

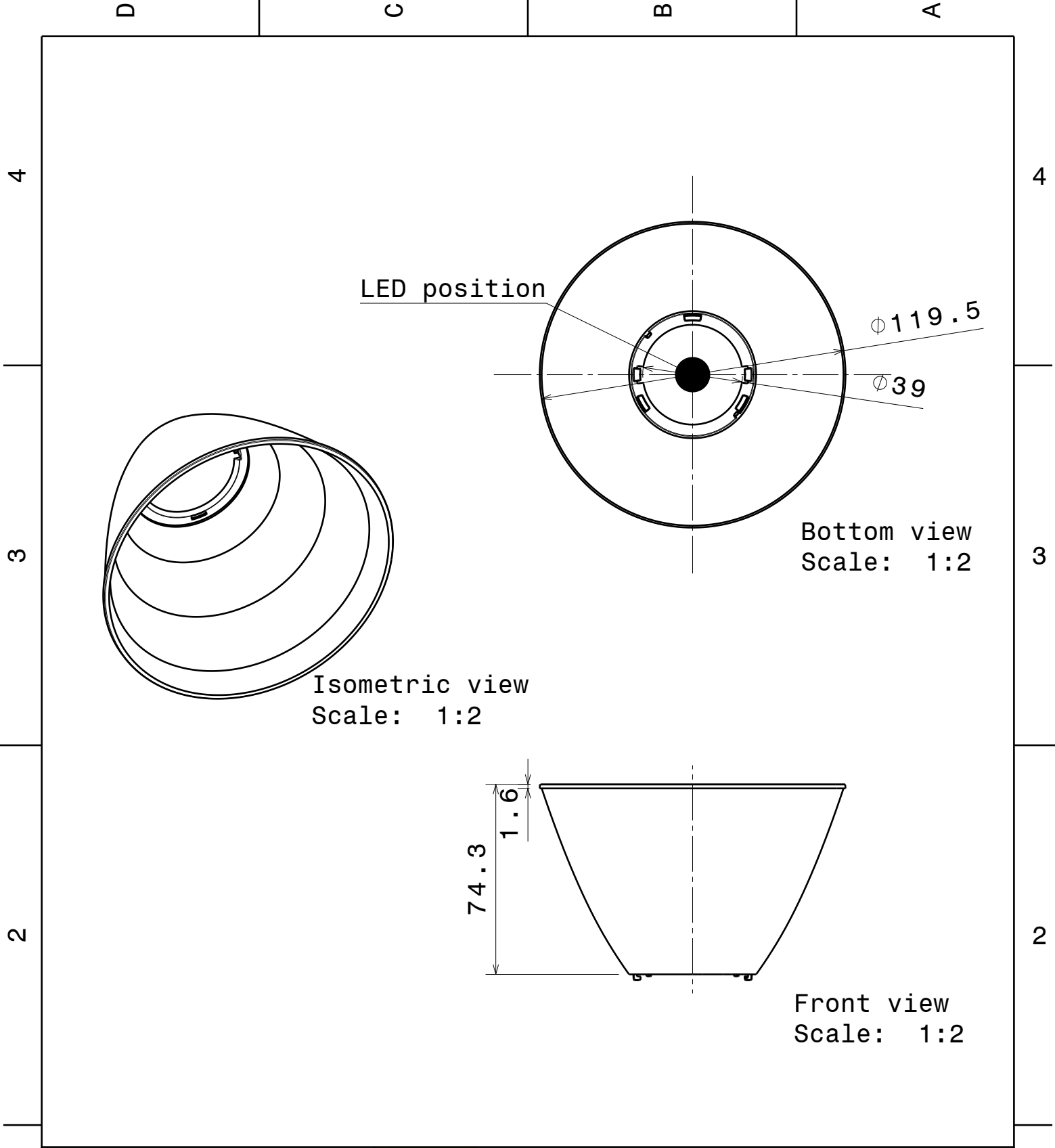
DETAILS

Product Number	F13663_ANGELA-M-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	4/09/2015



OPTICAL PROPERTIES

LED	Viewing Angle	Light Beam	Efficiency	cd/lm	Connector
CLU730	sim: 16	Medium	sim: 91 %	7.780	BJB: 47.319.2030
CLU720	14 deg	Medium	83 %	4.000	A.A.G. STUCCHI: 8101/G2
Soleriq S13	15 deg	Medium	83 %	4.000	A.A.G. STUCCHI: 8502/G2
COB 10W/13W/17W/24W	16 deg	Medium	83 %	3.900	BJB: 47.319.2080
BXRA ES Rectangle	16 deg	Medium	82 %	3.690	BJB: 47.319.2040
CLL03x/CLU03x	16 deg	Medium	83 %	3.800	BJB: 47.319.2021
CXM-14	16 deg	Medium	82 %	3.900	BJB: 47.319.2021
LUXEON CoB 1204/1205	16 deg	Medium	82 %	3.840	A.A.G. STUCCHI: 8301/G2
COB 10W/13W/17W/24W	16 deg	Medium	82 %	3.800	A.A.G. STUCCHI: 8600/G2
CLL03x/CLU03x	16 deg	Medium	83 %	3.630	A.A.G. STUCCHI: 8101/G2
ZC12/18	16 deg	Medium	82 %	3.770	A.A.G. STUCCHI: 8101/G2
Soleriq P13	16 deg	Medium	83 %	3.760	A.A.G. STUCCHI: 8502/G2
Soleriq S13 Gen2	16 deg	Medium	80 %	3.730	BJB: 47.319.2021
SLE G5 LES15	16 deg	Medium	82 %	3.800	BJB: 47.319.2021
Mega Zenigata (GW6DME)	17 deg	Medium	84 %	3.700	BJB: 47.319.2011
LUXEON K16	17 deg	Medium	87 %	3.700	BJB: 47.319.2070
LUXEON K12	17 deg	Medium	87 %	3.700	BJB: 47.319.2070
Soleriq S19	17 deg	Medium	83 %	3.400	A.A.G. STUCCHI: 8503/G2
LUXEON CoB 1208	17 deg	Medium	83 %	3.500	A.A.G. STUCCHI: 8301/G2
Mega Zenigata (GW6DME)	17 deg	Medium	83 %	3.560	A.A.G. STUCCHI: 8301/G2
STARK SLE PURE G3 LES17	17 deg	Medium	82 %	3.450	A.A.G. STUCCHI: 8101/G2
SLE G4 LES19 H	17 deg	Medium	81 %	3.400	-
SLE G5 LES19 H	17 deg	Medium	80 %	3.500	-
Soleriq S19	18 deg	Medium	83 %	3.380	BJB: 47.319.2170
CXA/B 25xx	18 deg	Medium	82 %	3.180	A.A.G. STUCCHI: 8401/G2

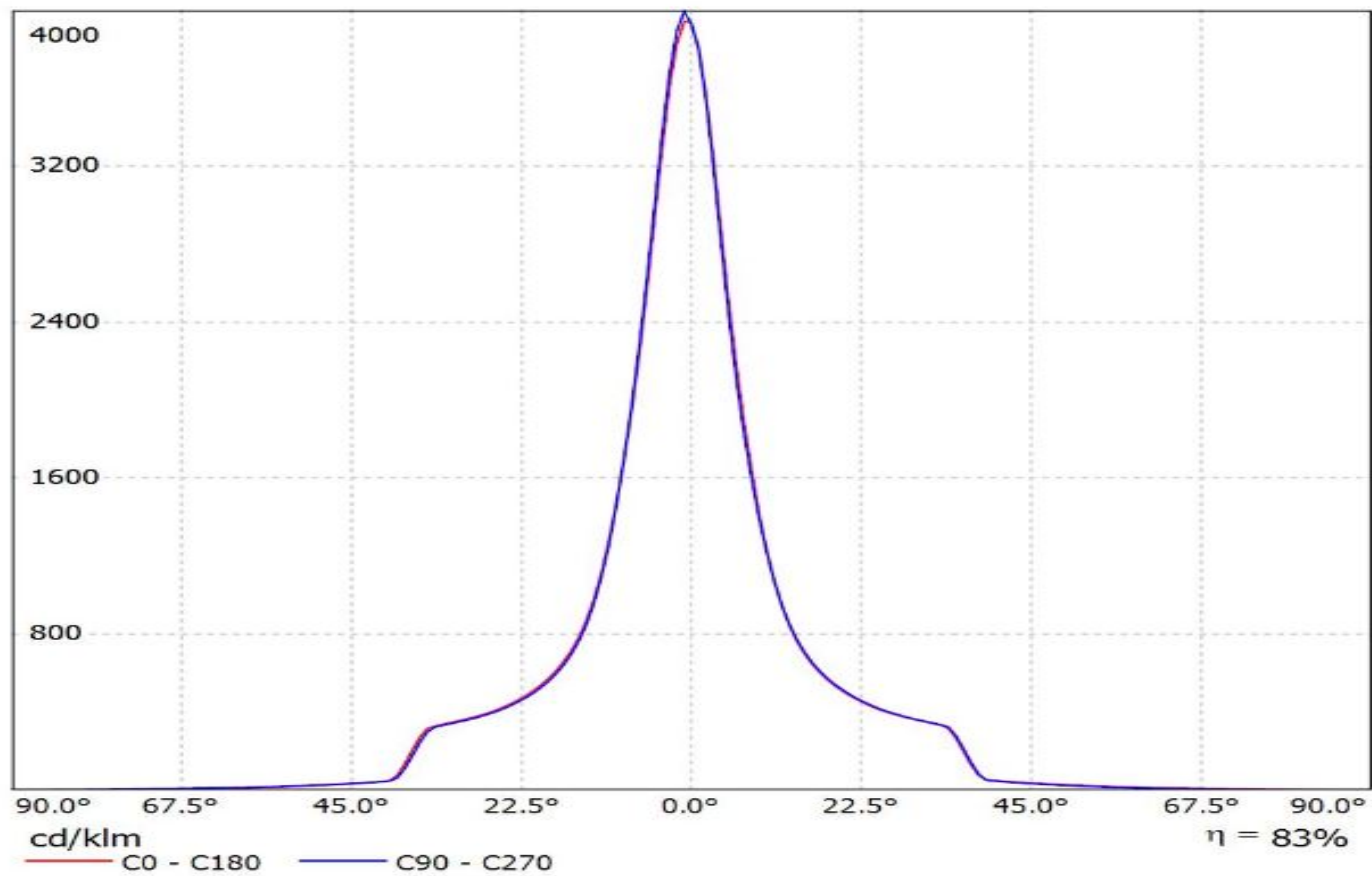


Tolerances if not otherwise shown According to DIN ISO 2768-1 Linear measures: Up to 30mm class M, otherwise class C. According to DIN ISO 2768-2 Form and position: class L		<div>LEDiL</div> <div>Ledil Oy Salorankatu 10 FIN 24240 SALO Finland</div>			
THIRD ANGLE PROJECTION: 		DRAWING TITLE <div>Angela-B</div>			
This drawing is the property of LEDiL Oy. It may not be reproduced, copied or communicated without a written agreement with LEDiL Oy."		SIZE <div>A4</div>	PART NUMBER <div>-</div>		
		SCALE 1:2	WEIGHT -		SHEET 1 / 1

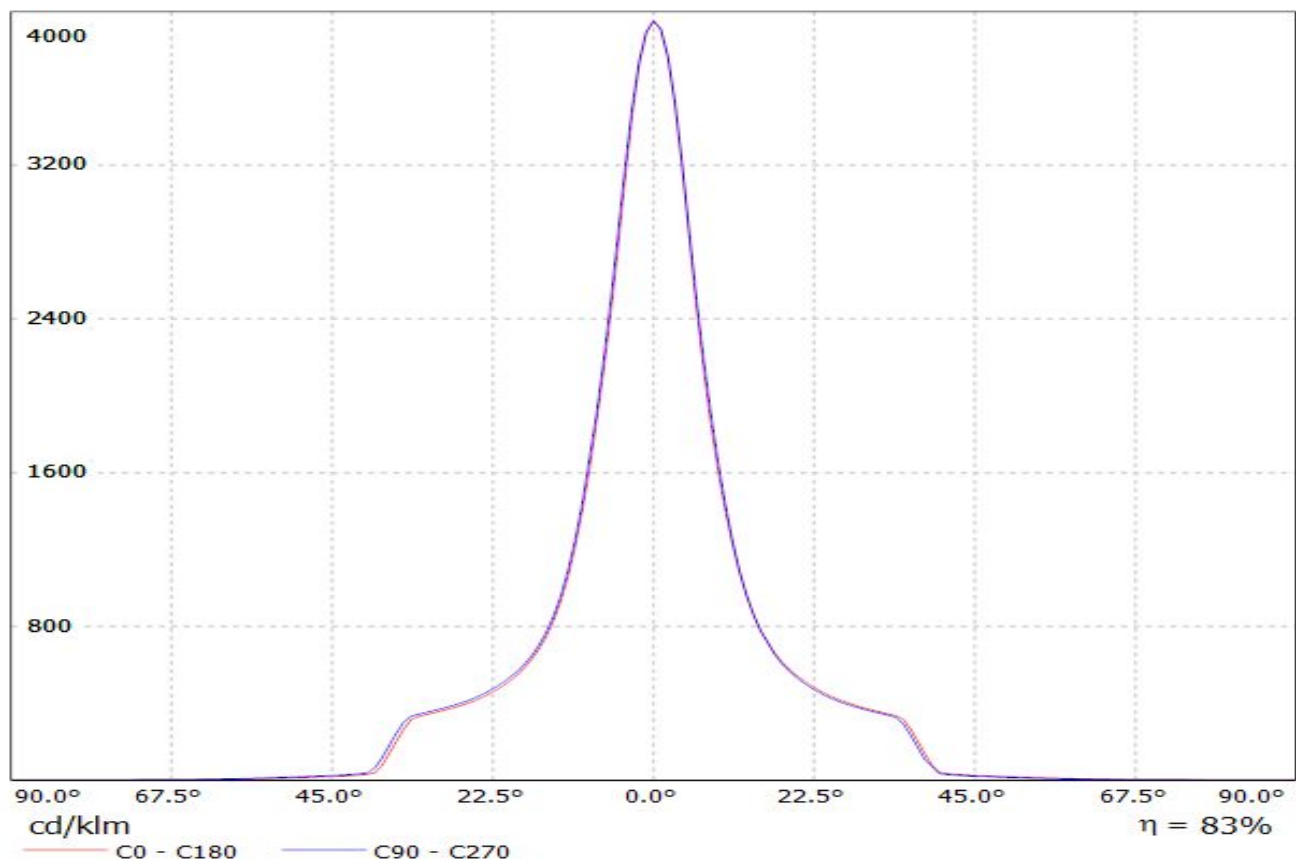
D

A

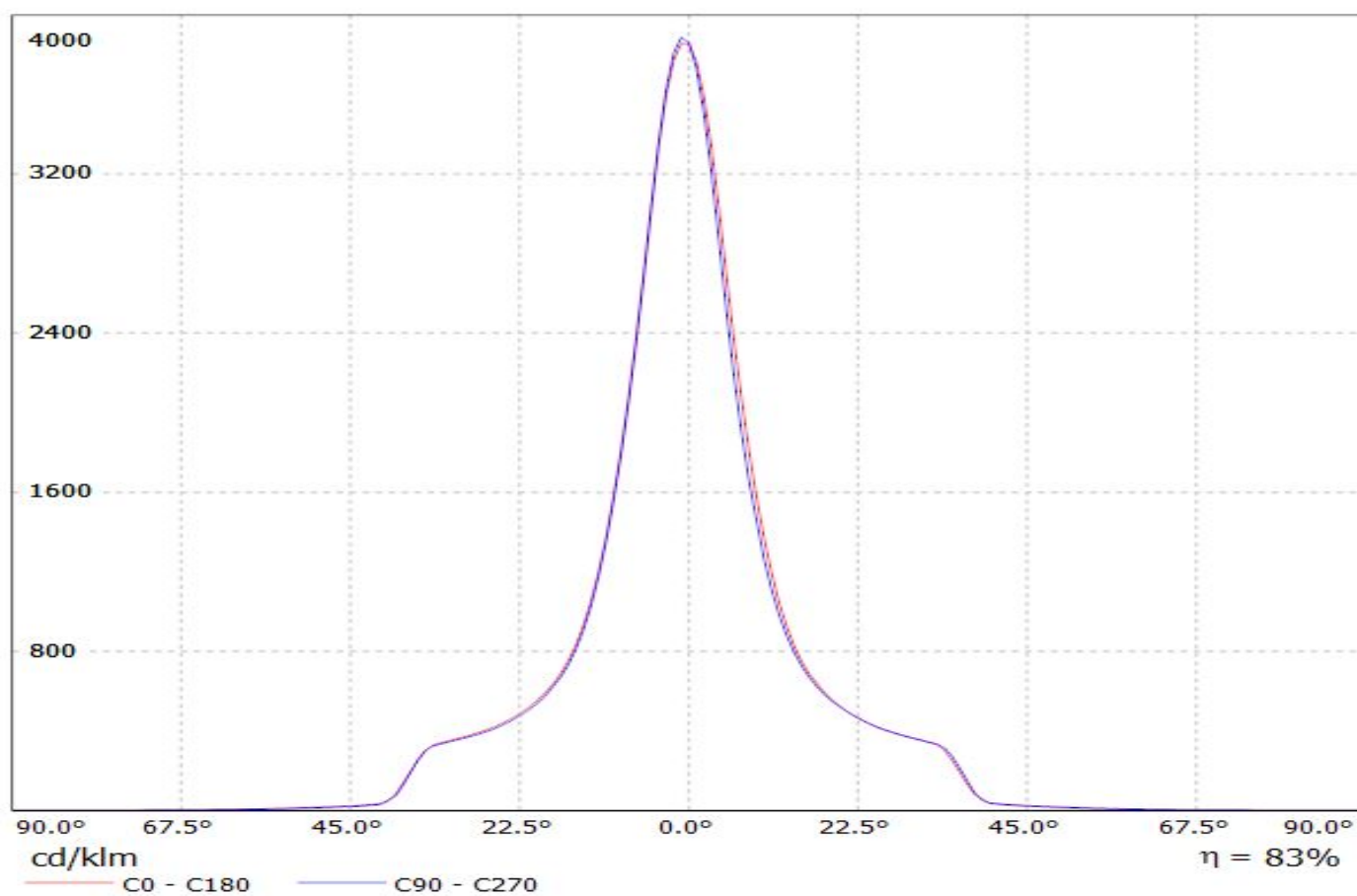
Luminaire: Ledil F13663_ANGELA-M-B_(CITIZEN_CLU720)
Lamps: 1 x CITIZEN_CLU720_(CLU720-1206B8-273M2)
_1320.42lm@250mA_CCT=2700K_P=8.35W_I=0.25A



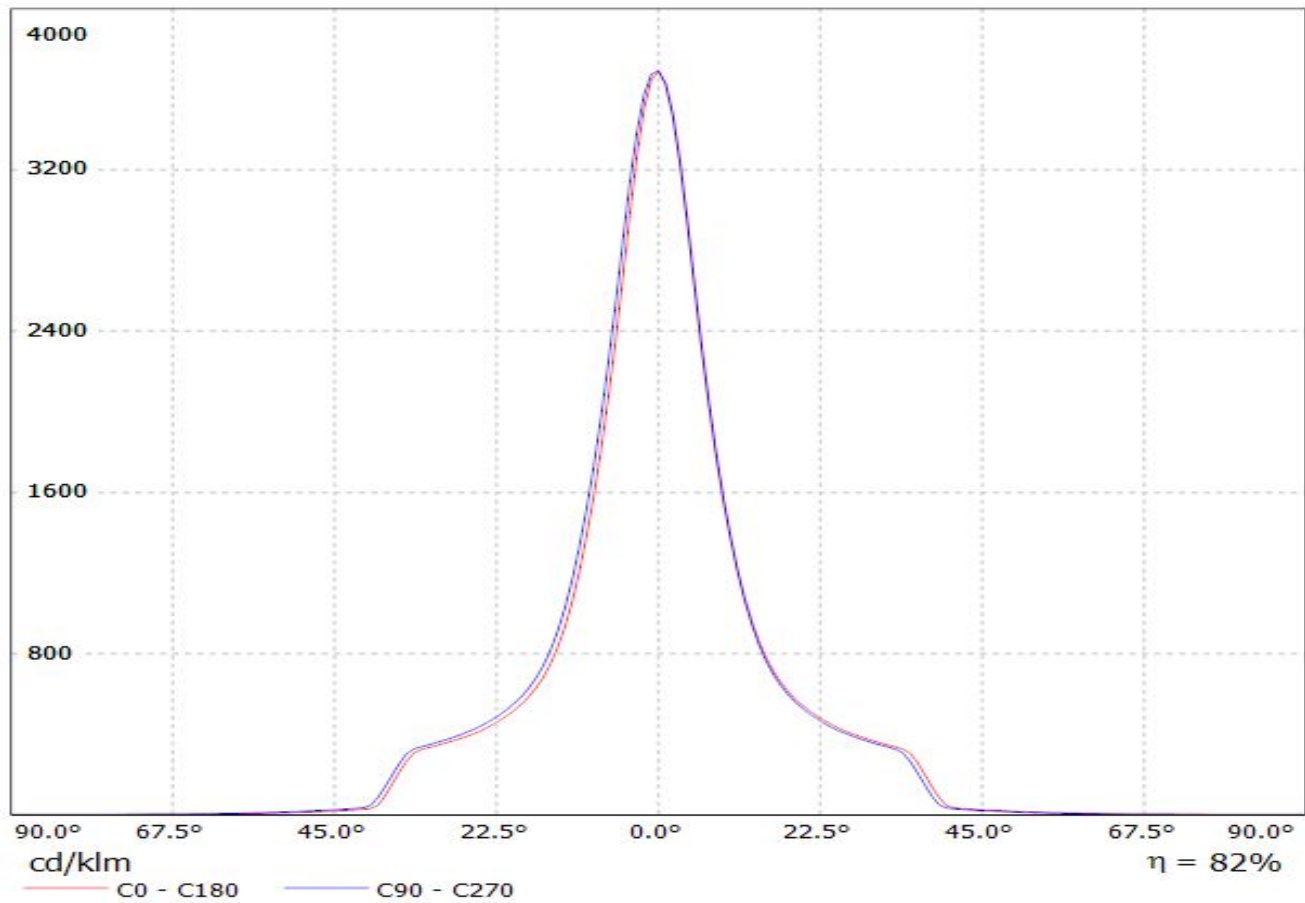
Luminaire: LEDiL Oy F13663_ANGELA-M-B_(S13) Eff.83.2%
Lamps: 1 x Osram_Solericq_S13_901.003lm@250mA_P=7.48151W_I=249.9mA



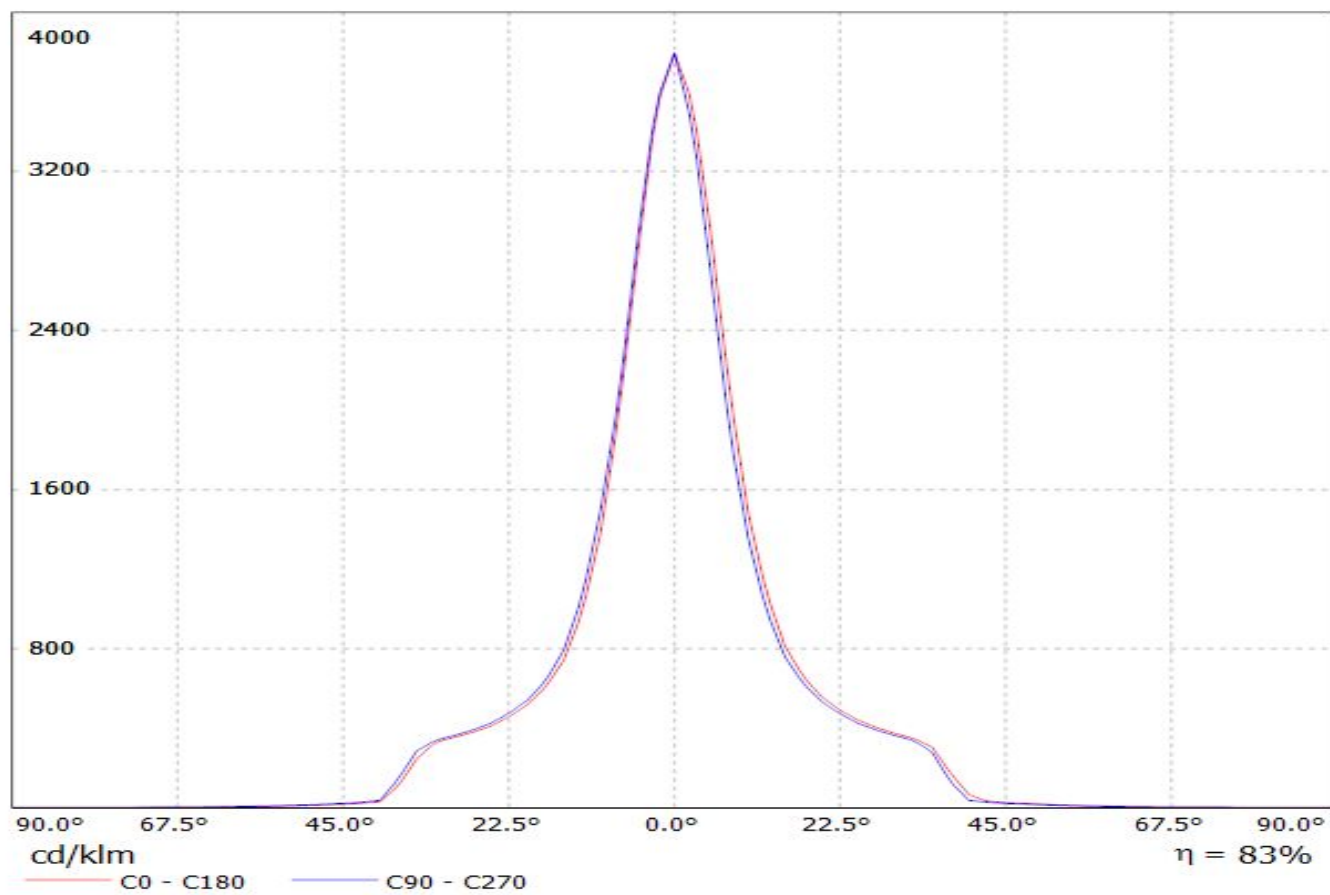
Luminaire: LEDiL Oy F13663_ANGELA-M-B_(COB-10W) Eff.83.2%
Lamps: 1 x LG_COB-10W_1065.85lm@250mA_CCT=5090K_P=9.10871W_I=249.8mA



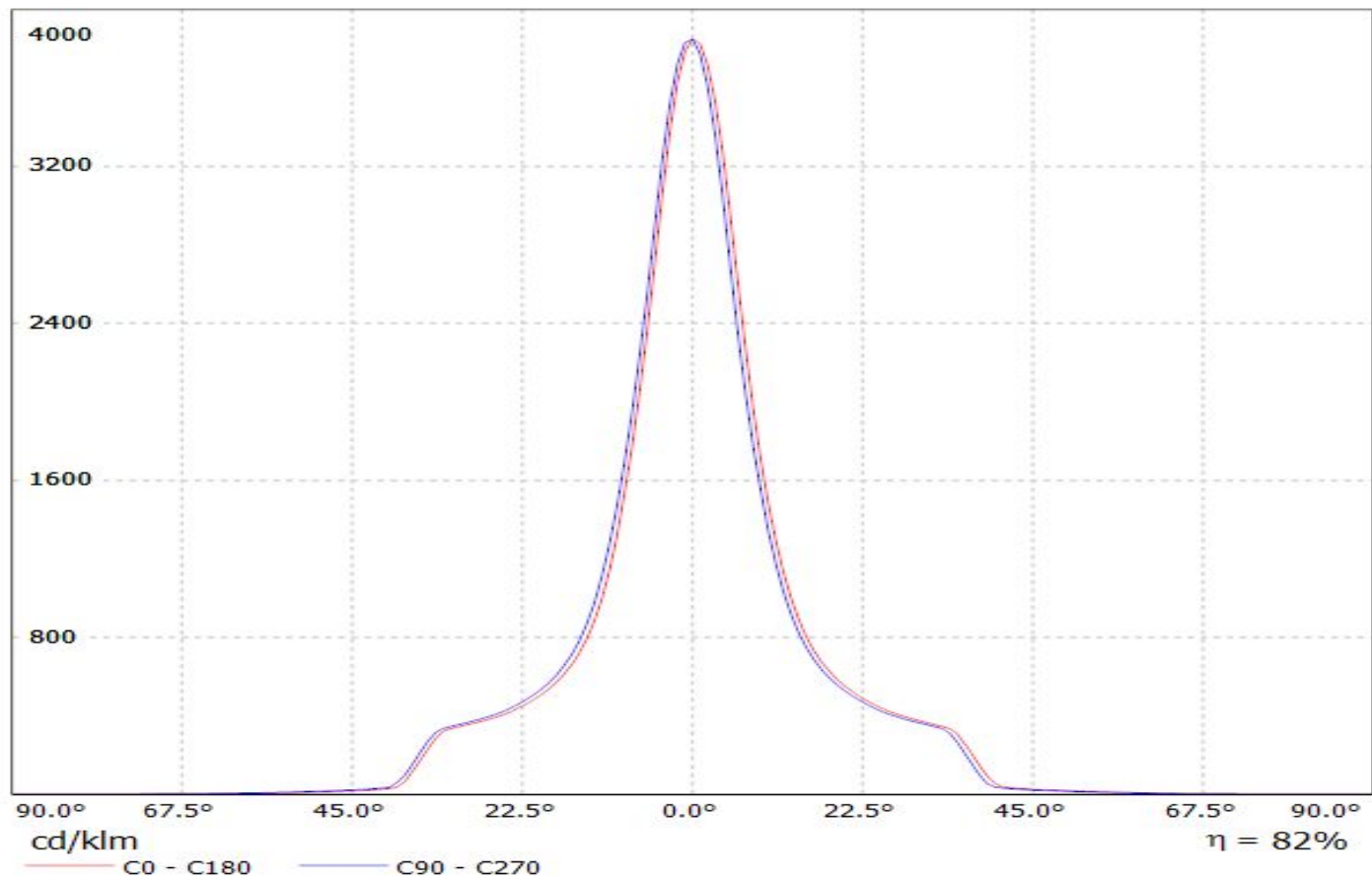
Luminaire: LEDiL Oy F13663_ANGELA-M-B_(BXRA_ES) Eff.82.2%
Lamps: 1 x Bridgelux_BXRA_ES_287.055lm@250mA_P=4.09486W_I=249.9mA



Luminaire: LEDiL Oy F13663_ANGELA-M-B_(CLL030) Eff.82.7%
Lamps: 1 x Citizen_CLL030_1040.57lm@250mA_P=8.45923W_I=249.8mA

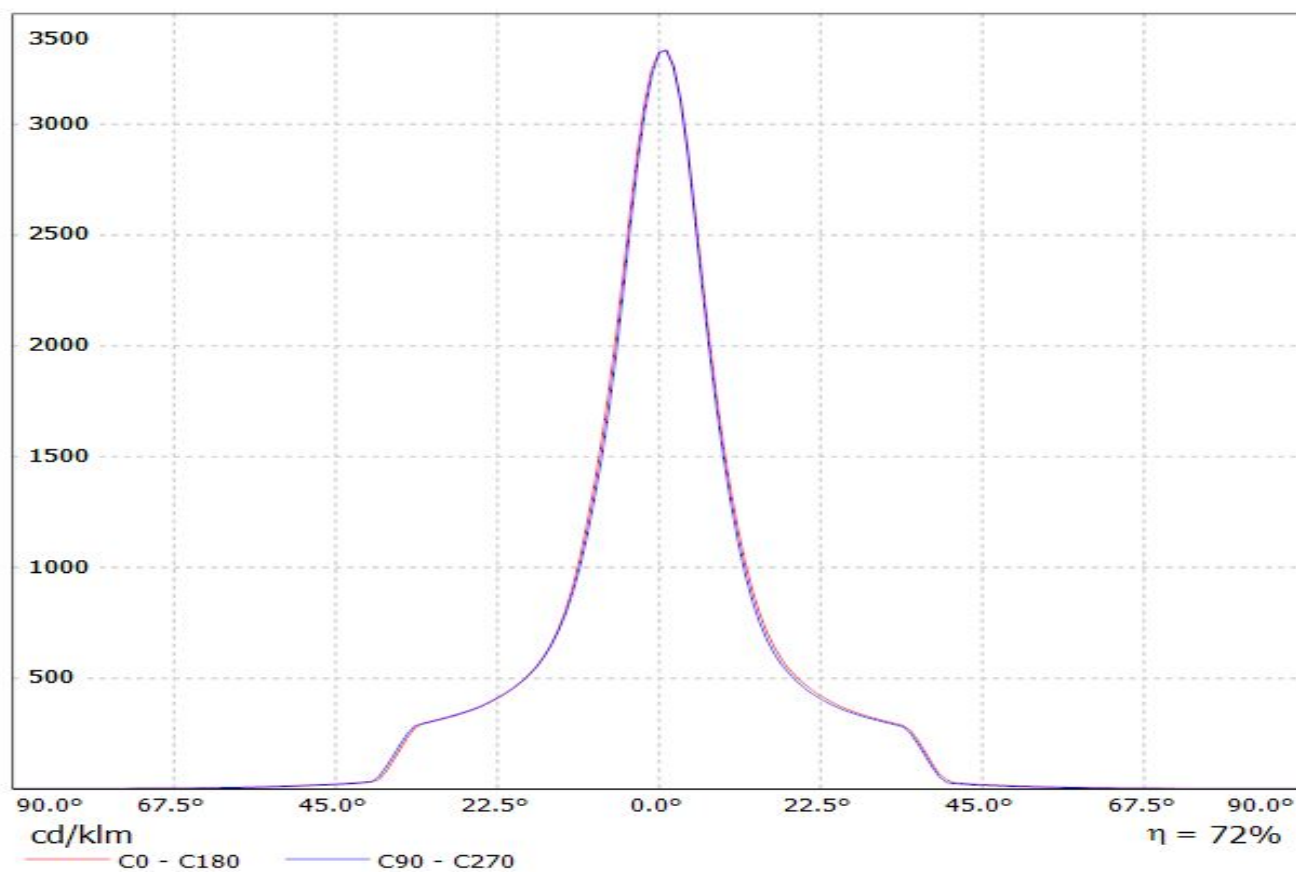


Luminaire: LEDiL Oy F13663_ANGELA-M-B_(CXM-14)
Lamps: 1 x LUMINUS_XNOVA_CXM-14_(AC00)
_1049.18lm@250mA_CCT=3126K_P=8.31834W_I=249.8mA

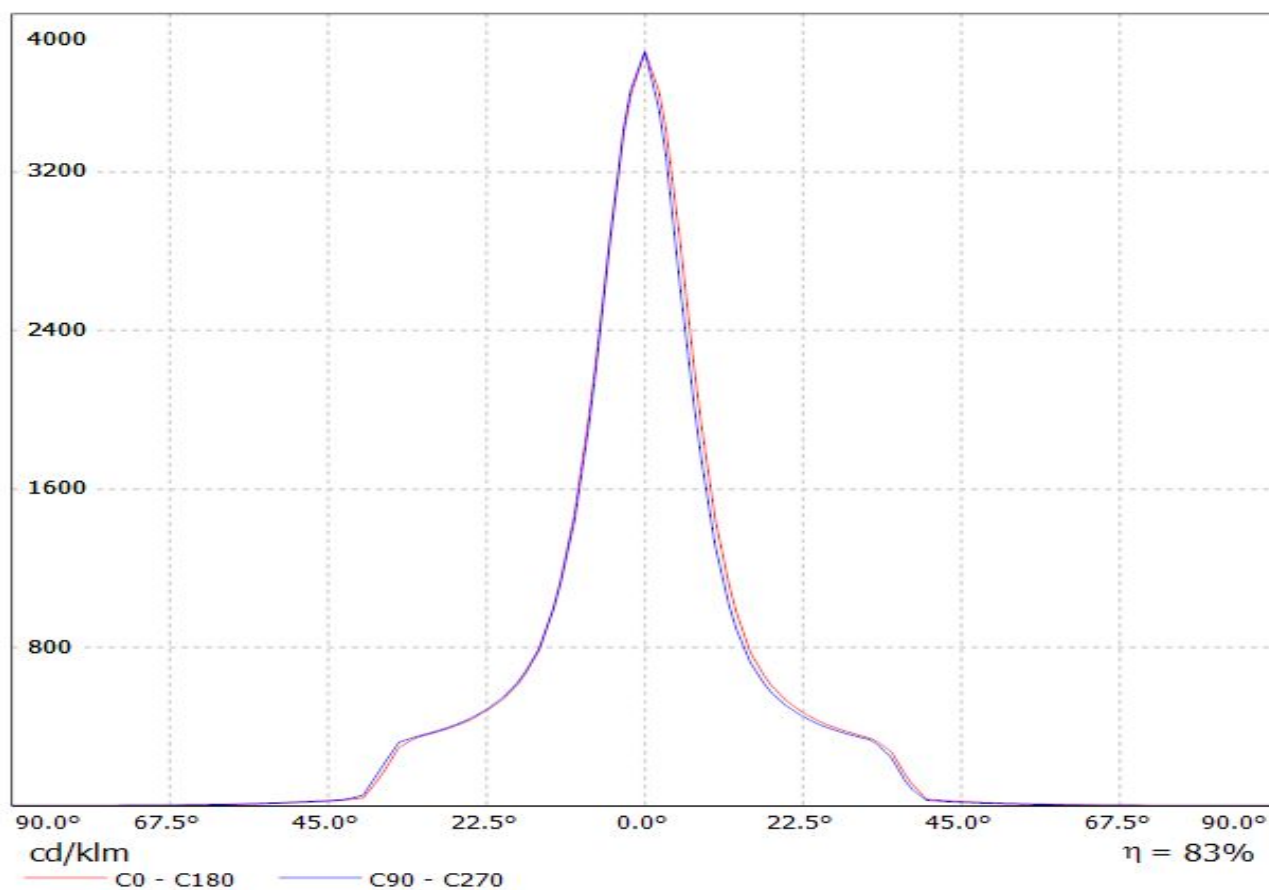


Luminaire: LEDiL Oy F13663_ANGELA-M-B_(Luxeon_CoB_1205)

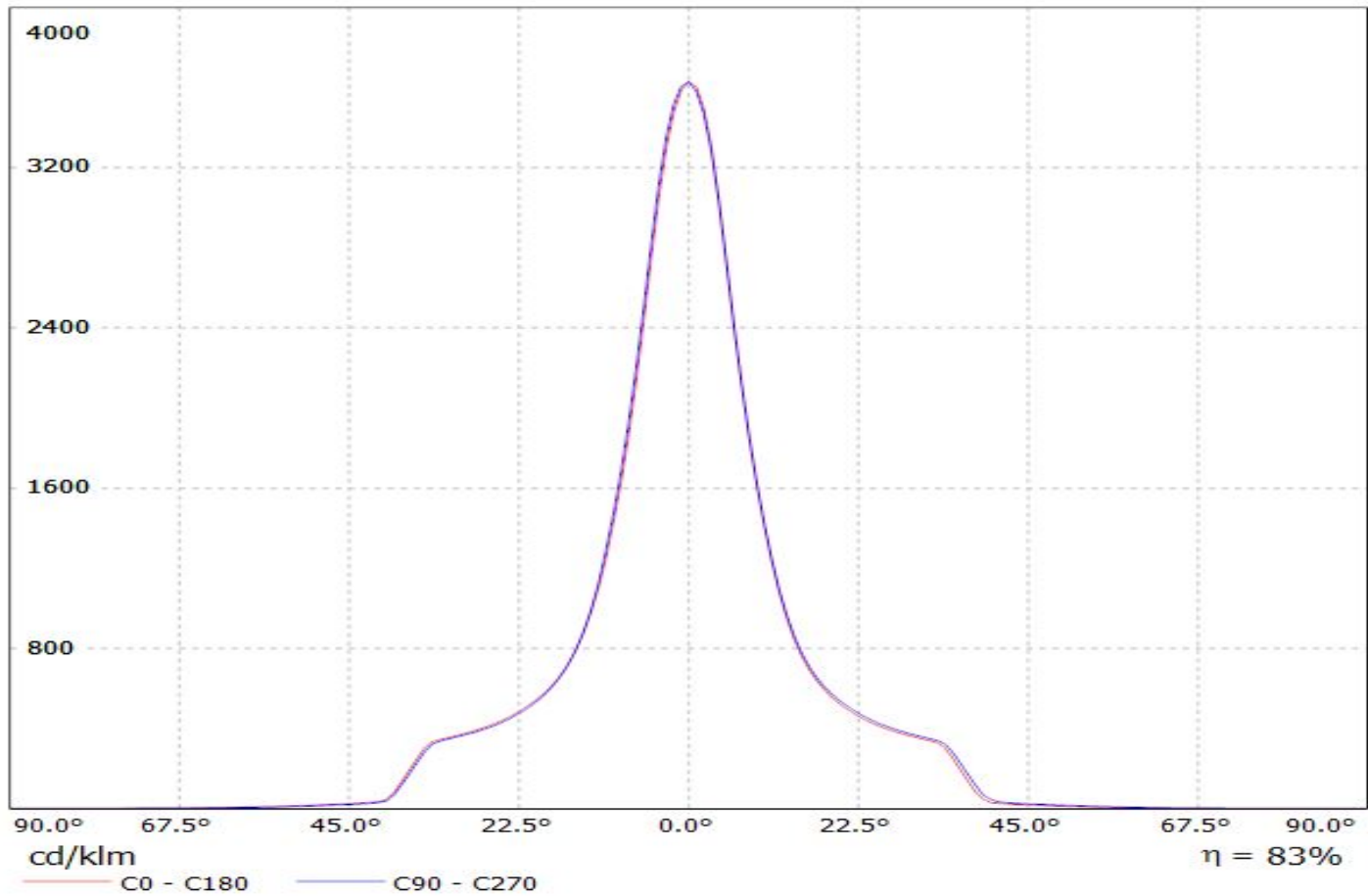
Lamps: 1 x LUXEON_COB_1205_(LHC1-3080-1205)_1274.35lm@250mA_CCT=3000K_P=11.183W_I=249.8mA



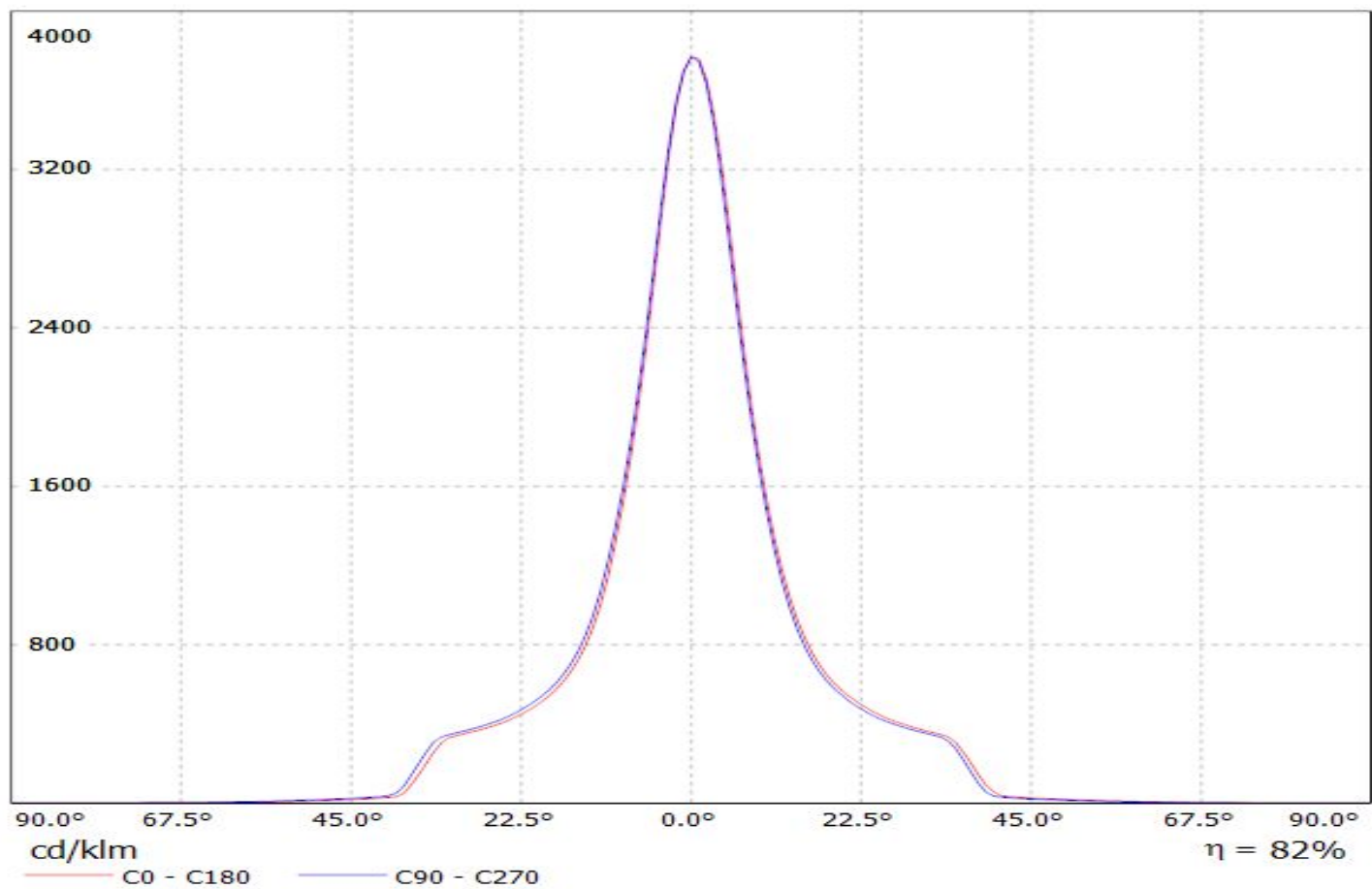
Luminaire: LEDiL Oy F13663_ANGELA-M-B_(LG_COB_10W)
Lamps: 1 x LG_COB_10W_(LEMWM18580LG00)_917.757lm@250mA_P=9.31304W_I=249.8mA



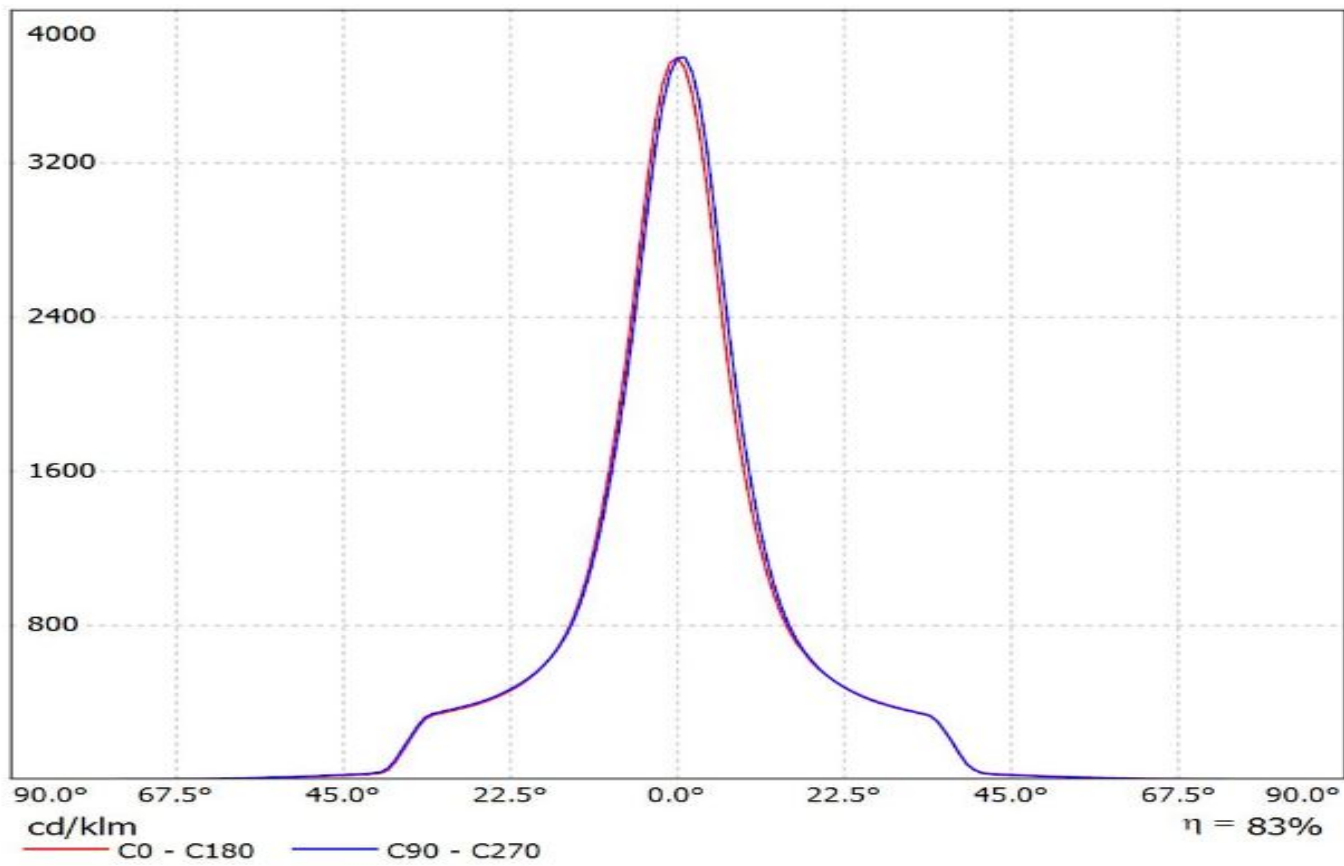
Luminaire: LEDiL Oy F13663_ANGELA-M-B_(CLU034)
Lamps: 1 x Citizen_CLU034_(CLU034-1205B8-303M1A2)_1159.11lm@250mA_P=8.46586W_I=249.9mA



Luminaire: LEDiL Oy F13663_ANGELA-M-B_(ZC12)
Lamps: 1 x SEOUL_ZC12_(SDW82F1C)_1240.73lm@250mA_P=8.68405W_I=249.8mA

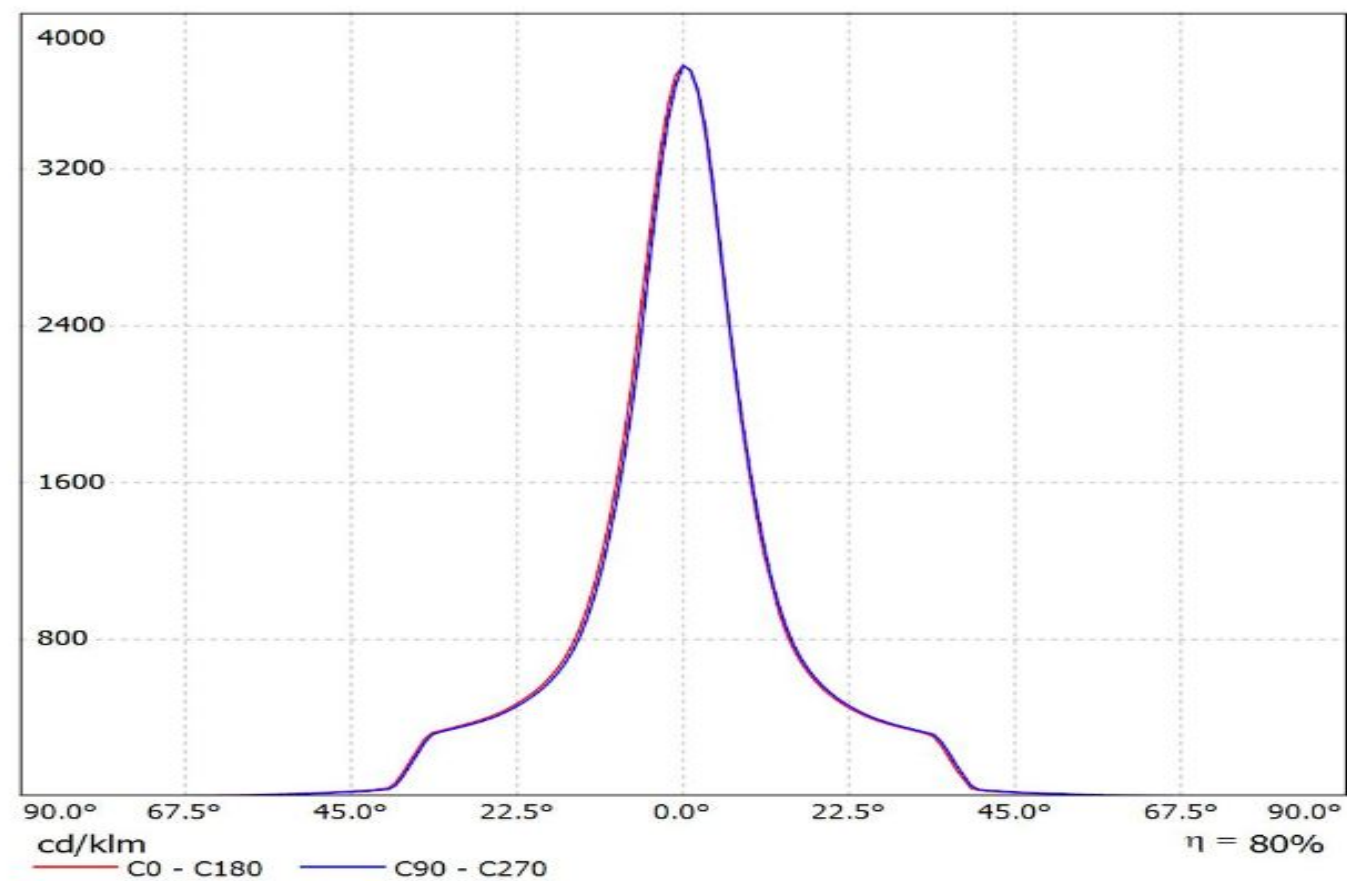


Luminaire: LEDiL Oy F13663_ANGELA-M-B_(SOLERIQ_P13)
Lamps: 1 x SOLERIQ_P13_(GW_MAGMB1.EM)_1053.65lm@250mA_CCT=3000K_P=8.82044W_I=249.8mA



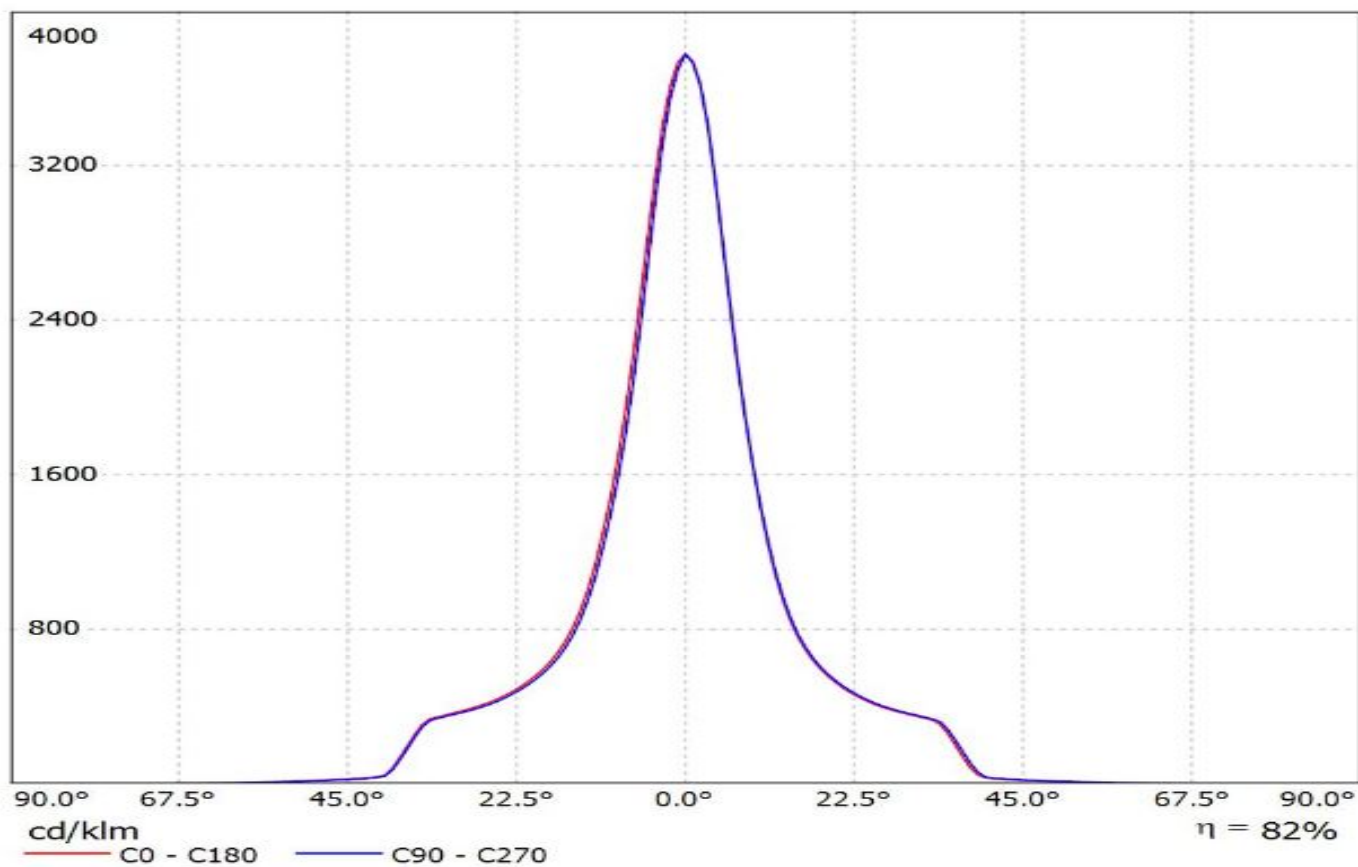
Luminaire: Ledil F13663_ANGELA-M-B_(Soleriq_S13_G2)

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

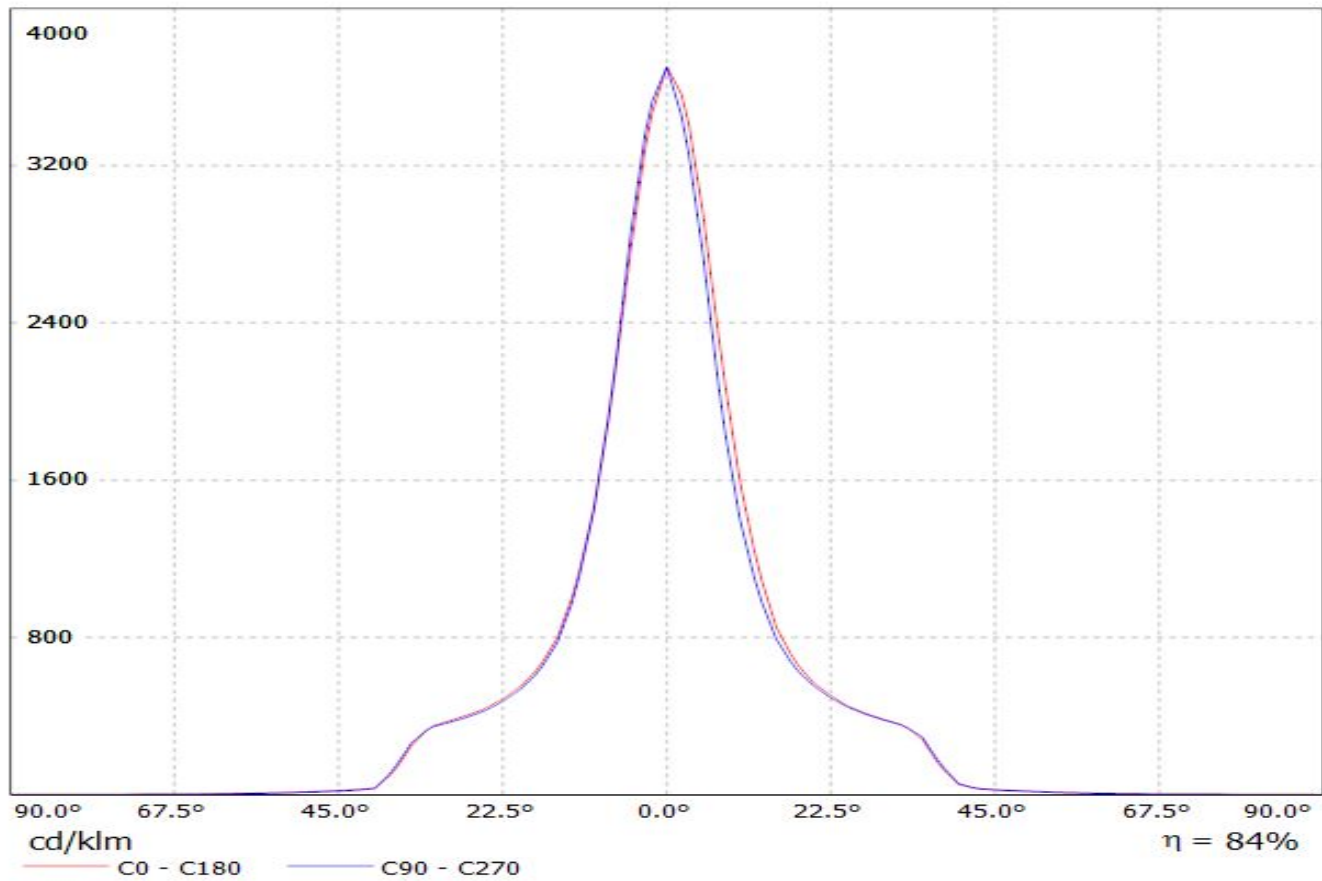


Luminaire: LEDiL Oy F13663_ANGELA-M-B_(SLE-G5_LES-15)

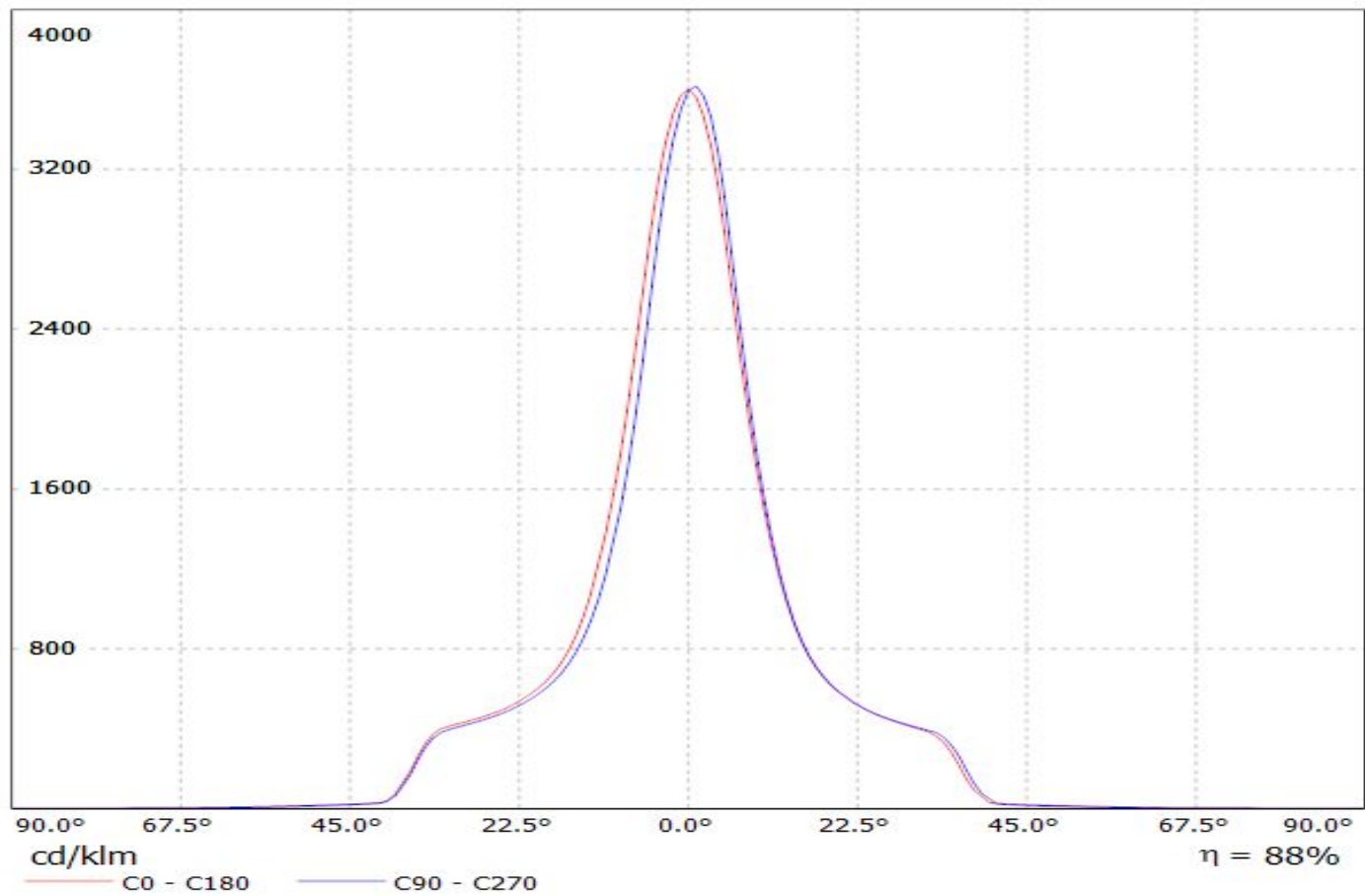
Lamps: 1 x Tridonic_SLE-G5_LES-15_1272.36lm@250mA_P=8.6660W_I=0.250A



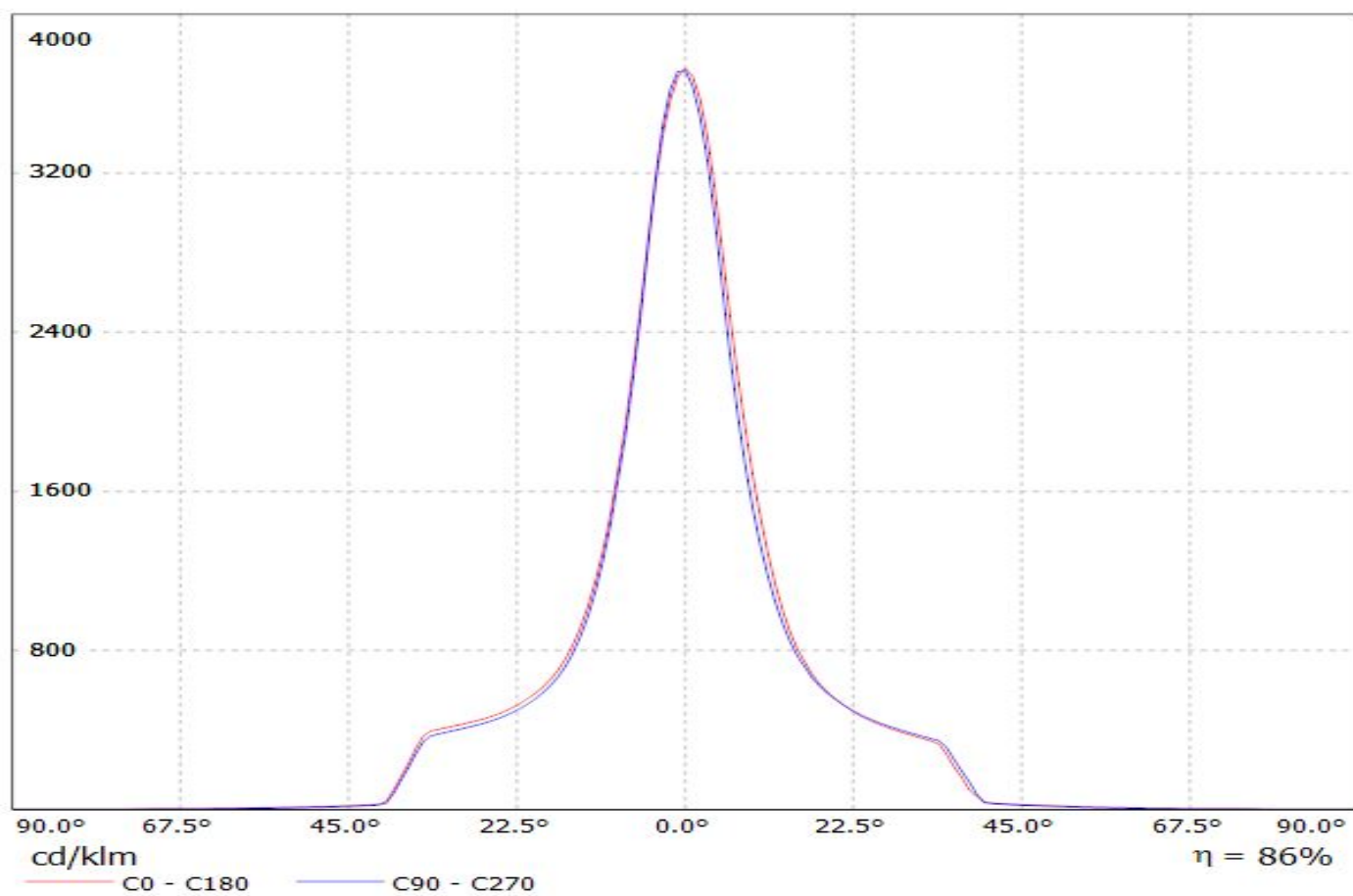
Luminaire: LEDiL Oy F13663_ANGELA-M-B_(MZ) Eff.84.3%
Lamps: 1 x Sharp_Mega_Zenigata_1226.07lm@250mA_P=11.1573W_I=249.8mA



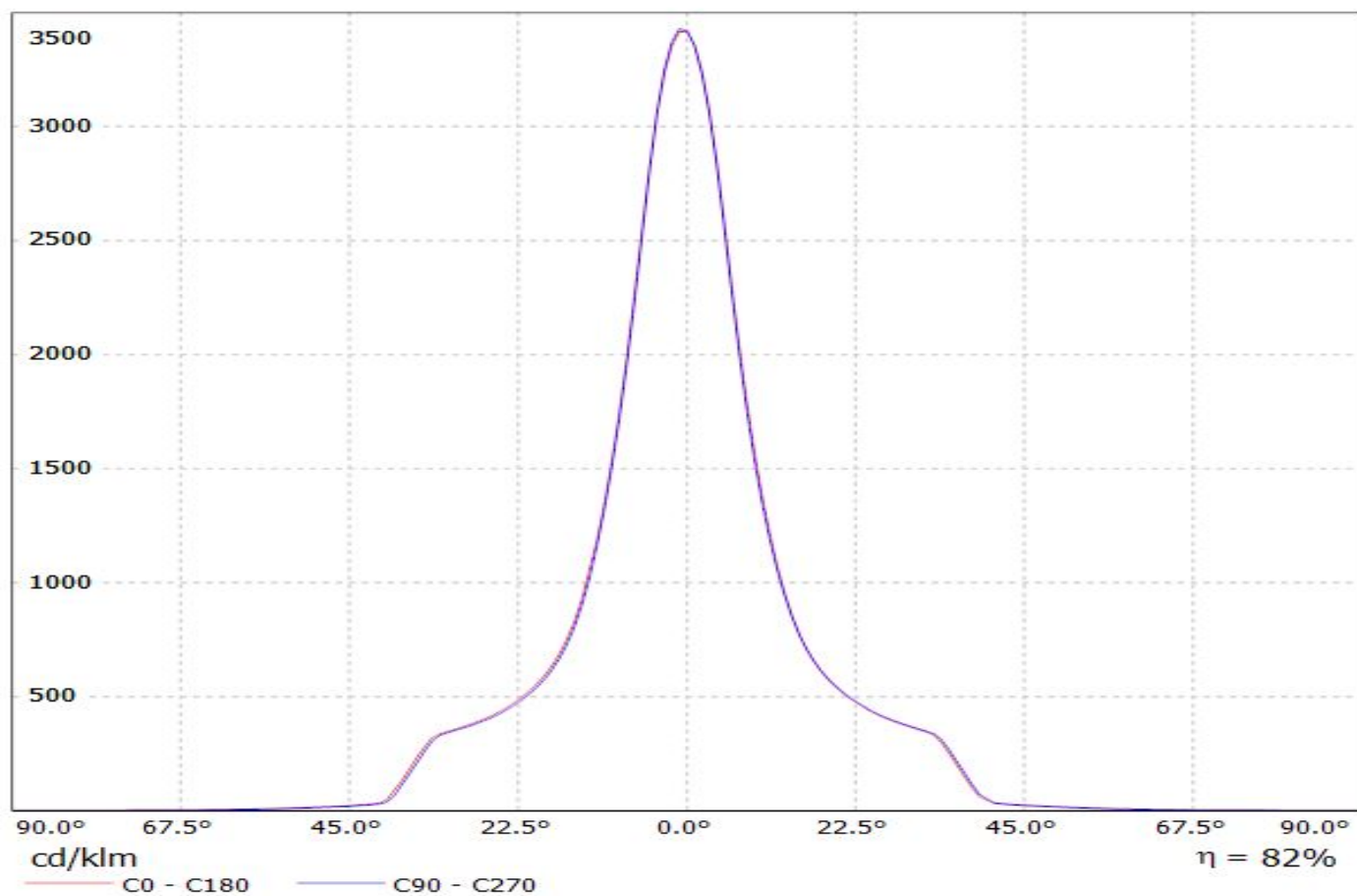
Luminaire: LEDiL Oy F13663_ANGELA-M-B_(K16) Eff.87.9%
Lamps: 1 x Luxeon_K16_1224.2lm@250mA_P=10.8991W_U=249.9mA



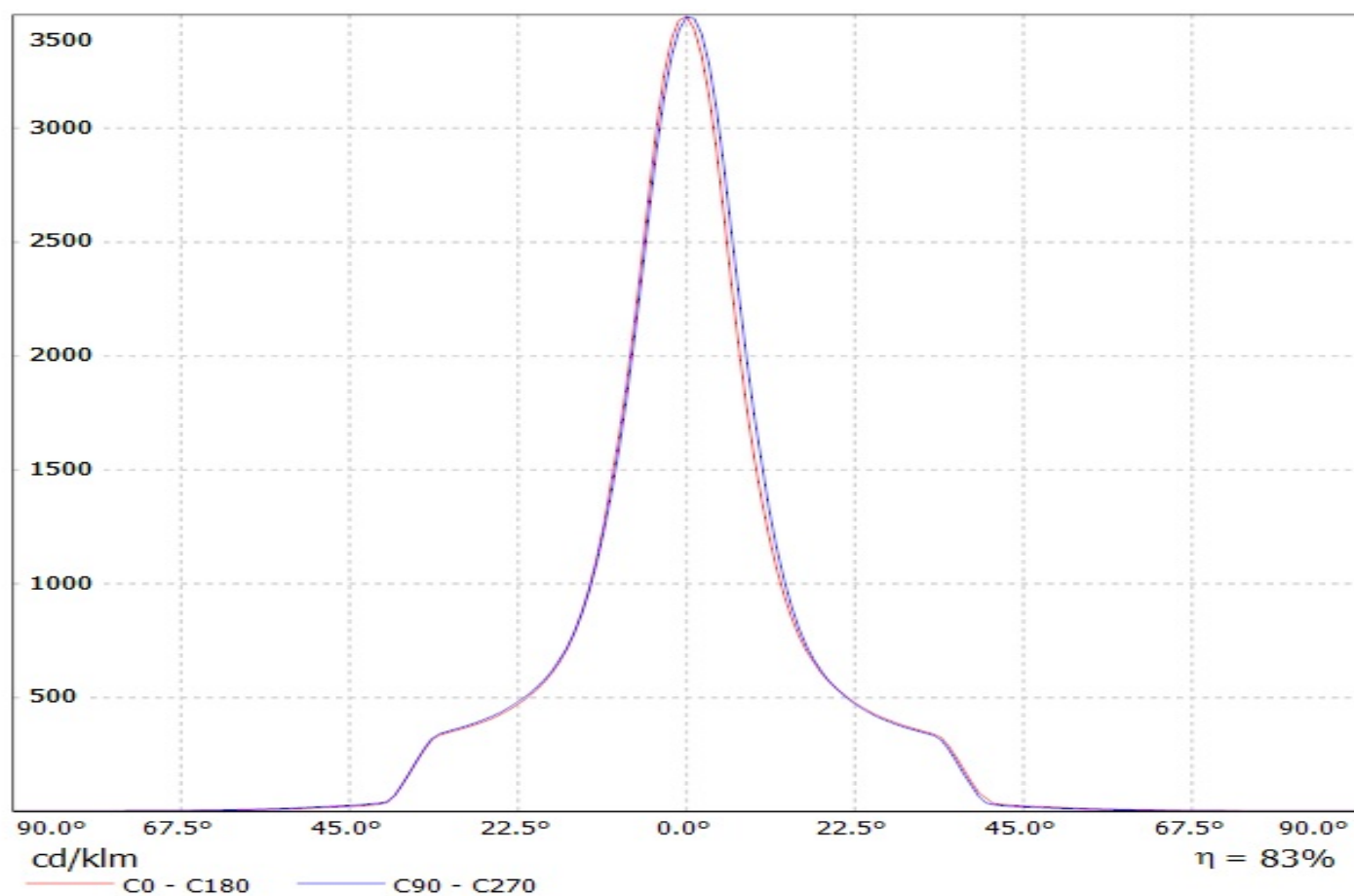
Luminaire: LEDiL Oy F13663_ANGELA-M-B_(K12) Eff.86.5%
Lamps: 1 x Luxeon_K12_933.514lm@250mA_P=8.21721W_I=249.9mA



Luminaire: LEDiL Oy F13663_ANGELA-M-B_(S19) Eff.82.6%
Lamps: 1 x Osram_SOLERIQ_S19_1434.85lm@250mA_P=10.5595W_I=249.8mA

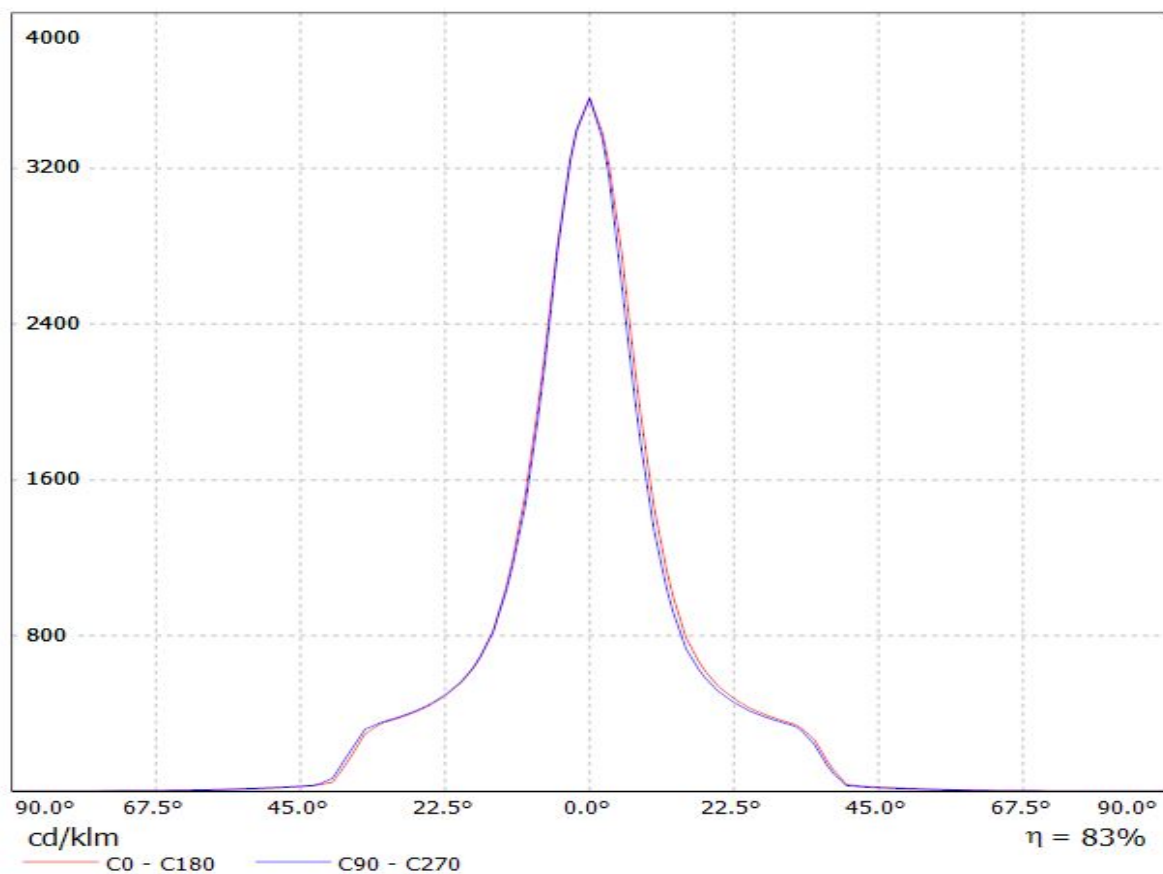


Luminaire: LEDiL Oy F13663_ANGELA-M-B_(Luxeon_CoB_1208)
Lamps: 1 x Luxeon_CoB_1208_1045.92lm@250mA_P=8.25314W_I=249.8mA

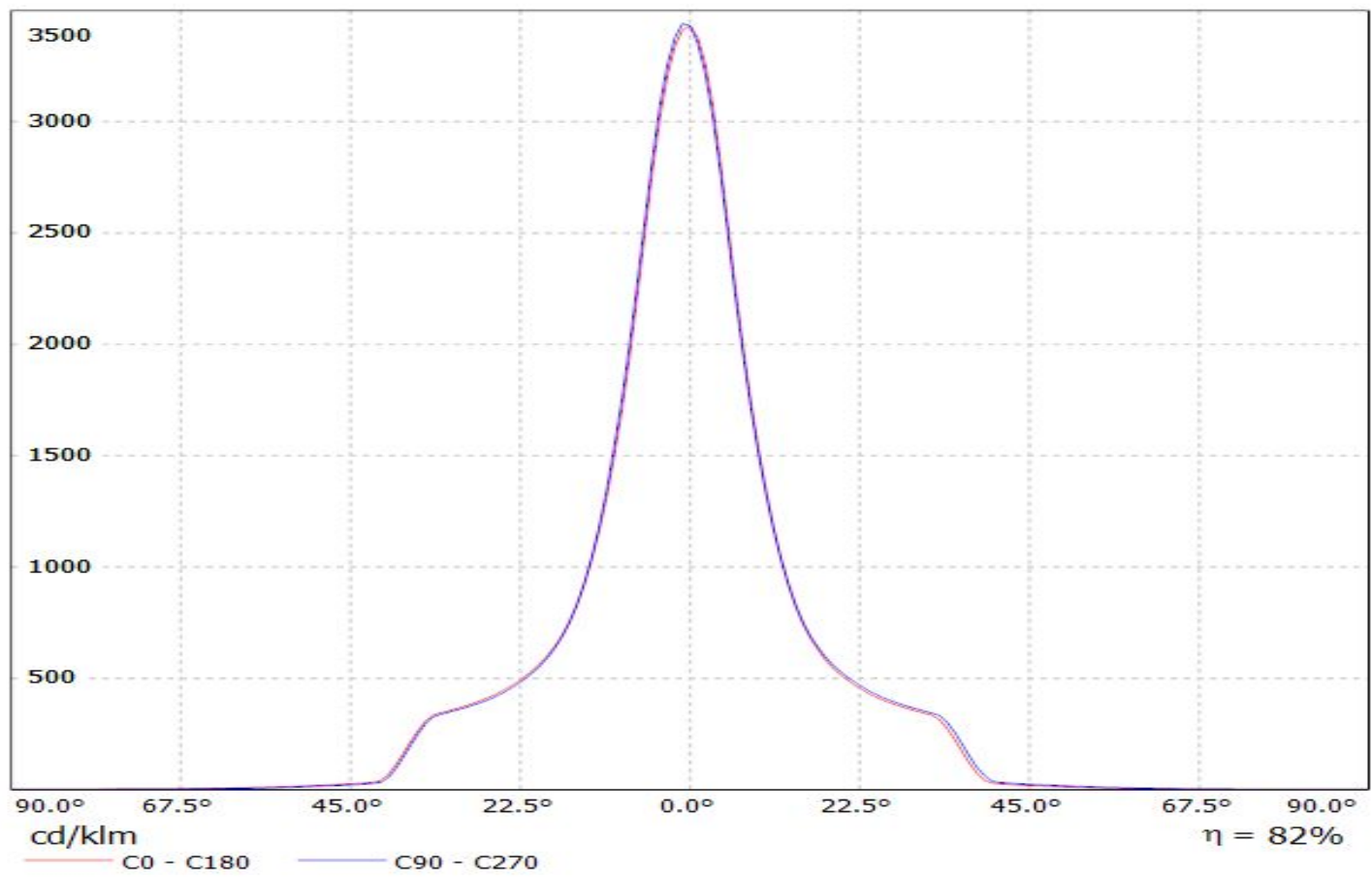


Luminaire: LEDiL Oy F13663_ANGELA-M-B_(MegaZenigata_GW6)

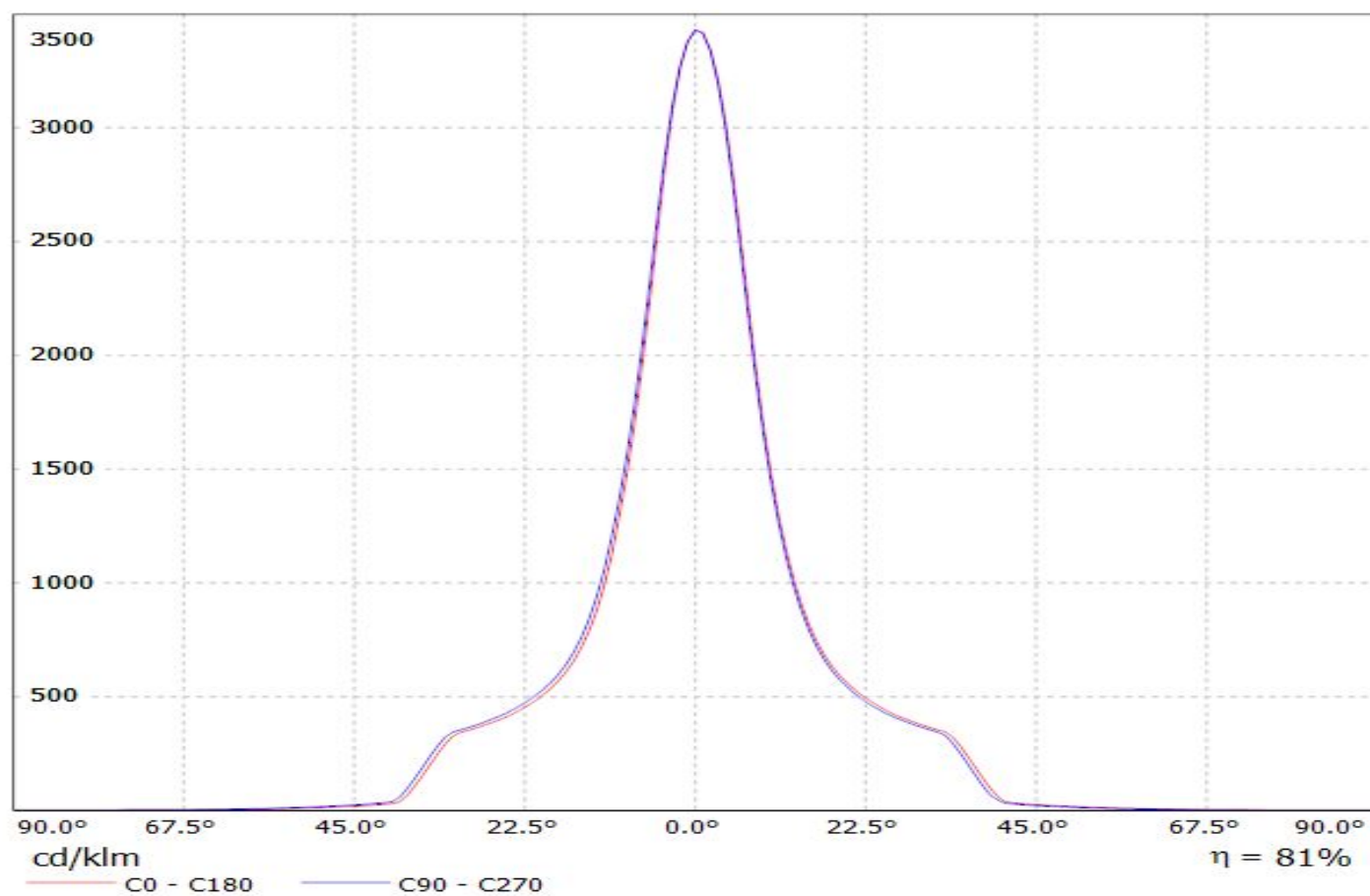
Lamps: 1 x Sharp_MegaZenigata_GW6_(GW6DME30NFC)_1266.19lm@250mA_CCT=3038K_P=11.2151W_I=250.6mA



Luminaire: LEDiL Oy F13663_ANGELA-M-B_(STARK_SLE_G3_LES17)
Lamps: 1 x TRIDONIC_STARK_SLE_G3_LES17_(STARK-SLE-PURE_G3-17-2000-840-CLA)
_1030.26lm@250mA_CCT=2000K_P=8.34707W_I=249.8mA

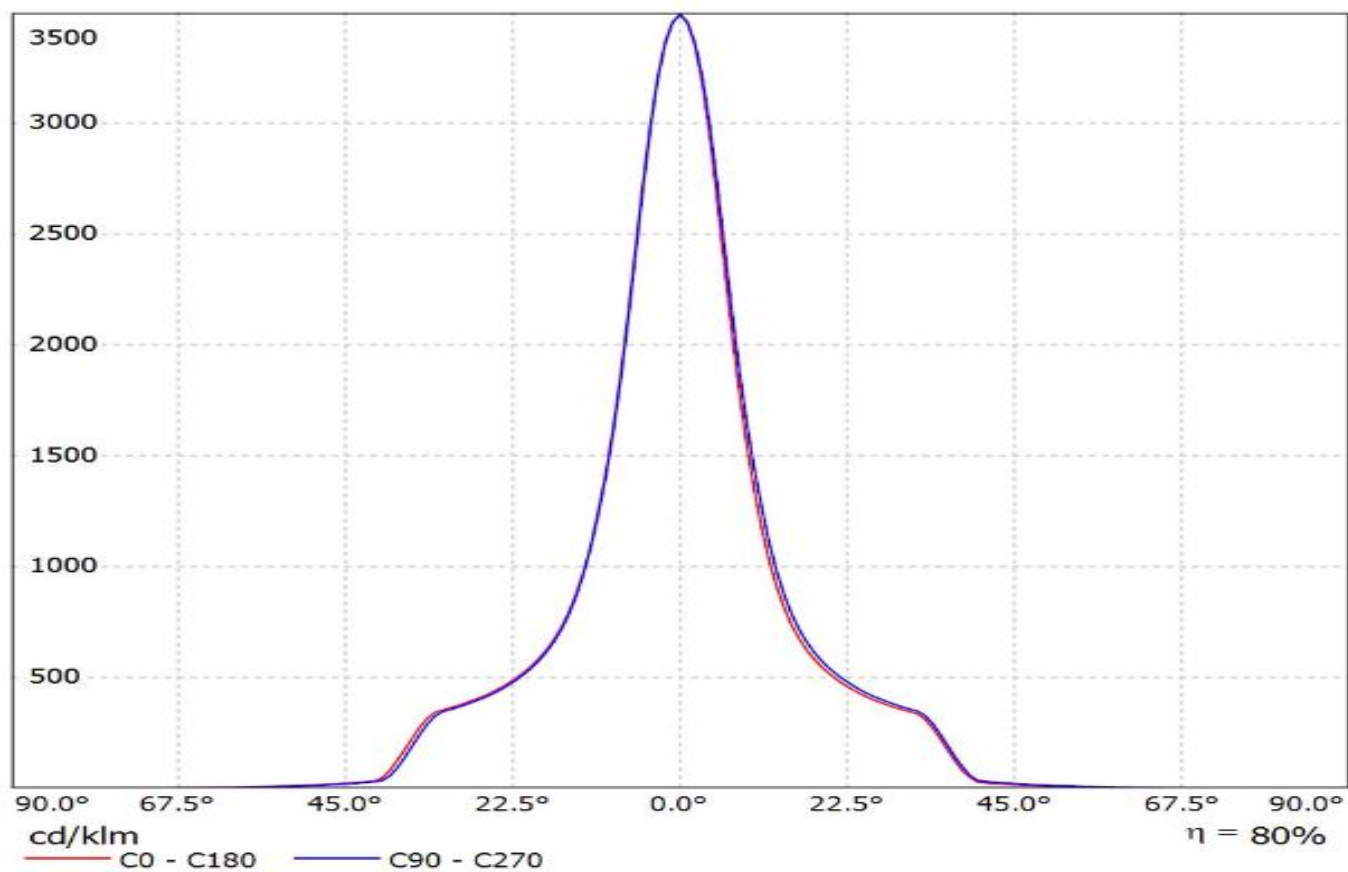


Luminaire: LEDiL Oy F13663_ANGELA-M-B_(SLE GEN4 LES19)
Lamps: 1 x SLE GEN4 LES19_1226.28lm@250mA_P=8.21367W_I=0.2498A

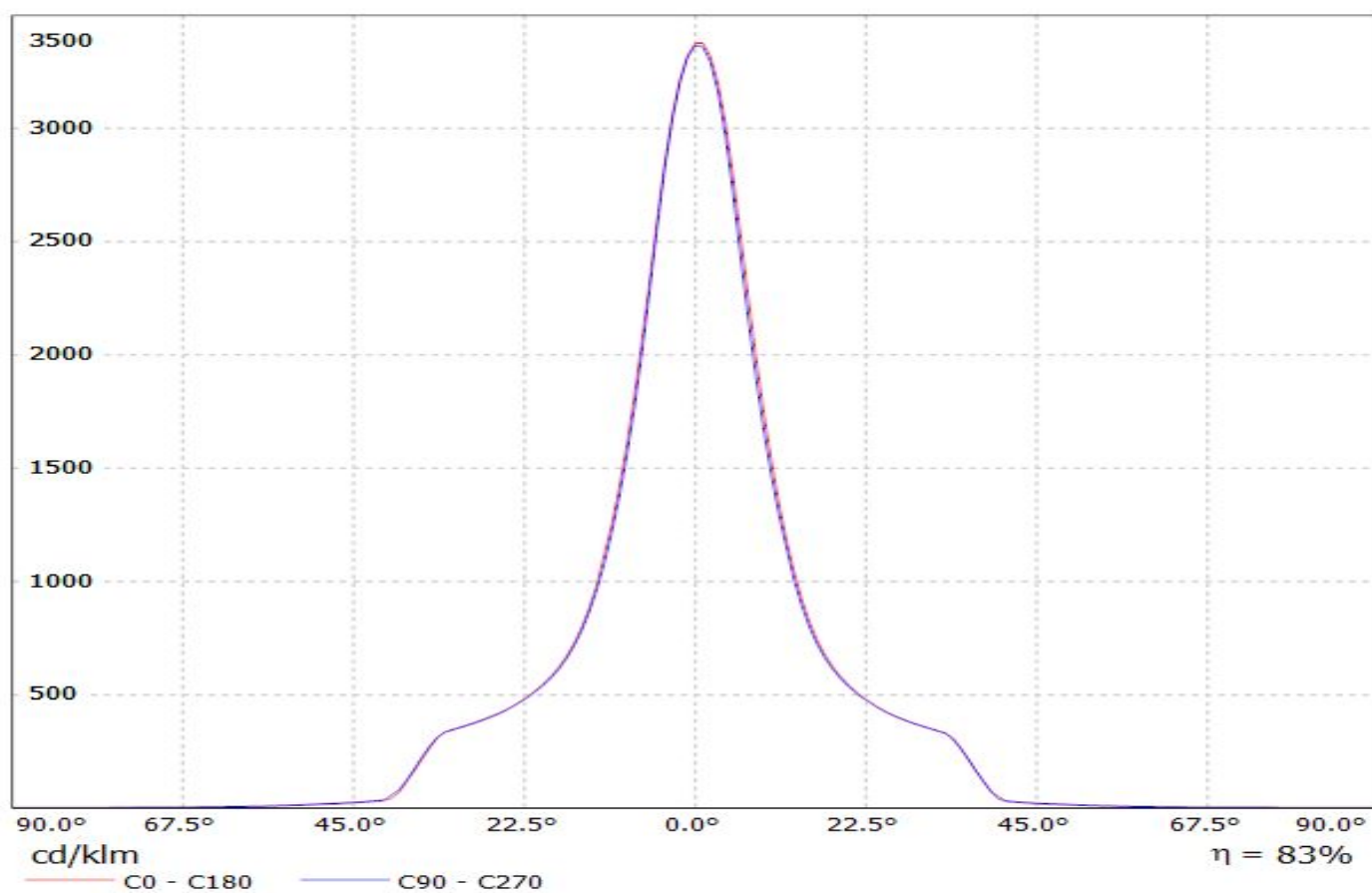


Luminaire: LEDiL Oy F13380_ANGELA-M_(SLE-G5_LES-19)

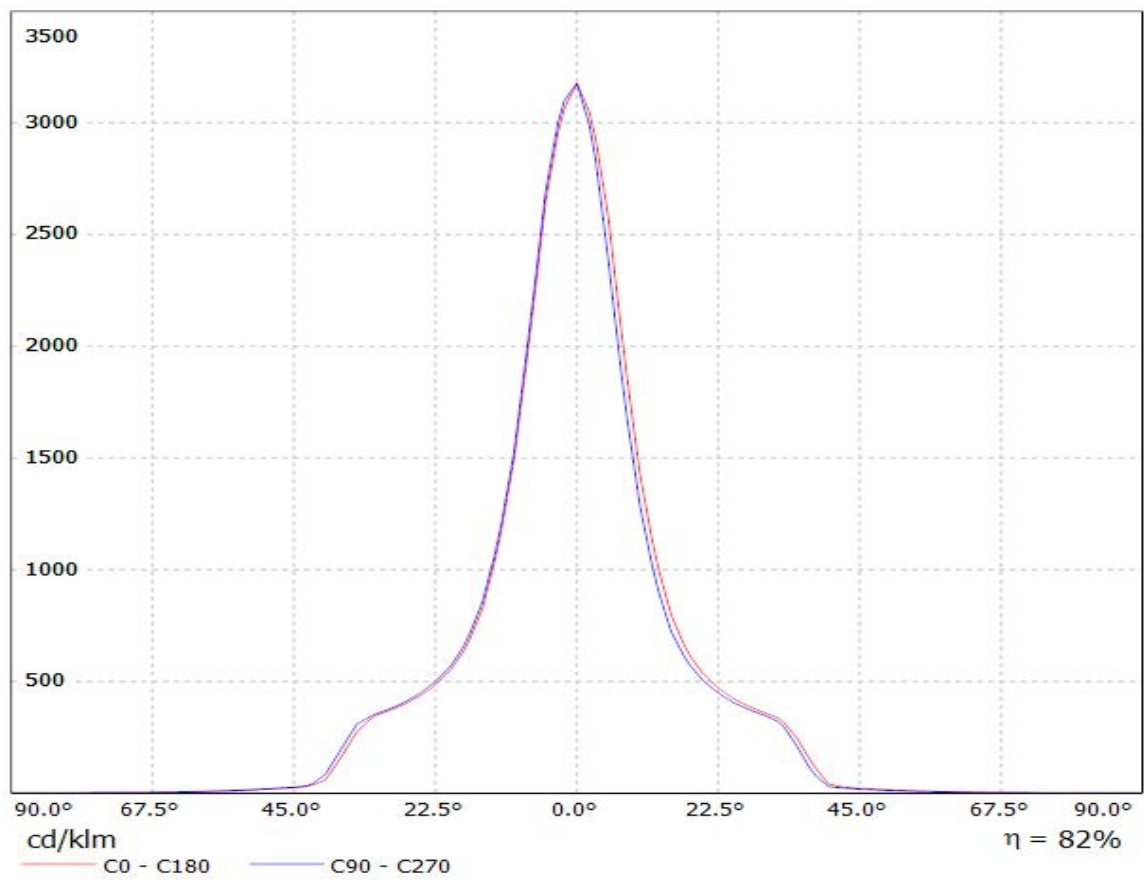
Lamps: 1 x Tridonic_SLE-G5_LES-19_1334.47lm@250mA_P=8.2224W_I=0.250A



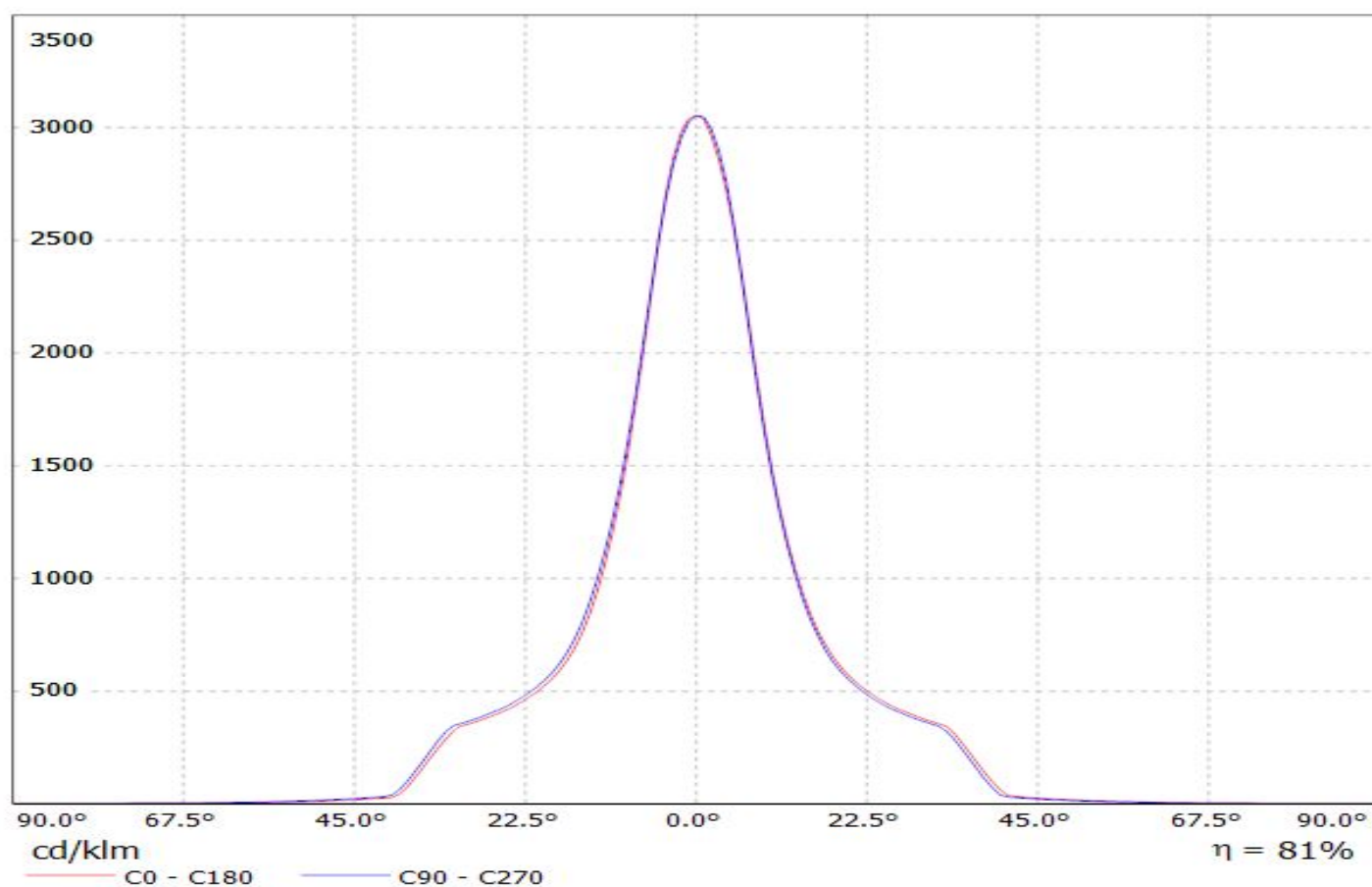
Luminaire: LEDiL Oy F13663_ANGELA-M-B_(Soleriq S19) Eff.82.6%
Lamps: 1 x OSRAM_SOLERIQ_S19_(GW_KAHJB1.EM)
_1445.44lm@250mA_CCT=3000K_P=10.558W_I=249.8mA



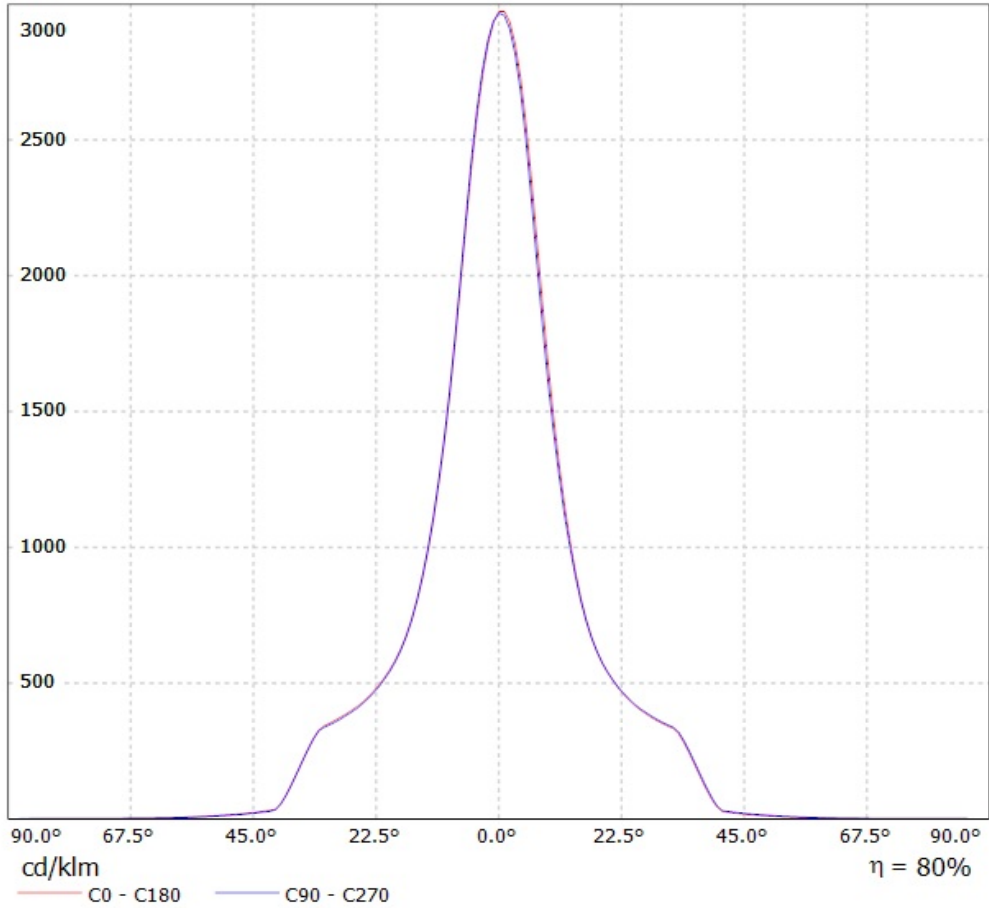
Luminaire: LEDiL Oy F13663_ANGELA-M-B_(CXA2590)
Lamps: 1 x CREE_CXA2590_(CXA2590-30F-Z4-RPH-00001)_837.275lm@100mA_CCT=3000K_P=6.36316W_I=100.1mA



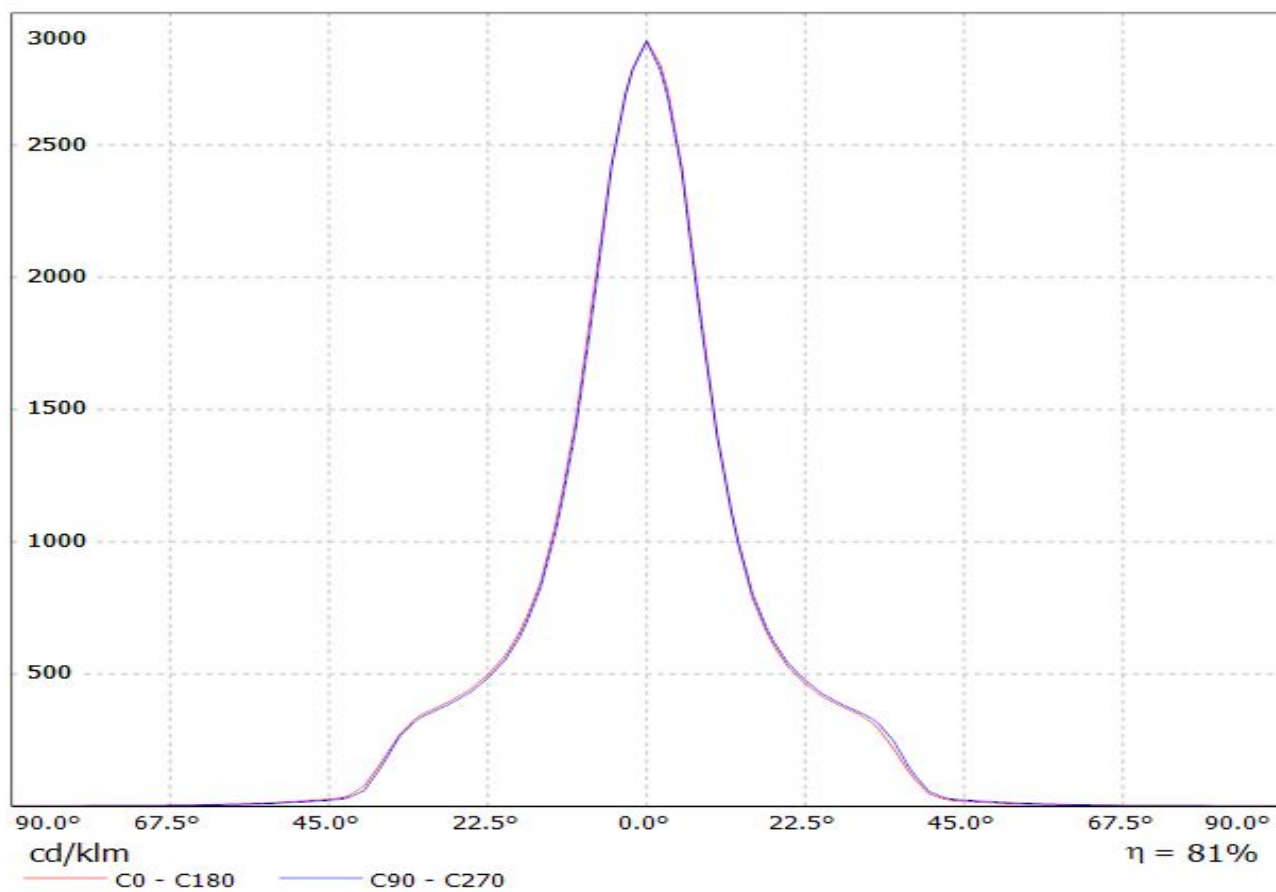
Luminaire: LEDiL Oy F13663_ANGELA-M-B_(Luxeon_CoB_1211)
Lamps: 1 x LUXEON_COB_1211_(LHC1-2790-1211)
_923.583lm@250mA_CCT=2700K_P=8.00909W_I=249.8mA



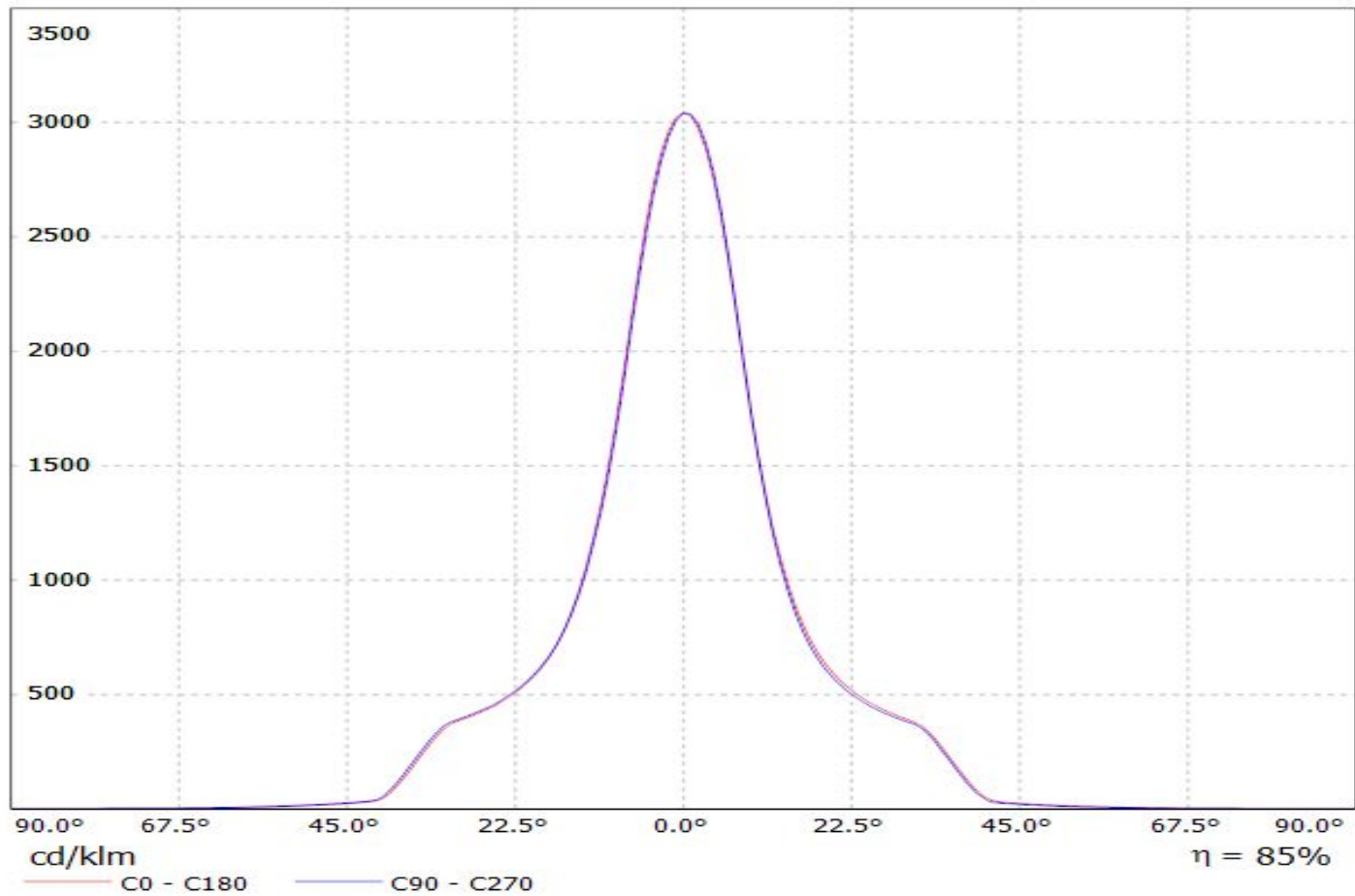
Luminaire: LEDiL Oy F13663_ANGELA-M-B_(Luxeon_CoB_1211)_(BJB2030)
Lamps: 1 x Philips_Lumileds_Luxeon_CoB_1211_(LHC1-5780-1211)_(BJB2030)_1332.46lm@250mA_CCT(approx.)=5700K_P=8.03332W_I=0.2498A



Luminaire: LEDiL Oy F13663_ANGELA-M-B_(E30) Eff.80.7%
Lamps: 1 x Osram_Solericq_E30_1364.86lm@250mA_P=10.2445W_I=249.8mA

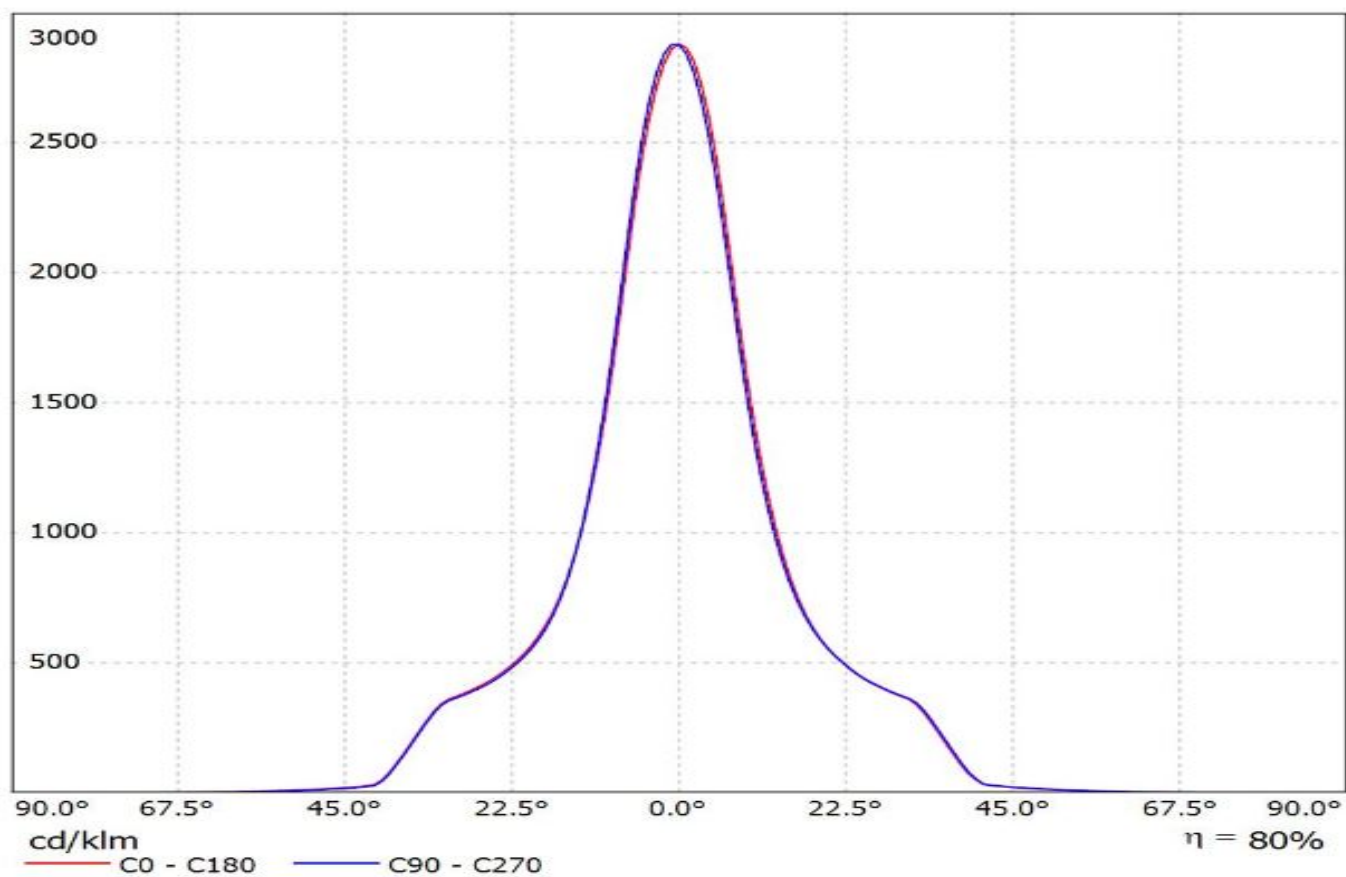


Luminaire: LEDiL Oy F13663_ANGELA-M-B_(SLE_G4_LES23)
Lamps: 1 x Tridonic_SLE_G4_LES23_1354.57lm@250mA_P=8.18744W_I=0.2498A

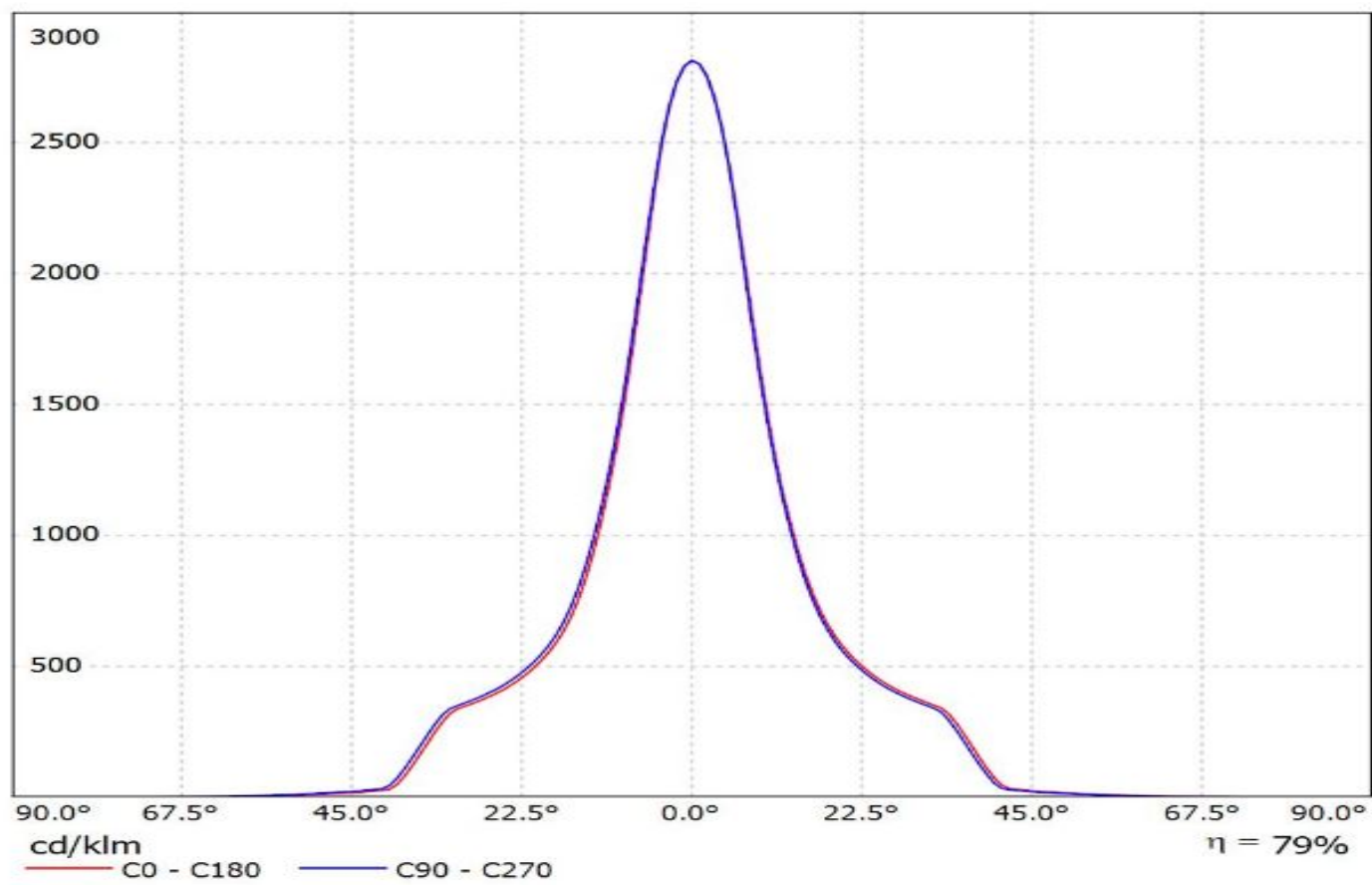


Luminaire: LEDiL Oy F13663_ANGELA-M-B_(SLE-G5_LES-23)

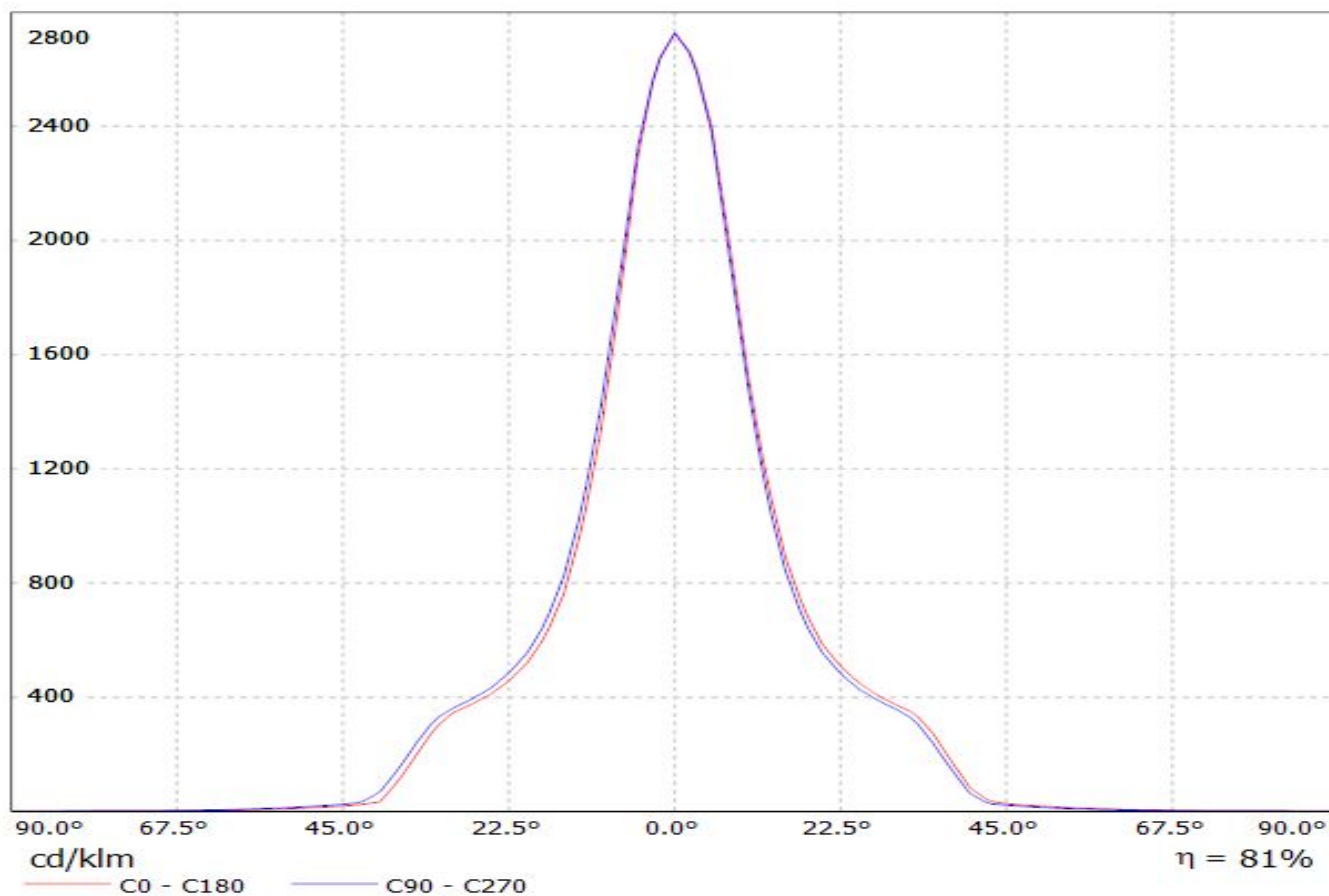
Lamps: 1 x Tridonic_SLE-G5_LES-23_1371.74lm@250mA_P=8.1065W_I=0.250A



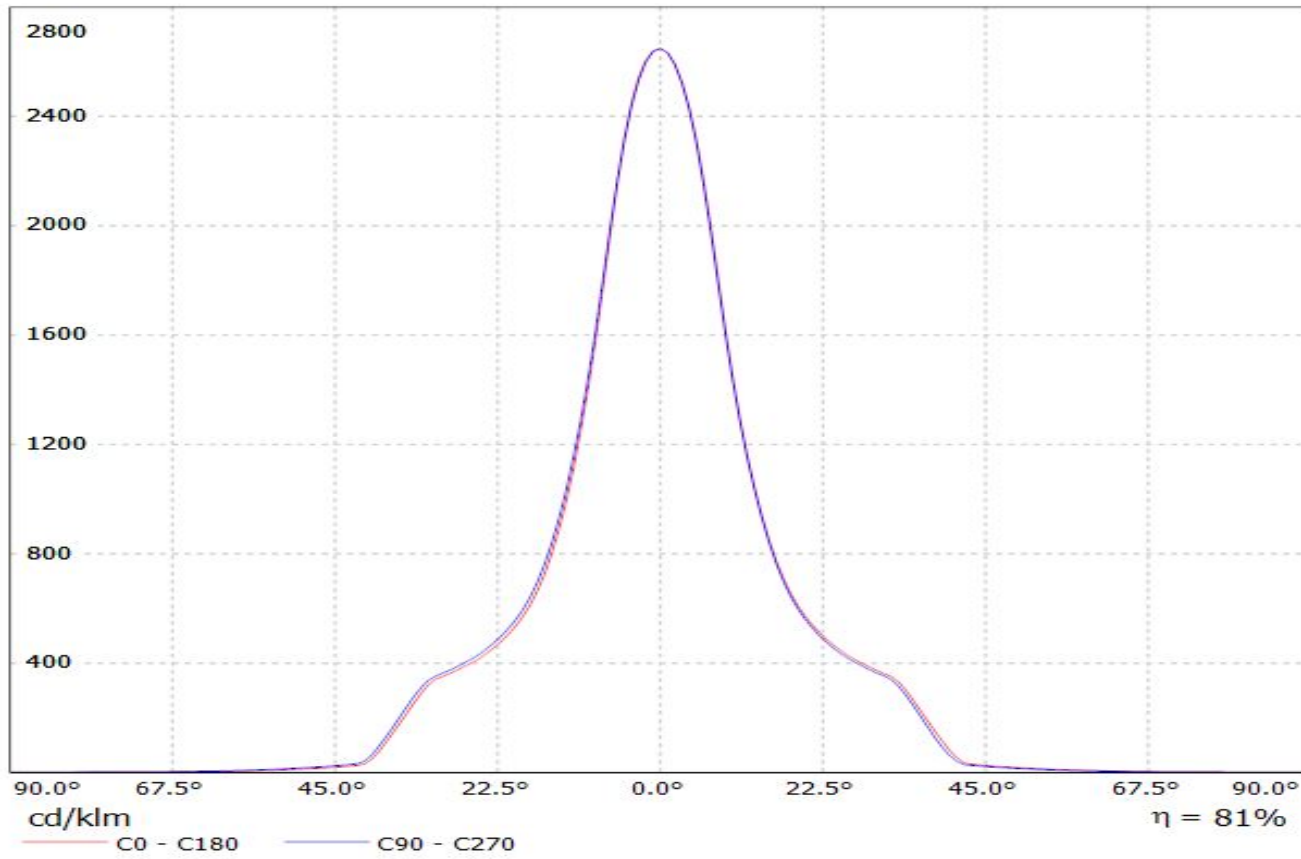
Luminaire: Ledil F13663_ANGELA-M-B_(CXB2540+_BJB_47.319.2140)
Lamps: 1 x CREE_CXB2540_(-40G-W4-N0H-00002)
+_BJB_47.319.2140_1412.99lm@250mA_CCT=40000K_P=8.1310W_I=0.25A



Luminaire: LEDiL Oy F13663_ANGELA-M-B_(CLL040) Eff.81.0%
Lamps: 1 x Citizen_CLL040_1011.32lm@250mA_P=8.24545W_I=249.9mA

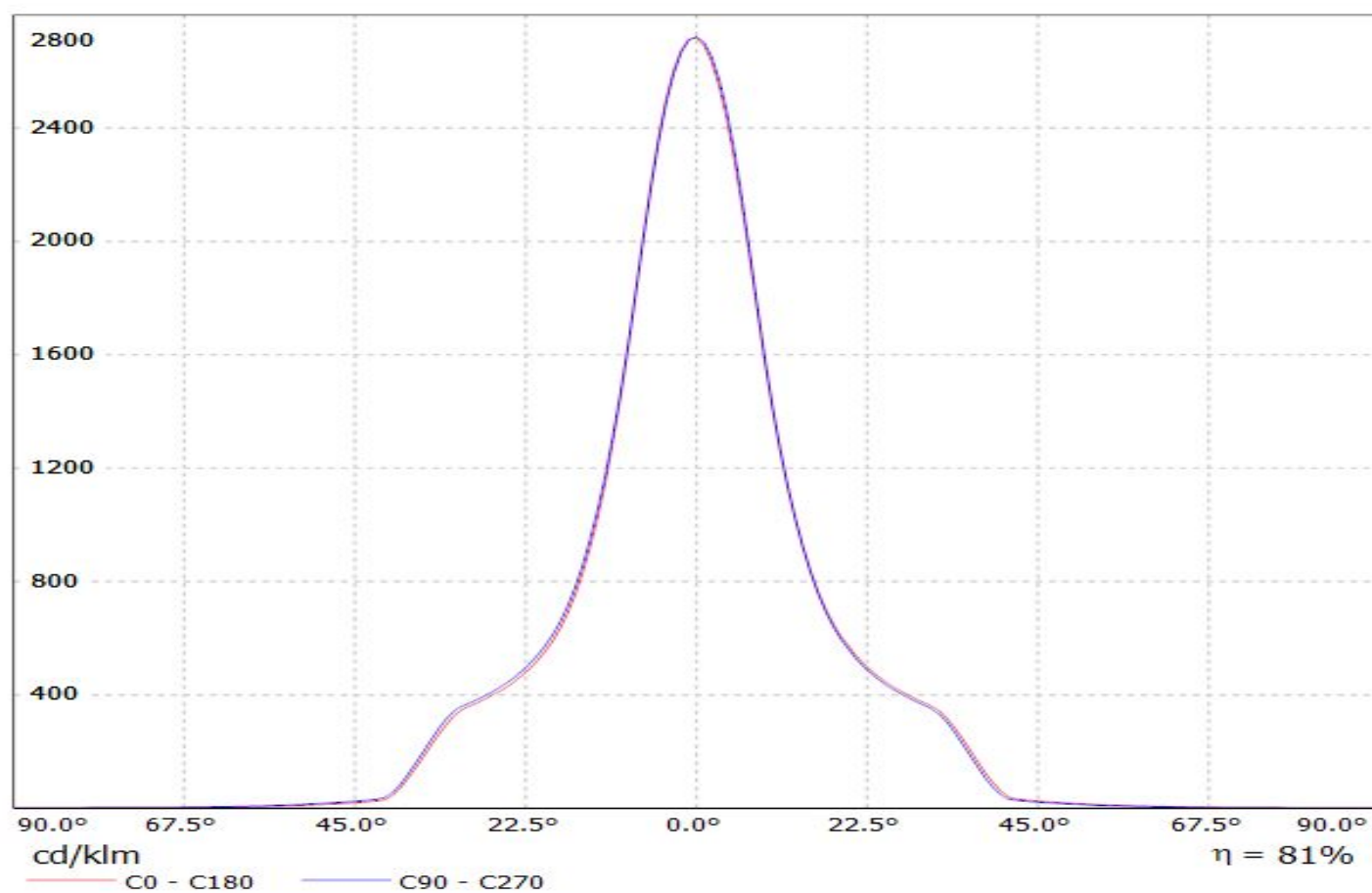


Luminaire: LEDiL Oy F13663_ANGELA-M-B_(CLU044)
Lamps: 1 x Citizen_CLU044_(CLU044-1212B8-303M1A2)_1300.9lm@250mA_P=8.14849W_I=249.9mA



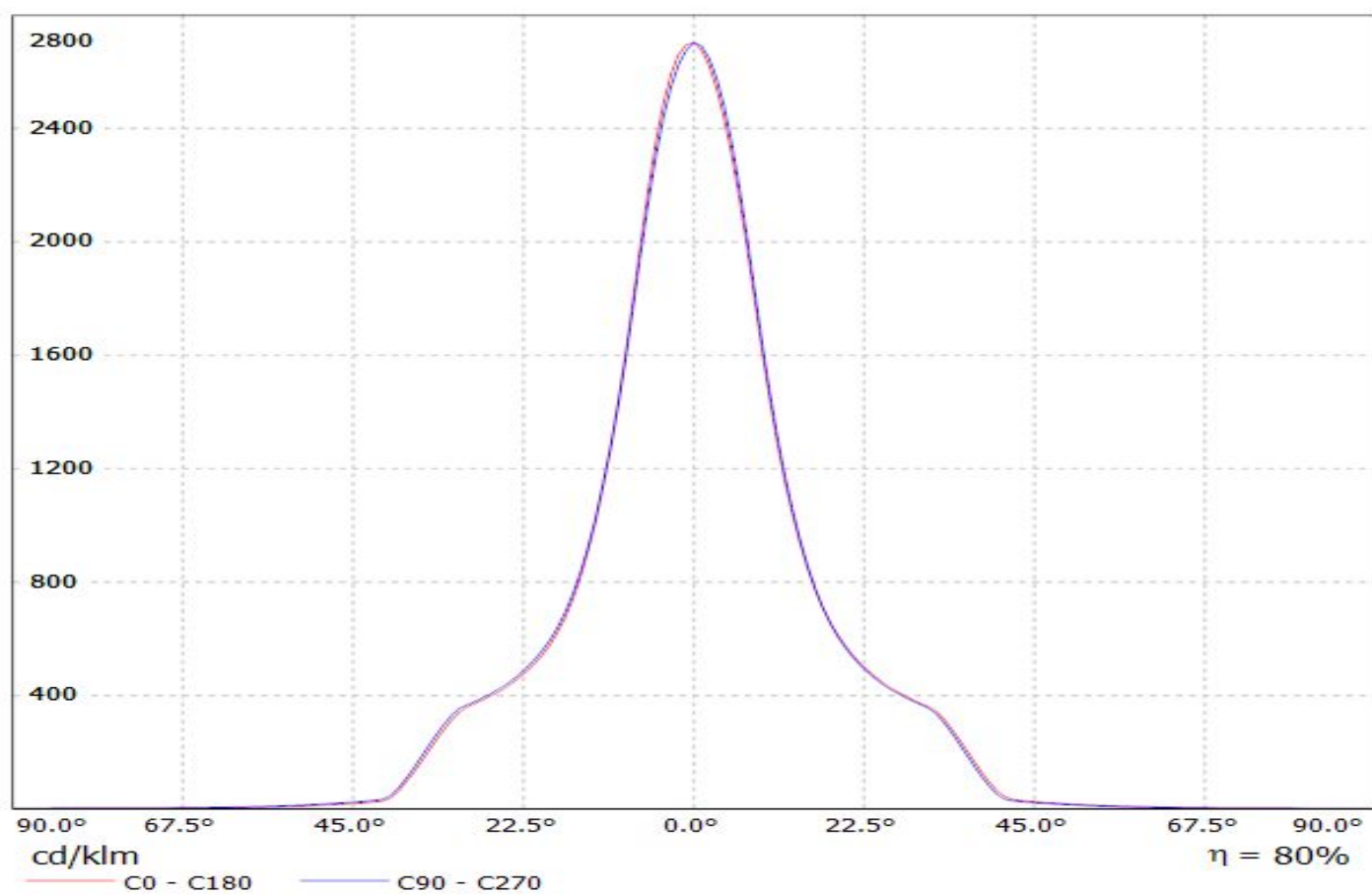
Luminaire: LEDiL Oy F13663_ANGELA-M-B_(ZC40)

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

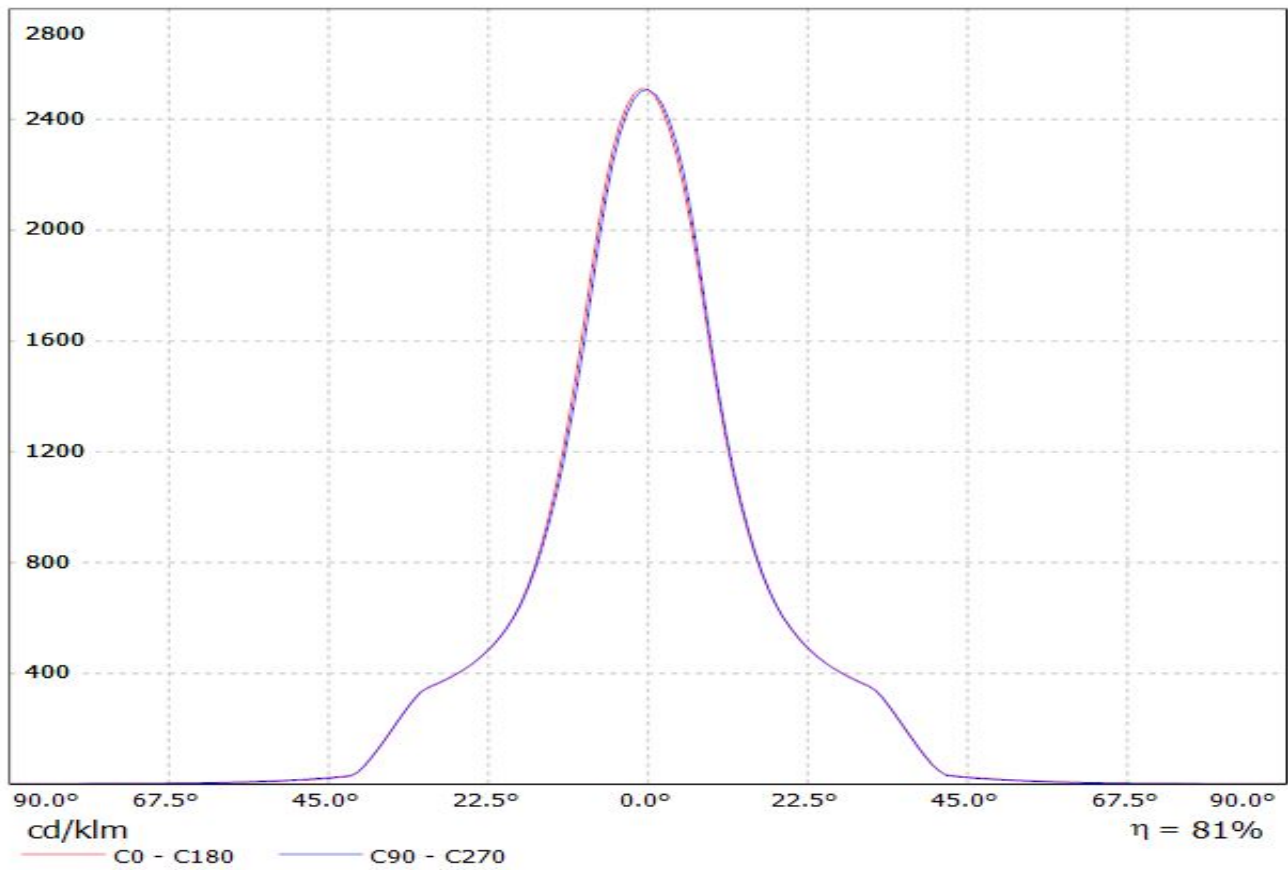


Luminaire: LEDiL Oy F13663_ANGELA-M-B_(CXA30)

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

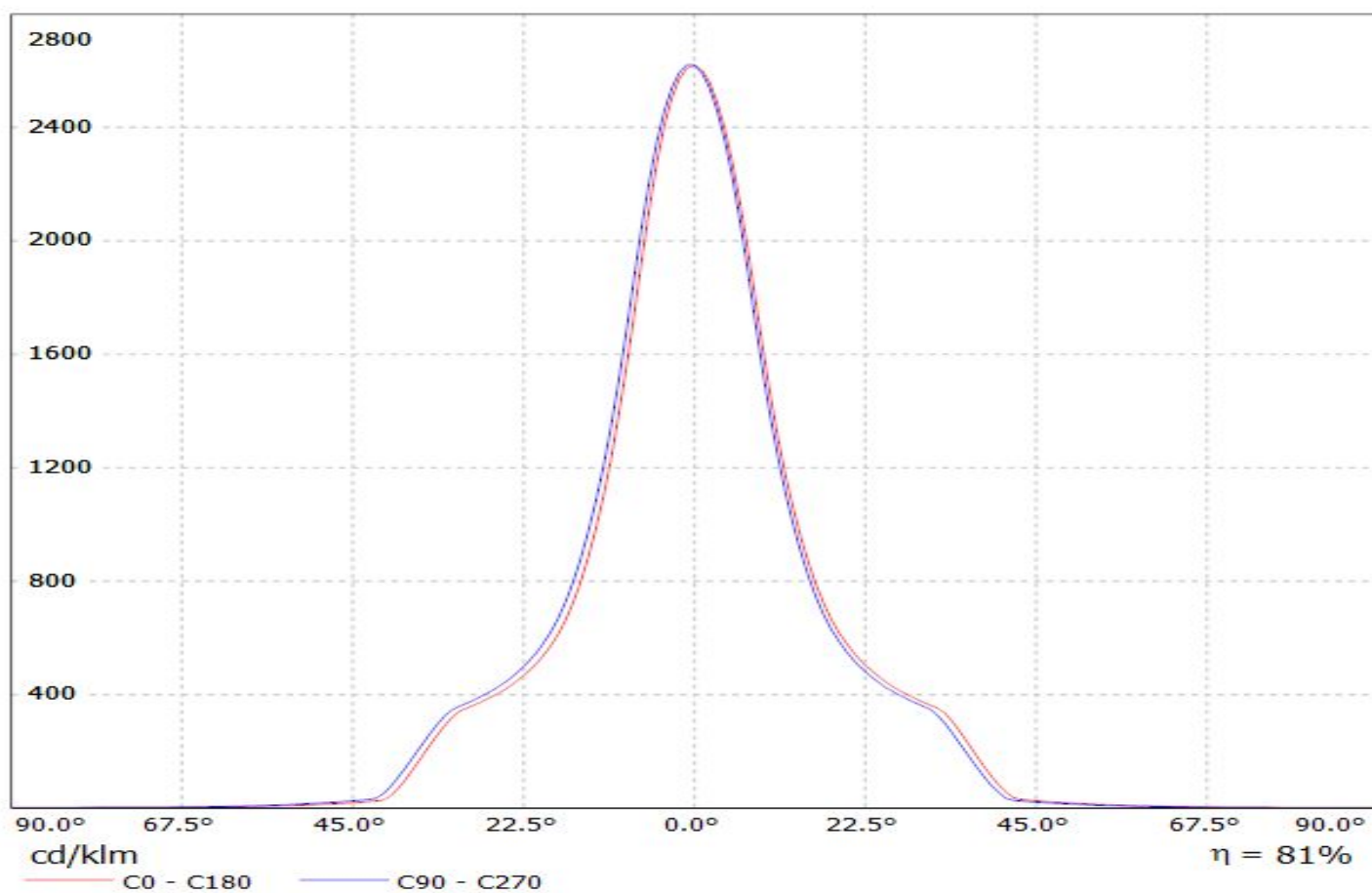


Luminaire: LEDiL Oy F13663_ANGELA-M-B_(CXM-22) Eff.80.7%
Lamps: 1 x LUMINUS_CXM-22_1221.8lm@250mA_P=8.00809W_CCT=3000K_I=249.8mA

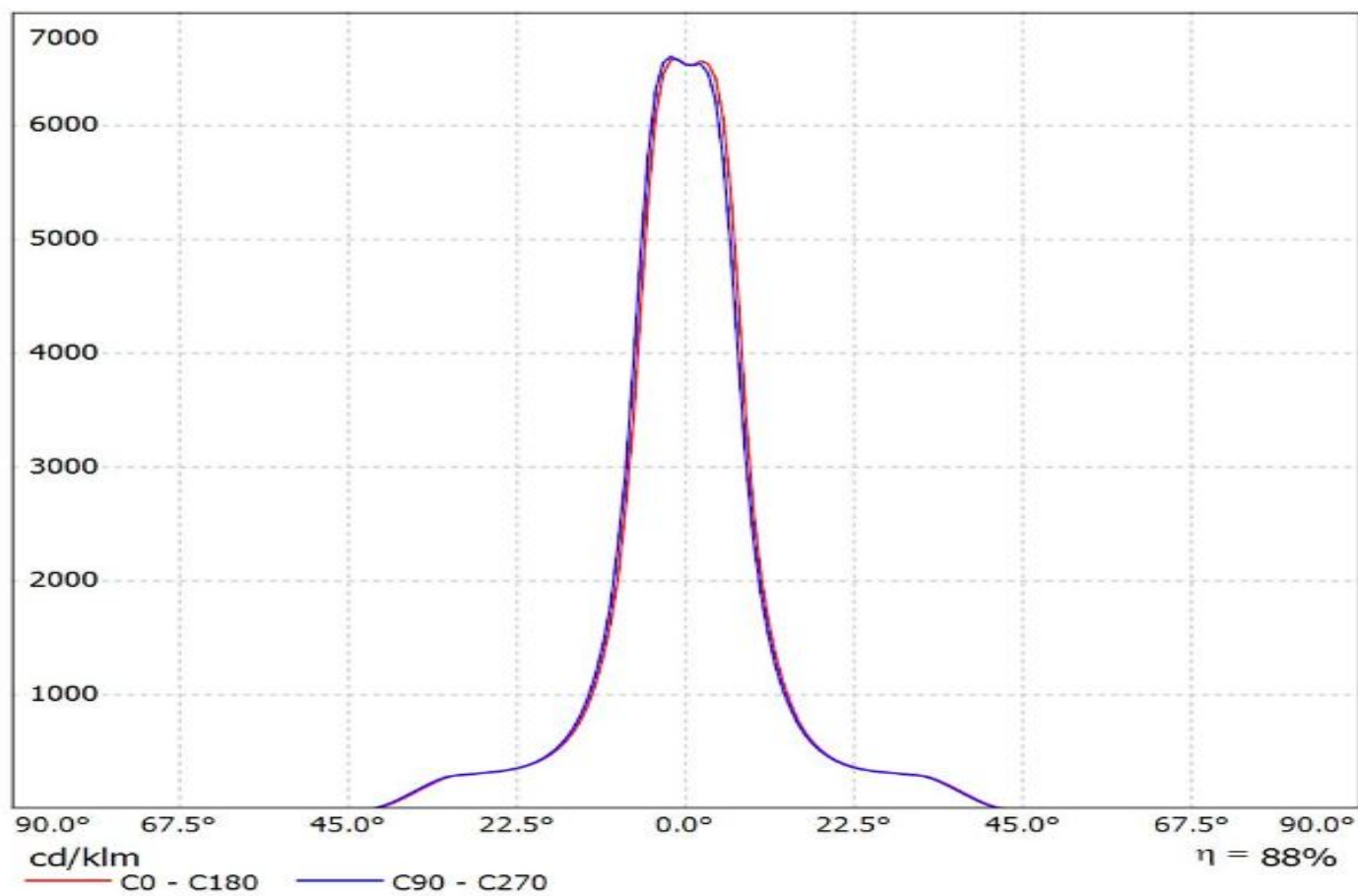


Luminaire: LEDiL Oy F13663_ANGELA-M-B_(COB_40W)

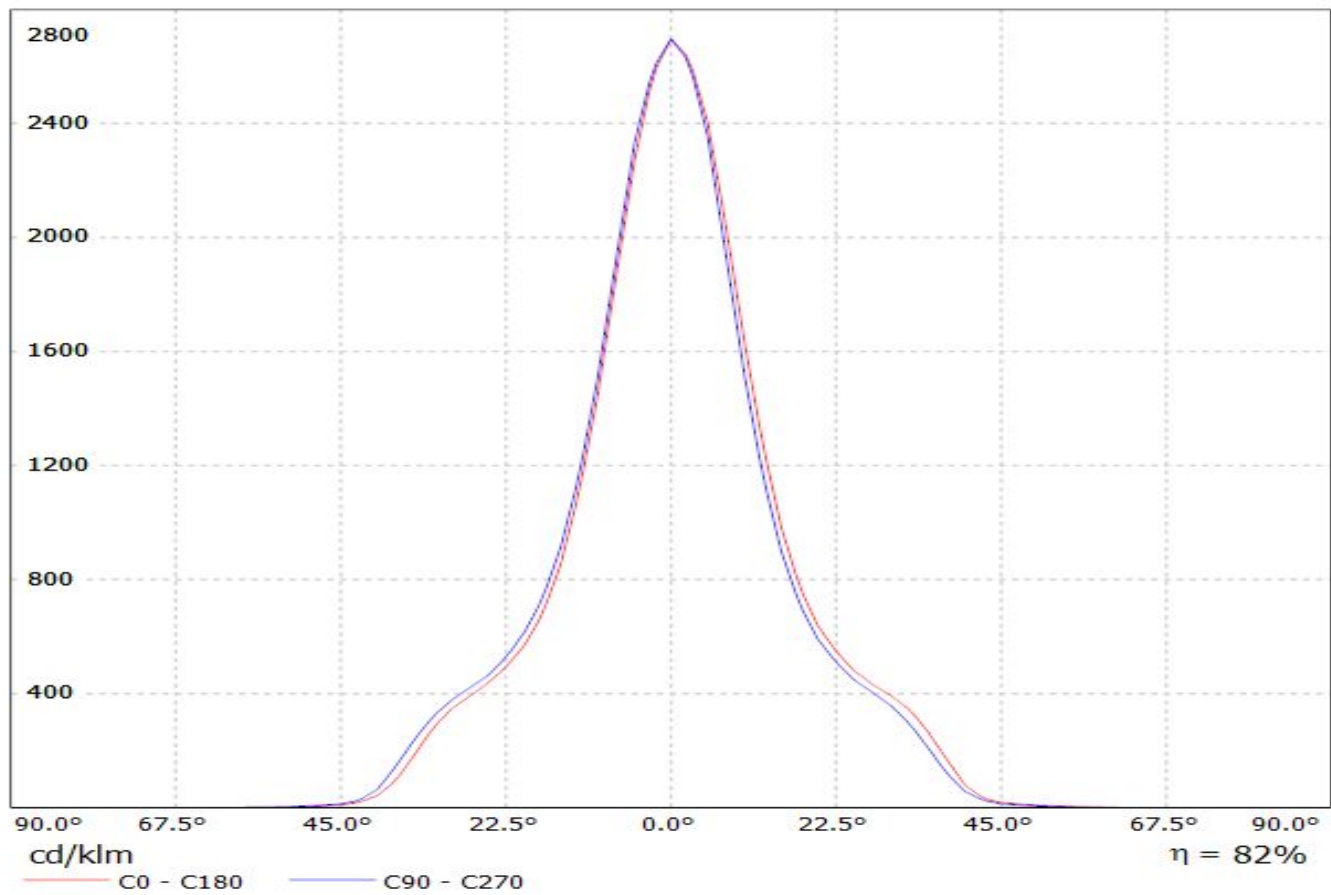
Lamps: 1 x LG_COB_40W_1163.31lm@250mA_CCT=3000K_P=8.04906W_I=249.8mA



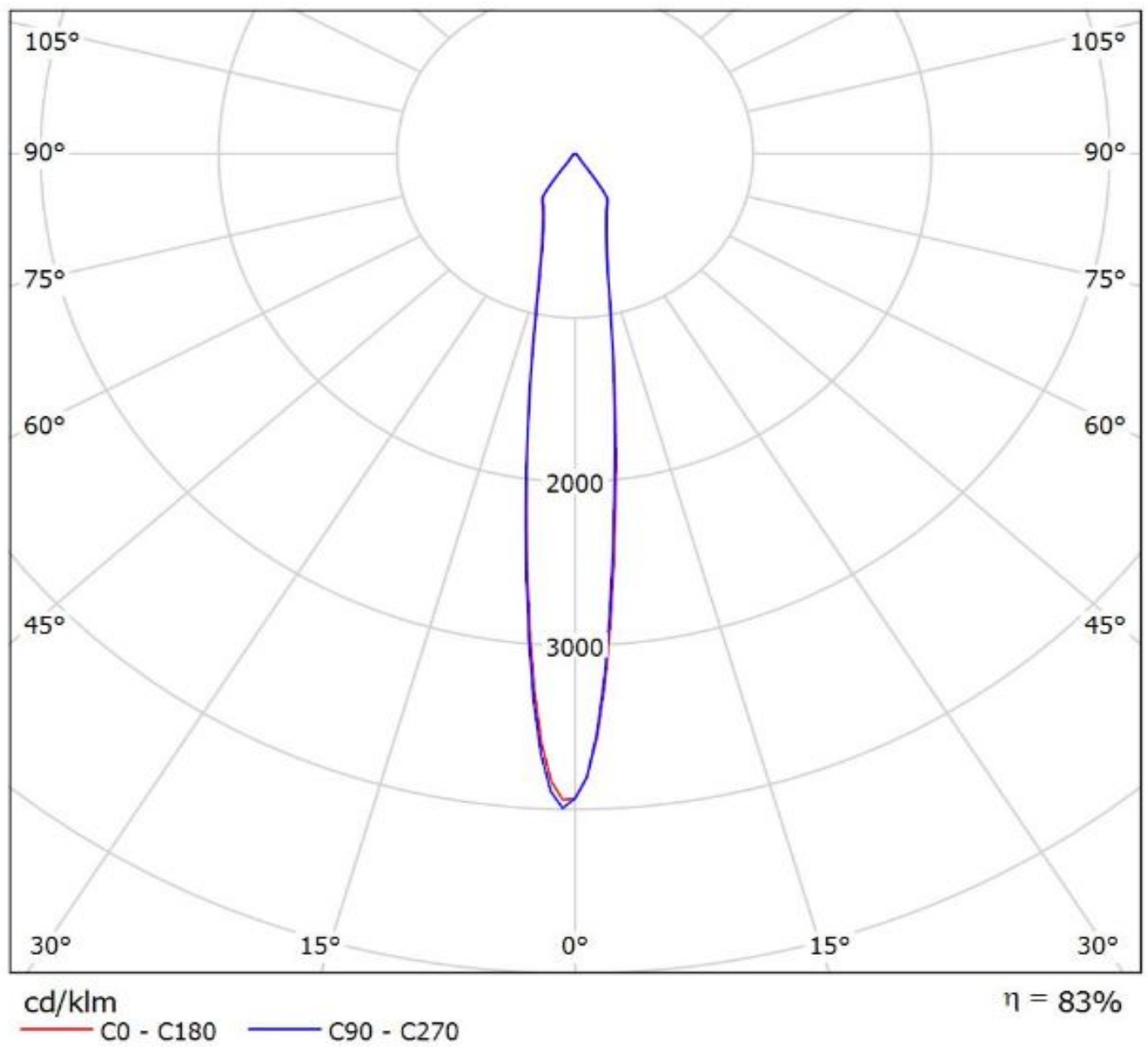
Luminaire: Ledil F13662_ANGELA-S-B_(CoB_1216)
Lamps: 1 x Luxeon_CoB_1216_(L2C2-40801216E2300)_1478.53lm@250mA_P=8.0068W_η=0.25A



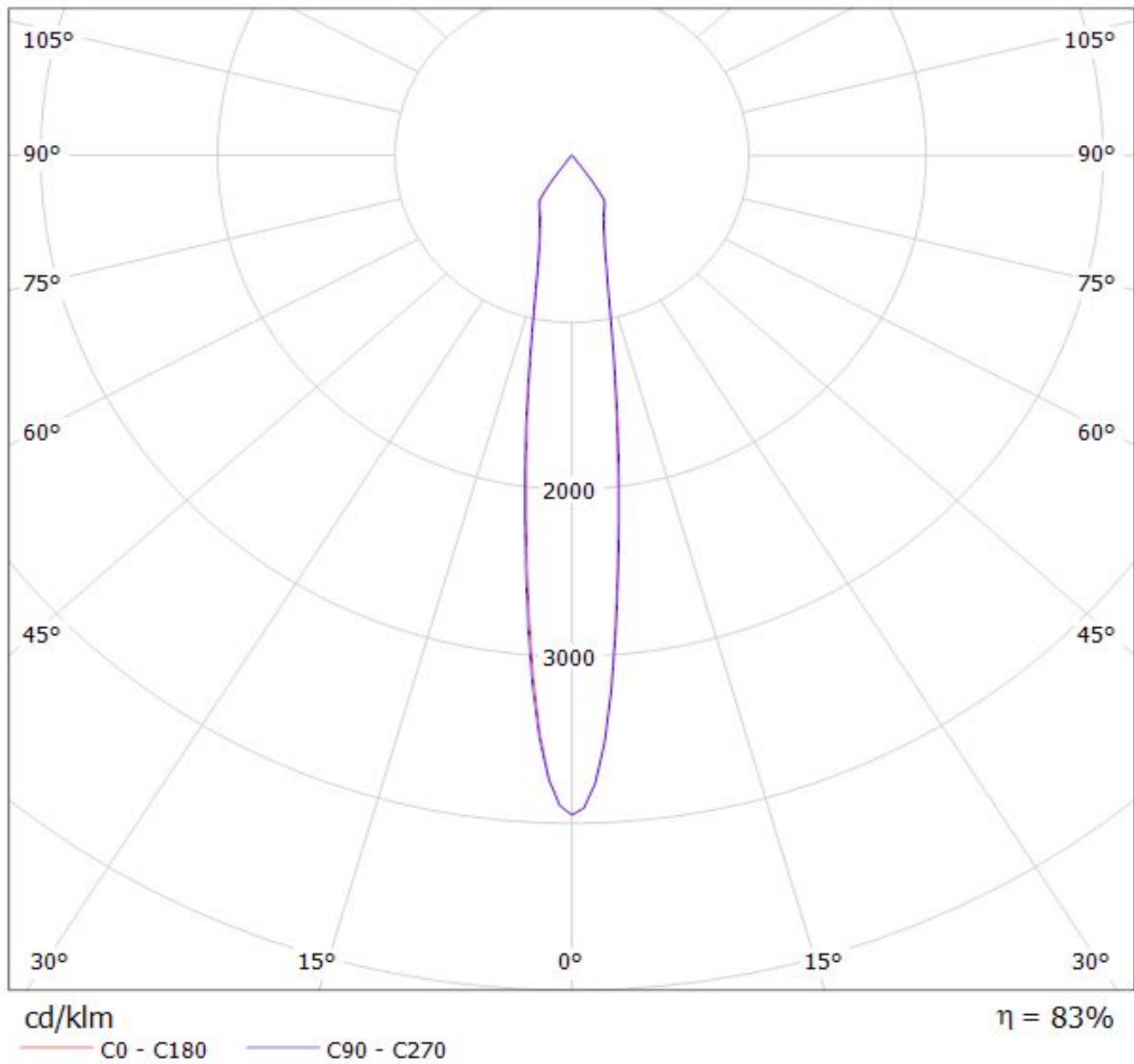
Luminaire: Ledil Oy F13663_ANGELA-M-B_(ZC-40) Efficiency=81%
Lamps: 1 x Seoul ZC-40 (SBWW5F1B) 1153lm @ 250mA CCT= P=8.25W I=250mA



Luminaire: Ledil F13663_ANGELA-M-B_(CITIZEN_CLU720)
Lamps: 1 x CITIZEN_CLU720_(CLU720-1206B8-273M2)
_1320.42lm@250mA_CCT=2700K_P=8.35W_I=0.25A

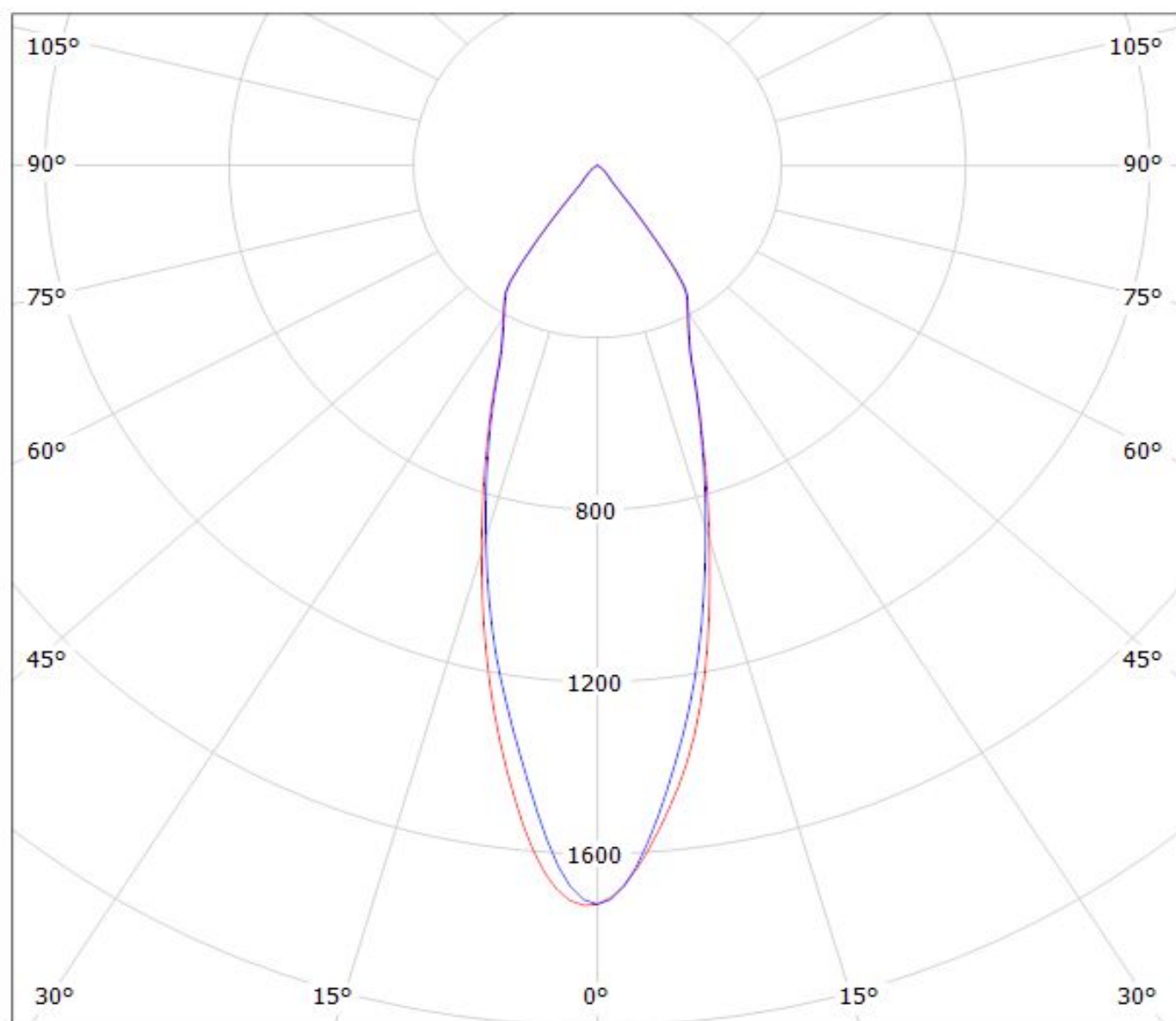


Luminaire: LEDiL Oy F13663_ANGELA-M-B_(S13) Eff.83.2%
Lamps: 1 x Osram_Solericq_S13_901.003lm@250mA_P=7.48151W_I=249.9mA



Luminaire: LEDiL Oy F13664_ANGELA-W-B_(COB-10W) Eff.84.0%

Lamps: 1 x LG_COB-10W_1065.85lm@250mA_CCT=5090K_P=9.10871W_I=249.8mA



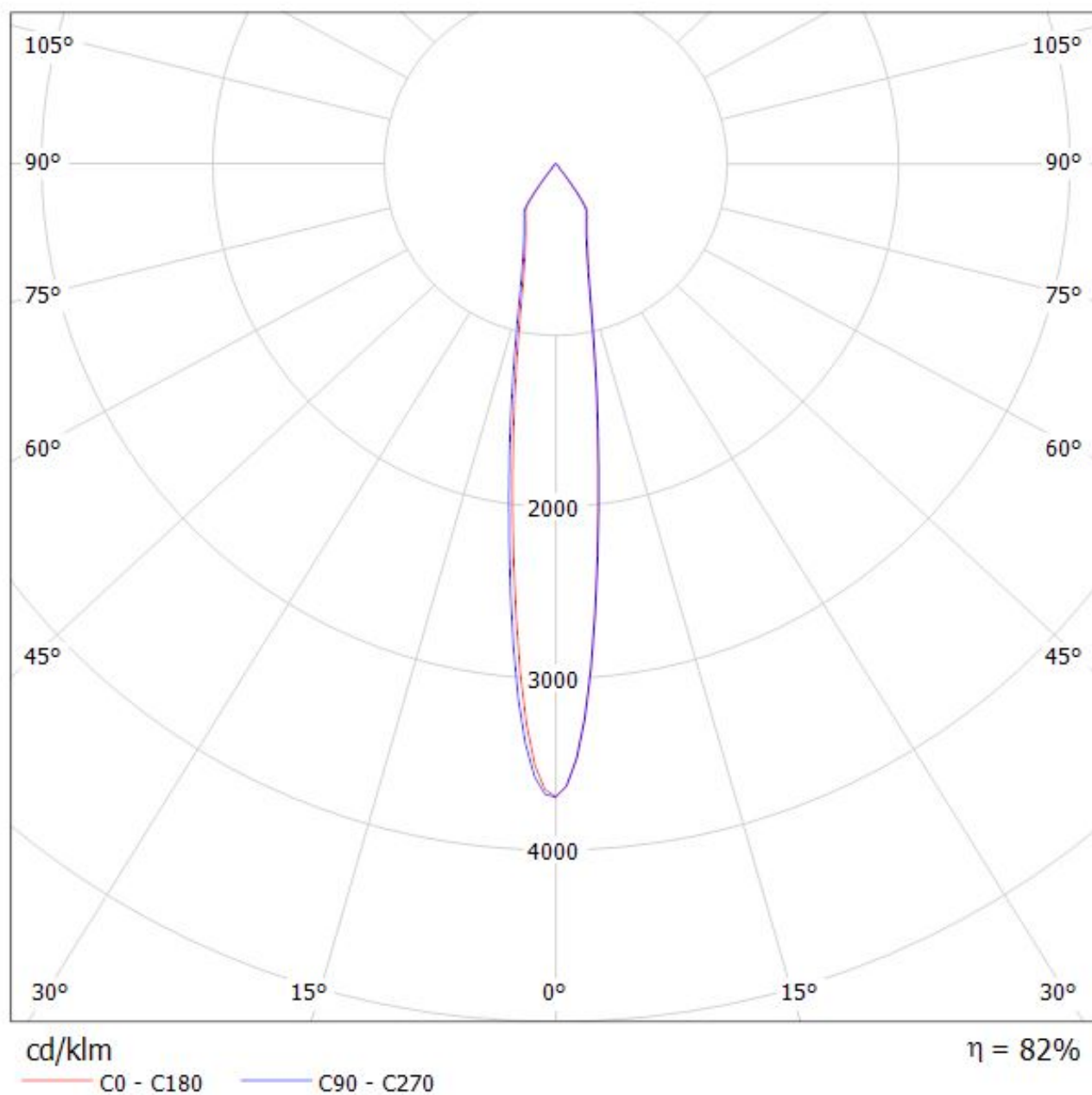
cd/klm

— C0 - C180

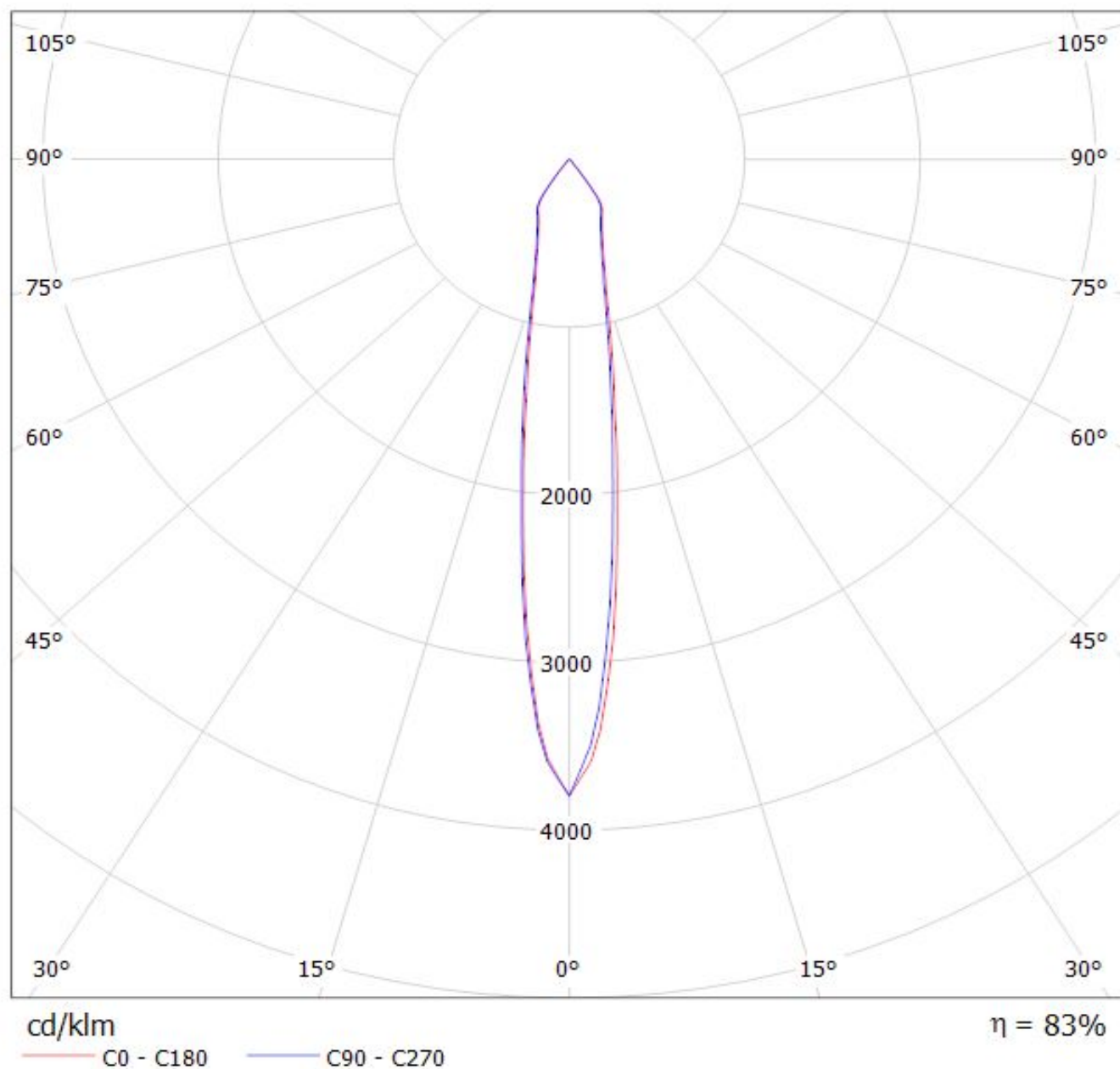
— C90 - C270

$\eta = 84\%$

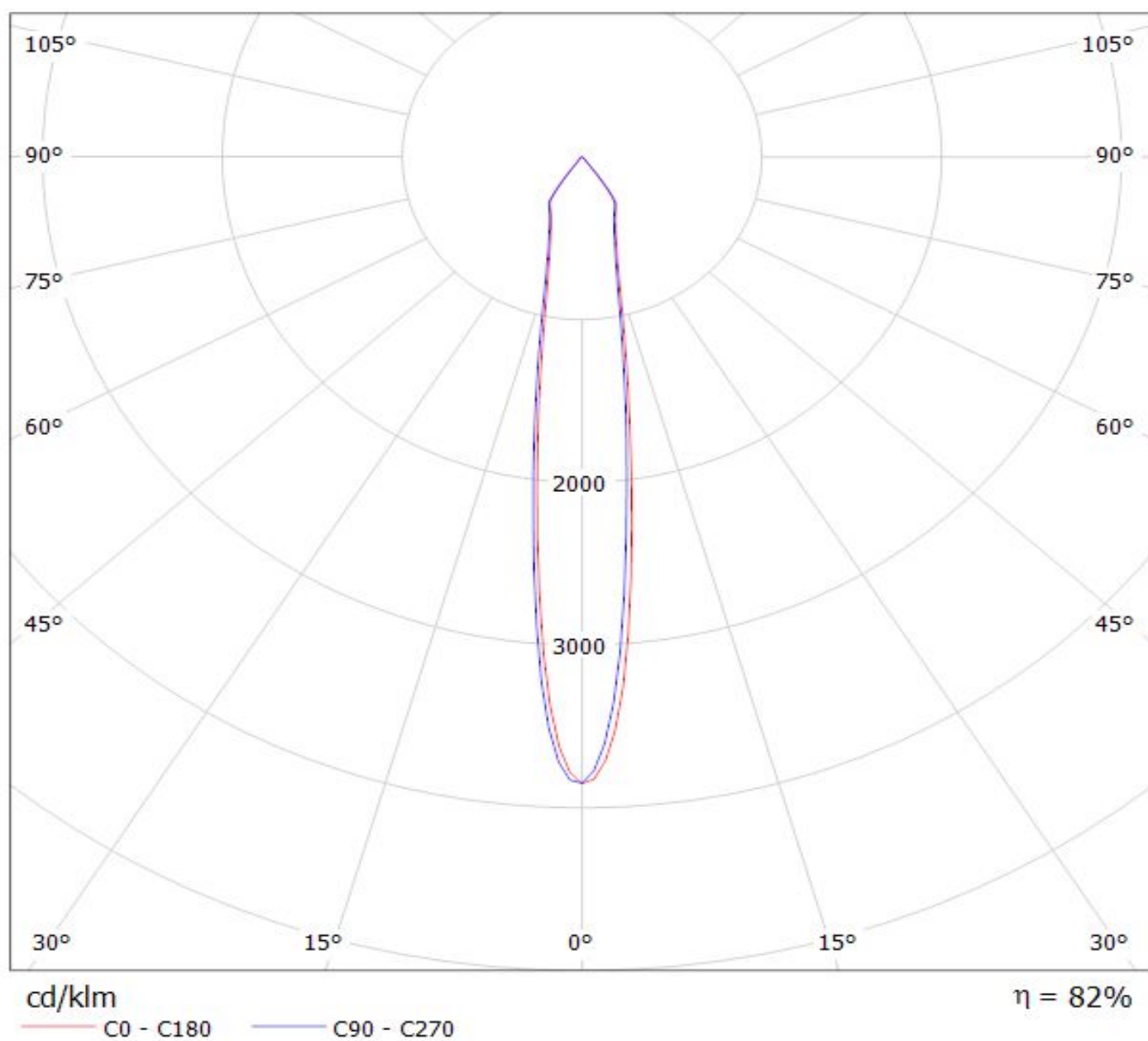
Luminaire: LEDiL Oy F13663_ANGELA-M-B_(BXRA_ES) Eff.82.2%
Lamps: 1 x Bridgelux_BXRA_ES_287.055lm@250mA_P=4.09486W_I=249.9mA



Luminaire: LEDiL Oy F13663_ANGELA-M-B_(CLL030) Eff.82.7%
Lamps: 1 x Citizen_CLL030_1040.57lm@250mA_P=8.45923W_I=249.8mA

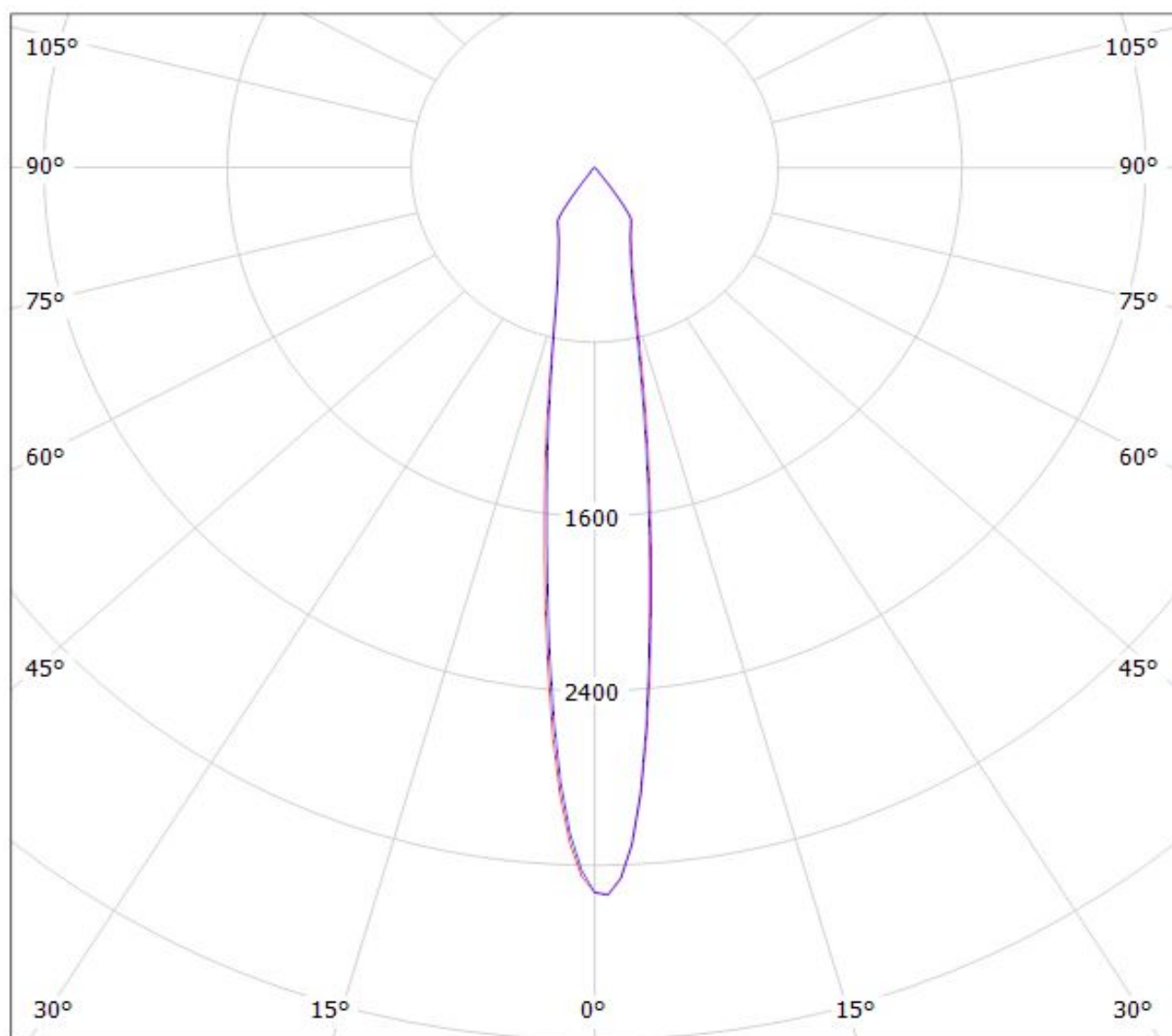


Luminaire: LEDiL Oy F13663_ANGELA-M-B_(CXM-14)
Lamps: 1 x LUMINUS_XNOVA_CXM-14_(AC00)
_1049.18lm@250mA_CCT=3126K_P=8.31834W_I=249.8mA



Luminaire: LEDiL Oy F13663_ANGELA-M-B_(Luxeon_CoB_1205)

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



cd/klm

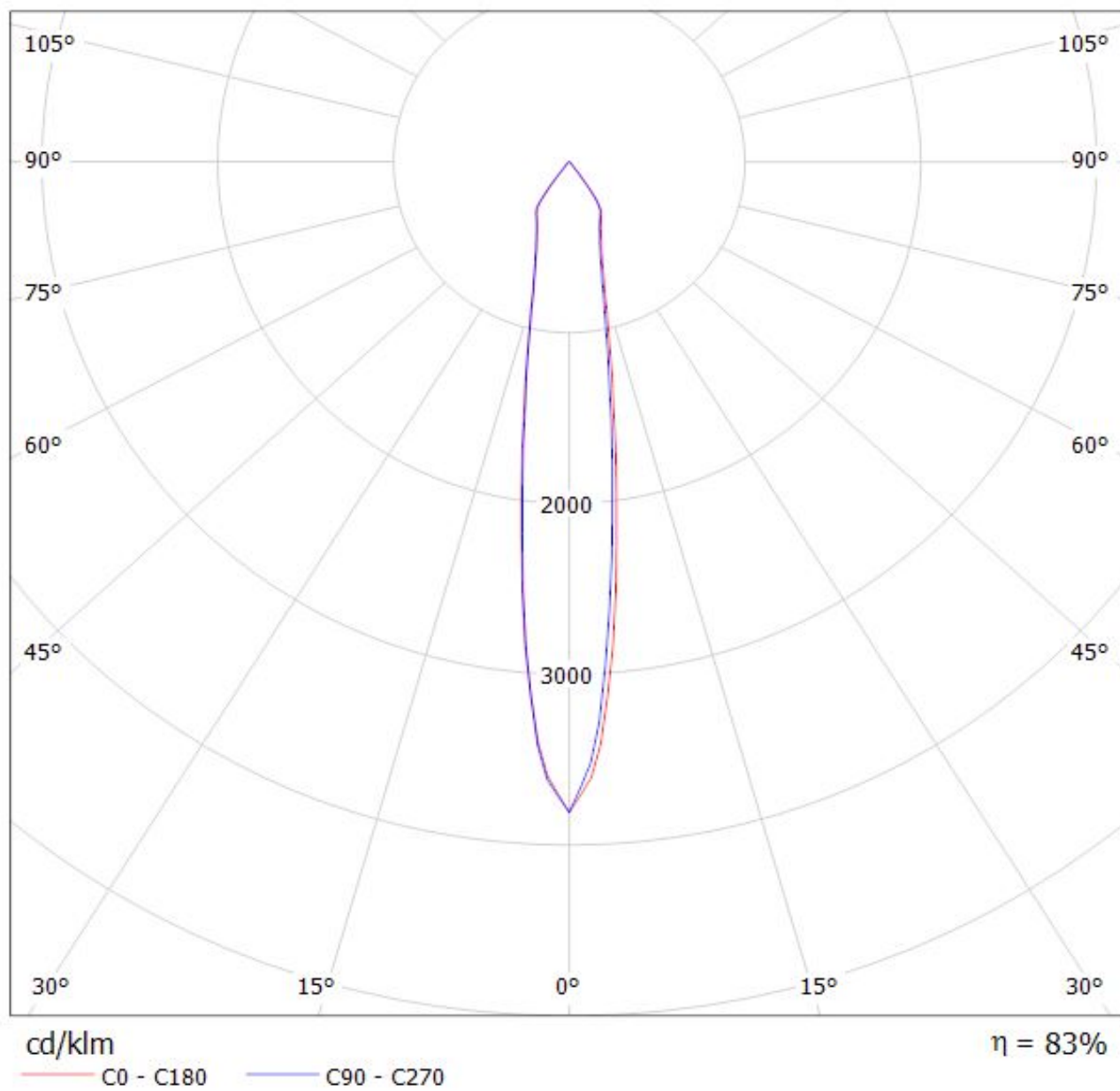
— C0 - C180

— C90 - C270

$\eta = 72\%$

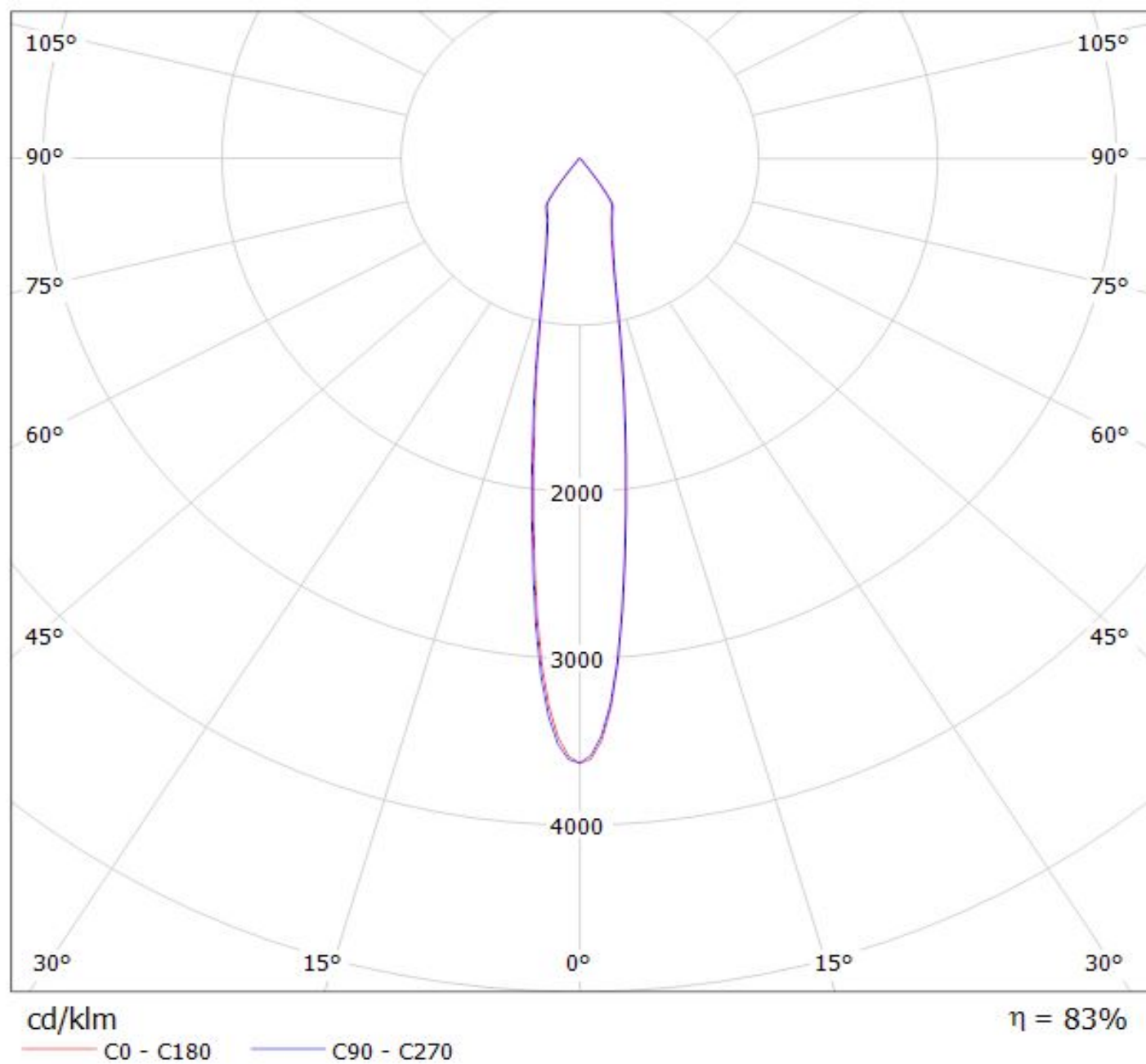
Luminaire: LEDiL Oy F13663_ANGELA-M-B_(LG_COB_10W)

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



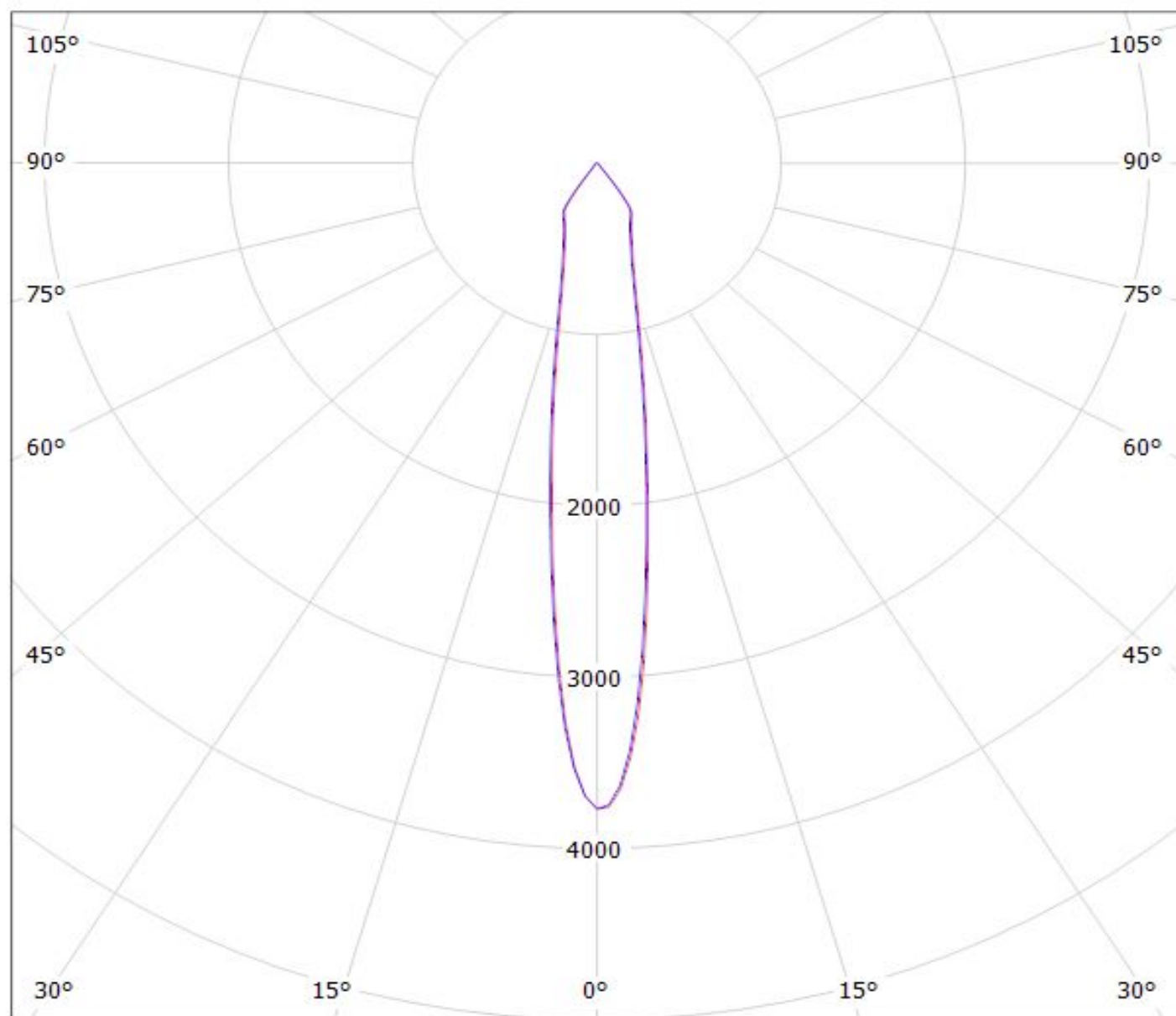
Luminaire: LEDiL Oy F13663_ANGELA-M-B_(CLU034)

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



Luminaire: LEDiL Oy F13663_ANGELA-M-B_(ZC12)

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



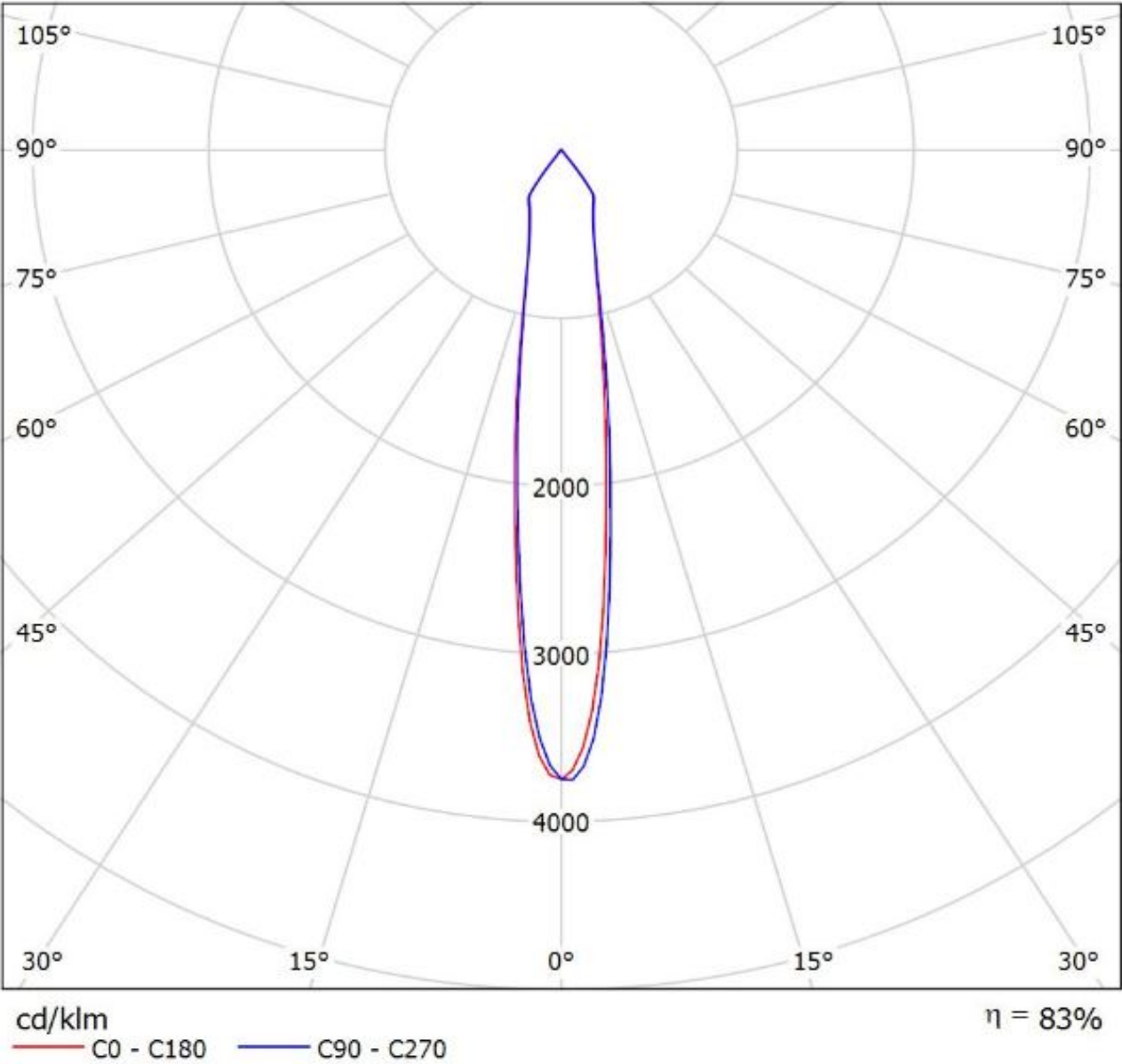
cd/klm

— C0 - C180

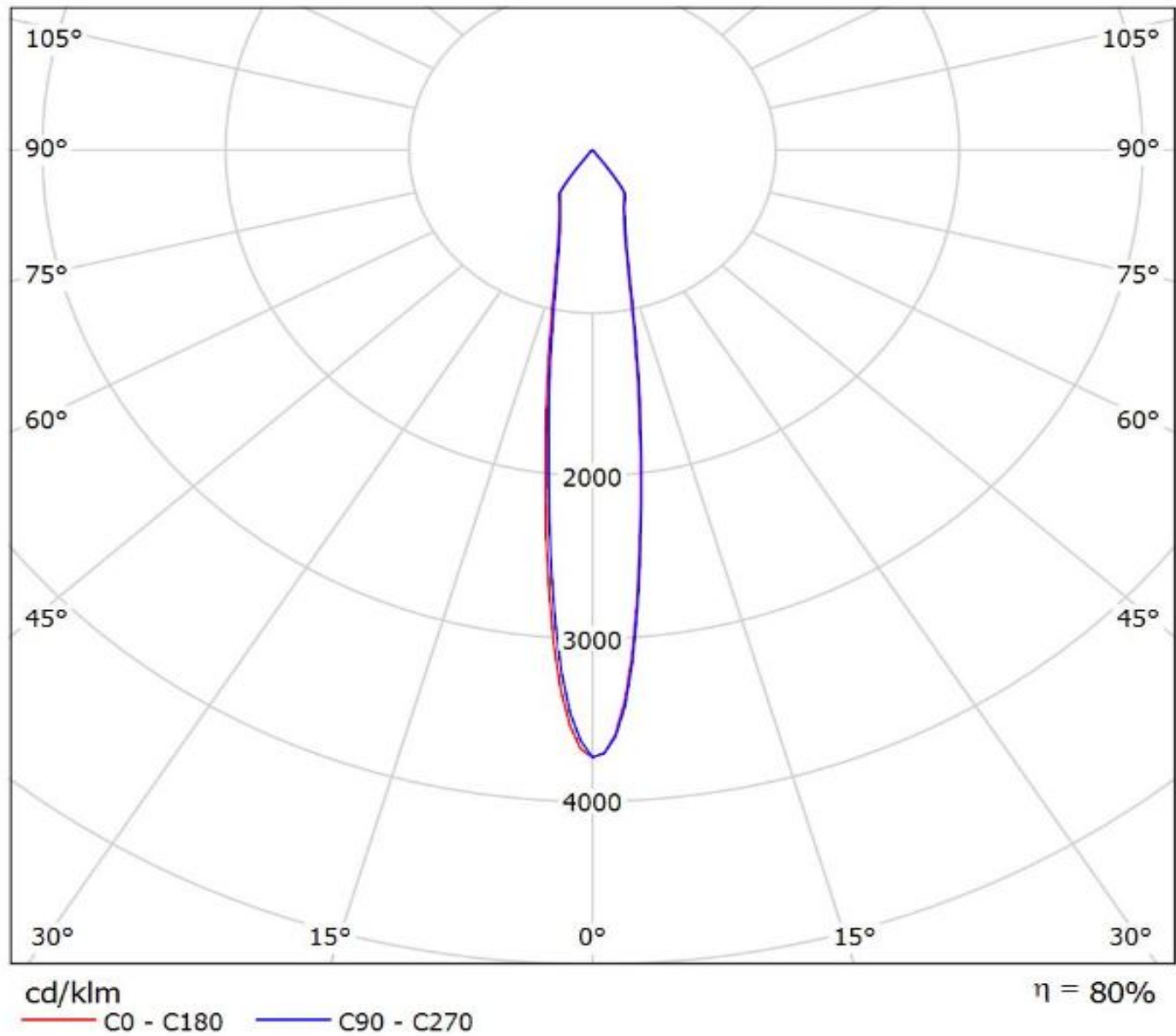
— C90 - C270

$\eta = 82\%$

Luminaire: LEDiL Oy F13663_ANGELA-M-B_(SOLERIQ_P13)
Lamps: 1 x SOLERIQ_P13_(GW_MAGMB1.EM)_1053.65lm@250mA_CCT=3000K_P=8.82044W_I=249.8mA

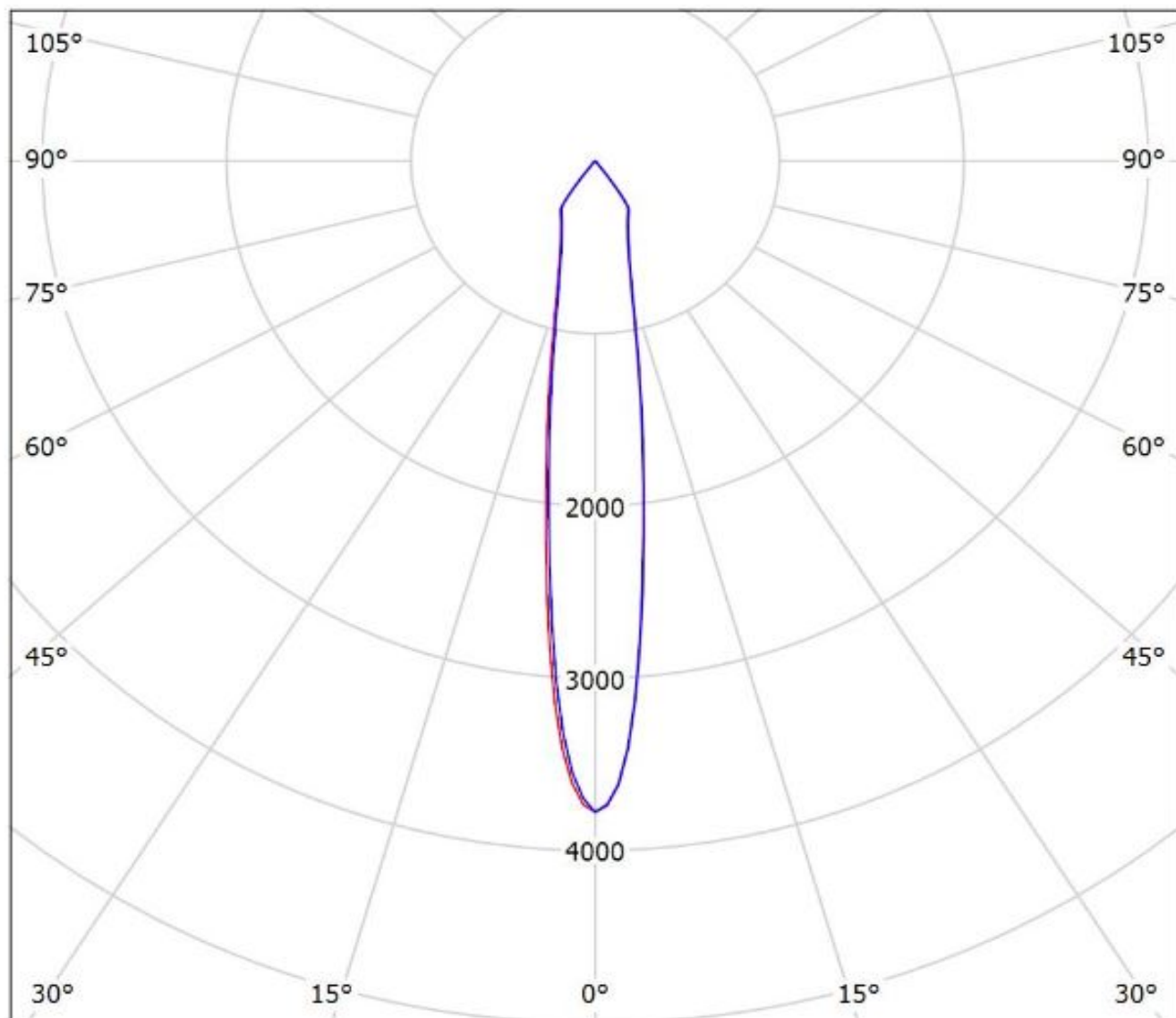


Luminaire: Ledil F13663_ANGELA-M-B_(Soleriq_S13_G2)
Lamps: 1 x Osram_Soleriq_S13_G2_(GW_KAGHB2.EM)1353.18lm@250mA_P=8.46W_I=0.25A



Luminaire: LEDiL Oy F13663_ANGELA-M-B_(SLE-G5_LES-15)

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



cd/klm

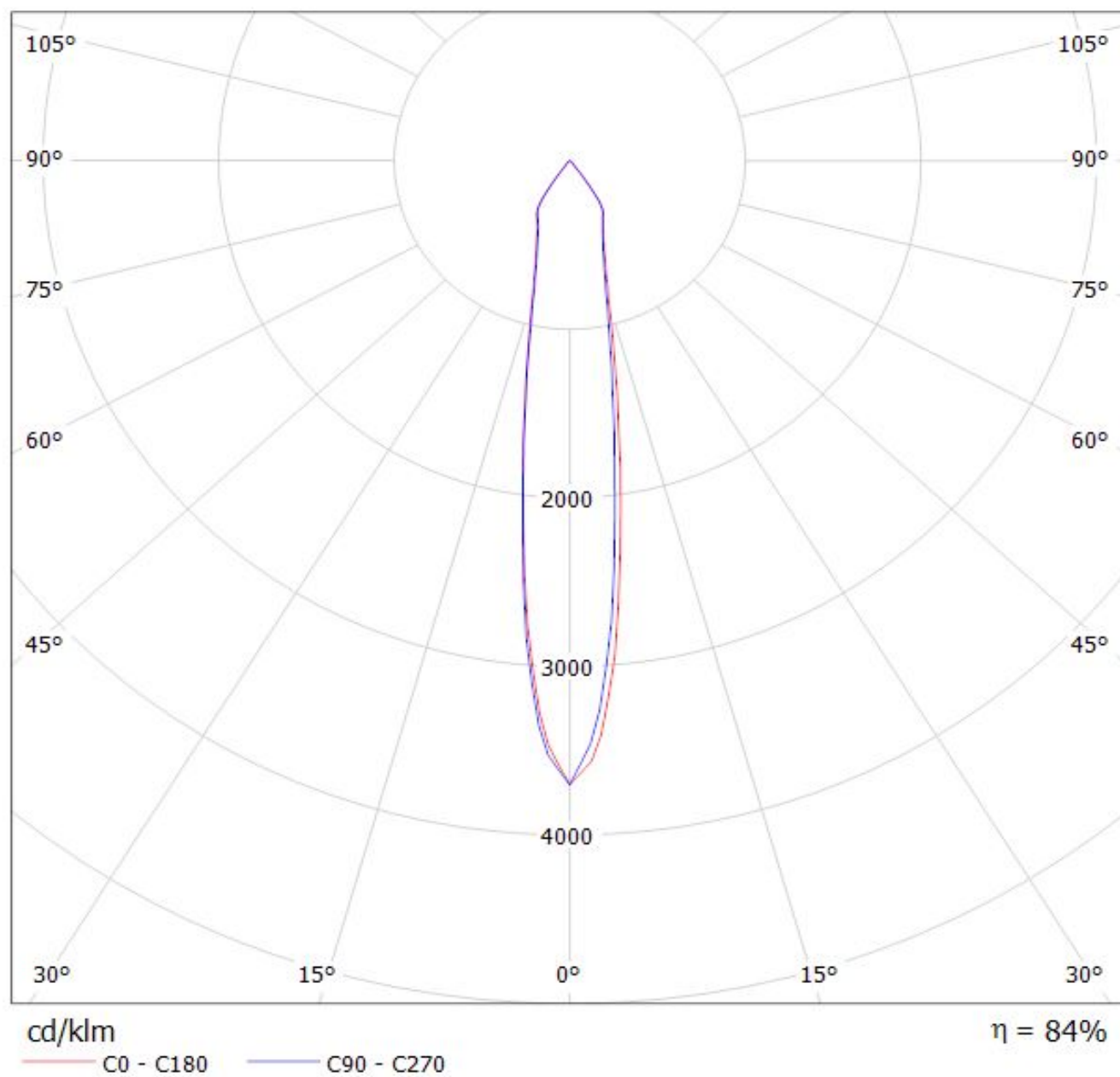
— C0 - C180

— C90 - C270

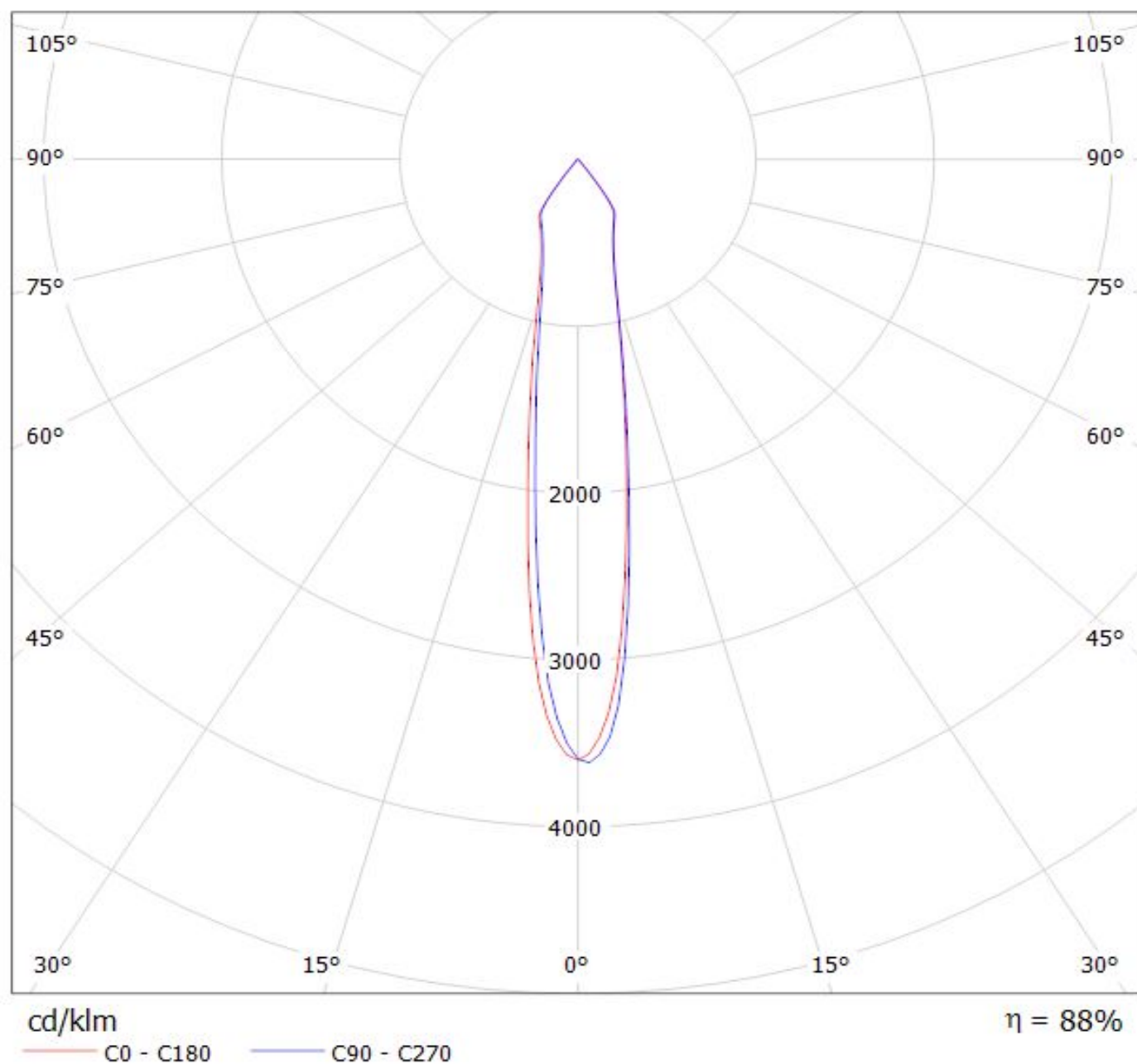
$\eta = 82\%$

Luminaire: LEDiL Oy F13663_ANGELA-M-B_(MZ) Eff.84.3%

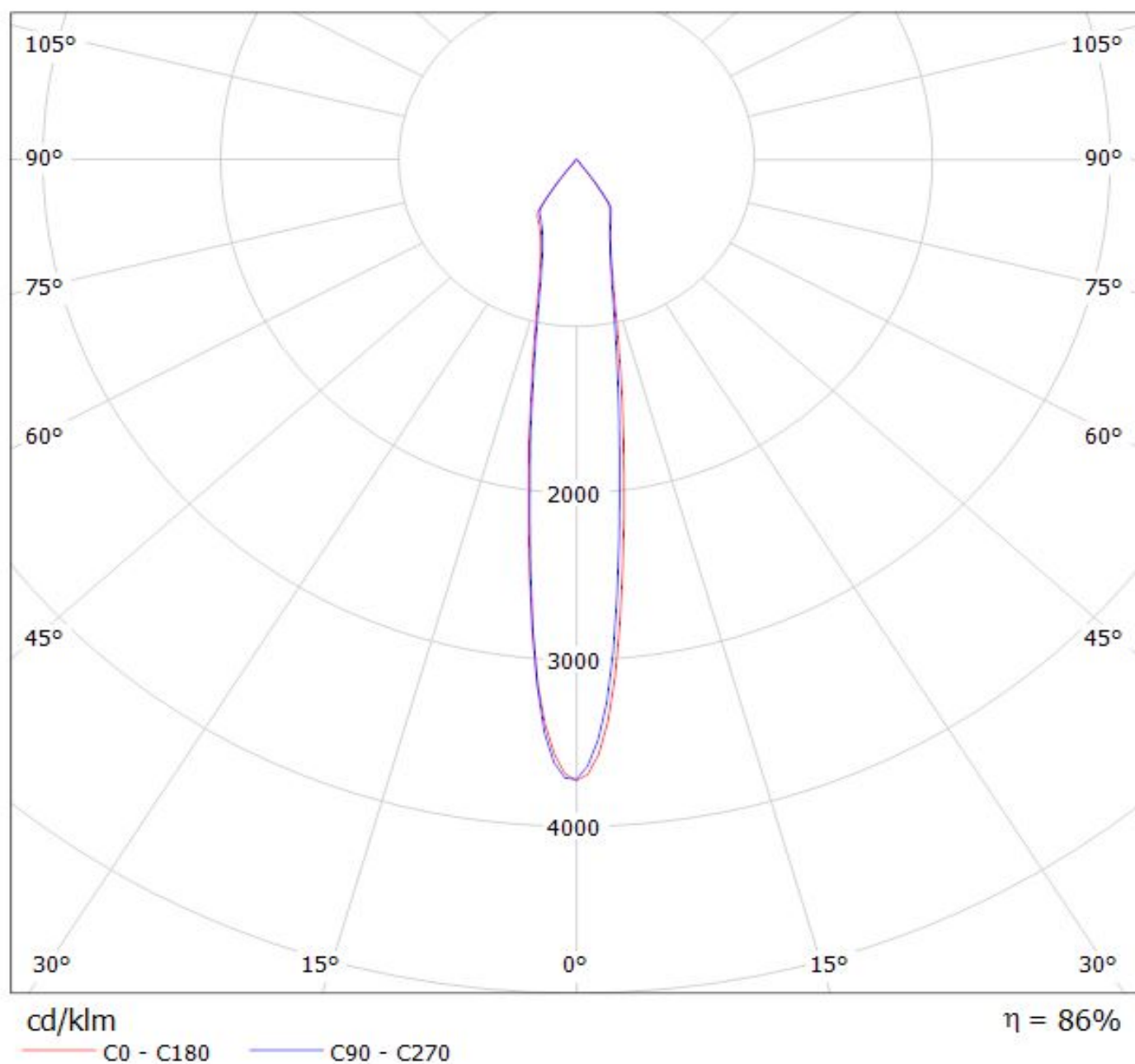
Lamps: 1 x Sharp_Mega_Zenigata_1226.07lm@250mA_P=11.1573W_I=249.8mA



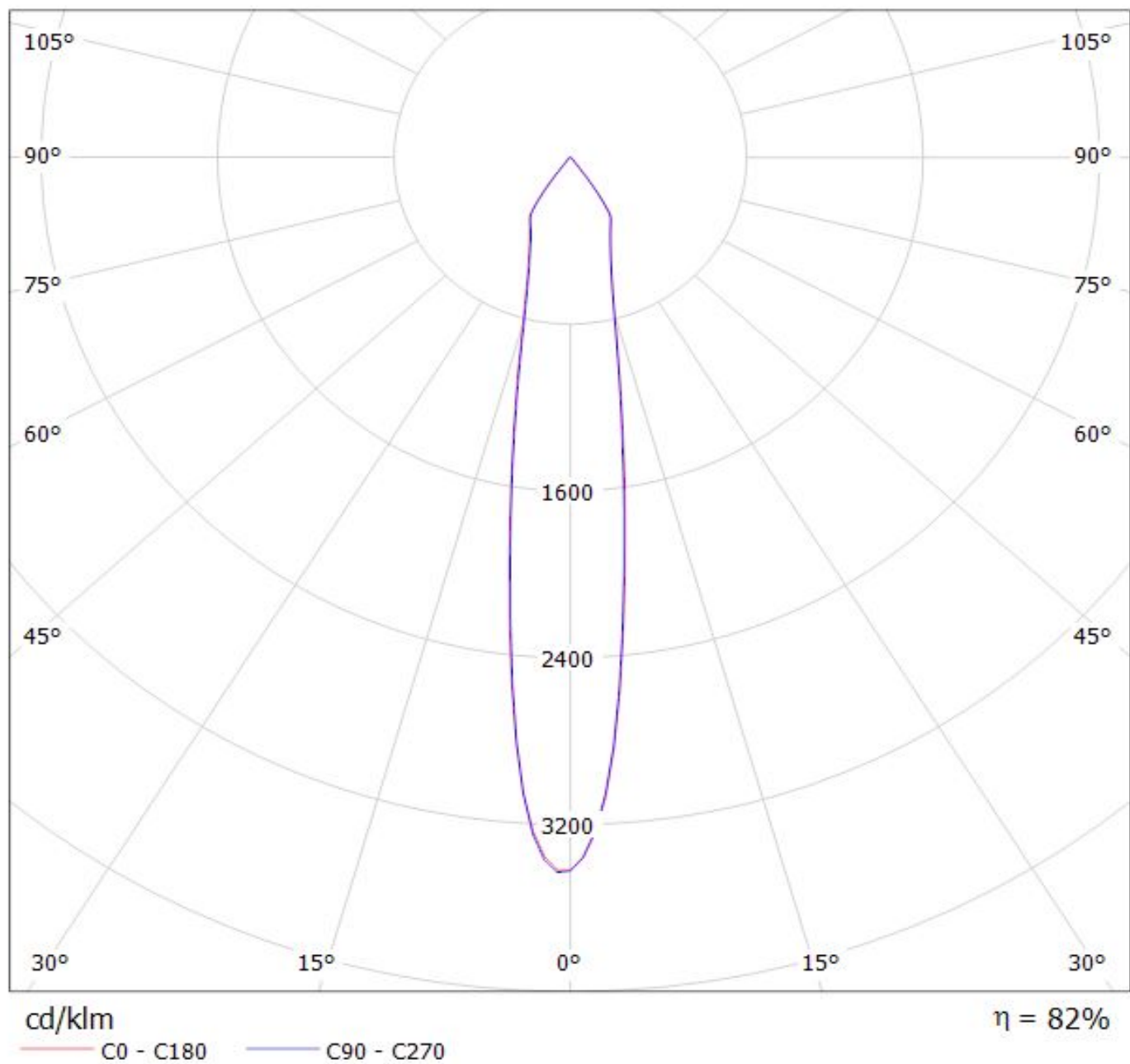
Luminaire: LEDiL Oy F13663_ANGELA-M-B_(K16) Eff.87.9%
Lamps: 1 x Luxeon_K16_1224.2lm@250mA_P=10.8991W_U=249.9mA



Luminaire: LEDiL Oy F13663_ANGELA-M-B_(K12) Eff.86.5%
Lamps: 1 x Luxeon_K12_933.514lm@250mA_P=8.21721W_I=249.9mA

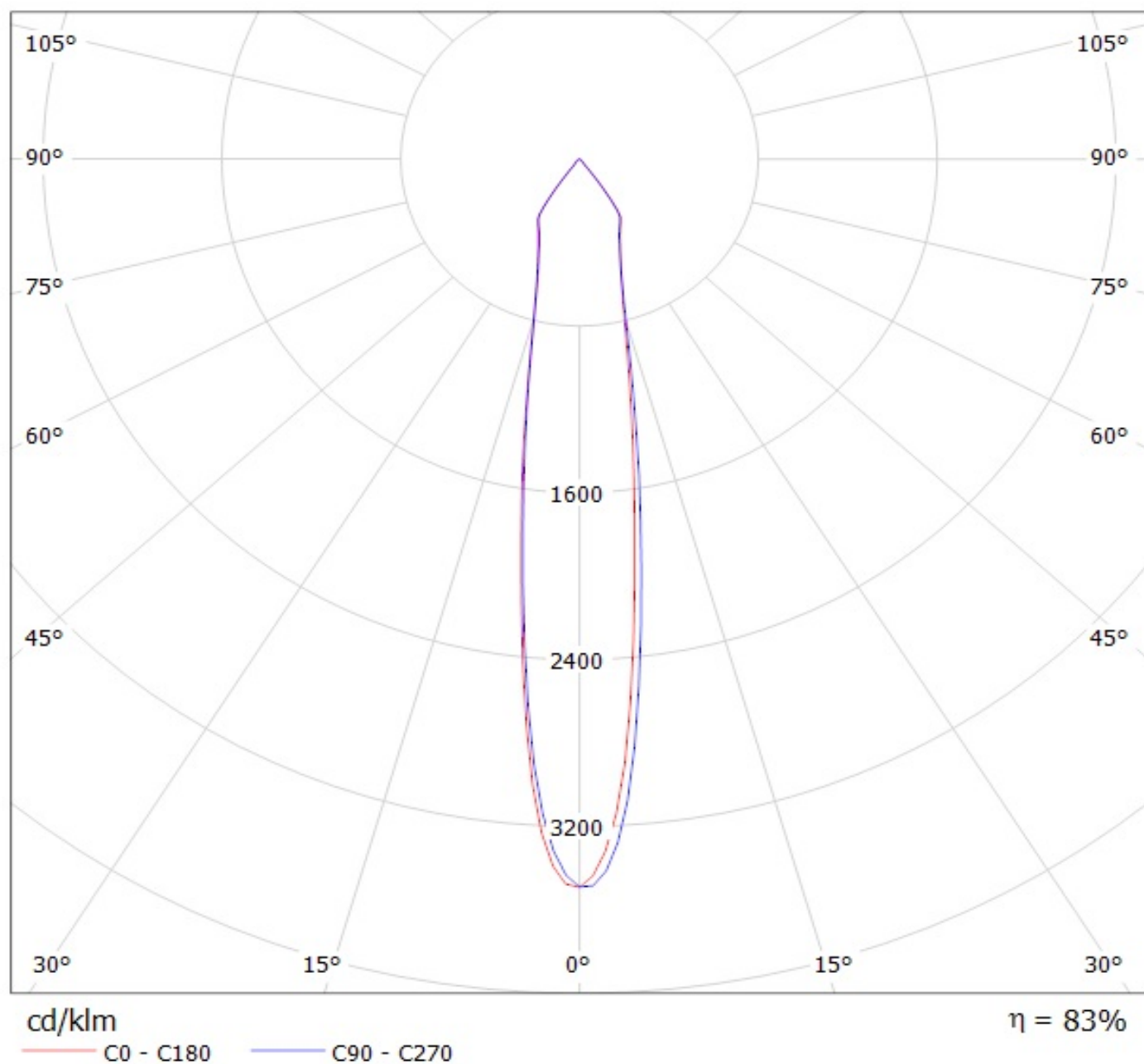


Luminaire: LEDiL Oy F13663_ANGELA-M-B_(S19) Eff.82.6%
Lamps: 1 x Osram_SOLERIQ_S19_1434.85lm@250mA_P=10.5595W_I=249.8mA

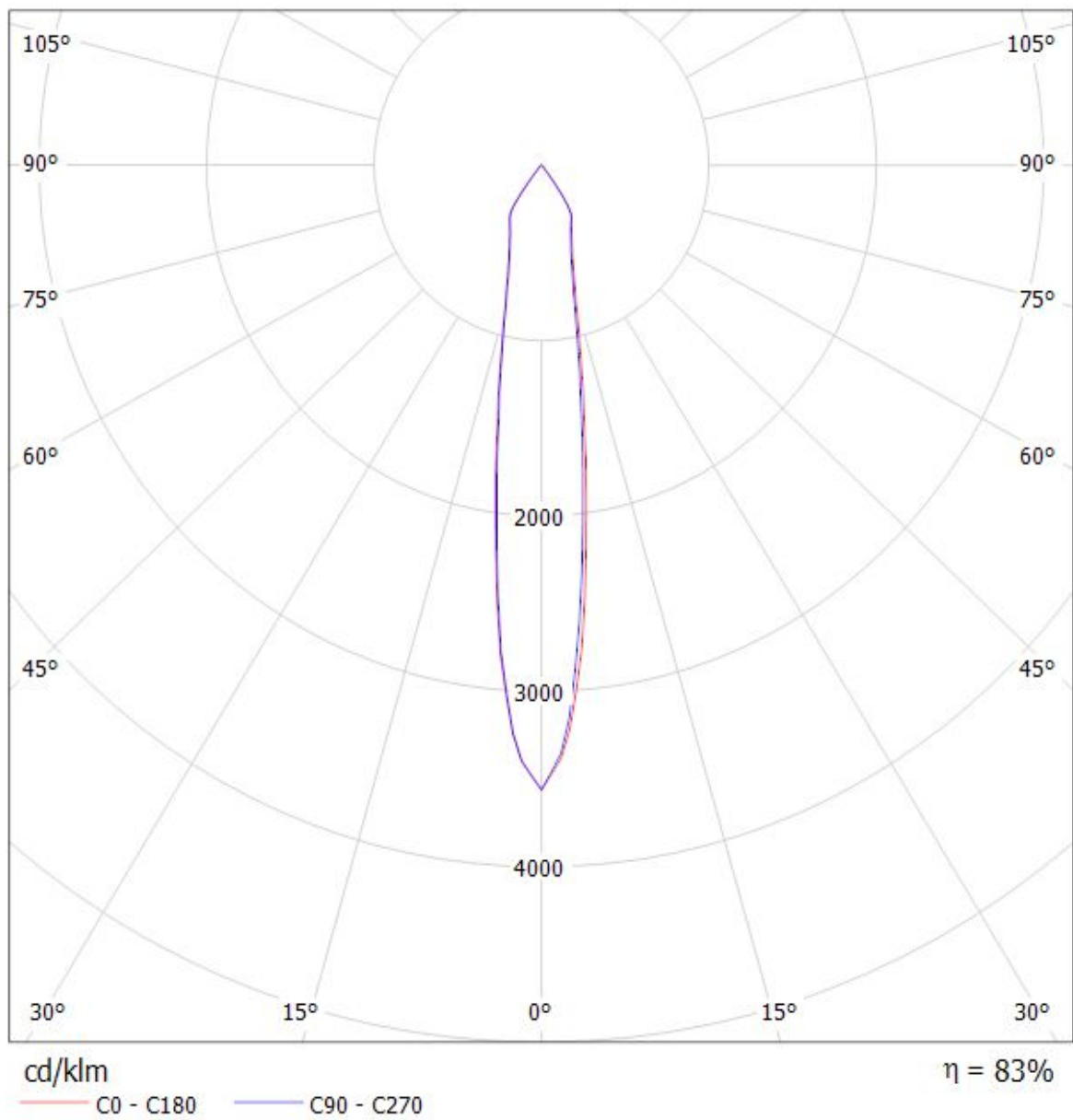


Luminaire: LEDiL Oy F13663_ANGELA-M-B_(Luxeon_CoB_1208)

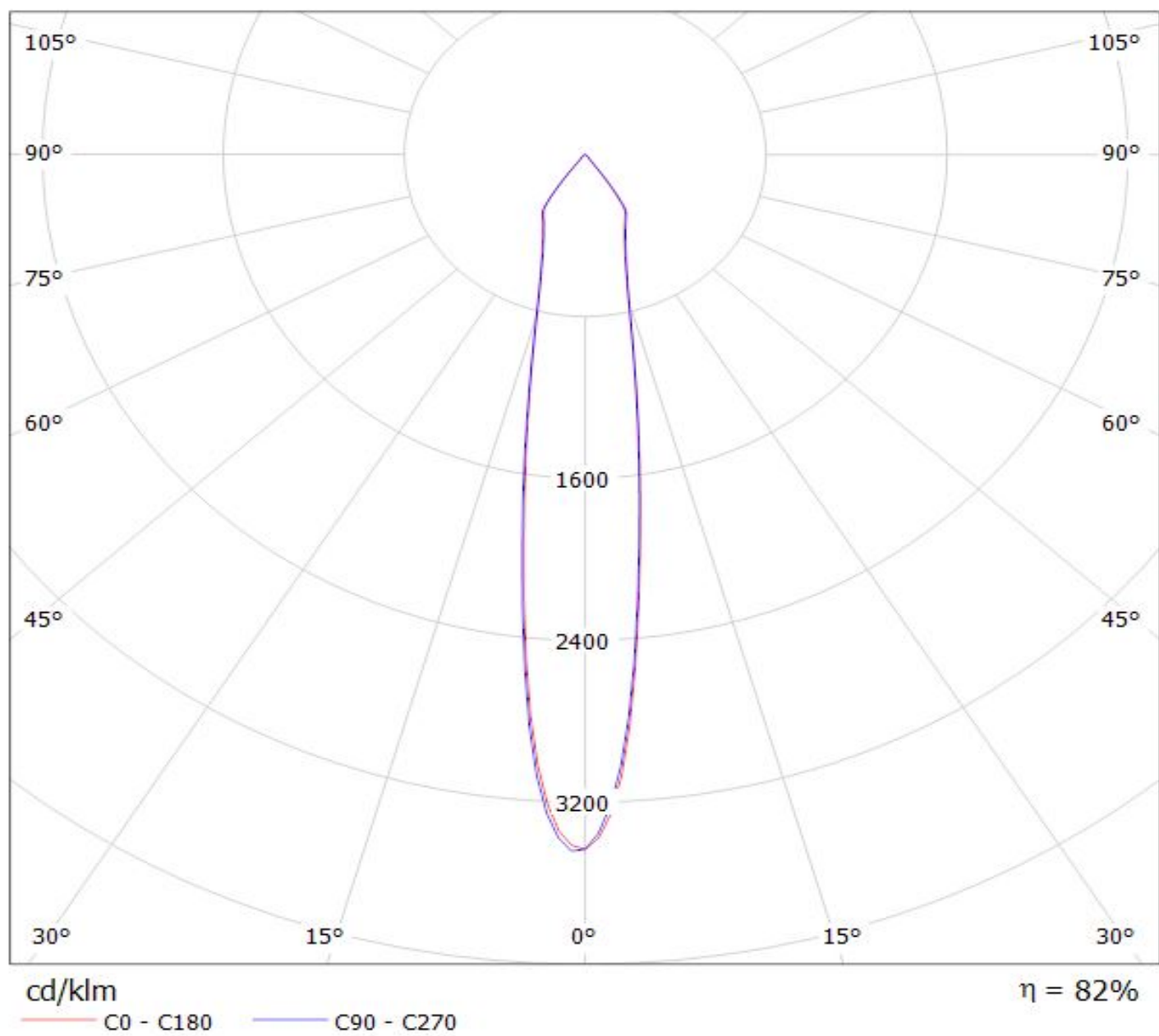
Lamps: 1 x Luxeon_CoB_1208_1045.92lm@250mA_P=8.25314W_I=249.8mA



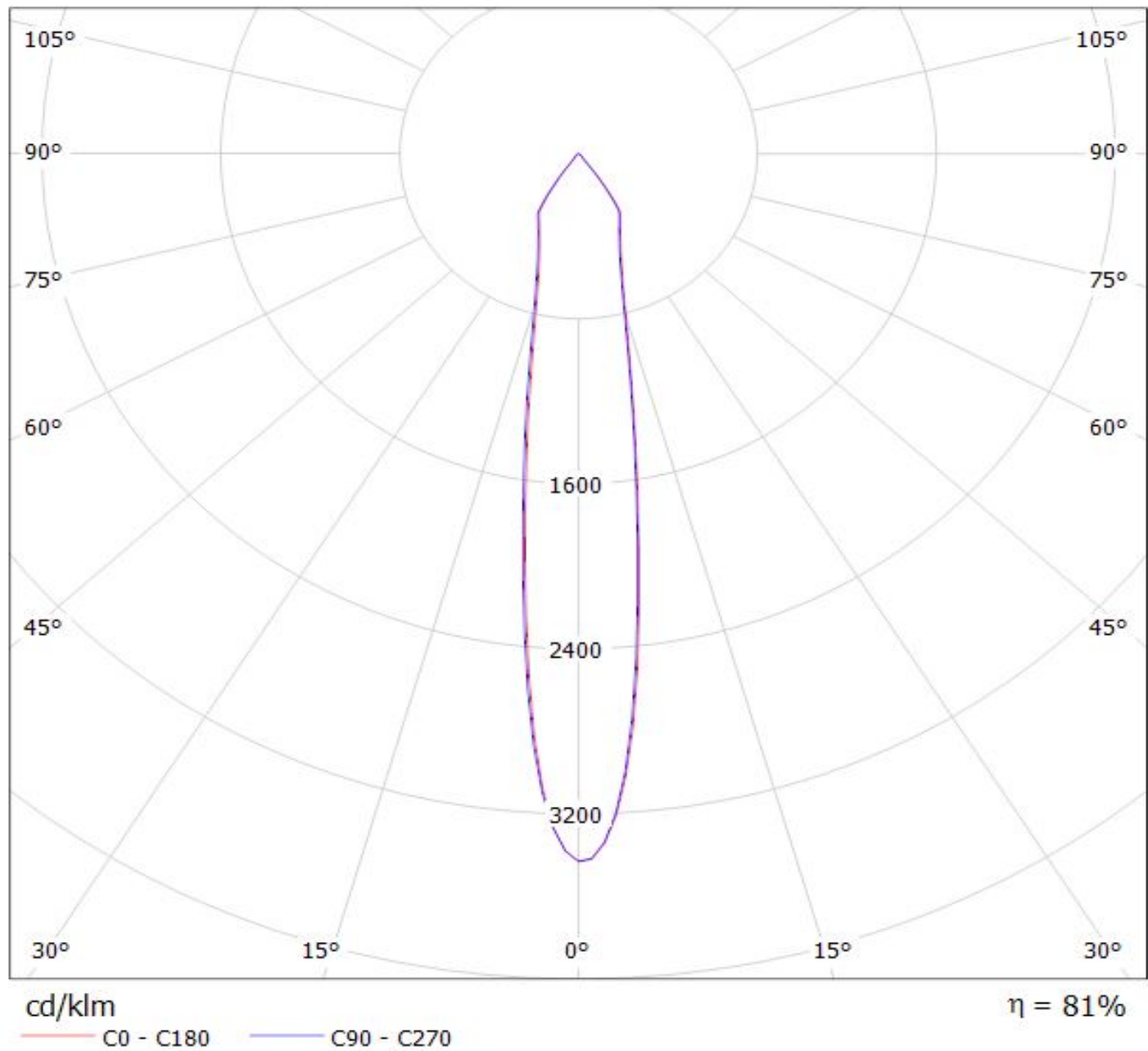
Luminaire: LEDiL Oy F13663_ANGELA-M-B_(MegaZenigata_GW6)
Lamps: 1 x Sharp_MegaZenigata_GW6_(GW6DME30NFC)_1266.19lm@250mA_CCT=3038K_P=11.2151W_I=250.6mA



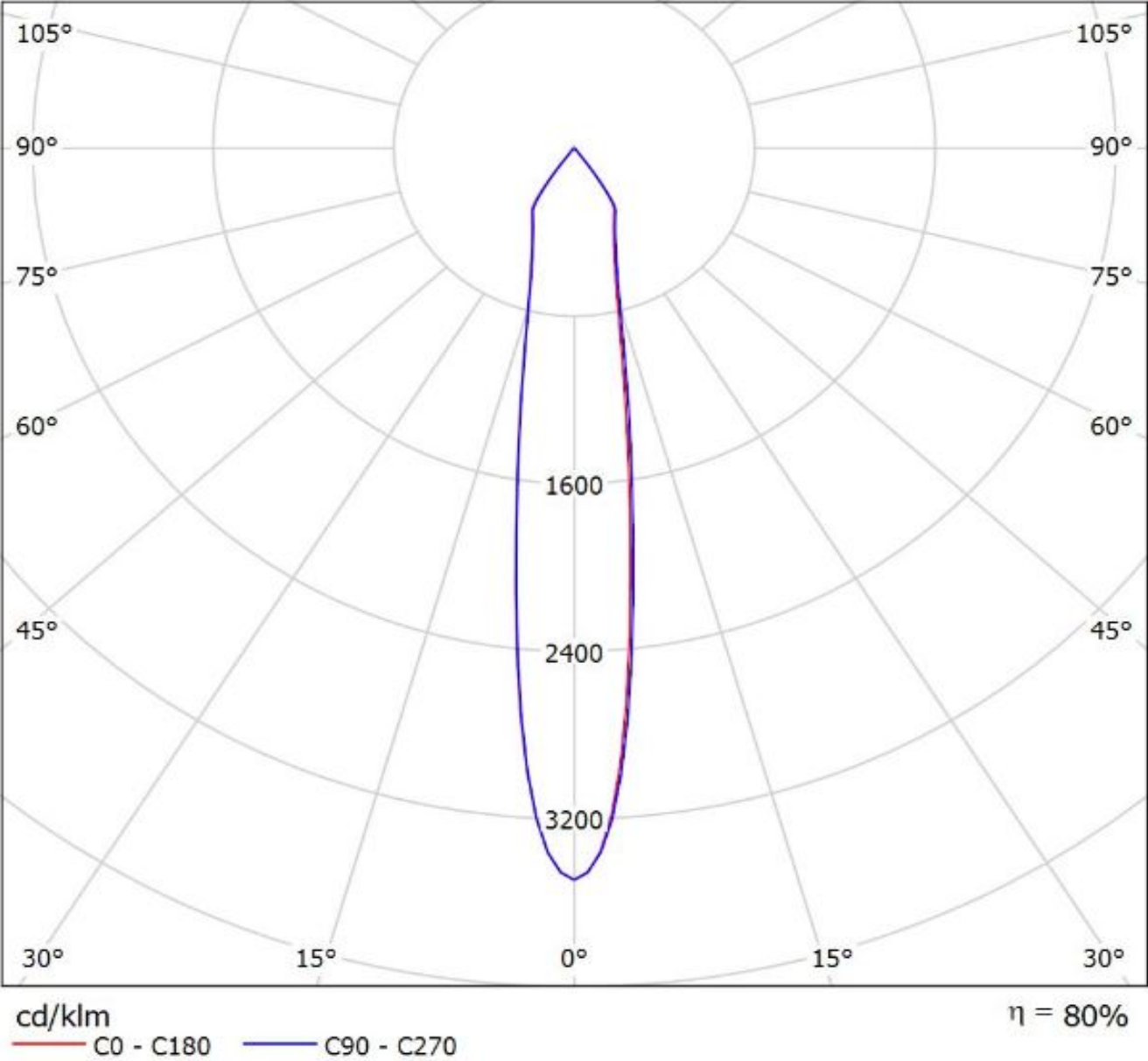
Luminaire: LEDiL Oy F13663_ANGELA-M-B_(STARK_SLE_G3_LES17)
Lamps: 1 x TRIDONIC_STARK_SLE_G3_LES17_(STARK-SLE-PURE_G3-17-2000-840-CLA)
_1030.26lm@250mA_CCT=2000K_P=8.34707W_I=249.8mA



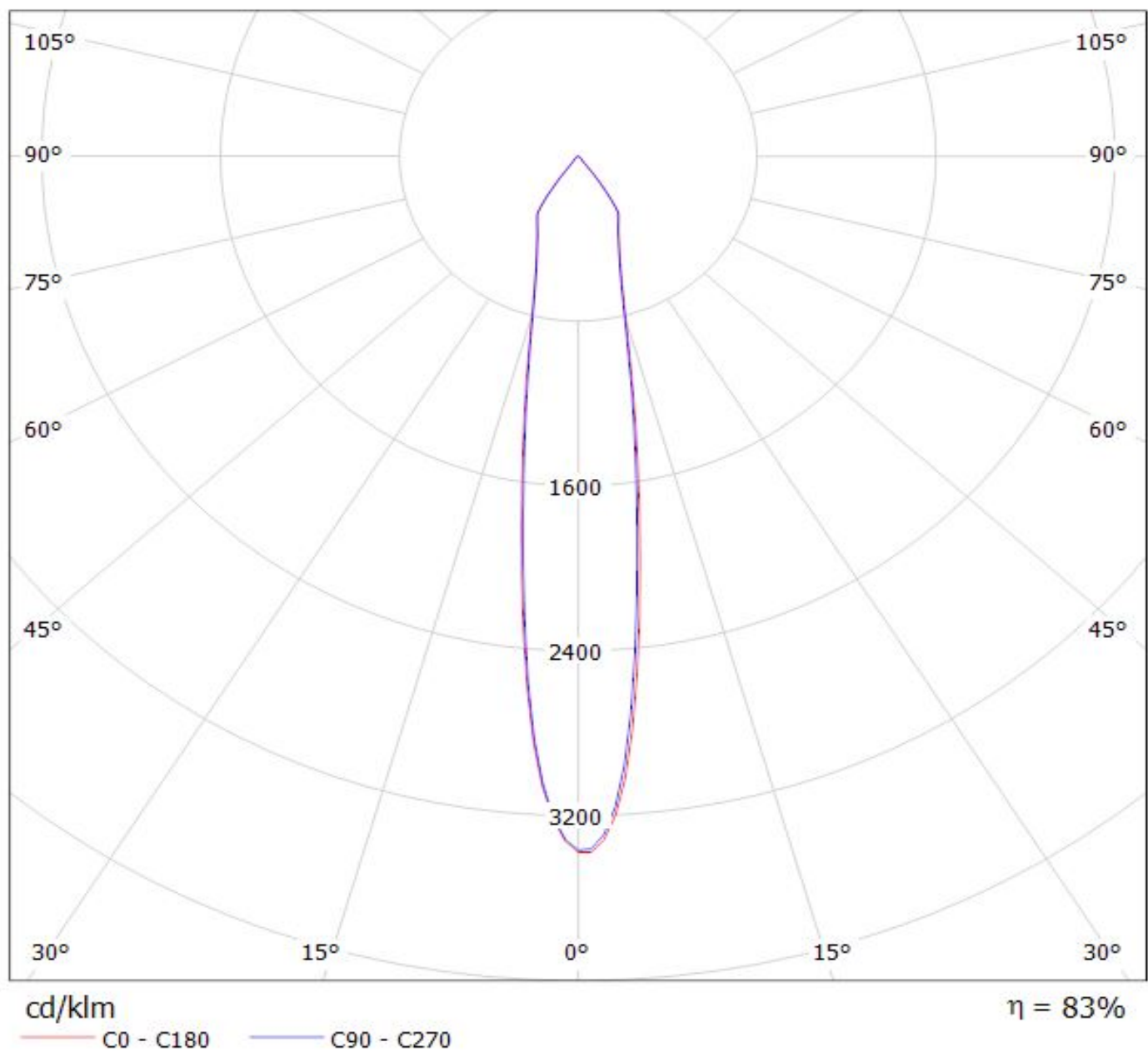
Luminaire: LEDiL Oy F13663_ANGELA-M-B_(SLE GEN4 LES19)
Lamps: 1 x SLE GEN4 LES19_1226.28lm@250mA_P=8.21367W_I=0.2498A



Luminaire: LEDiL Oy F13380_ANGELA-M_(SLE-G5_LES-19)
Lamps: 1 x Tridonic_SLE-G5_LES-19_1334.47lm@250mA_P=8.2224W_η=0.250A

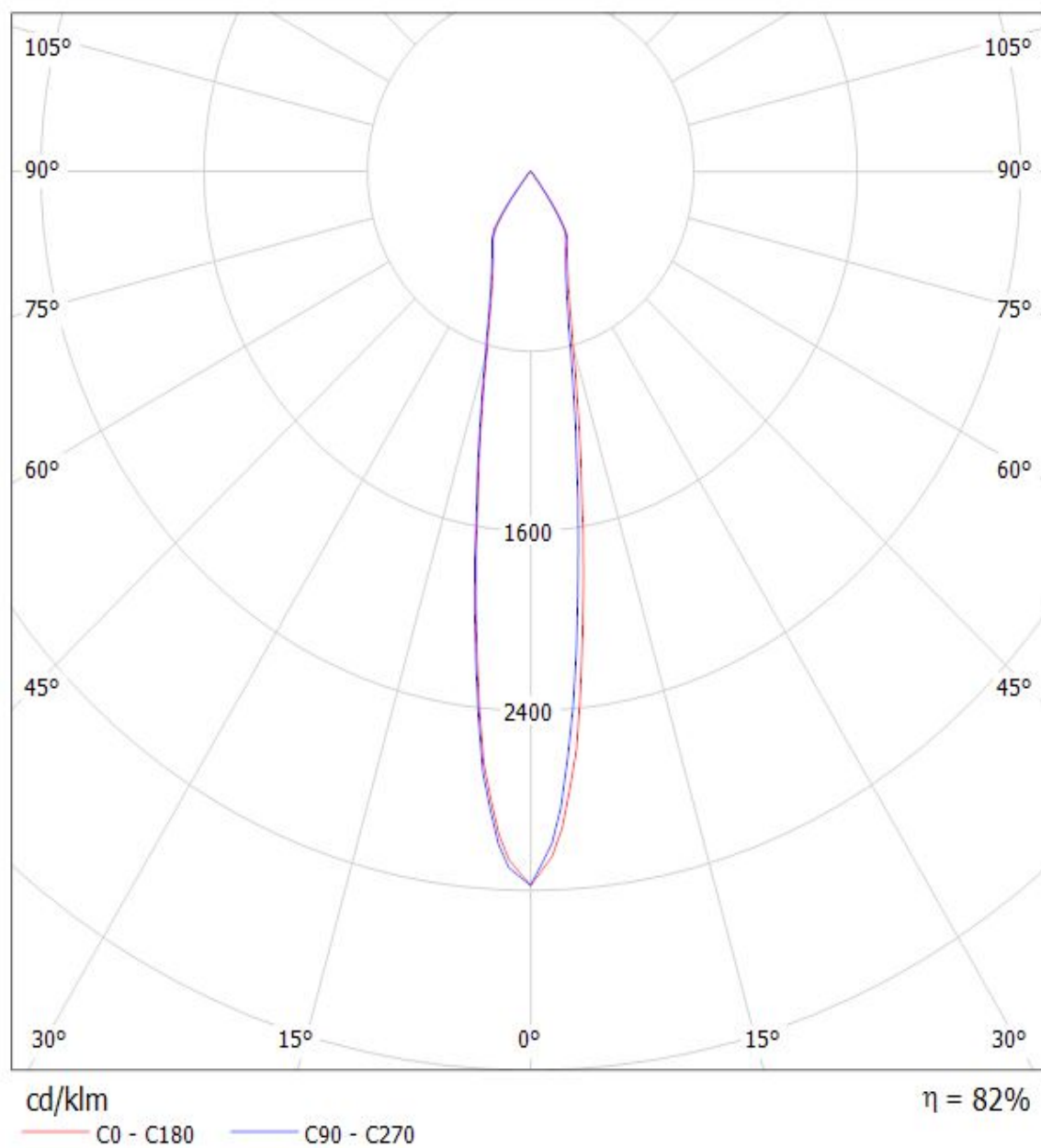


Luminaire: LEDiL Oy F13663_ANGELA-M-B_(Soleriq S19) Eff.82.6%
Lamps: 1 x OSRAM_SOLERIQ_S19_(GW_KAHJB1.EM)
_1445.44lm@250mA_CCT=3000K_P=10.558W_I=249.8mA

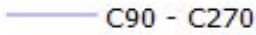


Luminaire: LEDiL Oy F13663_ANGELA-M-B_(CXA2590)

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

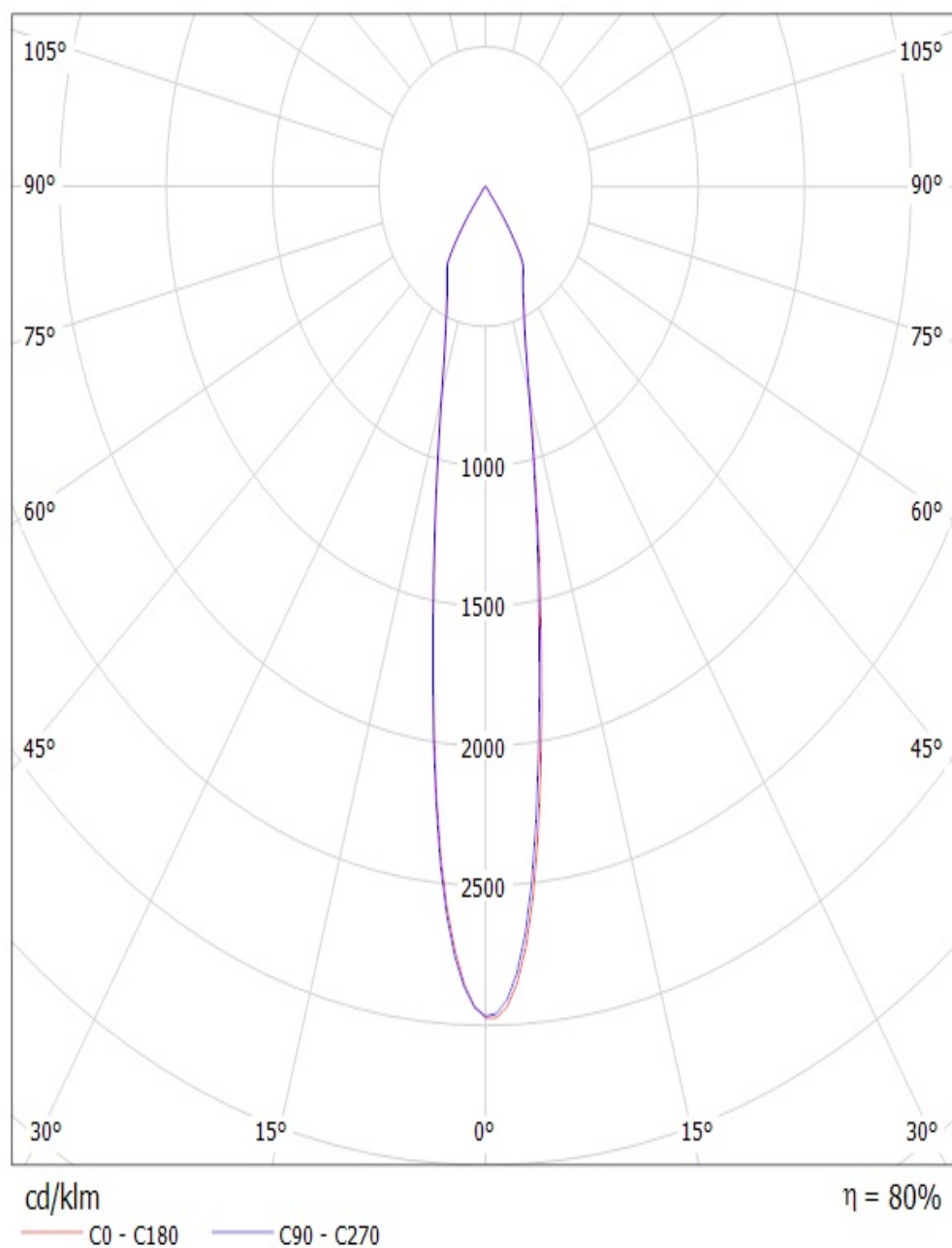


_923.583lm@250mA_CCT=2700K_P=8.00909W_I=249.8mA

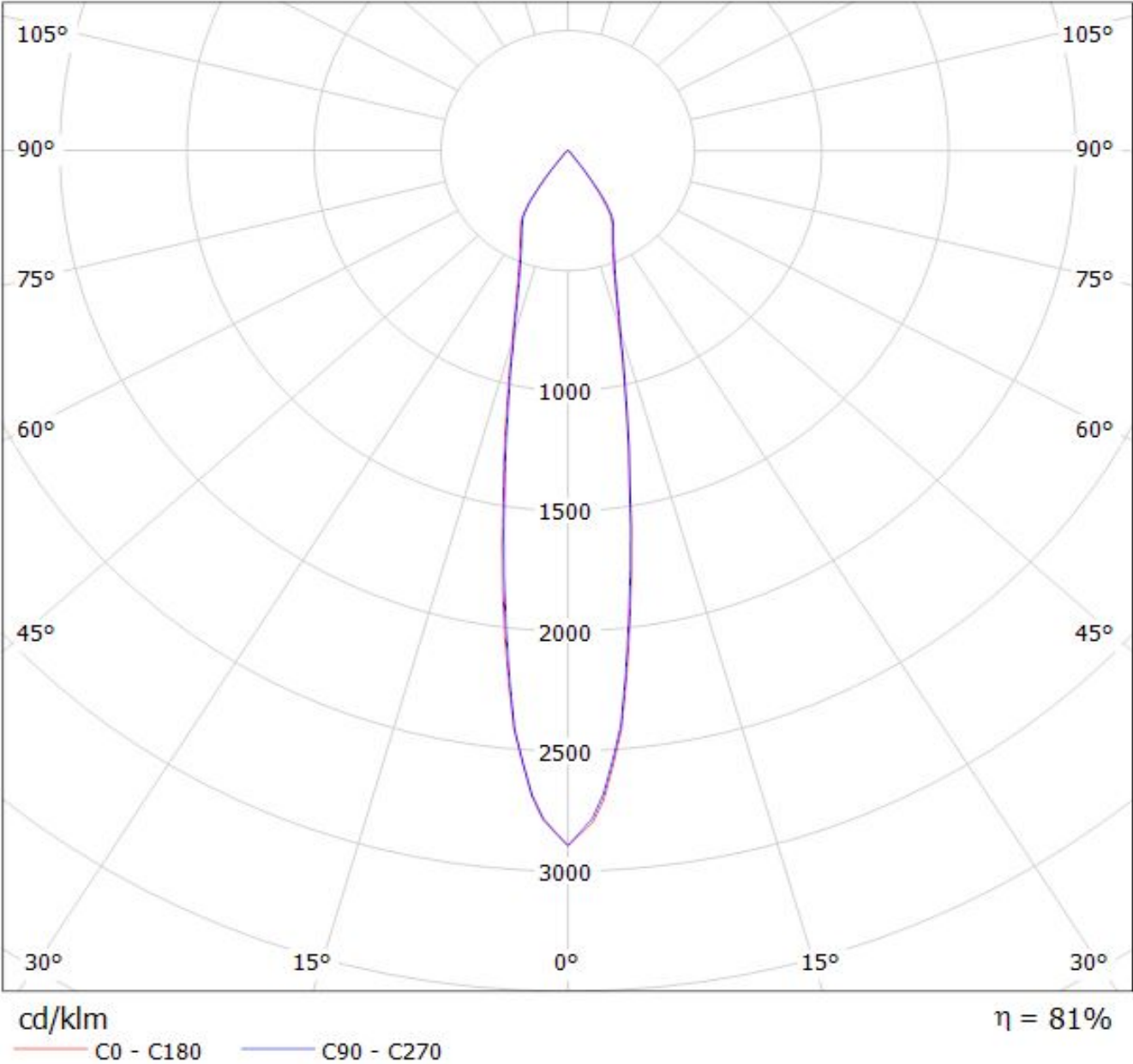


Luminaire: LEDiL Oy F13663_ANGELA-M-B_(Luxeon_CoB_1211)_(BJB2030)

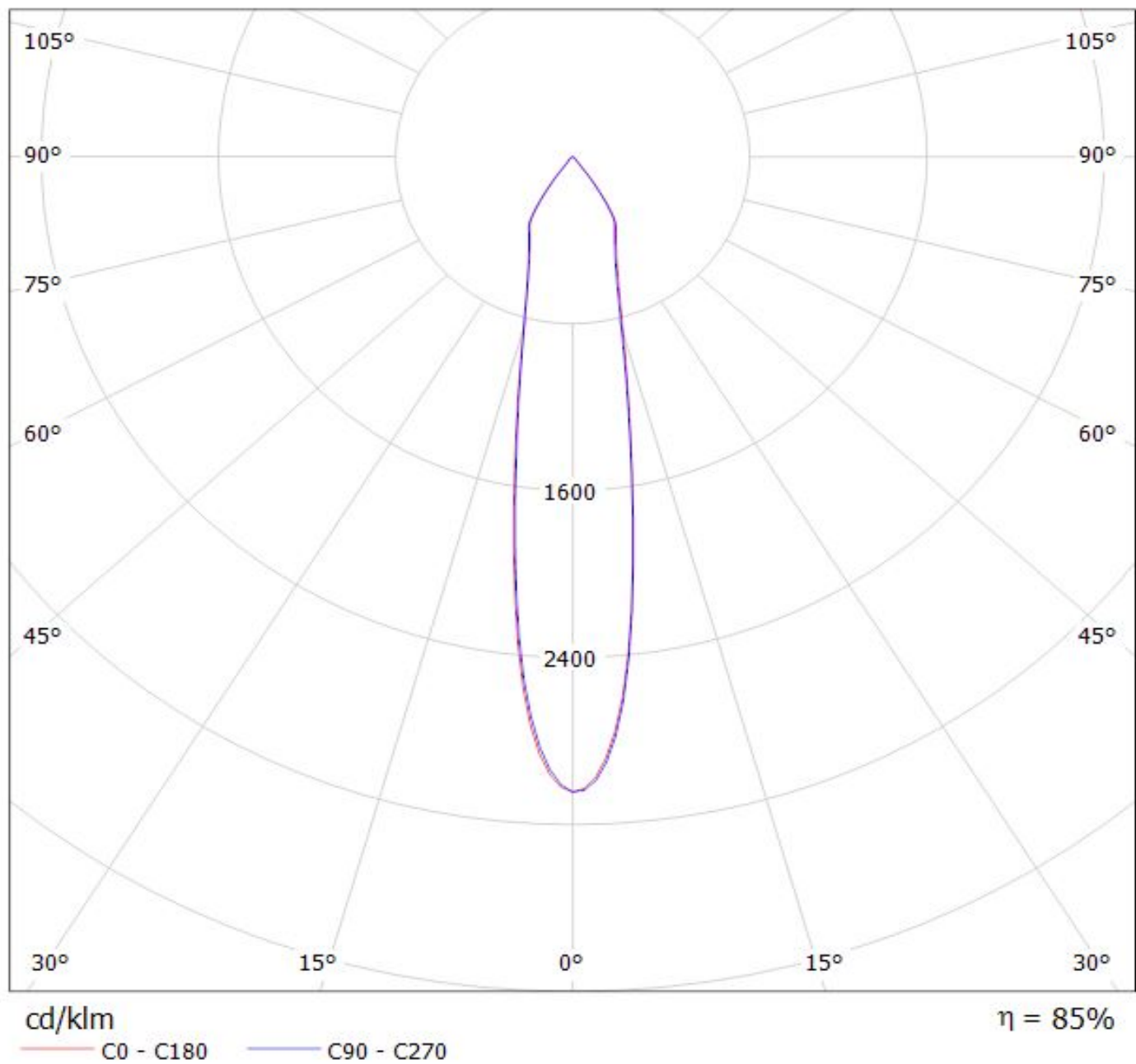
Lamps: 1 x Philips_Lumileds_Luxeon_CoB_1211_(LHC1-5780-1211)_(BJB2030)_1332.46lm@250mA_CCT(approx.)=5700K_P=8.03332W_I=0.2498A



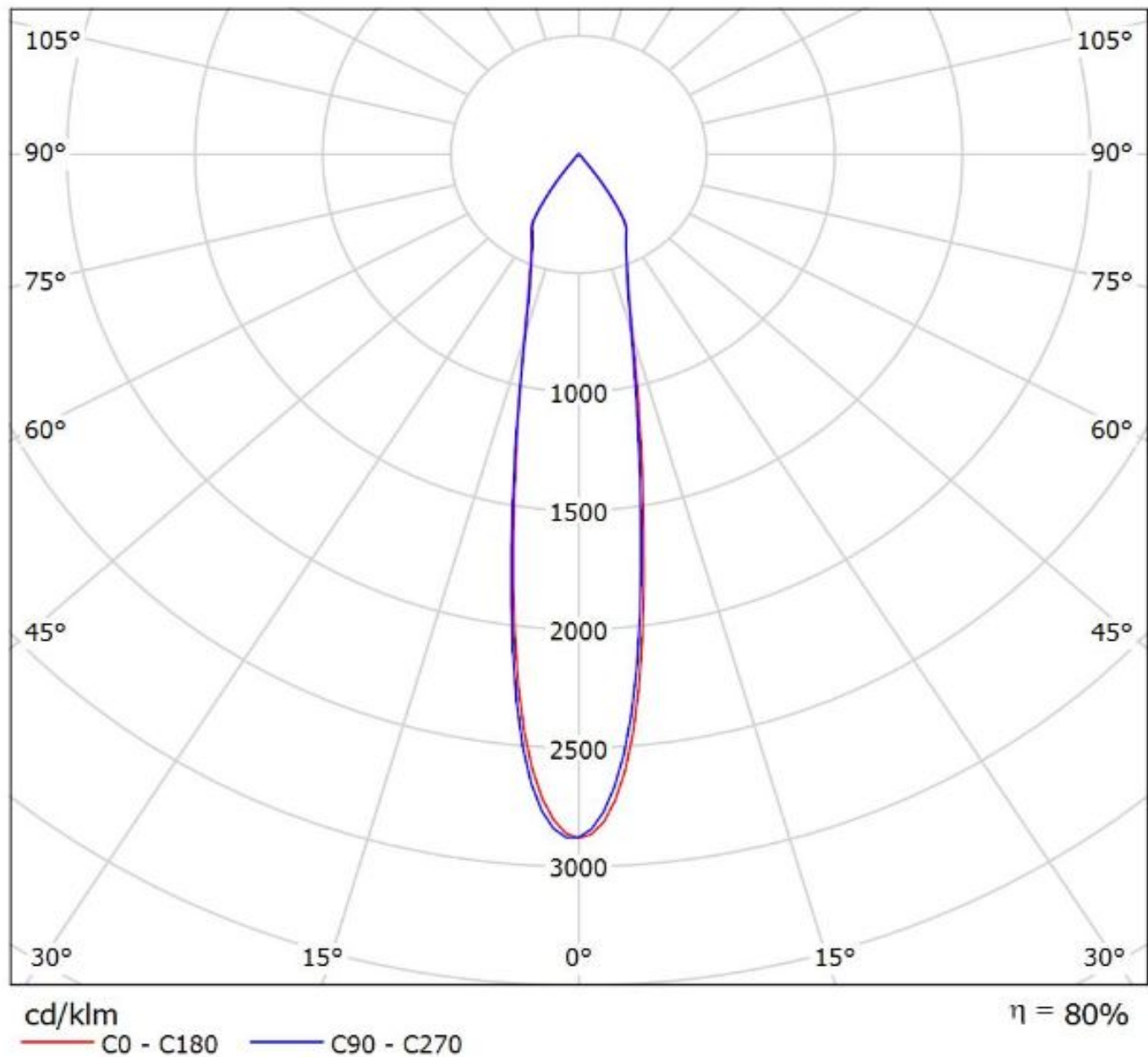
Luminaire: LEDiL Oy F13663_ANGELA-M-B_(E30) Eff.80.7%
Lamps: 1 x Osram_Soleriq_E30_1364.86lm@250mA_P=10.2445W_I=249.8mA



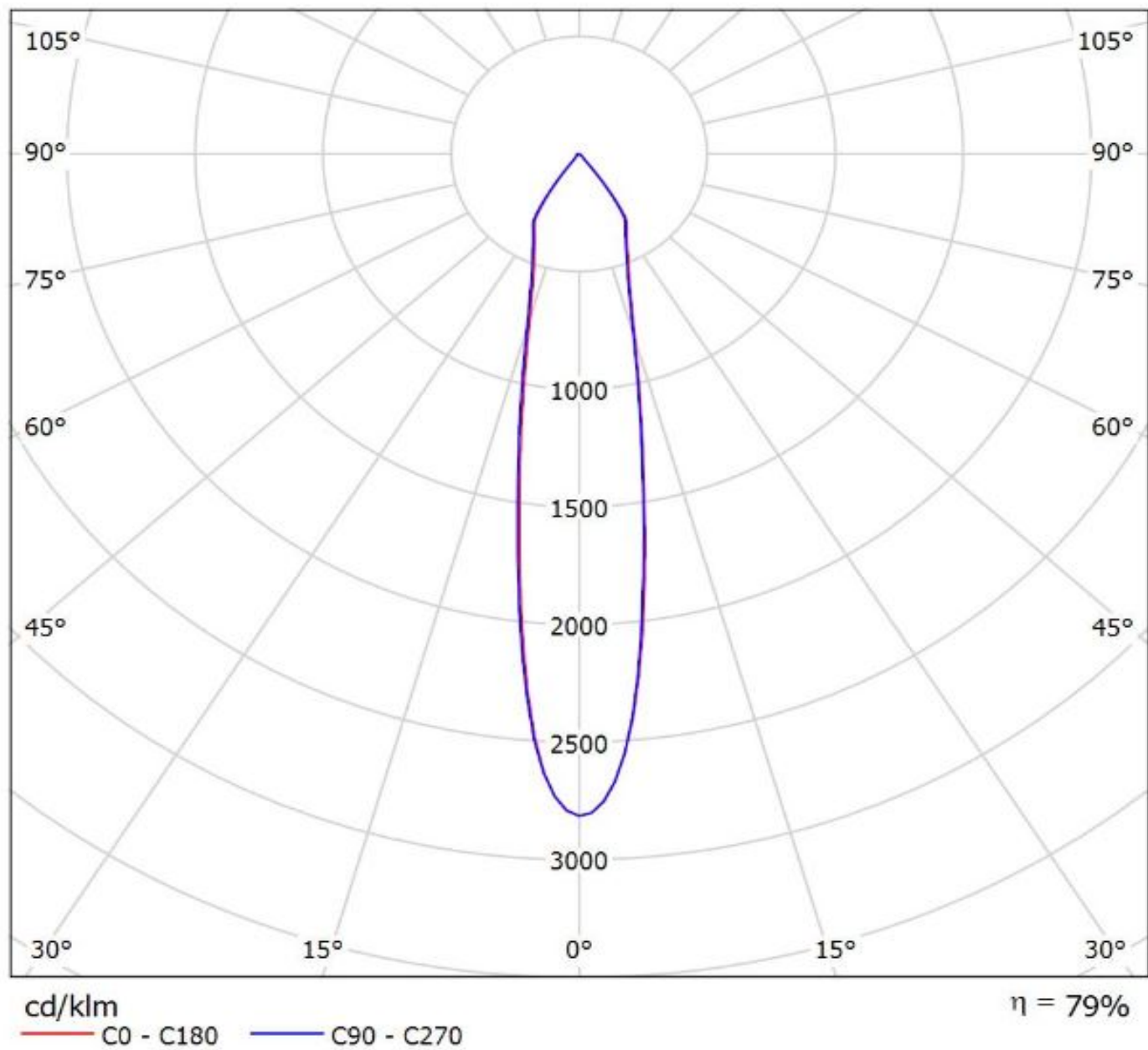
Luminaire: LEDiL Oy F13663_ANGELA-M-B_(SLE_G4_LES23)
Lamps: 1 x Tridonic_SLE_G4_LES23_1354.57lm@250mA_P=8.18744W_I=0.2498A



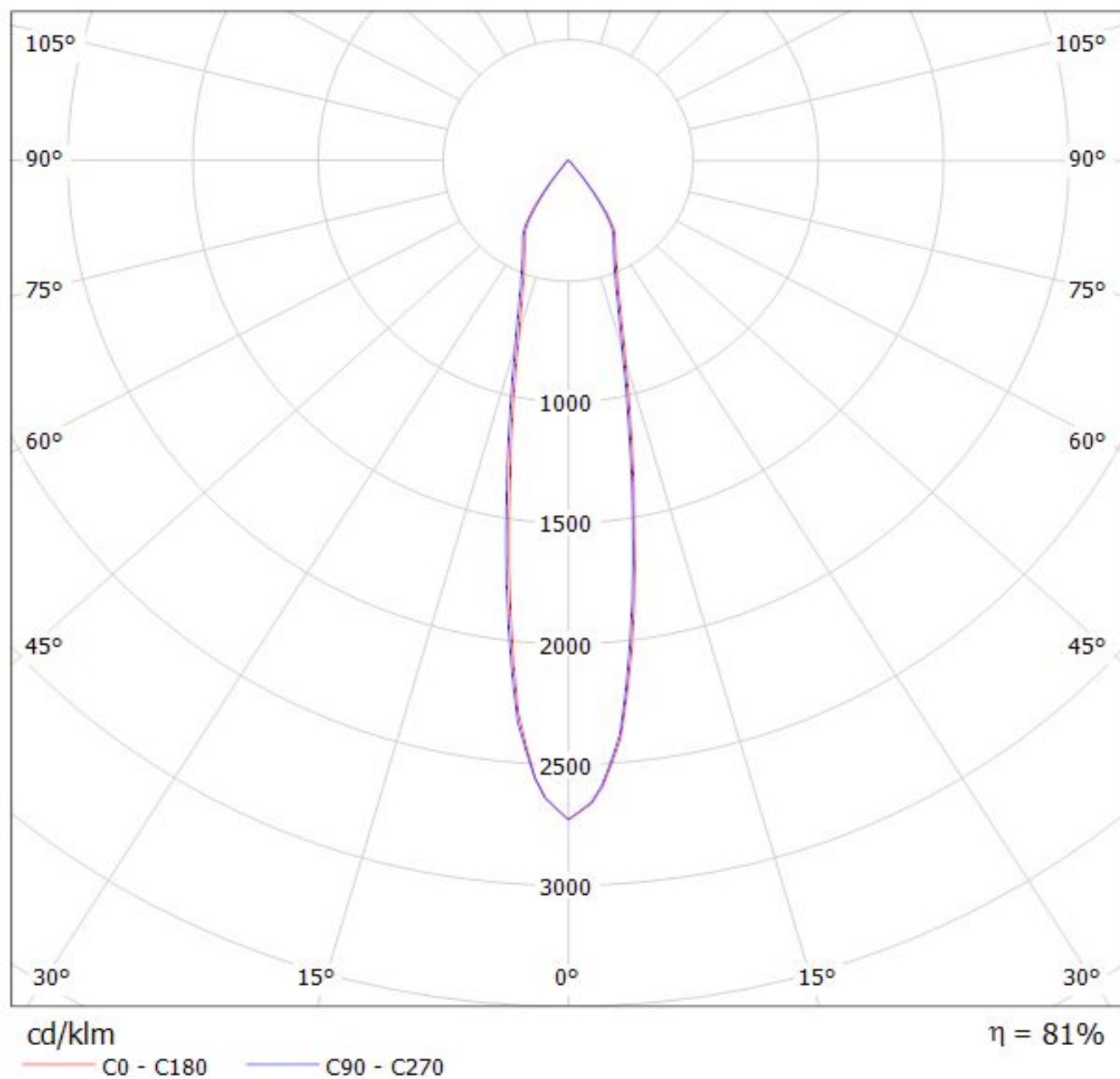
Luminaire: LEDiL Oy F13663_ANGELA-M-B_(SLE-G5_LES-23)
Lamps: 1 x Tridonic_SLE-G5_LES-23_1371.74lm@250mA_P=8.1065W_I=0.250A



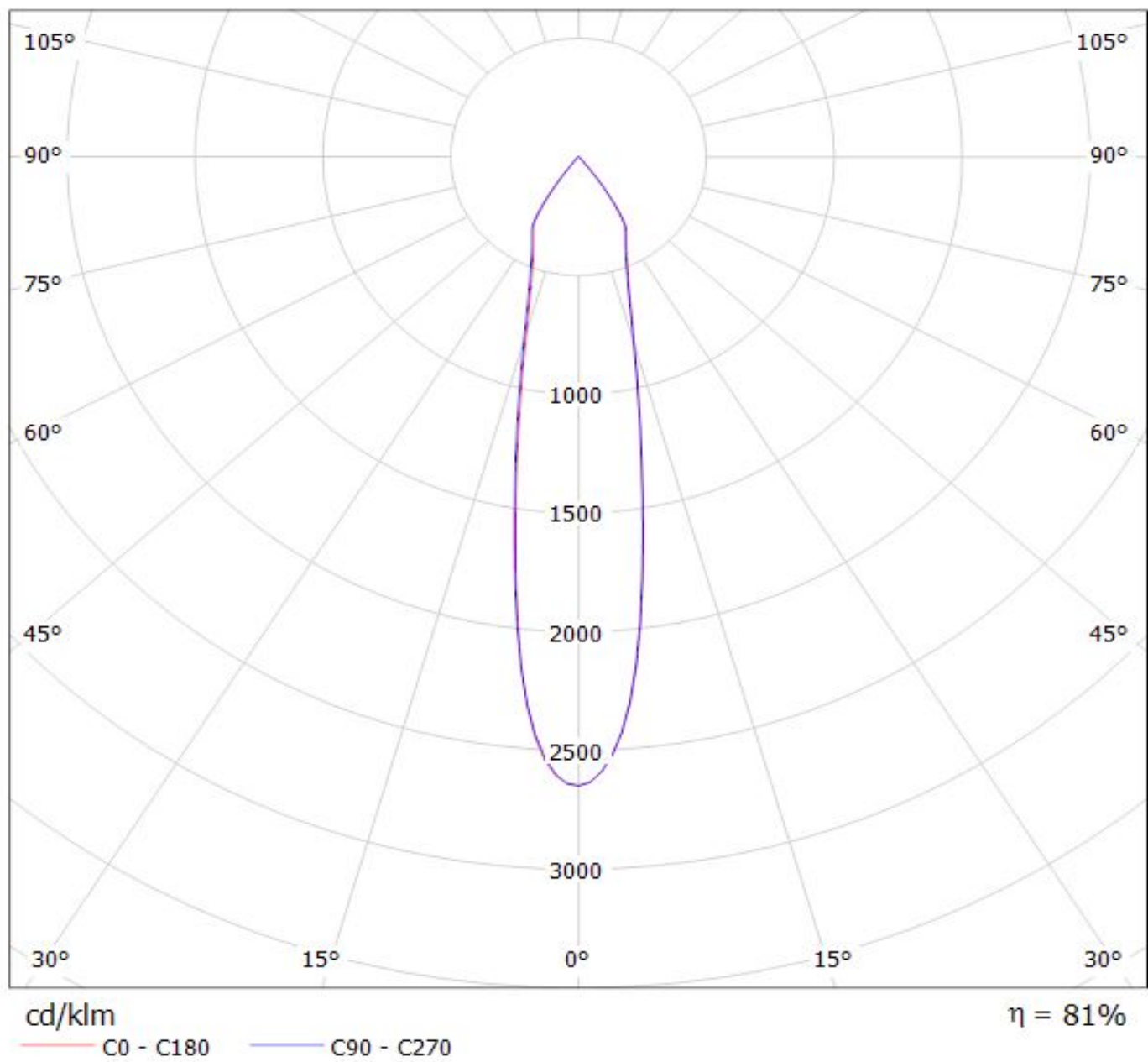
Luminaire: Ledil F13663_ANGELA-M-B_(CXB2540+_BJB_47.319.2140)
Lamps: 1 x CREE_CXB2540_(-40G-W4-N0H-00002)
+_BJB_47.319.2140_1412.99lm@250mA_CCT=40000K_P=8.1310W_I=0.25A



Luminaire: LEDiL Oy F13663_ANGELA-M-B_(CLL040) Eff.81.0%
Lamps: 1 x Citizen_CLL040_1011.32lm@250mA_P=8.24545W_I=249.9mA

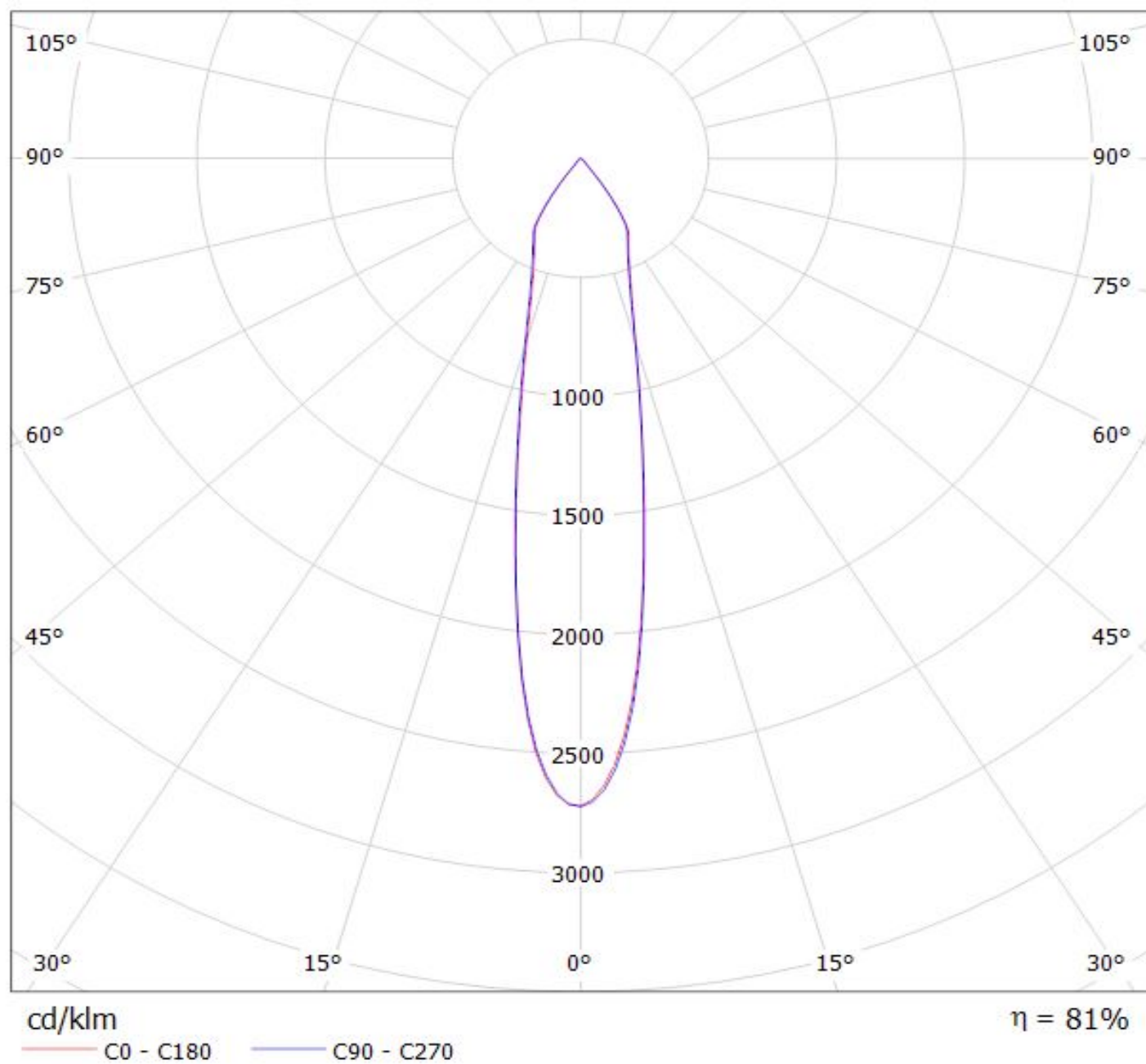


Luminaire: LEDiL Oy F13663_ANGELA-M-B_(CLU044)
Lamps: 1 x Citizen_CLU044_(CLU044-1212B8-303M1A2)_1300.9lm@250mA_P=8.14849W_I=249.9mA



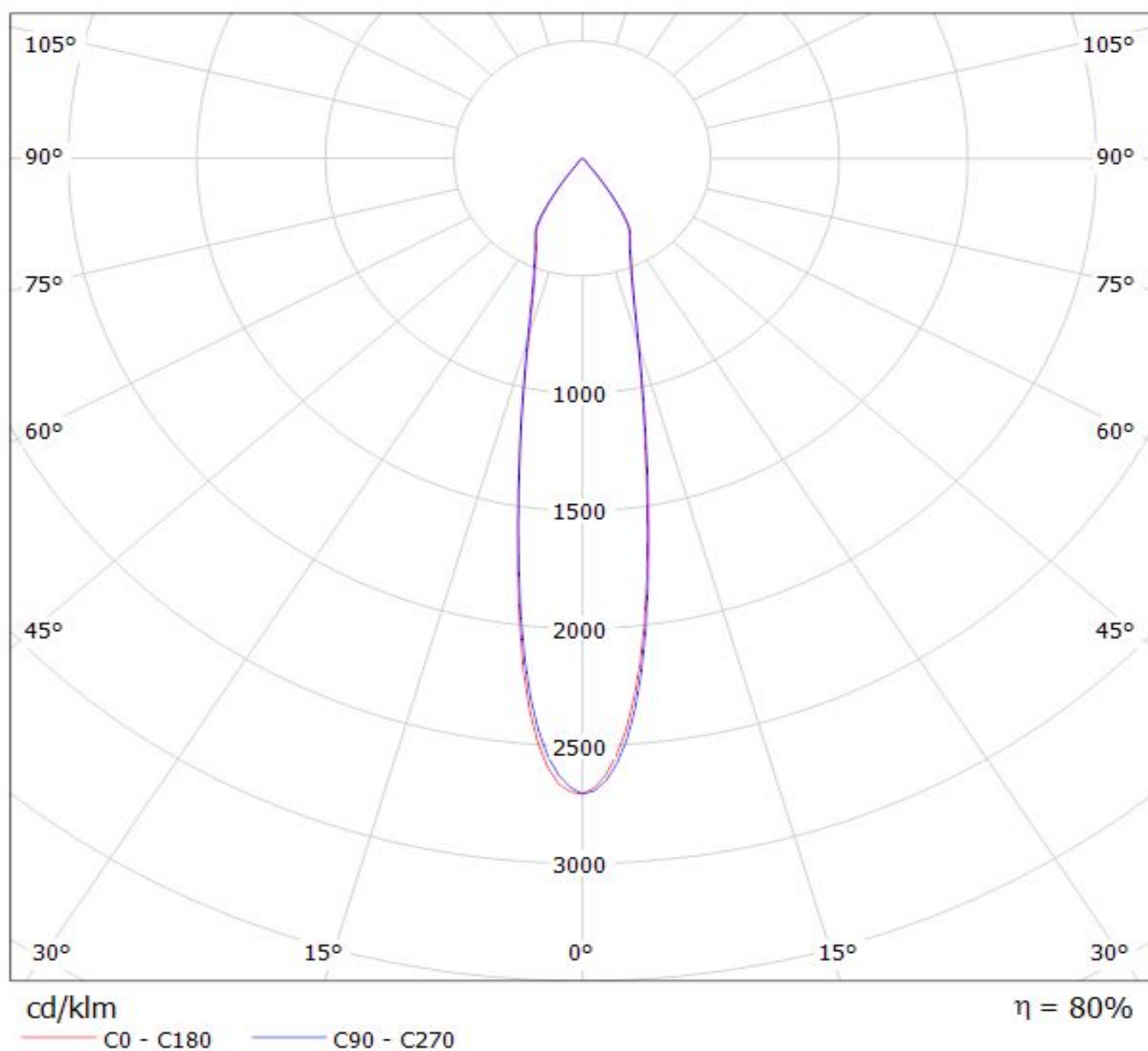
Luminaire: LEDiL Oy F13663_ANGELA-M-B_(ZC40)

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



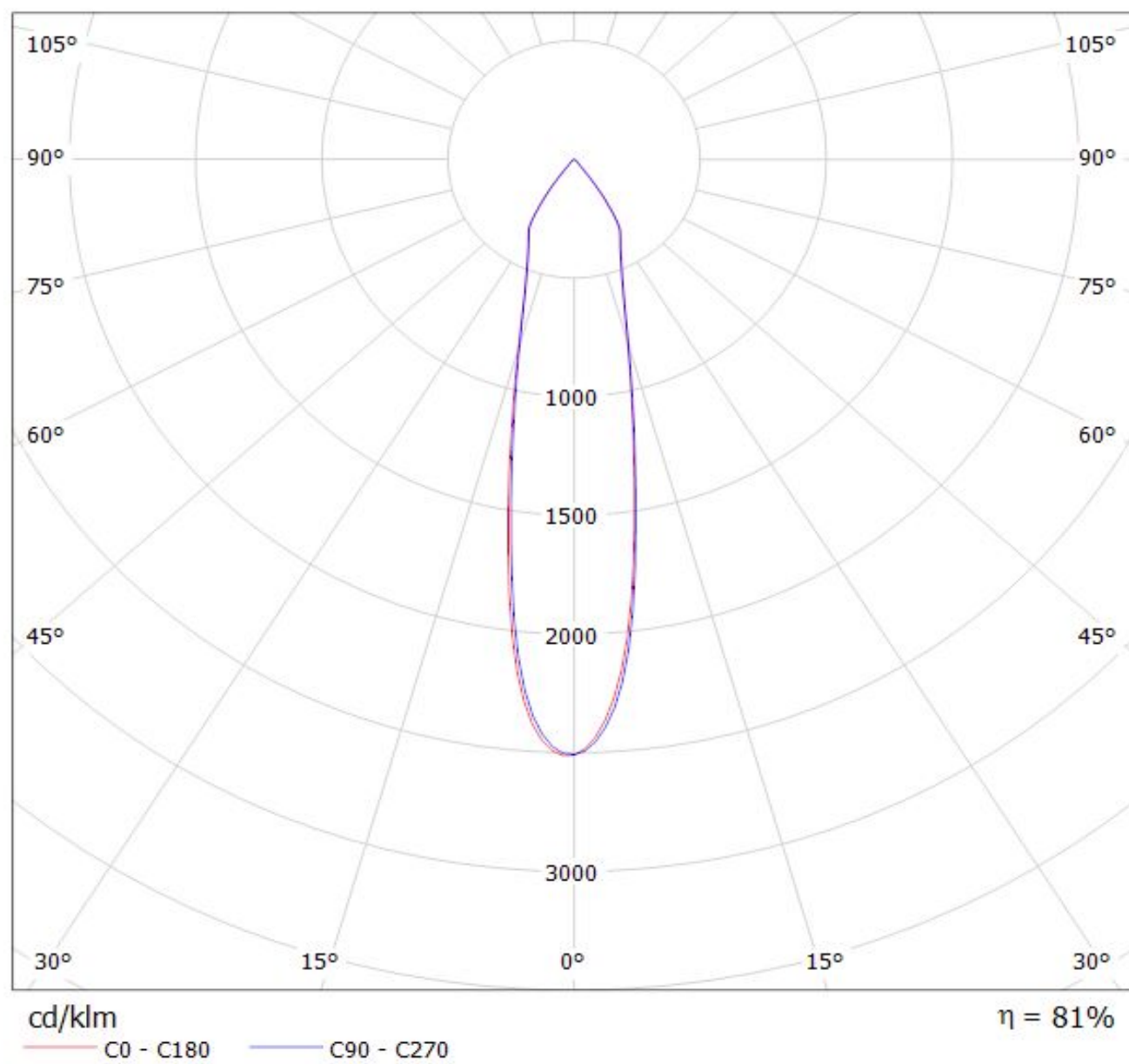
Luminaire: LEDiL Oy F13663_ANGELA-M-B_(CXA30)

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

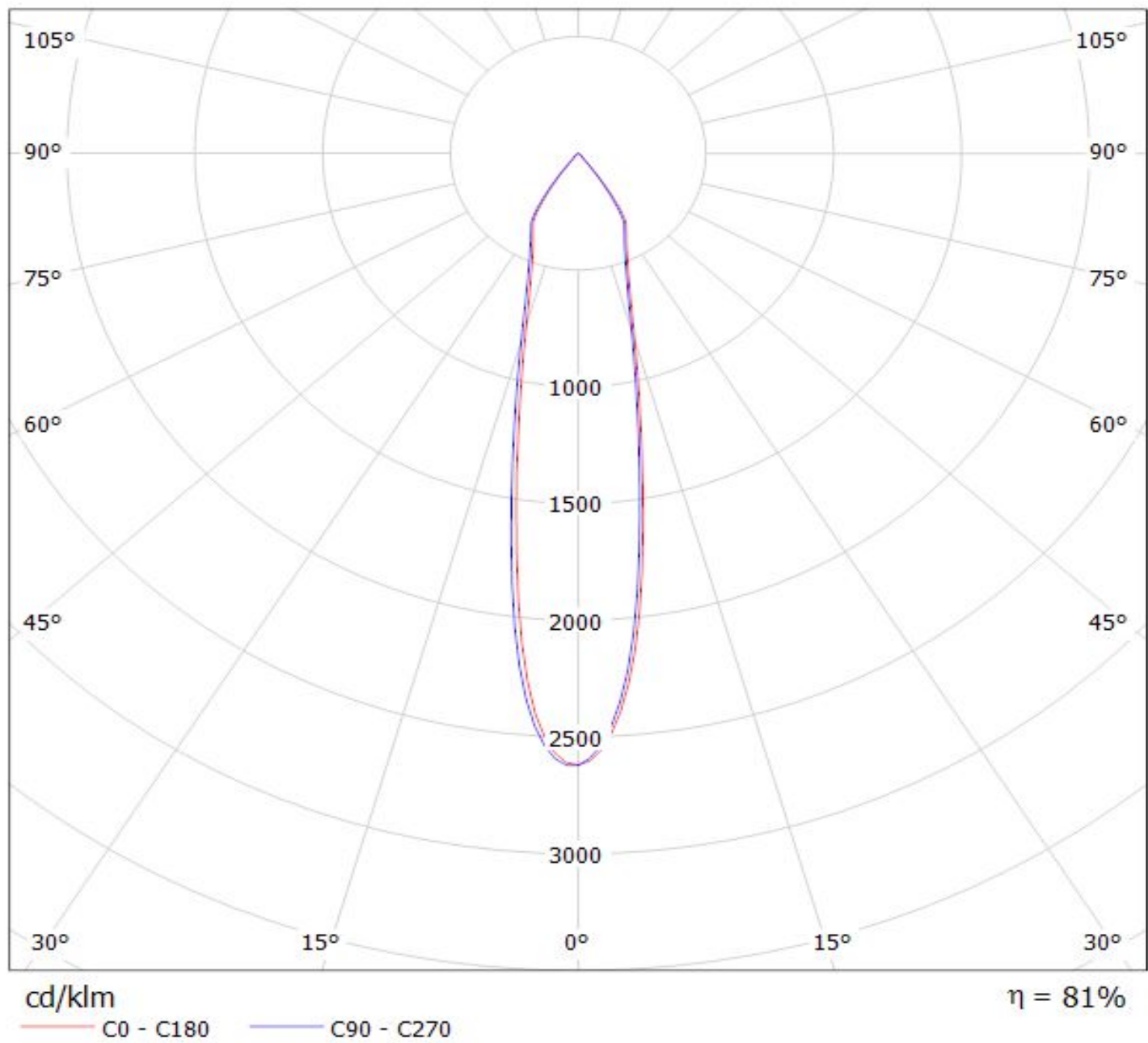


Luminaire: LEDiL Oy F13663_ANGELA-M-B_(CXM-22) Eff.80.7%

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

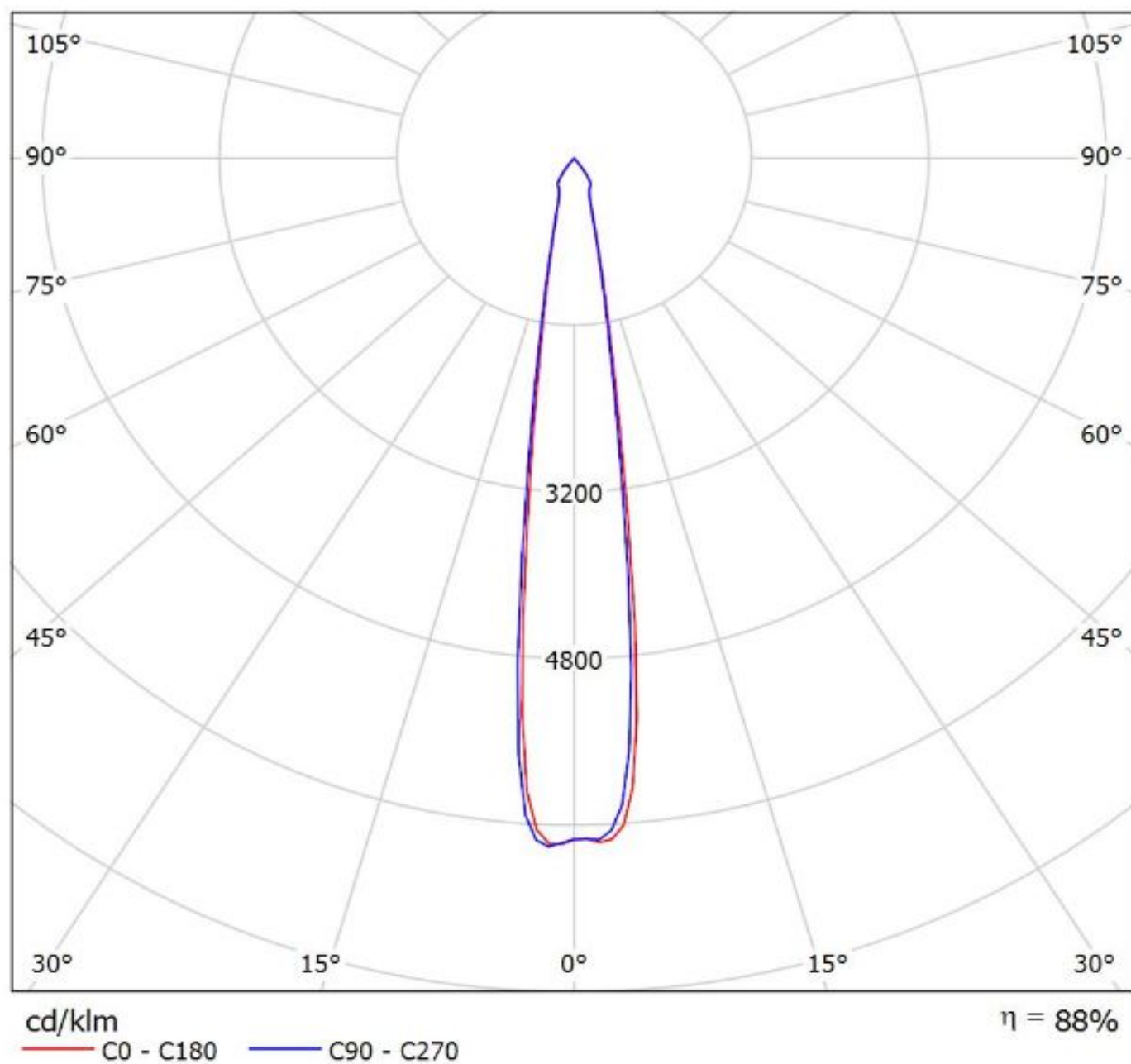


Luminaire: LEDiL Oy F13663_ANGELA-M-B_(COB_40W)
Lamps: 1 x LG_COB_40W_1163.31lm@250mA_CCT=3000K_P=8.04906W_I=249.8mA

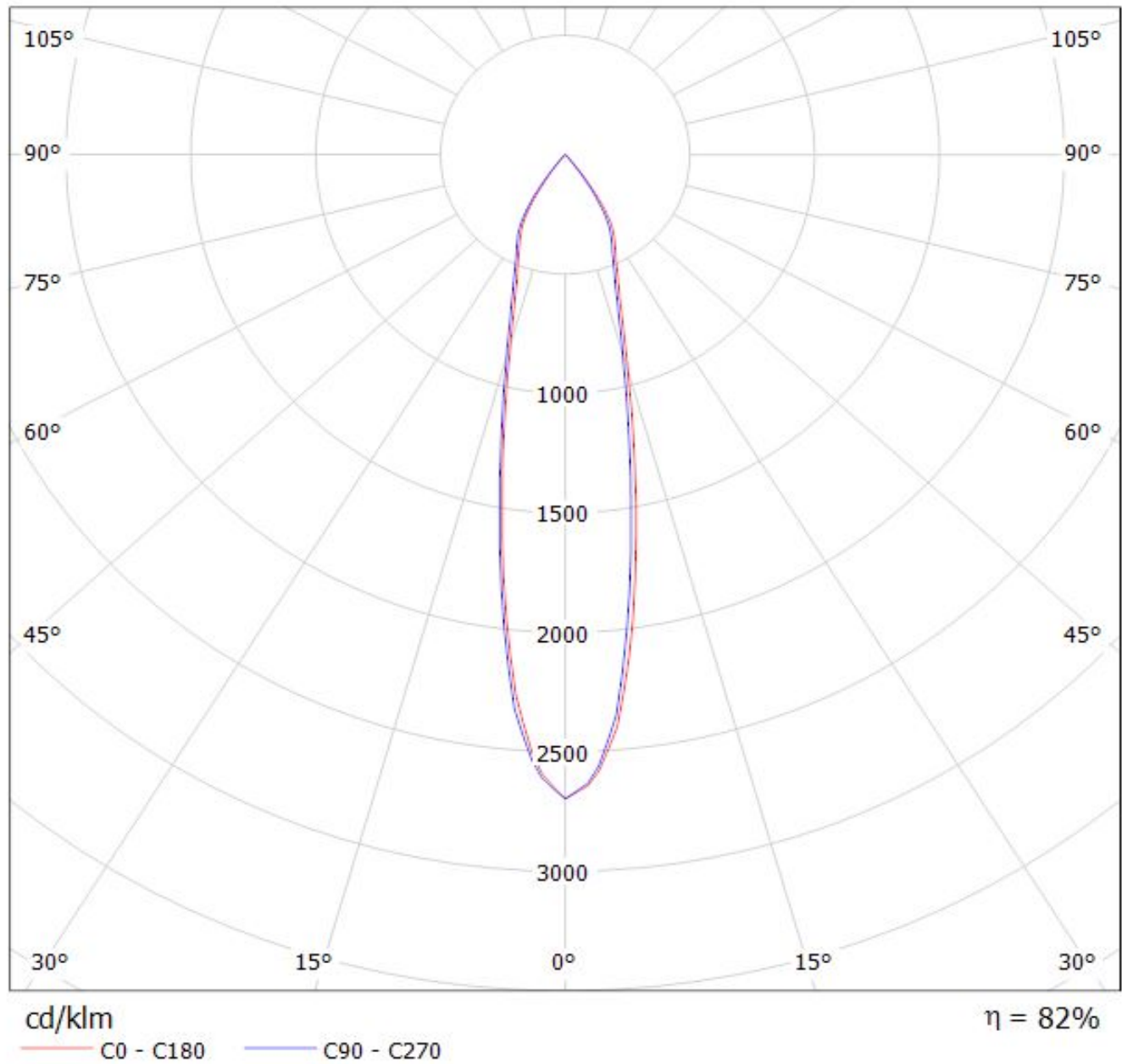


Luminaire: Ledil F13662_ANGELA-S-B_(CoB_1216)

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



Luminaire: Ledil Oy F13663_ANGELA-M-B_(ZC-40) Efficiency=81%
Lamps: 1 x Seoul ZC-40 (SBWW5F1B) 1153lm @ 250mA CCT= P=8.25W I=250mA



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.