

DETAILS

| | |
|------------------------|---------------------------|
| Product Number | F14622_ANGELETTE-WW-PLAIN |
| Family | Angelette |
| Type | Reflector |
| Color | metal |
| Diameter | 110 mm |
| Height | 57,3 mm |
| Style | round |
| Optic Material | PC |
| Holder Material | |
| Fastening | |
| Status | production ready |
| ROHS Compliant | Yes |
| Date Updated | 8/02/2017 |

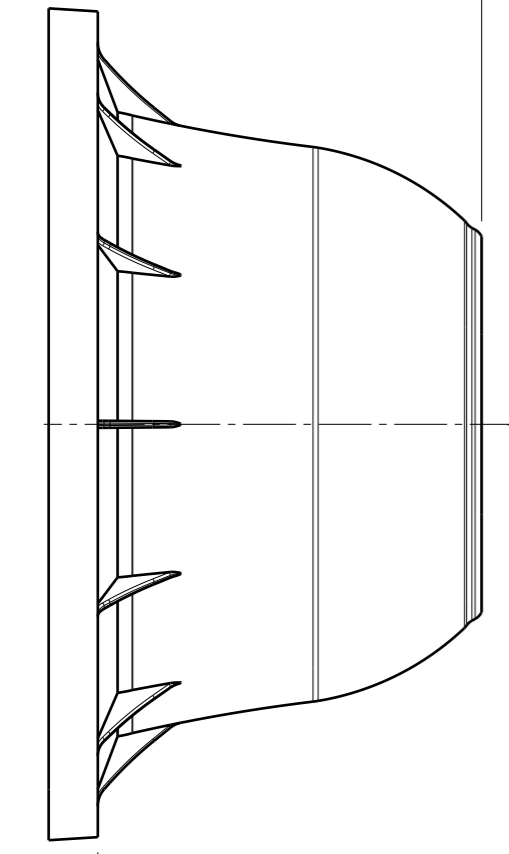


OPTICAL PROPERTIES

| LED | Viewing Angle | Light Beam | Efficiency | cd/lm | Connector |
|--------------------------------|---------------|------------|------------|------------|--|
| V22 Gen6 | 63 deg | Very Wide | 89 % | 0.920 | - |
| V13 Gen7 | 59 deg | Very Wide | 90 % | 1.100 | TE: 2213254-2 + OPTIC CLIP Z50 TYPE1 2213194-1 |
| V22 Gen7 | sim: 55 | Very Wide | sim: 94 % | sim: 1.345 | IDEAL: 50-2204-CT + 50-2100AN |
| CLL03x/CLU03x | 61 deg | Very Wide | 89 % | 1.100 | TE: 2213254-2 + OPTIC CLIP Z50 TYPE1 2213194-1 |
| CLL04x/CLU04x | 63 deg | Very Wide | 89 % | 0.930 | IDEAL: 50-2204-CT + 50-2100AN |
| CLL03x/CLU03x | 59 deg | Very Wide | 89 % | 1.100 | IDEAL: 50-2103CT + 50-2100AN |
| CLU730/731 | 57 deg | Very Wide | 89 % | 1.100 | IDEAL: 50-2204-CT + 50-2100AN |
| LUXEON CoB 1208 | 61 deg | Very Wide | 89 % | 1.100 | IDEAL: 50-2100SH + 50-2100AN |
| LUXEON CoB 1208 | 61 deg | Very Wide | 89 % | 1.100 | TE: 2213130-2 + OPTIC CLIP Z50 TYPE1 2213194-1 |
| LUXEON CoB 1211 | 63 deg | Very Wide | 89 % | 0.970 | IDEAL: 50-2204-CT + 50-2100AN |
| LUXEON CoB 1216 | 63 deg | Very Wide | 89 % | 0.920 | IDEAL: 50-2204-CT + 50-2100AN |
| COB L-Type (LES 11) | 51 deg | Very Wide | 88 % | 1.200 | IDEAL: 50-2100NC + 50-2100AN |
| COB L-Type (LES 11) | 53 deg | Very Wide | 89 % | 1.200 | TE: 2213382-2 + OPTIC CLIP Z50 TYPE1 2213194-1 |
| PrevaLED Core Z4 LES19 | 62 deg | Very Wide | 89 % | 1.000 | TE: OPTIC CLIP Z50 TYPE1 2213194-1 |
| Soleriq S19 | 63 deg | Very Wide | 89 % | 1.000 | TE: 2213407-2 + OPTIC CLIP Z50 TYPE1 2213194-1 |
| Soleriq S13 Gen2 | 56 deg | Very Wide | 89 % | 1.100 | TE: 2213254-2 + OPTIC CLIP Z50 TYPE1 2213194-1 |
| Soleriq S13 Gen2 | 56 deg | Very Wide | 88 % | 1.100 | - |
| Fortimo SLM G5 LES 15 Standard | 62 deg | Very Wide | 89 % | 1.000 | TE: 2213134-2 + OPTIC CLIP Z50 TYPE1 2213194-1 |
| LC040C | 53 deg | Very Wide | 89 % | 1.200 | TE: 2213382-2 + OPTIC CLIP Z50 TYPE1 2213194-1 |
| AC Zhaga COB | 70 deg | Very Wide | 89 % | 0.850 | Optosource: SEHSMJD-A |
| WU-M-484 | 56 deg | Very Wide | 89 % | 1.100 | TE: OPTIC CLIP Z50 TYPE1 2213194-1 |

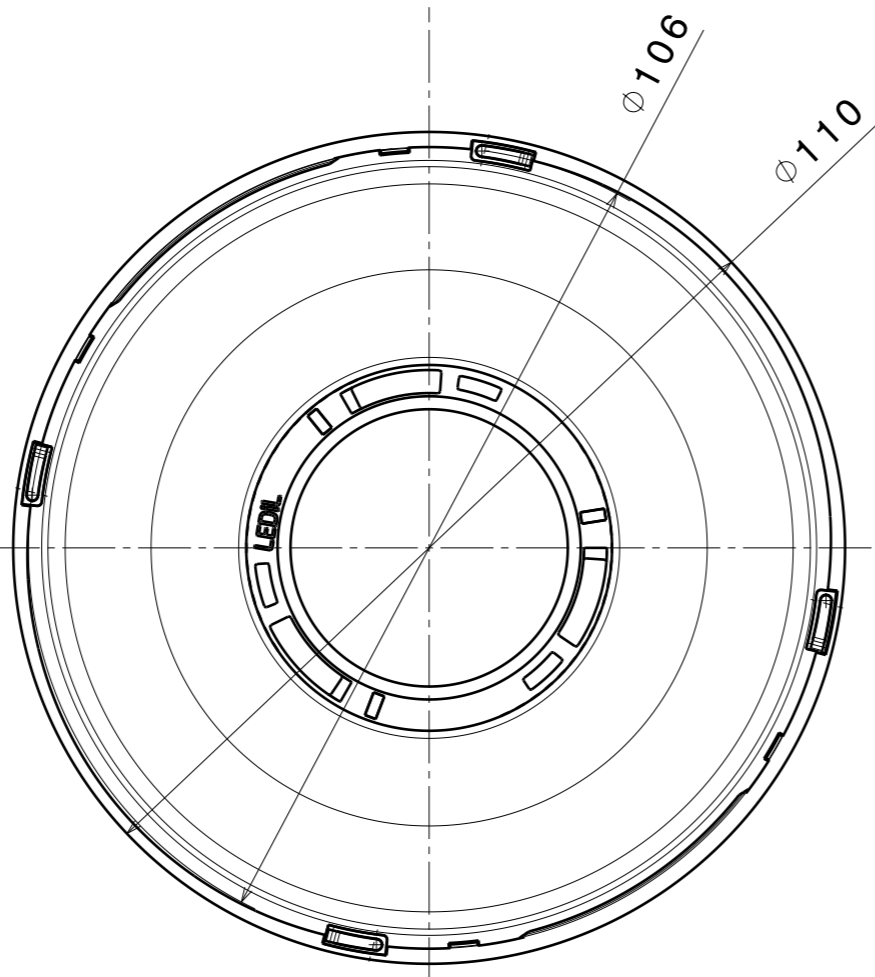
NOTE:
 Customer may add additional light modifying parts to Angelette family(excluding the plain versions):
 Minimum height of additional part is 1.5mm and maximum is 2.2mm. Diameter is 105.9mm±0.3

57.26 + Basepart



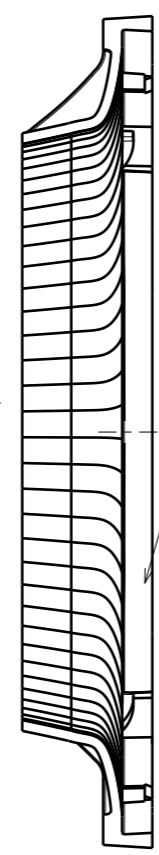
6.5

Front view



Top view

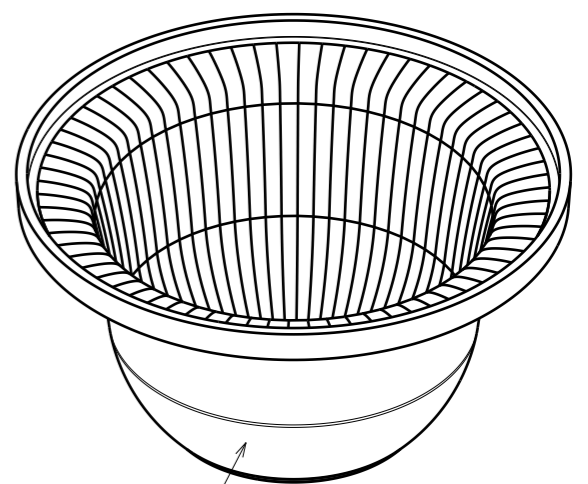
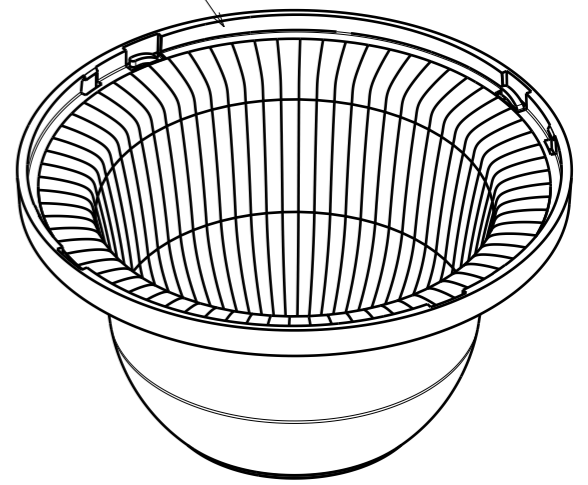
∅106
 ∅110



Section view

Section view

ANGELETTE-WW



ANGELETTE-WW-PLAIN

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

THIRD ANGLE PROJECTION:

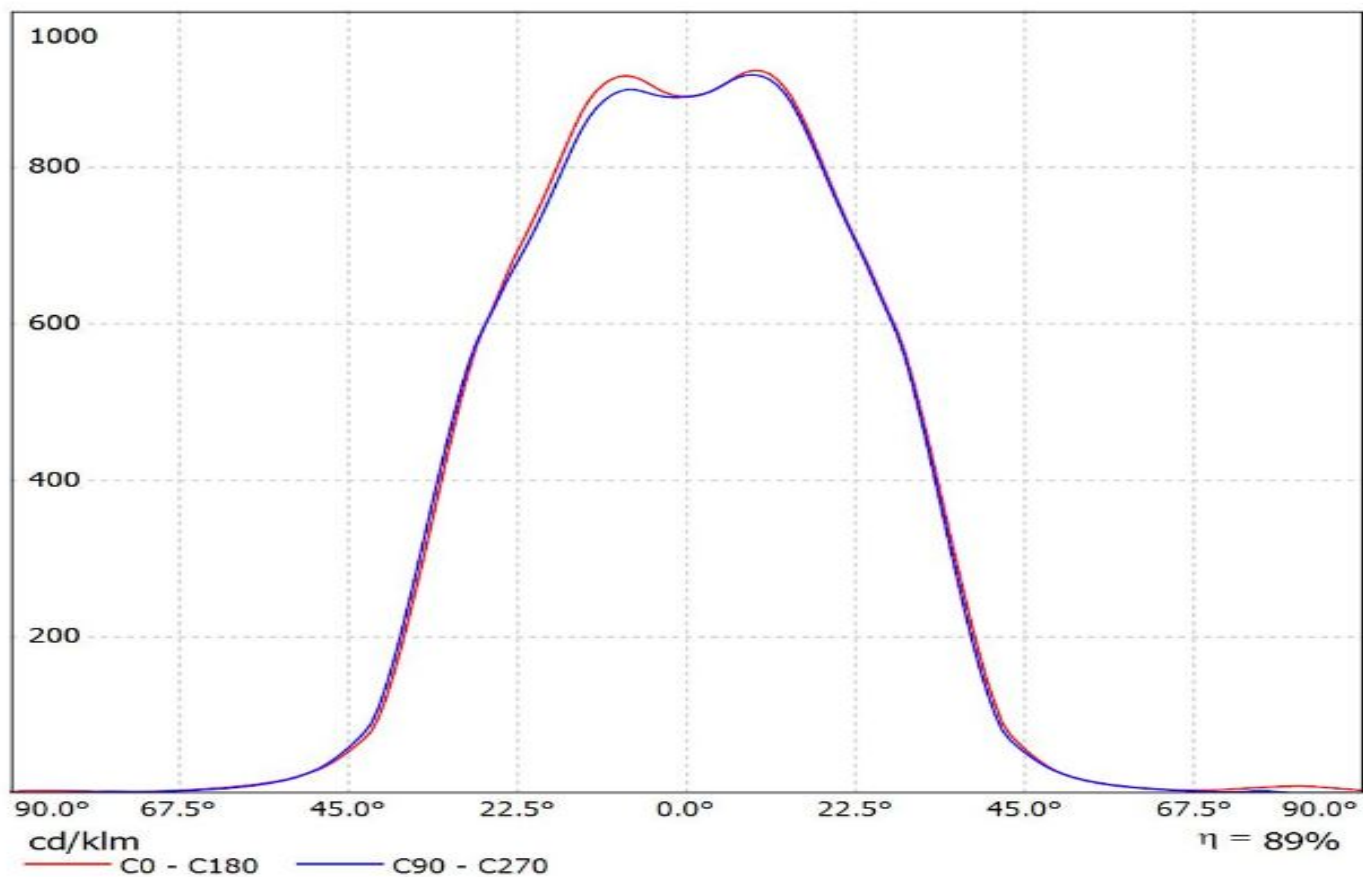
DRAWING TITLE
Datasheet_ANGELETTE-WW

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SIZE **A3** PART NUMBER **ANGELETTE-WW**
ANGELETTE-WW-PLAIN

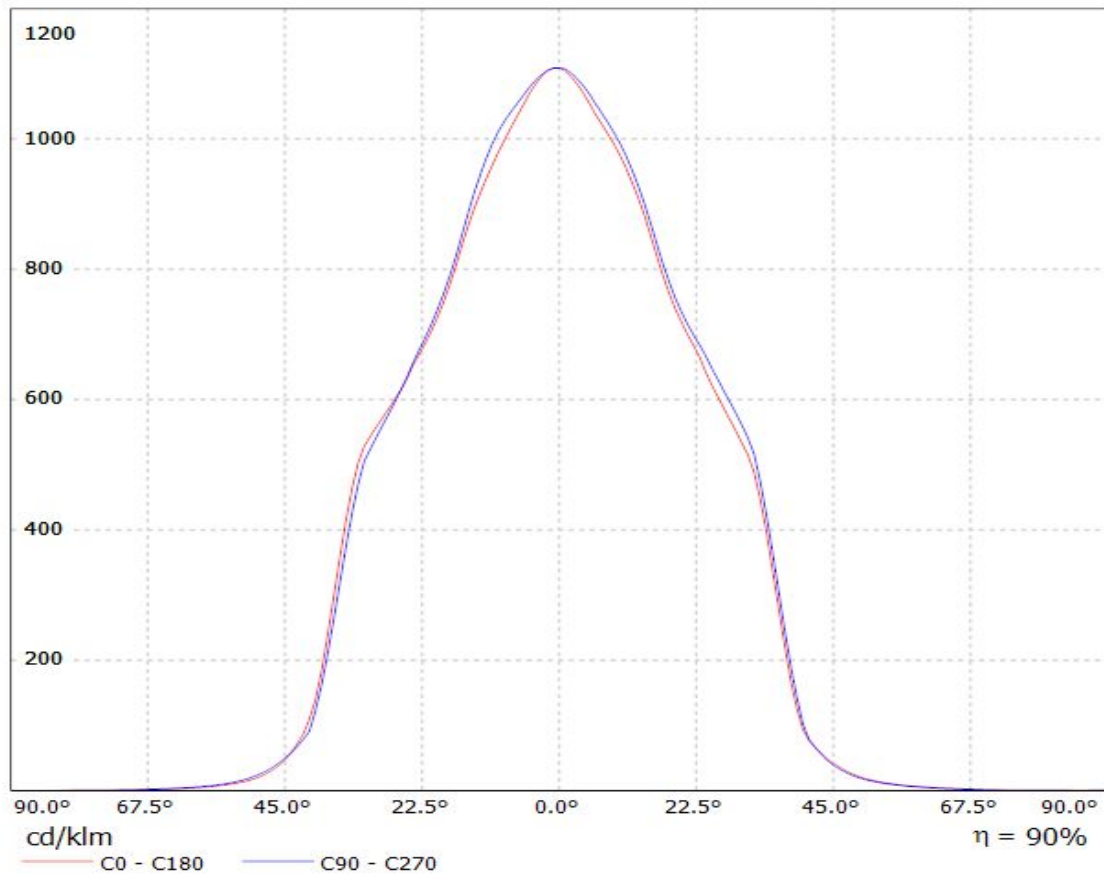
SCALE **1:1** WEIGHT SHEET **1/1**

Luminaire: Ledil F14622_ANGELETTE-WW-PLAIN_(V22+IDEAL)
Lamps: 1 x Bridgelux_V22_(BXRE30E6500H-Y2)_+50-2204CT_+_50-2100AN_1193.54lm@250mA_CCT=3000K_P=8.0988W_I=0.25A

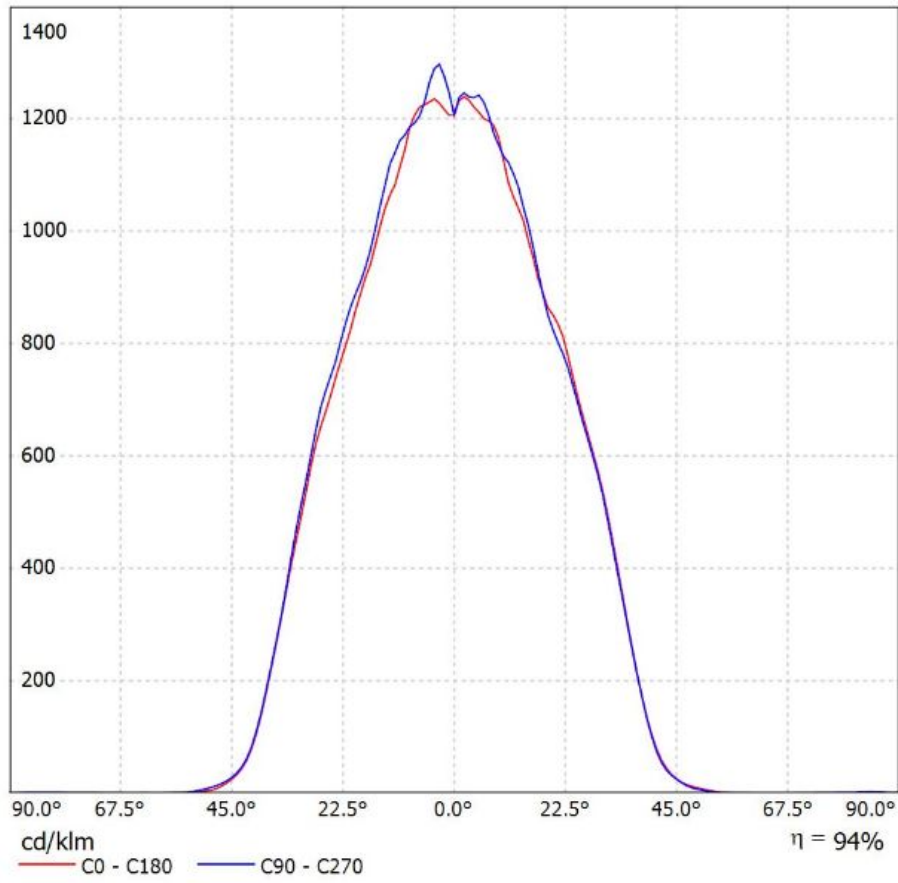


Luminaire: LEDiL Oy F14622_ANGELETTE-WW-PLAIN_(V13_Gen7)+TE

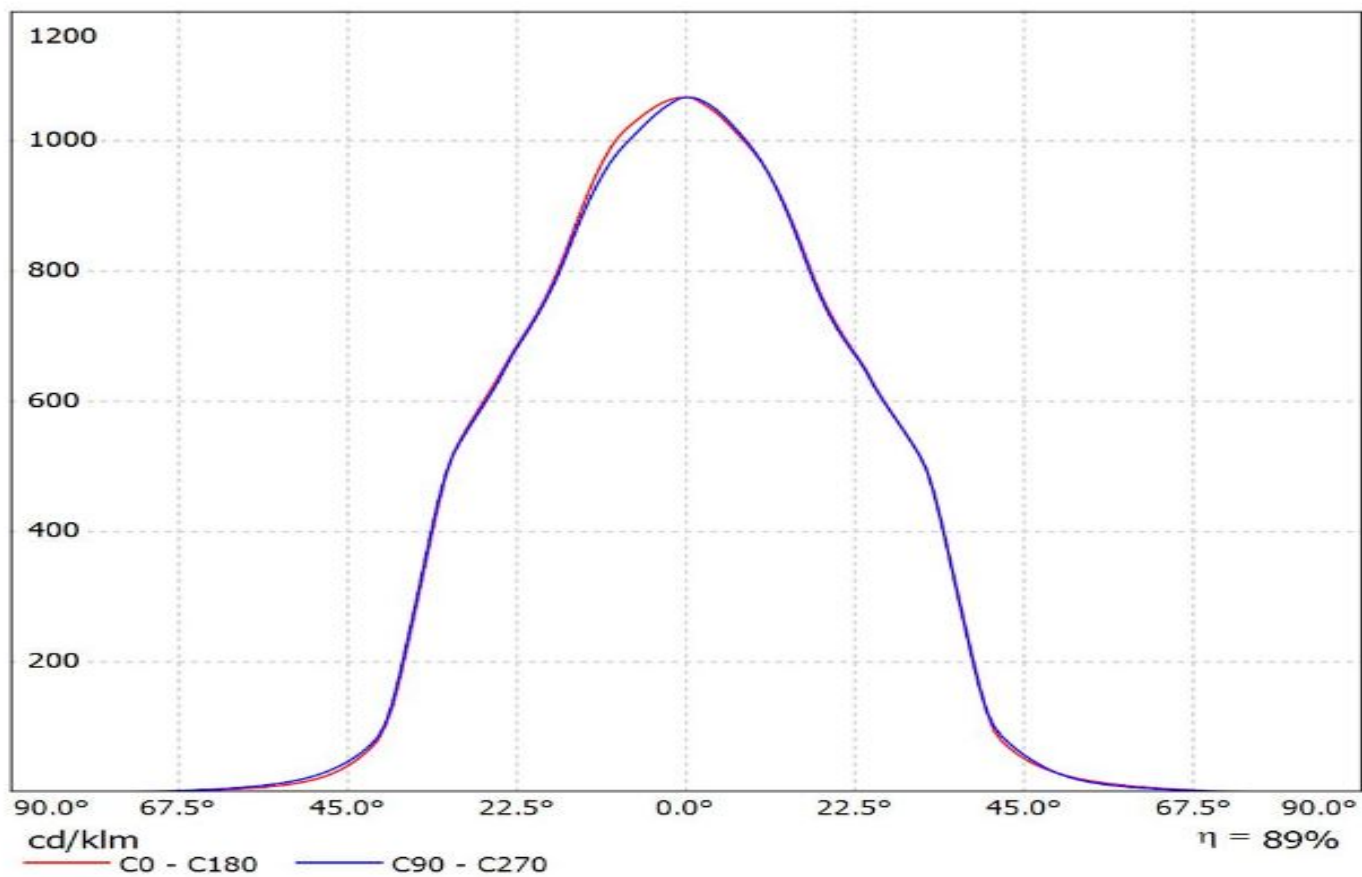
Lamps: 1 x Bridgelux_V13_Gen7_(BXRE-30E2000-B_+TE_2213254-2+TE_2213194-1)_1295.55lm@250mA_P=8.30985W_I=0.25A



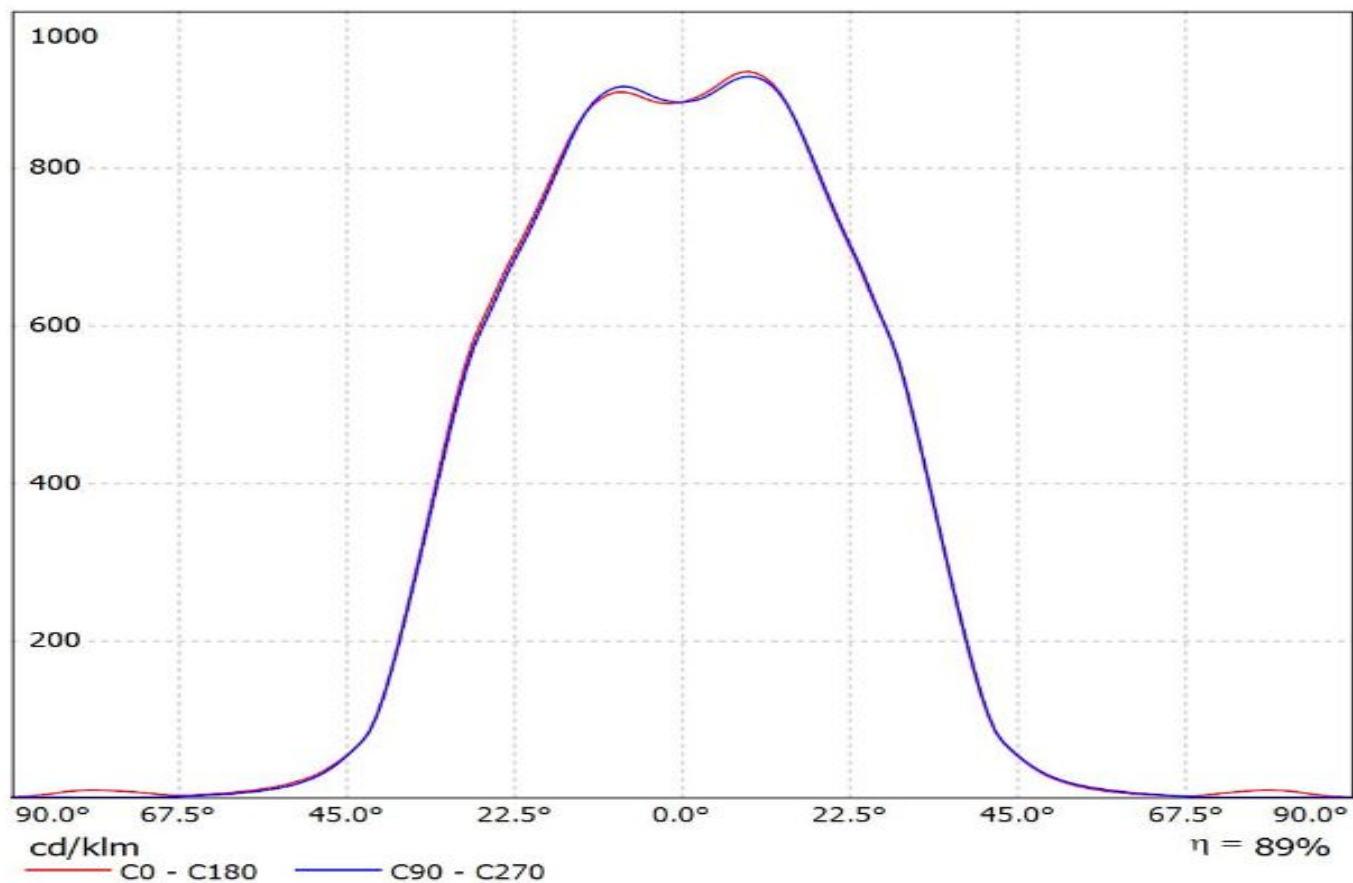
Luminaire: Ledil Oy F14622_ANGELETTE-WW-PLAIN_Bridgelux_V22_Gen7_SIMULATED F14622_ANGELETTE-WW-PLAIN_Bridgelux_V22_Gen7_SIMULATED
Lamps: 1 x F14622_ANGELETTE-WW-PLAIN_Bridgelux_V22_Gen7_SIMULATED



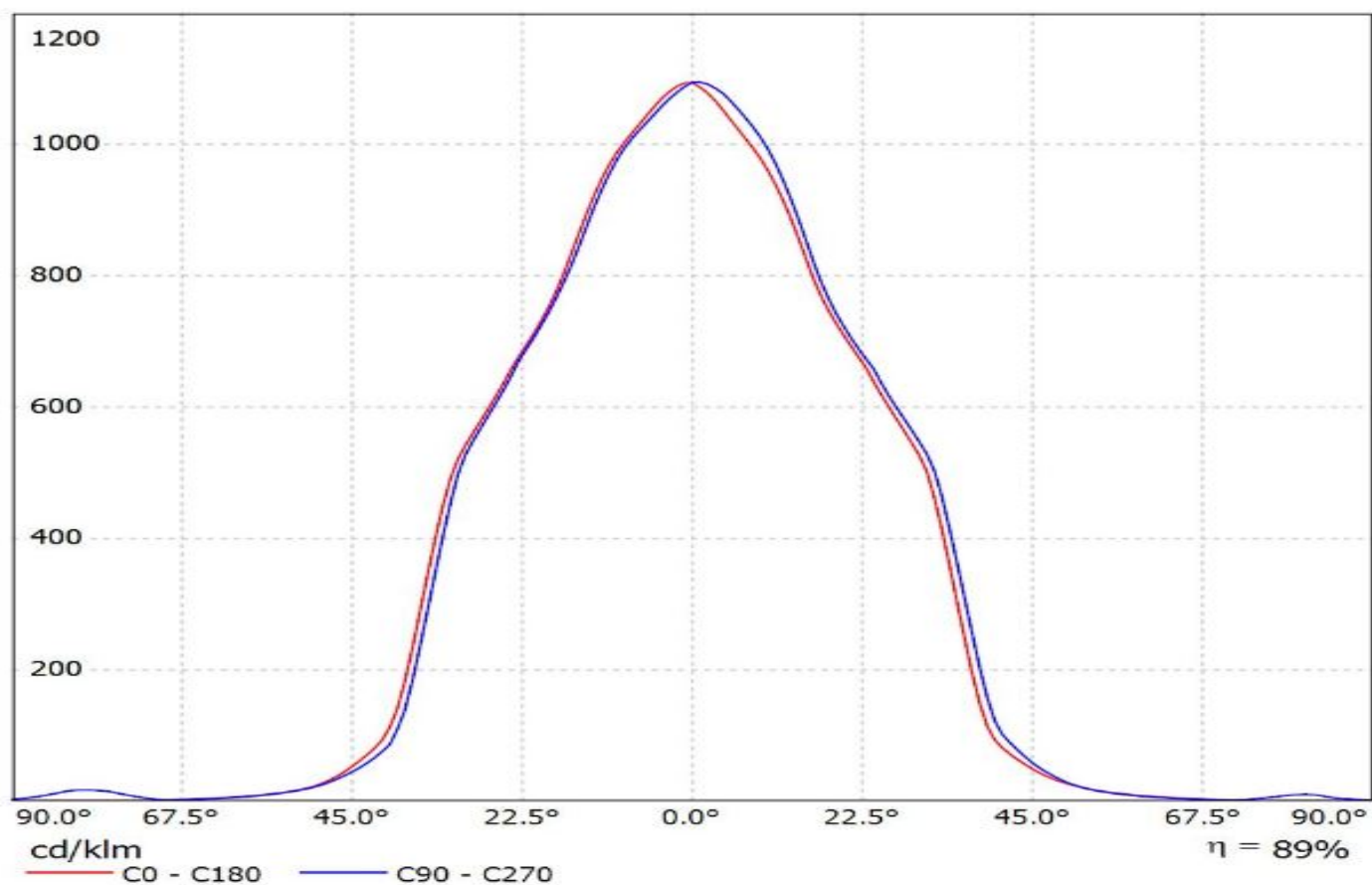
Luminaire: Ledil F14622_ANGELETTE-WW-PLAIN_(CLU038+TE)
Lamps: 1 x Citizen_CLU038_(-1205C4-273MZK1)_+2213254-2_+2213194-
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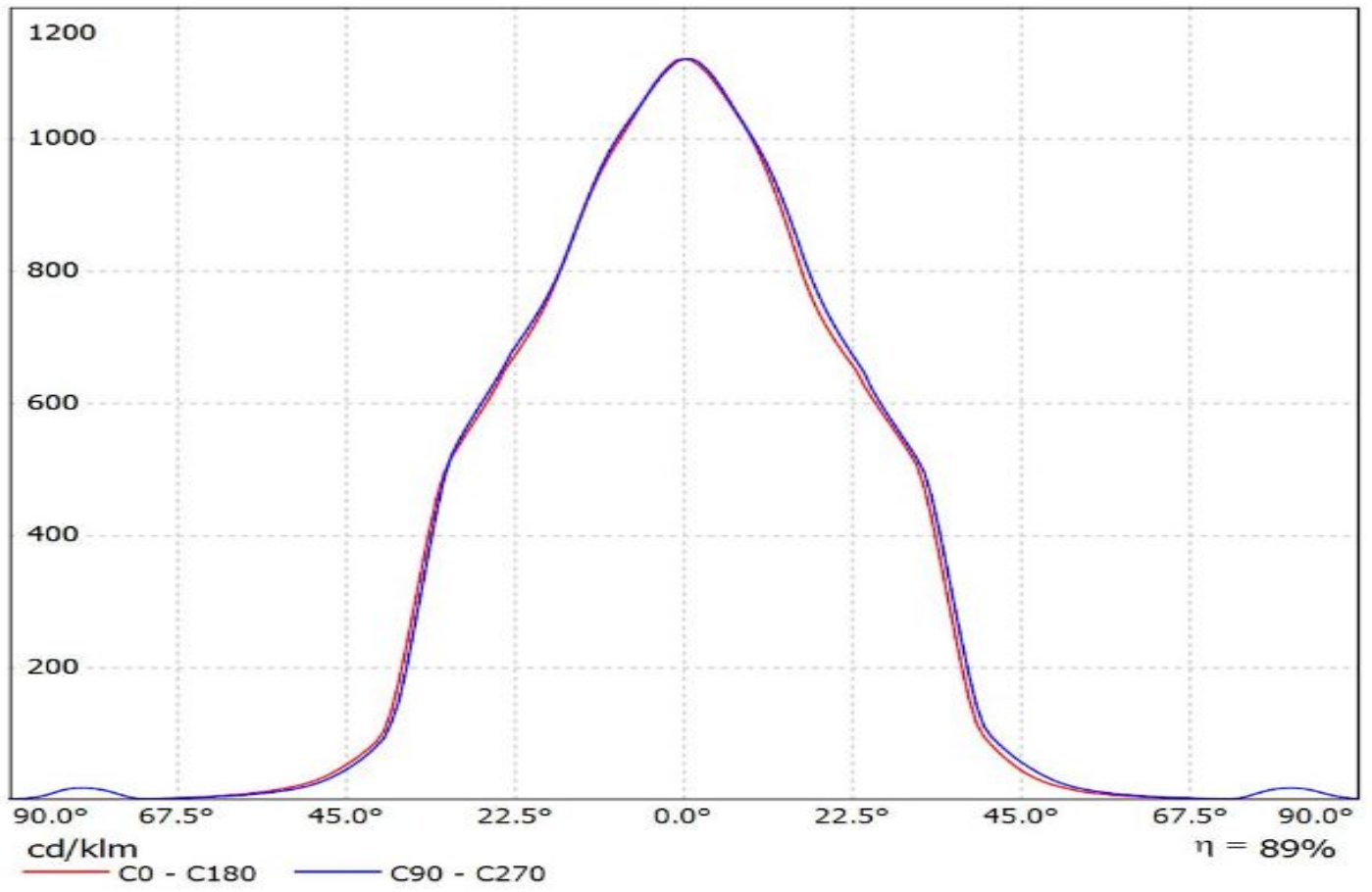
Luminaire: Ledil F14622_ANGELETTE-WW-PLAIN_(CLU046+IDEAL)
Lamps: 1 x Citizen_CLU046_(-1212C1-303M2G2)_1383.92lm@250mA_CCT=3000K_P=8.122W_I=0.25A



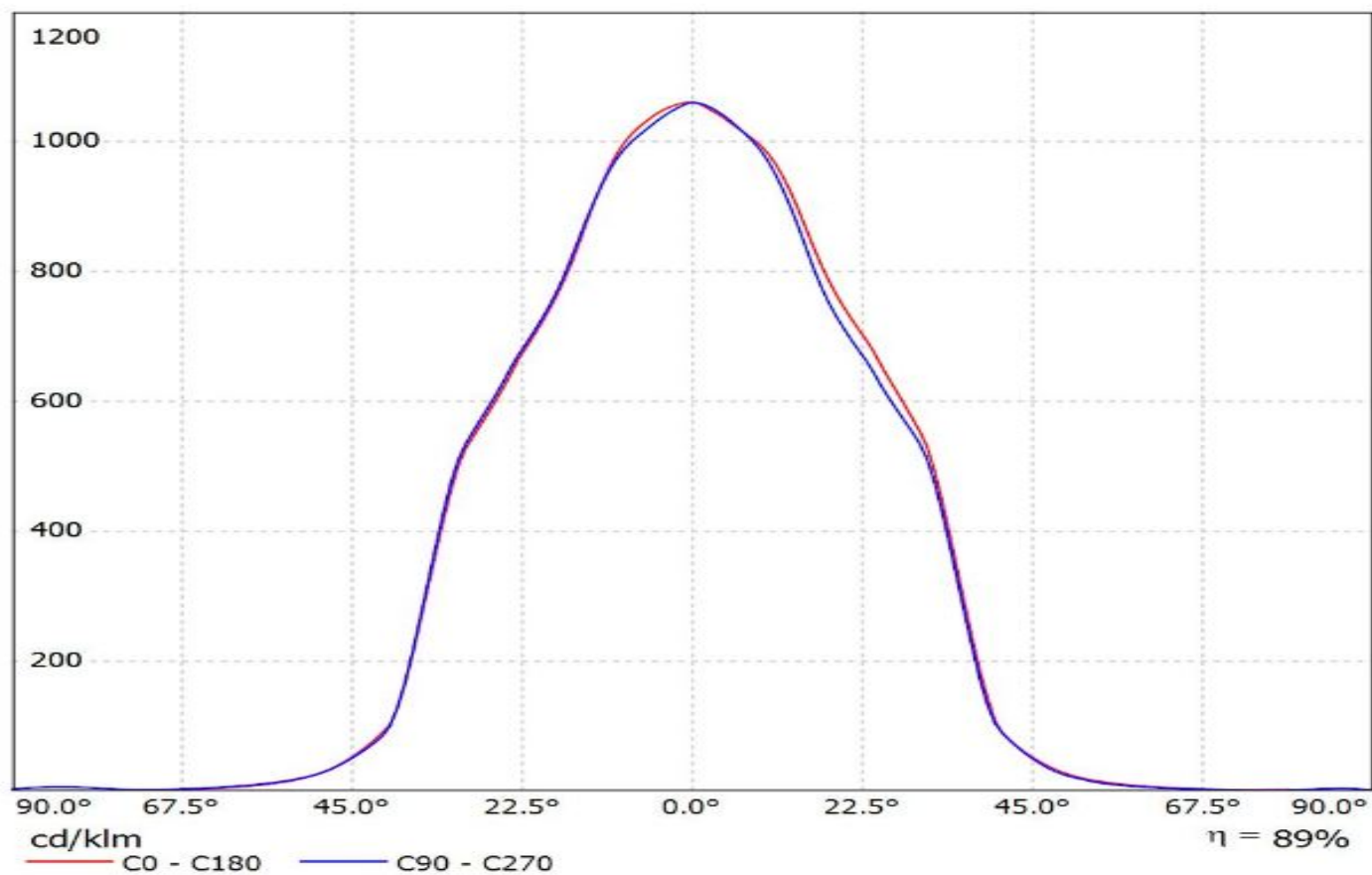
Luminaire: Ledil F14622_ANGELETTE-WW-PLAIN_(CLU036+IDEAL)
Lamps: 1 x CITIZEN_CLU036_(-1208C1-303M2G2)_IDEAL_50-2103CT+50-2100AN_1299.86lm@250mA_CCT=3000K_P=8.249W_I=0.25A



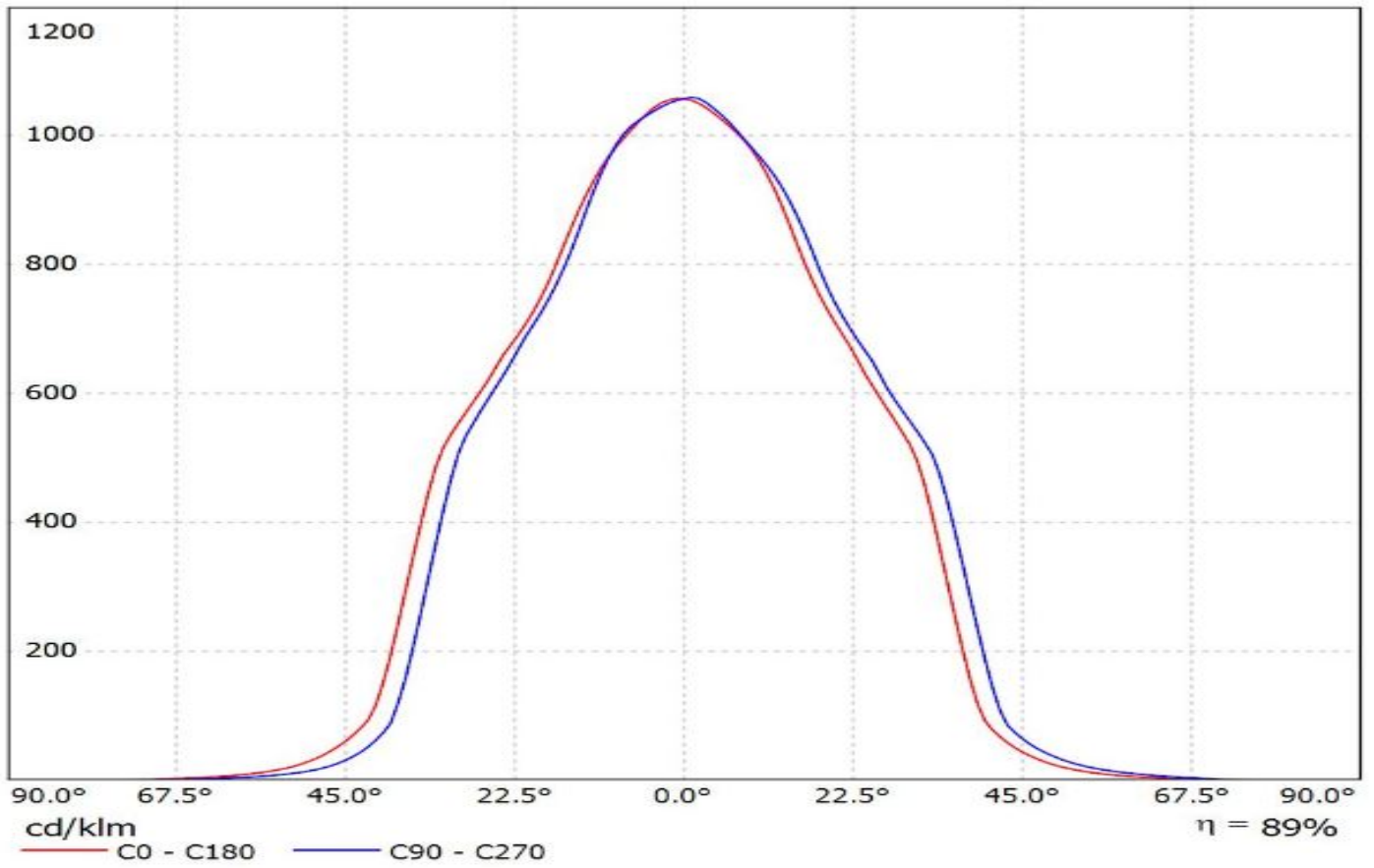
Luminaire: Ledil F14622_ANGELETTE-WW-PLAIN_(CLU730+IDEAL)
Lamps: 1 x Citizen_CLU730_(-1210B8-273M2G1)_IDEAL_50-2204C+50-2100AN



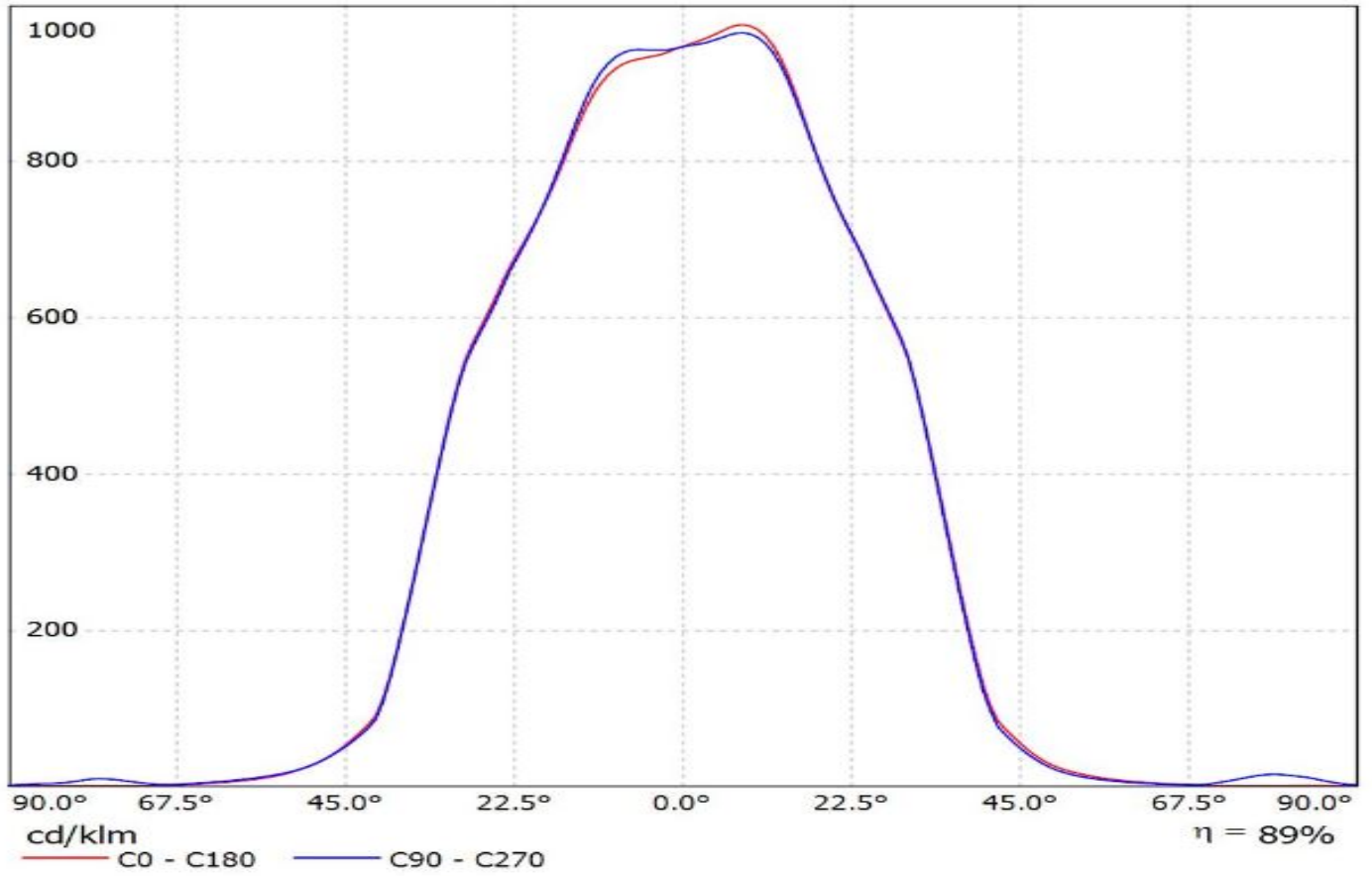
Luminaire: Ledil F14622_ANGELETTE-WW-PLAIN_(CoB1208+IDEAL)
Lamps: 1 x Luxeon_CoB1208+_50-2100SH+50-2100AN_1062.11lm@250mA_CCT=3000K_P=8.3007W_I=0.25A



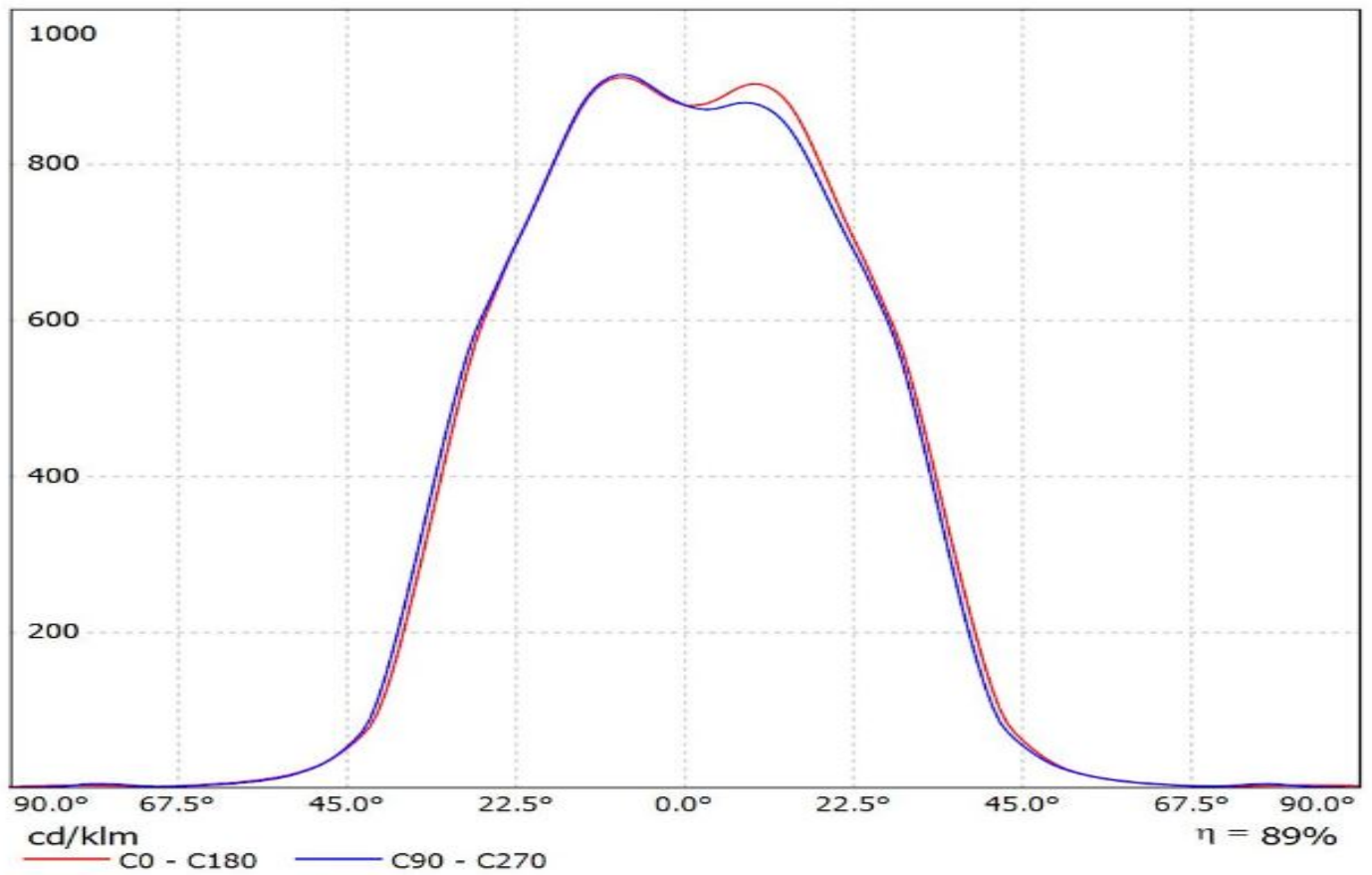
Luminaire: Ledil F14622_ANGELETTE-WW-PLAIN_(CoB1208+TE)
Lamps: 1 x Luxeon_CoB1208_+ 2213130-2_+ 2213194-
1_1055.15lm@250mA_CCT=3000K_P=8.3007W_I=0.25A



Luminaire: Ledil F14622_ANGELETTE-WW-PLAIN_(CoB1211+IDEAL)
Lamps: 1 x Luxeon_CoB1211_(L2C2-4080)_50-2204CT+50-
2100AN_1376.18lm@250mA_P=7.9988W_I=0.25A

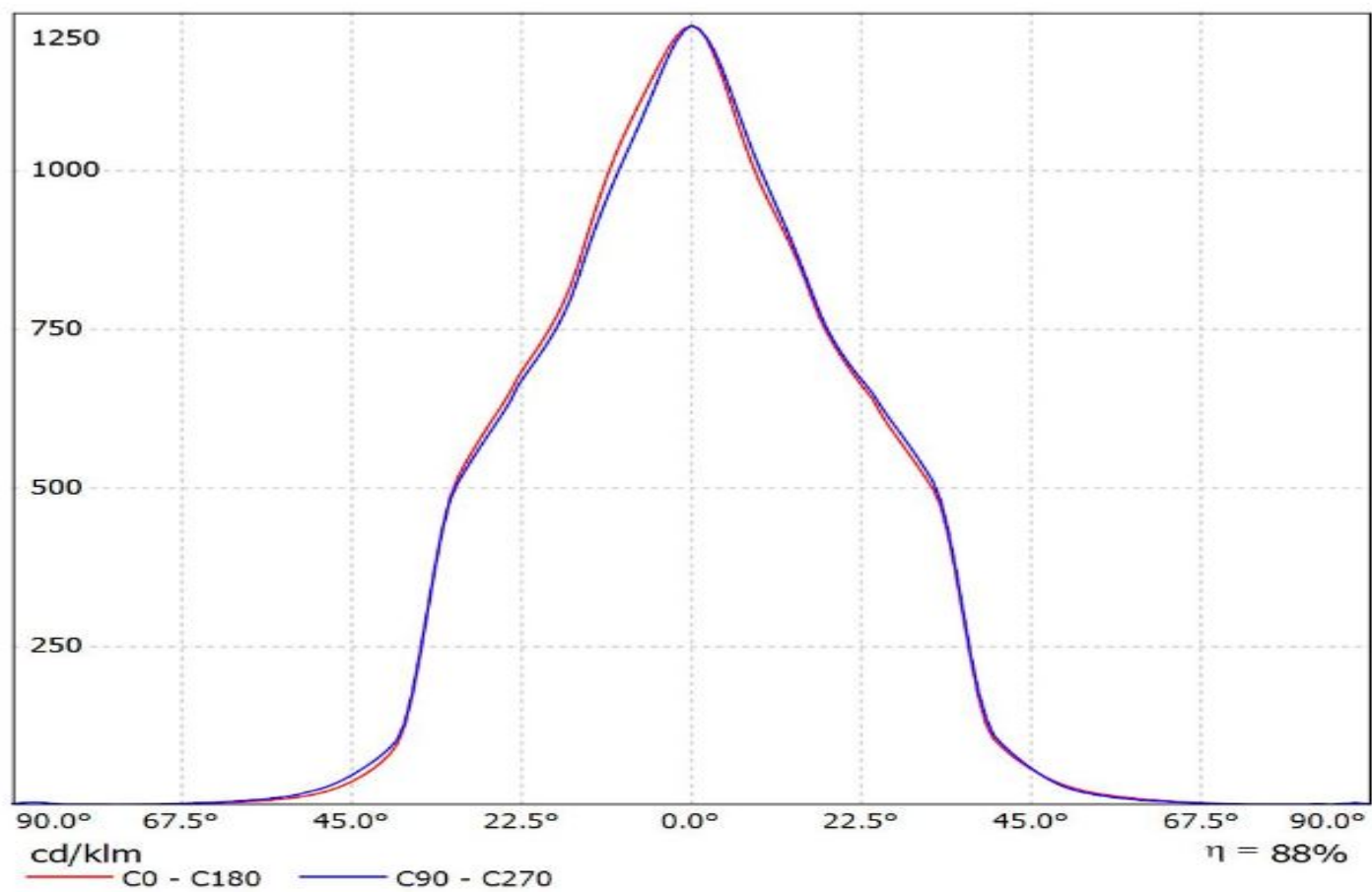


Luminaire: Ledil F14622_ ANGELETTE-WW-PLAIN_(CoB1216_IDEAL)
Lamps: 1 x Luxeon_CoB1216_(L2C2-40801216E2300)_+50-2204C_+_50-2100AN_1447.57lm@250mA_CCT=4000K_P=8.0135W_I=0.25A

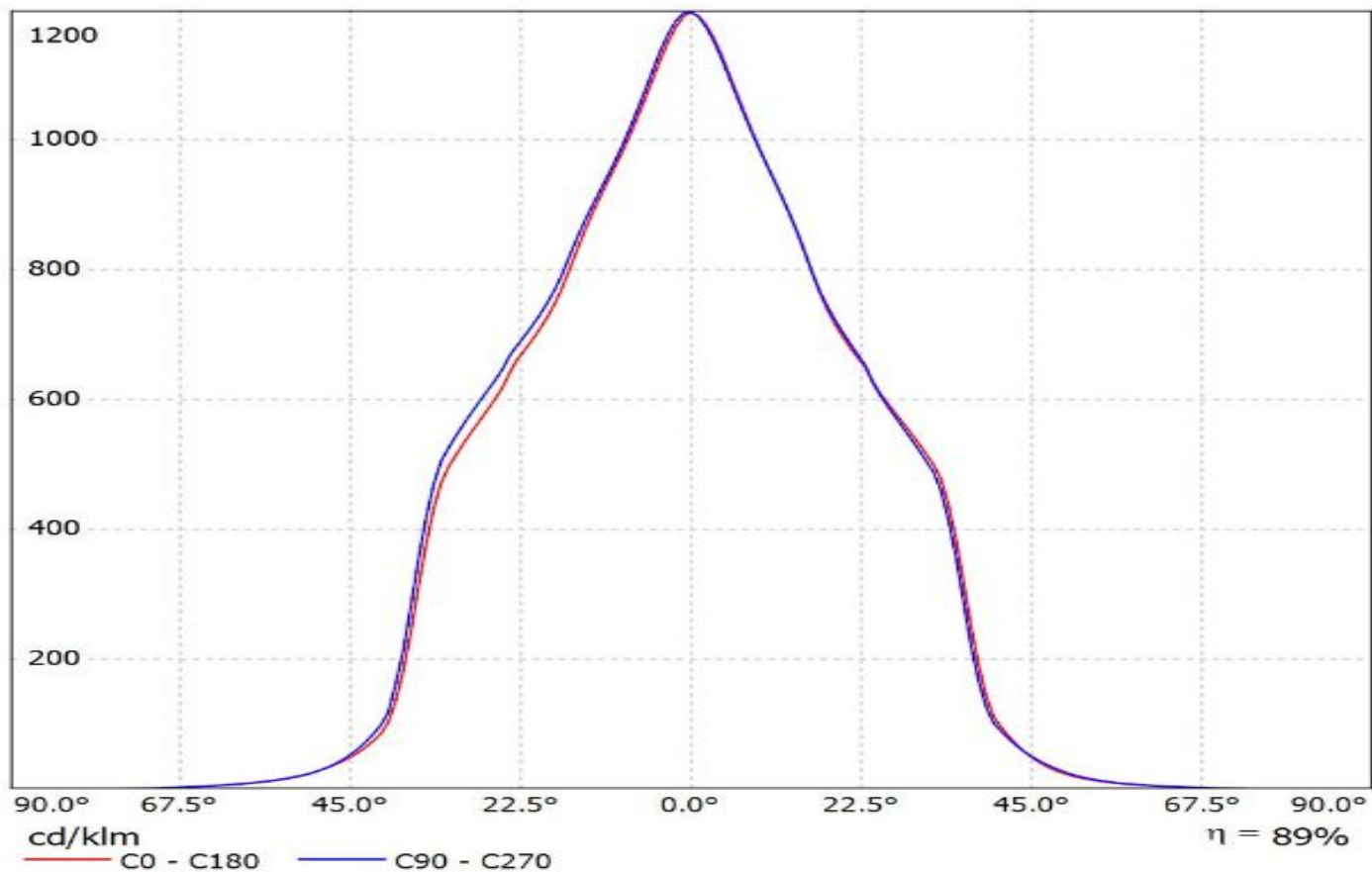


Luminaire: Ledil F14622_ANGELETTE-WW-PLAIN_(NVCLL024Z+IDEAL)

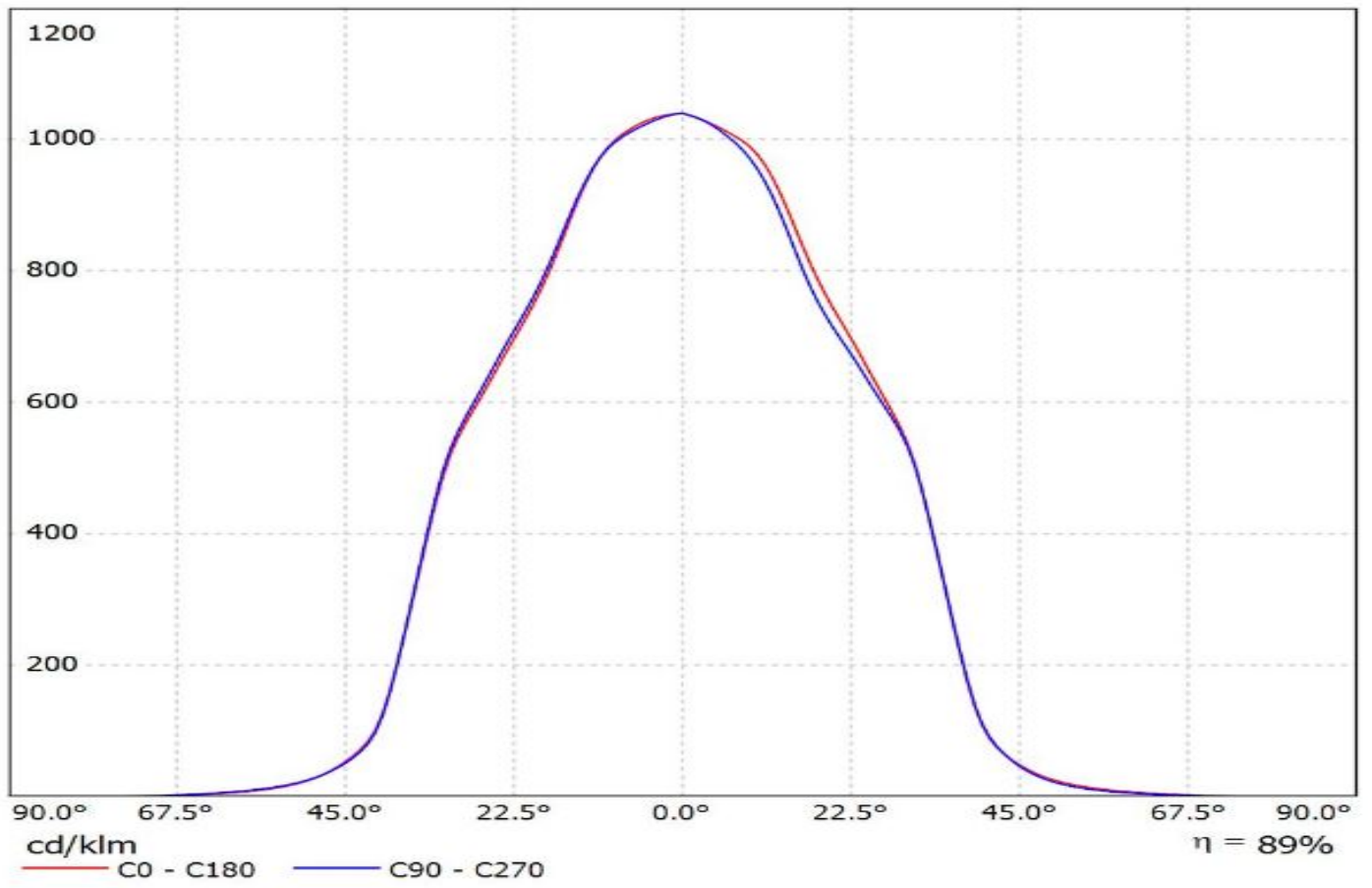
Lamps: 1 x Nichia_NVCxL024z_(NVCLL024z)_975.455lm@250mA_P=8.1468W_I=250A



Luminaire: Ledil F14622_ANGELETTE-WW-PLAIN_(NVCLL024Z+TE)
Lamps: 1 x Nichia_NVCLL024Z_+2213382-2_+2213194-
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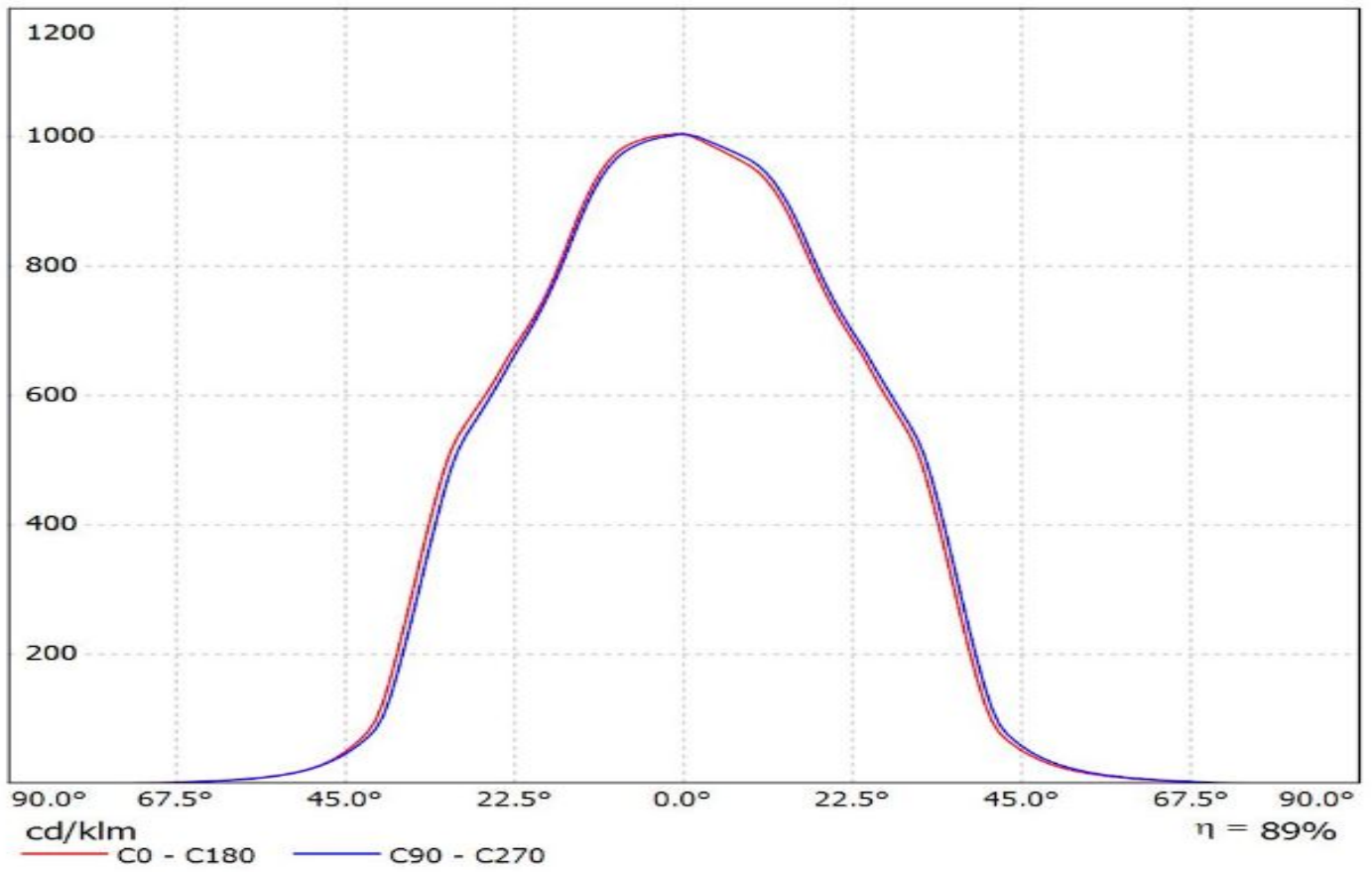


Luminaire: Ledil F14622_ANGELETTE-WW-PLAIN_(PREVALED_Core_Z4)
Lamps: 1 x PREVALED_Core_Z4_LES19_1470.62lm@250mA_P=10.828W_η=0.25A



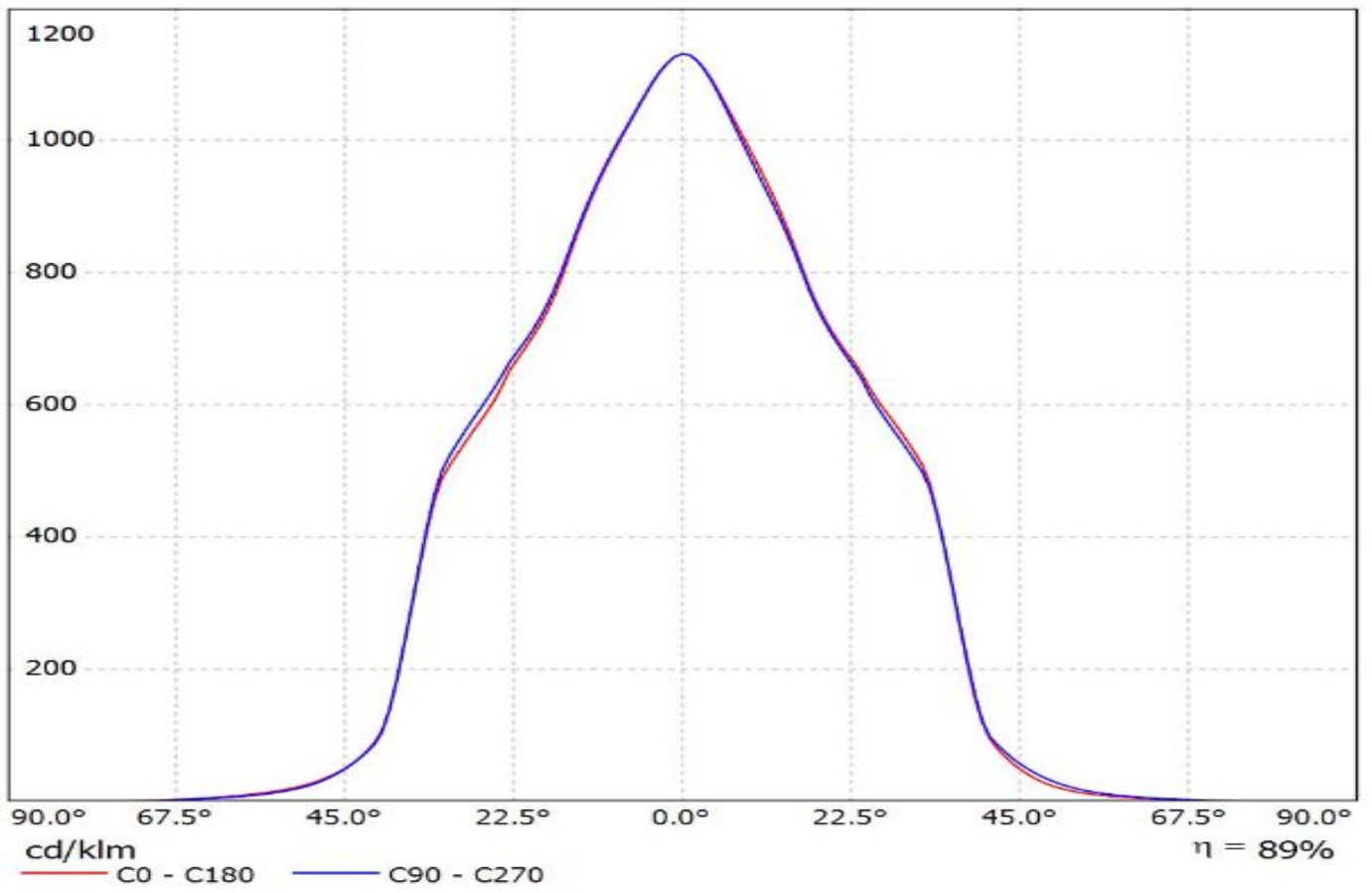
Luminaire: Ledil F14622_ANGELETTE-WW-PLAIN_(S19+TE)

Lamps: 1 x Osram_Soleroiq_S19_(GW_KAHJB1.EM)_+2213407-2+2213194-1_1546.1lm@250mA_CCT=3000K_P=11.021W_I=0.25A



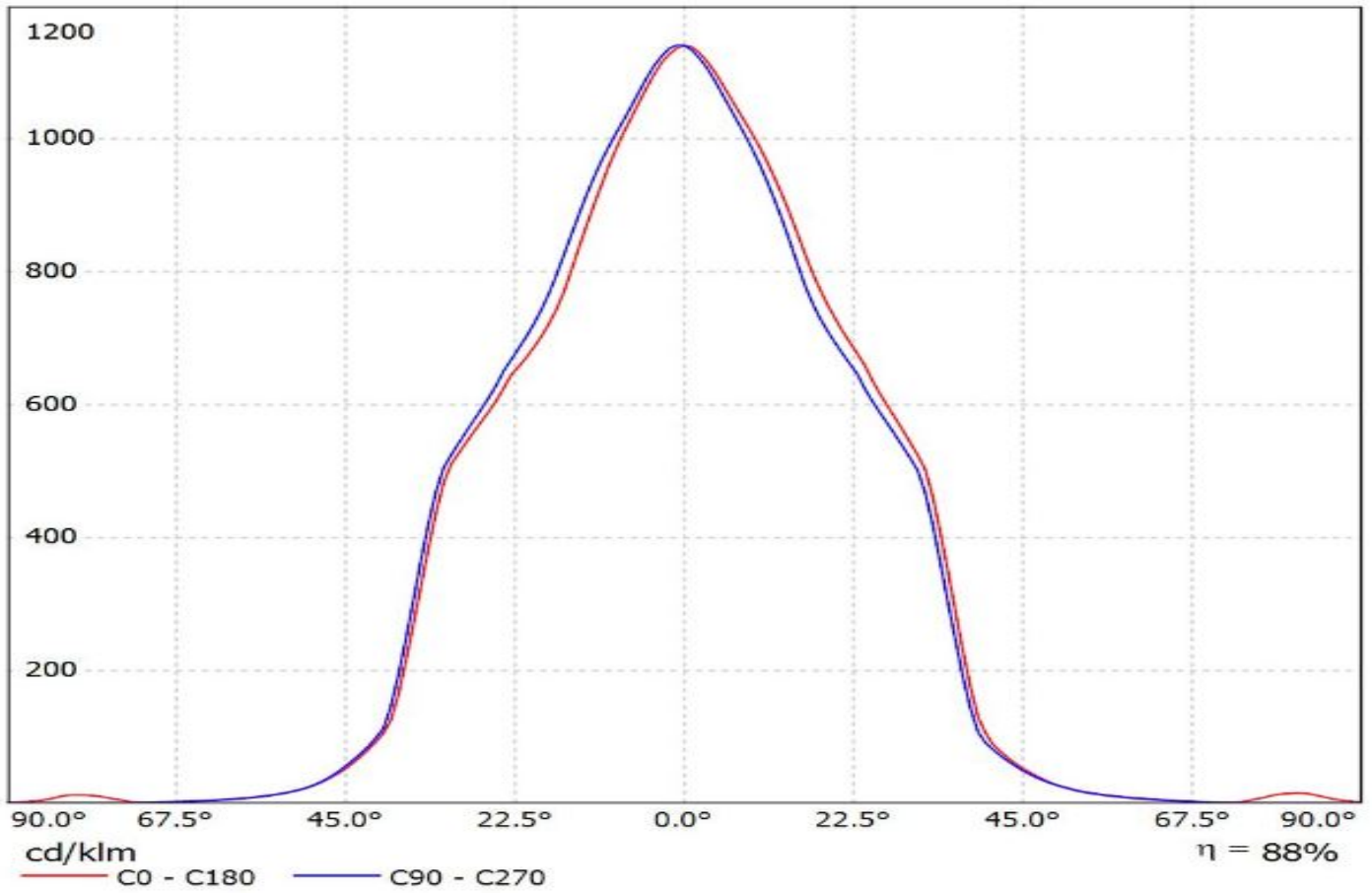
Luminaire: Ledil F14622_ANGELETTE-WW-PLAIN (S13_Gen2+TE)

Lamps: 1 x Soleriq_S13_Gen2+_2213254-2+_2213194-1_1309.23lm@250mA_P=8.7840W_I=0.250A



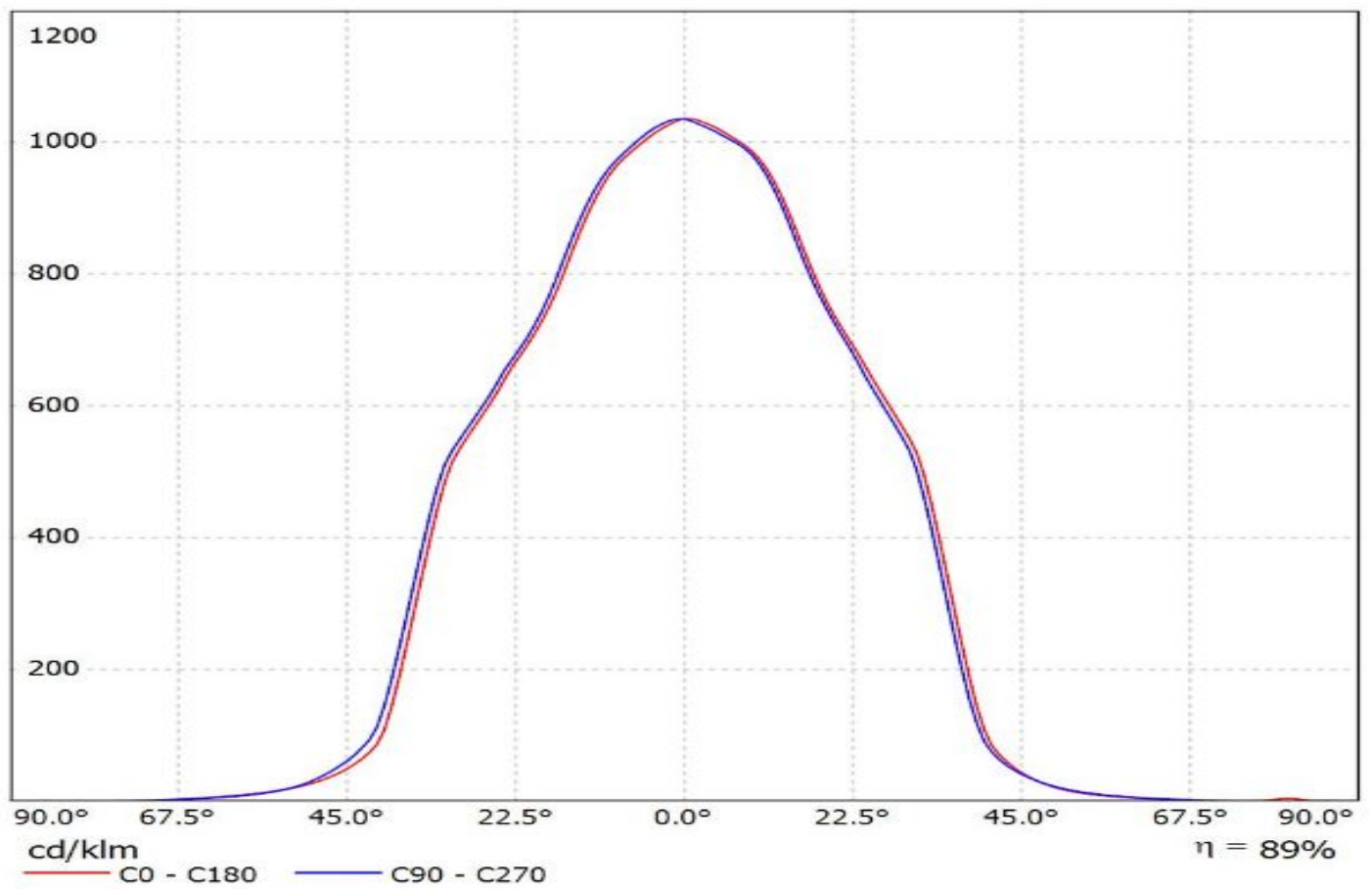
Luminaire: Ledil F14622_ANGELETTE-WW-PLAIN_(S13_Gen2+IDEAL)

Lamps: 1 x Soleriq_S13_Gen2+_50-2103CT+_50-2100AN_1327.38lm@250mA_P=8.7850W_I=0.250A



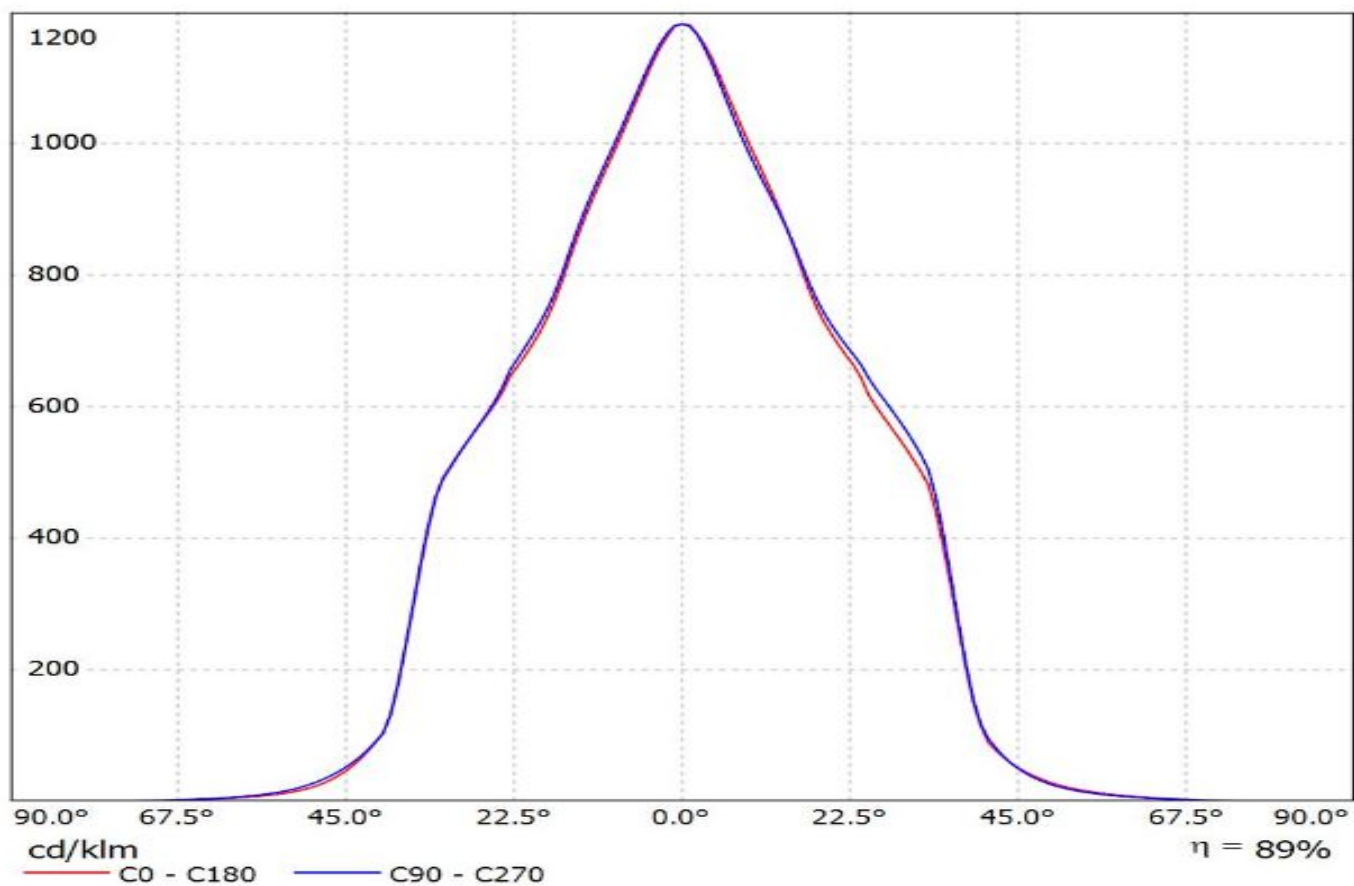
Luminaire: Ledil F14622_ANGELETTE-WW-PLAIN_(SLM_G5_LES_15_+TE)

Lamps: 1 x Philips_SLM_G5_LES_15_+TE_2213194-1_1277.72lm@250mA_P=8.208W_η=0.25A

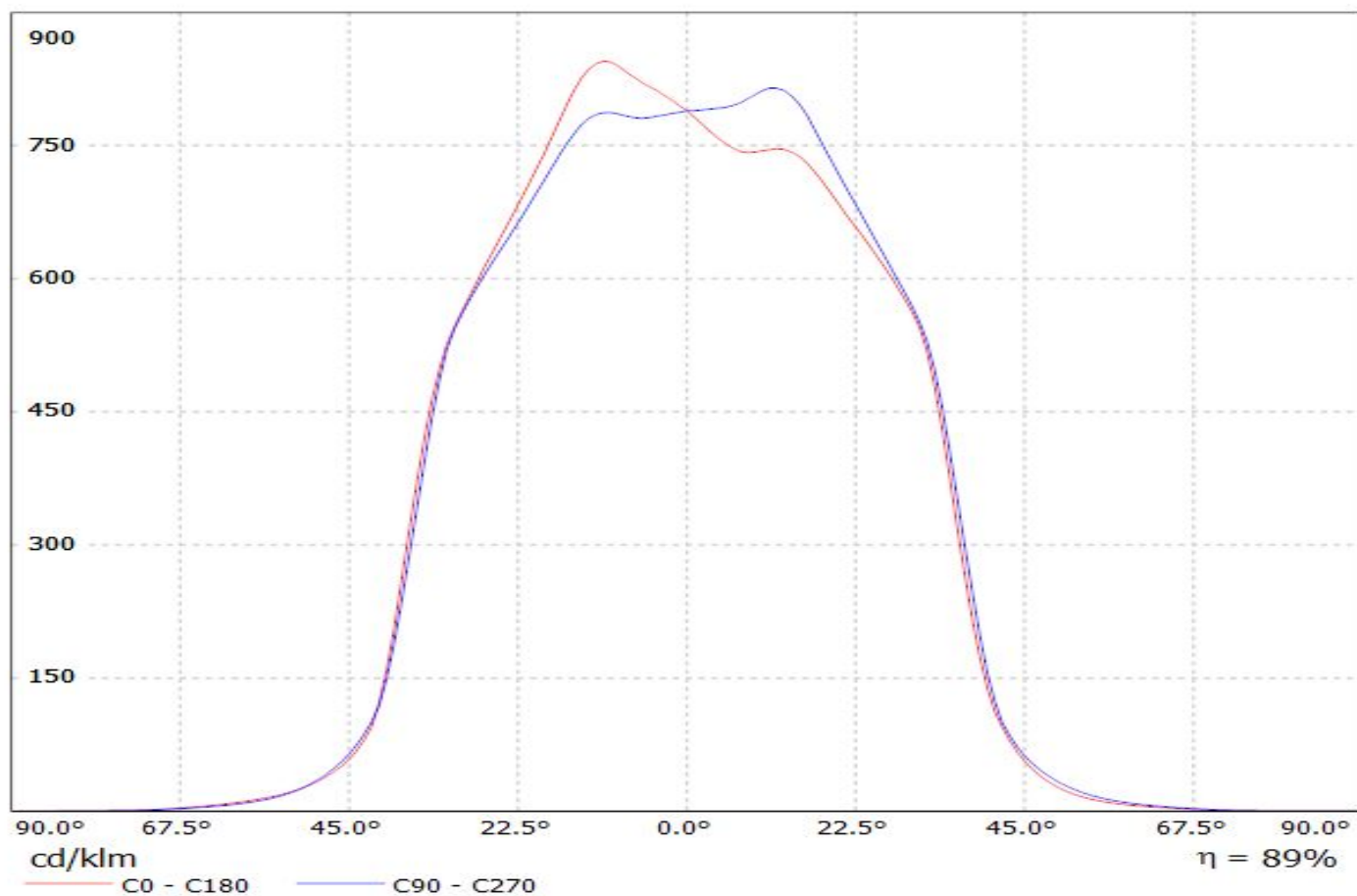


Luminaire: Ledil F14622_ANGELETTE-WW-PLAIN_(LC040C+TE)

Lamps: 1 x Samsung_LC040C+_2213382-2+_2213194-1_1194.16lm@250mA_CCT=4000K_P=8.137W

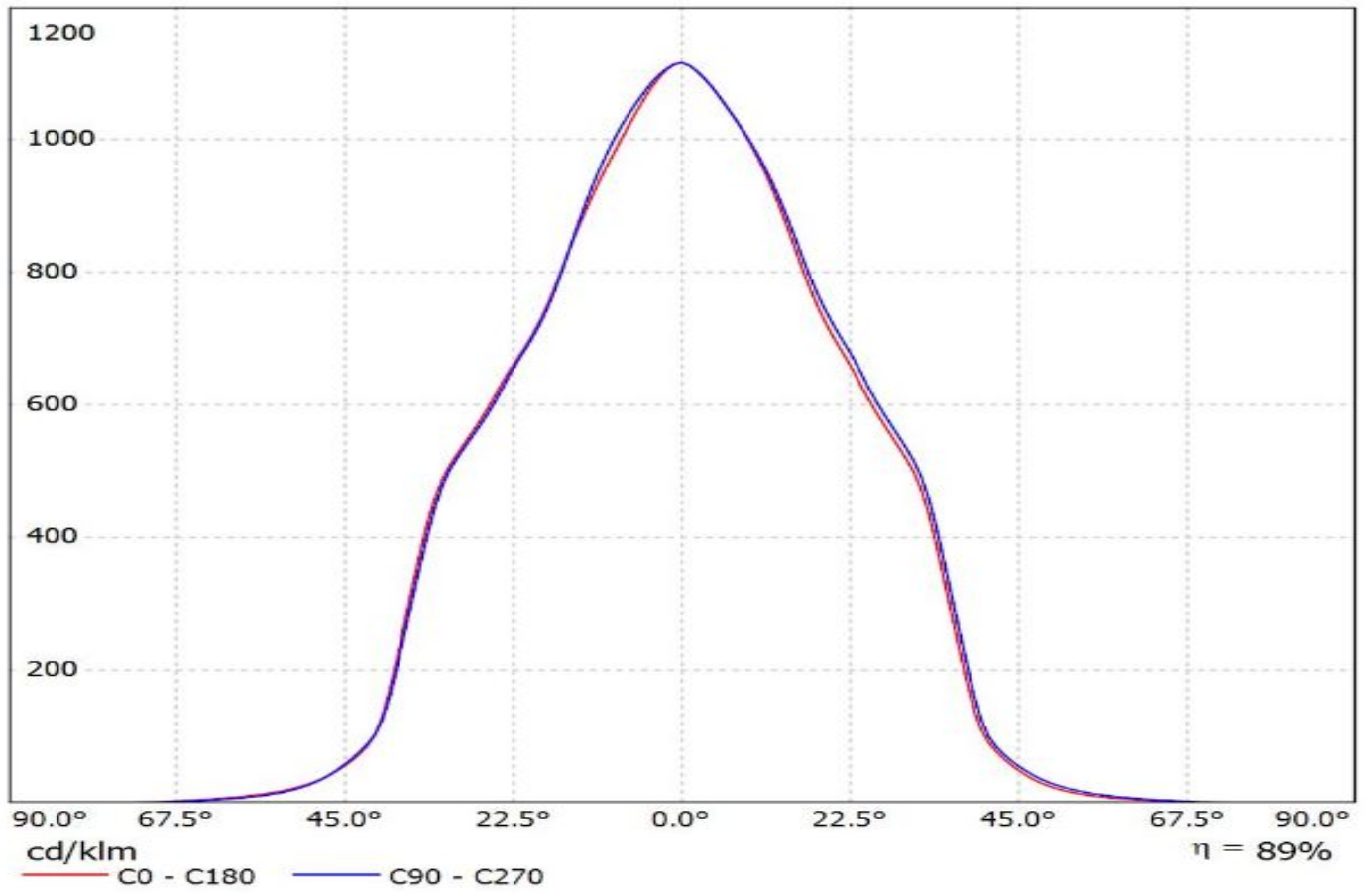


Luminaire: Ledil F14622_ANGELETTE-WW-PLAIN_(SEOUL_AC_Zhaga_COB)
Lamps: 1 x SEOUL_AC_Zhaga_COB

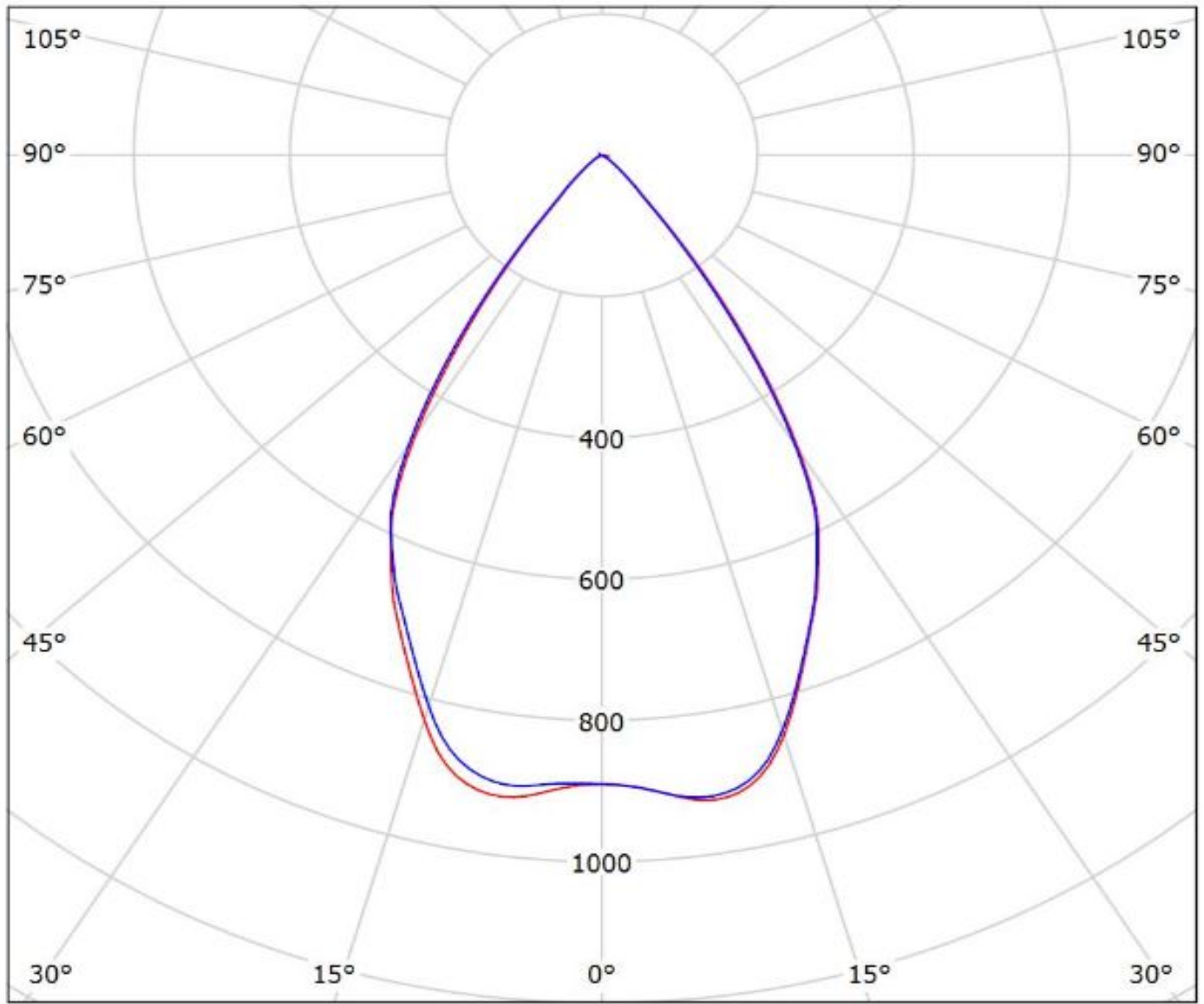


Luminaire: Ledil F14622_ANGELETTE-WW-PLAIN_(WU-M-484+TE)

Lamps: 1 x Vossloh_Schwabe_WU-M-484-830_681.21lm@250mA_P=5.6195W_I=0.25A



Luminaire: Ledil F14622_ANGELETTE-WW-PLAIN_(V22+IDEAL)
Lamps: 1 x Bridgelux_V22_(BXRE30E6500H-Y2)_+50-2204CT_+_50-2100AN_1193.54lm@250mA_CCT=3000K_P=8.0988W_I=0.25A



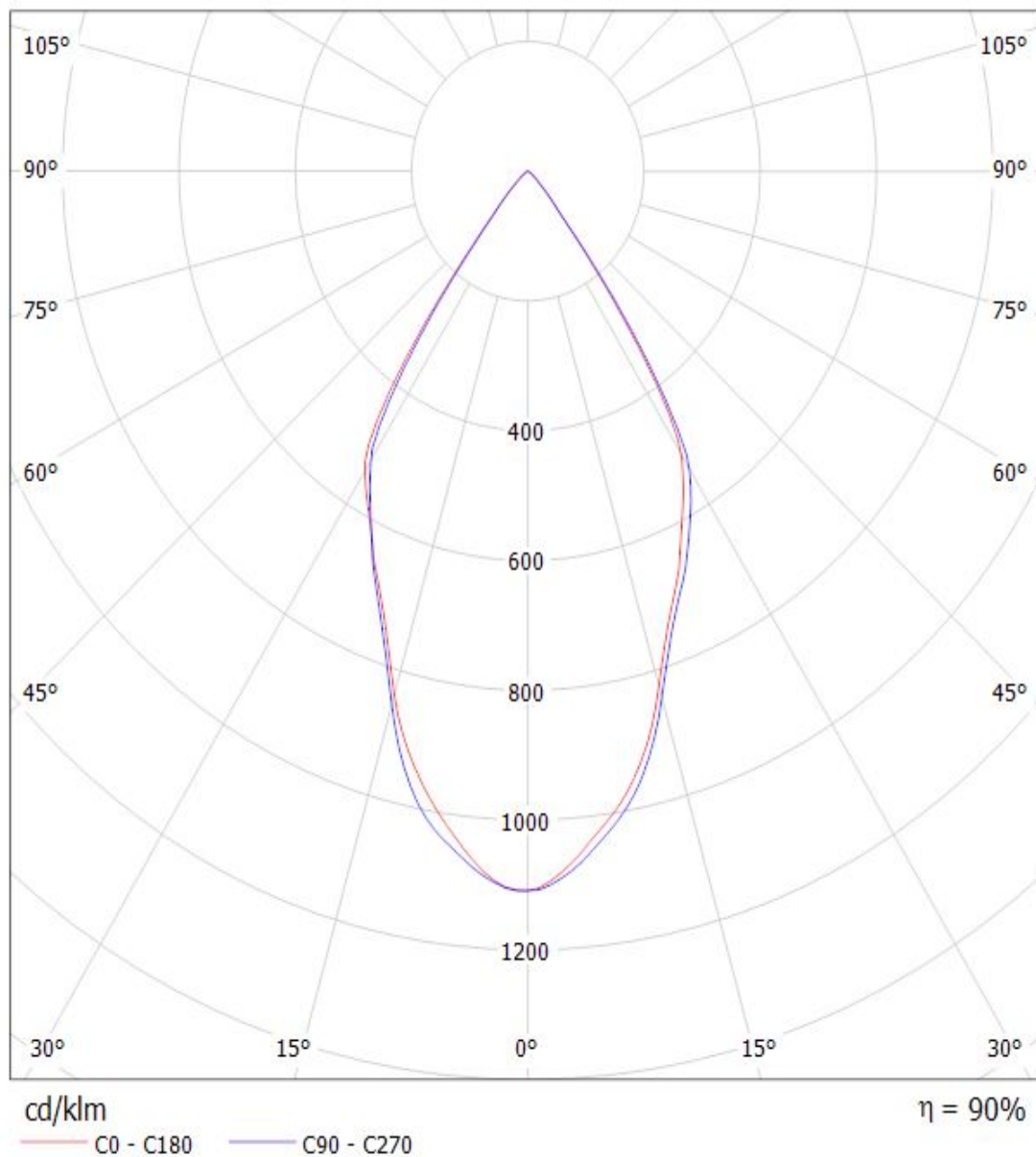
cd/klm

— C0 - C180 — C90 - C270

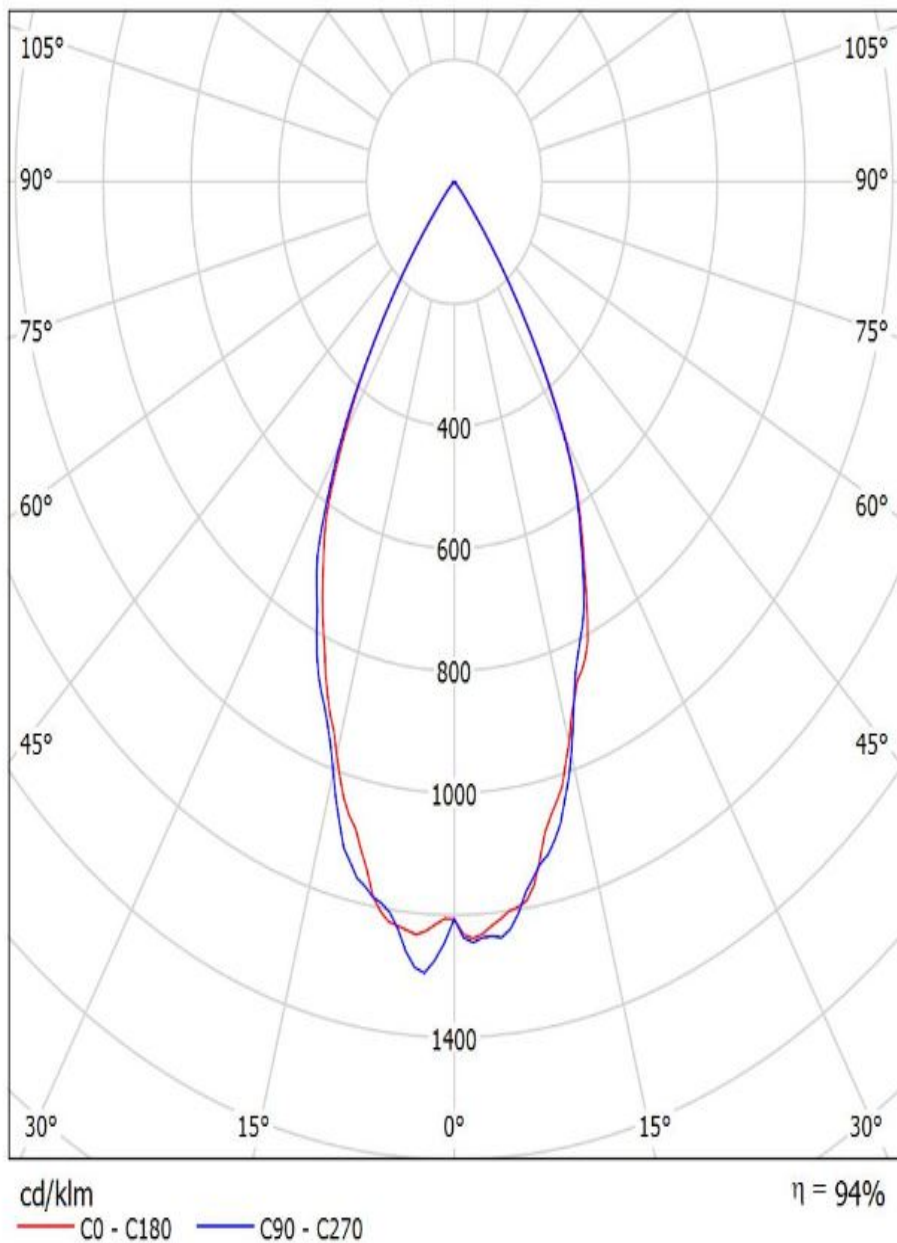
$\eta = 89\%$

Luminaire: LEDiL Oy F14622_ANGELETTE-WW-PLAIN_(V13_Gen7)+TE

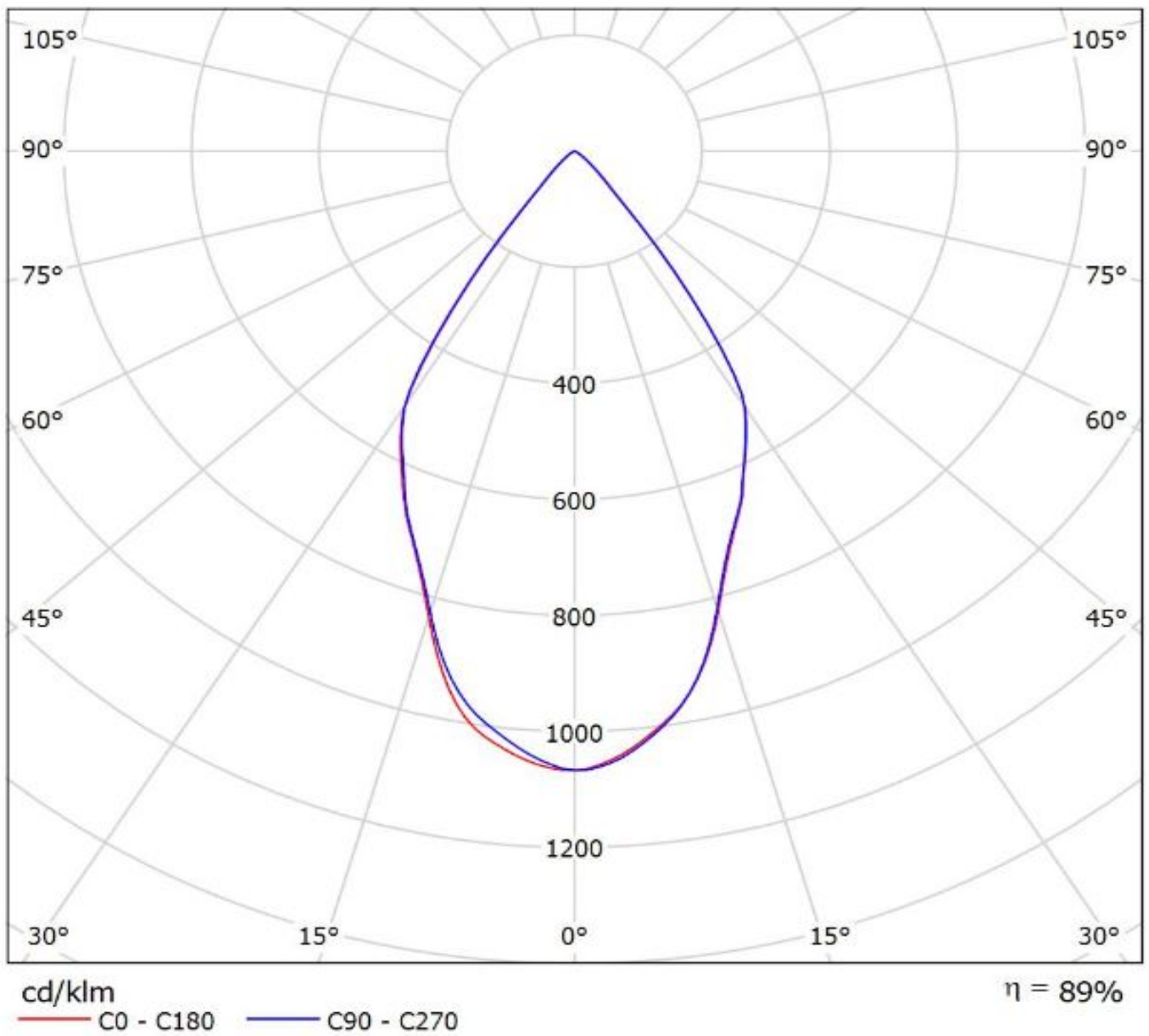
Lamps: 1 x Bridgelux_V13_Gen7_(BXRE-30E2000-B_+TE_2213254-2+TE_2213194-1)_1295.55lm@250mA_P=8.30985W_I=0.25A



Luminaire: Ledil Oy F14622_ANGELETTE-WW-PLAIN_Bridgelux_V22_Gen7_SIMULATED F14622_ANGELETTE-WW-PLAIN_Bridgelux_V22_Gen7_SIMULATED
Lamps: 1 x F14622_ANGELETTE-WW-PLAIN_Bridgelux_V22_Gen7_SIMULATED

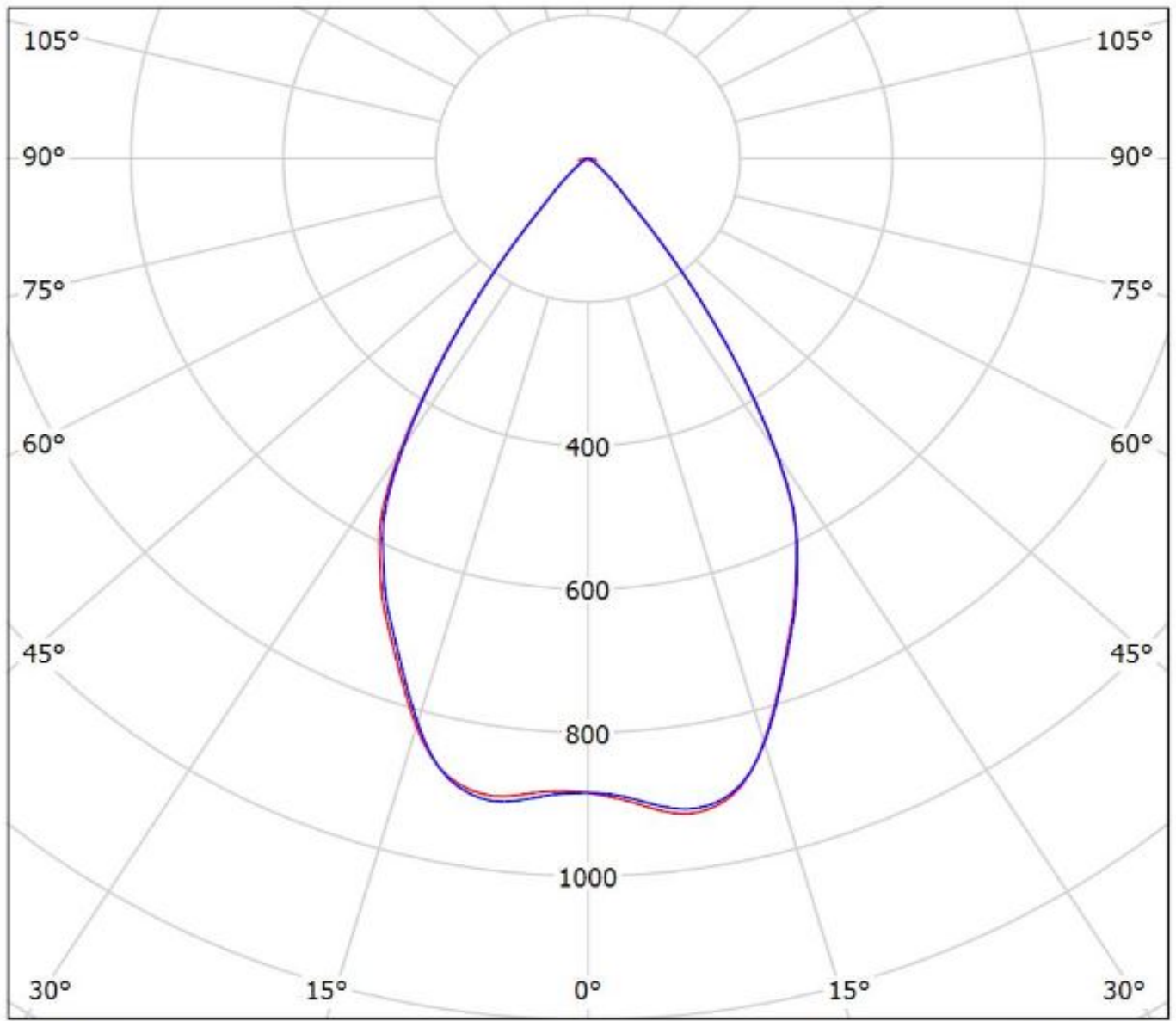


Luminaire: Ledil F14622_ANGELETTE-WW-PLAIN_(CLU038+TE)
Lamps: 1 x Citizen_CLU038_(-1205C4-273MZK1)_+2213254-2_+2213194-1_1351.18lm@250mA_P=8.4078W_I=0.25A



Luminaire: Ledil F14622_ANGELETTE-WW-PLAIN_(CLU046+IDEAL)

Lamps: 1 x Citizen_CLU046_(-1212C1-303M2G2)_1383.92lm@250mA_CCT=3000K_P=8.122W_I=0.25A

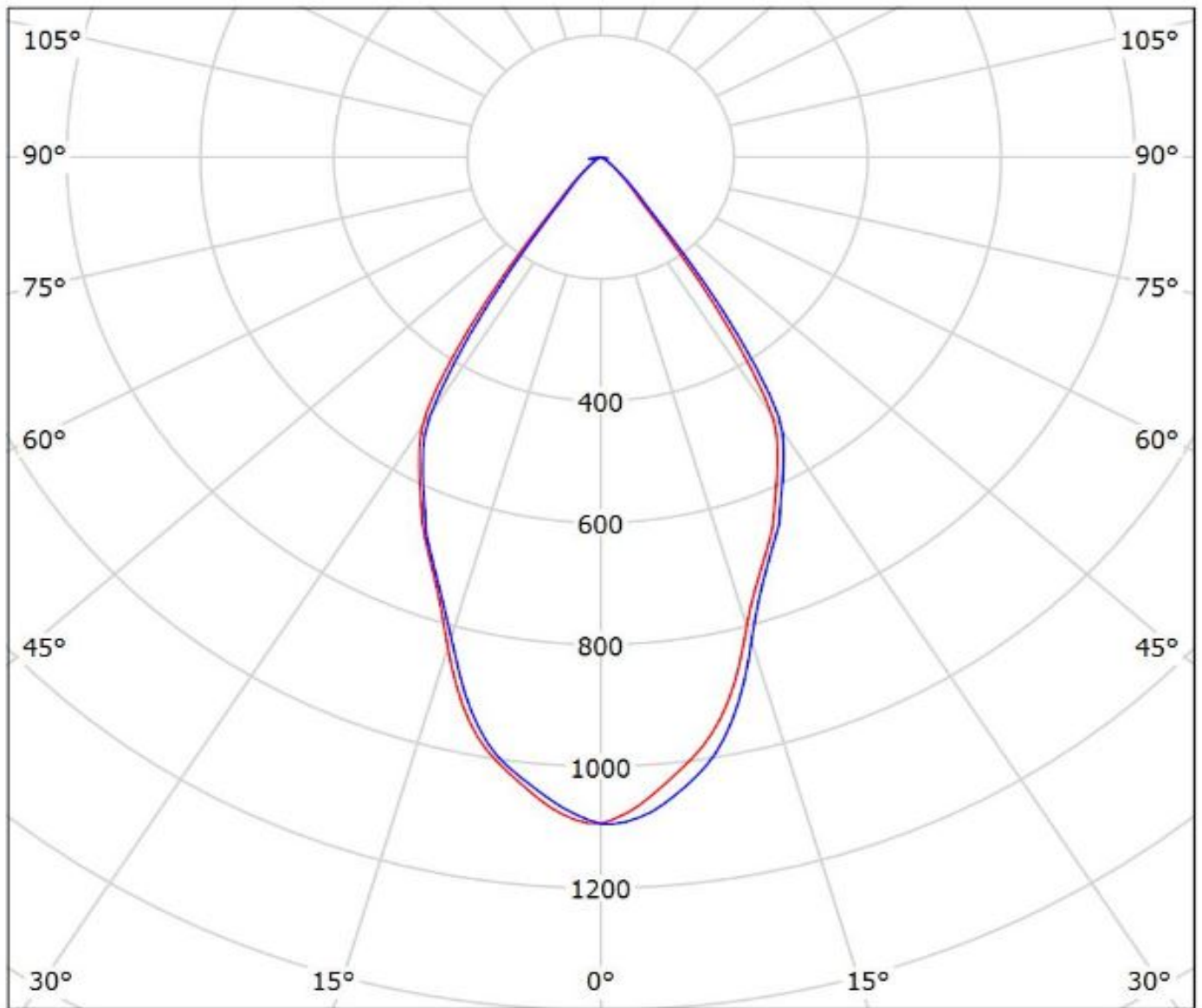


cd/klm

— C0 - C180 — C90 - C270

$\eta = 89\%$

Luminaire: Ledil F14622_ANGELETTE-WW-PLAIN_(CLU036+IDEAL)
Lamps: 1 x CITIZEN_CLU036_(-1208C1-303M2G2)_IDEAL_50-2103CT+50-2100AN_1299.86lm@250mA_CCT=3000K_P=8.249W_I=0.25A



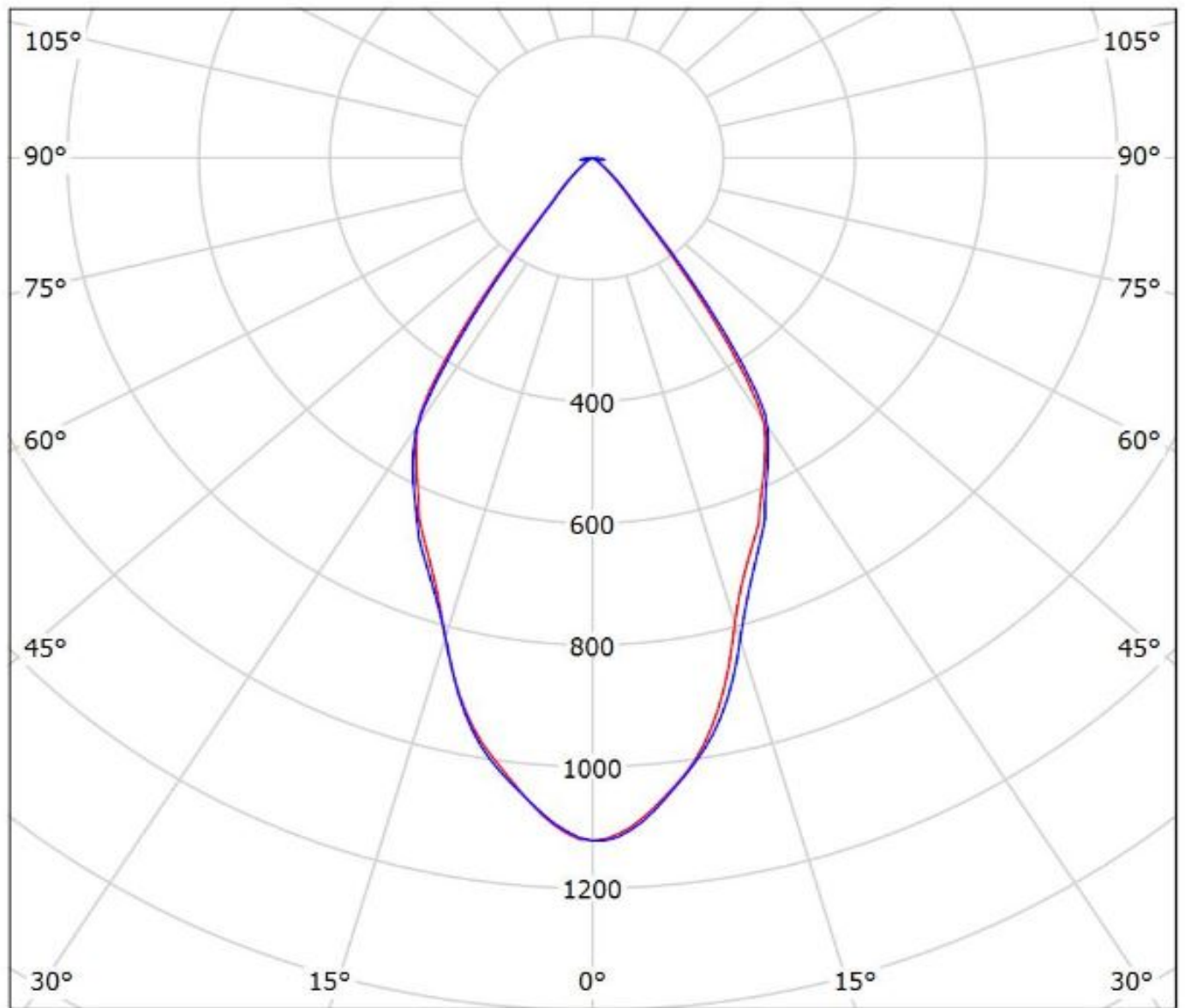
cd/klm

— C0 - C180 — C90 - C270

$\eta = 89\%$

Luminaire: Ledil F14622_ ANGELETTE-WW-PLAIN_(CLU730+IDEAL)

Lamps: 1 x Citizen_CLU730_(-1210B8-273M2G1)_IDEAL_50-2204C+50-2100AN



cd/klm

— C0 - C180

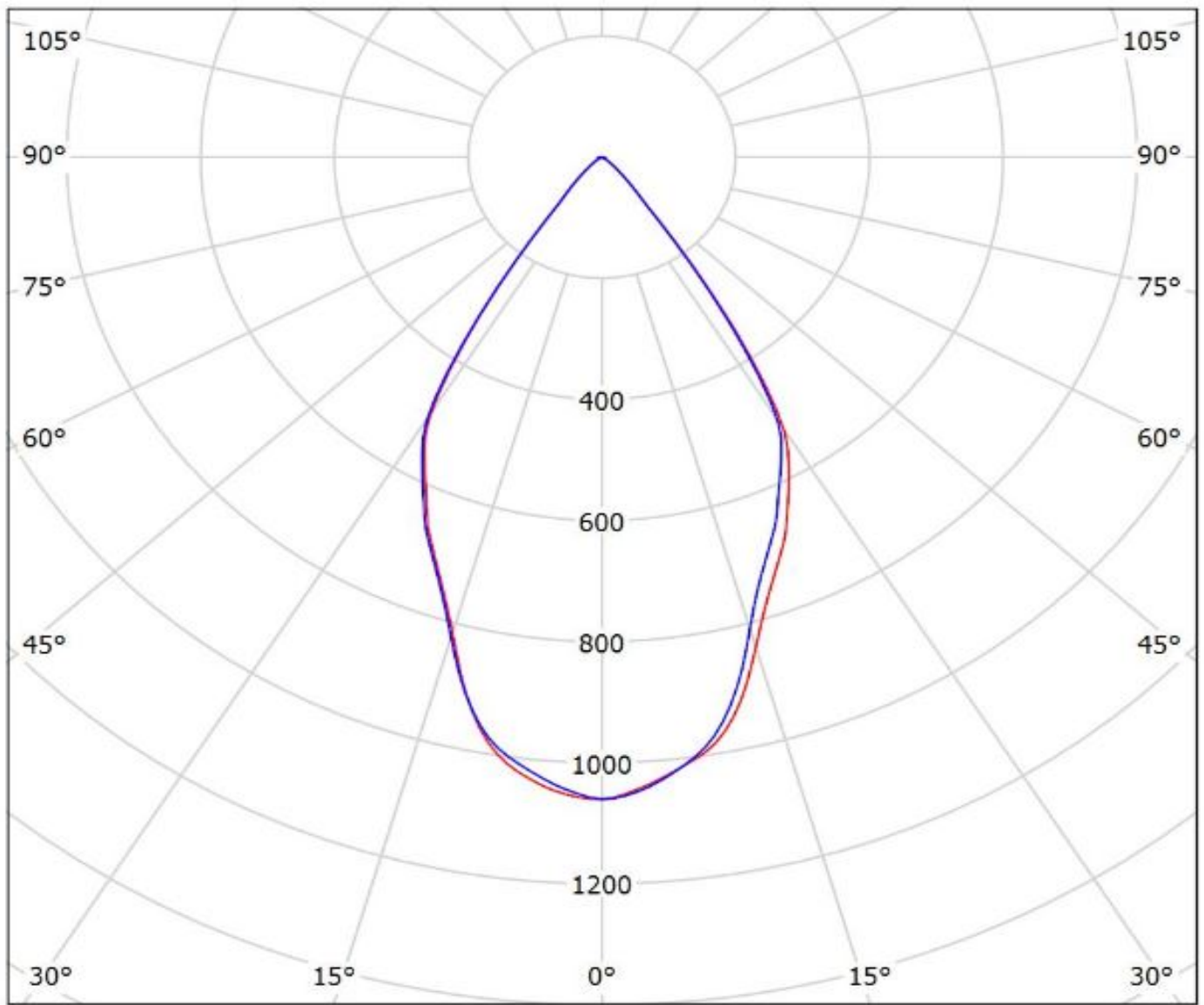
— C90 - C270

$\eta = 89\%$

Luminaire: Ledil F14622_ANGELETTE-WW-PLAIN_(CoB1208+IDEAL)

Lamps: 1 x Luxeon_CoB1208_+_50-2100SH+50-

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cd/klm

— C0 - C180

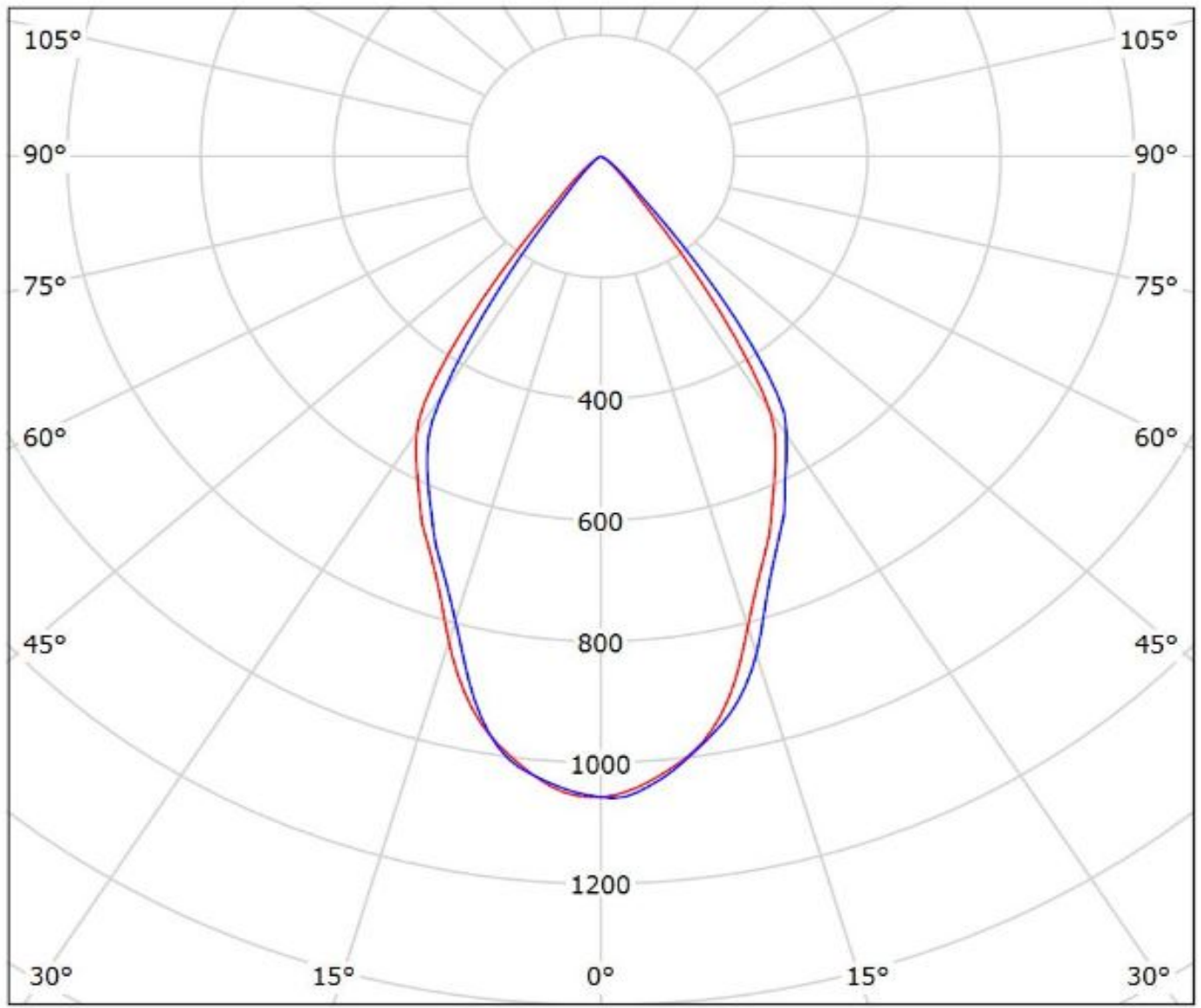
— C90 - C270

$\eta = 89\%$

Luminaire: Ledil F14622_ANGELETTE-WW-PLAIN_(CoB1208+TE)

Lamps: 1 x Luxeon_CoB1208_+ 2213130-2_+ 2213194-

1_1055.15lm@250mA_CCT=3000K_P=8.3007W_I=0.25A



cd/klm

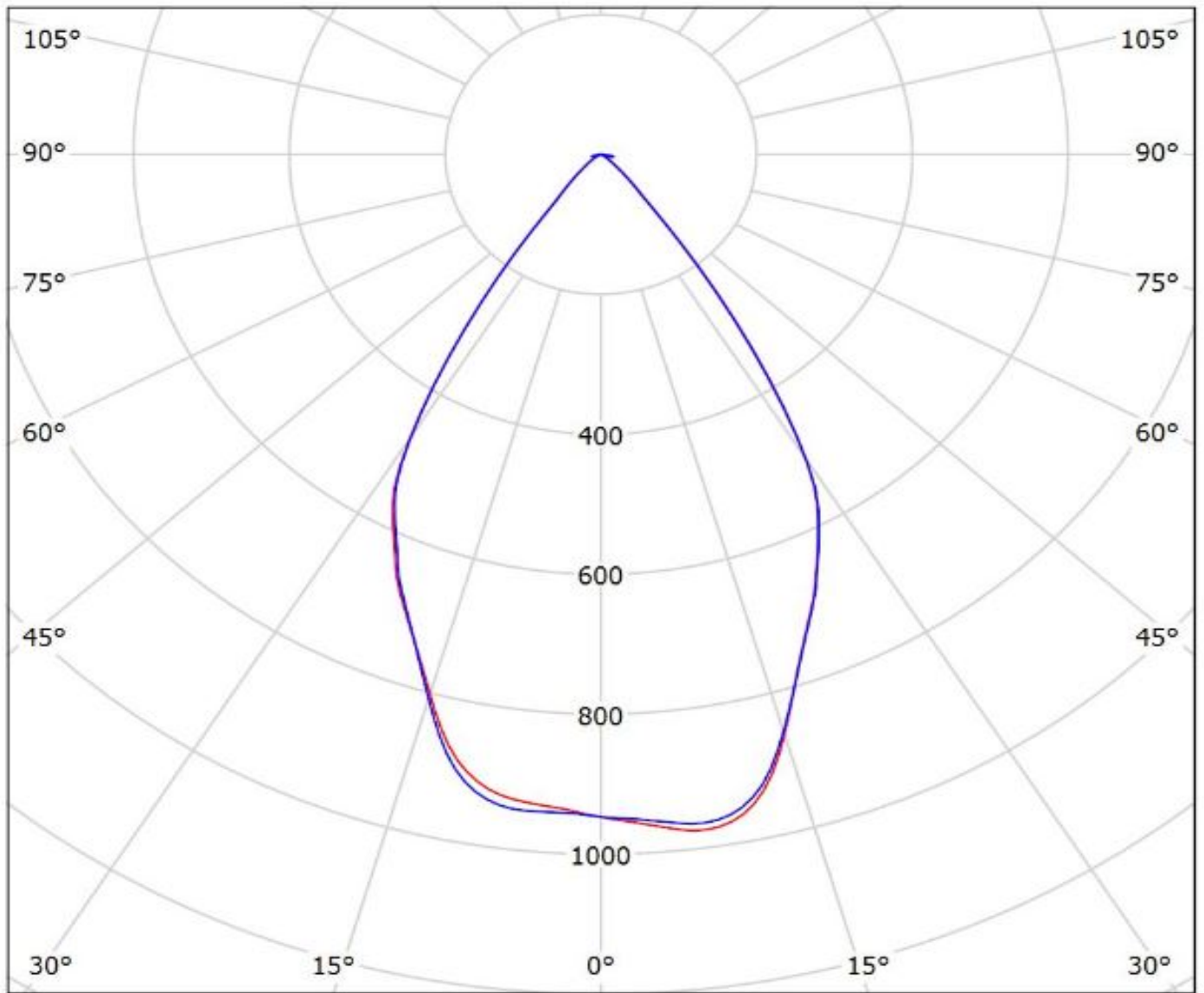
— C0 - C180 — C90 - C270

$\eta = 89\%$

Luminaire: Ledil F14622_ANGELETTE-WW-PLAIN_(CoB1211+IDEAL)

Lamps: 1 x Luxeon_CoB1211_(L2C2-4080)_50-2204CT+50-

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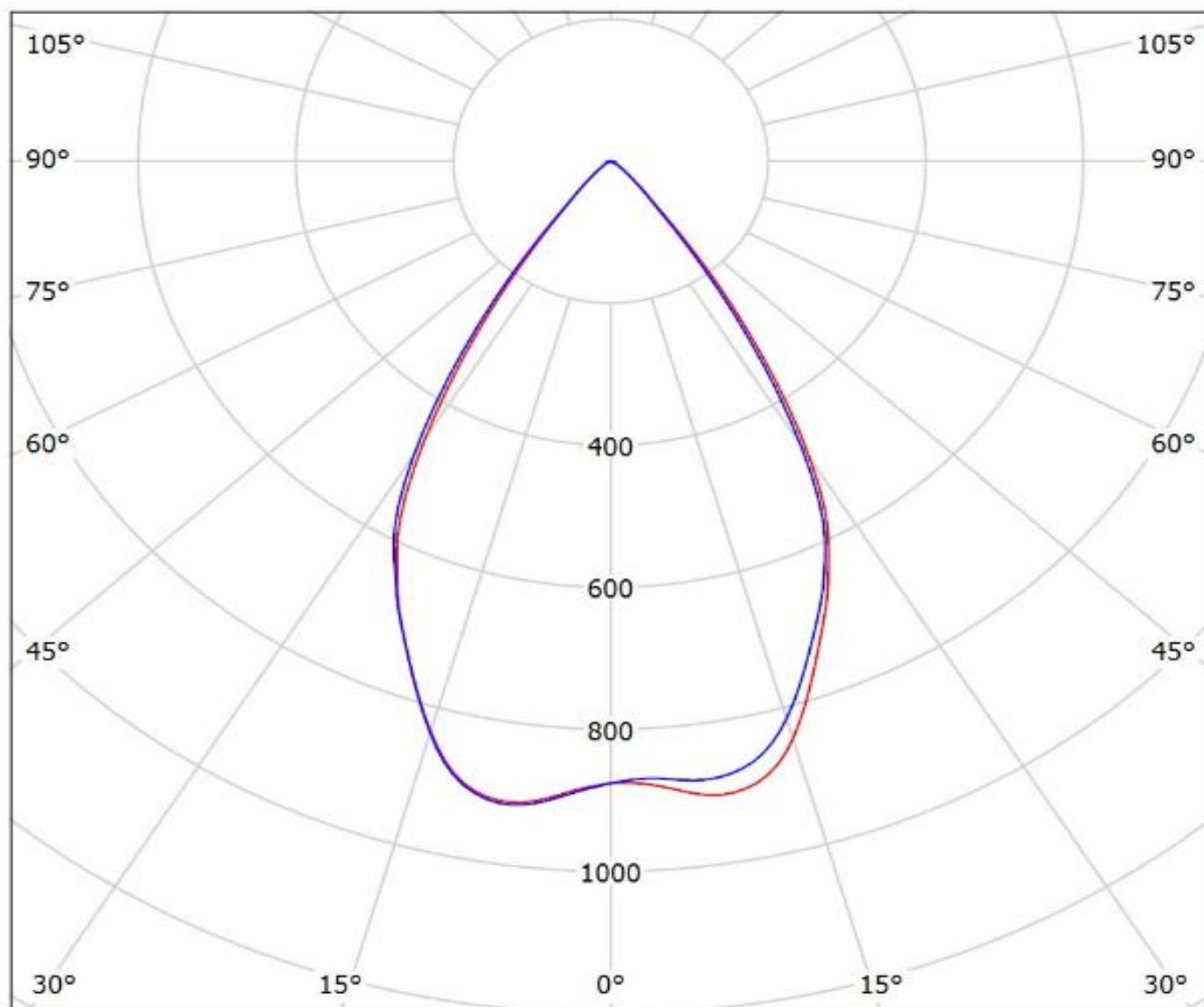


cd/klm

— C0 - C180 — C90 - C270

$\eta = 89\%$

Luminaire: Ledil F14622_ANGELETTE-WW-PLAIN_(CoB1216_IDEAL)
Lamps: 1 x Luxeon_CoB1216_(L2C2-40801216E2300)_+50-2204C_+_50-2100AN_1447.57lm@250mA_CCT=4000K_P=8.0135W_I=0.25A



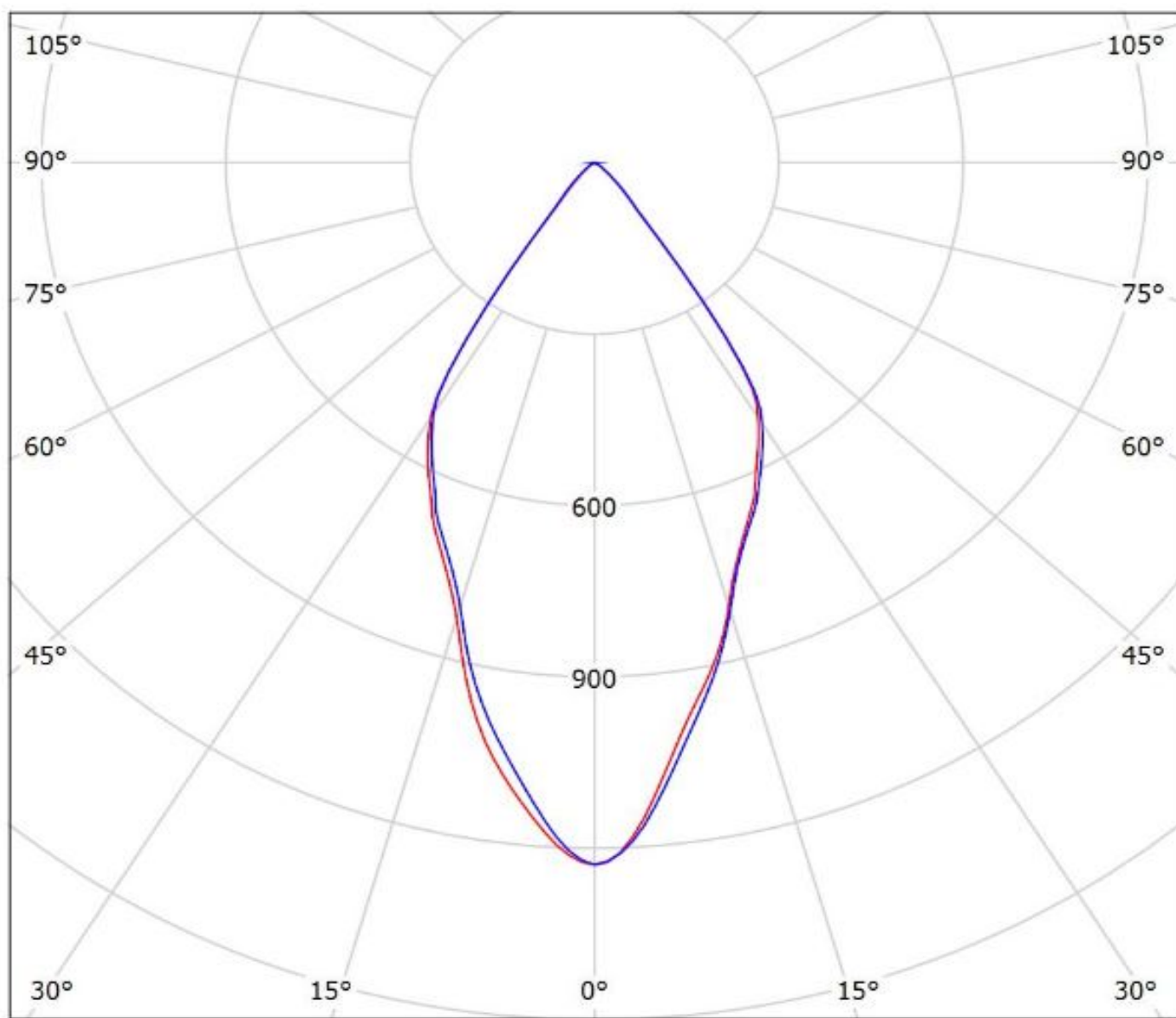
cd/klm

— C0 - C180 — C90 - C270

$\eta = 89\%$

Luminaire: Ledil F14622_ANGELETTE-WW-PLAIN_(NVCLL024Z+IDEAL)

Lamps: 1 x Nichia_NVCxL024z_(NVCLL024z)_975.455lm@250mA_P=8.1468W_I=250A



cd/klm

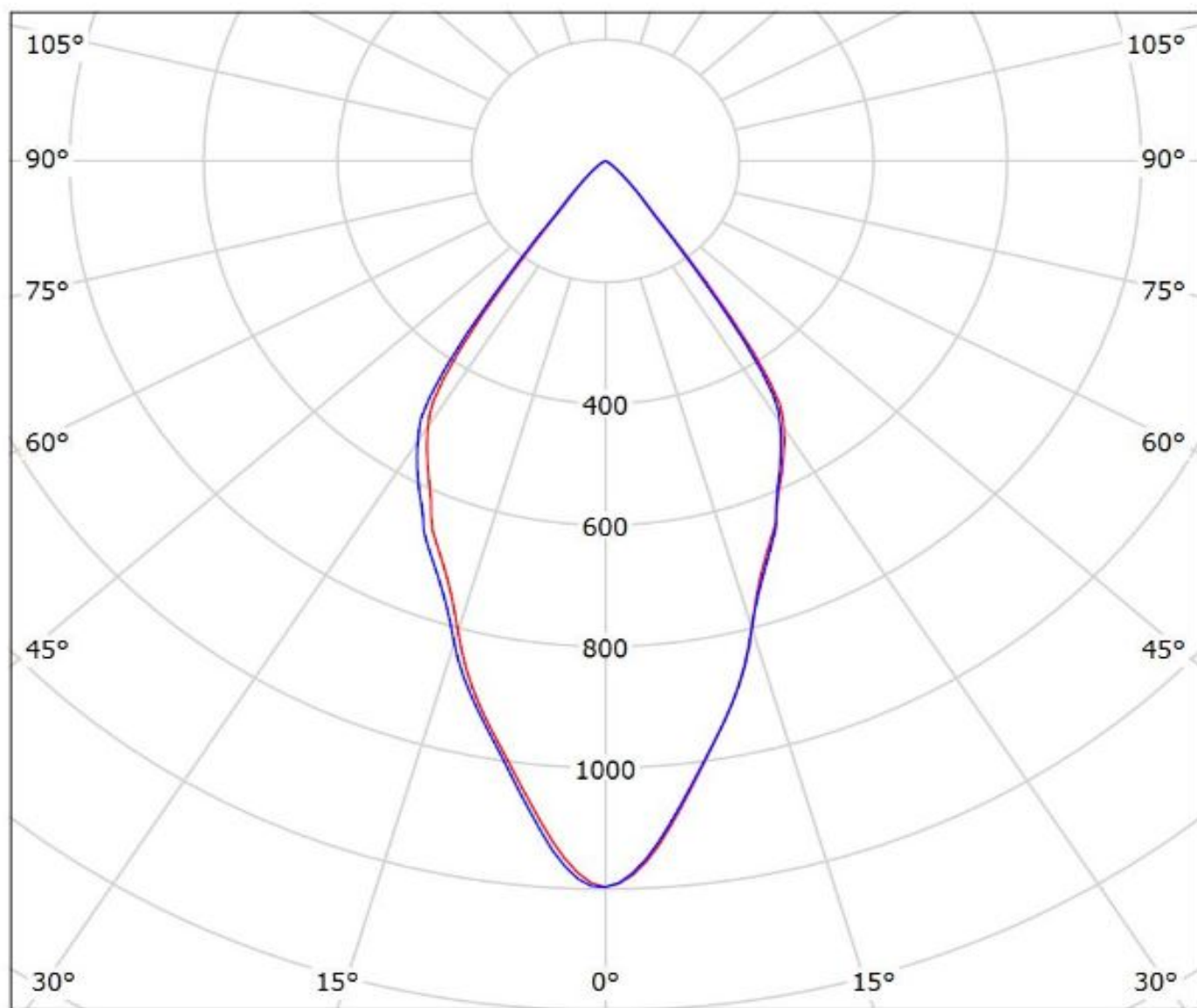
— C0 - C180 — C90 - C270

$\eta = 88\%$

Luminaire: Ledil F14622_ANGELETTE-WW-PLAIN_(NVCLL024Z+TE)

Lamps: 1 x Nichia_NVCLL024Z_+2213382-2_+2213194-

1_971.485lm@250mA_CCT=3000K_P=8W_I=0.25A

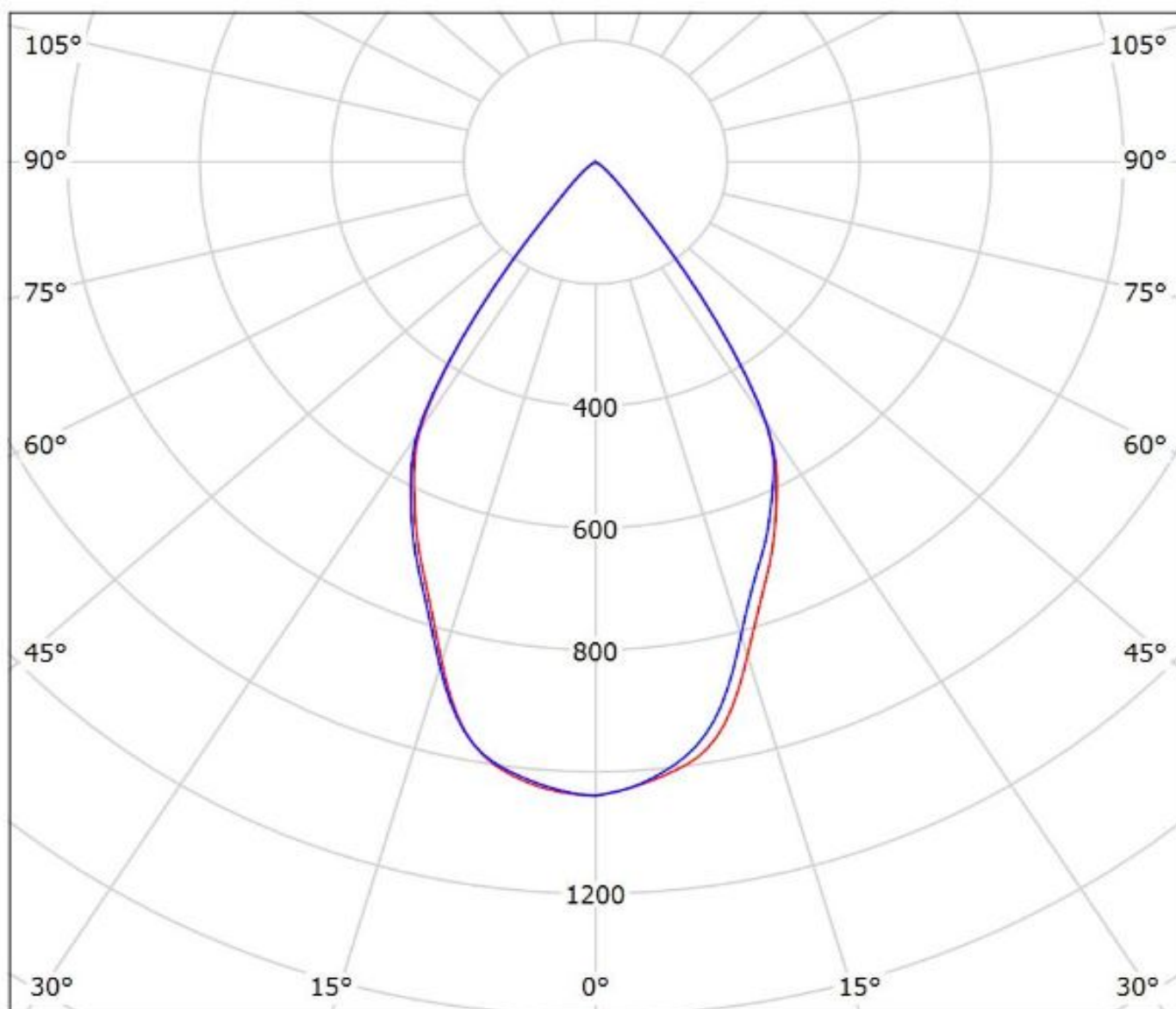


cd/klm

— C0 - C180 — C90 - C270

$\eta = 89\%$

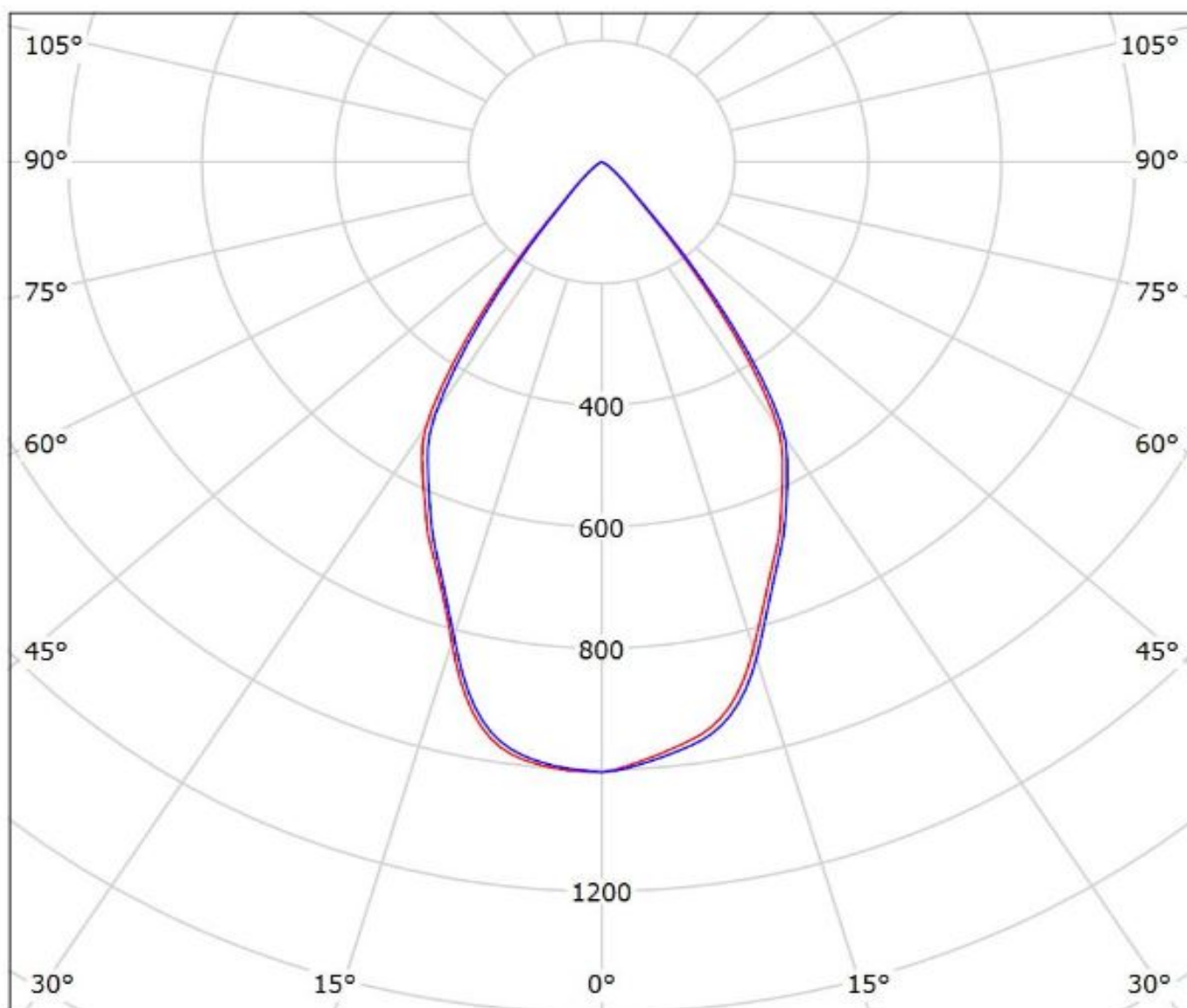
Luminaire: Ledil F14622_ANGELETTE-WW-PLAIN_(PREVALED_Core_Z4)
Lamps: 1 x PREVALED_Core_Z4_LES19_1470.62lm@250mA_P=10.828W_I=0.25A



cd/klm
— C0 - C180 — C90 - C270

$\eta = 89\%$

Luminaire: Ledil F14622_ANGELETTE-WW-PLAIN_(S19+TE)
Lamps: 1 x Osram_Soleriq_S19_(GW_KAHJB1.EM)_+2213407-2+2213194-1_1546.1lm@250mA_CCT=3000K_P=11.021W_I=0.25A



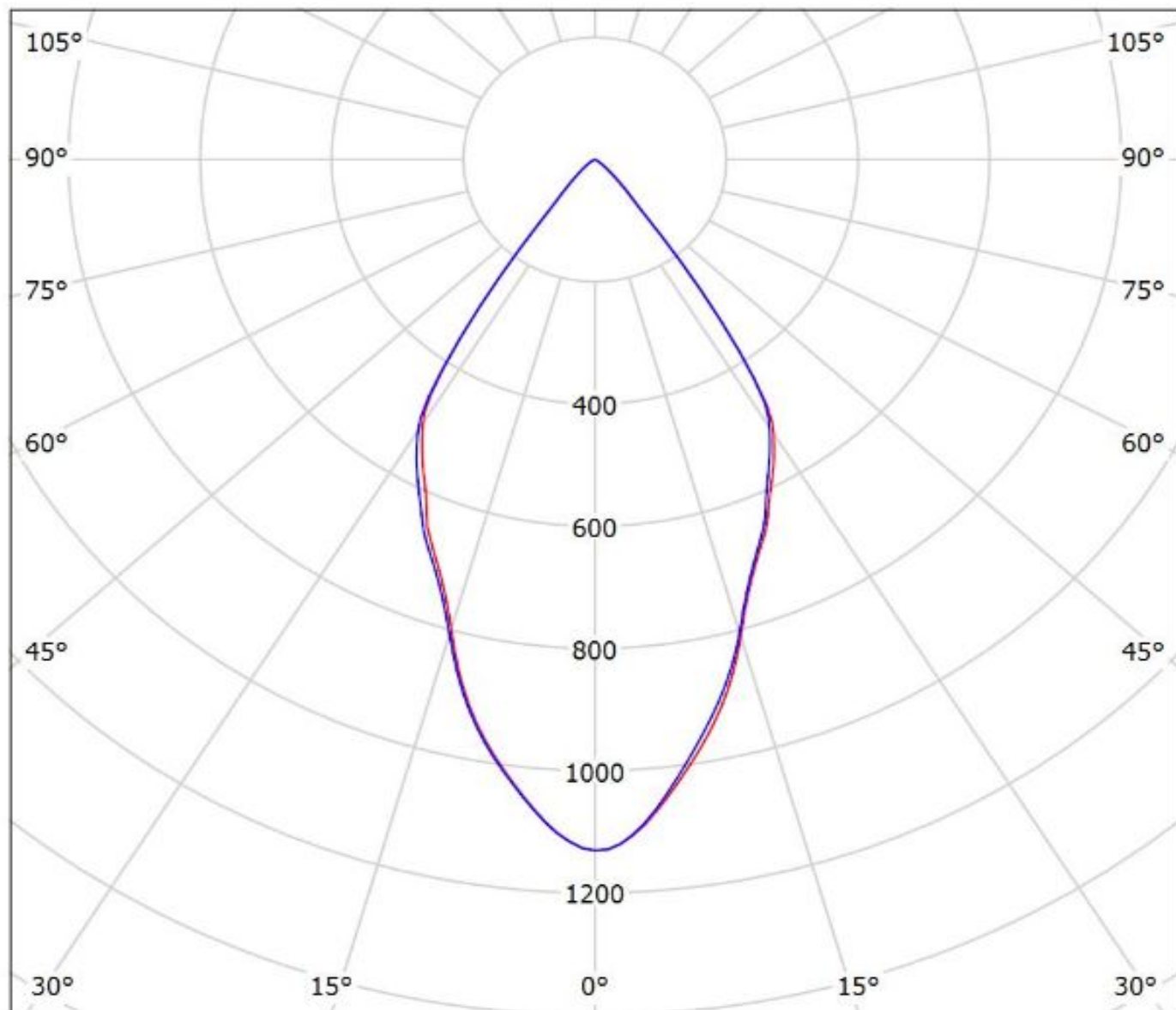
cd/klm

— C0 - C180 — C90 - C270

$\eta = 89\%$

Luminaire: Ledil F14622_ANGELETTE-WW-PLAIN_(S13_Gen2+TE)

Lamps: 1 x Soleriq_S13_Gen2+_2213254-2+_2213194-1_1309.23lm@250mA_P=8.7840W_I=0.250A



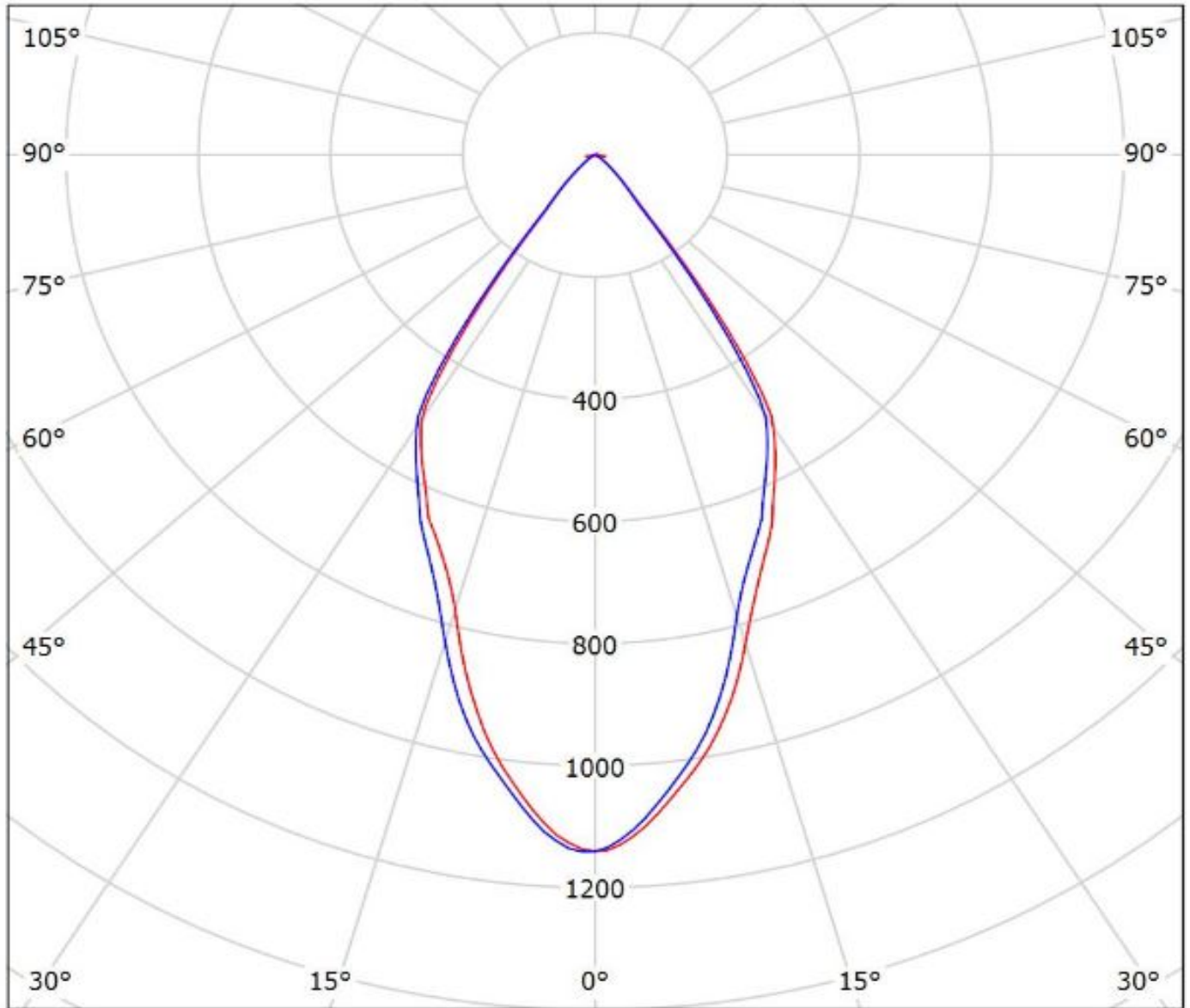
cd/klm

— C0 - C180 — C90 - C270

$\eta = 89\%$

Luminaire: Ledil F14622_ANGELETTE-WW-PLAIN_(S13_Gen2+IDEAL)

Lamps: 1 x Soleriq_S13_Gen2+_50-2103CT+_50-2100AN_1327.38lm@250mA_P=8.7850W_I=0.250A



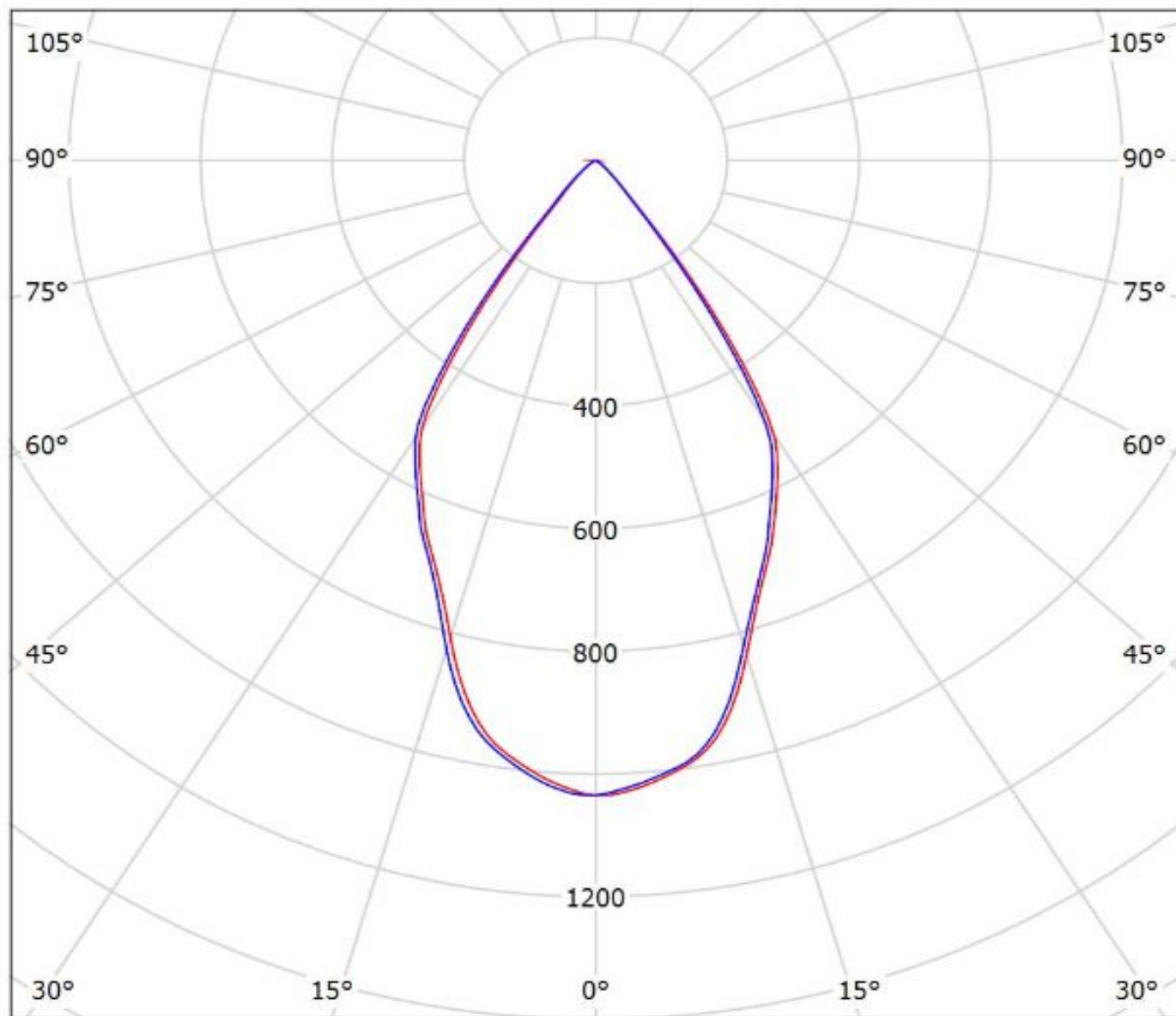
cd/klm

— C0 - C180 — C90 - C270

$\eta = 88\%$

Luminaire: Ledil F14622_ANGELETTE-WW-PLAIN_(SLM_G5_LES_15_+TE)

Lamps: 1 x Philips_SLM_G5_LES_15_+TE_2213194-1_1277.72lm@250mA_P=8.208W_I=0.25A



cd/klm

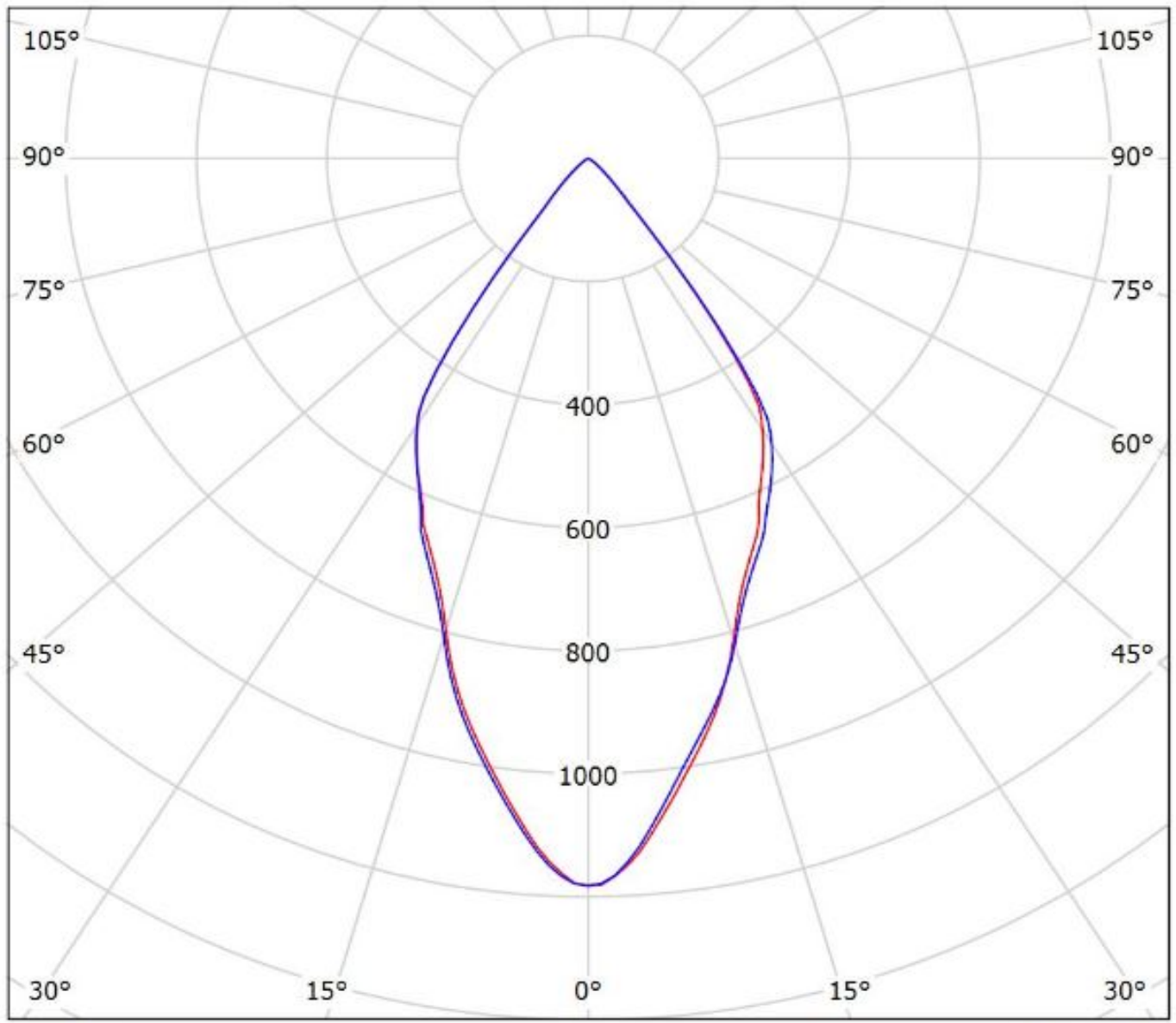
— C0 - C180

— C90 - C270

$\eta = 89\%$

Luminaire: Ledil F14622_ANGELETTE-WW-PLAIN_(LC040C+TE)

Lamps: 1 x Samsung_LC040C+_2213382-2+_2213194-1_1194.16lm@250mA_CCT=4000K_P=8.137W

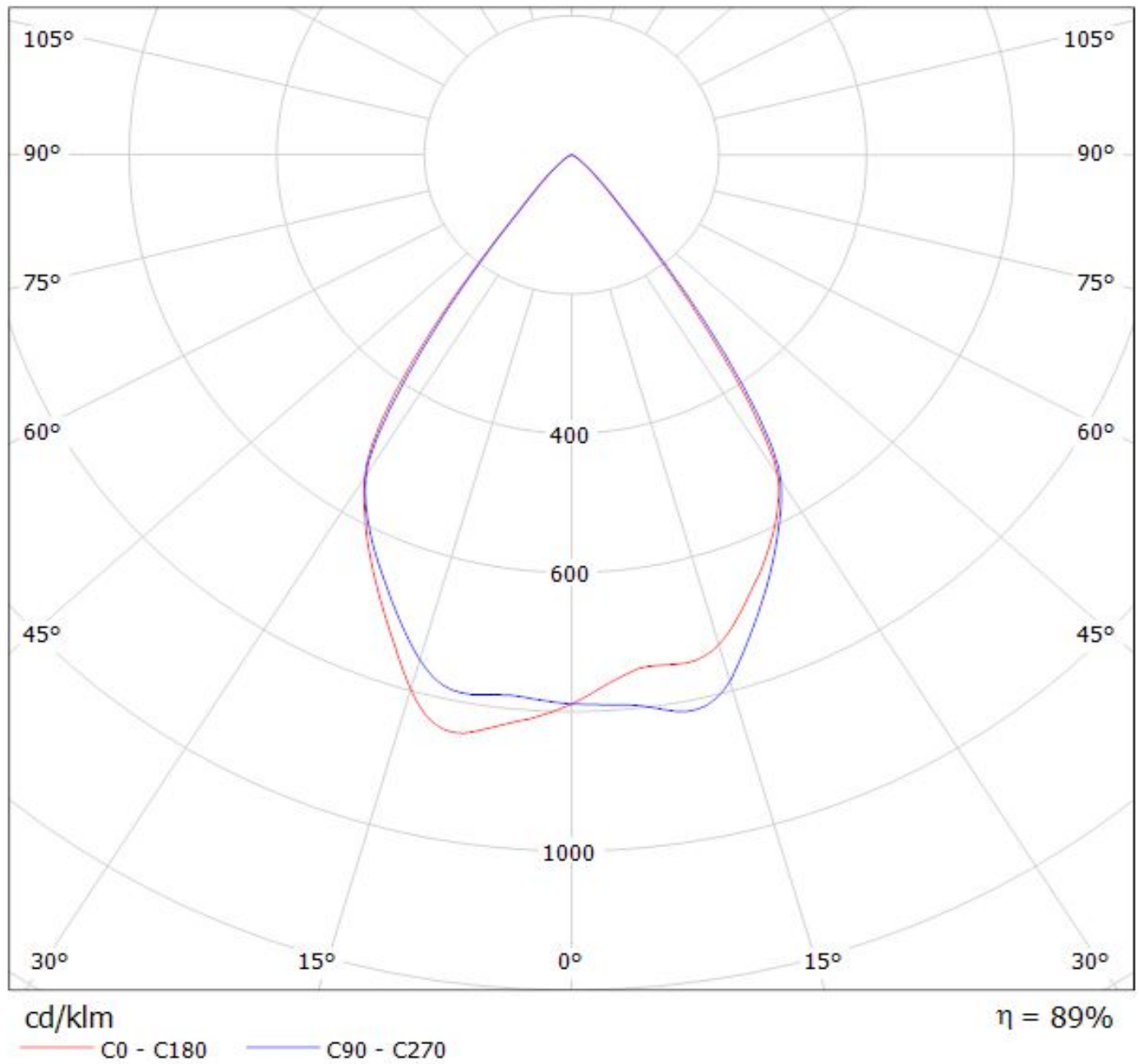


cd/klm

— C0 - C180 — C90 - C270

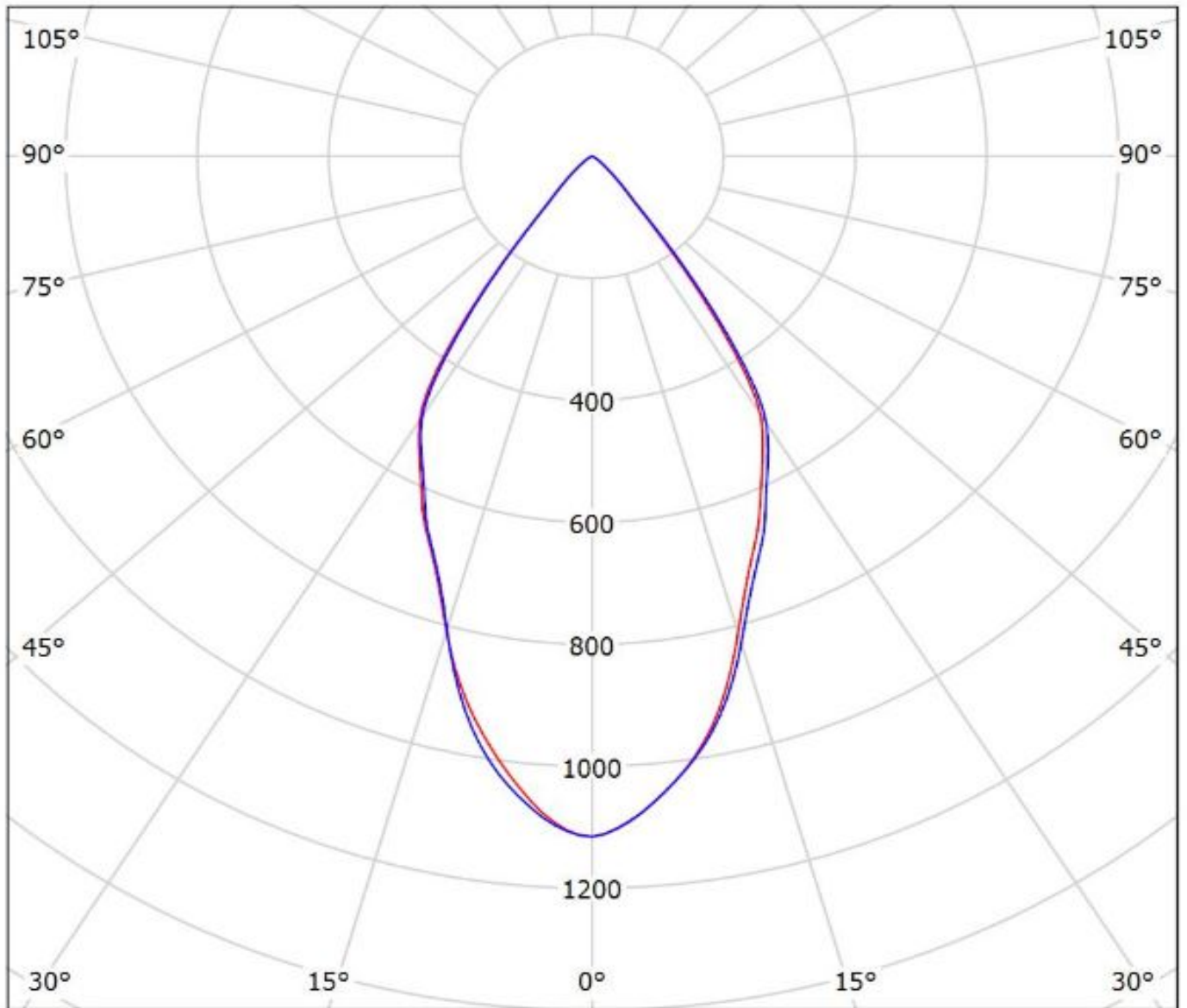
$\eta = 89\%$

Luminaire: Ledil F14622_ANGELETTE-WW-PLAIN_(SEOUL_AC_Zhaga_COB)
Lamps: 1 x SEOUL_AC_Zhaga_COB



Luminaire: Ledil F14622_ANGELETTE-WW-PLAIN_(WU-M-484+TE)

Lamps: 1 x Vossloh_Schwabe_WU-M-484-830_681.21lm@250mA_P=5.6195W_I=0.25A



cd/klm

— C0 - C180

— C90 - C270

$\eta = 89\%$

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.