

## DETAILS

<b>Product Number</b>	F13661_ANGELINA-W-B
<b>Family</b>	ANGELINA
<b>Type</b>	Reflector
<b>Color</b>	metal
<b>Diameter</b>	82 mm
<b>Height</b>	31 mm
<b>Style</b>	round
<b>Optic Material</b>	PC
<b>Holder Material</b>	
<b>Fastening</b>	
<b>Status</b>	production ready
<b>ROHS Compliant</b>	Yes
<b>Date Updated</b>	12/04/2017



## OPTICAL PROPERTIES

LED	Viewing	Light	Effi-		Connector
	Angle	Beam	ciency	cd/lm	
V15 Gen6	59 deg	Wide	92 %	0.850	BJB: 47.319.2224
V18 Gen6	61 deg	Wide	92 %	0.830	BJB: 47.319.2274
V18 Gen7	60 deg	Wide	93 %	0.840	BJB: 47.319.2350
CLL03x/CLU03x	49 deg	Wide	92 %	1.000	BJB: 47.319.2021
CLL04x/CLU04x	sim: 52	Wide	sim: 95 %	sim: 1.100	BJB: 47.319.2030
CLL03x/CLU03x	55 deg	Wide	94 %	0.900	A.A.G. STUCCHI: 8101/G2
CLL04x/CLU04x	62 deg	Wide	92 %	0.820	A.A.G. STUCCHI: 8102/G2
CLU730/731	sim: 52	Wide	sim: 93 %	sim: 1.080	BJB: 47.319.2030
CLU720/721	51 deg	Wide	94 %	0.950	A.A.G. STUCCHI: 8101/G2
CLU720/721	49 deg	Wide	93 %	1.000	BJB: 47.319.2021
CLL04x/CLU04x	sim: 55	Wide	sim: 90 %	sim: 0.940	BJB: 47.319.2030
CXA/B 30xx	63 deg	Wide	91 %	0.840	A.A.G. STUCCHI: 8404/G2
CXA/B 25xx	57 deg	Wide	93 %	0.870	A.A.G. STUCCHI: 8401/G2
CXA/B 25xx	61 deg	Wide	92 %	0.800	BJB: 47.319.2141
COB 10W/13W/17W/24W	53 deg	Wide	93 %	0.940	BJB: 47.319.2080
COB 10W/13W/17W/24W	52 deg	Wide	94 %	0.940	A.A.G. STUCCHI: 8600/G2
COB 40W/60W	62 deg	Wide	92 %	0.810	A.A.G. STUCCHI: 8102/G2
LUXEON K16	61 deg	Wide	sim: 100 %	0.870	BJB: 47.319.2070
LUXEON K12	sim: 46	Wide	-	-	BJB: 47.319.2070
LUXEON CoB 1204/1205	53 deg	Wide	94 %	0.940	A.A.G. STUCCHI: 8301/G2
LUXEON CoB 1208	55 deg	Wide	93 %	0.900	A.A.G. STUCCHI: 8301/G2
LUXEON CoB 1211	58 deg	Wide	92 %	0.870	A.A.G. STUCCHI: 8102/G2
LUXEON CoB 1211	58 deg	Wide	92 %	0.870	BJB: 47.319.2030
LUXEON CoB 1216	65 deg	Wide	91 %	0.780	BJB: 47.319.2030
CXM-22	63 deg	Wide	92 %	0.800	BJB: 47.319.2030



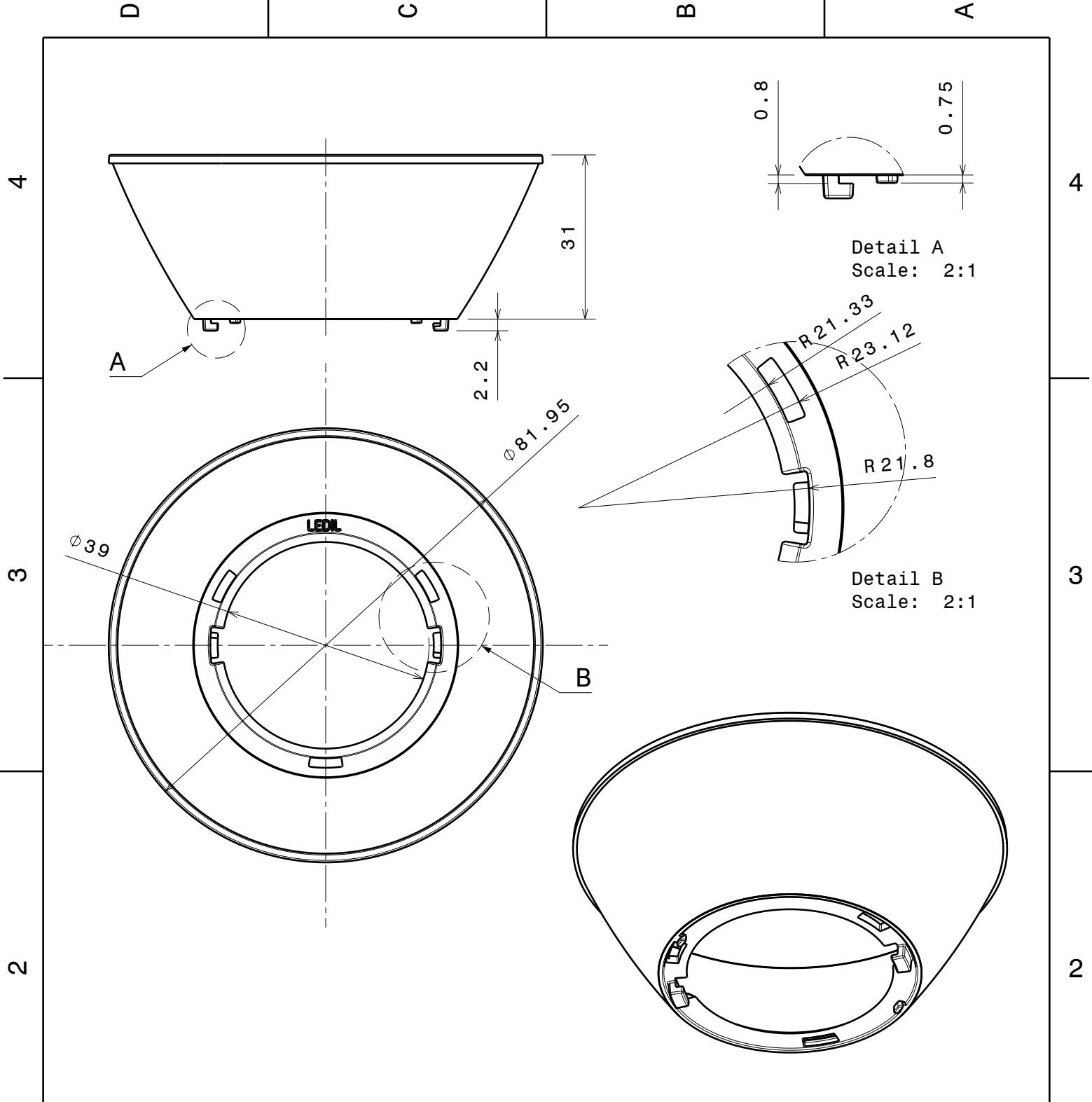
# PRODUCT DATASHEET

## ANGELINA series

last update 12/4/2017

### OPTICAL PROPERTIES

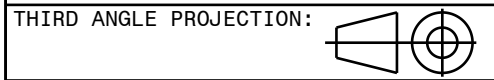
LED	Viewing Angle	Light Beam	Efficiency	cd/lm	Connector
CXM-14	51 deg	Wide	93 %	0.970	BJB: 47.319.2021
Soleriq E30	54 deg	Wide	90 %	0.940	BJB: 47.319.2011
Soleriq S13	52 deg	Wide	94 %	0.950	A.A.G. STUCCHI: 8502/G2
Soleriq S19	55 deg	Wide	93 %	0.900	BJB: 47.319.2170
Soleriq S19	55 deg	Wide	93 %	0.900	A.A.G. STUCCHI: 8503/G2
Soleriq P13	47 deg	Wide	93 %	1.080	A.A.G. STUCCHI: 8502/G2
Soleriq S13 Gen2	53 deg	Wide	93 %	0.920	BJB: 47.319.2021
COB D Series LES 22 mm	sim: 54	Wide	sim: 90 %	sim: 0.950	BJB: 47.319.2030
COB D Series LES 14.5 mm	59 deg	Wide	93 %	0.860	A.A.G. STUCCHI: 8101/G2
COB D Series LES 14.5 mm	59 deg	Wide	93 %	0.860	BJB: 47.319.2021
ZC12/18	54 deg	Wide	93 %	0.920	A.A.G. STUCCHI: 8101/G2
ZC25/40	62 deg	Wide	92 %	0.810	A.A.G. STUCCHI: 8102/G2
Mega Zenigata (GW6DME)	55 deg	Wide	94 %	0.910	A.A.G. STUCCHI: 8301/G2
STARK SLE PURE G3 LES17	56 deg	Wide	93 %	0.890	A.A.G. STUCCHI: 8101/G2
SLE G4 LES23 H	57 deg	Wide	92 %	0.890	-
SLE G4 LES19 H	34 deg	Wide	81 %	1.600	-
SLE G5 LES15	55 deg	Wide	93 %	0.900	BJB: 47.319.2021
SLE G5 LES19 H	54 deg	Wide	91 %	0.930	-
SLE G5 LES23 H	60 deg	Wide	91 %	0.860	-
SLE G6 LES19 H	sim: 48	Wide	sim: 91 %	sim: 1.160	-
SLE G6 LES23 H	sim: 50	Wide	sim: 91 %	sim: 1.080	-
SLE G6 LES17 H	sim: 46	Wide	sim: 91 %	sim: 1.200	-
SLE G6 LES15 H D50	sim: 54	Wide	sim: 91 %	sim: 0.990	-



INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1		ANGELINA-B	PC	metal

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**

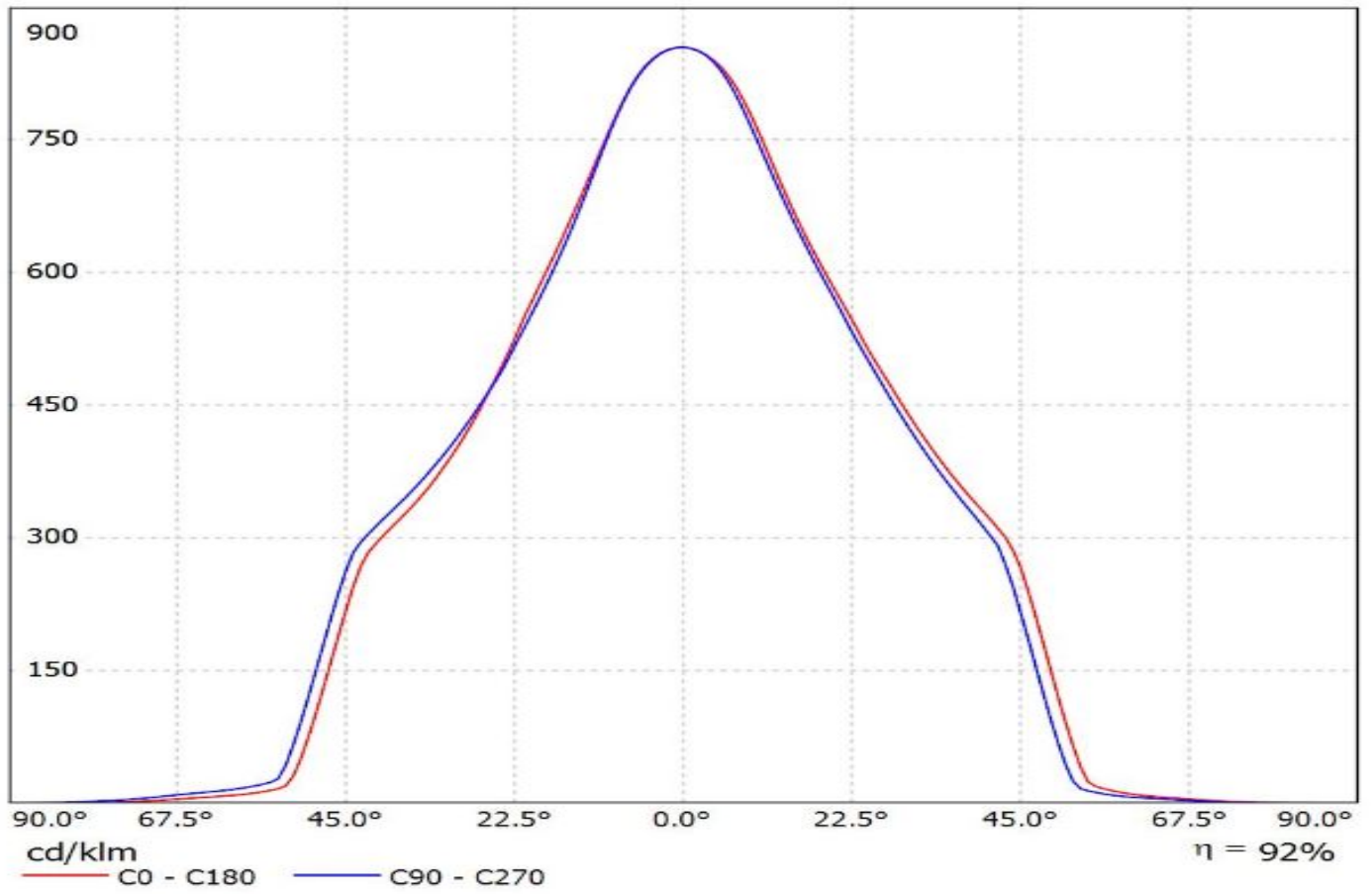
This drawing is the property of LEDiL Oy. It may not be reproduced, copied or communicated without a written agreement with LEDiL Oy."

SIZE	PART NUMBER
A4	-

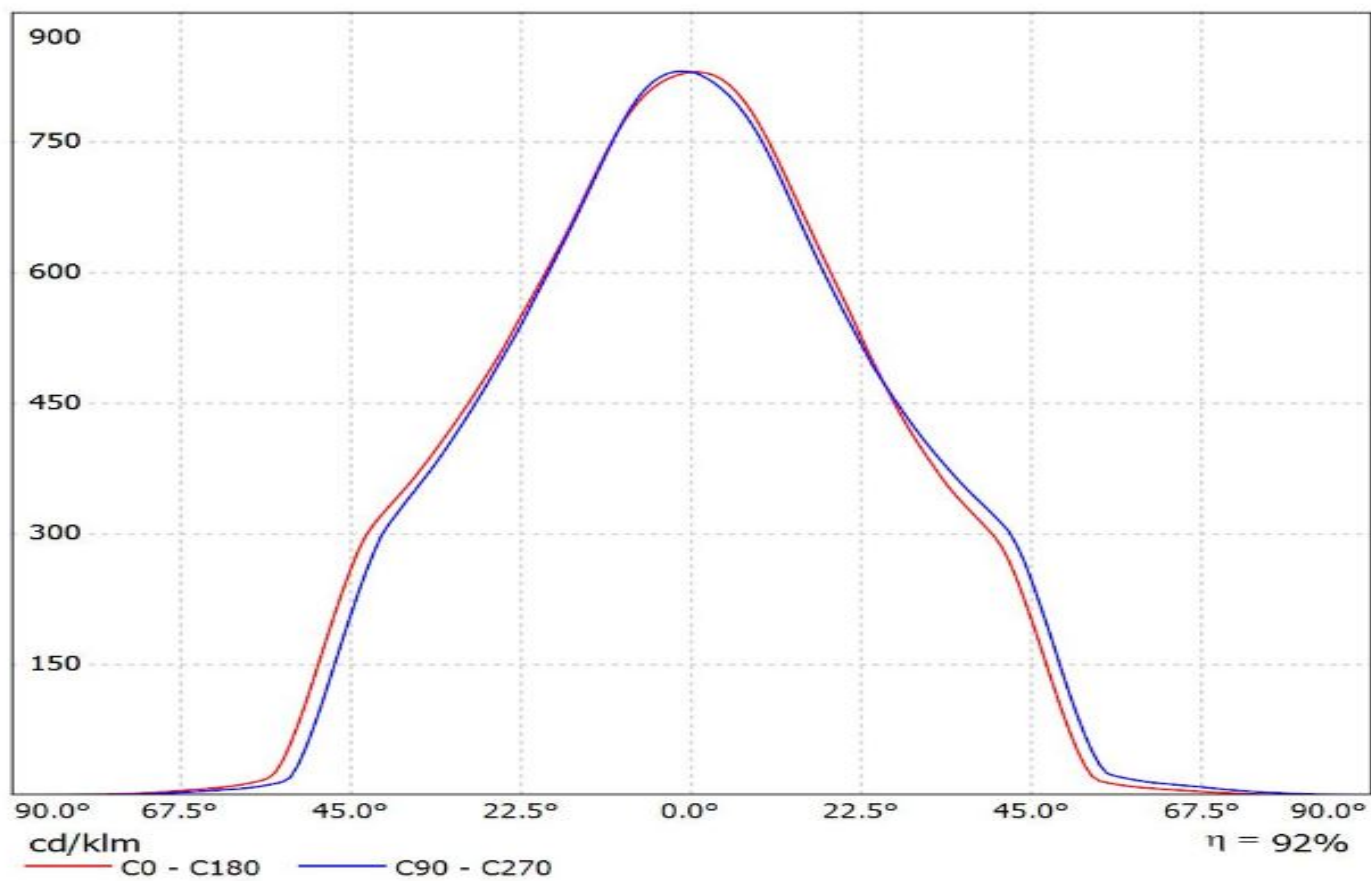
SCALE	1:1	WEIGHT	-	SHEET	1/1
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Luminaire: Ledil F13661\_ANGELINA-W-B\_(V15+BJB)

Lamps: 1 x Bridgelux\_V15\_+47.319.2224\_1096.43lm@250mA\_P=8.2647W\_I=0.25A

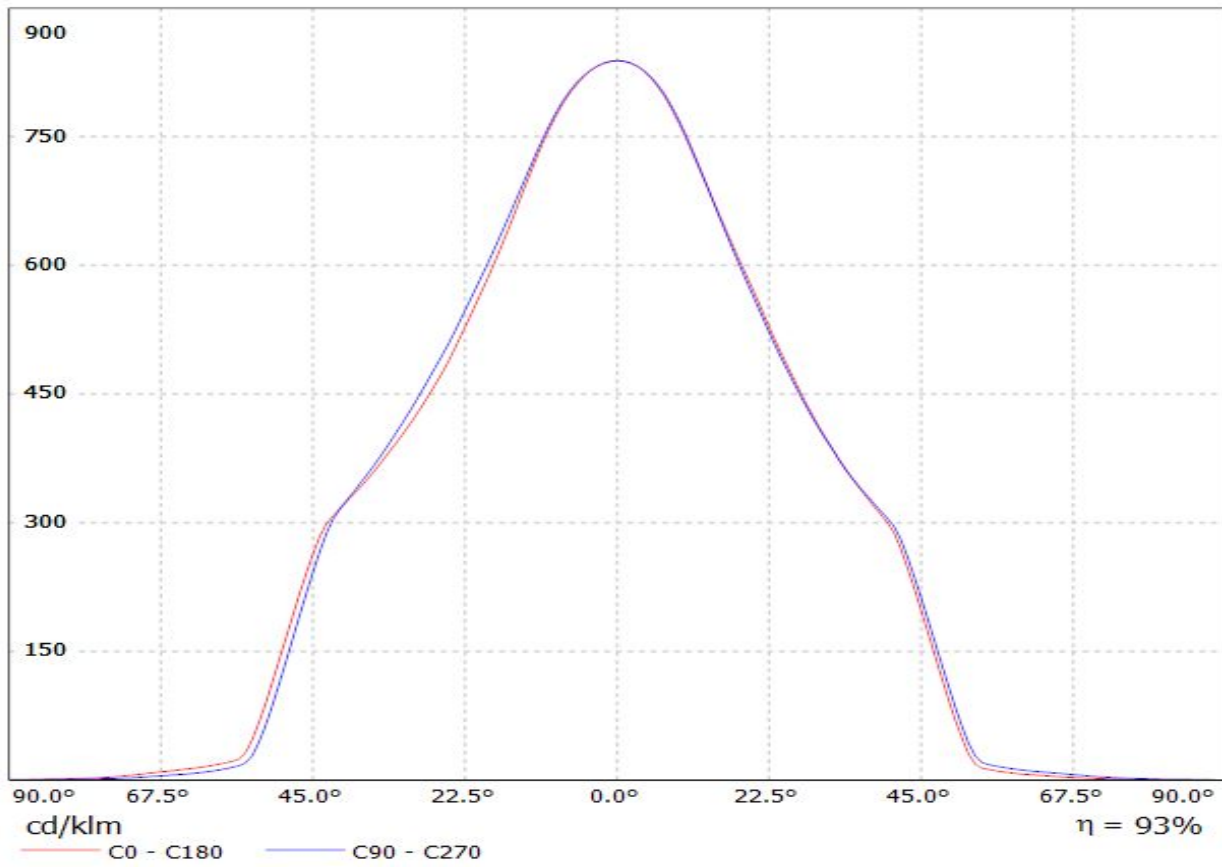


Luminaire: Ledil F13661\_ANGELINA-W-B\_(V18+BJB)  
Lamps: 1 x Bridgelux\_V18\_(BXRC-30E4000-F-23)  
\_+47.319.2274\_1094.62lm@250mA\_CCT=3000K\_P=6.875W\_I=0.25A



Luminaire: LEDiL Oy F13661\_ANGELINA-W-B\_(V18\_Gen7)+BJB

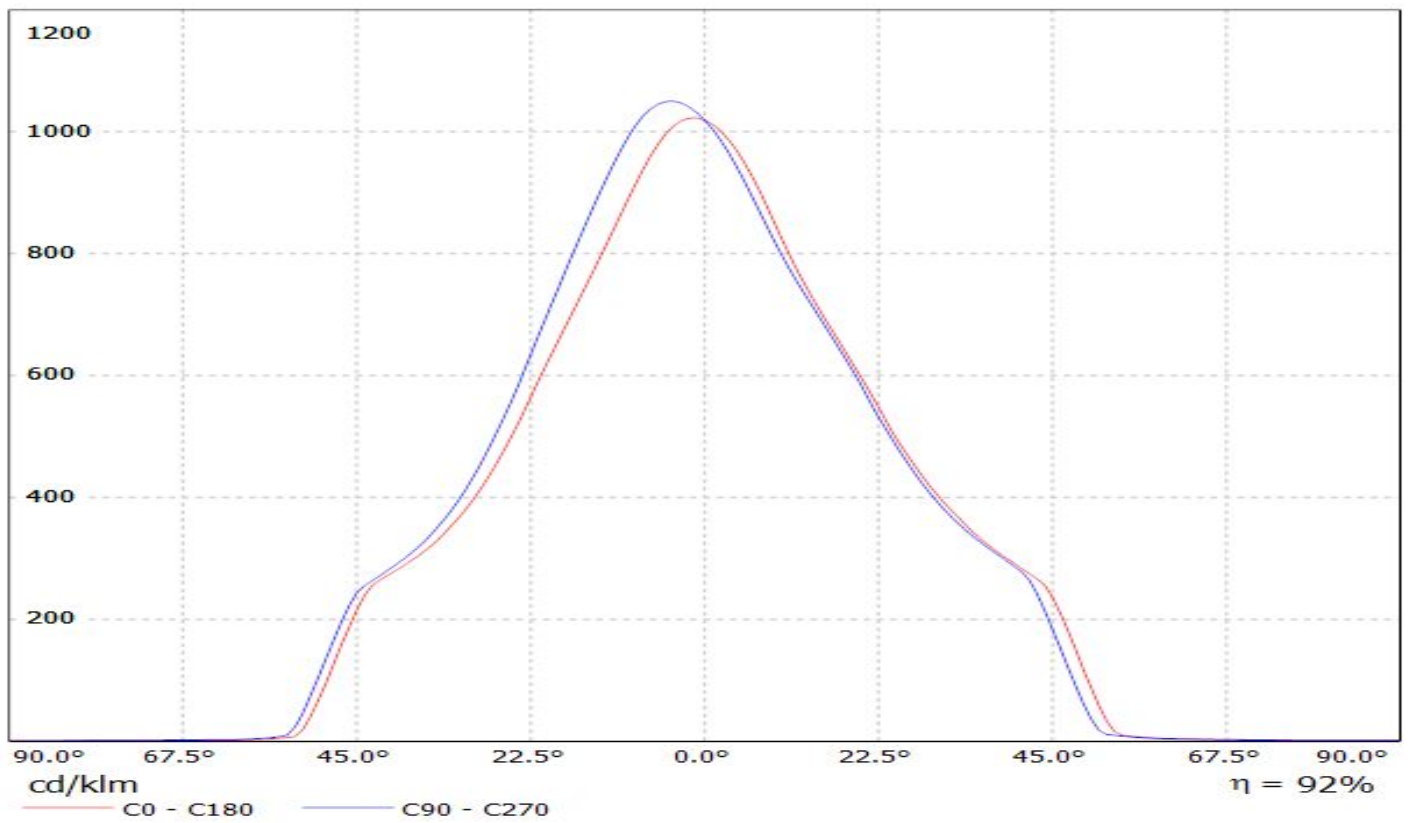
Lamps: 1 x Bridgelux\_V18\_Gen7\_(BXRE-30E4000-B)+BJB\_47.319.2350\_1384.73lm@250mA\_P=8.09577W\_I=0.25A



# LEDiL Oy C13661\_ANGELINA-W-B\_(CLL030) Eff.92.0% / LDC (Linear)

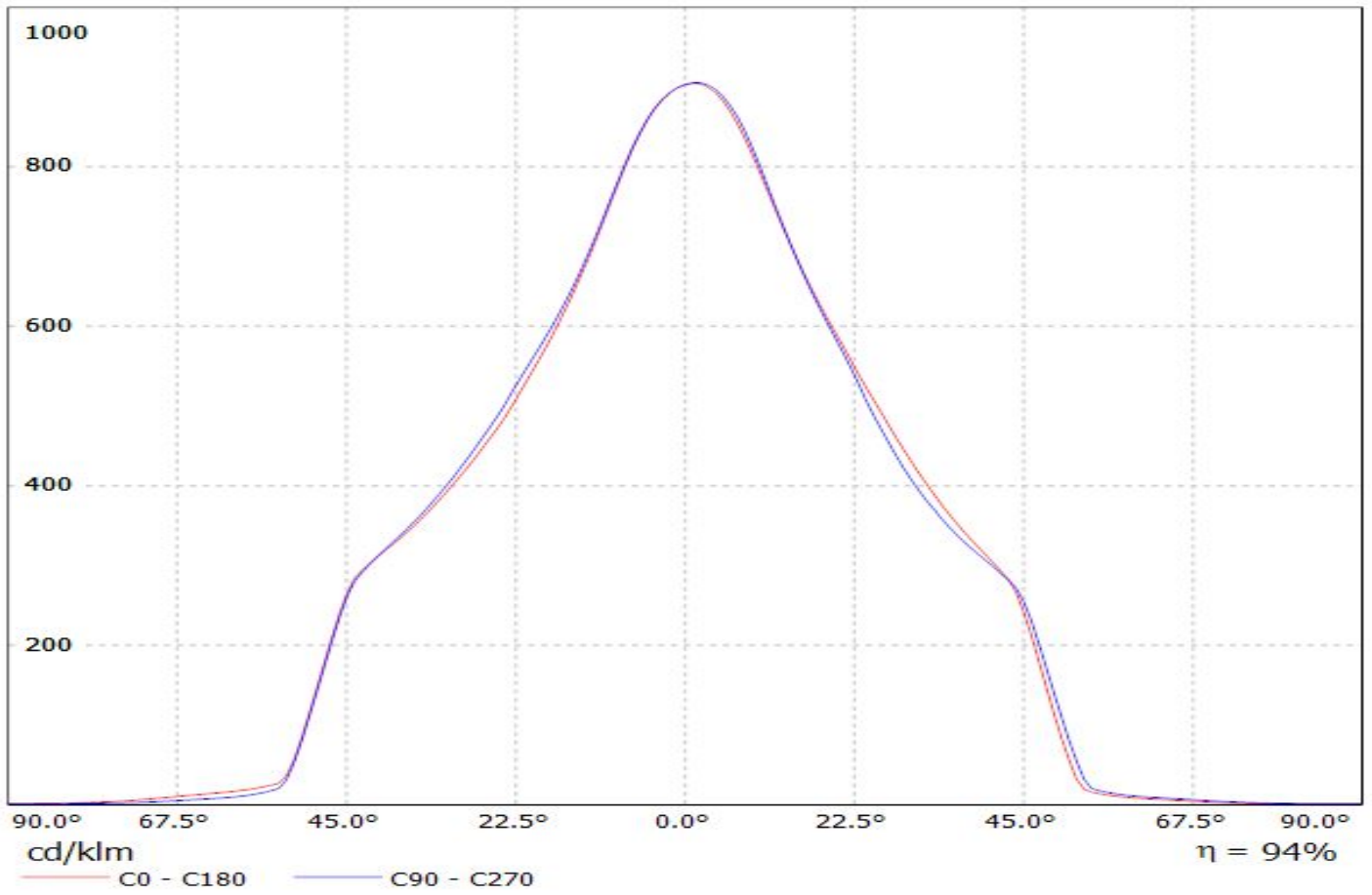
Luminaire: LEDiL Oy C13661\_ANGELINA-W-B\_(CLL030) Eff.92.0%

Lamps: 1 x CITIZEN\_CLL030\_(CLL030-1205A5-303H1A7) 797.292lm@250mA CCT=3000K P=8.65307W I=249.8mA



Luminaire: LEDiL Oy F13661\_ANGELINA-W-B\_(CLU034)

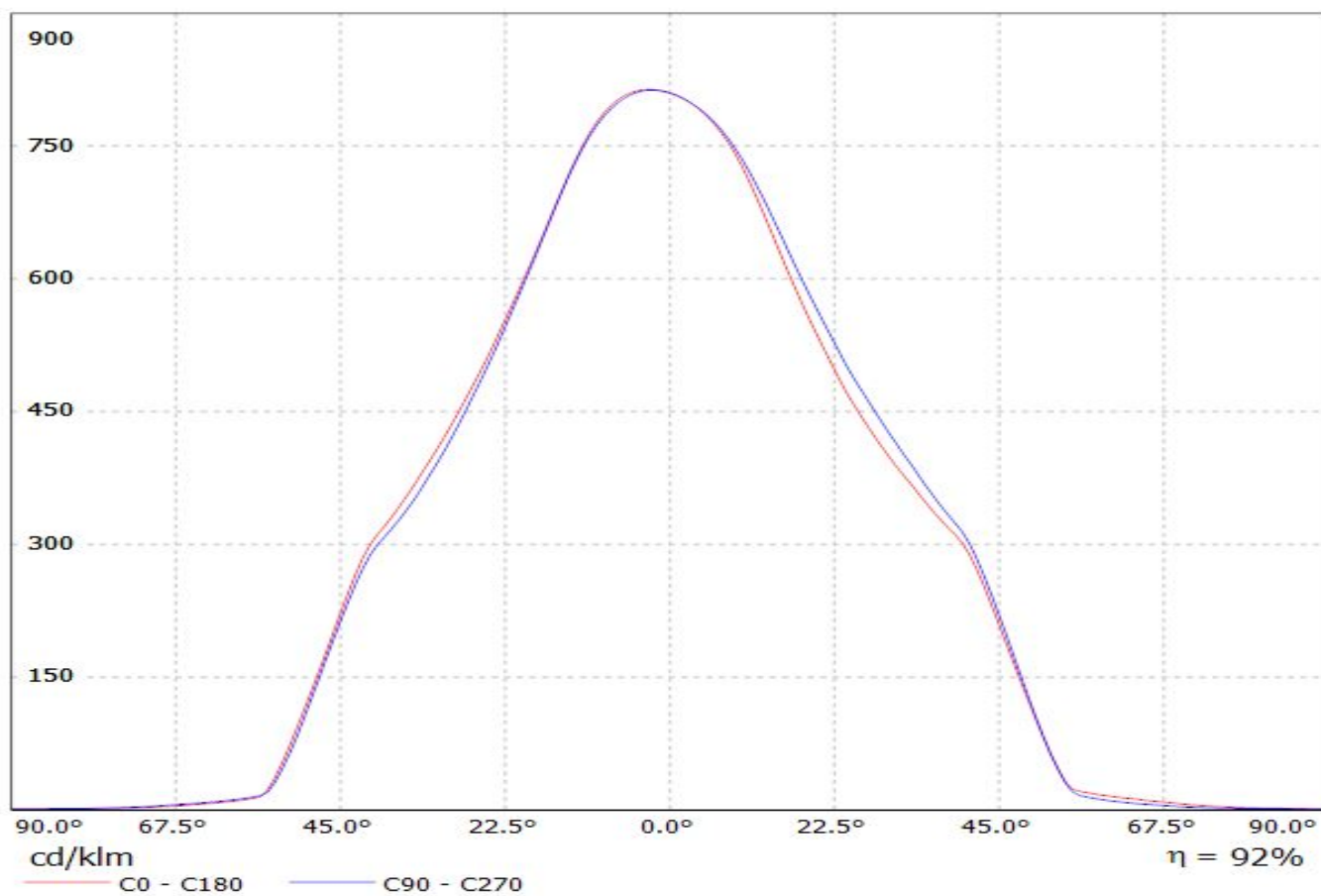
Lamps: 1 x Citizen\_CLU034\_(CLU034-1205B8-303M1A2)\_1159.11lm@250mA\_P=8.46586W\_I=249.9mA



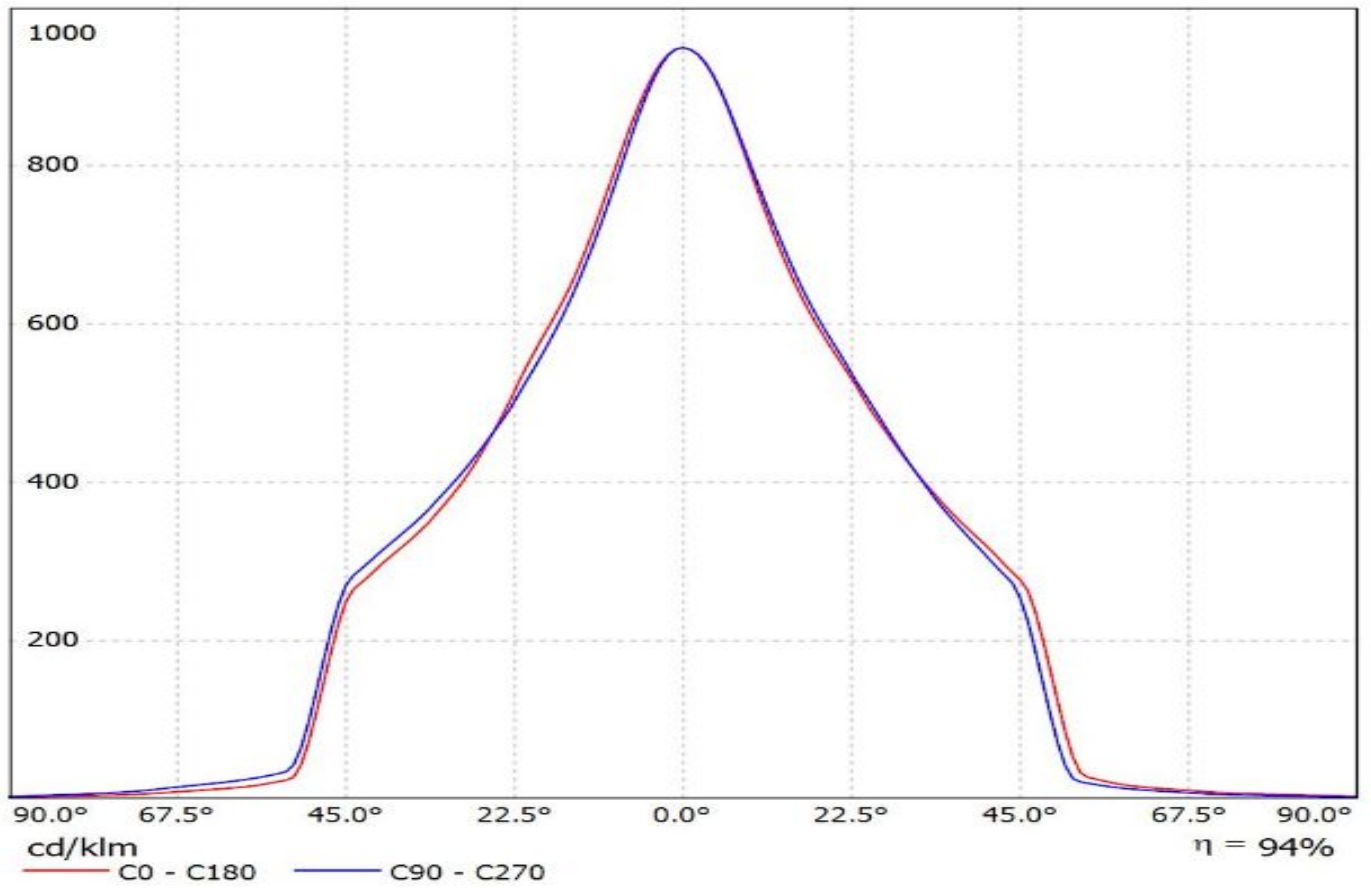


Luminaire: LEDiL Oy F13661\_ANGELINA-W-B\_(CLU044)

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

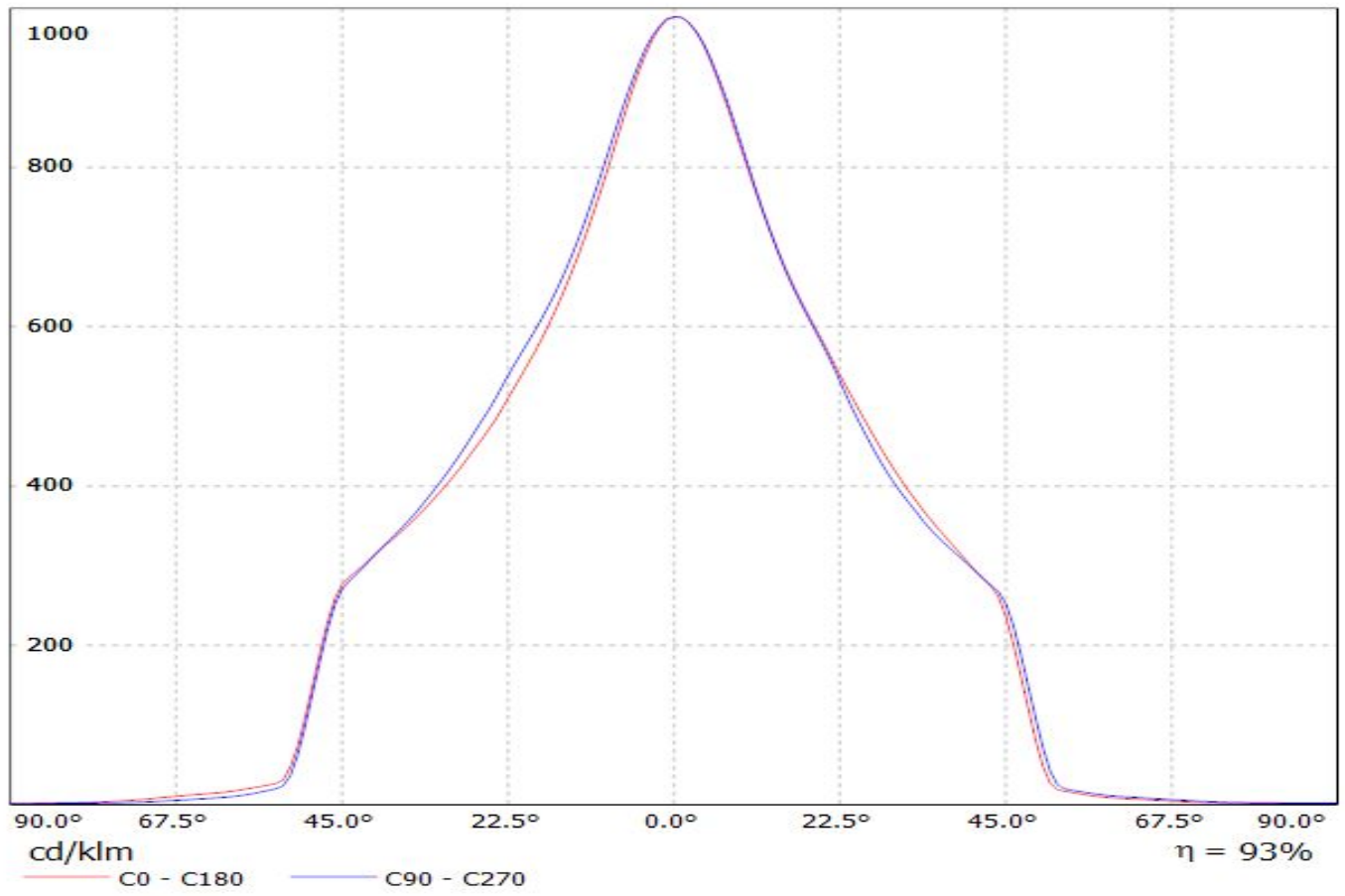


Luminaire: Ledil F13661\_ANGELINA-W-B\_(CITIZEN\_CLU720)  
Lamps: 1 x CITIZEN\_CLU720\_(CLU720-1206B8-273M2)  
\_1320.42lm@250mA\_CCT=2700K\_P=8.35W\_I=0.25A

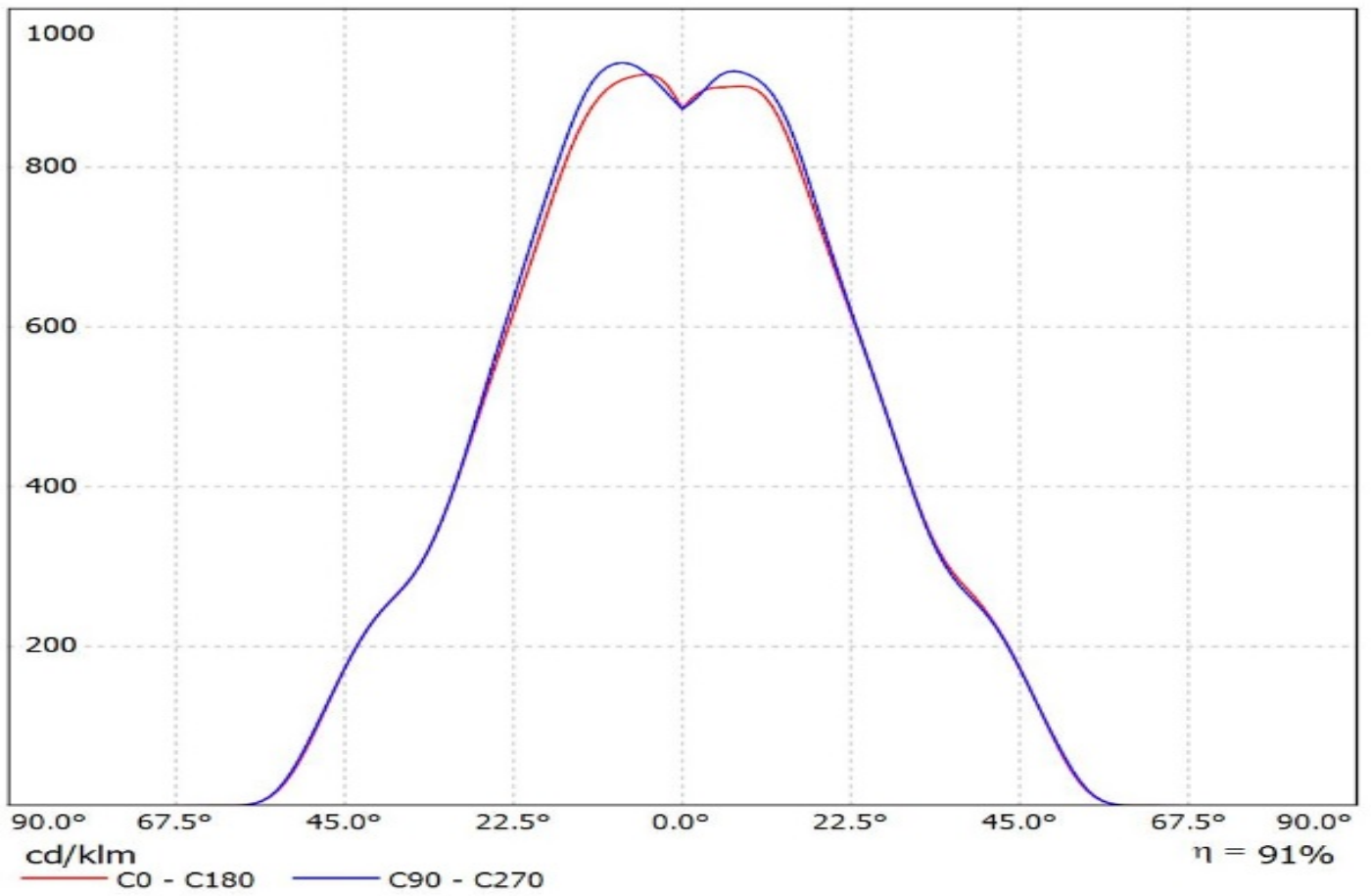


Luminaire: LEDiL Oy F13661\_ANGELINA-W-B (CITIZEN\_CLU720)

Lamps: 1 x CITIZEN\_CLU720\_(BJB: 47.319.2020)\_1214.68lm@250mA\_CCT=2700K\_P=8.31842W\_I=0.25A

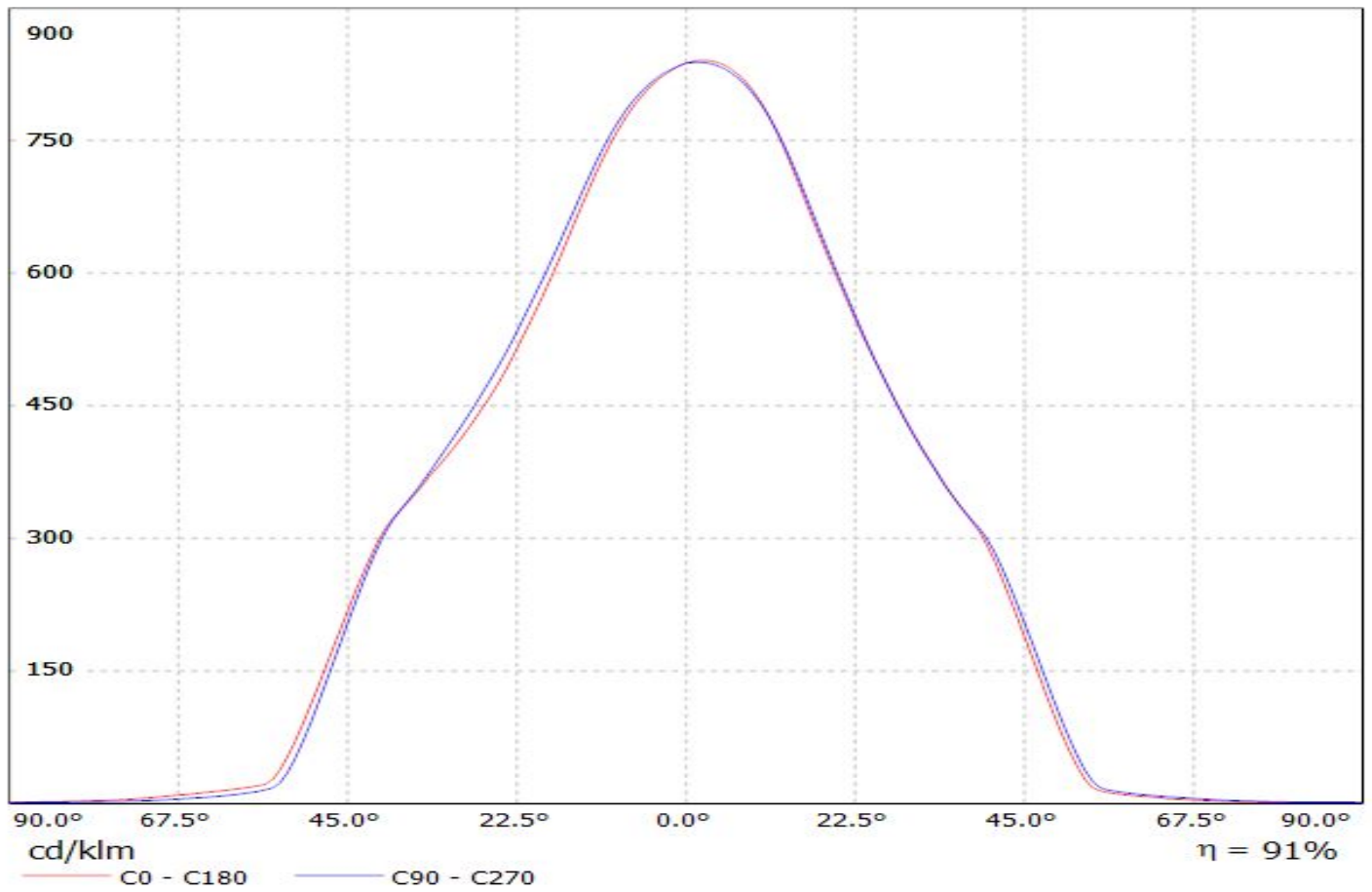


Luminaire: Ledil Oy F13661\_ANGELINA-W-B\_(CLU048)\_(47\_319\_2030)\_SIMULATED  
Lamps: 1 x Citizen CLU048 (CLU048-1212C4-303M2K1) + BJB connector 47.319.2030

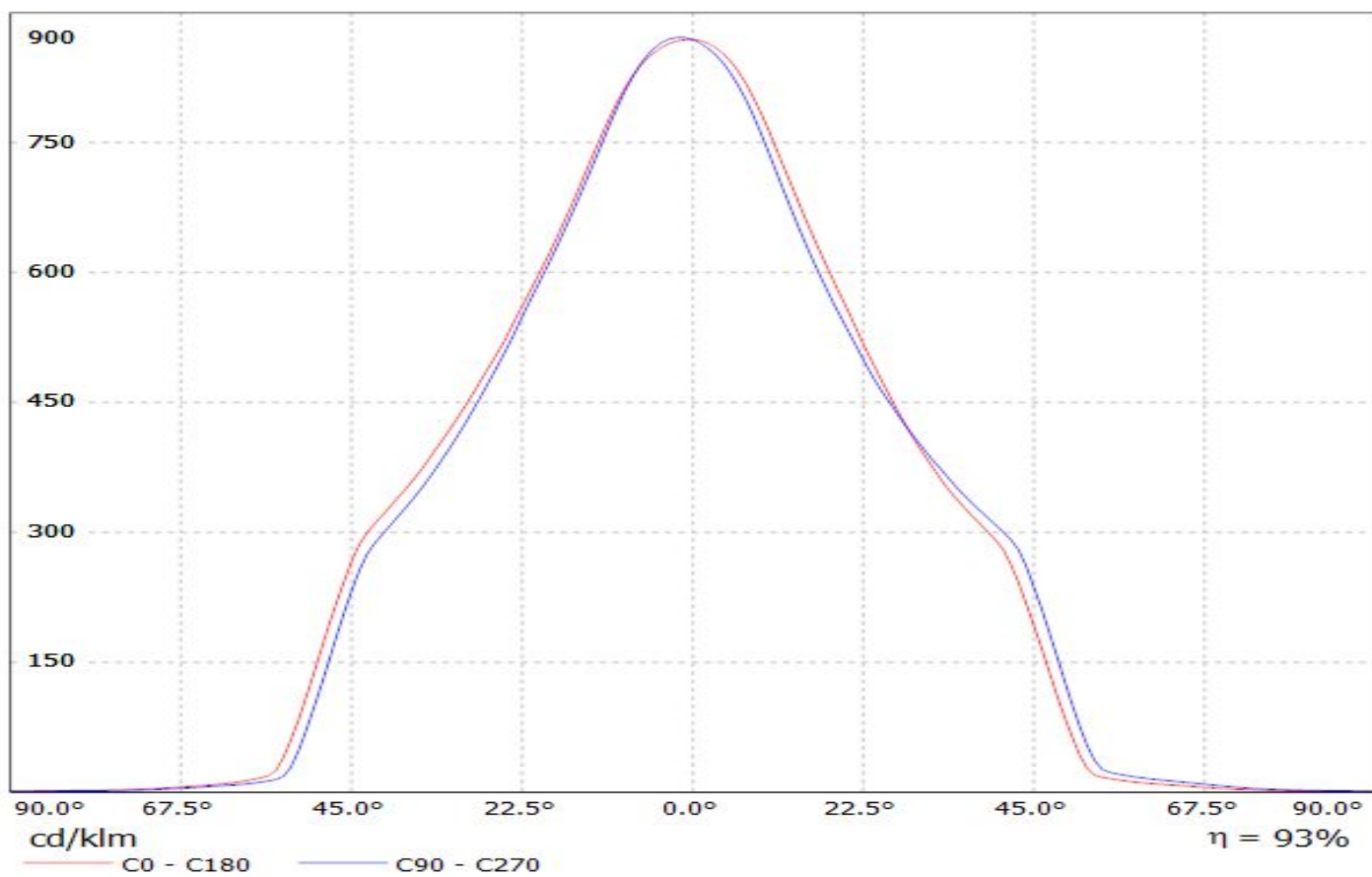


Luminaire: LEDiL Oy F13661\_ANGELINA-W-B\_(CXA30)

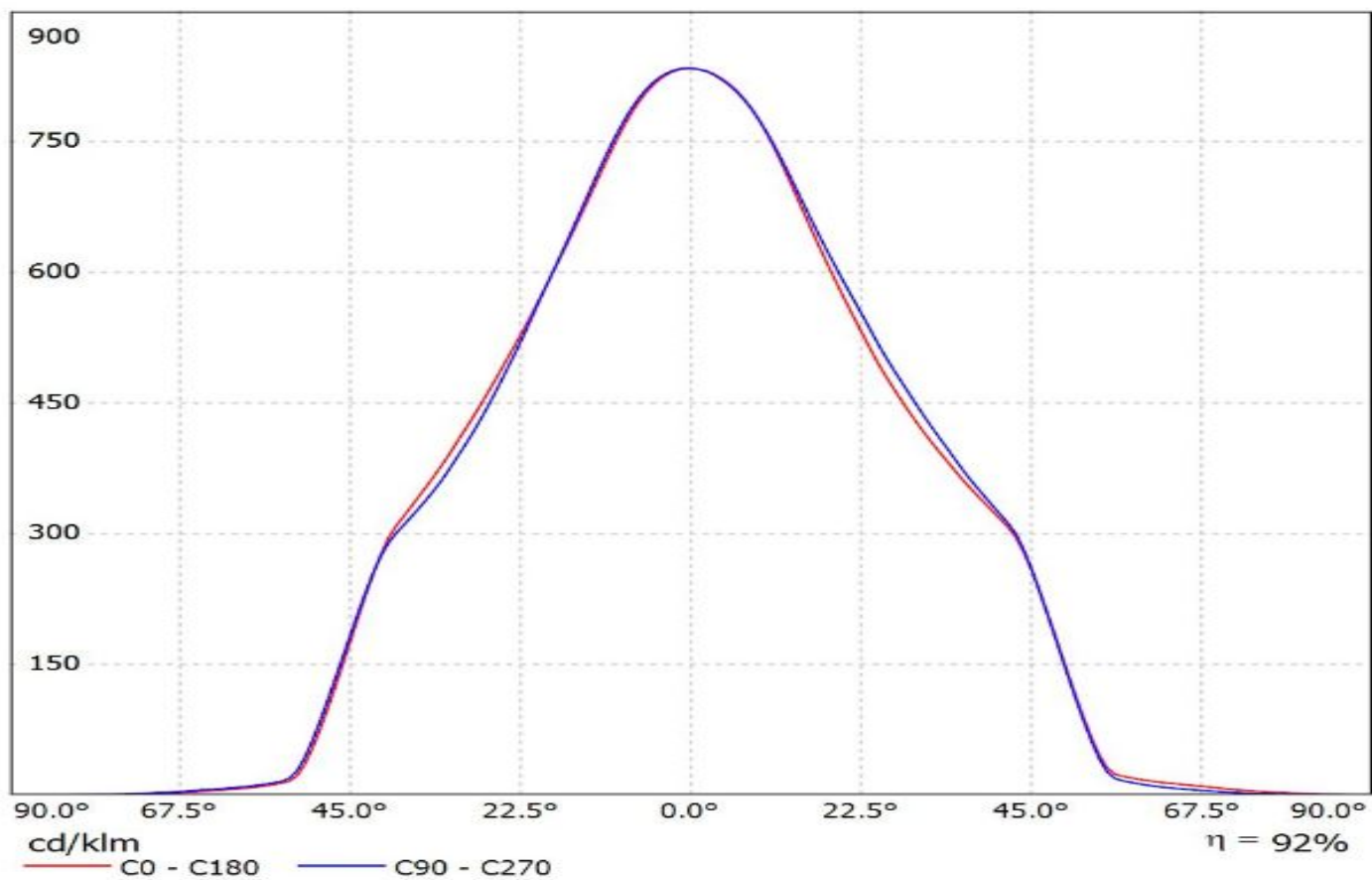
Lamps: 1 x Cree\_CXA30\_(CXA3050-3C0-Y2-N0H)\_1395.36lm@250mA\_P=8.20318W\_I=249.8mA



Luminaire: LEDiL Oy F13661\_ANGELINA-W-B\_(CXA2590)  
Lamps: 1 x CREE\_CXA2590\_(CXA2590-30F-Z4-RPH-00001)  
\_837.275lm@100mA\_CCT=3000K\_P=6.36316W\_I=100.1mA

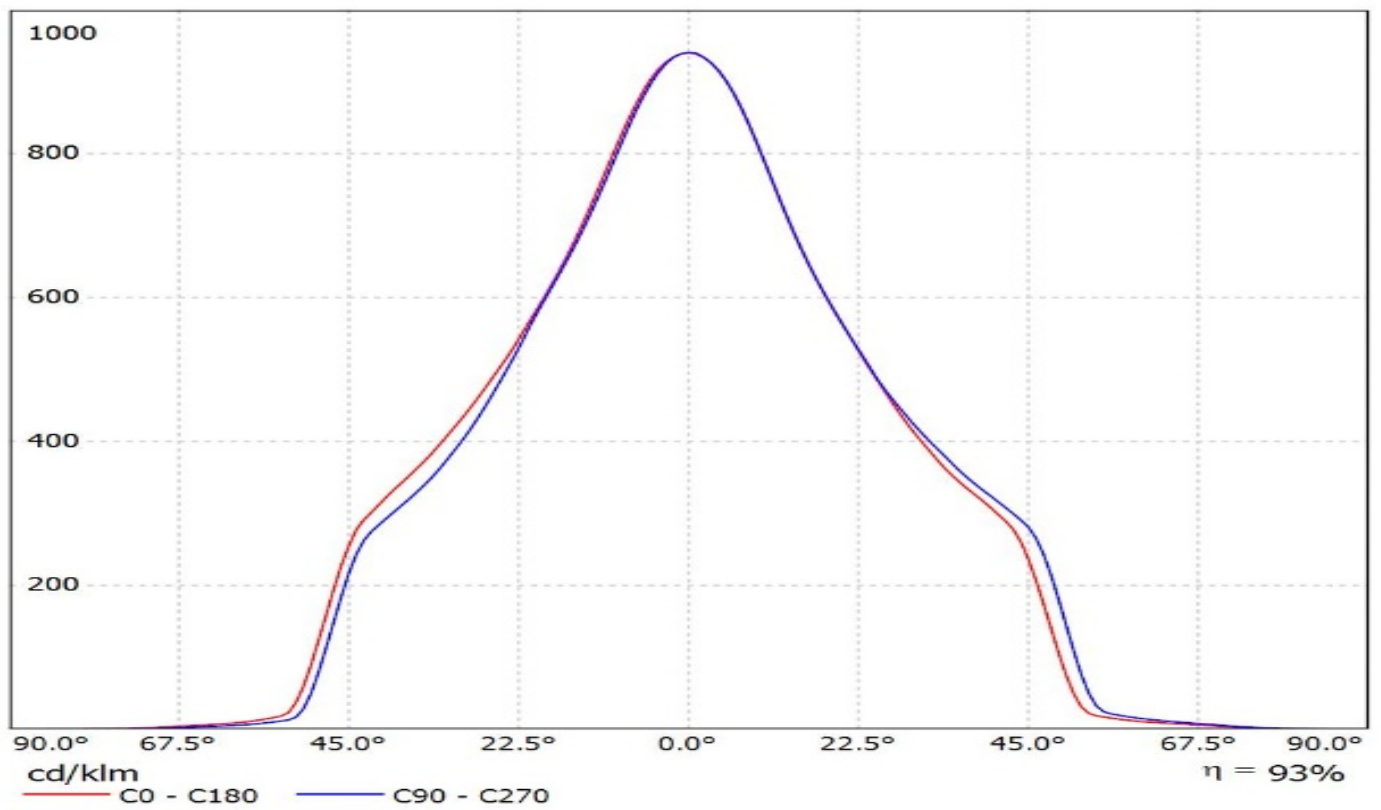


Luminaire: Ledil F13661\_ANGELINA-W-B\_(CXB2540+\_BJB\_47.319.2140)  
Lamps: 1 x CREE\_CXB2540\_(-40G-W4-N0H-00002)  
+\_BJB\_47.319.2140\_1412.99lm@250mA\_CCT=40000K\_P=8.1310W\_I=0.25A



Ledil F13661\_ANGELINA-W-B\_(COB\_10W)\_(BJB\_47\_319\_2080) / LDC  
(Linear)

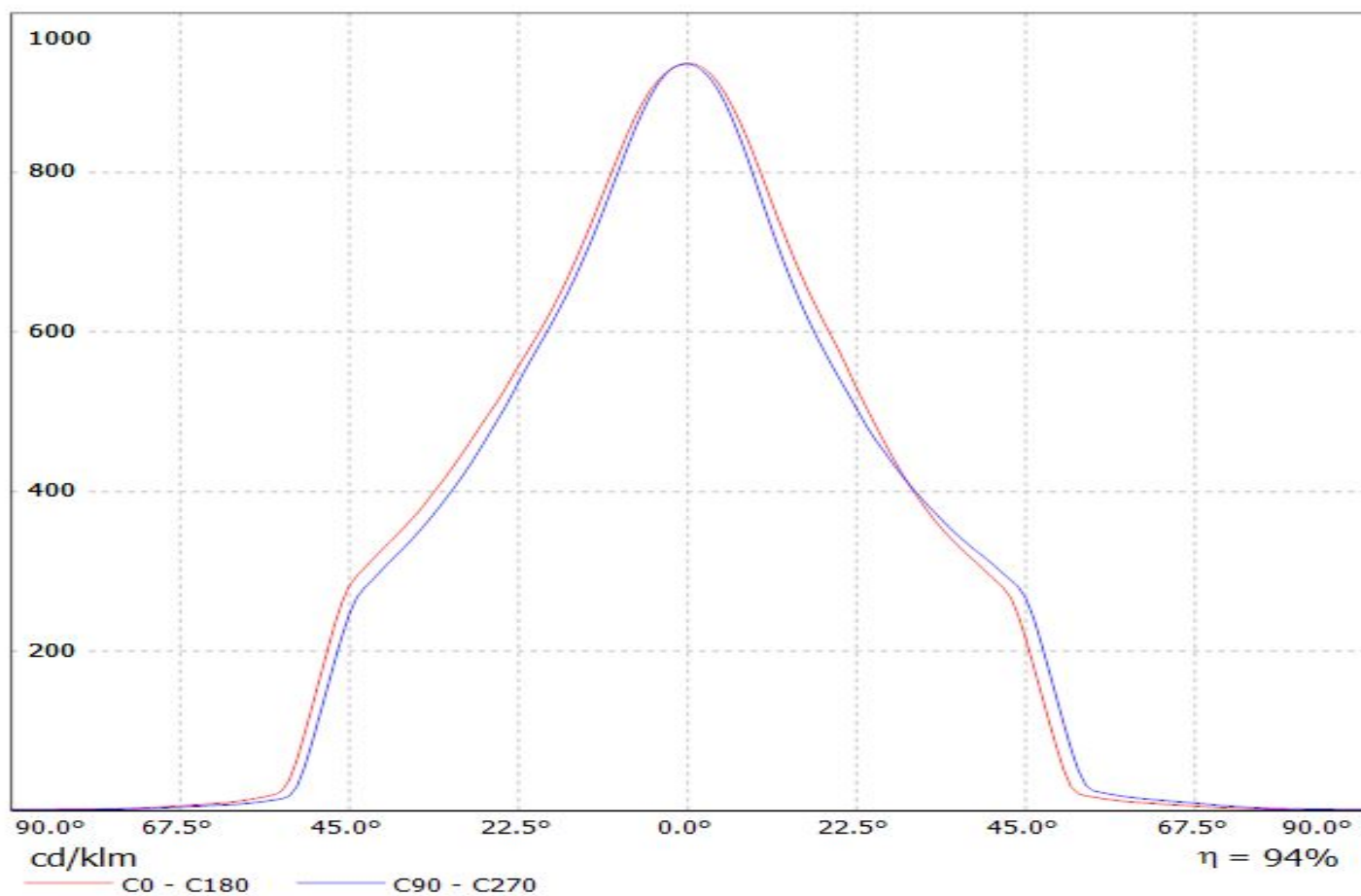
Luminaire: Ledil F13661\_ANGELINA-W-B\_(COB\_10W)\_(BJB\_47\_319\_2080)  
Lamps: 1 x LG\_COB\_10W\_(LEMWM18580LG00)\_(BJB\_47\_319\_2080)  
\_947.453lm@250mA\_P=9.342W\_I=0.250A



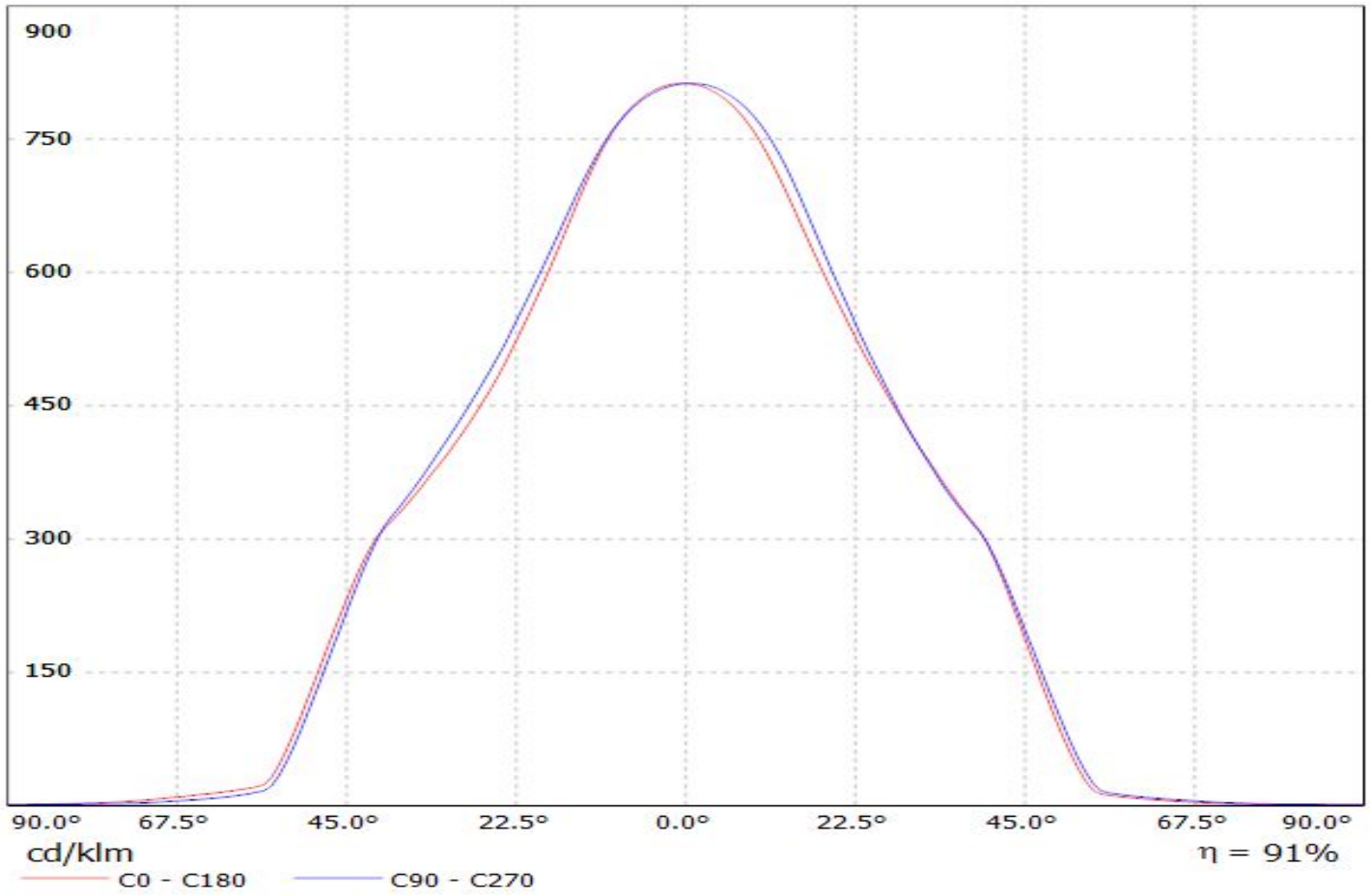


Luminaire: LEDiL Oy F13661\_ANGELINA-W-B\_(LG\_COB\_10W)

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



Luminaire: LEDiL Oy F13661\_ANGELINA-W-B\_(COB\_40W)  
Lamps: 1 x LG\_COB\_40W\_1163.31lm@250mA\_CCT=3000K\_P=8.04906W\_I=249.8mA

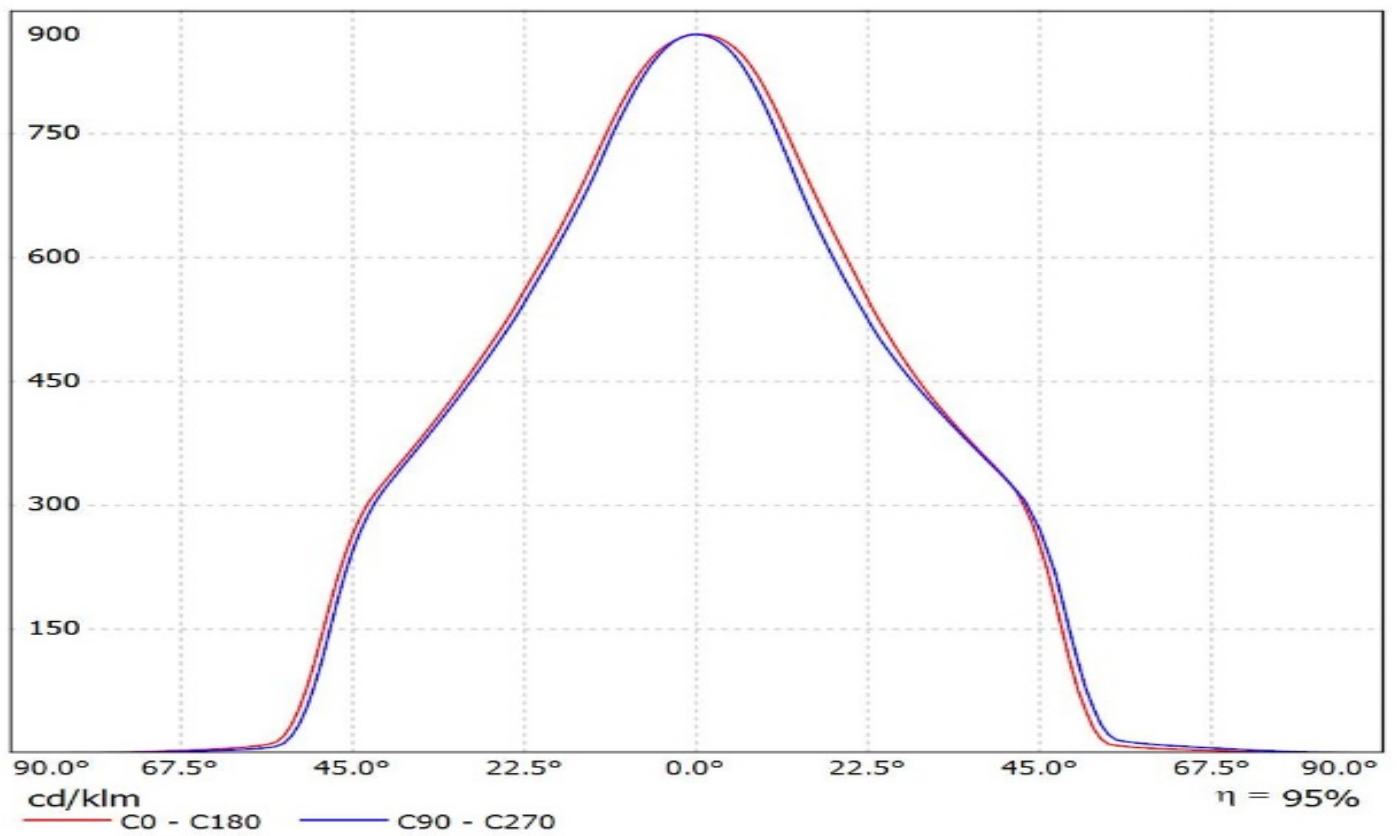


# Ledil F13661\_ANGELINA-W-B\_(Luxeon\_K16)\_(47\_319\_2070) / LDC (Linear)

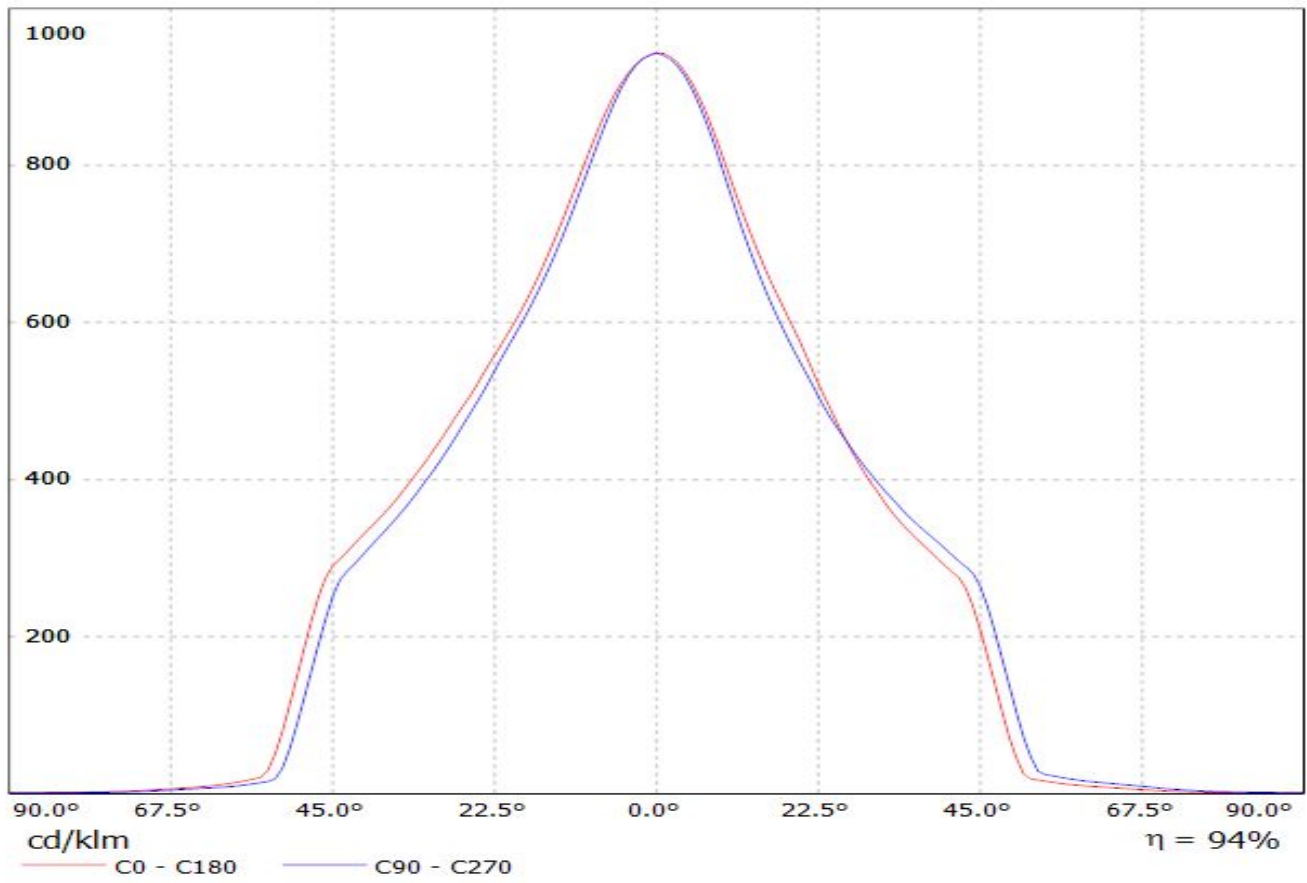
Luminaire: Ledil F13661\_ANGELINA-W-B\_(Luxeon\_K16)\_(47\_319\_2070)

Lamps: 1 x Philips\_Lumileds\_Luxeon\_K16\_(BJB.47.319.2070)

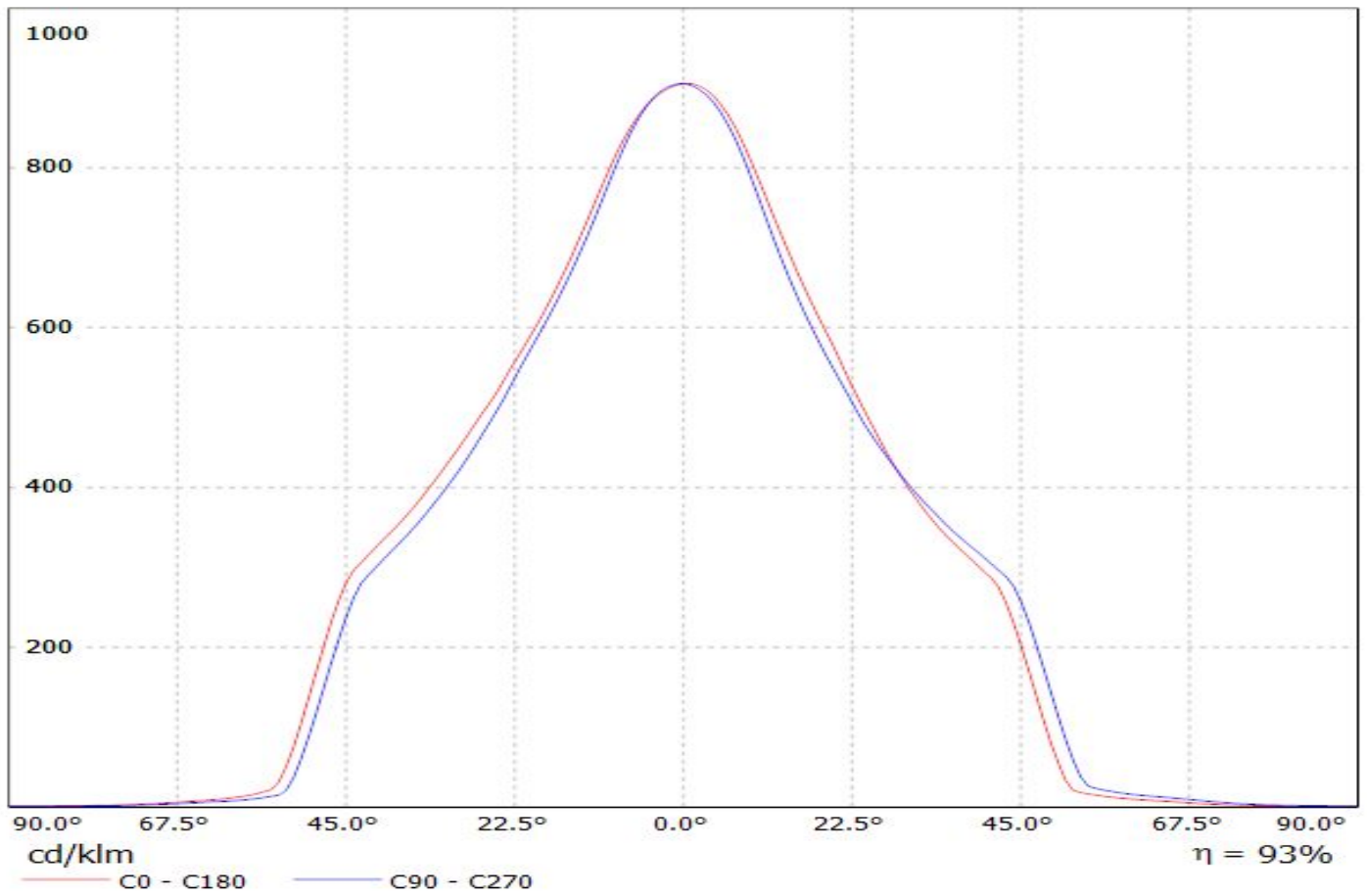
\_1276.25lm@250mA\_P=10.95525W\_I=0.250A



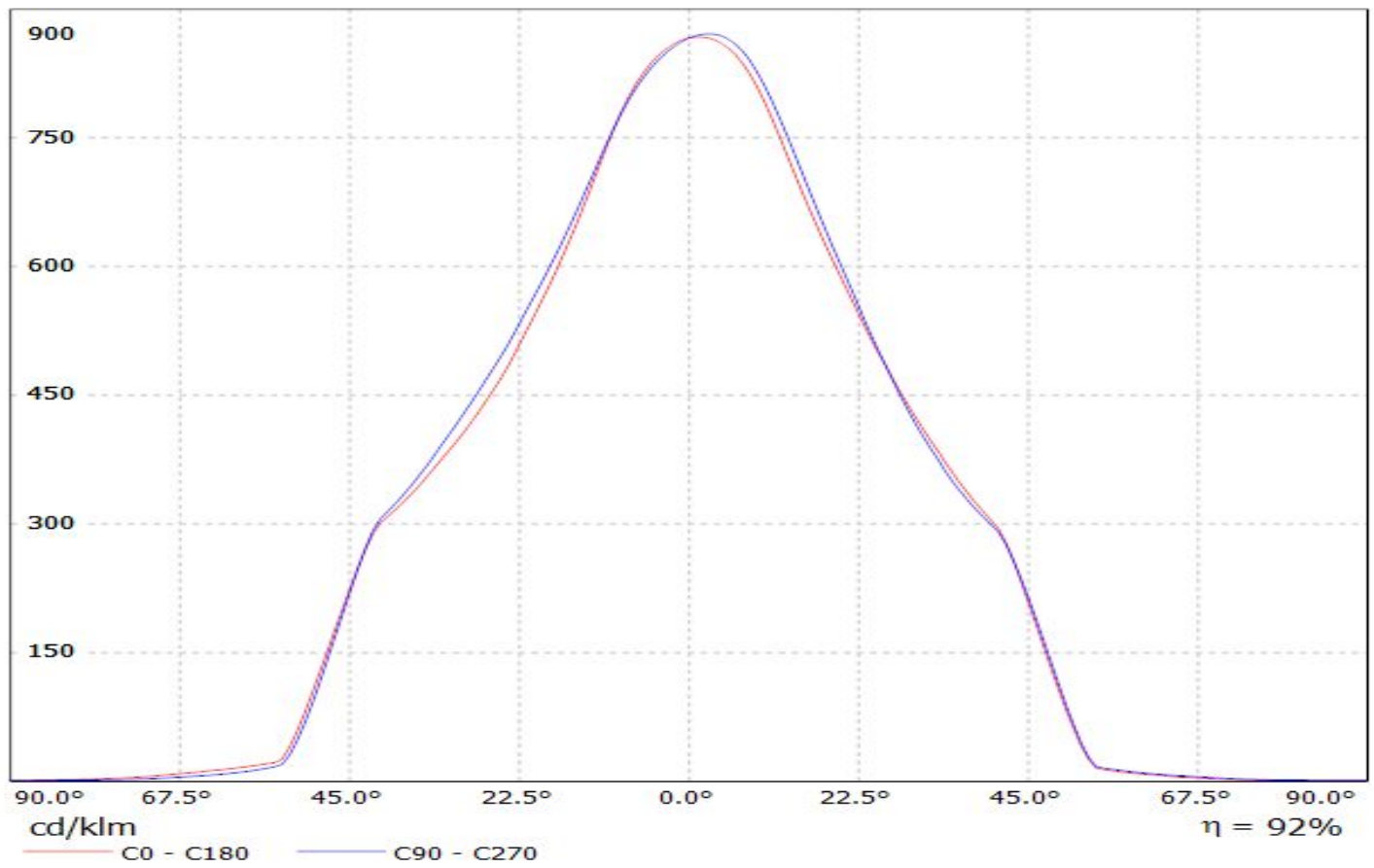
Luminaire: LEDiL Oy F13661\_ANGELINA-W-B (Luxeon\_CoB\_1205)  
Lamps: 1 x LUXEON\_COB\_1205\_(LHC1-3080-1205)\_1115lm@250mA\_CCT=3000K\_P=11.183W\_I=249.8mA



Luminaire: LEDiL Oy F13661\_ANGELINA-W-B\_(Luxeon\_CoB\_1208)  
Lamps: 1 x Luxeon\_CoB\_1208\_1057.71lm@250mA\_P=8.26438W\_I=249.8mA

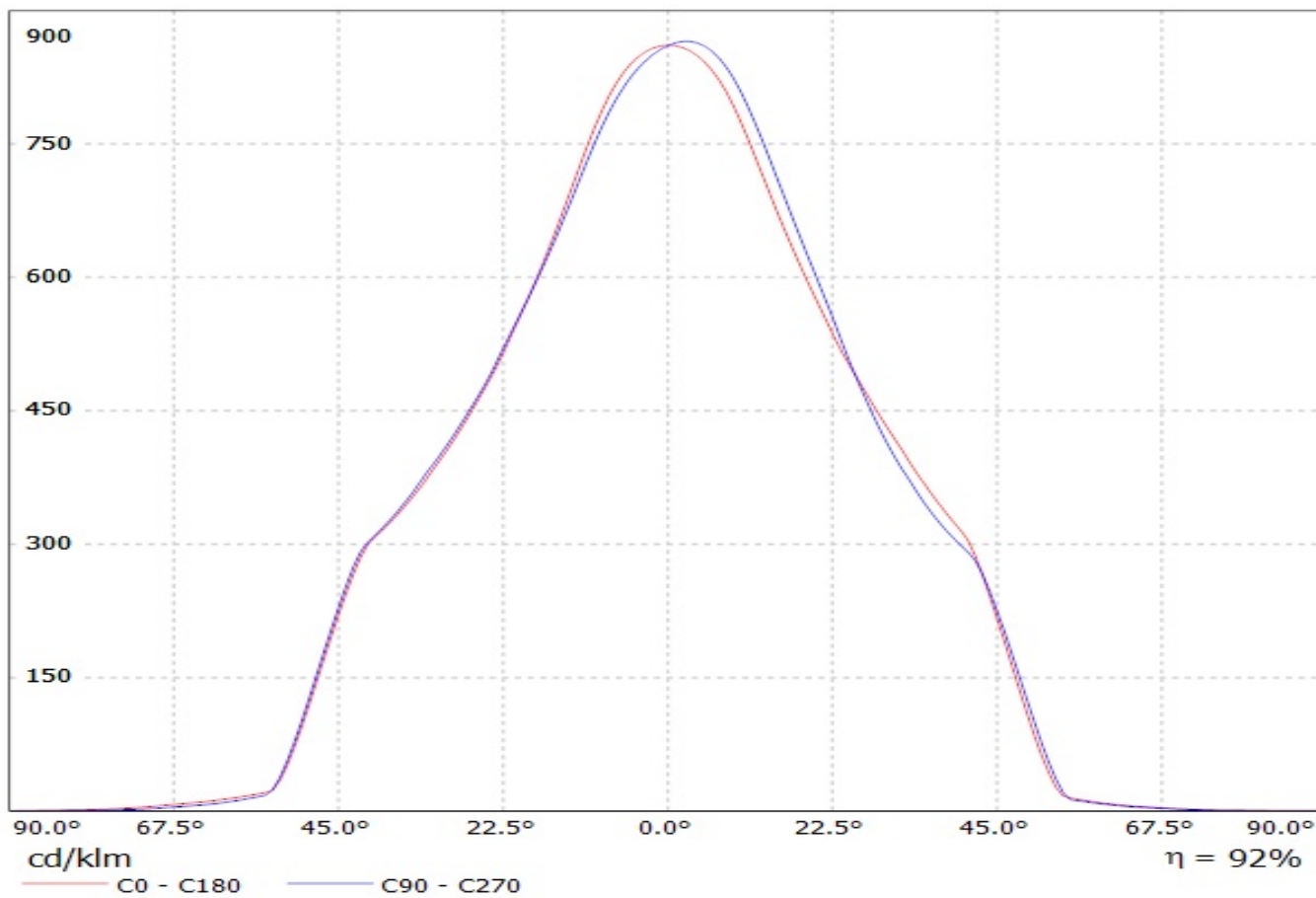


Luminaire: LEDiL Oy F13661\_ANGELINA-W-B\_(Luxeon\_CoB\_1211)  
Lamps: 1 x LUXEON\_COB\_1211\_(LHC1-2790-1211)  
\_923.583lm@250mA\_CCT=2700K\_P=8.00909W\_I=249.8mA



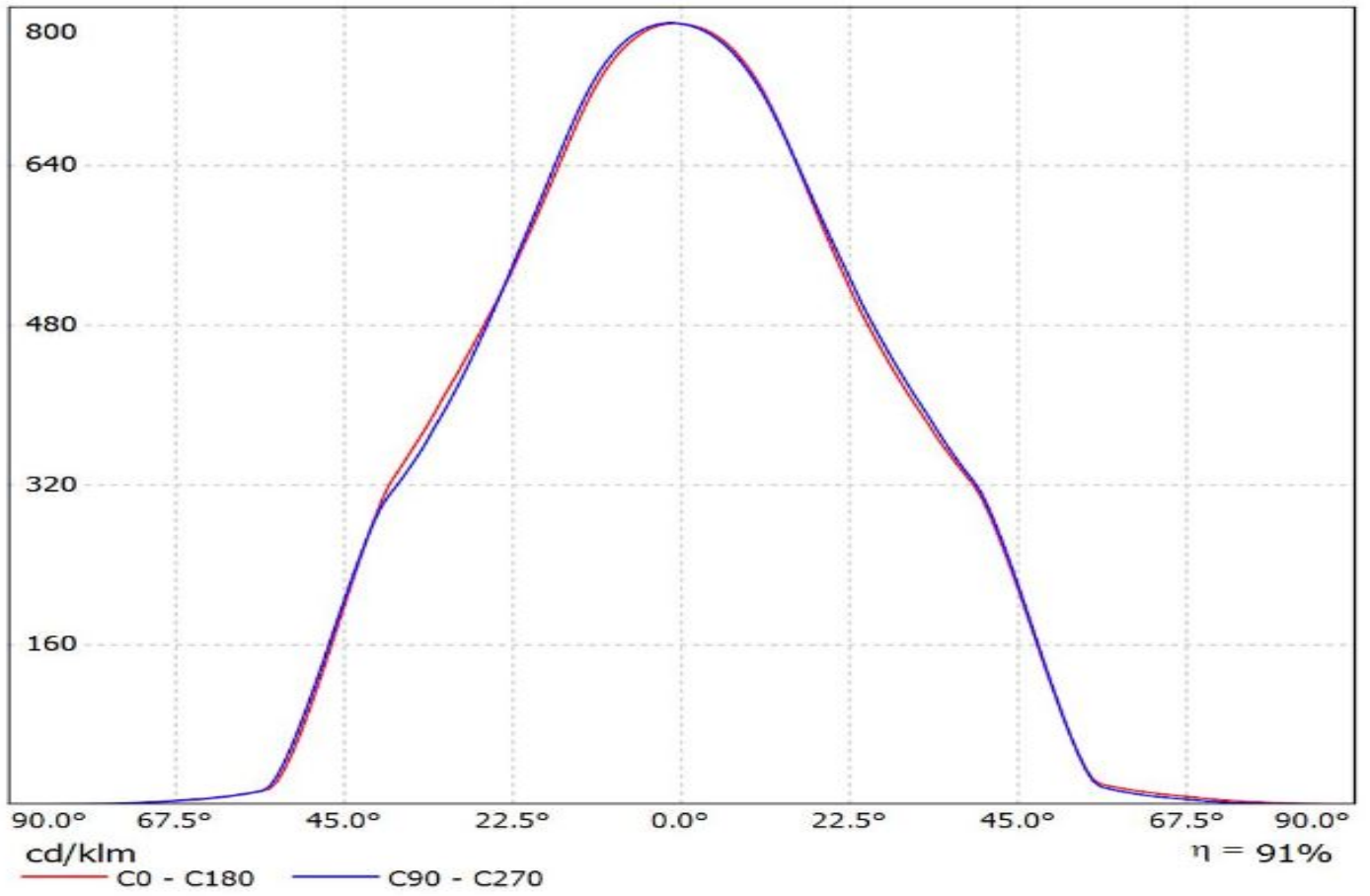
Luminaire: LEDiL Oy F13661\_ANGELINA-W-B\_(Luxeon\_CoB\_1211)\_(BJB2030)

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



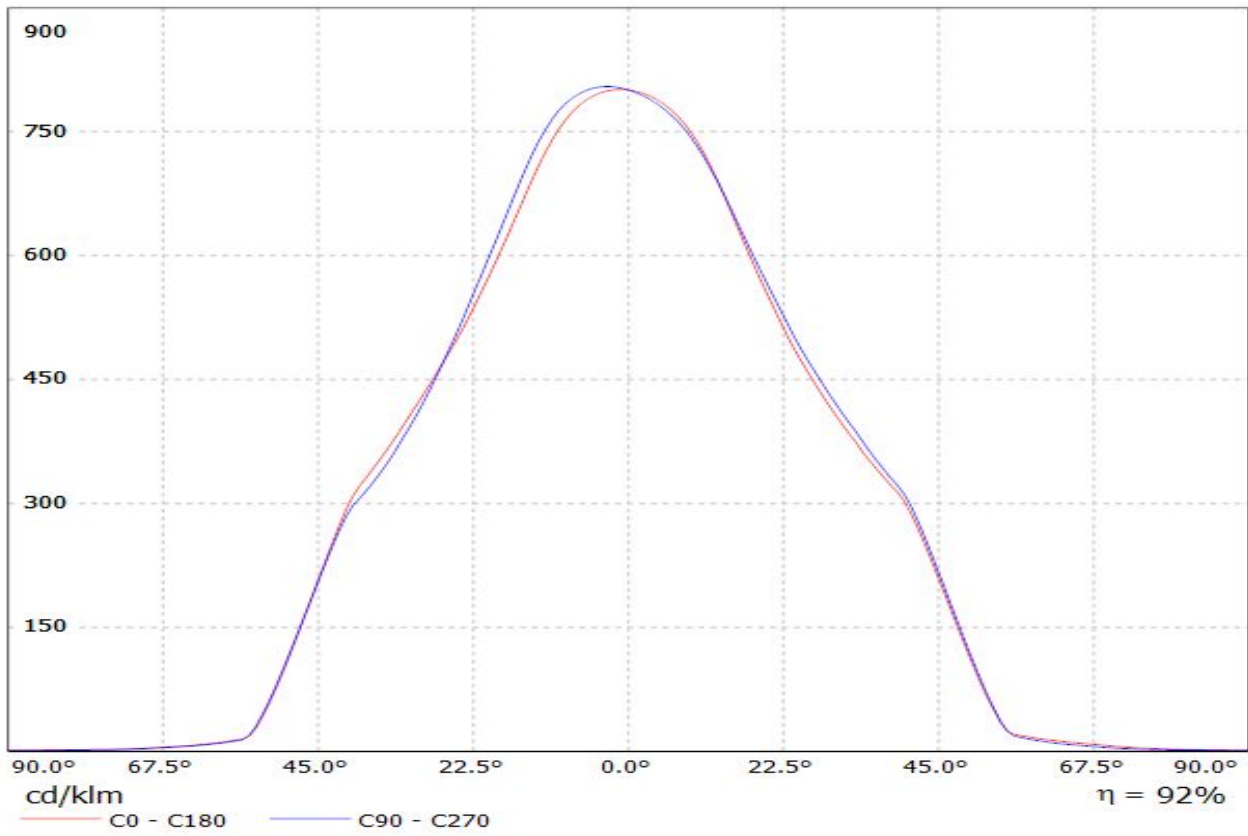
Luminaire: Ledil F13661\_ANGELINA-W-B\_(CoB\_1216)

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

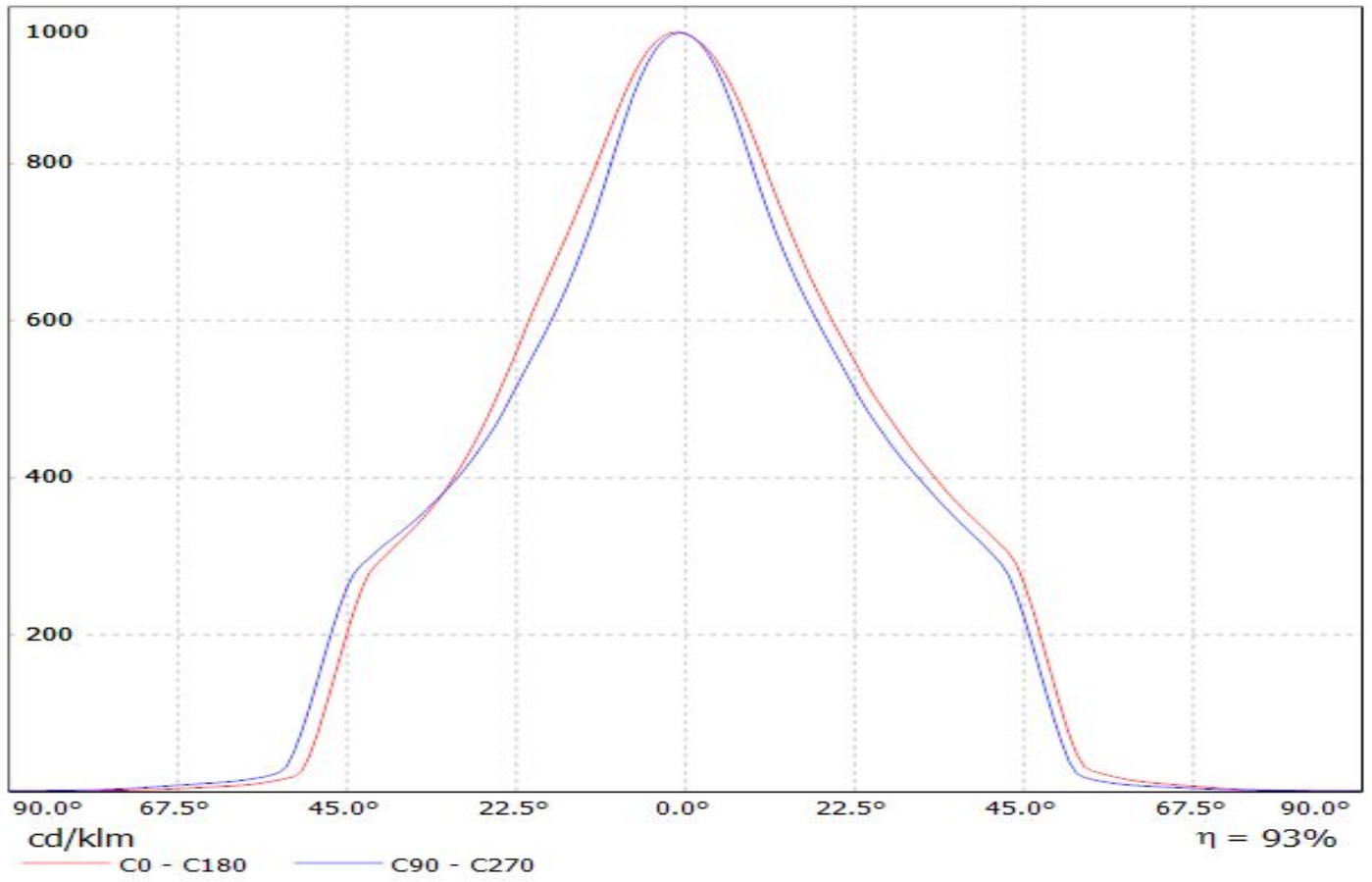




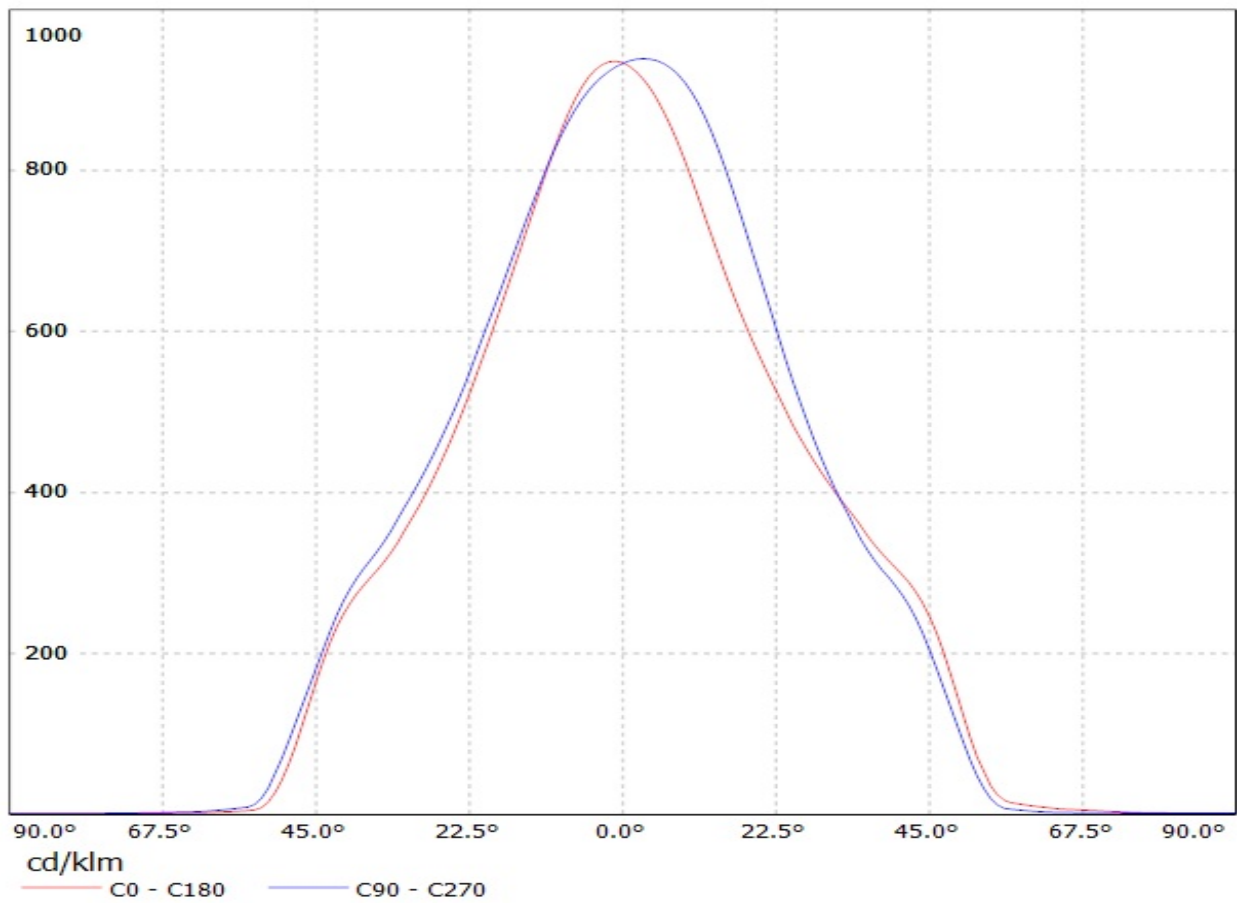
Luminaire: LEDiL Oy F13661\_ANGELINA-W-B\_(CXM-22) Eff 91.6%  
Lamps: 1 x LUMINUS\_CXM-22\_1221.8lm@250mA\_P=8.00809W\_CCT=3000K\_I=249.8mA



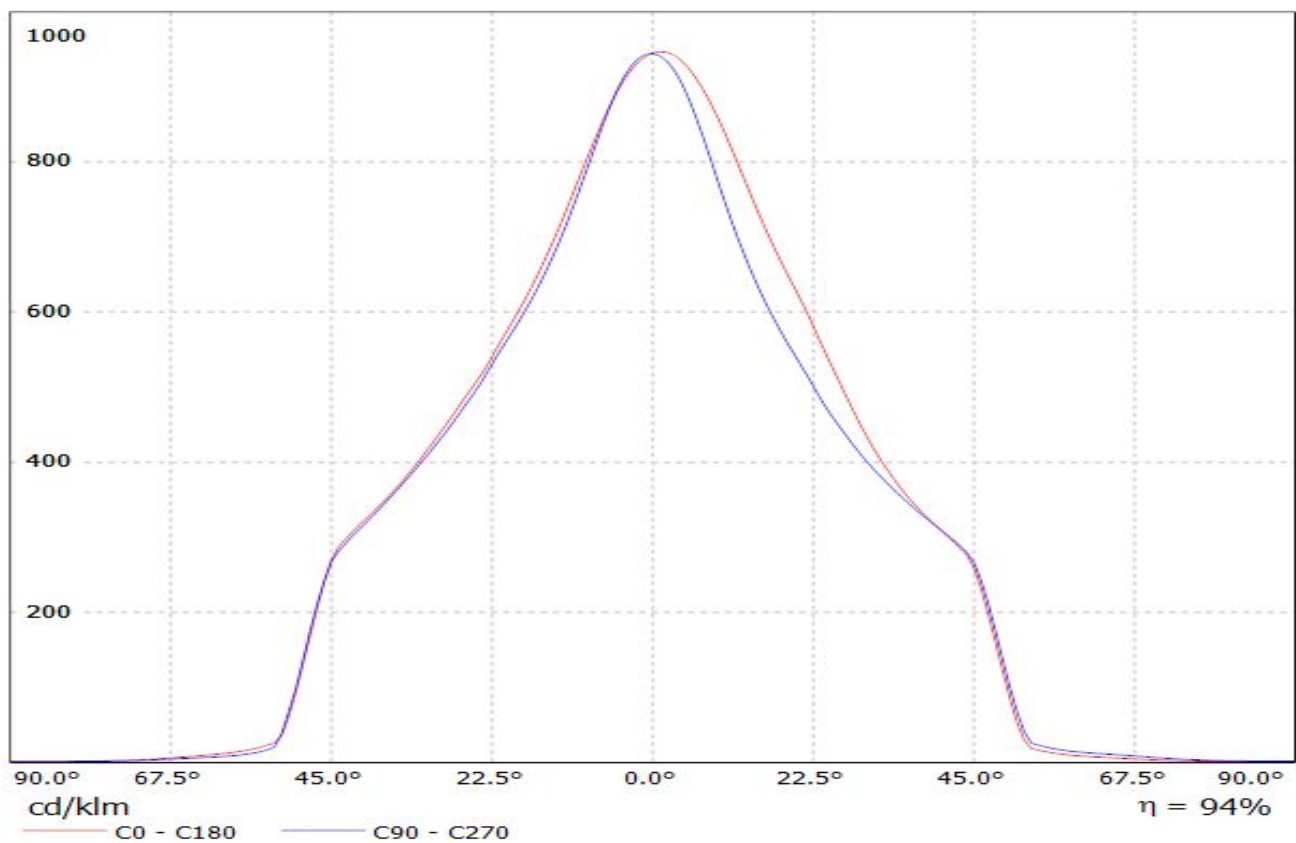
Luminaire: LEDiL Oy F13661\_ANGELINA-W-B\_(CXM-14)  
Lamps: 1 x LUMINUS\_XNOVA\_CXM-14\_(AC00)  
\_1049.18lm@250mA\_CCT=3126K\_P=8.31834W\_I=249.8mA



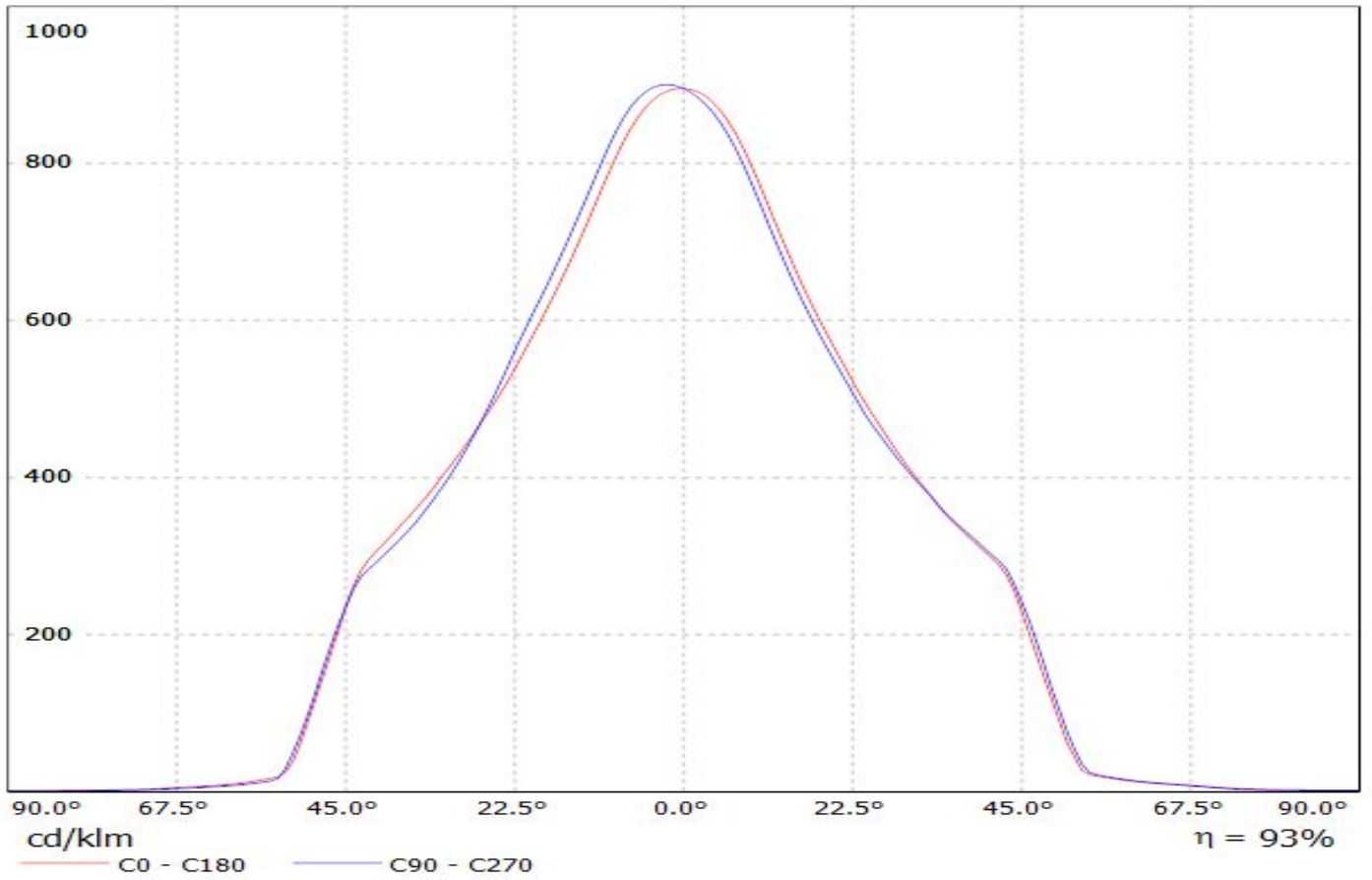
Luminaire: LEDiL Oy C13661\_ANGELINA-W-B\_(Soleriq-E30) Eff: 90%  
Lamps: 1 x Osram Soleriq E30 (QW KAJRB2.EM-TPTR-50H4) 1358.6lm@250mA\_P=10.2338W\_I=0.2498mA



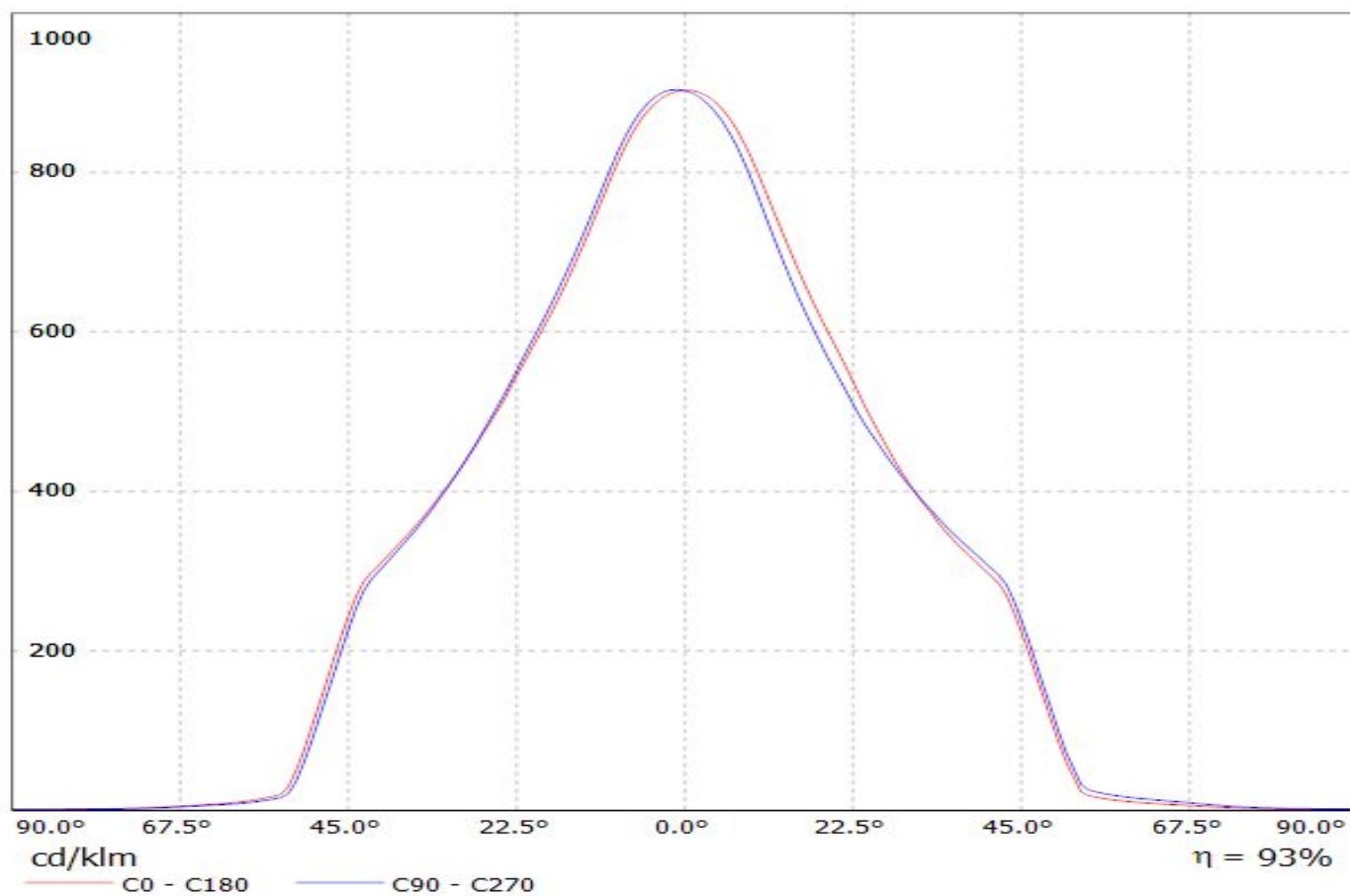
Luminaire: LEDiL Oy F13661\_ANGELINA-W-B\_(Soleriq\_S13) Eff.94.0%  
Lamps: 1 x Osram\_Soleriq\_S13\_825.418lm@250mA\_CCT=3125K\_P=7.33663W\_I=249.8mA



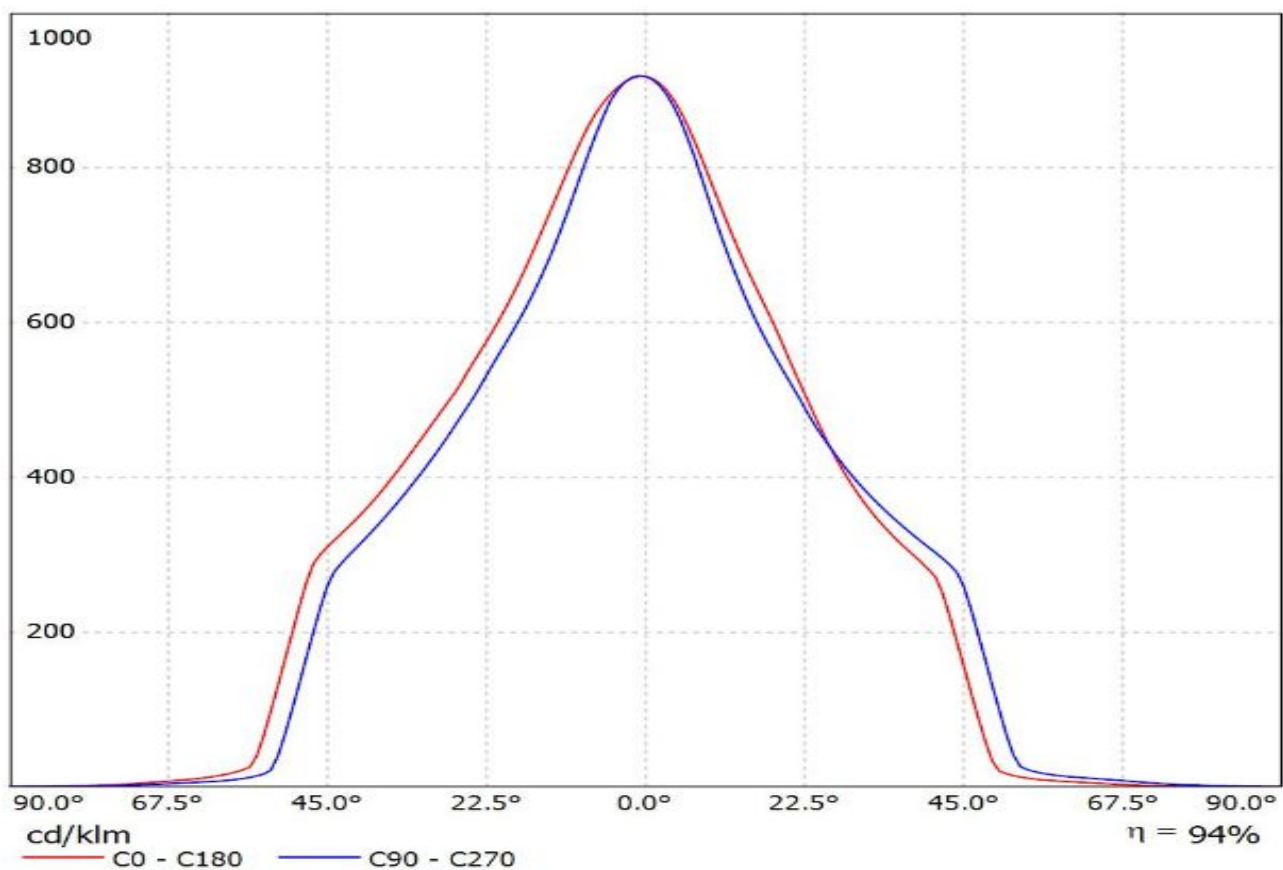
Luminaire: LEDiL Oy F13661\_ANGELINA-W-B\_(Soleriq S19) Eff.90.0%  
Lamps: 1 x OSRAM\_SOLERIQ\_S19\_(GW\_KAHJB1.EM)  
\_1445.44lm@250mA\_CCT=3000K\_P=10.558W\_I=249.8mA



Luminaire: LEDiL Oy F13661\_ANGELINA-W-B\_(S19) Eff.93.0%  
Lamps: 1 x Osram\_SOLERIQ\_S19\_1434.85lm@250mA\_P=10.5595W\_I=249.8mA

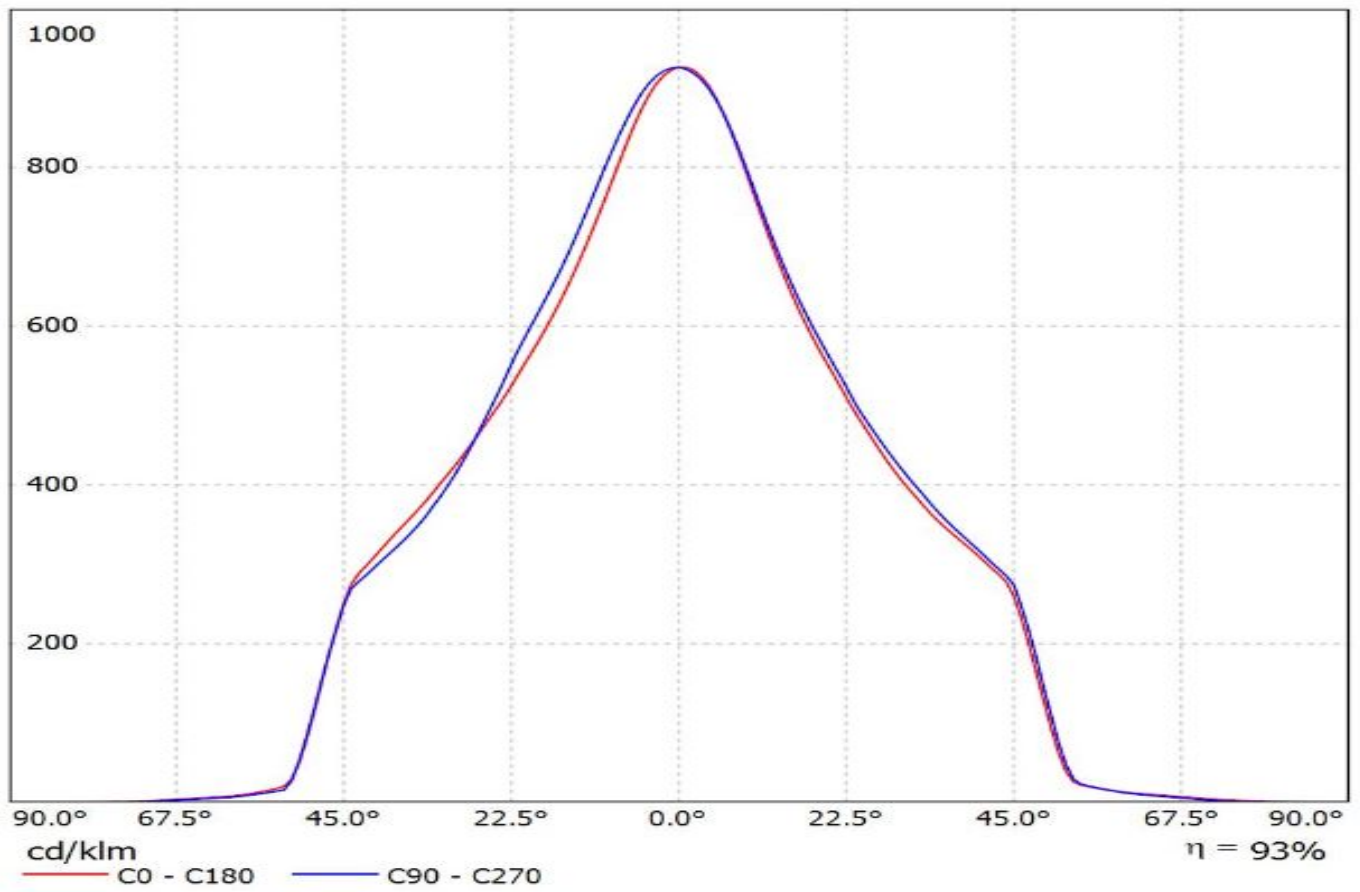


Luminaire: LEDiL Oy F13661\_ANGELINA-W-B\_(SOLERIQ\_P13) Eff.93.6%  
Lamps: 1 x SOLERIQ\_P13\_(GW\_MAGMB1.EM)\_1053.65lm@250mA\_CCT=3000K\_P=8.82044W\_I=249.8mA

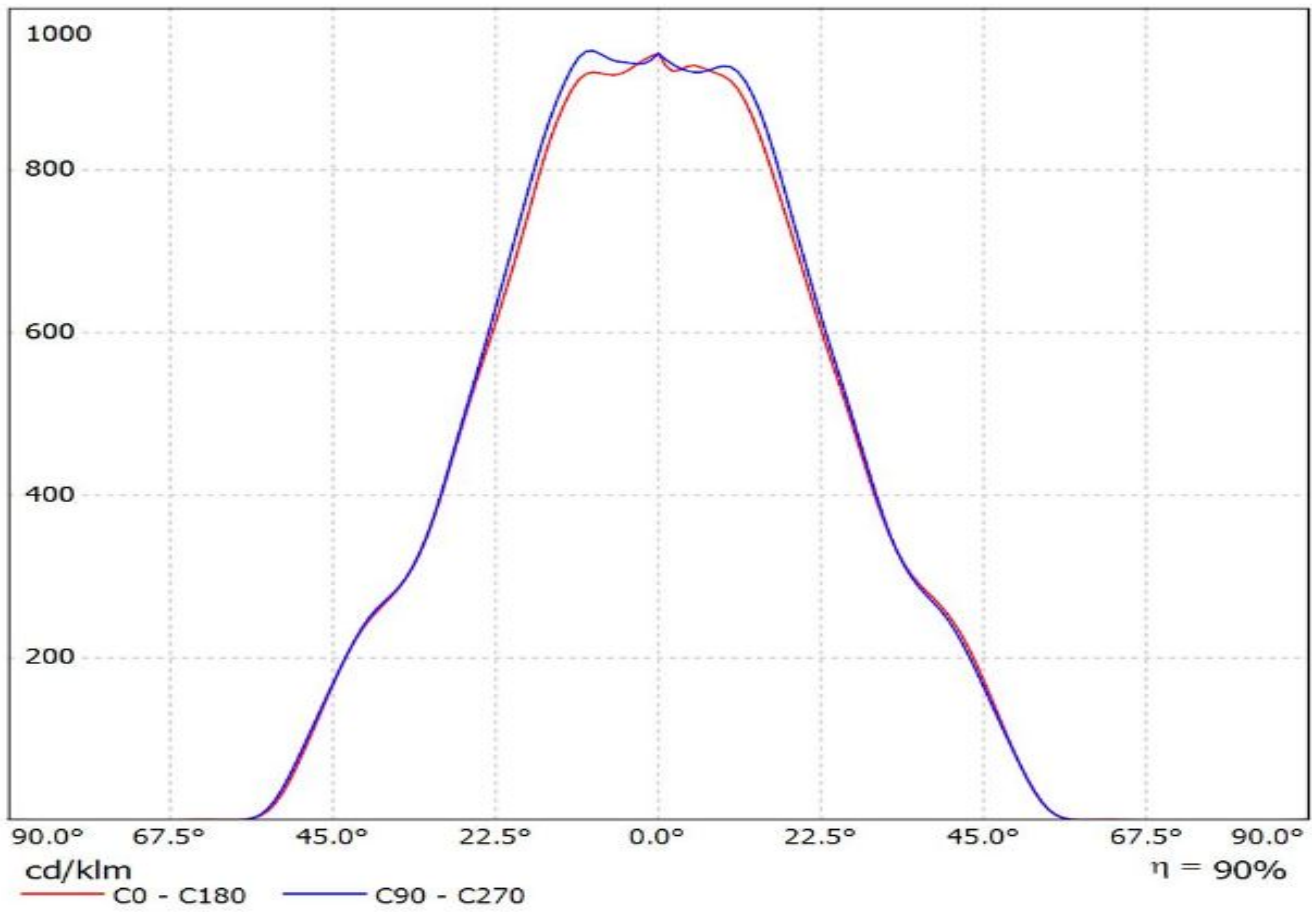


Luminaire: Ledil F13661\_ANGELINA-W-B\_(Soleriq\_S13\_G2)

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

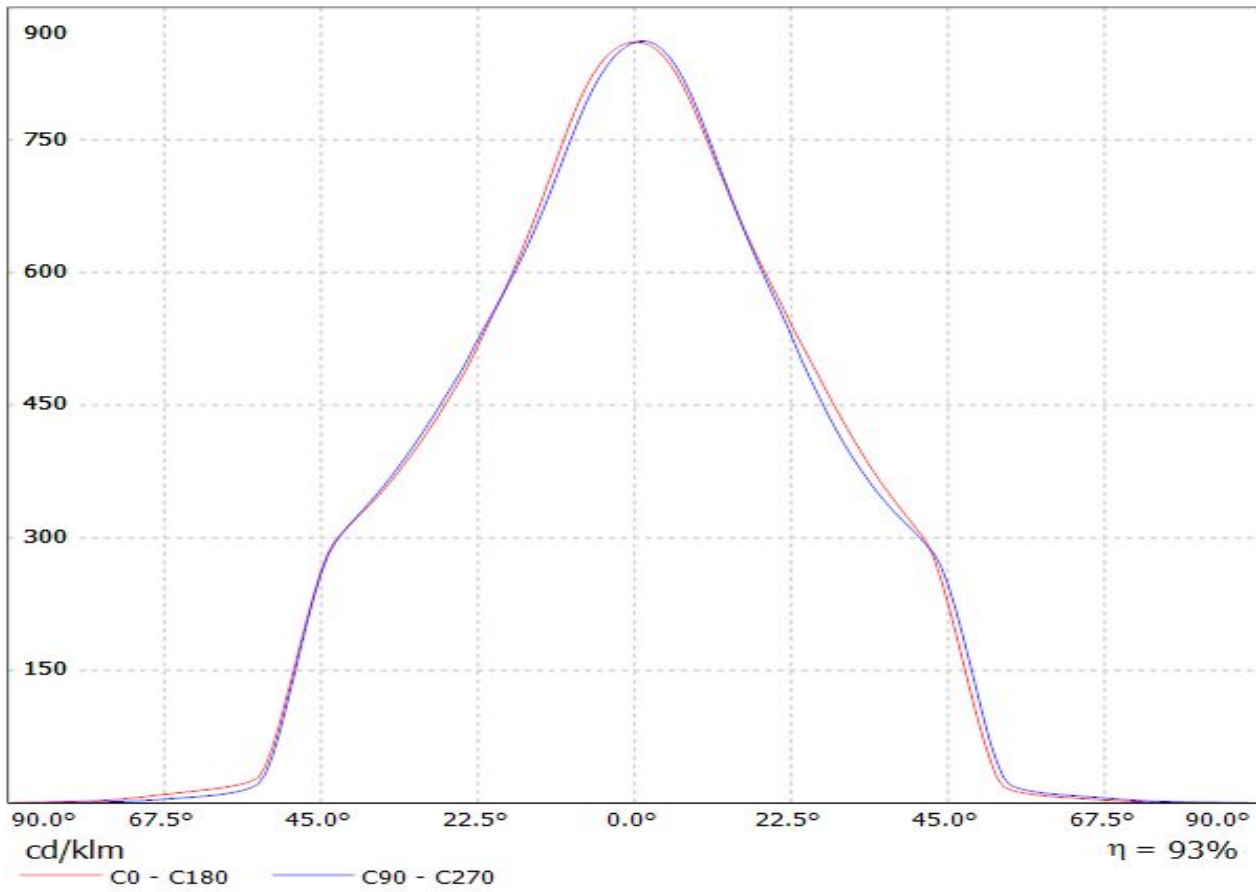






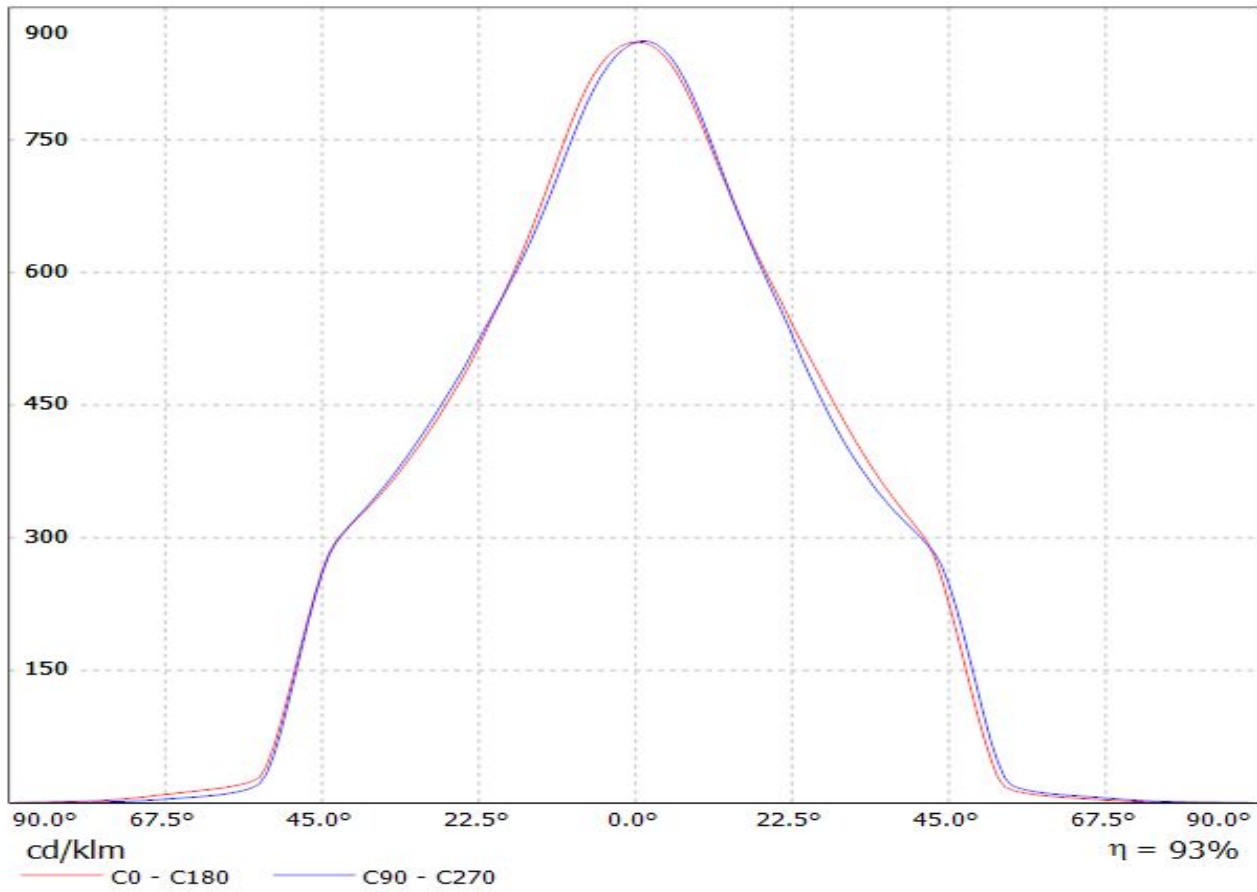
Luminaire: LEDiL Oy F13661\_ANGELINA-W-B\_(COB\_D\_14,5mm)

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

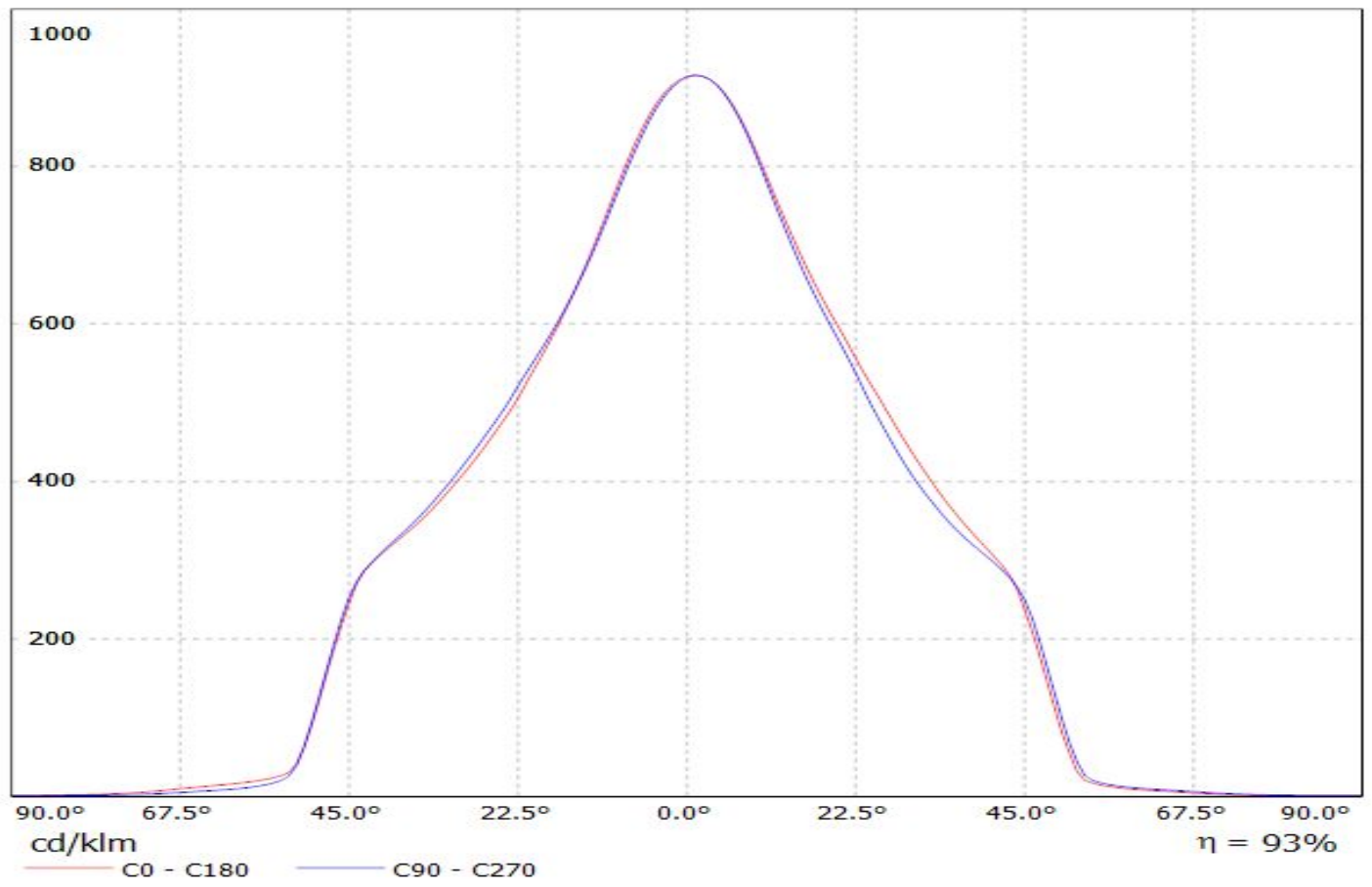


Luminaire: LEDiL Oy F13661\_ANGELINA-W-B\_(COB\_D\_14,5mm)

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

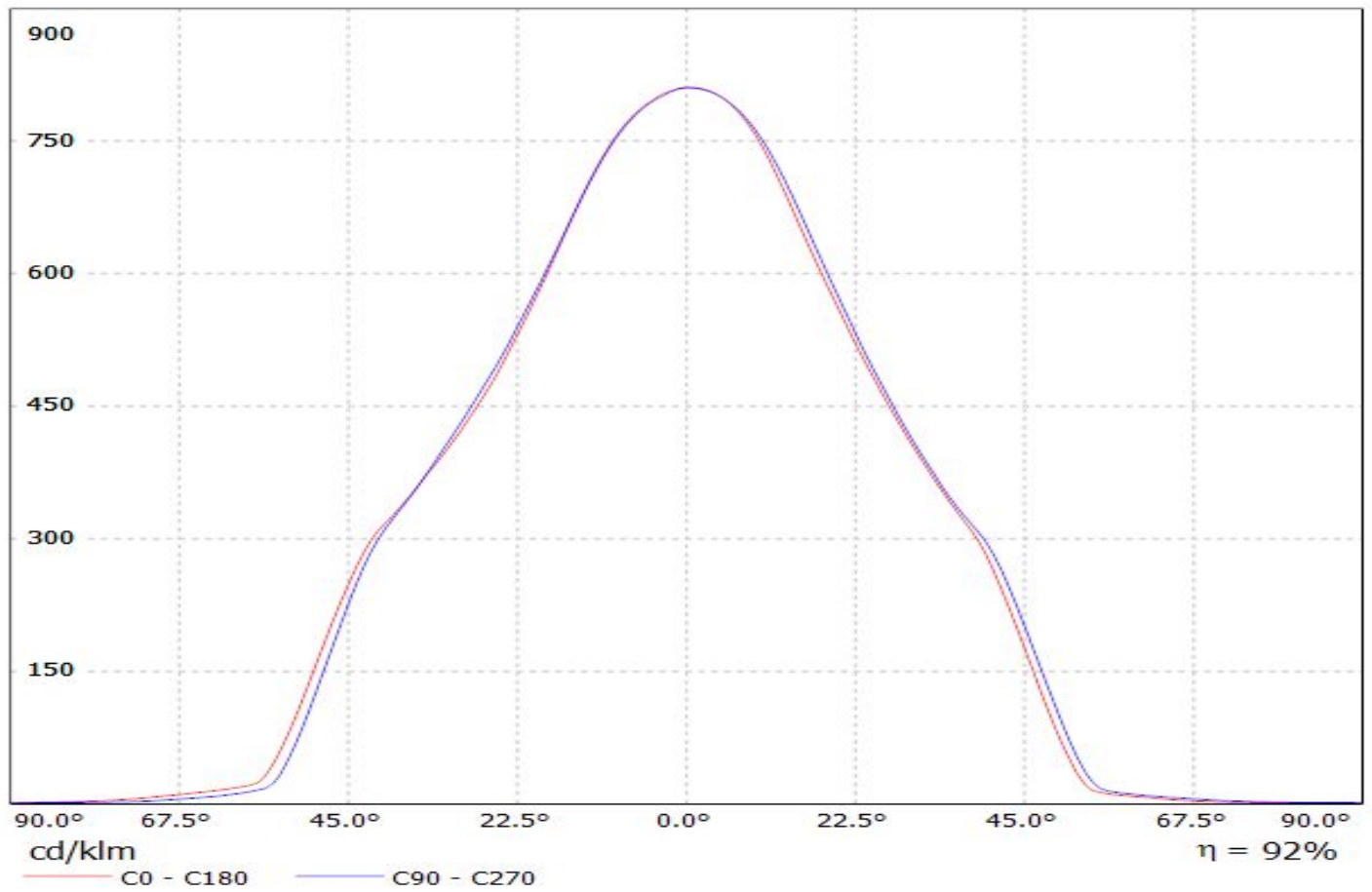


Luminaire: LEDiL Oy F13661\_ANGELINA-W-B\_(ZC12)  
Lamps: 1 x SEOUL\_ZC12\_(SDW82F1C)\_1240.73lm@250mA\_P=8.68405W\_I=249.8mA

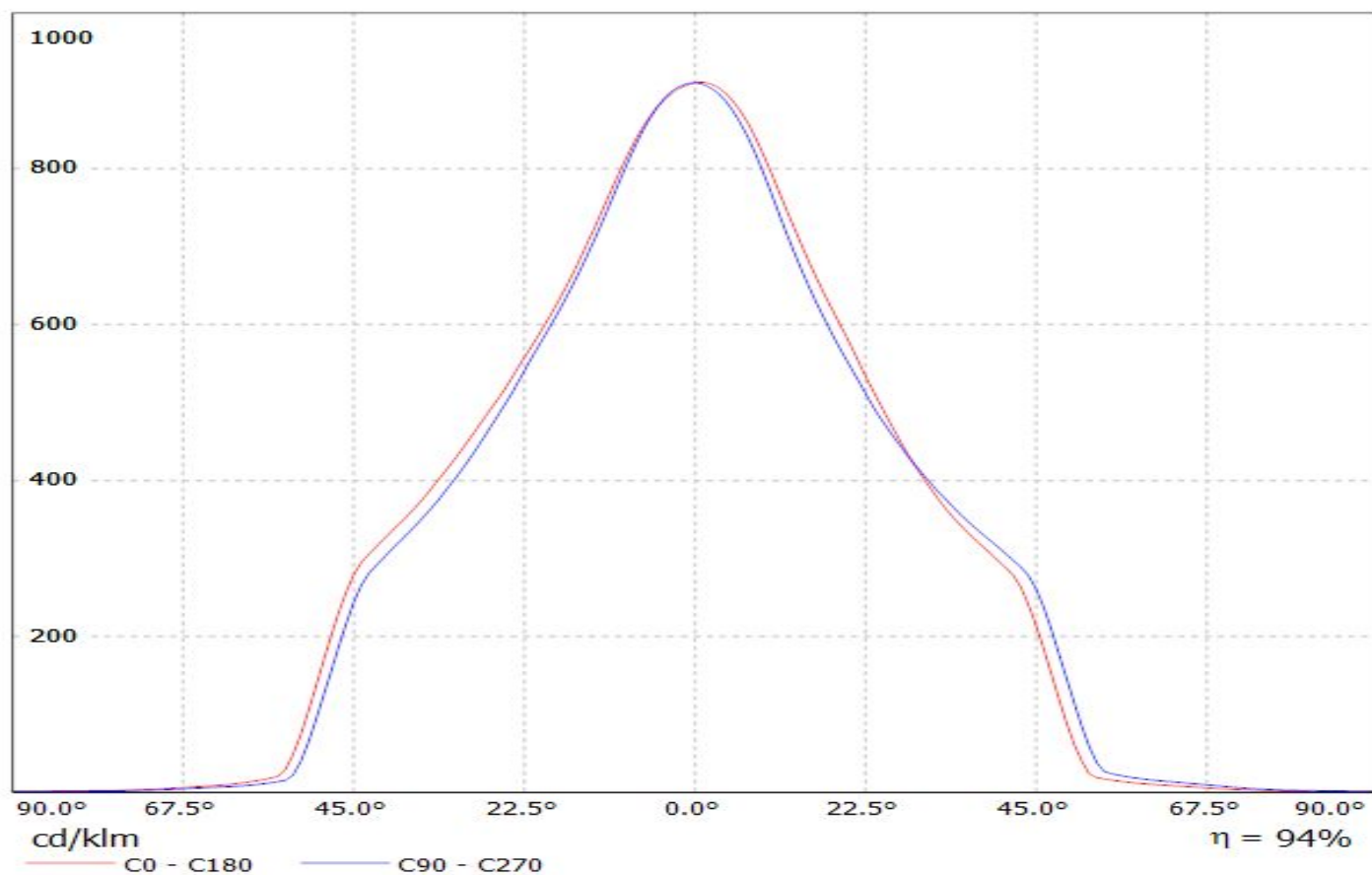


Luminaire: LEDiL Oy F13661\_ANGELINA-W-B\_(ZC40)

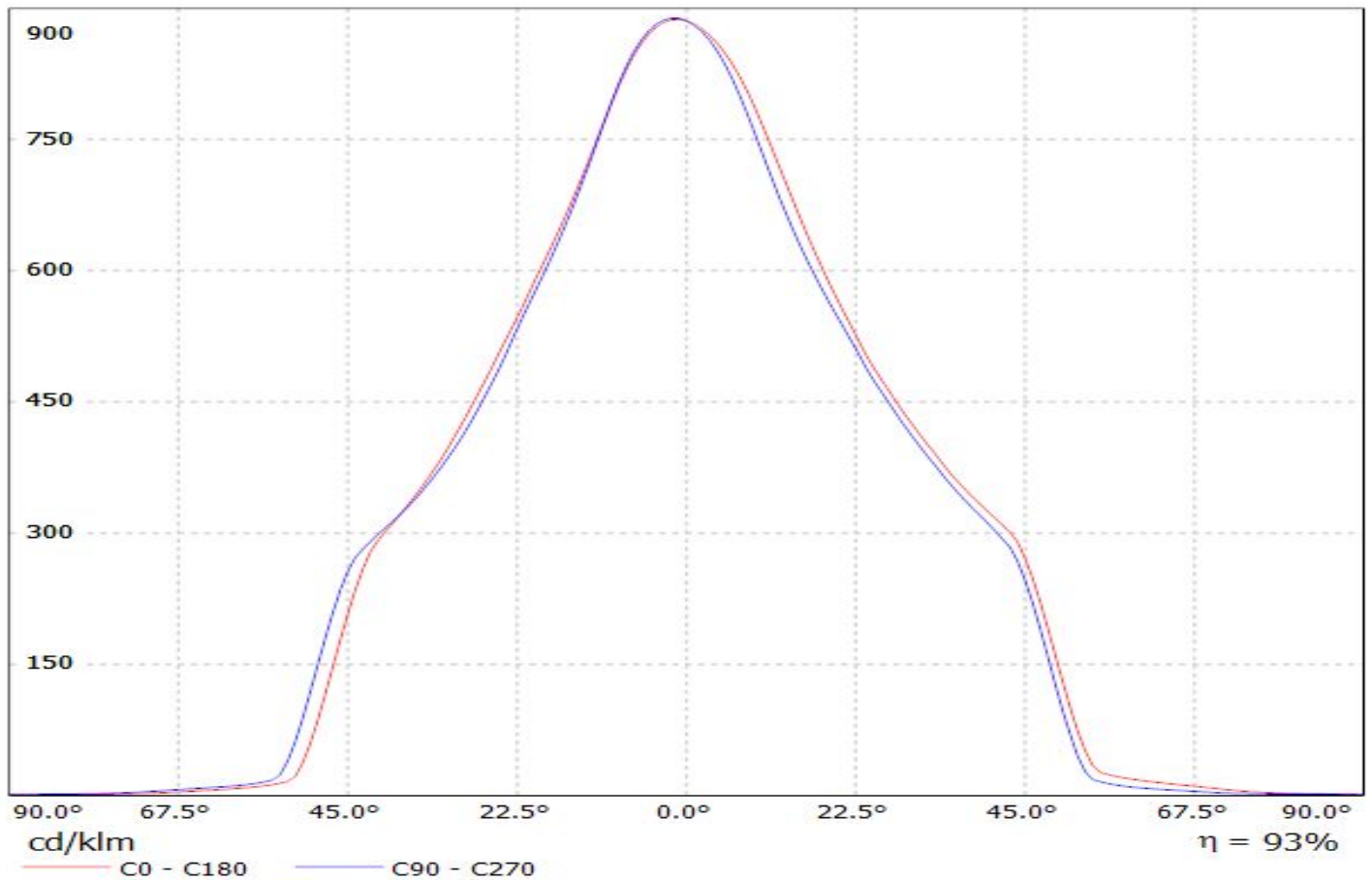
Lamps: 1 x SEOUL\_ZC40\_(SBWW5F1B)\_1185.55lm@250mA\_P=8.2384W\_I=249.8mA



Luminaire: LEDiL Oy F13661\_ANGELINA-W-B (MegaZenigata\_GW6)  
Lamps: 1 x Sharp\_MegaZenigata\_GW6\_(GW6DME30NFC)  
\_1266.19lm@250mA\_CCT=3038K\_P=11.2151W\_I=250.6mA

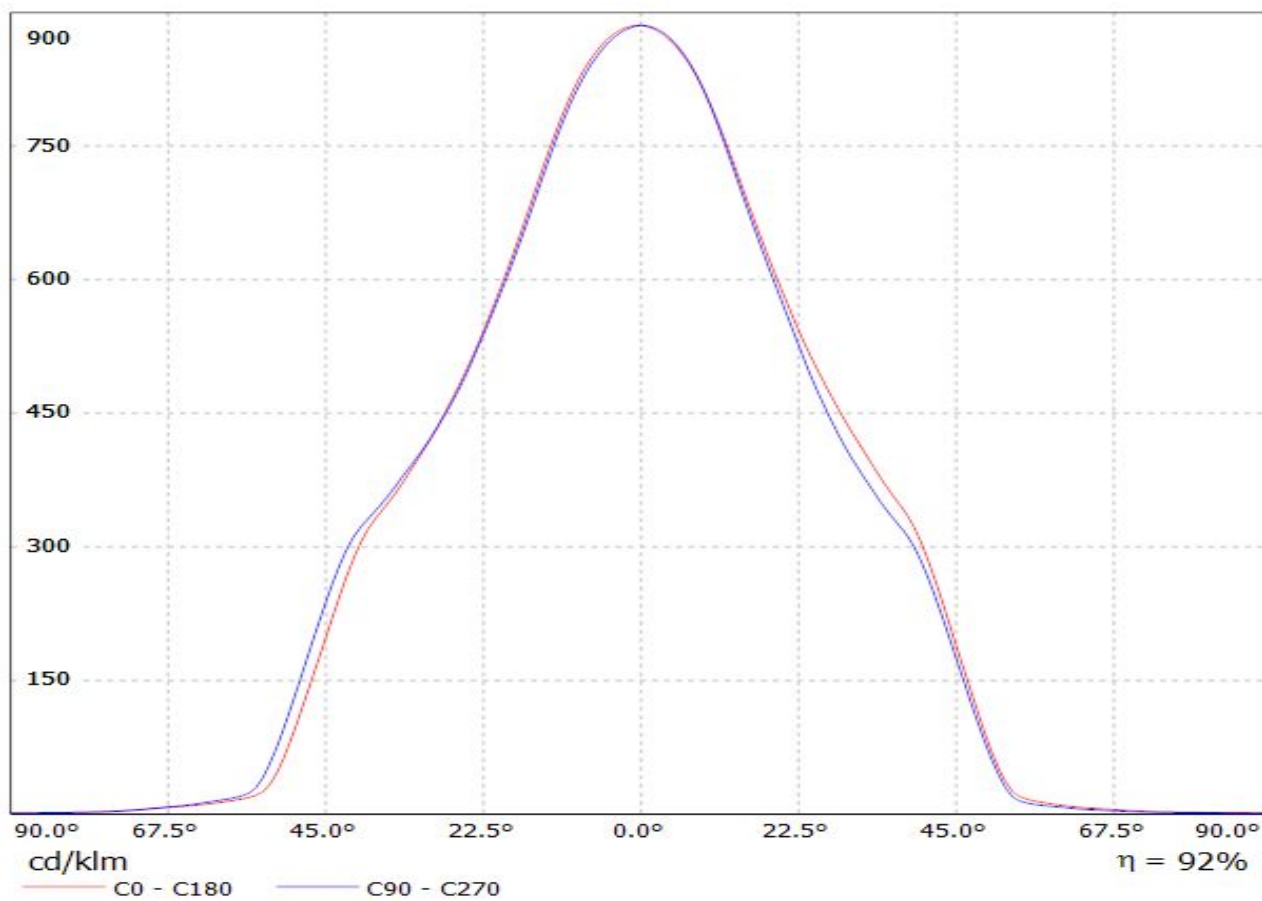


Luminaire: LEDiL Oy F13661\_ANGELINA-W-B\_(STARK\_SLE\_G3\_LES17)  
Lamps: 1 x TRIDONIC\_STARK\_SLE\_G3\_LES17\_(STARK-SLE-PURE\_G3-17-2000-840-CLA)  
\_1030.26lm@250mA\_CCT=2000K\_P=8.34707W\_I=249.8mA



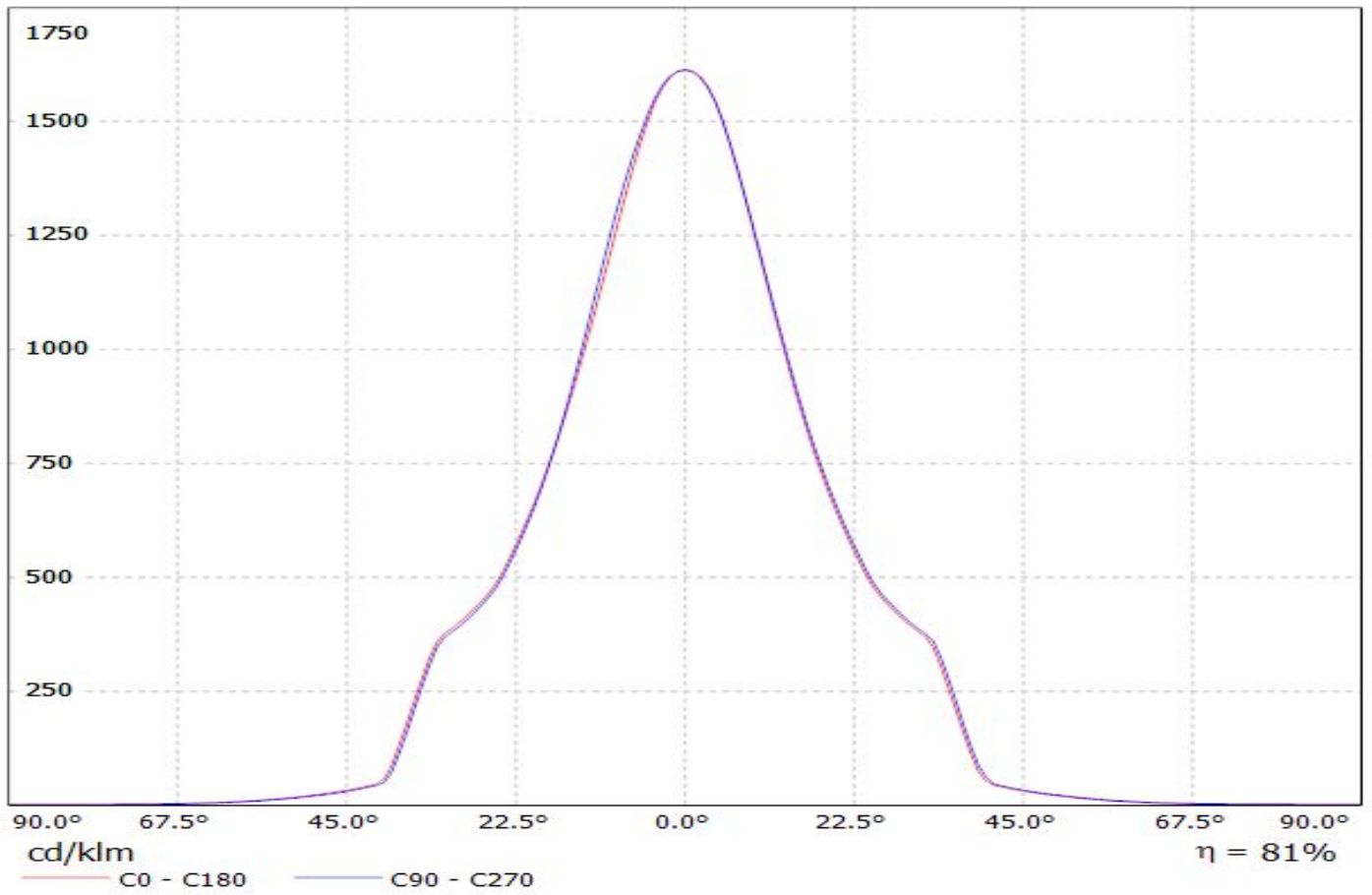
Luminaire: LEDiL Oy F13661\_ANGELINA-W-B\_(SLE G4 LES23)

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

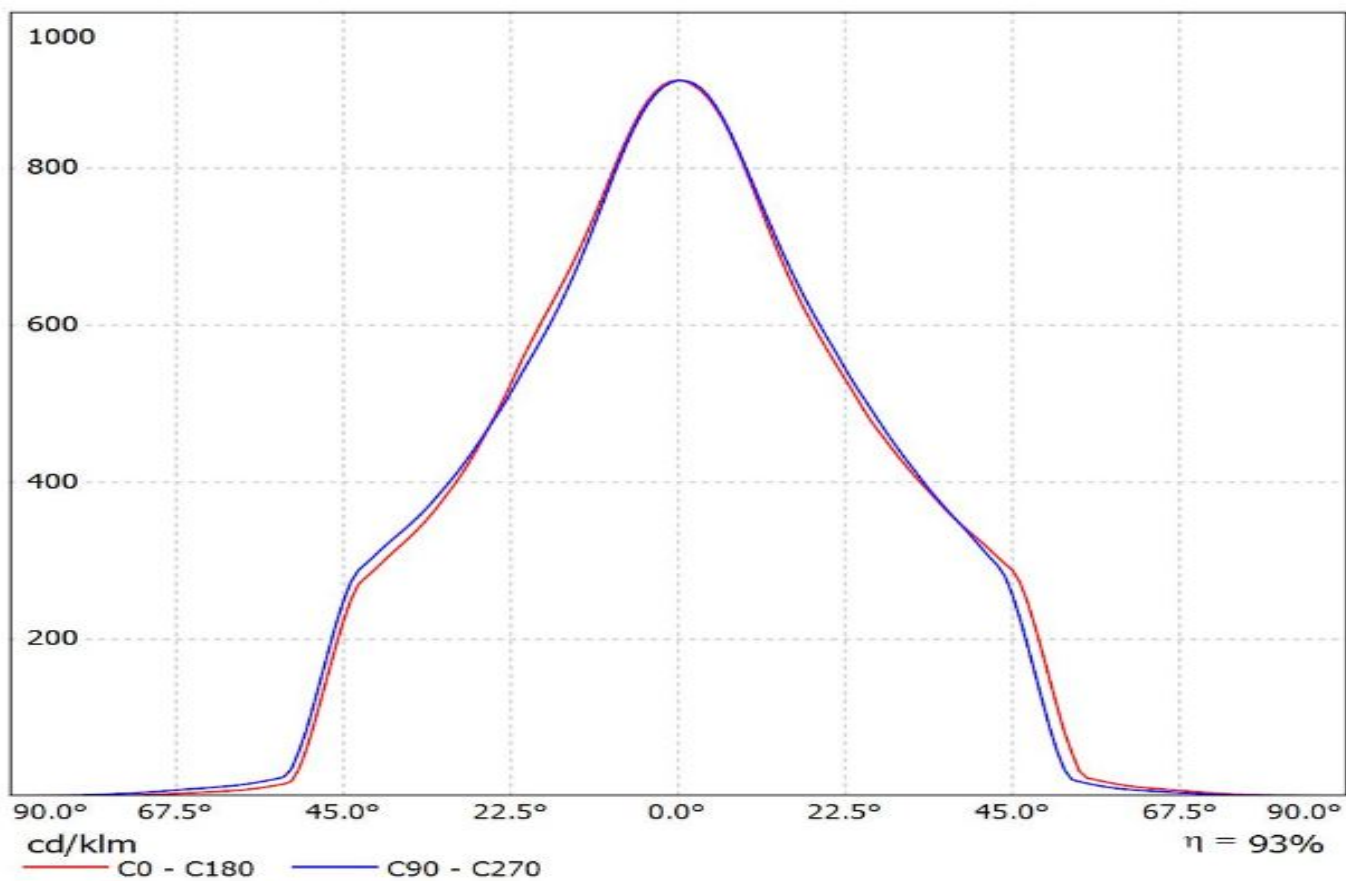




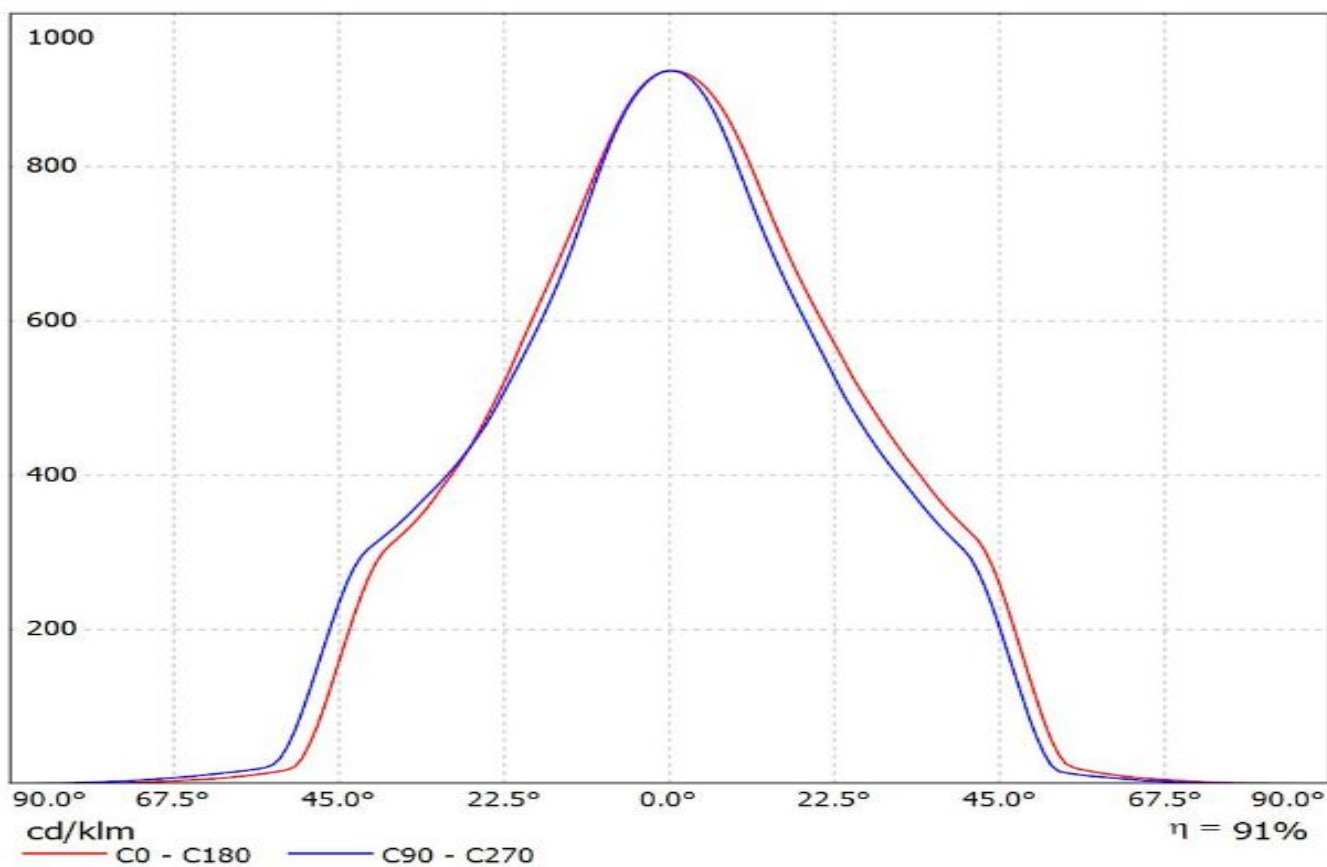
Luminaire: LEDiL Oy F13661\_ANGELINA-W-B\_(SLE GEN4 LES19)  
Lamps: 1 x SLE GEN4 LES19\_1227.01lm@250mA\_P=8.21492W\_I=0.2498A



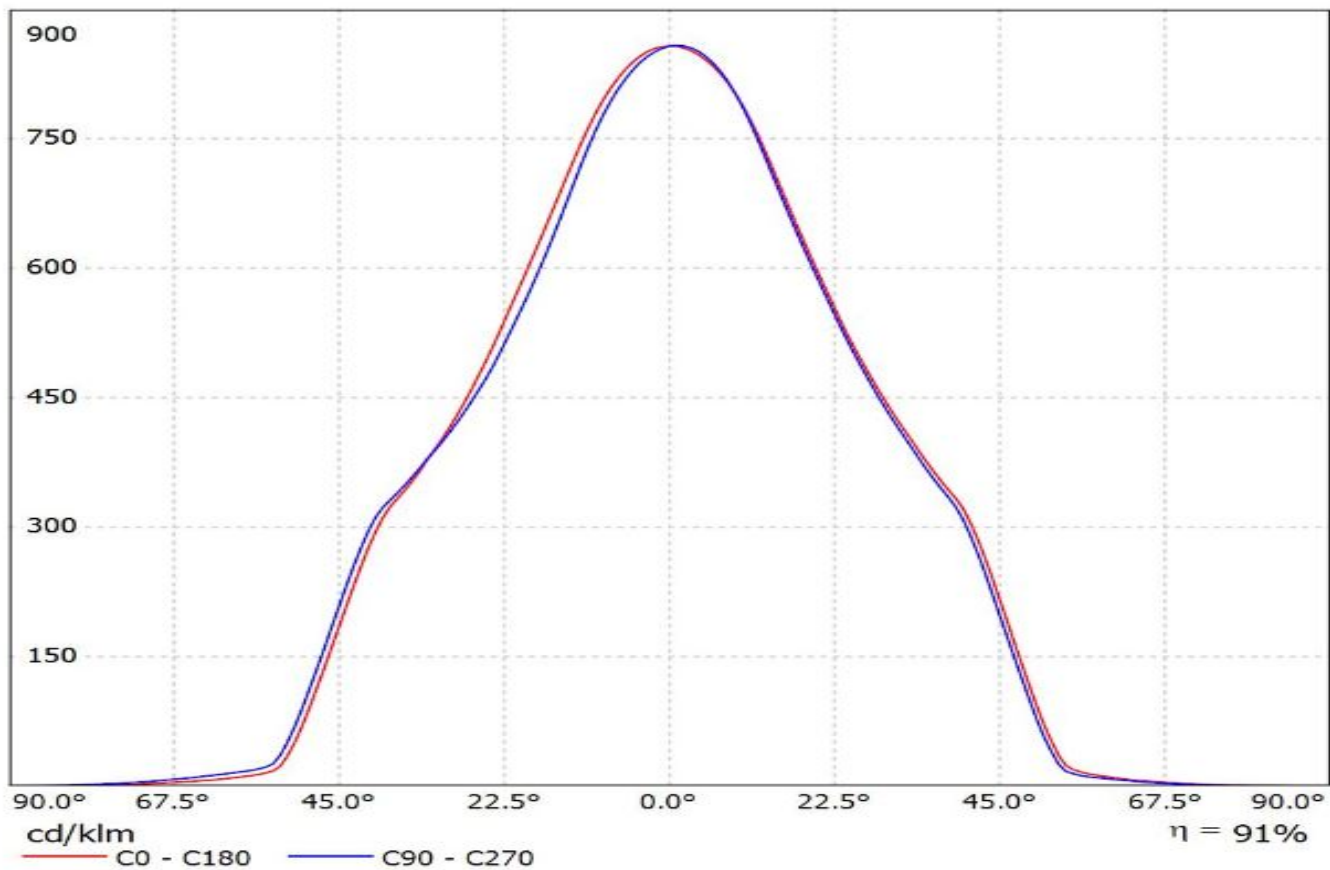
Luminaire: LEDiL Oy F13661\_ANGELINA-W-B\_(SLE-G5\_LES-15)  
Lamps: 1 x Tridonic\_SLE-G5\_LES-15\_1272.36lm@250mA\_P=8.6660W\_I=0.250A



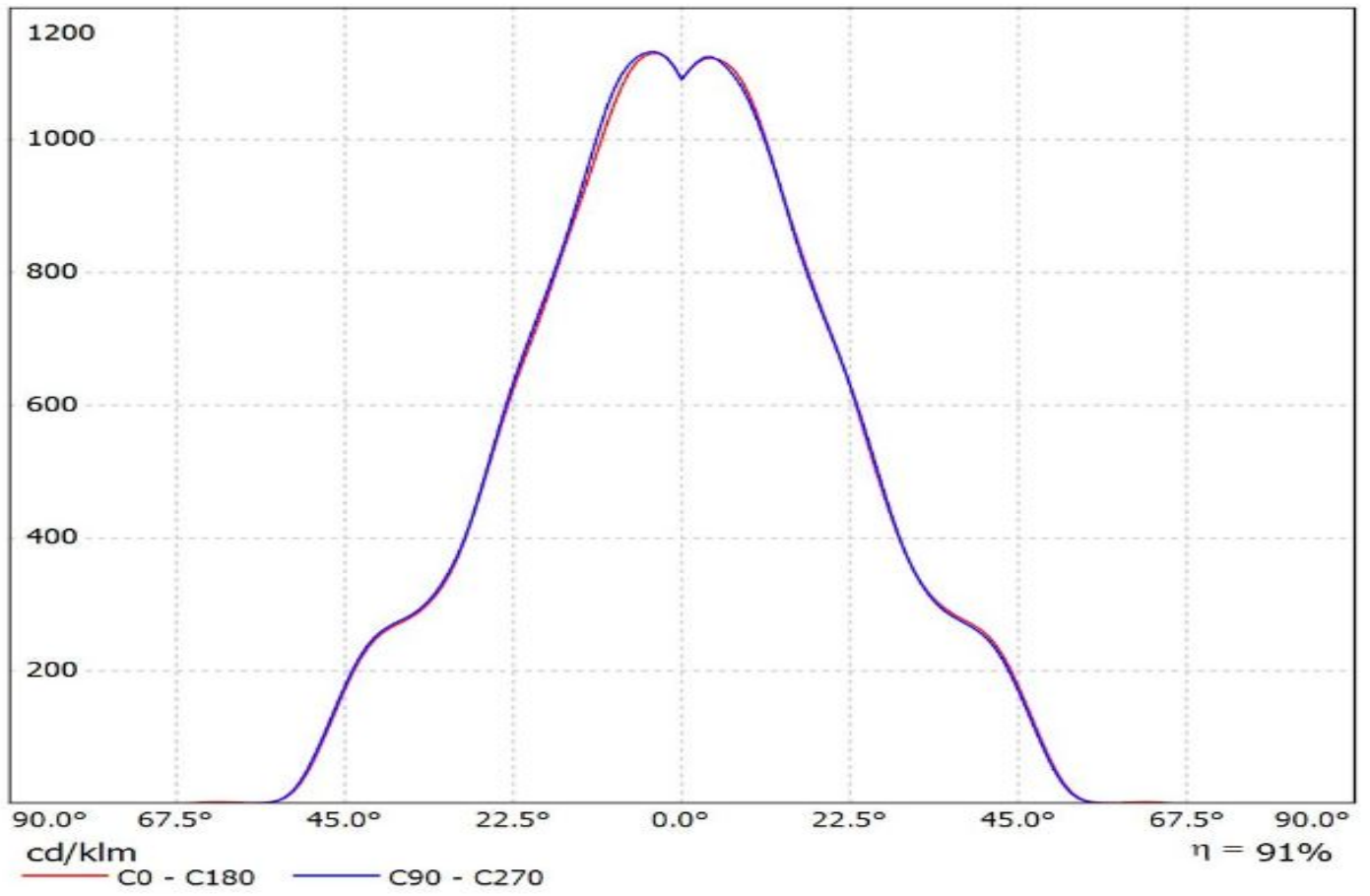
Luminaire: LEDiL Oy F13661\_ANGELINA-W-B\_(SLE-G5\_LES-19)  
Lamps: 1 x Tridonic\_SLE-G5\_LES-19\_1334.47lm@250mA\_P=8.2224W\_I=0.250A



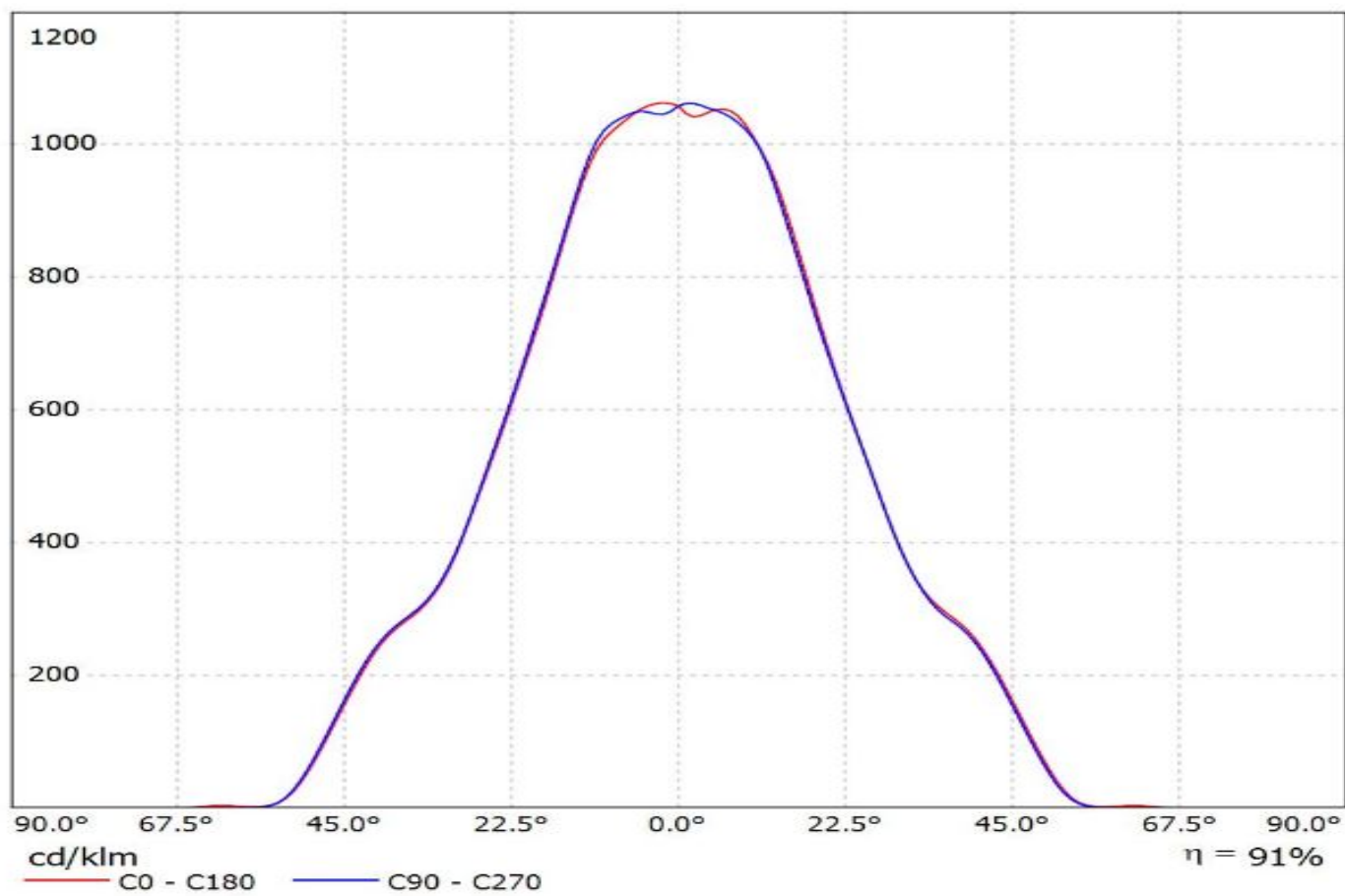
Luminaire: LEDiL Oy F13661\_ANGELINA-W-B\_(SLE-G5\_LES-23)  
Lamps: 1 x Tridonic\_SLE-G5\_LES-23\_1371.74lm@250mA\_P=8.1065W\_I=0.250A



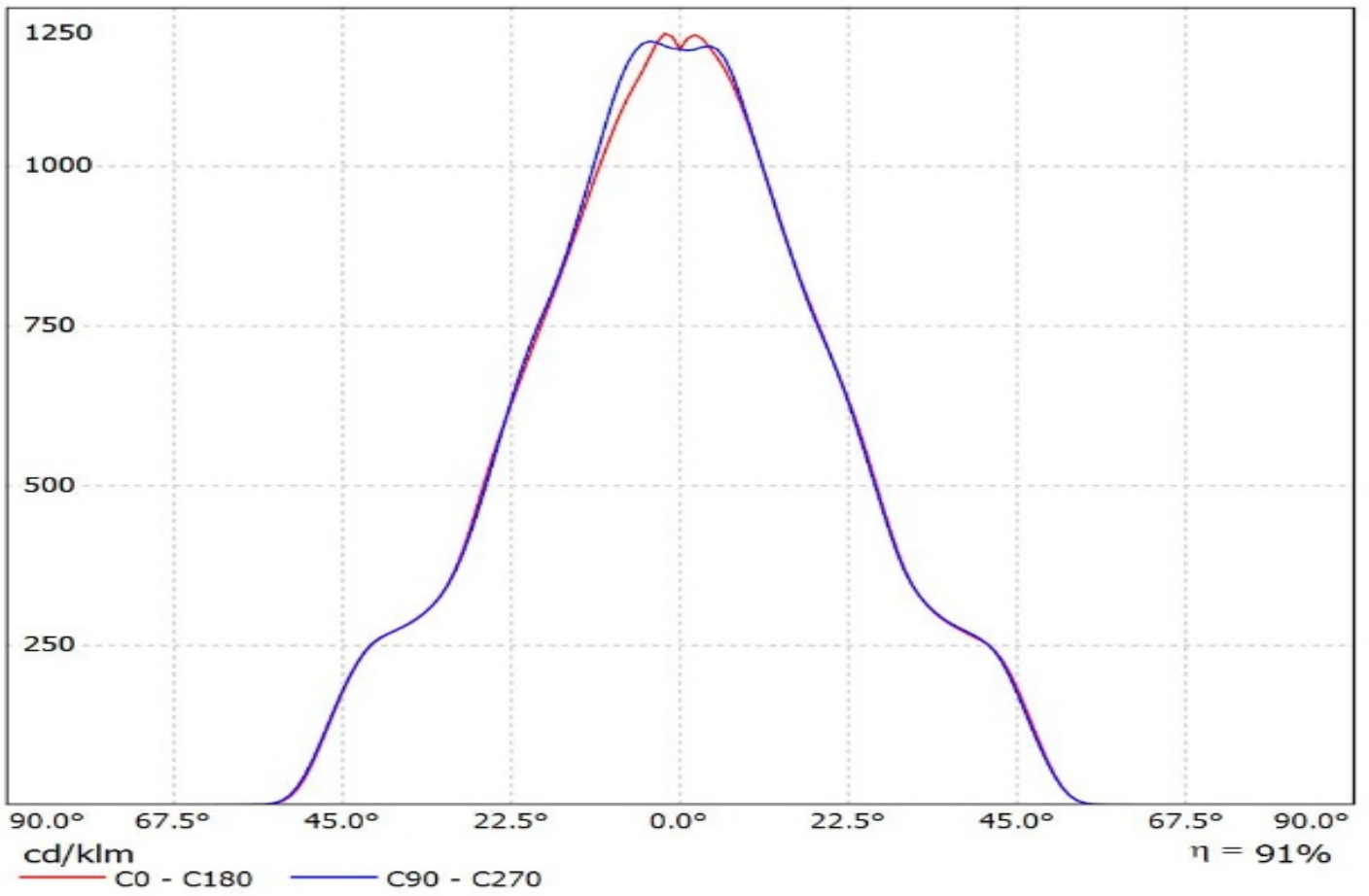
Luminaire: Ledil Oy F13661\_ANGELINA-W-B\_TRIDONIC\_SLE\_G6\_LES19\_H\_SIMULATED  
Lamps: 1 x TRIDONIC SLE G6 LES19 H



Luminaire: Ledil Oy F13661\_ANGELINA-W-B\_TRIDONIC\_SLE\_G6\_LES23\_H\_SIMULATED  
Lamps: 1 x TRIDONIC SLE G6 LES23 H

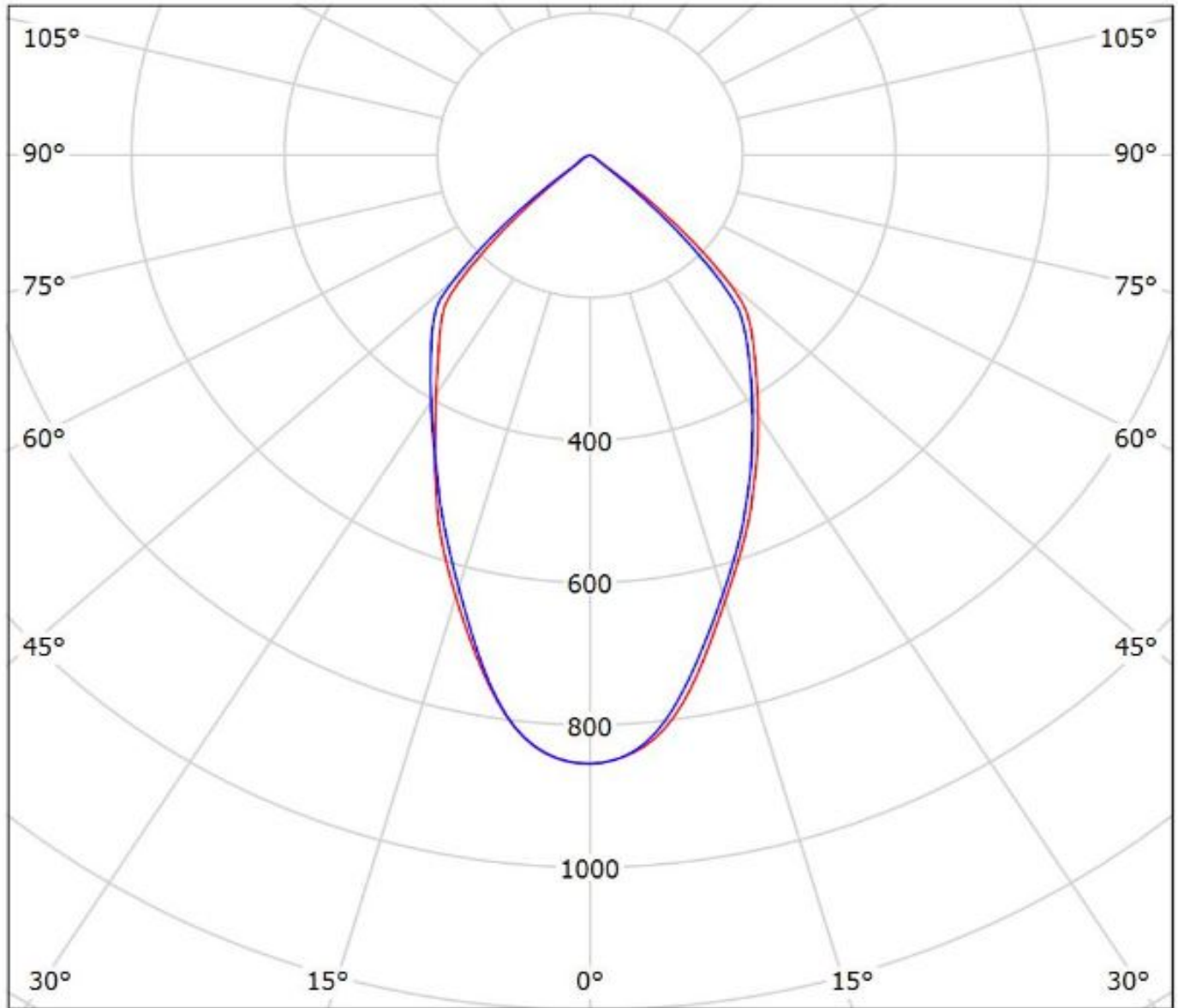


Luminaire: Ledil Oy F13661\_ANGELINA-W-B\_(SLE\_G6\_LES17\_H)\_SIMULATED  
Lamps: 1 x Tridonic SLE G6 LES17 H



Luminaire: Ledil F13661\_ANGELINA-W-B\_(V15+BJB)

Lamps: 1 x Bridgelux\_V15\_+47.319.2224\_1096.43lm@250mA\_P=8.2647W\_I=0.25A



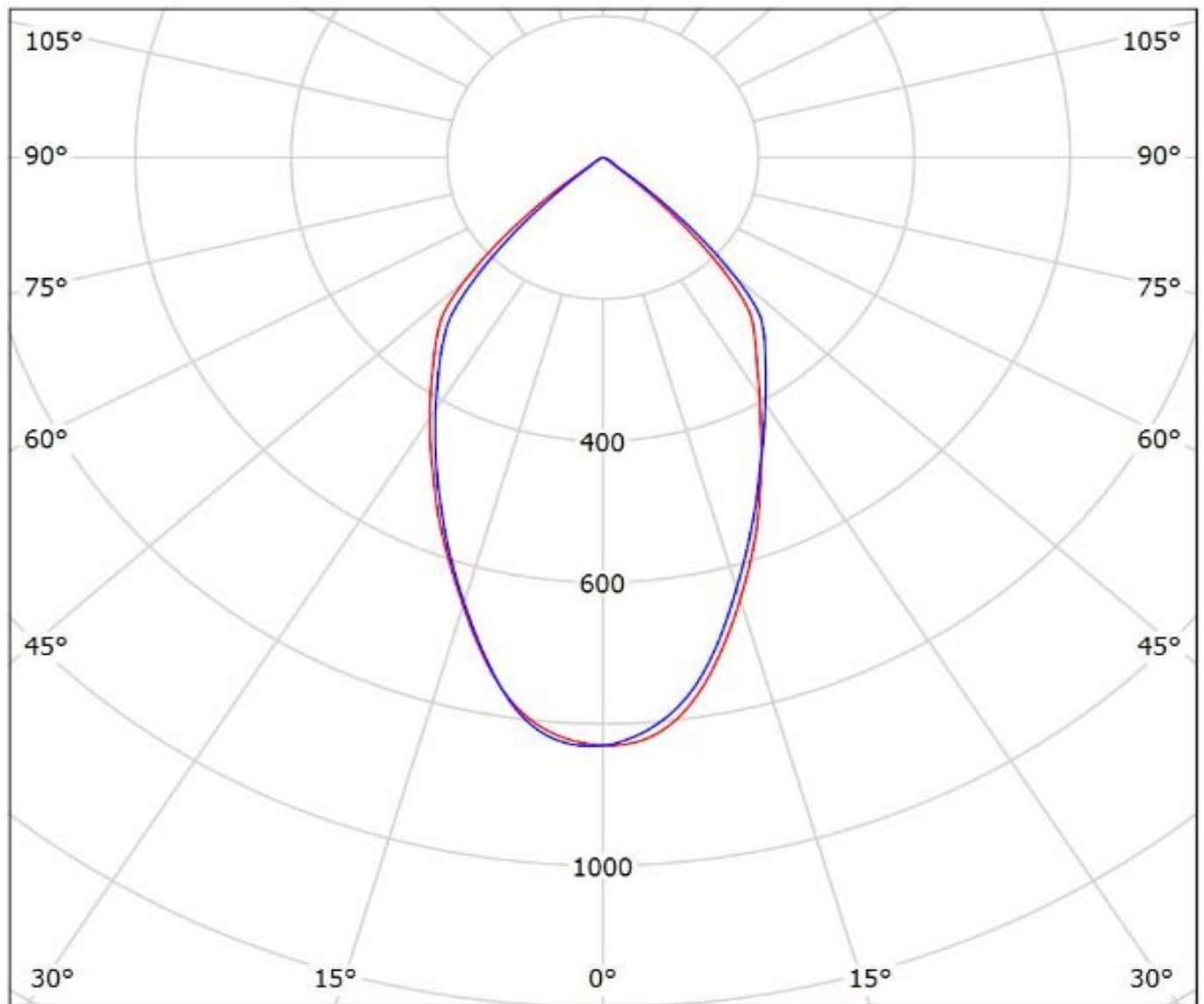
cd/klm

— C0 - C180    — C90 - C270

$\eta = 92\%$



Luminaire: Ledil F13661\_ANGELINA-W-B\_(V18+BJB)  
Lamps: 1 x Bridgelux\_V18\_(BXRC-30E4000-F-23)  
\_+47.319.2274\_1094.62lm@250mA\_CCT=3000K\_P=6.875W\_I=0.25A

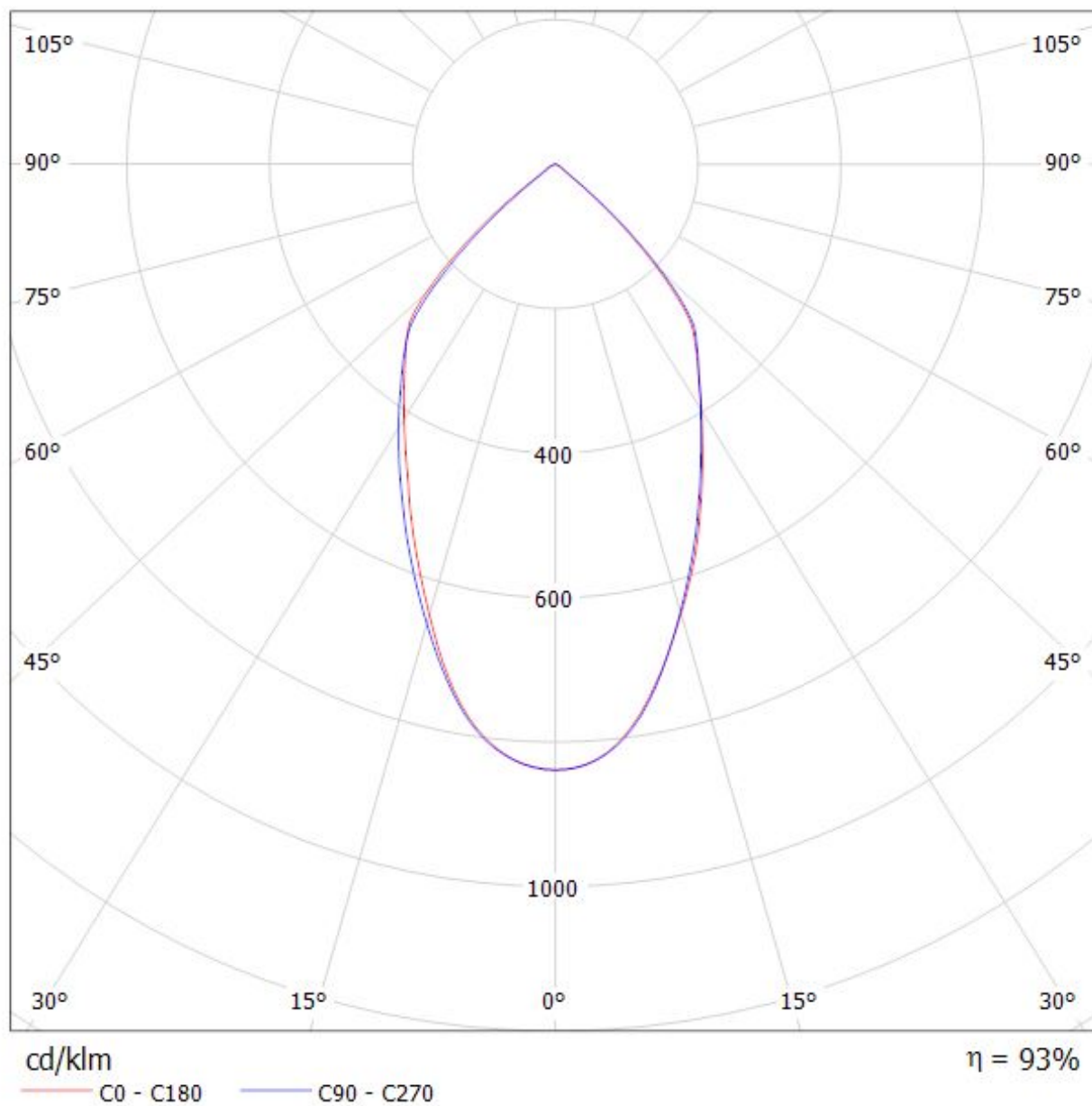


cd/klm  
— C0 - C180 — C90 - C270

$\eta = 92\%$

Luminaire: LEDiL Oy F13661\_ANGELINA-W-B\_(V18\_Gen7)+BJB

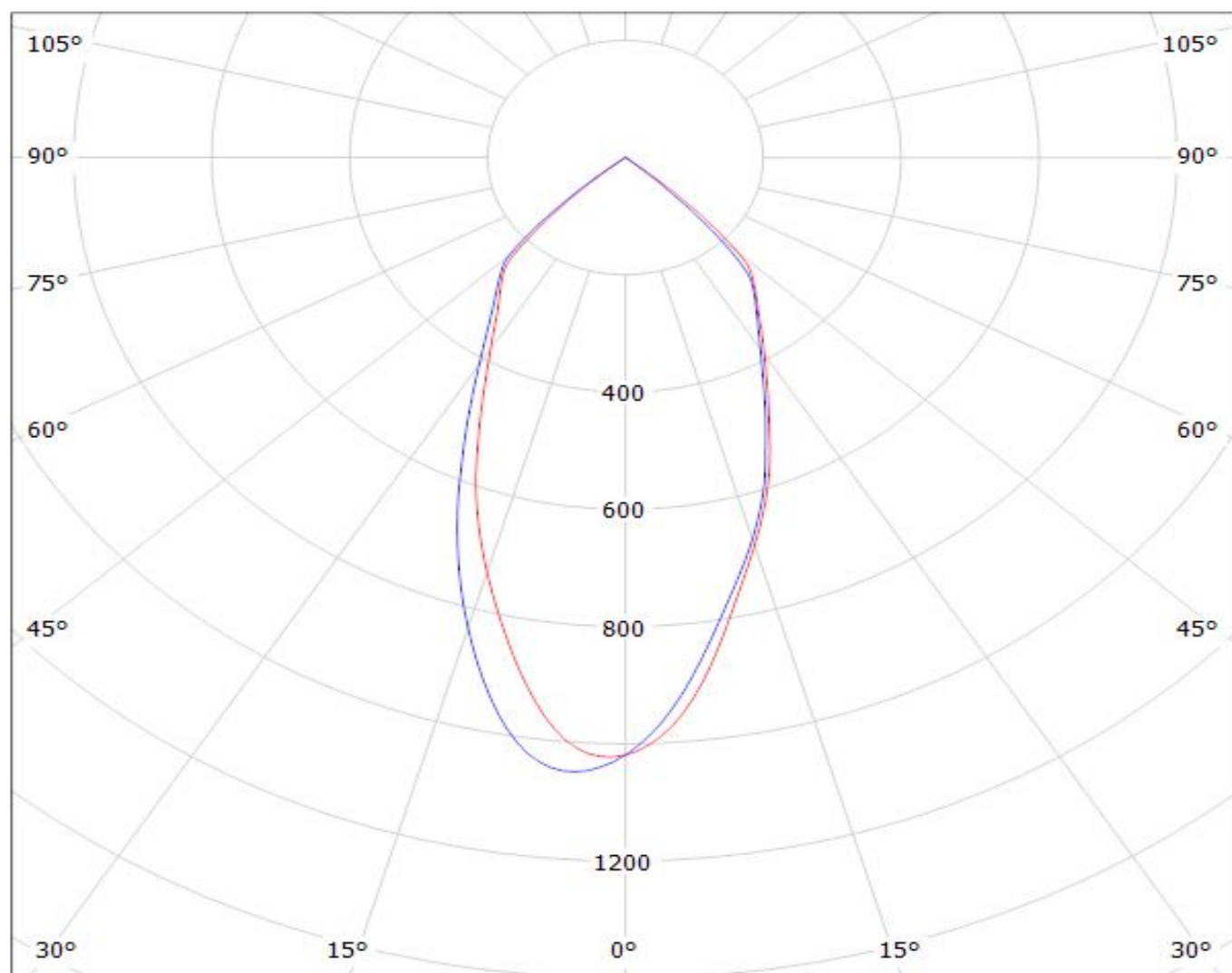
Lamps: 1 x Bridgelux\_V18\_Gen7\_(BXRE-30E4000-B)+BJB\_47.319.2350\_1384.73lm@250mA\_P=8.09577W\_I=0.25A



## LEDiL Oy C13661\_ANGELINA-W-B\_(CLL030) Eff.92.0% / LDC (Polar)

Luminaire: LEDiL Oy C13661\_ANGELINA-W-B\_(CLL030) Eff.92.0%

Lamps: 1 x CITIZEN\_CLL030\_(CLL030-1205A5-303H1A7) 797.292lm@250mA CCT=3000K P=8.65307W I=249.8mA



cd/klm

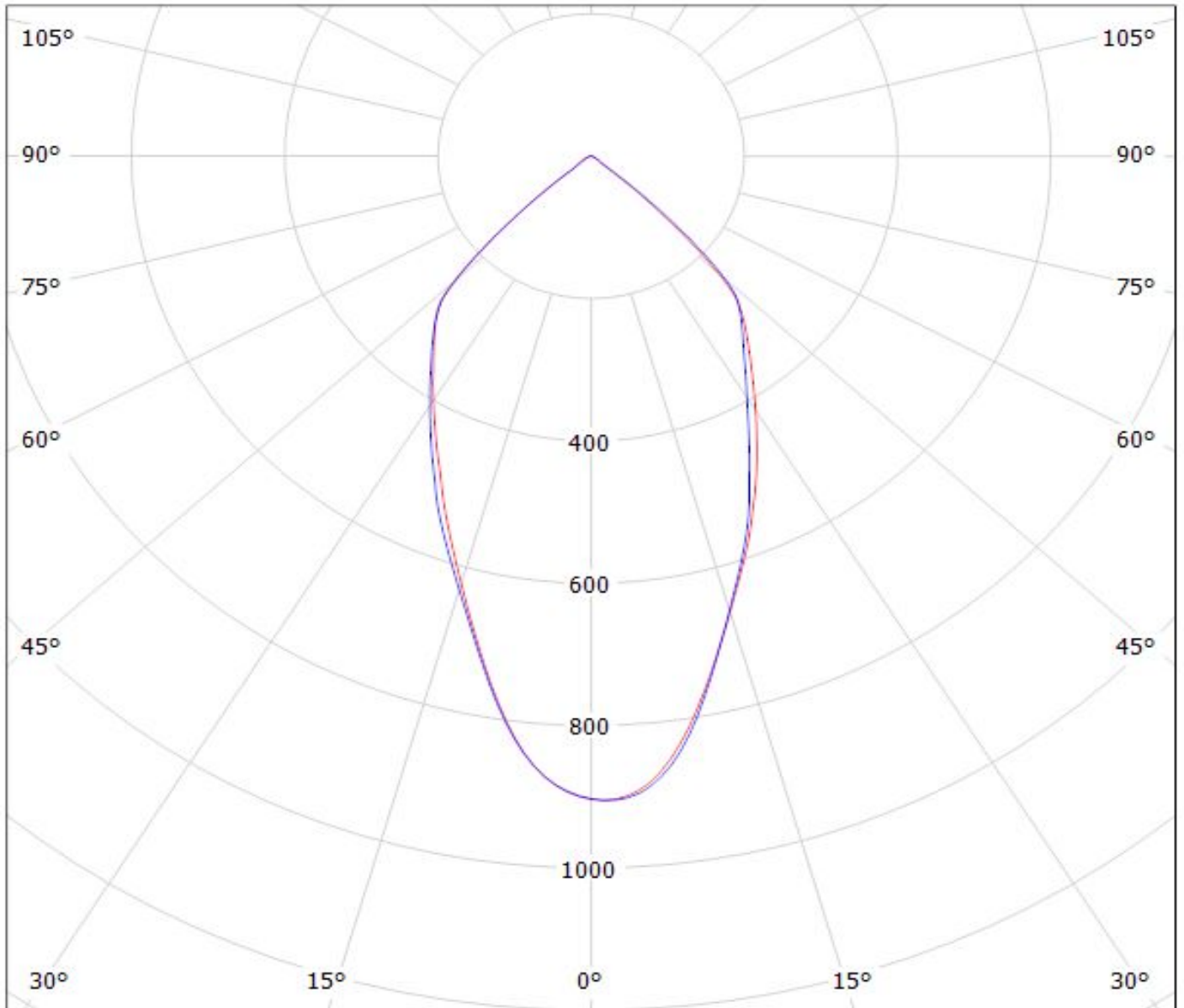
— C0 - C180

— C90 - C270

$\eta = 92\%$

Luminaire: LEDiL Oy F13661\_ANGELINA-W-B\_(CLU034)

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



cd/klm

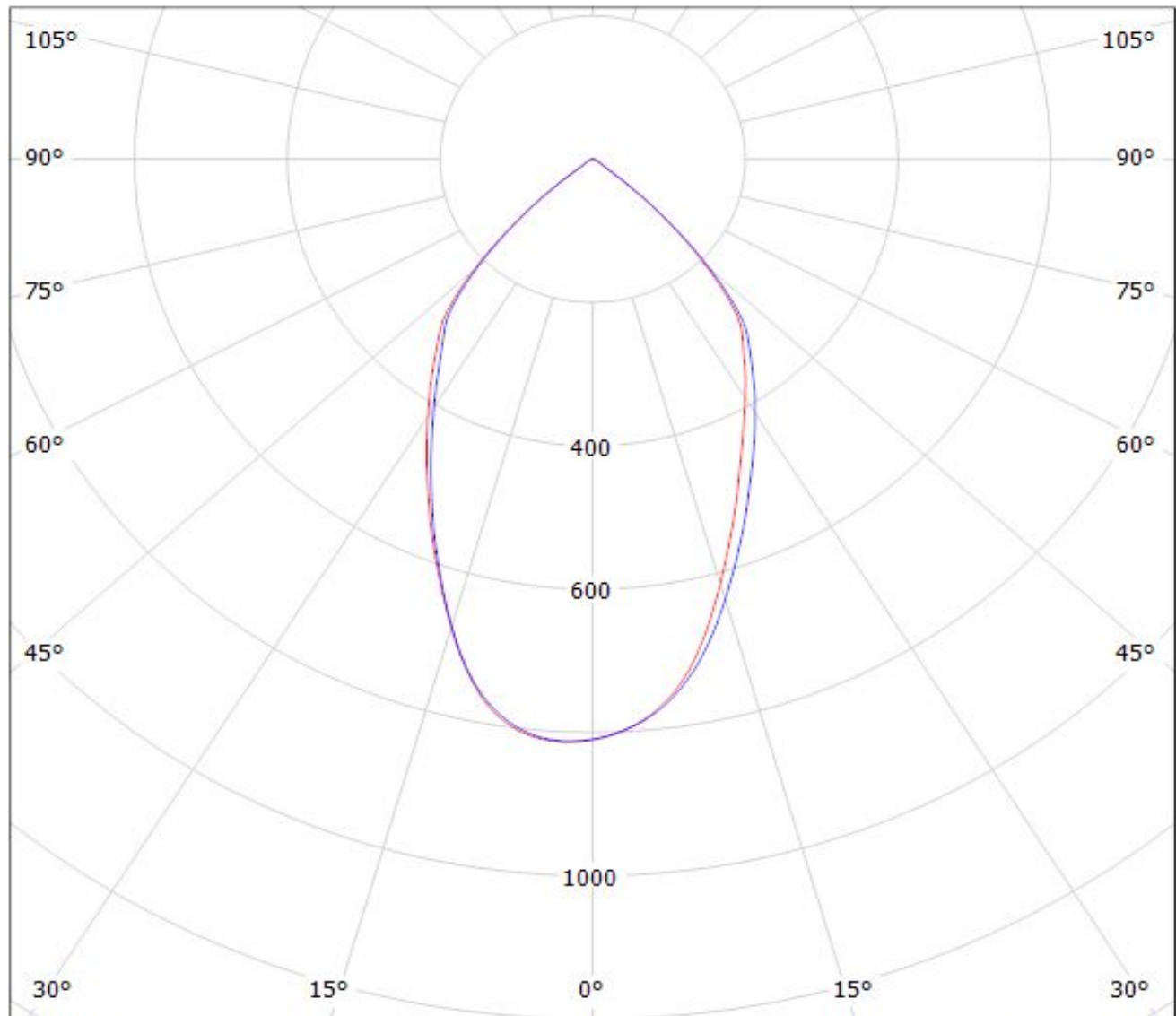
— C0 - C180

— C90 - C270

$\eta = 94\%$

Luminaire: LEDiL Oy F13661\_ANGELINA-W-B\_(CLU044)

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



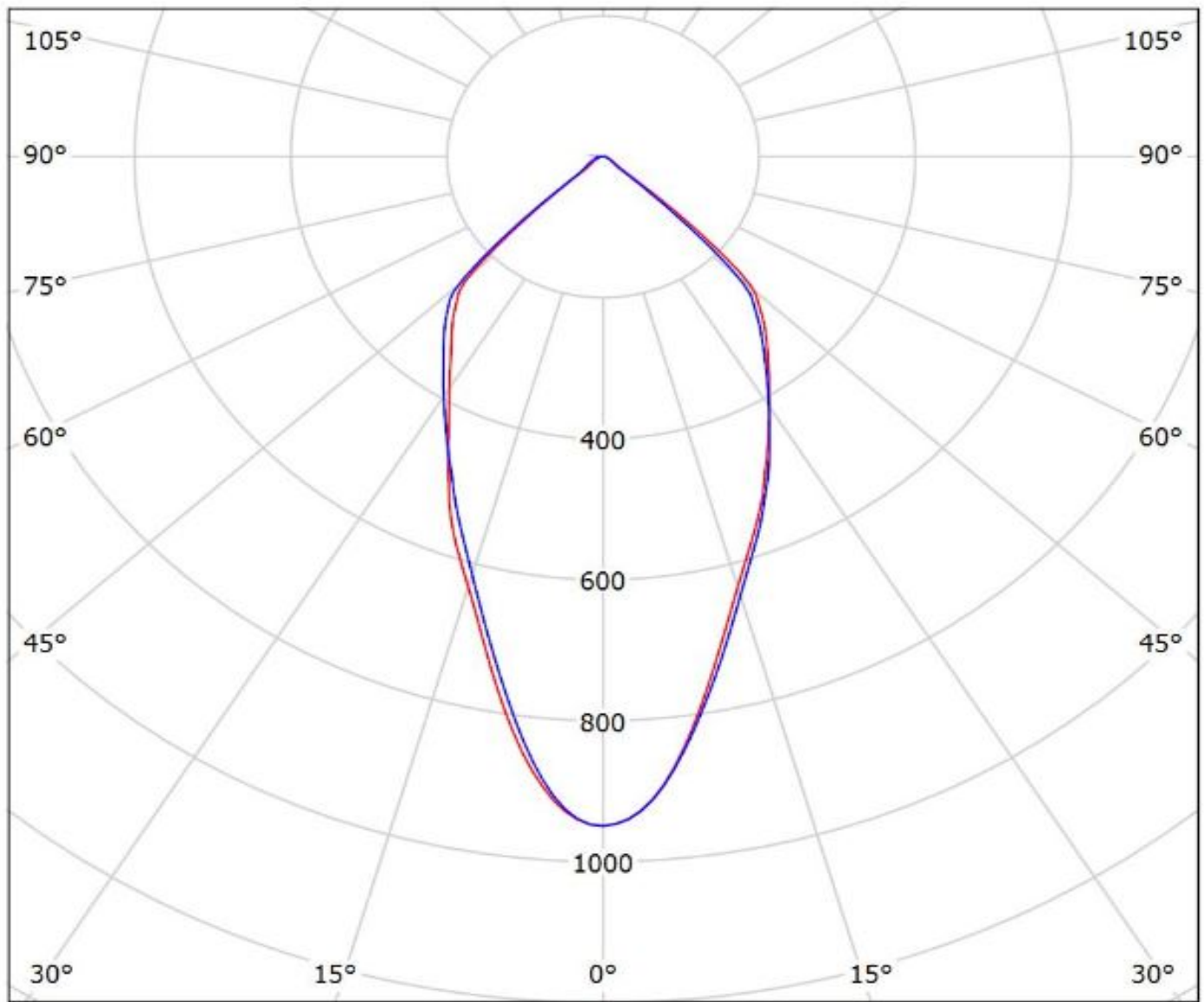
cd/klm

— C0 - C180

— C90 - C270

$\eta = 92\%$

Luminaire: Ledil F13661\_ANGELINA-W-B\_(CITIZEN\_CLU720)  
Lamps: 1 x CITIZEN\_CLU720\_(CLU720-1206B8-273M2)  
\_1320.42lm@250mA\_CCT=2700K\_P=8.35W\_I=0.25A

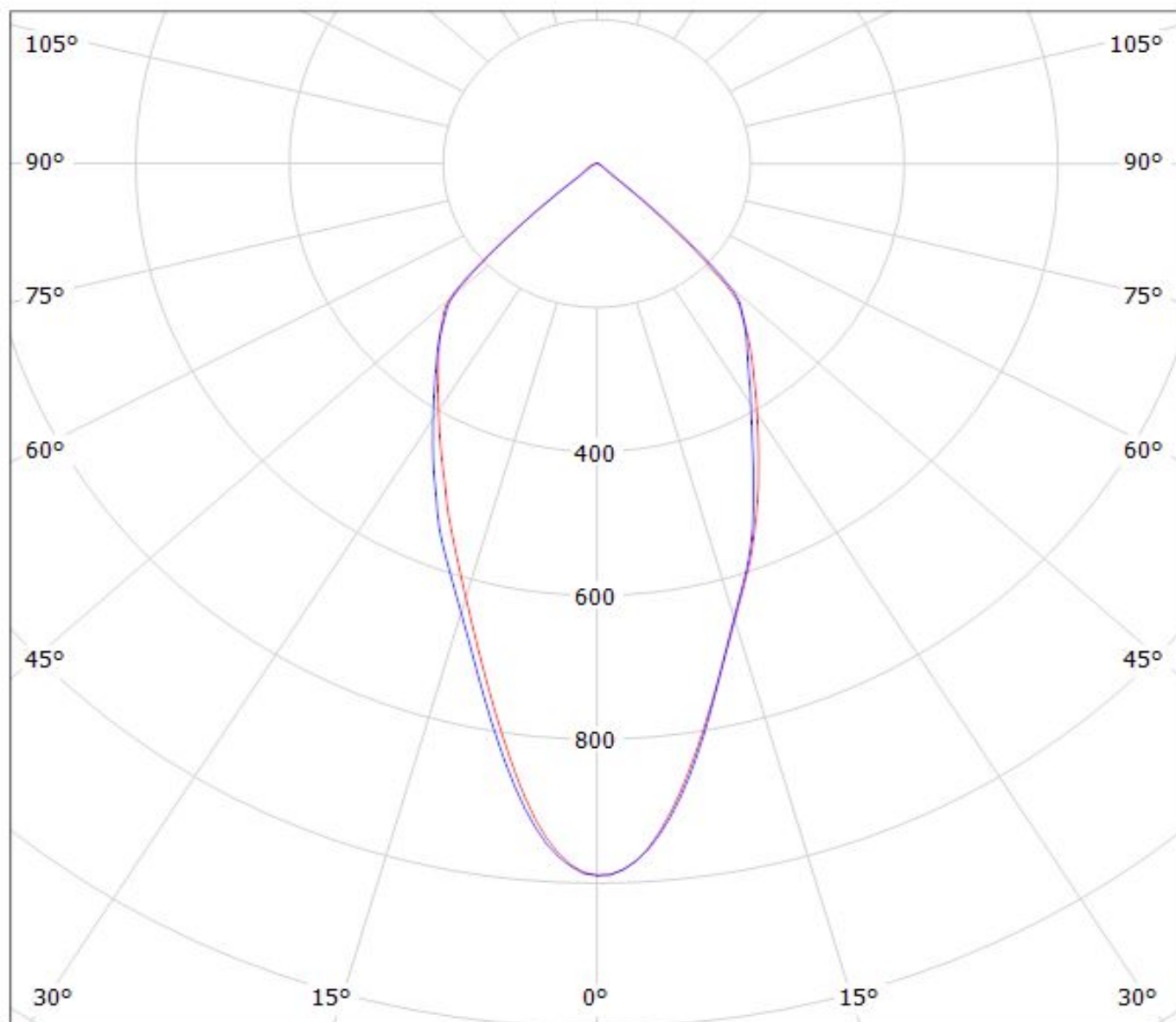


cd/klm  
— C0 - C180 — C90 - C270

$\eta = 94\%$

Luminaire: LEDiL Oy F13661\_ANGELINA-W-B\_(CITIZEN\_CLU720)

Lamps: 1 x CITIZEN\_CLU720\_(BJB: 47.319.2020)\_1214.68lm@250mA\_CCT=2700K\_P=8.31842W\_I=0.25A



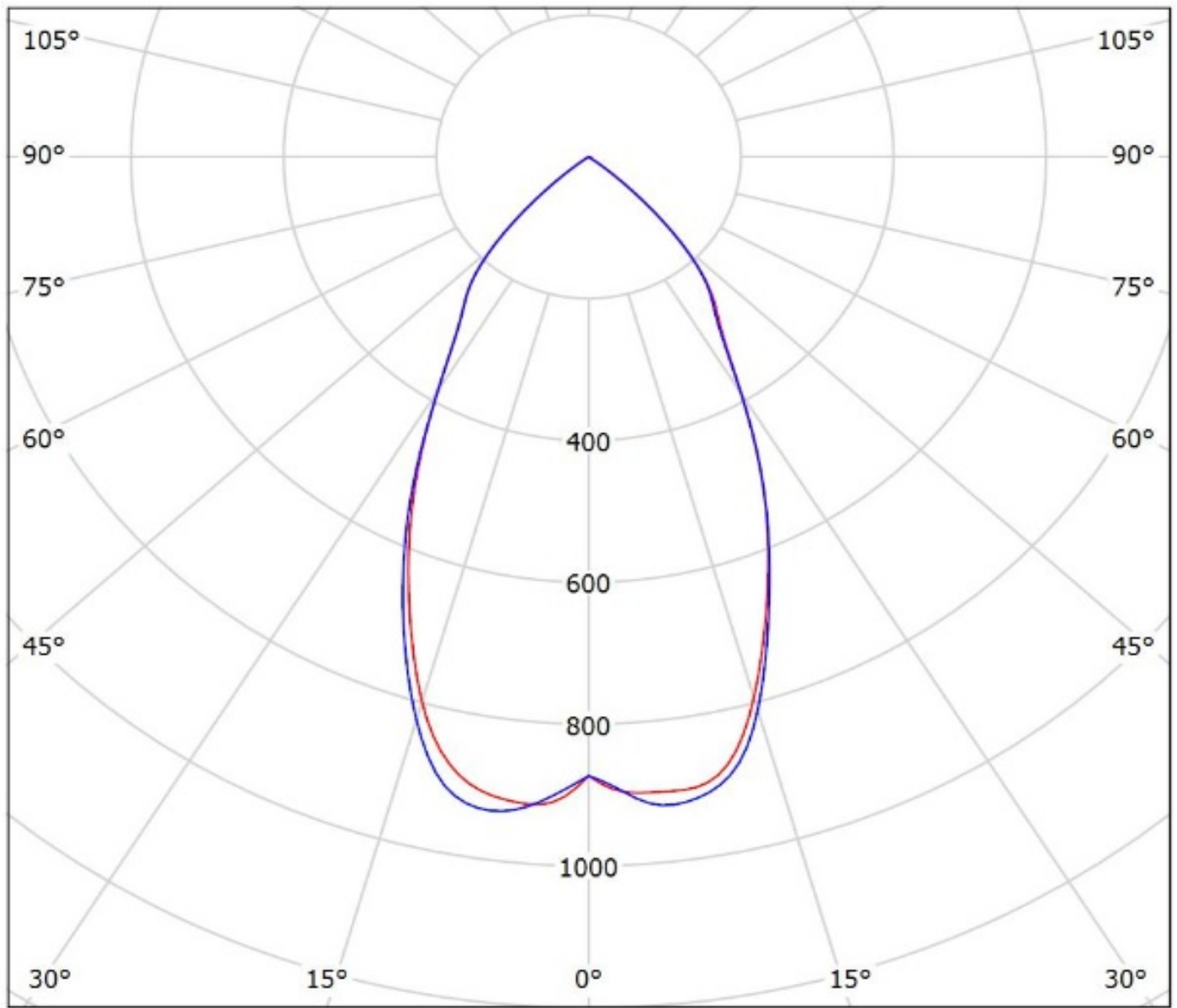
cd/klm

— C0 - C180

— C90 - C270

$\eta = 93\%$

Luminaire: Ledil Oy F13661\_ANGELINA-W-B\_(CLU048)\_(47\_319\_2030)\_SIMULATED  
Lamps: 1 x Citizen CLU048 (CLU048-1212C4-303M2K1) + BJB connector 47.319.2030



cd/klm

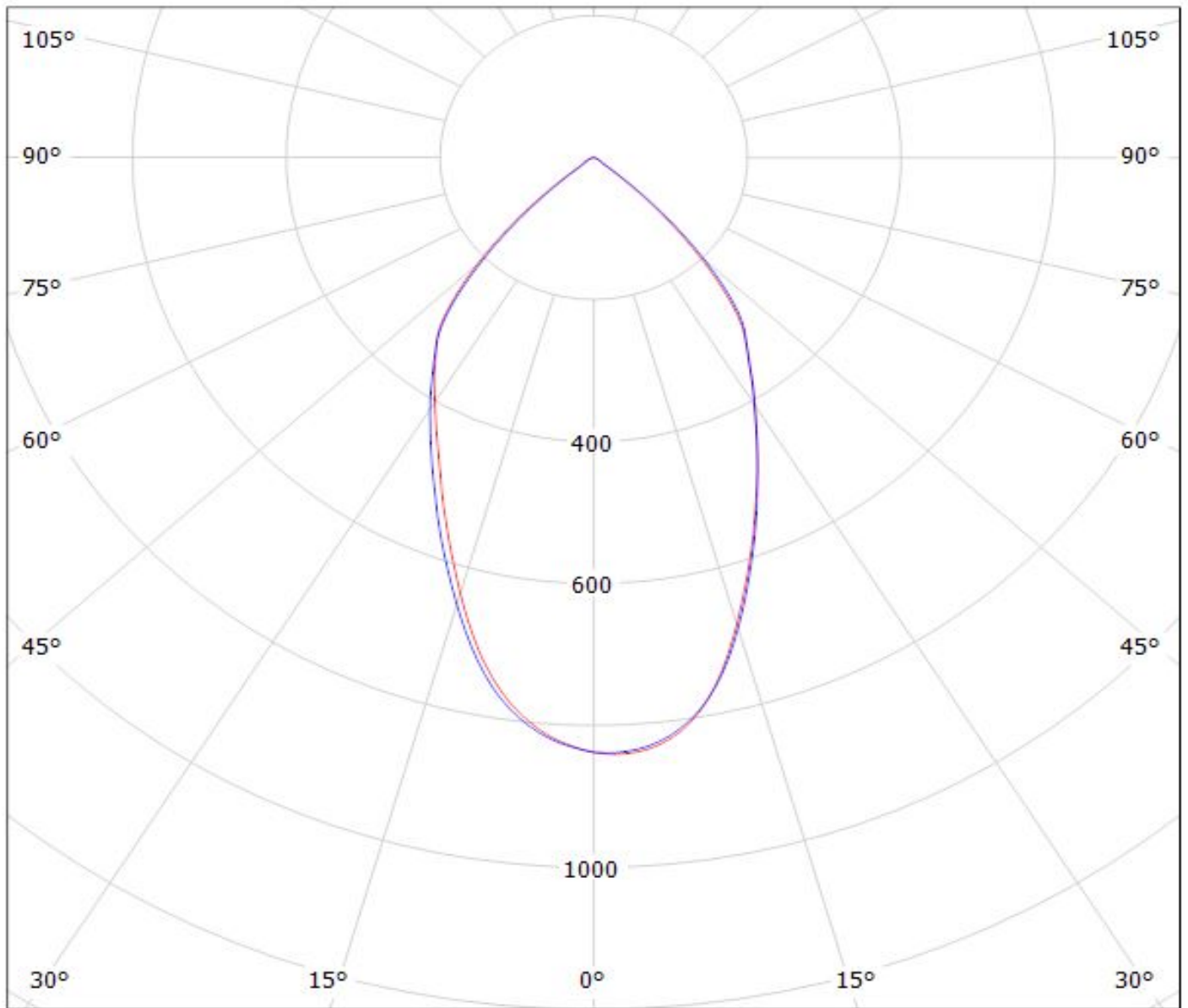
— C0 - C180    — C90 - C270

$\eta = 91\%$



Luminaire: LEDiL Oy F13661\_ANGELINA-W-B\_(CXA30)

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

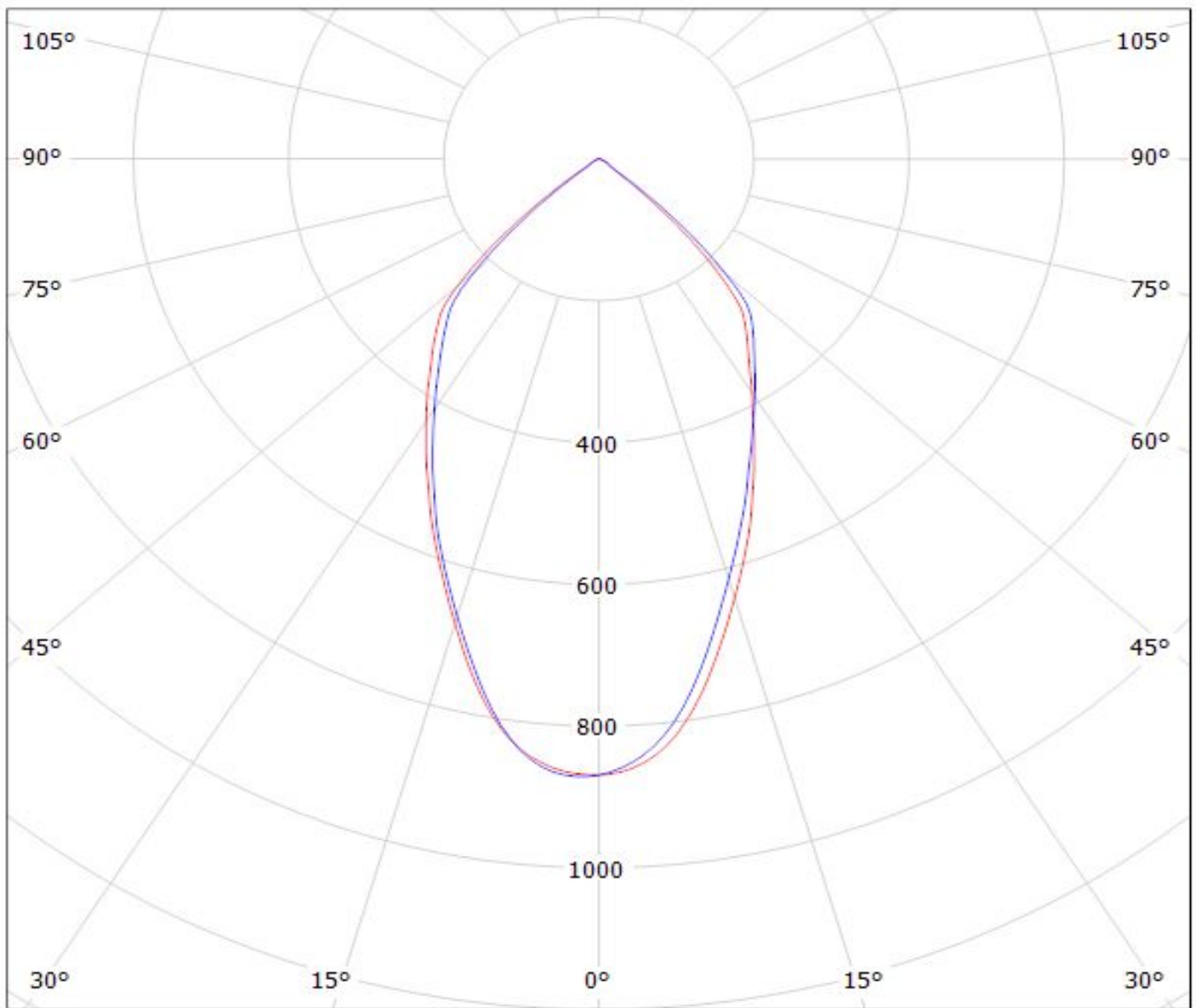


cd/klm

— C0 - C180    — C90 - C270

$\eta = 91\%$

Luminaire: LEDiL Oy F13661\_ANGELINA-W-B\_(CXA2590)  
Lamps: 1 x CREE\_CXA2590\_(CXA2590-30F-Z4-RPH-00001)  
\_837.275lm@100mA\_CCT=3000K\_P=6.36316W\_I=100.1mA

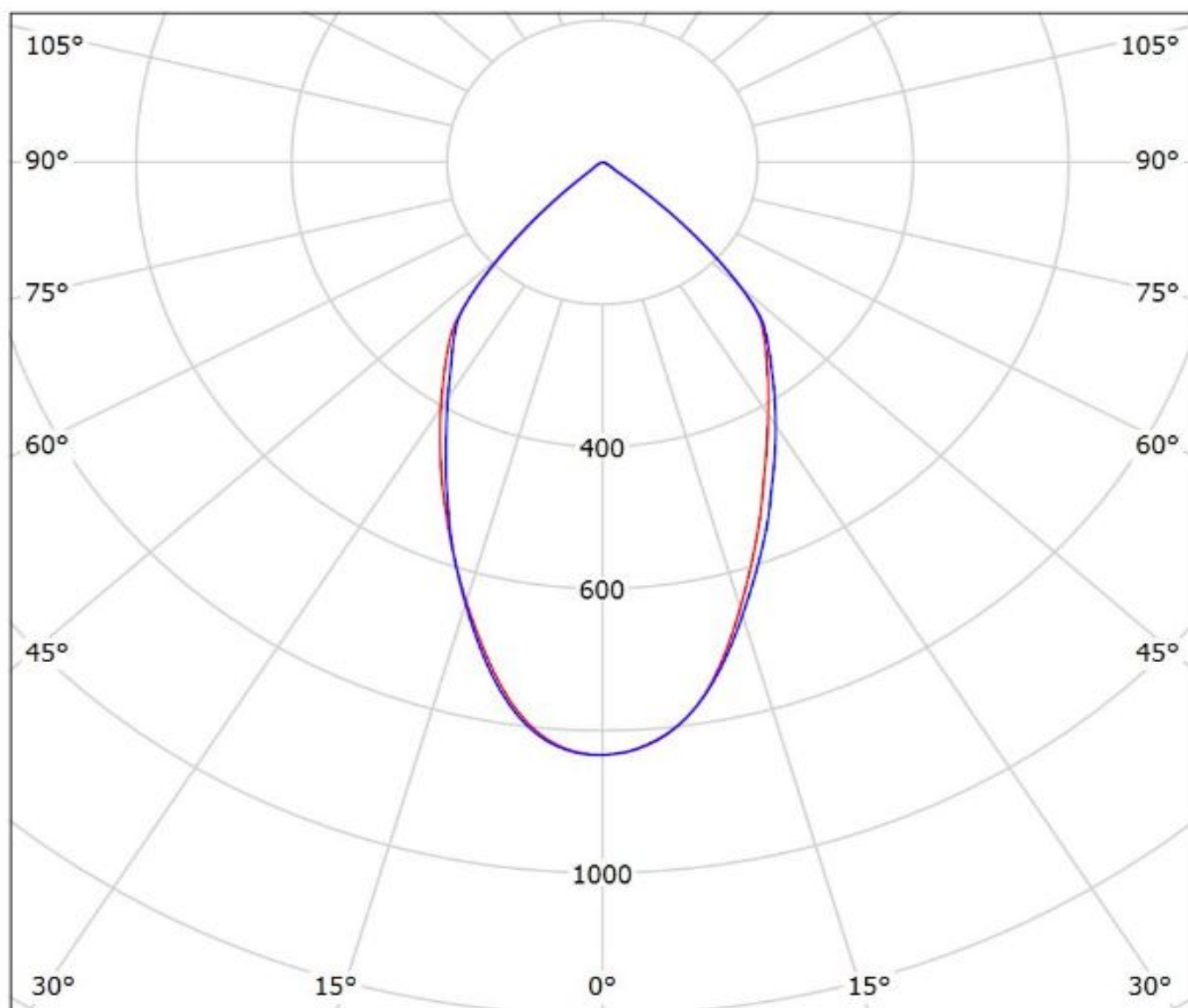


cd/klm

$\eta = 93\%$

— C0 - C180 — C90 - C270

Luminaire: Ledil F13661\_ANGELINA-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



cd/klm

— C0 - C180 — C90 - C270

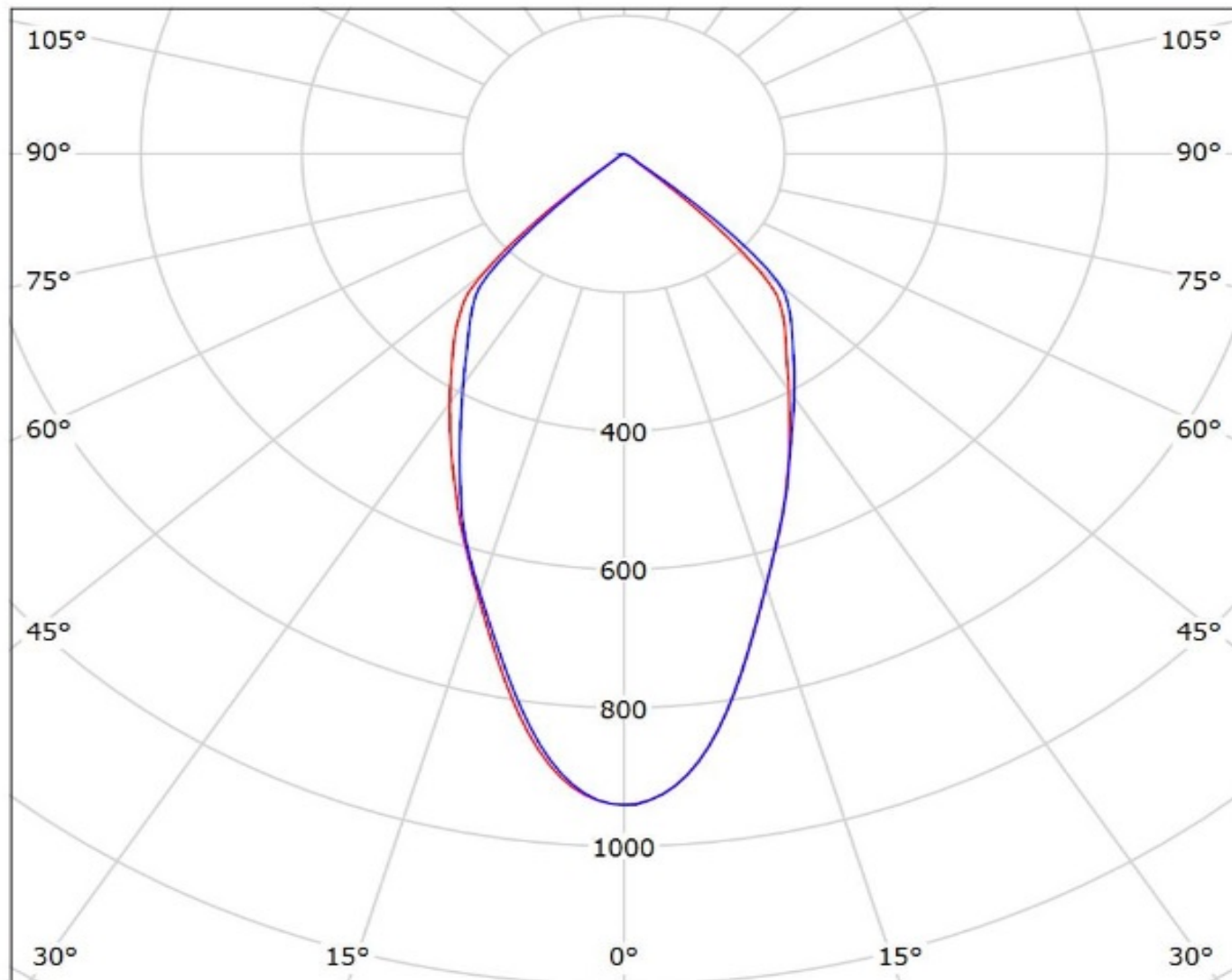
$\eta = 92\%$

# Ledil F13661\_ANGELINA-W-B\_(COB\_10W)\_(BJB\_47\_319\_2080) / LDC (Polar)

Luminaire: Ledil F13661\_ANGELINA-W-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

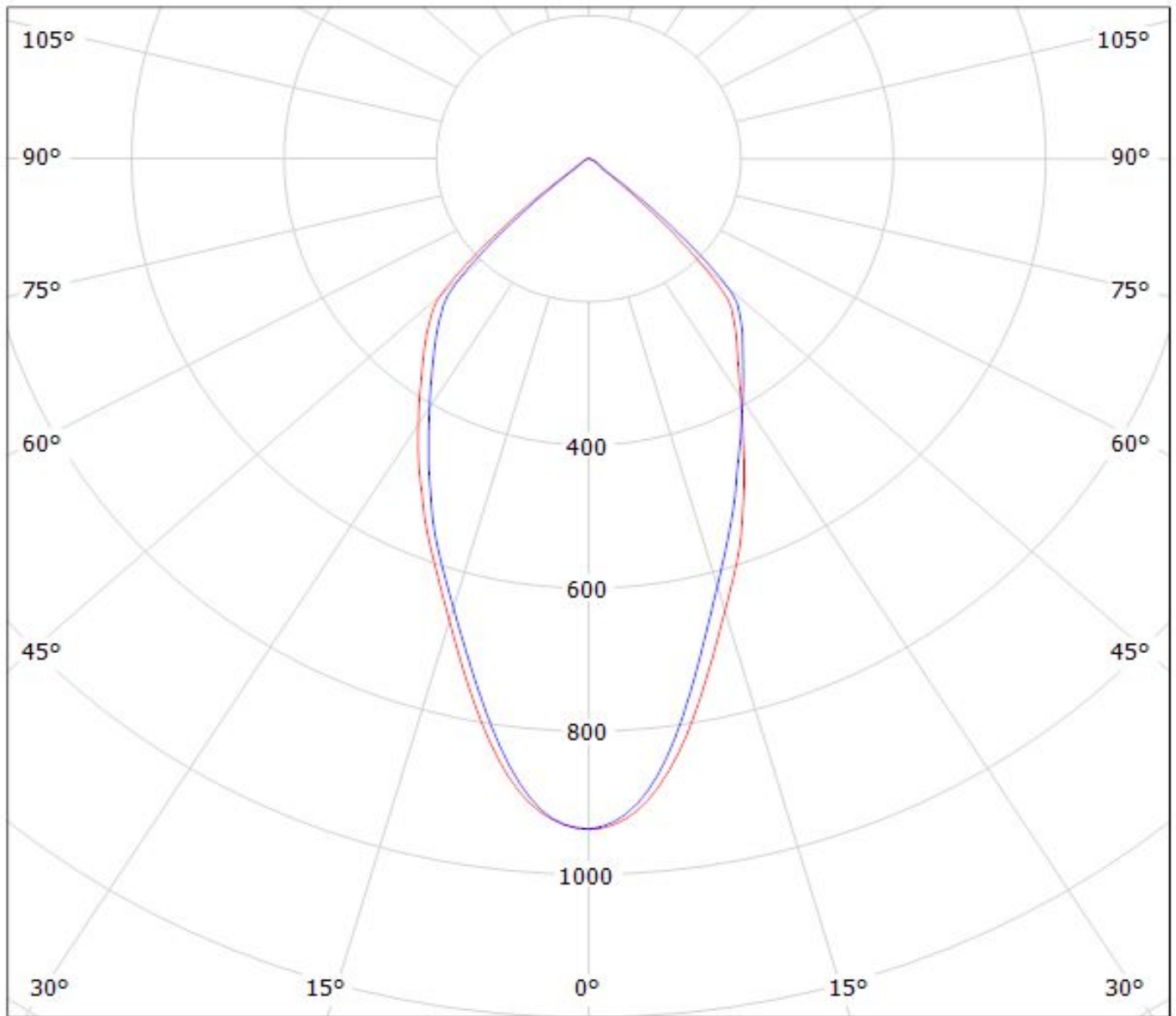
— C0 - C180

— C90 - C270

$\eta = 93\%$

Luminaire: LEDiL Oy F13661\_ANGELINA-W-B\_(LG\_COB\_10W)

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



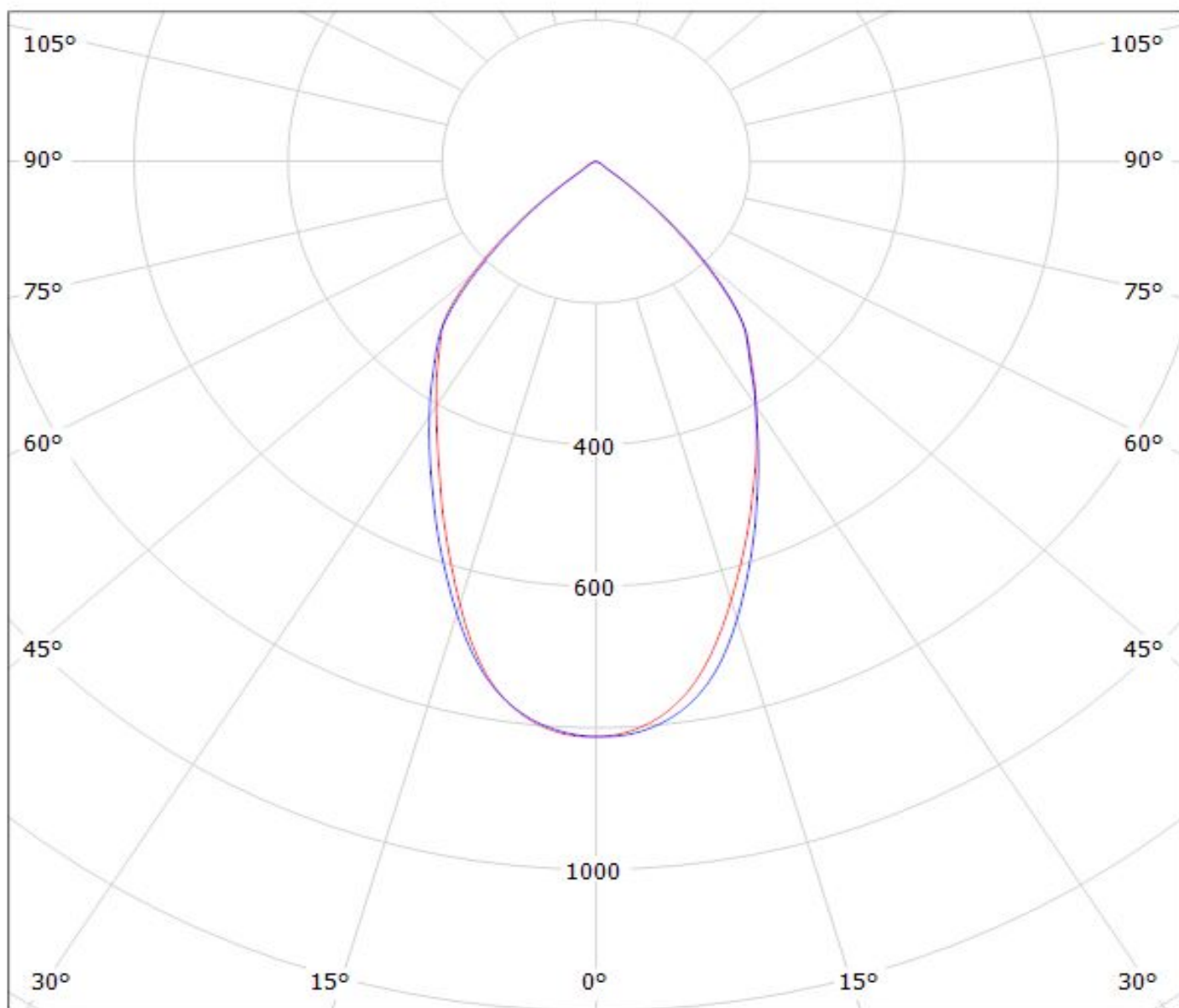
cd/klm

$\eta = 94\%$

— C0 - C180 — C90 - C270

Luminaire: LEDiL Oy F13661\_ANGELINA-W-B\_(COB\_40W)

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



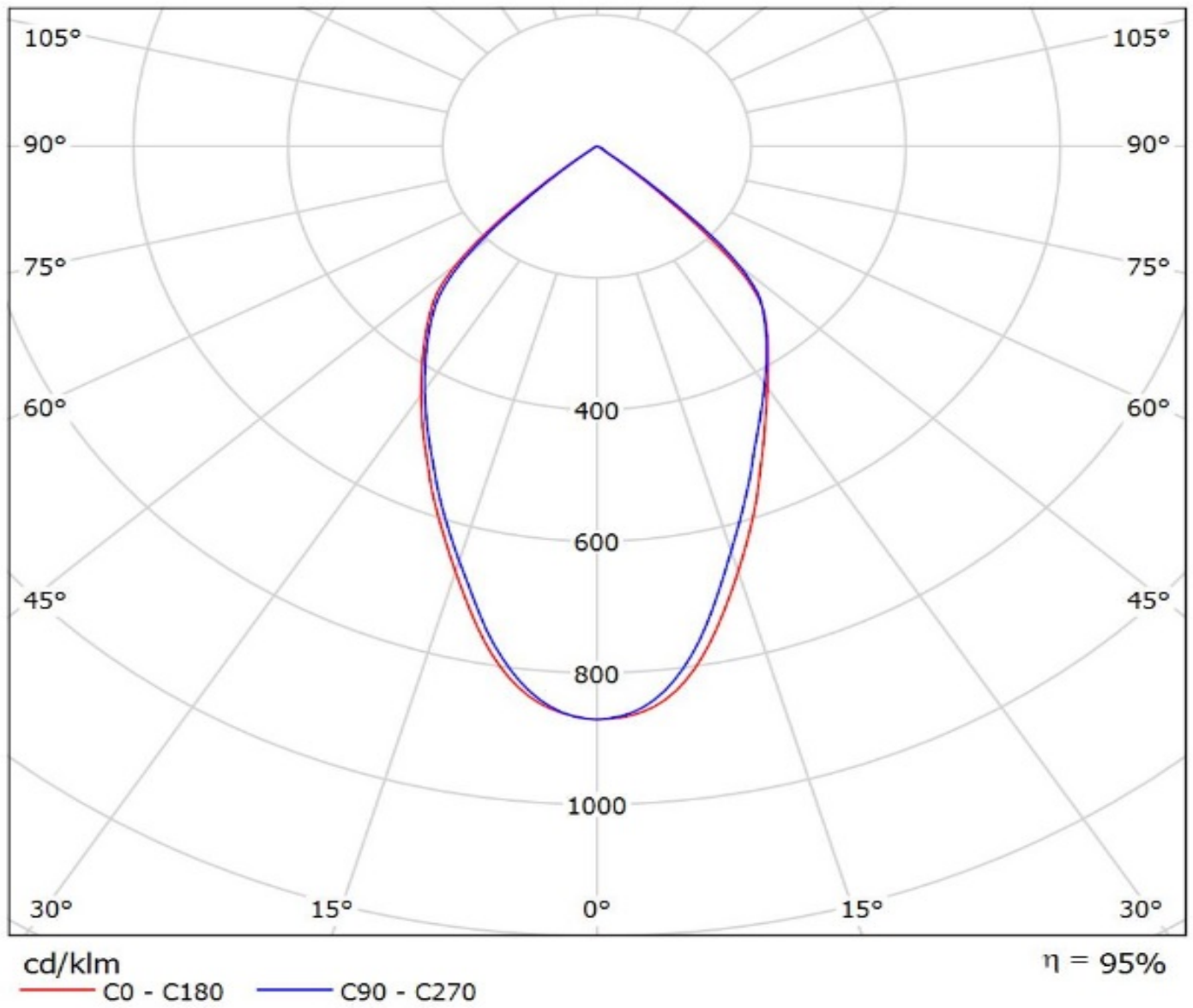
cd/klm

— C0 - C180    — C90 - C270

$\eta = 91\%$

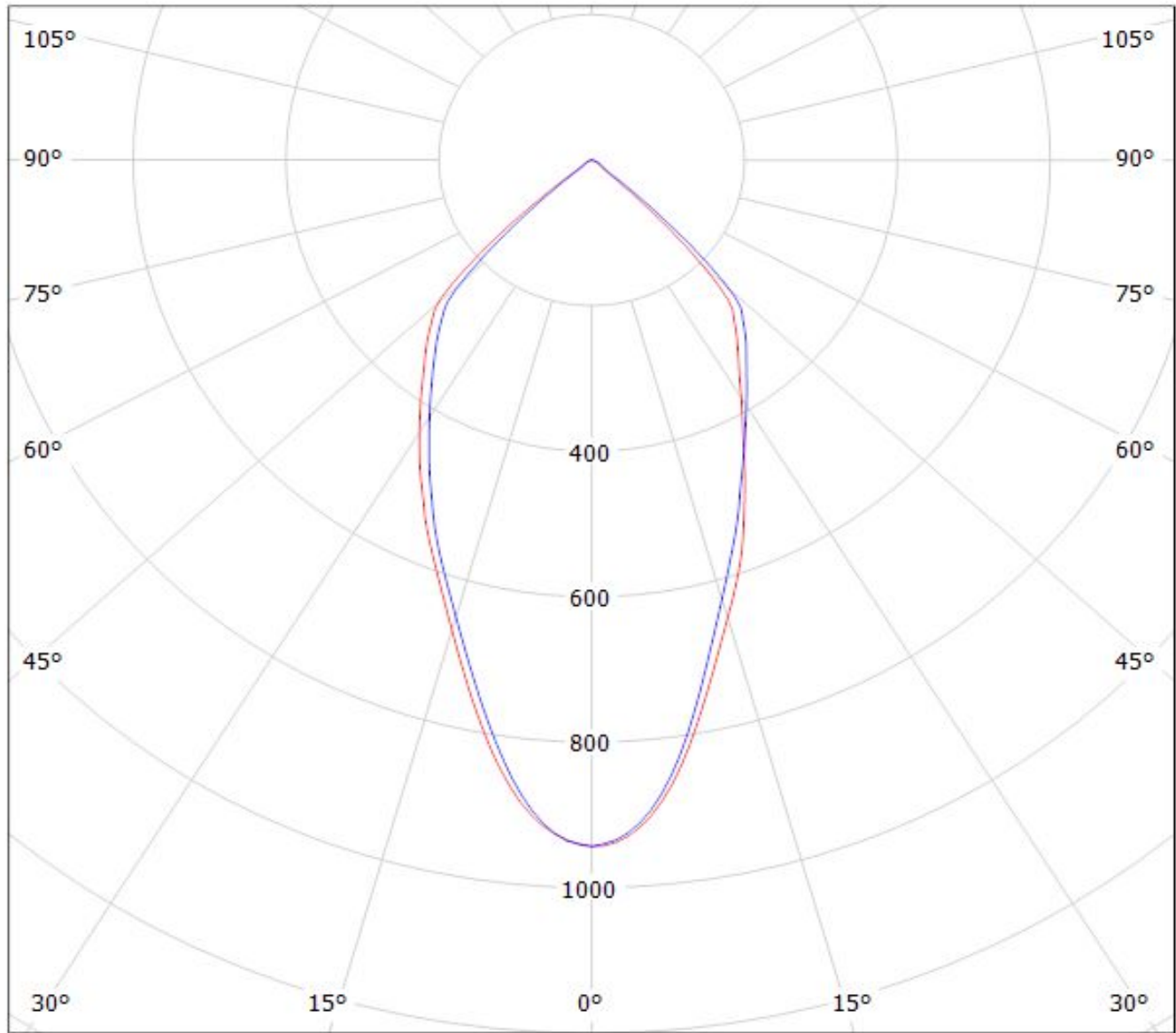
# Ledil F13661\_ANGELINA-W-B\_(Luxeon\_K16)\_(47\_319\_2070) / LDC (Polar)

Luminaire: Ledil F13661\_ANGELINA-W-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 F13661\_ANGELINA-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

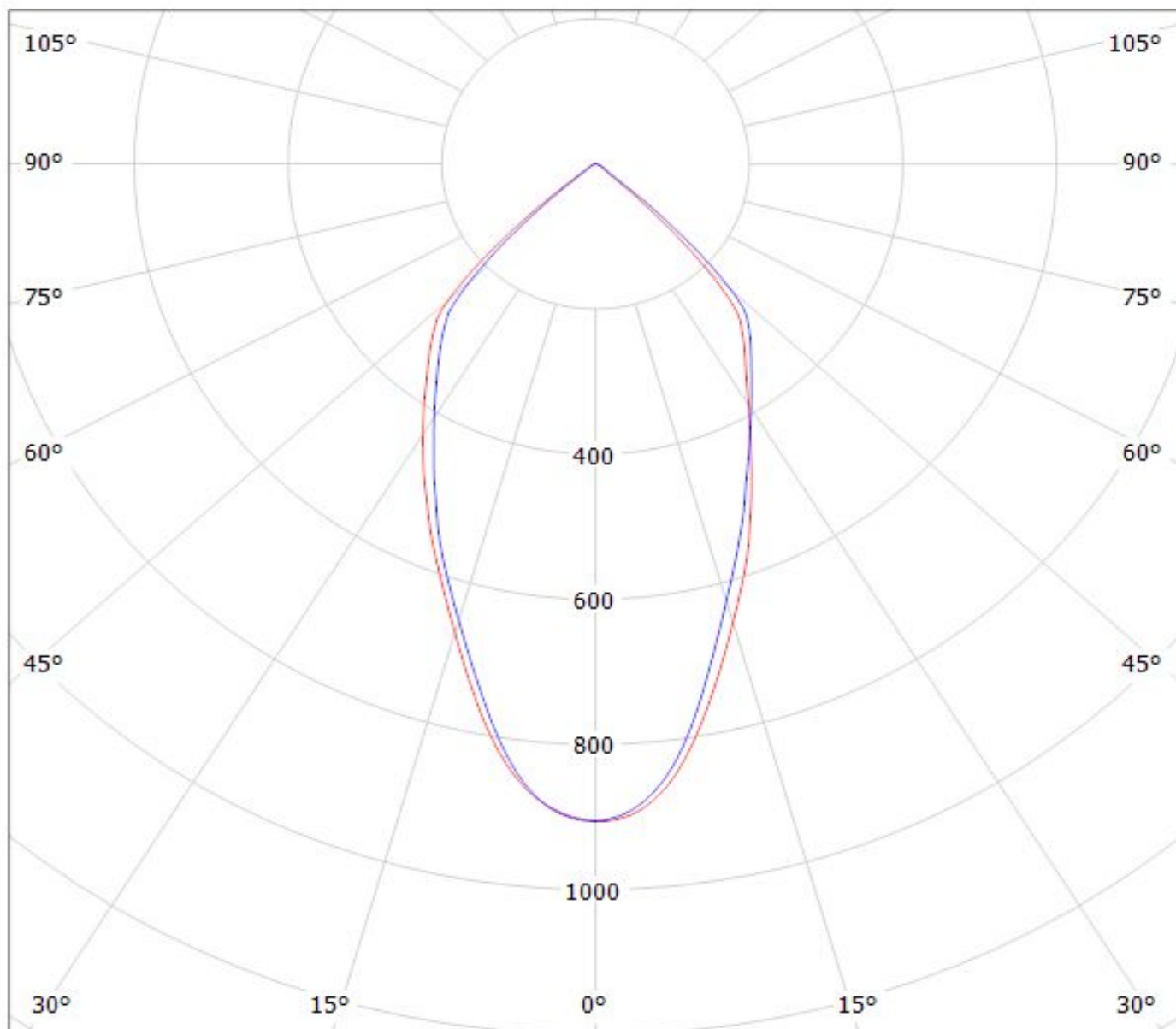
— C90 - C270

$\eta = 94\%$



Luminaire: LEDiL Oy F13661\_ANGELINA-W-B\_(Luxeon\_CoB\_1208)

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



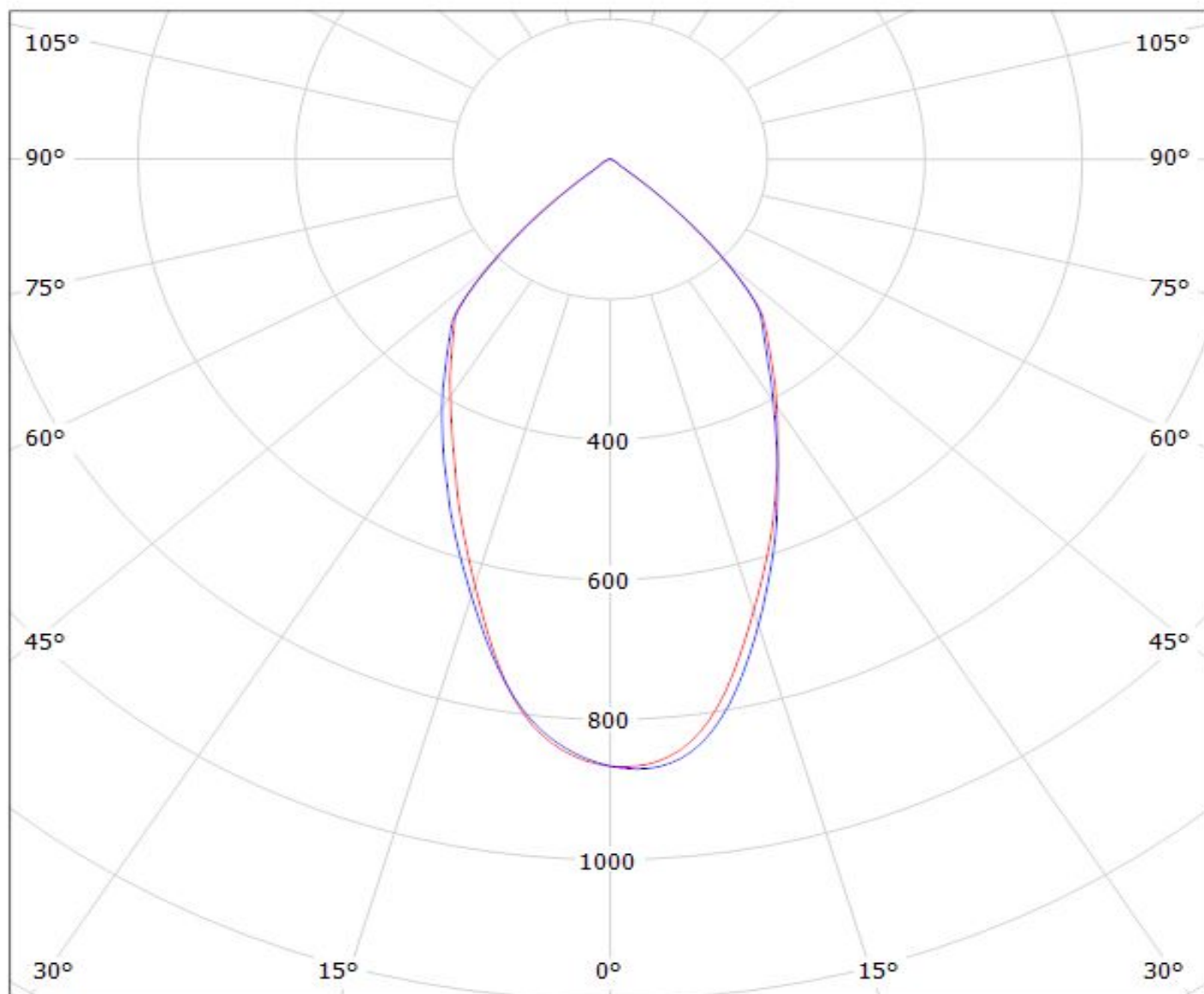
cd/klm

— C0 - C180

— C90 - C270

$\eta = 93\%$

Luminaire: LEDiL Oy F13661\_ANGELINA-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



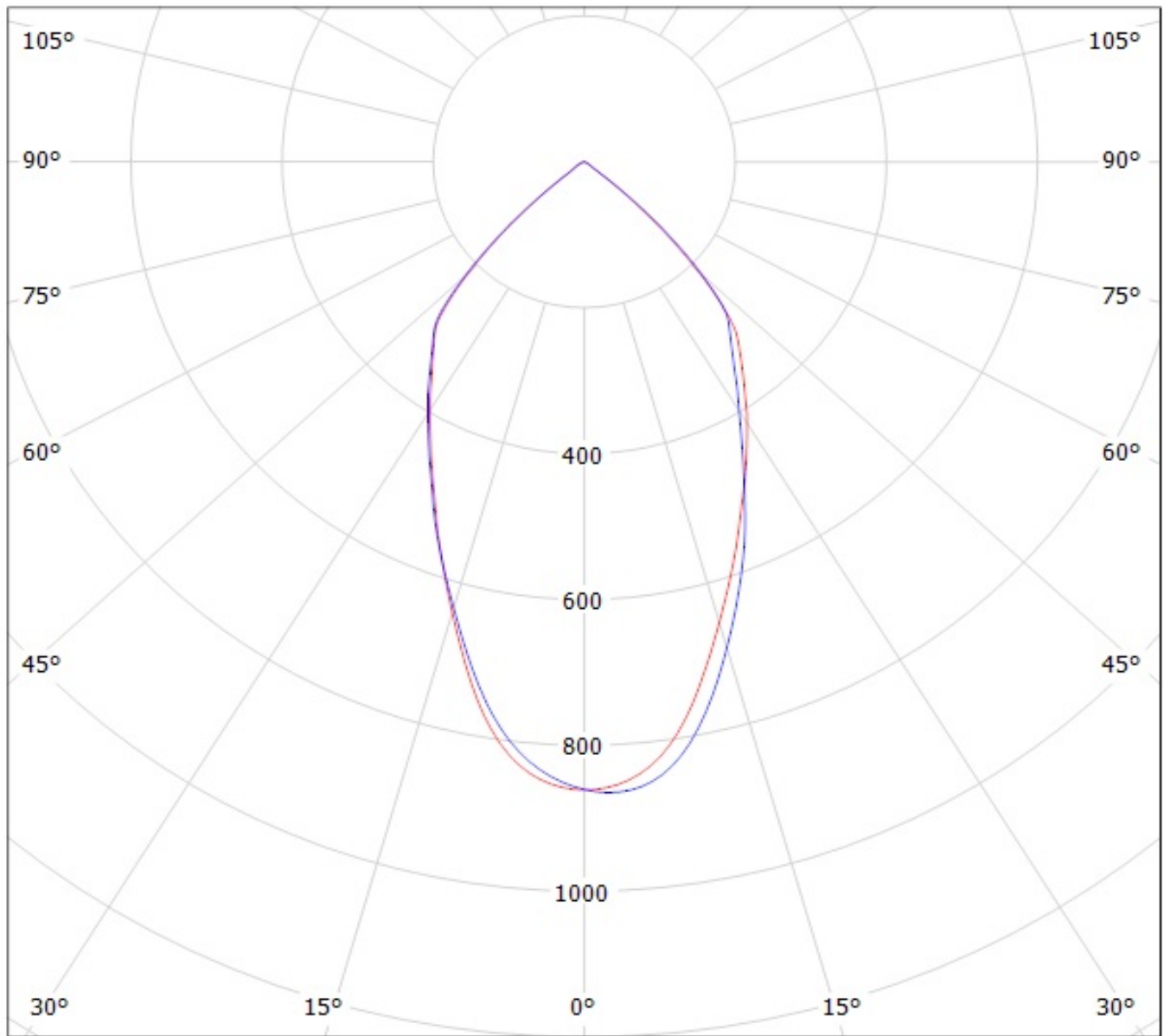
cd/klm

— C0 - C180 — C90 - C270

$\eta = 92\%$

Luminaire: LEDiL Oy F13661\_ANGELINA-W-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

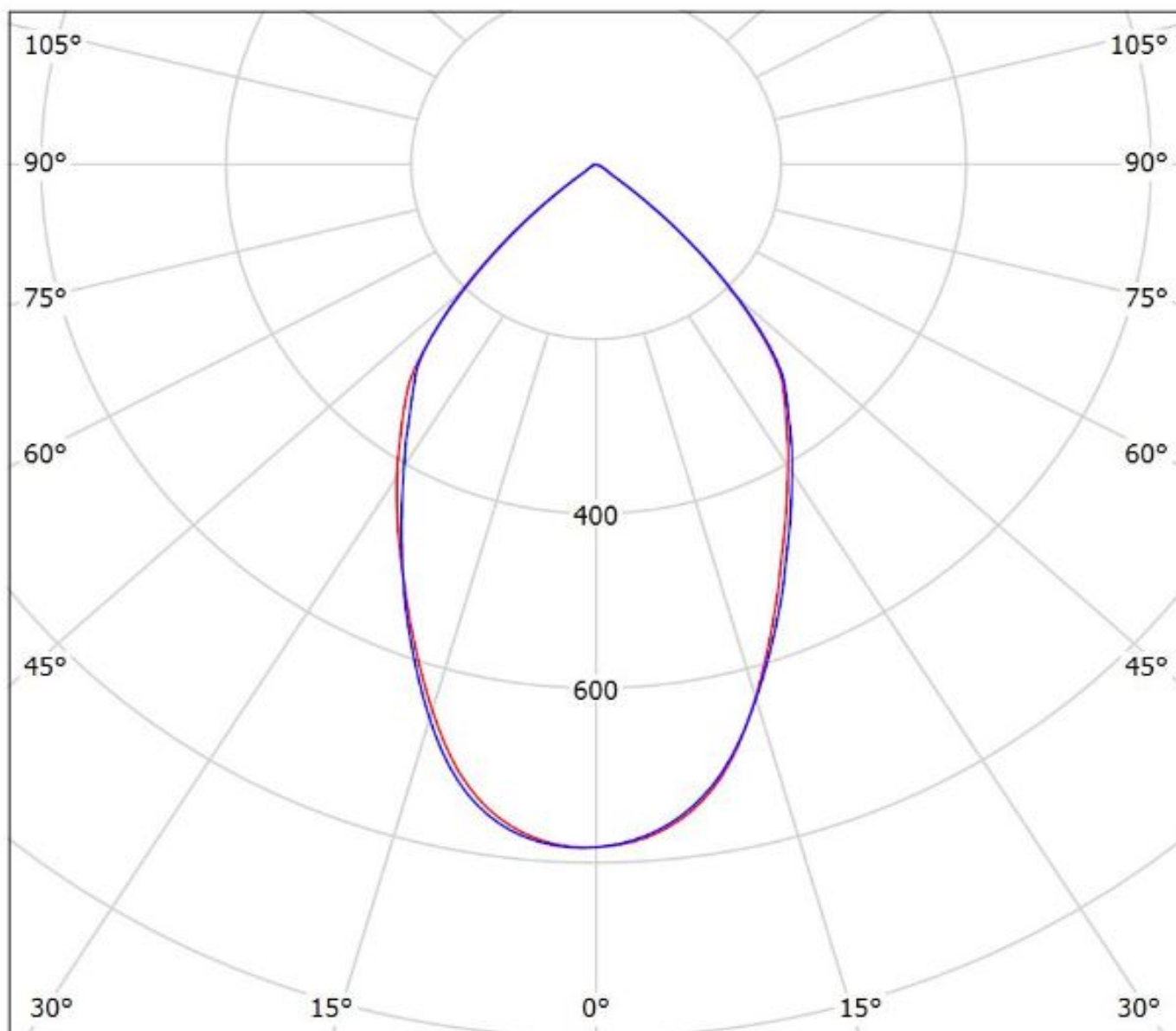
$\eta = 92\%$

— C0 - C180

— C90 - C270

Luminaire: Ledil F13661\_ANGELINA-W-B\_(CoB\_1216)

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



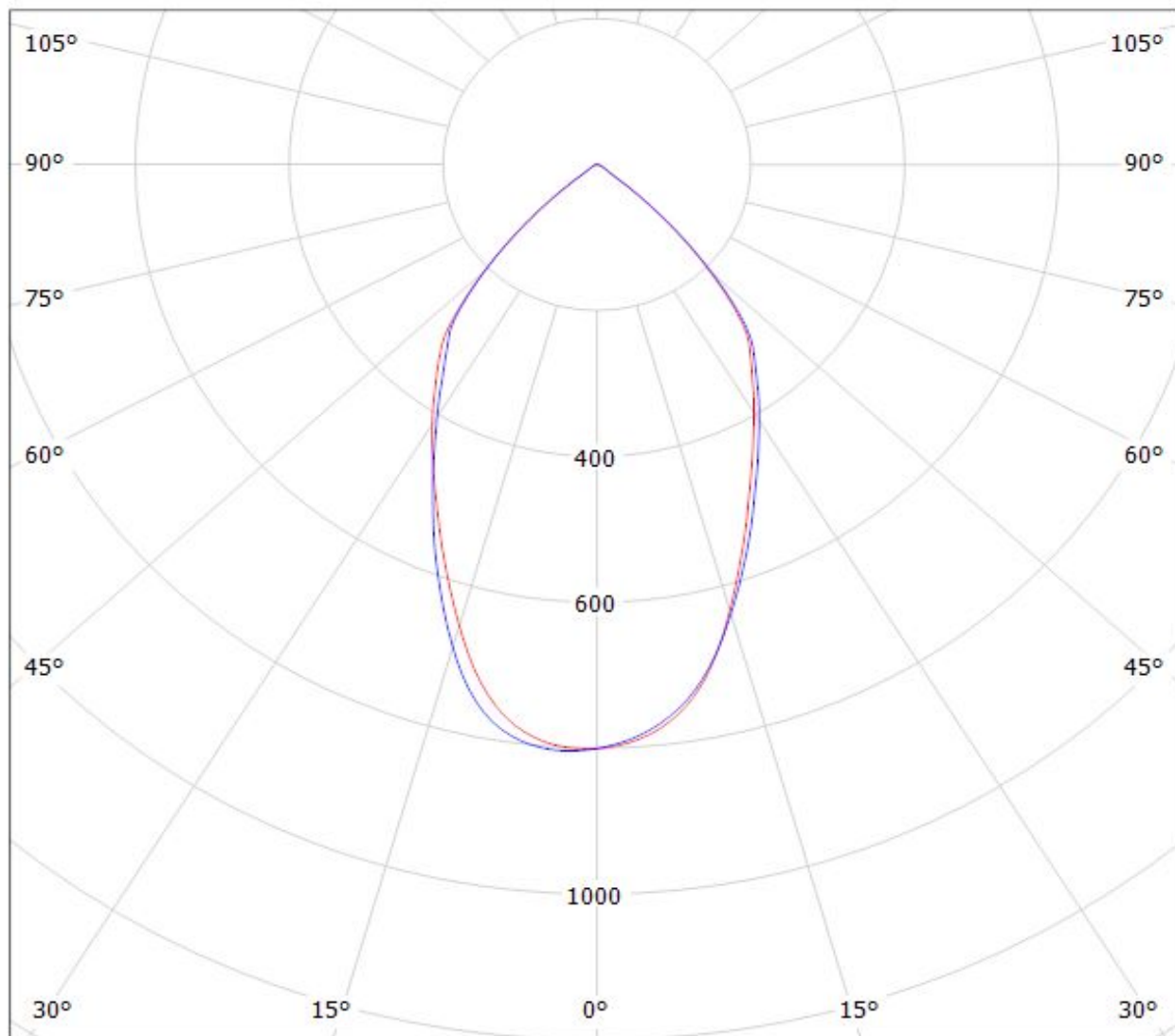
cd/klm

— C0 - C180 — C90 - C270

$\eta = 91\%$

Luminaire: LEDiL Oy F13661\_ANGELINA-W-B\_(CXM-22) Eff.91.6%

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



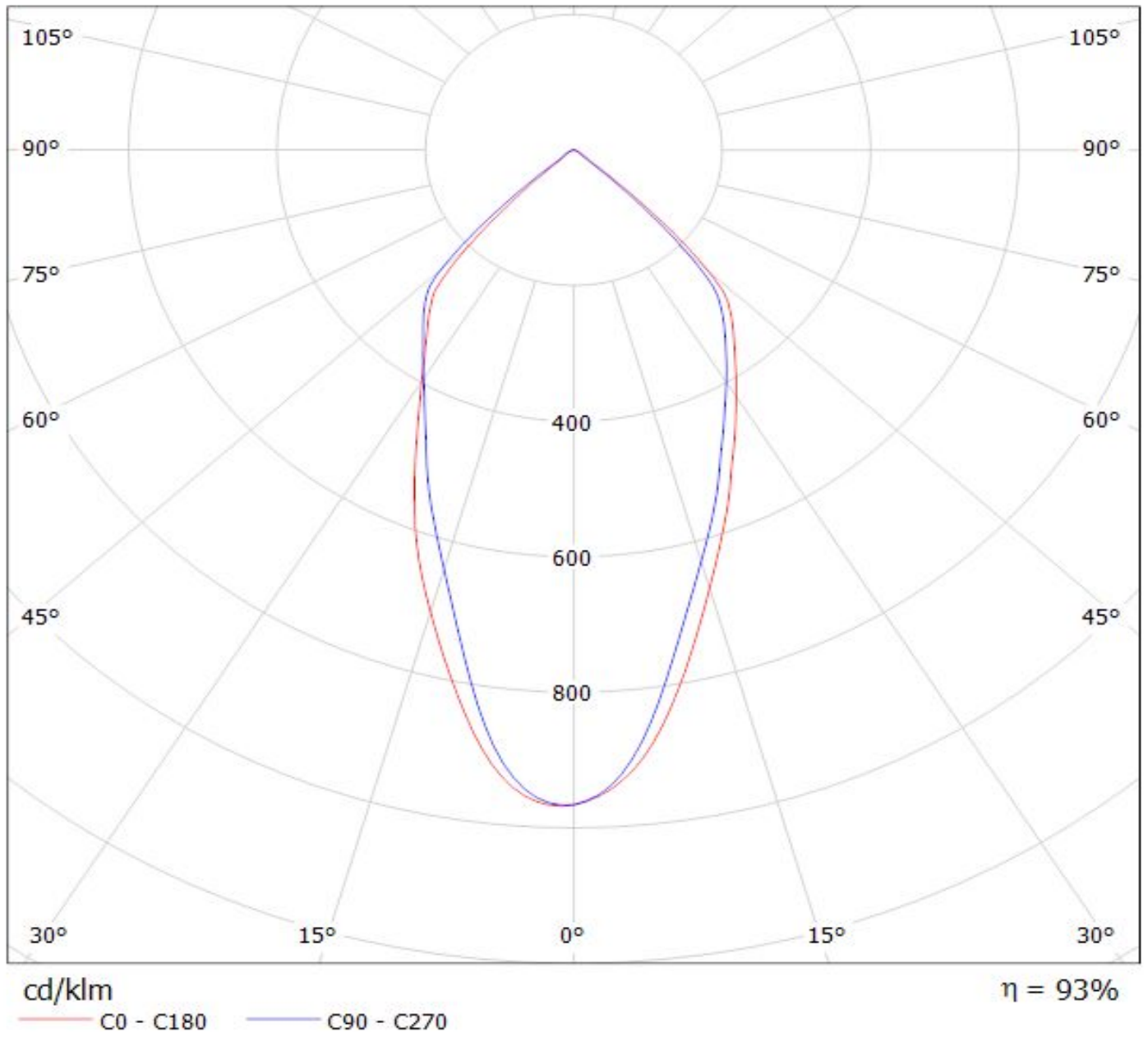
cd/klm

— C0 - C180

— C90 - C270

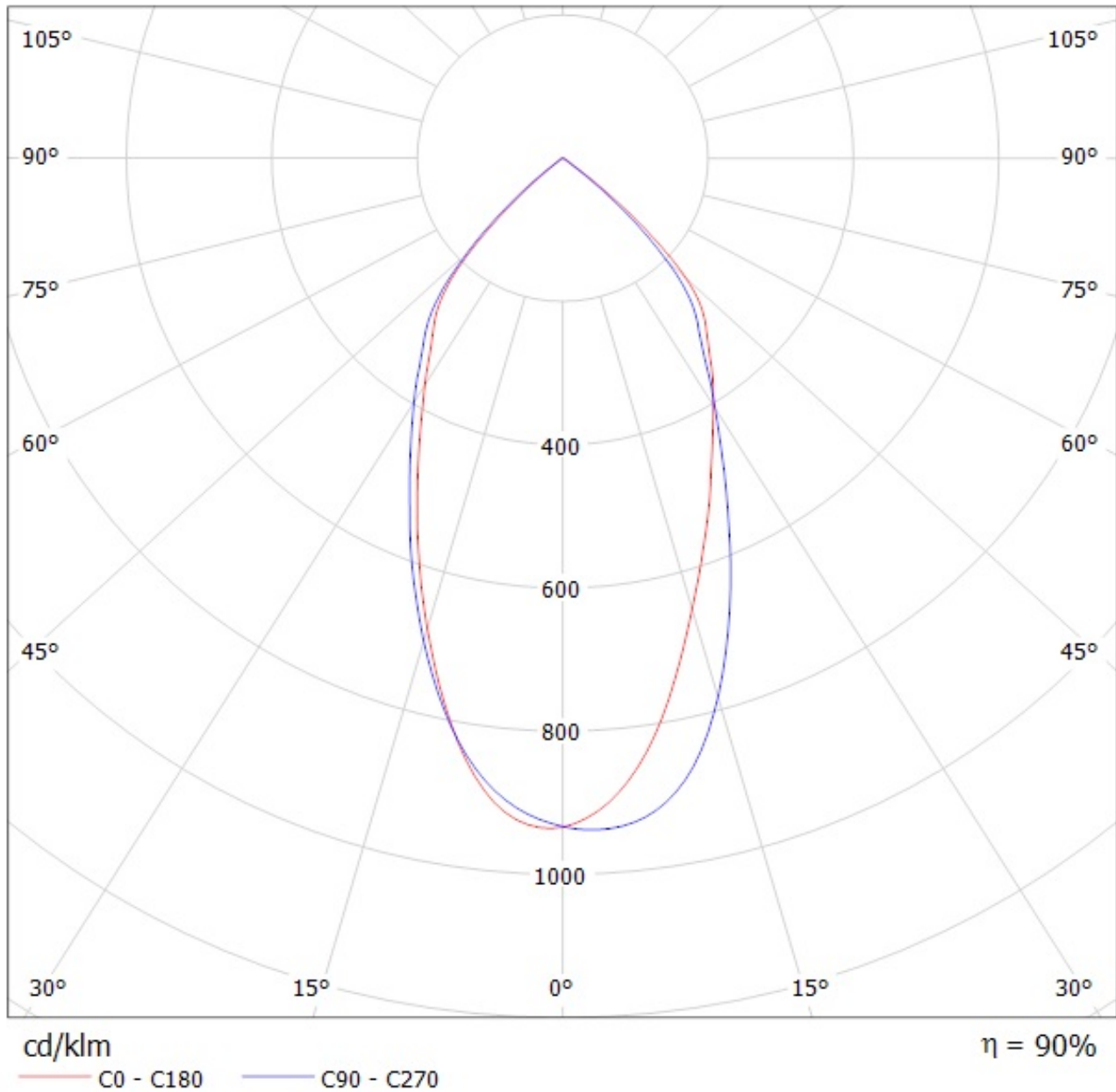
$\eta = 92\%$

Luminaire: LEDiL Oy F13661\_ANGELINA-W-B\_(CXM-14)  
Lamps: 1 x LUMINUS\_XNOVA\_CXM-14\_(AC00)  
\_1049.18lm@250mA\_CCT=3126K\_P=8.31834W\_I=249.8mA



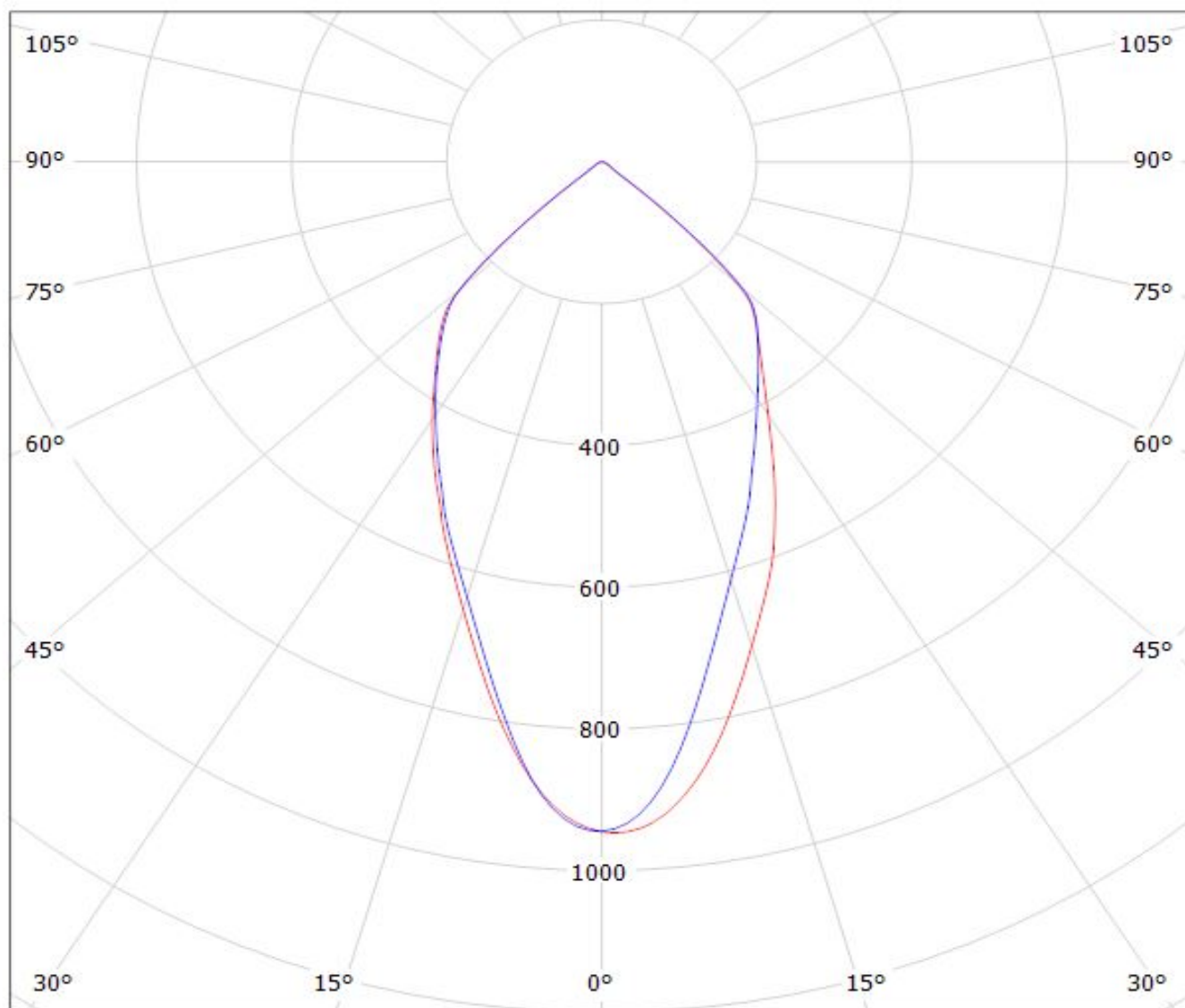
Luminaire: LEDiL Oy C13661\_ANGELINA-W-B\_(Soleriq-E30) Eff: 90%

Lamps: 1 x Osram Soleriq E30 (QW KAJRB2.EM-TPTR-50H4) 1358.6lm@250mA\_P=10.2338W\_I=0.2498mA



Luminaire: LEDiL Oy F13661\_ANGELINA-W-B\_(Soleriq\_S13) Eff.94.0%

Lamps: 1 x Osram\_Soleriq\_S13\_825.418lm@250mA\_CCT=3125K\_P=7.33663W\_I=249.8mA



cd/klm

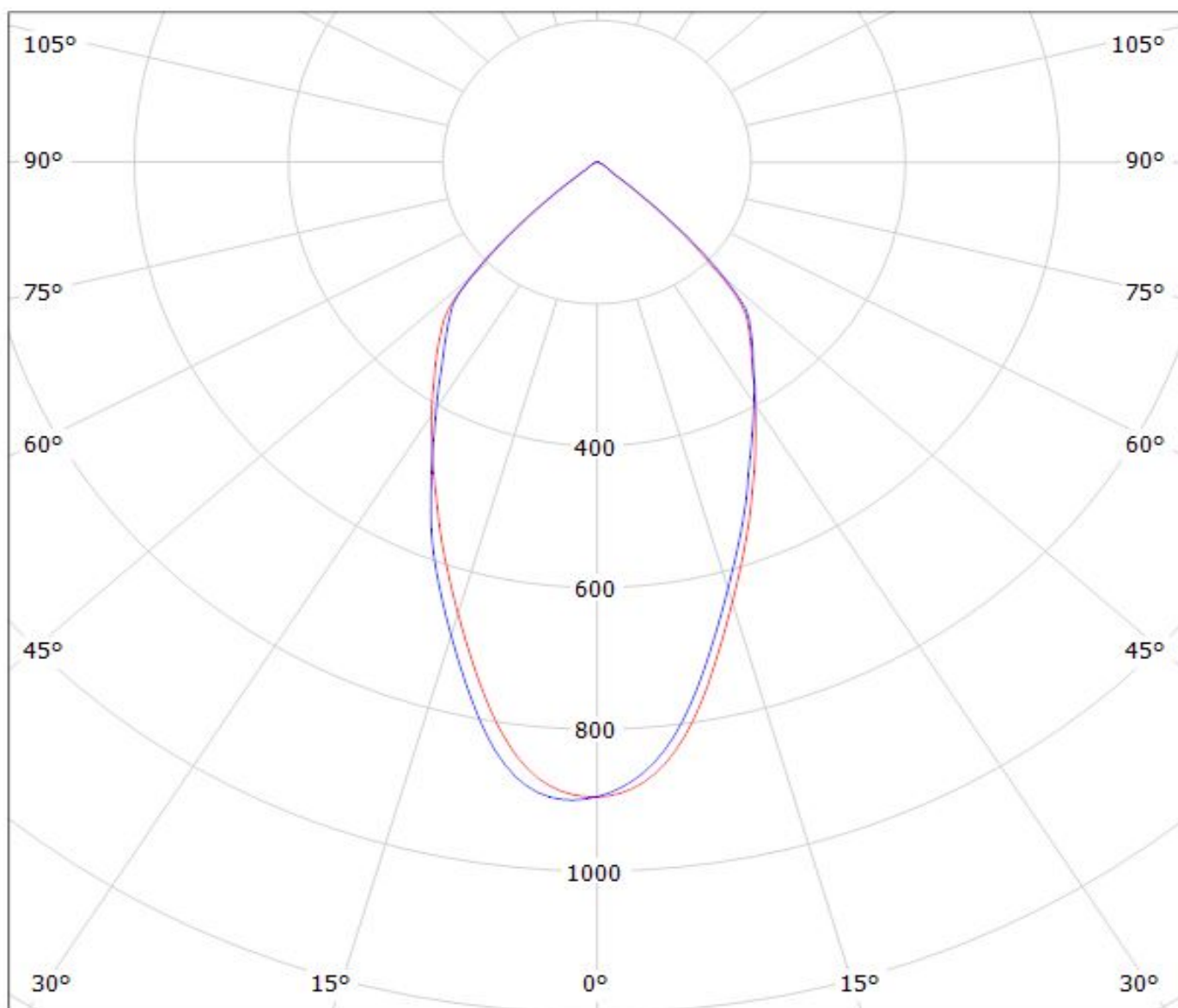
— C0 - C180

— C90 - C270

$\eta = 94\%$



Luminaire: LEDiL Oy F13661\_ANGELINA-W-B\_(Soleriq S19) Eff.90.0%  
Lamps: 1 x OSRAM\_SOLERIQ\_S19\_(GW\_KAHJB1.EM)  
\_1445.44lm@250mA\_CCT=3000K\_P=10.558W\_I=249.8mA



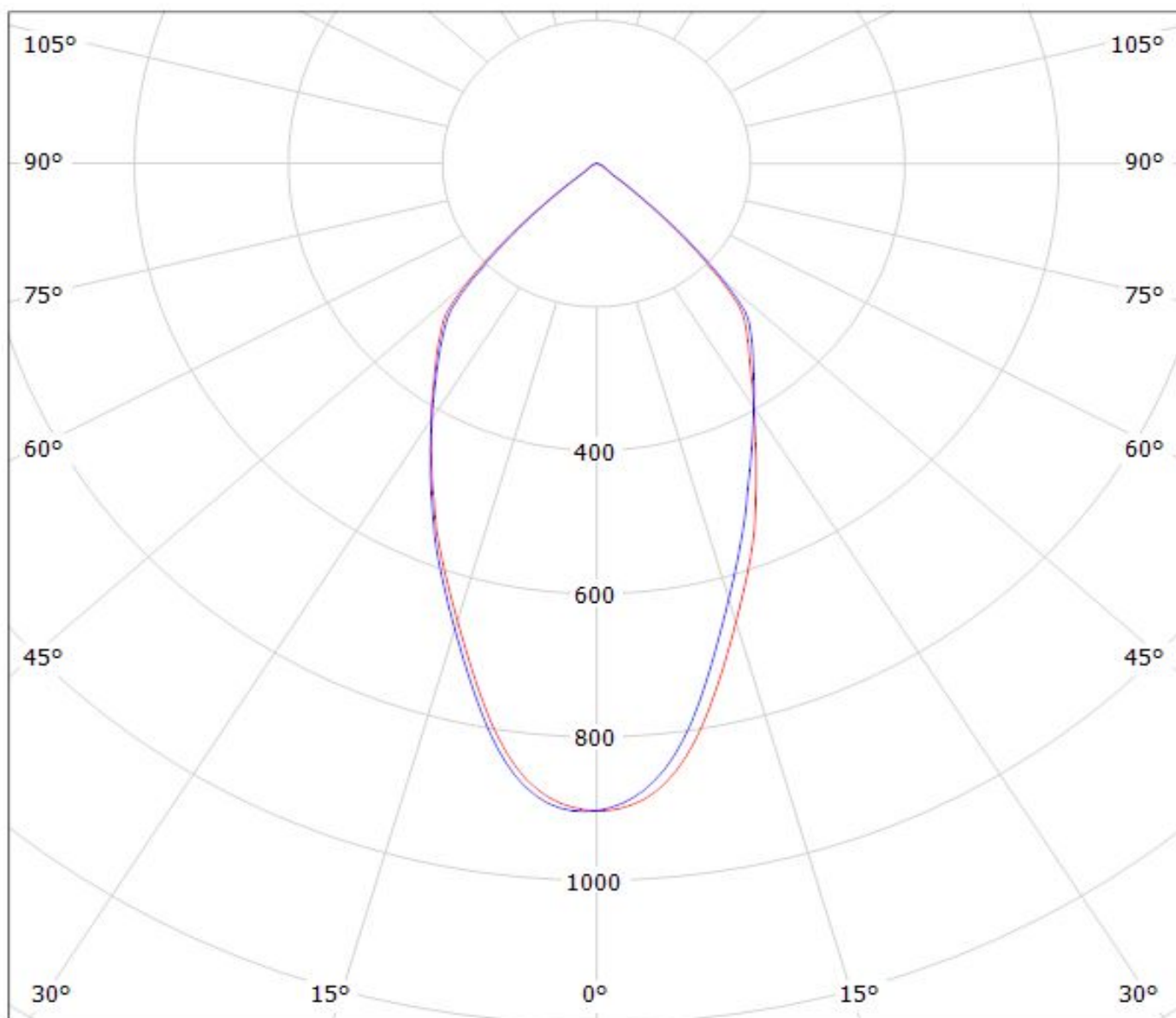
cd/klm

— C0 - C180 — C90 - C270

$\eta = 93\%$

Luminaire: LEDiL Oy F13661\_ANGELINA-W-B\_(S19) Eff.93.0%

Lamps: 1 x Osram\_SOLERIQ\_S19\_1434.85lm@250mA\_P=10.5595W\_I=249.8mA



cd/klm

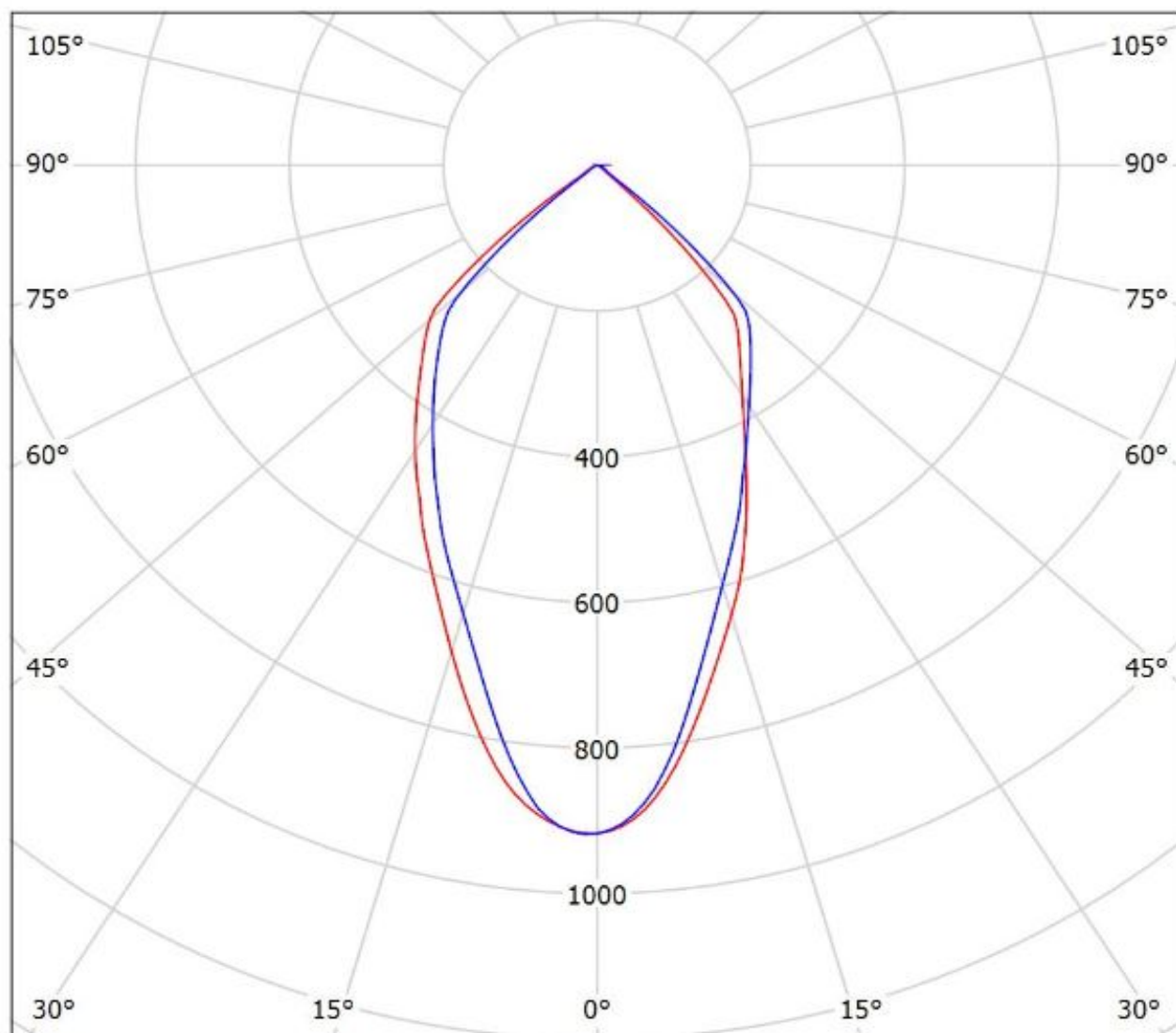
— C0 - C180

— C90 - C270

$\eta = 93\%$

Luminaire: LEDiL Oy F13661\_ANGELINA-W-B\_(SOLERIQ\_P13) Eff.93.6%

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



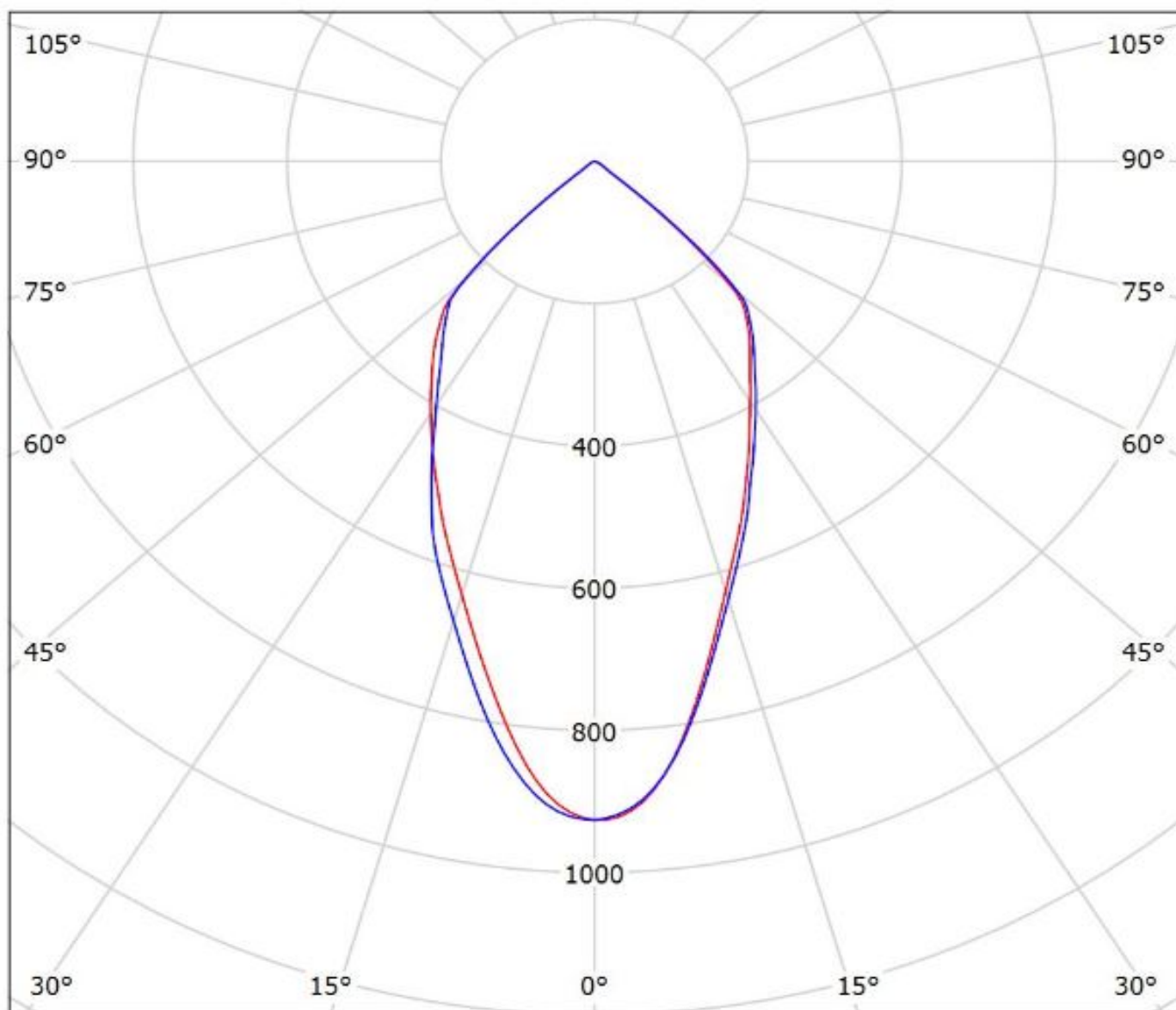
cd/klm

— C0 - C180 — C90 - C270

$\eta = 94\%$

Luminaire: Ledil F13661\_ANGELINA-W-B\_(Soleriq\_S13\_G2)

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

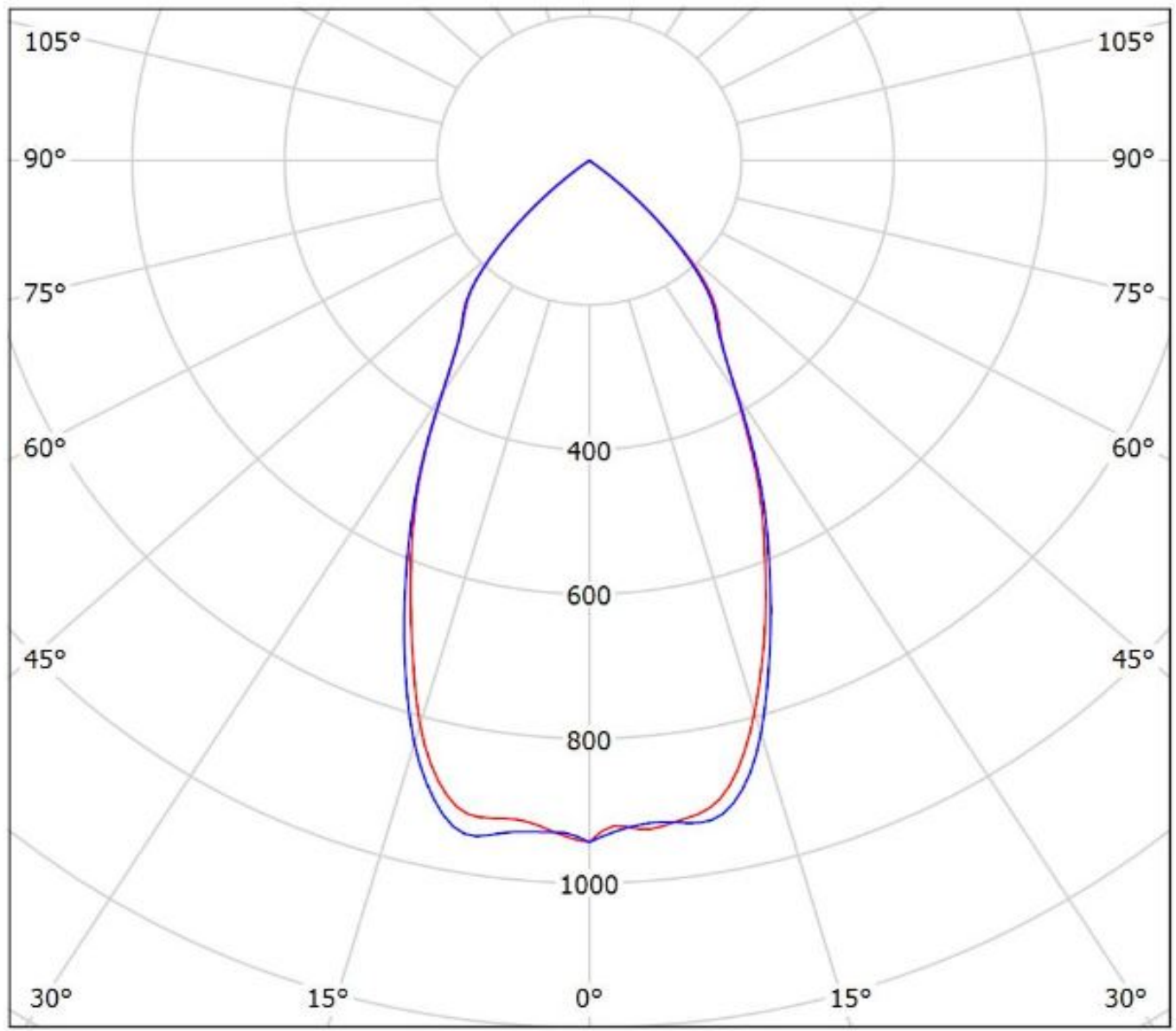


cd/klm

— C0 - C180 — C90 - C270

$\eta = 93\%$

Luminaire: Ledil Oy F13661\_ANGELINA-W-B+\_BJB\_47.319.2030\_SAMSUNG\_COB\_D\_LC040D\_SIMULAT  
Lamps: 1 x SAMSUNG LC040D

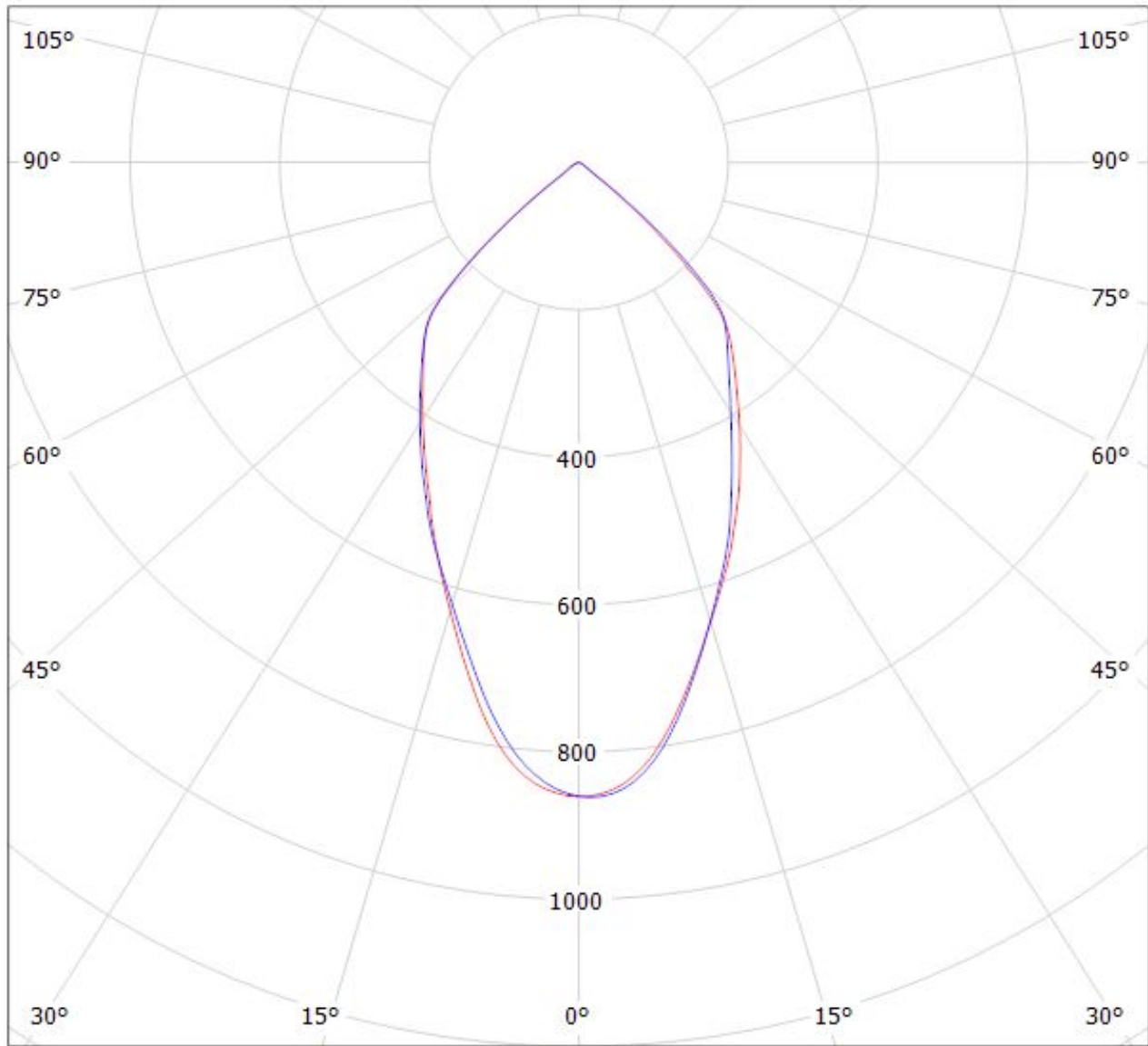


cd/klm  
— C0 - C180 — C90 - C270

$\eta = 90\%$

Luminaire: LEDiL Oy F13661\_ANGELINA-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



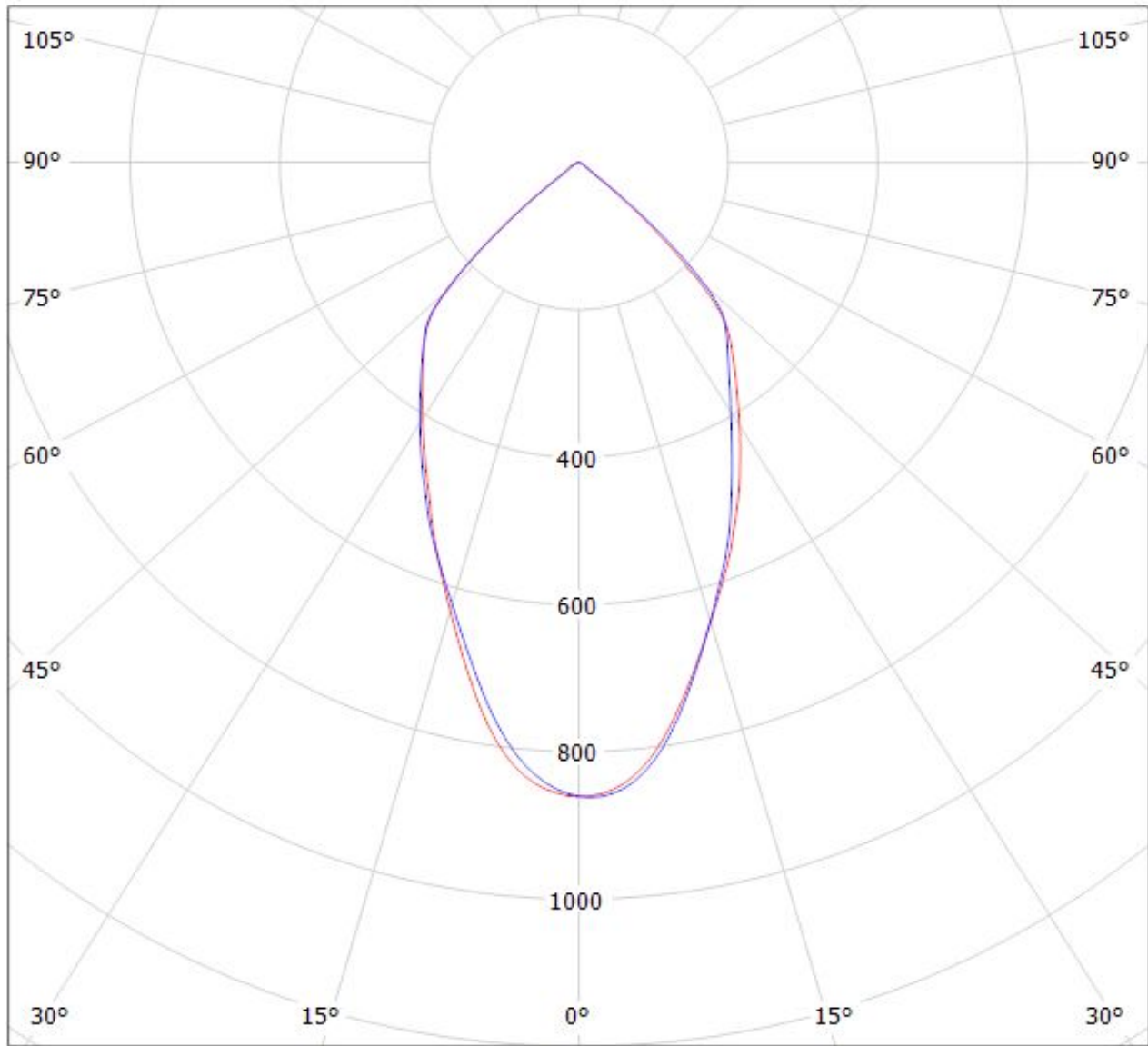
cd/klm

— C0 - C180 — C90 - C270

$\eta = 93\%$

Luminaire: LEDiL Oy F13661\_ANGELINA-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



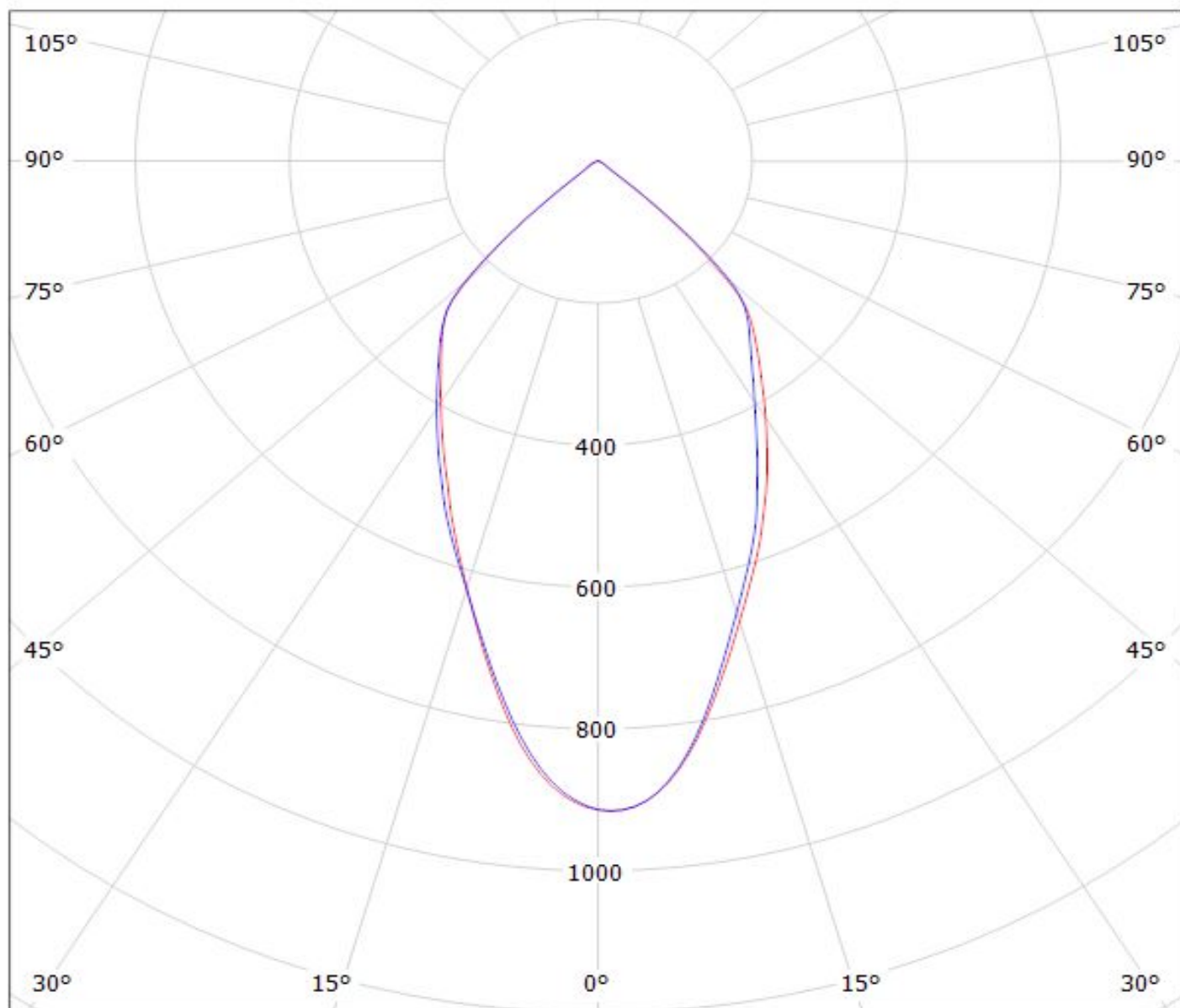
cd/klm

— C0 - C180 — C90 - C270

$\eta = 93\%$

Luminaire: LEDiL Oy F13661\_ANGELINA-W-B\_(ZC12)

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



cd/klm

— C0 - C180

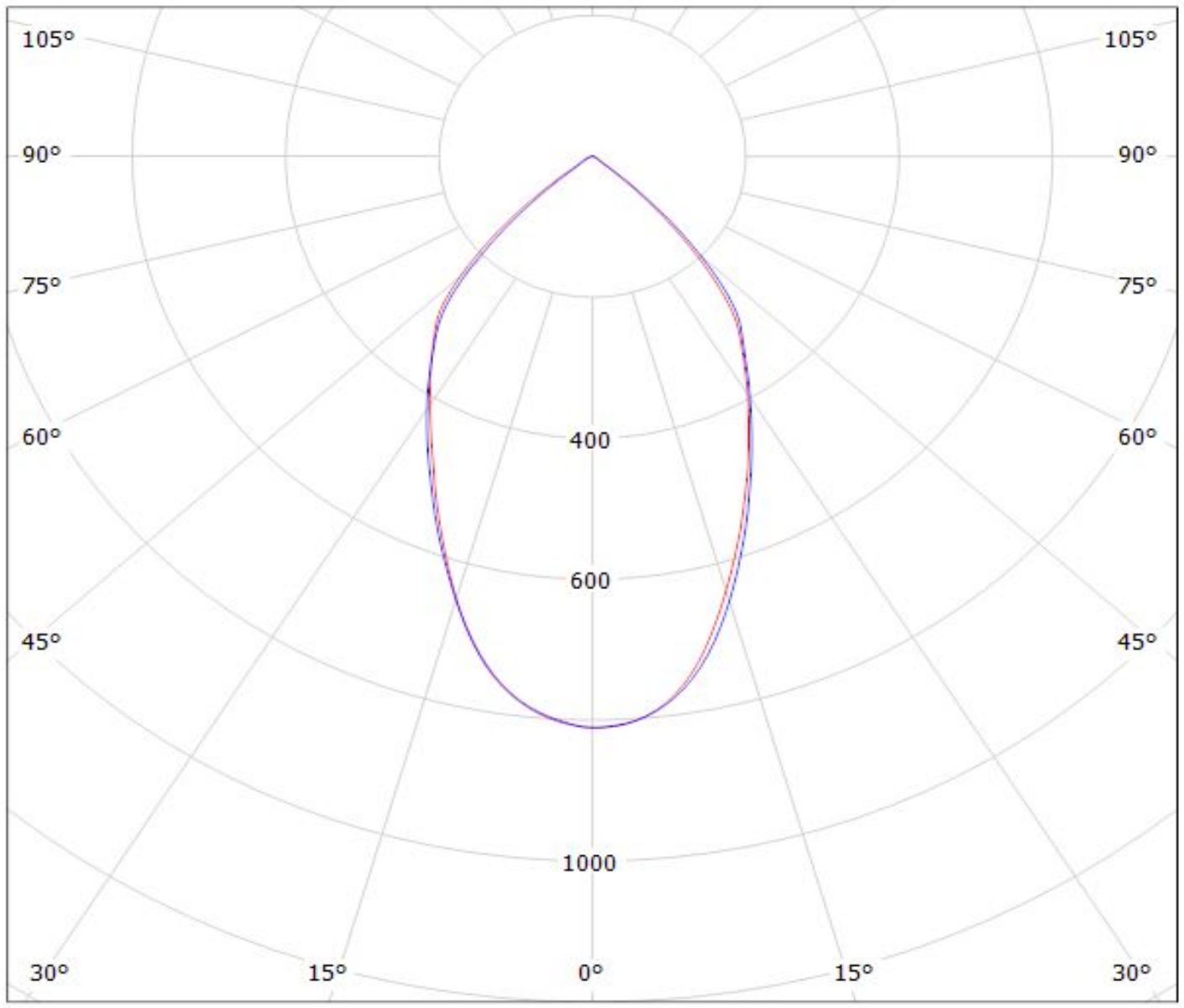
— C90 - C270

$\eta = 93\%$



Luminaire: LEDiL Oy F13661\_ANGELINA-W-B\_(ZC40)

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

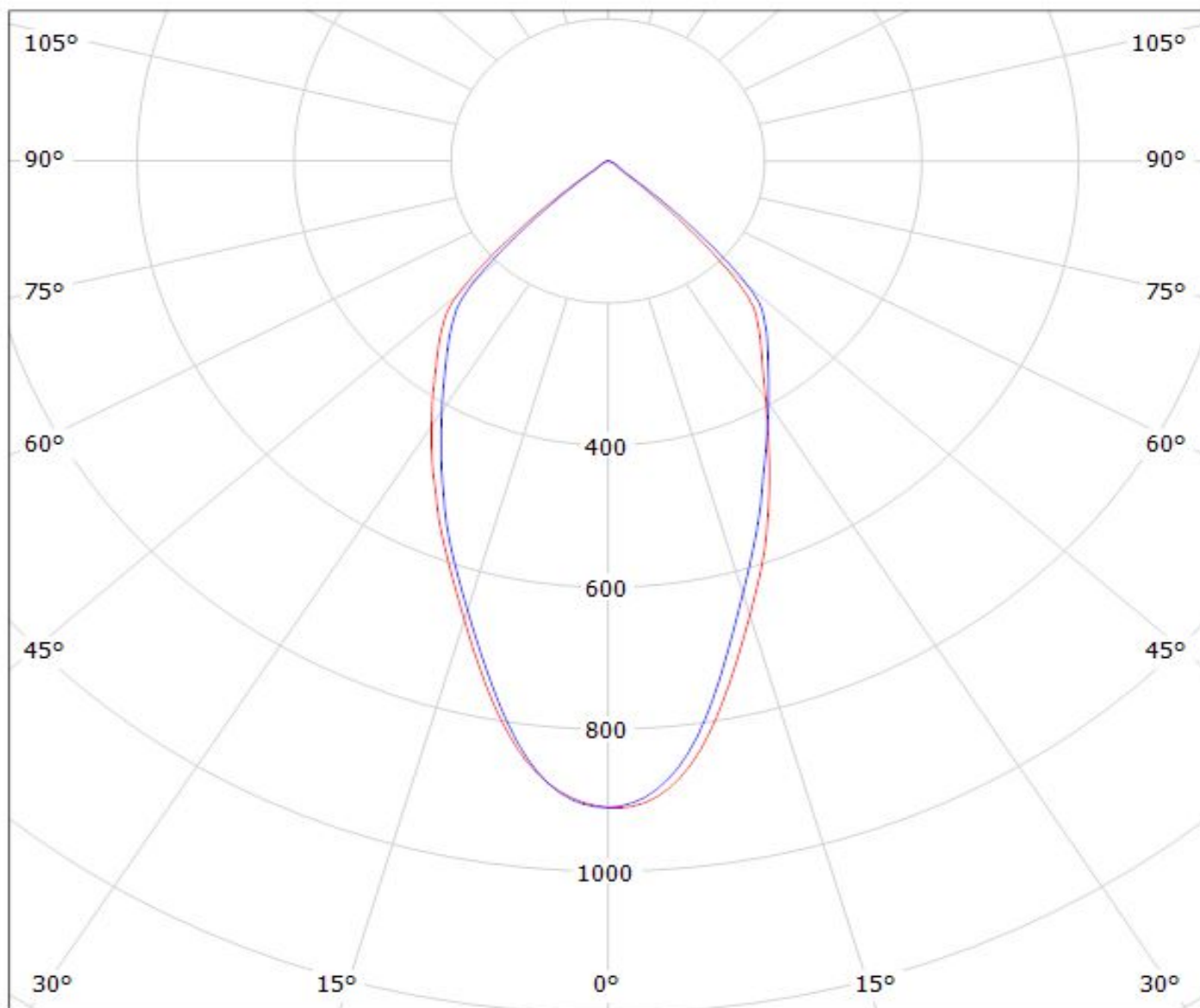


cd/klm

— C0 - C180    — C90 - C270

$\eta = 92\%$

Luminaire: LEDiL Oy F13661\_ANGELINA-W-B\_(MegaZenigata\_GW6)  
Lamps: 1 x Sharp\_MegaZenigata\_GW6\_(GW6DME30NFC)  
\_1266.19lm@250mA\_CCT=3038K\_P=11.2151W\_I=250.6mA



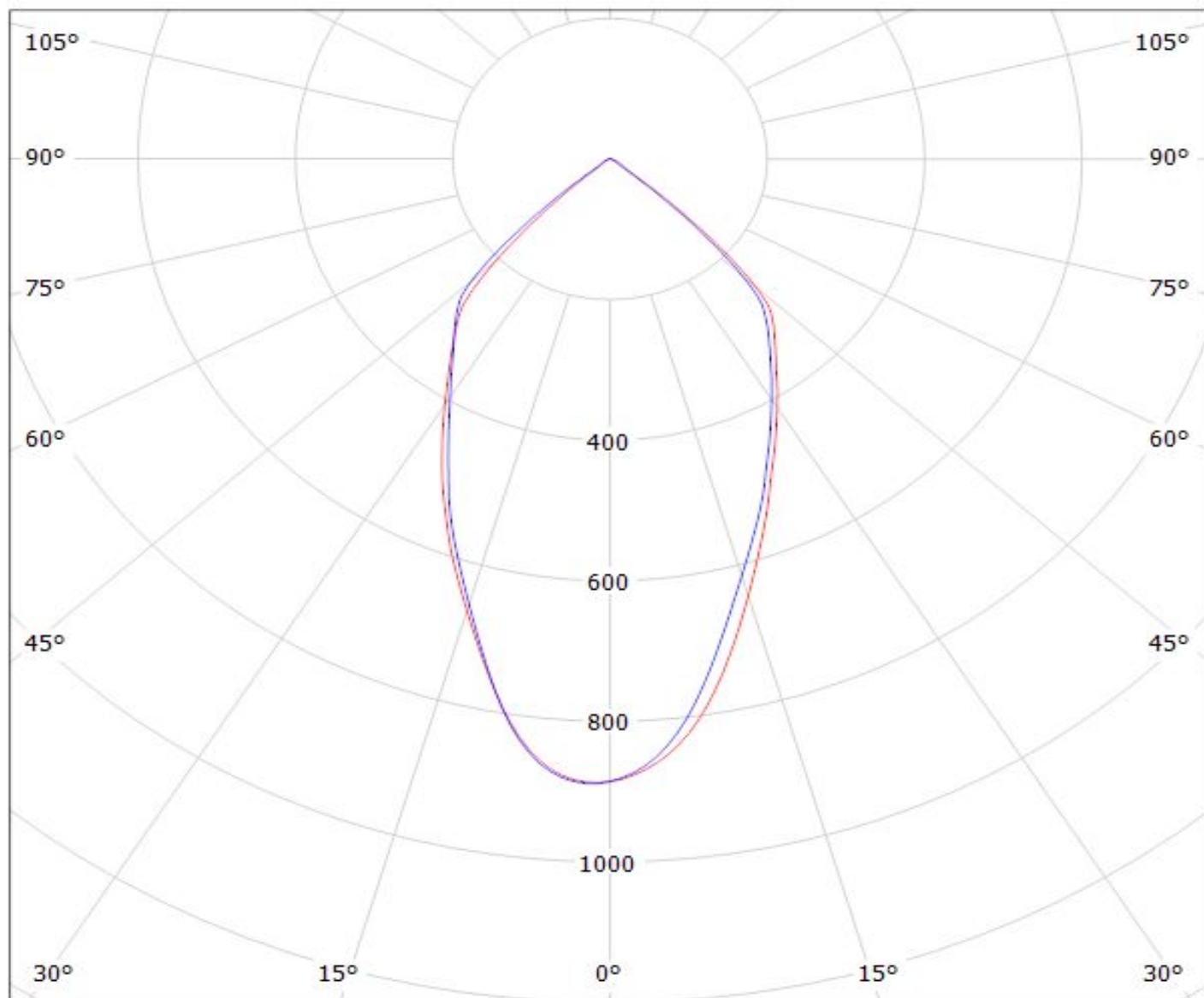
cd/klm

— C0 - C180

— C90 - C270

$\eta = 94\%$

Luminaire: LEDiL Oy F13661\_ANGELINA-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



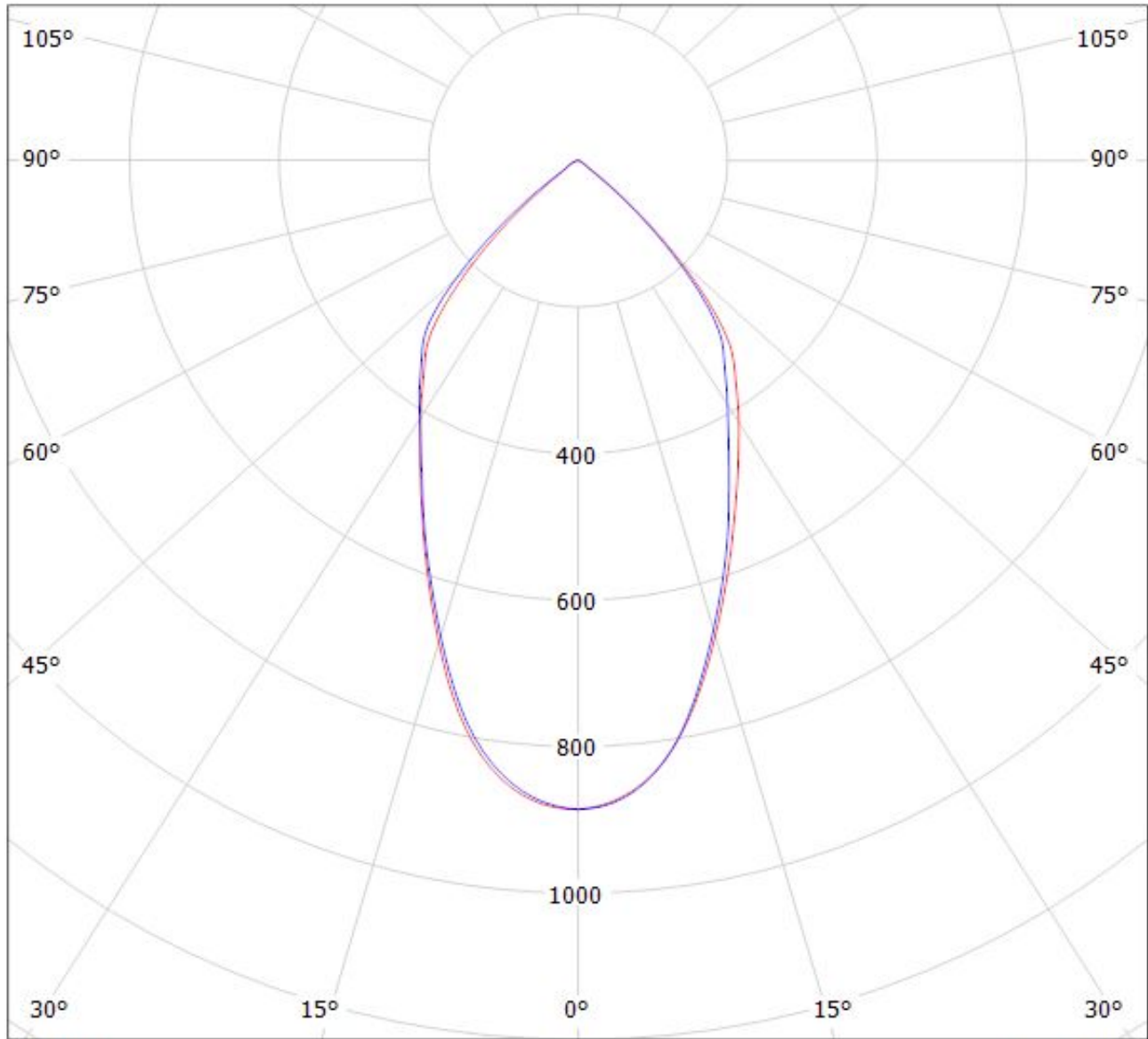
cd/klm

— C0 - C180    — C90 - C270

$\eta = 93\%$

Luminaire: LEDiL Oy F13661\_ANGELINA-W-B\_(SLE G4 LES23)

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



cd/klm

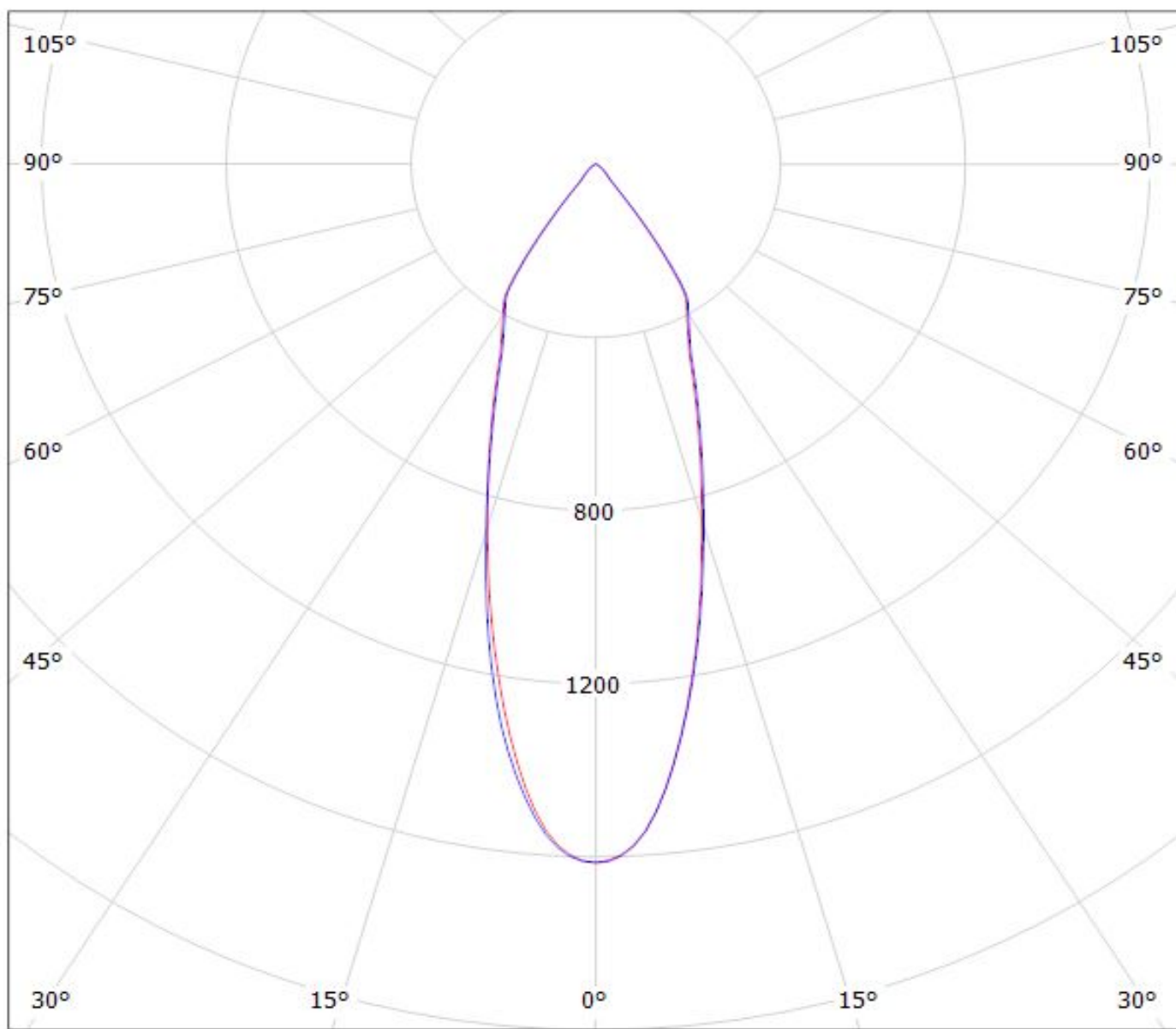
— C0 - C180

— C90 - C270

$\eta = 92\%$

Luminaire: LEDiL Oy F13661\_ANGELINA-W-B\_(SLE GEN4 LES19)

Lamps: 1 x SLE GEN4 LES19\_1227.01lm@250mA\_P=8.21492W\_η=0.2498A



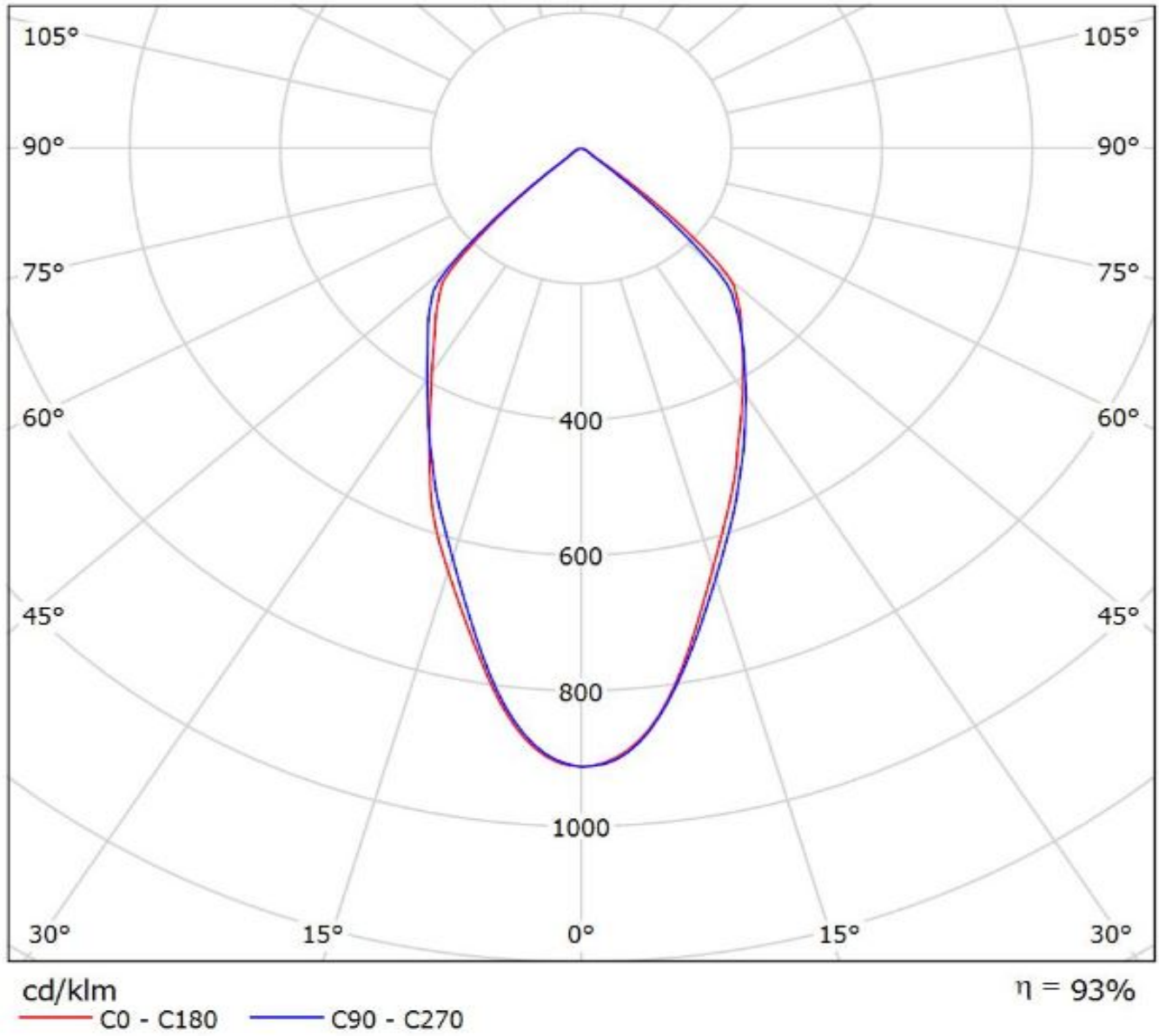
cd/klm

$\eta = 81\%$

— C0 - C180

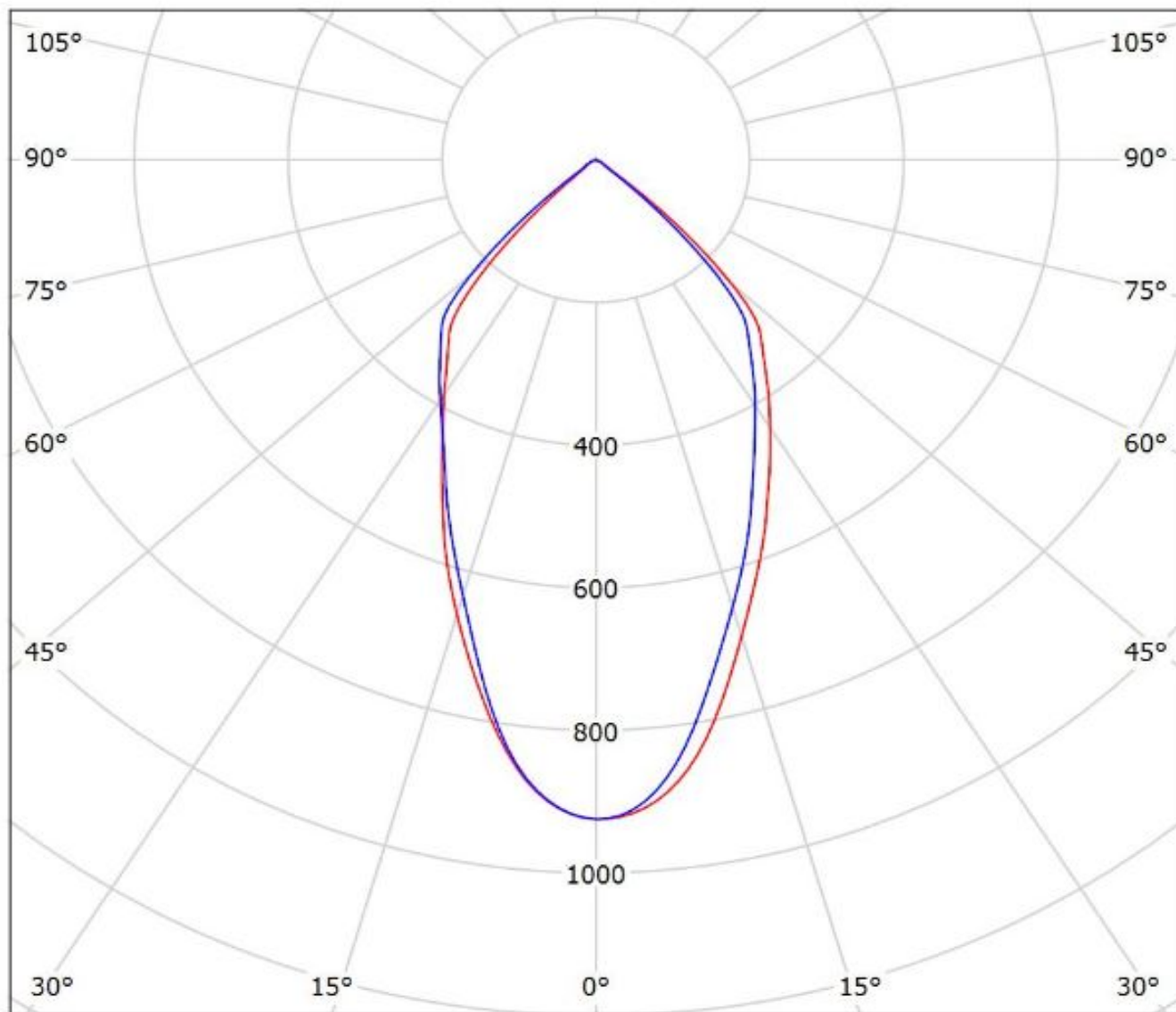
— C90 - C270

Luminaire: LEDiL Oy F13661\_ANGELINA-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 F13661\_ANGELINA-W-B\_(SLE-G5\_LES-19)

Lamps: 1 x Tridonic\_SLE-G5\_LES-19\_1334.47lm@250mA\_P=8.2224W\_I=0.250A



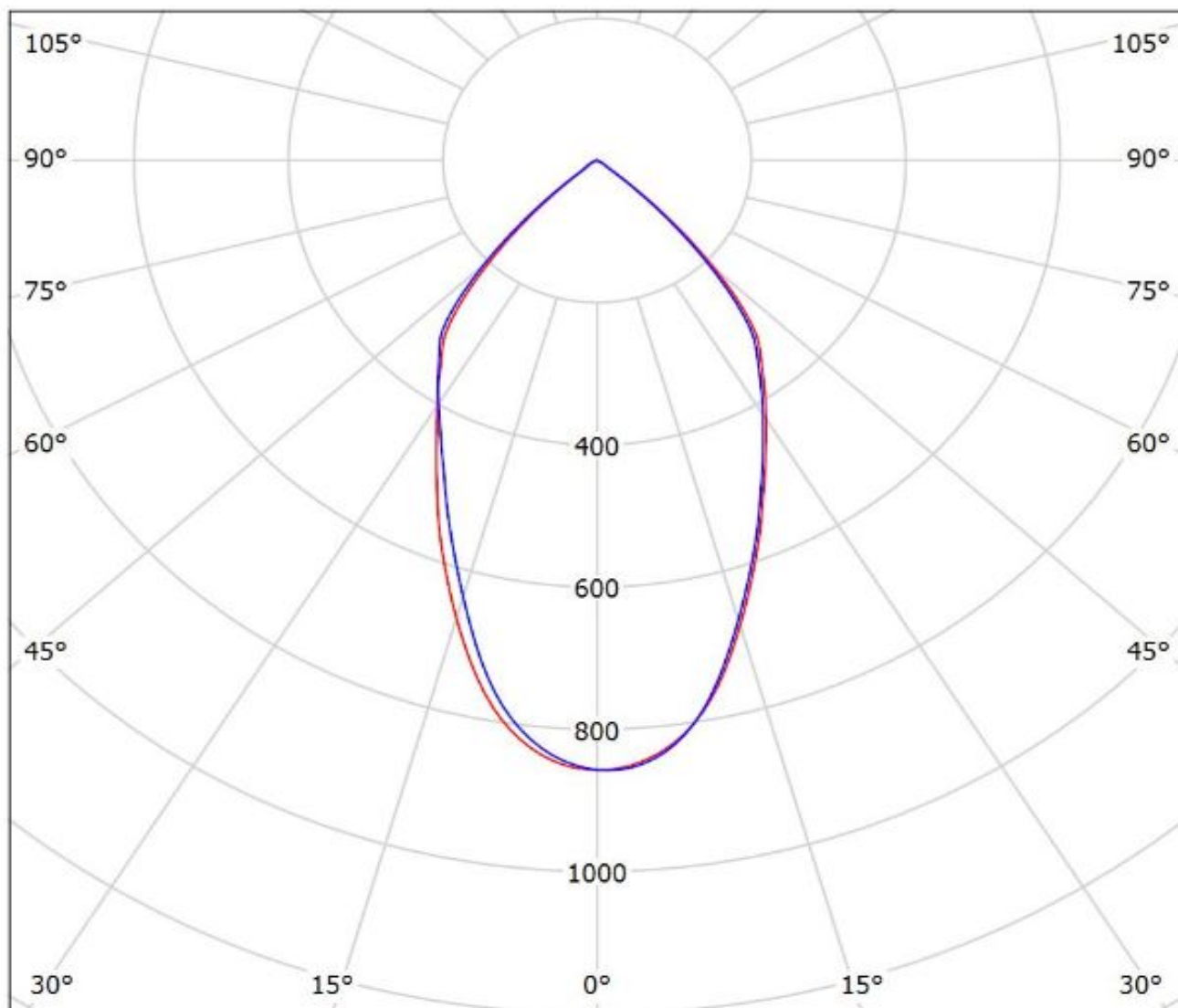
cd/klm

— C0 - C180 — C90 - C270

$\eta = 91\%$

Luminaire: LEDiL Oy F13661\_ANGELINA-W-B\_(SLE-G5\_LES-23)

Lamps: 1 x Tridonic\_SLE-G5\_LES-23\_1371.74lm@250mA\_P=8.1065W\_I=0.250A



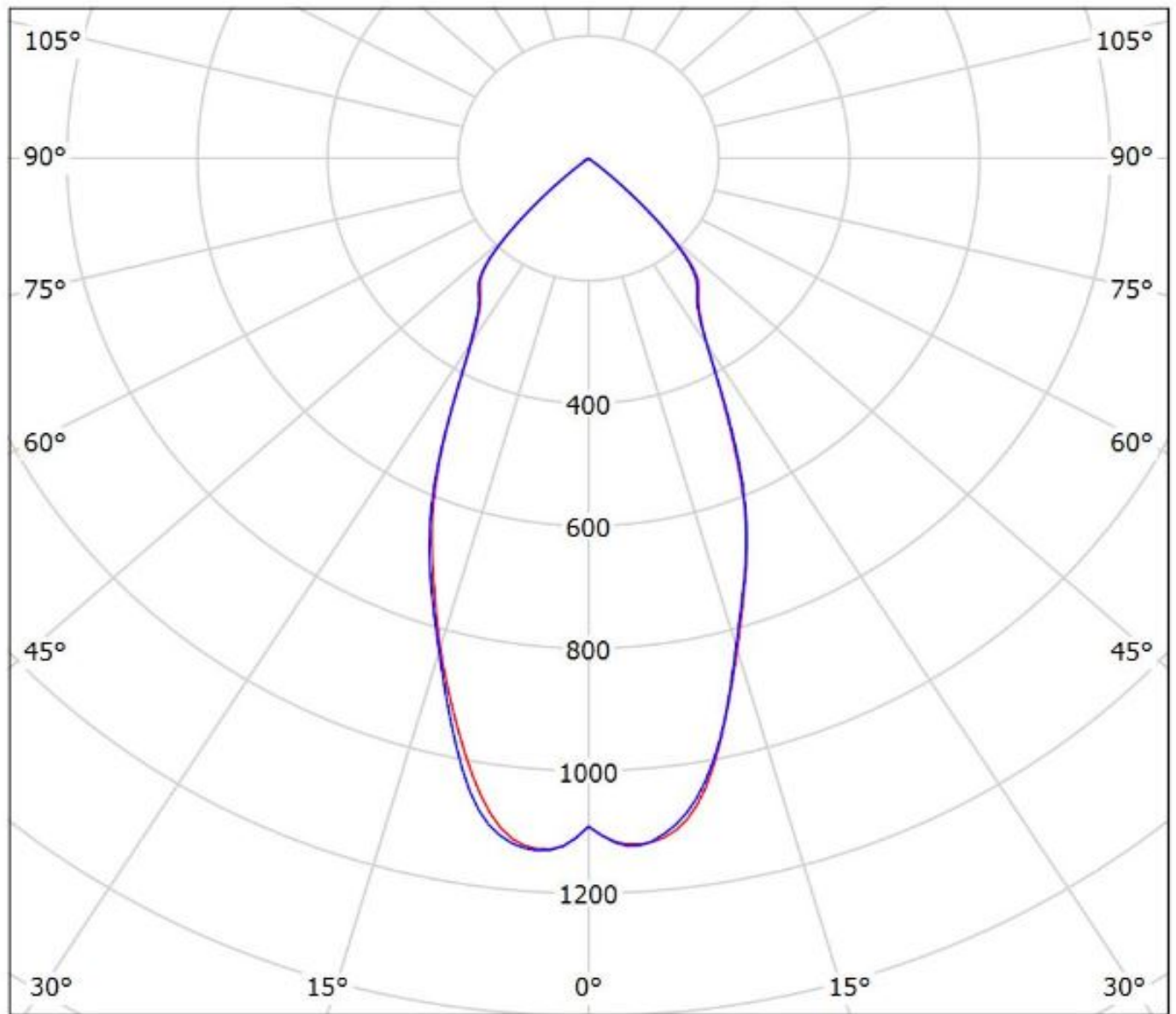
cd/klm

— C0 - C180 — C90 - C270

$\eta = 91\%$



Luminaire: Ledil Oy F13661\_ANGELINA-W-B\_TRIDONIC\_SLE\_G6\_LES19\_H\_SIMULATED  
Lamps: 1 x TRIDONIC SLE G6 LES19 H



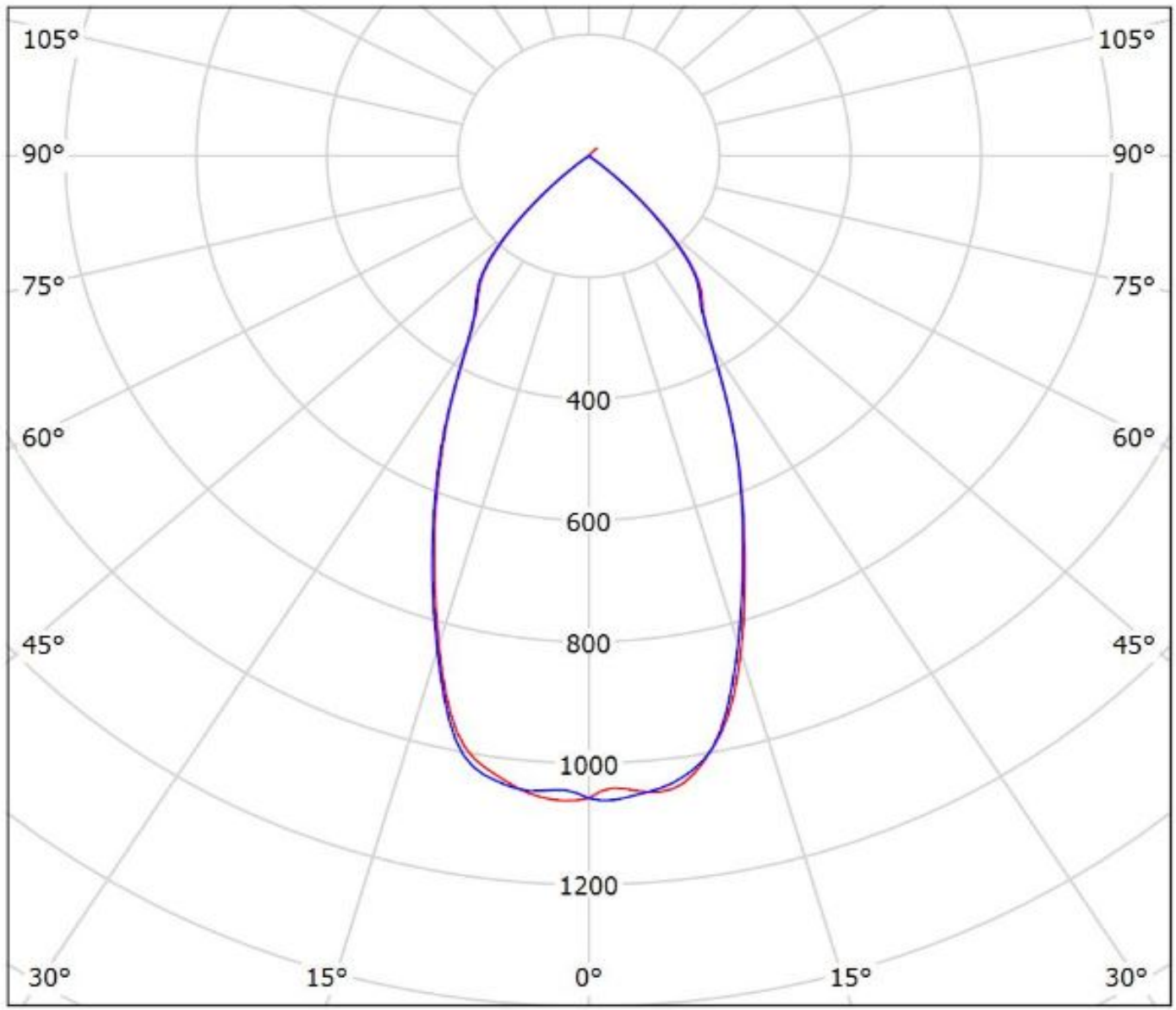
cd/klm

— C0 - C180

— C90 - C270

$\eta = 91\%$

Luminaire: Ledil Oy F13661\_ANGELINA-W-B\_TRIDONIC\_SLE\_G6\_LES23\_H\_SIMULATED  
Lamps: 1 x TRIDONIC SLE G6 LES23 H

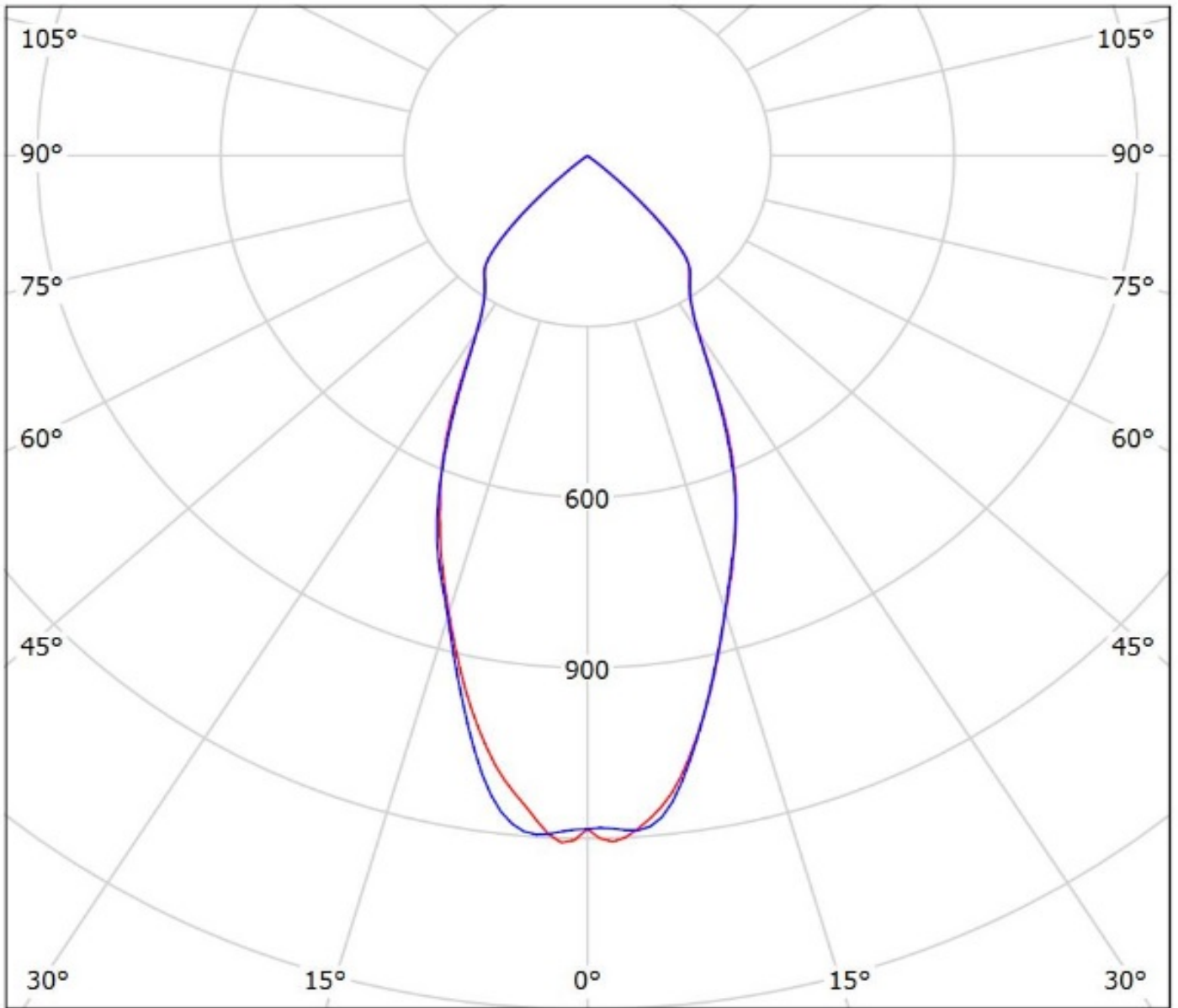


cd/klm

— C0 - C180 — C90 - C270

$\eta = 91\%$

Luminaire: Ledil Oy F13661\_ANGELINA-W-B\_(SLE\_G6\_LES17\_H)\_SIMULATED  
Lamps: 1 x Tridonic SLE G6 LES17 H



cd/klm

— C0 - C180 — C90 - C270

$\eta = 91\%$

**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.