

## DETAILS

<b>Product Number</b>	F13839_ANGELINA-XW-B
<b>Family</b>	ANGELINA
<b>Type</b>	Reflector
<b>Color</b>	white
<b>Diameter</b>	82 mm
<b>Height</b>	31 mm
<b>Style</b>	round
<b>Optic Material</b>	HRPC
<b>Holder Material</b>	
<b>Fastening</b>	
<b>Status</b>	production ready
<b>ROHS Compliant</b>	Yes
<b>Date Updated</b>	16/01/2015



## OPTICAL PROPERTIES

LED	Viewing	Light	Effi-		Connector
	Angle	Beam	ciency	cd/lm	
BXRA ES Rectangle	94 deg	Wide	94 %	0.478	BJB: 47.319.2040
V18 Gen7	92 deg	Wide	94 %	0.490	BJB: 47.319.2350
CLL04x/CLU04x	91 deg	Wide	94 %	0.500	BJB: 47.319.2030
CLL03x/CLU03x	93 deg	Wide	94 %	0.500	BJB: 47.319.2021
CLL03x/CLU03x	93 deg	Wide	94 %	0.490	A.A.G. STUCCHI: 8101/G2
CLL04x/CLU04x	92 deg	Wide	94 %	0.480	A.A.G. STUCCHI: 8102/G2
CLU730/731	sim: 86	Wide	sim: 93 %	sim: 0.635	BJB: 47.319.2030
CXA/B 30xx	90 deg	Wide	94 %	0.490	A.A.G. STUCCHI: 8404/G2
CXA/B 25xx	93 deg	Wide	94 %	0.490	A.A.G. STUCCHI: 8401/G2
CXA/B 25xx	92 deg	Wide	94 %	0.490	BJB: 47.319.2141
COB 10W/13W/17W/24W	93 deg	Wide	94 %	0.500	BJB: 47.319.2080
COB 10W/13W/17W/24W	93 deg	Wide	94 %	0.490	A.A.G. STUCCHI: 8600/G2
COB 40W/60W	90 deg	Wide	94 %	0.490	A.A.G. STUCCHI: 8102/G2
LUXEON K16	91 deg	Wide	94 %	0.540	BJB: 47.319.2070
LUXEON K12	91 deg	Wide	94 %	0.533	BJB: 47.319.2070
LUXEON CoB 1204/1205	94 deg	Wide	94 %	0.490	A.A.G. STUCCHI: 8301/G2
LUXEON CoB 1208	93 deg	Wide	94 %	0.490	A.A.G. STUCCHI: 8301/G2
LUXEON CoB 1211	91 deg	Wide	94 %	0.490	A.A.G. STUCCHI: 8102/G2
LUXEON CoB 1211	92 deg	Wide	94 %	0.480	BJB: 47.319.2030
LUXEON CoB 1216	91 deg	Wide	96 %	0.490	BJB: 47.319.2030
CXM-22	91 deg	Wide	94 %	0.500	BJB: 47.319.2030
CXM-14	92 deg	Wide	94 %	0.500	BJB: 47.319.2021
Soleriq E30	91 deg	Wide	94 %	0.490	BJB: 47.319.2090
Soleriq S19	93 deg	Wide	94 %	0.480	BJB: 47.319.2170
Soleriq S19	92 deg	Wide	94 %	0.490	A.A.G. STUCCHI: 8503/G2

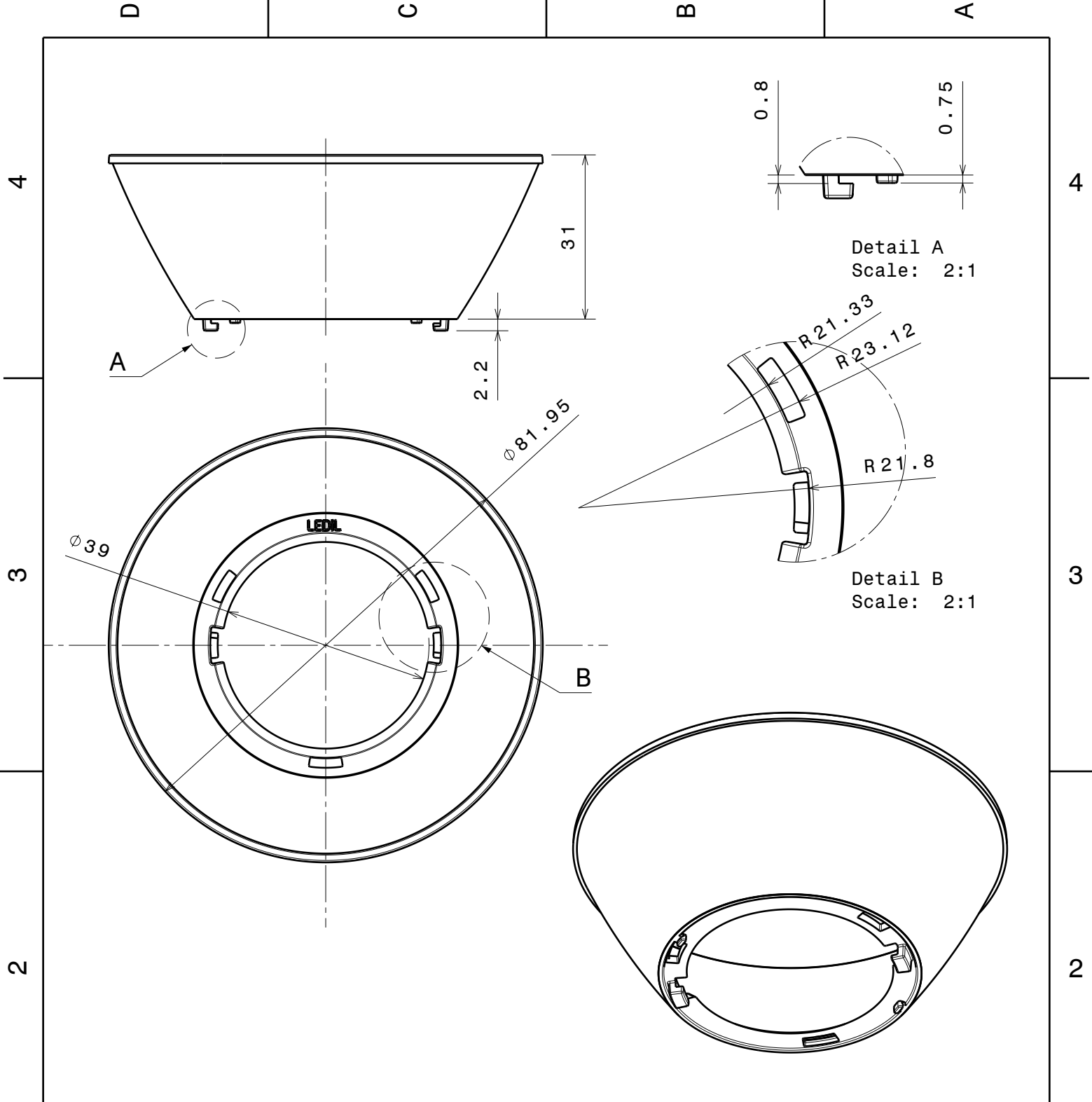


# PRODUCT DATASHEET ANGELINA series

last update 16/1/2015

## OPTICAL PROPERTIES

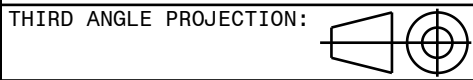
LED	Viewing Angle	Light Beam	Efficiency	cd/lm	Connector
Soleriq P13	93 deg	Wide	94 %	0.490	A.A.G. STUCCHI: 8502/G2
Soleriq S13 Gen2	94 deg	Wide	94 %	0.470	BJB: 47.319.2021
COB D Series LES 22 mm	sim: 91	Wide	sim: 88 %	sim: 0.460	BJB: 47.319.2030
COB D Series LES 14.5 mm	93 deg	Wide	94 %	0.490	A.A.G. STUCCHI: 8101/G2
COB D Series LES 14.5 mm	93 deg	Wide	94 %	0.490	BJB: 47.319.2021
ZC12/18	93 deg	Wide	94 %	0.490	A.A.G. STUCCHI: 8101/G2
ZC25/40	91 deg	Wide	94 %	0.480	A.A.G. STUCCHI: 8102/G2
Mega Zenigata (GW5DGC)	93 deg	Wide	94 %	0.480	BJB: 47.319.2011
Mega Zenigata (GW6DME)	93 deg	Wide	94 %	0.480	BJB: 47.319.2011
Mega Zenigata (GW6DME)	93 deg	Wide	94 %	0.500	A.A.G. STUCCHI: 8301/G2
STARK SLE PURE G3 LES17	93 deg	Wide	94 %	0.490	A.A.G. STUCCHI: 8101/G2
SLE G4 LES23 H	90 deg	Wide	94 %	0.500	-
SLE G5 LES15	93 deg	Wide	94 %	0.500	BJB: 47.319.2021
SLE G5 LES19 H	90 deg	Wide	94 %	0.500	-
SLE G5 LES23 H	89 deg	Wide	94 %	0.500	-



INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1		ANGELINA-B	Reflective PC	White

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** Ledil Oy  
 Salorankatu 10  
 FIN 24240 SALO  
 Finland



DRAWING TITLE  
**ANGELINA-B series Reflector**

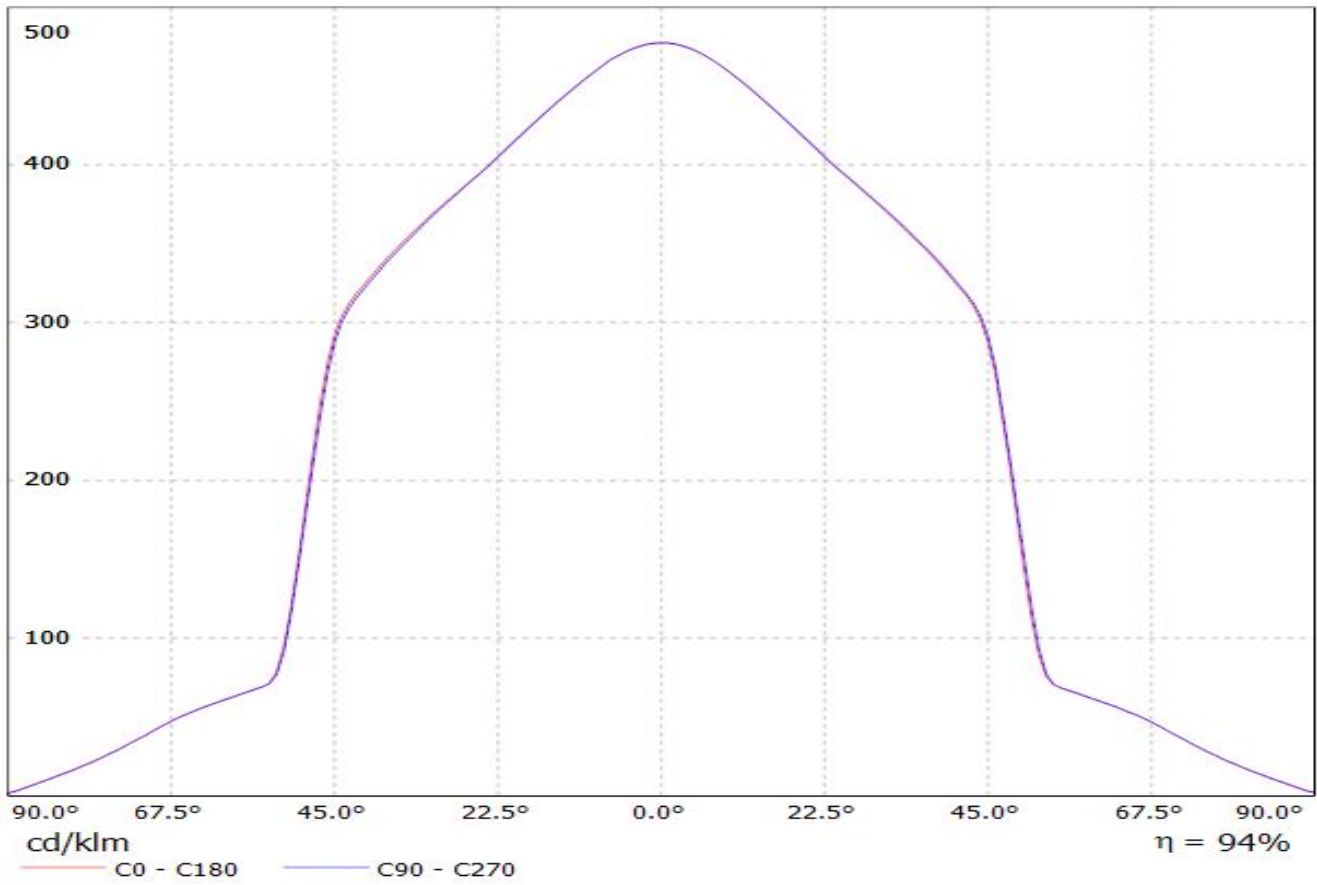
This drawing is the property of LEDiL Oy. It may not be reproduced, copied or communicated without a written agreement with LEDiL Oy."

SIZE	PART NUMBER
A4	-

SCALE	1:1	WEIGHT	-	SHEET	1/1
-------	-----	--------	---	-------	-----

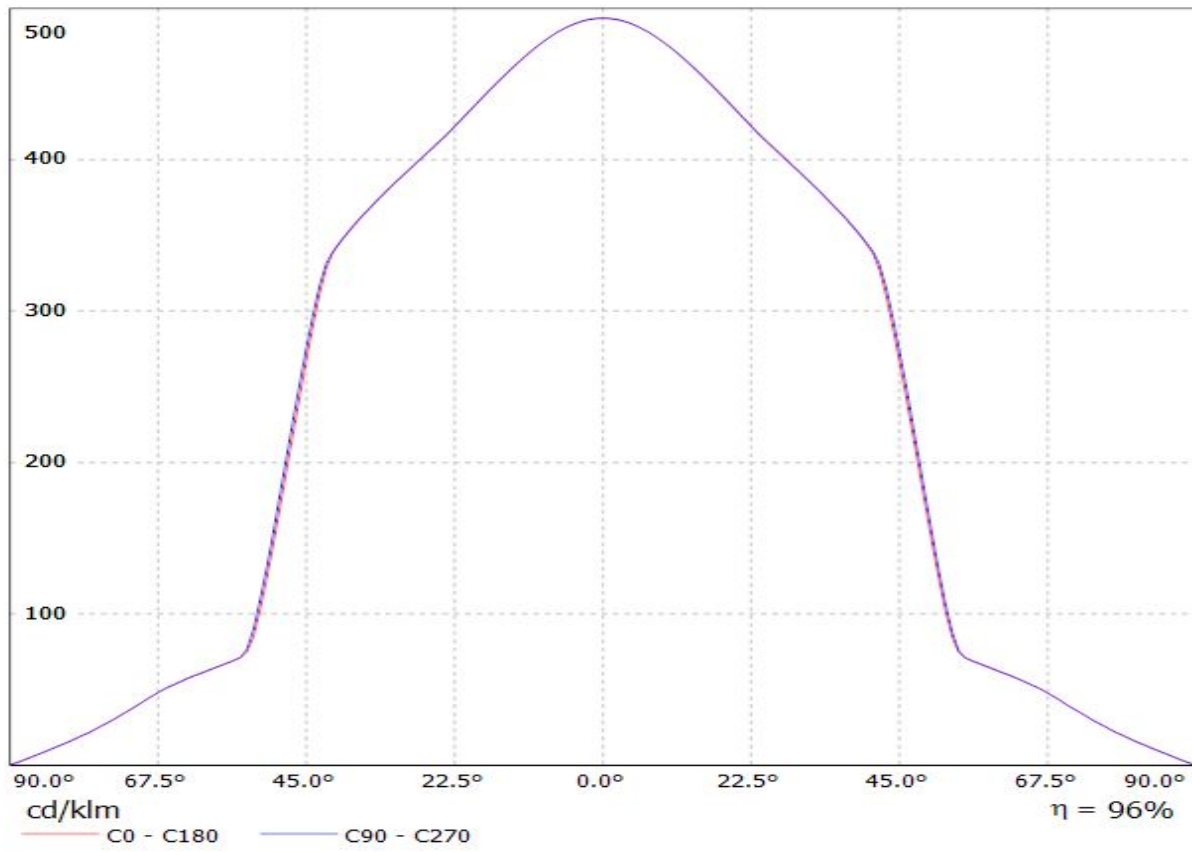
Luminaire: LEDiL Oy F13839\_ANGELINA-XW-B\_(BXRA\_ES)

Lamps: 1 x BXRA\_ES\_(W1203-102820-3110)\_298m@250mA\_P=4.09661W\_I=249.9mA

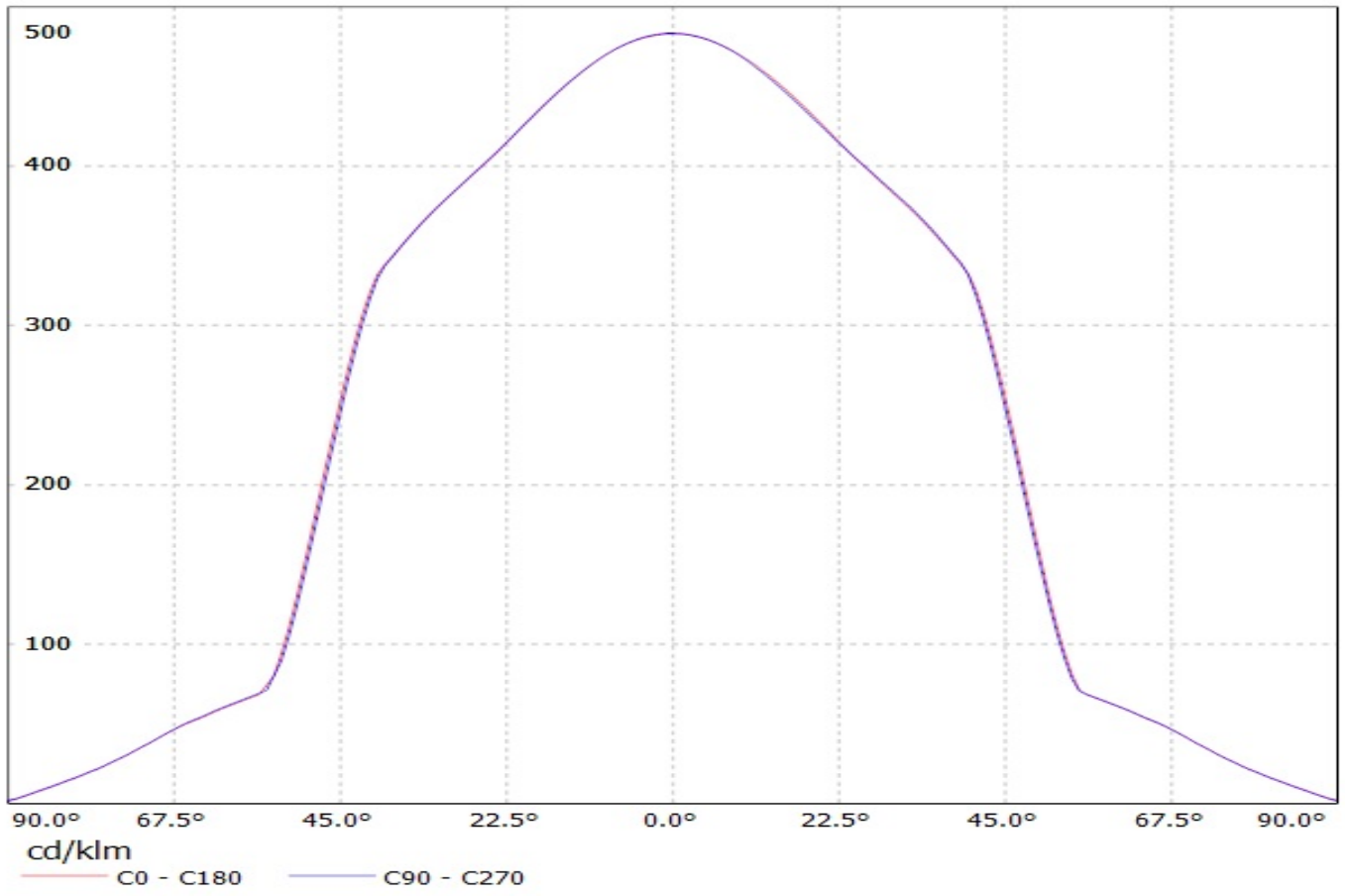


Luminaire: LEDiL Oy F13839\_ANGELINA-XW-B\_(V18\_Gen7)+BJB

Lamps: 1 x Bridgelux\_V18\_Gen7\_(BXRE-30E4000-B)+BJB\_47.319.2350\_1384.73lm@250mA\_P=8.09577W\_I=0.25A

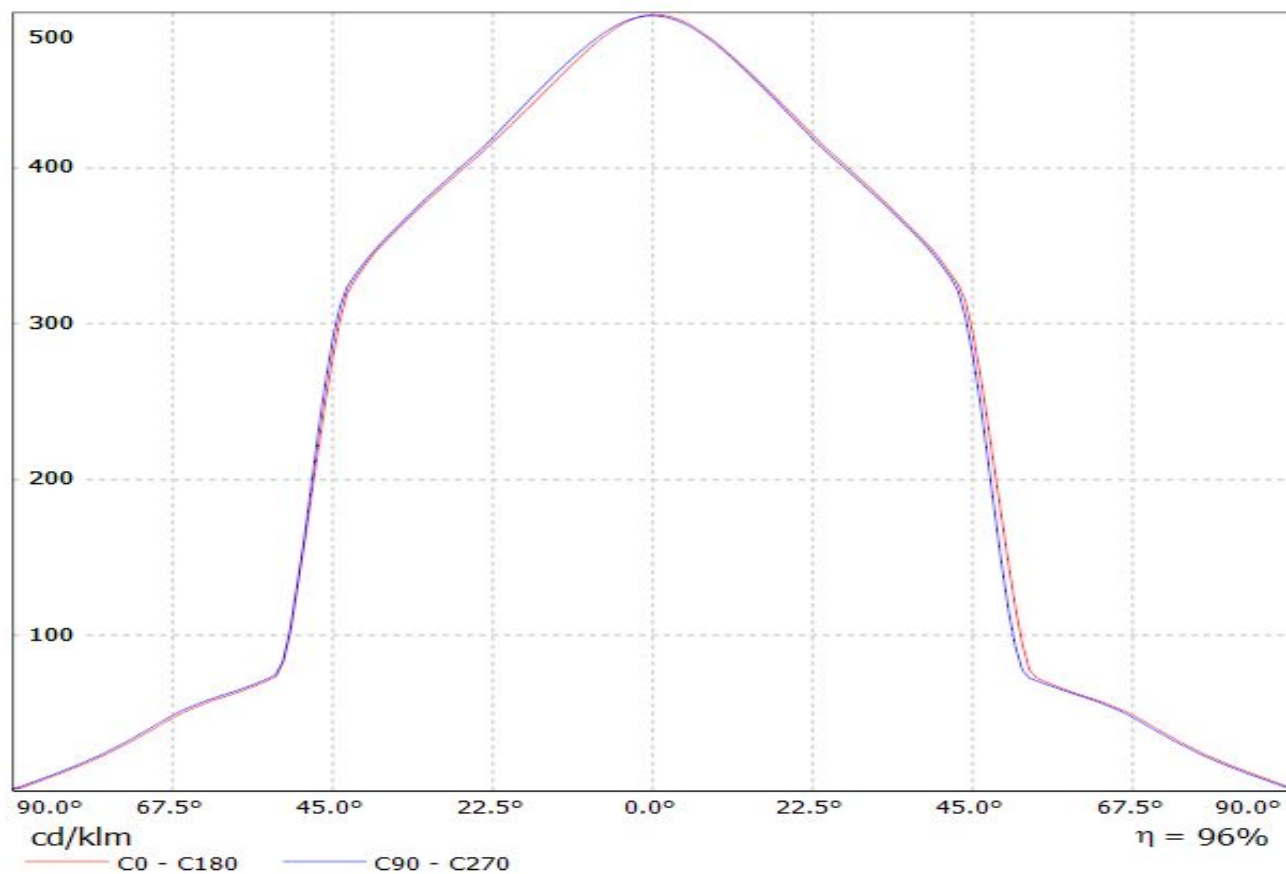


Luminaire: LEDiL Oy F13839\_ANGELINA-XW-B\_(CLL042) Eff: 94%  
Lamps: 1 x Citizen\_CLL042\_(CLL042-1218A5-303H3-D2)\_959.2lm@250mA\_P=8.04978W\_I=0.2499A



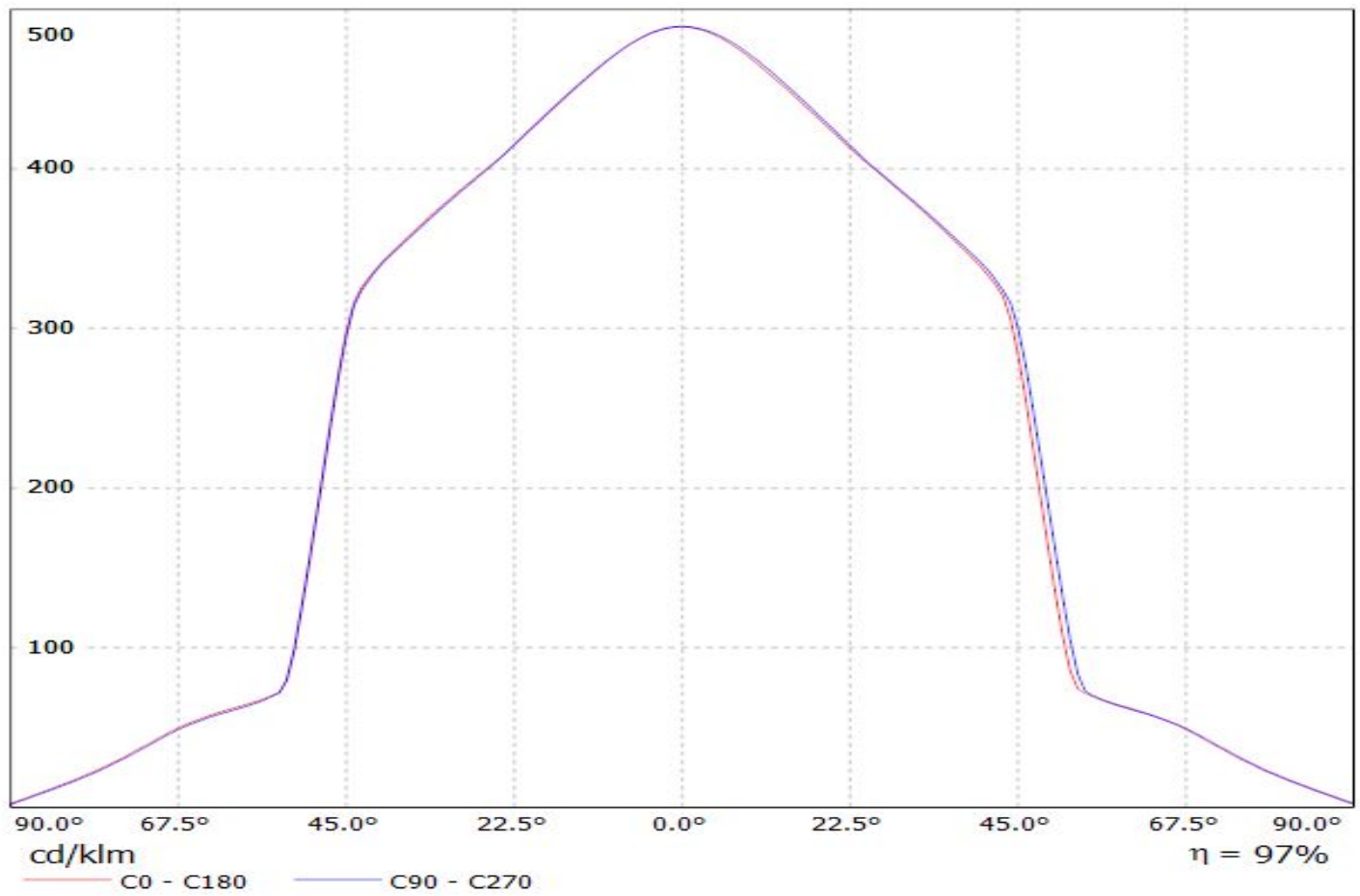
Luminaire: LEDiL Oy F13839\_ANGELINA-XW-B\_(CLL030)

Lamps: 1 x CITIZEN\_CLL030\_(CLL030-1206A1303M1A2)\_1050lm@250mA\_P=8.45787W\_I=249.9mA



Luminaire: LEDiL Oy F13839\_ANGELINA-XW-B\_(CLU034)

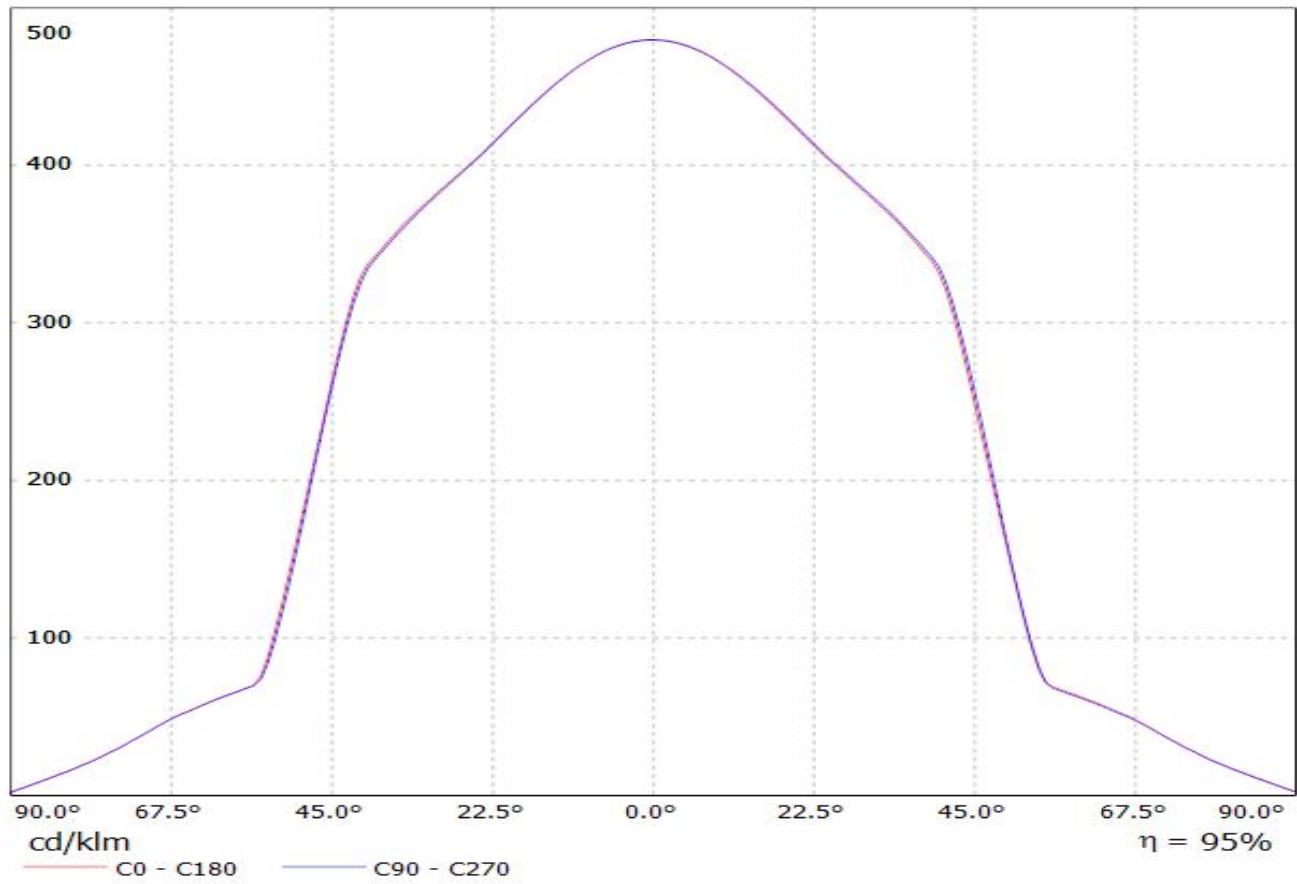
Lamps: 1 x Citizen\_CLU034\_(CLU034-1205B8-303M1A2)\_1159.11lm@250mA\_P=8.46586W\_I=249.9mA





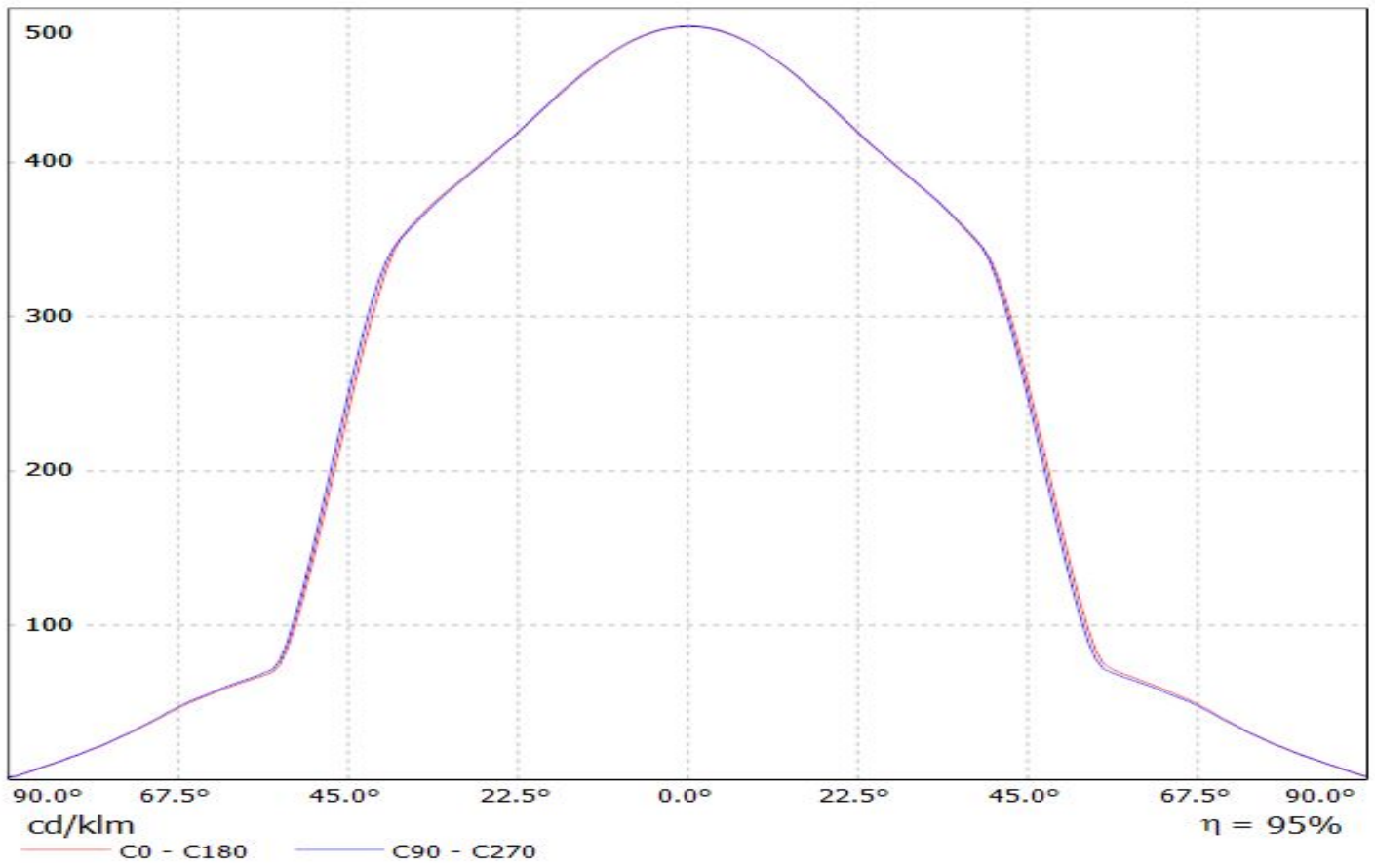
Luminaire: LEDiL Oy F13839\_ANGELINA-XW-B\_(CLU044)

Lamps: 1 x Citizen\_CLU044\_(CLU044-1212B8-303M1A2)\_1300.9lm@250mA\_P=8.14849W\_I=249.9mA



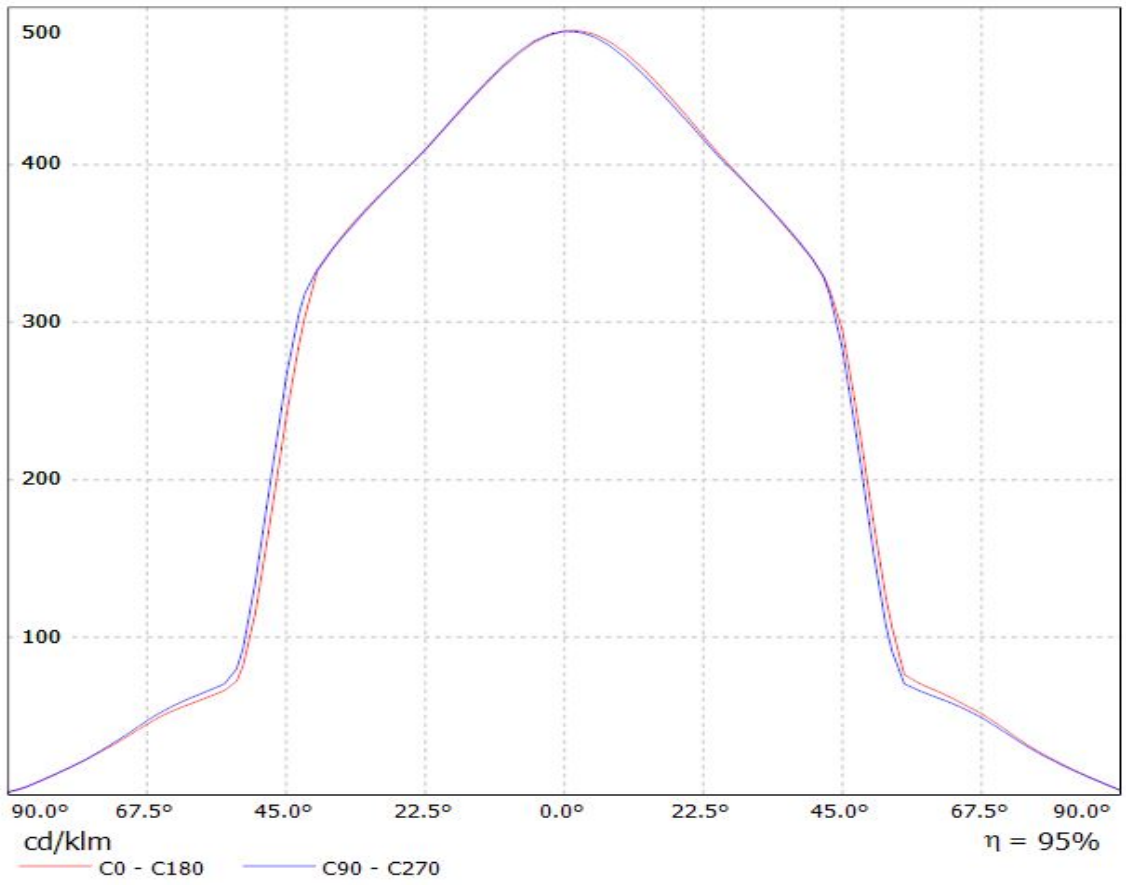
Luminaire: LEDiL Oy F13839\_ANGELINA-XW-B\_(CXA30)

Lamps: 1 x Cree\_CXA30\_(CXA3050-3C0-Y2-N0H)\_1395.36lm@250mA\_P=8.20318W\_I=249.8mA

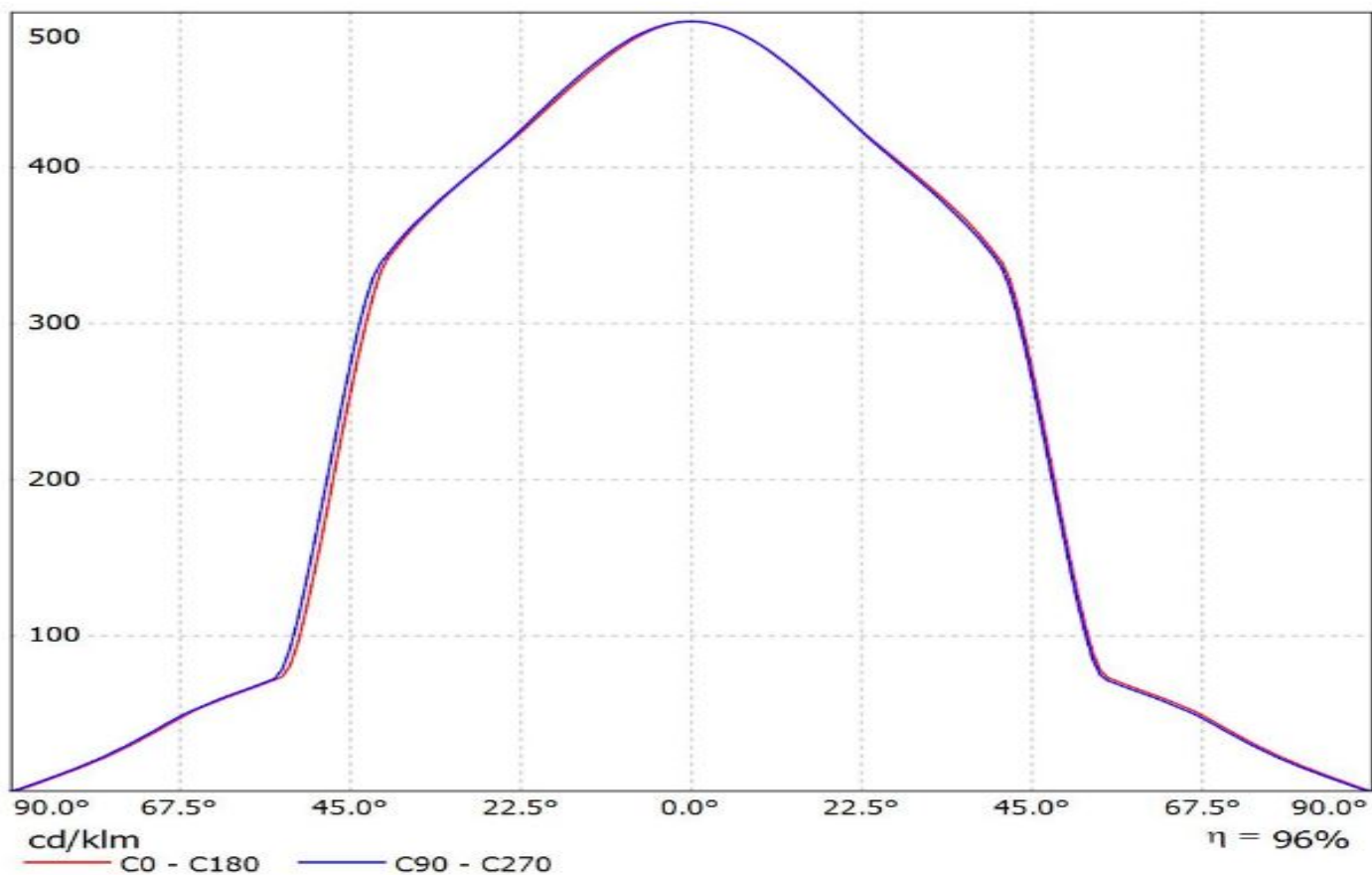


Luminaire: LEDiL Oy F13839\_ANGELINA-XW-B\_(CXA2590)

Lamps: 1 x CREE\_CXA2590\_(CXA2590-30F-Z4-RPH-00001)\_837.275lm@100mA\_CCT=3000K\_P=6.36316W\_I=100.1mA

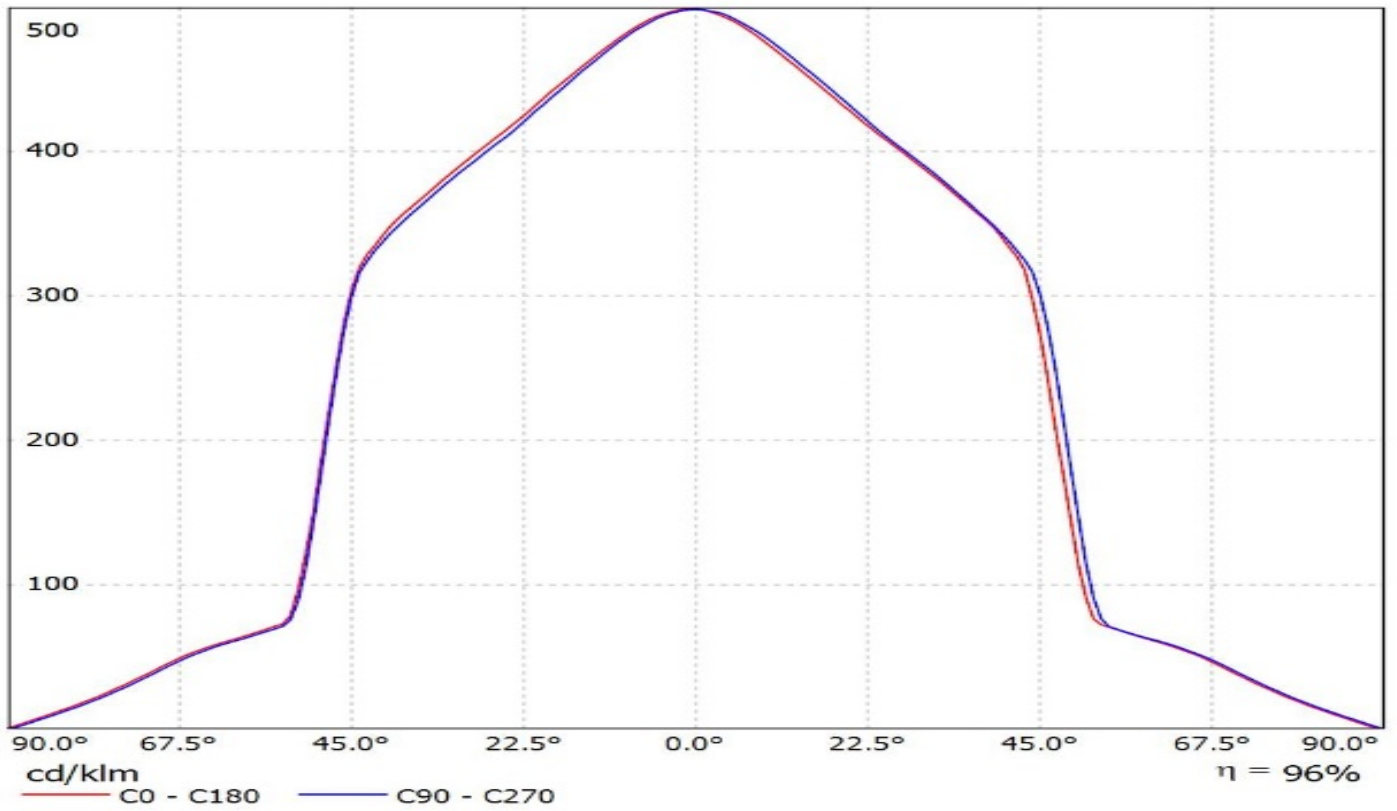


Luminaire: Ledil F13839\_ANGELINA-XW-B\_(CXB2540+\_BJB\_47.319.2140)  
Lamps: 1 x CREE\_CXB2540\_(-40G-W4-N0H-00002)  
+\_BJB\_47.319.2140\_1412.99lm@250mA\_CCT=40000K\_P=8.1310W\_I=0.25A



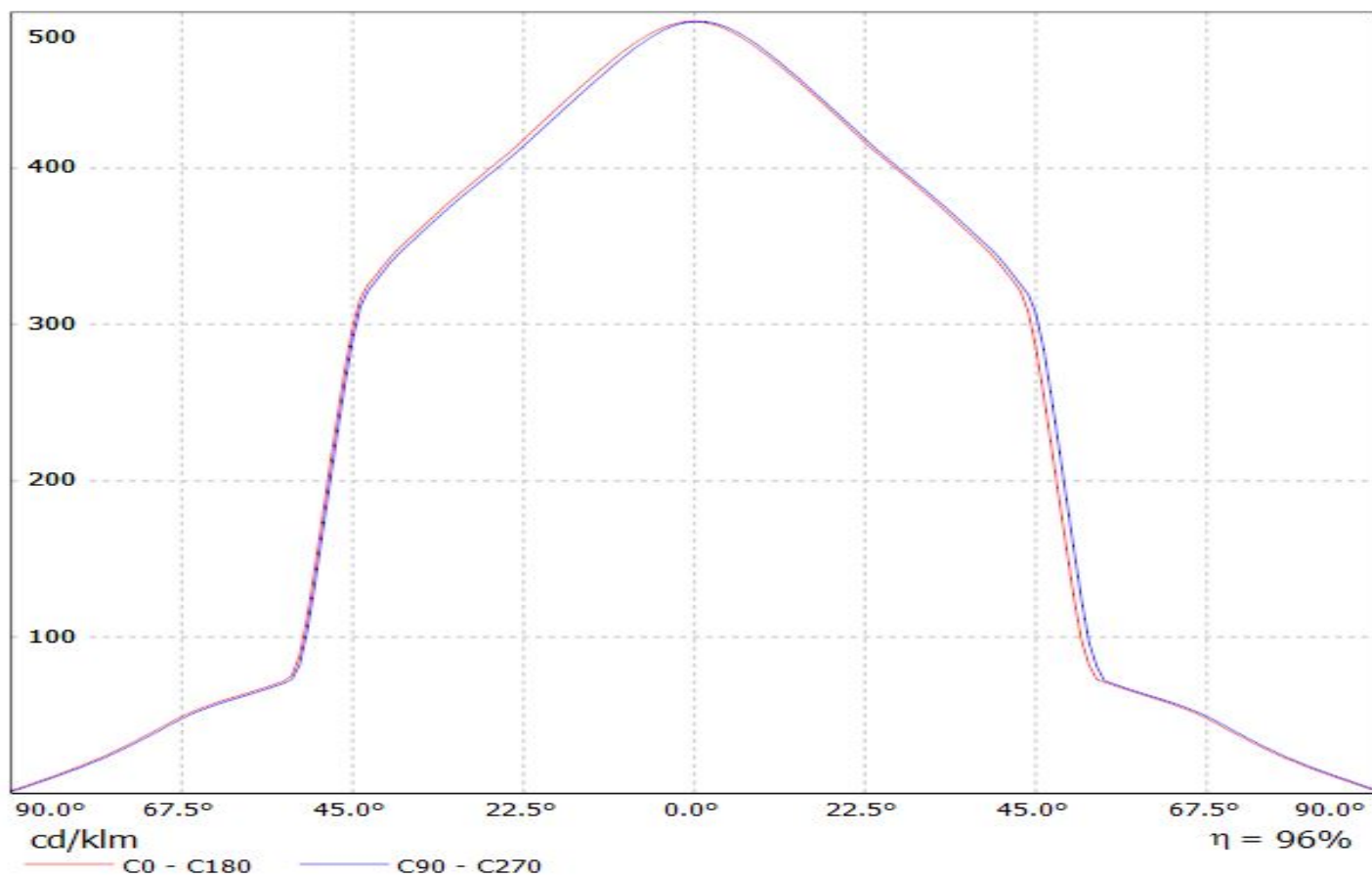
Ledil F13839\_ANGELINA-XW-B\_(COB\_10W)\_(BJB\_47\_319\_2080) / LDC  
(Linear)

Luminaire: Ledil F13839\_ANGELINA-XW-B\_(COB\_10W)\_(BJB\_47\_319\_2080)  
Lamps: 1 x LG\_COB\_10W\_(LEMWM18580LG00)\_(BJB\_47\_319\_2080)  
\_947.453lm@250mA\_P=9.342W\_I=0.250A

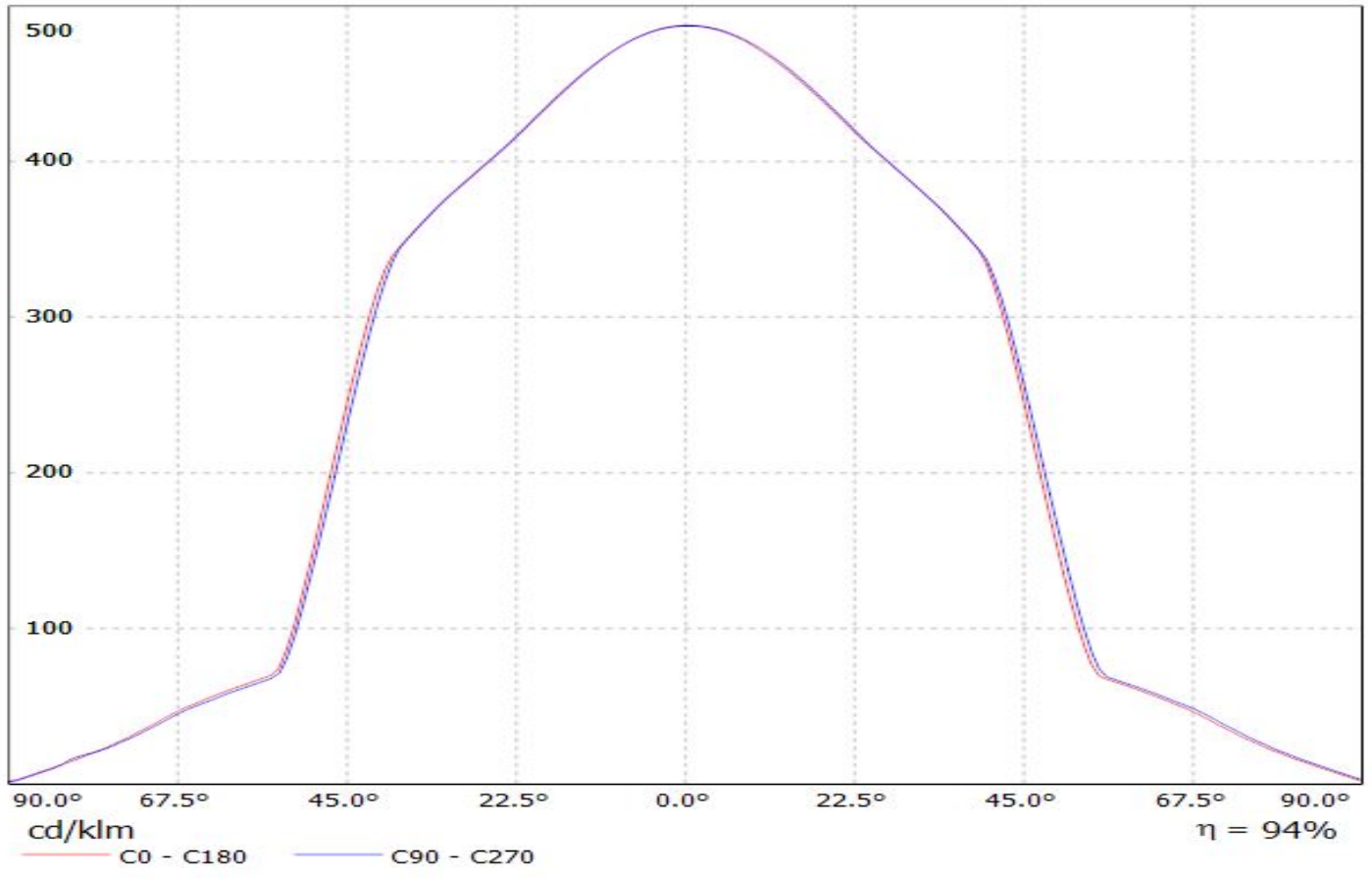


Luminaire: LEDiL Oy F13839\_ANGELINA-XW-B\_(LG\_COB\_10W)

Lamps: 1 x LG\_COB\_10W\_(LEMWM18580LG00)\_917.757lm@250mA\_P=9.31304W\_I=249.8mA

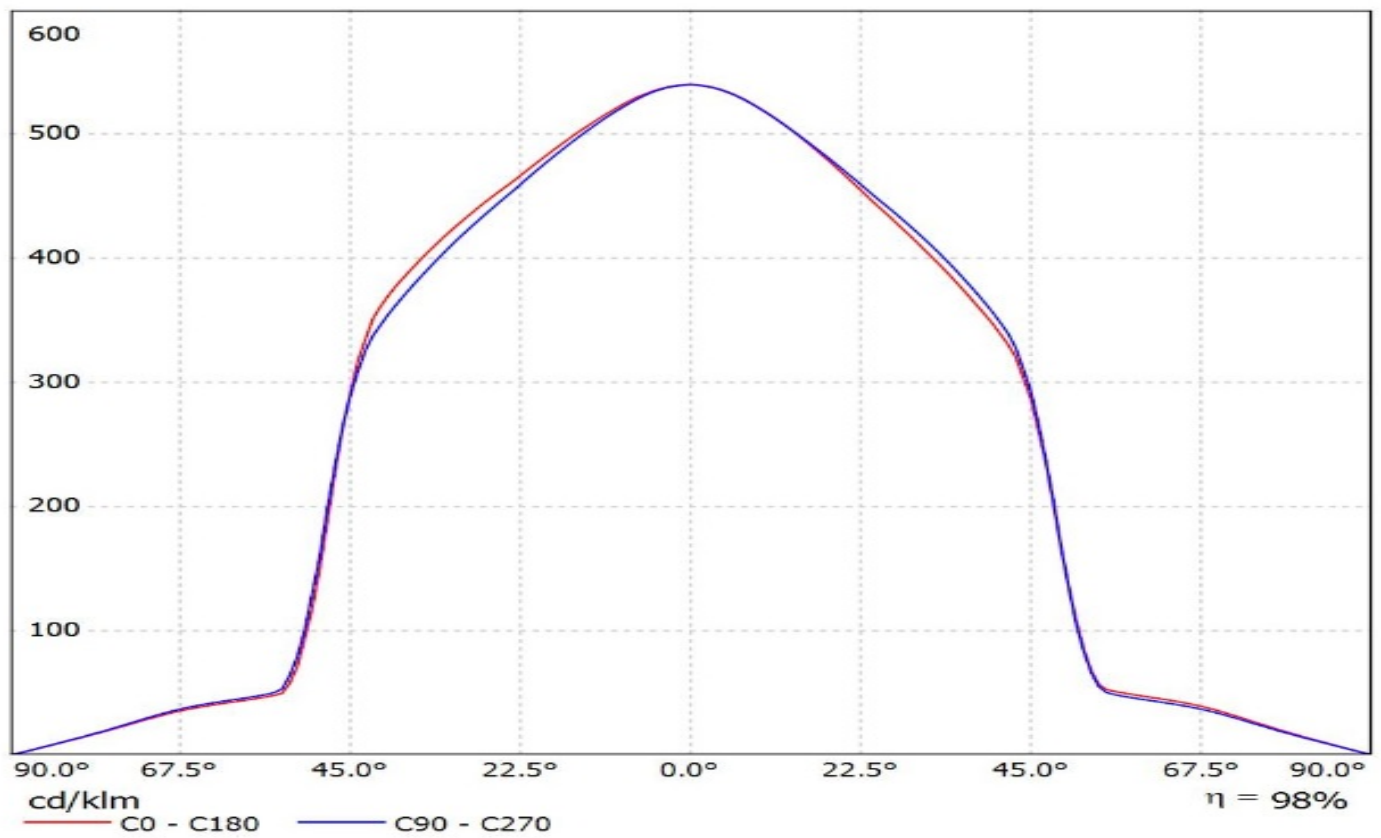


Luminaire: LEDiL Oy F13839\_ANGELINA-XW-B\_(COB\_40W)  
Lamps: 1 x LG\_COB\_40W\_1163.31lm@250mA\_CCT=3000K\_P=8.04906W\_I=249.8mA



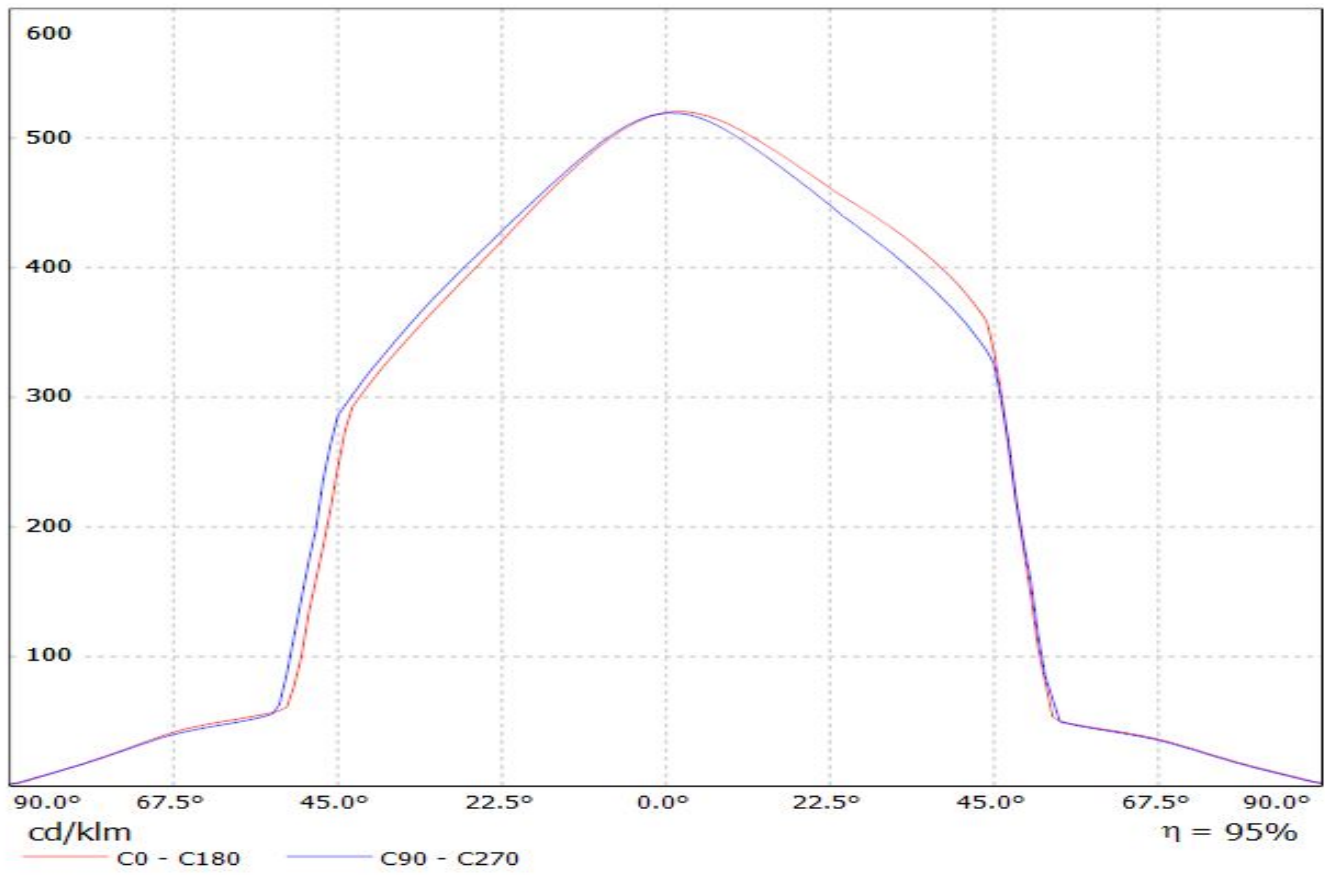
# Ledil F13839\_ANGELINA-XW-B\_(Luxeon\_K16)\_(47\_319\_2070) / LDC (Linear)

Luminaire: Ledil F13839\_ANGELINA-XW-B\_(Luxeon\_K16)\_(47\_319\_2070)  
Lamps: 1 x Philips\_Lumileds\_Luxeon\_K16\_(BJB.47.319.2070)  
\_1276.25lm@250mA\_P=10.95525W\_I=0.250A

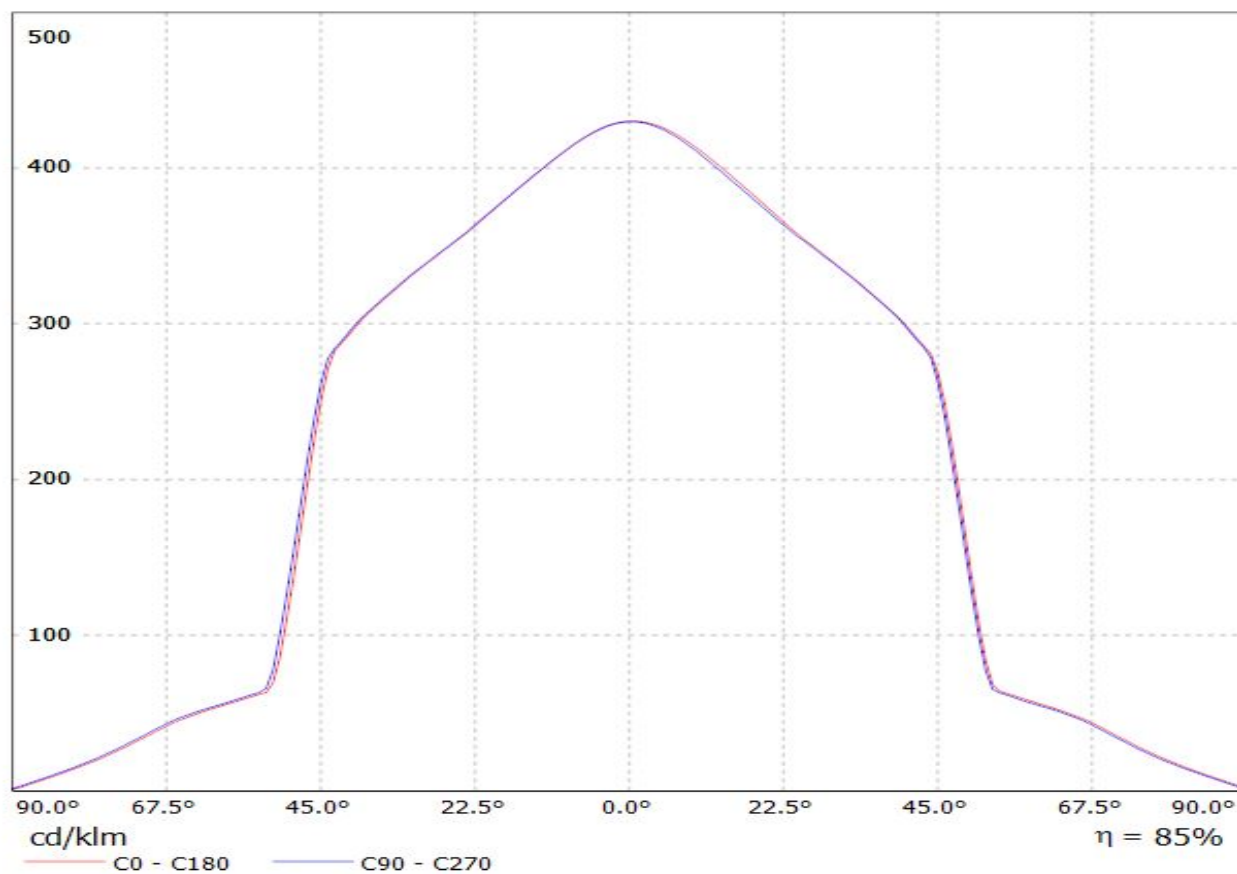




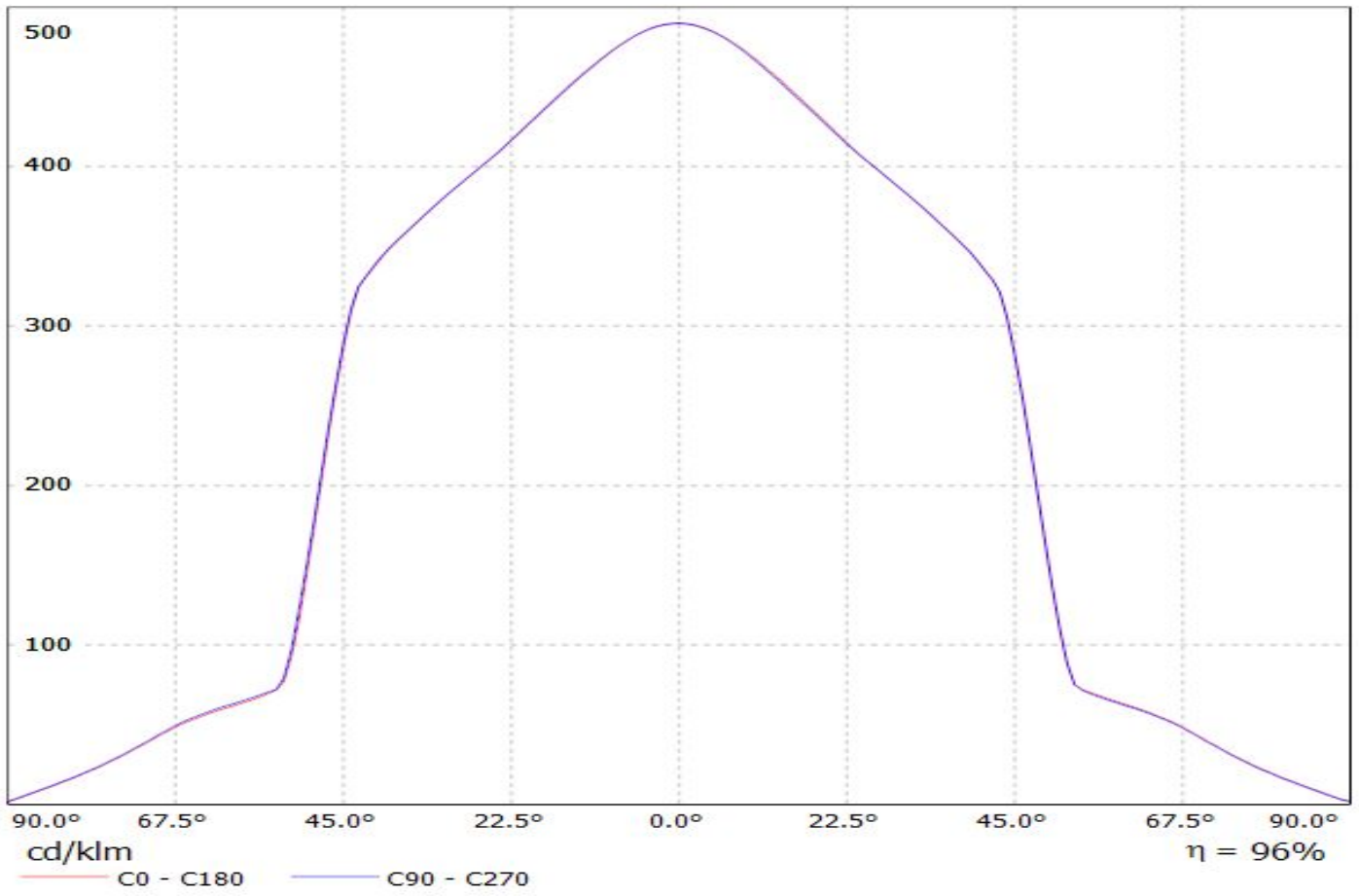
Luminaire: LEDiL Oy F13839\_ANGELINA-XW-B\_(K12)  
Lamps: 1 x Luxeon\_K12\_950lm@250mA\_P=8.20472W\_I=249.9mA



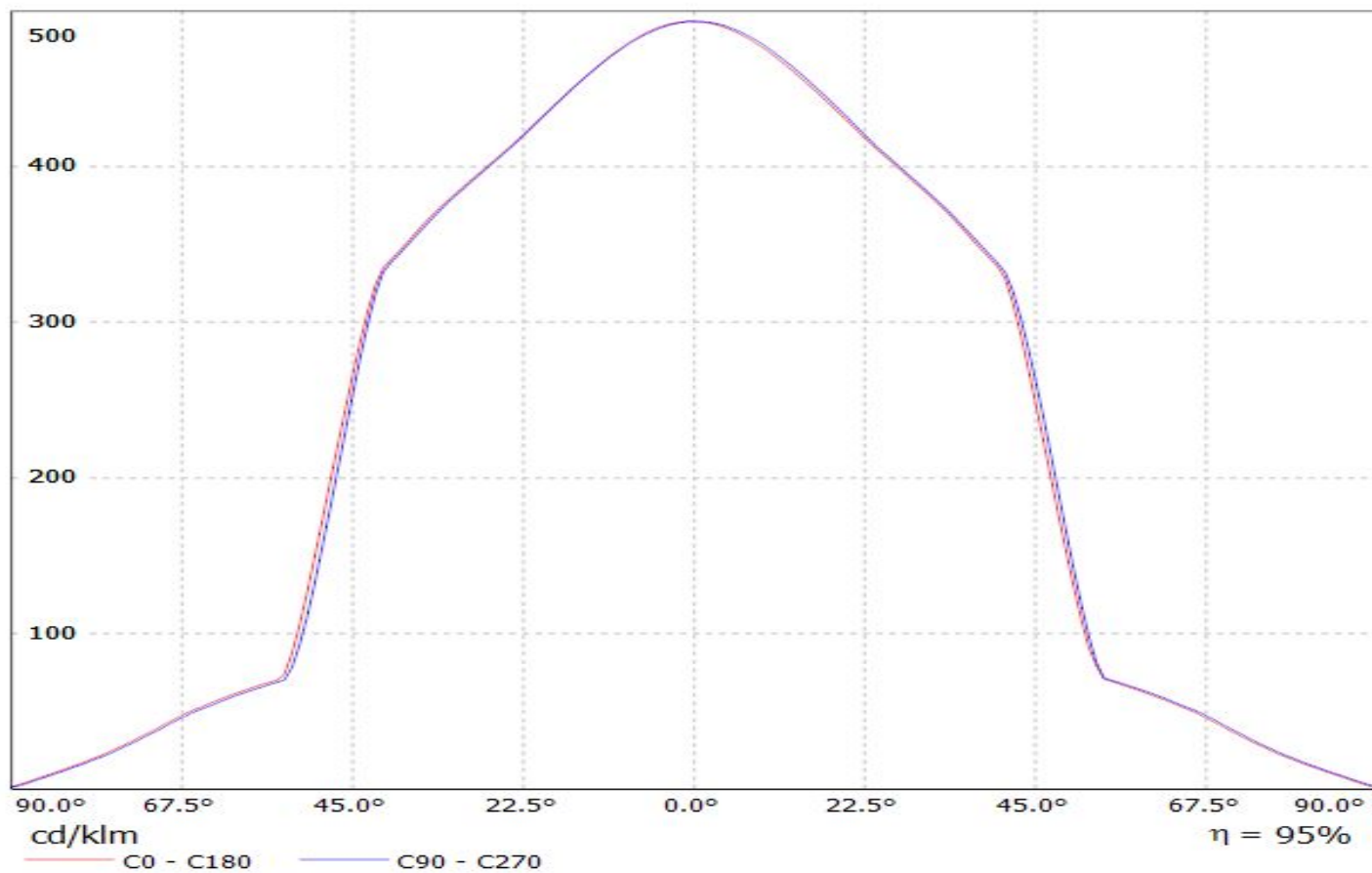
Luminaire: LEDiL Oy F13839\_ANGELINA-XW-B (Luxeon\_CoB\_1205)  
Lamps: 1 x LUXEON\_COB\_1205\_(LHC1-3080-1205)\_1274.35lm@250mA\_CCT=3000K\_P=11.183W\_I=249.8mA



Luminaire: LEDiL Oy F13839\_ANGELINA-XW-B\_(Luxeon\_CoB\_1208)  
Lamps: 1 x Luxeon\_CoB\_1208\_1057.71lm@250mA\_P=8.26438W\_I=249.8mA

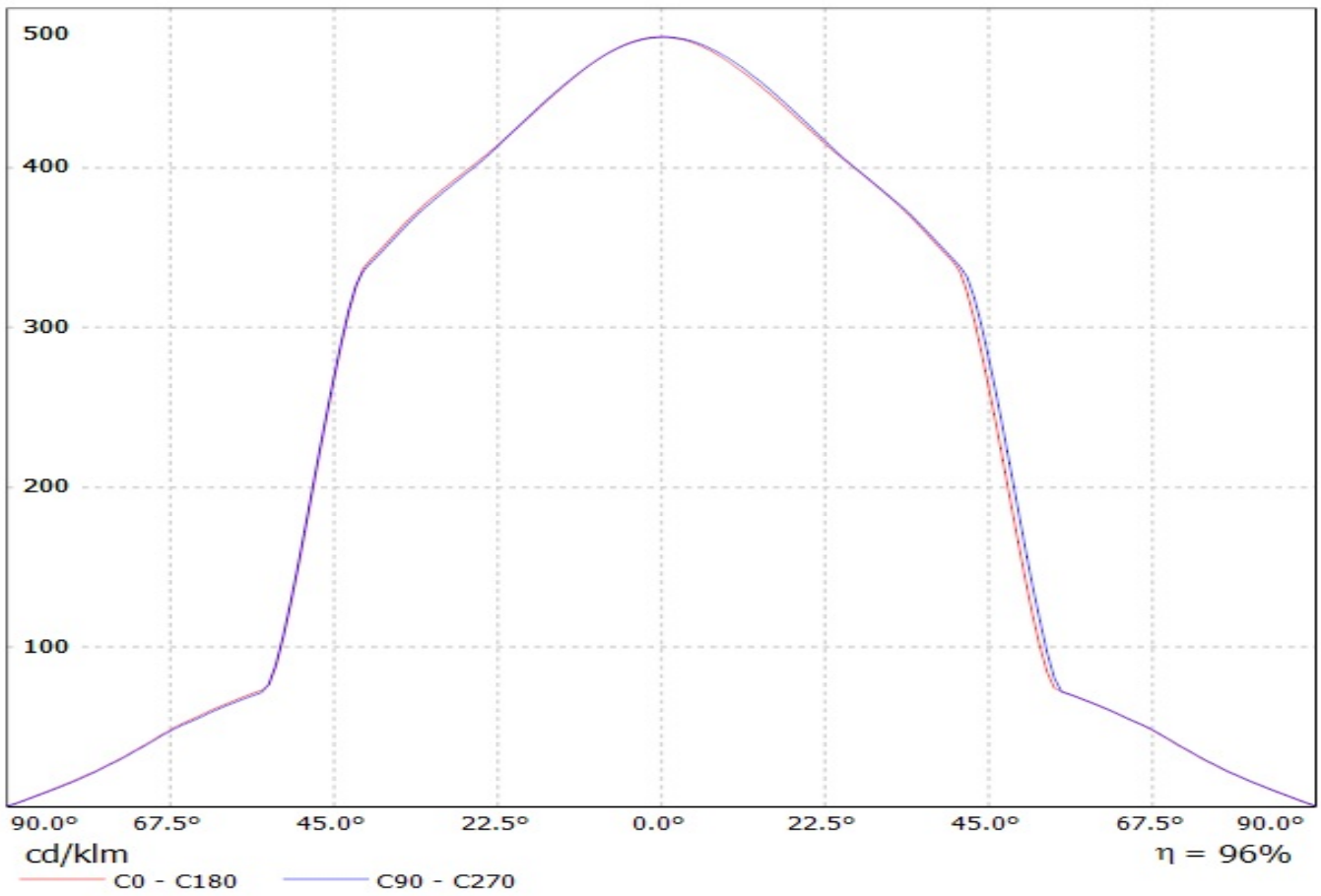


Luminaire: LEDiL Oy F13839\_ANGELINA-XW-B (Luxeon\_CoB\_1211)  
Lamps: 1 x LUXEON\_COB\_1211\_(LHC1-2790-1211)  
\_923.583lm@250mA\_CCT=2700K\_P=8.00909W\_I=249.8mA



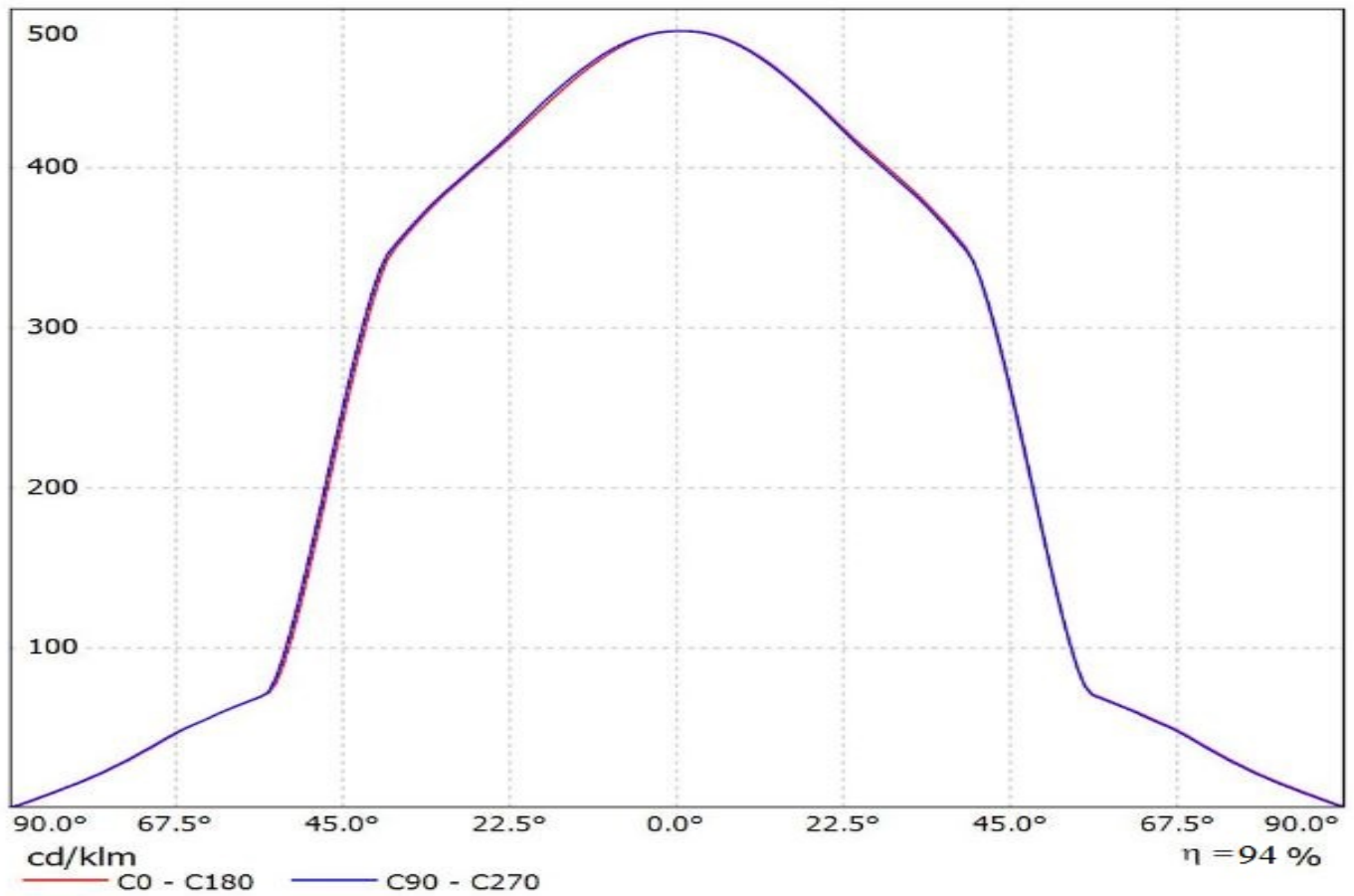
Luminaire: LEDiL Oy F13839\_ANGELINA-XW-B\_(Luxeon\_CoB\_1211)\_(BJB2030)

Lamps: 1 x Luxeon\_CoB\_1211\_(LHC1-5780-1211)\_(BJB2030)\_1330.16lm@250mA\_P=8.03503W\_I=0.2499A



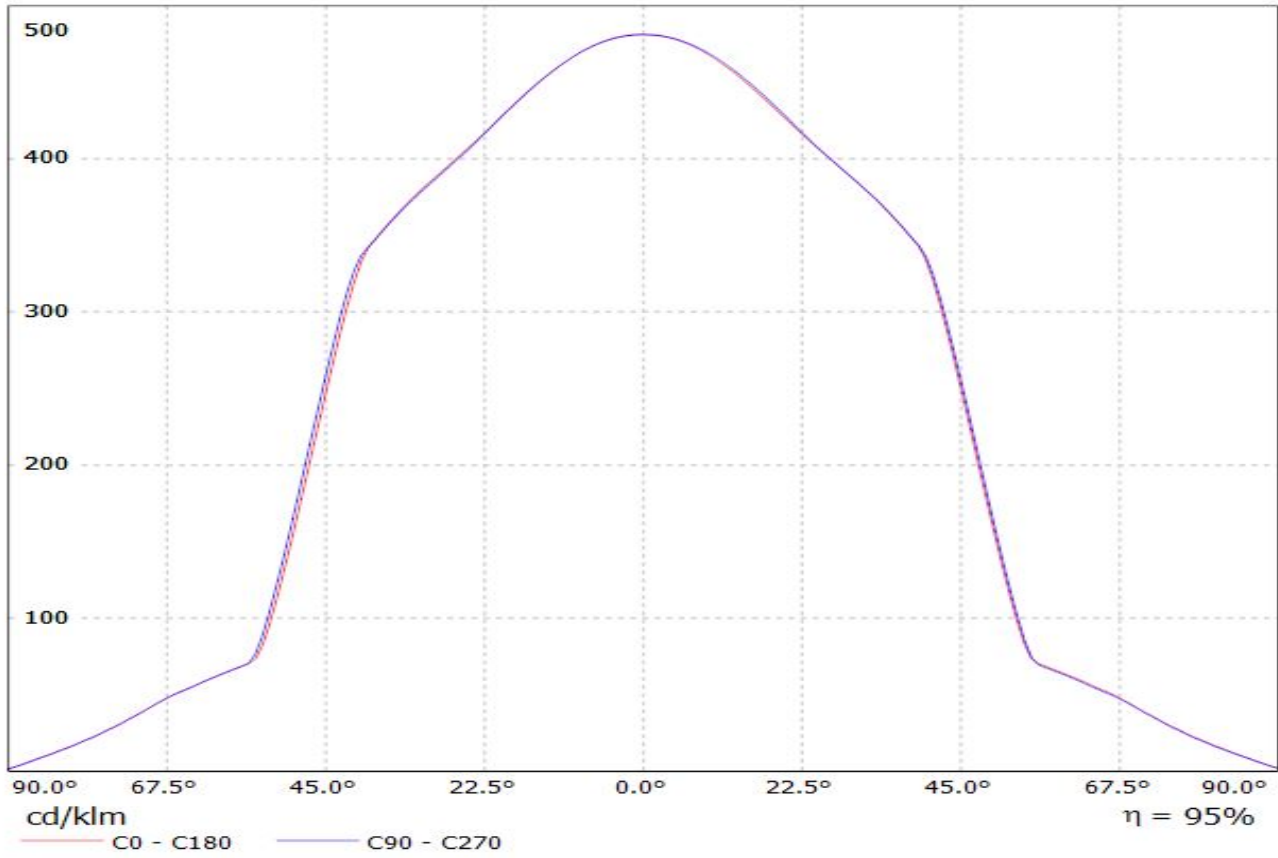
Luminaire: Ledil F13839\_ANGELINA-XW-B\_(CoB\_1216)

Lamps: 1 x Luxeon\_CoB\_1216\_(L2C2-40801216E2300)\_1478.53lm@250mA\_P=8.0068W\_I=0.25A

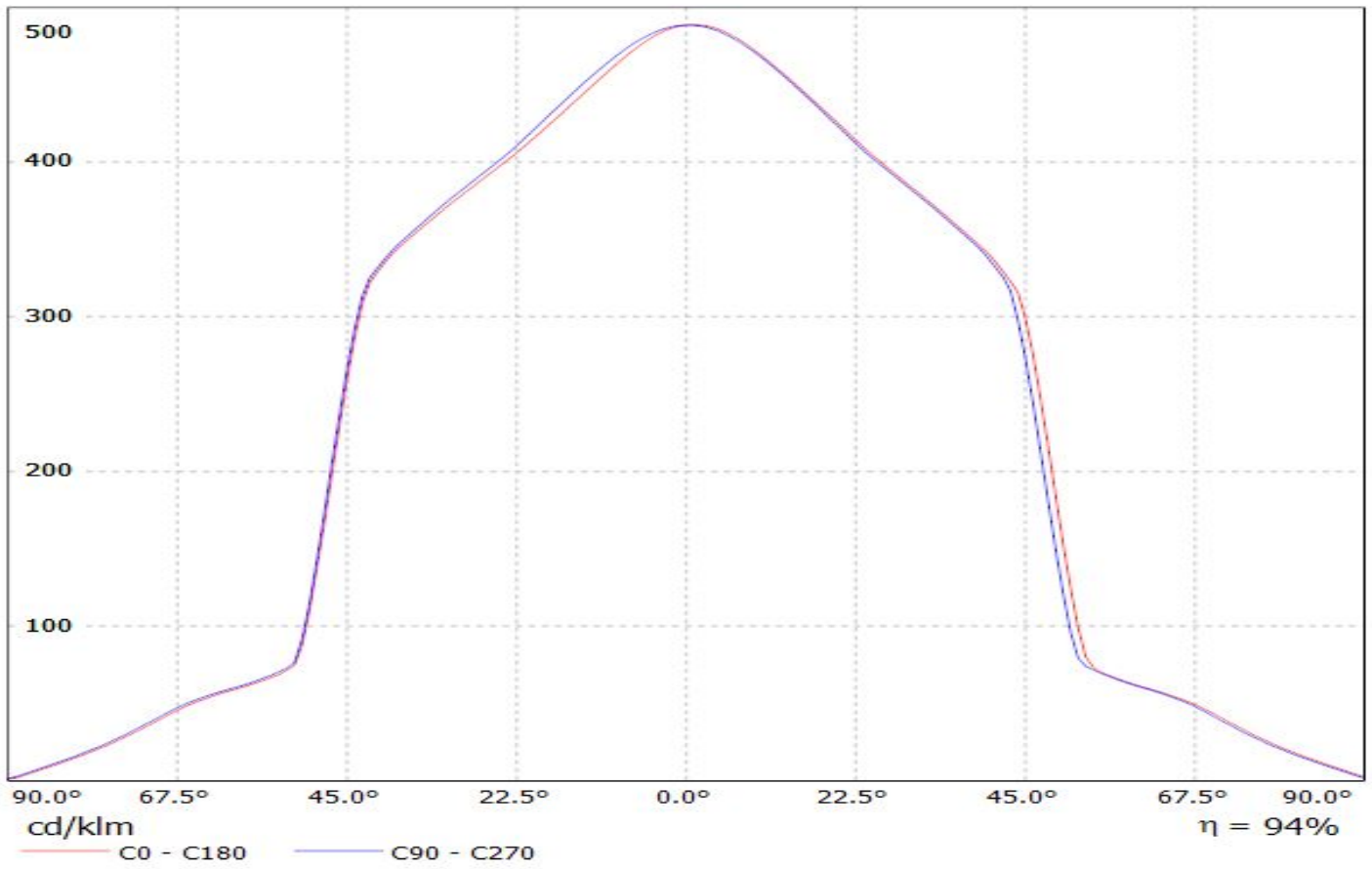


Luminaire: LEDiL Oy F13839\_ANGELINA-XW-B\_(CXM-22)

Lamps: 1 x LUMINUS\_CXM-22\_1221.8lm@250mA\_P=8.00809W\_CCT=3000K\_I=249.8mA

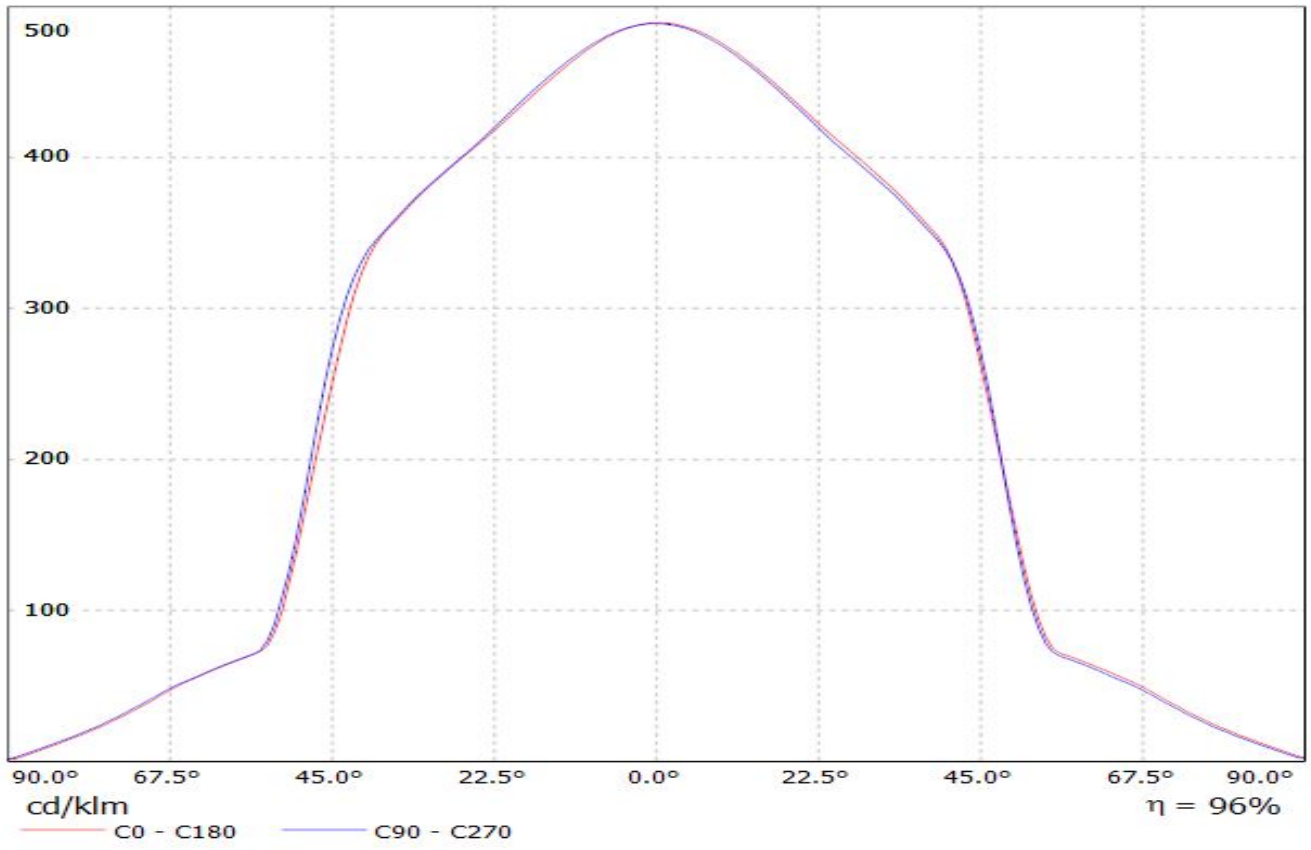


Luminaire: LEDiL Oy F13839\_ANGELINA-XW-B\_(CXM-14)  
Lamps: 1 x LUMINUS\_XNOVA\_CXM-14\_(AC00)  
\_1068.5lm@250mA\_CCT=3126K\_P=8.31834W\_I=249.8mA

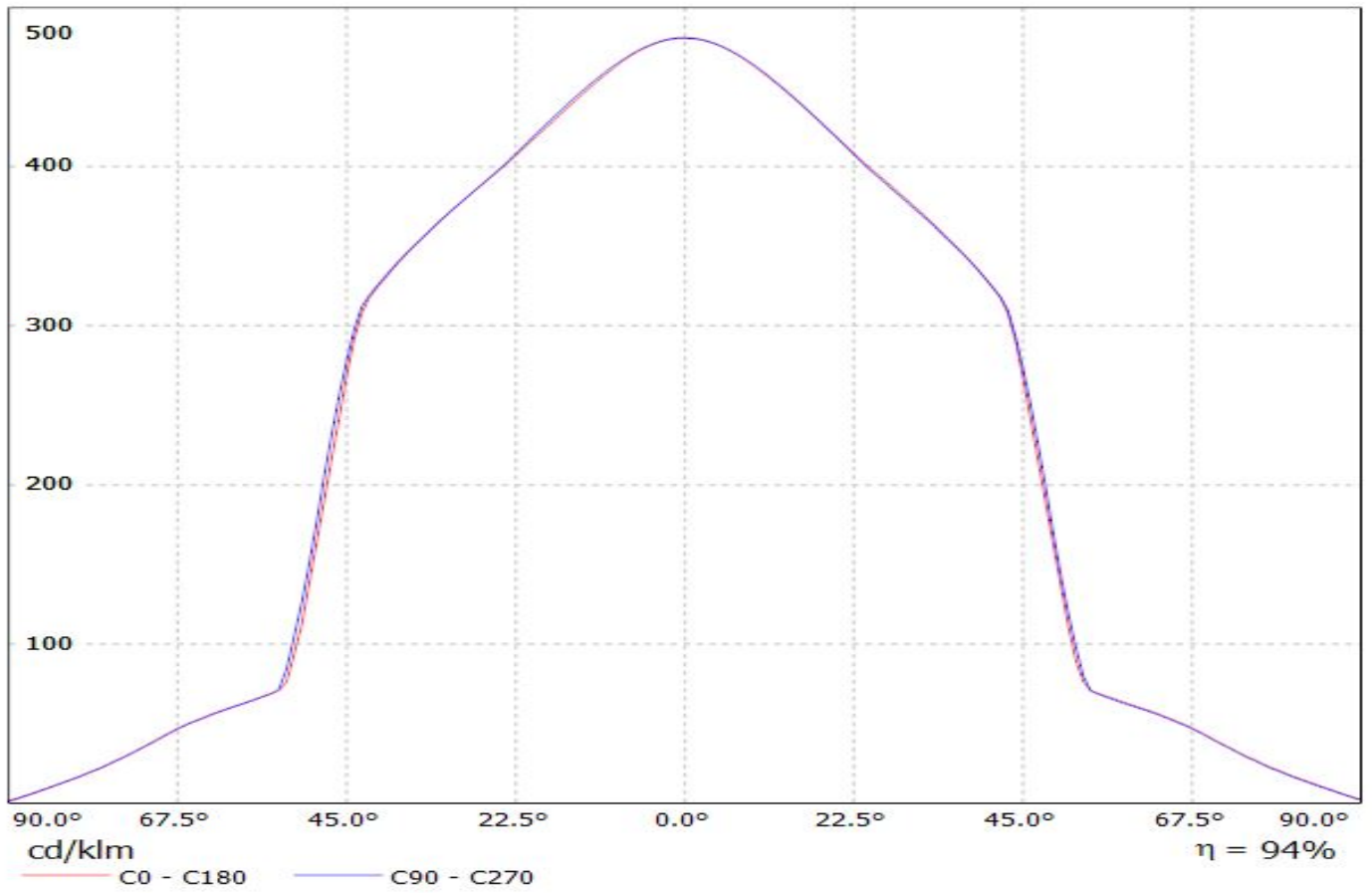




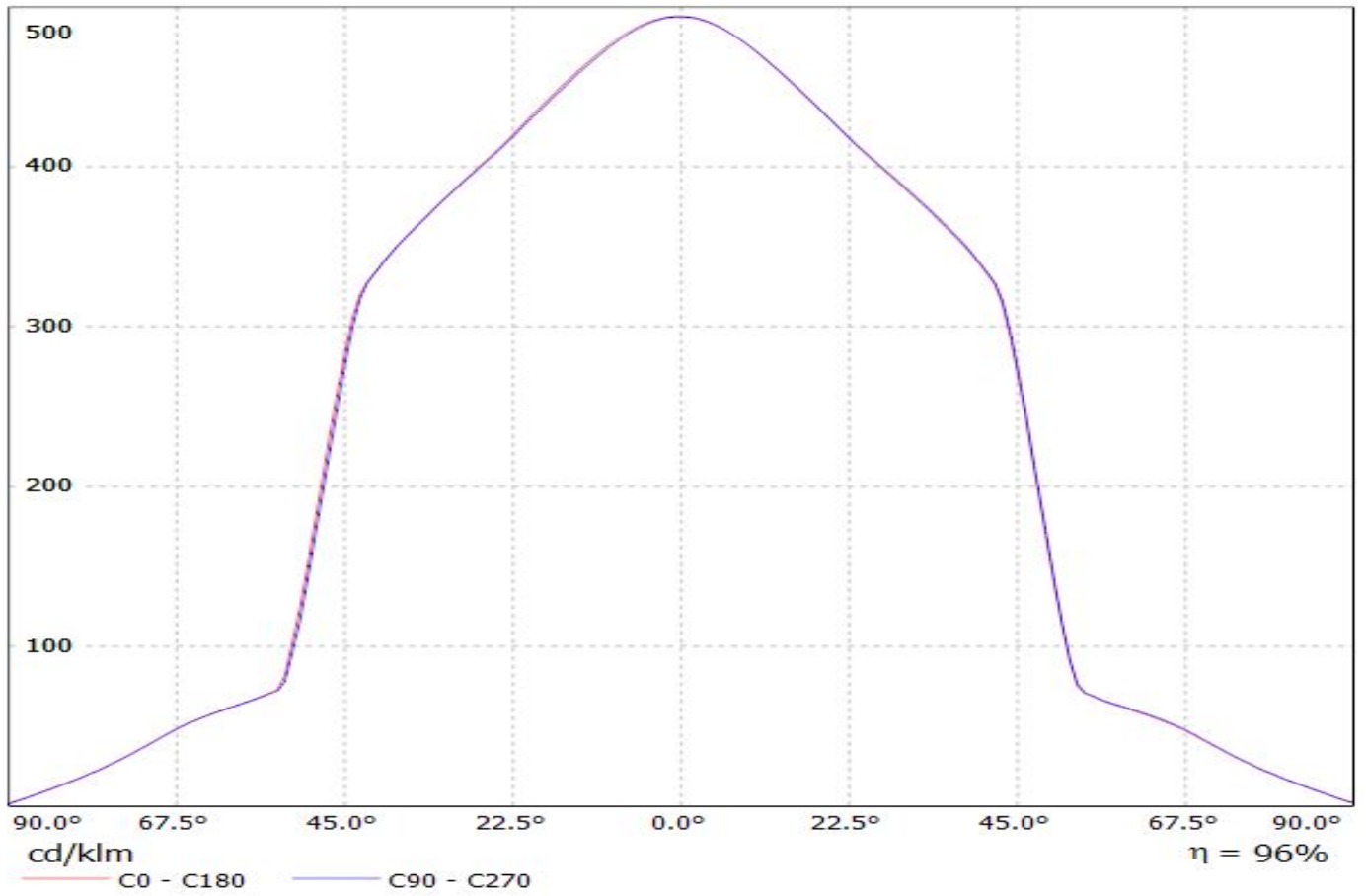
Luminaire: LEDiL Oy F13839\_ANGELINA-XW-B\_(SOLERIQ\_E30)  
Lamps: 1 x Osram\_SOLERIQ\_E30\_1278.11lm@250mA\_P=10.0015W\_I=249.8mA



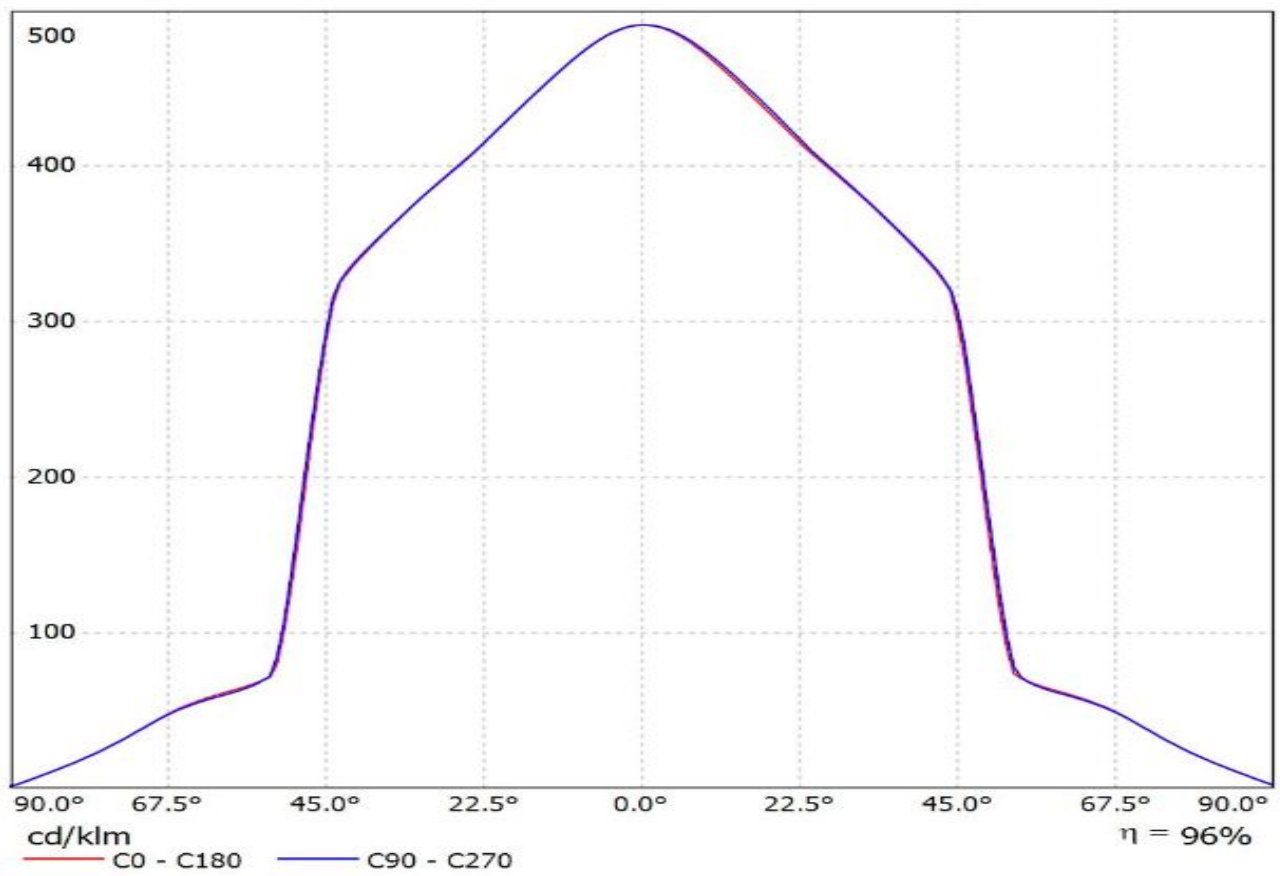
Luminaire: LEDiL Oy F13839\_ANGELINA-XW-B\_(Soleriq S19) Eff.96.7%  
Lamps: 1 x OSRAM\_SOLERIQ\_S19\_(GW\_KAHJB1.EM)  
\_1487.65lm@250mA\_CCT=3000K\_P=10.558W\_I=249.8mA



Luminaire: LEDiL Oy F13839\_ANGELINA-XW-B\_(S19) Eff.95.9%  
Lamps: 1 x Osram\_SOLERIQ\_S19\_1434.85lm@250mA\_P=10.5595W\_I=249.8mA

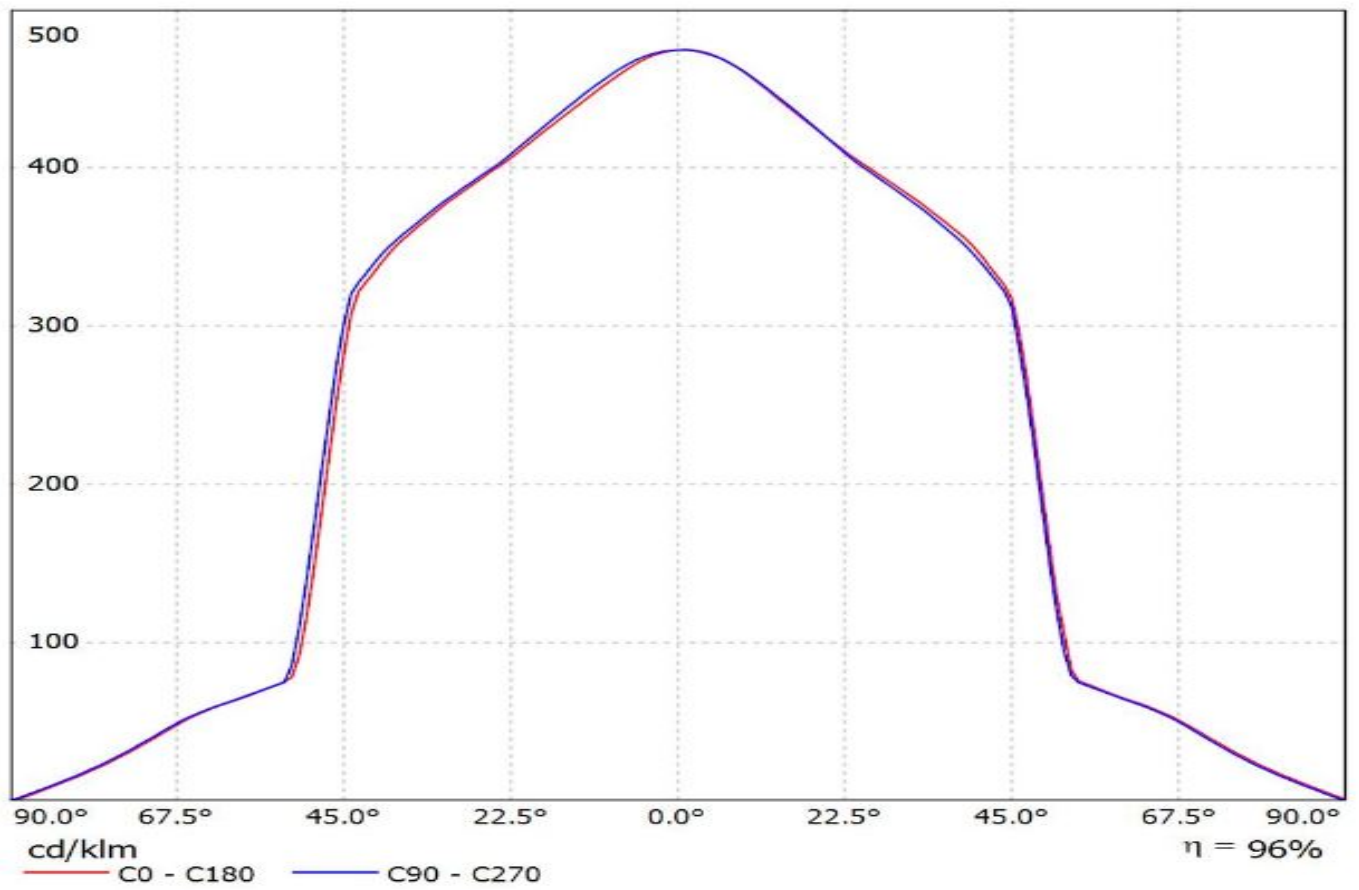


Luminaire: LEDiL Oy F13839\_ANGELINA-XW-B\_(SOLERIQ\_P13)  
Lamps: 1 x SOLERIQ\_P13\_(GW\_MAGMB1.EM)\_1053.65lm@250mA\_CCT=3000K\_P=8.82044W\_I=249.8mA

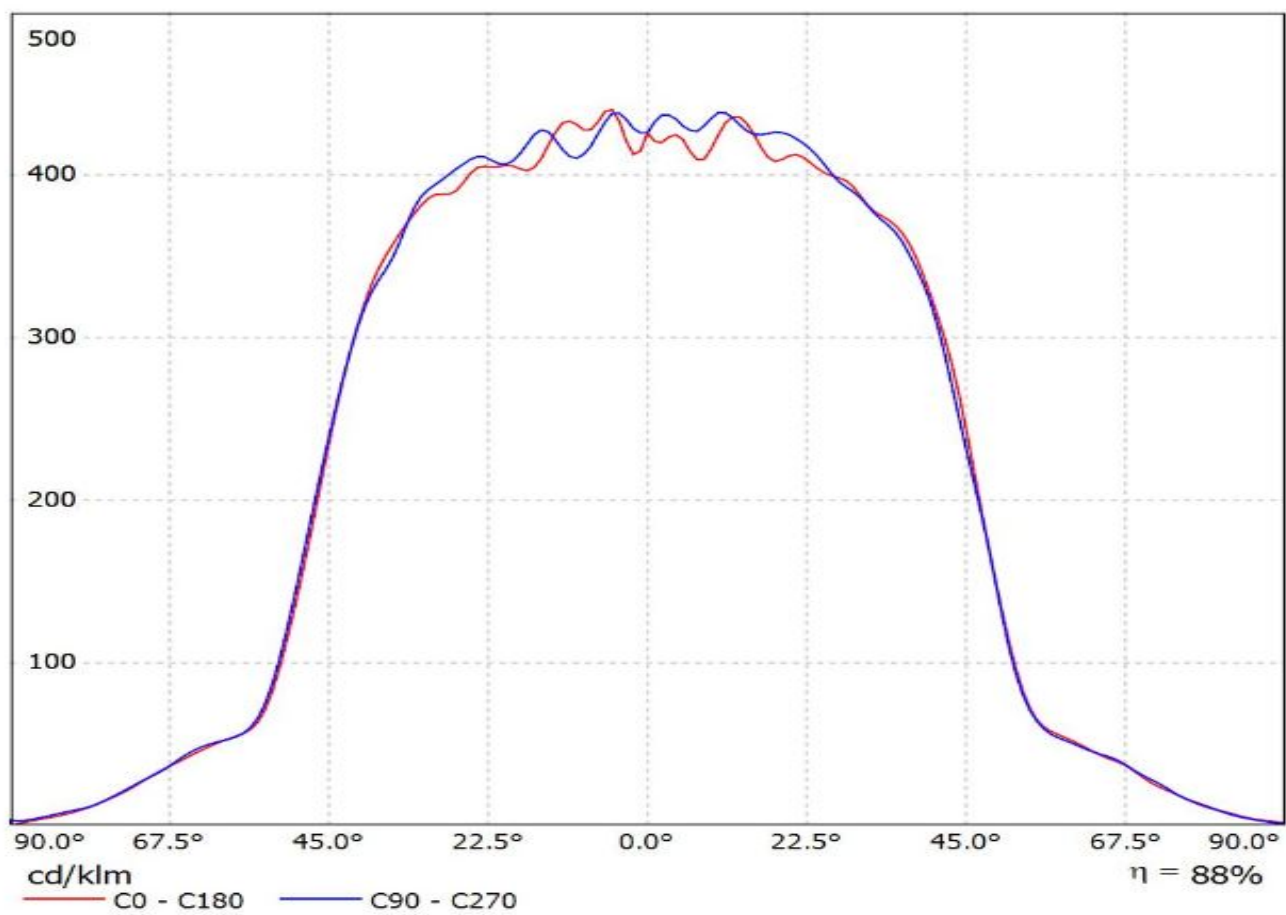


Luminaire: Ledil F13839\_ANGELINA-XW-B\_(Soleriq\_S13\_G2)

Lamps: 1 x Osram\_Soleriq\_S13\_G2\_(GW\_KAGHB2.EM)1353.18lm@250mA\_P=8.46W\_I=0.25A

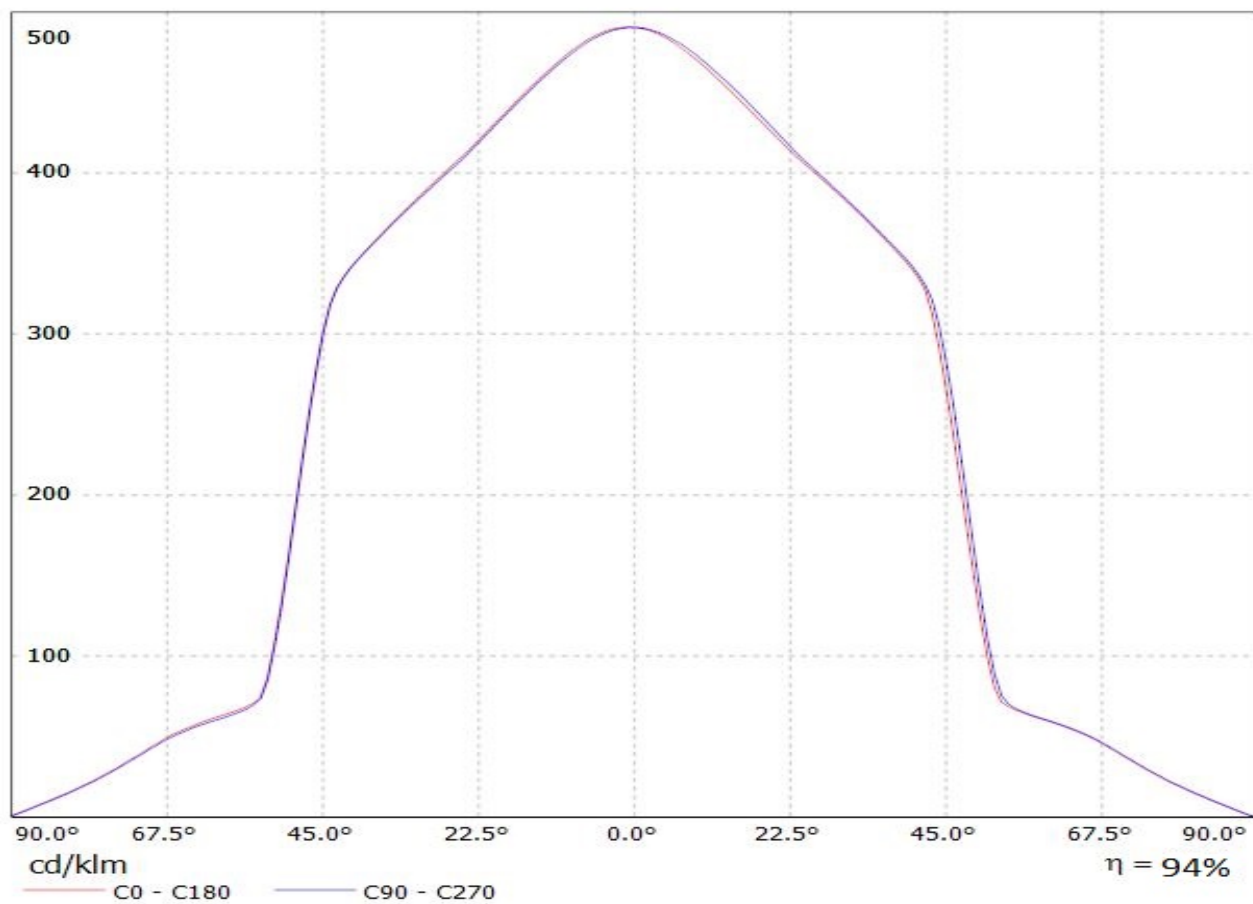


Luminaire: Ledil Oy F13839\_ANGELINA-XW-B+\_BJB\_47.319.2030\_SAMSUNG\_COB\_D\_LC040D\_SIMULATED  
Lamps: 1 x SAMSUNG LC040D



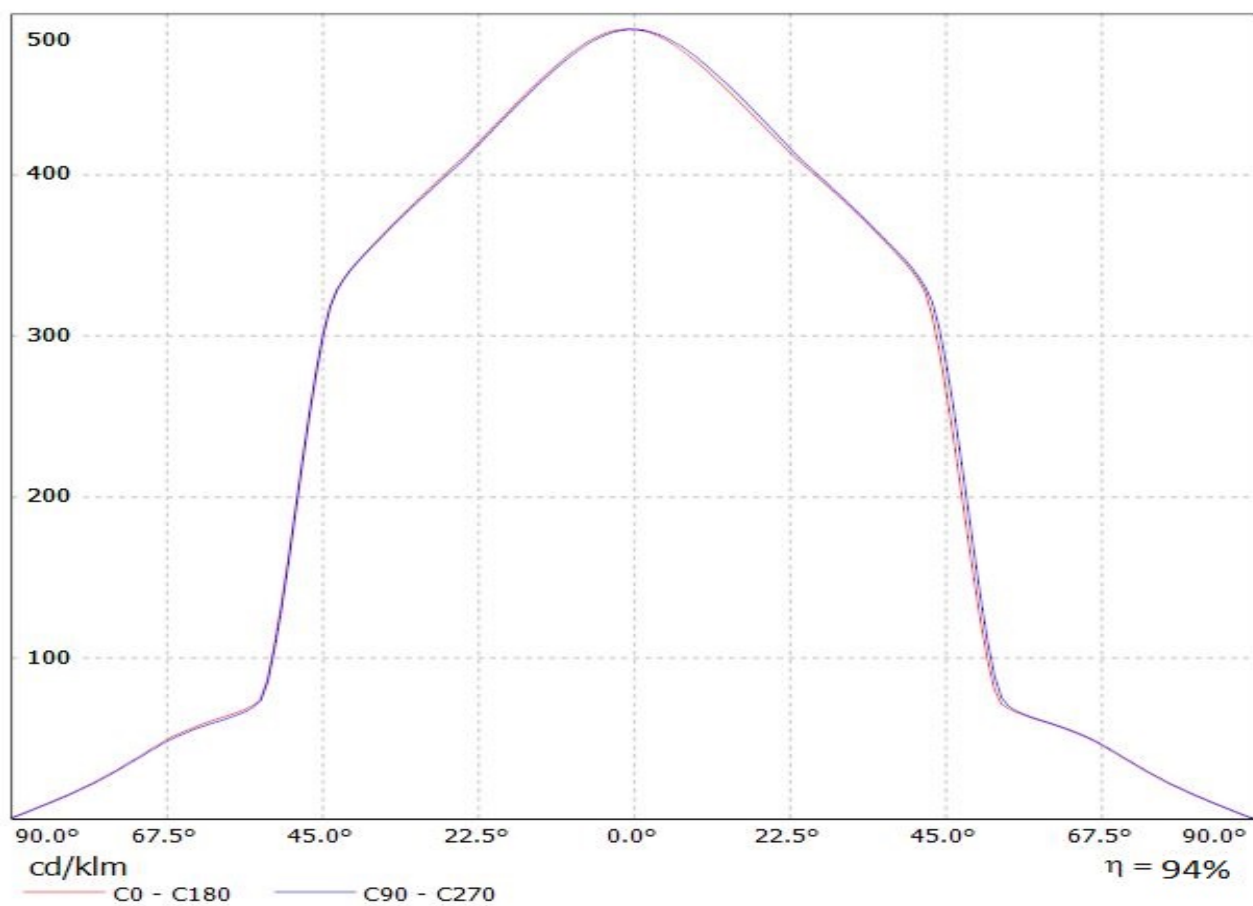
Luminaire: LEDiL Oy F13839\_ANGELINA-XW-B\_(COB\_D\_14,5mm)

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 F13839\_ANGELINA-XW-B\_(COB\_D\_14,5mm)

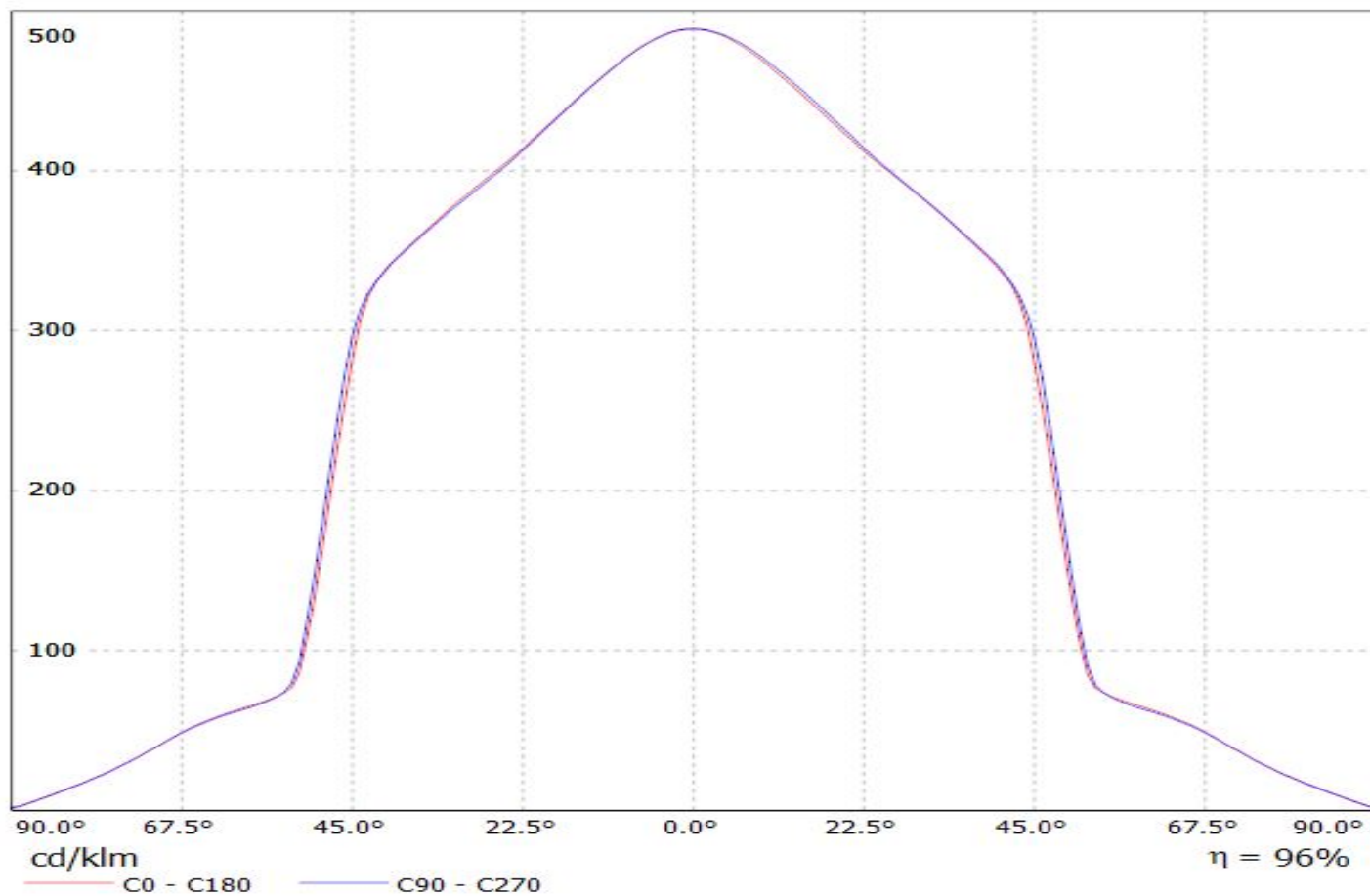
Lamps: 1 x Samsung\_COB\_D\_Series-LES-14,5\_LC026D\_1296.34lm@250mA\_CCT=3000K\_P=8.1225W\_I=0.250A





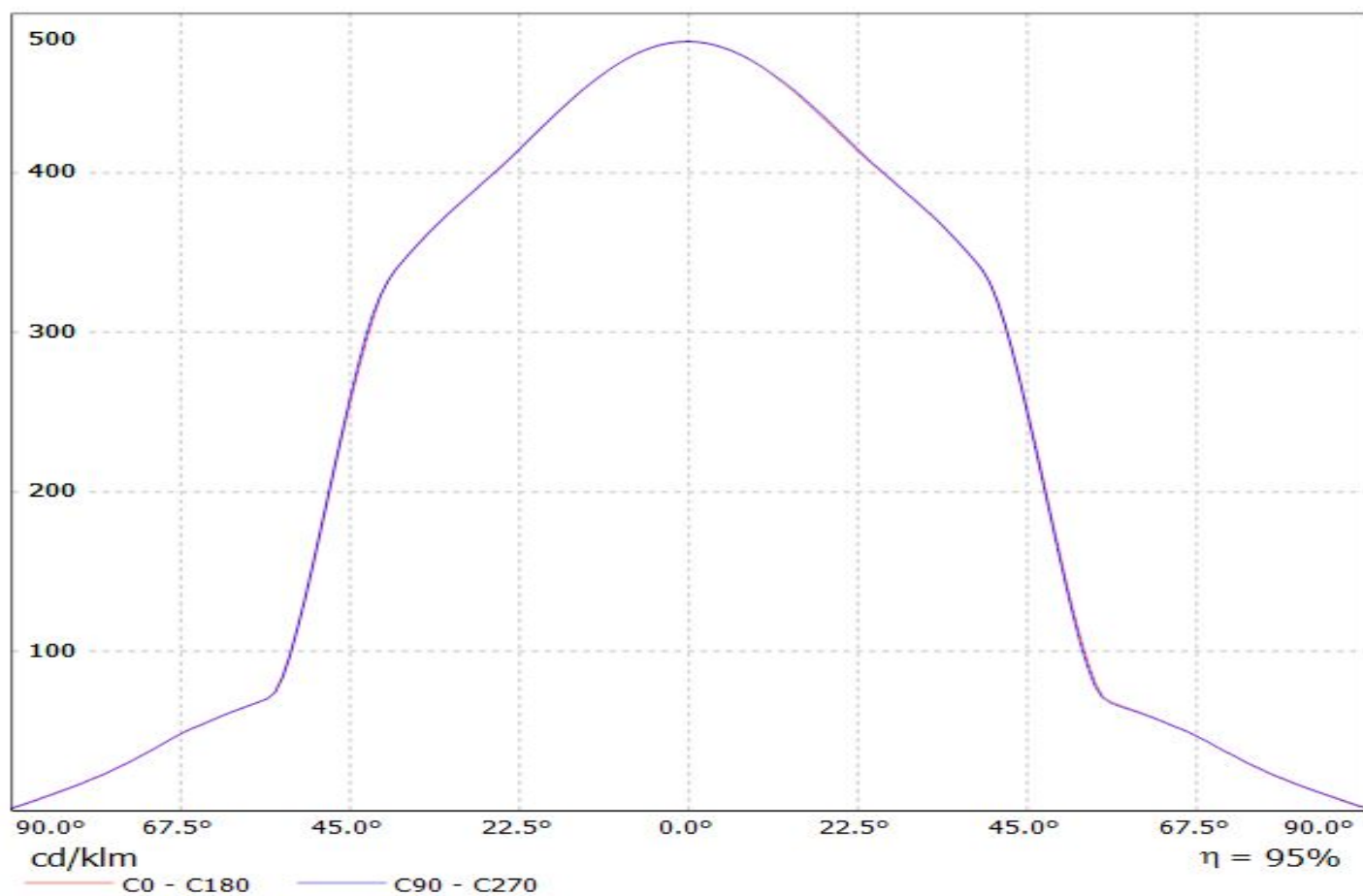
Luminaire: LEDiL Oy F13839\_ANGELINA-XW-B\_(ZC12)

Lamps: 1 x SEOUL\_ZC12\_(SDW82F1C)\_1240.73lm@250mA\_P=8.68405W\_I=249.8mA



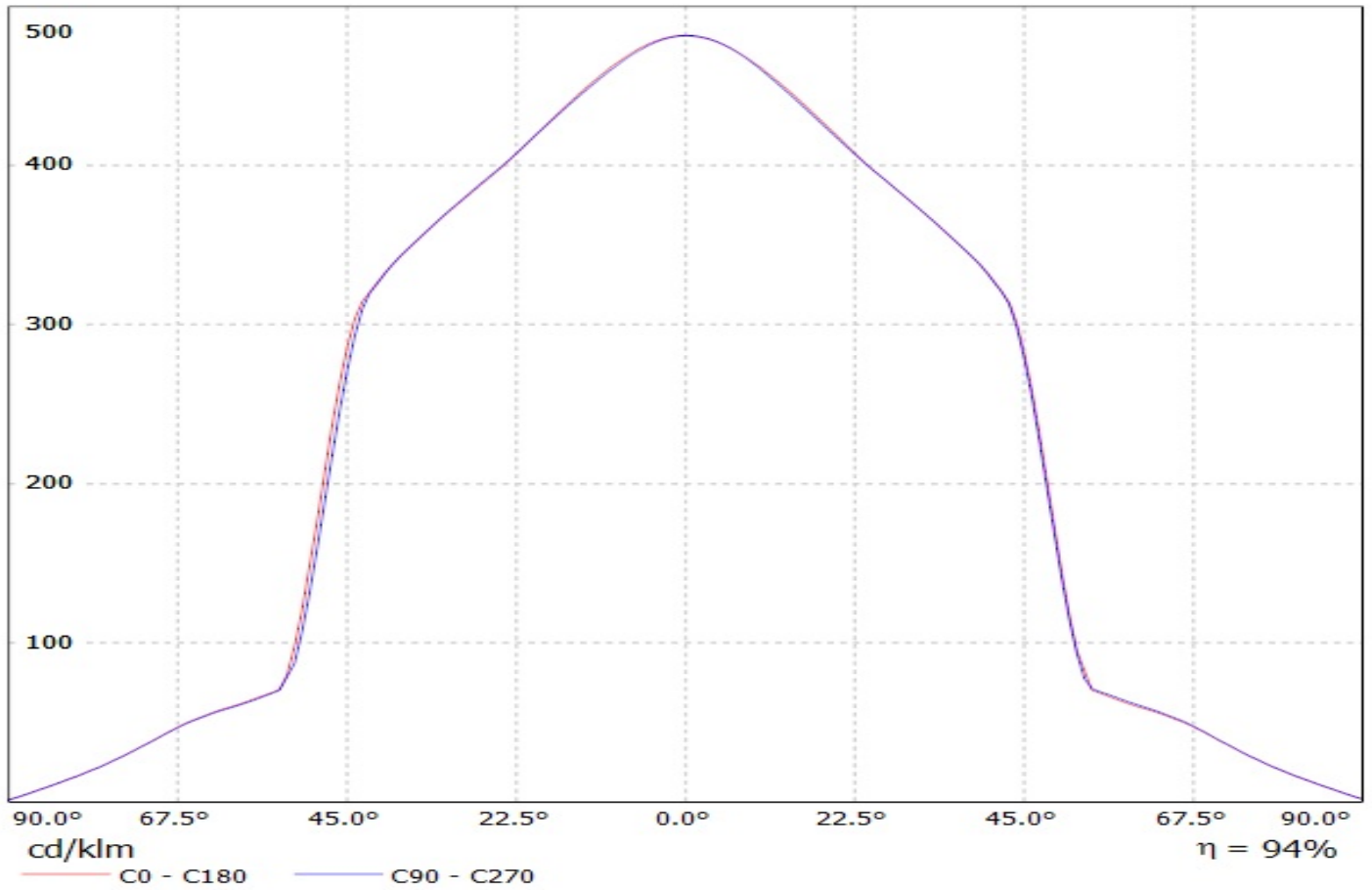
Luminaire: LEDiL Oy F13839\_ANGELINA-XW-B\_(ZC40)

Lamps: 1 x SEOUL\_ZC40\_(SBWW5F1B)\_1185.55lm@250mA\_P=8.2384W\_I=249.8mA



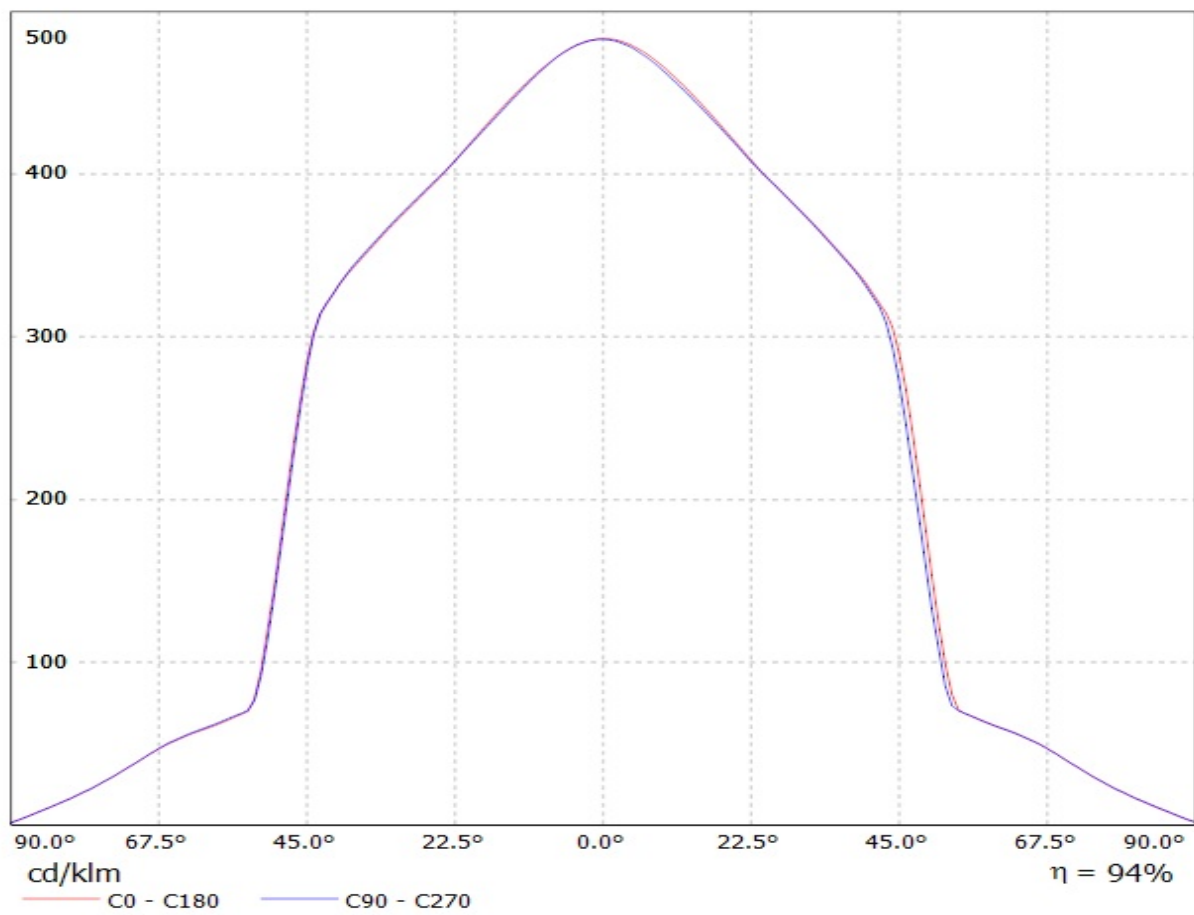
Luminaire: LEDiL Oy F13839\_ANGELINA-XW-B\_(Mega Zenigata\_GW5DGC)

Lamps: 1 x Sharp\_Mega\_Zenigata\_GW5DGC\_900lm@250mA\_P=8.6146W\_I=249.8mA

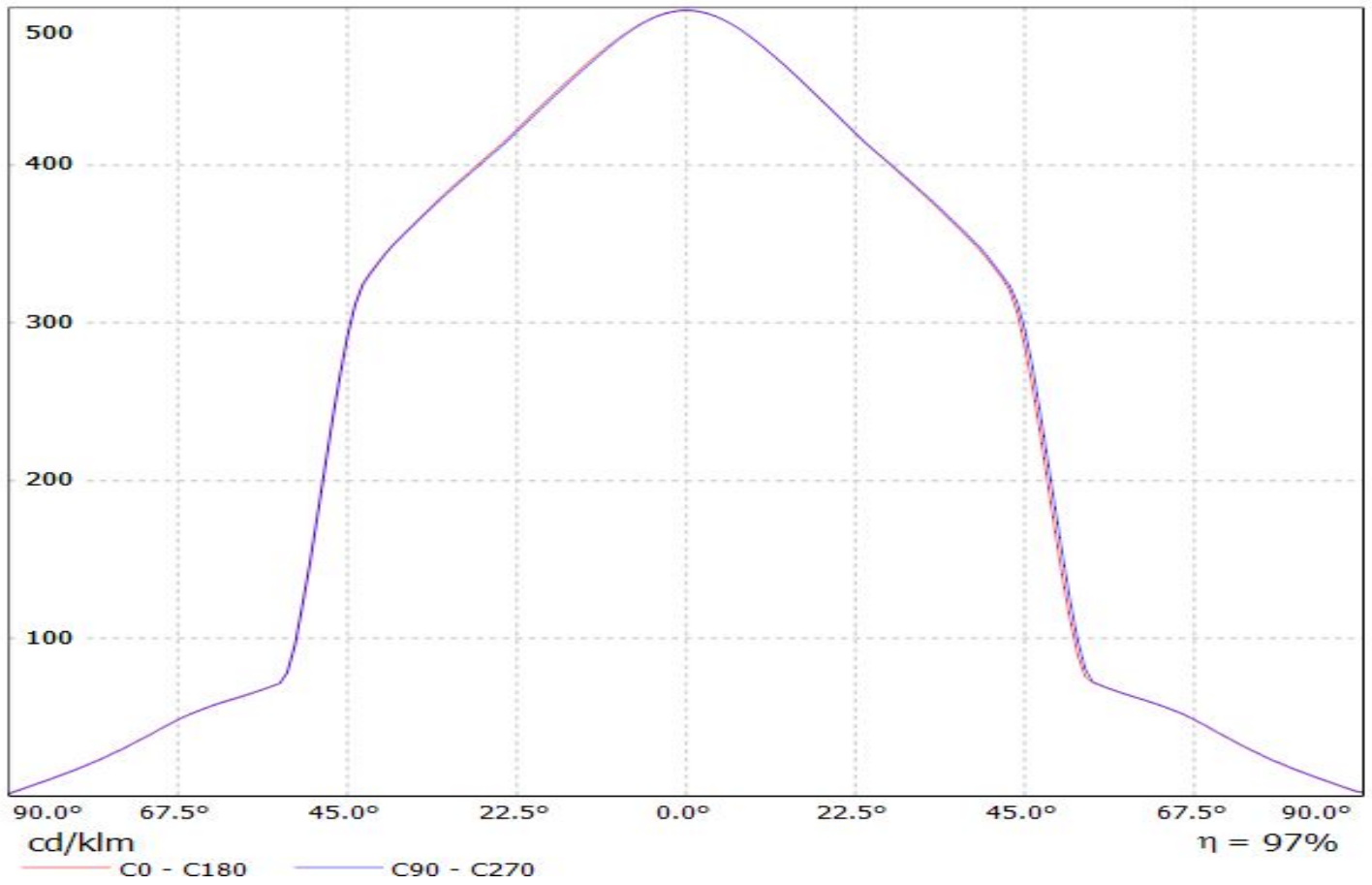


Luminaire: LEDiL Oy F13839\_ANGELINA-XW-B\_(Mega\_Zenigata\_GW6DME)

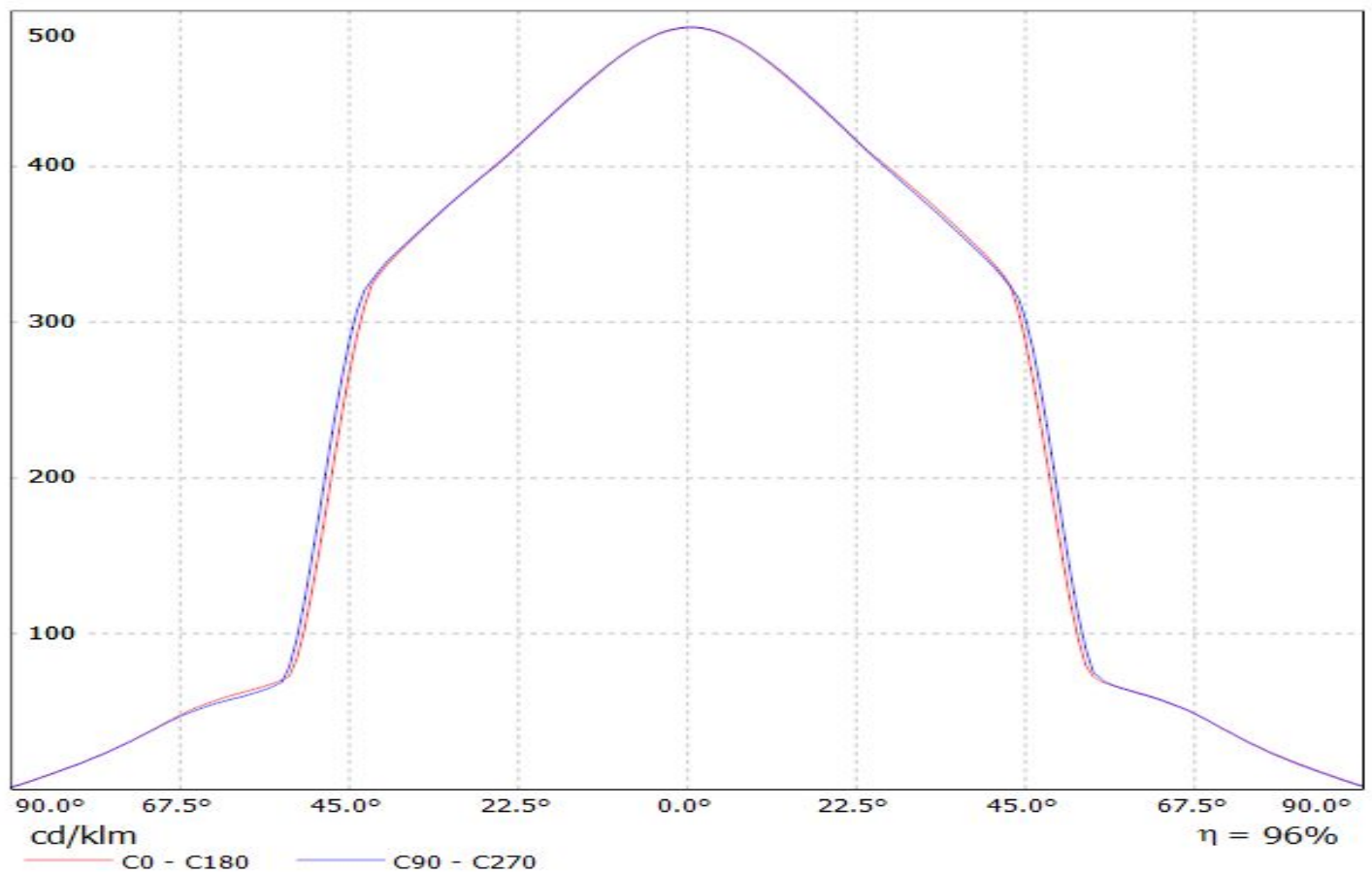
Lamps: 1 x Sharp\_Mega\_Zenigata\_GW6DME\_(GW6DME30NFC)\_1285lm@250mA\_CCT=3038K\_P=11.1456W\_I=249.8mA



Luminaire: LEDiL Oy F13839\_ANGELINA-XW-B\_(MegaZenigata\_GW6)  
Lamps: 1 x Sharp\_MegaZenigata\_GW6\_(GW6DME30NFC)  
\_1266.19lm@250mA\_CCT=3038K\_P=11.2151W\_I=250.6mA

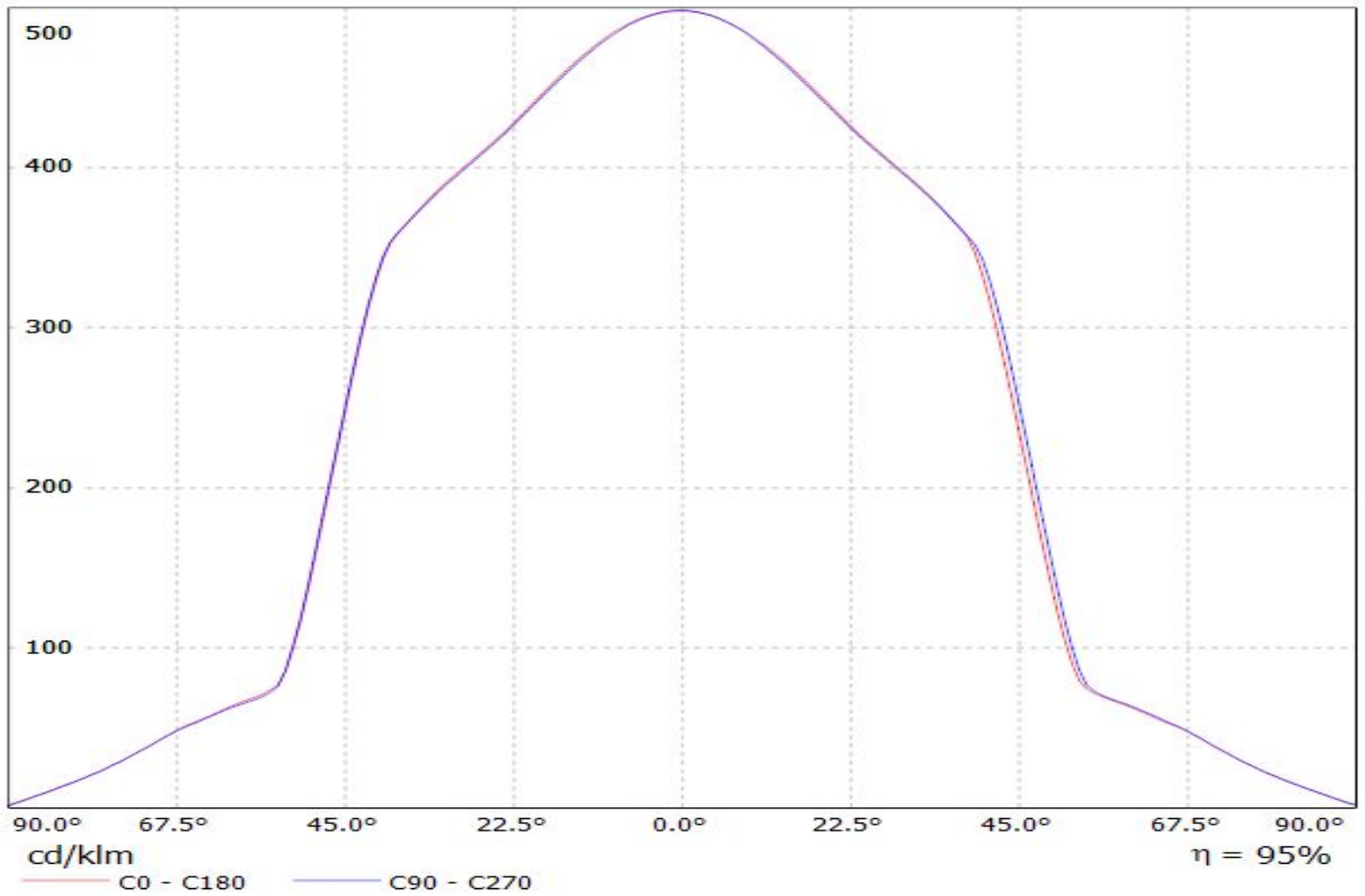


Luminaire: LEDiL Oy F13839\_ANGELINA-XW-B\_(STARK\_SLE\_G3\_LES17)  
Lamps: 1 x TRIDONIC\_STARK\_SLE\_G3\_LES17\_(STARK-SLE-PURE\_G3-17-2000-840-CLA)  
\_1030.26lm@250mA\_CCT=2000K\_P=8.34707W\_I=249.8mA

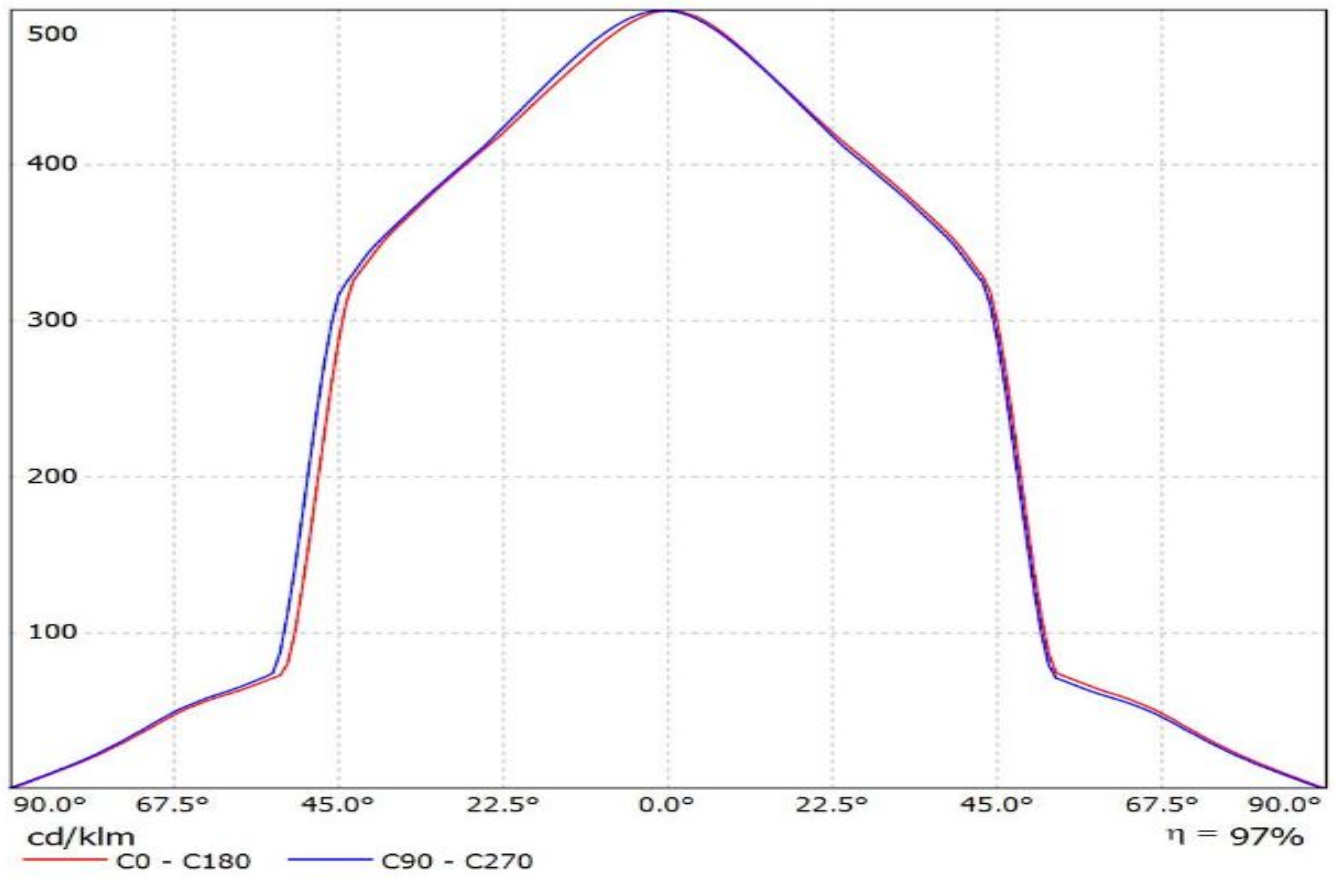


Luminaire: LEDiL Oy F13839\_ANGELINA-XW-B\_(SLE G4 LES23)

Lamps: 1 x Tridonic\_SLE\_G4\_LES23\_1428.75lm@250mA\_P=8.19944W\_I=0.2498A

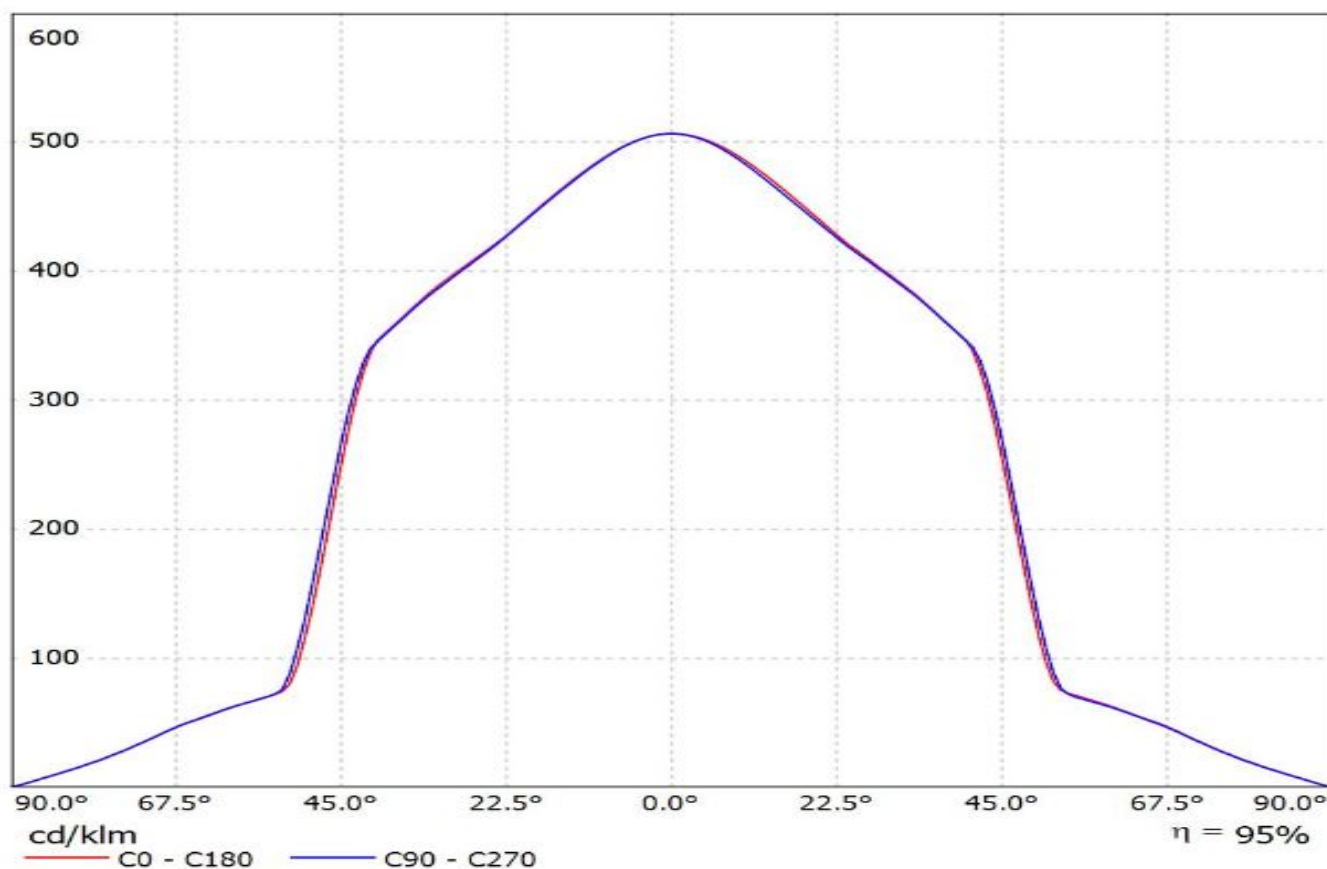


Luminaire: LEDiL Oy F13839\_ANGELINA-XW-B\_(SLE-G5\_LES-15)  
Lamps: 1 x Tridonic\_SLE-G5\_LES-15\_1272.36lm@250mA\_P=8.6660W\_I=0.250A

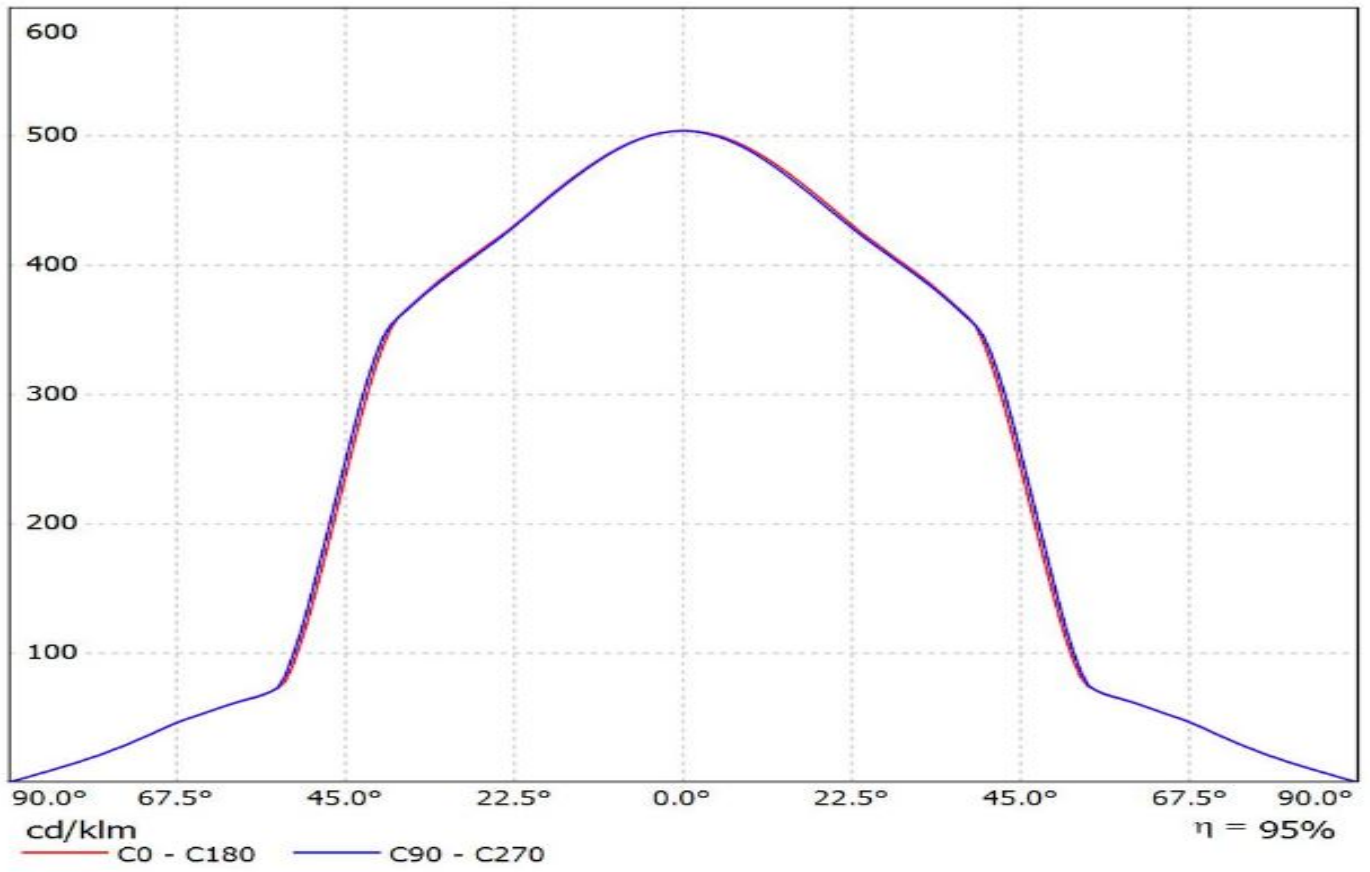




Luminaire: LEDiL Oy F13839\_ANGELINA-XW-B\_(SLE-G5\_LES-19)  
Lamps: 1 x Tridonic\_SLE-G5\_LES-19\_1334.47lm@250mA\_P=8.2224W\_I=0.250A

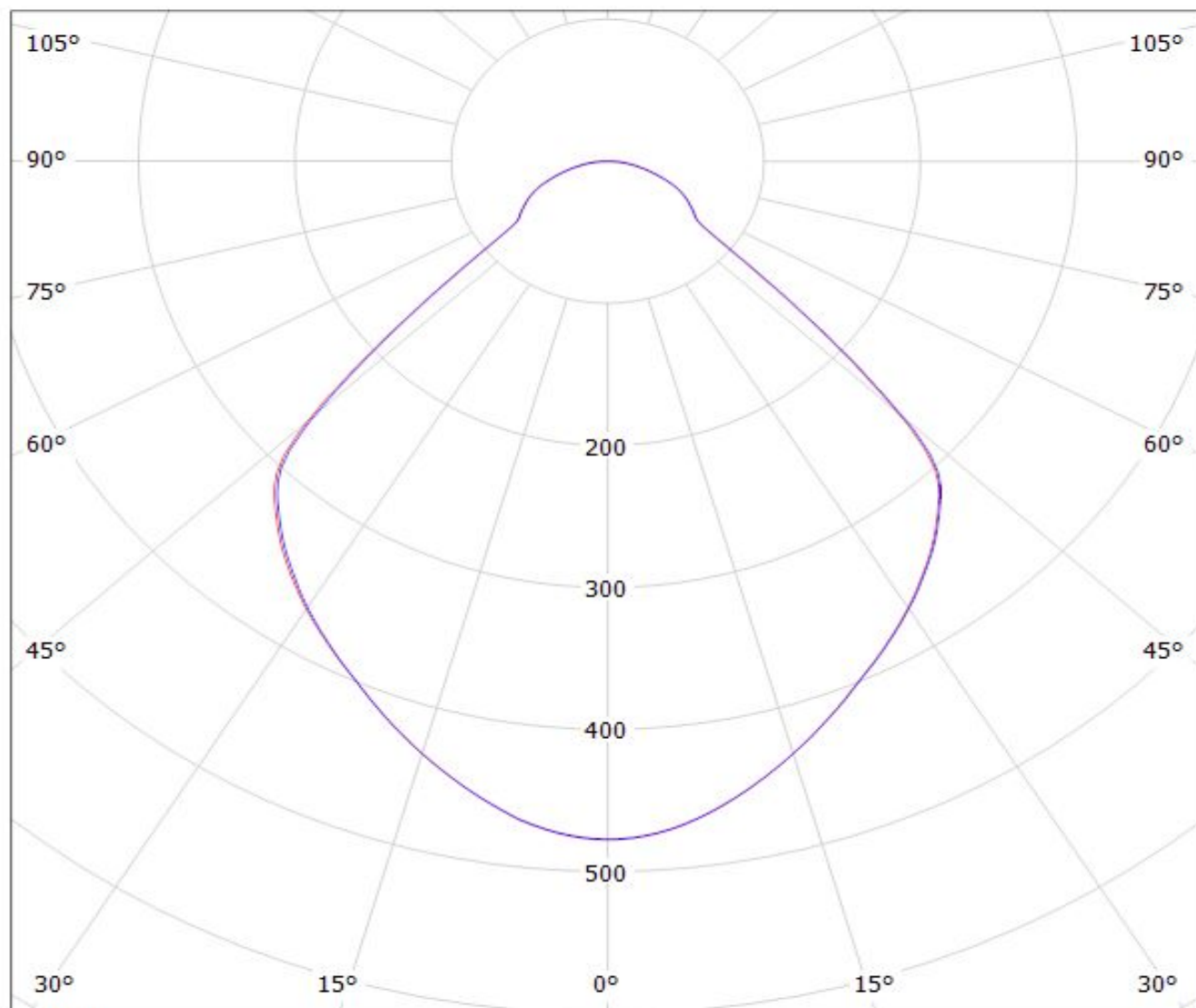


Luminaire: LEDiL Oy F13839\_ANGELINA-XW-B\_(SLE-G5\_LES-23)  
Lamps: 1 x Tridonic\_SLE-G5\_LES-23\_1377.96lm@250mA\_P=8.114W\_I=0.250A



Luminaire: LEDiL Oy F13839\_ANGELINA-XW-B\_(BXRA\_ES)

Lamps: 1 x BXRA\_ES\_(W1203-102820-3110)\_298m@250mA\_P=4.09661W\_I=249.9mA



cd/klm

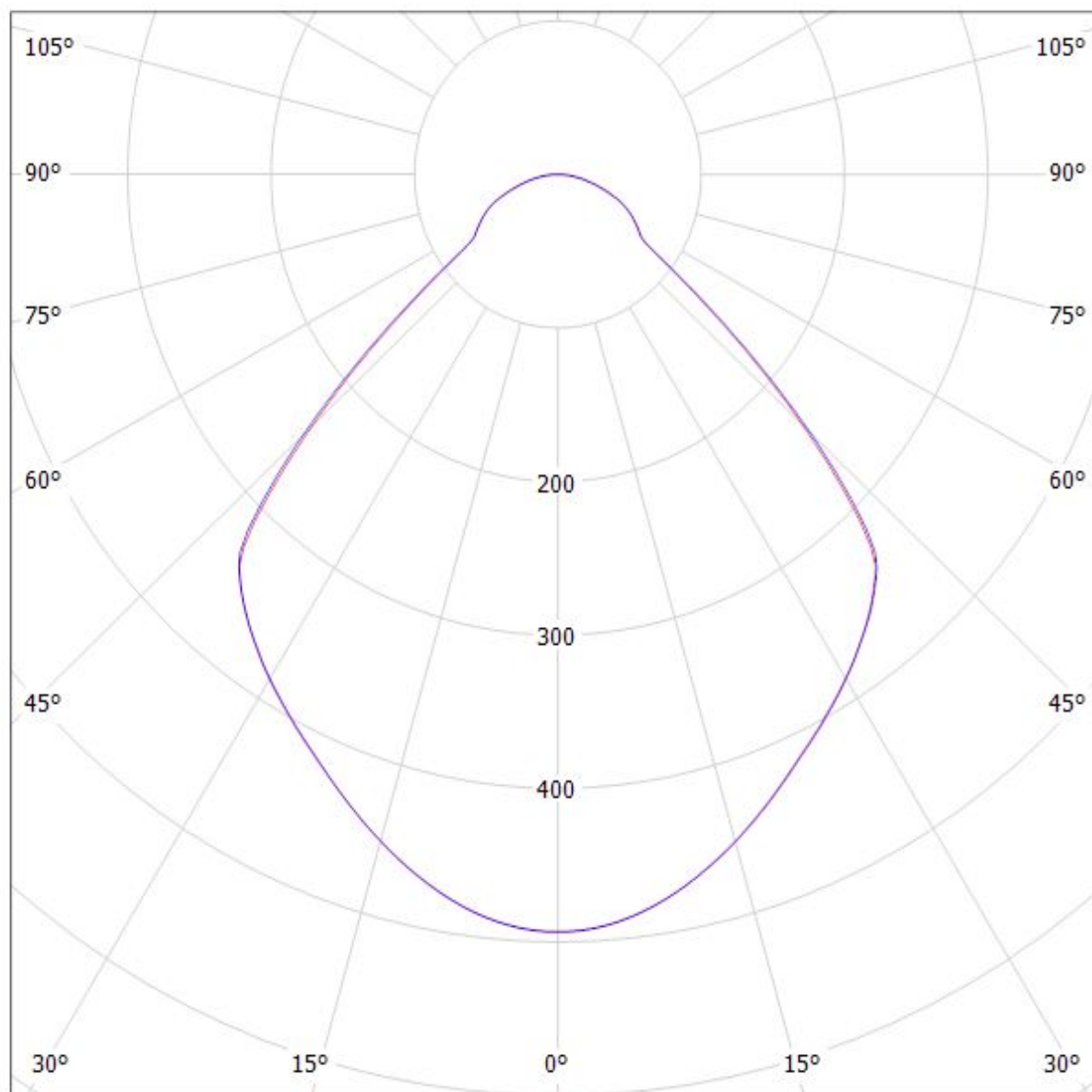
— C0 - C180

— C90 - C270

$\eta = 94\%$

Luminaire: LEDiL Oy F13839\_ANGELINA-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



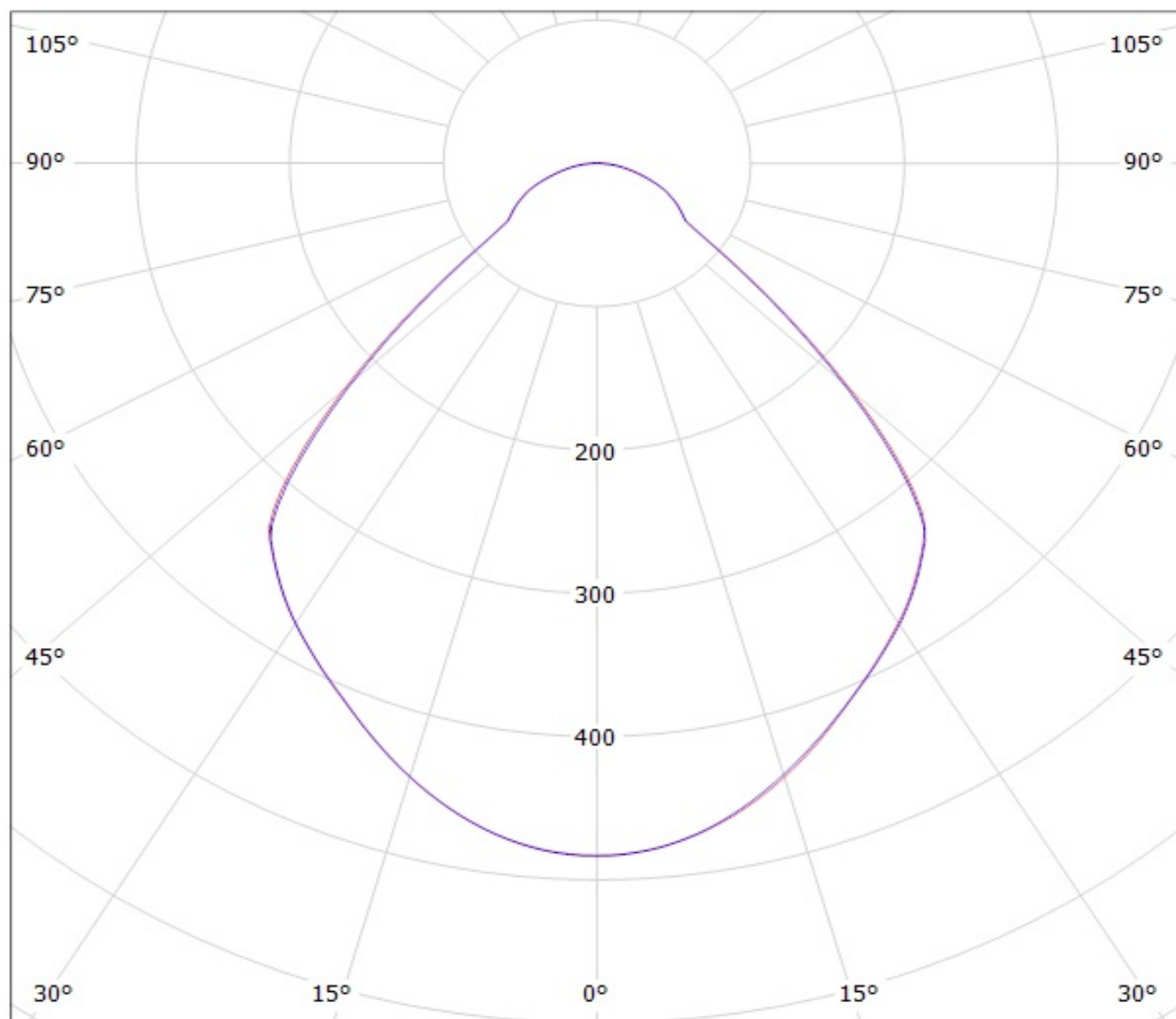
cd/klm

η = 96%

— C0 - C180 — C90 - C270

Luminaire: LEDiL Oy F13839\_ANGELINA-XW-B\_(CLL042) Eff: 94%

Lamps: 1 x Citizen\_CLL042\_(CLL042-1218A5-303H3-D2)\_959.2lm@250mA\_P=8.04978W\_I=0.2499A



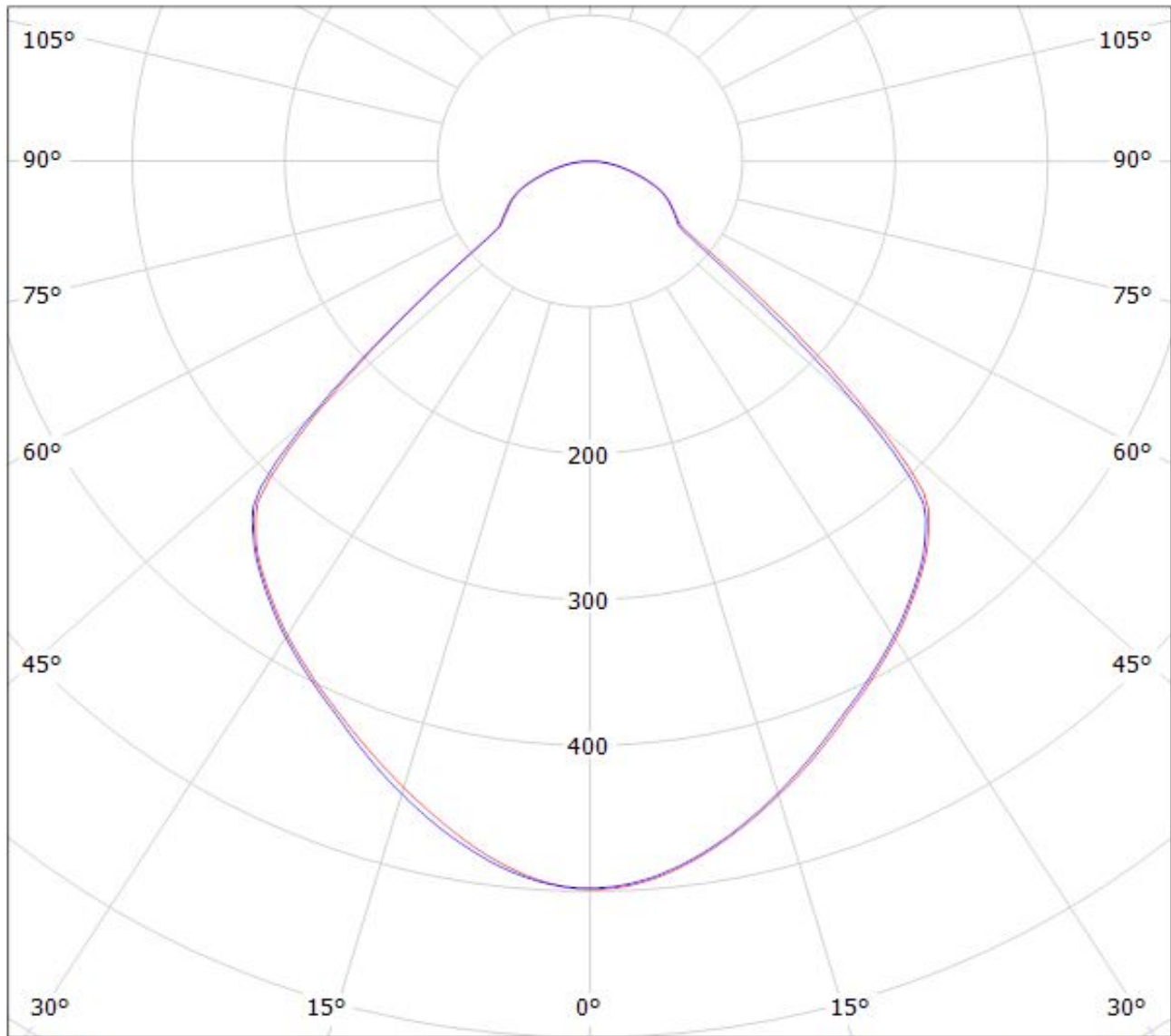
cd/klm

— C0 - C180

— C90 - C270

Luminaire: LEDiL Oy F13839\_ANGELINA-XW-B\_(CLL030)

Lamps: 1 x CITIZEN\_CLL030\_(CLL030-1206A1303M1A2)\_1050lm@250mA\_P=8.45787W\_I=249.9mA



cd/klm

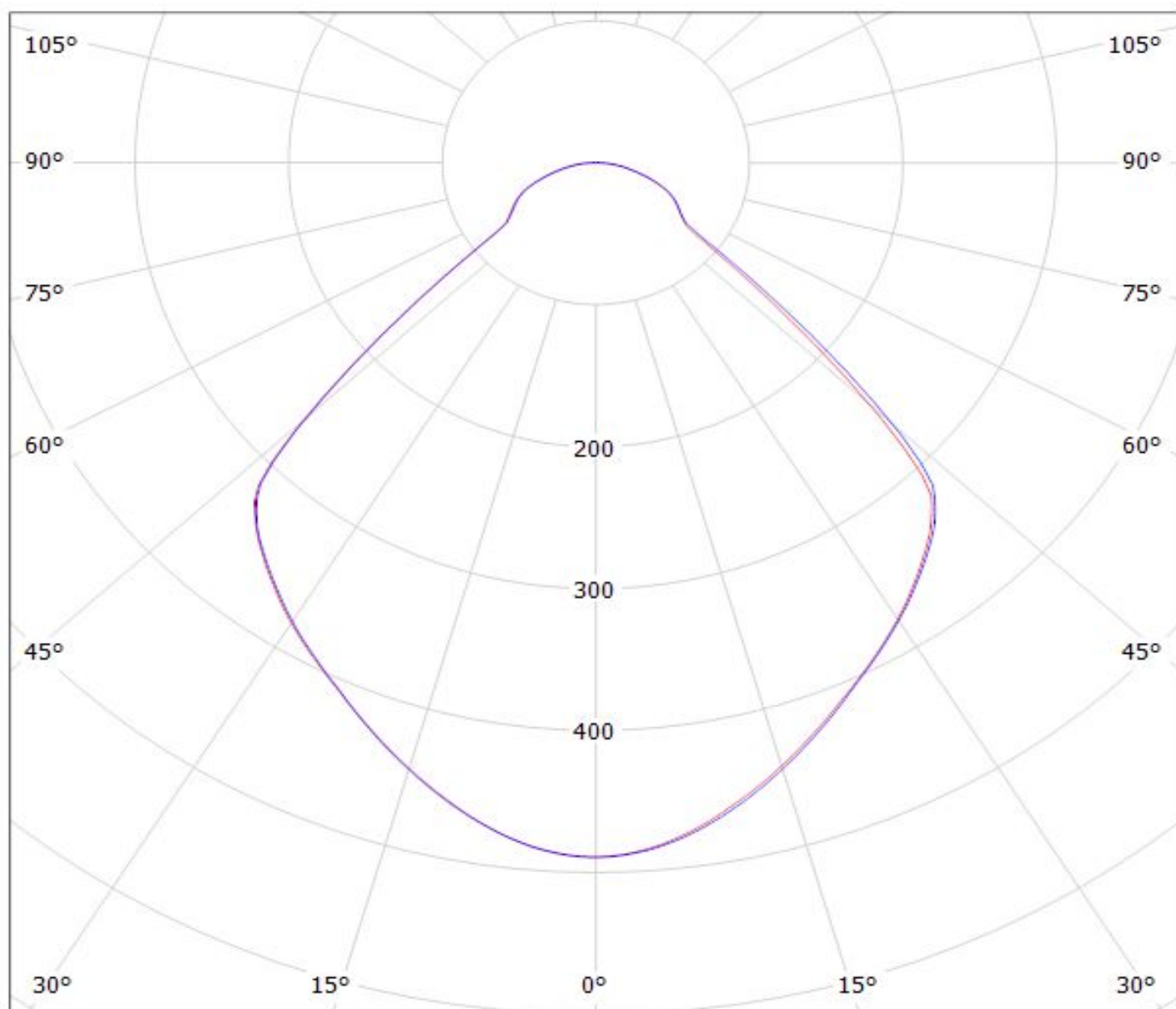
— C0 - C180

— C90 - C270

$\eta = 96\%$

Luminaire: LEDiL Oy F13839\_ANGELINA-XW-B\_(CLU034)

Lamps: 1 x Citizen\_CLU034\_(CLU034-1205B8-303M1A2)\_1159.11lm@250mA\_P=8.46586W\_I=249.9mA



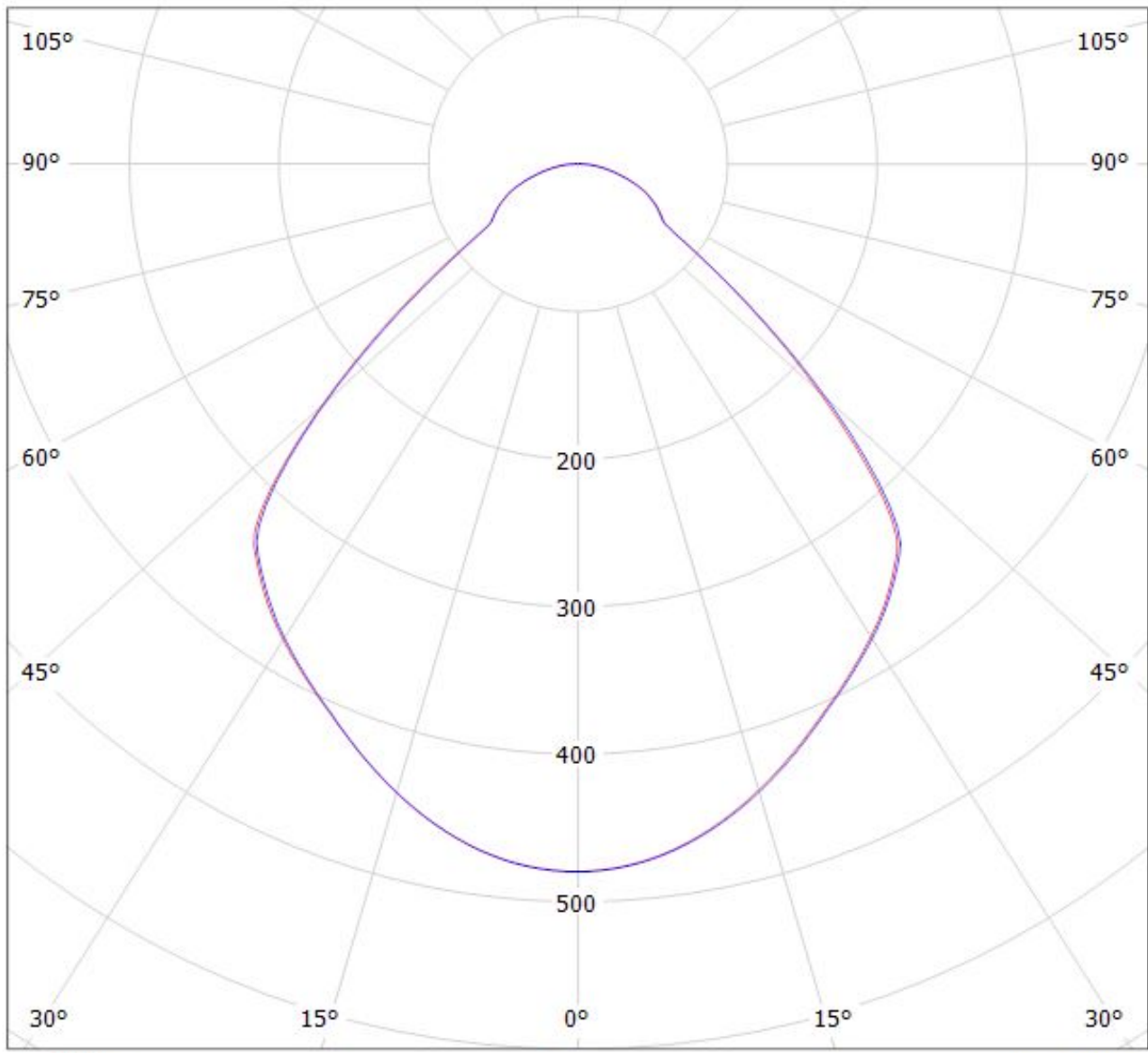
cd/klm

— C0 - C180    — C90 - C270

$\eta = 97\%$

Luminaire: LEDiL Oy F13839\_ANGELINA-XW-B\_(CLU044)

Lamps: 1 x Citizen\_CLU044\_(CLU044-1212B8-303M1A2)\_1300.9lm@250mA\_P=8.14849W\_I=249.9mA



cd/klm

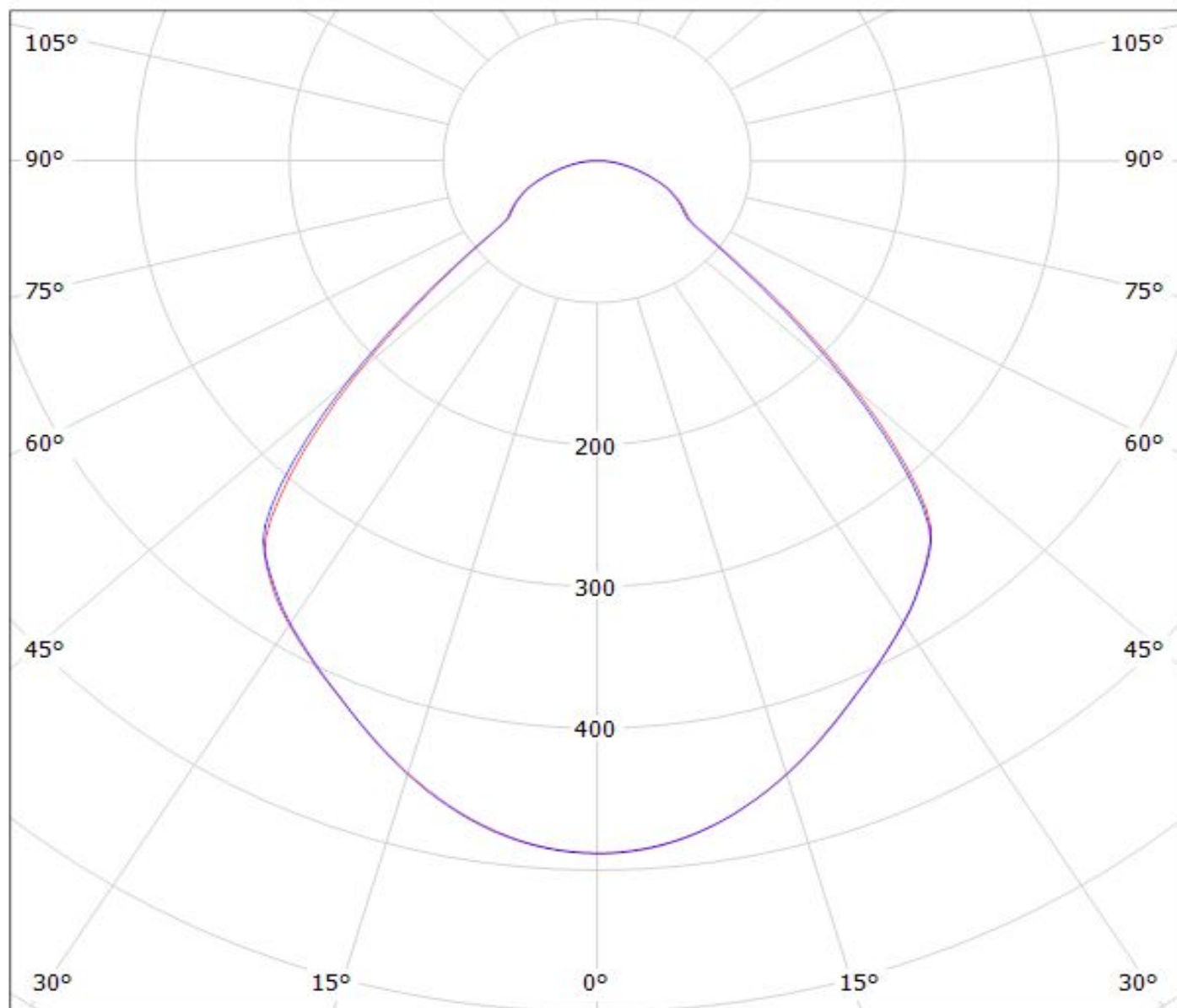
— C0 - C180 — C90 - C270

$\eta = 95\%$



Luminaire: LEDiL Oy F13839\_ANGELINA-XW-B\_(CXA30)

Lamps: 1 x Cree\_CXA30\_(CXA3050-3C0-Y2-N0H)\_1395.36lm@250mA\_P=8.20318W\_I=249.8mA



cd/klm

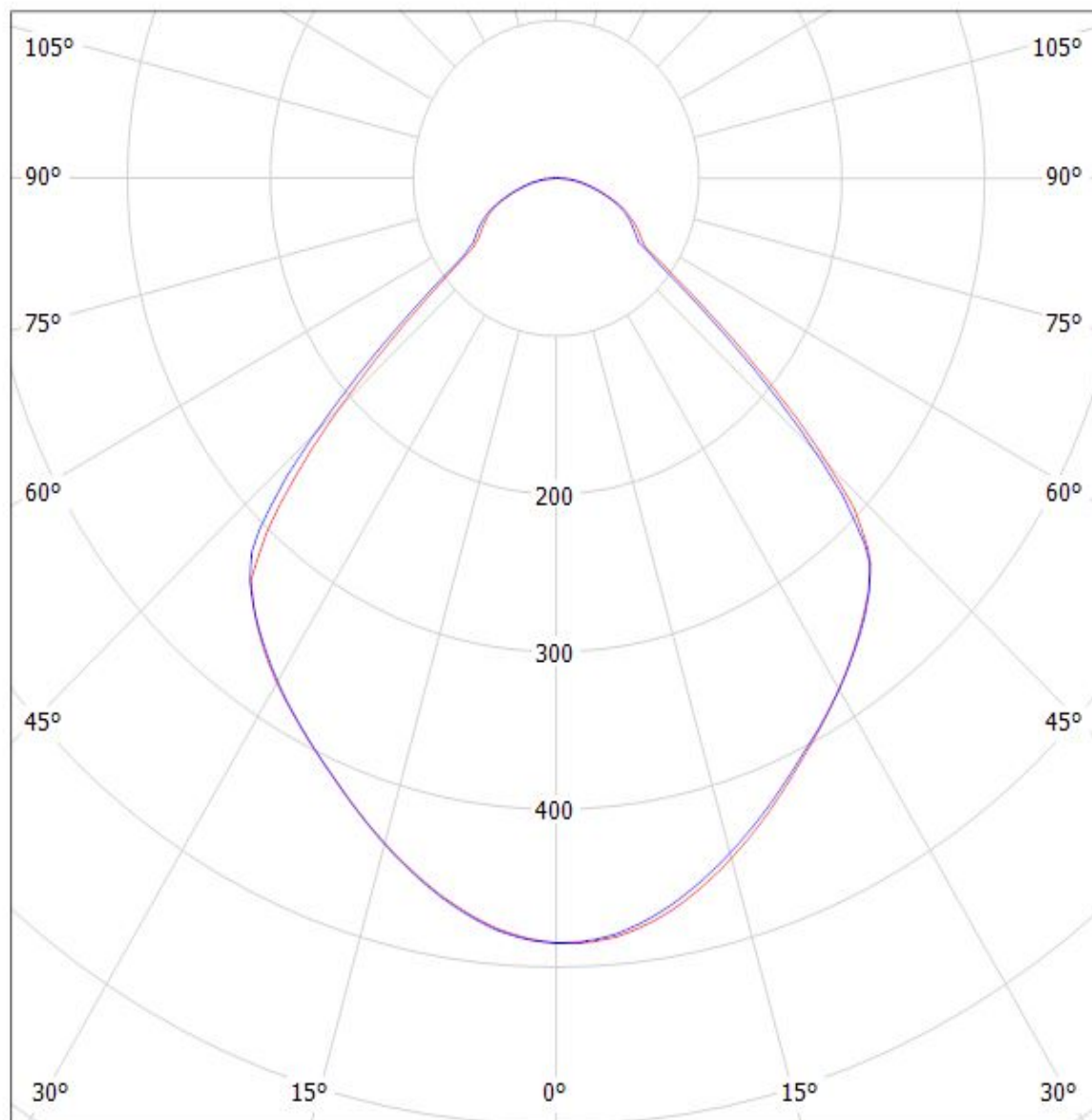
— C0 - C180

— C90 - C270

$\eta = 95\%$

Luminaire: LEDiL Oy F13839\_ANGELINA-XW-B\_(CXA2590)

Lamps: 1 x CREE\_CXA2590\_(CXA2590-30F-Z4-RPH-00001)\_837.275lm@100mA\_CCT=3000K\_P=6.36316W\_I=100.1mA



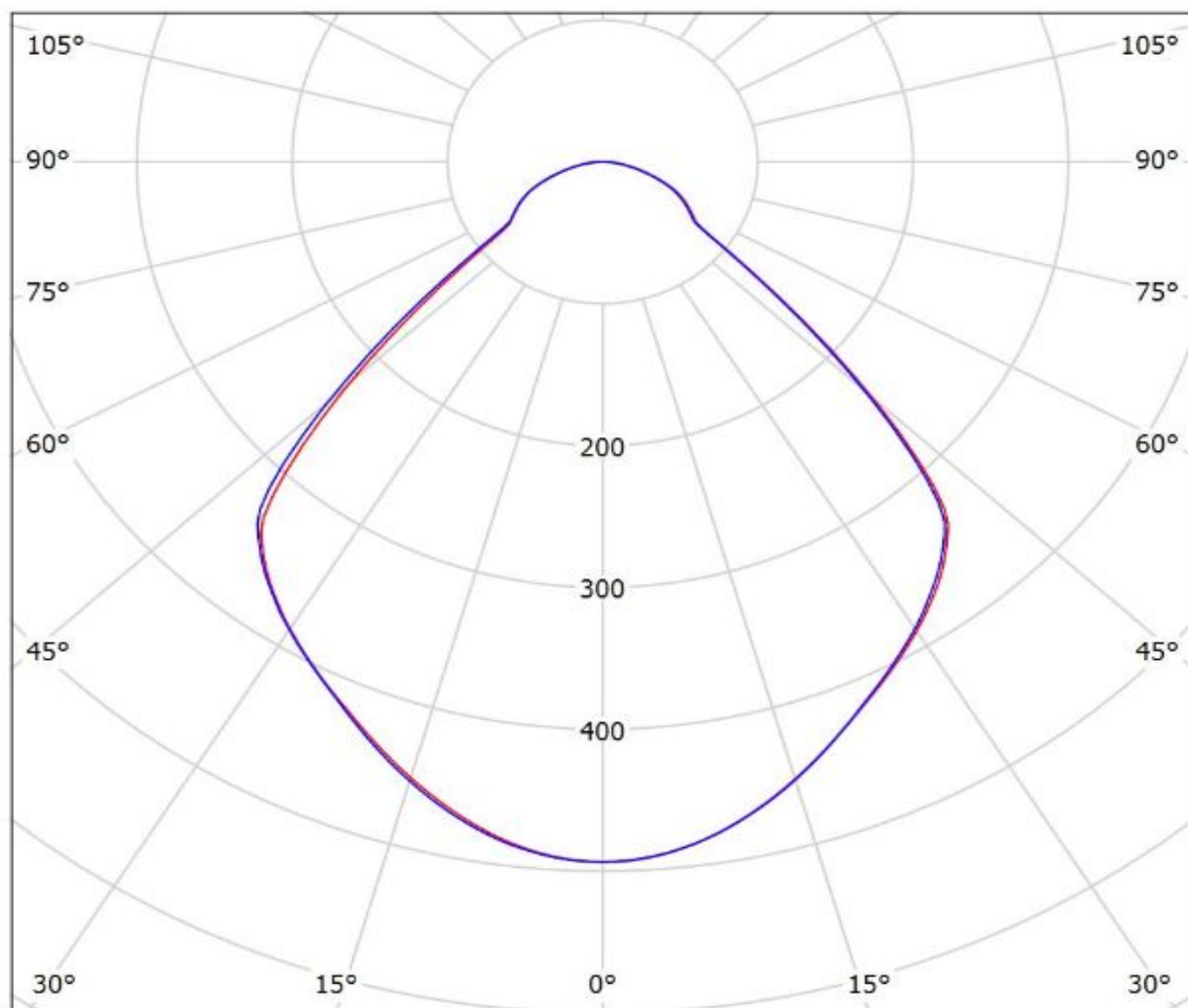
cd/klm

— C0 - C180

— C90 - C270

$\eta = 95\%$

Luminaire: Ledil F13839\_ANGELINA-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

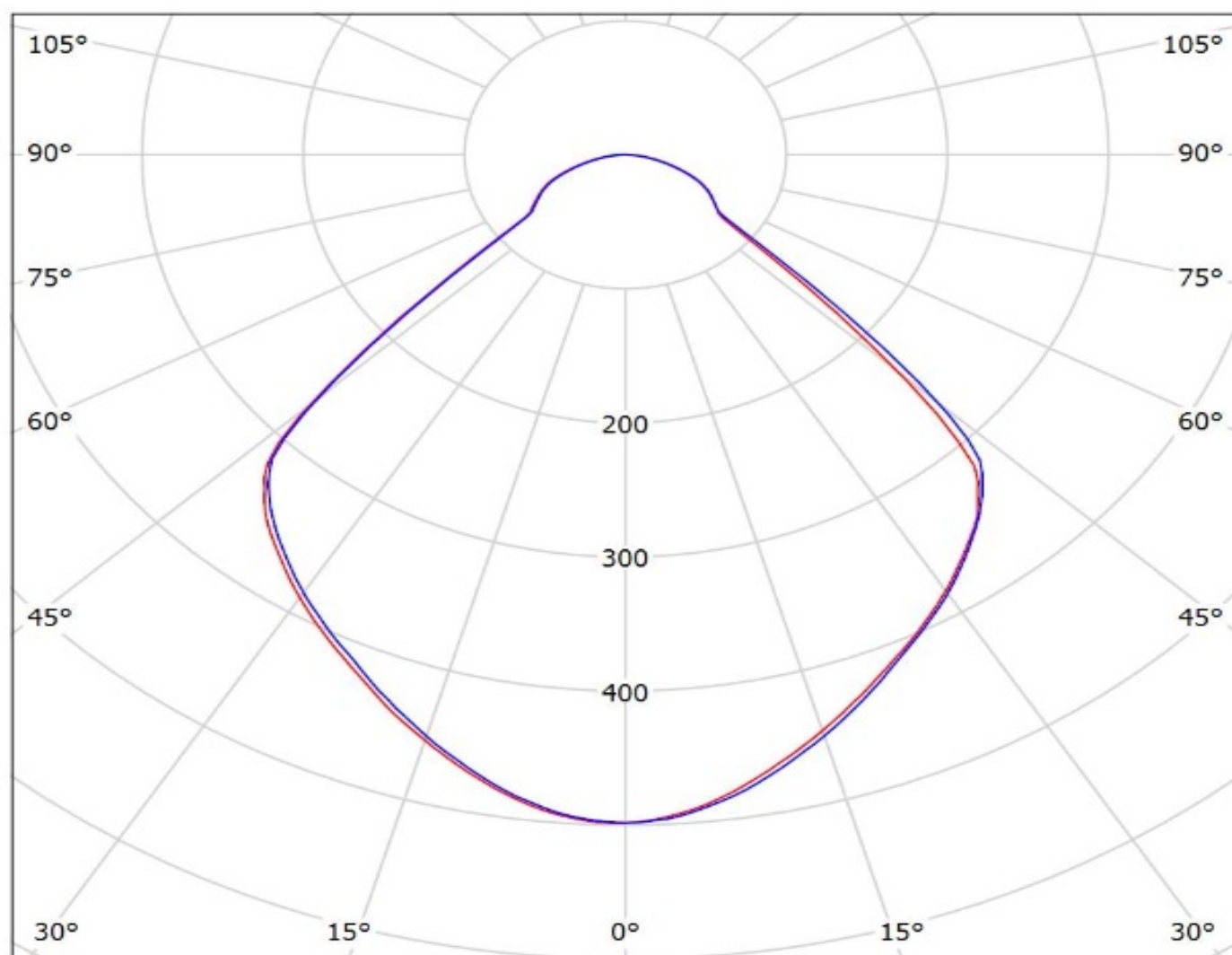
$\eta = 96\%$

# Ledil F13839\_ANGELINA-XW-B\_(COB\_10W)\_(BJB\_47\_319\_2080) / LDC (Polar)

Luminaire: Ledil F13839\_ANGELINA-XW-B\_(COB\_10W)\_(BJB\_47\_319\_2080)

Lamps: 1 x LG\_COB\_10W\_(LEMWM18580LG00)\_(BJB\_47.319.2080)

\_947.453lm@250mA\_P=9.342W\_I=0.250A



cd/klm

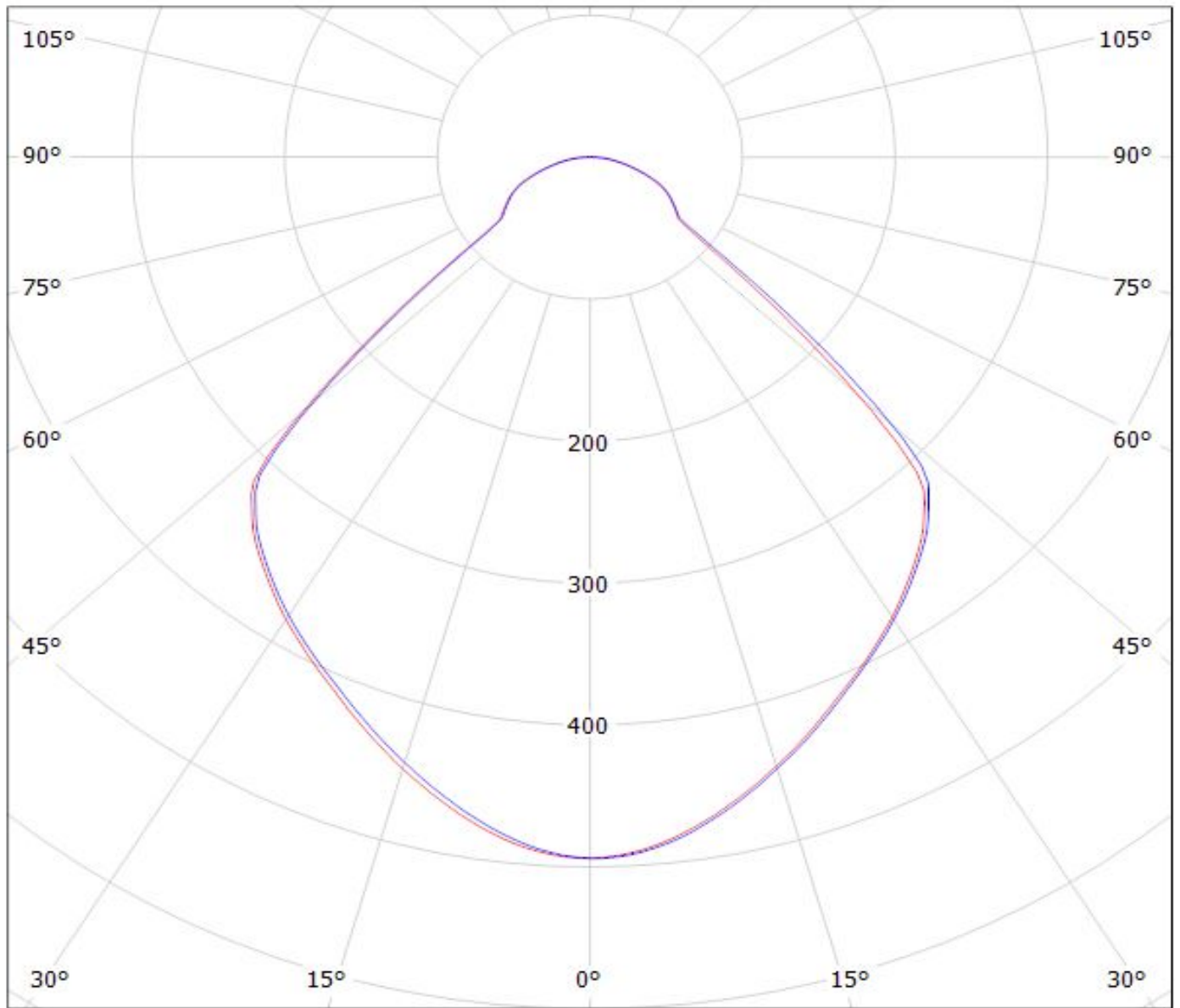
— C0 - C180

— C90 - C270

$\eta = 96\%$

Luminaire: LEDiL Oy F13839\_ANGELINA-XW-B\_(LG\_COB\_10W)

Lamps: 1 x LG\_COB\_10W\_(LEMWM18580LG00)\_917.757lm@250mA\_P=9.31304W\_I=249.8mA



cd/klm

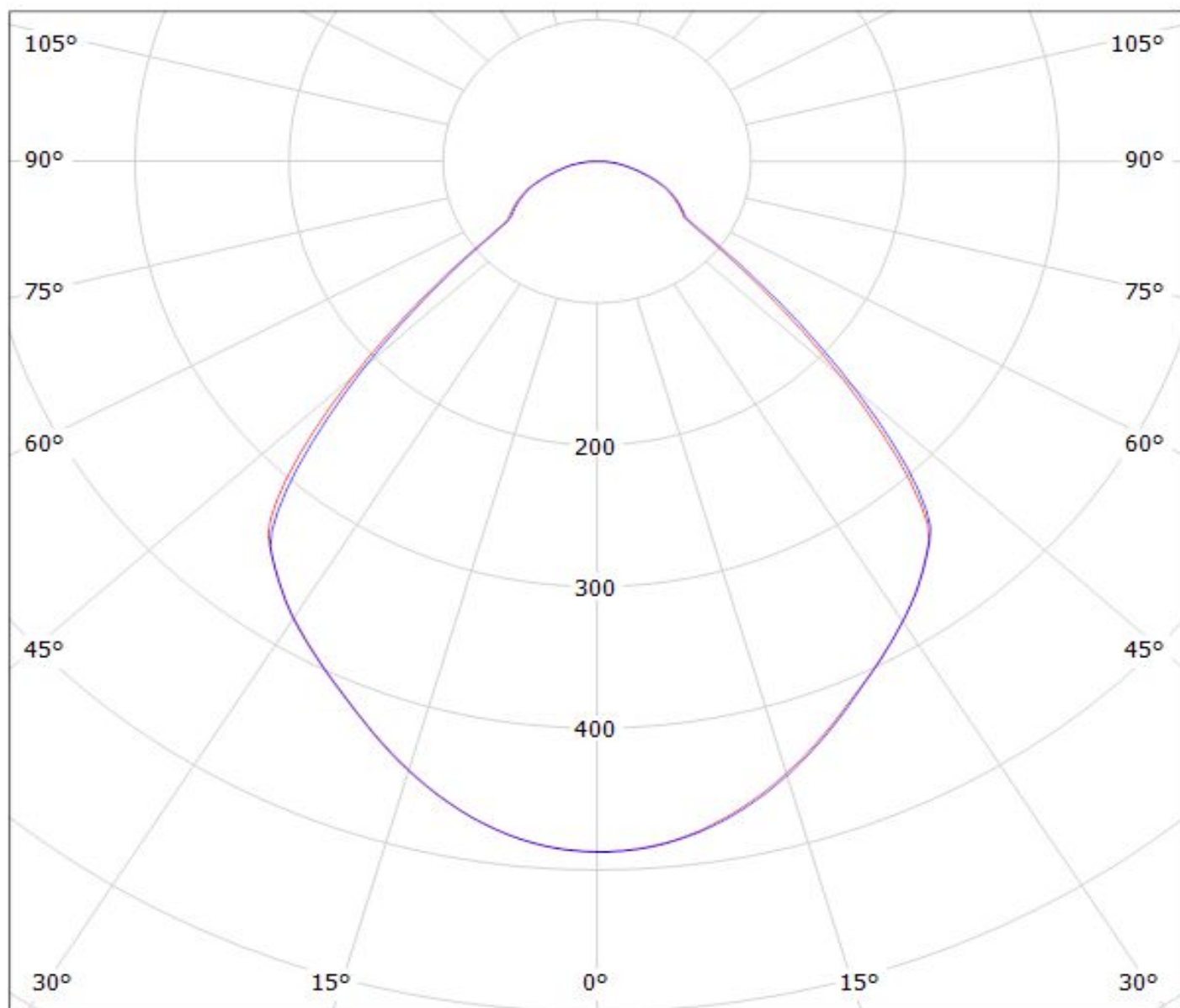
— C0 - C180

— C90 - C270

$\eta = 96\%$

Luminaire: LEDiL Oy F13839\_ANGELINA-XW-B\_(COB\_40W)

Lamps: 1 x LG\_COB\_40W\_1163.31lm@250mA\_CCT=3000K\_P=8.04906W\_I=249.8mA



cd/klm

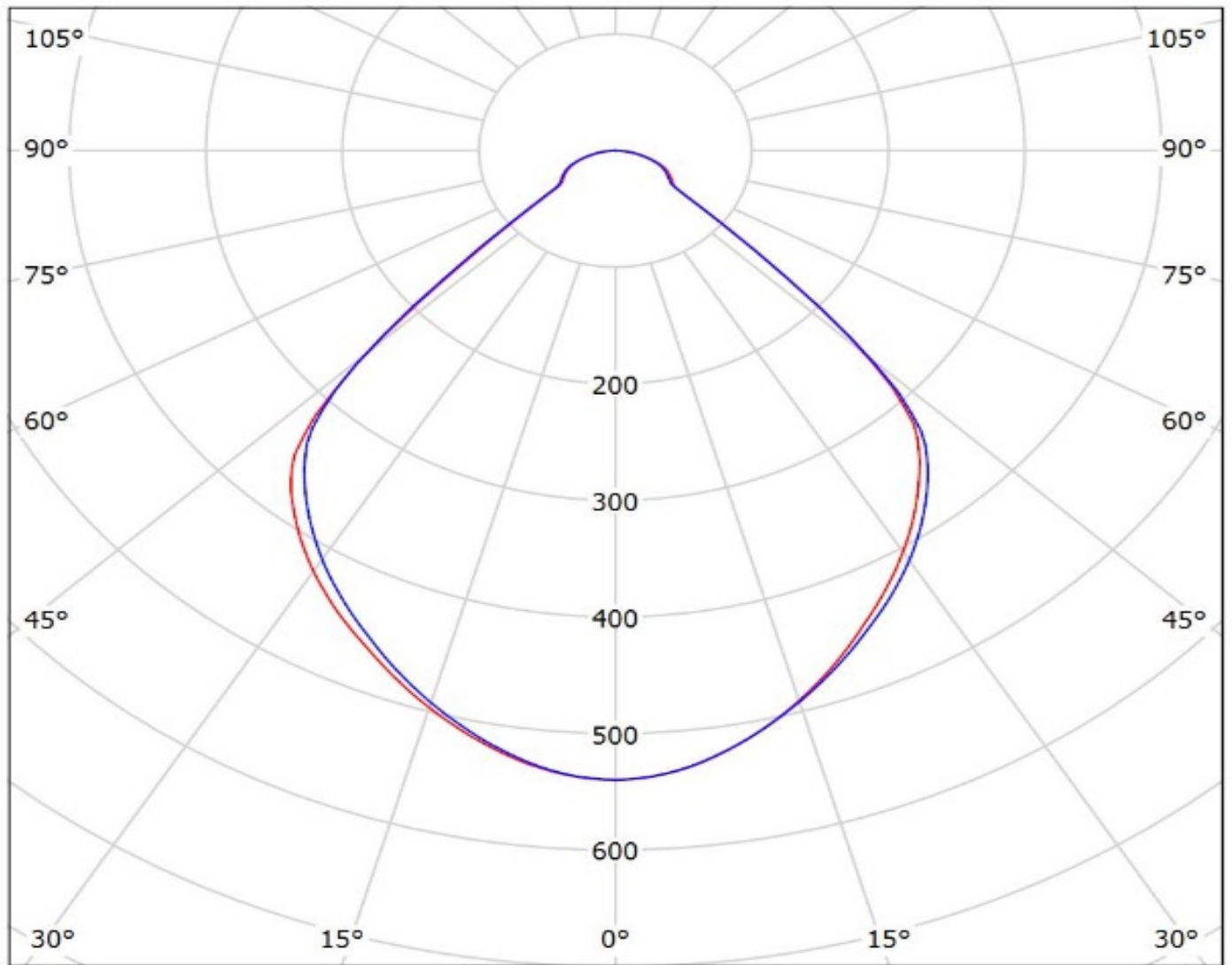
— C0 - C180

— C90 - C270

$\eta = 94\%$

# Ledil F13839\_ANGELINA-XW-B\_(Luxeon\_K16)\_(47\_319\_2070) / LDC (Polar)

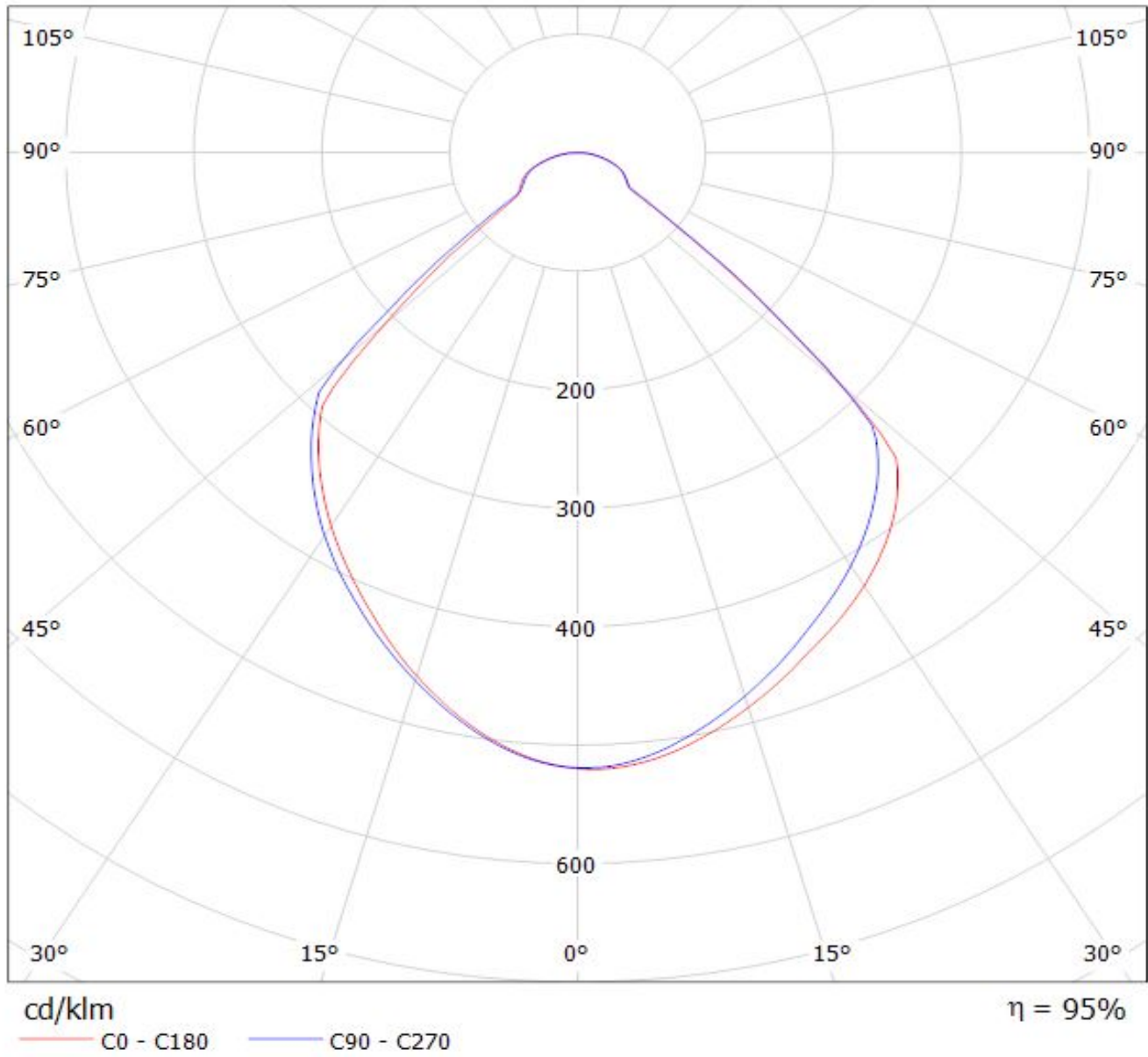
Luminaire: Ledil F13839\_ANGELINA-XW-B\_(Luxeon\_K16)\_(47\_319\_2070)  
Lamps: 1 x Philips\_Lumileds\_Luxeon\_K16\_(BJB.47.319.2070)  
\_1276.25lm@250mA\_P=10.95525W\_I=0.250A



cd/klm  
— C0 - C180 — C90 - C270

$\eta = 98\%$

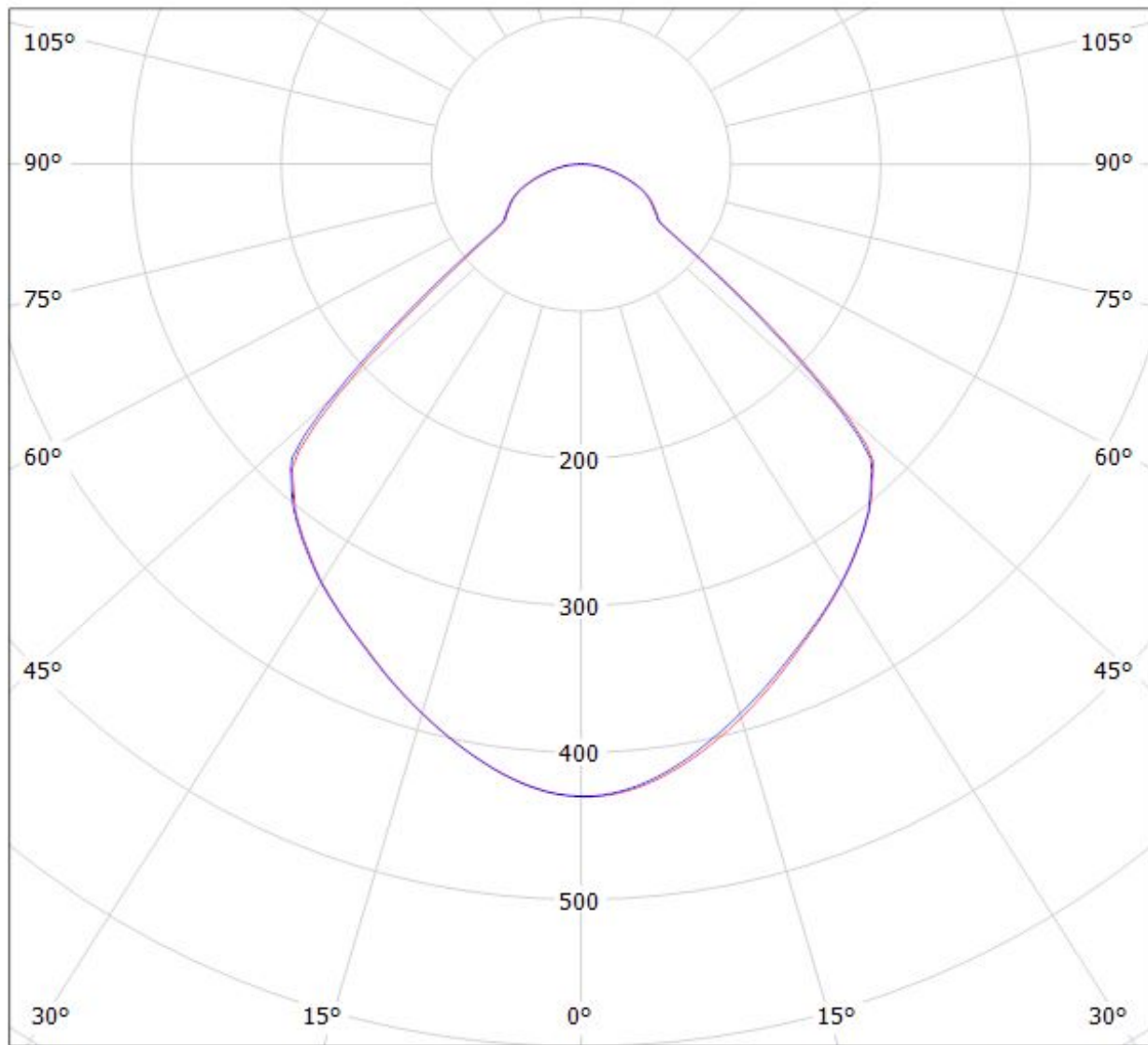
Luminaire: LEDiL Oy F13839\_ANGELINA-XW-B\_(K12)  
Lamps: 1 x Luxeon\_K12\_950lm@250mA\_P=8.20472W\_I=249.9mA





Luminaire: LEDiL Oy F13839\_ANGELINA-XW-B\_(Luxeon\_CoB\_1205)

Lamps: 1 x LUXEON\_COB\_1205\_(LHC1-3080-1205)\_1274.35lm@250mA\_CCT=3000K\_P=11.183W\_I=249.8mA



cd/klm

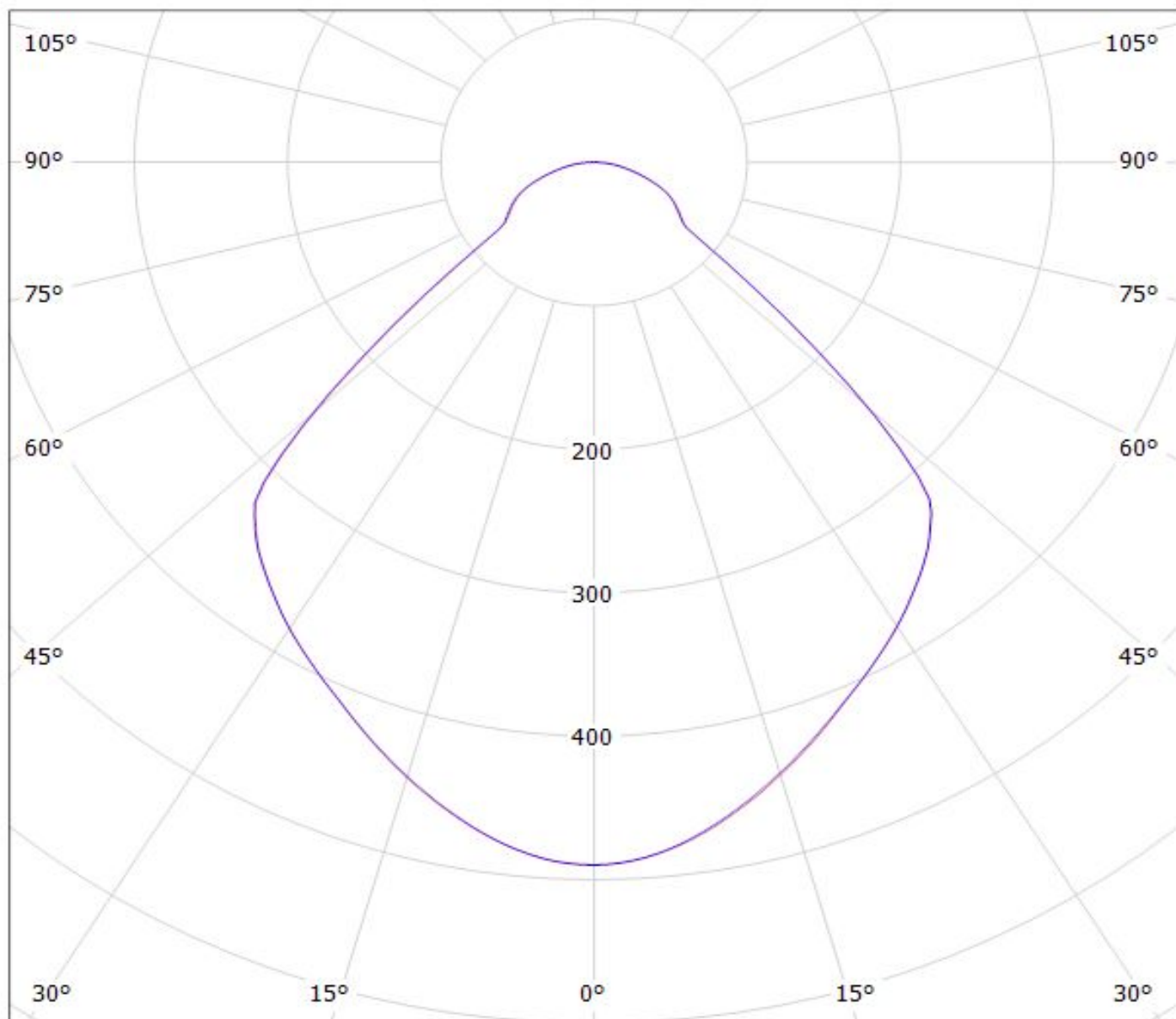
— C0 - C180

— C90 - C270

$\eta = 85\%$

Luminaire: LEDiL Oy F13839\_ANGELINA-XW-B\_(Luxeon\_CoB\_1208)

Lamps: 1 x Luxeon\_CoB\_1208\_1057.71lm@250mA\_P=8.26438W\_I=249.8mA



cd/klm

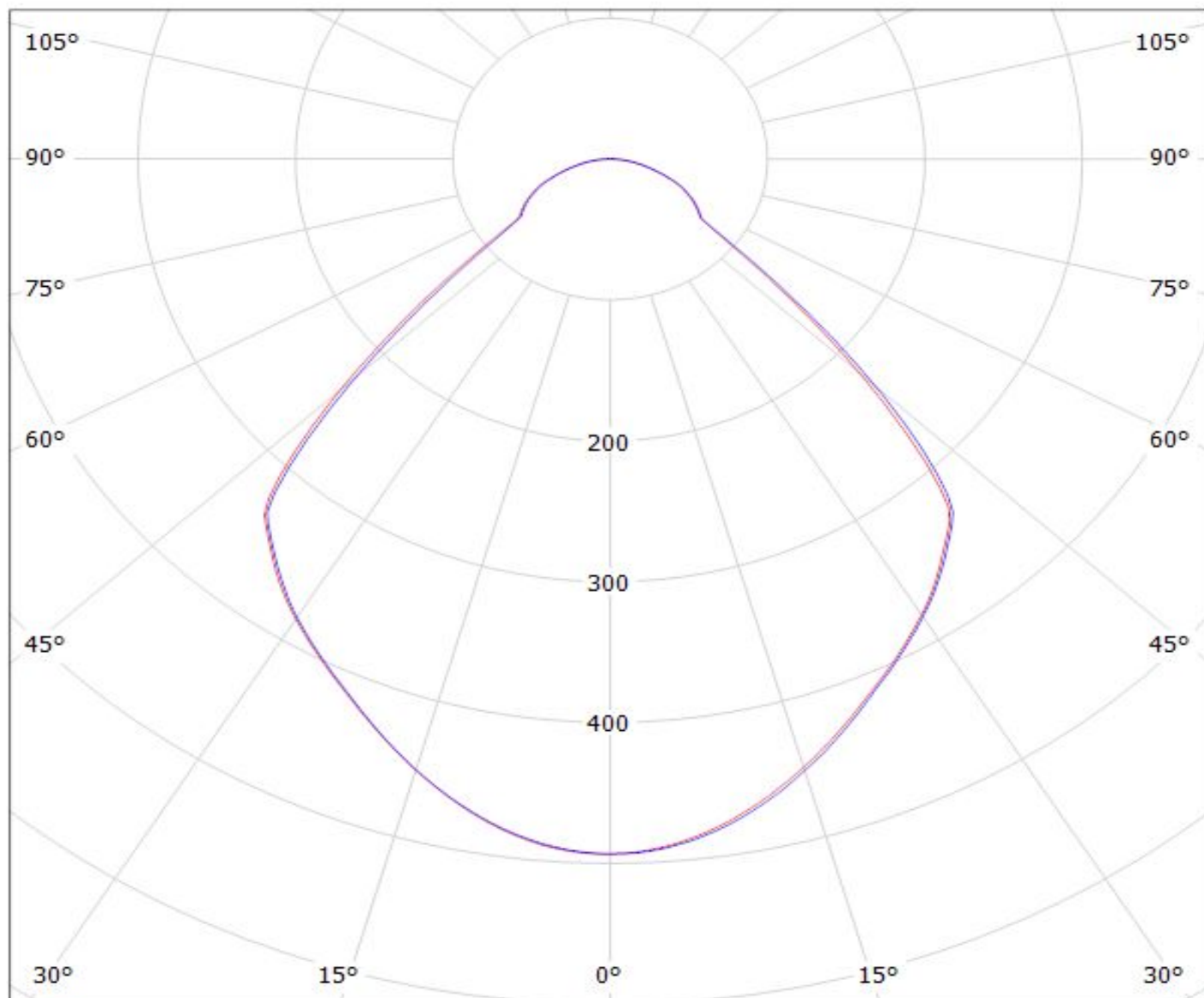
— C0 - C180 — C90 - C270

$\eta = 96\%$

Luminaire: LEDiL Oy F13839\_ANGELINA-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

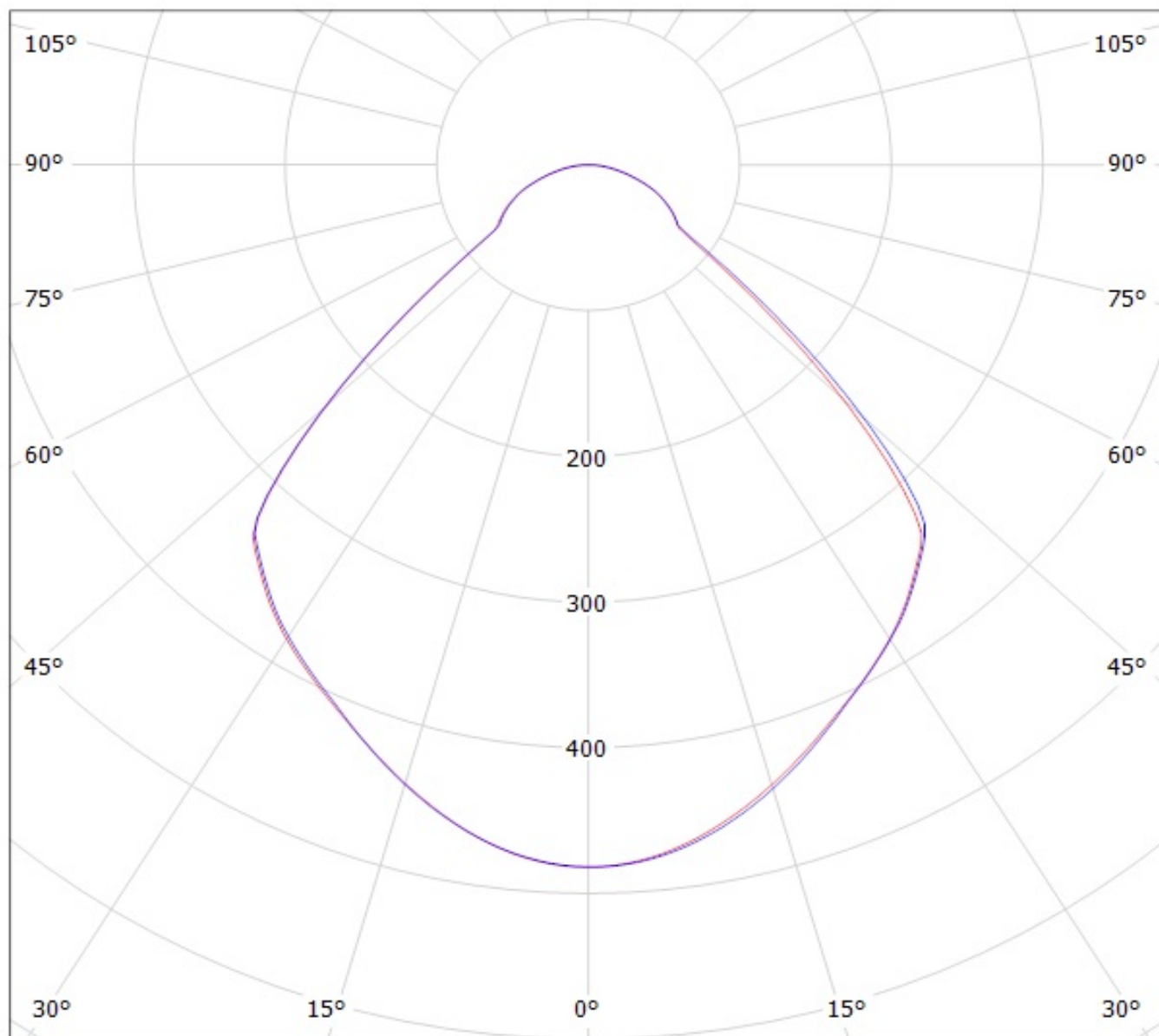
— C0 - C180

— C90 - C270

$\eta = 95\%$

Luminaire: LEDiL Oy F13839\_ANGELINA-XW-B\_(Luxeon\_CoB\_1211)\_(BJB2030)

Lamps: 1 x Luxeon\_CoB\_1211\_(LHC1-5780-1211)\_(BJB2030)\_1330.16lm@250mA\_P=8.03503W\_I=0.2499A



cd/klm

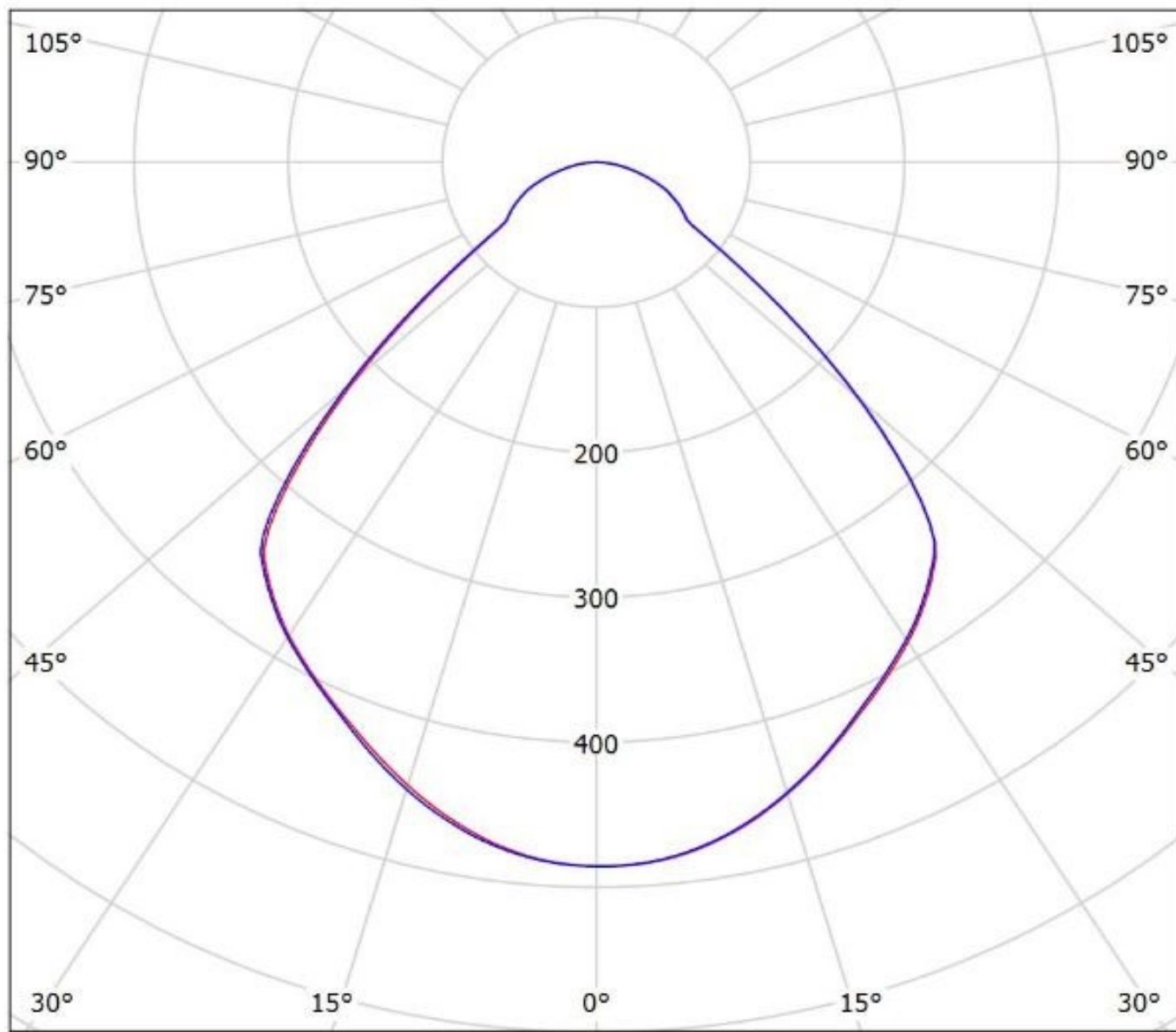
η = 96%

— C0 - C180

— C90 - C270

Luminaire: Ledil F13839\_ANGELINA-XW-B\_(CoB\_1216)

Lamps: 1 x Luxeon\_CoB\_1216\_(L2C2-40801216E2300)\_1478.53lm@250mA\_P=8.0068W\_I=0.25A



cd/klm

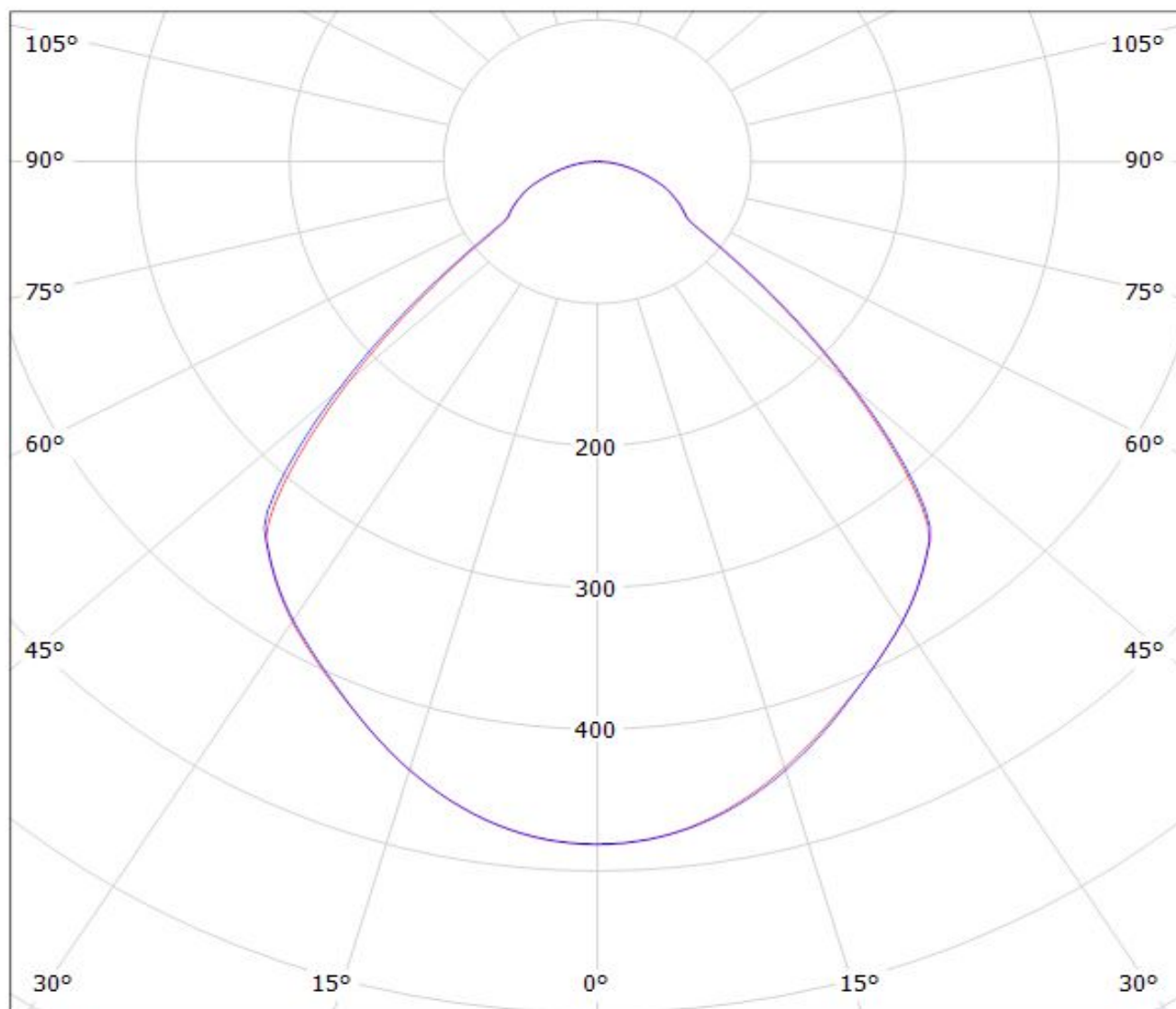
— C0 - C180

— C90 - C270

η = 94 %

Luminaire: LEDiL Oy F13839\_ANGELINA-XW-B\_(CXM-22)

Lamps: 1 x LUMINUS\_CXM-22\_1221.8lm@250mA\_P=8.00809W\_CCT=3000K\_I=249.8mA



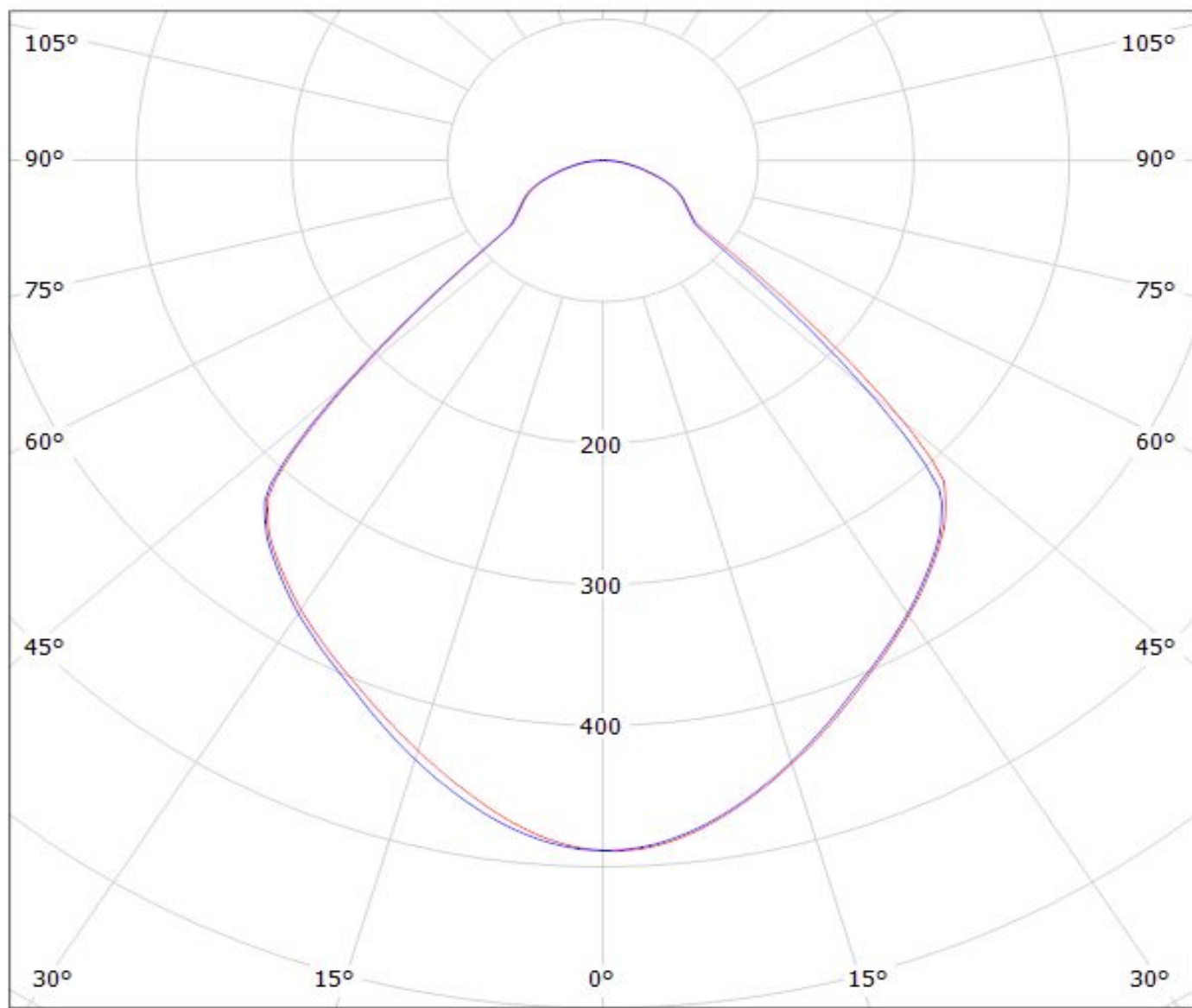
cd/klm

— C0 - C180

— C90 - C270

$\eta = 95\%$

Luminaire: LEDiL Oy F13839\_ANGELINA-XW-B\_(CXM-14)  
Lamps: 1 x LUMINUS\_XNOVA\_CXM-14\_(AC00)  
\_1068.5lm@250mA\_CCT=3126K\_P=8.31834W\_I=249.8mA

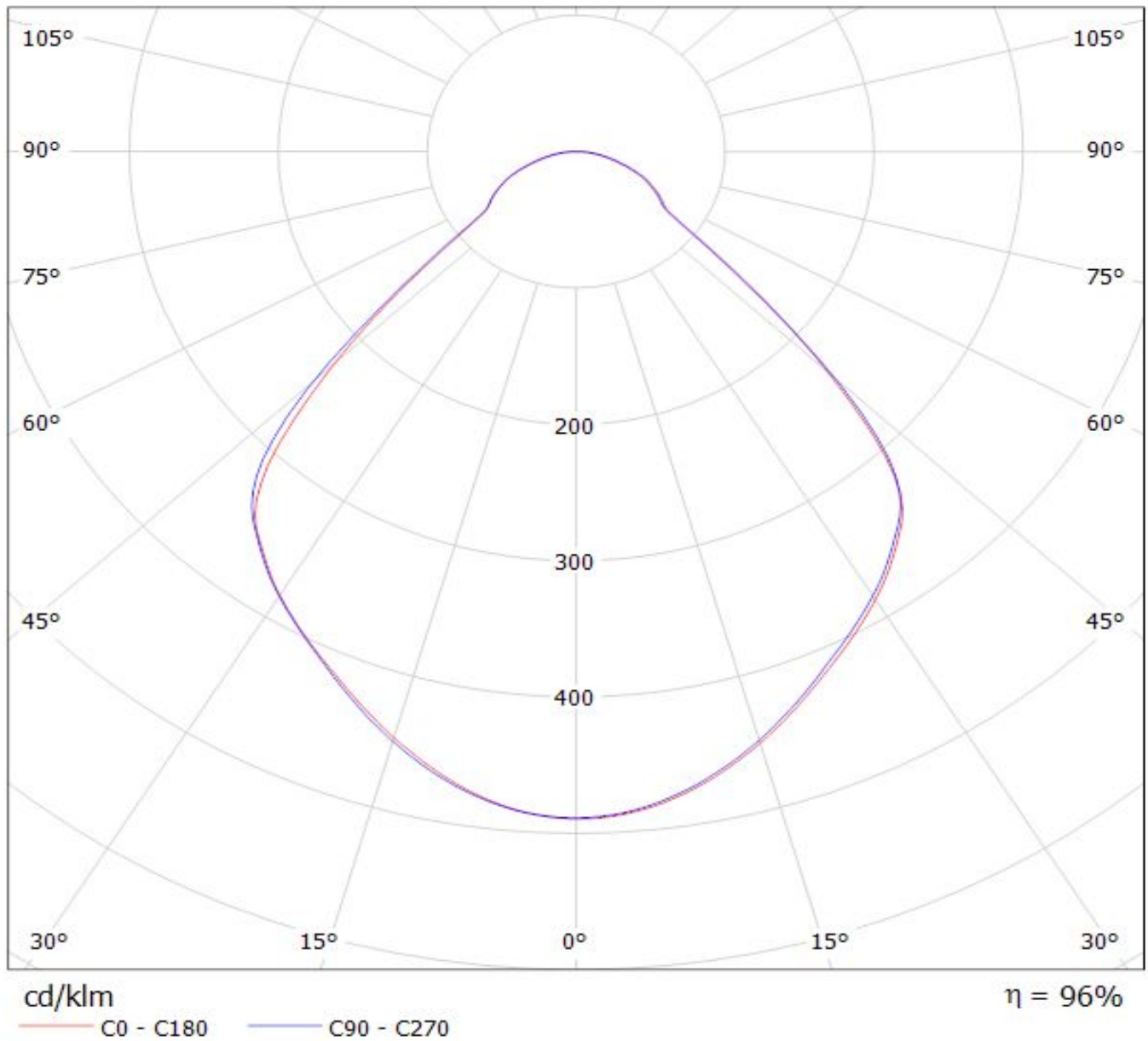


cd/klm

— C0 - C180    — C90 - C270

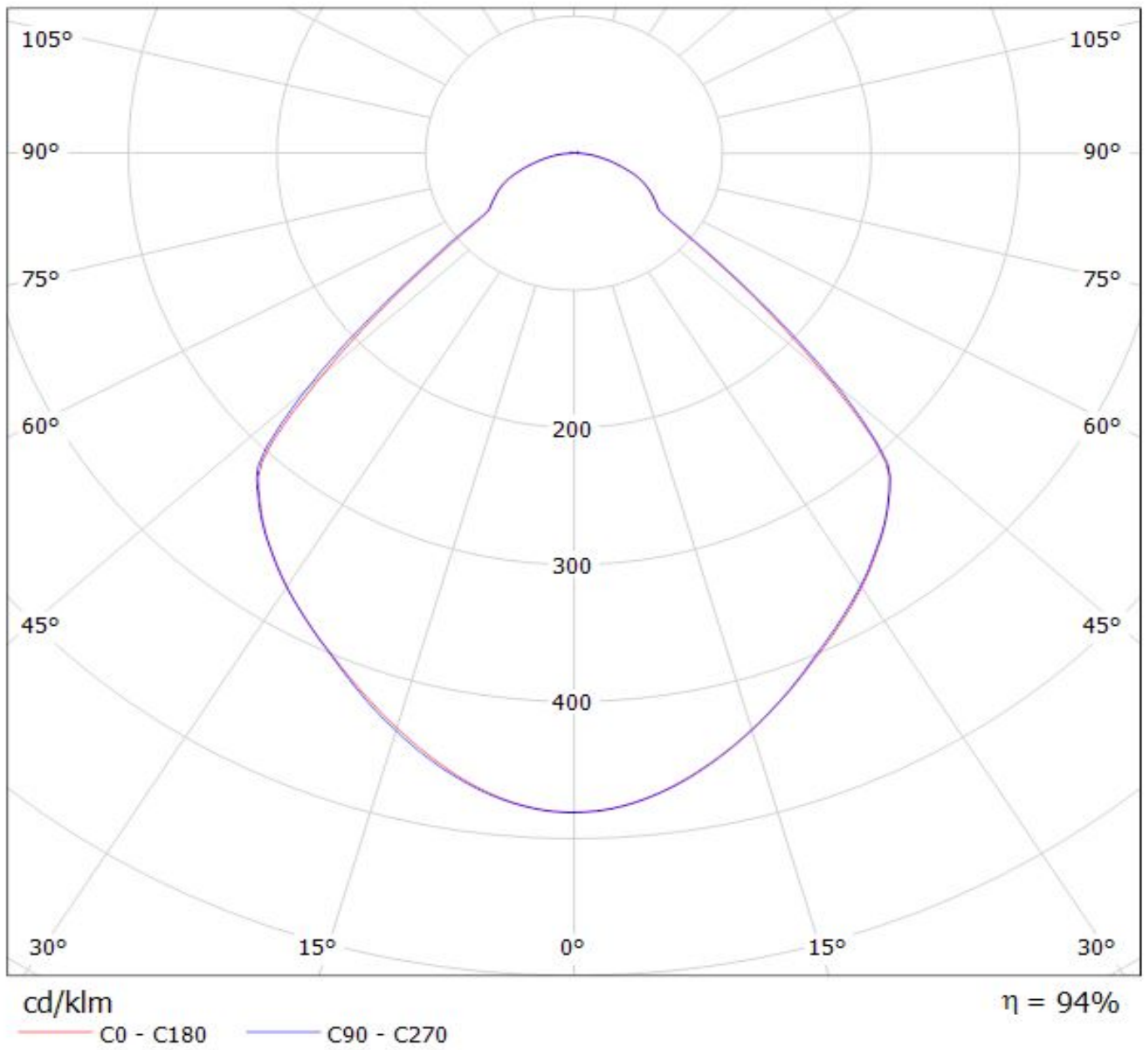
$\eta = 94\%$

Luminaire: LEDiL Oy F13839\_ANGELINA-XW-B\_(SOLERIQ\_E30)  
Lamps: 1 x Osram\_SOLERIQ\_E30\_1278.11lm@250mA\_P=10.0015W\_I=249.8mA

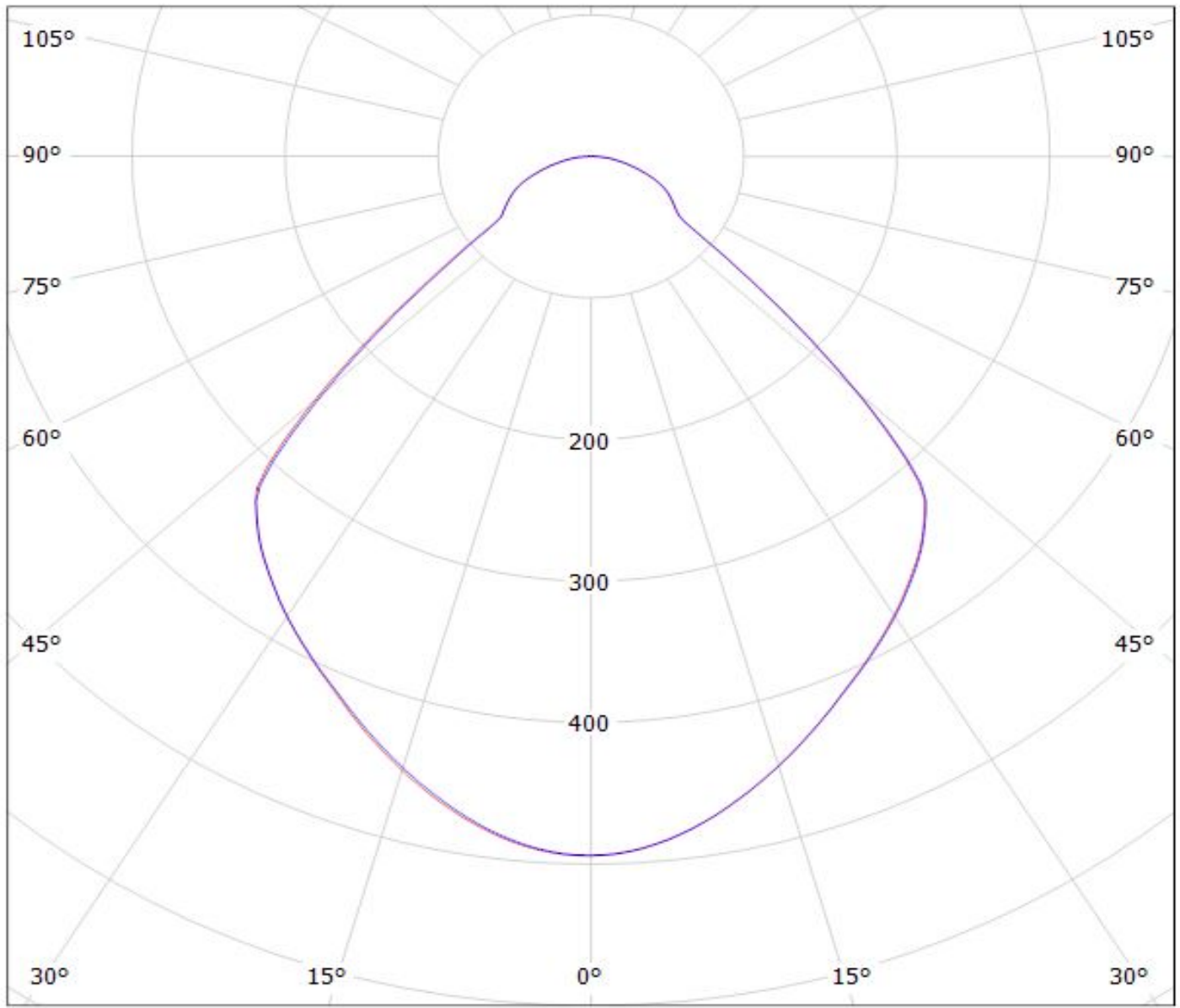




Luminaire: LEDiL Oy F13839\_ANGELINA-XW-B\_(Soleriq S19) Eff.96.7%  
Lamps: 1 x OSRAM\_SOLERIQ\_S19\_(GW\_KAHJB1.EM)  
\_1487.65lm@250mA\_CCT=3000K\_P=10.558W\_I=249.8mA



Luminaire: LEDiL Oy F13839\_ANGELINA-XW-B\_(S19) Eff.95.9%  
Lamps: 1 x Osram\_SOLERIQ\_S19\_1434.85lm@250mA\_P=10.5595W\_I=249.8mA



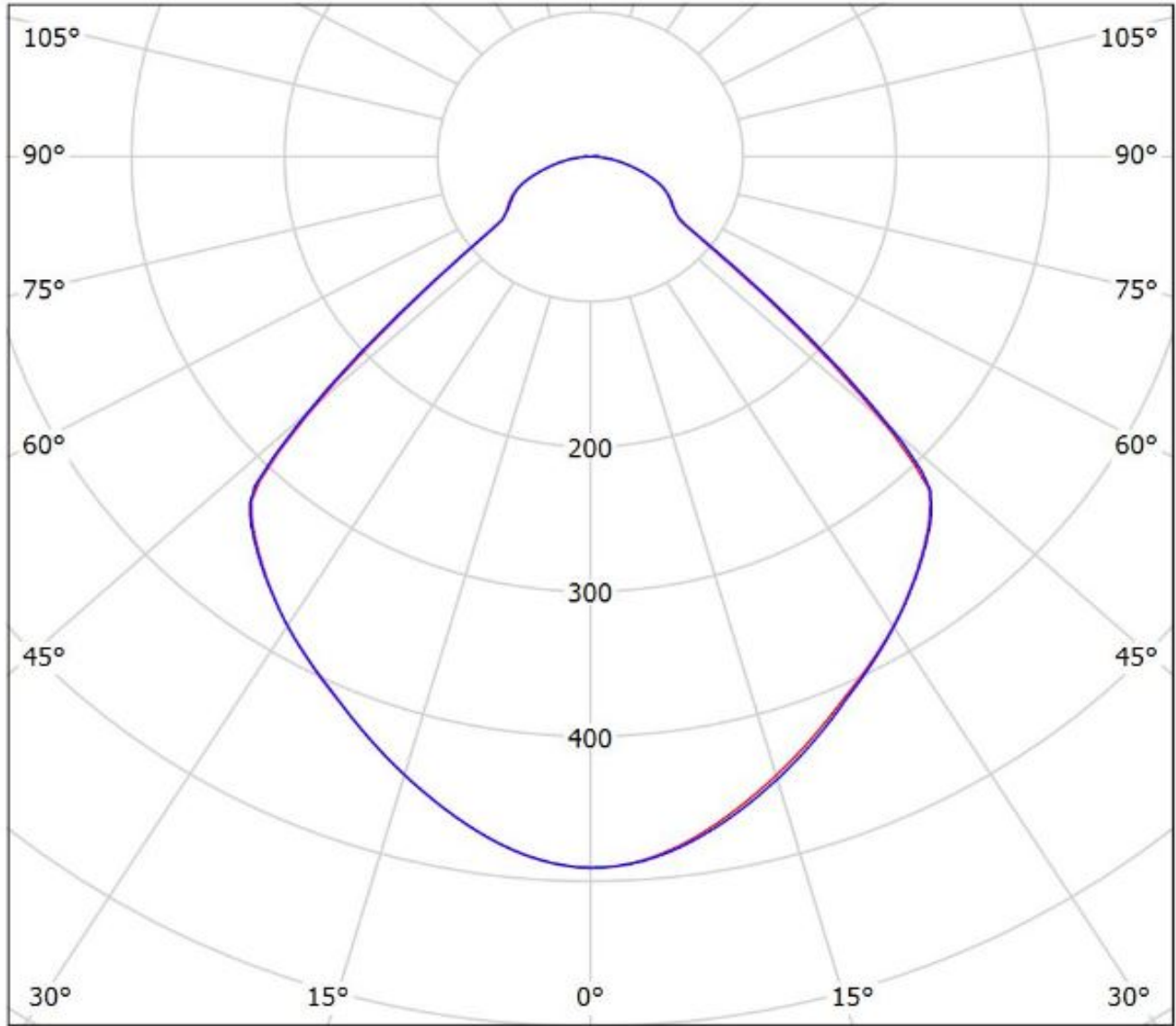
cd/klm

η = 96%

— C0 - C180 — C90 - C270

Luminaire: LEDiL Oy F13839\_ANGELINA-XW-B\_(SOLERIQ\_P13)

Lamps: 1 x SOLERIQ\_P13\_(GW\_MAGMB1.EM)\_1053.65lm@250mA\_CCT=3000K\_P=8.82044W\_I=249.8mA



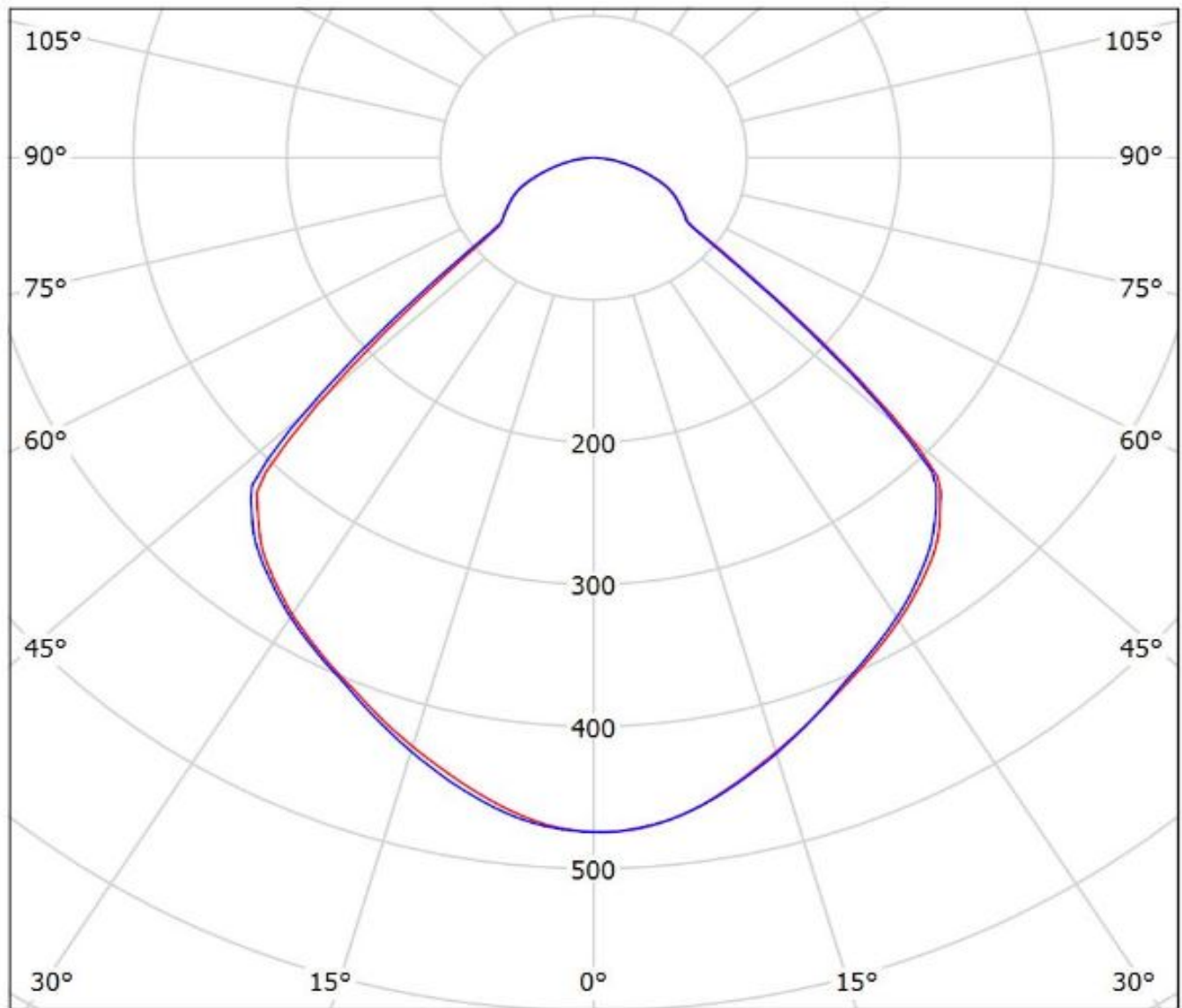
cd/klm

— C0 - C180 — C90 - C270

$\eta = 96\%$

Luminaire: Ledil F13839\_ANGELINA-XW-B\_(Soleriq\_S13\_G2)

Lamps: 1 x Osram\_Soleriq\_S13\_G2\_(GW\_KAGHB2.EM)1353.18lm@250mA\_P=8.46W\_I=0.25A

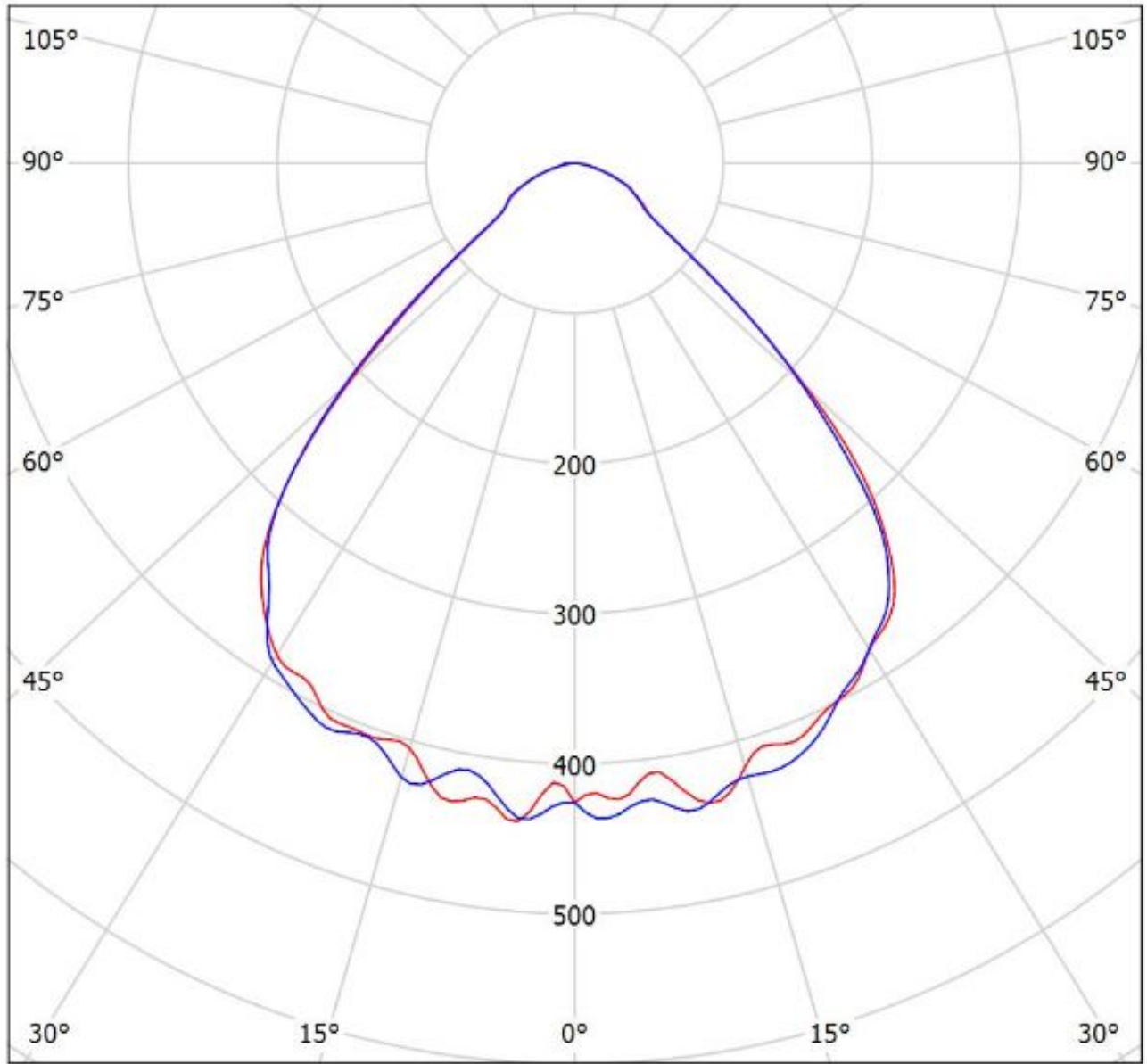


cd/klm

— C0 - C180 — C90 - C270

$\eta = 96\%$

Luminaire: Ledil Oy F13839\_ANGELINA-XW-B+\_BJB\_47.319.2030\_SAMSUNG\_COB\_D\_LC040D\_SIMULATED  
Lamps: 1 x SAMSUNG LC040D



cd/klm

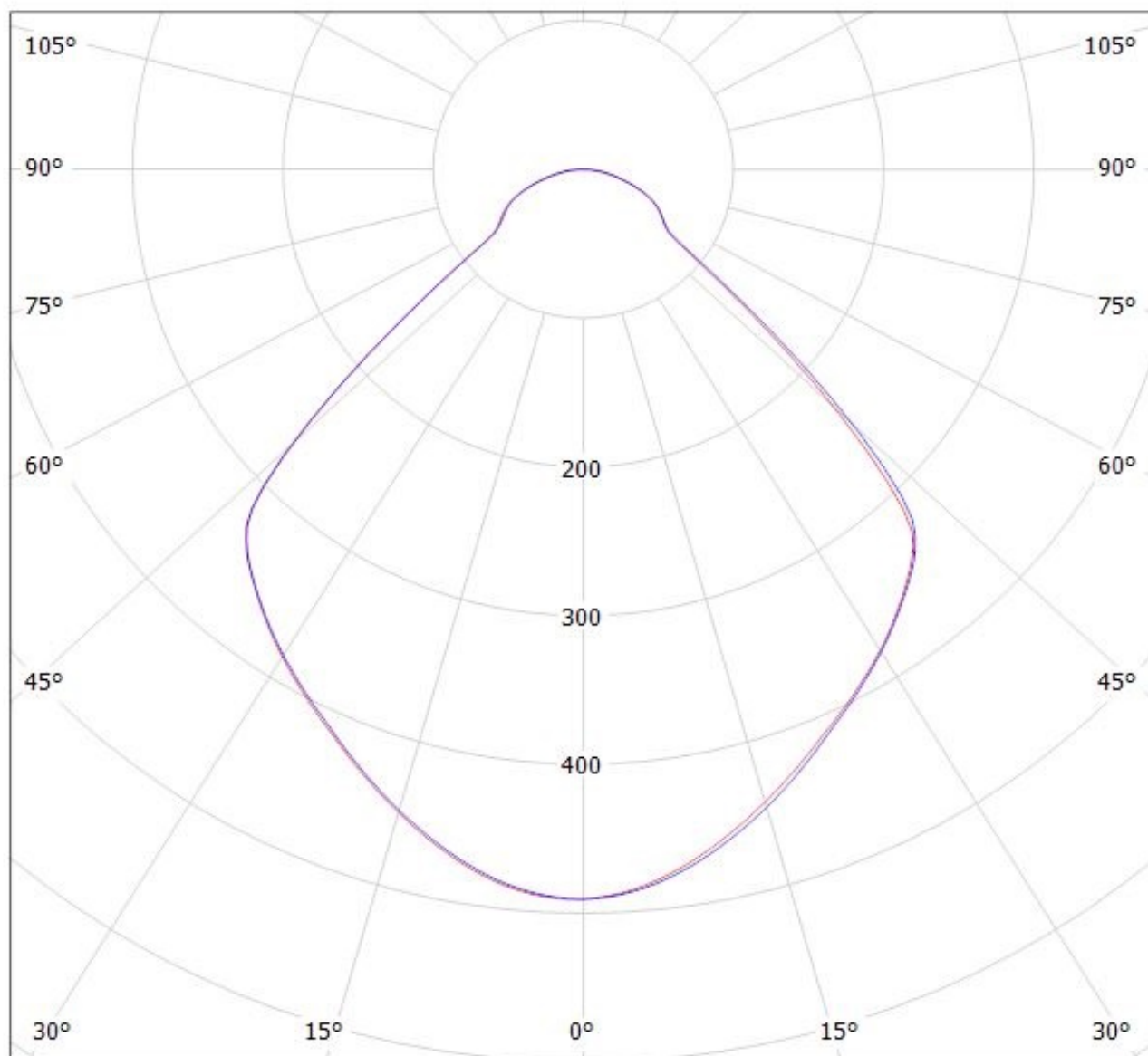
— C0 - C180

— C90 - C270

$\eta = 88\%$

Luminaire: LEDiL Oy F13839\_ANGELINA-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

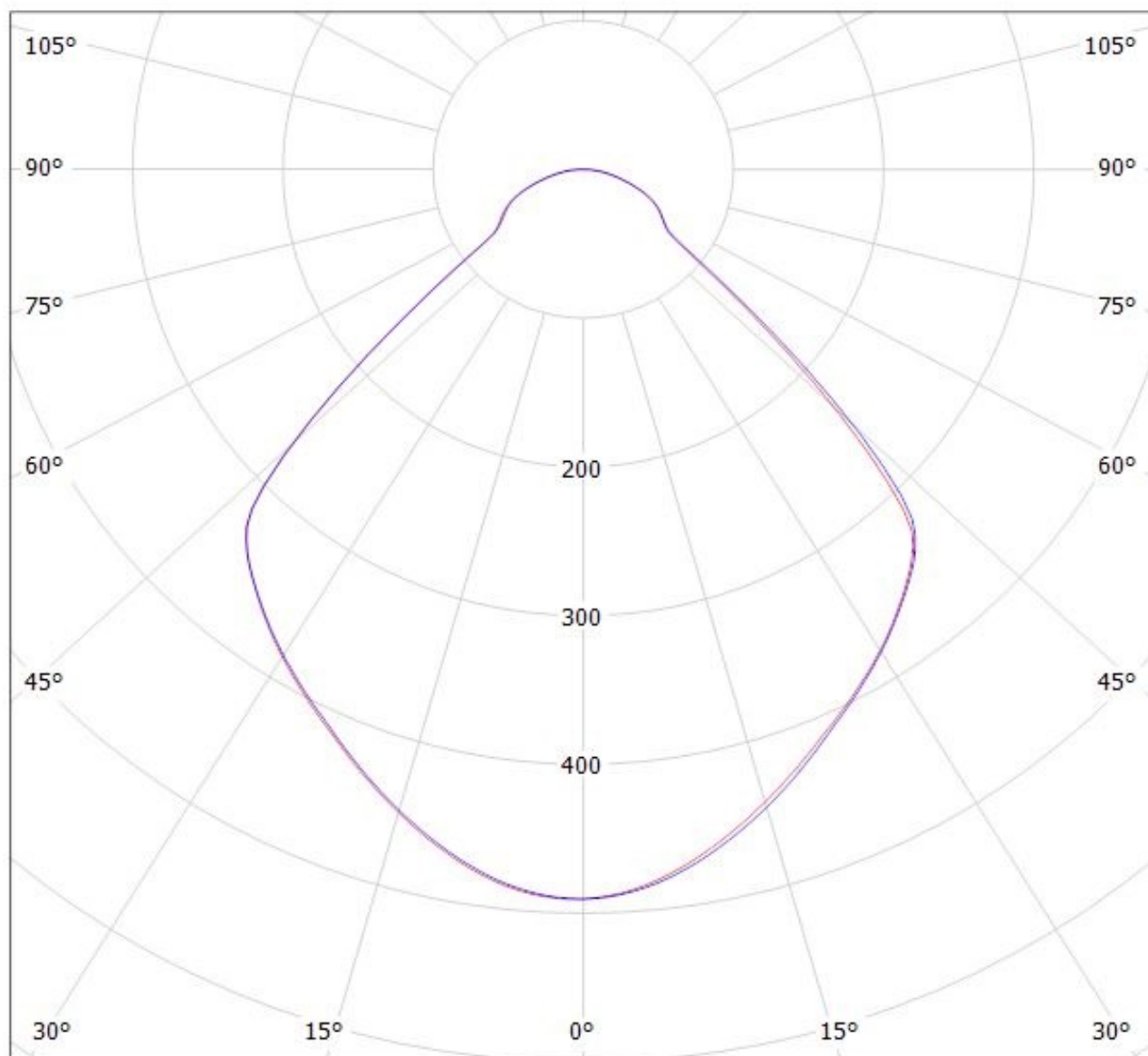
— C0 - C180

— C90 - C270

$\eta = 94\%$

Luminaire: LEDiL Oy F13839\_ANGELINA-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

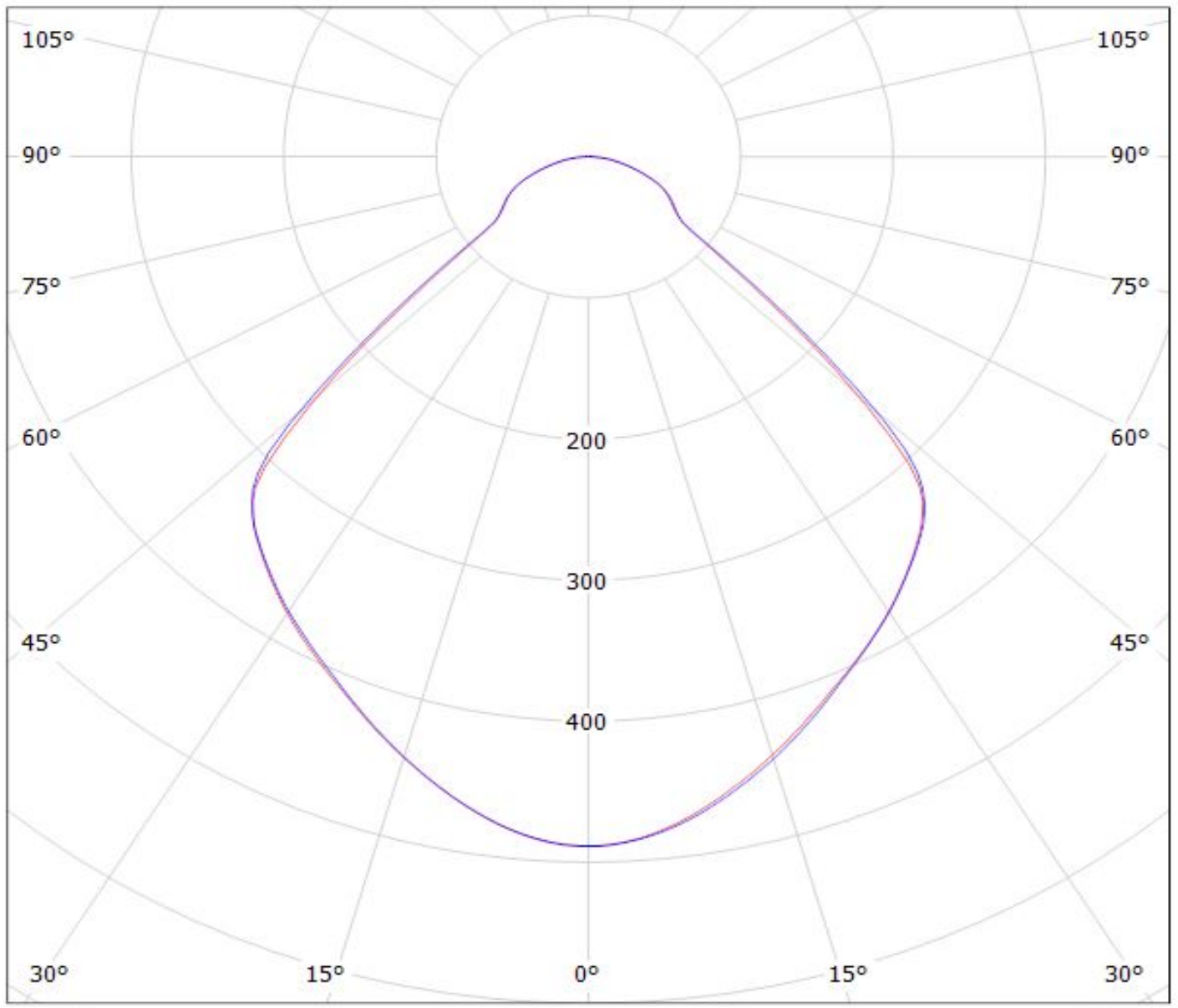
— C0 - C180

— C90 - C270

$\eta = 94\%$

Luminaire: LEDiL Oy F13839\_ANGELINA-XW-B\_(ZC12)

Lamps: 1 x SEOUL\_ZC12\_(SDW82F1C)\_1240.73lm@250mA\_P=8.68405W\_I=249.8mA



cd/klm

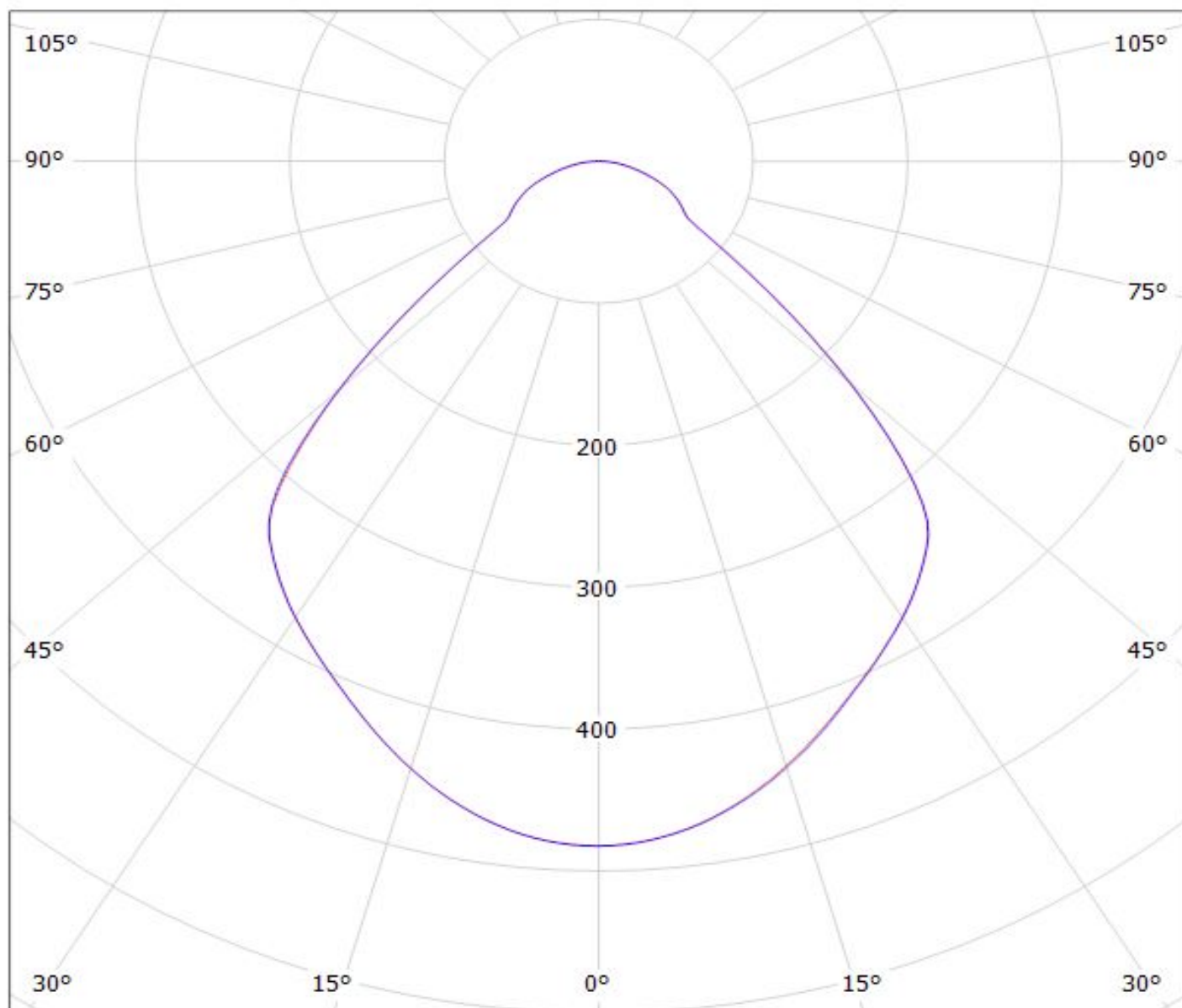
— C0 - C180 — C90 - C270

$\eta = 96\%$



Luminaire: LEDiL Oy F13839\_ANGELINA-XW-B\_(ZC40)

Lamps: 1 x SEOUL\_ZC40\_(SBWW5F1B)\_1185.55lm@250mA\_P=8.2384W\_I=249.8mA



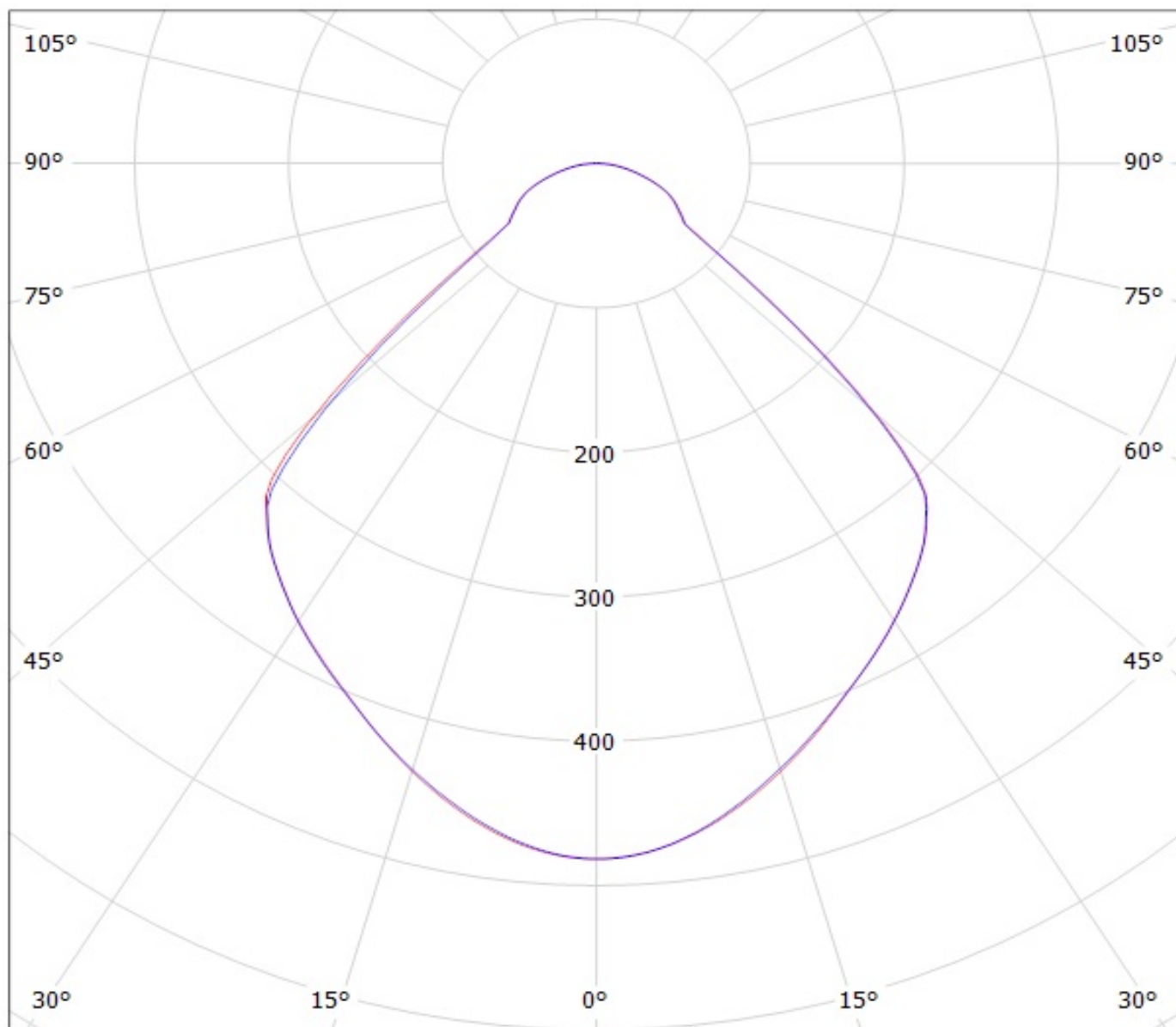
cd/klm

— C0 - C180

— C90 - C270

η = 95%

Luminaire: LEDiL Oy F13839\_ANGELINA-XW-B\_(Mega Zenigata\_GW5DGC)  
Lamps: 1 x Sharp\_Mega\_Zenigata\_GW5DGC\_900lm@250mA\_P=8.6146W\_I=249.8mA



cd/klm

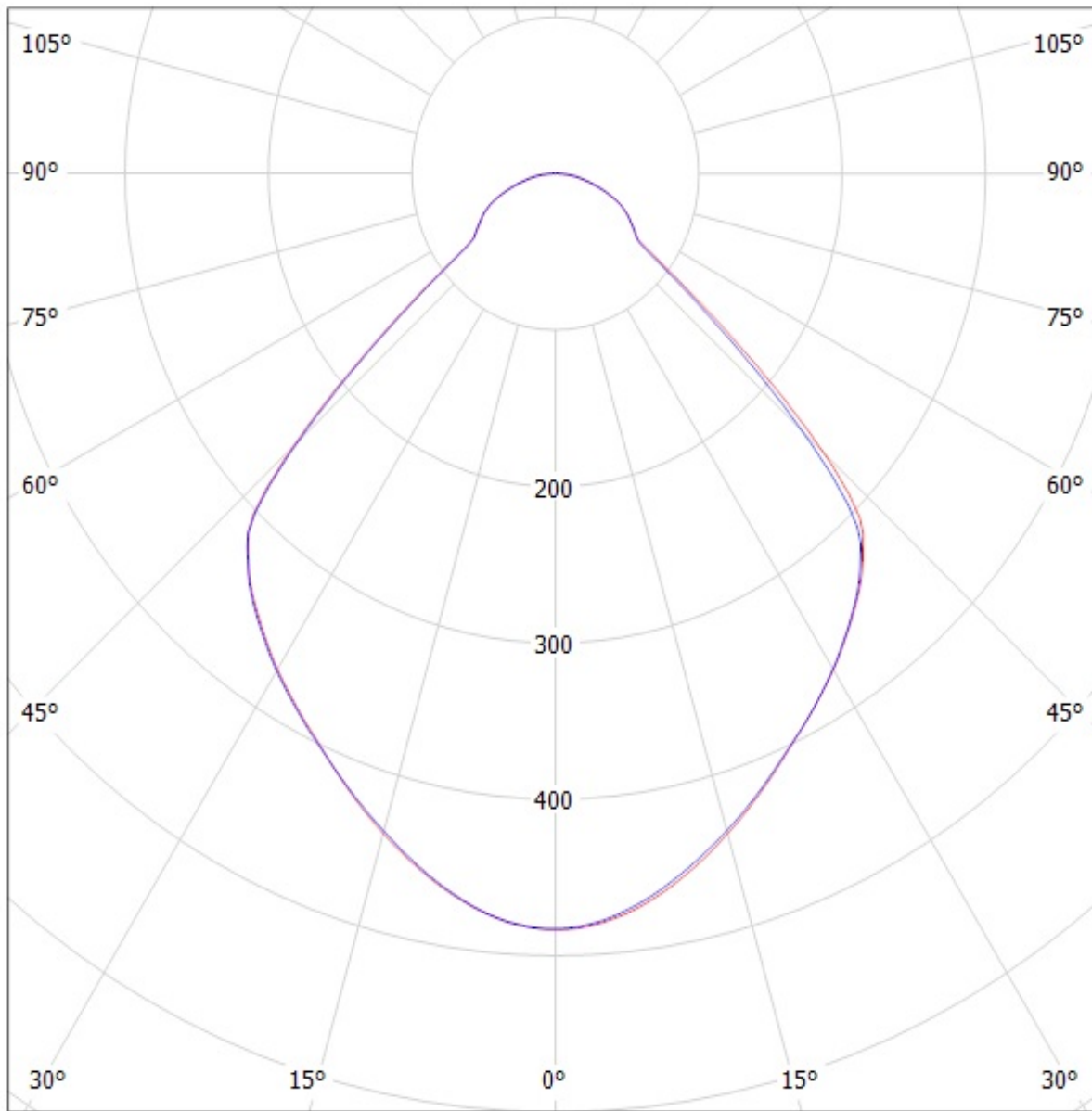
— C0 - C180

— C90 - C270

$\eta = 94\%$

Luminaire: LEDiL Oy F13839\_ANGELINA-XW-B\_(Mega\_Zenigata\_GW6DME)

Lamps: 1 x Sharp\_Mega\_Zenigata\_GW6DME\_(GW6DME30NFC)\_1285lm@250mA\_CCT=3038K\_P=11.1456W\_I=249.8mA



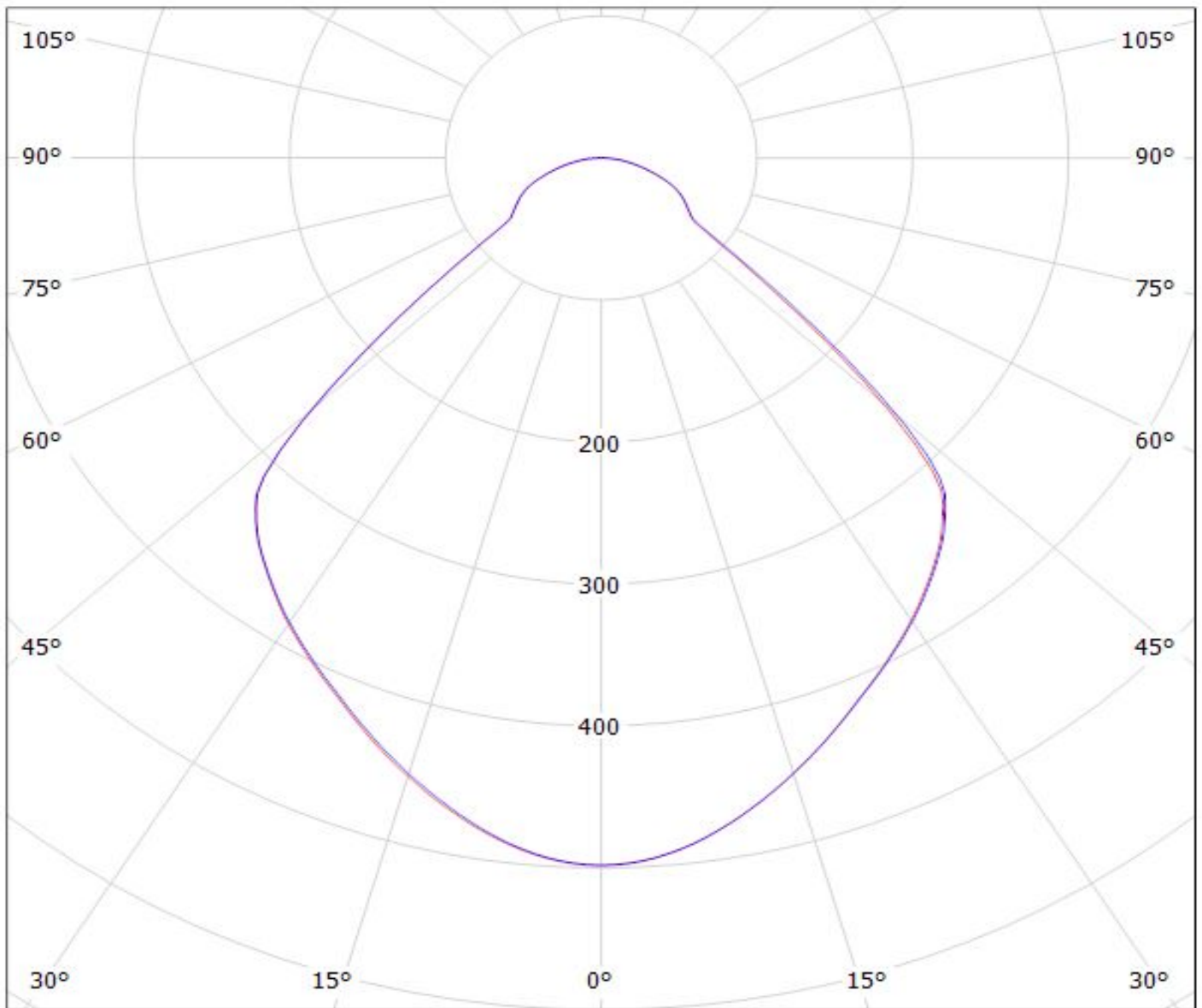
cd/klm

— C0 - C180

— C90 - C270

$\eta = 94\%$

Luminaire: LEDiL Oy F13839\_ANGELINA-XW-B\_(MegaZenigata\_GW6)  
Lamps: 1 x Sharp\_MegaZenigata\_GW6\_(GW6DME30NFC)  
\_1266.19lm@250mA\_CCT=3038K\_P=11.2151W\_I=250.6mA

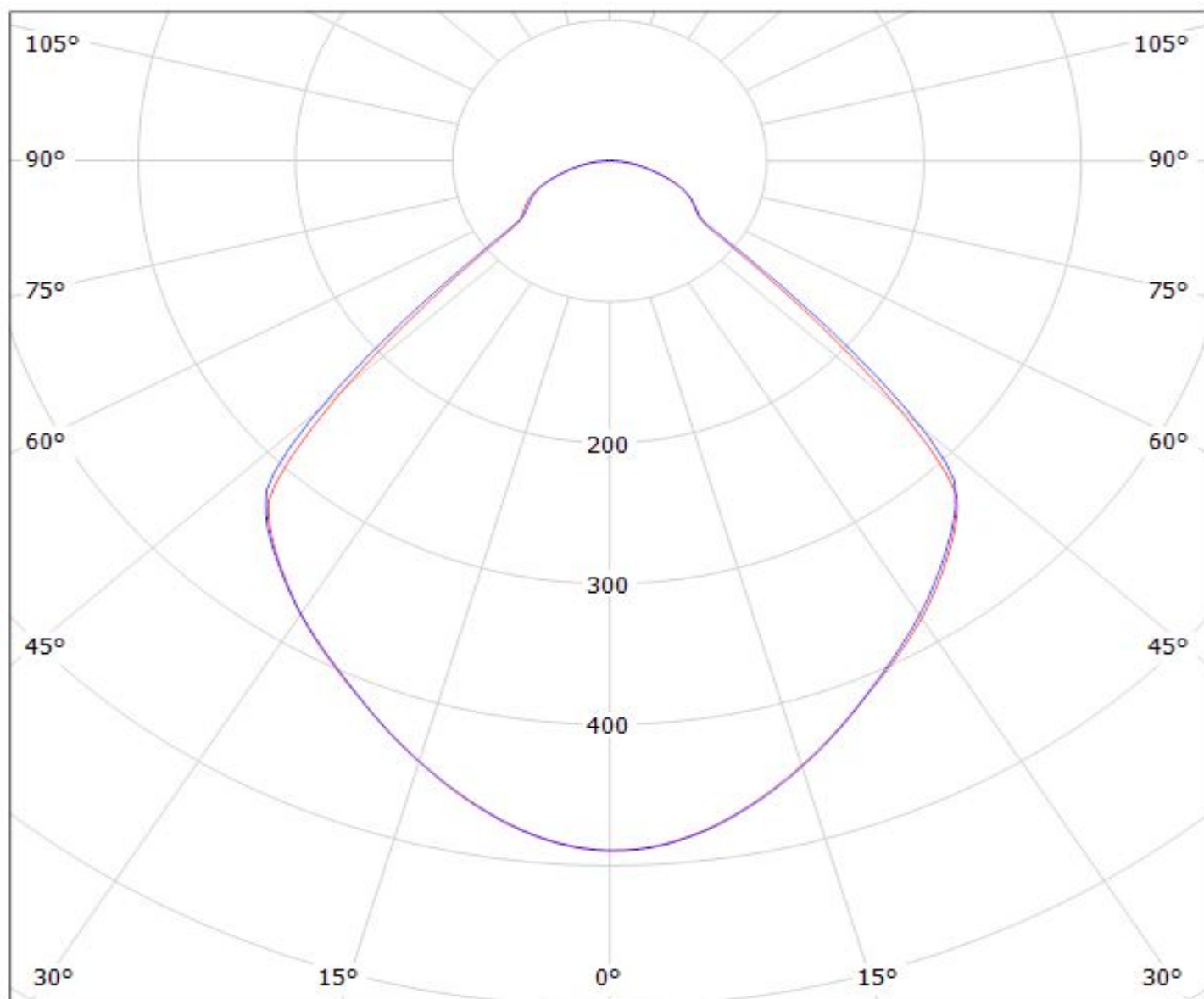


cd/klm

$\eta = 97\%$

— C0 - C180    — C90 - C270

Luminaire: LEDiL Oy F13839\_ANGELINA-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



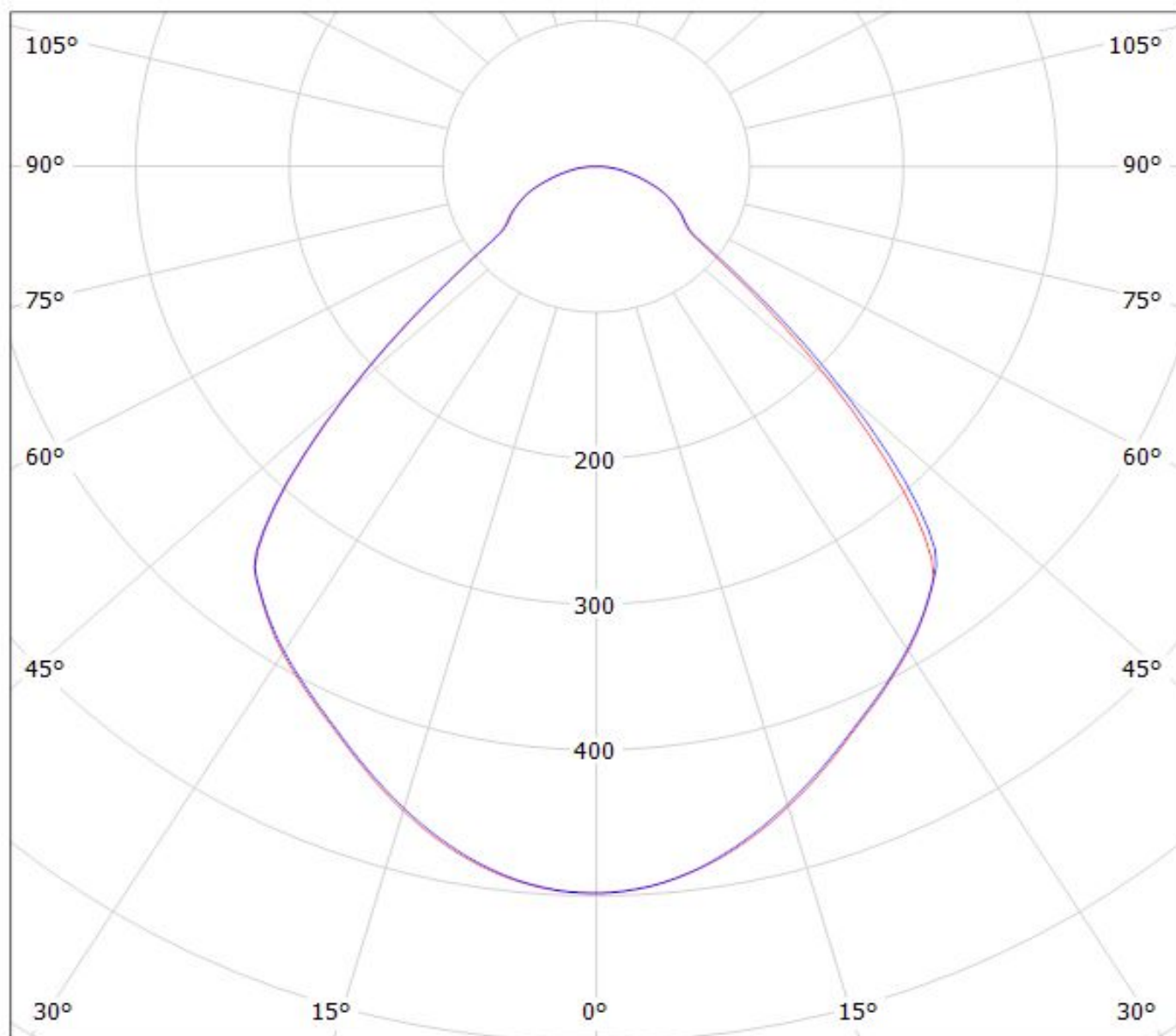
cd/klm

— C0 - C180    — C90 - C270

$\eta = 96\%$

Luminaire: LEDiL Oy F13839\_ANGELINA-XW-B\_(SLE G4 LES23)

Lamps: 1 x Tridonic\_SLE\_G4\_LES23\_1428.75lm@250mA\_P=8.19944W\_I=0.2498A



cd/klm

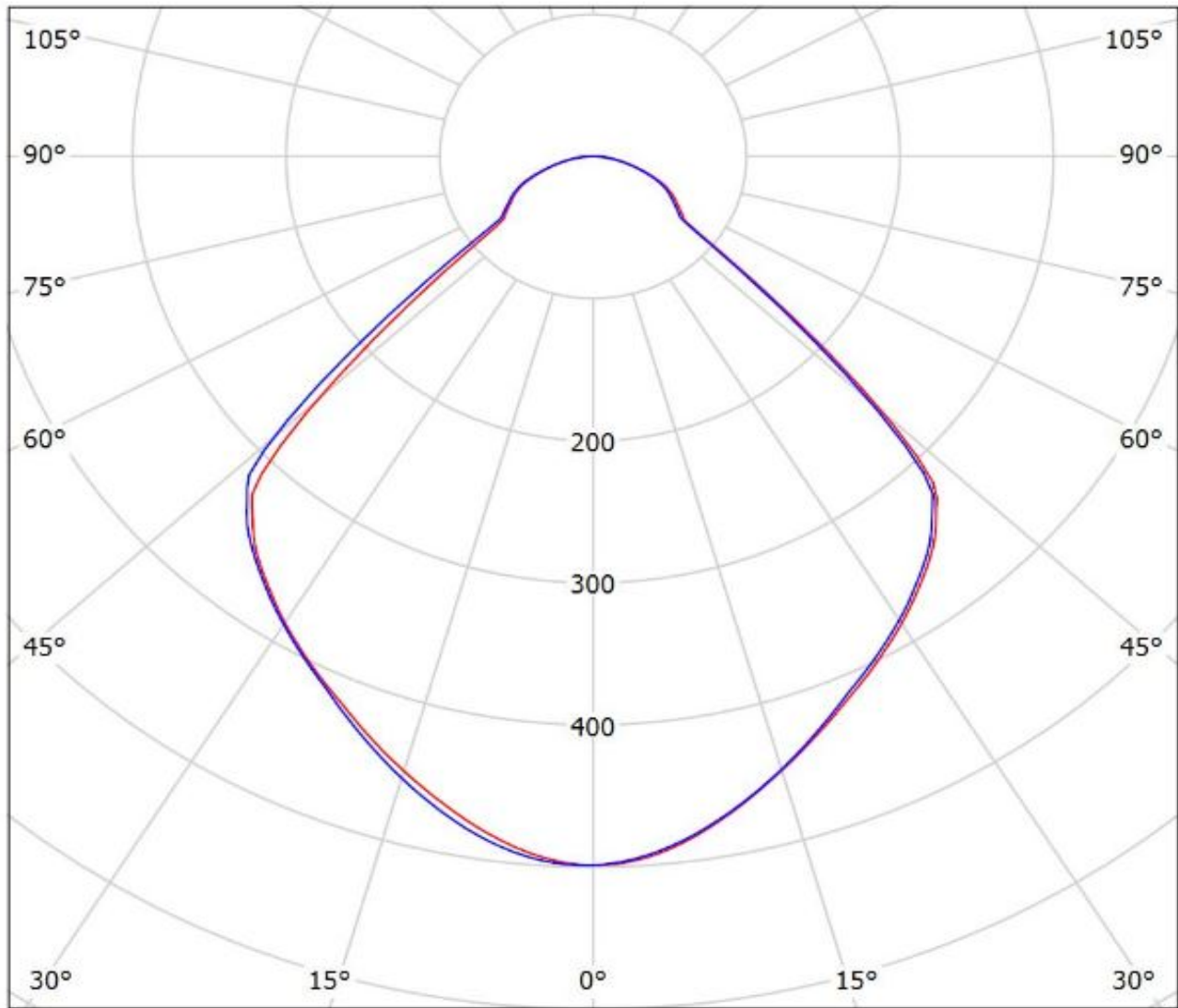
— C0 - C180

— C90 - C270

$\eta = 95\%$

Luminaire: LEDiL Oy F13839\_ANGELINA-XW-B\_(SLE-G5\_LES-15)

Lamps: 1 x Tridonic\_SLE-G5\_LES-15\_1272.36lm@250mA\_P=8.6660W\_I=0.250A



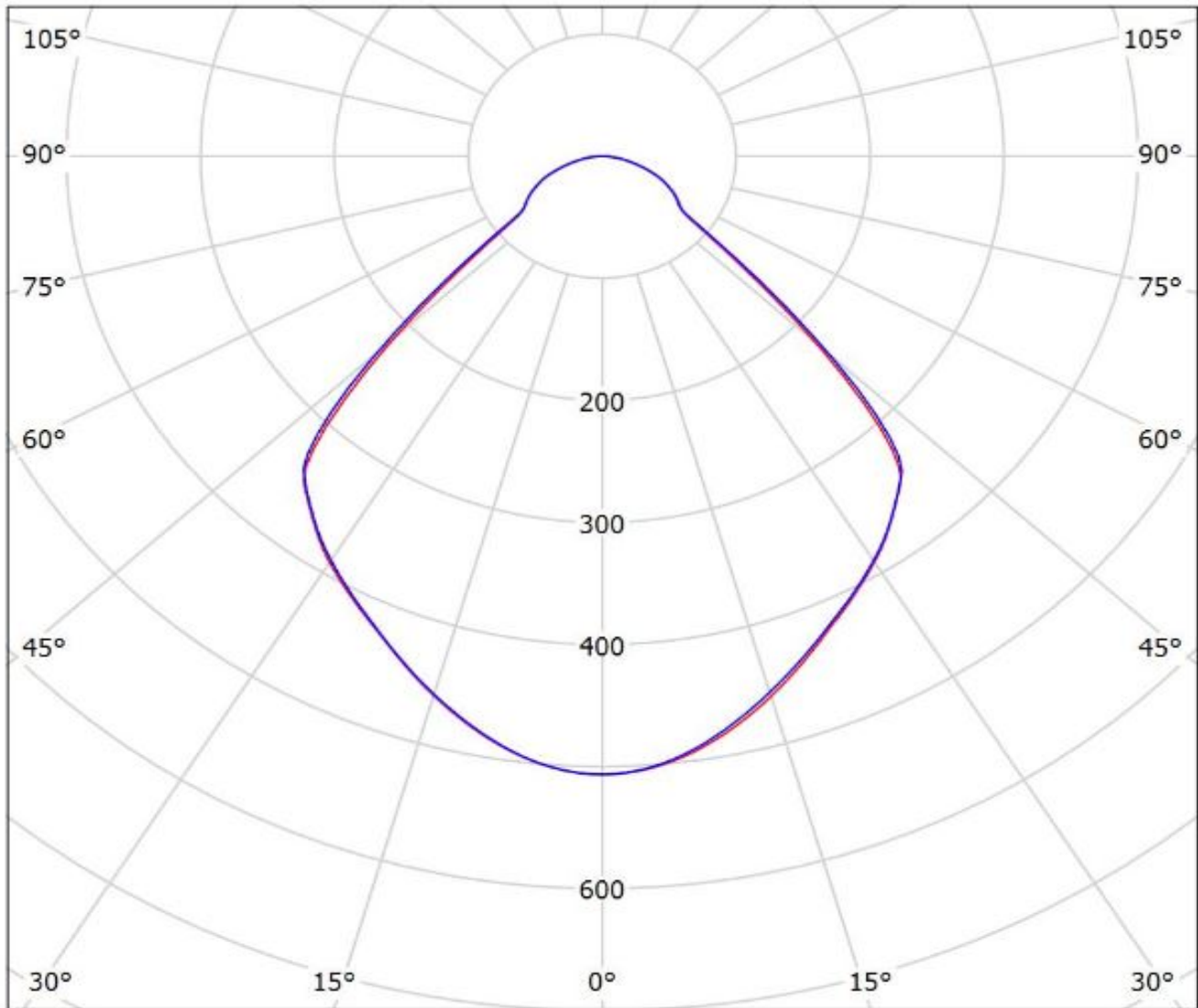
cd/klm

— C0 - C180

— C90 - C270

$\eta = 97\%$

Luminaire: LEDiL Oy F13839\_ANGELINA-XW-B\_(SLE-G5\_LES-19)  
Lamps: 1 x Tridonic\_SLE-G5\_LES-19\_1334.47lm@250mA\_P=8.2224W\_I=0.250A

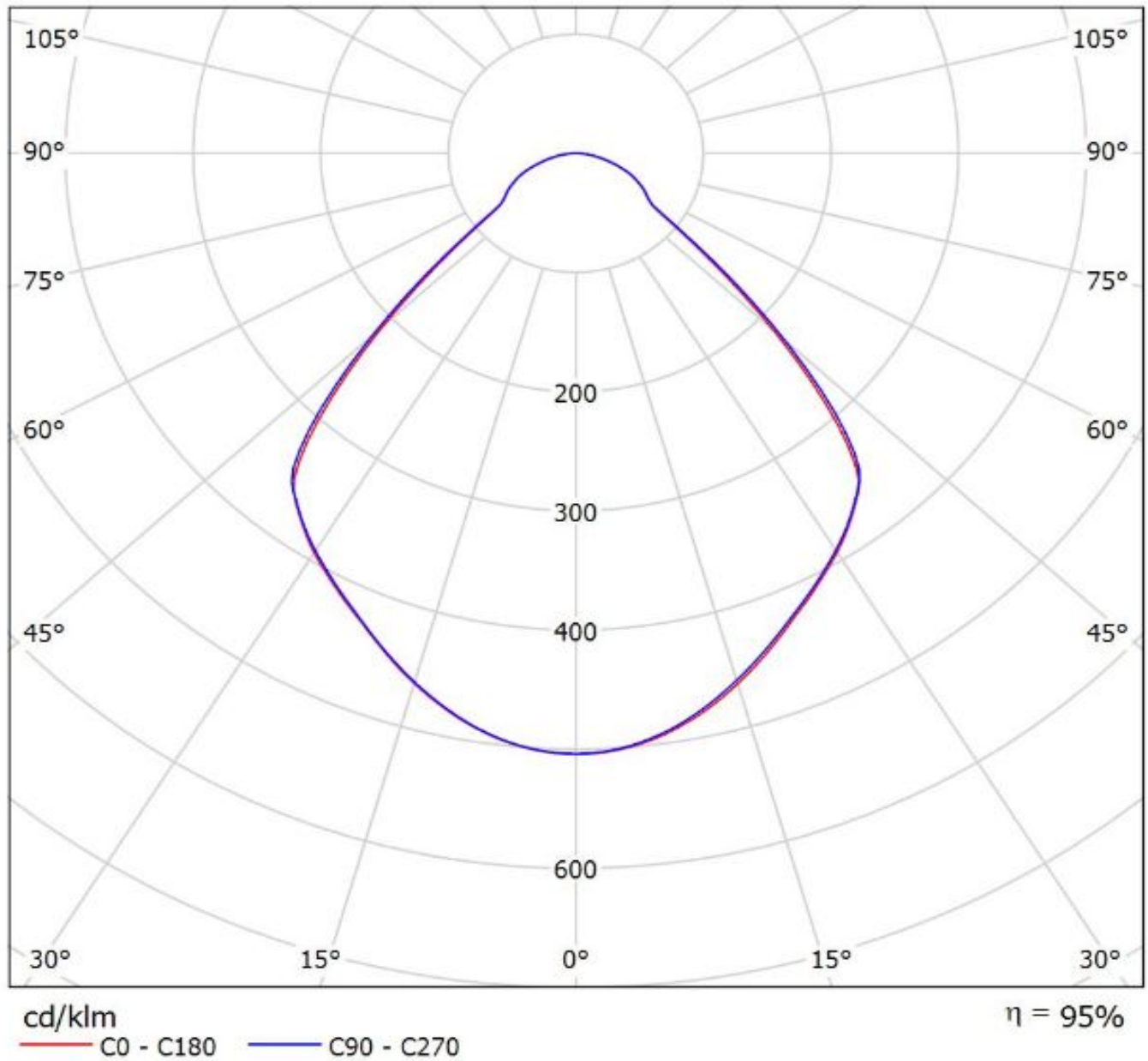


cd/klm  
— C0 - C180 — C90 - C270

$\eta = 95\%$



Luminaire: LEDiL Oy F13839\_ANGELINA-XW-B\_(SLE-G5\_LES-23)  
Lamps: 1 x Tridonic\_SLE-G5\_LES-23\_1377.96lm@250mA\_P=8.114W\_I=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.