

DETAILS

Product Number	F13664_ANGELA-W-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	34 deg	Wide	83 %	1.650	BJB: 47.319.2040
V18 Gen7	38 deg	Wide	82 %	1.500	BJB: 47.319.2350
CLL04x/CLU04x	38 deg	Wide	82 %	1.450	BJB: 47.319.2030
CLL03x/CLU03x	33 deg	Wide	83 %	1.680	BJB: 47.319.2021
CLL03x/CLU03x	34 deg	Wide	83 %	1.630	A.A.G. STUCCHI: 8101/G2
CLL04x/CLU04x	39 deg	Wide	82 %	1.400	A.A.G. STUCCHI: 8102/G2
CLU730/731	sim: 35	Wide	sim: 91 %	sim: 1.950	BJB: 47.319.2030
CLU720/721	32 deg	Wide	84 %	1.700	A.A.G. STUCCHI: 8101/G2
CLU720/721	32 deg	Wide	83 %	1.700	BJB: 47.319.2021
CXA/B 30xx	38 deg	Wide	81 %	1.450	A.A.G. STUCCHI: 8404/G2
CXA/B 25xx	37 deg	Wide	82 %	1.510	A.A.G. STUCCHI: 8401/G2
CXA/B 25xx	38 deg	Wide	80 %	1.400	-
COB 10W/13W/17W/24W	33 deg	Wide	84 %	1.700	BJB: 47.319.2080
COB 10W/13W/17W/24W	34 deg	Wide	83 %	1.650	A.A.G. STUCCHI: 8600/G2
COB 40W/60W	39 deg	Wide	81 %	1.400	A.A.G. STUCCHI: 8102/G2
LUXEON K16	36 deg	Wide	88 %	1.700	BJB: 47.319.2070
LUXEON K12	35 deg	Wide	87 %	1.700	BJB: 47.319.2070
LUXEON CoB 1208	35 deg	Wide	84 %	1.600	A.A.G. STUCCHI: 8301/G2
LUXEON CoB 1204/1205	33 deg	Wide	83 %	1.660	A.A.G. STUCCHI: 8301/G2
LUXEON CoB 1211	37 deg	Wide	82 %	1.500	A.A.G. STUCCHI: 8102/G2
LUXEON CoB 1211	37 deg	Wide	81 %	1.500	BJB: 47.319.2030
LUXEON CoB 1216	40 deg	Wide	80 %	1.359	-
CXM-22	40 deg	Wide	81 %	1.400	BJB: 47.319.2030
CXM-14	33 deg	Wide	83 %	1.700	BJB: 47.319.2021
Solieriq E30	37 deg	Wide	81 %	1.480	BJB: 47.319.2090



PRODUCT DATASHEET

ANGELA series

last update 12/4/2017

OPTICAL PROPERTIES

LED	Viewing Angle	Light Beam	Efficiency	cd/lm	Connector
Soleriq S13	33 deg	Wide	84 %	1.700	A.A.G. STUCCHI: 8502/G2
Soleriq S19	35 deg	Wide	83 %	1.600	BJB: 47.319.2170
Soleriq P13	33 deg	Wide	83 %	1.670	A.A.G. STUCCHI: 8502/G2
Soleriq S13 Gen2	34 deg	Wide	81 %	1.620	BJB: 47.319.2021
COB D Series LES 22 mm	sim: 40	Wide	sim: 86 %	sim: 1.720	BJB: 47.319.2030
COB D Series LES 14.5 mm	36 deg	Wide	82 %	1.550	A.A.G. STUCCHI: 8101/G2
COB D Series LES 14.5 mm	36 deg	Wide	82 %	1.550	BJB: 47.319.2021
ZC25/40	40 deg	Wide	82 %	1.480	BJB: 47.319.2030
ZC12/18	34 deg	Wide	83 %	1.660	A.A.G. STUCCHI: 8101/G2
ZC25/40	39 deg	Wide	82 %	1.430	A.A.G. STUCCHI: 8102/G2
Mega Zenigata (GW6DME)	34 deg	Wide	85 %	1.700	BJB: 47.319.2011
Mega Zenigata (GW6DME)	35 deg	Wide	84 %	1.600	A.A.G. STUCCHI: 8301/G2
STARK SLE PURE G3 LES17	35 deg	Wide	83 %	1.580	A.A.G. STUCCHI: 8101/G2
SLE G4 LES23 H	36 deg	Wide	86 %	1.600	-
SLE G4 LES19 H	34 deg	Wide	81 %	1.600	-
SLE G5 LES15	34 deg	Wide	83 %	1.640	BJB: 47.319.2021
SLE G5 LES19 H	34 deg	Wide	81 %	1.600	-
SLE G5 LES23 H	37 deg	Wide	81 %	1.500	-
SLE G6 LES19 H	sim: 35	Wide	sim: 87 %	sim: 2.190	-
SLE G6 LES23 H	sim: 37	Wide	sim: 87 %	sim: 1.990	-
SLE G6 LES17 H	sim: 35	Wide	sim: 88 %	sim: 2.200	-
SLE G6 LES15 H D50	sim: 35	Wide	sim: 87 %	sim: 2.110	-

D

C

B

A

4

4

LED position

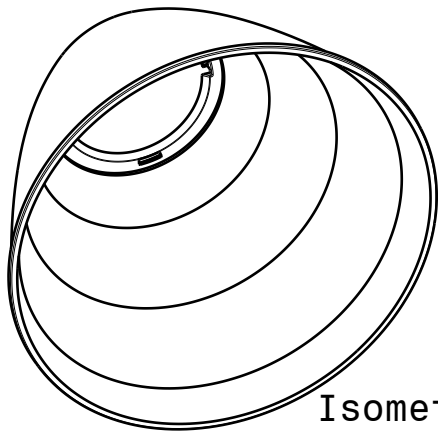
Ø 119.5

Ø 39

Bottom view
Scale: 1:2

3

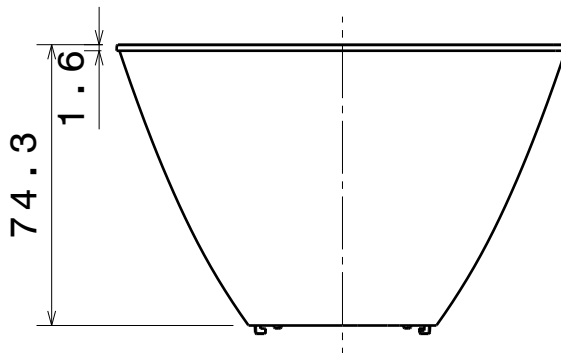
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Isometric view
Scale: 1:2

2

2



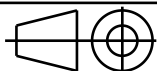
Front view
Scale: 1:2

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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agreement with LEDiL Oy."

SIZE PART NUMBER

A4

-

SCALE 1:2 WEIGHT

-

SHEET 1/1

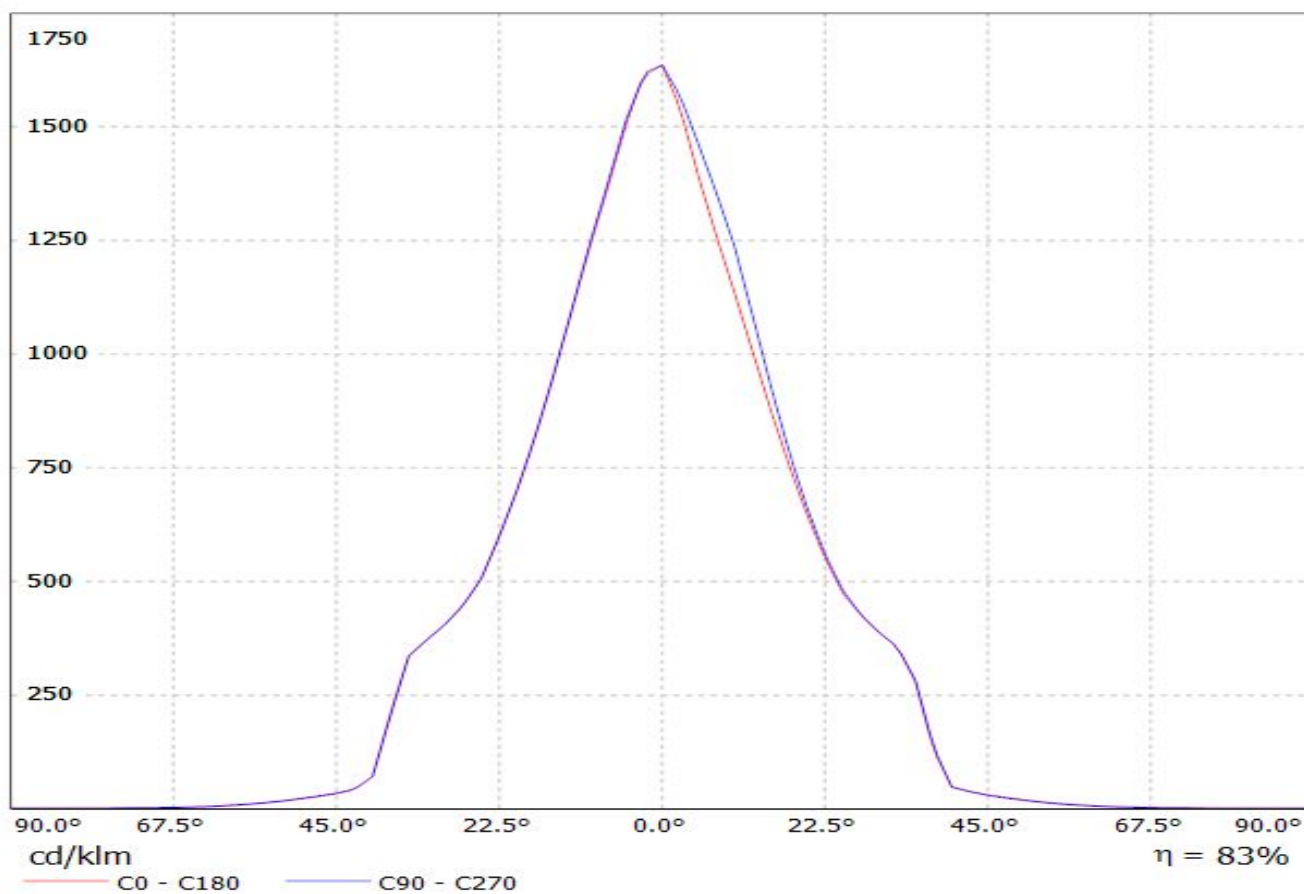
D

A

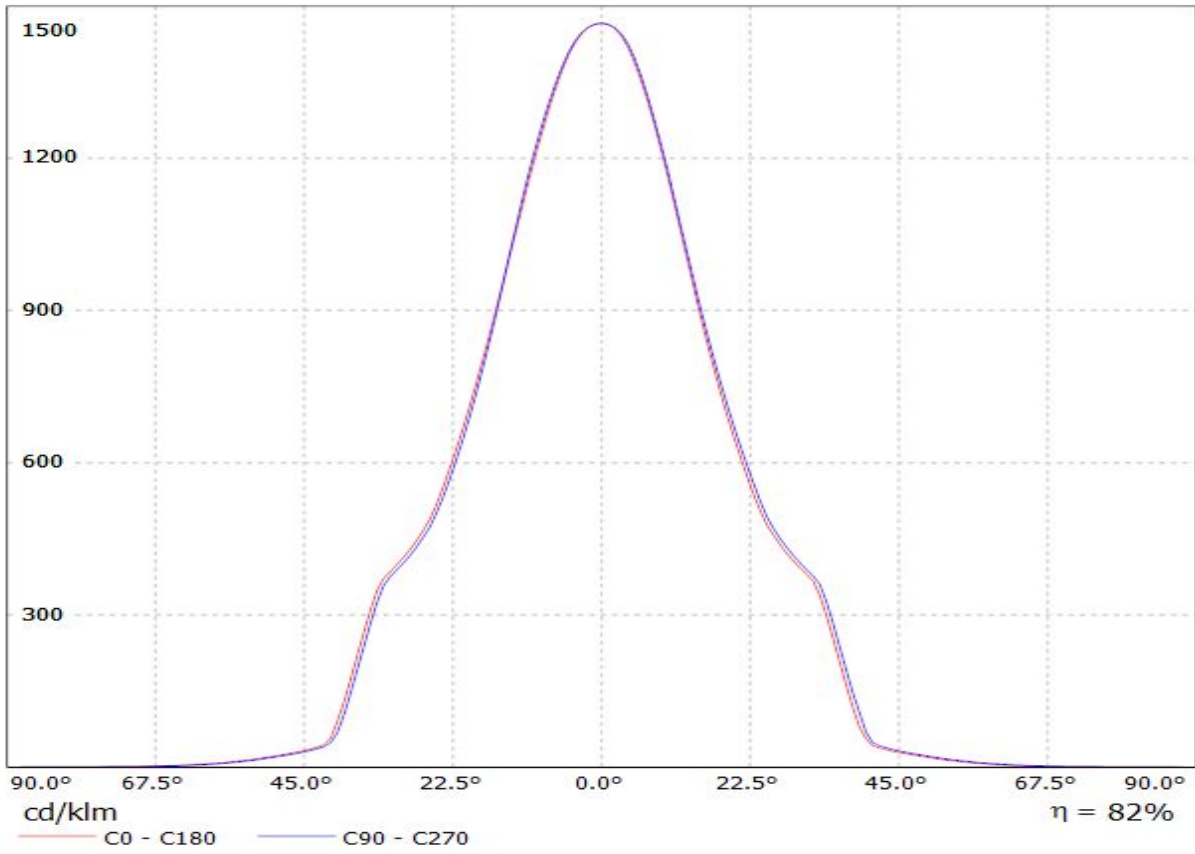
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1

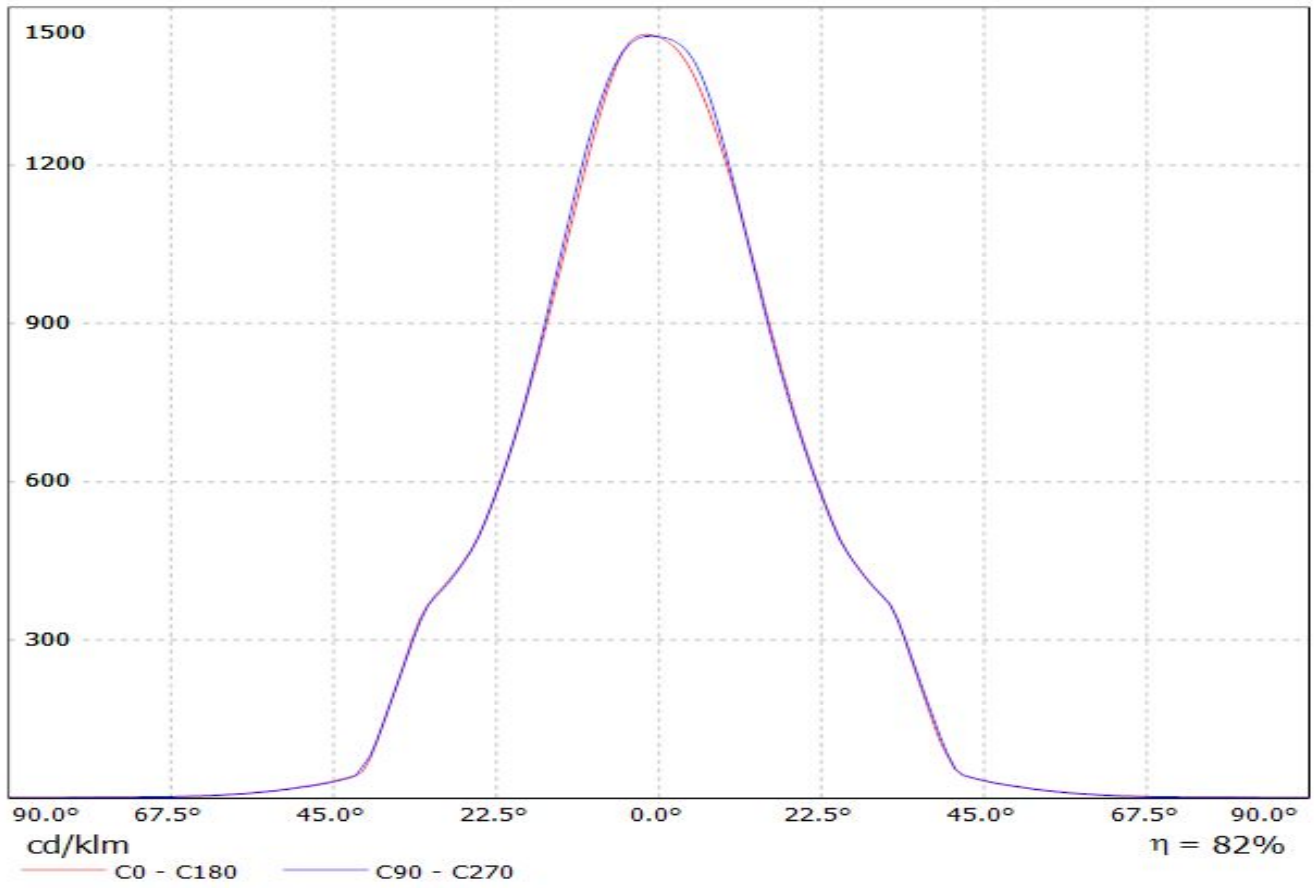
Luminaire: LEDiL Oy F13664_ANGELA-W-B_(BXRA_ES) Eff.83.2%
Lamps: 1 x Bridgelux_BXRA_ES_287.055lm@250mA_P=4.09486W_I=249.9mA



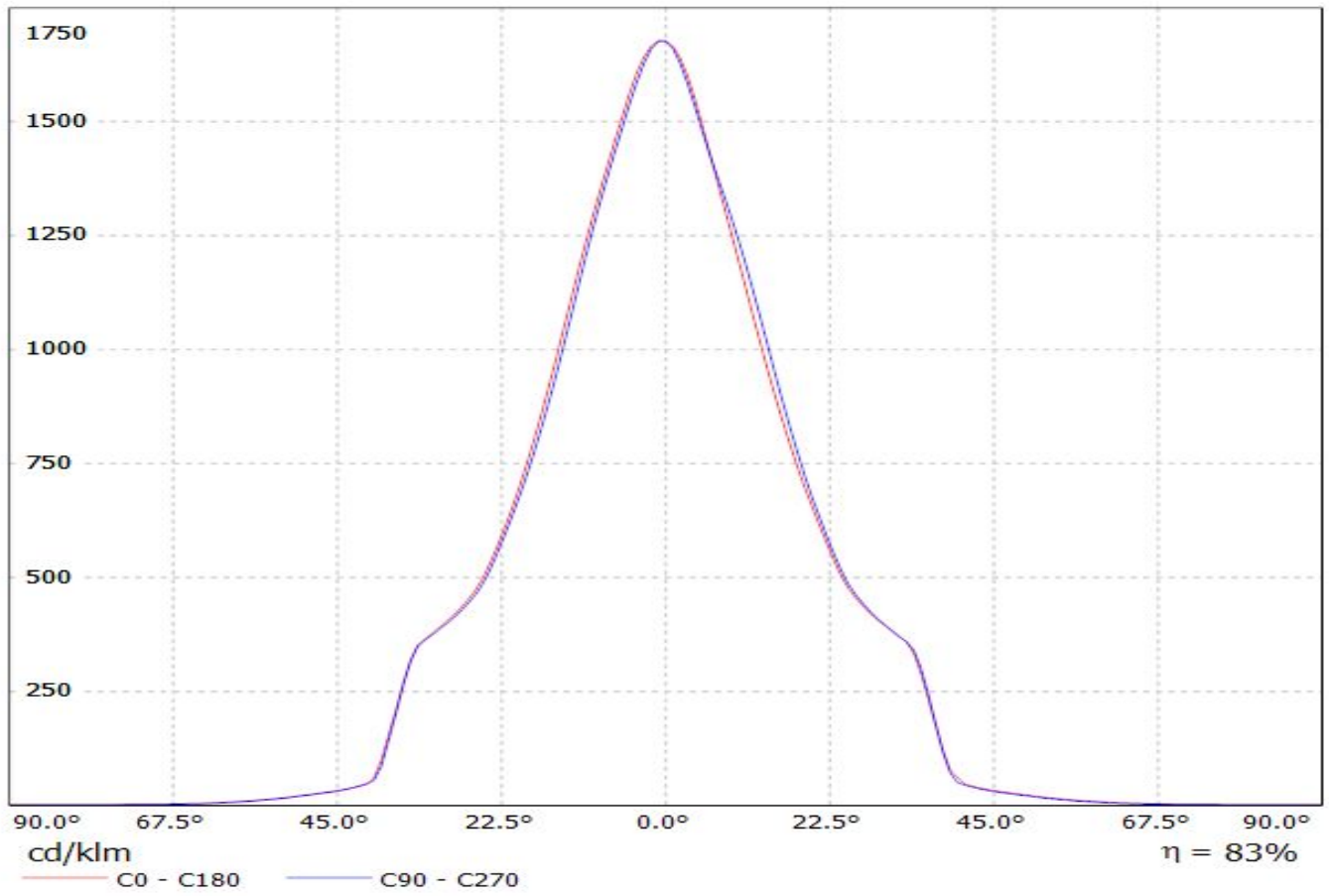
Luminaire: LEDiL Oy F13664_ANGELA-W-B_(V18_Gen7)+BJB
Lamps: 1 x Bridgelux_V18_Gen7_(BXRE-30E4000-B)+BJB_47.319.2350_1384.73lm@250mA_P=8.09577W_I=0.25A



Luminaire: LEDiL Oy F13664_ANGELA-W-B_(CLL040) Eff.81.8%
Lamps: 1 x Citizen_CLL040_1011.32lm@250mA_P=8.24545W_I=249.9mA

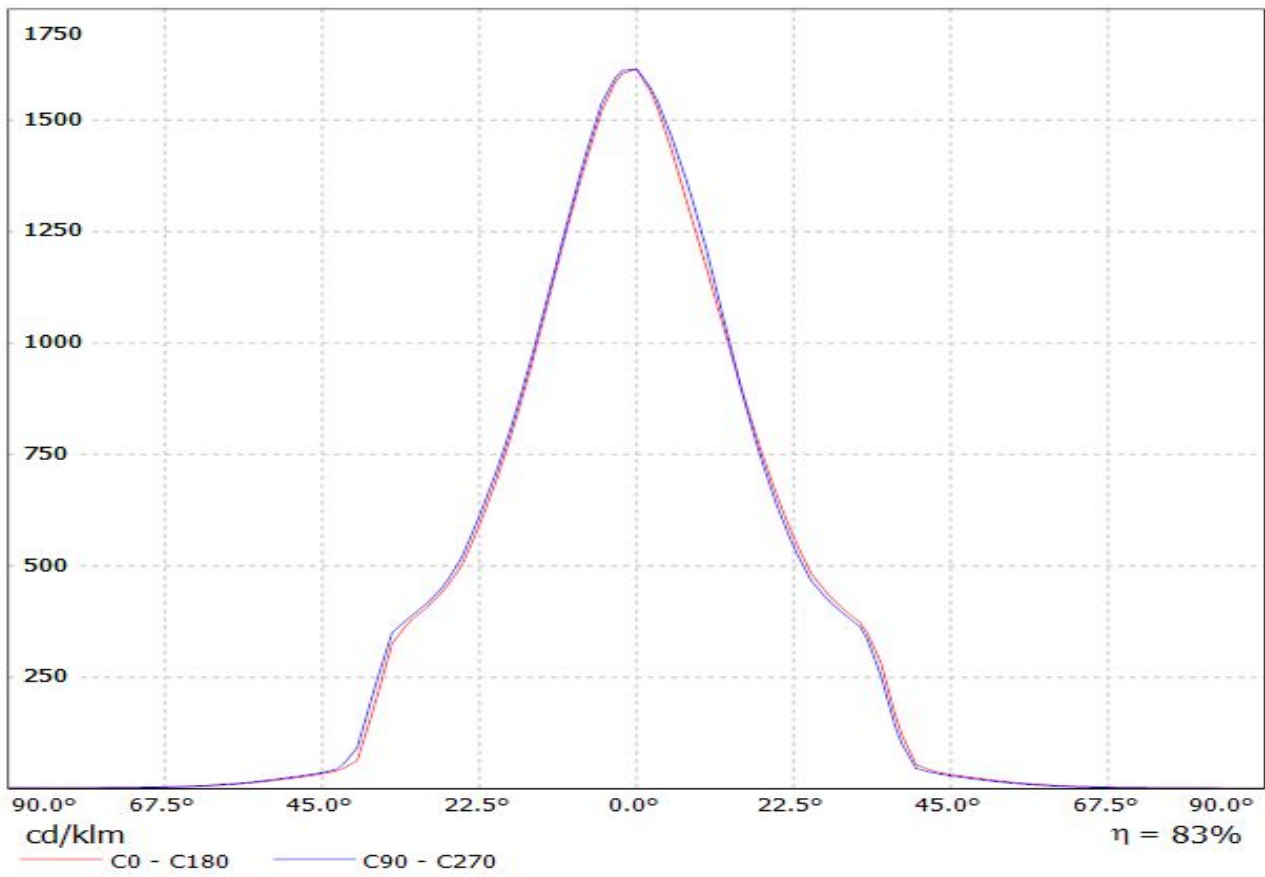


Luminaire: LEDiL Oy F13664_ANGELA-W-B_(CLL030) Eff.83.4%
Lamps: 1 x Citizen_CLL030_1040.57lm@250mA_P=8.45923W_I=249.8mA



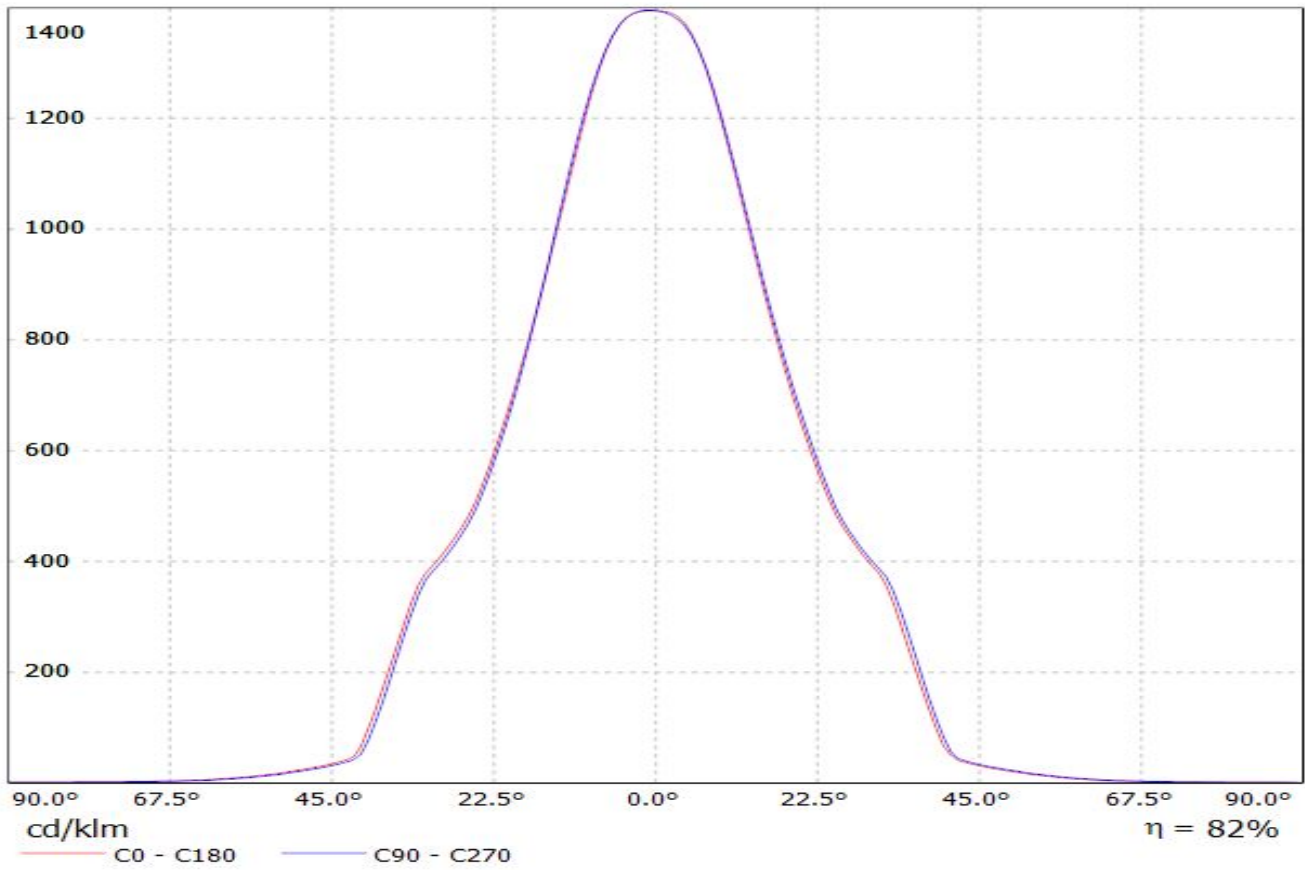
Luminaire: LEDiL Oy F13664_ANGELA-W-B_(CLU034)

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

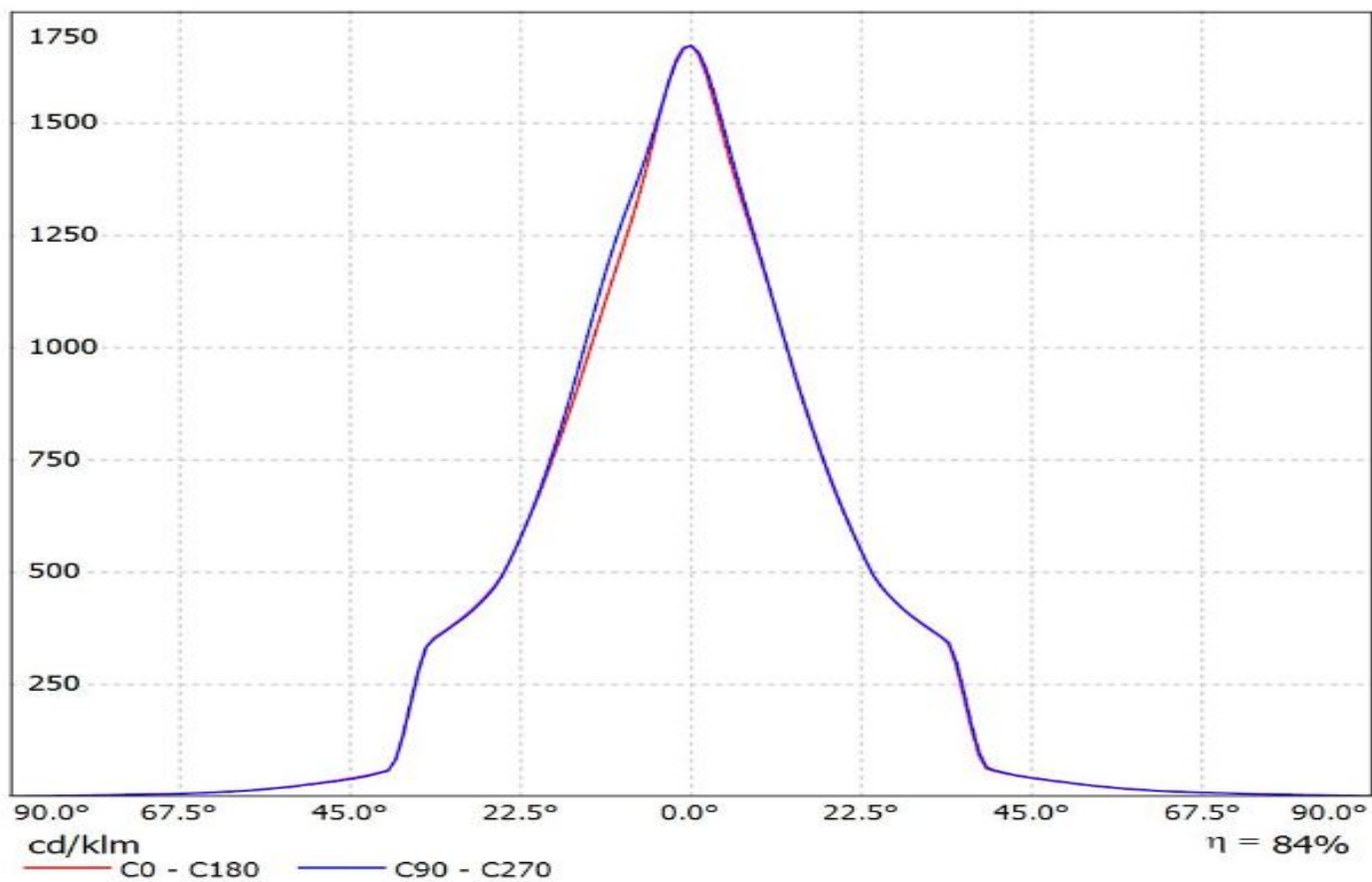


Luminaire: LEDiL Oy F13664_ANGELA-W-B_(CLU044)

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

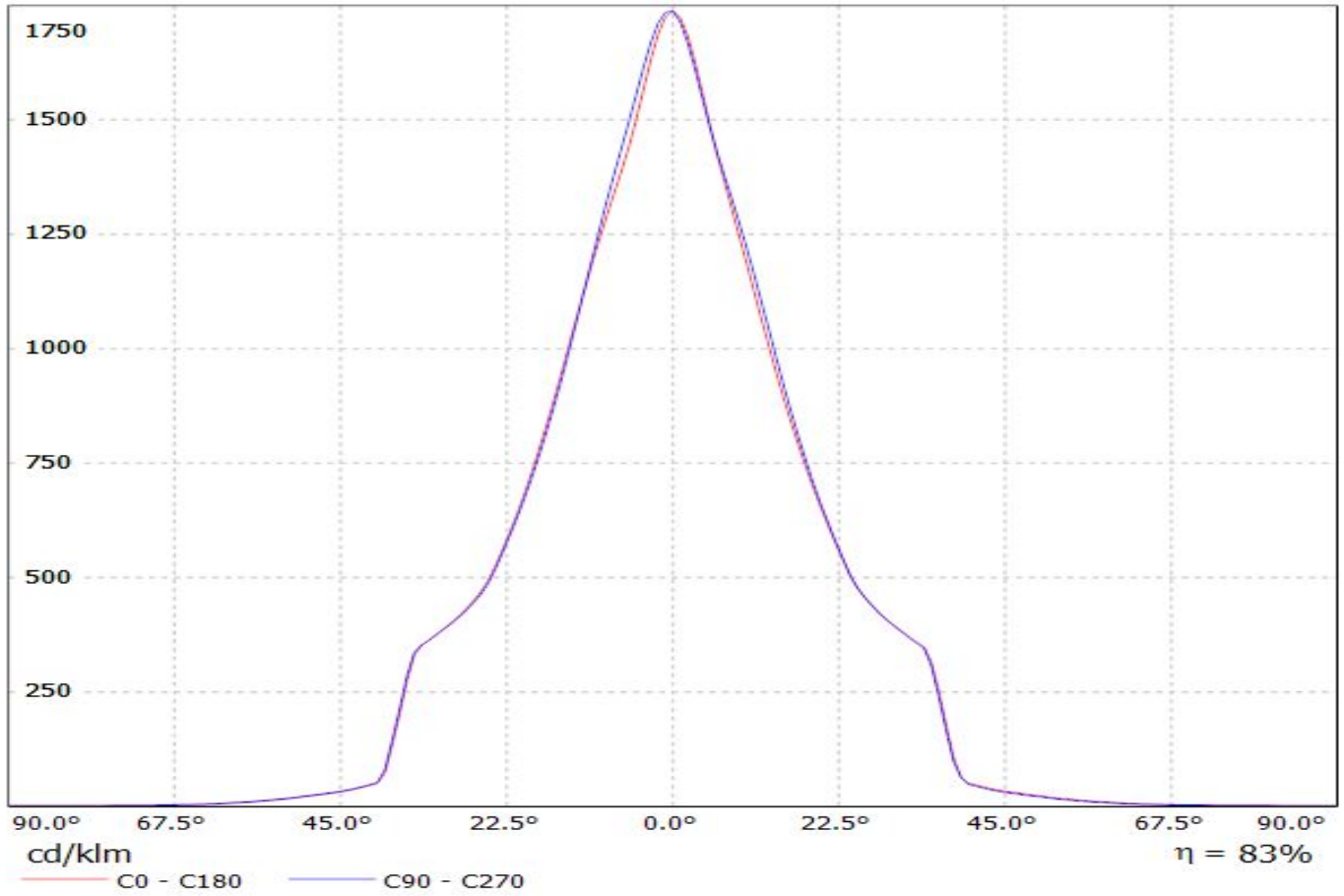


Luminaire: Ledil F13664_ANGELA-W-B_(CITIZEN_CLU720)
Lamps: 1 x CITIZEN_CLU720_(CLU720-1206B8-273M2)
_1320.42lm@250mA_CCT=2700K_P=8.35W_I=0.25A



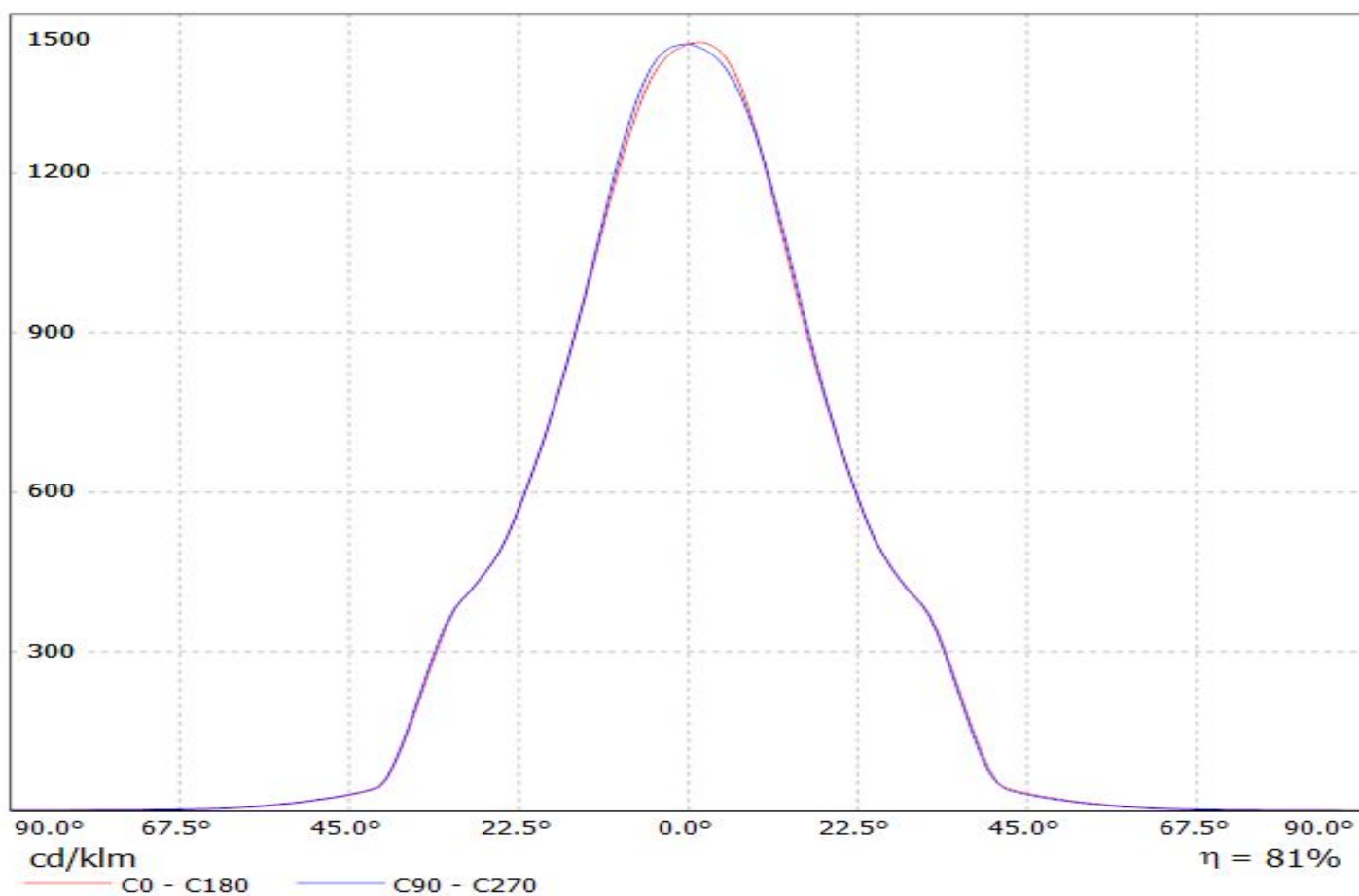
Luminaire: LEDiL Oy F13664_ANGELA-W-B_(CITIZEN_CLU720)

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

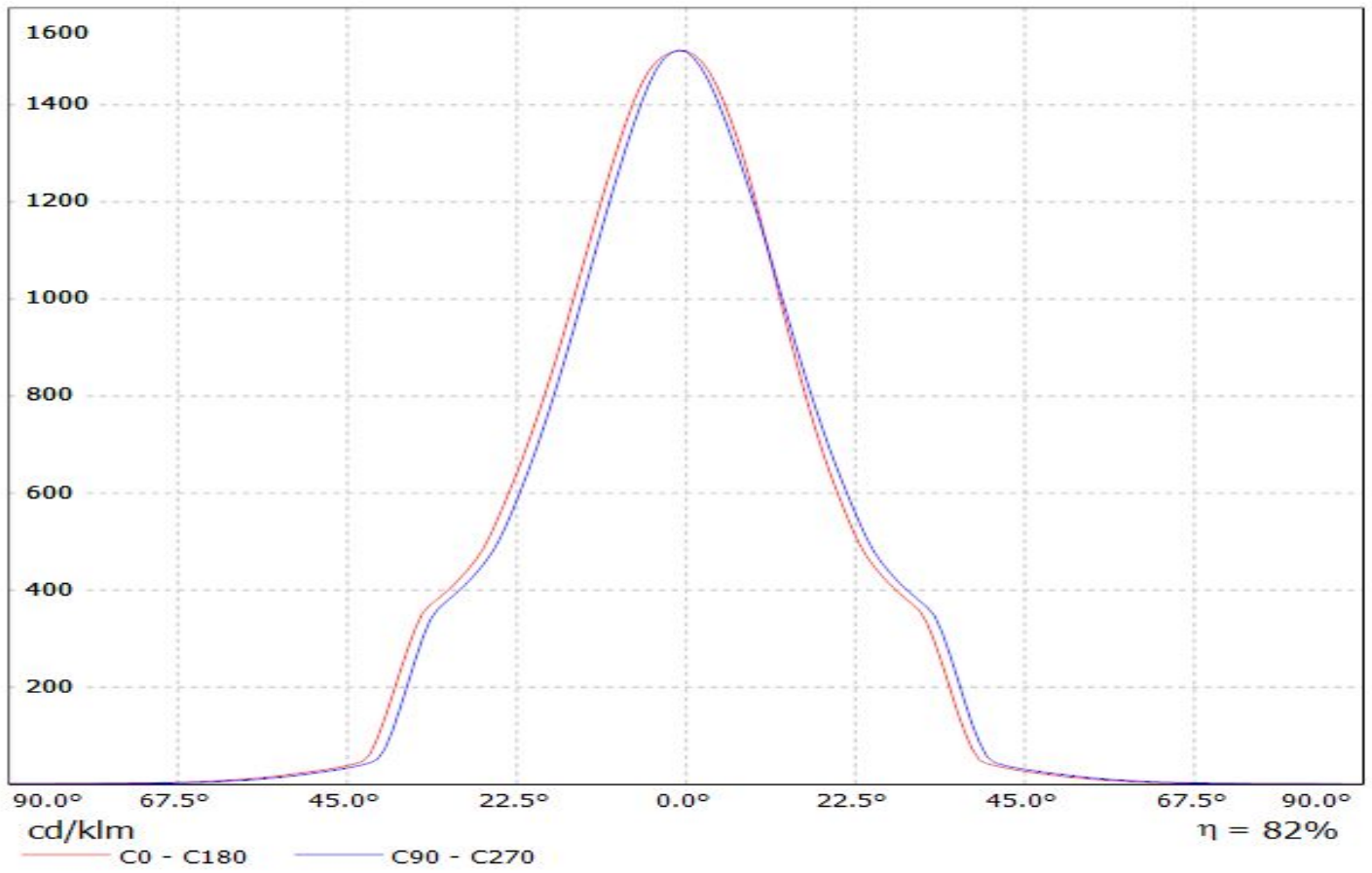


Luminaire: LEDiL Oy F13664_ANGELA-W-B_(CXA30)

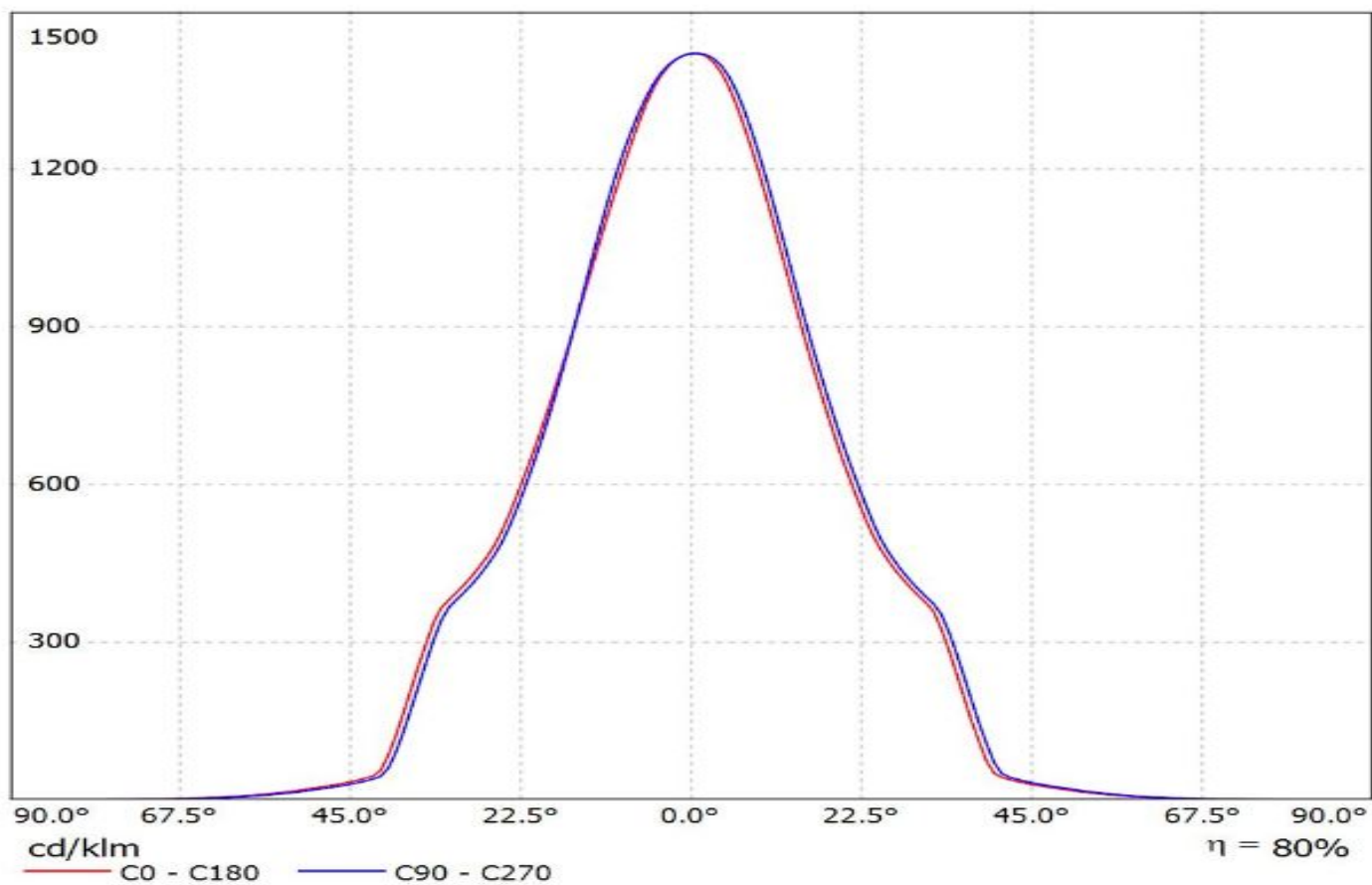
Lamps: 1 x Cree_CXA30_(CXA3050-3C0-Y2-N0H)_1395.36lm@250mA_P=8.20318W_I=249.8mA



Luminaire: LEDiL Oy F13664_ANGELA-W-B_(CXA2590)
Lamps: 1 x CREE_CXA2590_(CXA2590-30F-Z4-RPH-00001)
_837.275lm@100mA_CCT=3000K_P=6.36316W_I=100.1mA

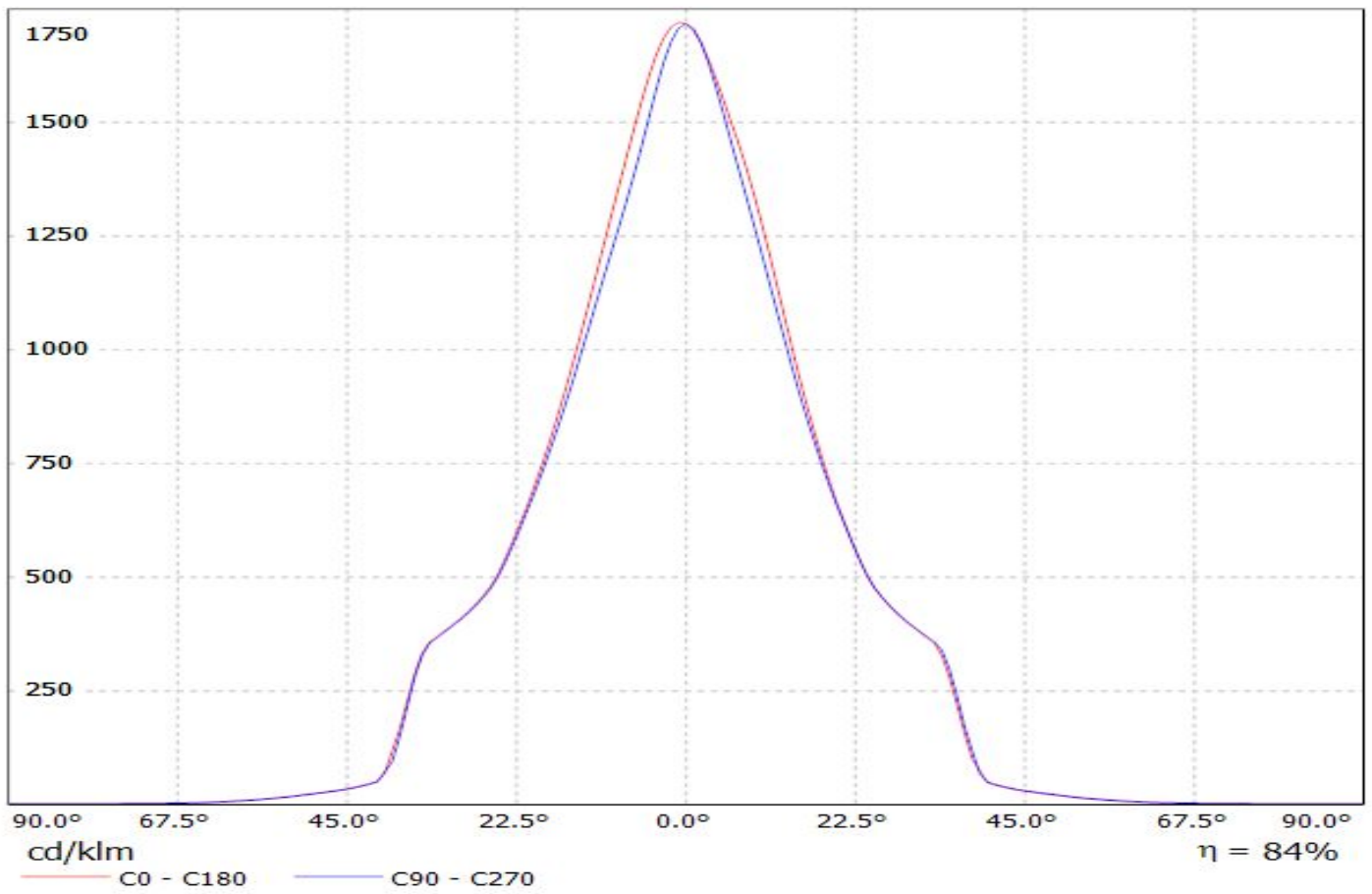


Luminaire: Ledil F13664_ANGELA-W-B_(CXB2540+_BJB_47.319.2140)
Lamps: 1 x CREE_CXB2540_(-40G-W4-N0H-00002)
+_BJB_47.319.2140_1412.99lm@250mA_CCT=40000K_P=8.1310W_I=0.25A



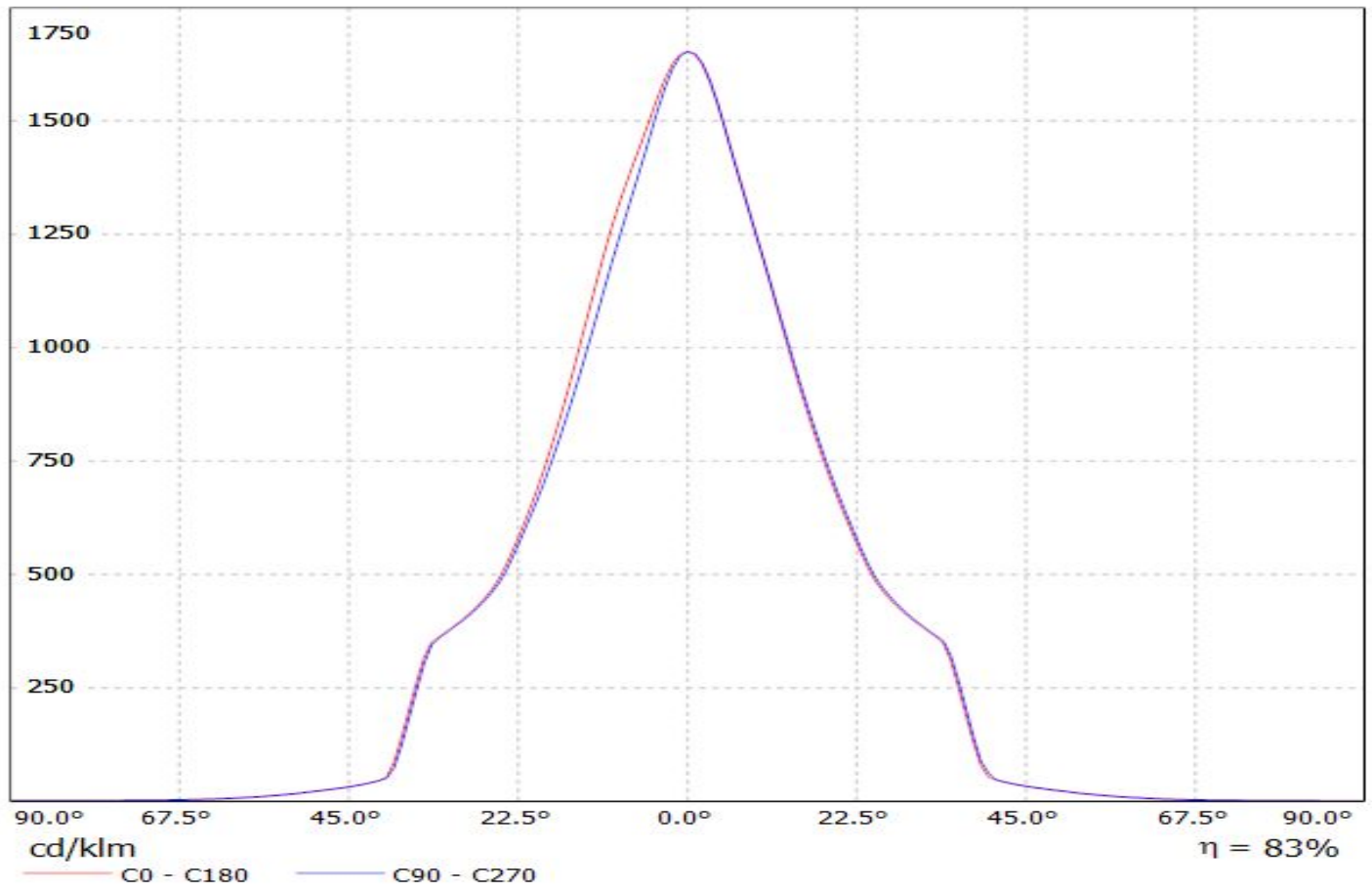
Luminaire: LEDiL Oy F13664_ANGELA-W-B_(COB-10W) Eff 84.0%

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



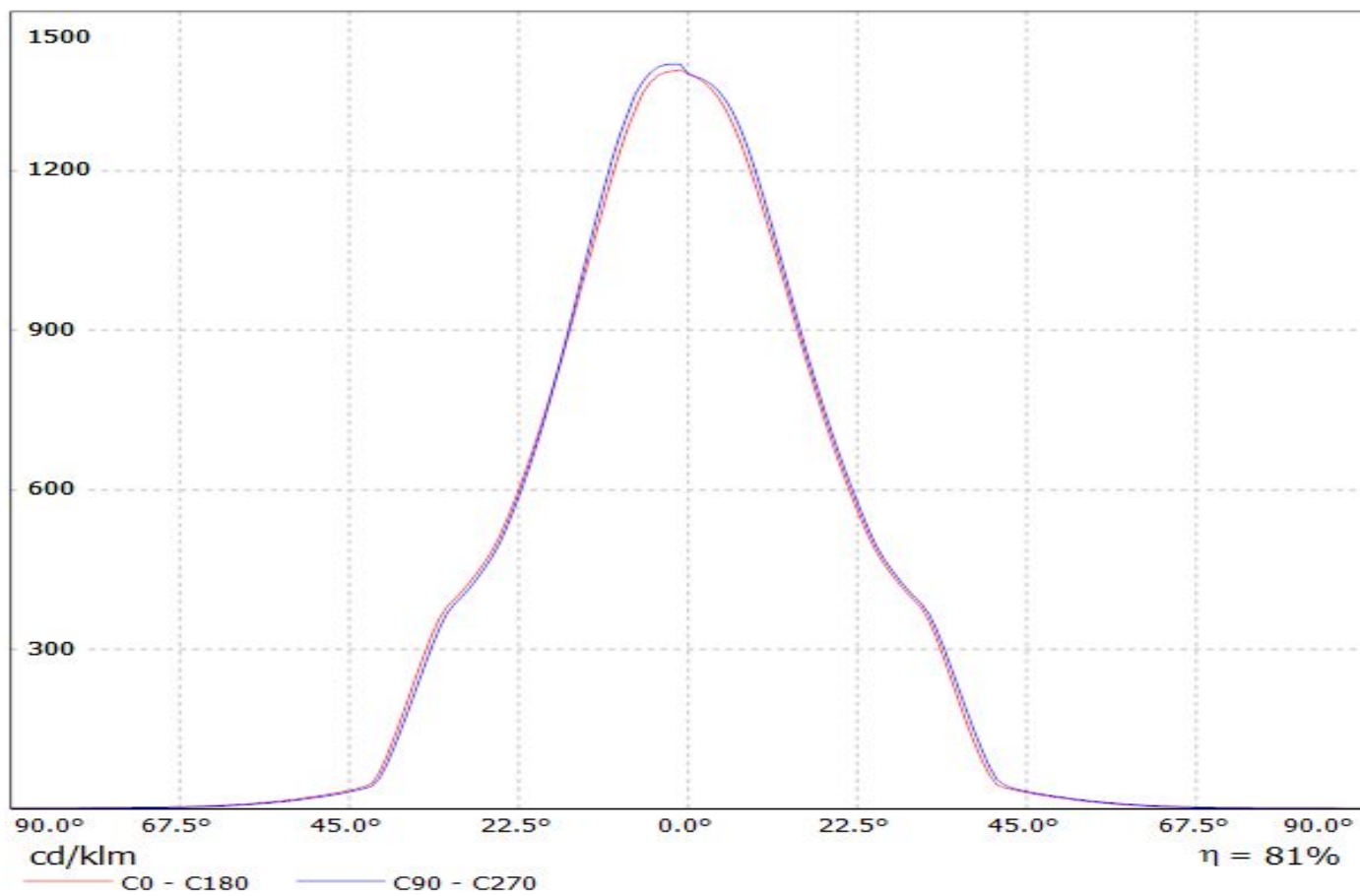
Luminaire: LEDiL Oy F13664_ANGELA-W-B_(LG_COB_10W)

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

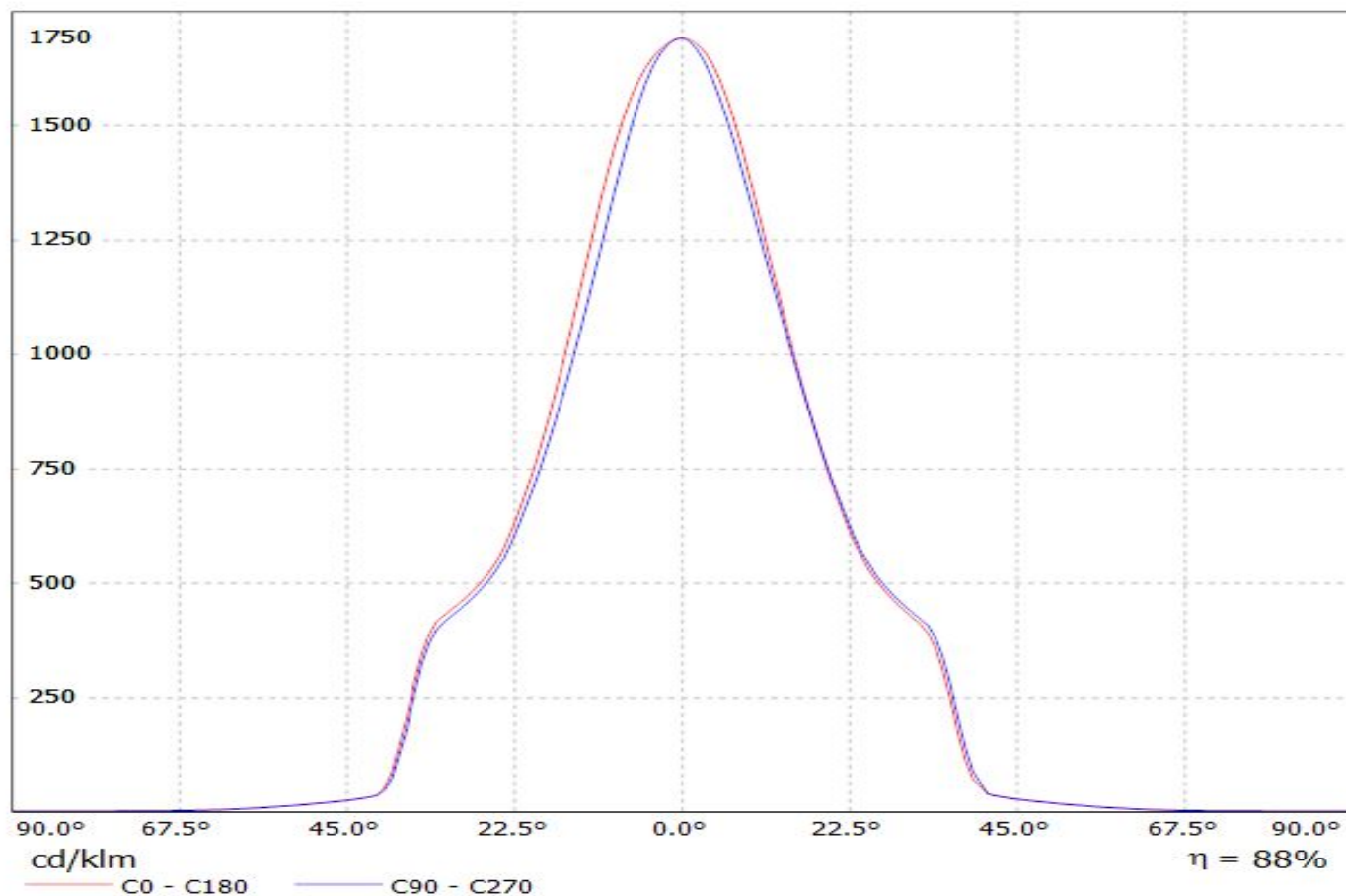


Luminaire: LEDiL Oy F13664_ANGELA-W-B_(COB_40W)

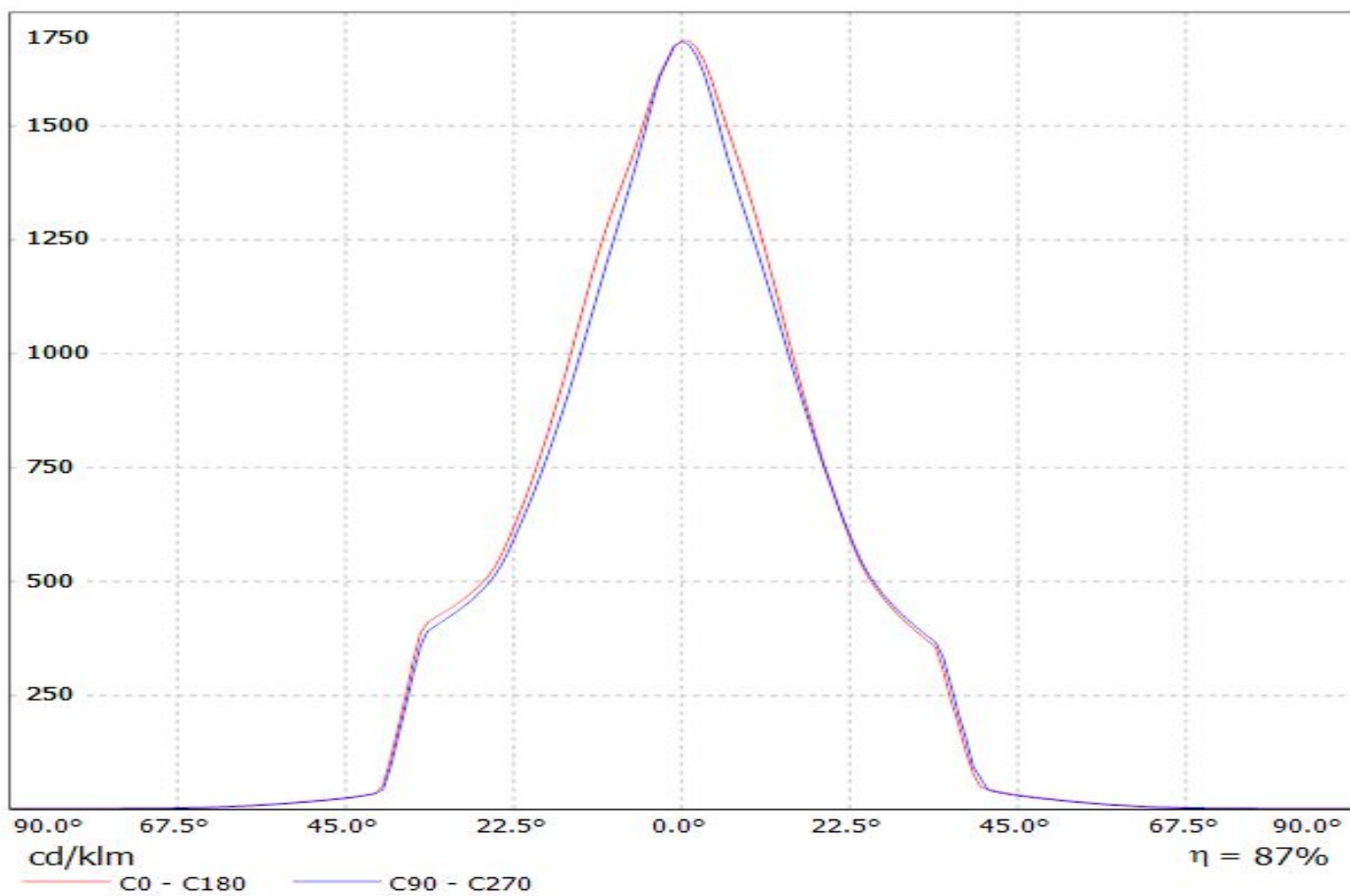
Lamps: 1 x LG_COB_40W_1163.31lm@250mA_CCT=3000K_P=8.04906W_I=249.8mA



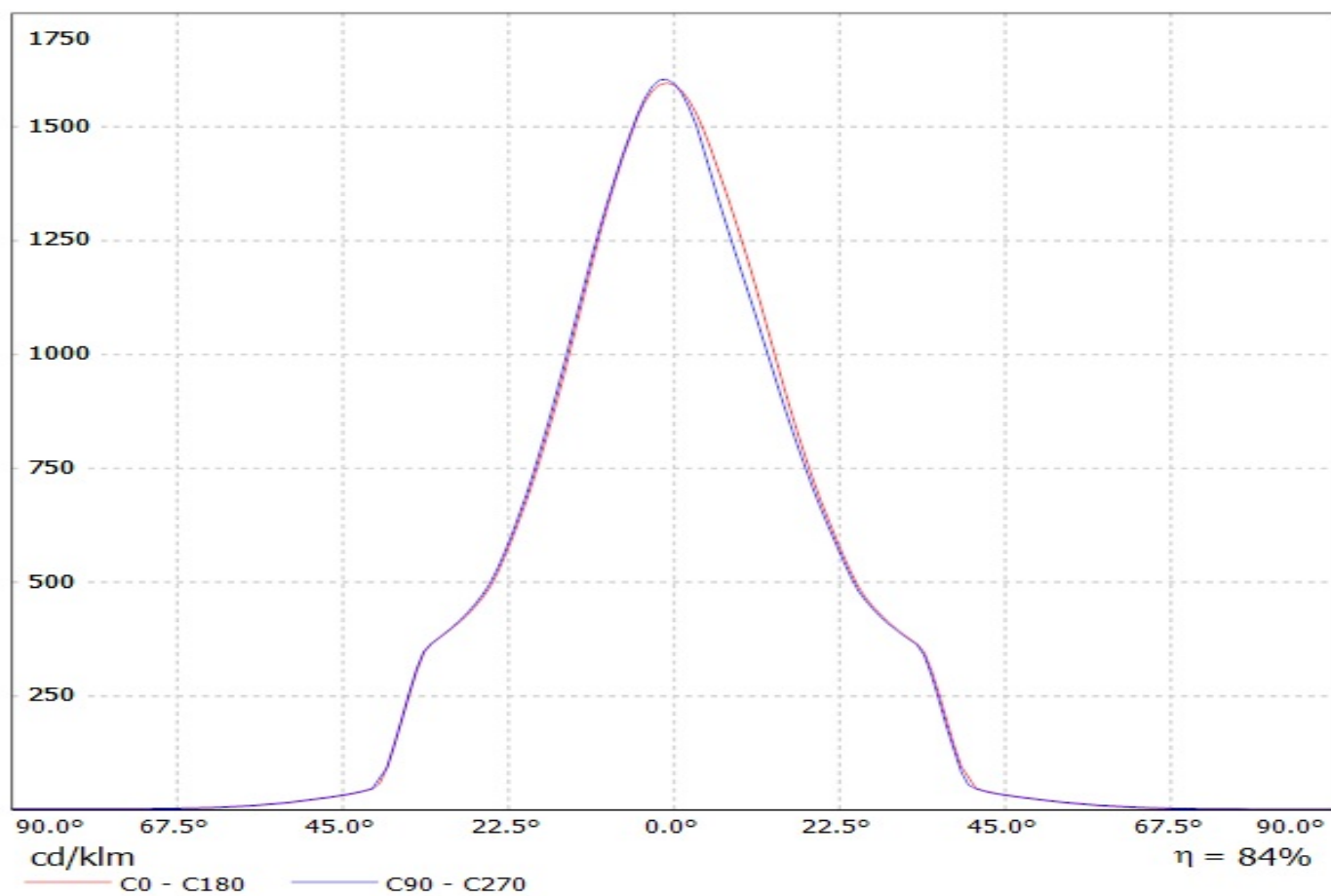
Luminaire: LEDiL Oy F13664_ANGELA-W-B_(K16) Eff.88.4%
Lamps: 1 x Luxeon_K16_1224.2lm@250mA_P=10.8991W_U=249.9mA



Luminaire: LEDiL Oy F13664_ANGELA-W-B_(K12) Eff.86.9%
Lamps: 1 x Luxeon_K12_933.514lm@250mA_P=8.21721W_I=249.9mA

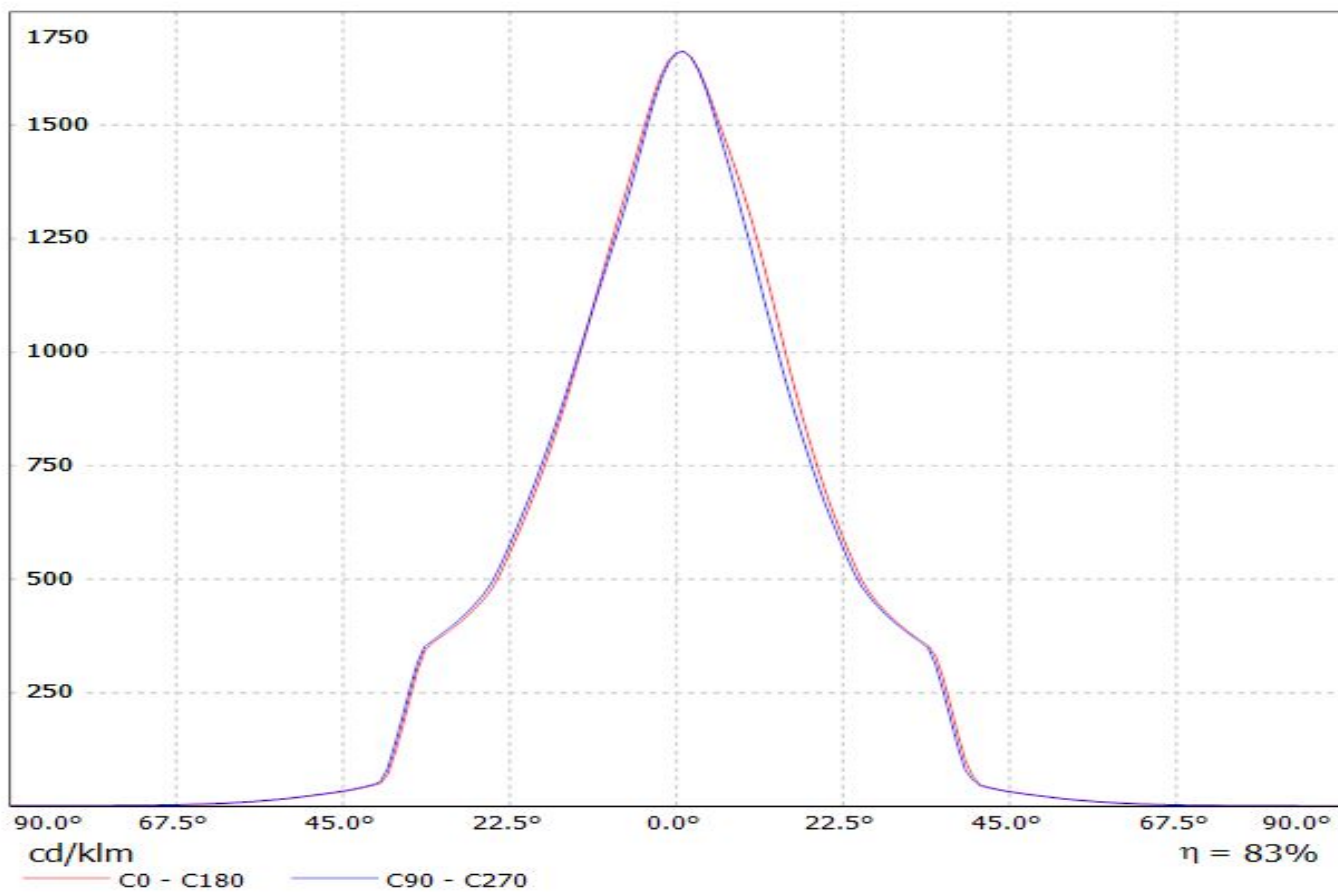


Luminaire: LEDiL Oy F13664_ANGELA-W-B_(Luxeon_CoB_1208)
Lamps: 1 x Luxeon_CoB_1208_1045.92lm@250mA_P=8.25314W_I=249.8mA

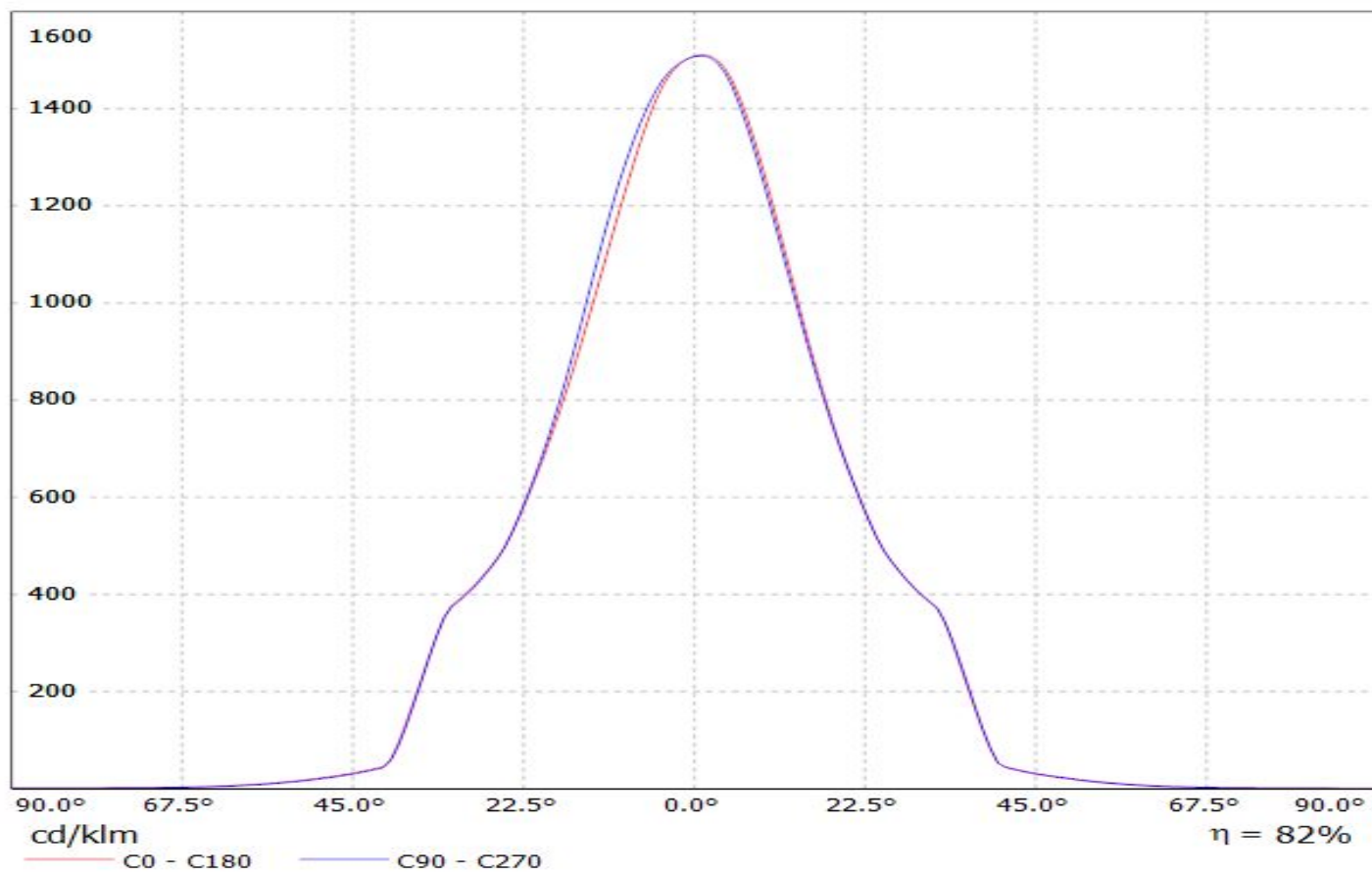


Luminaire: LEDiL Oy F13664_ANGELA-W-B_(Luxeon_CoB_1205)

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

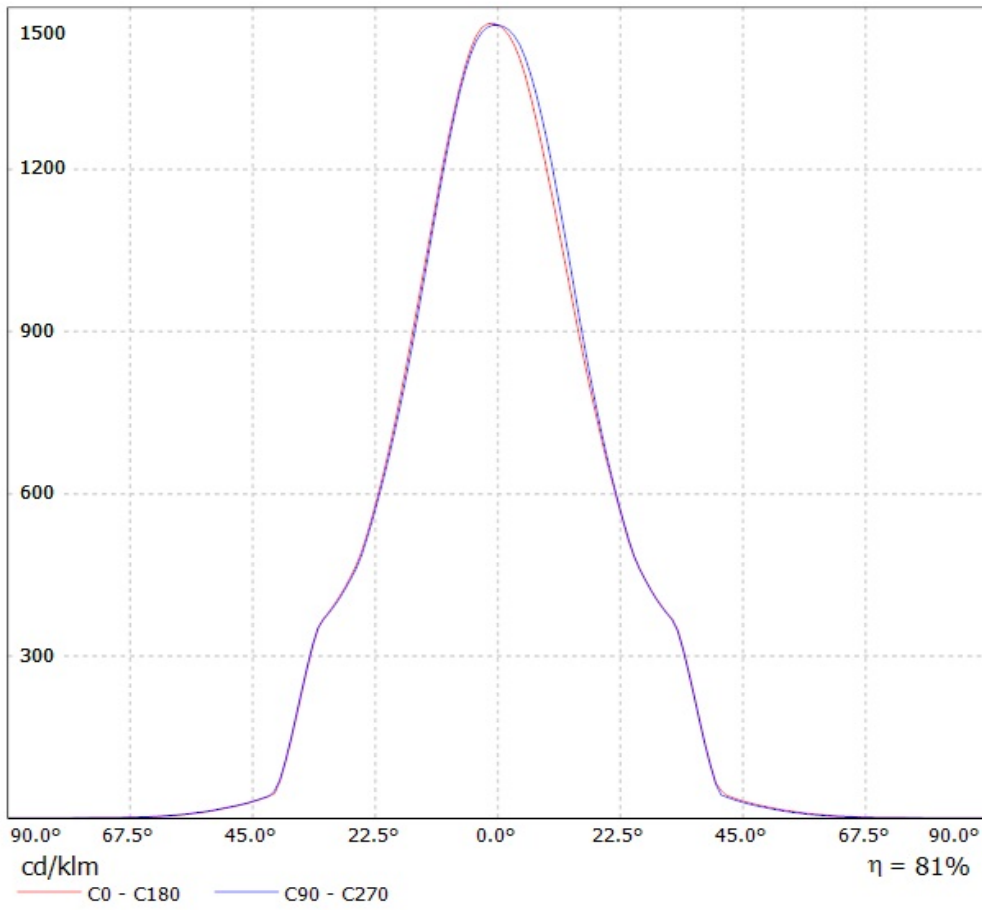


Luminaire: LEDiL Oy F13664_ANGELA-W-B (Luxeon_CoB_1211)
Lamps: 1 x LUXEON_COB_1211 (LHC1-2790-1211)
_923.583lm@250mA_CCT=2700K_P=8.00909W_I=249.8mA



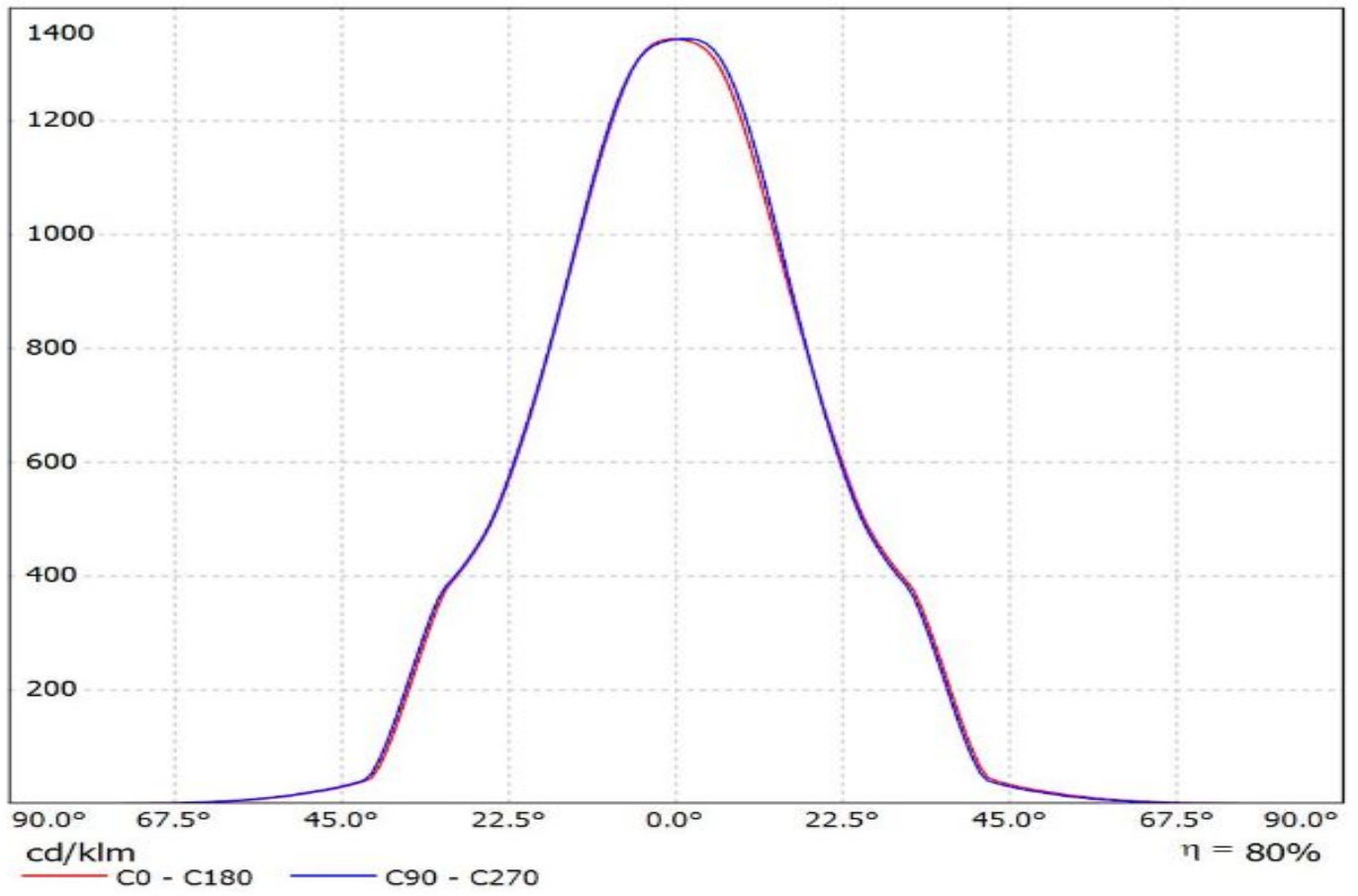
Luminaire: LEDiL Oy F13664_ANGELA-W-B_(Luxeon_CoB_1211)_(BJB2030)

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

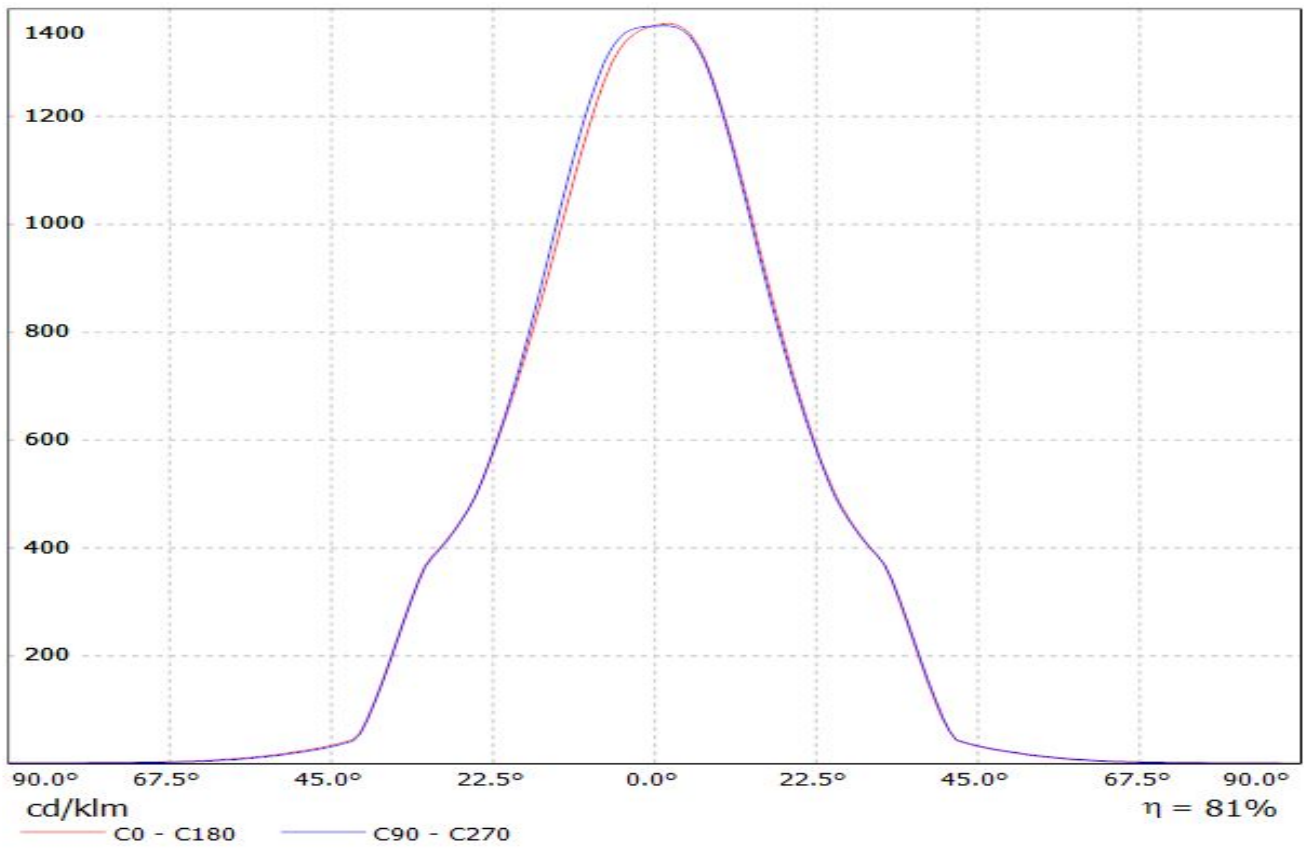


Luminaire: Ledil F13664_ANGELA-W-B_(CoB_1216)

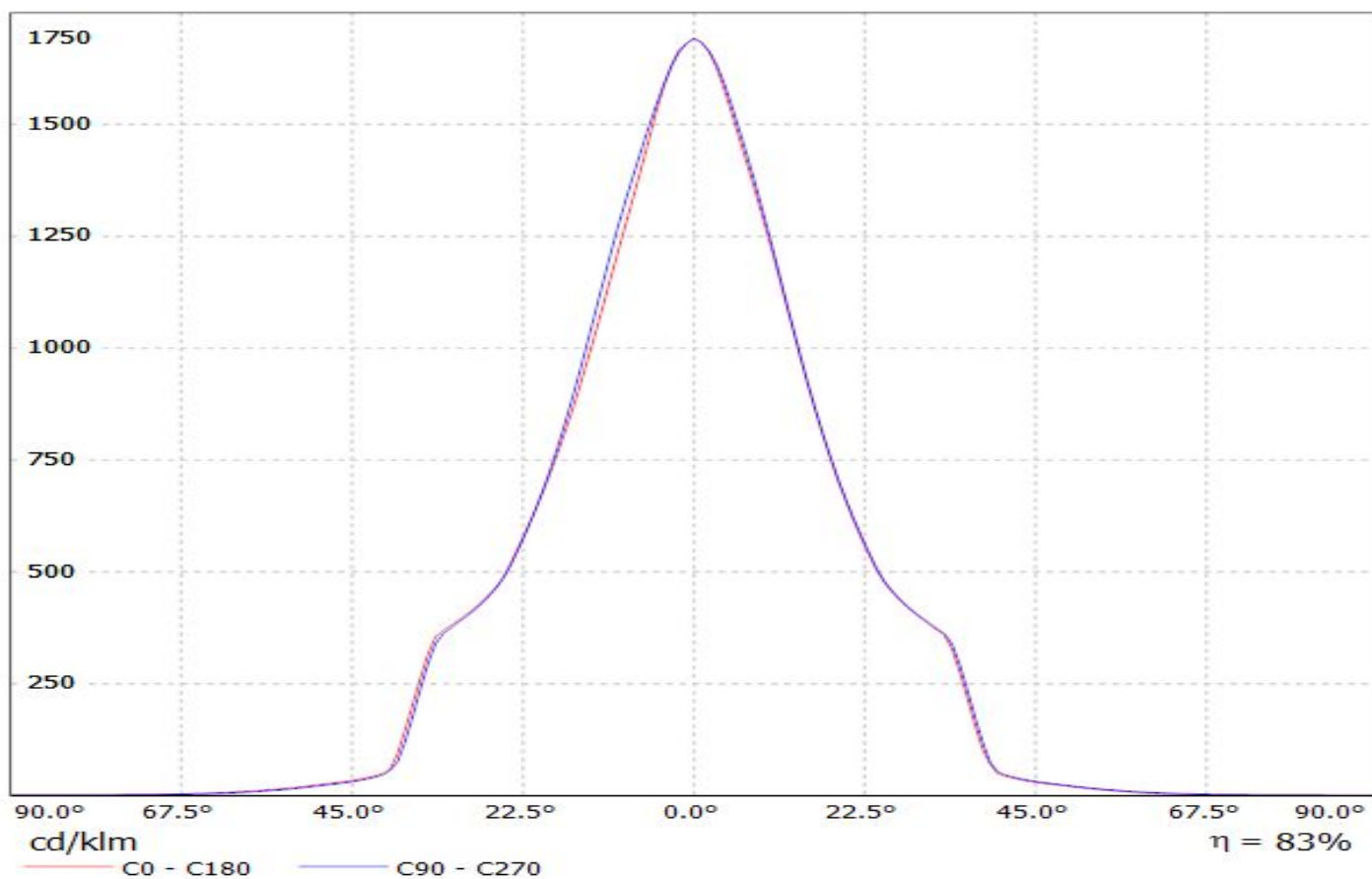
Lamps: 1 x Luxeon_CoB_1216_(L2C2-40801216E2300)_1478.53lm@250mA_P=8.0068W_I=0.25A



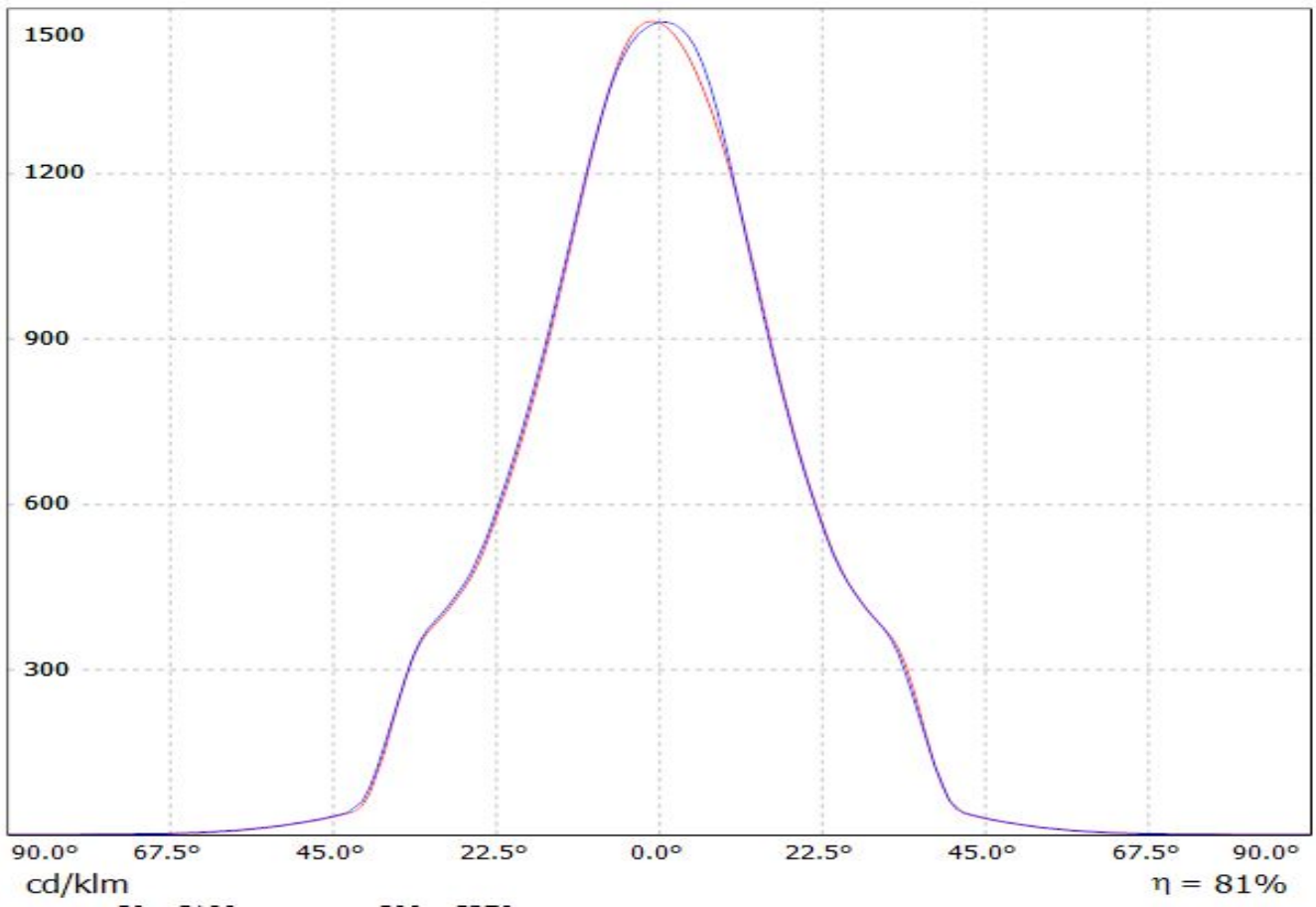
Luminaire: LEDiL Oy F13664_ANGELA-W-B_(CXM-22) Eff.81.5%
Lamps: 1 x LUMINUS_CXM-22_1221.8lm@250mA_P=8.00809W_CCT=3000K_I=249.8mA



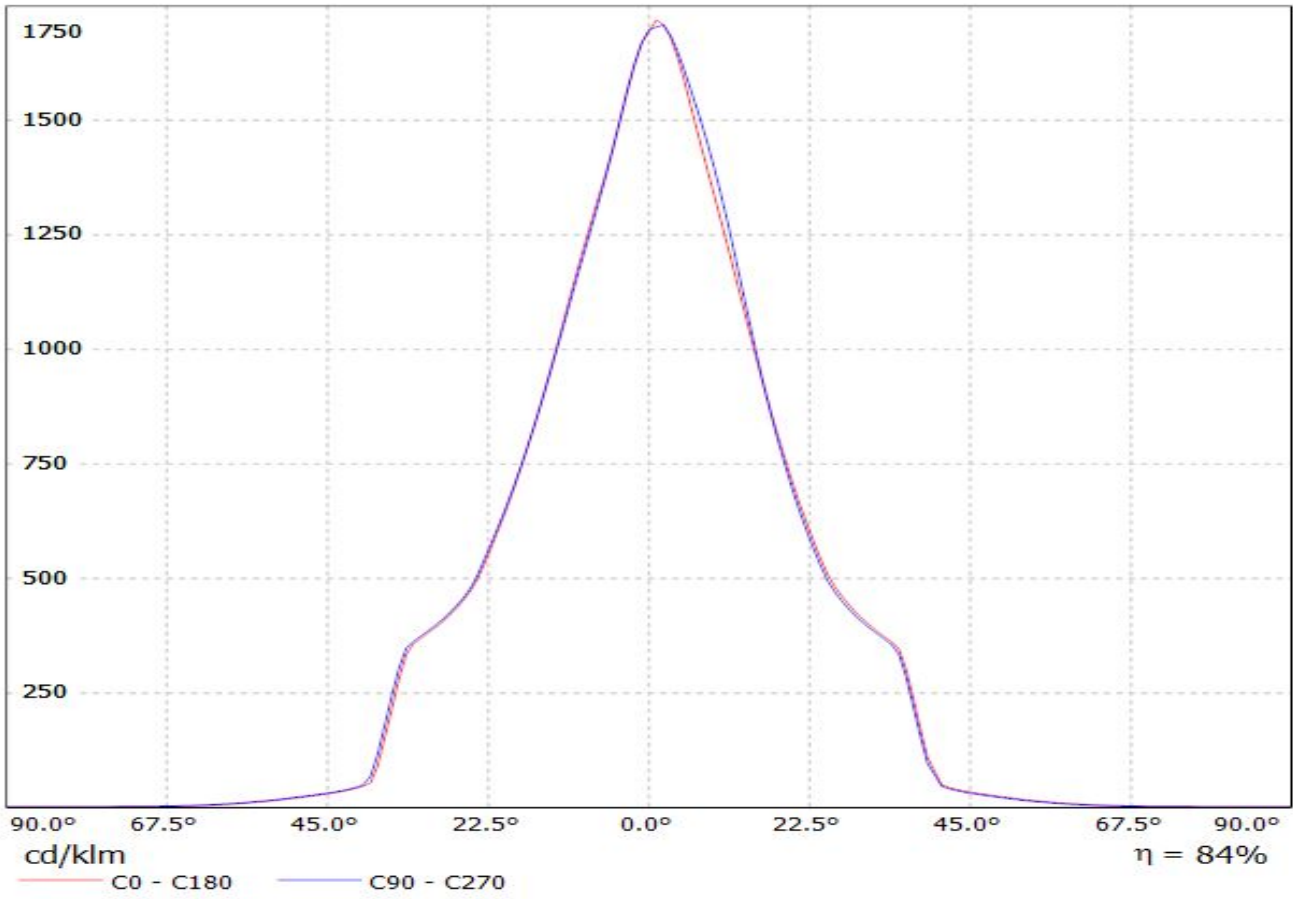
Luminaire: LEDiL Oy F13664_ANGELA-W-B_(CXM-14)
Lamps: 1 x LUMINUS_XNOVA_CXM-14_(AC00)
_1049.18lm@250mA_CCT=3126K_P=8.31834W_I=249.8mA



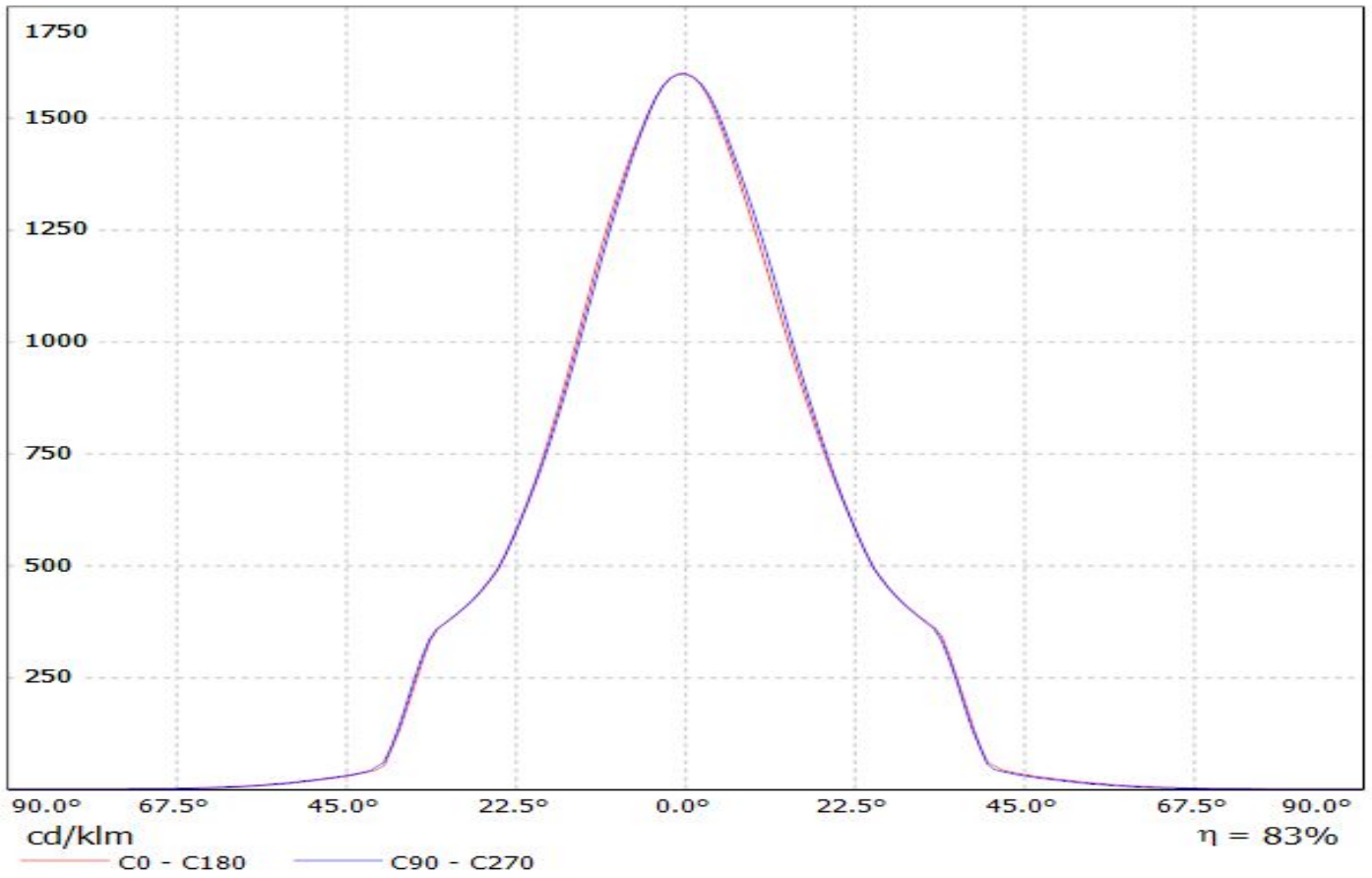
Luminaire: LEDiL Oy F13664_ANGELA-W-B_(E30) Eff.81.5%
Lamps: 1 x Osram_Soleriq_E30_1364.86lm@250mA_P=10.2445W_I=249.8mA



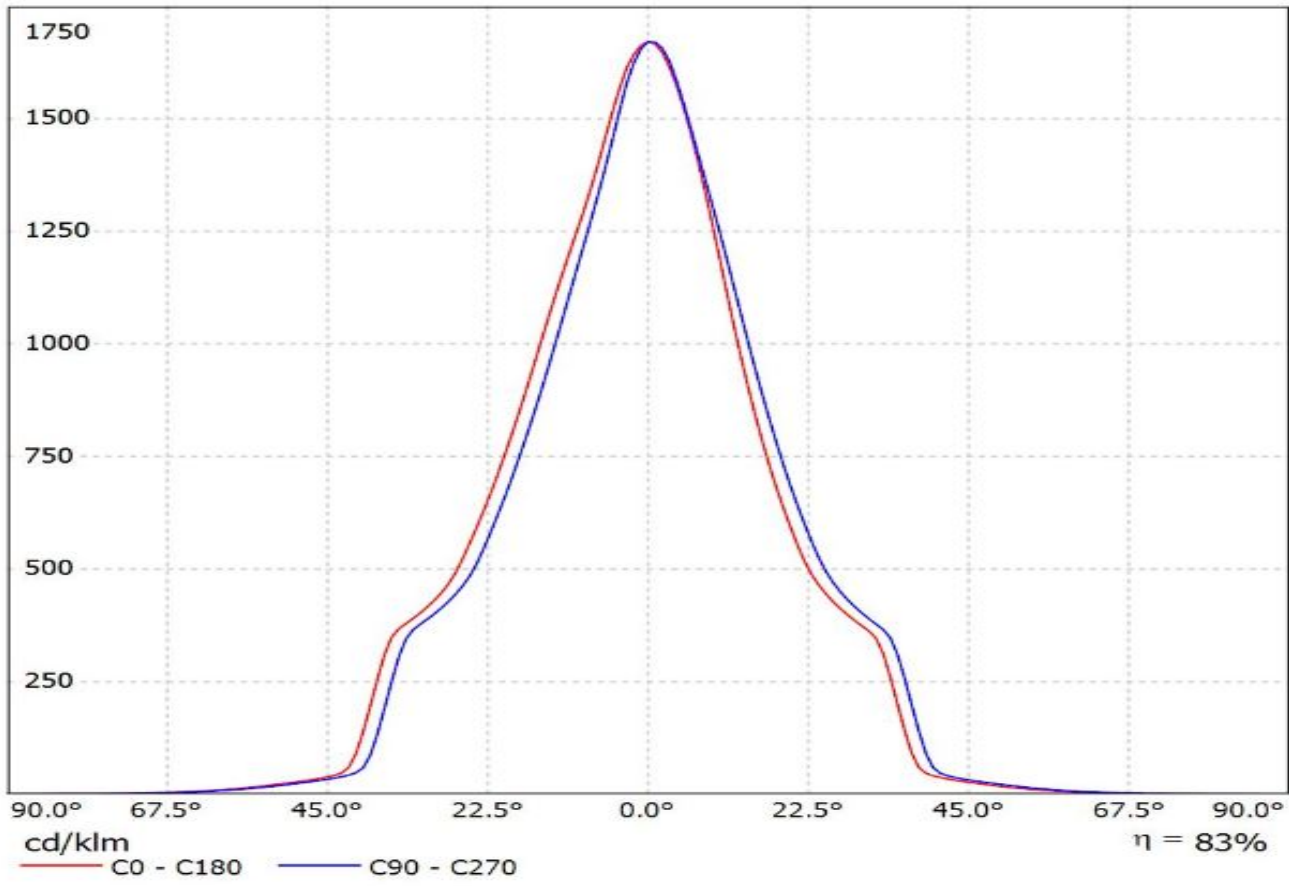
Luminaire: LEDiL Oy F13664_ANGELA-W-B_(S13) Eff.83.9%
Lamps: 1 x Osram_Soleriq_S13_901.003lm@250mA_P=7.48151W_I=249.9mA



Luminaire: LEDiL Oy F13664_ANGELA-W-B_(Soleriq S19) Eff.83.4%
Lamps: 1 x OSRAM_SOLERIQ_S19_(GW_KAHJB1.EM)
_1445.44lm@250mA_CCT=3000K_P=10.558W_I=249.8mA

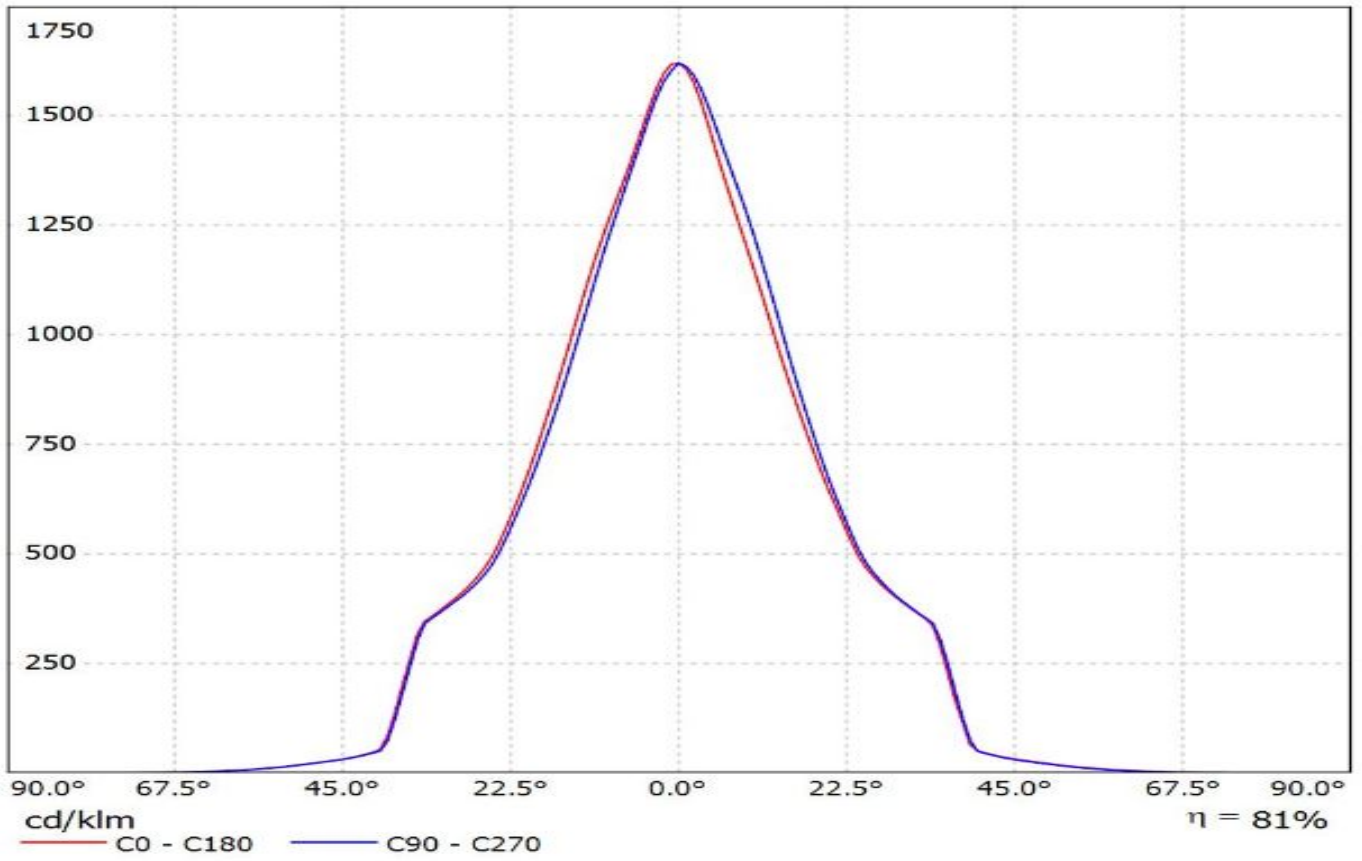


Luminaire: LEDiL Oy F13664_ANGELA-W-B_(SOLERIQ_P13)
Lamps: 1 x SOLERIQ_P13_(GW_MAGMB1.EM)_1053.65lm@250mA_CCT=3000K_P=8.82044W_I=249.8mA

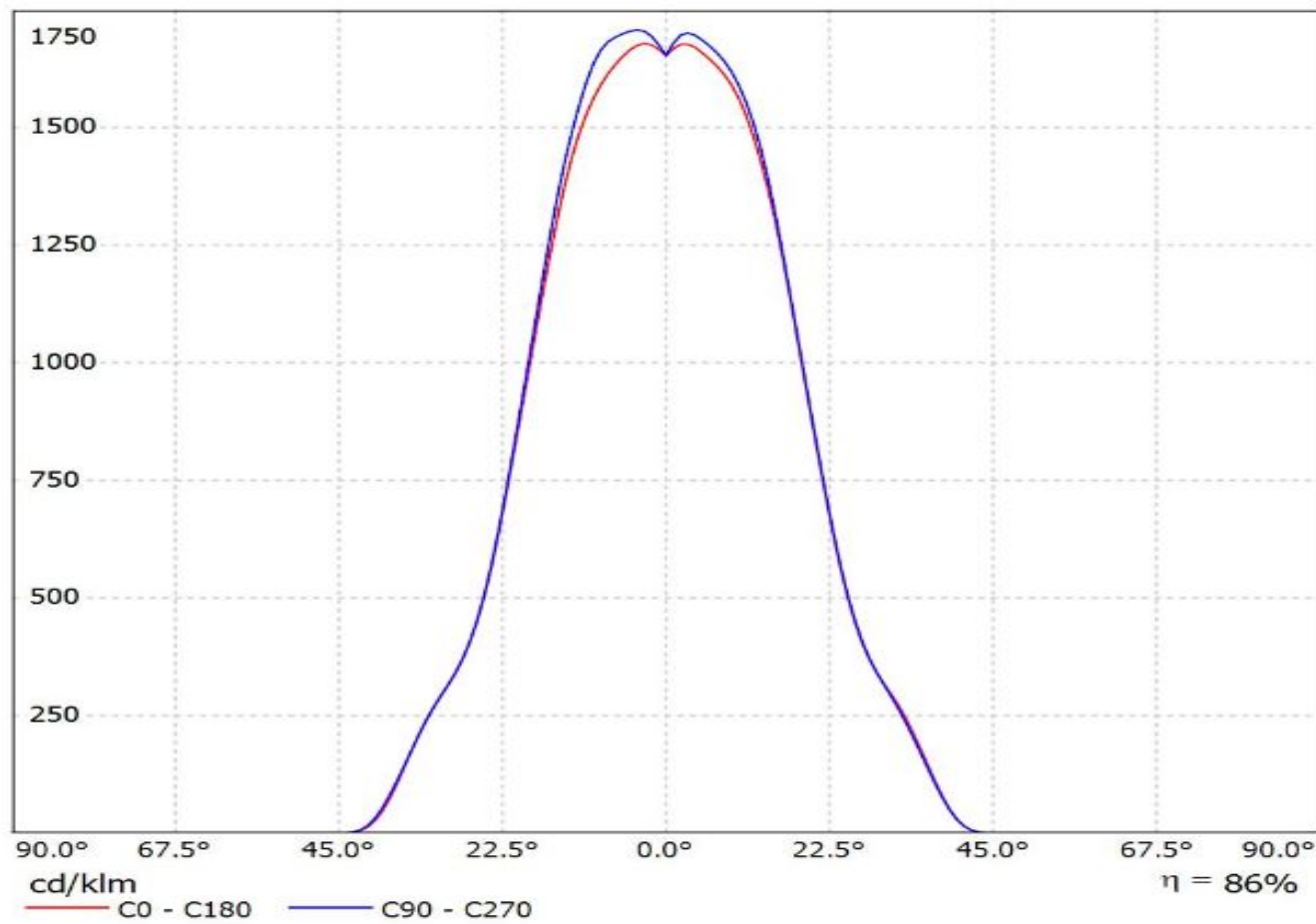


Luminaire: Ledil F13664_ANGELA-W-B_(Soleriq_S13_G2)

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

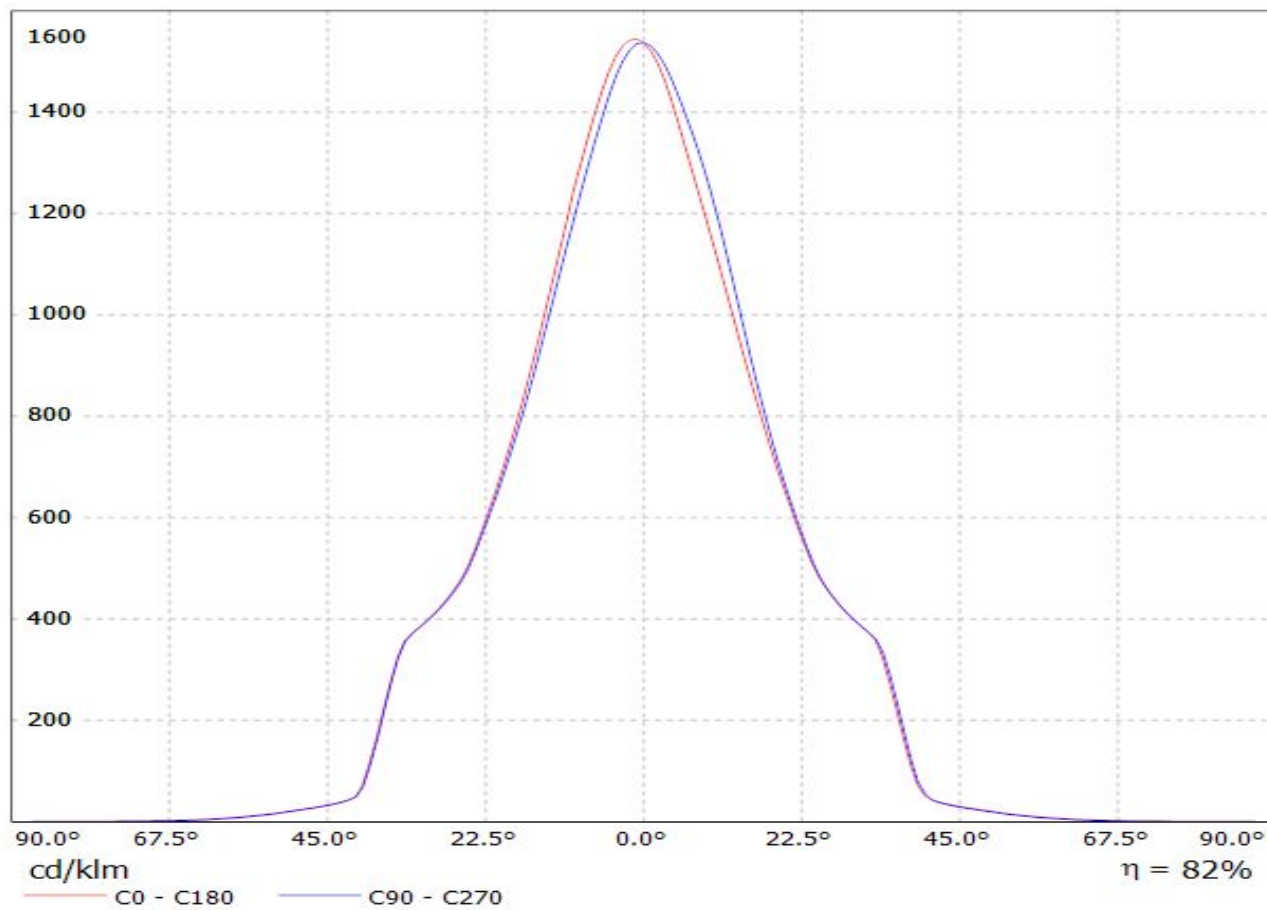


Luminaire: Ledil Oy F13664_ANGELA-W-B+_BJB_47.319.2030_SAMSUNG_COB_D_LC040D_SIMULATED
Lamps: 1 x SAMSUNG LC040D



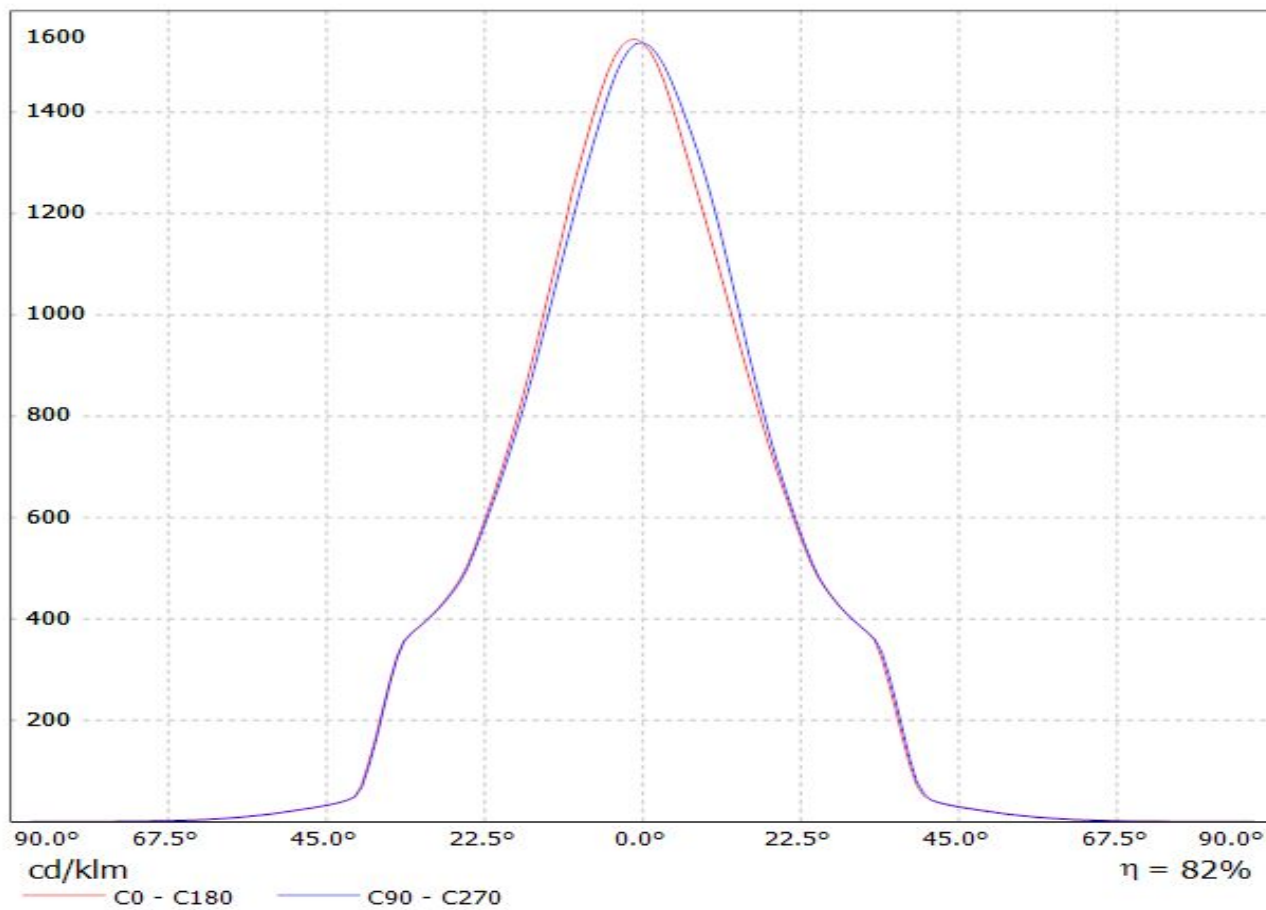
Luminaire: LEDiL Oy F13664_ANGELA-W-B_(COB_D_14,5mm)

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

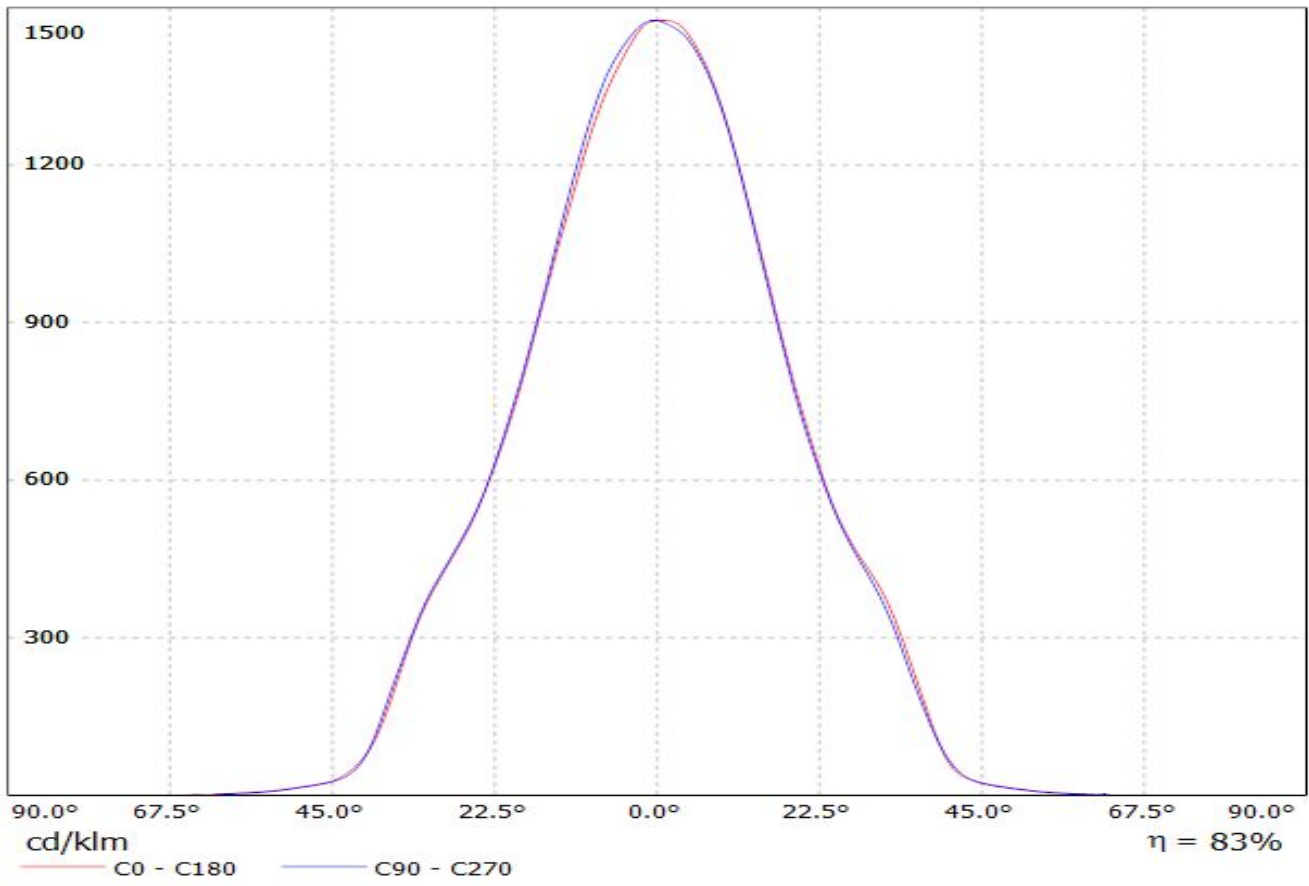


Luminaire: LEDiL Oy F13664_ANGELA-W-B_(COB_D_14,5mm)

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

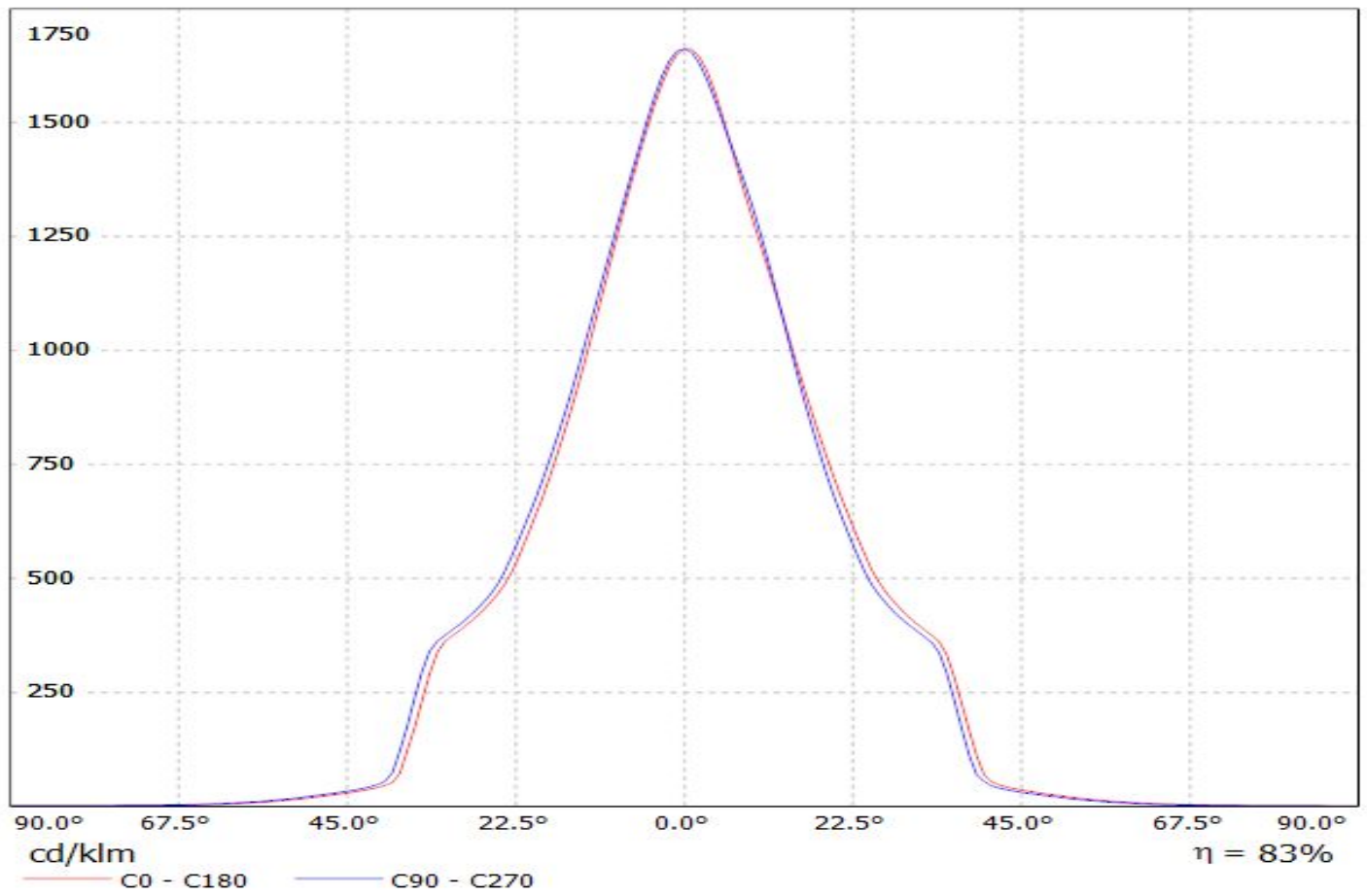


Luminaire: Ledil Oy F13664_ANGELA-W-B_(ZC-40) Efficiency=82%
Lamps: 1 x Seoul ZC-40 (SBWW5F1B) 1153lm @ 250mA CCT= P=8.25W I=250mA



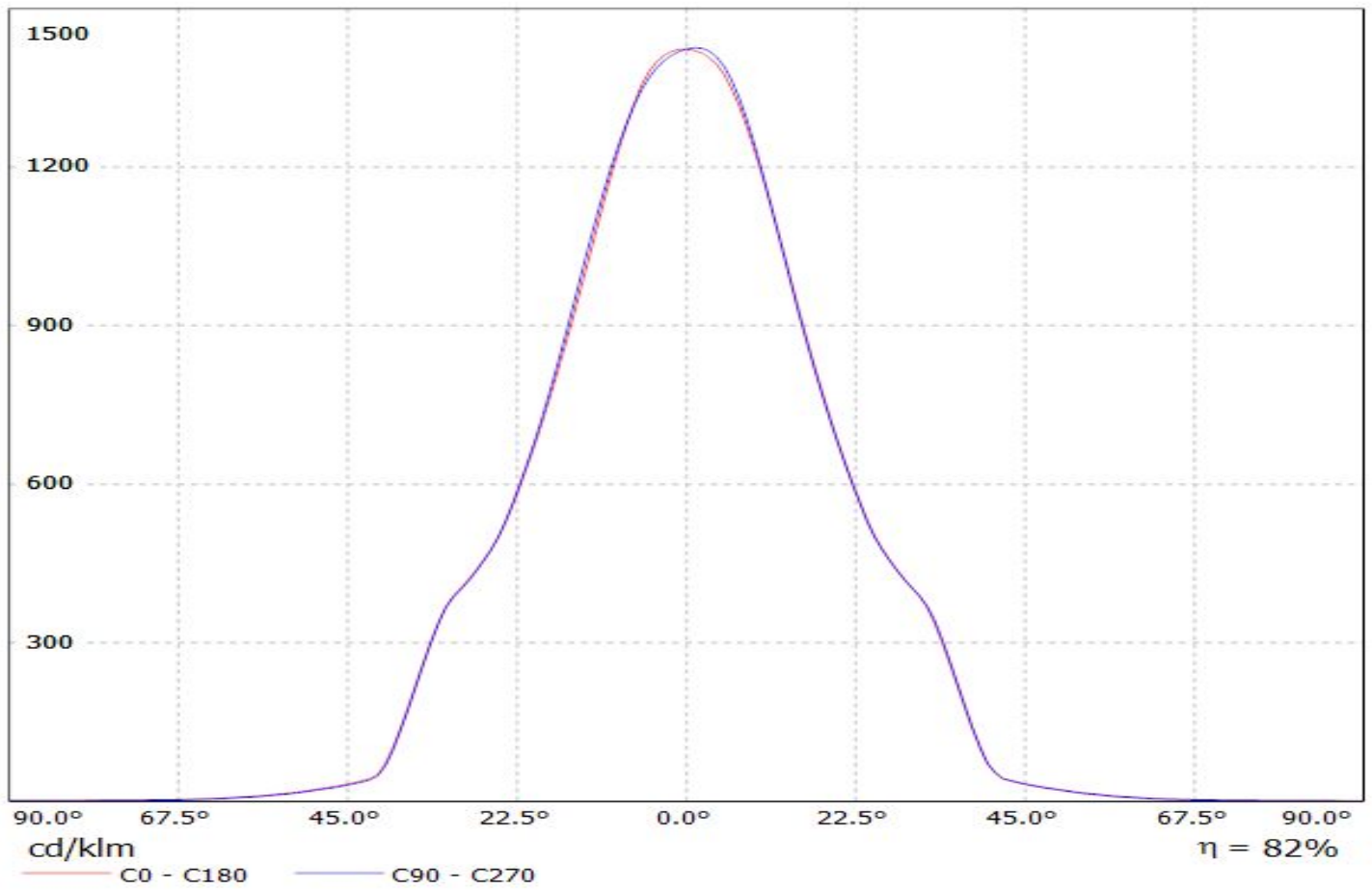
Luminaire: LEDiL Oy F13664_ANGELA-W-B_(ZC12)

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

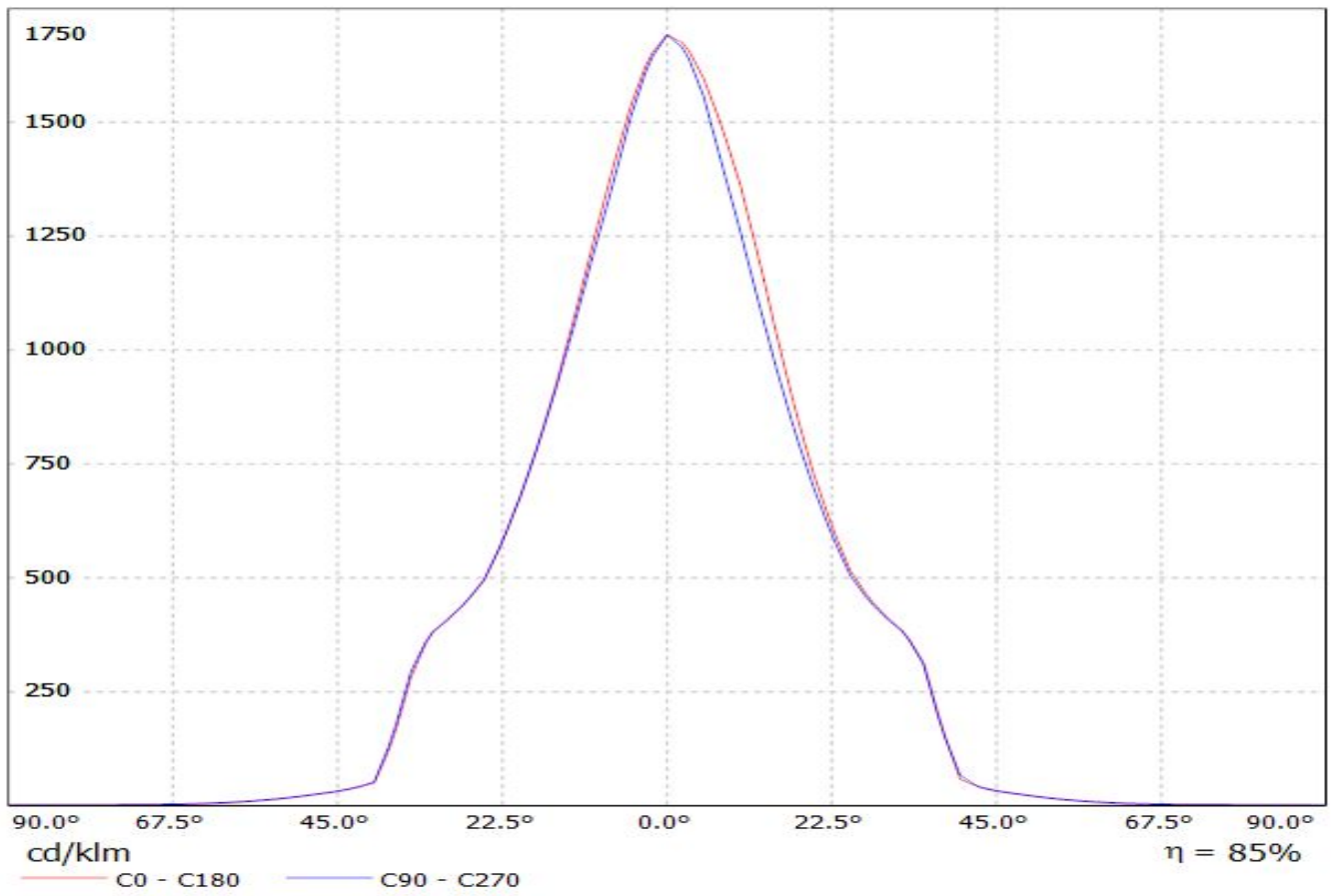


Luminaire: LEDiL Oy F13664_ANGELA-W-B_(ZC40)

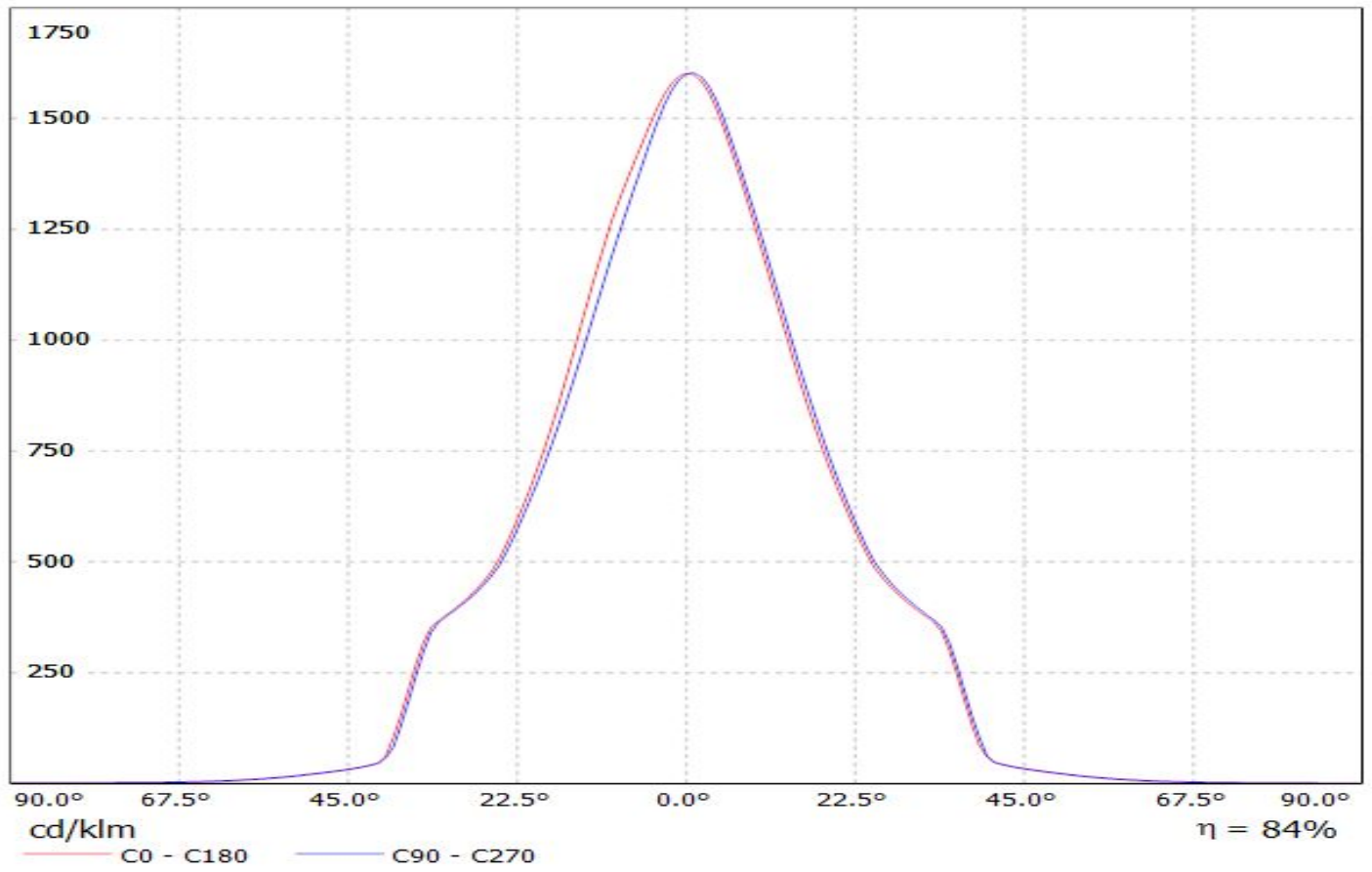
Lamps: 1 x SEOUL_ZC40_(SBWW5F1B)_1176.6lm@250mA_P=8.22171W_I=249.9mA



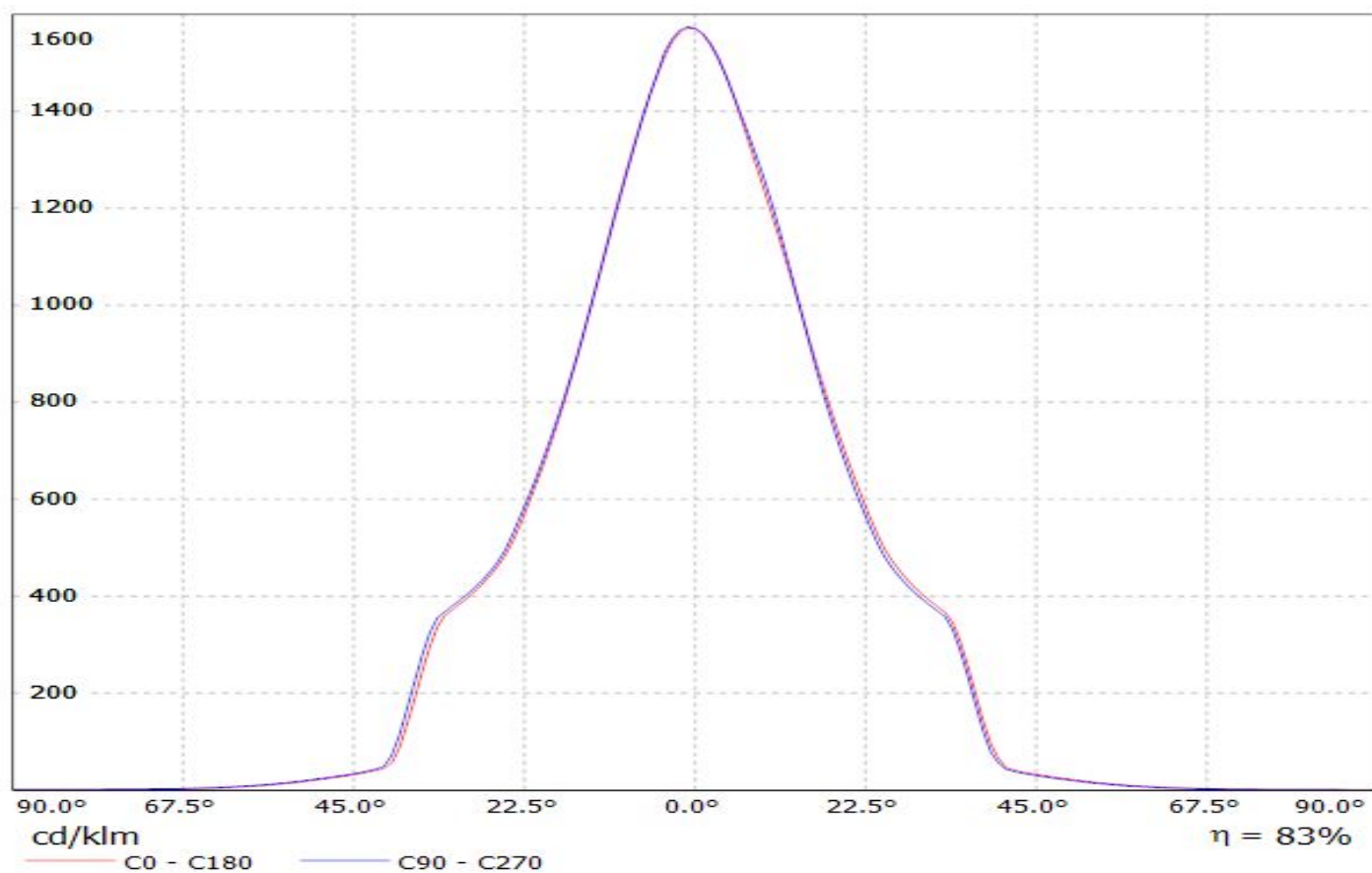
Luminaire: LEDiL Oy F13664_ANGELA-W-B_(MZ) Eff.85.1%
Lamps: 1 x Sharp_Mega_Zenigata_1226.07lm@250mA_P=11.1573W_I=249.8mA



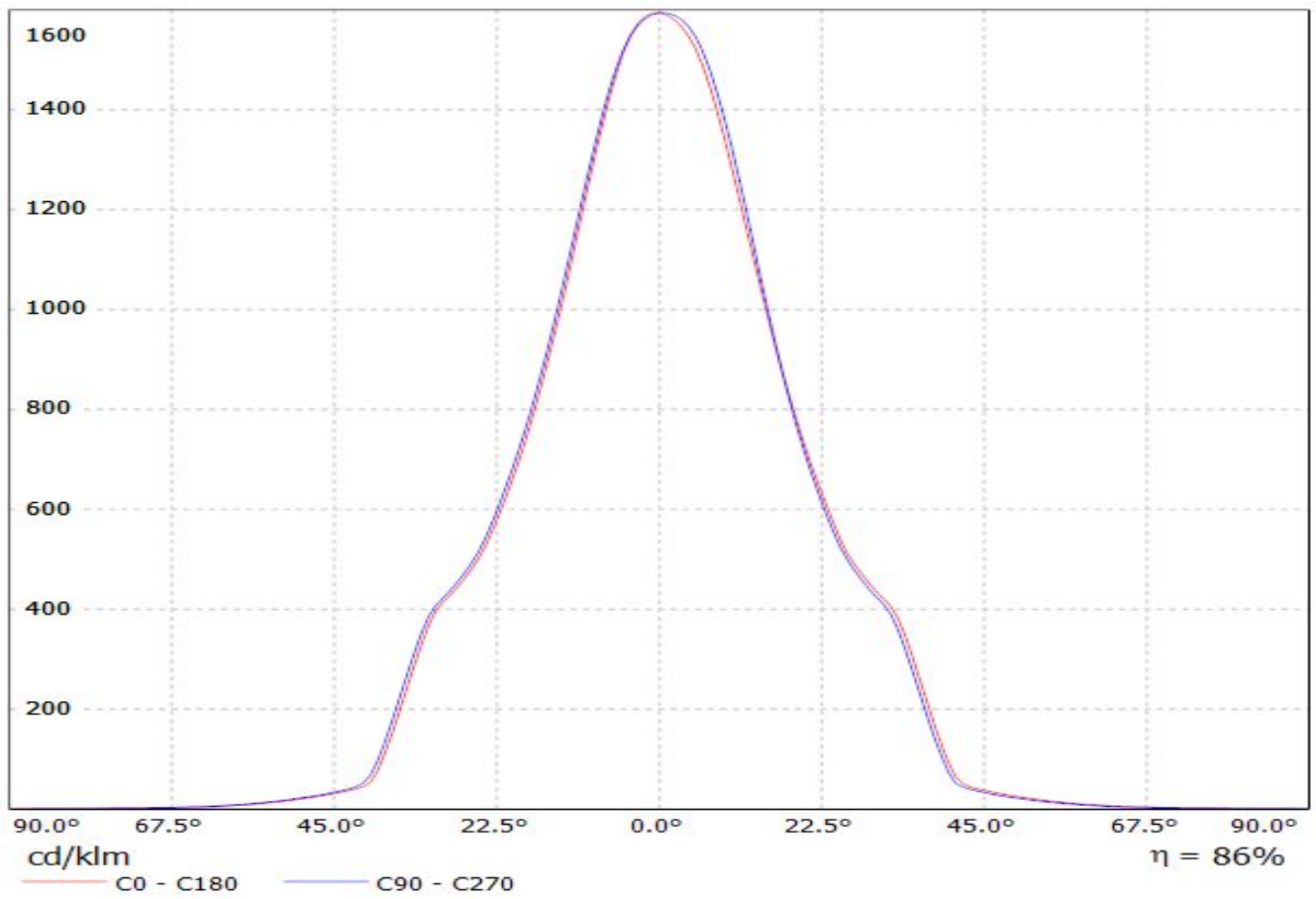
Luminaire: LEDiL Oy F13664_ANGELA-W-B_(MegaZenigata_GW6)
Lamps: 1 x Sharp_MegaZenigata_GW6_(GW6DME30NFC)
_1266.19lm@250mA_CCT=3038K_P=11.2151W_I=250.6mA



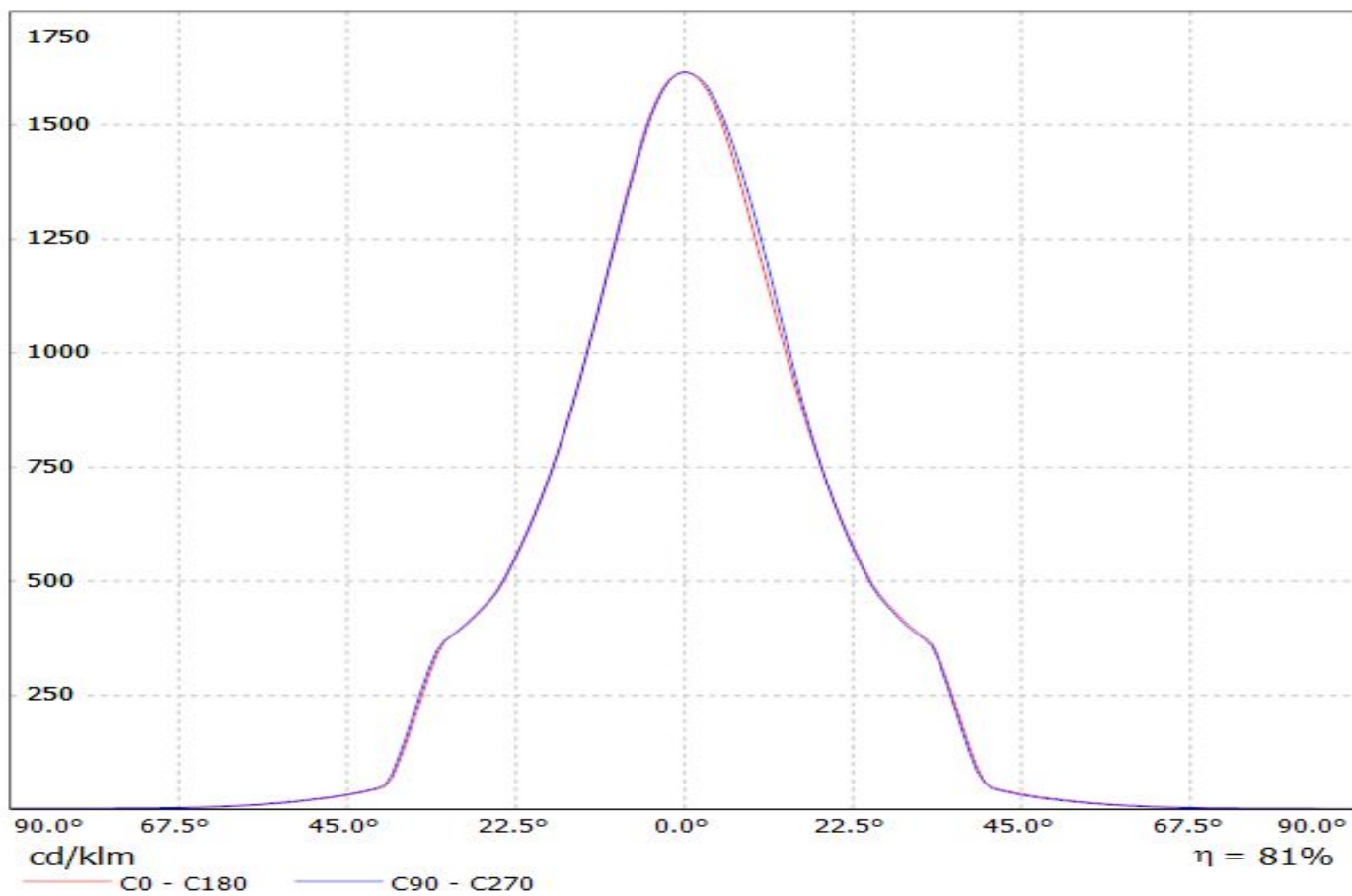
Luminaire: LEDiL Oy F13664_ANGELA-W-B (STARK_SLE_G3_LES17)
Lamps: 1 x TRIDONIC_STARK_SLE_G3_LES17 (STARK-SLE-PURE_G3-17-2000-840-CLA)
_1030.26lm@250mA_CCT=2000K_P=8.34707W_I=249.8mA



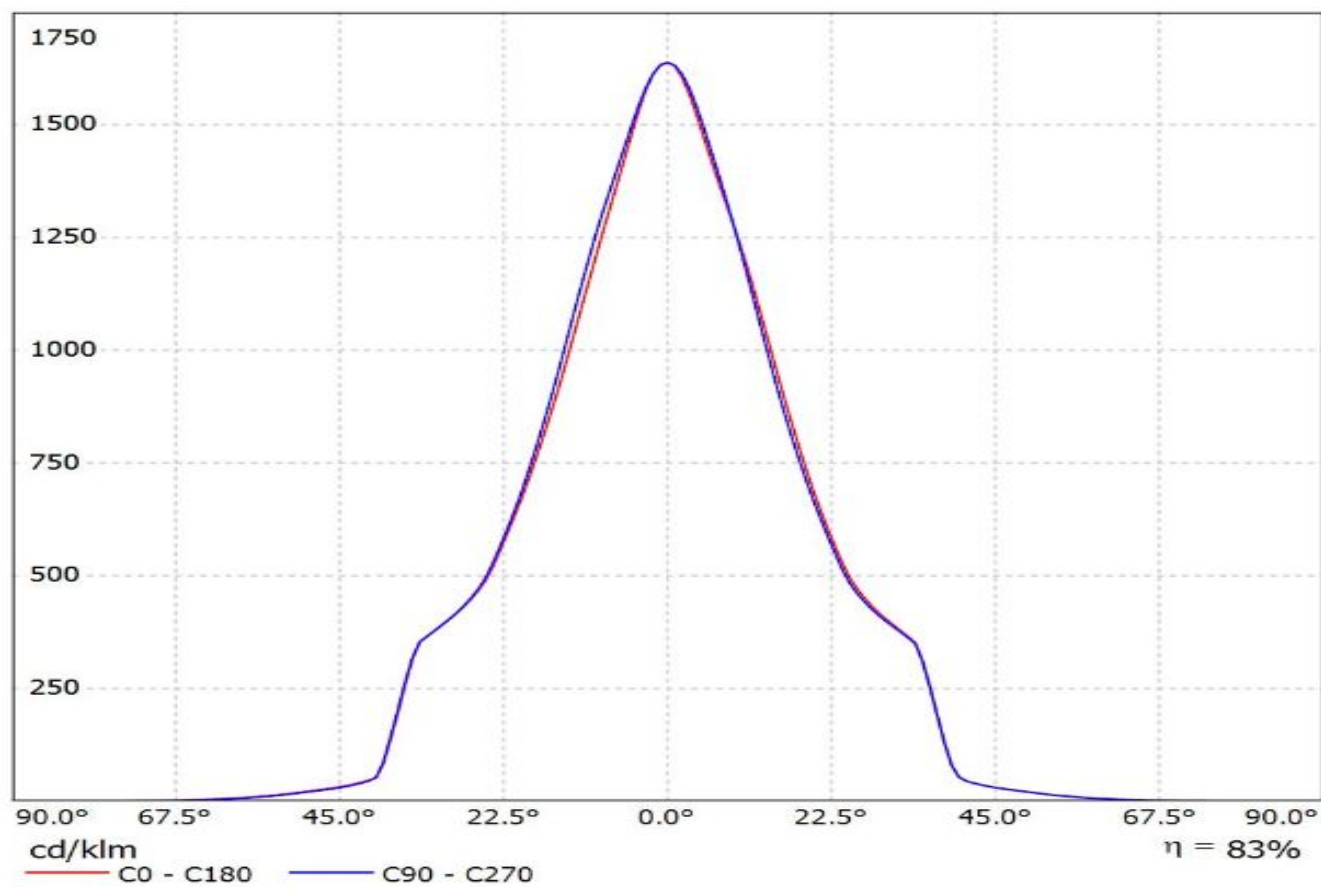
Luminaire: LEDiL Oy F13664_ANGELA-W-B (SLE_G4_LES23)
Lamps: 1 x Tridonic_SLE_G4_LES23_1354.57lm@250mA_P=8.18744W_I=0.2498A



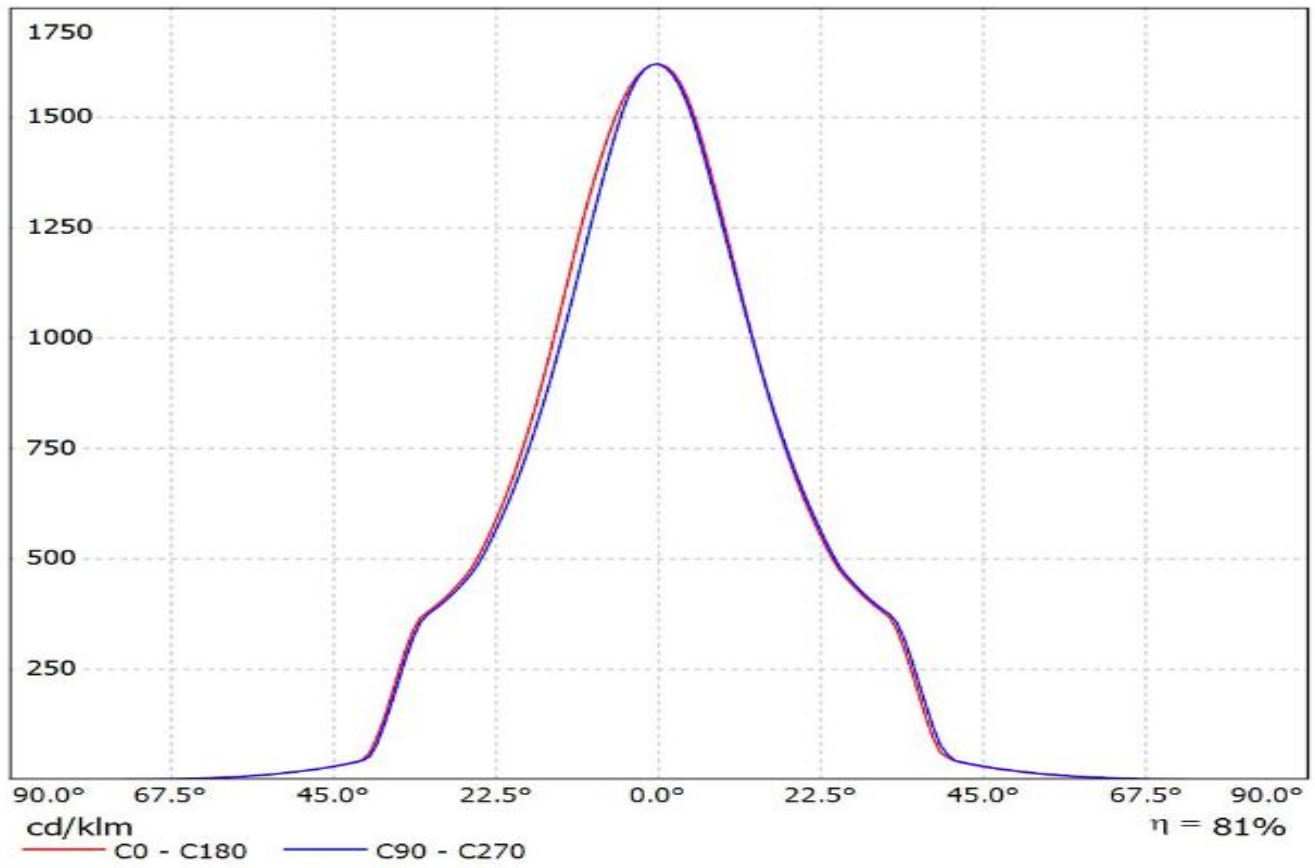
Luminaire: LEDiL Oy F13664_ANGELA-W-B_(SLE GEN4 LES19)
Lamps: 1 x SLE GEN4 LES19_1226.28lm@250mA_P=8.21367W_I=0.2498A



Luminaire: LEDiL Oy F13664_ANGELA-W-B_(SLE-G5_LES-15)
Lamps: 1 x Tridonic_SLE-G5_LES-15_1272.36lm@250mA_P=8.6660W_I=0.250A

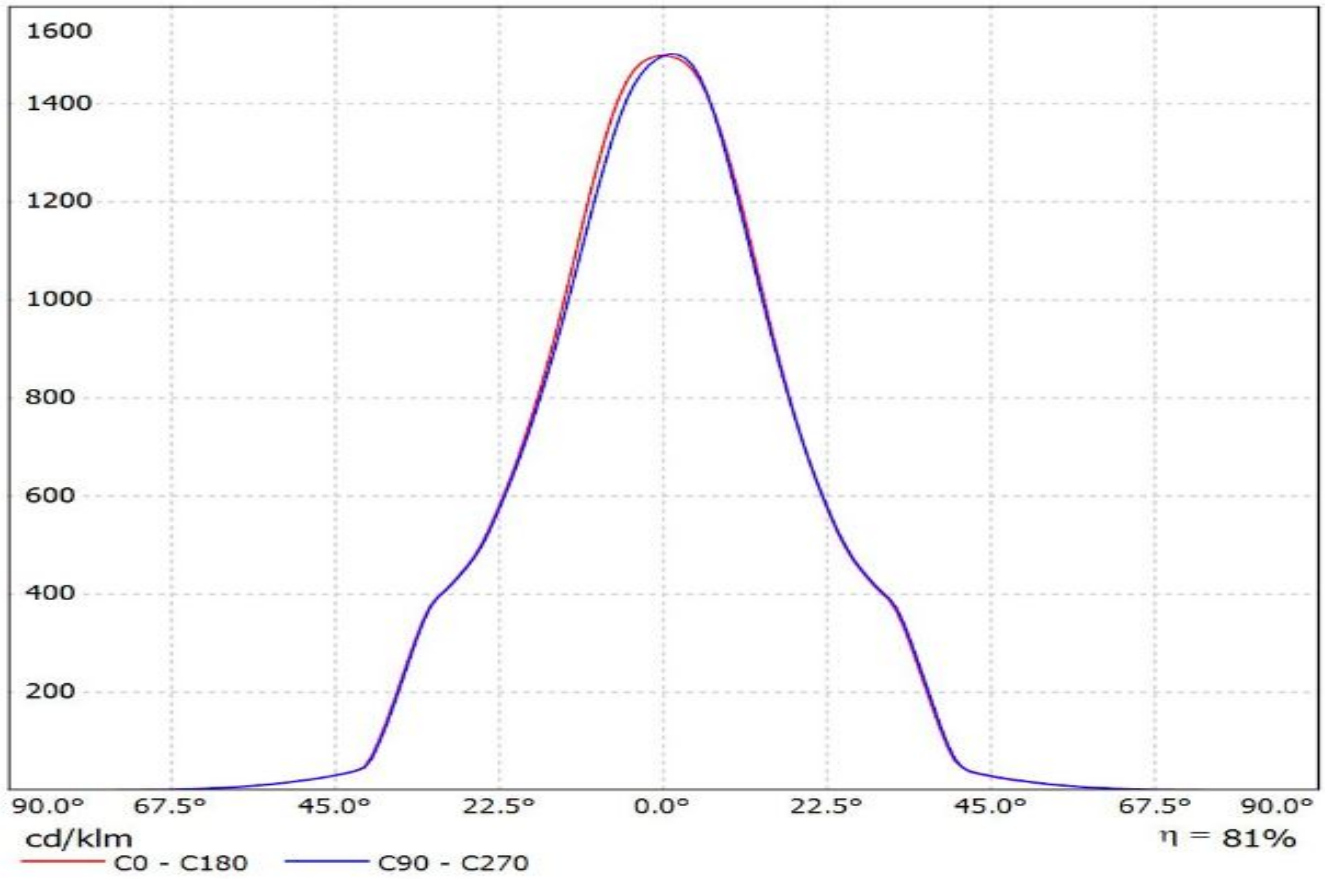


Luminaire: LEDiL Oy F13664_ANGELA-W-B_(SLE-G5_LES-19)
Lamps: 1 x Tridonic_SLE-G5_LES-19_1334.47lm@250mA_P=8.2224W_I=0.250A

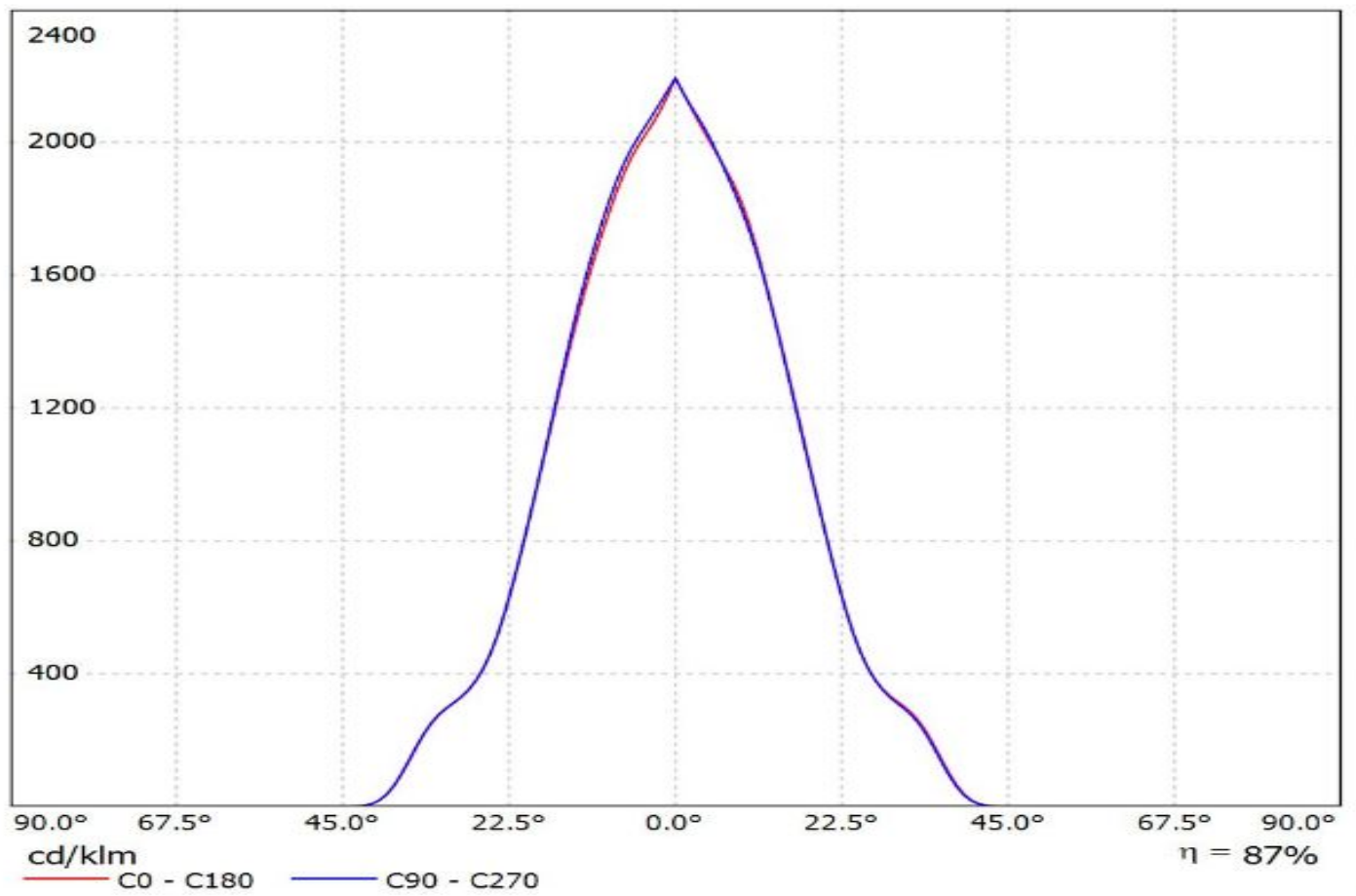


Luminaire: LEDiL Oy F13664_ANGELA-W-B_(SLE-G5_LES-23)

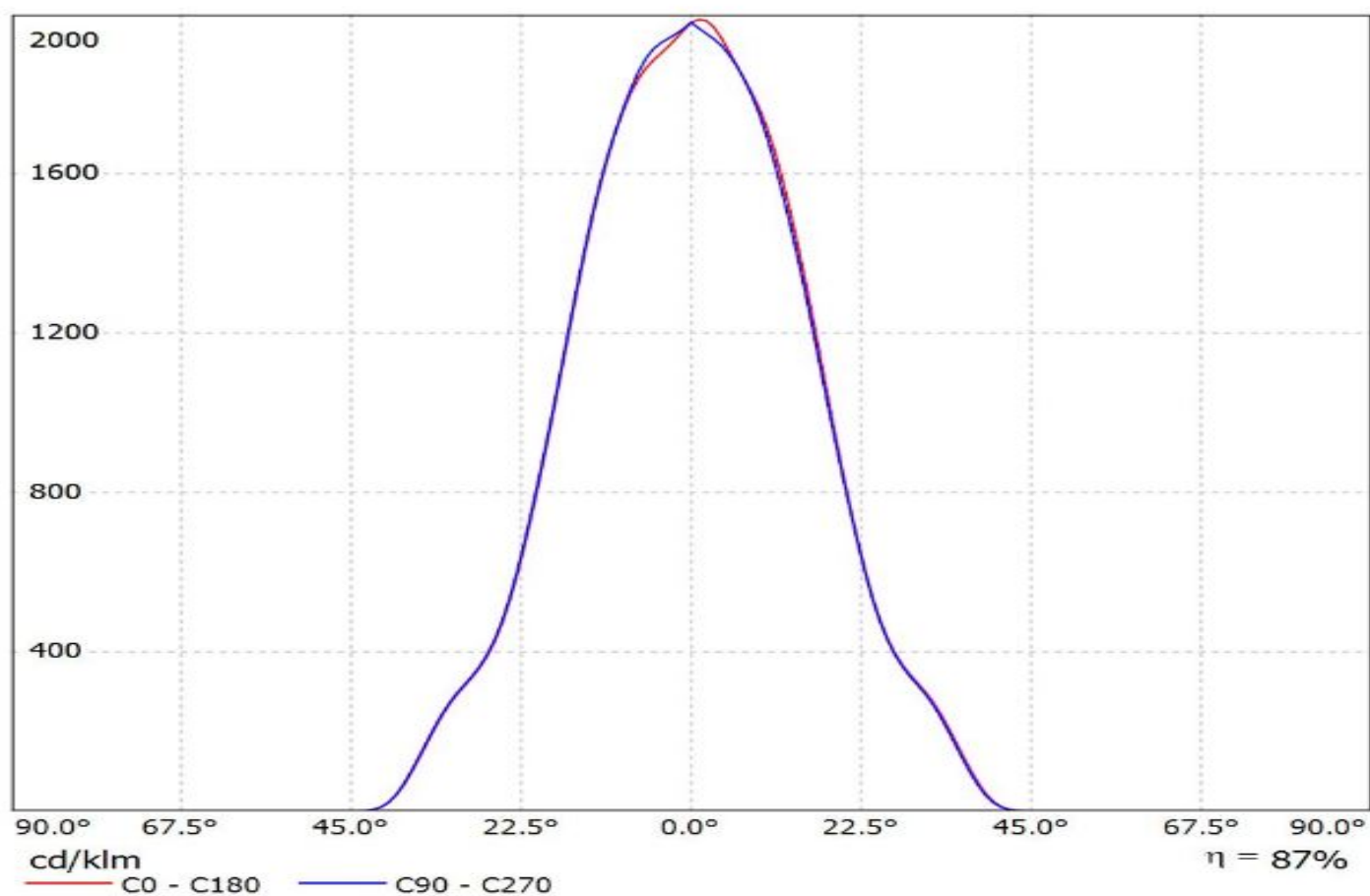
Lamps: 1 x Tridonic_SLE-G5_LES-23_1371.74lm@250mA_P=8.1065W_I=0.250A



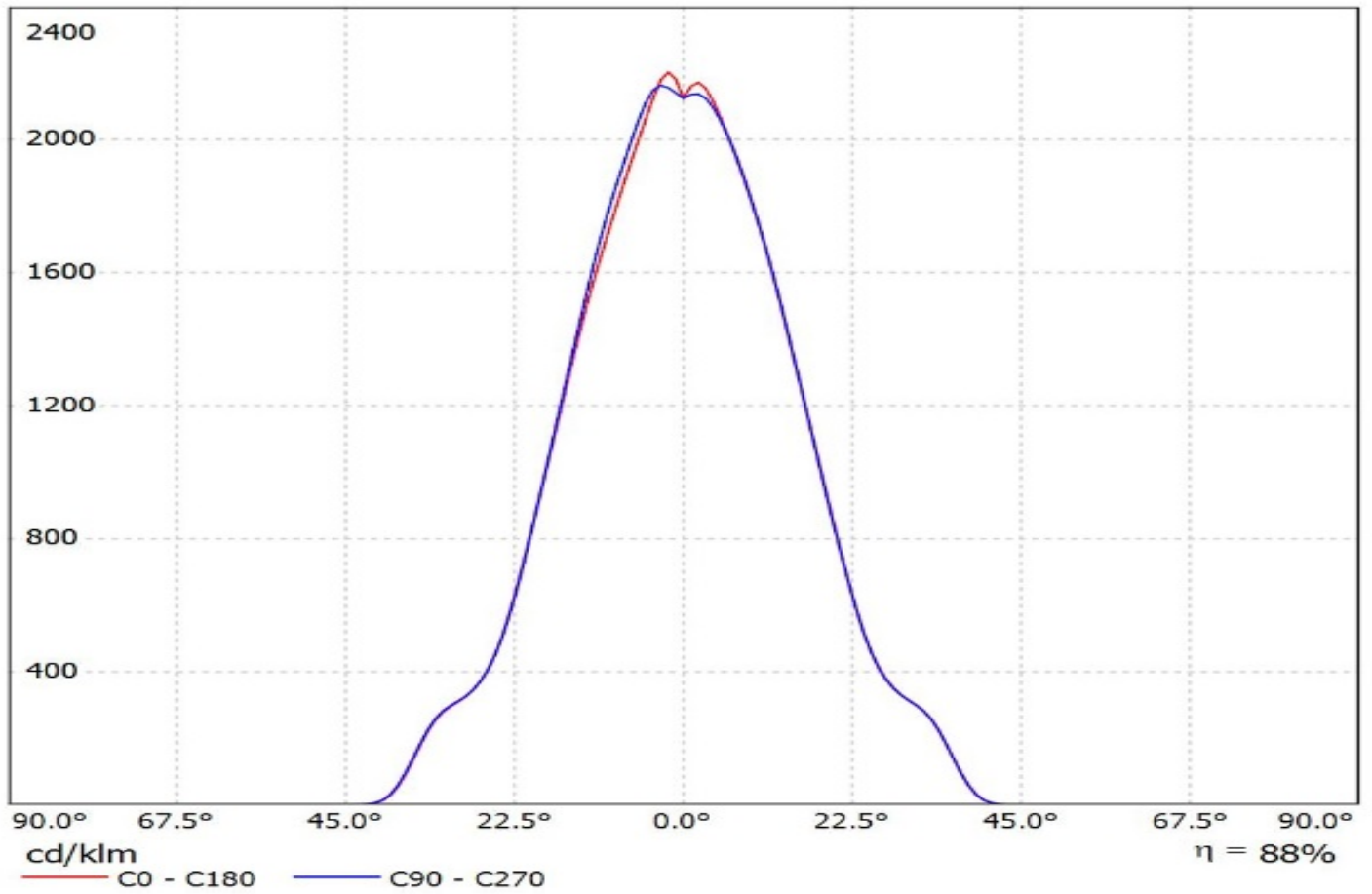
Luminaire: Ledil Oy F13664_ANGELA-W-B_TRIDONIC_SLE_G6_LES19_H_SIMULATED
Lamps: 1 x TRIDONIC SLE G6 LES19 H



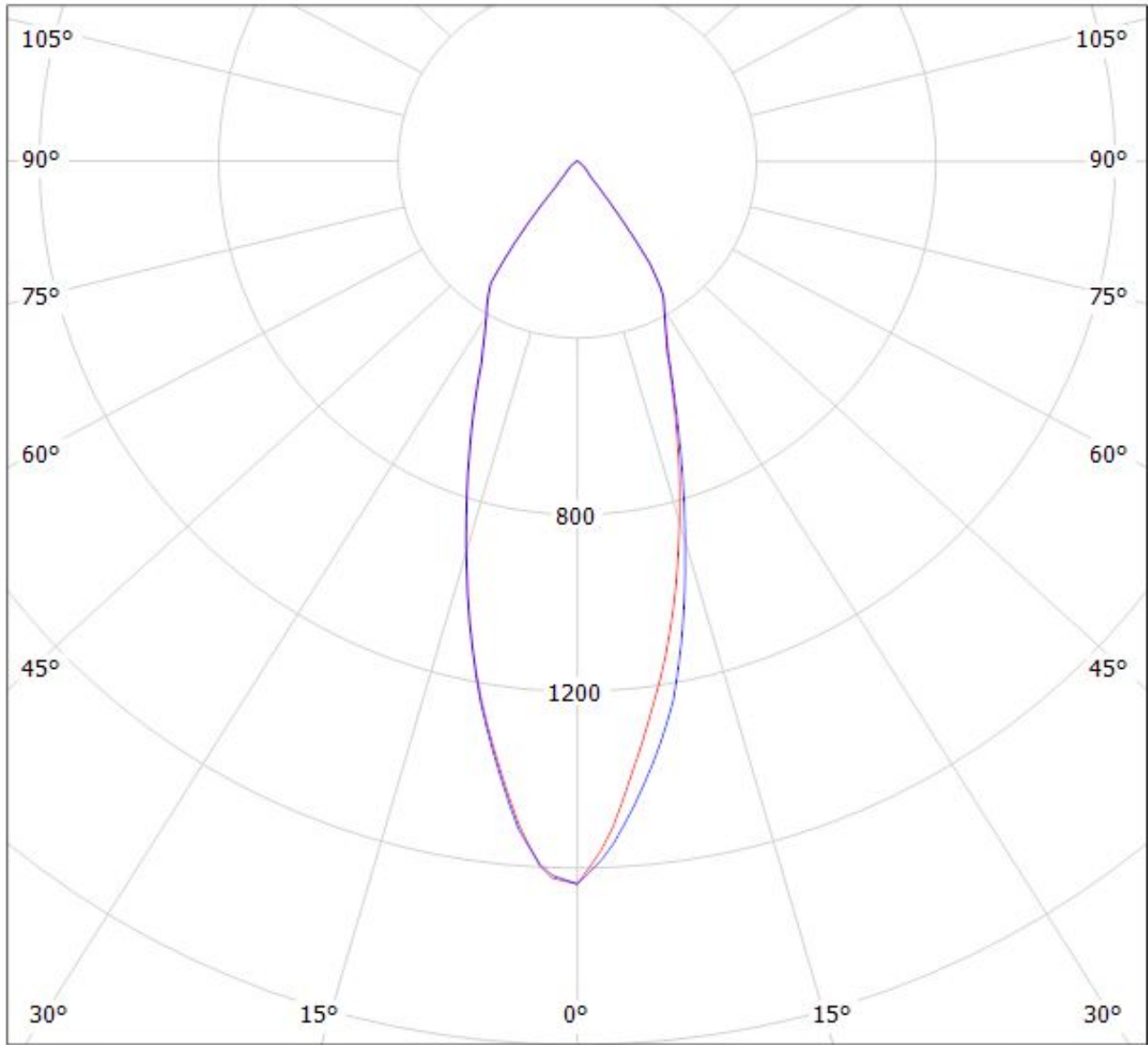
Luminaire: Ledil Oy F13664_ANGELA-W-B_TRIDONIC_SLE_G6_LES23_H_SIMULATED
Lamps: 1 x TRIDONIC SLE G6 LES23 H



Luminaire: Ledil Oy F13664_ANGELA-W-B_(SLE_G6_LES17_H)_SIMULATED
Lamps: 1 x Tridonic SLE G6 LES17 H



Luminaire: LEDiL Oy F13664_ANGELA-W-B_(BXRA_ES) Eff.83.2%
Lamps: 1 x Bridgelux_BXRA_ES_287.055lm@250mA_P=4.09486W_I=249.9mA



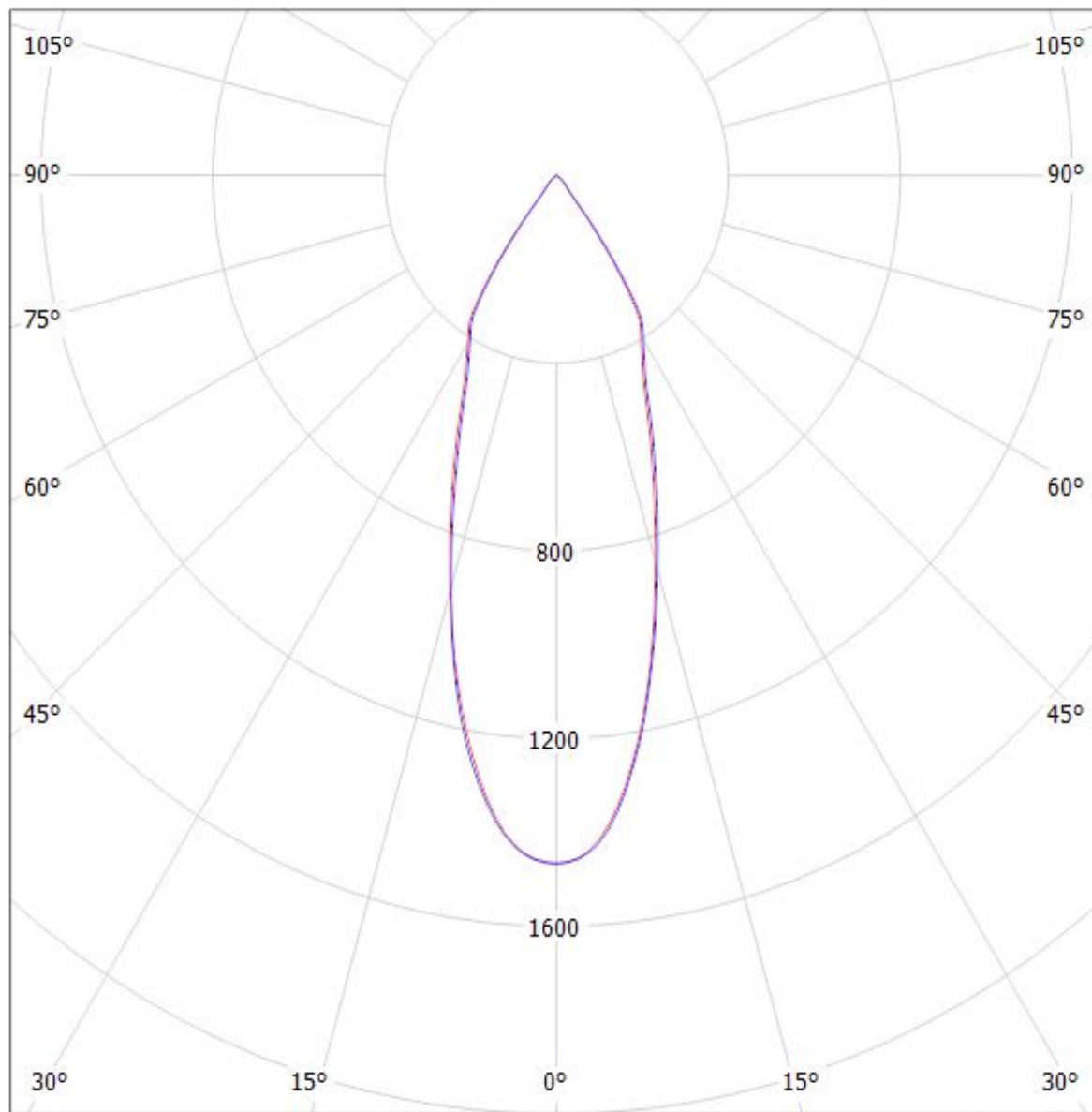
cd/klm

— C0 - C180 — C90 - C270

$\eta = 83\%$

Luminaire: LEDiL Oy F13664_ANGELA-W-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

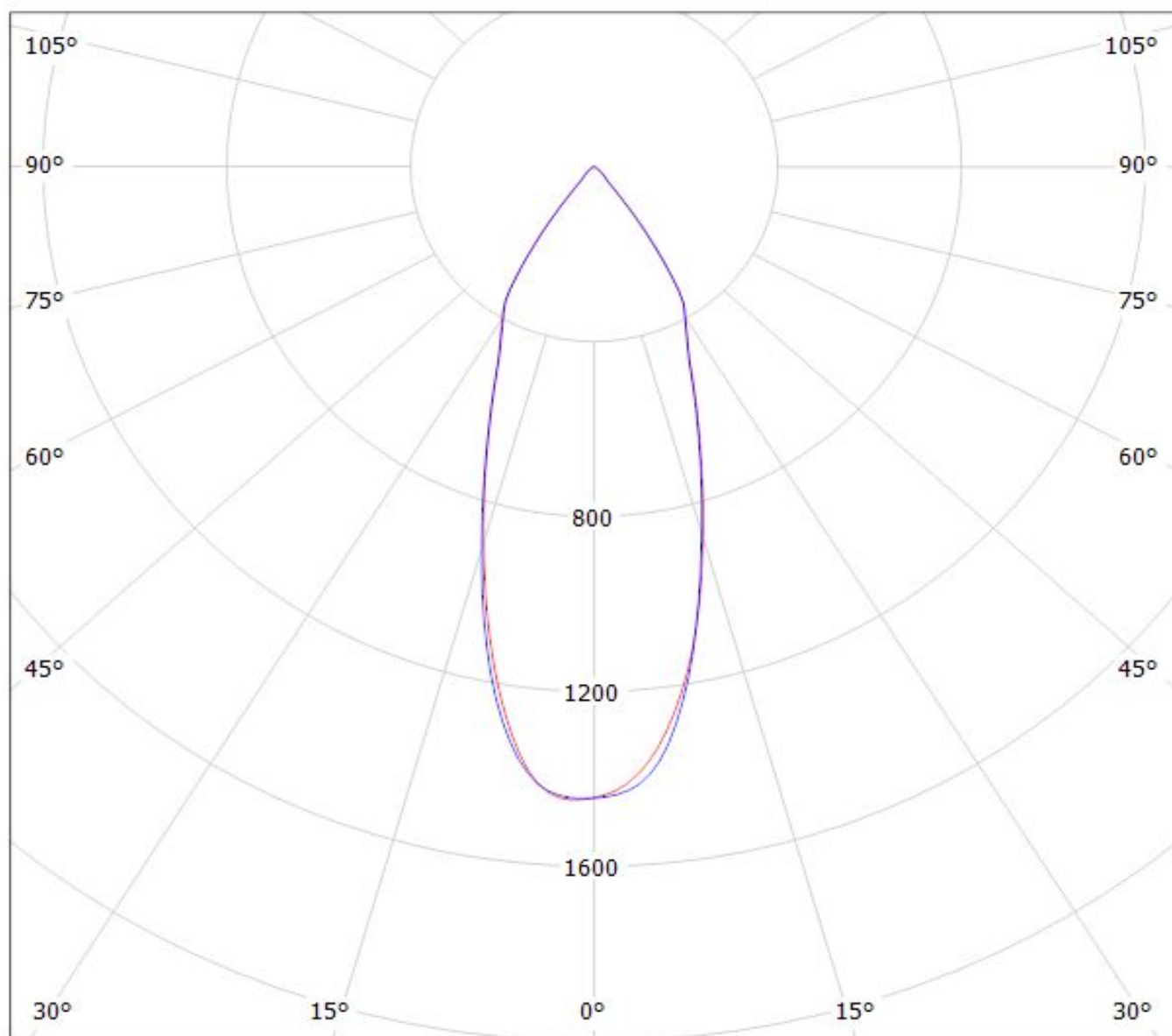


cd/klm

$\eta = 82\%$

— C0 - C180 — C90 - C270

Luminaire: LEDiL Oy F13664_ANGELA-W-B_(CLL040) Eff.81.8%
Lamps: 1 x Citizen_CLL040_1011.32lm@250mA_P=8.24545W_I=249.9mA

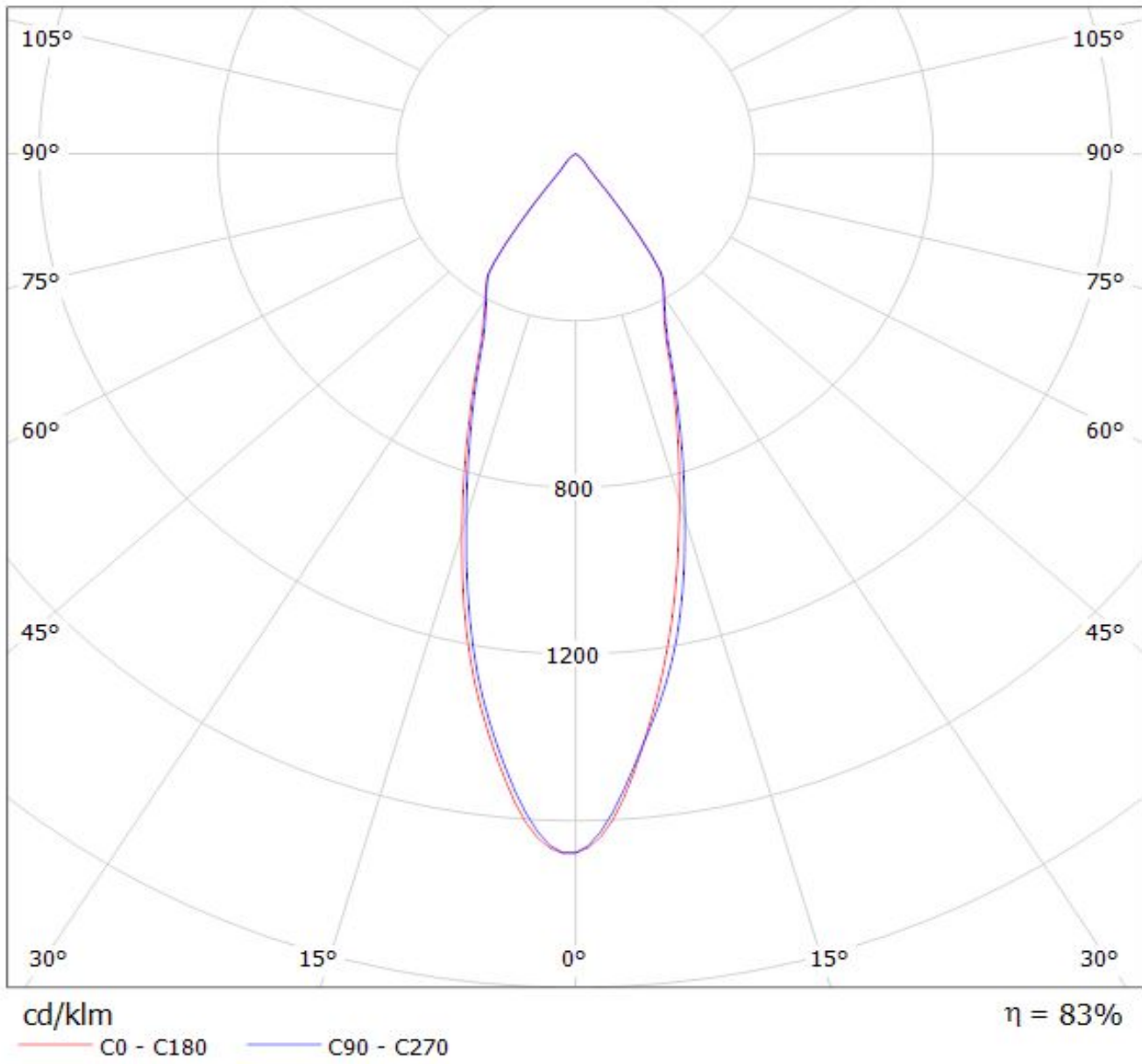


cd/klm

— C0 - C180 — C90 - C270

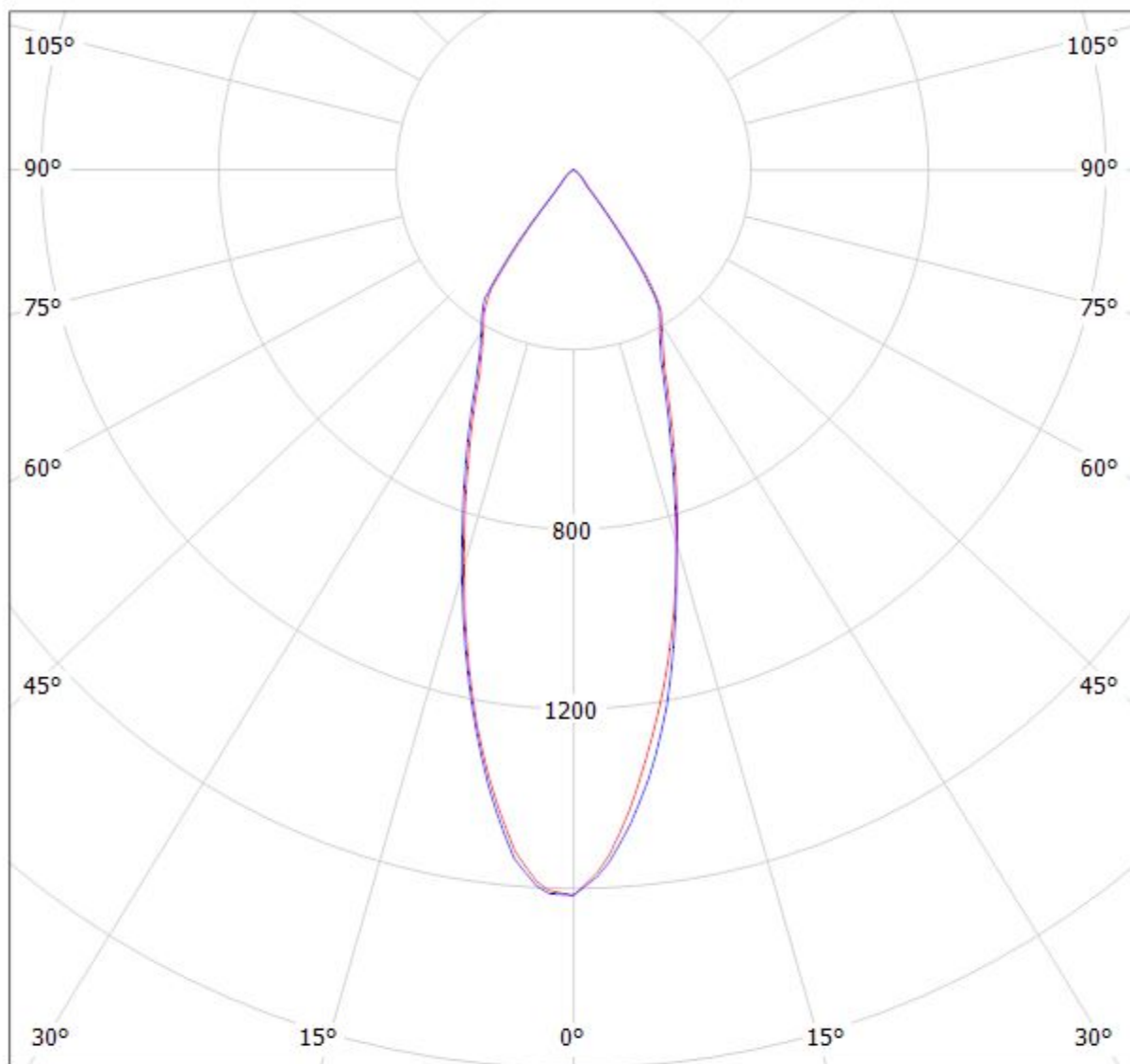
$\eta = 82\%$

Luminaire: LEDiL Oy F13664_ANGELA-W-B_(CLL030) Eff.83.4%
Lamps: 1 x Citizen_CLL030_1040.57lm@250mA_P=8.45923W_I=249.8mA



Luminaire: LEDiL Oy F13664_ANGELA-W-B_(CLU034)

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



cd/klm

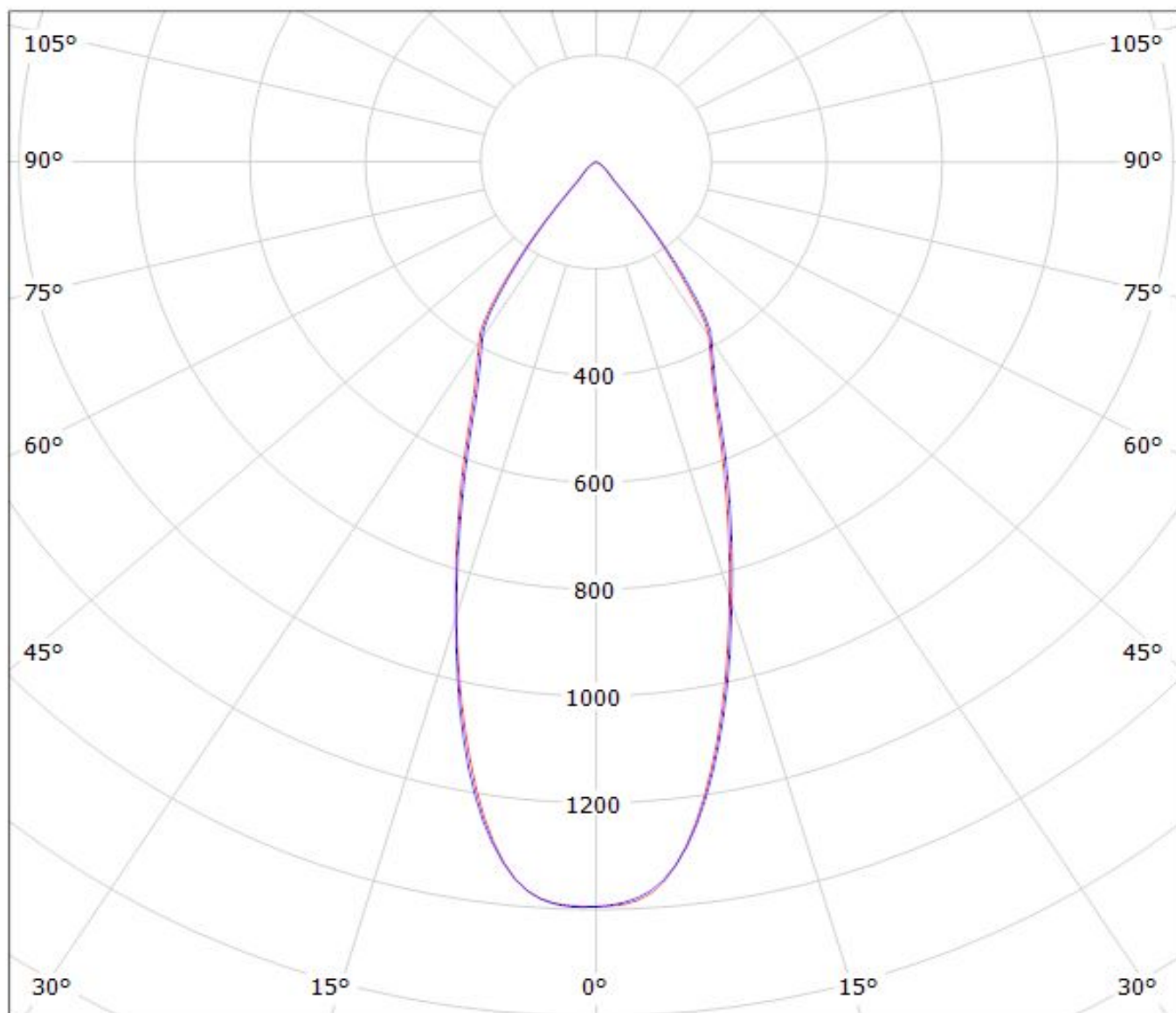
— C0 - C180

— C90 - C270

$\eta = 83\%$

Luminaire: LEDiL Oy F13664_ANGELA-W-B_(CLU044)

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



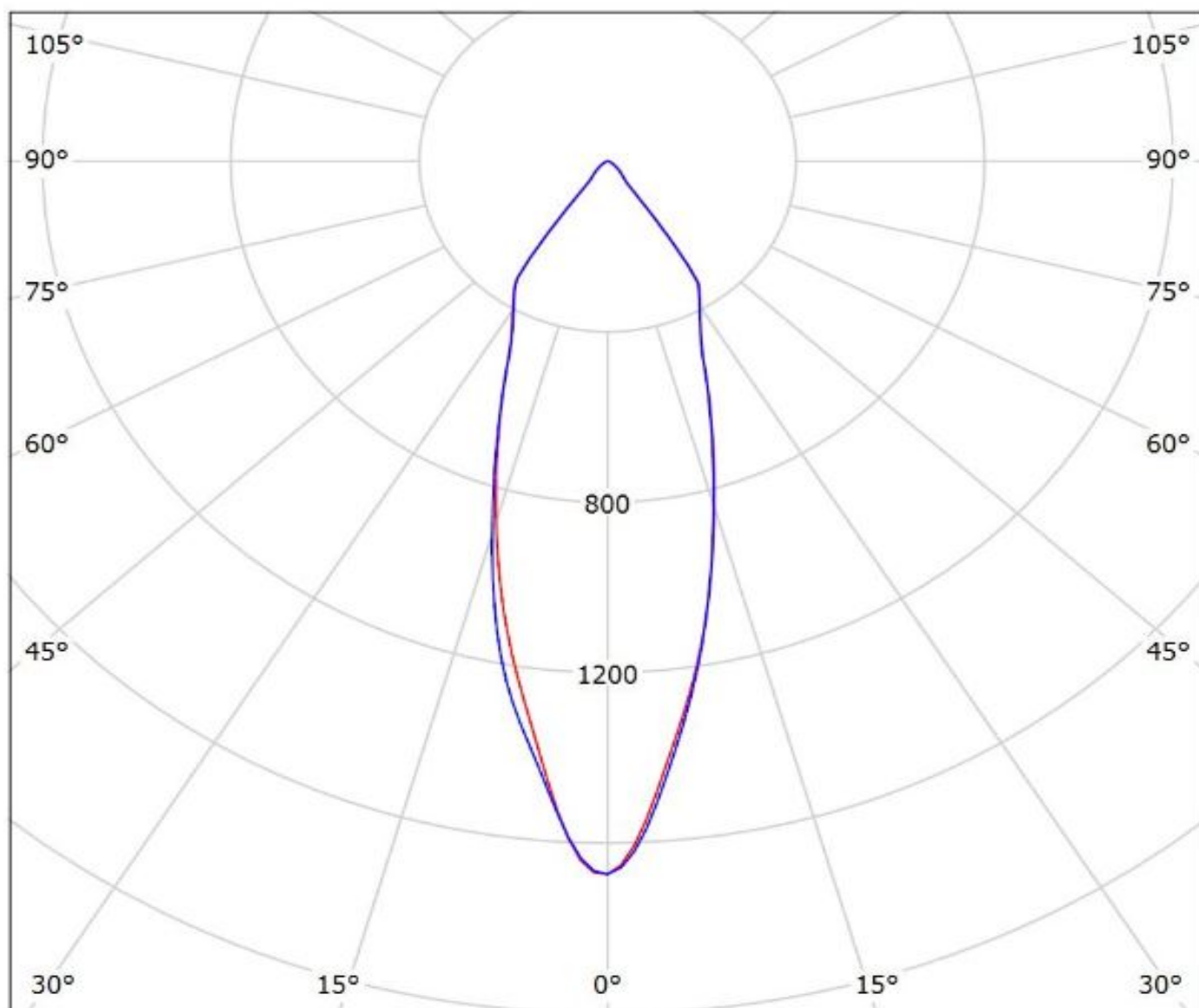
cd/klm

— C0 - C180

— C90 - C270

$\eta = 82\%$

Luminaire: Ledil F13664_ANGELA-W-B_(CITIZEN_CLU720)
Lamps: 1 x CITIZEN_CLU720_(CLU720-1206B8-273M2)
_1320.42lm@250mA_CCT=2700K_P=8.35W_I=0.25A

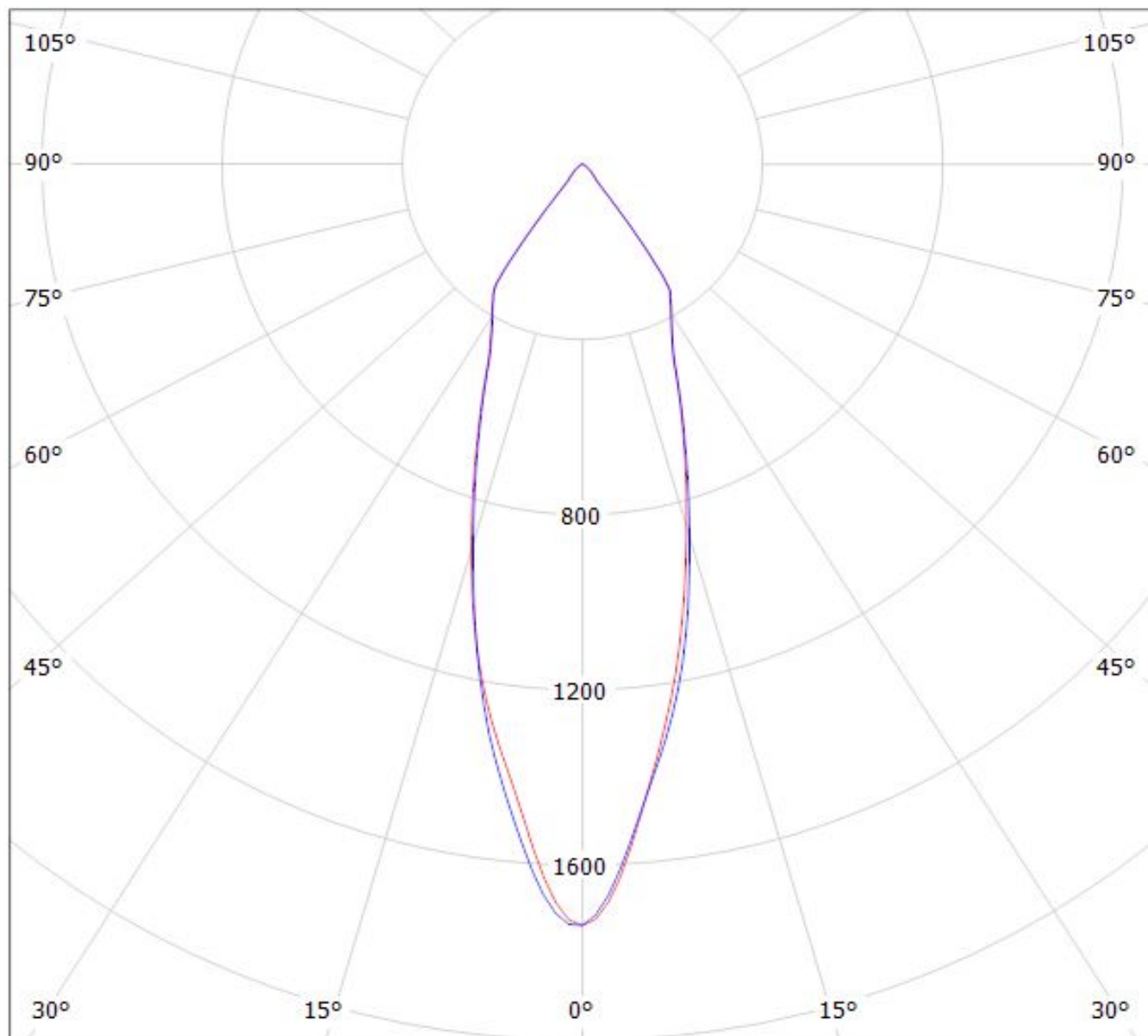


cd/klm
— C0 - C180 — C90 - C270

$\eta = 84\%$

Luminaire: LEDiL Oy F13664_ANGELA-W-B_(CITIZEN_CLU720)

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



cd/klm

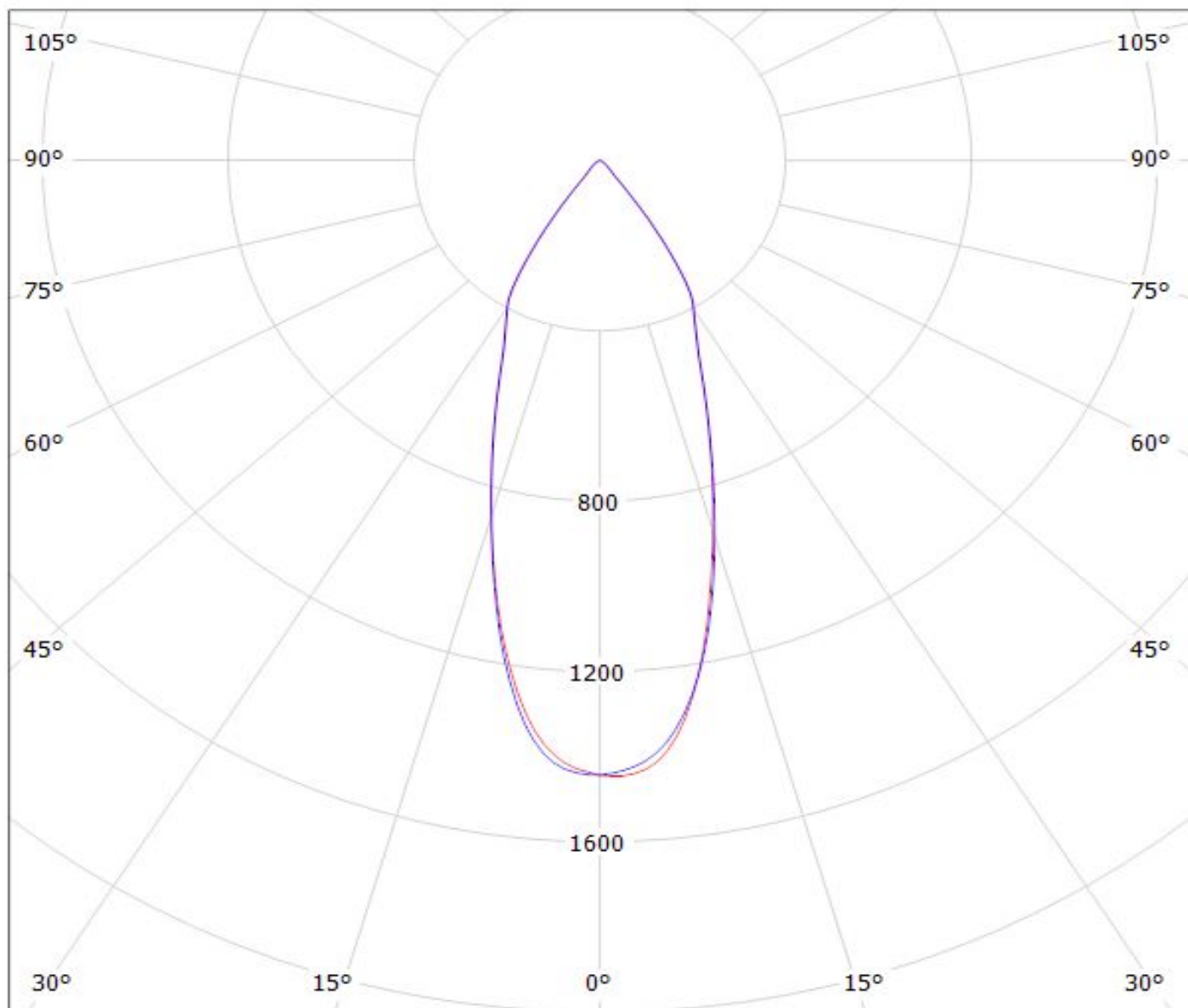
— C0 - C180

— C90 - C270

$\eta = 83\%$

Luminaire: LEDiL Oy F13664_ANGELA-W-B_(CXA30)

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



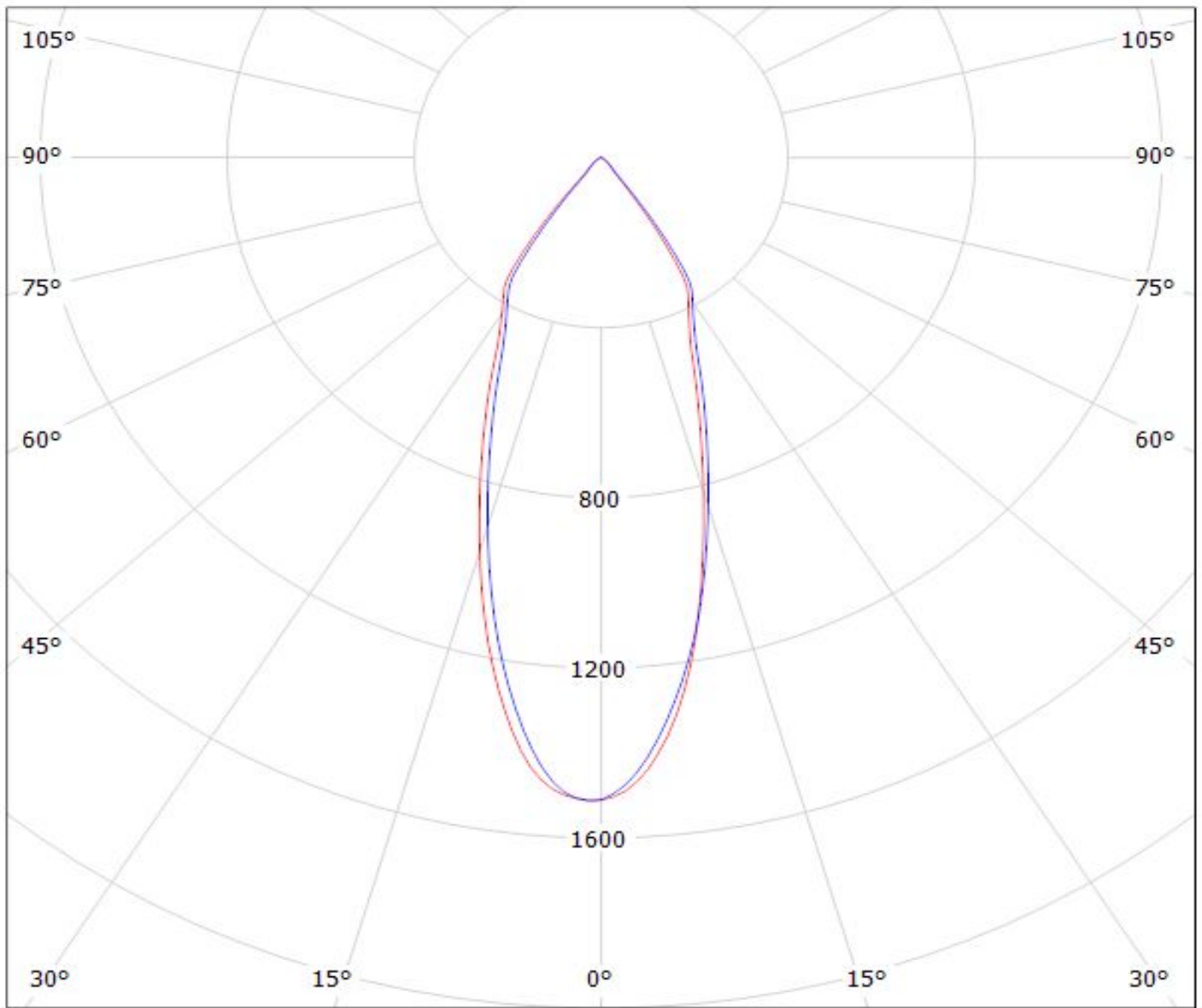
cd/klm

— C0 - C180

— C90 - C270

$\eta = 81\%$

Luminaire: LEDiL Oy F13664_ANGELA-W-B_(CXA2590)
Lamps: 1 x CREE_CXA2590_(CXA2590-30F-Z4-RPH-00001)
_837.275lm@100mA_CCT=3000K_P=6.36316W_I=100.1mA

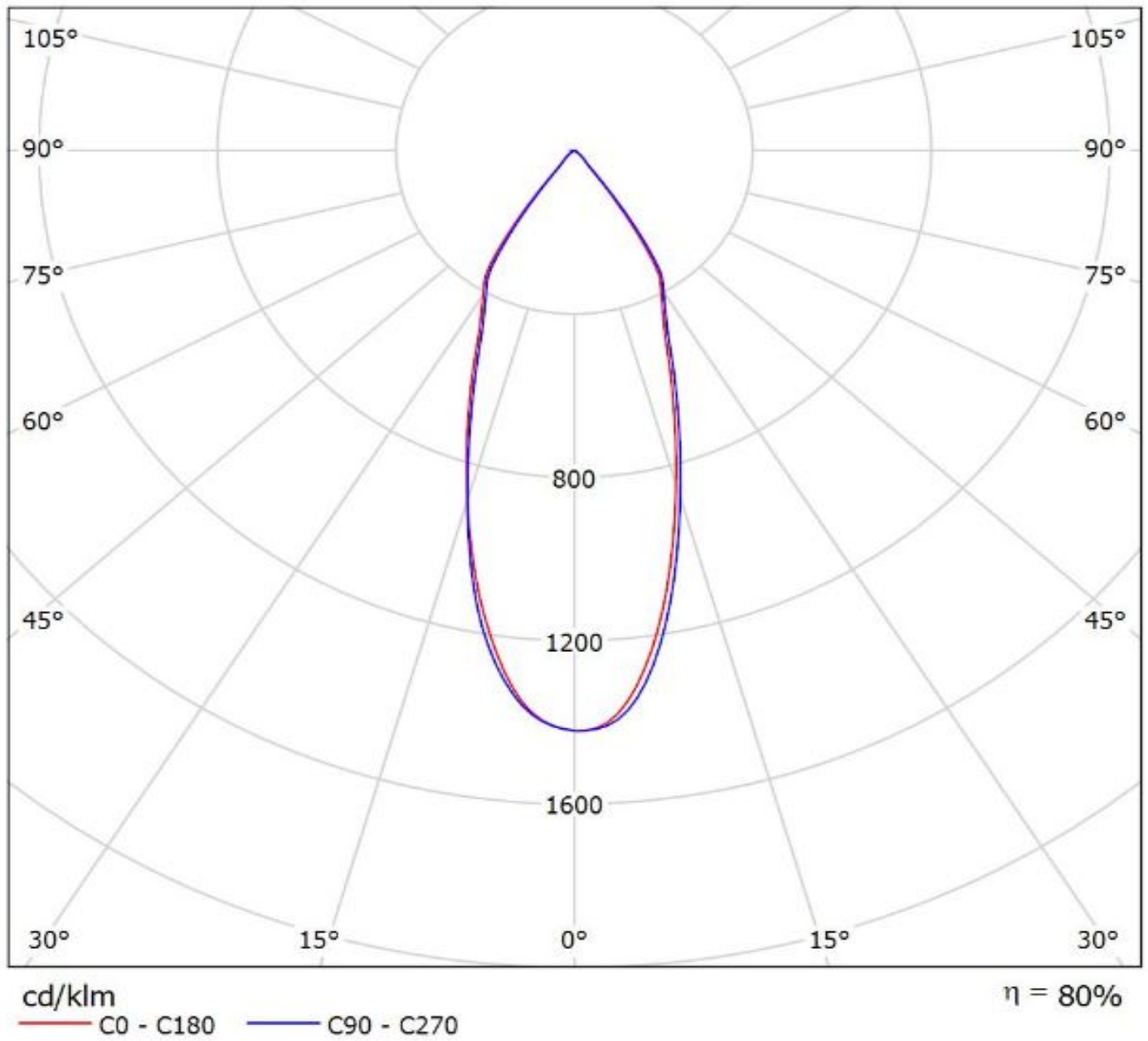


cd/klm

$\eta = 82\%$

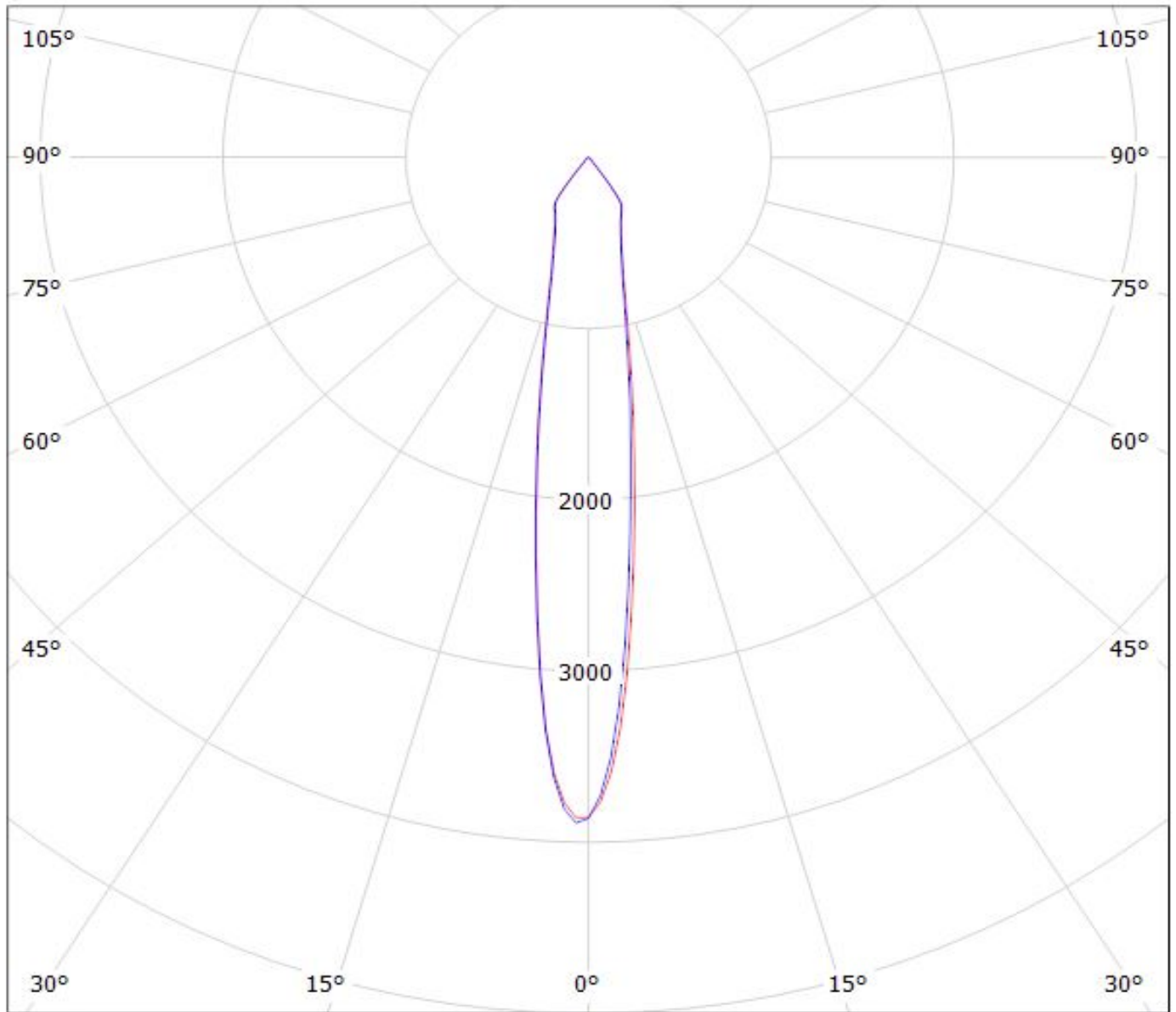
— C0 - C180 — C90 - C270

Luminaire: Ledil F13664_ANGELA-W-B_(CXB2540+_BJB_47.319.2140)
Lamps: 1 x CREE_CXB2540_(-40G-W4-N0H-00002)
+_BJB_47.319.2140_1412.99lm@250mA_CCT=40000K_P=8.1310W_I=0.25A



Luminaire: LEDiL 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



cd/klm

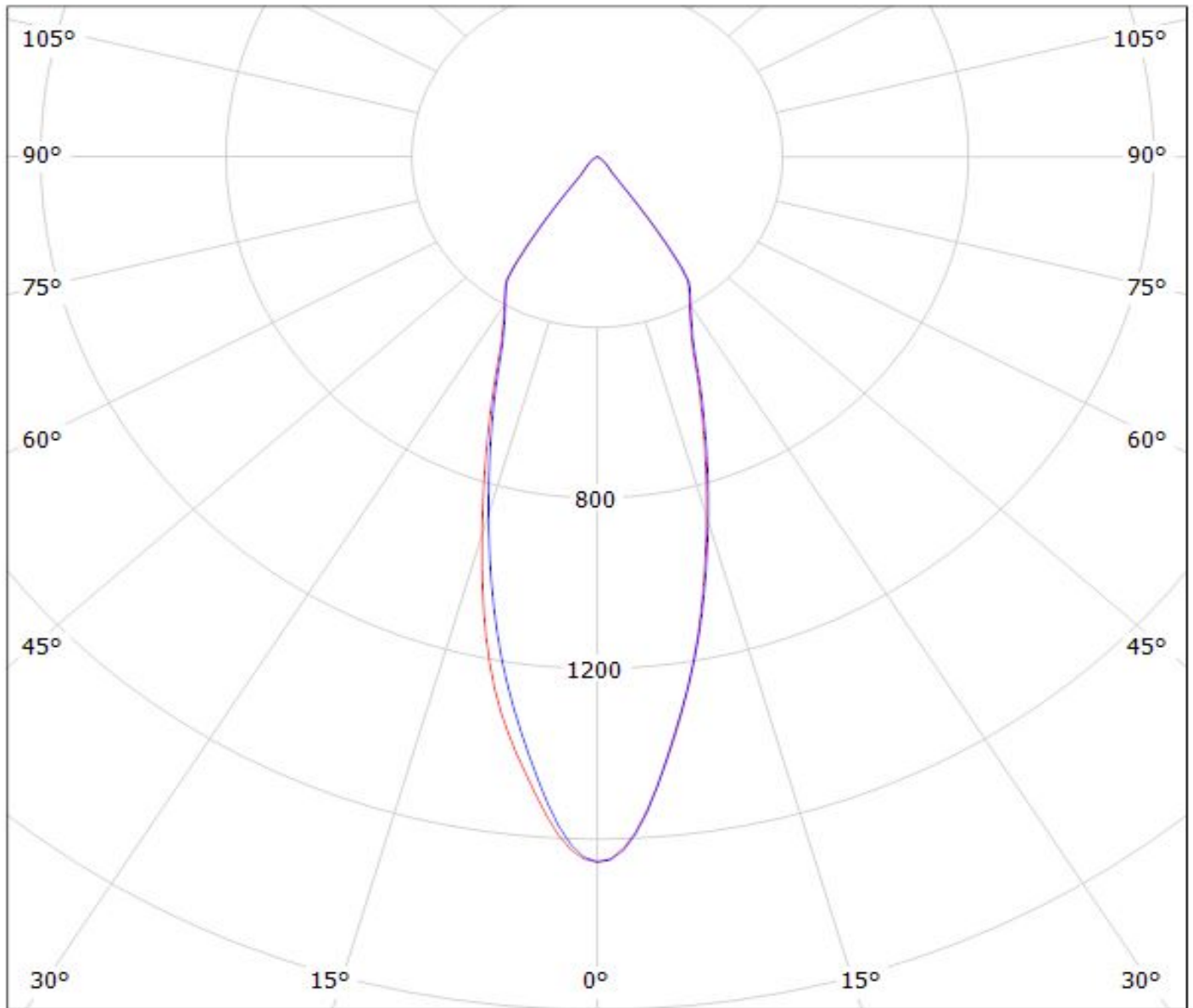
— C0 - C180

— C90 - C270

$\eta = 83\%$

Luminaire: LEDiL Oy F13664_ANGELA-W-B_(LG_COB_10W)

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



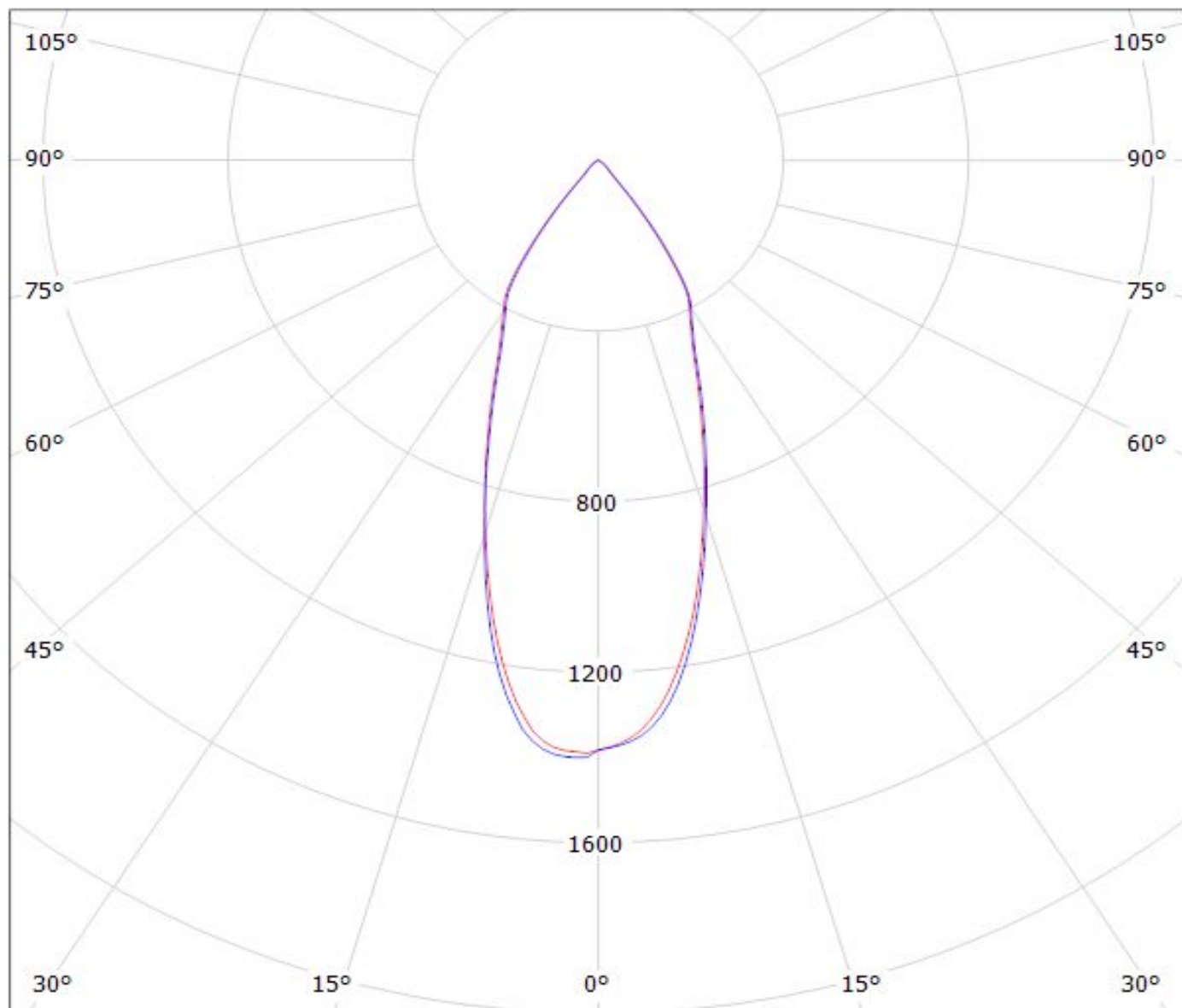
cd/klm

— C0 - C180 — C90 - C270

$\eta = 83\%$

Luminaire: LEDiL Oy F13664_ANGELA-W-B_(COB_40W)

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



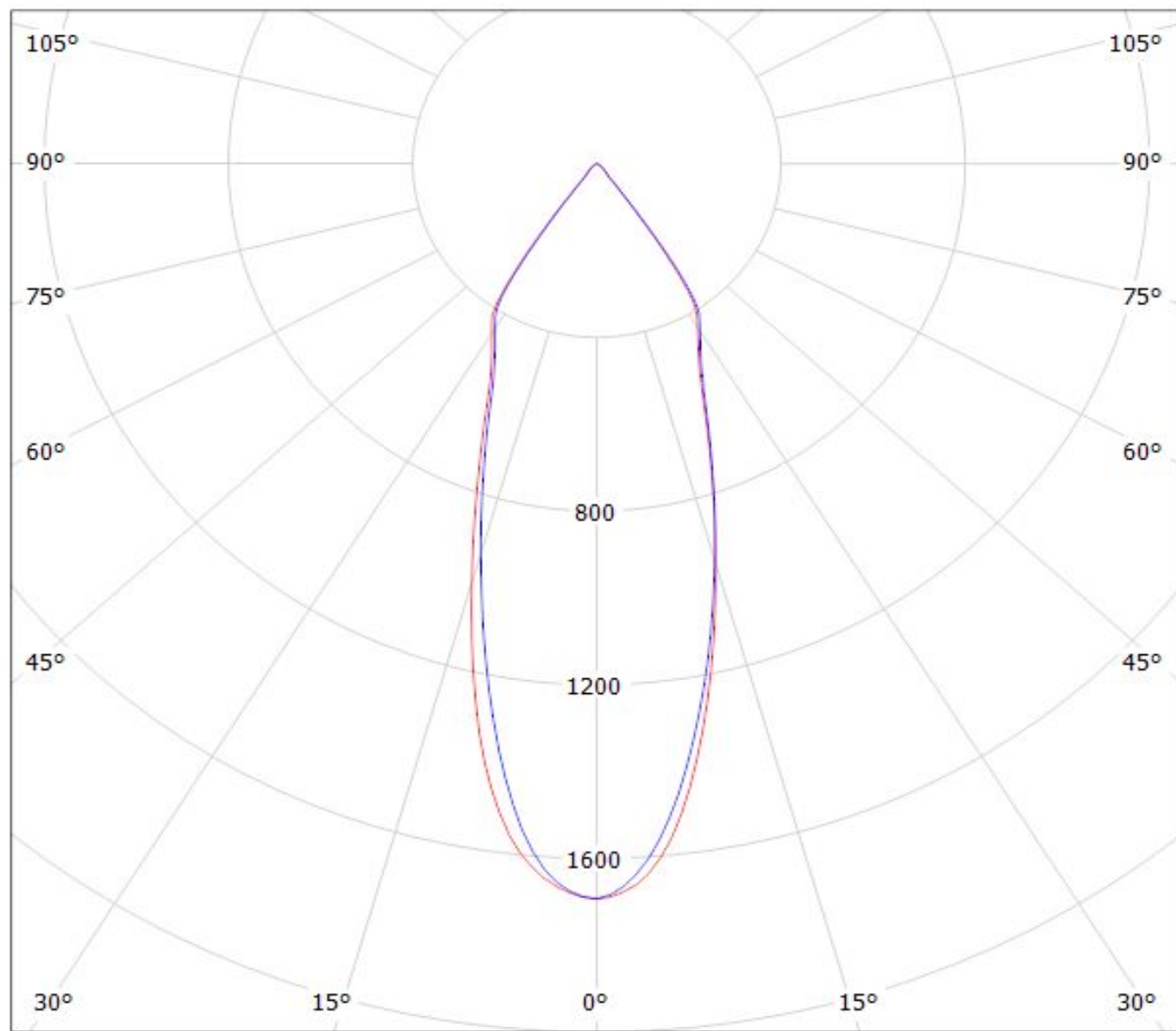
cd/klm

— C0 - C180

— C90 - C270

$\eta = 81\%$

Luminaire: LEDiL Oy F13664_ANGELA-W-B_(K16) Eff.88.4%
Lamps: 1 x Luxeon_K16_1224.2lm@250mA_P=10.8991W_U=249.9mA



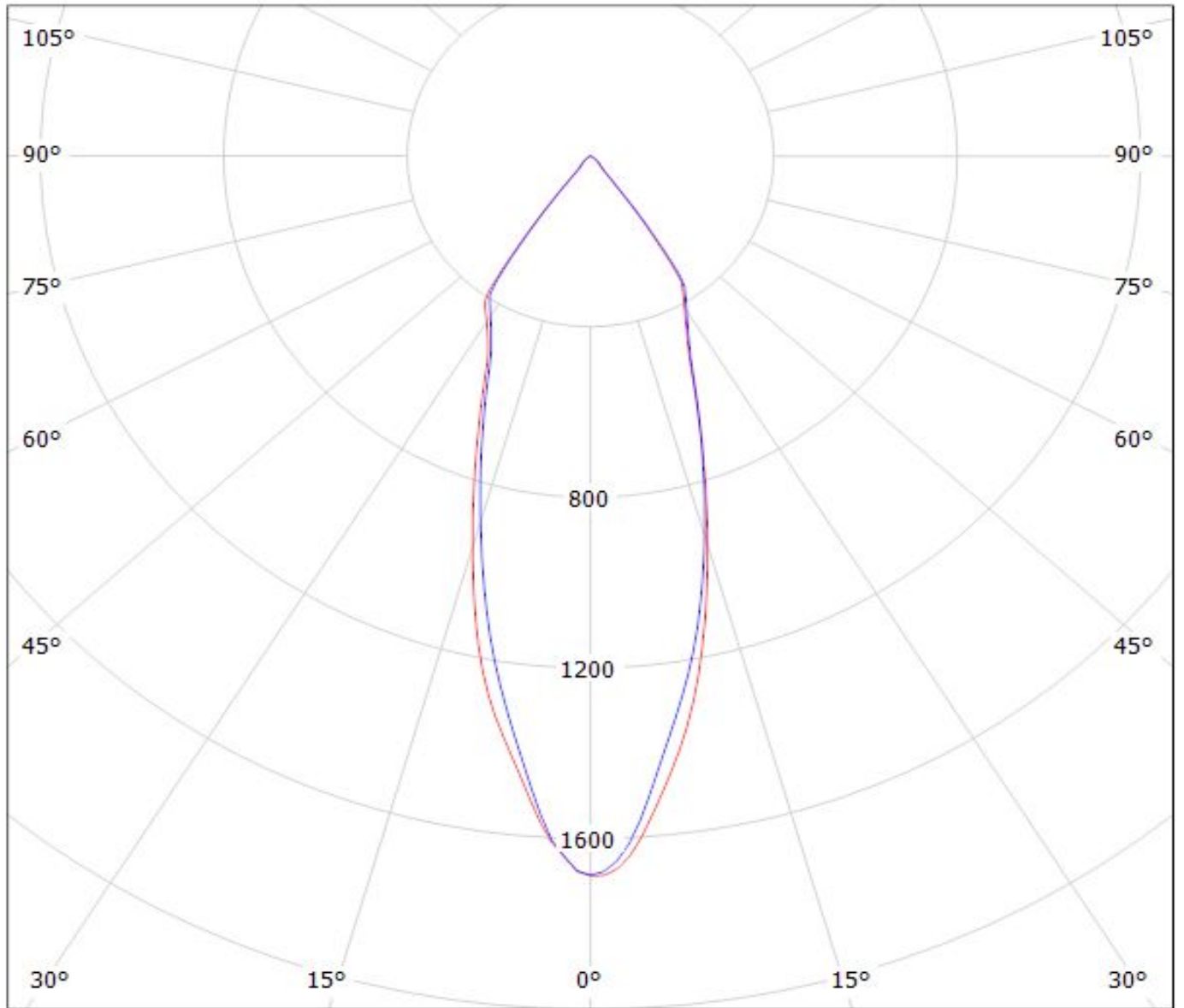
cd/klm

— C0 - C180

— C90 - C270

$\eta = 88\%$

Luminaire: LEDiL Oy F13664_ANGELA-W-B_(K12) Eff.86.9%
Lamps: 1 x Luxeon_K12_933.514lm@250mA_P=8.21721W_I=249.9mA



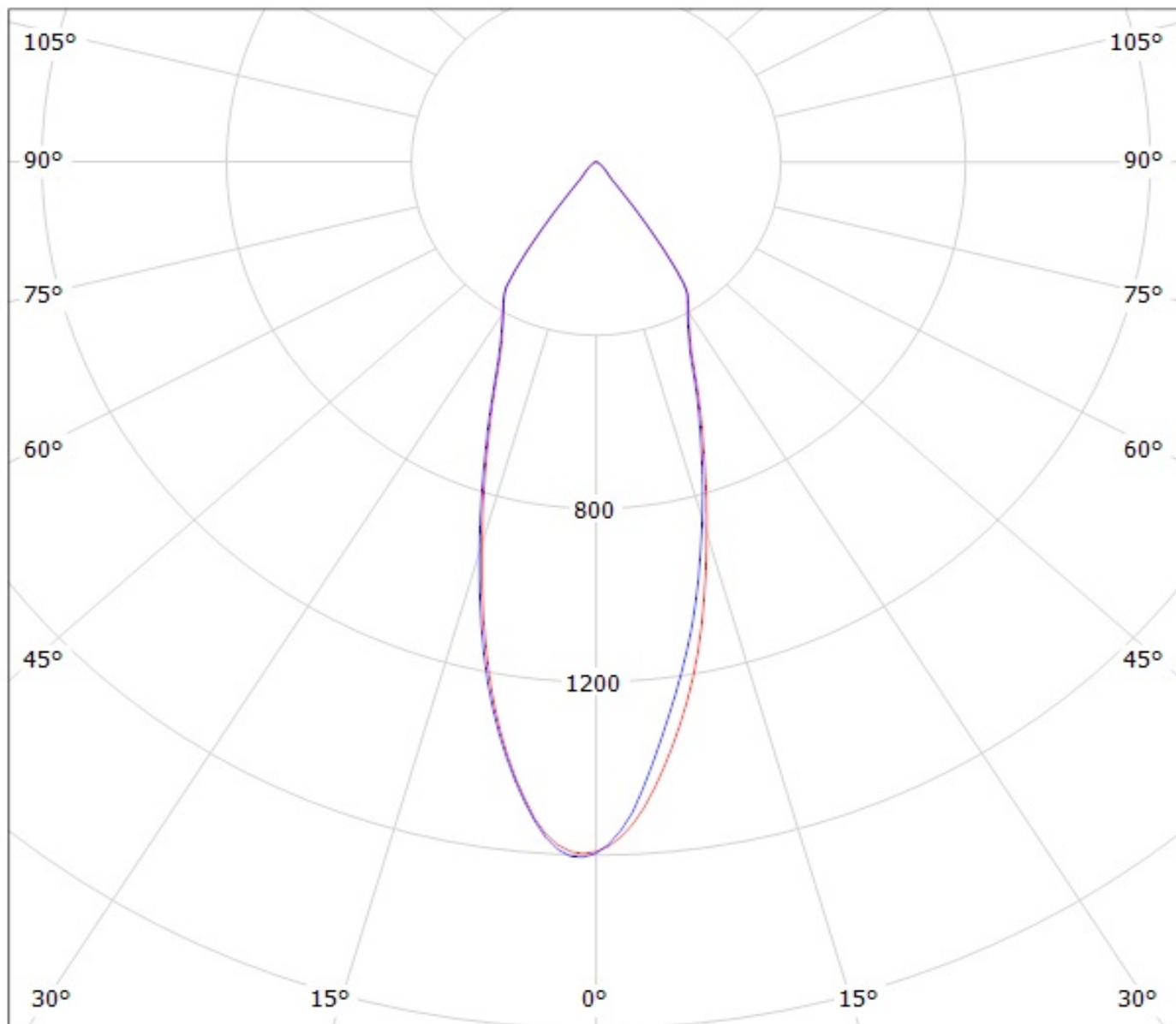
cd/klm

— C0 - C180 — C90 - C270

$\eta = 87\%$

Luminaire: LEDiL Oy F13664_ANGELA-W-B_(Luxeon_CoB_1208)

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



cd/klm

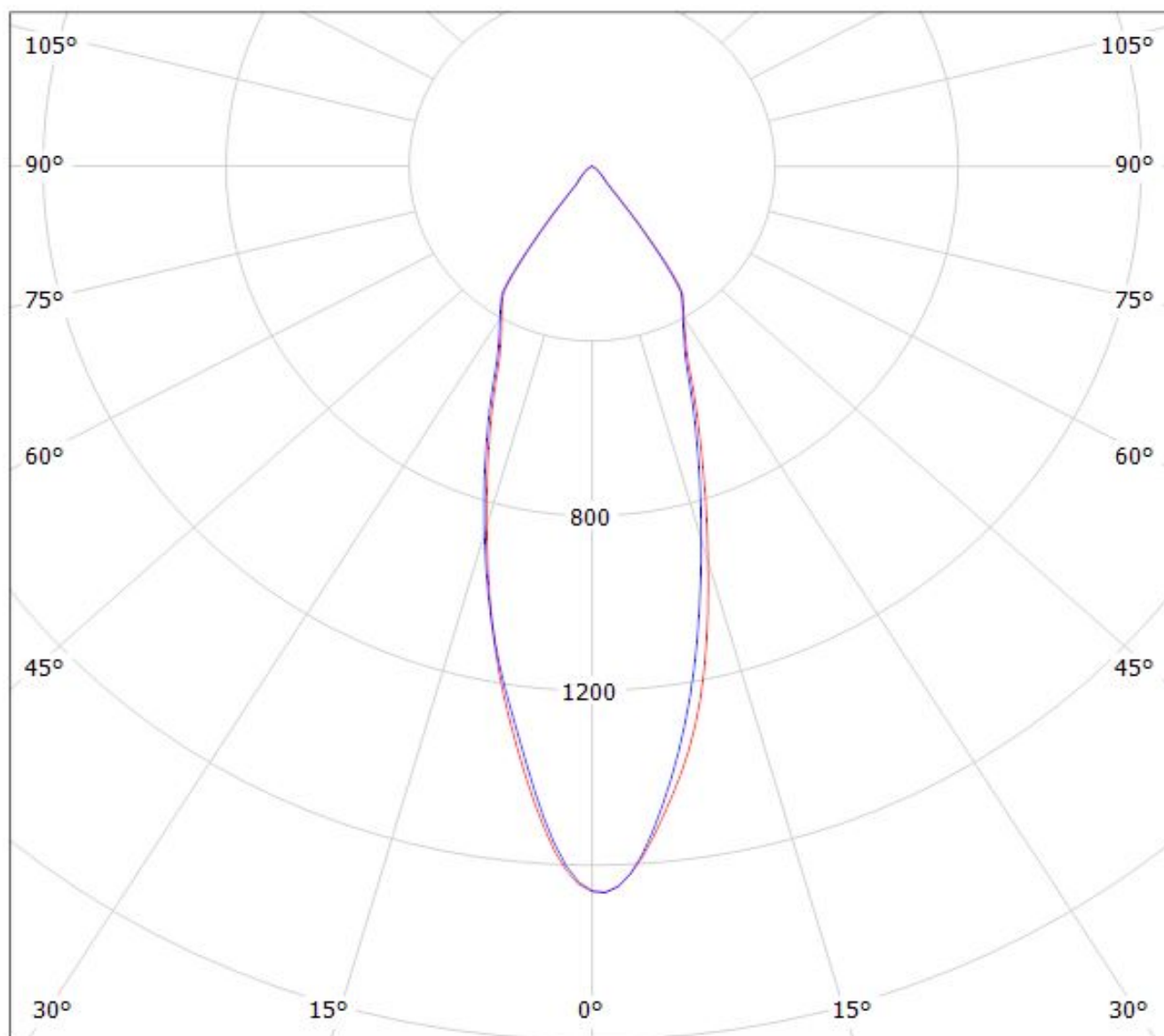
— C0 - C180

— C90 - C270

$\eta = 84\%$

Luminaire: LEDiL Oy F13664_ANGELA-W-B_(Luxeon_CoB_1205)

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



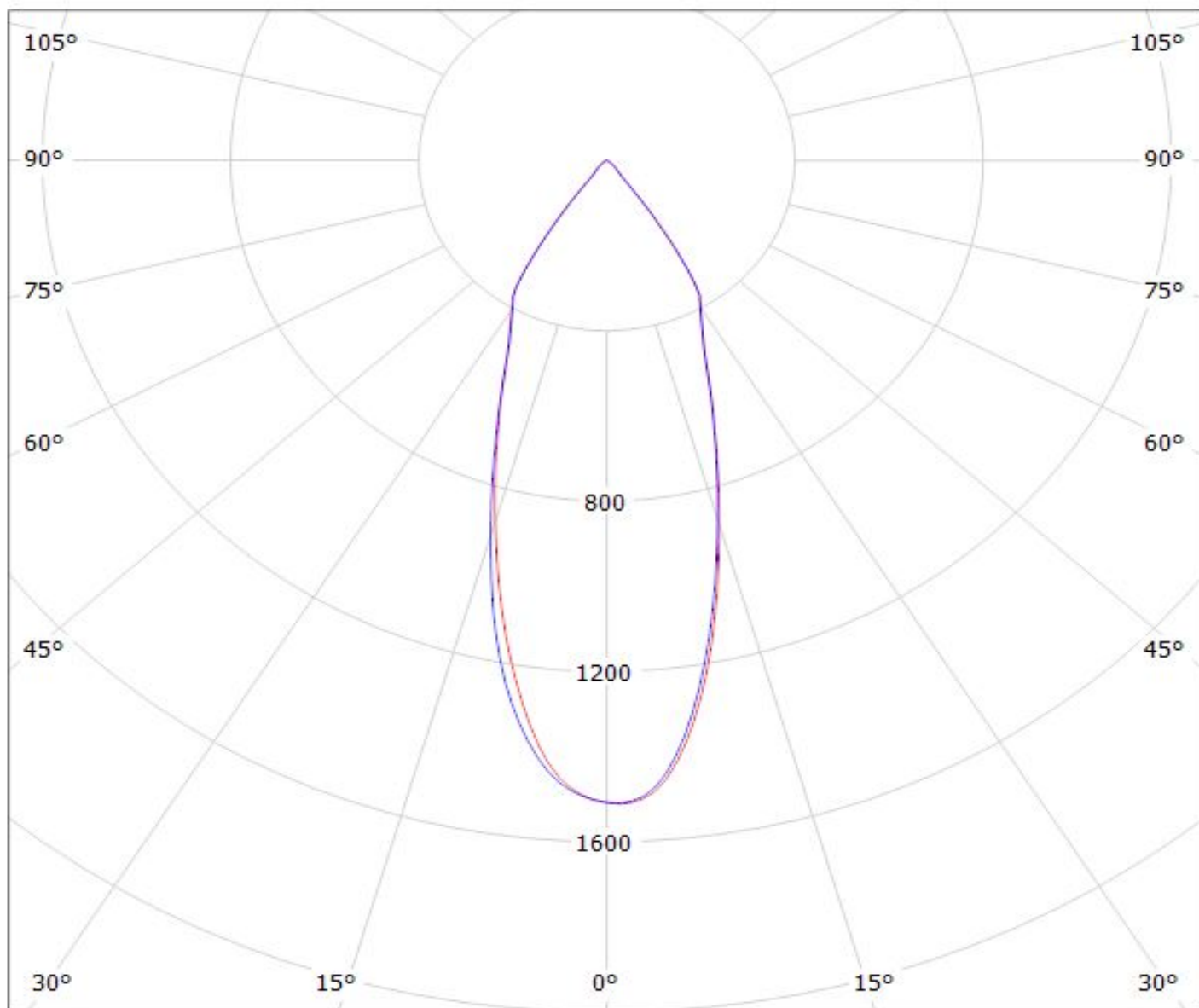
cd/klm

— C0 - C180

— C90 - C270

$\eta = 83\%$

Luminaire: LEDiL Oy F13664_ANGELA-W-B_(Luxeon_CoB_1211)
Lamps: 1 x LUXEON_COB_1211_(LHC1-2790-1211)
_923.583lm@250mA_CCT=2700K_P=8.00909W_I=249.8mA



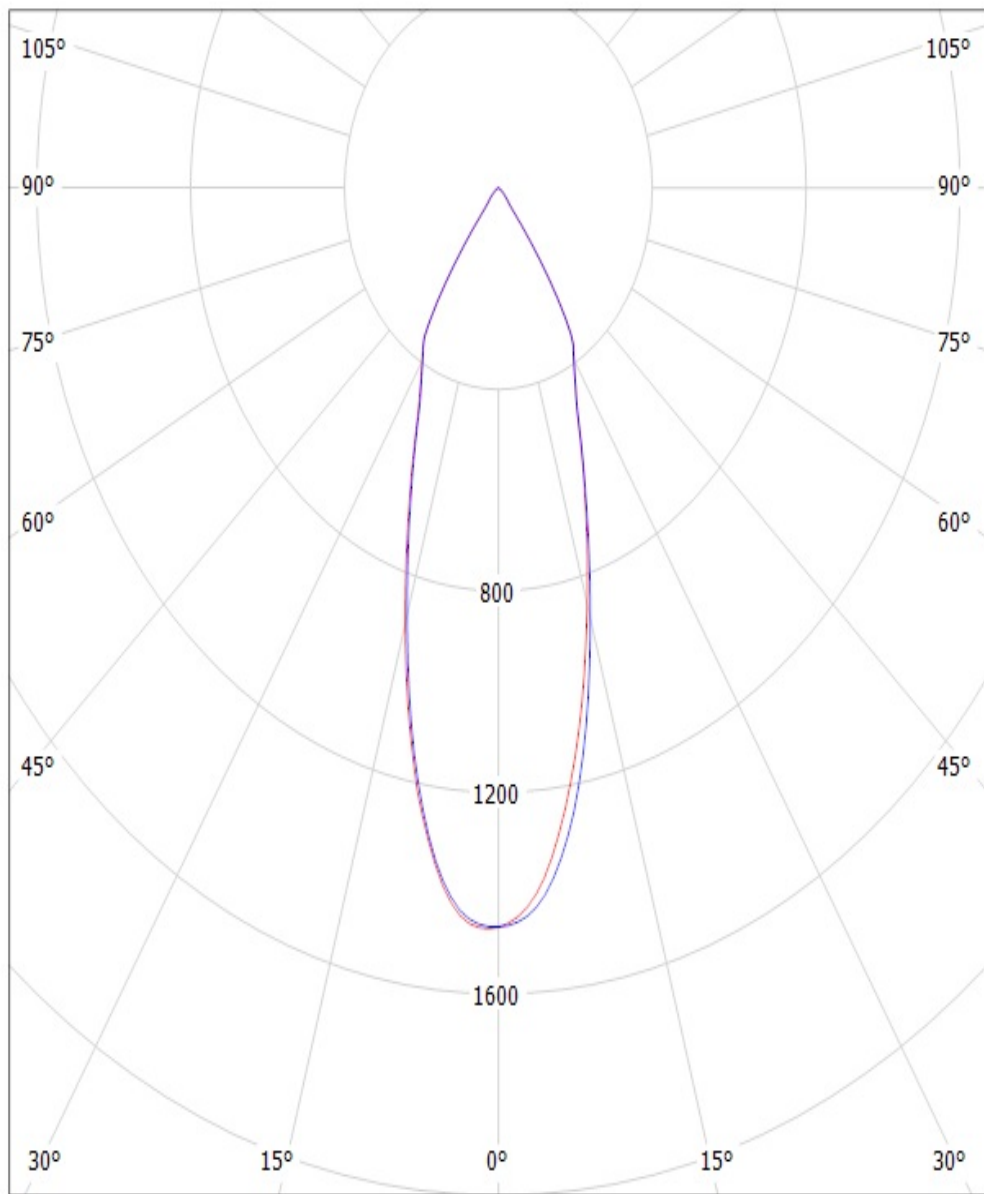
cd/klm

— C0 - C180 — C90 - C270

$\eta = 82\%$

Luminaire: LEDiL Oy F13664_ANGELA-W-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



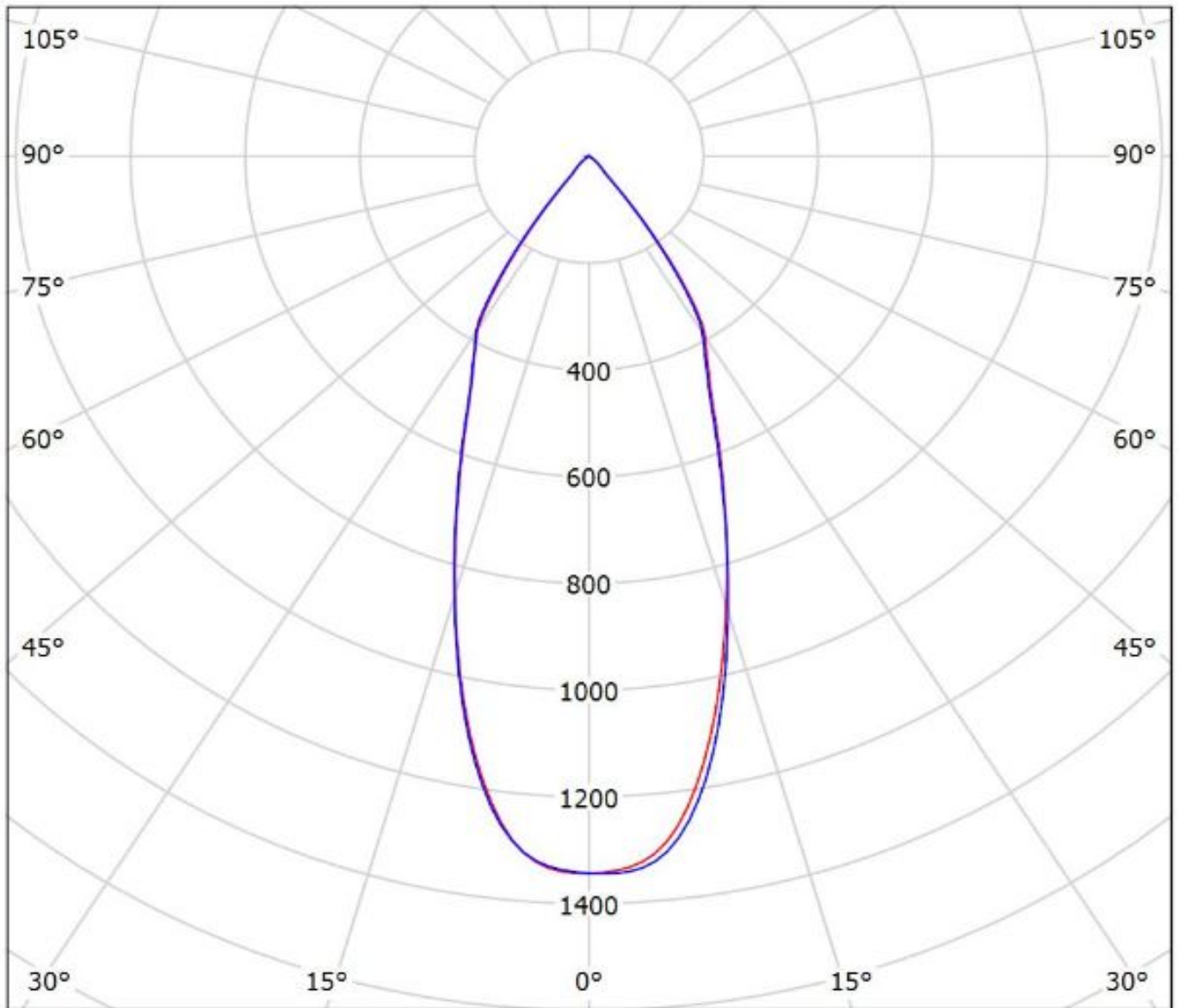
cd/klm

$\eta = 81\%$

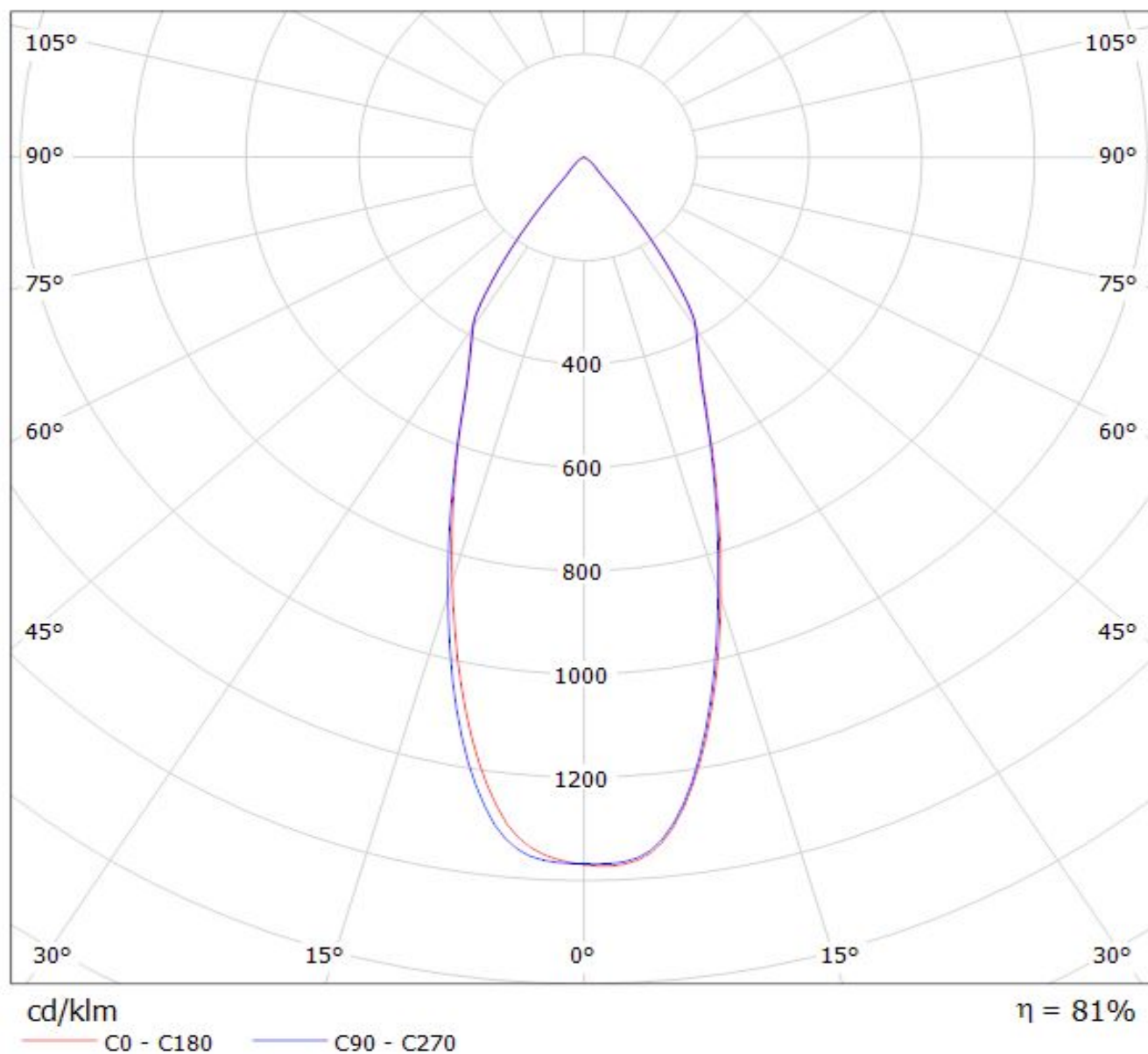
— C0 - C180 — C90 - C270

Luminaire: Ledil F13664_ANGELA-W-B_(CoB_1216)

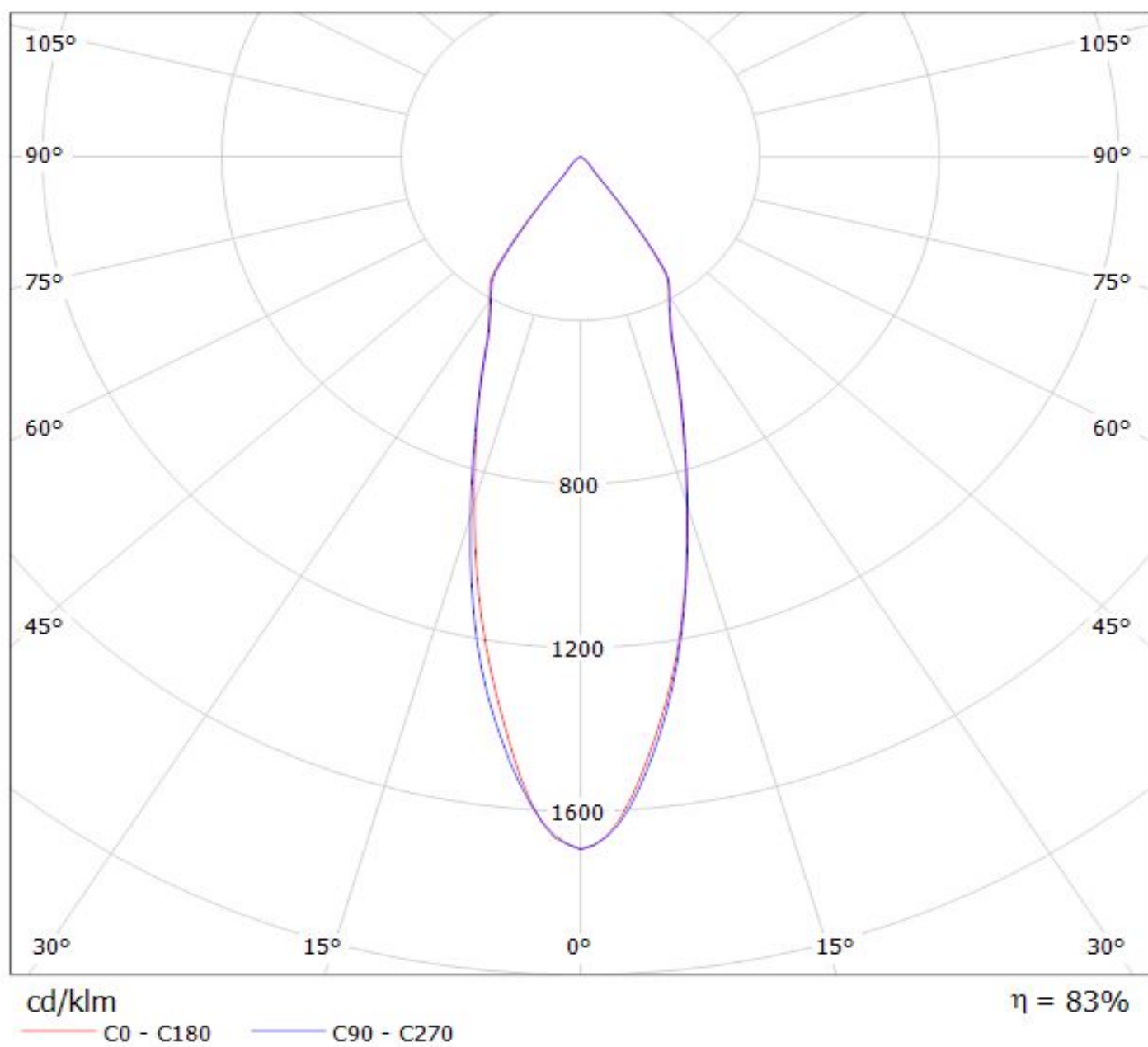
Lamps: 1 x Luxeon_CoB_1216_(L2C2-40801216E2300)_1478.53lm@250mA_P=8.0068W_I=0.25A



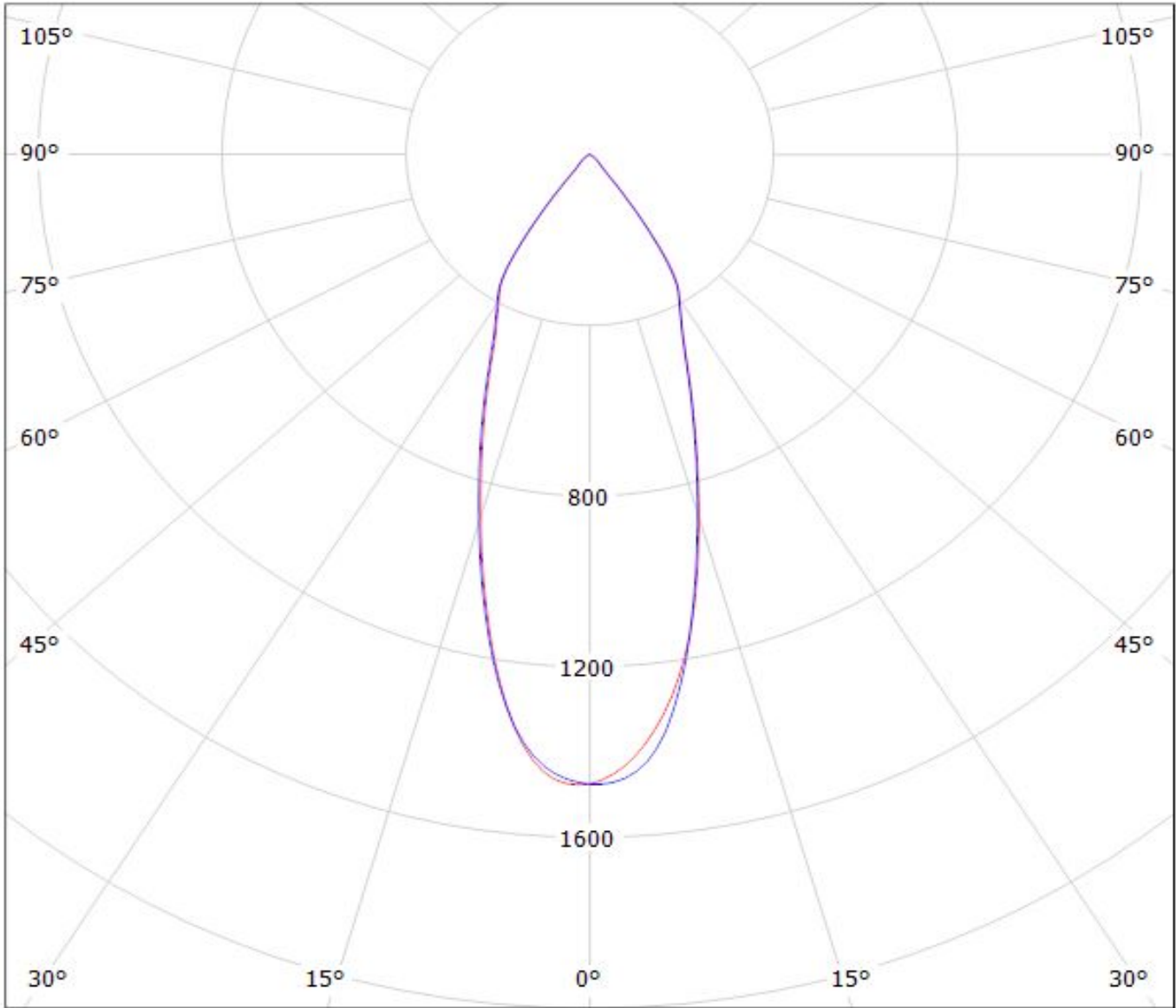
Luminaire: LEDiL Oy F13664_ANGELA-W-B_(CXM-22) Eff.81.5%
Lamps: 1 x LUMINUS_CXM-22_1221.8lm@250mA_P=8.00809W_CCT=3000K_I=249.8mA



Luminaire: LEDiL Oy F13664_ANGELA-W-B_(CXM-14)
Lamps: 1 x LUMINUS_XNOVA_CXM-14_(AC00)
_1049.18lm@250mA_CCT=3126K_P=8.31834W_I=249.8mA



Luminaire: LEDiL Oy F13664_ANGELA-W-B_(E30) Eff.81.5%
Lamps: 1 x Osram_Soleroiq_E30_1364.86lm@250mA_P=10.2445W_I=249.8mA



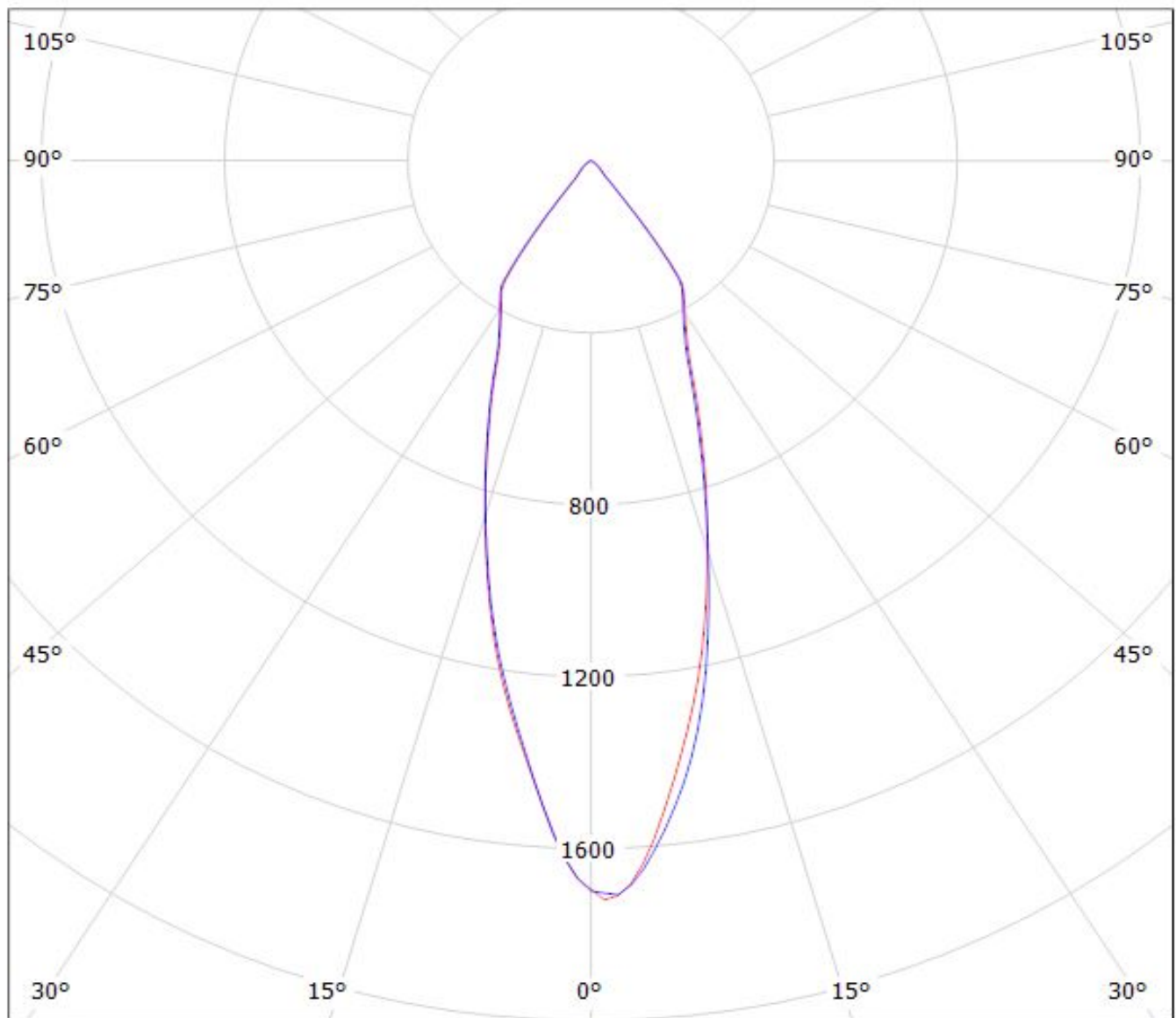
cd/klm

— C0 - C180 — C90 - C270

$\eta = 81\%$

Luminaire: LEDiL Oy F13664_ANGELA-W-B_(S13) Eff.83.9%

Lamps: 1 x Osram_Solericq_S13_901.003lm@250mA_P=7.48151W_I=249.9mA



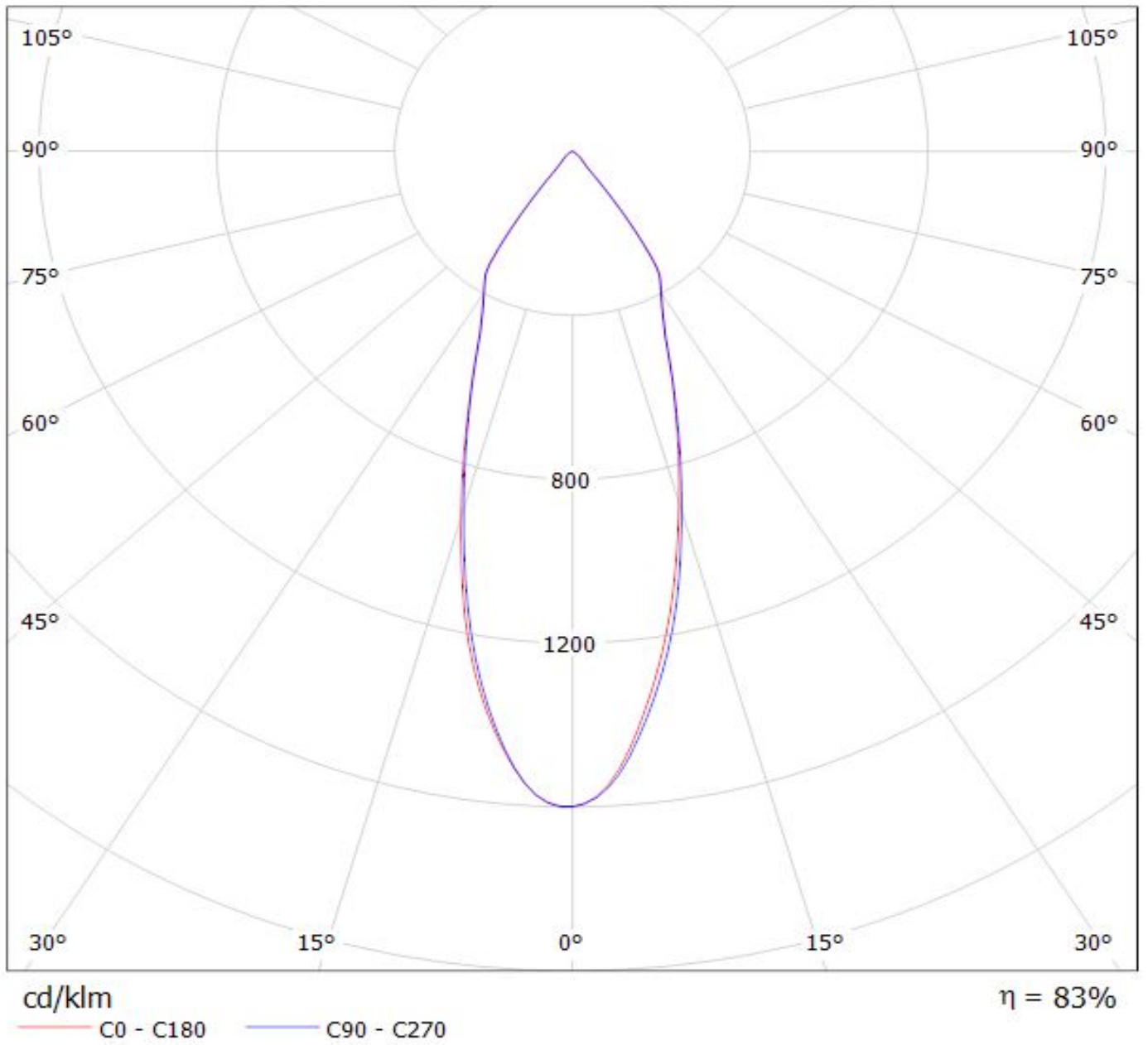
cd/klm

— C0 - C180

— C90 - C270

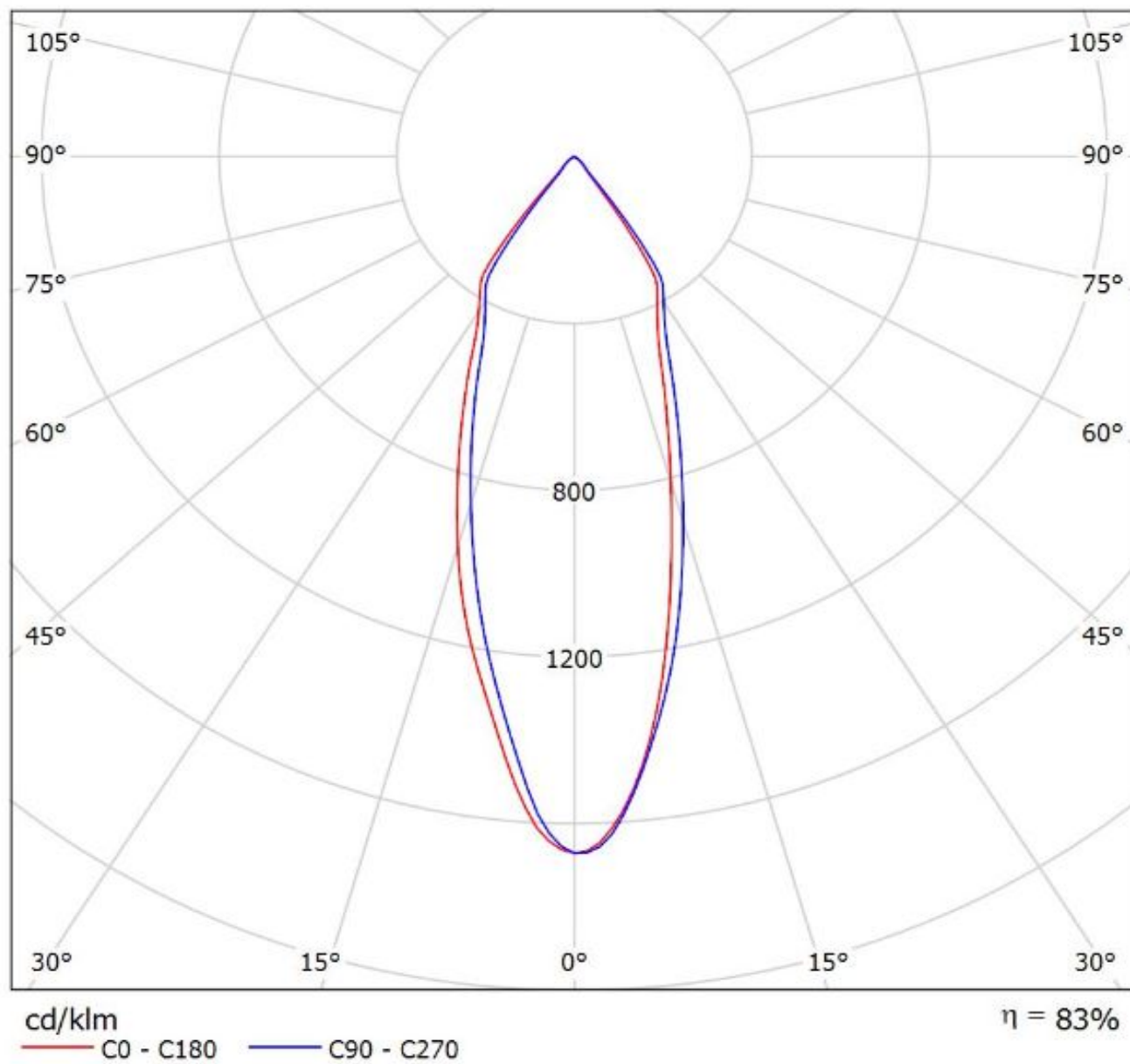
$\eta = 84\%$

Luminaire: LEDiL Oy F13664_ANGELA-W-B_(Soleriq S19) Eff.83.4%
Lamps: 1 x OSRAM_SOLERIQ_S19_(GW_KAHJB1.EM)
_1445.44lm@250mA_CCT=3000K_P=10.558W_I=249.8mA



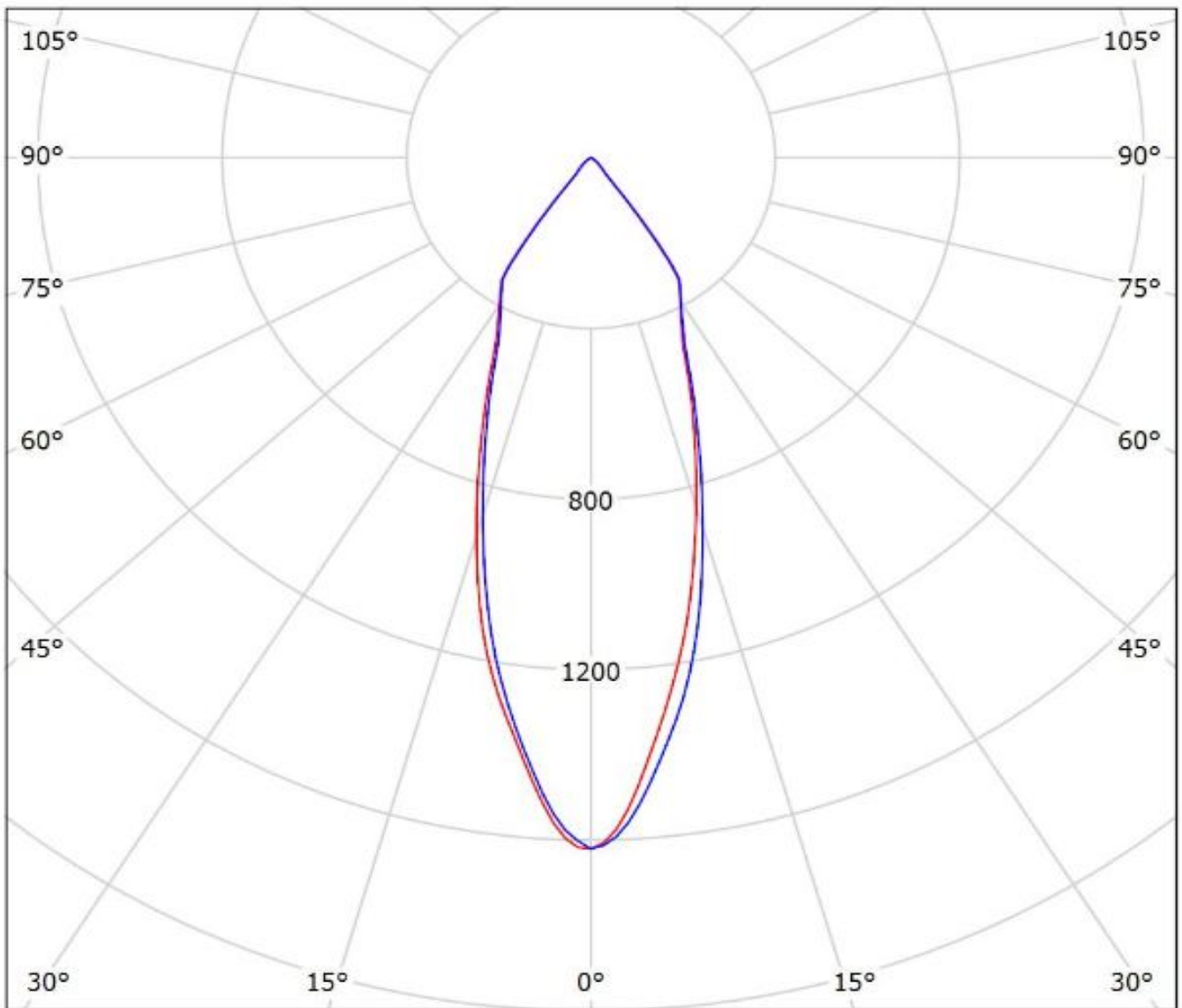
Luminaire: LEDiL Oy F13664_ANGELA-W-B_(SOLERIQ_P13)

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



Luminaire: Ledil F13664_ANGELA-W-B_(Soleriq_S13_G2)

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



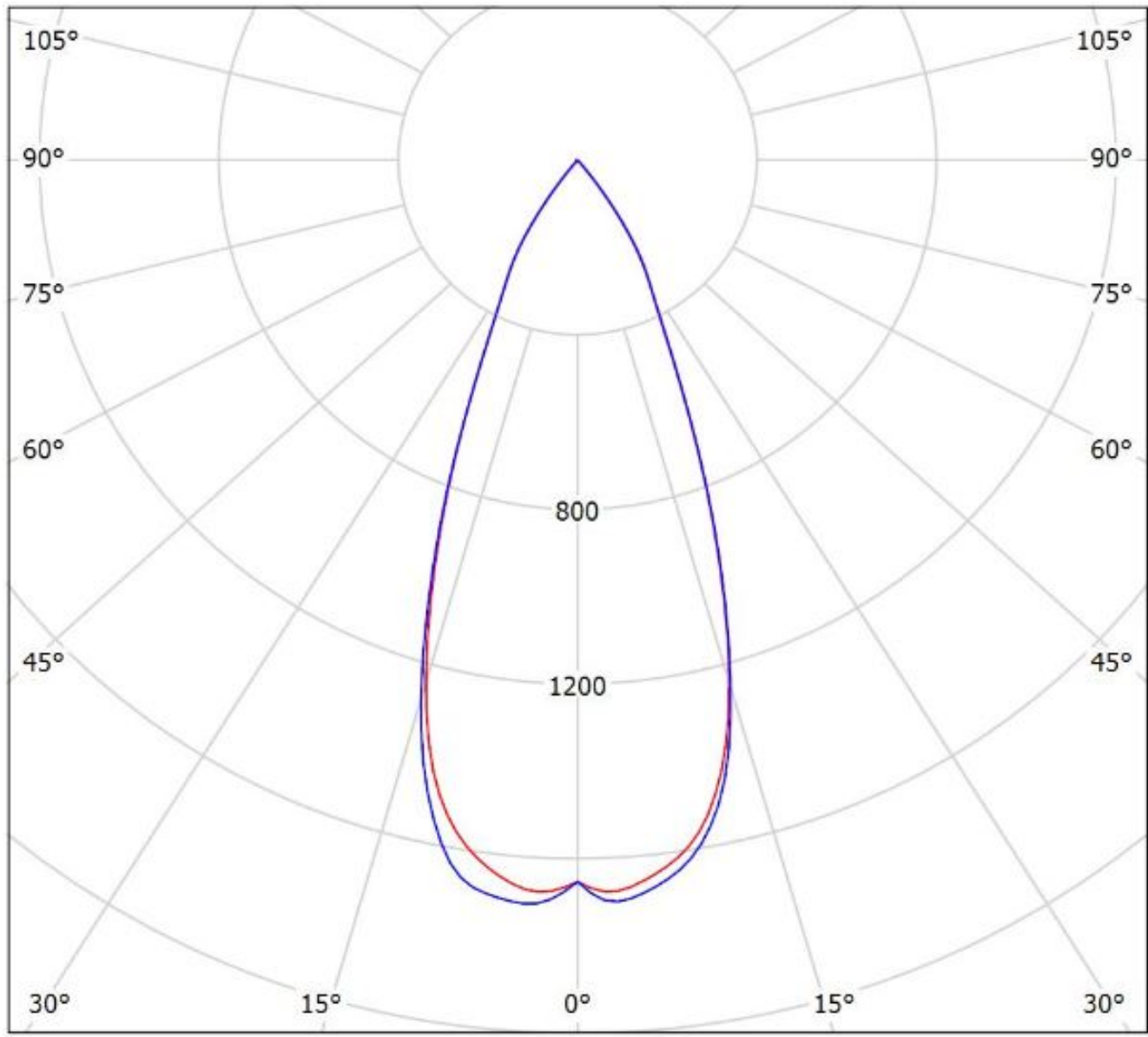
cd/klm

— C0 - C180

— C90 - C270

$\eta = 81\%$

Luminaire: Ledil Oy F13664_ANGELA-W-B+_BJB_47.319.2030_SAMSUNG_COB_D_LC040D_SIMULATED
Lamps: 1 x SAMSUNG LC040D



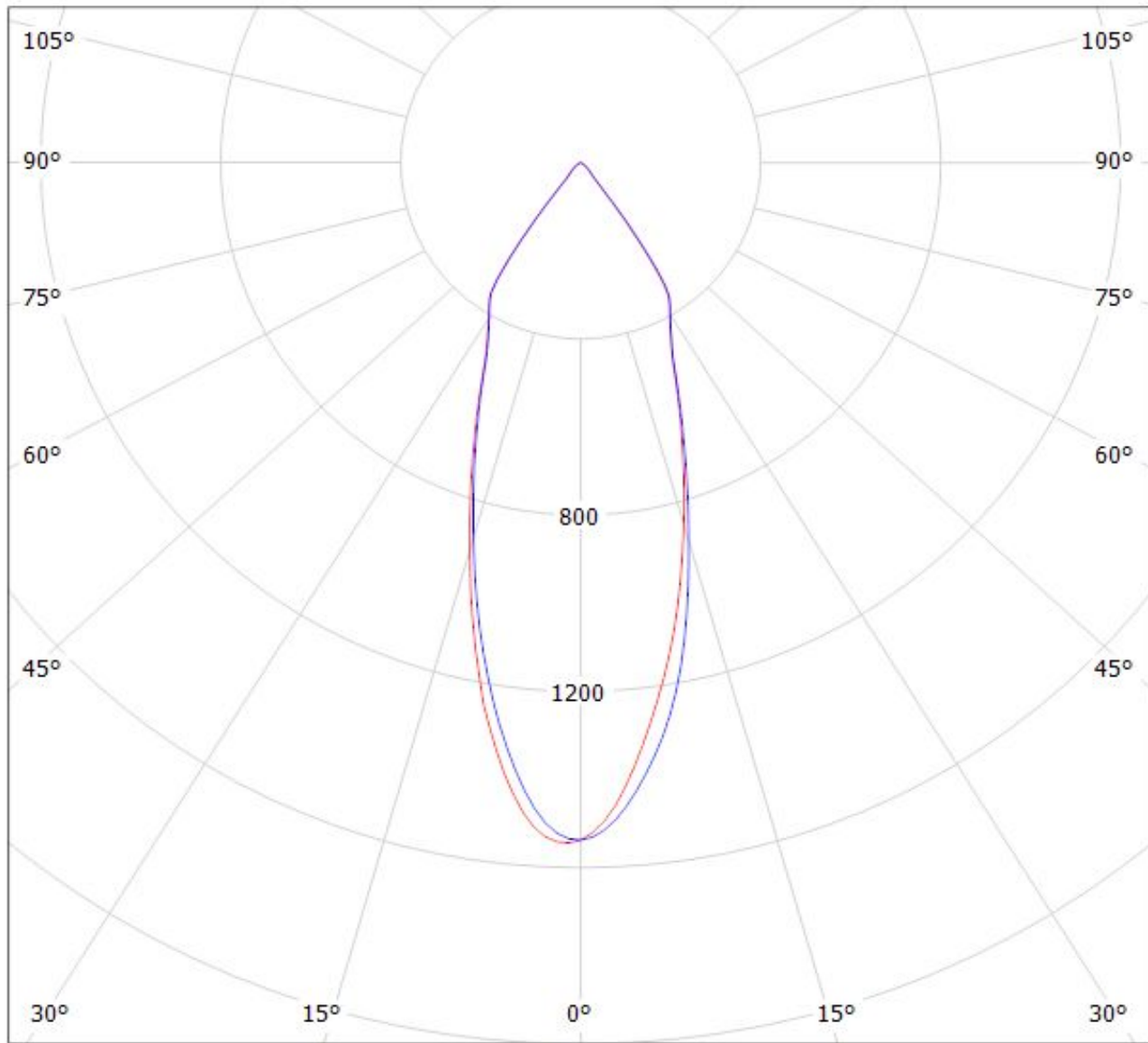
cd/klm

— C0 - C180 — C90 - C270

$\eta = 86\%$

Luminaire: LEDiL Oy F13664_ANGELA-W-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



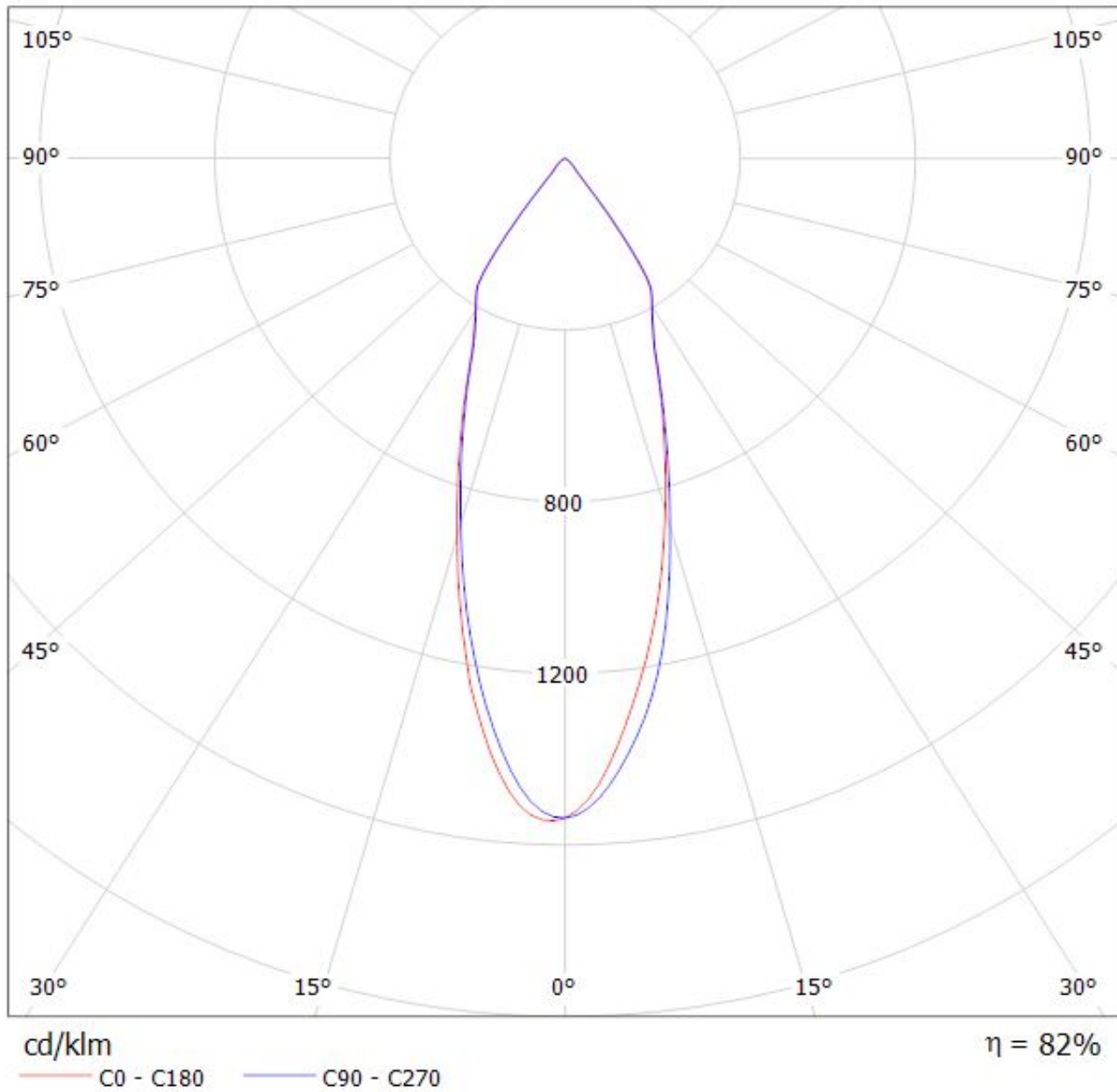
cd/klm

— C0 - C180 — C90 - C270

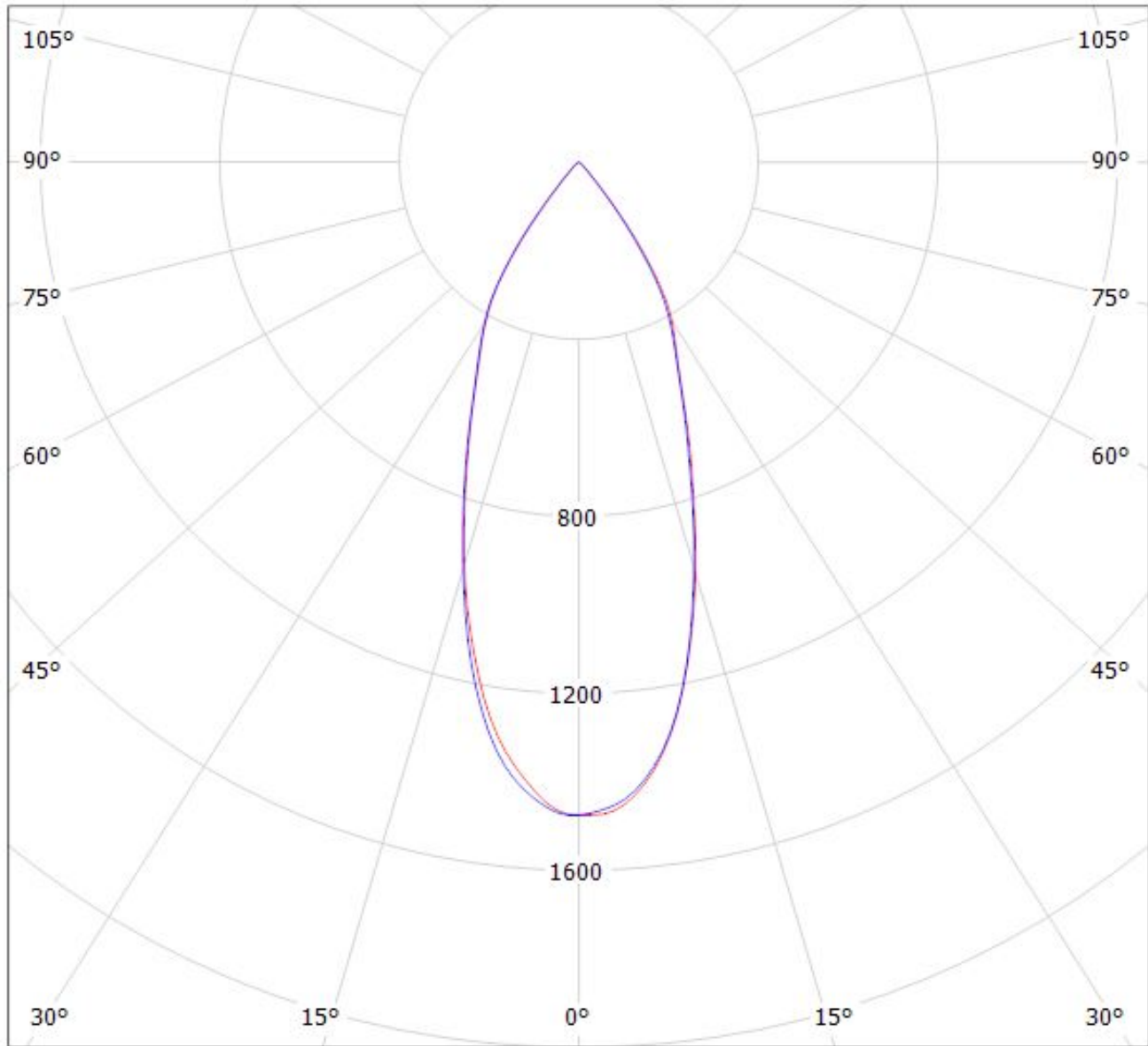
$\eta = 82\%$

Luminaire: LEDiL Oy F13664_ANGELA-W-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 F13664_ANGELA-W-B_(ZC-40) Efficiency=82%
Lamps: 1 x Seoul ZC-40 (SBWW5F1B) 1153lm @ 250mA CCT= P=8.25W I=250mA



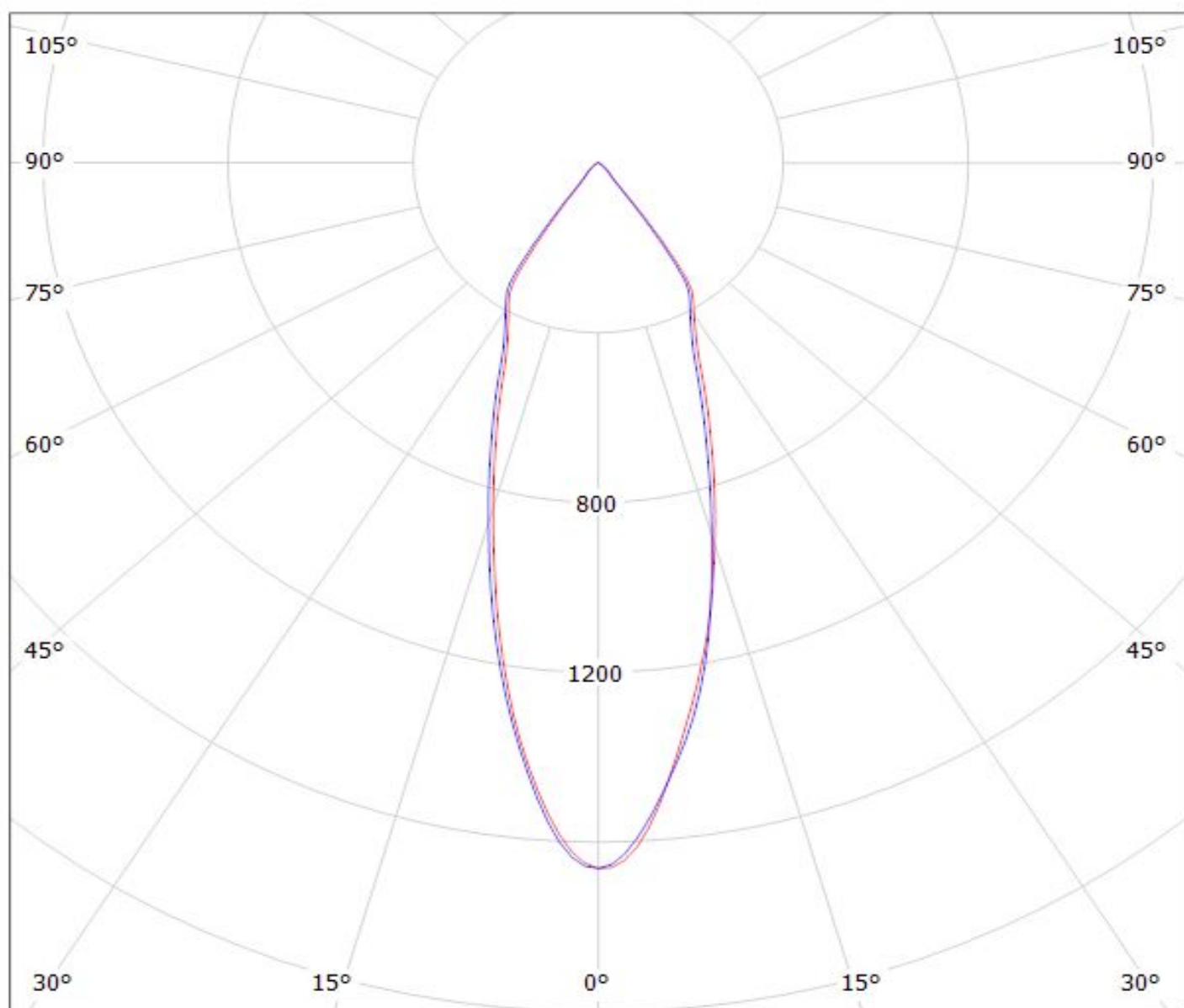
cd/klm

$\eta = 83\%$

— C0 - C180 — C90 - C270

Luminaire: LEDiL Oy F13664_ANGELA-W-B_(ZC12)

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



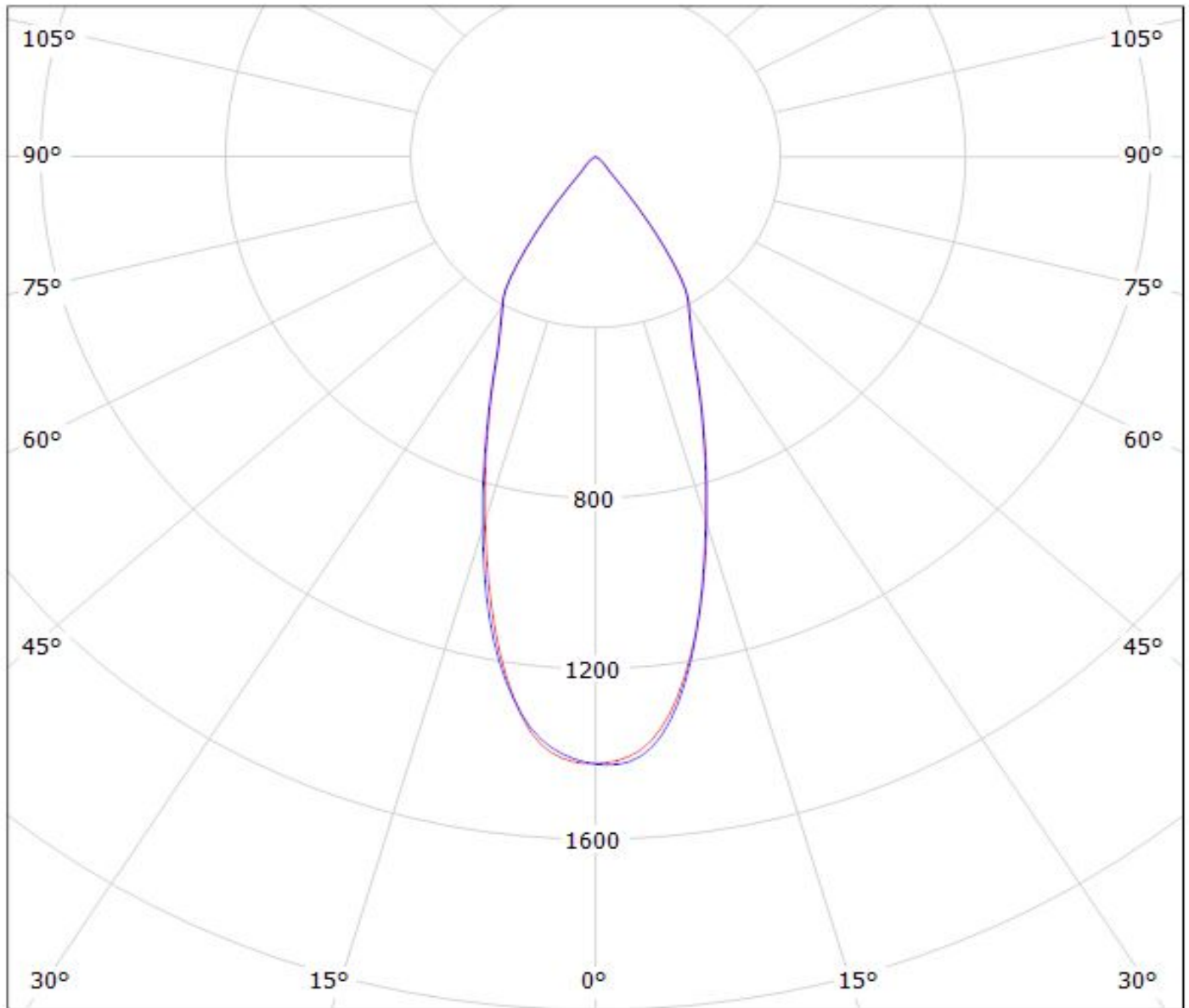
cd/klm

— C0 - C180 — C90 - C270

$\eta = 83\%$

Luminaire: LEDiL Oy F13664_ANGELA-W-B_(ZC40)

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



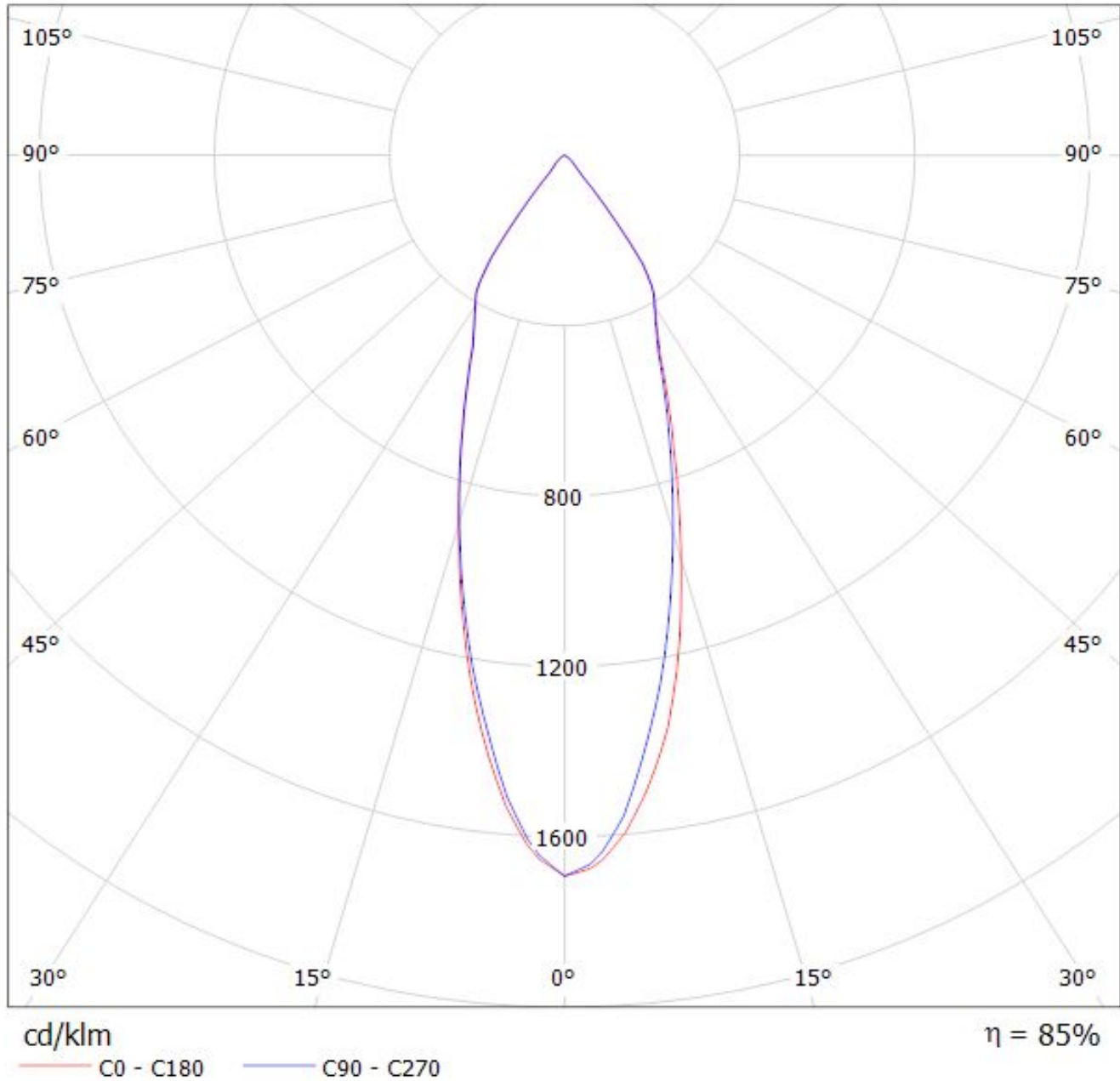
cd/klm

— C0 - C180

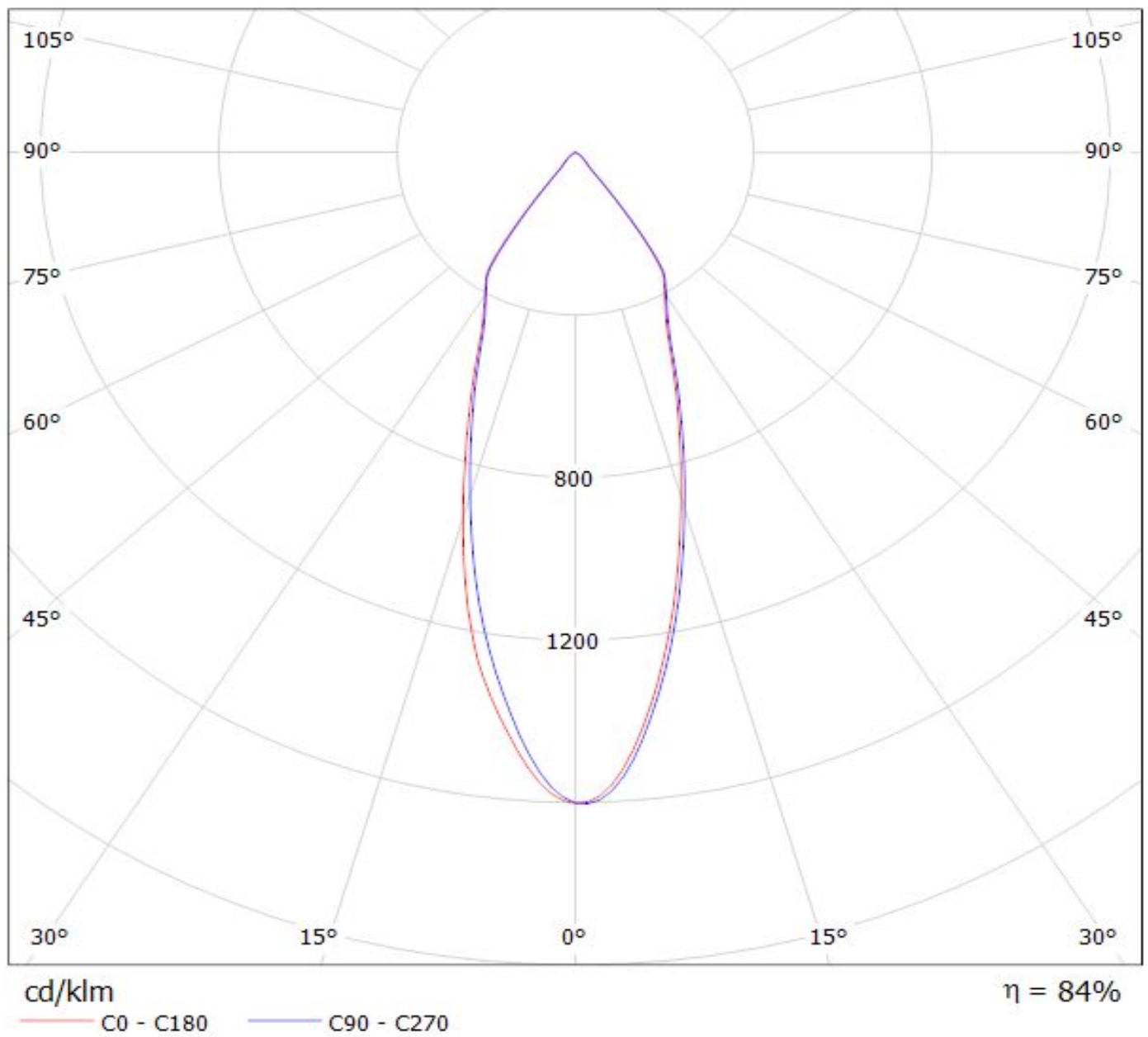
— C90 - C270

$\eta = 82\%$

Luminaire: LEDiL Oy F13664_ANGELA-W-B_(MZ) Eff.85.1%
Lamps: 1 x Sharp_Mega_Zenigata_1226.07lm@250mA_P=11.1573W_I=249.8mA

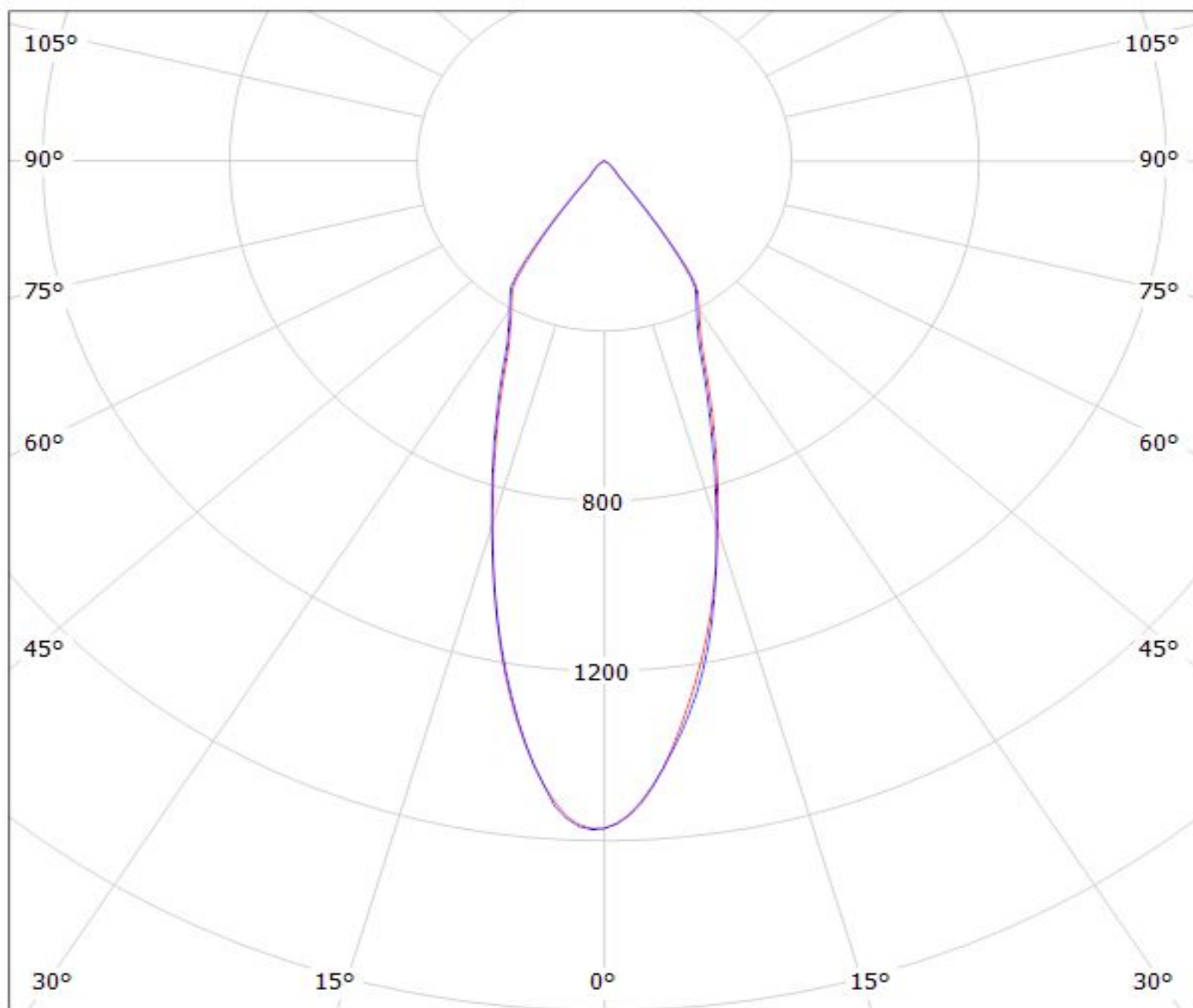


Luminaire: LEDiL Oy F13664_ANGELA-W-B_(MegaZenigata_GW6)
Lamps: 1 x Sharp_MegaZenigata_GW6_(GW6DME30NFC)
_1266.19lm@250mA_CCT=3038K_P=11.2151W_I=250.6mA



Luminaire: LEDiL Oy F13664_ANGELA-W-B_(STARK_SLE_G3_LES17)

Lamps: 1 x TRIDONIC_STARK_SLE_G3_LES17_(STARK_SLE_PURE_G3-17-2000-840-CLA)
_1030.26lm@250mA_CCT=2000K_P=8.34707W_I=249.8mA



cd/klm

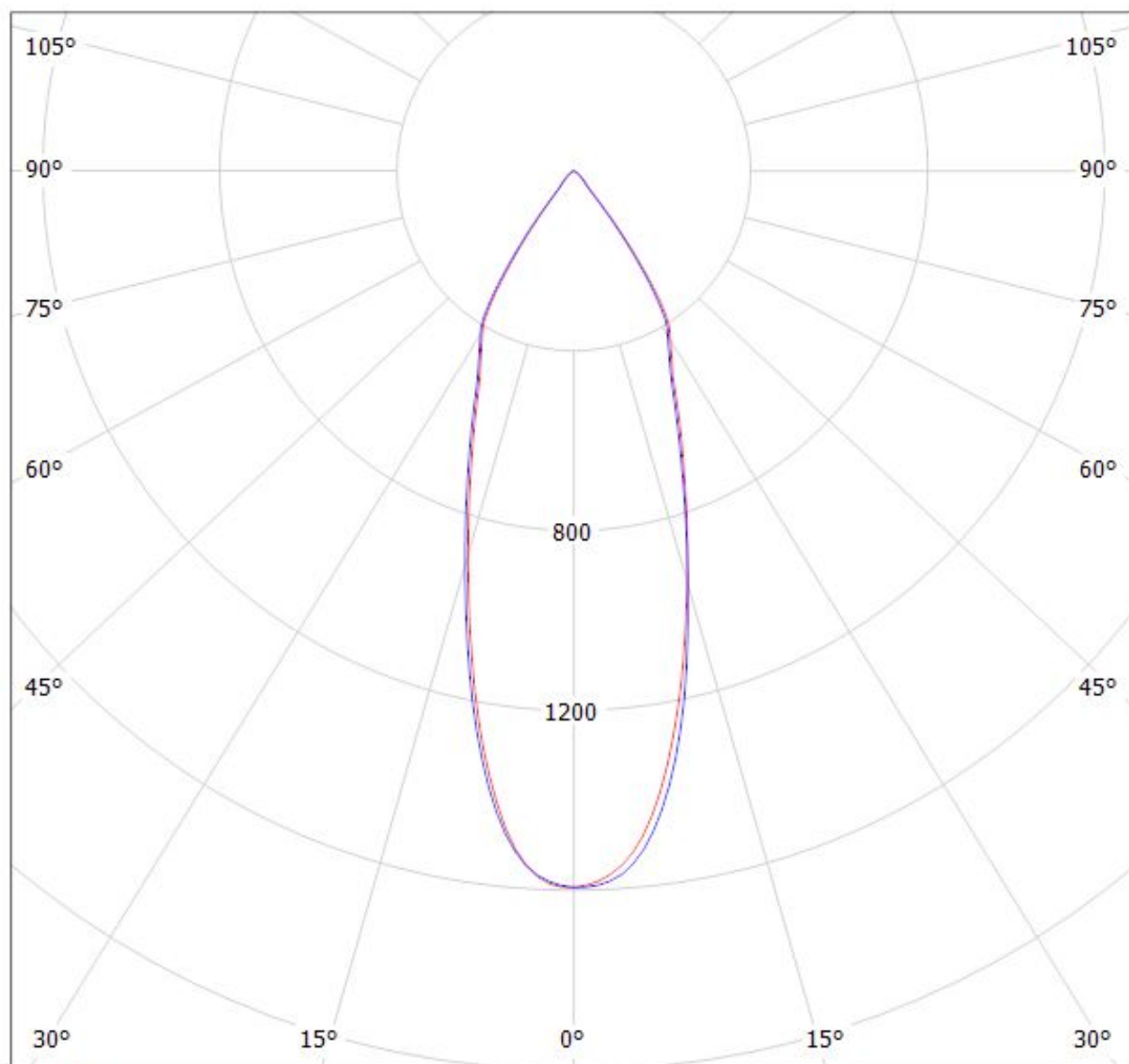
— C0 - C180

— C90 - C270

$\eta = 83\%$

Luminaire: LEDiL Oy F13664_ANGELA-W-B_(SLE_G4_LES23)

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



cd/klm

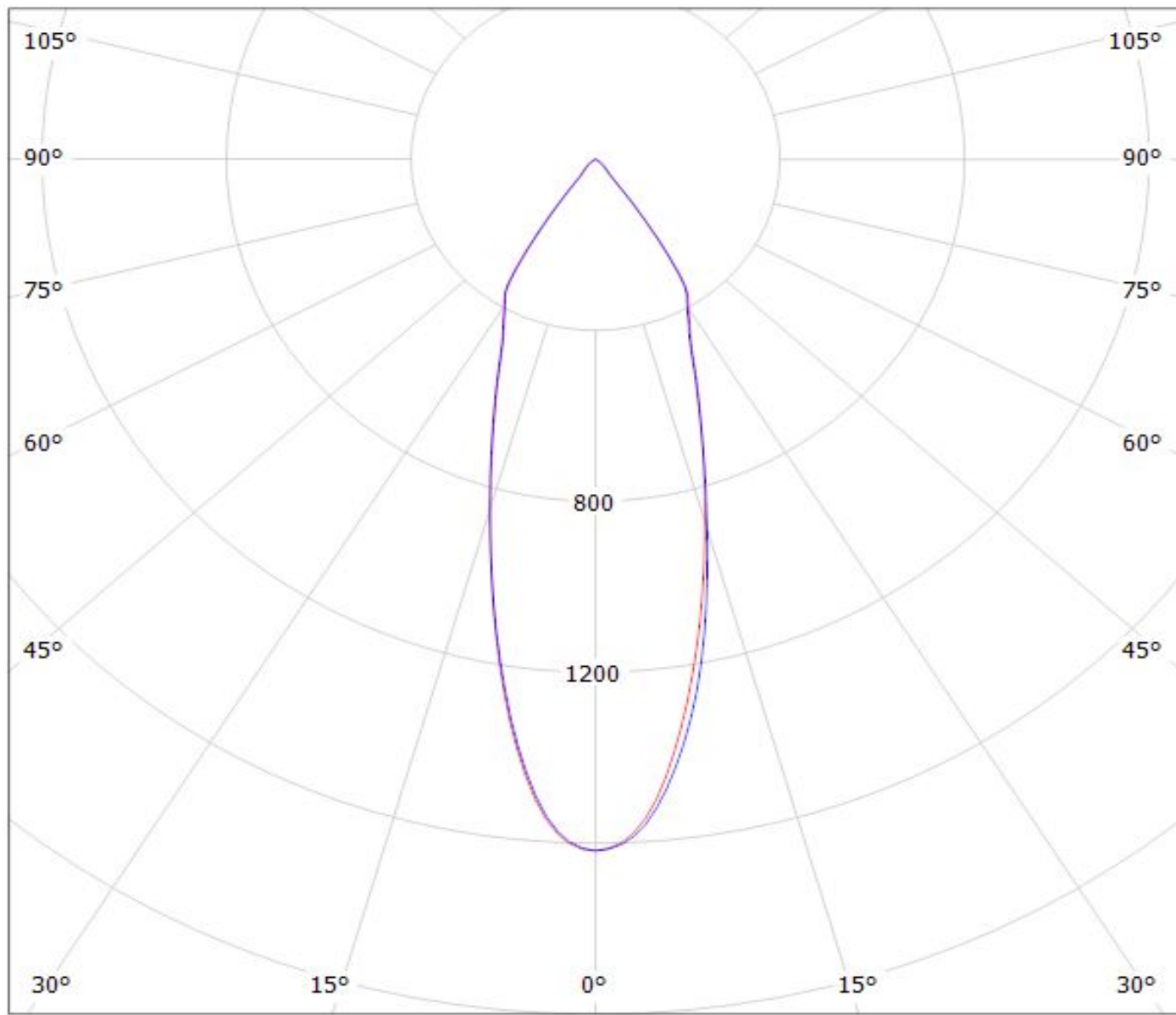
$\eta = 86\%$

— C0 - C180

— C90 - C270

Luminaire: LEDiL Oy F13664_ANGELA-W-B_(SLE GEN4 LES19)

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



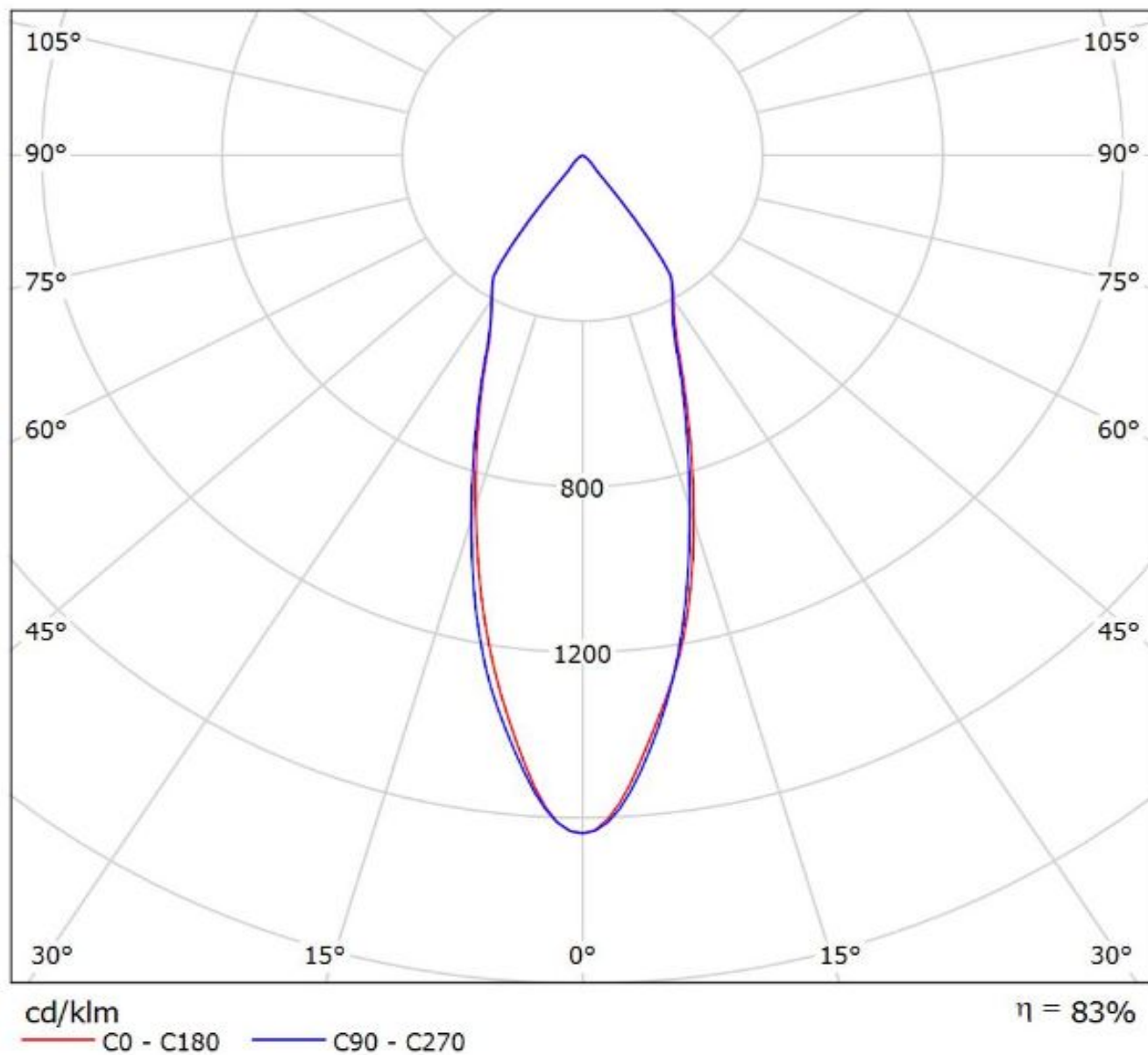
cd/klm

— C0 - C180 — C90 - C270

$\eta = 81\%$

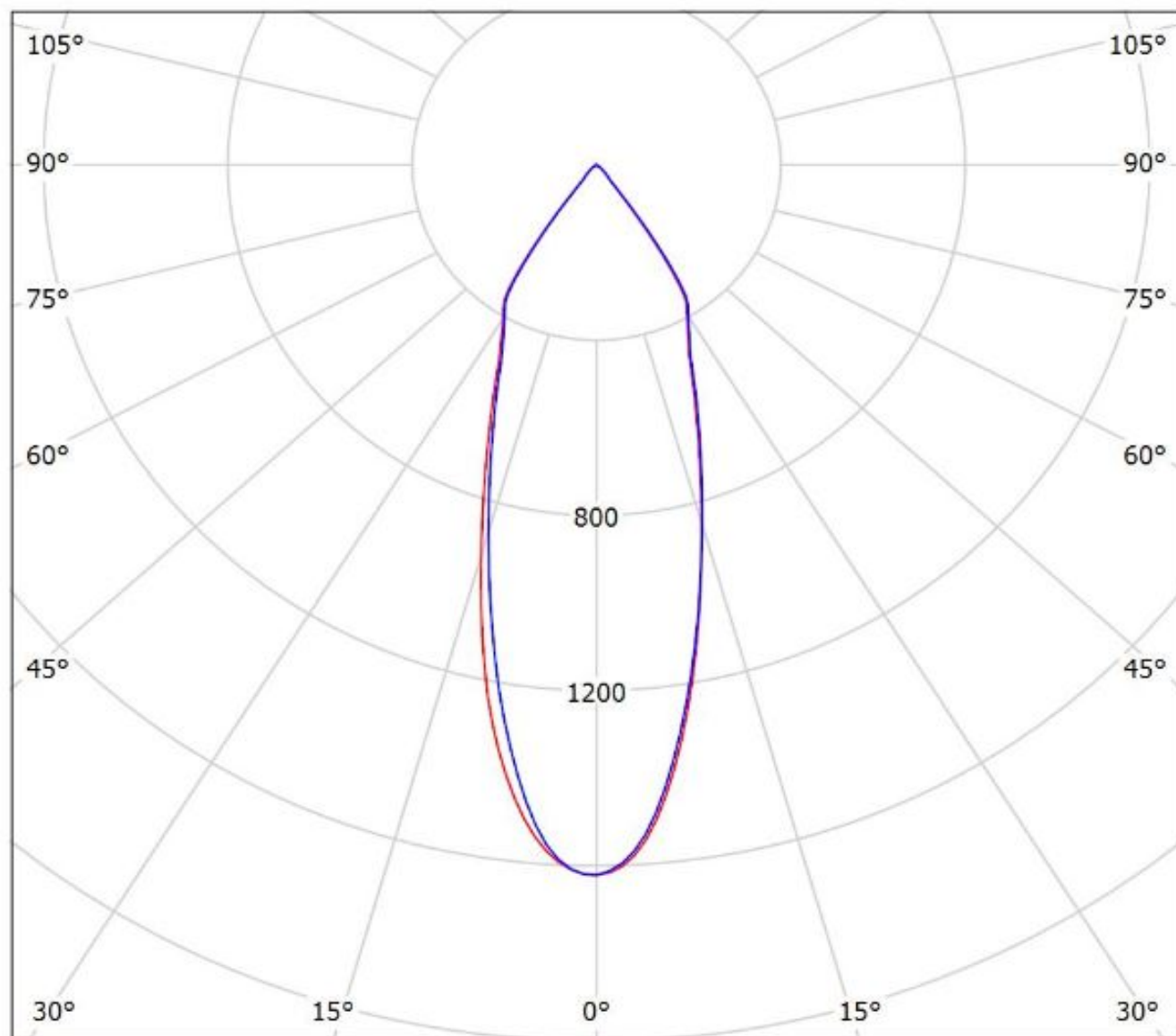
Luminaire: LEDiL Oy F13664_ANGELA-W-B_(SLE-G5_LES-15)

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



Luminaire: LEDiL Oy F13664_ANGELA-W-B_(SLE-G5_LES-19)

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



cd/klm

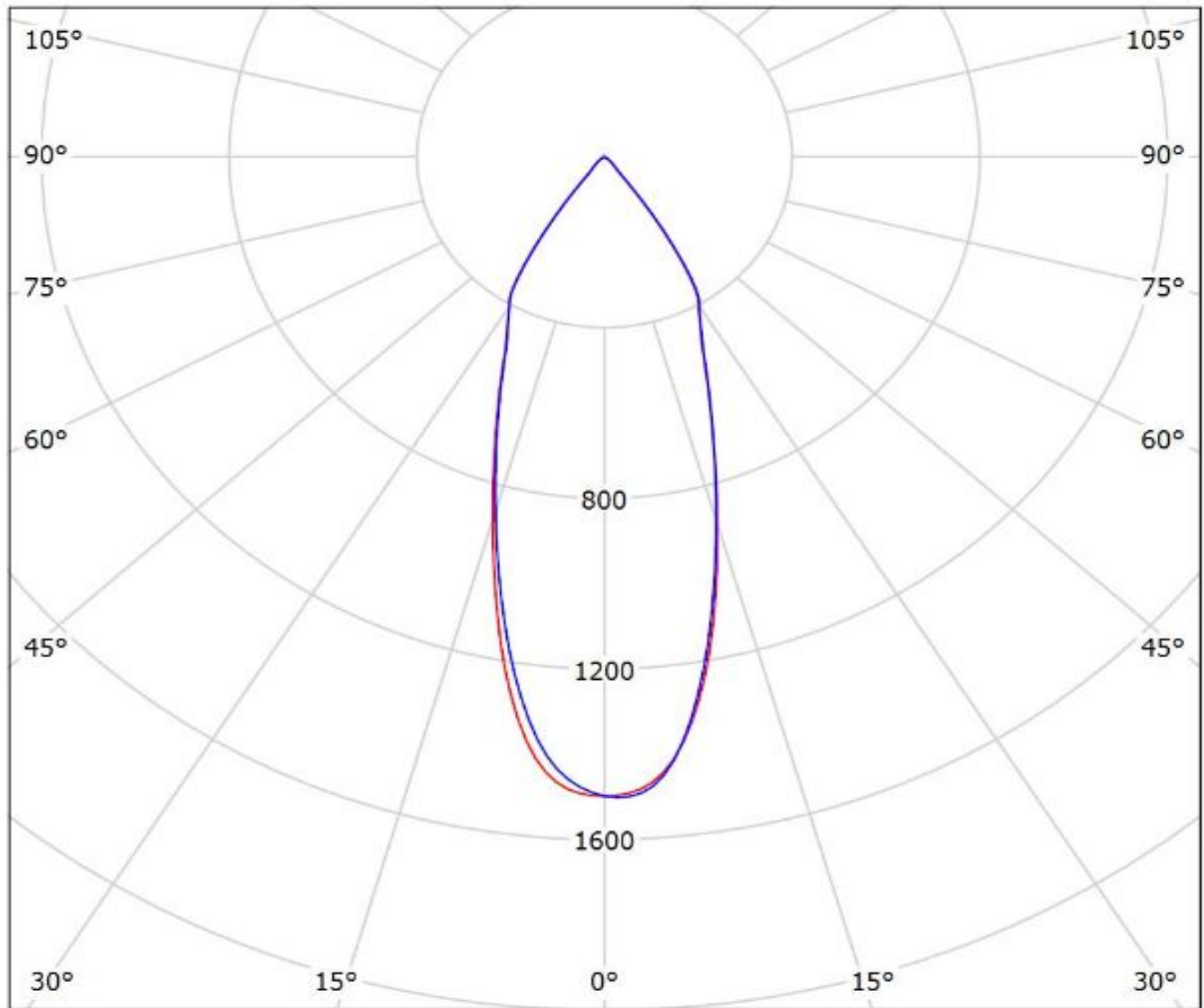
— C0 - C180

— C90 - C270

$\eta = 81\%$

Luminaire: LEDiL Oy F13664_ANGELA-W-B_(SLE-G5_LES-23)

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



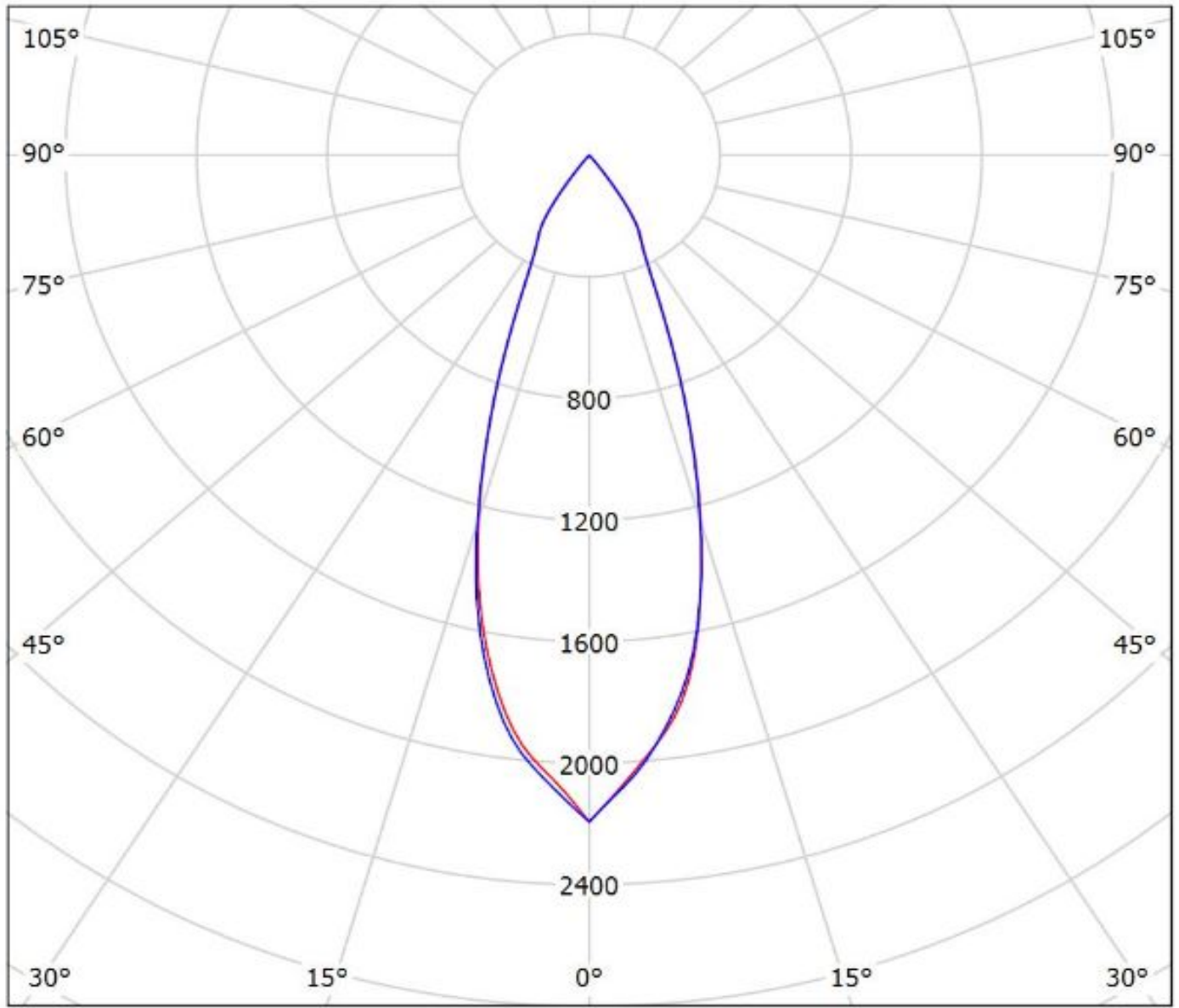
cd/klm

— C0 - C180

— C90 - C270

$\eta = 81\%$

Luminaire: Ledil Oy F13664_ANGELA-W-B_TRIDONIC_SLE_G6_LES19_H_SIMULATED
Lamps: 1 x TRIDONIC SLE G6 LES19 H

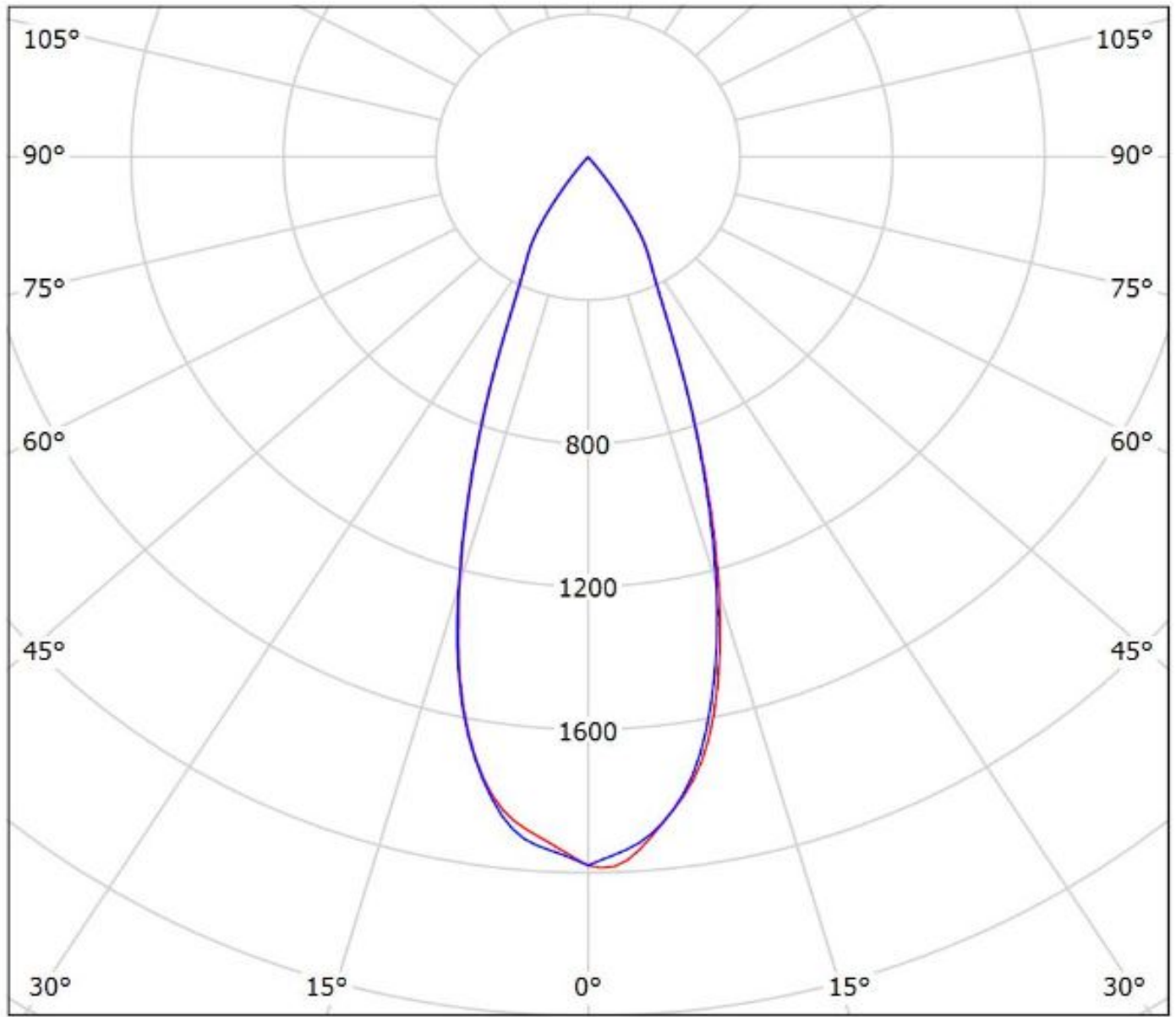


cd/klm

— C0 - C180 — C90 - C270

$\eta = 87\%$

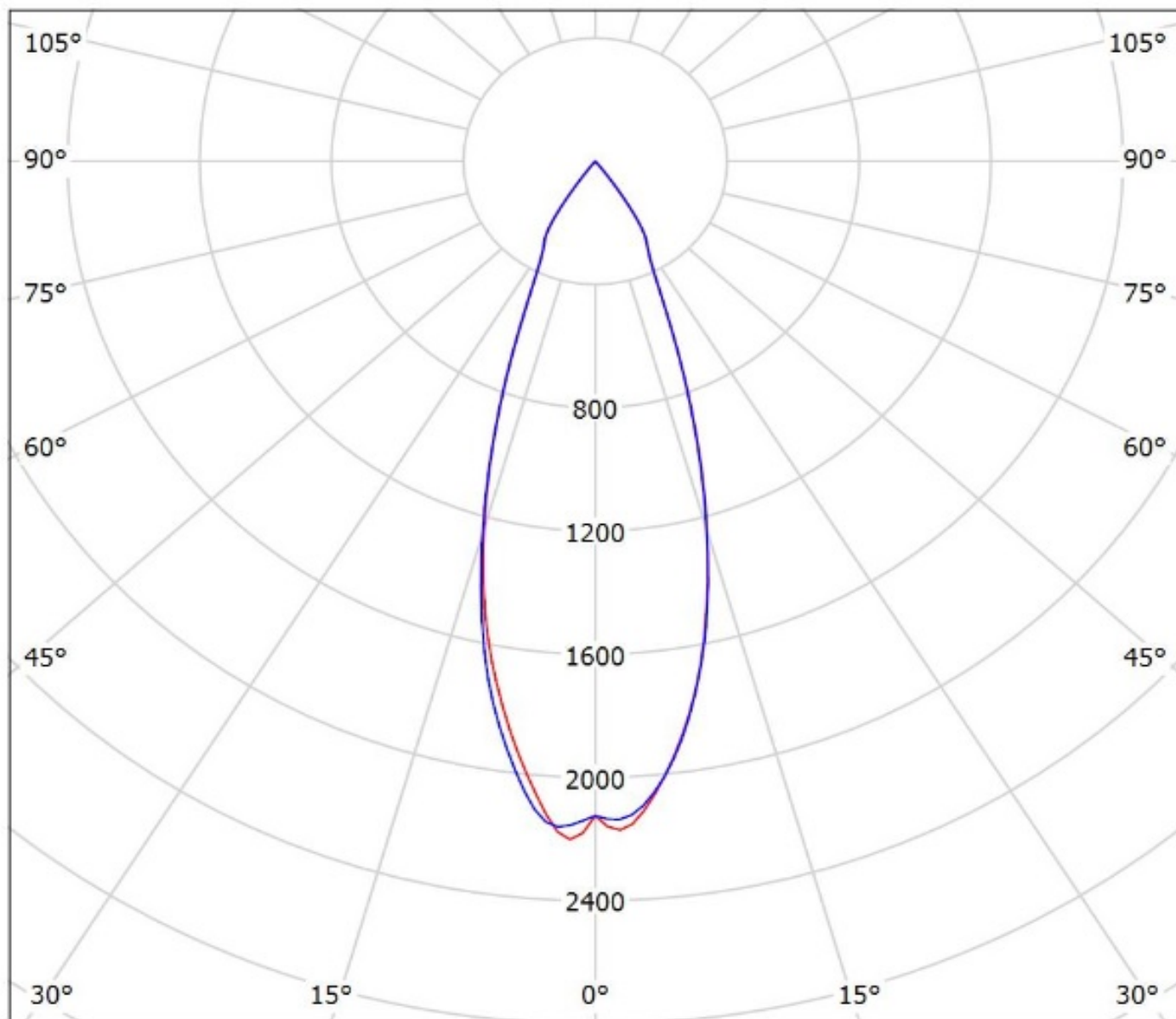
Luminaire: Ledil Oy F13664_ANGELA-W-B_TRIDONIC_SLE_G6_LES23_H_SIMULATED
Lamps: 1 x TRIDONIC SLE G6 LES23 H



cd/klm
— C0 - C180 — C90 - C270

$\eta = 87\%$

Luminaire: Ledil Oy F13664_ANGELA-W-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.