

## DETAILS

<b>Product Number</b>	F13325_ANGELINA-S
<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>	ready
<b>ROHS Compliant</b>	Yes
<b>Date Updated</b>	13/06/2014



## OPTICAL PROPERTIES

LED	Viewing Angle	Light Beam	Efficiency	cd/lm	connector
PrevaLED Core Z3 LES9	14 degrees		94 %	3.800	Z50 Optic Clip part n r. 2213194-1 TE
PrevaLED Core AC (LEP-800)	16 degrees		94 %	3.100	Z50 Optic Clip part n r. 2213194-1 TE
CXA1816/CXA1820/CXA1850	16 degrees		94 %	3.290	50-2101CR + Angela(50 -2100AN) IDEAL
NSBxL121A/NFCxL060B	16 degrees		91 %	3.080	50-2100NC + Angela(50 -2100AN) IDEAL
BXRA ES Rectangle	17 degrees		94 %	3.000	50-2100BL + Angela(50 -2100AN) IDEAL
LUXEON CoB 1204/1205	17 degrees		94 %	2.980	50-2100SH + Angela(50 -2100AN) IDEAL
COB 10W/13W/17W/24W	17 degrees		94 %	3.020	50-2100LG + Angela(50 -2100AN) IDEAL
LUXEON CoB 1204/1205	19 degrees		94 %	3.100	Solderless connector part nr. 2213130-2 + Z50
Optic Clip part nr. 2213194-1 TE	19 degrees		94 %	2.710	50-2103CT + Angela(50 -2100AN) IDEAL
Soleriq S13	20 degrees		94 %	2.800	Solderless connector part nr. 2213401-2 + Z50
LUXEON CoB part nr. 2213194-1 TE	20 degrees		94 %	2.660	Solderless connector part nr. 2213134-2 + Z50
Optic Clip part nr. 2213194-1 TE	20 degrees		94 %	2.530	TE: Solderless connec tor part nr 2213254-2 + Z50
Optic Clip part nr. 2213194-1 TE	20 degrees		94 %	2.650	50-2100SH + Angela(50 -2100AN) IDEAL



**PRODUCT DATASHEET**  
**ANGELINA series**  
last update 11/7/2014

LUXEON CoB 1208

20 degrees

94 %

2.610

50-2100SH + Angela(50



**PRODUCT DATASHEET**  
**ANGELINA series**  
last update 11/7/2014

-2100AN) IDEAL



**PRODUCT DATASHEET**  
**ANGELINA series**  
last update 11/7/2014

NSCxJ216A/NFDxJ130B/NFCxJ108B

20 degrees

94 %

2.530

50-2103NC + Angela(50



**PRODUCT DATASHEET**  
**ANGELINA series**  
last update 11/7/2014

-2100AN) IDEAL



**PRODUCT DATASHEET**  
**ANGELINA series**  
last update 11/7/2014

WU-M-461

20 degrees

94 %

2.660

Z50 Optic Clip part n



**PRODUCT DATASHEET**  
**ANGELINA series**  
last update 11/7/2014

r. 2213194-1 TE



**PRODUCT DATASHEET**  
**ANGELINA series**  
last update 11/7/2014

WU-M-484

21 degrees

93 %

2.430

Z50 Optic Clip part n





**PRODUCT DATASHEET**  
**ANGELINA series**  
last update 11/7/2014

r. 2213194-1 TE



**PRODUCT DATASHEET**  
**ANGELINA series**  
last update 11/7/2014

Mega Zenigata (GW6DME)

21 degrees

92 %

2.770

Solderless connector



**PRODUCT DATASHEET**  
**ANGELINA series**  
last update 11/7/2014

Optic Clip part nr. 2213194-1 TE

part nr. 2213130-2 + Z50



**PRODUCT DATASHEET**  
**ANGELINA series**  
last update 11/7/2014

PrevaLED Core Z4 LES19

21 degrees

94 %

2.300

Z50 Optic Clip part n



**PRODUCT DATASHEET**  
**ANGELINA series**  
last update 11/7/2014

r. 2213194-1 TE



**PRODUCT DATASHEET**  
**ANGELINA series**  
last update 11/7/2014

LUXEON CoB 1208

21 degrees

93 %

2.700

Solderless connector



**PRODUCT DATASHEET**  
**ANGELINA series**  
last update 11/7/2014

Optic Clip part nr. 2213194-1 TE

part nr. 2213130-2 + Z50



**PRODUCT DATASHEET**  
**ANGELINA series**  
last update 11/7/2014

STARK SLE G2 LES19

22 degrees

92 %

2.600

Z50 Optic Clip part n





**PRODUCT DATASHEET**  
**ANGELINA series**  
last update 11/7/2014

r. 2213194-1 TE



**PRODUCT DATASHEET**  
**ANGELINA series**  
last update 11/7/2014

Soleriq S19

22 degrees

94 %

2.380

Solderless connector



**PRODUCT DATASHEET**  
**ANGELINA series**  
last update 11/7/2014

Optic Clip part nr. 2213194-1 TE

part nr. 2213407-2 + Z50



**PRODUCT DATASHEET**  
**ANGELINA series**  
last update 11/7/2014

LUXEON K16

22 degrees

94 %

2.320

Solderless connector



**PRODUCT DATASHEET**  
**ANGELINA series**  
last update 11/7/2014

Optic Clip part nr. 2213194-1 TE

part nr. 2213134-2 + Z50



**PRODUCT DATASHEET**  
**ANGELINA series**  
last update 11/7/2014

NSBxL121A/NFCxL060B

22 degrees

94 %

2.160

Solderless connector



**PRODUCT DATASHEET**  
**ANGELINA series**  
last update 11/7/2014

part nr. 180580-0005 Molex



**PRODUCT DATASHEET**  
**ANGELINA series**  
last update 11/7/2014

CXA25xx

22 degrees

94 %

2.280

50-2102CR + Angela(50





**PRODUCT DATASHEET**  
**ANGELINA series**  
last update 11/7/2014

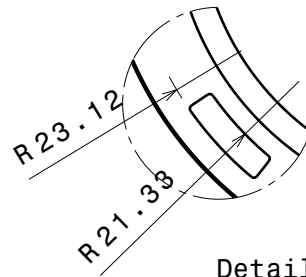
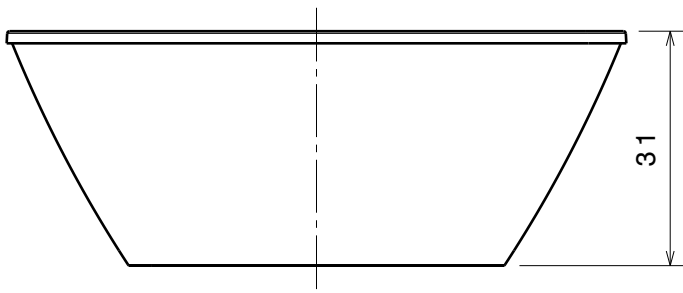
-2100AN) IDEAL

D

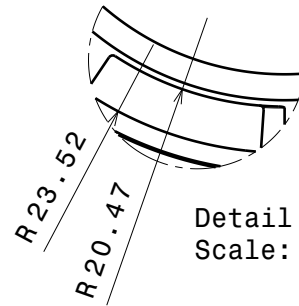
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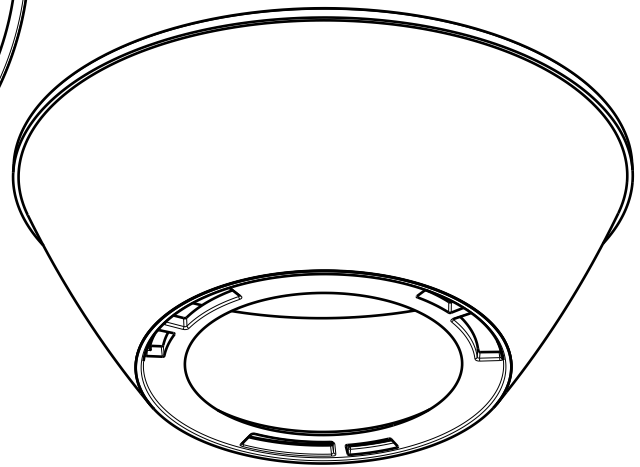
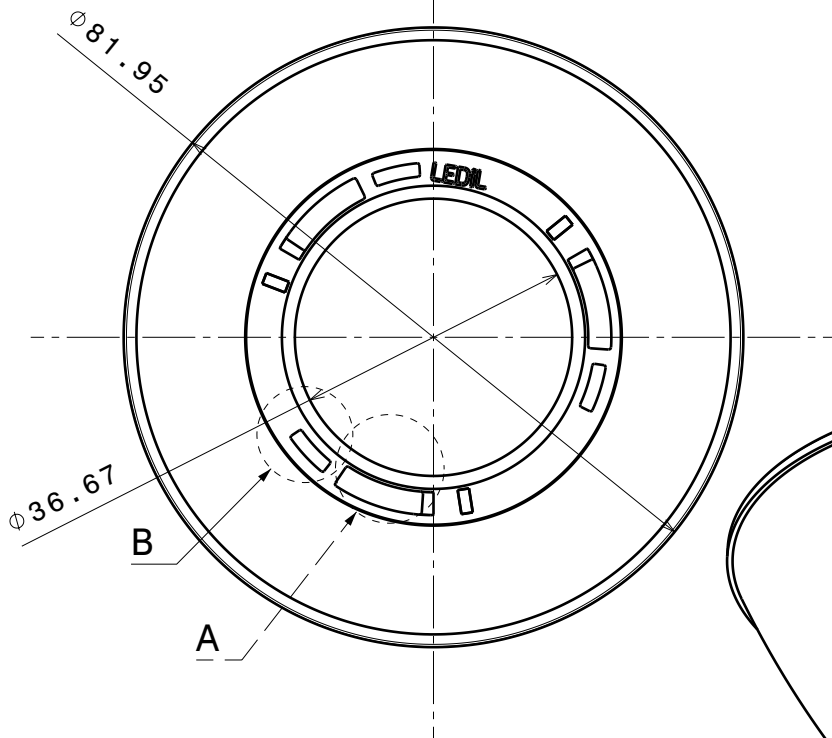
A



Detail B  
Scale: 2:1



Detail A  
Scale: 2:1



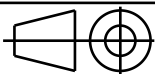
INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1		ANGELINA	PC	metal

Tolerances if not otherwise shown  
According to DIN ISO 2768-1  
Linear measures:  
Up to 30mm class F, otherwise class M.  
According to DIN ISO 2768-2  
Form and position: class K

**LEDiL**

Ledil Oy  
Salorankatu 10  
FIN 24240 SALO  
Finland

THIRD ANGLE PROJECTION:



DRAWING TITLE

**ANGELINA series Reflector**

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

SIZE PART NUMBER

**A4**

-

SCALE 1:1 WEIGHT

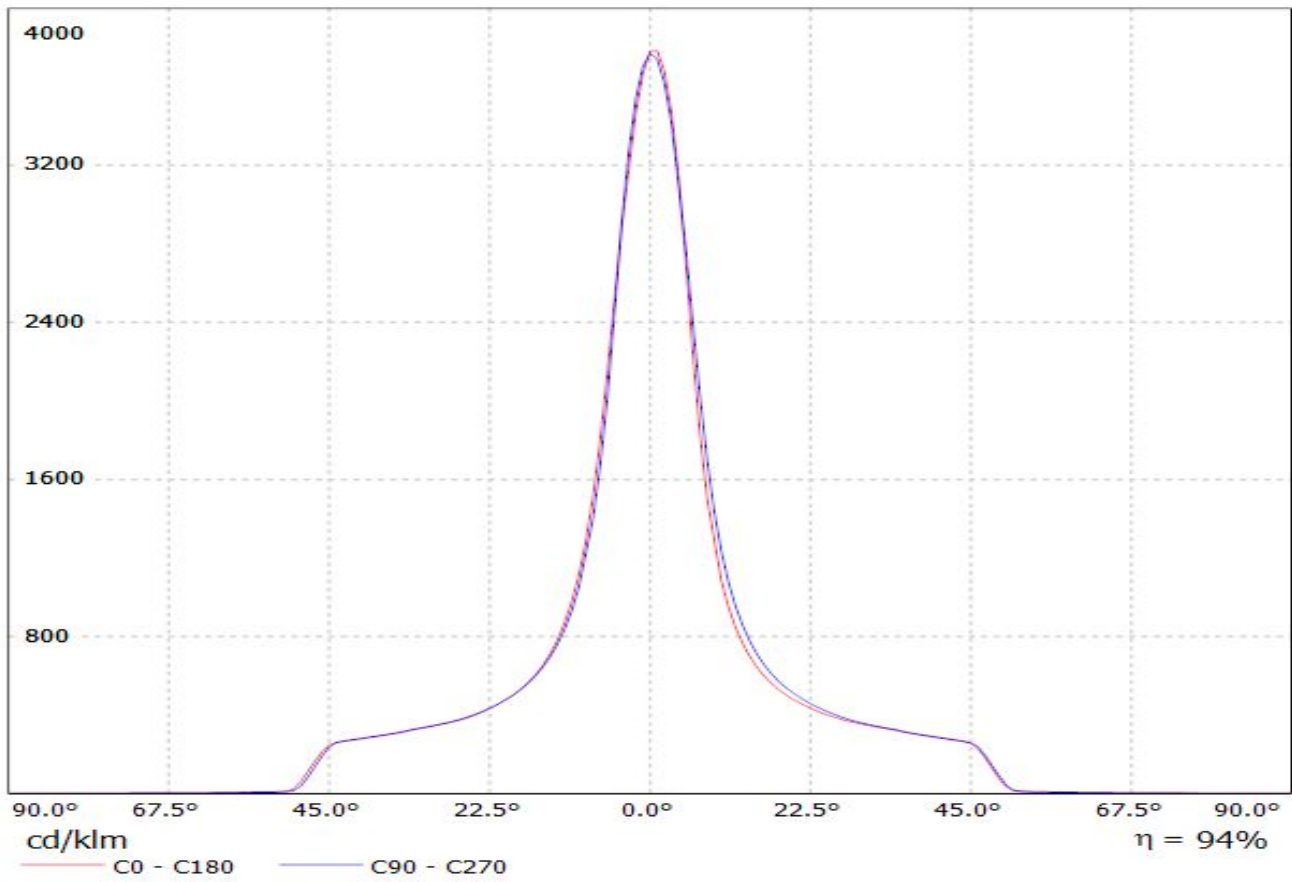
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SHEET 1/1

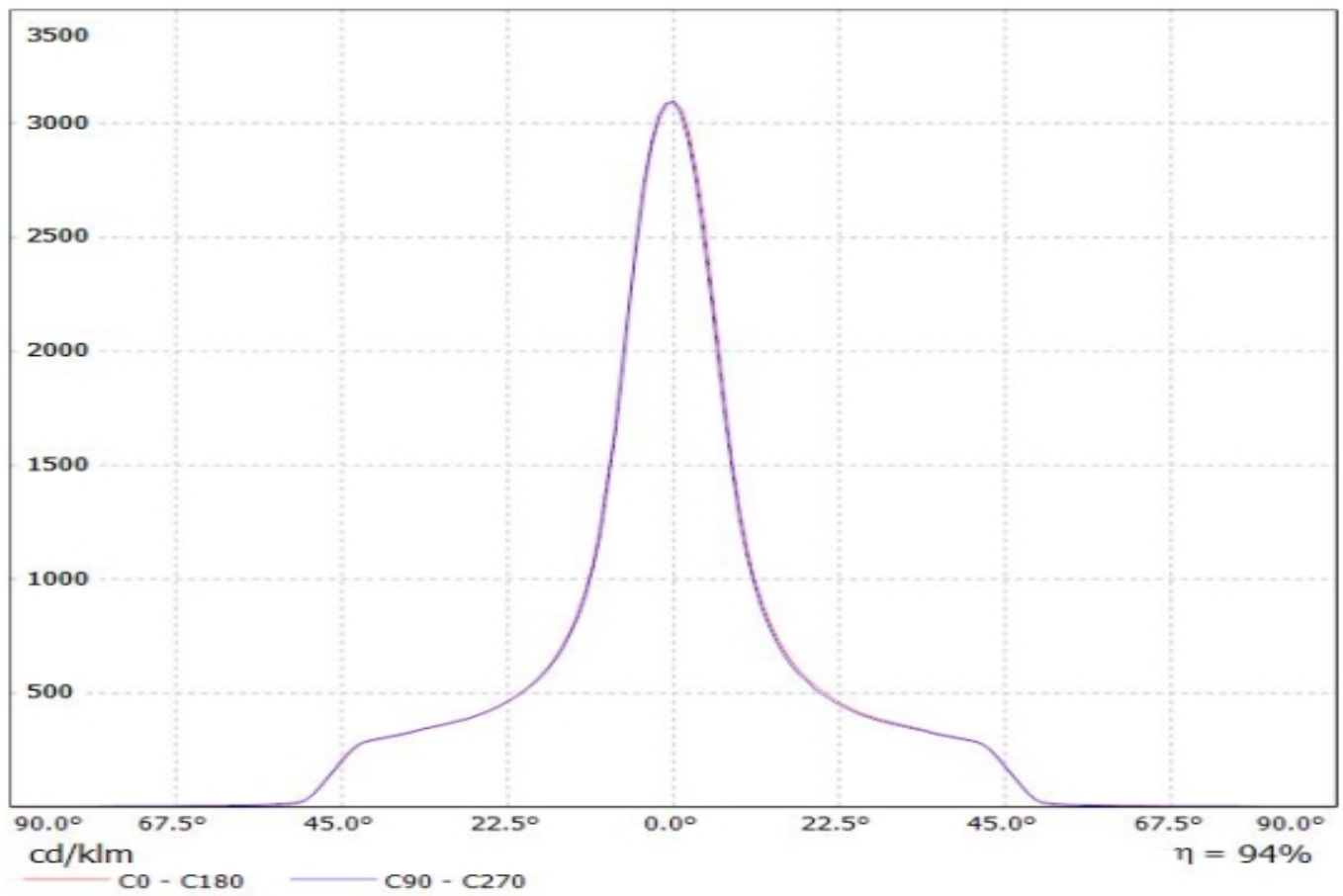
D

A

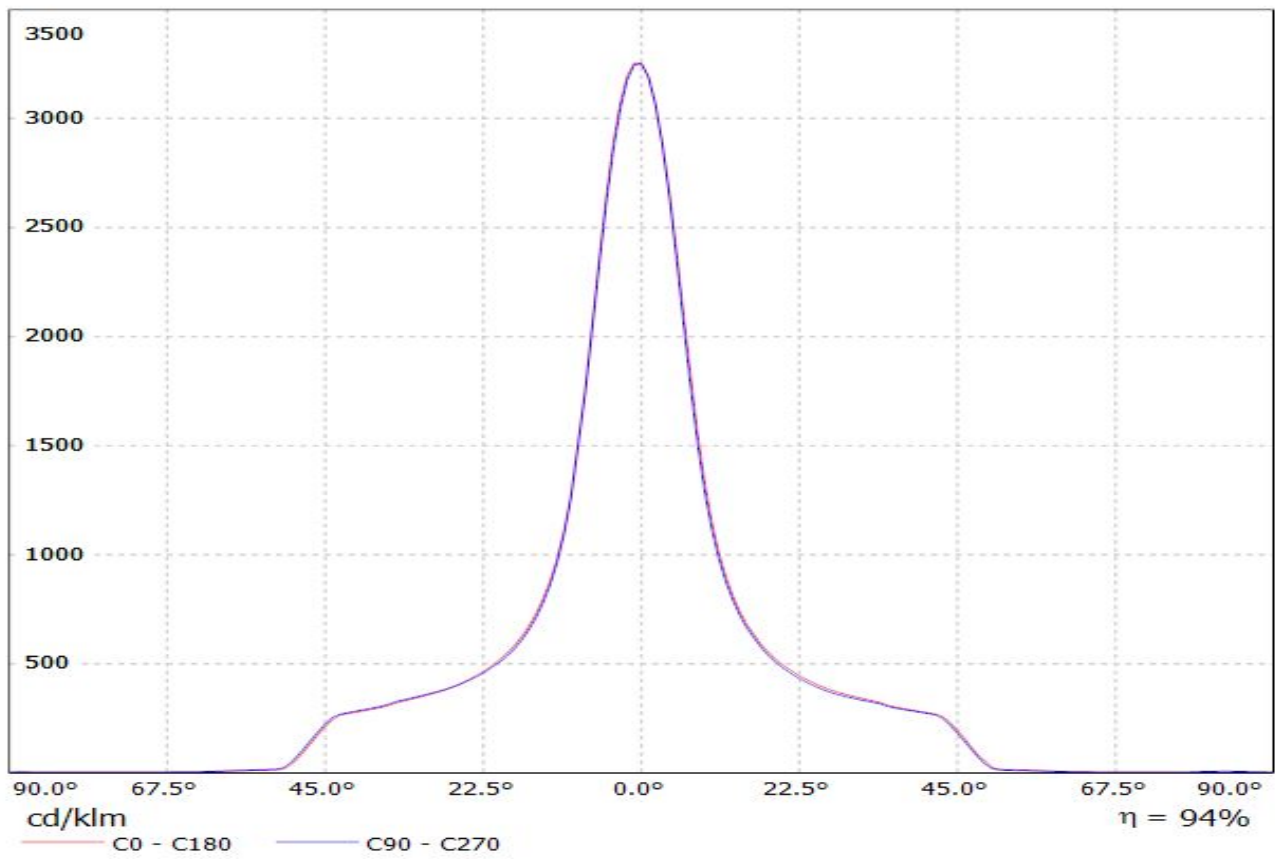
Luminaire: LEDiL Oy F13325\_ANGELINA-S\_(PrevaLED\_LES9) Eff. 94%  
Lamps: 1 x PrevaLED\_LES9\_(PL-CORE-1100-830-Z3)\_507.9lm@100mA\_P=4.5039W\_I=100.1mA



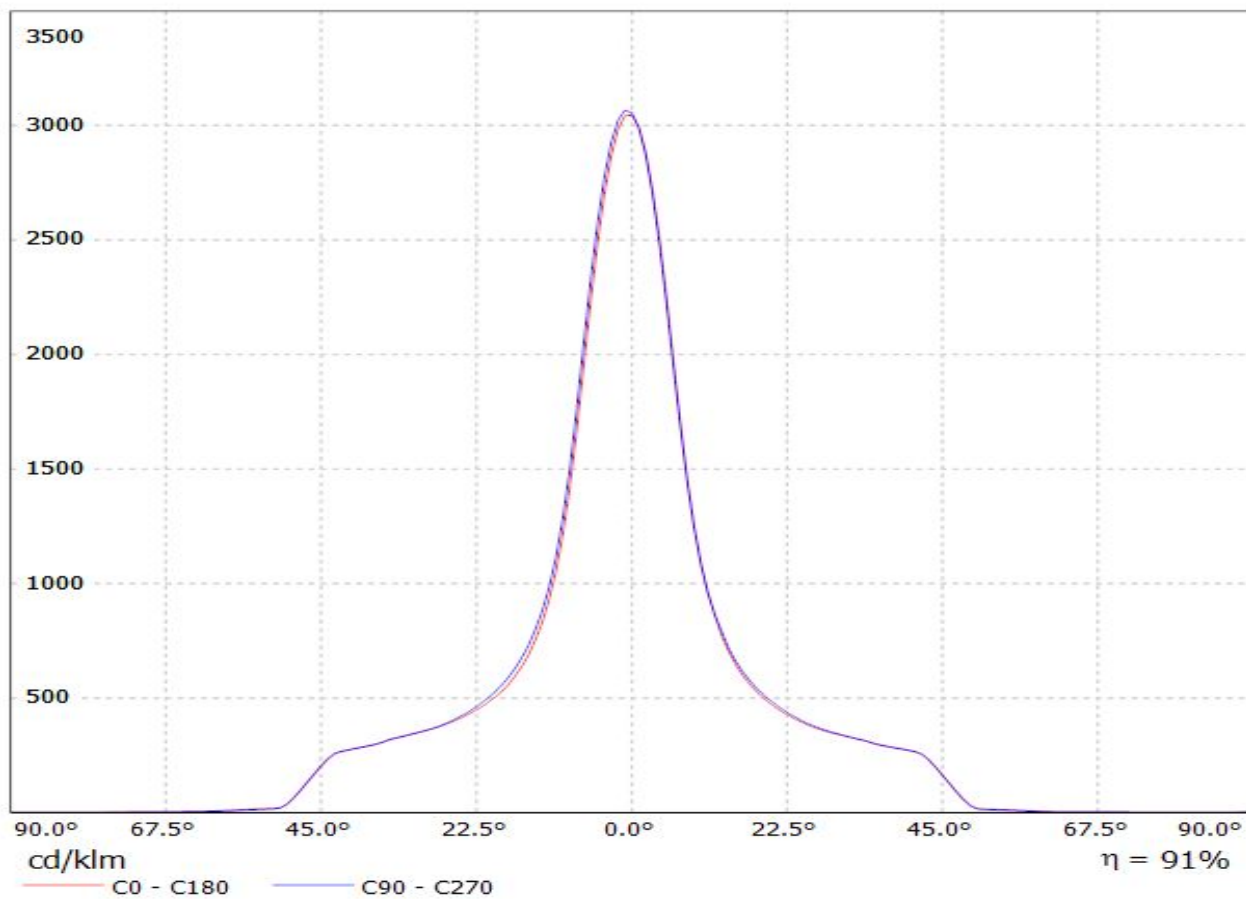
Luminaire: LEDiL Oy F13325\_ANGELINA-S\_(LEP-800-827-C-AC)  
Lamps: 1 x OSRAM PrevaLED Core AC (LEP-800-827-C-AC) 910lm@60mA U:230V P:14W



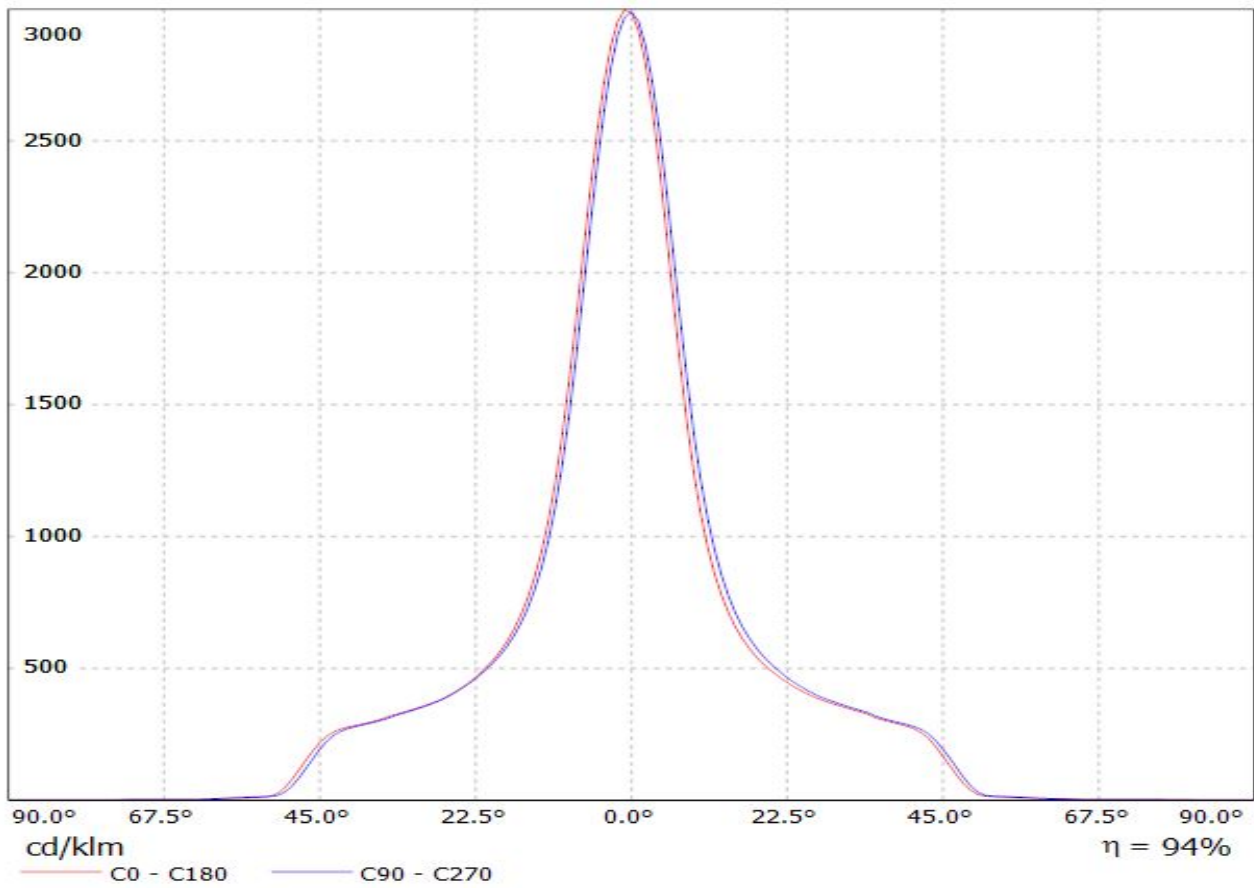
Luminaire: LEDiL Oy F13325\_ANGELINA-S\_(CXA1816) Eff. 94%  
Lamps: 1 x CREE\_CXA1816\_1050lm@250mA\_P=8.65157W\_I=249.9mA



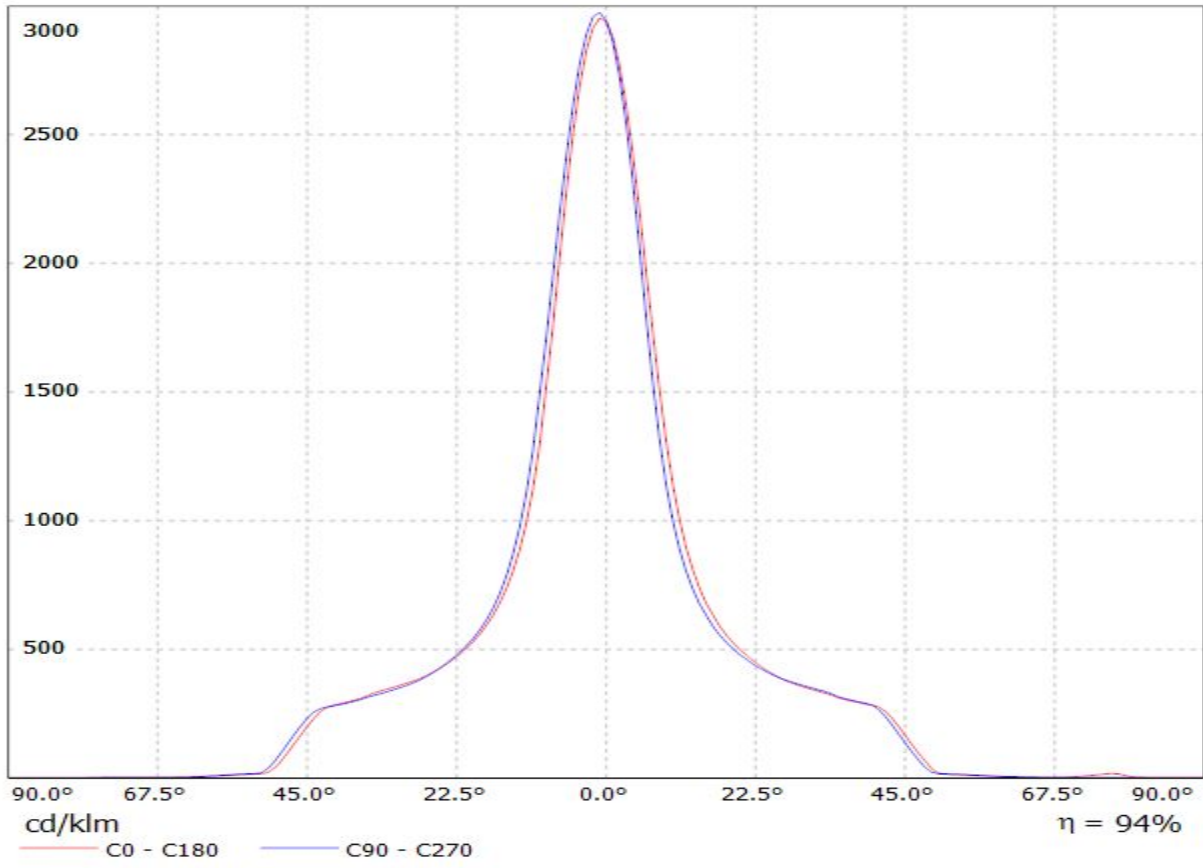
Luminaire: LEDiL Oy F13325\_ANGELINA-S\_(NSBxL121A) Eff.91.2%  
Lamps: 1 x NICHIA\_NSBxL121A\_(NSBLL121AE)\_805.561lm@250mA\_CCT=3000K\_P=7.3681W\_I=249.8mA



Luminaire: LEDiL Oy F13325\_ANGELINA-S (BXRA\_ES) Eff.93.8%  
Lamps: 1 x BXRA\_ES\_(BXRA-W1203\_102820-3110)\_281.549lm@250mA\_P=4.09397W\_I=249.8mA

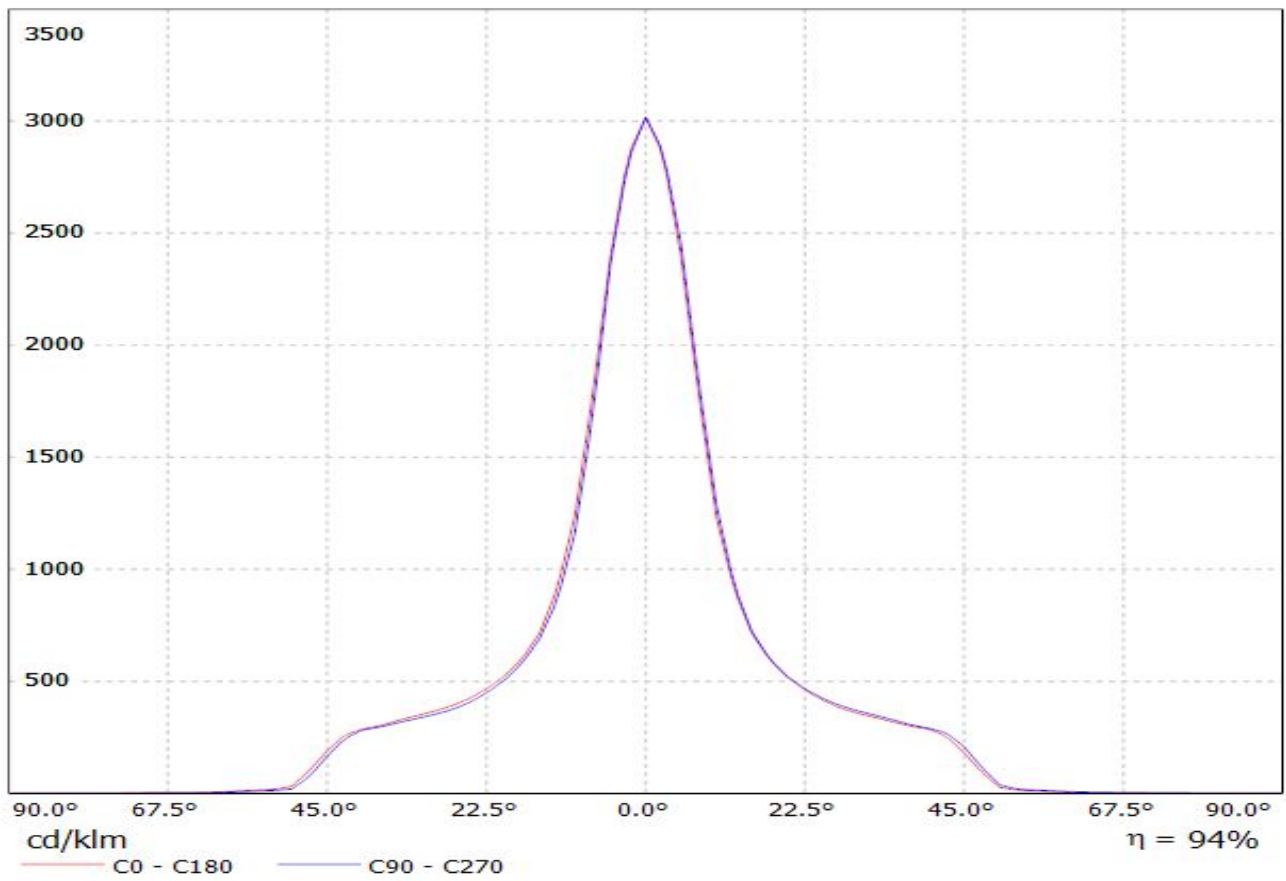


Luminaire: LEDiL Oy F13325\_ANGELINA-S\_(LUXEON\_COB\_1205) Eff.93.8%  
Lamps: 1 x LUXEON\_COB\_1205\_(LHC1-3080-1205)\_1084.49lm@250mA\_CCT=3000K\_P=8.31784W\_I=249.8mA

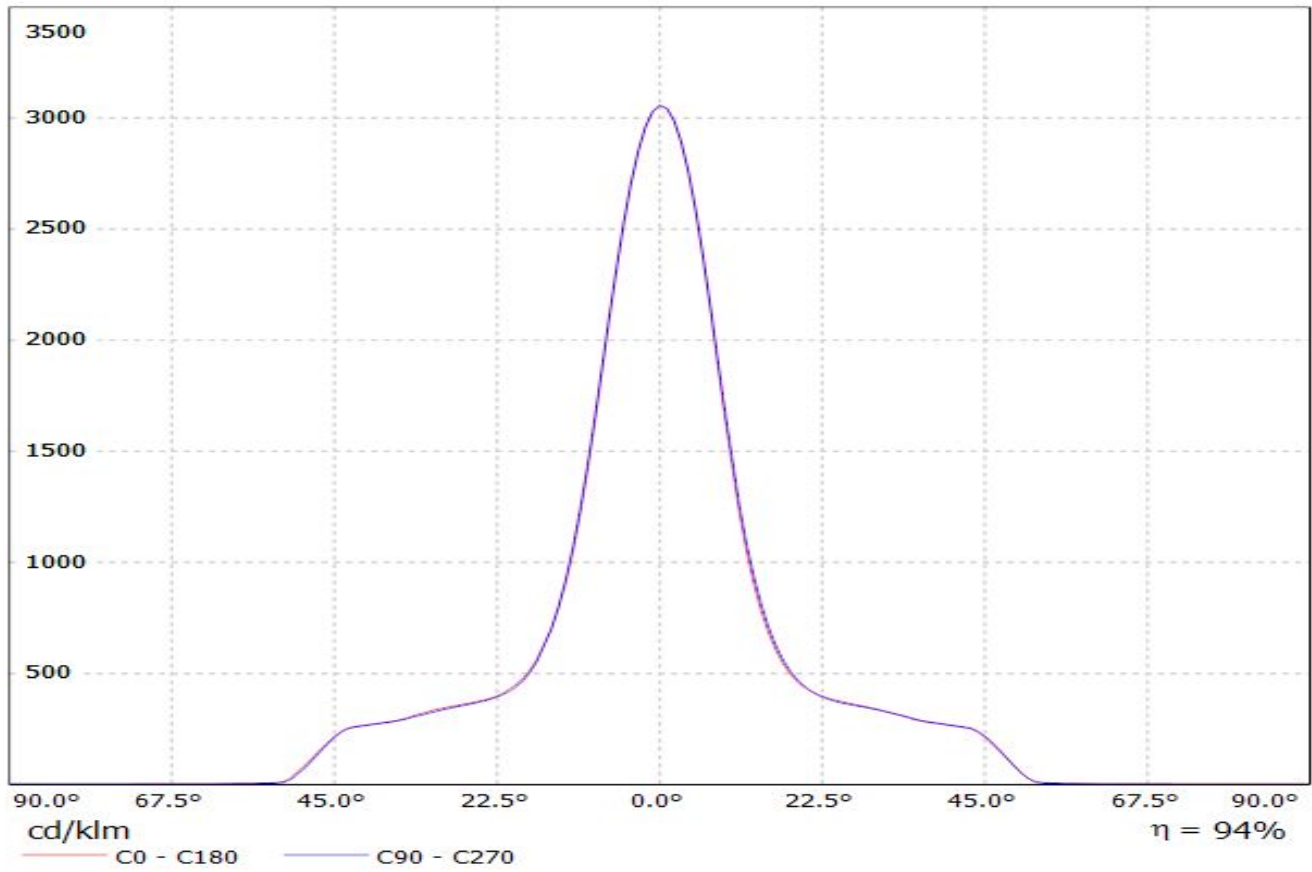




Luminaire: LEDiL Oy F13325\_ANGELINA-S\_(LG\_COB-10W) Eff.93.9%  
Lamps: 1 x LG\_COB-10W\_1024lm@250mA\_CCT=5090K\_P=9W\_I=250mA

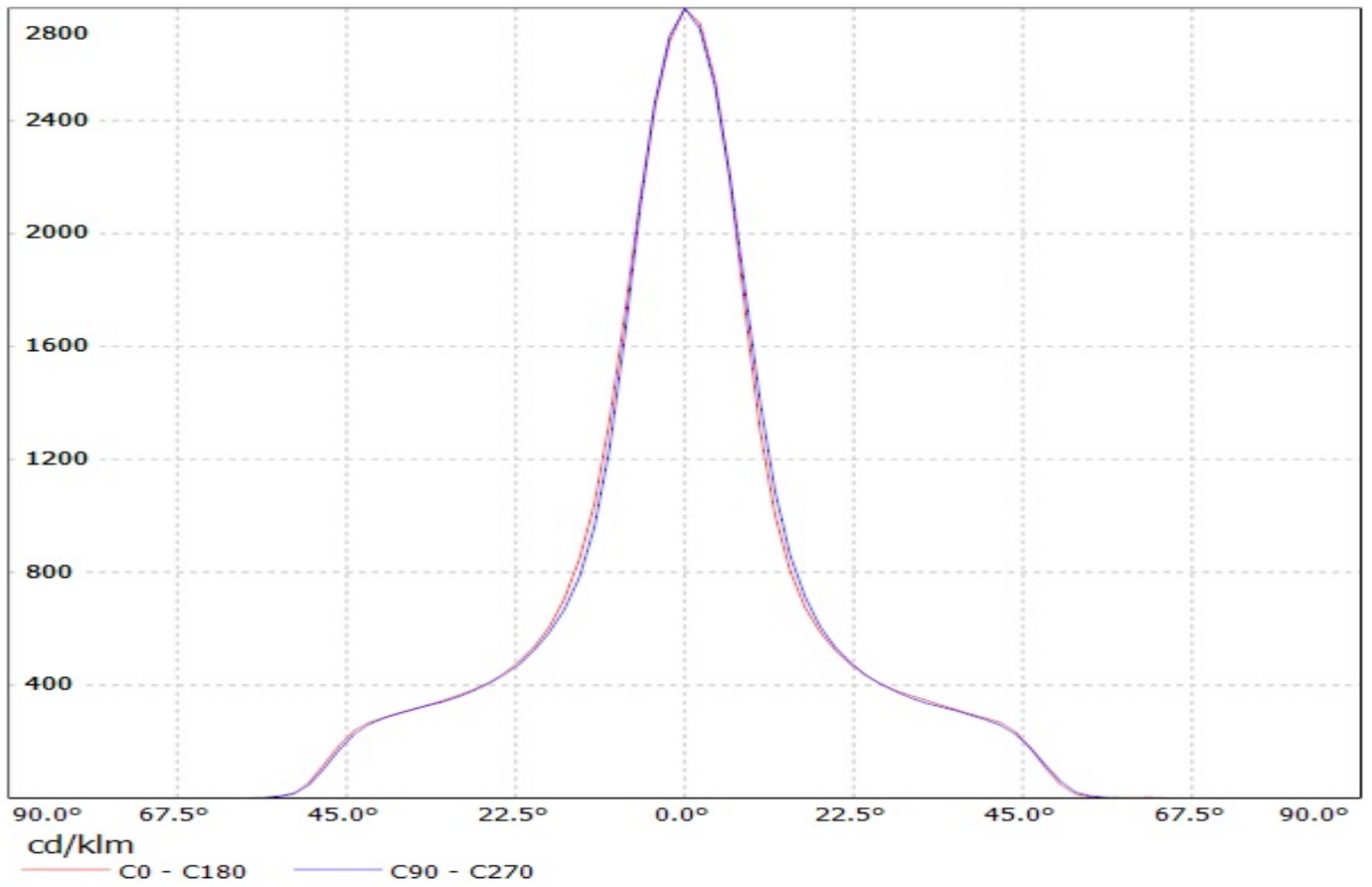


Luminaire: LEDiL Oy F13325\_ANGELINA-S\_(LUXEON CoB 1205) Eff: 94 %  
Lamps: 1 x LUXEON CoB 1205 (LHC1-3080-1205) 1082lm@250mA CCT=3000K P=8.3W I=250mA



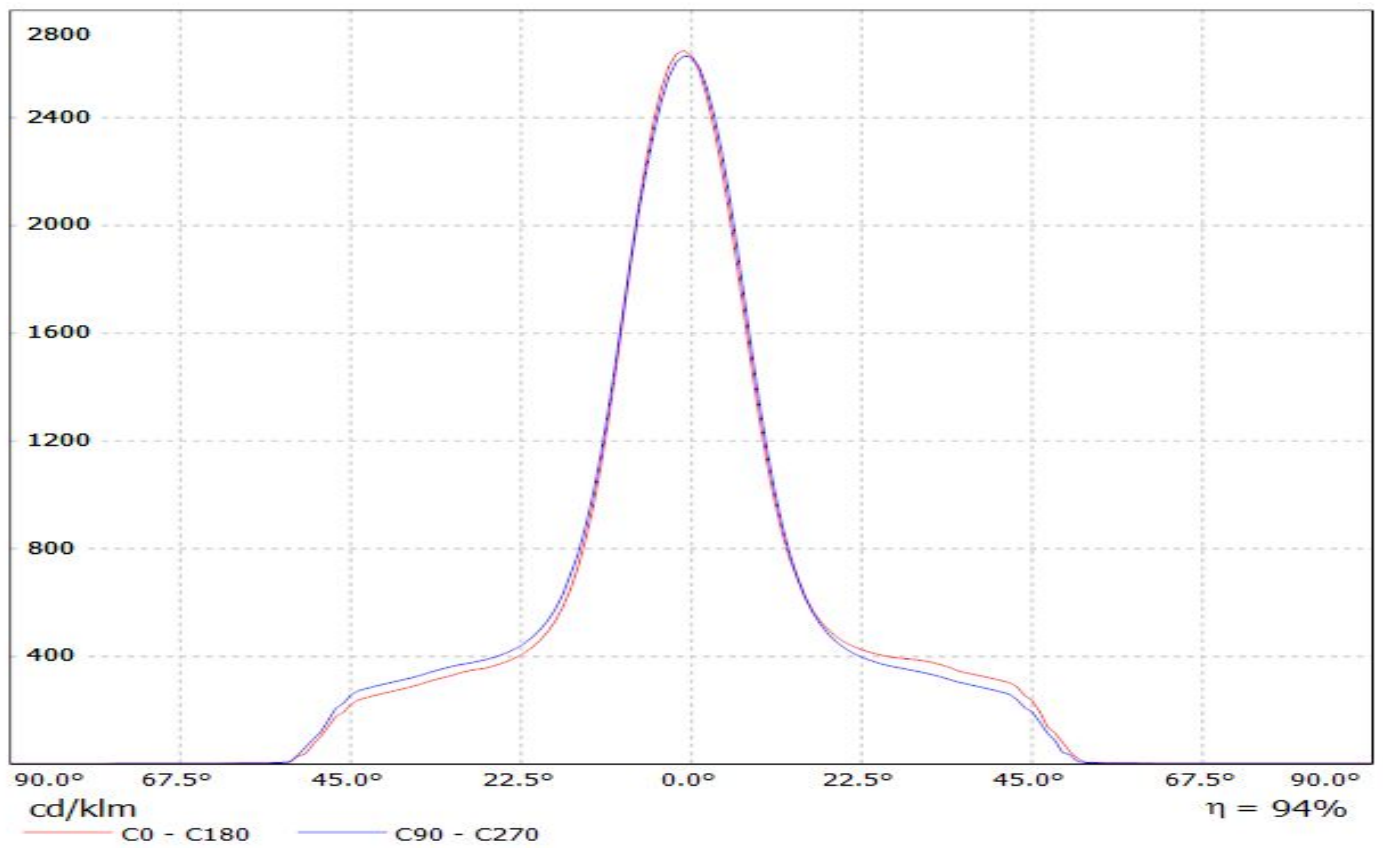


Luminaire: LEDil OY F13325\_ANGELINA-S\_(Soleriq\_S13) Efficiency=94%  
Lamps: 1 x Osram Soleriq S13 (GW KAGHB1.EM) 855lm @ 250mA CCT=3100K P=7.5W I=250mA



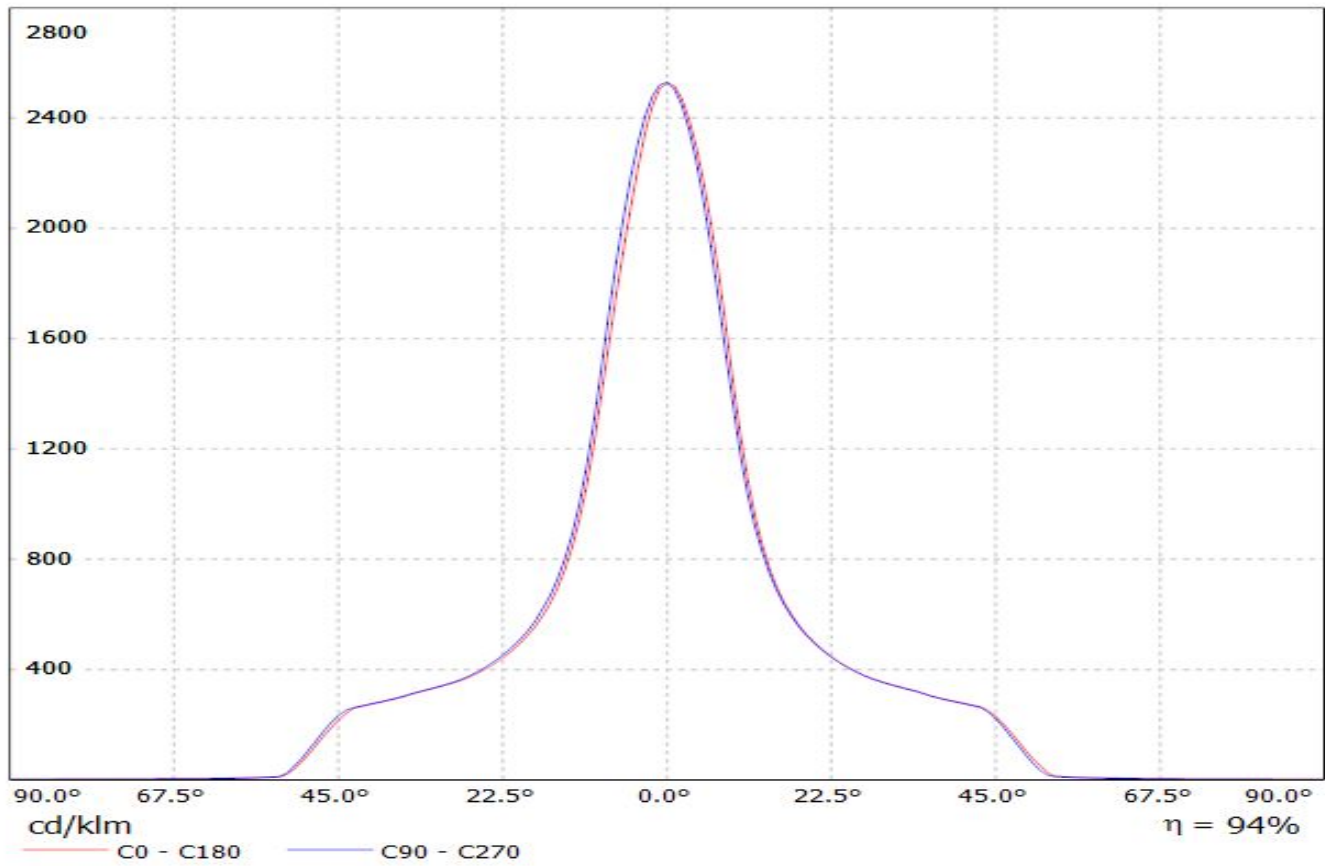
# LEDiL Oy C13325\_ANGELINA-S\_(LUXEON\_K12) Eff.94.3% / LDC (Linear)

Luminaire: LEDiL Oy C13325\_ANGELINA-S\_(LUXEON\_K12) Eff.94.3%  
Lamps: 1 x LUXEON\_K12 (929.543lm@250mA)

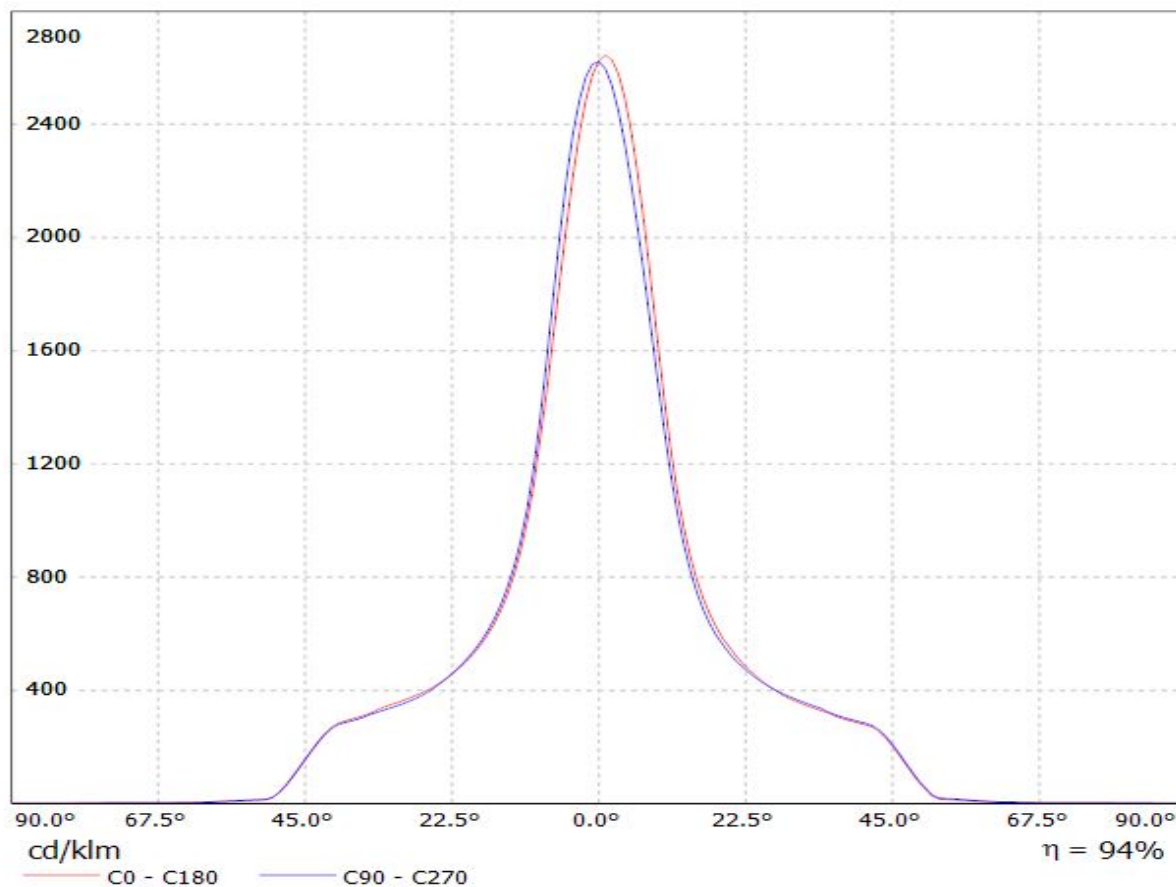


Luminaire: LEDiL Oy F13325\_ANGELINA-S\_(CXM-14)

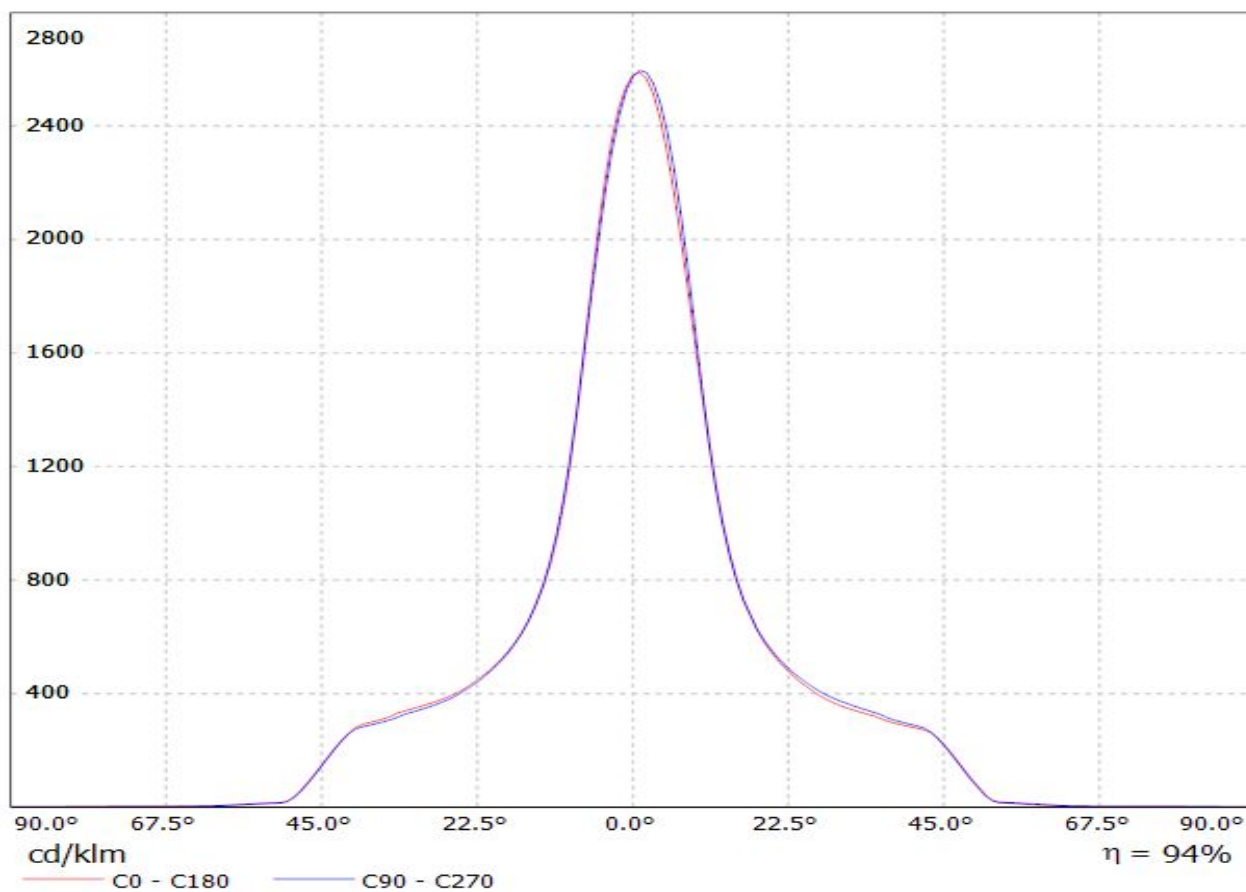
Lamps: 1 x LUMINUS\_CXM-14\_1114.36lm@250mA\_P=8.36106W\_I=249.8mA



Luminaire: LEDiL Oy F13325\_ANGELINA-S\_(MEGAZENIGATA) Eff.93.7%  
Lamps: 1 x SHARP\_MEGAZENIGATA\_(GW6DME30NFC)\_1238.26lm@250mA\_CCT=3000K\_P=11.1211W\_I=249.8mA

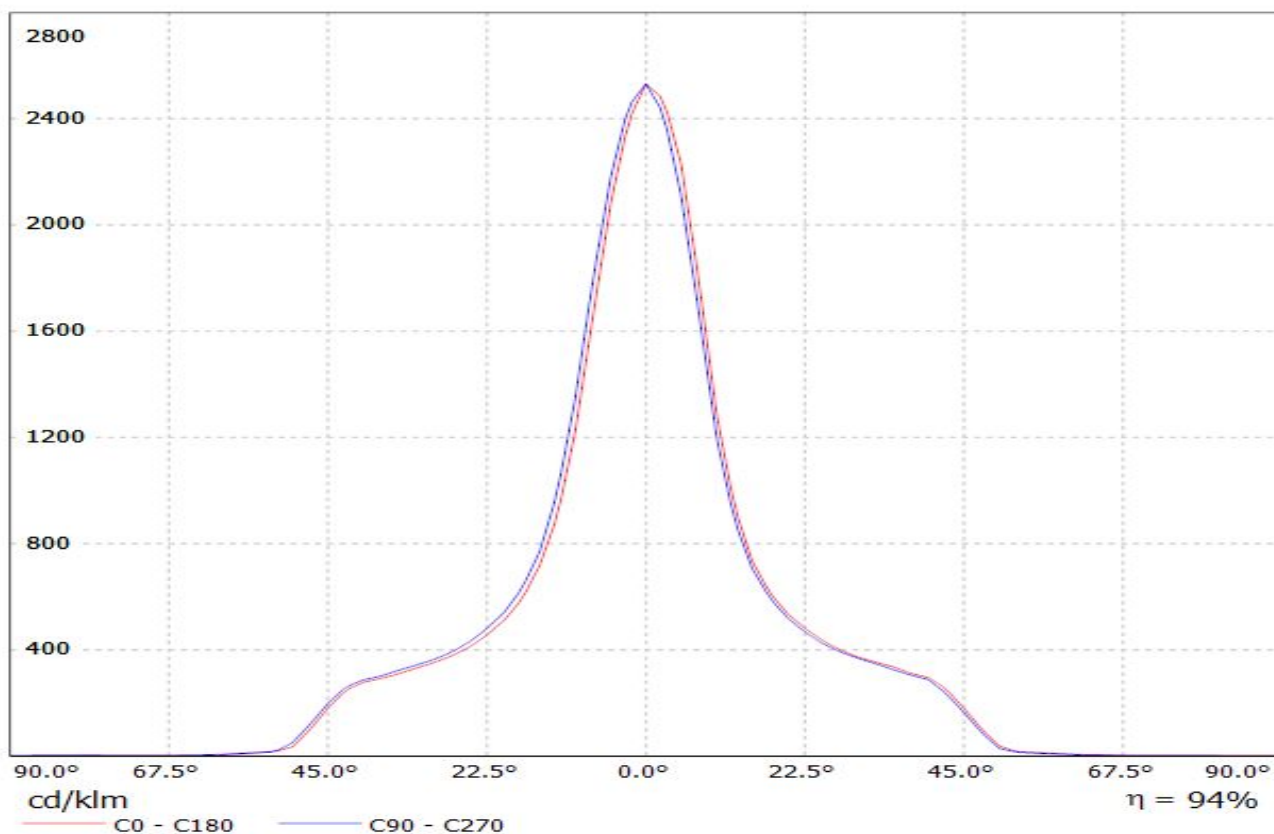


Luminaire: LEDiL Oy F13325\_ANGELINA-S (LUXEON\_COB\_1208) Eff.93.8%  
Lamps: 1 x LUXEON\_COB\_1208\_(LHC1-3080-1208)\_1015.13lm@250mA\_CCT=3000K\_P=8.15972W\_I=249.8mA



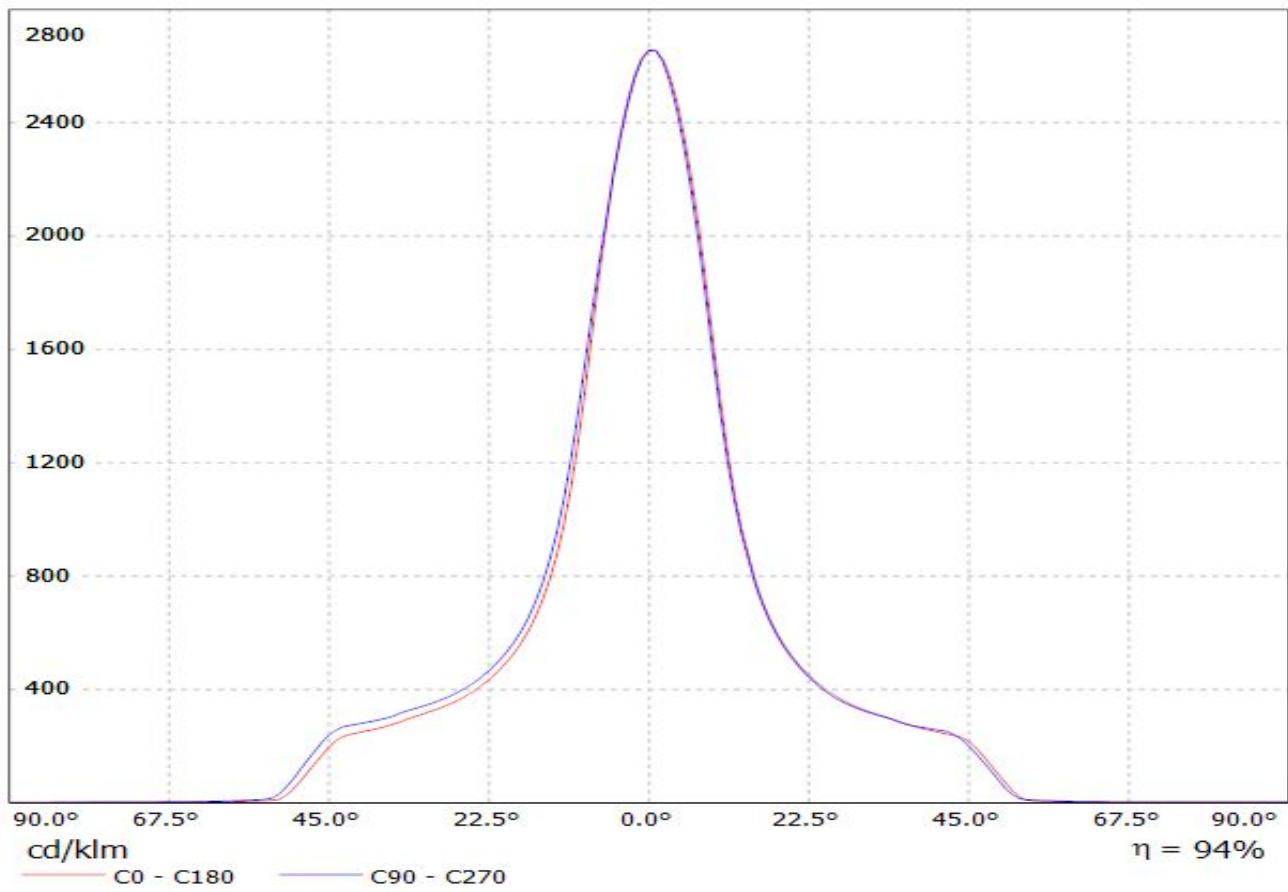


Luminaire: LEDiL Oy F13325\_ANGELINA-S\_(NSCxJ216A) Eff.94.0%  
Lamps: 1 x NICHIA\_NSCxJ216A\_(NSCLJ216AE)\_971.7lm@250mA\_CCT=3000K\_P=7.96937W\_I=249.8mA



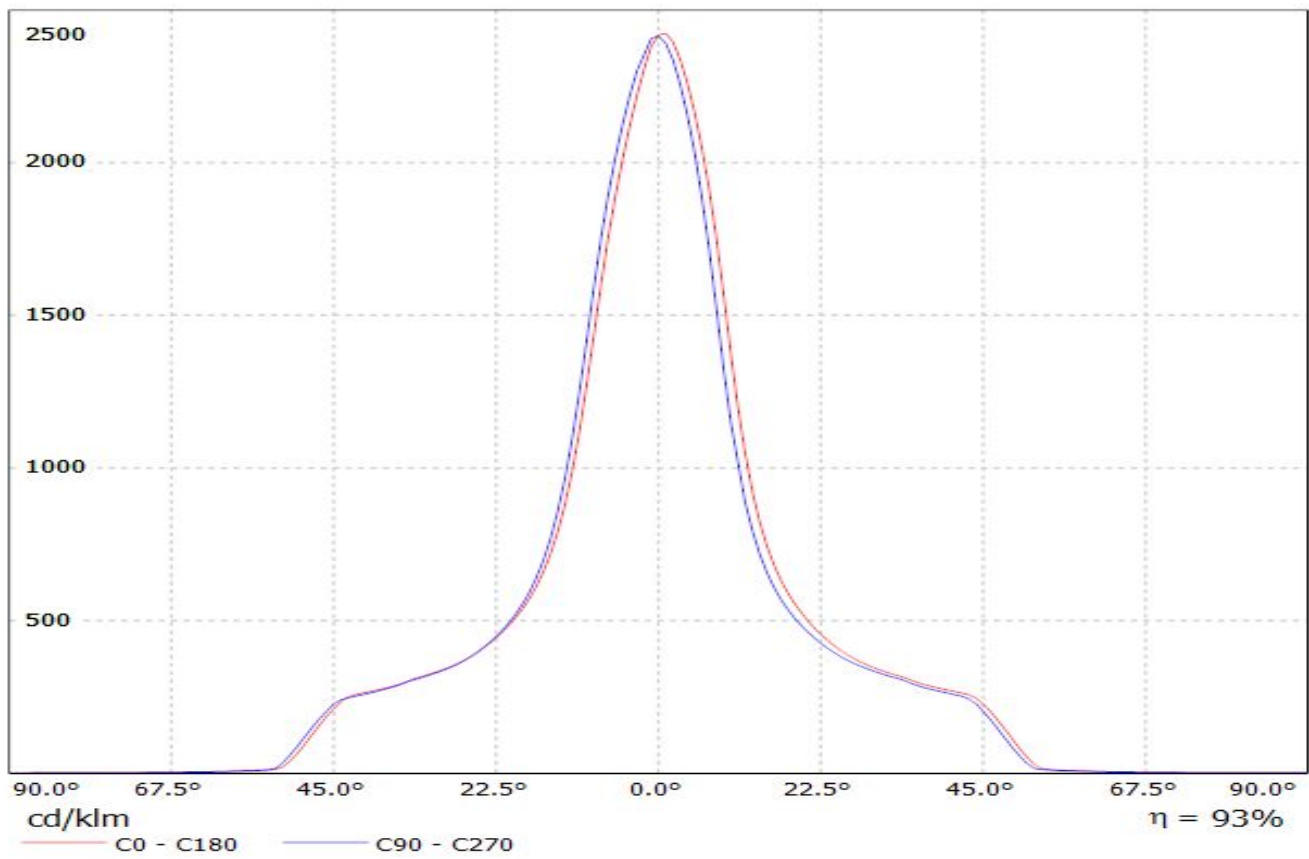
Luminaire: LEDiL Oy F13325\_ANGELINA-S\_(WU-M-461-827)

Lamps: 1 x Vossloh\_WU-M-461-827\_771.829lm@250mA\_P=6.26998W\_I=249.8mA

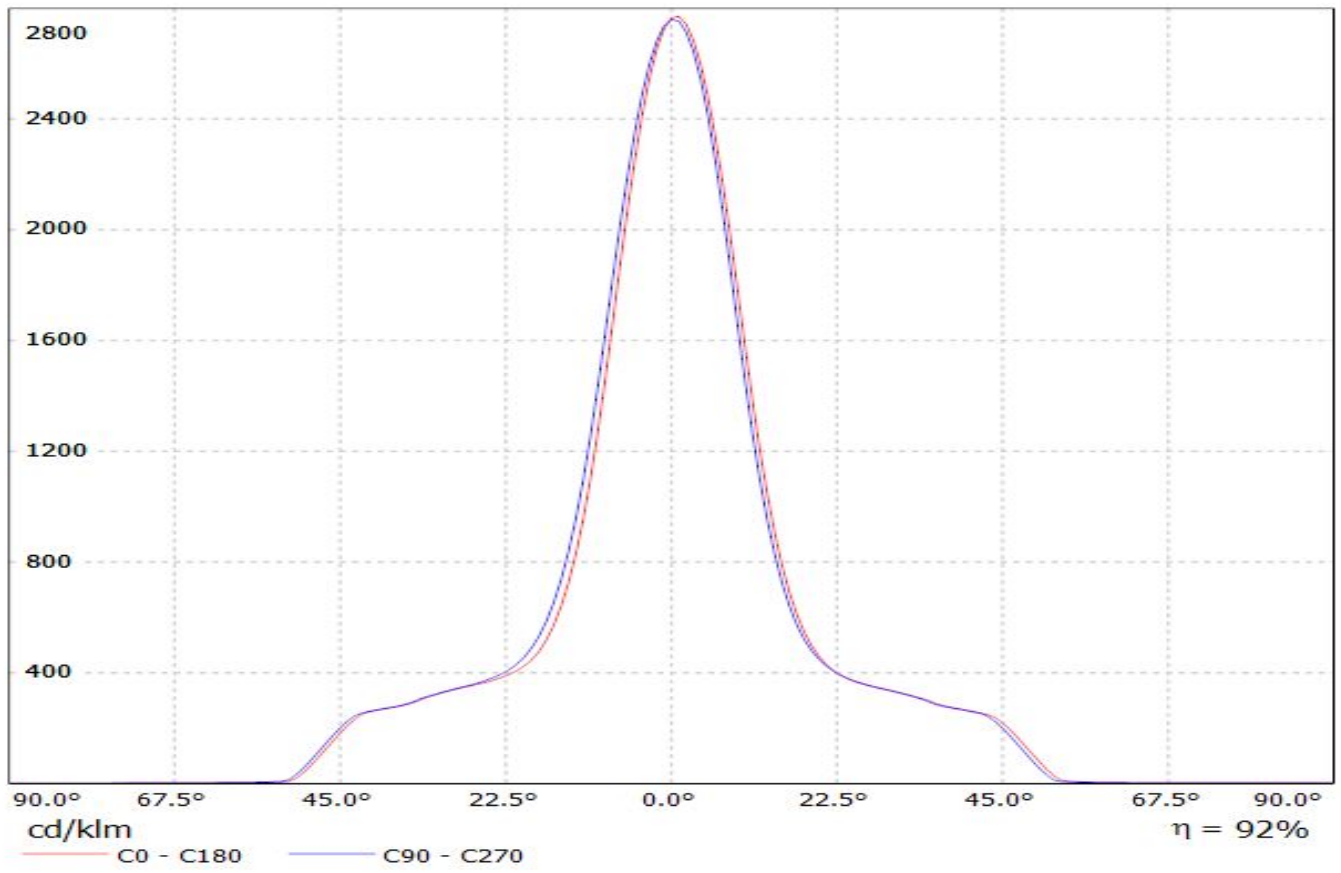


Luminaire: LEDiL Oy F13325\_ANGELINA-S\_(WU-M-484)

Lamps: 1 x Vossloh\_Schwabe-WU-M-484\_(WU-M-484-830)\_657.721lm@250mA\_P=5.59451W\_I=249.9mA

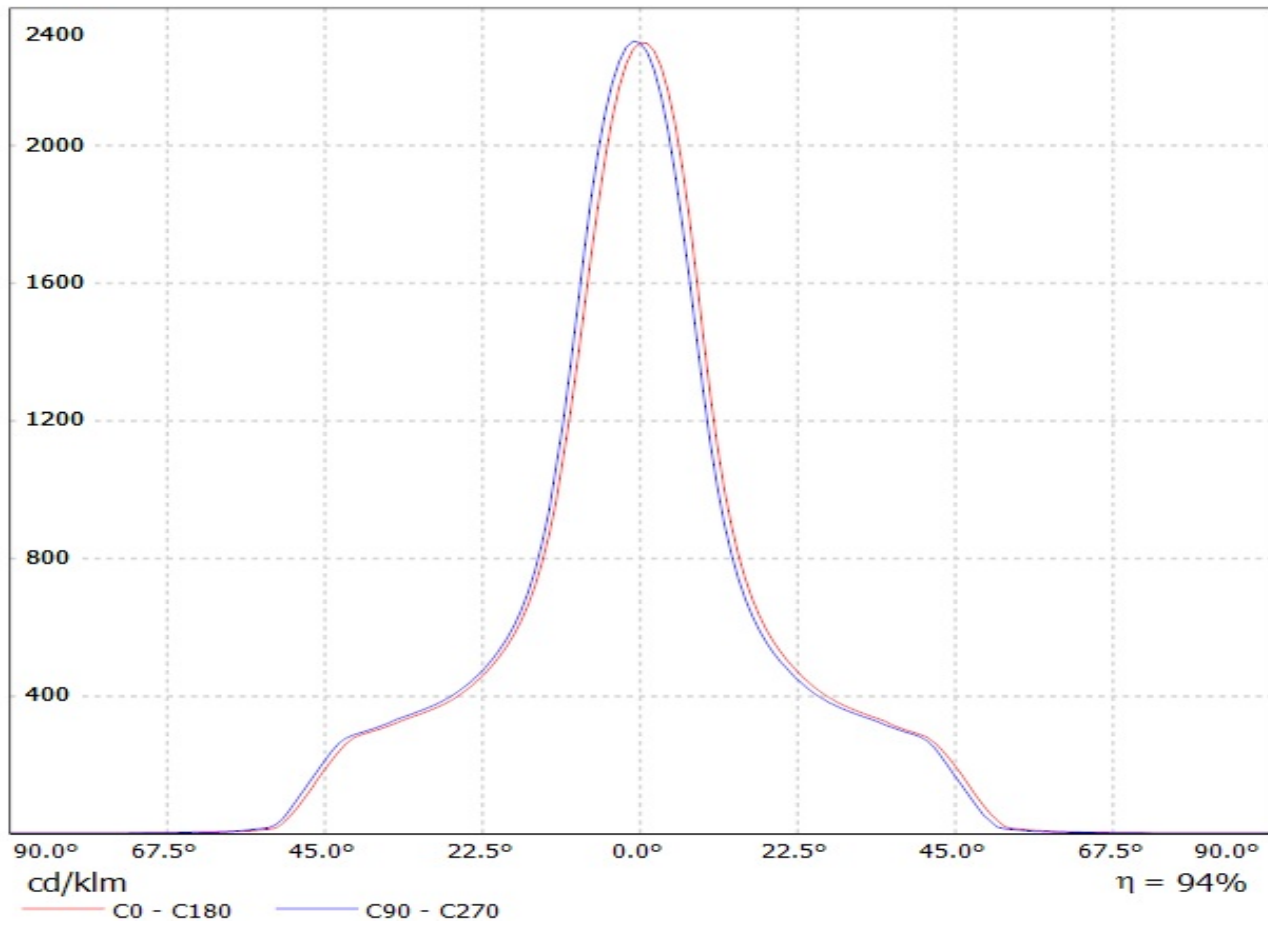


Luminaire: LEDiL Oy F13325\_ANGELINA-S\_(MegaZenigata) Eff.92.3%  
Lamps: 1 x MegaZenigata\_GW6DME (518.495lm@100mA)

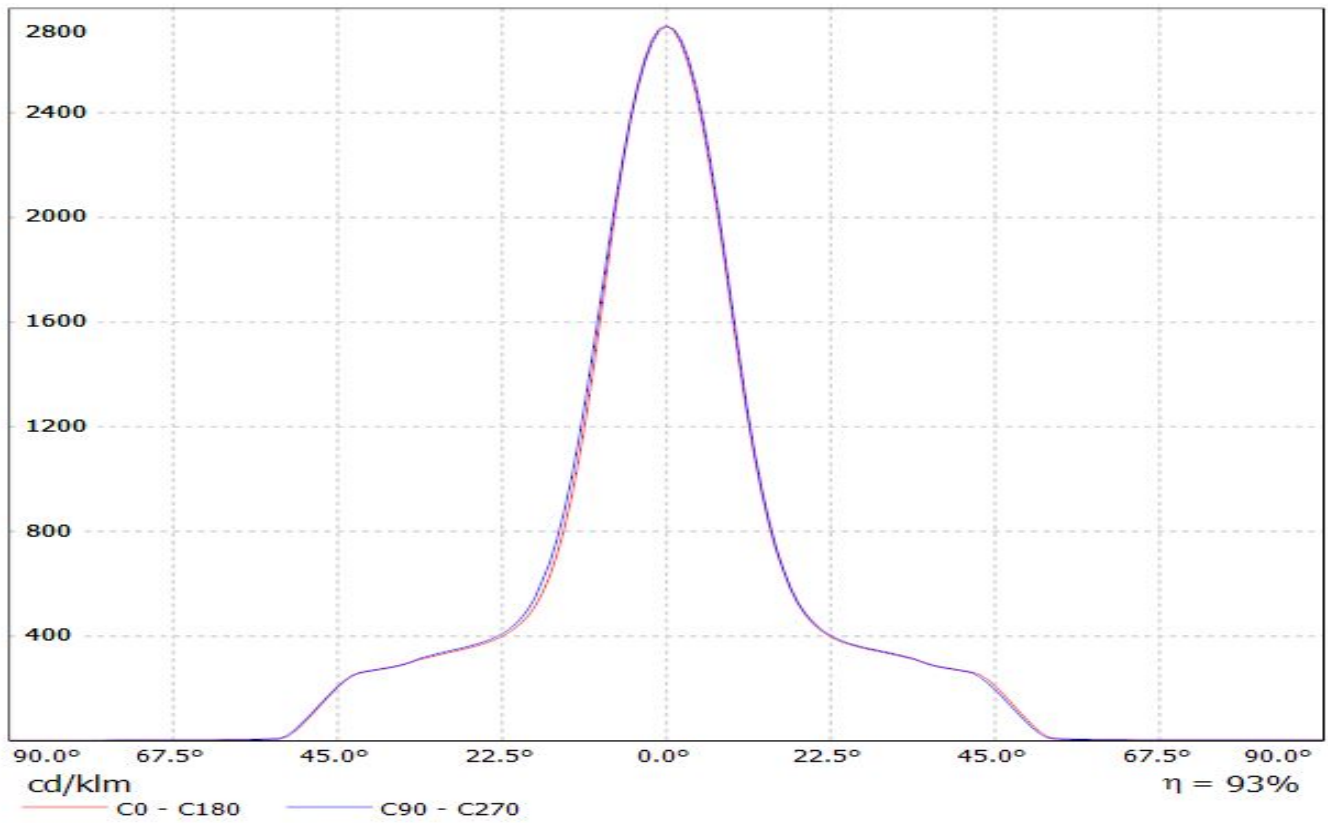


Luminaire: LEDiL Oy F13325\_ANGELINA-S (PrevaLED\_Z4) Eff:94%

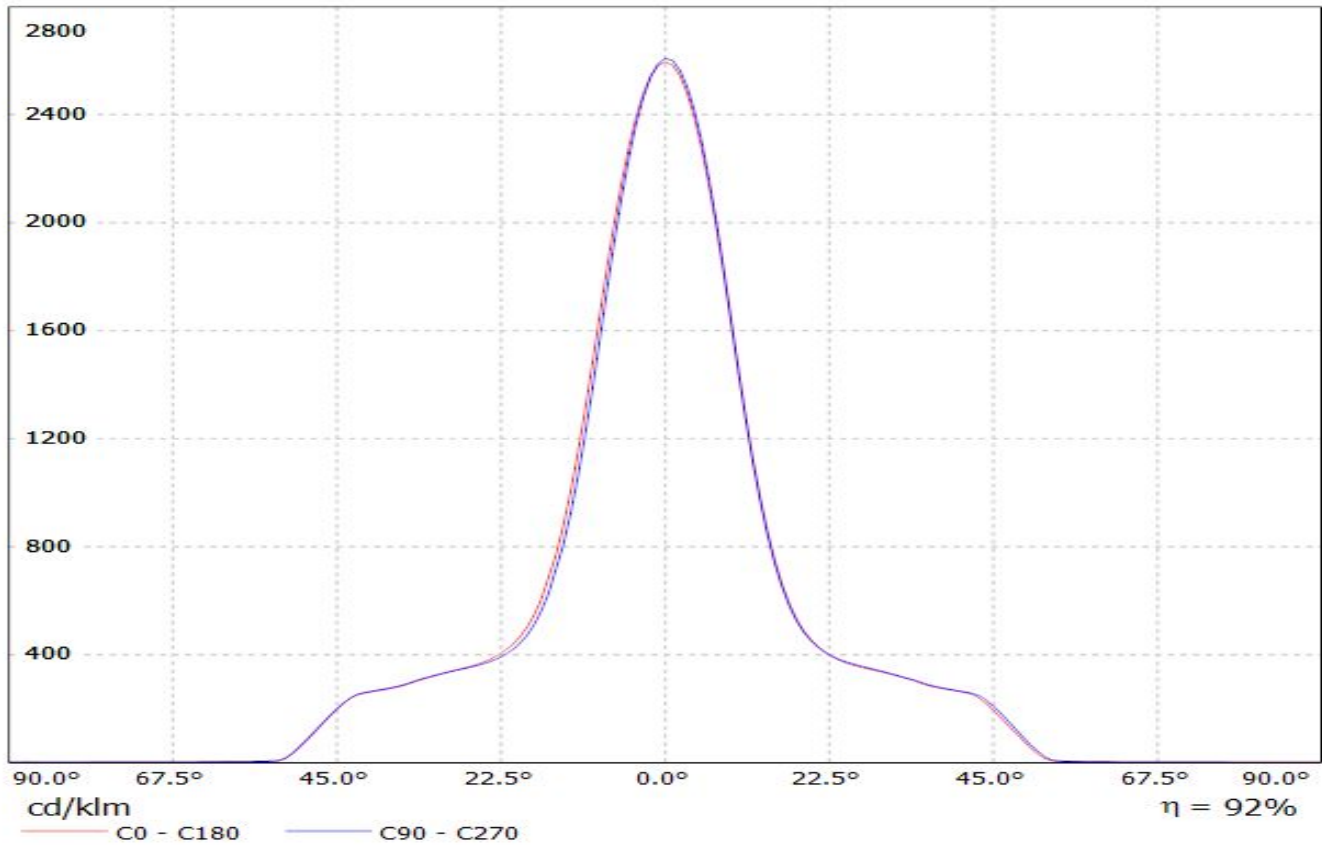
Lamps: 1 x Osram\_PrevaLED\_CORE\_Z4 (PL-CORE-3000-830-Z4)\_1423.93lm@250mA\_P=10.7652W\_I=249.9mA



Luminaire: LEDiL Oy F13325\_ANGELINA-S\_(Luxeon-Cob-1208) Eff: 93 %  
Lamps: 1 x Luxeon CoB 1208 (LHC1-3080-1208) 1029lm@250mA CCT=3000K P=8.2W I=250mA

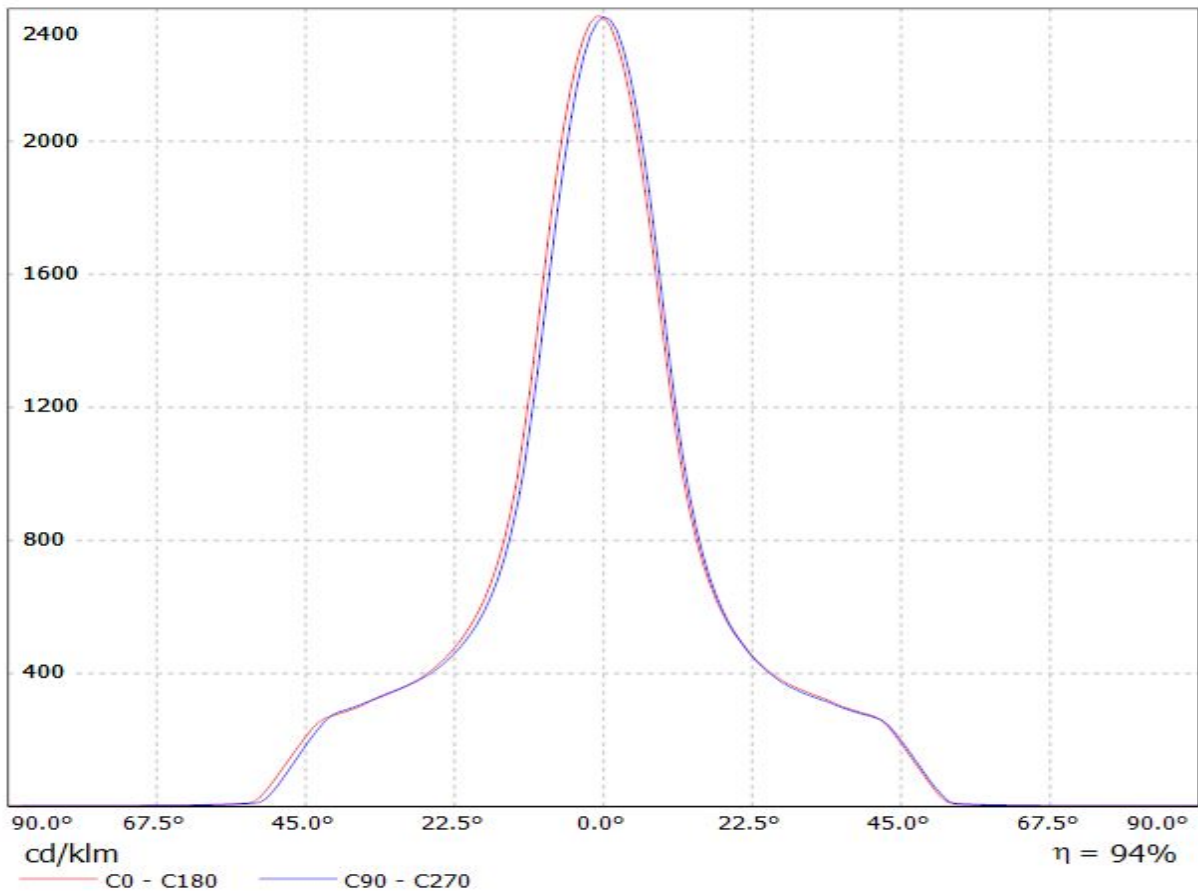


Luminaire: LEDiL Oy F13325\_ANGELINA-S (STARK\_SLE\_G2\_LES19) Eff.92.2%  
Lamps: 1 x TRIDONIC STARK SLE G2 LES19 830 CLA 964.643lm@250mA CCT=3000K P=8W I=250mA



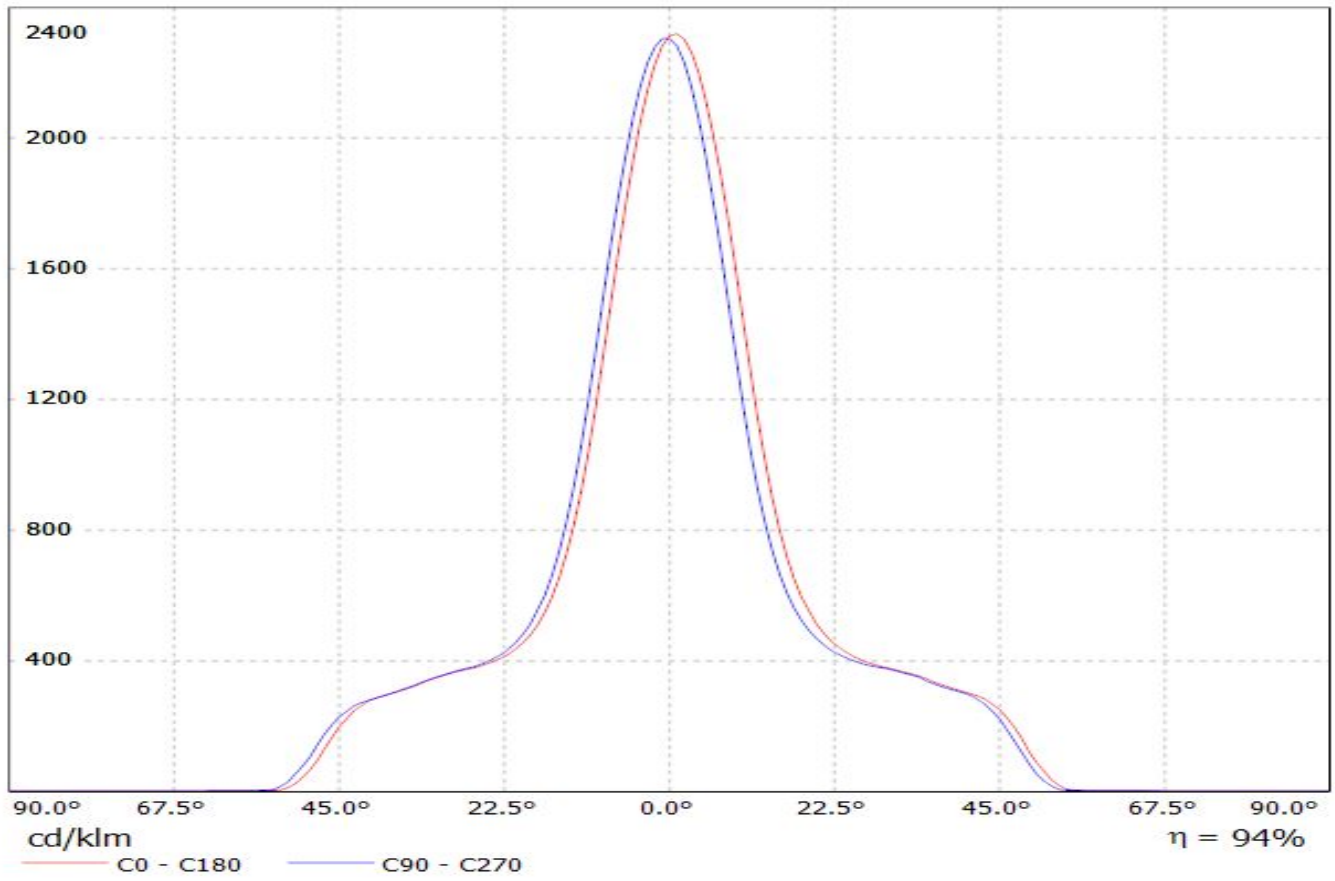
Luminaire: LEDiL Oy F13325\_ANGELINA-S\_(SOLERIQ\_S19\_&\_TE\_2213407-2)

Lamps: 1 x OSRAM\_SOLERIQ\_S19\_(GW\_KAHJB1.EM)\_1385.15lm@250mA\_CCT=3000K\_P=10.5613W\_I=249.8mA



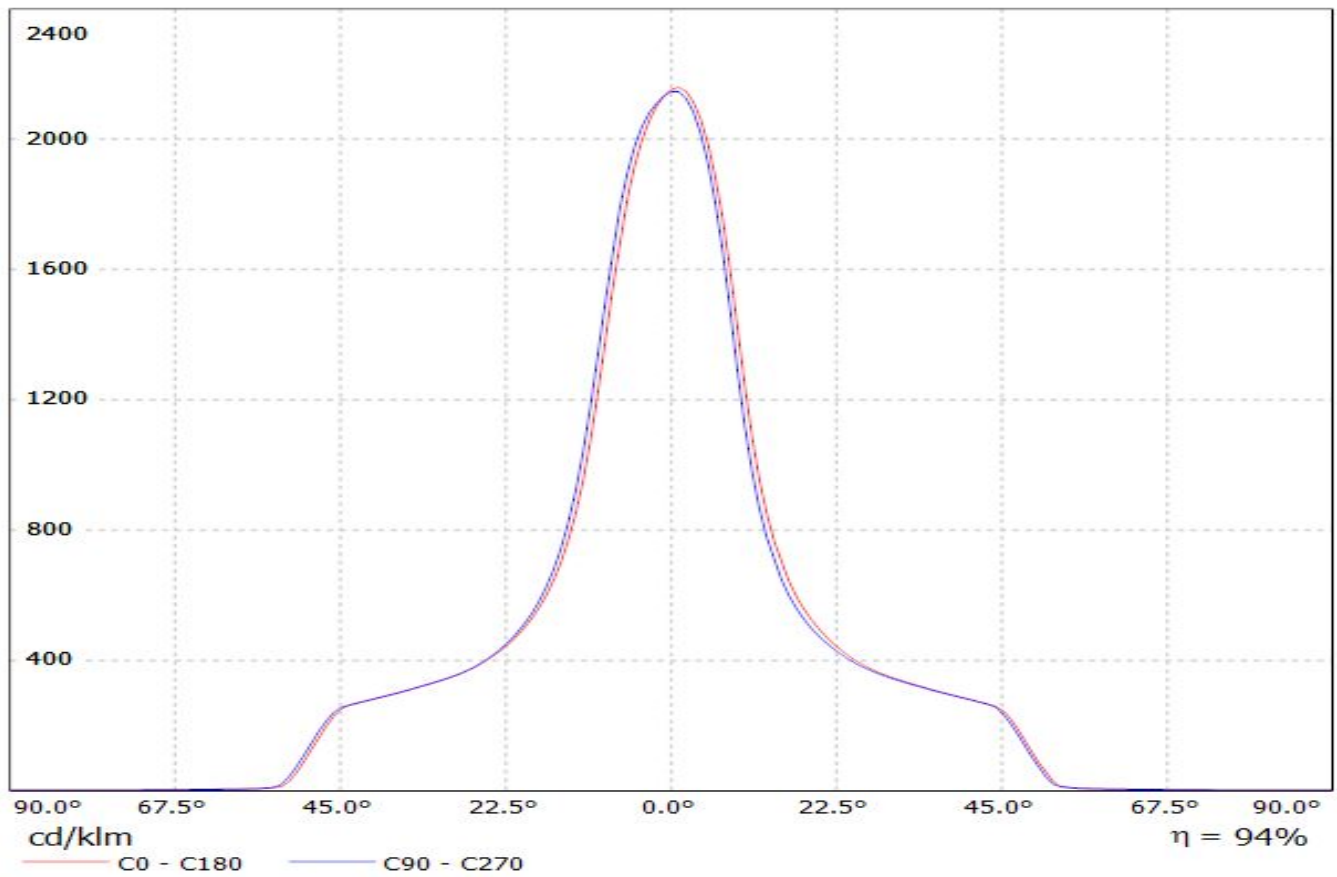


Luminaire: LEDiL Oy C13325\_ANGELINA-S\_(Luxeon\_K16) Eff.94.2%  
Lamps: 1 x LUXEON\_K16 (1204.33lm@250mA)

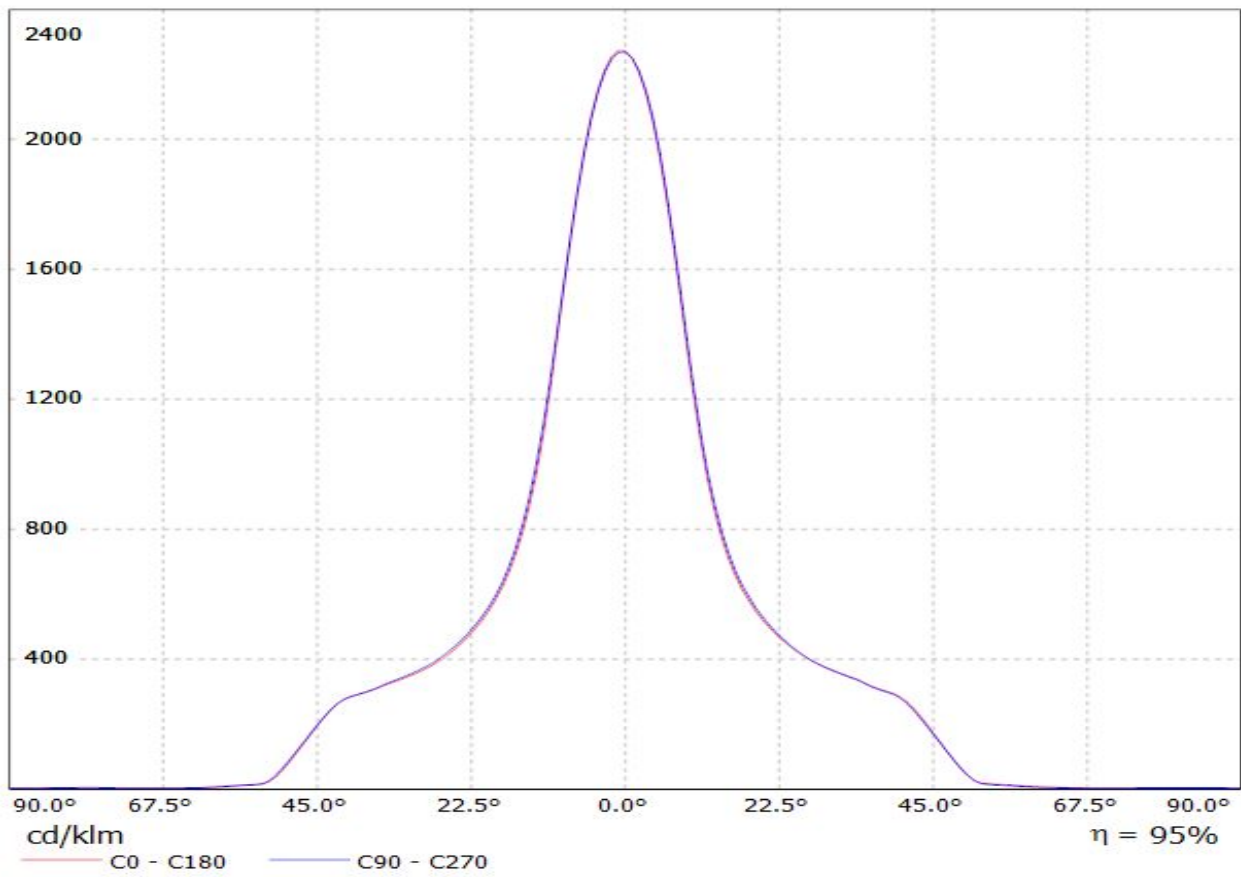


Luminaire: LEDiL Oy F13325\_ANGELINA-S\_(NSBxL121A)

Lamps: 1 x Nichia\_NSBxL121A\_914.478lm@250mA\_P=7.56872W\_I=249.9mA

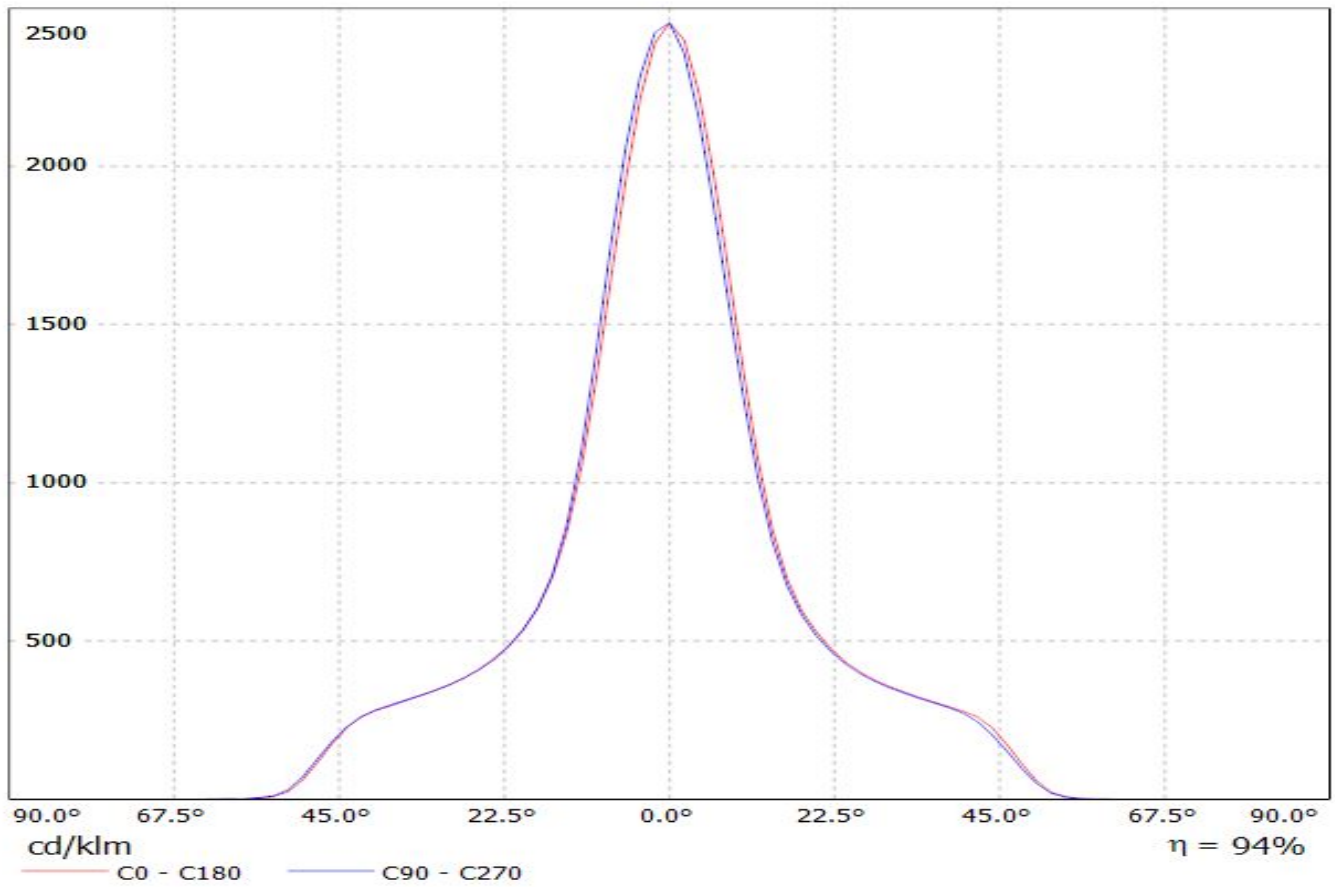


Luminaire: LEDiL Oy F13325\_ANGELINA-S\_(CXA25) Eff.94%  
Lamps: 1 x CREE\_CXA25\_(CXA2530-7C0-T2-N0H)\_1151.98lm@250mA\_CCT=3000K\_P=8.4892W\_I=249.8mA

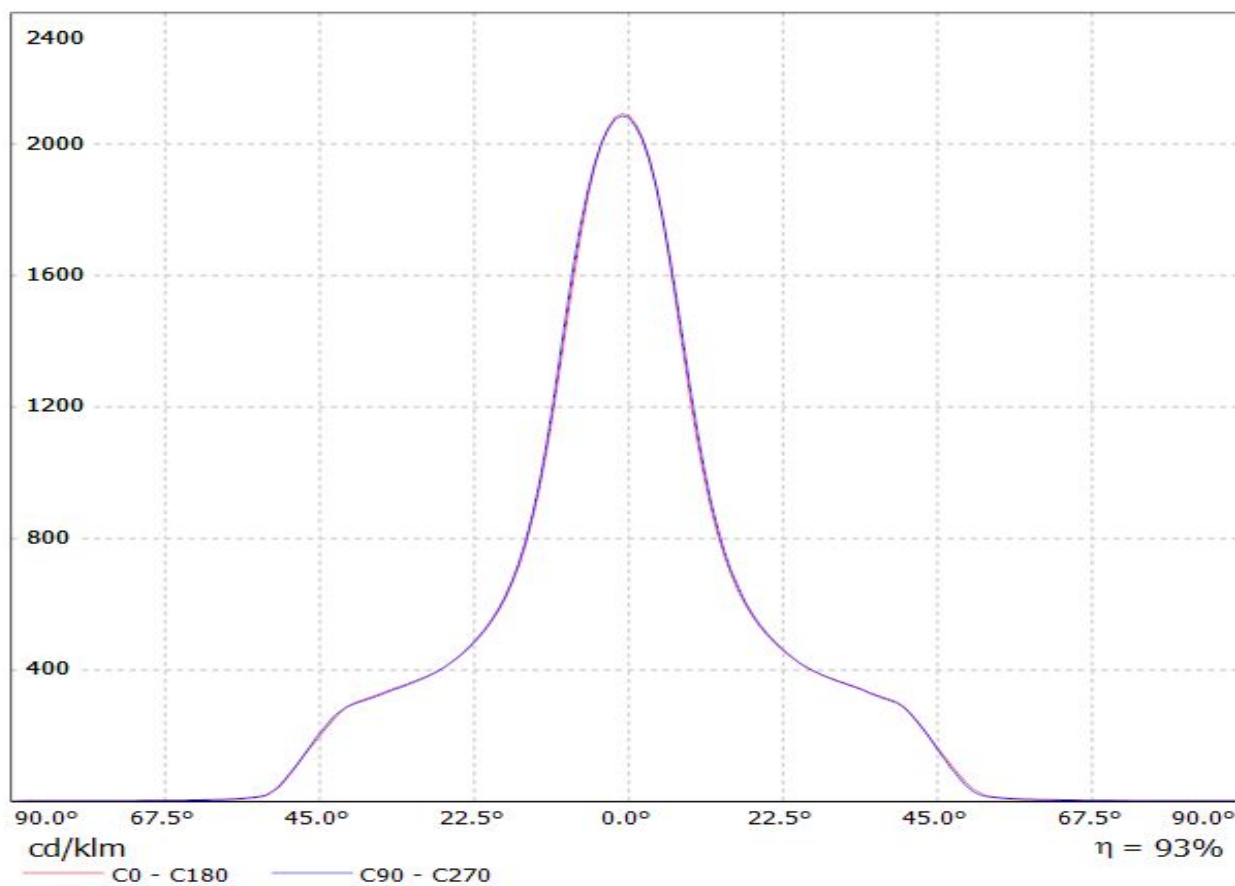


Luminaire: LEDiL F13325\_ANGELINA-S\_(CLL030)

Lamps: 1 x Citizen CLL030 740lm@250mA (CLL030-1205A5-303H1A7) CCT:3000K

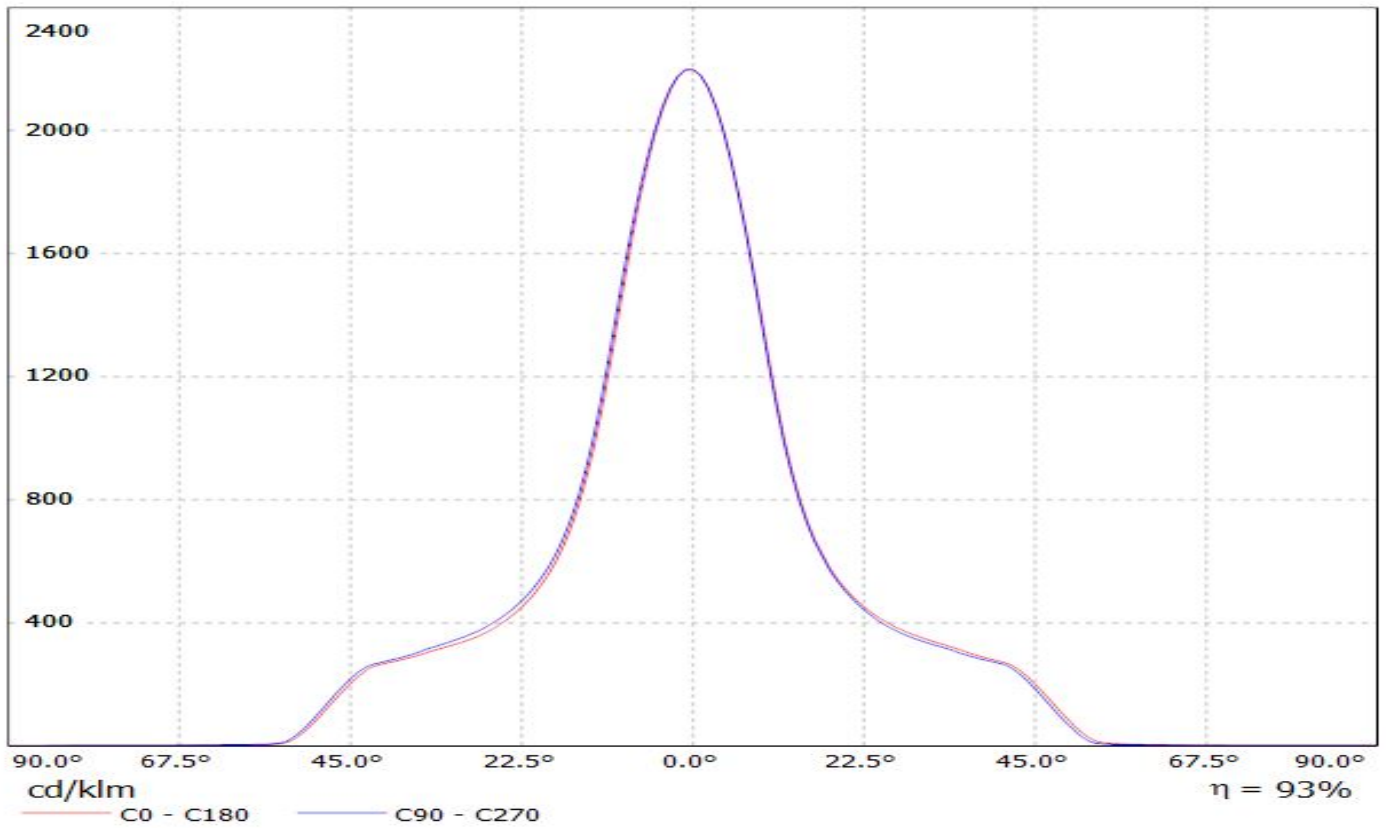


Luminaire: LEDiL Oy F13325\_ANGELINA-S\_(LEP-2000-827-C-AC)  
Lamps: 1 x OSRAM PrevaLED Core AC (LEP-2000-827-C-AC)

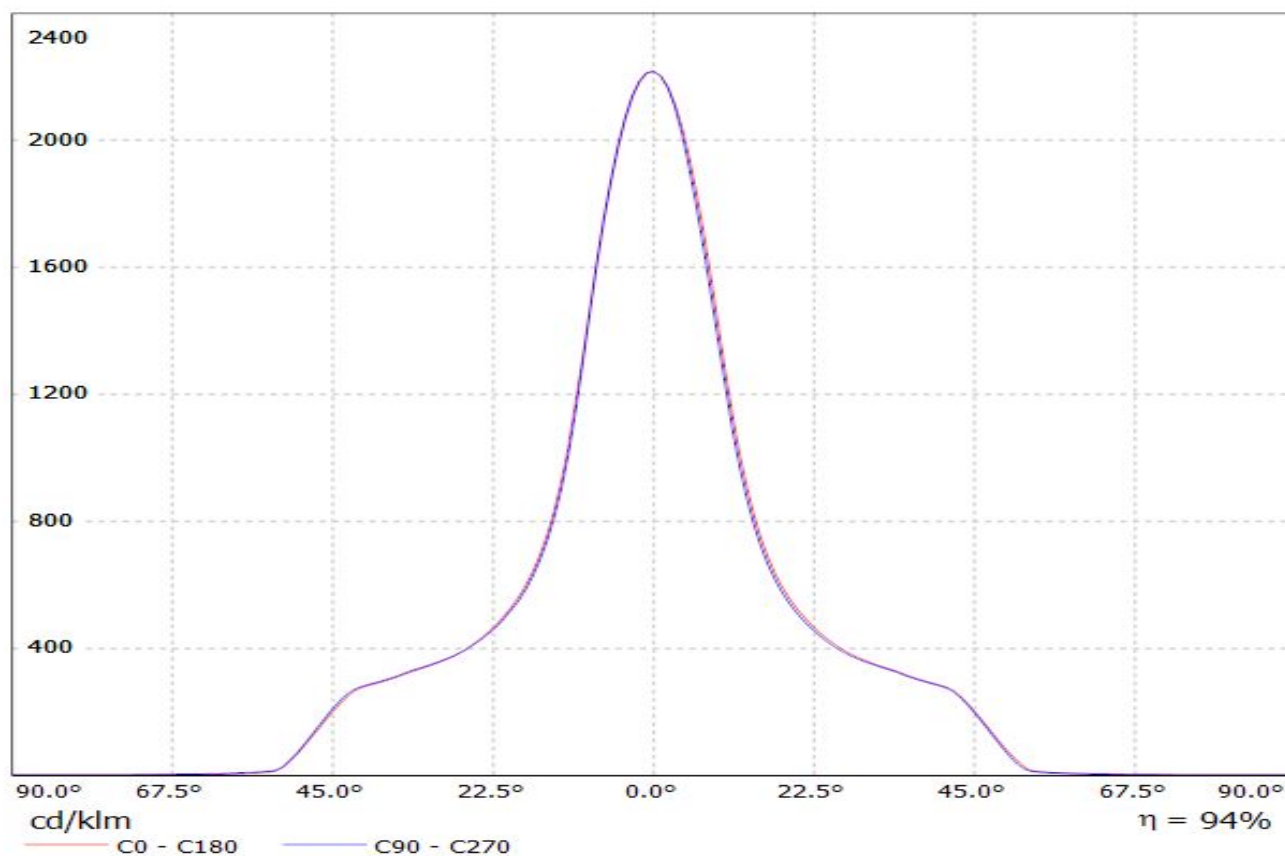


**LEDiL Oy F13325\_ANGELINA-S\_(SLE\_G3\_LES19) Eff.93.5% / LDC (Linear)**

Luminaire: LEDiL Oy F13325\_ANGELINA-S\_(SLE\_G3\_LES19) Eff.93.5%  
Lamps: 1 x TRIDONIC\_STARK\_SLE\_G3\_LES19\_(STARK-SLE-G3-LES19-2000-840-CLA)  
\_1058.33lm@250mA\_P=8.32833W\_I=249.8mA

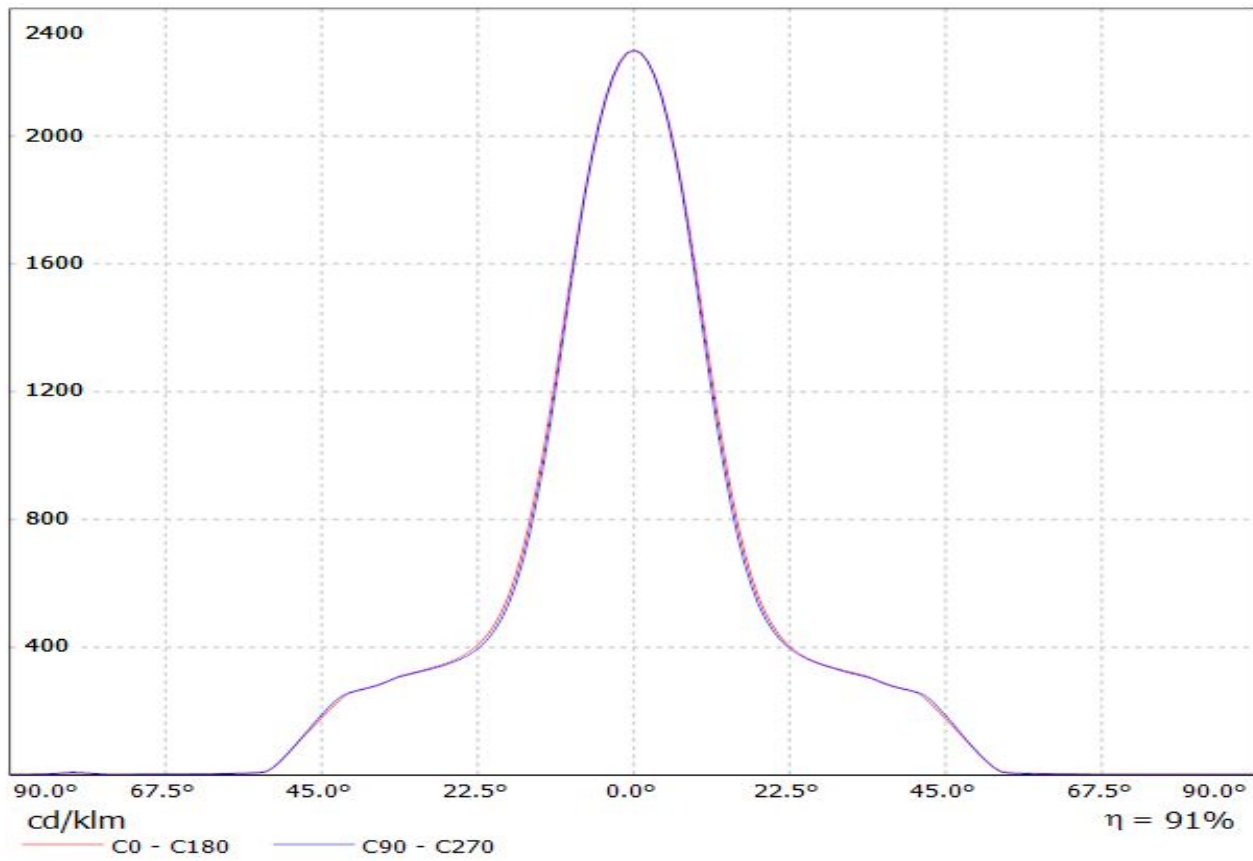


Luminaire: LEDiL Oy F13325\_ANGELINA-S\_(PrevaLED\_LES19) Eff.94%  
Lamps: 1 x OSRAM PrevaLED\_LES9\_(PL-CORE-1100-830-Z3)\_1333.47lm@250mA\_P=10.4584W\_I=249.8mA



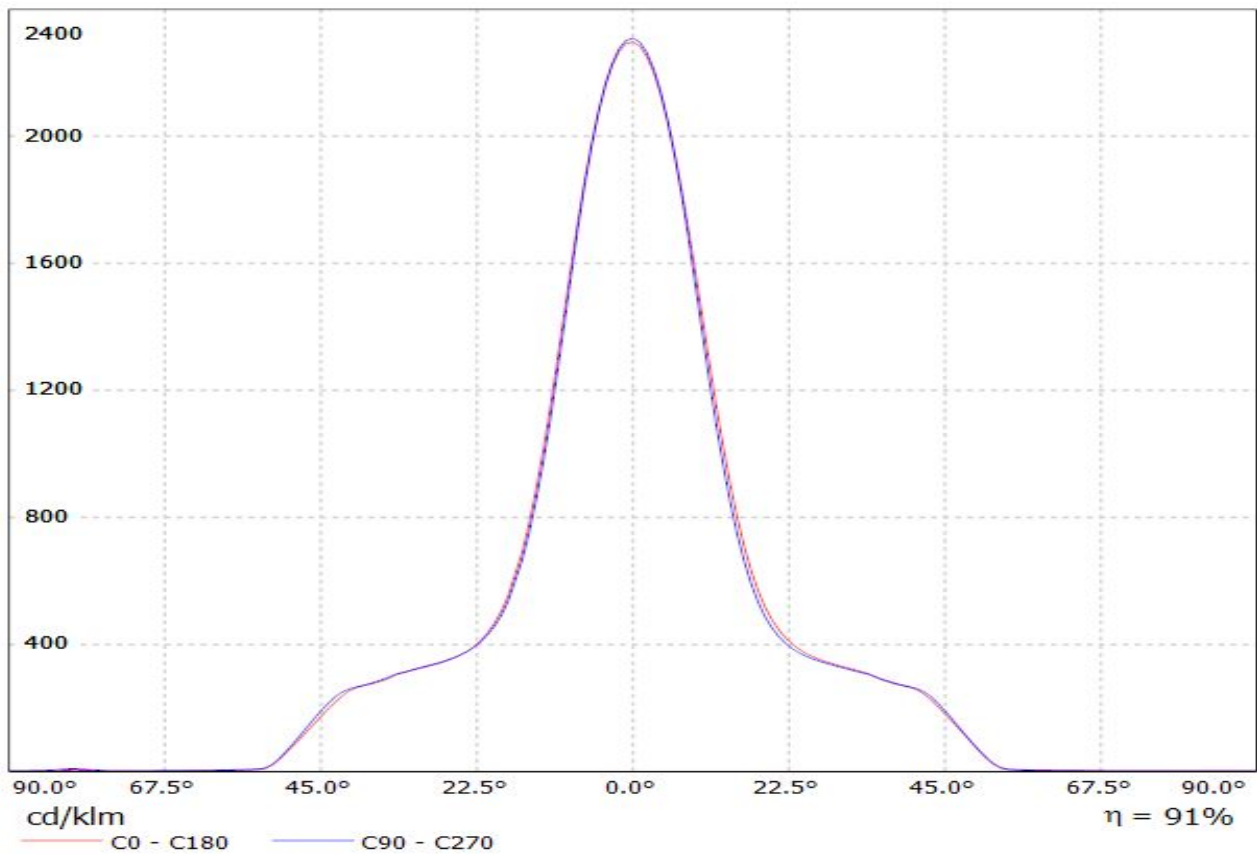
Luminaire: LEDiL Oy F13325\_ANGELINA-S\_(FORTIMO\_2000) Eff.90.7%

Lamps: 1 x PHILIPS Fortimo LED SLM 2000 23W/930 L19 G3 665.774lm@250mA CCT=3000K P=6W I=250mA

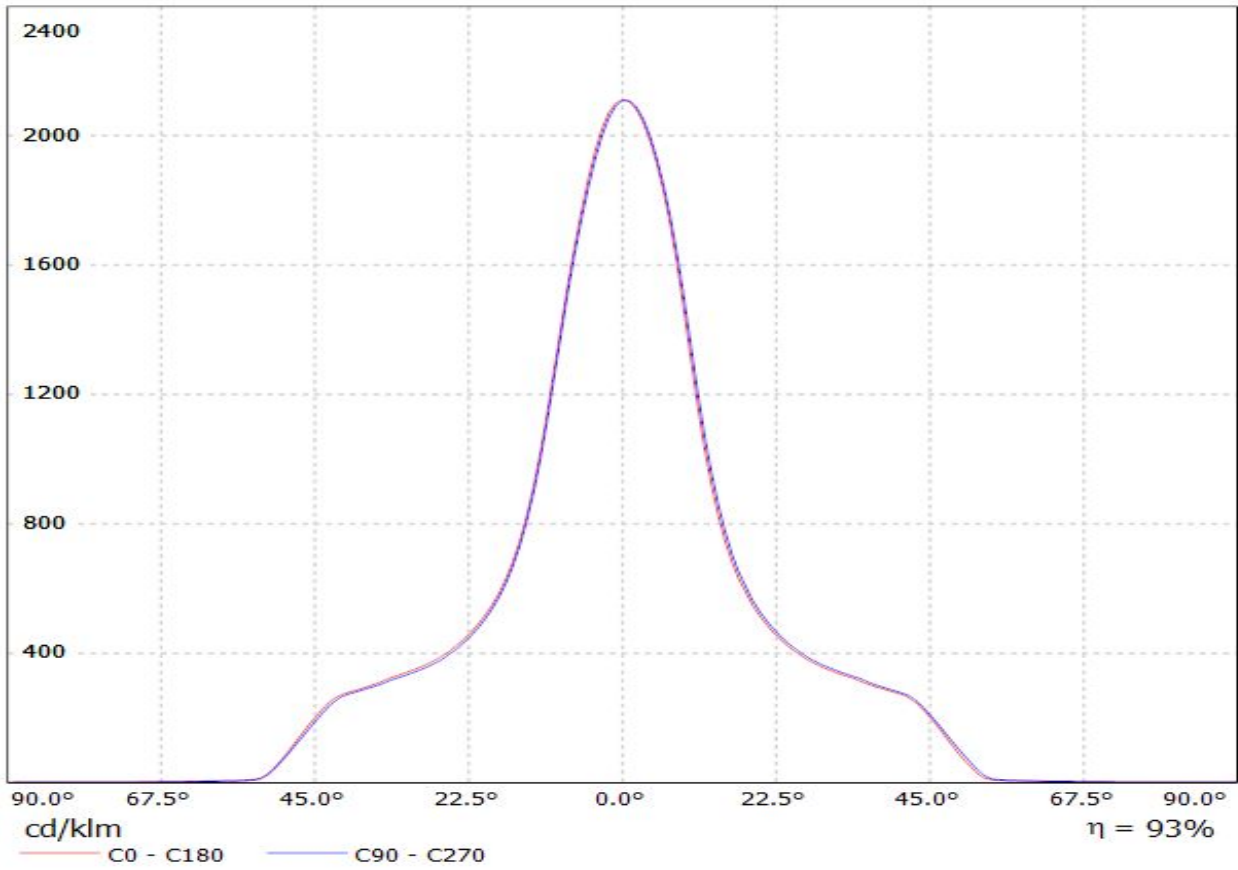




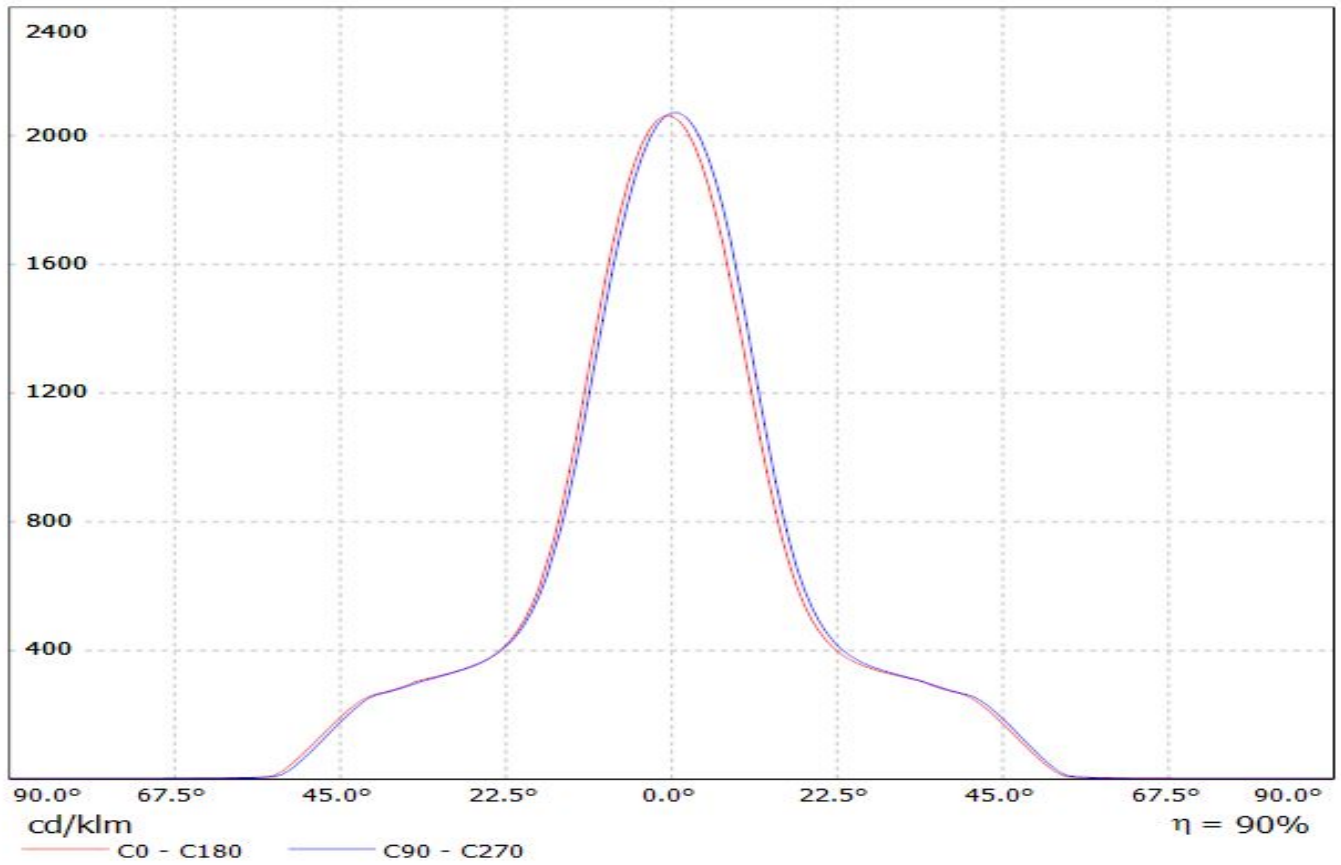
Luminaire: LEDiL Oy F13325\_ANGELINA-S\_(FORTIMO\_3000) Eff.90.9%  
Lamps: 1 x PHILIPS Fortimo LED SLM 3000 28W/830 L19 G3 1046.76lm@250mA CCT=3000K P=9W I=250mA



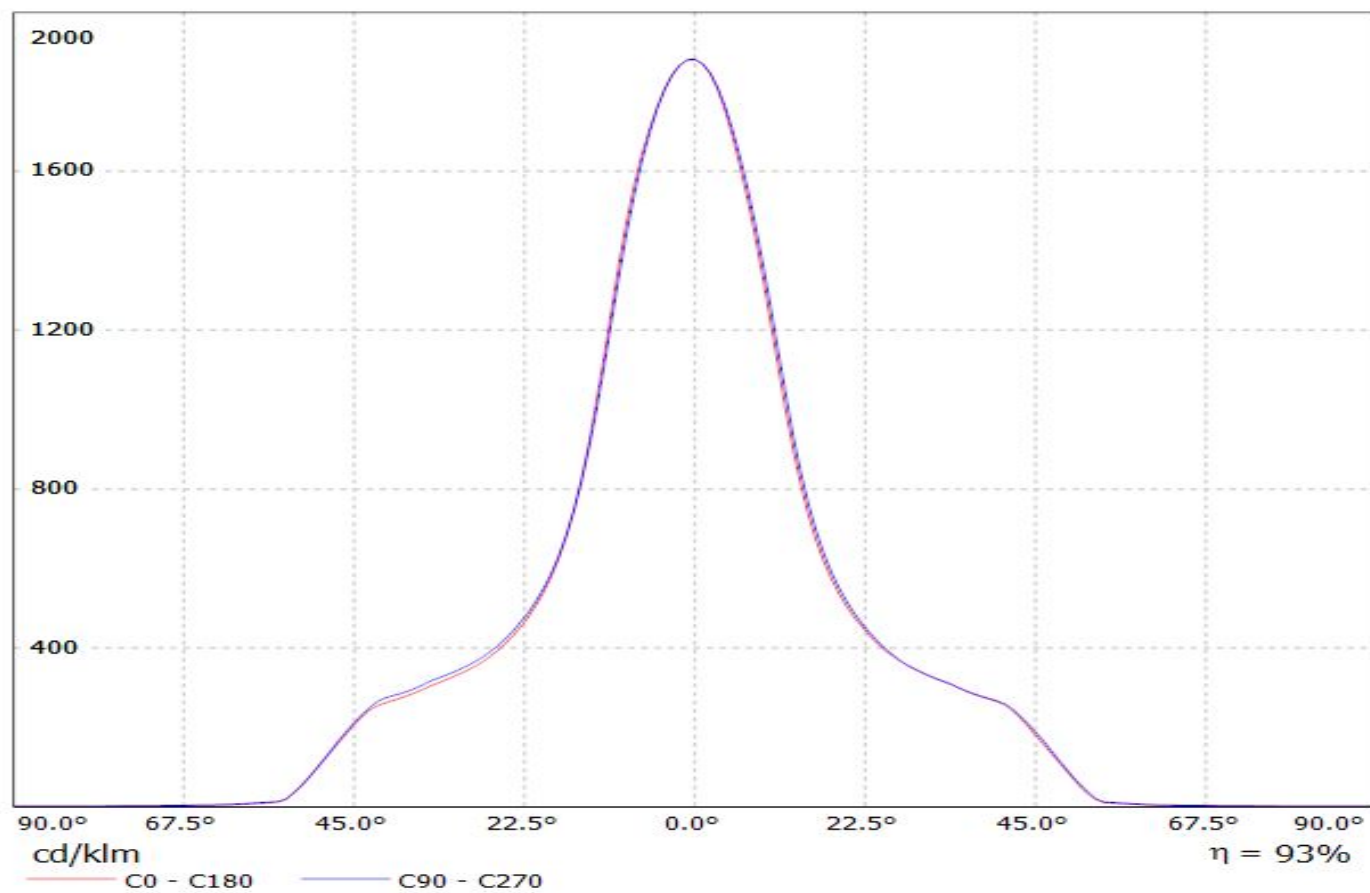
Luminaire: LEDiL Oy F13325\_ANGELINA-S\_(COB-LC026B) Eff.93.5%  
Lamps: 1 x SAMSUNG\_COB-LC026B\_(SPHWWTHDNC25YHV52F)\_1136.23lm@250mA\_P=8.23191W\_I=249.8mA



Luminaire: LEDiL Oy F13325\_ANGELINA-S\_(STARK\_SLE\_G2\_LES23) Eff.90.5%  
Lamps: 1 x TRIDONIC STARK SLE G2 LES23 830 CLA 982.731lm@250mA CCT=3000K P=8W I=250mA

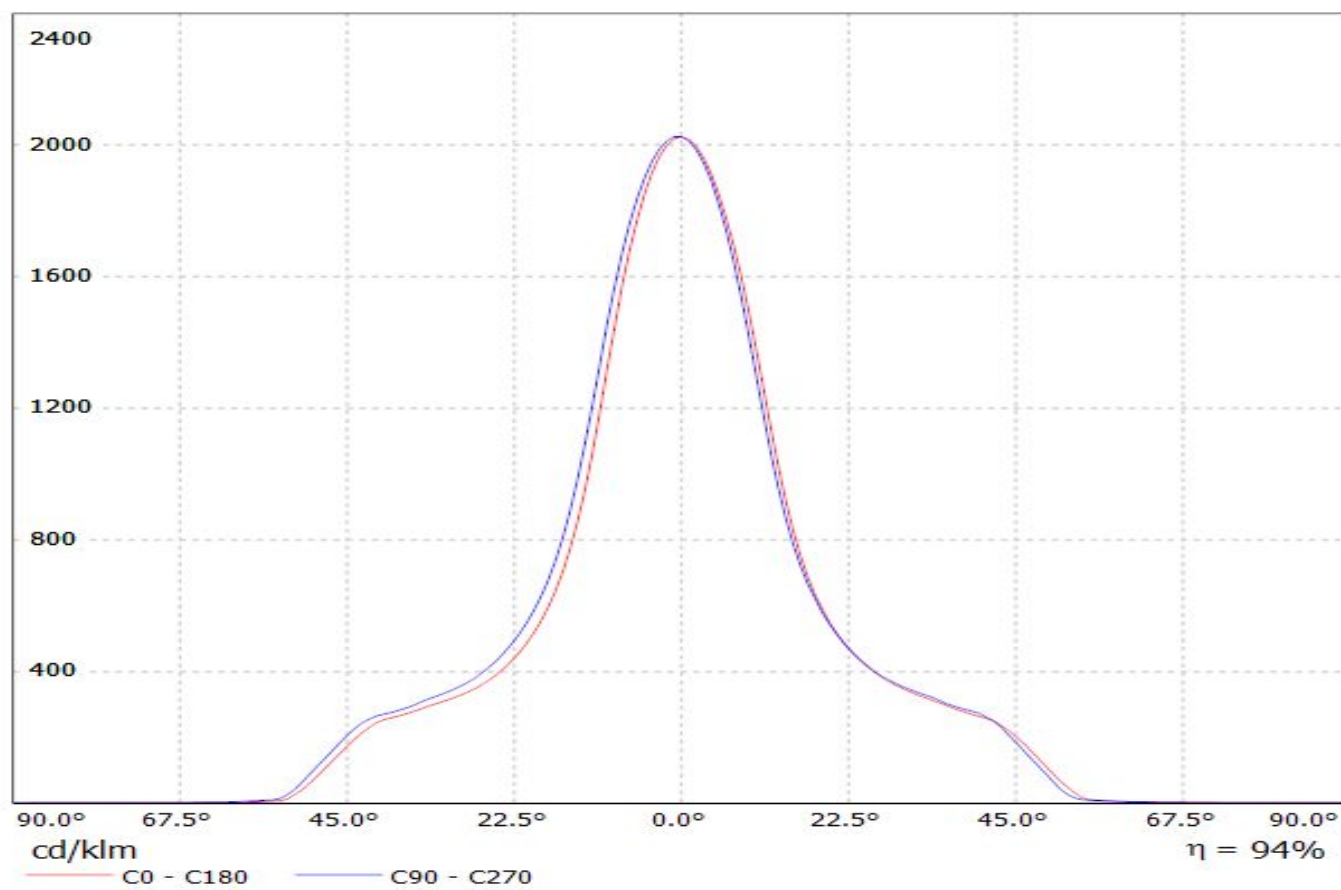


Luminaire: LEDiL Oy F13325\_ANGELINA-S\_(WU-M-486) Eff.93.3%  
Lamps: 1 x Vossloh\_Schwabe-WU-M-486\_(WU-M-486-830)  
\_1474.55lm@250mA\_P=10.4456W\_I=249.8mA



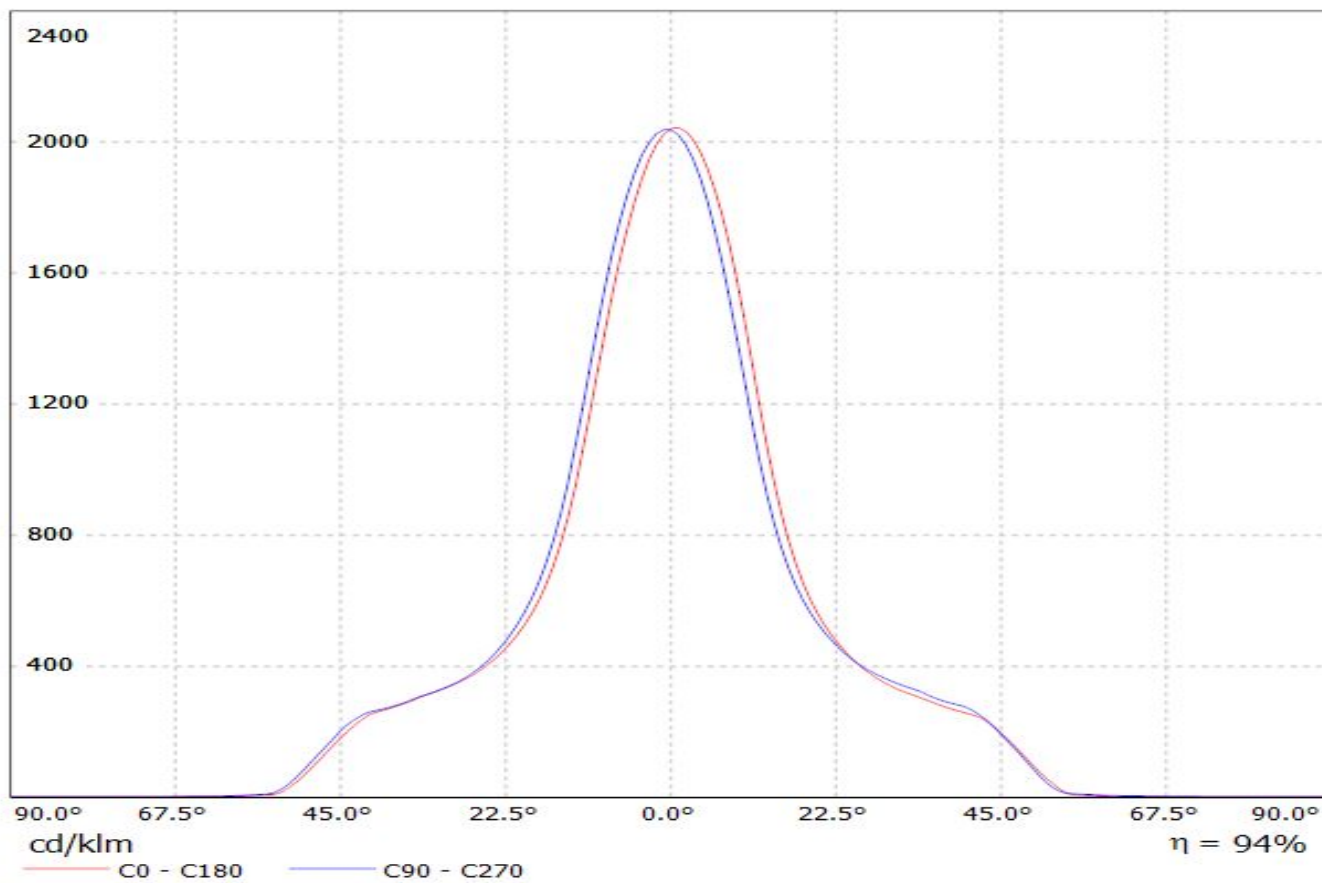
Luminaire: LEDiL Oy F13325\_ANGELINA-S\_(WU-M-462-827)

Lamps: 1 x Vossloh\_WU-M-462-827\_1116.7lm@250mA\_P=8.9943W\_I=249.8mA

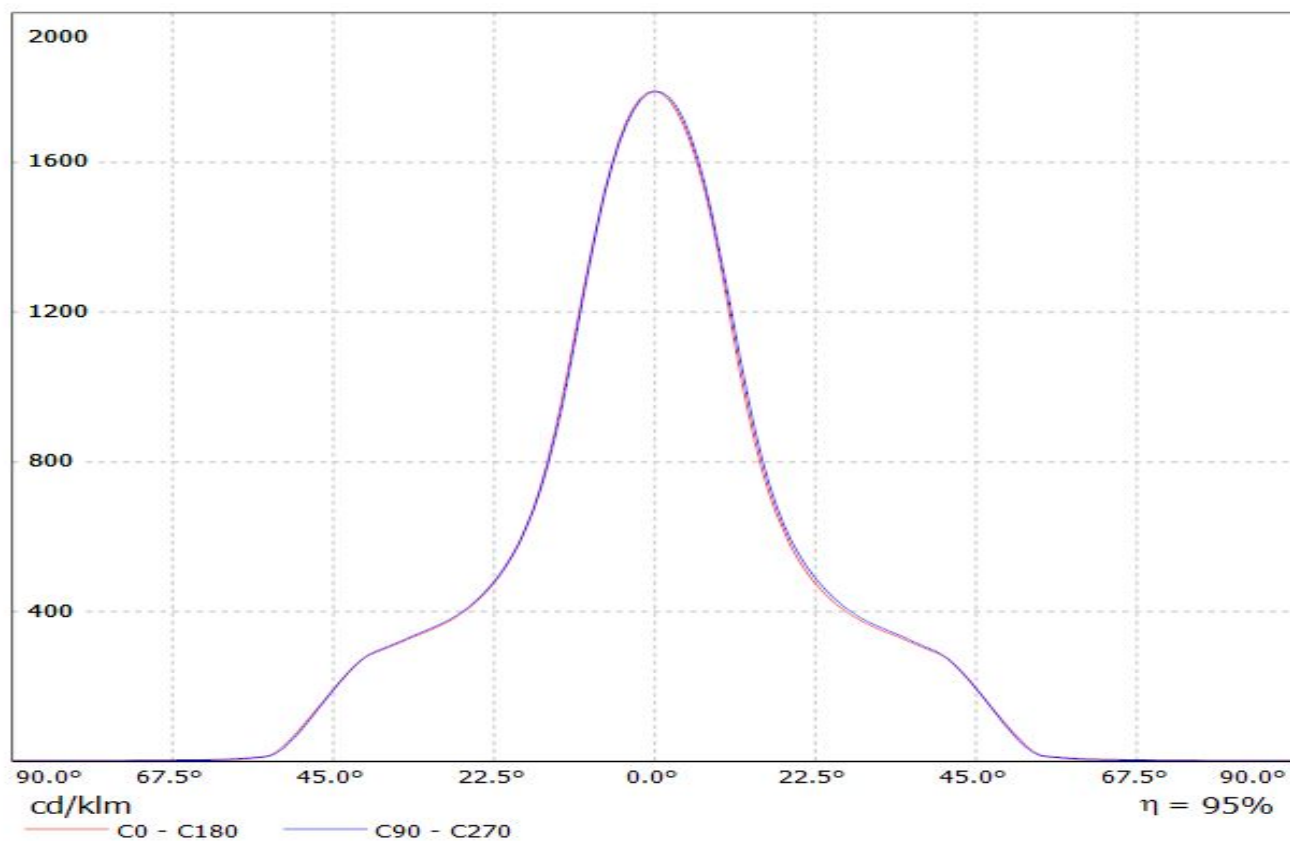


Luminaire: LEDiL Oy F13325\_ANGELINA-S\_(WU-M-464-827)

Lamps: 1 x Vossloh\_WU-M-464-827\_1452.93lm@250mA\_P=11.6939W\_I=249.8mA

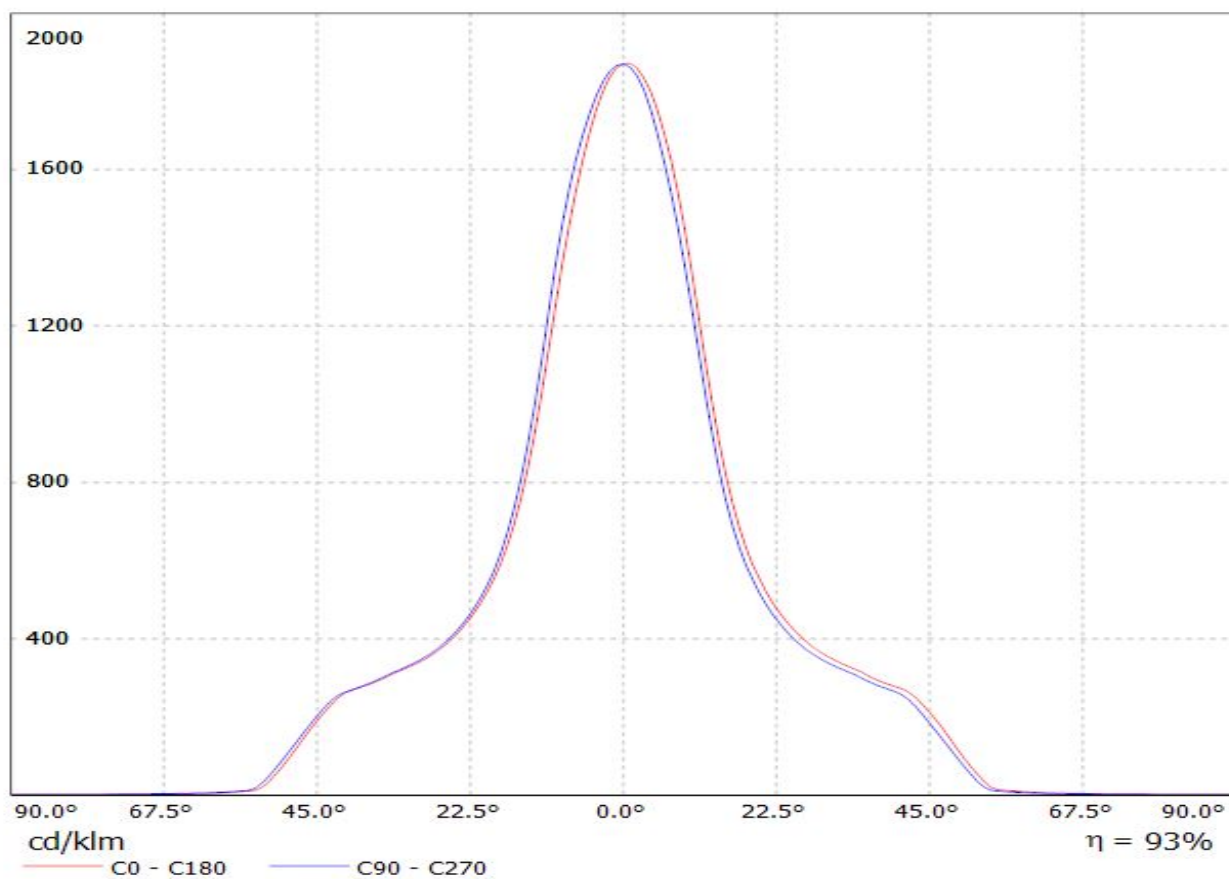


Luminaire: LEDiL Oy F13325\_ANGELINA-S\_(PrevaLED\_LES23) Eff. 94%  
Lamps: 1 x OSRAM PrevaLED\_LES23\_(PL-CORE-5000-930-Z3)\_1102.2lm@250mA\_P=9.93654W\_I=249.8mA



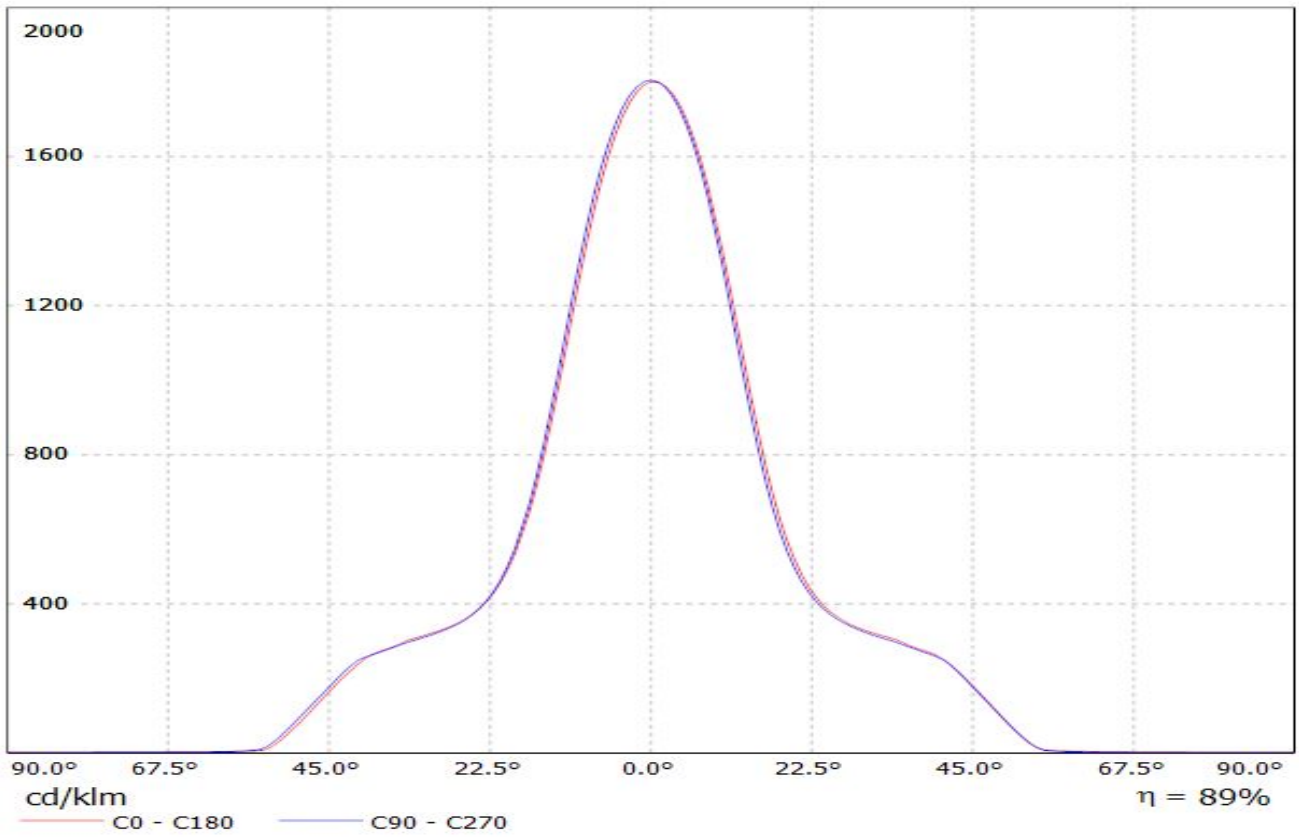
Luminaire: LEDiL Oy F13325\_ANGELINA-S\_(WU-M-485)

Lamps: 1 x Vossloh\_Schwabe-WU-M-485\_(WU-M-485-830)\_1209.62lm@250mA\_P=8.43849W\_I=249.8mA

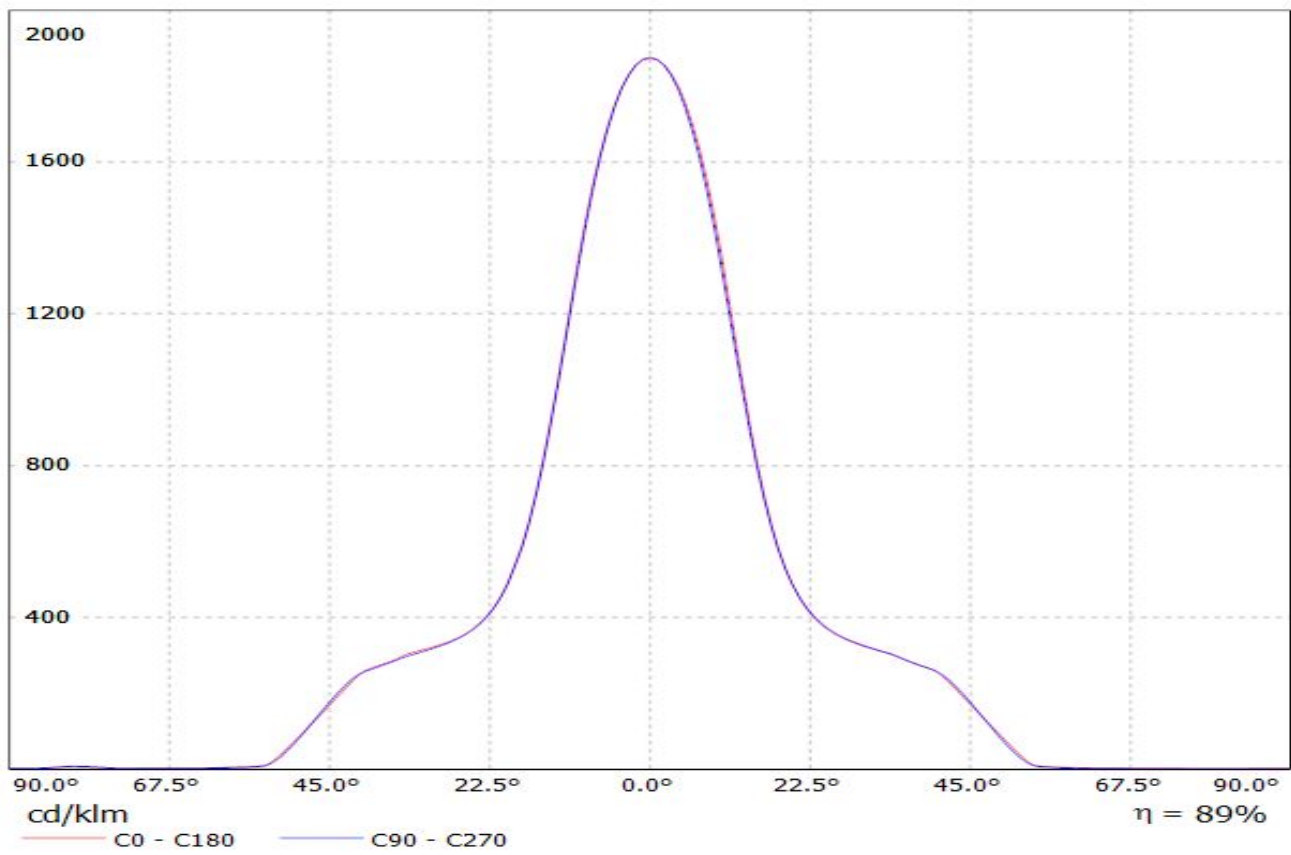




Luminaire: LEDiL Oy F13325\_ANGELINA-S\_(STARK\_SLE\_G2\_LES26) Eff.89.2%  
Lamps: 1 x TRIDONIC STARK SLE G2 LES26 830 CLA 1095.88lm@250mA CCT=3000K P=8W I=250mA

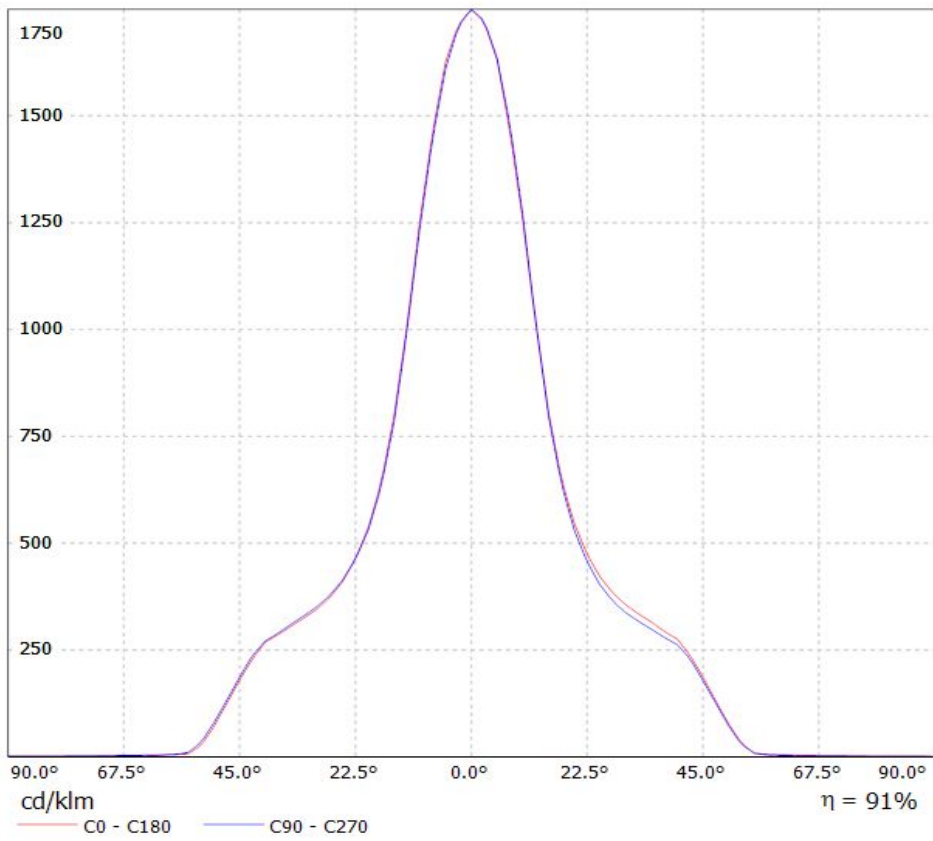


Luminaire: LEDiL Oy F13325\_ANGELINA-S\_(FORTIMO\_4500) Eff.89.2%  
Lamps: 1 x PHILIPS Fortimo 4500 1197lm@250mA I:250mA P:10.8W

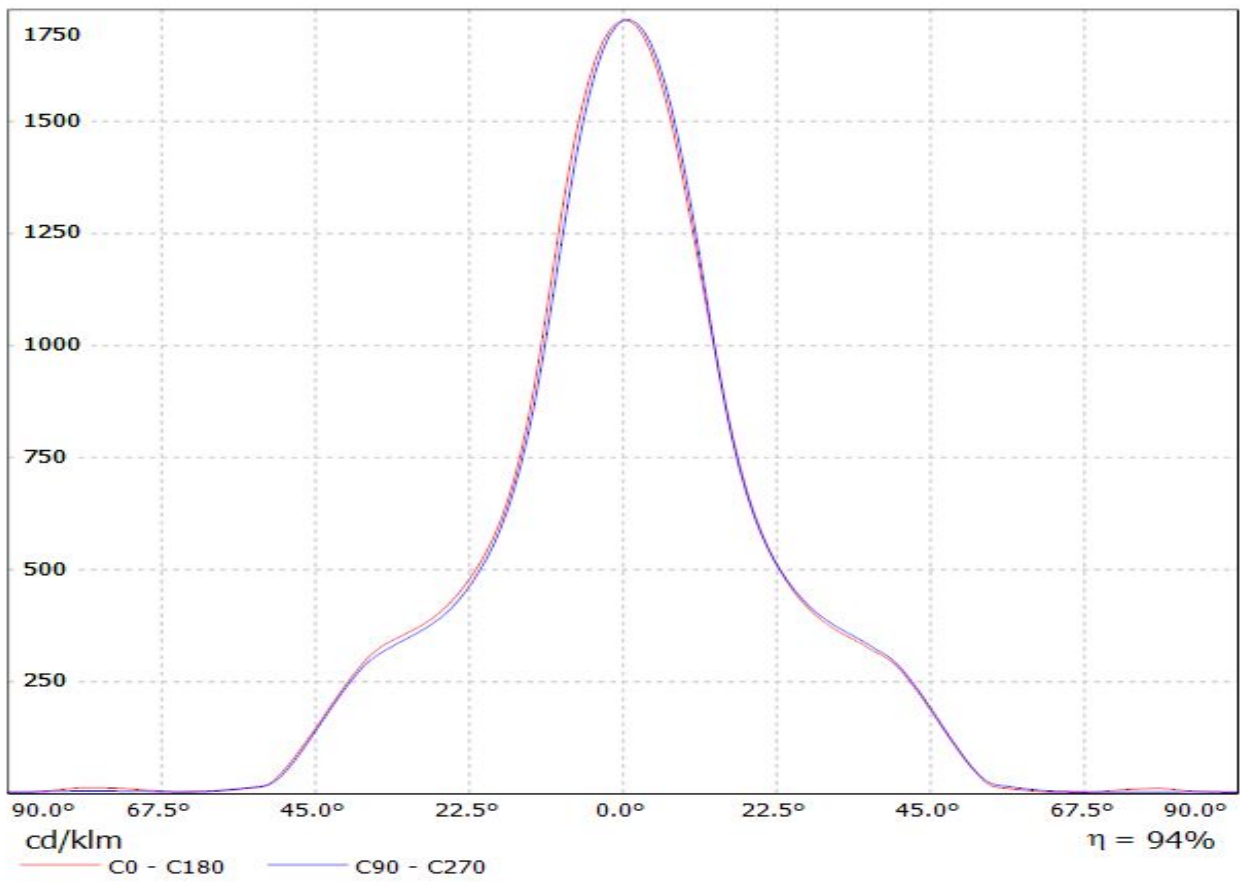


Luminaire: LEDiL Oy F13325\_ANGELINA-S\_(SLE\_G3\_LES23) Eff.91.2%

Lamps: 1 x TRIDONIC\_STARK\_SLE\_G3\_LES23\_(STARK-SLE-PURE\_G3-23-3000-930-SEL)\_813.196lm@250mA\_CCT=3000K\_P=8.20018W\_I=249.8mA

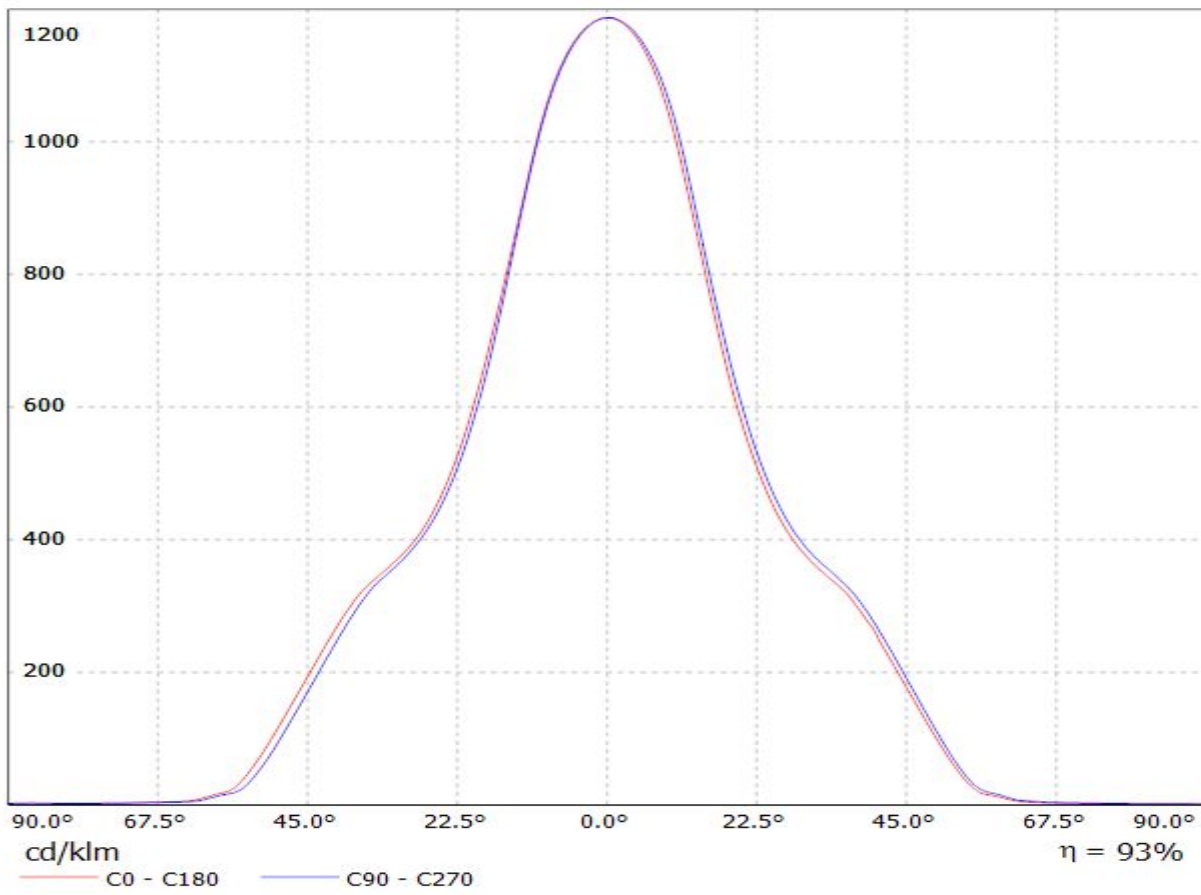


Luminaire: LEDiL Oy F13325\_ANGELINA-S\_(CXA30) Eff.94%  
Lamps: 1 x CREE\_CXA30\_(CXA3050-3C0-Y2-N0H)\_1340.66lm@250mA\_P=8.16471W\_CCT=5000K\_I=249.8mA



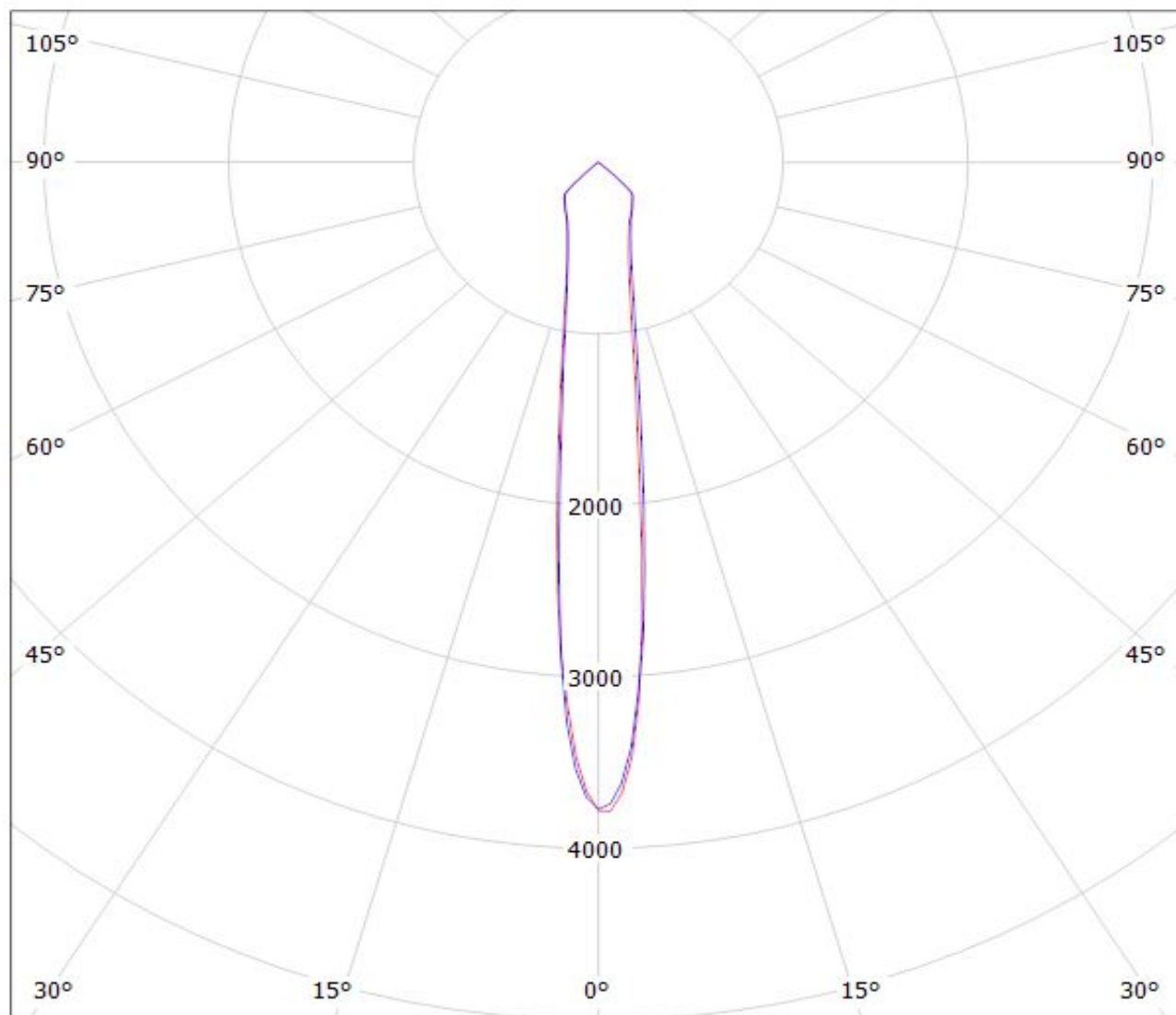
Luminaire: LEDiL Oy F13325\_ANGELINA-S\_(CXA3590)

Lamps: 1 x CREE\_CXA3590\_(CXA3590-30F-BD-R0H-0002)\_2640.14lm@250mA\_CCT=3000K\_P=16.3941W\_I=249.8mA



Luminaire: LEDiL Oy F13325\_ANGELINA-S\_(PrevaLED\_LES9) Eff. 94%

Lamps: 1 x PrevaLED\_LES9\_(PL-CORE-1100-830-Z3)\_507.9lm@100mA\_P=4.5039W\_I=100.1mA



cd/klm

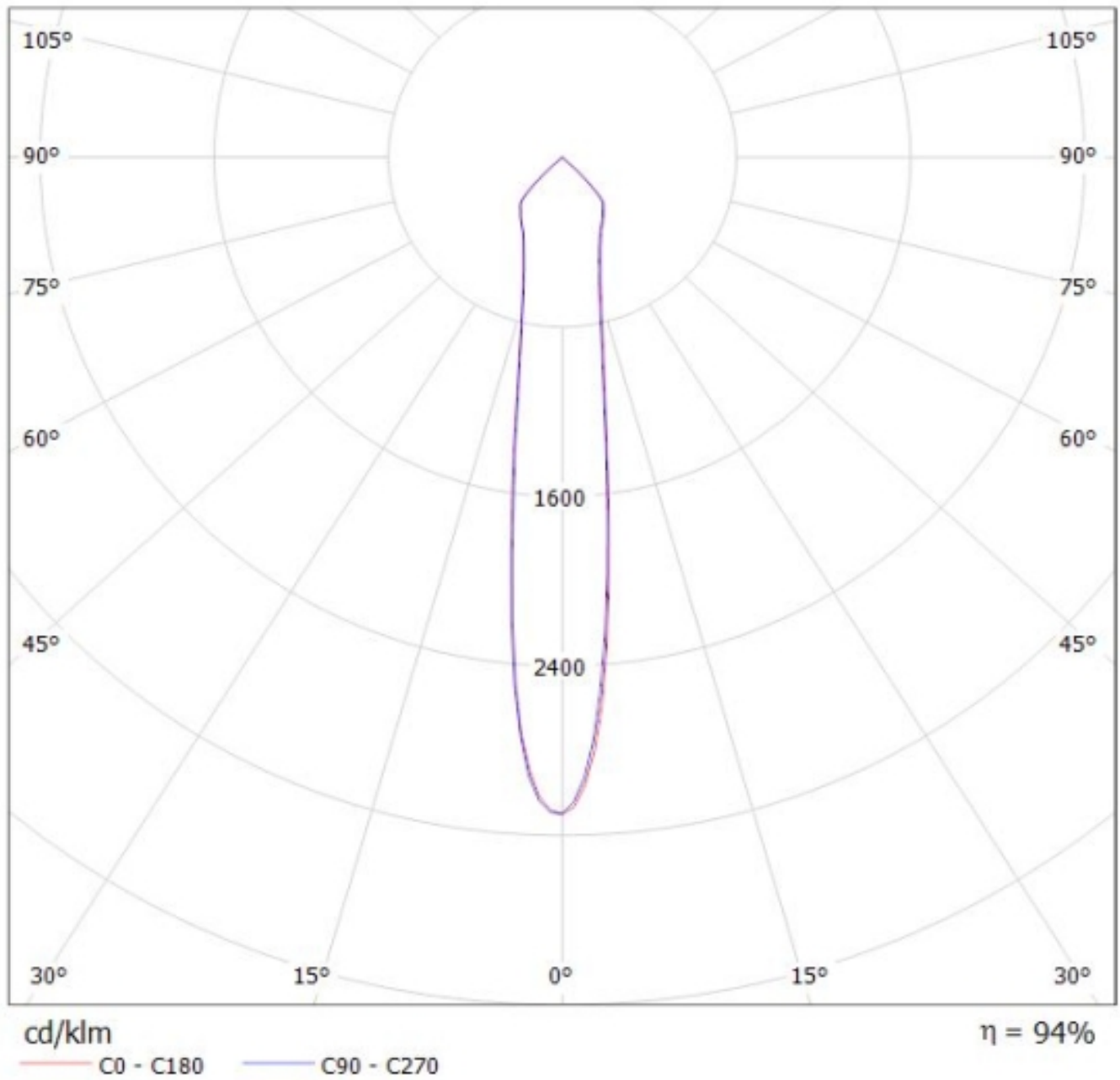
— C0 - C180

— C90 - C270

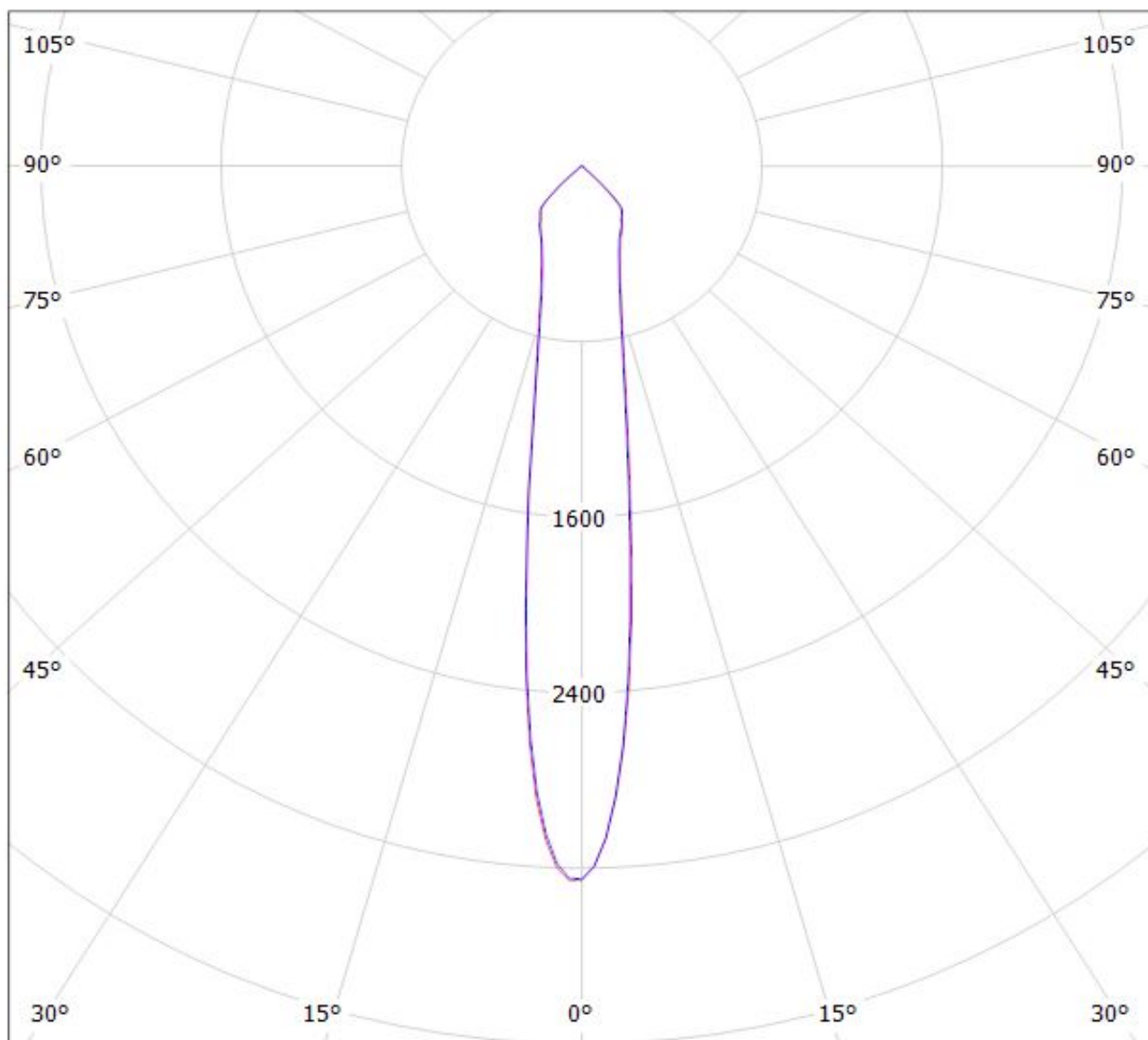
$\eta = 94\%$

Luminaire: LEDiL Oy F13325\_ANGELINA-S\_(LEP-800-827-C-AC)

Lamps: 1 x OSRAM PrevaLED Core AC (LEP-800-827-C-AC) 910lm@60mA U:230V P:14W



Luminaire: LEDiL Oy F13325\_ANGELINA-S\_(CXA1816) Eff. 94%  
Lamps: 1 x CREE\_CXA1816\_1050lm@250mA\_P=8.65157W\_I=249.9mA



cd/klm

— C0 - C180

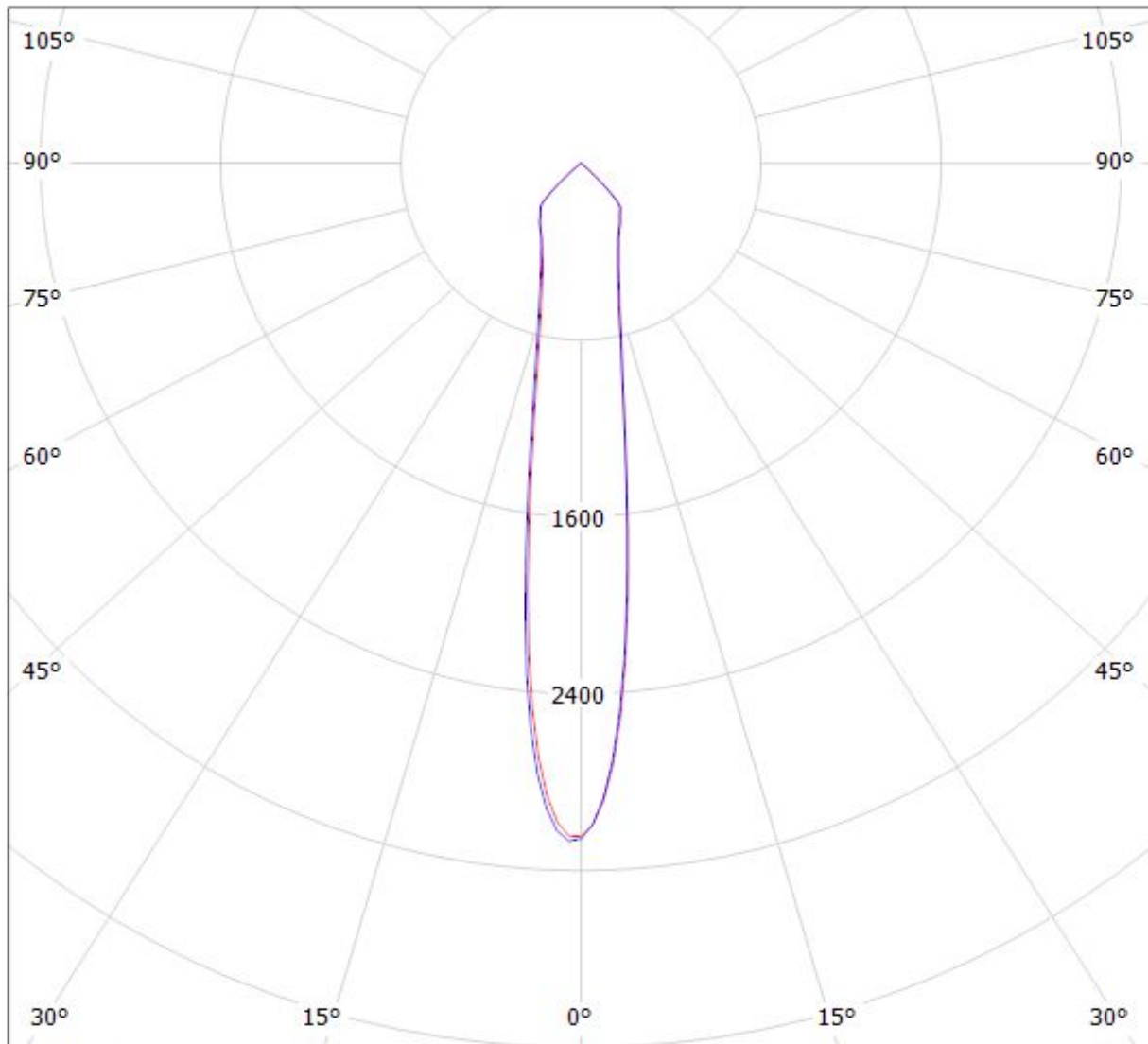
— C90 - C270

$\eta = 94\%$



Luminaire: LEDiL Oy F13325\_ANGELINA-S\_(NSBxL121A) Eff.91.2%

Lamps: 1 x NICHIA\_NSBxL121A\_(NSBLL121AE)\_805.561lm@250mA\_CCT=3000K\_P=7.3681W\_I=249.8mA



cd/klm

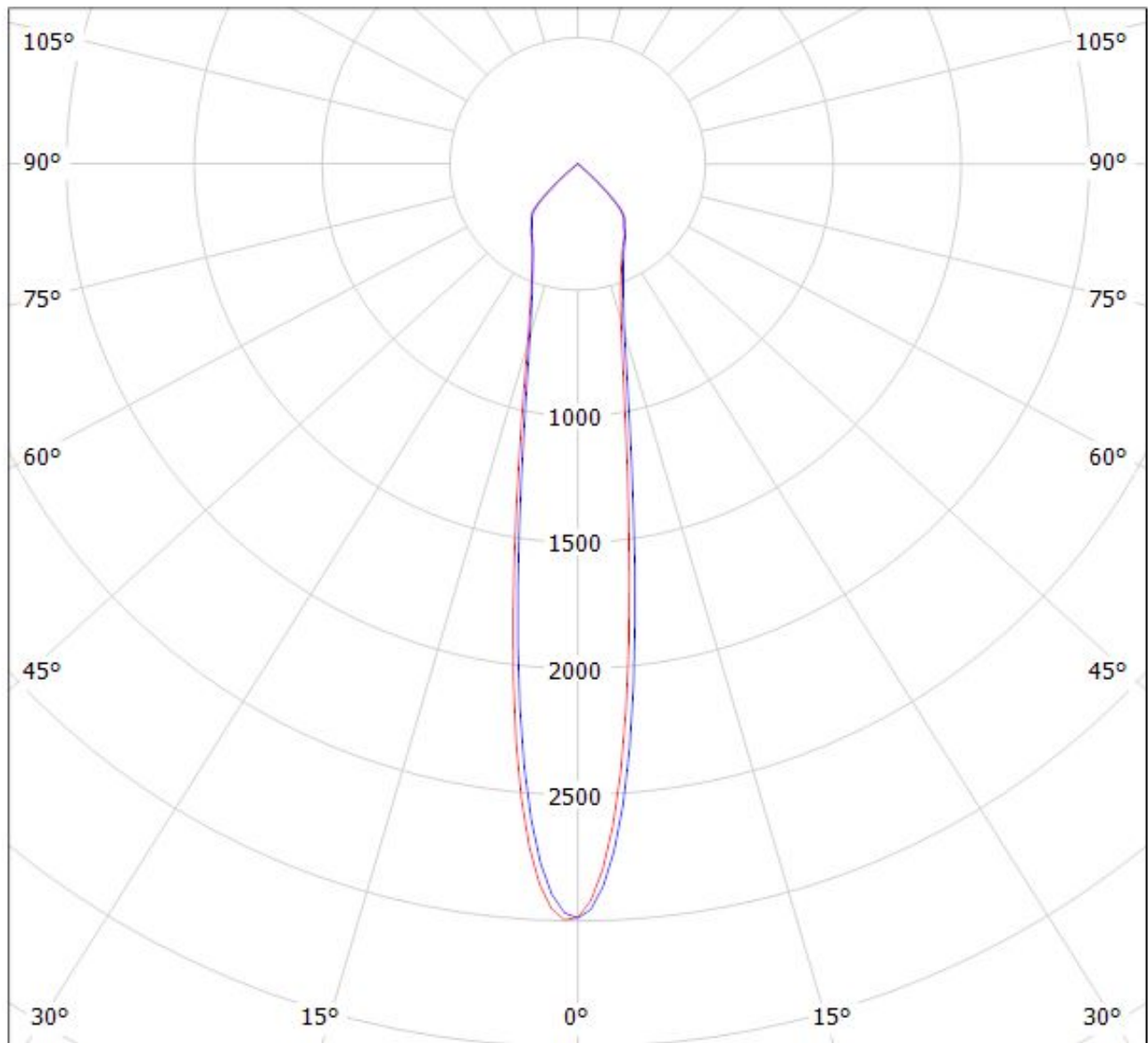
— C0 - C180

— C90 - C270

$\eta = 91\%$

Luminaire: LEDiL Oy F13325\_ANGELINA-S\_(BXRA\_ES) Eff.93.8%

Lamps: 1 x BXRA\_ES\_(BXRA-W1203\_102820-3110)\_281.549lm@250mA\_P=4.09397W\_I=249.8mA



cd/klm

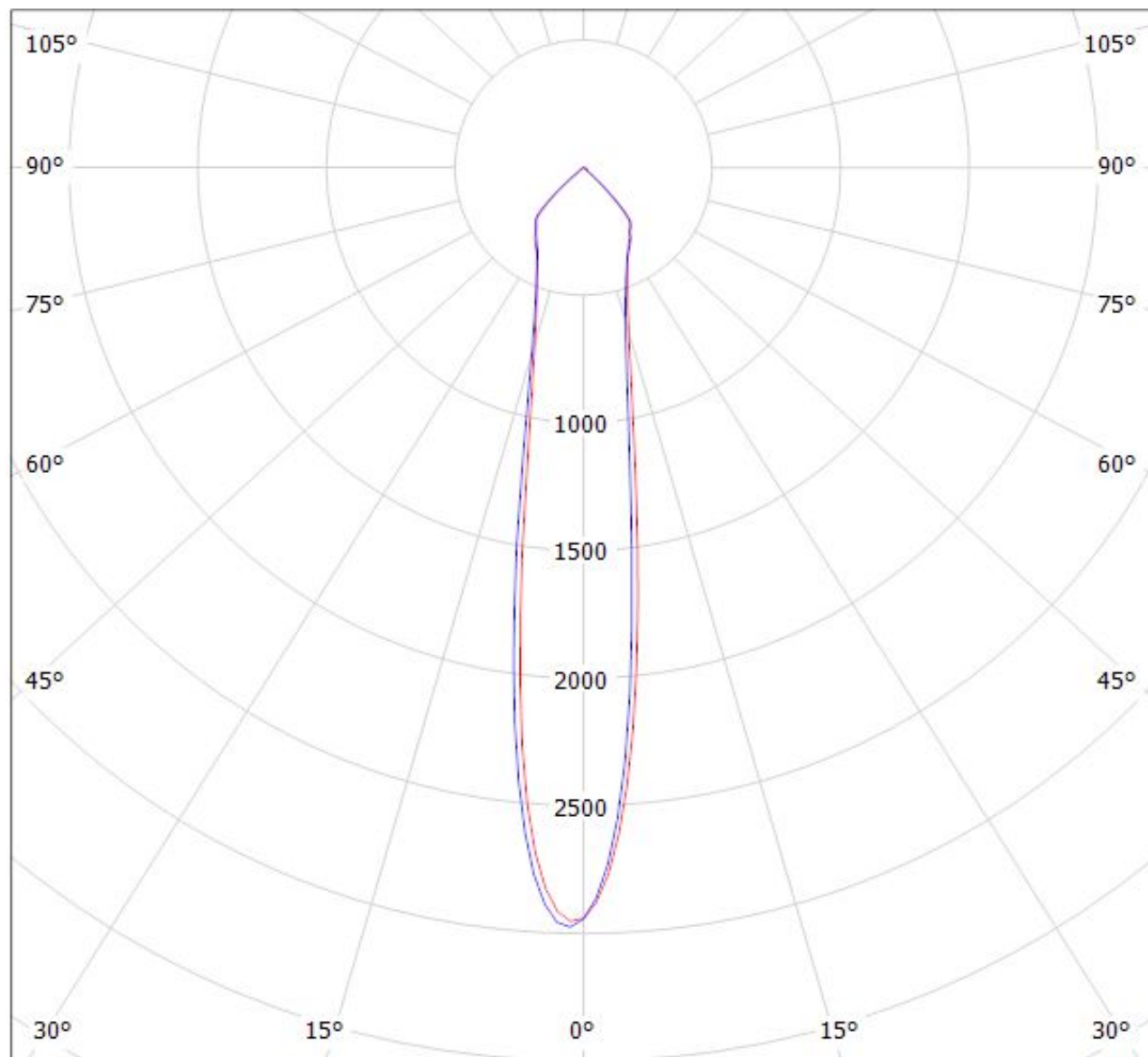
— C0 - C180

— C90 - C270

$\eta = 94\%$

Luminaire: LEDiL Oy F13325\_ANGELINA-S\_(LUXEON\_COB\_1205) Eff.93.8%

Lamps: 1 x LUXEON\_COB\_1205\_(LHC1-3080-1205)\_1084.49lm@250mA\_CCT=3000K\_P=8.31784W\_I=249.8mA



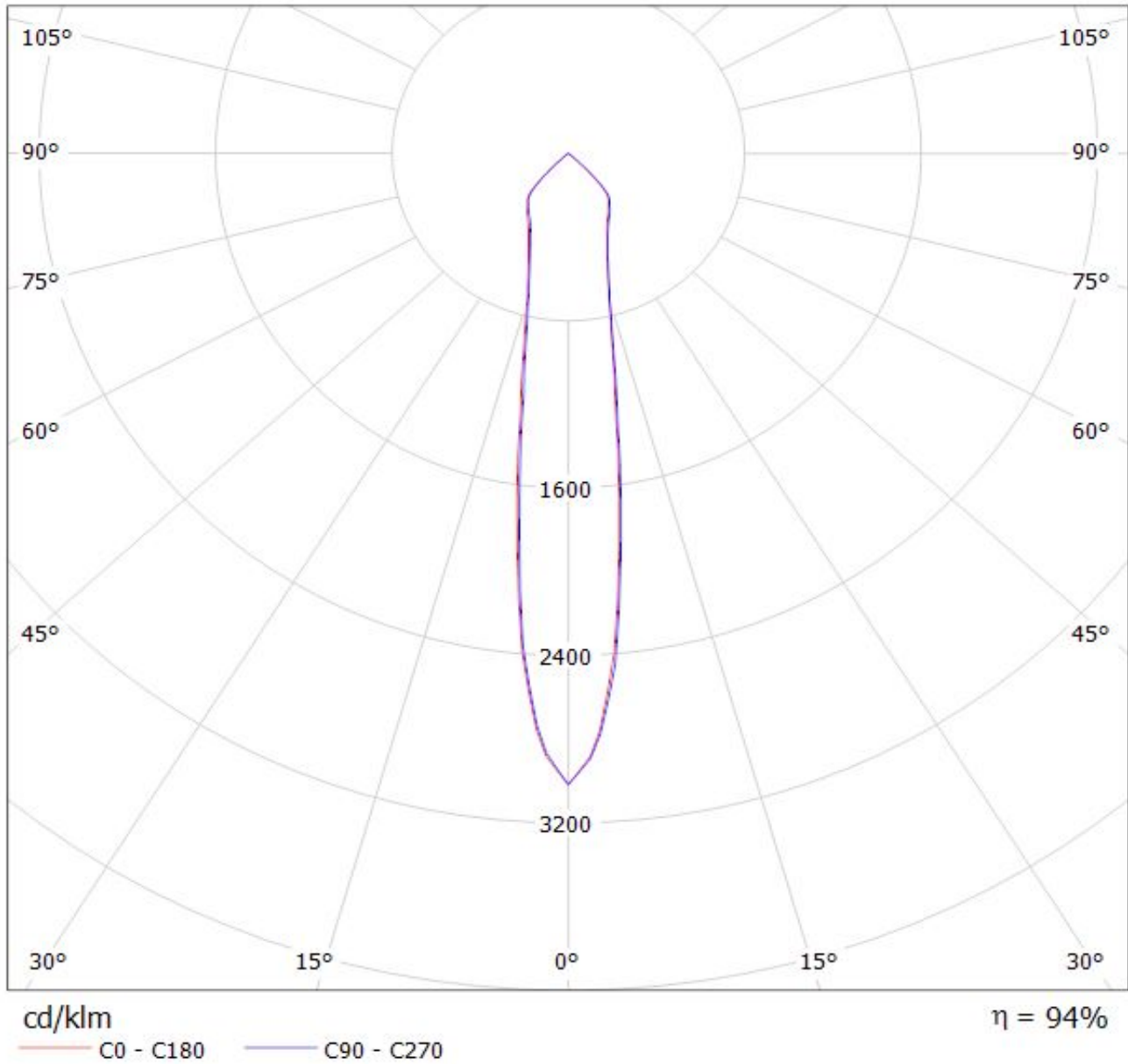
cd/klm

— C0 - C180

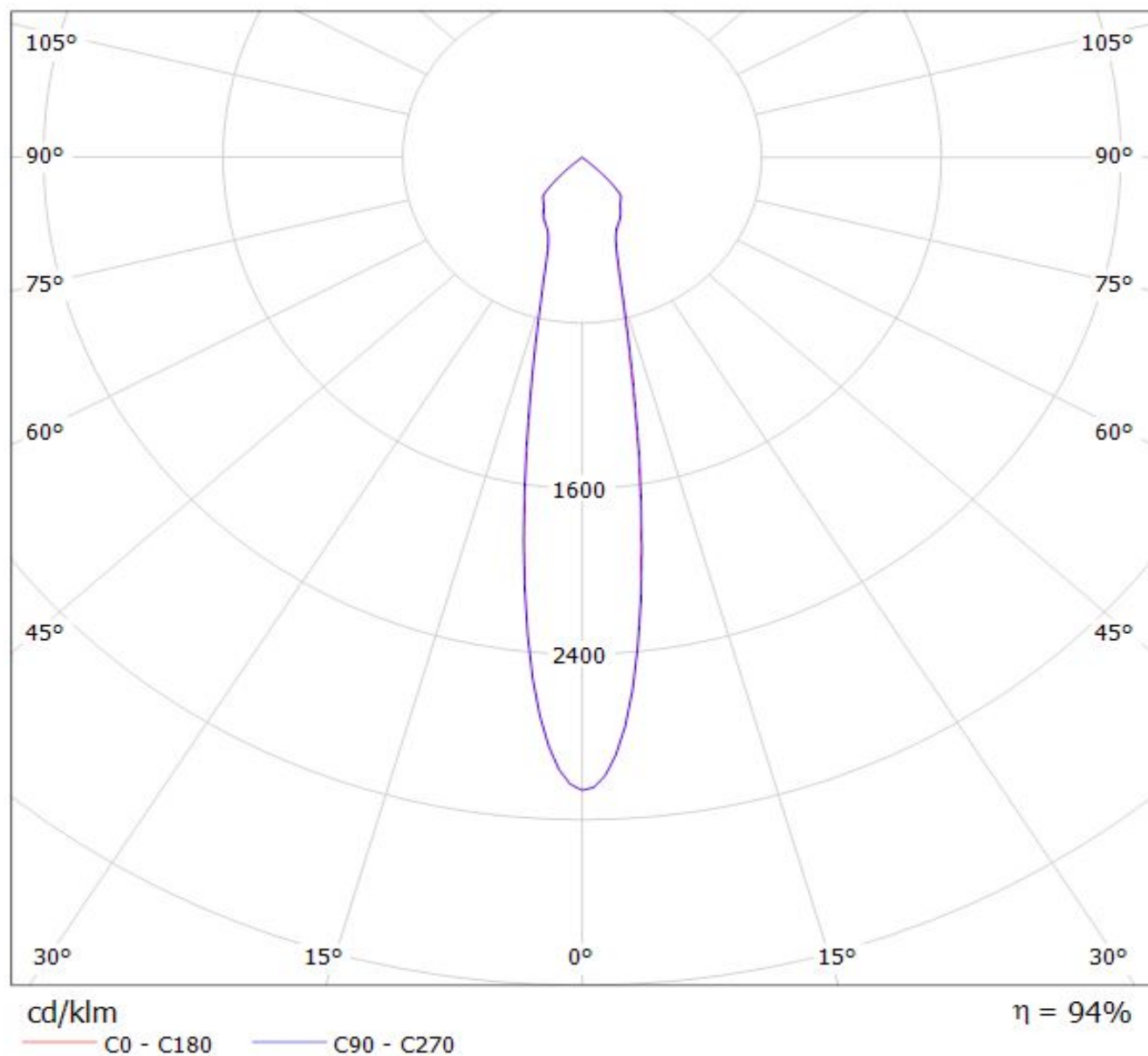
— C90 - C270

$\eta = 94\%$

Luminaire: LEDiL Oy F13325\_ANGELINA-S\_(LG\_COB-10W) Eff.93.9%  
Lamps: 1 x LG\_COB-10W\_1024lm@250mA\_CCT=5090K\_P=9W\_I=250mA

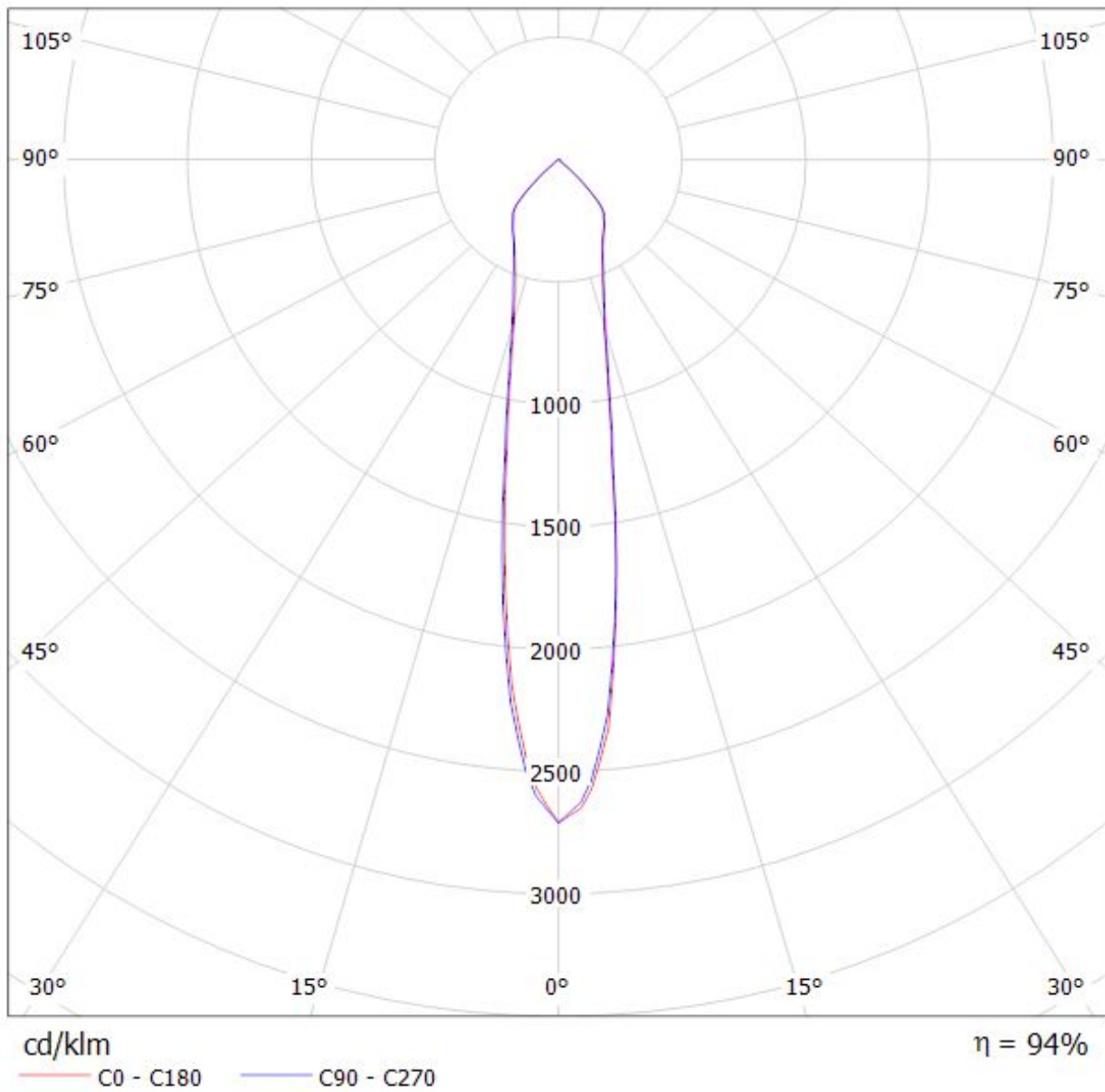


Luminaire: LEDiL Oy F13325\_ANGELINA-S\_(LUXEON CoB 1205) Eff: 94 %  
Lamps: 1 x LUXEON CoB 1205 (LHC1-3080-1205) 1082lm@250mA CCT=3000K P=8.3W I=250mA



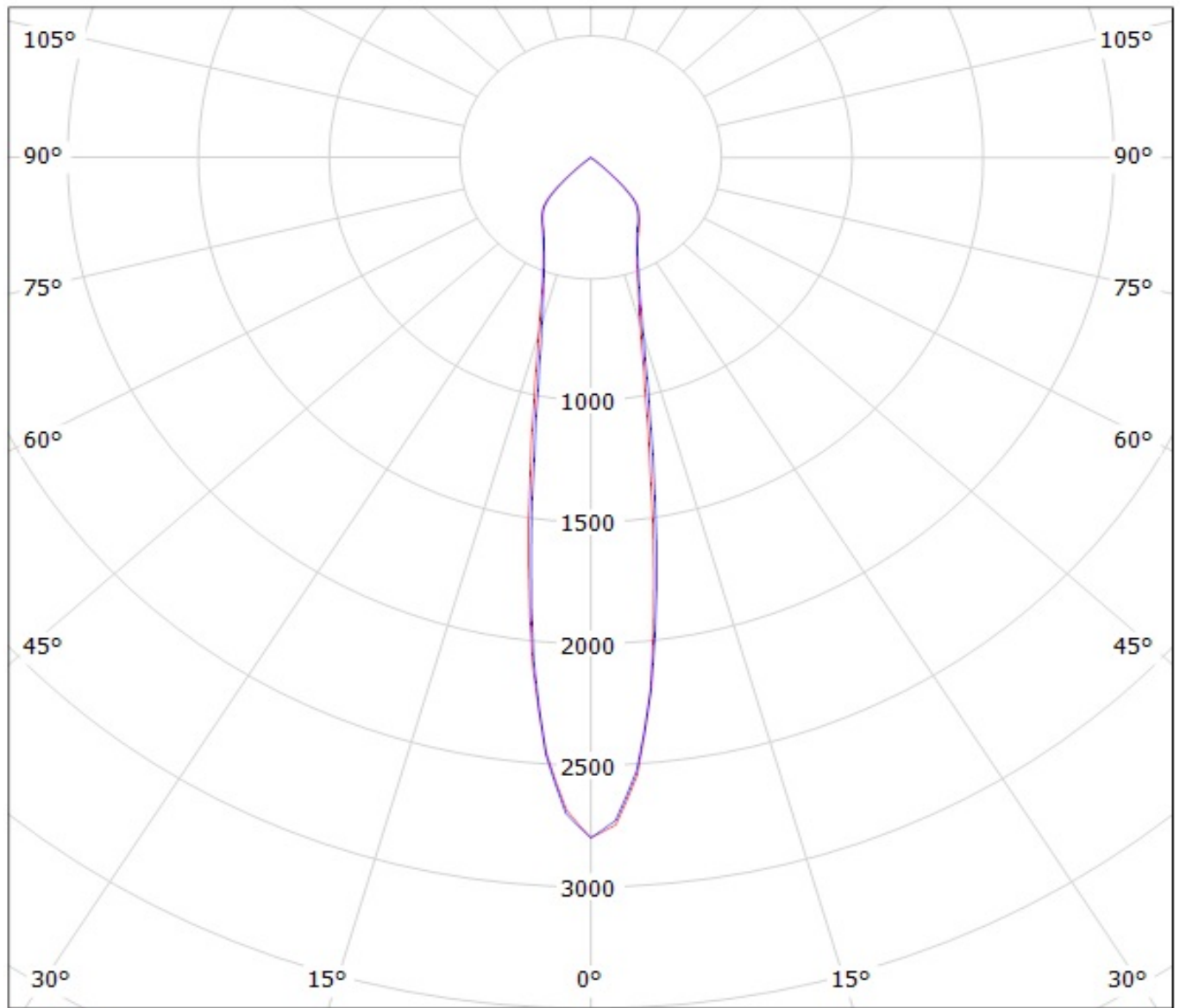
Luminaire: LEDiL Oy F13325\_ANGELINA-S\_(CLL030) Eff.93.6%

Lamps: 1 x CITIZEN\_CLL030\_(CLL030-1205A5-303H1A7)\_758.588lm@250mA\_CCT=5090K\_P=8.61086W\_I=249.8mA



Luminaire: LEDil OY F13325\_ANGELINA-S\_(Soleriq\_S13) Efficiency=94%

Lamps: 1 x Osram Soleriq S13 (GW KAGHB1.EM) 855lm @ 250mA CCT=3100K P=7.5W I=250mA



cd/klm

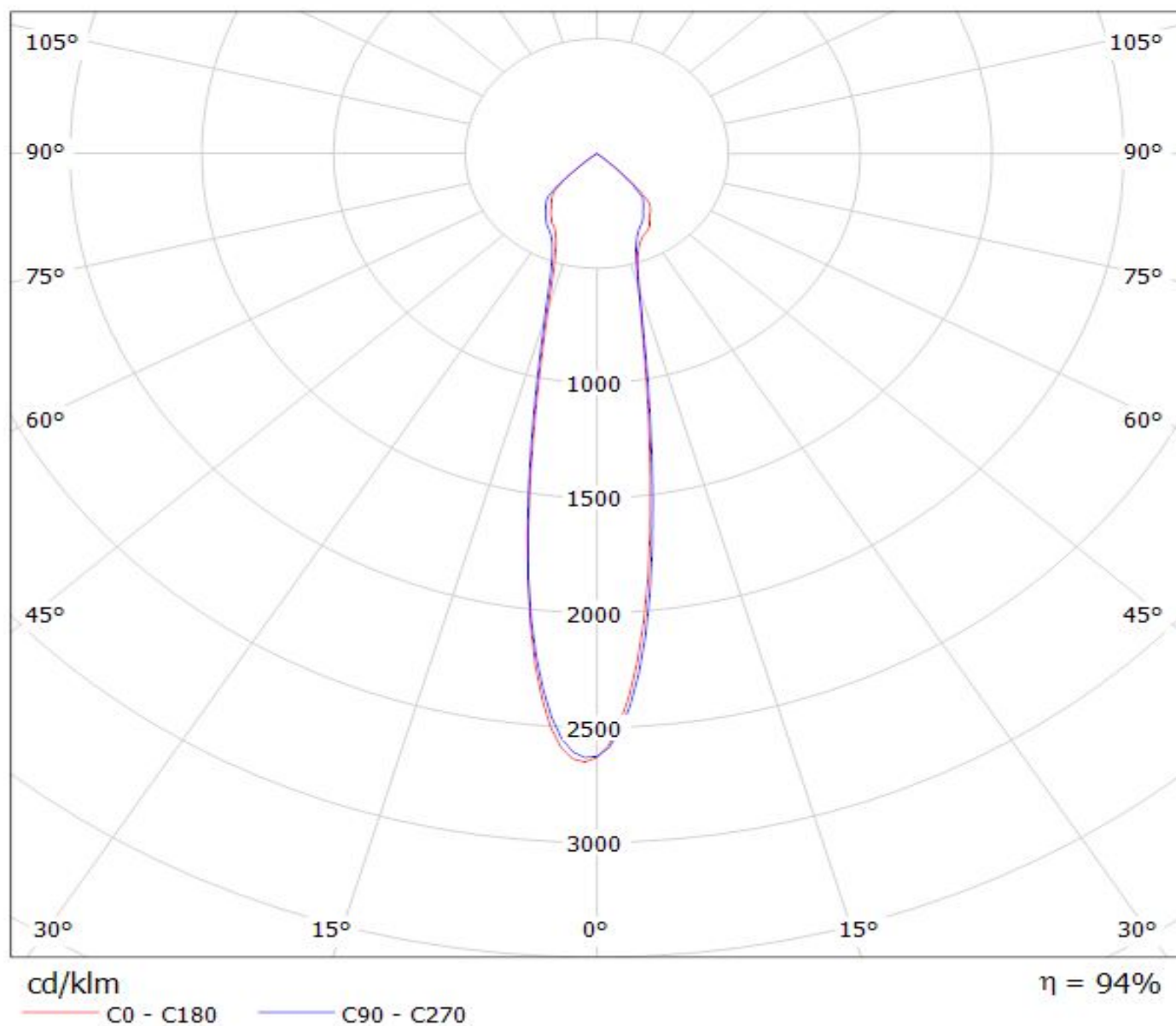
— C0 - C180

— C90 - C270

# LEDiL Oy C13325\_ANGELINA-S\_(LUXEON\_K12) Eff.94.3% / LDC (Polar)

Luminaire: LEDiL Oy C13325\_ANGELINA-S\_(LUXEON\_K12) Eff.94.3%

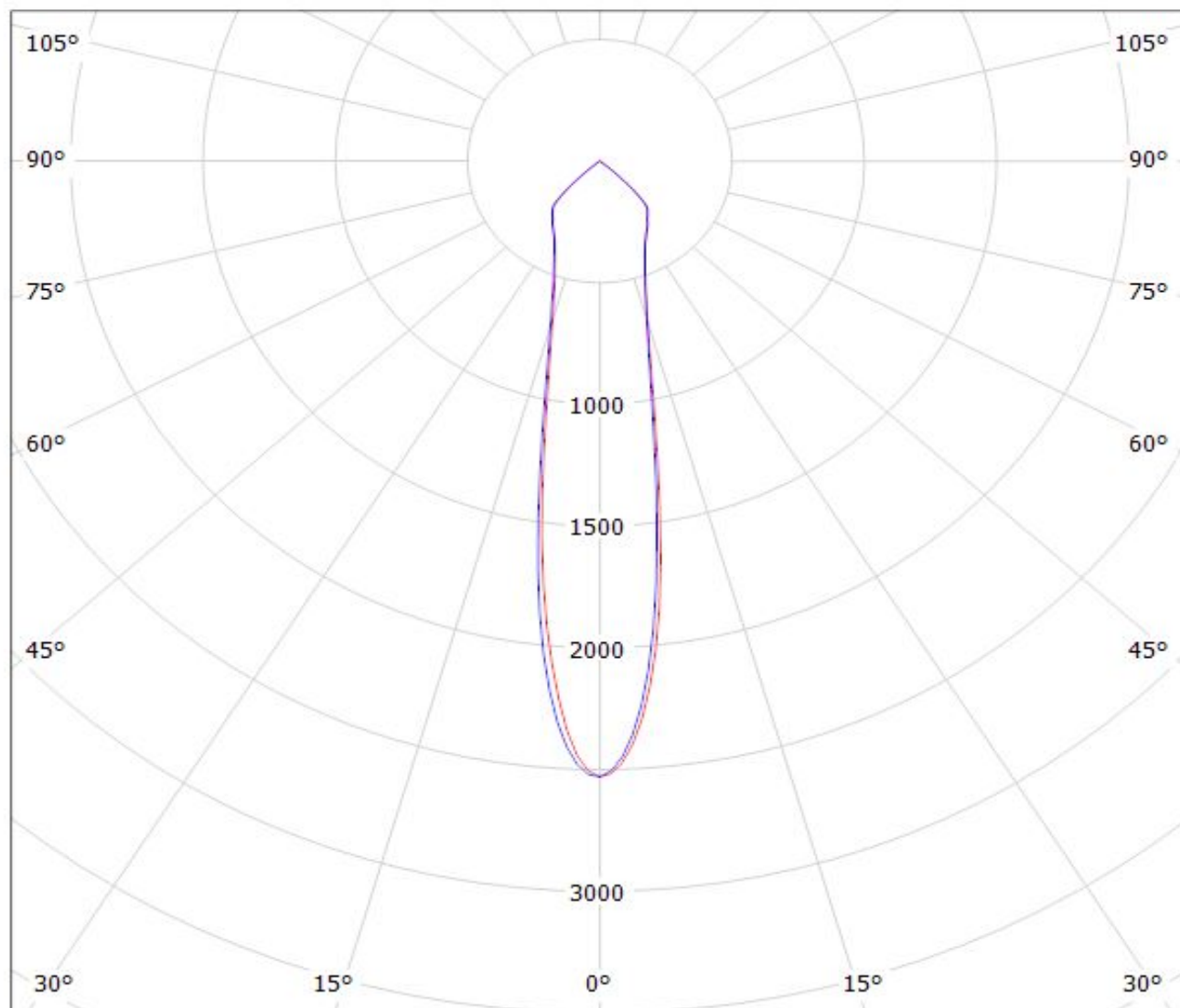
Lamps: 1 x LUXEON\_K12 (929.543lm@250mA)





Luminaire: LEDiL Oy F13325\_ANGELINA-S\_(CXM-14)

Lamps: 1 x LUMINUS\_CXM-14\_1114.36lm@250mA\_P=8.36106W\_I=249.8mA



cd/klm

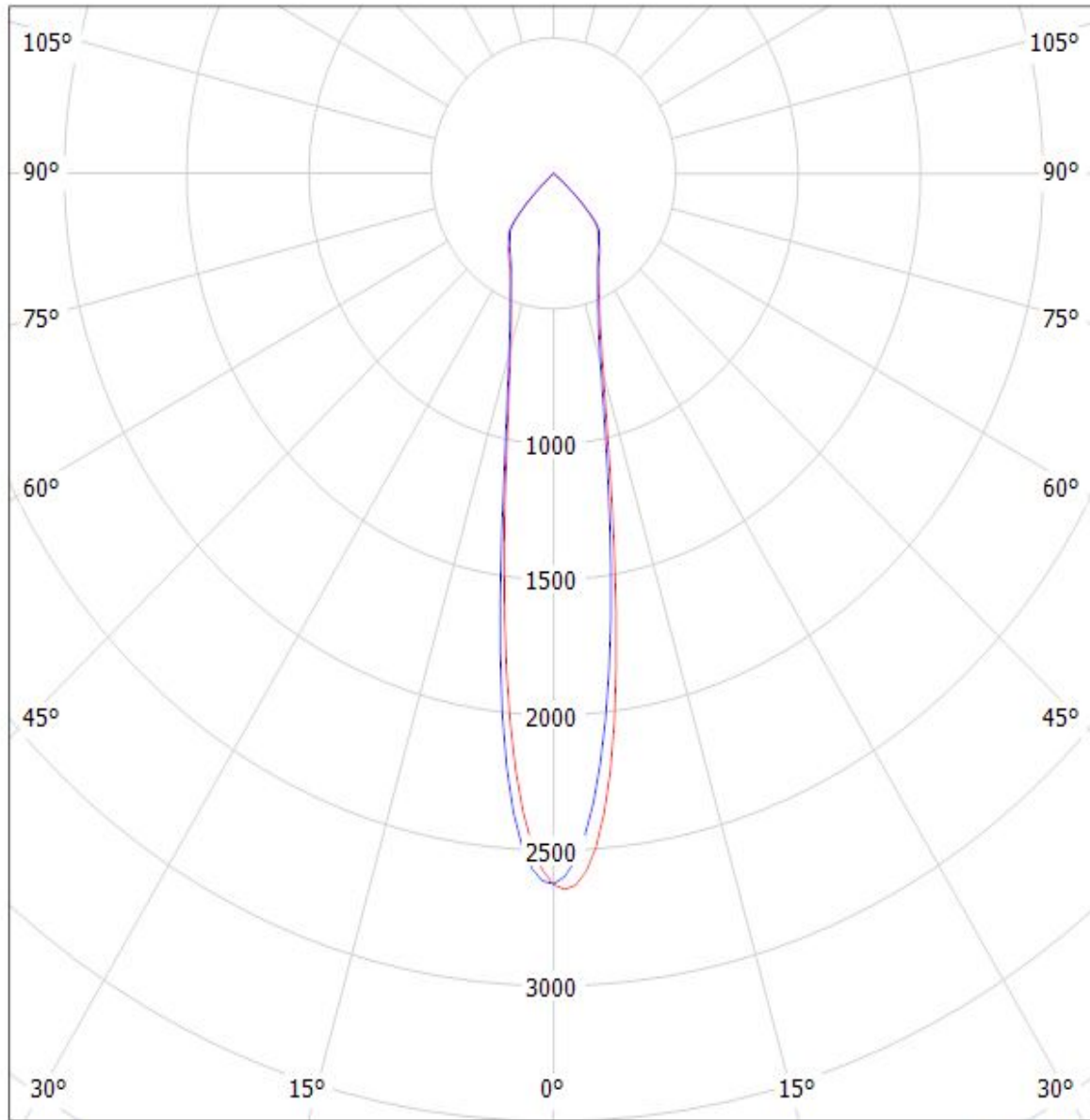
$\eta = 94\%$

— C0 - C180

— C90 - C270

Luminaire: LEDiL Oy F13325\_ANGELINA-S\_(MEGAZENIGATA) Eff.93.7%

Lamps: 1 x SHARP\_MEGAZENIGATA\_(GW6DME30NFC)\_1238.26lm@250mA\_CCT=3000K\_P=11.1211W\_I=249.8mA



cd/klm

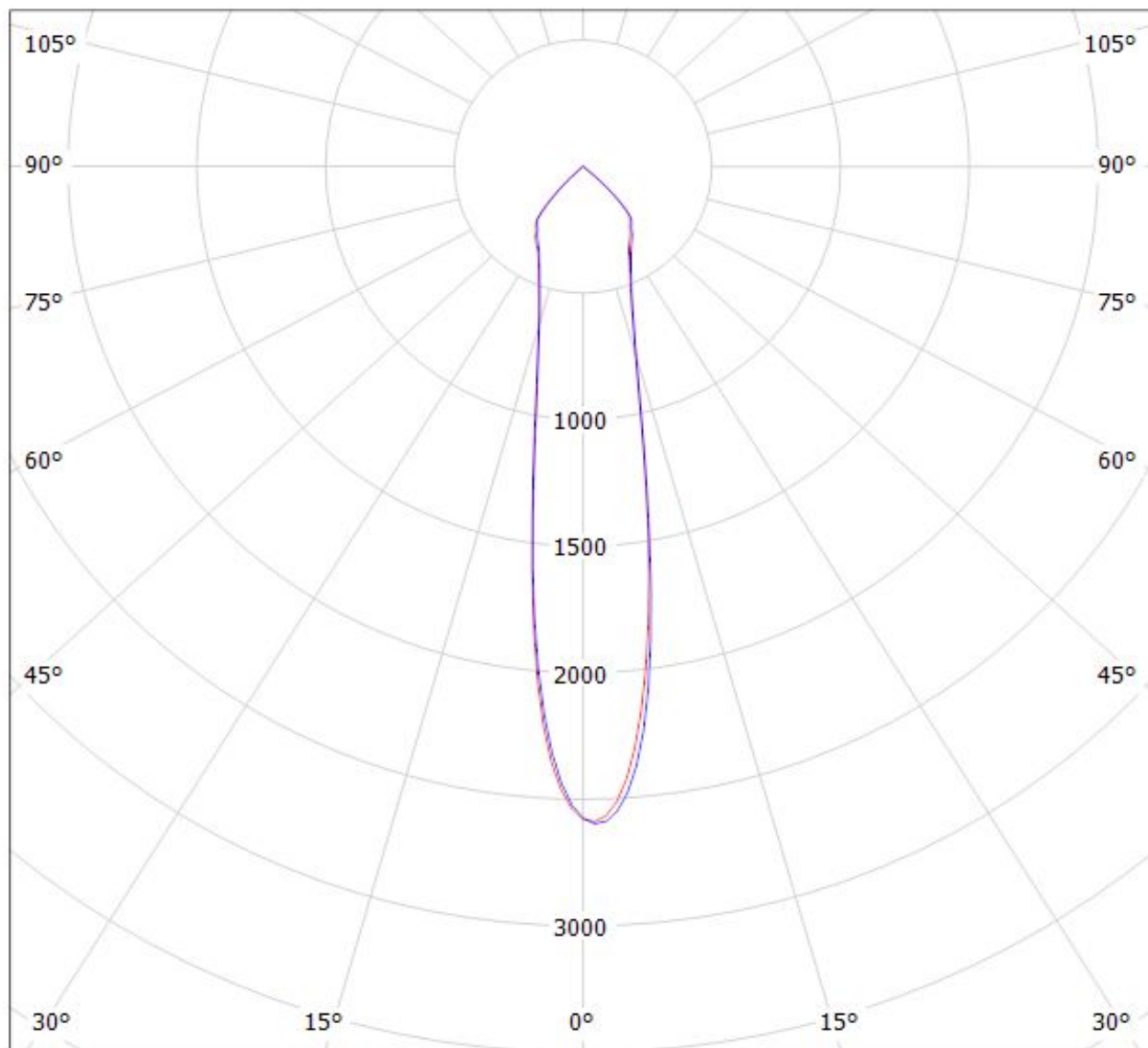
— C0 - C180

— C90 - C270

$\eta = 94\%$

Luminaire: LEDiL Oy F13325\_ANGELINA-S\_(LUXEON\_COB\_1208) Eff.93.8%

Lamps: 1 x LUXEON\_COB\_1208\_(LHC1-3080-1208)\_1015.13lm@250mA\_CCT=3000K\_P=8.15972W\_I=249.8mA



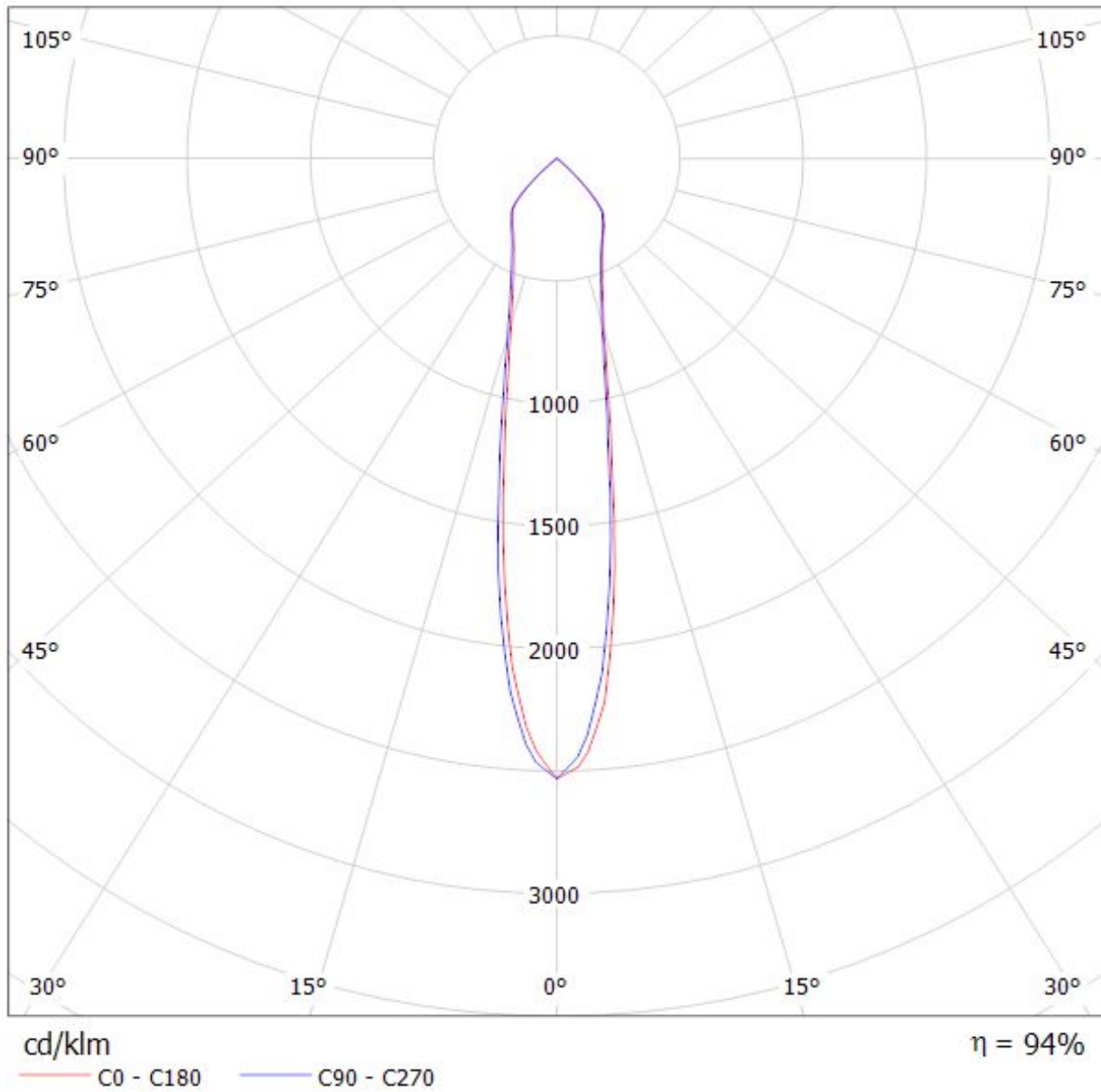
cd/klm

$\eta = 94\%$

— C0 - C180

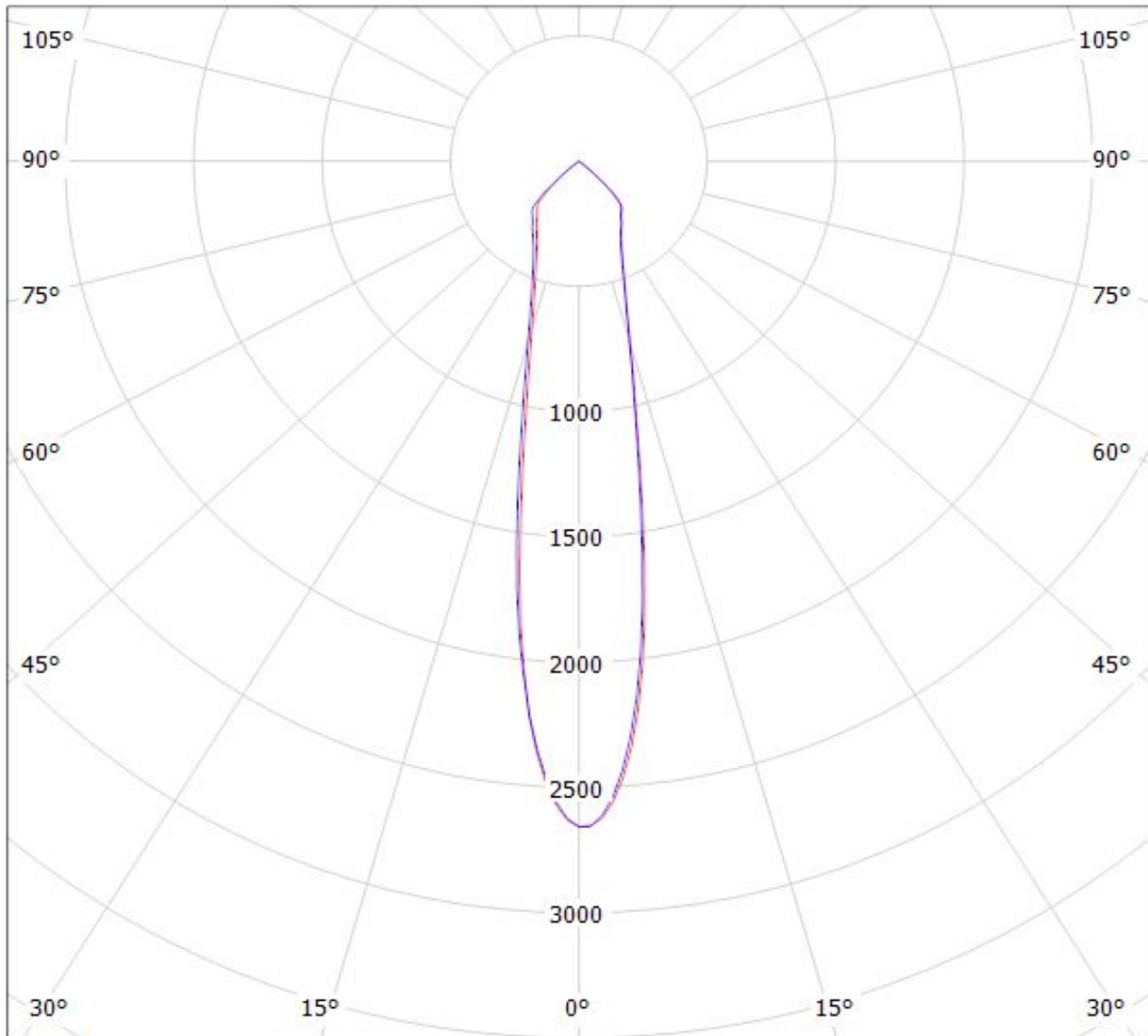
— C90 - C270

Luminaire: LEDiL Oy F13325\_ANGELINA-S\_(NSCxJ216A) Eff.94.0%  
Lamps: 1 x NICHIA\_NSCxJ216A\_(NSCLJ216AE)\_971.7lm@250mA\_CCT=3000K\_P=7.96937W\_I=249.8mA



Luminaire: LEDiL Oy F13325\_ANGELINA-S\_(WU-M-461-827)

Lamps: 1 x Vossloh\_WU-M-461-827\_771.829lm@250mA\_P=6.26998W\_I=249.8mA



cd/klm

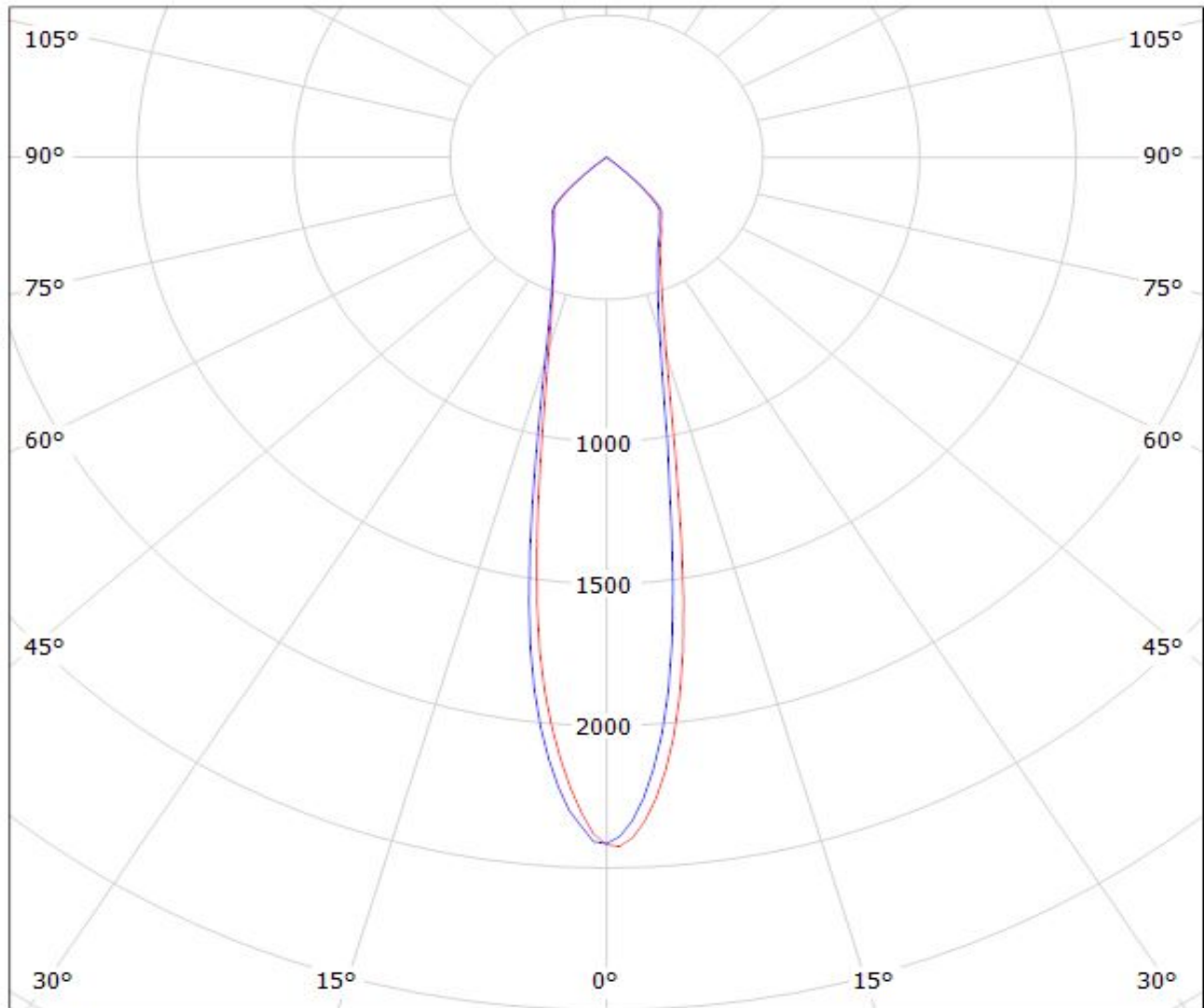
— C0 - C180

— C90 - C270

$\eta = 94\%$

Luminaire: LEDiL Oy F13325\_ANGELINA-S\_(WU-M-484)

Lamps: 1 x Vossloh\_Schwabe-WU-M-484\_(WU-M-484-830)\_657.721lm@250mA\_P=5.59451W\_I=249.9mA



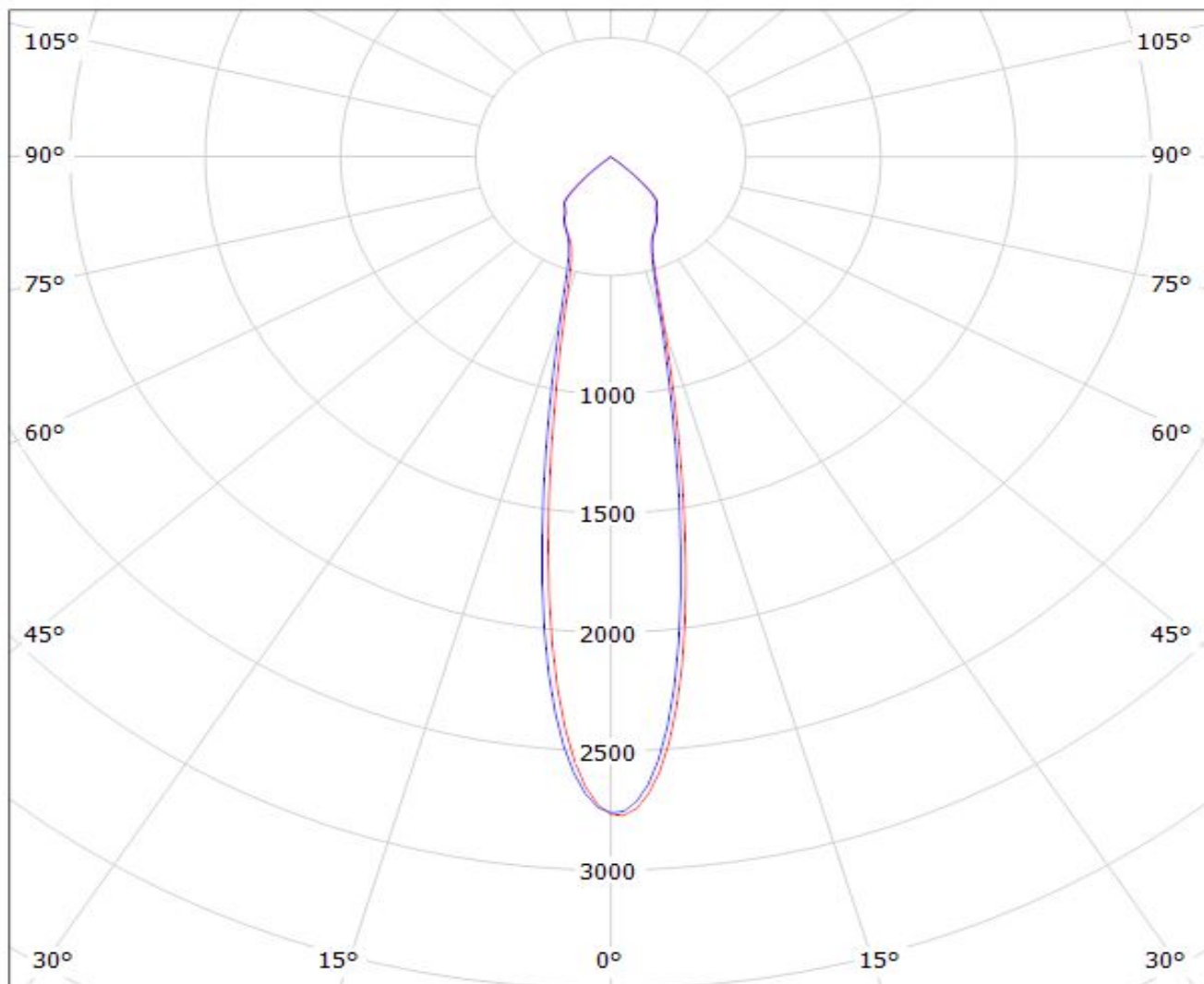
cd/klm

$\eta = 93\%$

— C0 - C180

— C90 - C270

Luminaire: LEDiL Oy F13325\_ANGELINA-S\_(MegaZenigata) Eff.92.3%  
Lamps: 1 x MegaZenigata\_GW6DME (518.495lm@100mA)



cd/klm

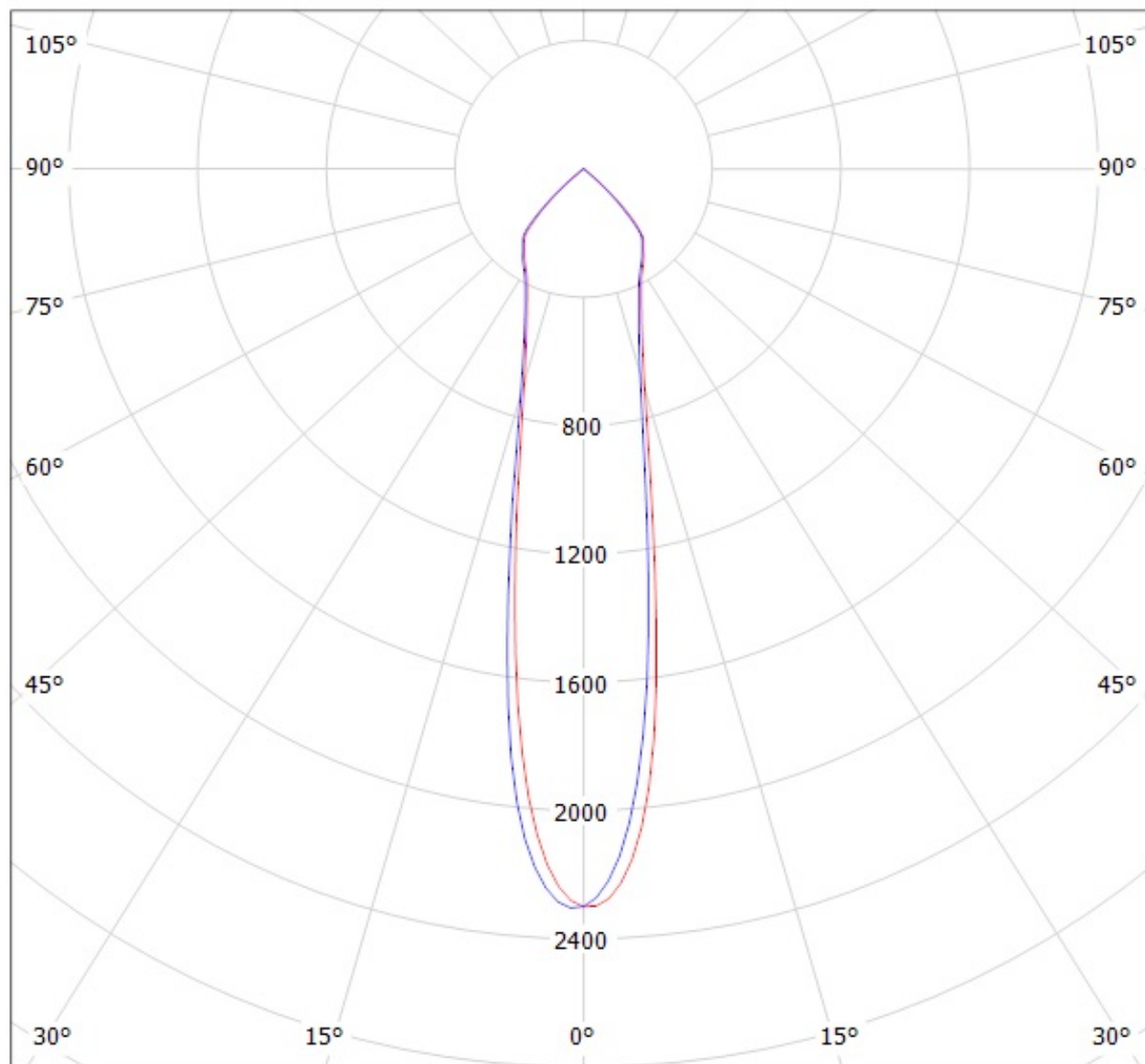
— C0 - C180

— C90 - C270

$\eta = 92\%$

Luminaire: LEDiL Oy F13325\_ANGELINA-S\_(PrevaLED\_Z4) Eff:94%

Lamps: 1 x Osram\_PrevaLED\_CORE\_Z4\_(PL-CORE-3000-830-Z4)\_1423.93lm@250mA\_P=10.7652W\_I=249.9mA



cd/klm

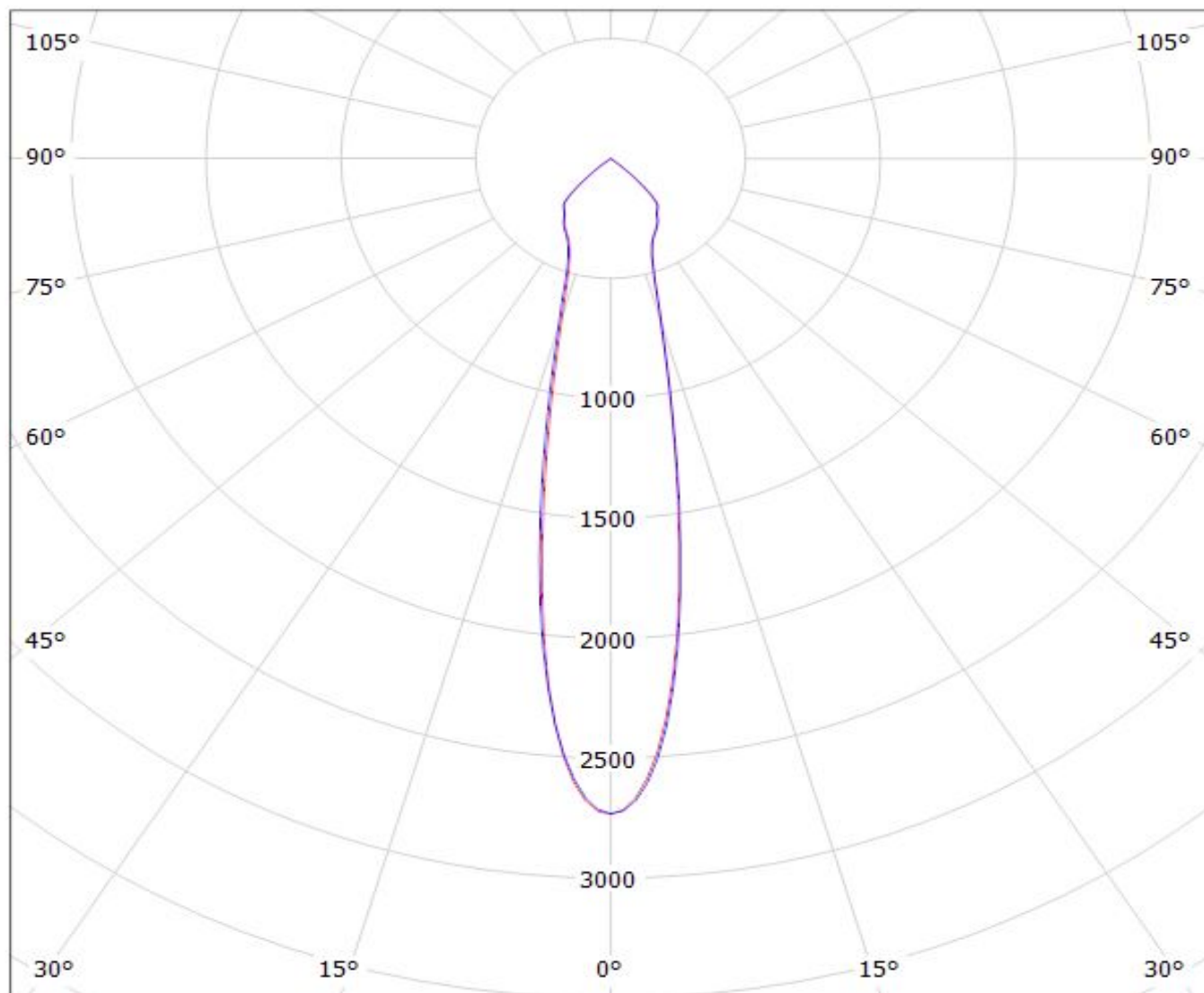
— C0 - C180

— C90 - C270

$\eta = 94\%$



Luminaire: LEDiL Oy F13325\_ANGELINA-S\_(Luxeon-Cob-1208) Eff. 93 %  
Lamps: 1 x Luxeon CoB 1208 (LHC1-3080-1208) 1029lm@250mA CCT=3000K P=8.2W I=250mA

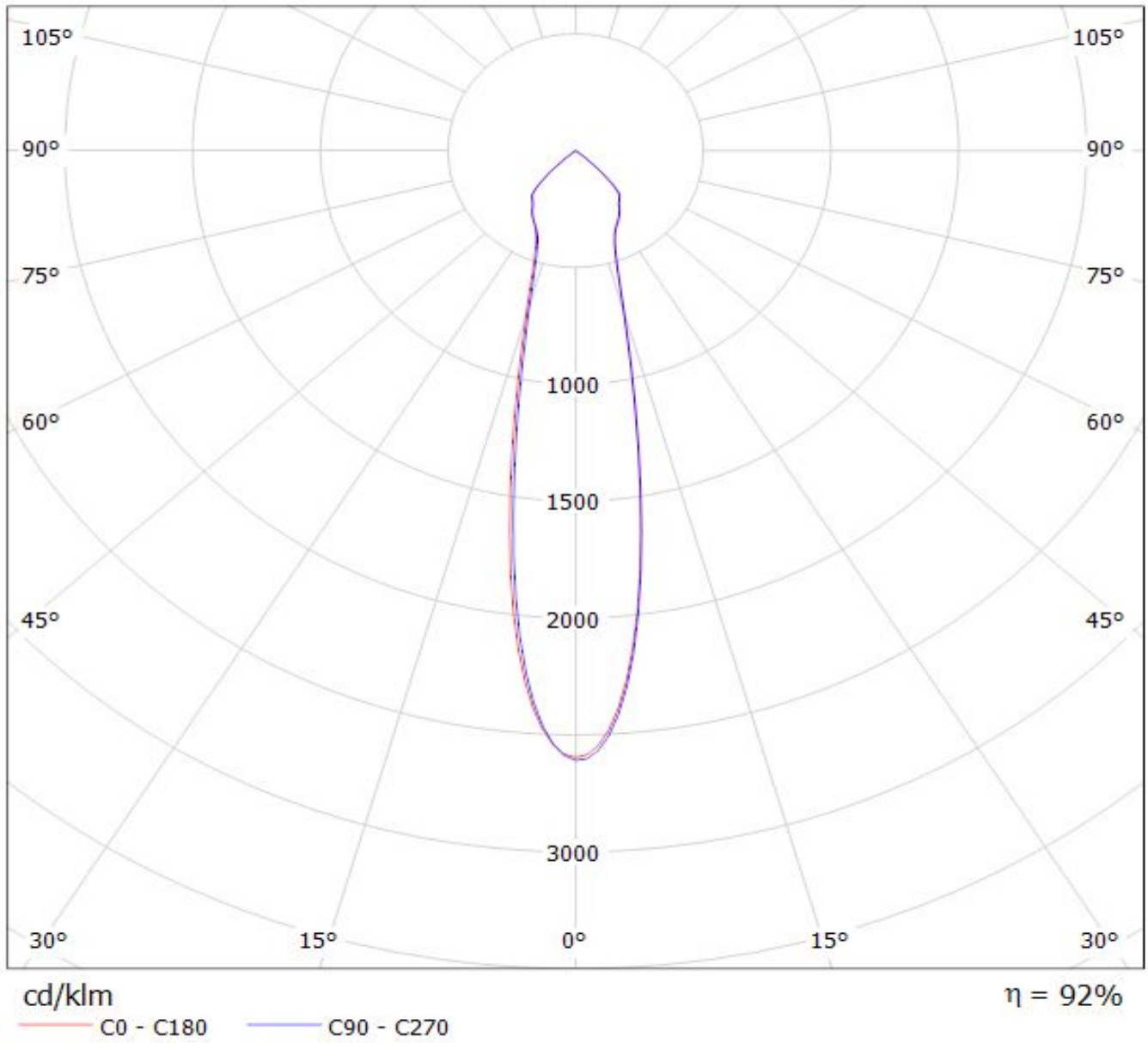


cd/klm

— C0 - C180 — C90 - C270

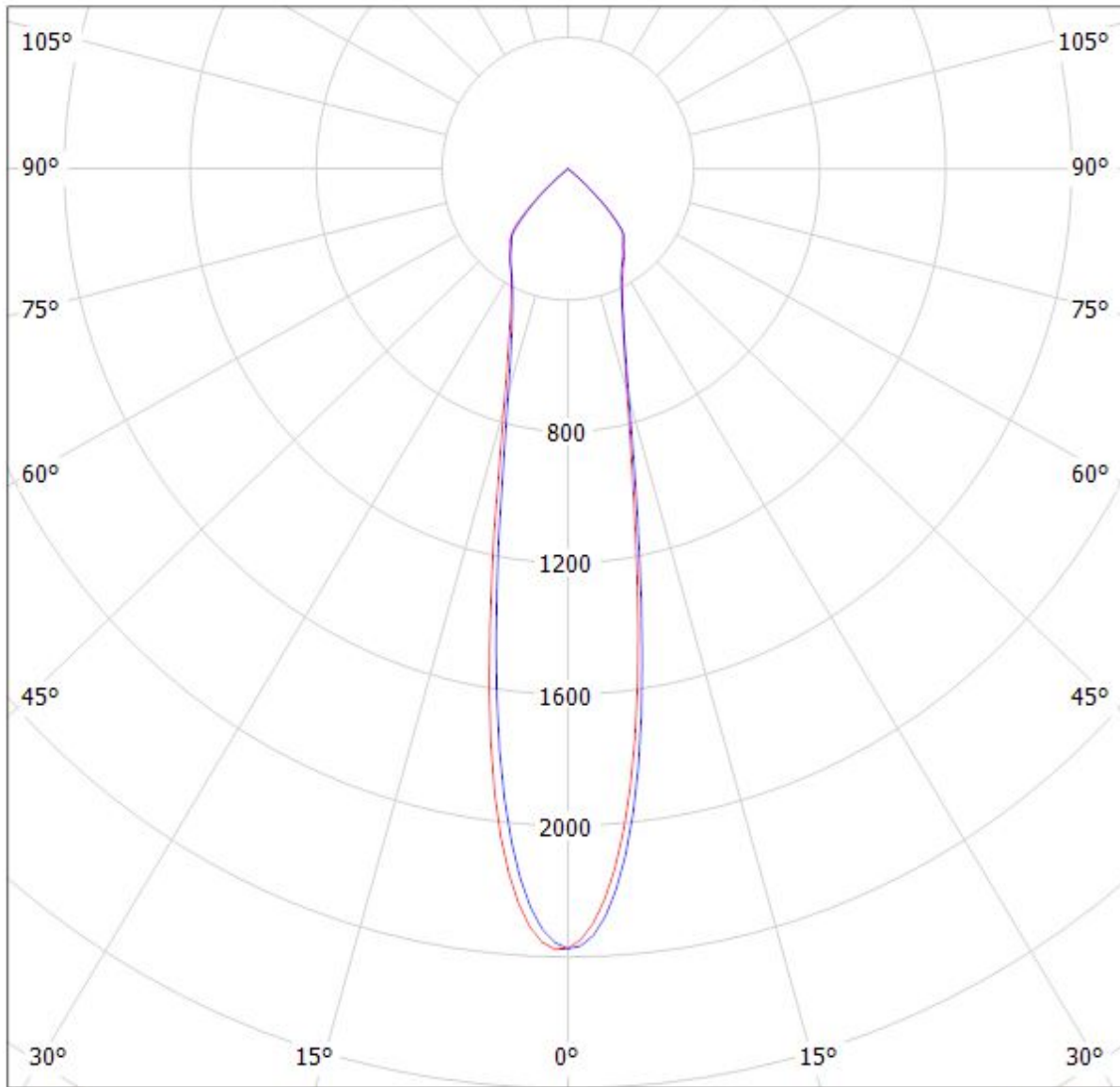
$\eta = 93\%$

Luminaire: LEDiL Oy F13325\_ANGELINA-S\_(STARK\_SLE\_G2\_LES19) Eff.92.2%  
Lamps: 1 x TRIDONIC STARK SLE G2 LES19 830 CLA 964.643lm@250mA CCT=3000K P=8W I=250mA



Luminaire: LEDiL Oy F13325\_ANGELINA-S\_(SOLERIQ\_S19 & TE\_2213407-2)

Lamps: 1 x OSRAM\_SOLERIQ\_S19\_(GW\_KAHJB1.EM)\_1385.15lm@250mA\_CCT=3000K\_P=10.5613W\_I=249.8mA



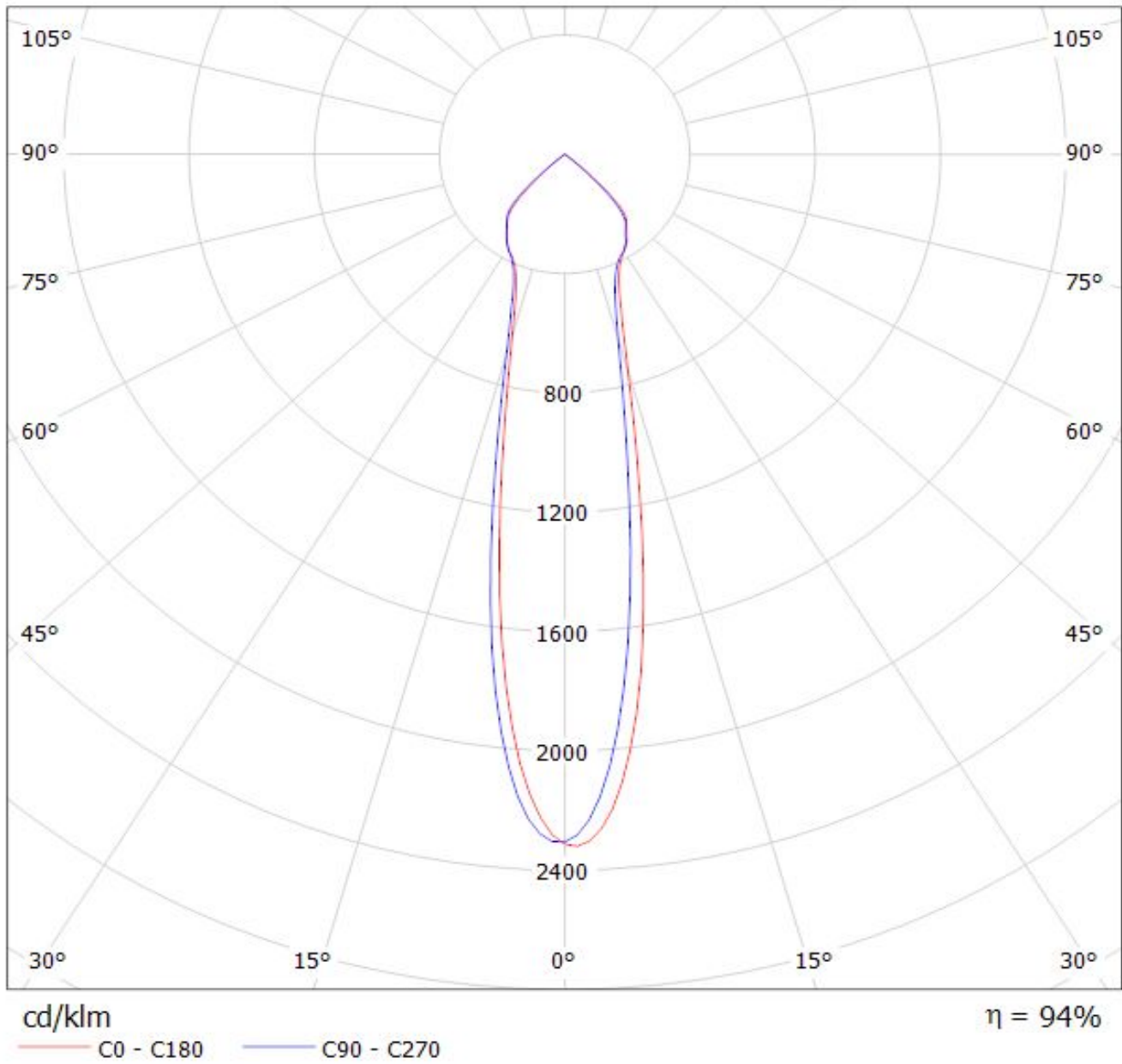
cd/klm

— C0 - C180

— C90 - C270

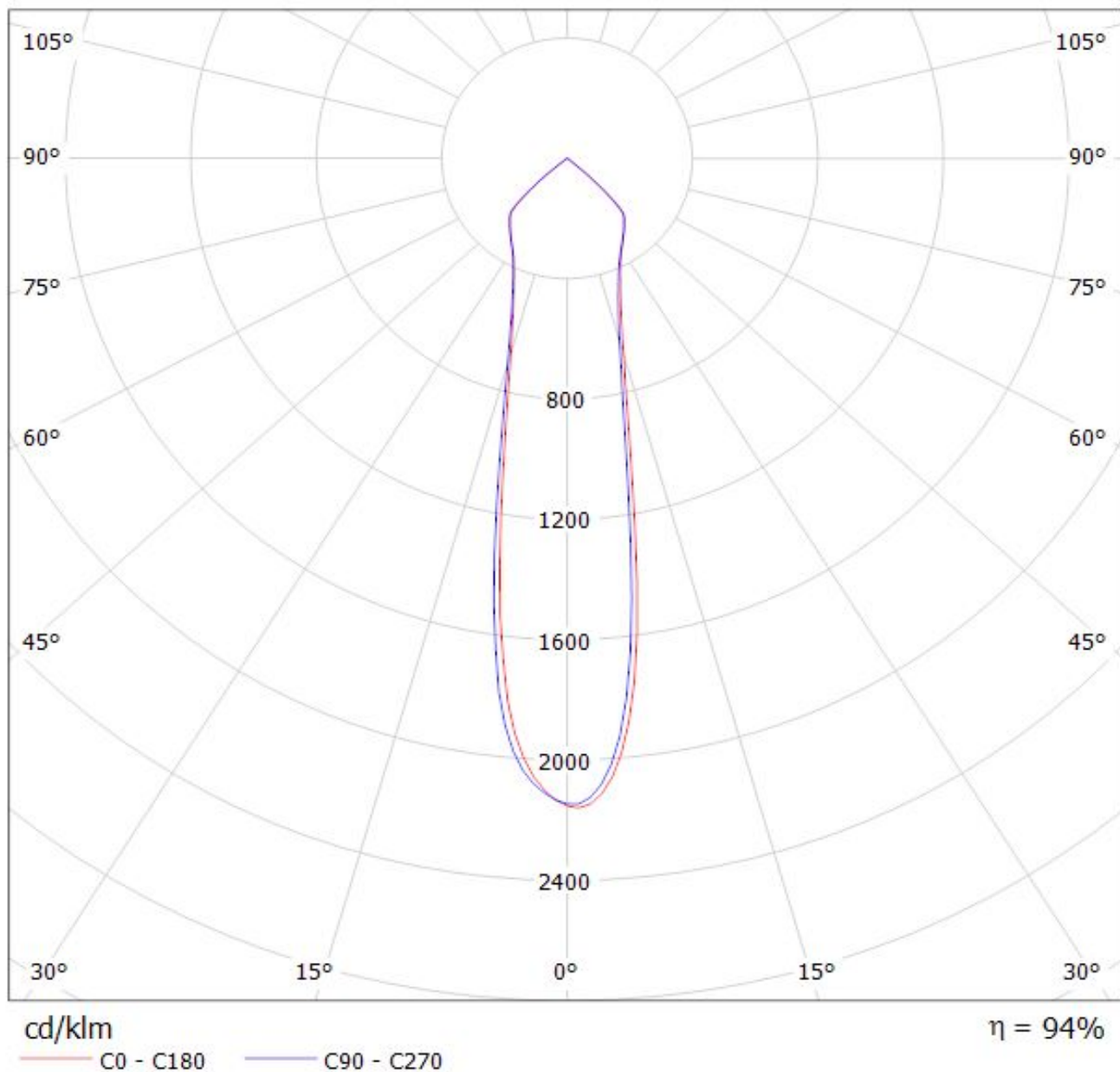
$\eta = 94\%$

Luminaire: LEDiL Oy C13325\_ANGELINA-S\_(Luxeon\_K16) Eff.94.2%  
Lamps: 1 x LUXEON\_K16 (1204.33lm@250mA)



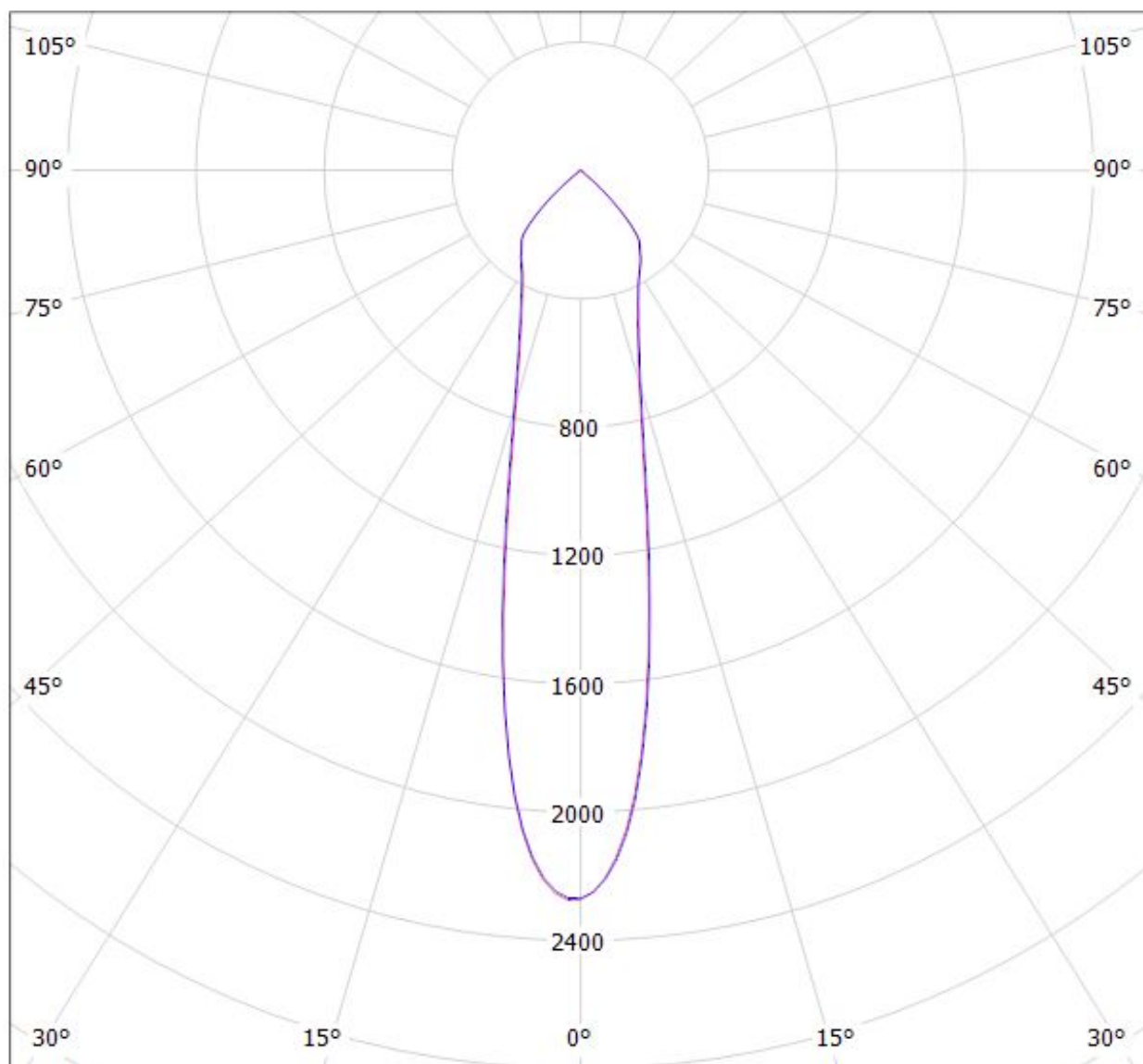
Luminaire: LEDiL Oy F13325\_ANGELINA-S\_(NSBxL121A)

Lamps: 1 x Nichia\_NSBxL121A\_914.478lm@250mA\_P=7.56872W\_I=249.9mA



Luminaire: LEDiL Oy F13325\_ANGELINA-S\_(CXA25) Eff.94%

Lamps: 1 x CREE\_CXA25\_(CXA2530-7C0-T2-N0H)\_1151.98lm@250mA\_CCT=3000K\_P=8.4892W\_I=249.8mA



cd/klm

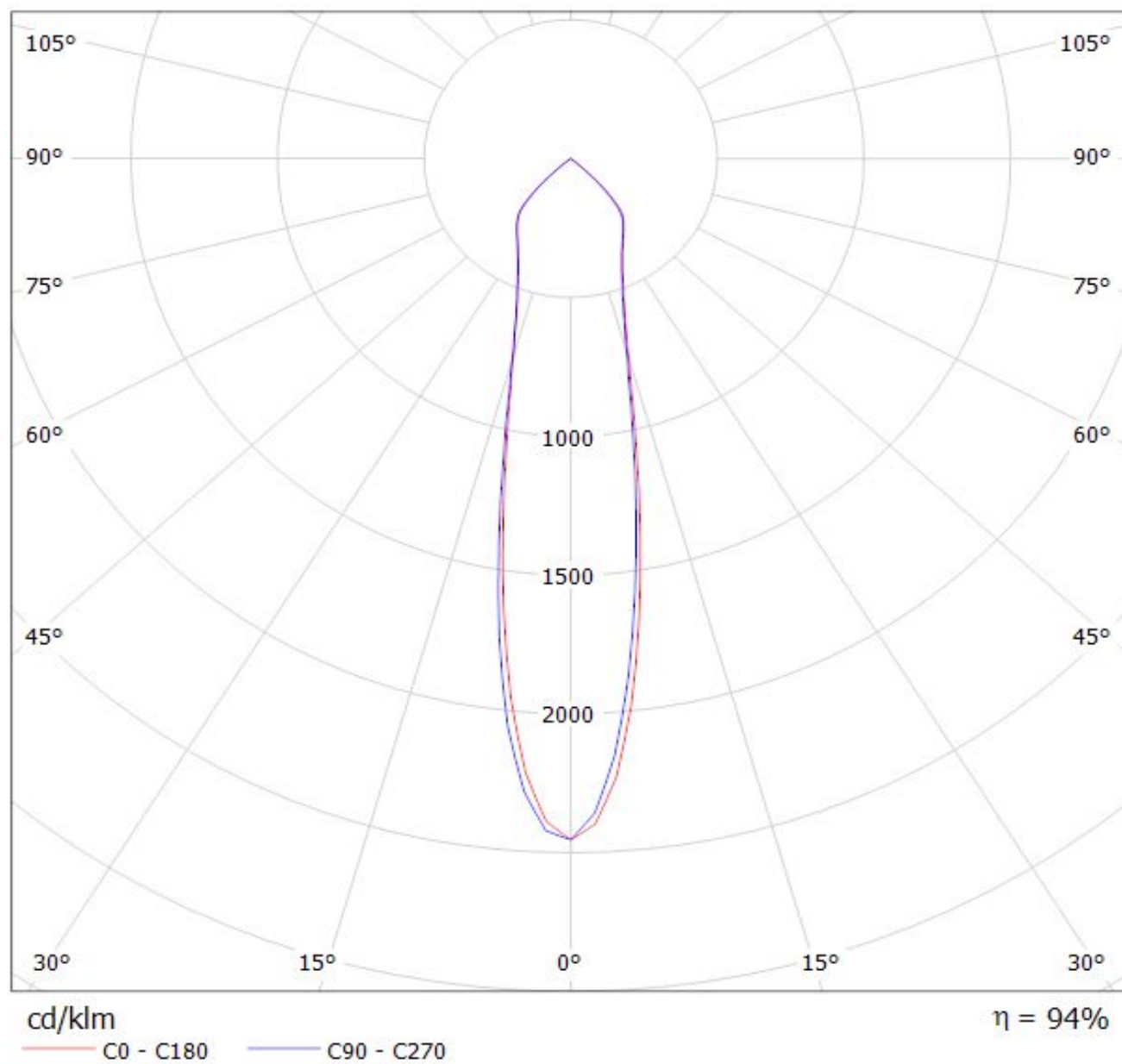
— C0 - C180

— C90 - C270

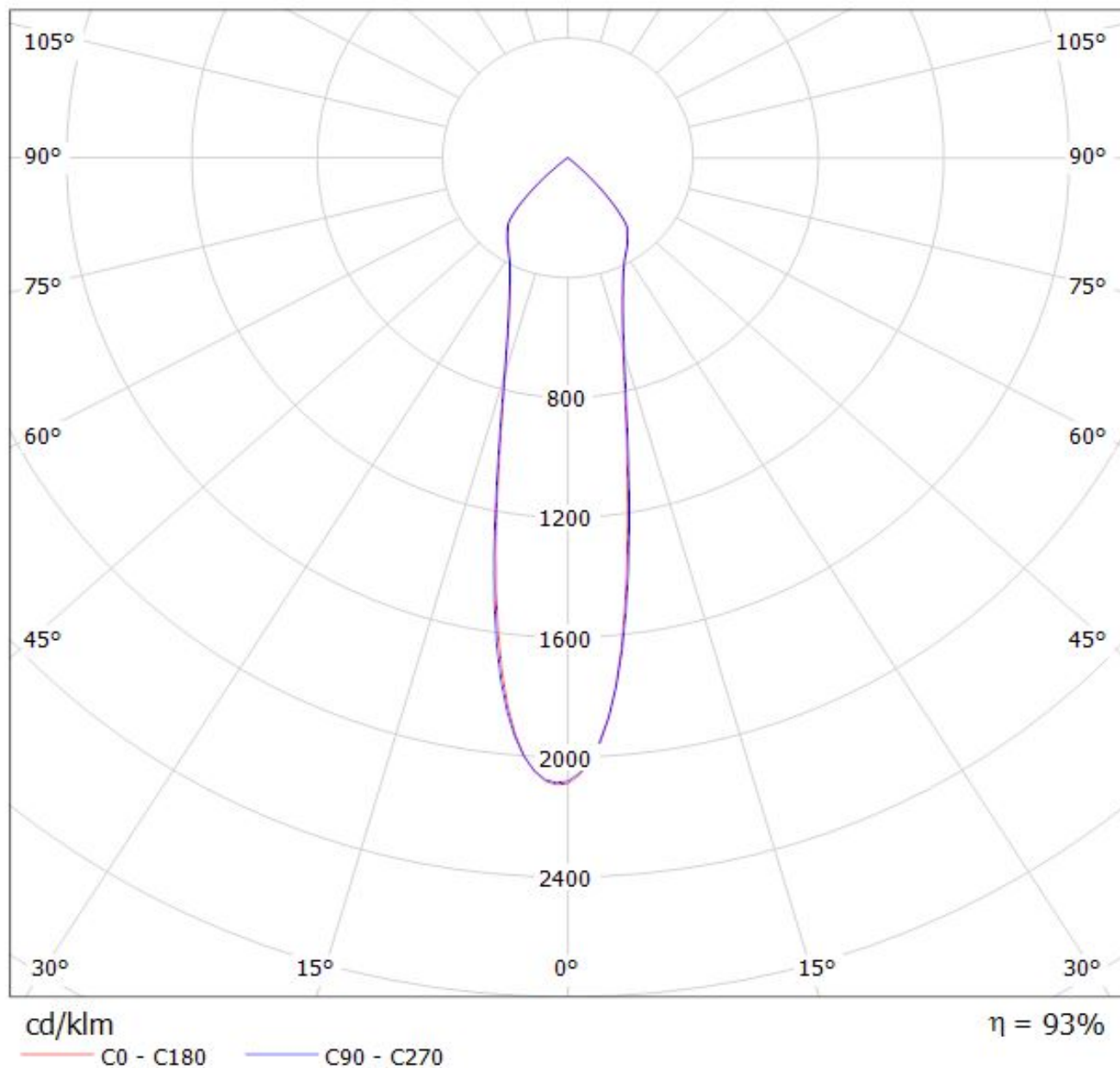
$\eta = 95\%$

Luminaire: LEDiL F13325\_ANGELINA-S\_(CLL030)

Lamps: 1 x Citizen CLL030 740lm@250mA (CLL030-1205A5-303H1A7) CCT:3000K



Luminaire: LEDiL Oy F13325\_ANGELINA-S\_(LEP-2000-827-C-AC)  
Lamps: 1 x OSRAM PrevaLED Core AC (LEP-2000-827-C-AC)

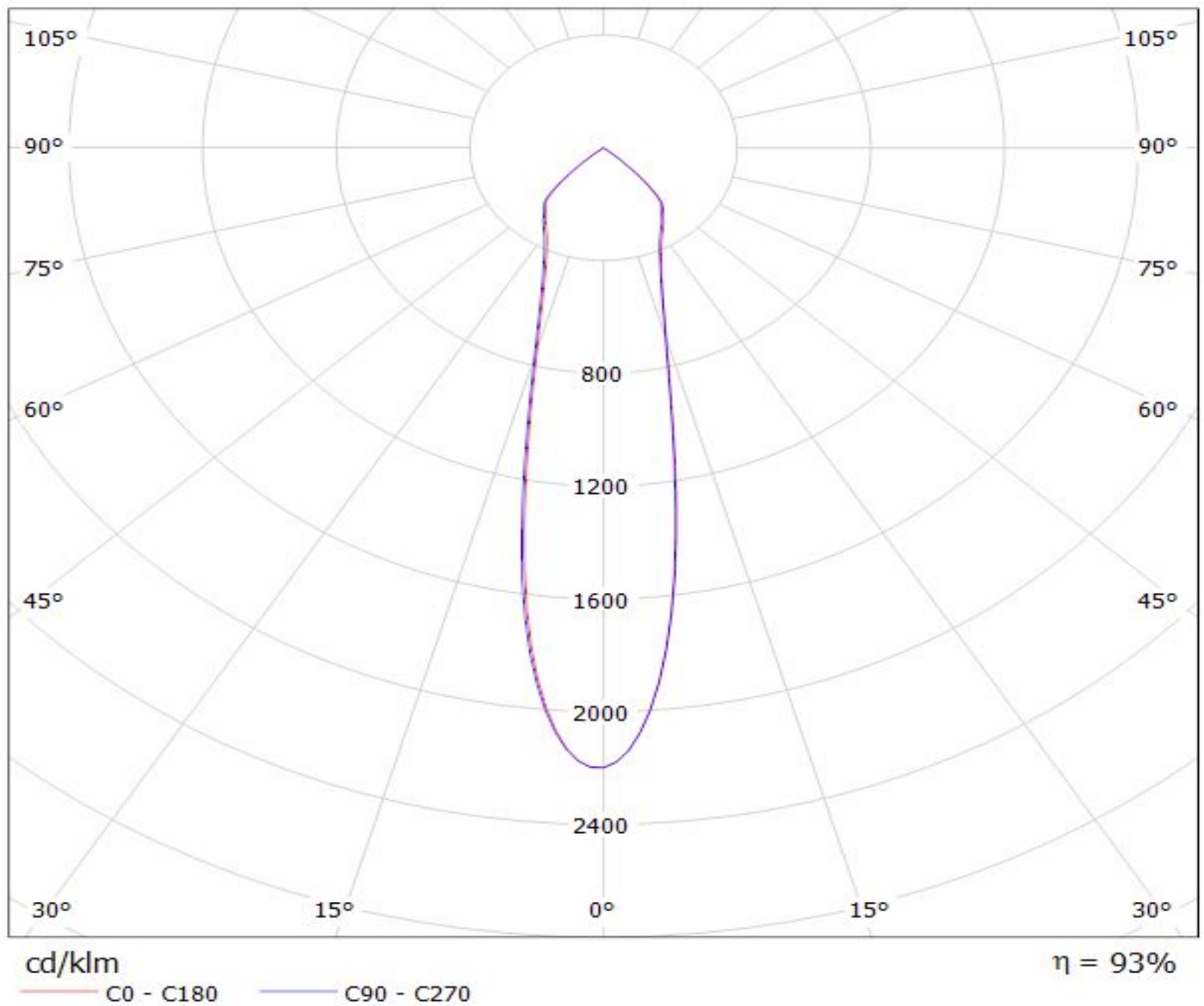




# LEDiL Oy F13325\_ANGELINA-S\_(SLE\_G3\_LES19) Eff.93.5% / LDC (Polar)

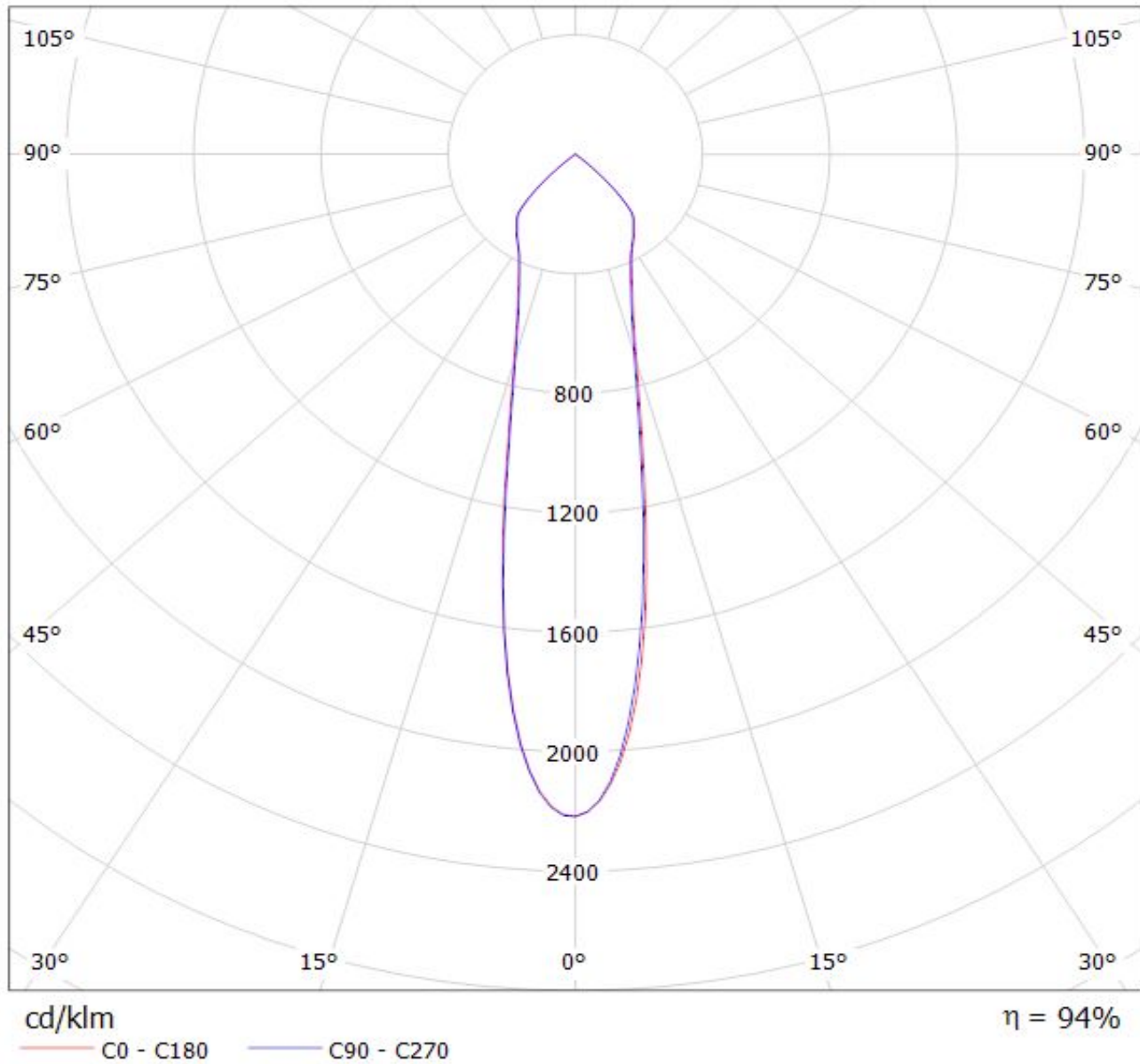
Luminaire: LEDiL Oy F13325\_ANGELINA-S\_(SLE\_G3\_LES19) Eff.93.5%

Lamps: 1 x TRIDONIC\_STARK\_SLE\_G3\_LES19\_(STARK-SLE-G3-LES19-2000-840-CLA)  
\_1058.33lm@250mA\_P=8.32833W\_I=249.8mA



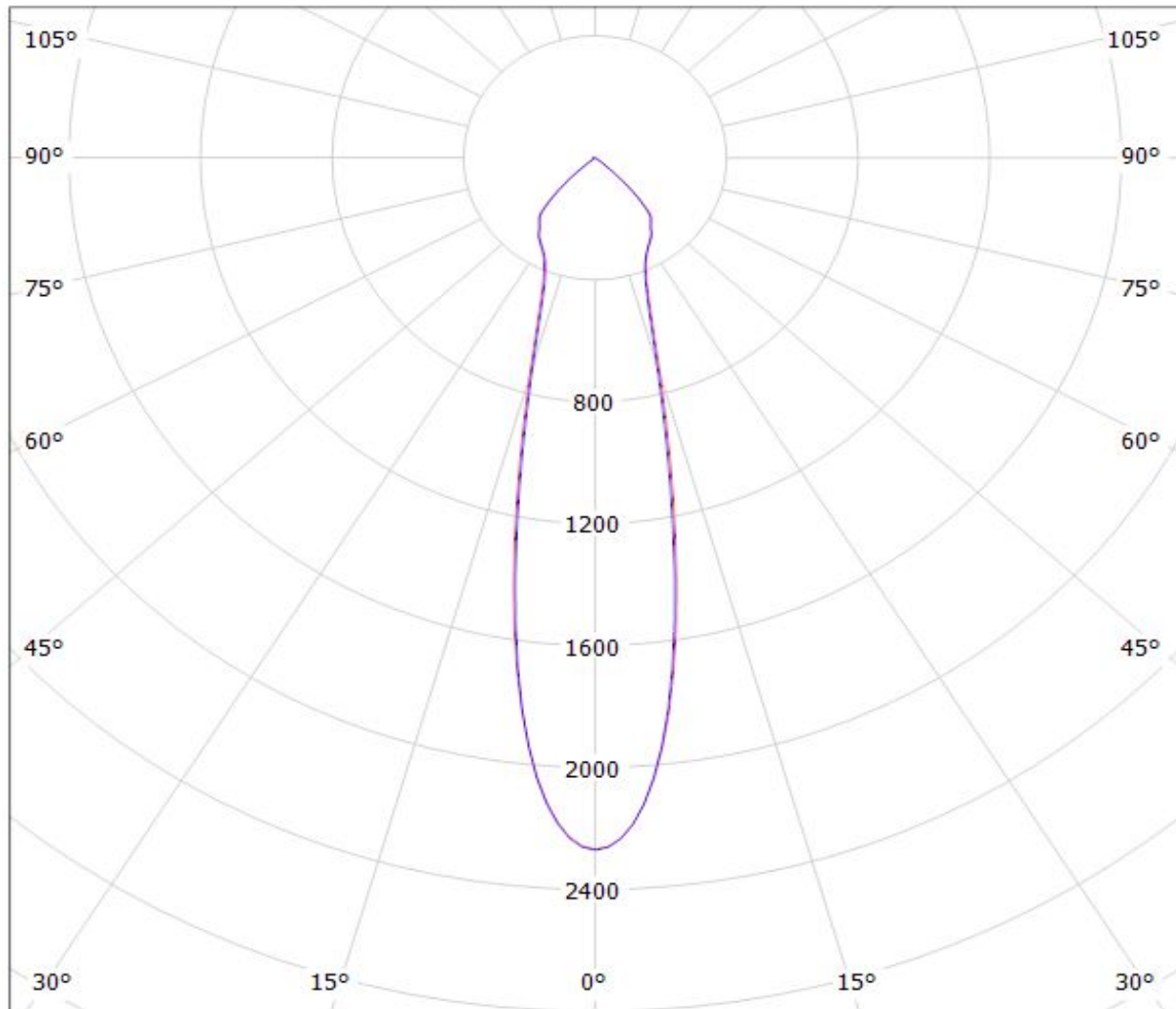
Luminaire: LEDiL Oy F13325\_ANGELINA-S\_(PrevaLED\_LES19) Eff.94%

Lamps: 1 x OSRAM PrevaLED\_LES9\_(PL-CORE-1100-830-Z3)\_1333.47lm@250mA\_P=10.4584W\_I=249.8mA



Luminaire: LEDiL Oy F13325\_ANGELINA-S\_(FORTIMO\_2000) Eff.90.7%

Lamps: 1 x PHILIPS Fortimo LED SLM 2000 23W/930 L19 G3 665.774lm@250mA CCT=3000K P=6W I=250mA



cd/klm

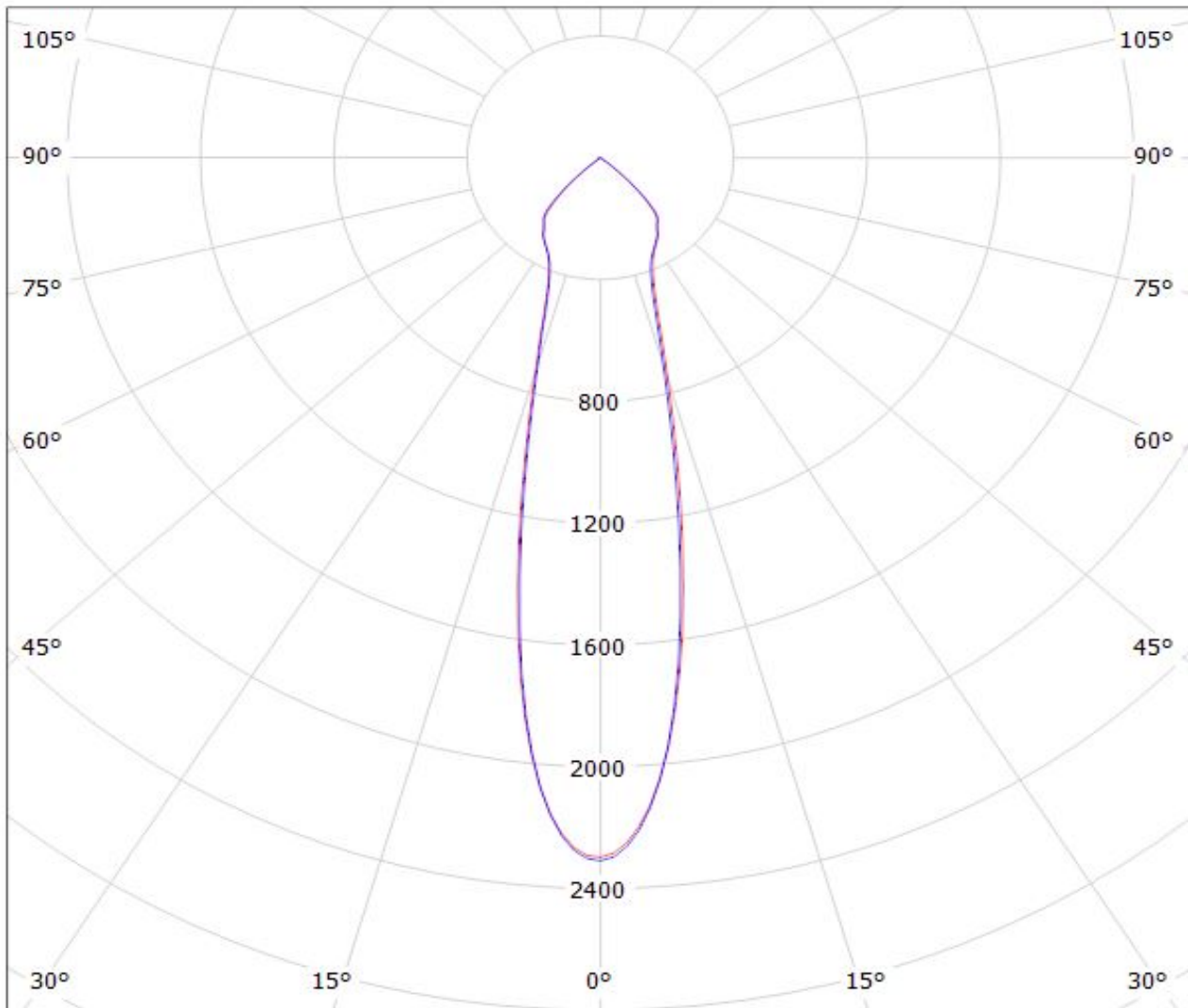
— C0 - C180

— C90 - C270

$\eta = 91\%$

Luminaire: LEDiL Oy F13325\_ANGELINA-S\_(FORTIMO\_3000) Eff.90.9%

Lamps: 1 x PHILIPS Fortimo LED SLM 3000 28W/830 L19 G3 1046.76lm@250mA CCT=3000K P=9W I=250mA



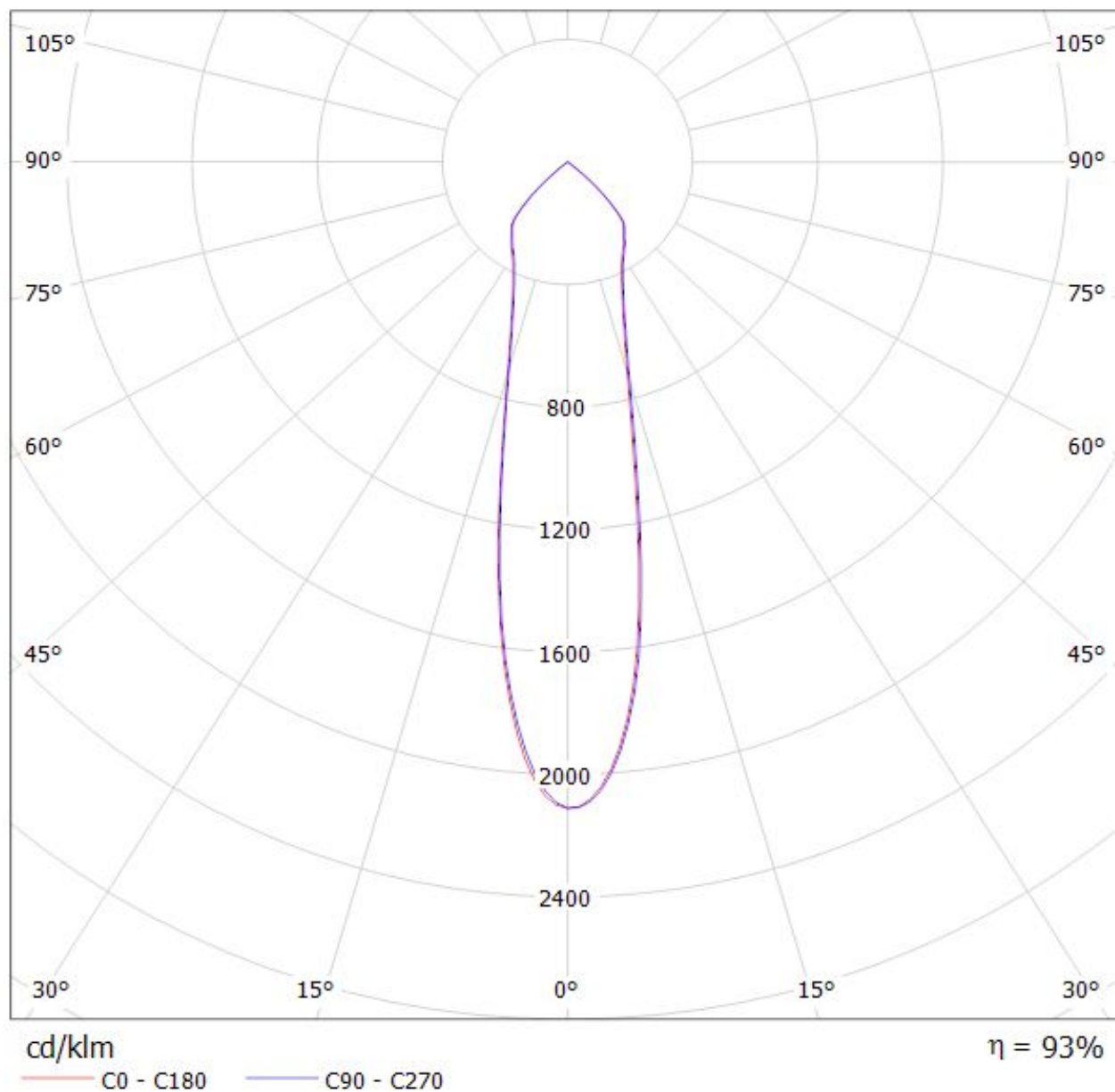
$\eta = 91\%$

cd/klm

— C0 - C180 — C90 - C270

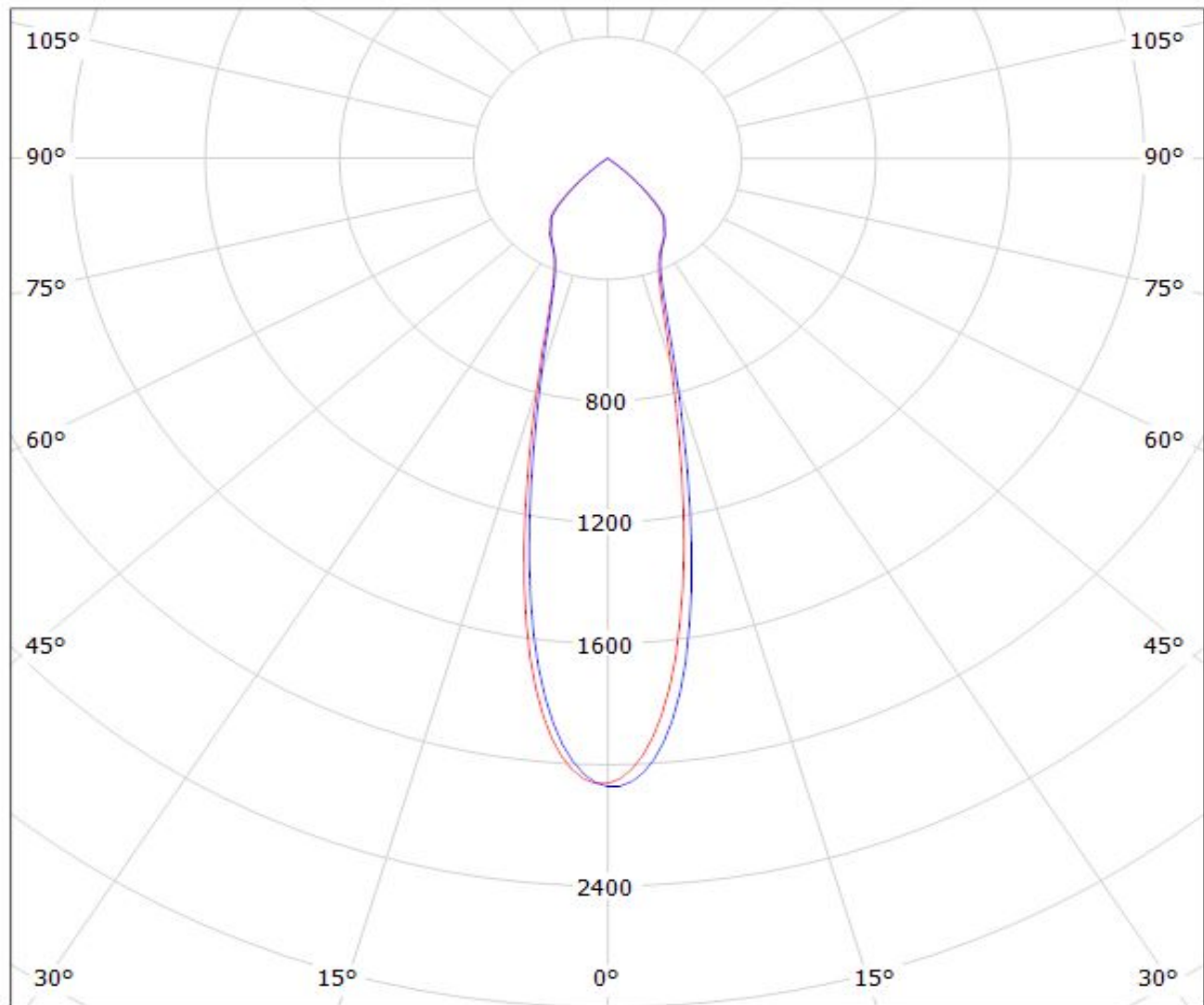
Luminaire: LEDiL Oy F13325\_ANGELINA-S\_(COB-LC026B) Eff.93.5%

Lamps: 1 x SAMSUNG\_COB-LC026B\_(SPHWWTHDNC25YHV52F)\_1136.23lm@250mA\_P=8.23191W\_I=249.8mA



Luminaire: LEDiL Oy F13325\_ANGELINA-S\_(STARK\_SLE\_G2\_LES23) Eff.90.5%

Lamps: 1 x TRIDONIC STARK SLE G2 LES23 830 CLA 982.731lm@250mA CCT=3000K P=8W I=250mA



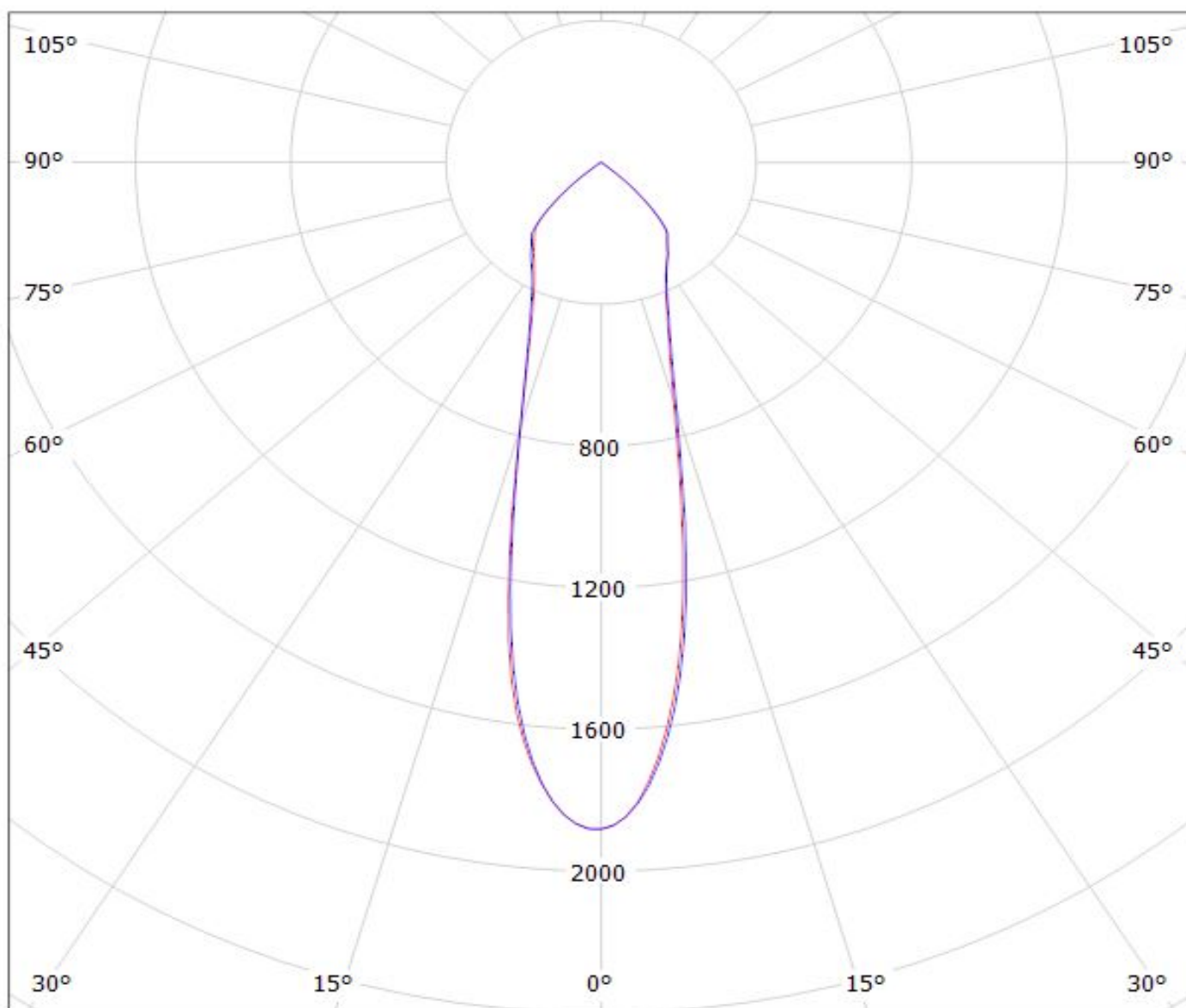
cd/klm

— C0 - C180

— C90 - C270

$\eta = 90\%$

Luminaire: LEDiL Oy F13325\_ANGELINA-S\_(WU-M-486) Eff.93.3%  
Lamps: 1 x Vossloh\_Schwabe-WU-M-486\_(WU-M-486-830)  
\_1474.55lm@250mA\_P=10.4456W\_I=249.8mA



cd/klm

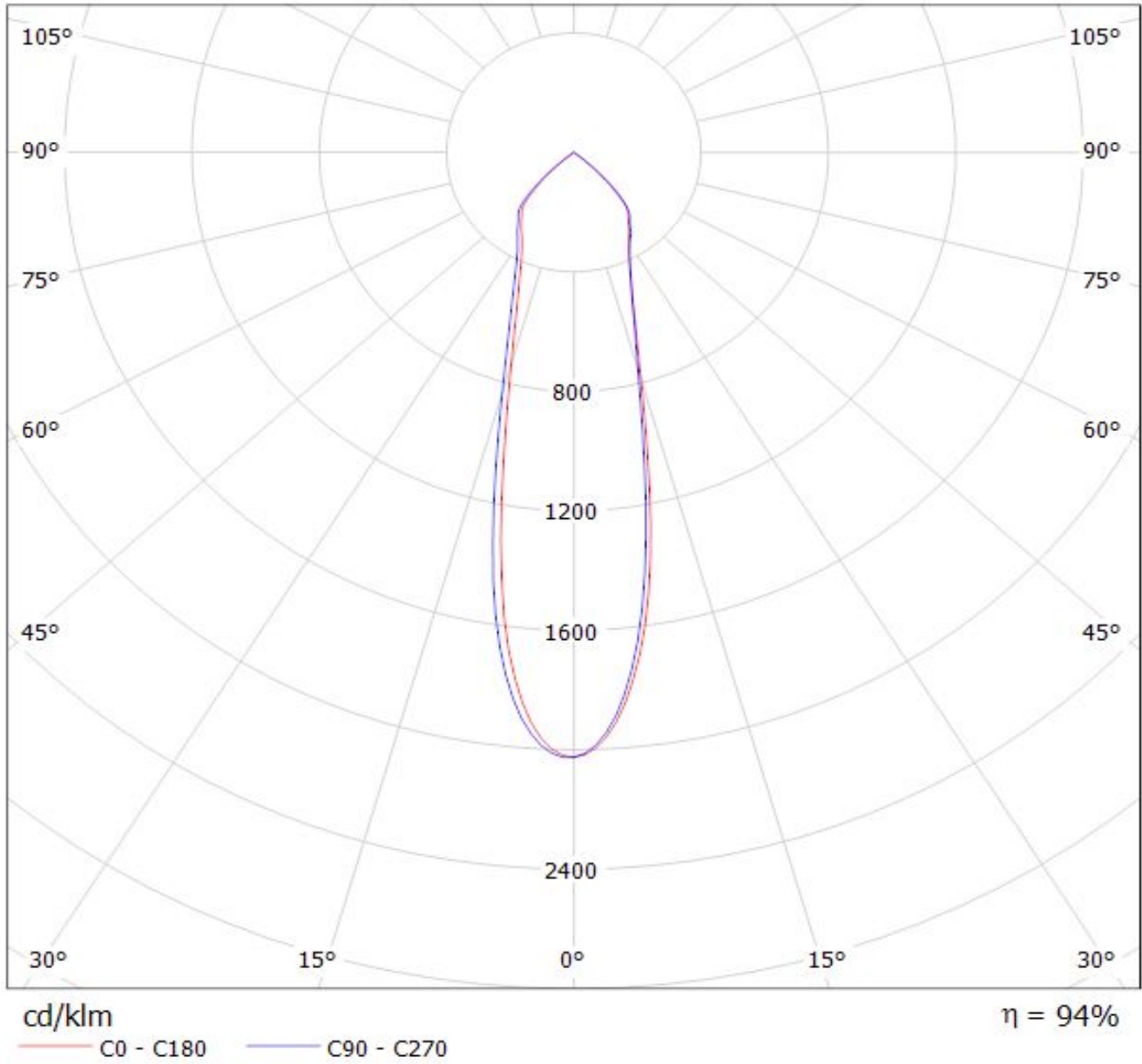
— C0 - C180

— C90 - C270

$\eta = 93\%$

Luminaire: LEDiL Oy F13325\_ANGELINA-S\_(WU-M-462-827)

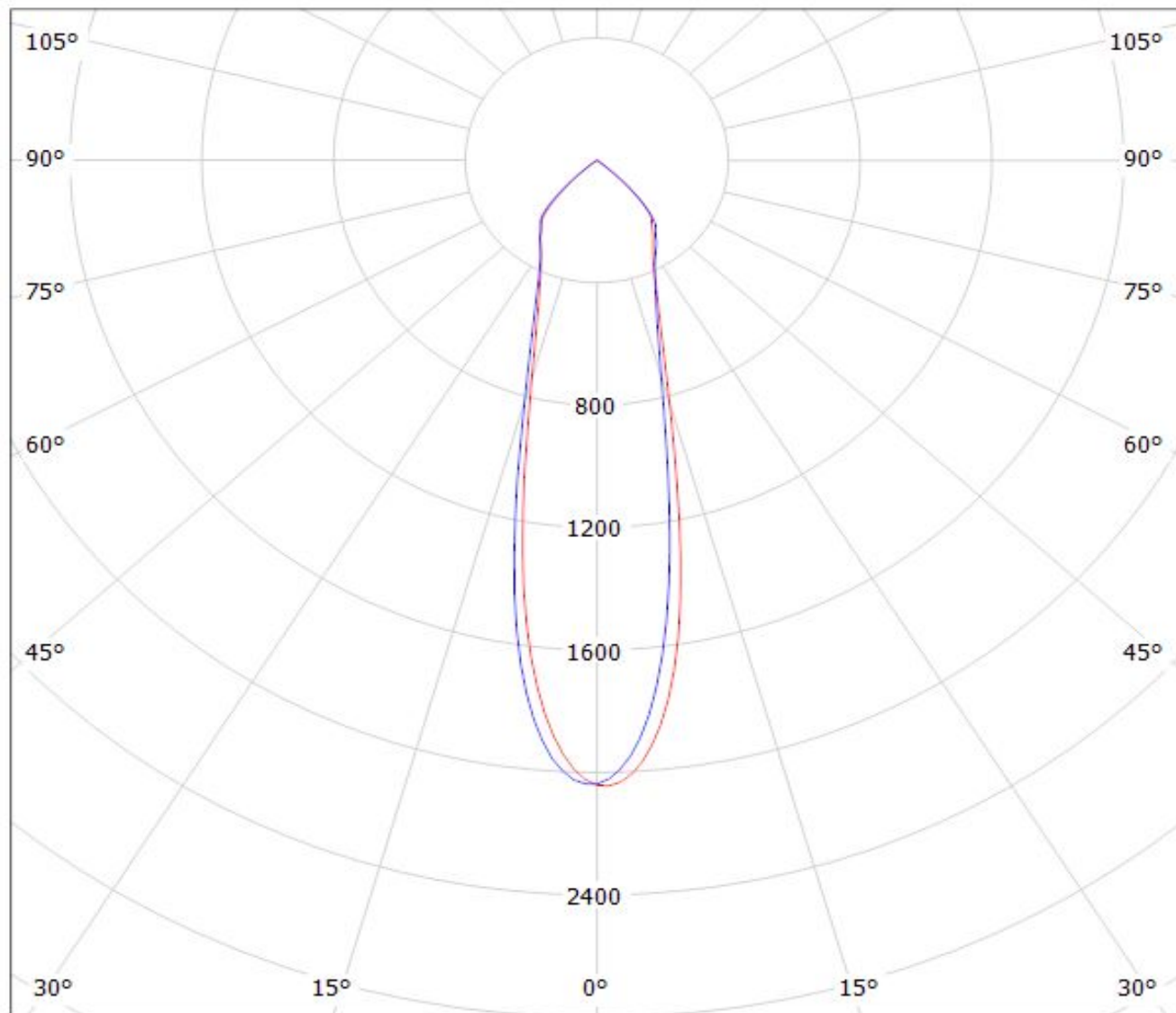
Lamps: 1 x Vossloh\_WU-M-462-827\_1116.7lm@250mA\_P=8.9943W\_I=249.8mA





Luminaire: LEDiL Oy F13325\_ANGELINA-S\_(WU-M-464-827)

Lamps: 1 x Vossloh\_WU-M-464-827\_1452.93lm@250mA\_P=11.6939W\_I=249.8mA



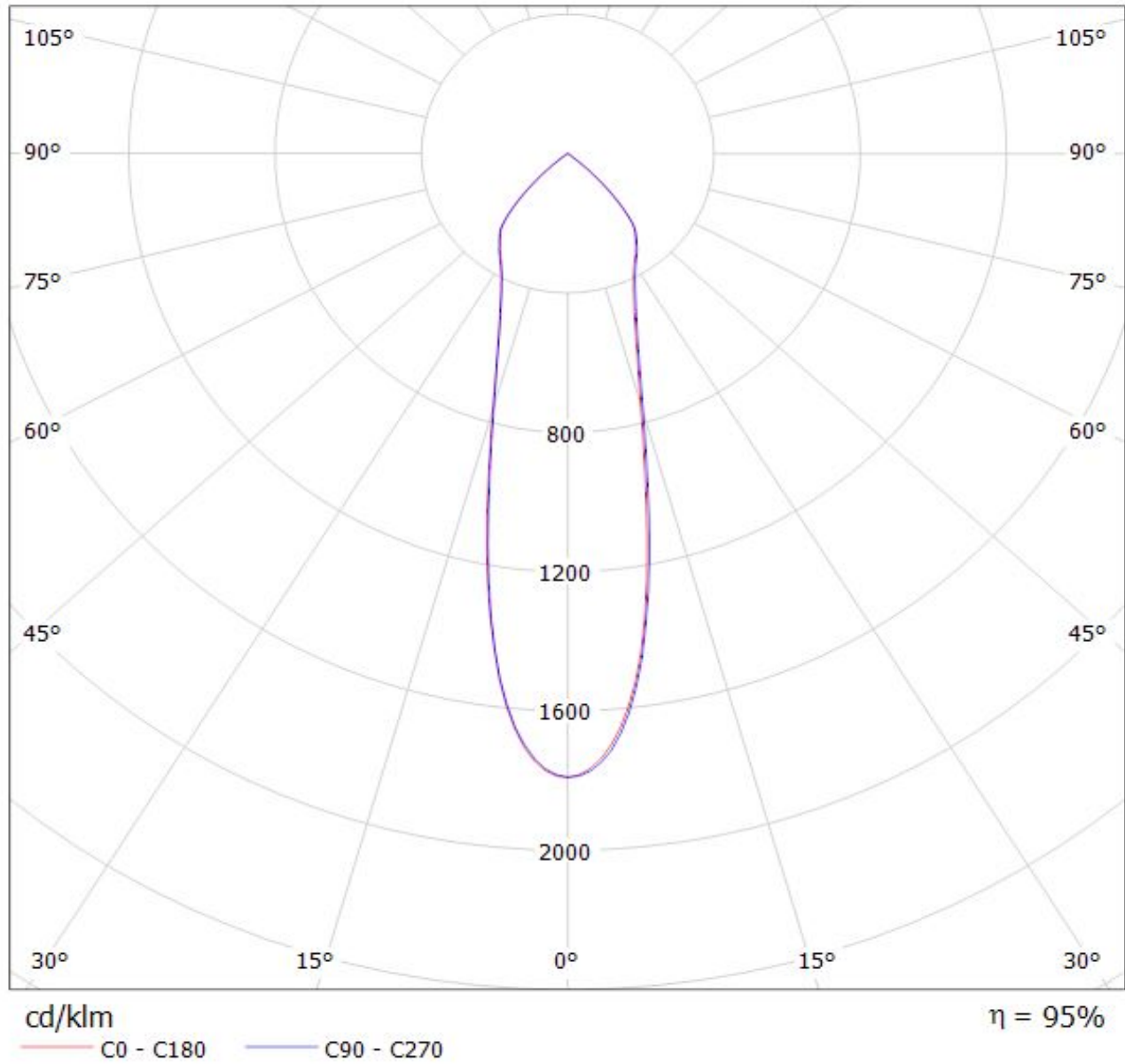
cd/klm

$\eta = 94\%$

— C0 - C180

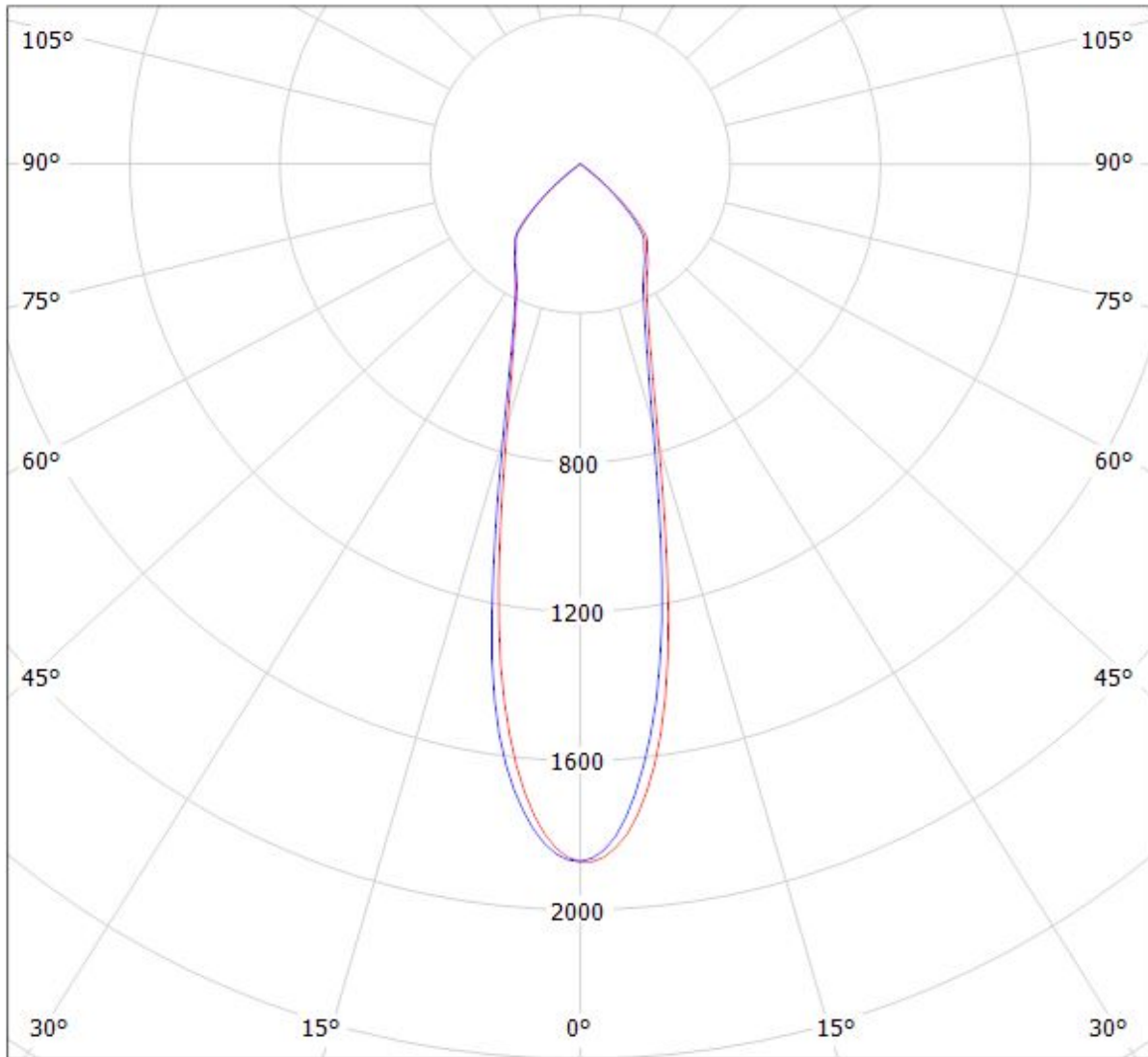
— C90 - C270

Luminaire: LEDiL Oy F13325\_ANGELINA-S\_(PrevaLED\_LES23) Eff. 94%  
Lamps: 1 x OSRAM PrevaLED\_LES23\_(PL-CORE-5000-930-Z3)\_1102.2lm@250mA\_P=9.93654W\_I=249.8mA



Luminaire: LEDiL Oy F13325\_ANGELINA-S\_(WU-M-485)

Lamps: 1 x Vossloh\_Schwabe-WU-M-485\_(WU-M-485-830)\_1209.62lm@250mA\_P=8.43849W\_I=249.8mA



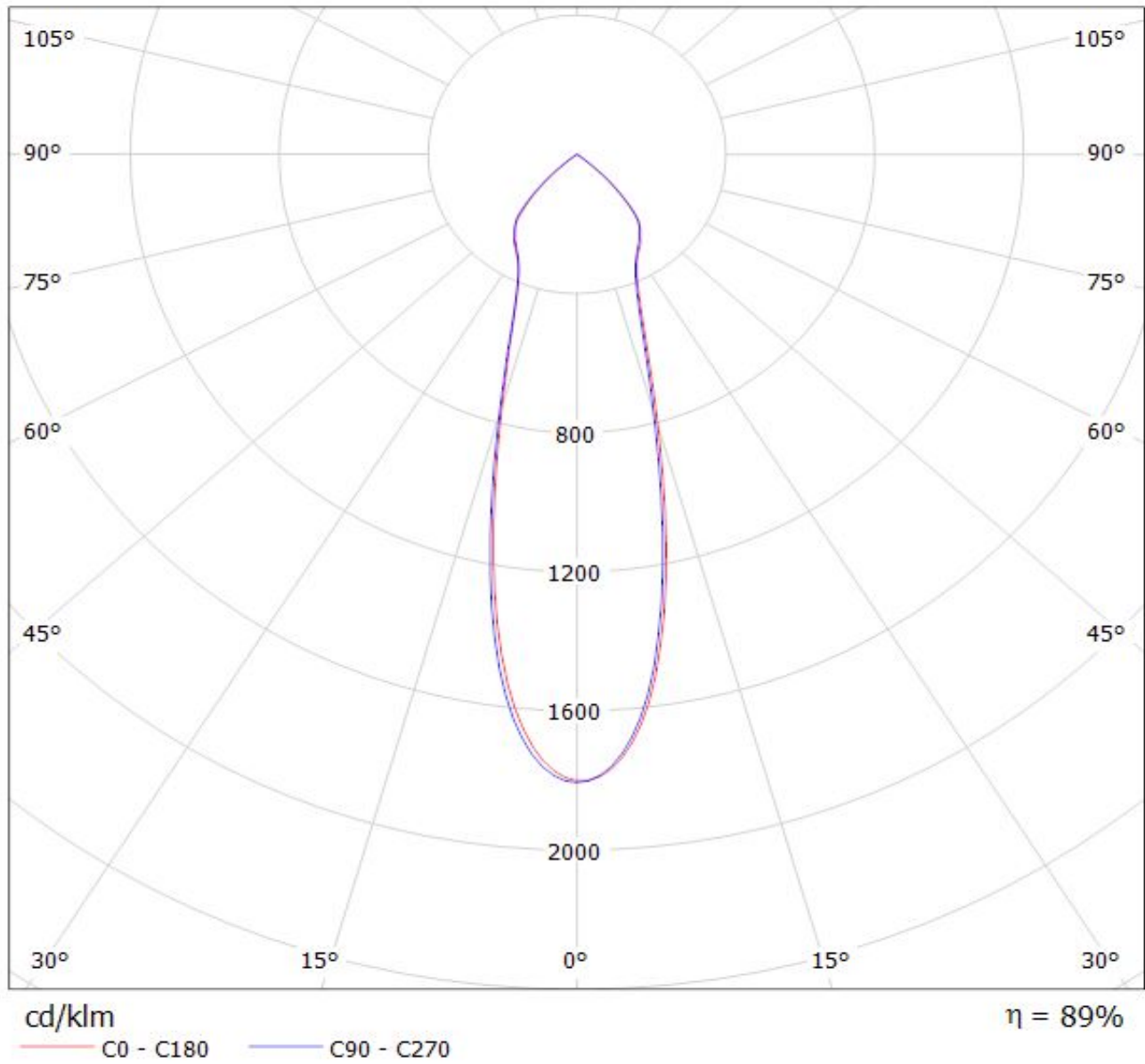
cd/klm

— C0 - C180

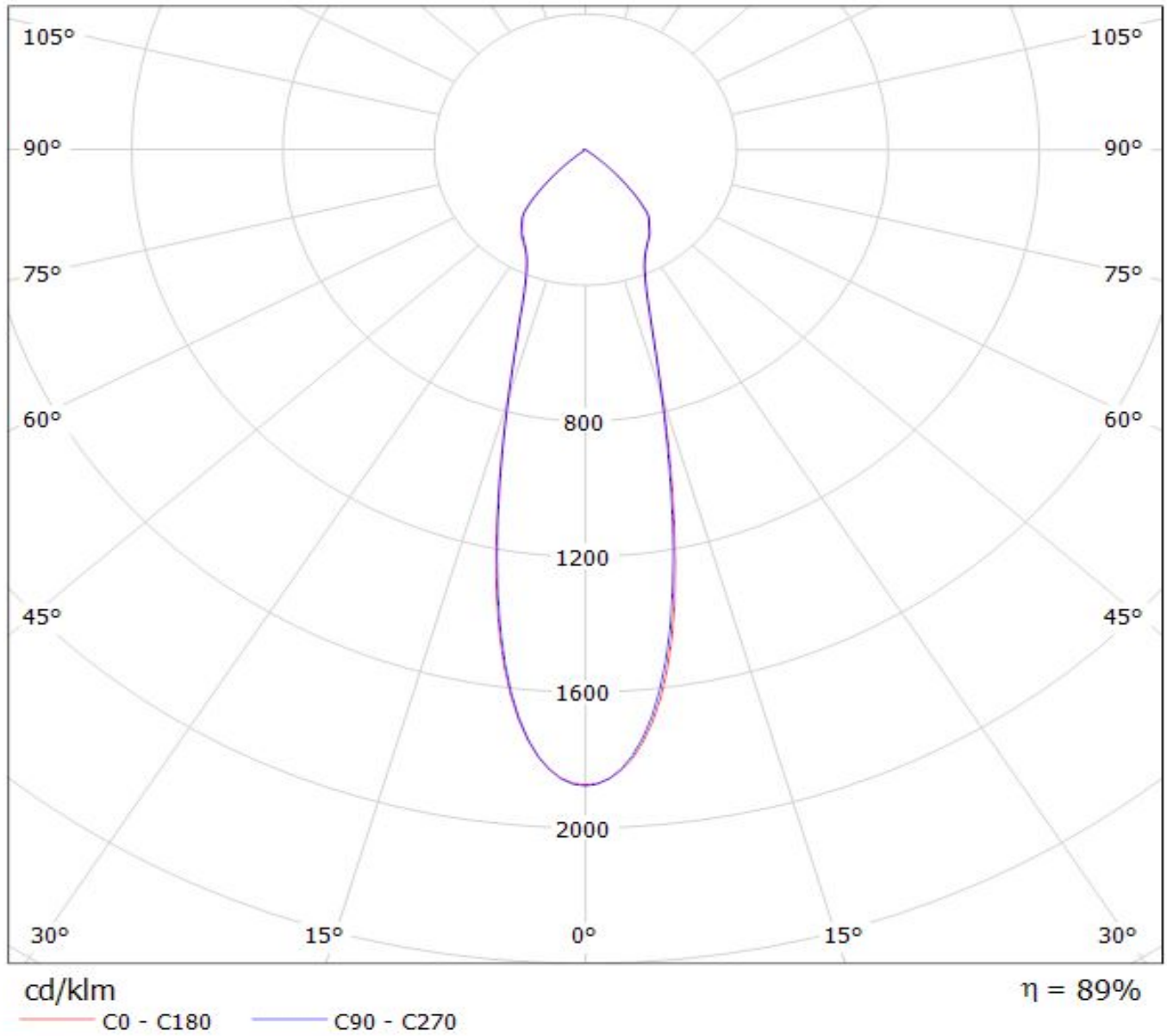
— C90 - C270

$\eta = 93\%$

Luminaire: LEDiL Oy F13325\_ANGELINA-S\_(STARK\_SLE\_G2\_LES26) Eff.89.2%  
Lamps: 1 x TRIDONIC STARK SLE G2 LES26 830 CLA 1095.88lm@250mA CCT=3000K P=8W I=250mA

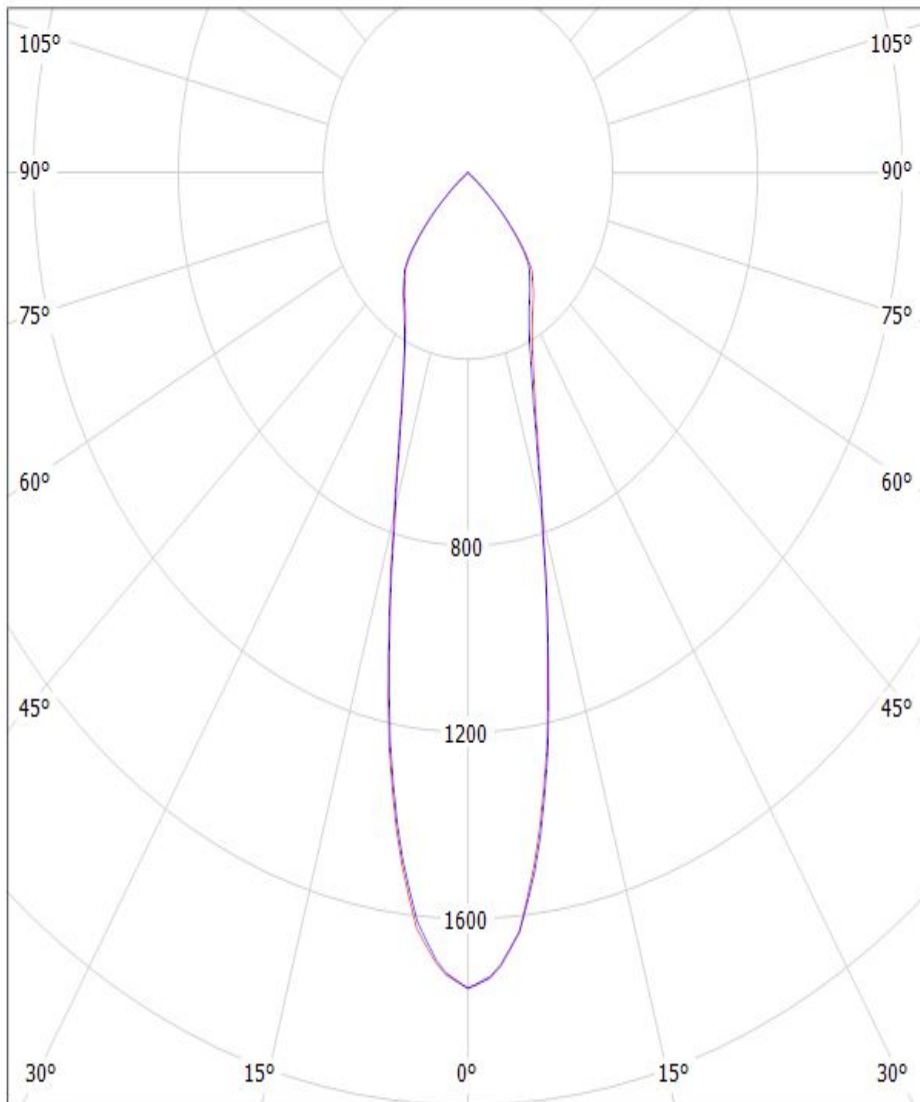


Luminaire: LEDiL Oy F13325\_ANGELINA-S\_(FORTIMO\_4500) Eff.89.2%  
Lamps: 1 x PHILIPS Fortimo 4500 1197lm@250mA I:250mA P:10.8W



Luminaire: LEDiL Oy F13325\_ANGELINA-S\_(SLE\_G3\_LES23) Eff.91.2%

Lamps: 1 x TRIDONIC\_STARK\_SLE\_G3\_LES23\_(STARK-SLE-PURE\_G3-23-3000-930-SEL)\_813.196lm@250mA\_CCT=3000K\_P=8.20018W\_I=249.8mA



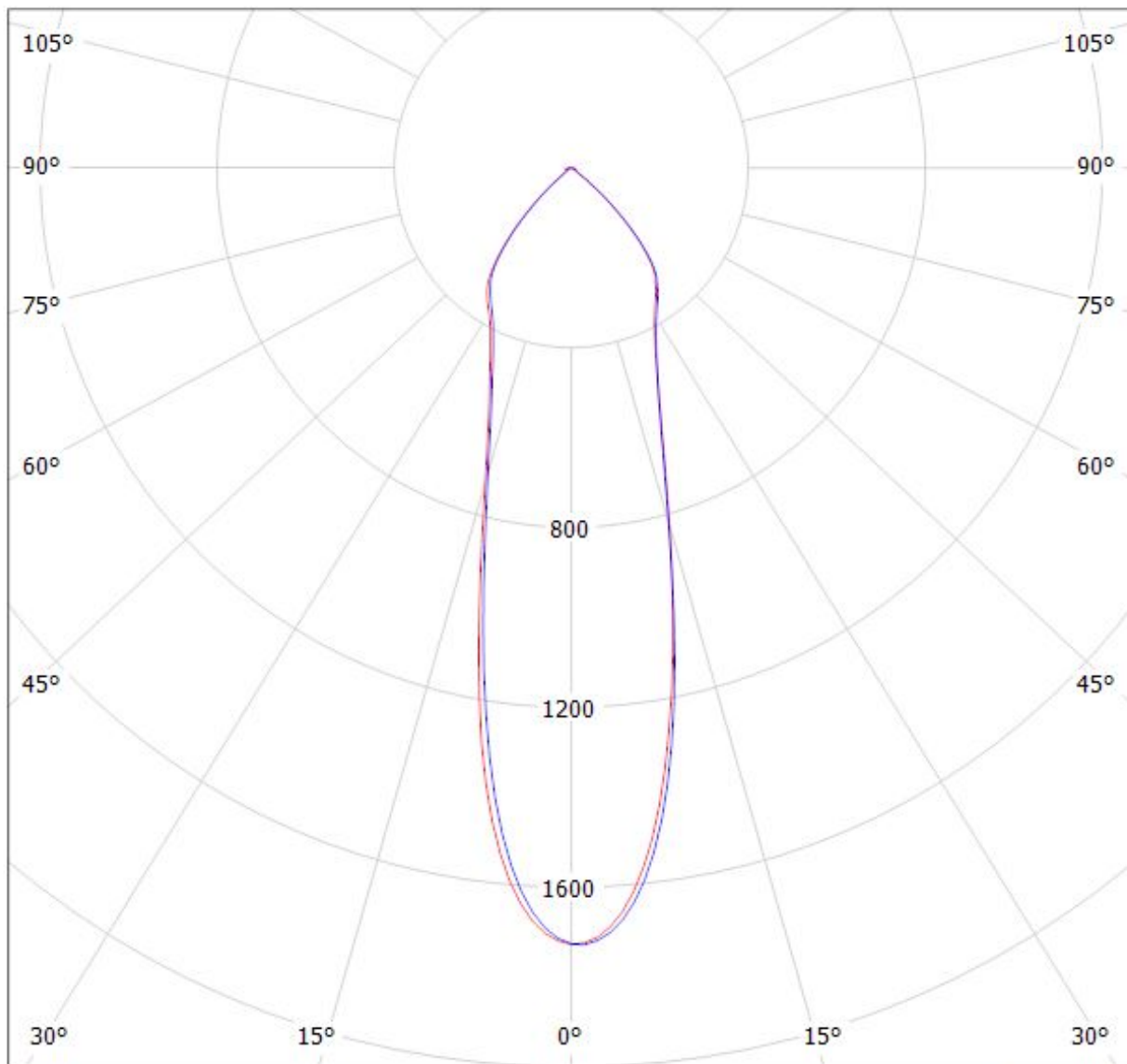
cd/klm

— C0 - C180 — C90 - C270

$\eta = 91\%$

Luminaire: LEDiL Oy F13325\_ANGELINA-S\_(CXA30) Eff.94%

Lamps: 1 x CREE\_CXA30\_(CXA3050-3C0-Y2-N0H)\_1340.66lm@250mA\_P=8.16471W\_CCT=5000K\_I=249.8mA



cd/klm

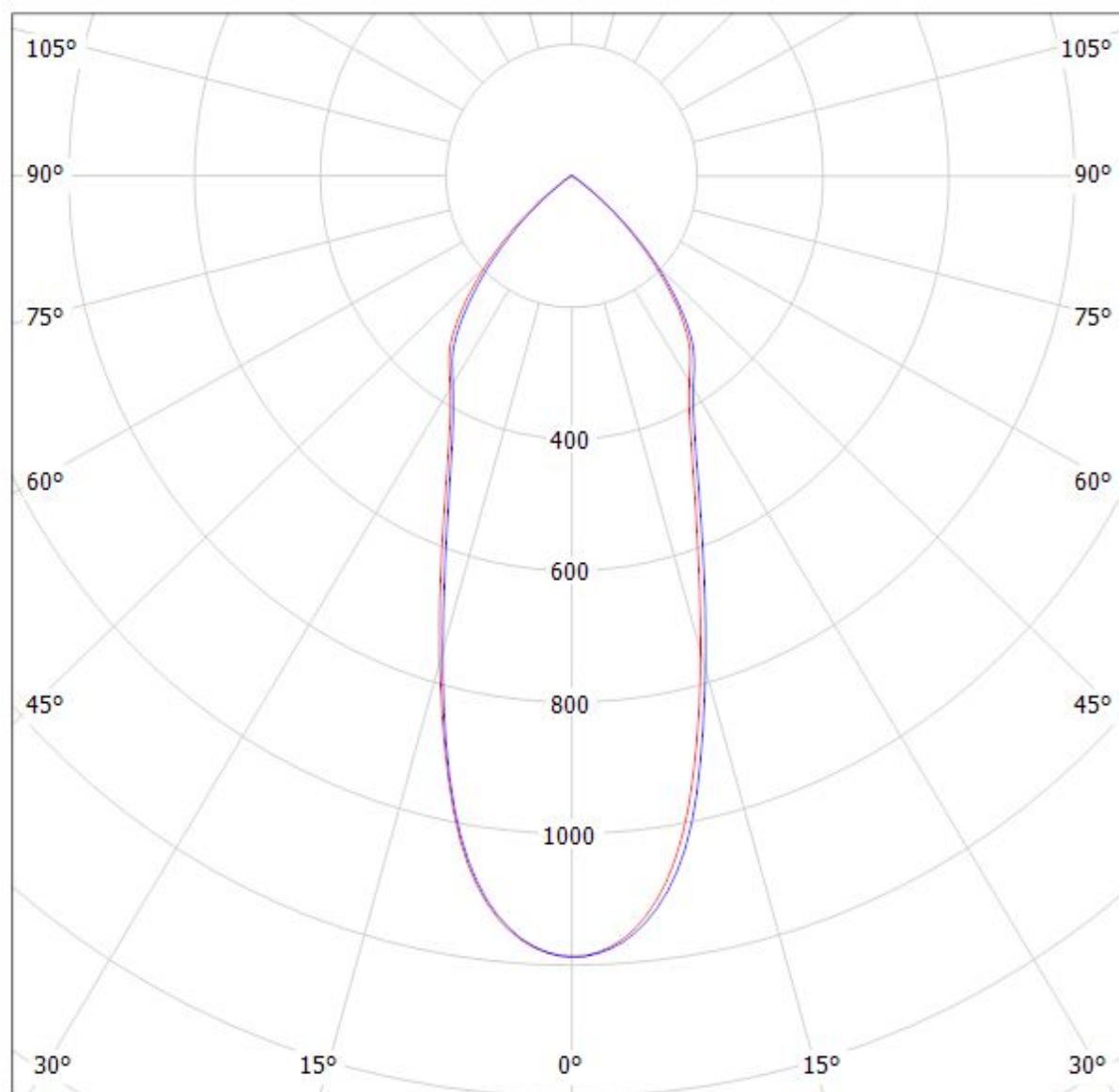
— C0 - C180

— C90 - C270

$\eta = 94\%$

Luminaire: LEDiL Oy F13325\_ANGELINA-S\_(CXA3590)

Lamps: 1 x CREE\_CXA3590\_(CXA3590-30F-BD-R0H-0002)\_2640.14lm@250mA\_CCT=3000K\_P=16.3941W\_I=249.8mA



cd/klm

— C0 - C180

— C90 - C270

$\eta = 93\%$



**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.
- Reflector is made of aluminium coated PC (120 degrees of Celcius / 248 degrees of Fahrenheit) with protective lacquer (short term 100 degrees of Celcius / 212 degrees of Fahrenheit).

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.