

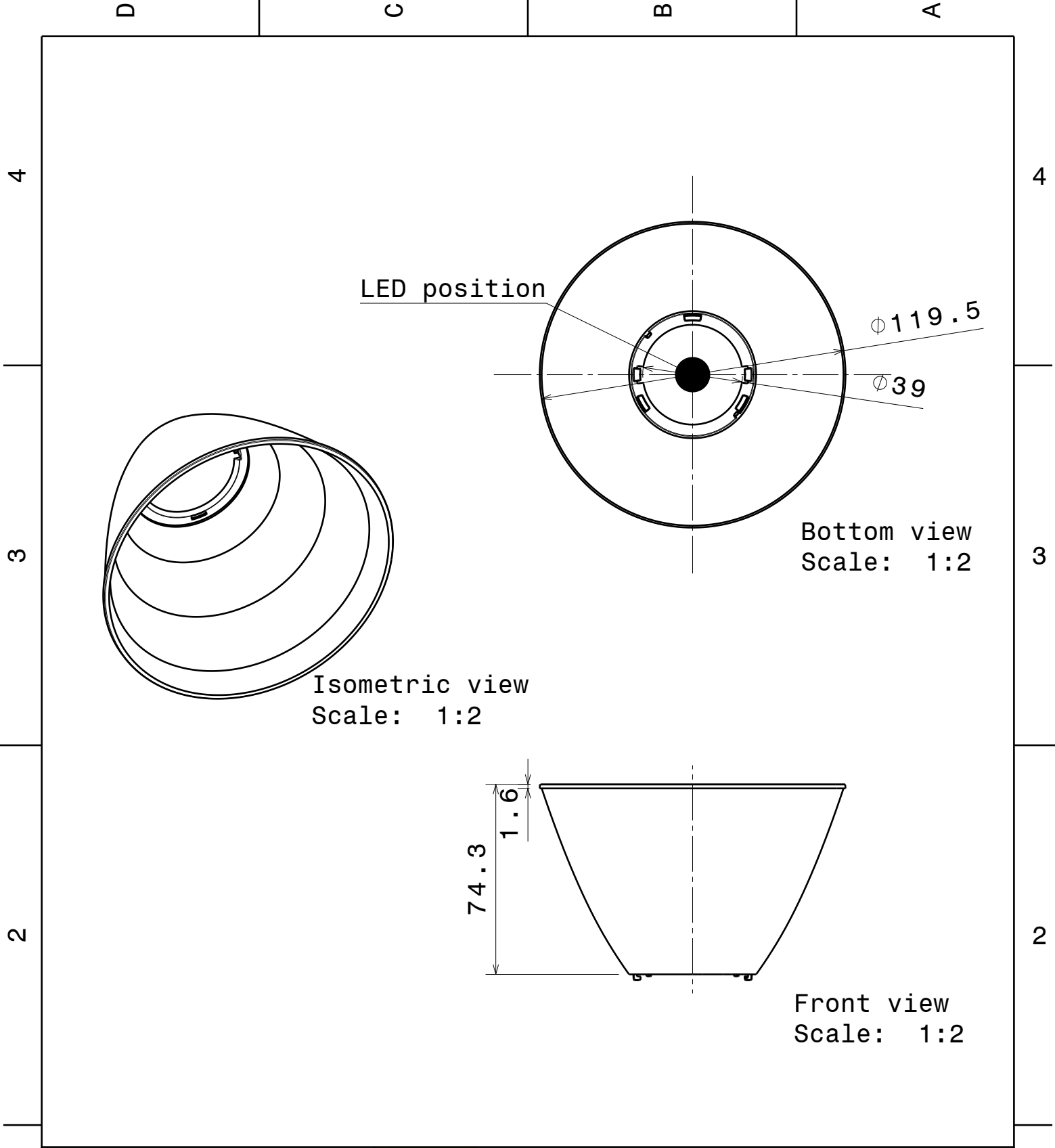
### DETAILS

|                        |                   |
|------------------------|-------------------|
| <b>Product Number</b>  | F13662_ANGELA-S-B |
| <b>Family</b>          | ANGELA            |
| <b>Type</b>            | Reflector         |
| <b>Color</b>           | metal             |
| <b>Diameter</b>        | 119,5 mm          |
| <b>Height</b>          | 74,5 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>    | 4/09/2015         |



### OPTICAL PROPERTIES

| LED                     | Viewing  | Light | Effi-     |             |                         |
|-------------------------|----------|-------|-----------|-------------|-------------------------|
|                         | Angle    | Beam  | ciency    | cd/lm       | Connector               |
| CLU730                  | sim: 8.5 | Spot  | sim: 92 % | sim: 22.200 | BJB: 47.319.2030        |
| CLU720                  | 7 deg    | Spot  | 94 %      | 25.000      | A.A.G. STUCCHI: 8101/G2 |
| BXRA ES Rectangle       | 8 deg    | Spot  | 94 %      | 20.740      | BJB: 47.319.2040        |
| COB 10W/13W/17W/24W     | 8 deg    | Spot  | 94 %      | 16.200      | BJB: 47.319.2080        |
| Soleriq S13             | 8 deg    | Spot  | 94 %      | 21.570      | A.A.G. STUCCHI: 8502/G2 |
| SLE G5 LES15            | 8,7 deg  | Spot  | 92 %      | 19.200      | BJB: 47.319.2021        |
| Soleriq S13 Gen2        | 8.5 deg  | Spot  | 89 %      | 19.700      | BJB: 47.319.2021        |
| LUXEON K12              | 9 deg    | Spot  | 94 %      | 17.300      | BJB: 47.319.2070        |
| CLL03x/CLU03x           | 9 deg    | Spot  | 94 %      | 18.300      | BJB: 47.319.2021        |
| CXM-14                  | 9 deg    | Spot  | 93 %      | 16.300      | BJB: 47.319.2021        |
| LUXEON CoB 1204/1205    | 9 deg    | Spot  | 93 %      | 19.200      | A.A.G. STUCCHI: 8301/G2 |
| COB 10W/13W/17W/24W     | 9 deg    | Spot  | 93 %      | 19.240      | A.A.G. STUCCHI: 8600/G2 |
| ZC12/18                 | 9 deg    | Spot  | 93 %      | 18.400      | A.A.G. STUCCHI: 8101/G2 |
| Soleriq P13             | 9.2 deg  | Spot  | 93 %      | 18.050      | A.A.G. STUCCHI: 8502/G2 |
| Mega Zenigata (GW6DME)  | 10 deg   | Spot  | 94 %      | 16.100      | BJB: 47.319.2011        |
| LUXEON CoB 1208         | 10 deg   | Spot  | 94 %      | 14.800      | A.A.G. STUCCHI: 8301/G2 |
| Mega Zenigata (GW6DME)  | 10 deg   | Spot  | 94 %      | 15.500      | A.A.G. STUCCHI: 8301/G2 |
| CLL03x/CLU03x           | 10 deg   | Spot  | 93 %      | 15.400      | A.A.G. STUCCHI: 8101/G2 |
| STARK SLE PURE G3 LES17 | 10 deg   | Spot  | 93 %      | 14.500      | A.A.G. STUCCHI: 8101/G2 |
| LUXEON K16              | 11 deg   | Spot  | 94 %      | 13.600      | BJB: 47.319.2070        |
| Soleriq S19             | 11 deg   | Spot  | 93 %      | 13.050      | BJB: 47.319.2170        |
| CXA/B 25xx              | 11 deg   | Spot  | 92 %      | 11.590      | A.A.G. STUCCHI: 8401/G2 |
| SLE G4 LES19 H          | 11 deg   | Spot  | 91 %      | 11.300      | -                       |
| SLE G5 LES19 H          | 11 deg   | Spot  | 90 %      | 12.100      | -                       |
| V15                     | 11 deg   | Spot  | 89 %      | 13.000      | BJB: 47.319.2224        |

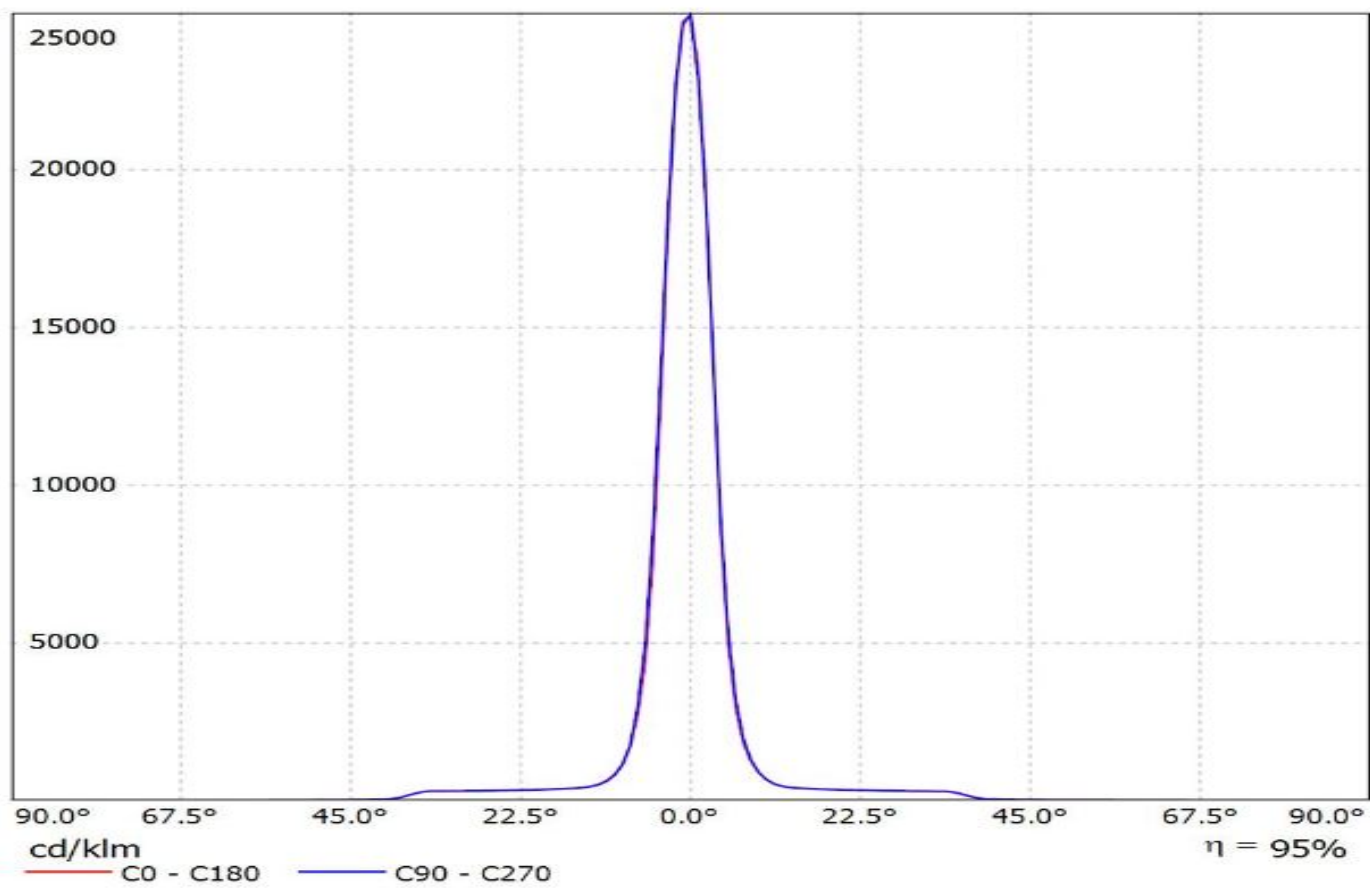


|   |  |  |                  |  |                |
|---|--|--|------------------|--|----------------|
| Tolerances if not otherwise shown<br>According to DIN ISO 2768-1<br>Linear measures:<br>Up to 30mm class M, otherwise class C.<br>According to DIN ISO 2768-2<br>Form and position: class L |  | <div>LEDiL</div> <div>Ledil Oy<br/>Salorankatu 10<br/>FIN 24240 SALO<br/>Finland</div> |                  |  |                |
| THIRD ANGLE PROJECTION:<br>   |  | DRAWING TITLE<br><div>Angela-B</div>   |                  |  |                |
| This drawing is the property<br>of LEDiL Oy. It may not be<br>reproduced, copied or<br>communicated without a written<br>agreement with LEDiL Oy."  |  | SIZE<br>A4   | PART NUMBER<br>- |  |                |
|   |  | SCALE<br>1:2   | WEIGHT<br>-      |  | SHEET<br>1 / 1 |

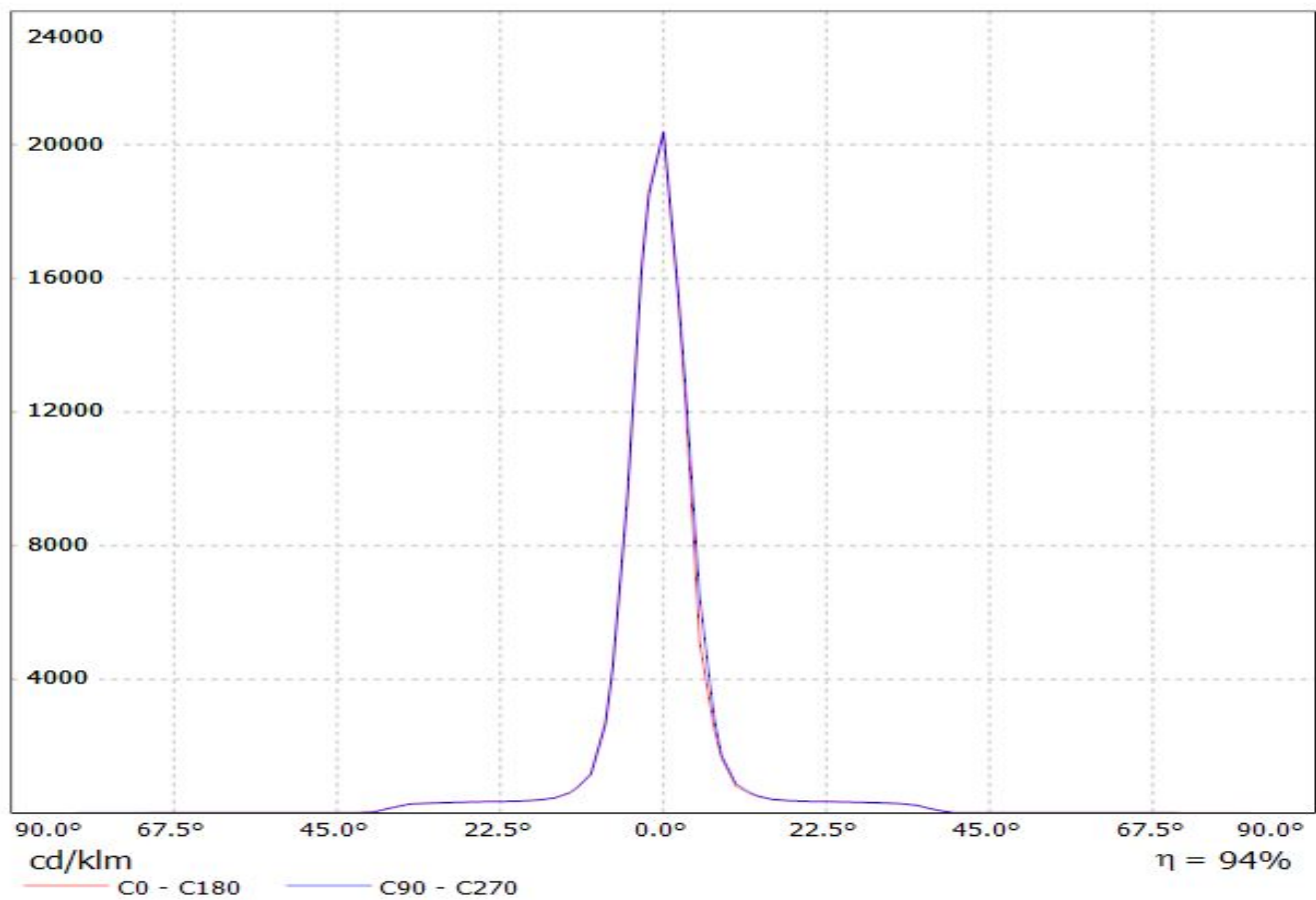
D

A

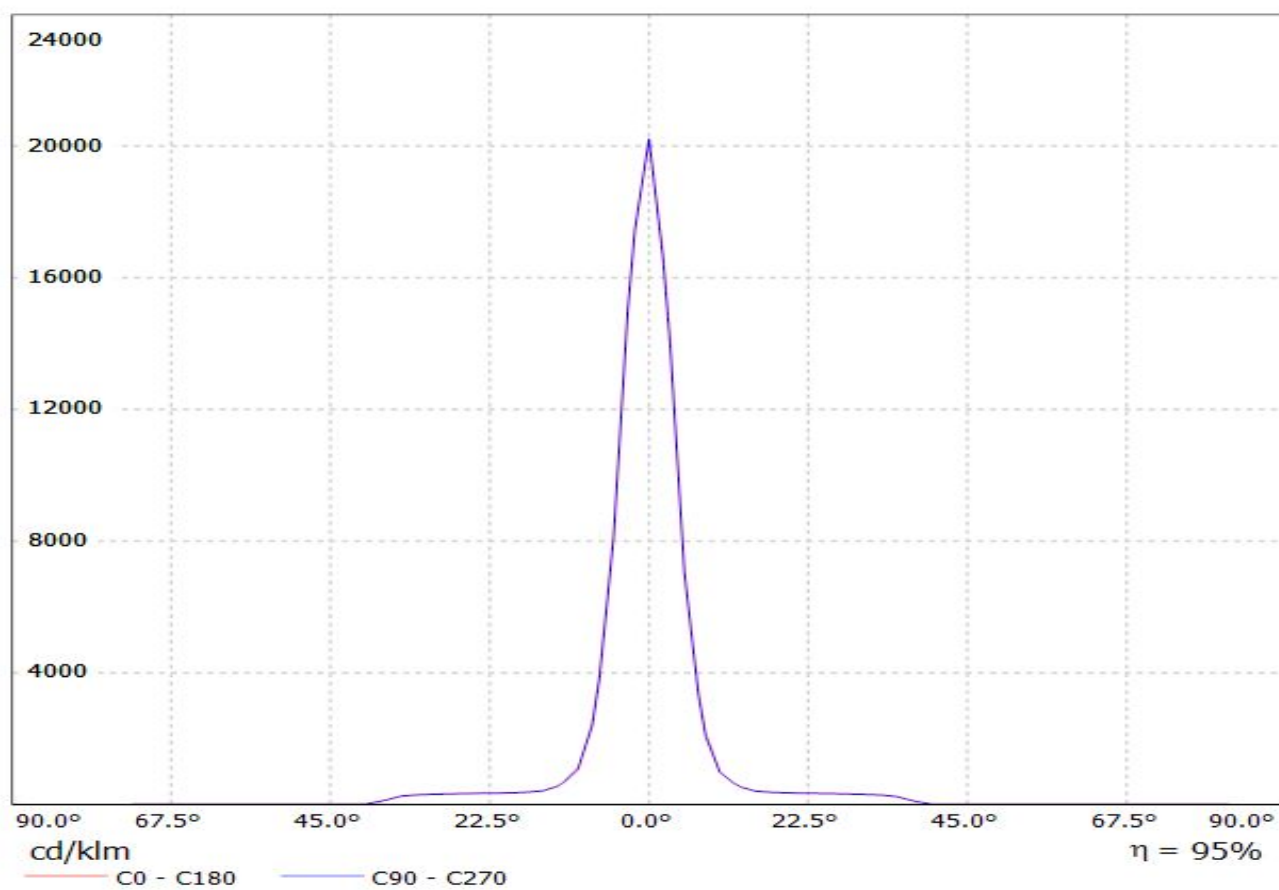
Luminaire: Ledil F13662\_ANGELA-S-B\_(CITIZEN\_CLU720)  
Lamps: 1 x CITIZEN\_CLU720\_(CLU720-1206B8-273M2)  
\_1320.42lm@250mA\_CCT=2700K\_P=8.35W\_I=0.25A



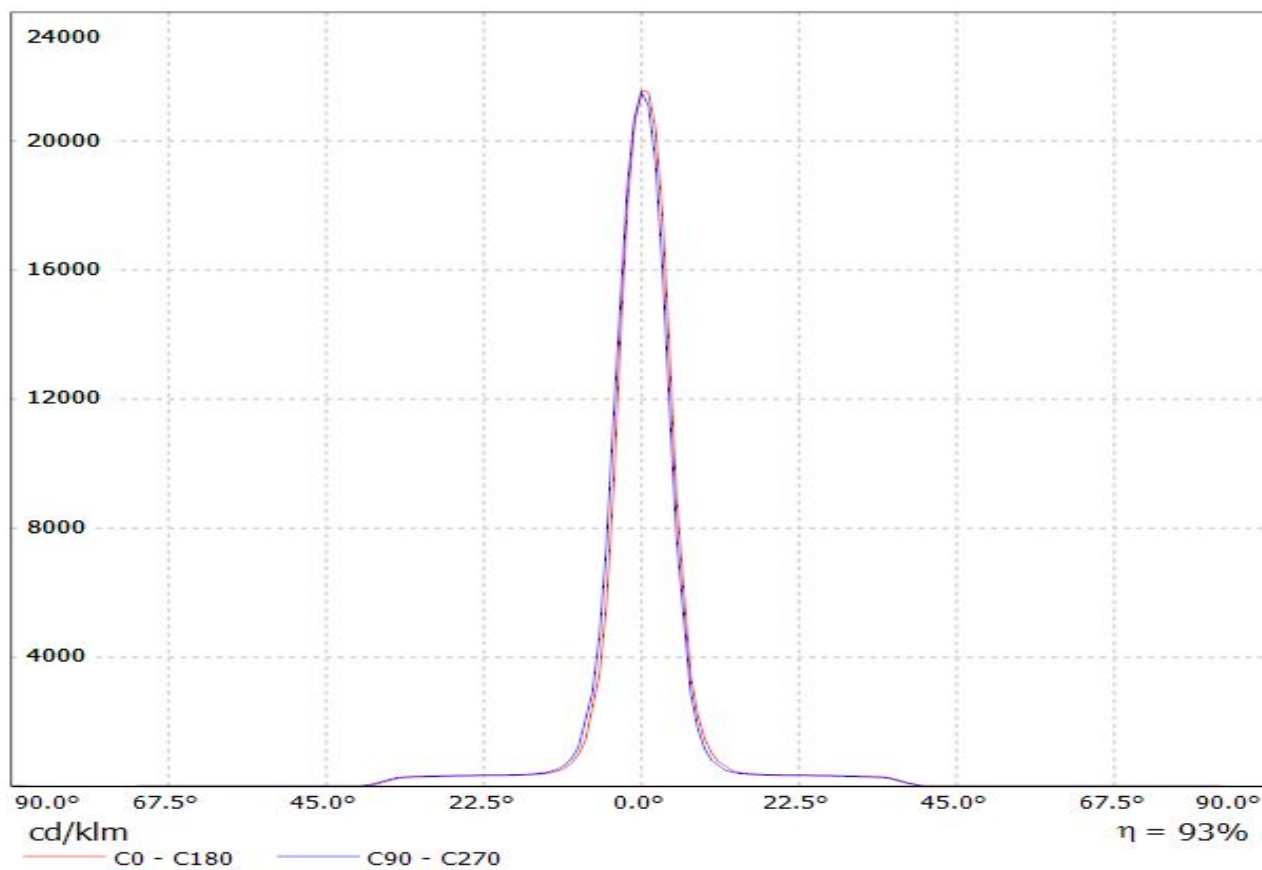
Luminaire: LEDiL Oy F13662\_ANGELA-S-B\_(BXRA\_ES) Eff.93.7%  
Lamps: 1 x Bridgelux\_BXRA\_ES\_287.055lm@250mA\_P=4.09486W\_I=249.9mA



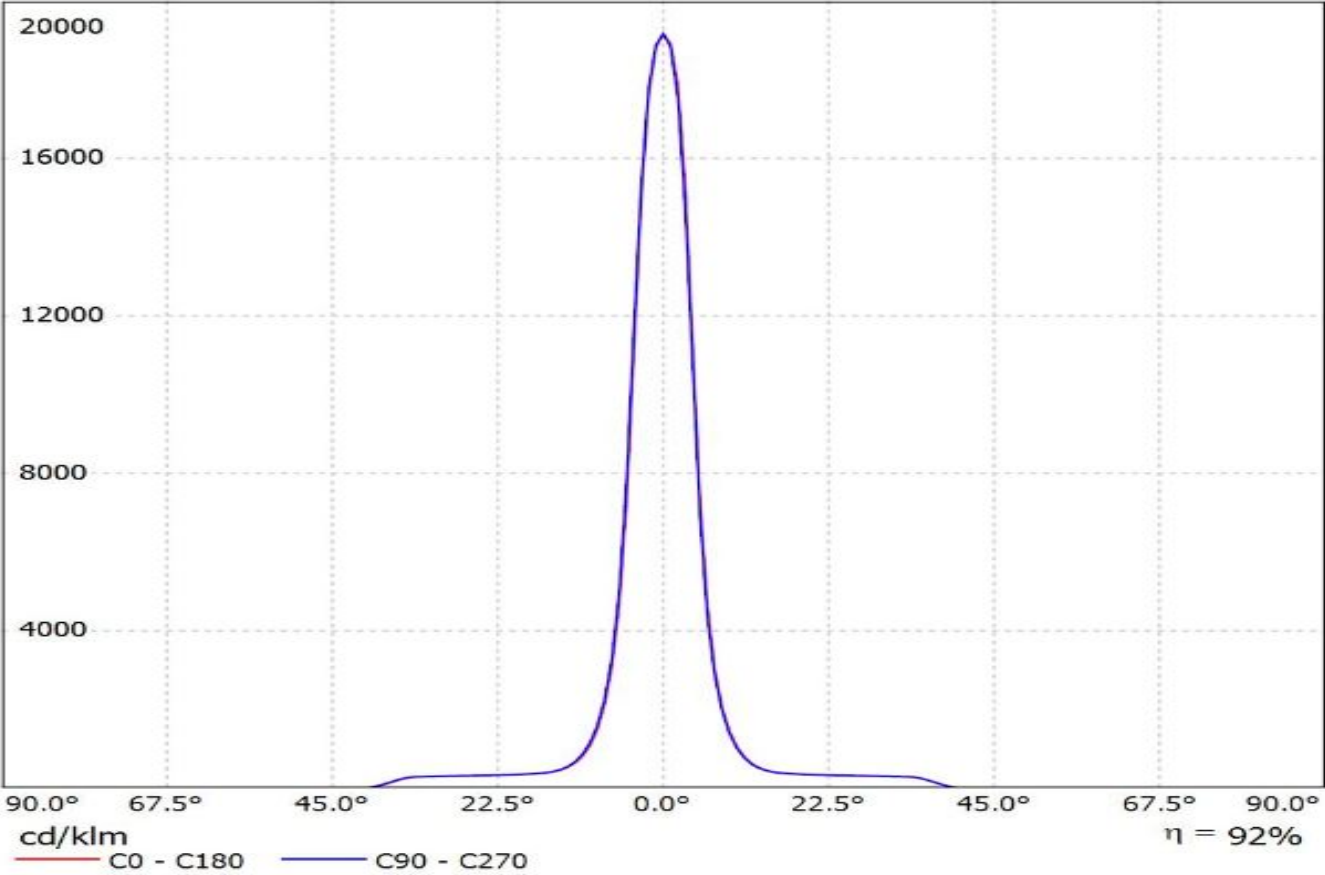
Luminaire: LEDiL Oy F13662\_ANGELA-S-B\_(COB-10W)  
Lamps: 1 x LG\_COB-10W\_1065.13lm@250mA\_P=9.09921W\_I=249.8mA



Luminaire: LEDiL Oy F13662\_ANGELA-S-B\_(S13) Eff.94.0%  
Lamps: 1 x Osram\_Solericq\_S13\_901.003lm@250mA\_P=7.48151W\_I=249.9mA

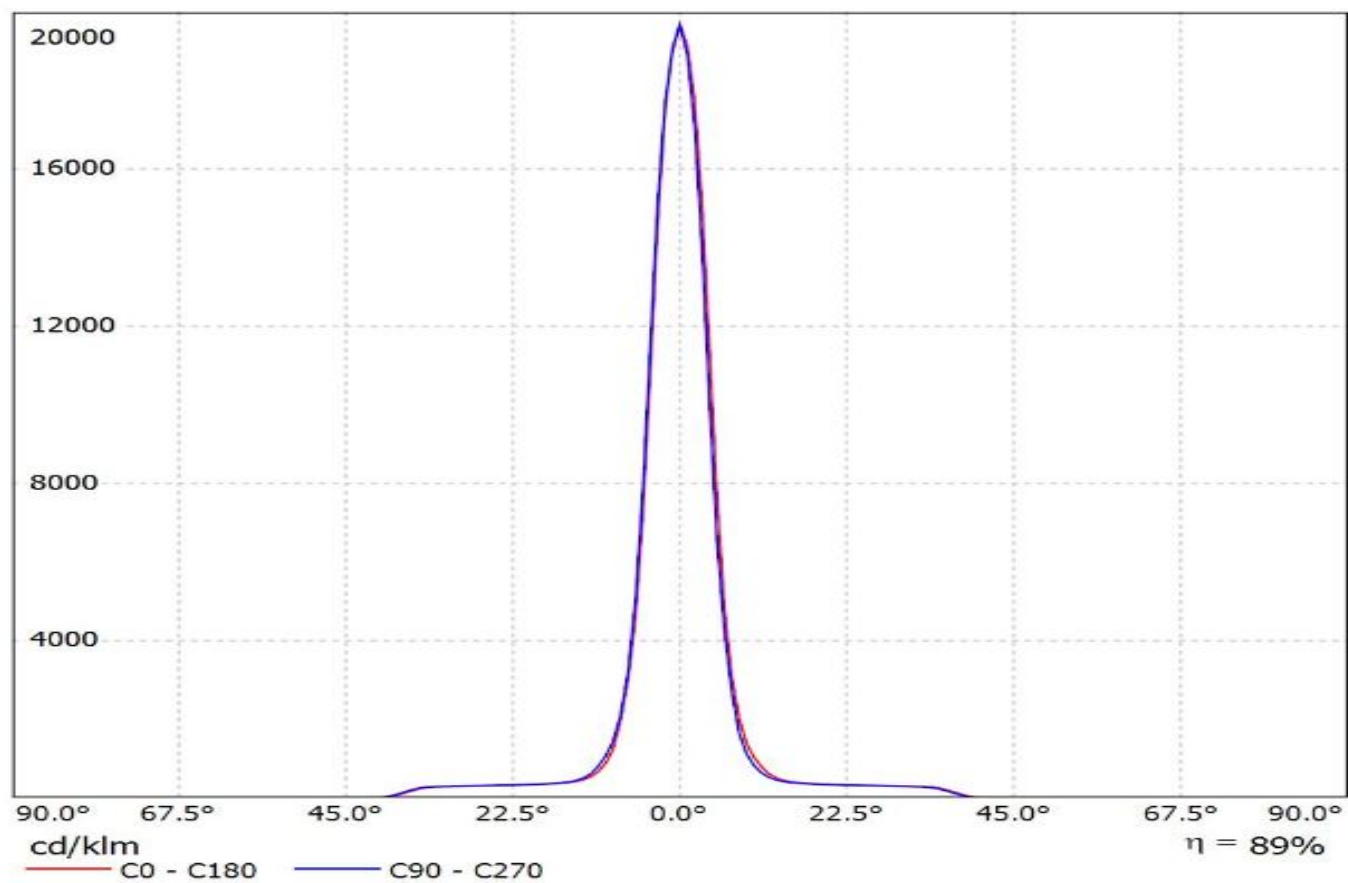


Luminaire: LEDiL Oy F13662\_ANGELA-S-B\_(SLE-G5\_LES-15)  
Lamps: 1 x Tridonic\_SLE-G5\_LES-15\_1272.36lm@250mA\_P=8.6660W\_I=0.250A



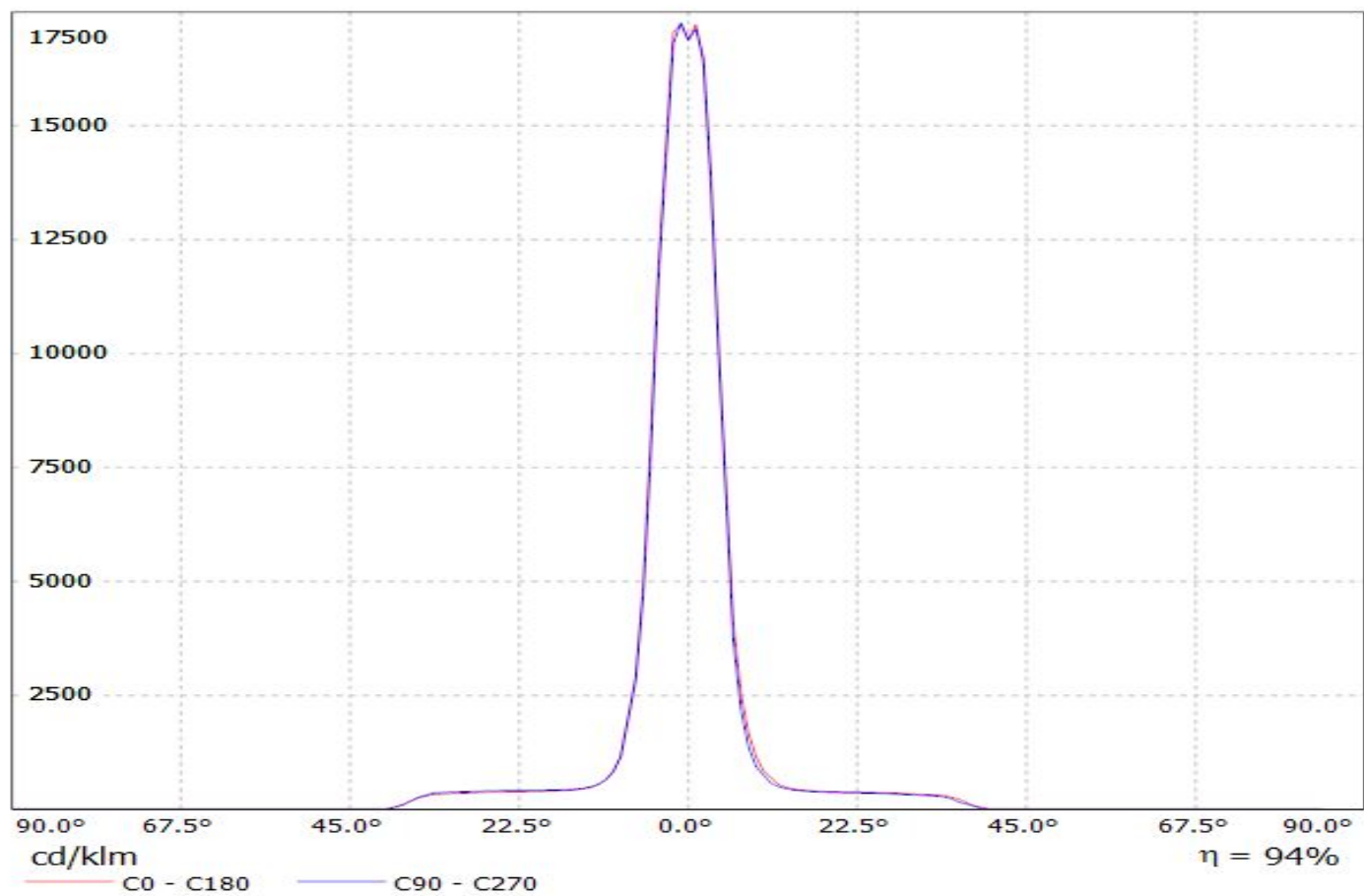
Luminaire: Ledil F13662\_ANGELA-S-B\_(Soleriq\_S13\_G2)

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



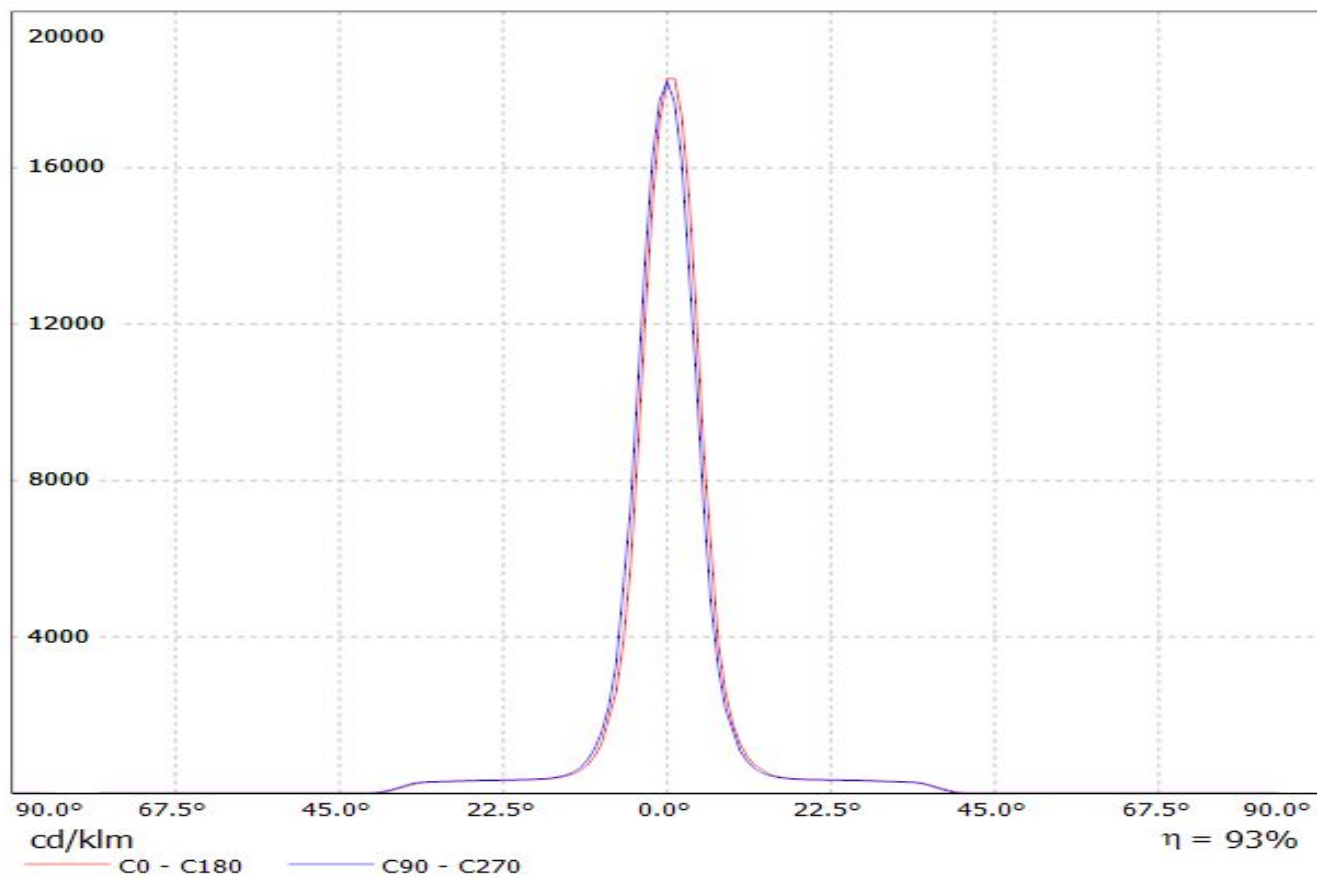


Luminaire: LEDiL Oy F13662\_ANGELA-S-B\_(K12) Eff.94.0%  
Lamps: 1 x Luxeon\_K12\_922.262lm@250mA\_P=8.18947W\_I=249.9mA

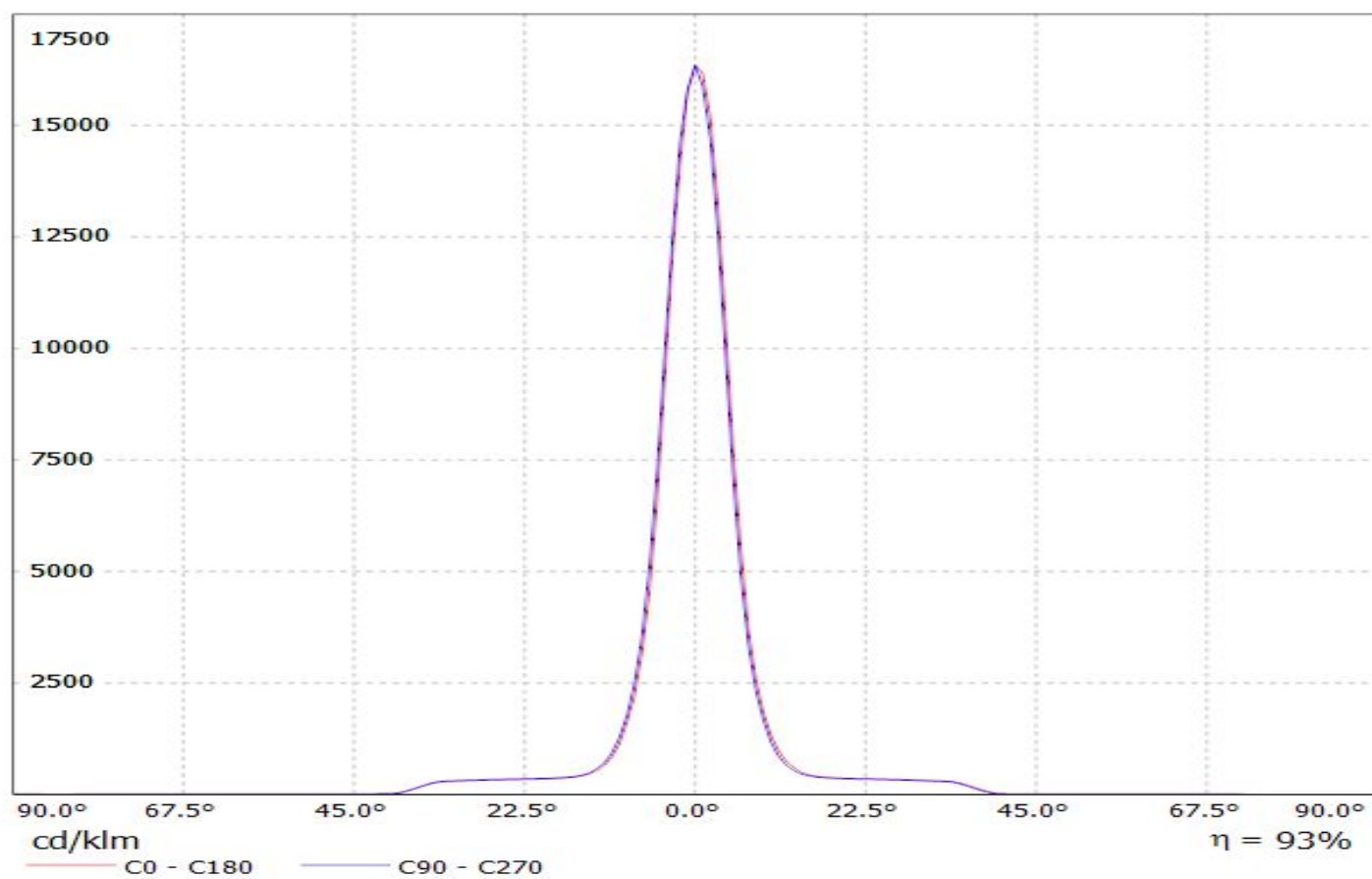


Luminaire: LEDiL Oy F13662\_ANGELA-S-B\_(CLL030)

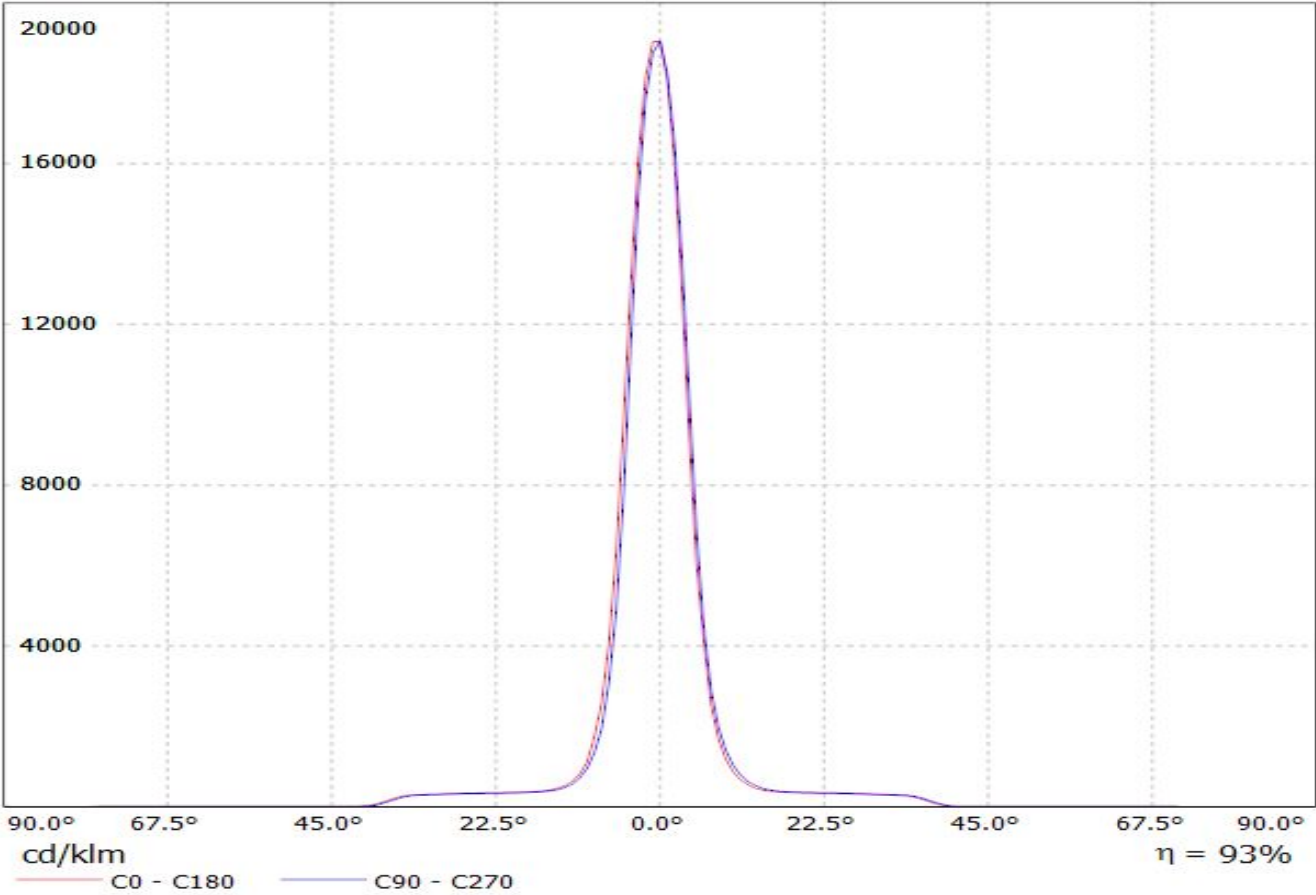
Lamps: 1 x CITIZEN\_CLL030\_(CLL030-1206A1-303M1A2)\_1046.22lm@250mA\_P=8.46761W\_I=249.9mA



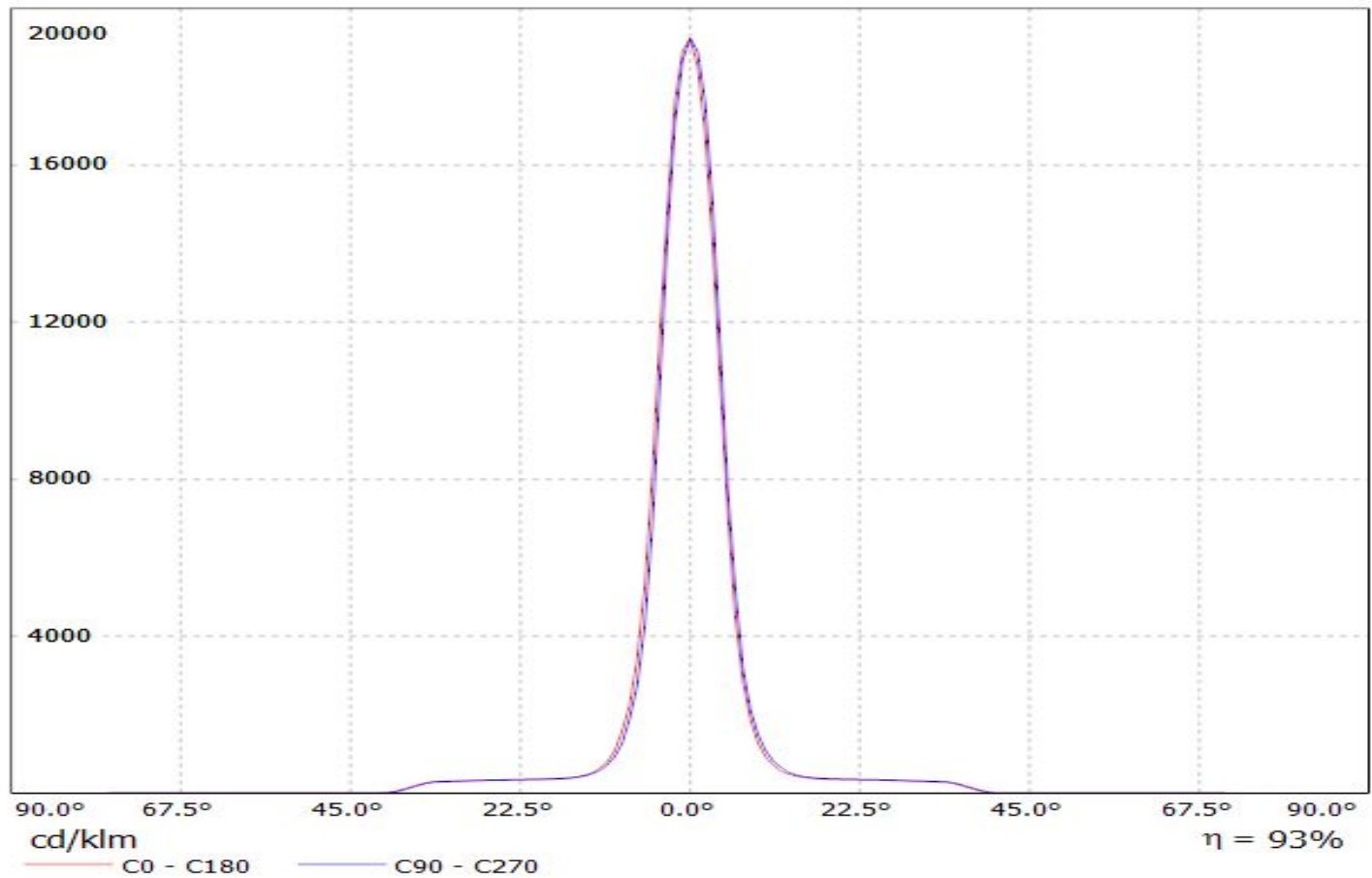
Luminaire: LEDiL Oy F13662\_ANGELA-S-B\_(CXM-14)  
Lamps: 1 x LUMINUS\_XNOVA\_CXM-14\_(AC00)  
\_1049.18lm@250mA\_CCT=3126K\_P=8.31834W\_I=249.8mA



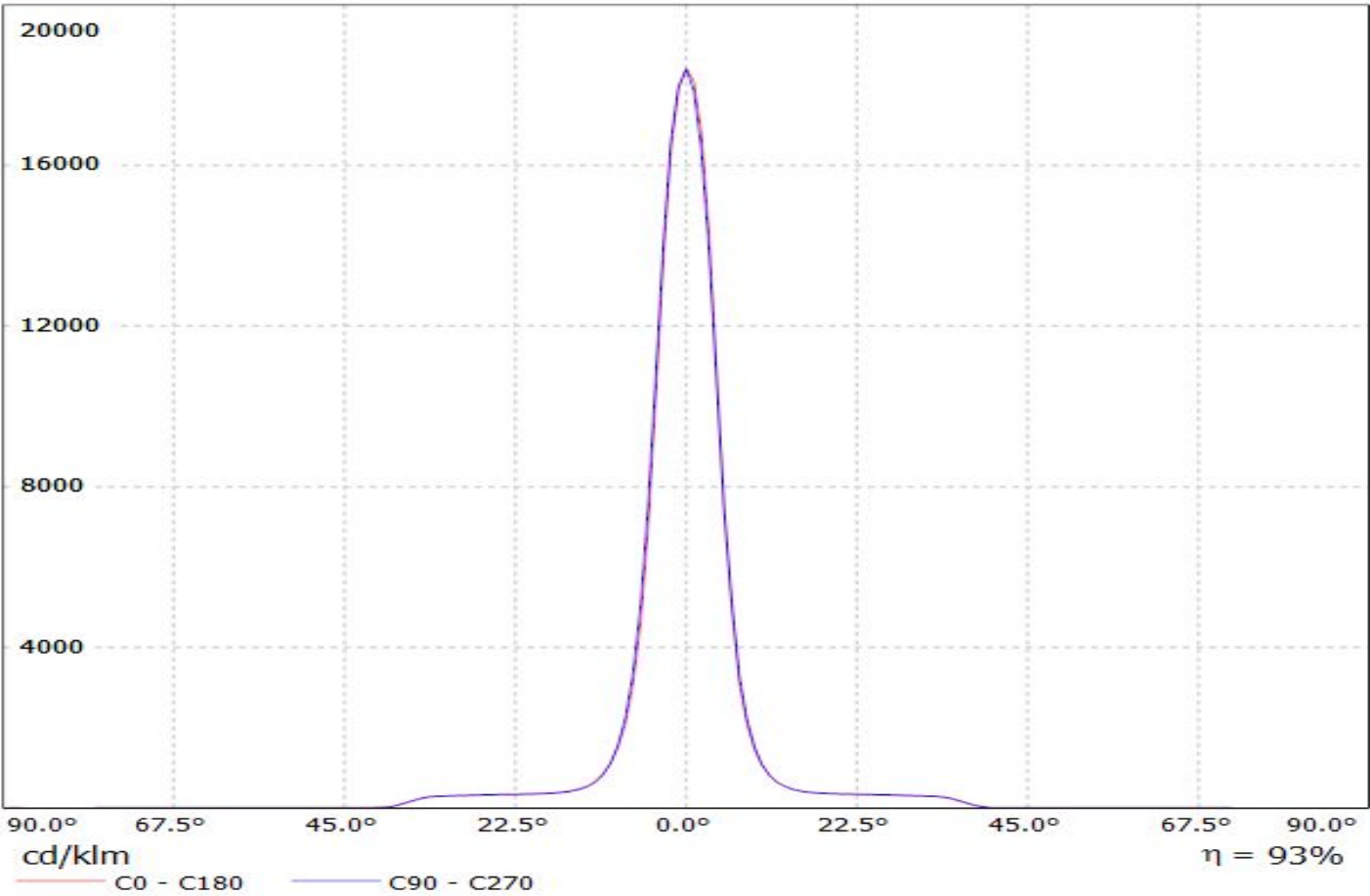
Luminaire: LEDiL Oy F13662\_ANGELA-S-B\_(Luxeon\_CoB\_1205)  
Lamps: 1 x LUXEON\_COB\_1205\_(LHC1-3080-1205)\_1115lm@250mA\_CCT=3000K\_P=11.183W\_I=249.8mA



Luminaire: LEDiL Oy F13662\_ANGELA-S-B\_(LG\_COB\_10W)  
Lamps: 1 x LG\_COB\_10W\_(LEMWM18580LG00)\_917.757lm@250mA\_P=9.31304W\_I=249.8mA

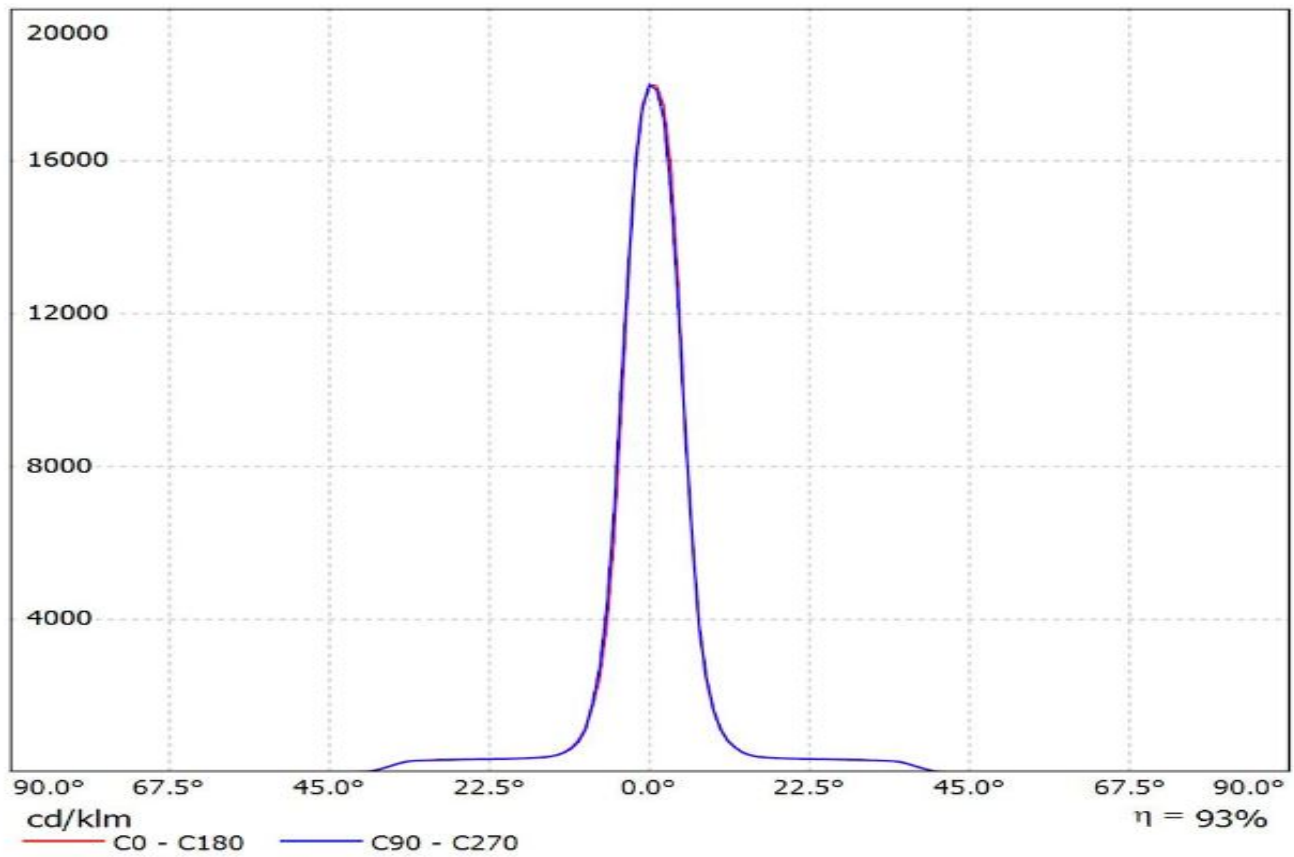


Luminaire: LEDiL Oy F13662\_ANGELA-S-B\_(ZC12)  
Lamps: 1 x SEOUL\_ZC12\_(SDW82F1C)\_1240.73lm@250mA\_P=8.68405W\_I=249.8mA

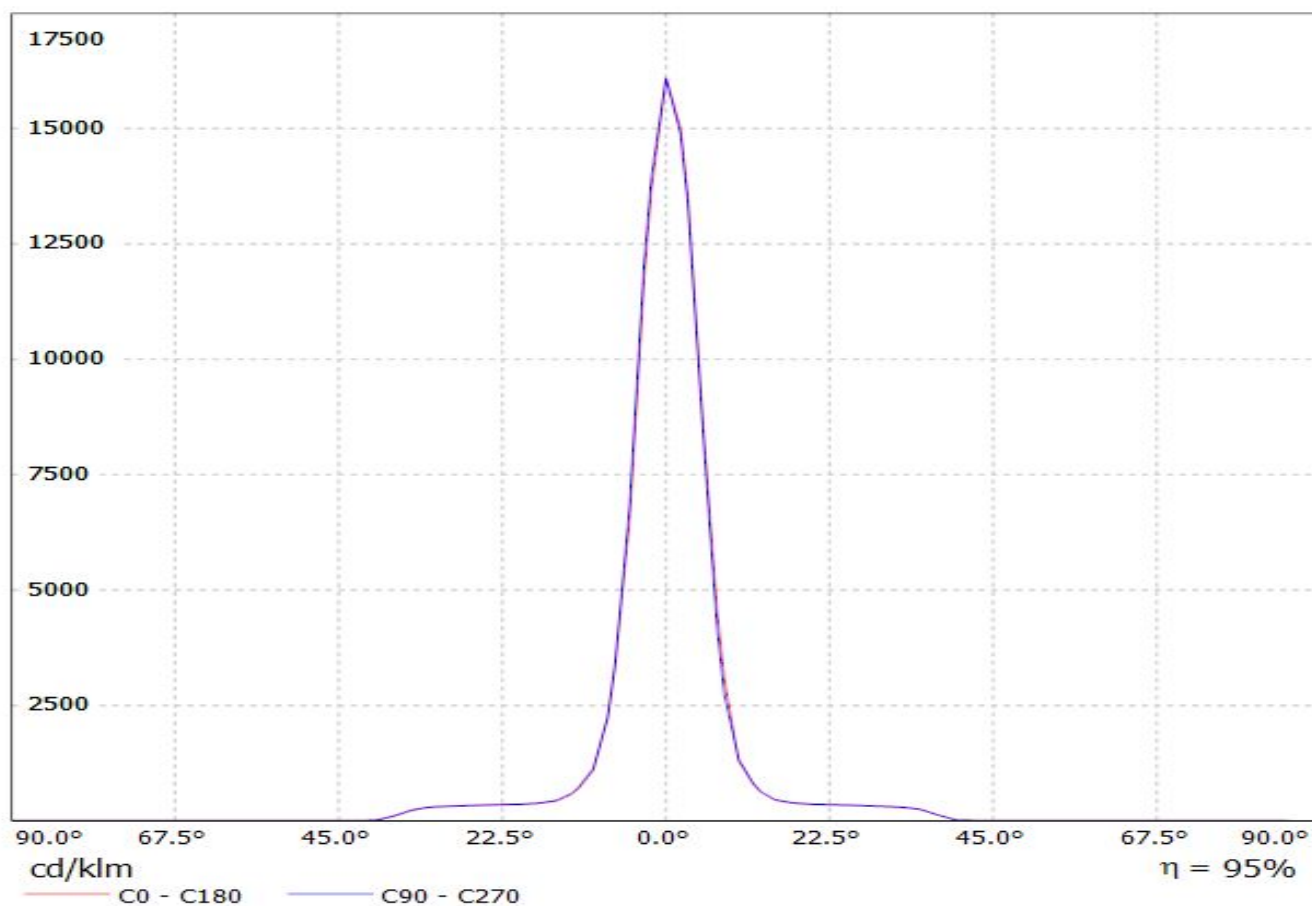


Luminaire: LEDiL Oy F13662\_ANGELA-S-B\_(SOLERIQ\_P13)

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

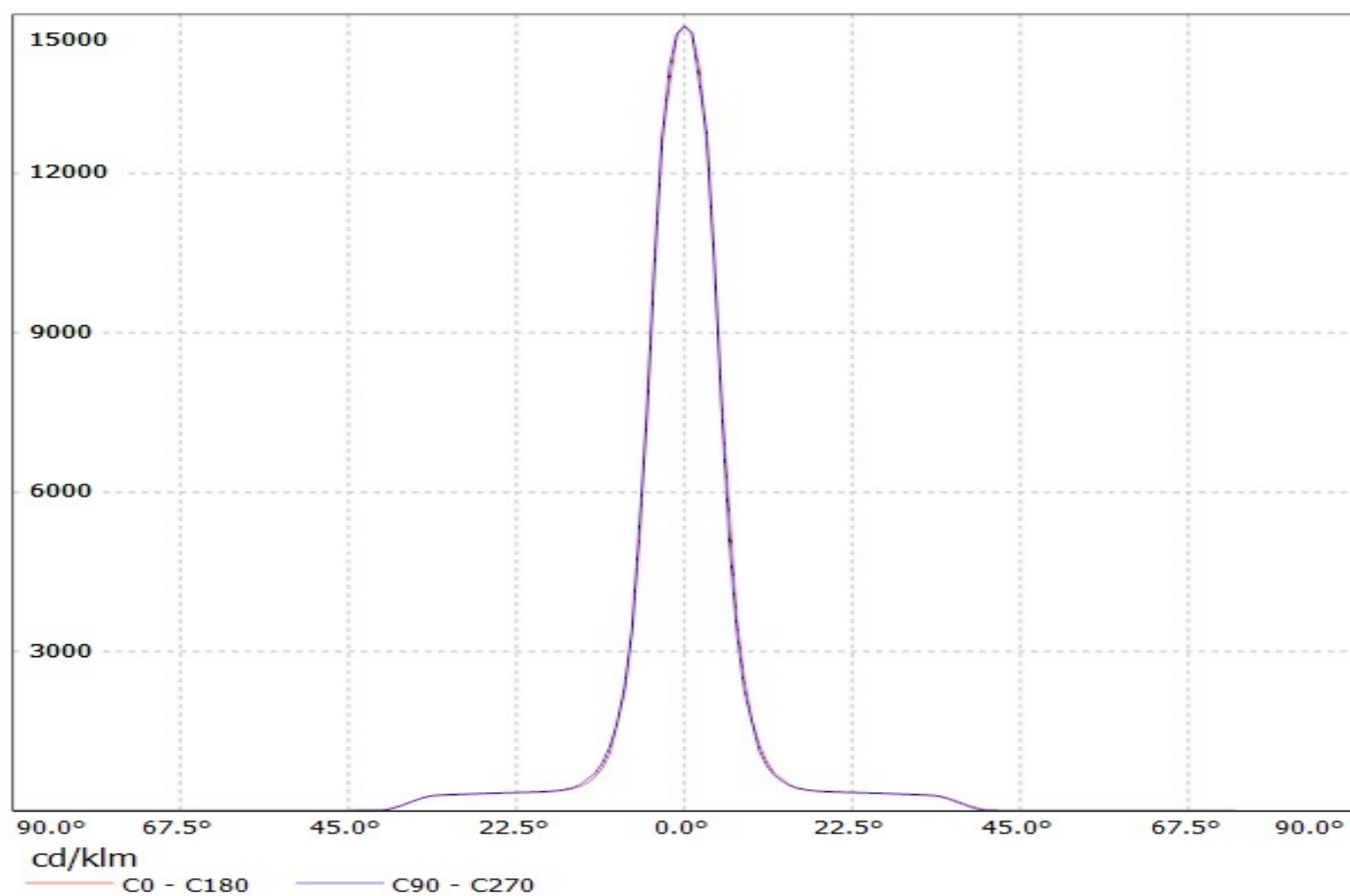


Luminaire: LEDiL Oy F13662\_ANGELA-S-B\_(MZ) Eff.94.0%  
Lamps: 1 x Sharp\_Mega\_Zenigata\_1226.07lm@250mA\_P=11.1573W\_I=249.8mA

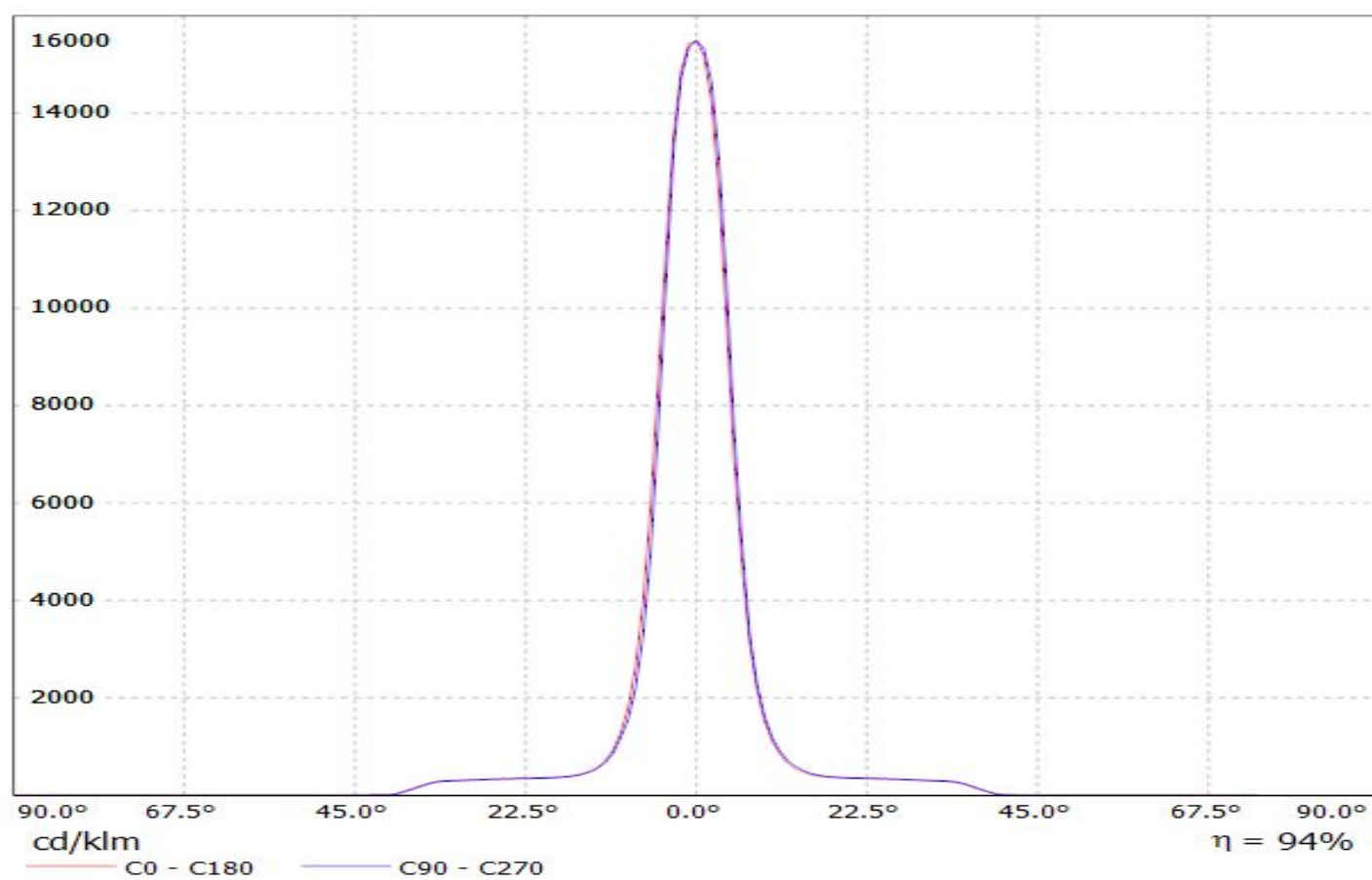




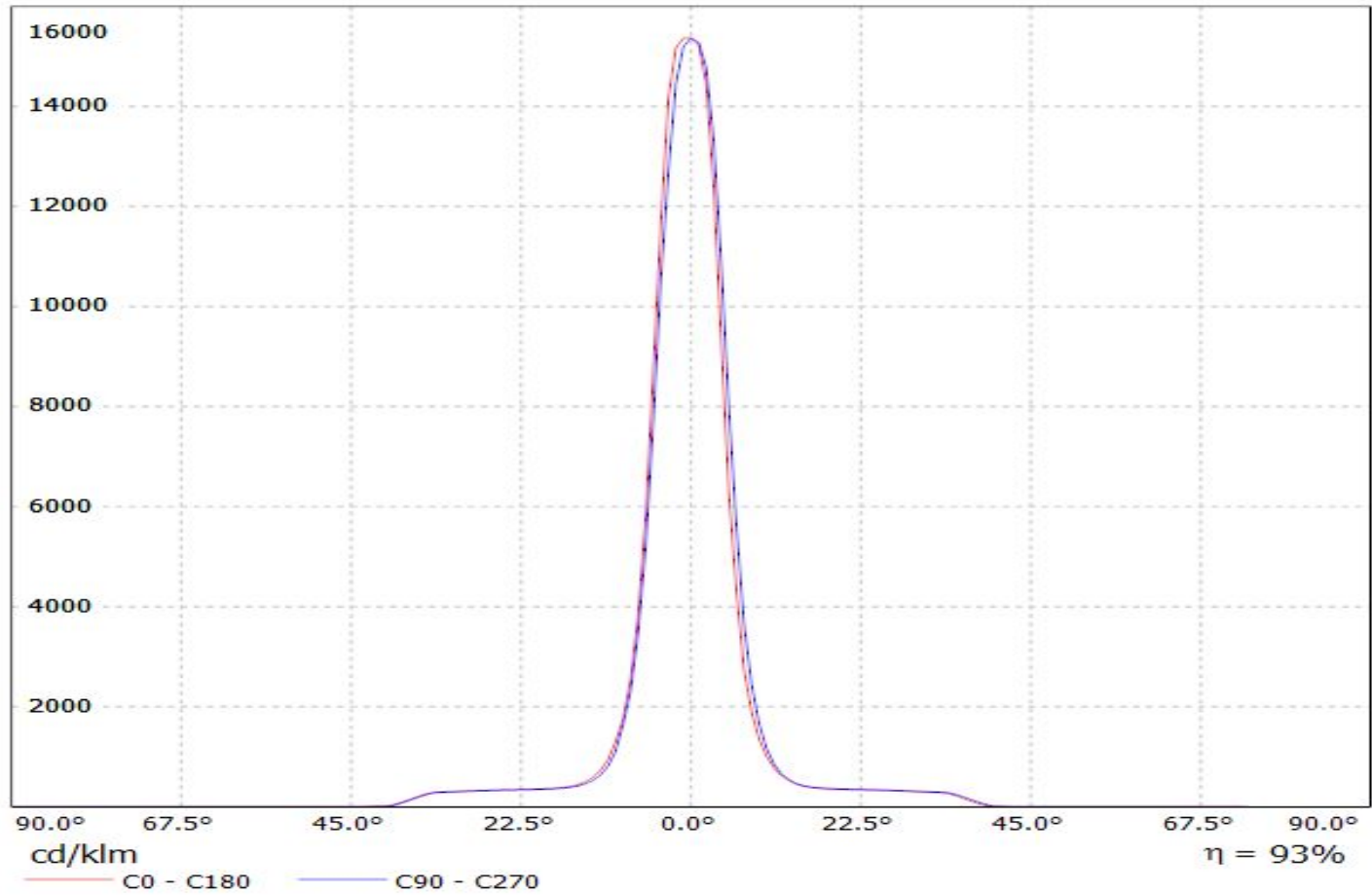
Luminaire: LEDiL Oy F13662\_ANGELA-S-B\_(Luxeon\_CoB\_1208)  
Lamps: 1 x Luxeon\_CoB\_1208\_1045.92lm@250mA\_P=8.25314W\_I=249.8mA



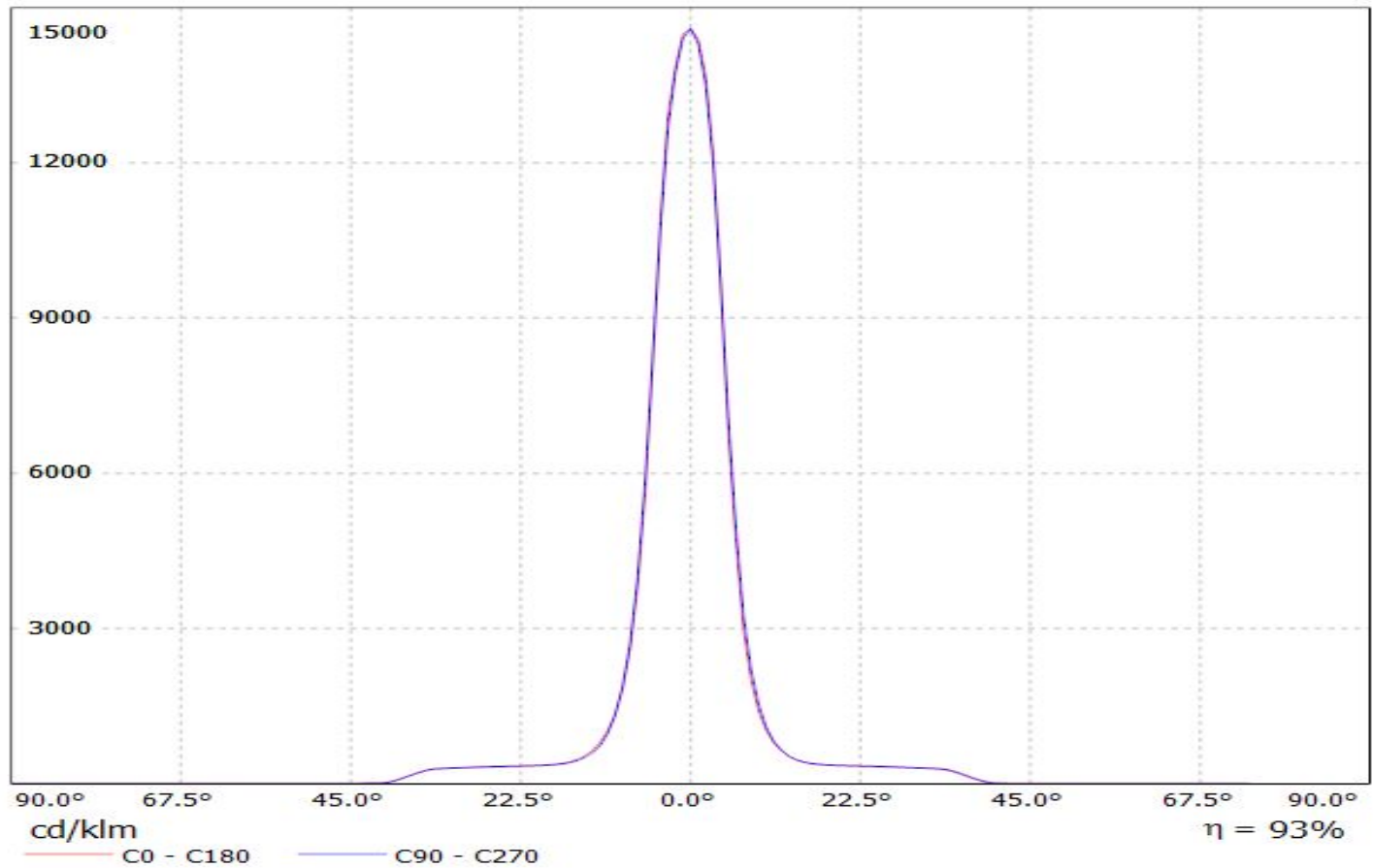
Luminaire: LEDiL Oy F13662\_ANGELA-S-B\_(MegaZenigata\_GW6)  
Lamps: 1 x Sharp\_MegaZenigata\_GW6\_(GW6DME30NFC)  
\_1266.19lm@250mA\_CCT=3038K\_P=11.2151W\_I=250.6mA



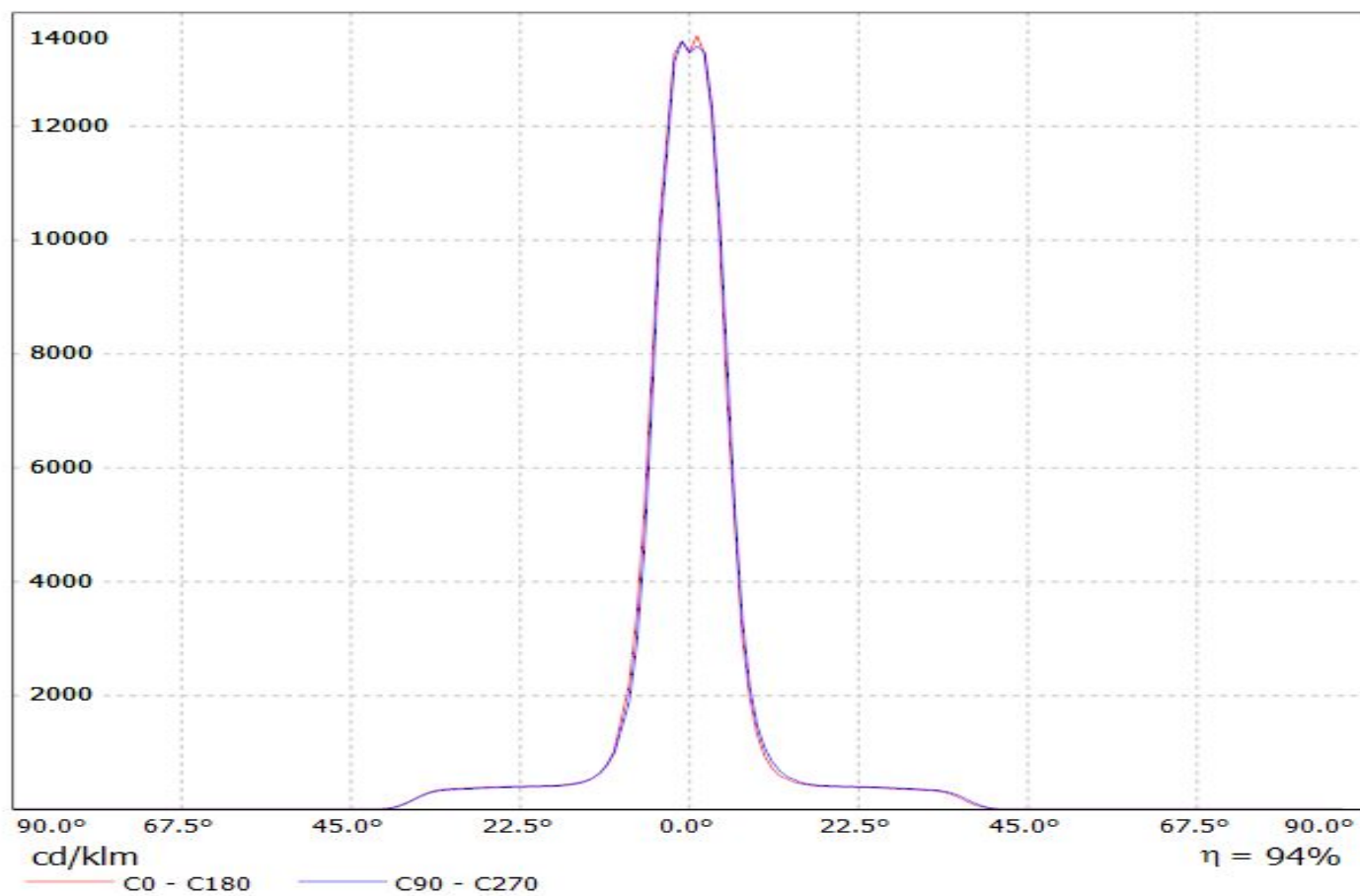
Luminaire: LEDiL Oy F13662\_ANGELA-S-B\_(CLU034)  
Lamps: 1 x Citizen\_CLU034\_(CLU034-1205B8-303M1A2)\_1159.11lm@250mA\_P=8.46586W\_I=249.9mA



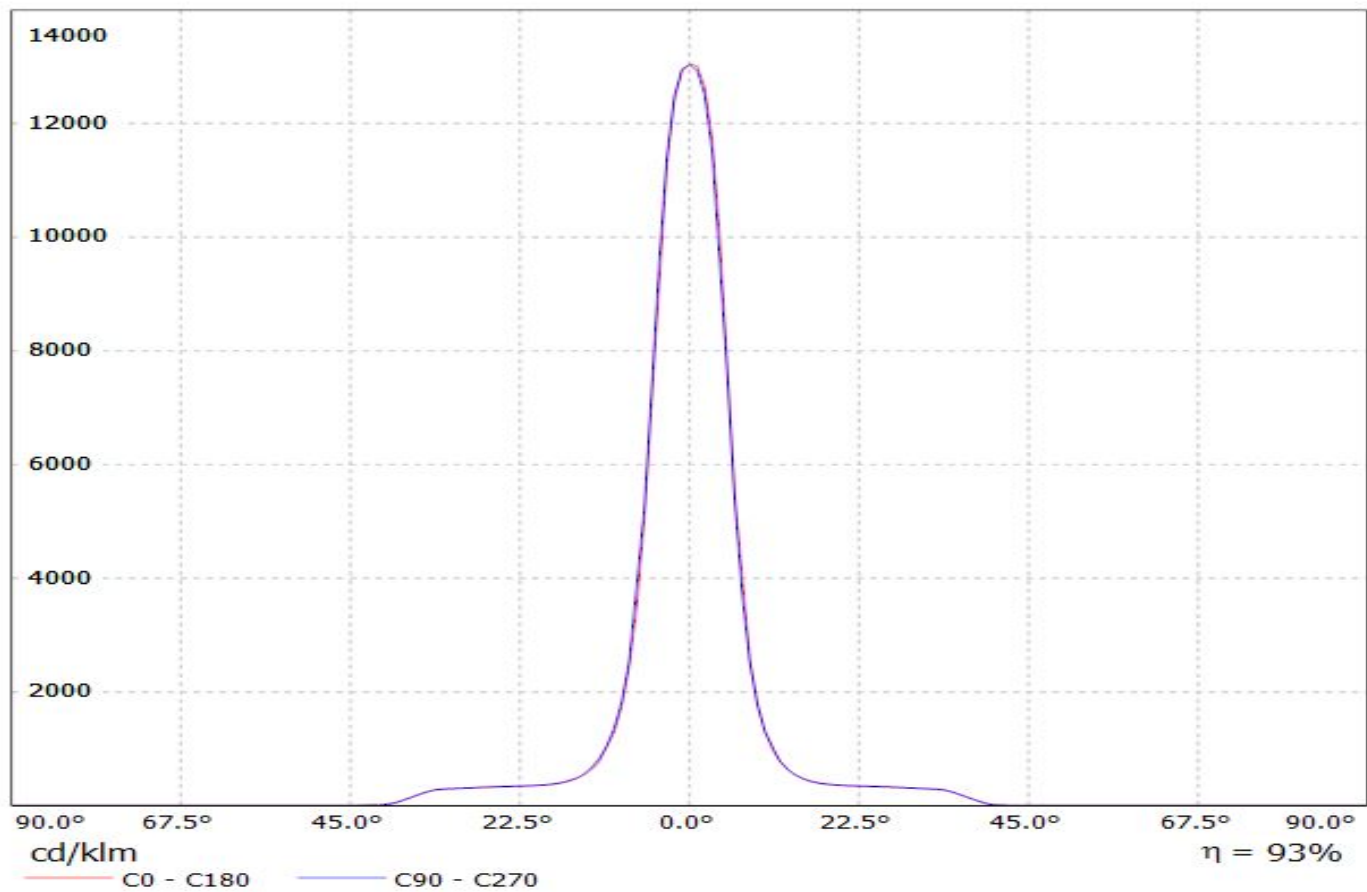
Luminaire: LEDiL Oy F13662\_ANGELA-S-B\_(STARK\_SLE\_G3\_LES17)  
Lamps: 1 x TRIDONIC\_STARK\_SLE\_G3\_LES17\_(STARK-SLE-PURE\_G3-17-2000-840-CLA)  
\_1030.26lm@250mA\_CCT=2000K\_P=8.34707W\_I=249.8mA



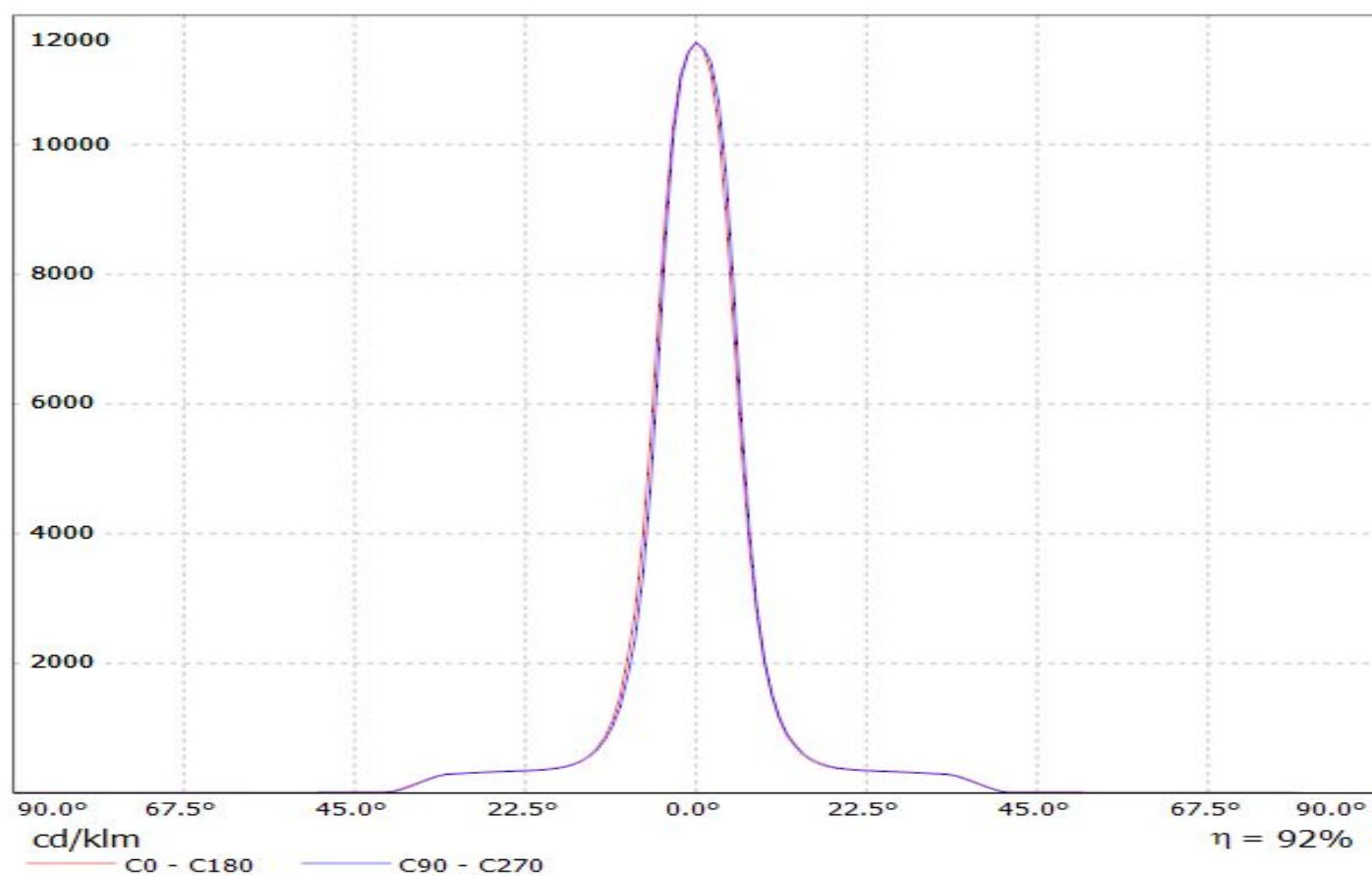
Luminaire: LEDiL Oy F13662\_ANGELA-S-B\_(K16) Eff.94.0%  
Lamps: 1 x Luxeon\_K16\_1252.4lm@250mA\_P=10.8991W\_U=249.9mA



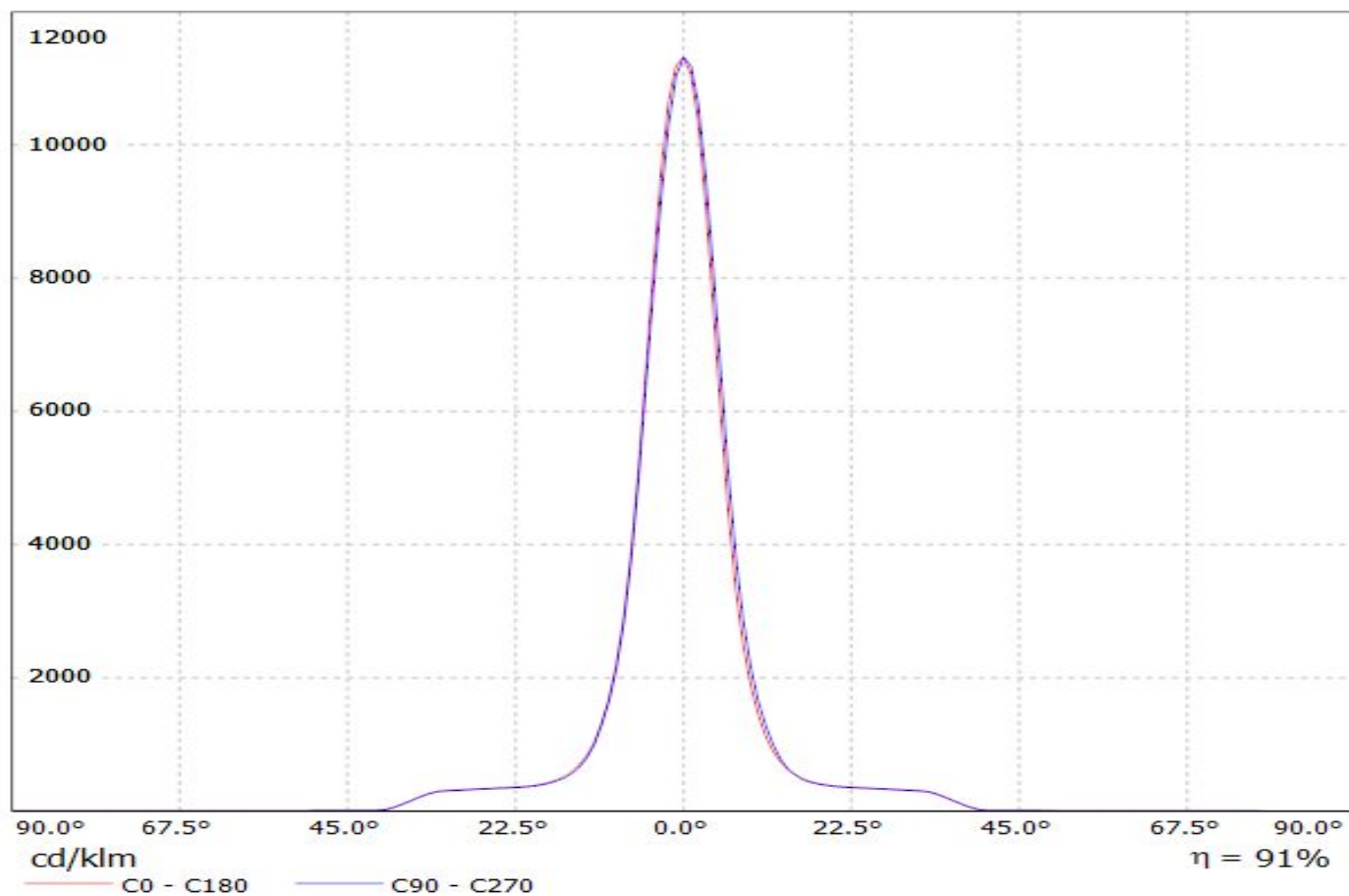
Luminaire: LEDiL Oy F13662\_ANGELA-S-B\_(Soleriq S19) Eff.93.4%  
Lamps: 1 x OSRAM\_SOLERIQ\_S19\_(GW\_KAHJB1.EM)  
\_1445.44lm@250mA\_CCT=3000K\_P=10.558W\_I=249.8mA



Luminaire: LEDiL Oy F13662\_ANGELA-S-B\_(CXA2590)  
Lamps: 1 x CREE\_CXA2590\_(CXA2590-30F-Z4-RPH-00001)  
\_837.275lm@100mA\_CCT=3000K\_P=6.36316W\_I=100.1mA

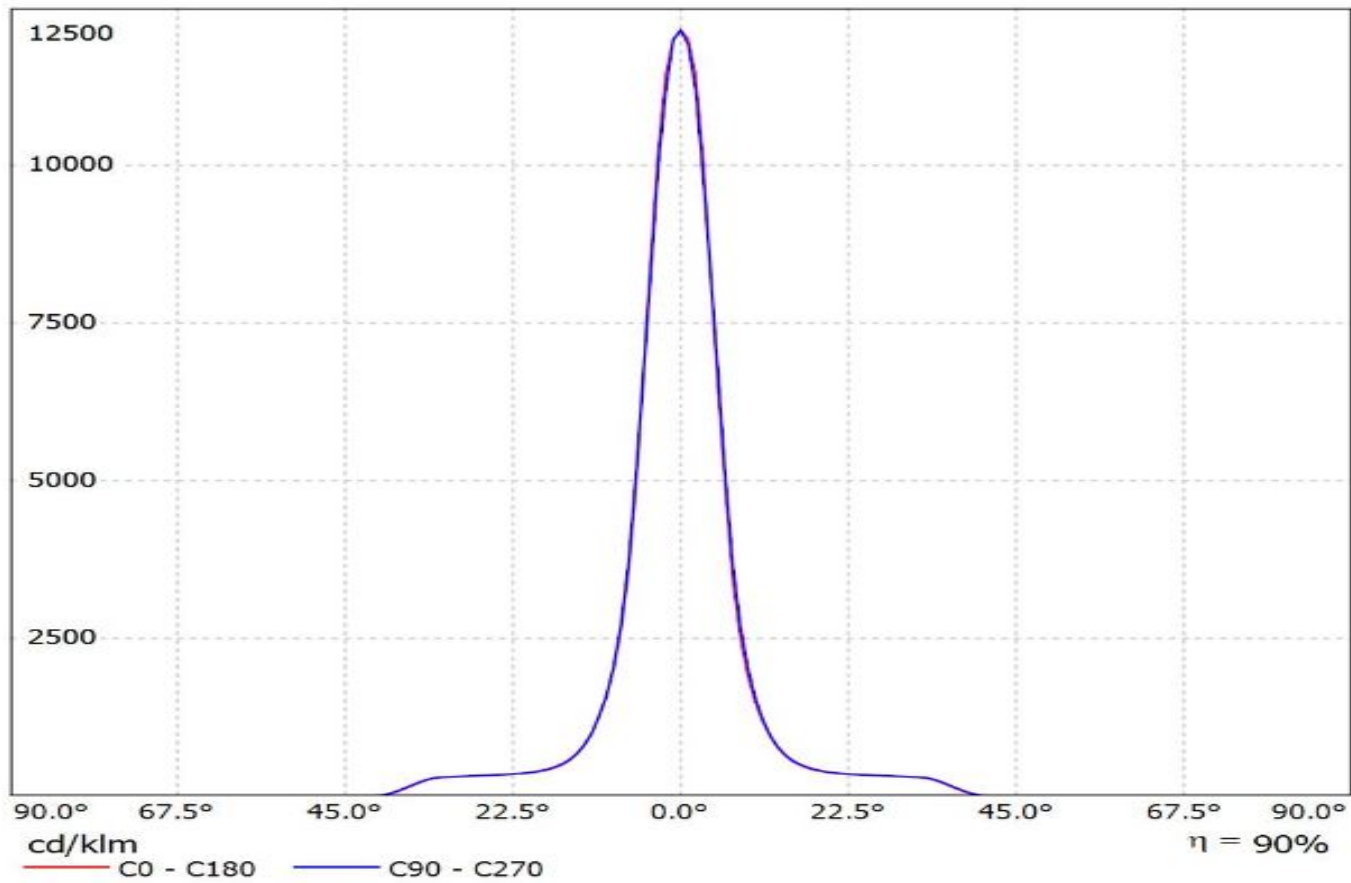


Luminaire: LEDiL Oy F13662\_ANGELA-S-B\_(SLE GEN4 LES19)  
Lamps: 1 x SLE GEN4 LES19\_1226.28lm@250mA\_P=8.21367W\_I=0.2498A



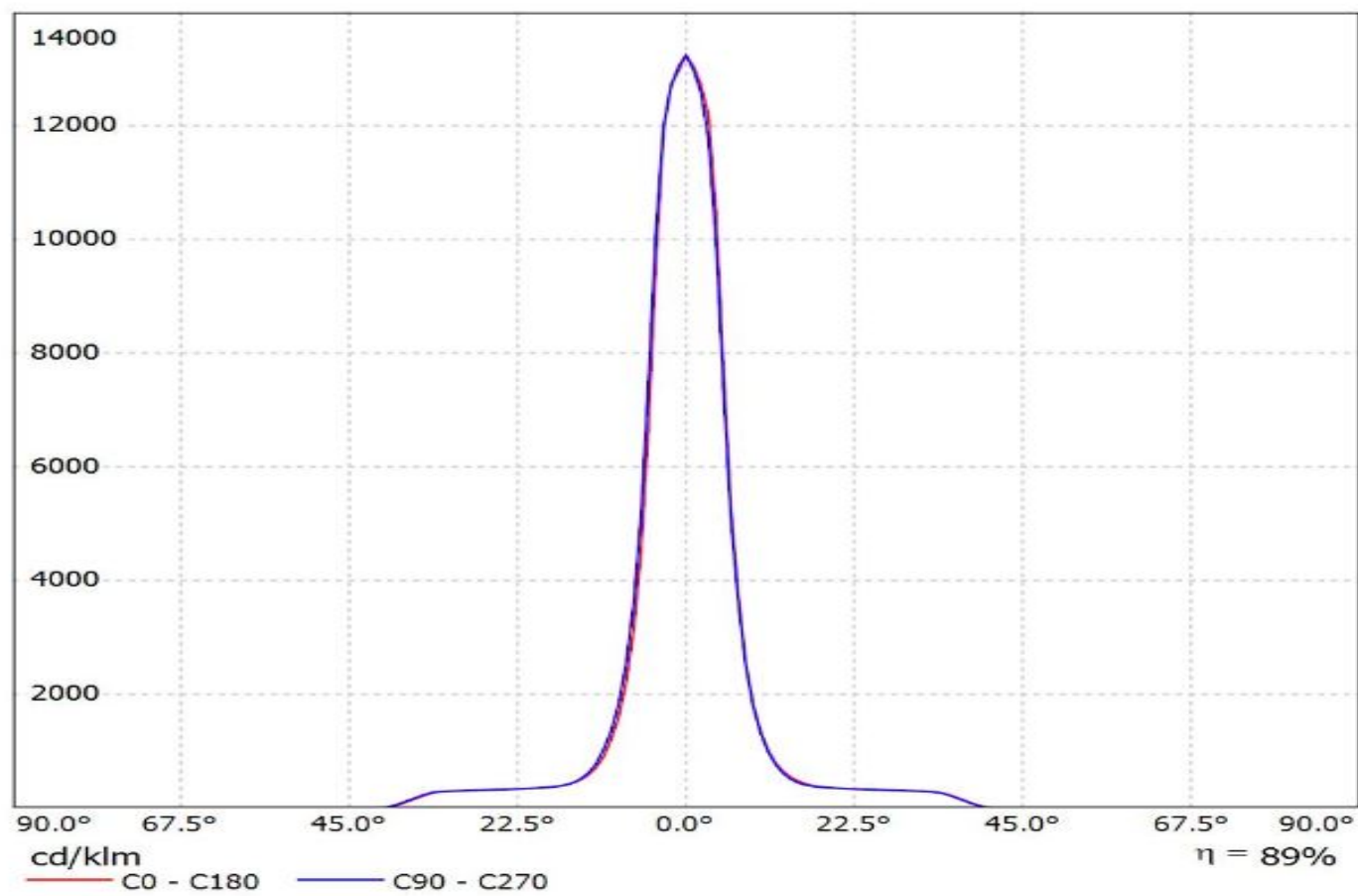


Luminaire: LEDiL Oy F13662\_ANGELA-S-B\_(SLE-G5\_LES-19)  
Lamps: 1 x Tridonic\_SLE-G5\_LES-19\_1334.47lm@250mA\_P=8.2224W\_I=0.250A

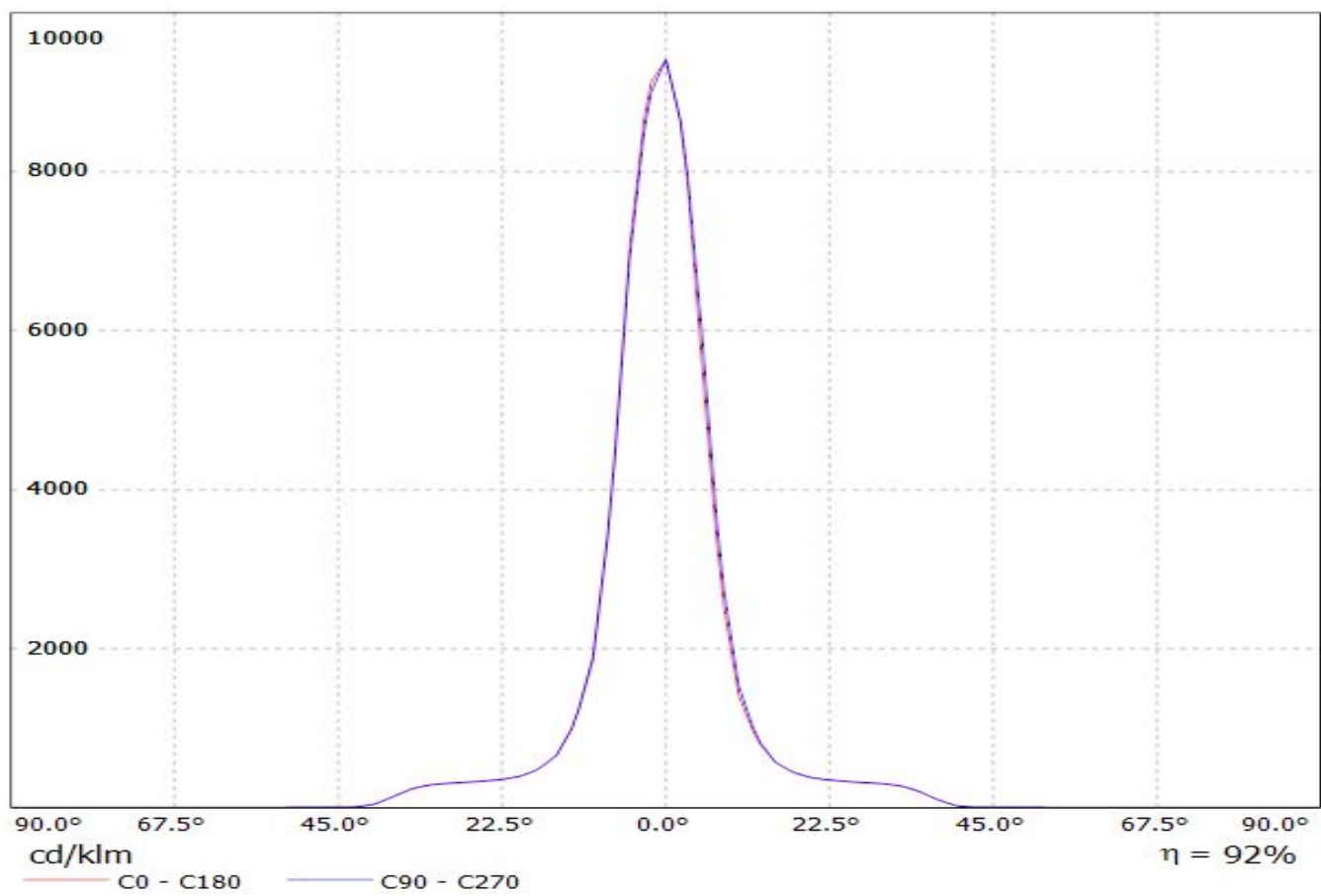


Luminaire: Ledil F13662\_ANGELA-S-B\_(V15+BJB)

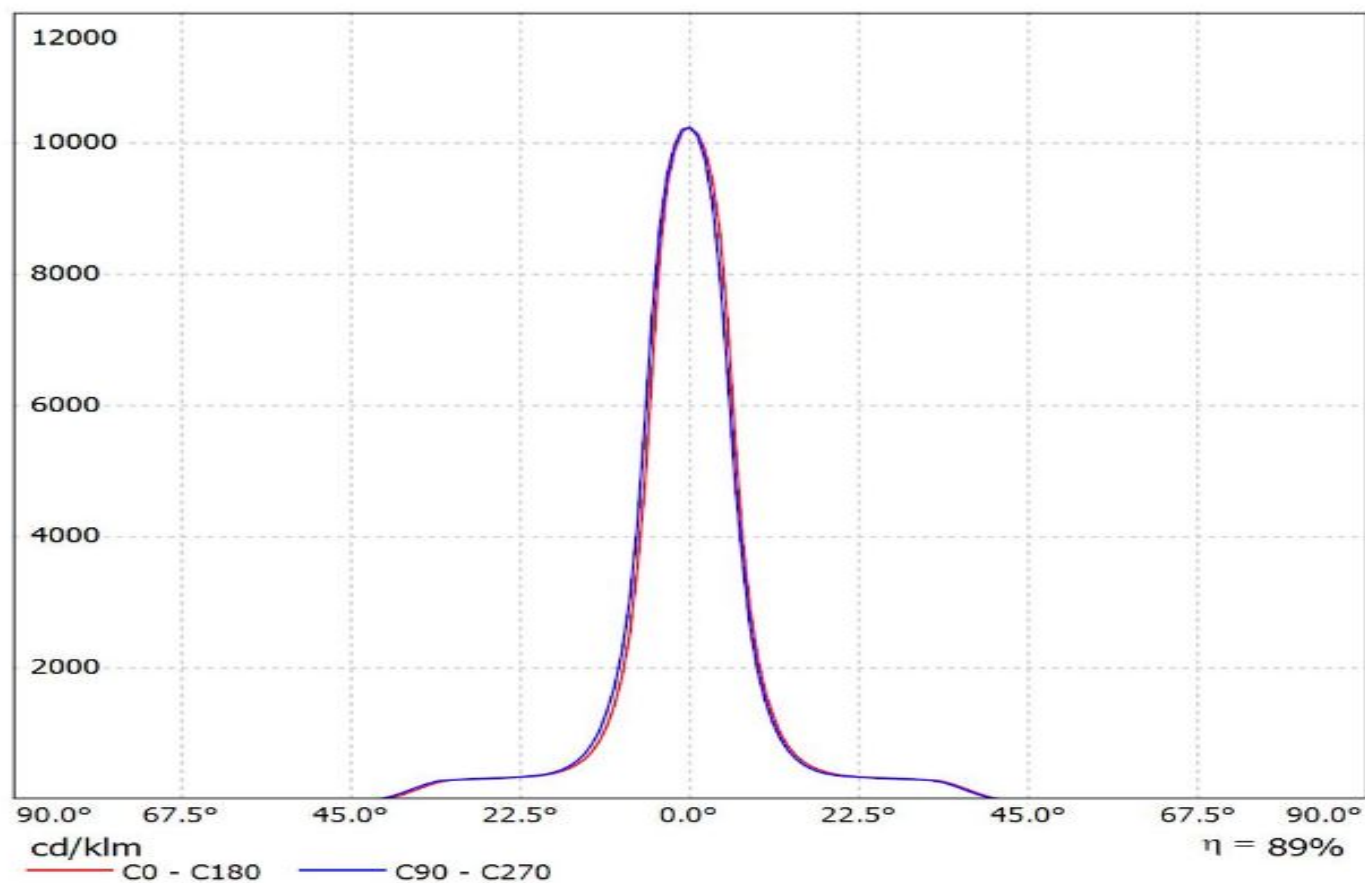
Lamps: 1 x Bridgelux\_V15\_+47.319.2224\_1096.43lm@250mA\_P=8.2647W\_I=0.25A



Luminaire: LEDiL Oy F13662\_ANGELA-S-B\_(E30) Eff.91.2%  
Lamps: 1 x Osram\_Solericq\_E30\_1364.86lm@250mA\_P=10.2445W\_I=249.8mA

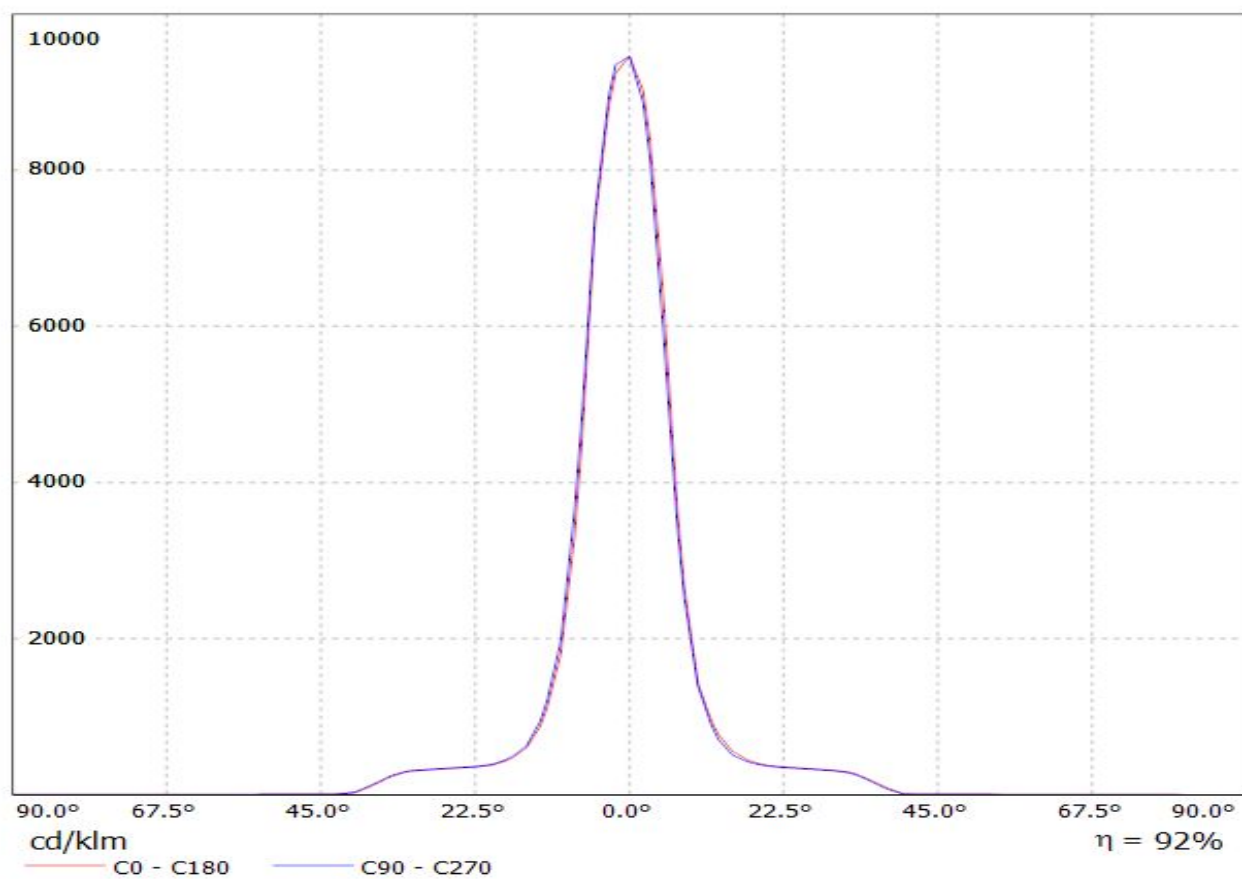


Luminaire: Ledil F13662\_ANGELA-S-B\_(V18+BJB)  
Lamps: 1 x Bridgelux\_V18\_(BXRC-30E4000-F-23)  
\_+47.319.2274\_1094.62lm@250mA\_CCT=3000K\_P=6.875W\_I=0.25A

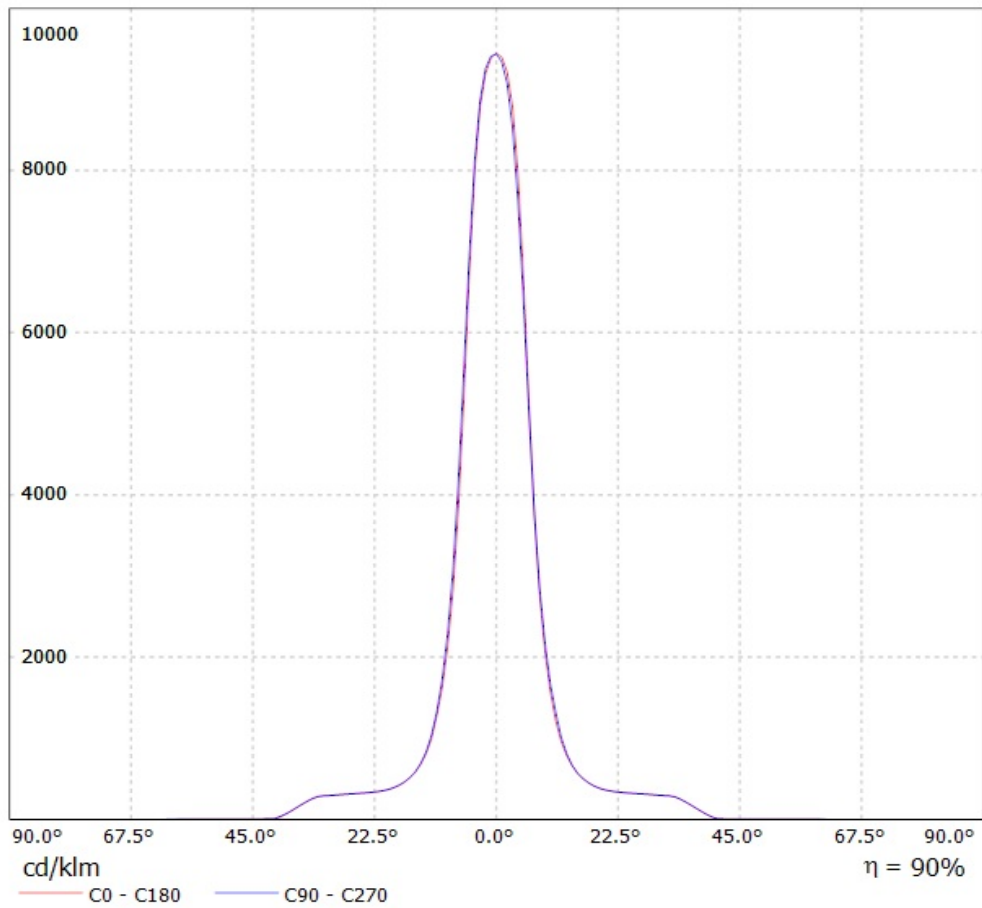


Luminaire: LEDiL Oy F13662\_ANGELA-S-B\_(Luxeon\_CoB\_1211)

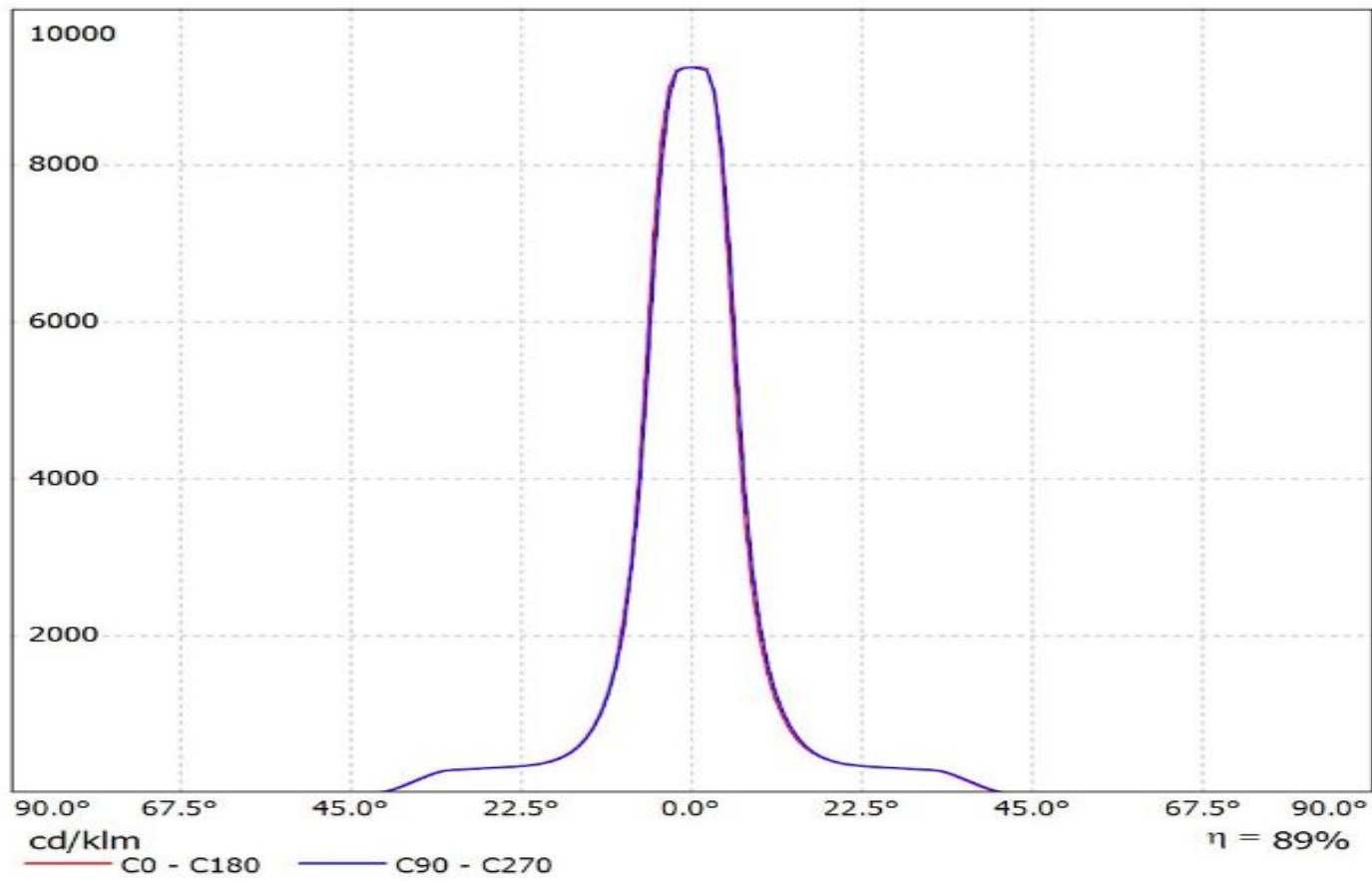
Lamps: 1 x LUXEON\_COB\_1211\_(LHC1-2790-1211)\_923.583lm@250mA\_CCT=2700K\_P=8.00909W\_I=249.8mA



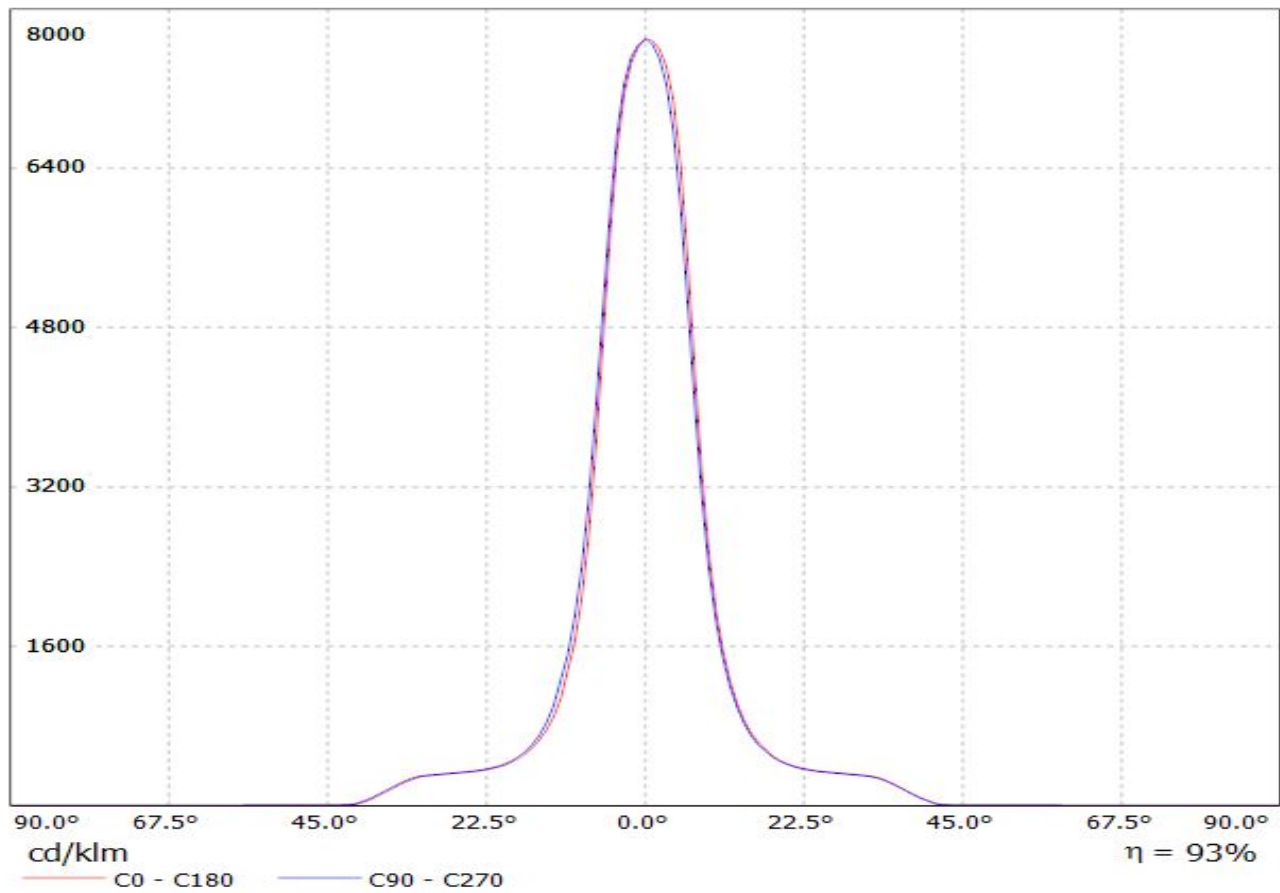
Luminaire: LEDiL Oy F13662\_ANGELA-S-B\_(Luxeon\_CoB\_1211)\_(BJB2030)  
Lamps: 1 x Philips\_Lumileds\_Luxeon\_CoB\_1211\_(LHC1-5780-1211)\_(BJB2030)\_1332.46lm@250mA\_CCT(approx.)=5700K\_P=8.03332W\_I=0.2498A



Luminaire: Ledil F13662\_ANGELA-S-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



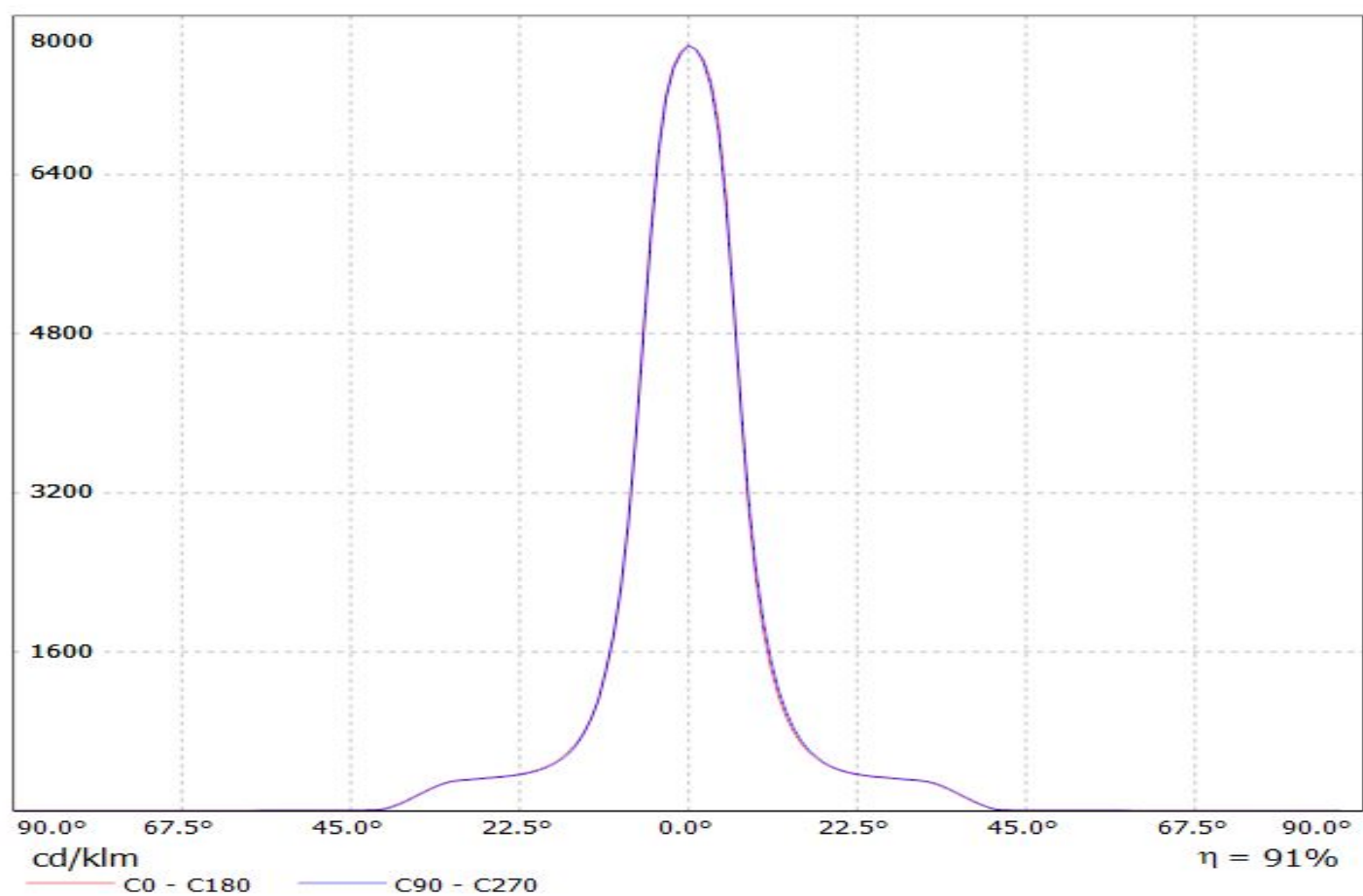
Luminaire: LEDiL Oy F13662\_ANGELA-S-B\_(ZC-40) Eff.93.4%  
Lamps: 1 x Seoul ZC-40\_1183.63lm@250mA\_P=8.42195W\_I=249.9mA





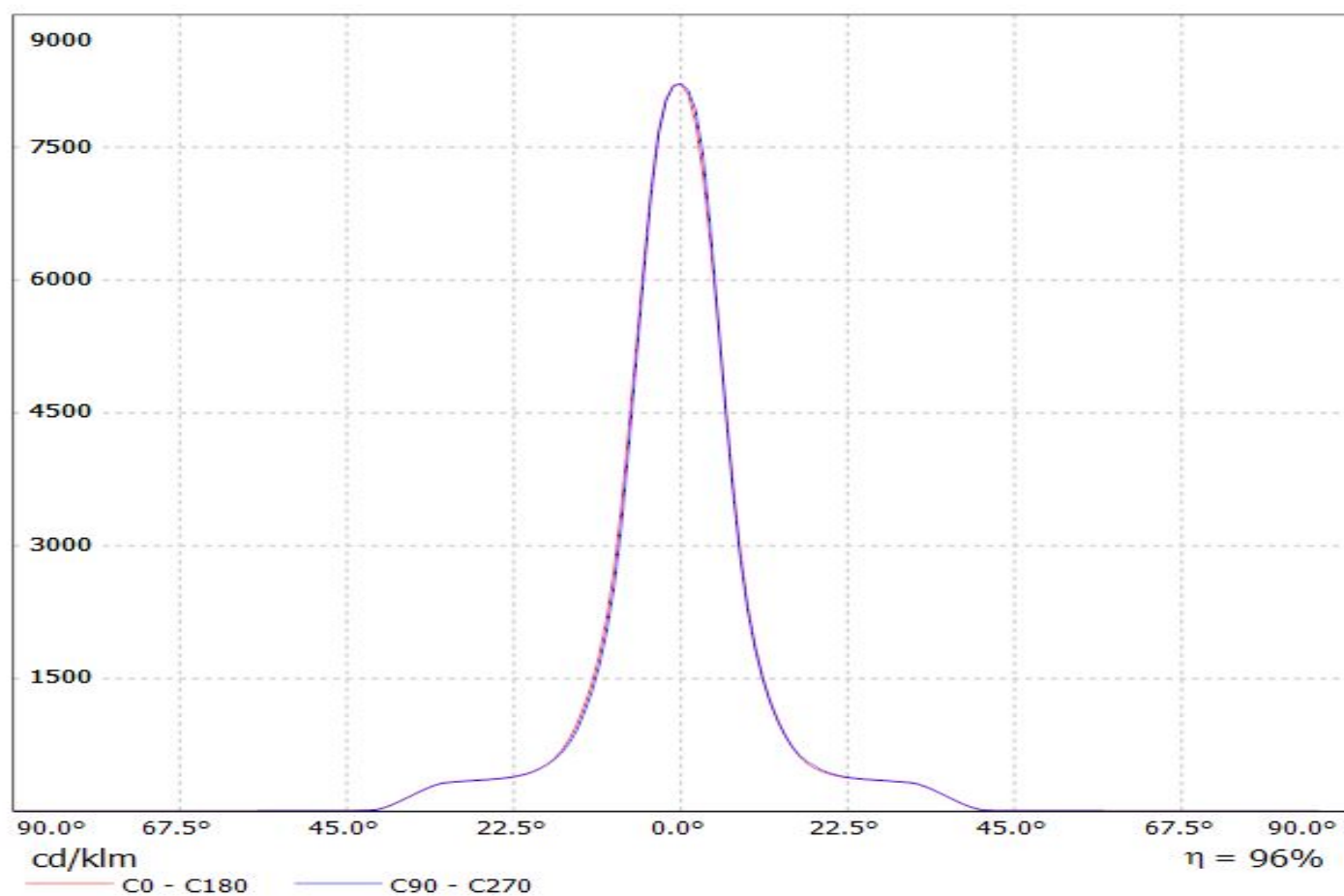
Luminaire: LEDiL Oy F13662\_ANGELA-S-B\_(ZC40)

Lamps: 1 x SEOUL\_ZC40\_(SBWW5F1B)\_1176.6lm@250mA\_P=8.22171W\_I=249.9mA

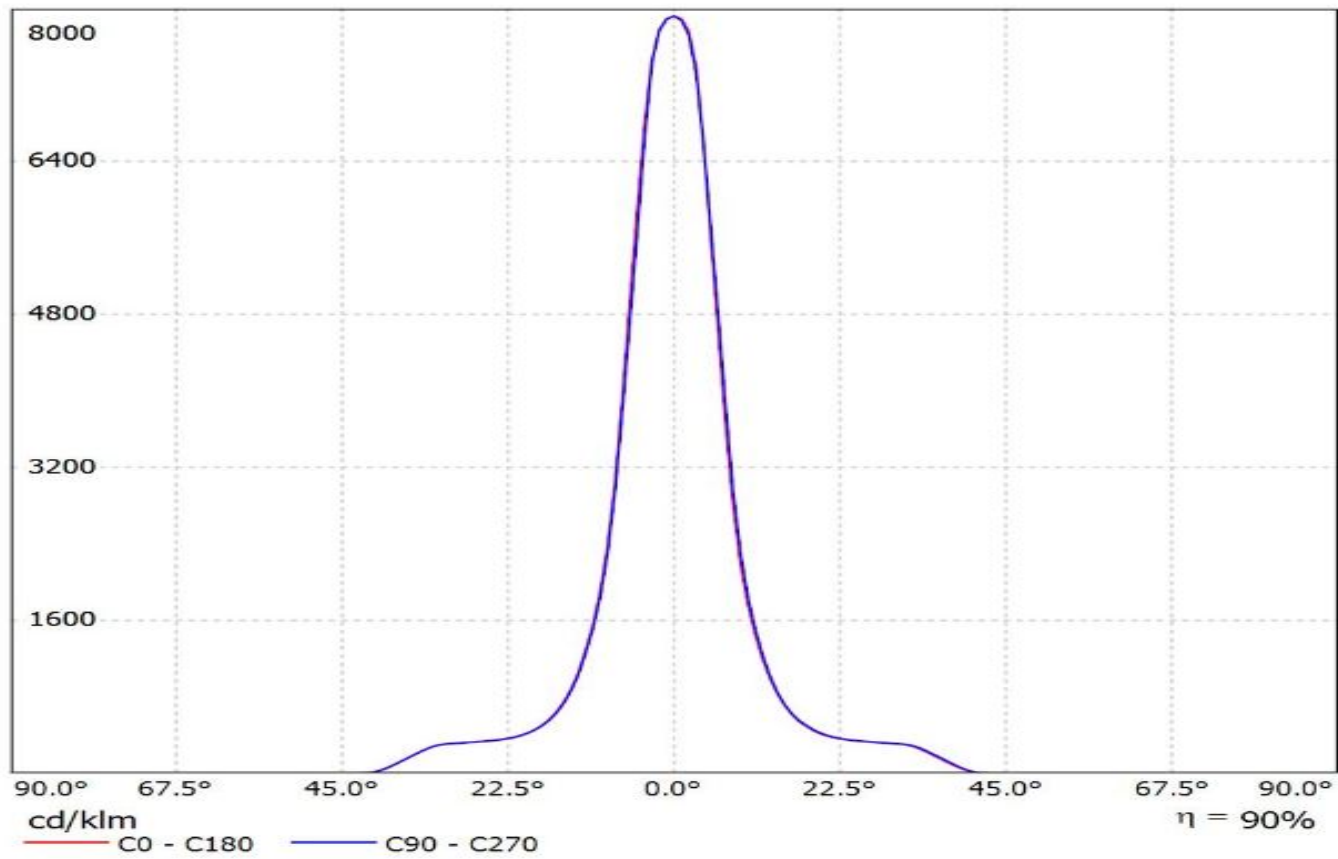


Luminaire: LEDiL Oy F13662\_ANGELA-S-B\_(SLE\_G4\_LES23)

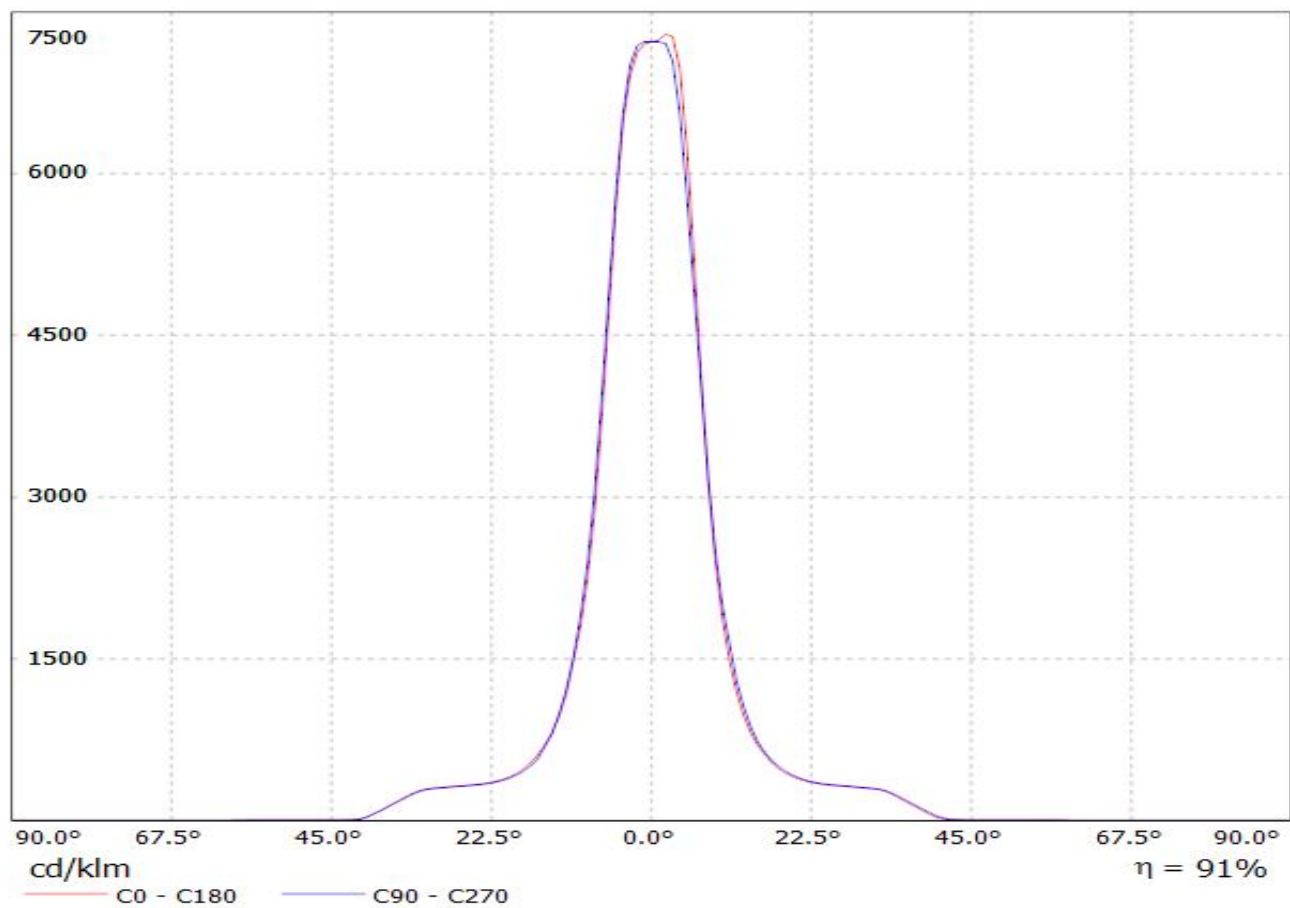
Lamps: 1 x Tridonic\_SLE\_G4\_LES23\_1354.57lm@250mA\_P=8.18744W\_I=0.2498A



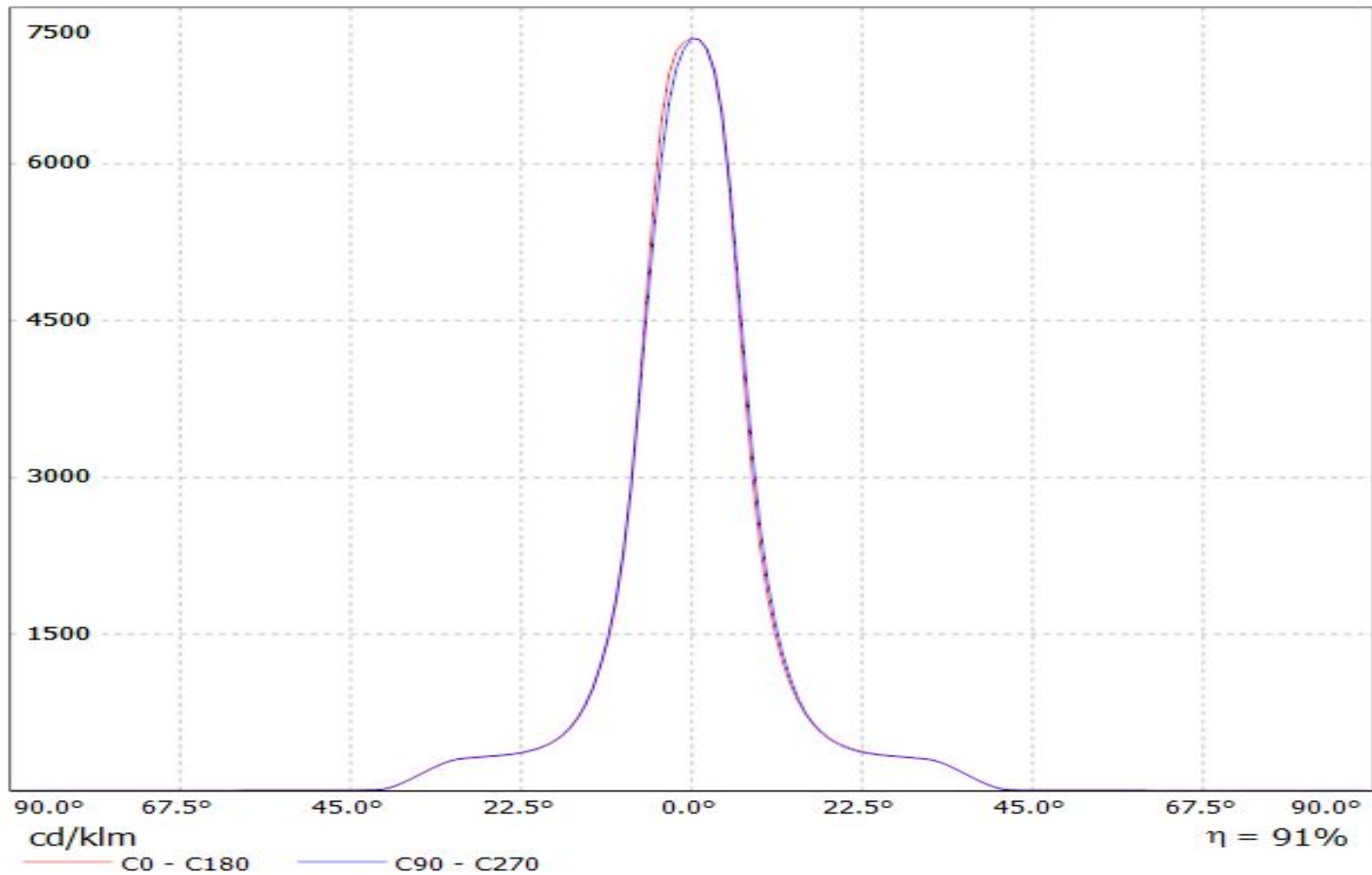
Luminaire: LEDiL Oy F13662\_ANGELA-S-B\_(SLE-G5\_LES-23)  
Lamps: 1 x Tridonic\_SLE-G5\_LES-23\_1371.74lm@250mA\_P=8.1065W\_I=0.250A



Luminaire: LEDiL Oy F13662\_ANGELA-S-B\_(CLL040) Eff.91.6%  
Lamps: 1 x Citizen\_CLL040\_1011.32lm@250mA\_P=8.24545W\_I=249.9mA

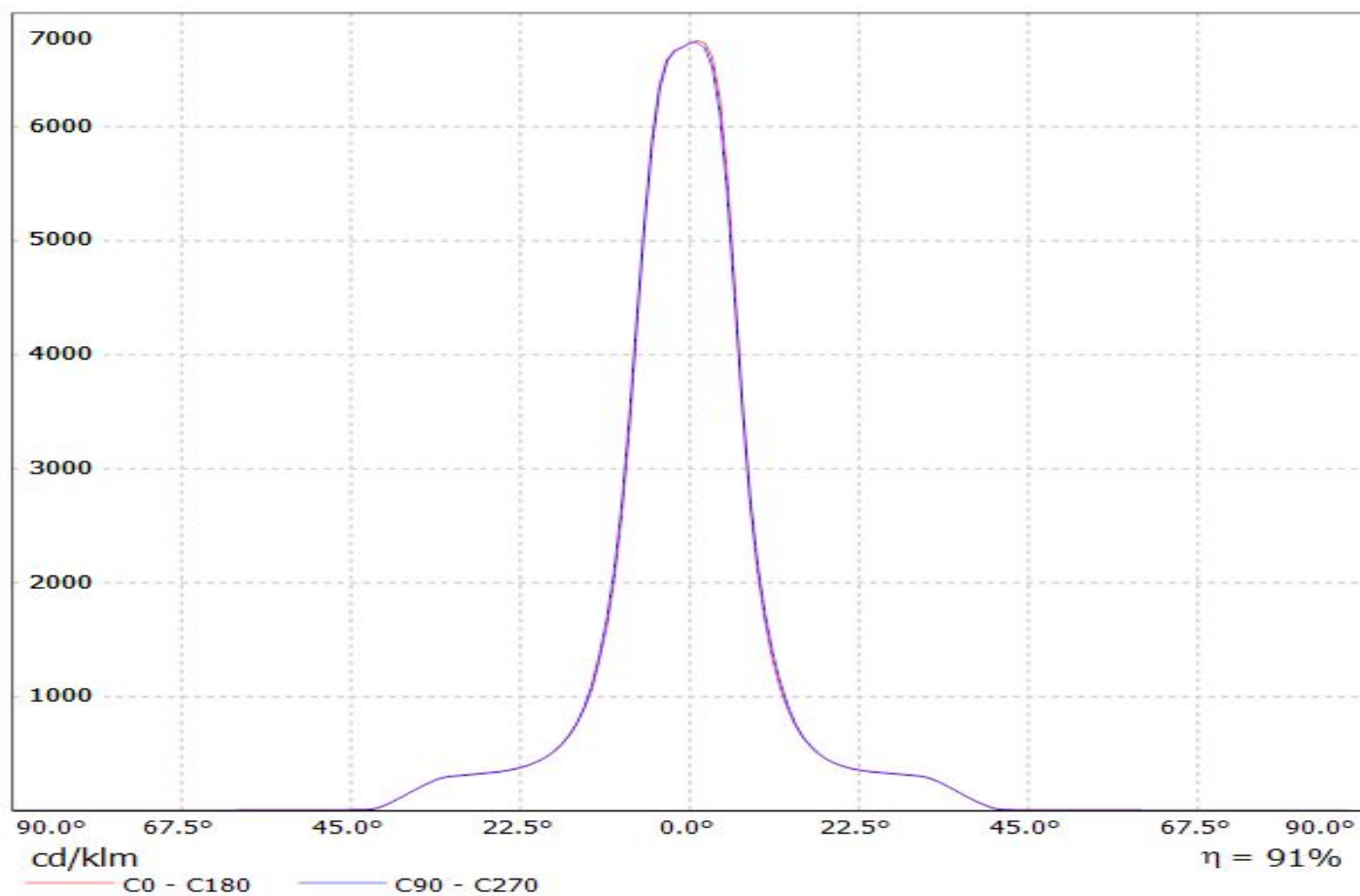


Luminaire: LEDiL Oy F13662\_ANGELA-S-B\_(CXA30)  
Lamps: 1 x Cree\_CXA30\_(CXA3050-3C0-Y2-N0H)\_1395.36lm@250mA\_P=8.20318W\_I=249.8mA

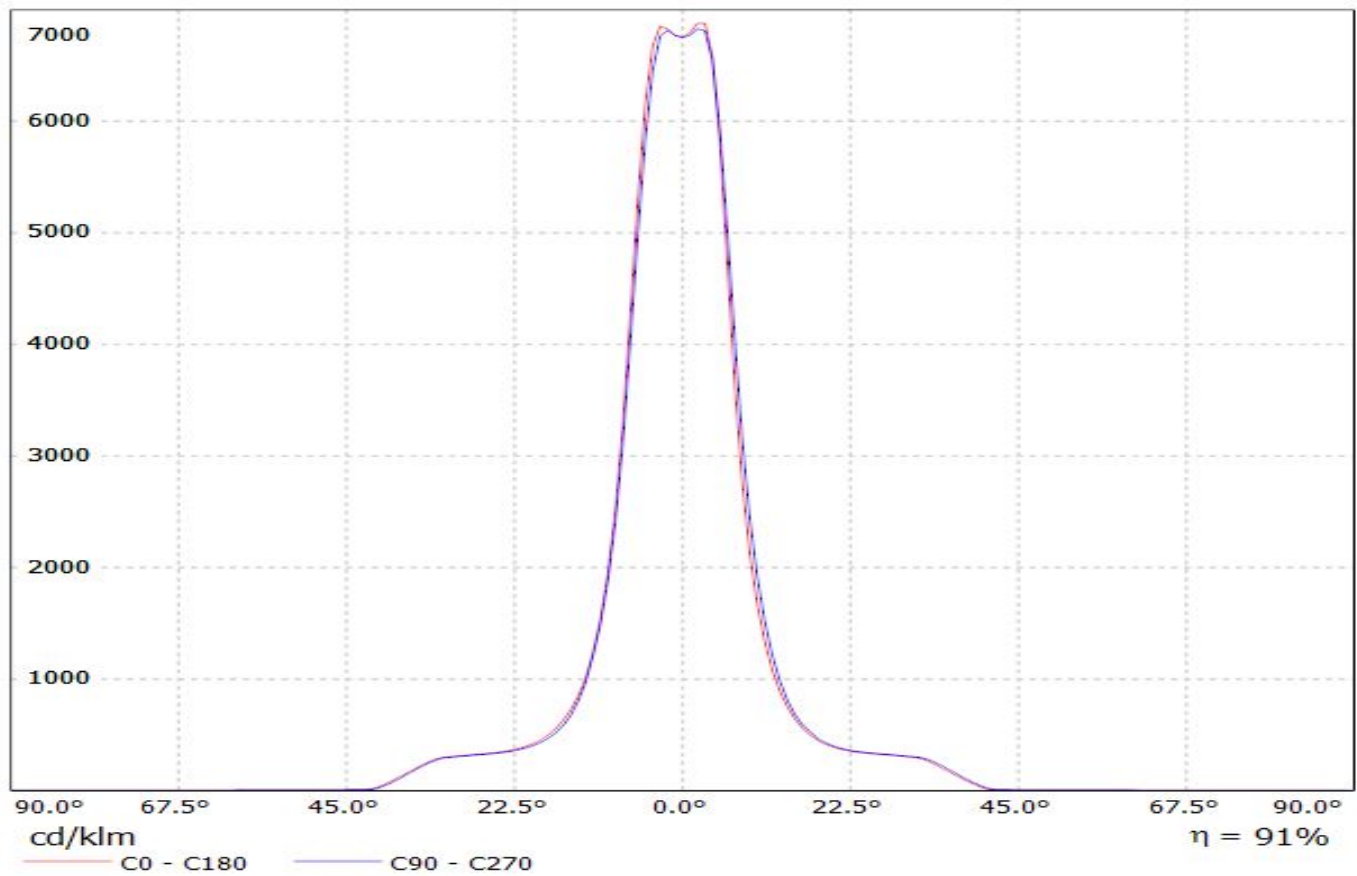


Luminaire: LEDiL Oy F13662\_ANGELA-S-B (COB\_40W)

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

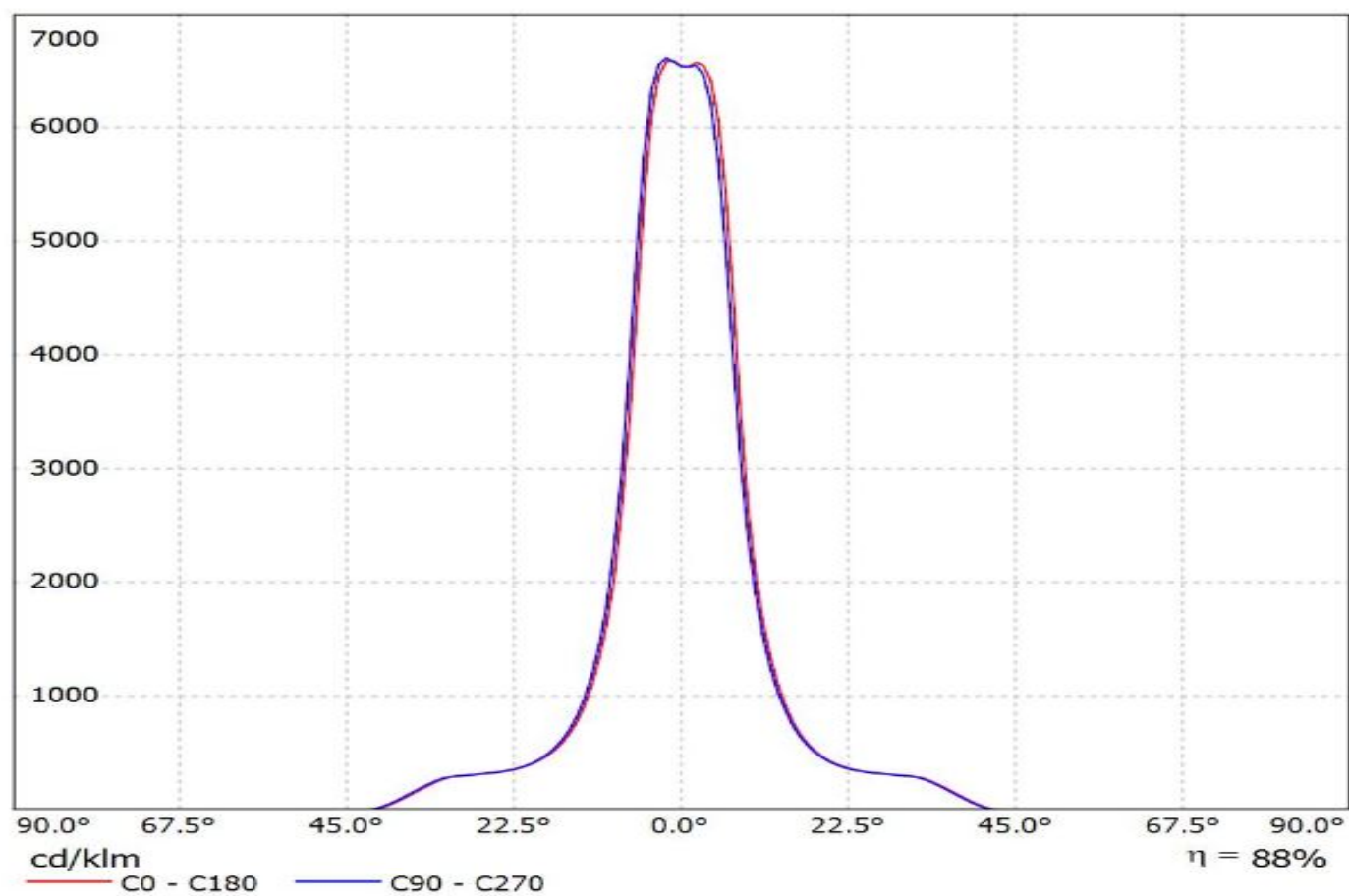


Luminaire: LEDiL Oy F13662\_ANGELA-S-B\_(CLU044)  
Lamps: 1 x Citizen\_CLU044\_(CLU044-1212B8-303M1A2)\_1300.9lm@250mA\_P=8.14849W\_I=249.9mA



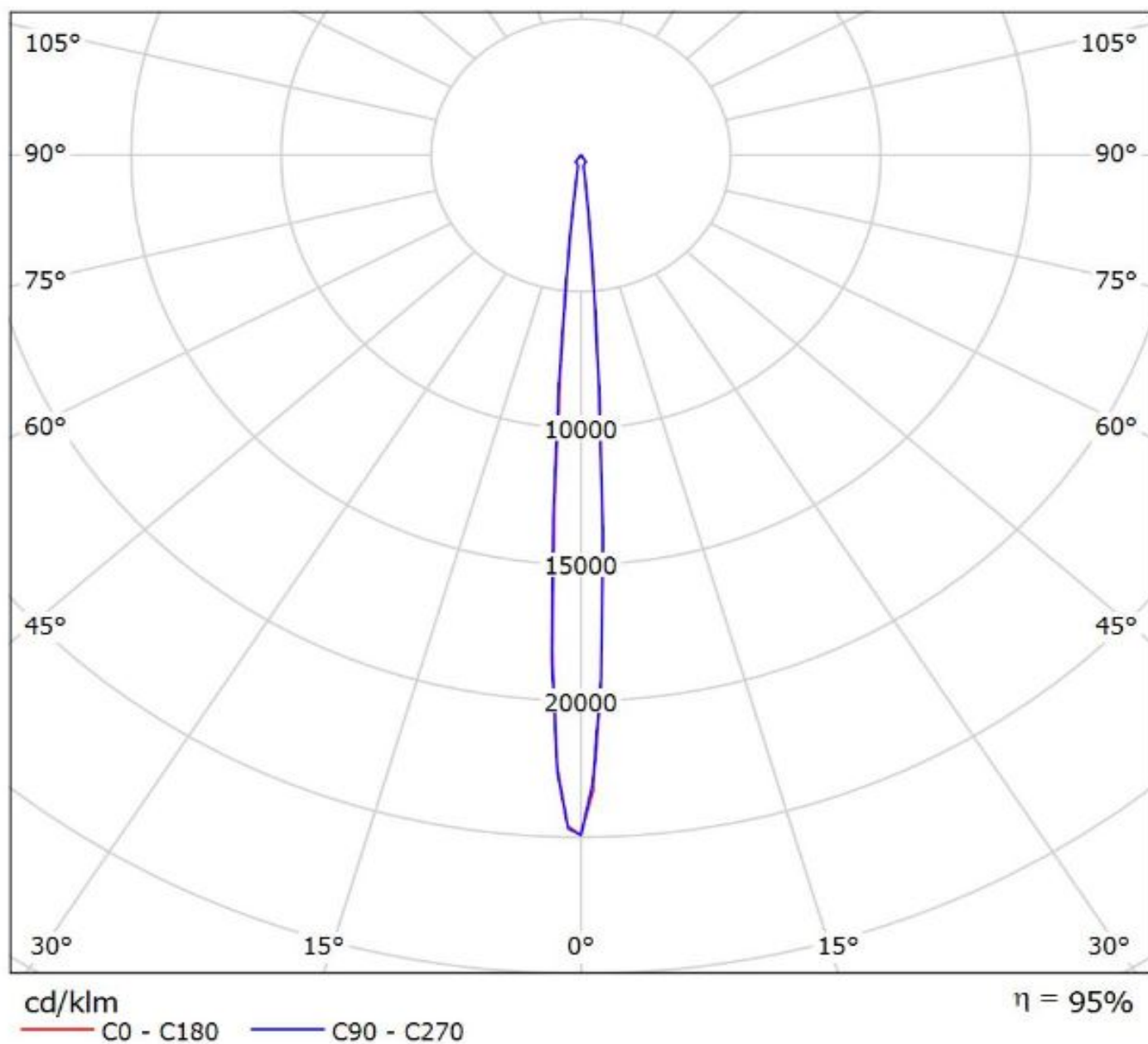
Luminaire: Ledil F13662\_ANGELA-S-B\_(CoB\_1216)

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

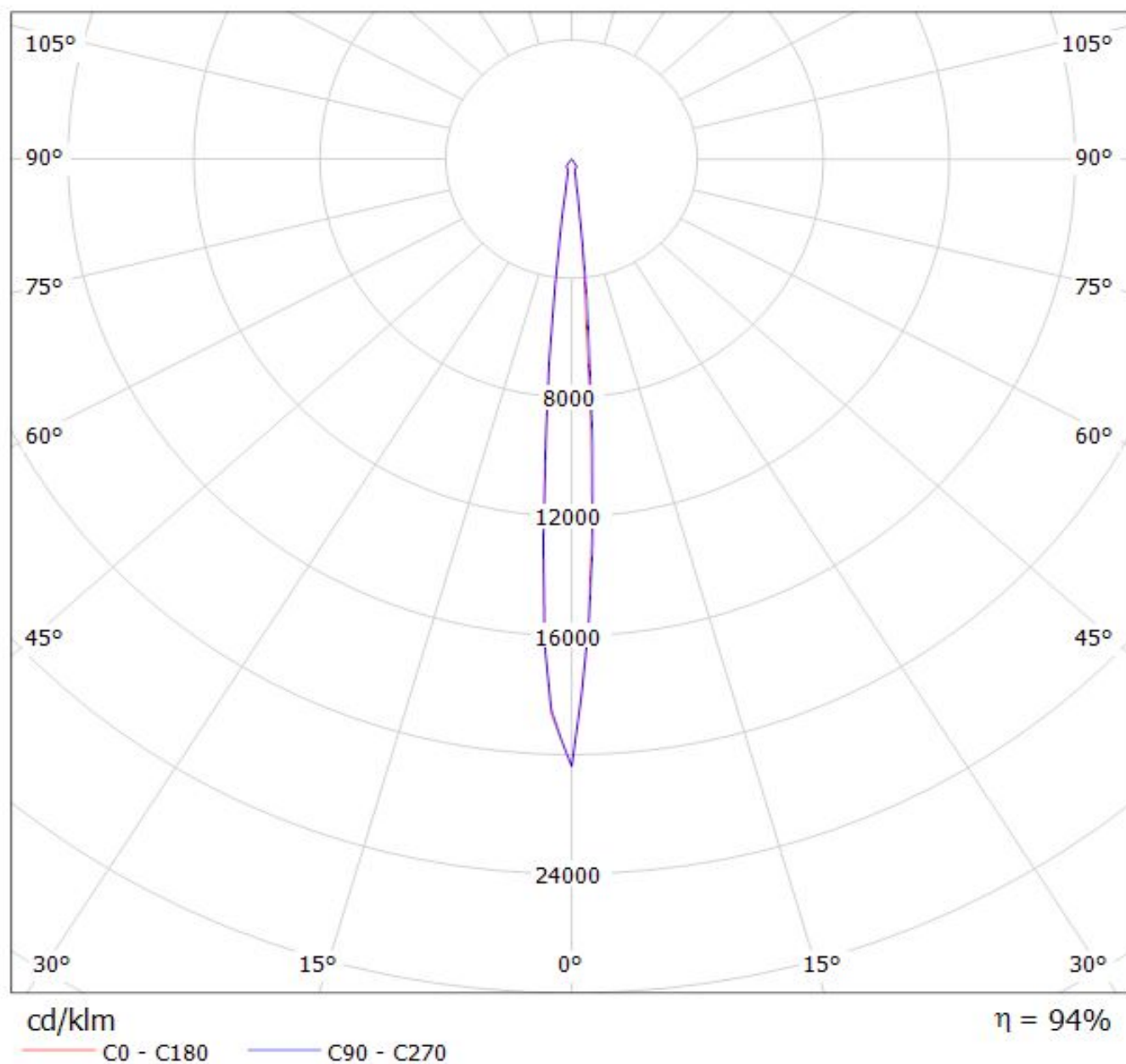




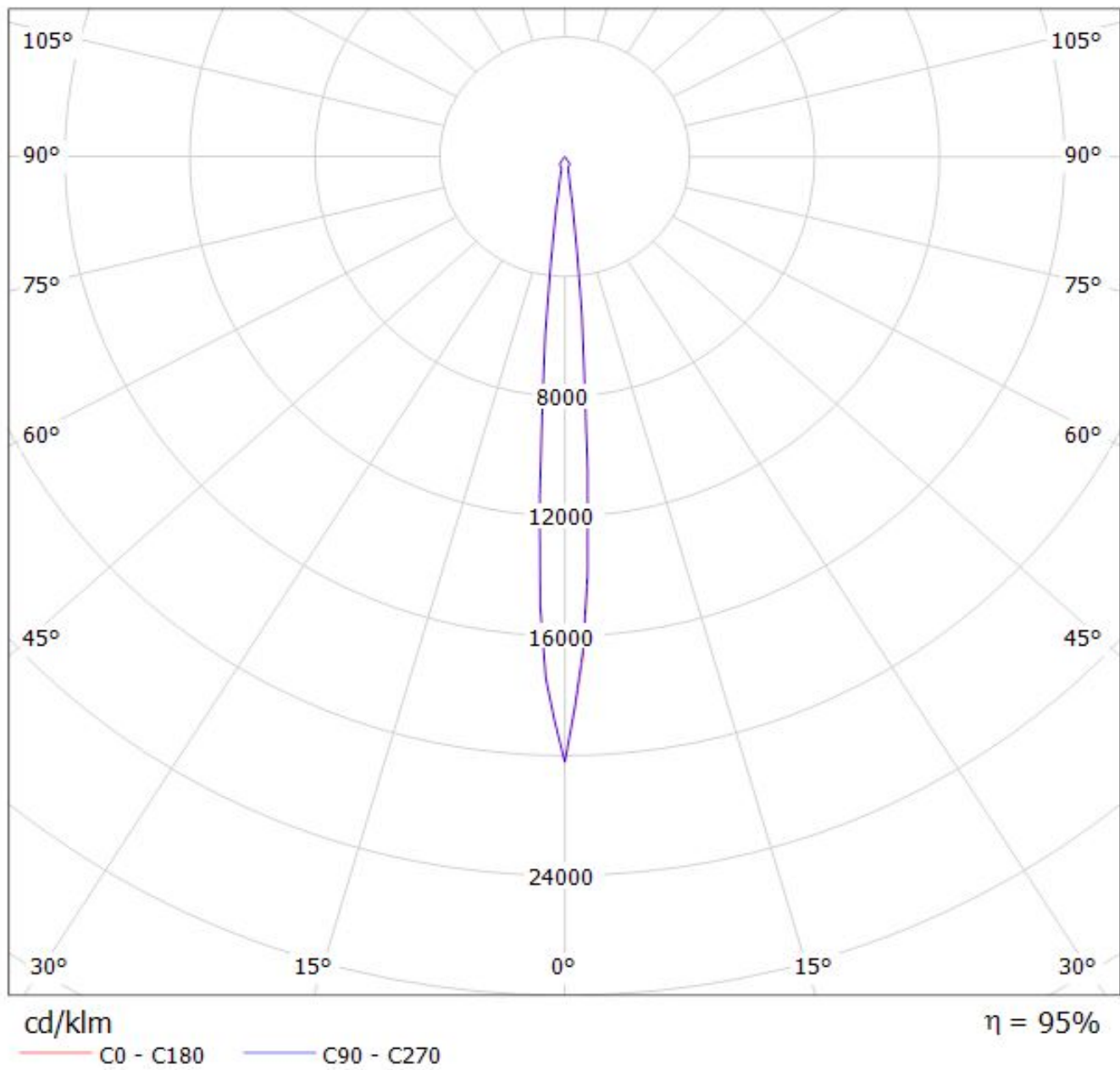
Luminaire: Ledil F13662\_ANGELA-S-B\_(CITIZEN\_CLU720)  
Lamps: 1 x CITIZEN\_CLU720\_(CLU720-1206B8-273M2)  
\_1320.42lm@250mA\_CCT=2700K\_P=8.35W\_I=0.25A



Luminaire: LEDiL Oy F13662\_ANGELA-S-B\_(BXRA\_ES) Eff.93.7%  
Lamps: 1 x Bridgelux\_BXRA\_ES\_287.055lm@250mA\_P=4.09486W\_I=249.9mA

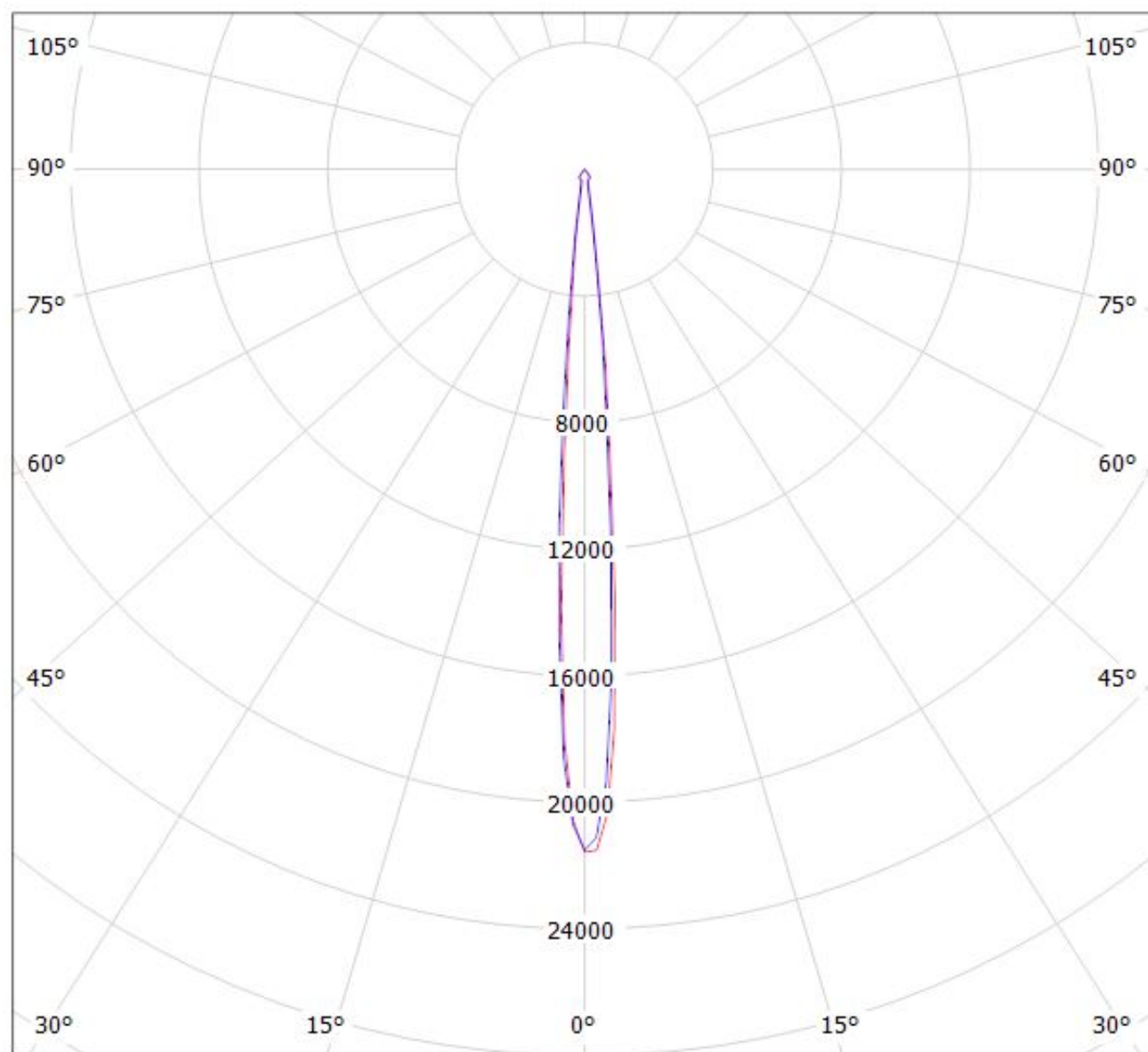


Luminaire: LEDiL Oy F13662\_ANGELA-S-B\_(COB-10W)  
Lamps: 1 x LG\_COB-10W\_1065.13lm@250mA\_P=9.09921W\_I=249.8mA



Luminaire: LEDiL Oy F13662\_ANGELA-S-B\_(S13) Eff.94.0%

Lamps: 1 x Osram\_Solericq\_S13\_901.003lm@250mA\_P=7.48151W\_I=249.9mA



cd/klm

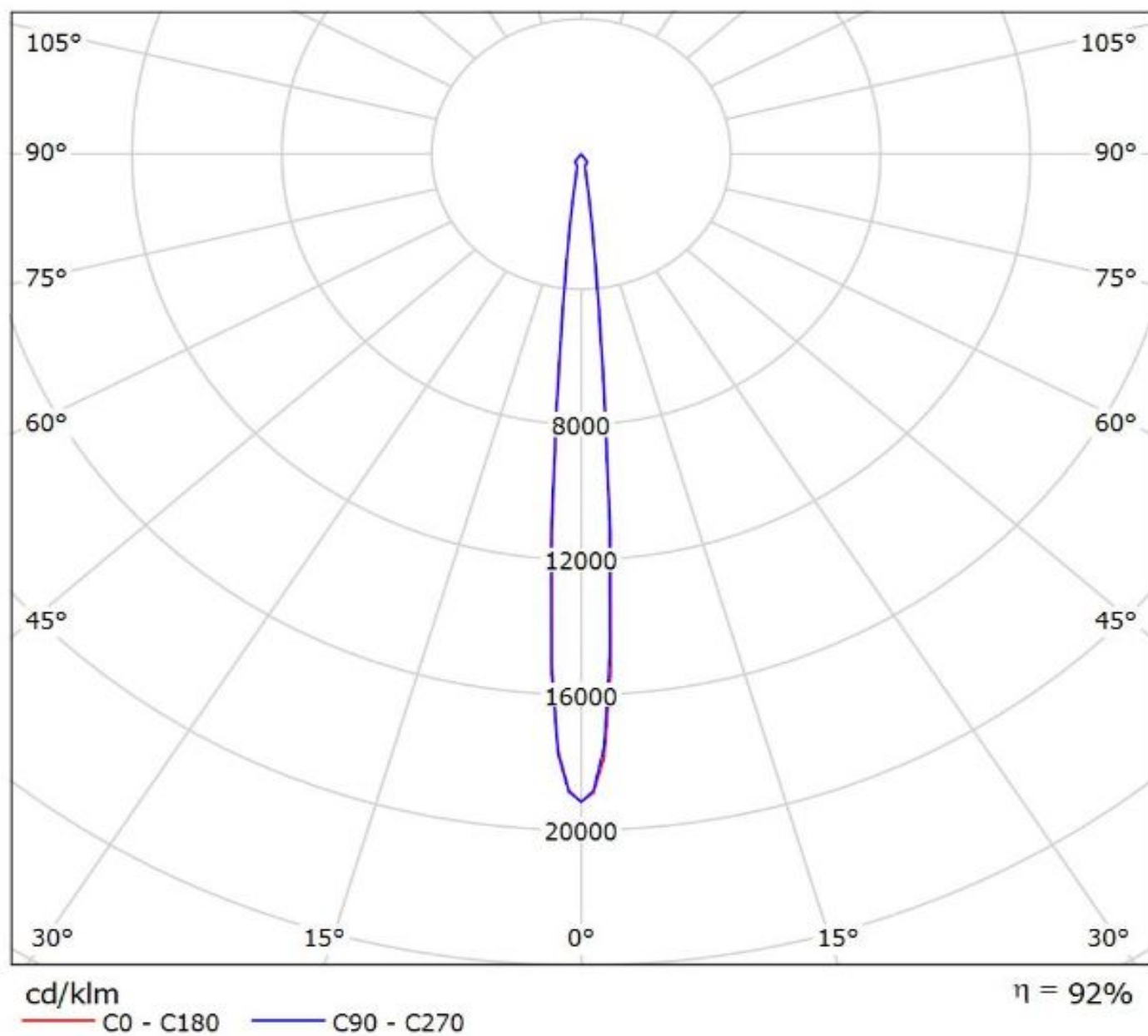
— C0 - C180

— C90 - C270

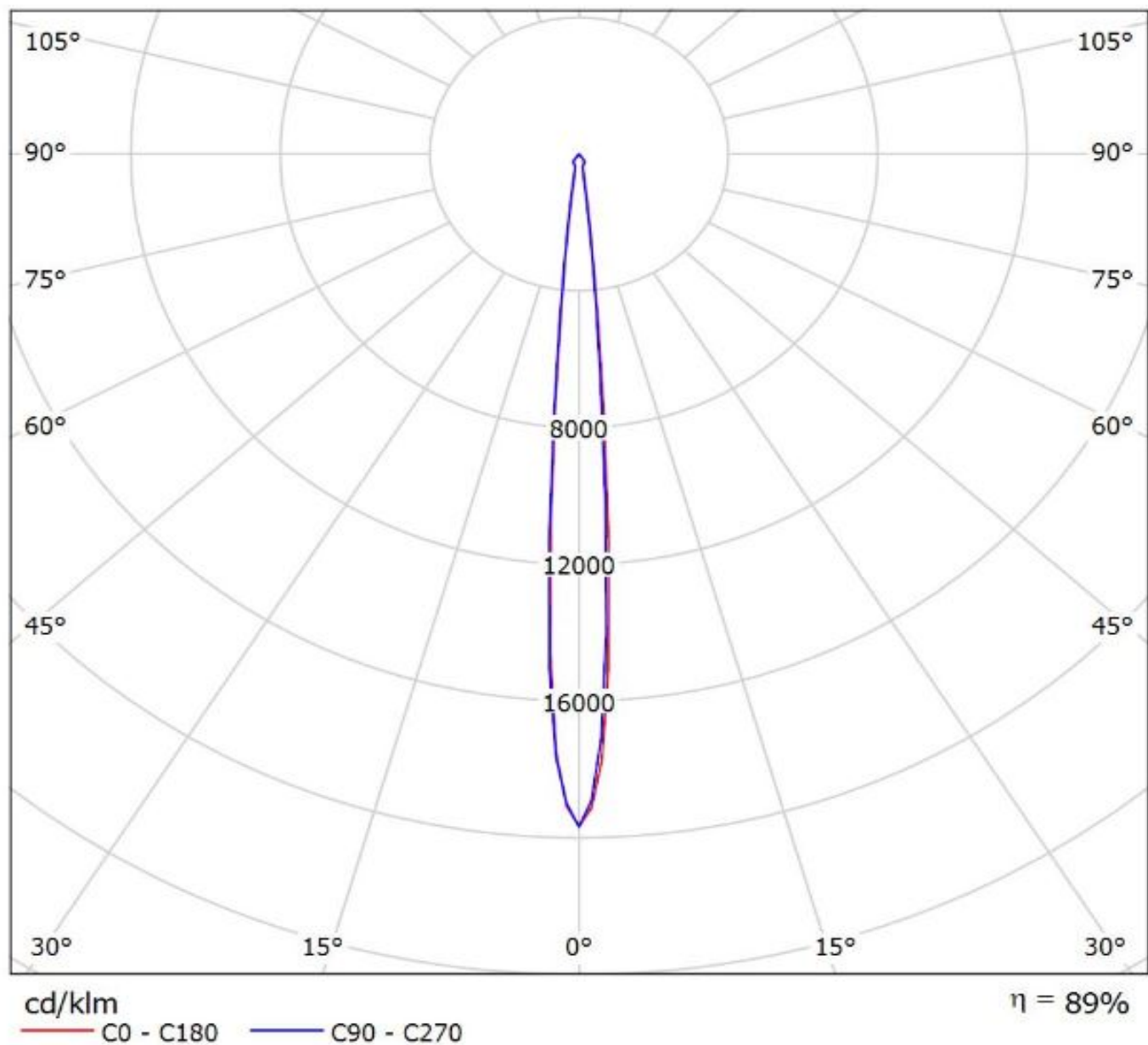
$\eta = 93\%$

Luminaire: LEDiL Oy F13662\_ANGELA-S-B\_(SLE-G5\_LES-15)

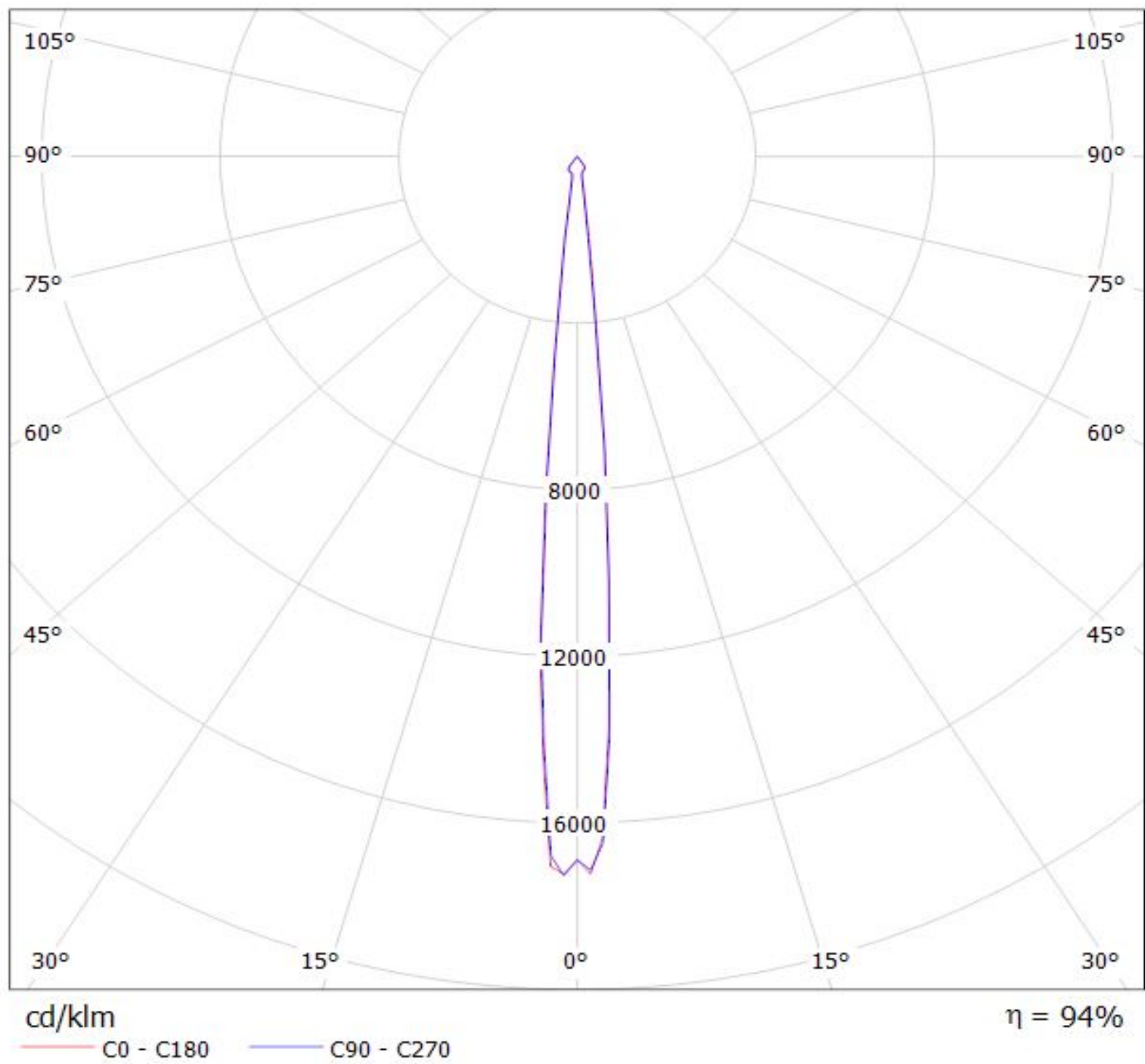
Lamps: 1 x Tridonic\_SLE-G5\_LES-15\_1272.36lm@250mA\_P=8.6660W\_I=0.250A



Luminaire: Ledil F13662\_ANGELA-S-B\_(Soleriq\_S13\_G2)  
Lamps: 1 x Osram\_Soleriq\_S13\_G2\_(GW\_KAGHB2.EM)1353.18lm@250mA\_P=8.46W\_I=0.25A



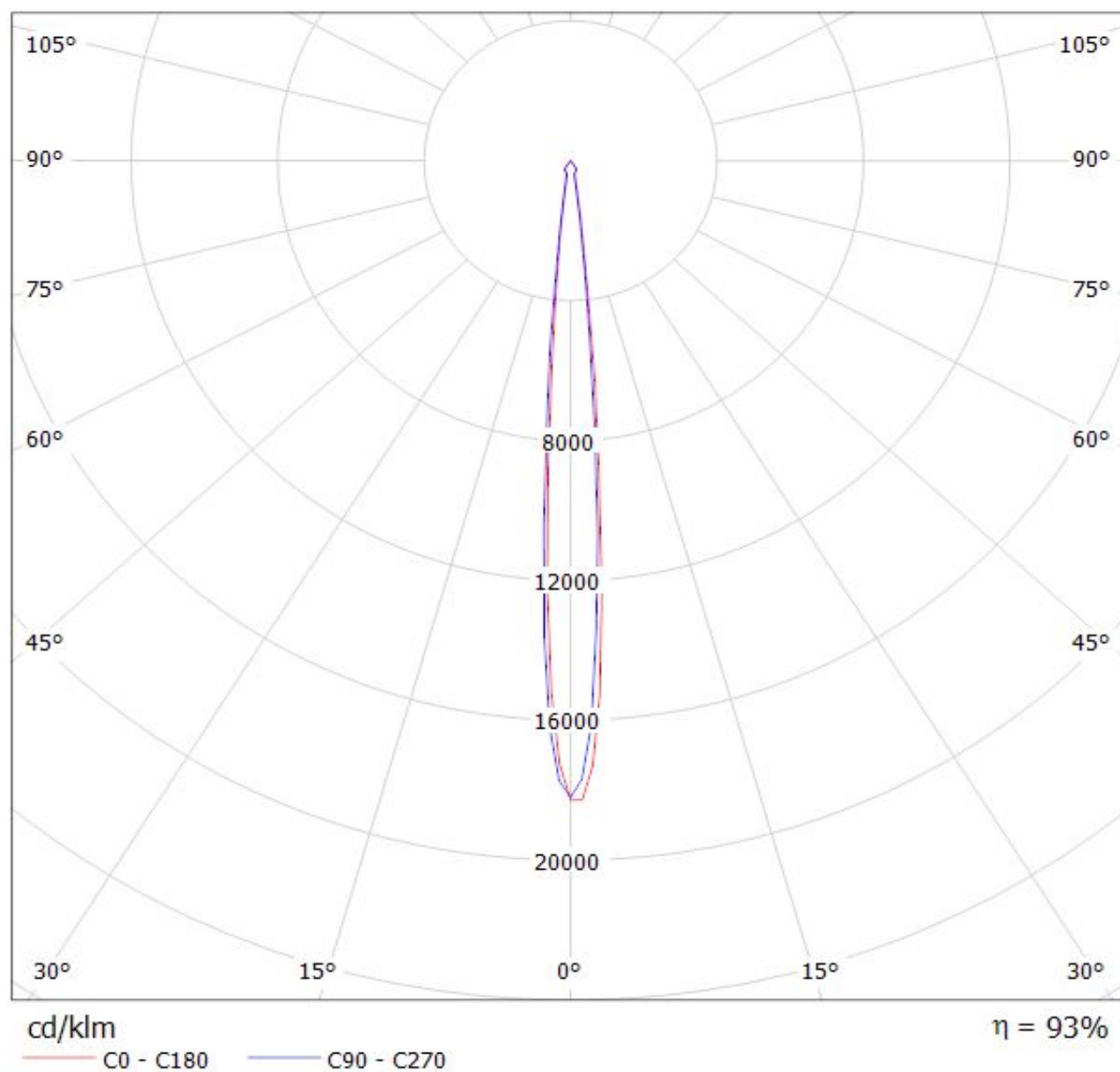
Luminaire: LEDiL Oy F13662\_ANGELA-S-B\_(K12) Eff.94.0%  
Lamps: 1 x Luxeon\_K12\_922.262lm@250mA\_P=8.18947W\_I=249.9mA





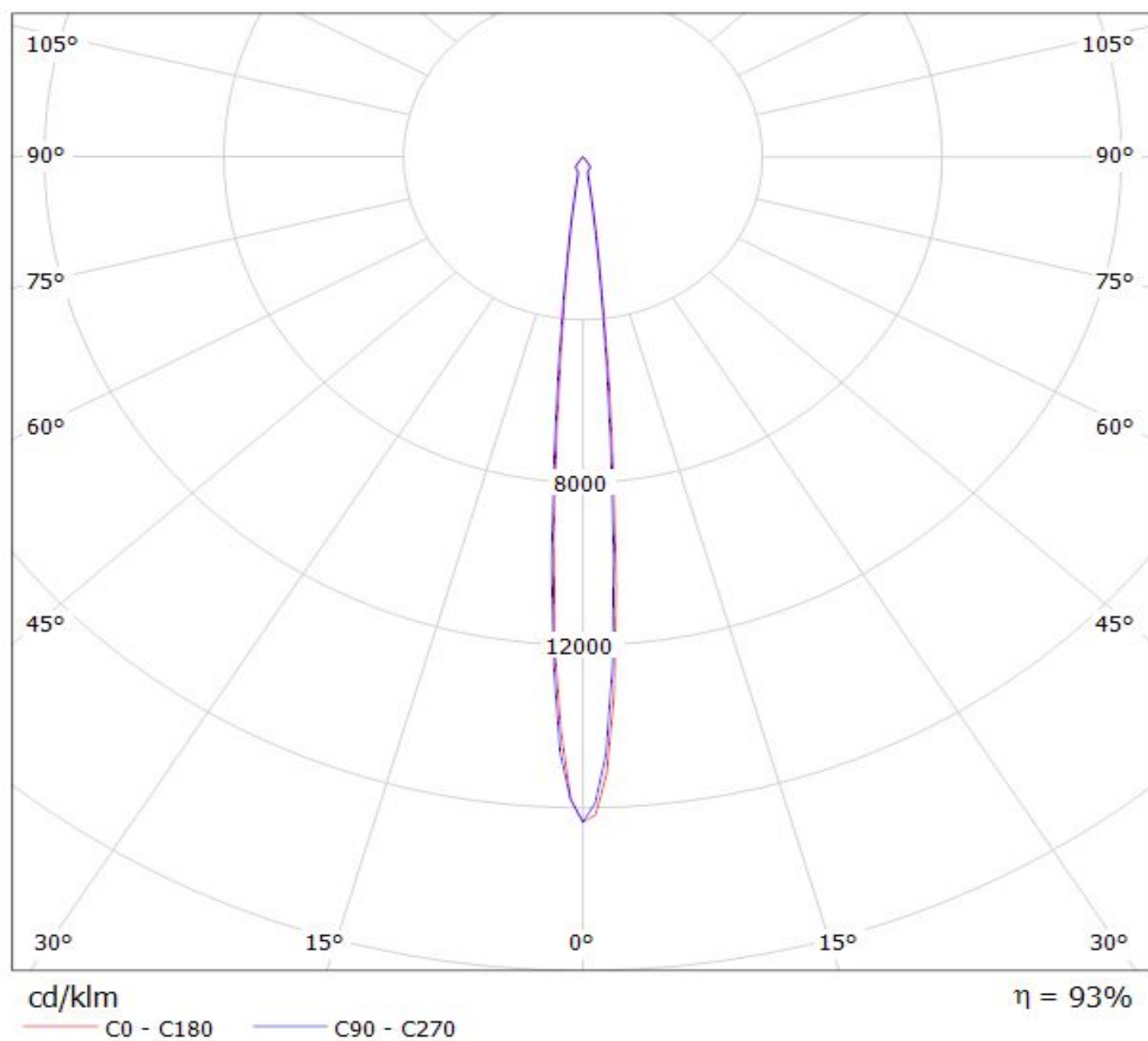
Luminaire: LEDiL Oy F13662\_ANGELA-S-B\_(CLL030)

Lamps: 1 x CITIZEN\_CLL030\_(CLL030-1206A1-303M1A2)\_1046.22lm@250mA\_P=8.46761W\_I=249.9mA

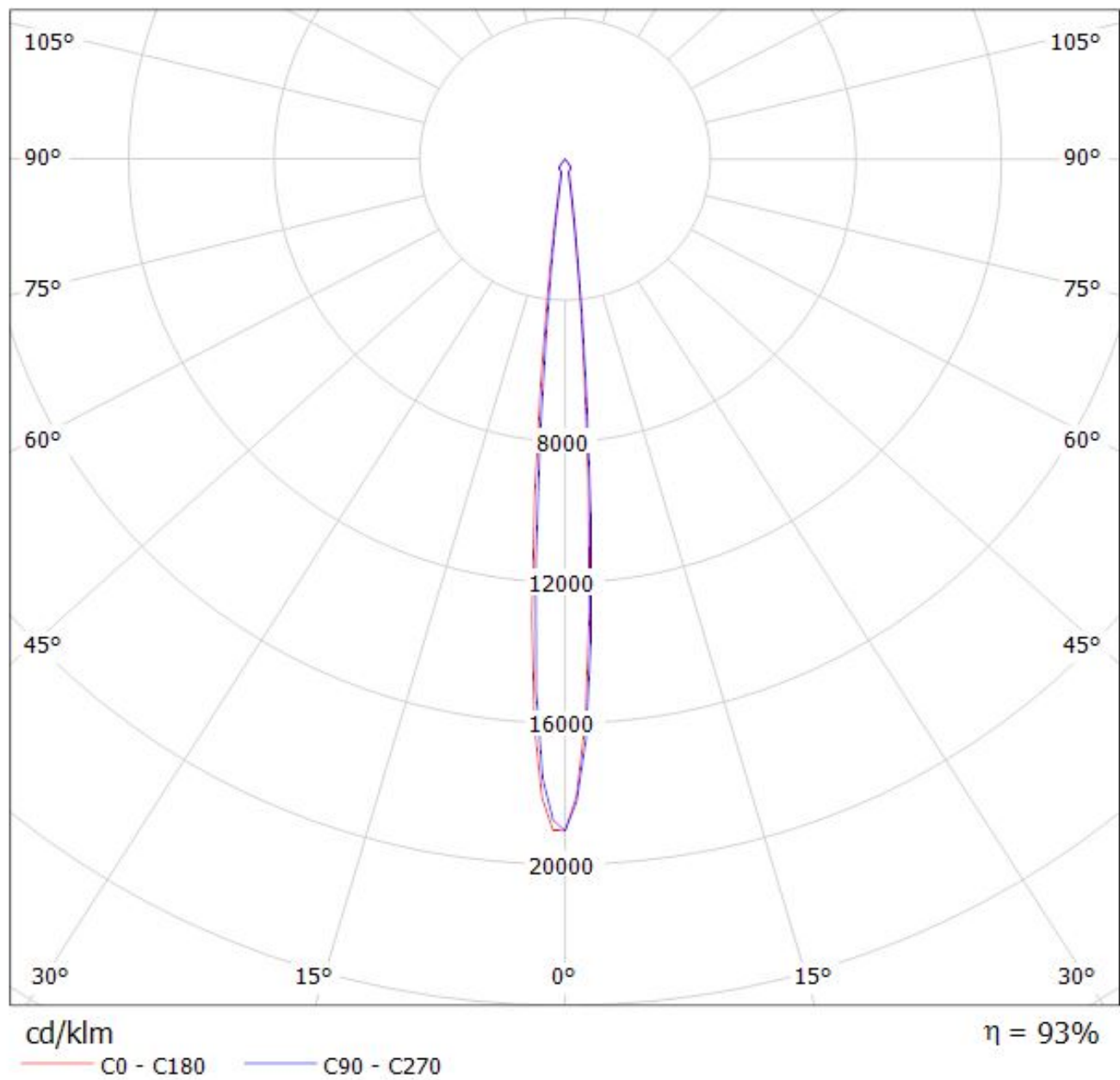




Luminaire: LEDiL Oy F13662\_ANGELA-S-B\_(CXM-14)  
Lamps: 1 x LUMINUS\_XNOVA\_CXM-14\_(AC00)  
\_1049.18lm@250mA\_CCT=3126K\_P=8.31834W\_I=249.8mA

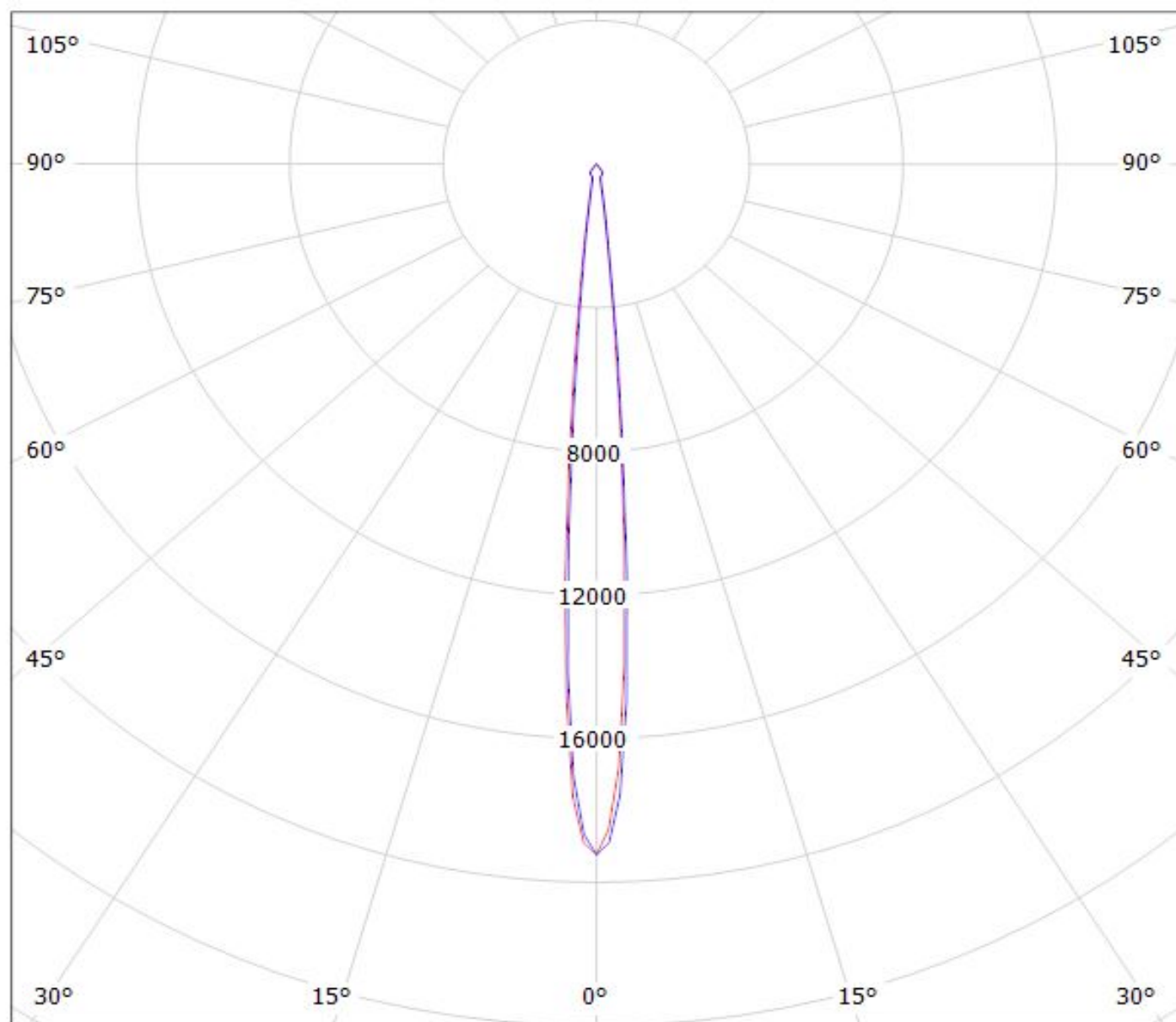


Luminaire: LEDiL Oy F13662\_ANGELA-S-B\_(Luxeon\_CoB\_1205)  
Lamps: 1 x LUXEON\_COB\_1205\_(LHC1-3080-1205)\_1115lm@250mA\_CCT=3000K\_P=11.183W\_I=249.8mA



Luminaire: LEDiL Oy F13662\_ANGELA-S-B\_(LG\_COB\_10W)

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



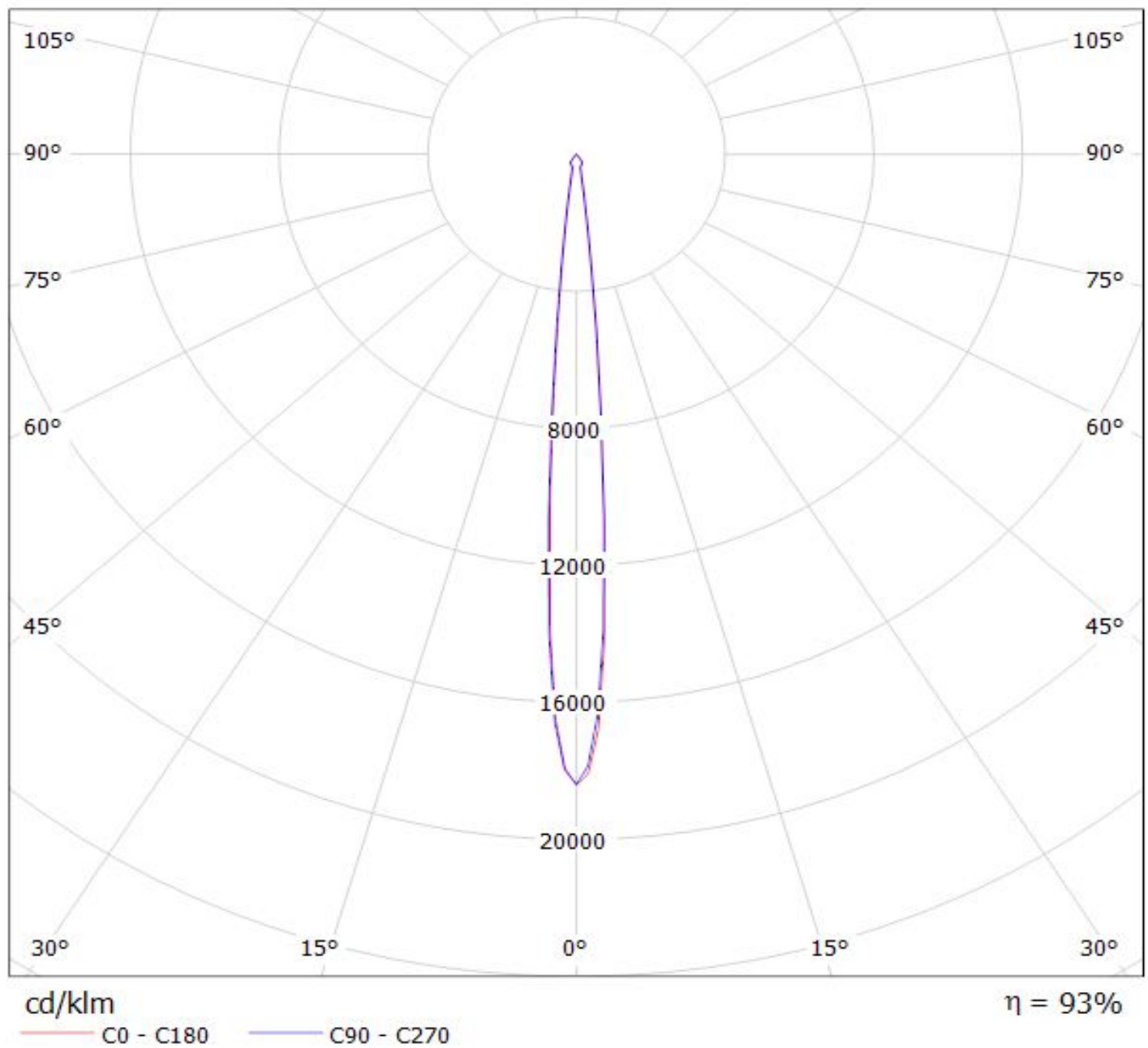
cd/klm

— C0 - C180

— C90 - C270

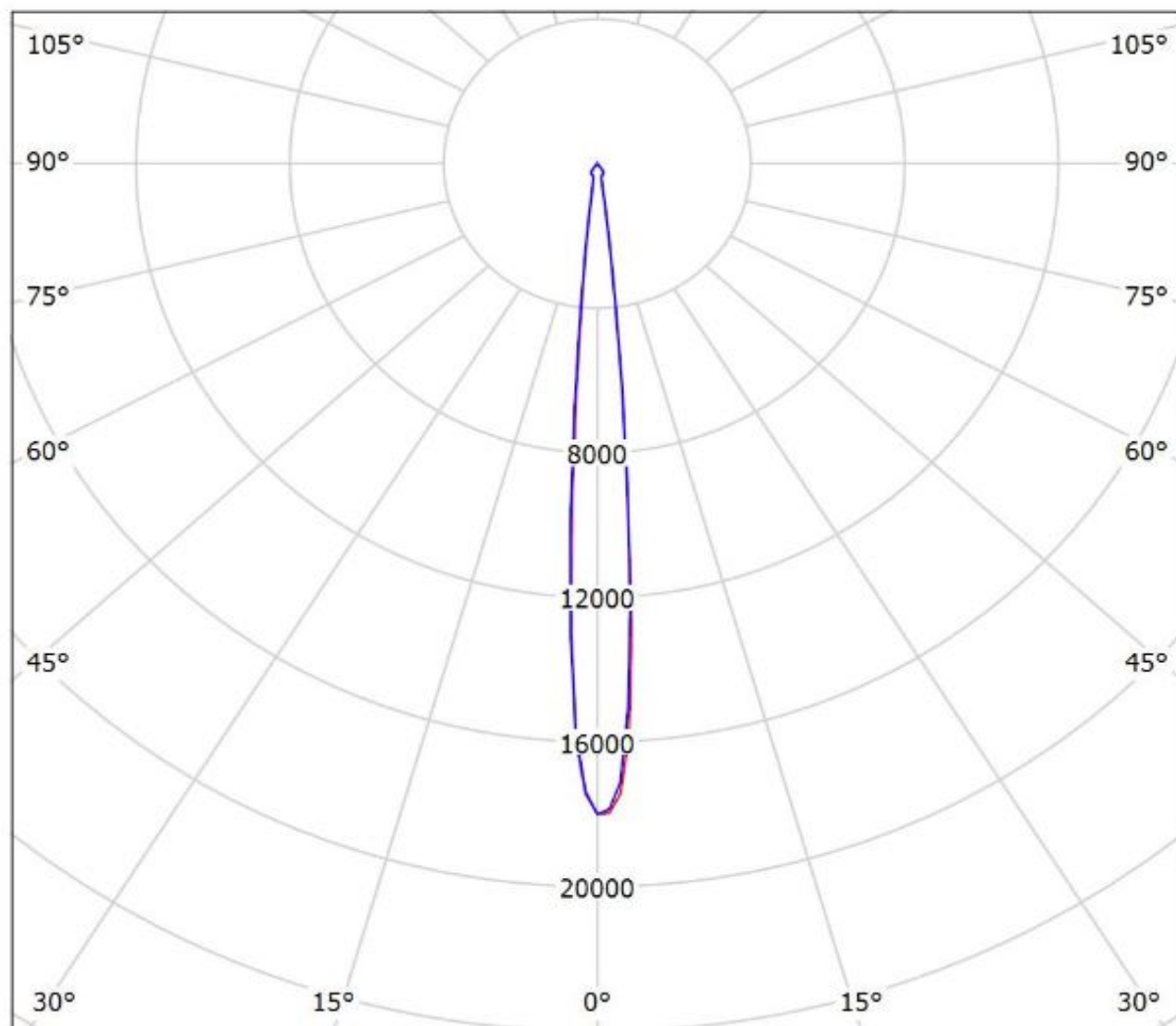
$\eta = 93\%$

Luminaire: LEDiL Oy F13662\_ANGELA-S-B\_(ZC12)  
Lamps: 1 x SEOUL\_ZC12\_(SDW82F1C)\_1240.73lm@250mA\_P=8.68405W\_I=249.8mA



Luminaire: LEDiL Oy F13662\_ANGELA-S-B\_(SOLERIQ\_P13)

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



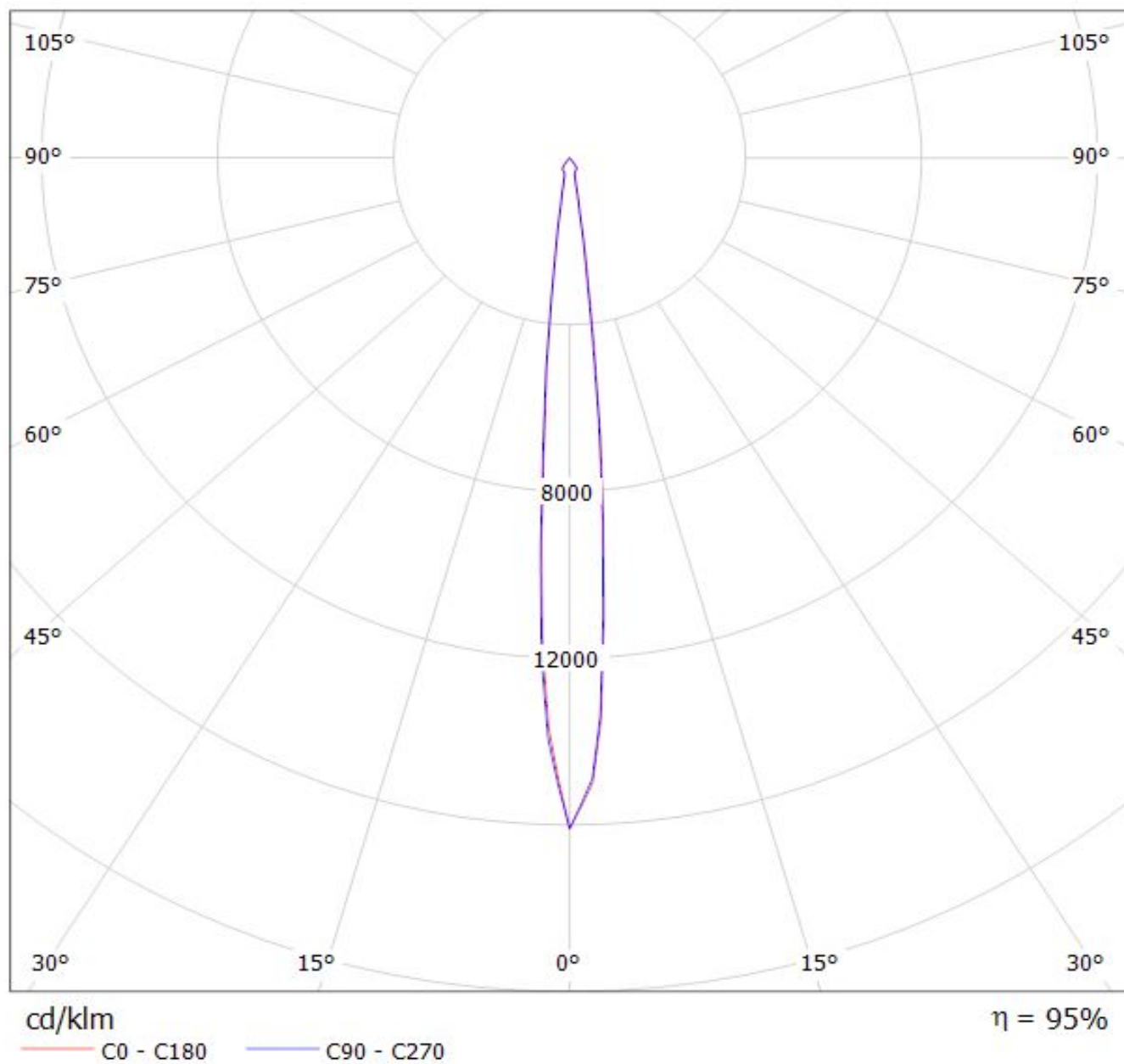
cd/klm

— C0 - C180 — C90 - C270

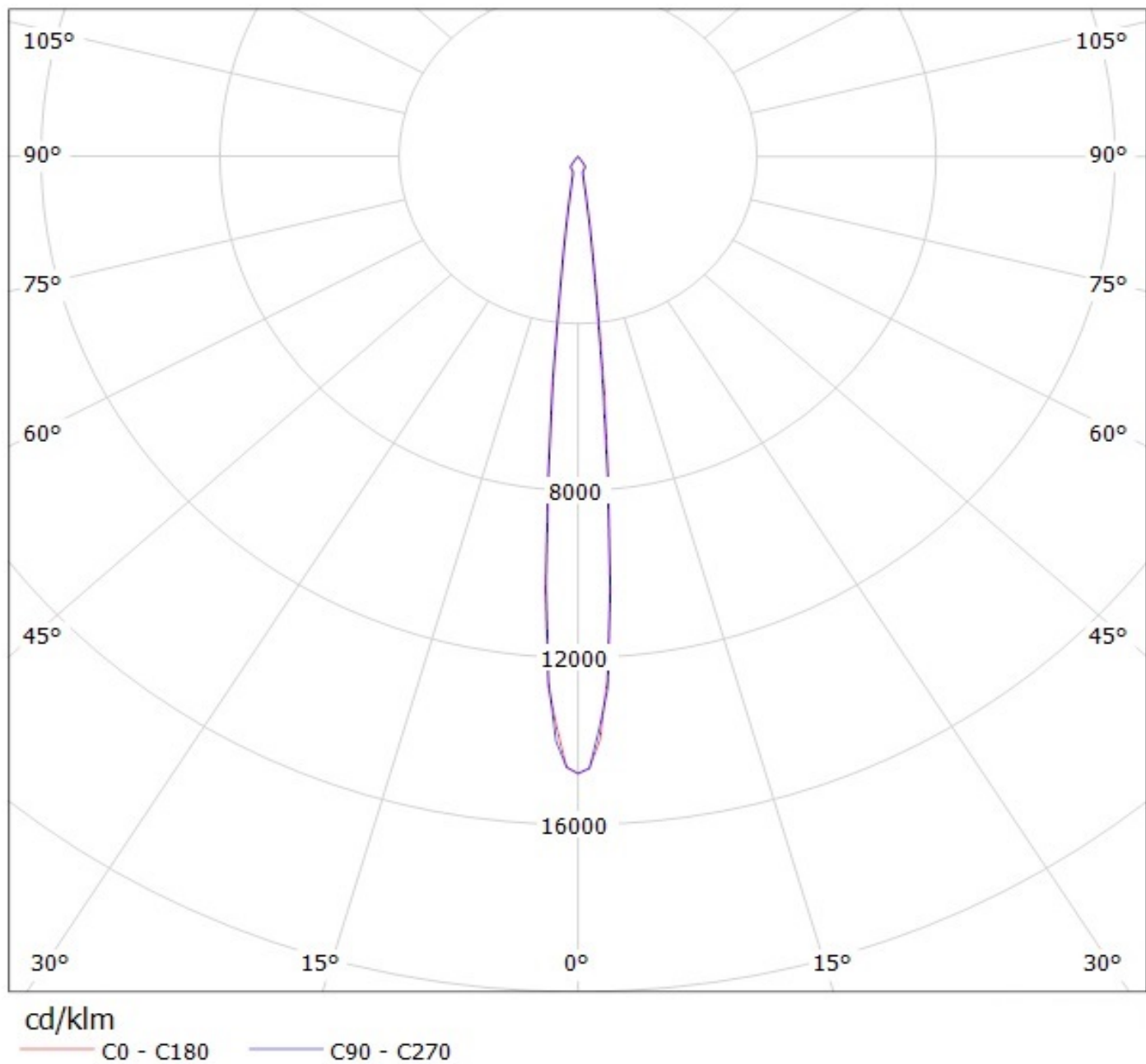
$\eta = 93\%$

Luminaire: LEDiL Oy F13662\_ANGELA-S-B\_(MZ) Eff.94.0%

Lamps: 1 x Sharp\_Mega\_Zenigata\_1226.07lm@250mA\_P=11.1573W\_I=249.8mA

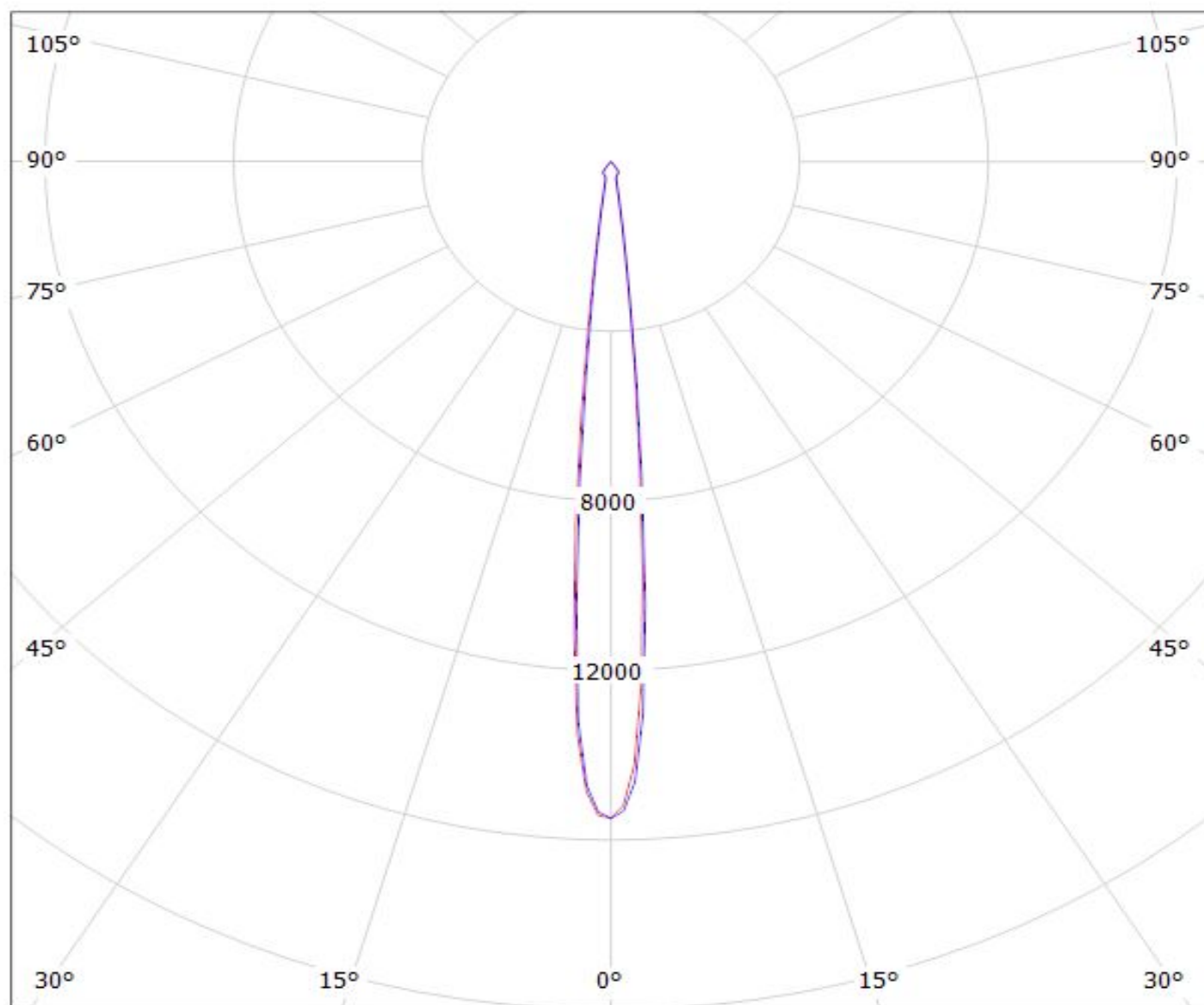


Luminaire: LEDiL Oy F13662\_ANGELA-S-B\_(Luxeon\_CoB\_1208)  
Lamps: 1 x Luxeon\_CoB\_1208\_1045.92lm@250mA\_P=8.25314W\_I=249.8mA





Luminaire: LEDiL Oy F13662\_ANGELA-S-B\_(MegaZenigata\_GW6)  
Lamps: 1 x Sharp\_MegaZenigata\_GW6\_(GW6DME30NFC)  
\_1266.19lm@250mA\_CCT=3038K\_P=11.2151W\_I=250.6mA



cd/klm

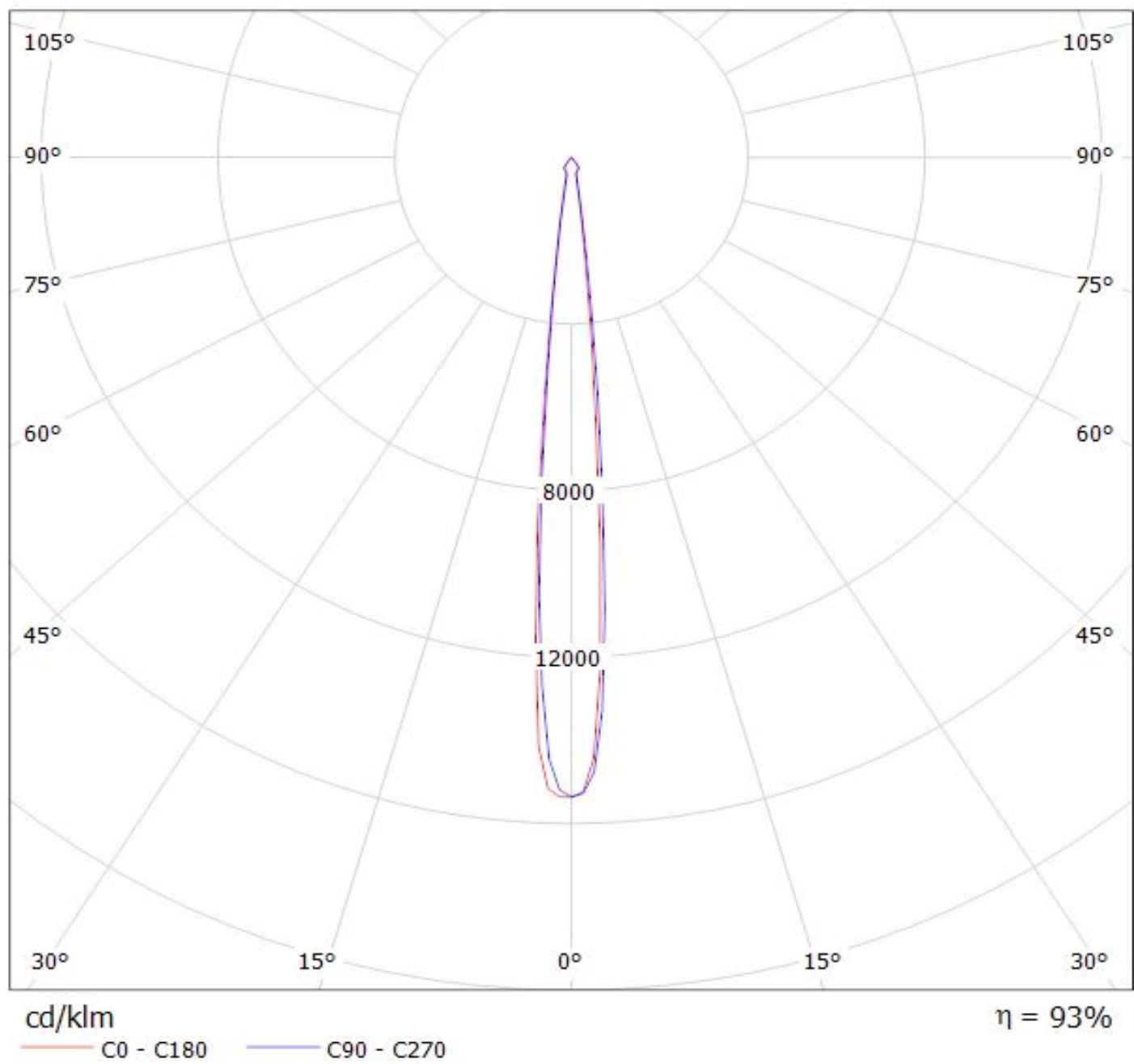
$\eta = 94\%$

— C0 - C180

— C90 - C270

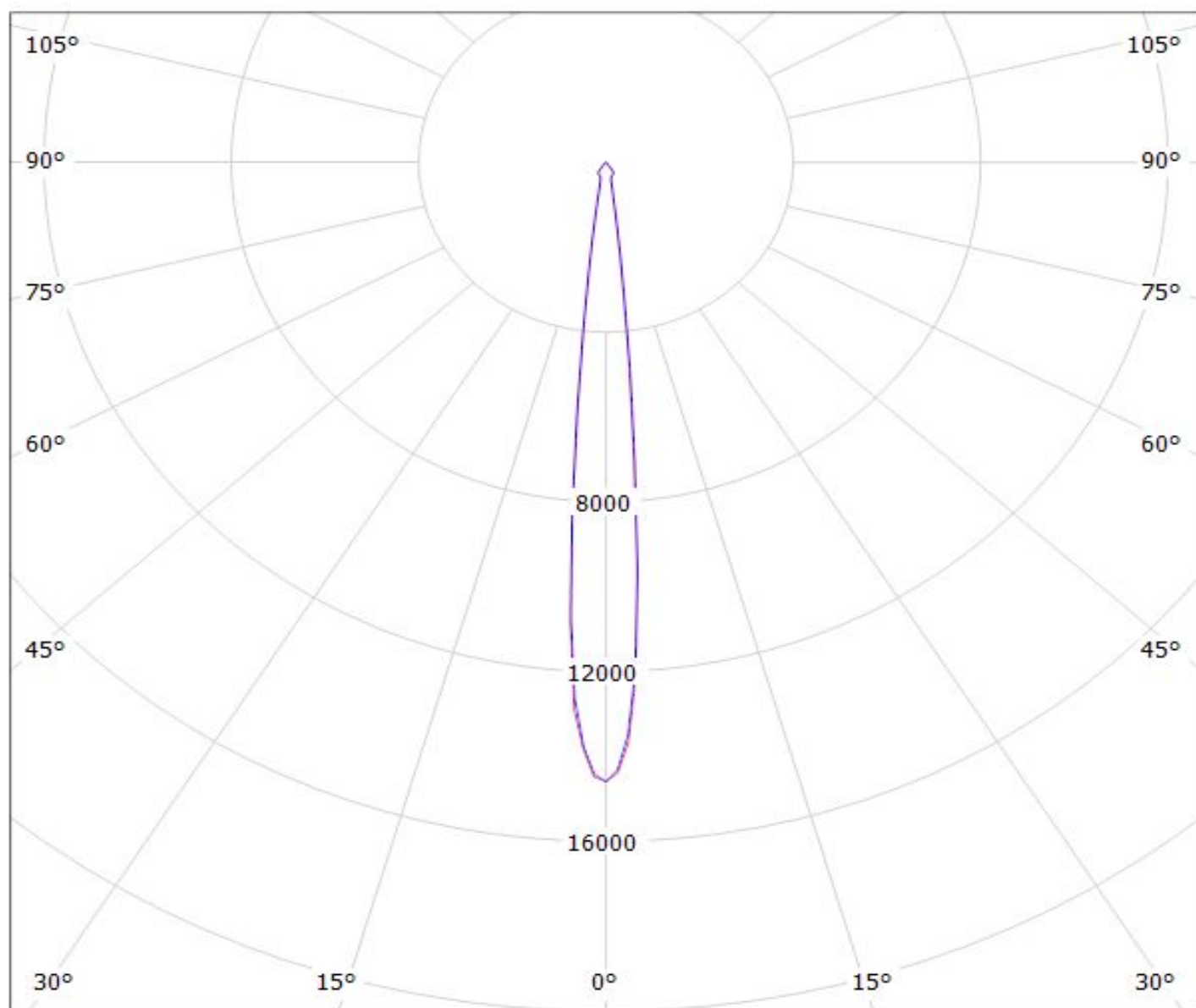


Luminaire: LEDiL Oy F13662\_ANGELA-S-B\_(CLU034)  
Lamps: 1 x Citizen\_CLU034\_(CLU034-1205B8-303M1A2)\_1159.11lm@250mA\_P=8.46586W\_I=249.9mA



Luminaire: LEDiL Oy F13662\_ANGELA-S-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



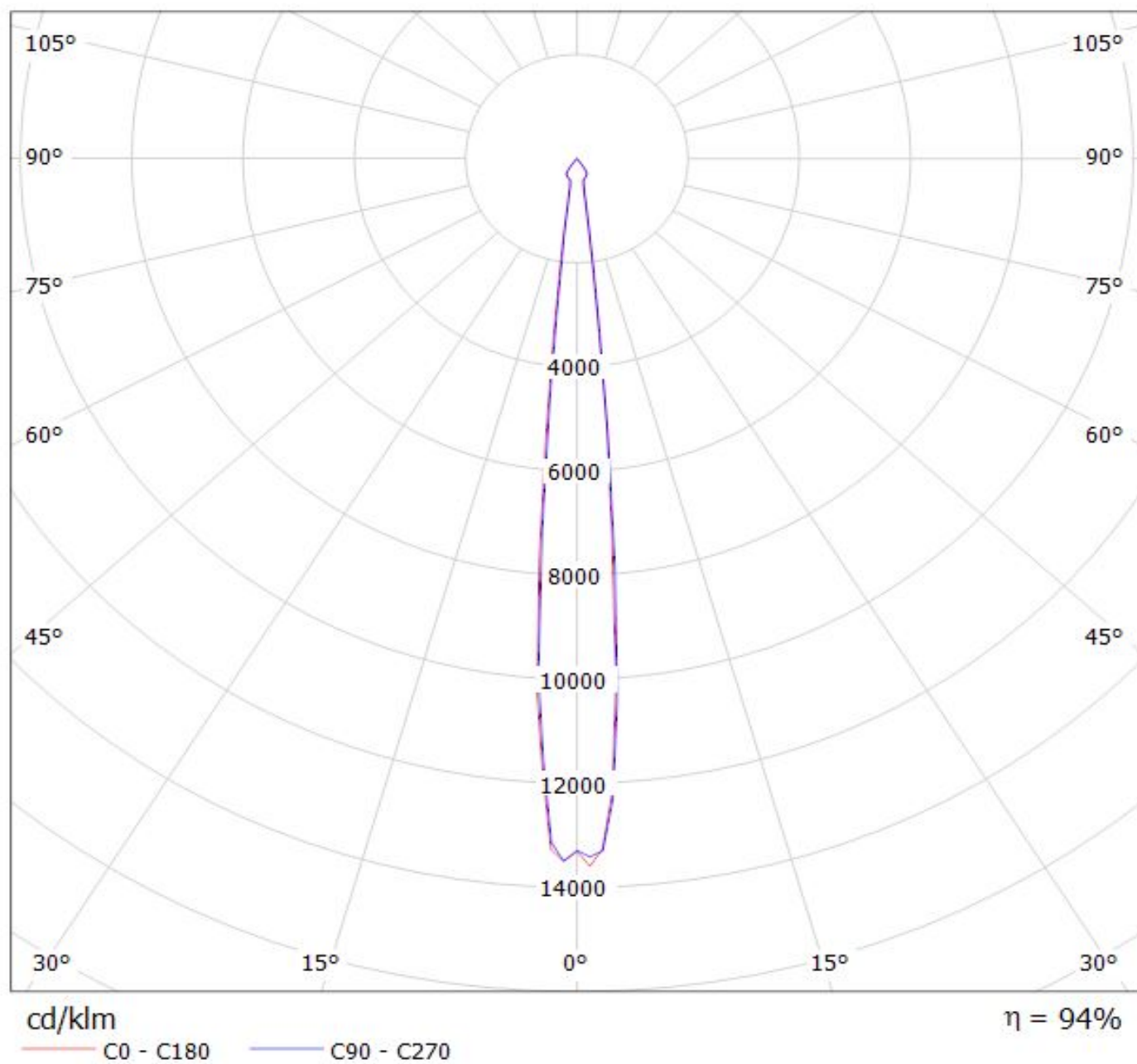
cd/klm

$\eta = 93\%$

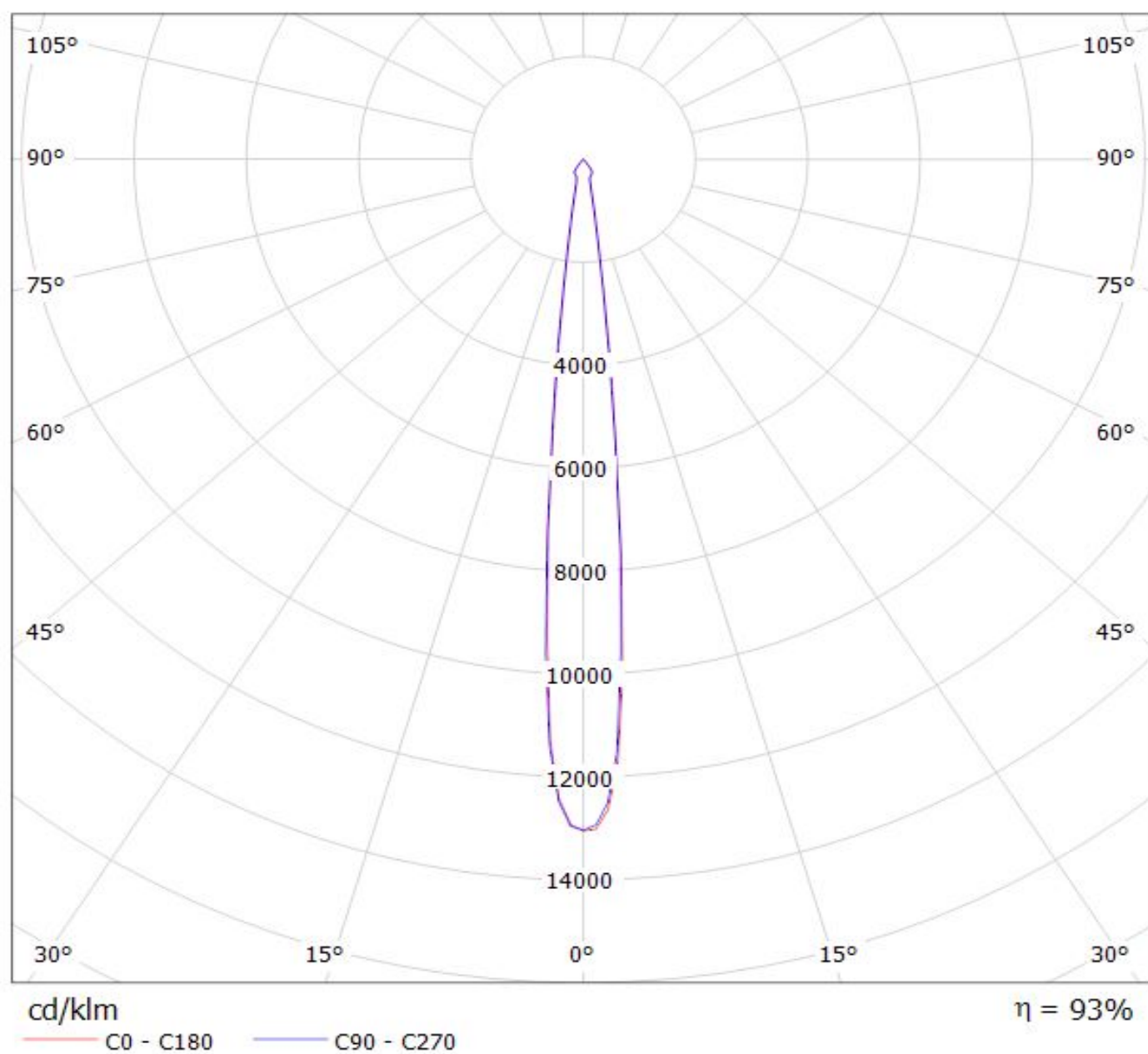
— C0 - C180

— C90 - C270

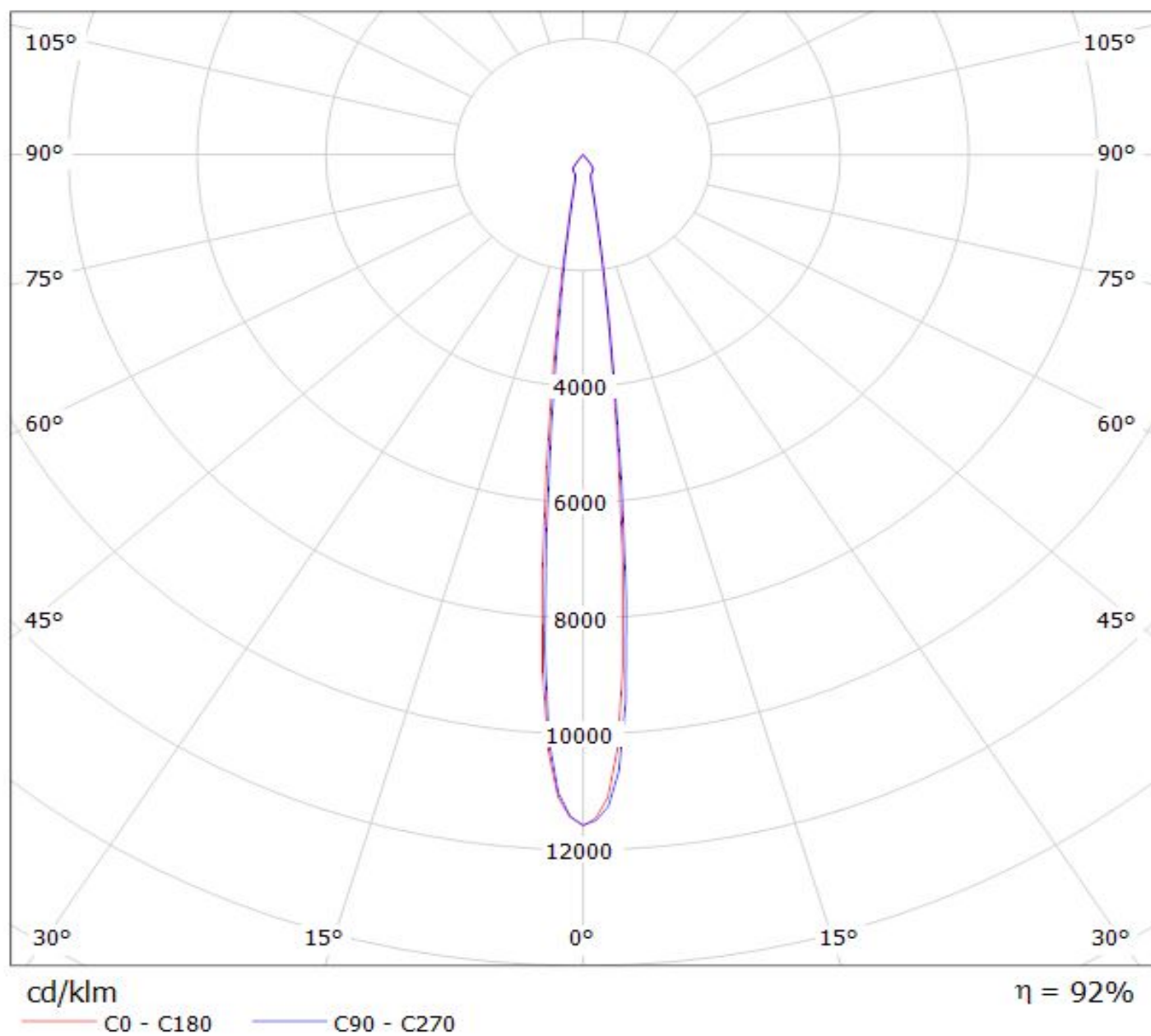
Luminaire: LEDiL Oy F13662\_ANGELA-S-B\_(K16) Eff.94.0%  
Lamps: 1 x Luxeon\_K16\_1252.4lm@250mA\_P=10.8991W\_U=249.9mA



Luminaire: LEDiL Oy F13662\_ANGELA-S-B\_(Soleriq S19) Eff.93.4%  
Lamps: 1 x OSRAM\_SOLERIQ\_S19\_(GW\_KAHJB1.EM)  
\_1445.44lm@250mA\_CCT=3000K\_P=10.558W\_I=249.8mA

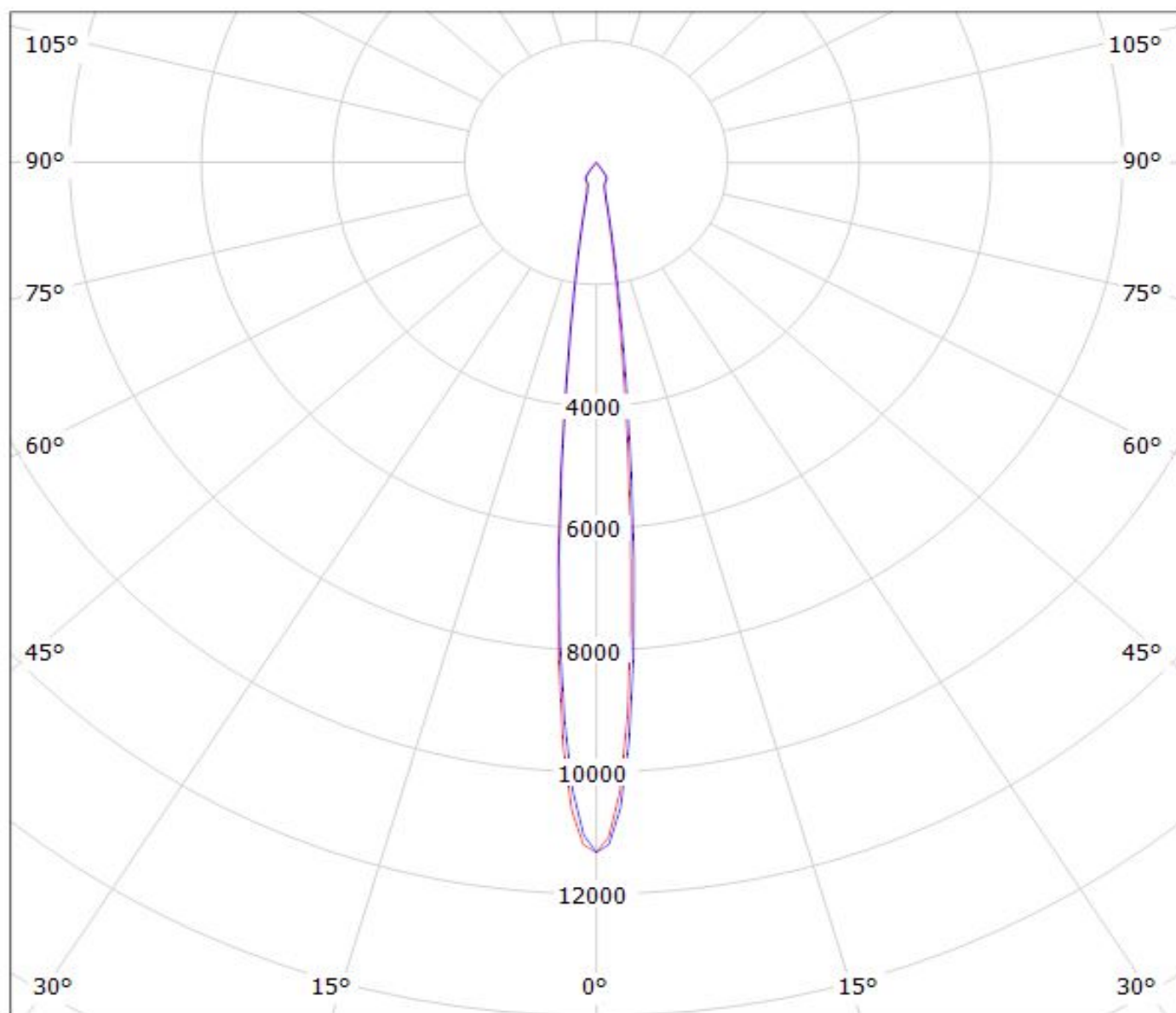


Luminaire: LEDiL Oy F13662\_ANGELA-S-B\_(CXA2590)  
Lamps: 1 x CREE\_CXA2590\_(CXA2590-30F-Z4-RPH-00001)  
\_837.275lm@100mA\_CCT=3000K\_P=6.36316W\_I=100.1mA



Luminaire: LEDiL Oy F13662\_ANGELA-S-B\_(SLE GEN4 LES19)

Lamps: 1 x SLE GEN4 LES19\_1226.28lm@250mA\_P=8.21367W\_I=0.2498A



cd/klm

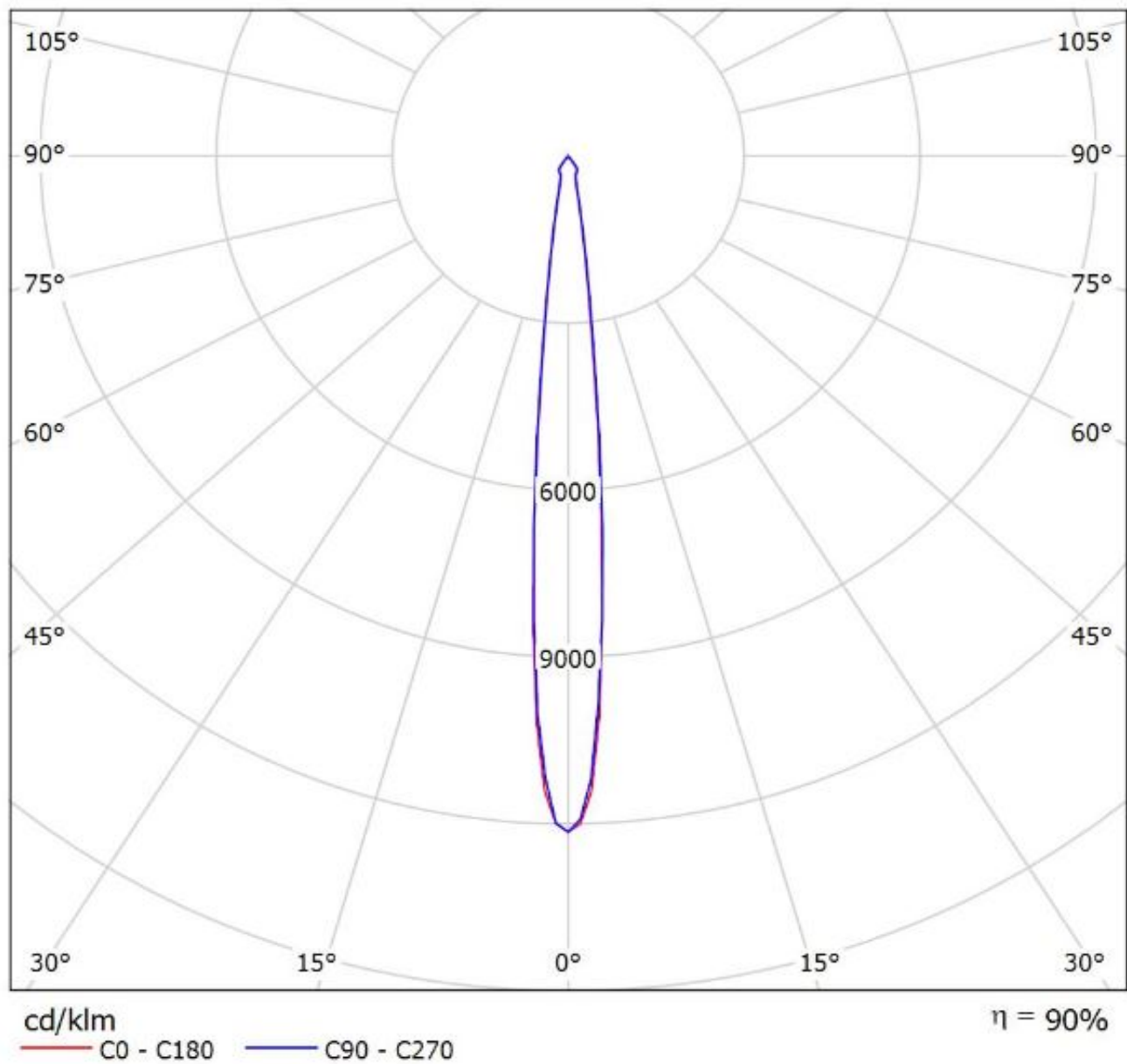
$\eta = 91\%$

— C0 - C180

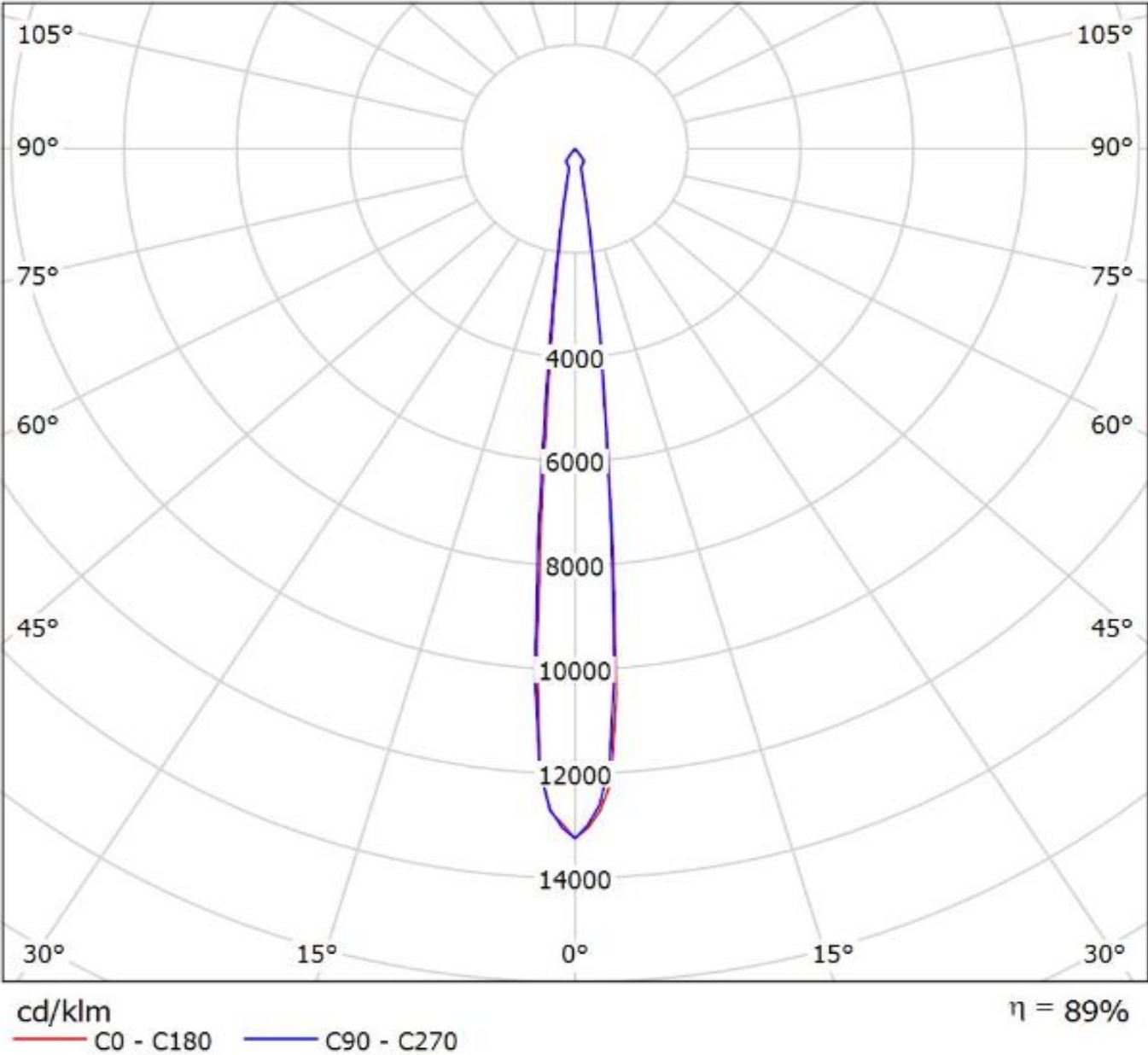
— C90 - C270



Luminaire: LEDiL Oy F13662\_ANGELA-S-B\_(SLE-G5\_LES-19)  
Lamps: 1 x Tridonic\_SLE-G5\_LES-19\_1334.47lm@250mA\_P=8.2224W\_I=0.250A



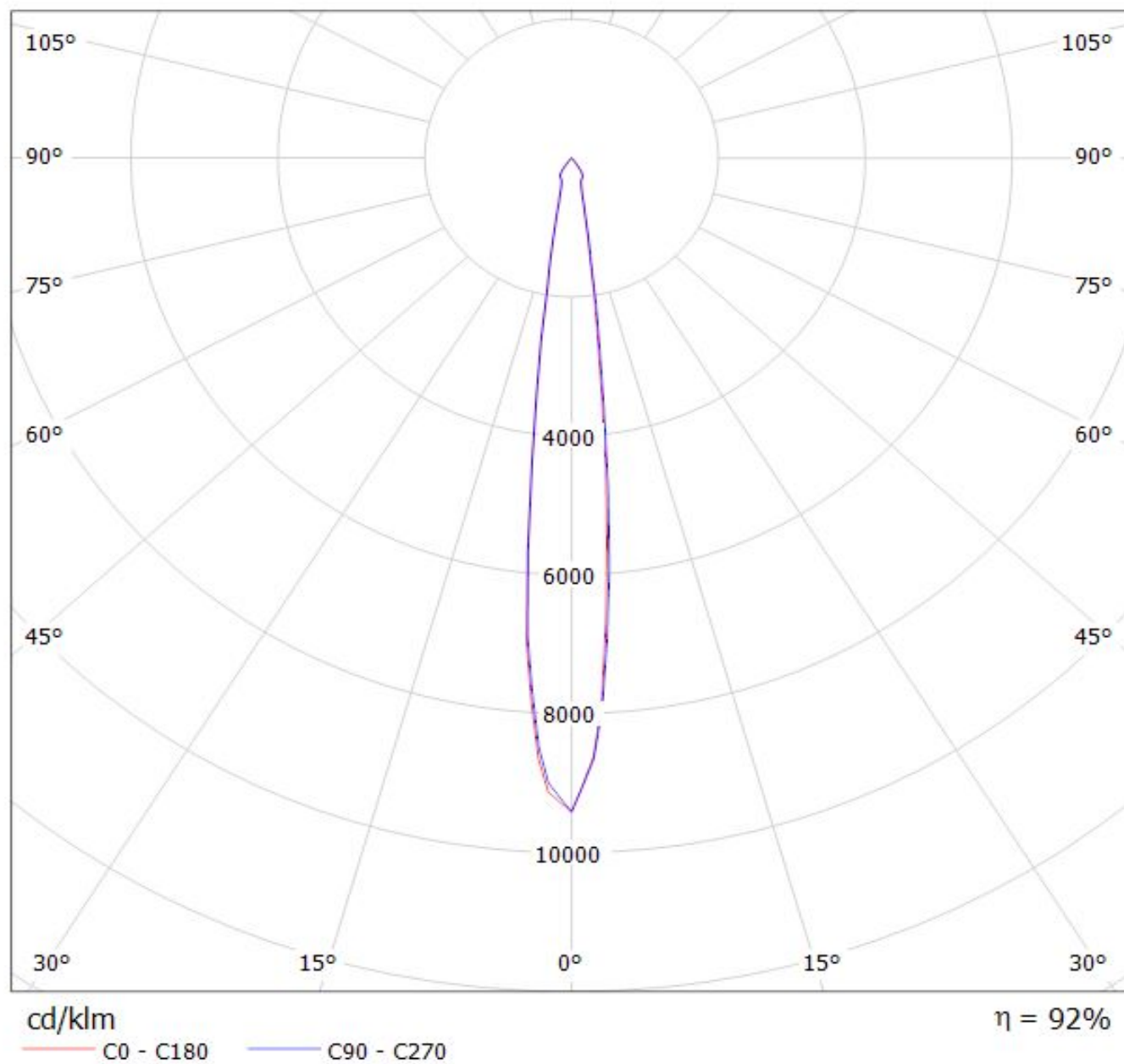
Luminaire: Ledil F13662\_ANGELA-S-B\_(V15+BJB)  
Lamps: 1 x Bridgelux\_V15\_+47.319.2224\_1096.43lm@250mA\_P=8.2647W\_I=0.25A



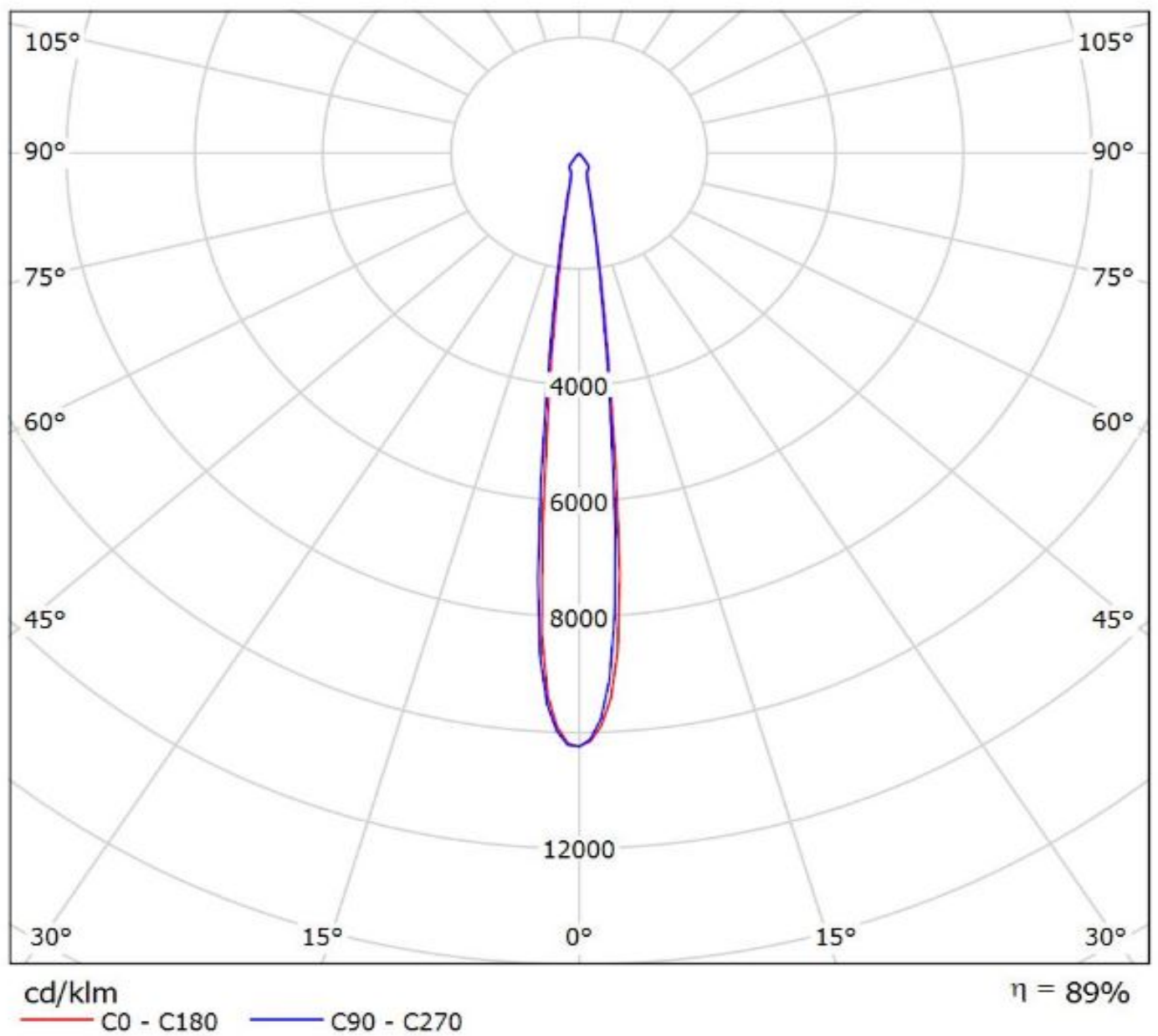


Luminaire: LEDiL Oy F13662\_ANGELA-S-B\_(E30) Eff.91.2%

Lamps: 1 x Osram\_Soleriq\_E30\_1364.86lm@250mA\_P=10.2445W\_I=249.8mA

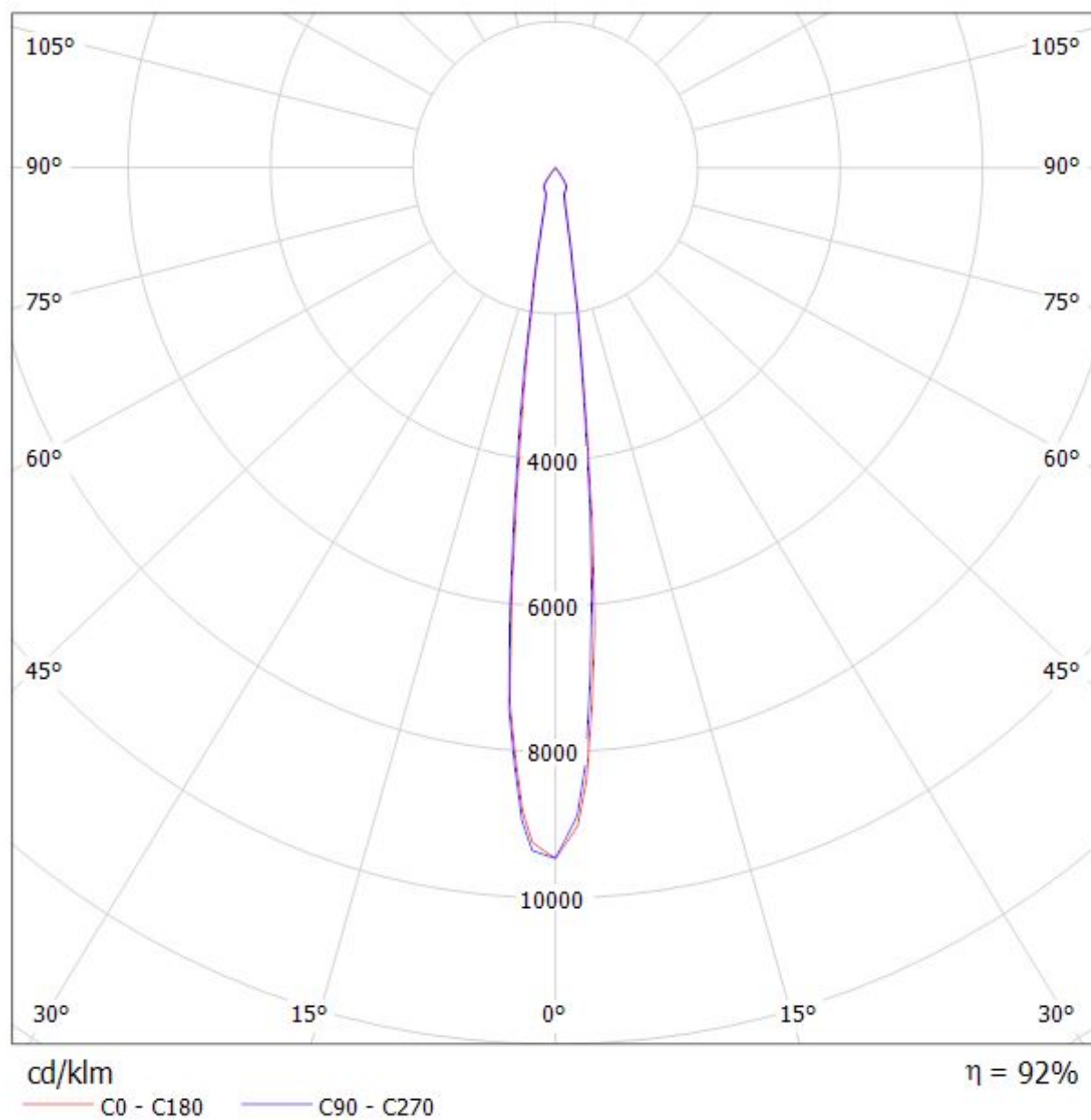


Luminaire: Ledil F13662\_ANGELA-S-B\_(V18+BJB)  
Lamps: 1 x Bridgelux\_V18\_(BXRC-30E4000-F-23)  
\_+47.319.2274\_1094.62lm@250mA\_CCT=3000K\_P=6.875W\_I=0.25A

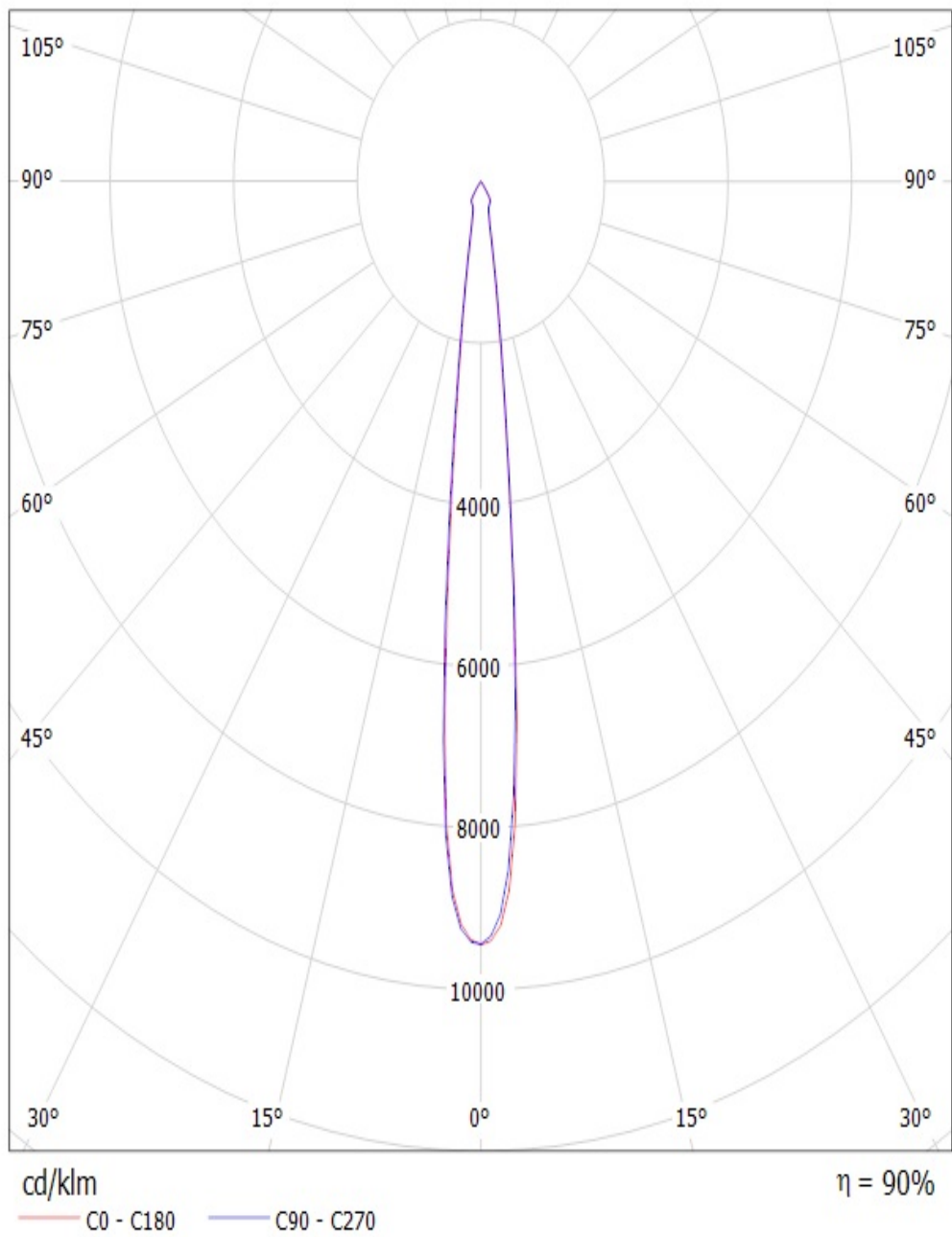


Luminaire: LEDiL Oy F13662\_ANGELA-S-B\_(Luxeon\_CoB\_1211)

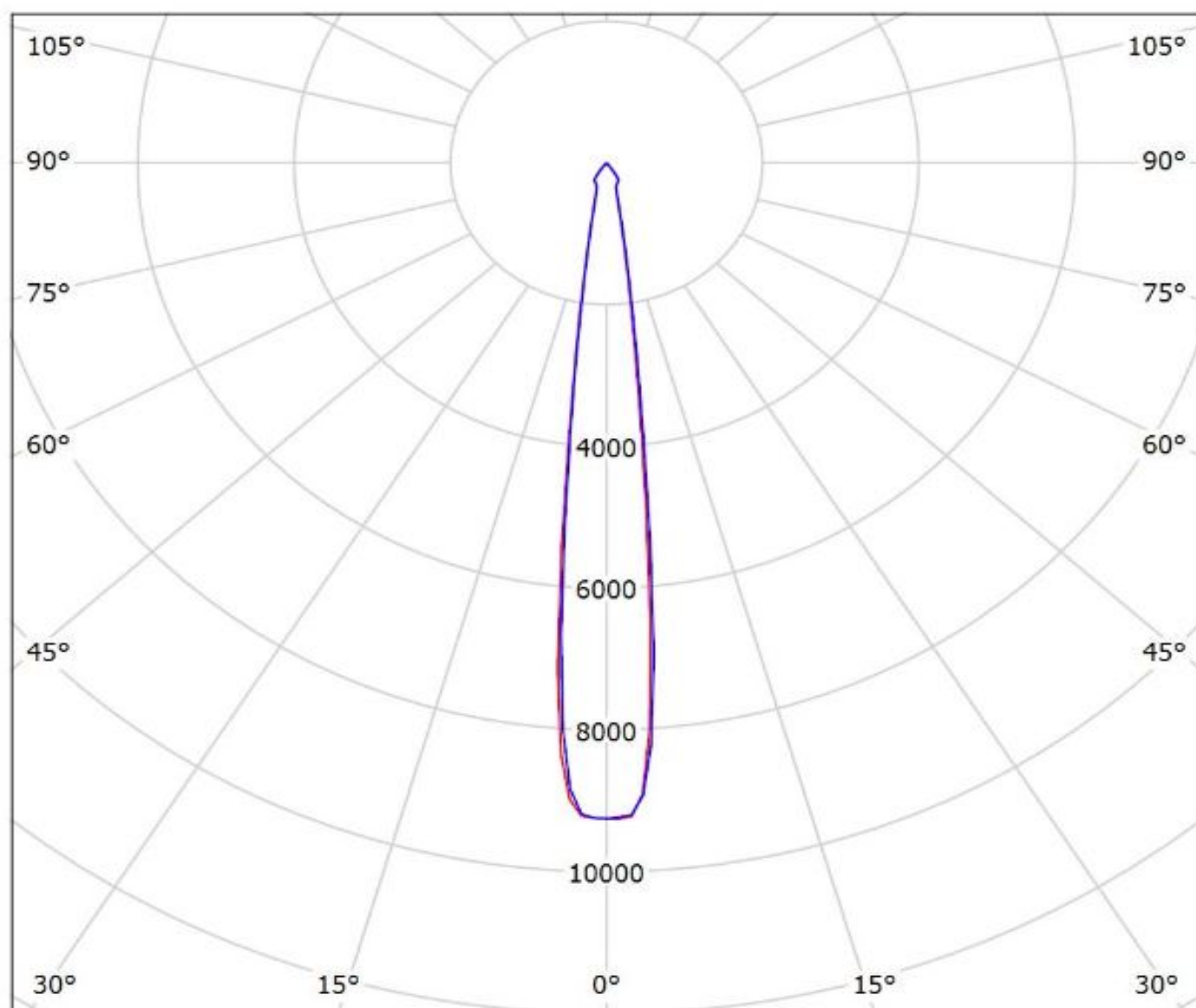
Lamps: 1 x LUXEON\_COB\_1211\_(LHC1-2790-1211)\_923.583lm@250mA\_CCT=2700K\_P=8.00909W\_I=249.8mA



Luminaire: LEDiL Oy F13662\_ANGELA-S-B\_(Luxeon\_CoB\_1211)\_(BJB2030)  
Lamps: 1 x Philips\_Lumileds\_Luxeon\_CoB\_1211\_(LHC1-5780-1211)\_(BJB2030)\_1332.46lm@250mA\_CCT(approx.)=5700K\_P=8.03332W\_I=0.2498A



Luminaire: Ledil F13662\_ANGELA-S-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

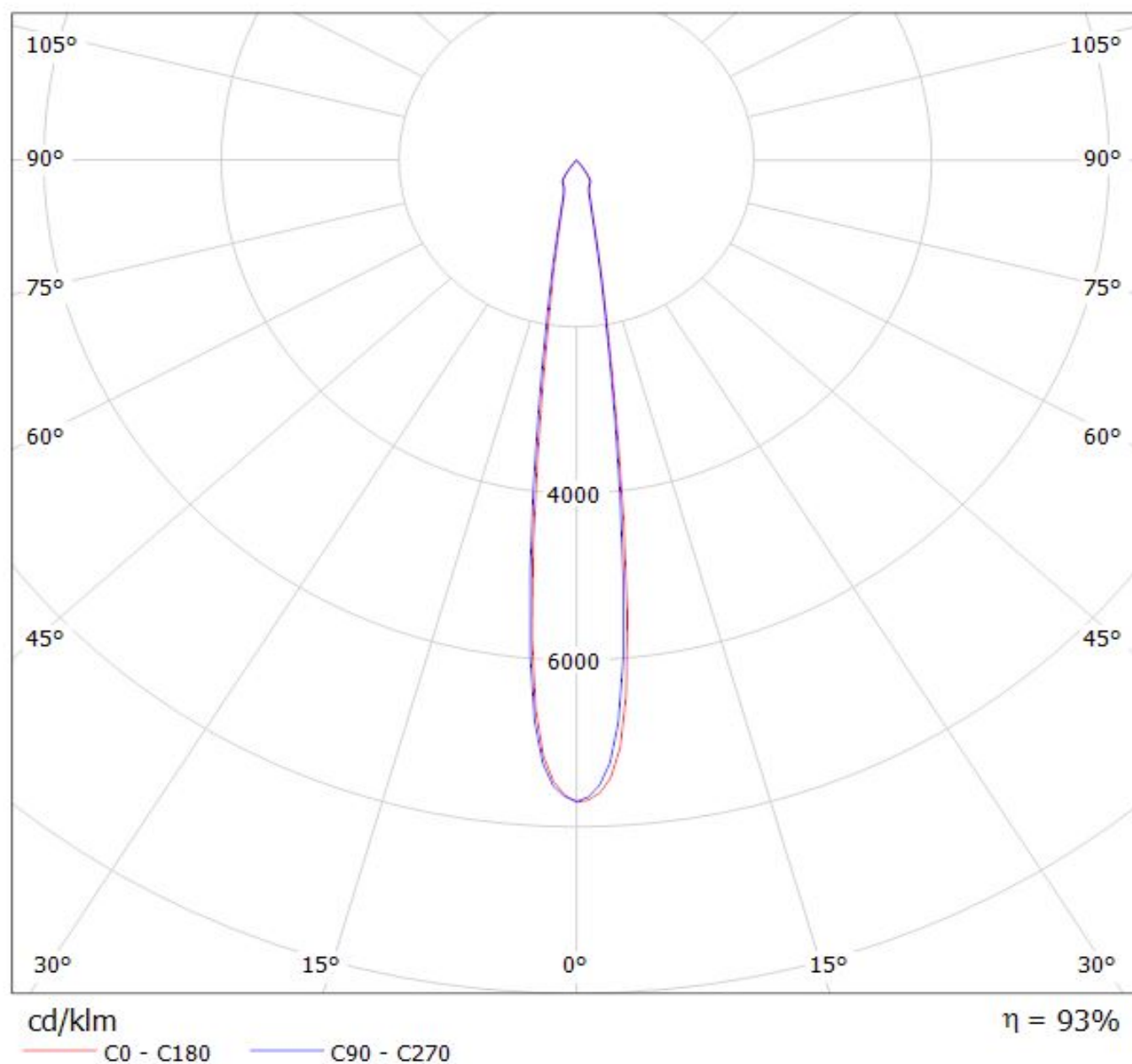


cd/klm

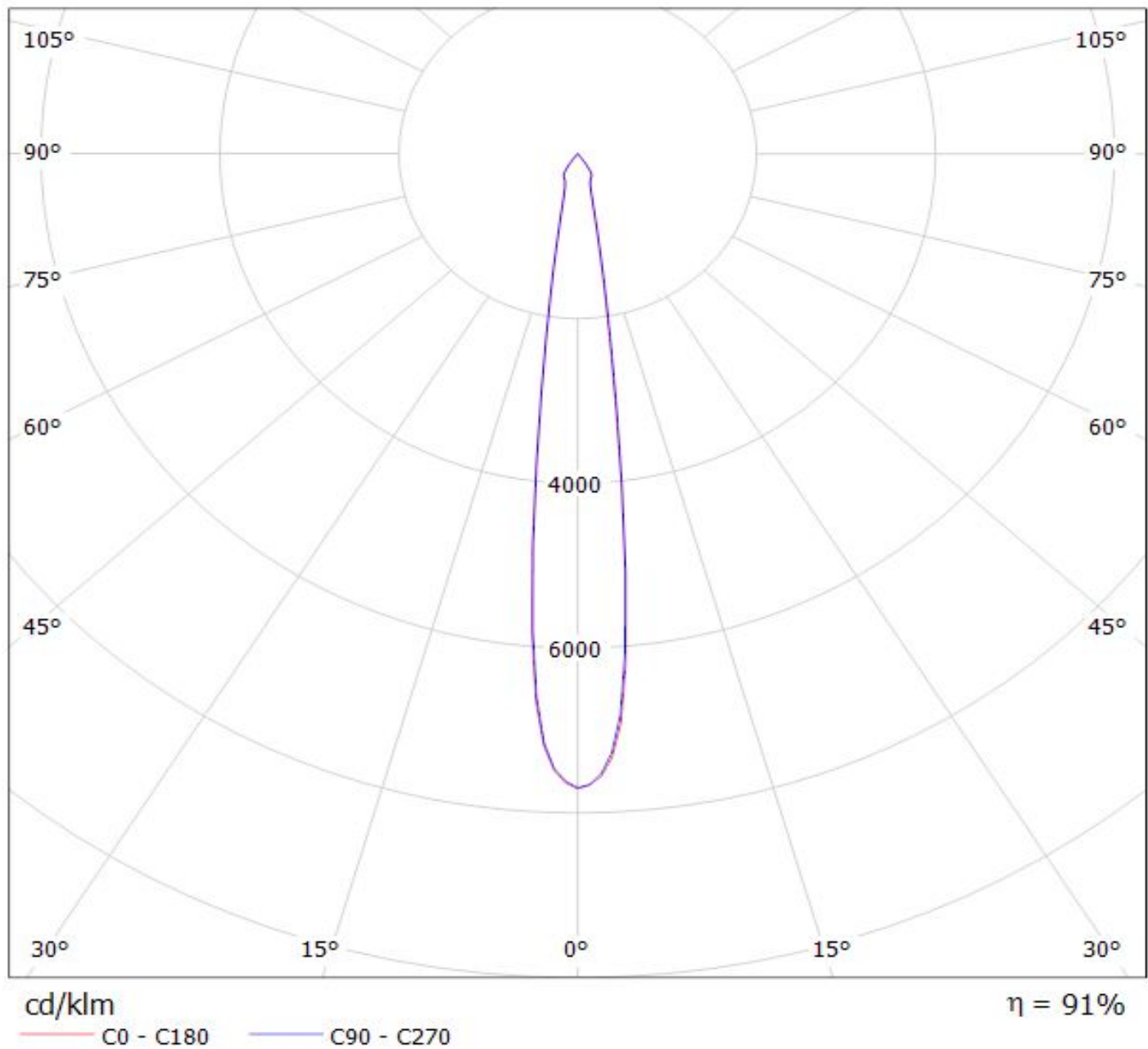
— C0 - C180 — C90 - C270

$\eta = 89\%$

Luminaire: LEDiL Oy F13662\_ANGELA-S-B\_(ZC-40) Eff.93.4%  
Lamps: 1 x Seoul ZC-40\_1183.63lm@250mA\_P=8.42195W\_I=249.9mA



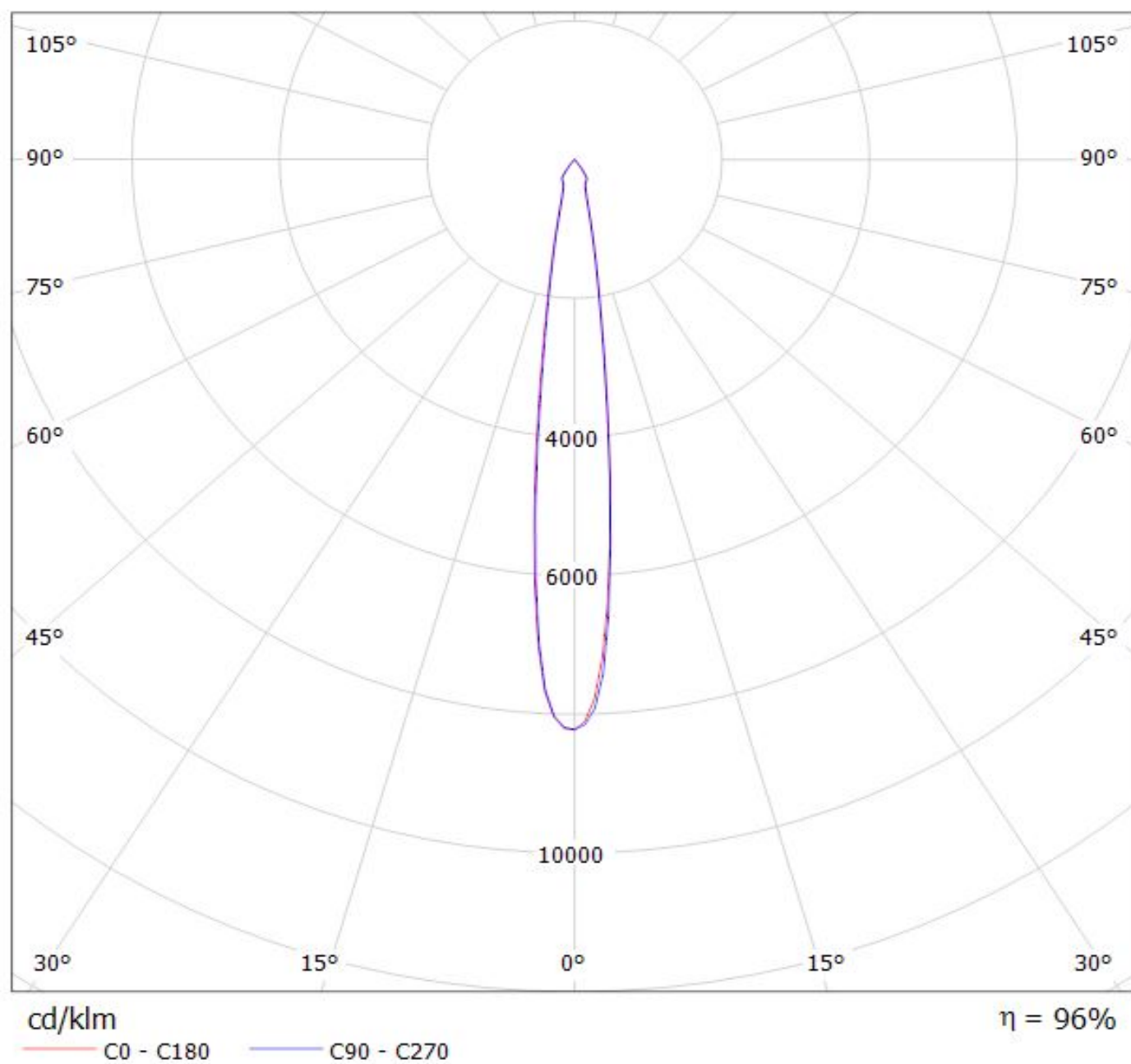
Luminaire: LEDiL Oy F13662\_ANGELA-S-B\_(ZC40)  
Lamps: 1 x SEOUL\_ZC40\_(SBWW5F1B)\_1176.6lm@250mA\_P=8.22171W\_I=249.9mA





Luminaire: LEDiL Oy F13662\_ANGELA-S-B\_(SLE\_G4\_LES23)

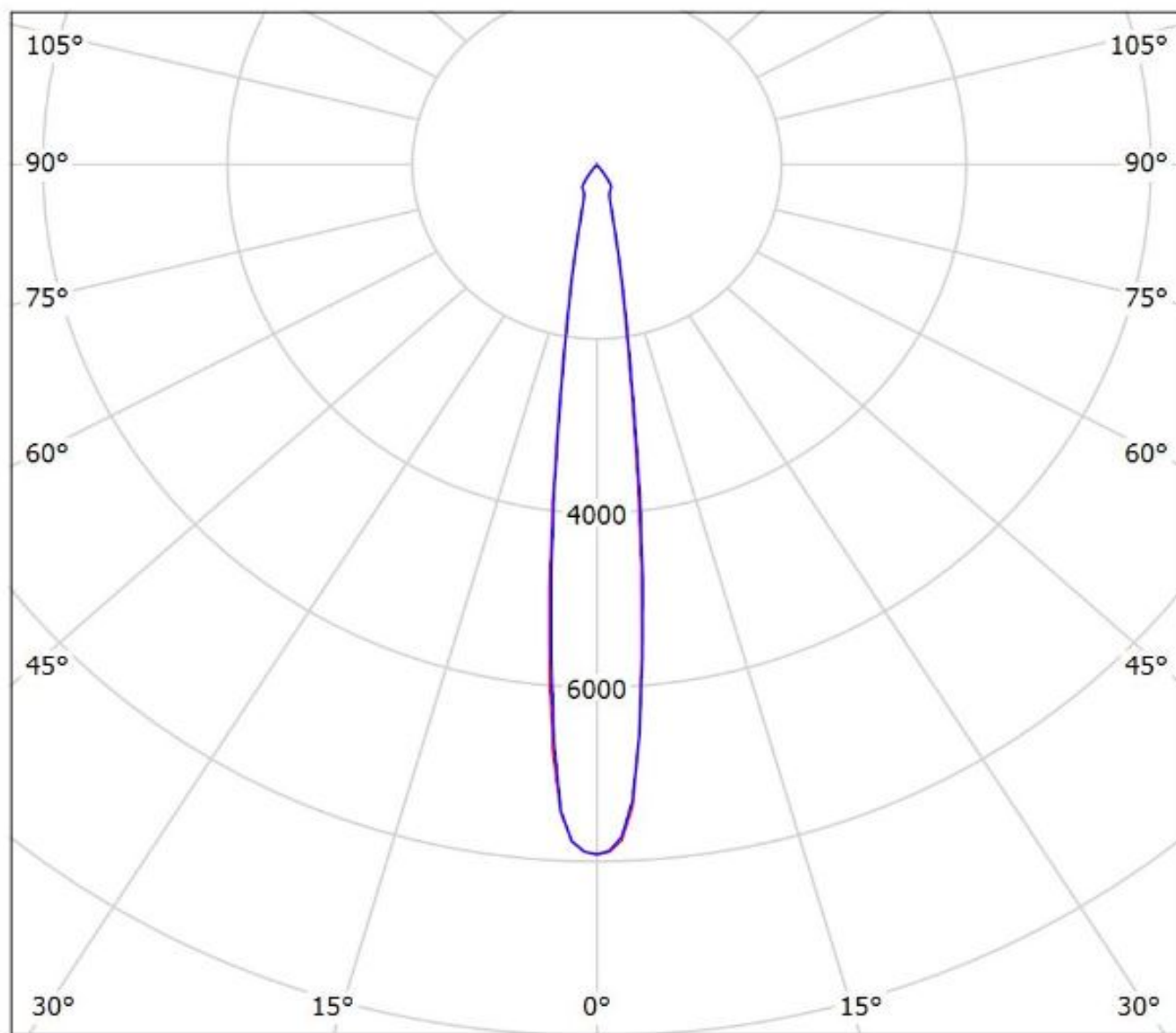
Lamps: 1 x Tridonic\_SLE\_G4\_LES23\_1354.57lm@250mA\_P=8.18744W\_η=0.2498A





Luminaire: LEDiL Oy F13662\_ANGELA-S-B\_(SLE-G5\_LES-23)

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



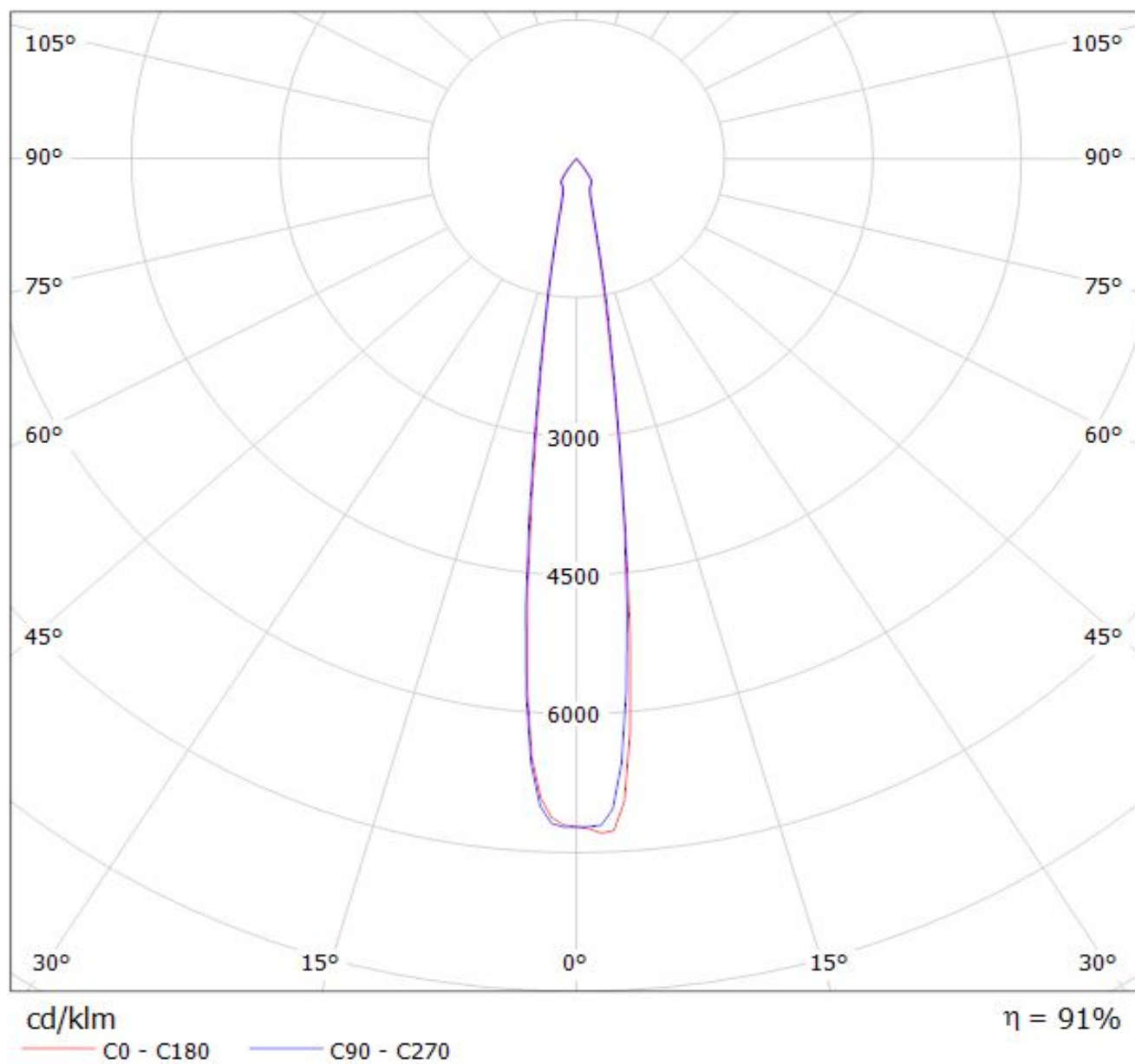
cd/klm

— C0 - C180

— C90 - C270

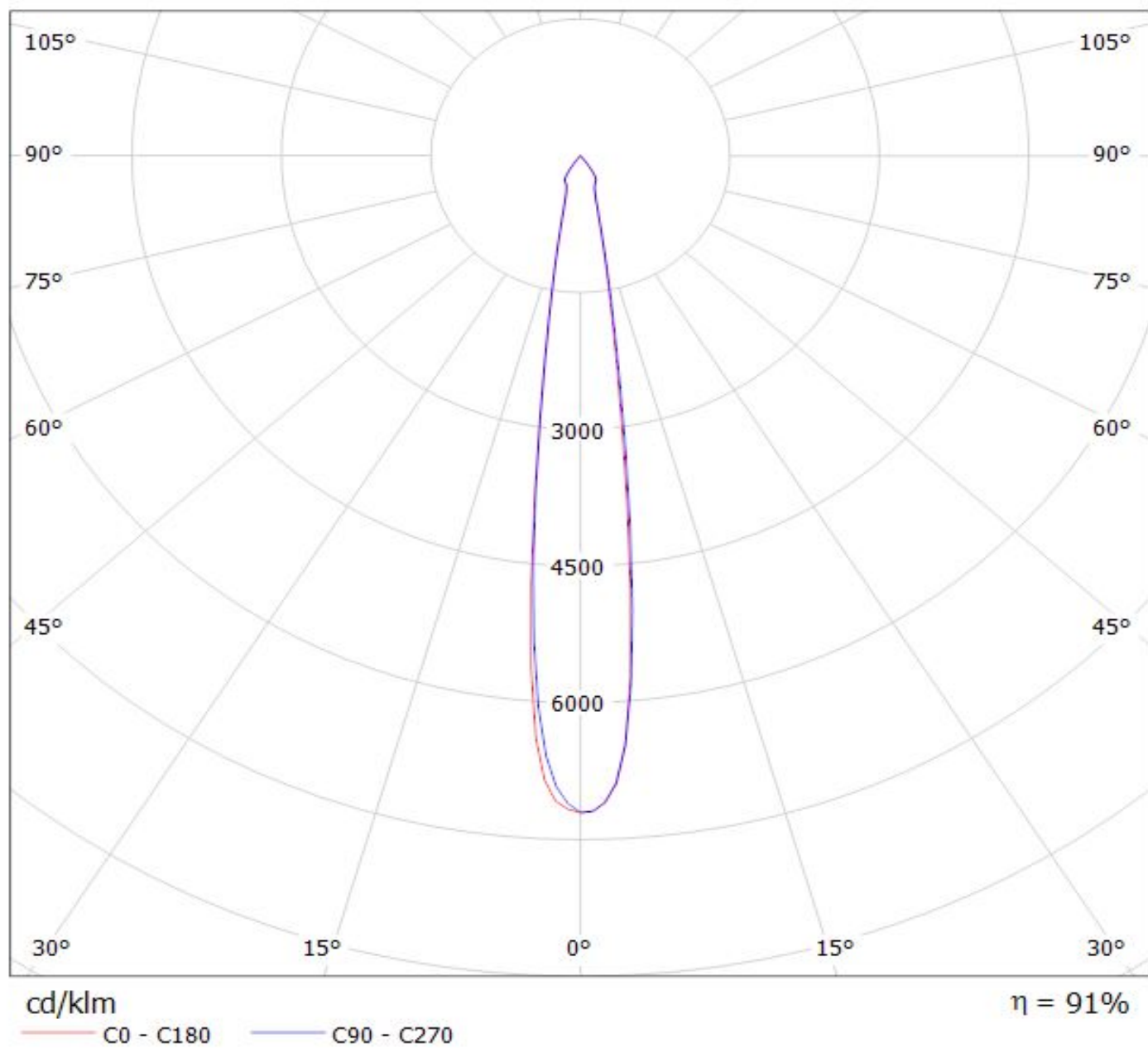
$\eta = 90\%$

Luminaire: LEDiL Oy F13662\_ANGELA-S-B\_(CLL040) Eff.91.6%  
Lamps: 1 x Citizen\_CLL040\_1011.32lm@250mA\_P=8.24545W\_I=249.9mA



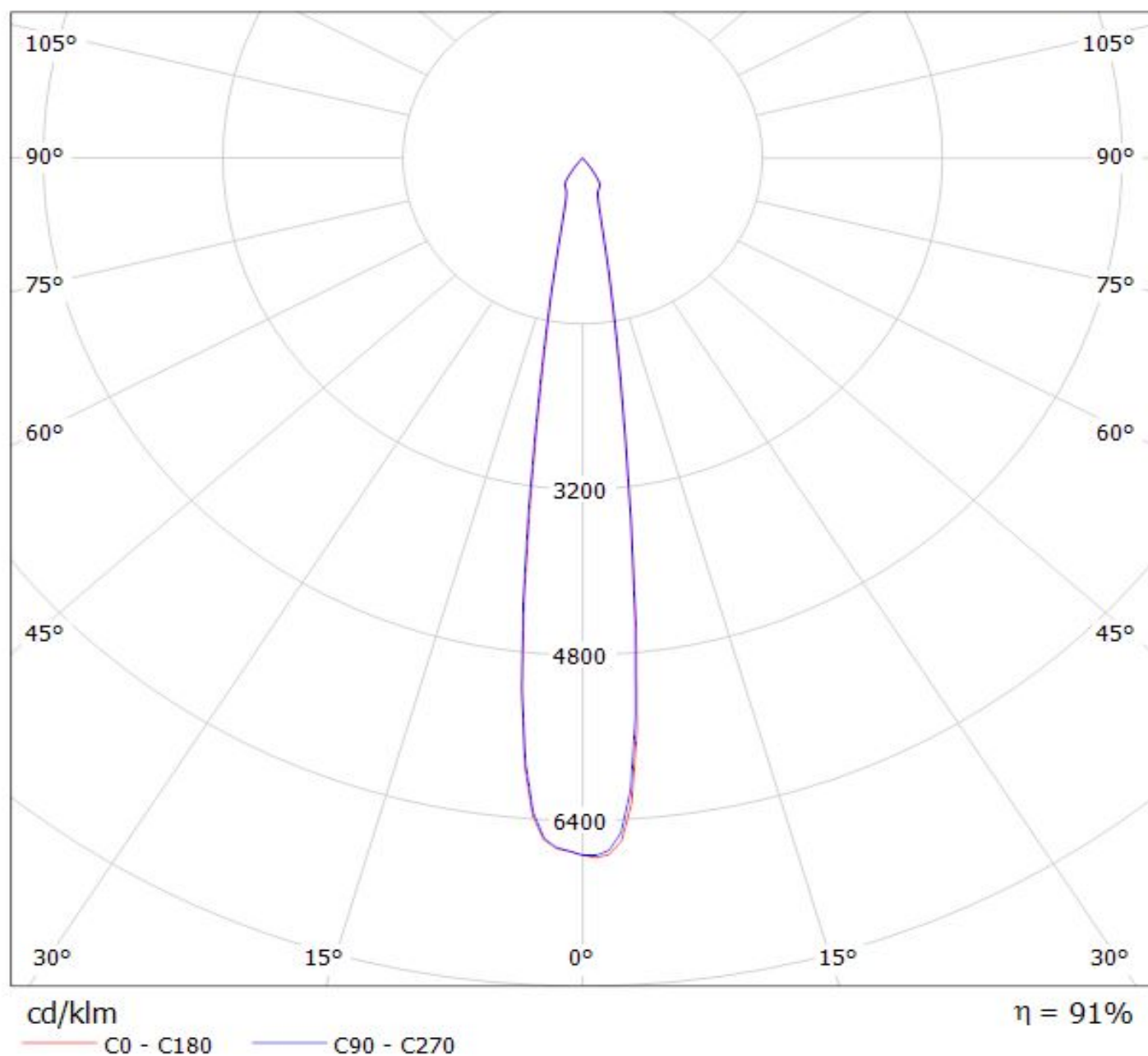
Luminaire: LEDiL Oy F13662\_ANGELA-S-B\_(CXA30)

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



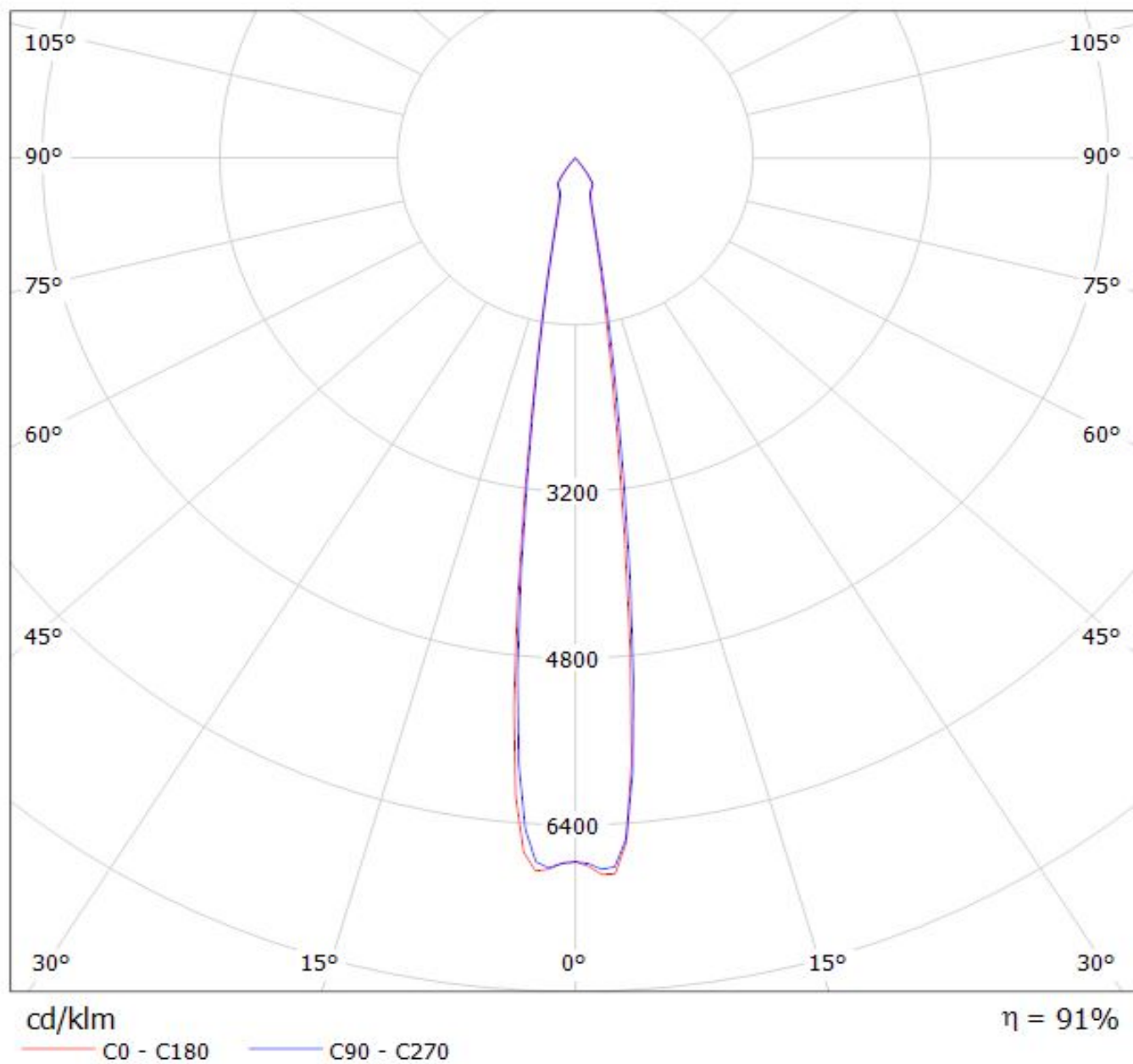
Luminaire: LEDiL Oy F13662\_ANGELA-S-B\_(COB\_40W)

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



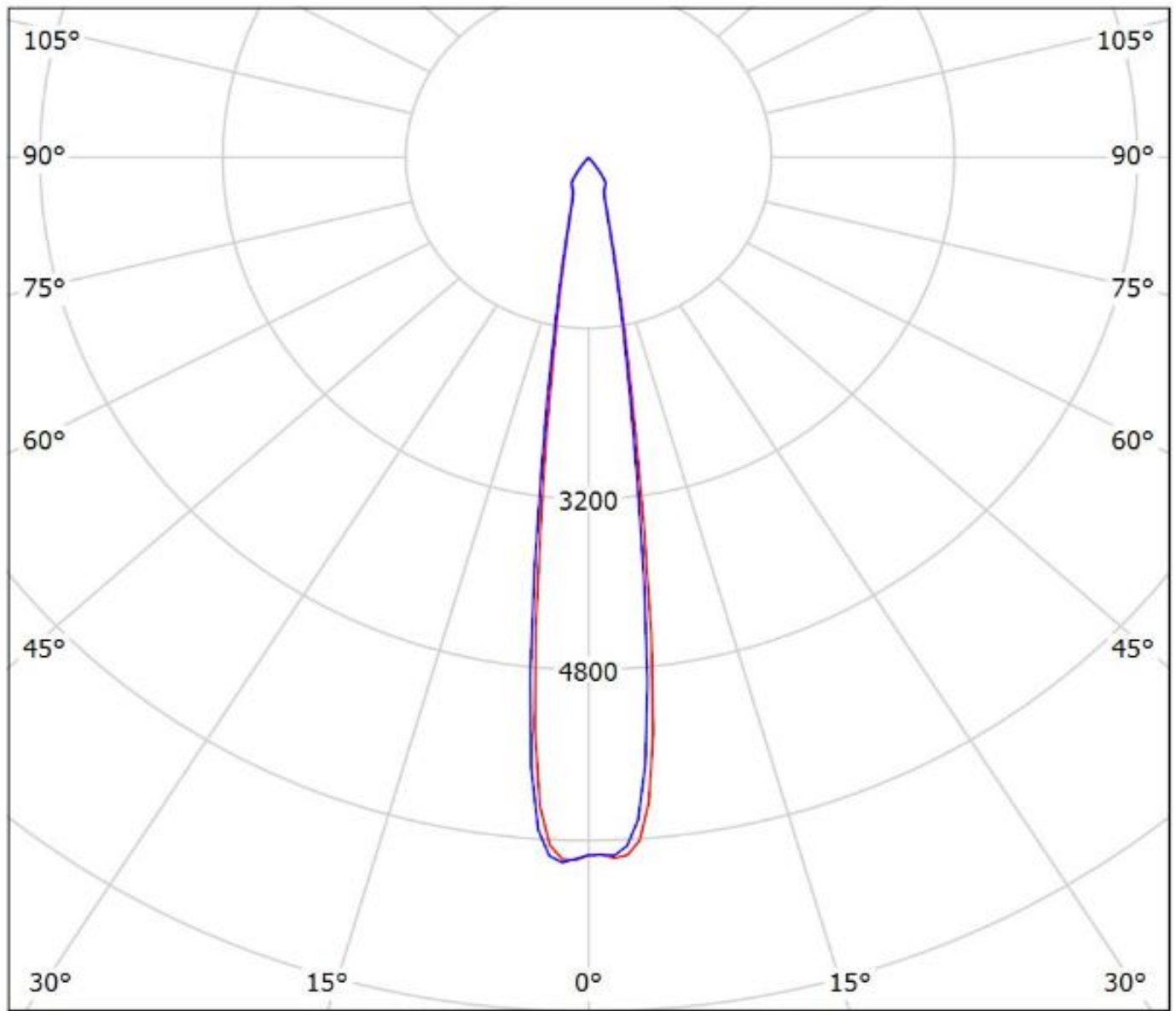
Luminaire: LEDiL Oy F13662\_ANGELA-S-B\_(CLU044)

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



Luminaire: Ledil F13662\_ANGELA-S-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

$\eta = 88\%$

**NOTE: The typical divergence will be changed by different color, chip size and chip position tolerance. The typical total divergence is the full angle measured where the luminous intensity is half of the peak value.**

#### **GENERAL INFORMATION**

- Product series especially designed & optimized for series of LEDs.
- Special care taken to make light distribution as uniform as possible.

Note! Due to use of high power COB's with this product, special attention to proper thermal design is highly recommended. LEDiL has no liability for direct, indirect or consecutive damages arising from the LEDiL products being used outside of the recommended temperature range.