

DETAILS

Product Number	F13379_ANGELA-S
Family	ANGELA
Type	Reflector
Color	metal
Diameter	119,5 mm
Height	74,27 mm
Style	round
Optic Material	PC
Holder Material	
Fastening	socket
Status	production ready
ROHS Compliant	Yes
Date Updated	6/03/2017



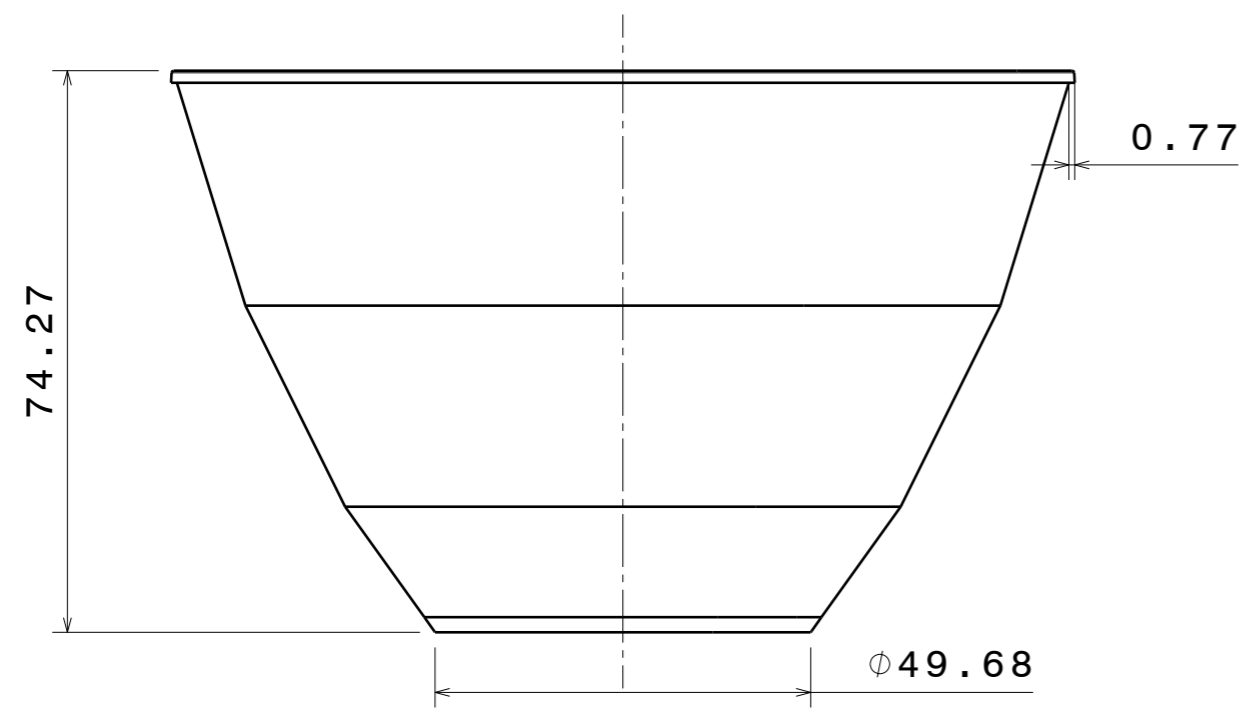
OPTICAL PROPERTIES

LED	Viewing Angle	Light Beam	Efficiency	cd/lm	Connector
V13 Gen7	9 deg	Spot	90 %	17.000	TE: 2213254-2 + OPTIC CLIP Z50 TYPE1 2213194-1
V22 Gen7	sim: 12	Spot	sim: 93 %	sim: 8.348	IDEAL: 50-2204-CT + 50-2100AN
V13 Gen7	sim: 11	Spot	sim: 90 %	sim: 11.520	IDEAL: 50-2103CT + 50-2100AN
CLL03x/CLU03x	9 deg	Spot	94 %	18.600	TE: 2213254-2 + OPTIC CLIP Z50 TYPE1 2213194-1
CLU720/721	7 deg	Spot	94 %	24.000	TE: 2213254-2 + OPTIC CLIP Z50 TYPE1 2213194-1
CLL03x/CLU03x	9 deg	Spot	88 %	14.000	IDEAL: 50-2103CT + 50-2100AN
CXA/B 1830	sim: 12	Spot	sim: 88 %	sim: 10.200	TE: 2213401-2 + OPTIC CLIP Z50 TYPE1 2213194-1
LUXEON CoB 1204/1205	sim: 10	Spot	sim: 92 %	sim: 20.700-	
LUXEON CoB 1208	10 deg	Spot	94 %	15.850	TE: 2213130-2 + OPTIC CLIP Z50 TYPE1 2213194-1
LUXEON CoB 1204/1205	8 deg	Spot	94 %	19.940	TE: 2213130-2 + OPTIC CLIP Z50 TYPE1 2213194-1
LUXEON CoB 1208	9 deg	Spot	89 %	13.000	IDEAL: 50-2100SH + 50-2100AN
LUXEON CoB 1208	12 deg	Spot	88 %	8.600	IDEAL: 50-2204-CT + 50-2100AN
CXM-14	9 deg	Spot	94 %	19.000	TE: 2213254-2 + OPTIC CLIP Z50 TYPE1 2213194-1
COB L-Type (LES 11)	8 deg	Spot	94 %	24.000	Molex: 180580-0005
COB J-Type	9 deg	Spot	91 %	12.700	IDEAL: 50-2103NC + 50-2100AN
PrevaLED Core Z3 LES9	6 deg	Spot	94 %	36.000	TE: OPTIC CLIP Z50 TYPE1 2213194-1
PrevaLED Core Z3 LES19	10 deg	Spot	93 %	13.000	TE: OPTIC CLIP Z50 TYPE1 2213194-1
PrevaLED Core Z3 LES23	13 deg	Spot	93 %	8.790	TE: OPTIC CLIP Z50 TYPE1 2213194-1
PrevaLED Core AC (LEP-800)	8 deg	Spot	94 %	19.800	TE: OPTIC CLIP Z50 TYPE1 2213194-1
PrevaLED Core AC (LEP-2000)	11 deg	Spot	92 %	11.200	TE: OPTIC CLIP Z50 TYPE1 2213194-1
Soleriq S13	8 deg	Spot	94 %	22.000	TE: 2213401-2 + OPTIC CLIP Z50 TYPE1 2213194-1
Soleriq S19	10 deg	Spot	94 %	13.500	TE: 2213407-2 + OPTIC CLIP Z50 TYPE1 2213194-1
PrevaLED Core Z4 LES19	10 deg	Spot	93 %	13.300	TE: OPTIC CLIP Z50 TYPE1 2213194-1
Soleriq P13	8.7 deg	Spot	93 %	18.370	TE: 2213401-2 + OPTIC CLIP Z50 TYPE1 2213194-1
Soleriq S15	sim: 10	Spot	sim: 90 %	sim: 14.300	TE: 2213254-2 + OPTIC CLIP Z50 TYPE1 2213194-1

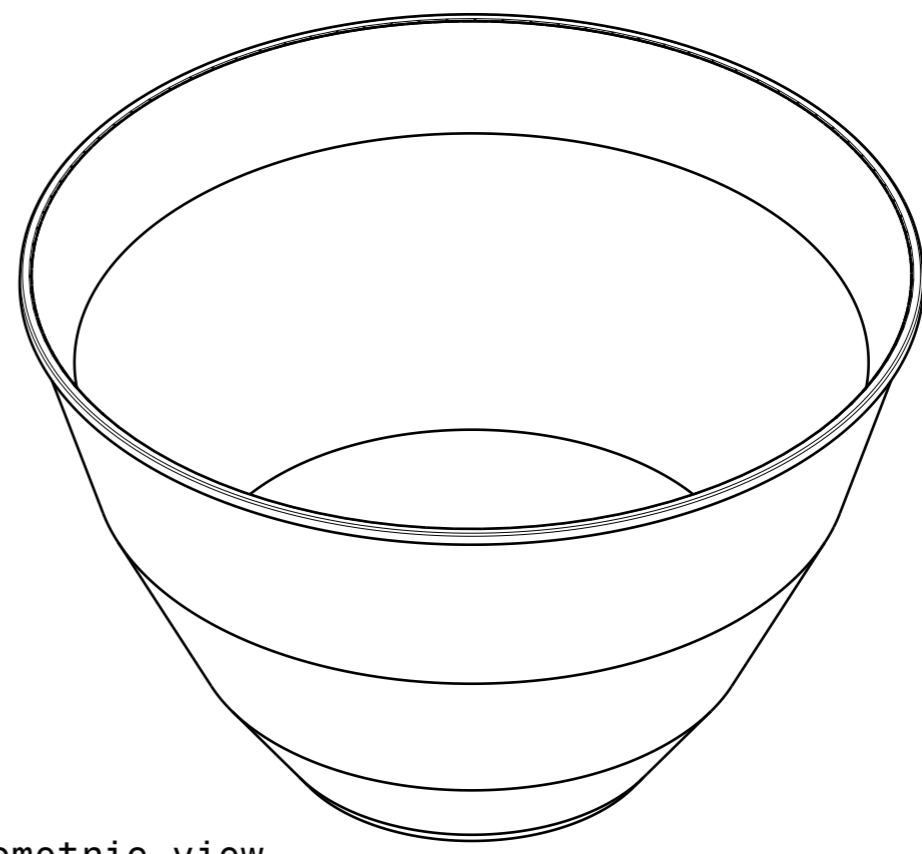
OPTICAL PROPERTIES

LED	Viewing Angle	Light Beam	Efficiency	cd/lm	Connector
Fortimo LED SLM L13 G4 standard	8 deg	Spot	92 %	19.000	TE: OPTIC CLIP Z50 TYPE1 2213194-1
Fortimo LED SLM L15 G4 standard	9.7 deg	Spot	92 %	14.500	TE: OPTIC CLIP Z50 TYPE1 2213194-1
Fortimo LED SLM L19 G4 standard	12 deg	Spot	91 %	9.300	TE: OPTIC CLIP Z50 TYPE1 2213194-1
Fortimo SLM G5 LES 9 Standard	7 deg	Spot	91 %	30.600	TE: OPTIC CLIP Z50 TYPE1 2213194-1
Fortimo SLM G5 LES 15 Standard	10 deg	Spot	89 %	13.900	TE: OPTIC CLIP Z50 TYPE1 2213194-1
Fortimo SLM G5 LES 19 Standard	13 deg	Spot	88 %	9.000	TE: OPTIC CLIP Z50 TYPE1 2213194-1
Fortimo SLM G5 LES 13 Standard	8.5 deg	Spot	91 %	17.800	TE: OPTIC CLIP Z50 TYPE1 2213194-1
Fortimo SLM 1211 L19 G6 Standard	12 deg	Spot	89 %	9.000	TE: OPTIC CLIP Z50 TYPE1 2213194-1
LC026B/LC040B	11 deg	Spot	93 %	11.750	TE: 2213258-2 + OPTIC CLIP Z50 TYPE1 2213194-1
LC040C	7 deg	Spot	89 %	23.000	TE: 2213382-2 + OPTIC CLIP Z50 TYPE1 2213194-1
MJT COB LES 14.5	10 deg	Spot	88 %	12.600	TE: 2213254-2 + OPTIC CLIP Z50 TYPE1 2213194-1
STARK SLE G3 LES19	11 deg	Spot	93 %	20.700	TE: OPTIC CLIP Z50 TYPE1 2213194-1
STARK SLE G3 LES23	14 deg	Spot	93 %	8.000	TE: OPTIC CLIP Z50 TYPE1 2213194-1
SLE G4 LES23 H	13 deg	Spot	92 %	8.100	TE: OPTIC CLIP Z50 TYPE1 2213194-1
SLE G4 LES19 H	11 deg	Spot	91 %	12.000	TE: OPTIC CLIP Z50 TYPE1 2213194-1
SLE G5 LES15	8,5 deg	Spot	91 %	18.500	TE: 2213254-2 + OPTIC CLIP Z50 TYPE1 2213194-1
SLE G5 LES19 H	11 deg	Spot	87 %	12.000	TE: OPTIC CLIP Z50 TYPE1 2213194-1
SLE G5 LES23 H	14 deg	Spot	86 %	7.500	TE: OPTIC CLIP Z50 TYPE1 2213194-1
SLE G6 LES15	sim: 8,9	Spot	sim: 89 %	sim: 18.300	TE: 2213254-2 + OPTIC CLIP Z50 TYPE1 2213194-1
SLE G6 LES17	sim: 13	Spot	sim: 91 %	sim: 10.310	TE: 2213254-2 + OPTIC CLIP Z50 TYPE1 2213194-1
WU-M-461	9 deg	Spot	93 %	18.000	TE: OPTIC CLIP Z50 TYPE1 2213194-1
WU-M-462	13 deg	Spot	92 %	9.680	TE: OPTIC CLIP Z50 TYPE1 2213194-1
WU-M-464	12 deg	Spot	92 %	9.910	TE: OPTIC CLIP Z50 TYPE1 2213194-1
WU-M-484	9 deg	Spot	93 %	17.900	TE: OPTIC CLIP Z50 TYPE1 2213194-1
WU-M-485	13 deg	Spot	93 %	9.530	TE: OPTIC CLIP Z50 TYPE1 2213194-1
WU-M-486	13 deg	Spot	93 %	9.600	TE: OPTIC CLIP Z50 TYPE1 2213194-1

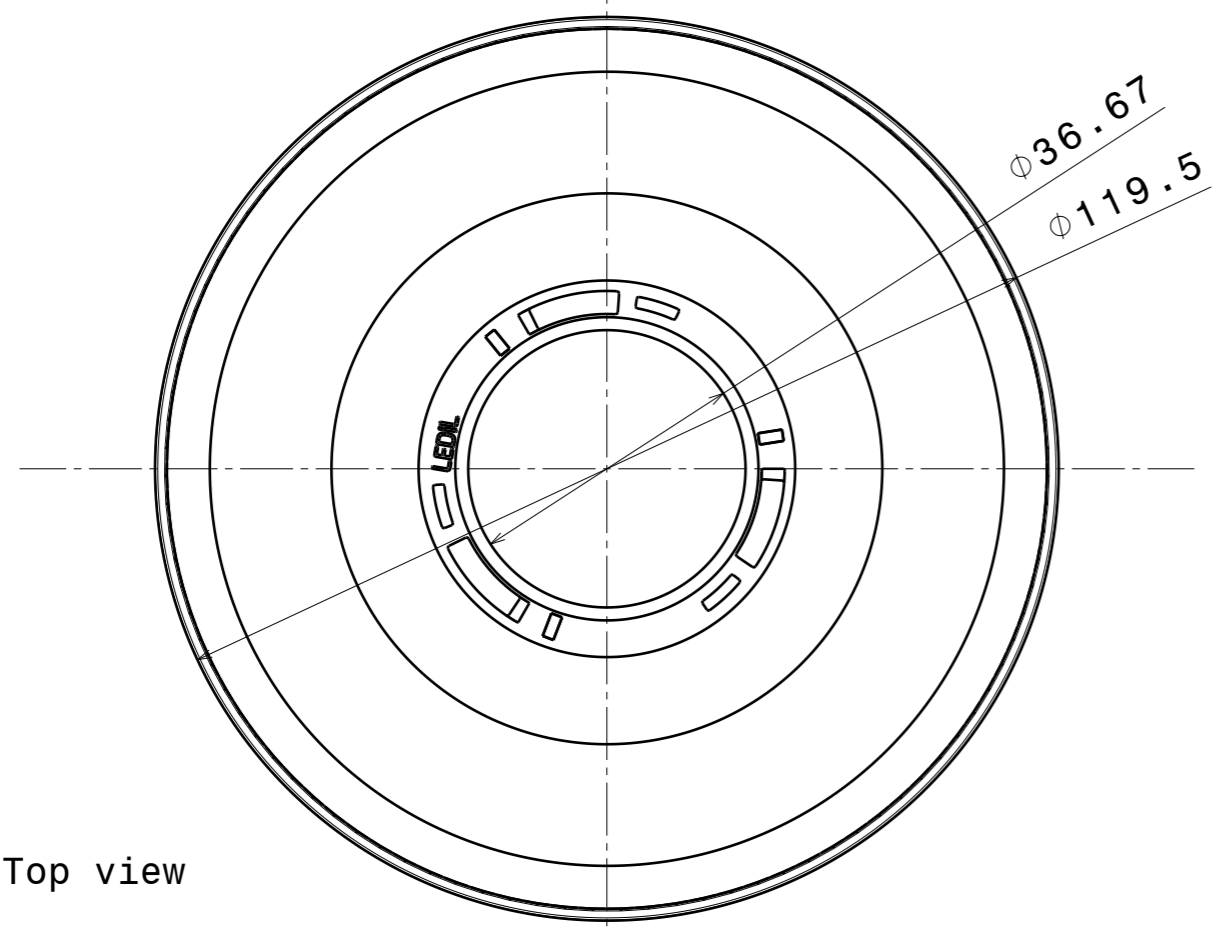
H G F E D C B A



Front view



Isometric view



Top view

INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	F13379	Angela-S	PC	metal

Tolerances if not otherwise shown
 According to DIN ISO 2768-1
 Linear measures: class C
 According to DIN ISO 2768-2
 Form and position: class L

LEDiL LediL Oy
 Salorankatu 10
 FIN 24240 SALO
 Finland

THIRD ANGLE PROJECTION:

DRAWING TITLE
F13379_Angela-S

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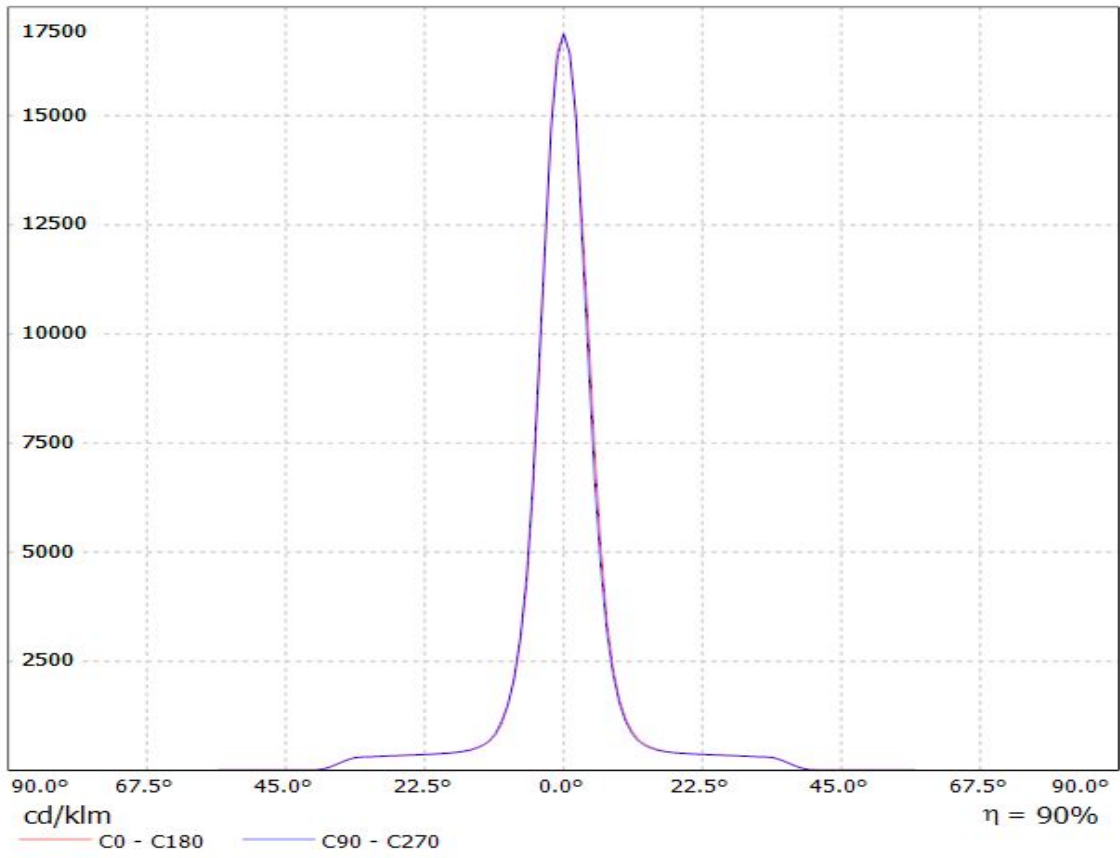
SIZE	PART NUMBER
A3	F13379

SCALE	1:1	WEIGHT	78,76 g	SHEET	1/1
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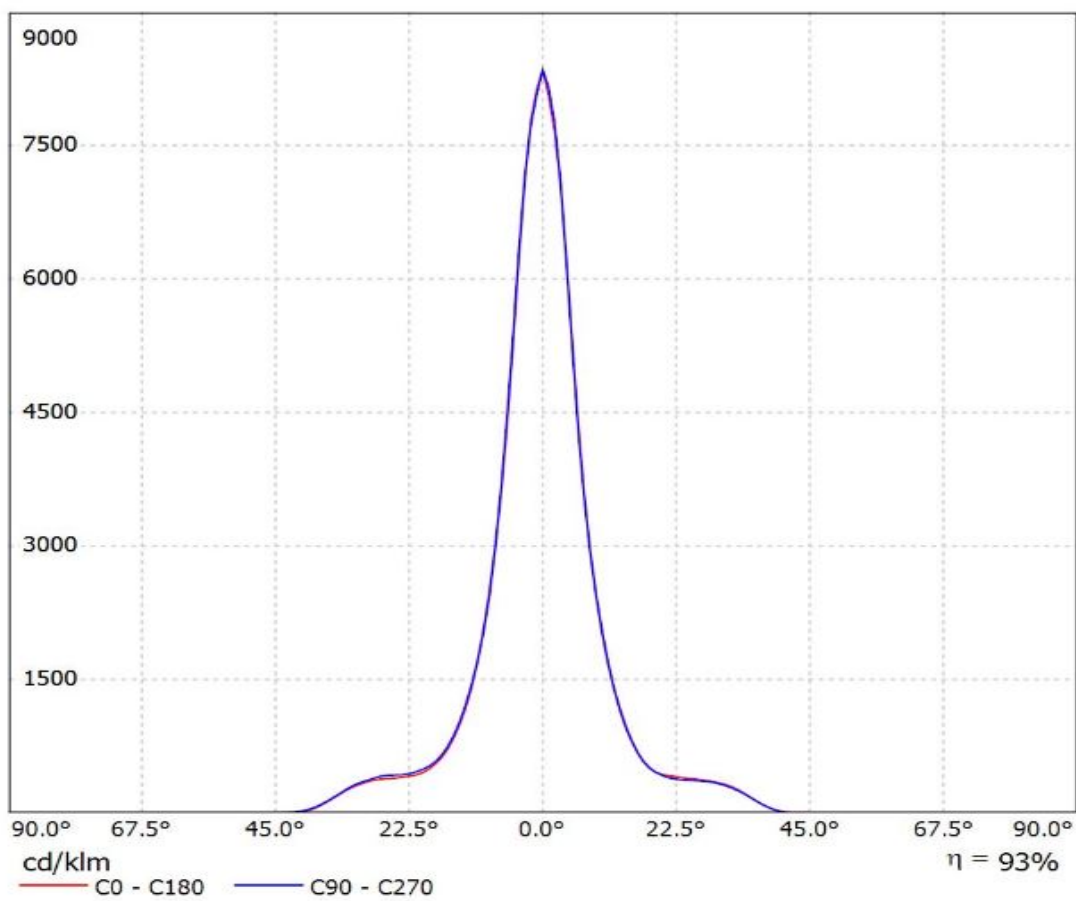
H G F E D C B A

Luminaire: LEDiL Oy F13379_ANGELA-S (V13_Gen7)+TE

Lamps: 1 x Bridgelux_V13_Gen7_(BXRE-30E2000-B_+TE_2213254-2+TE_2213194-1)_1295.55lm@250mA_P=8.30985W_I=0.25A

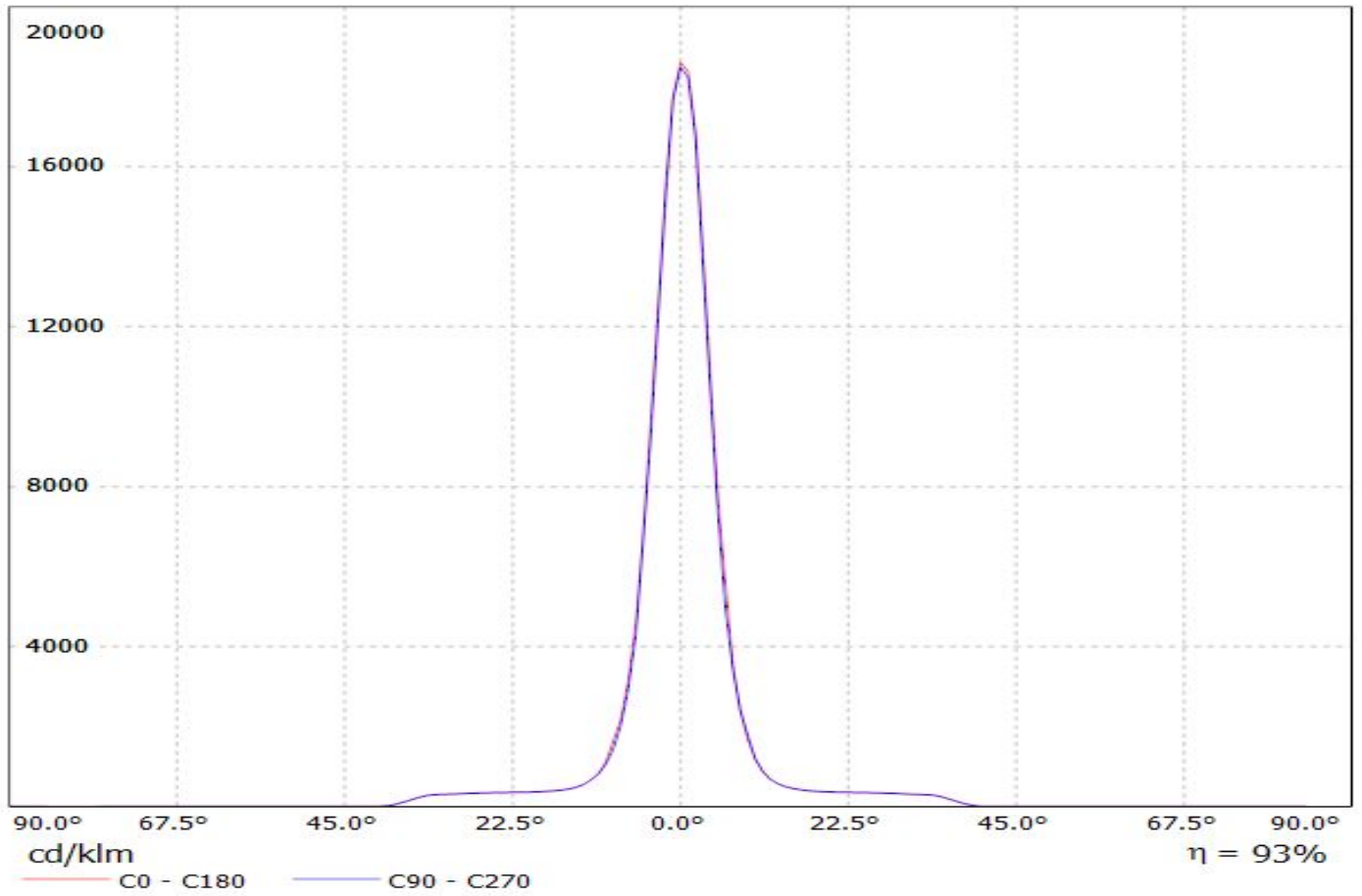


Luminaire: Ledil Oy F13379_ANGELA-S_Bridgelux_V22_Gen7_SIMULATED F13379_ANGELA-S_Bridgelux_V22_Gen7_SIMULATED
Lamps: 1 x F13379_ANGELA-S_Bridgelux_V22_Gen7_SIMULATED



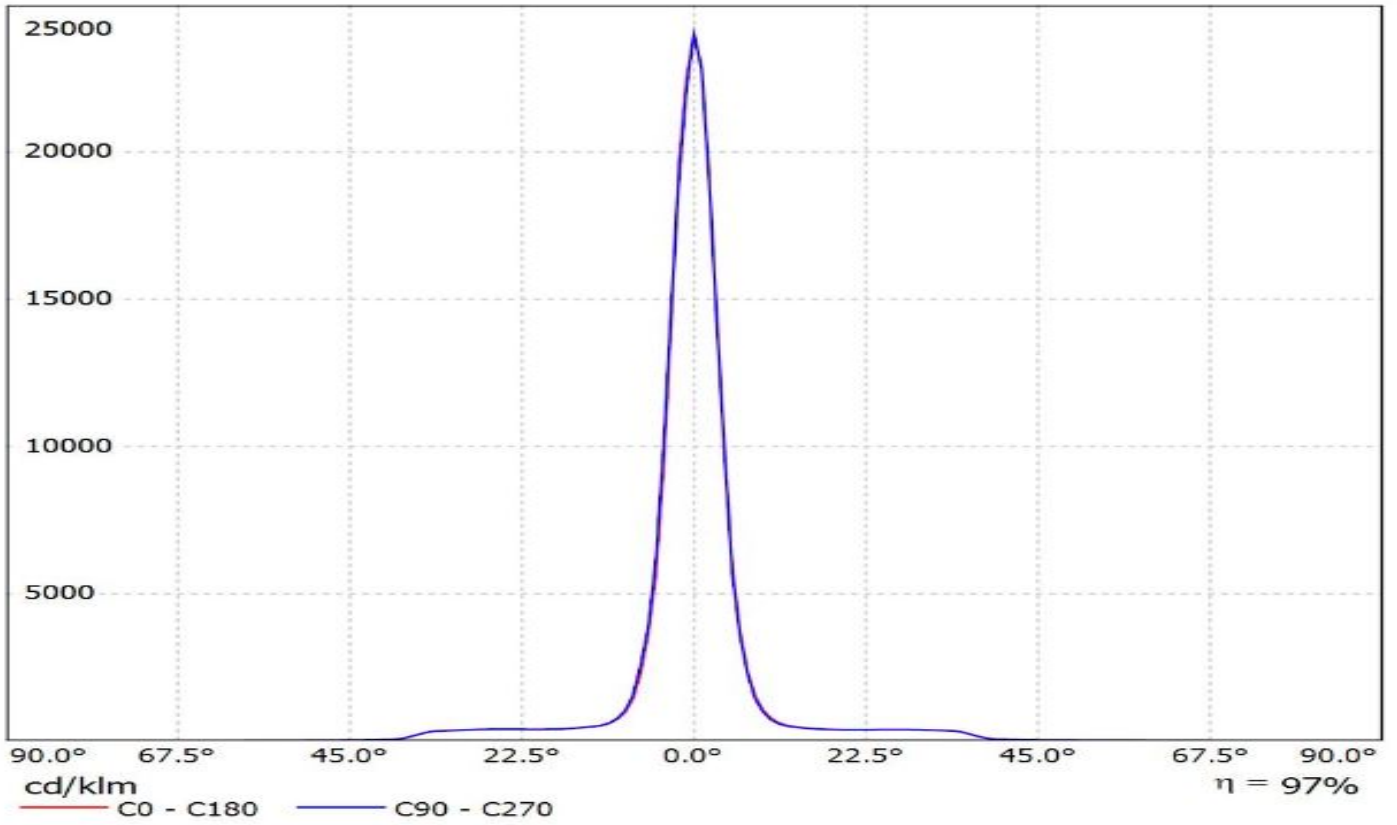
Luminaire: LEDiL Oy F13379_ANGELA-S_(CLL030) Eff.93.7%

Lamps: 1 x CITIZEN_CLL030_(CLL030-1206A1-303M1A2)_982.337lm@250mA_P=8.39814W_I=249.9mA

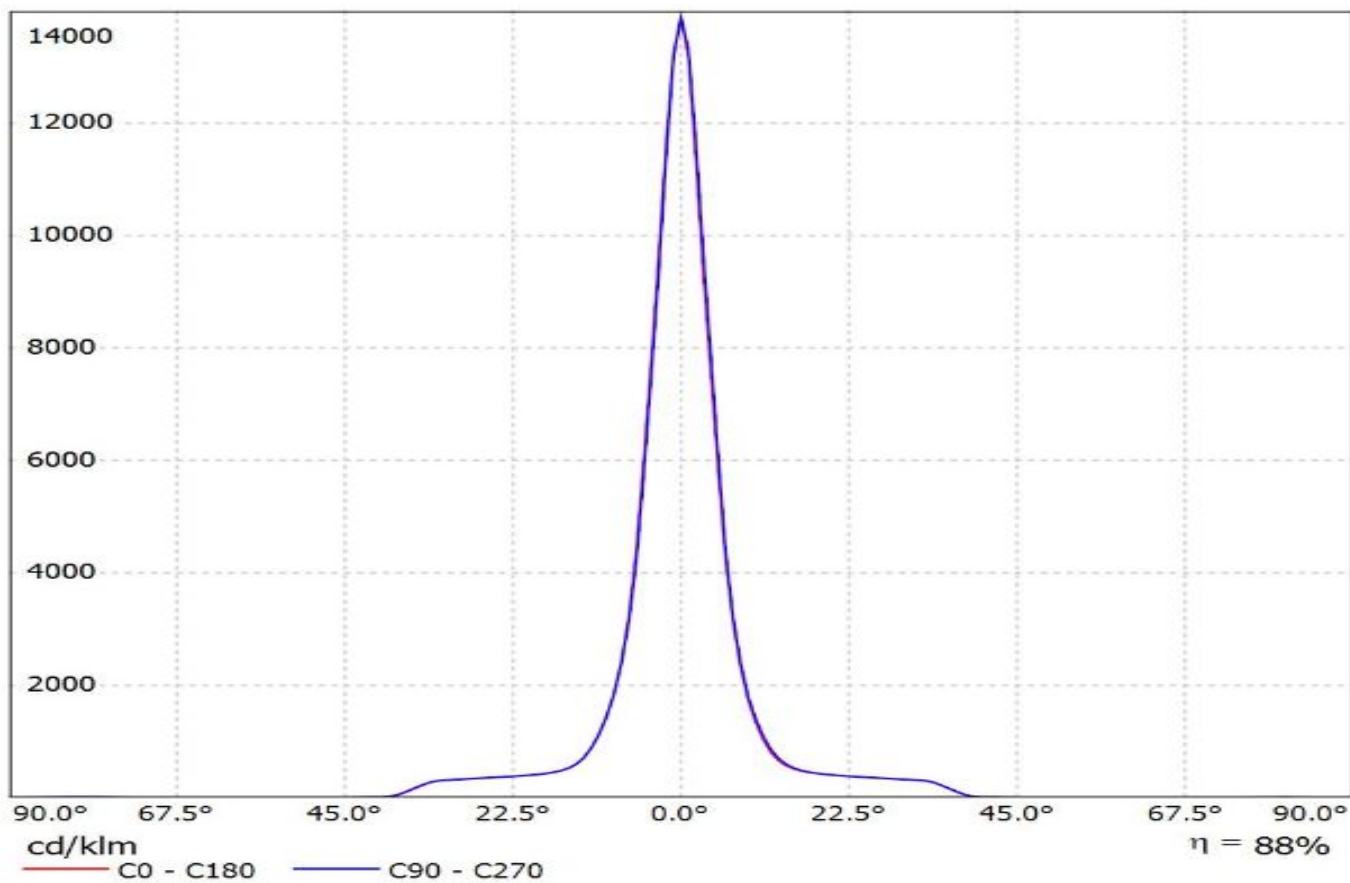


Ledil F13379_ANGELA-S_(CLU720) / LDC (Linear)

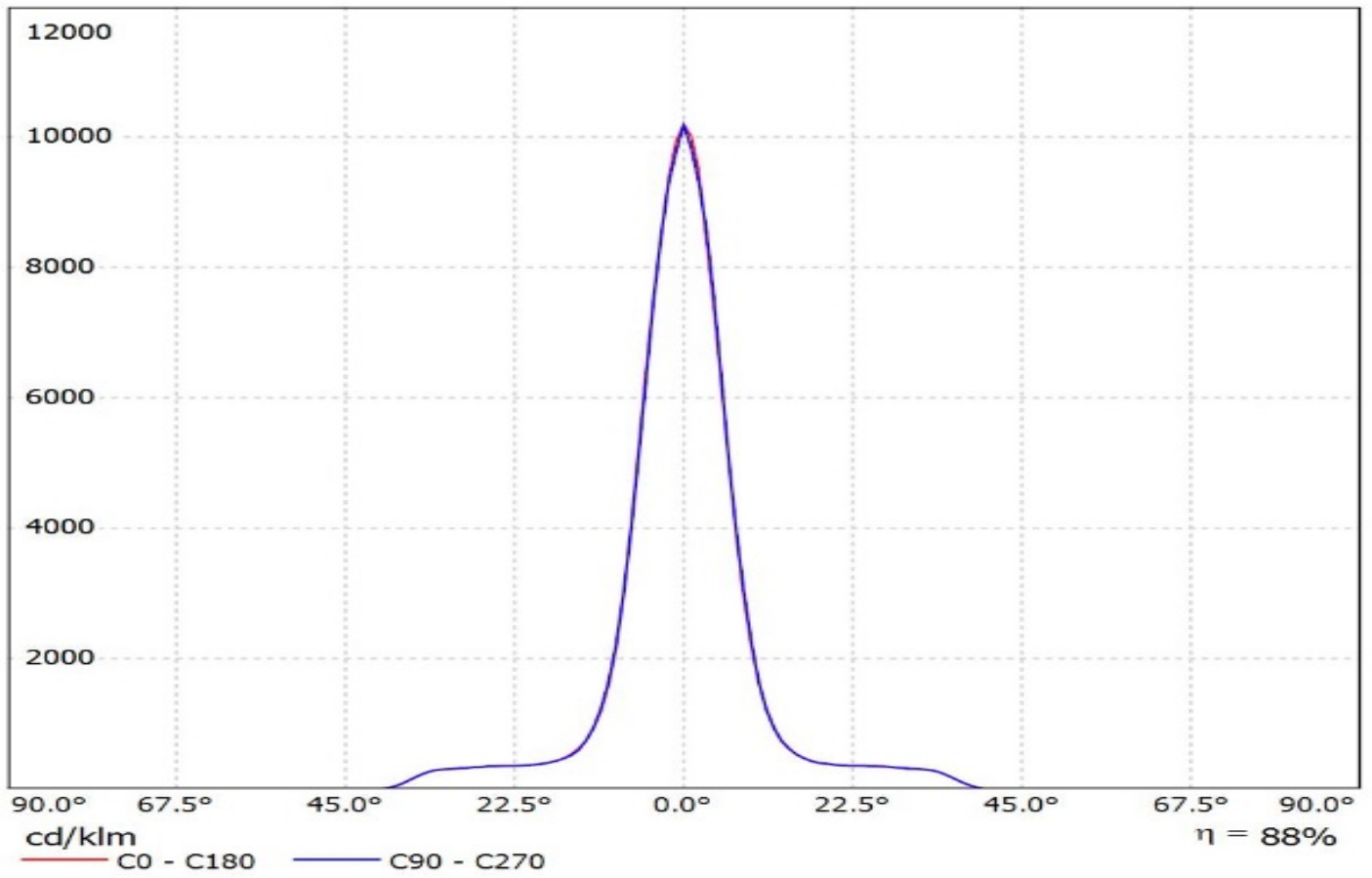
Luminaire: Ledil F13379_ANGELA-S_(CLU720)
Lamps: 1 x CITIZEN_CLU720_(CLU720-1206B8-273M2)
_1344.79lm@250mA_CCT=2700K_P=8.35W_I=0.25A



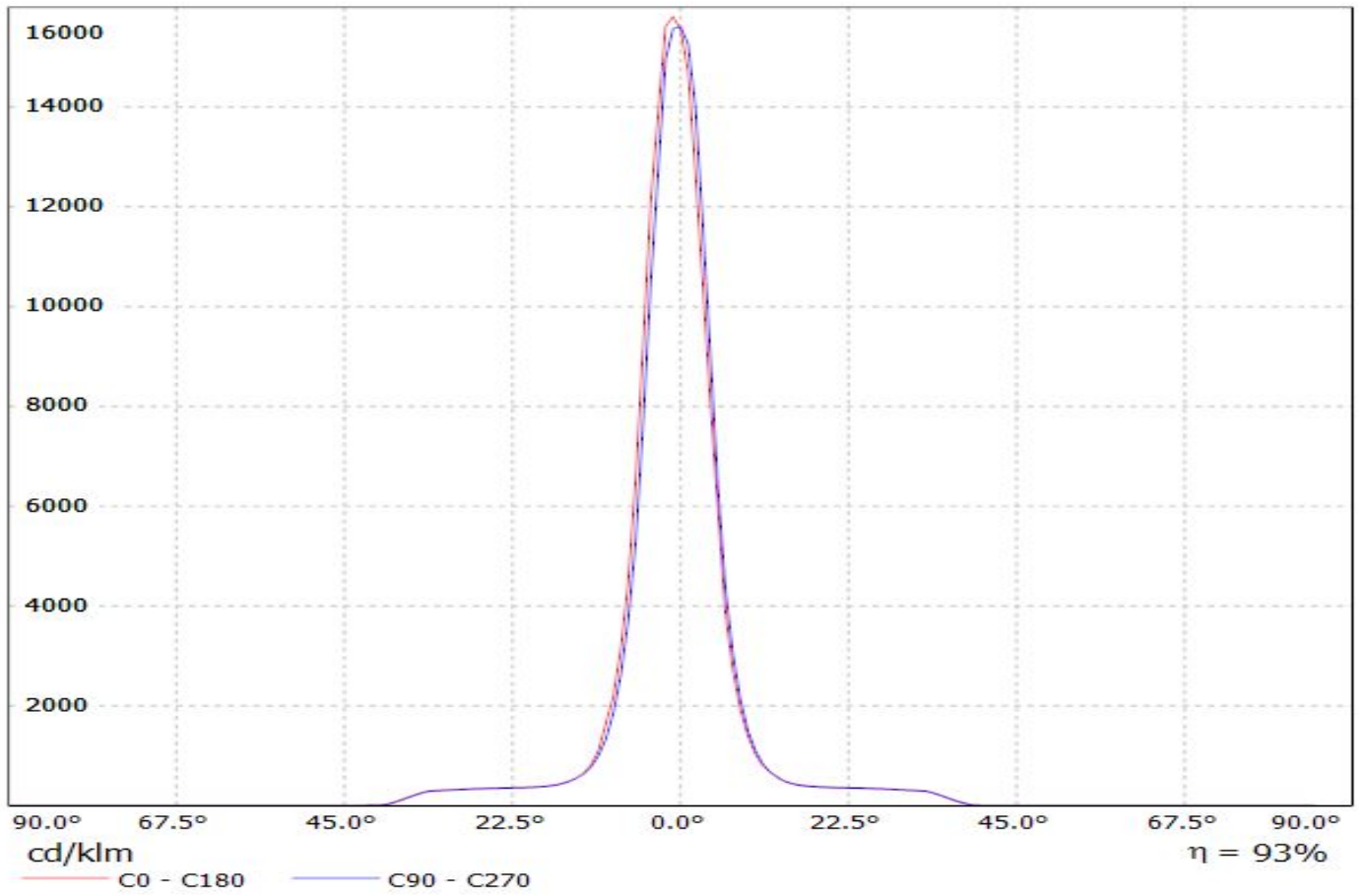
Luminaire: Ledil F13379_ANGELA-S_(CLU036+IDEAL)
Lamps: 1 x CITIZEN_CLU036_(-1208C1-303M2G2)_IDEAL_50-2103CT+50-2100AN_1299.86lm@250mA_CCT=3000K_P=8.249W_I=0.25A



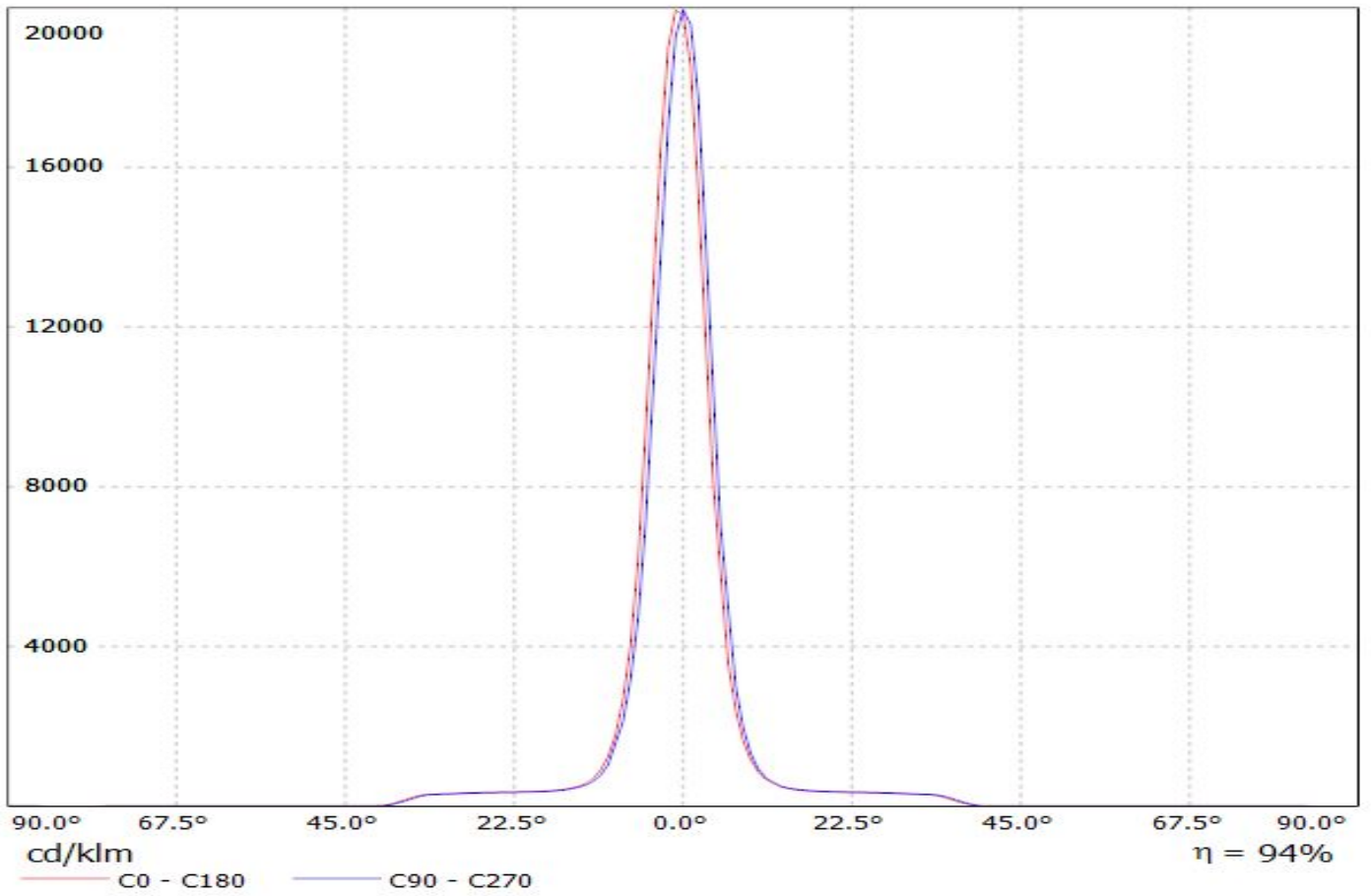
Luminaire: Ledil Oy F13379_ANGELA-S_(CXB1830)_ (Lumawise_Z50_STD_Profile_1818_2213401-2+Optic_Clip_2213194-1)_SIMULATED
Lamps: 1 x Cree CXB1830 + Tyco Electronics 2213401-2 + TE Optic clip 2213194-1



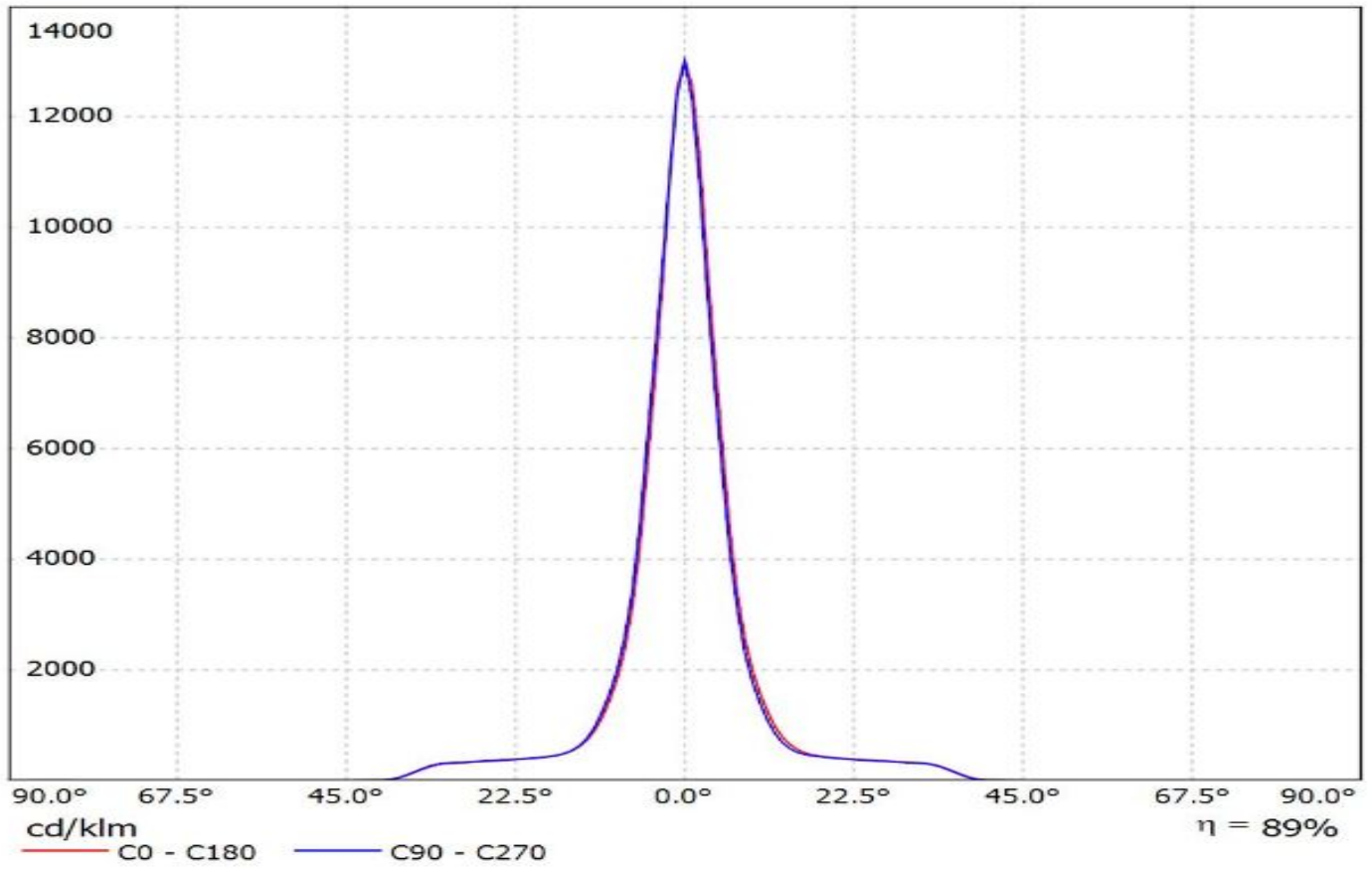
Luminaire: LEDiL Oy F13379_ANGELA-S_(COB_1208) Eff.93.7%
Lamps: 1 x Luxeon_COB_1208_1028.07lm@250mA_P=8.23995W_I=249.9mA



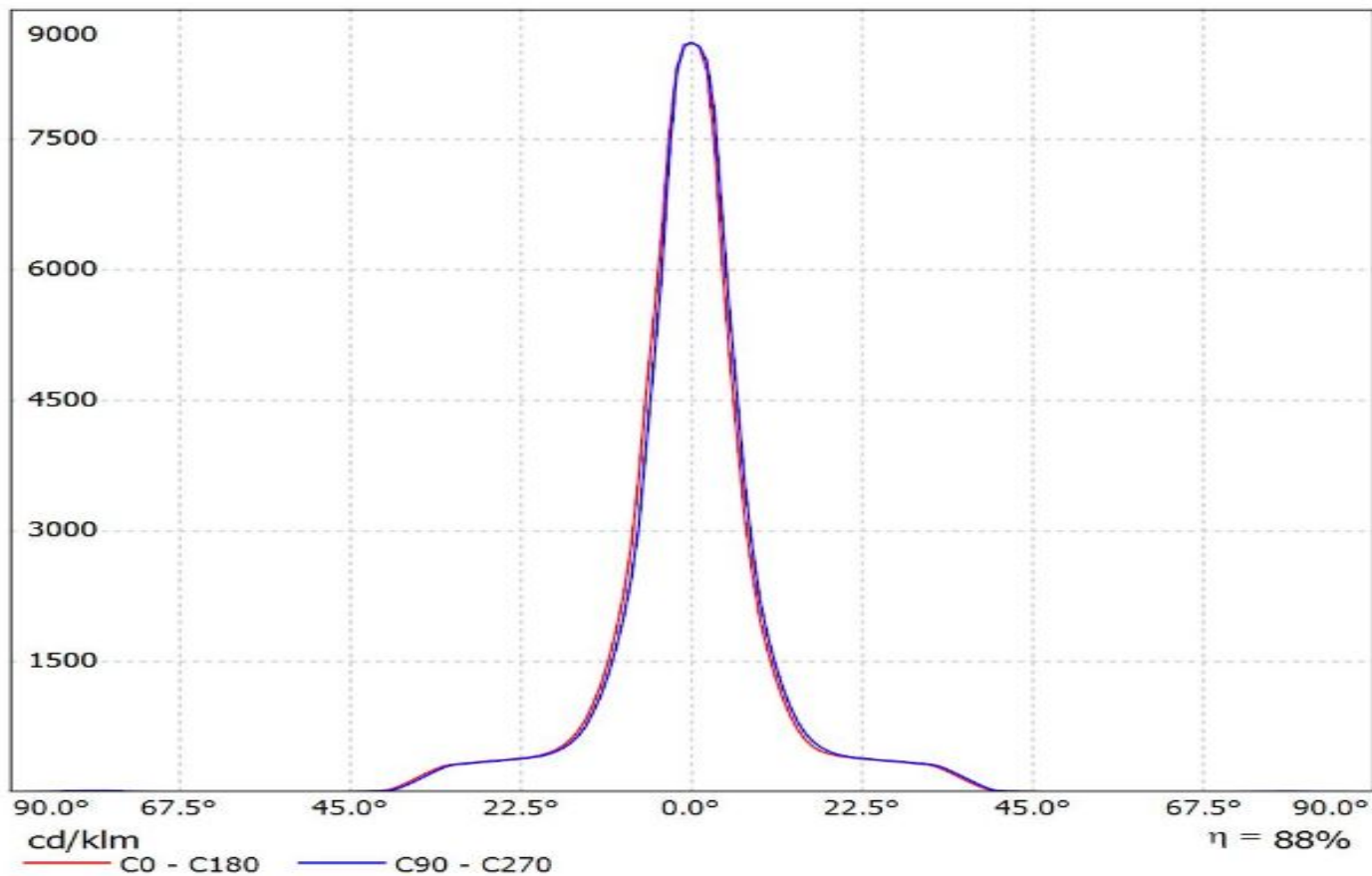
Luminaire: LEDiL Oy F13379_ANGELA-S_(COB_1205) Eff.94.0%
Lamps: 1 x Luxeon_COB_1205_1092.75lm@250mA_P=8.33092W_I=249.9mA



Luminaire: Ledil F13379_ANGELA-S_(CoB1208+IDEAL)
Lamps: 1 x Luxeon_CoB1208_+_50-2100SH+50-2100AN_1062.11lm@250mA_CCT=3000K_P=8.3007W_I=0.25A

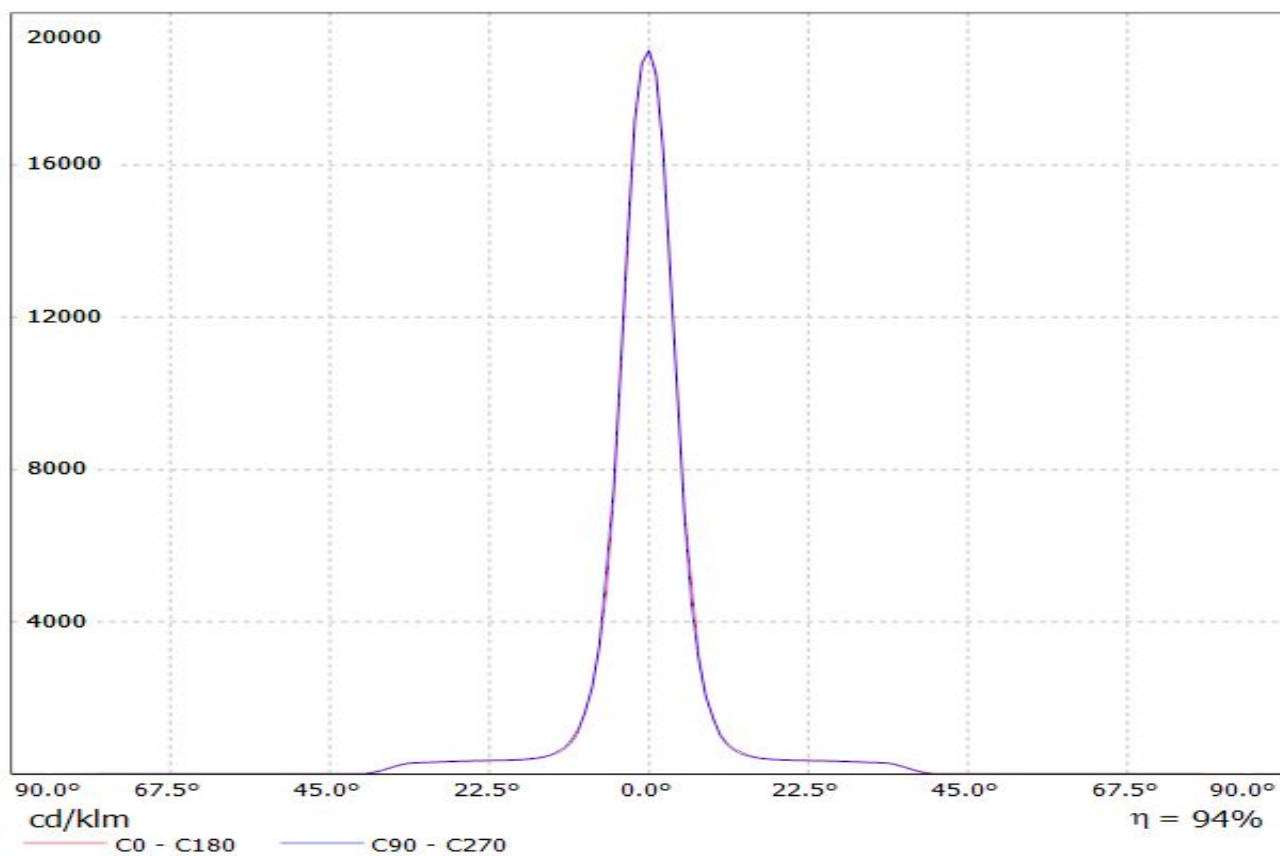


Luminaire: Ledil F13379_ANGELA-S_(CoB1211+IDEAL)
Lamps: 1 x Luxeon_CoB1211_(L2C2-4080)_50-2204CT+50-2100AN_1376.18lm@250mA_P=7.9988W_I=0.25A

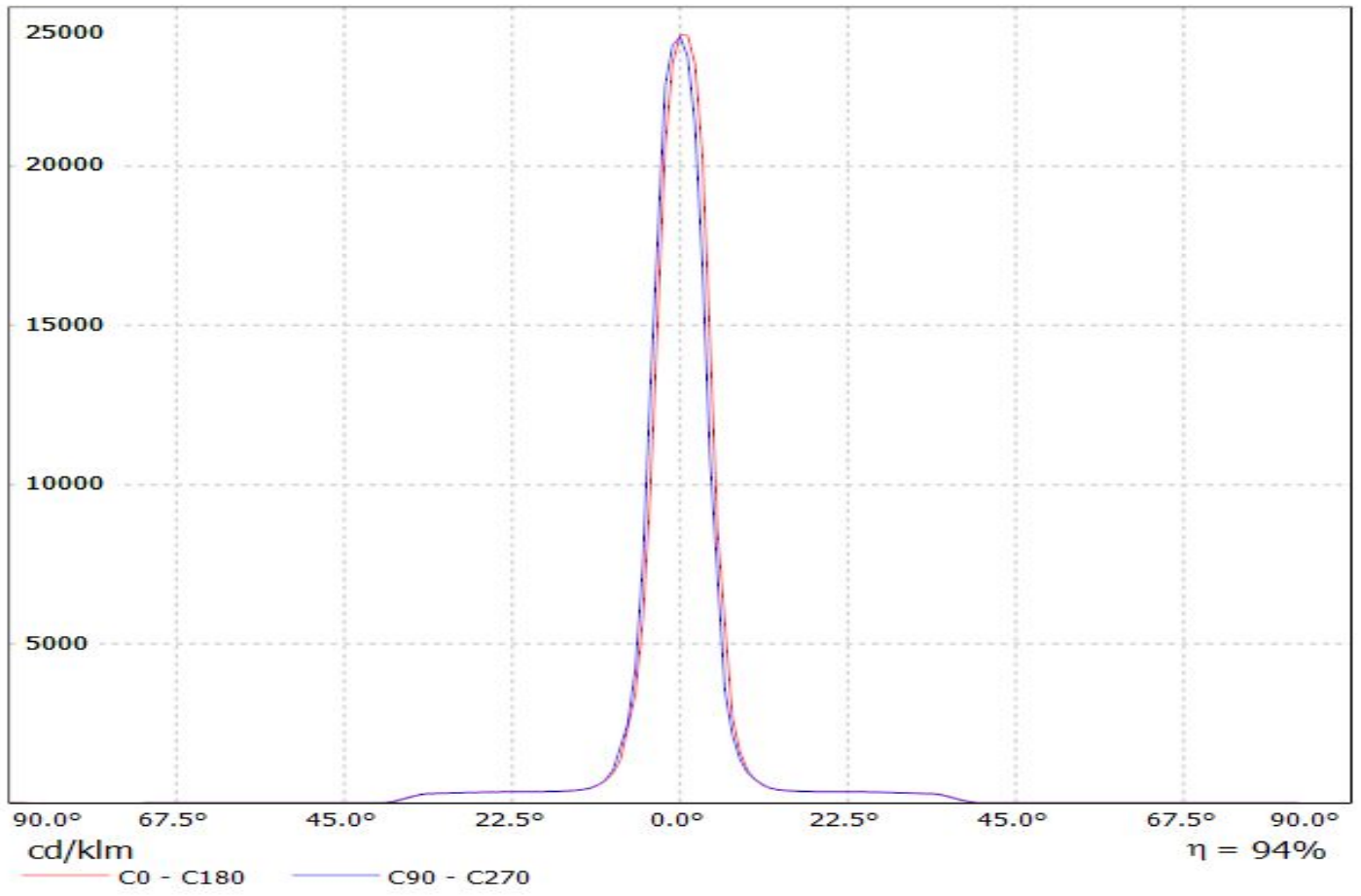


Luminaire: LEDiL Oy F13379_ANGELA-S_(CXM-14)

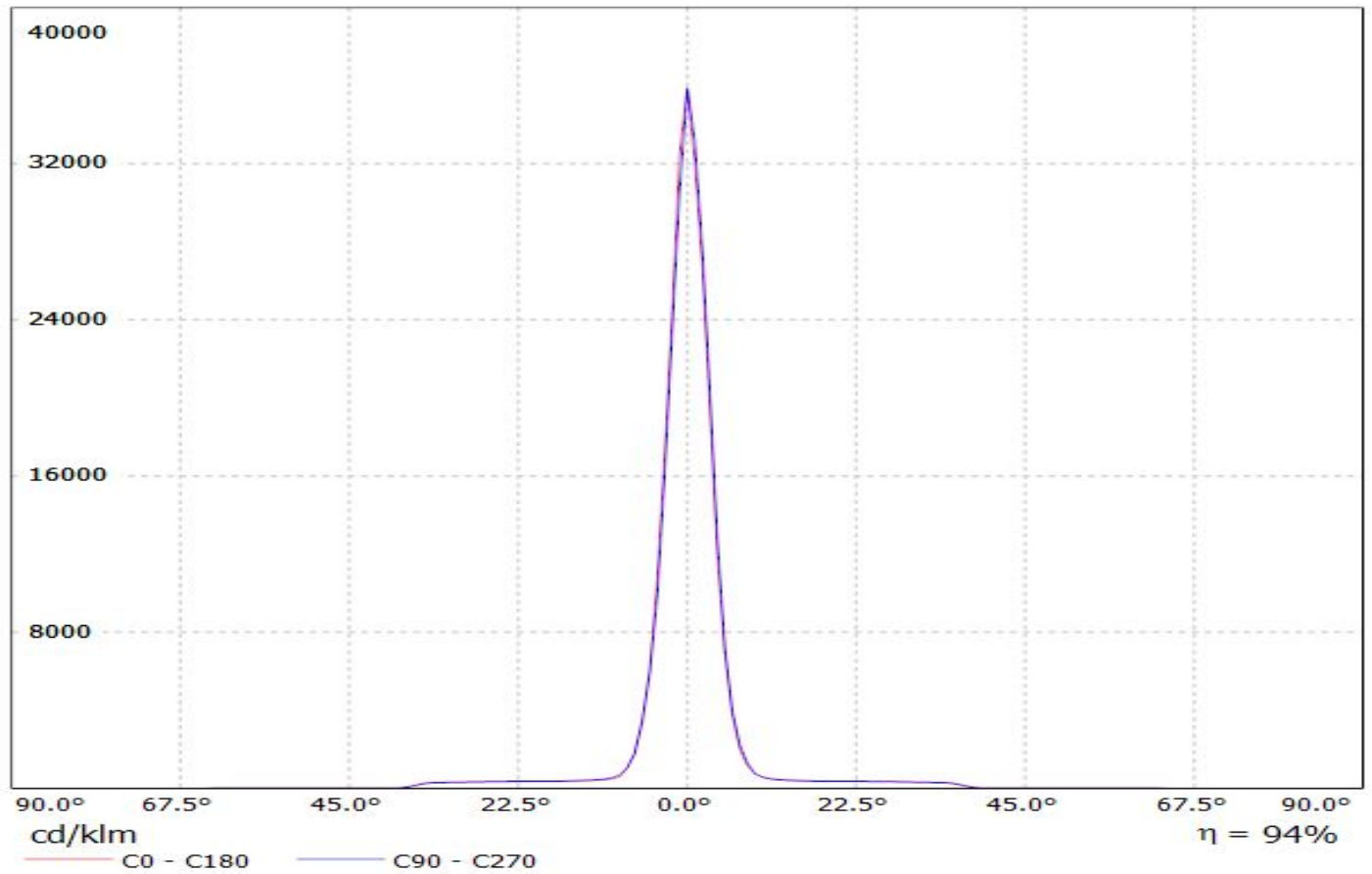
Lamps: 1 x LUMINUS_CXM-14_1114.36lm@250mA_P=8.36106W_I=249.8mA



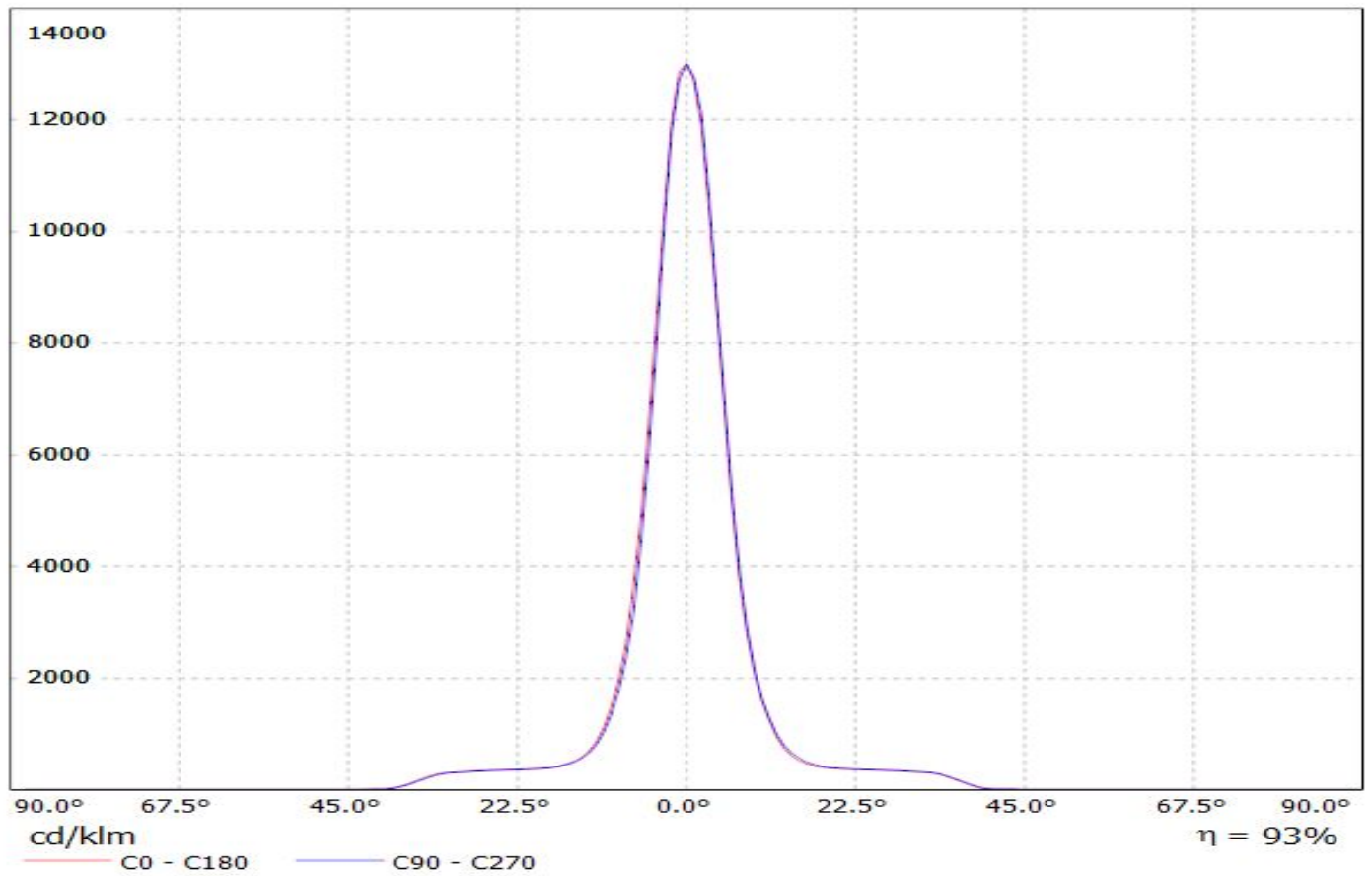
Luminaire: LEDiL Oy F13379_ANGELA-S_(NSBxL121A) Eff.95.0%
Lamps: 1 x Nichia_NSBxL121A_920.44lm@250mA_P=7.57797W_I=249.9mA



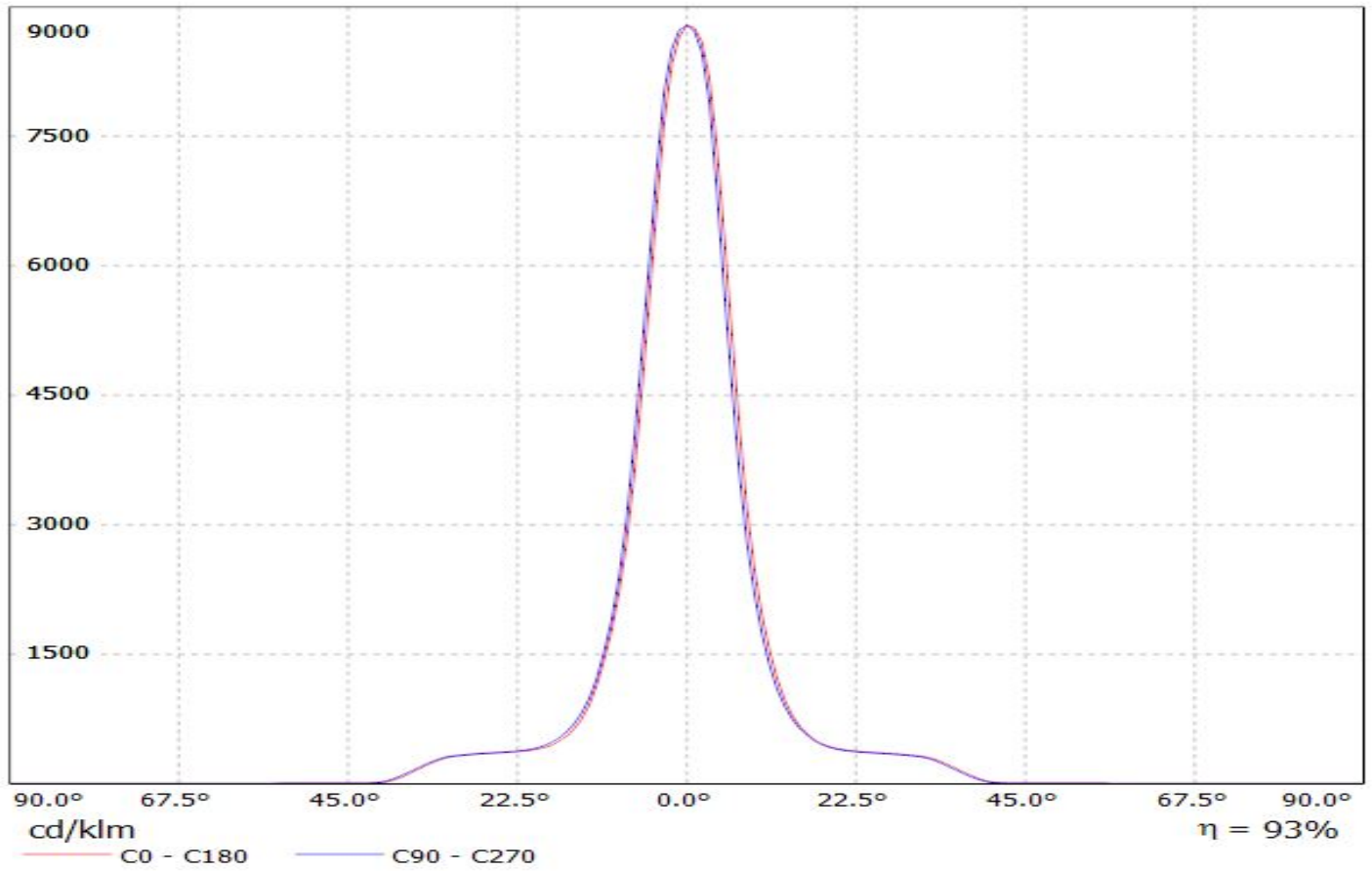
Luminaire: LEDiL Oy F13379_ANGELA-S_(PrevaLED_LES9)
Lamps: 1 x Osram_PrevaLED_Core_Z3_LES9_(PL-CORE-1100-830-Z3)
_1142.1lm@250mA_P=12.1952W_I=249.8mA



Luminaire: LEDiL Oy F13379_ANGELA-S_(PrevaLED_LES19)
Lamps: 1 x Osram_PrevaLED_CORE_Z3_LES19_(PL-CORE-2000-830-Z3)
_1356.73lm@250mA_P=10.5228W_I=249.9mA

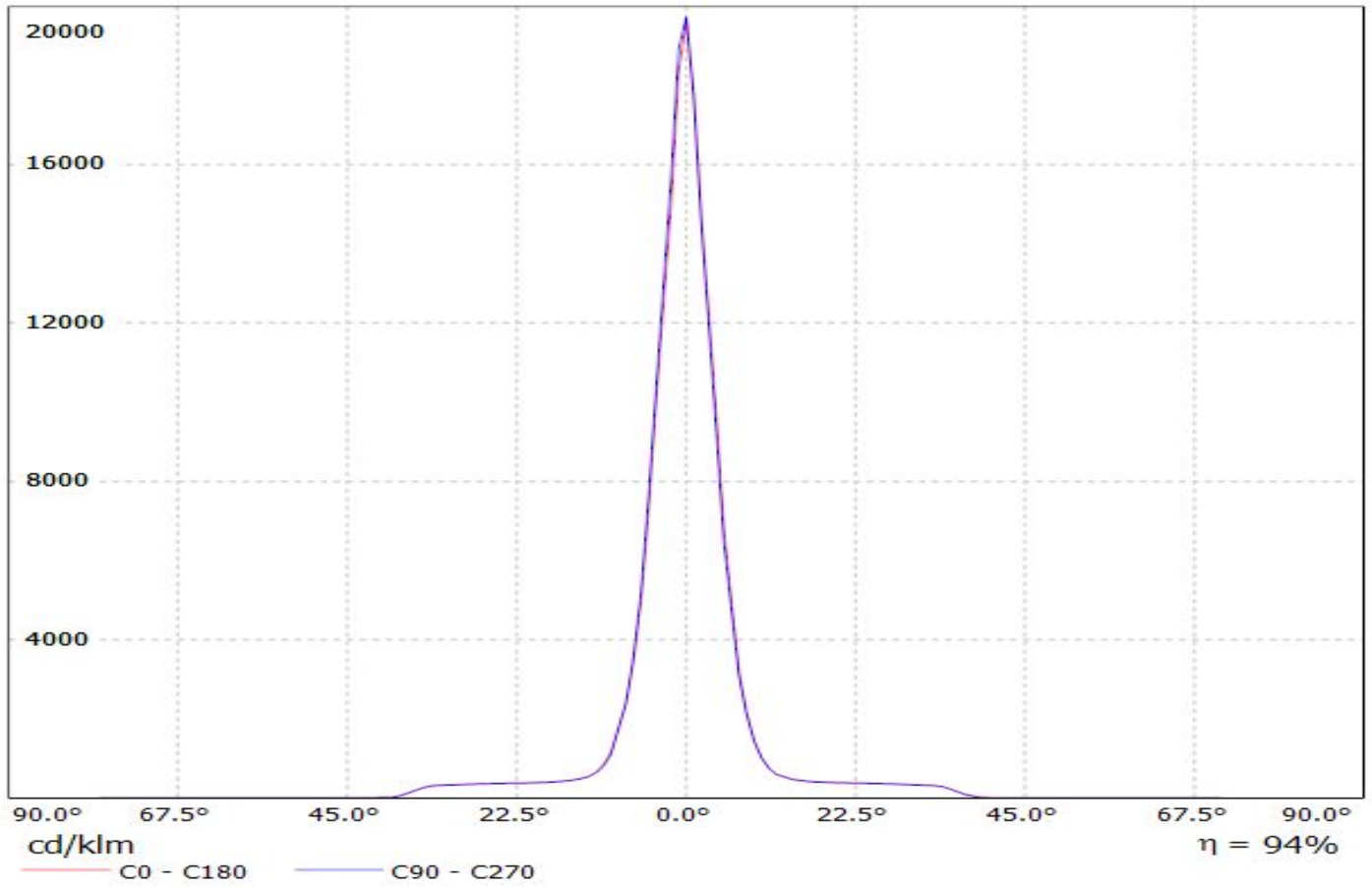


Luminaire: LEDiL Oy F13379_ANGELA-S_(PrevaLED_LES23)
Lamps: 1 x Osram_PrevaLED_Core_Z3_LES23_(PL-CORE-5000-930-Z3)
_1130.05lm@250mA_P=10.0097W_I=249.9mA

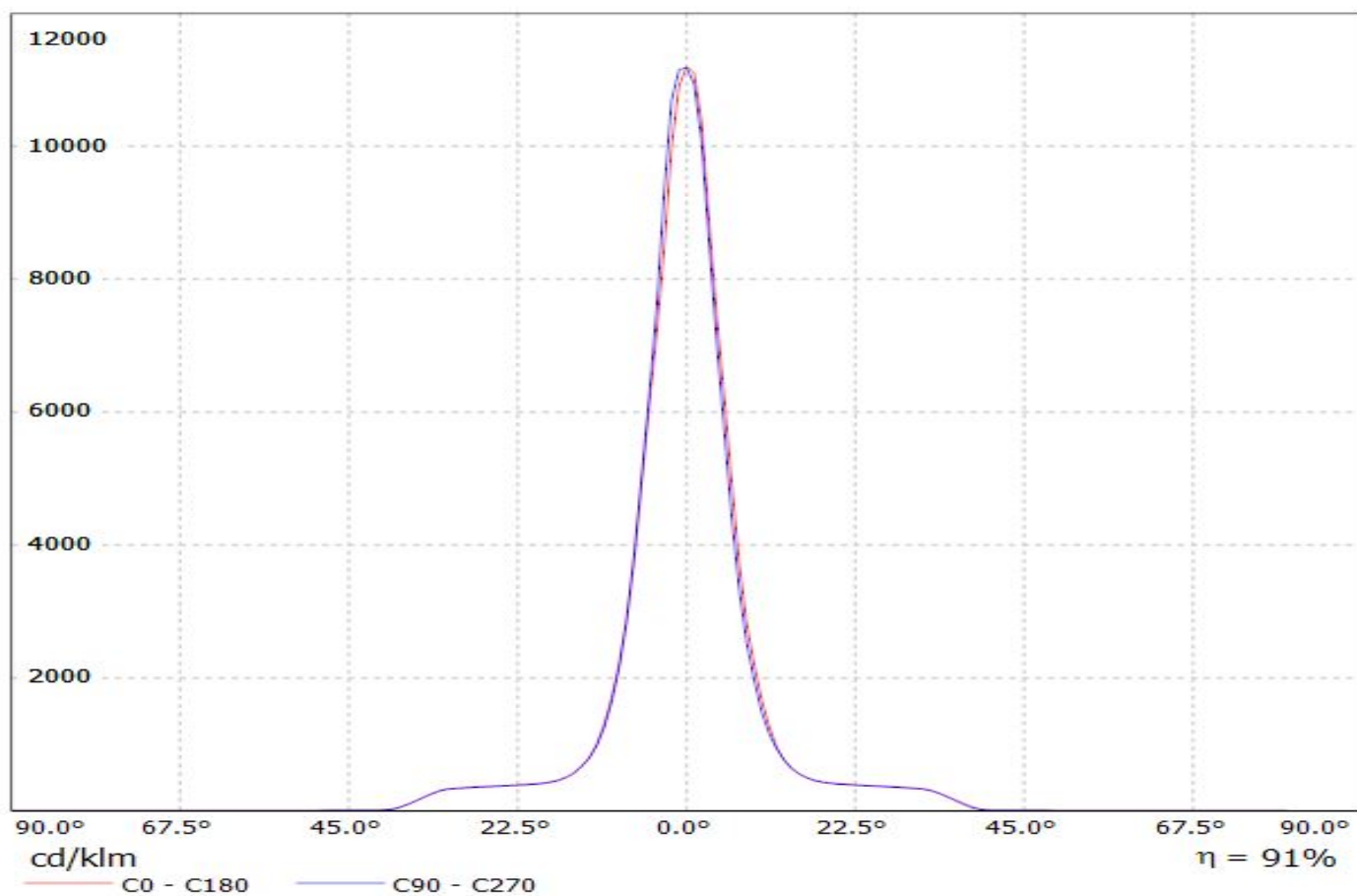


Luminaire: LEDiL Oy F13379_ANGELA-S_(LEP-800-827-C-AC) Eff.94%

Lamps: 1 x Osram_PrevaLED_Core-AC_(LEP-800-827-C-AC)_914.023lm@60mA_P=14W_I=60mA

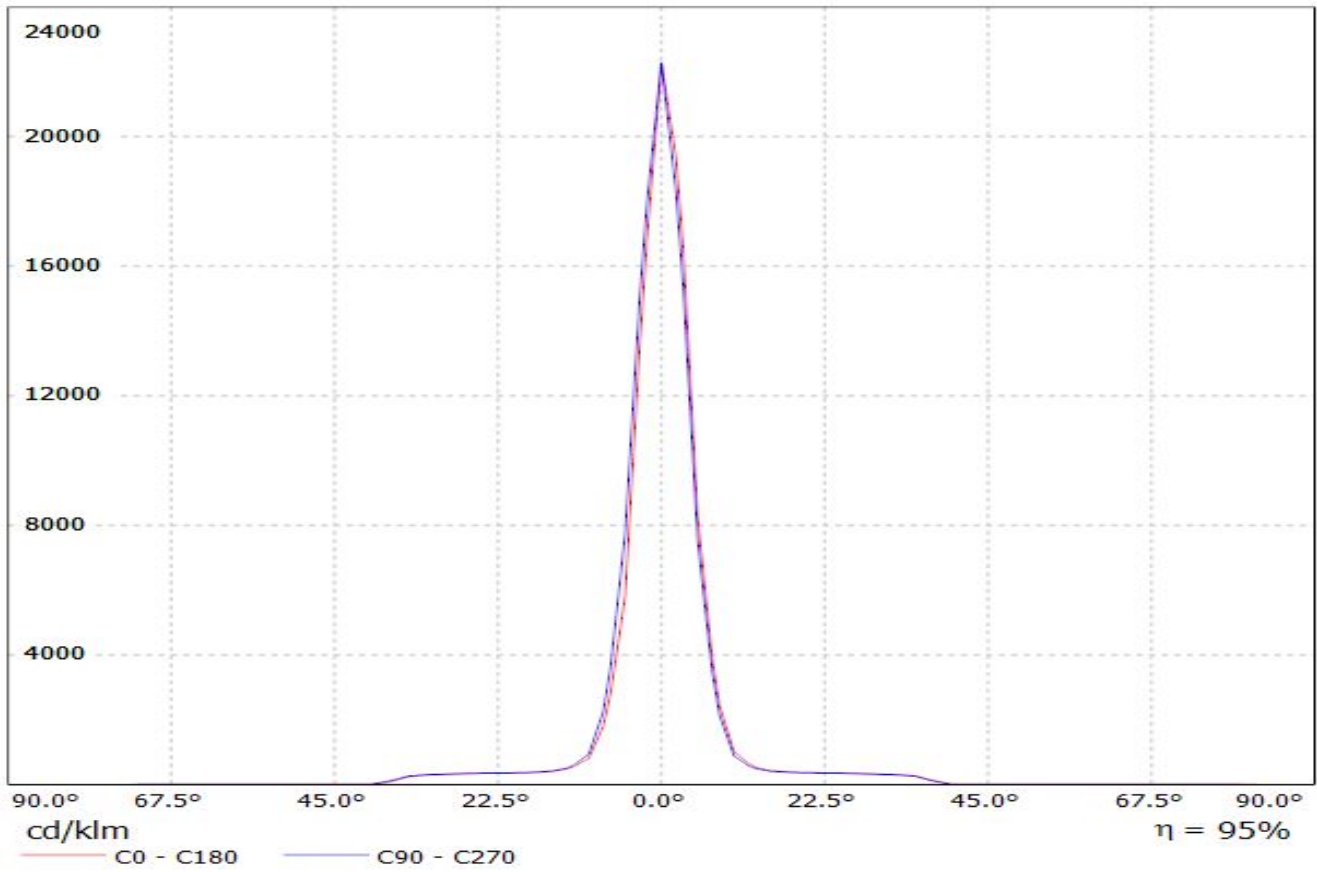


Luminaire: LEDiL Oy F13379_ANGELA-S_(LEP-2000-827-C-AC) Eff.91.7%
Lamps: 1 x Osram_PrevaLED_Core-AC_(LEP-2000-827-C-AC)_1967.74lm@120mA_P=27.2W_I=120mA

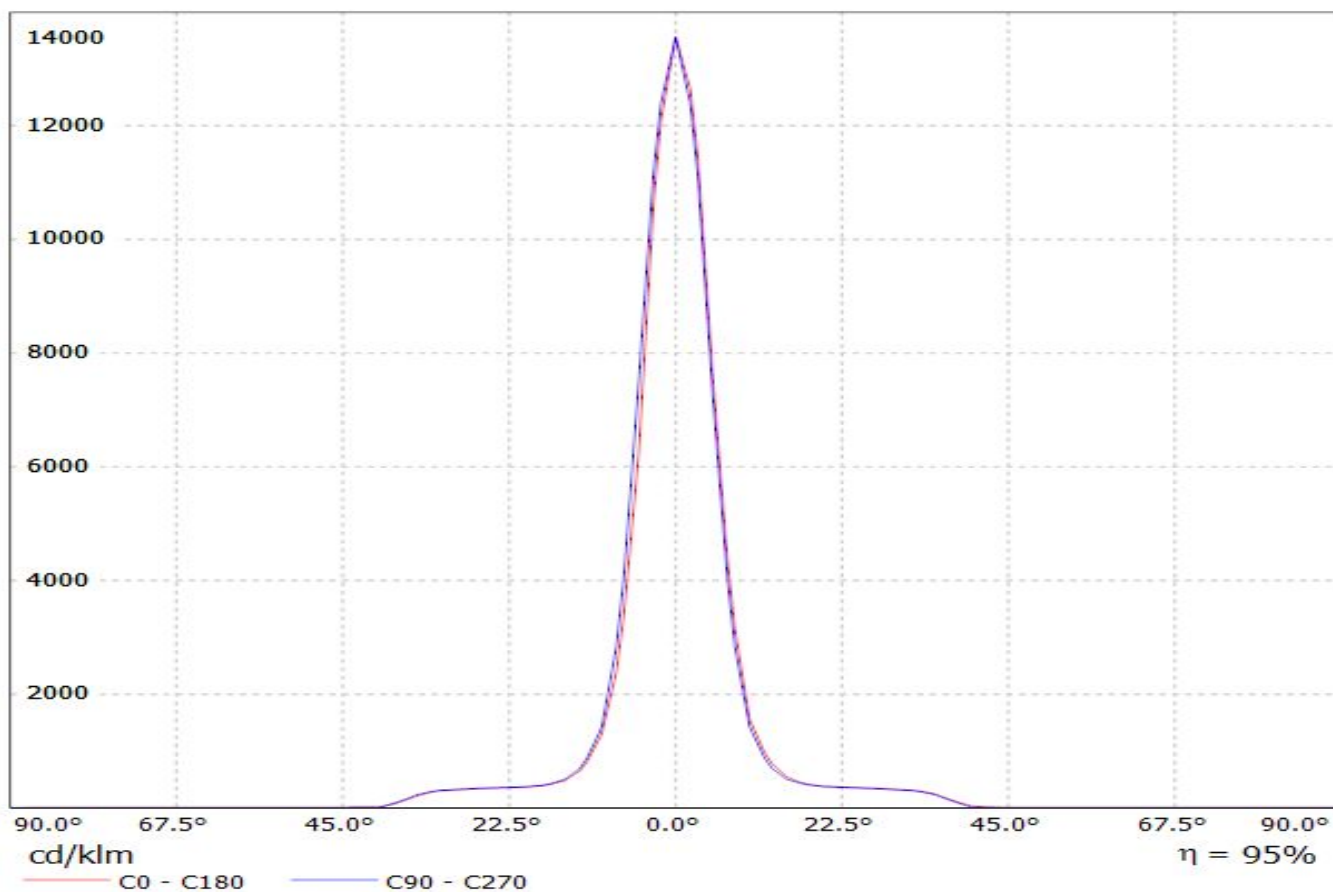


Luminaire: LEDiL Oy F13379_ANGELA-S_(SOLERIQ_S13)

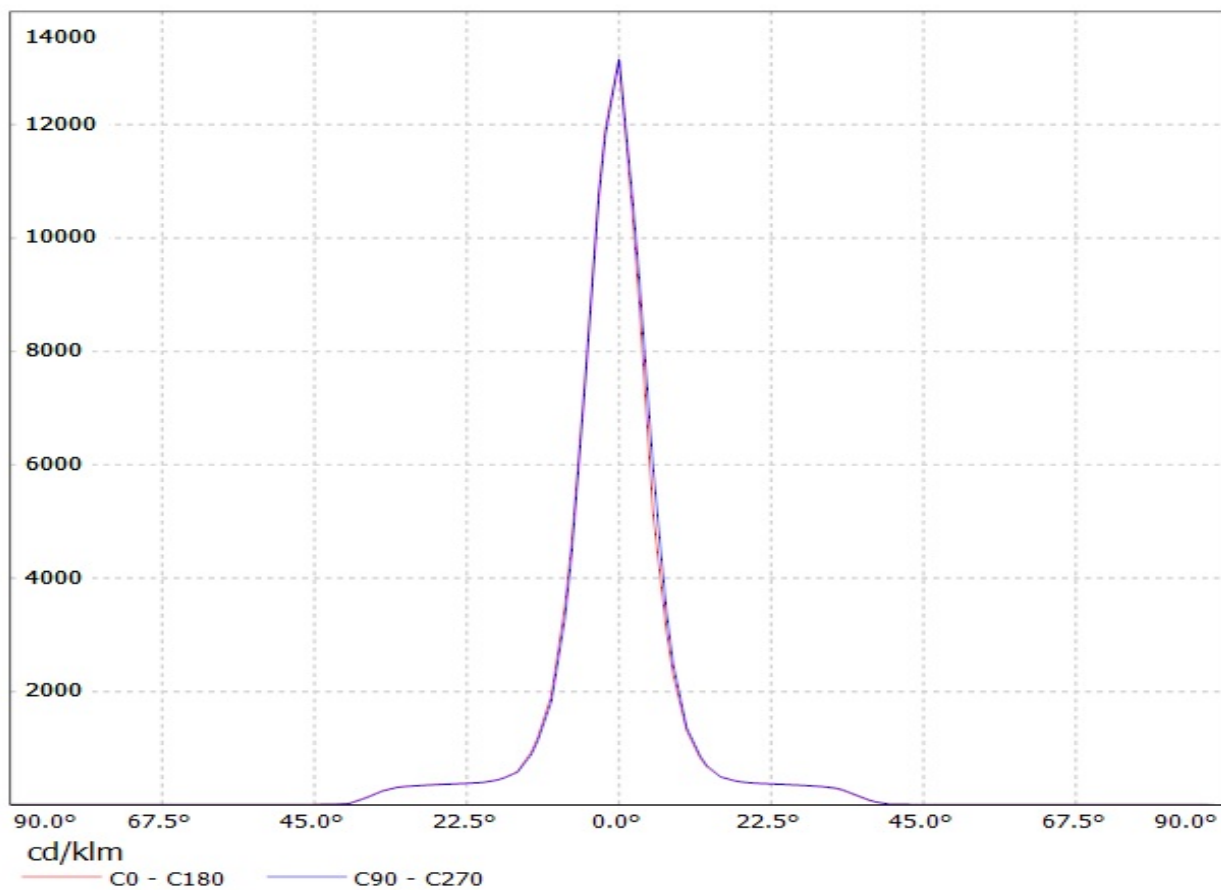
Lamps: 1 x Osram_SOLERIQ_S13_877.374lm@250mA_P=7.44379W_I=249.8mA



Luminaire: LEDiL Oy F13379_ANGELA-S_(SOLERIQ_S19)
Lamps: 1 x Osram_SOLERIQ_S19_1390.09lm@250mA_P=10.5413W_I=249.8mA

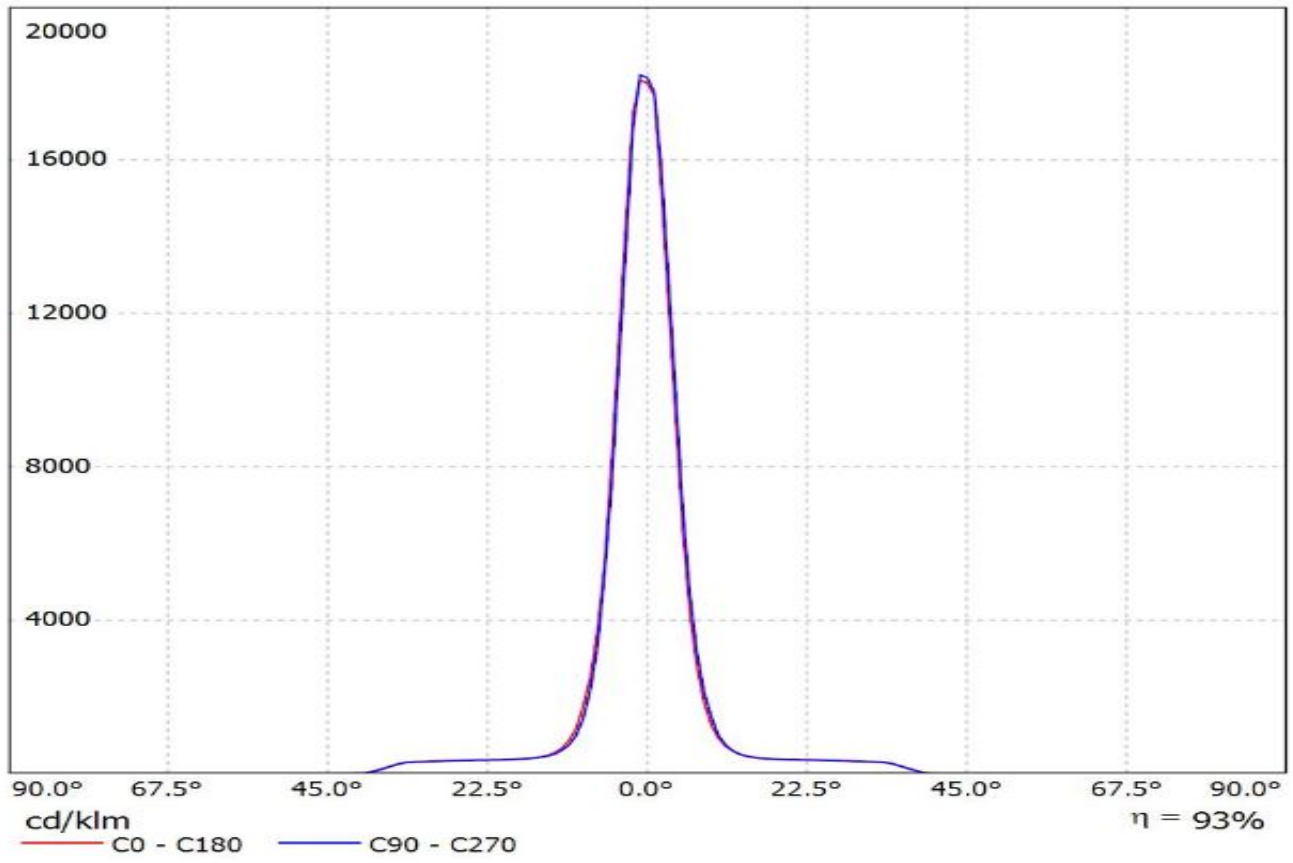


Luminaire: LEDiL Oy F13379_ANGELA-S_(PrevaLED_Z4)_Eff: 93%
Lamps: 1 x Osram_PrevaLED_CORE_Z4_(PL-CORE-3000-830-Z4)_1423.93lm@250mA_P=10.7652W_I=249.9mA



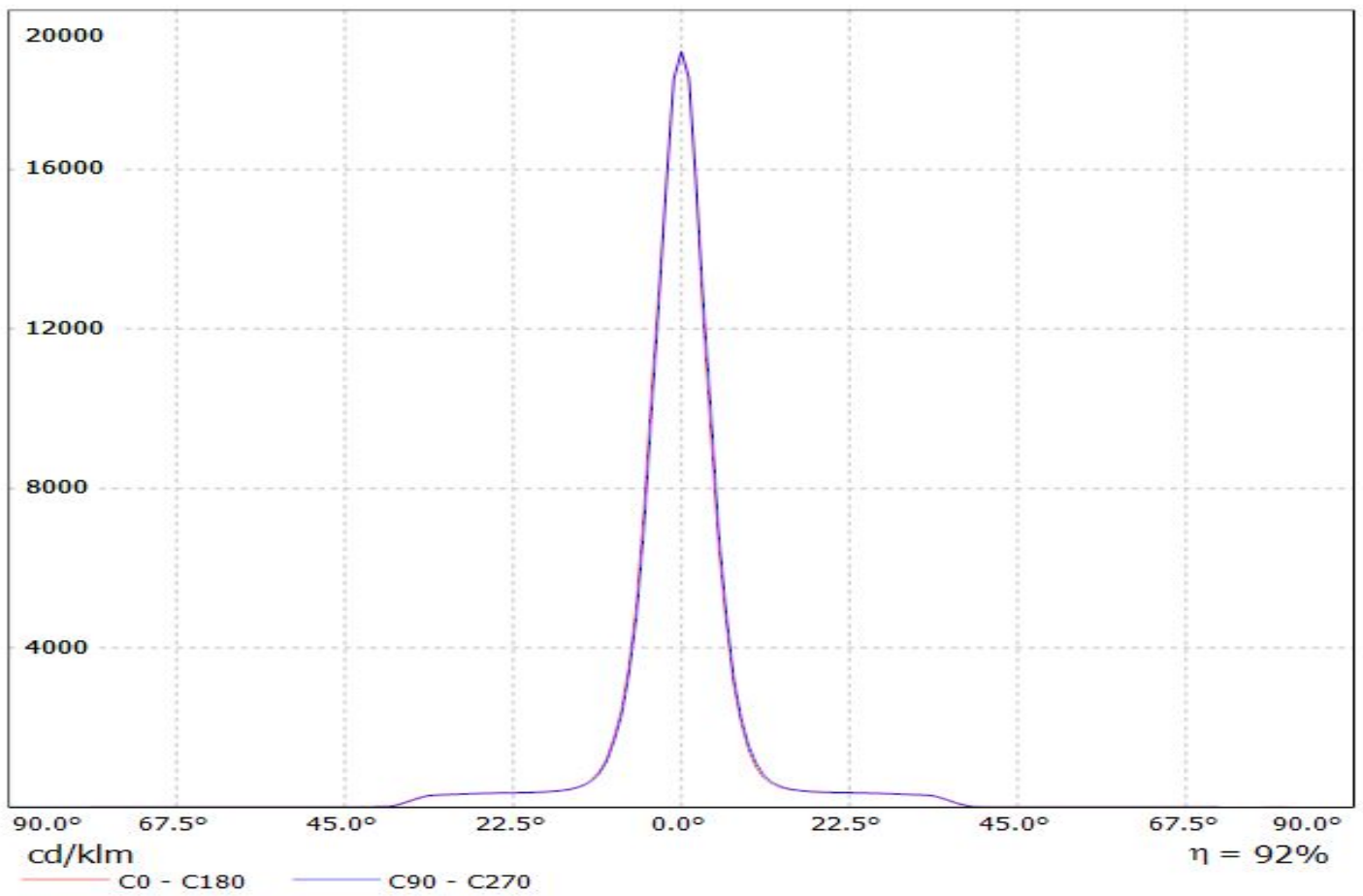
Luminaire: LEDiL Oy F13379_ANGELA-S_(SOLERIQ_P13)

Lamps: 1 x SOLERIQ_P13_(GW_MAGMB1.EM)_1038.25lm@250mA_CCT=3000K_P=8.77223W_I=249.8mA



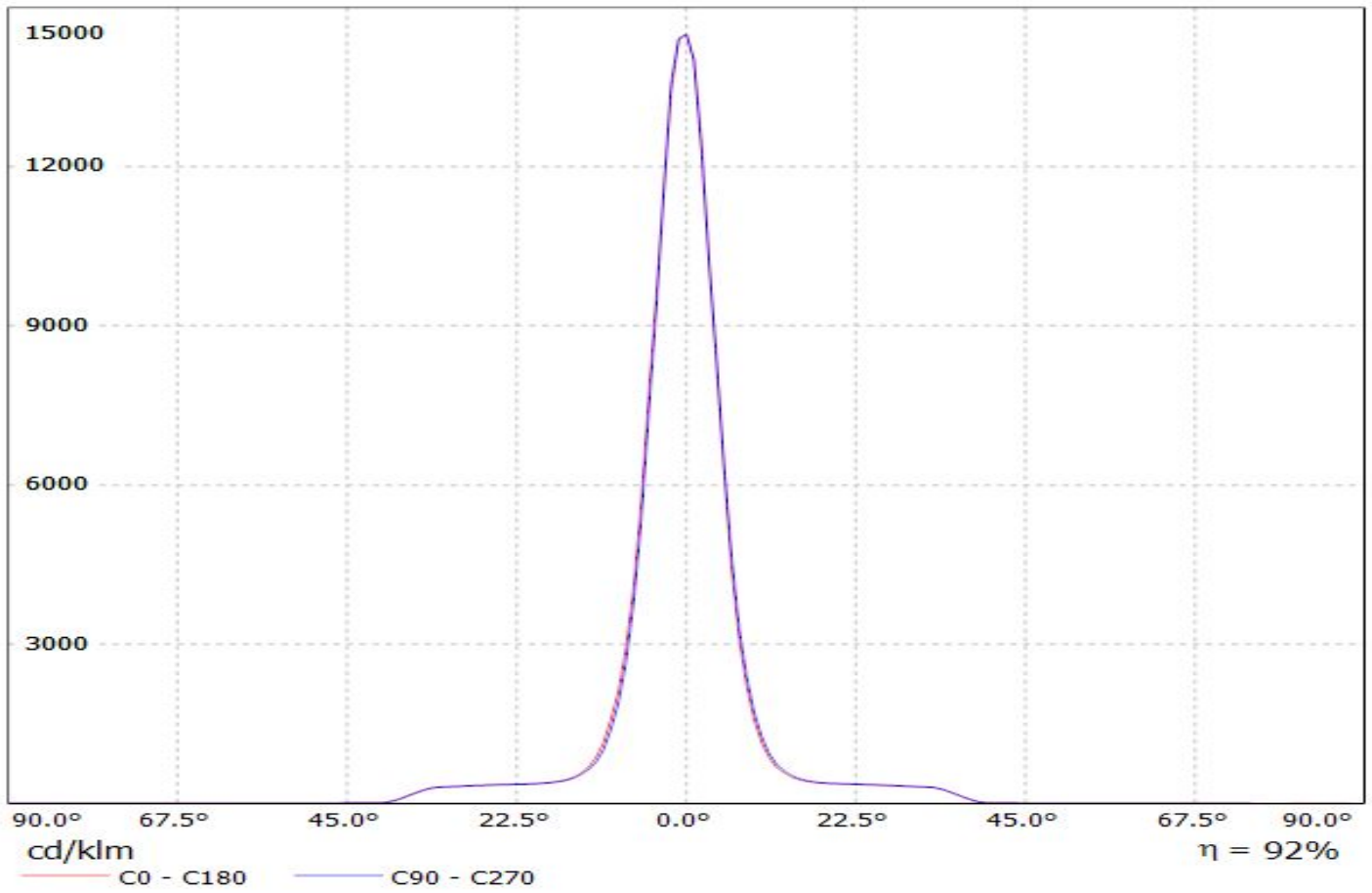
Luminaire: LEDiL Oy F13379_ANGELA-S_(Fortimo LED SLM L13 G4)

Lamps: 1 x Fortimo LED SLM L13 G4_1030.19lm@250mA_P=8.38104W_I=0.2498A



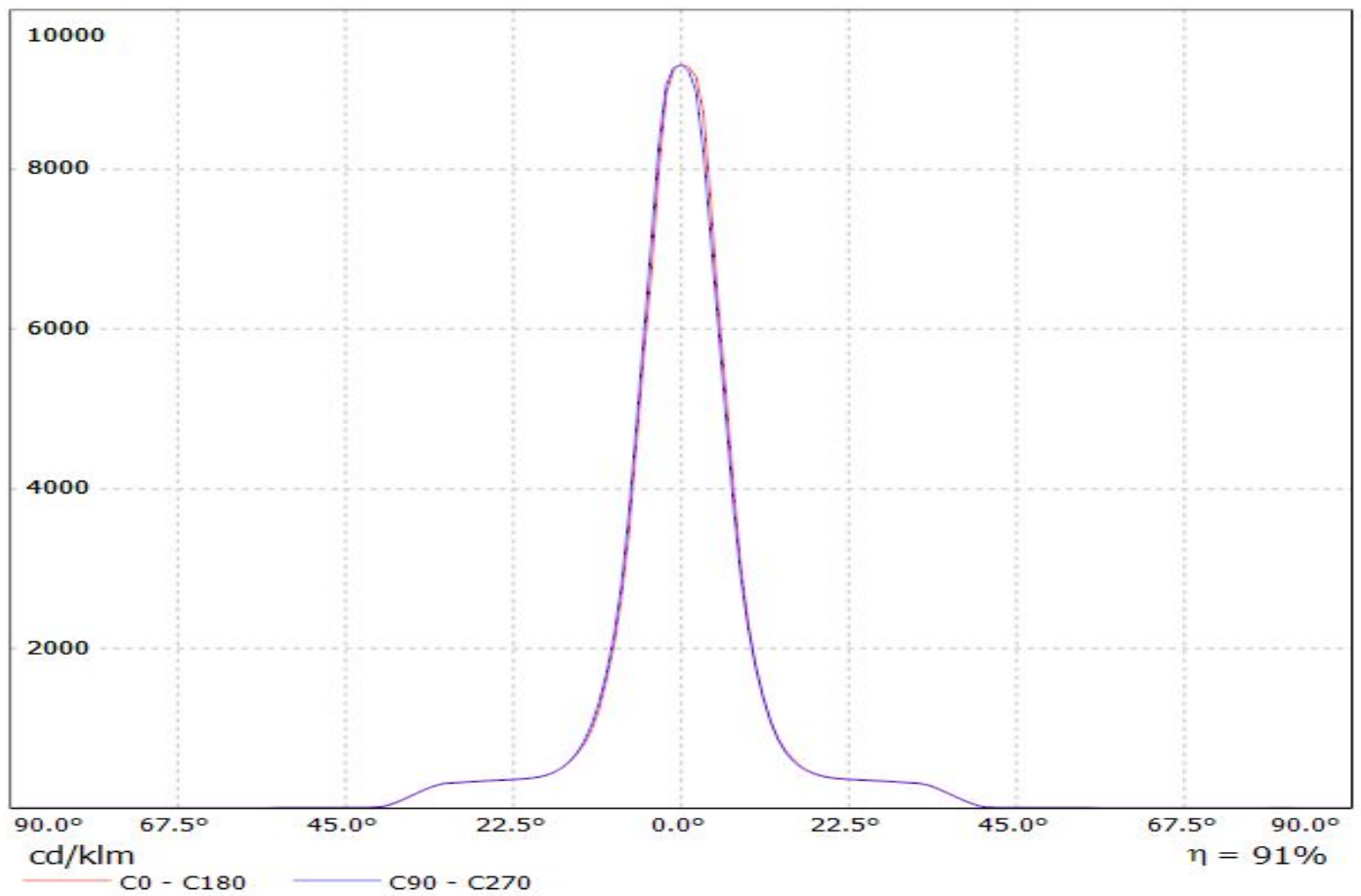
Luminaire: LEDiL Oy F13379_ANGELA-S_(Fortimo LED SLM L15 G4)

Lamps: 1 x Fortimo LED SLM L15 G4_1116.47lm@250mA_P=8.21168W_I=0.2498A

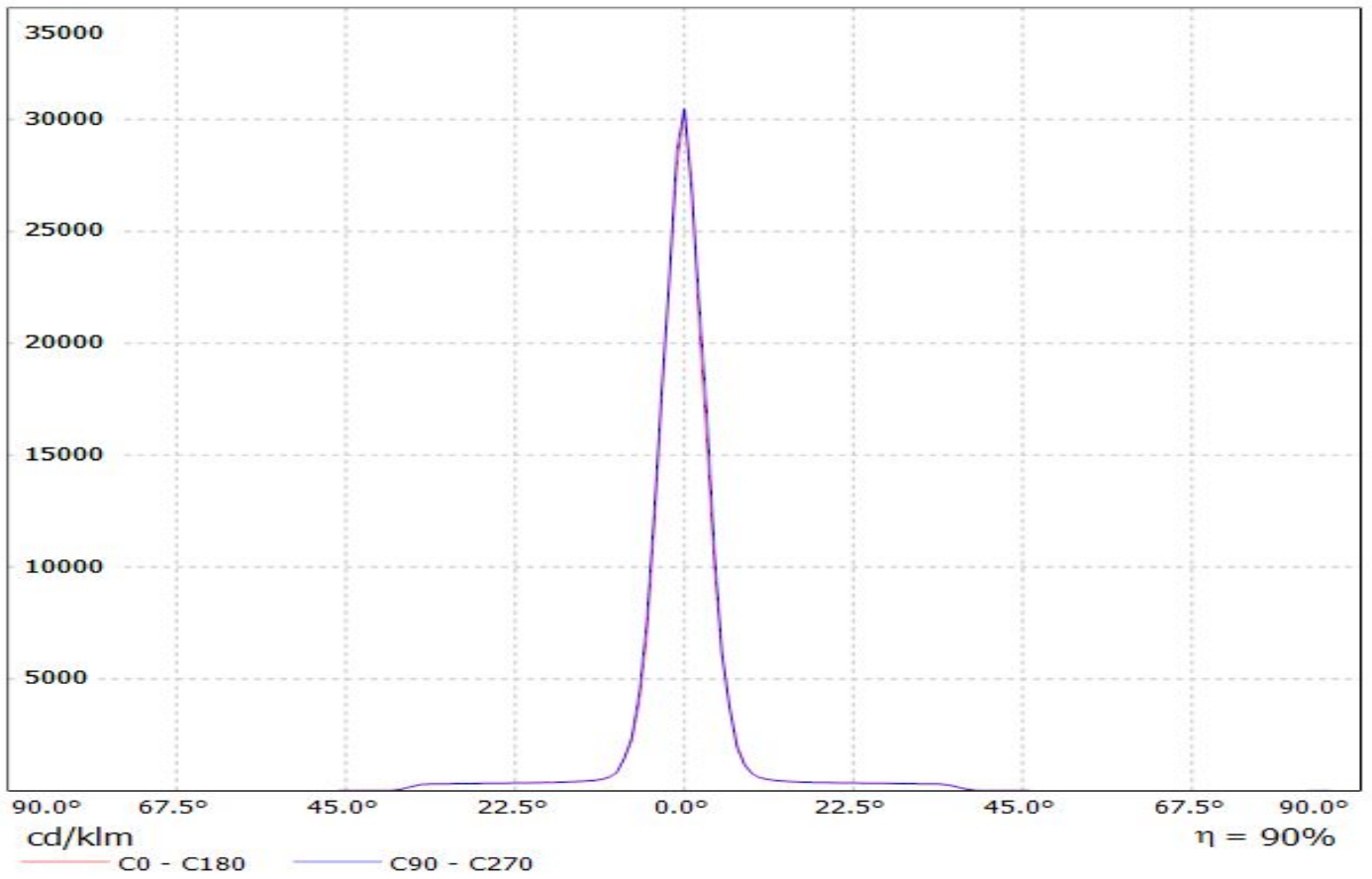


Luminaire: LEDiL Oy F13379_ANGELA-S_(Fortimo LED SLM L19 G4)

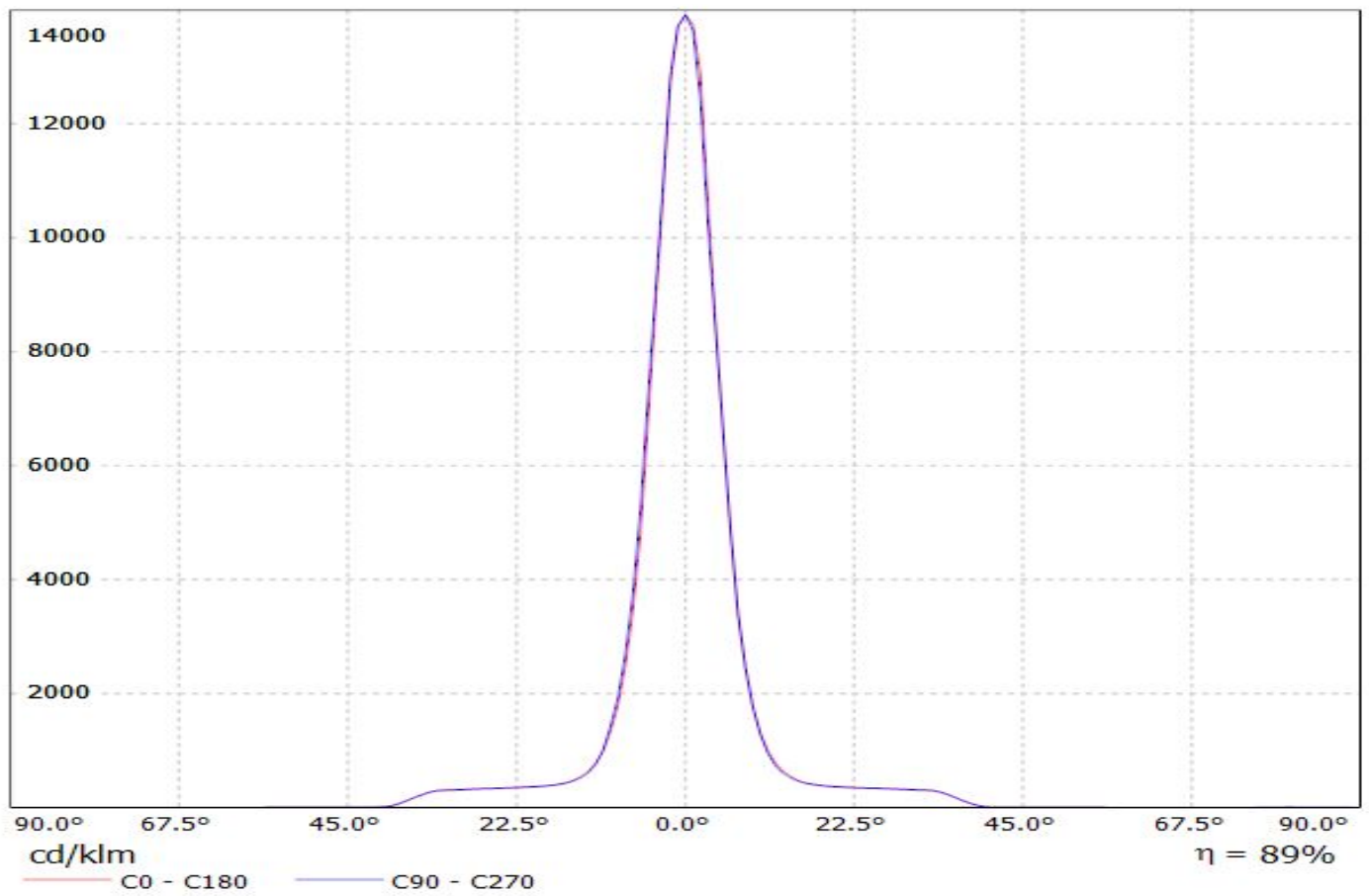
Lamps: 1 x Fortimo LED SLM L19 G4_1114.89lm@250mA_P=8.04906W_I=0.2498A



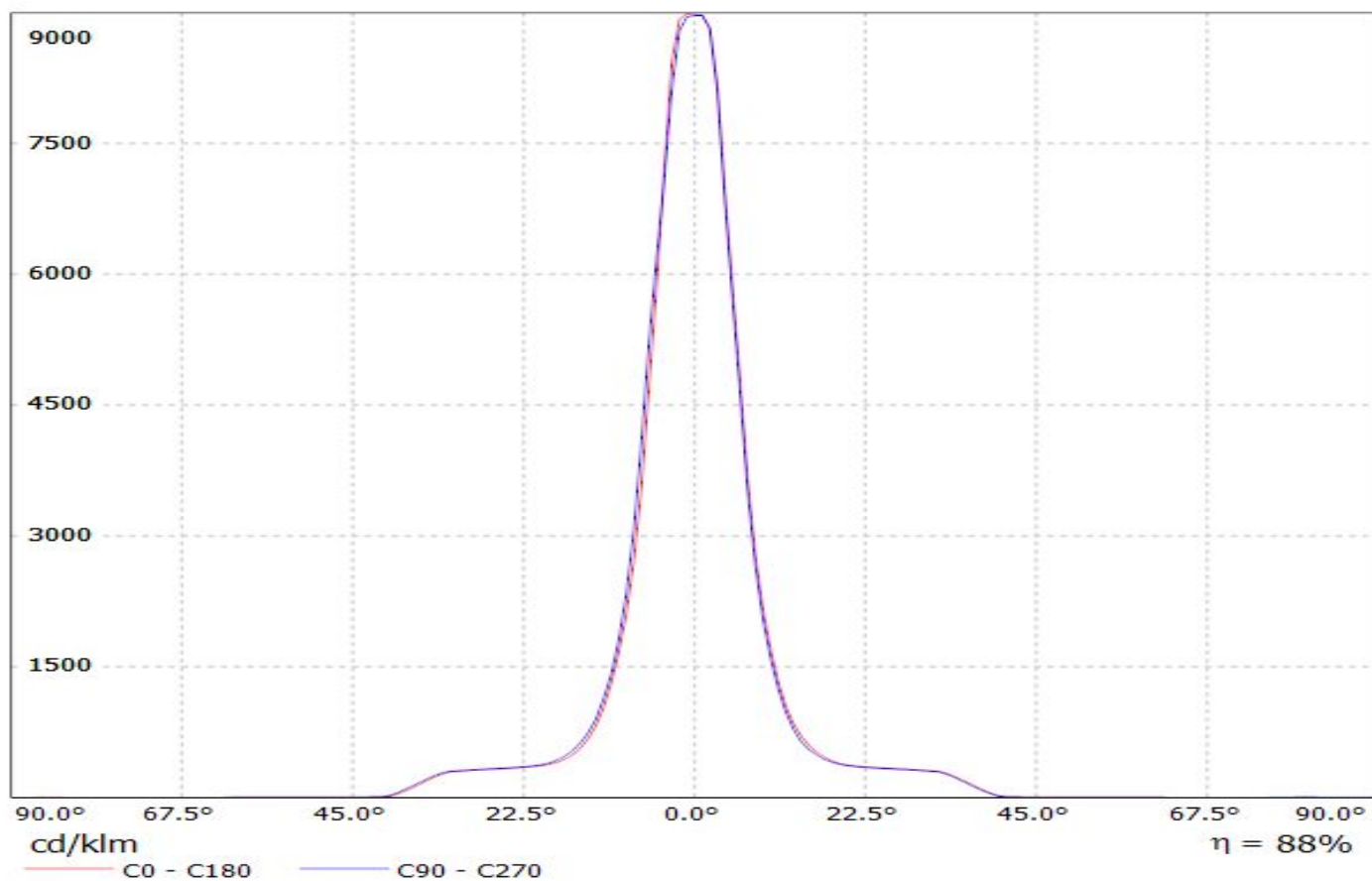
Luminaire: LEDiL Oy F13379_ANGELA-S_(SLM-G5-LES-9)_ (Z50-Optic-Clip)
Lamps: 1 x Fortimo_SLM-G5-LES-9_1182.49lm@250mA_P=8.5848W_I=0.250A



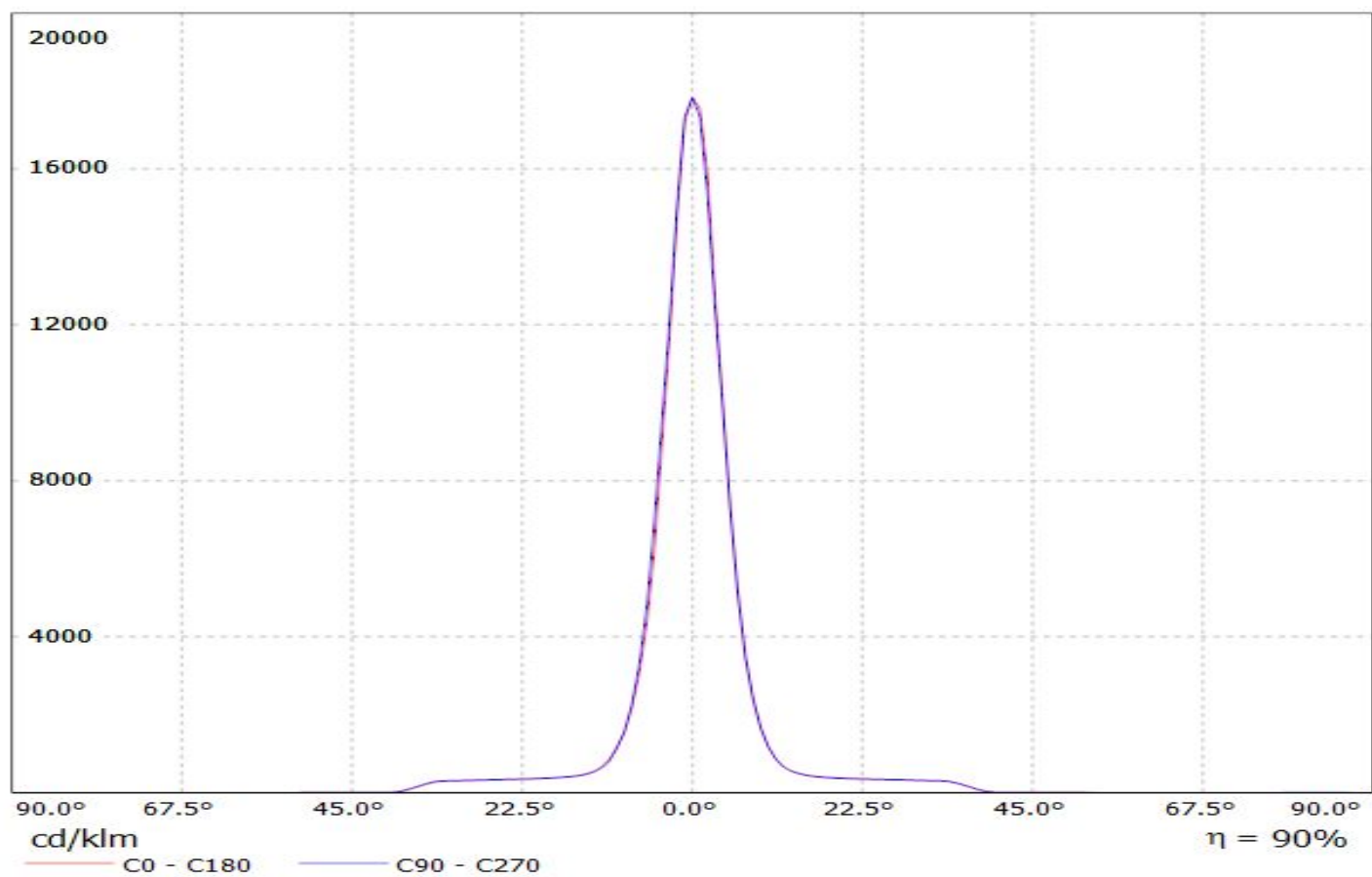
Luminaire: LEDiL Oy F13379_ANGELA-S_(SLM-G5_LES-15)
Lamps: 1 x Fortimo_SLM-G5_LES-15_1257.61lm@250mA_P=8.1569W_I=0.250A



Luminaire: LEDiL Oy F13379_ANGELA-S_(SLM-G5_LES-19)_(Z50_Optic_Clip)
Lamps: 1 x Fortimo_SLM-G5_LES-19_1397.58lm@250mA_P=8.0385W_I=0.250A

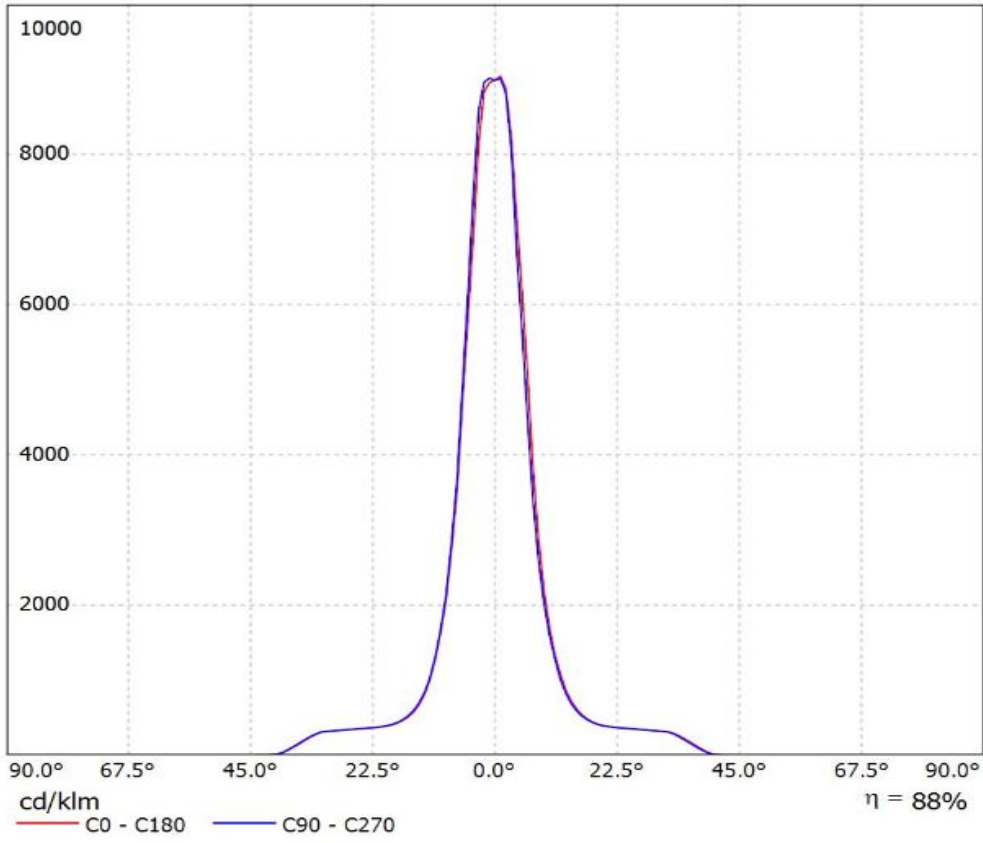


Luminaire: LEDiL Oy F13379_ANGELA-S_(SLM-G5_LES-13)_ (Z50-Optic-Clip)
Lamps: 1 x Fortimo_SLM-G5_LES-13_1300.47lm@250mA_P=8.4010W_I=0.250A



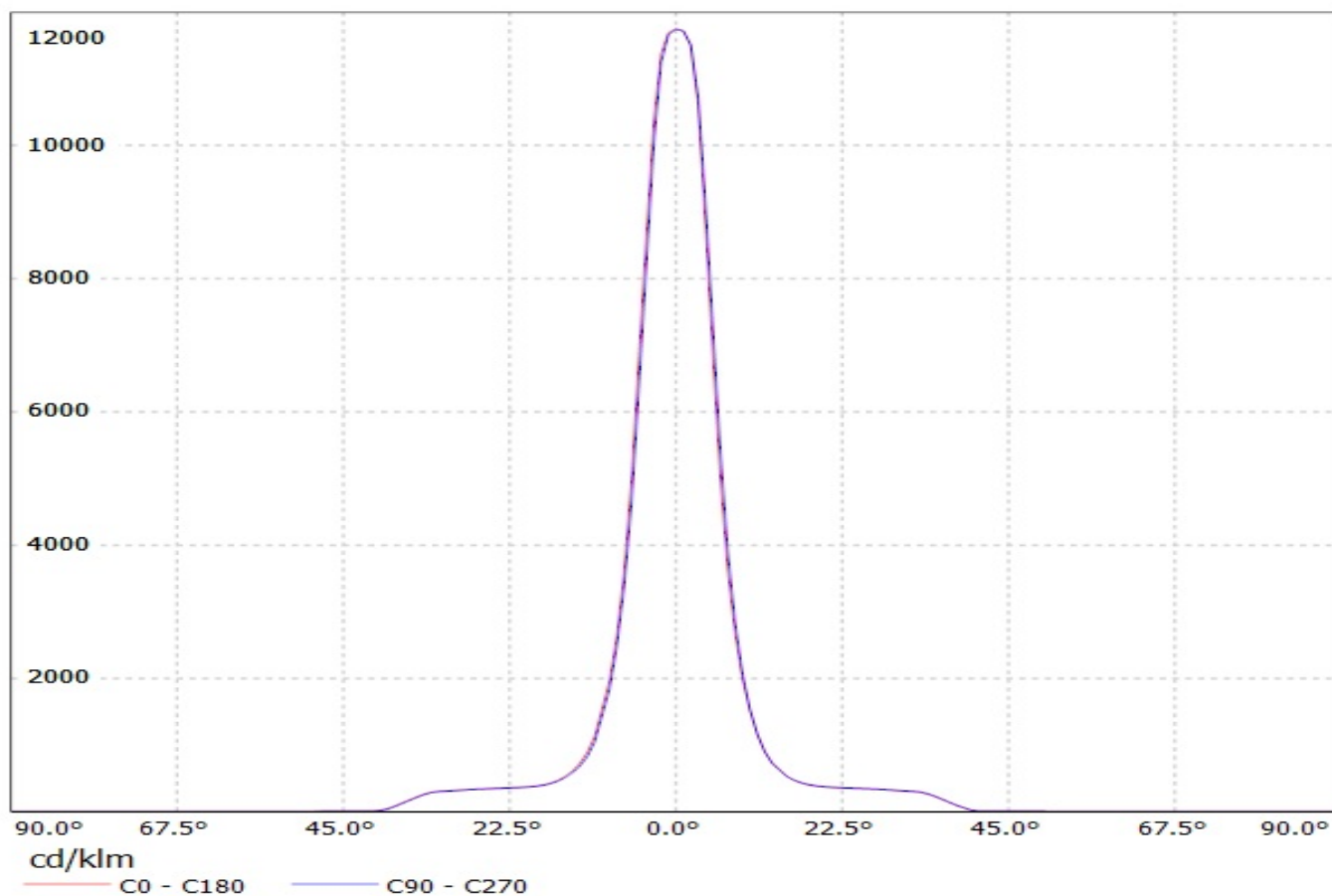
Luminaire: Ledil F13379_ANGELA-S_(SLM_1211_L19_G6_+TE)

Lamps: 1 x Philips_Fortimo_SLM_1211_L19_G6_Standard_+_TE_OPTIC_CLIP_Z50_TYPE1:_2213194-1_1146.84lm@250mA_P=8.13175W_I=0.25A



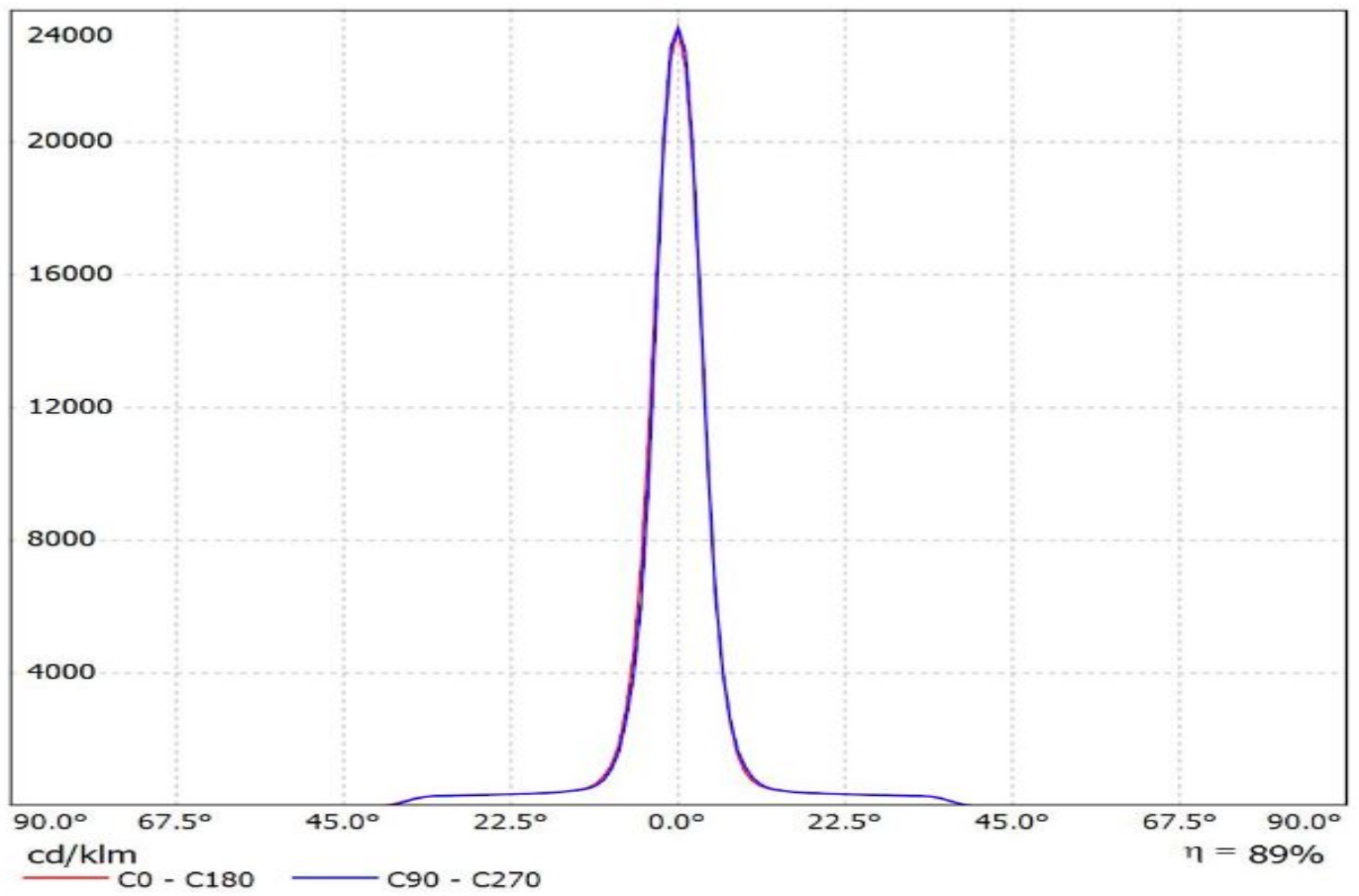
Luminaire: LEDiL Oy F13379_ANGELA-S_(LC040B)

Lamps: 1 x Samsung_LC040B_(SPHWW1HDNE25010101)_1029.97lm@250mA_P=8.12175W_I=249.9mA



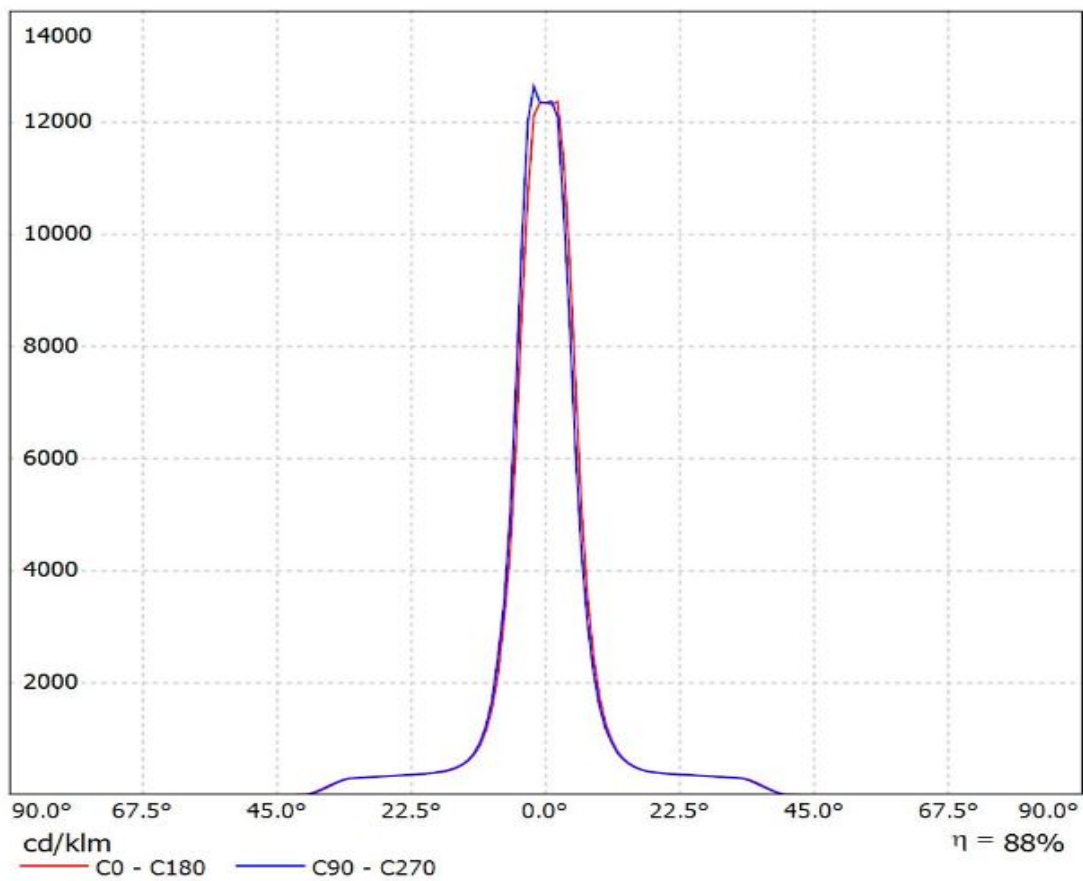
Luminaire: Ledil F13379_ANGELA-S_(LC040C+TE)

Lamps: 1 x Samsung_LC040C+_2213382-2+_2213194-1_1194.16lm@250mA_CCT=4000K_P=8.137W



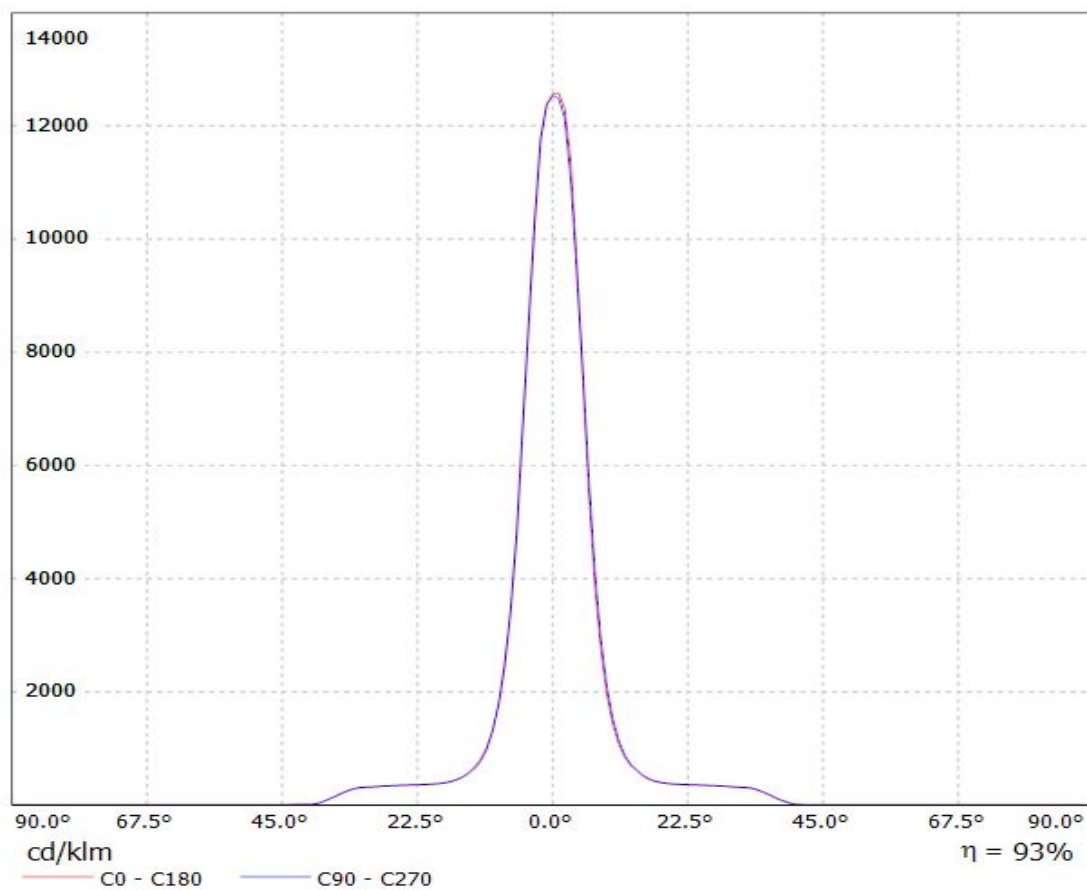
Luminaire: Ledil F13379_ANGELA-S_(MJT_30W_Les14,5)_TE

Lamps: 1 x Seoul_MJT_30W_Les14,5mm_(SAWx1566A)_+TE_2213254-2_+_TE_2213194-1_1328.6lm@250mA_P=8.24025W_I=0.25A



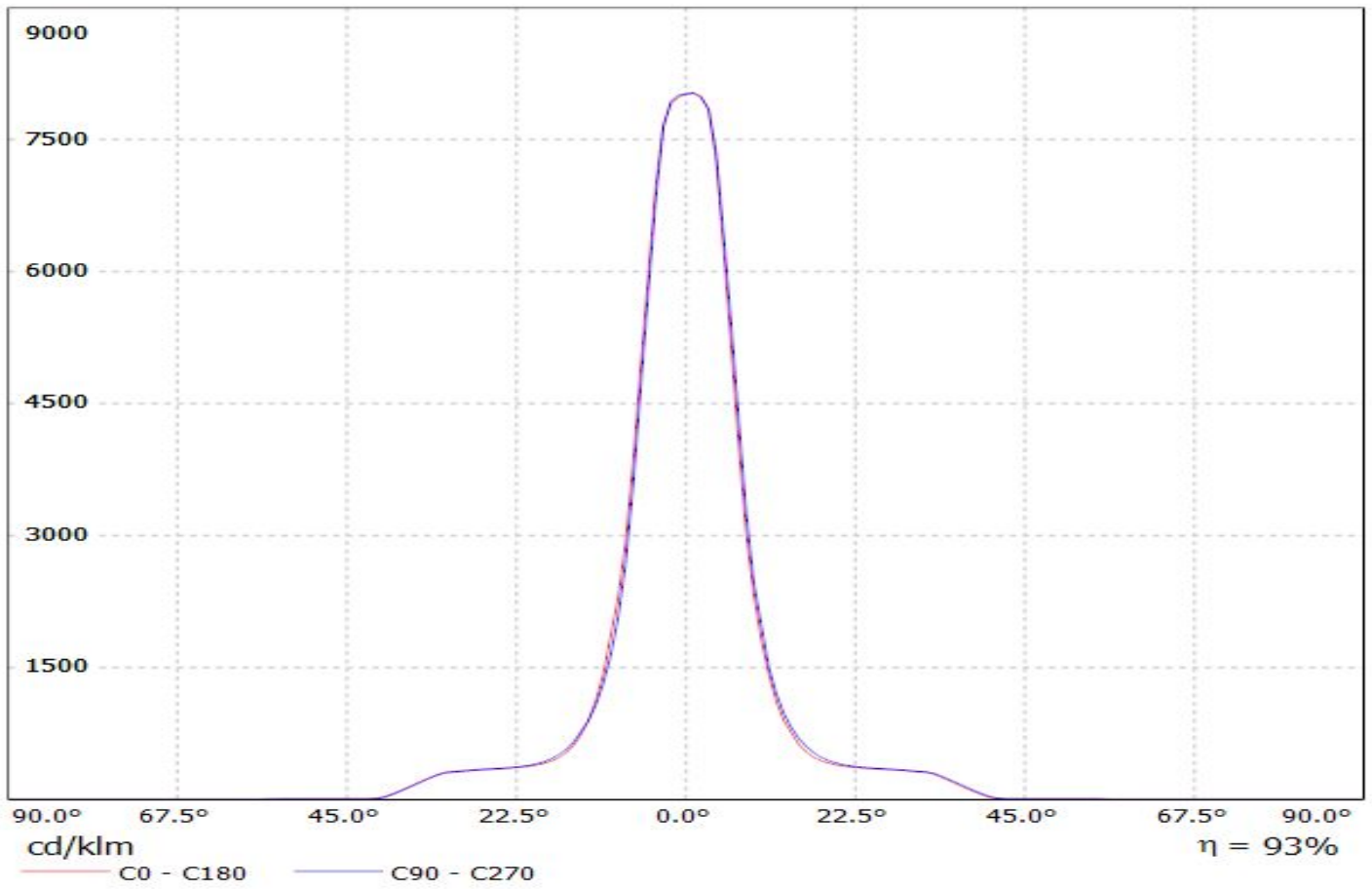
Luminaire: LEDiL Oy F13379_ANGELA-S (STARK_LES19)

Lamps: 1 x Tridonic_STARK_SLE_G3_LES19_(Stark-SLE-PURE-G3-19-2000-840-CLA)_1050.59lm@250mA_P=8.3639W_I=249.9mA



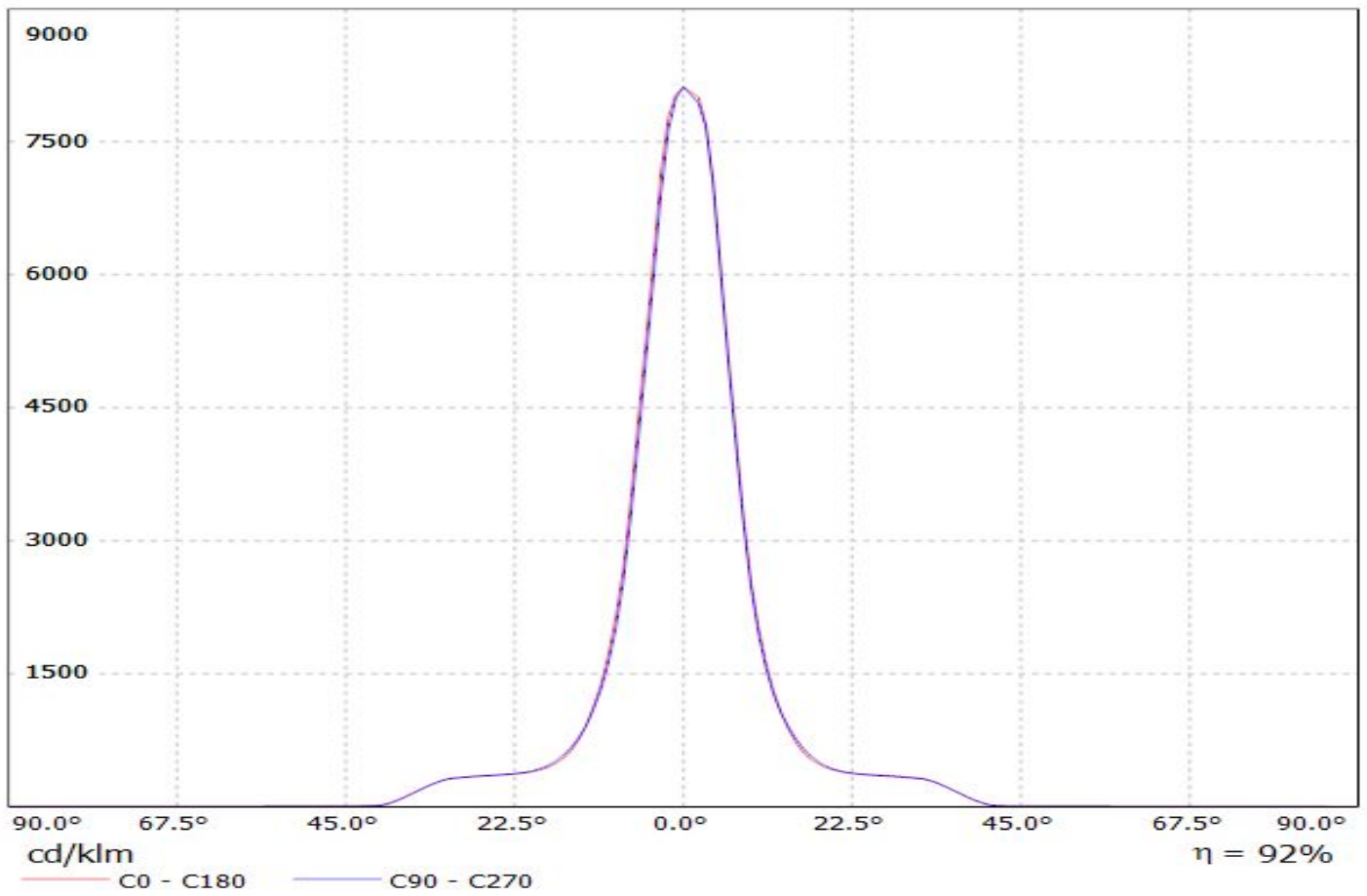
Luminaire: LEDiL Oy F13379_ANGELA-S_(STARK_LES23) Eff.92.7%

Lamps: 1 x Tridonic_STARK_SLE_G3_LES23_795.318lm@250mA_P=8.22646W_I=249.9mA

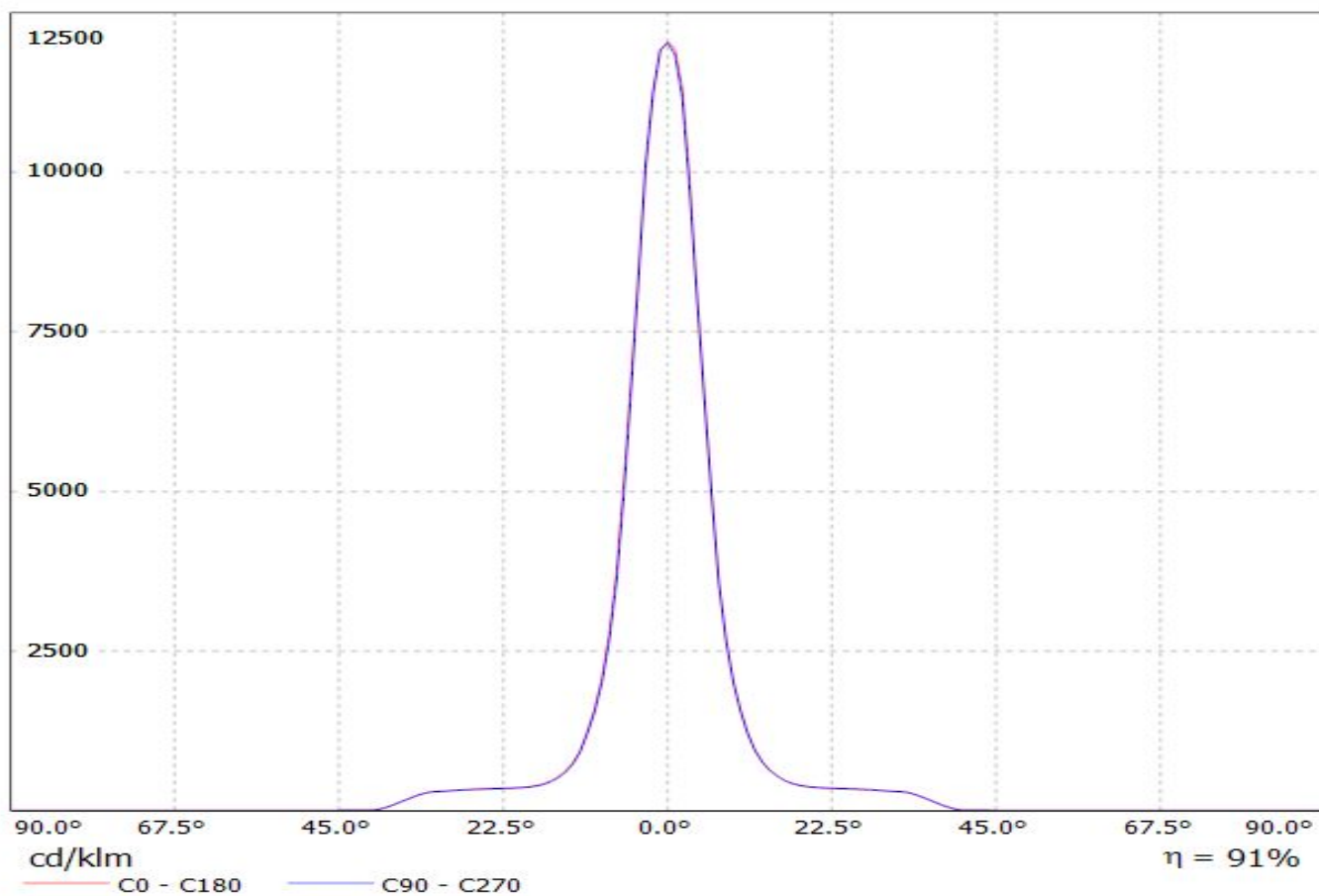


Luminaire: LEDiL Oy F13379_ANGELA-S_(SLE_G4_LES23)

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

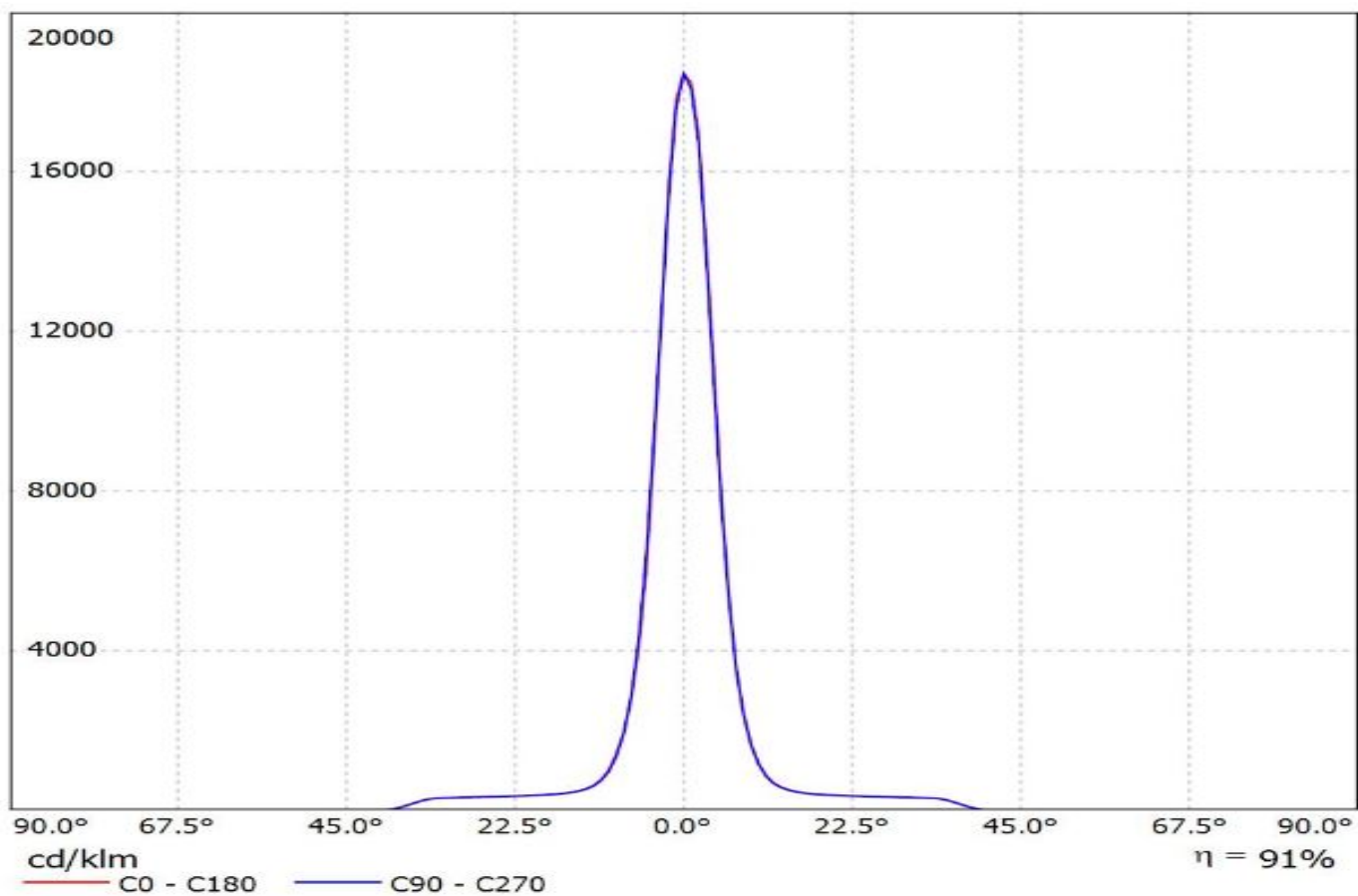


Luminaire: LEDiL Oy F13379_ANGELA-S_(SLE GEN4 LES19)
Lamps: 1 x SLE GEN4 LES19_1227.01lm@250mA_P=8.21492W_I=0.2498A



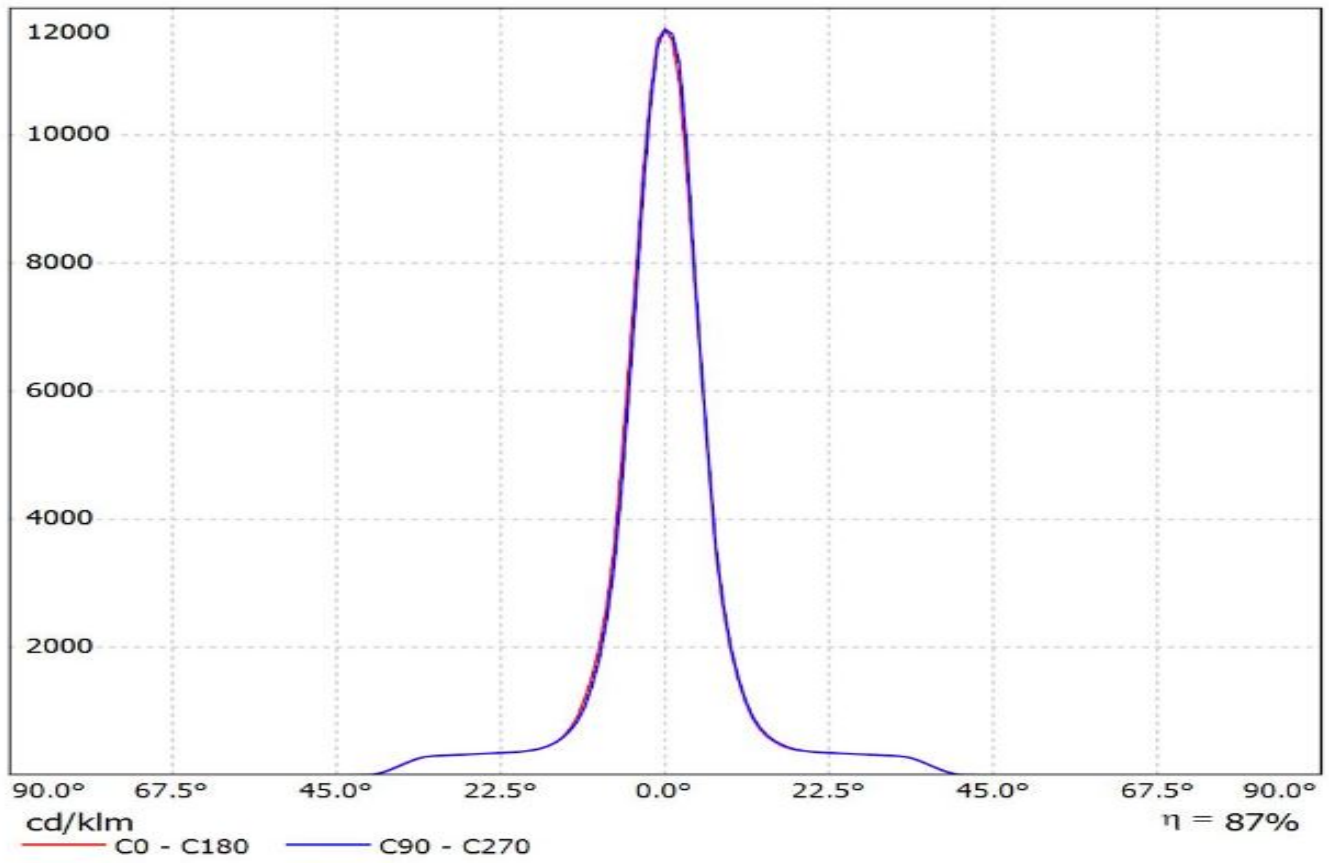
Luminaire: LEDiL Oy F13379_ANGELA-S_(SLE-G5_LES-15)

Lamps: 1 x Tridonic_SLE-G5_LES-15_1238lm@250mA_P=8.6575W_I=0.250A

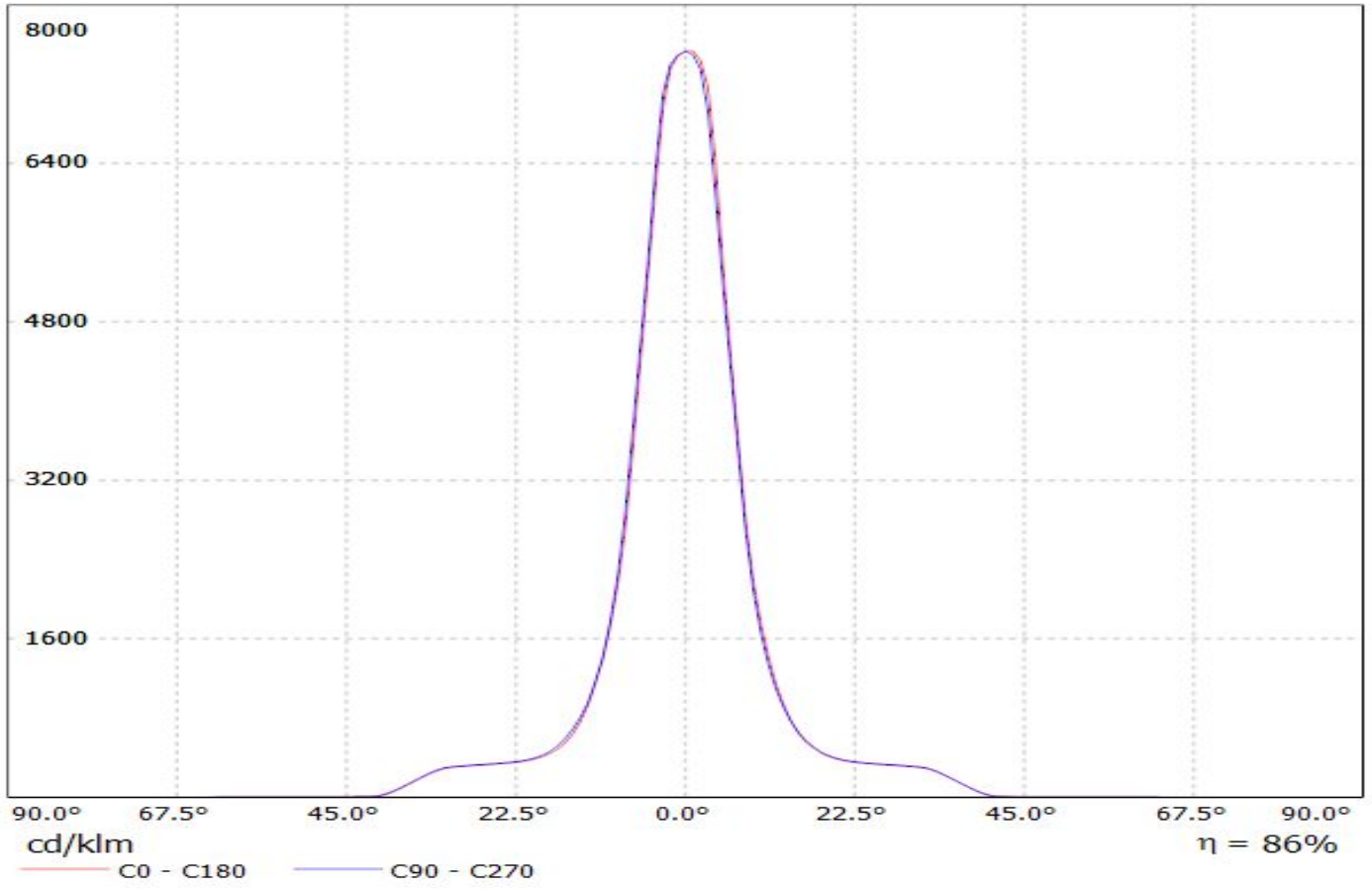


Luminaire: LEDiL Oy F13379_ANGELA-S_(SLE-G5_LES-19)

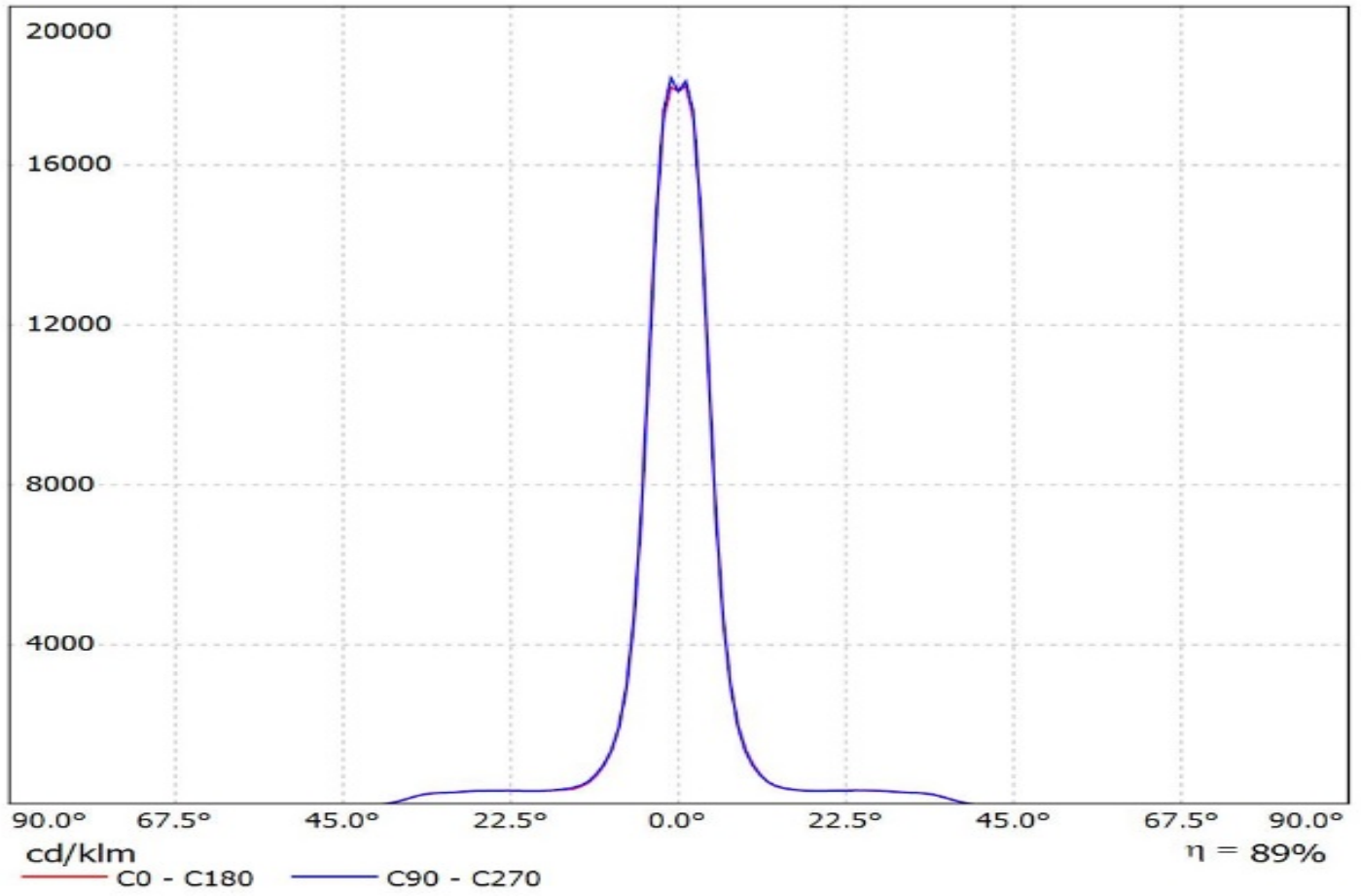
Lamps: 1 x Tridonic_SLE-G5_LES-19_1334.47lm@250mA_P=8.2224W_I=0.250A



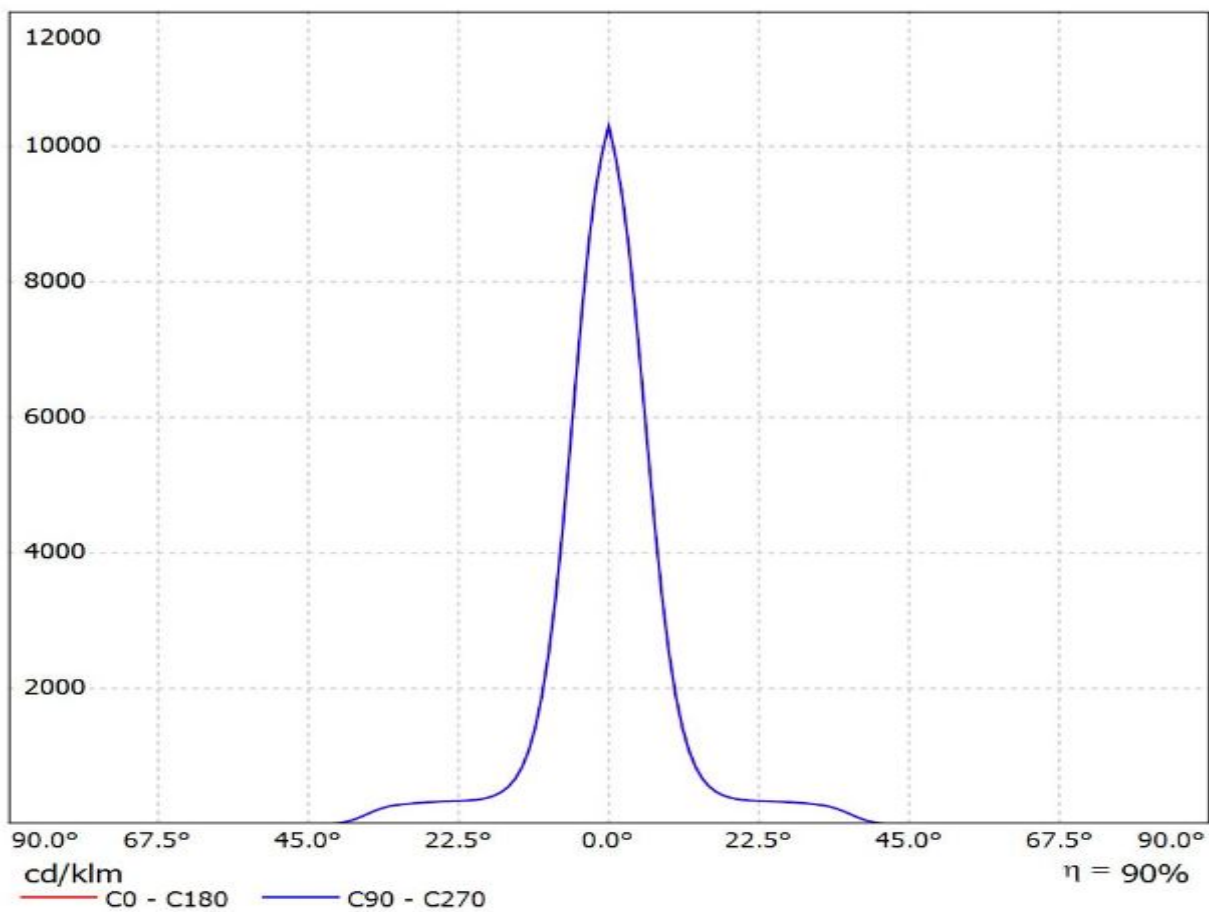
Luminaire: LEDiL Oy F13379_ANGELA-S_(SLE-G5_LES-23)
Lamps: 1 x Tridonic_SLE-G5_LES-23_1377.96lm@250mA_P=8.114W_I=0.250A



Luminaire: Ledil Oy F13379_ANGELA-S_(SLE_G6_LES15)_(2213254-2_+ 2213194-1)_SIMULATED
Lamps: 1 x Tridonic SLE G5 LES15 + Tyco Electronics 2213254-2 + TE 2213194-1 optic clip

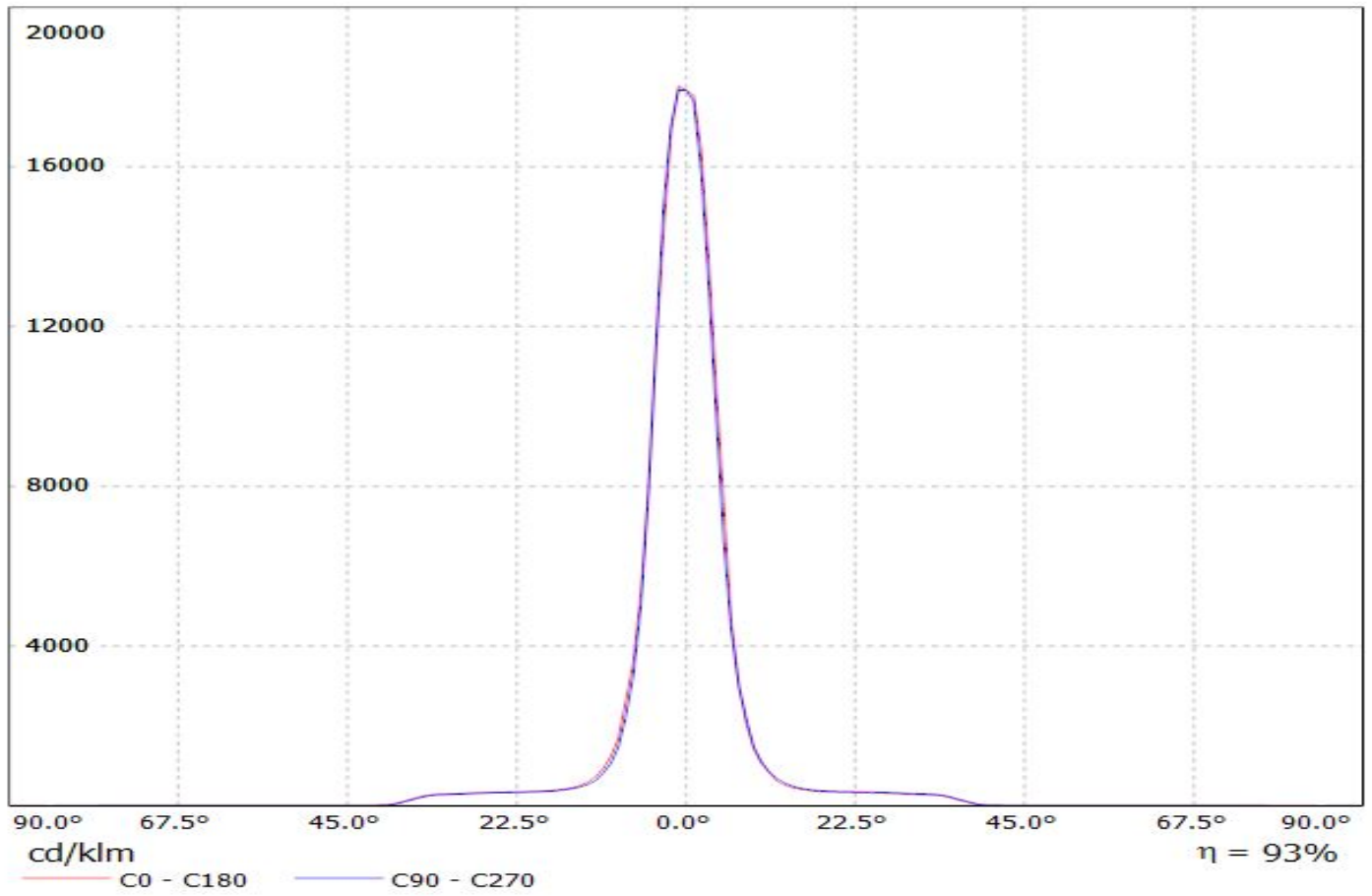


Luminaire: Ledil Oy F13379_ANGELA-S+_TE_2213254-2+_TE_Z50_Type1_TRIDONIC_SLE_G6_LES17_SIMULATED
Lamps: 1 x TRIDONIC SLE G6 LES17



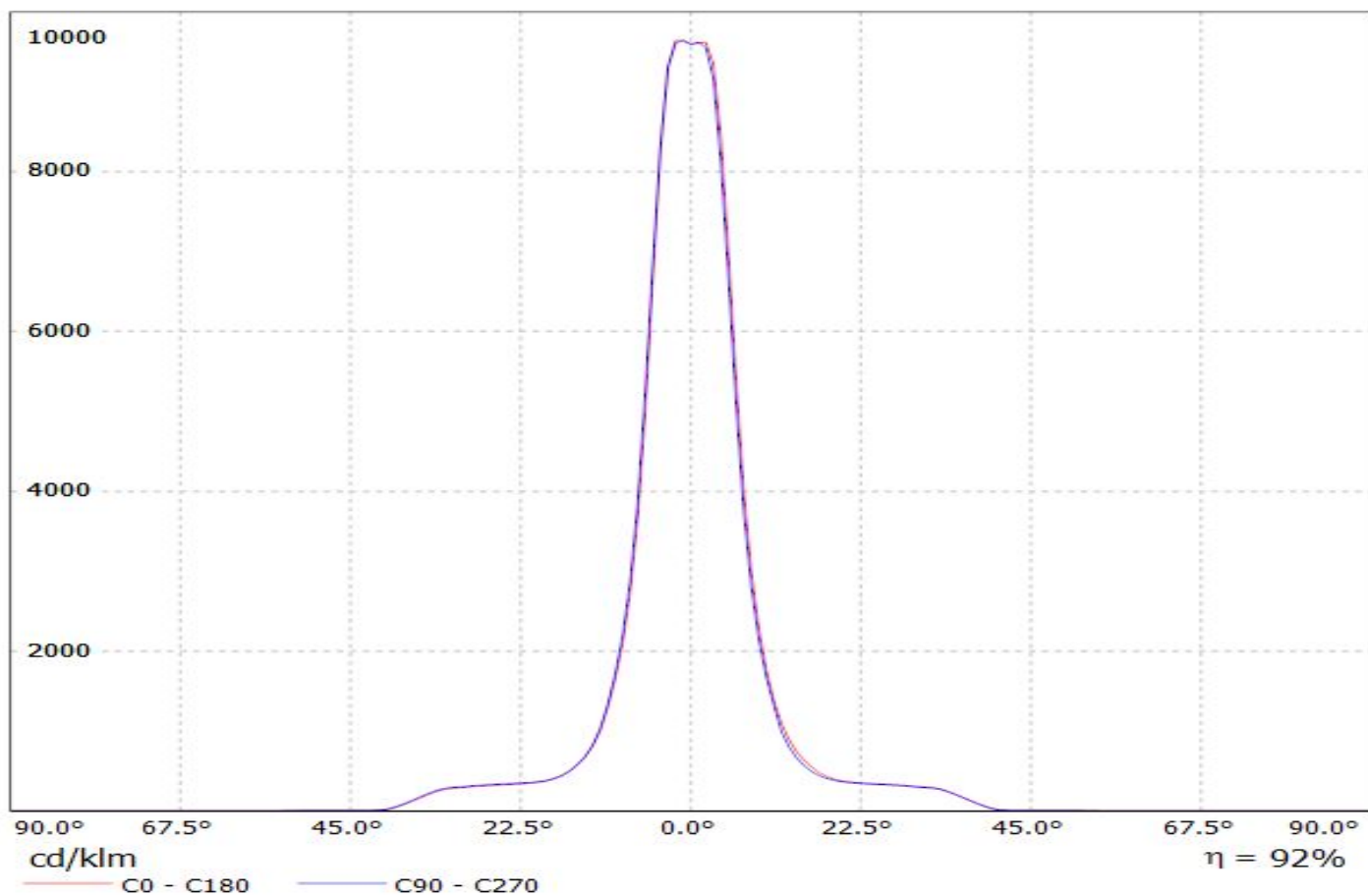
Luminaire: LEDiL Oy F13379_ANGELA-S_(WU-M-461)

Lamps: 1 x Vossloh_WU-M-461_772.769lm@250mA_P=6.27899W_I=249.9mA

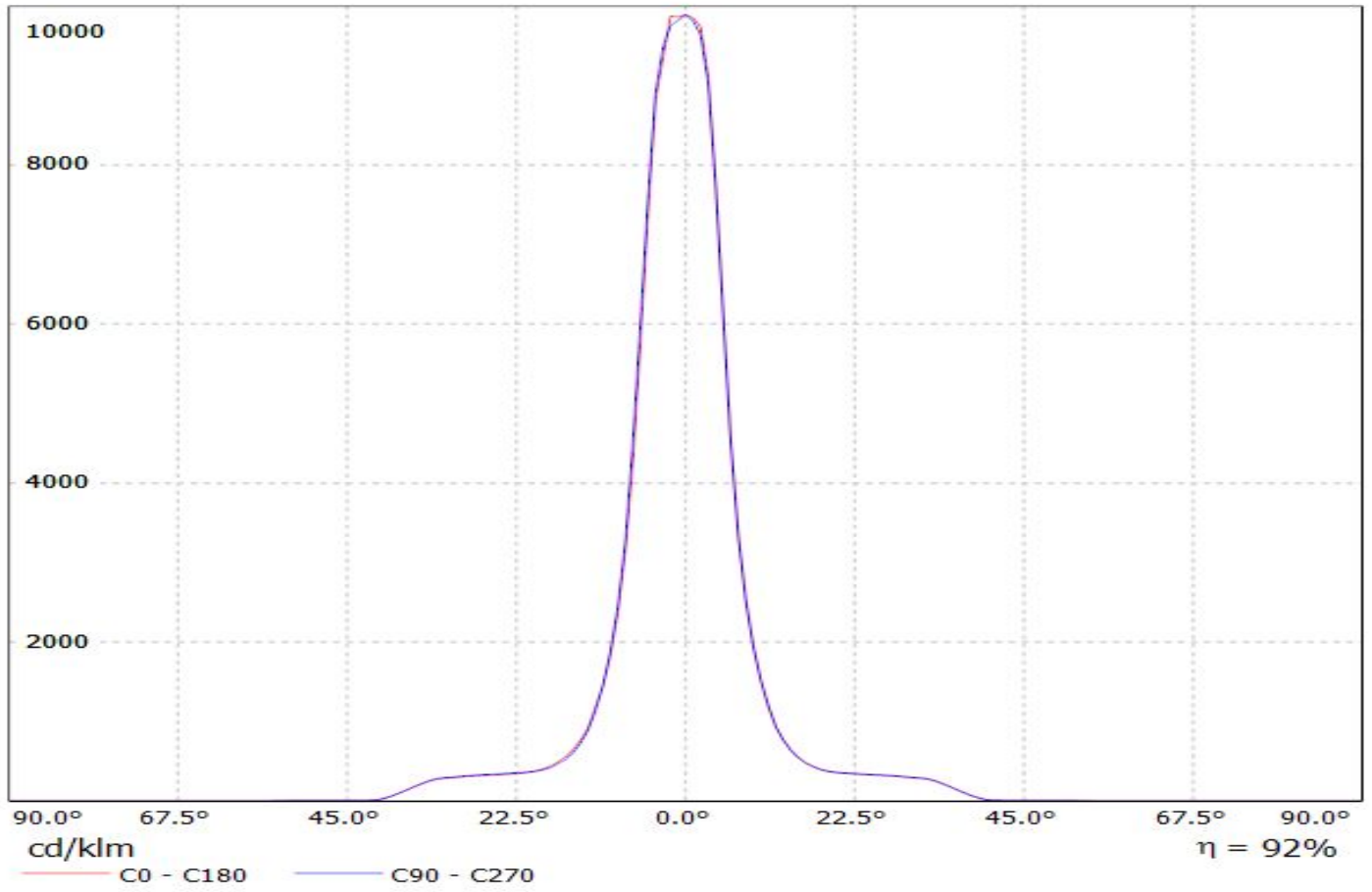


Luminaire: LEDiL Oy F13379_ANGELA-S_(WU-M-462)

Lamps: 1 x Vossloh_WU-M-462_1123.47lm@250mA_P=9.01639W_I=249.9mA

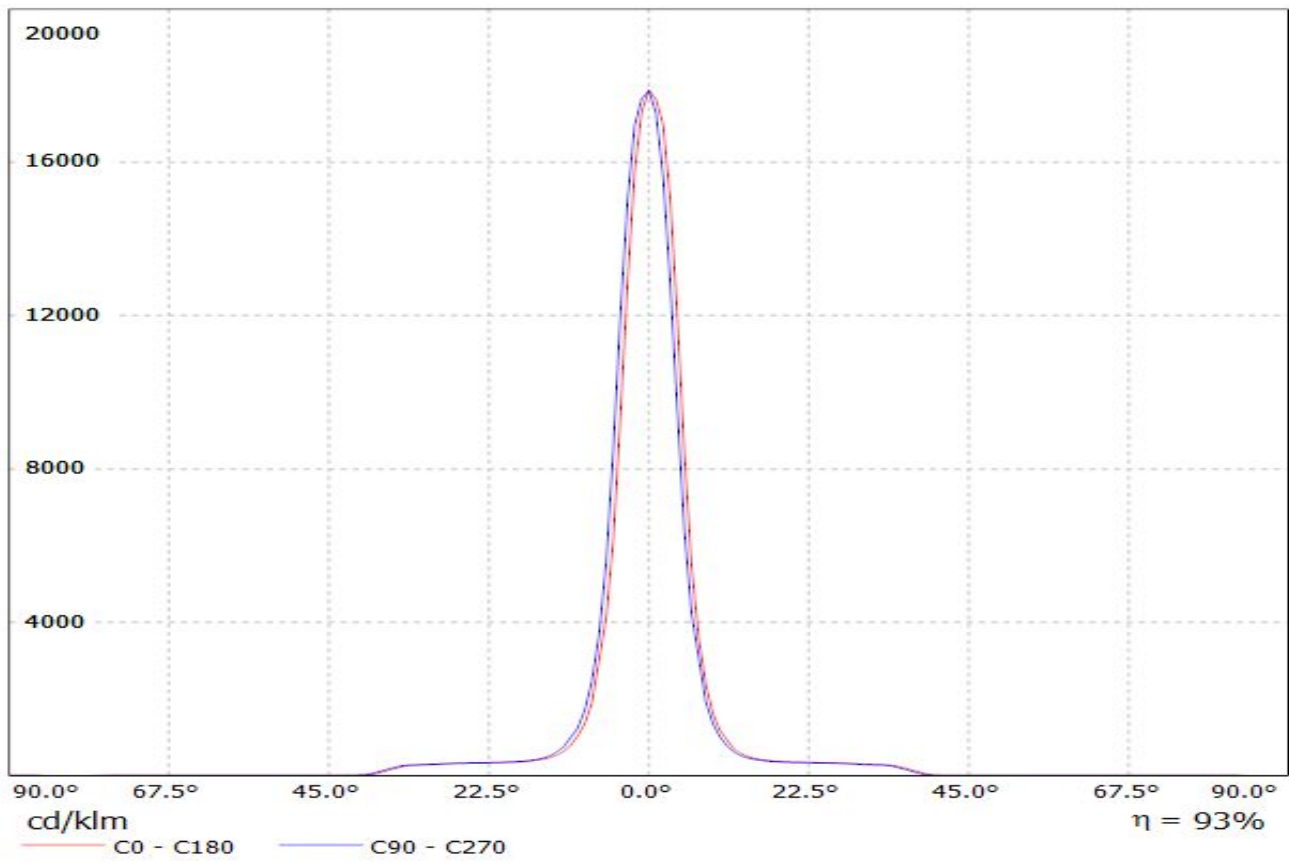


Luminaire: LEDiL Oy F13379_ANGELA-S_(WU-M-464)
Lamps: 1 x Vossloh_WU-M-464_1454.63lm@250mA_P=11.7114W_I=249.8mA



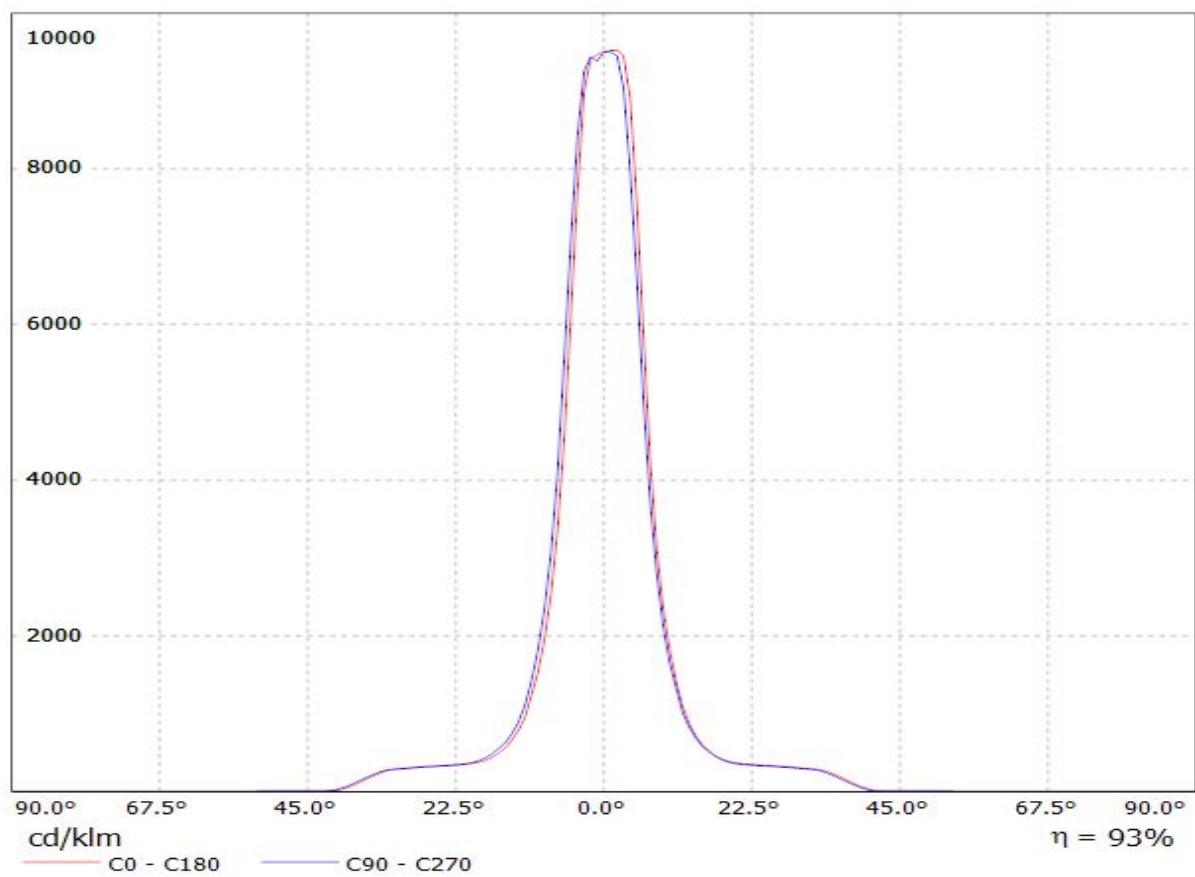
Luminaire: LEDiL Oy F13379_ANGELA-S_(WU-M-484)

Lamps: 1 x Vossloh_Schwabe-WU-M-484_(WU-M-484-830)_657.721lm@250mA_P=5.59451W_I=249.9mA

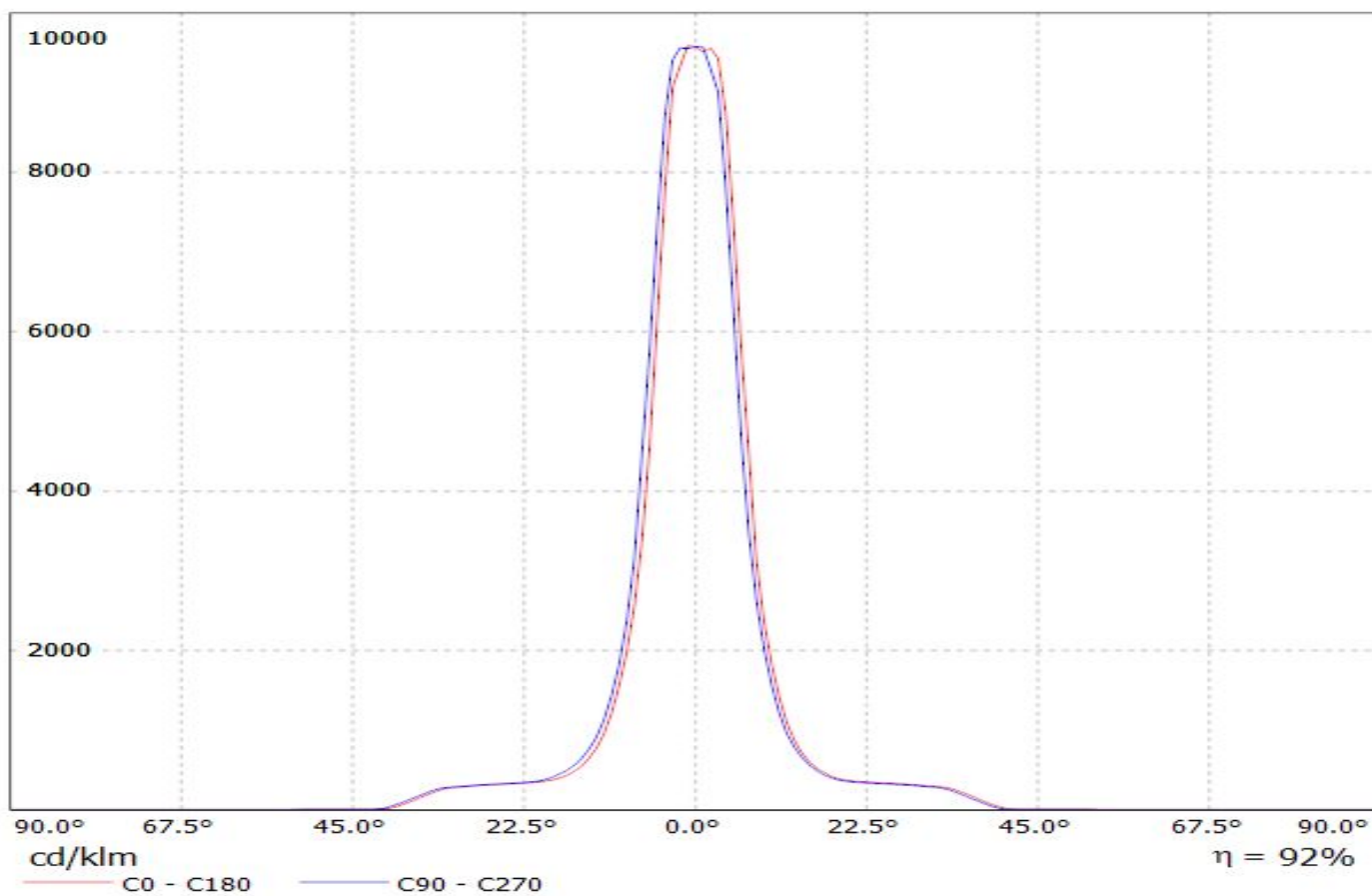


Luminaire: LEDiL Oy F13379_ANGELA-S_(WU-M-485)

Lamps: 1 x Vossloh_Schwabe-WU-M-485_(WU-M-485-830)_1209.62lm@250mA_P=8.43849W_I=249.8mA

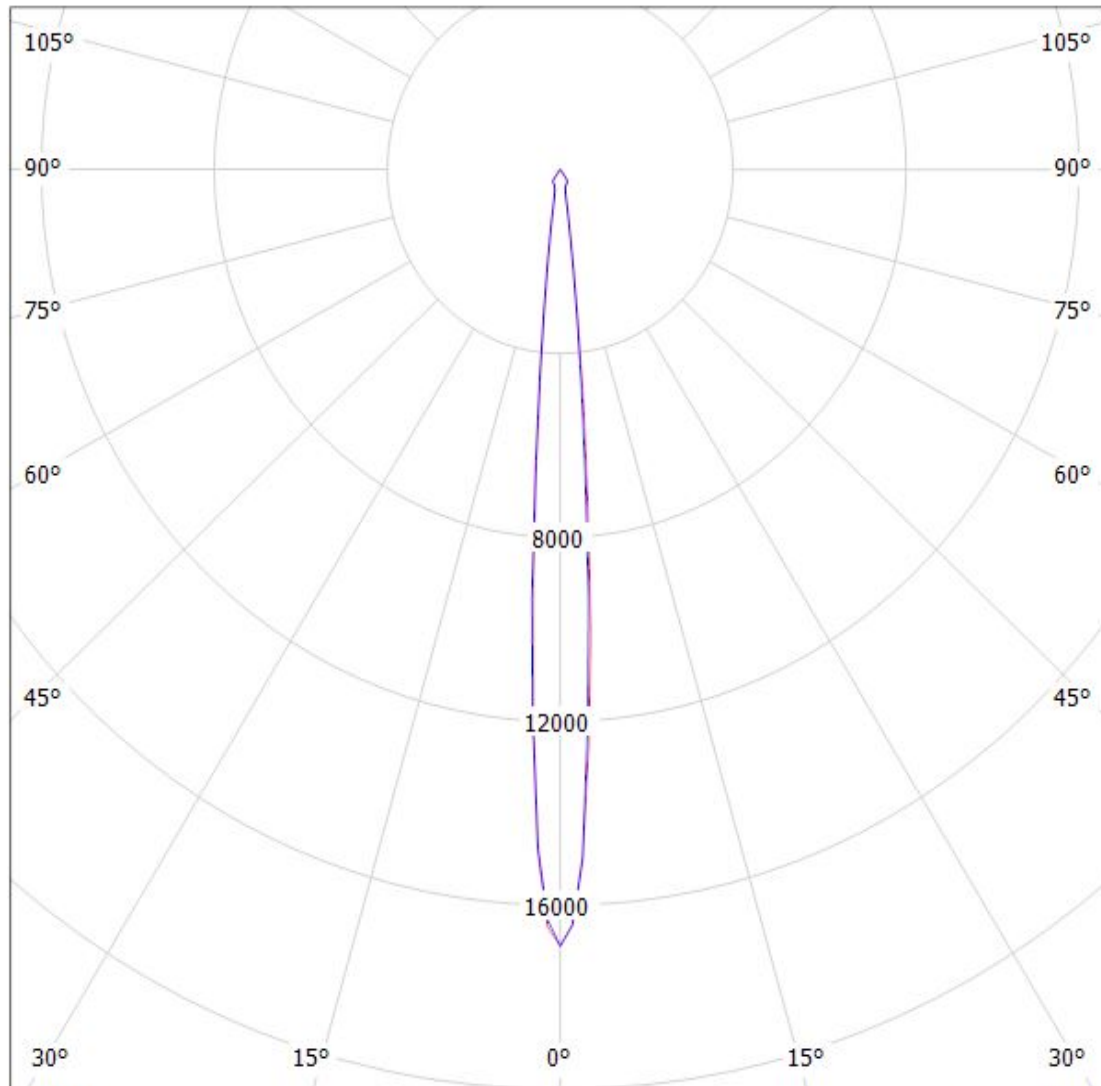


Luminaire: LEDiL Oy F13379_ANGELA-S_(WU-M-486) Eff.92.6%
Lamps: 1 x Vossloh_Schwabe-WU-M-486_(WU-M-486-830)
_1474.55lm@250mA_P=10.4456W_I=249.8mA



Luminaire: LEDiL Oy F13379_ANGELA-S_(V13_Gen7)+TE

Lamps: 1 x Bridgelux_V13_Gen7_(BXRE-30E2000-B_+TE_2213254-2+TE_2213194-1)_1295.55lm@250mA_P=8.30985W_I=0.25A

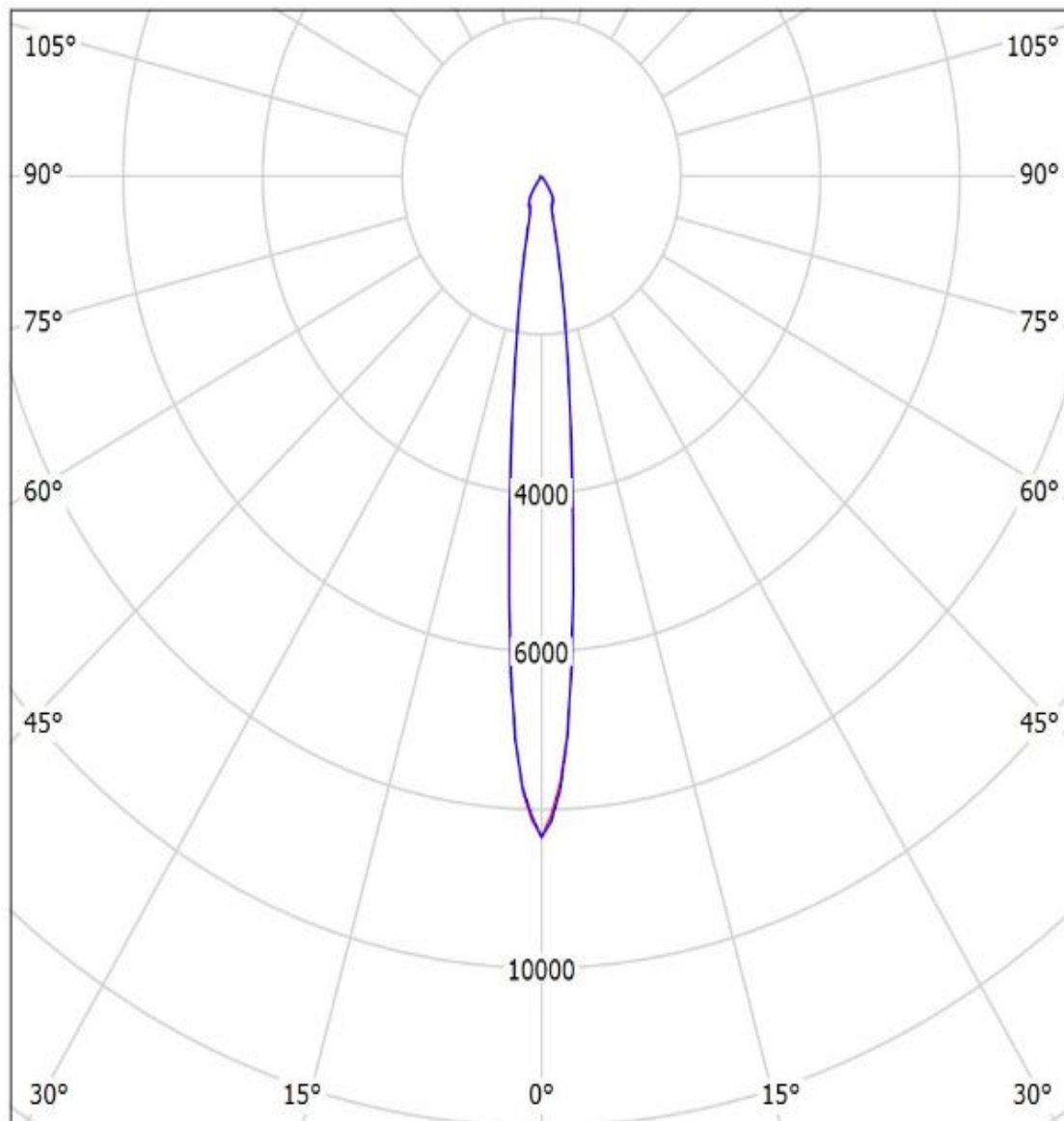


cd/klm

— C0 - C180 — C90 - C270

$\eta = 90\%$

Luminaire: Ledil Oy F13379_ANGELA-S_Bridgelux_V22_Gen7_SIMULATED F13379_ANGELA-S_Bridgelux_V22_Gen7_SIMULATED
Lamps: 1 x F13379_ANGELA-S_Bridgelux_V22_Gen7_SIMULATED



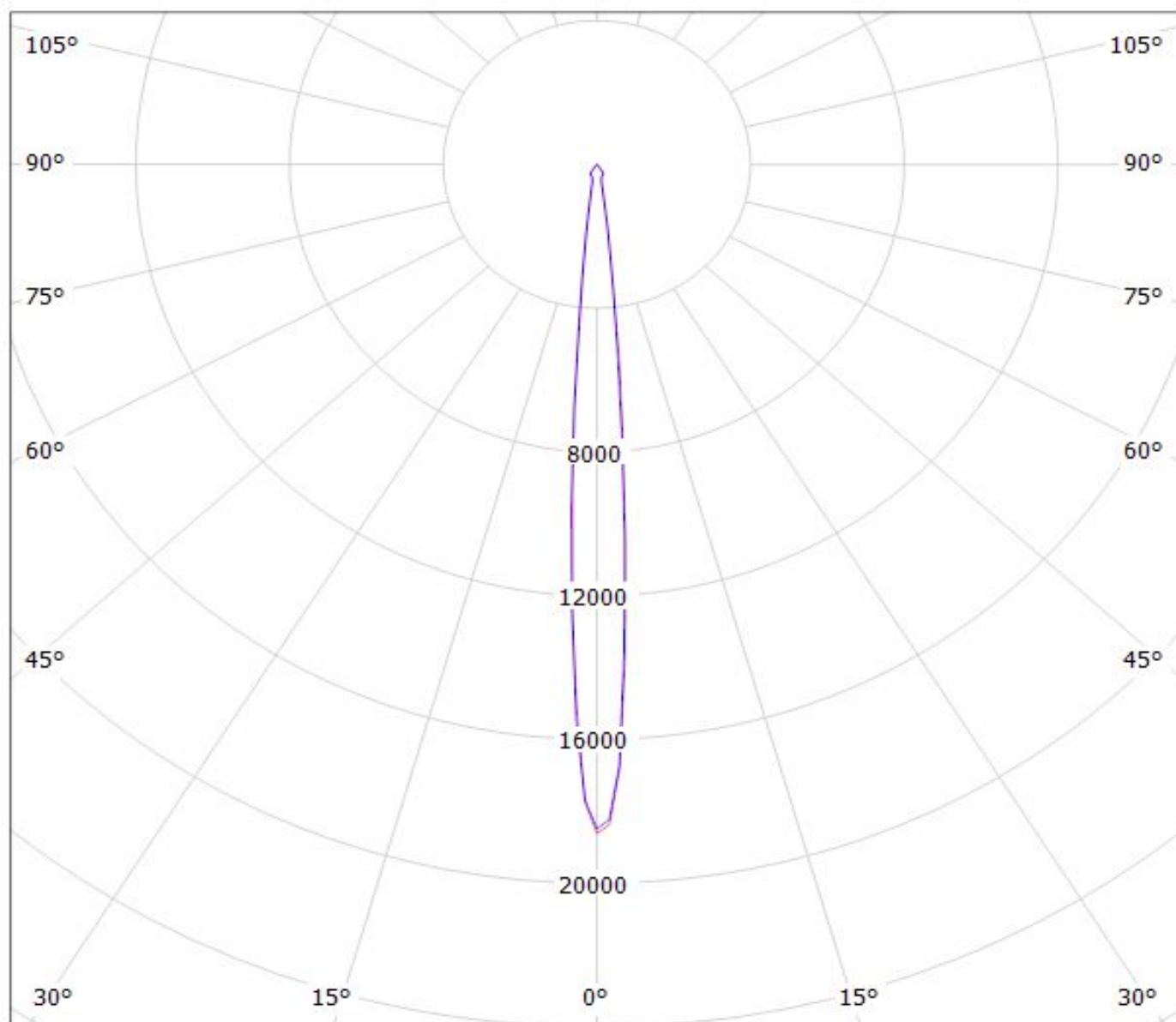
cd/klm

— C0 - C180 — C90 - C270

$\eta = 93\%$

Luminaire: LEDiL Oy F13379_ANGELA-S_(CLL030) Eff.93.7%

Lamps: 1 x CITIZEN_CLL030_(CLL030-1206A1-303M1A2)_982.337lm@250mA_P=8.39814W_I=249.9mA



cd/klm

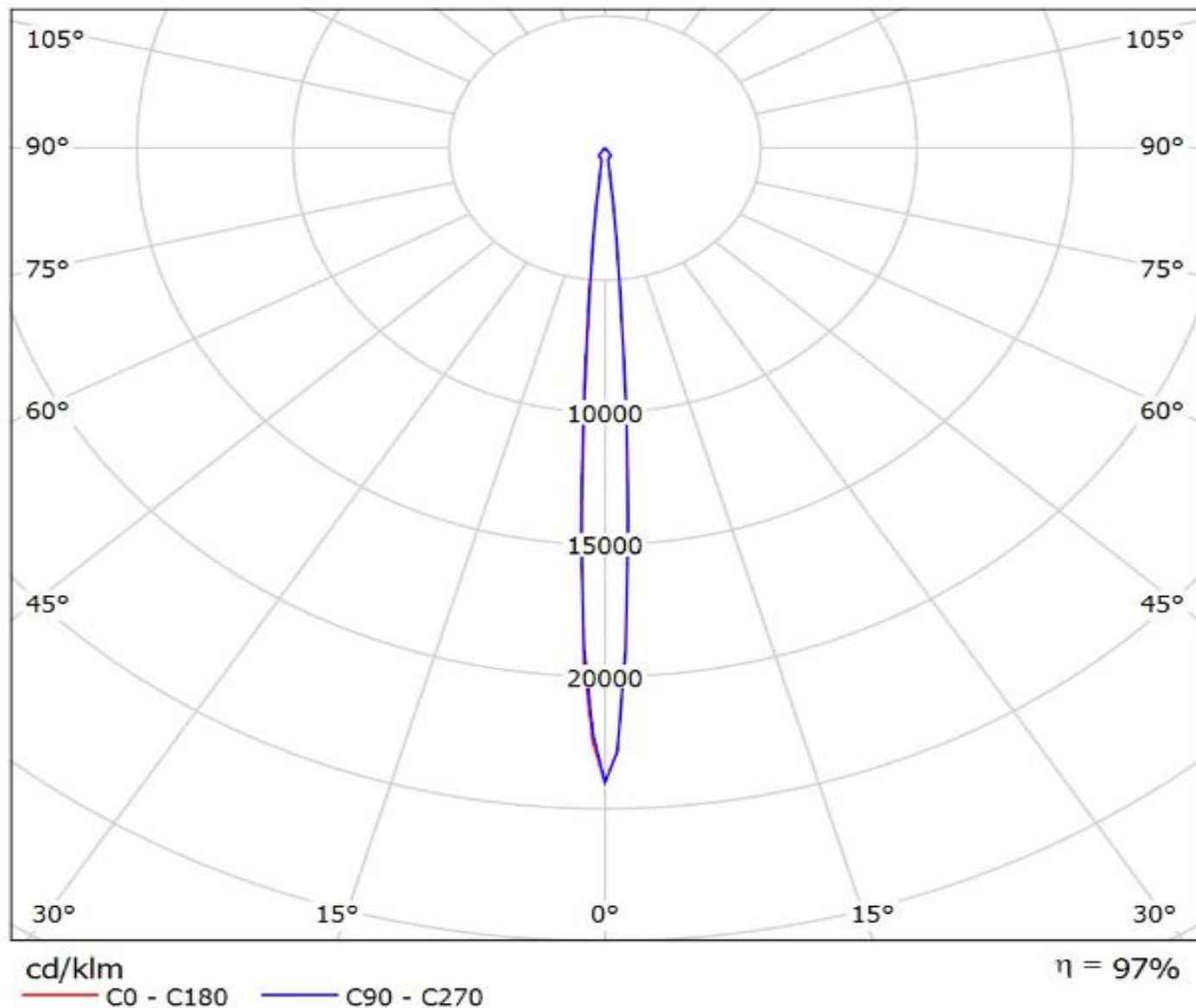
$\eta = 93\%$

— C0 - C180

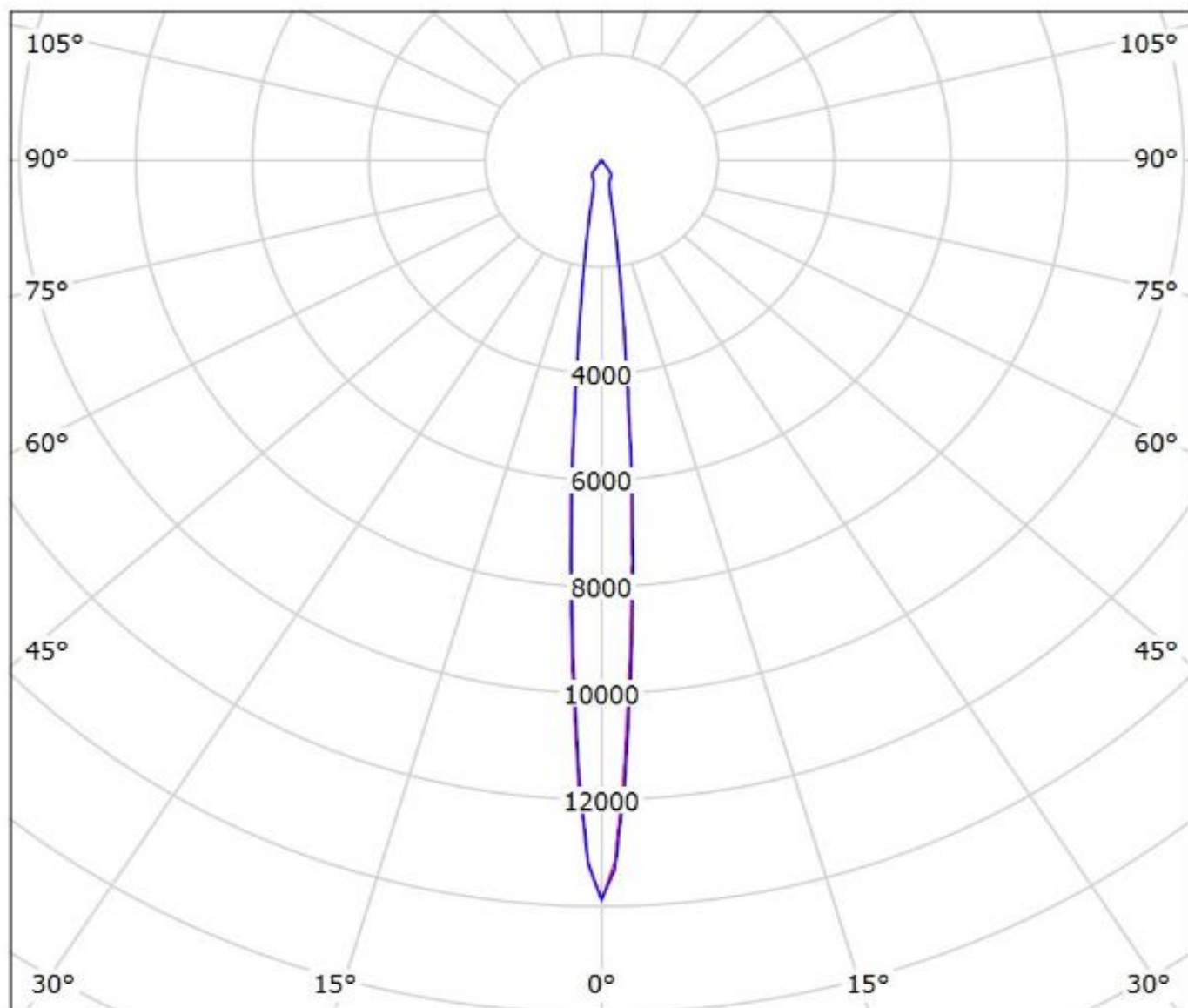
— C90 - C270

Ledil F13379_ANGELA-S_(CLU720) / LDC (Polar)

Luminaire: Ledil F13379_ANGELA-S_(CLU720)
Lamps: 1 x CITIZEN_CLU720_(CLU720-1206B8-273M2)
_1344.79lm@250mA_CCT=2700K_P=8.35W_I=0.25A



Luminaire: Ledil F13379_ANGELA-S_(CLU036+IDEAL)
Lamps: 1 x CITIZEN_CLU036_(-1208C1-303M2G2)_IDEAL_50-2103CT+50-2100AN_1299.86lm@250mA_CCT=3000K_P=8.249W_I=0.25A

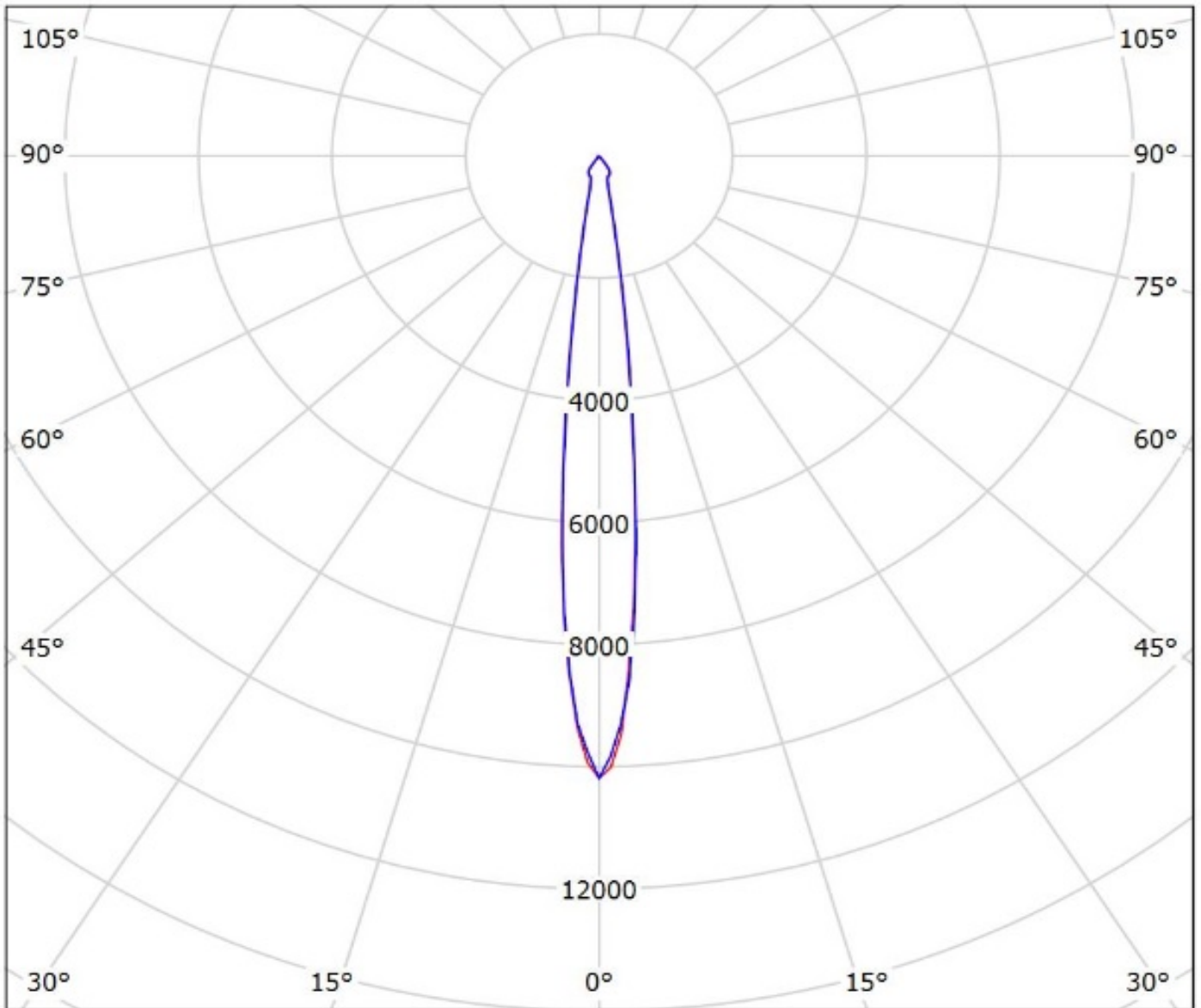


cd/klm

— C0 - C180 — C90 - C270

$\eta = 88\%$

Luminaire: Ledil Oy F13379_ANGELA-S_(CXB1830)_(Lumawise_Z50_STD_Profile_1818_2213401-2+Optic_Clip_2213194-1)_SIMULATED
Lamps: 1 x Cree CXB1830 + Tyco Electronics 2213401-2 + TE Optic clip 2213194-1

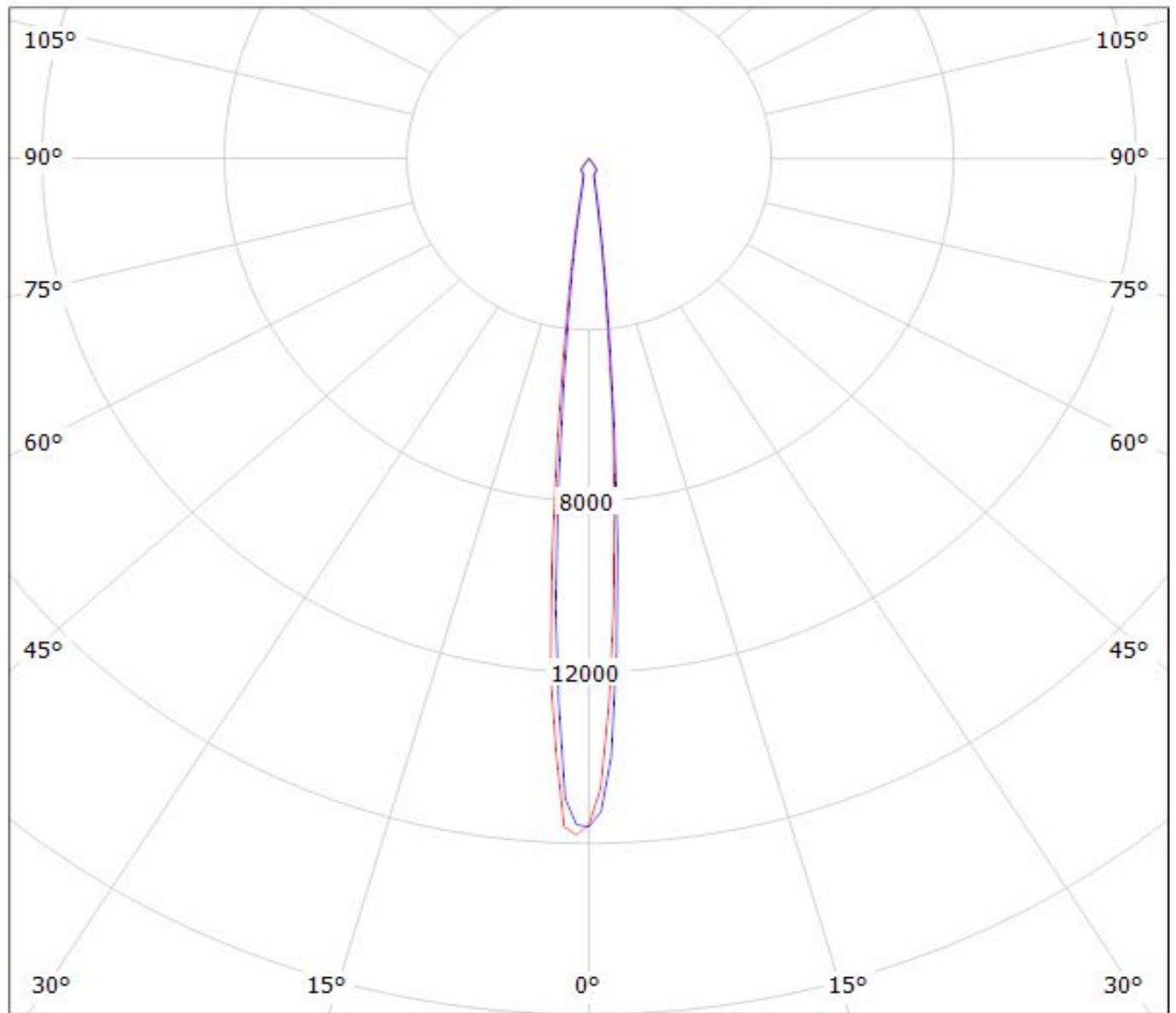


cd/klm

— C0 - C180 — C90 - C270

$\eta = 88\%$

Luminaire: LEDiL Oy F13379_ANGELA-S_(COB_1208) Eff.93.7%
Lamps: 1 x Luxeon_COB_1208_1028.07lm@250mA_P=8.23995W_I=249.9mA

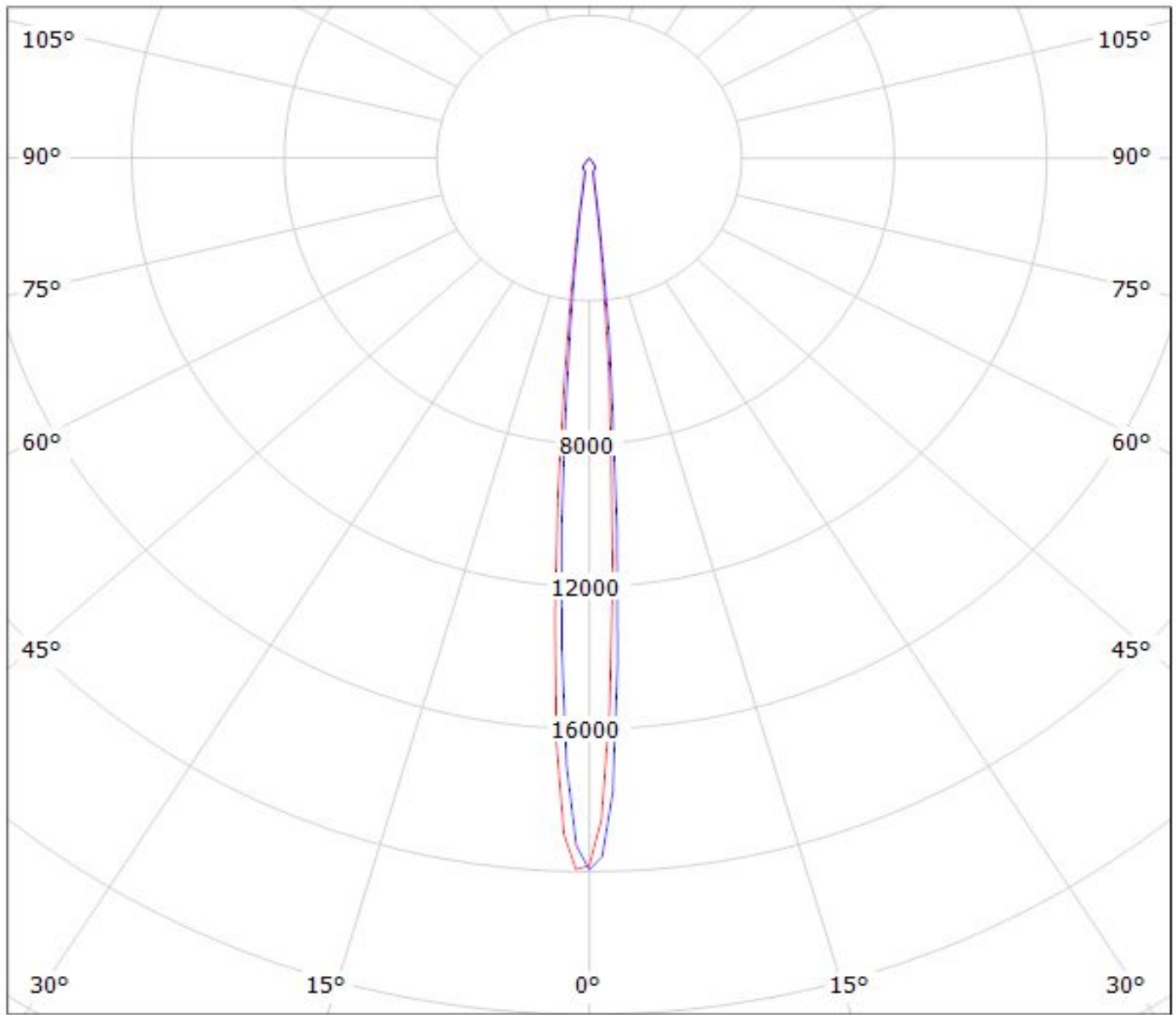


cd/klm

— C0 - C180 — C90 - C270

$\eta = 93\%$

Luminaire: LEDiL Oy F13379_ANGELA-S_(COB_1205) Eff.94.0%
Lamps: 1 x Luxeon_COB_1205_1092.75lm@250mA_P=8.33092W_I=249.9mA



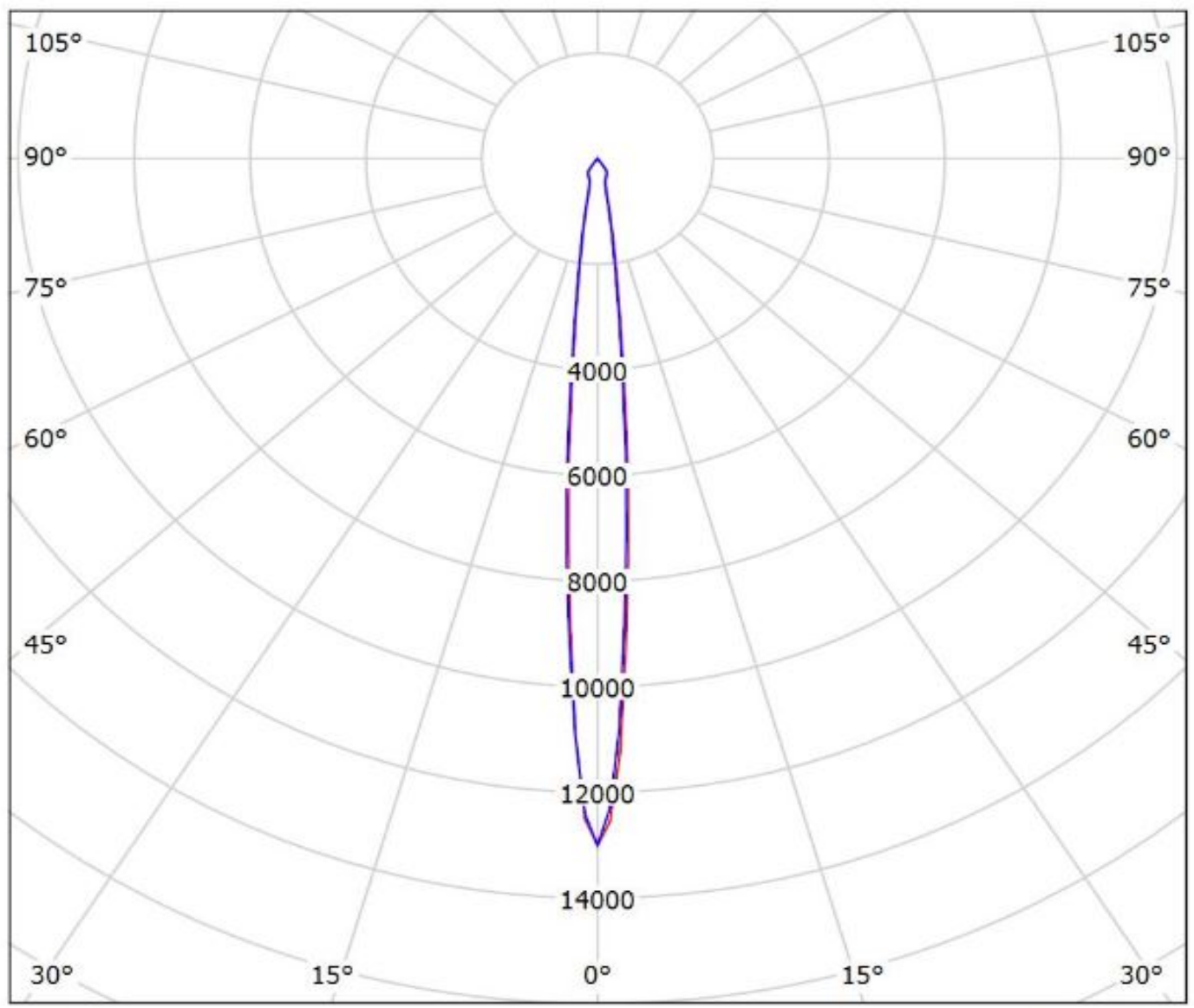
cd/klm

$\eta = 94\%$

— C0 - C180

— C90 - C270

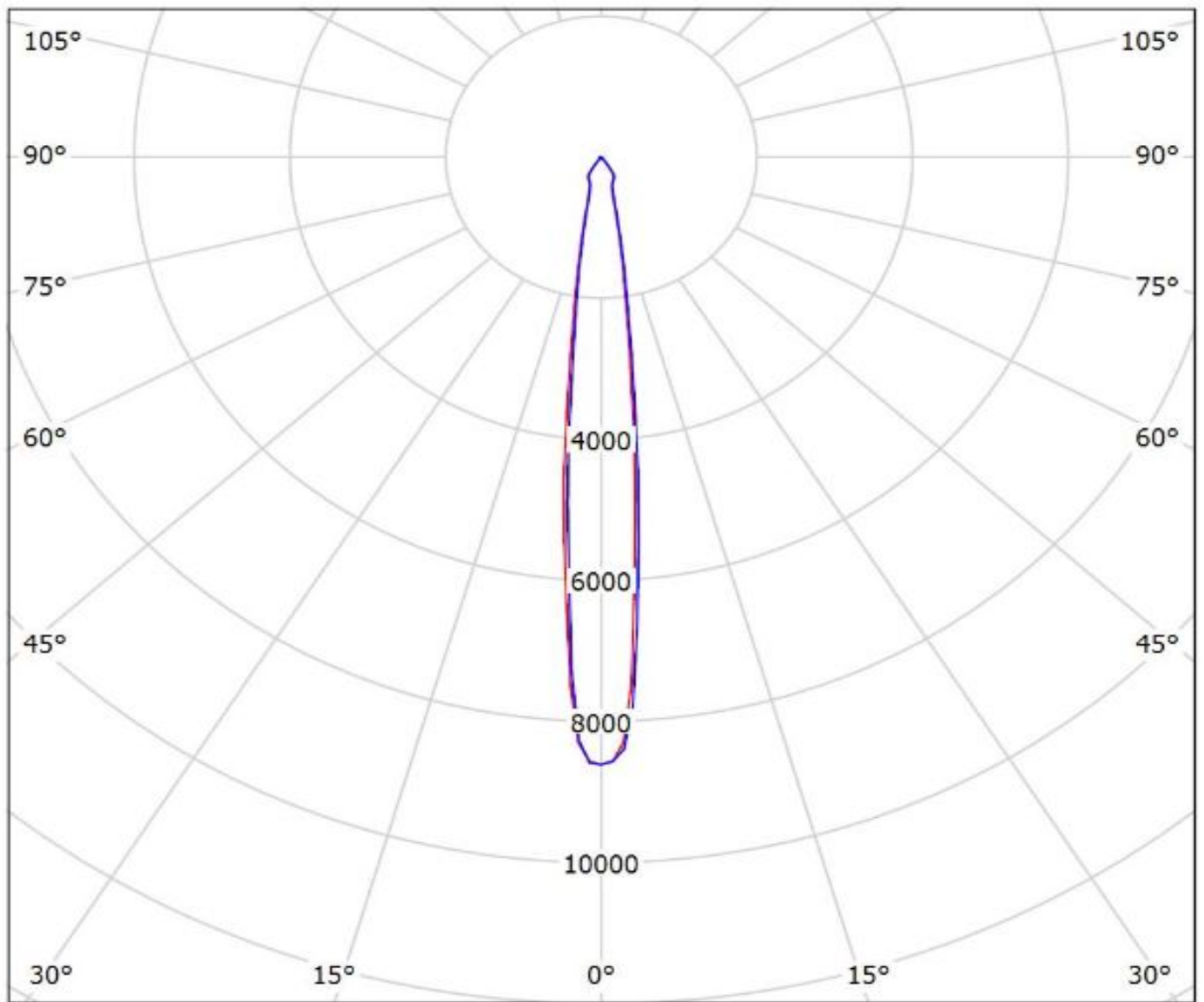
Luminaire: Ledil F13379_ANGELA-S_(CoB1208+IDEAL)
Lamps: 1 x Luxeon_CoB1208_+_50-2100SH+50-
2100AN_1062.11lm@250mA_CCT=3000K_P=8.3007W_I=0.25A



cd/klm
— C0 - C180 — C90 - C270

$\eta = 89\%$

Luminaire: Ledil F13379_ANGELA-S_(CoB1211+IDEAL)
Lamps: 1 x Luxeon_CoB1211_(L2C2-4080)_50-2204CT+50-2100AN_1376.18lm@250mA_P=7.9988W_I=0.25A

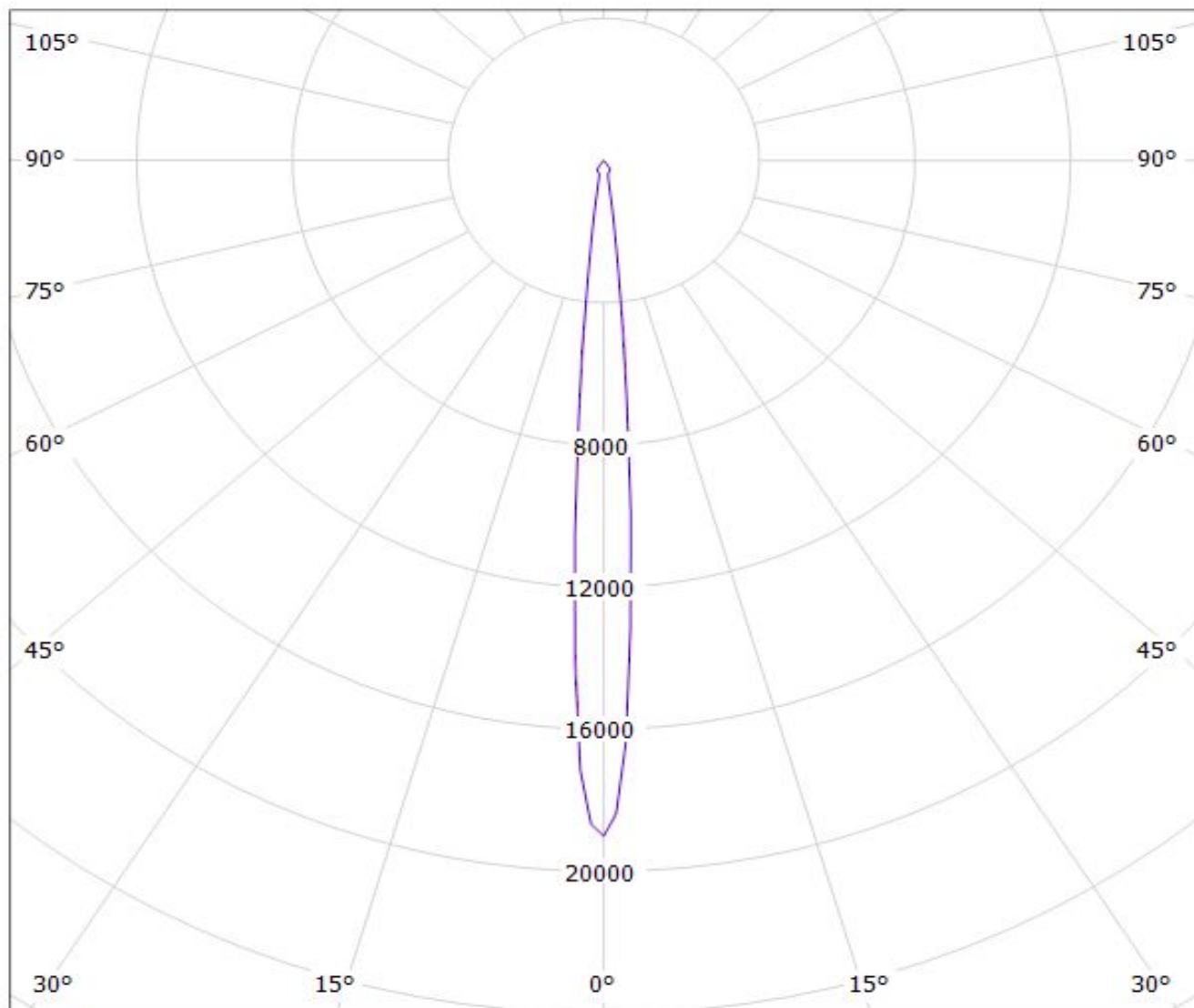


cd/klm
— C0 - C180 — C90 - C270

$\eta = 88\%$

Luminaire: LEDiL Oy F13379_ANGELA-S_(CXM-14)

Lamps: 1 x LUMINUS_CXM-14_1114.36lm@250mA_P=8.36106W_I=249.8mA

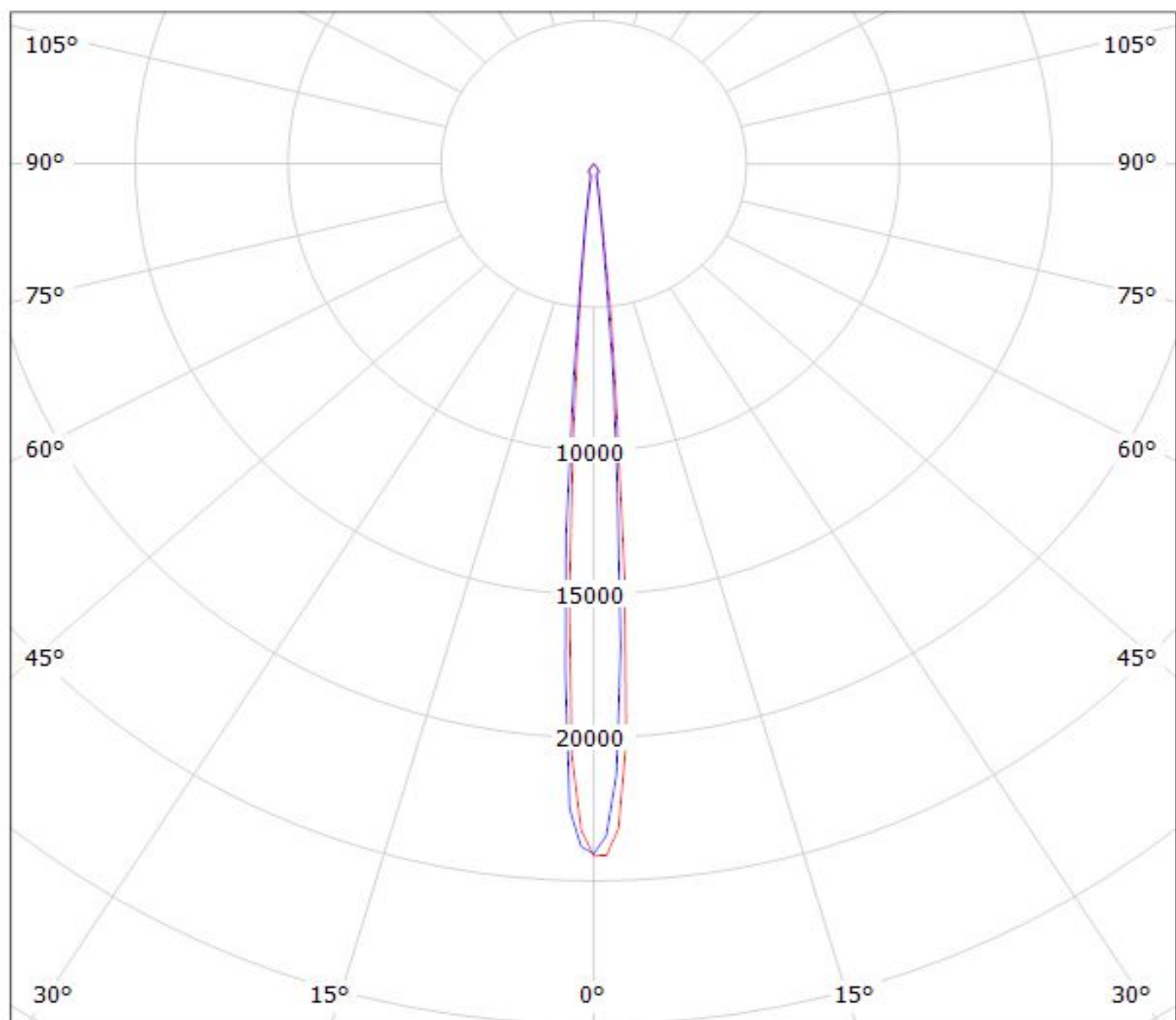


cd/klm

$\eta = 94\%$

— C0 - C180 — C90 - C270

Luminaire: LEDiL Oy F13379_ANGELA-S_(NSBxL121A) Eff.95.0%
Lamps: 1 x Nichia_NSBxL121A_920.44lm@250mA_P=7.57797W_I=249.9mA



cd/klm

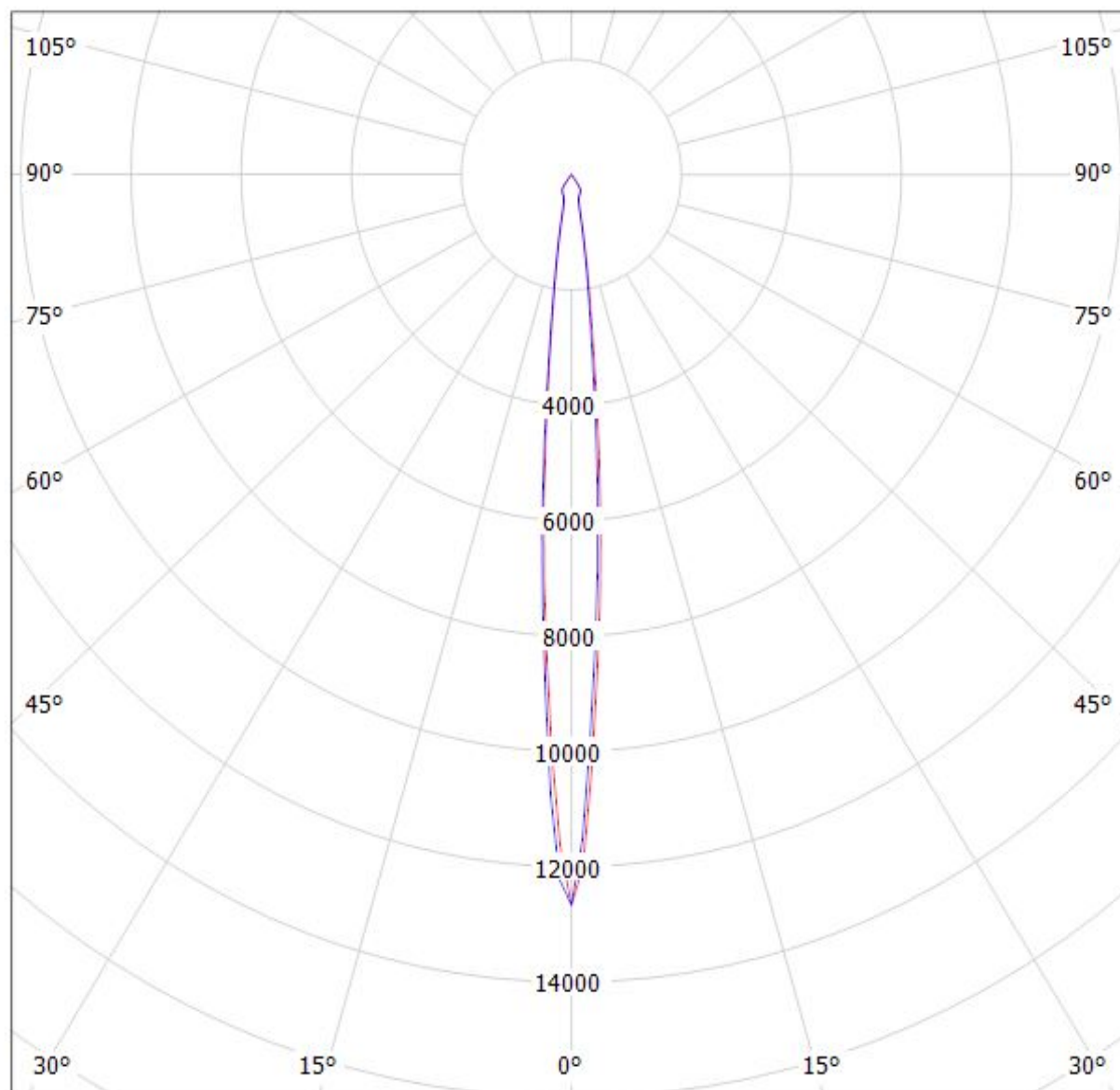
— C0 - C180

— C90 - C270

$\eta = 94\%$

Luminaire: LEDiL Oy F13379_ANGELA-S_(NFDLJ130B+IDEAL)

Lamps: 1 x Nichia_NFDLJ130B_+50-2103NC_+50-2100AN_1422.52lm@250mA_CCT=4000K_P=8.91686W_I=0.25A



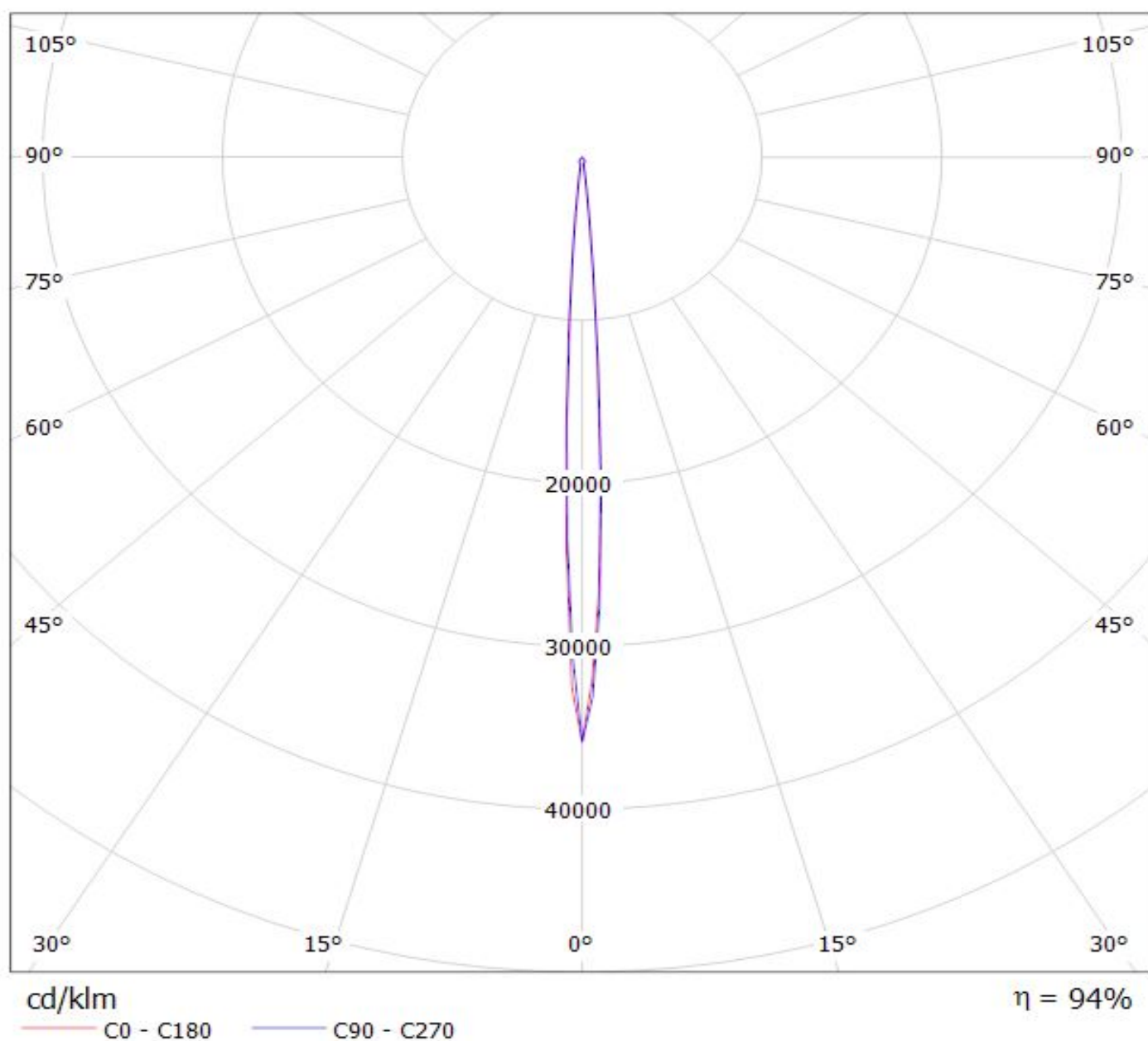
cd/klm

— C0 - C180

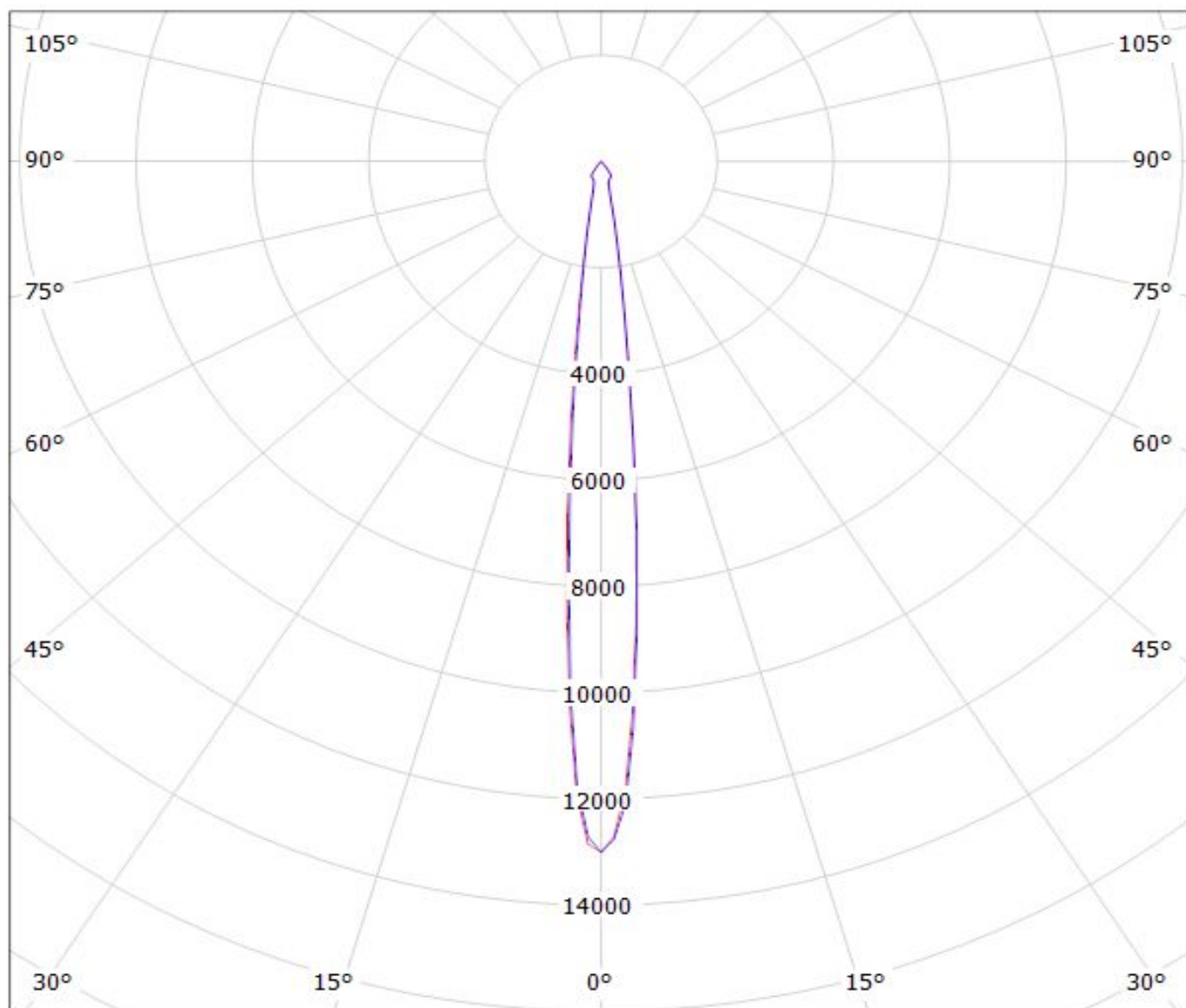
— C90 - C270

$\eta = 91\%$

Luminaire: LEDiL Oy F13379_ANGELA-S_(PrevaLED_LES9)
Lamps: 1 x Osram_PrevaLED_Core_Z3_LES9_(PL-CORE-1100-830-Z3)
_1142.1lm@250mA_P=12.1952W_I=249.8mA



Luminaire: LEDiL Oy F13379_ANGELA-S_(PrevaLED_LES19)
Lamps: 1 x Osram_PrevaLED_CORE_Z3_LES19_(PL-CORE-2000-830-Z3)
_1356.73lm@250mA_P=10.5228W_I=249.9mA

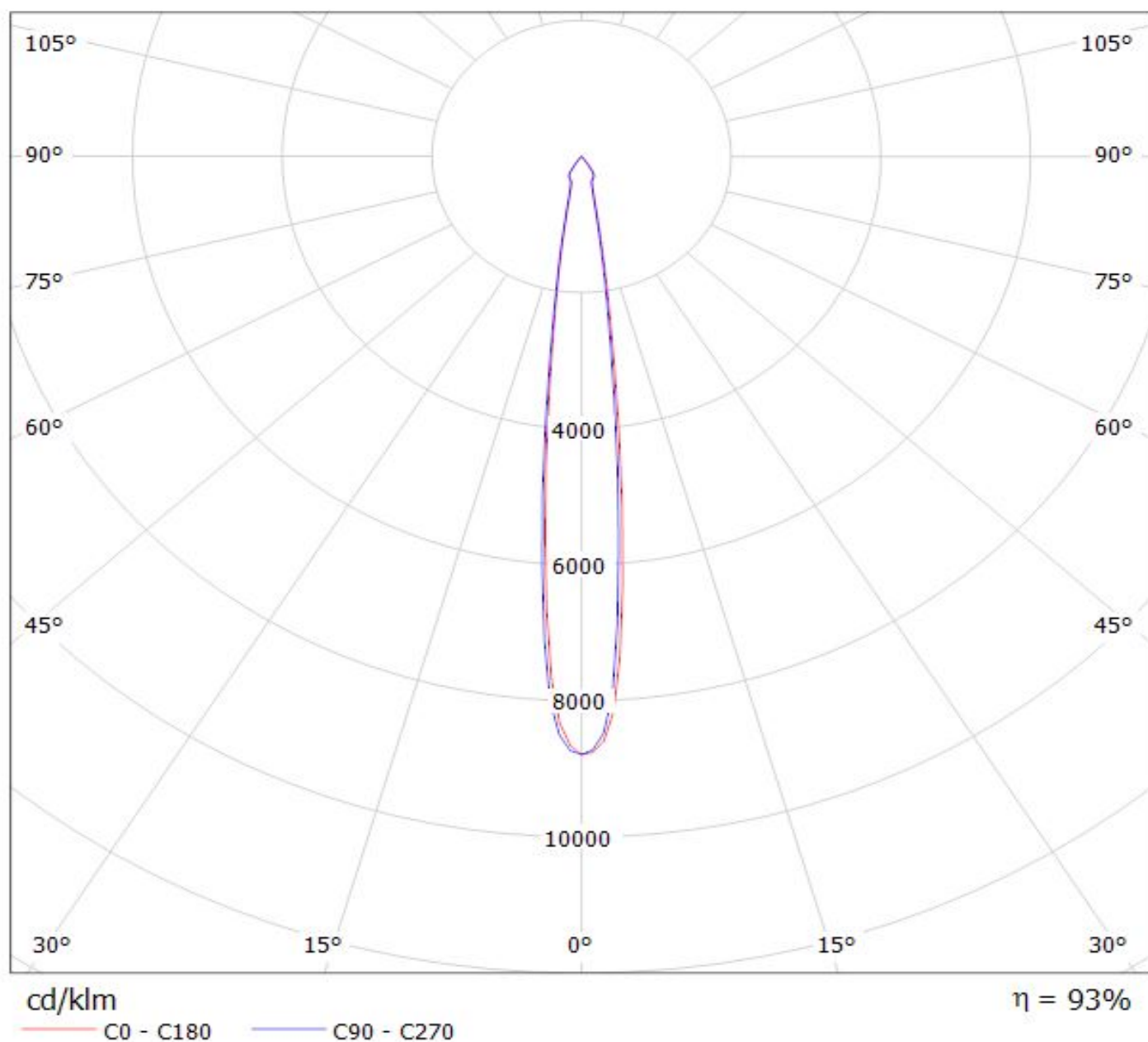


cd/klm

— C0 - C180 — C90 - C270

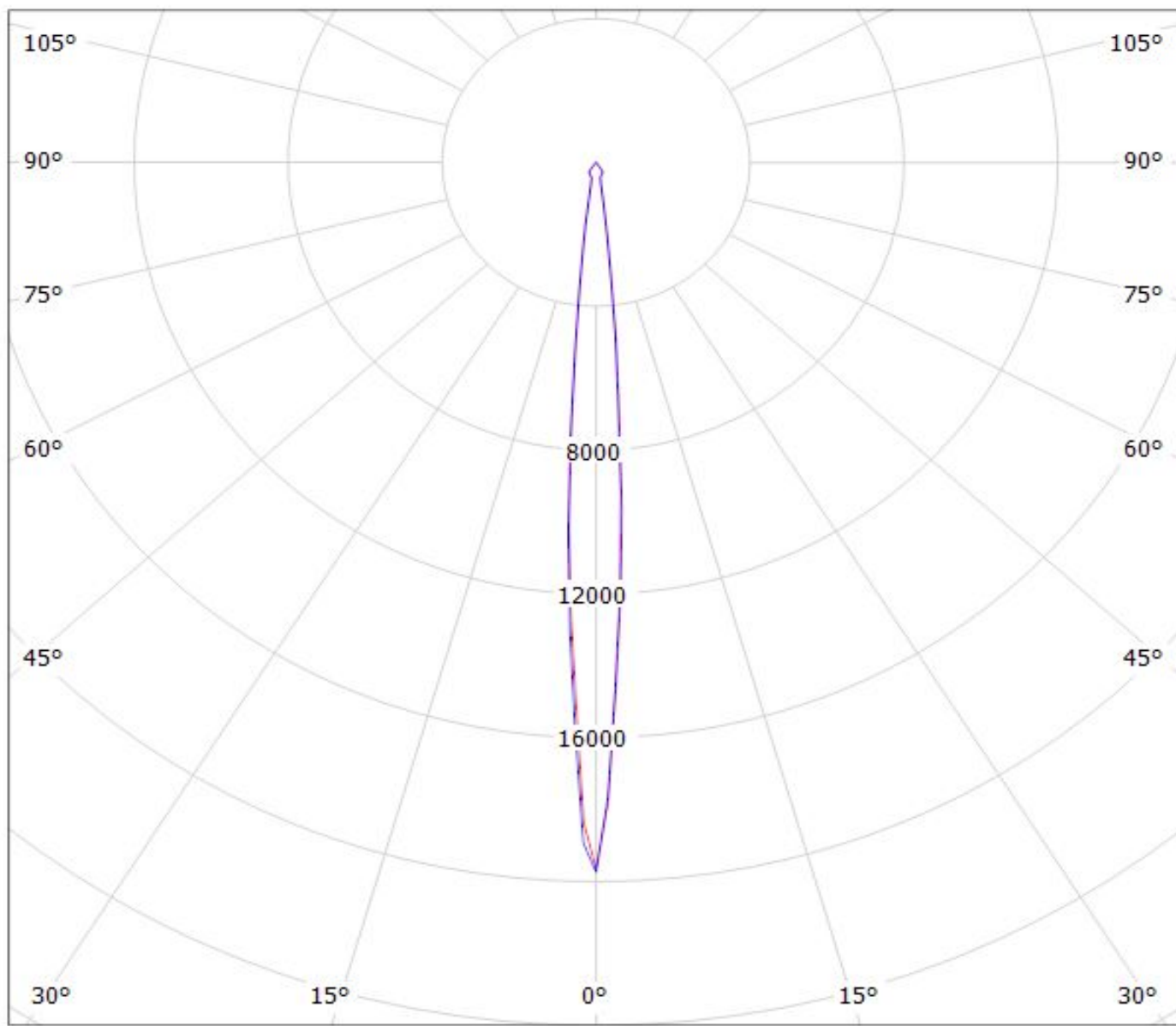
$\eta = 93\%$

Luminaire: LEDiL Oy F13379_ANGELA-S_(PrevaLED_LES23)
Lamps: 1 x Osram_PrevaLED_Core_Z3_LES23_(PL-CORE-5000-930-Z3)
_1130.05lm@250mA_P=10.0097W_I=249.9mA



Luminaire: LEDiL Oy F13379_ANGELA-S_(LEP-800-827-C-AC) Eff.94%

Lamps: 1 x Osram_PrevaLED_Core-AC_(LEP-800-827-C-AC)_914.023lm@60mA_P=14W_I=60mA



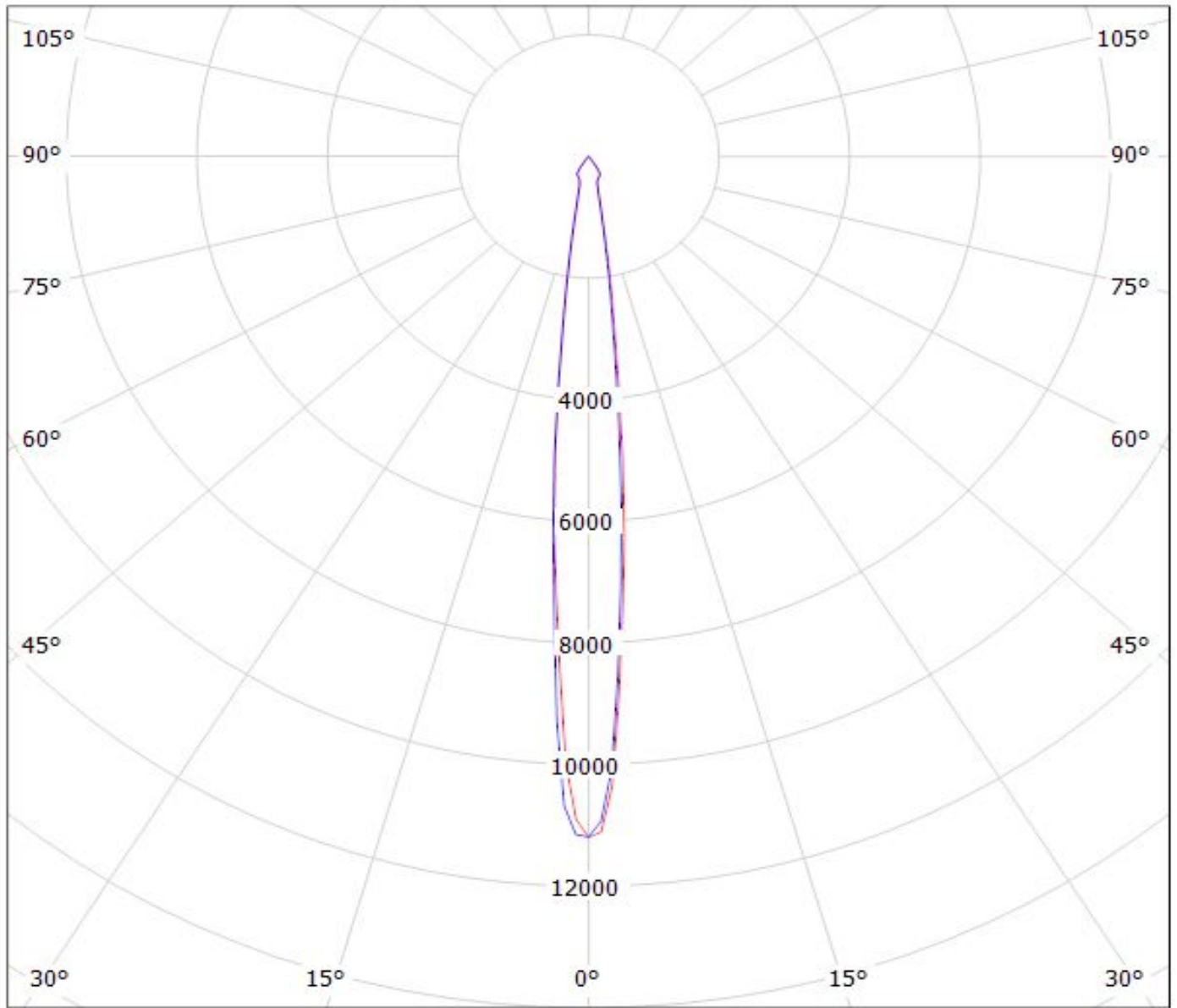
cd/klm

$\eta = 94\%$

— C0 - C180

— C90 - C270

Luminaire: LEDiL Oy F13379_ANGELA-S_(LEP-2000-827-C-AC) Eff.91.7%
Lamps: 1 x Osram_PrevaLED_Core-AC_(LEP-2000-827-C-AC)_1967.74lm@120mA_P=27.2W_I=120mA

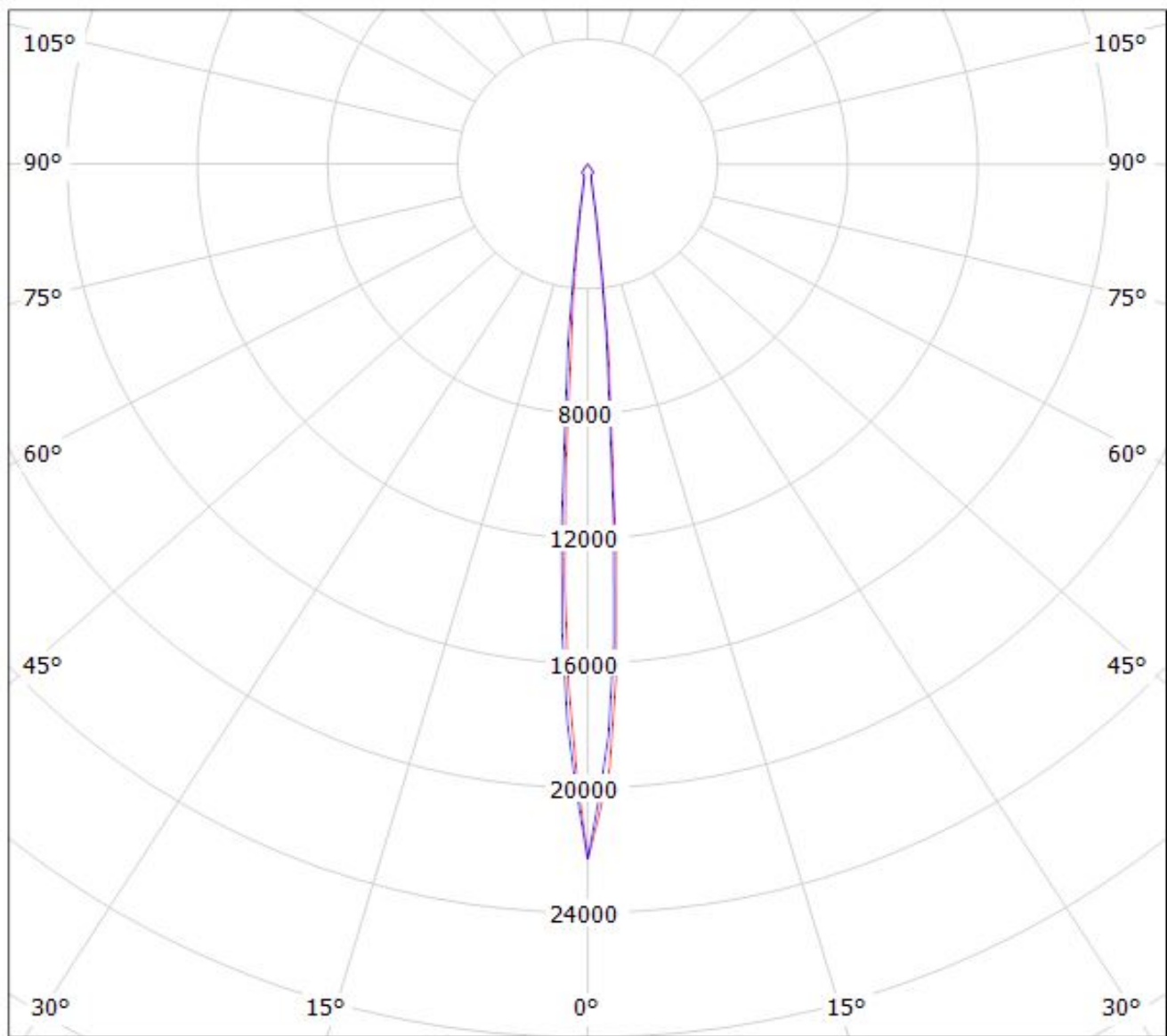


cd/klm
— C0 - C180 — C90 - C270

$\eta = 91\%$

Luminaire: LEDiL Oy F13379_ANGELA-S_(SOLERIQ_S13)

Lamps: 1 x Osram_SOLERIQ_S13_877.374lm@250mA_P=7.44379W_I=249.8mA



cd/klm

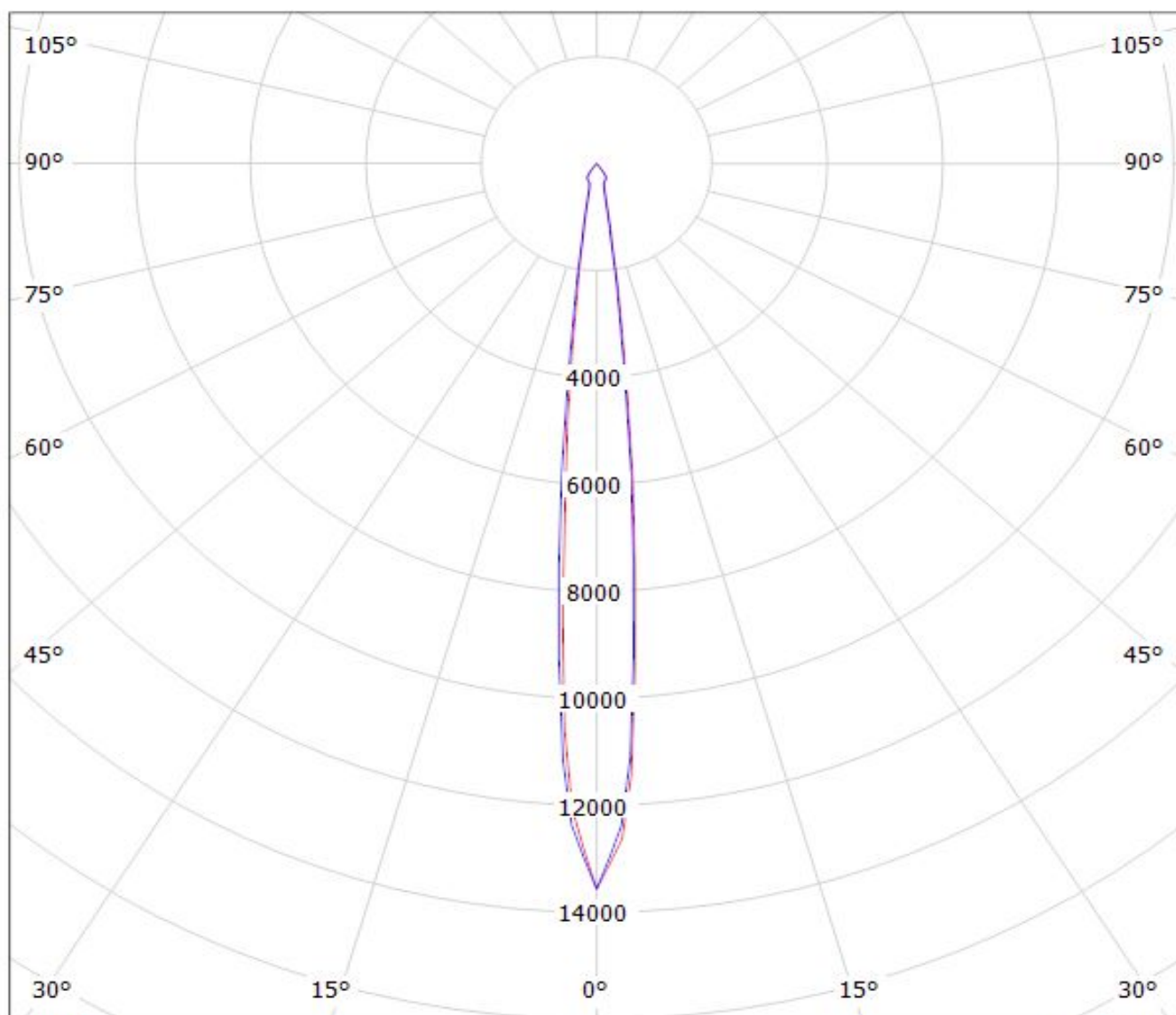
$\eta = 95\%$

— C0 - C180

— C90 - C270

Luminaire: LEDiL Oy F13379_ANGELA-S_(SOLERIQ_S19)

Lamps: 1 x Osram_SOLERIQ_S19_1390.09lm@250mA_P=10.5413W_I=249.8mA



cd/klm

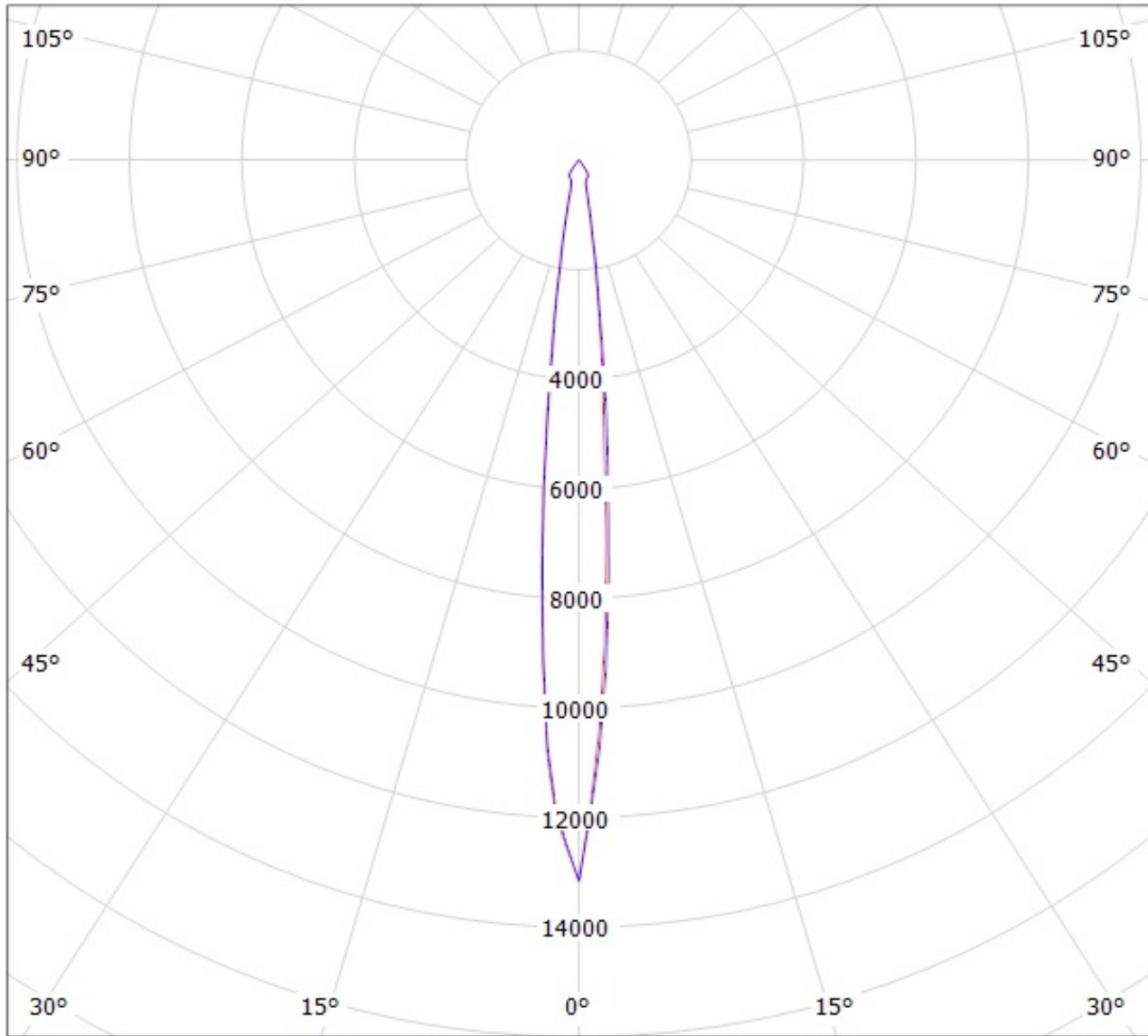
$\eta = 95\%$

— C0 - C180

— C90 - C270

Luminaire: LEDiL Oy F13379_ANGELA-S_(PrevaLED_Z4)_Eff: 93%

Lamps: 1 x Osram_PrevaLED_CORE_Z4_(PL-CORE-3000-830-Z4)_1423.93lm@250mA_P=10.7652W_I=249.9mA



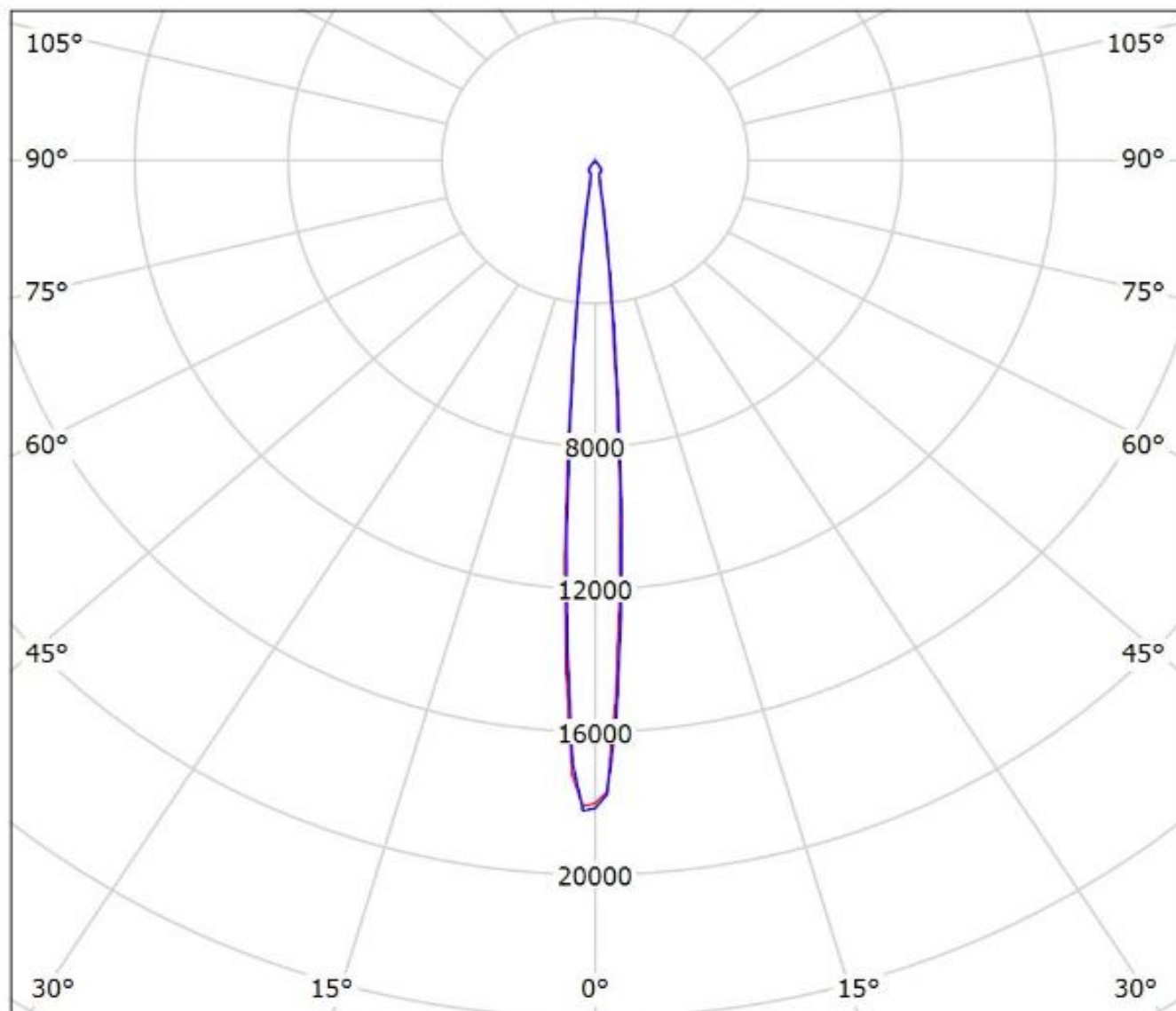
cd/klm

— C0 - C180

— C90 - C270

Luminaire: LEDiL Oy F13379_ANGELA-S_(SOLERIQ_P13)

Lamps: 1 x SOLERIQ_P13_(GW_MAGMB1.EM)_1038.25lm@250mA_CCT=3000K_P=8.77223W_I=249.8mA



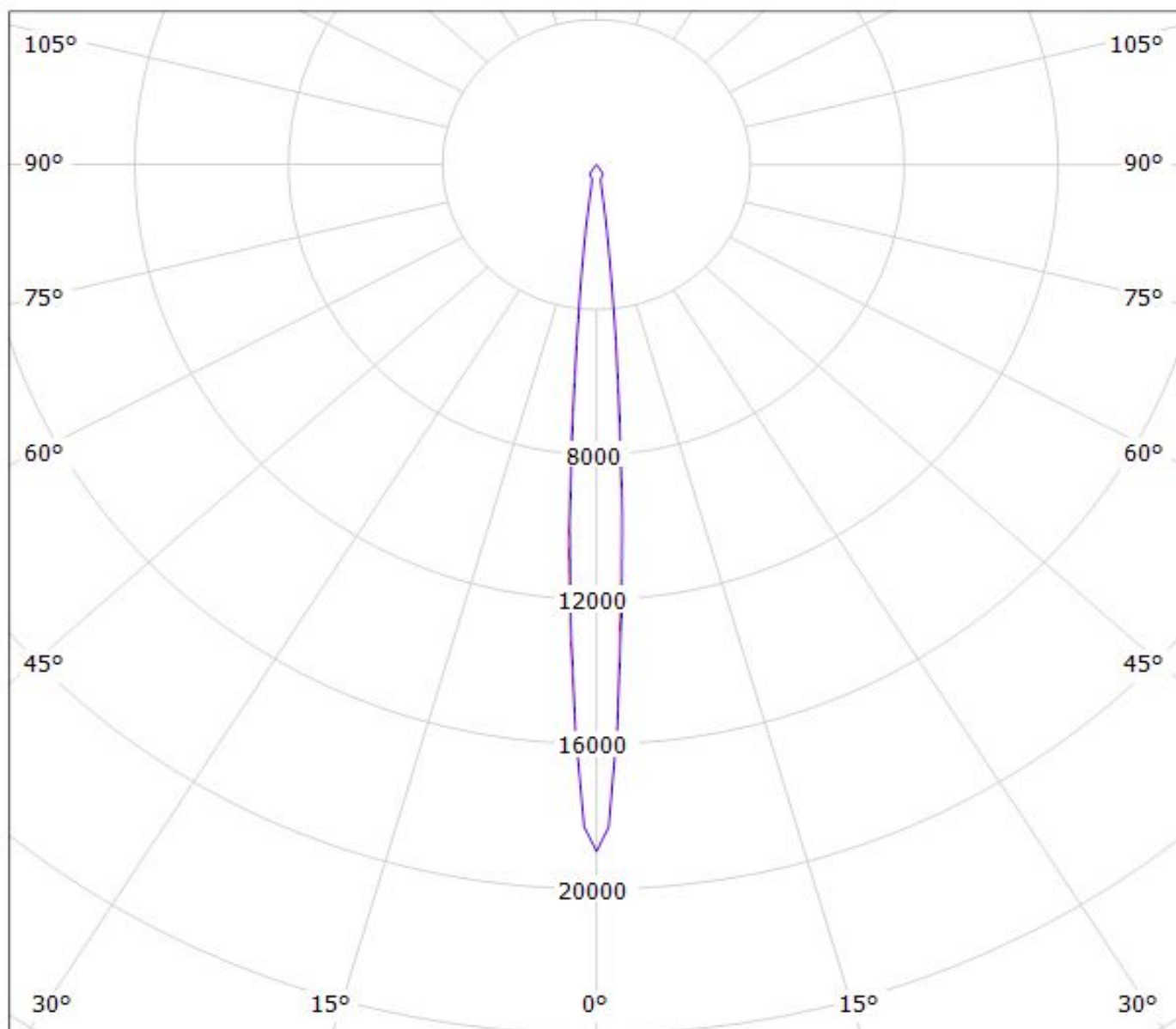
cd/klm

— C0 - C180 — C90 - C270

$\eta = 93\%$

Luminaire: LEDiL Oy F13379_ANGELA-S_(Fortimo LED SLM L13 G4)

Lamps: 1 x Fortimo LED SLM L13 G4_1030.19lm@250mA_P=8.38104W_I=0.2498A



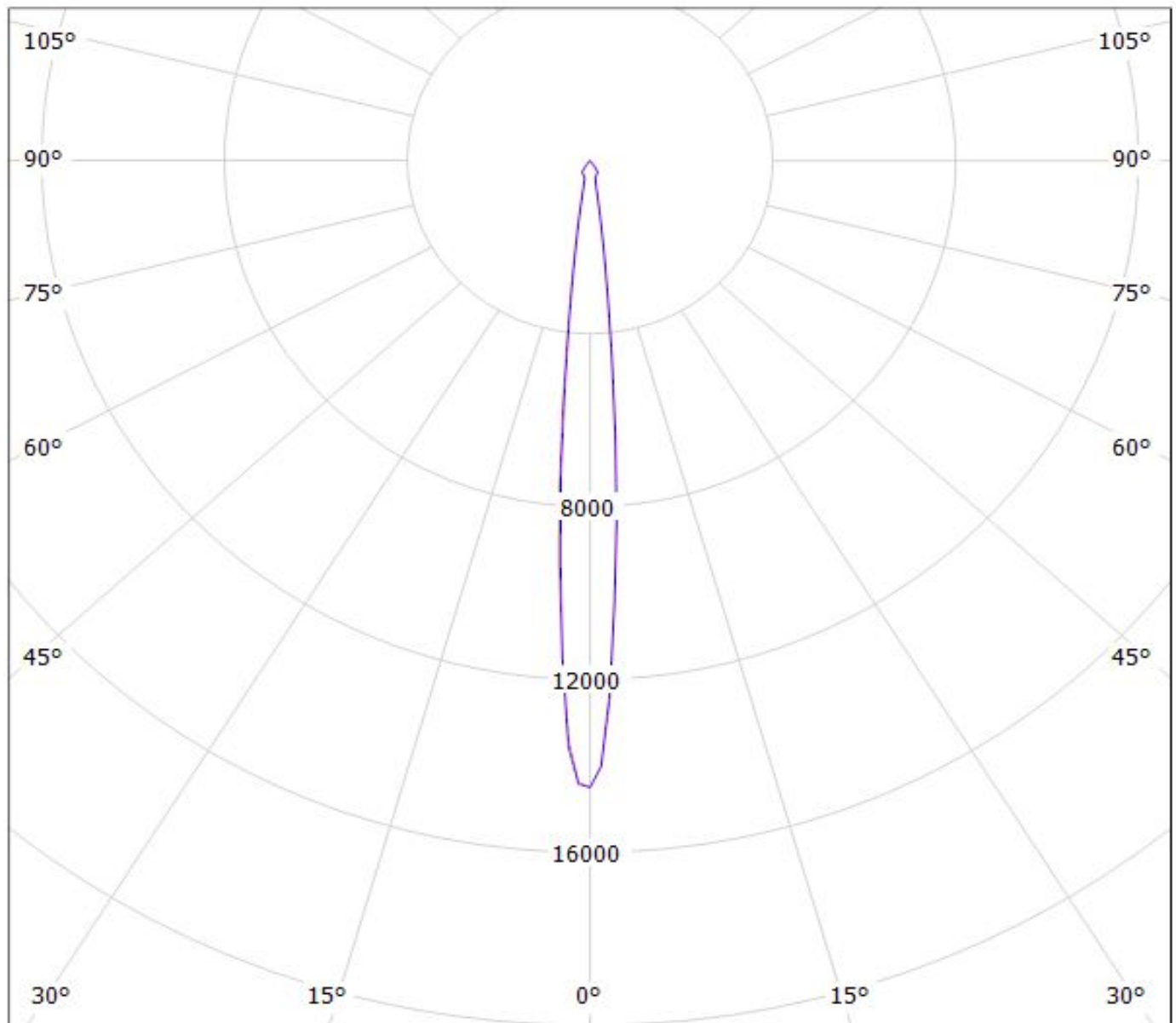
cd/klm

η = 92%

— C0 - C180 — C90 - C270

Luminaire: LEDiL Oy F13379_ANGELA-S_(Fortimo LED SLM L15 G4)

Lamps: 1 x Fortimo LED SLM L15 G4_1116.47lm@250mA_P=8.21168W_I=0.2498A



cd/klm

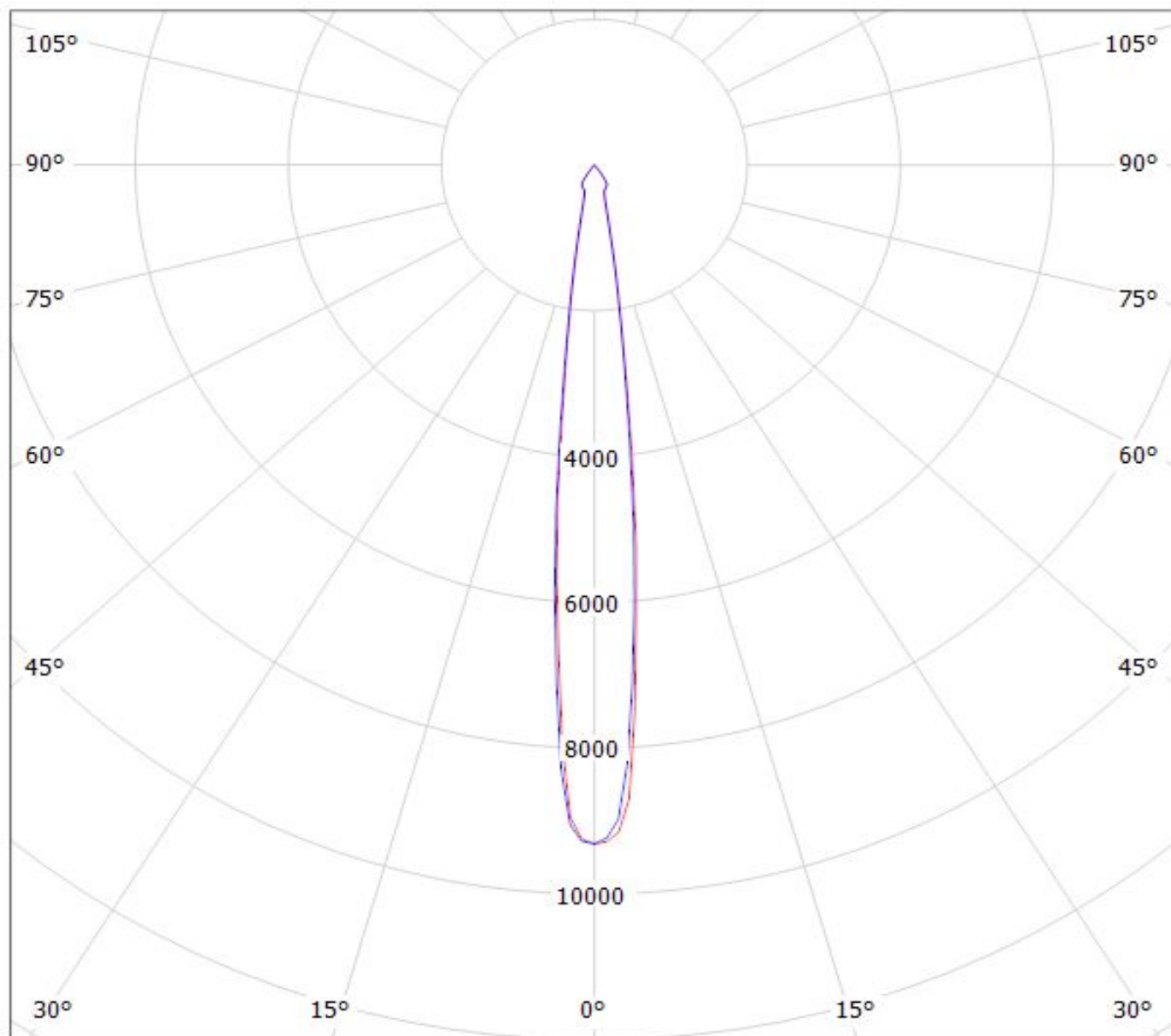
η = 92%

— C0 - C180

— C90 - C270

Luminaire: LEDiL Oy F13379_ANGELA-S_(Fortimo LED SLM L19 G4)

Lamps: 1 x Fortimo LED SLM L19 G4_1114.89lm@250mA_P=8.04906W_I=0.2498A



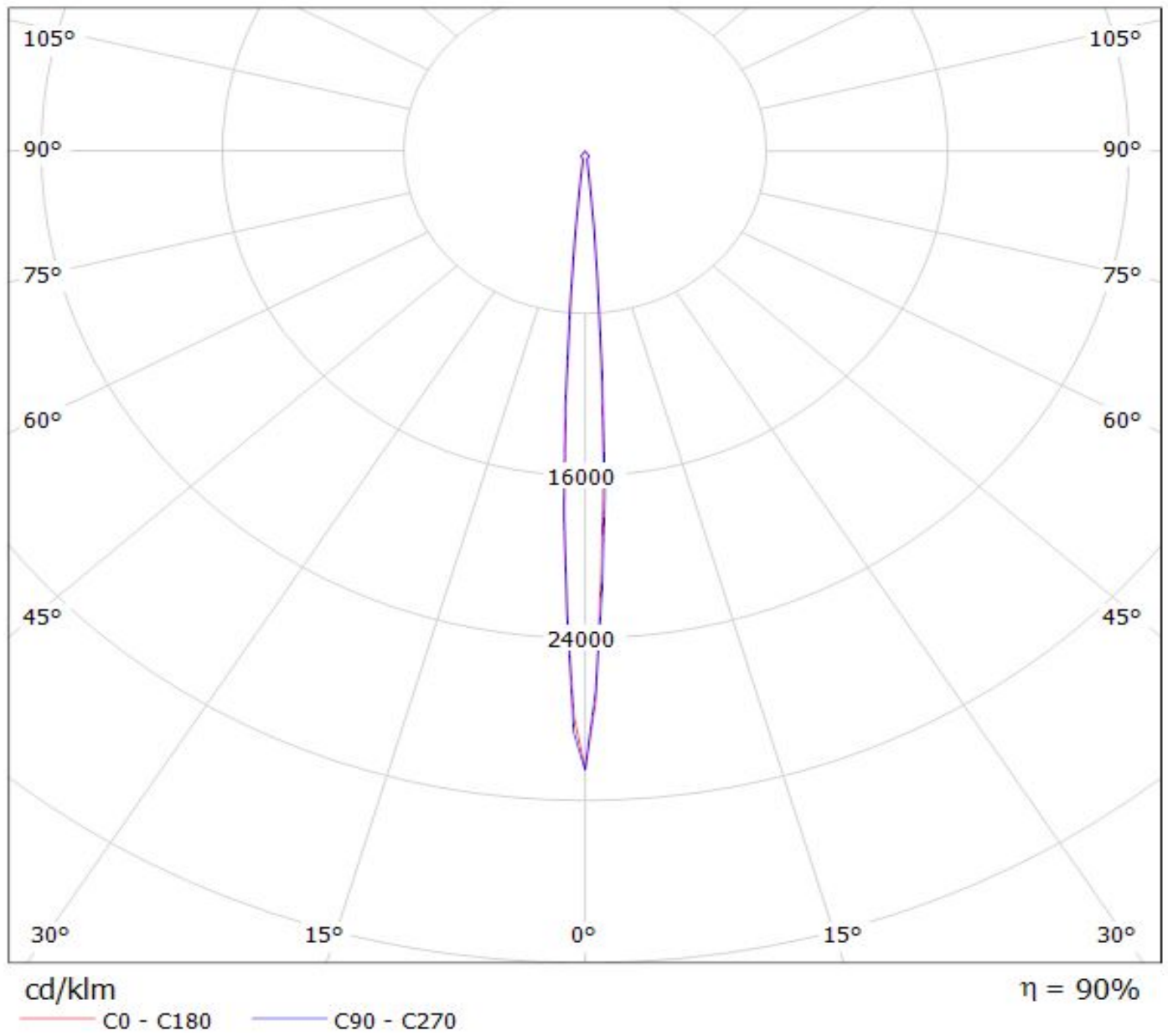
cd/klm

— C0 - C180

— C90 - C270

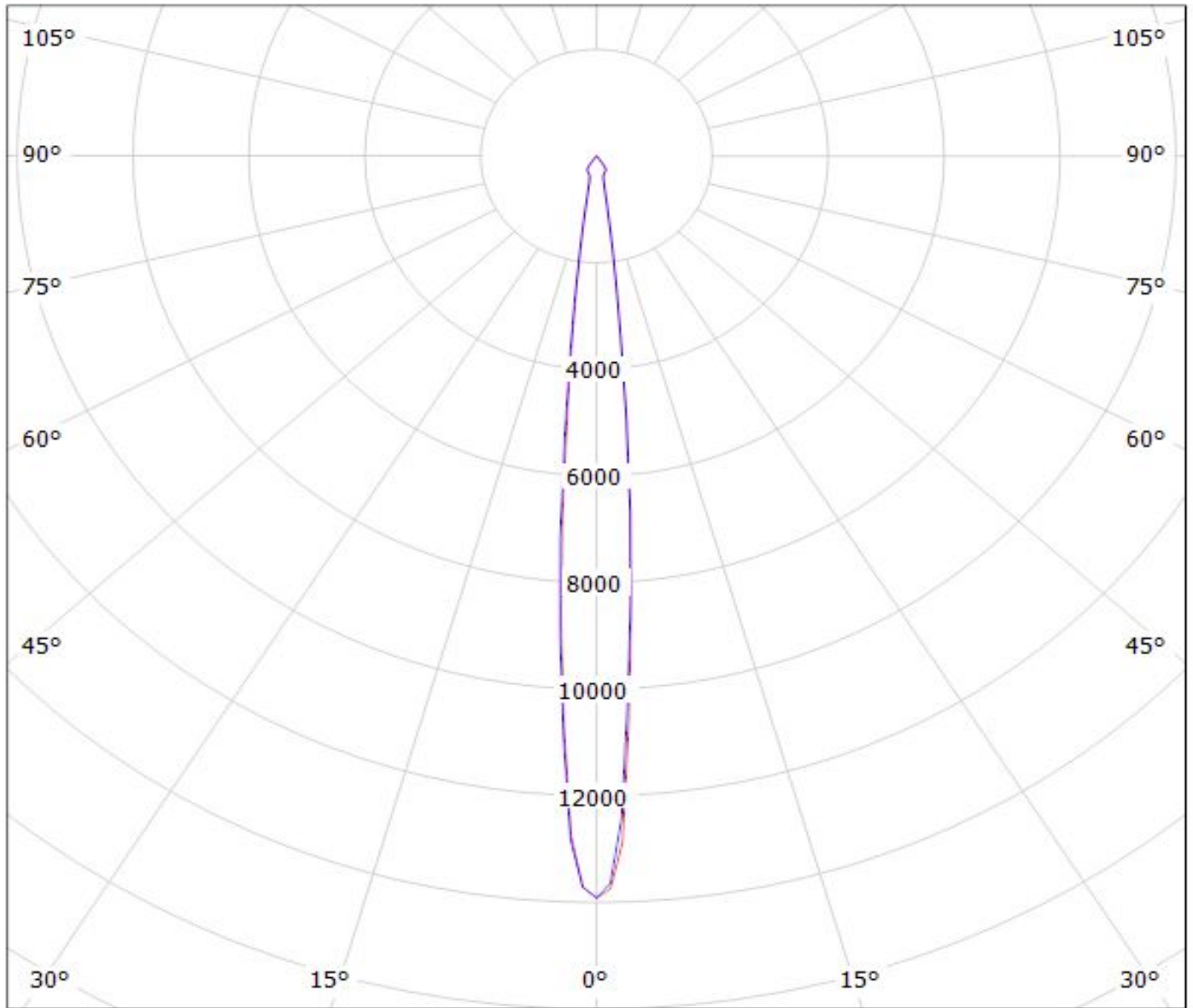
$\eta = 91\%$

Luminaire: LEDiL Oy F13379_ANGELA-S_(SLM-G5-LES-9)_Z50-Optic-Clip
Lamps: 1 x Fortimo_SLM-G5-LES-9_1182.49lm@250mA_P=8.5848W_I=0.250A



Luminaire: LEDiL Oy F13379_ANGELA-S_(SLM-G5_LES-15)

Lamps: 1 x Fortimo_SLM-G5_LES-15_1257.61lm@250mA_P=8.1569W_I=0.250A



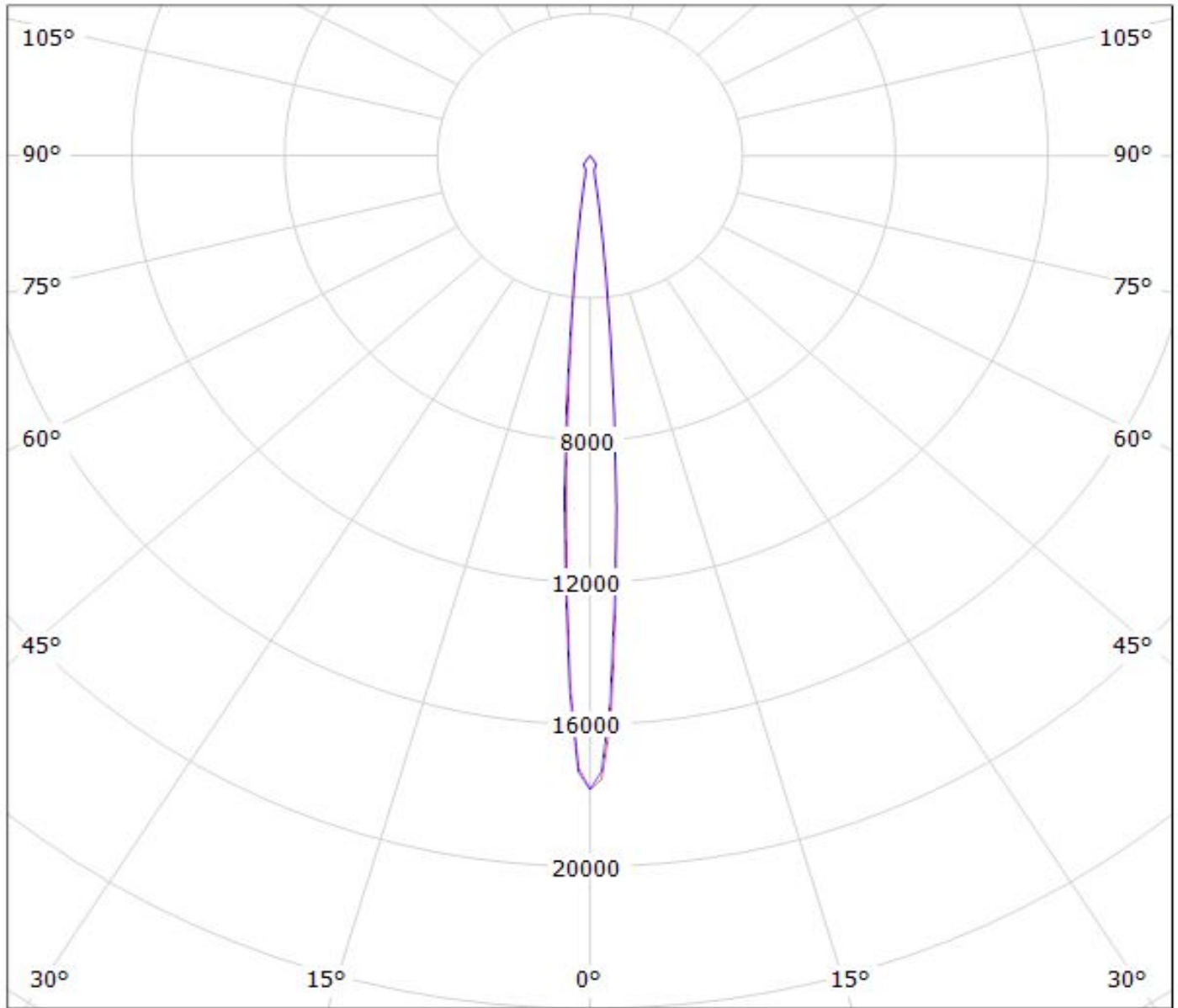
cd/klm

— C0 - C180

— C90 - C270

$\eta = 89\%$

Luminaire: LEDiL Oy F13379_ANGELA-S_(SLM-G5_LES-13)_Z50-Optic-Clip
Lamps: 1 x Fortimo_SLM-G5_LES-13_1300.47lm@250mA_P=8.4010W_I=0.250A



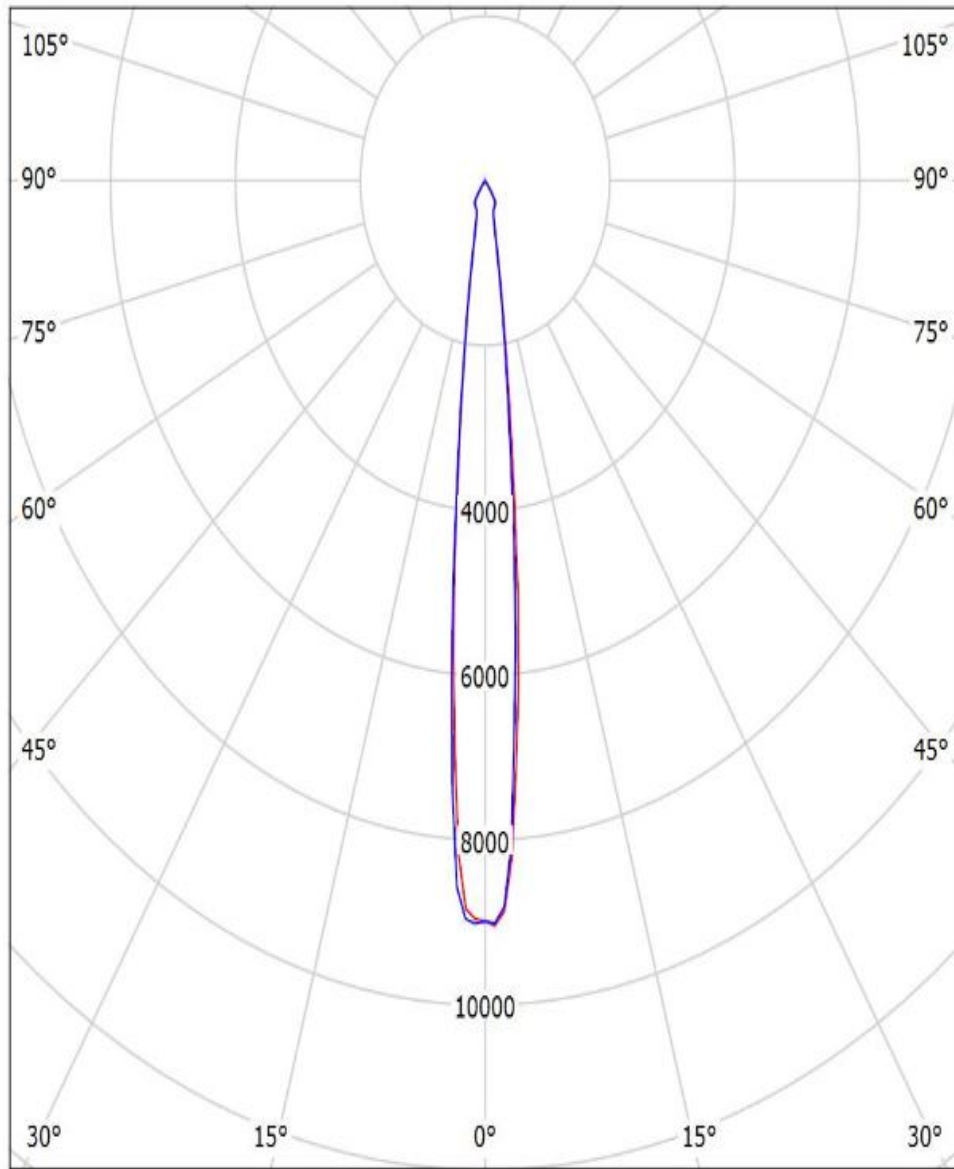
cd/klm

$\eta = 90\%$

— C0 - C180 — C90 - C270

Luminaire: Ledil F13379_ANGELA-S_(SLM_1211_L19_G6_+TE)

Lamps: 1 x Philips_Fortimo_SLM_1211_L19_G6_Standard_+_TE_OPTIC_CLIP_Z50_TYPE1:_2213194-1_1146.84lm@250mA_P=8.13175W_I=0.25A



cd/klm

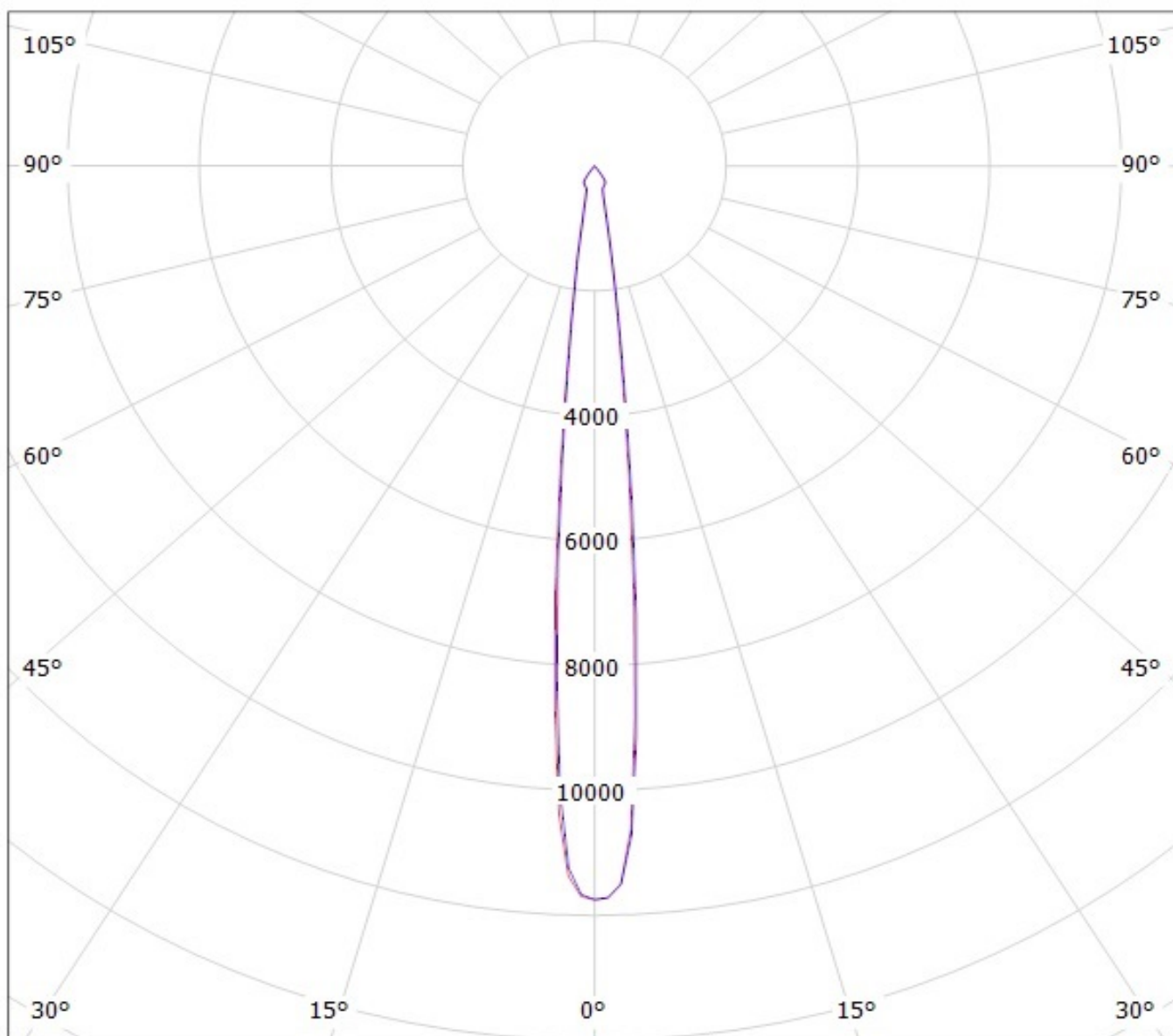
— C0 - C180

— C90 - C270

$\eta = 88\%$

Luminaire: LEDiL Oy F13379_ANGELA-S_(LC040B)

Lamps: 1 x Samsung_LC040B_(SPHWW1HDNE25010101)_1029.97lm@250mA_P=8.12175W_I=249.9mA



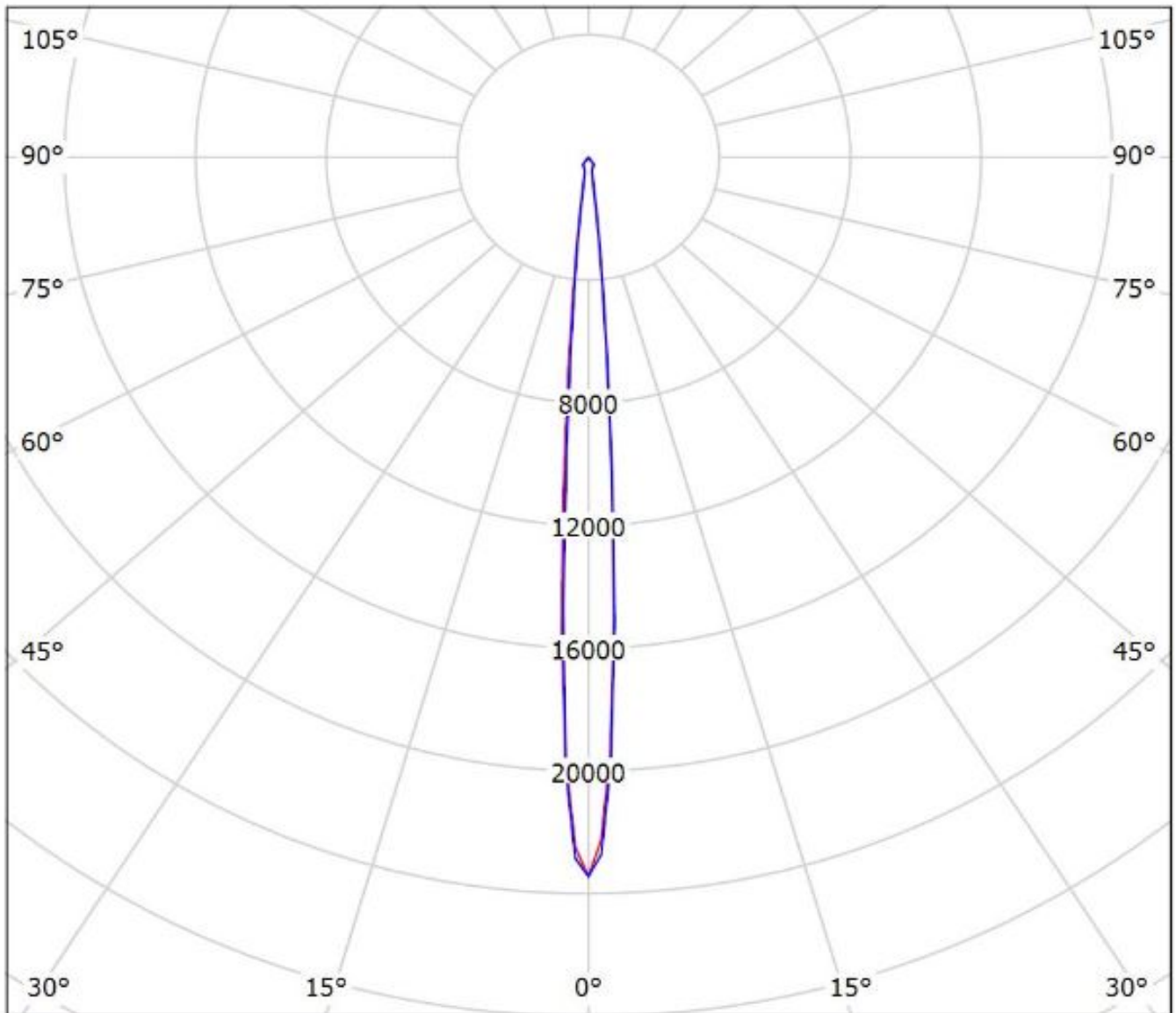
cd/klm

— C0 - C180

— C90 - C270

Luminaire: Ledil F13379_ANGELA-S_(LC040C+TE)

Lamps: 1 x Samsung_LC040C+_2213382-2+_2213194-1_1194.16lm@250mA_CCT=4000K_P=8.137W



cd/klm

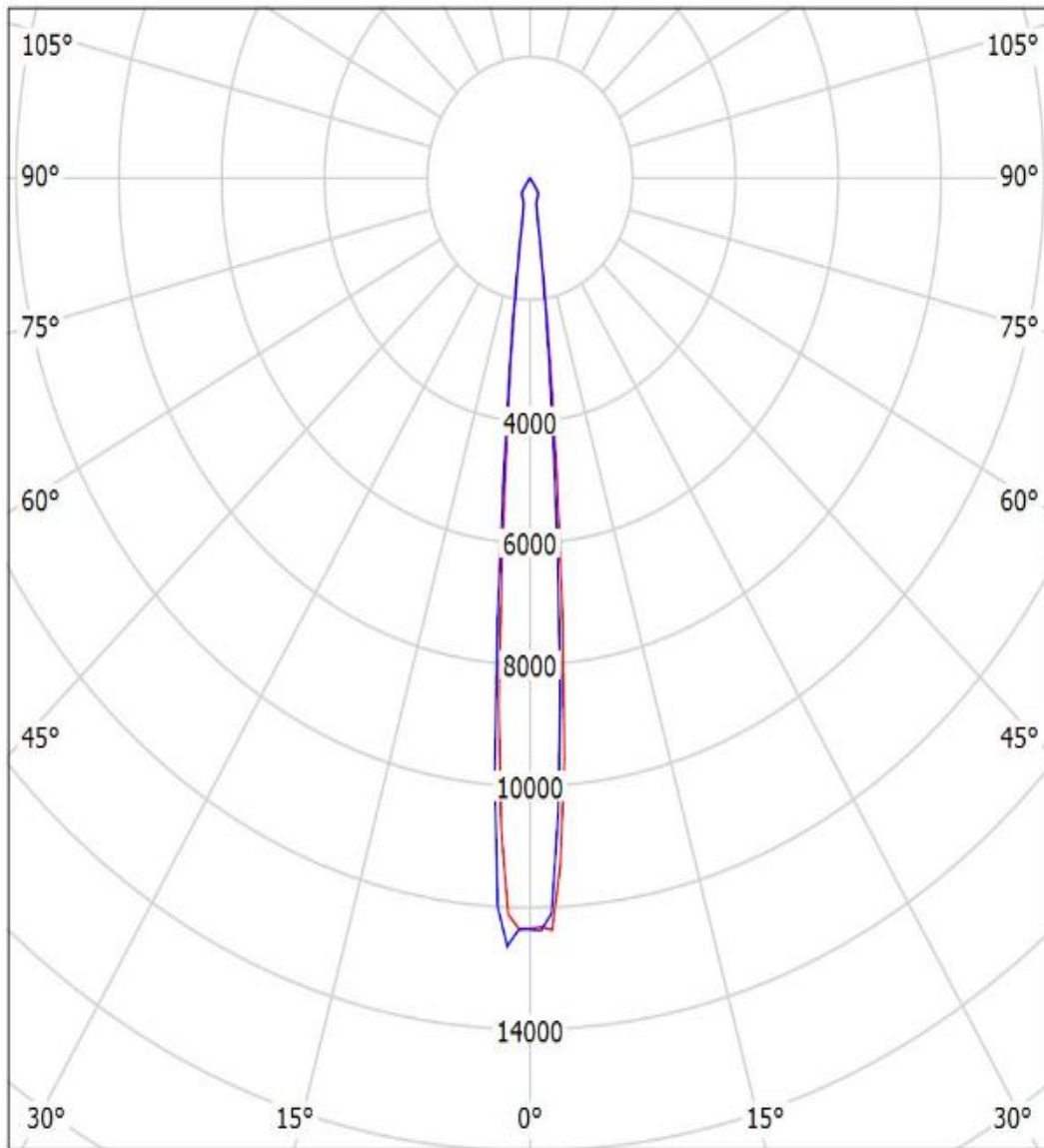
— C0 - C180

— C90 - C270

$\eta = 89\%$

Luminaire: Ledil F13379_ANGELA-S_(MJT_30W_Les14,5)_TE

Lamps: 1 x Seoul_MJT_30W_Les14,5mm_(SAWx1566A)_+TE_2213254-2_+TE_2213194-1_1328.6lm@250mA_P=8.24025W_I=0.25A



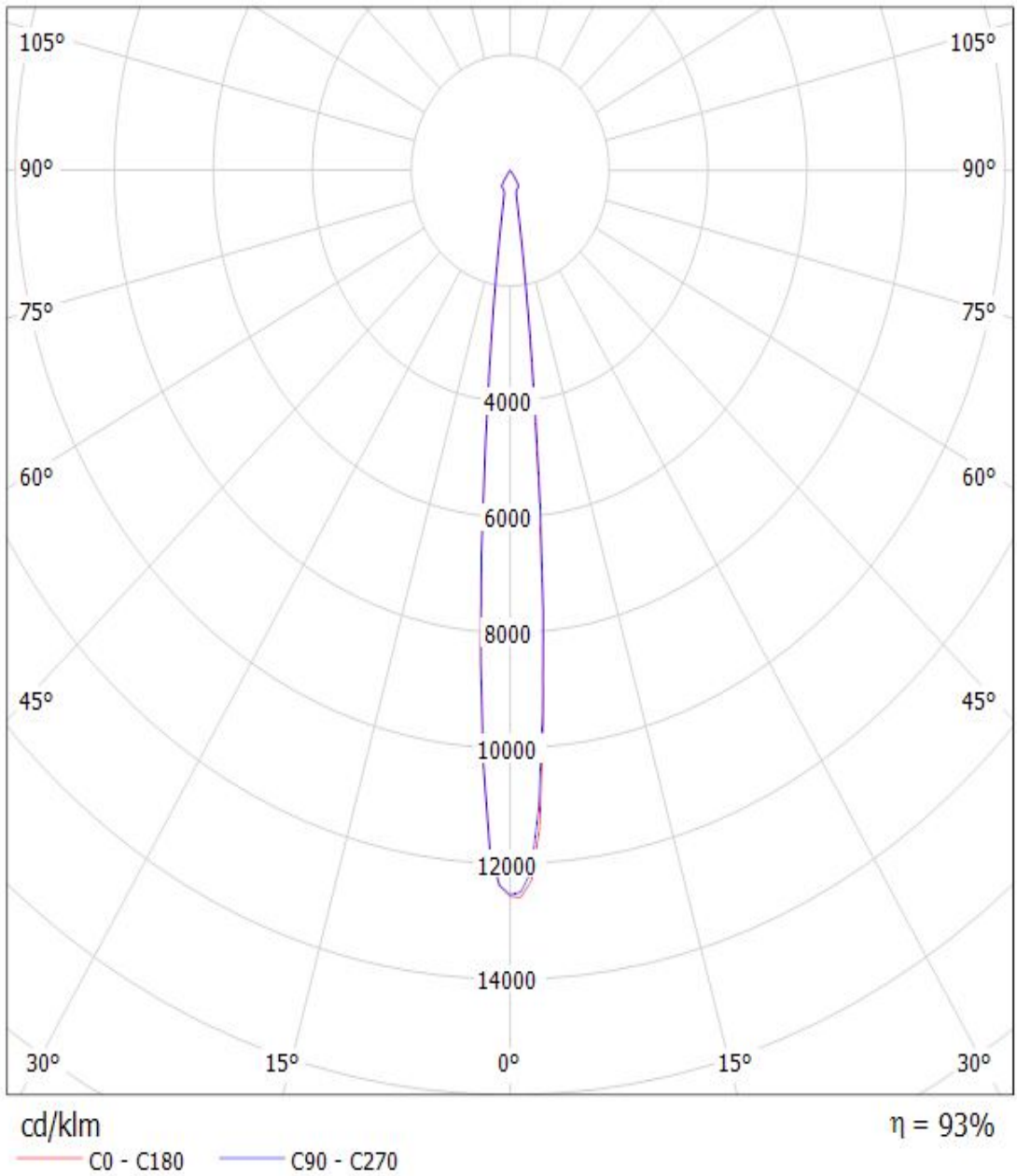
cd/klm

— C0 - C180 — C90 - C270

$\eta = 88\%$

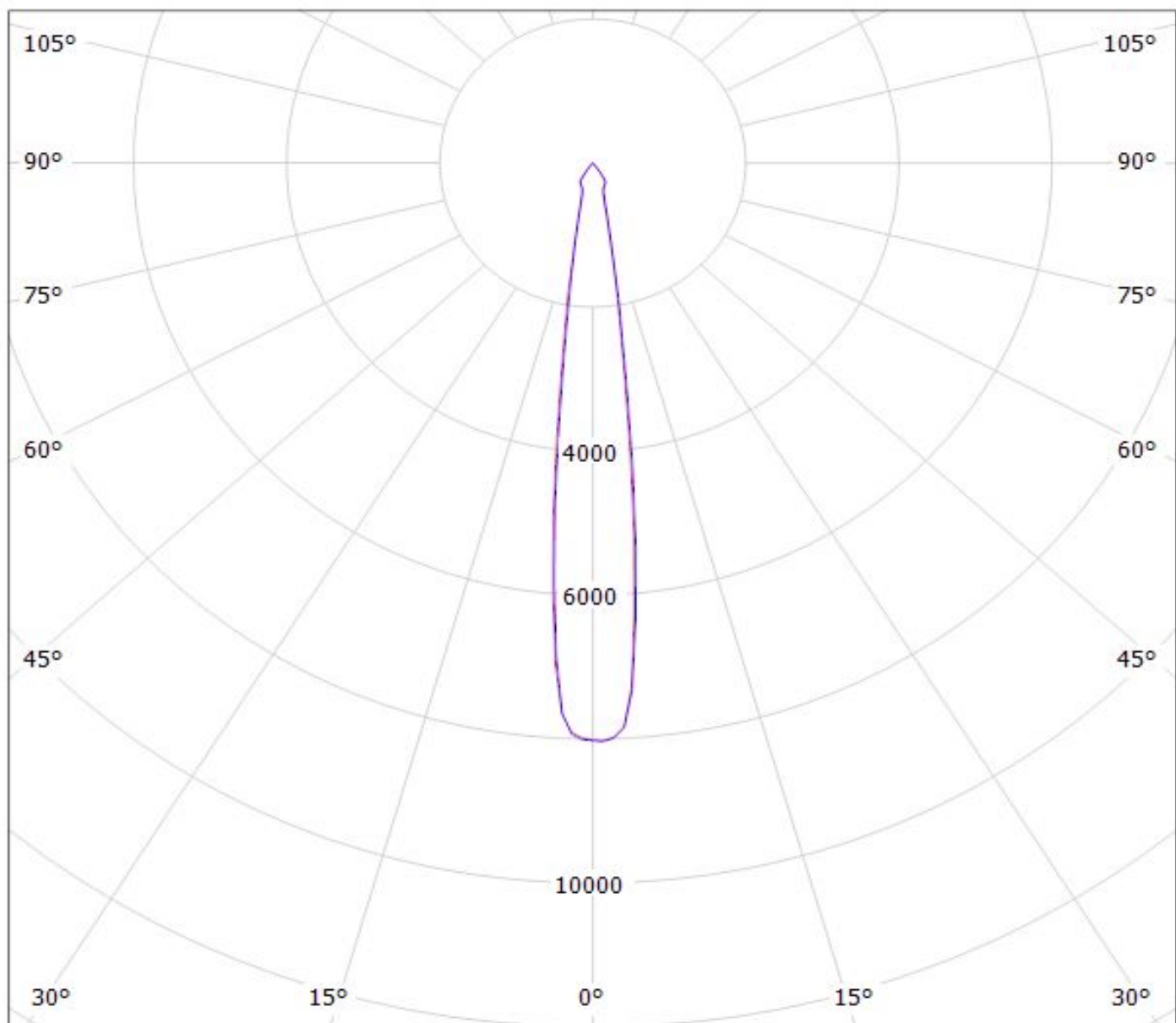
Luminaire: LEDiL Oy F13379_ANGELA-S_(STARK_LES19)

Lamps: 1 x Tridonic_STARK_SLE_G3_LES19_(Stark-SLE-PURE-G3-19-2000-840-CLA)_1050.59lm@250mA_P=8.3639W_I=249.9mA



Luminaire: LEDiL Oy F13379_ANGELA-S_(STARK_LES23) Eff.92.7%

Lamps: 1 x Tridonic_STARK_SLE_G3_LES23_795.318lm@250mA_P=8.22646W_I=249.9mA



cd/klm

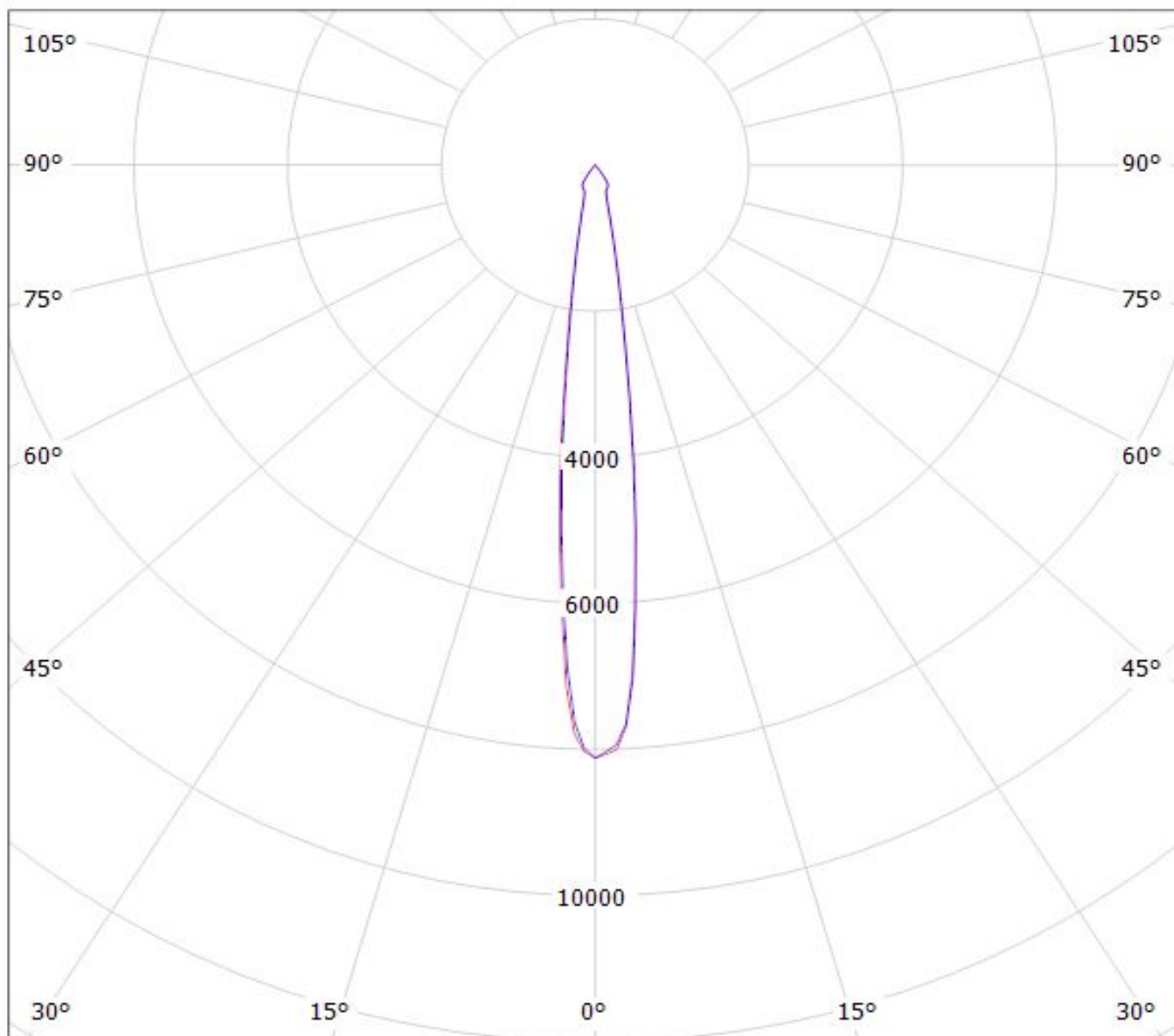
— C0 - C180

— C90 - C270

$\eta = 93\%$

Luminaire: LEDiL Oy F13379_ANGELA-S_(SLE_G4_LES23)

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



cd/klm

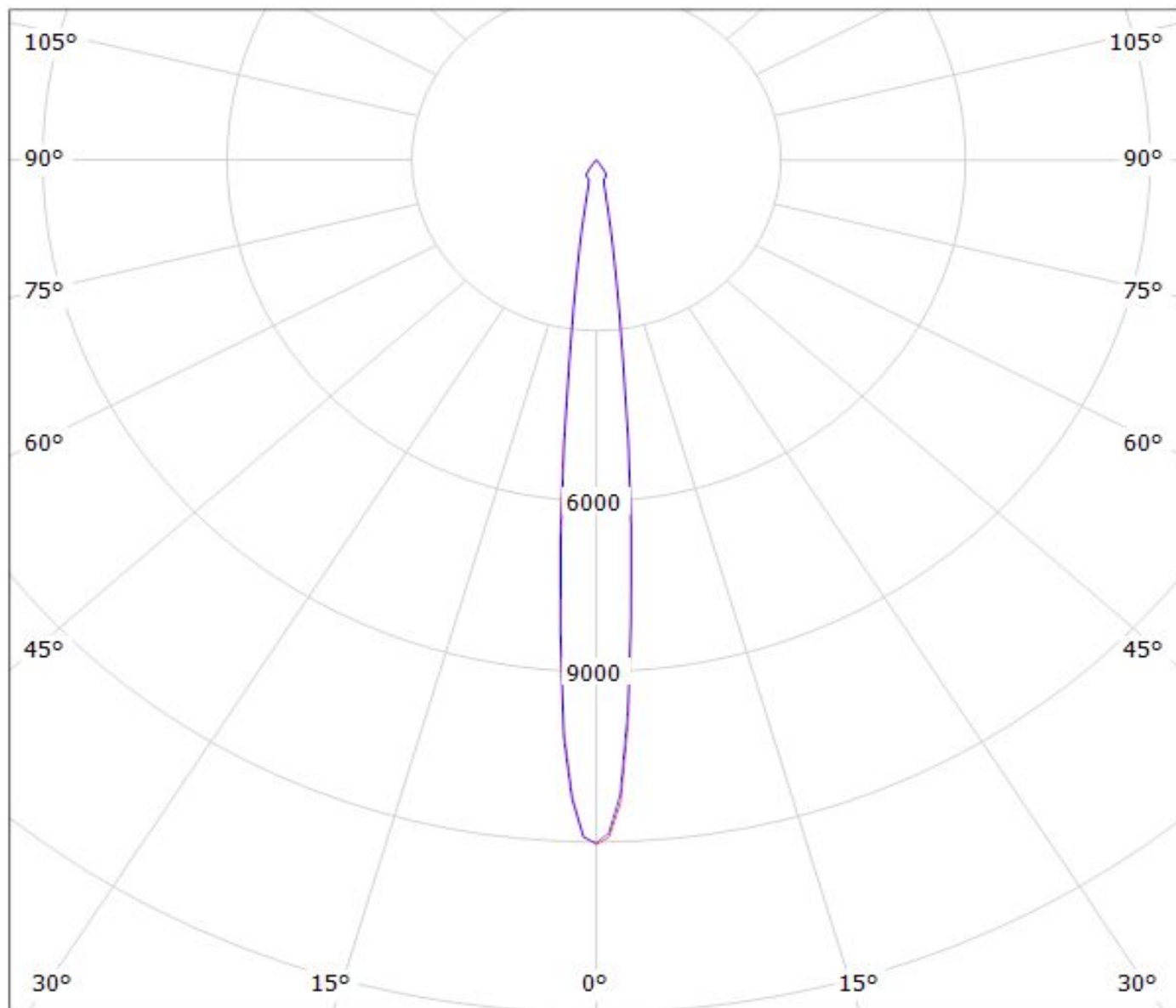
— C0 - C180

— C90 - C270

$\eta = 92\%$

Luminaire: LEDiL Oy F13379_ANGELA-S_(SLE GEN4 LES19)

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



cd/klm

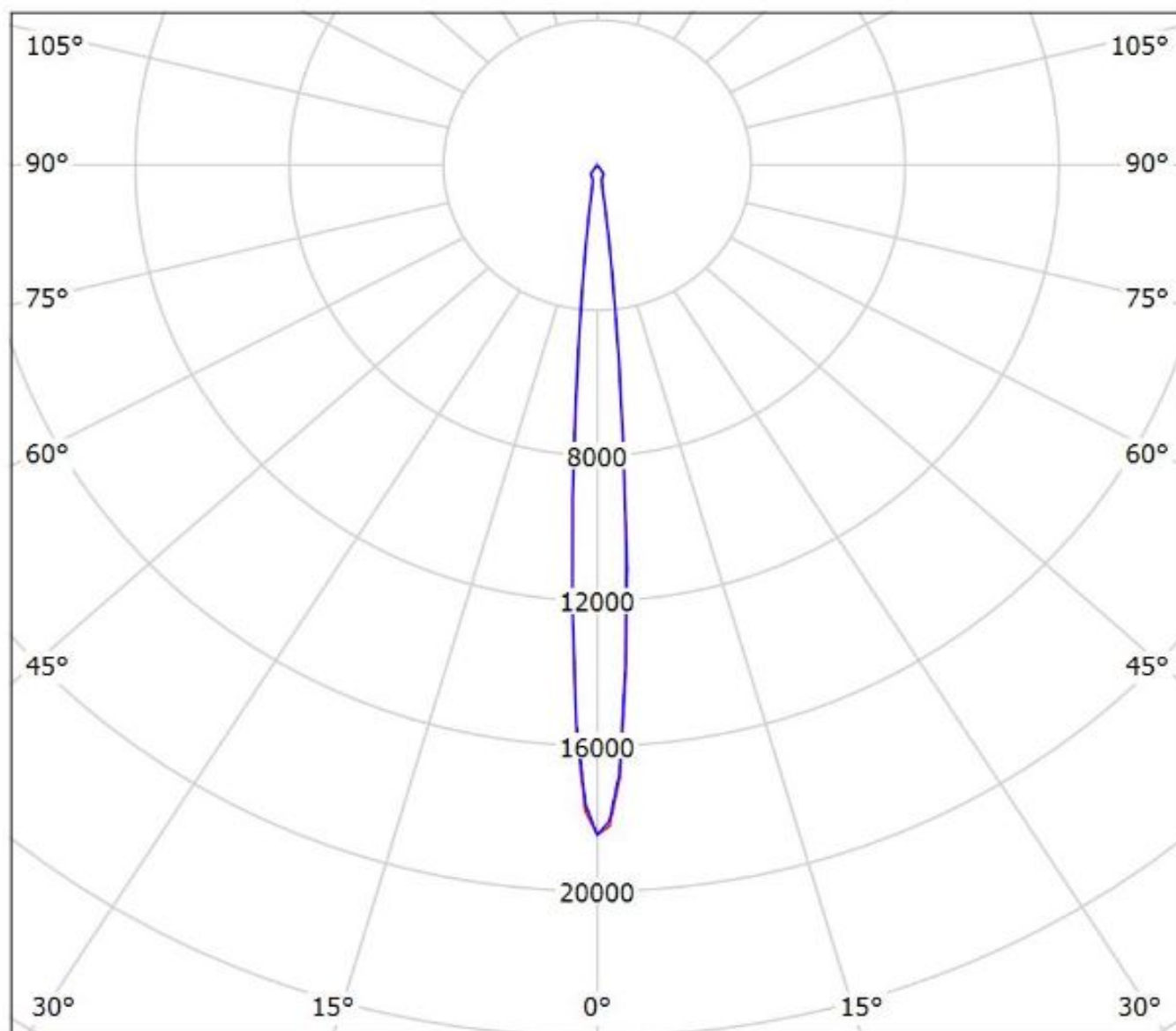
— C0 - C180

— C90 - C270

$\eta = 91\%$

Luminaire: LEDiL Oy F13379_ANGELA-S_(SLE-G5_LES-15)

Lamps: 1 x Tridonic_SLE-G5_LES-15_1238lm@250mA_P=8.6575W_I=0.250A



cd/klm

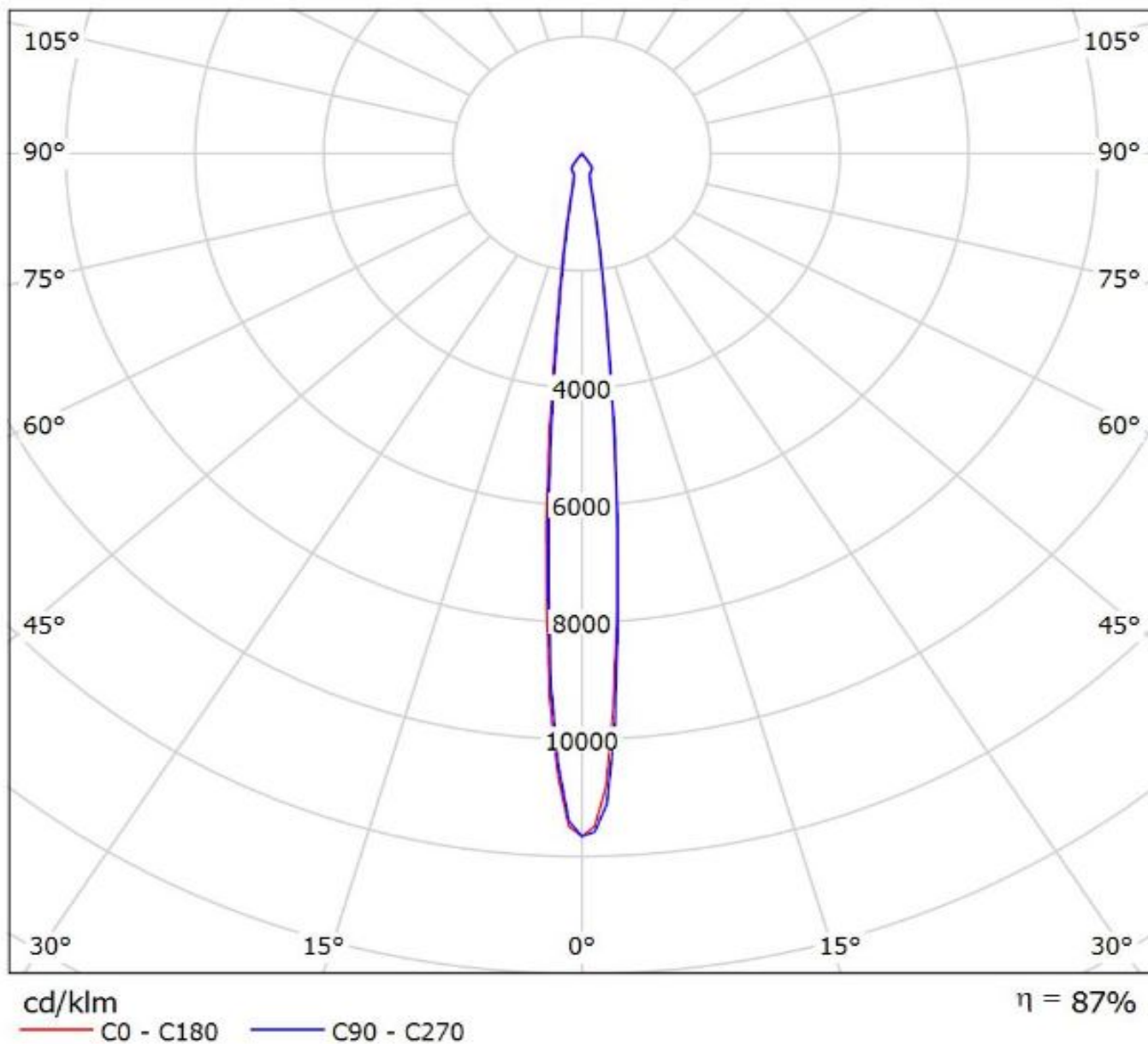
— C0 - C180

— C90 - C270

$\eta = 91\%$

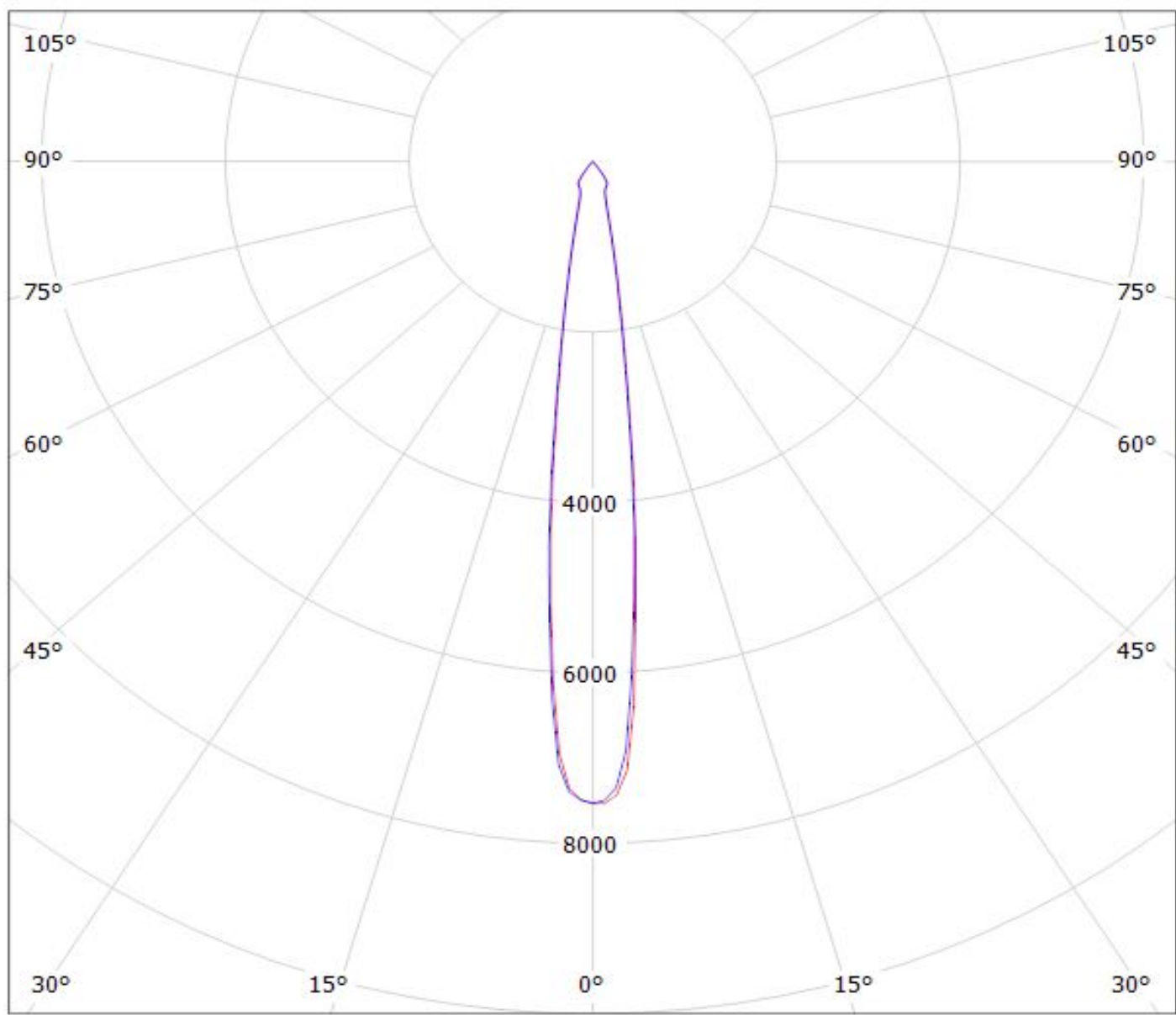
Luminaire: LEDiL Oy F13379_ANGELA-S_(SLE-G5_LES-19)

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



Luminaire: LEDiL Oy F13379_ANGELA-S_(SLE-G5_LES-23)

Lamps: 1 x Tridonic_SLE-G5_LES-23_1377.96lm@250mA_P=8.114W_I=0.250A



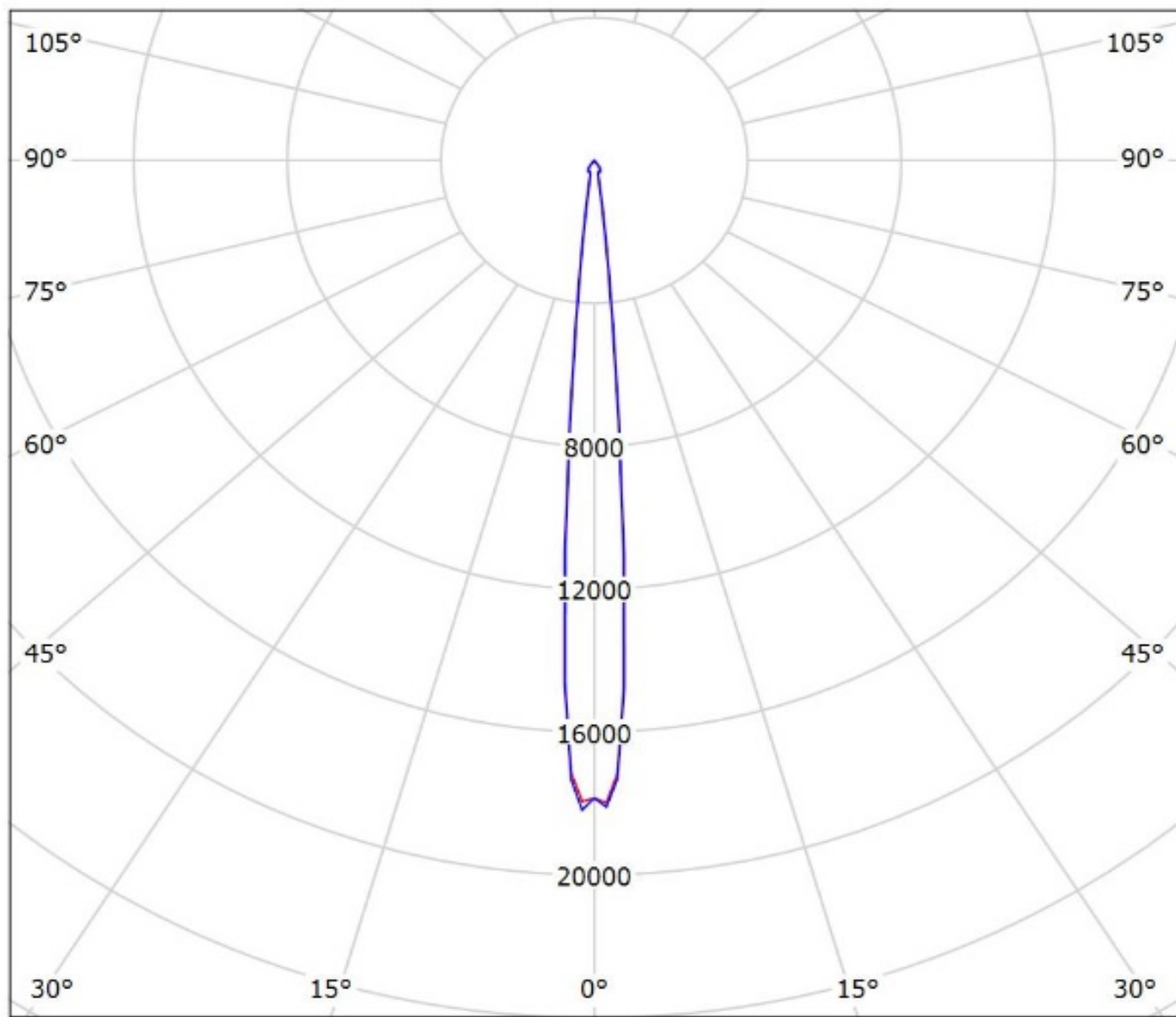
cd/klm

$\eta = 86\%$

— C0 - C180

— C90 - C270

Luminaire: Ledil Oy F13379_ANGELA-S_(SLE_G6_LES15)_(2213254-2_+ 2213194-1)_SIMULATED
Lamps: 1 x Tridonic SLE G5 LES15 + Tyco Electronics 2213254-2 + TE 2213194-1 optic clip

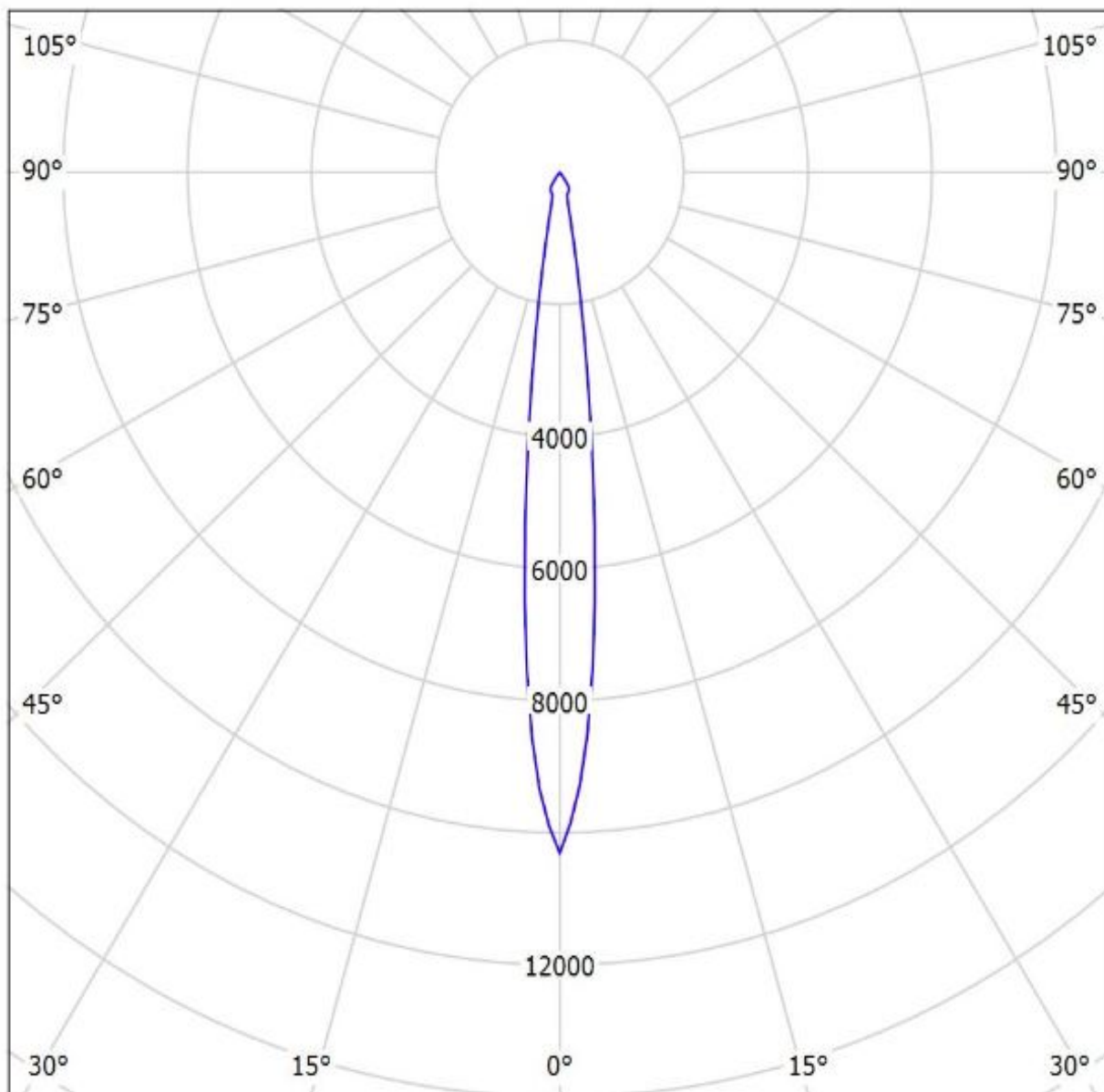


cd/klm

— C0 - C180 — C90 - C270

$\eta = 89\%$

Luminaire: Ledil Oy F13379_ANGELA-S+_TE_2213254-2+_TE_Z50_Type1_TRIDONIC_SLE_G6_LES17_SIMULATED
Lamps: 1 x TRIDONIC SLE G6 LES17



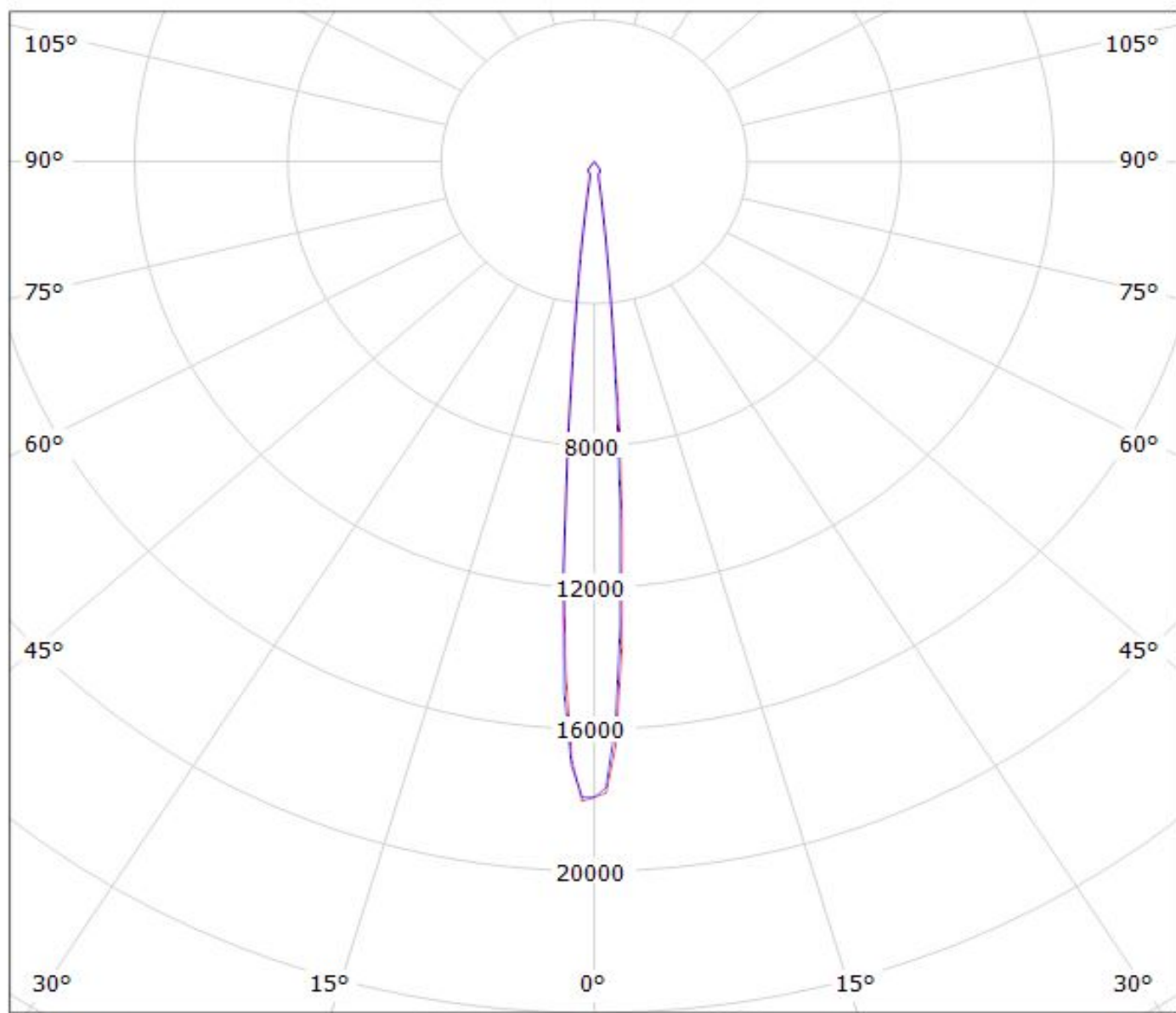
cd/klm

— C0 - C180 — C90 - C270

$\eta = 90\%$

Luminaire: LEDiL Oy F13379_ANGELA-S_(WU-M-461)

Lamps: 1 x Vossloh_WU-M-461_772.769lm@250mA_P=6.27899W_I=249.9mA



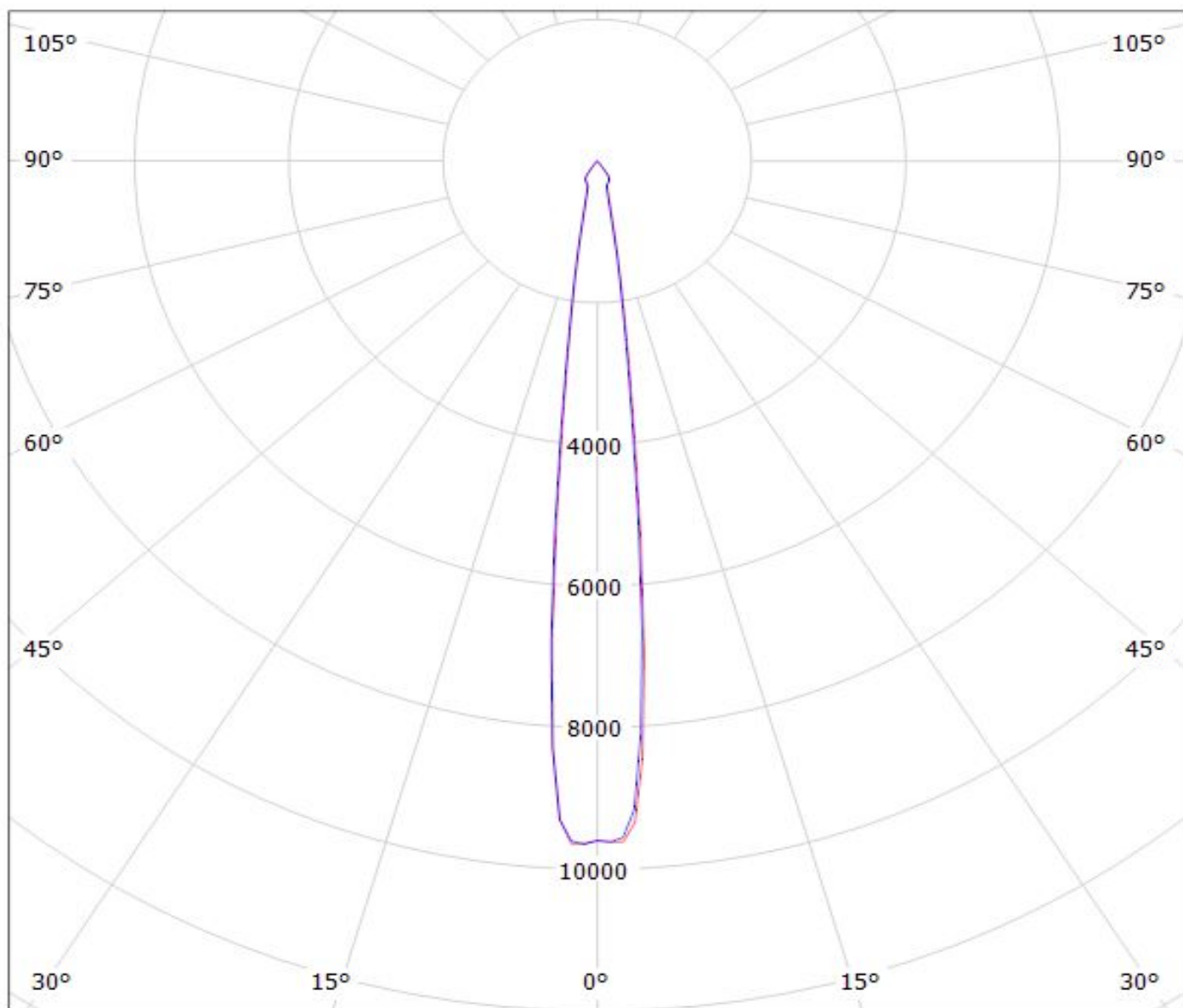
cd/klm

— C0 - C180 — C90 - C270

$\eta = 93\%$

Luminaire: LEDiL Oy F13379_ANGELA-S_(WU-M-462)

Lamps: 1 x Vossloh_WU-M-462_1123.47lm@250mA_P=9.01639W_I=249.9mA



cd/klm

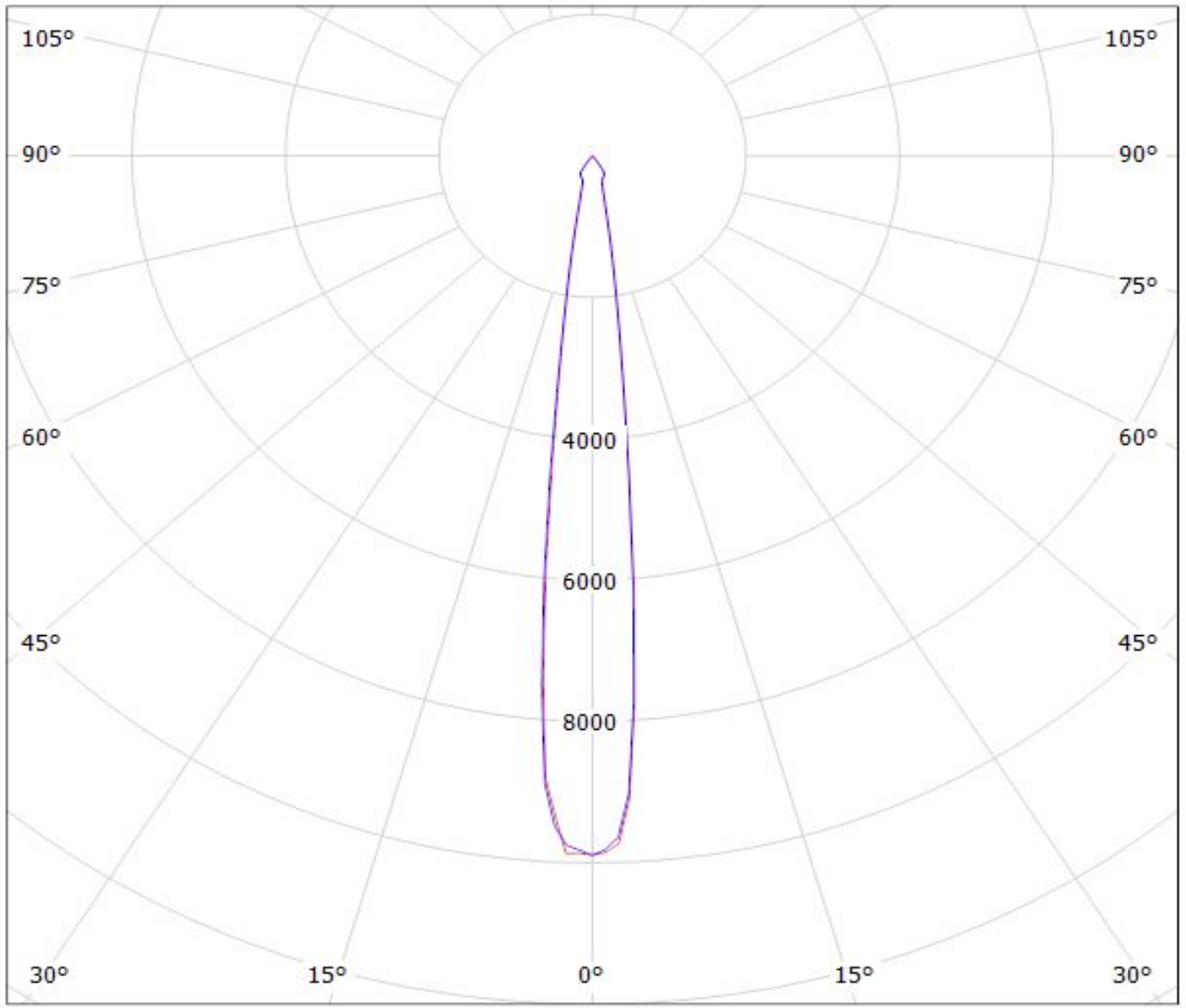
— C0 - C180

— C90 - C270

$\eta = 92\%$

Luminaire: LEDiL Oy F13379_ANGELA-S_(WU-M-464)

Lamps: 1 x Vossloh_WU-M-464_1454.63lm@250mA_P=11.7114W_I=249.8mA



cd/klm

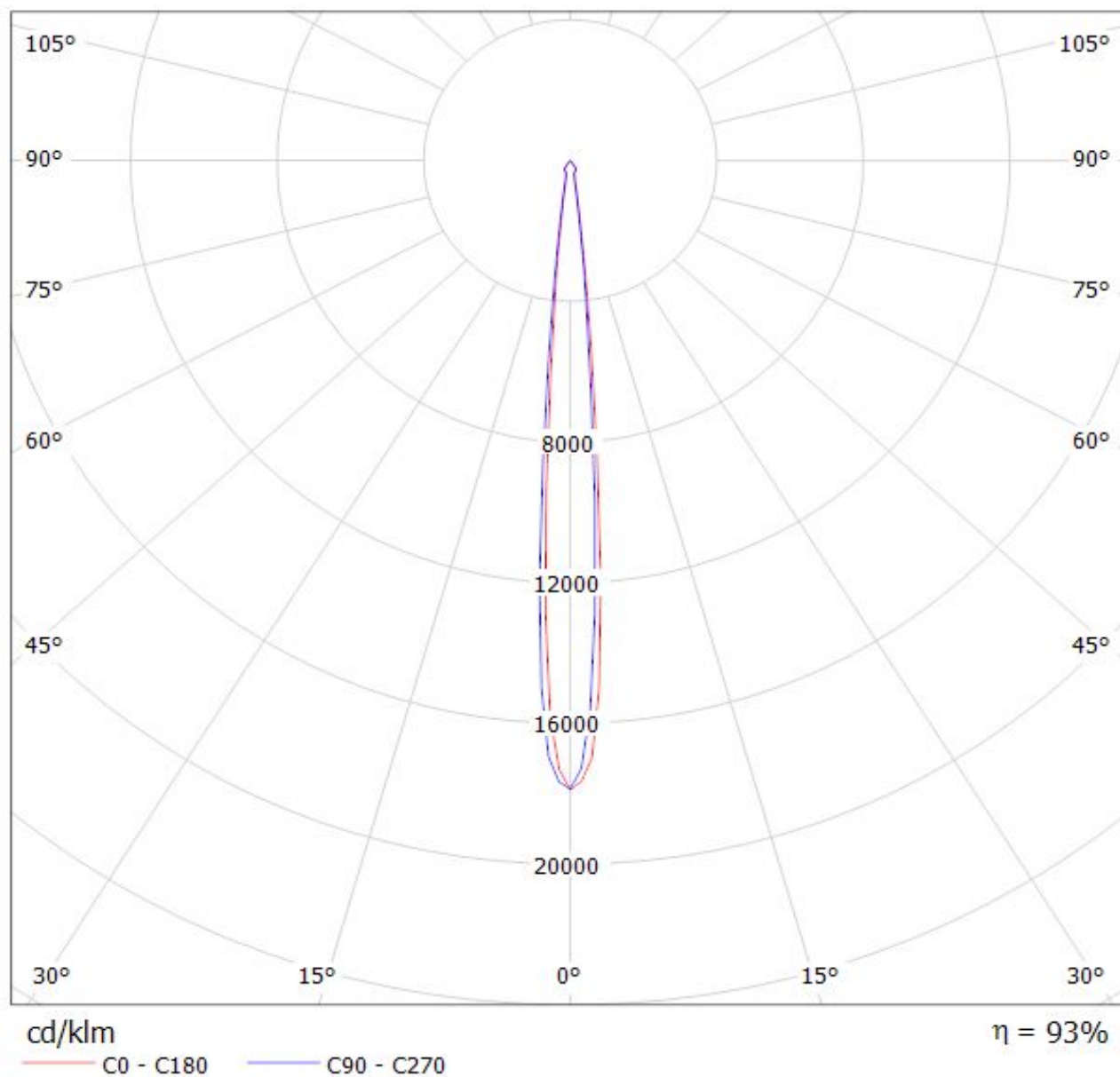
$\eta = 92\%$

— C0 - C180

— C90 - C270

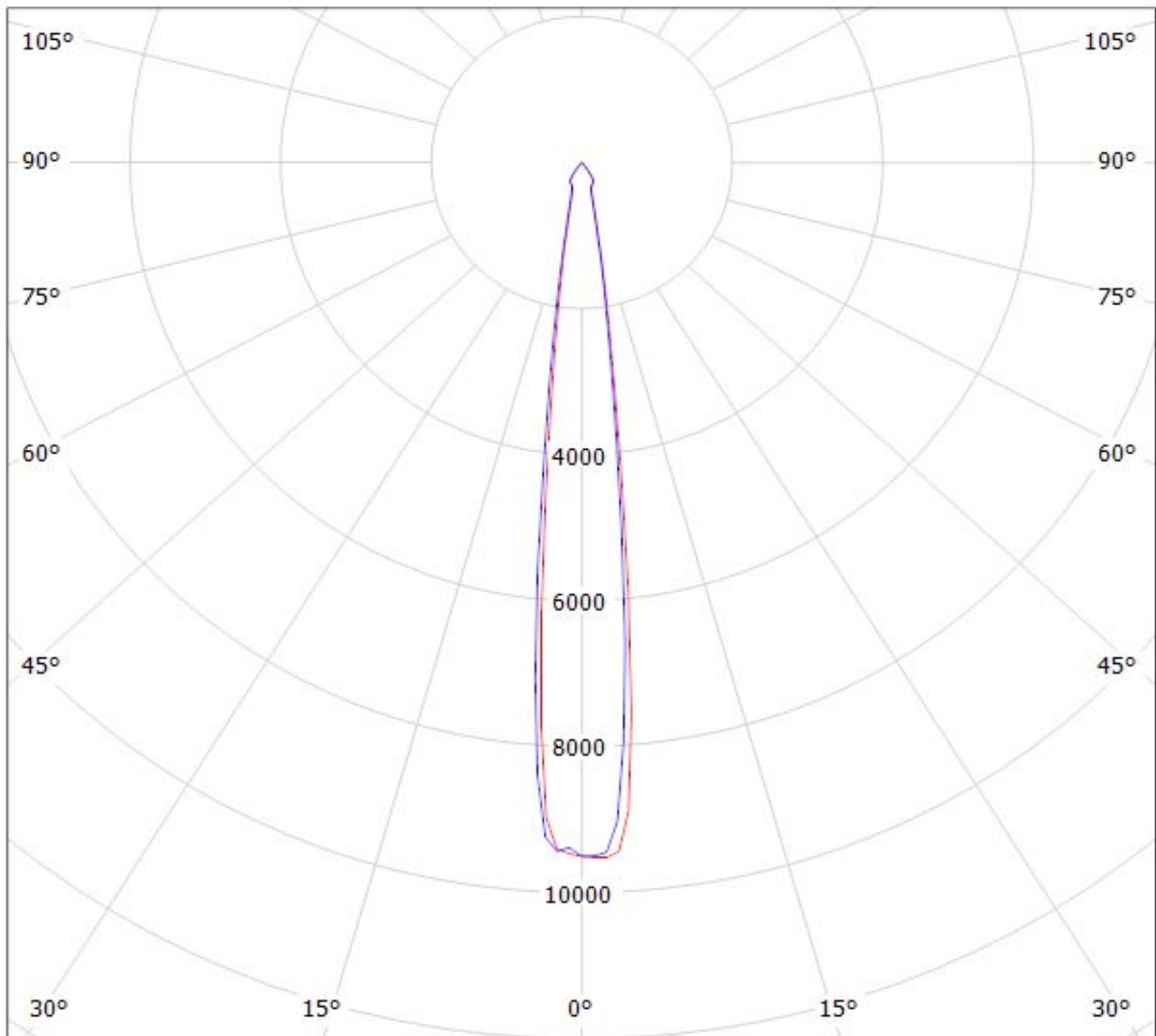
Luminaire: LEDiL Oy F13379_ANGELA-S_(WU-M-484)

Lamps: 1 x Vossloh_Schwabe-WU-M-484_(WU-M-484-830)_657.721lm@250mA_P=5.59451W_I=249.9mA



Luminaire: LEDiL Oy F13379_ANGELA-S_(WU-M-485)

Lamps: 1 x Vossloh_Schwabe-WU-M-485_(WU-M-485-830)_1209.62lm@250mA_P=8.43849W_I=249.8mA

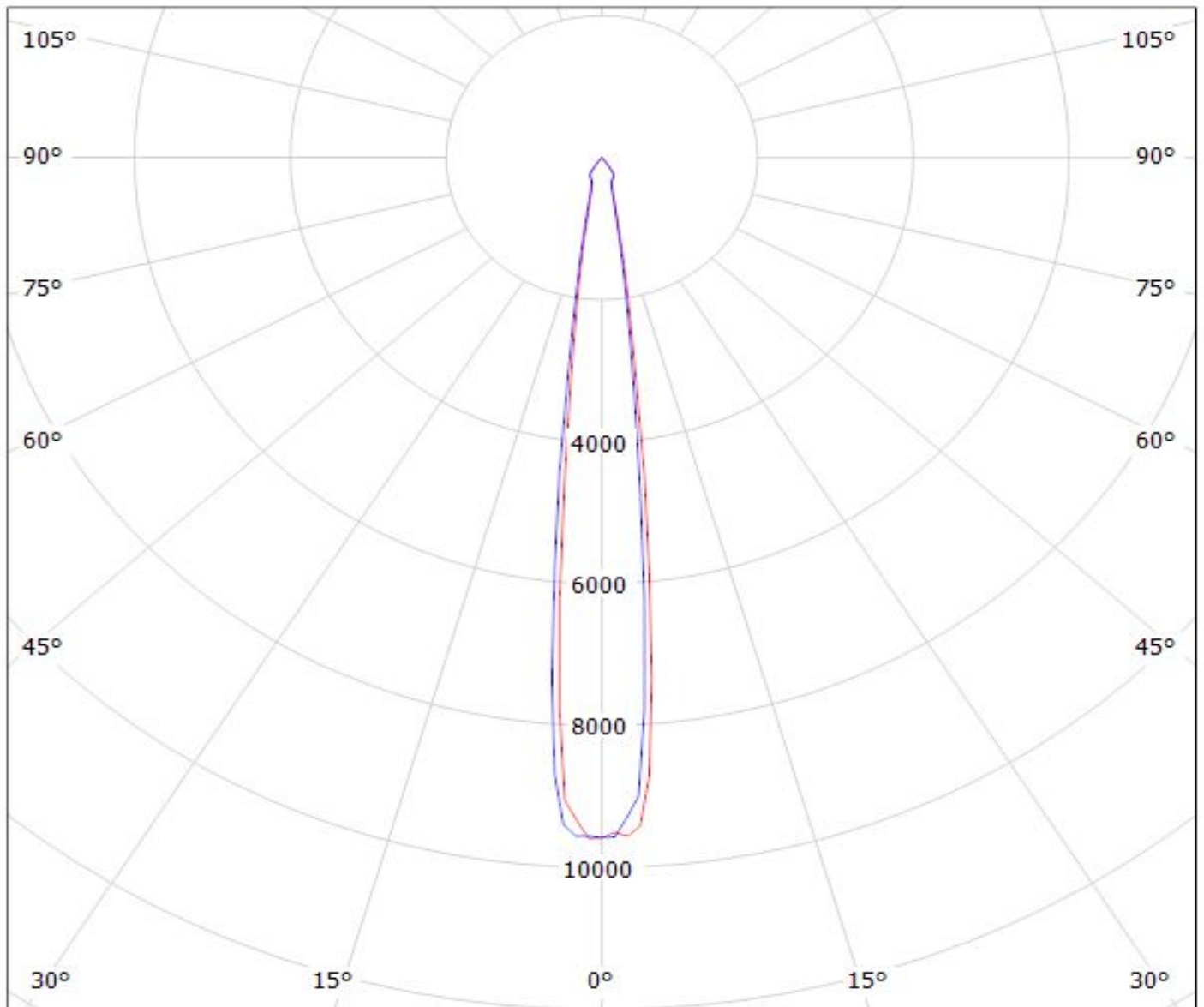


cd/klm

— C0 - C180 — C90 - C270

$\eta = 93\%$

Luminaire: LEDiL Oy F13379_ANGELA-S_(WU-M-486) Eff.92.6%
Lamps: 1 x Vossloh_Schwabe-WU-M-486_(WU-M-486-830)
_1474.55lm@250mA_P=10.4456W_I=249.8mA



cd/klm

$\eta = 92\%$

— C0 - C180 — C90 - C270

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.