

DETAILS

Product Number	F13841_ANGELA-XW-B
Family	ANGELA
Type	Reflector
Color	white
Diameter	119,5 mm
Height	74,5 mm
Style	round
Optic Material	HRPC
Holder Material	
Fastening	
Status	production ready
ROHS Compliant	Yes
Date Updated	6/03/2017



OPTICAL PROPERTIES

LED	Viewing	Light	Effi-		Connector
	Angle	Beam	ciency	cd/lm	
BXRA ES Rectangle	73 deg	Wide	94 %	0.640	BJB: 47.319.2040
V18 Gen7	72 deg	Wide	94 %	0.640	BJB: 47.319.2350
CLL03x/CLU03x	72 deg	Wide	94 %	0.660	BJB: 47.319.2021
CLL04x/CLU04x	71 deg	Wide	93 %	0.600	BJB: 47.319.2030
CLL03x/CLU03x	72 deg	Wide	94 %	0.640	A.A.G. STUCCHI: 8101/G2
CLL04x/CLU04x	72 deg	Wide	93 %	0.620	A.A.G. STUCCHI: 8102/G2
CLU730/731	sim: 70	Wide	sim: 90 %	sim: 0.766	BJB: 47.319.2030
CLU720/721	72 deg	Wide	94 %	0.640	A.A.G. STUCCHI: 8101/G2
CLU720/721	73 deg	Wide	94 %	0.650	BJB: 47.319.2021
CXA/B 30xx	71 deg	Wide	92 %	0.640	A.A.G. STUCCHI: 8404/G2
CXA/B 25xx	73 deg	Wide	93 %	0.630	A.A.G. STUCCHI: 8401/G2
CXA/B 25xx	72 deg	Wide	93 %	0.640	BJB: 47.319.2141
COB 10W/13W/17W/24W	73 deg	Wide	94 %	0.700	BJB: 47.319.2080
COB 10W/13W/17W/24W	73 deg	Wide	94 %	0.640	A.A.G. STUCCHI: 8600/G2
COB 40W/60W	72 deg	Wide	92 %	0.620	A.A.G. STUCCHI: 8102/G2
LUXEON K12	72 deg	Wide	94 %	0.700	BJB: 47.319.2070
LUXEON K16	72 deg	Wide	94 %	0.700	BJB: 47.319.2070
LUXEON CoB 1208	73 deg	Wide	94 %	0.630	A.A.G. STUCCHI: 8301/G2
LUXEON CoB 1204/1205	73 deg	Wide	94 %	0.640	A.A.G. STUCCHI: 8301/G2
LUXEON CoB 1211	71 deg	Wide	93 %	0.640	A.A.G. STUCCHI: 8102/G2
LUXEON CoB 1211	72 deg	Wide	93 %	0.630	BJB: 47.319.2030
LUXEON CoB 1216	72 deg	Wide	93 %	0.630	BJB: 47.319.2030
CXM-22	72 deg	Wide	93 %	0.600	BJB: 47.319.2030
CXM-14	72 deg	Wide	94 %	0.640	BJB: 47.319.2021
Soleriq E30	71 deg	Wide	93 %	0.640	BJB: 47.319.2090

OPTICAL PROPERTIES

LED	Viewing Angle	Light Beam	Efficiency	cd/lm	Connector
Soleriq S19	72 deg	Wide	94 %	0.640	BJB: 47.319.2170
Soleriq S19	72 deg	Wide	93 %	0.640	A.A.G. STUCCHI: 8503/G2
Soleriq P13	73 deg	Wide	94 %	0.640	A.A.G. STUCCHI: 8502/G2
Soleriq S13 Gen2	73 deg	Wide	93 %	0.630	BJB: 47.319.2021
Soleriq S15	sim: 72	Wide	sim: 86 %	sim: 0.610	BJB: 47.319.2021
COB D Series LES 22 mm	sim: 71	Wide	sim: 85 %	sim: 0.640	BJB: 47.319.2030
COB D Series LES 14.5 mm	73 deg	Wide	93 %	0.640	A.A.G. STUCCHI: 8101/G2
ZC12/18	72 deg	Wide	93 %	0.660	A.A.G. STUCCHI: 8101/G2
ZC25/40	71 deg	Wide	93 %	0.640	A.A.G. STUCCHI: 8102/G2
Mega Zenigata (GW6DME)	72 deg	Wide	94 %	0.700	BJB: 47.319.2011
Mega Zenigata (GW6DME)	73 deg	Wide	94 %	0.640	A.A.G. STUCCHI: 8301/G2
STARK SLE PURE G3 LES17	73 deg	Wide	93 %	0.640	A.A.G. STUCCHI: 8101/G2
SLE G4 LES23 H	71 deg	Wide	93 %	0.640	-
SLE G4 LES19 H	71 deg	Wide	93 %	0.650	-
SLE G5 LES15	73 deg	Wide	94 %	0.650	BJB: 47.319.2021
SLE G5 LES19 H	71 deg	Wide	93 %	0.650	-
SLE G5 LES23 H	71 deg	Wide	93 %	0.650	-

D

C

B

A

4

4

LED position

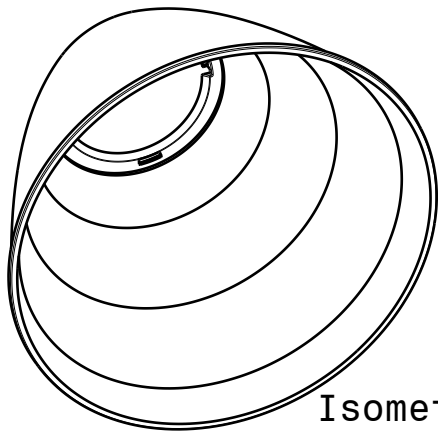
Ø 119.5

Ø 39

Bottom view
Scale: 1:2

3

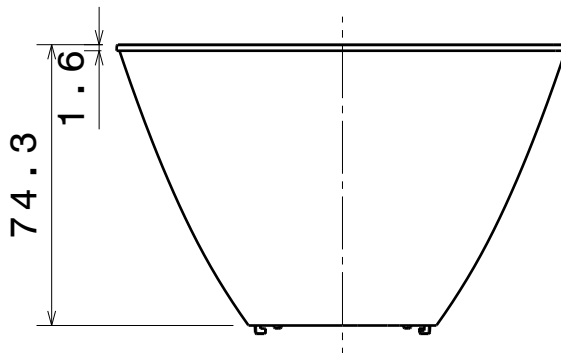
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Isometric view
Scale: 1:2

2

2



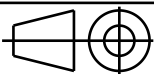
Front view
Scale: 1:2

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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reproduced, copied or
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agreement with LEDiL Oy."

SIZE PART NUMBER

A4

-

SCALE 1:2 WEIGHT

-

SHEET 1/1

D

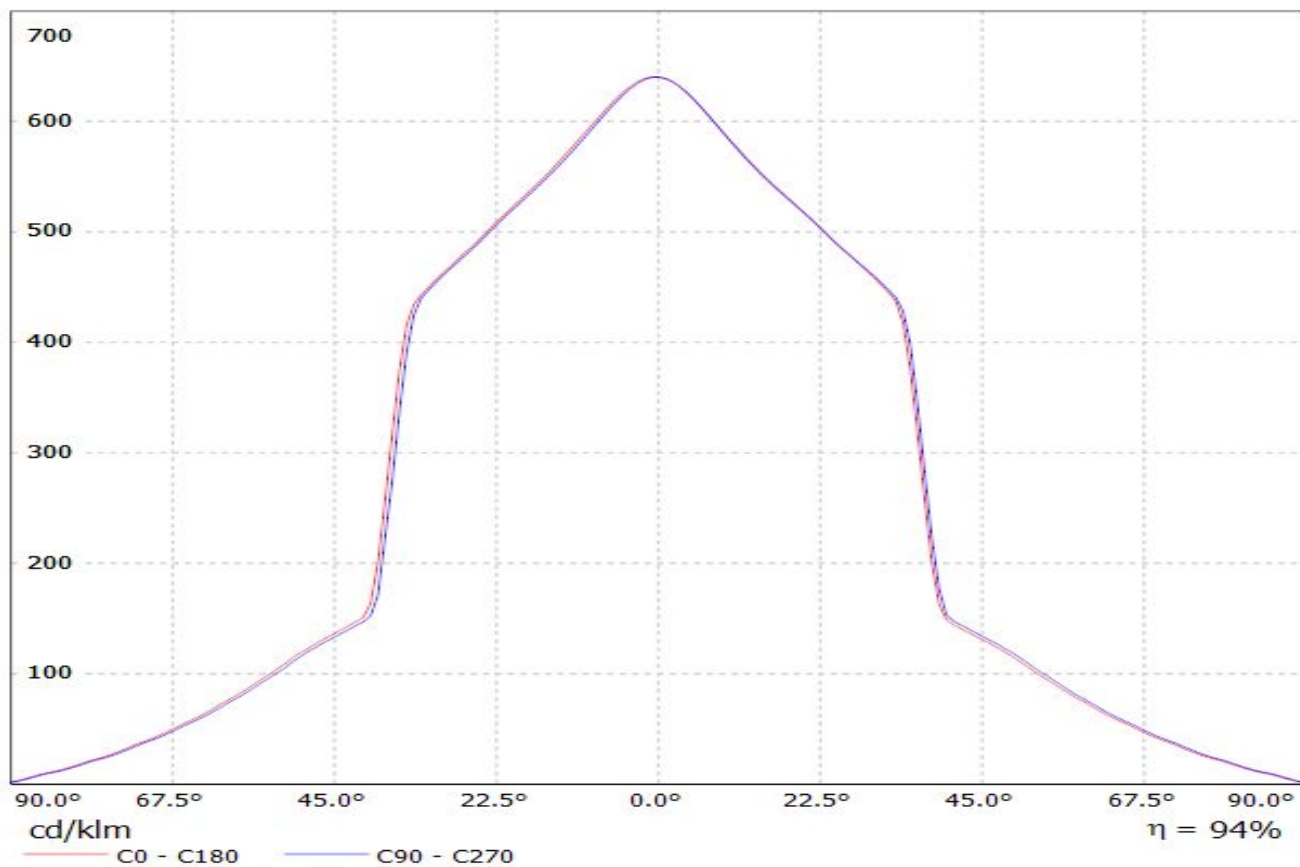
A

1

1

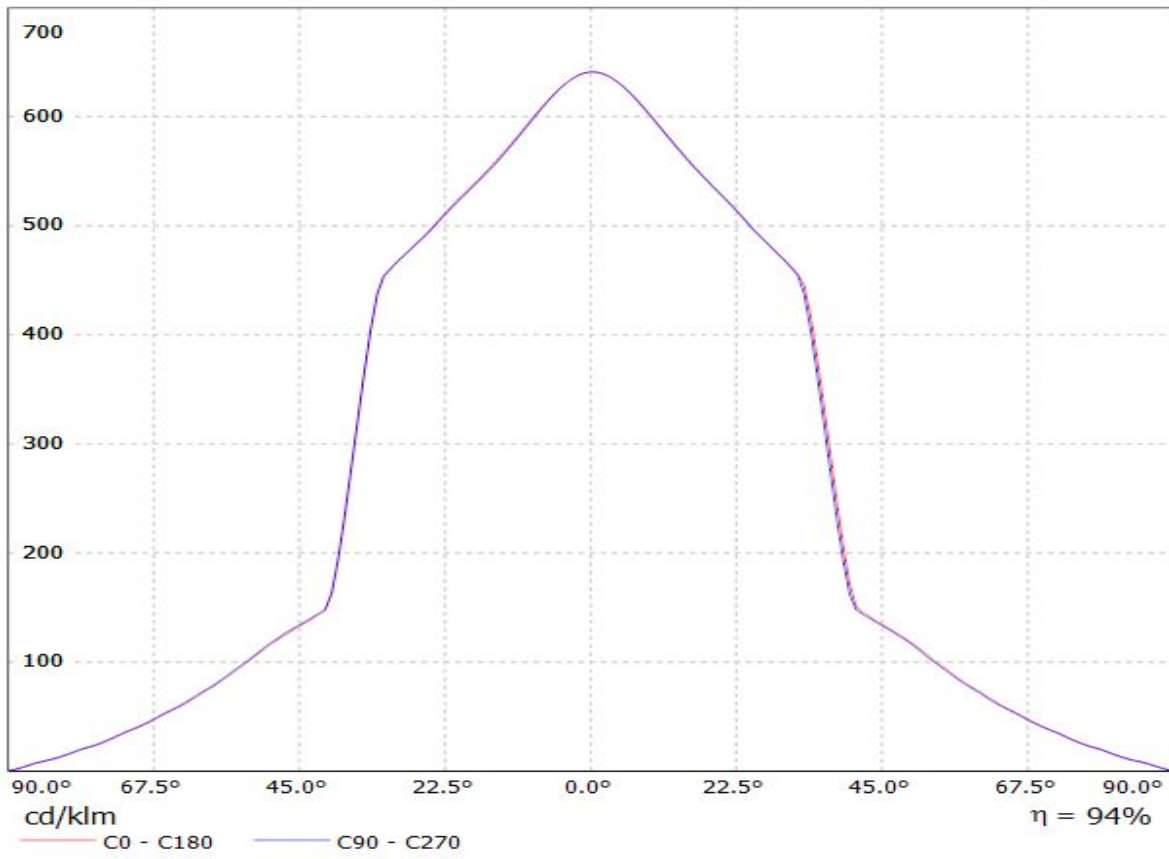
Luminaire: LEDiL Oy F13841_ANGELA-XW-B_(BXRA_ES)

Lamps: 1 x BXRA_ES_(W1203-102820-3110)_290.027lm@250mA_P=4.09661W_I=249.9mA



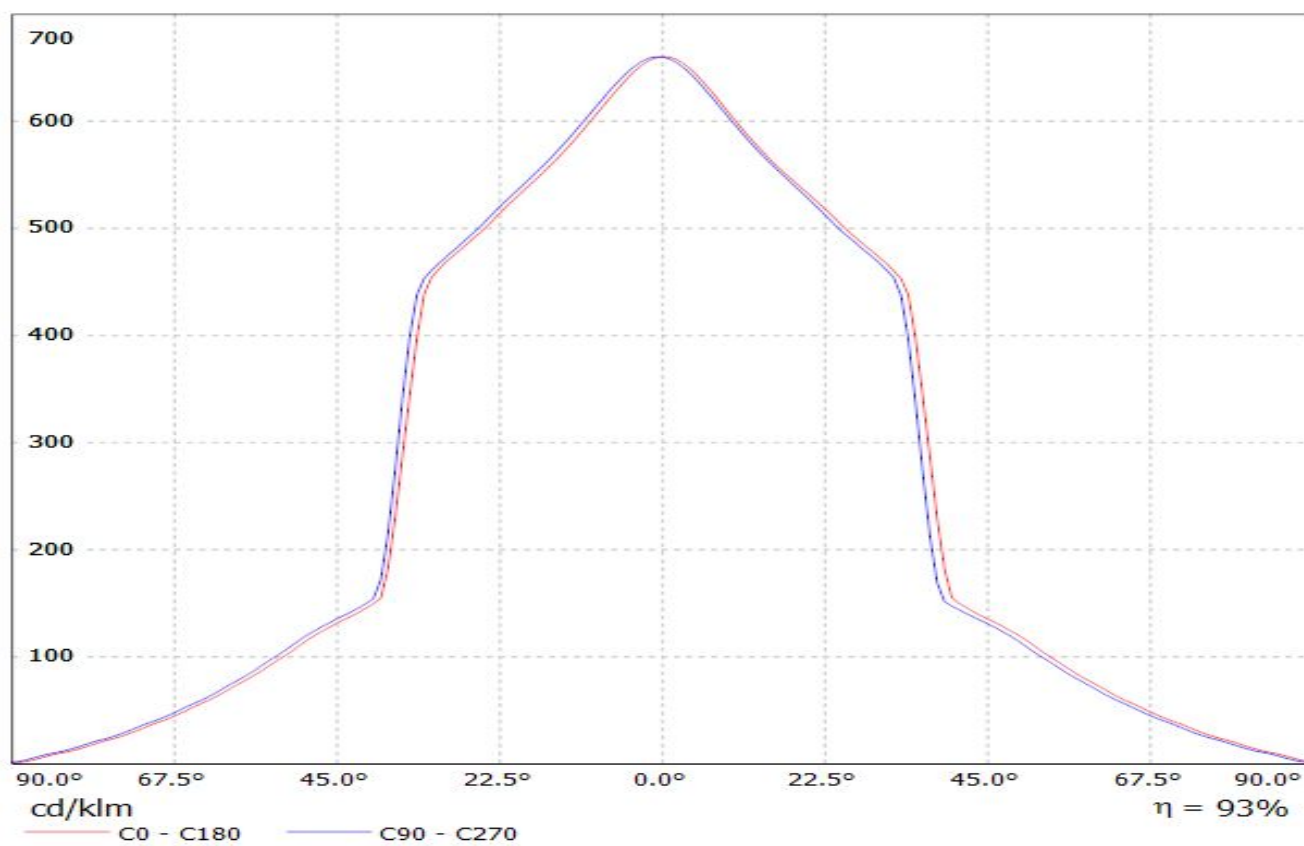
Luminaire: LEDiL Oy F13841_ANGELA-XW-B_(V18_Gen7)+BJB

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

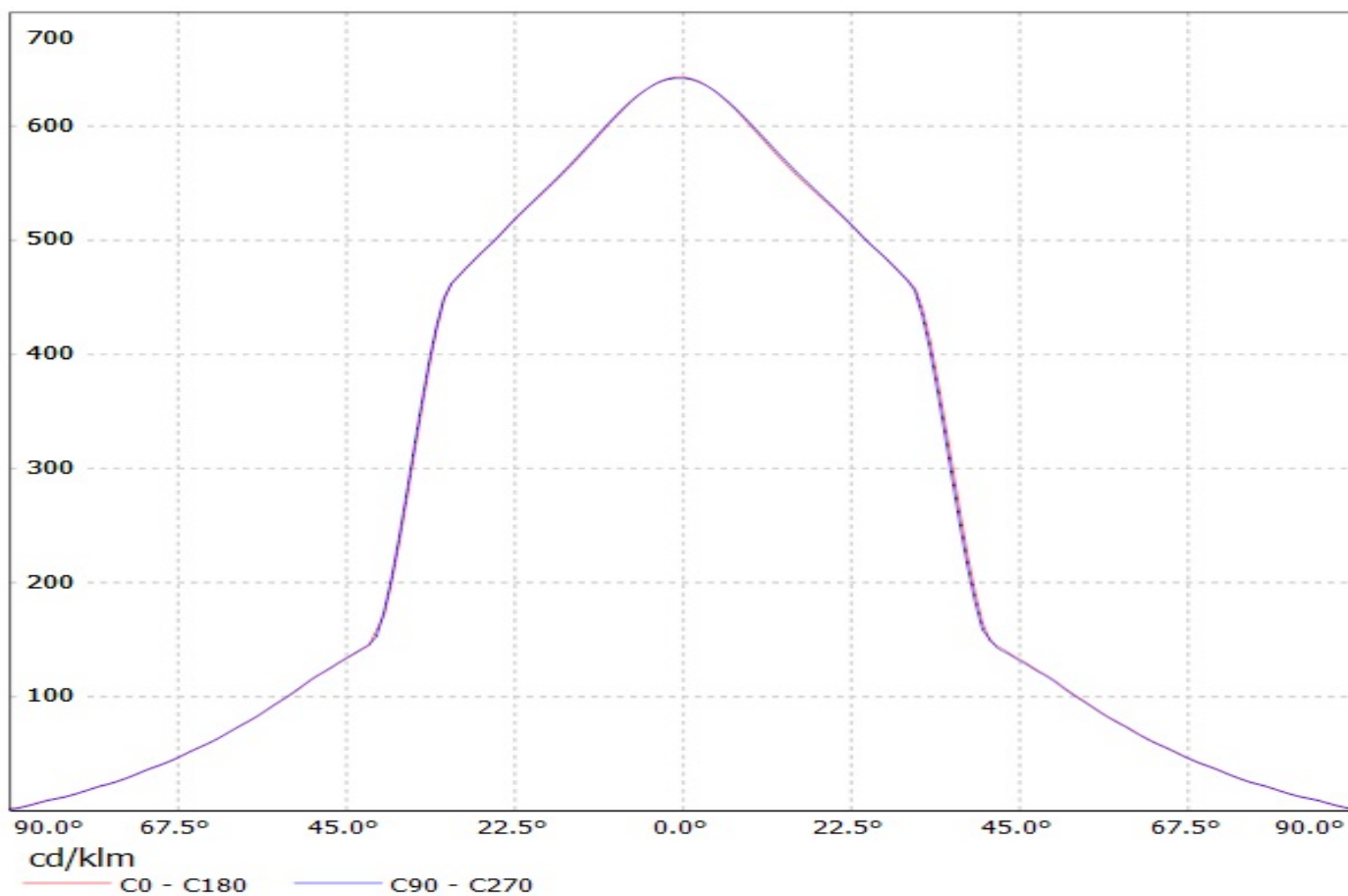


Luminaire: LEDiL Oy F13841_ANGELA-XW-B_(CLL030)

Lamps: 1 x CITIZEN_CLL030_(CLL030-1206A1303M1A2)_1041.7lm@250mA_P=8.45787W_I=249.9mA

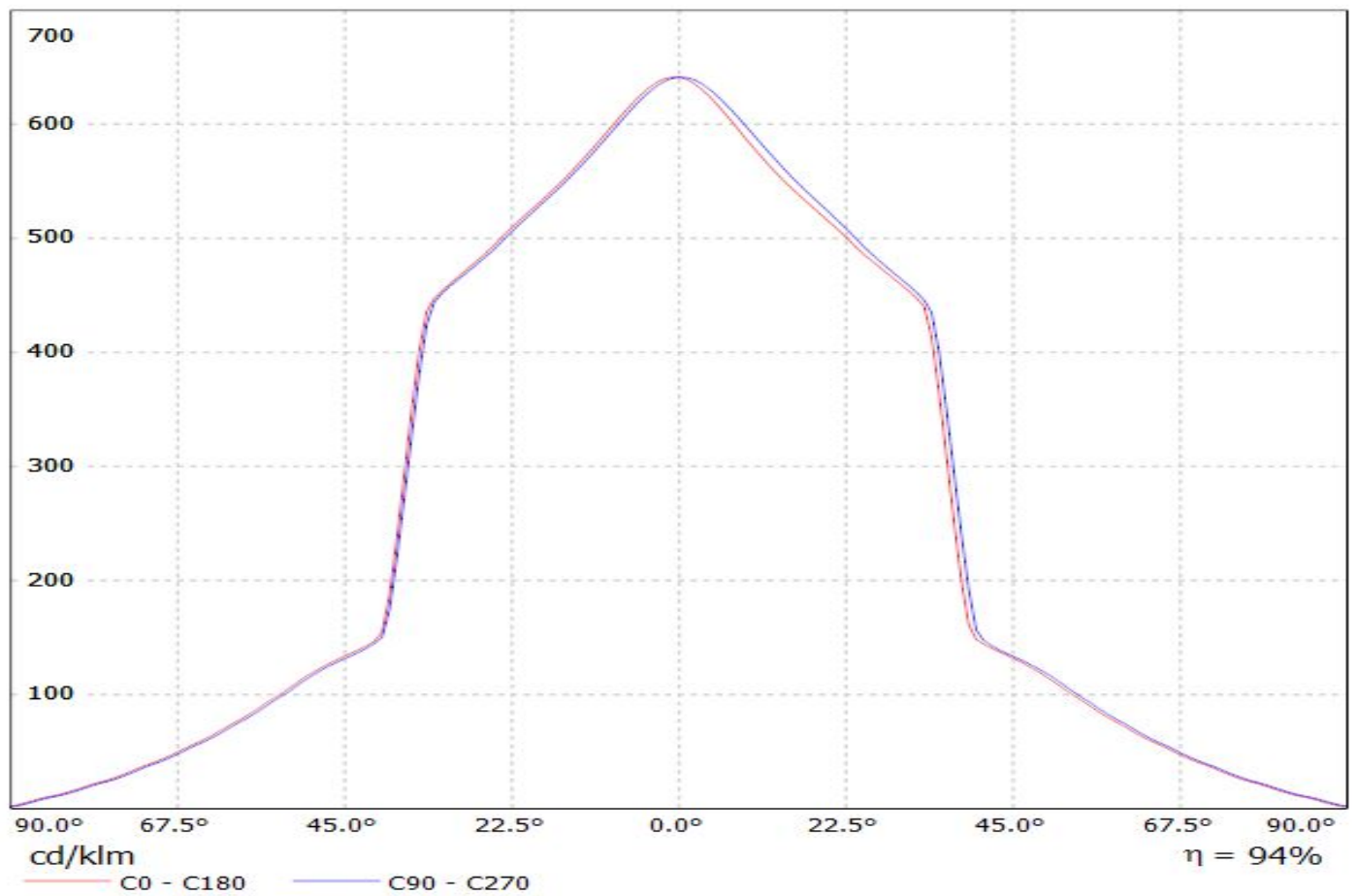


Luminaire: LEDiL Oy F13841_ANGELA-XW-B_(CLL042) Eff: 93%
Lamps: 1 x Citizen_CLL042_(CLL042-1218A5-303H3-D2)_941.891lm@250mA_P=8.05555W_I=0.2498A



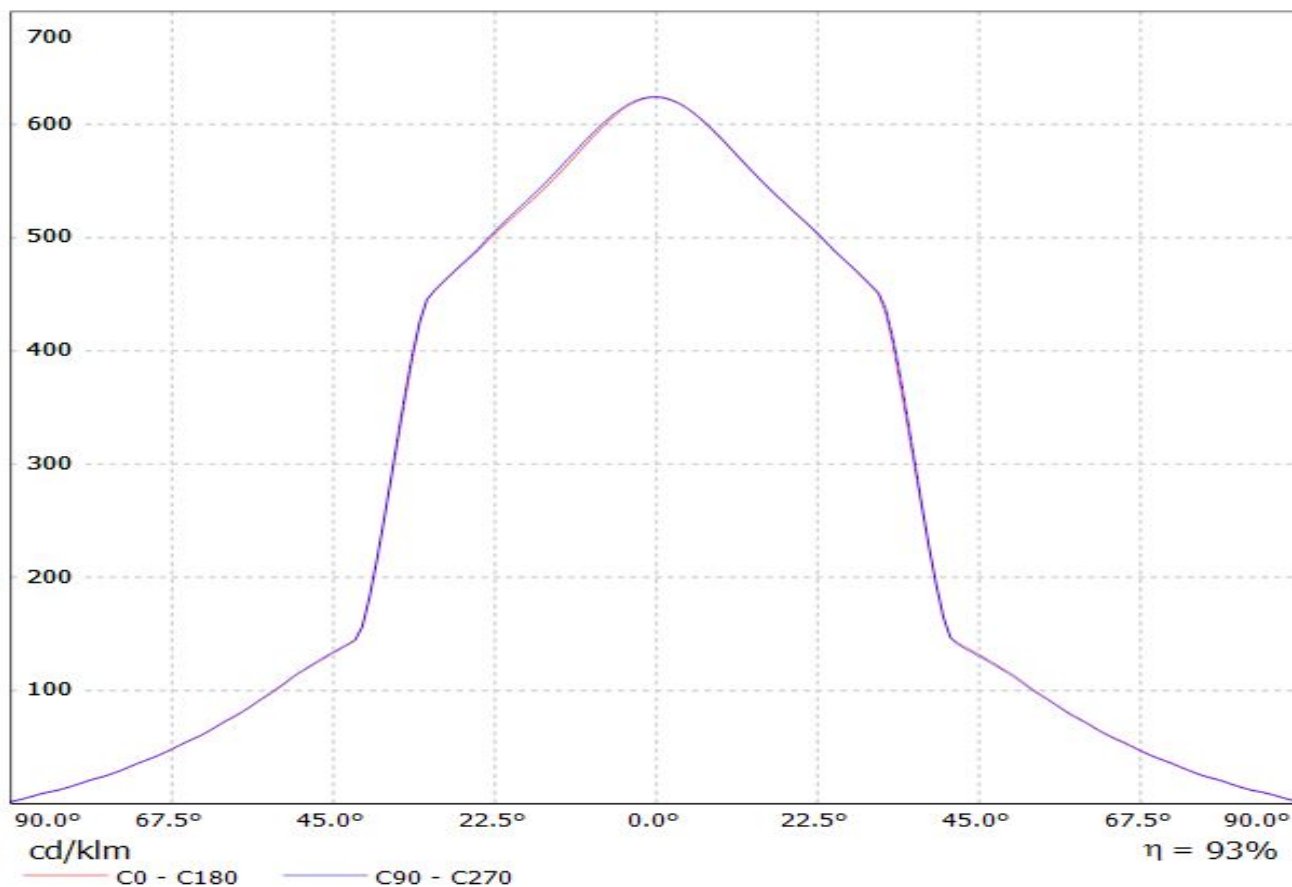
Luminaire: LEDiL Oy F13841_ANGELA-XW-B_(CLU034)

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



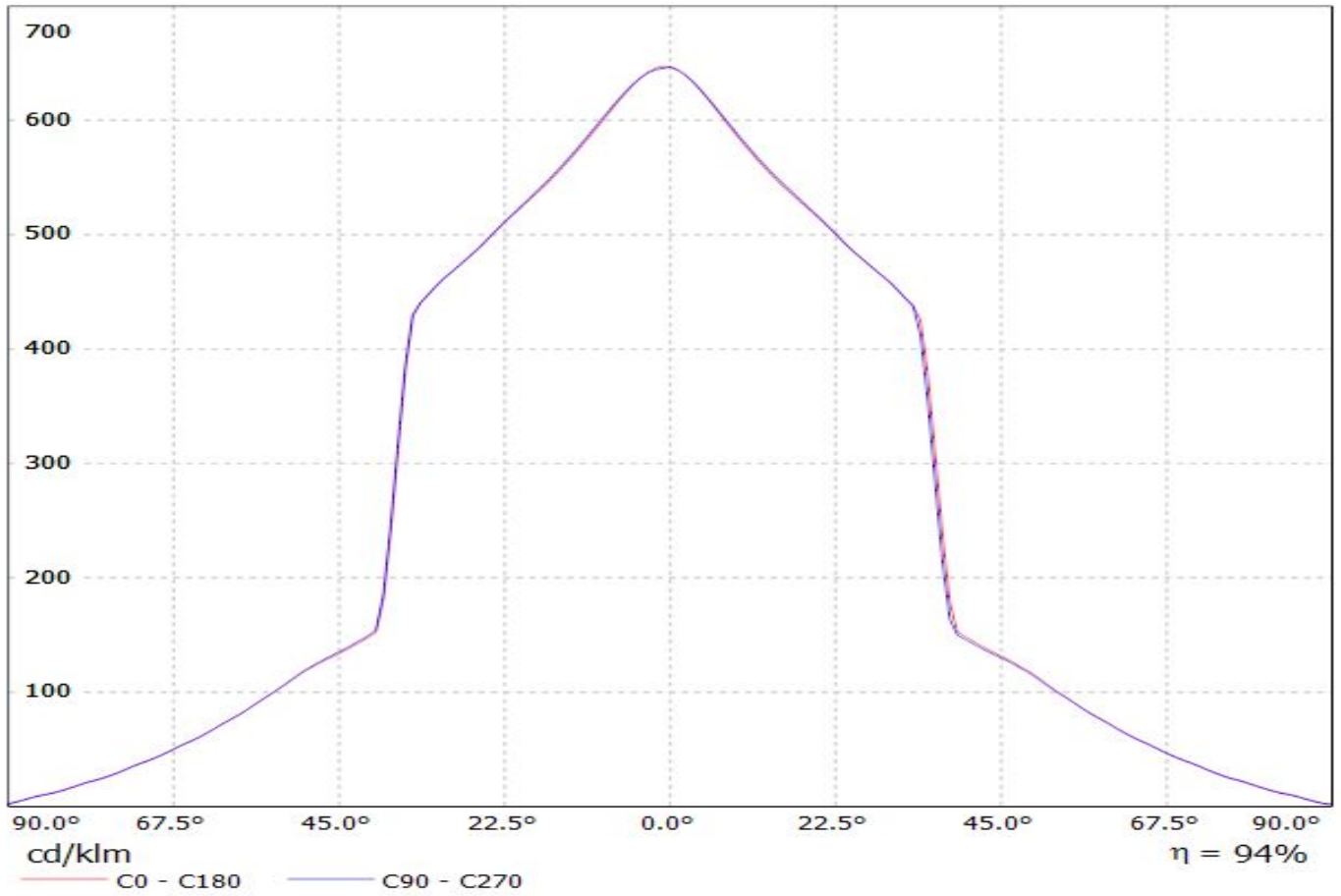
Luminaire: LEDiL Oy F13841_ANGELA-XW-B_(CLU044)

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



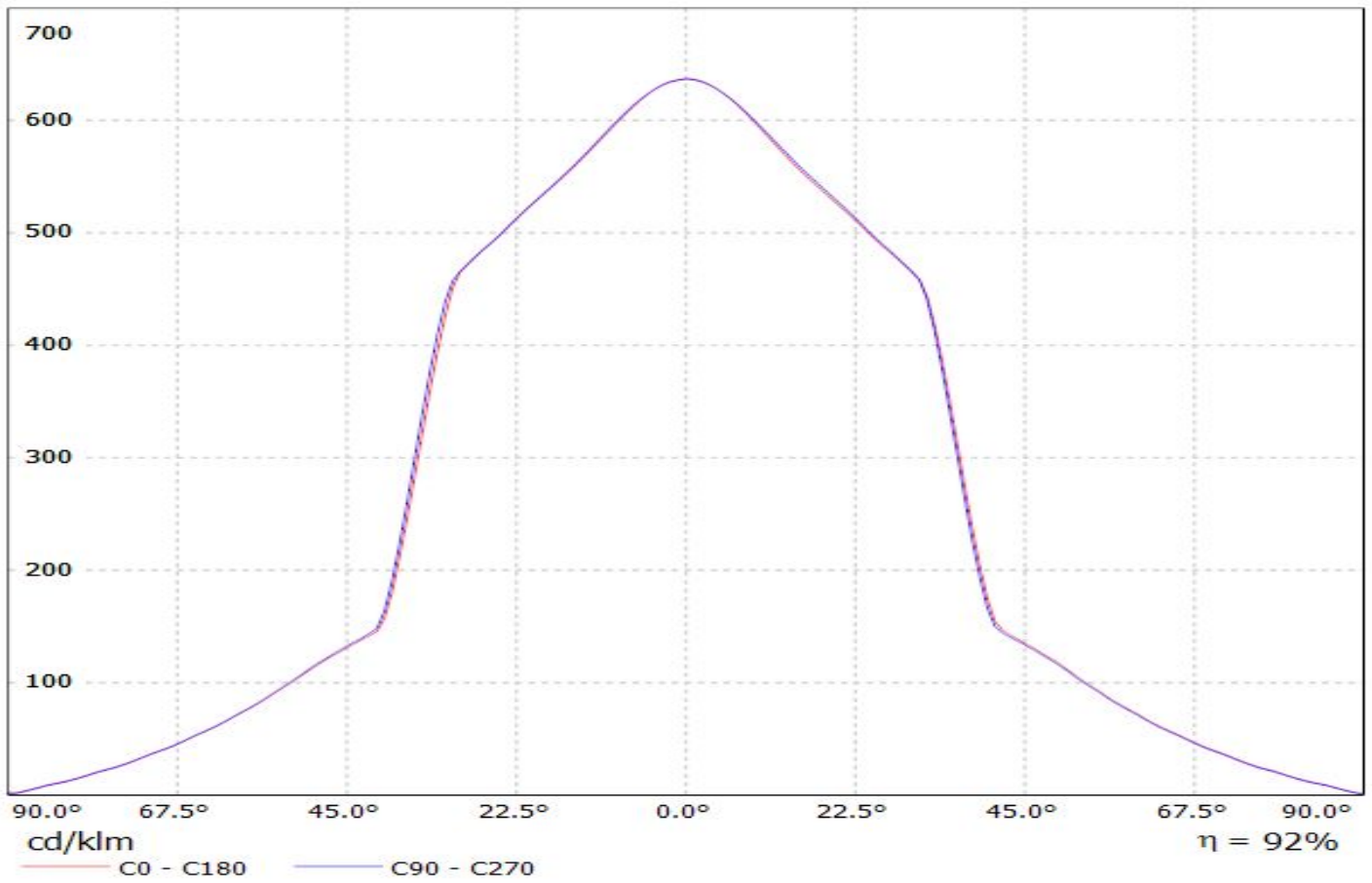
Luminaire: LEDiL Oy F13841_ANGELA-XW-B_(CITIZEN_CLU720)

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

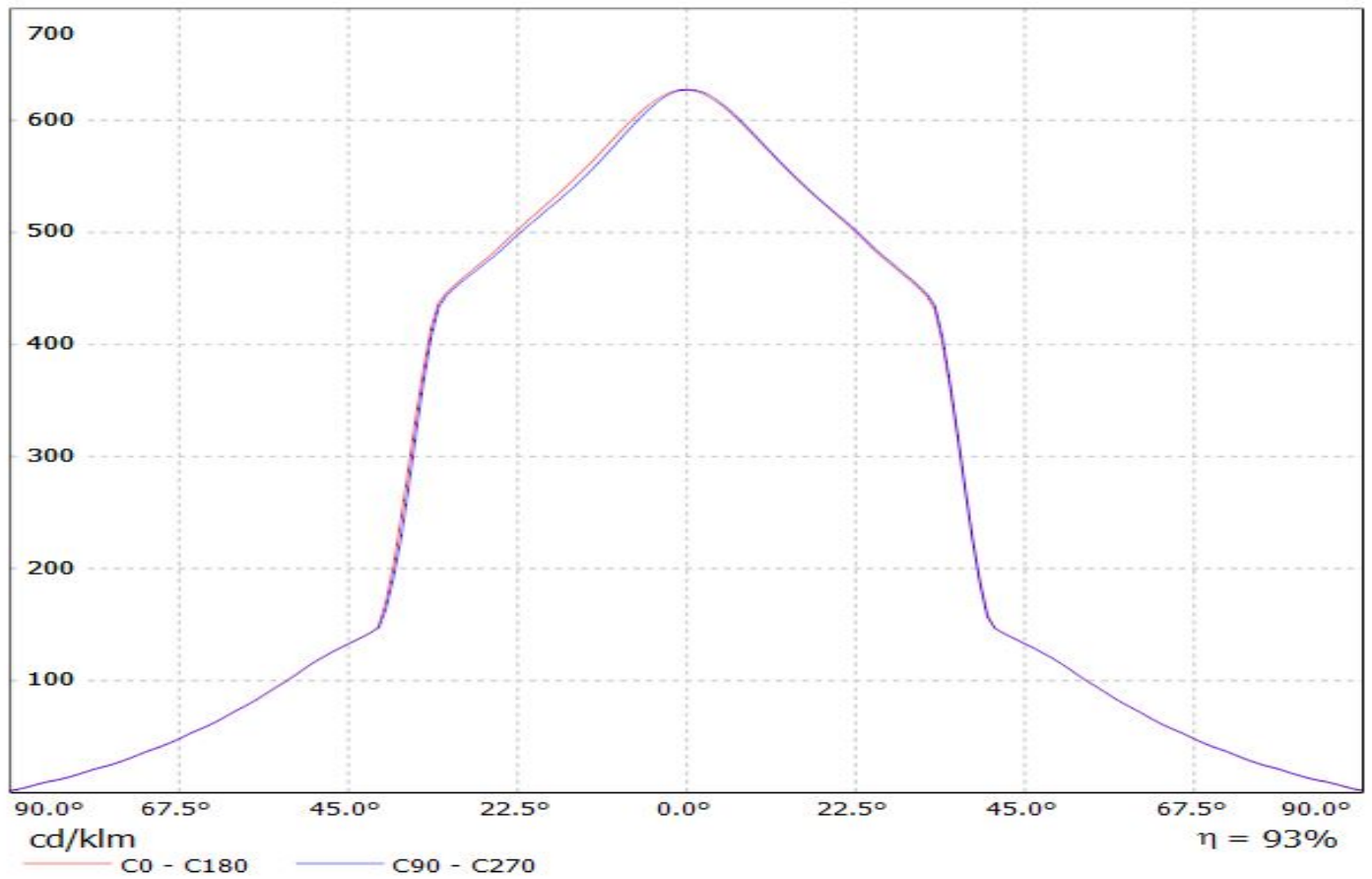


Luminaire: LEDiL Oy F13841_ANGELA-XW-B_(CXA30)

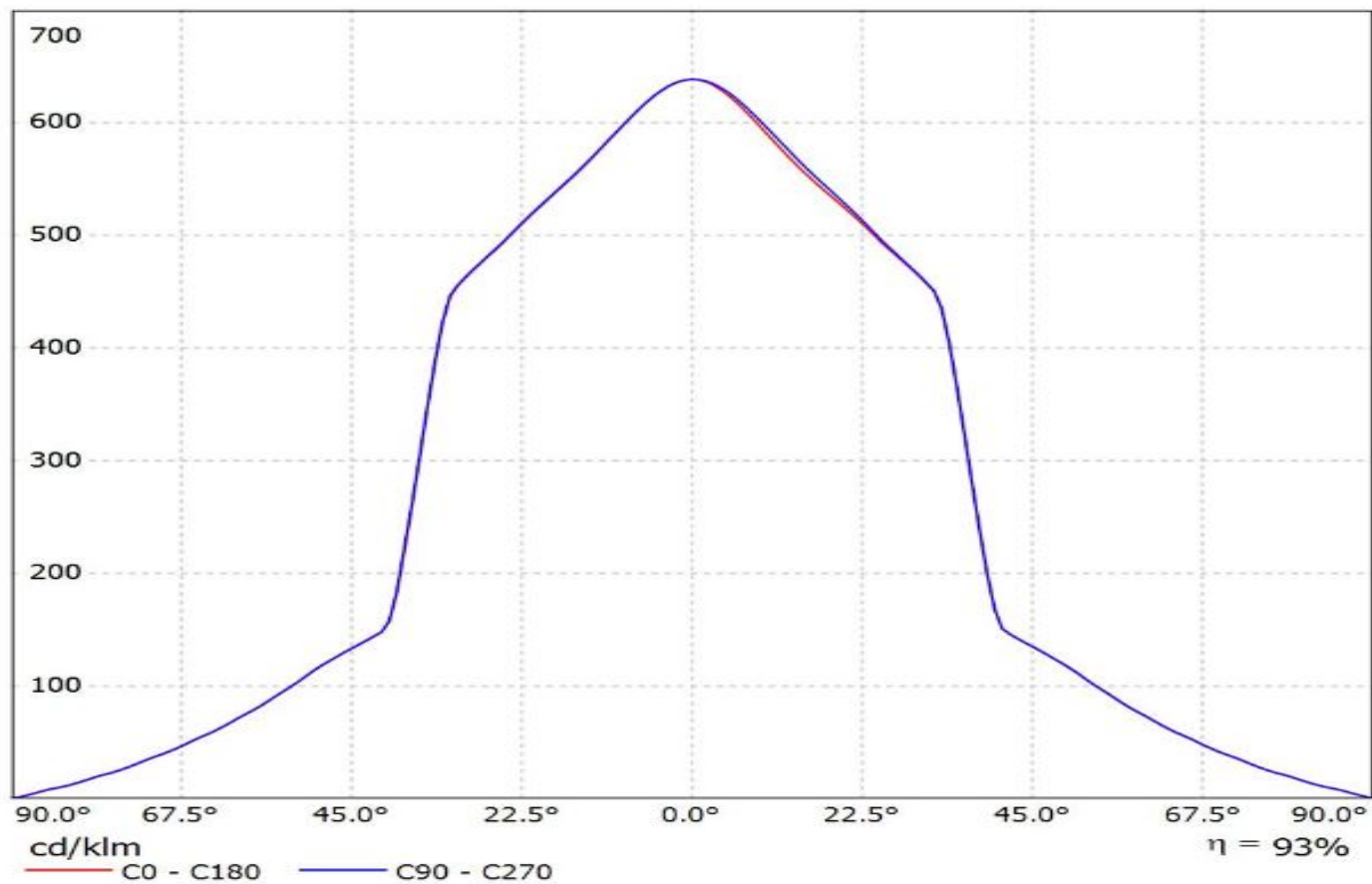
Lamps: 1 x Cree_CXA30_(CXA3050-3C0-Y2-N0H)_1395.36lm@250mA_P=8.20318W_I=249.8mA



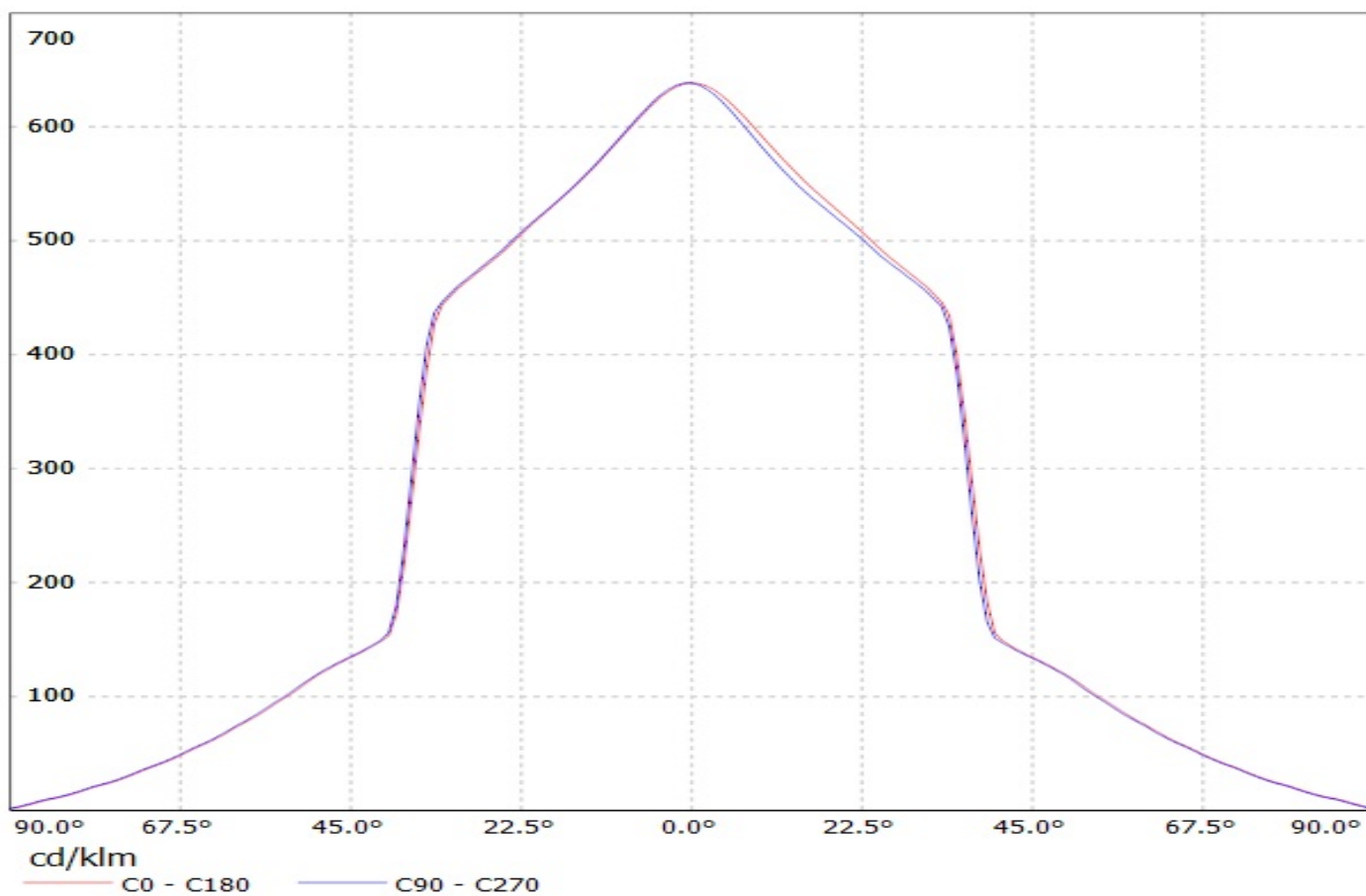
Luminaire: LEDiL Oy F13841_ANGELA-XW-B_(CXA2590)
Lamps: 1 x CREE_CXA2590_(CXA2590-30F-Z4-RPH-00001)
_837.275lm@100mA_CCT=3000K_P=6.36316W_I=100.1mA



Luminaire: Ledil F13841_ANGELA-XW-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

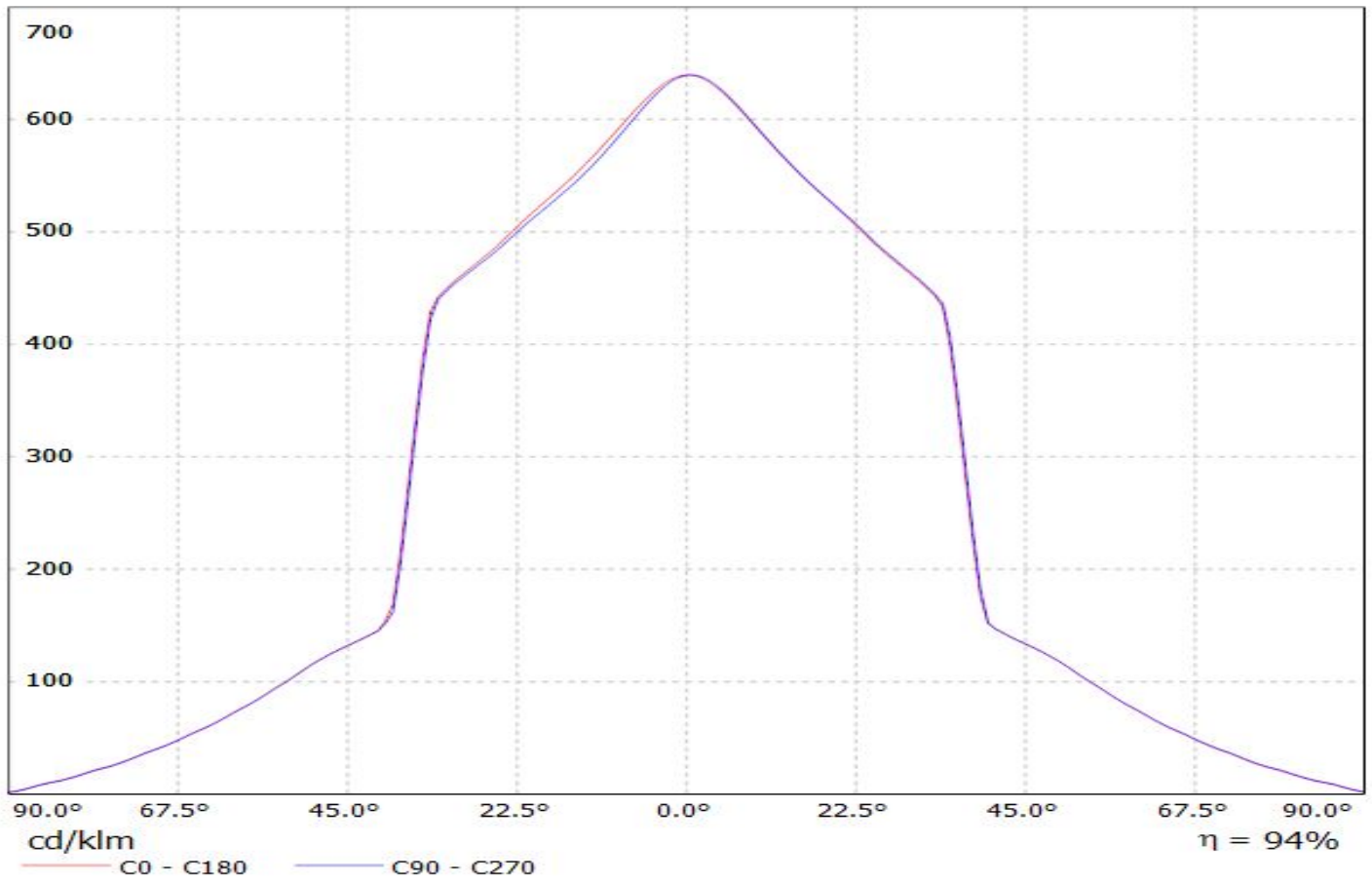


Luminaire: LEDiL Oy F13841_ANGELA-XW-B_(CoB_10W) Eff. 94%
Lamps: 1 x LG_CoB_10W_1065.04lm@250mA_P=9.11245W_I=249.8mA



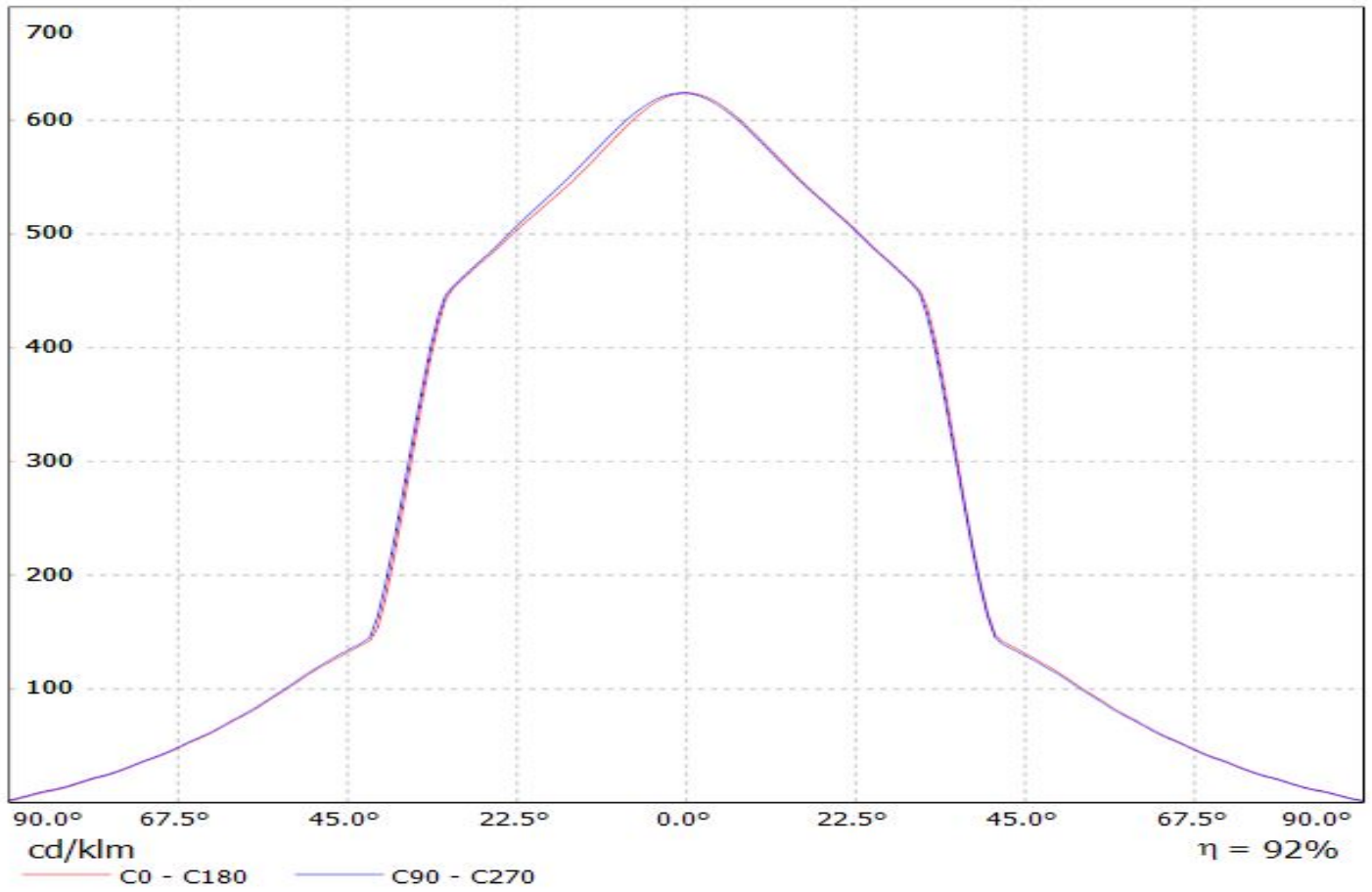
Luminaire: LEDiL Oy F13841_ANGELA-XW-B_(LG_COB_10W)

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

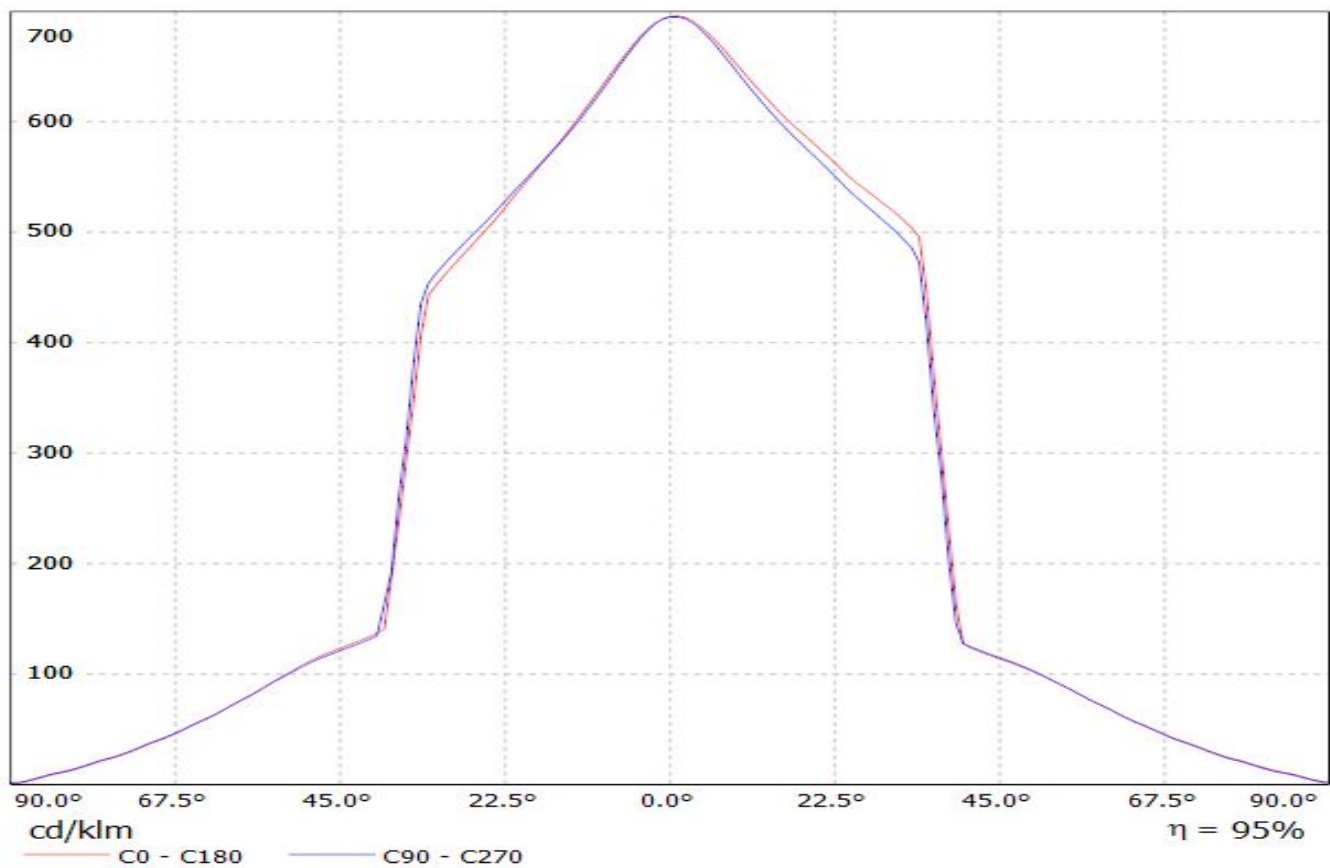


Luminaire: LEDiL Oy F13841_ANGELA-XW-B_(COB_40W)

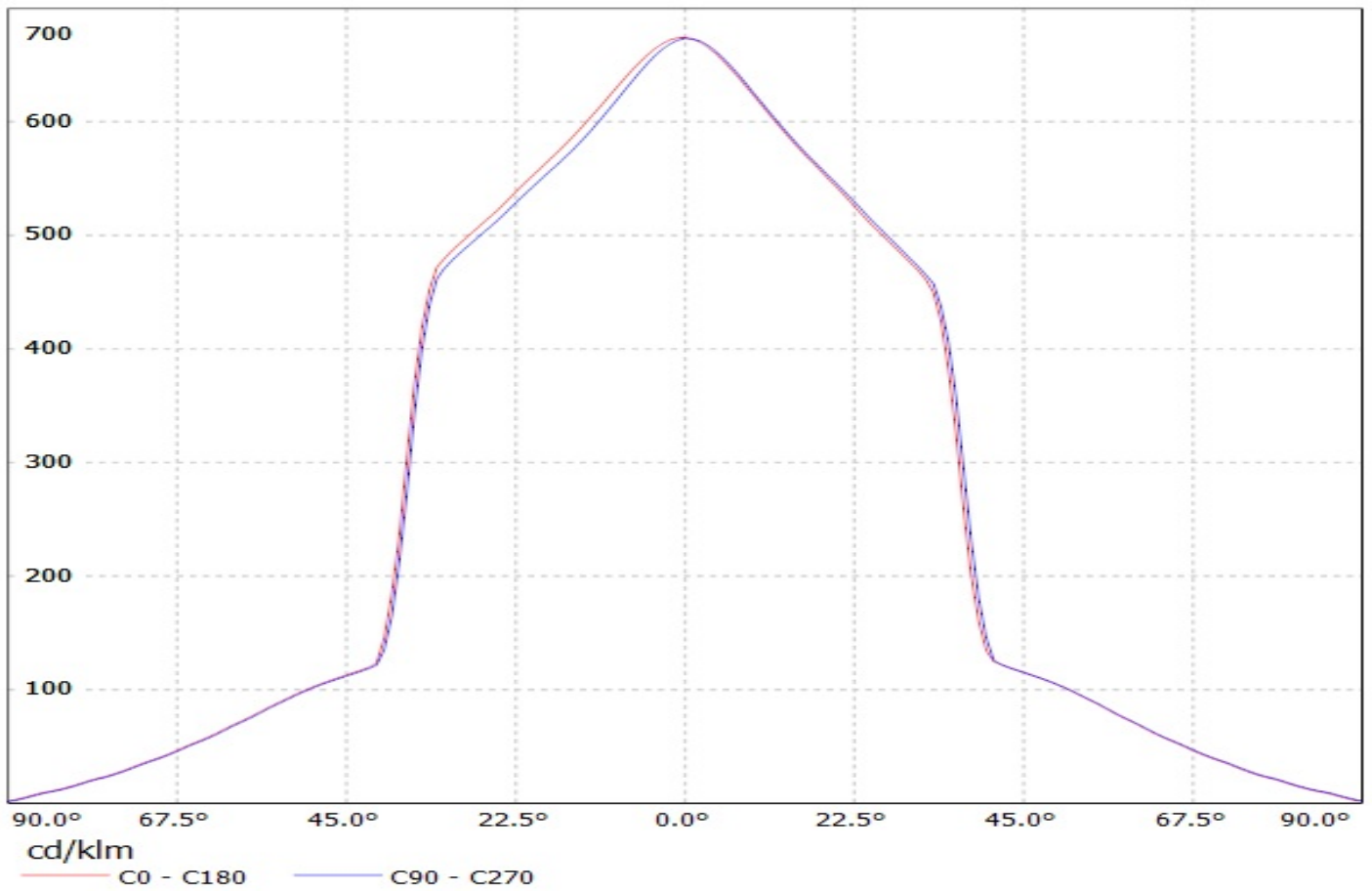
Lamps: 1 x LG_COB_40W_1163.31lm@250mA_CCT=3000K_P=8.04906W_I=249.8mA



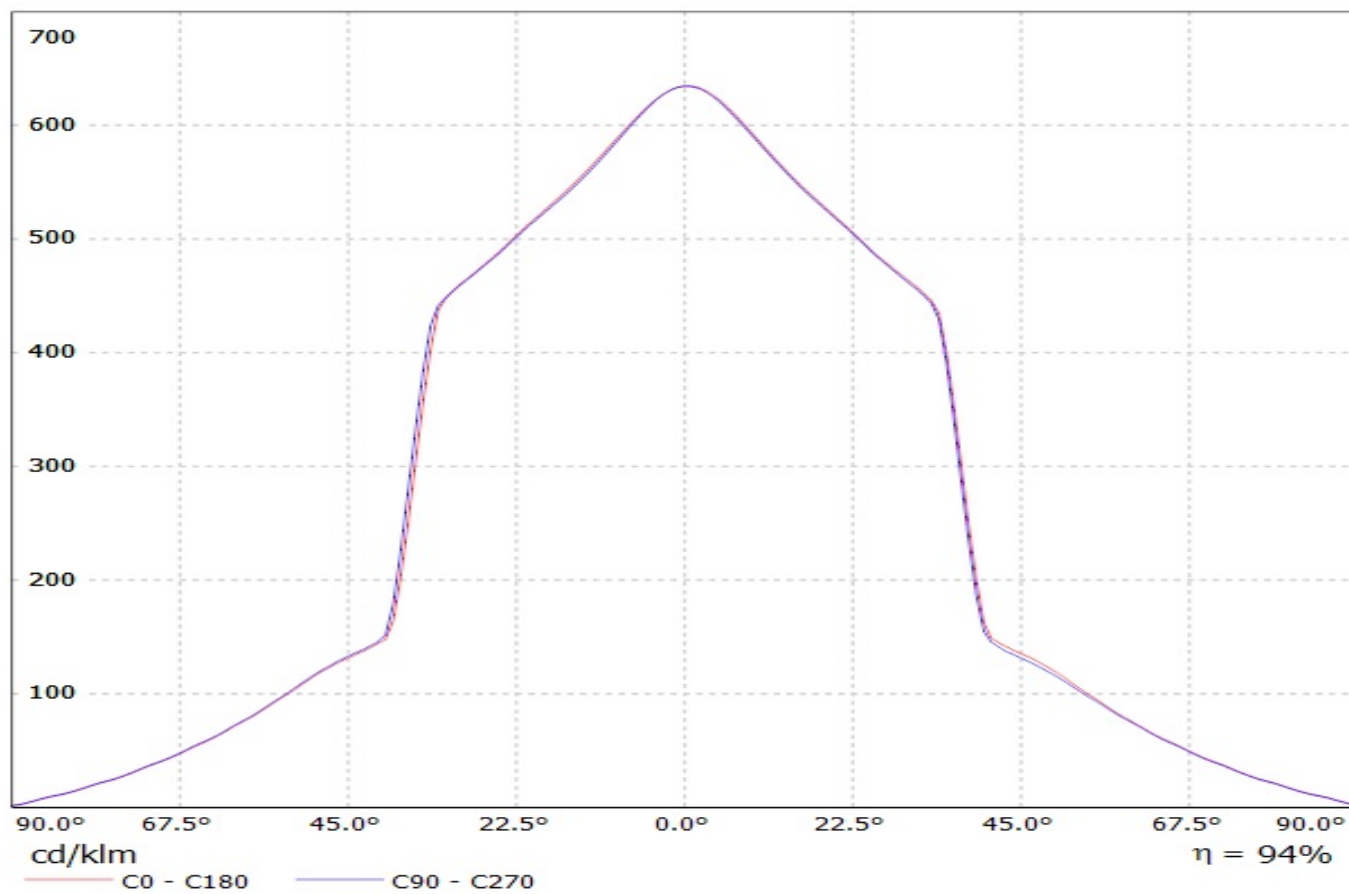
Luminaire: LEDiL Oy F13841_ANGELA-XW-B_(K12)
Lamps: 1 x Luxeon_K12_927.122lm@250mA_P=8.20472W_I=249.9mA



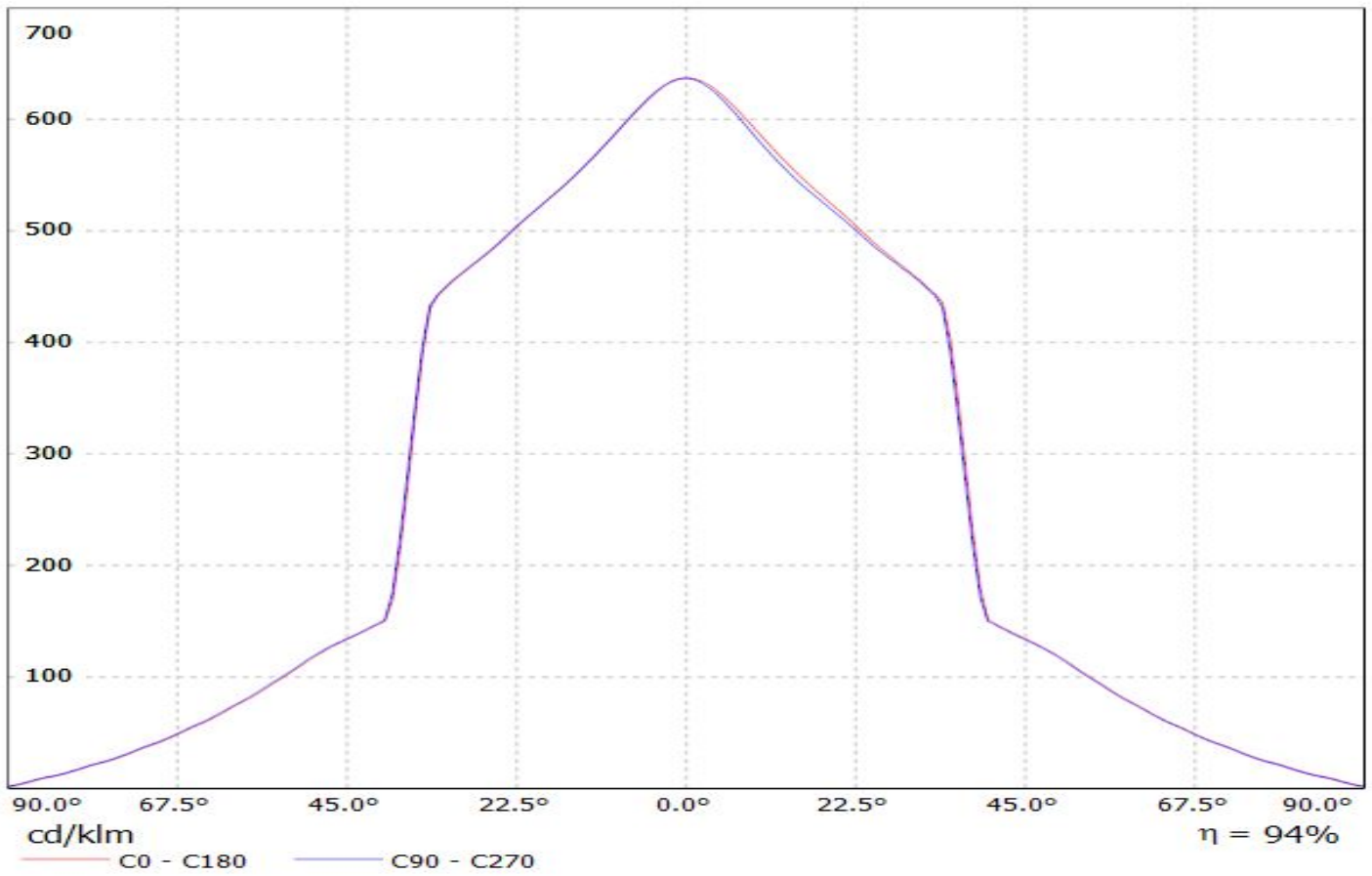
Luminaire: LEDiL Oy F13841_ANGELA-XW-B_(Luxeon_K16) Eff: 94%
Lamps: 1 x Luxeon_K16+(BJB_47.319.2070)_1221.7lm@250mA_P=10.948W_I=249.8mA



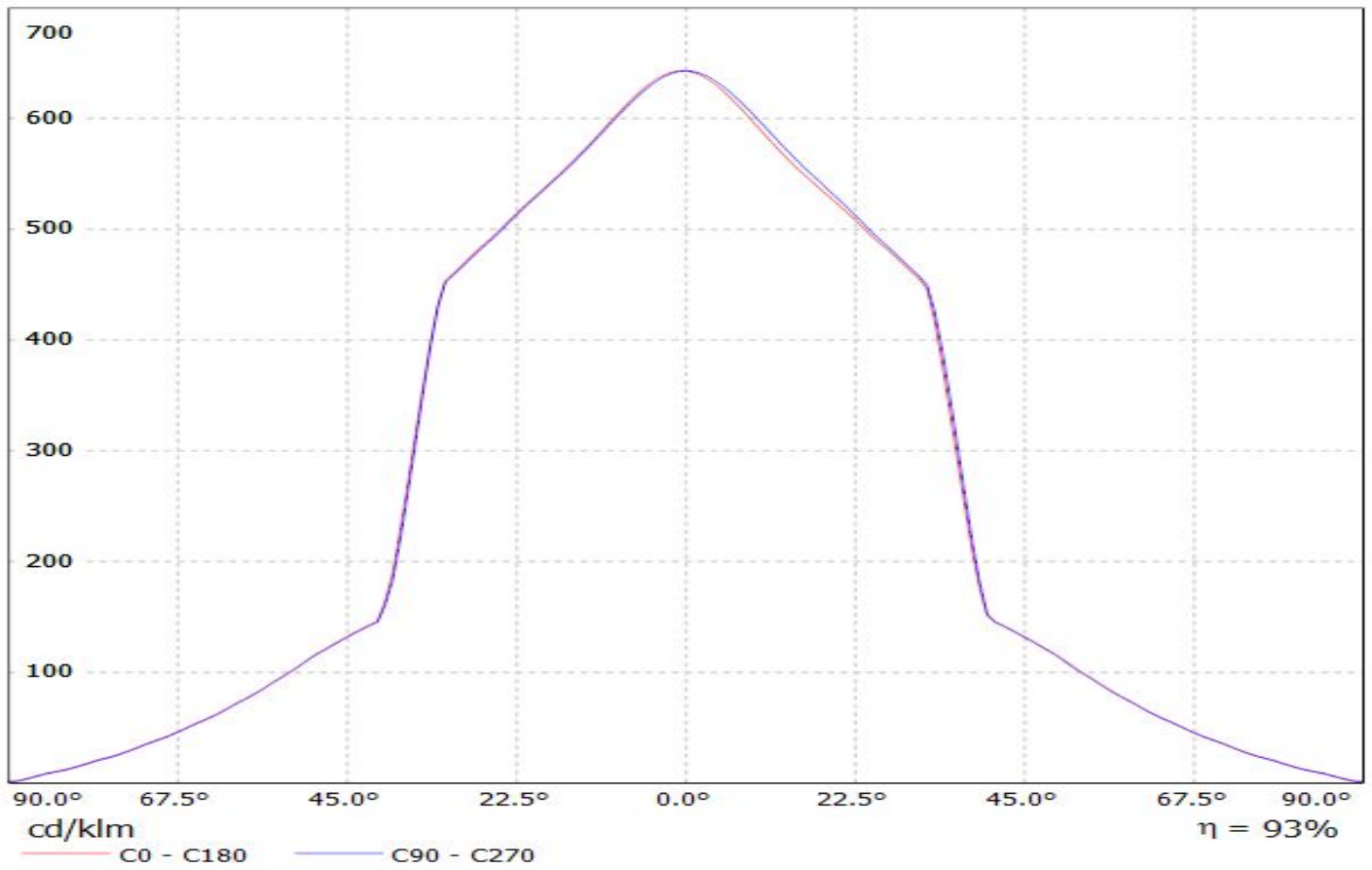
Luminaire: LEDiL Oy F13841_ANGELA-XW-B_(Luxeon_CoB_1208)
Lamps: 1 x Luxeon_CoB_1208_1045.92lm@250mA_P=8.25314W_I=249.8mA



Luminaire: LEDiL Oy F13841_ANGELA-XW-B (Luxeon_CoB_1205)
Lamps: 1 x LUXEON_COB_1205 (LHC1-3080-1205)
_1115lm@250mA_CCT=3000K_P=11.183W_I=249.8mA

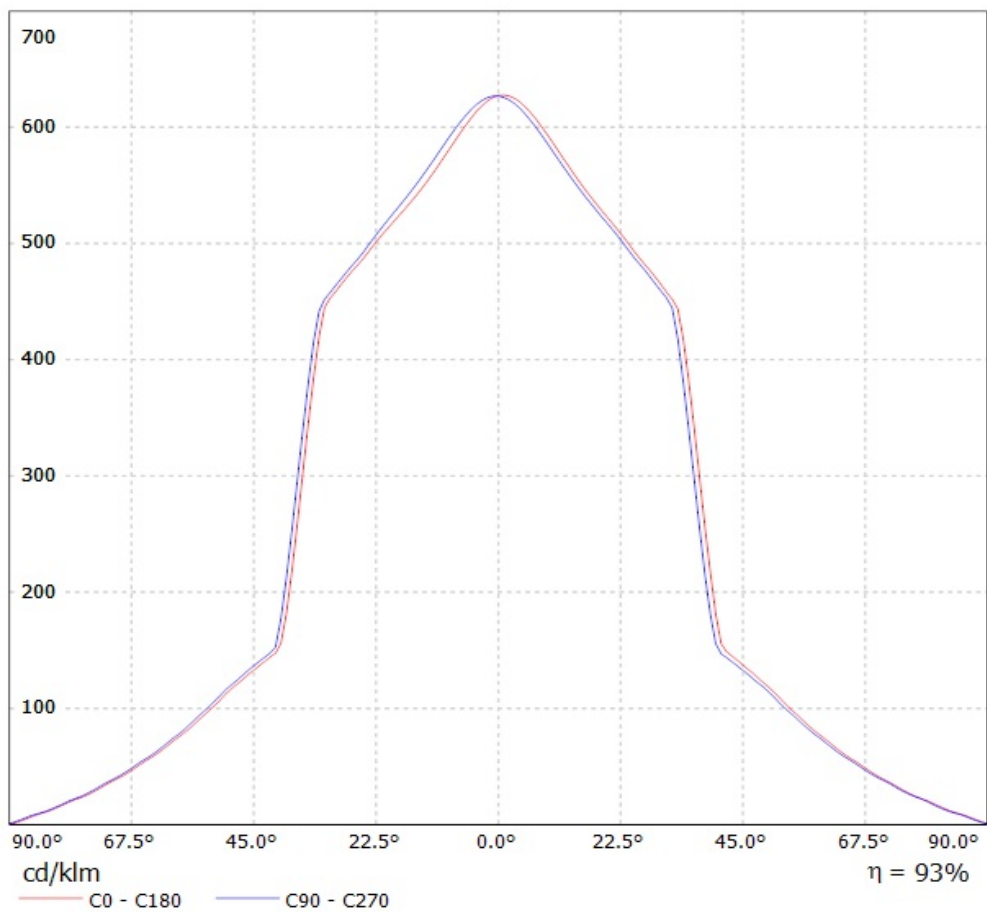


Luminaire: LEDiL Oy F13841_ANGELA-XW-B_(Luxeon_CoB_1211)
Lamps: 1 x LUXEON_COB_1211_(LHC1-2790-1211)
_923.583lm@250mA_CCT=2700K_P=8.00909W_I=249.8mA



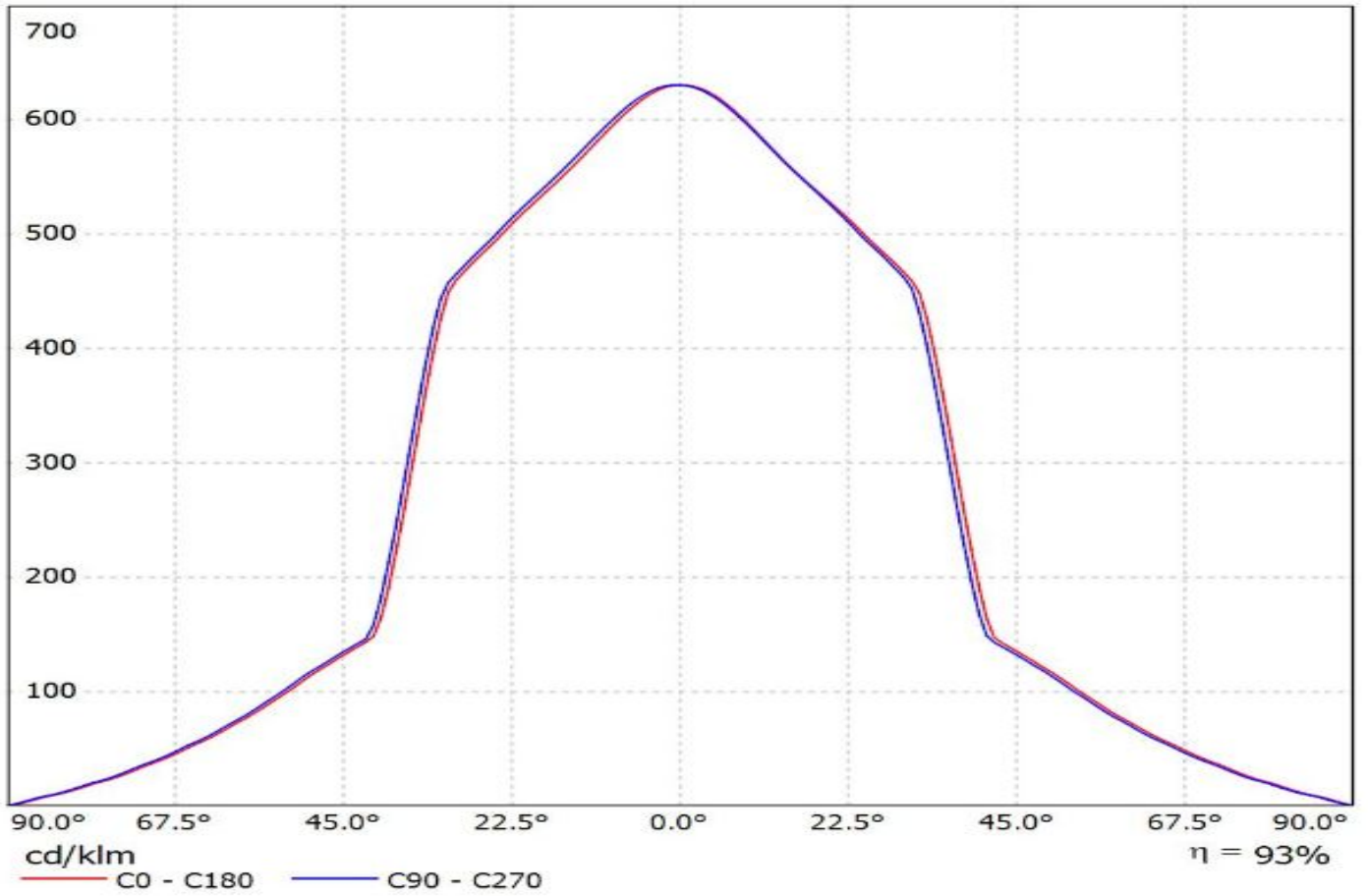
Luminaire: LEDiL Oy F13841_ANGELA-XW-B_(Luxeon_CoB_1211)_(BJB2030)

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

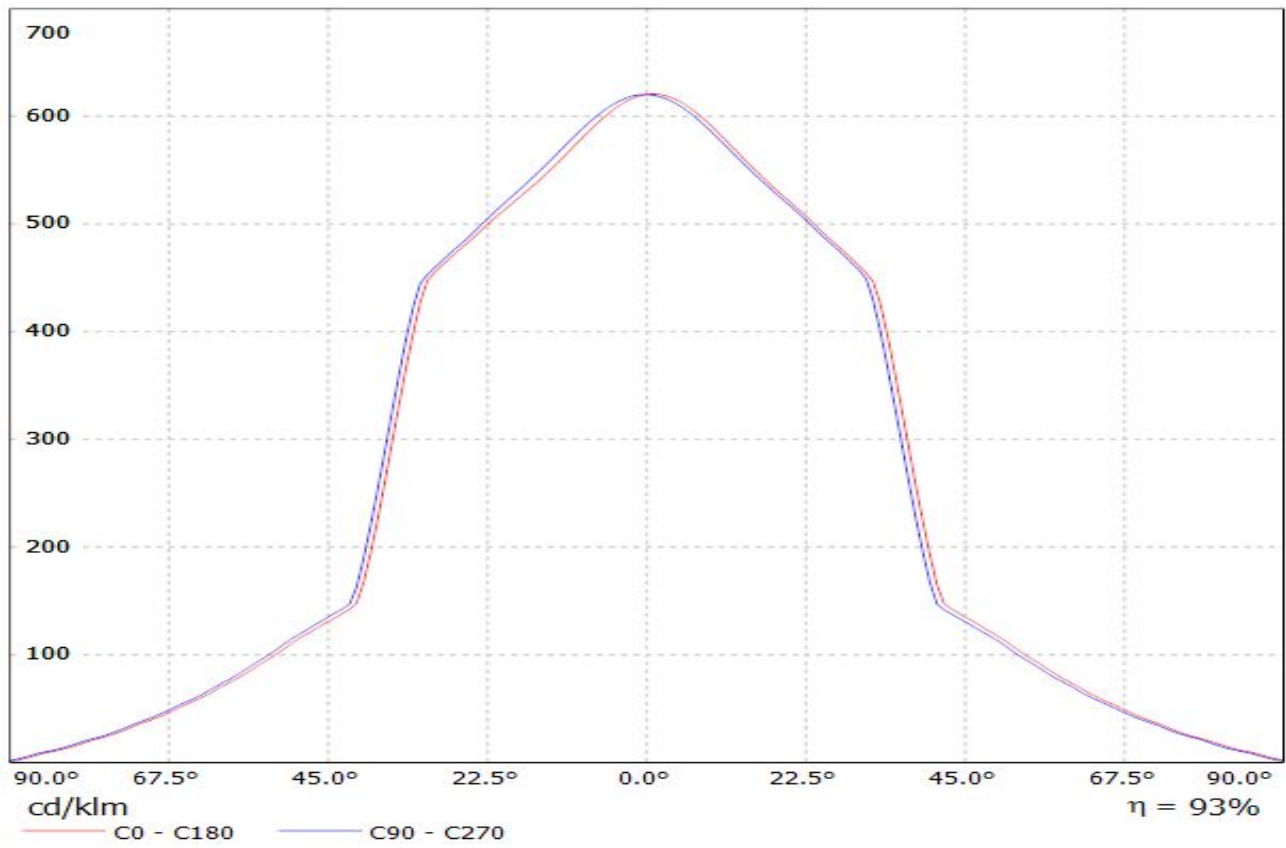


Luminaire: Ledil F13841_ANGELA-XW-B_(CoB_1216)

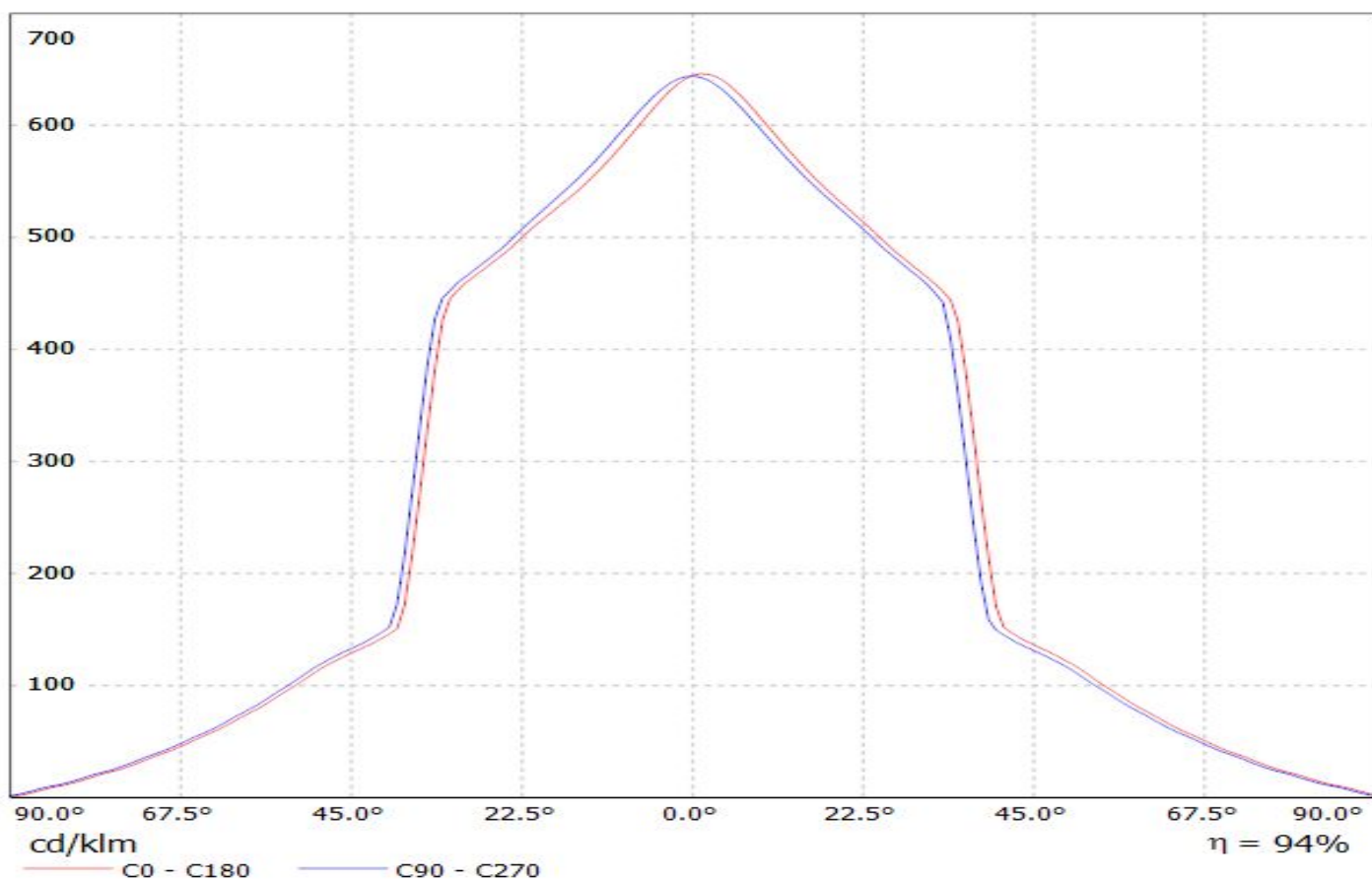
Lamps: 1 x Luxeon_CoB_1216_(L2C2-40801216E2300)_1478.53lm@250mA_P=8.0068W_I=0.25A



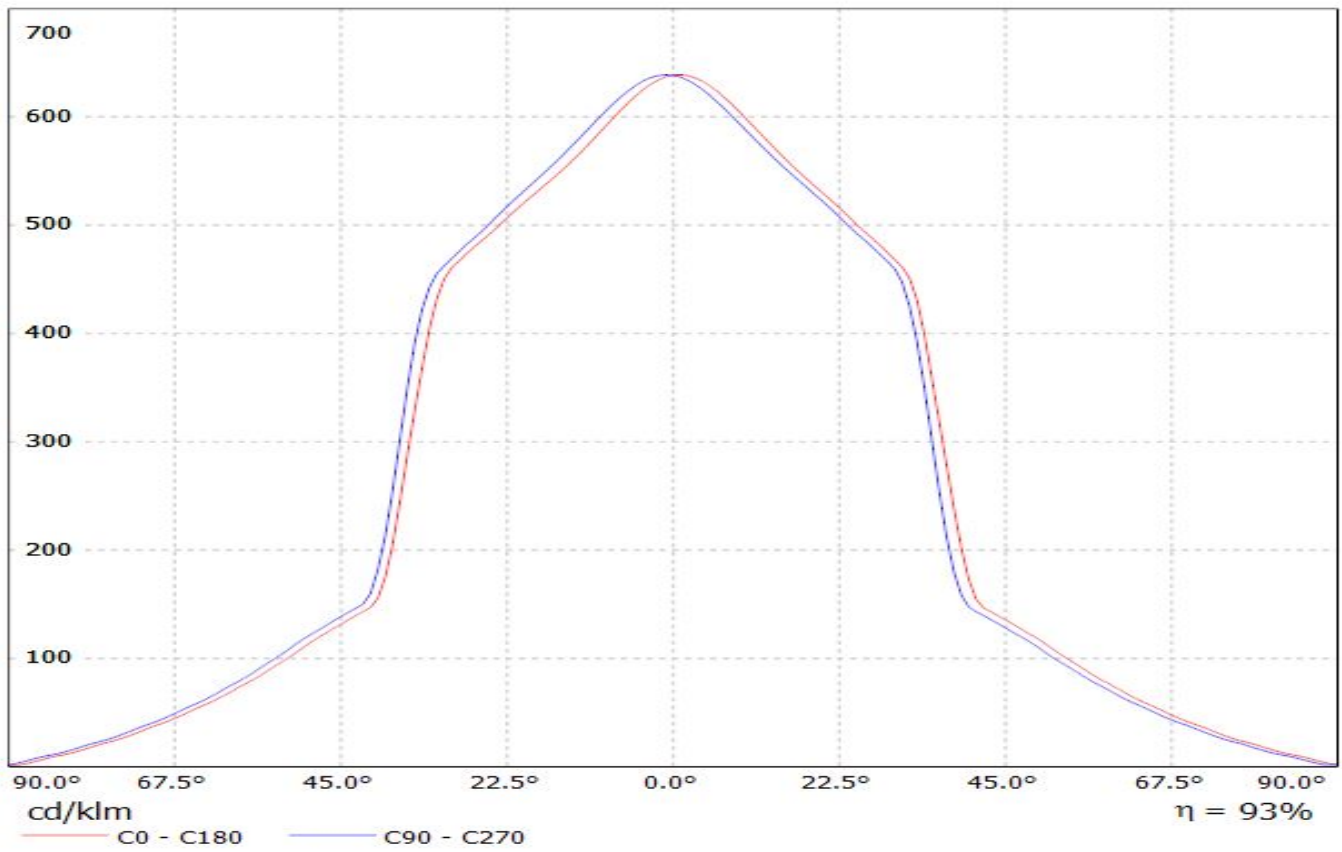
Luminaire: LEDiL Oy F13841_ANGELA-XW-B_(CXM-22) Eff.92.9%
Lamps: 1 x LUMINUS_CXM-22_1221.8lm@250mA_P=8.00809W_CCT=3000K_I=249.8mA



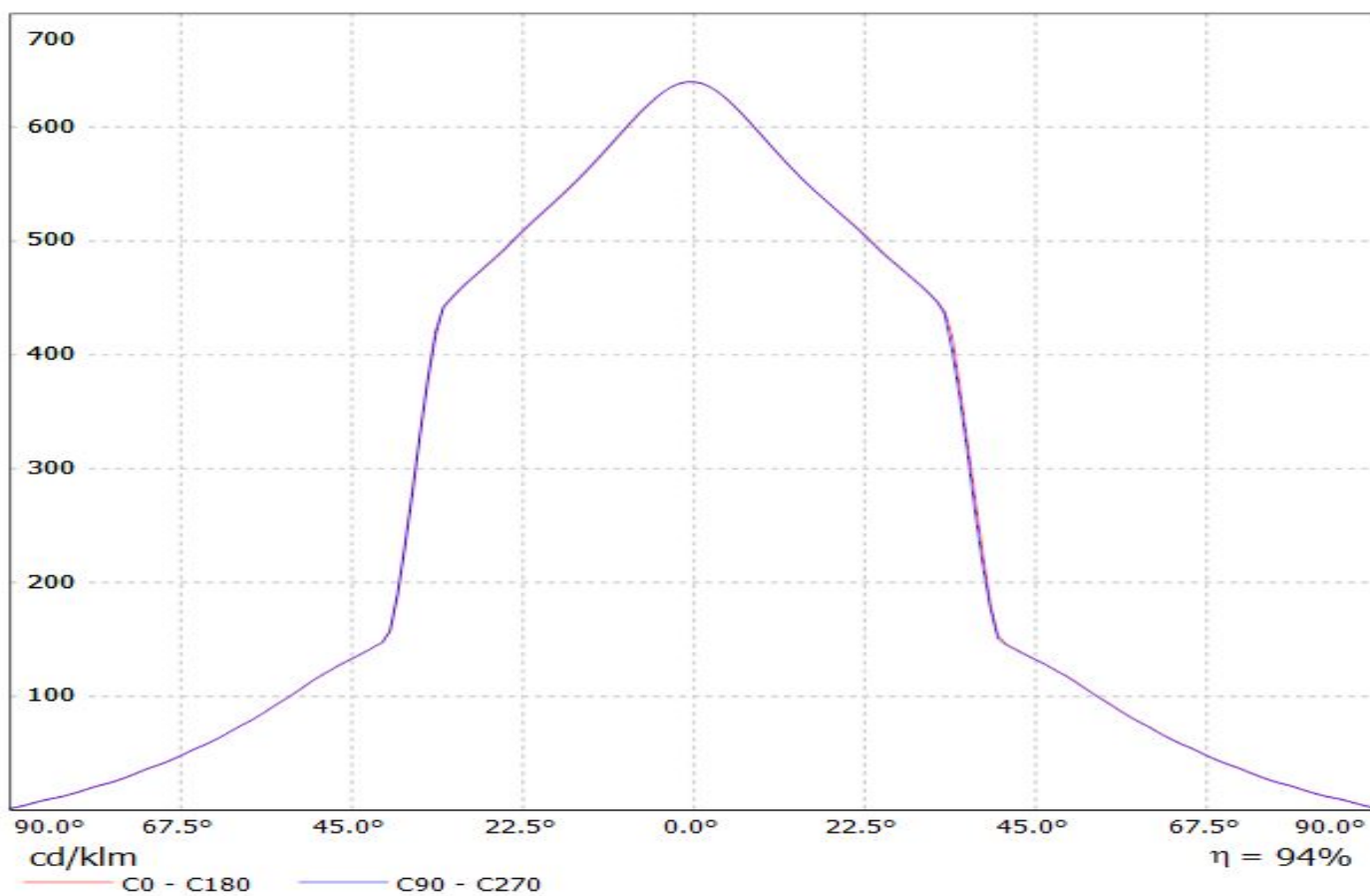
Luminaire: LEDiL Oy F13841_ANGELA-XW-B_(CXM-14)
Lamps: 1 x LUMINUS_XNOVA_CXM-14_(AC00)
_1049.18lm@250mA_CCT=3126K_P=8.31834W_I=249.8mA



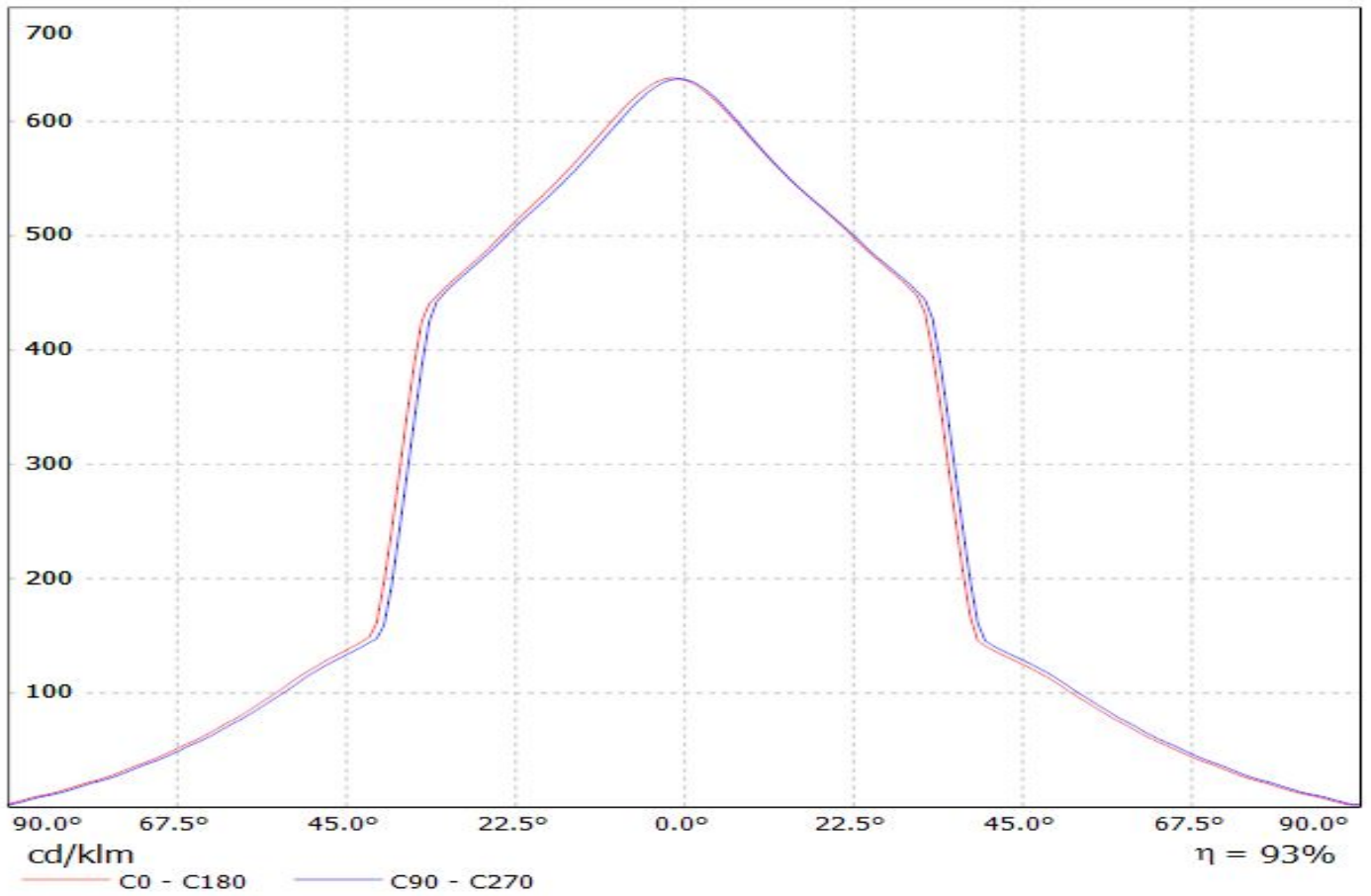
Luminaire: LEDiL Oy F13841_ANGELA-XW-B_(SOLERIQ_E30)
Lamps: 1 x Osram_SOLERIQ_E30_1278.11lm@250mA_P=10.0015W_I=249.8mA



Luminaire: LEDiL Oy F13841_ANGELA-XW-B_(Soleriq S19) Eff.93.8%
Lamps: 1 x OSRAM_SOLERIQ_S19_(GW_KAHJB1.EM)
_1445.44lm@250mA_CCT=3000K_P=10.558W_I=249.8mA

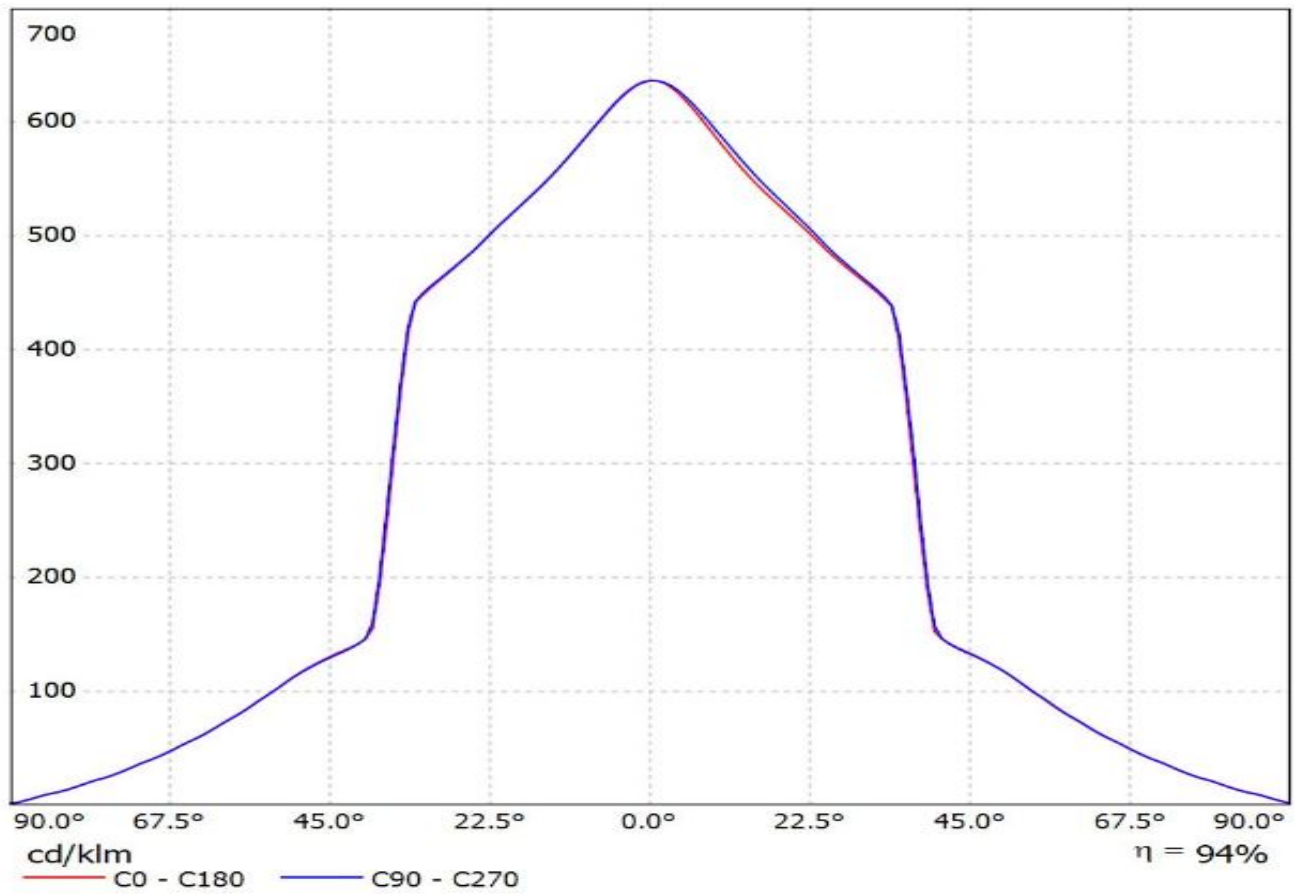


Luminaire: LEDiL Oy F13841_ANGELA-XW-B_(S19) Eff.93.0%
Lamps: 1 x Osram_SOLERIQ_S19_1434.85lm@250mA_P=10.5595W_I=249.8mA



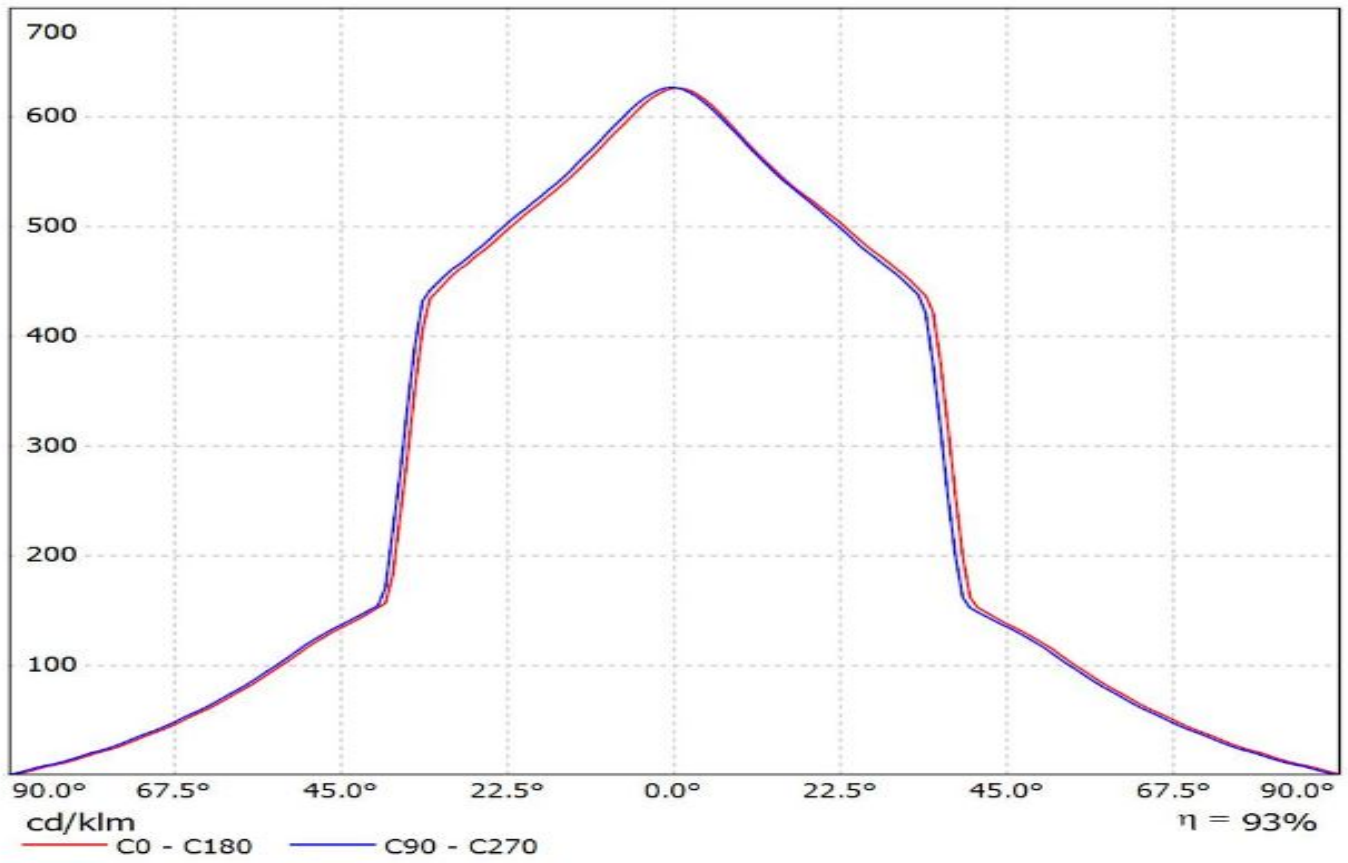
Luminaire: LEDiL Oy F13841_ANGELA-XW-B_(SOLERIQ_P13)

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

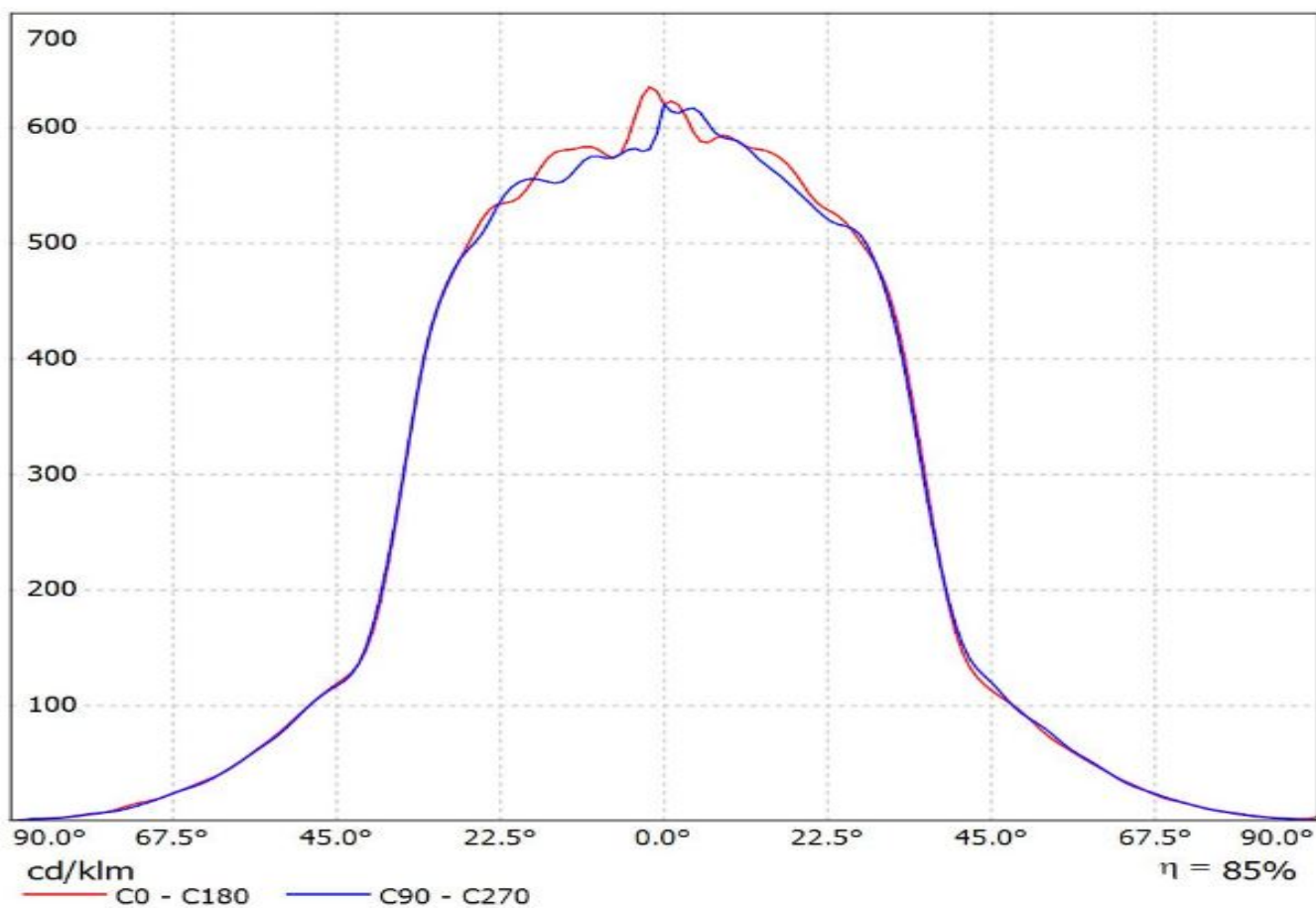


Luminaire: Ledil F13841_ANGELA-XW-B_(Soleriq_S13_G2)

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

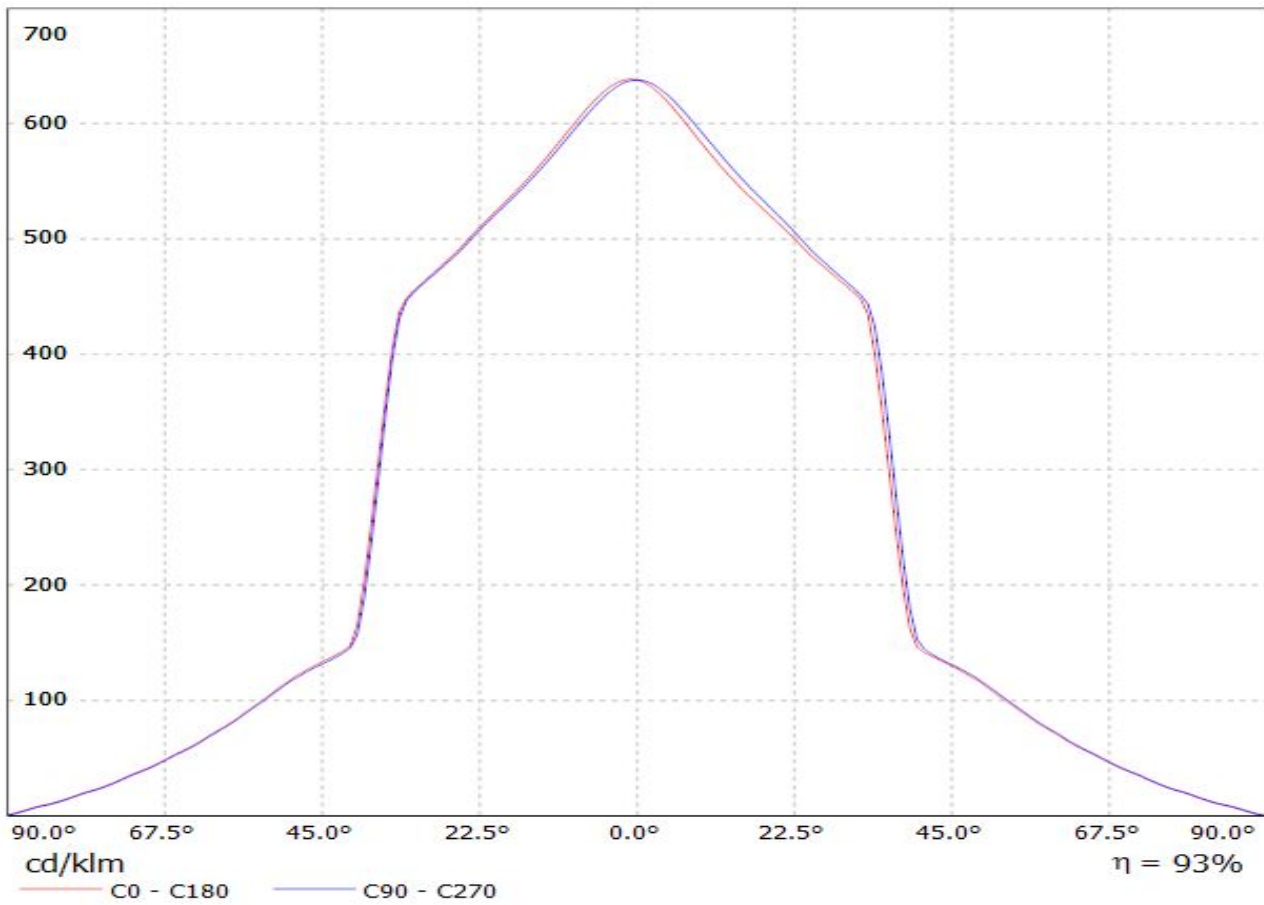


Luminaire: Ledil Oy F13841_ANGELA-XW-B+_BJB_47.319.2030_SAMSUNG_COB_D_LC040D_SIMULATED
Lamps: 1 x SAMSUNG LC040D



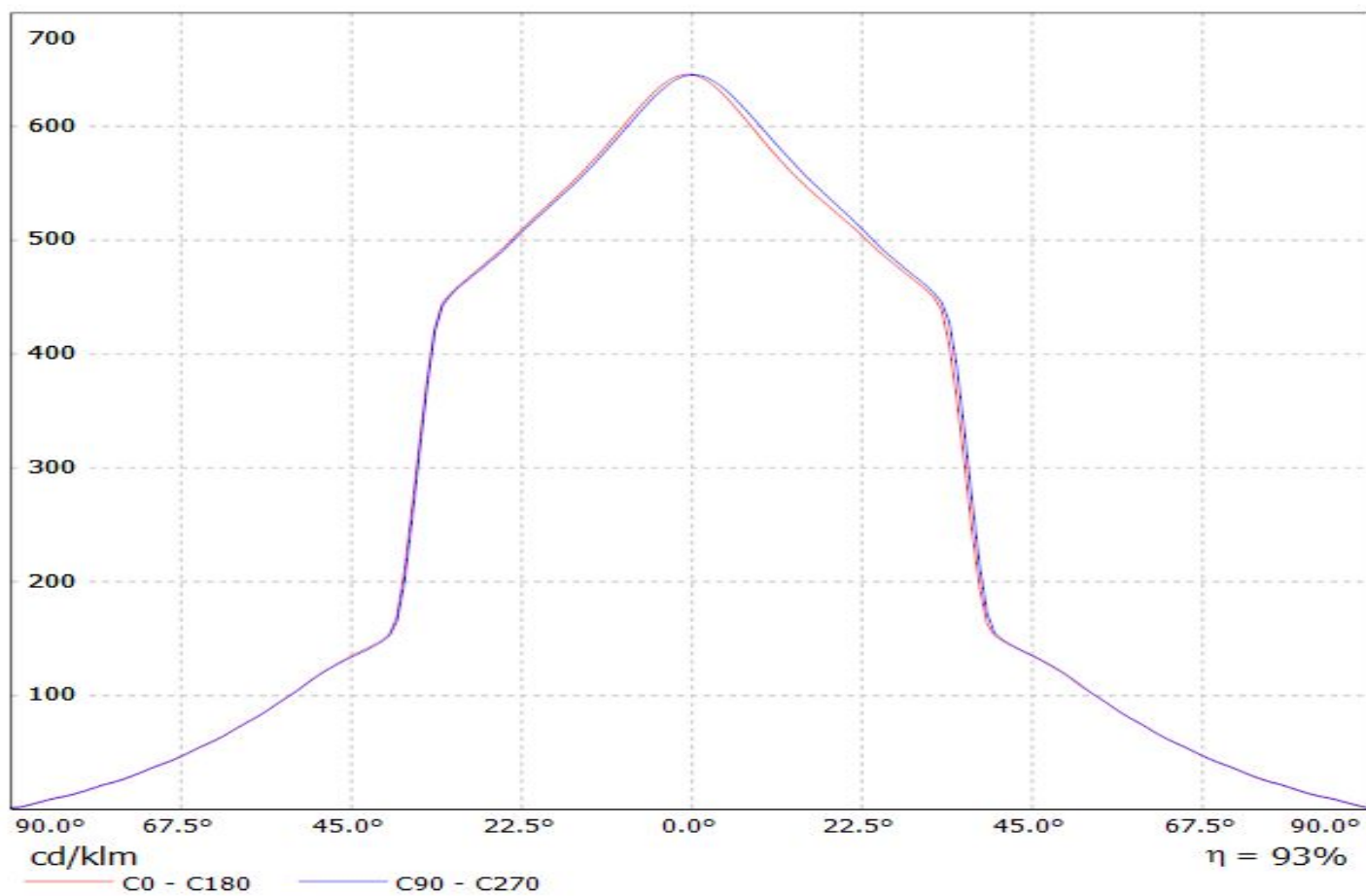
Luminaire: LEDiL Oy F13841_ANGELA-XW-B_(COB_D_14,5mm)

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



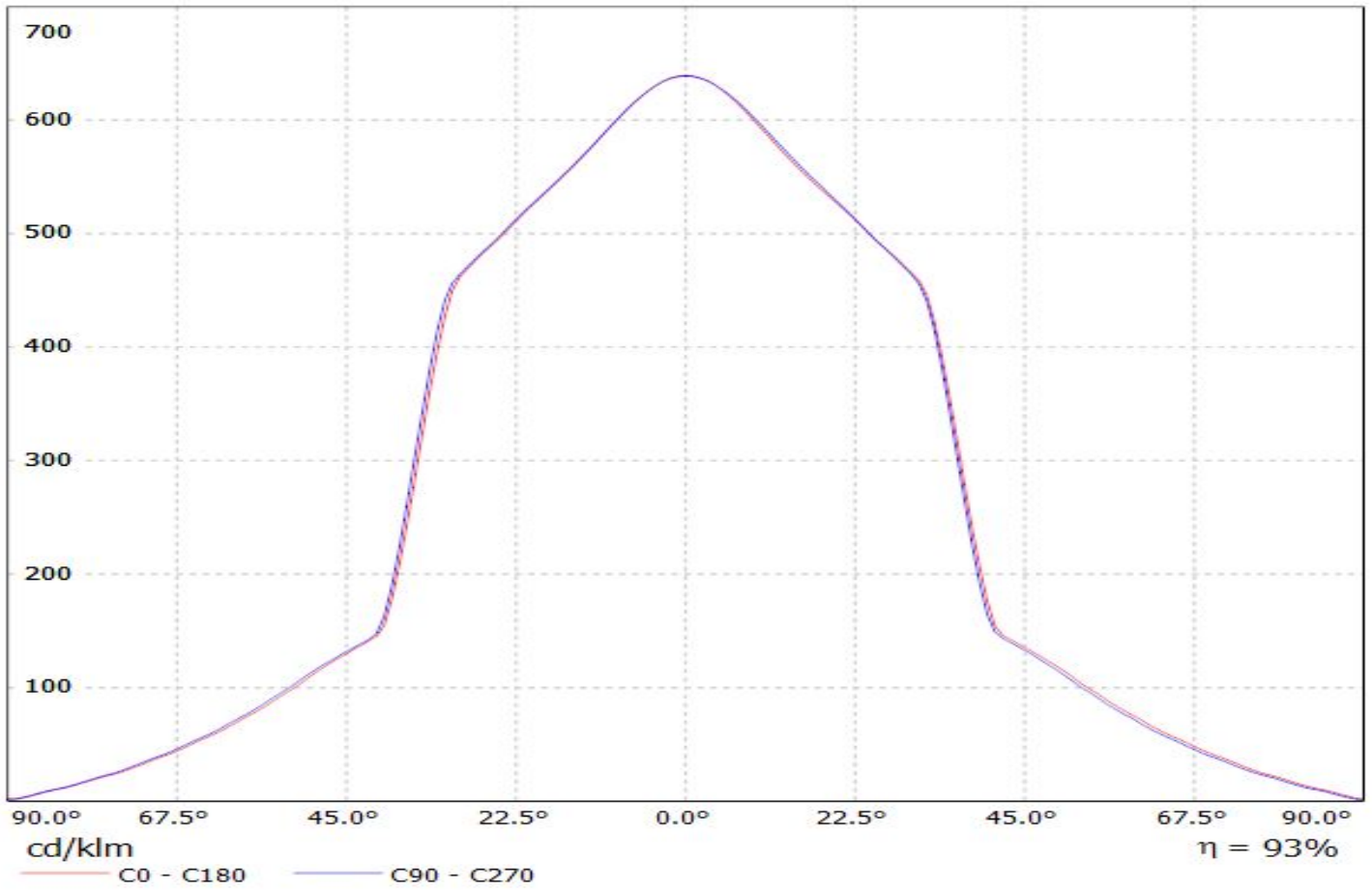
Luminaire: LEDiL Oy F13841_ANGELA-XW-B_(ZC12)

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

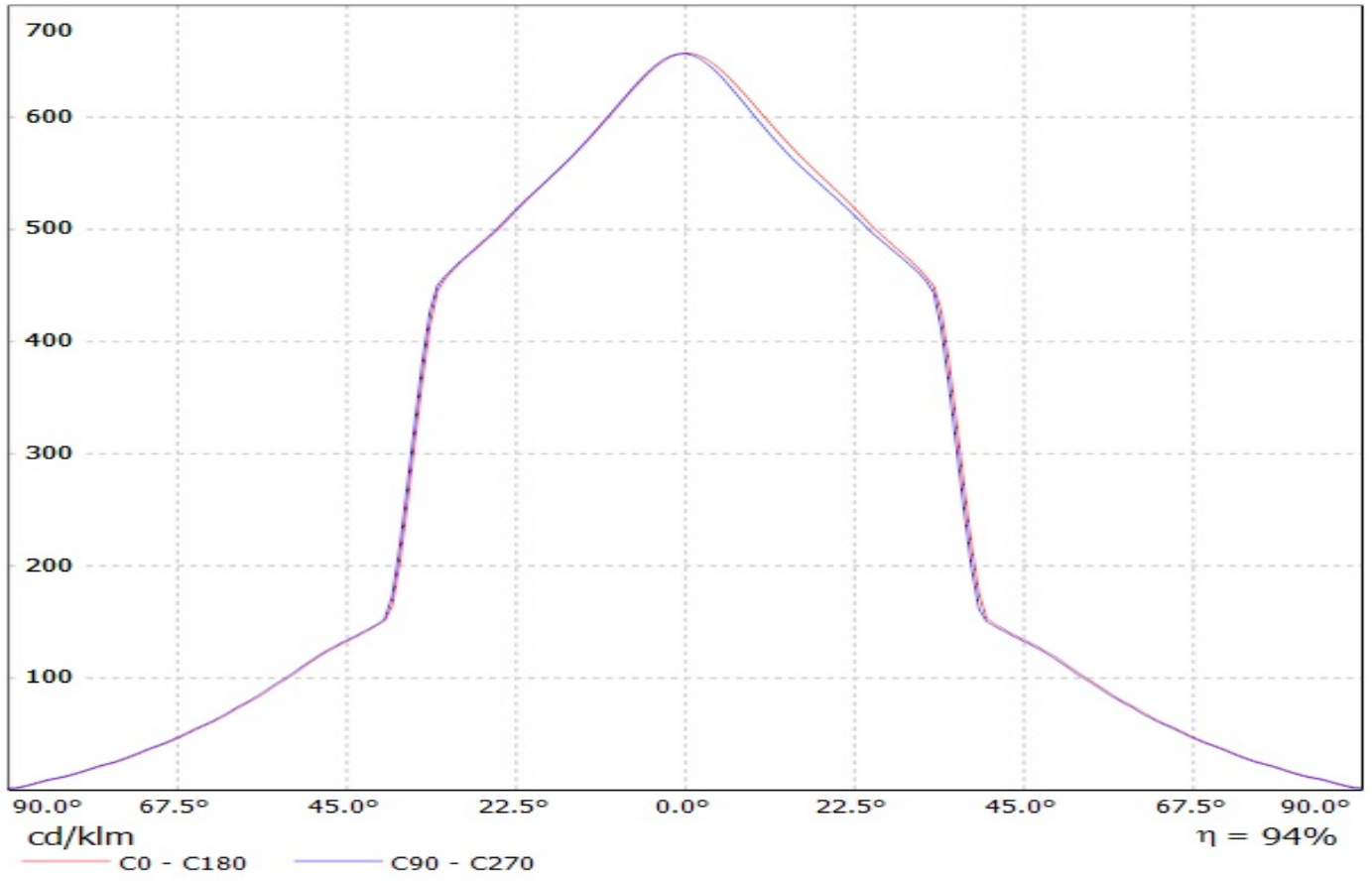


Luminaire: LEDiL Oy F13841_ANGELA-XW-B_(ZC40)

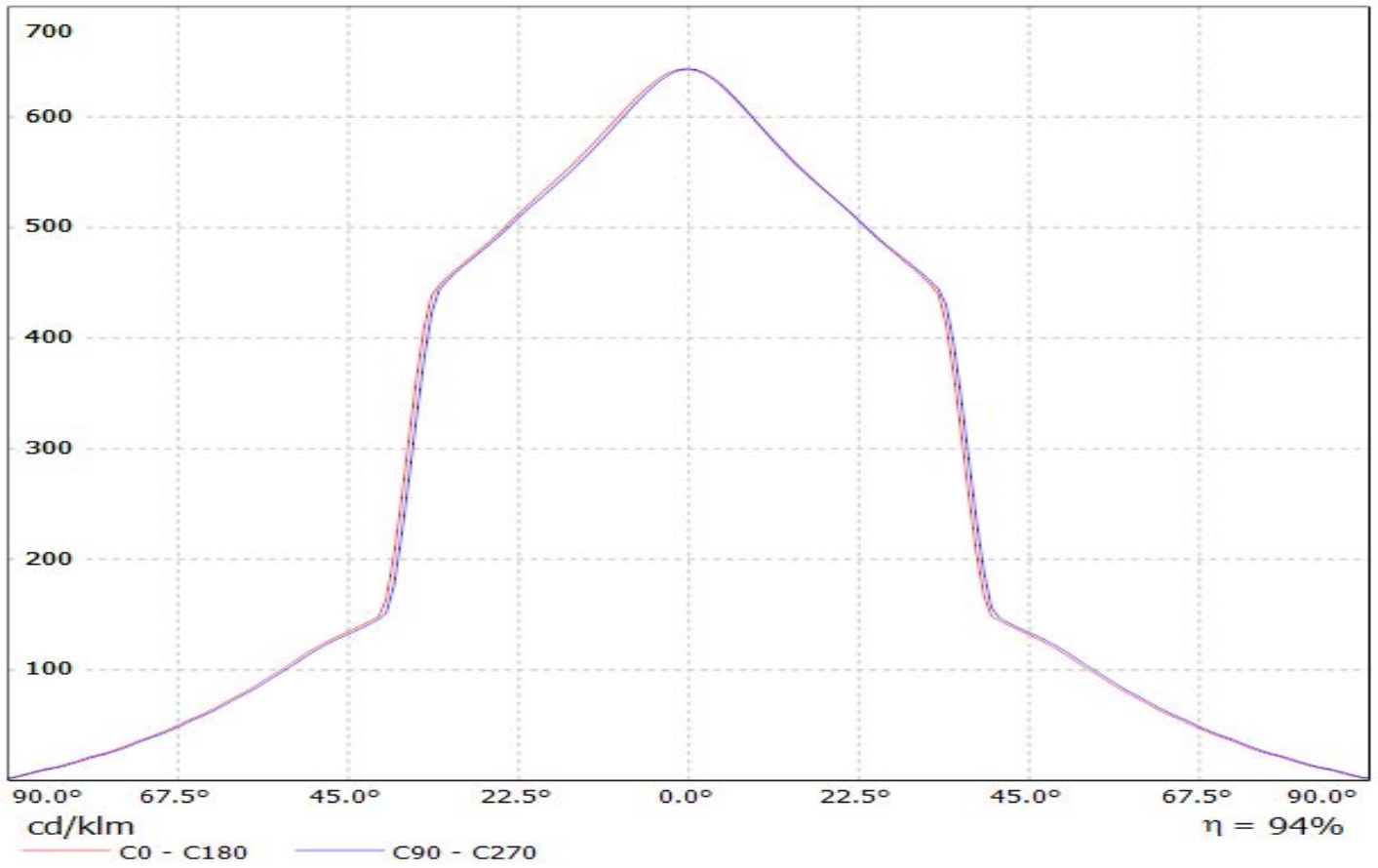
Lamps: 1 x SEOUL_ZC40_(SBWW5F1B)_1176.6lm@250mA_P=8.22171W_I=249.9mA



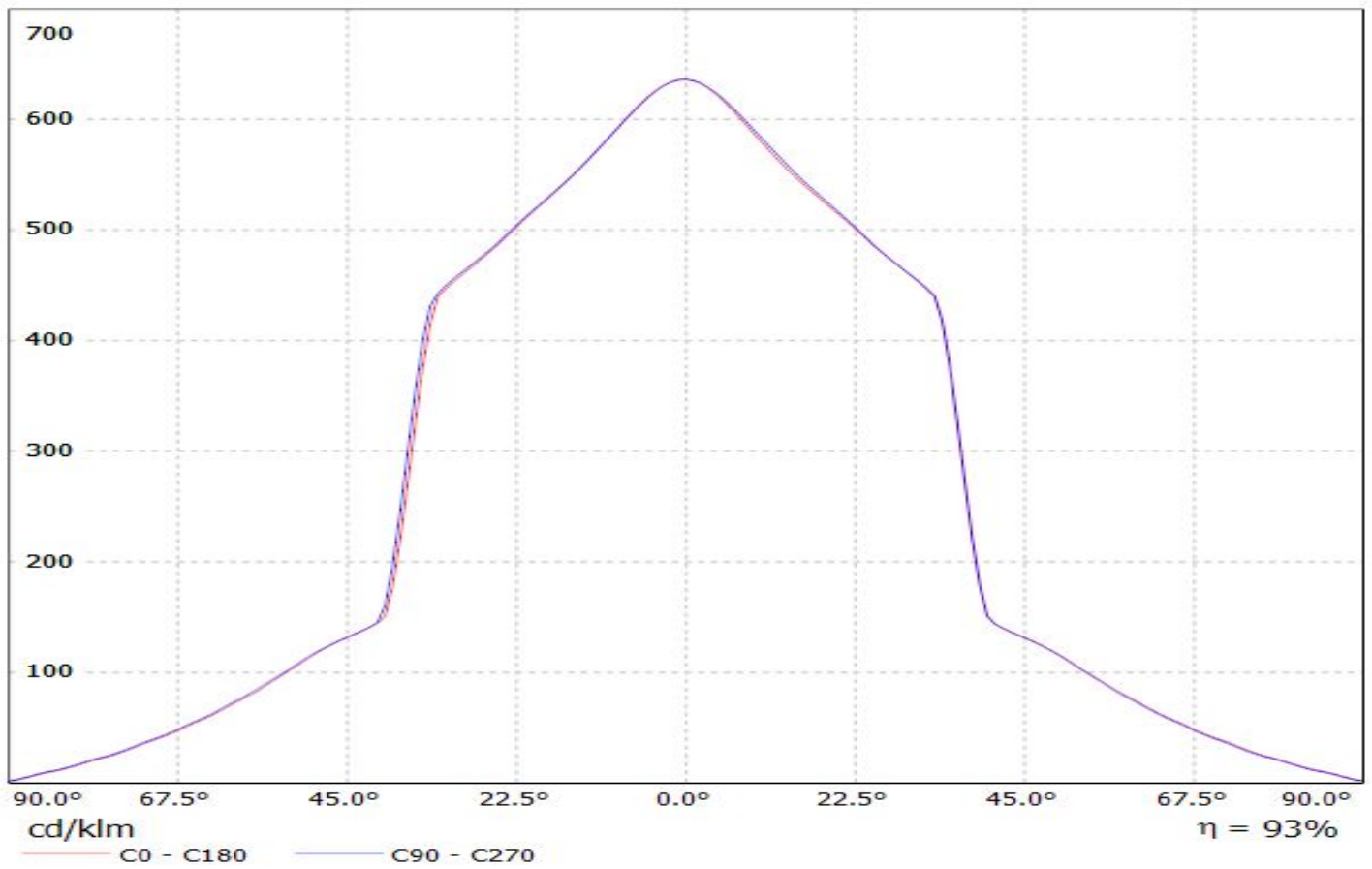
Luminaire: LEDiL Oy F13841_ANGELA-XW-B_(Mega_Zenigata_GW6DME) Eff: 94%
Lamps: 1 x Sharp_Mega_Zenigata_GW6DME_(6DME30NFC)
_1243.73lm@250mA_P=11.1109W_I=249.8mA



Luminaire: LEDiL Oy F13841_ANGELA-XW-B_(MegaZenigata_GW6)
Lamps: 1 x Sharp_MegaZenigata_GW6_(GW6DME30NFC)
_1266.19lm@250mA_CCT=3038K_P=11.2151W_I=250.6mA

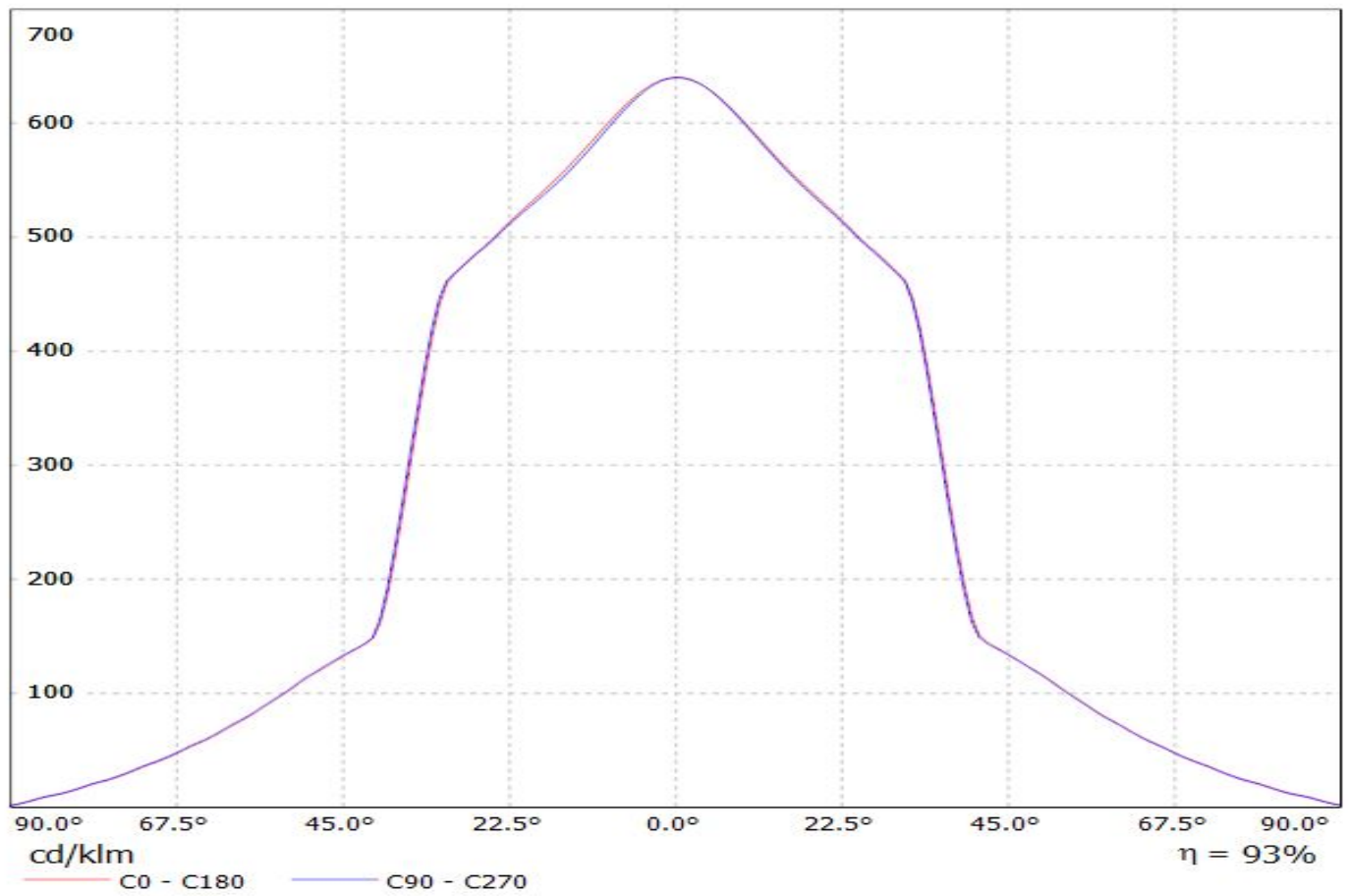


Luminaire: LEDiL Oy F13841_ANGELA-XW-B_(STARK_SLE_G3_LES17)
Lamps: 1 x TRIDONIC_STARK_SLE_G3_LES17_(STARK-SLE-PURE_G3-17-2000-840-CLA)
_1030.26lm@250mA_CCT=2000K_P=8.34707W_I=249.8mA

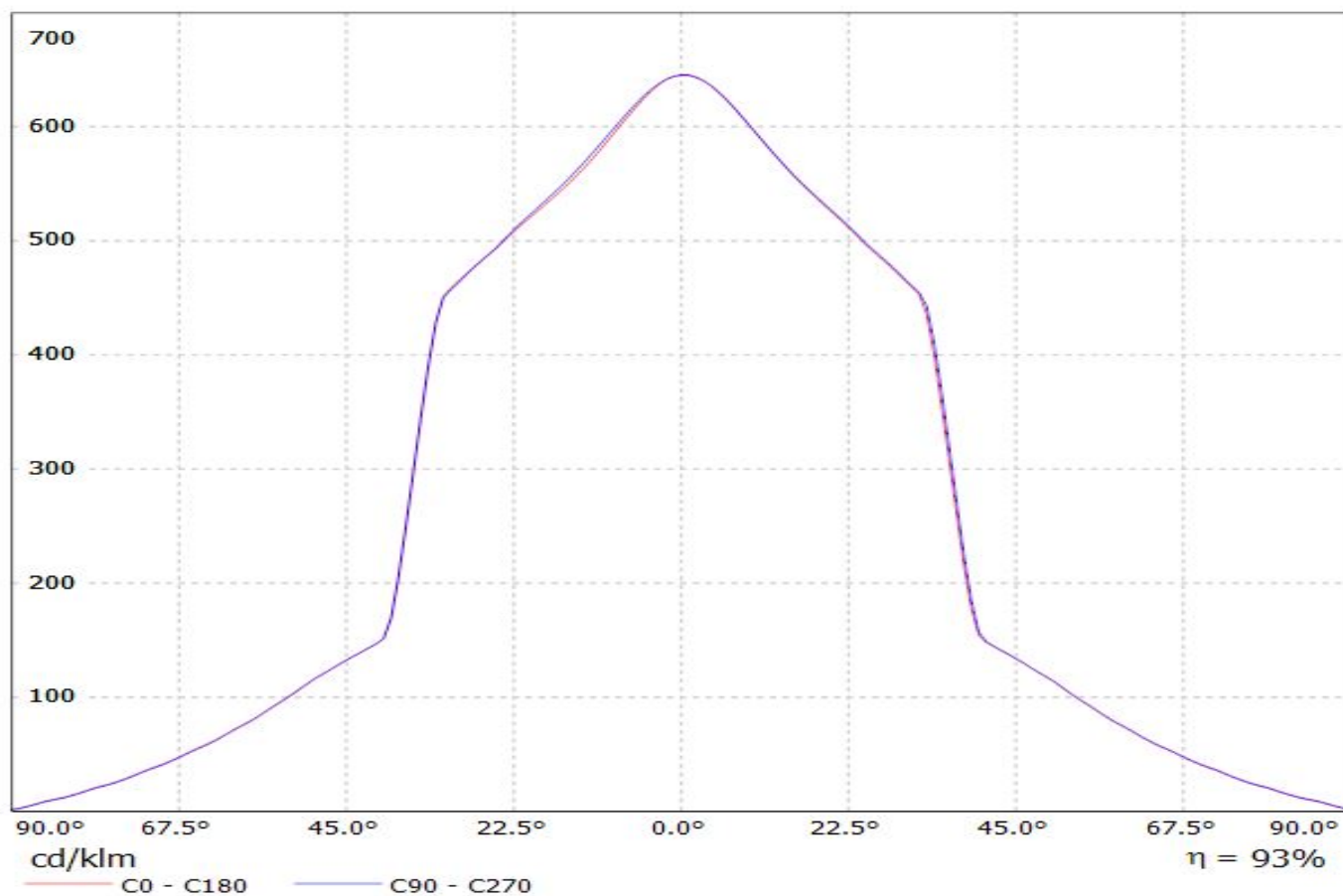


Luminaire: LEDiL Oy F13841_ANGELA-XW-B_(SLE G4 LES23)

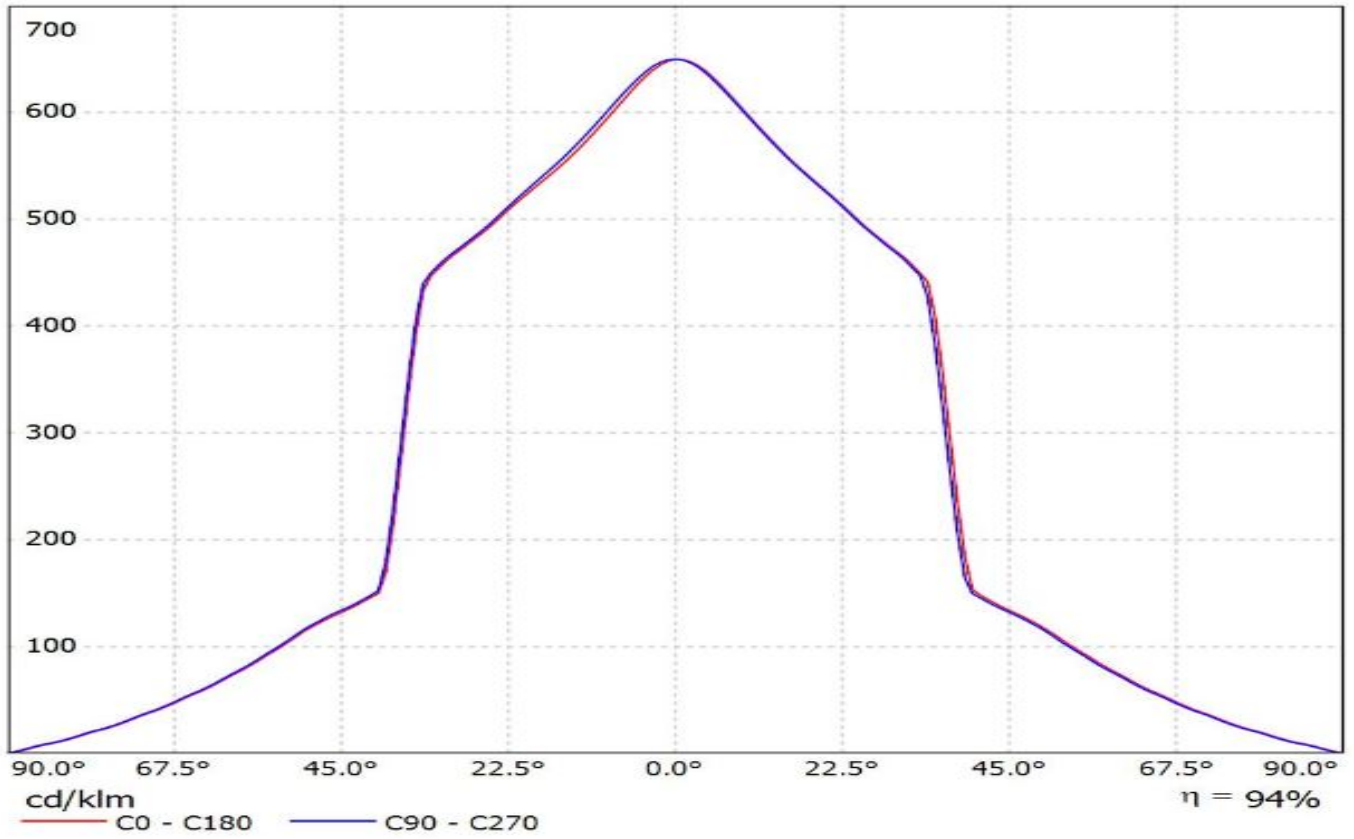
Lamps: 1 x Tridonic_SLE_G4_LES23_1428.75lm@250mA_P=8.19944W_I=0.2498A



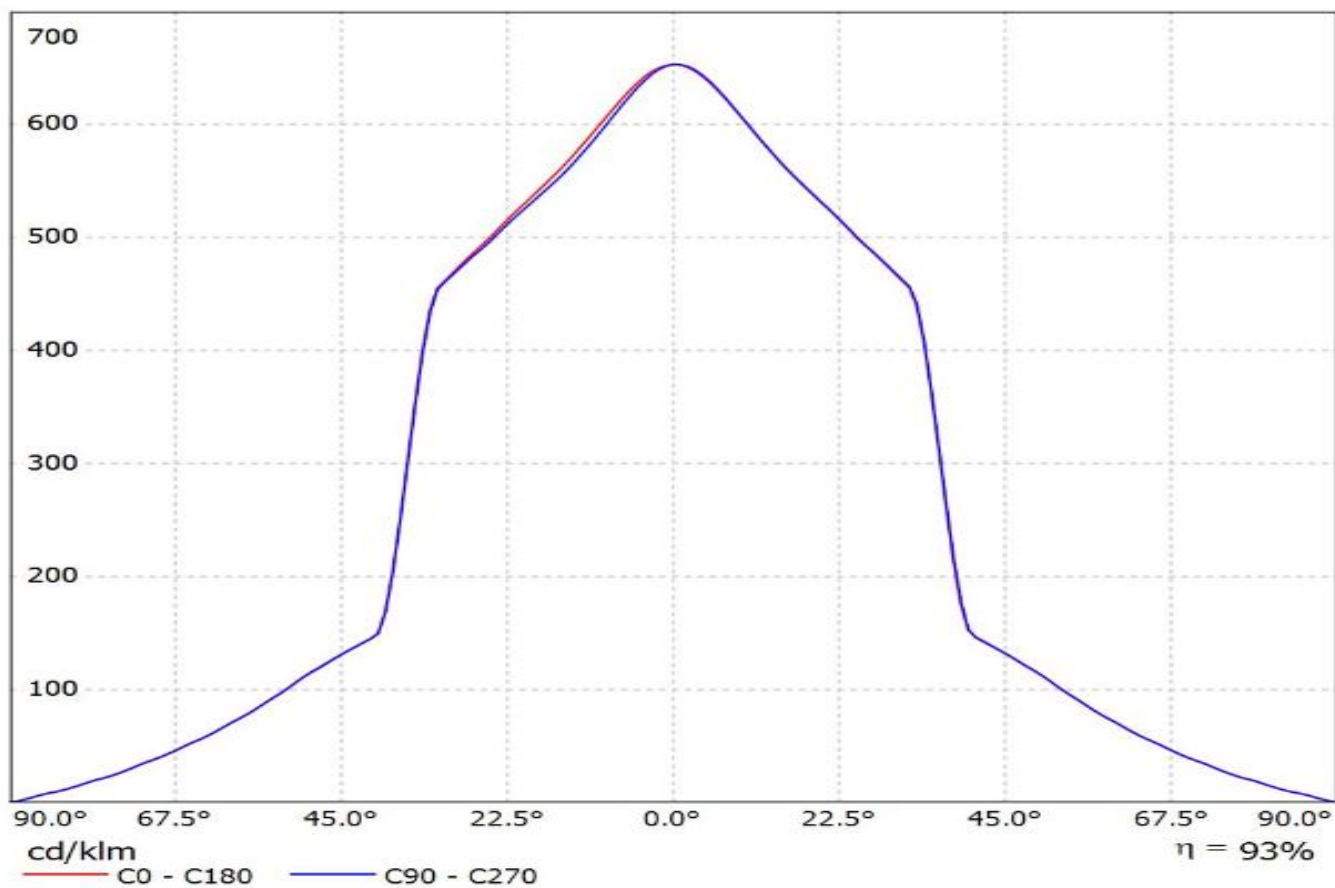
Luminaire: LEDiL Oy F13841_ANGELA-XW-B_(SLE GEN4 LES19)
Lamps: 1 x SLE GEN4 LES19_1226.28lm@250mA_P=8.21367W_I=0.2498A



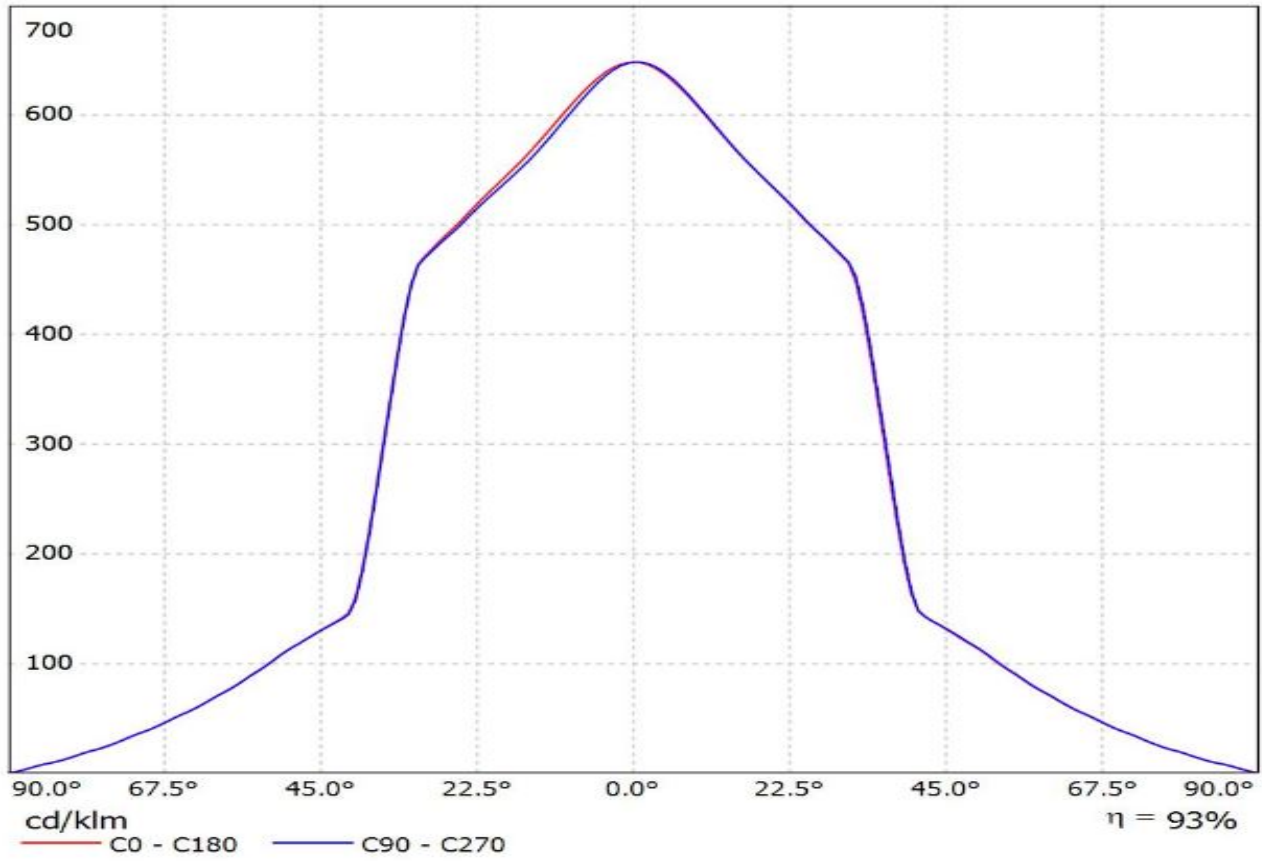
Luminaire: LEDiL Oy F13841_ANGELA-XW-B_(SLE-G5_LES-15)
Lamps: 1 x Tridonic_SLE-G5_LES-15_1272.36lm@250mA_P=8.6660W_I=0.250A



Luminaire: LEDiL Oy F13841_ANGELA-XW-B_(SLE-G5_LES-19)
Lamps: 1 x Tridonic_SLE-G5_LES-19_1334.47lm@250mA_P=8.2224W_I=0.250A

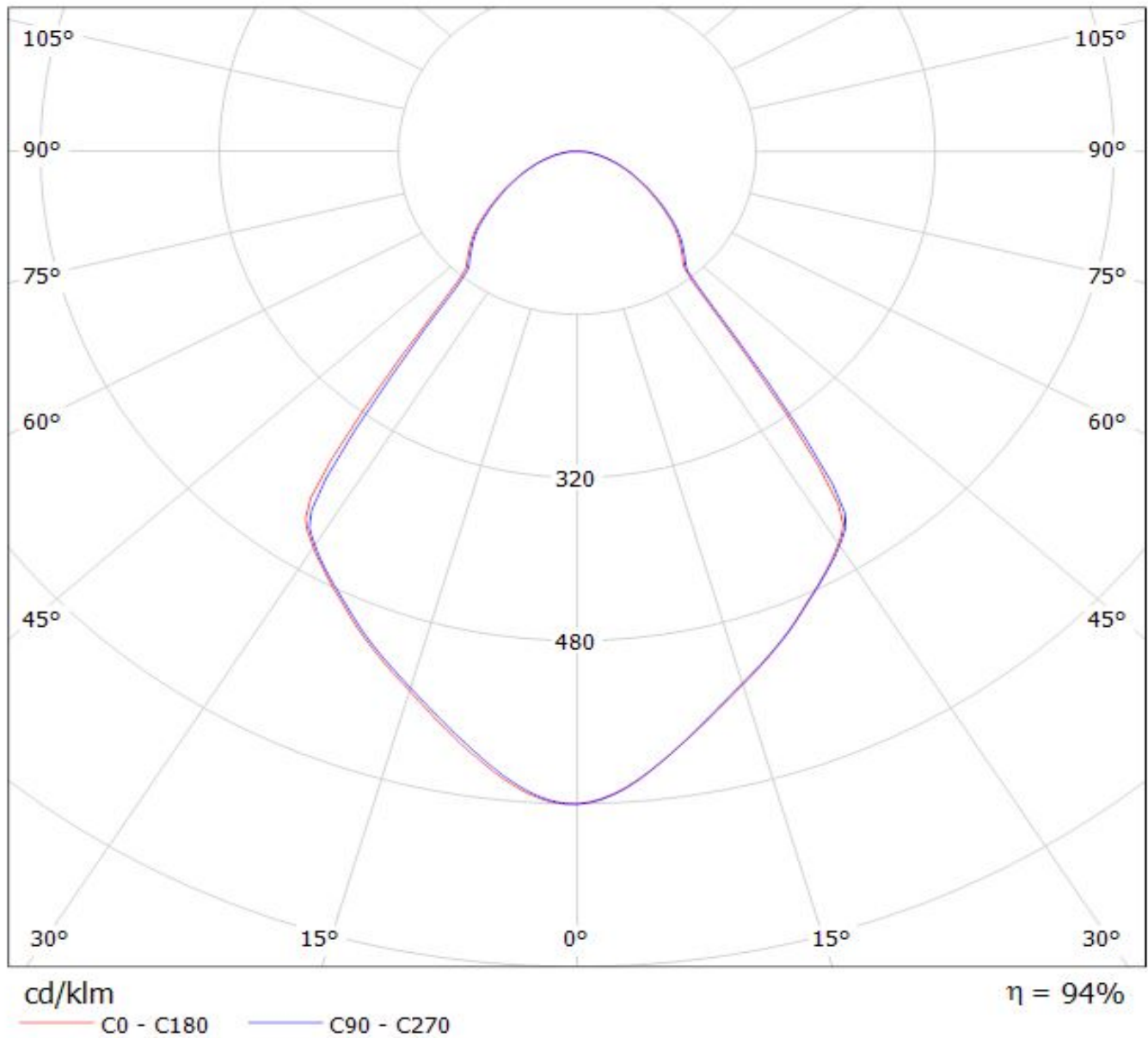


Luminaire: LEDiL Oy F13841_ANGELA-XW-B_(SLE-G5_LES-23)
Lamps: 1 x Tridonic_SLE-G5_LES-23_1371.74lm@250mA_P=8.1065W_I=0.250A



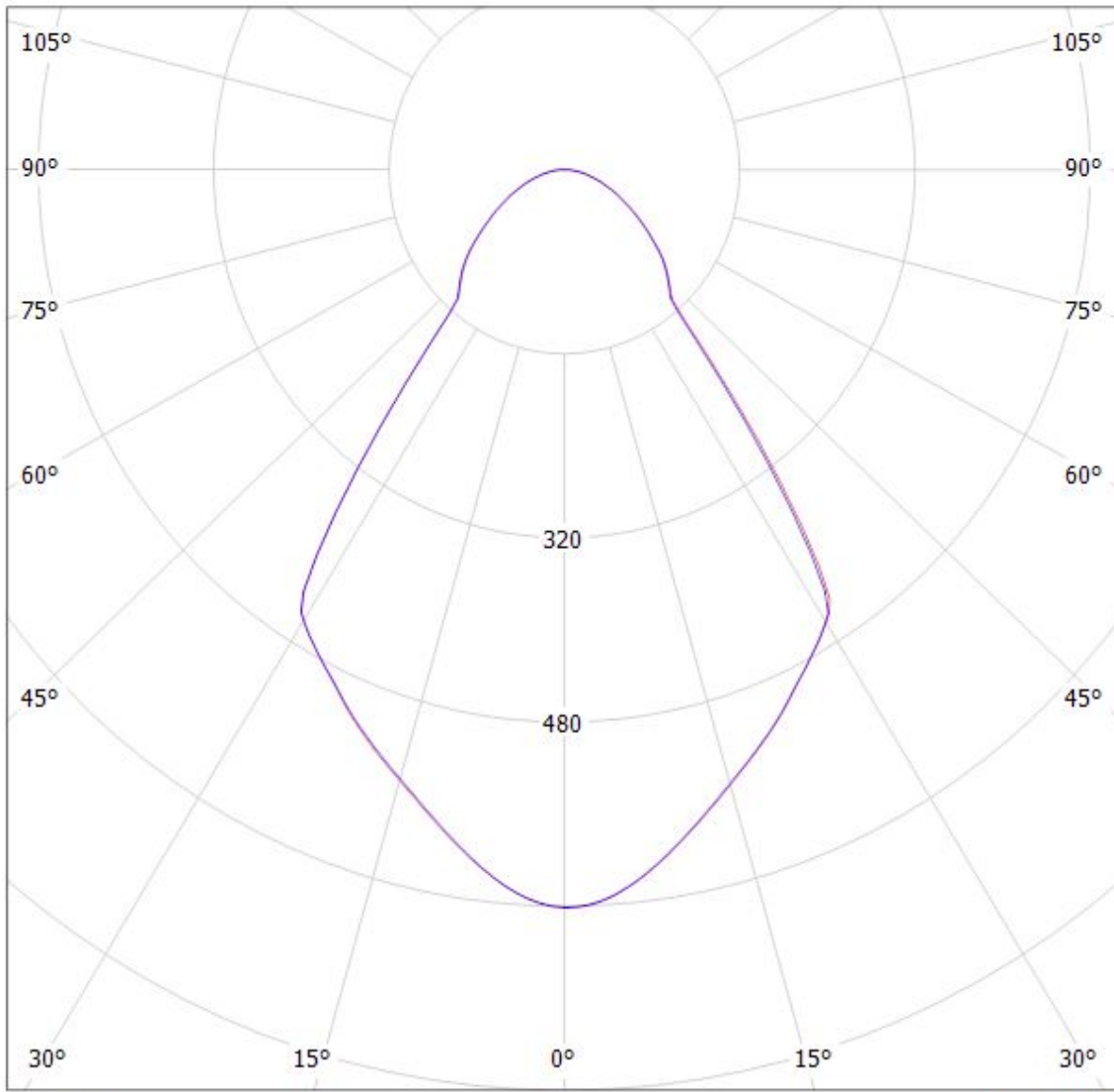
Luminaire: LEDiL Oy F13841_ANGELA-XW-B_(BXRA_ES)

Lamps: 1 x BXRA_ES_(W1203-102820-3110)_290.027lm@250mA_P=4.09661W_I=249.9mA



Luminaire: LEDiL Oy F13841_ANGELA-XW-B_(V18_Gen7)+BJB

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



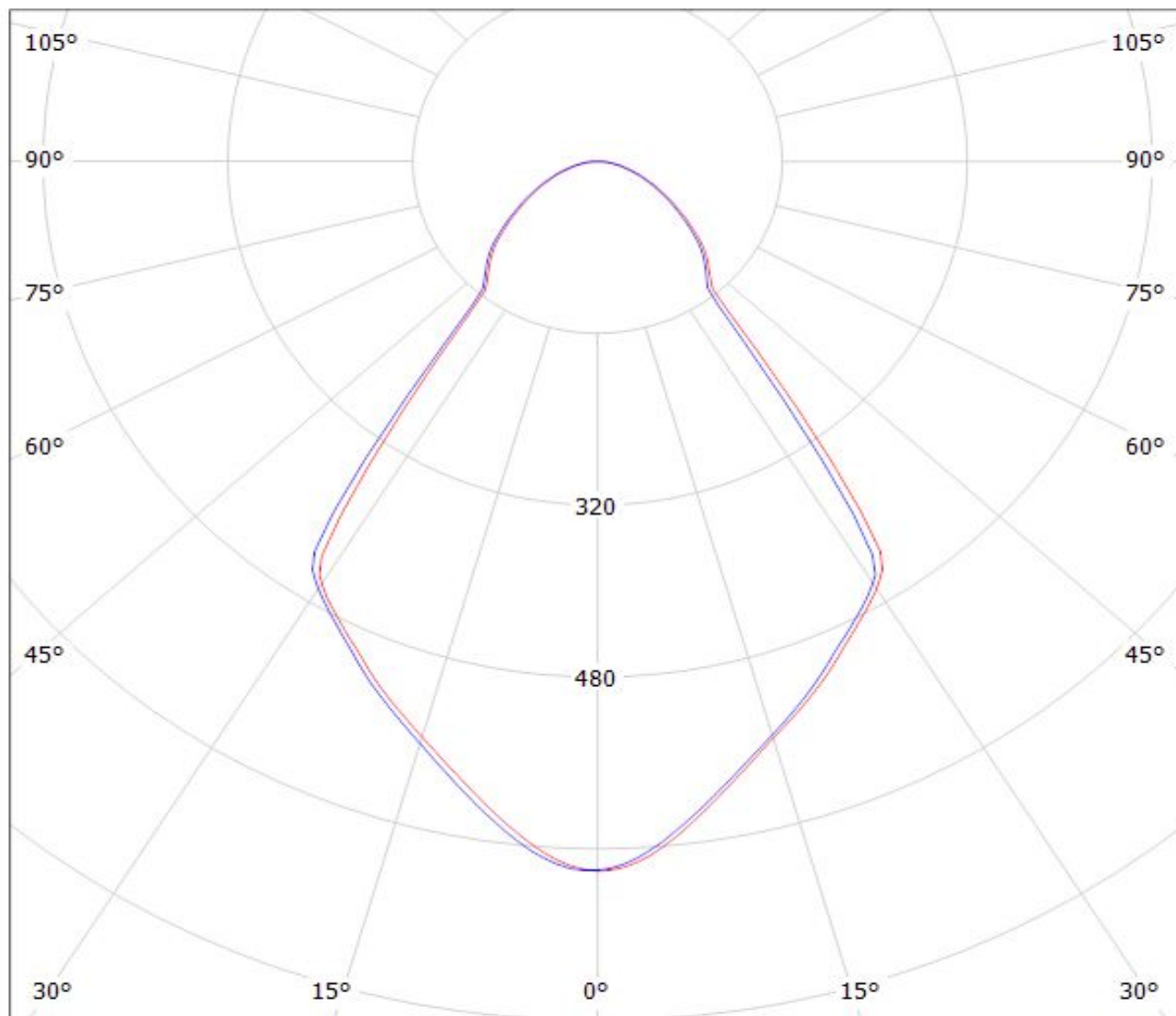
cd/klm

— C0 - C180 — C90 - C270

$\eta = 94\%$

Luminaire: LEDiL Oy F13841_ANGELA-XW-B_(CLL030)

Lamps: 1 x CITIZEN_CLL030_(CLL030-1206A1303M1A2)_1041.7lm@250mA_P=8.45787W_I=249.9mA



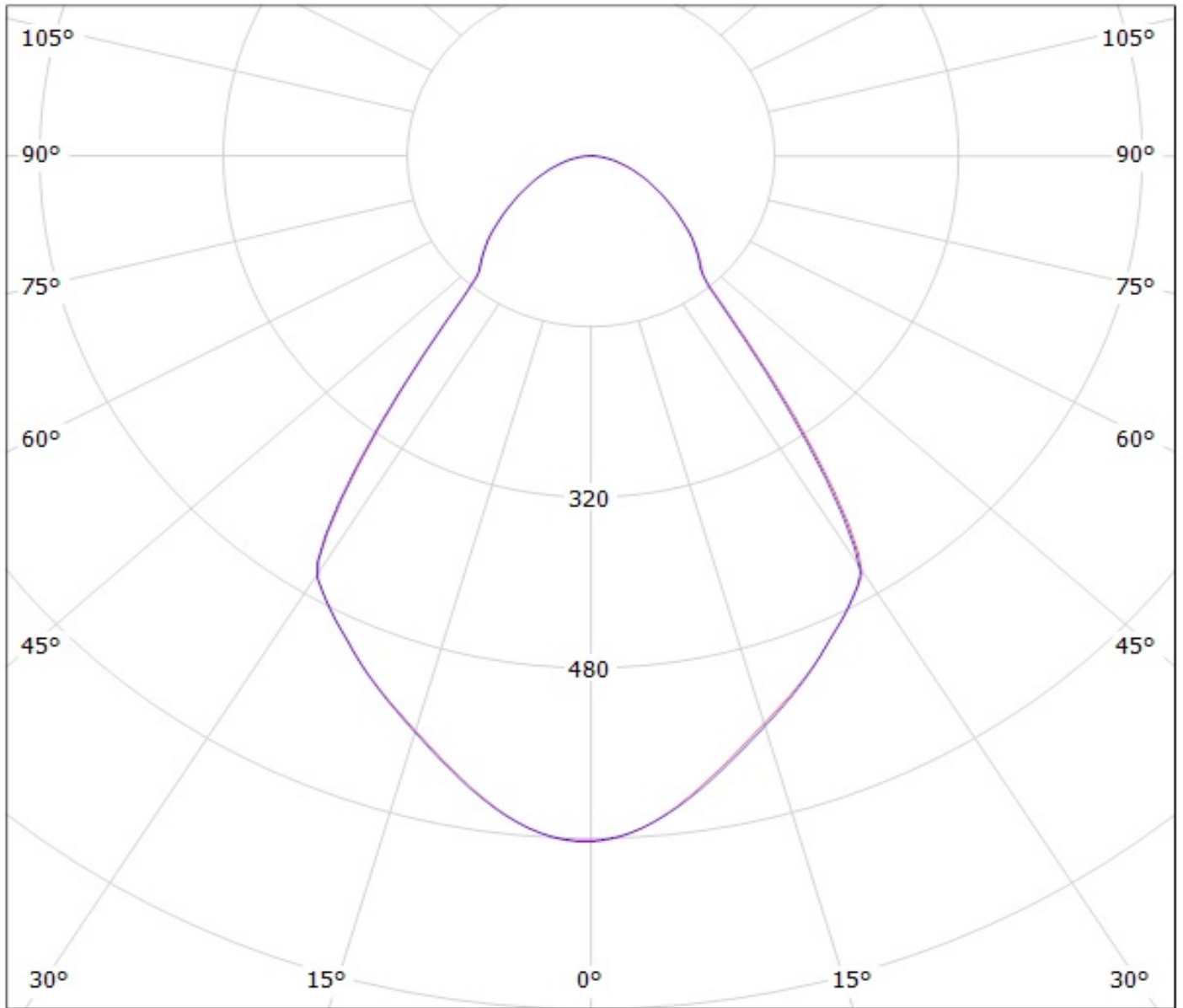
cd/klm

— C0 - C180 — C90 - C270

$\eta = 93\%$

Luminaire: LEDiL Oy F13841_ANGELA-XW-B_(CLL042) Eff: 93%

Lamps: 1 x Citizen_CLL042_(CLL042-1218A5-303H3-D2)_941.891lm@250mA_P=8.05555W_I=0.2498A



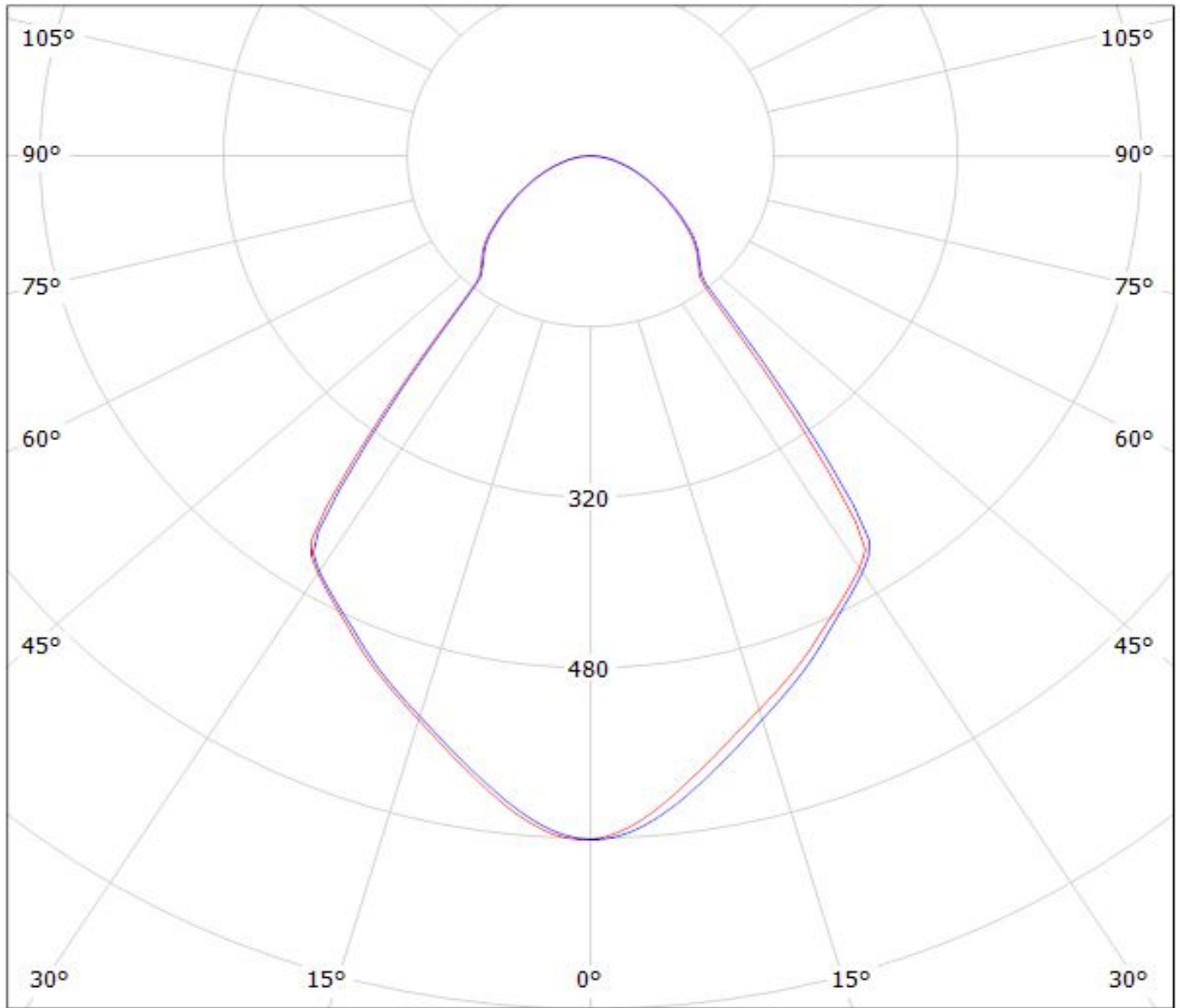
cd/klm

— C0 - C180

— C90 - C270

Luminaire: LEDiL Oy F13841_ANGELA-XW-B_(CLU034)

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



cd/klm

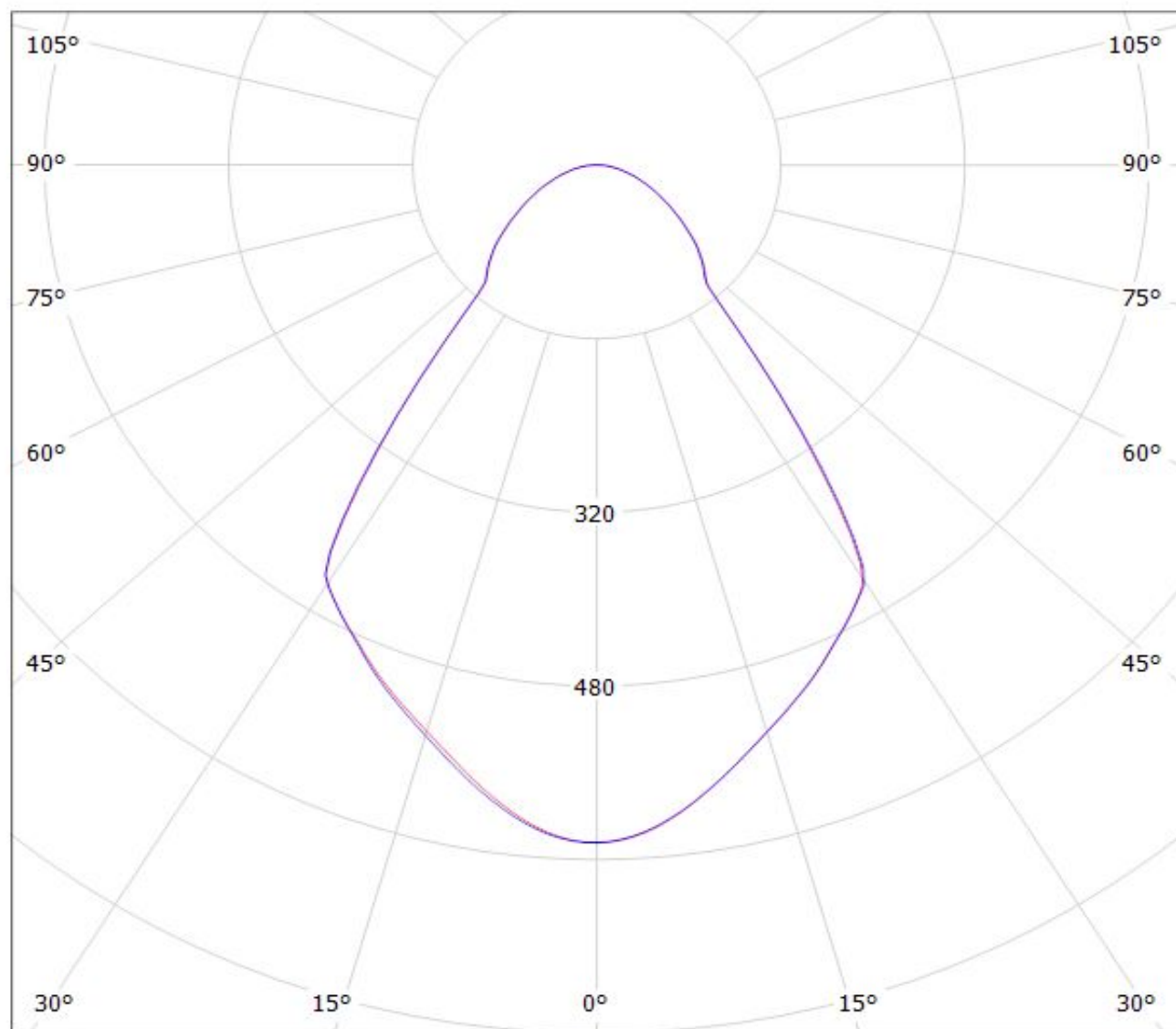
— C0 - C180

— C90 - C270

$\eta = 94\%$

Luminaire: LEDiL Oy F13841_ANGELA-XW-B_(CLU044)

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



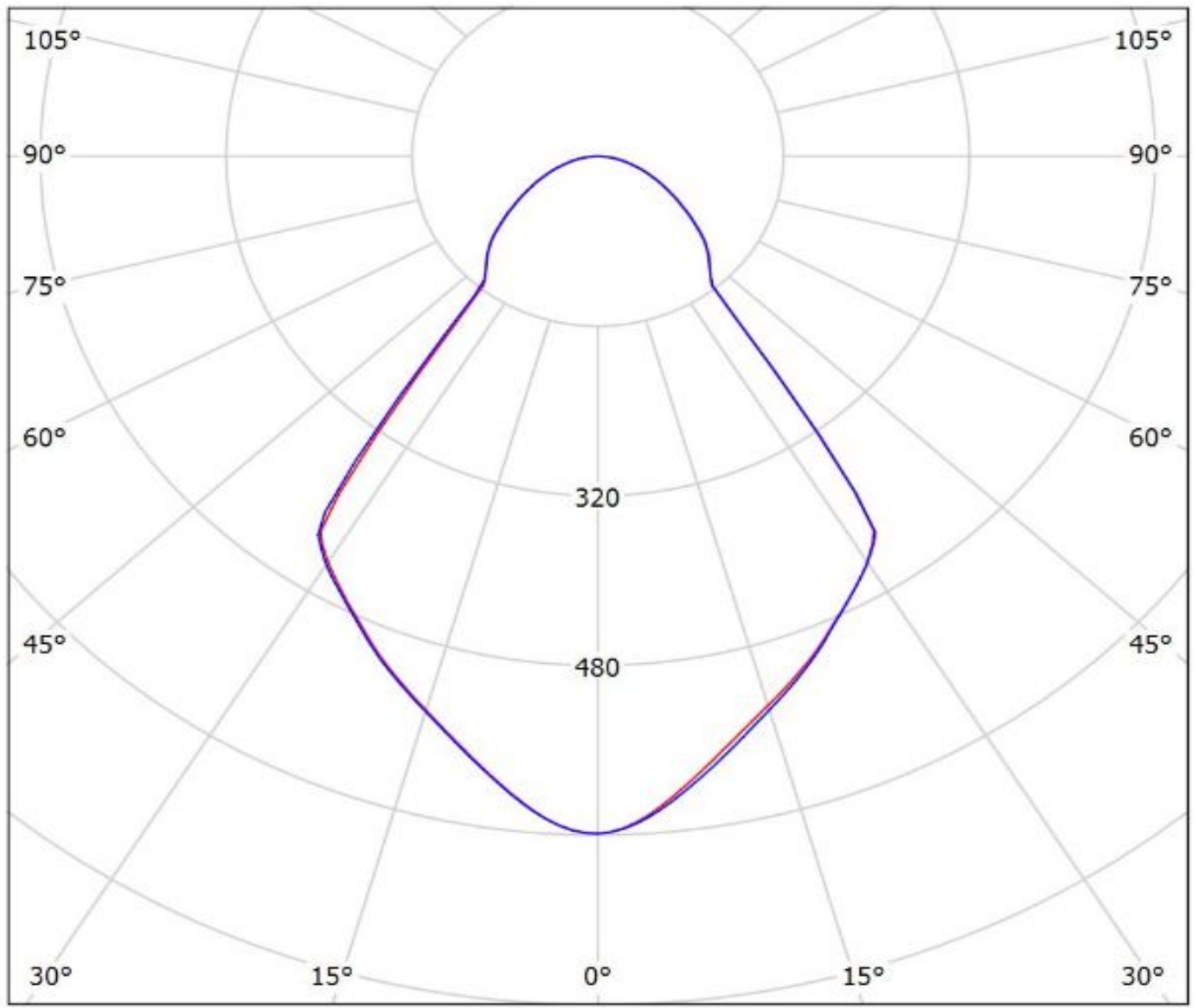
cd/klm

— C0 - C180

— C90 - C270

$\eta = 93\%$

Luminaire: Ledil F13841_ANGELA-XW-B_(CITIZEN_CLU720)
Lamps: 1 x CITIZEN_CLU720_(CLU720-1206B8-273M2)
_1320.42lm@250mA_CCT=2700K_P=8.35W_I=0.25A

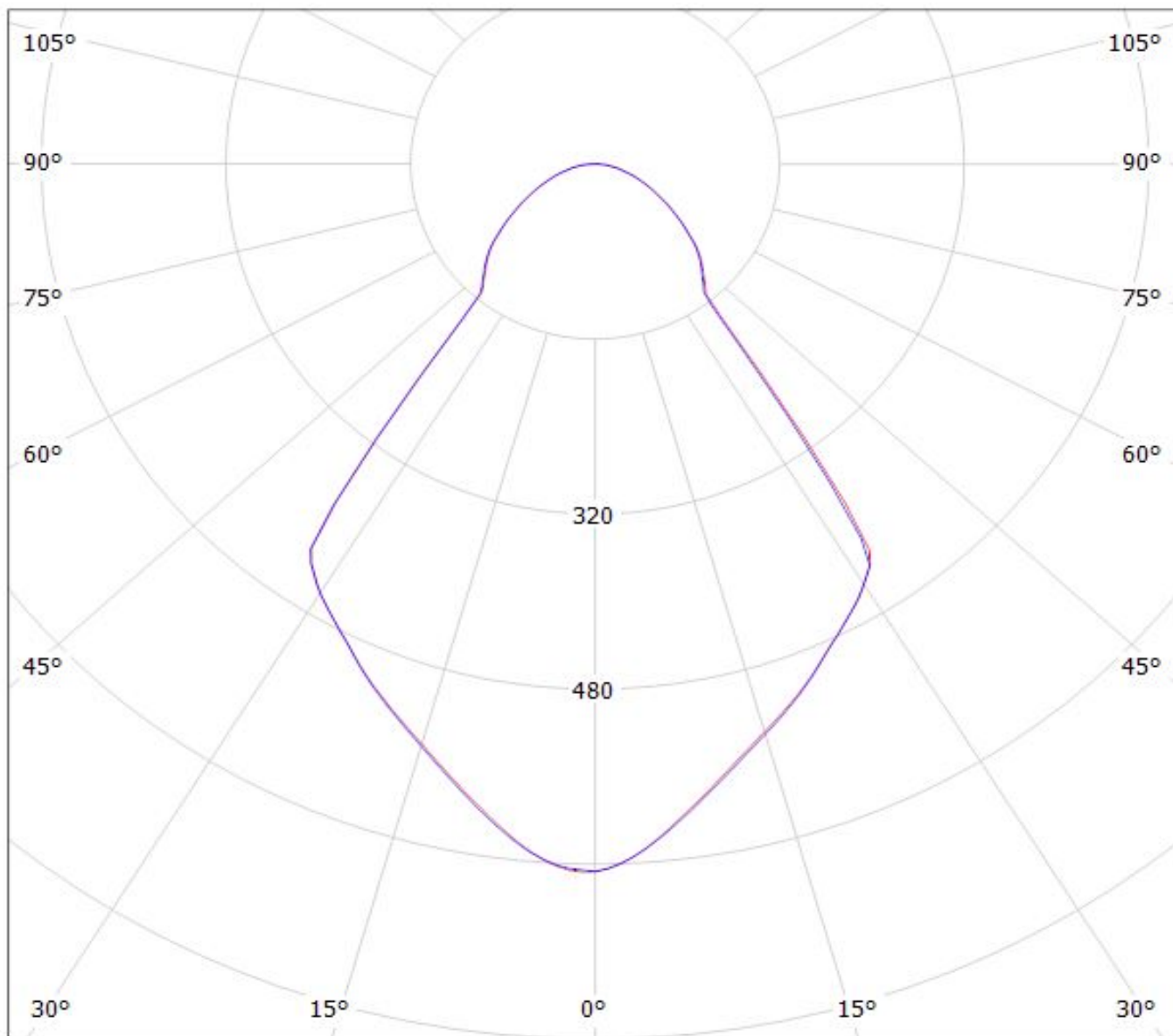


cd/klm
— C0 - C180 — C90 - C270

$\eta = 94\%$

Luminaire: LEDiL Oy F13841_ANGELA-XW-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

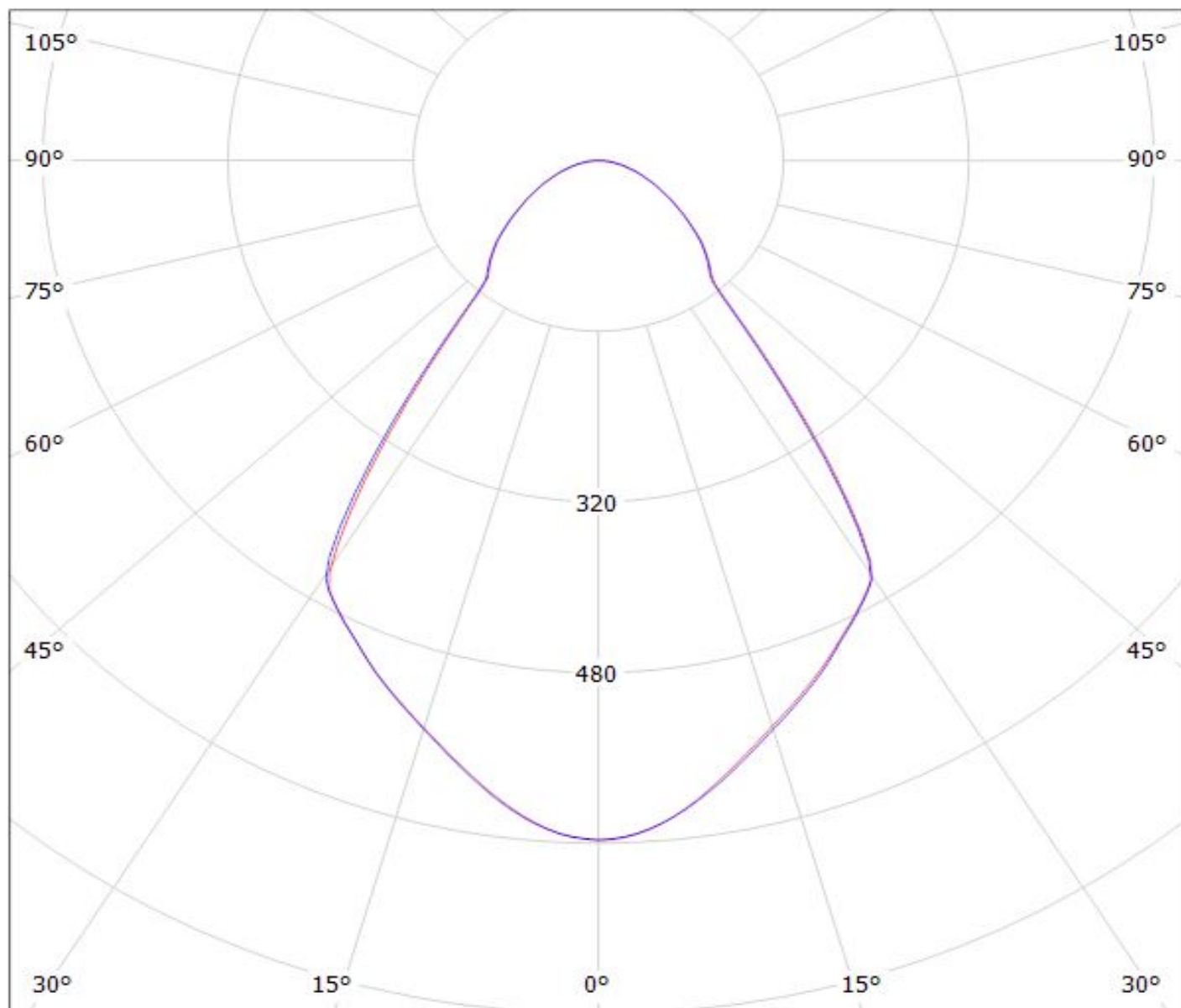
— C0 - C180

— C90 - C270

$\eta = 94\%$

Luminaire: LEDiL Oy F13841_ANGELA-XW-B_(CXA30)

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



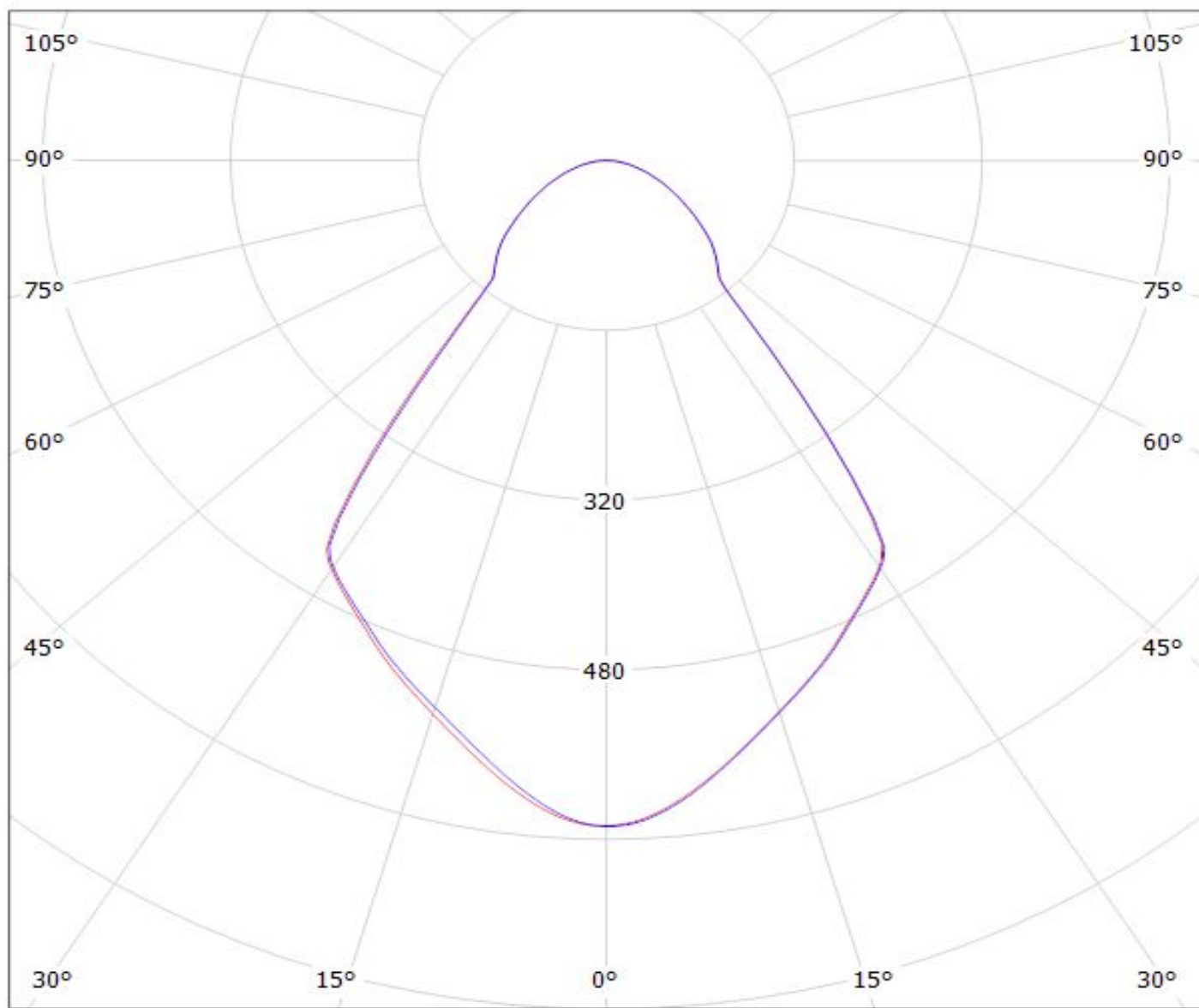
cd/klm

— C0 - C180

— C90 - C270

$\eta = 92\%$

Luminaire: LEDiL Oy F13841_ANGELA-XW-B_(CXA2590)
Lamps: 1 x CREE_CXA2590_(CXA2590-30F-Z4-RPH-00001)
_837.275lm@100mA_CCT=3000K_P=6.36316W_I=100.1mA

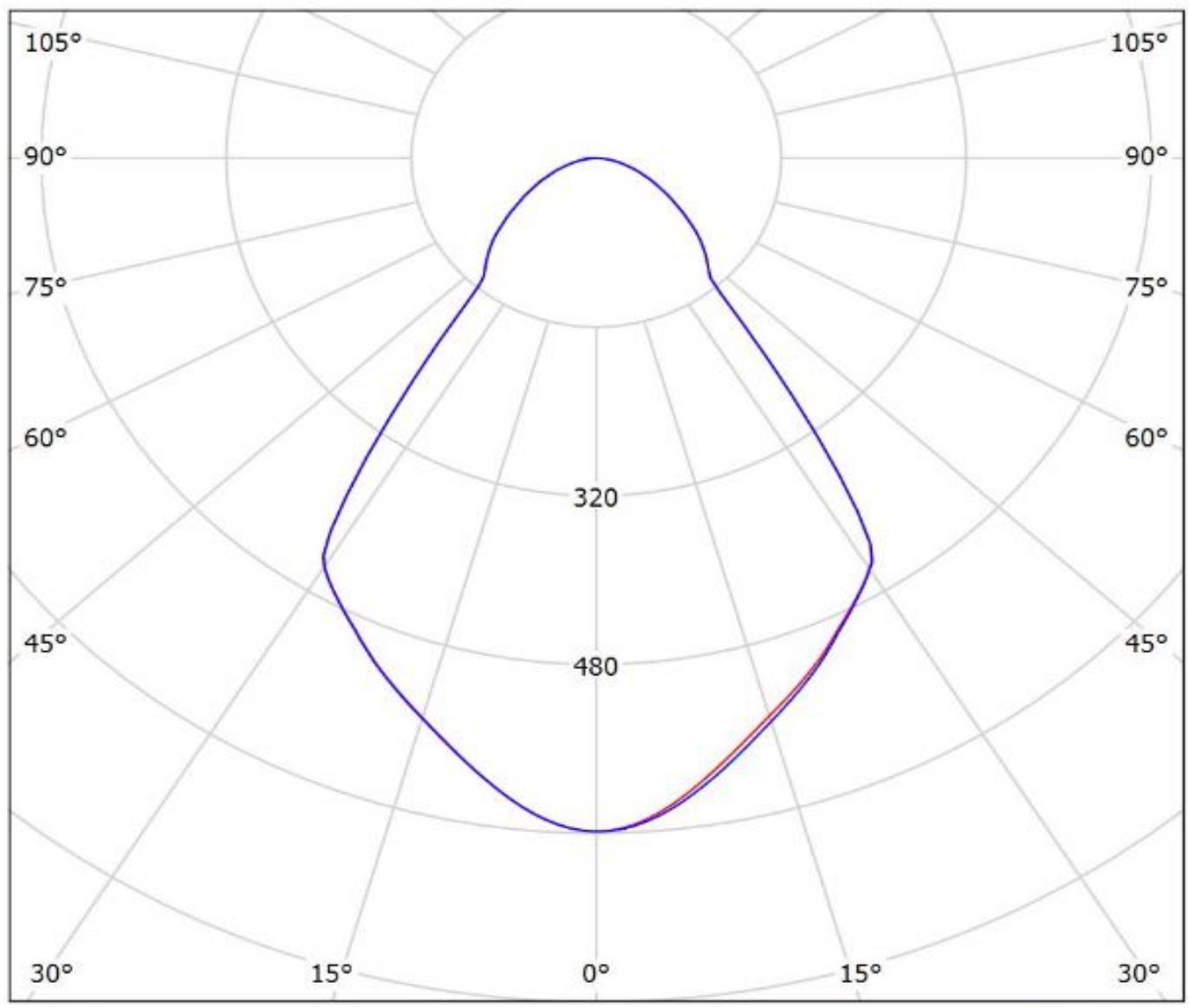


cd/klm

— C0 - C180 — C90 - C270

$\eta = 93\%$

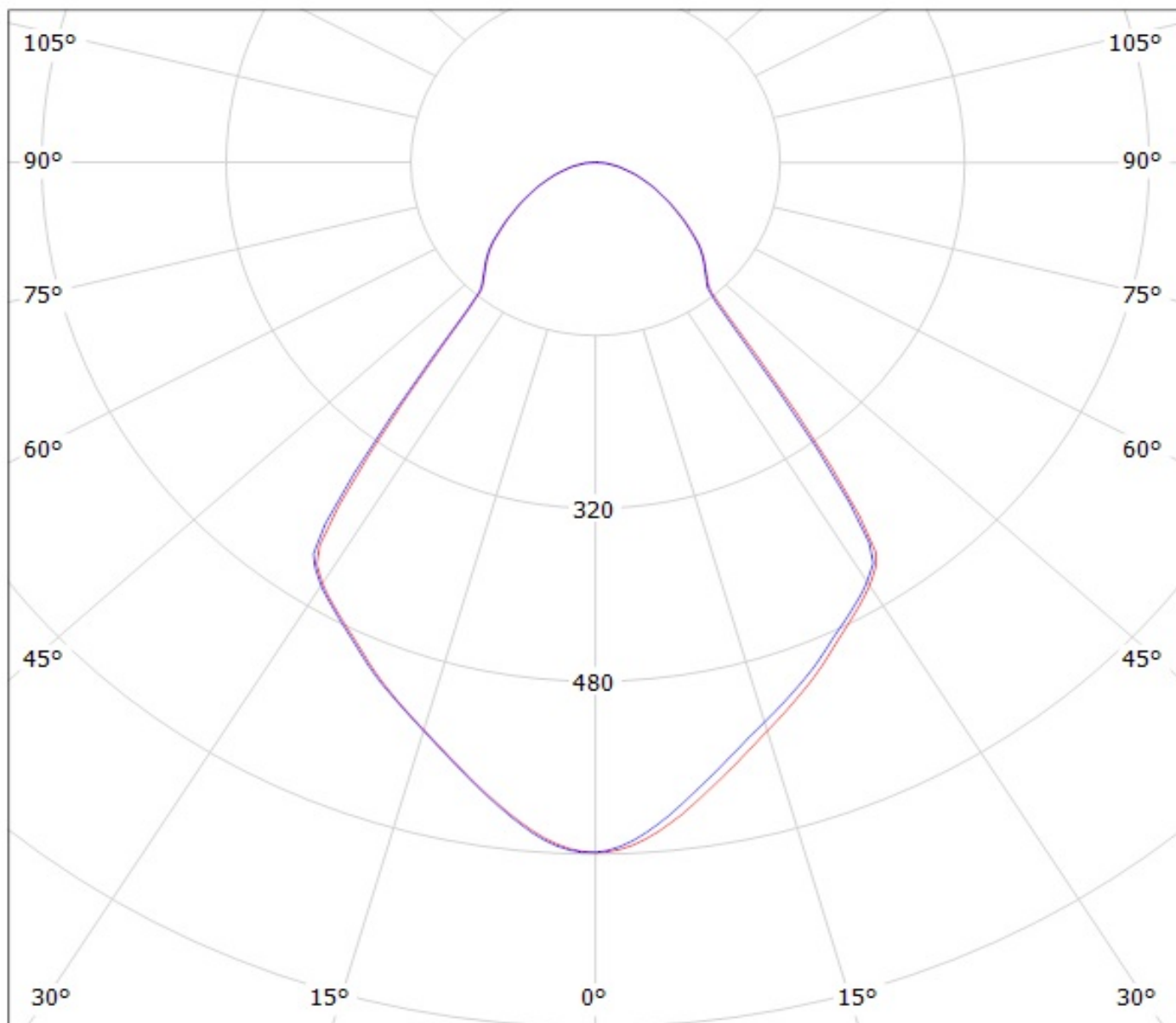
Luminaire: Ledil F13841_ANGELA-XW-B_(CXB2540+_BJB_47.319.2140)
Lamps: 1 x CREE_CXB2540_(-40G-W4-N0H-00002)
+_BJB_47.319.2140_1412.99lm@250mA_CCT=40000K_P=8.1310W_I=0.25A



cd/klm
— C0 - C180 — C90 - C270

$\eta = 93\%$

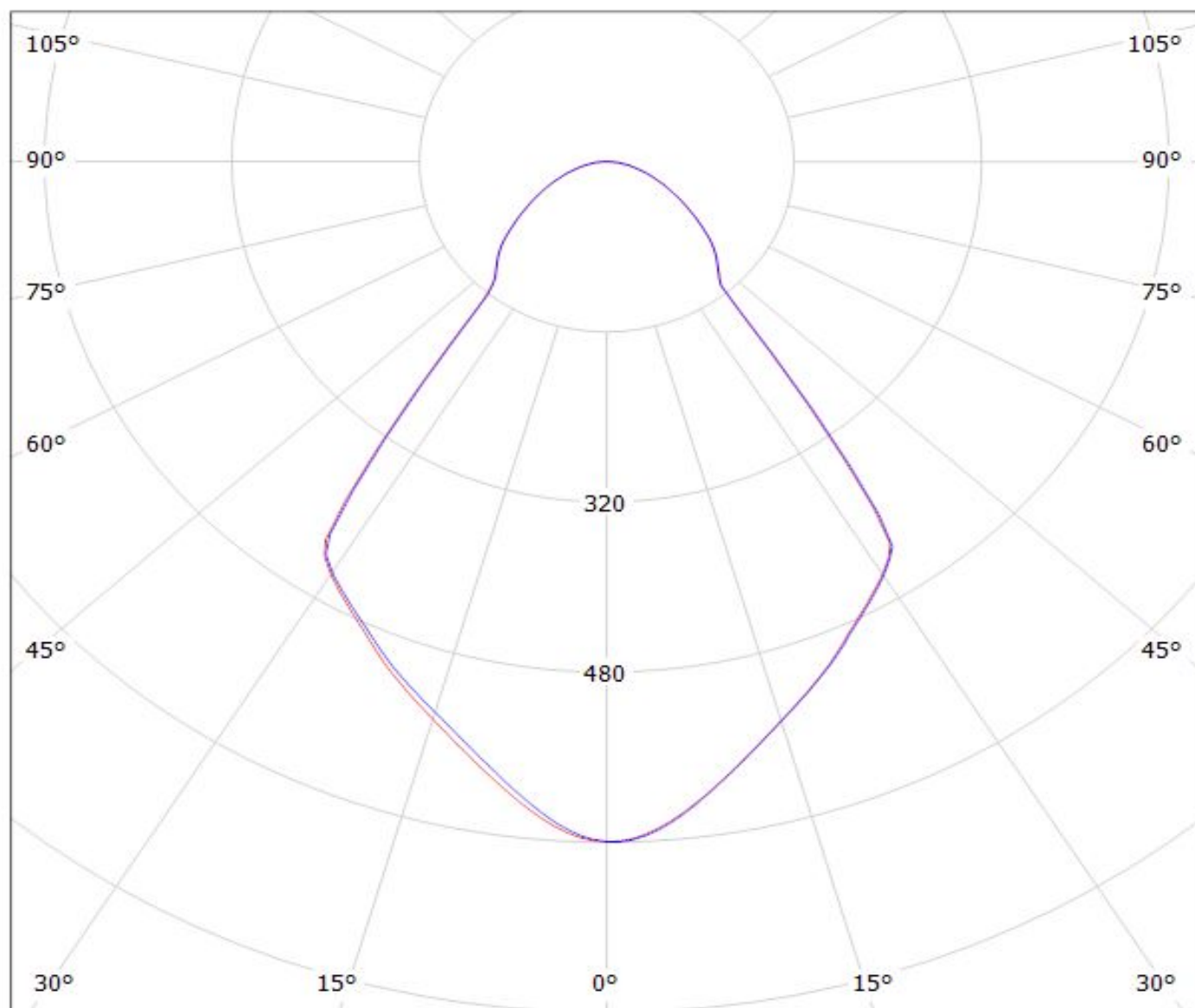
Luminaire: LEDiL Oy F13841_ANGELA-XW-B_(CoB_10W) Eff: 94%
Lamps: 1 x LG_CoB_10W_1065.04lm@250mA_P=9.11245W_I=249.8mA



cd/klm
— C0 - C180 — C90 - C270

Luminaire: LEDiL Oy F13841_ANGELA-XW-B_(LG_COB_10W)

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



cd/klm

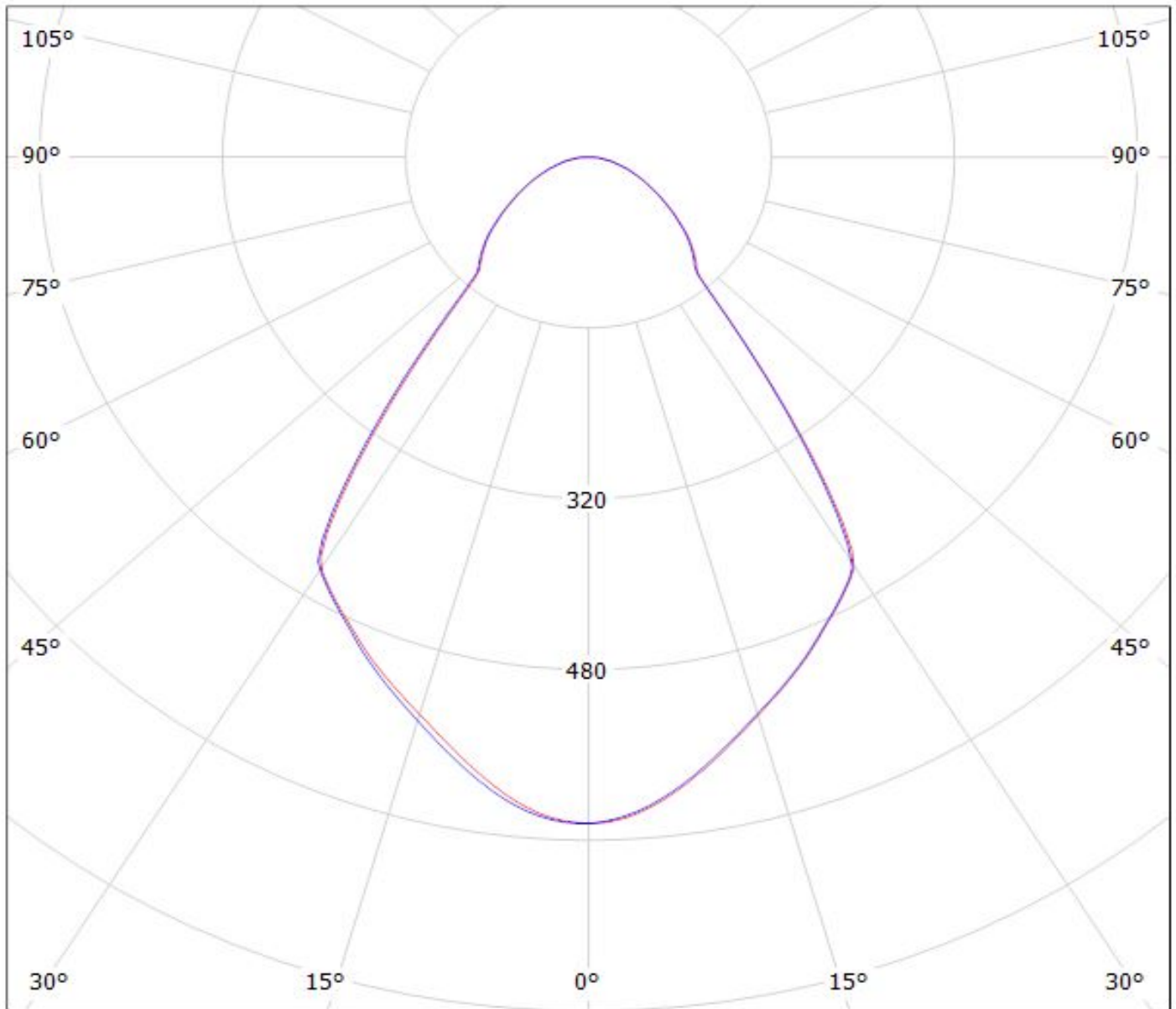
— C0 - C180

— C90 - C270

$\eta = 94\%$

Luminaire: LEDiL Oy F13841_ANGELA-XW-B (COB 40W)

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



cd/klm

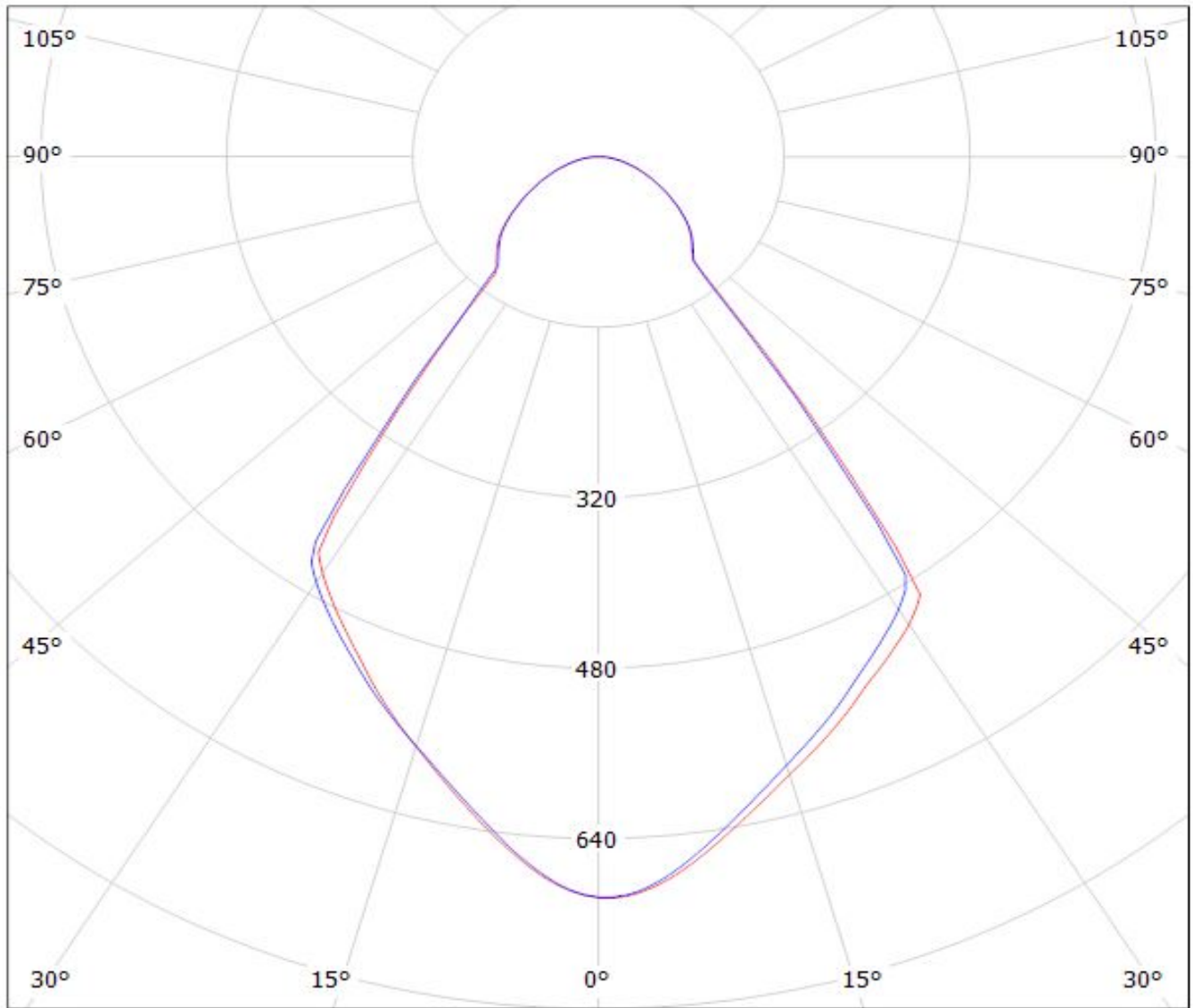
— C0 - C180

— C90 - C270

η = 92%

Luminaire: LEDiL Oy F13841_ANGELA-XW-B_(K12)

Lamps: 1 x Luxeon_K12_927.122lm@250mA_P=8.20472W_I=249.9mA



cd/klm

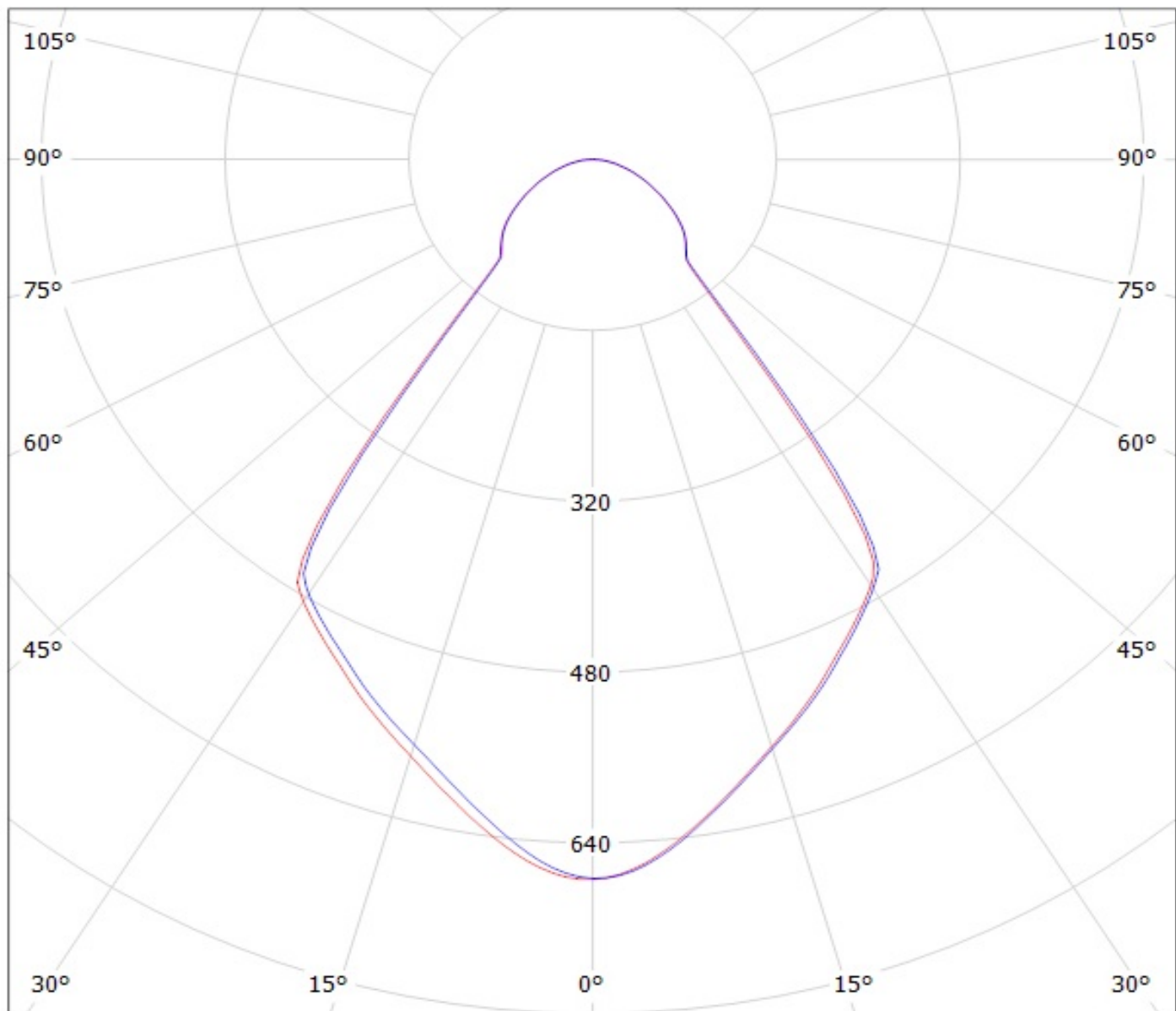
$\eta = 95\%$

— C0 - C180

— C90 - C270

Luminaire: LEDiL Oy F13841_ANGELA-XW-B_(Luxeon_K16) Eff: 94%

Lamps: 1 x Luxeon_K16+(BJB_47.319.2070)_1221.7lm@250mA_P=10.948W_I=249.8mA

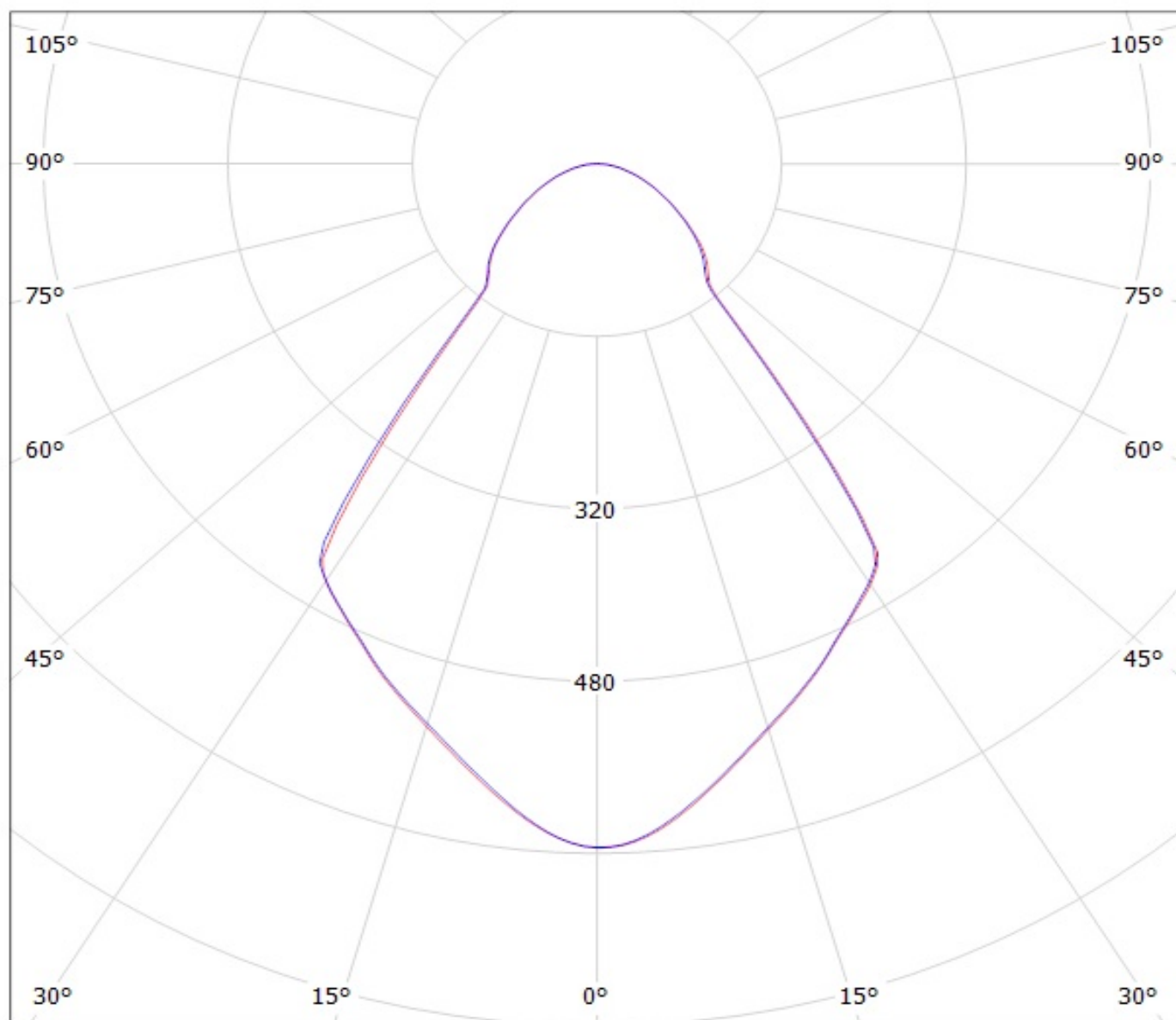


cd/klm

— C0 - C180

— C90 - C270

Luminaire: LEDiL Oy F13841_ANGELA-XW-B_(Luxeon_CoB_1208)
Lamps: 1 x Luxeon_CoB_1208_1045.92lm@250mA_P=8.25314W_I=249.8mA

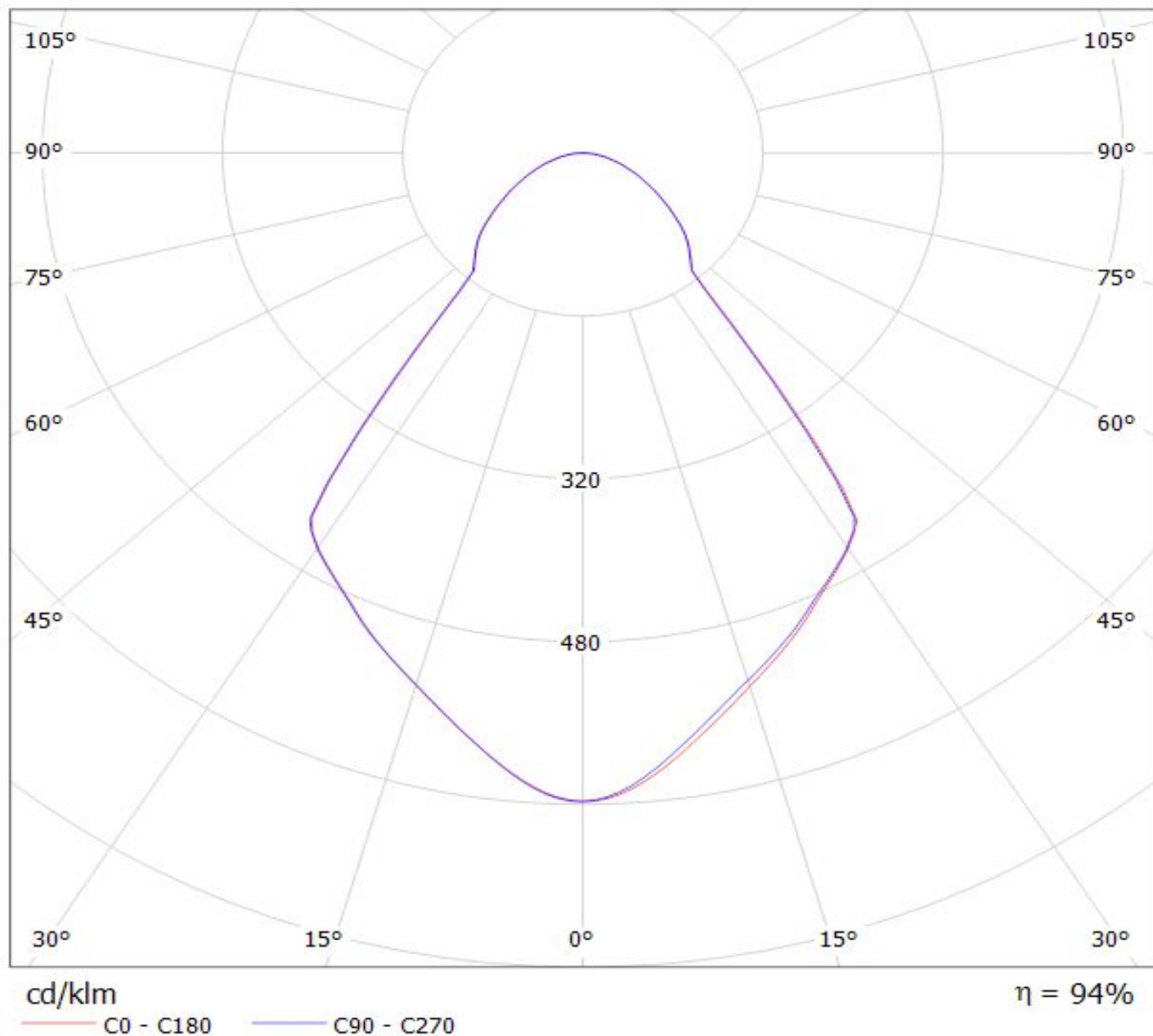


cd/klm

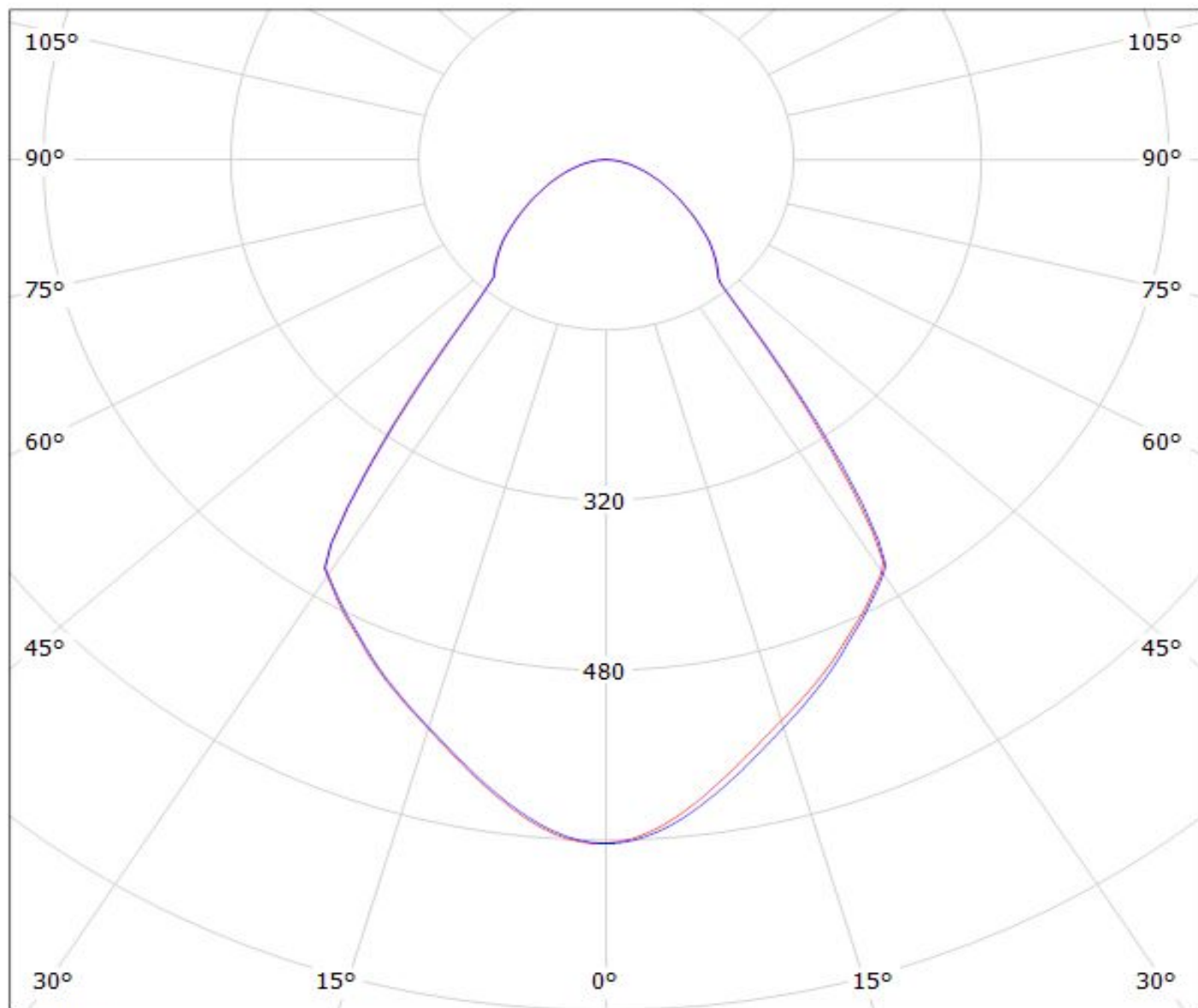
η = 94%

— C0 - C180 — C90 - C270

Luminaire: LEDiL Oy F13841_ANGELA-XW-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 F13841_ANGELA-XW-B_(Luxeon_CoB_1211)
Lamps: 1 x LUXEON_COB_1211_(LHC1-2790-1211)
_923.583lm@250mA_CCT=2700K_P=8.00909W_I=249.8mA



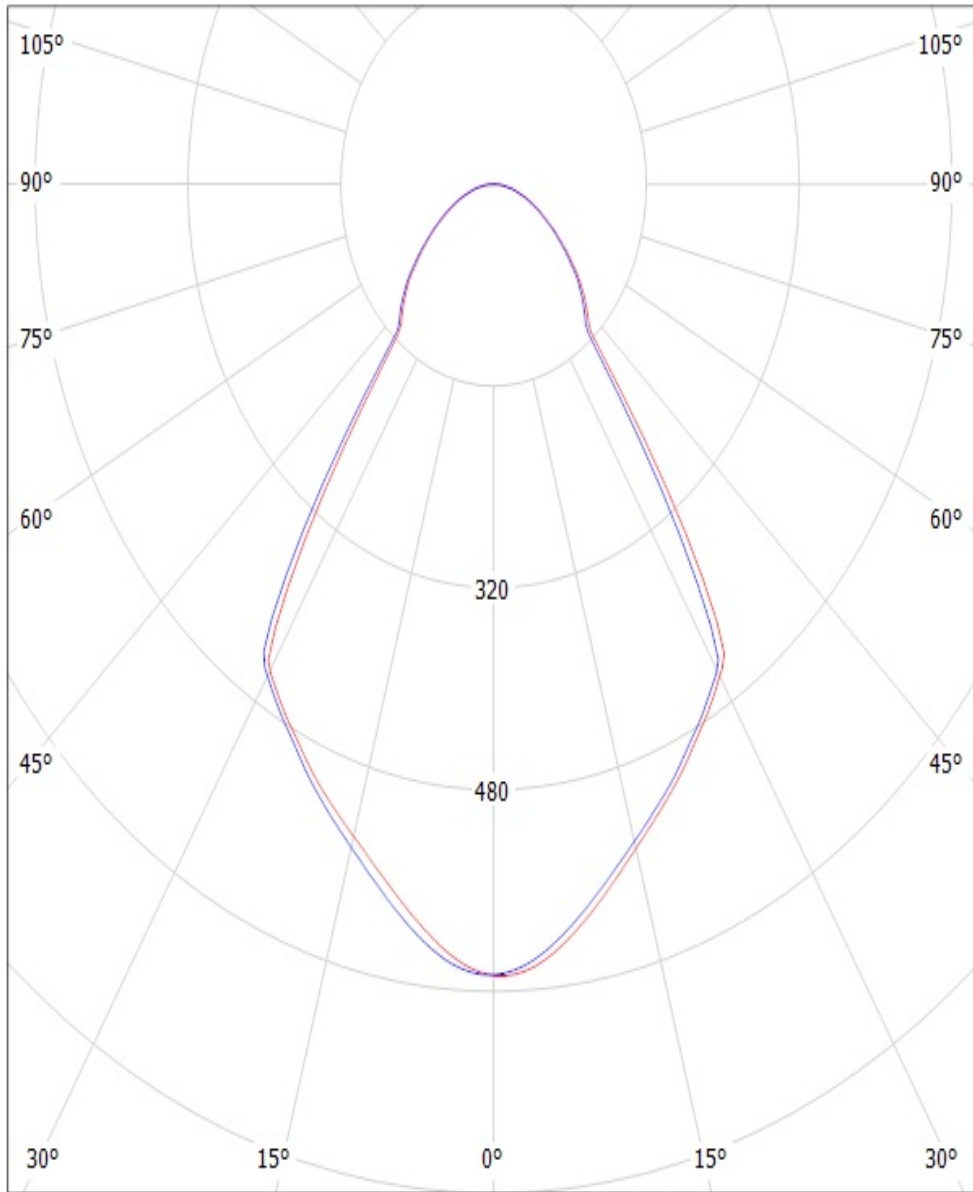
cd/klm

— C0 - C180 — C90 - C270

$\eta = 93\%$

Luminaire: LEDiL Oy F13841_ANGELA-XW-B_(Luxeon_CoB_1211)_(BJB2030)

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



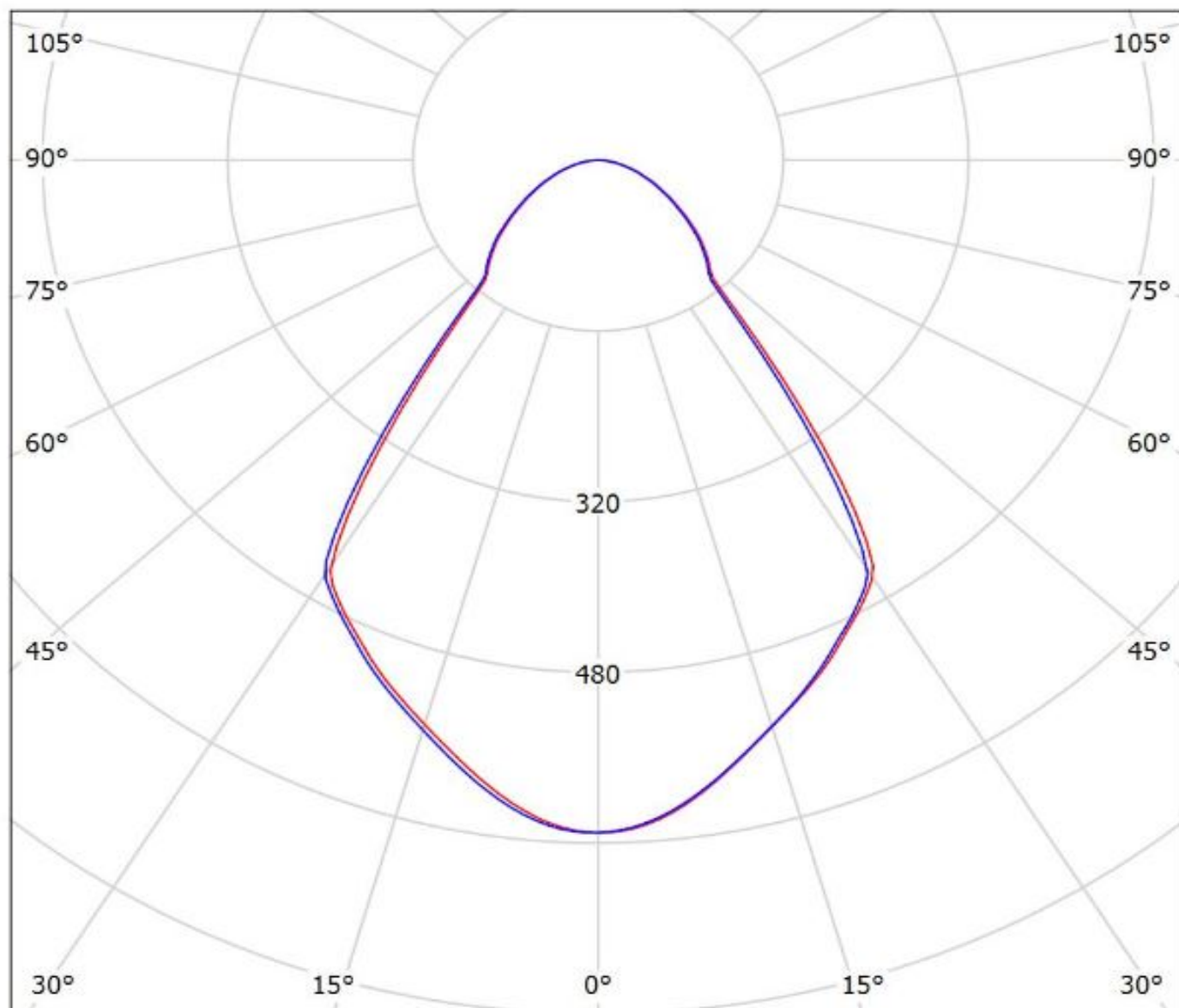
cd/klm

— C0 - C180 — C90 - C270

$\eta = 93\%$

Luminaire: Ledil F13841_ANGELA-XW-B_(CoB_1216)

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



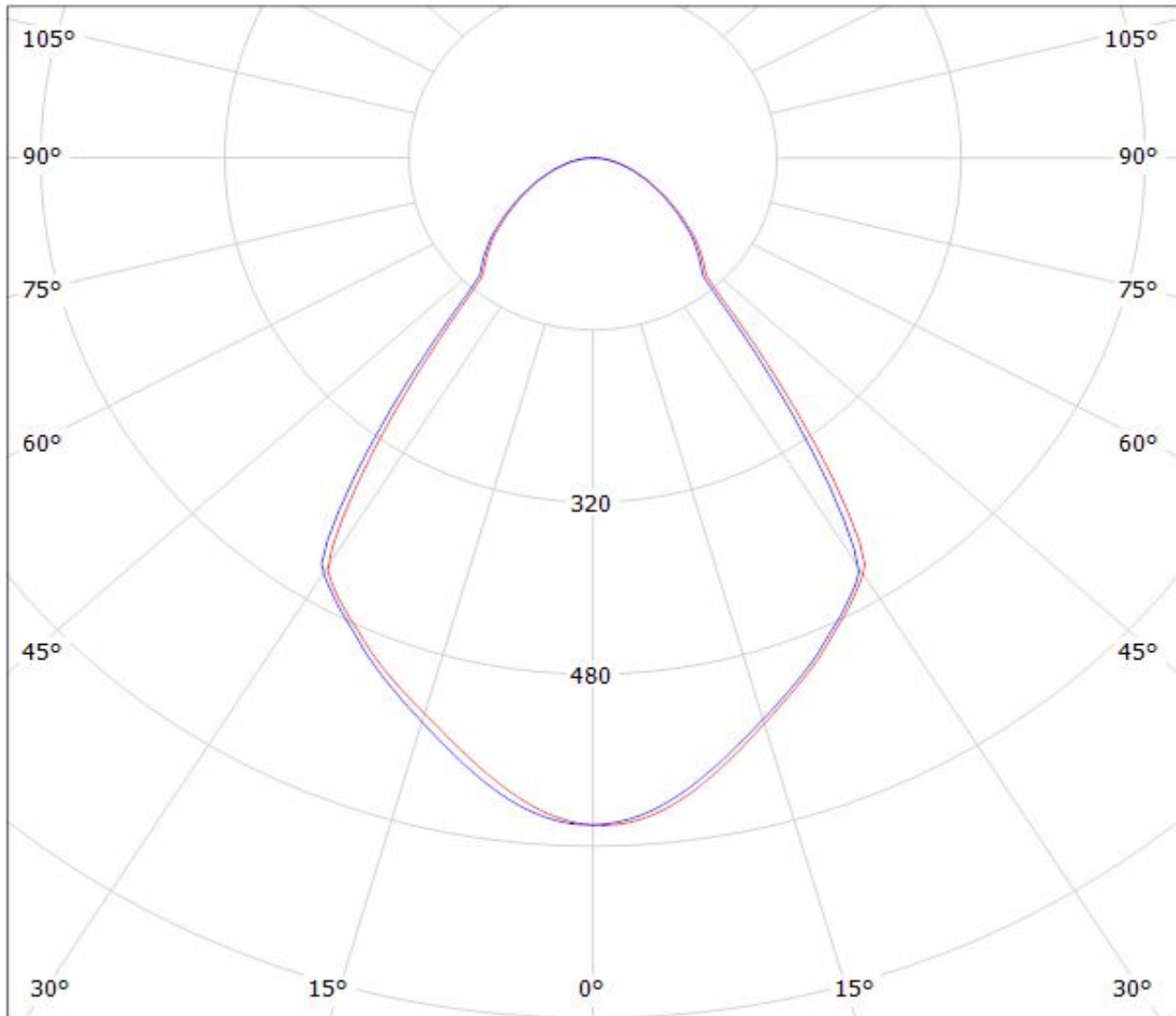
cd/klm

— C0 - C180

— C90 - C270

η = 93%

Luminaire: LEDiL Oy F13841_ANGELA-XW-B_(CXM-22) Eff.92.9%
Lamps: 1 x LUMINUS_CXM-22_1221.8lm@250mA_P=8.00809W_CCT=3000K_I=249.8mA

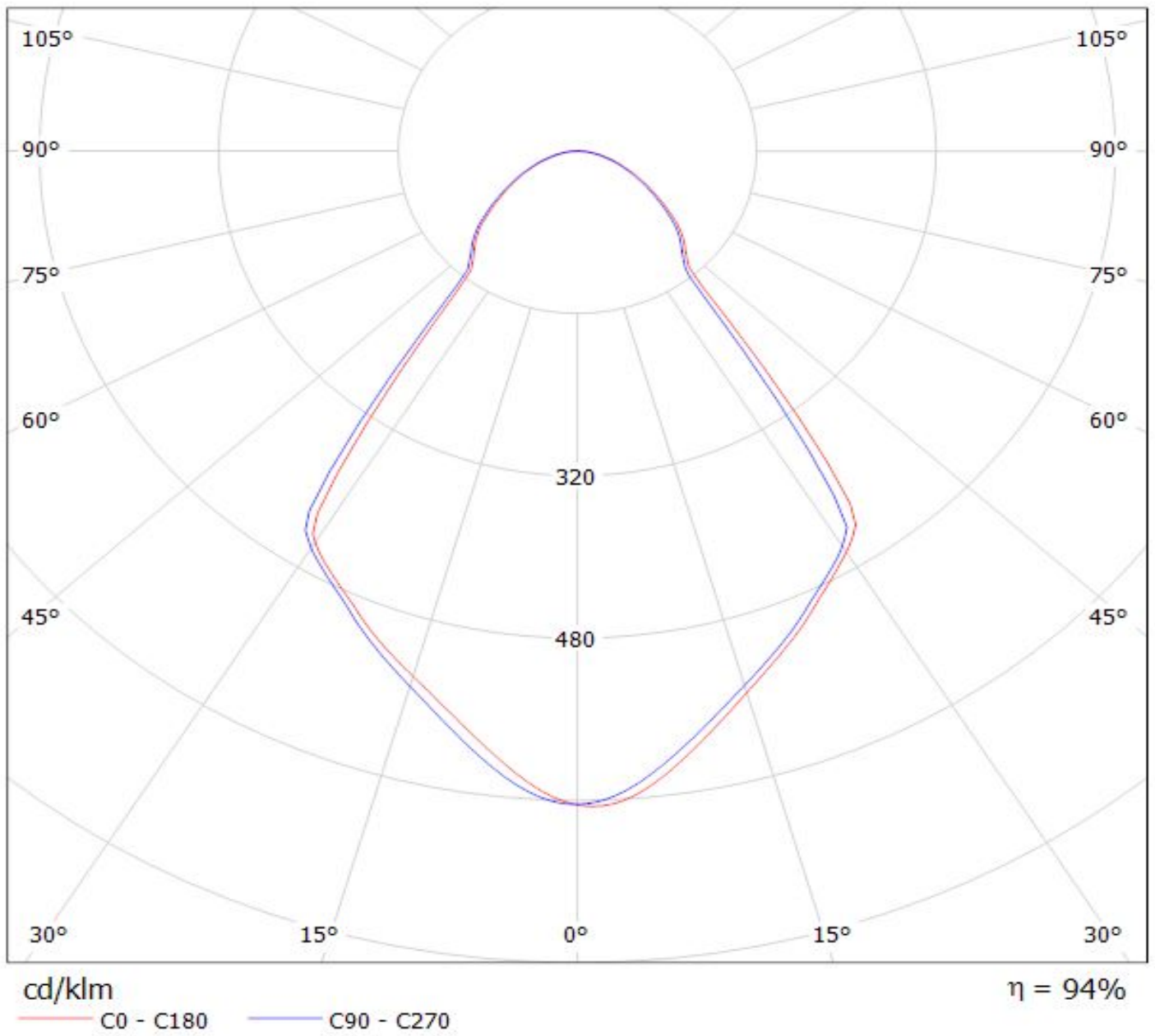


cd/klm

— C0 - C180 — C90 - C270

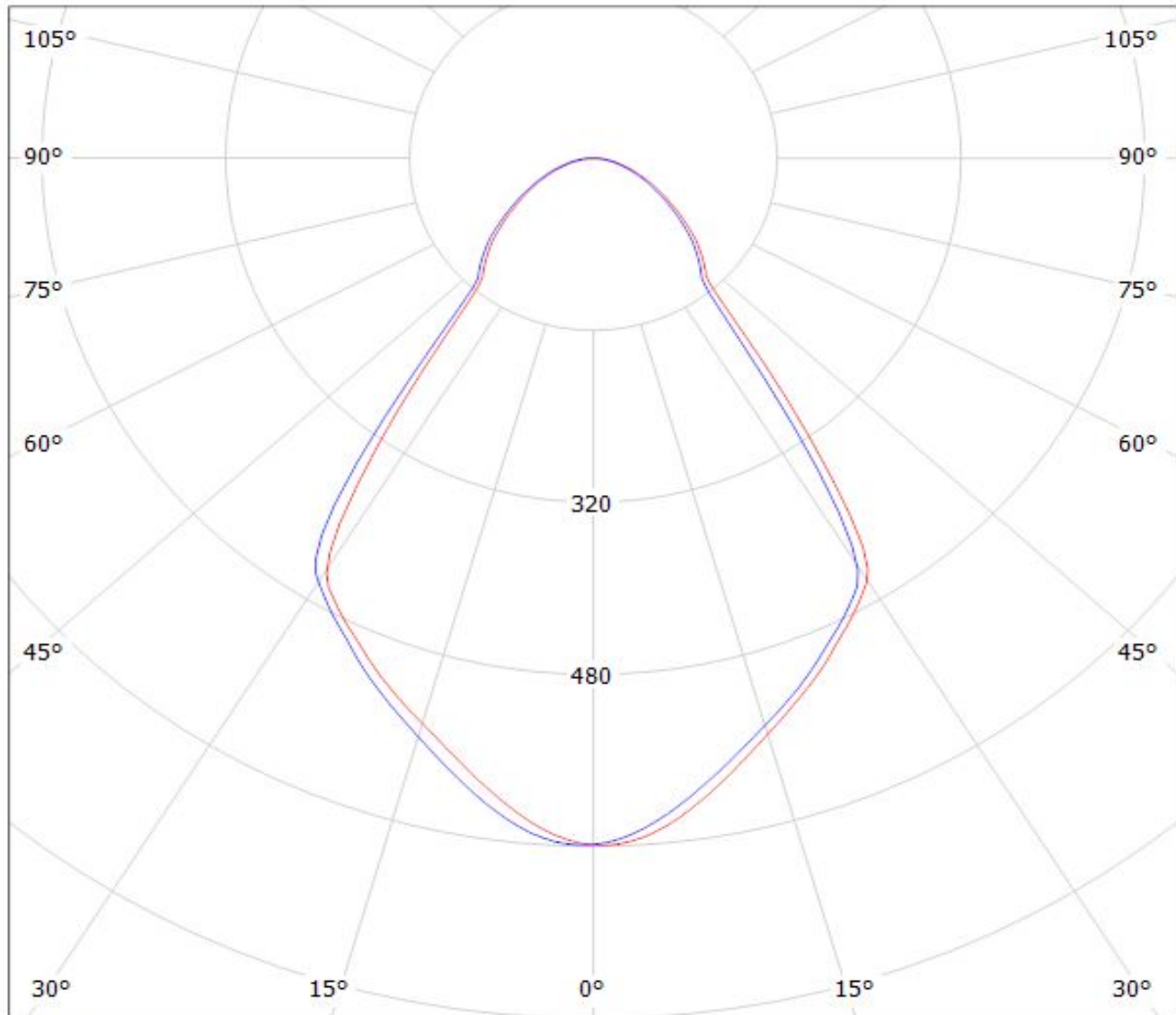
$\eta = 93\%$

Luminaire: LEDiL Oy F13841_ANGELA-XW-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 F13841_ANGELA-XW-B_(SOLERIQ_E30)

Lamps: 1 x Osram_SOLERIQ_E30_1278.11lm@250mA_P=10.0015W_I=249.8mA



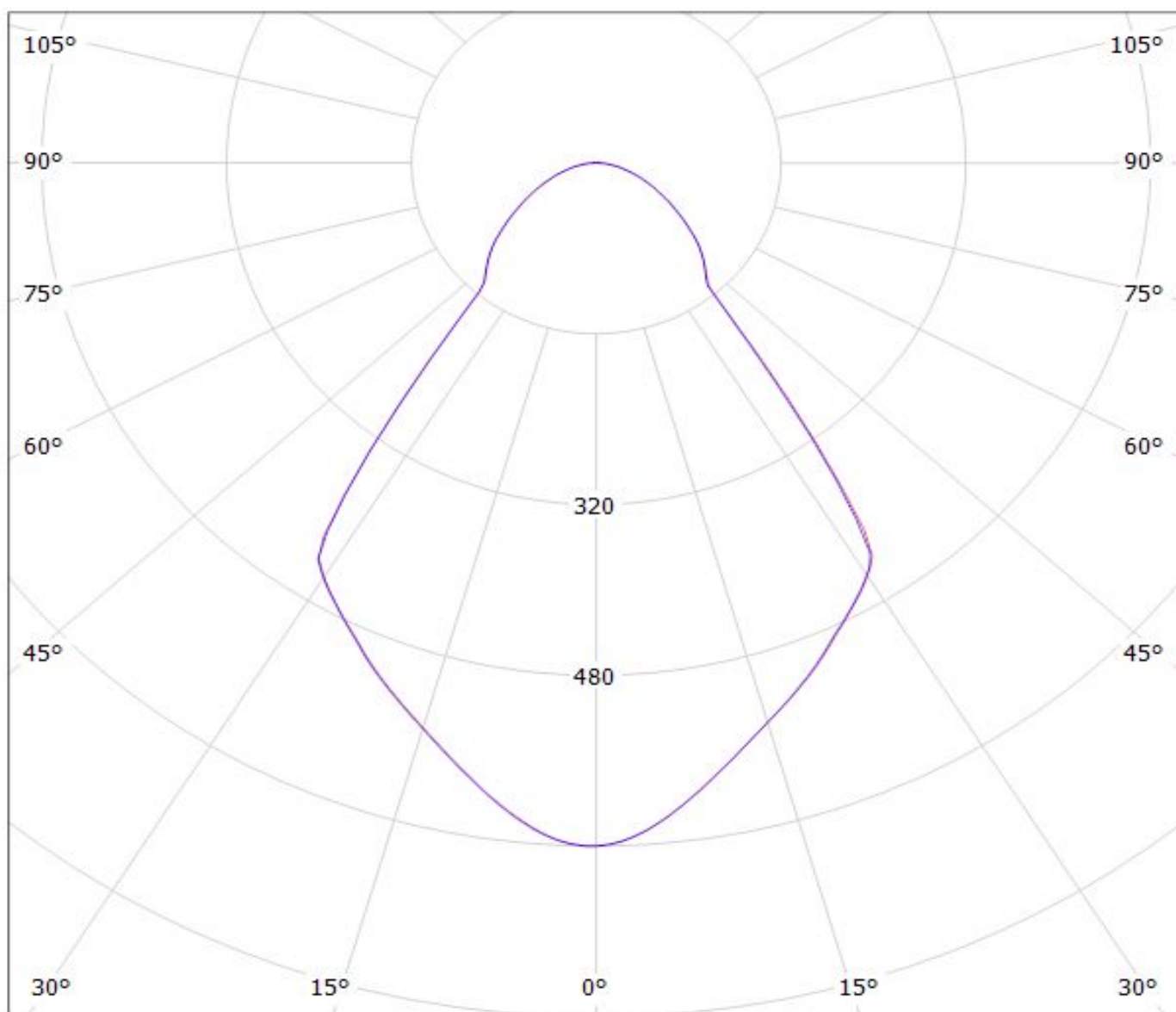
cd/klm

$\eta = 93\%$

— C0 - C180

— C90 - C270

Luminaire: LEDiL Oy F13841_ANGELA-XW-B_(Soleriq S19) Eff.93.8%
Lamps: 1 x OSRAM_SOLERIQ_S19_(GW_KAHJB1.EM)
_1445.44lm@250mA_CCT=3000K_P=10.558W_I=249.8mA



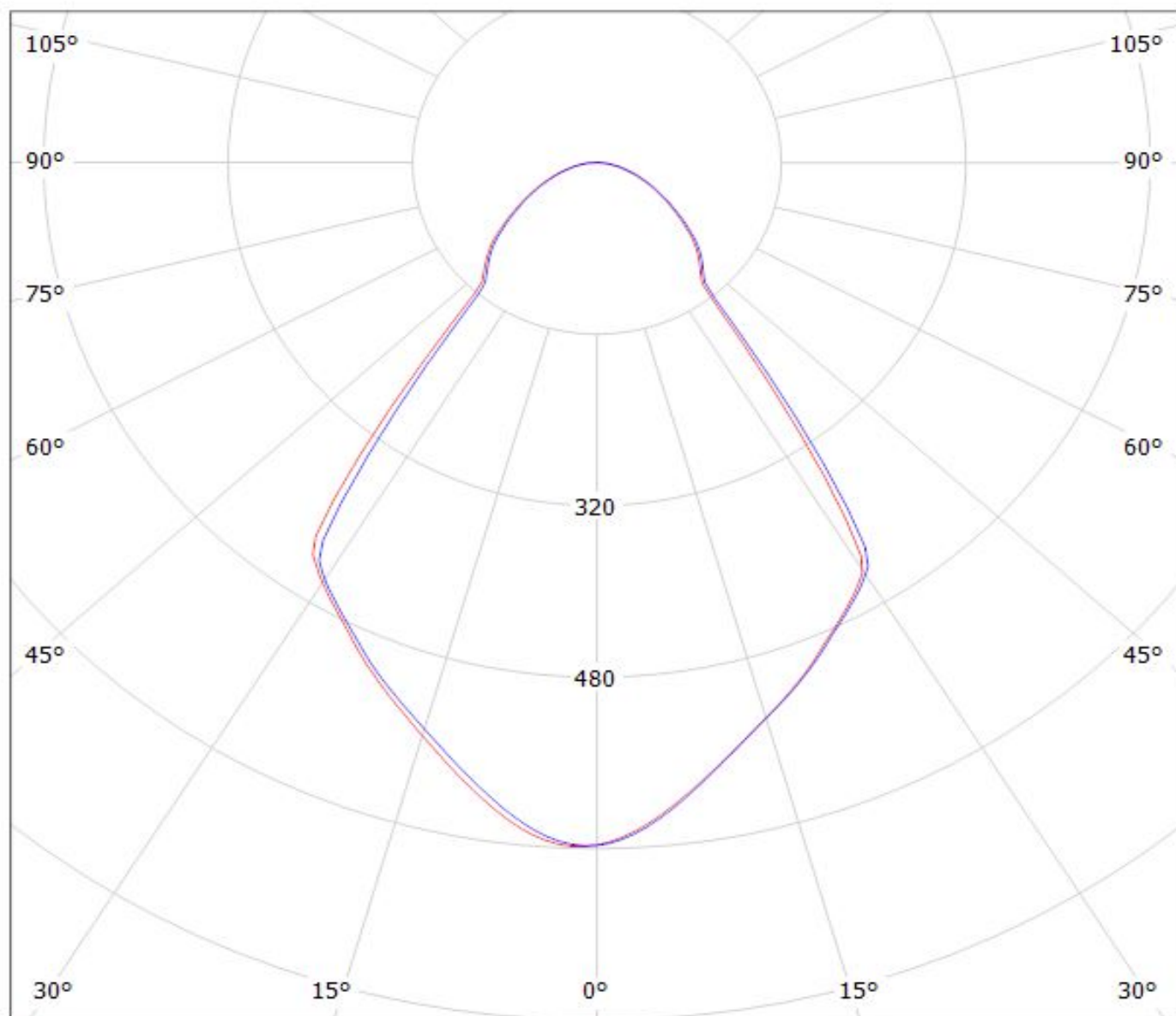
cd/klm

— C0 - C180 — C90 - C270

$\eta = 94\%$

Luminaire: LEDiL Oy F13841_ANGELA-XW-B_(S19) Eff.93.0%

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



cd/klm

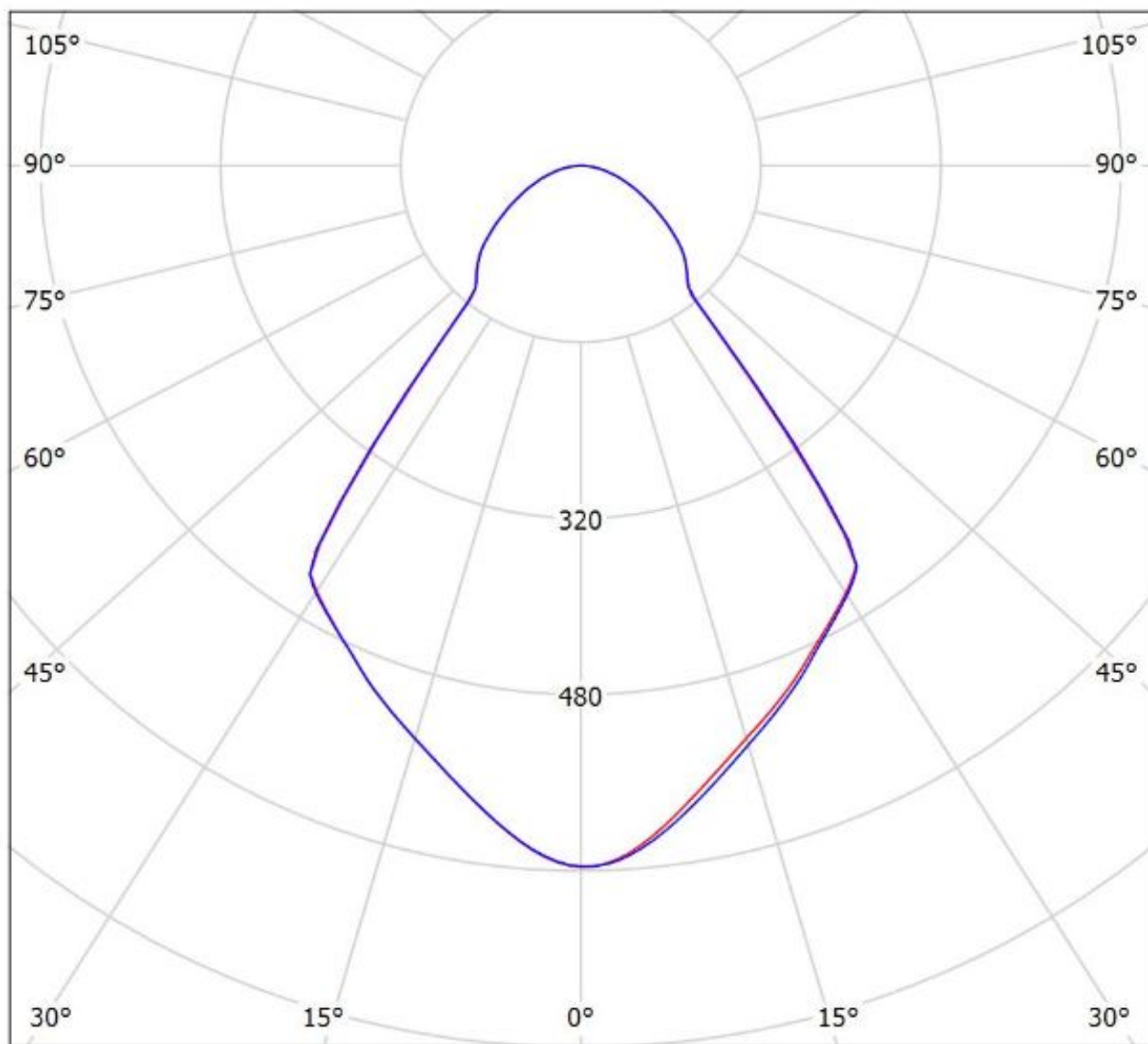
— C0 - C180

— C90 - C270

$\eta = 93\%$

Luminaire: LEDiL Oy F13841_ANGELA-XW-B_(SOLERIQ_P13)

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



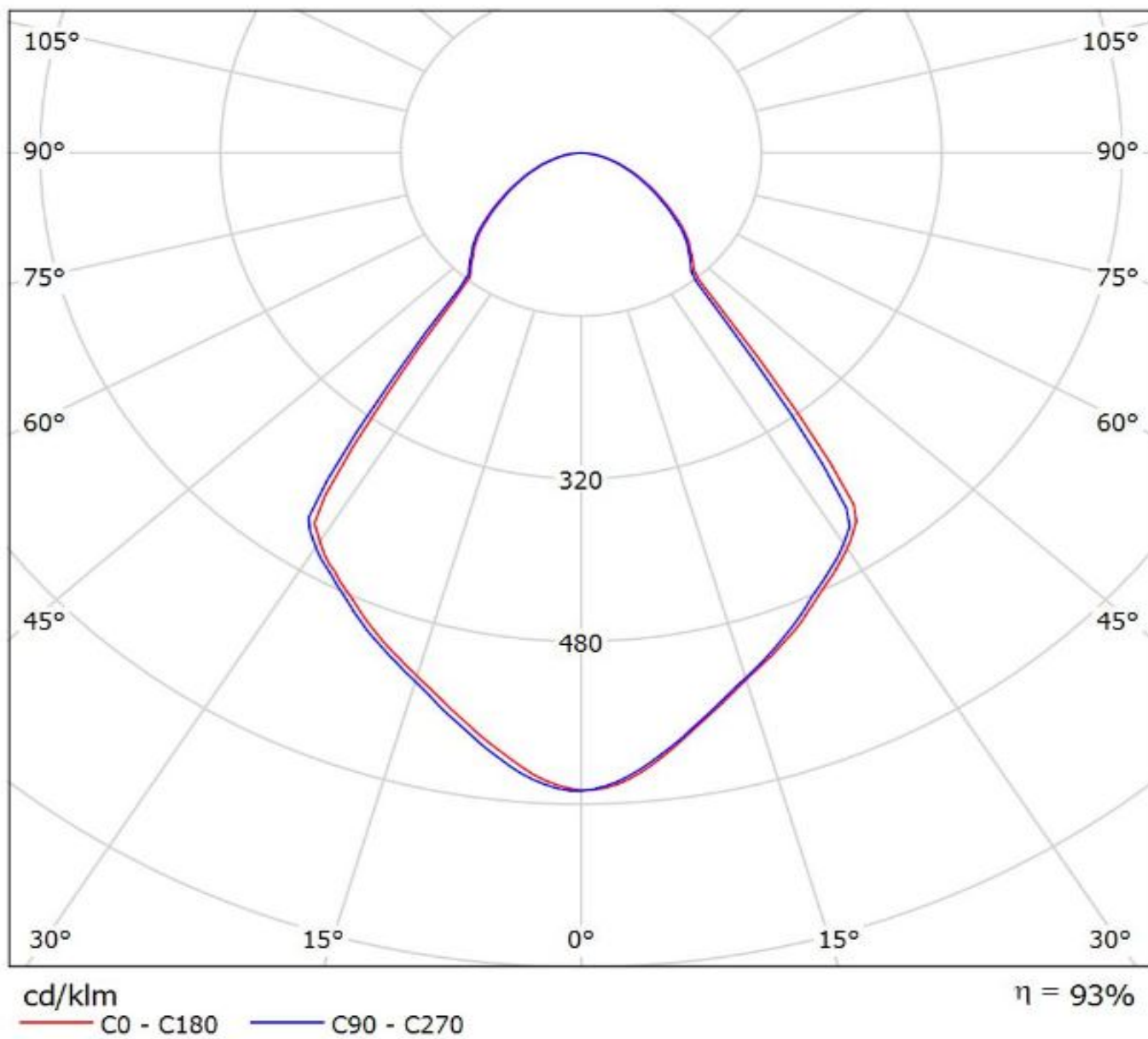
cd/klm

— C0 - C180 — C90 - C270

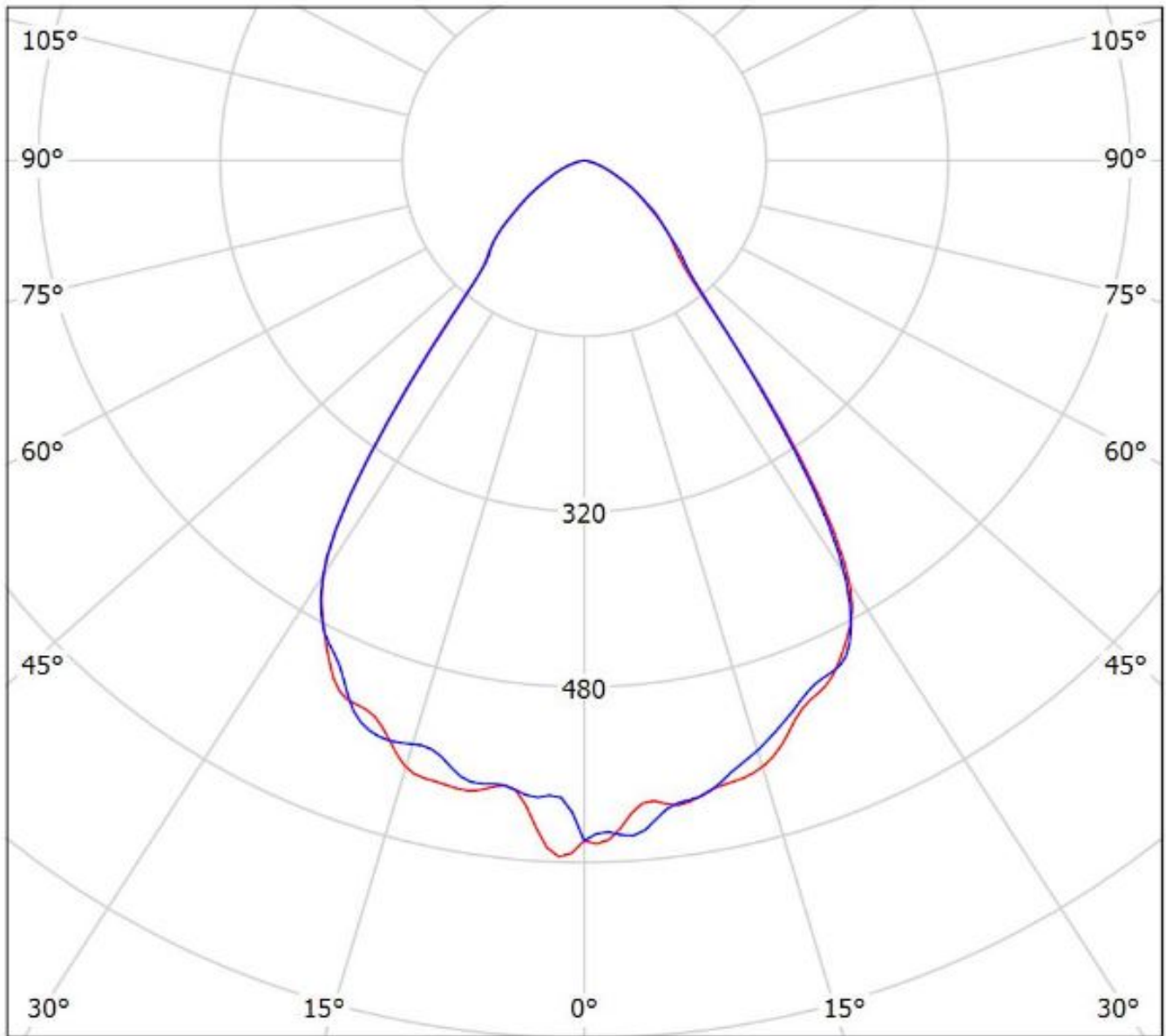
$\eta = 94\%$

Luminaire: Ledil F13841_ANGELA-XW-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 F13841_ANGELA-XW-B+_BJB_47.319.2030_SAMSUNG_COB_D_LC040D_SIMULATED
Lamps: 1 x SAMSUNG LC040D



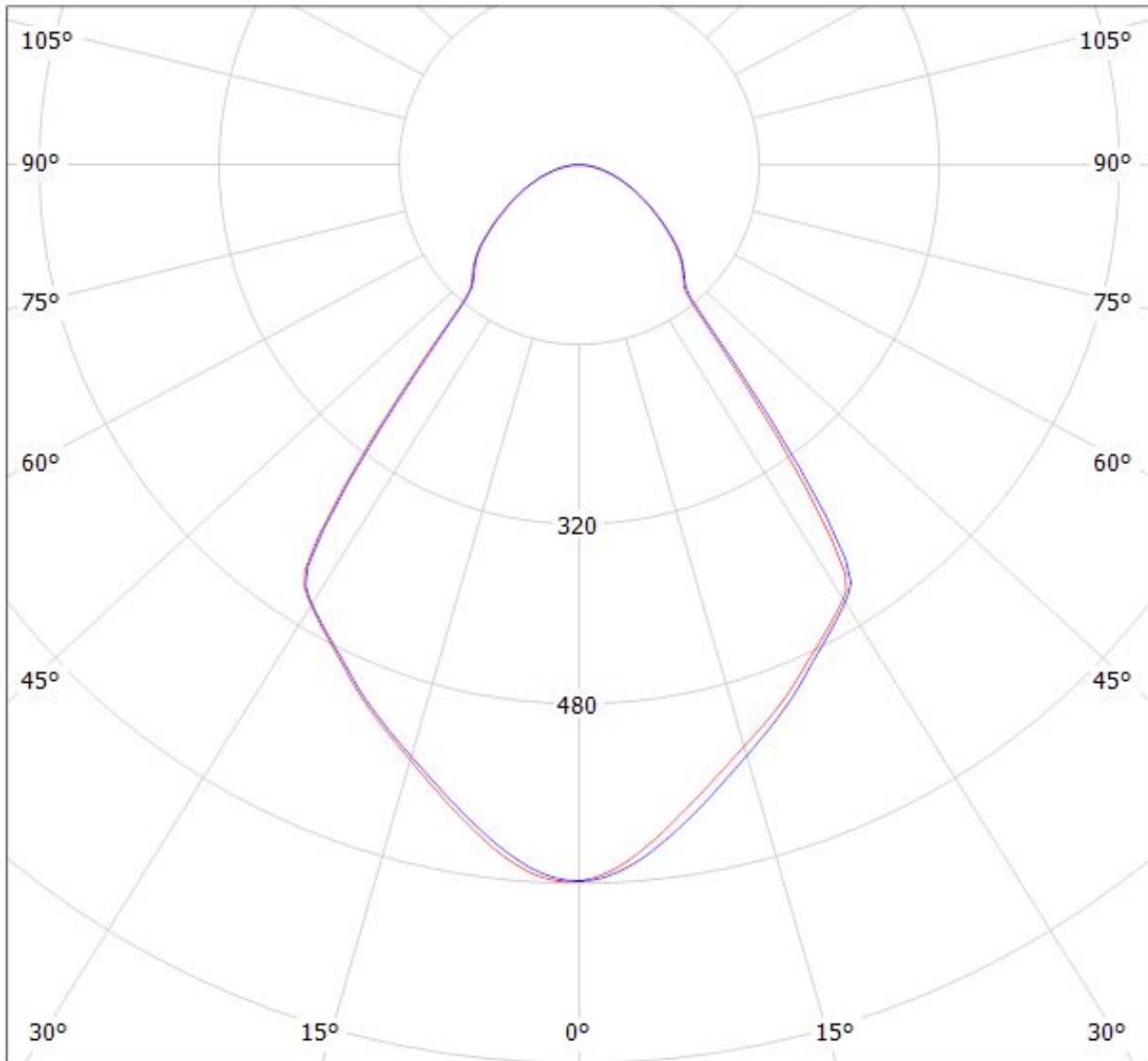
cd/klm

— C0 - C180 — C90 - C270

$\eta = 85\%$

Luminaire: LEDiL Oy F13841_ANGELA-XW-B_(COB_D_14,5mm)

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



cd/klm

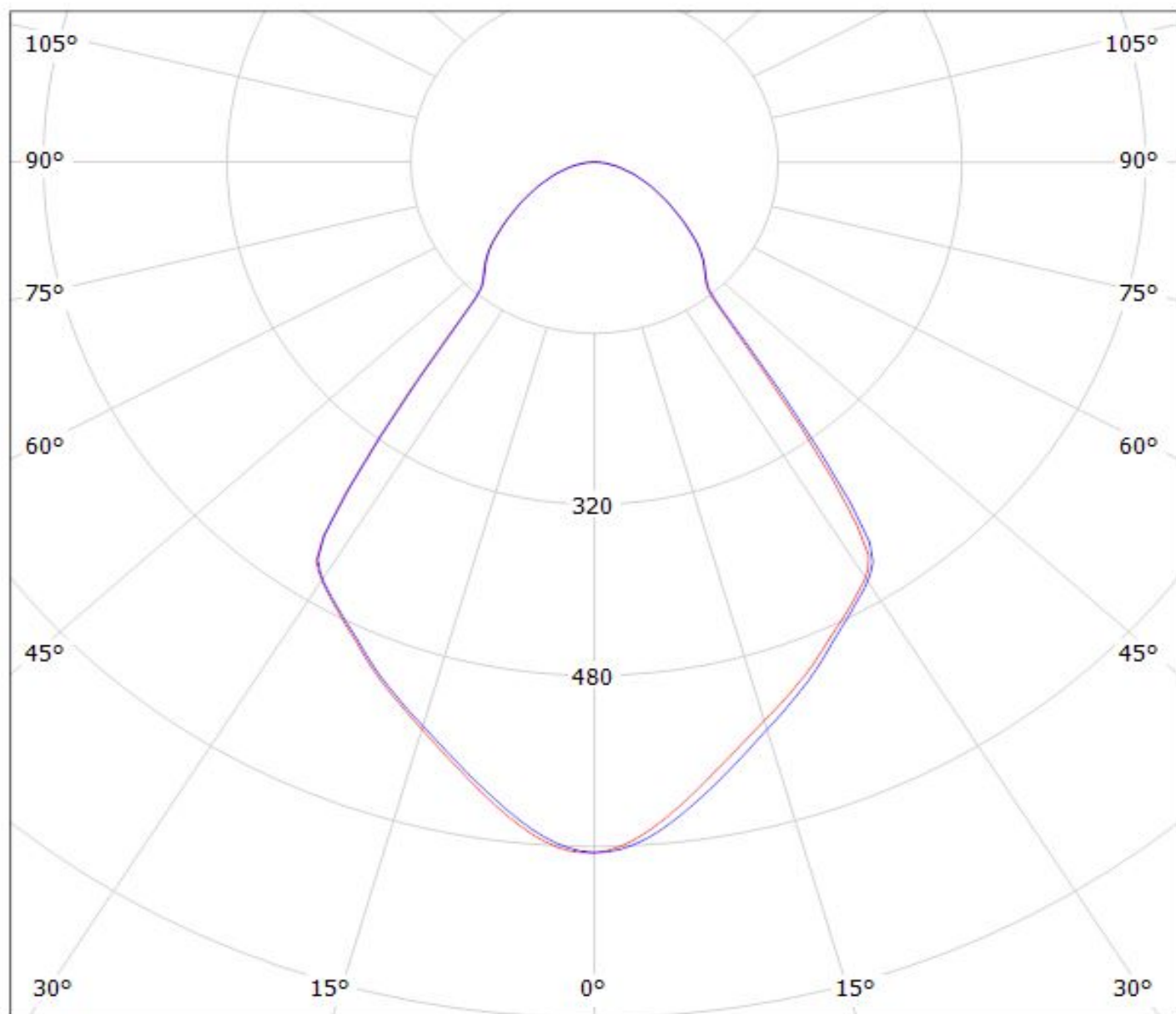
— C0 - C180

— C90 - C270

$\eta = 93\%$

Luminaire: LEDiL Oy F13841_ANGELA-XW-B_(ZC12)

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



cd/klm

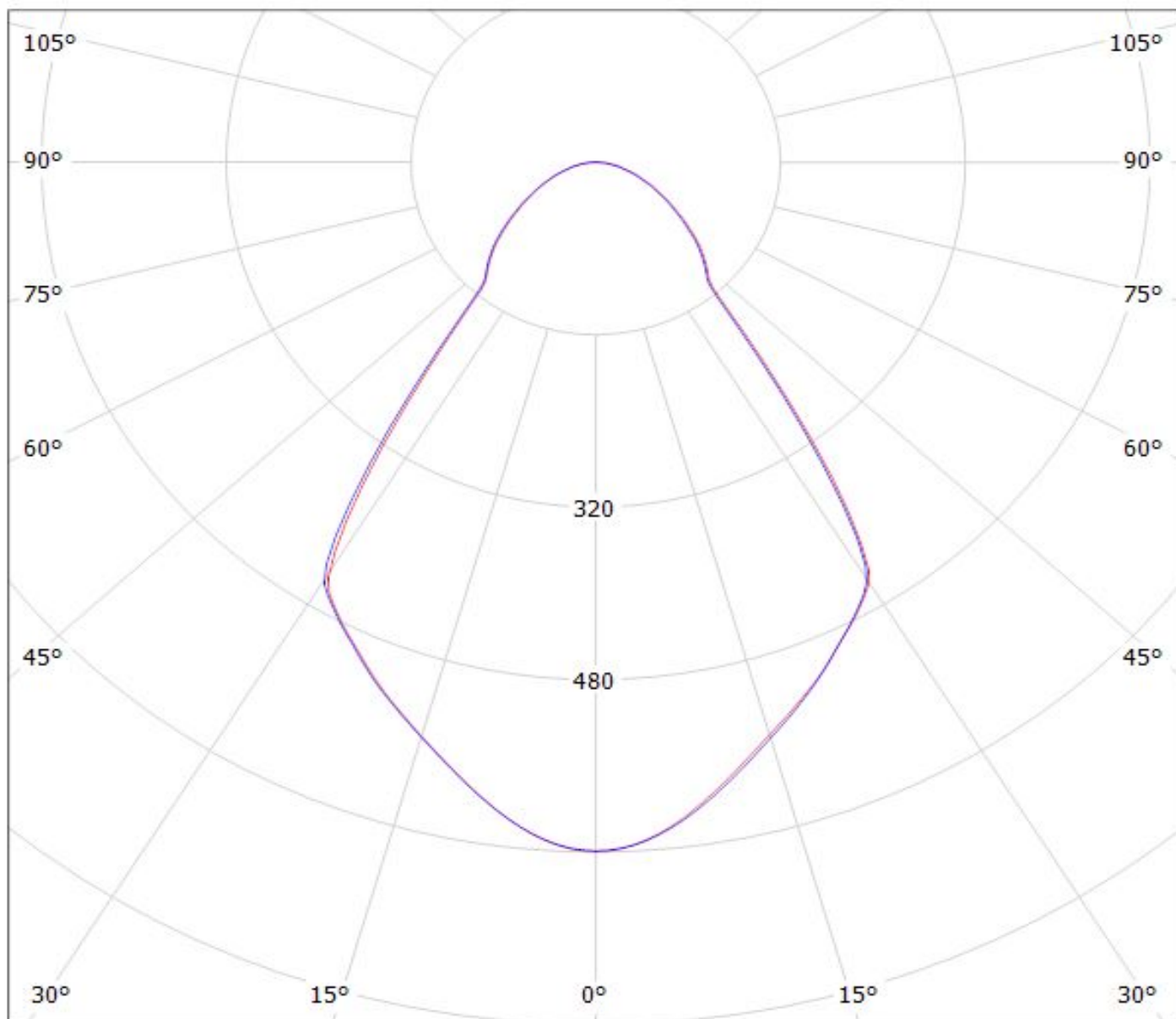
— C0 - C180

— C90 - C270

$\eta = 93\%$

Luminaire: LEDiL Oy F13841_ANGELA-XW-B_(ZC40)

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



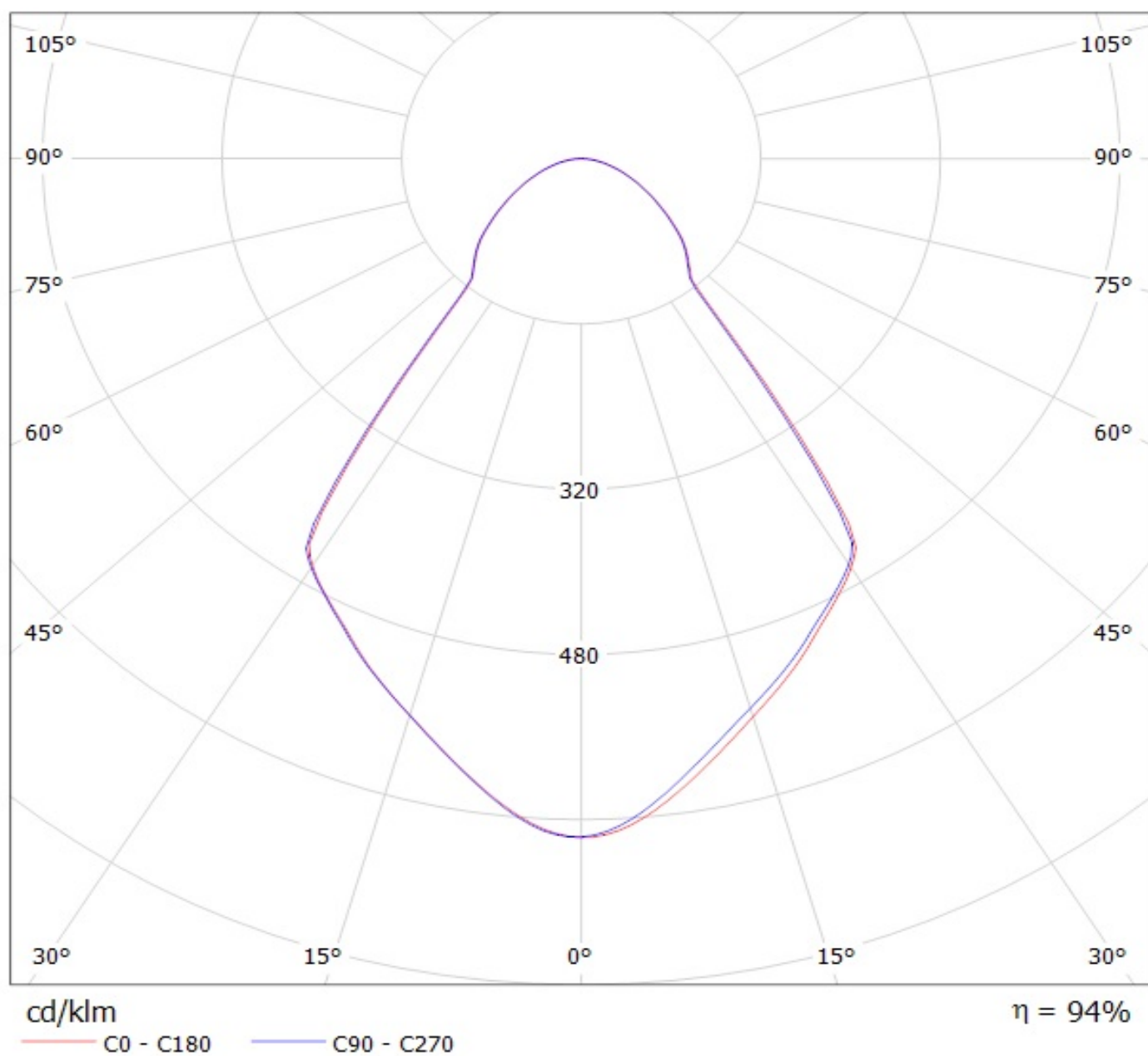
cd/klm

— C0 - C180

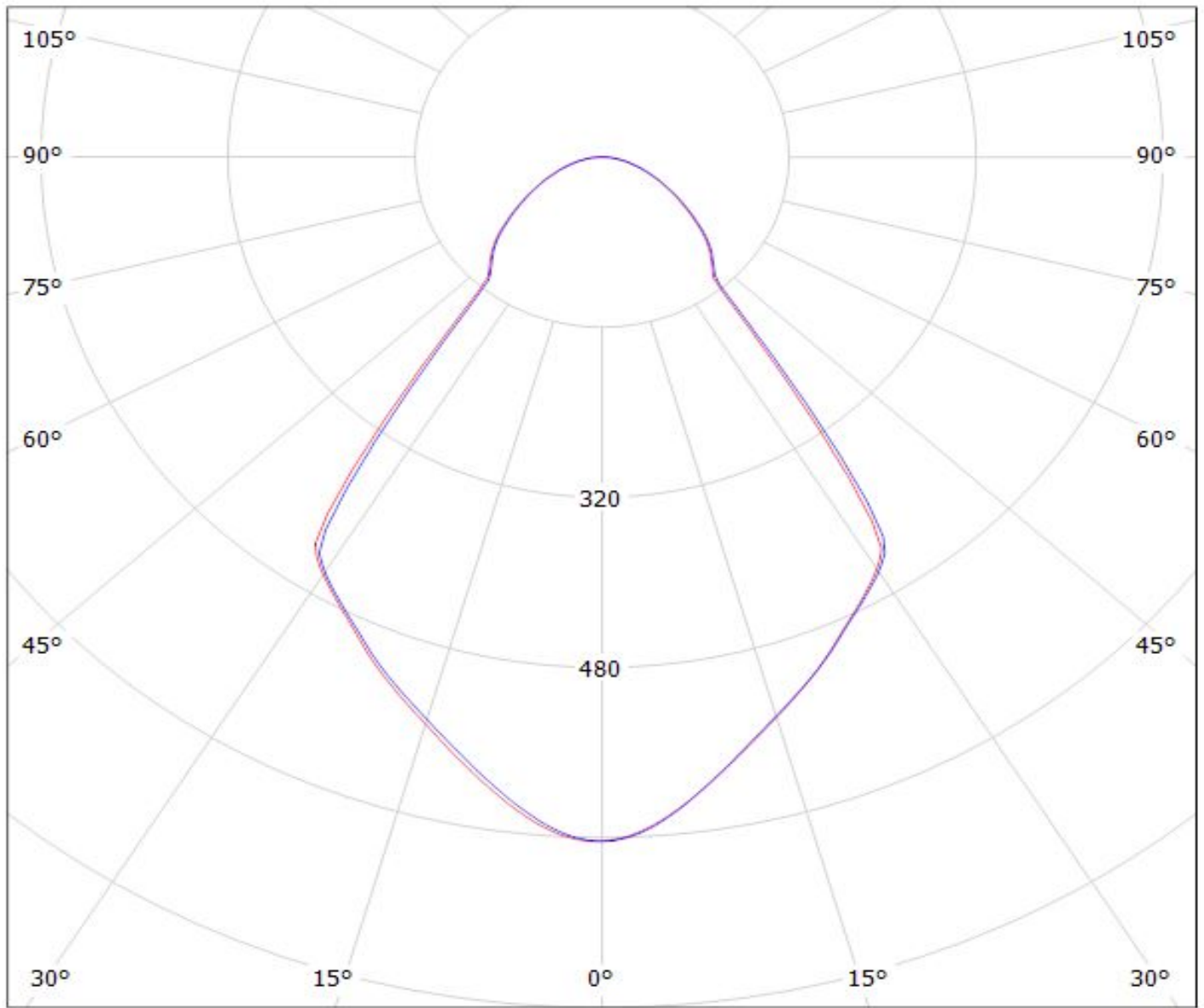
— C90 - C270

$\eta = 93\%$

Luminaire: LEDiL Oy F13841_ANGELA-XW-B_(Mega_Zenigata_GW6DME) Eff: 94%
Lamps: 1 x Sharp_Mega_Zenigata_GW6DME_(6DME30NFC)
_1243.73lm@250mA_P=11.1109W_I=249.8mA



Luminaire: LEDiL Oy F13841_ANGELA-XW-B_(MegaZenigata_GW6)
Lamps: 1 x Sharp_MegaZenigata_GW6_(GW6DME30NFC)
_1266.19lm@250mA_CCT=3038K_P=11.2151W_I=250.6mA

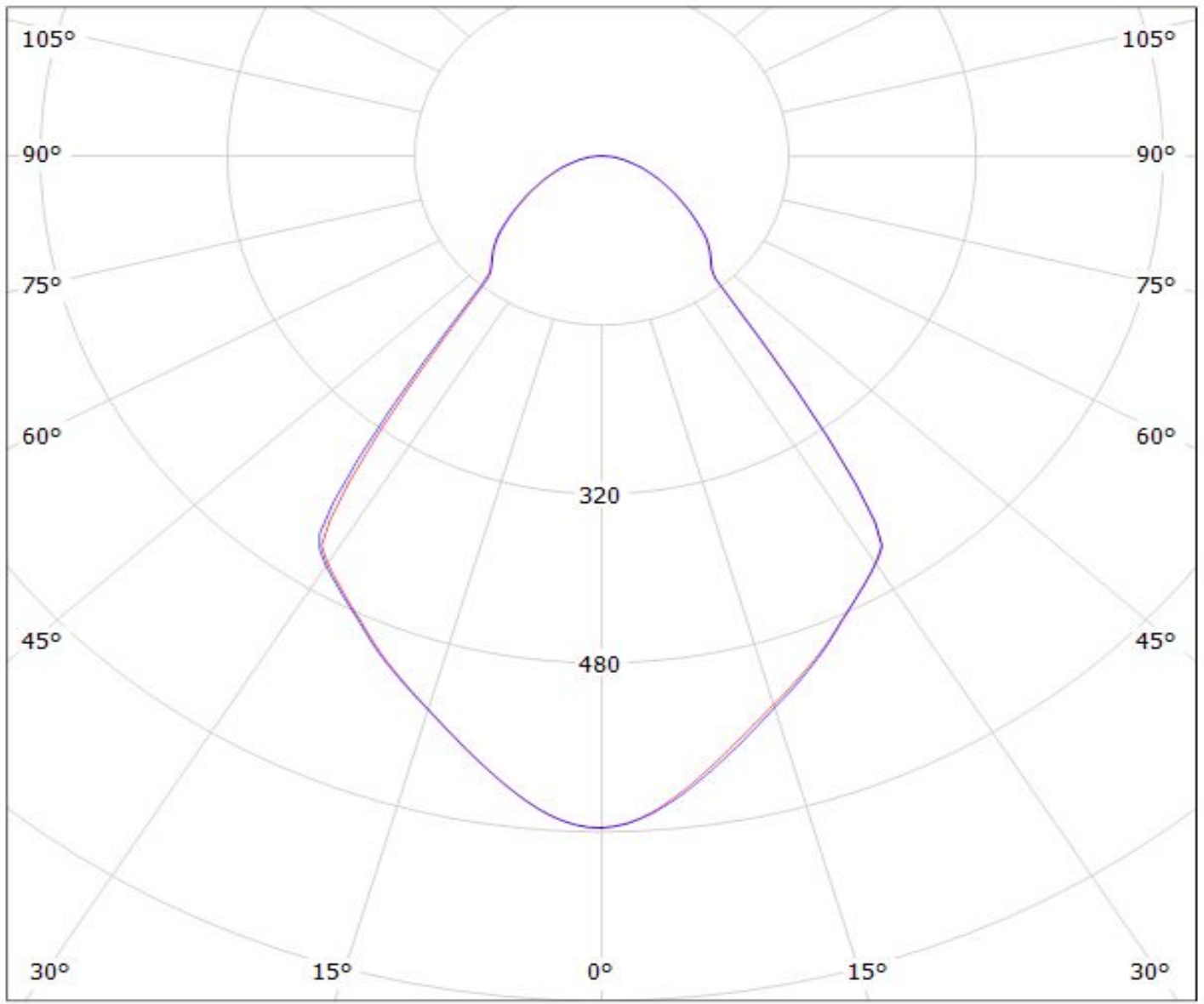


cd/klm

— C0 - C180 — C90 - C270

$\eta = 94\%$

Luminaire: LEDiL Oy F13841_ANGELA-XW-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

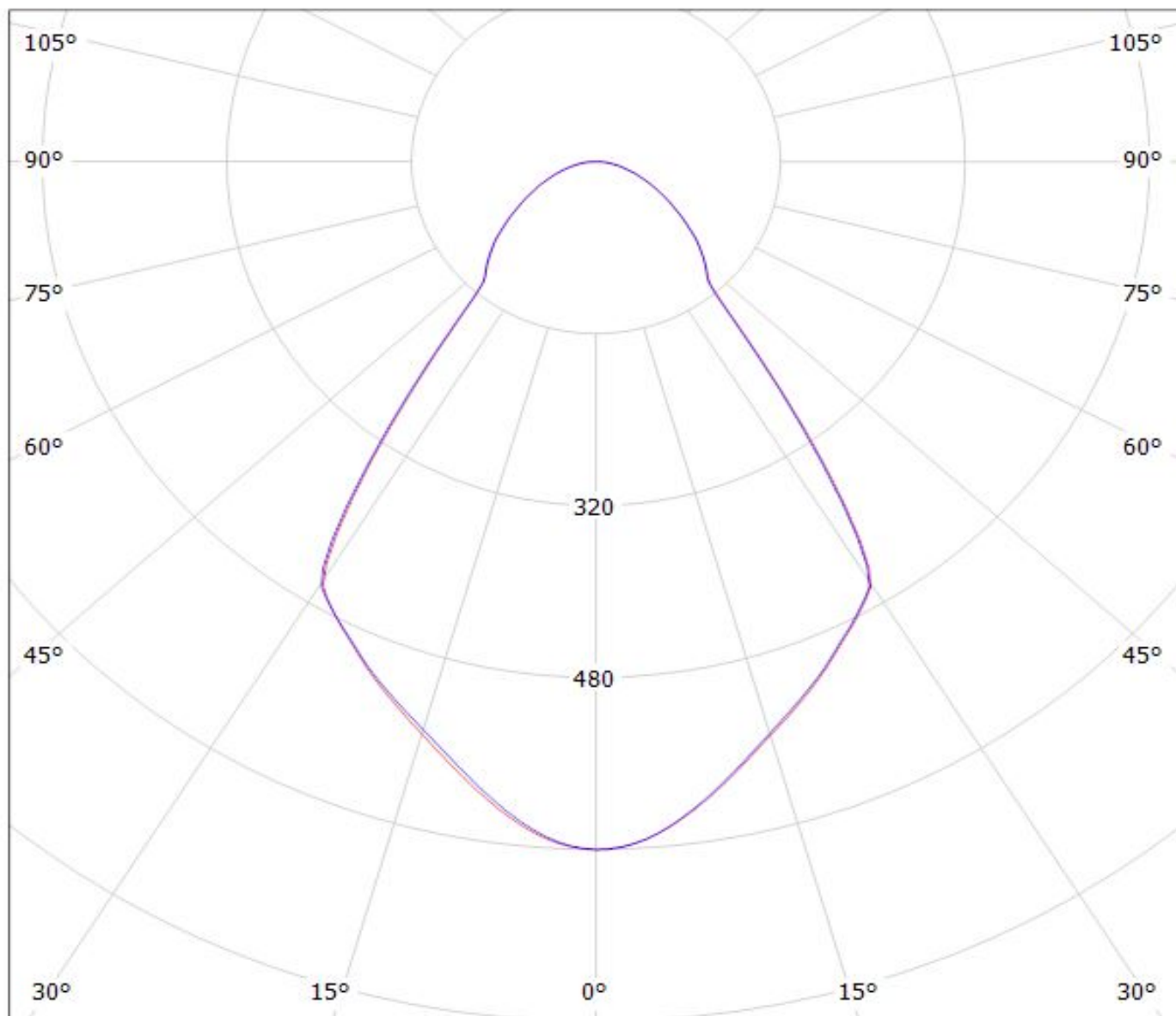


cd/klm
— C0 - C180 — C90 - C270

$\eta = 93\%$

Luminaire: LEDiL Oy F13841_ANGELA-XW-B_(SLE G4 LES23)

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



cd/klm

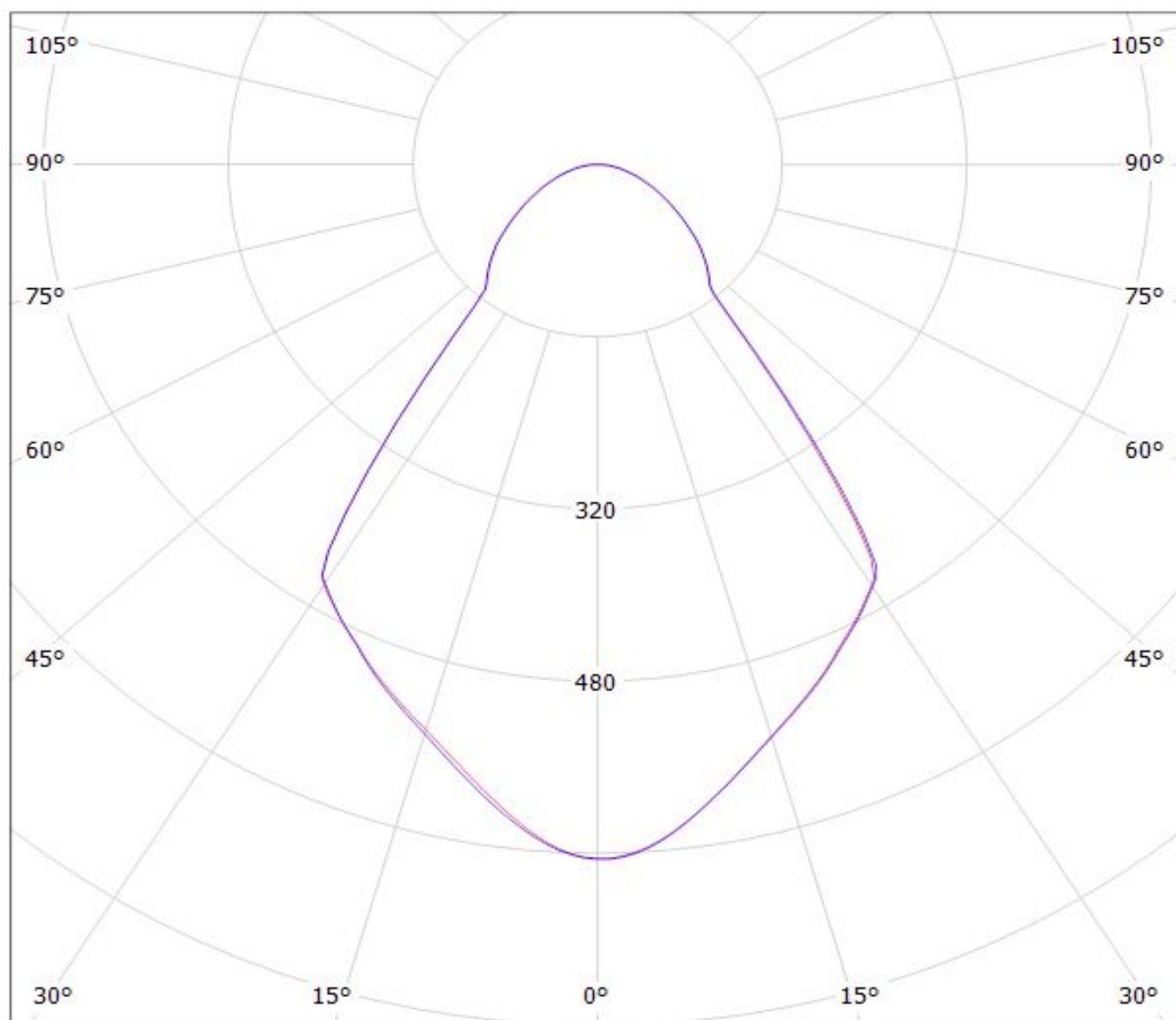
— C0 - C180

— C90 - C270

$\eta = 93\%$

Luminaire: LEDiL Oy F13841_ANGELA-XW-B_(SLE GEN4 LES19)

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



cd/klm

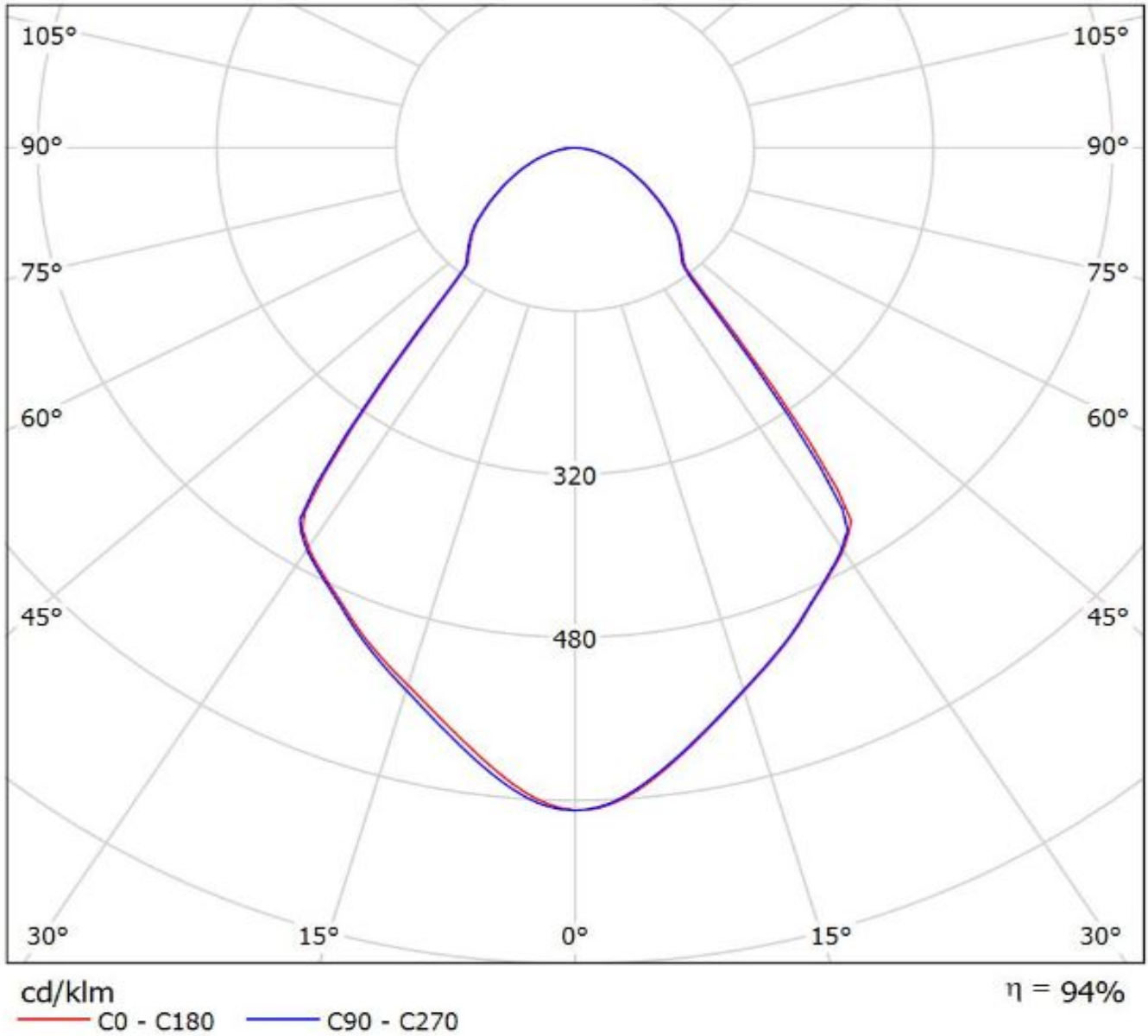
— C0 - C180

— C90 - C270

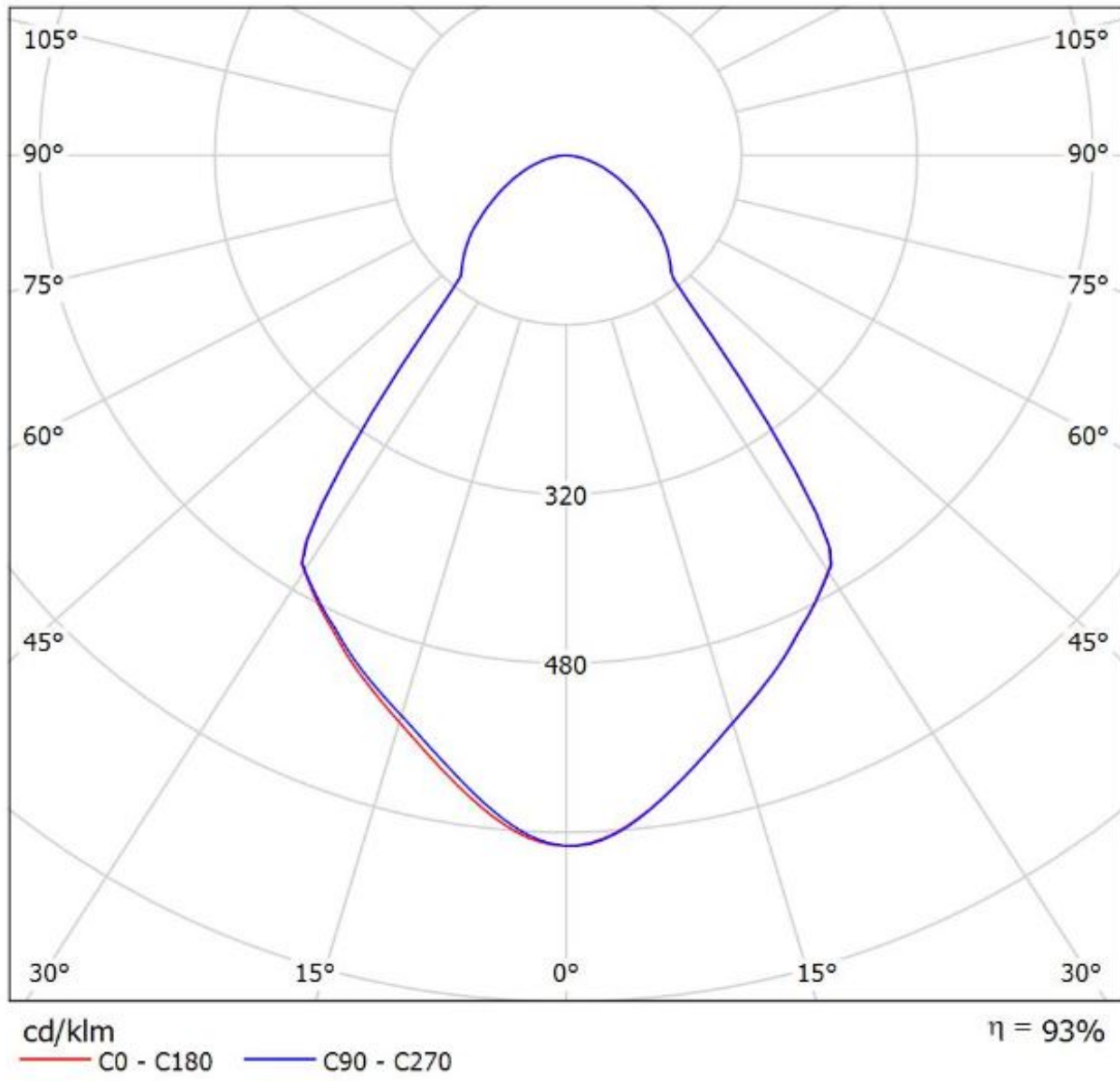
η = 93%

Luminaire: LEDiL Oy F13841_ANGELA-XW-B_(SLE-G5_LES-15)

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

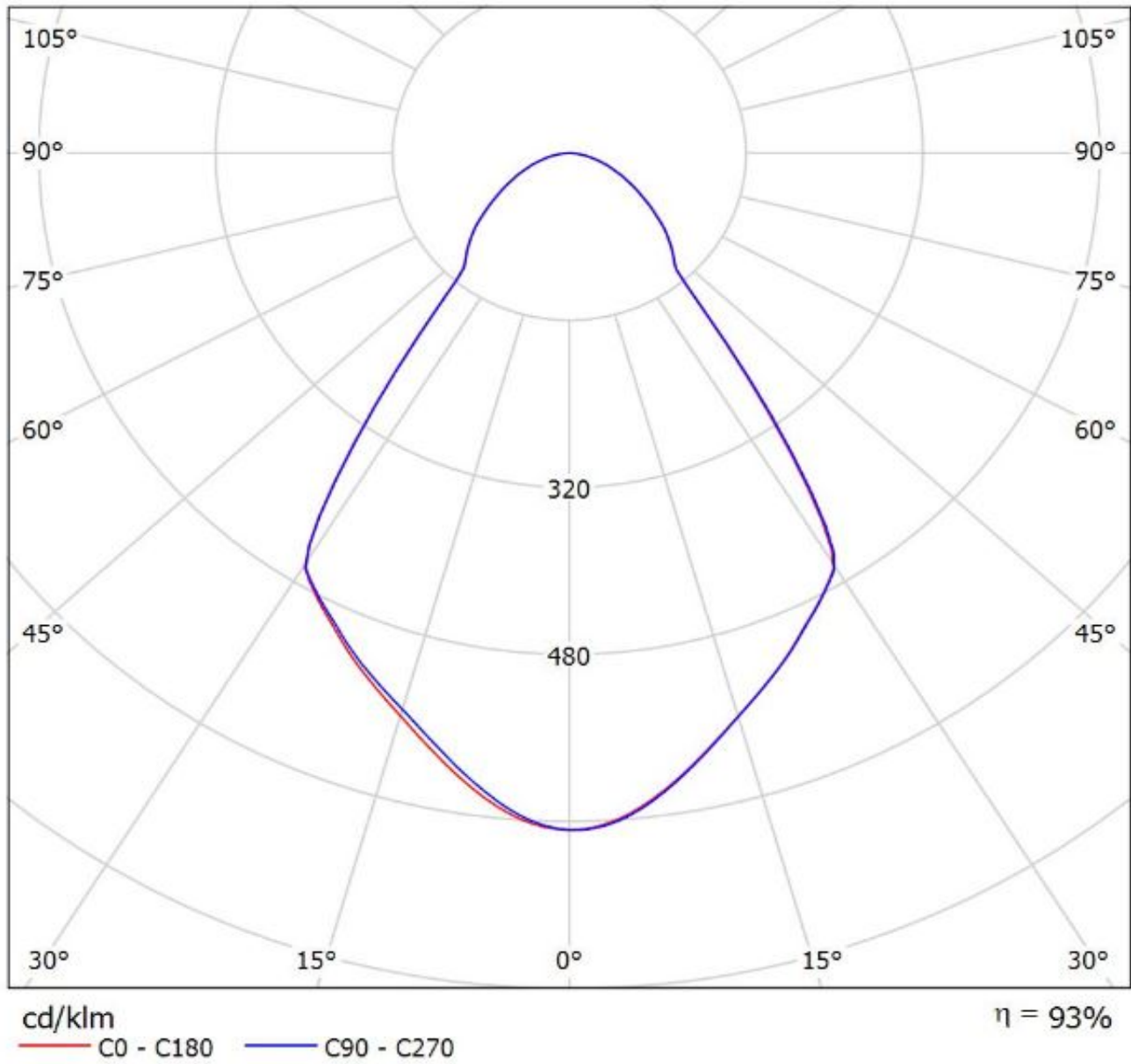


Luminaire: LEDiL Oy F13841_ANGELA-XW-B_(SLE-G5_LES-19)
Lamps: 1 x Tridonic_SLE-G5_LES-19_1334.47lm@250mA_P=8.2224W_I=0.250A



Luminaire: LEDiL Oy F13841_ANGELA-XW-B_(SLE-G5_LES-23)

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



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.