



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

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Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



DETAILS

| | |
|------------------------|-------------------|
| Product Number | CN14091_LENA-W-DL |
| Family | Lena |
| Type | RefPack |
| Color | metal |
| Diameter | 111 mm |
| Height | 86 mm |
| Style | round |
| Optic Material | PC |
| Holder Material | |
| Fastening | |
| Status | production ready |
| ROHS Compliant | Yes |
| Date Updated | 2/11/2016 |



OPTICAL PROPERTIES

| LED | Viewing | Light | Effi- | | Connector |
|-----------------------|---------|-------|-----------|------------|--------------------------|
| | Angle | Beam | ciency | cd/lm | |
| VERO13 | 48 deg | Wide | 80 % | 1.180 | - |
| VERO18 | 52 deg | Wide | 80 % | 1.210 | - |
| V10 Gen7 | sim: 44 | Wide | sim: 81 % | sim: 1.690 | Bender Wirth: 434 Typ L1 |
| V13 Gen7 | sim: 47 | Wide | sim: 82 % | sim: 1.470 | Bender Wirth: 477 Typ L1 |
| CLL03x/CLU03x | 47 deg | Wide | 81 % | 1.300 | Bender Wirth: 433 Typ L1 |
| CLU700/701 | 39 deg | Wide | 81 % | 1.900 | Bender Wirth: 434 Typ L1 |
| CLL02x/CLU02x (LES10) | 45 deg | Wide | 81 % | 1.500 | Bender Wirth: 434 Typ L1 |
| CXA/B 15xx | 44 deg | Wide | 81 % | 1.700 | Bender Wirth: 441 Typ L1 |
| CXM-14 | sim: 47 | Wide | sim: 81 % | sim: 1.300 | Bender Wirth: 433 Typ L1 |
| CXM-9 | sim: 45 | Wide | sim: 81 % | sim: 1.500 | Bender Wirth: 434 Typ L1 |
| COB L-Type (LES 9) | 45 deg | Wide | 79 % | 1.400 | Bender Wirth: 438 Typ L1 |
| COB J-Type | 49 deg | Wide | 79 % | 1.200 | Bender Wirth: 463 Typ L2 |
| COB L-Type (LES 11) | 46 deg | Wide | 79 % | 1.400 | Bender Wirth: 438 Typ L1 |
| Soleriq P9 | 45 deg | Wide | 81 % | 1.400 | Bender Wirth: 461 Typ L1 |
| Soleriq P13 | 48 deg | Wide | 79 % | 1.300 | Bender Wirth: 437 Typ L1 |
| Soleriq S13 | 47 deg | Wide | 78 % | 1.400 | Bender Wirth: 437 Typ L1 |
| ZC12/18 | sim: 47 | Wide | sim: 81 % | sim: 1.300 | Bender Wirth: 433 Typ L1 |
| ZC4/6 | sim: 45 | Wide | sim: 81 % | sim: 1.500 | Bender Wirth: 434 Typ L1 |

H G F E D C B A

4

3

2

1

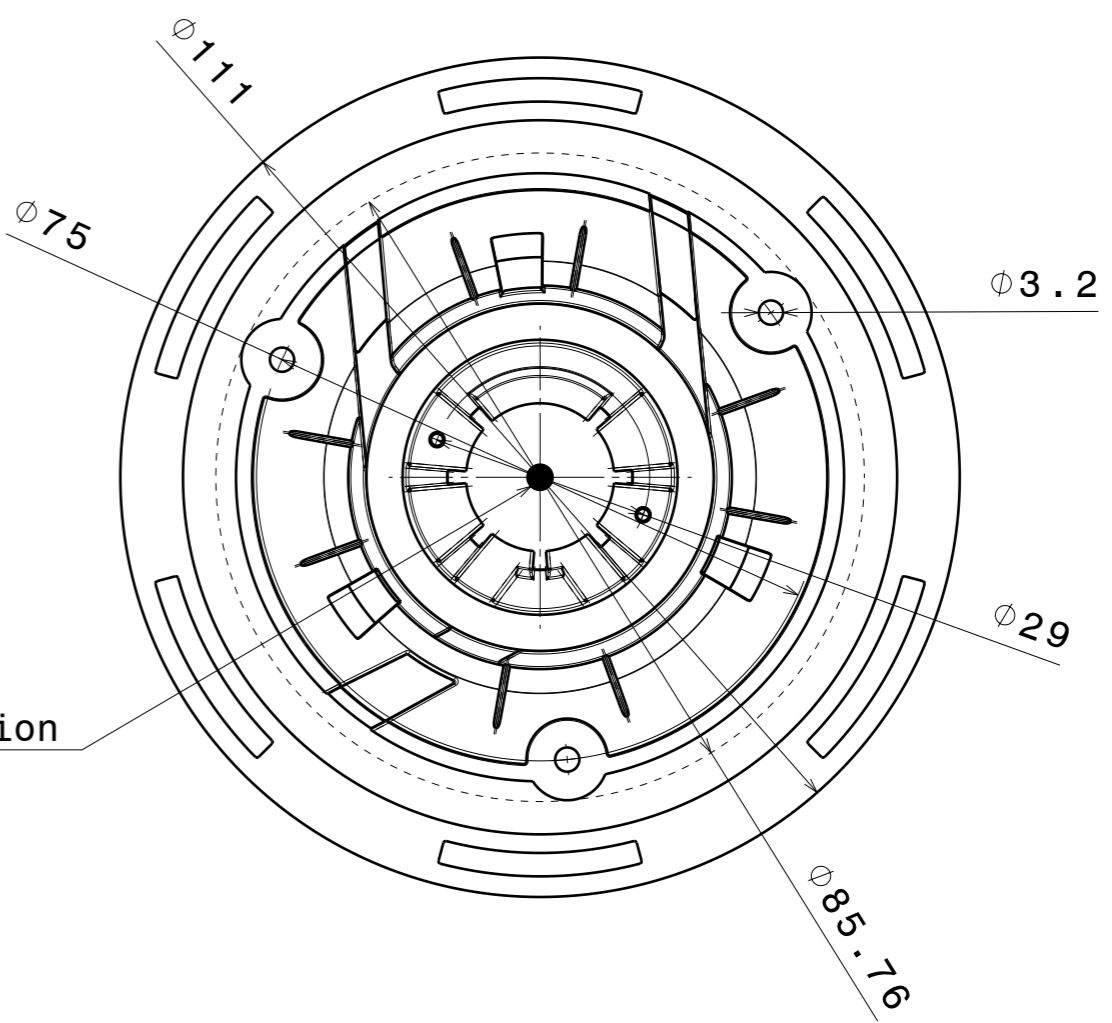
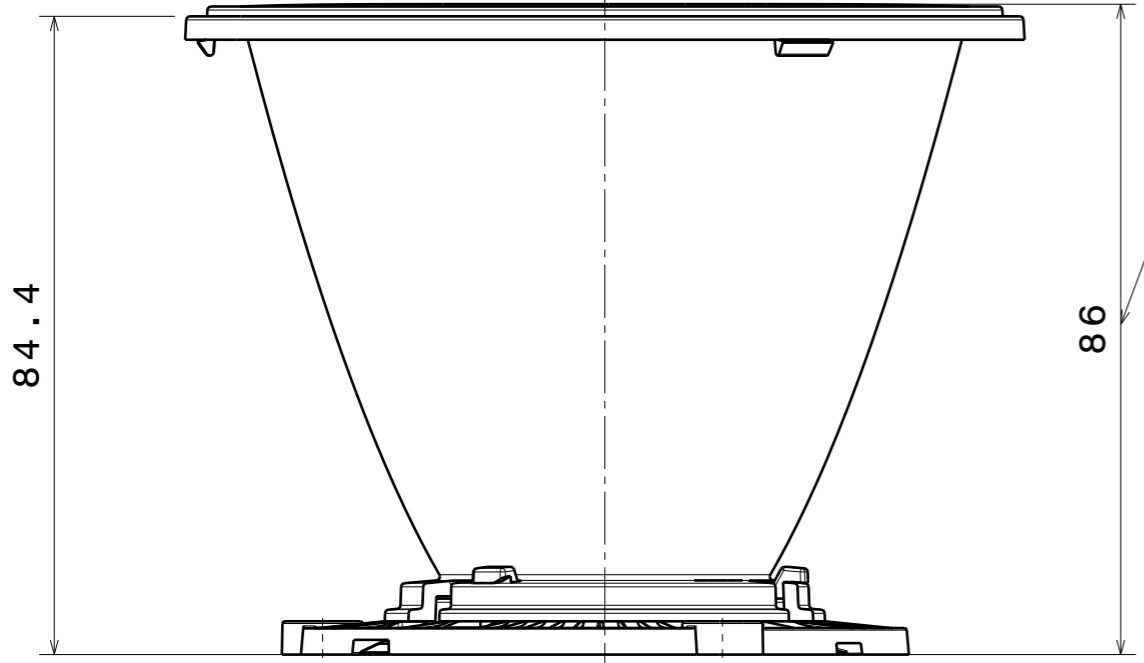
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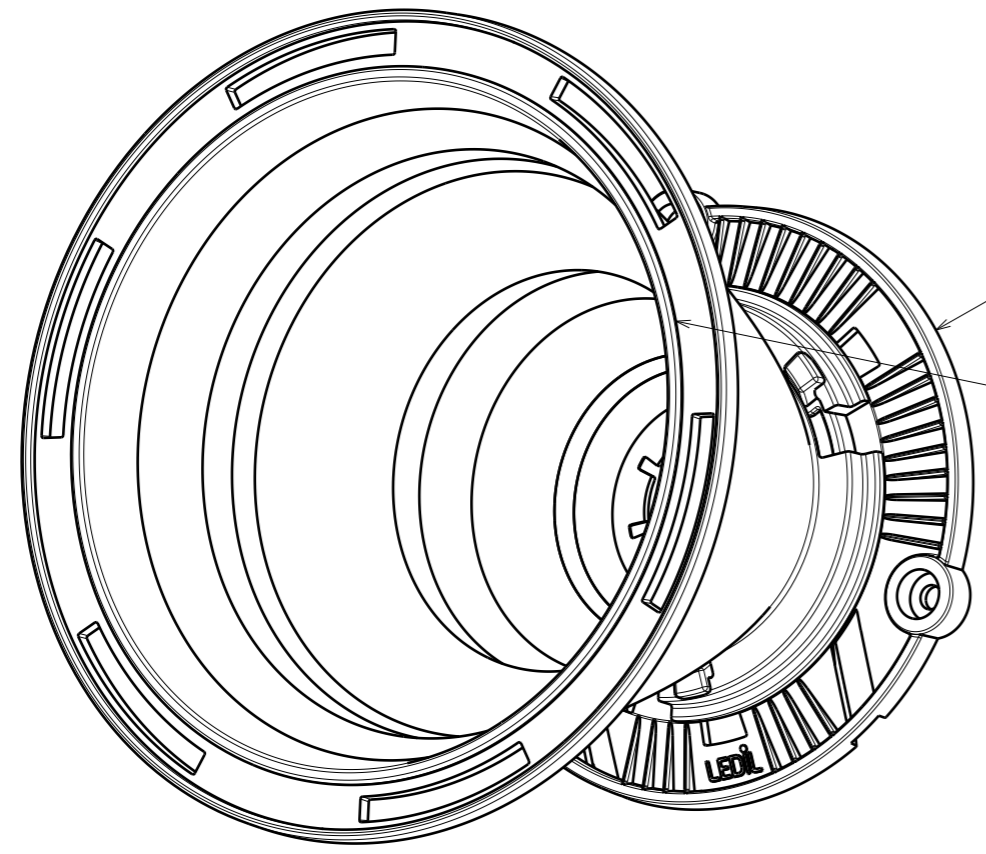
2

1

With optional diffusion lens



LED position



Socket

Reflector

| INDEX | PART NO | MATERIAL | COLOUR |
|-------|-----------|----------|--------|
| 1 | Socket | PC | White |
| 2 | Reflector | PC | Metal |

Tolerances if not otherwise shown
 According to DIN ISO 2768-1
 Linear measures: 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
DATA SHEET LENA-SOCKET VERO13-18

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

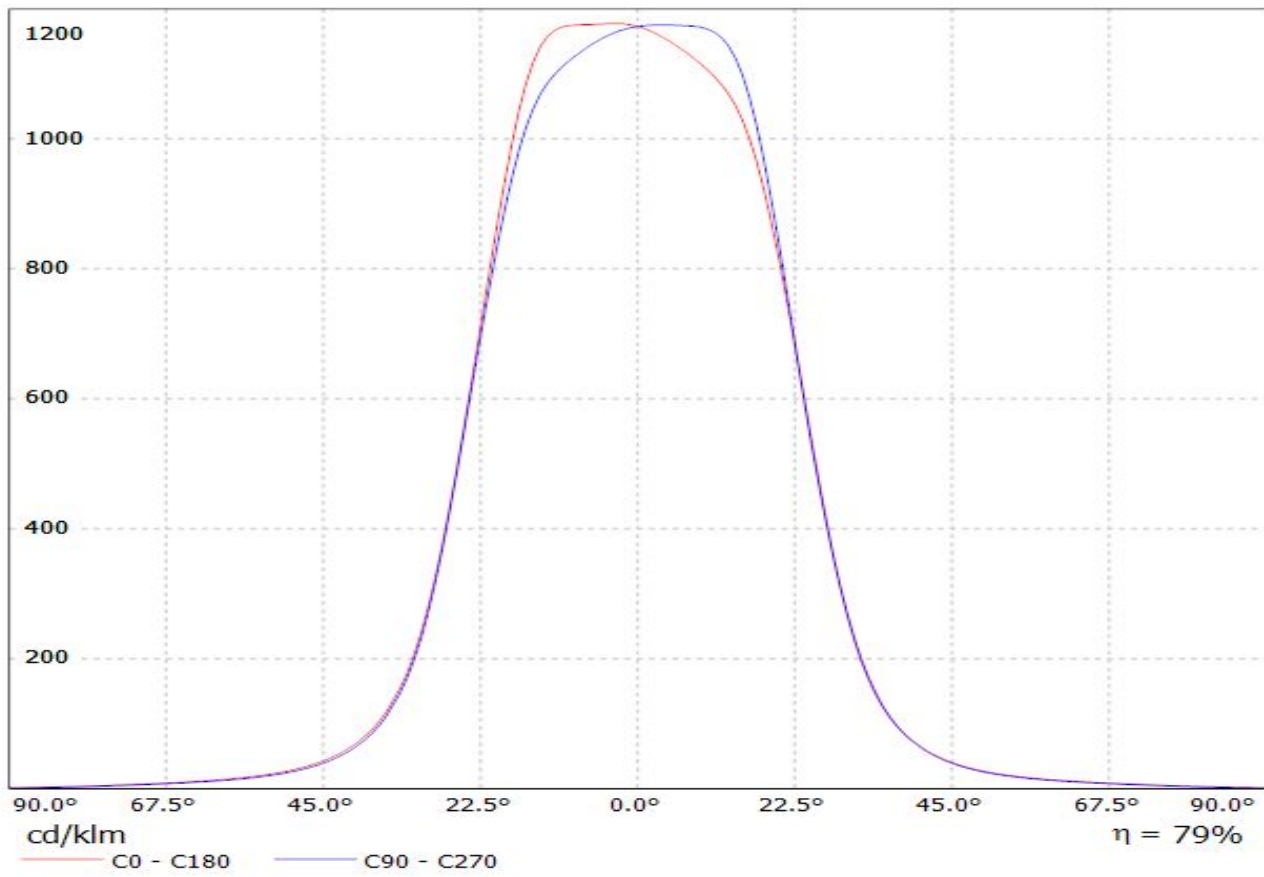
SIZE PART NUMBER
A3 -

SCALE 1:1 WEIGHT - SHEET 1/1

H G B A

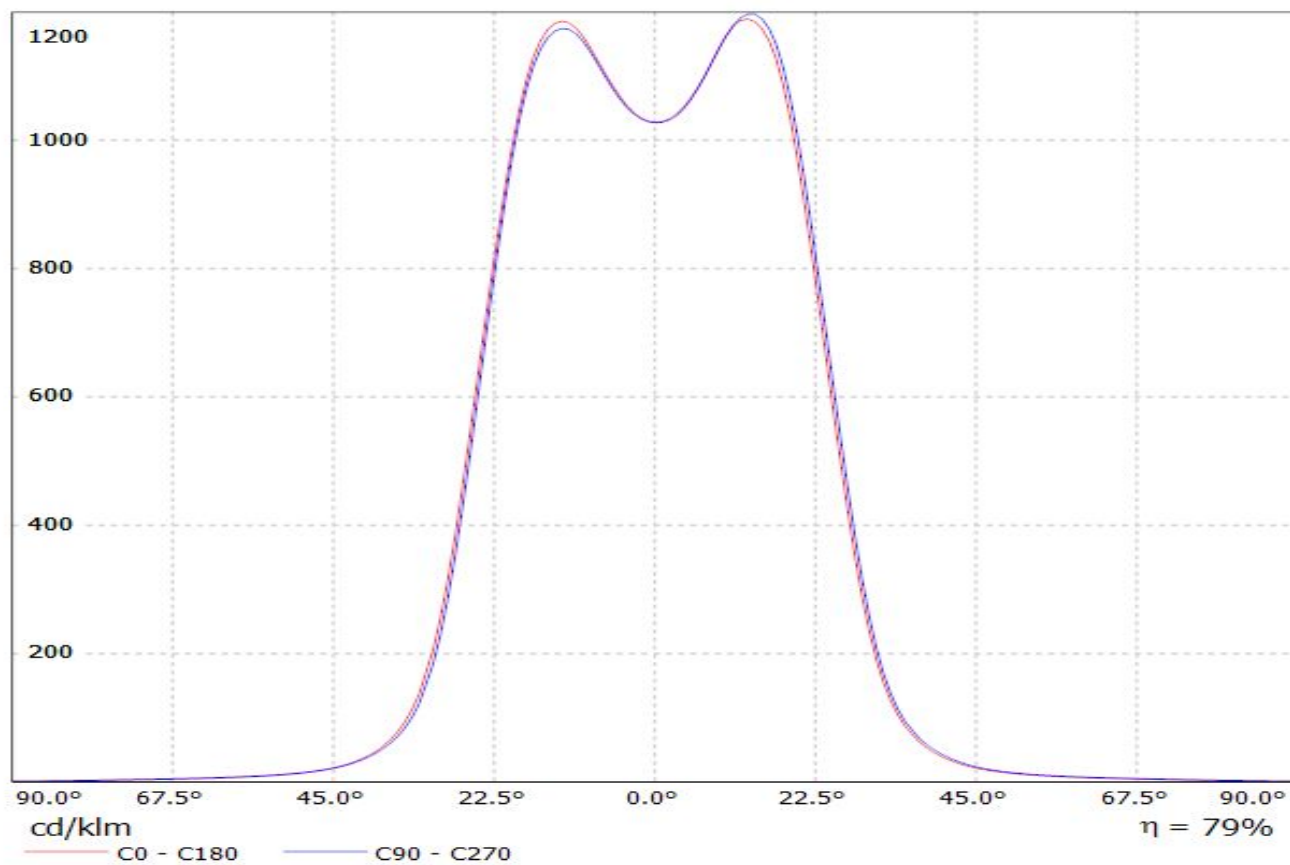
Luminaire: LEDiL Oy CN14091_LENA-W-DL_(VERO13)

Lamps: 1 x VERO13_(BXRC-40E2000C)_1047.61lm@250mA P=7.58043 I=0.2498A

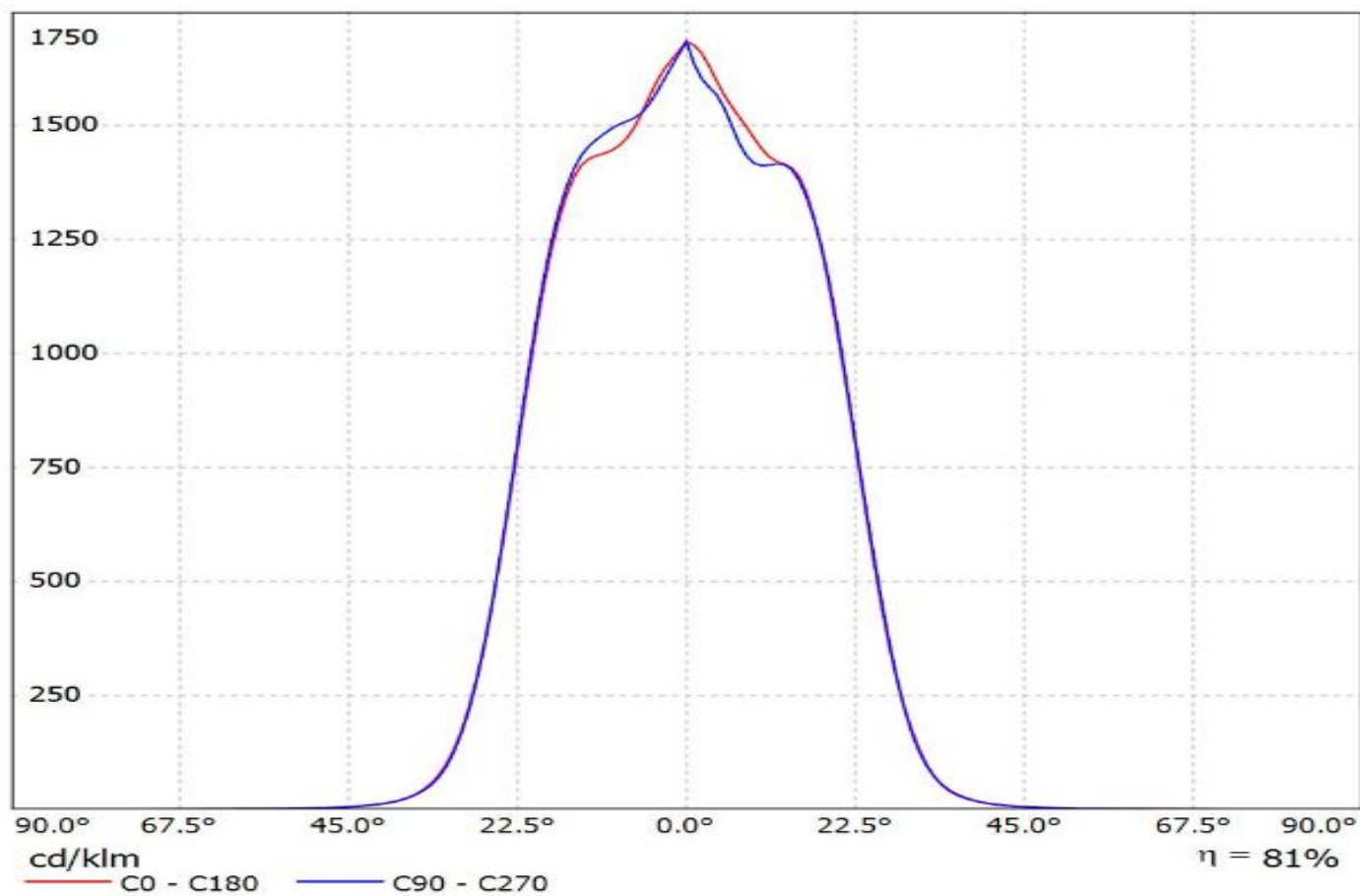


Luminaire: LEDiL Oy CN14091_LENA-W-DL_(VERO18)

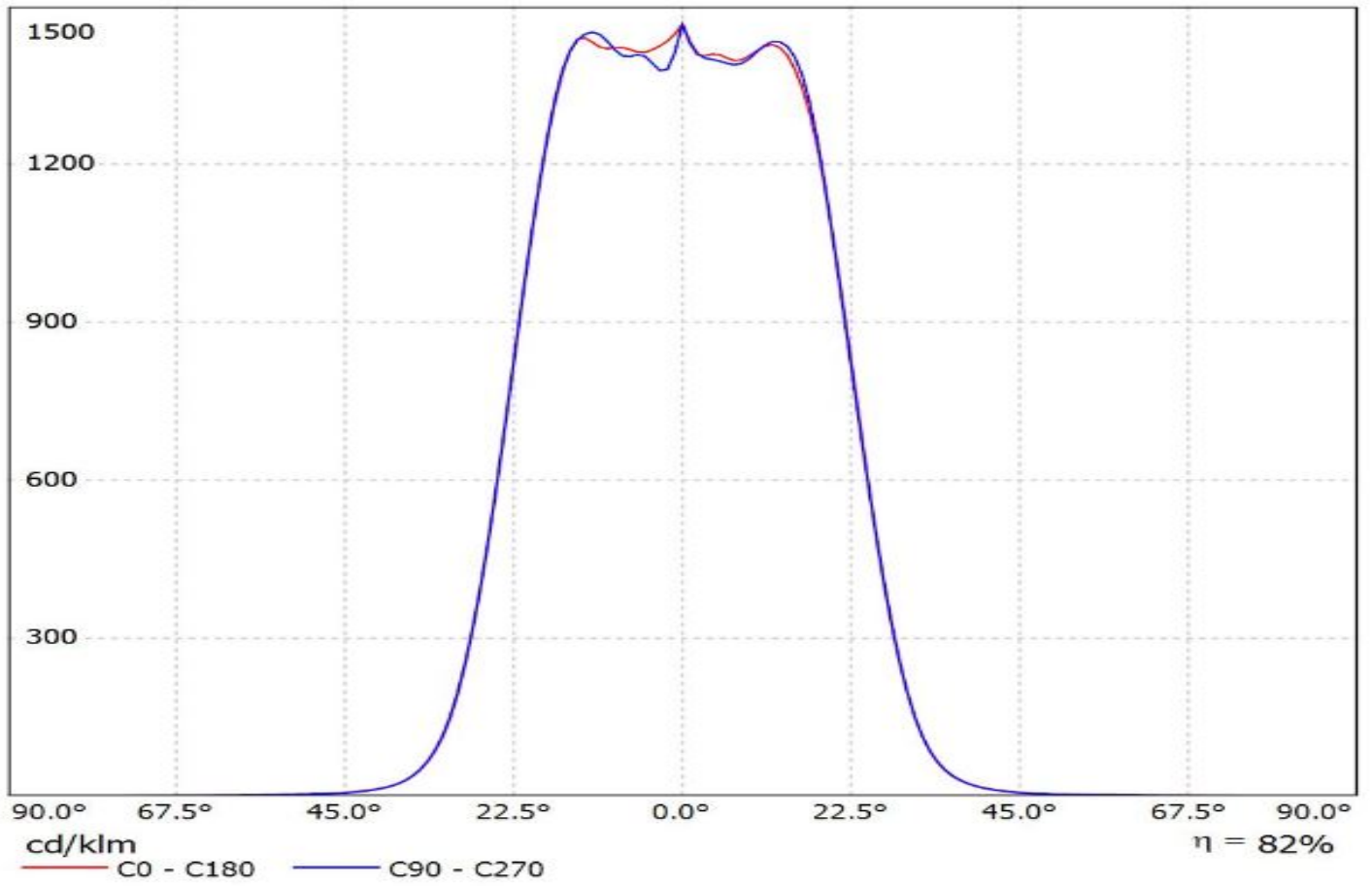
Lamps: 1 x VERO18_(BXRC30E4000F)_886.654lm@250mA P=6.76059W I=249.8mA



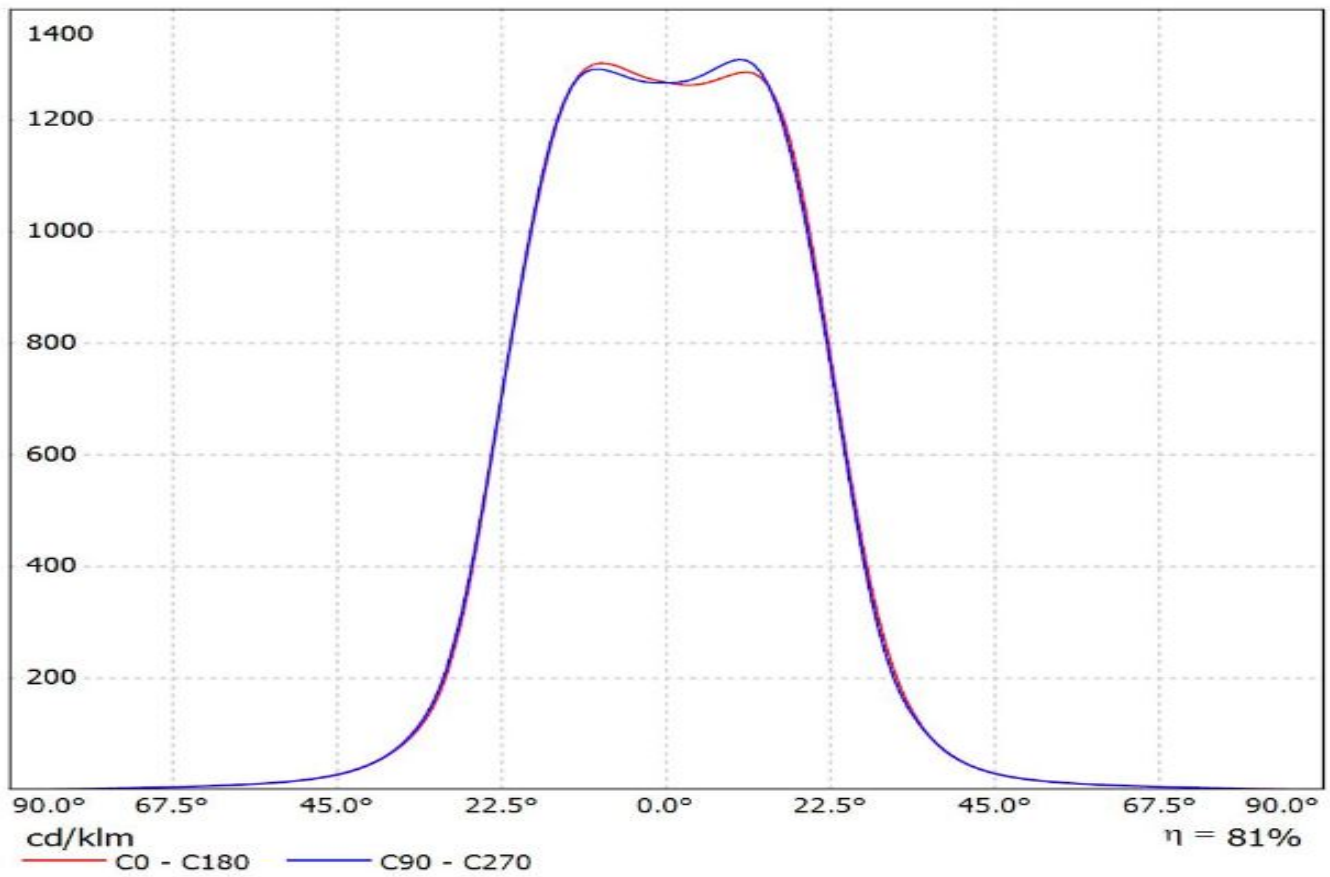
Luminaire: Ledil Oy CN14091_LENA-W-DL+_B&W_434_TypL1_BRIDGELUX_V10_Gen7_SIMULATED
Lamps: 1 x BRIDGELUX V10 Gen7



Luminaire: Ledil Oy CN14091_LENA-W-DL+_B+W_433_TypL1_BRIDGELUX_V13_Gen7_SIMULATED
Lamps: 1 x BRIDGELUX V13 Gen7

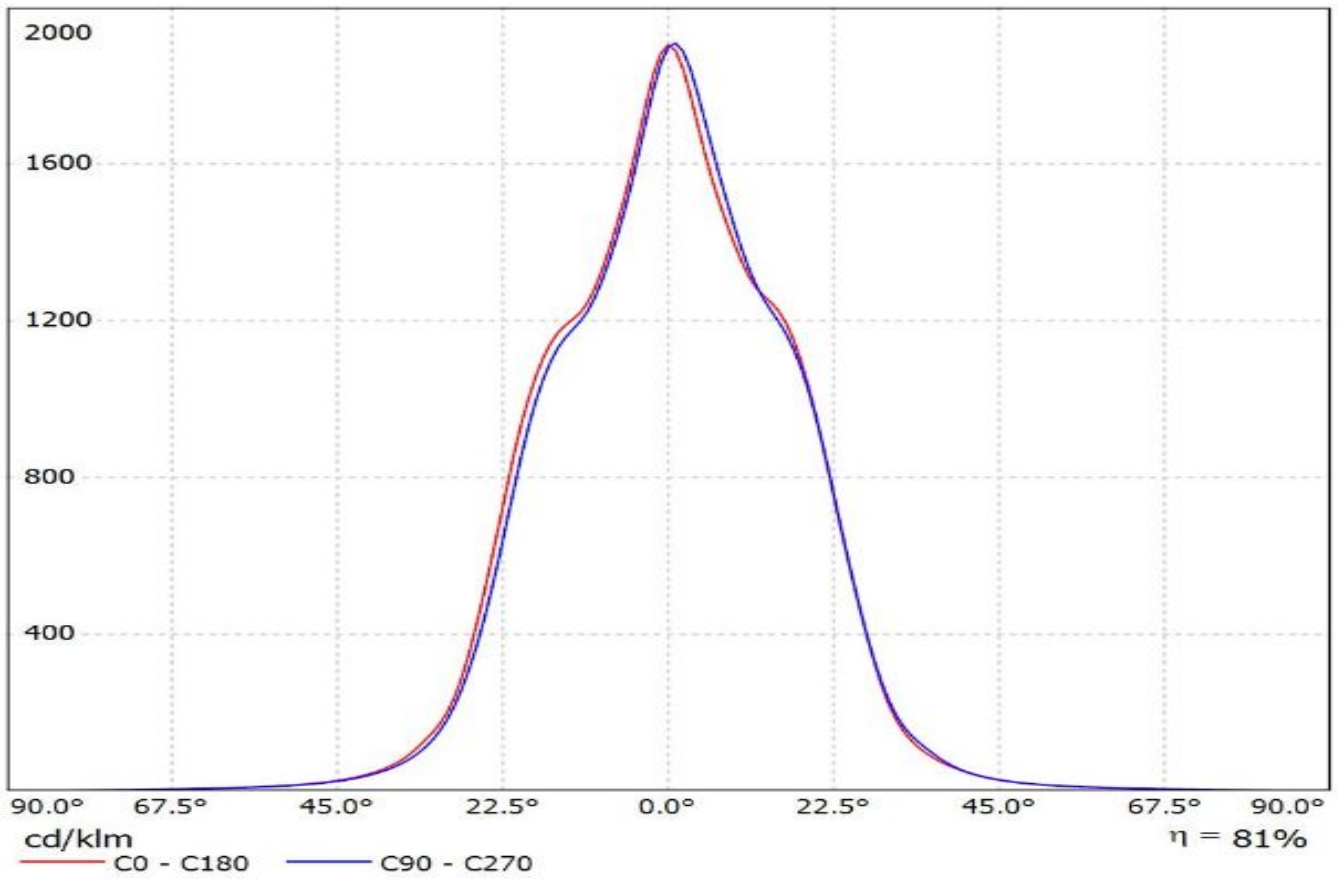


Luminaire: Ledil CN14091_LENA-W-DL_(CLU034)_ (433_Typ_L1) Citizen_CLU034_(CLU034-1205B8-303M1A2)_ 1159.01lm@250mA_P=8.5W_I=0.25A
Lamps: 1 x Citizen_CLU034_(CLU034-1205B8-303M1A2)_ 1159.01lm@250mA_P=8.5W_I=0.25A

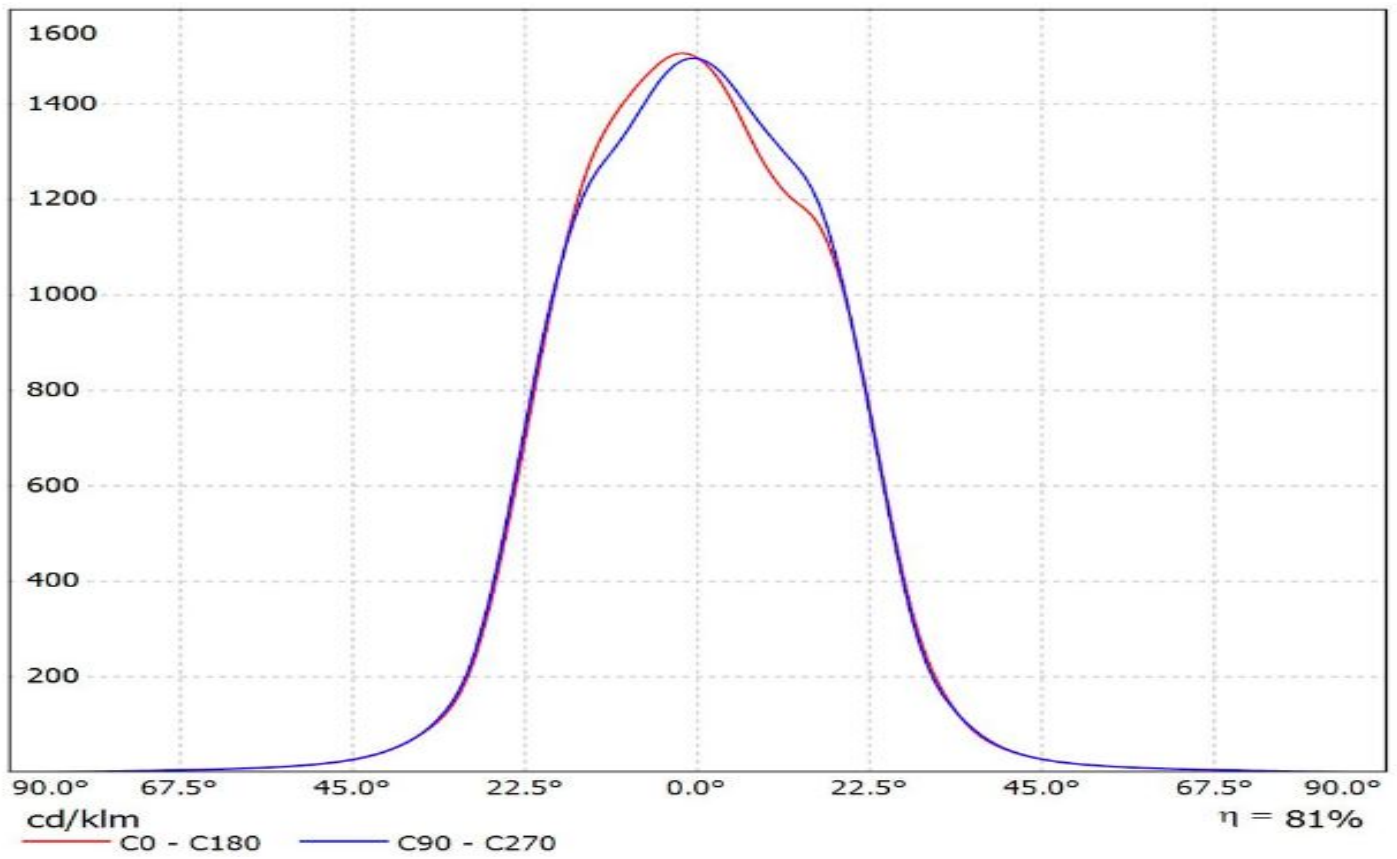


Luminaire: Ledil CN14091_LENA-W-DL_(CLU700)

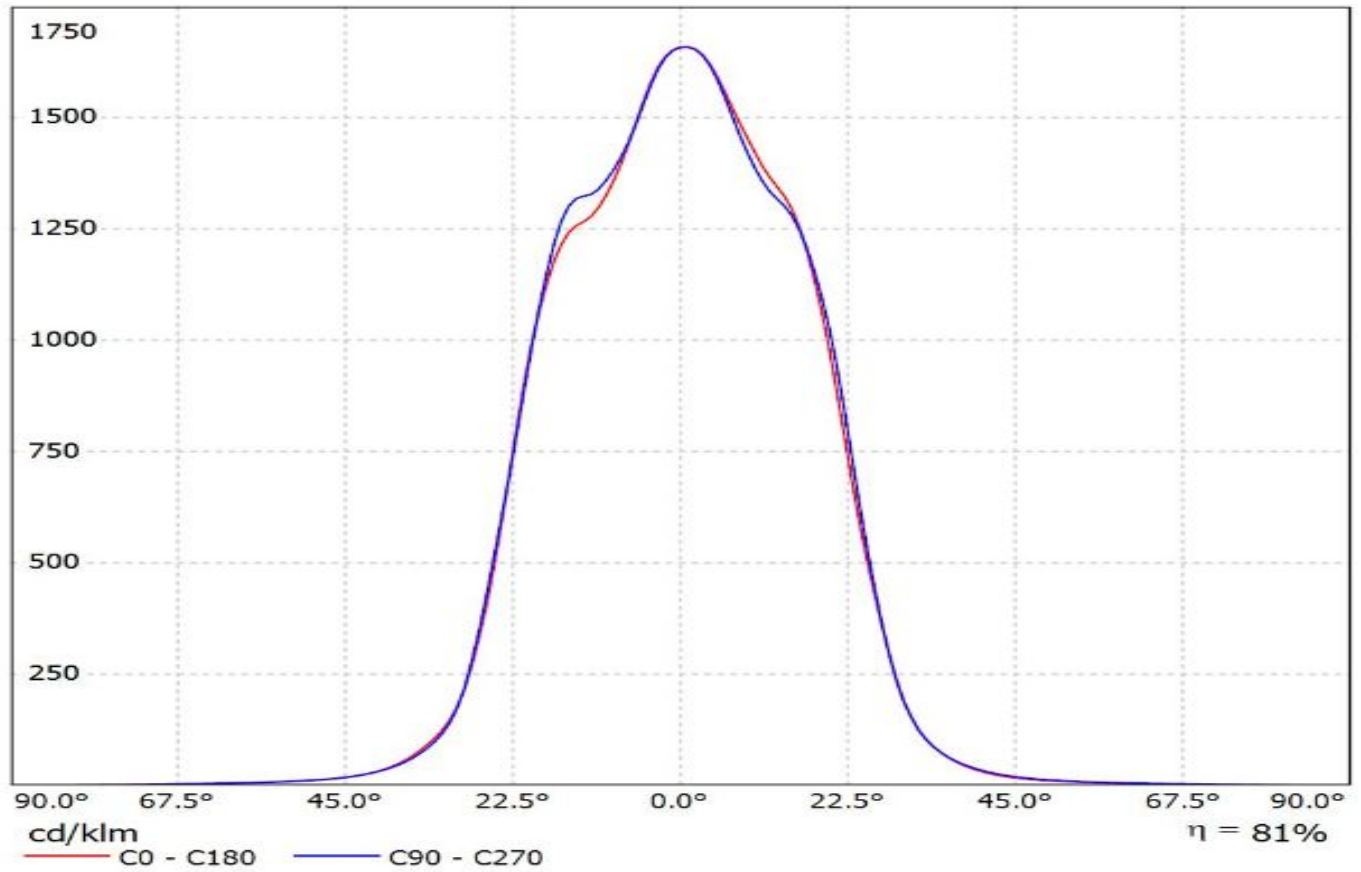
Lamps: 1 x Citizen_CLU700_(CLU700-1002B8-273M2G1)_(434_Typ_L1)_(C13868_LENA-STD-BASE-VERO13-18)_385.255lm@100mA_P=2.82W_I=0.10A



Luminaire: Ledil CN14091_LENA-W-DL_(CLU024)_(434_Typ_L1) Citizen_CLU024_(CLU024-1204B8-303M1AZ)_(434_Typ_L1)_(C13868_LENA-STD-BASE-VERO13-18)
_1048.43lm@250mA_P=8.6W_I=0.25A
Lamps: 1 x Citizen_CLU024_(CLU024-1204B8-303M1AZ)_(434_Typ_L1)_(C13868_LENA-STD-BASE-VERO13-18)_1048.43lm@250mA_P=8.6W_I=0.25A

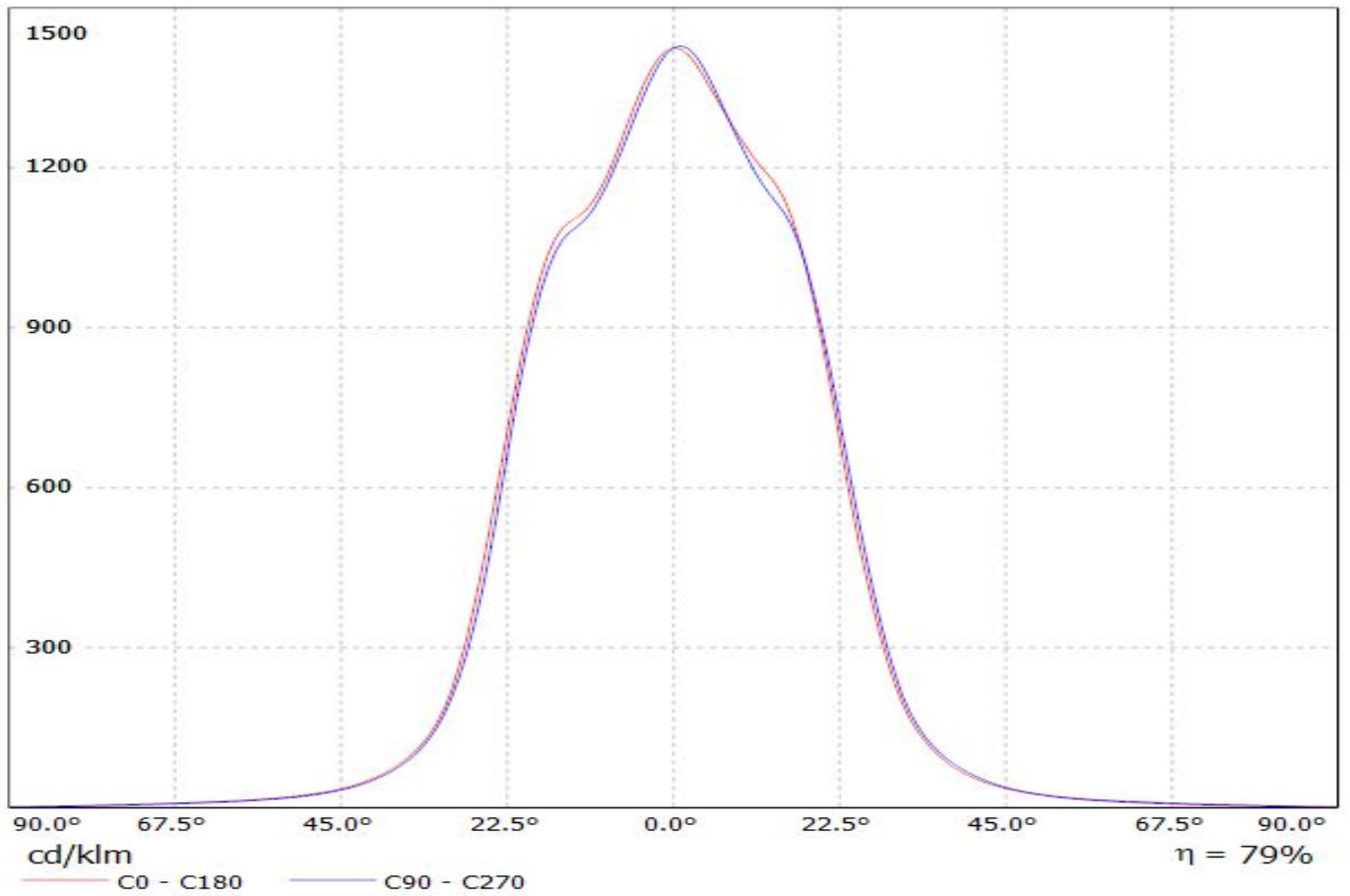


Luminaire: Ledil CN14091_LENA-W-DL_(CXA1520) Cree_CXA1520_(CXA1520-30F-N4-00H-00001)_
(C13868_LENA-STD-BASE-VERO13-18)_ (441_Typ_L1)_1020.39lm@250mA_P=8.8025W_I=0.25A
Lamps: 1 x Cree_CXA1520_(CXA1520-30F-N4-00H-00001)_ (C13868_LENA-STD-BASE-VERO13-18)_
(441_Typ_L1)_1020.39lm@250mA_P=8.8025W_I=0.25A



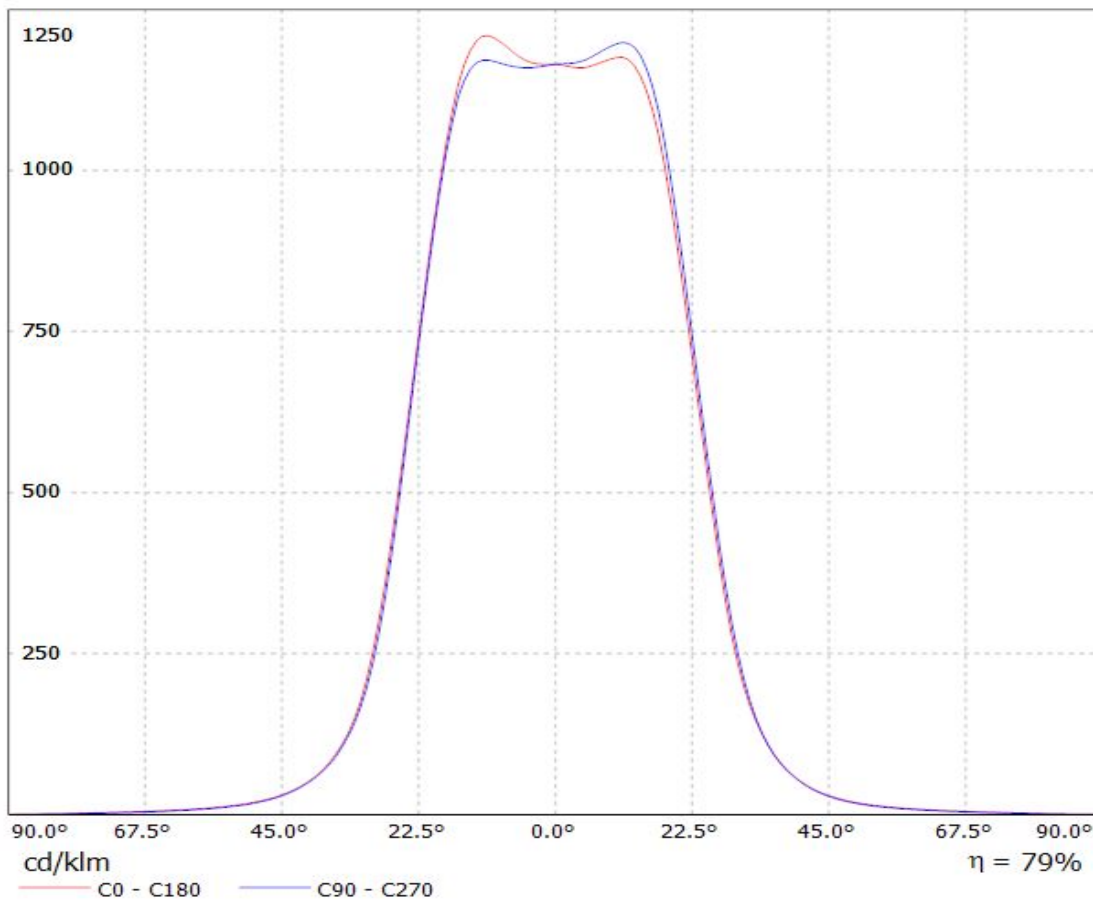
Luminaire: LEDiL Oy CN14091_LENA-W-DL_(NFCxL036B)

Lamps: 1 x NICHIA_NFCxL036B_(sm403J1300R8000)_540.584lm@100mA_CCT=4000K_P=3.3W_I=0.1A



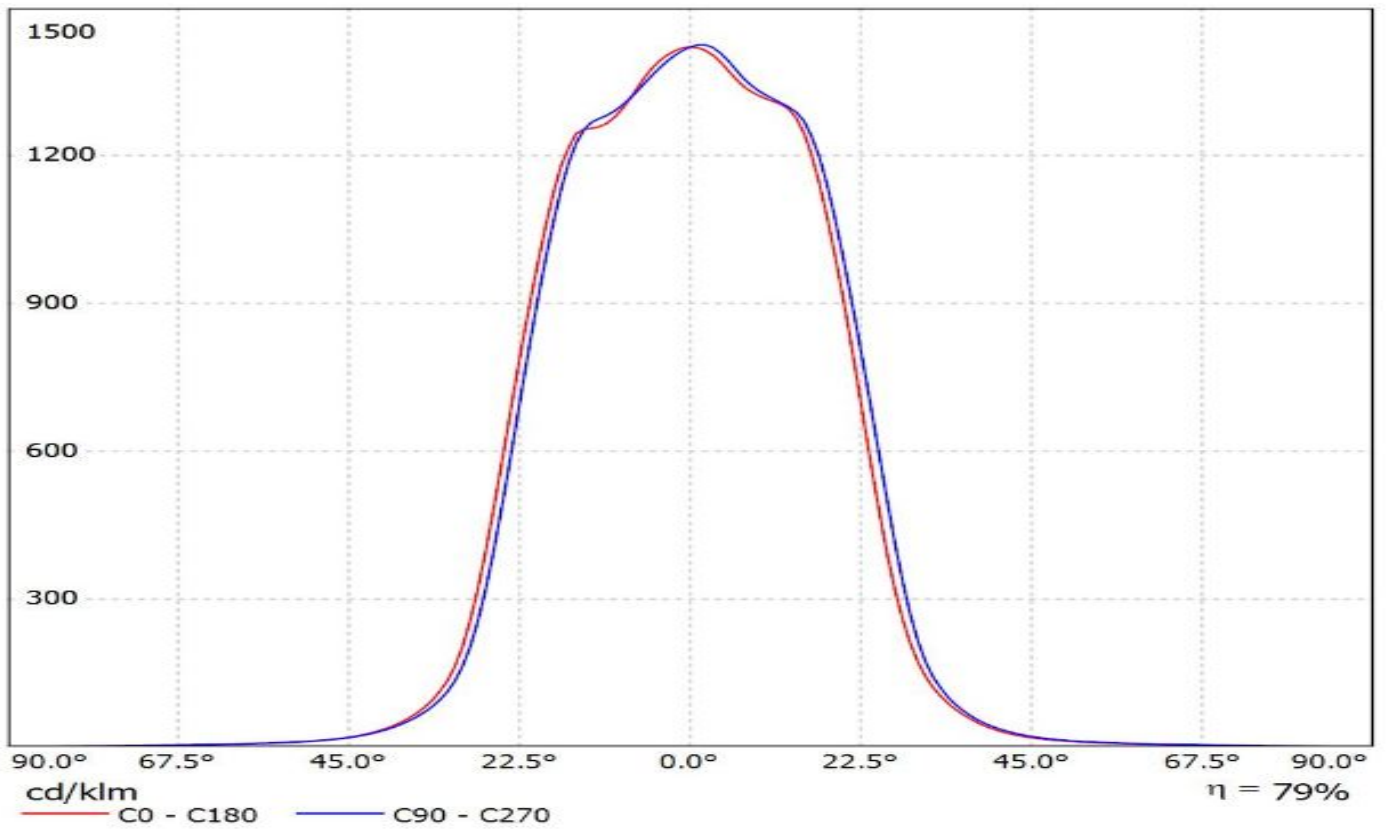
Luminaire: LEDiL Oy CN14091_LENA-W-DL_(NFDxJ130B)_(463_Typ_L2)

Lamps: 1 x Nichia_NFDxJ130B_(C13868_LENA-STD-BASE-VERO13-18)_(463 Typ L2)_1441.32lm@250mA_P=8.88913W_I=0.2498A



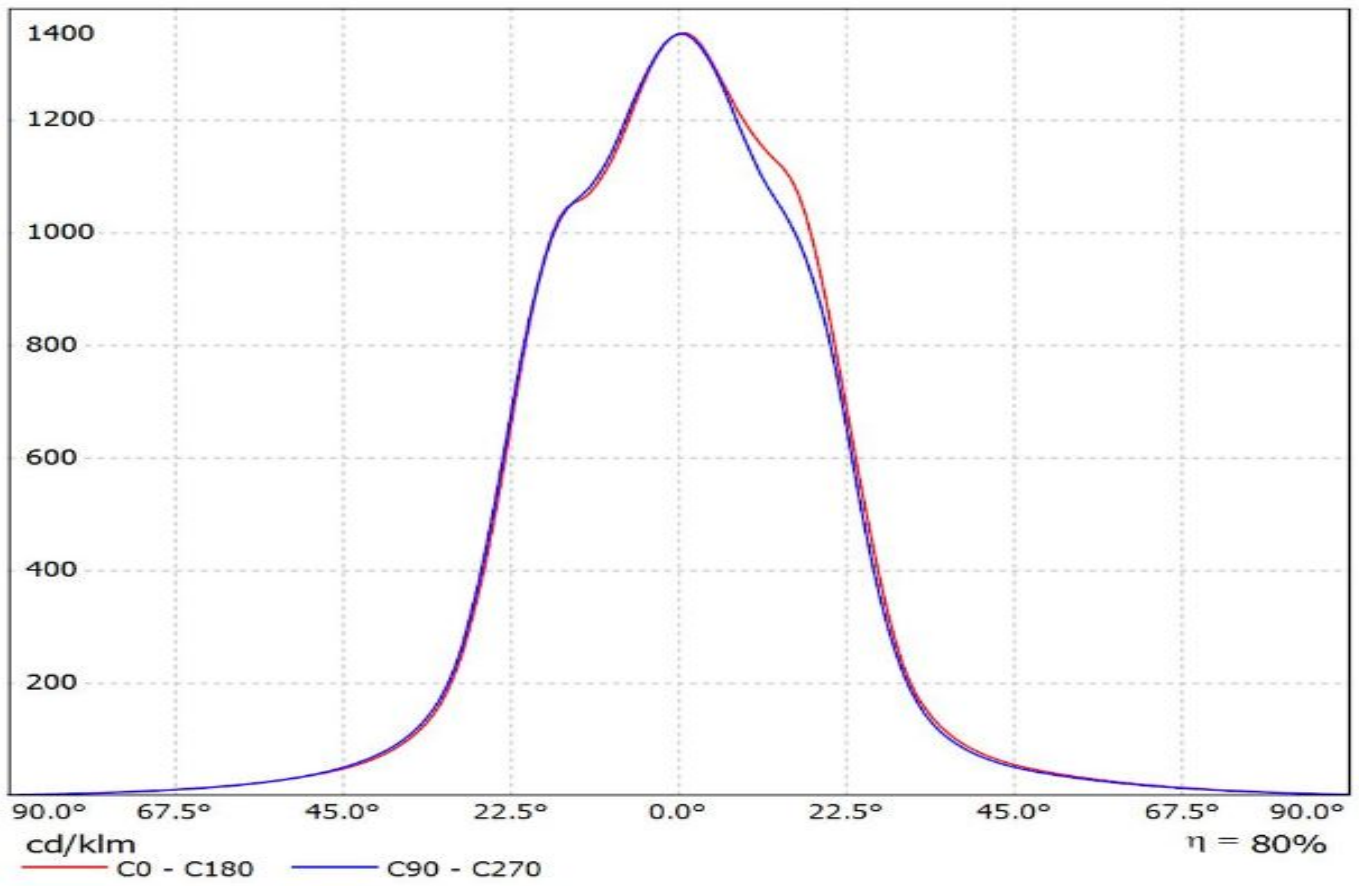
LEDiL Oy CN14091_LENA-W-DL_(NFCxL060B) / LDC (Linear)

Luminaire: LEDiL Oy CN14091_LENA-W-DL_(NFCxL060B)
Lamps: 1 x Nichia_NFCxL060B_(SM403G2450R8000)_(438_Typ_L1)
_1276.73lm@250mA_P=8.45587W_I=0.2499A



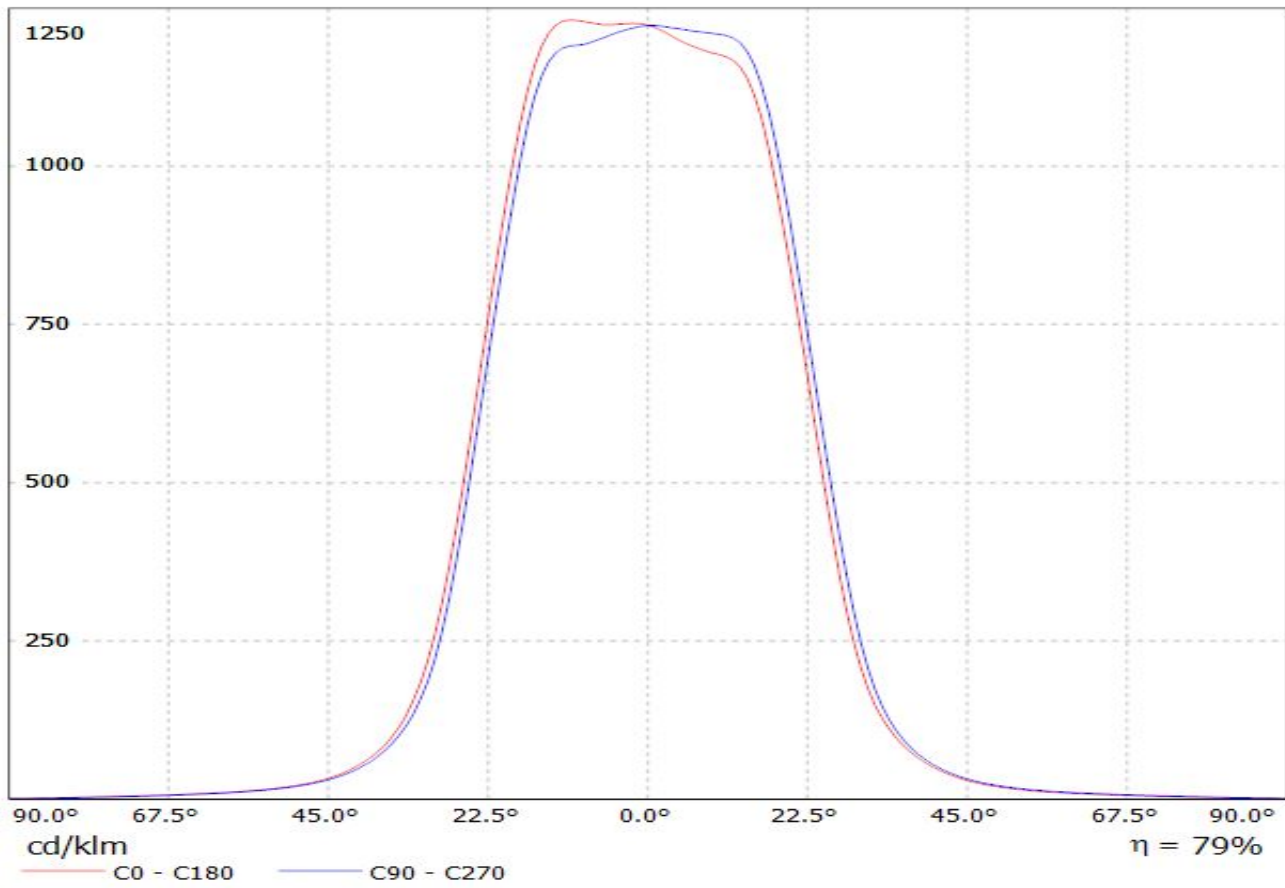
Luminaire: Ledil CN14091_LENA-W-DL_(Soleriq_P9)

Lamps: 1 x Osram_Soleriq_P9_(GW_MAFJB1.EM)_975.439lm@250mA_CCT=4299K_P=6.9W_I=0.25A



Luminaire: LEDiL Oy CN14091_LENA-W-DL (Soleriq P13)

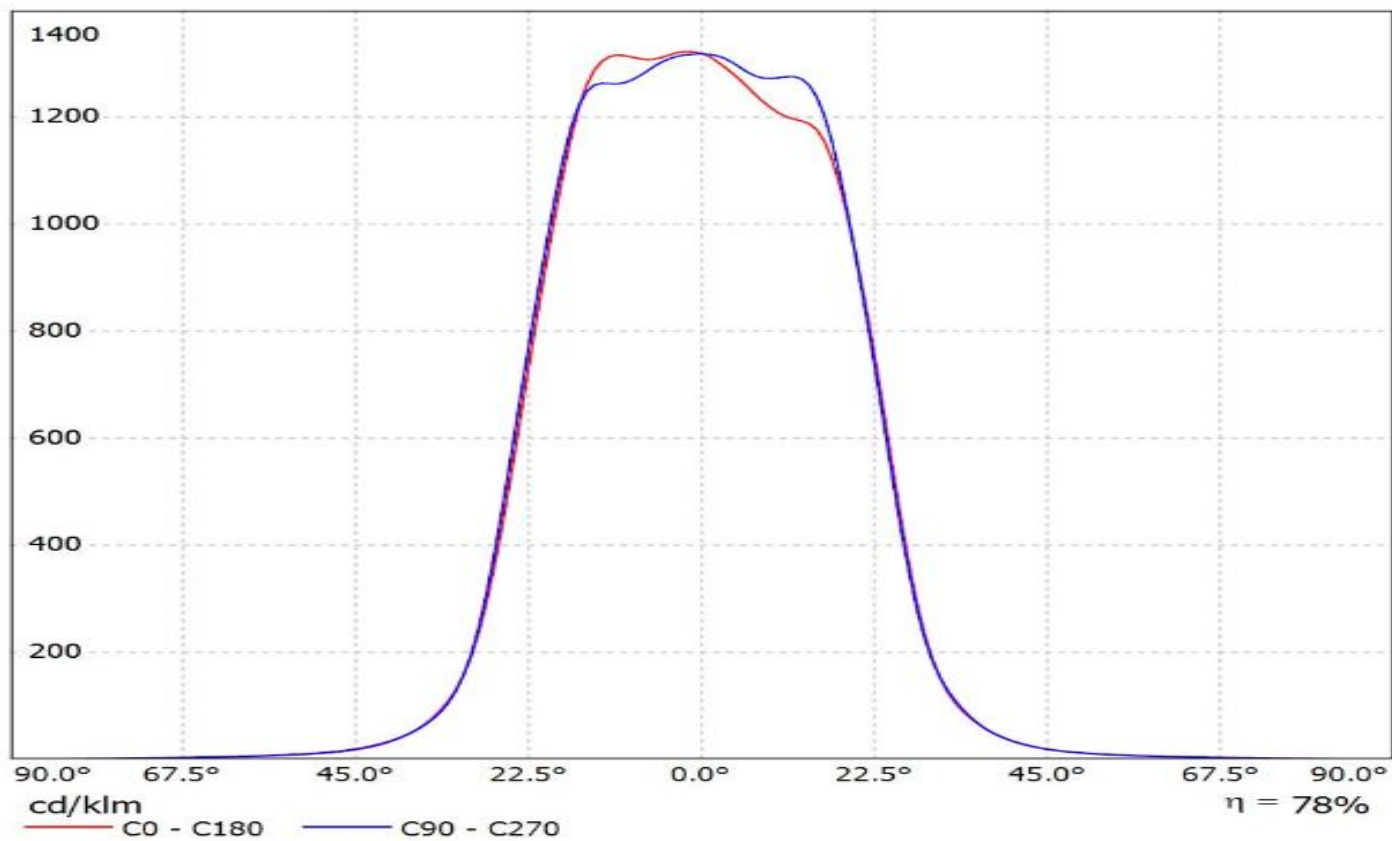
Lamps: 1 x Osram Soleriq P13 (GW MAGMB1.EM)_919.464lm@250mA_CCT=3500K_P=8.80195W_I=0.25A



Ledil CN14091_LENA-W-DL_(Soleriq_S13) / LDC (Linear)

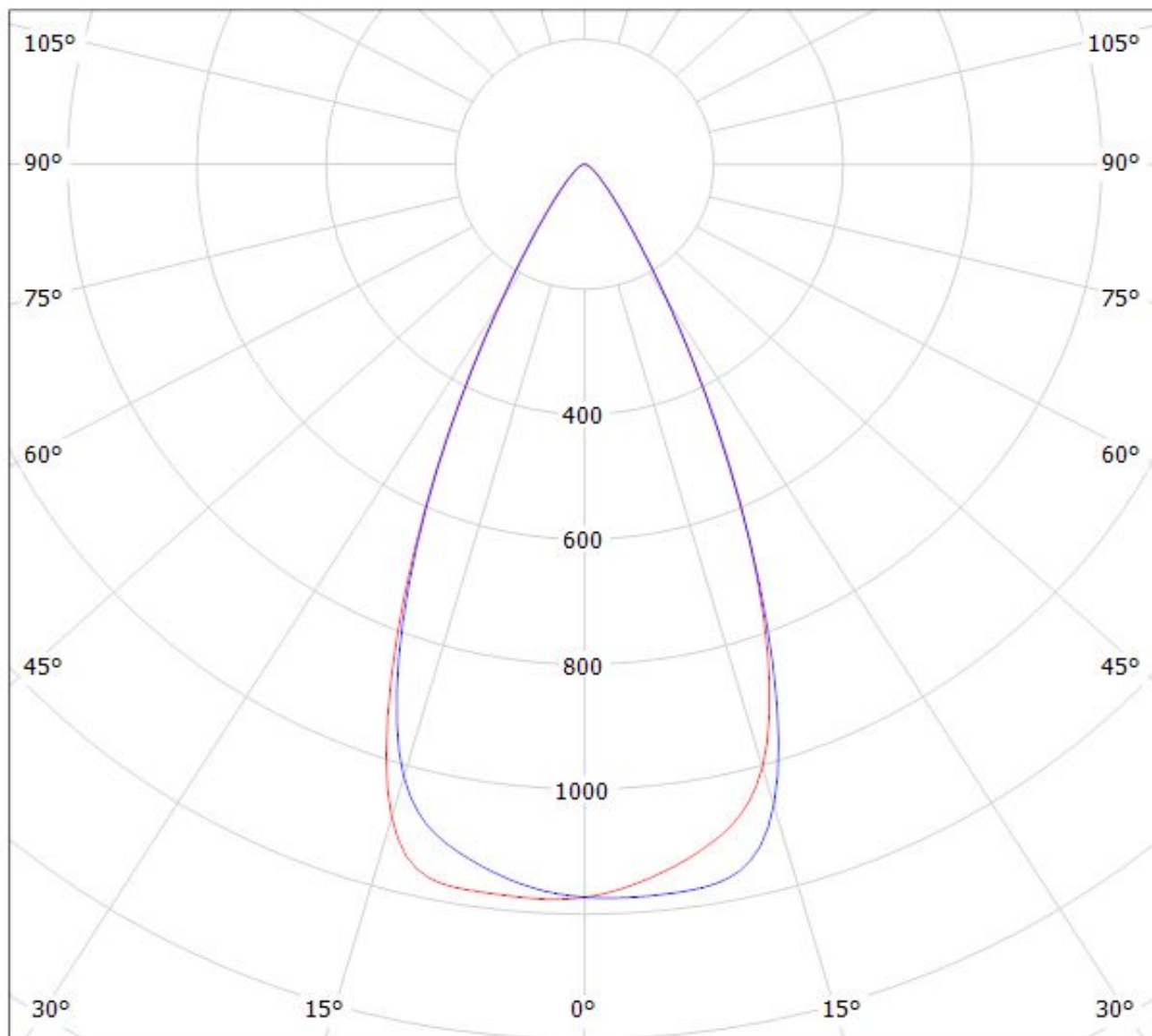
Luminaire: Ledil CN14091_LENA-W-DL_(Soleriq_S13)

Lamps: 1 x Osram_Soleriq_S13_(GW_KAGHB1.EM)_921.228lm@250mA_P=7.44679W_I=250mA



Luminaire: LEDiL Oy CN14091_LENA-W-DL_(VERO13)

Lamps: 1 x VERO13_(BXRC-40E2000C)_1047.61lm@250mA P=7.58043 I=0.2498A



cd/klm

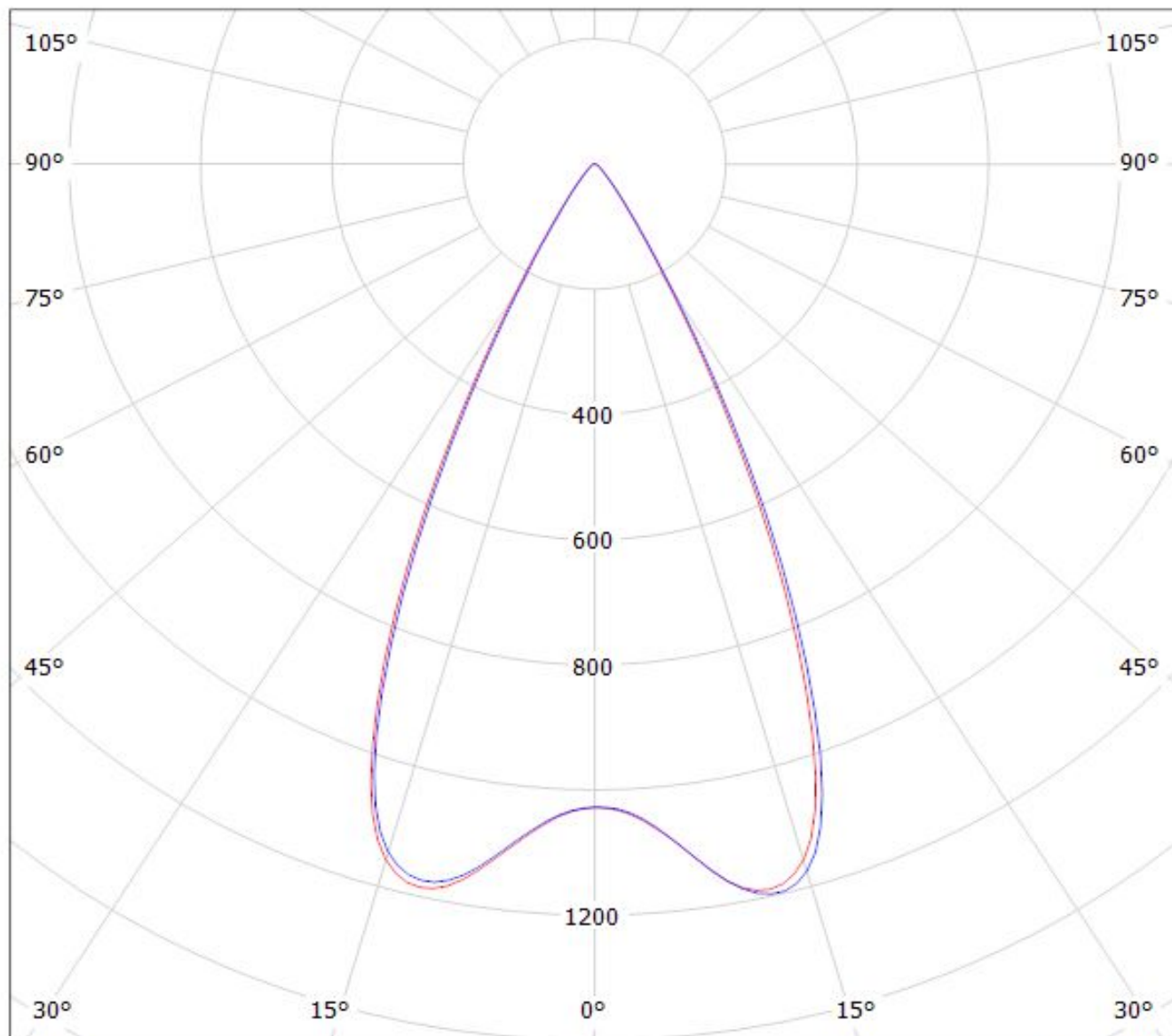
$\eta = 79\%$

— C0 - C180

— C90 - C270

Luminaire: LEDiL Oy CN14091_LENA-W-DL_(VERO18)

Lamps: 1 x VERO18_(BXRC30E4000F)_886.654lm@250mA P=6.76059W I=249.8mA



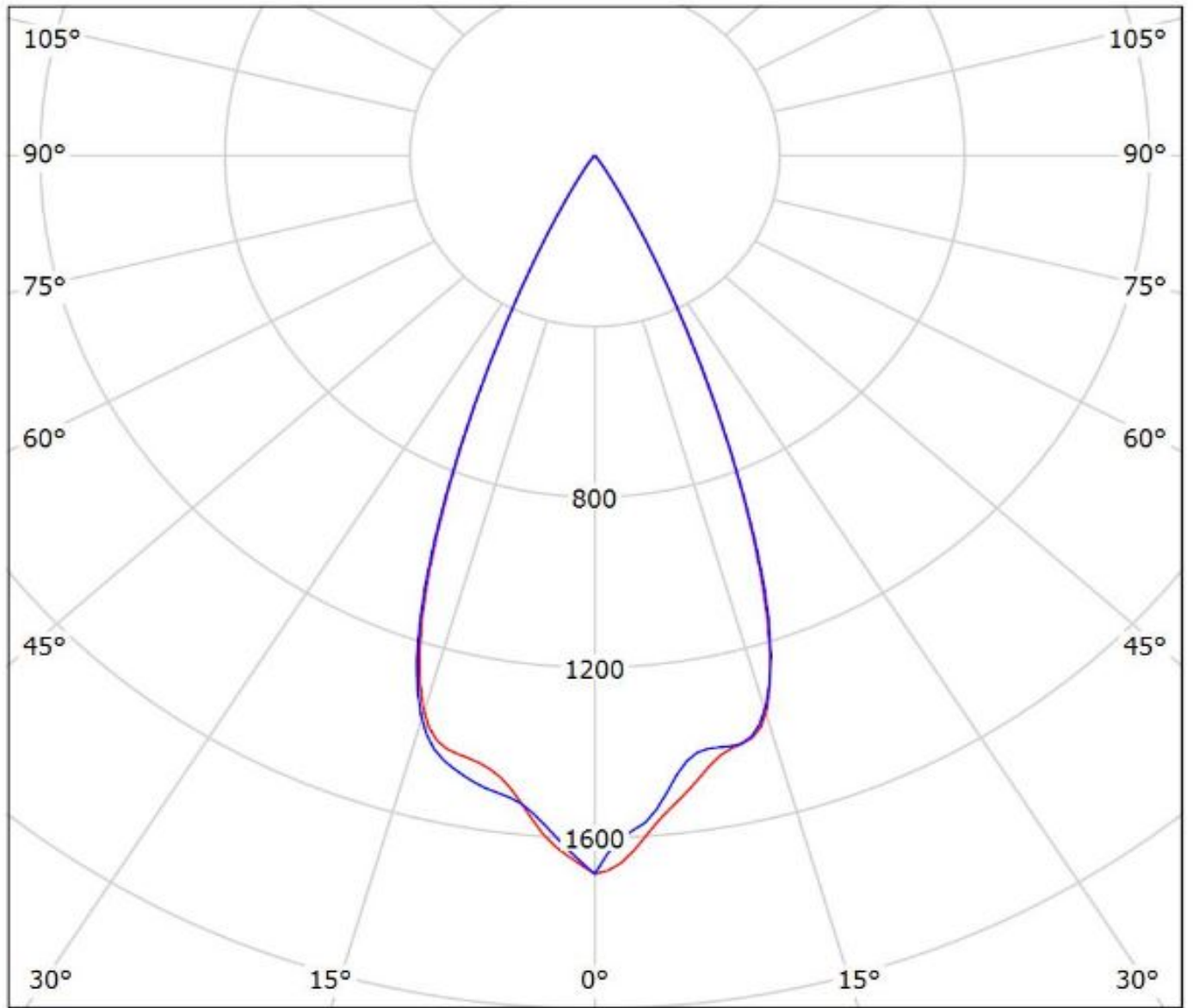
cd/klm

$\eta = 79\%$

— C0 - C180

— C90 - C270

Luminaire: Ledil Oy CN14091_LENA-W-DL+_B&W_434_TypL1_BRIDGELUX_V10_Gen7_SIMULATED
Lamps: 1 x BRIDGELUX V10 Gen7



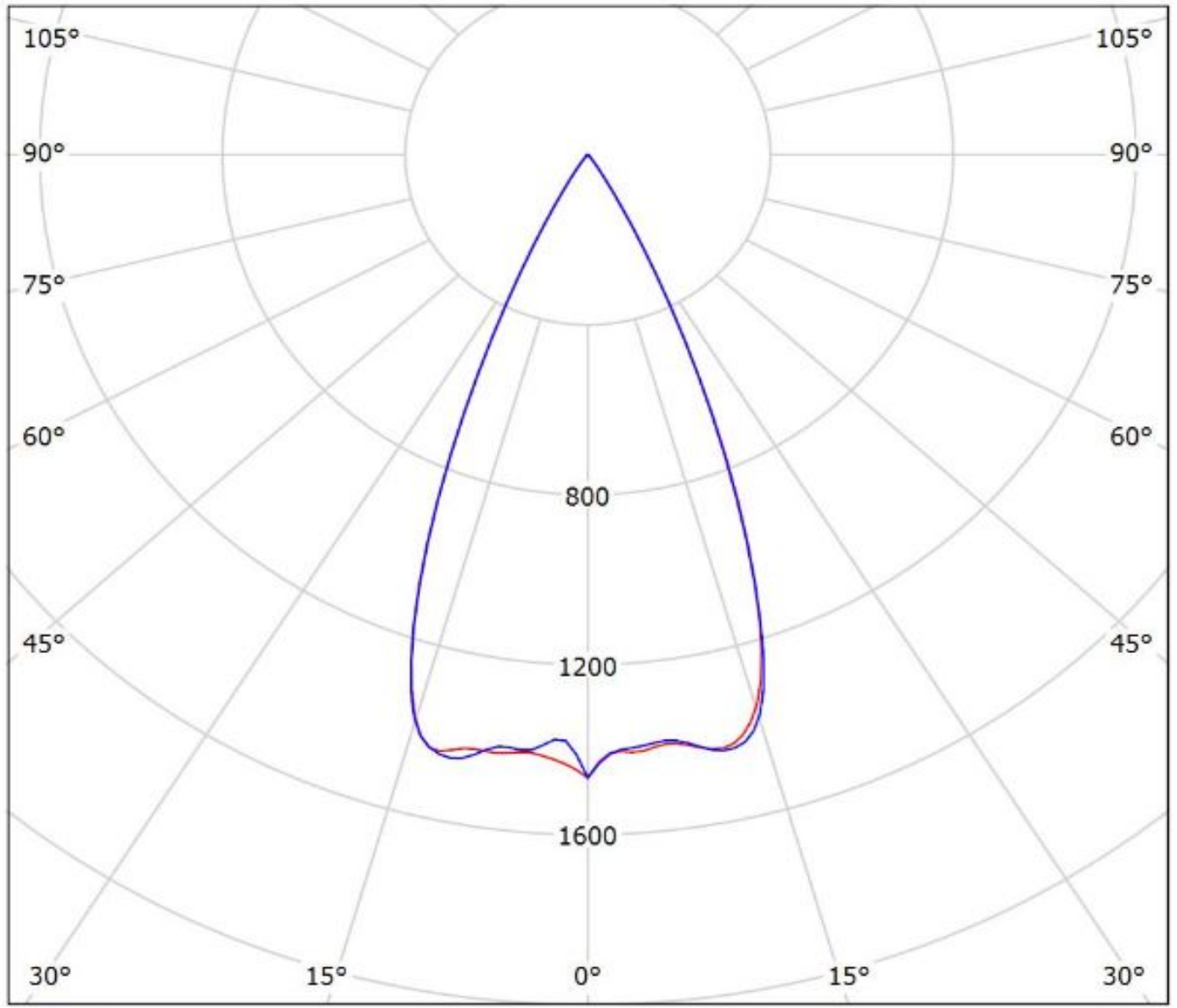
cd/klm

— C0 - C180

— C90 - C270

$\eta = 81\%$

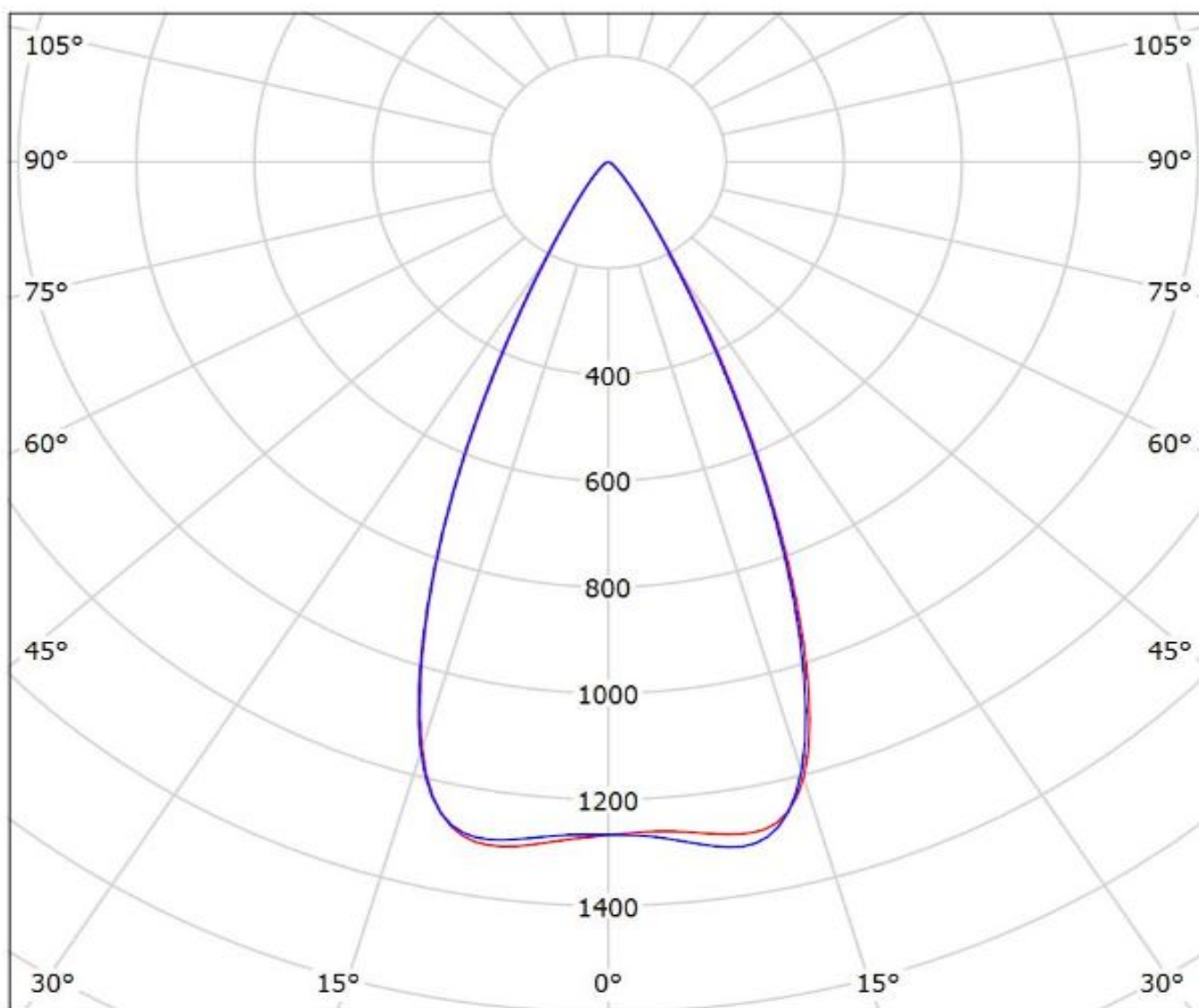
Luminaire: Ledil Oy CN14091_LENA-W-DL+_B+W_433_TypL1_BRIDGELUX_V13_Gen7_SIMULATED
Lamps: 1 x BRIDGELUX V13 Gen7



cd/klm
— C0 - C180 — C90 - C270

$\eta = 82\%$

Luminaire: Ledil CN14091_LENA-W-DL_(CLU034)_(433_Typ_L1) Citizen_CLU034_(CLU034-1205B8-303M1A2)_1159.01lm@250mA_P=8.5W_I=0.25A
Lamps: 1 x Citizen_CLU034_(CLU034-1205B8-303M1A2)_1159.01lm@250mA_P=8.5W_I=0.25A

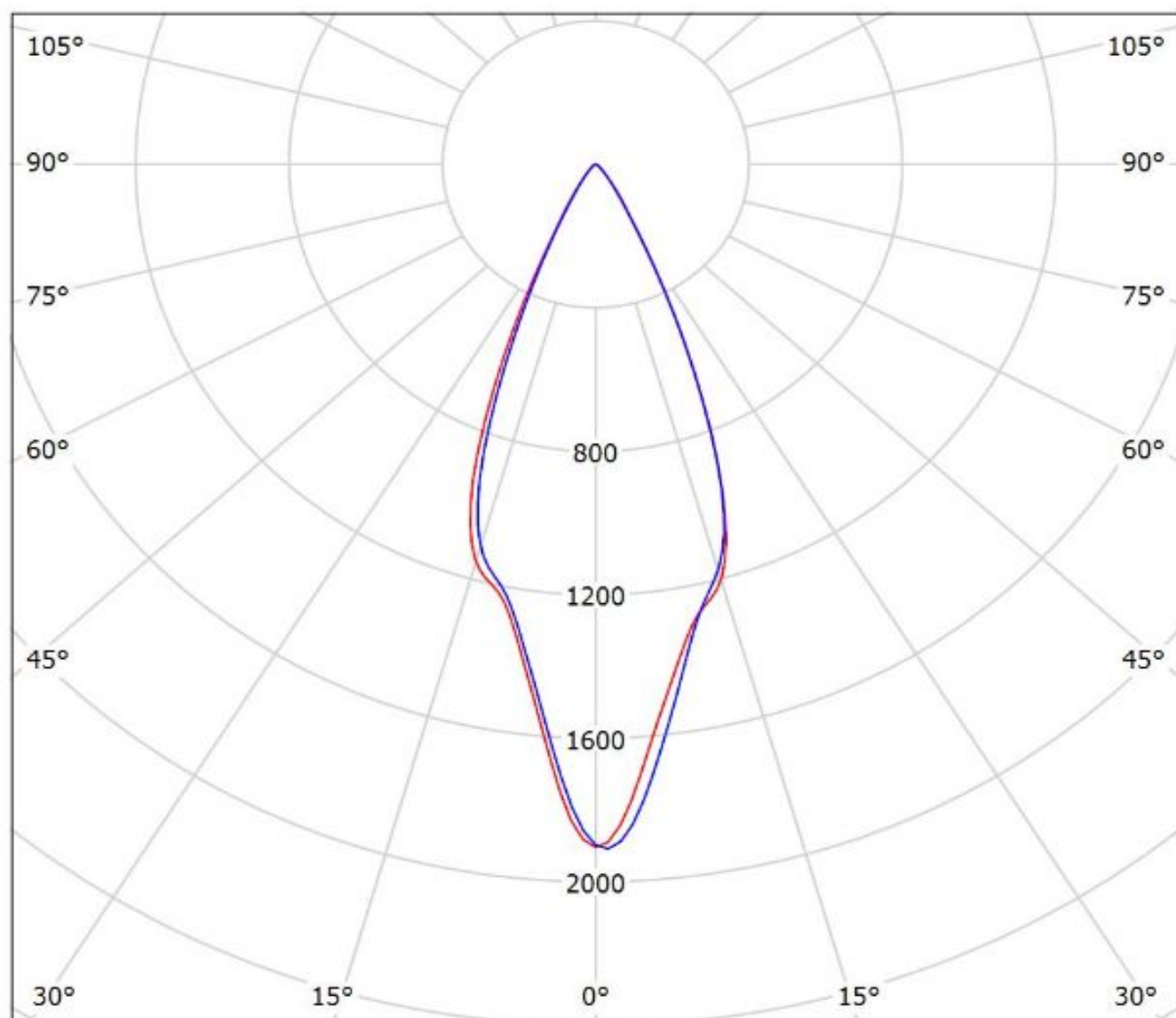


cd/klm
— C0 - C180 — C90 - C270

$\eta = 81\%$

Luminaire: Ledil CN14091_LENA-W-DL_(CLU700)

Lamps: 1 x Citizen_CLU700_(CLU700-1002B8-273M2G1)_(434_Typ_L1)_(C13868_LENA-STD-BASE-VERO13-18)_385.255lm@100mA_P=2.82W_I=0.10A

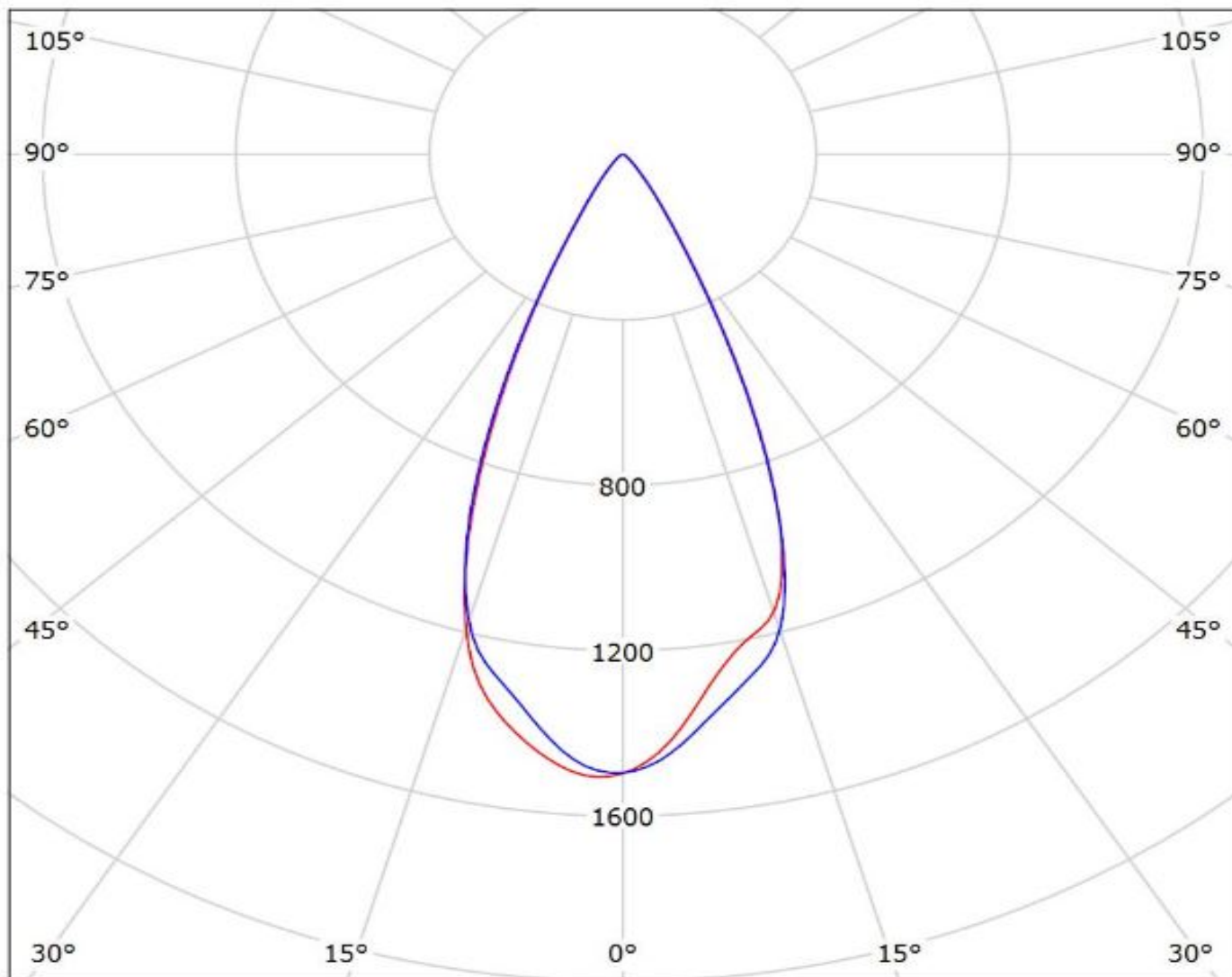


cd/klm

— C0 - C180 — C90 - C270

$\eta = 81\%$

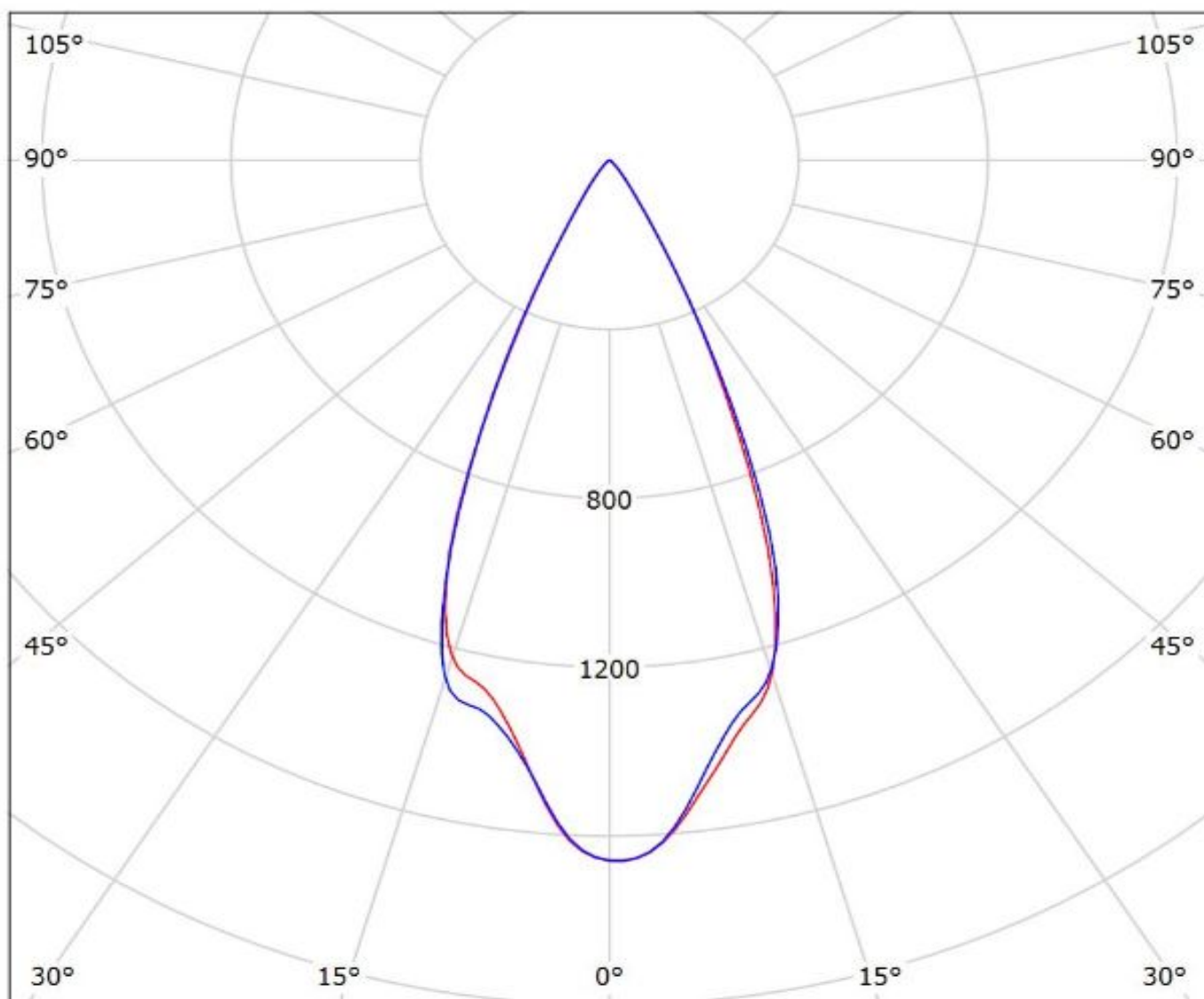
Luminaire: Ledil CN14091_LENA-W-DL_(CLU024)_ (434_Typ_L1) Citizen_CLU024_(CLU024-1204B8-303M1AZ)_ (434_Typ_L1)_ (C13868_LENA-STD-BASE-VERO13-18)_1048.43lm@250mA_P=8.6W_I=0.25A
Lamps: 1 x Citizen_CLU024_(CLU024-1204B8-303M1AZ)_ (434_Typ_L1)_ (C13868_LENA-STD-BASE-VERO13-18)_1048.43lm@250mA_P=8.6W_I=0.25A



cd/klm
— C0 - C180 — C90 - C270

$\eta = 81\%$

Luminaire: Ledil CN14091_LENA-W-DL_(CXA1520) Cree_CXA1520_(CXA1520-30F-N4-00H-00001)_(C13868_LENA-STD-BASE-VERO13-18)_(441_Typ_L1)_1020.39lm@250mA_P=8.8025W_I=0.25A
Lamps: 1 x Cree_CXA1520_(CXA1520-30F-N4-00H-00001)_(C13868_LENA-STD-BASE-VERO13-18)_(441_Typ_L1)_1020.39lm@250mA_P=8.8025W_I=0.25A



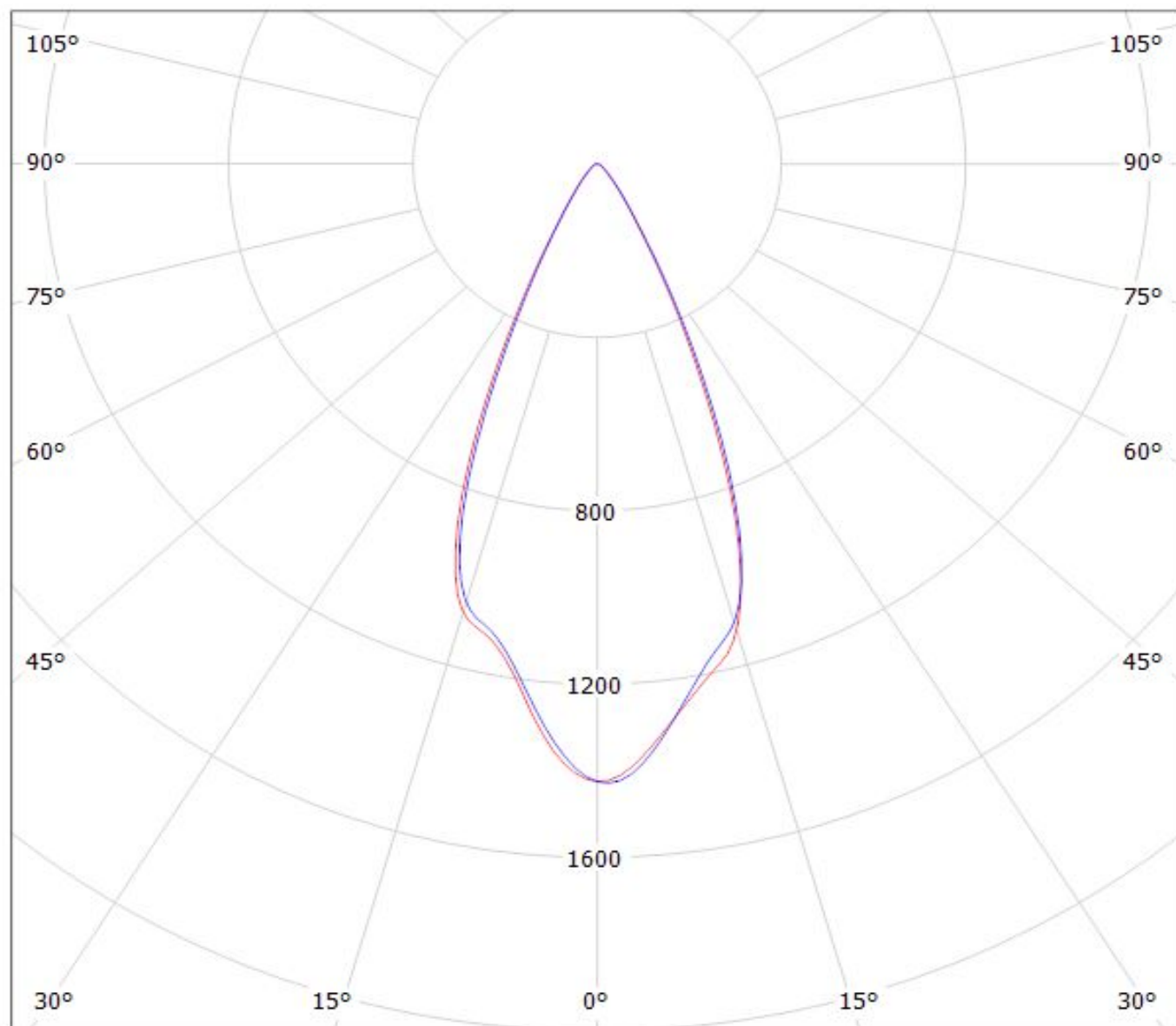
cd/klm

— C0 - C180 — C90 - C270

$\eta = 81\%$

Luminaire: LEDiL Oy CN14091_LENA-W-DL_(NFCxL036B)

Lamps: 1 x NICHIA_NFCxL036B_(sm403J1300R8000)_540.584lm@100mA_CCT=4000K_P=3.3W_I=0.1A



cd/klm

— C0 - C180

— C90 - C270

$\eta = 79\%$