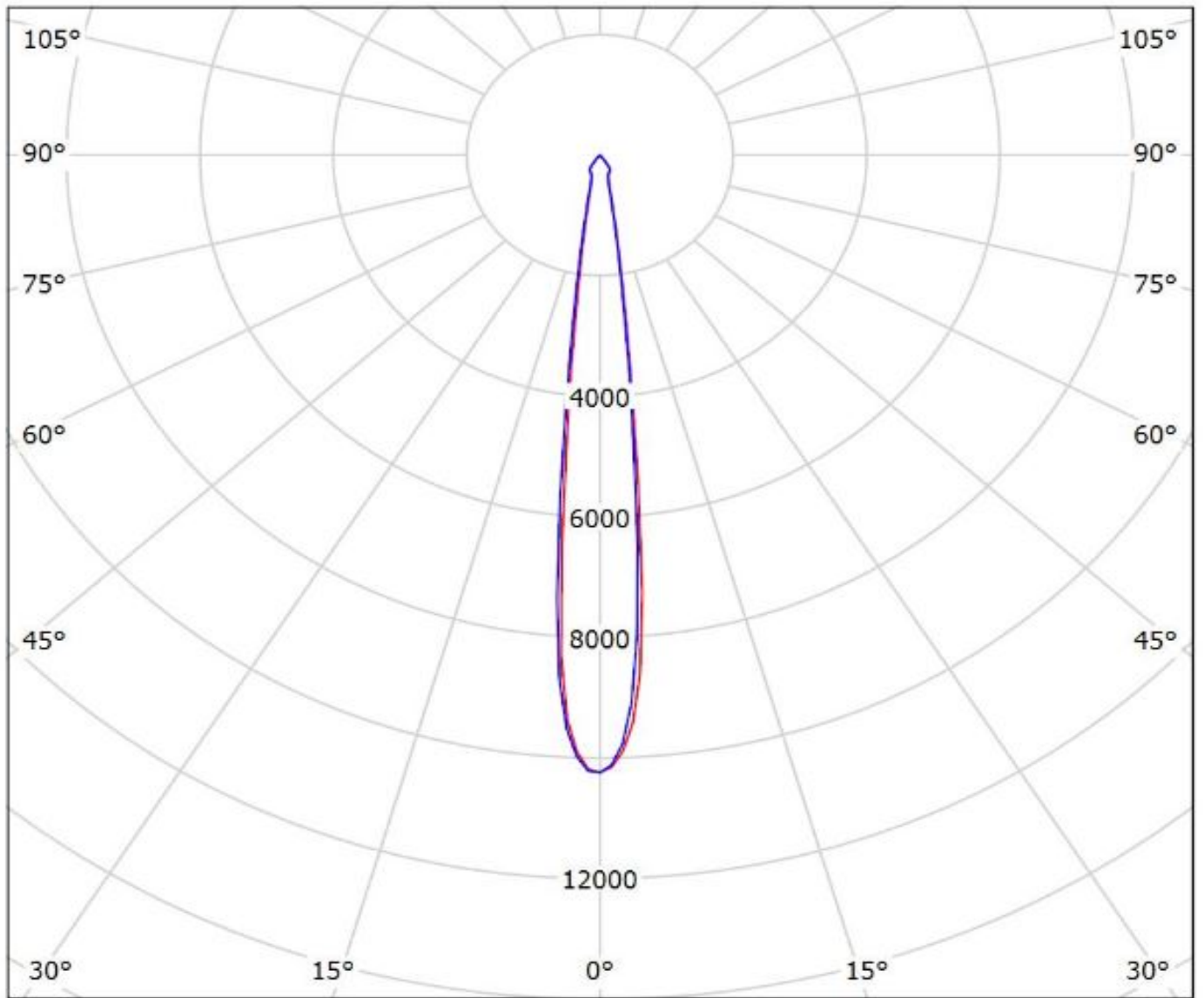


cd/klm

$\eta = 94\%$

— C0 - C180 — C90 - C270

Luminaire: Ledil F13662_ANGELA-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

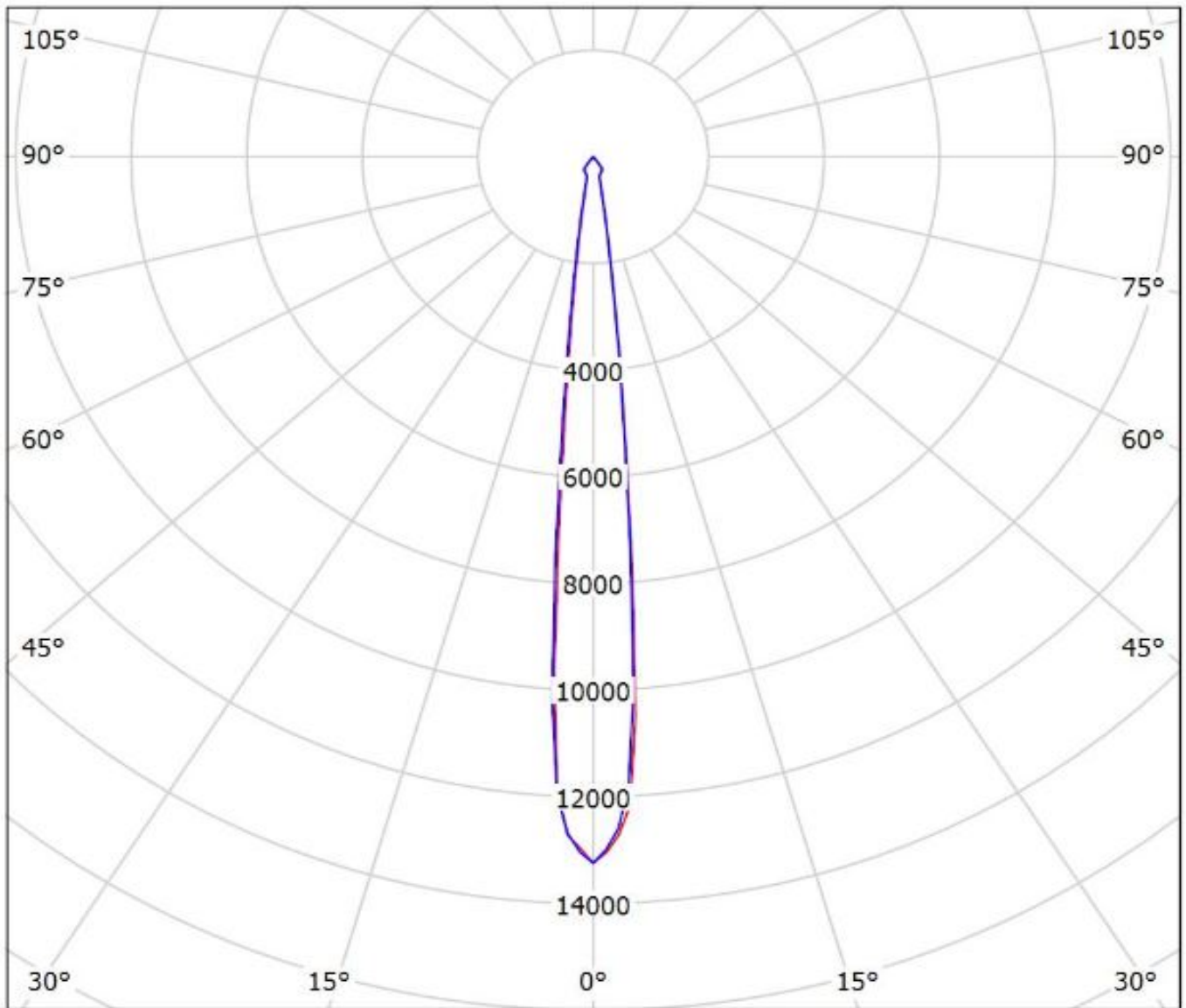


cd/klm
— C0 - C180 — C90 - C270

$\eta = 89\%$

Luminaire: Ledil F13662_ANGELA-S-B_(V15+BJB)

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



cd/klm

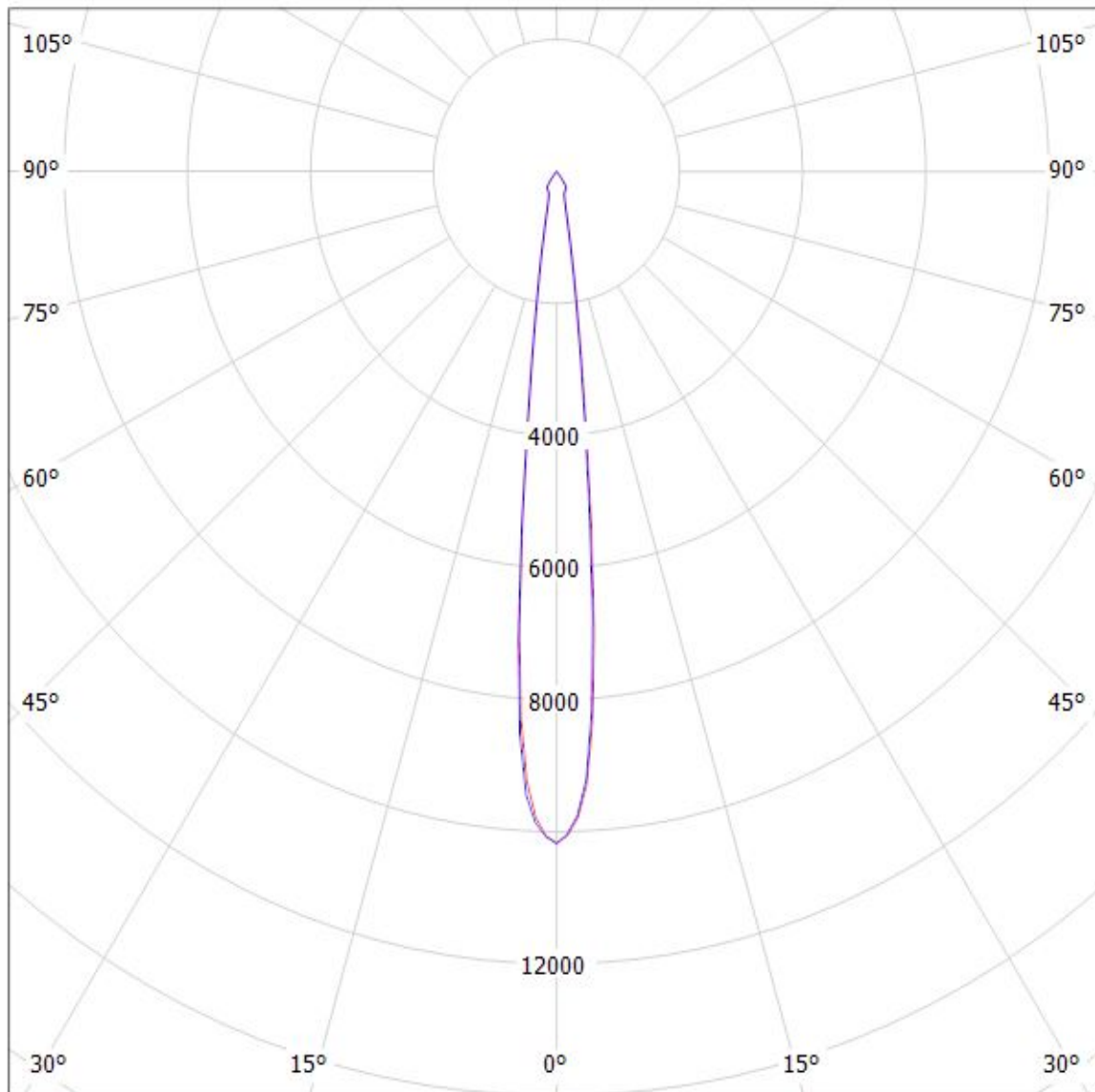
— C0 - C180

— C90 - C270

$\eta = 89\%$

Luminaire: LEDiL Oy F13662_ANGELA-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

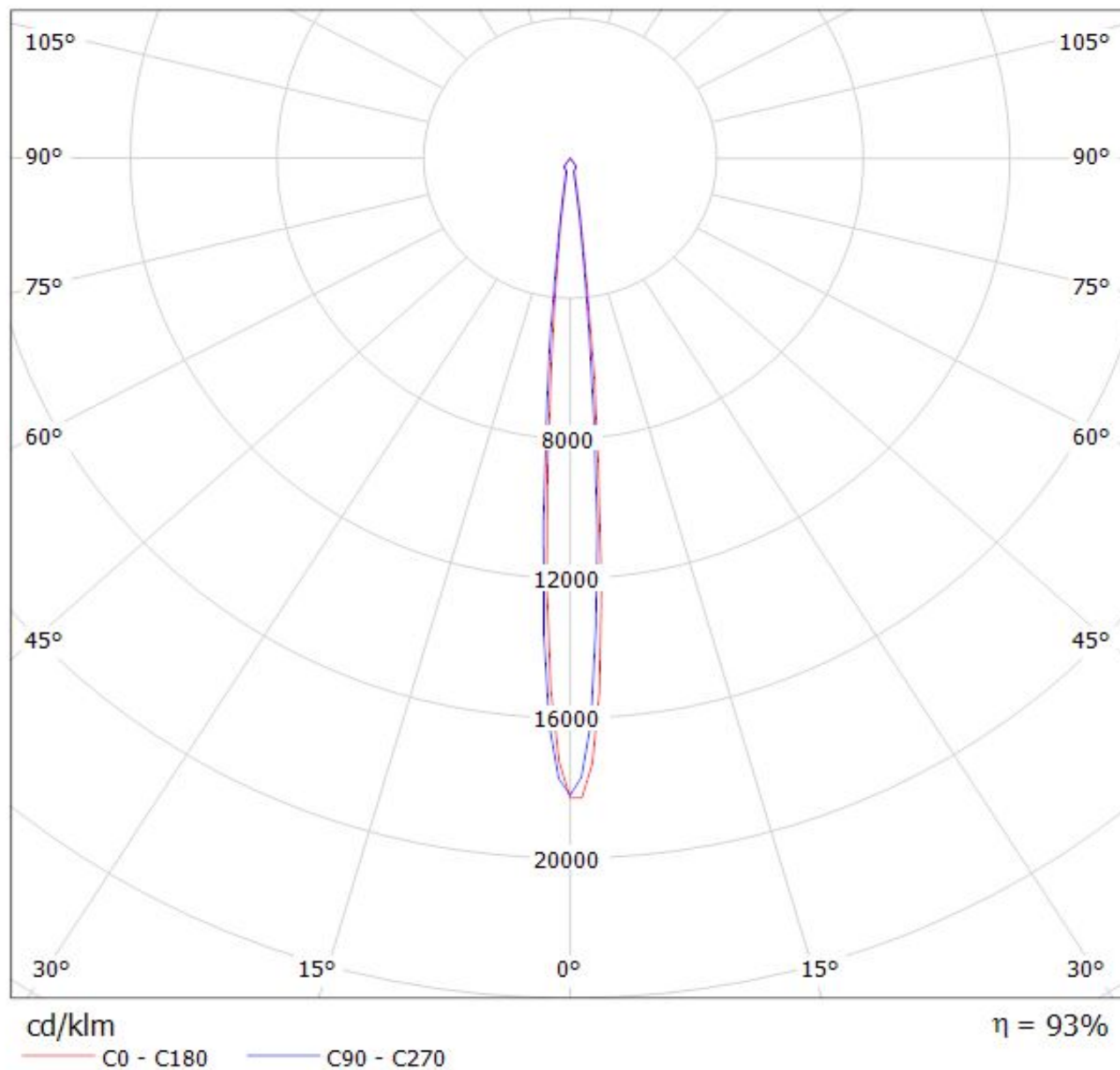
η = 91%

— C0 - C180

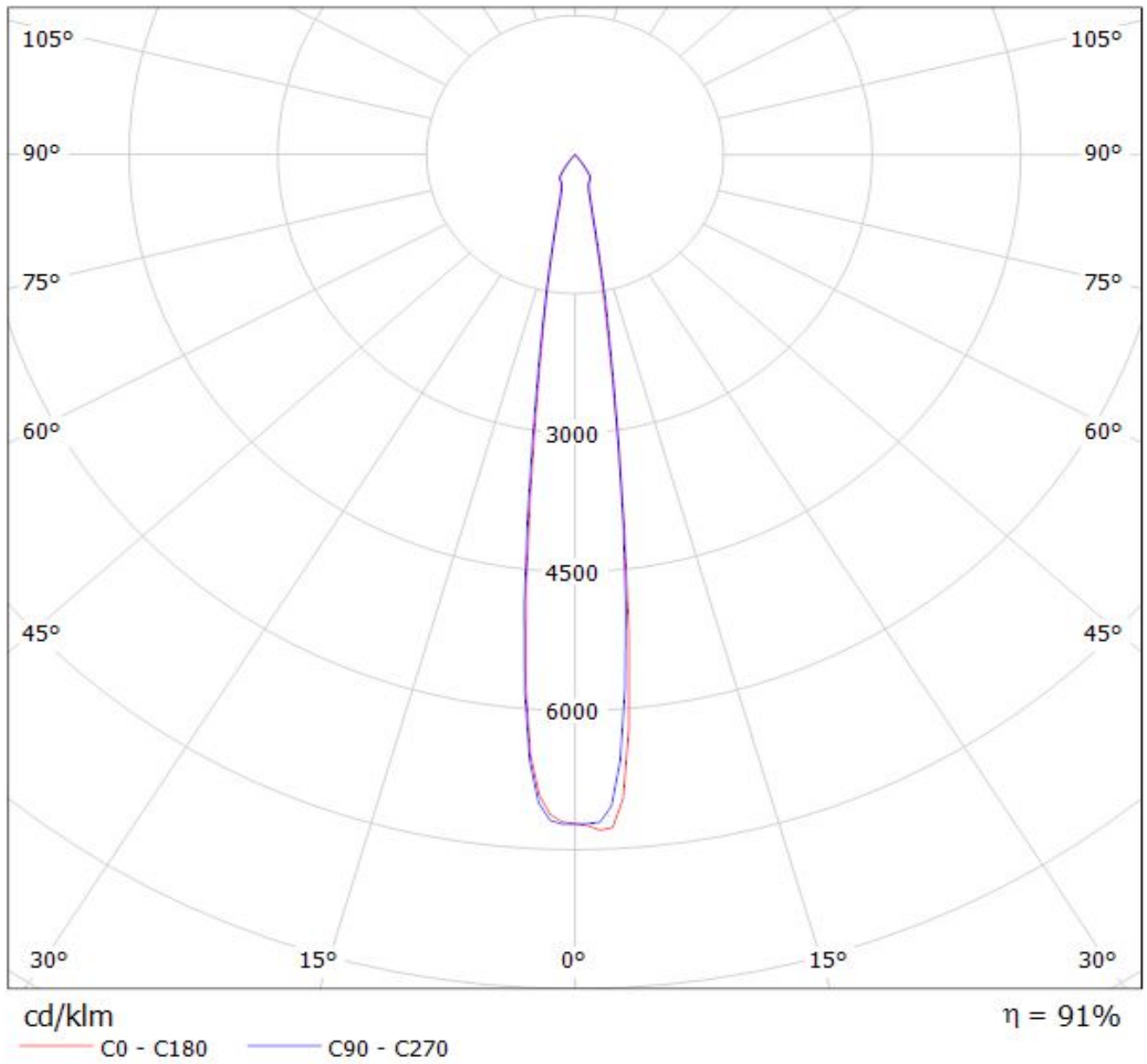
— C90 - C270

Luminaire: LEDiL Oy F13662_ANGELA-S-B_(CLL030)

Lamps: 1 x CITIZEN_CLL030_(CLL030-1206A1-303M1A2)_1046.22lm@250mA_P=8.46761W_I=249.9mA

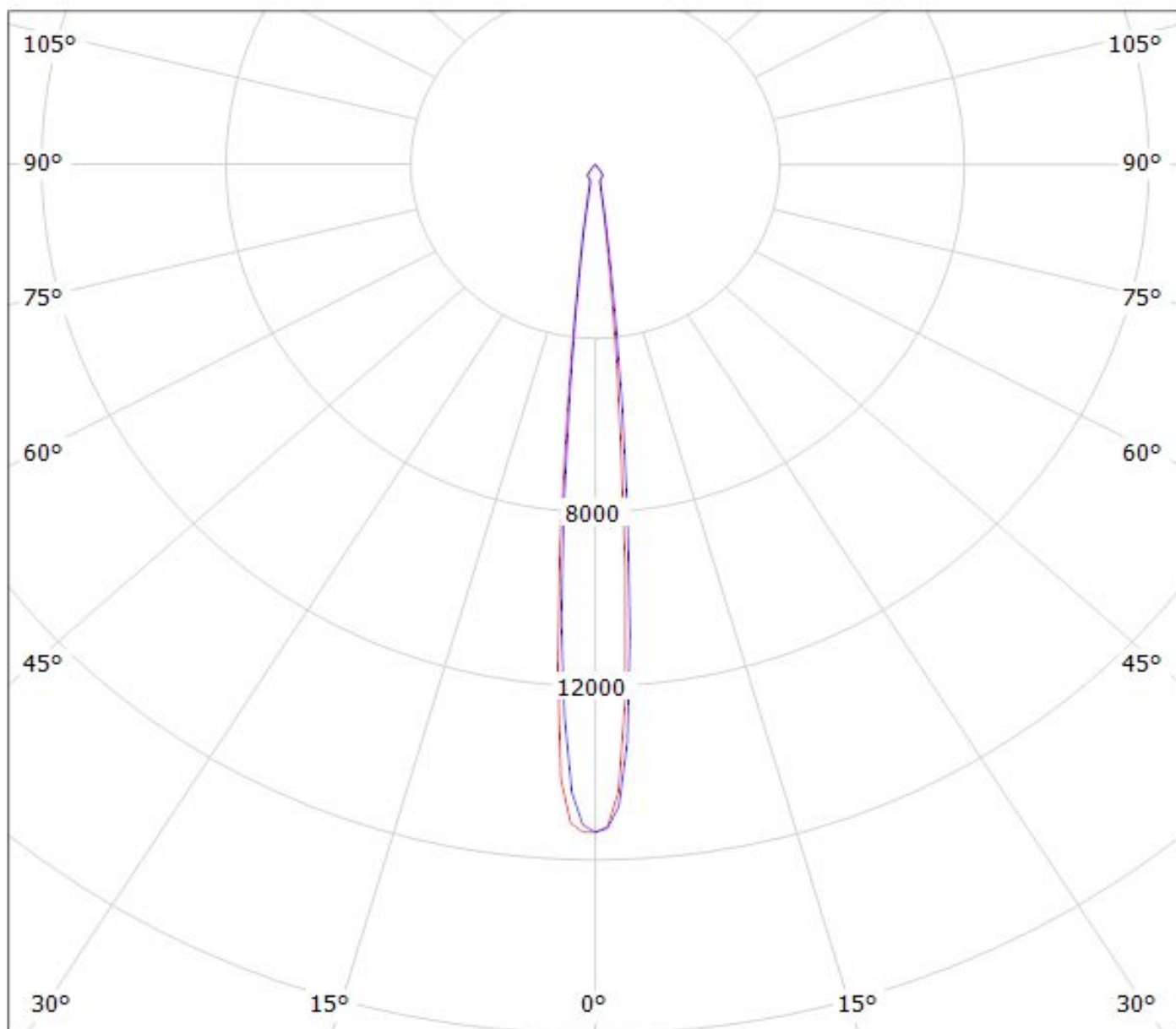


Luminaire: LEDiL Oy F13662_ANGELA-S-B_(CLL040) Eff.91.6%
Lamps: 1 x Citizen_CLL040_1011.32lm@250mA_P=8.24545W_I=249.9mA



Luminaire: LEDiL Oy F13662_ANGELA-S-B_(CLU034)

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



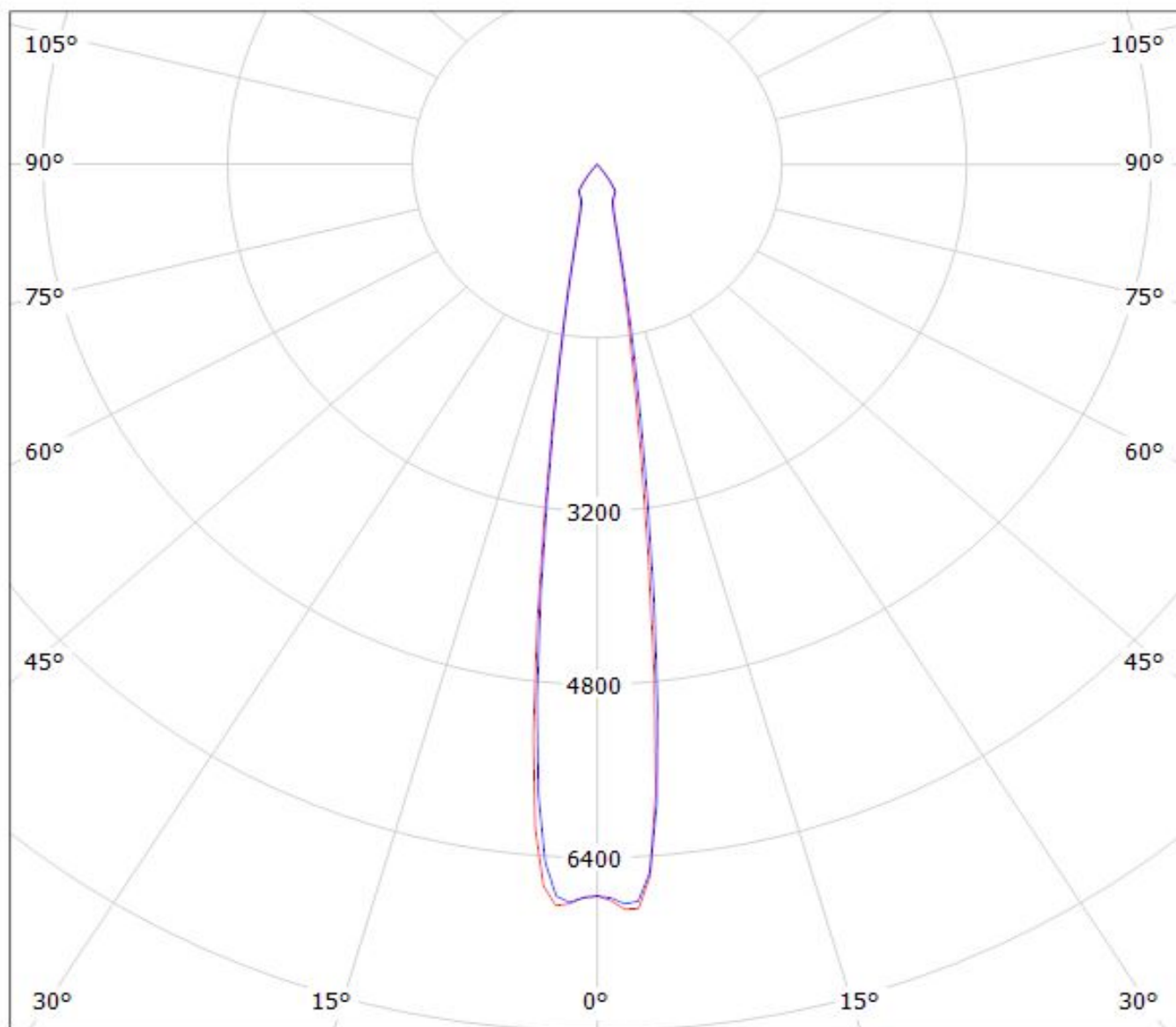
cd/klm

— C0 - C180 — C90 - C270

$\eta = 93\%$

Luminaire: LEDiL Oy F13662_ANGELA-S-B (CLU044)

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



cd/klm

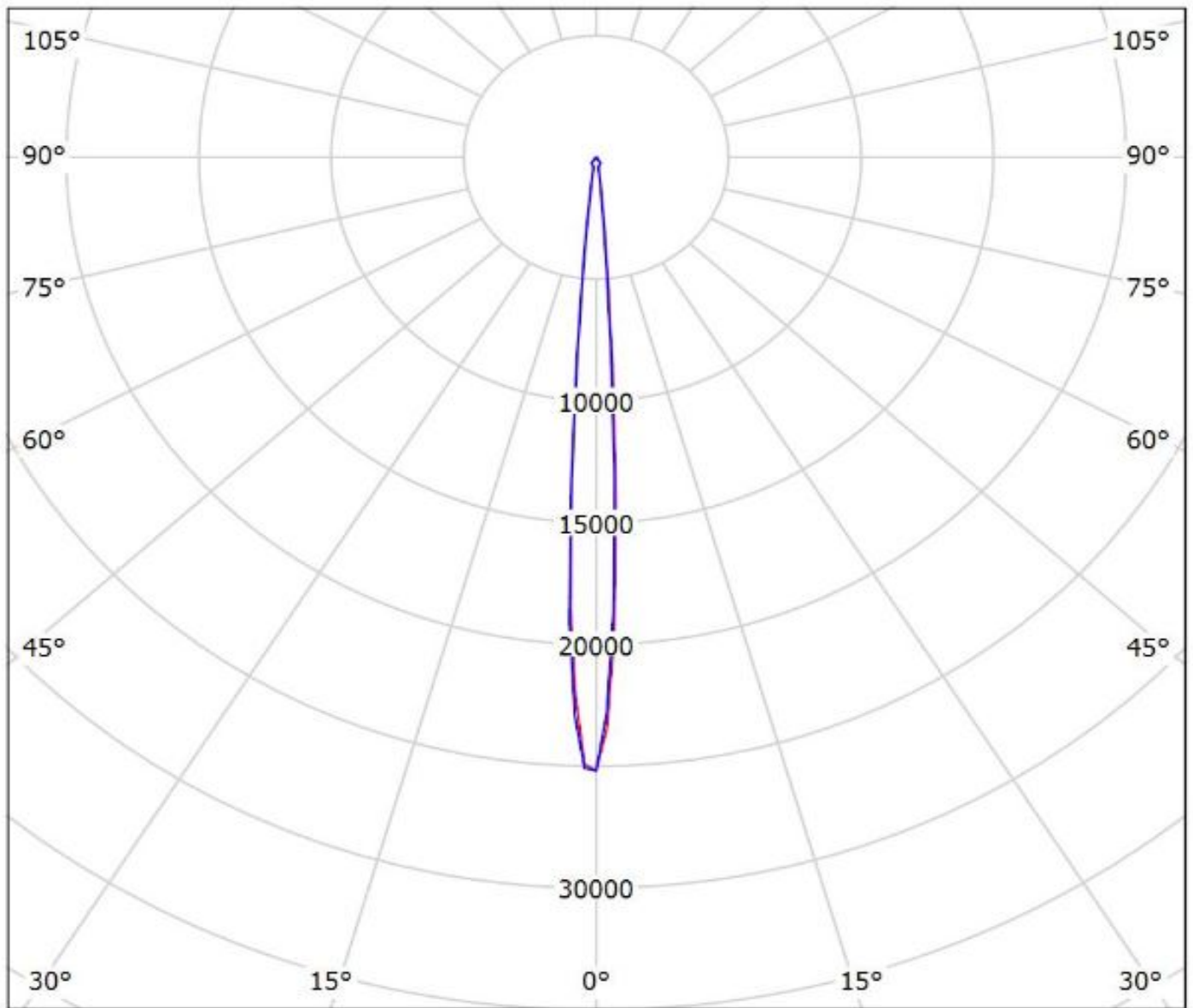
— C0 - C180

— C90 - C270

$\eta = 91\%$

Luminaire: Ledil F13662_ANGELA-S-B_(CITIZEN_CLU720)

Lamps: 1 x CITIZEN_CLU720_(BJB: 47.319.2020)_1316.23lm@250mA_CCT=2700K_P=8.35W_I=0.25A

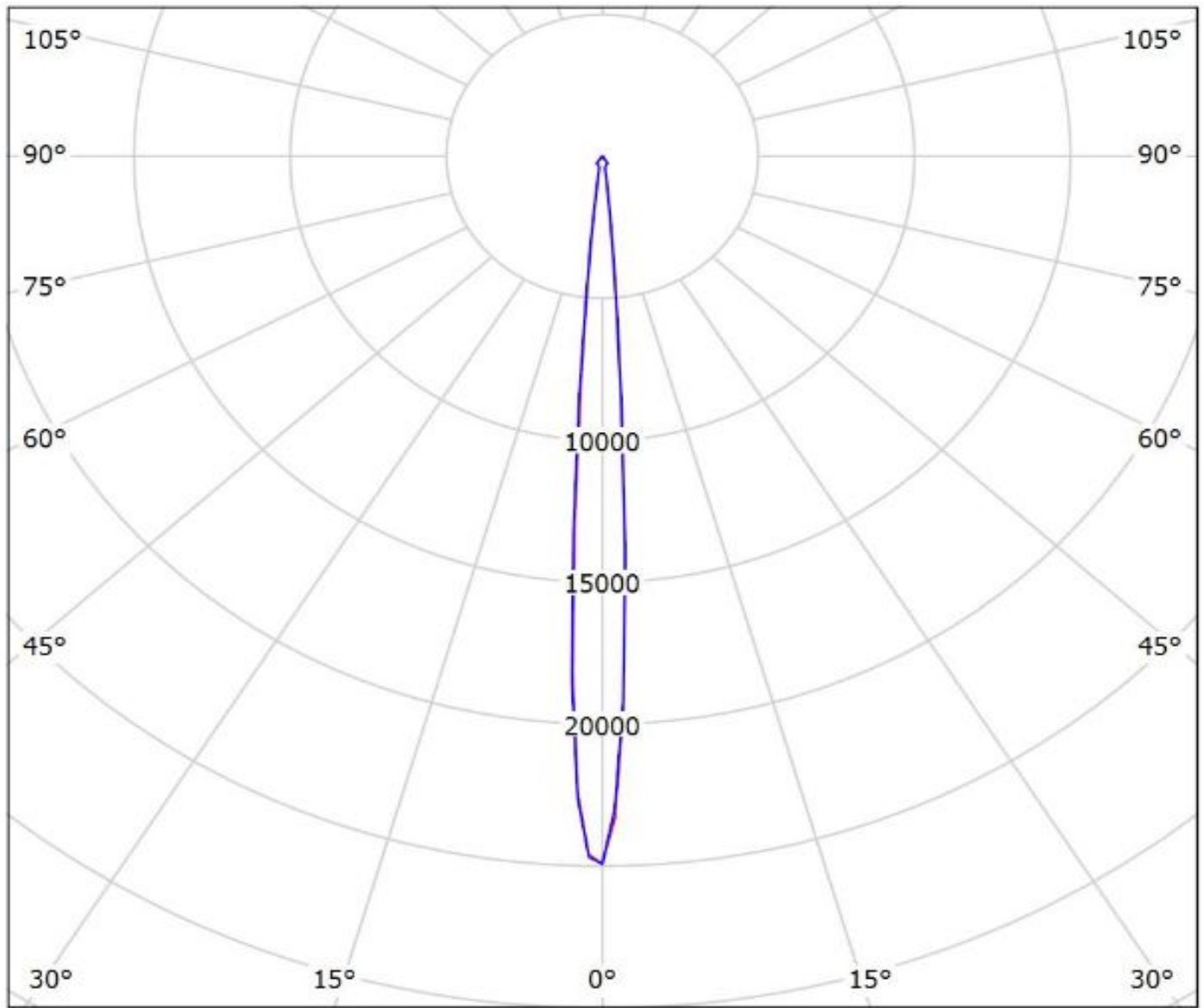


cd/klm

— C0 - C180 — C90 - C270

$\eta = 95\%$

Luminaire: Ledil F13662_ANGELA-S-B_(CITIZEN_CLU720)
Lamps: 1 x CITIZEN_CLU720_(CLU720-1206B8-273M2)
_1320.42lm@250mA_CCT=2700K_P=8.35W_I=0.25A

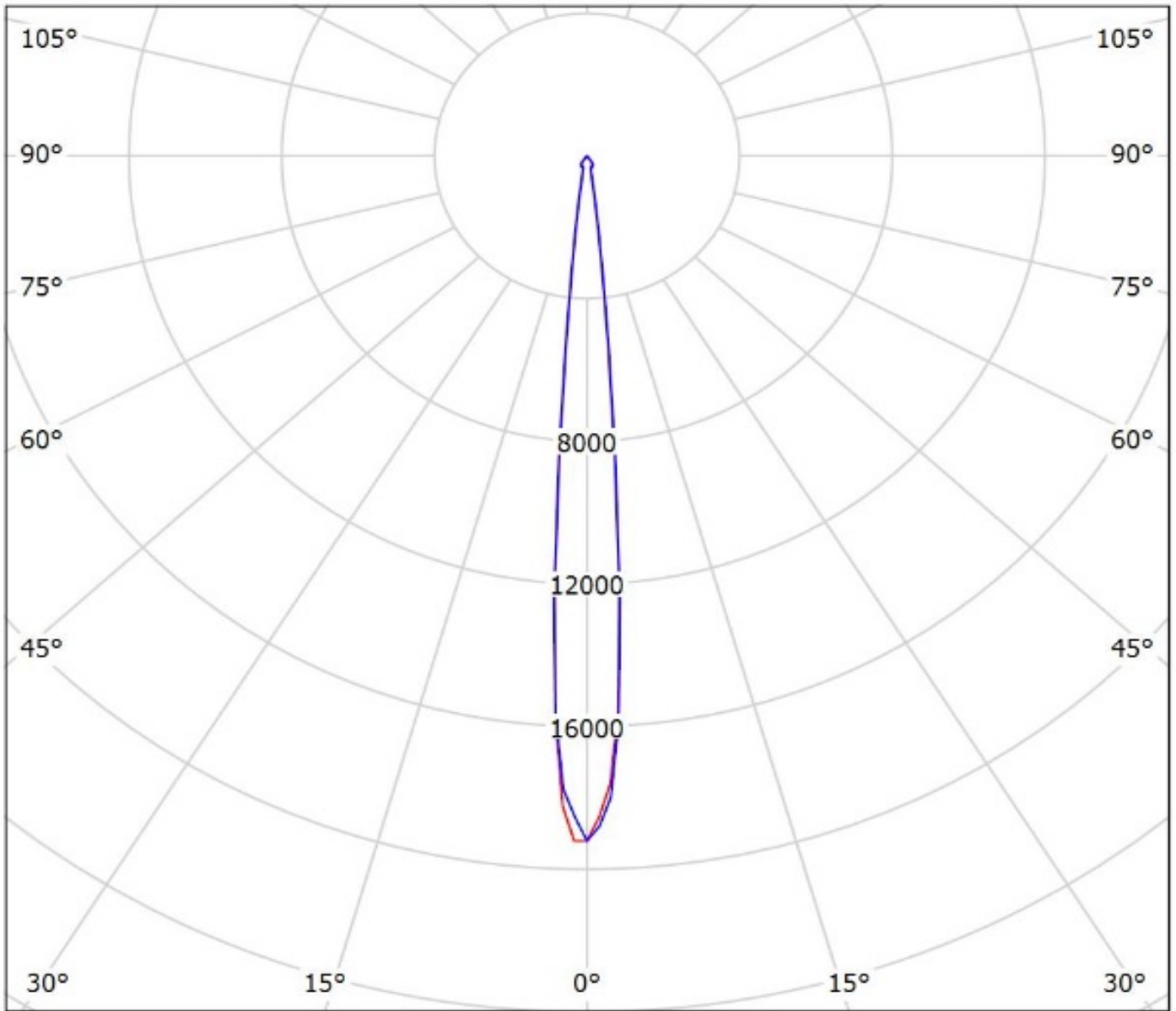


cd/klm

— C0 - C180 — C90 - C270

$\eta = 95\%$

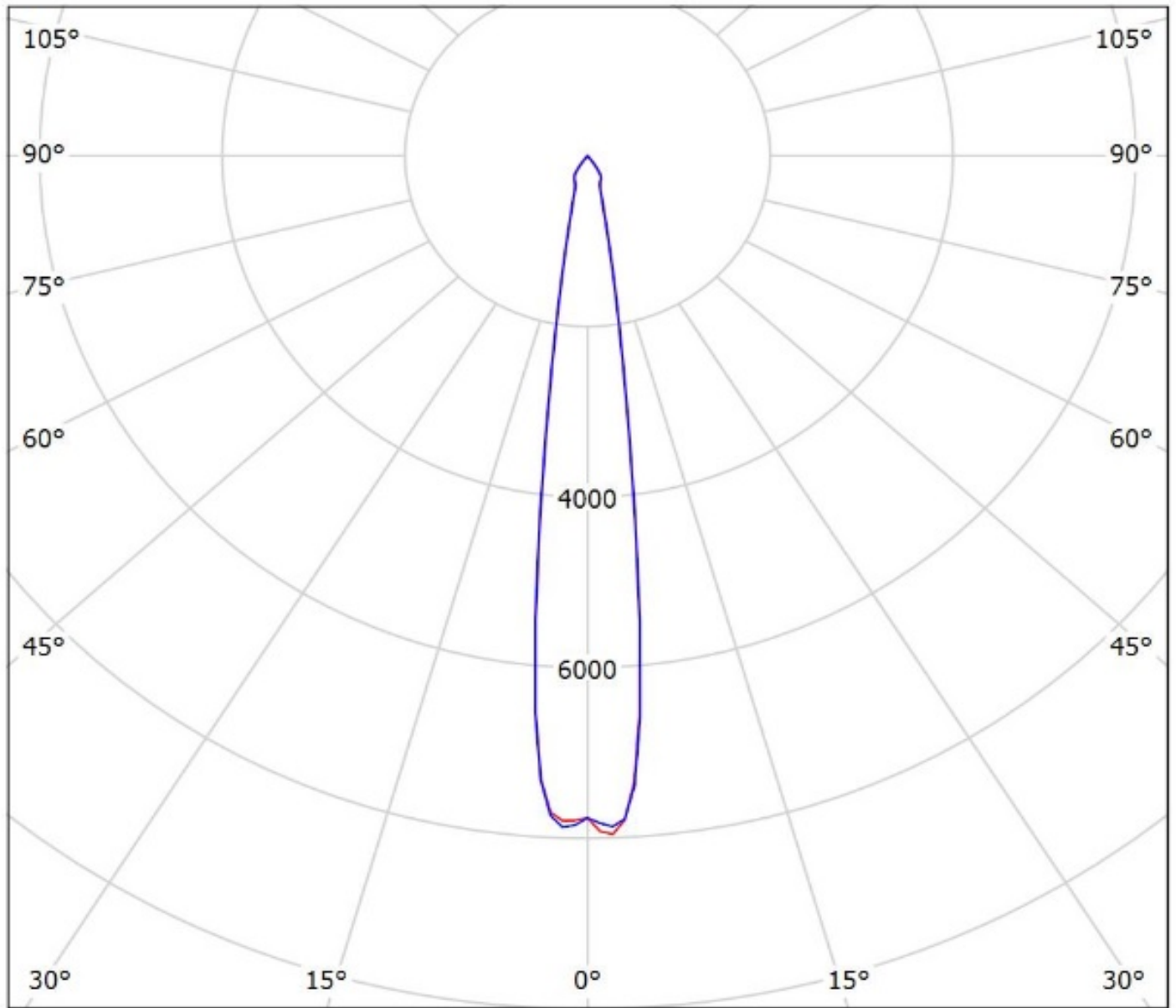
Luminaire: Ledil Oy F13662_ANGELA-S-B_(CLU038)_(47_319_2021)_SIMULATED
Lamps: 1 x Citizen CLU038-1210C4-303M2K1 + BJB 47.319.2021 connector



cd/klm
— C0 - C180 — C90 - C270

$\eta = 94\%$

Luminaire: Ledil Oy F13662_ANGELA-S-B_(CLU048)_(47_319_2030)_SIMULATED
Lamps: 1 x Citizen CLU048-1818C4-303M2K1 + BJB 47.319.2030



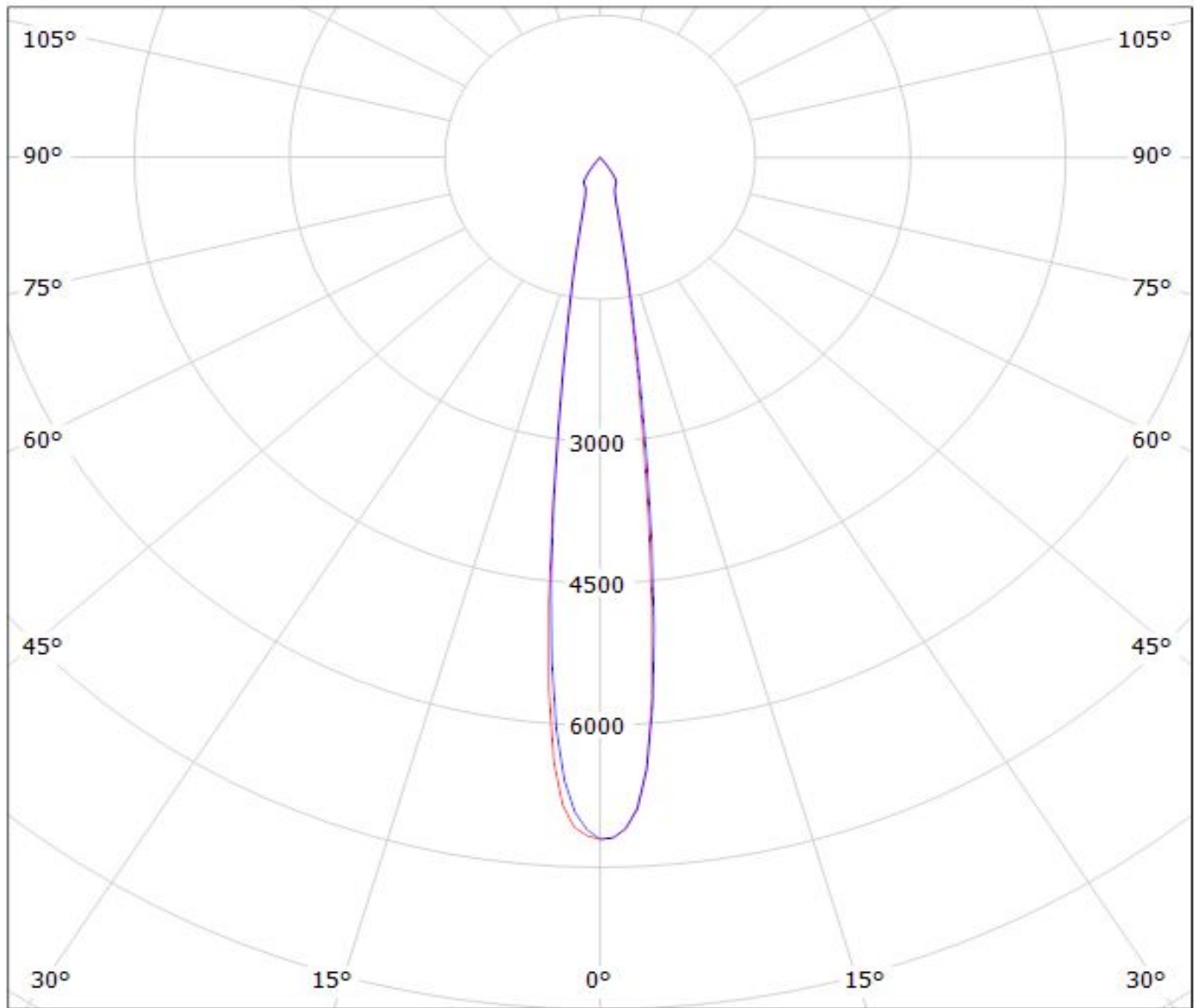
cd/klm

— C0 - C180 — C90 - C270

$\eta = 93\%$

Luminaire: LEDiL Oy F13662_ANGELA-S-B_(CXA30)

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



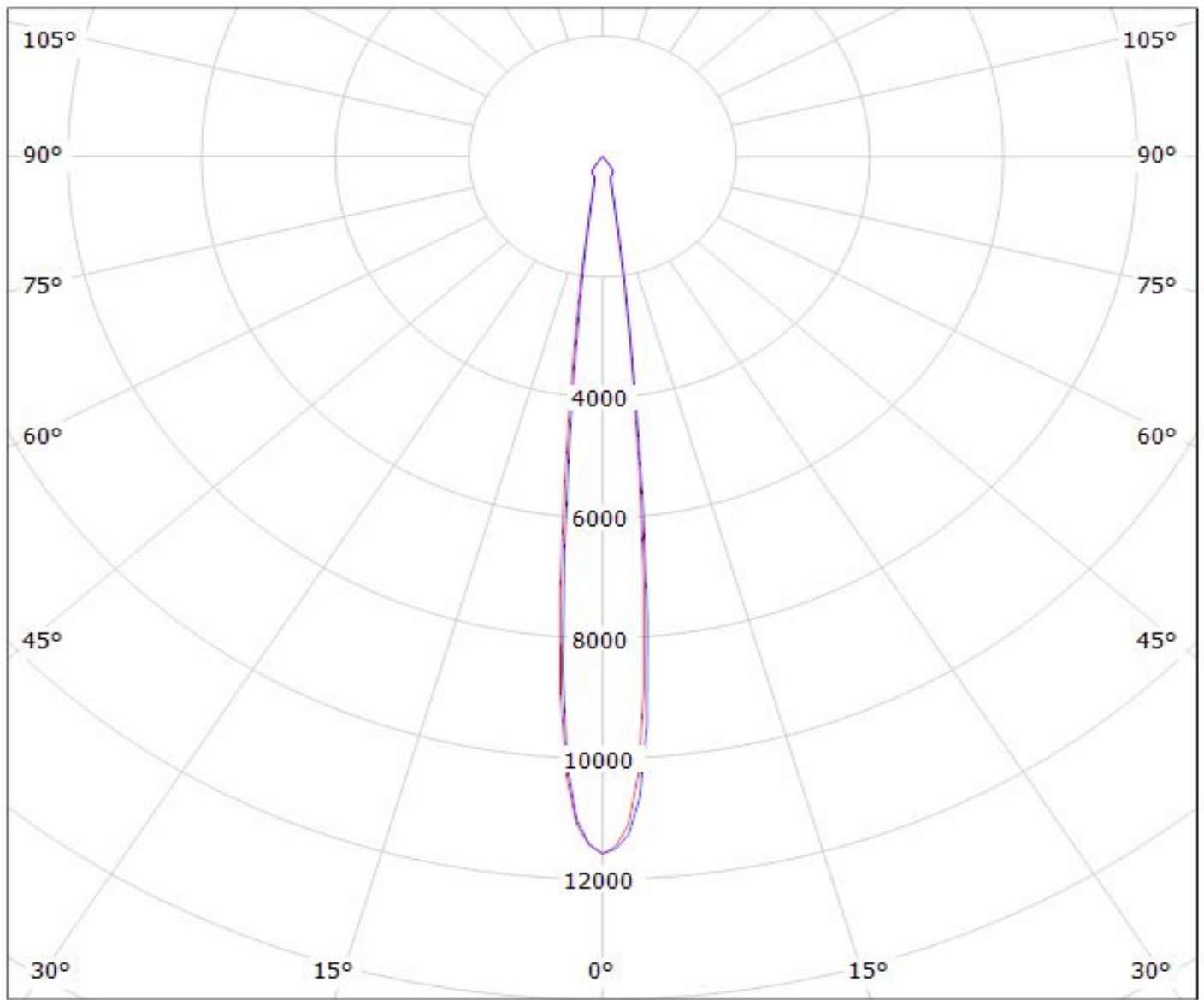
cd/klm

— C0 - C180

— C90 - C270

$\eta = 91\%$

Luminaire: LEDiL Oy F13662_ANGELA-S-B_(CXA2590)
Lamps: 1 x CREE_CXA2590_(CXA2590-30F-Z4-RPH-00001)
_837.275lm@100mA_CCT=3000K_P=6.36316W_I=100.1mA

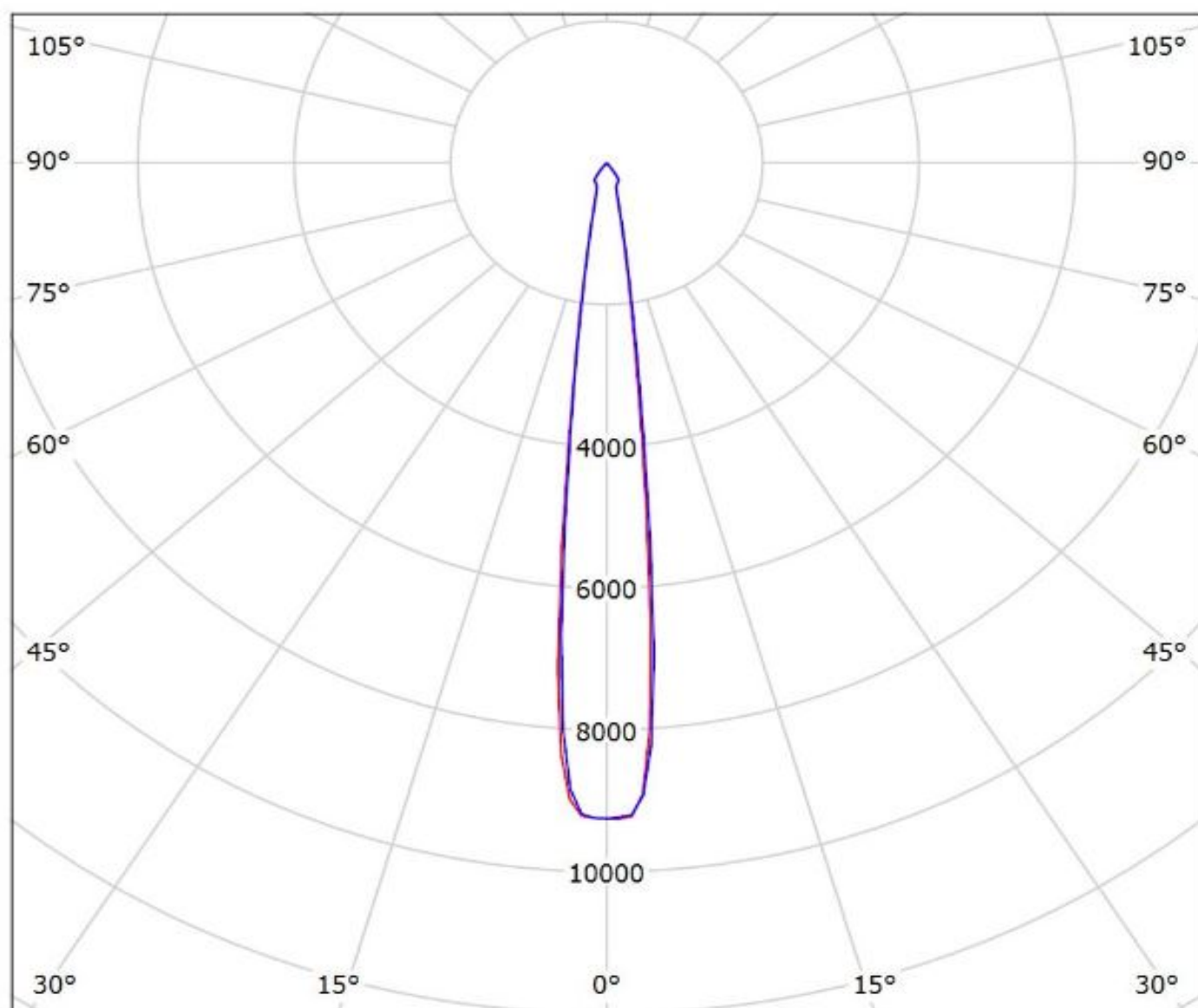


cd/klm

$\eta = 92\%$

— C0 - C180 — C90 - C270

Luminaire: Ledil F13662_ANGELA-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

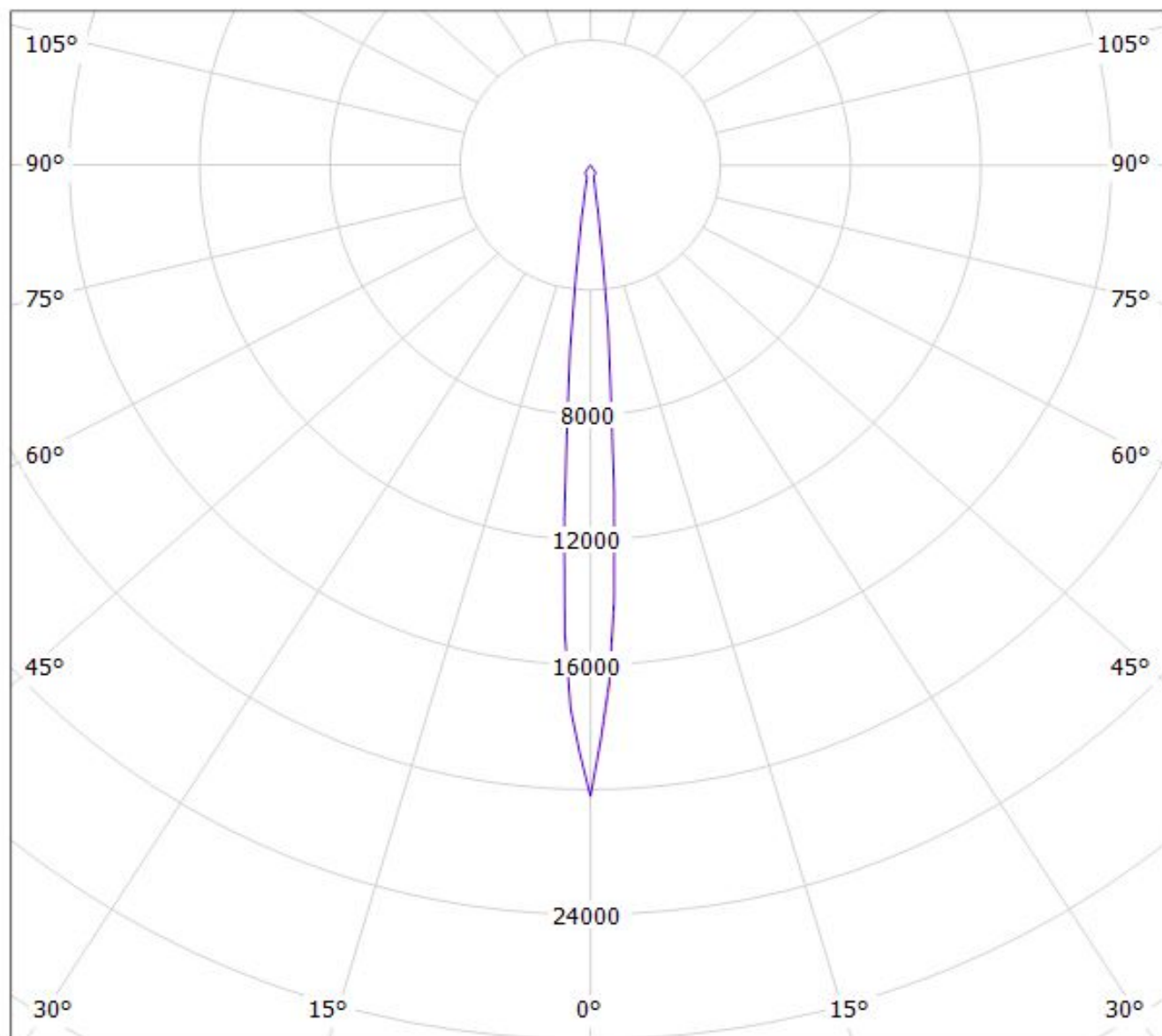


cd/klm

— C0 - C180 — C90 - C270

$\eta = 89\%$

Luminaire: LEDiL Oy F13662_ANGELA-S-B_(COB-10W)
Lamps: 1 x LG_COB-10W_1065.13lm@250mA_P=9.09921W_I=249.8mA



cd/klm

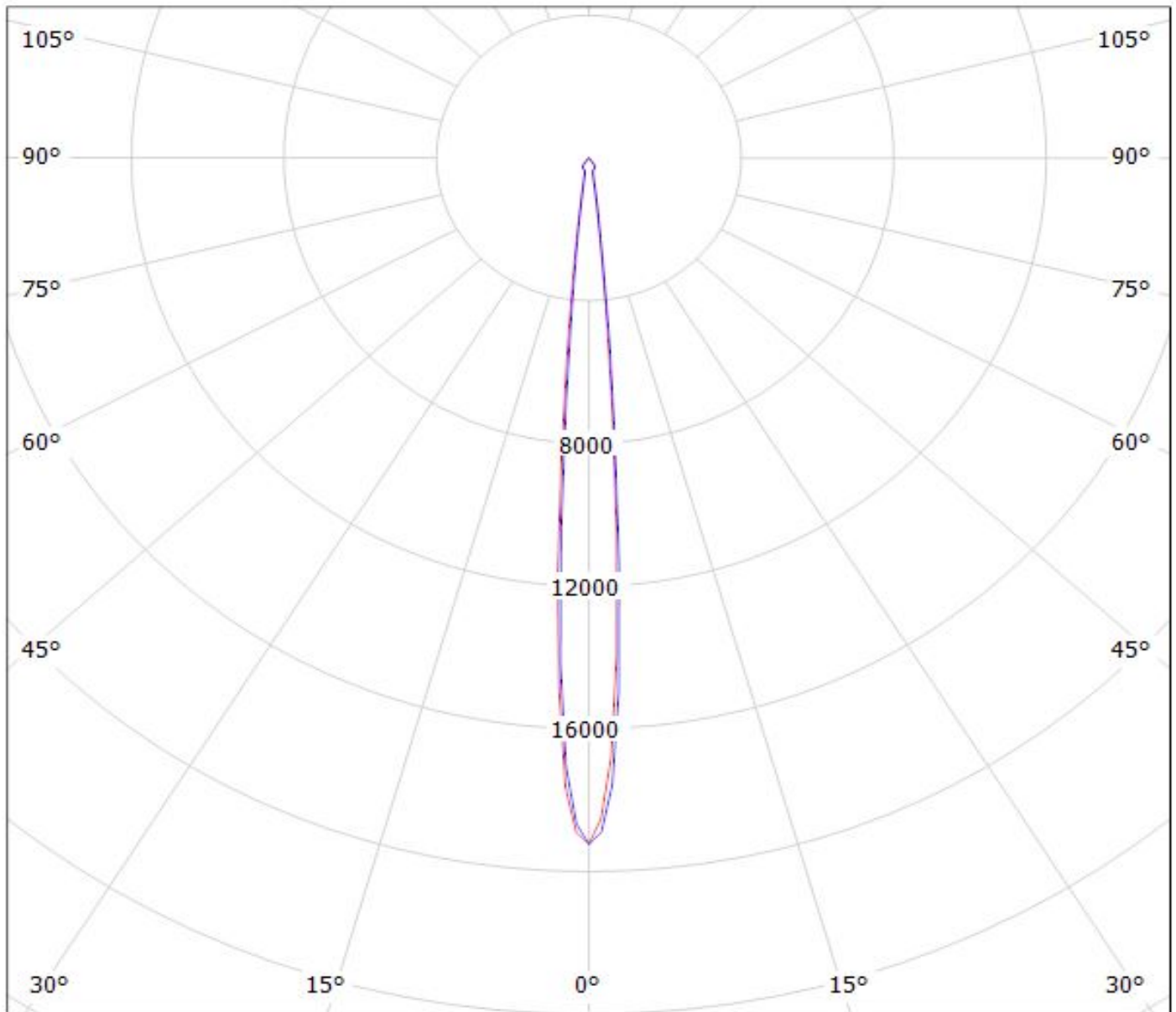
$\eta = 95\%$

— C0 - C180

— C90 - C270

Luminaire: LEDiL Oy F13662_ANGELA-S-B_(LG_COB_10W)

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



cd/klm

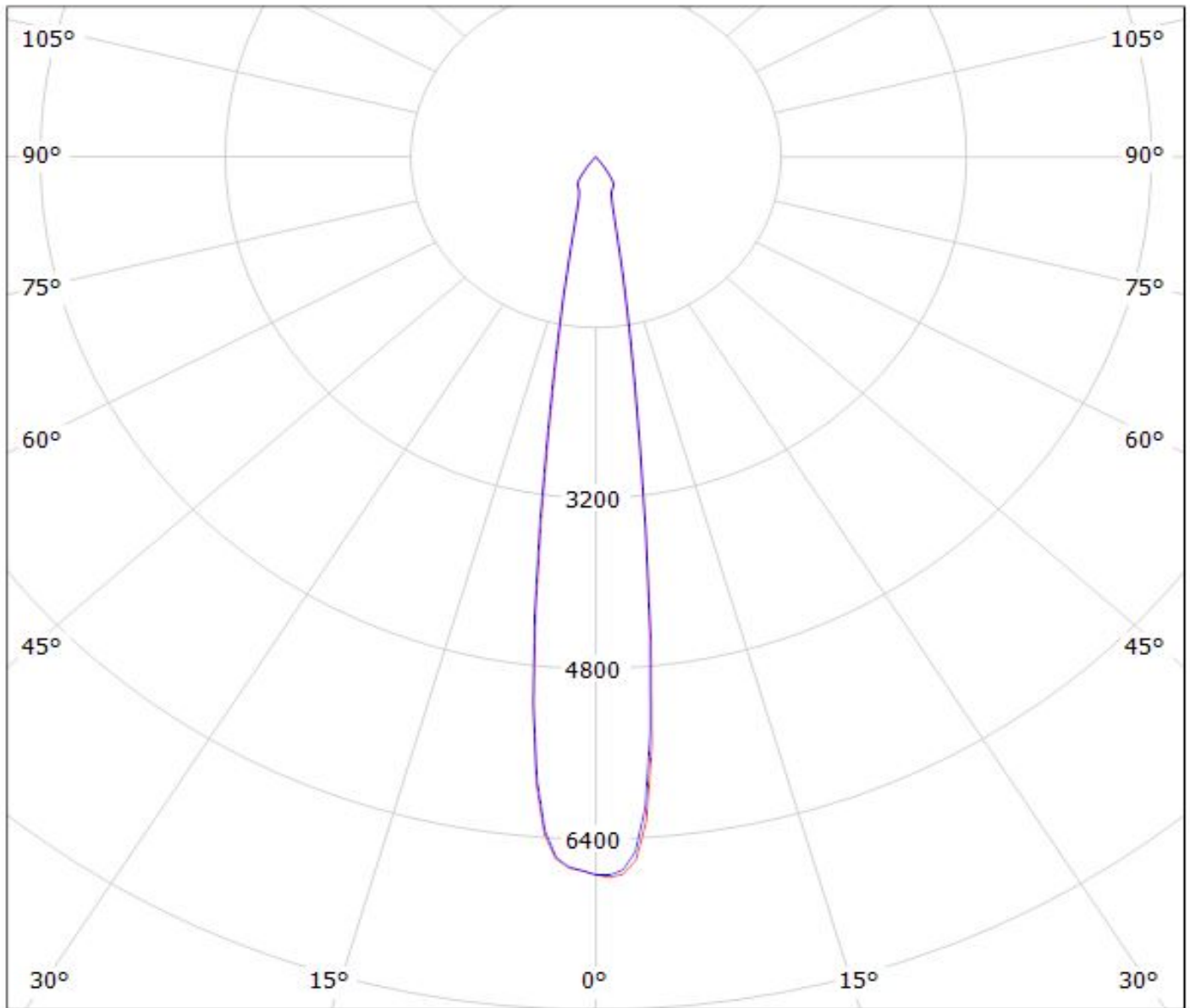
— C0 - C180

— C90 - C270

$\eta = 93\%$

Luminaire: LEDiL Oy F13662_ANGELA-S-B_(COB_40W)

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



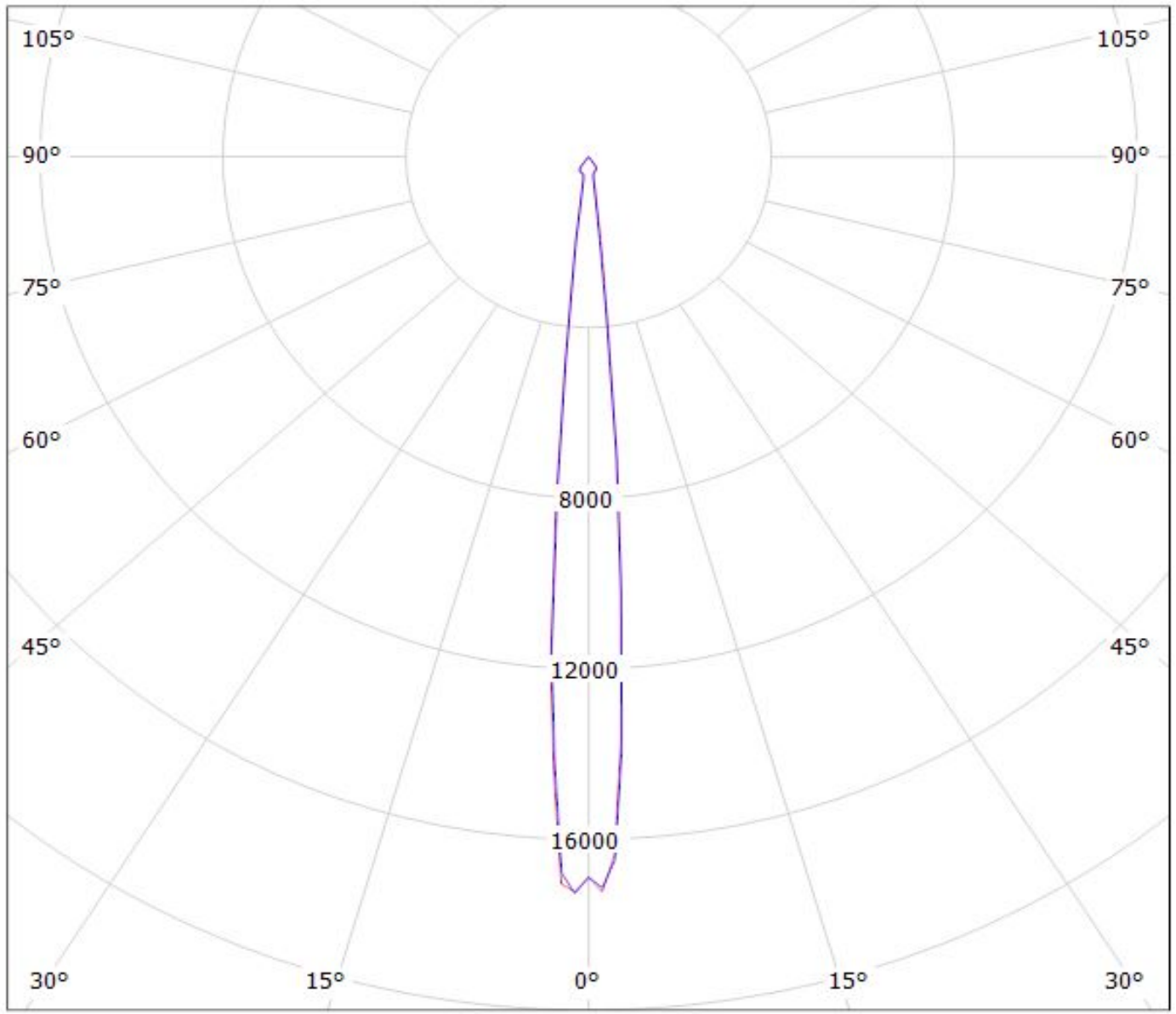
cd/klm

— C0 - C180

— C90 - C270

$\eta = 91\%$

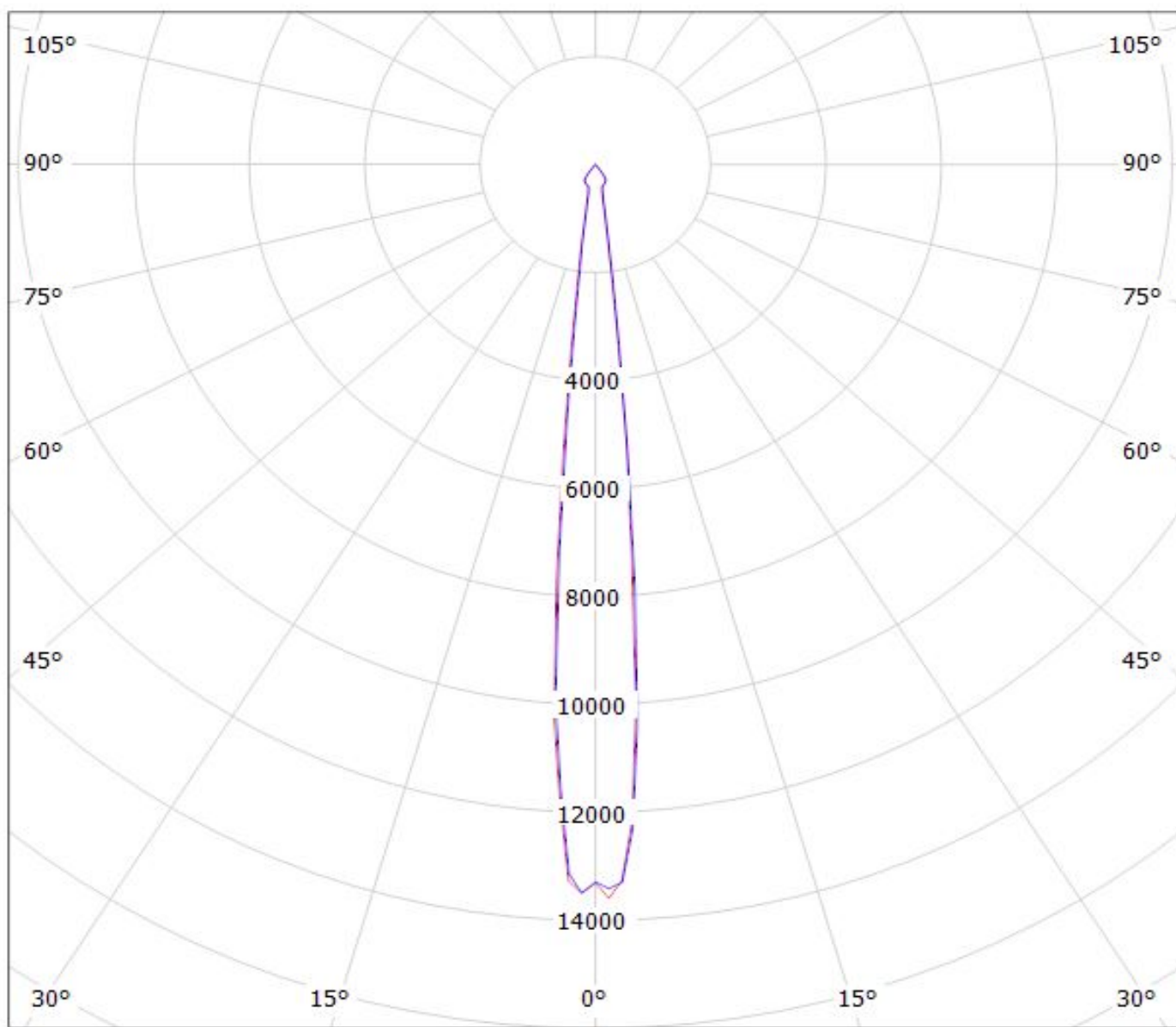
Luminaire: LEDiL Oy F13662_ANGELA-S-B_(K12) Eff.94.0%
Lamps: 1 x Luxeon_K12_922.262lm@250mA_P=8.18947W_I=249.9mA



cd/klm
— C0 - C180 — C90 - C270

$\eta = 94\%$

Luminaire: LEDiL Oy F13662_ANGELA-S-B_(K16) Eff.94.0%
Lamps: 1 x Luxeon_K16_1252.4lm@250mA_P=10.8991W_U=249.9mA



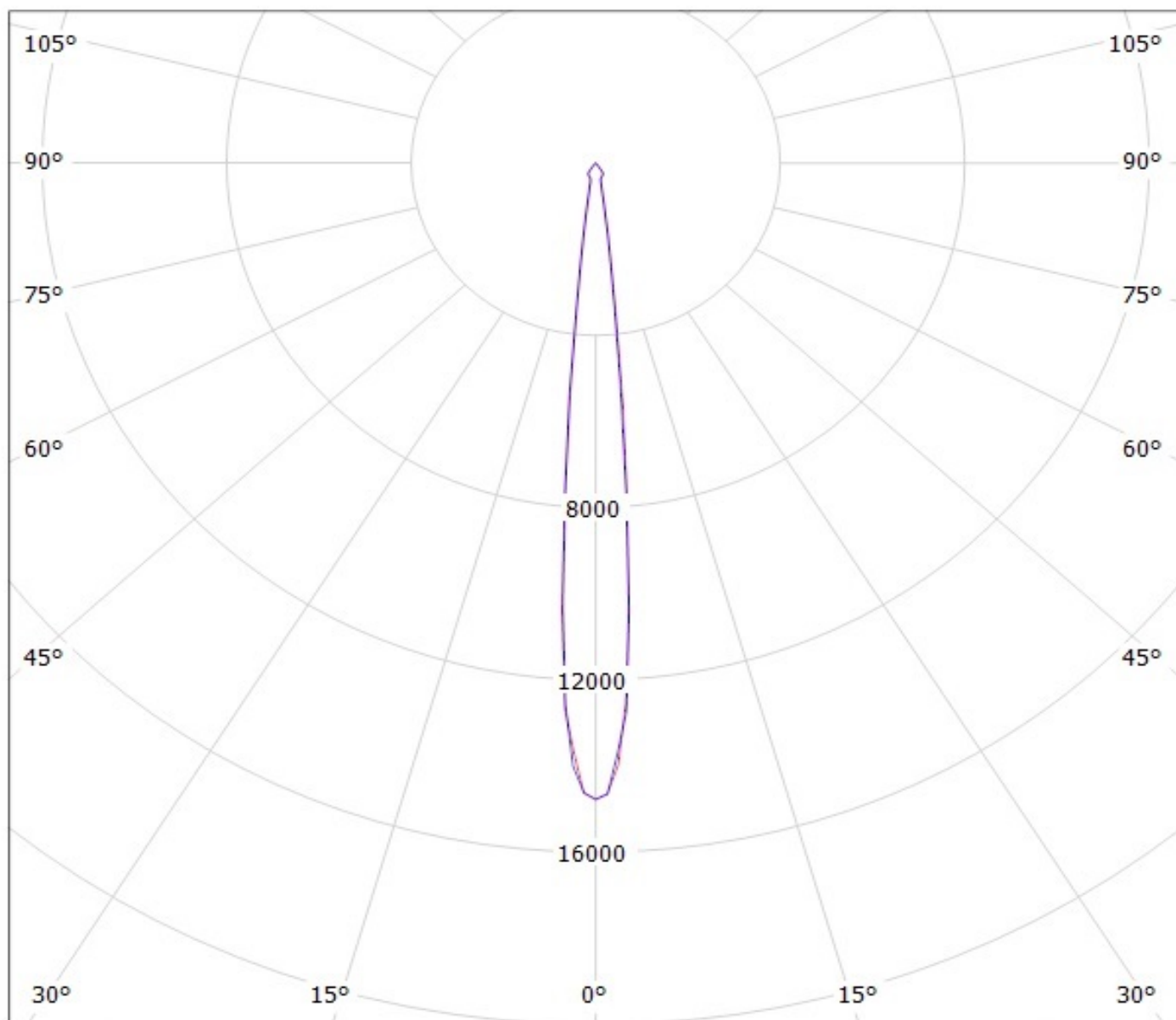
cd/klm

$\eta = 94\%$

— C0 - C180 — C90 - C270

Luminaire: LEDiL Oy F13662_ANGELA-S-B_(Luxeon_CoB_1208)

Lamps: 1 x Luxeon_CoB_1208_1045.92lm@250mA_P=8.25314W_I=249.8mA



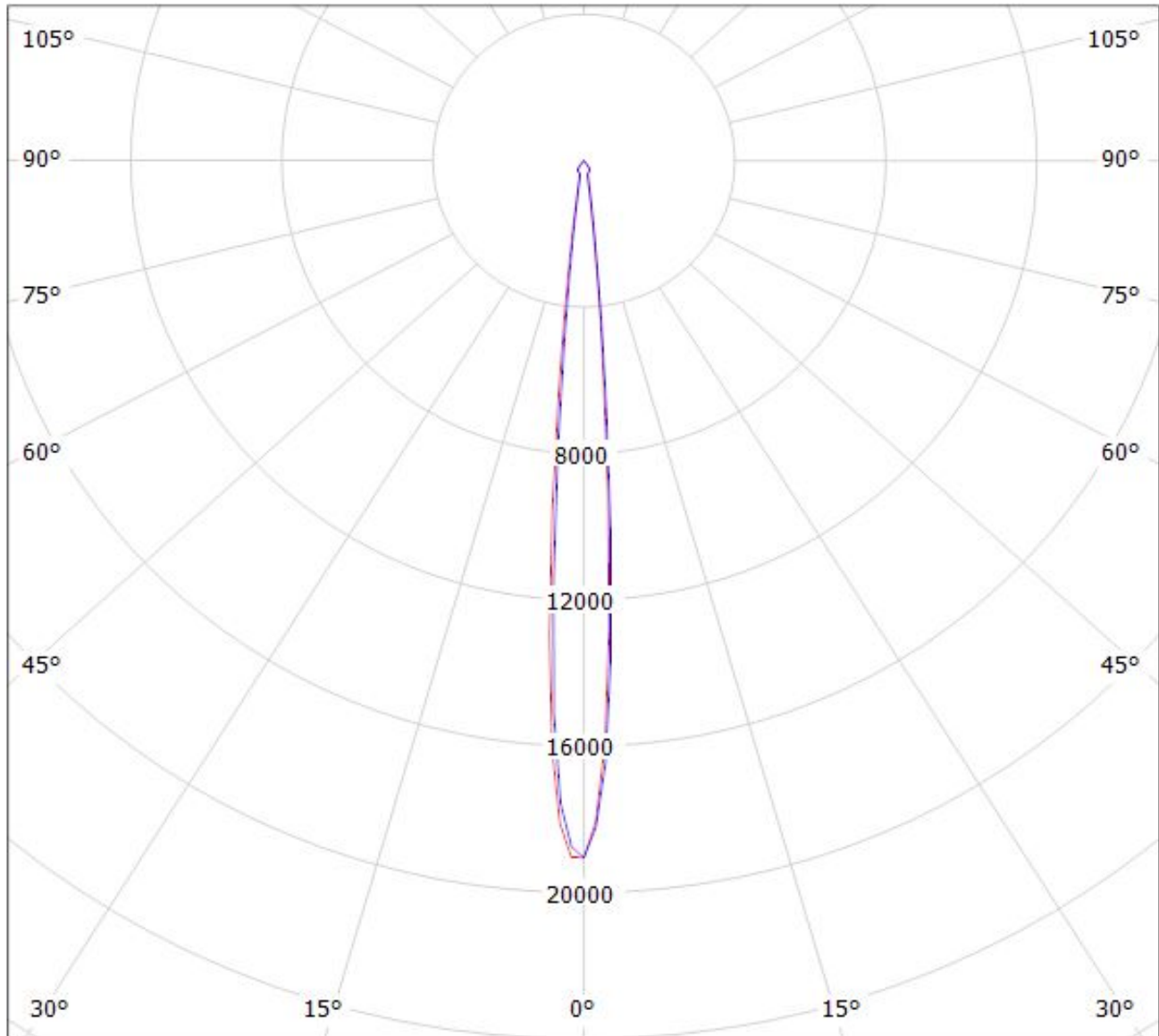
cd/klm

— C0 - C180

— C90 - C270

Luminaire: LEDiL Oy F13662_ANGELA-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

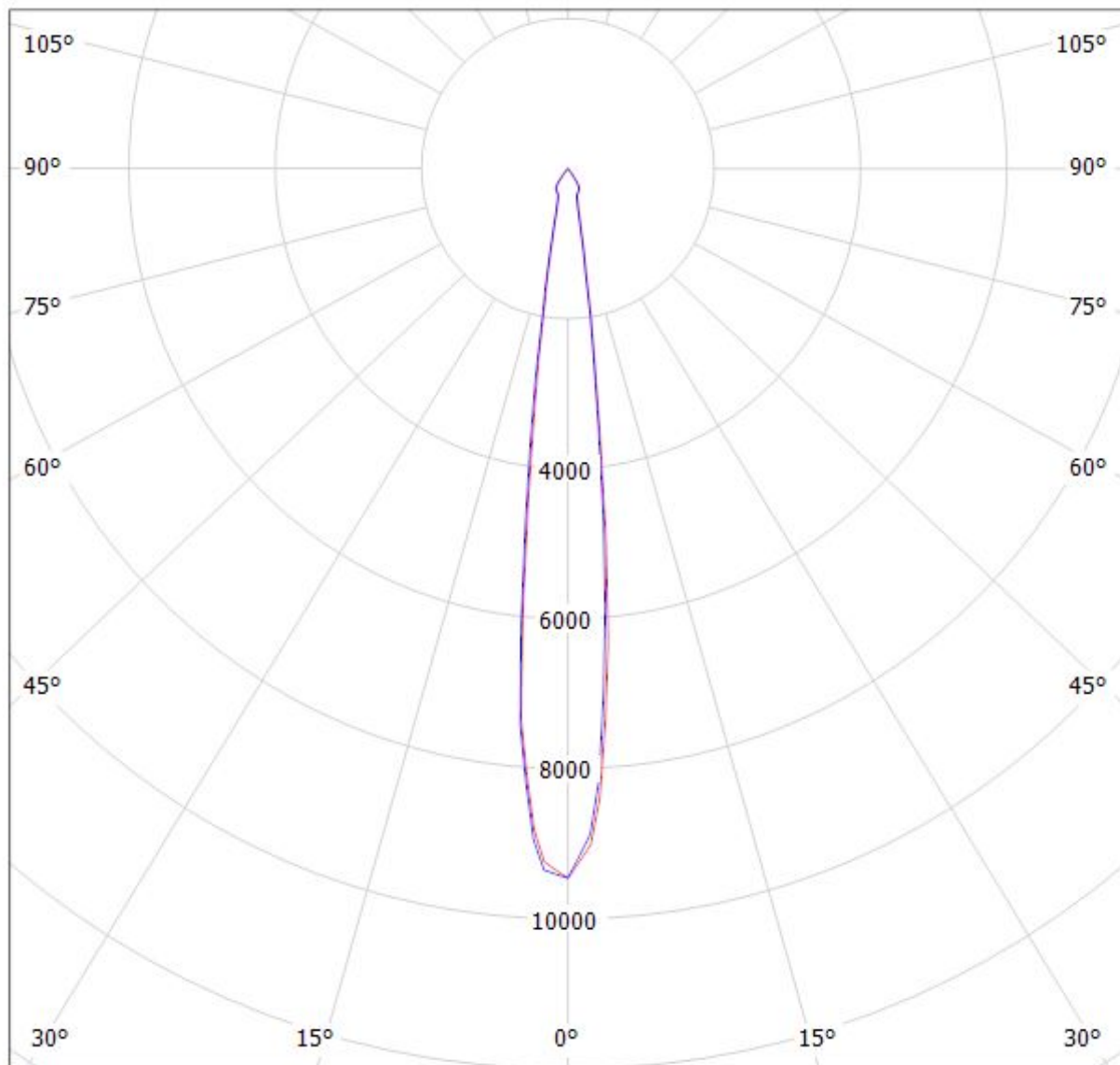
— C0 - C180

— C90 - C270

$\eta = 93\%$

Luminaire: LEDiL Oy F13662_ANGELA-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

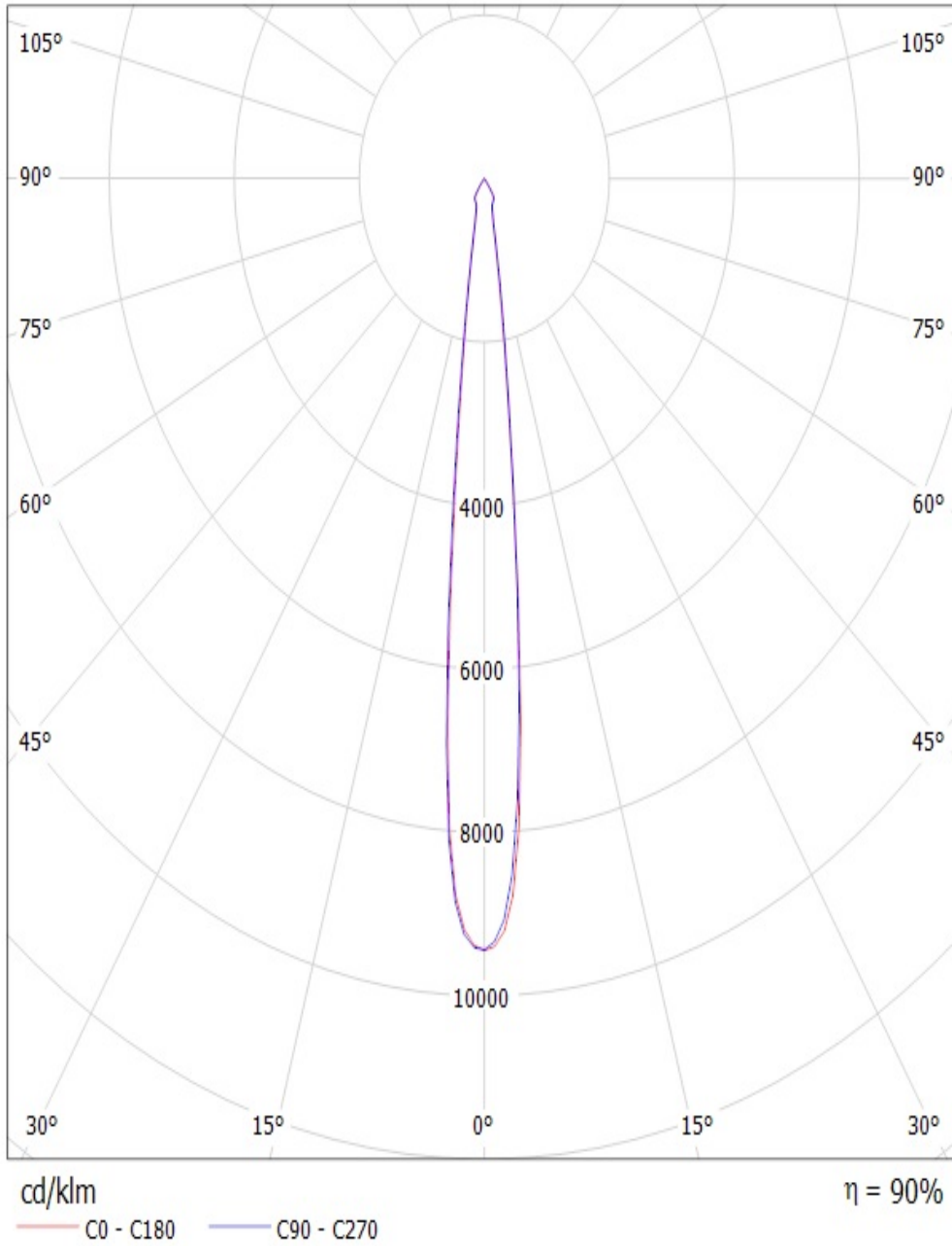
— C0 - C180

— C90 - C270

$\eta = 92\%$

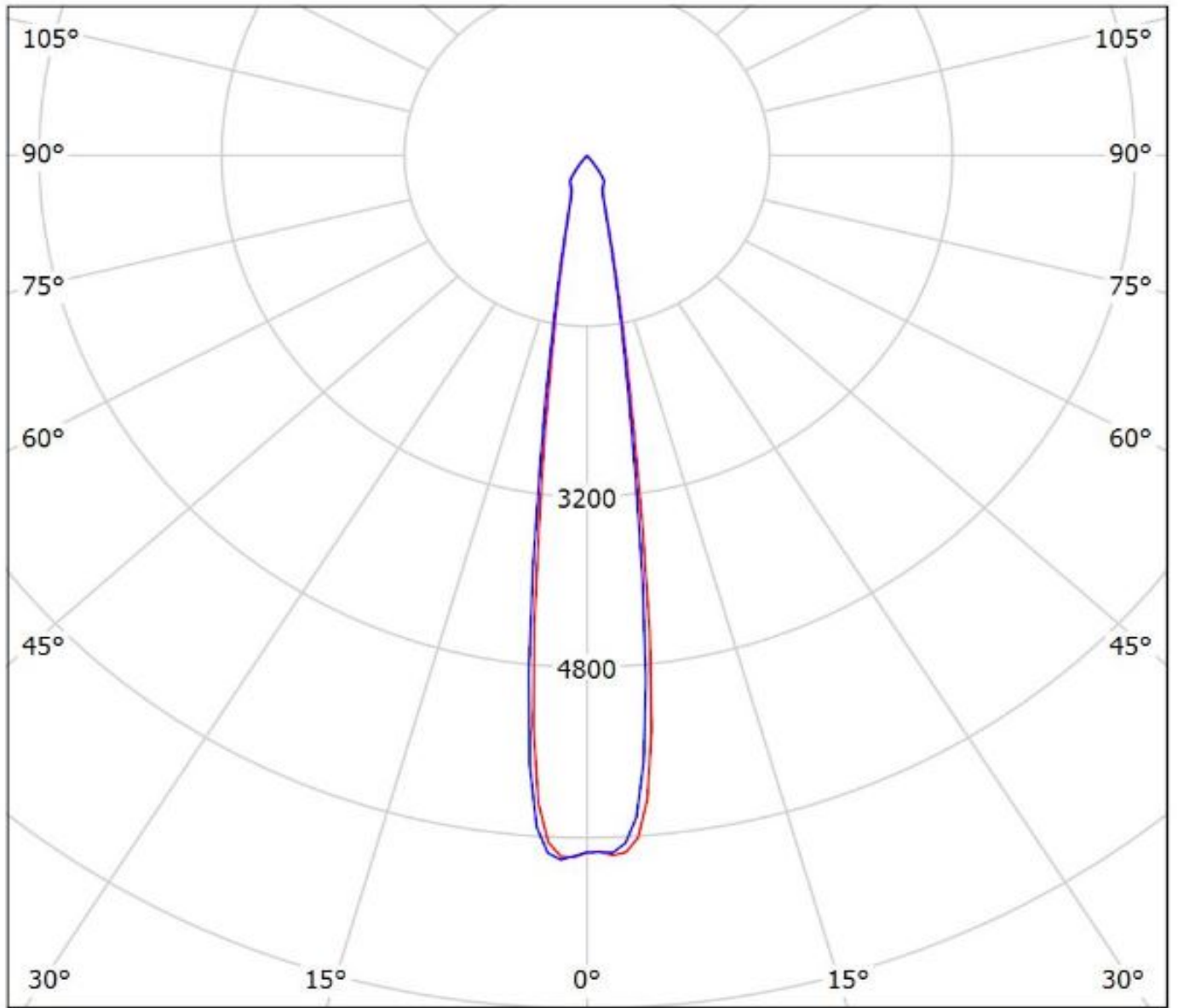
Luminaire: LEDiL Oy F13662_ANGELA-S-B_(Luxeon_CoB_1211)_(BJB2030)

Lamps: 1 x Philips_Lumileds_Luxeon_CoB_1211_(LHC1-5780-1211)_(BJB2030)_1332.46lm@250mA_CCT(approx.)=5700K_P=8.03332W_I=0.2498A



Luminaire: Ledil F13662_ANGELA-S-B_(CoB_1216)

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



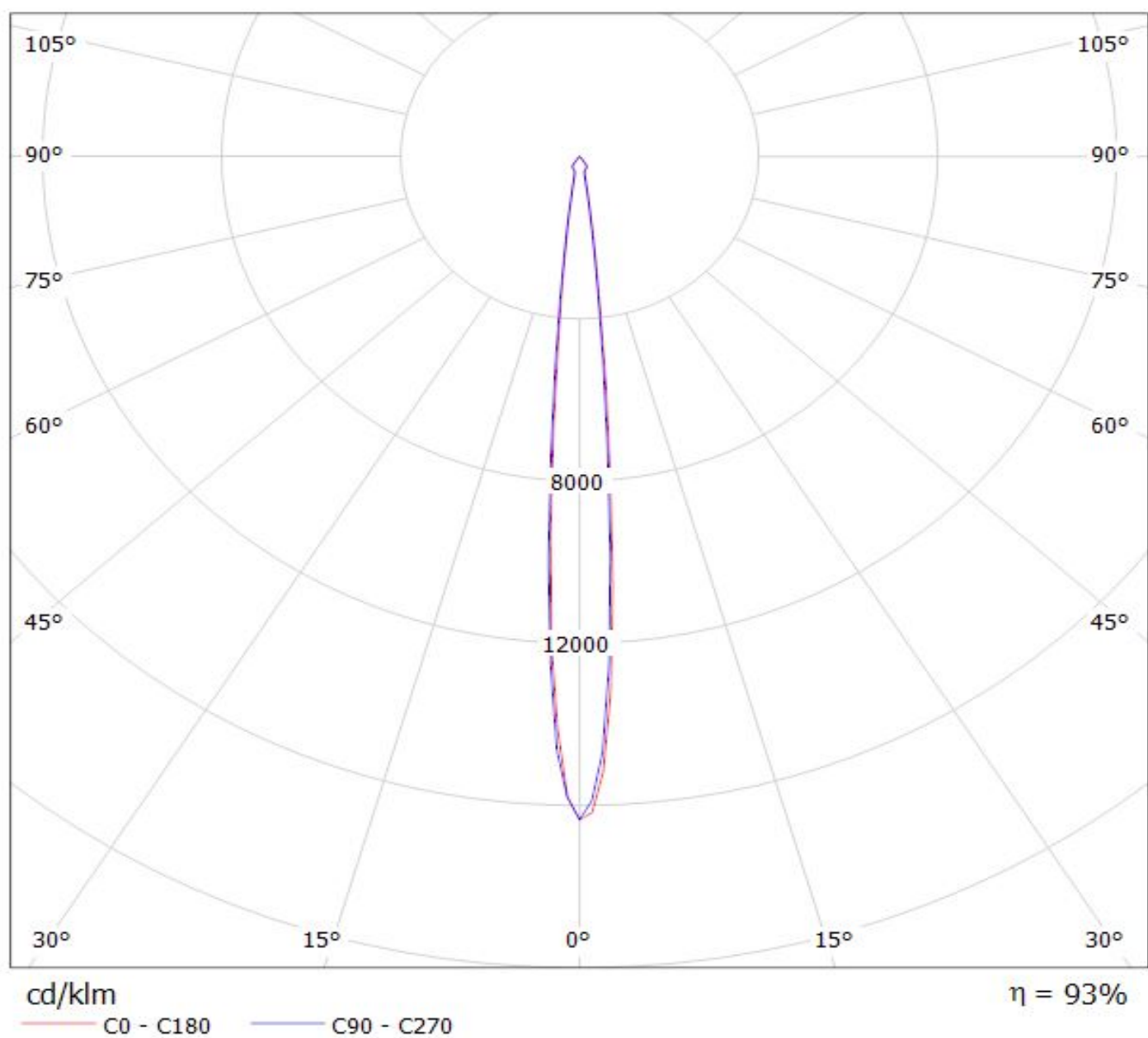
cd/klm

— C0 - C180

— C90 - C270

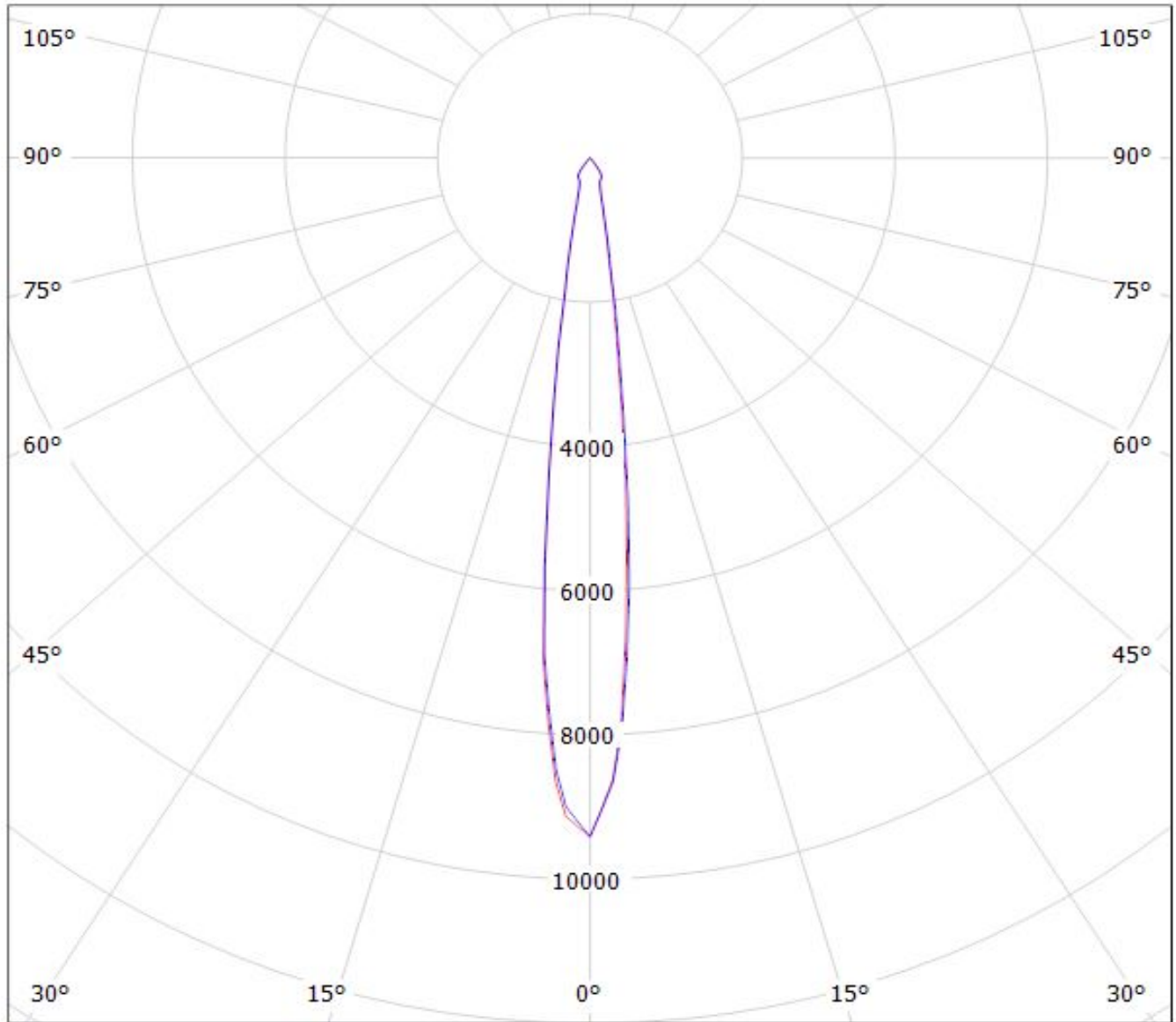
$\eta = 88\%$

Luminaire: LEDiL Oy F13662_ANGELA-S-B_(CXM-14)
Lamps: 1 x LUMINUS_XNOVA_CXM-14_(AC00)
_1049.18lm@250mA_CCT=3126K_P=8.31834W_I=249.8mA



Luminaire: LEDiL Oy F13662_ANGELA-S-B_(E30) Eff.91.2%

Lamps: 1 x Osram_Soleriq_E30_1364.86lm@250mA_P=10.2445W_I=249.8mA



cd/klm

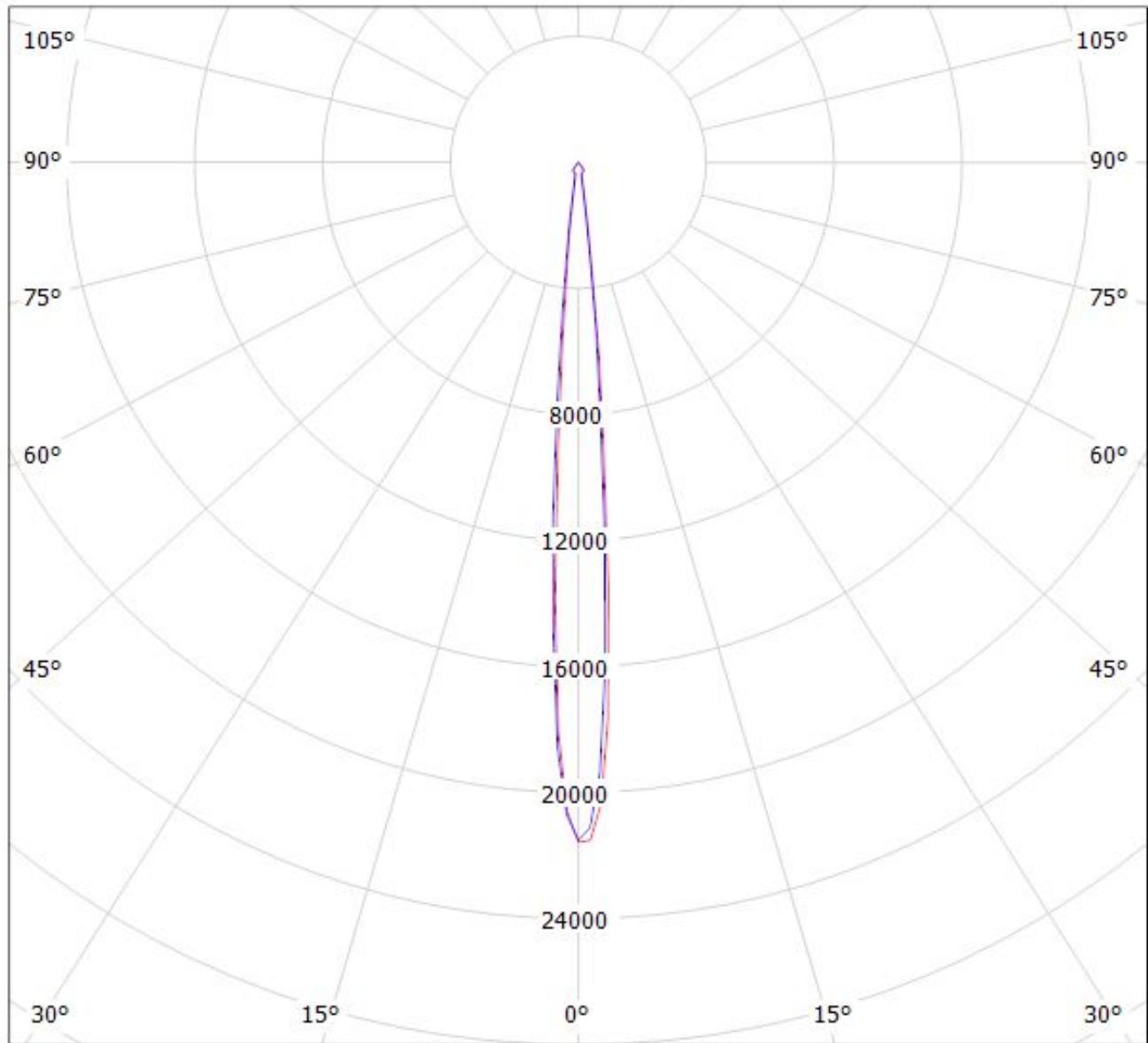
η = 92%

— C0 - C180

— C90 - C270

Luminaire: LEDiL Oy F13662_ANGELA-S-B_(S13) Eff.94.0%

Lamps: 1 x Osram_Soleriq_S13_901.003lm@250mA_P=7.48151W_I=249.9mA



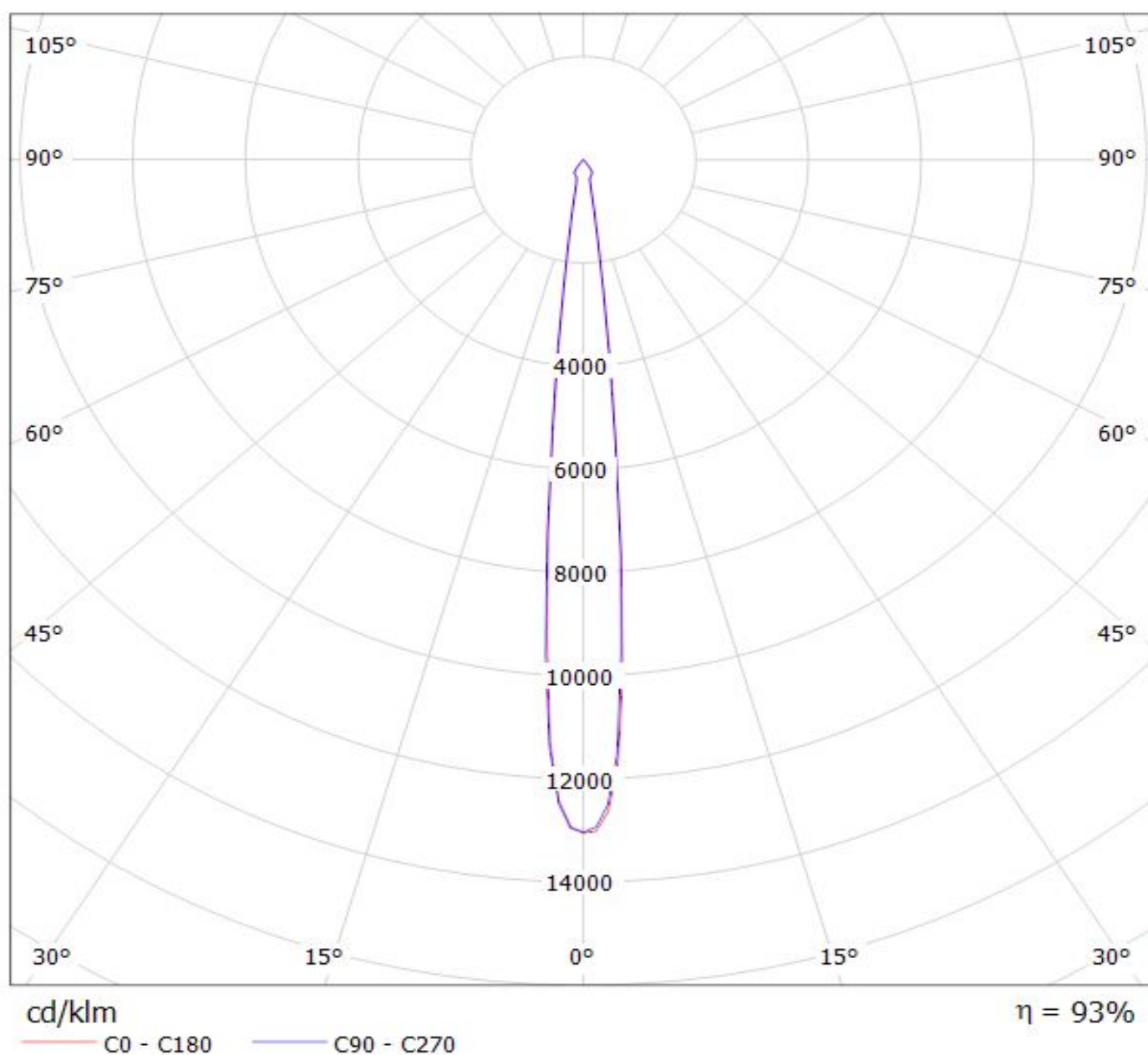
cd/klm

η = 93%

— C0 - C180

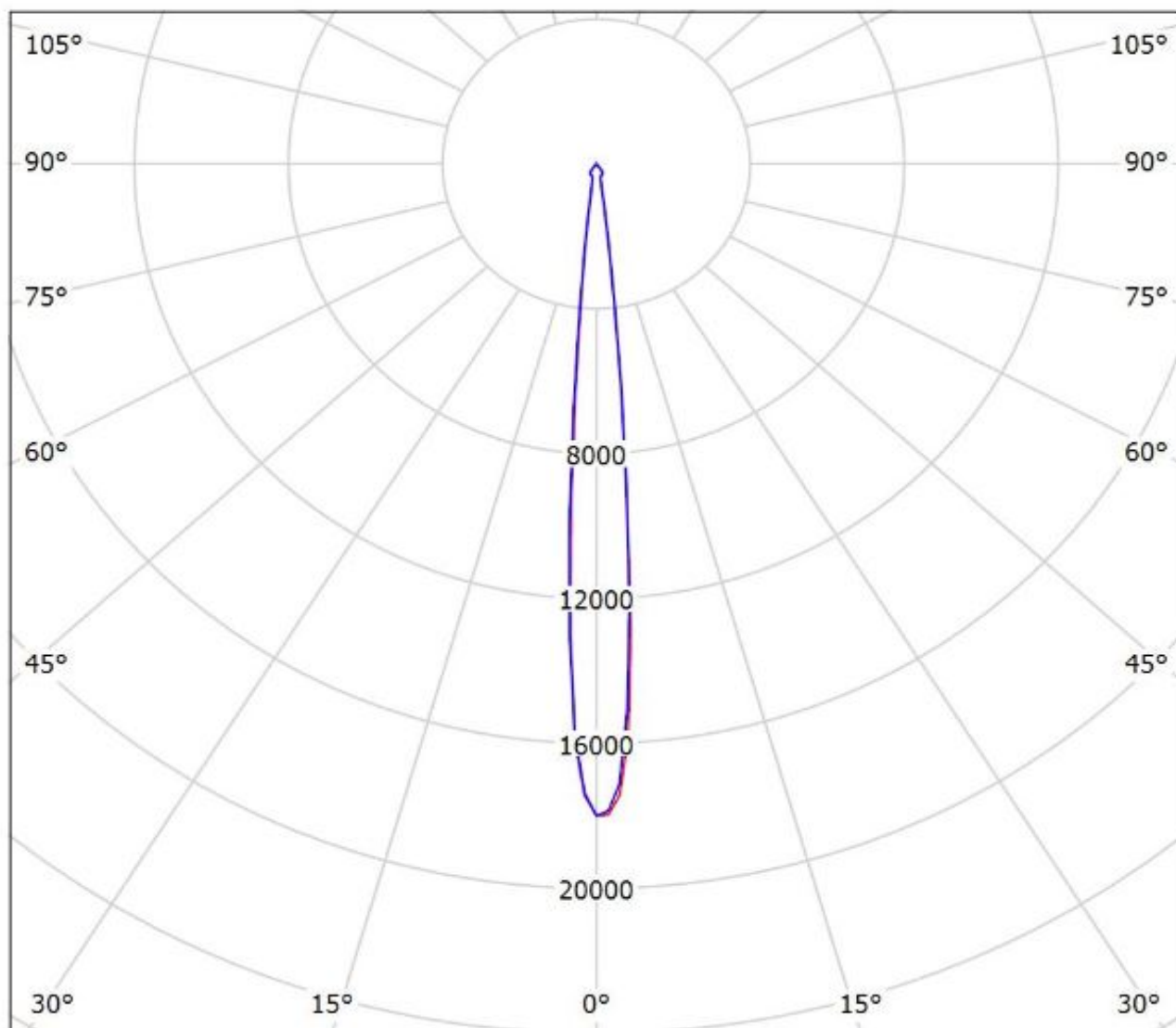
— C90 - C270

Luminaire: LEDiL Oy F13662_ANGELA-S-B_(Soleriq S19) Eff.93.4%
Lamps: 1 x OSRAM_SOLERIQ_S19_(GW_KAHJB1.EM)
_1445.44lm@250mA_CCT=3000K_P=10.558W_I=249.8mA



Luminaire: LEDiL Oy F13662_ANGELA-S-B_(SOLERIQ_P13)

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



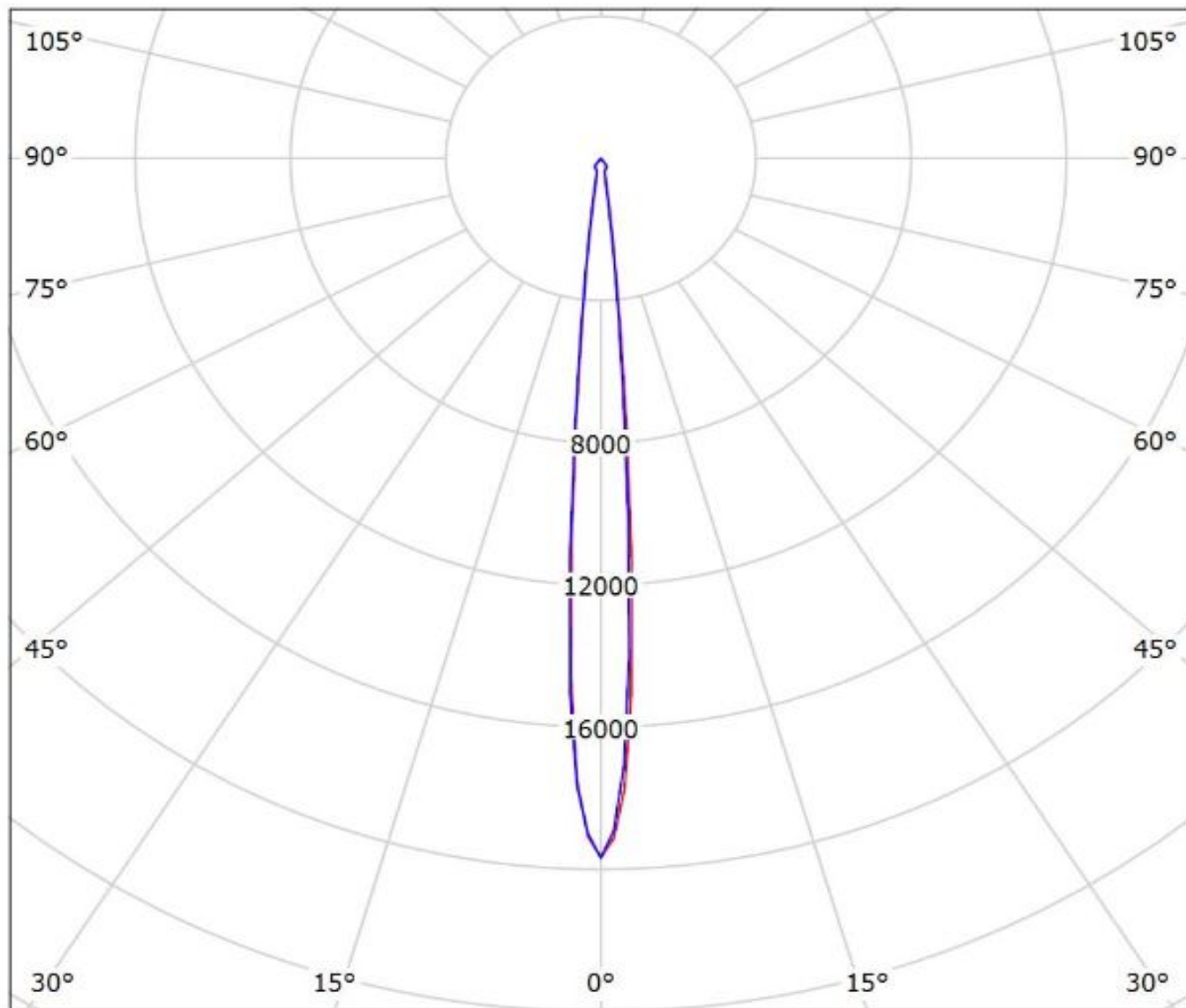
cd/klm

— C0 - C180 — C90 - C270

$\eta = 93\%$

Luminaire: Ledil F13662_ANGELA-S-B_(Soleriq_S13_G2)

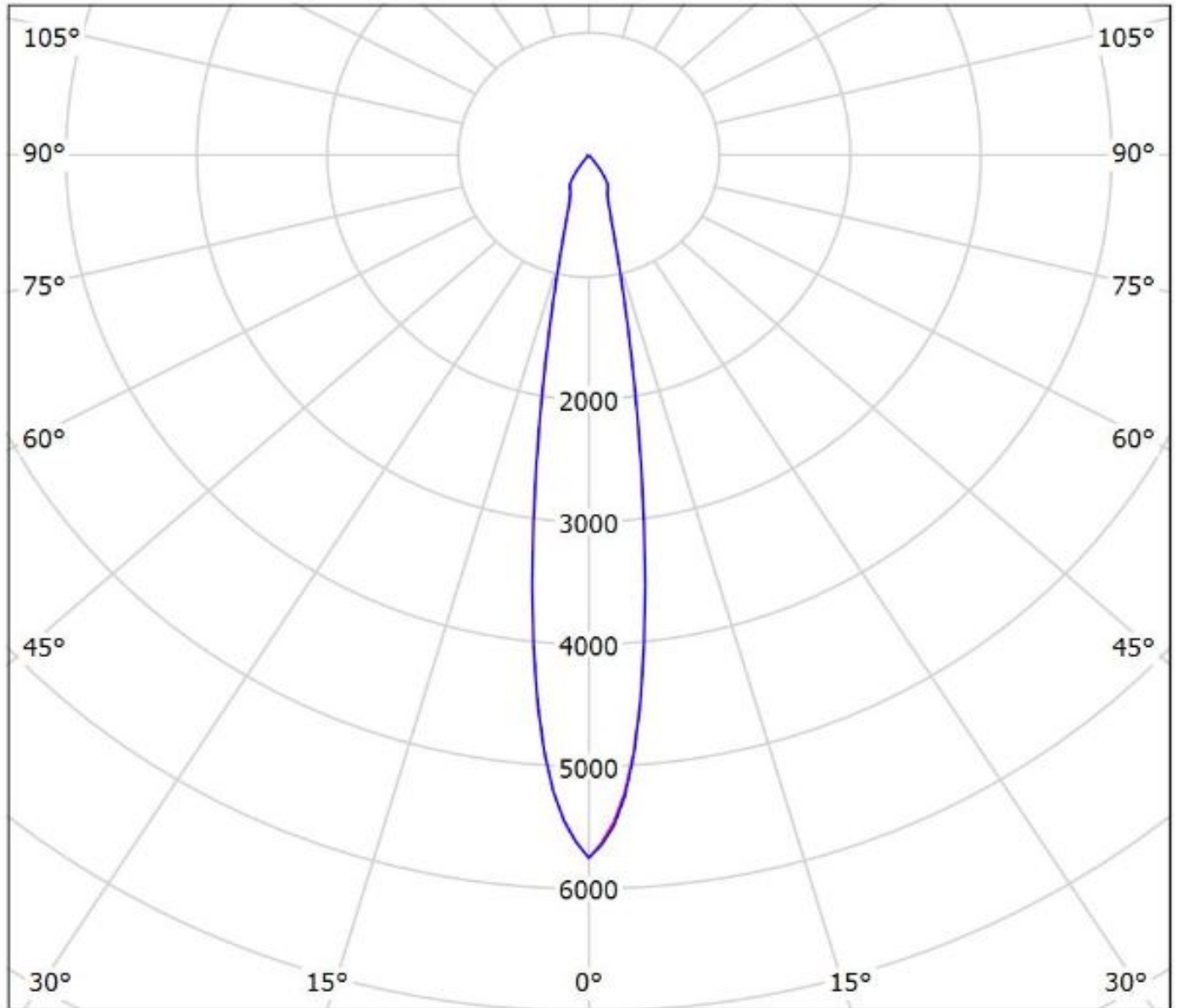
Lamps: 1 x Osram_Soleriq_S13_G2_(GW_KAGHB2.EM)1353.18lm@250mA_P=8.46W_I=0.25A



cd/klm
— C0 - C180 — C90 - C270

$\eta = 89\%$

Luminaire: Ledil Oy F13662_ANGELA-S-B+_BJB_47.319.2030_SAMSUNG_COB_D_LC040D
Lamps: 1 x SAMSUNG LC040D



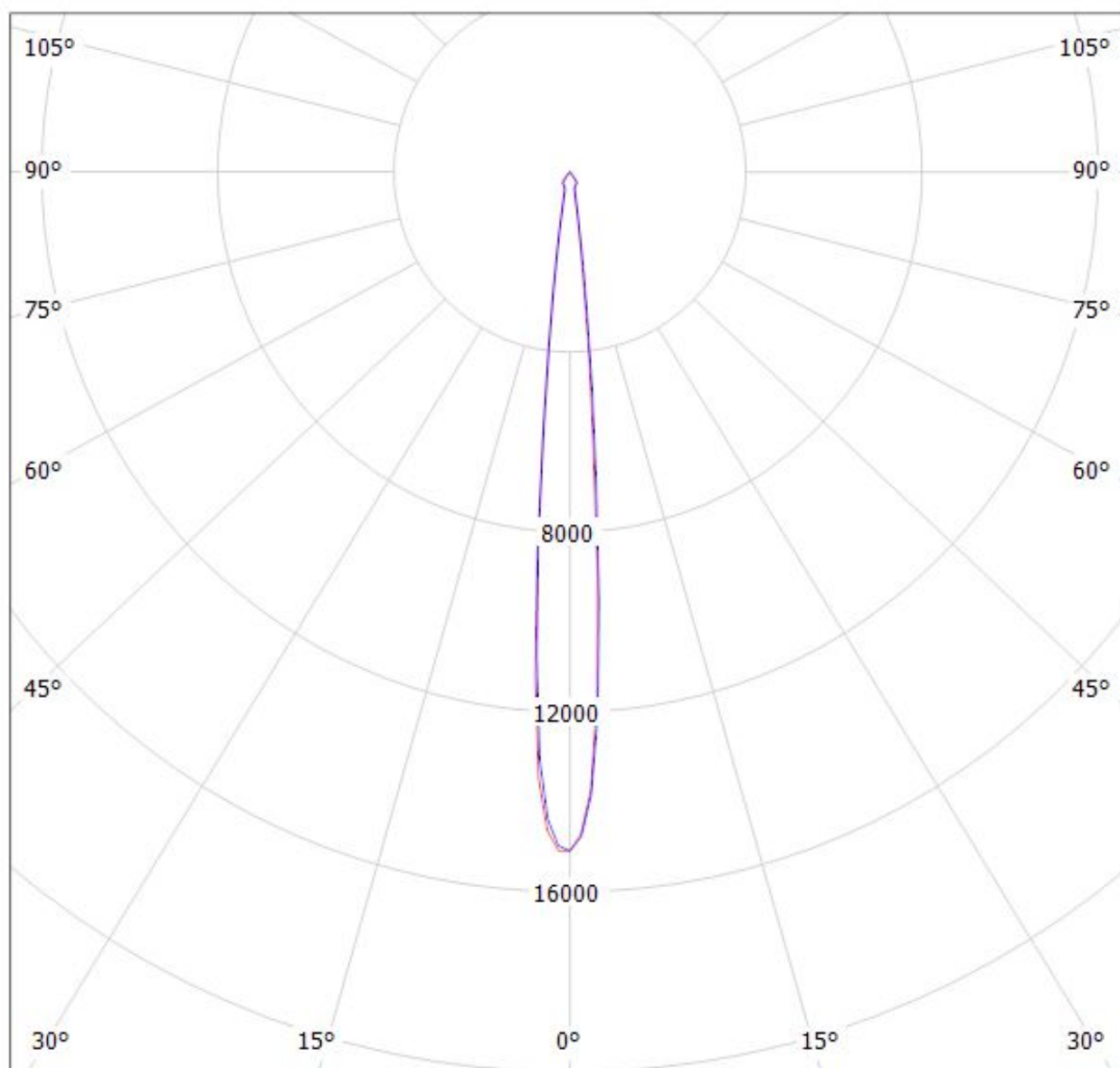
cd/klm

— C0 - C180 — C90 - C270

$\eta = 87\%$

Luminaire: LEDiL Oy F13662_ANGELA-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



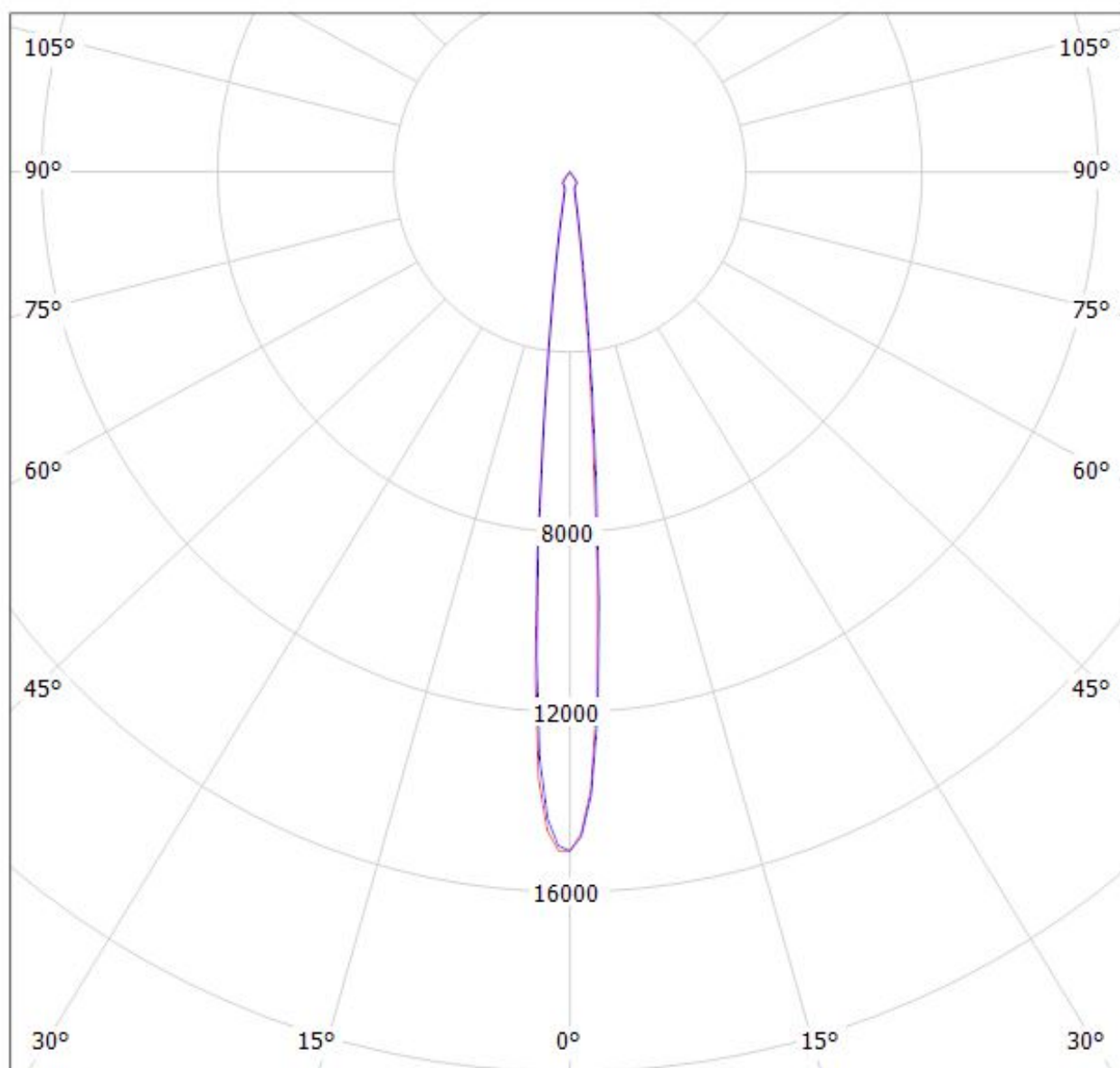
cd/klm

— C0 - C180 — C90 - C270

$\eta = 91\%$

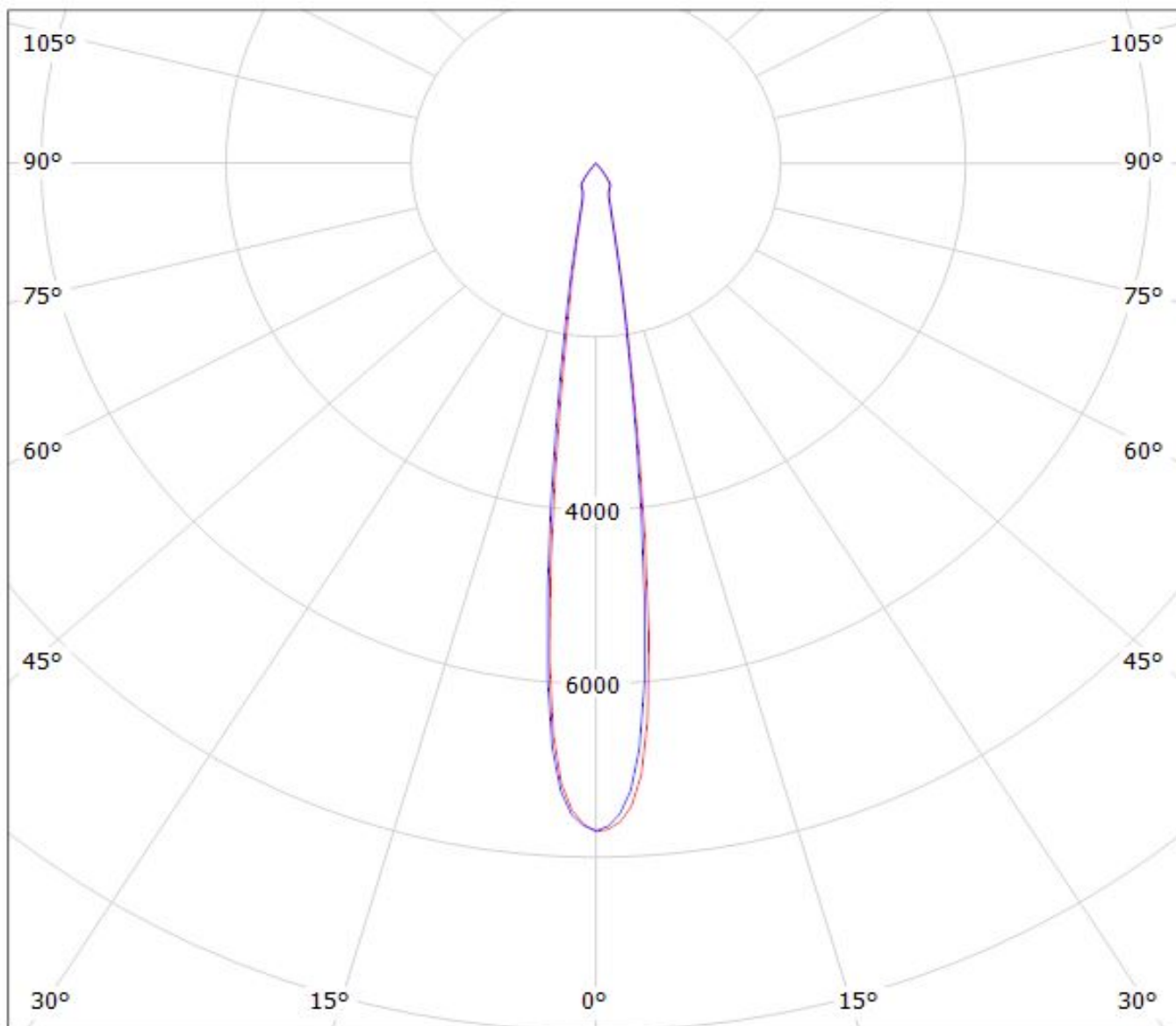
Luminaire: LEDiL Oy F13662_ANGELA-S-B_(COB_D_14,5mm)

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



— C0 - C180 — C90 - C270

Luminaire: LEDiL Oy F13662_ANGELA-S-B_(ZC-40) Eff.93.4%
Lamps: 1 x Seoul ZC-40_1183.63lm@250mA_P=8.42195W_I=249.9mA



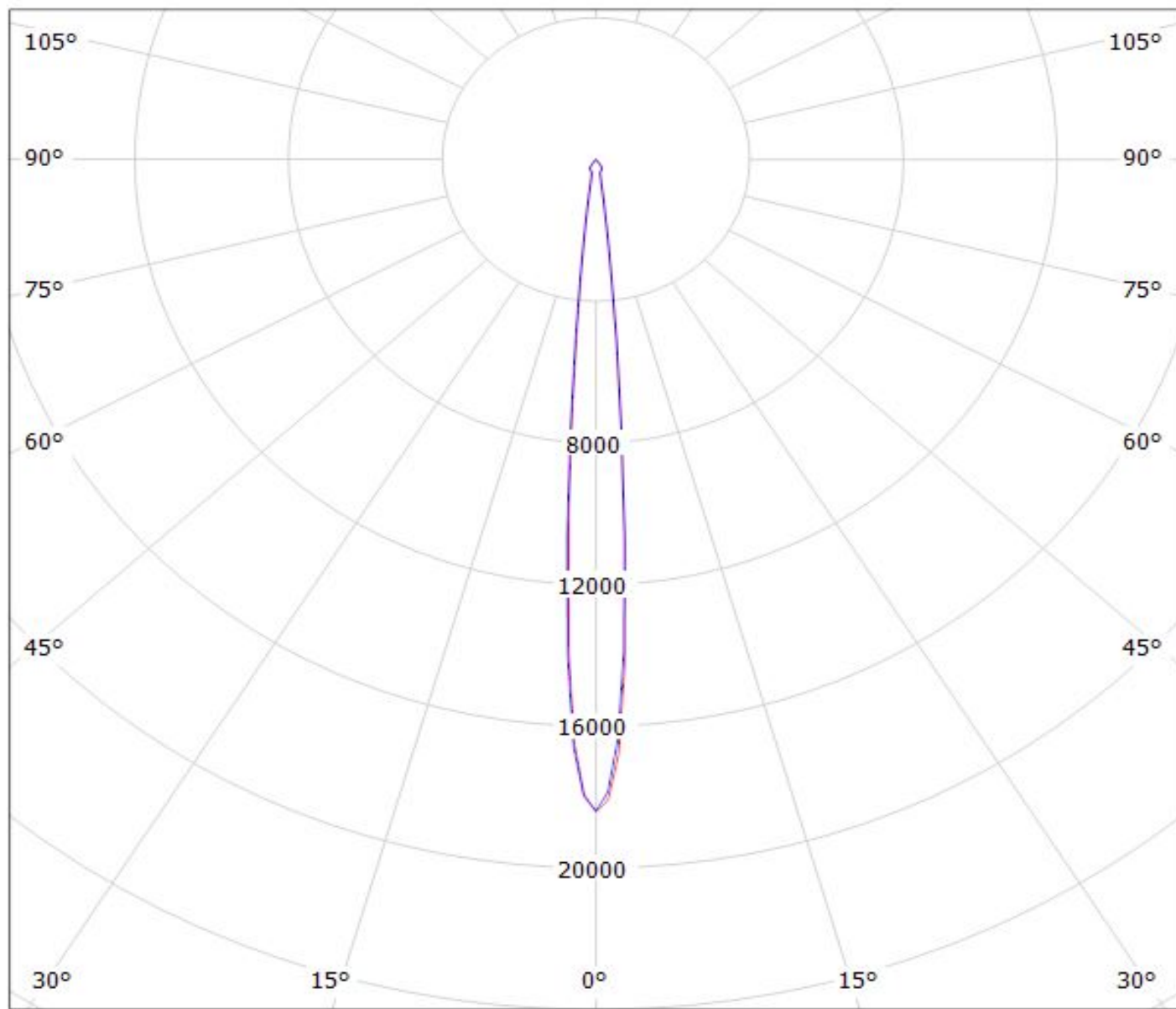
cd/klm

— C0 - C180 — C90 - C270

$\eta = 93\%$

Luminaire: LEDiL Oy F13662_ANGELA-S-B_(ZC12)

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



cd/klm

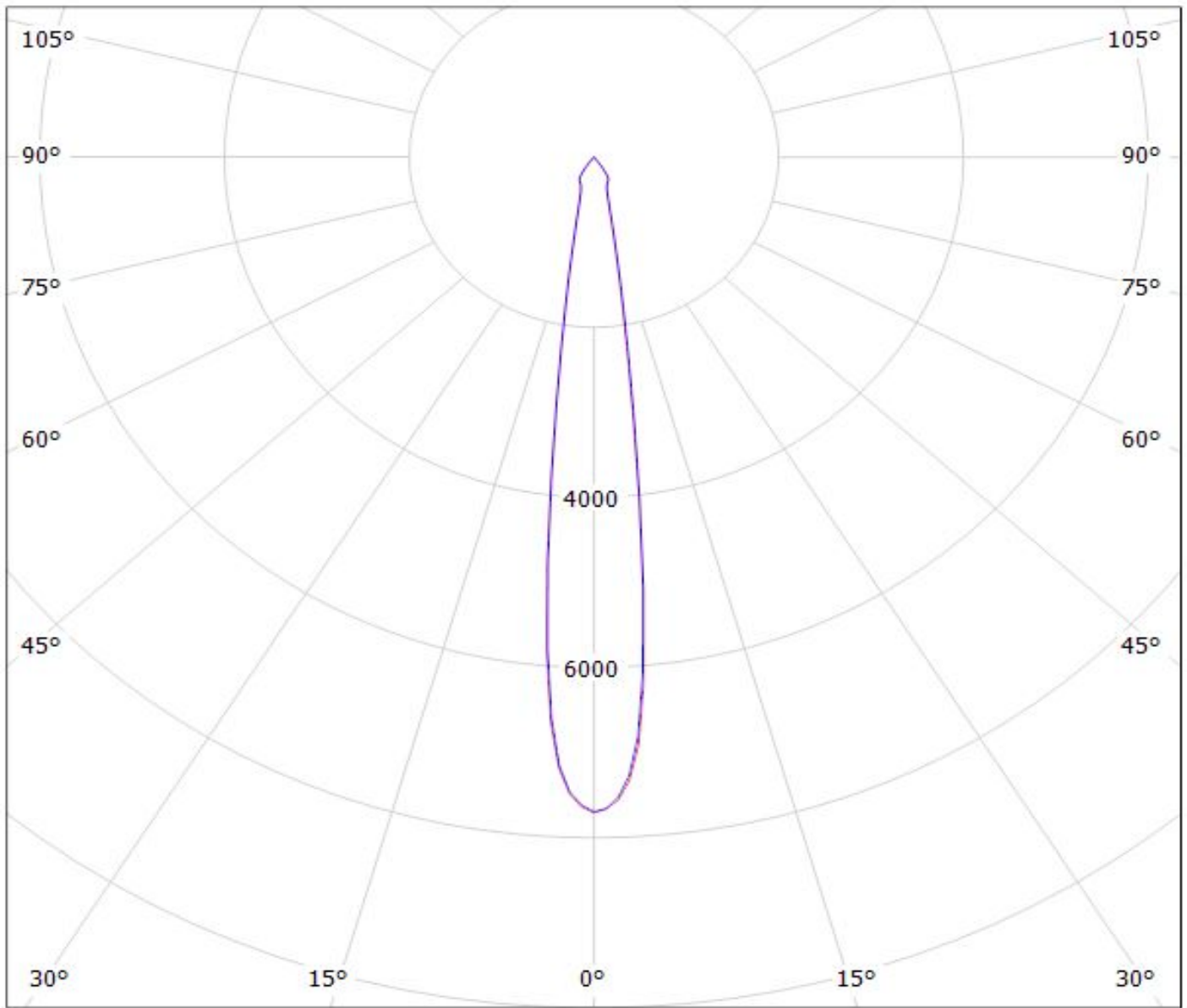
η = 93%

— C0 - C180

— C90 - C270

Luminaire: LEDiL Oy F13662_ANGELA-S-B_(ZC40)

Lamps: 1 x SEOUL_ZC40_(SBWW5F1B)_1176.6lm@250mA_P=8.22171W_I=249.9mA



cd/klm

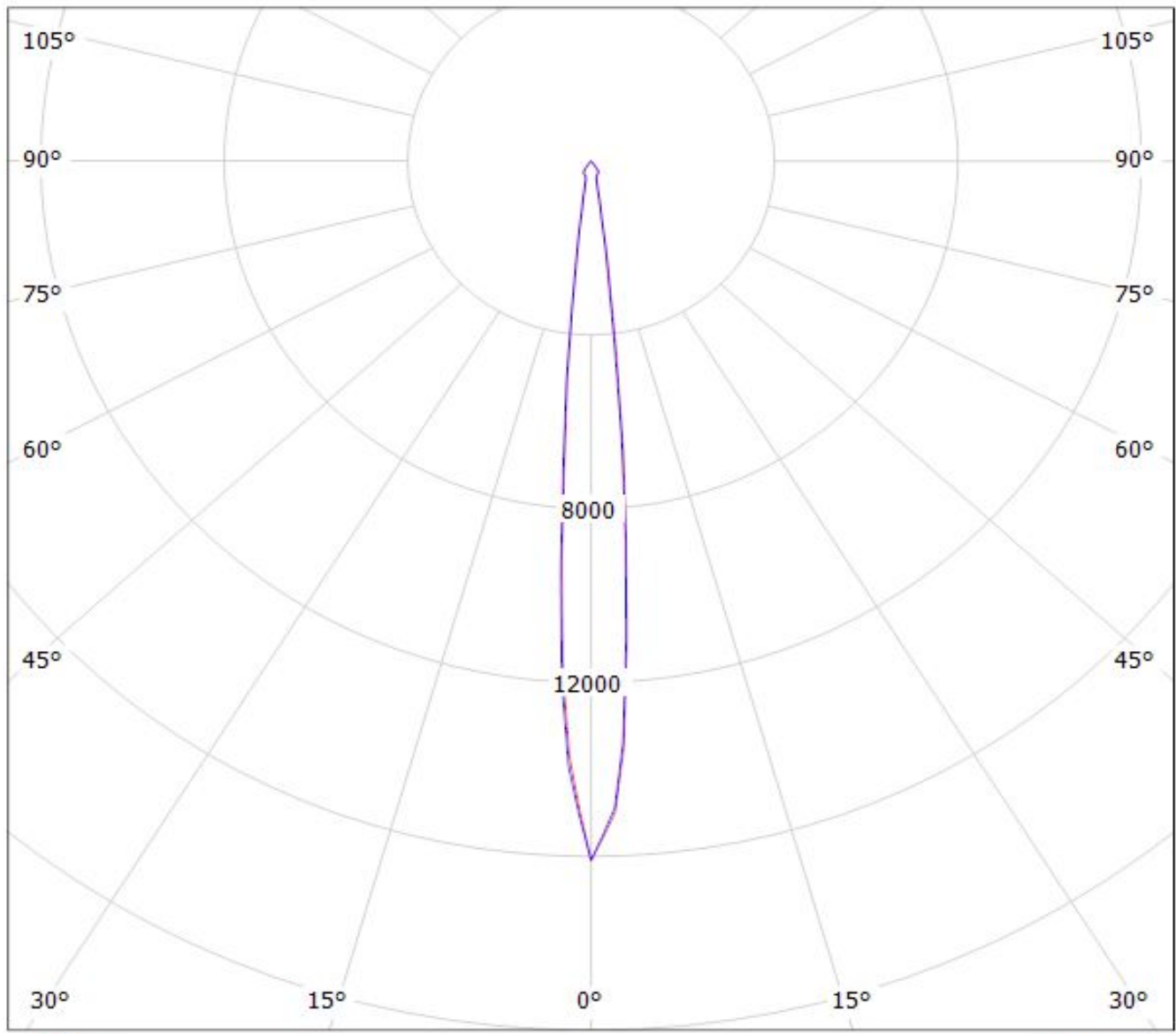
η = 91%

— C0 - C180

— C90 - C270

Luminaire: LEDiL Oy F13662_ANGELA-S-B_(MZ) Eff.94.0%

Lamps: 1 x Sharp_Mega_Zenigata_1226.07lm@250mA_P=11.1573W_I=249.8mA



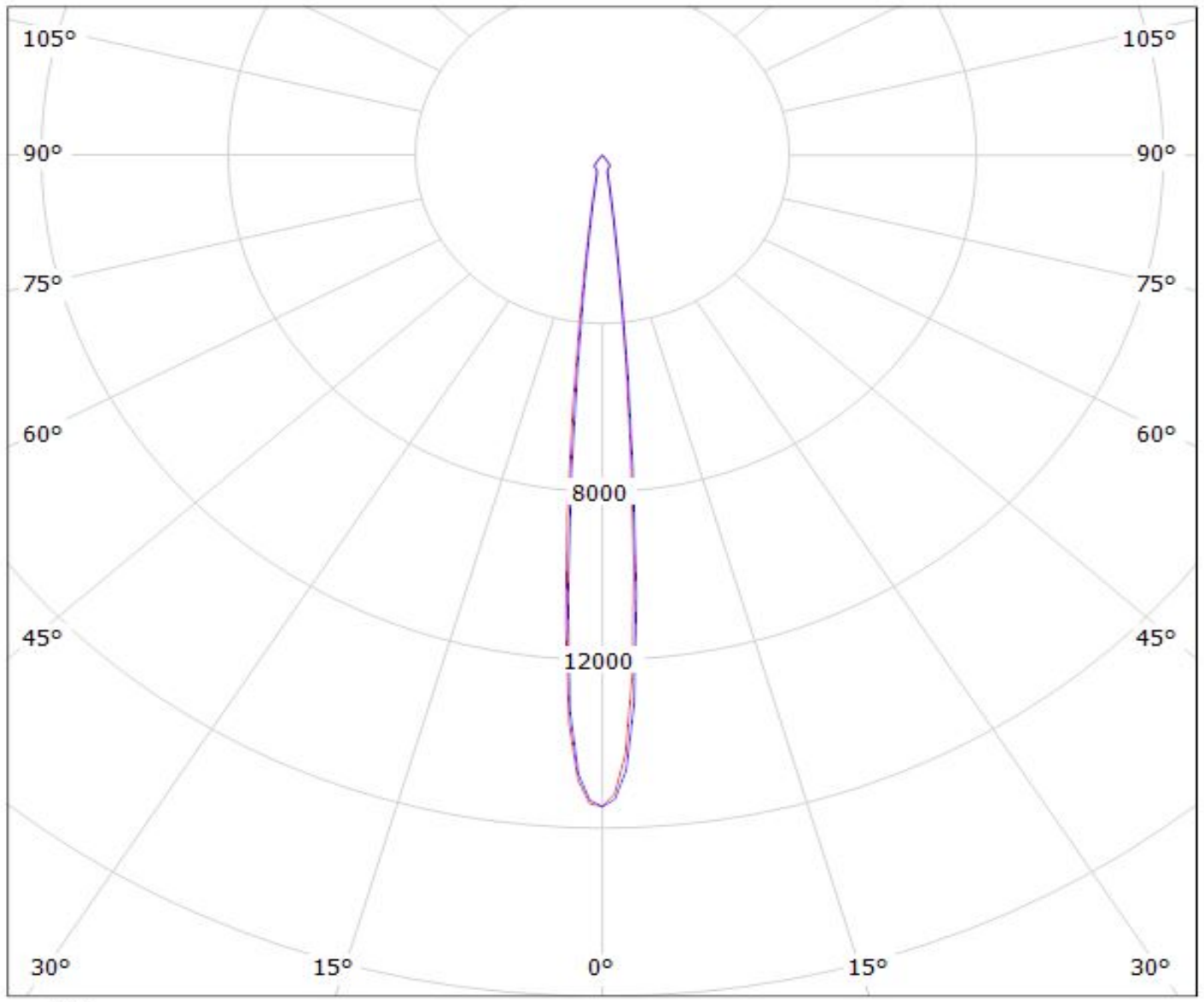
cd/klm

— C0 - C180

— C90 - C270

$\eta = 95\%$

Luminaire: LEDiL Oy F13662_ANGELA-S-B_(MegaZenigata_GW6)
Lamps: 1 x Sharp_MegaZenigata_GW6_(GW6DME30NFC)
_1266.19lm@250mA_CCT=3038K_P=11.2151W_I=250.6mA

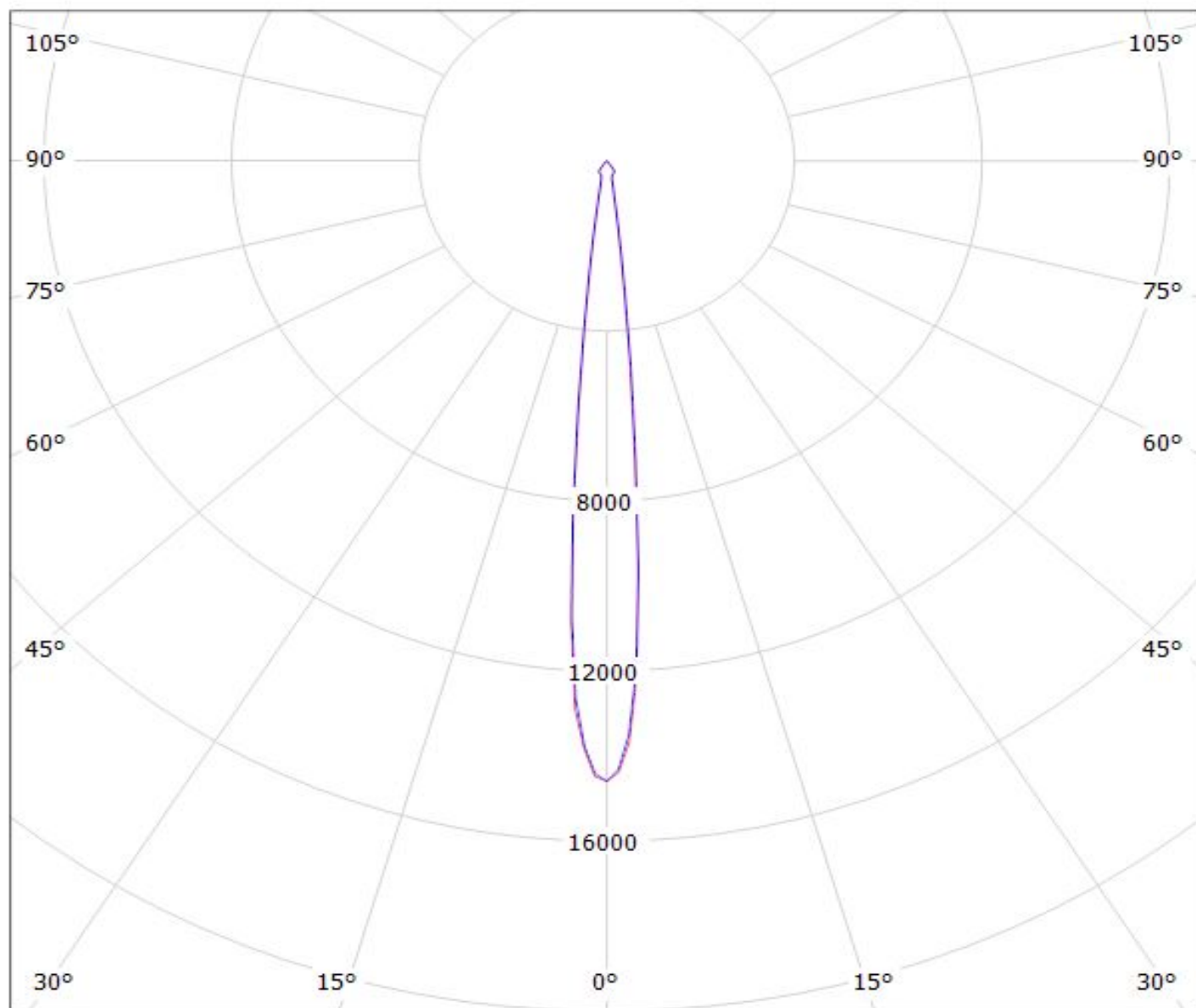


cd/klm

— C0 - C180 — C90 - C270

$\eta = 94\%$

Luminaire: LEDiL Oy F13662_ANGELA-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



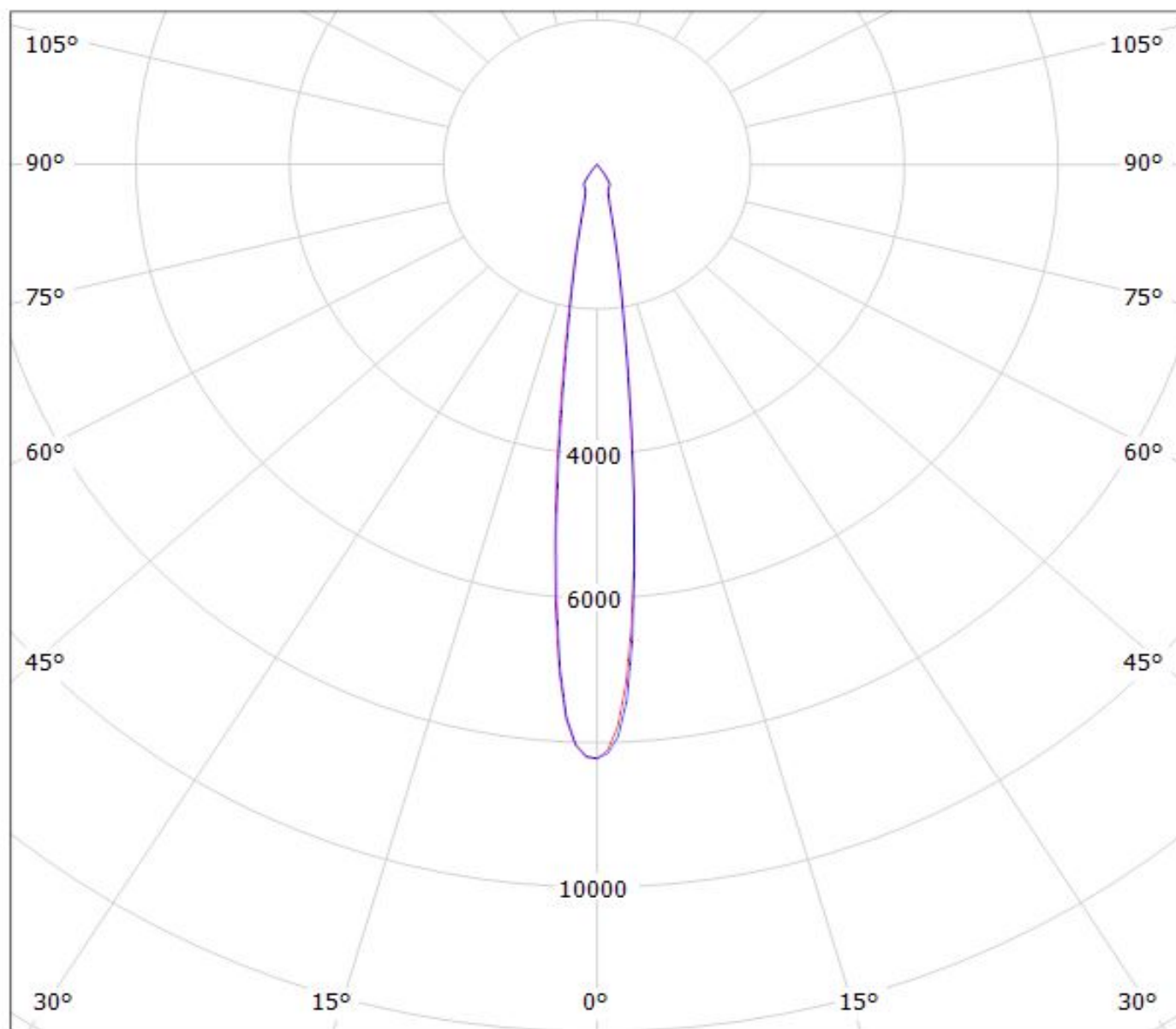
cd/klm

η = 93%

— C0 - C180 — C90 - C270

Luminaire: LEDiL Oy F13662_ANGELA-S-B_(SLE_G4_LES23)

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



cd/klm

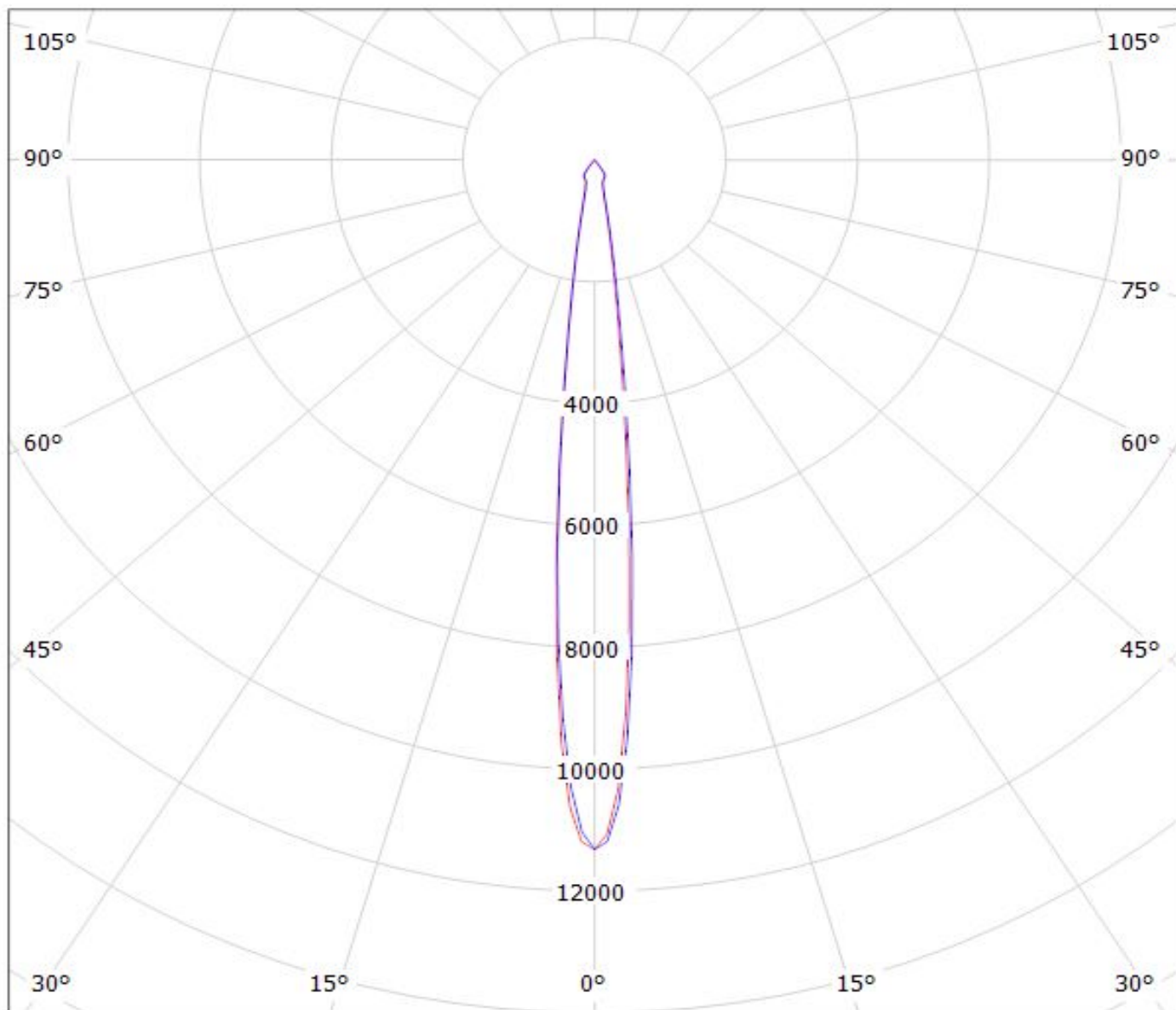
— C0 - C180

— C90 - C270

$\eta = 96\%$

Luminaire: LEDiL Oy F13662_ANGELA-S-B_(SLE GEN4 LES19)

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



cd/klm

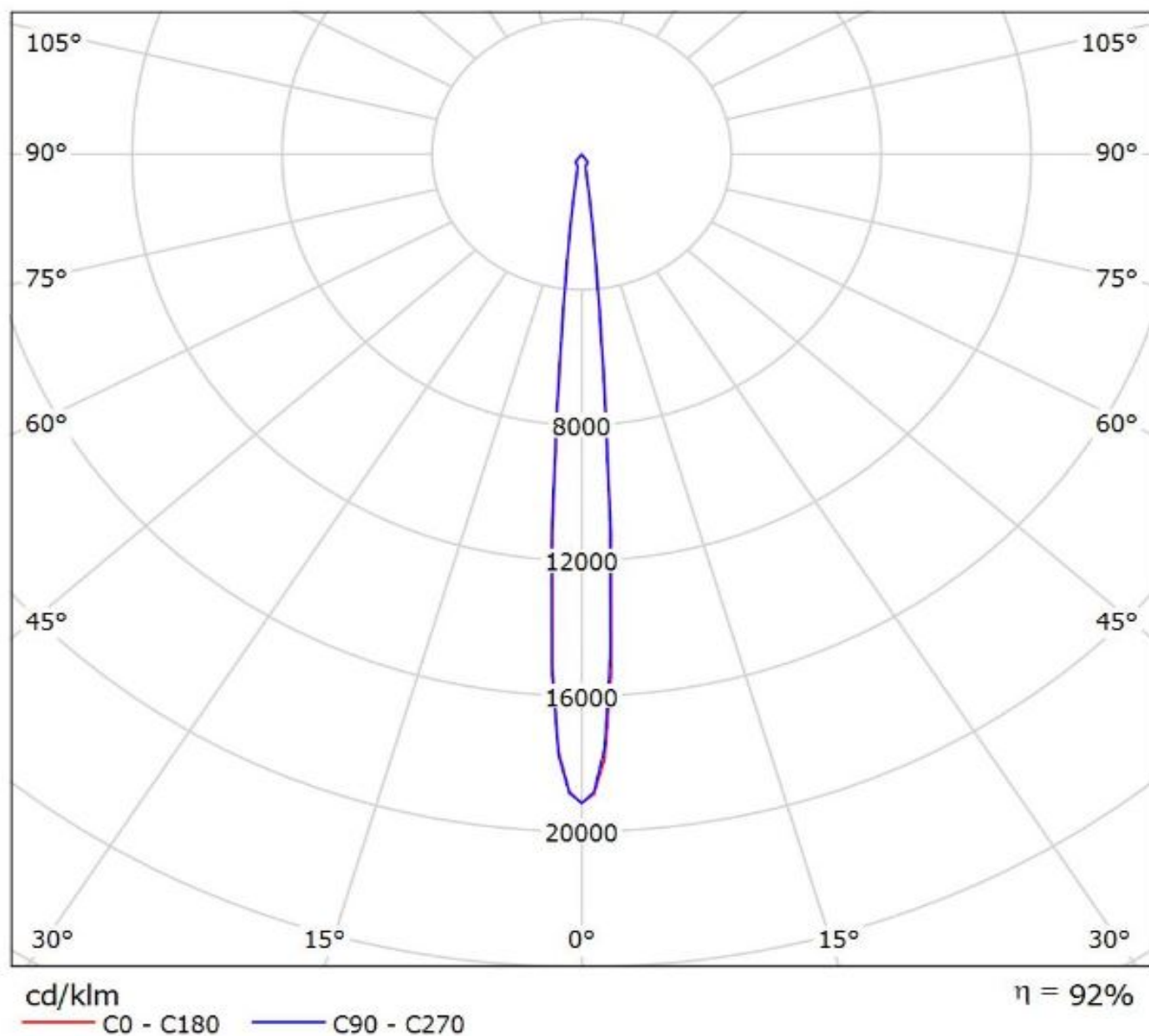
— C0 - C180

— C90 - C270

$\eta = 91\%$

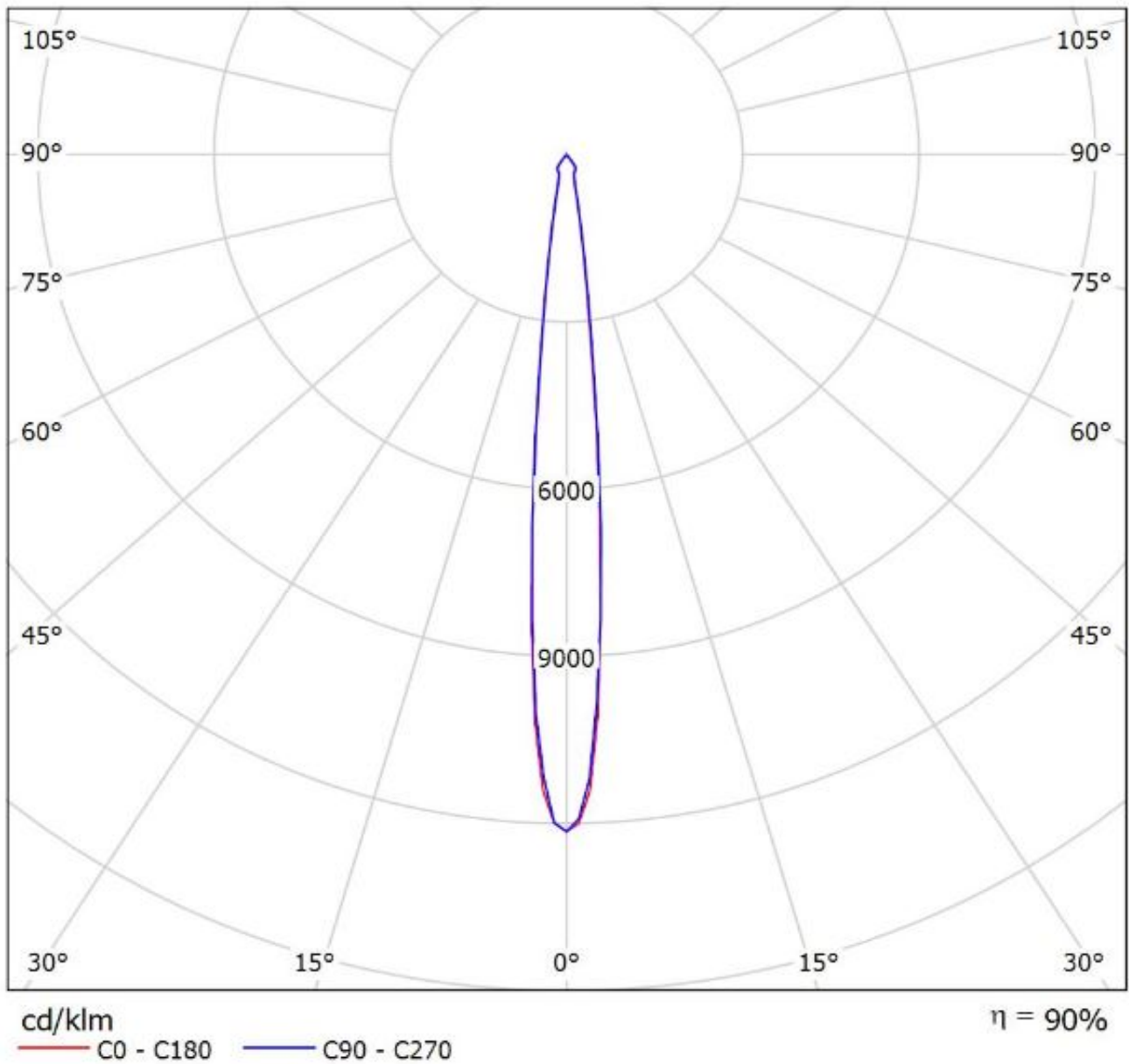
Luminaire: LEDiL Oy F13662_ANGELA-S-B_(SLE-G5_LES-15)

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



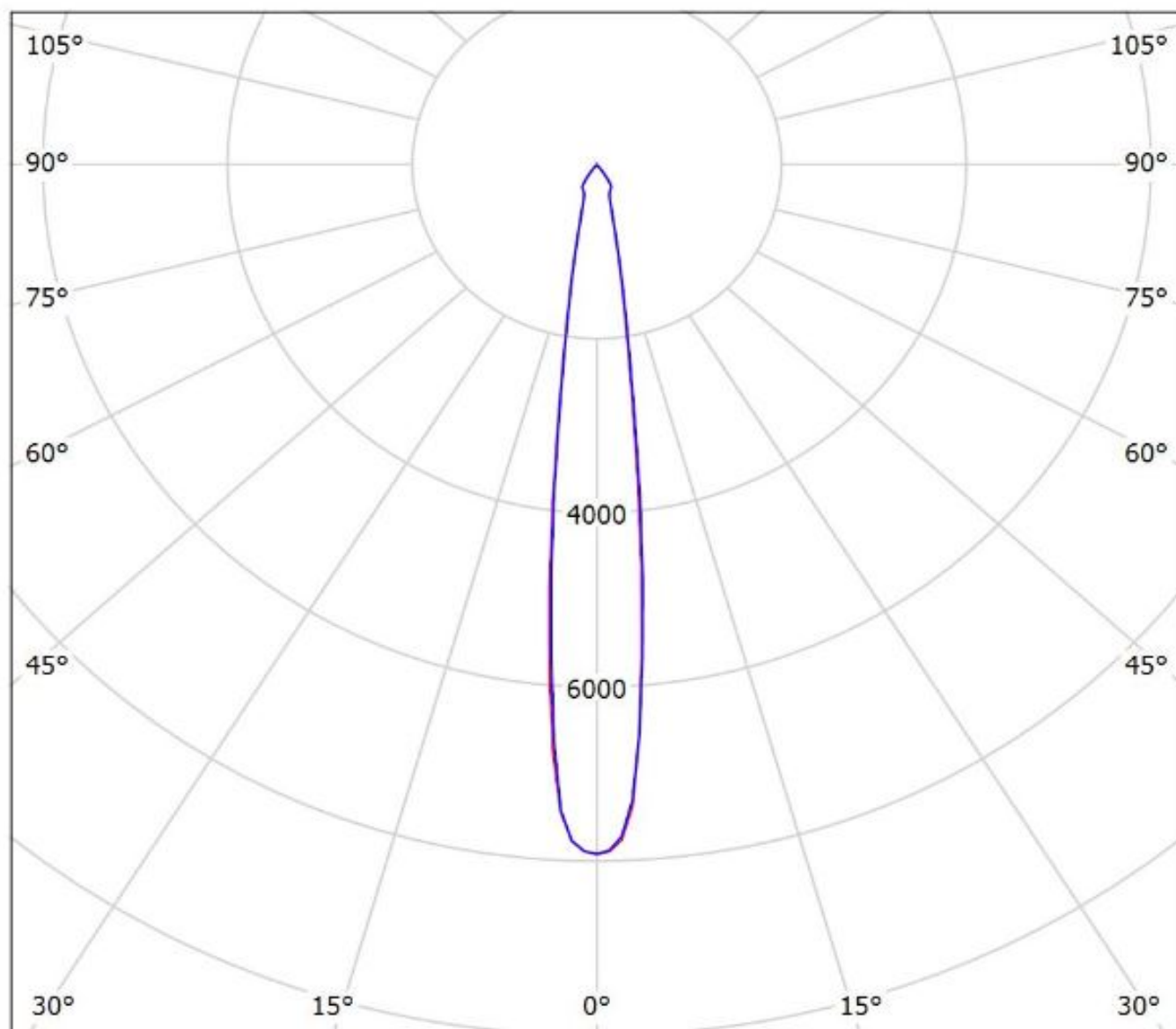
Luminaire: LEDiL Oy F13662_ANGELA-S-B_(SLE-G5_LES-19)

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



Luminaire: LEDiL Oy F13662_ANGELA-S-B_(SLE-G5_LES-23)

Lamps: 1 x Tridonic_SLE-G5_LES-23_1371.74lm@250mA_P=8.1065W_I=0.250A

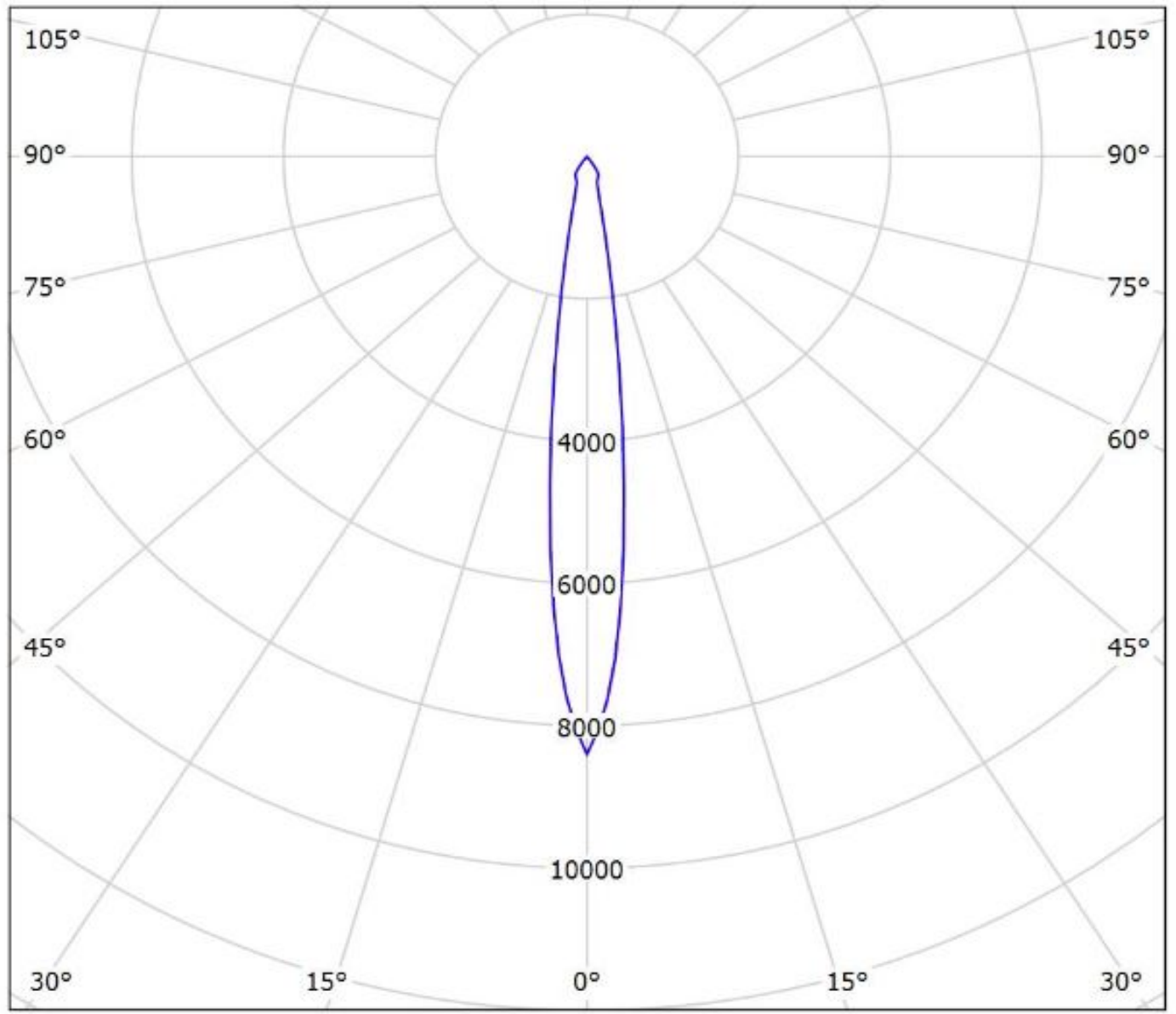


cd/klm

— C0 - C180 — C90 - C270

$\eta = 90\%$

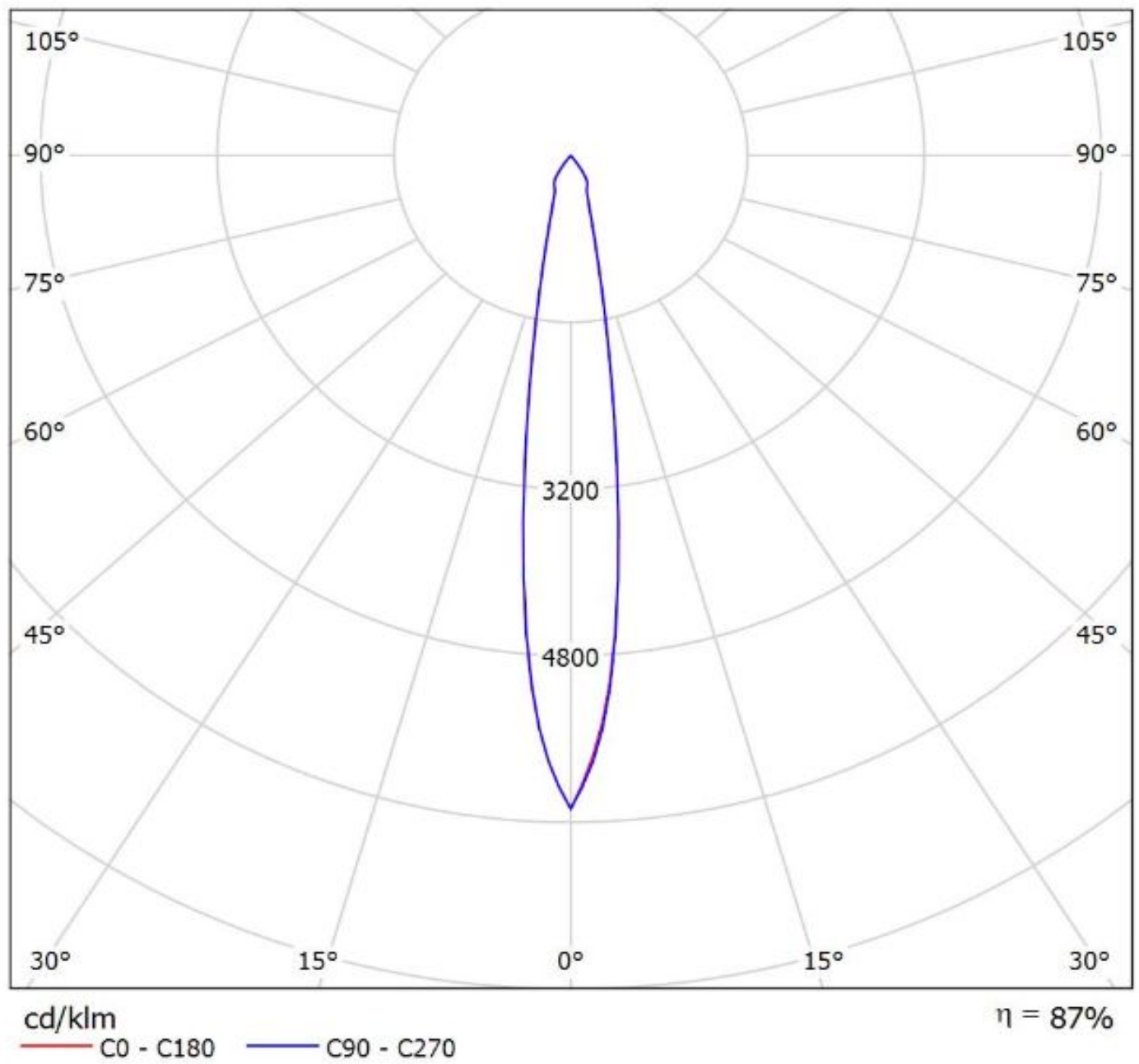
Luminaire: Ledil Oy F13662_ANGELA-S-B_TRIDONIC_SLE_G6_LES19_H_SIMULATED
Lamps: 1 x TRIDONIC SLE G6 LES19 H



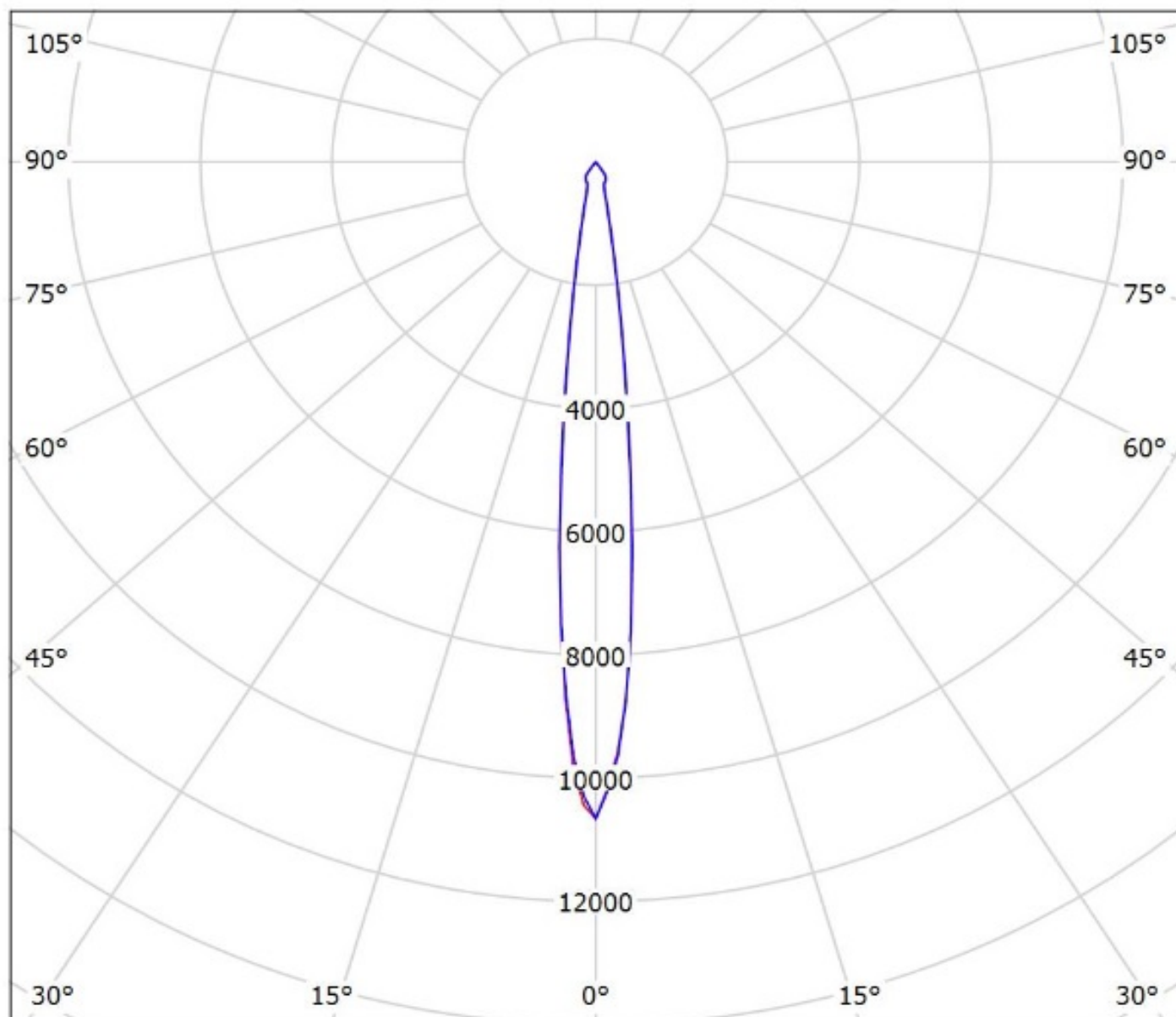
cd/klm
— C0 - C180 — C90 - C270

$\eta = 88\%$

Luminaire: Ledil Oy F13662_ANGELA-S-B_TRIDONIC_SLE_G6_LES23_H_SIMULATED
Lamps: 1 x TRIDONIC SLE G6 LES23 H



Luminaire: Ledil Oy F13662_ANGELA-S-B_(SLE_G6_LES17_H)_SIMULATED
Lamps: 1 x Tridonic SLE G6 LES17 H



cd/klm

— C0 - C180 — C90 - C270

$\eta = 88\%$

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.