

DETAILS

Product Number	C13101_LENA-X-WAS
Family	Lena
Type	Reflector
Color	white
Diameter	111 mm
Height	37 mm
Style	round
Optic Material	HRPC
Holder Material	
Fastening	glue
Status	production ready
ROHS Compliant	Yes
Date Updated	8/12/2017



OPTICAL PROPERTIES

LED	Viewing Angle	Light Beam	Efficiency	cd/lm	Connector
-	NULL deg	Asymmetric	-	-	-
V13 Gen7	sim: Asymmetric	Asymmetric	sim: 87 %	sim: 0.680	IDEAL: 50-2103CT + 50-2100LN
V10 Gen6	Asymmetric deg	Asymmetric	82 %	0.520	-
BXRA ES Rectangle	Asymmetric deg	Asymmetric	81 %	0.500	-
BXRA ES Rectangle	Asymmetric deg	Asymmetric	77 %	0.460	-
BXRA RS	Asymmetric deg	Asymmetric	87 %	0.500	-
BXRA RS	Asymmetric deg	Asymmetric	83 %	0.500	-
VERO29	Asymmetric deg	Asymmetric	89 %	0.510	-
VERO29	Asymmetric deg	Asymmetric	84 %	0.480	-
V22 Gen7	sim: Asymmetric	Asymmetric	sim: 90 %	sim: 1.064	Bender Wirth: 431 Typ L3
VERO18	Asymmetric deg	Asymmetric	91 %	0.550	-
VERO13	Asymmetric deg	Asymmetric	92 %	0.550	-
V10 Gen7	sim: Asymmetric	Asymmetric	sim: 85 %	sim: 0.670	Bender Wirth: 434 Typ L1
V13 Gen7	sim: Asymmetric	Asymmetric	sim: 91 %	sim: 1.300	Bender Wirth: 477 Typ L1
V13 Gen7	sim: Asymmetric	Asymmetric	sim: 84 %	sim: 0.650	IDEAL: 50-2103CT + 50-2100LN
CLL03x/CLU03x	Asymmetric deg	Asymmetric	81 %	1.160	-
CLU710/711	Asymmetric deg	Asymmetric	91 %	0.560	-
CLL04x/CLU04x	Asymmetric deg	Asymmetric	82 %	0.950	-
CLU730/731	Asymmetric deg	Asymmetric	84 %	0.540	-
CLL03x/CLU03x	Asymmetric deg	Asymmetric	80 %	0.500	-
CLU710/711	Asymmetric deg	Asymmetric	86 %	0.500	-
CLL04x/CLU04x	Asymmetric deg	Asymmetric	74 %	0.500	-
CL-L340	Asymmetric deg	Asymmetric	82 %	0.500	-
CL-L340	Asymmetric deg	Asymmetric	84 %	1.170	-
CLL04x/CLU04x	Asymmetric deg	Asymmetric	90 %	0.530	Bender Wirth: 431 Typ L3

OPTICAL PROPERTIES

LED	Viewing Angle	Light Beam	Efficiency	cd/lm	Connector
CLL04x/CLU04x	Asymmetric deg	Asymmetric	85 %	0.500	Bender Wirth: 431 Typ L3
CLL03x/CLU03x	Asymmetric deg	Asymmetric	91 %	0.570	Bender Wirth: 433 Typ L1
CLU720/721	Asymmetric deg	Asymmetric	91 %	0.570	Bender Wirth: 433 Typ L1
CLL04x/CLU04x	Asymmetric deg	Asymmetric	84 %	0.500	IDEAL: 50-2204CT + 50-2100LN
CXA/B 30xx	sim: Asymmetric	Asymmetric	sim: 82 %	sim: 0.680	IDEAL: 50-2234C + 50-2100LN
CXA/B 15xx	Asymmetric deg	Asymmetric	88 %	0.580	-
CXA/B 15xx	Asymmetric deg	Asymmetric	84 %	0.520	-
CXA/B 25xx	Asymmetric deg	Asymmetric	82 %	0.600	-
CXA/B 25xx	Asymmetric deg	Asymmetric	73 %	0.900	-
CXA/B 25xx	Asymmetric deg	Asymmetric	78 %	0.500	-
CXA2011	Asymmetric deg	Asymmetric	83 %	0.500	-
CXA2011	Asymmetric deg	Asymmetric	80 %	0.500	-
CXA/B 1816 & CXA/B 1820 & CXA 1850	Asymmetric deg	Asymmetric	90 %	0.570	Bender Wirth: 437 Typ L1
CXA/B 15xx	Asymmetric deg	Asymmetric	91 %	0.570	Bender Wirth: 441 Typ L1
CXA/B 1816 & CXA/B 1820 & CXA 1850	Asymmetric deg	Asymmetric	91 %	0.590	-
CXA/B 30xx	NULL deg	Asymmetric	sim: 78 %	0.630	IDEAL: 50-2234C + 50-2100LN
LUXEON CoB 1216/1812	75 deg	Asymmetric	85 %	0.510	A.A.G. STUCCHI: 8102/G2 + S-8000/12
LUXEON K12	NULL deg	Asymmetric	-	-	-
LUXEON K16	NULL deg	Asymmetric	-	-	-
LUXEON K12	NULL deg	Asymmetric	-	-	-
LUXEON K16	NULL deg	Asymmetric	-	-	-
LUXEON CoB 1216/1812	Asymmetric deg	Asymmetric	92 %	0.570	LEDiL: LEDiL
LUXEON CoB 1216/1812	Asymmetric deg	Asymmetric	87 %	0.530	LEDiL: LEDiL
LUXEON CoB 1204/1205	NULL deg	Asymmetric	sim: 83 %	sim: 0.600	-
LUXEON CoB 1208	NULL deg	Asymmetric	sim: 82 %	sim: 0.600	-
LUXEON CoB 1204/1205	NULL deg	Asymmetric	sim: 90 %	sim: 0.800	-
LUXEON CoB 1208	NULL deg	Asymmetric	sim: 90 %	sim: 0.800	-
LUXEON CoB 1211	Asymmetric deg	Asymmetric	89 %	0.530	Bender Wirth: 431 Typ L3
LUXEON CoB 1211	Asymmetric deg	Asymmetric	85 %	0.490	Bender Wirth: 431 Typ L3
LUXEON CoB 1202/1203	Asymmetric deg	Asymmetric	91 %	0.600	Bender Wirth: 438 Typ L1
LUXEON CoB 1216/1812	Asymmetric deg	Asymmetric	81 %	0.480	A.A.G. STUCCHI: 8102/G2 + S-8000/12
CXM-14	Asymmetric deg	Asymmetric	88 %	0.550	-
CXM-22	Asymmetric deg	Asymmetric	86 %	0.500	LEDiL: LEDiL
CXM-14	Asymmetric deg	Asymmetric	83 %	0.500	-
CXM-22	Asymmetric deg	Asymmetric	79 %	0.500	LEDiL: LEDiL
CXM-14	NULL deg	Asymmetric	sim: 91 %	sim: 0.570	Bender Wirth: 433 Typ L1
COB L-Type (LES 9)	Asymmetric deg	Asymmetric	91 %	0.560	Bender Wirth: 438 Typ L1
COB J-Type	Asymmetric deg	Asymmetric	91 %	0.600	Bender Wirth: 463 Typ L2
COB L-Type (LES 11)	Asymmetric deg	Asymmetric	91 %	0.570	Bender Wirth: 438 Typ L1
Soleriq P13	Asymmetric deg	Asymmetric	87 %	0.550	IDEAL: 50-2101CR + 50-2100LN
Soleriq S15	sim: Asymmetric	Asymmetric	sim: 86 %	sim: 0.600	-
Soleriq E30	NULL deg	Asymmetric	-	-	-



PRODUCT DATASHEET

Lena series

last update 8/12/2017

Soleriq E30

NULL deg Asymmetric - - -



PRODUCT DATASHEET

Lena series

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Soleriq S19

Asymmetric degAsymmetric 89 %

0.500

Bender Wirth: 462 Typ L3



PRODUCT DATASHEET

Lena series

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Soleriq S19

Asymmetric degAsymmetric 85 %

0.500

Bender Wirth: 462 Typ L3



PRODUCT DATASHEET

Lena series

last update 8/12/2017

Soleriq P13

Asymmetric degAsymmetric 91 % 0.560 Bender Wirth: 437 Typ L1



PRODUCT DATASHEET

Lena series

last update 8/12/2017

Soleriq P9

Asymmetric degAsymmetric 91 % 0.540 Bender Wirth: 461 Typ L1



PRODUCT DATASHEET

Lena series

last update 8/12/2017

Soleriq S13

Asymmetric degAsymmetric 90 %

0.570

Bender Wirth: 437 Typ L1



PRODUCT DATASHEET

Lena series

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Soleriq P13

Asymmetric degAsymmetric 82 % 0.490 IDEAL: 50-2101CR + 50-2100LN



PRODUCT DATASHEET

Lena series

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COB D Series LES 14.5 mm

Asymmetric degAsymmetric 91 % 0.570 -



PRODUCT DATASHEET

Lena series

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COB D Series LES 22 mm

Asymmetric degAsymmetric 91 % 0.560 -



PRODUCT DATASHEET

Lena series

last update 8/12/2017

COB D Series LES 14.5 mm

Asymmetric degAsymmetric 87 % 0.520 -



PRODUCT DATASHEET

Lena series

last update 8/12/2017

COB D Series LES 22 mm

Asymmetric degAsymmetric 86 % 0.510 -



PRODUCT DATASHEET

Lena series

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ZC12/18

NULL deg Asymmetric sim: 91 % sim: 0.570 Bender Wirth: 433 Typ L1



PRODUCT DATASHEET

Lena series

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Mega Zenigata (GW5DGC)

NULL deg Asymmetric - - -



PRODUCT DATASHEET

Lena series

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Mega Zenigata (GW6DME) Asymmetric degAsymmetric 83 % 0.490 -



PRODUCT DATASHEET

Lena series

last update 8/12/2017

Mega Zenigata (GW5DGC)

NULL deg

Asymmetric -

-

-



PRODUCT DATASHEET

Lena series

last update 8/12/2017

Mega Zenigata (GW6DME) Asymmetric degAsymmetric 87 % 0.540 -



PRODUCT DATASHEET

Lena series

last update 8/12/2017

SLE G5 LES15

Asymmetric degAsymmetric 91 %

0.570

LEDiL: LEDiL



PRODUCT DATASHEET

Lena series

last update 8/12/2017

SLE G5 LES15

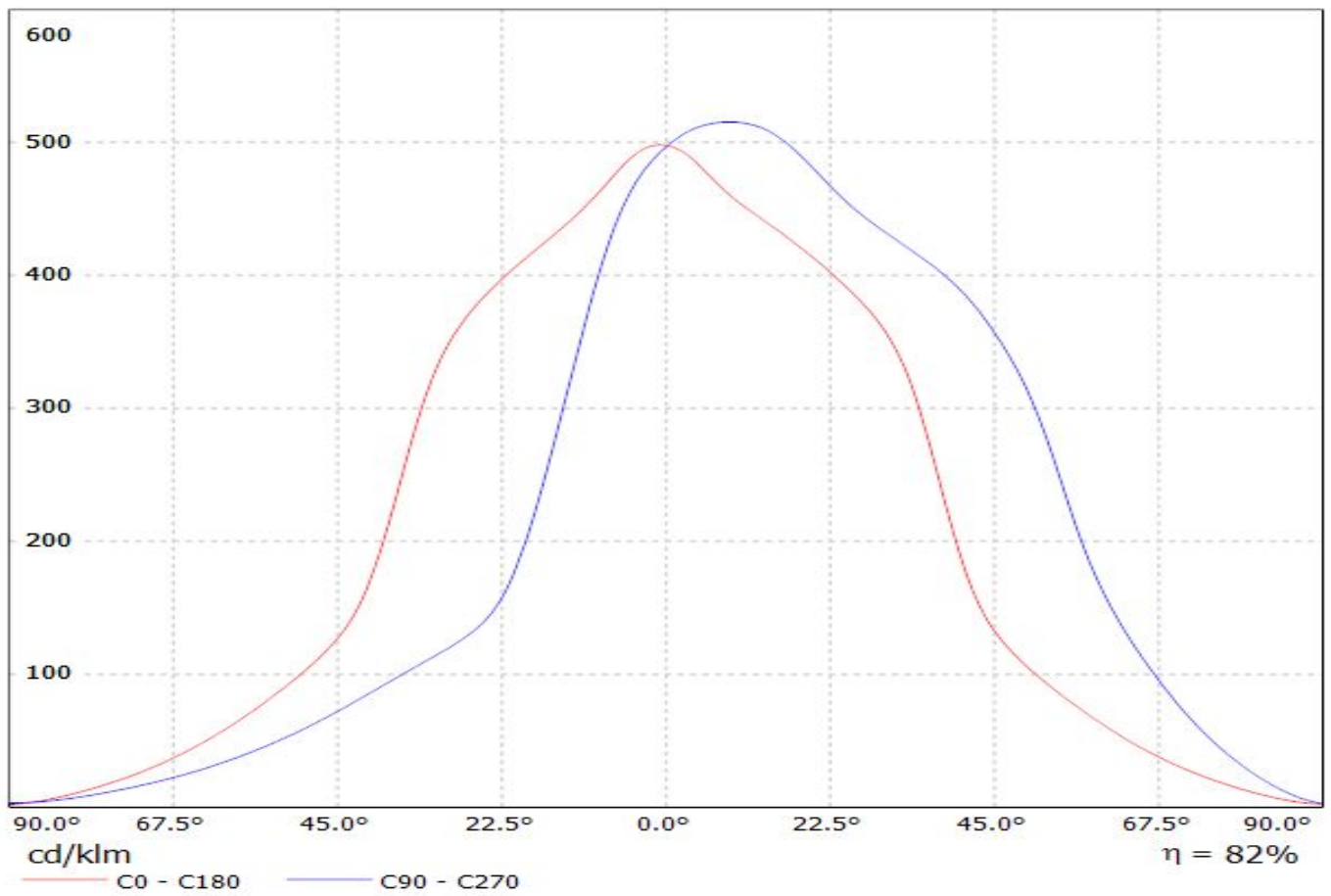
Asymmetric degAsymmetric 86 %

0.530

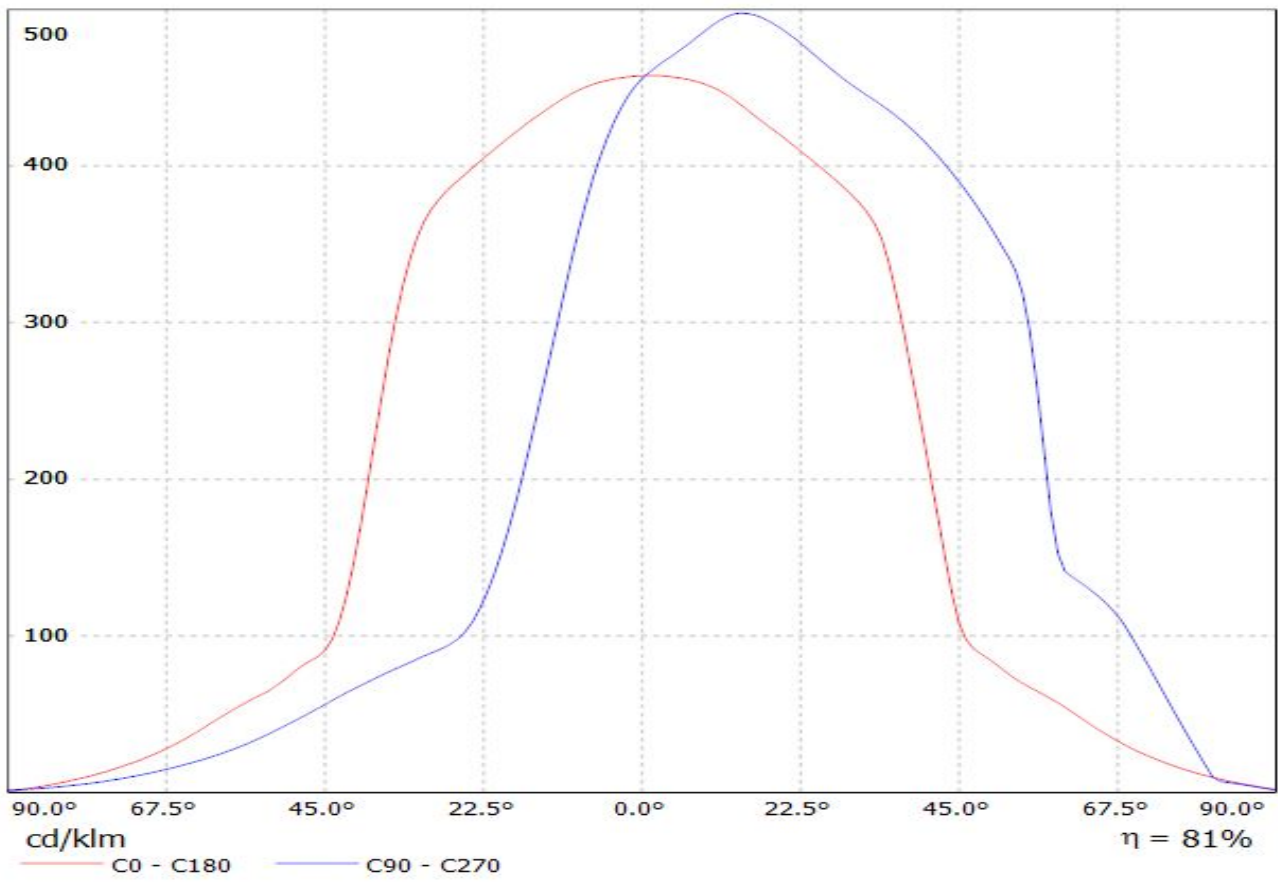
LEDiL: LEDiL

Luminaire: LEDiL Oy CN13249_LENA-X-WAS-DL_(V10)

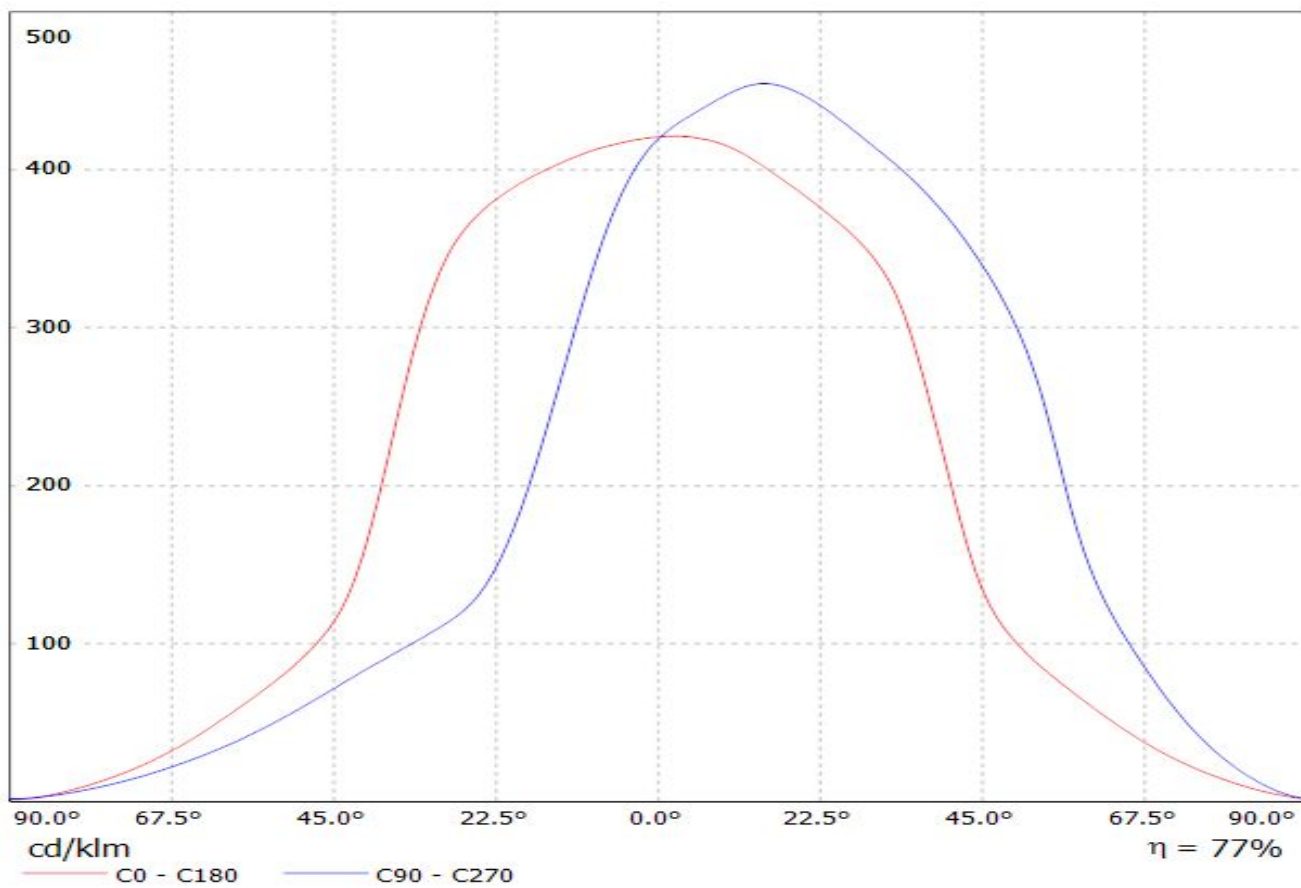
Lamps: 1 x Bridgelux_V10_(BXRE-30E1000B-X2)_762.838lm@250mA_P=6.3117W_I=249.8mA



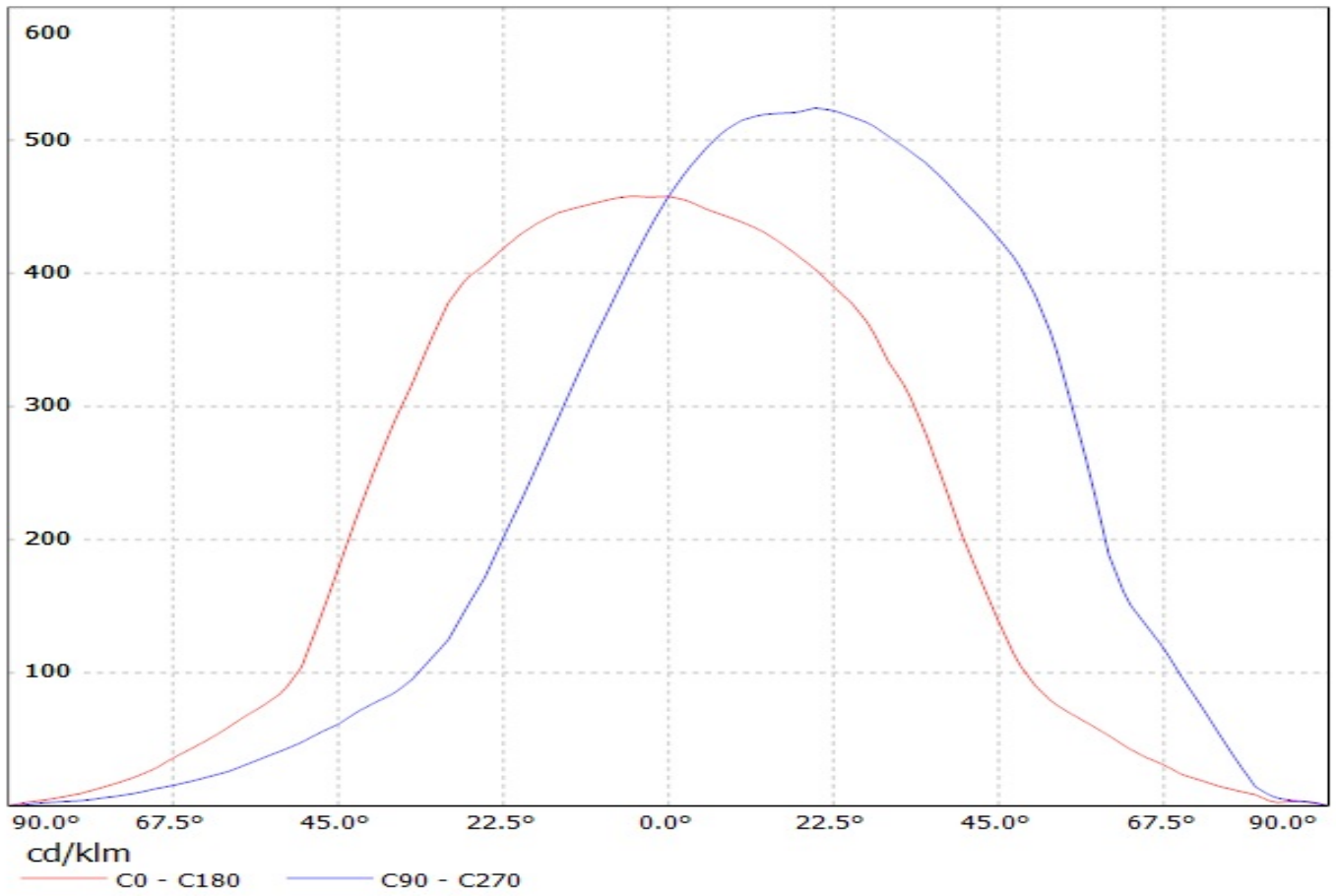
Luminaire: LEDiL Oy CN13368_LENA-X-WAS_(BXRA_ES) Eff.80.5%
Lamps: 1 x BXRA-W1203 (297.805lm@250mA)



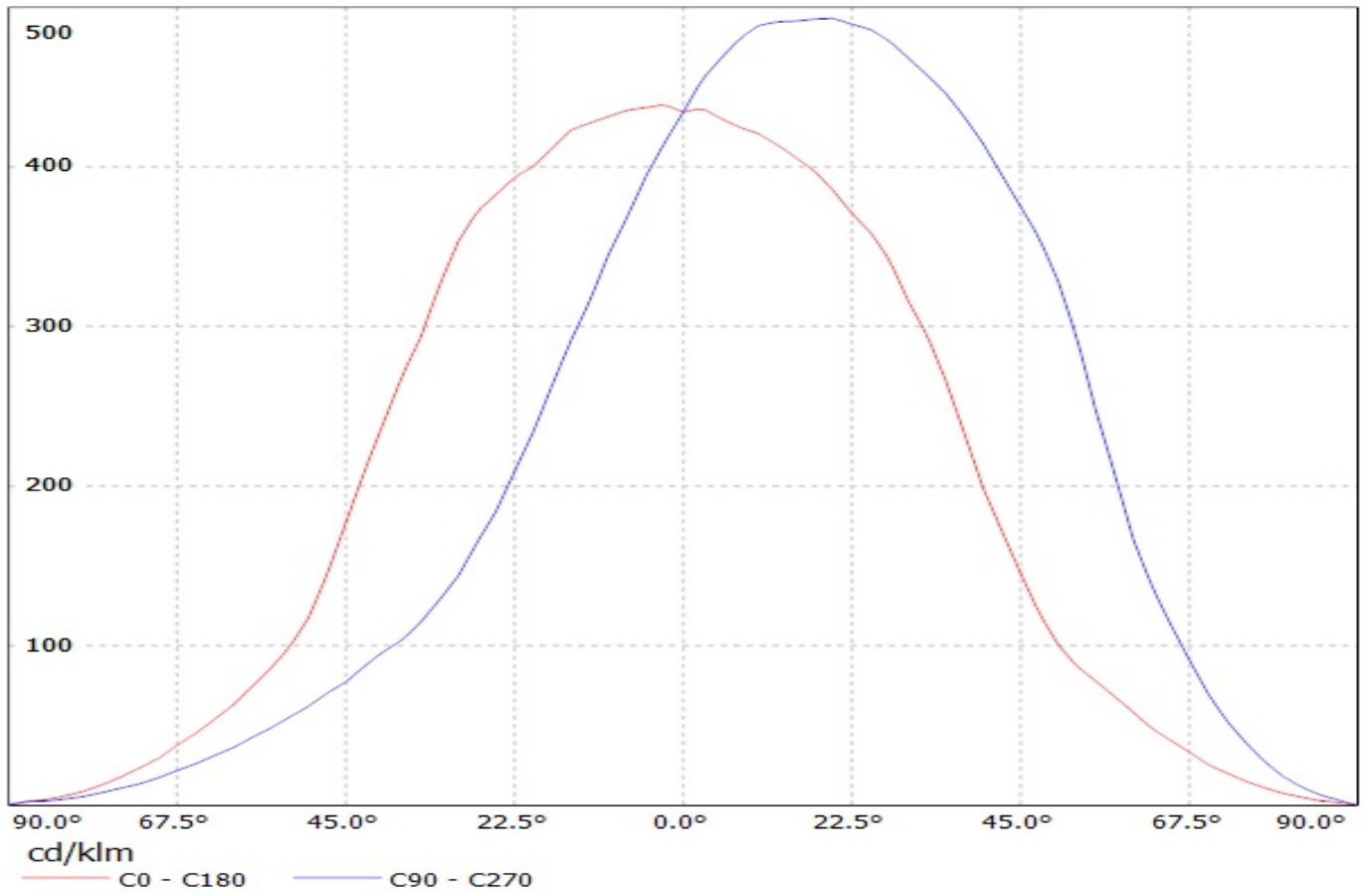
Luminaire: LEDiL Oy CN13375_LENA-X-WAS-DL_(BXRA_ES) Eff.76.6%
Lamps: 1 x BXRA-W1203 (297.805lm@250mA)



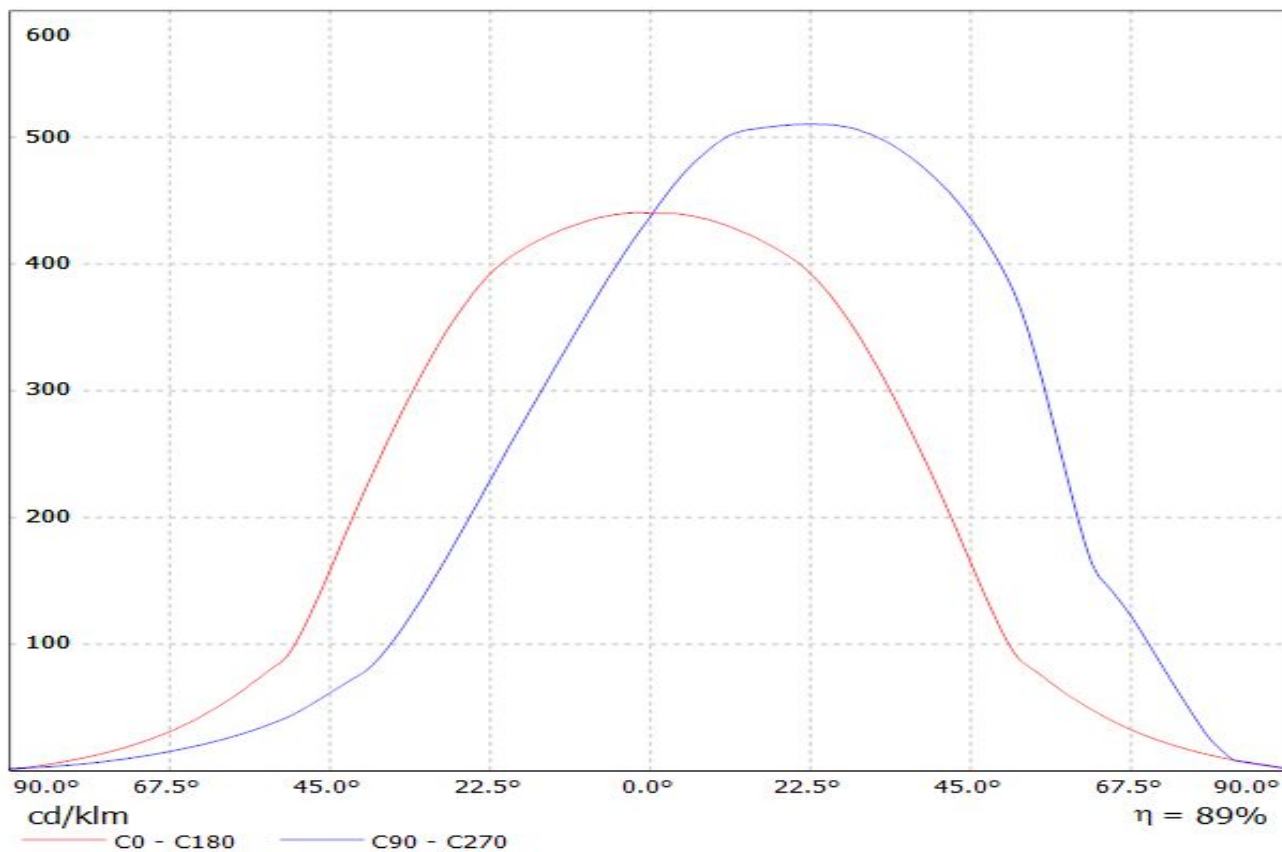
Luminaire: Ledil Oy CN13448_LENA-X-WAS (Bridgelux RS 591lm @ 250mA) Efficiency=87%
Lamps: 1 x Bridgelux RS 591lm @ 250mA



Luminaire: Ledil Oy CN13449_LENA-X-WAS-DL (Bridgelux RS 591lm @ 250mA) Efficiency=83%
Lamps: 1 x Bridgelux RS 591lm @ 250mA

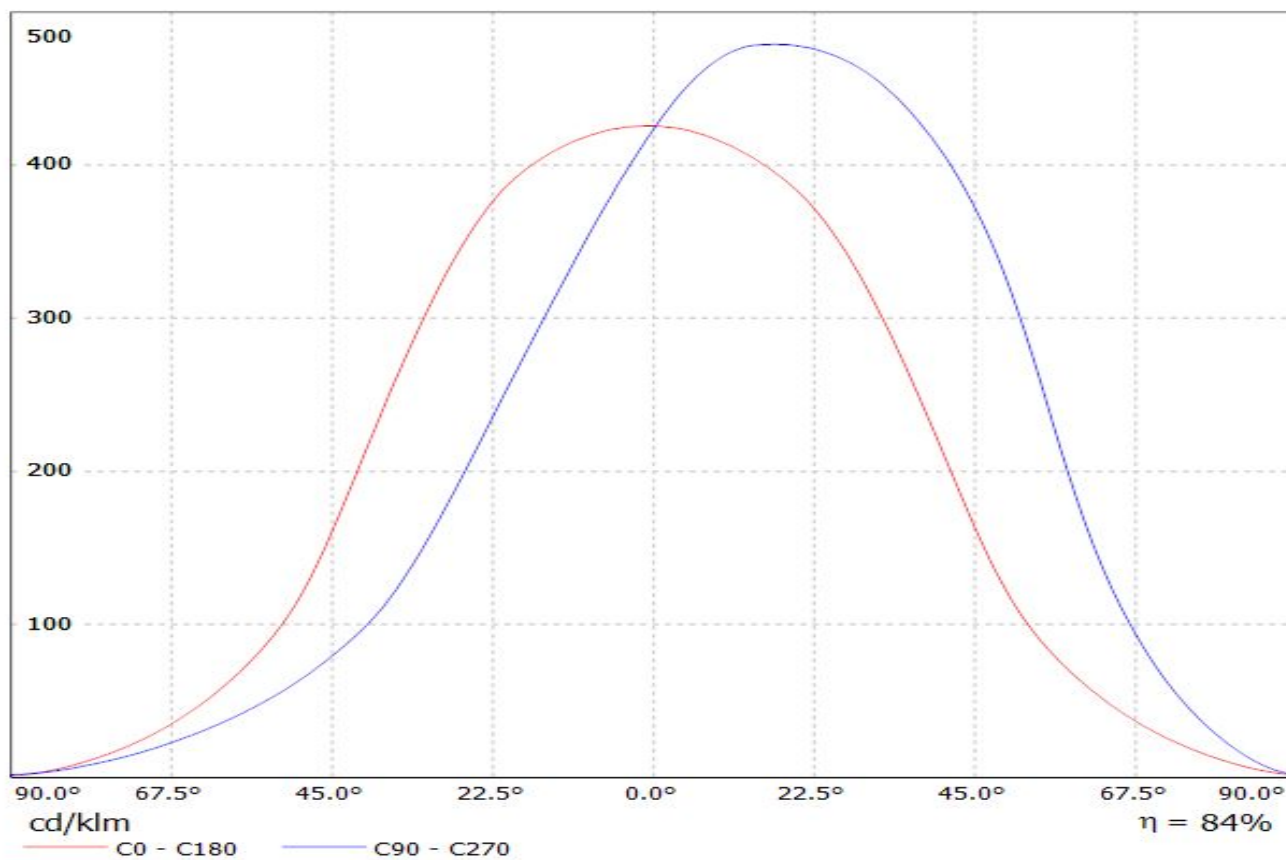


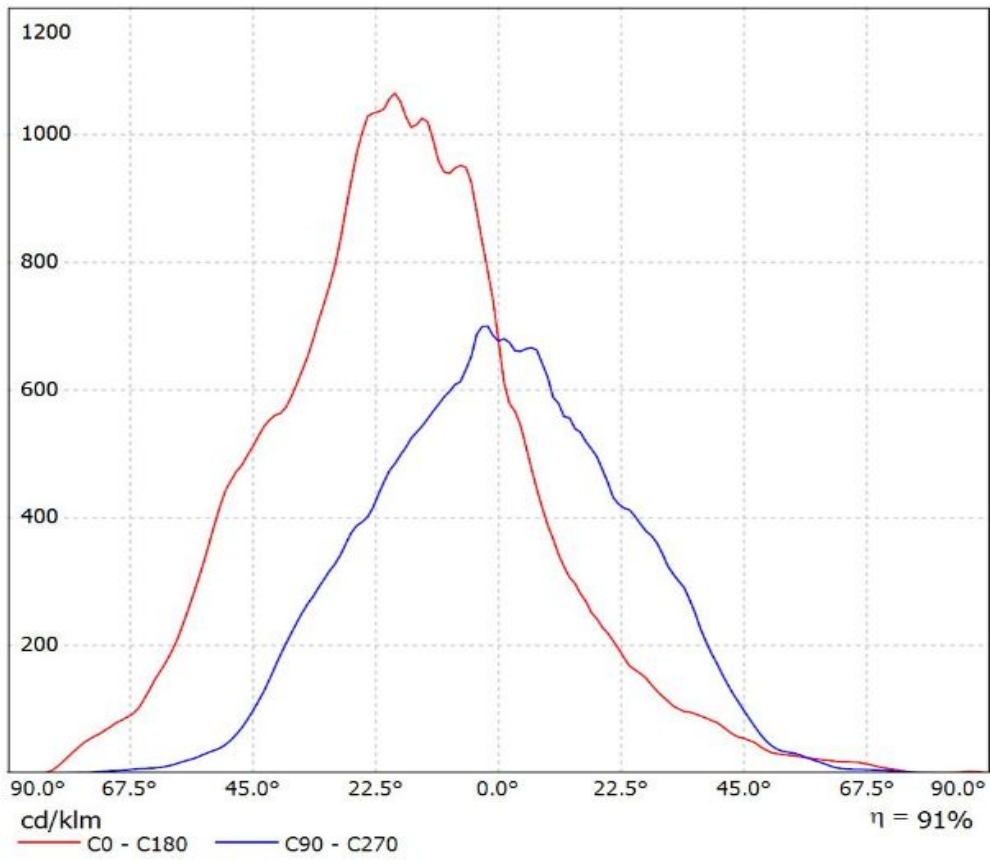
Luminaire: LEDiL Oy CN14079_LENA-X-WAS_(VERO29) Eff. 89%
Lamps: 1 x BRIDGELUX_VERO29_(BXRC-50C10K0-L-04)_569.136lm@250mA_P=3.4022W_I=100.1mA



Luminaire: LEDiL Oy CN14080_LENA-X-WAS-DL_(VERO29)

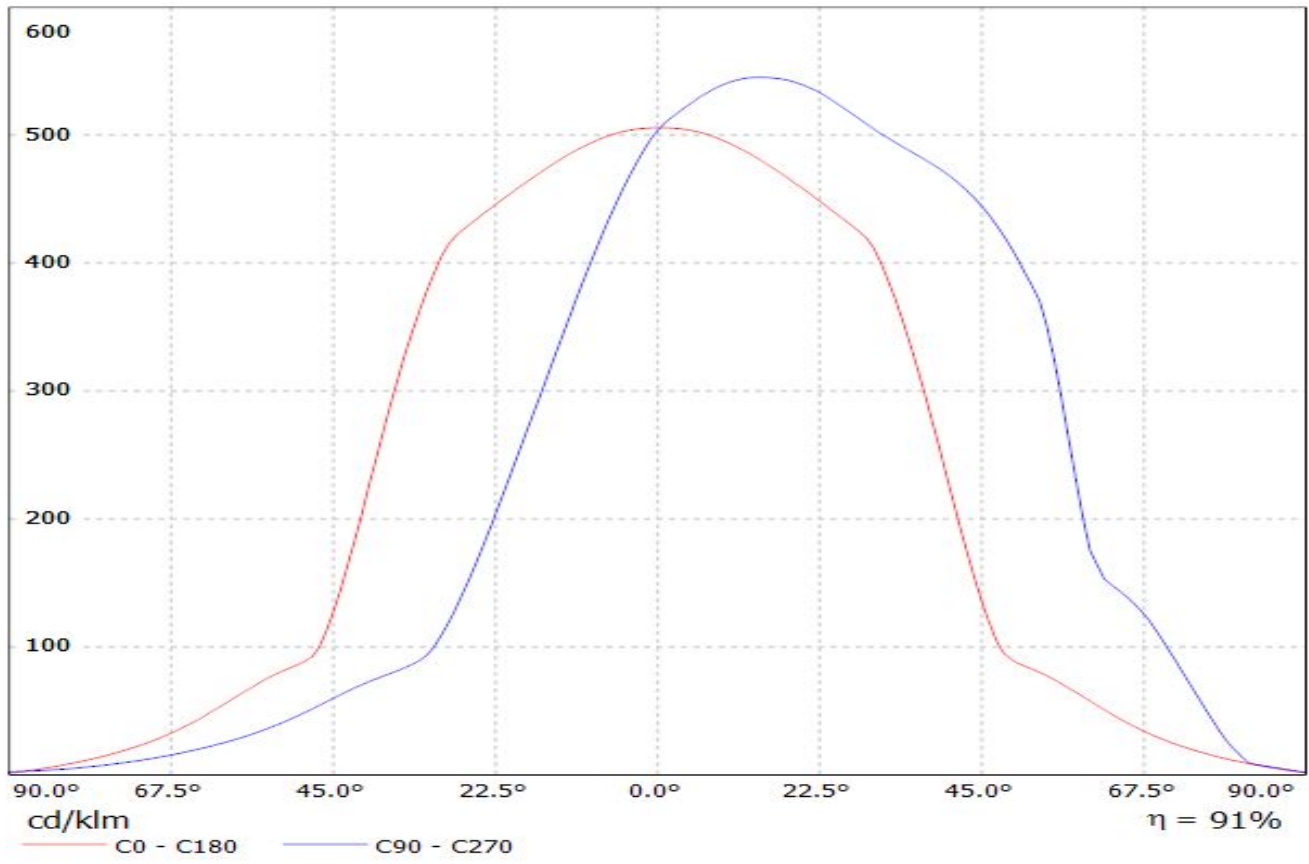
Lamps: 1 x BRIDGELUX_VERO29_(BXRC-50C10K0-L-04)_569.136lm@250mA_P=3.4022W_I=100.1mA





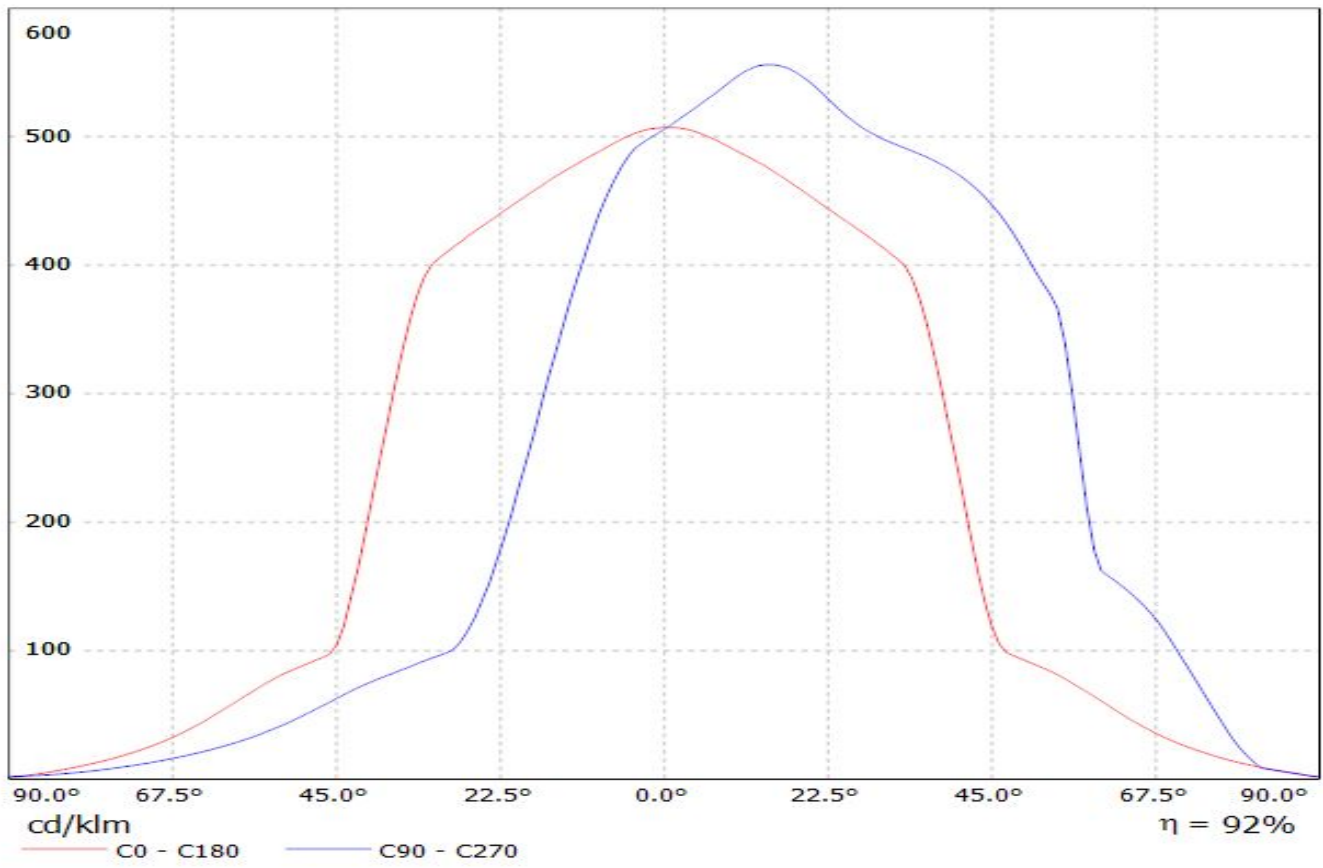
Luminaire: LEDiL Oy CN14085_LENA-X-WAS_(VERO18)

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

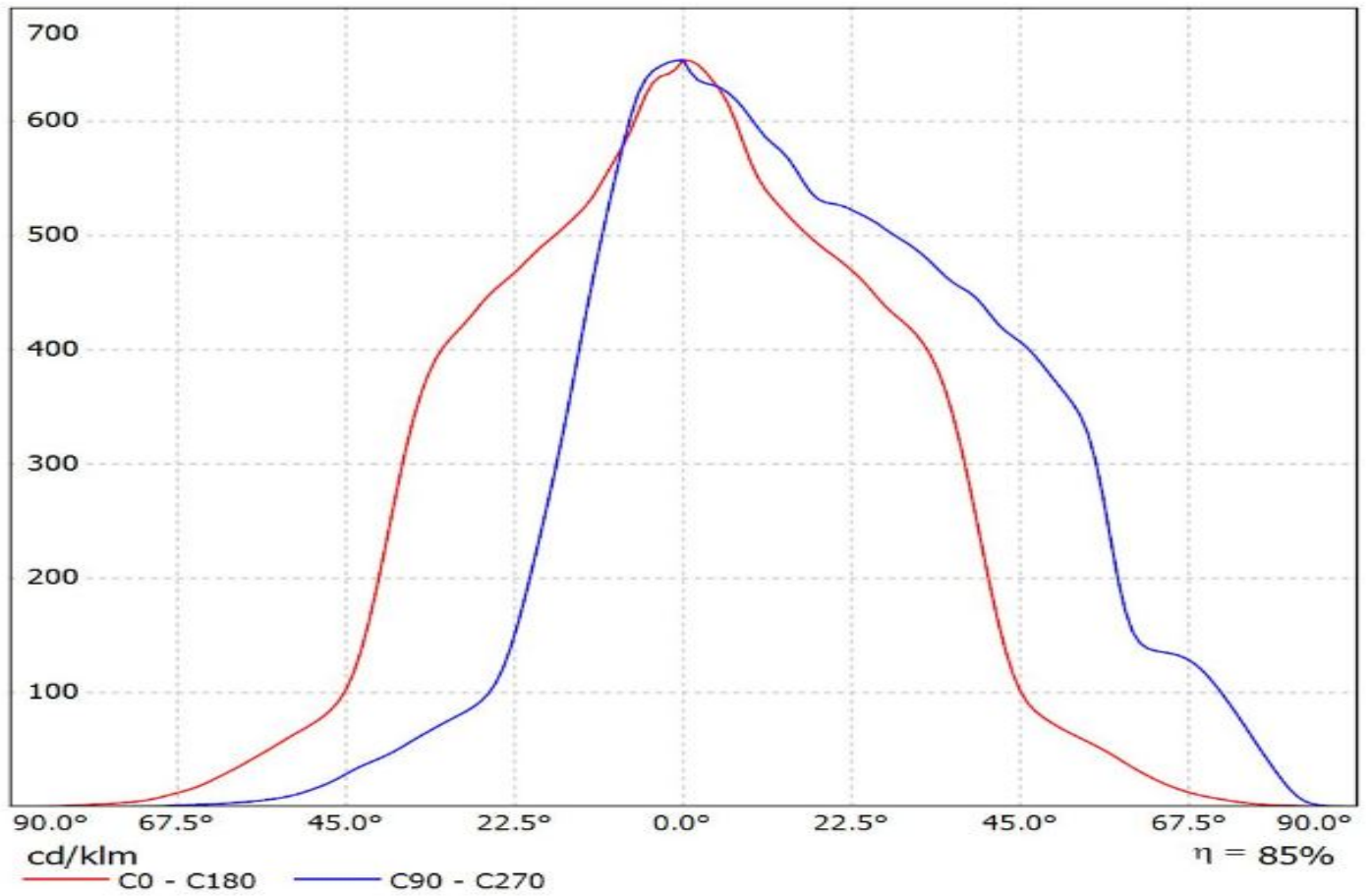


Luminaire: LEDiL Oy CN14085_LENA-X-WAS_(VERO13)

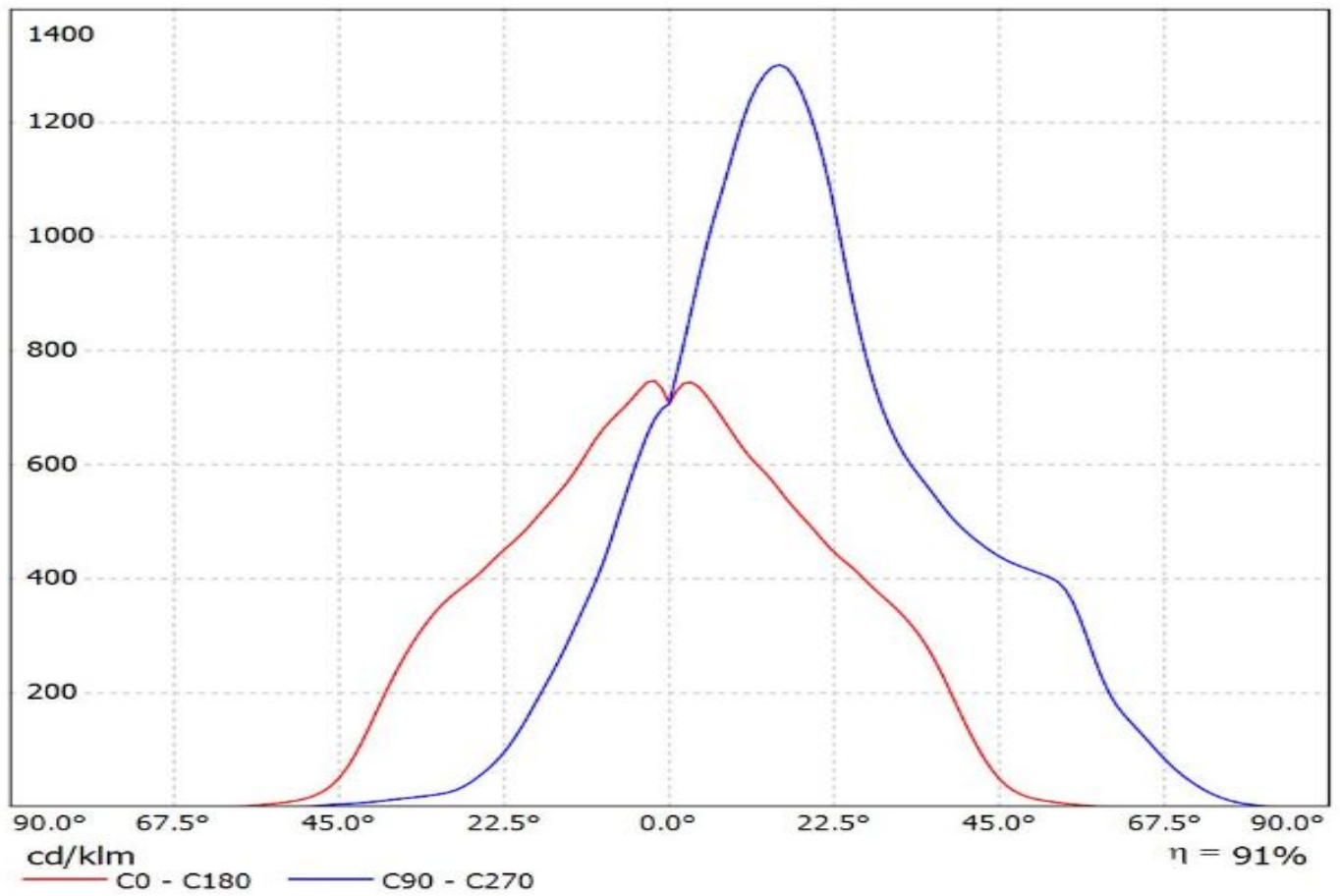
Lamps: 1 x Bridgelux_VERO13_(BXRC-30E2000C)_1000lm@250mA_P=7.6157W_I=249.9mA



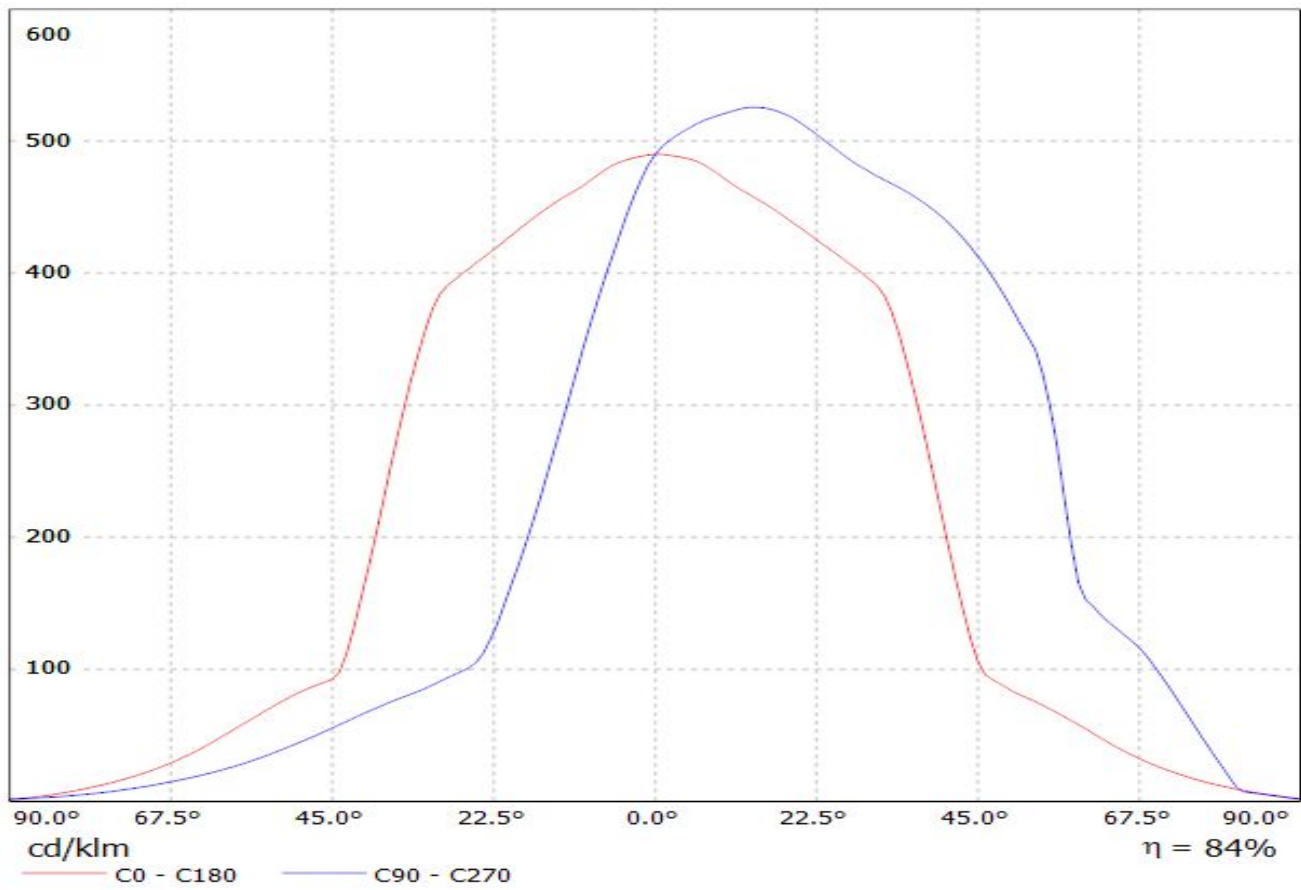
Luminaire: Ledil Oy CN14085_LENA-X-WAS_+_B&W_434_TypL1_BRIDGELUX_V10_Gen7_SIMULATED
Lamps: 1 x BRIDGELUX V10 Gen7



Luminaire: Ledil Oy CN14085_LENA-X-WAS+_B+W_433_TypL1_BRIDGELUX_V13_Gen7_SIMULATED
Lamps: 1 x BRIDGELUX V13 Gen7

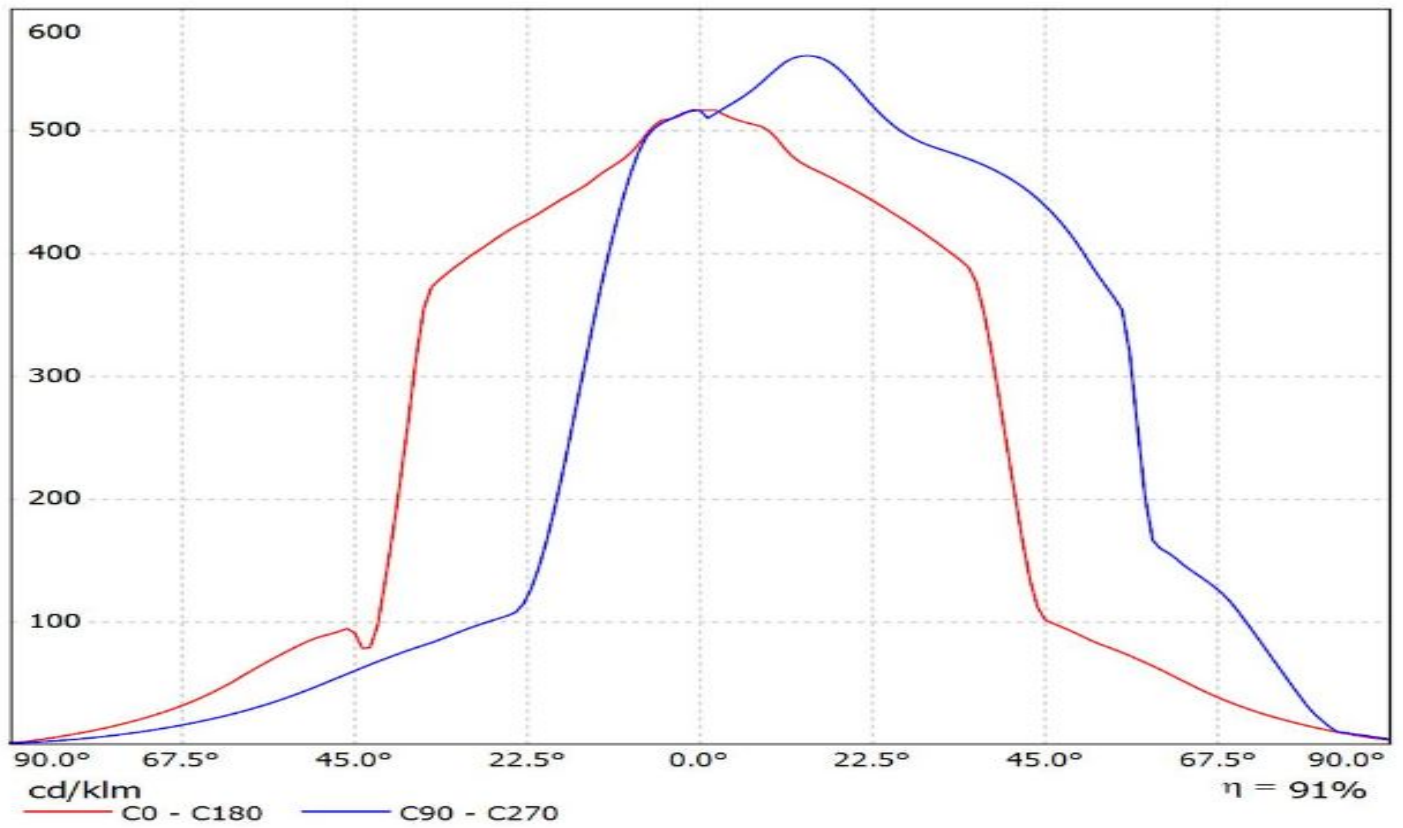


Luminaire: LEDiL Oy CN13369_LENA-X-WAS_(CLL030) Eff.83.6%
Lamps: 4 x CLL030 (231.104lm@250mA)

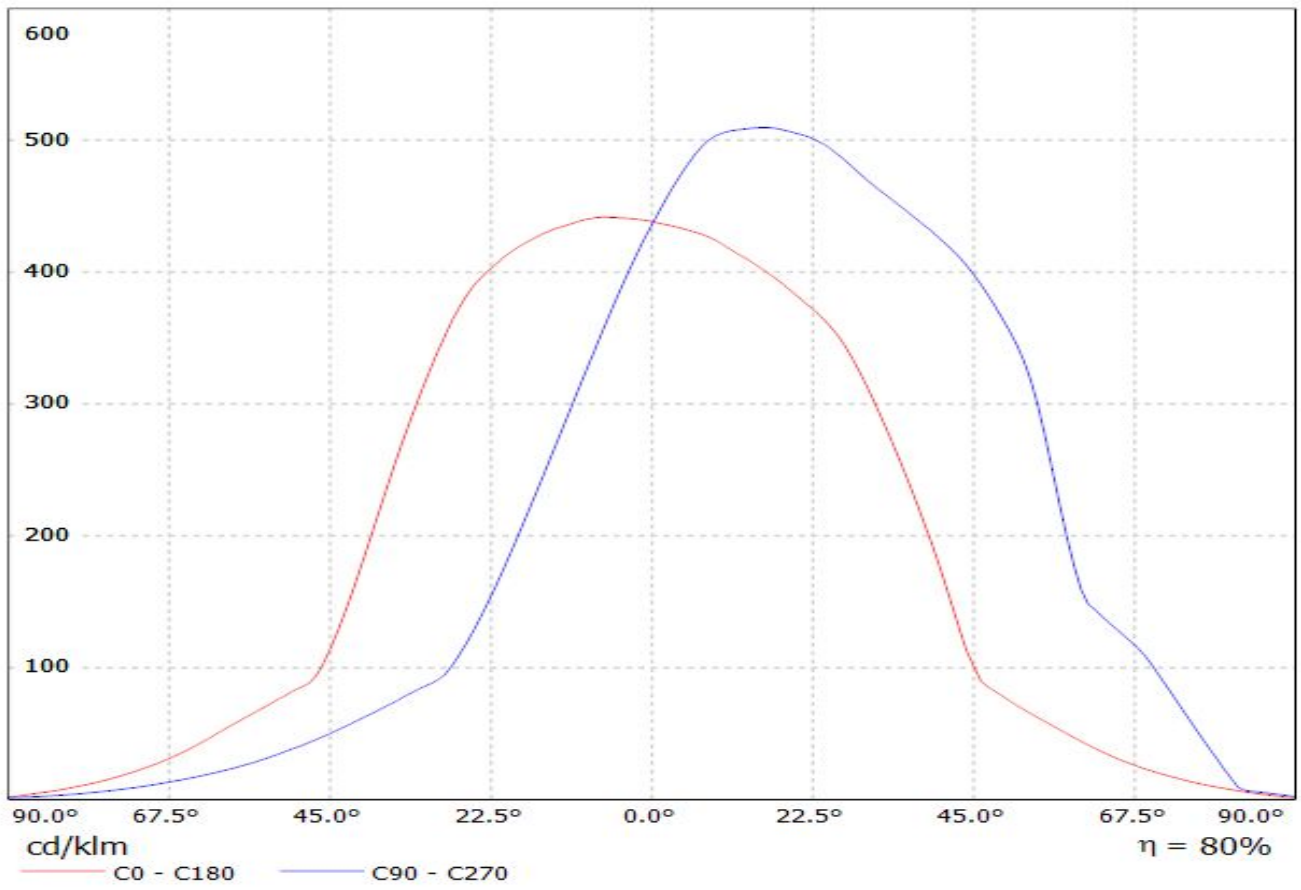


Ledil CN13369_LENA-X-WAS_(CITIZEN_CLU710) / LDC (Linear)

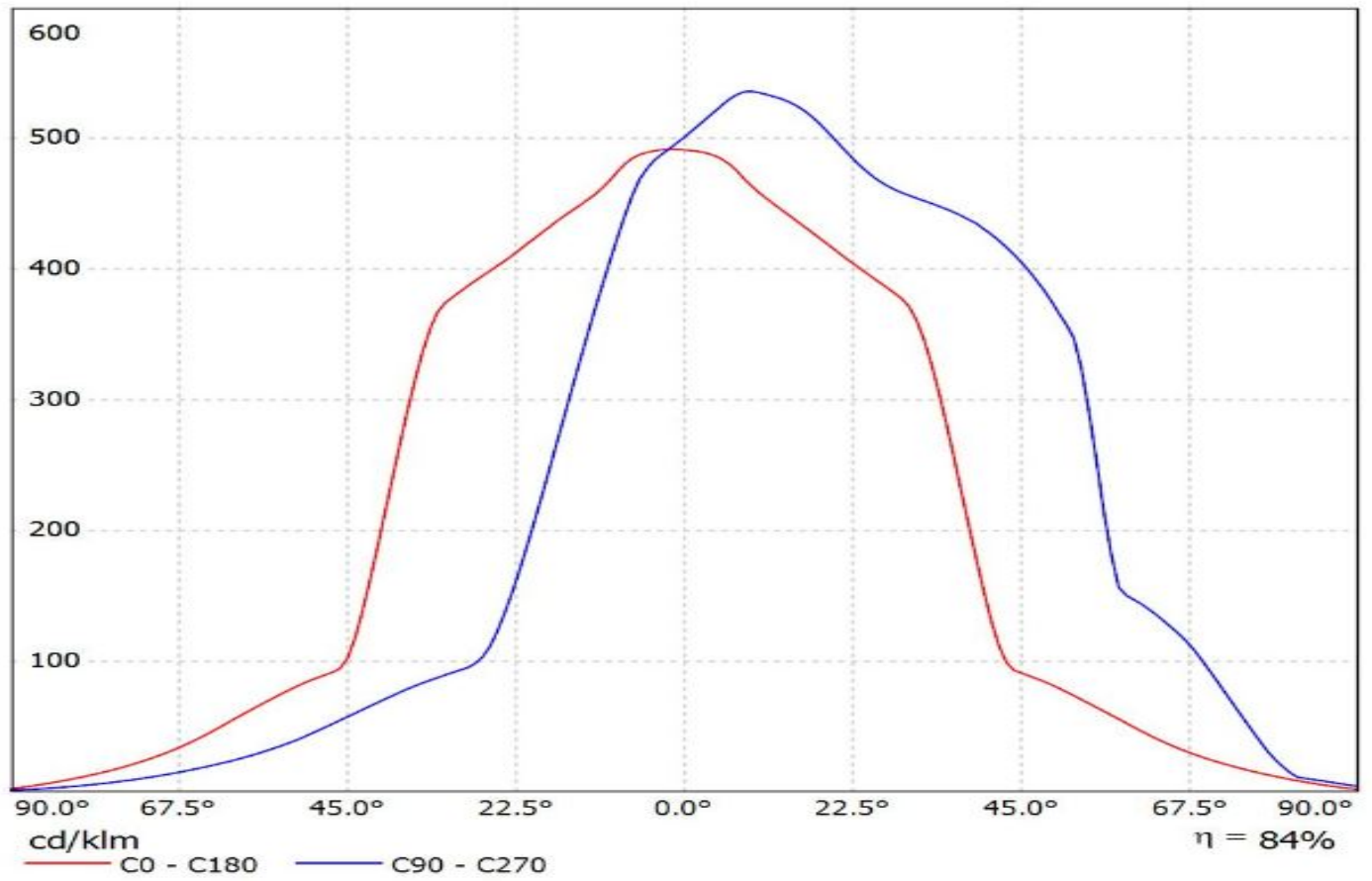
Luminaire: Ledil CN13369_LENA-X-WAS_(CITIZEN_CLU710)
Lamps: 1 x CITIZEN_CLU710_(C12691_LENA-STD-BASE-CLL030)
_1194.84lm@250mA_P=8.35W_I=0.25A



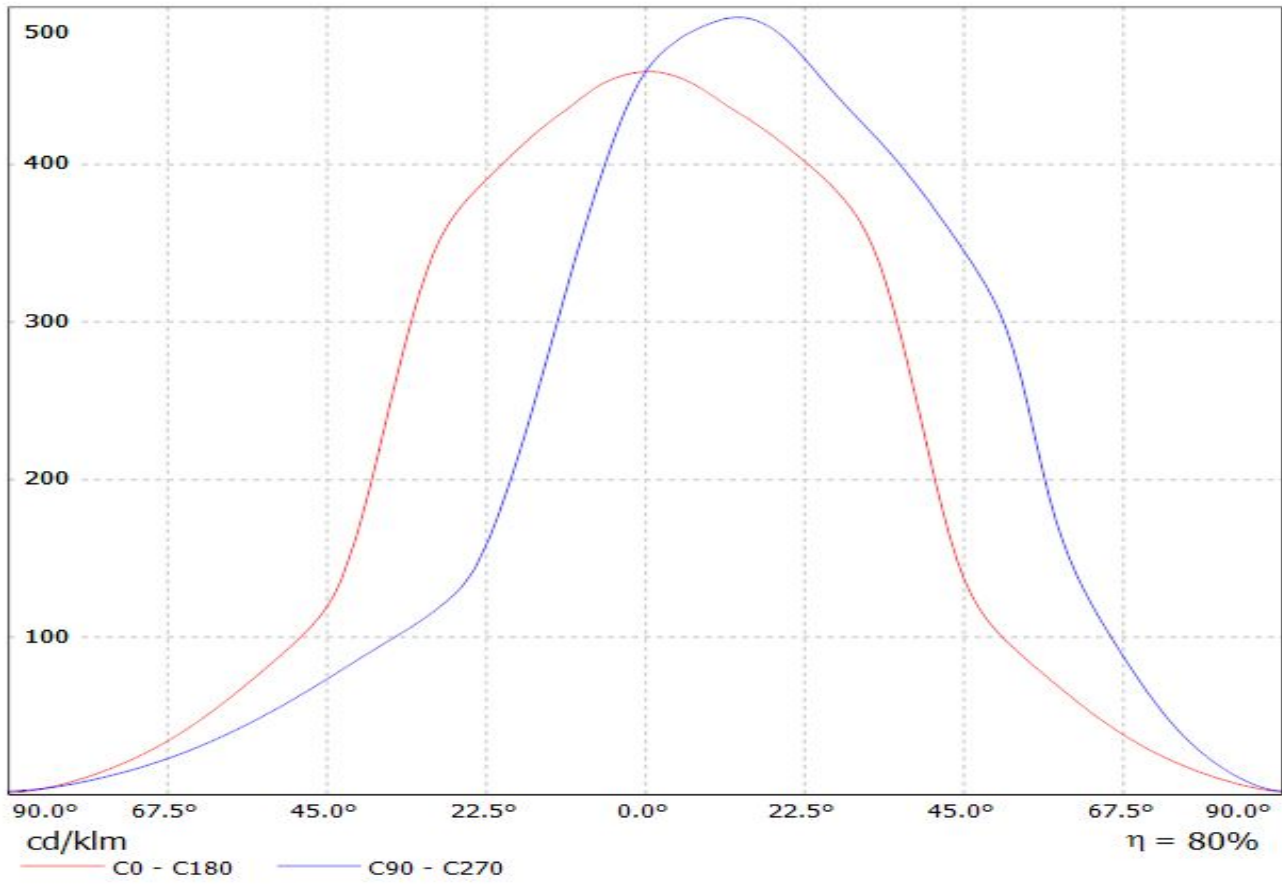
Luminaire: LEDiL Oy C13101_LENA-X-WAS_(CLL040)_2 Eff.79.7%
Lamps: 1 x CLL040 (696.603lm@250mA)



Luminaire: Ledil CN13370_LENA-X-WAS_(CITIZEN_CLU730)
Lamps: 1 x CITIZEN_CLU730_(C12692_LENA-STD-BASE-CLL040)
_783.884lm@250mA_P=8.5W_I=0.25A



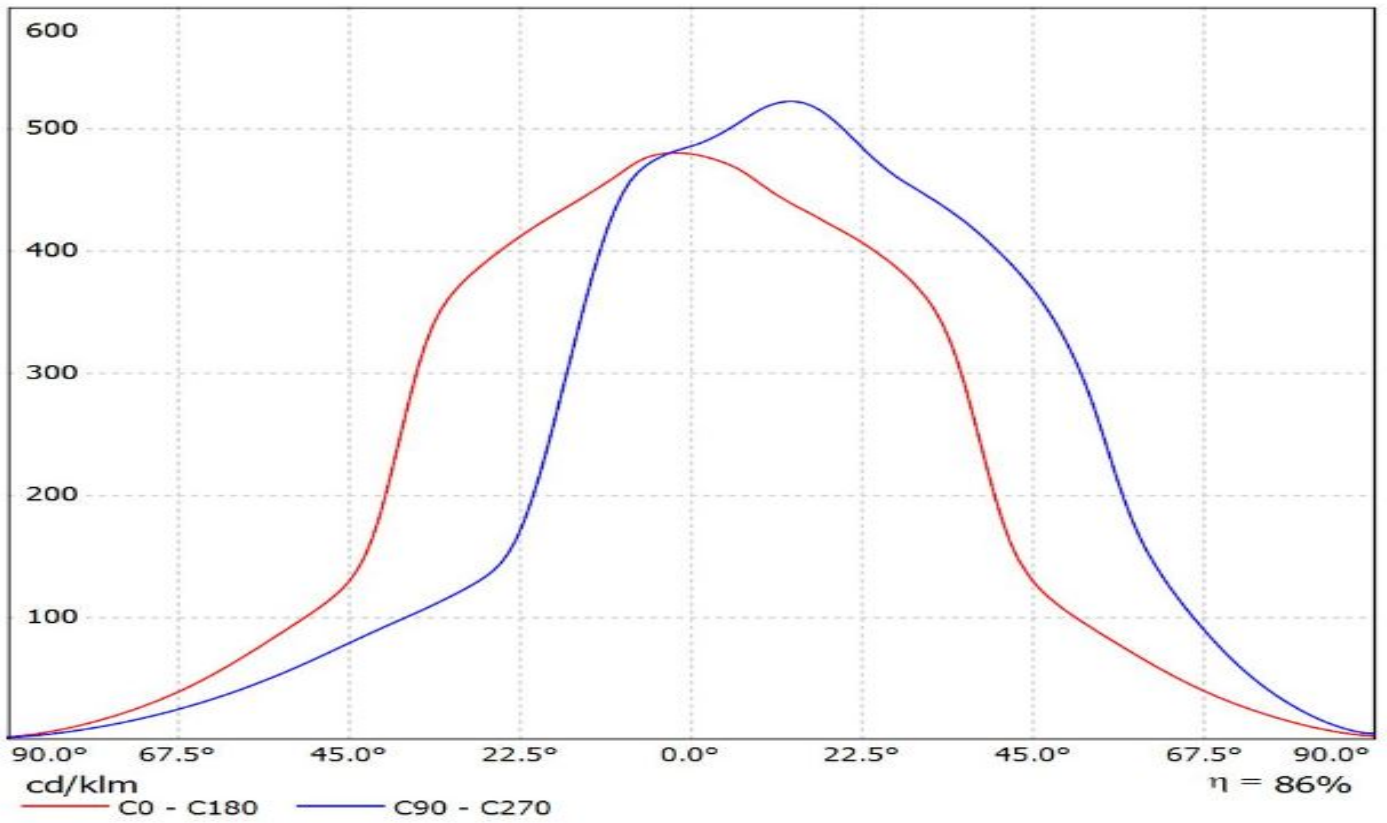
Luminaire: LEDiL Oy CN13371_LENA-X-WAS-DL_(CLL030) Eff.81.6%
Lamps: 4 x CLL030 (231.104lm@250mA)



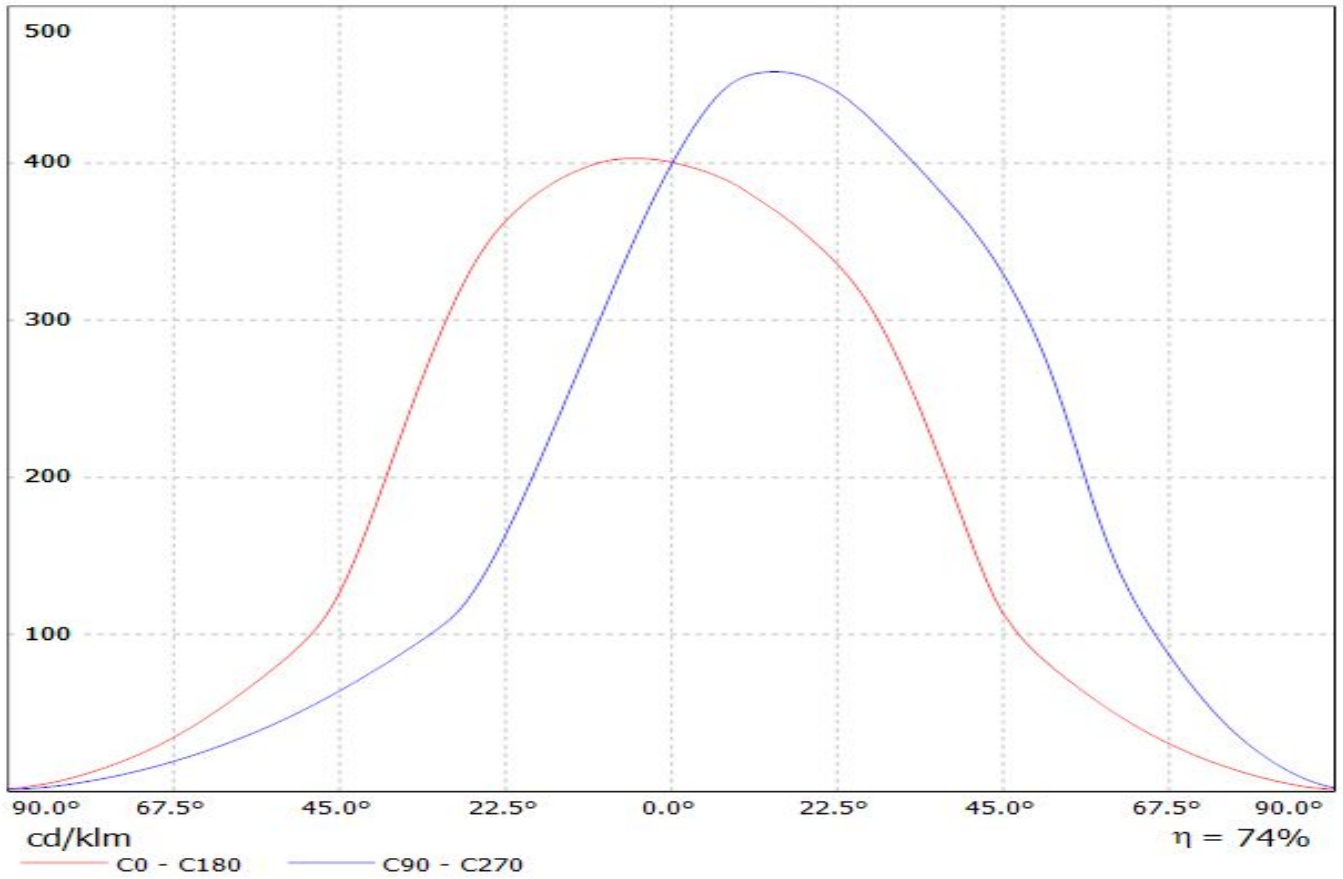
Ledil CN13371_LENA-X-WAS-DL_(CLU710) / LDC (Linear)

Luminaire: Ledil CN13371_LENA-X-WAS-DL_(CLU710)

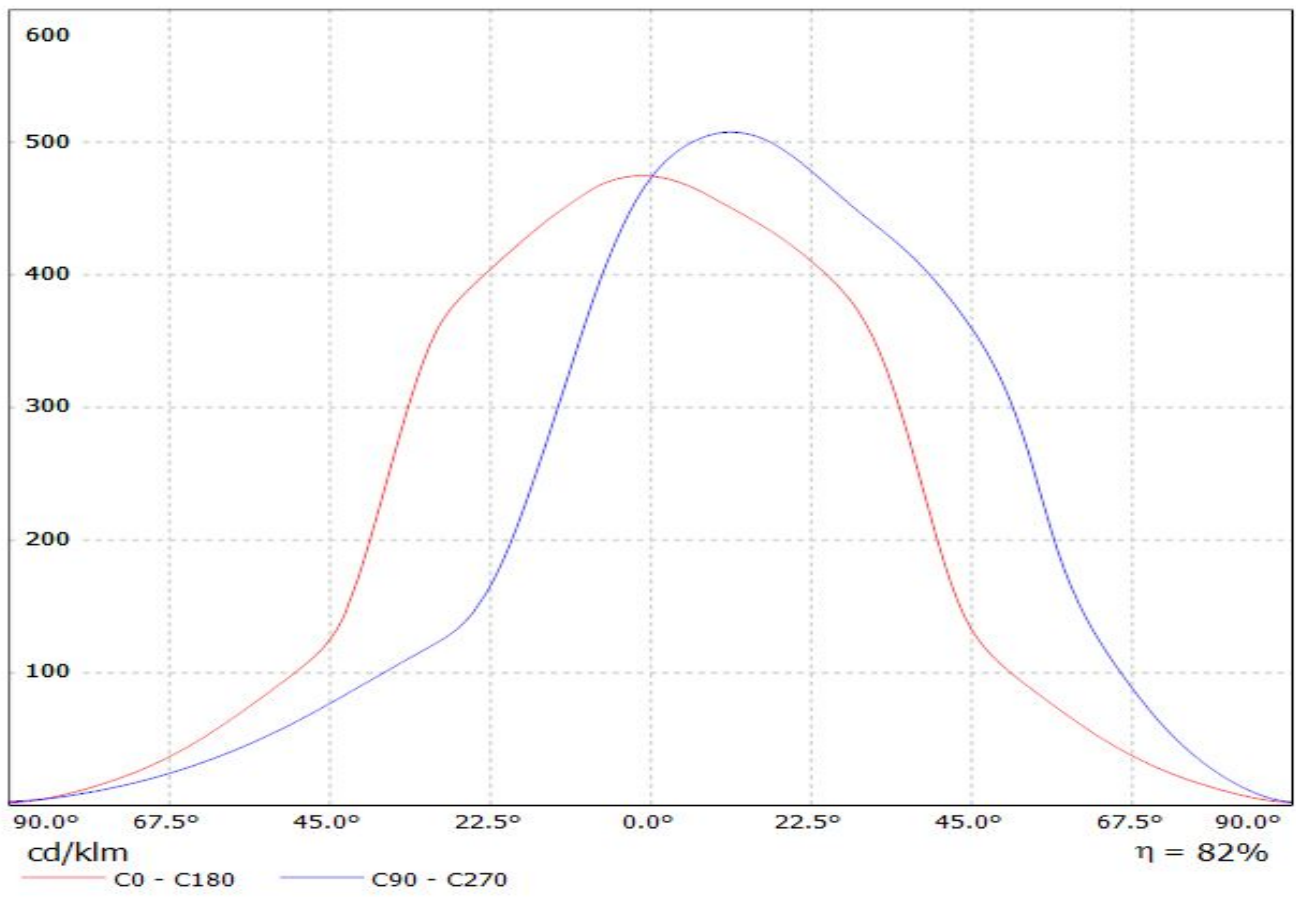
Lamps: 1 x CITIZEN_CLU710_(CLU710-1204B8-273M2G1)+C12691_LENA-STD-BASE-CLL030_1154.75lm@250mA_P=8.5W_I=0.25A



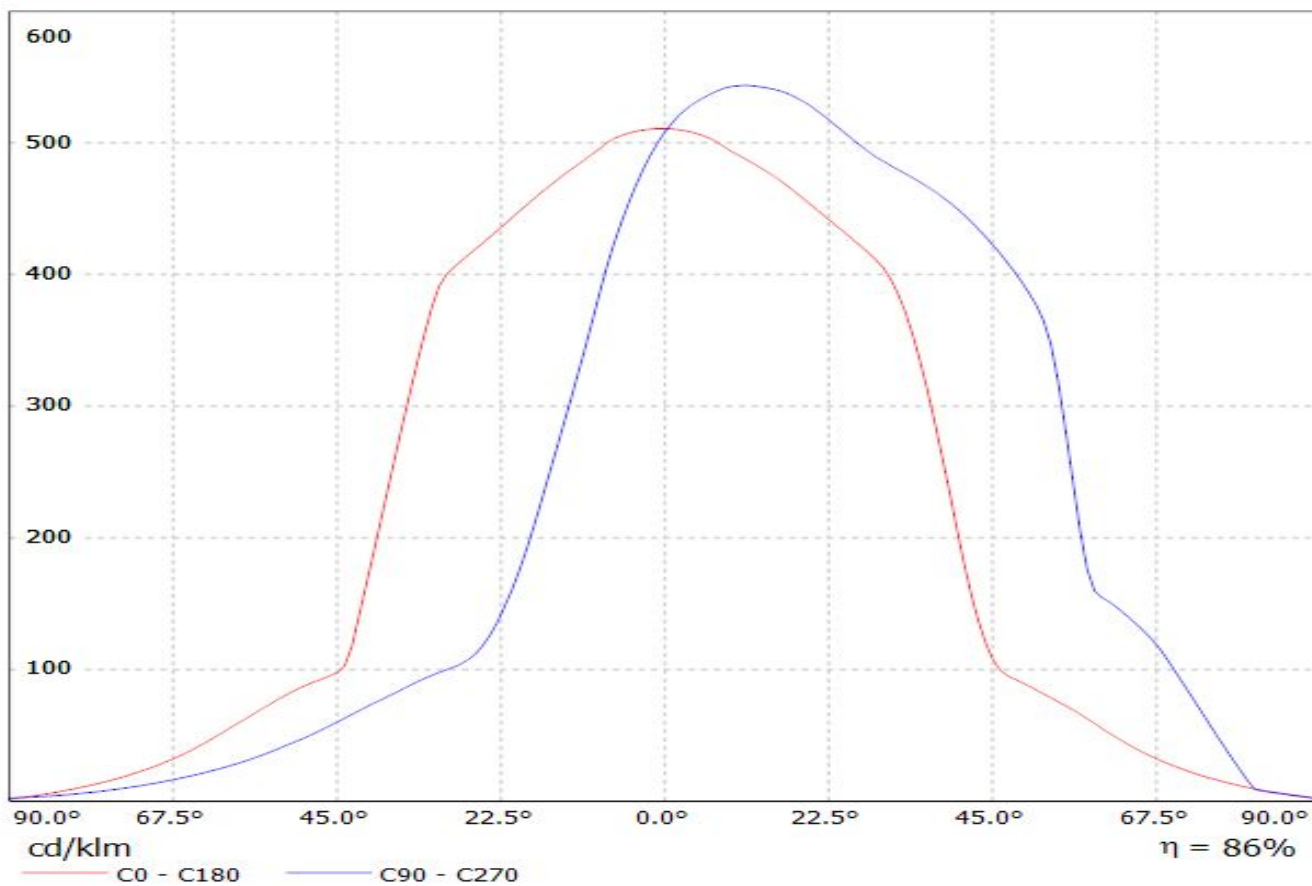
Luminaire: LEDiL Oy CN13372_LENA-X-WAS-DL_(CLL040) Eff.73.7%
Lamps: 1 x CLL040 (696.603lm@250mA)



Luminaire: LEDiL Oy CN13373_LENA-X-WAS-DL_(CL-L340) Eff.82.2%
Lamps: 1 x CL-L340 (929.39lm@250mA)



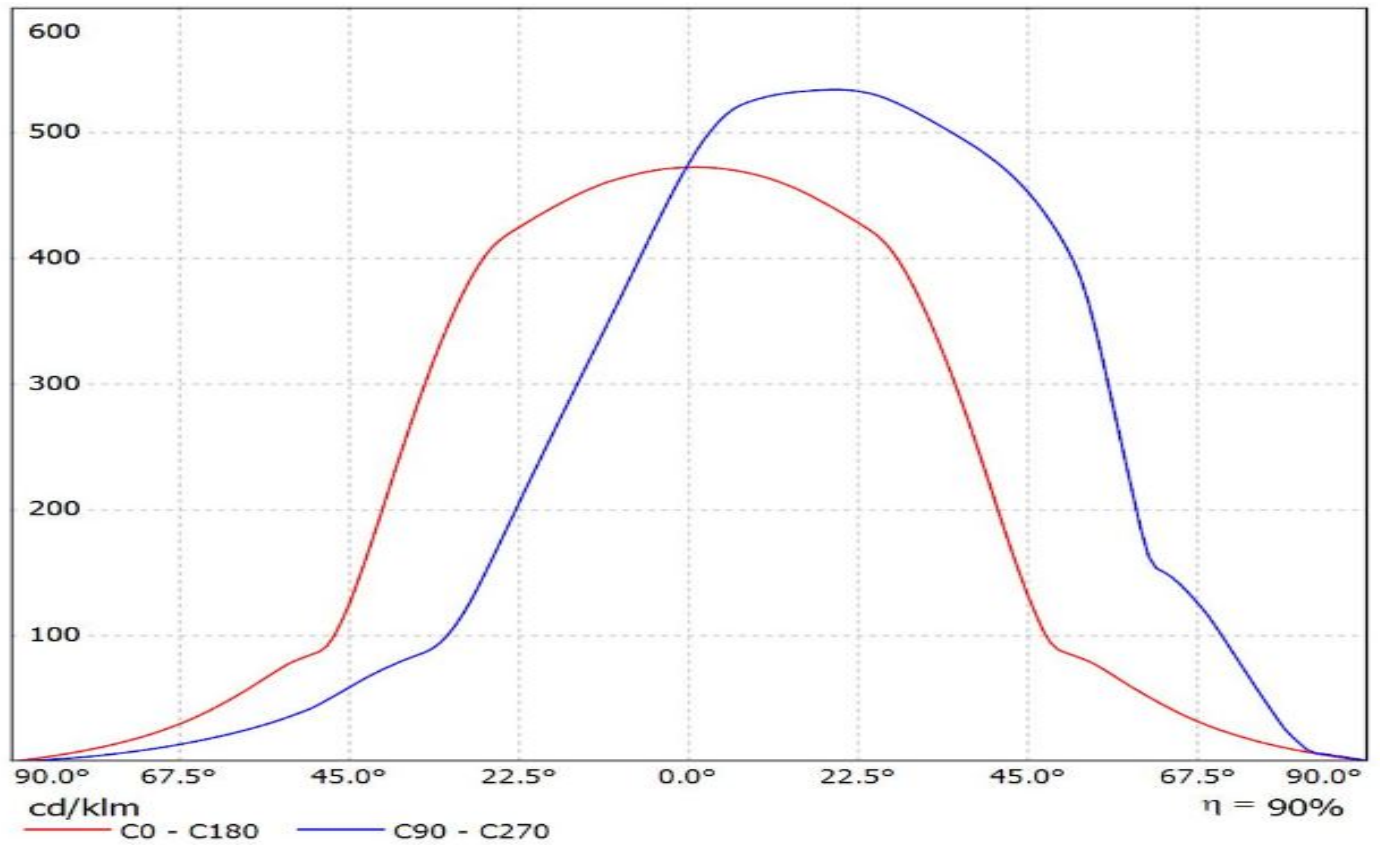
Luminaire: LEDiL Oy CN13374_LENA-X-WAS_(CL-L340) Eff.86.3%
Lamps: 1 x CL-L340 (929.39lm@250mA)



Ledil CN14079_LENA-X-WAS_(CLU044)_(431_Typ_L3) / LDC (Linear)

Luminaire: Ledil CN14079_LENA-X-WAS_(CLU044)_(431_Typ_L3)

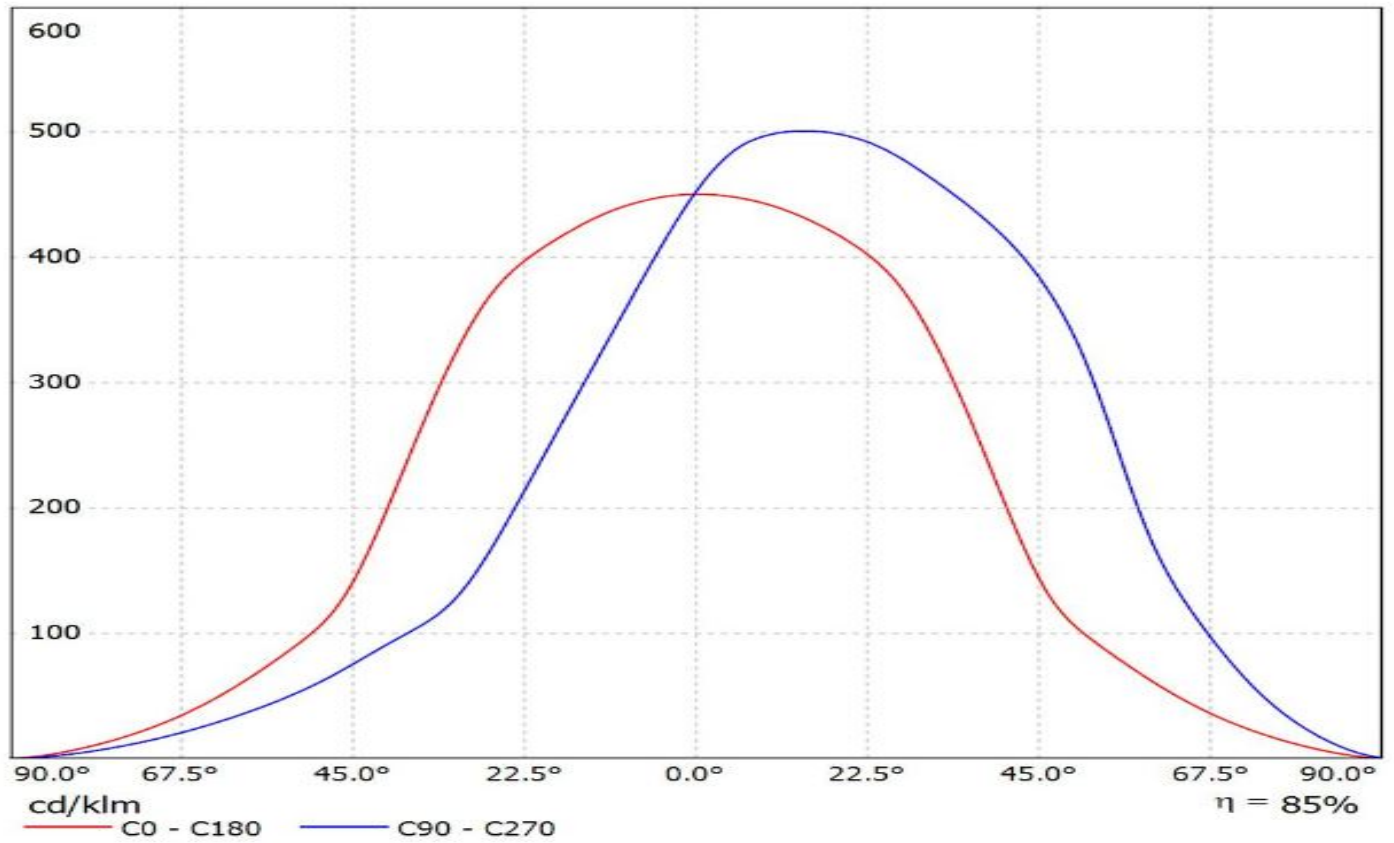
Lamps: 1 x Citizen_CLU044_(CLU044-1212B8-303M1A2)_1289.77lm@250mA_P=8.17W_I=0.25A



Ledil CN14080_LENA-X-WAS-DL_(CLU044)_(431_Typ_L3) / LDC (Linear)

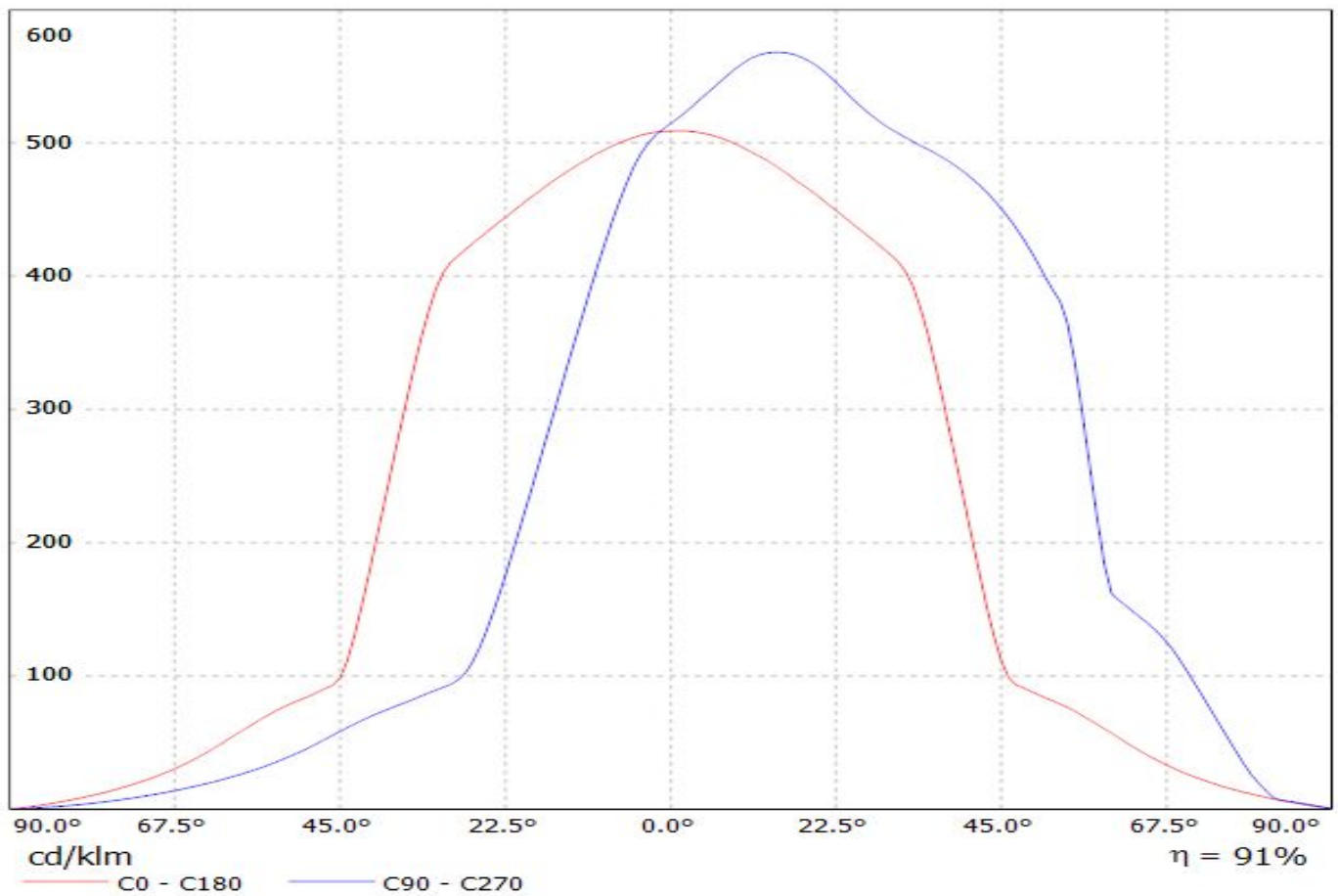
Luminaire: Ledil CN14080_LENA-X-WAS-DL_(CLU044)_(431_Typ_L3)

Lamps: 1 x Citizen_CLU044_(CLU044-1212B8-303M1A2)_1289.77lm@250mA_P=8.17W_I=0.25A



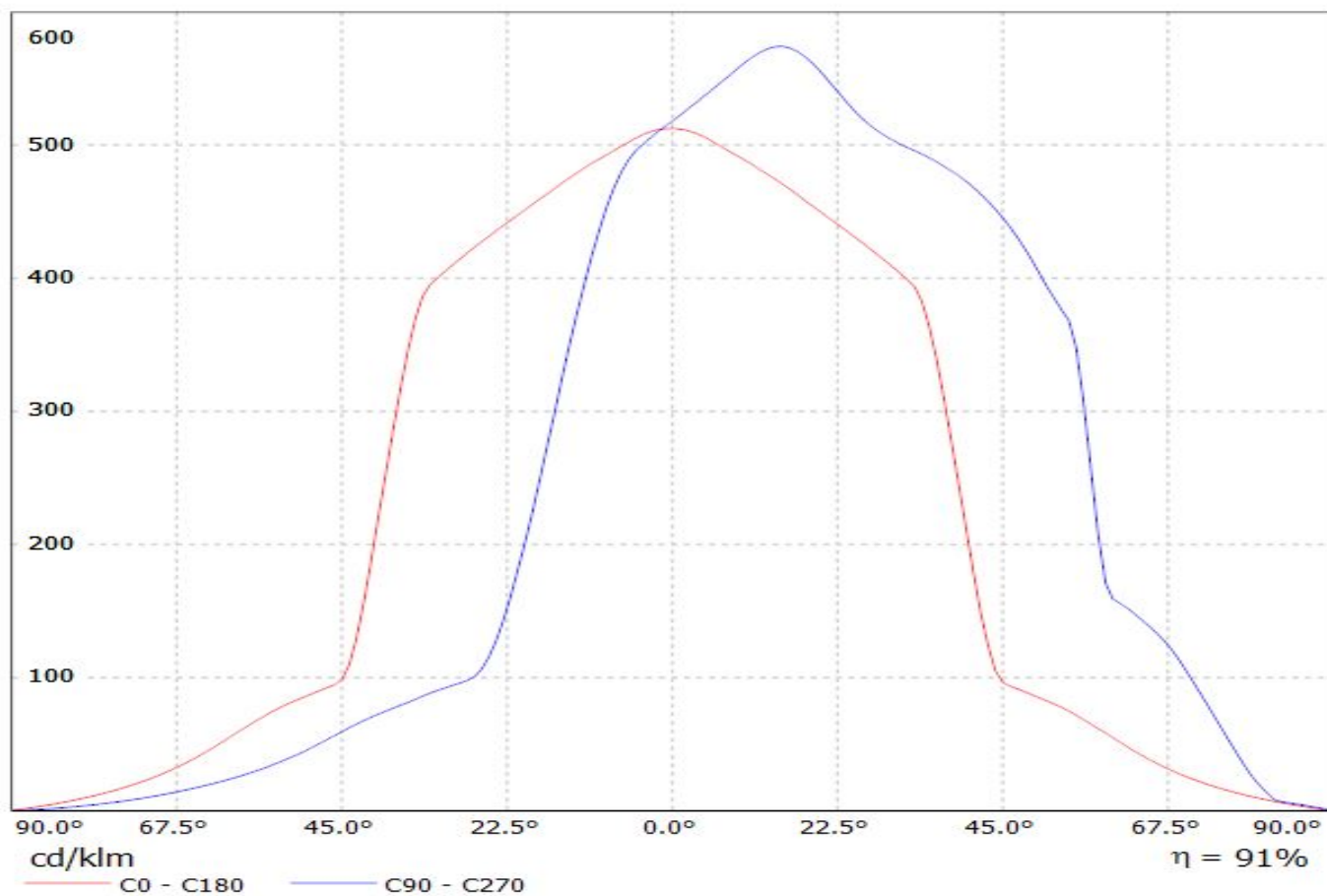
Luminaire: Ledil CN14085_LENA-X-WAS (CLU034) (433_Typ_L1)

Lamps: 1 x Citizen_CLU034_(CLU034-1205B8-303M1A2)_1156.67lm@250mA_P=8.5W_I=0.25A



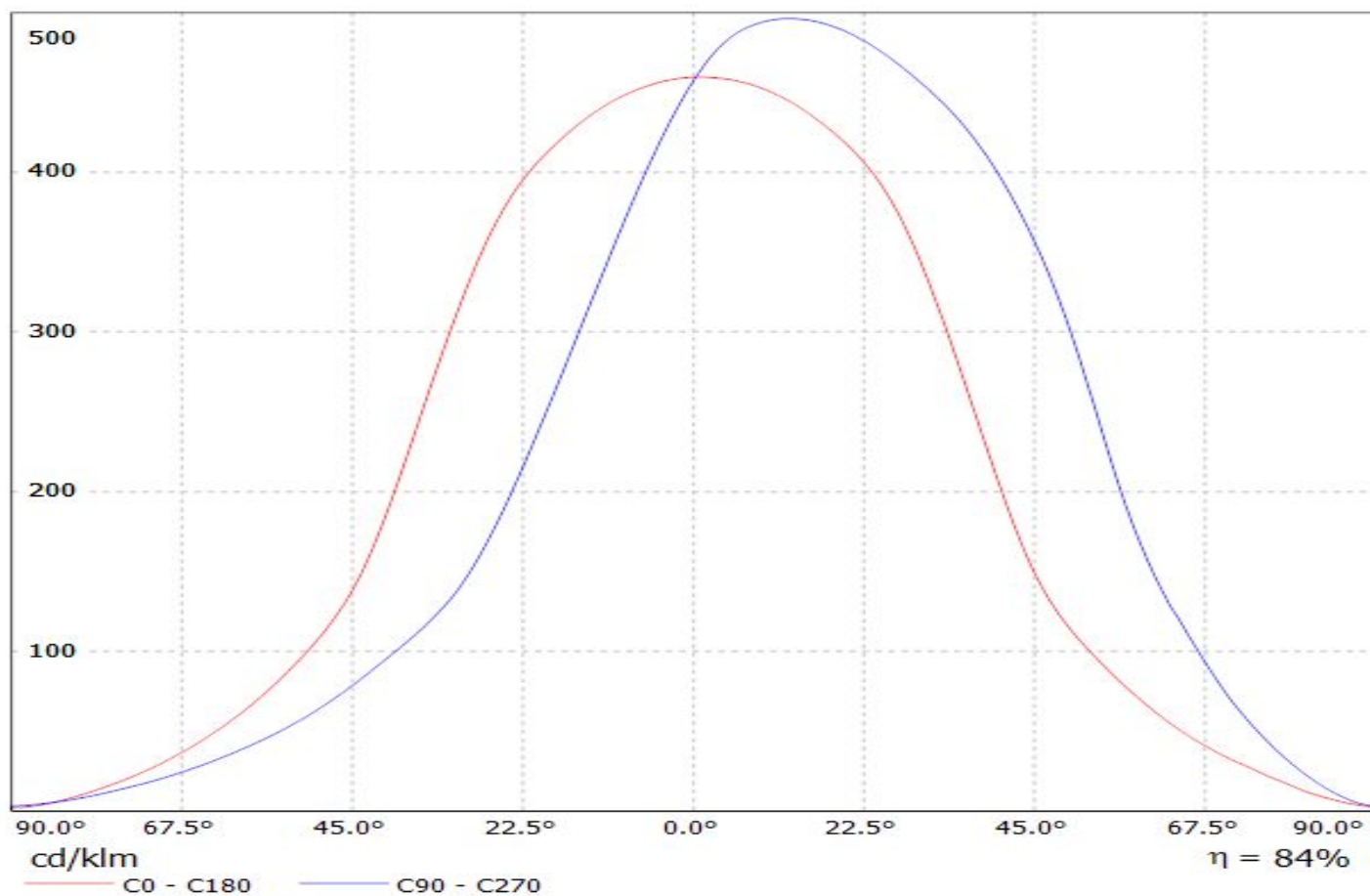
Luminaire: Ledil CN14085_LENA-X-WAS_(CLU720)_(433_Typ_L1)

Lamps: 1 x Citizen_CLU720_(CLU720-1206B8-273M2G1)_1206.29lm@250mA_P=8.29W_I=0.25A



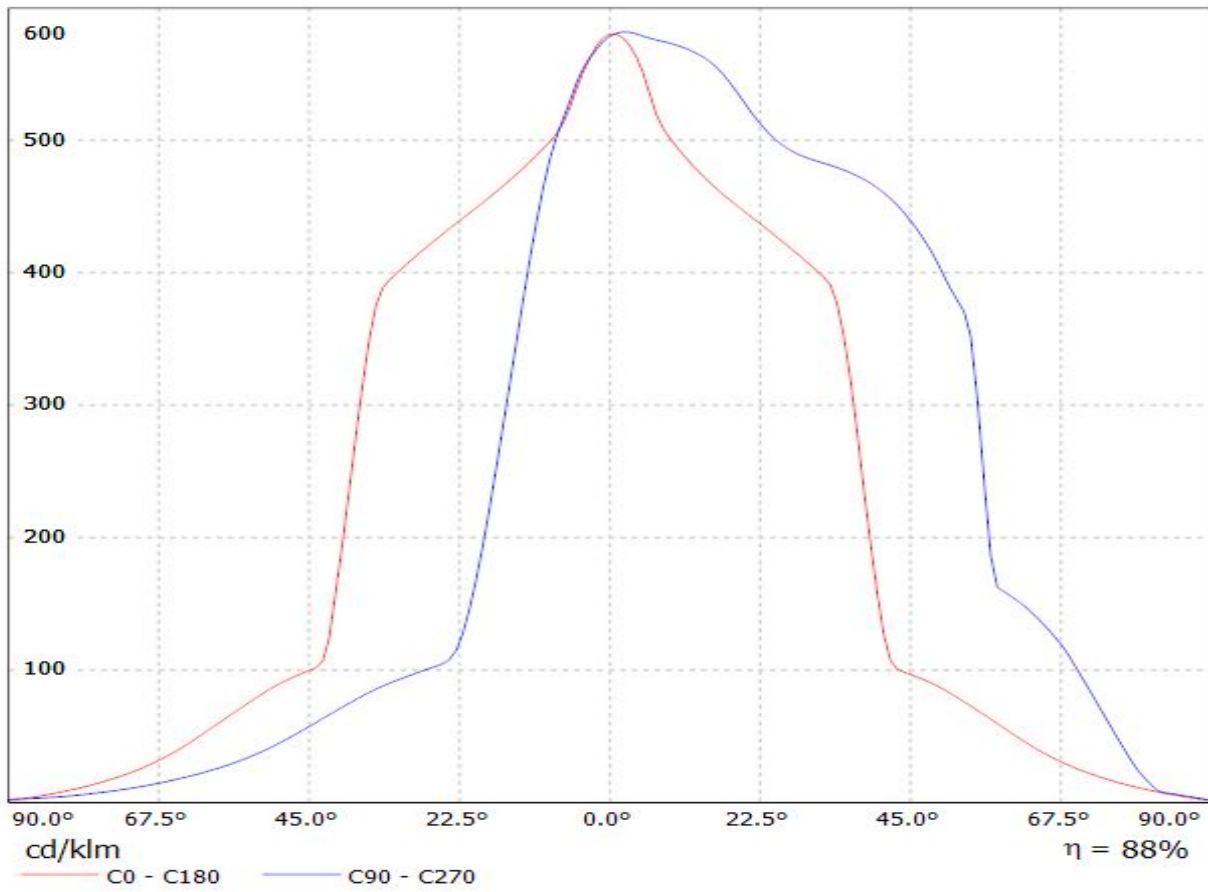
Luminaire: LEDiL Oy CN14581_LENA-X-WAS-DL_(CLL040)

Lamps: 1 x Citizen_CLL040_(CLL040-1218A-50KL1A1)_1143.61lm@250mA_P=8.26919W_I=249.9mA



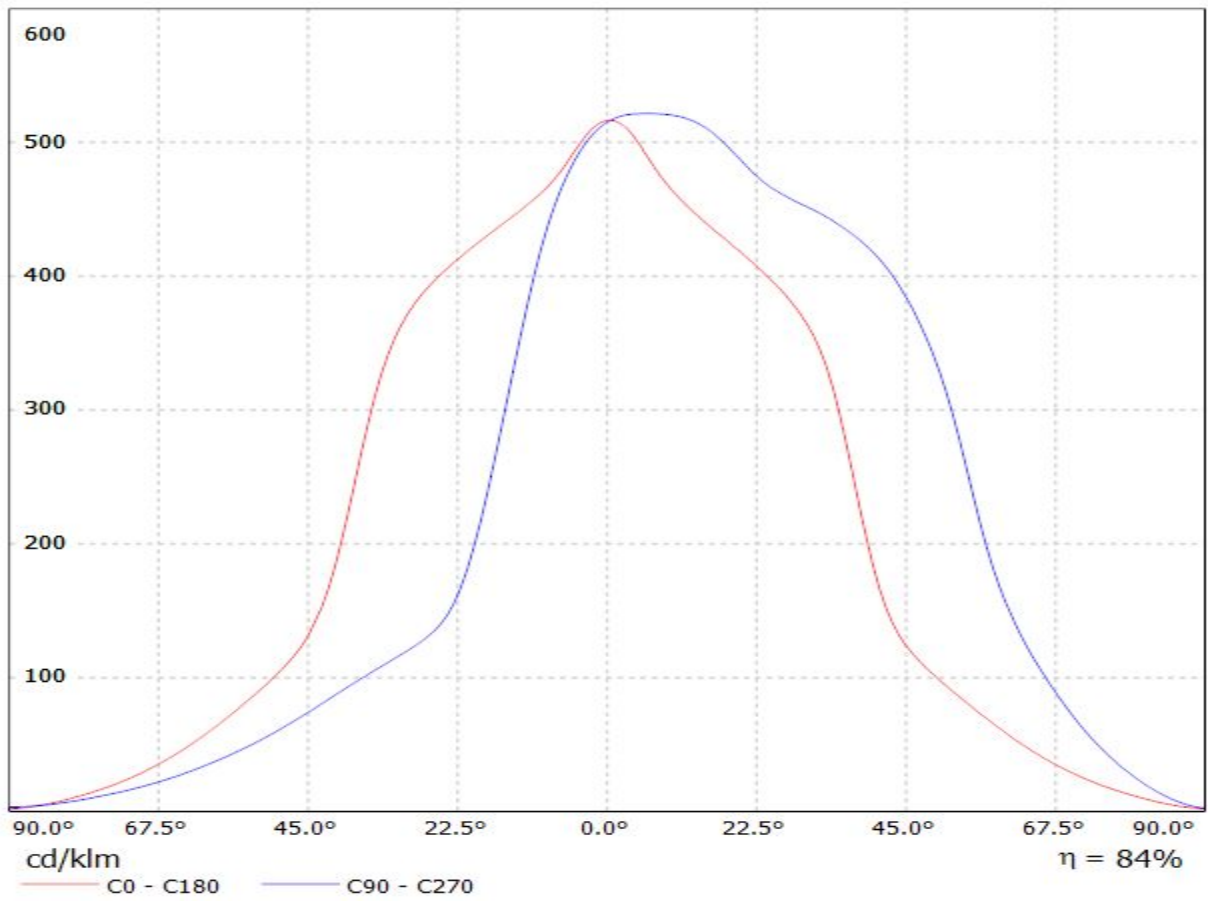
Luminaire: LEDiL Oy CN13248_LENA-X-WAS_(CXA1520)

Lamps: 1 x CREE_CXA1520_(CXA1520-30F-N4-N0H-0001)_972.29@250mA_CCT=3000K_P=8.22841W_I=249.8mA

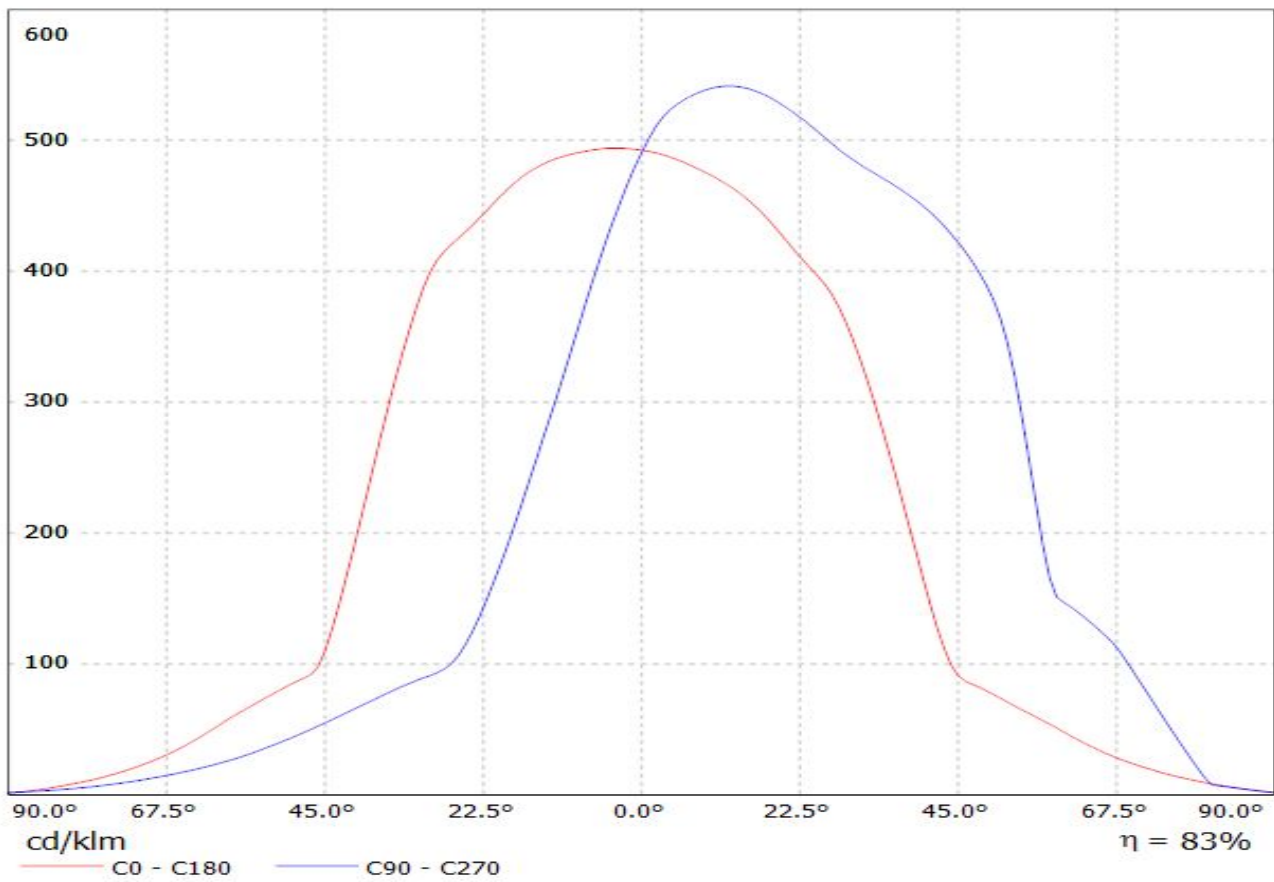


Luminaire: LEDiL Oy CN13249 LENA-X-WAS-DL (CXA1520)

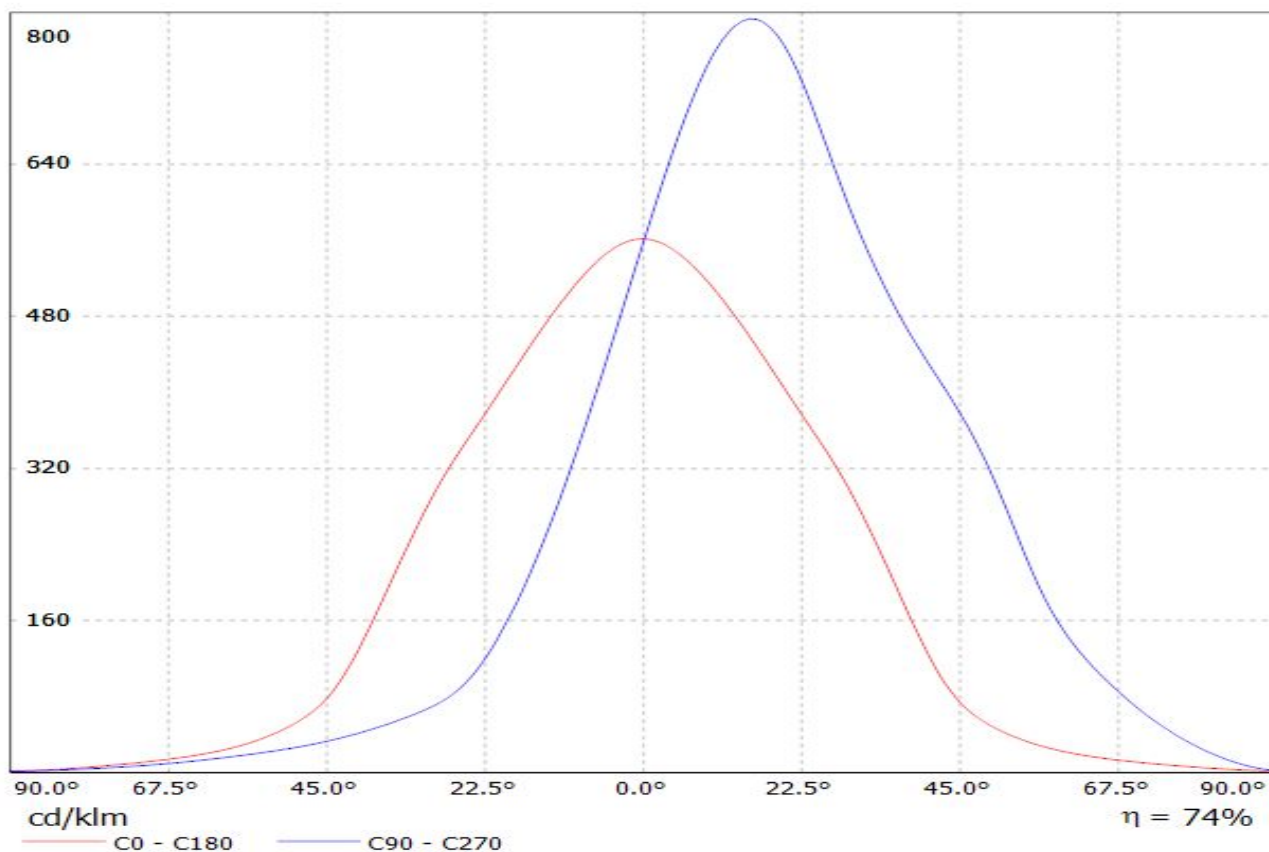
Lamps: 1 x CREE_CXA1520_(CXA1520-30F-N4-N0H-0001)_972.29@250mA_CCT=3000K_P=8.22841W_I=249.8mA



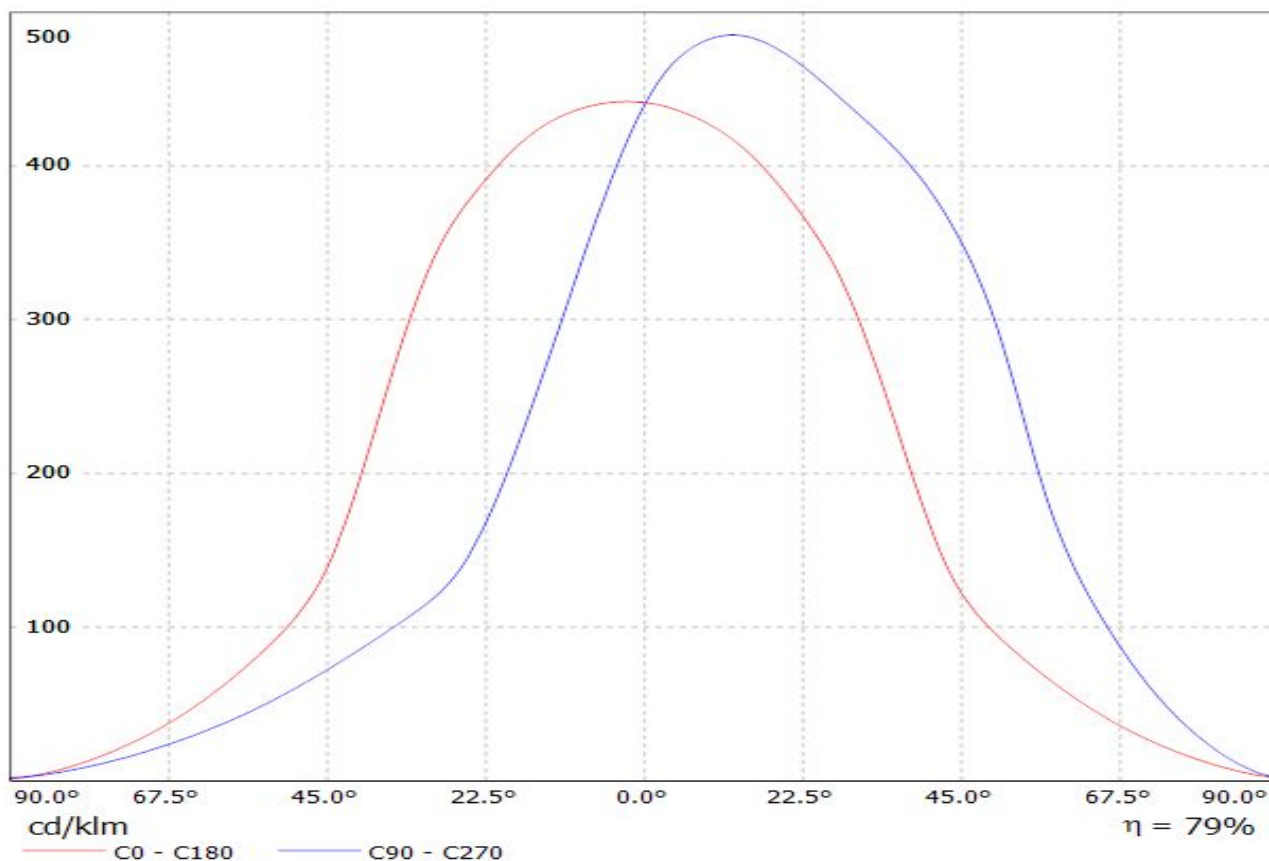
Luminaire: LEDiL Oy CN13341_LENA-X-WAS_(CXA25) Eff.83.1%
Lamps: 1 x CREE_CXA25_(2520-7A-N4-N0U) 888.265lm@250mA CCT=3000K P=8.58457W I=249.9mA



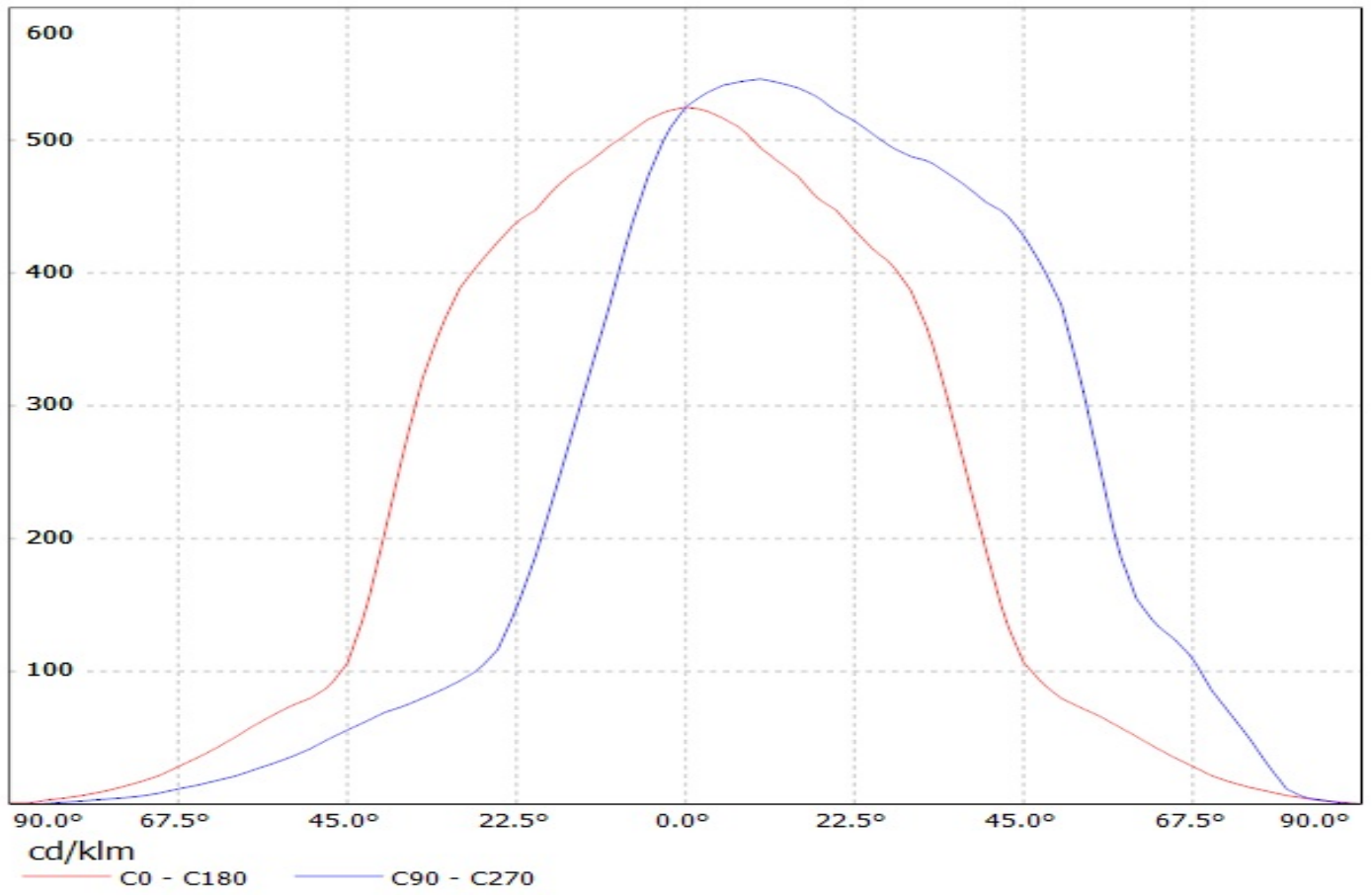
Luminaire: LEDiL Oy CN13342_LENA-WAS-DL_(CXA25) Eff.73.8%
Lamps: 1 x CREE_CXA25_(2520-7A-N4-N0U) 888.265lm@250mA CCT=3000K P=8.58457W I=249.9mA



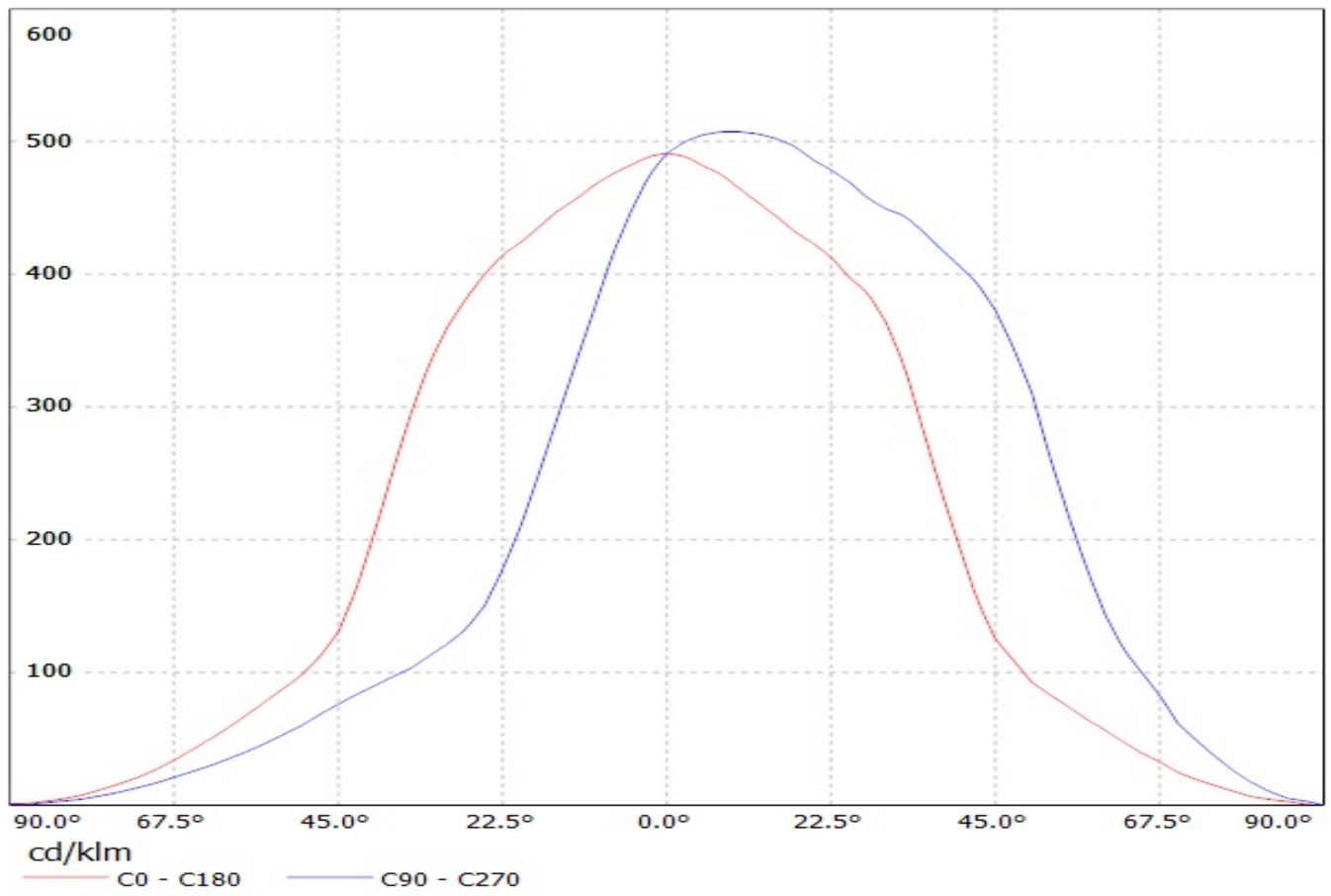
Luminaire: LEDiL Oy CN13343_LENA-X-WAS-DL_(CXA25) Eff.78.5%
Lamps: 1 x CREE_CXA25_(2520-7A-N4-N0U) 888.265lm@250mA CCT=3000K P=8.58457W I=249.9mA



Luminaire: Ledil Oy CN13455_LENA-X-WAS (Cree CXA20 698lm @ 250mA) Efficiency=83%
Lamps: 1 x Cree CXA20 698lm @ 250mA

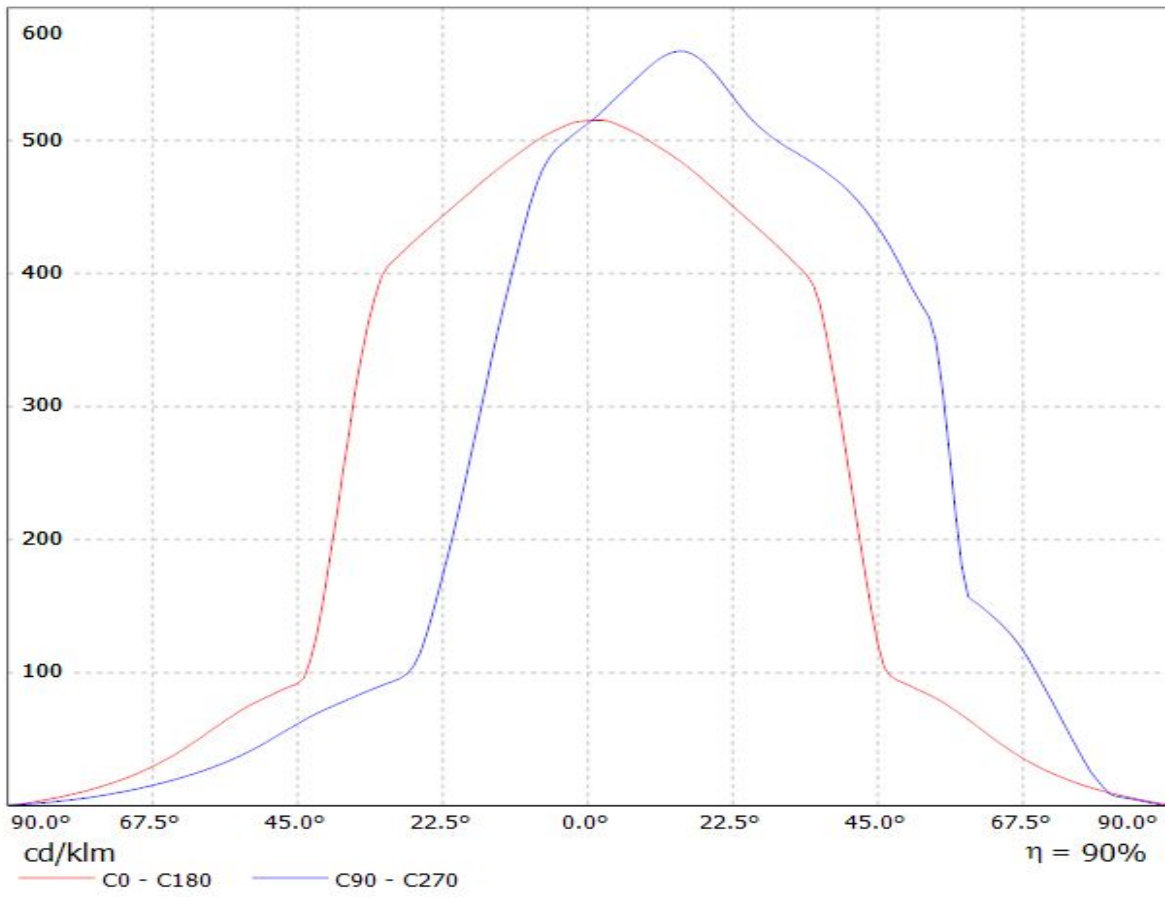


Luminaire: Ledil Oy CN13456_LENA-X-WAS-DL (Cree CXA20 698lm @ 250mA) Efficiency=80%
Lamps: 1 x Cree CXA20 698lm @ 250mA



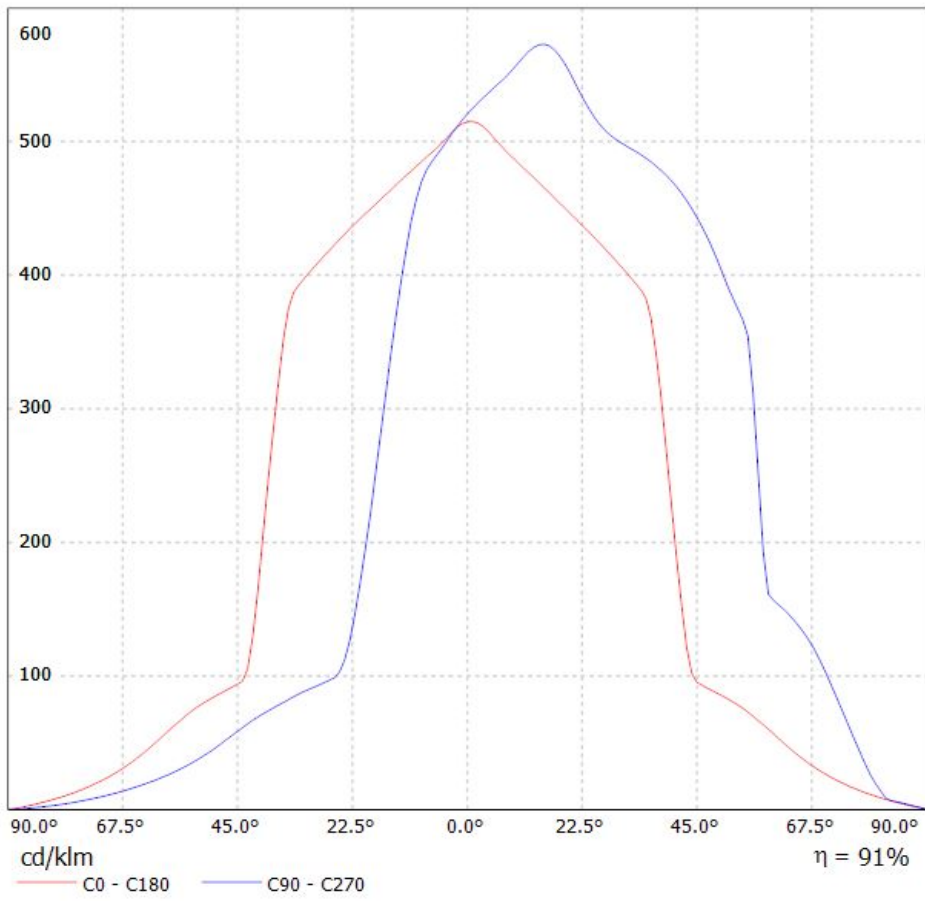
Luminaire: LEDiL Oy CN14085_LENA-X-WAS_(CXA1850)

Lamps: 1 x Cree_CXA1850_(437 Typ L1)_C13868_LENA-STD-BASE-VERO13-18_790.96lm@250mA_P=8.23295W_I=0.2499A



Luminaire: Ledil CN14085_LENA-X-WAS_(CXA1520)_ (441_Typ_L1)

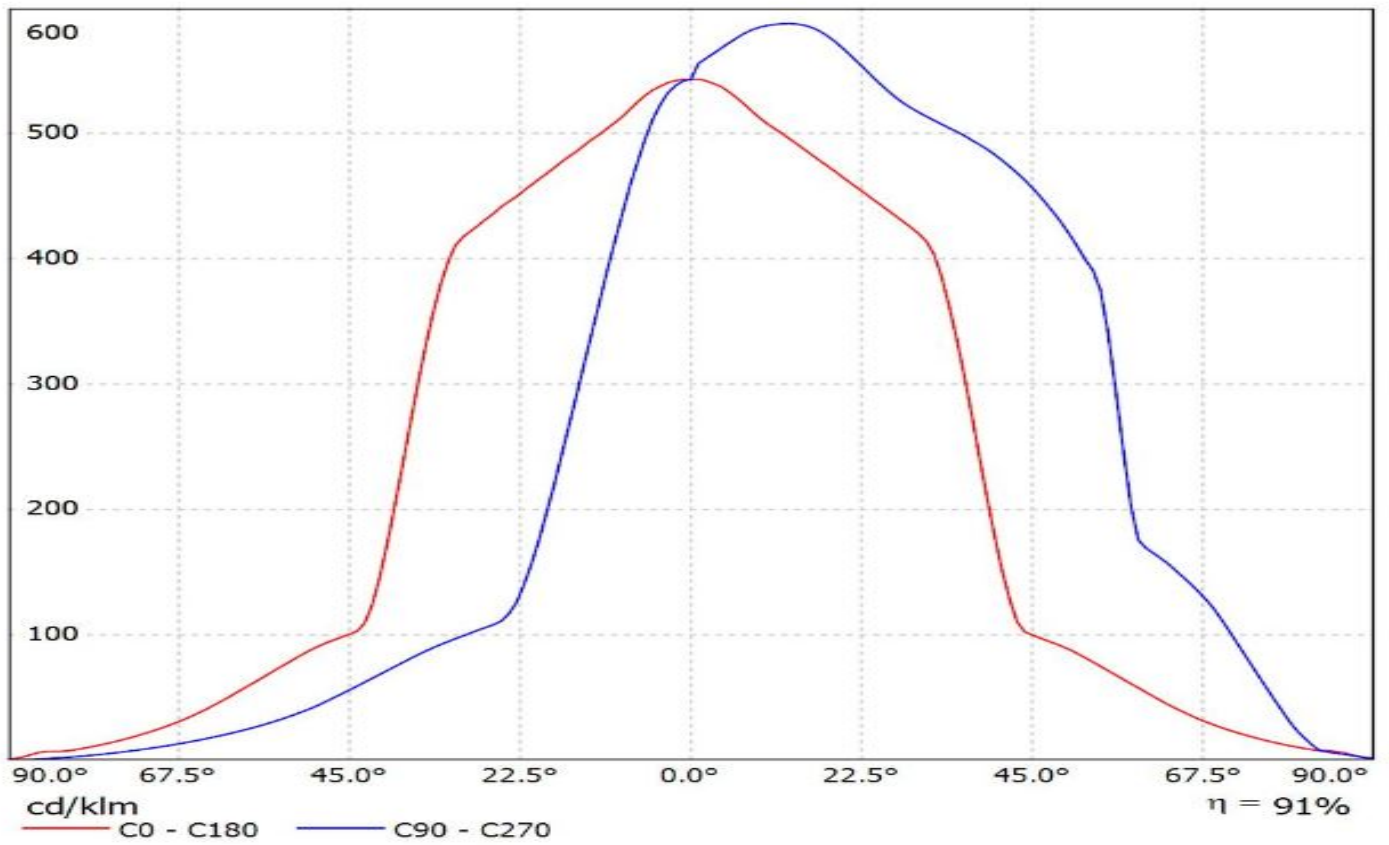
Lamps: 1 x Cree_CXA1520_(CXA1520-30F-N4-00H-00001)_(C13868_LENA-STD-BASE-VERO13-18)_(441_Typ_L1)_1019.02lm@250mA_P=8.8025W_I=0.25A



Ledil CN14497_LENA-X-WAS_(CXA1816) / LDC (Linear)

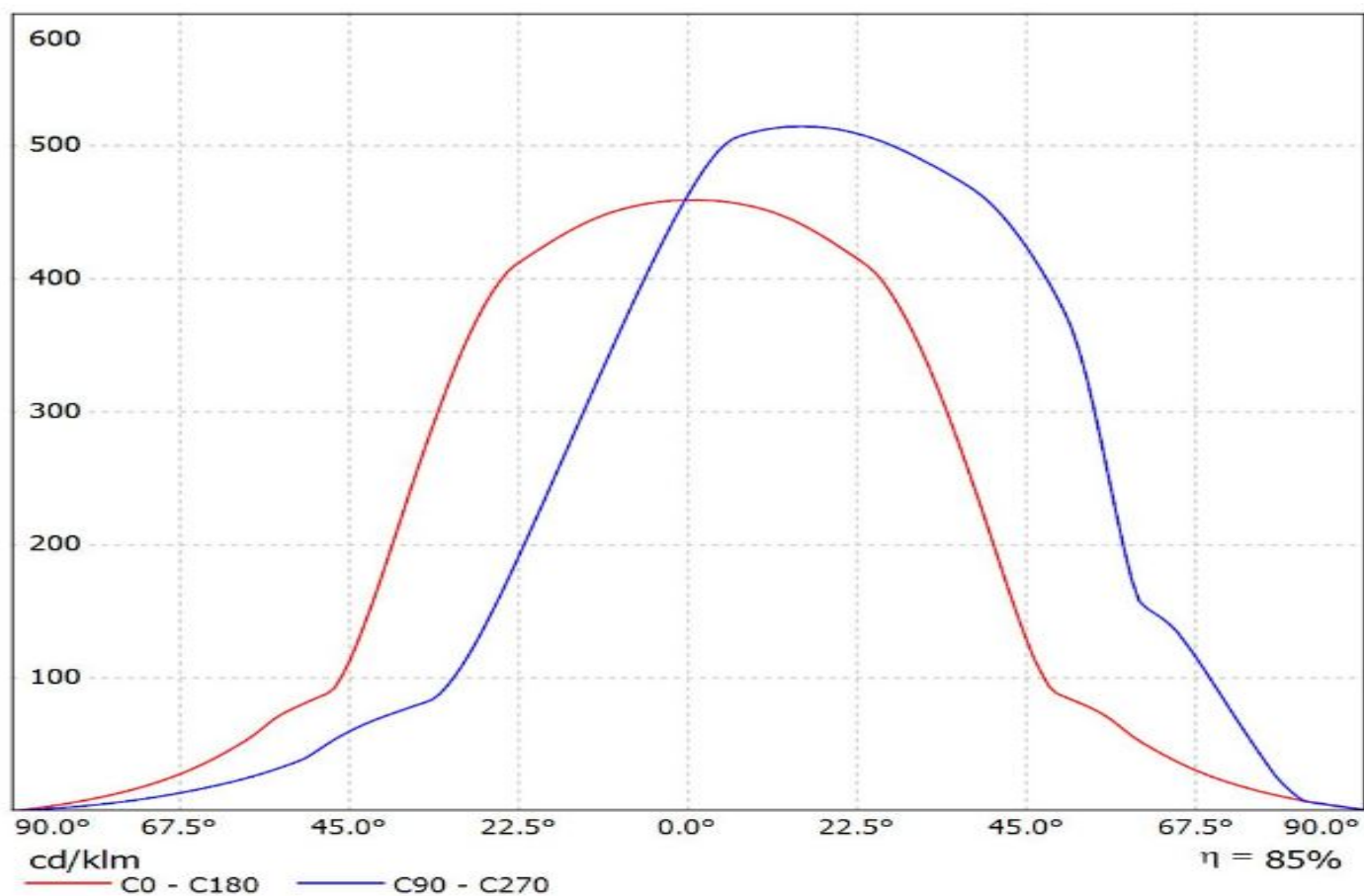
Luminaire: Ledil CN14497_LENA-X-WAS_(CXA1816)

Lamps: 1 x CREE_CXA1816_(-30F-P2-N0H-00001)_1121.53lm@250mA_P=8.8W_I=0.25A



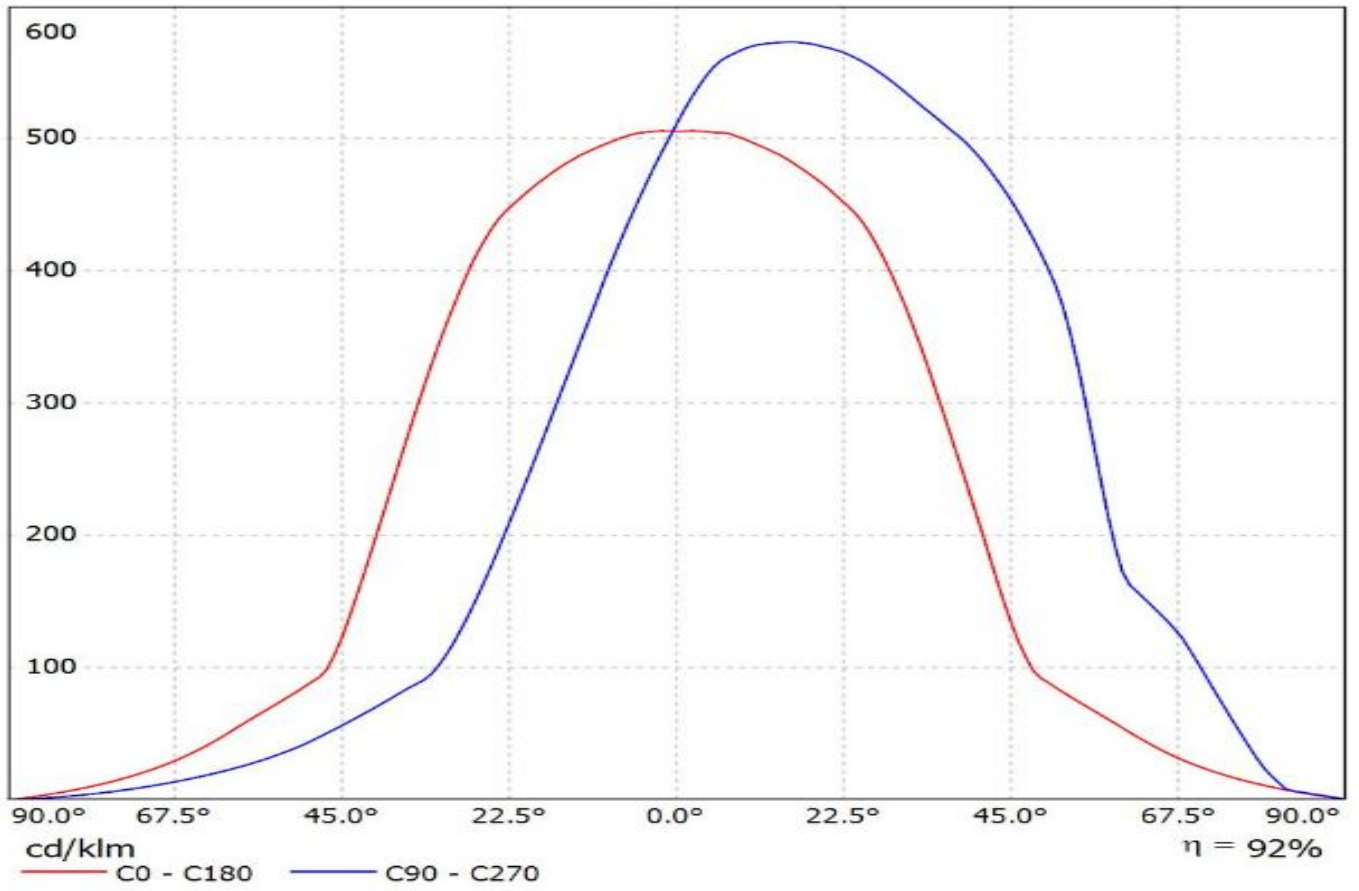
Luminaire: Ledil C13101_LENA-X-WAS_(CoB_1216)

Lamps: 1 x Luxeon_CoB_1216_(L2C2-40801216E2300)_1475.81lm@250mA_P=7.9980W_I=0.25A



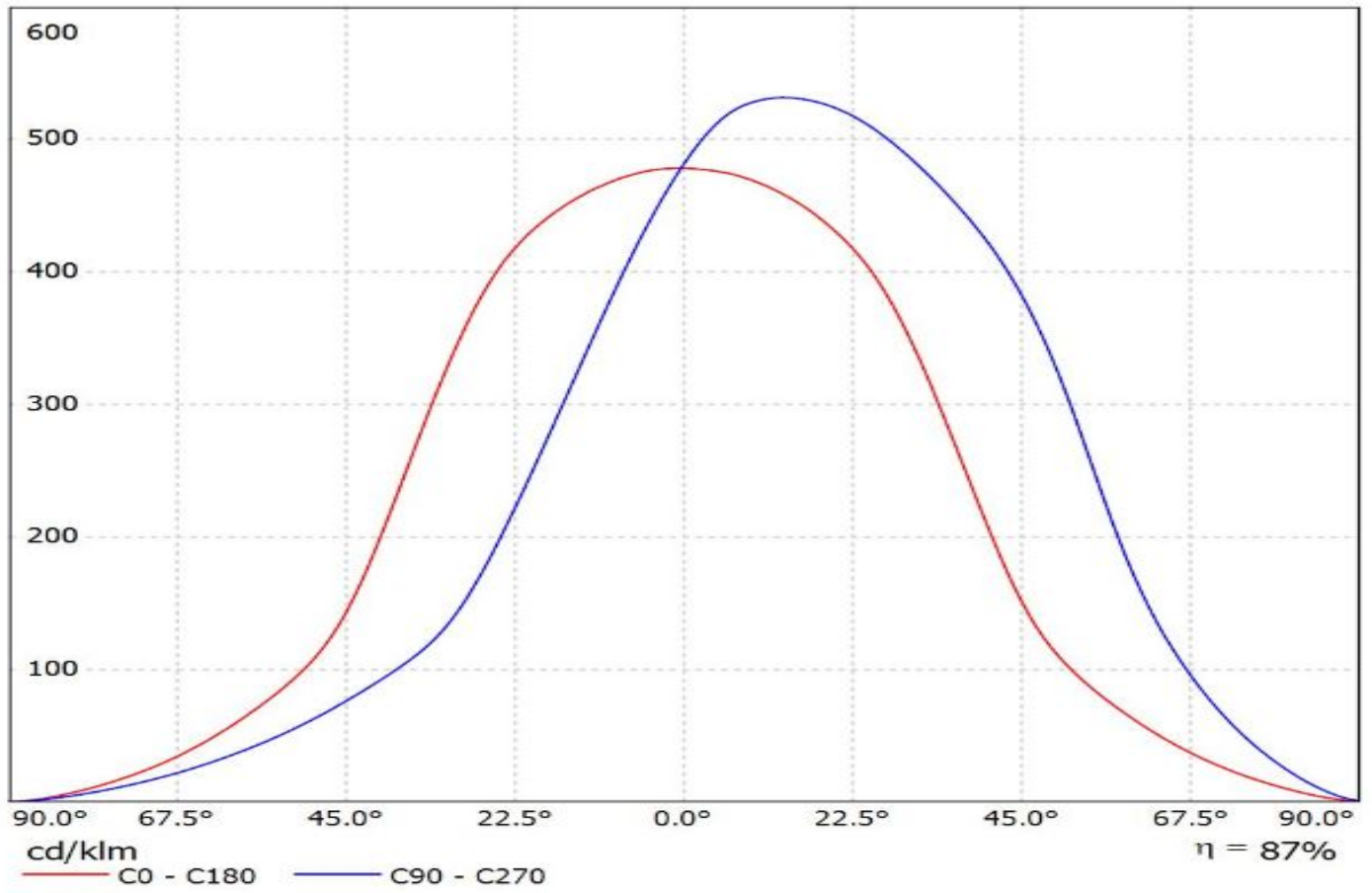
Luminaire: Ledil CN13370_LENA-X-WAS (CoB_1216)

Lamps: 1 x Luxeon_CoB_1216_(L2C2-40801216E2300)_1399:13lm@250mA_P=8.0015W_I=0.25A



Luminaire: Ledil CN13372_LENA-X-WAS-DL_(CoB_1216)

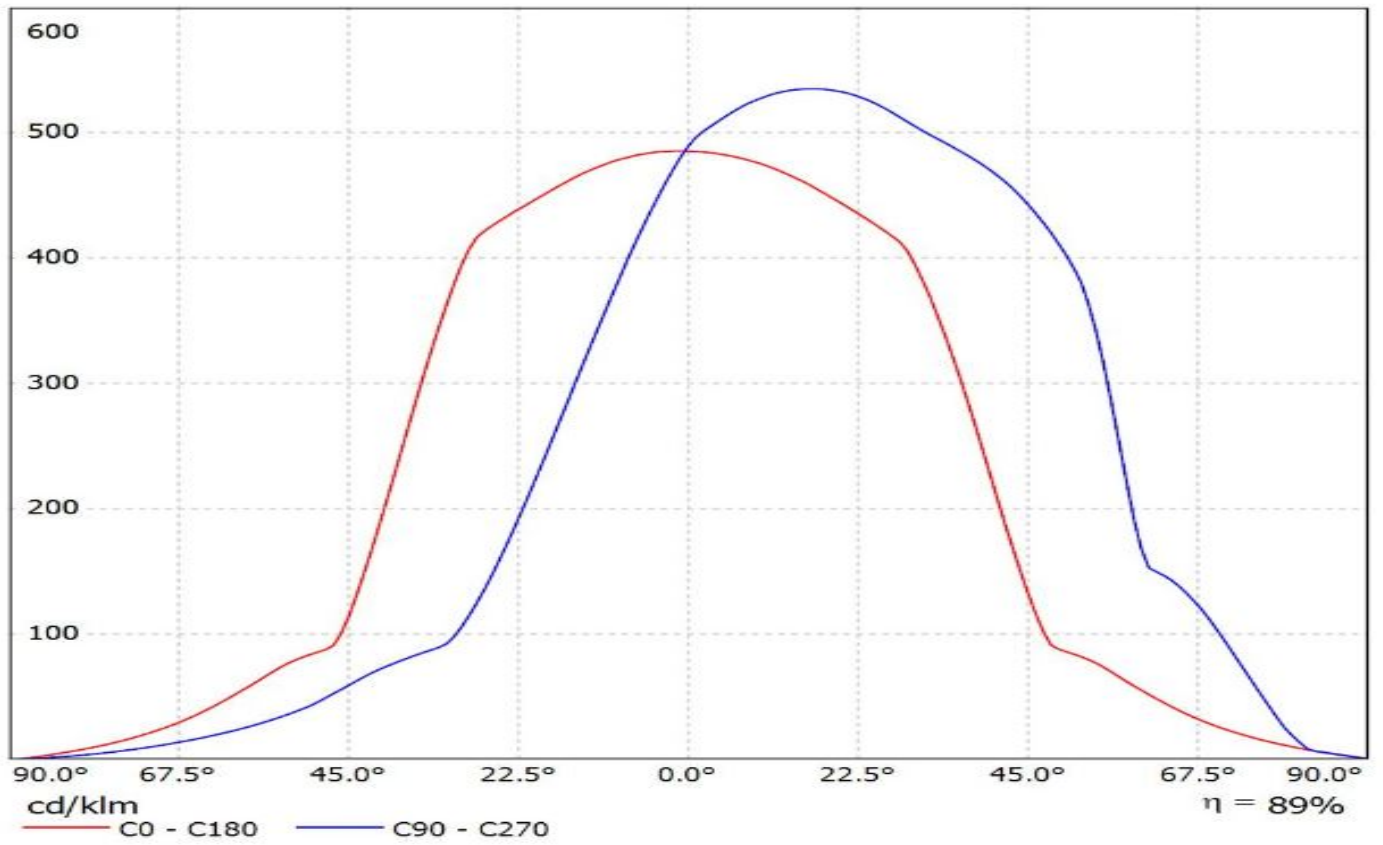
Lamps: 1 x Luxeon_CoB_1216_(L2C2-40801216E2300)_1399.13lm@250mA_P=8.0015W_I=0.25A



Ledil CN14079_LENA-X-WAS_(CoB_1211)_(431_Typ_L3) / LDC (Linear)

Luminaire: Ledil CN14079_LENA-X-WAS_(CoB_1211)_(431_Typ_L3)

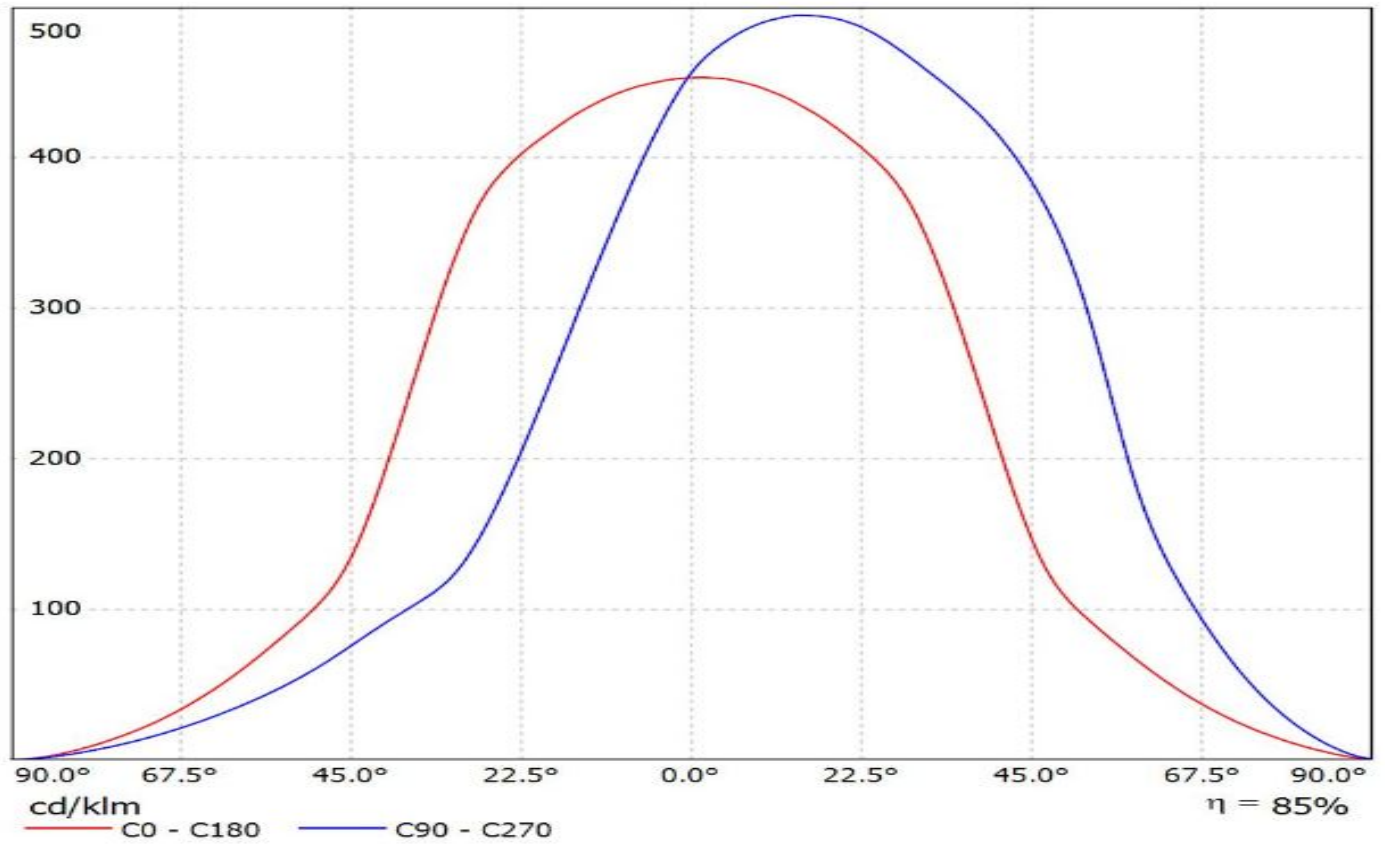
Lamps: 1 x Luxeon_CoB_1211_(LHC1-2790-1211)_919.63lm@250mA_P=8.W_I=0.25A



Ledil CN14080_LENA-X-WAS-DL_(CoB_1211)_(431_Typ_L3) / LDC (Linear)

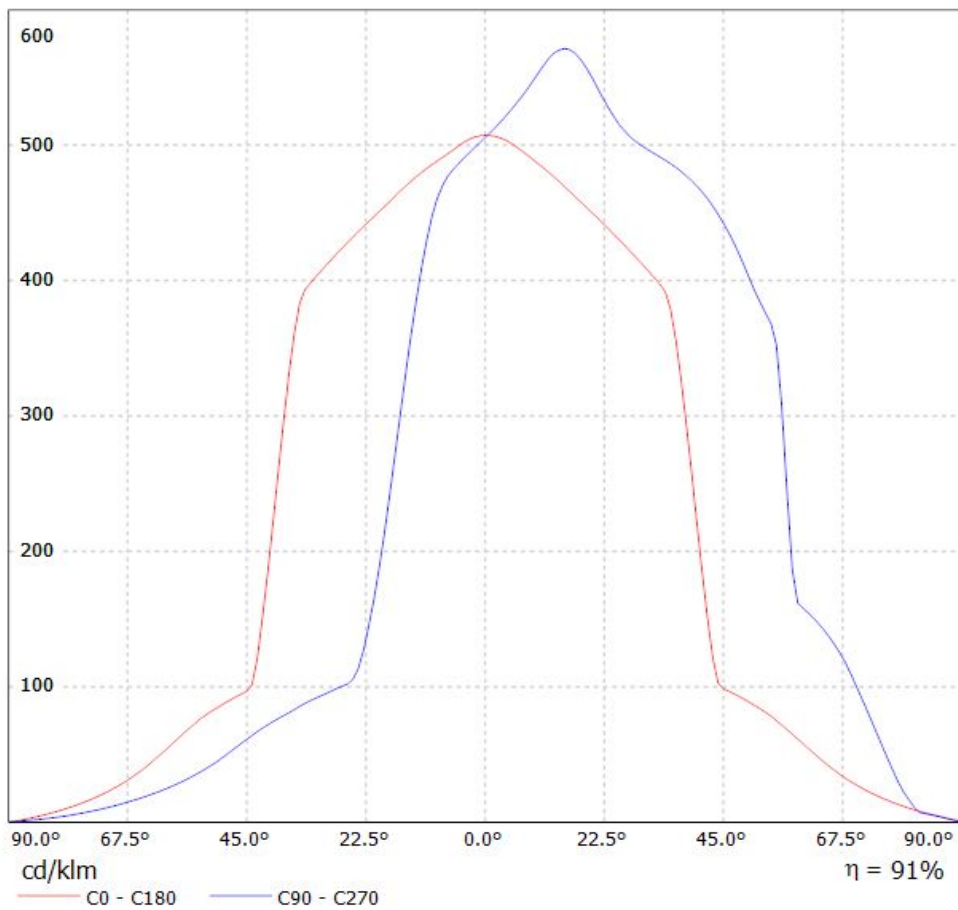
Luminaire: Ledil CN14080_LENA-X-WAS-DL_(CoB_1211)_(431_Typ_L3)

Lamps: 1 x Luxeon_CoB_1211_(LHC1-2790-1211)_919.63lm@250mA_P=8.W_I=0.25A



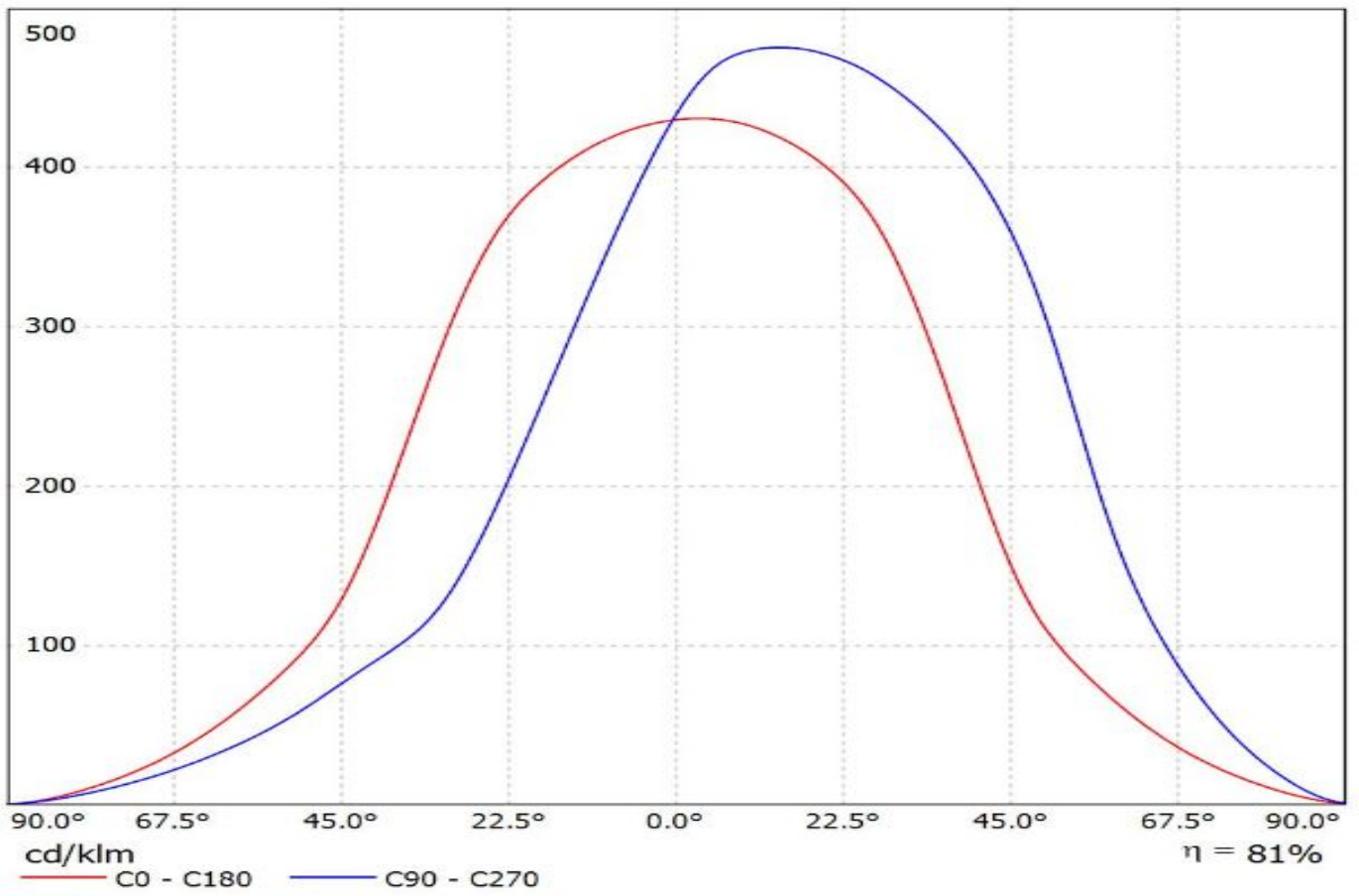
Luminaire: LEDiL Oy CN14085_LENA-X-WAS_(Luxeon_CoB_1203)

Lamps: 1 x Luxeon_COB_1203_(LHC1-3080-1203)_(C13868_LENA-STD-BASE-VERO13-18)_(438_Typ_L1)_990.674lm@250mA_P=8.70128W_I=0.2498A

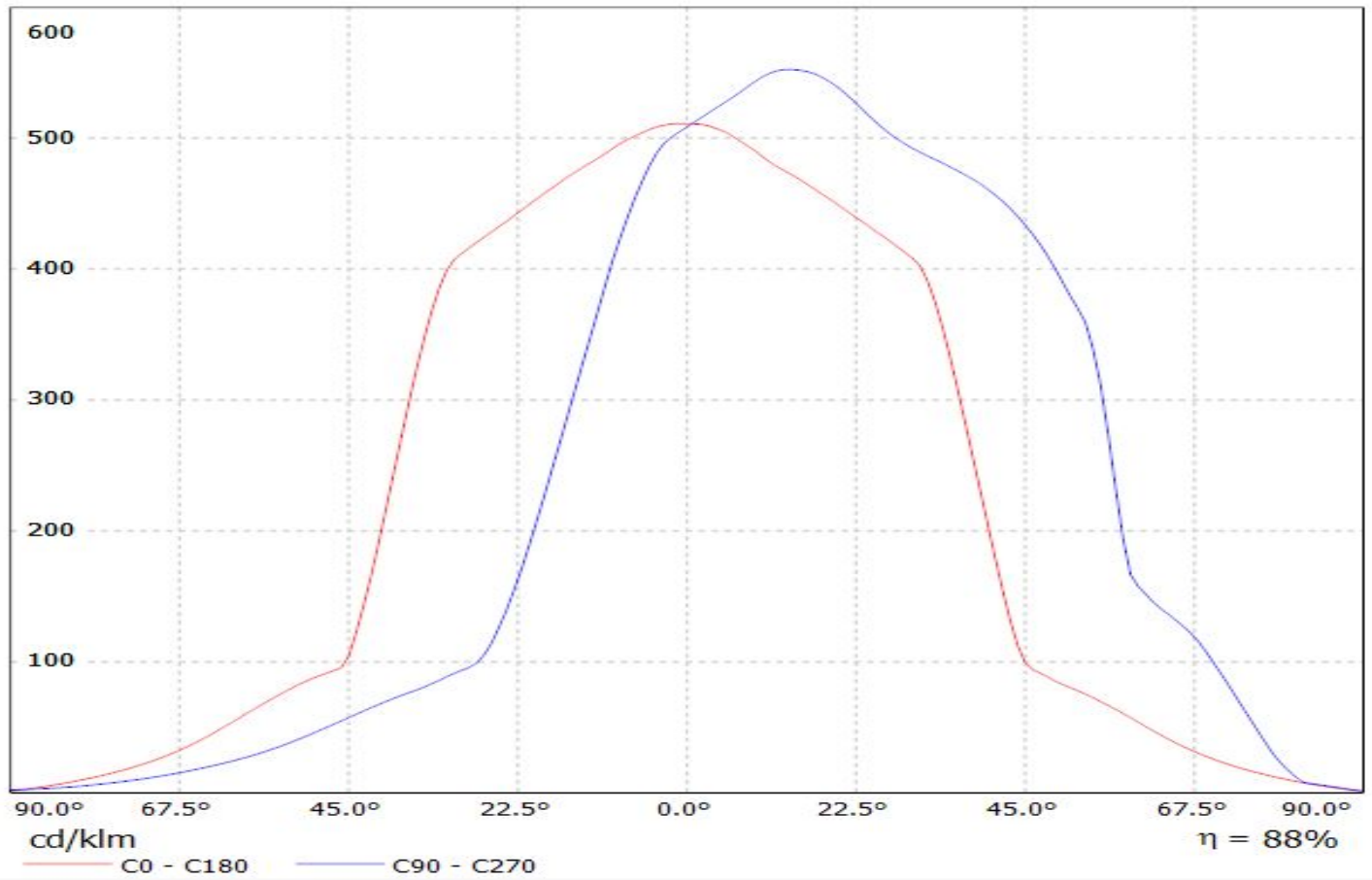


Luminaire: Ledil CN14581_LENA-X-WAS-DL_(CoB_1216)

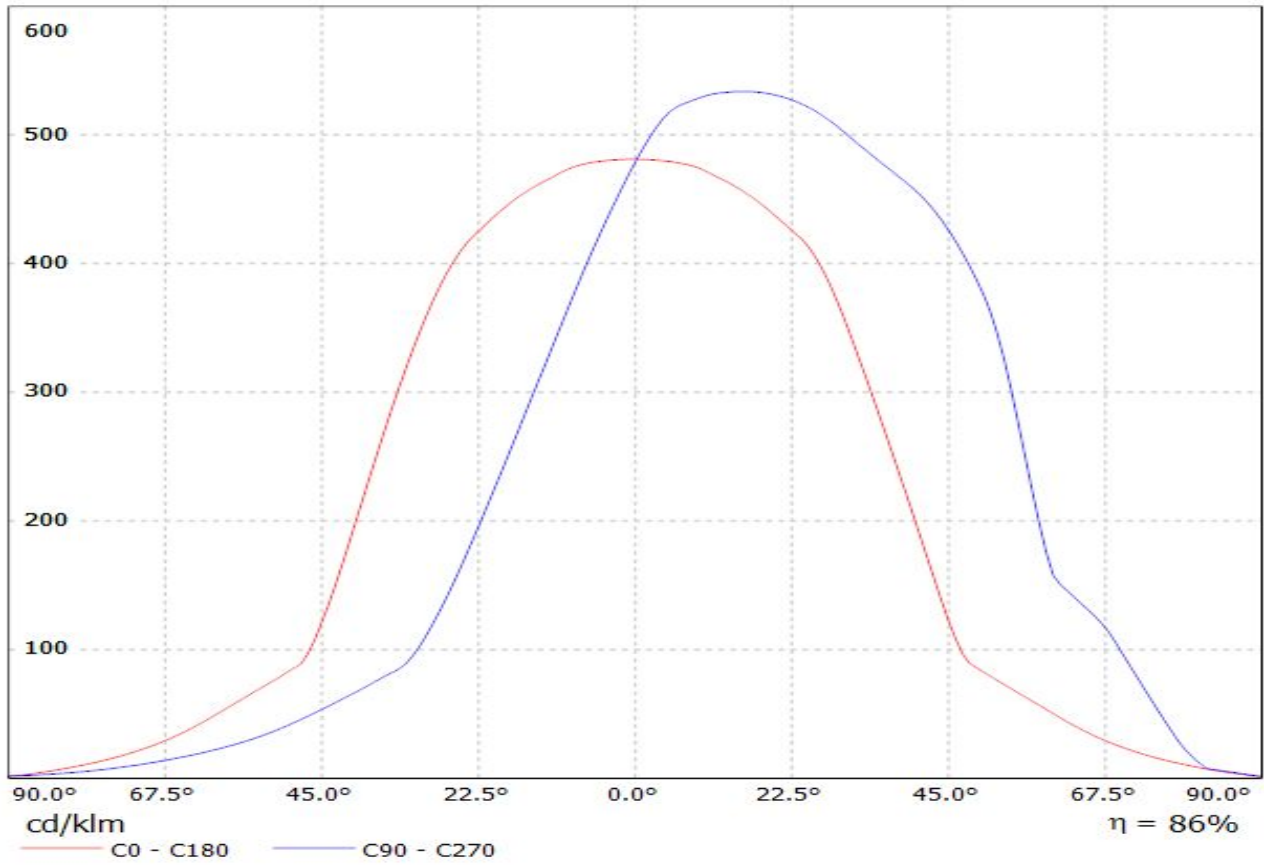
Lamps: 1 x Luxeon_CoB_1216_(L2C2-40801216E2300)_1475.81lm@250mA_P=7.9980W_I=0.25A



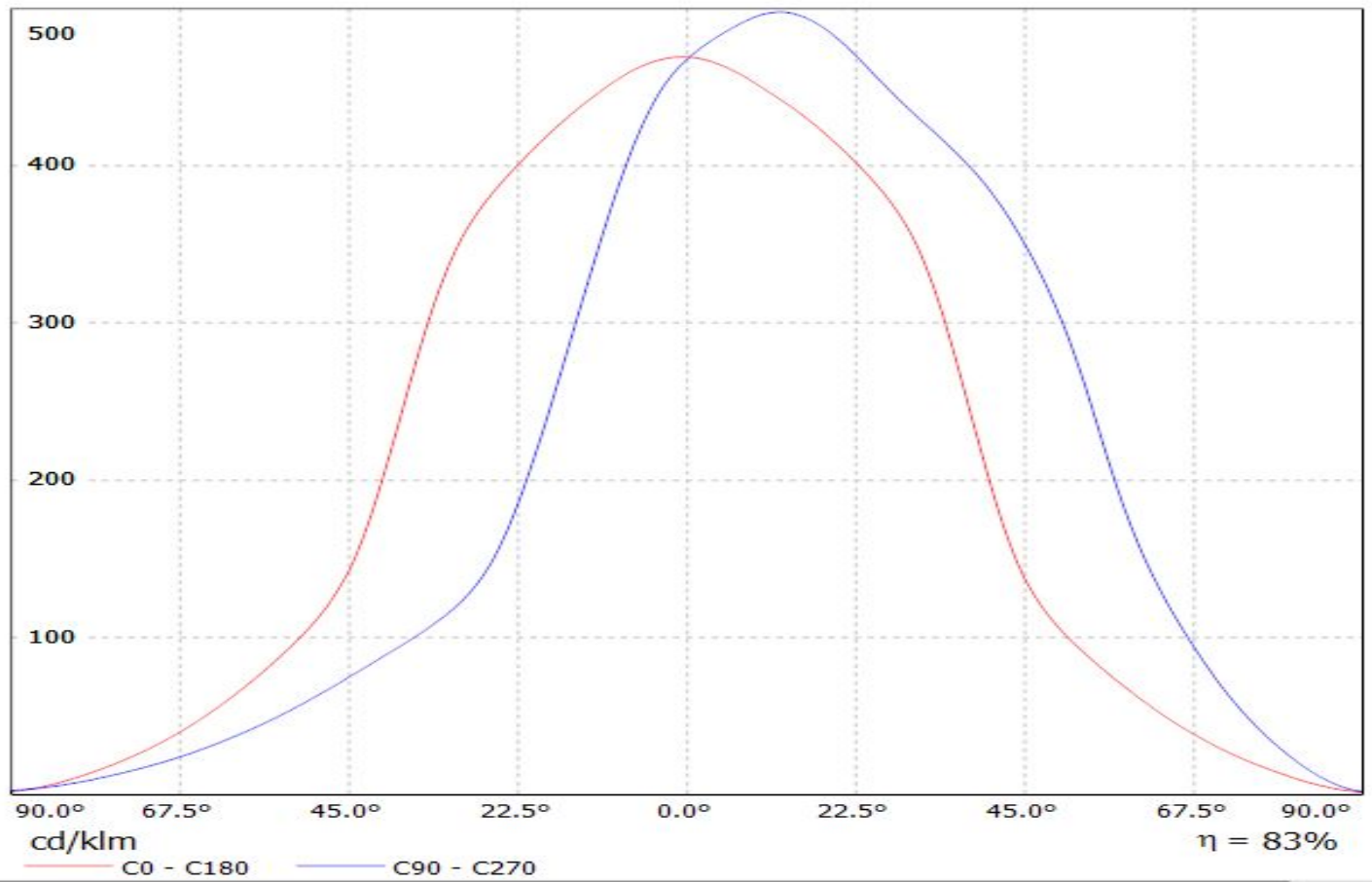
Luminaire: LEDiL Oy CN13369_LENA-X-WAS_(CXM-14)
Lamps: 1 x LUMINUS_XNOVA_CXM-14_(AC00)
_1071.53lm@250mA_CCT=3133K_P=8.34507W_I=249.8mA



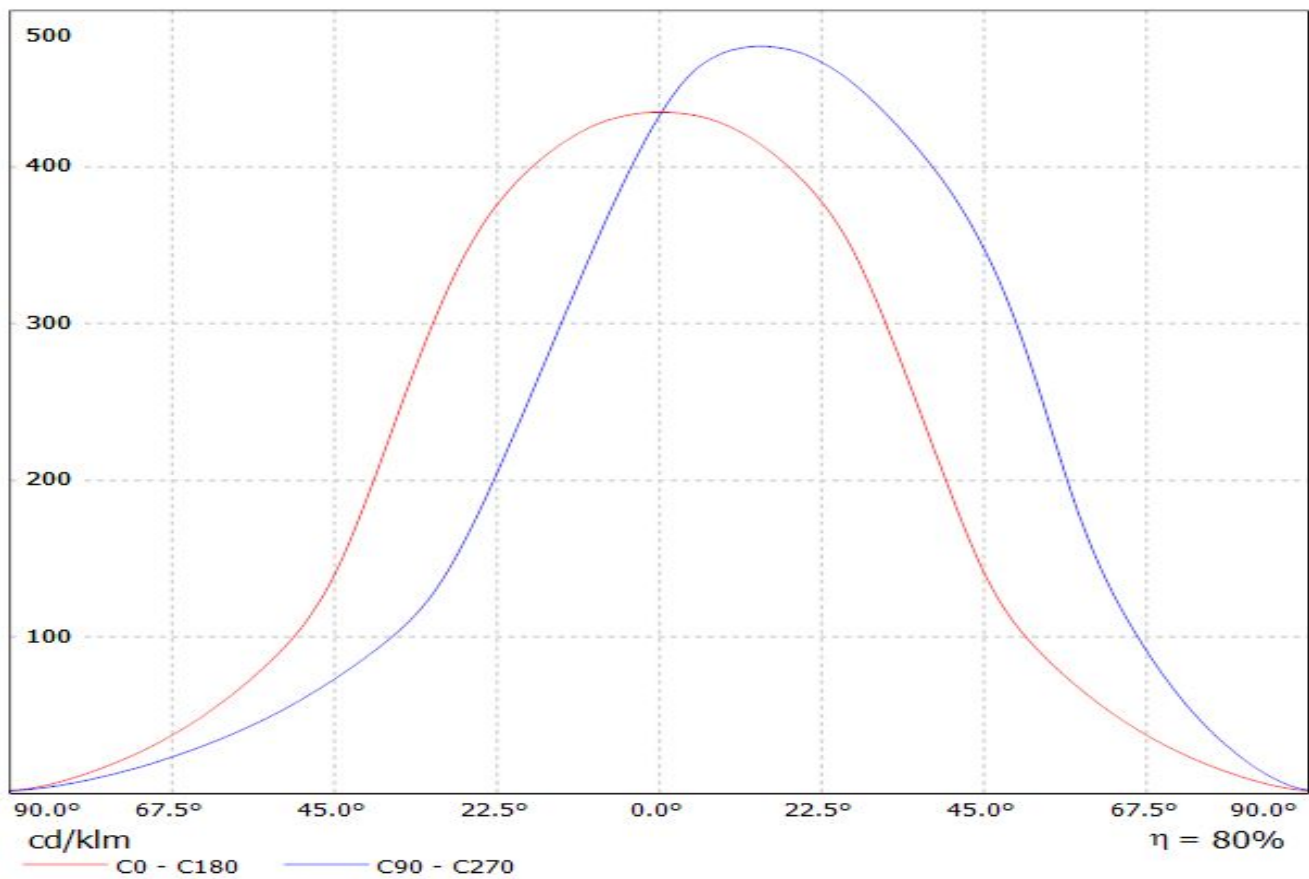
Luminaire: LEDiL Oy CN13370_LENA-X-WAS_(CXM-22) Eff.85.7%
Lamps: 1 x LUMINUS_CXM-22_1215.27lm@250mA_P=7.9903W_CCT=3000K_I=249.9mA



Luminaire: LEDiL Oy CN13371_LENA-X-WAS-DL_(CXM-14)
Lamps: 1 x LUMINUS_XNOVA_CXM-14_(AC00)
_1071.53lm@250mA_CCT=3133K_P=8.34507W_I=249.8mA

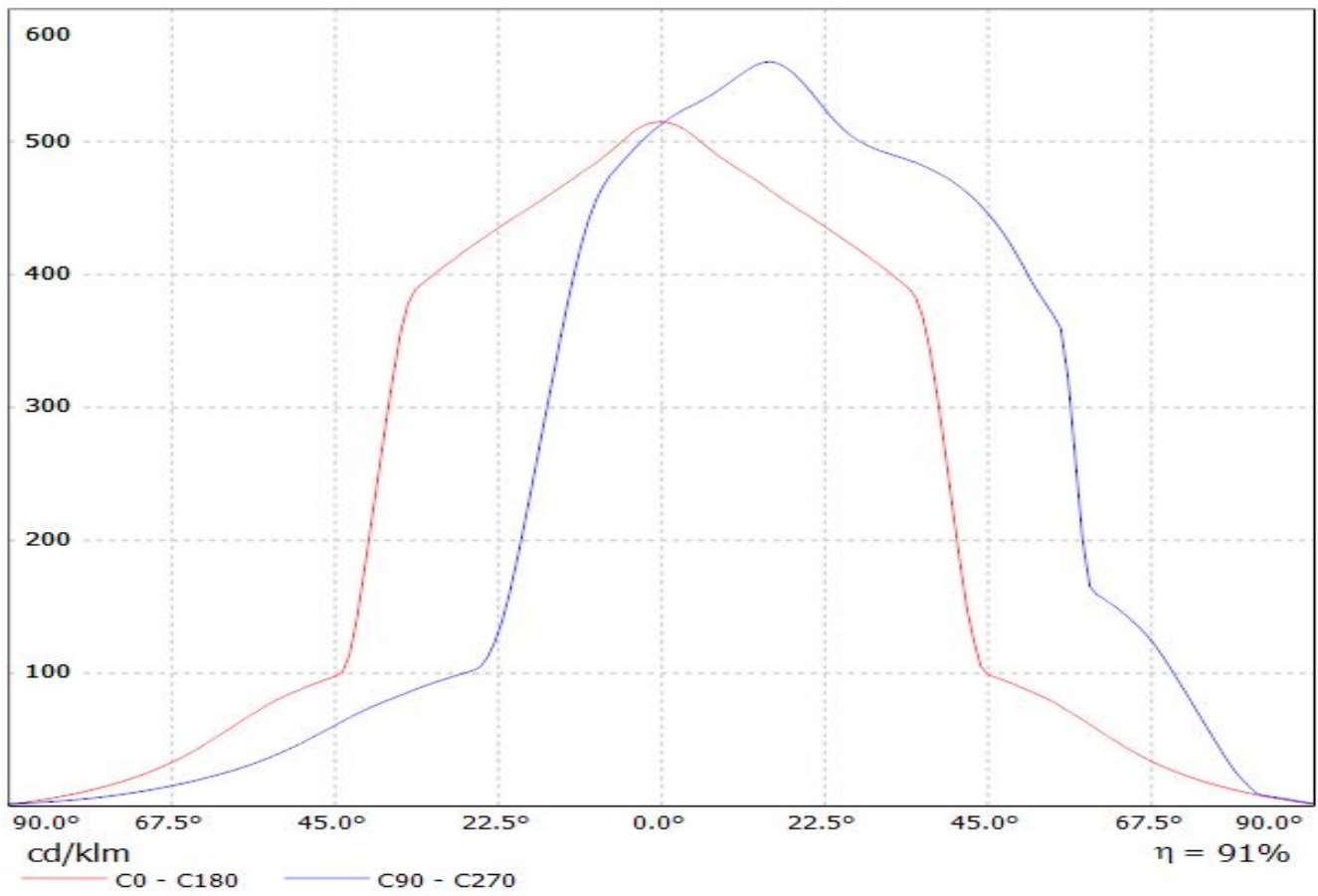


Luminaire: LEDiL Oy CN13372_LENA-X-WAS-DL_(CXM-22) Eff 80.5%
Lamps: 1 x LUMINUS_CXM-22_1215.27lm@250mA_P=7.9903W_CCT=3000K_I=249.9mA



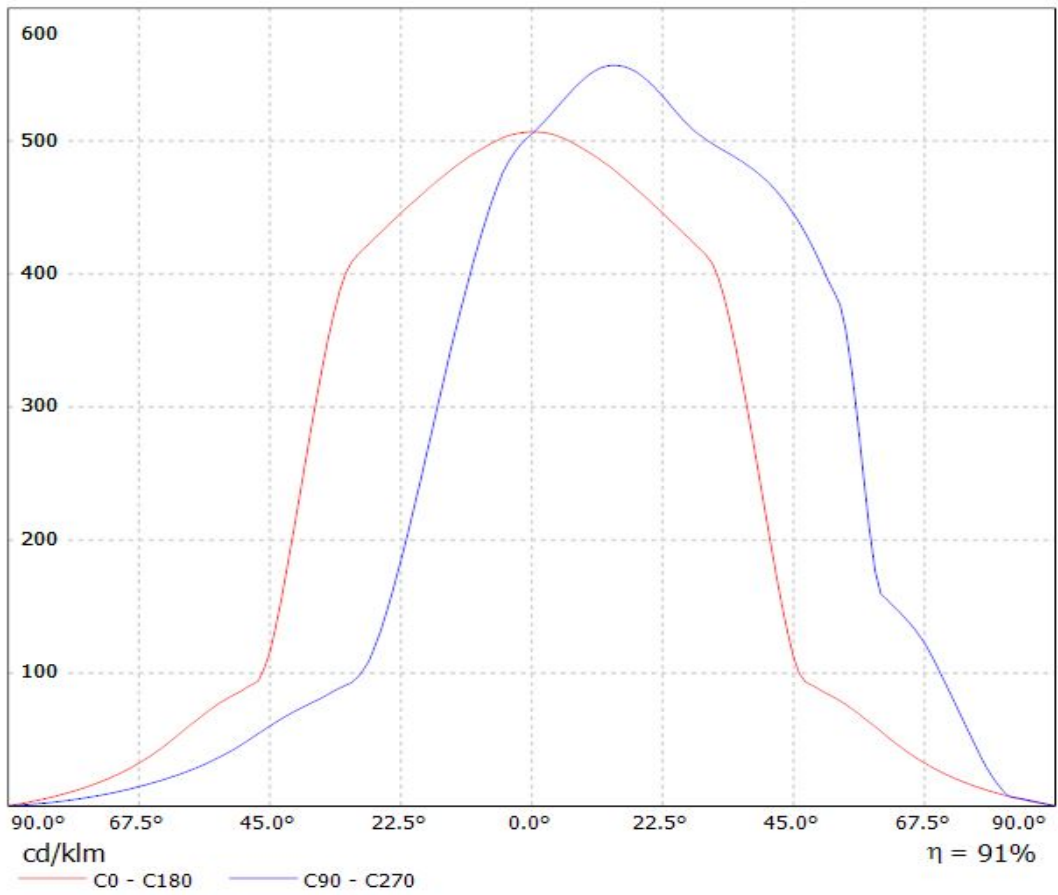
Luminaire: LEDiL Oy CN14085_LENA-X-WAS_(NFCxL036B)

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



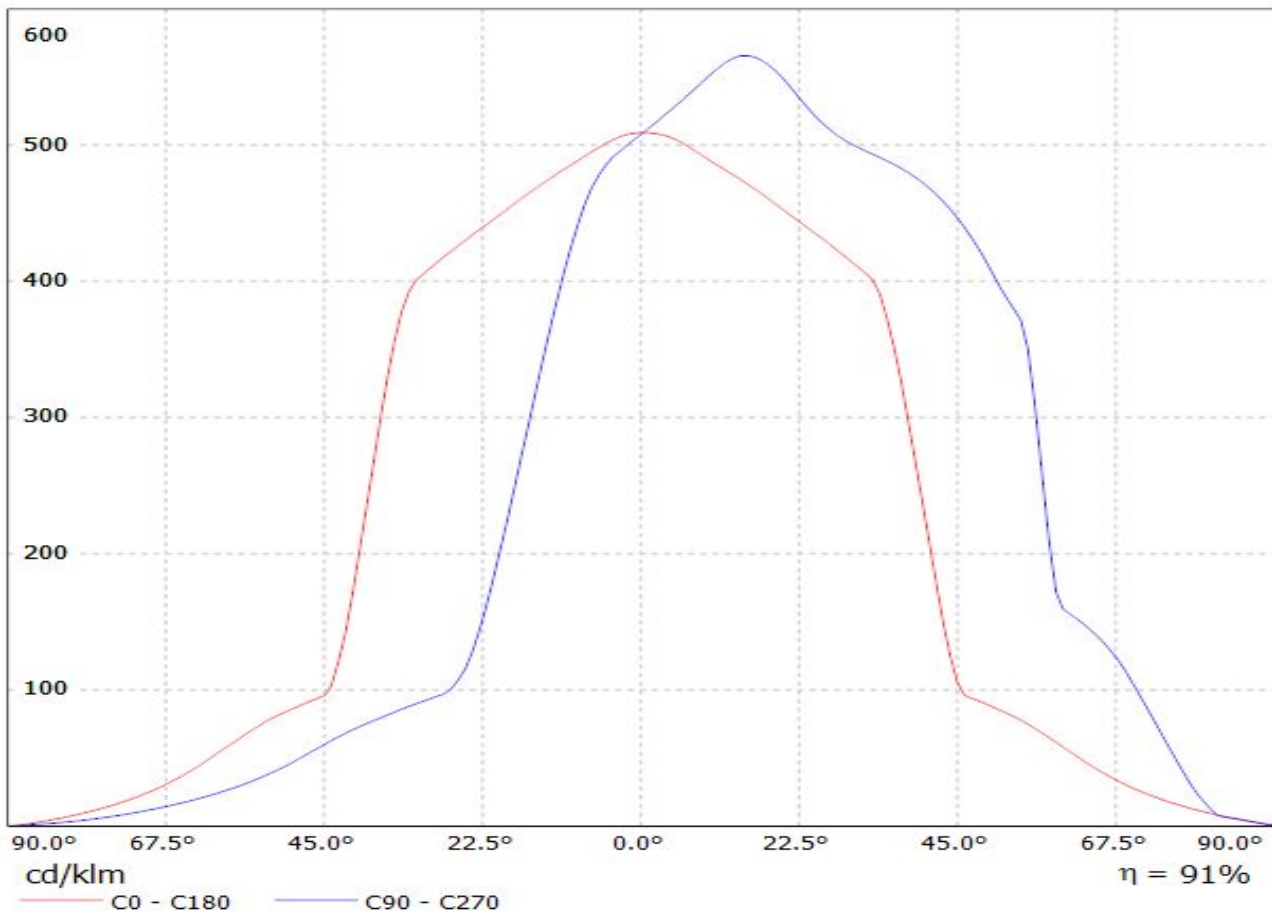
Luminaire: LEDiL Oy CN14085_LENA-X-WAS_(NFDxJ130B)_ (463 Typ_L2)

Lamps: 1 x Nichia_NFDxJ130B_(C13868_LENA-STD-BASE-VERO13-18)_ (463 Typ L2)_ 1441.32lm@250mA_P=8.88913W_I=0.2498A



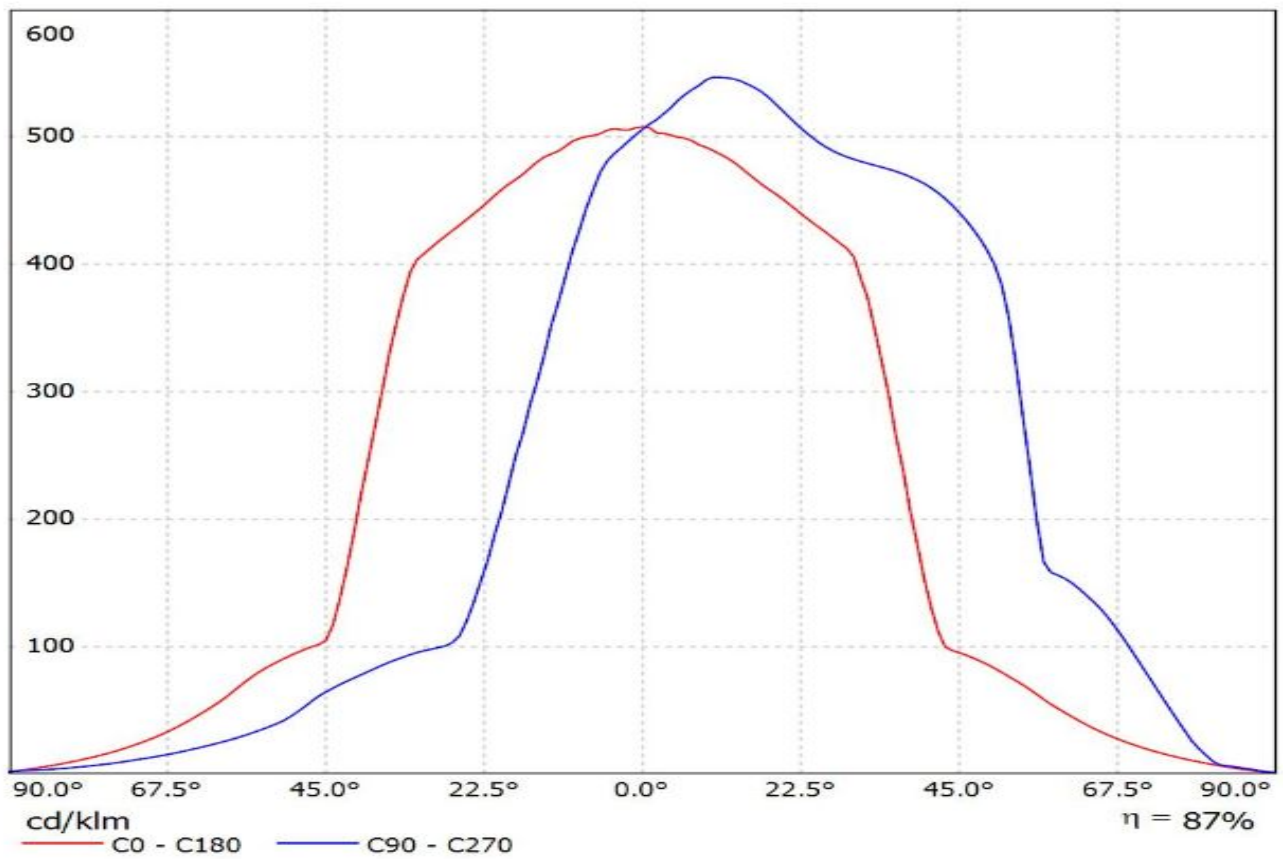
Luminaire: LEDiL Oy CN14085_LENA-X-WAS_(NFCxL060B)

Lamps: 1 x Nichia_NFCxL060B_(SM403G2450R8000)_(438_Typ_L1)_1290.14lm@250mA_P=8.47486W_η=0.2499A



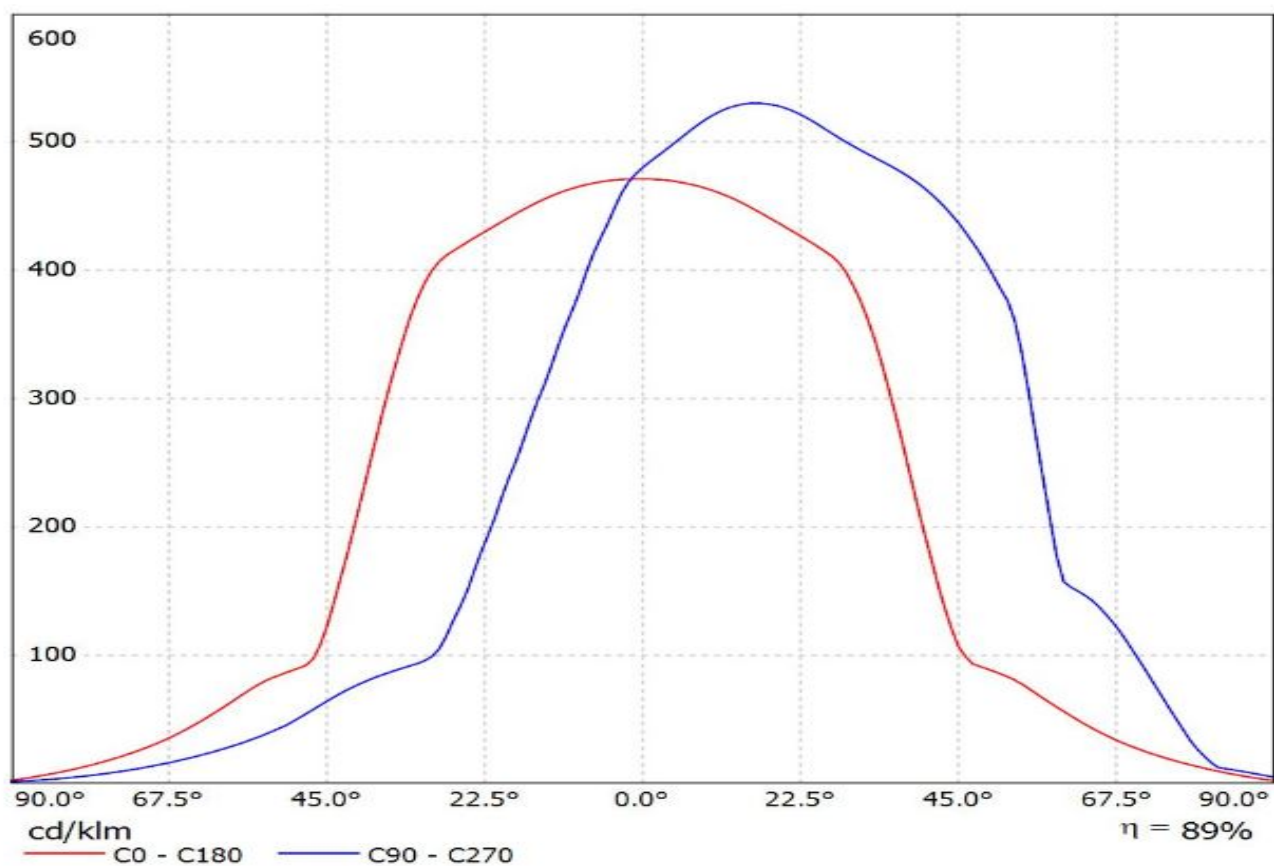
Luminaire: LEDiL Oy C13101_LENA-X-WAS_(SOLERIQ_P13)

Lamps: 1 x SOLERIQ_P13_(GW_MAGMB1.EM)_1018.49lm@250mA_CCT=3000K_P=8.79046W_I=249.8mA



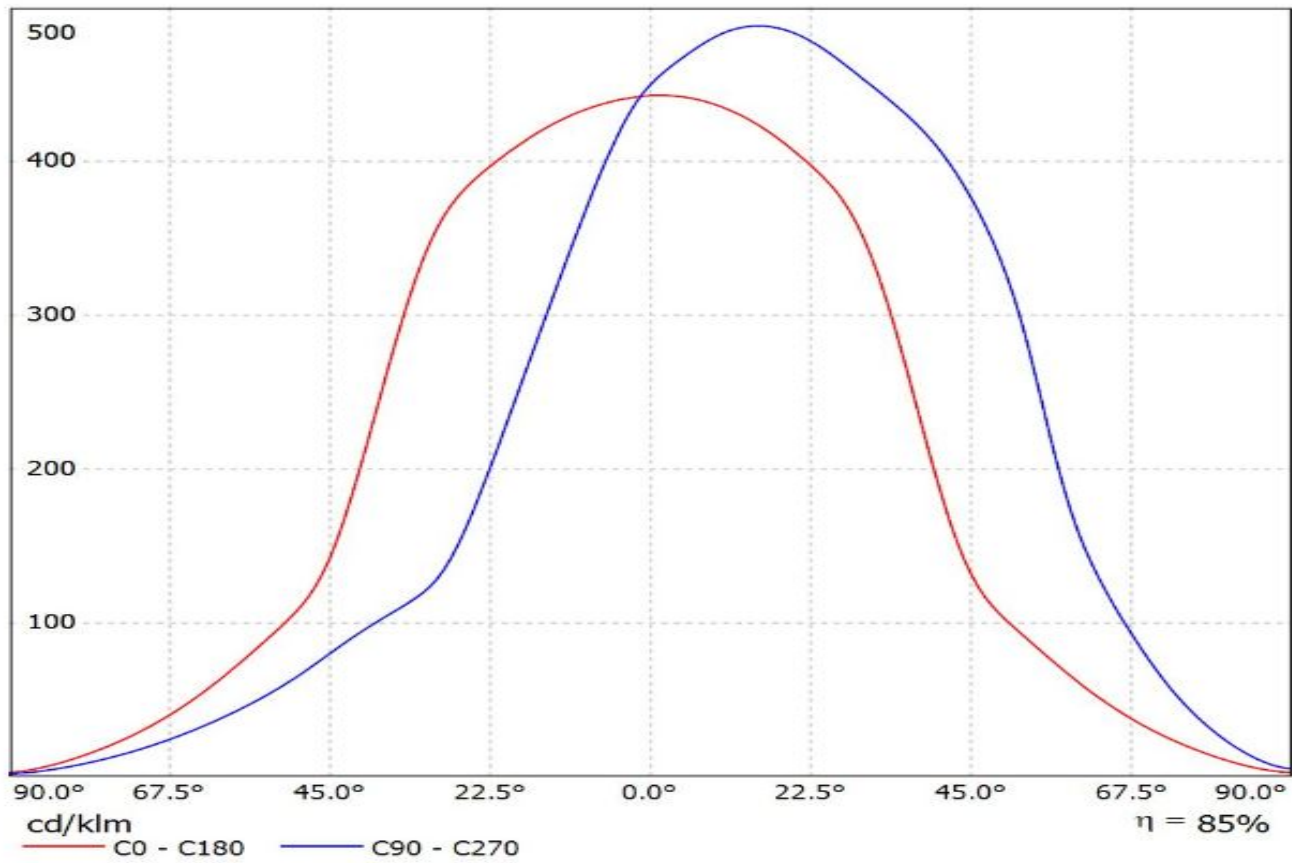
Luminaire: Ledil CN14079_LENA-X-WAS_(S19)

Lamps: 1 x Osram_Soleriq_S19_(GW_KAHJB1.EM)_1620.78lm@250mA_CCT=3000K_P=10.76975W_I=0.25A

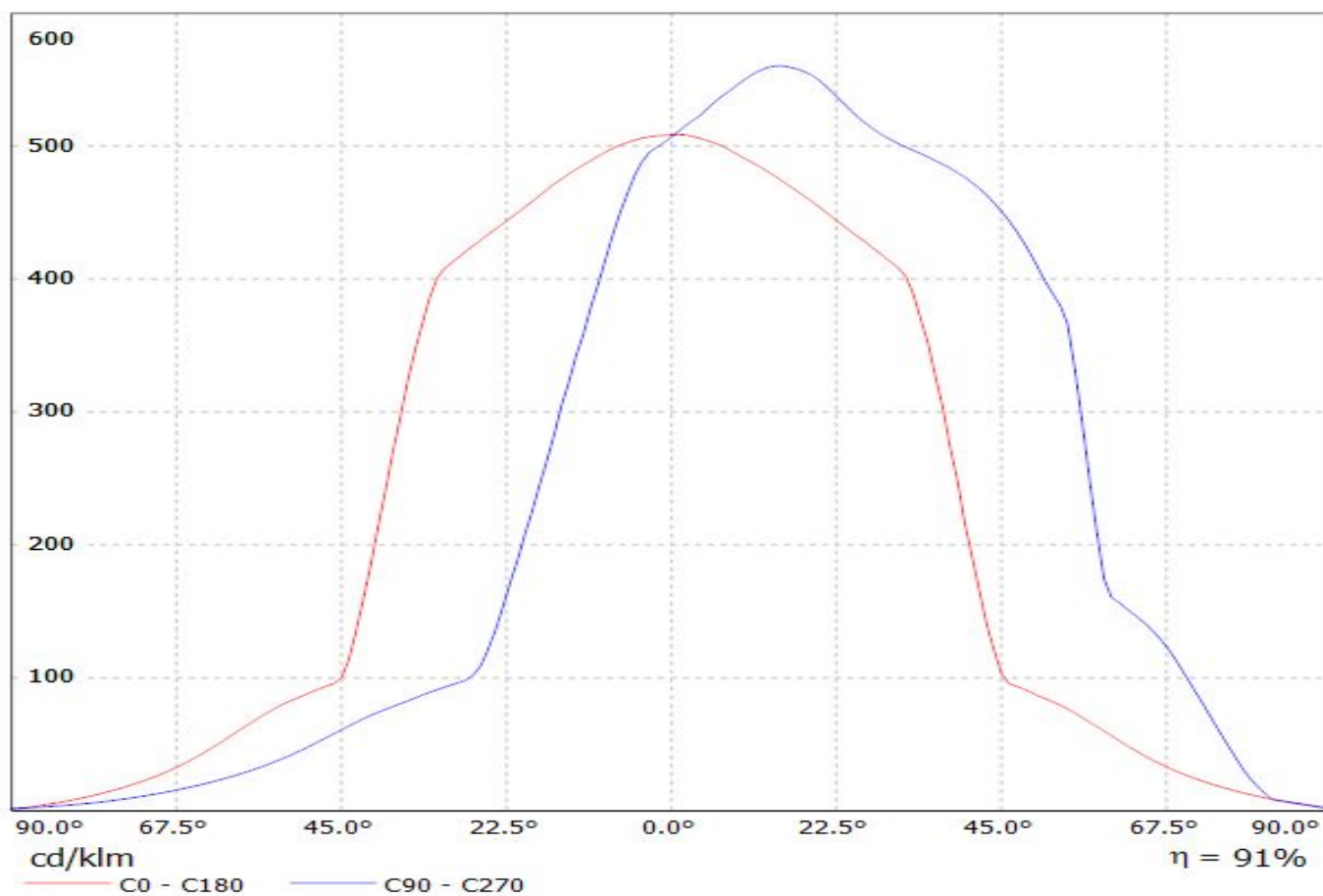


Luminaire: Ledil CN14080_LENA-X-WAS-DL_(S19)

Lamps: 1 x Osram_Solericq_S19_(GW_KAHJB1.EM)_1620.78lm@250mA_CCT=3000K_P=10.76975W_I=0.25A

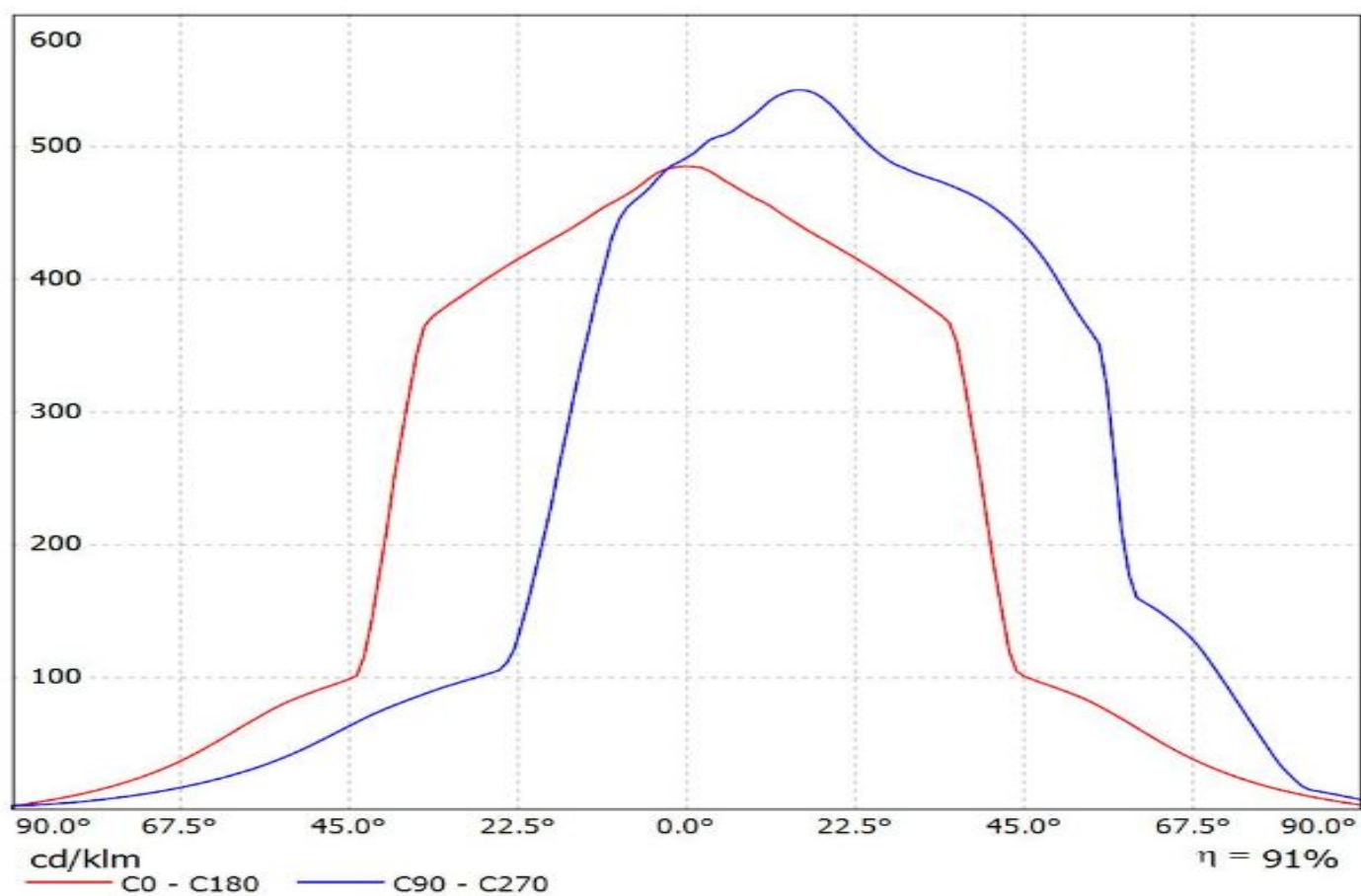


Luminaire: LEDiL Oy CN14085_LENA-X-WAS_(Soleriq_P13)
Lamps: 1 x Osram_Soleriq_P13_912.055lm@250mA_P=8.78946W_I=0.25A



Luminaire: Ledil CN14085_LENA-X-WAS_(Soleriq_P9)

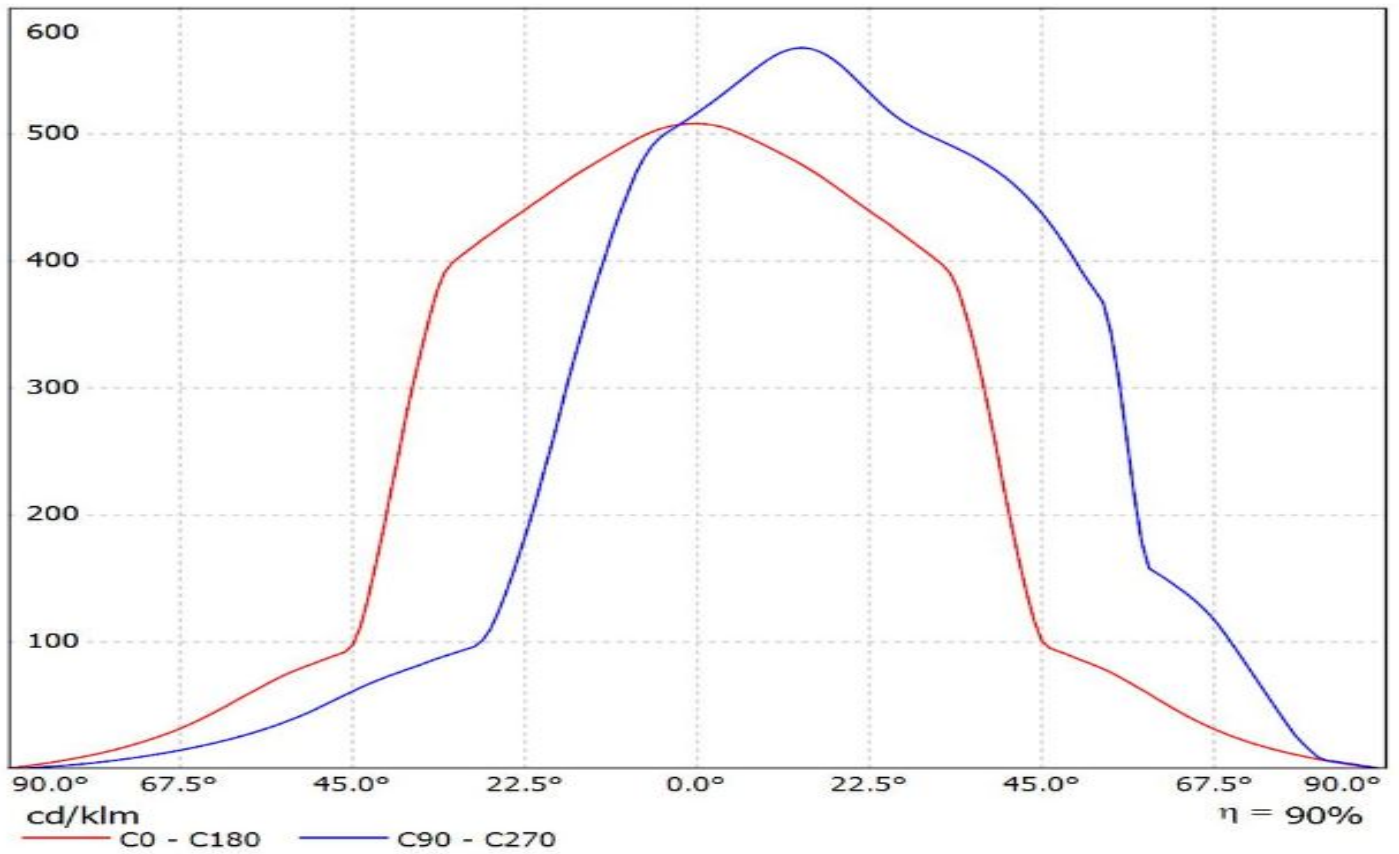
Lamps: 1 x Osram_Soleriq_P9_(GW_MAFJB1.EM)_975.439lm@250mA_CCT=4299K_P=6.9W_I=0.25A



Ledil CN14085_LENA-X-WAS_(Soleriq_S13) / LDC (Linear)

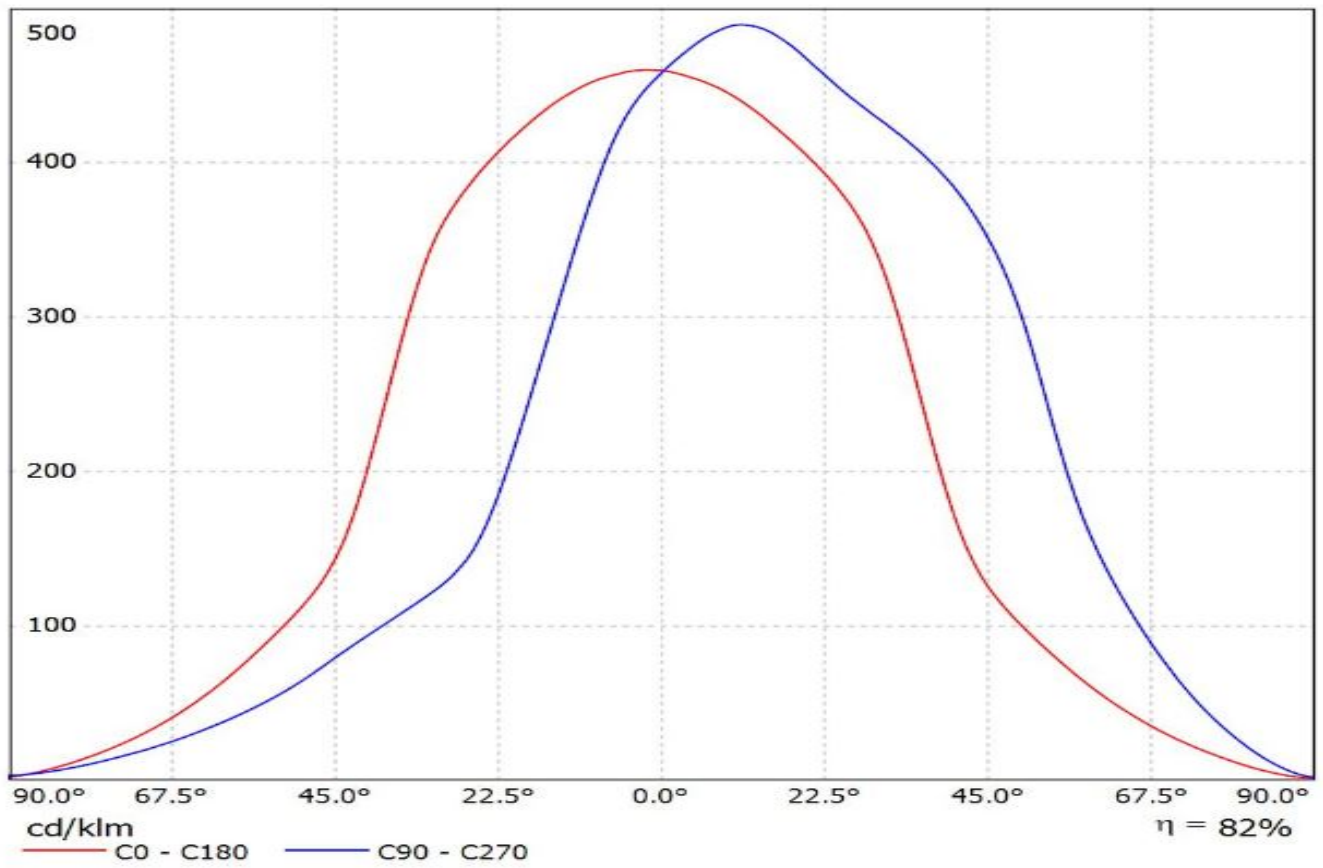
Luminaire: Ledil CN14085_LENA-X-WAS_(Soleriq_S13)

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

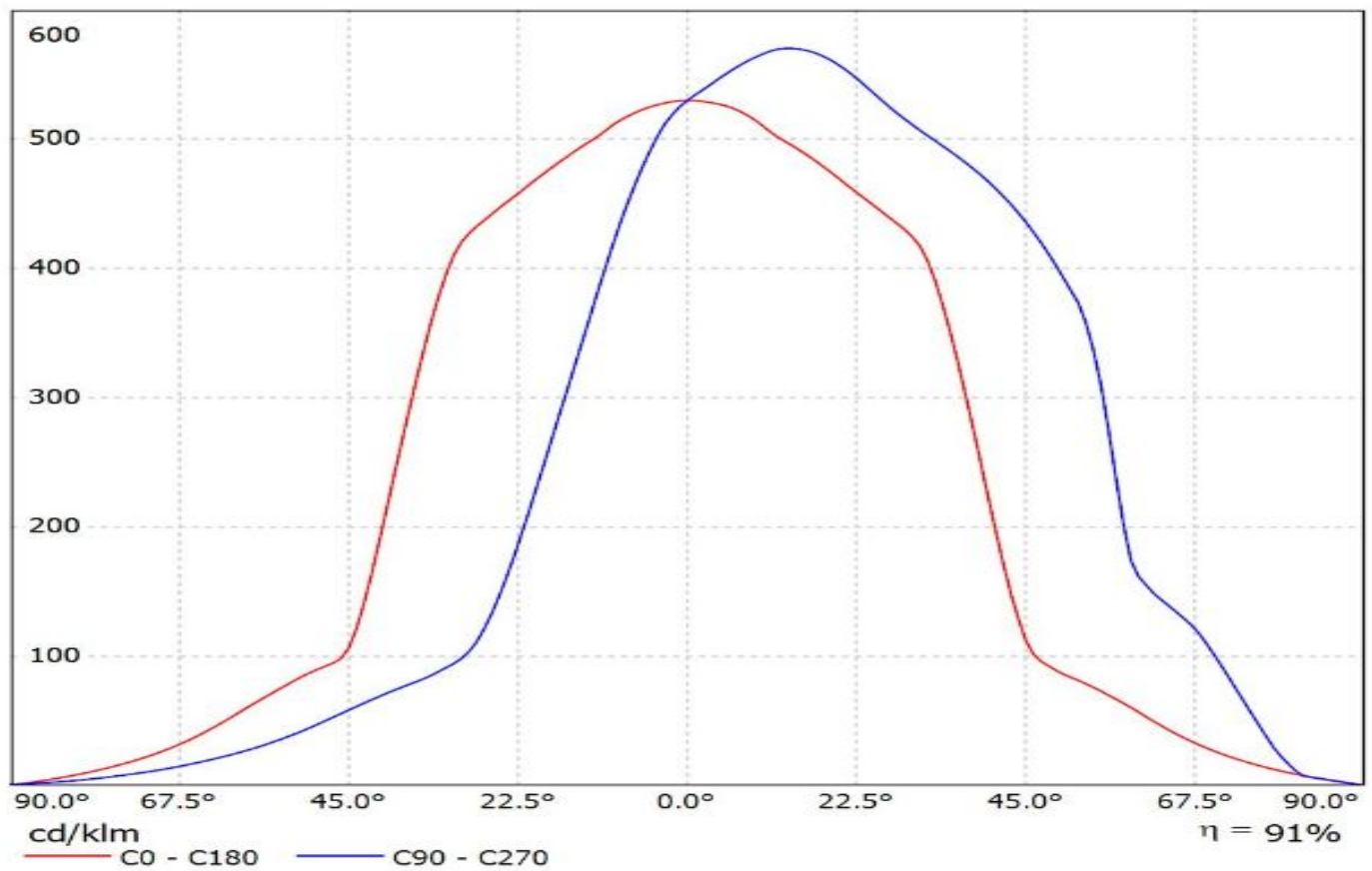


Luminaire: LEDiL Oy CN14581_LENA-X-WAS-DL_(SOLERIQ_P13)

Lamps: 1 x SOLERIQ_P13_(GW_MAGMB1.EM)_1018.49lm@250mA_CCT=3000K_P=8.79046W_I=249.8mA

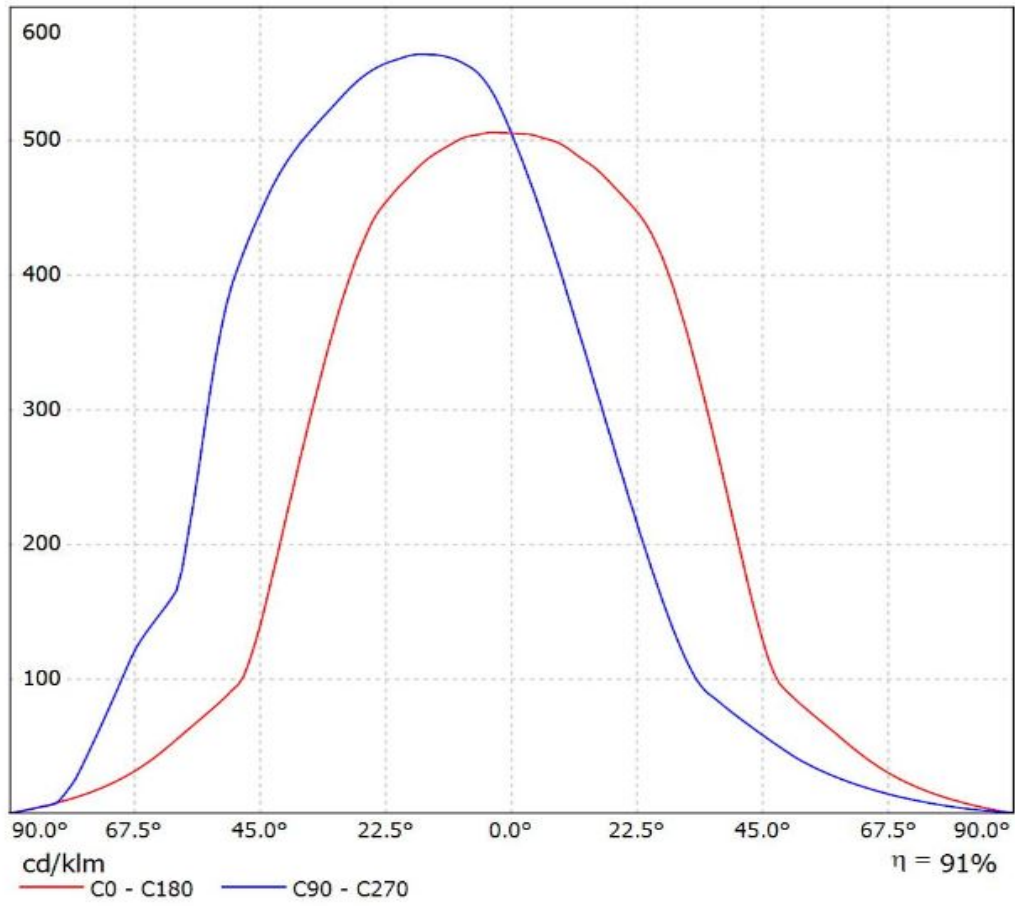


Luminaire: Ledil CN13369_LENA-X-WAS_(COB-D_LES_14.5mm)
Lamps: 1 x Samsung_COB-D_Series_LES_14.5mm_(LC026D)
+_C12691_1263.51lm@250mA_CCT=3000K_P=8.1565W_I=0.25A



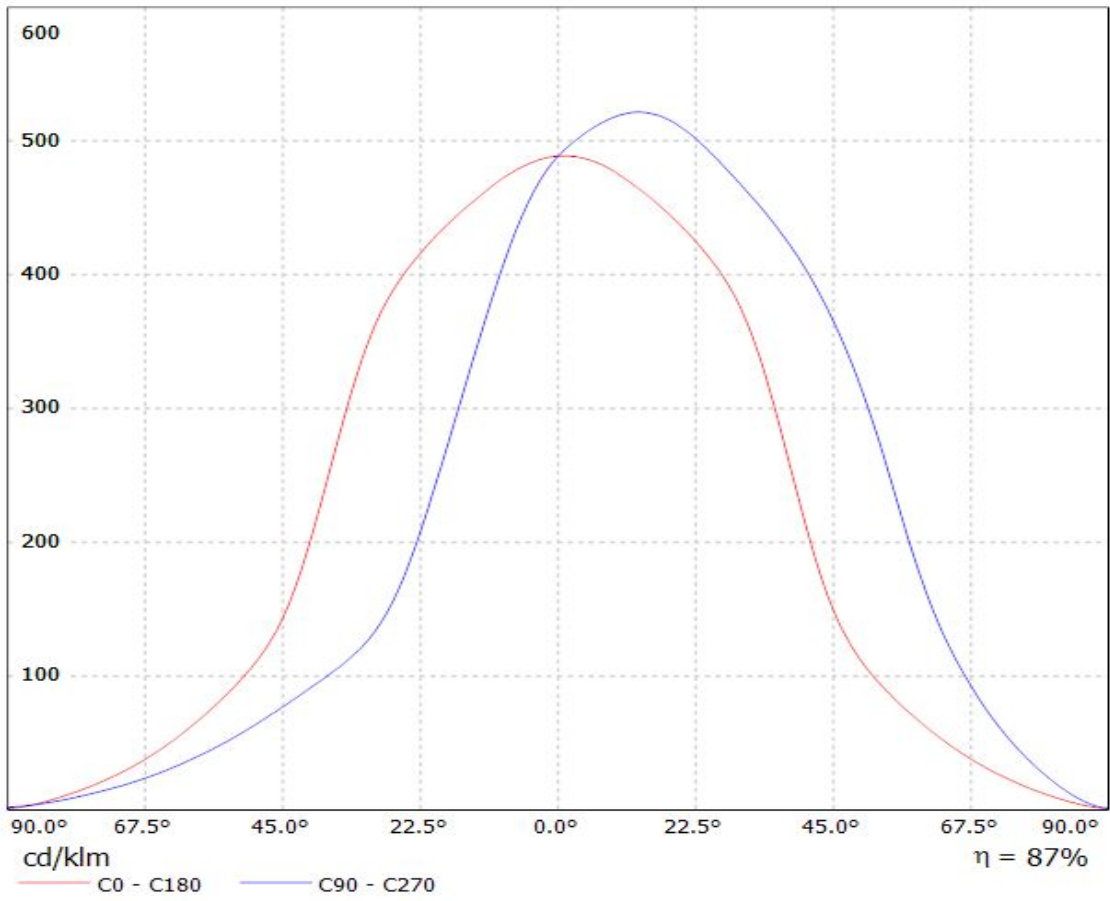
Luminaire: Ledil CN13370_LENA-X-WAS_(COB_D_LES_22mm)

Lamps: 1 x Samsung_COB_D_LES_22mm_(SPHWHAHDNK25YZT3D1)+C12692_1511.79lm@250mA_CCT=4000K_P=8.0675W_I=0.250A



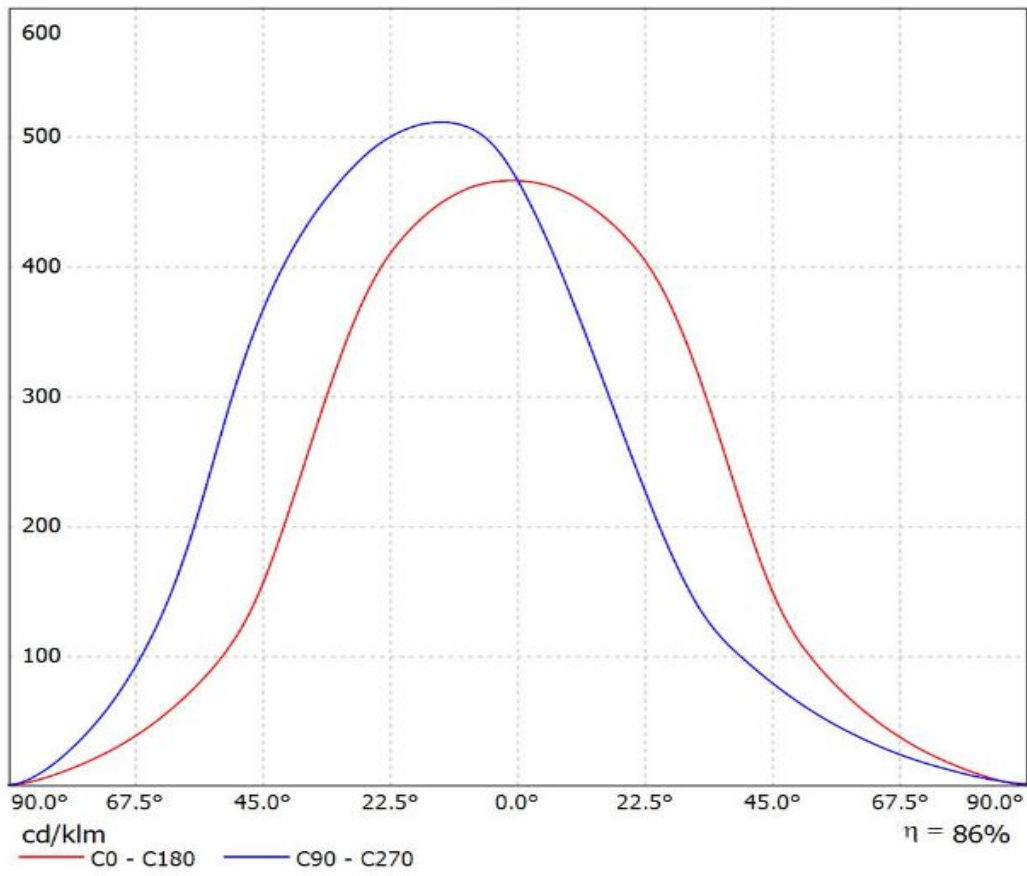
Luminaire: Ledil CN13371_LENA-X-WAS-DL (COB-D_LES_14.5mm)

Lamps: 1 x Samsung_COB-D_Series_LES_14.5mm_(LC026D)_+C12691_1263.51lm@250mA_CCT=3000K_P=8.1565W_I=0.25A

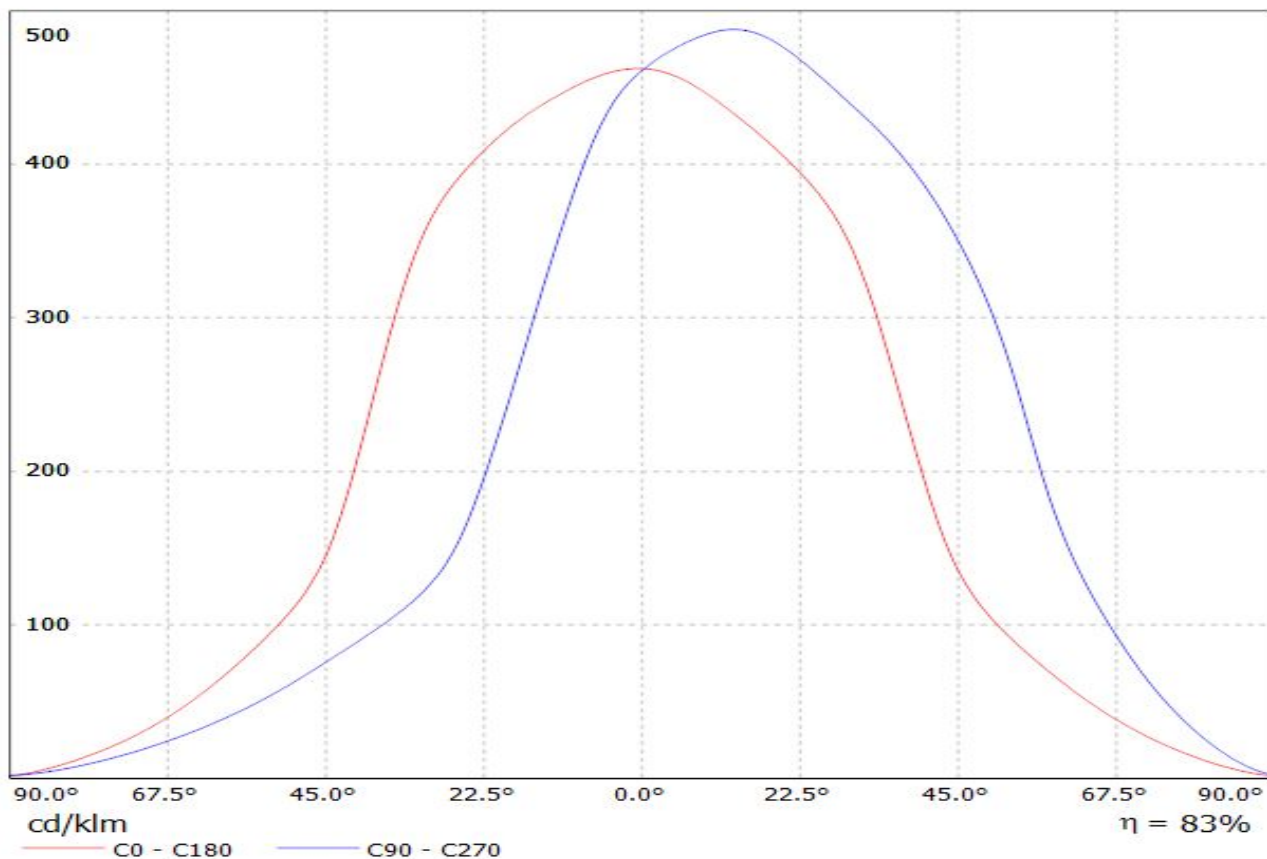


Luminaire: Ledil CN13372_LENA-X-WAS-DL_(COB_D_LES_22mm)

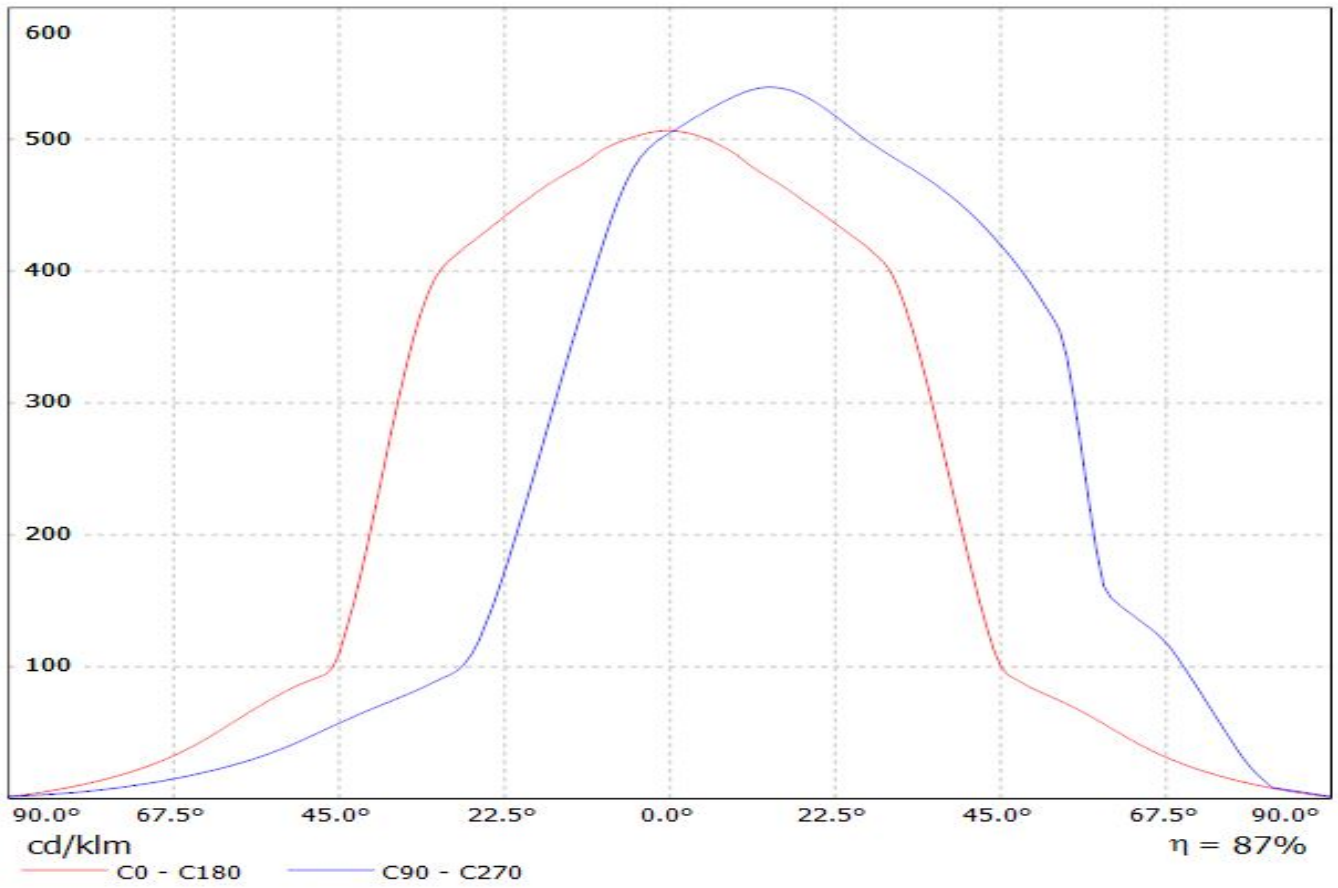
Lamps: 1 x Samsung_COB_D_LES_22mm_(SPHWHAHDNK25YZT3D1)+C12692_1511.79lm@250mA_CCT=4000K_P=8.0675W_I=0.250A



Luminaire: LEDiL Oy CN13457_LENA-X-WAS-DL (Megazenigata_GW6D) Eff.83.1%
Lamps: 1 x SHARP_Megazenigata_(GW6DMC40NFC)_1085.92lm@250mA_P=8.49295W_I=249.8mA

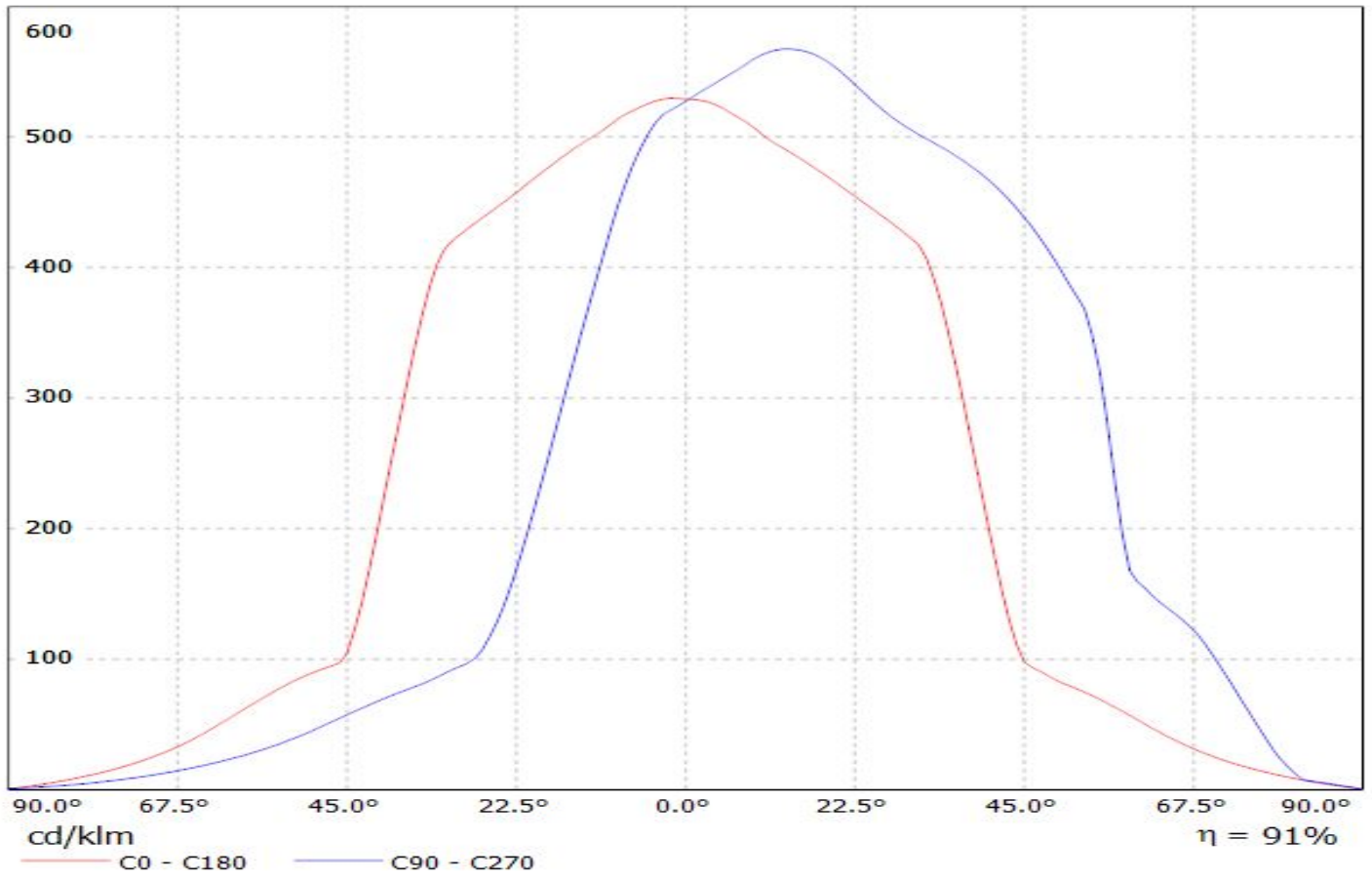


Luminaire: LEDiL Oy CN13461_LENA-X-WAS_(Megazenigata_GW6D) Eff.87.5%
Lamps: 1 x SHARP_Megazenigata_(GW6DMC40NFC)_1085.92lm@250mA_P=8.49295W_I=249.8mA

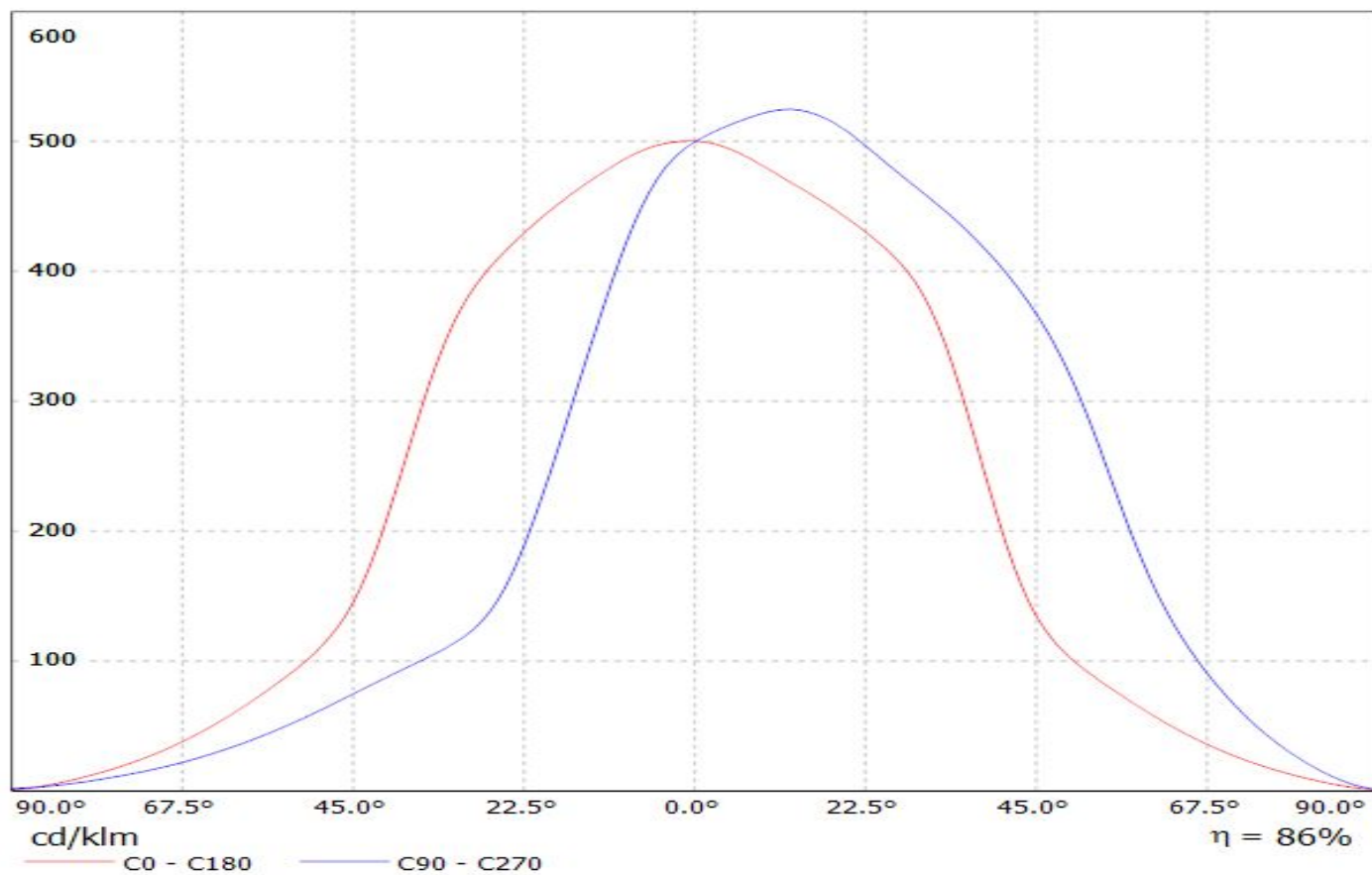


Luminaire: LEDiL Oy CN13369_LENA-X-WAS_(SLE-G5_LES-15)

Lamps: 1 x Tridonic_SLE-G5_LES-15_1262.59lm@250mA_P=8.8389W_I=0.250A

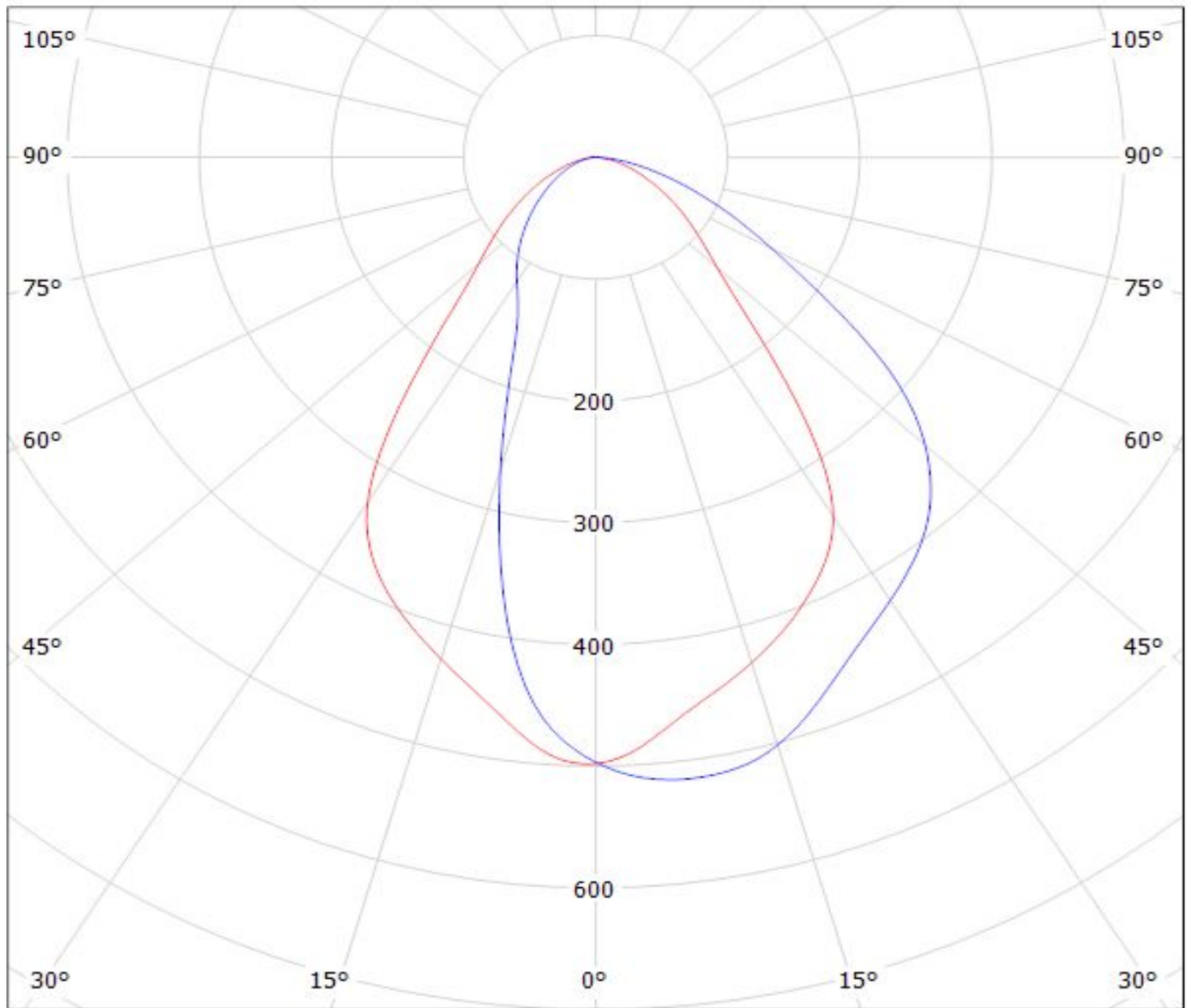


Luminaire: LEDiL Oy CN13371_LENA-X-WAS-DL_(SLE-G5_LES-15)
Lamps: 1 x Tridonic_SLE-G5_LES-15_1262.59lm@250mA_P=8.8389W_I=0.250A



Luminaire: LEDiL Oy CN13249_LENA-X-WAS-DL_(V10)

Lamps: 1 x Bridgelux_V10_(BXRE-30E1000B-X2)_762.838lm@250mA_P=6.3117W_I=249.8mA



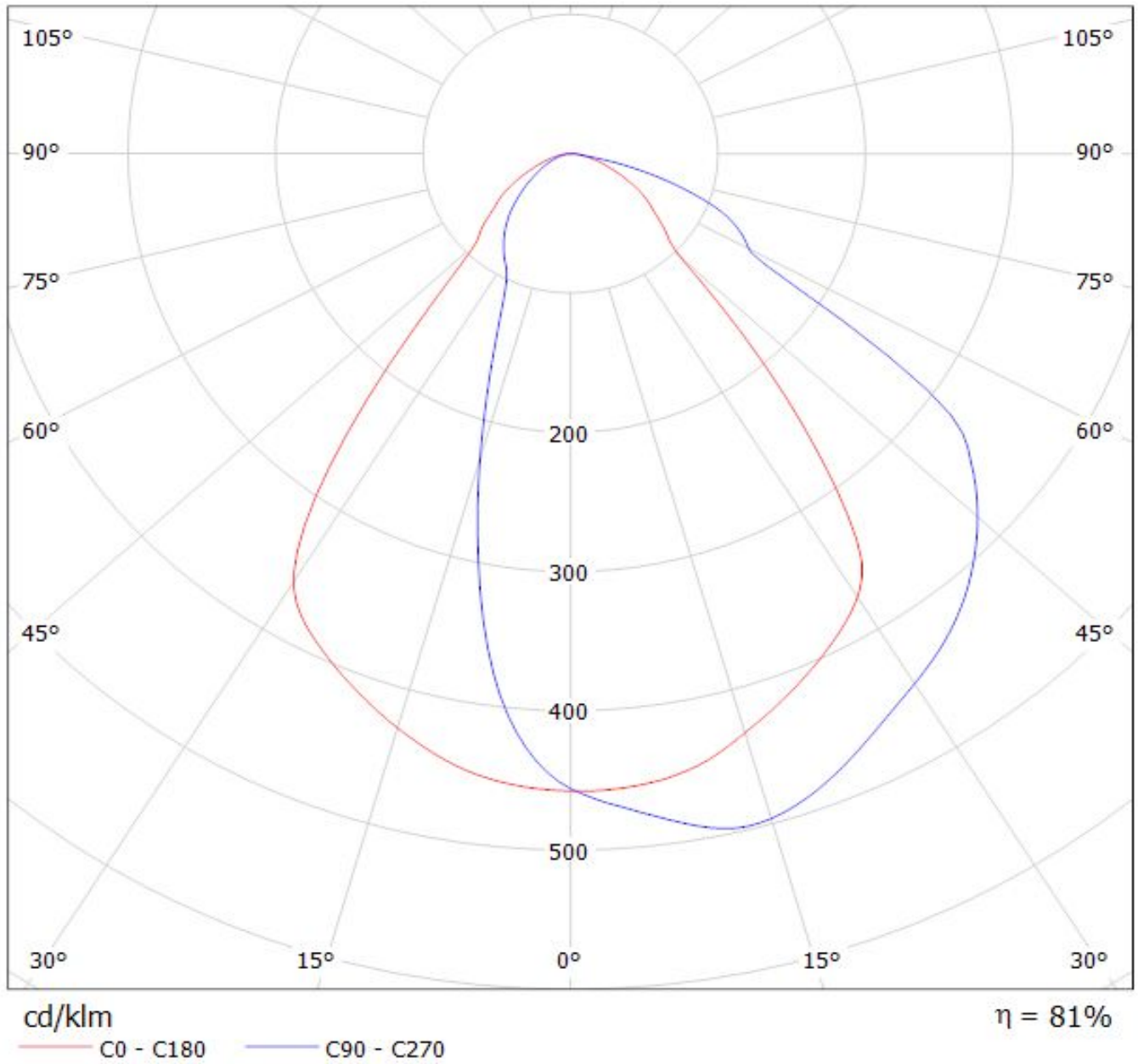
cd/klm

— C0 - C180

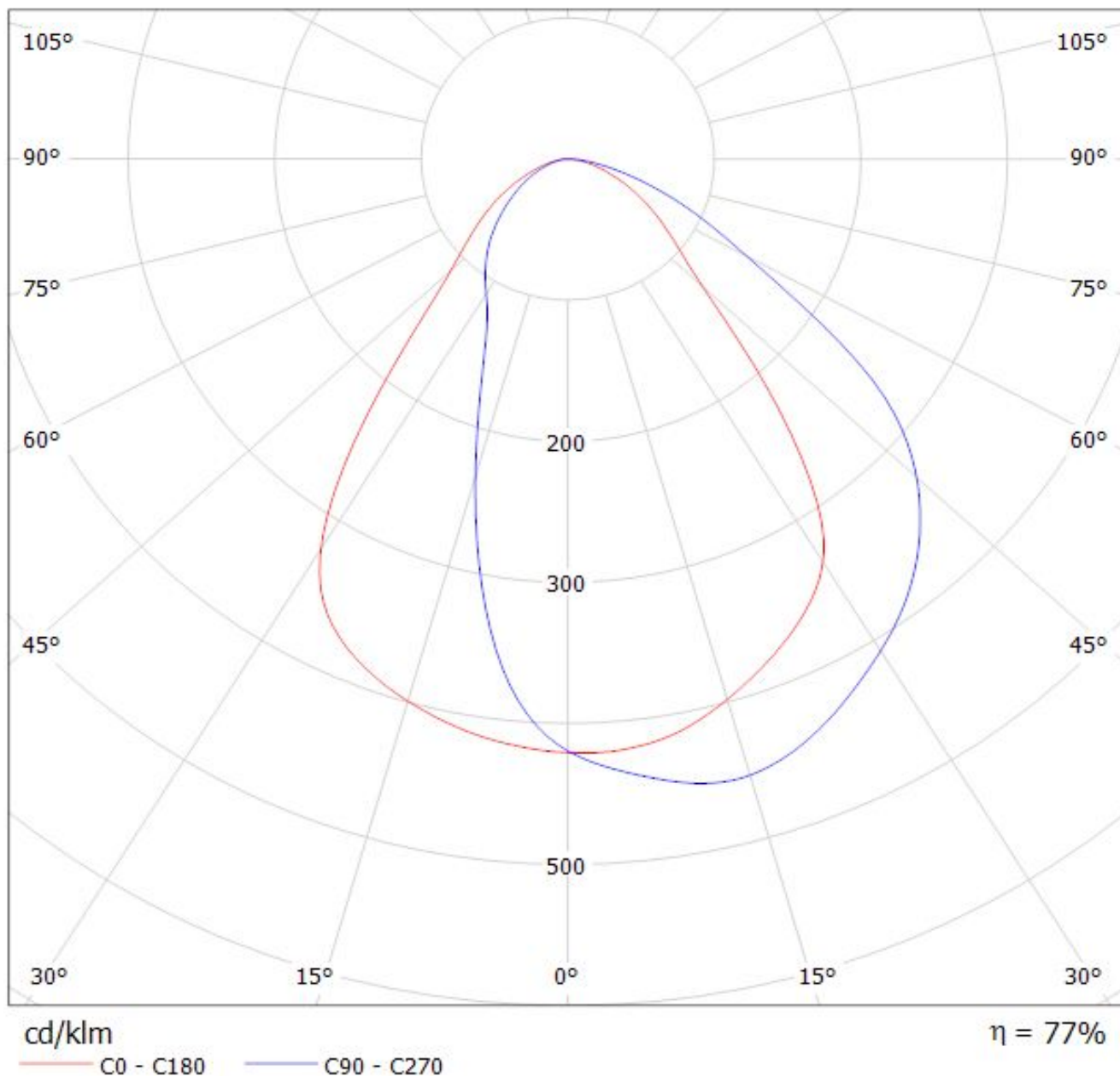
— C90 - C270

$\eta = 82\%$

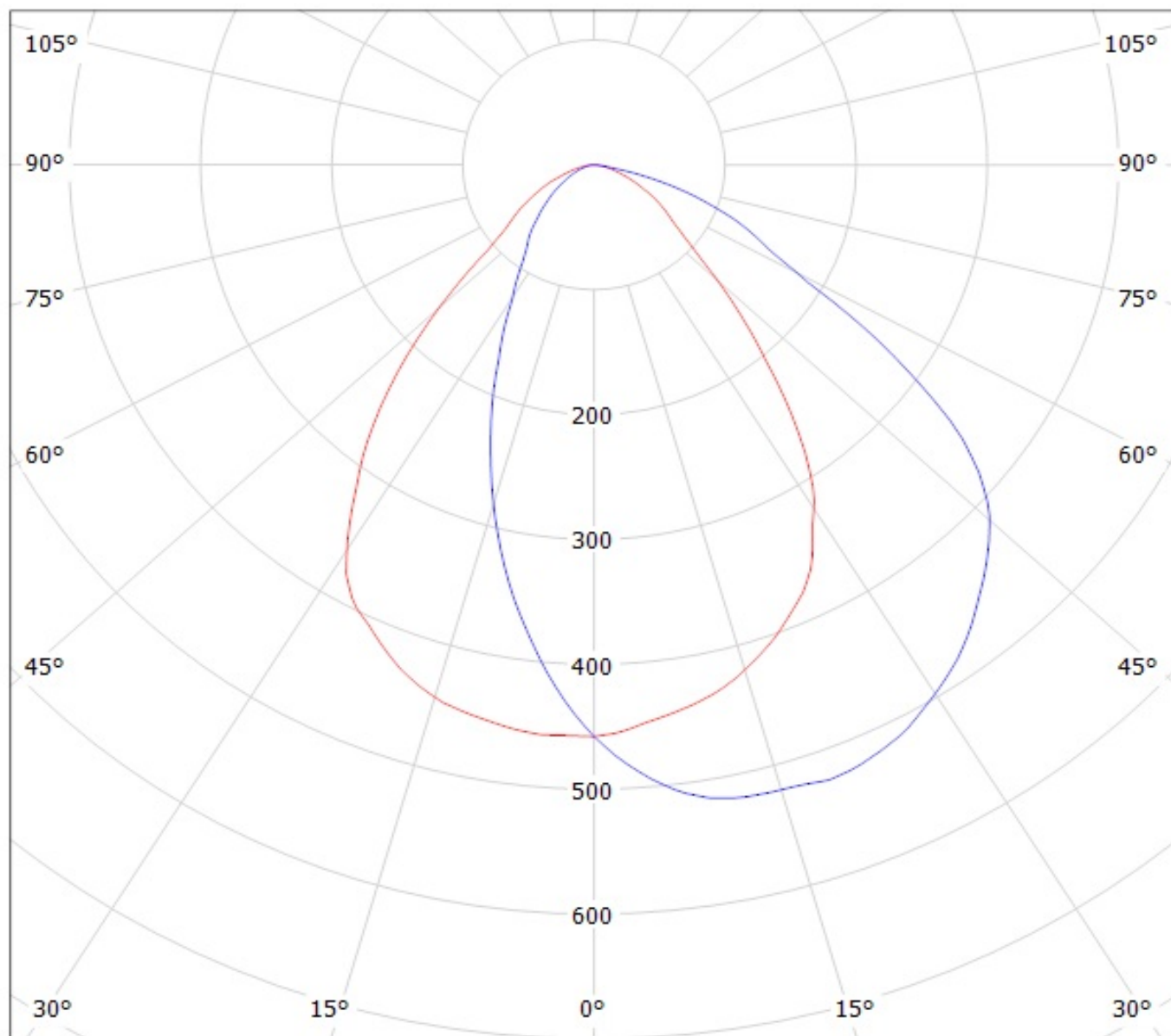
Luminaire: LEDiL Oy CN13368_LENA-X-WAS_(BXRA_ES) Eff.80.5%
Lamps: 1 x BXRA-W1203 (297.805lm@250mA)



Luminaire: LEDiL Oy CN13375_LENA-X-WAS-DL_(BXRA_ES) Eff.76.6%
Lamps: 1 x BXRA-W1203 (297.805lm@250mA)



Luminaire: Ledil Oy CN13448_LENA-X-WAS (Bridgelux RS 591lm @ 250mA) Efficiency=87%
Lamps: 1 x Bridgelux RS 591lm @ 250mA

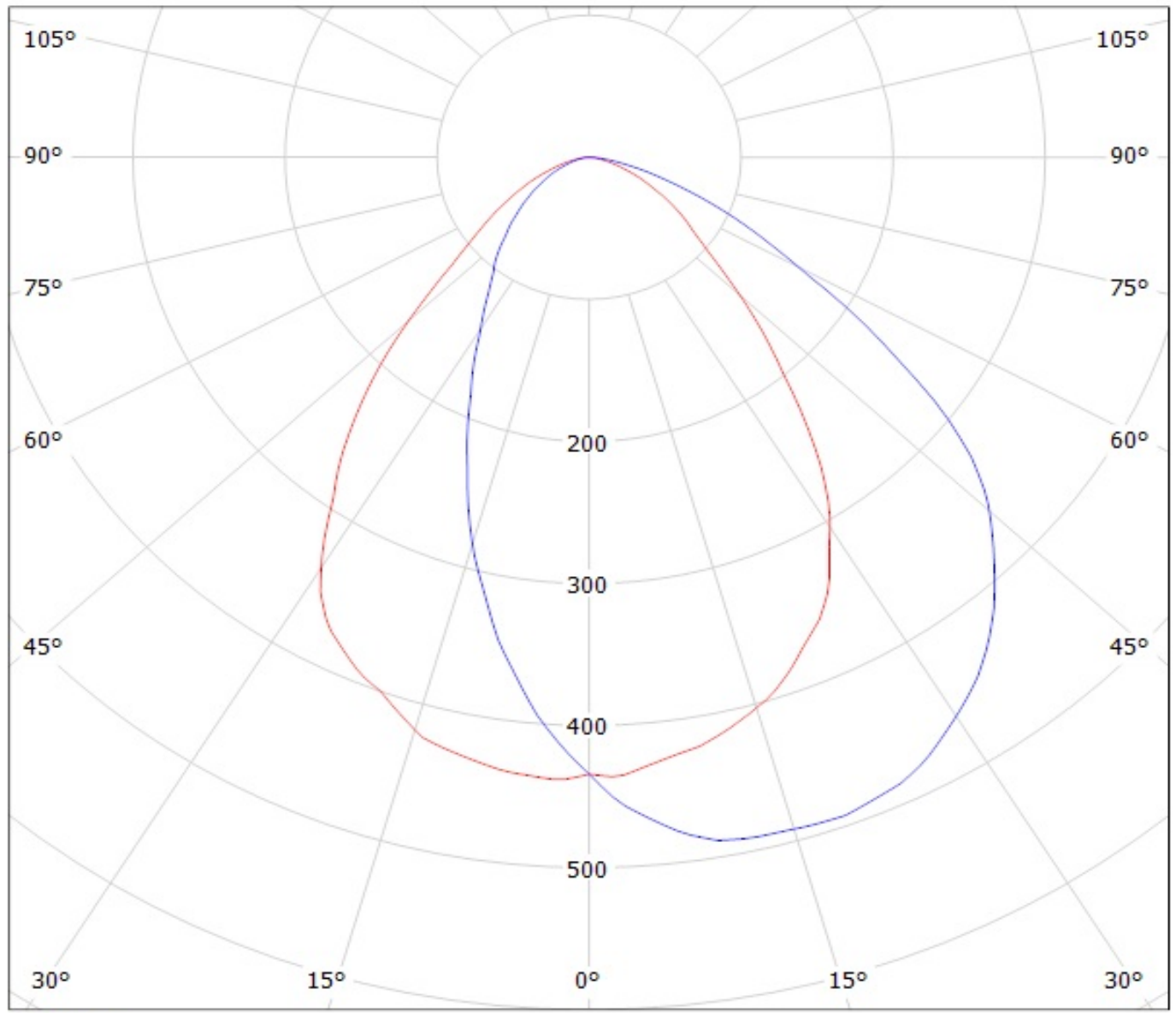


cd/klm

— C0 - C180

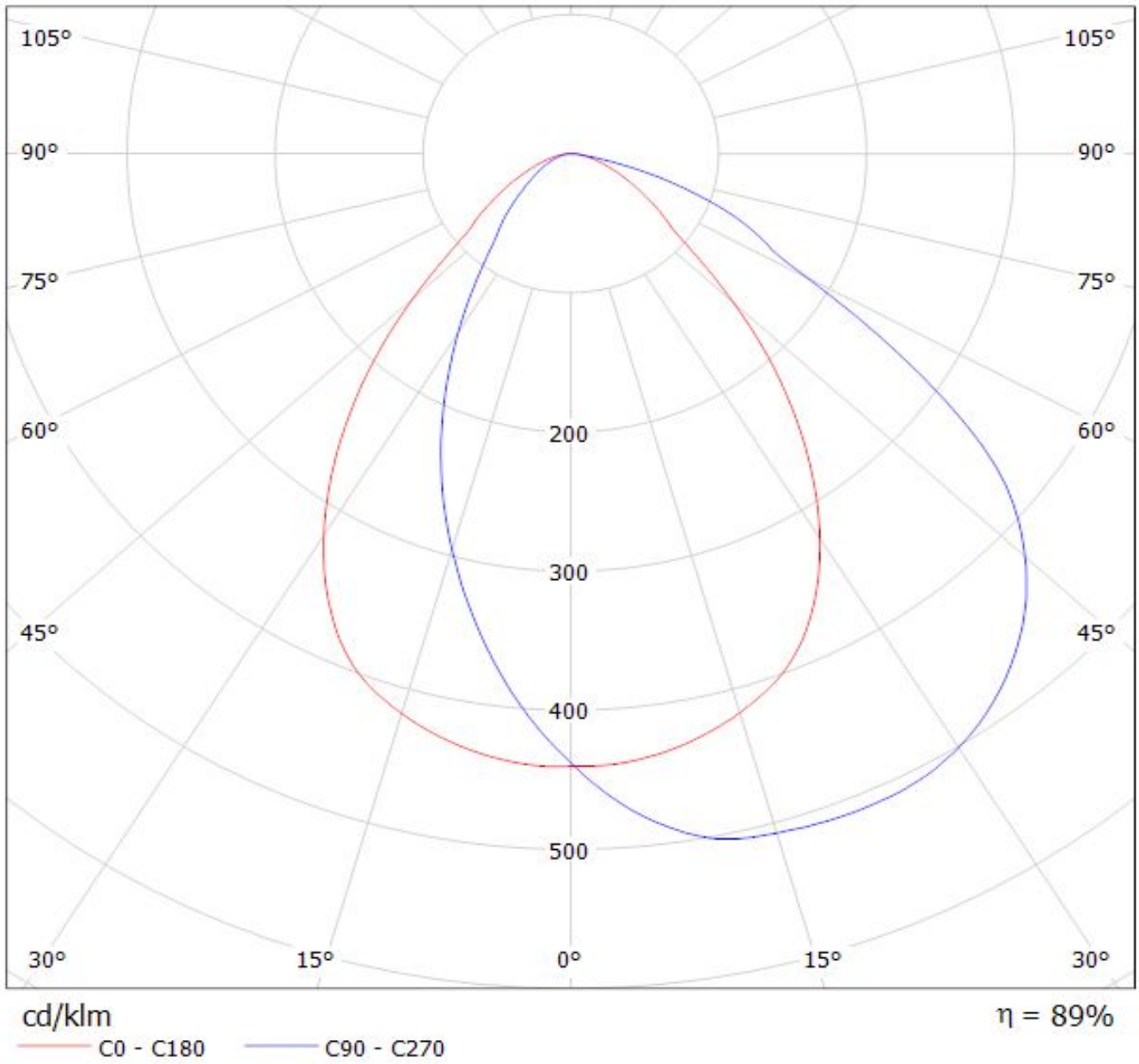
— C90 - C270

Luminaire: Ledil Oy CN13449_LENA-X-WAS-DL (Bridgelux RS 591lm @ 250mA) Efficiency=83%
Lamps: 1 x Bridgelux RS 591lm @ 250mA



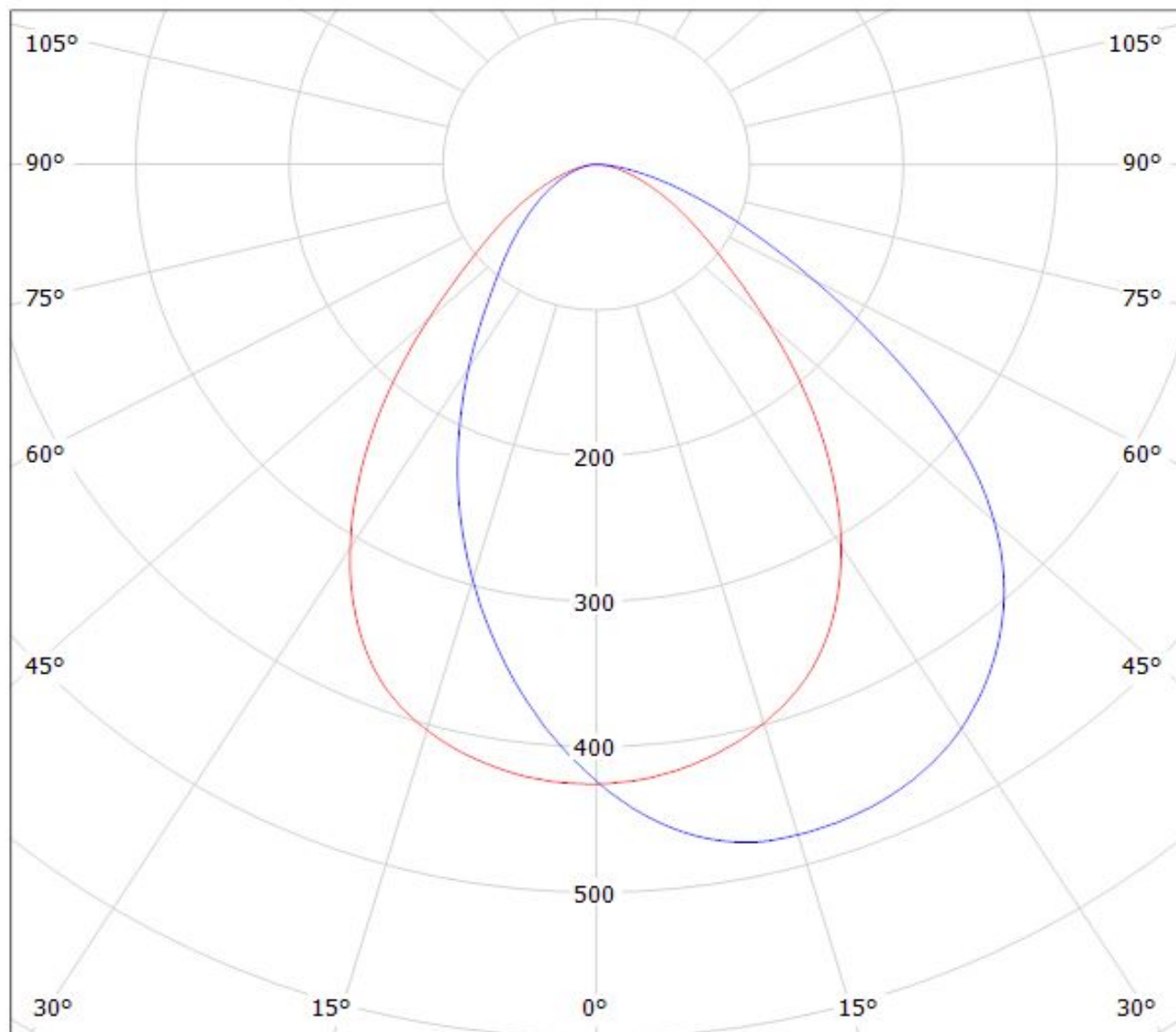
cd/klm
— C0 - C180 — C90 - C270

Luminaire: LEDiL Oy CN14079_LENA-X-WAS_(VERO29) Eff. 89%
Lamps: 1 x BRIDGELUX_VERO29_(BXRC-50C10K0-L-04)_569.136lm@250mA_P=3.4022W_I=100.1mA



Luminaire: LEDiL Oy CN14080_LENA-X-WAS-DL_(VERO29)

Lamps: 1 x BRIDGELUX_VERO29_(BXRC-50C10K0-L-04)_569.136lm@250mA_P=3.4022W_I=100.1mA



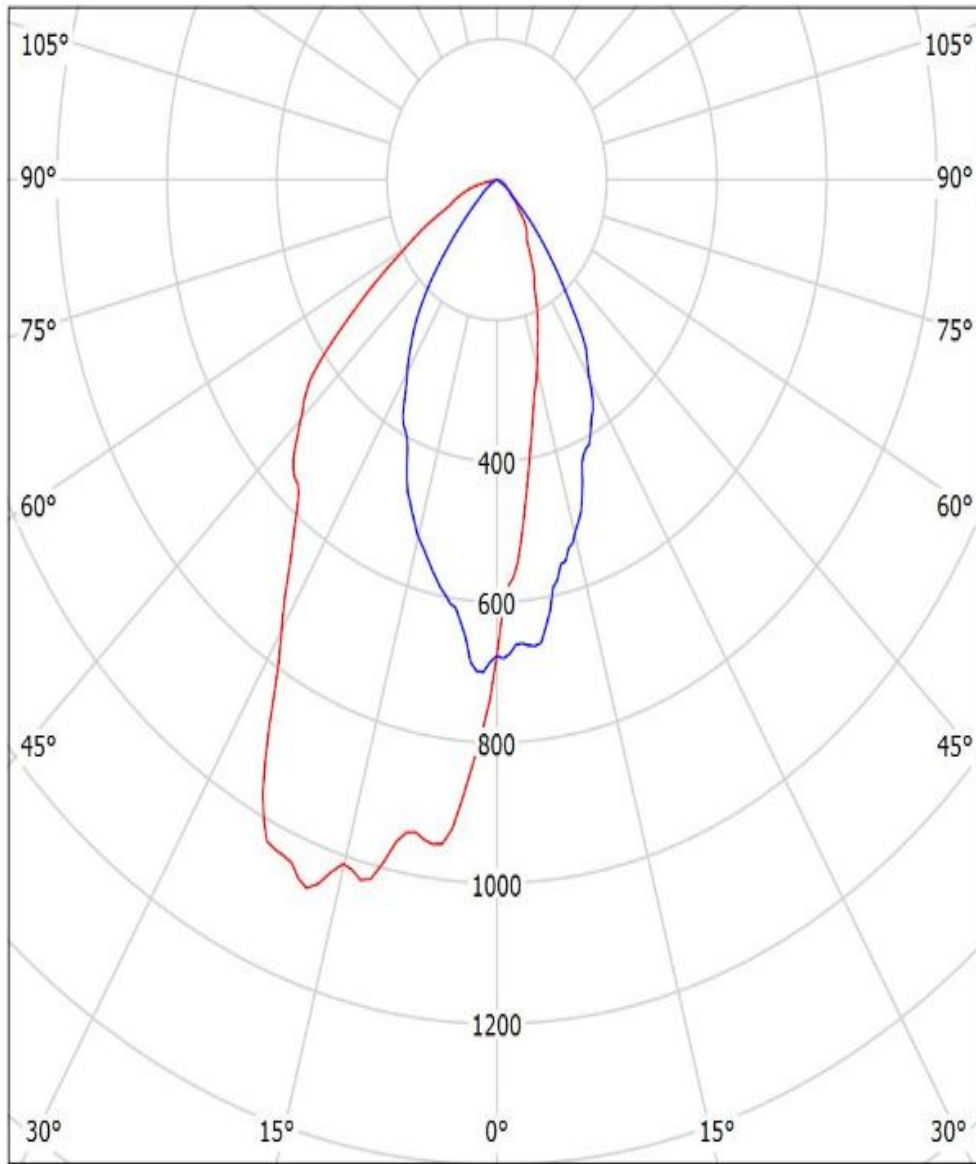
cd/klm

— C0 - C180

— C90 - C270

$\eta = 84\%$

Luminaire: Ledil Oy CN14080_LENA-X-WAS-DL_Bridgelux_V22_Gen7_SIMULATED CN14080_LENA-X-WAS-DL_Bridgelux_V22_Gen7_SIMULATED
Lamps: 1 x CN14080_LENA-X-WAS-DL_Bridgelux_V22_Gen7_SIMULATED



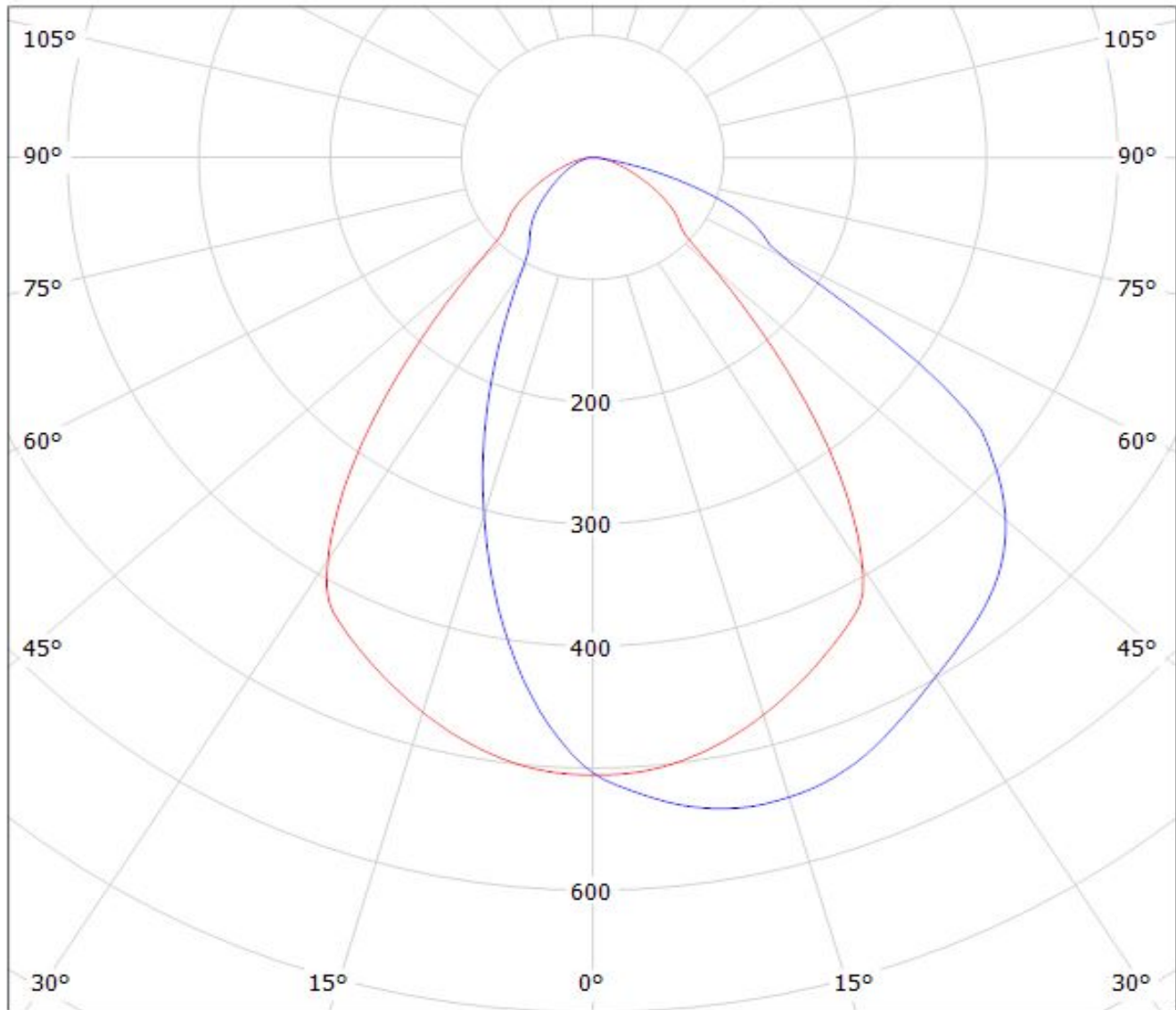
cd/klm

— C0 - C180 — C90 - C270

$\eta = 91\%$

Luminaire: LEDiL Oy CN14085_LENA-X-WAS_(VERO18)

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



cd/klm

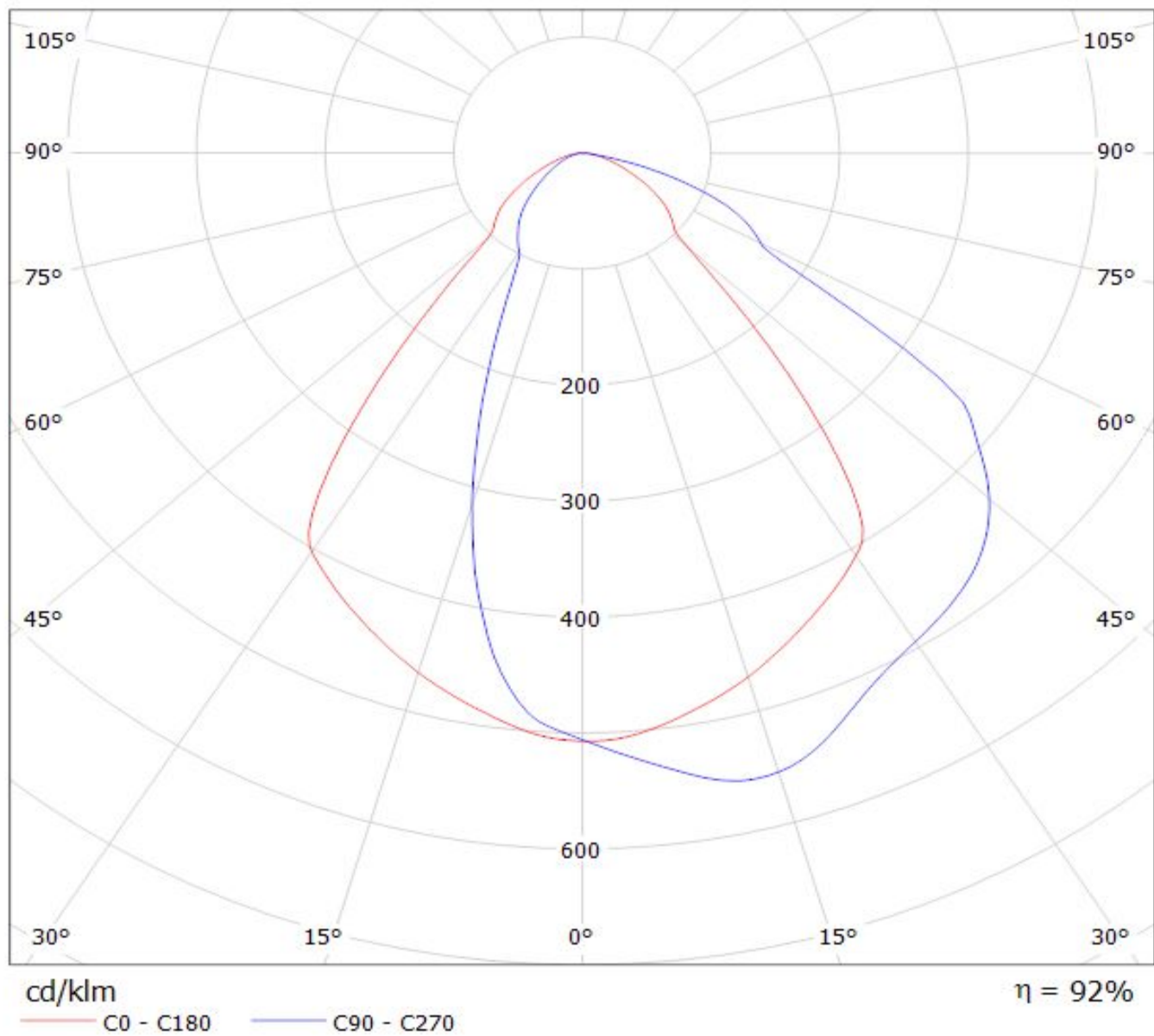
— C0 - C180

— C90 - C270

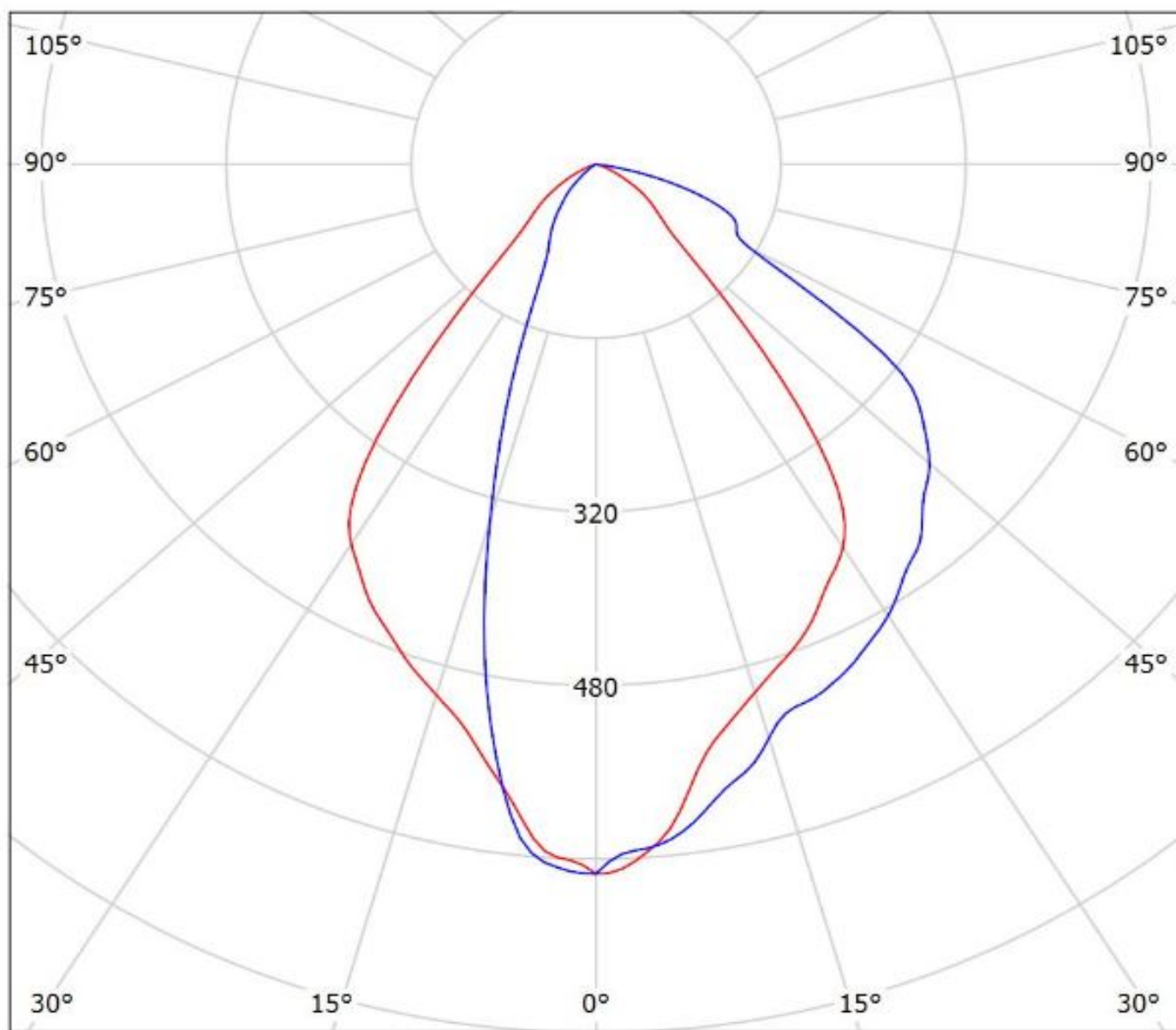
$\eta = 91\%$

Luminaire: LEDiL Oy CN14085_LENA-X-WAS_(VERO13)

Lamps: 1 x Bridgelux_VERO13_(BXRC-30E2000C)_1000lm@250mA_P=7.6157W_I=249.9mA



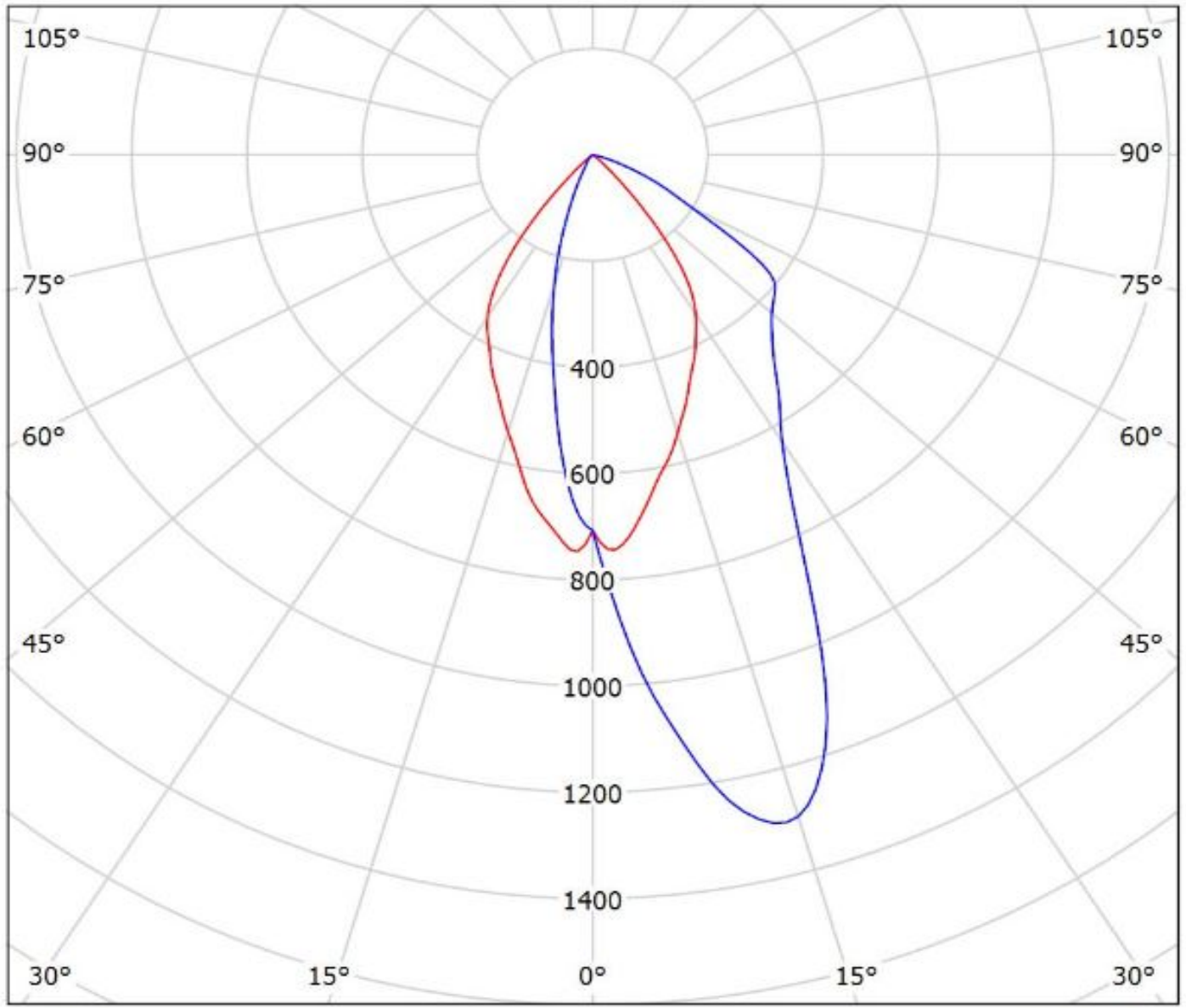
Luminaire: Ledil Oy CN14085_LENA-X-WAS+_B&W_434_TypL1_BRIDGELUX_V10_Gen7_SIMULATED
Lamps: 1 x BRIDGELUX V10 Gen7



cd/klm
— C0 - C180 — C90 - C270

$\eta = 85\%$

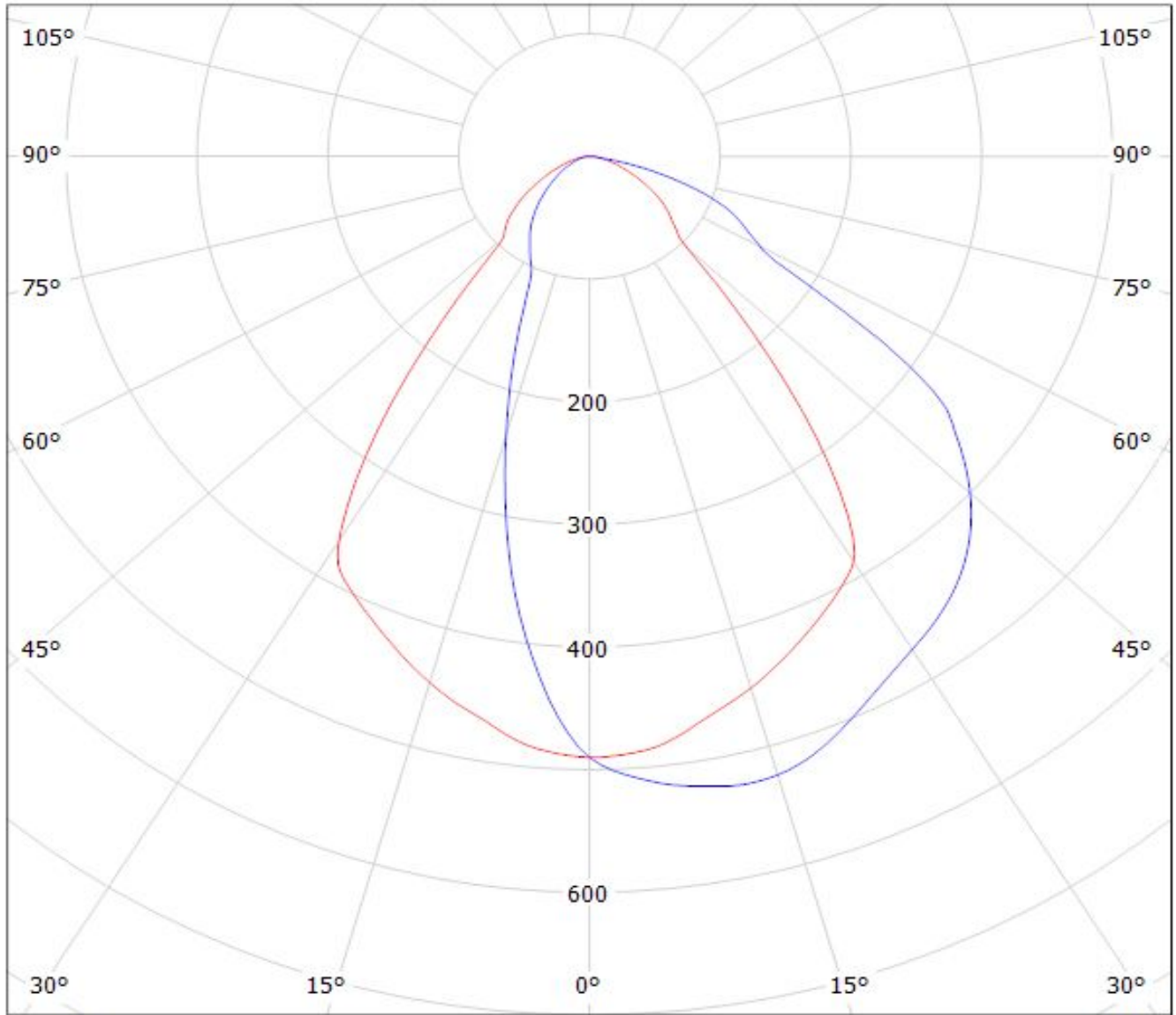
Luminaire: Ledil Oy CN14085_LENA-X-WAS+_B+W_433_TypL1_BRIDGELUX_V13_Gen7_SIMULATED
Lamps: 1 x BRIDGELUX V13 Gen7



cd/klm
— C0 - C180 — C90 - C270

$\eta = 91\%$

Luminaire: LEDiL Oy CN13369_LENA-X-WAS_(CLL030) Eff.83.6%
Lamps: 4 x CLL030 (231.104lm@250mA)

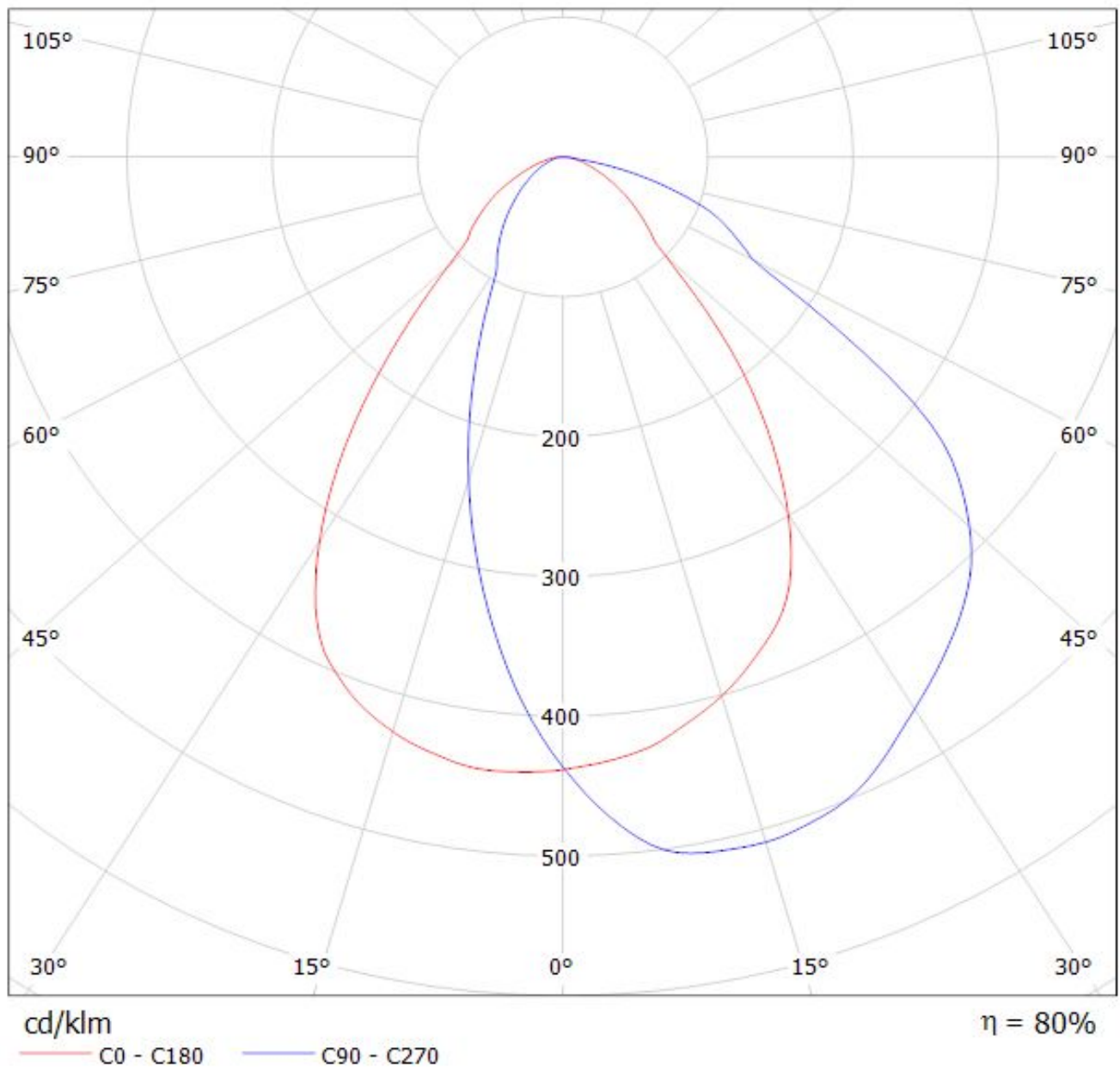


cd/klm

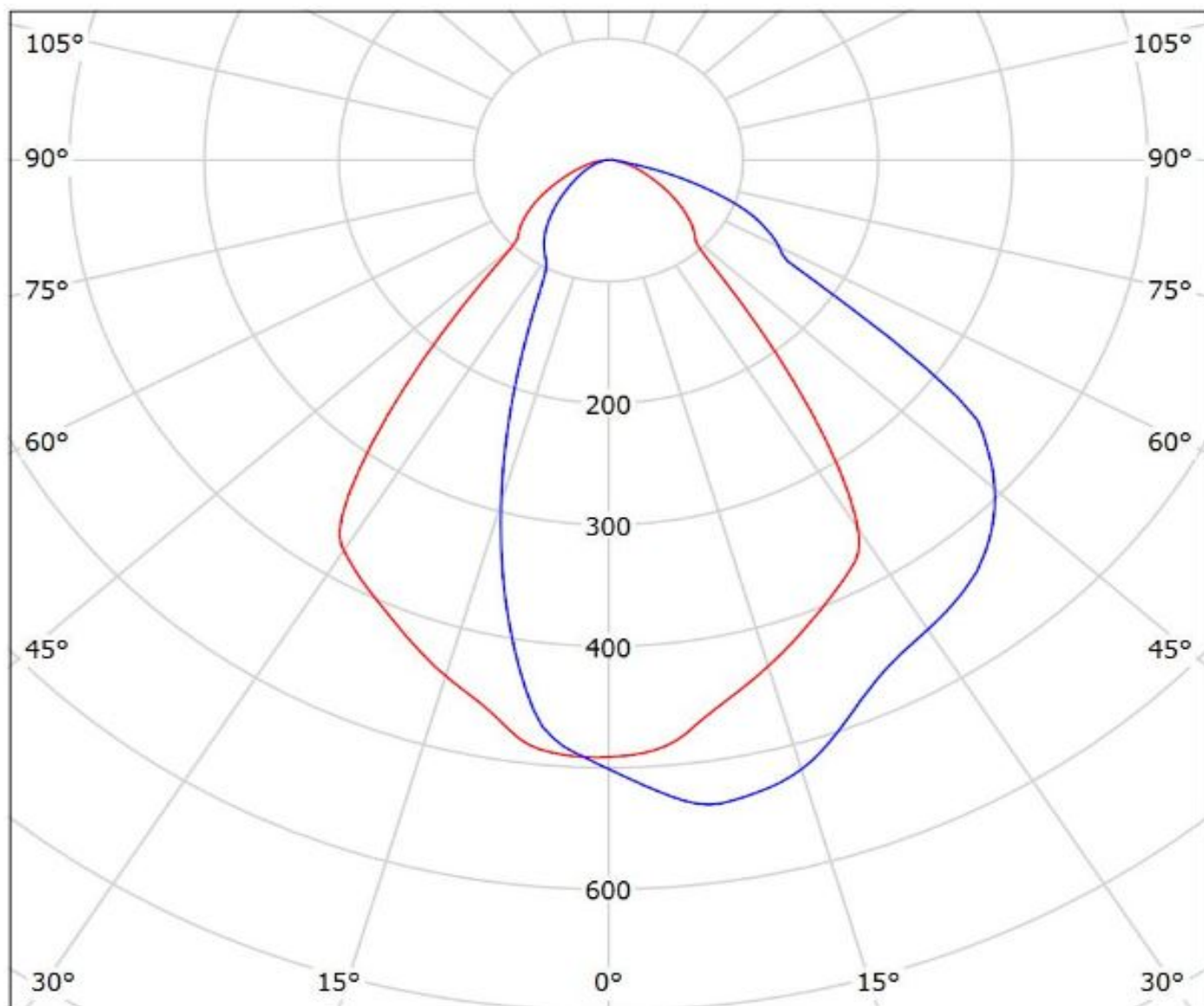
$\eta = 84\%$

— C0 - C180 — C90 - C270

Luminaire: LEDiL Oy C13101_LENA-X-WAS_(CLL040)_2 Eff.79.7%
Lamps: 1 x CLL040 (696.603lm@250mA)



Luminaire: Ledil CN13370_LENA-X-WAS_(CITIZEN_CLU730)
Lamps: 1 x CITIZEN_CLU730_(C12692_LENA-STD-BASE-CLL040)
_783.884lm@250mA_P=8.5W_I=0.25A

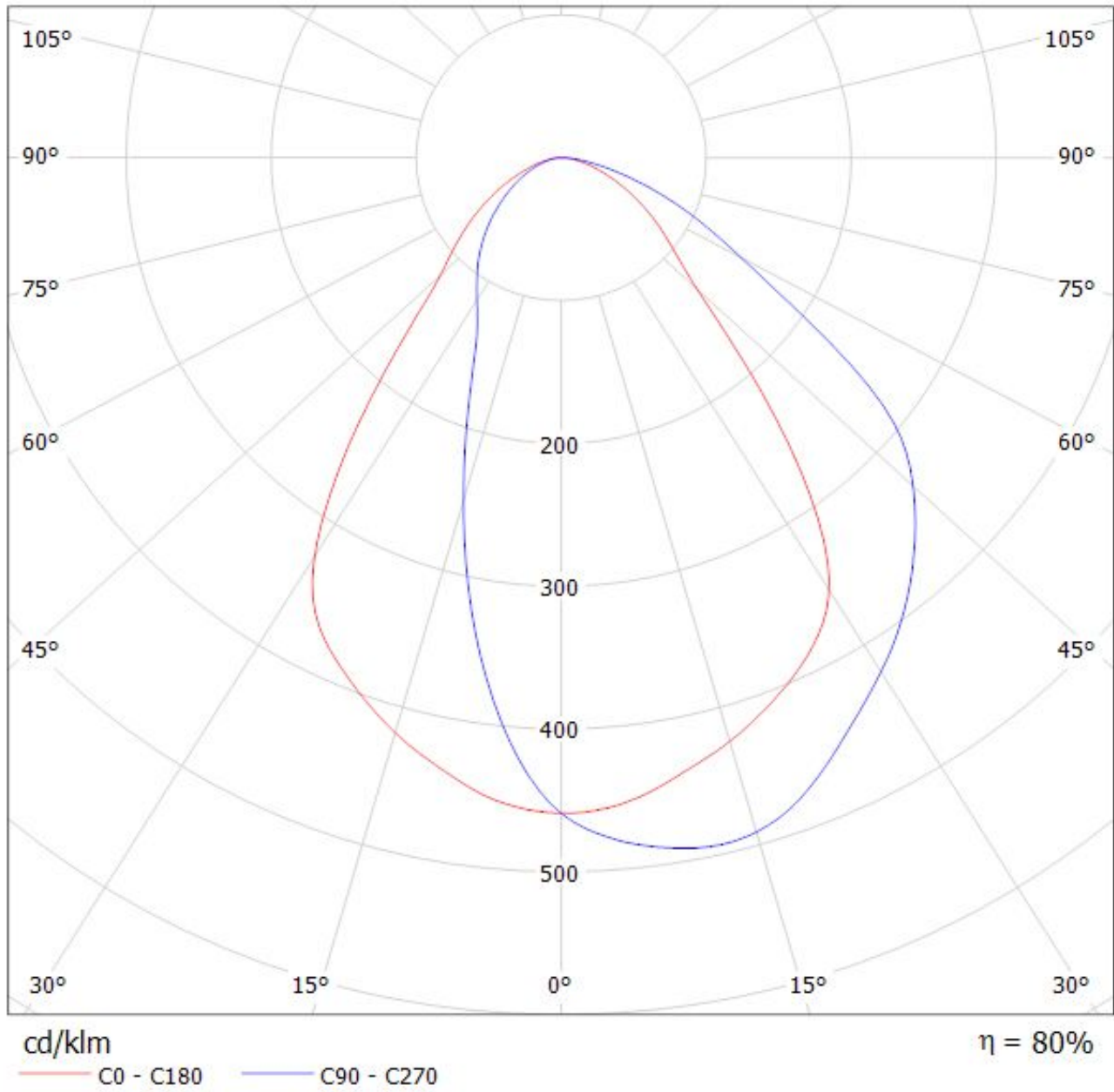


cd/klm

— C0 - C180 — C90 - C270

$\eta = 84\%$

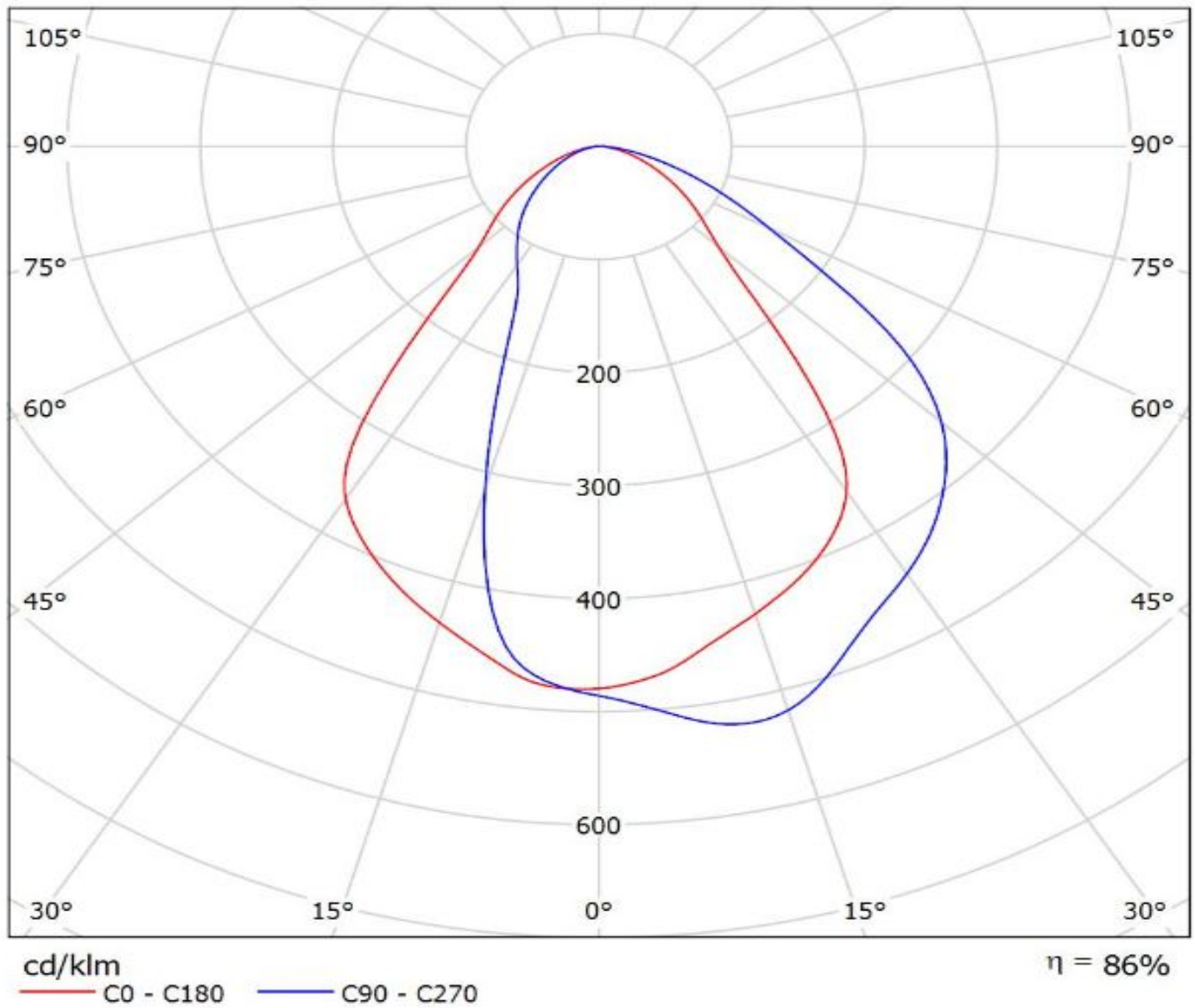
Luminaire: LEDiL Oy CN13371_LENA-X-WAS-DL_(CLL030) Eff.81.6%
Lamps: 4 x CLL030 (231.104lm@250mA)



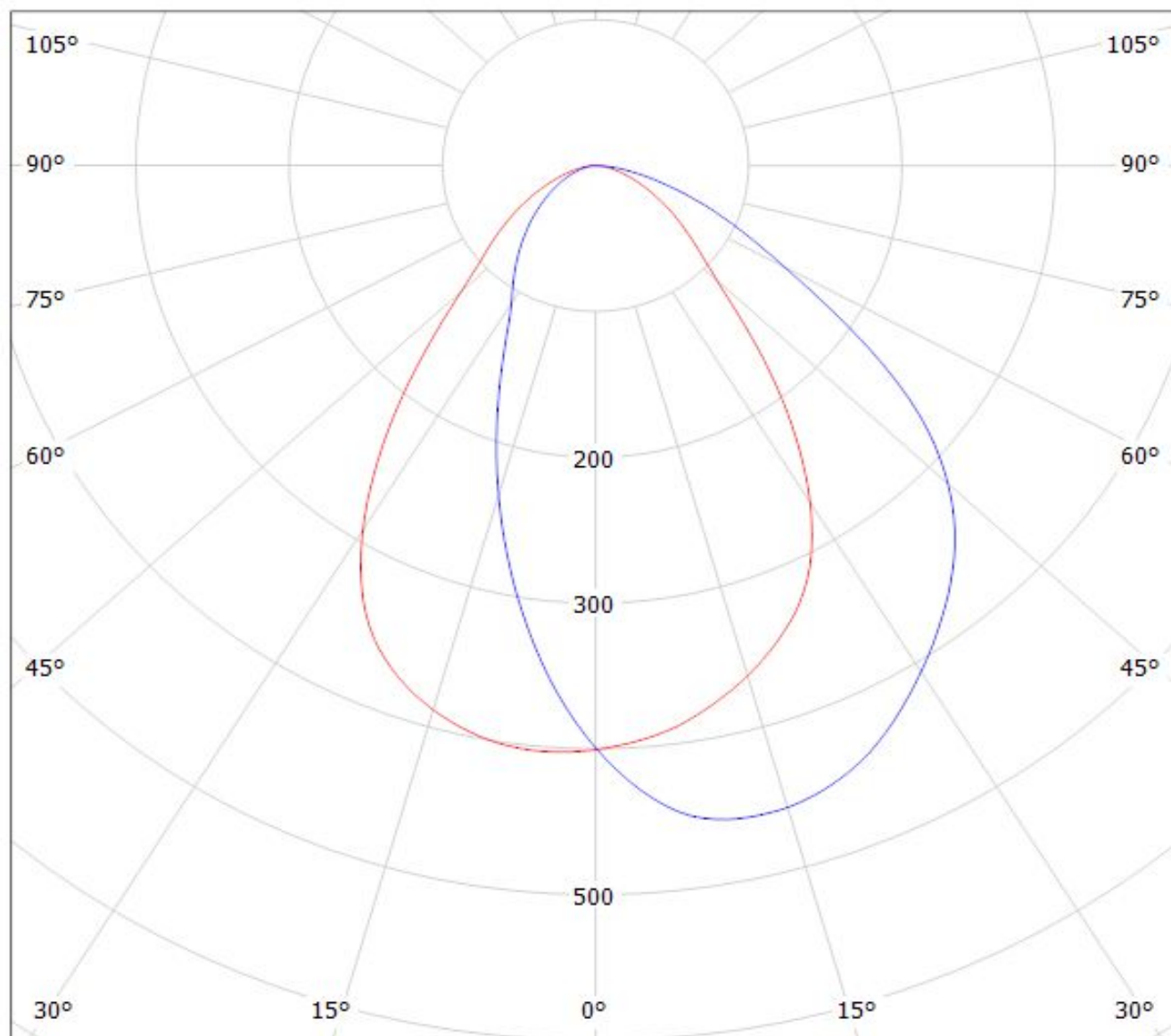
Ledil CN13371_LENA-X-WAS-DL_(CLU710) / LDC (Polar)

Luminaire: Ledil CN13371_LENA-X-WAS-DL_(CLU710)

Lamps: 1 x CITIZEN_CLU710_(CLU710-1204B8-273M2G1)_+C12691_LENA-STD-BASE-CLL030_1154.75lm@250mA_P=8.5W_I=0.25A



Luminaire: LEDiL Oy CN13372_LENA-X-WAS-DL_(CLL040) Eff.73.7%
Lamps: 1 x CLL040 (696.603lm@250mA)



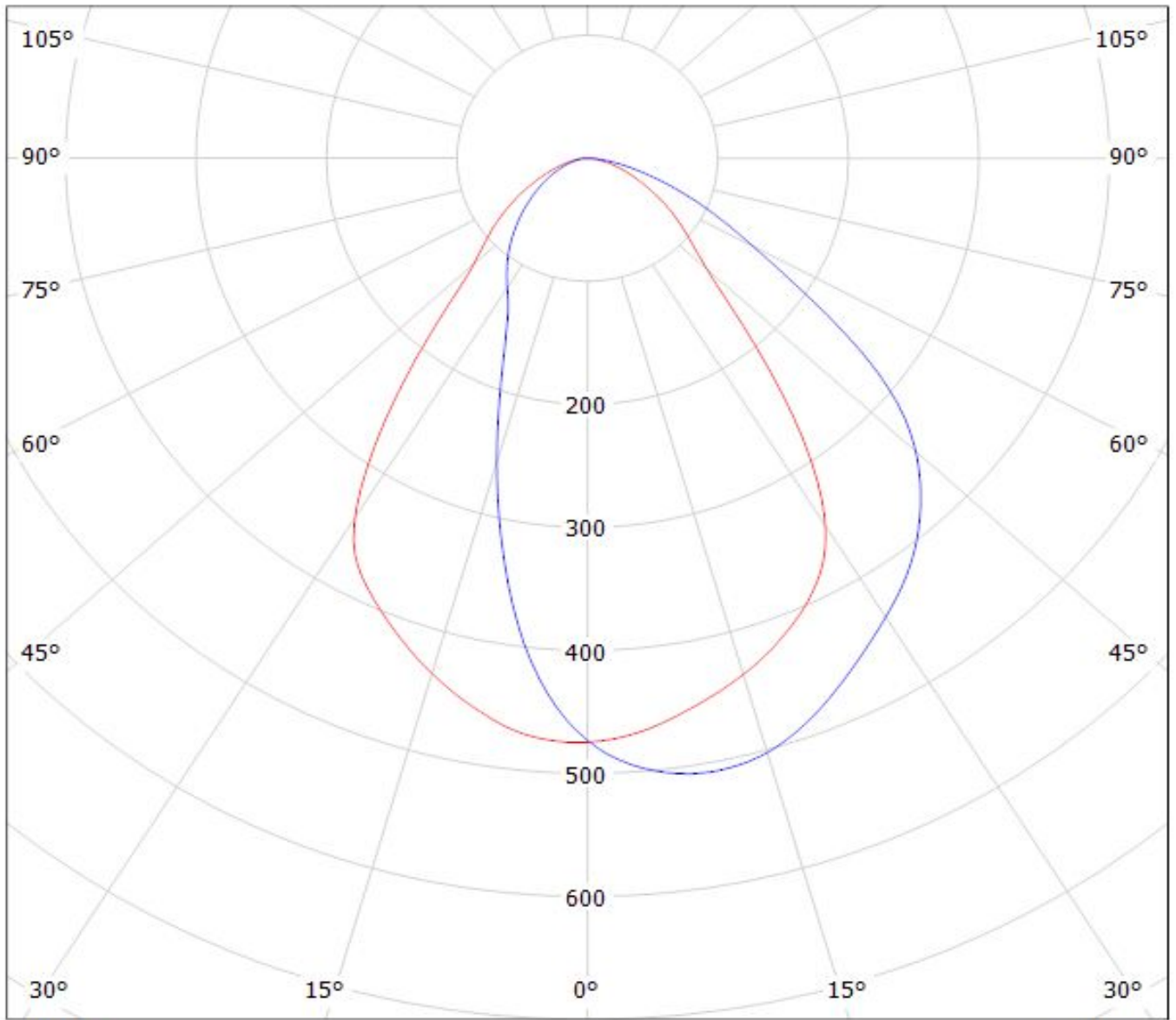
cd/klm

— C0 - C180

— C90 - C270

$\eta = 74\%$

Luminaire: LEDiL Oy CN13373_LENA-X-WAS-DL_(CL-L340) Eff.82.2%
Lamps: 1 x CL-L340 (929.39lm@250mA)

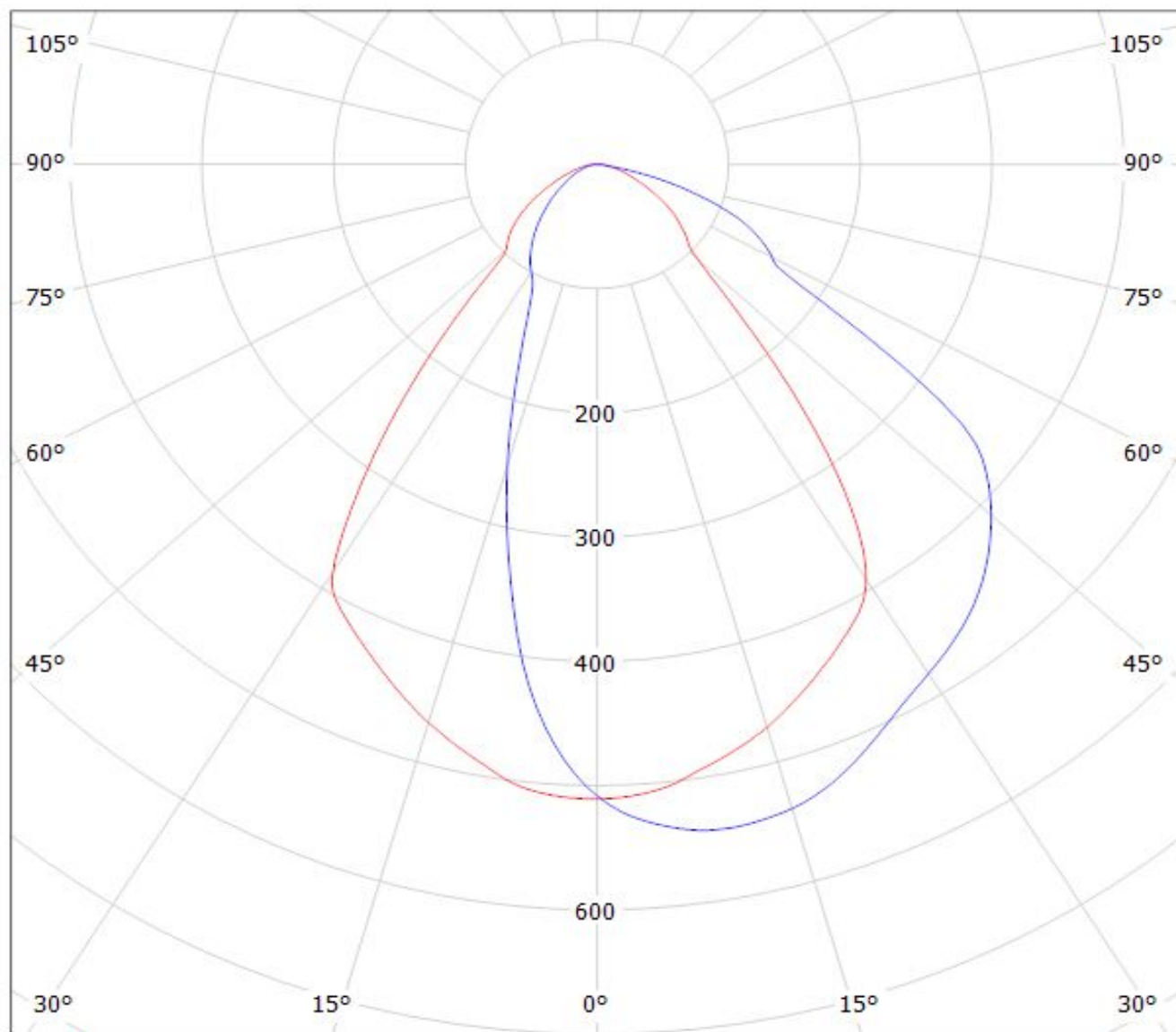


cd/klm

— C0 - C180 — C90 - C270

$\eta = 82\%$

Luminaire: LEDiL Oy CN13374_LENA-X-WAS_(CL-L340) Eff.86.3%
Lamps: 1 x CL-L340 (929.39lm@250mA)



cd/klm

$\eta = 86\%$

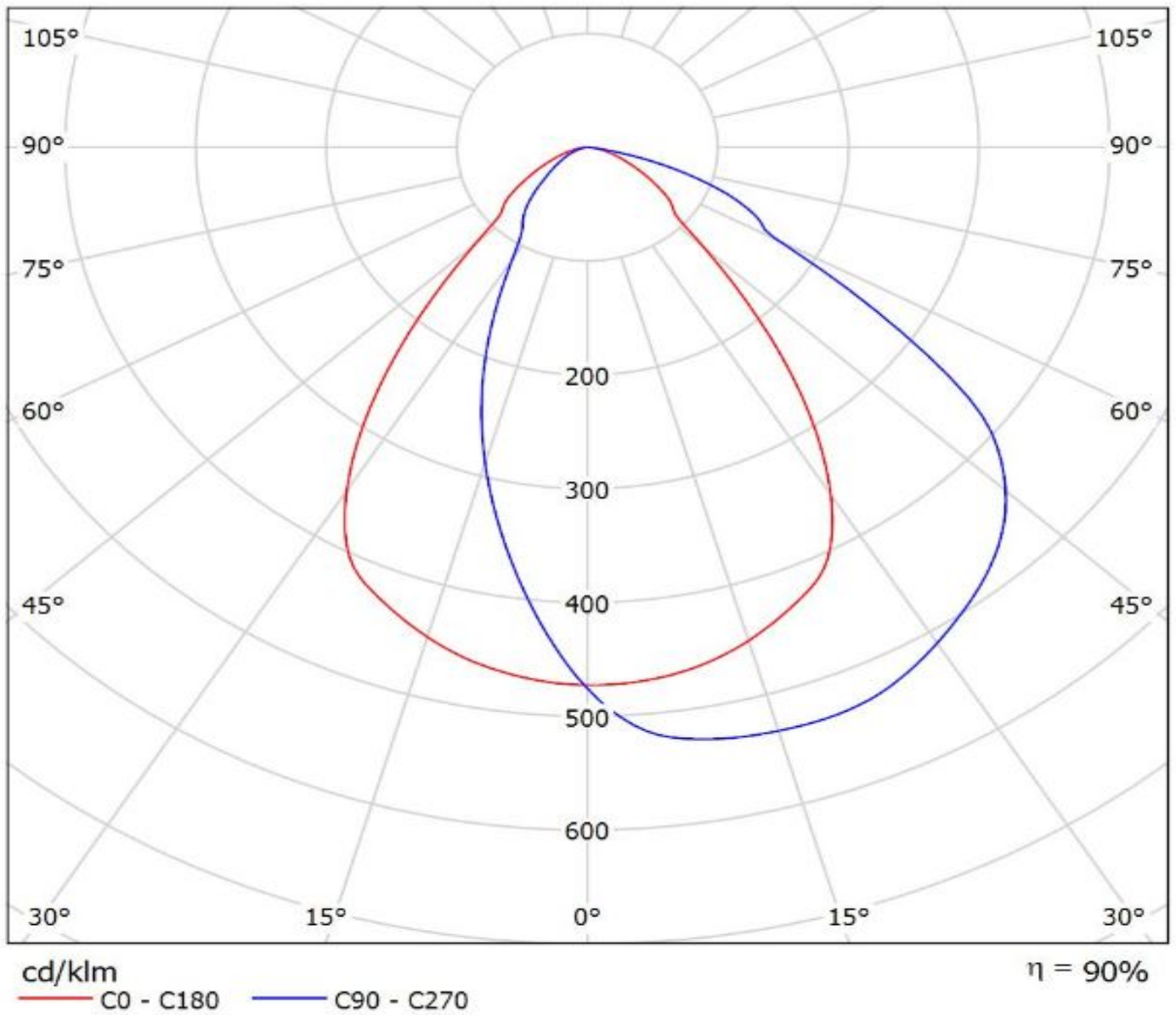
— C0 - C180

— C90 - C270

Ledil CN14079_LENA-X-WAS_(CLU044)_(431_Typ_L3) / LDC (Polar)

Luminaire: Ledil CN14079_LENA-X-WAS_(CLU044)_(431_Typ_L3)

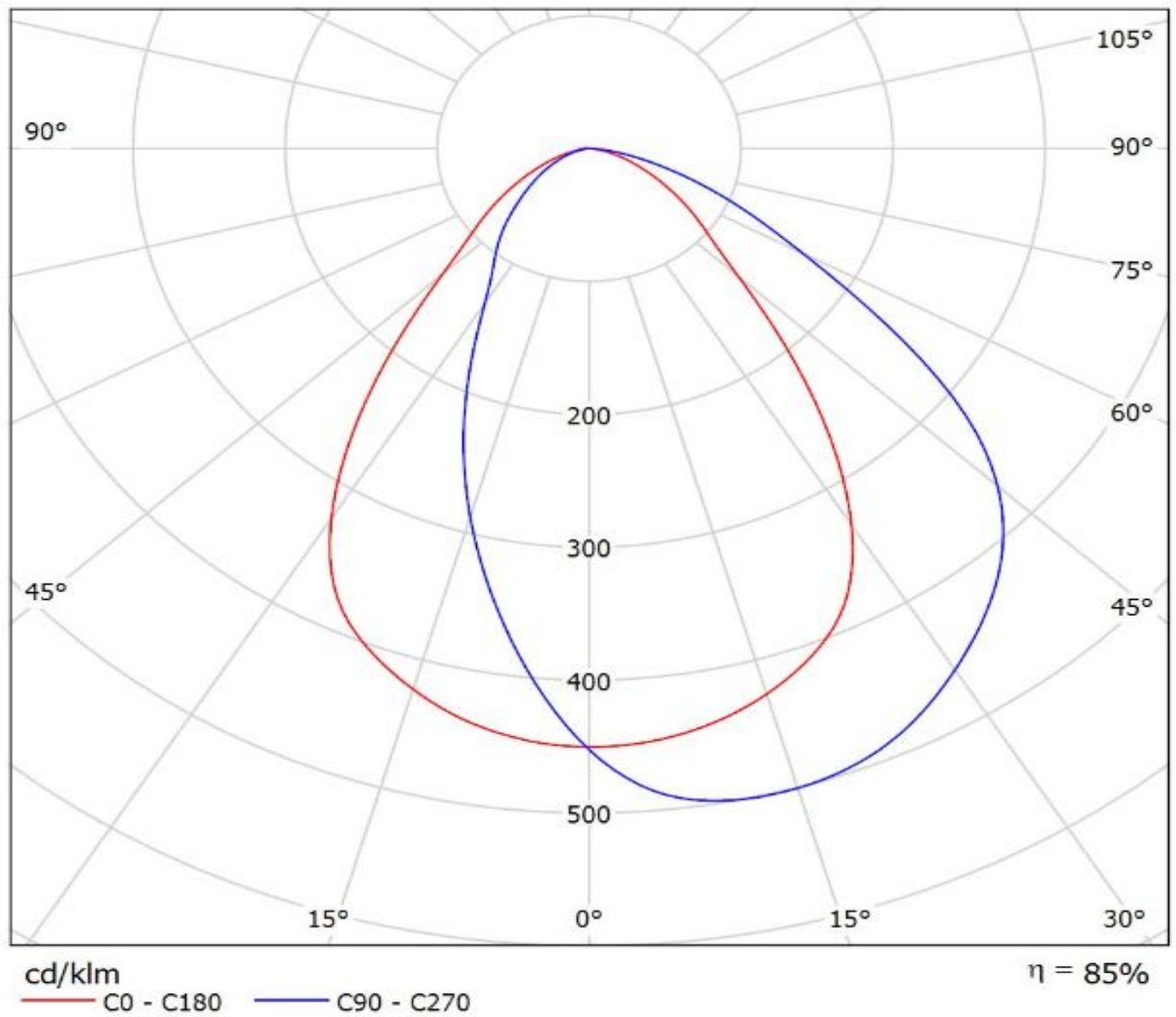
Lamps: 1 x Citizen_CLU044_(CLU044-1212B8-303M1A2)_1289.77lm@250mA_P=8.17W_η=0.25A



Ledil CN14080_LENA-X-WAS-DL_(CLU044)_(431_Typ_L3) / LDC (Polar)

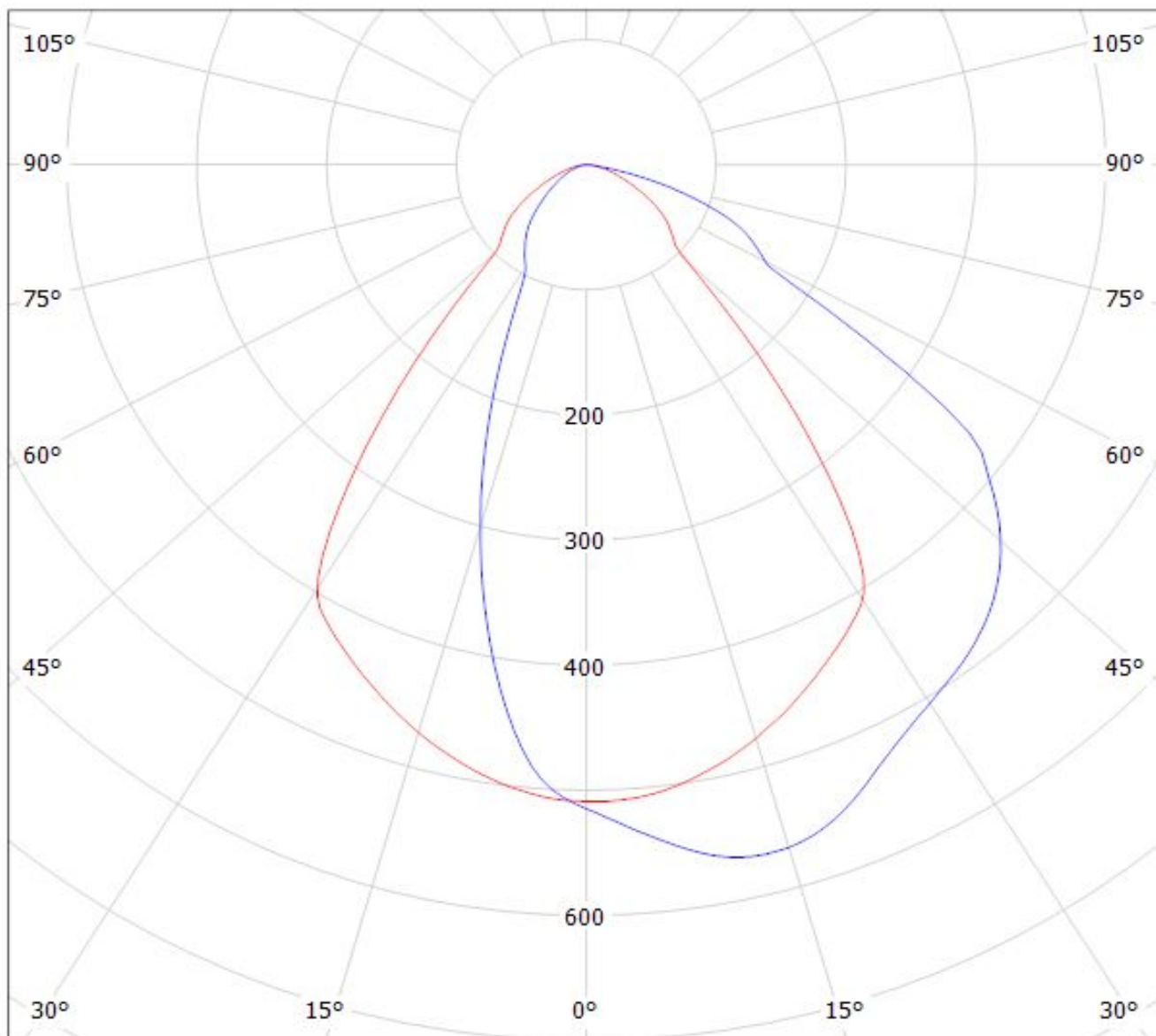
Luminaire: Ledil CN14080_LENA-X-WAS-DL_(CLU044)_(431_Typ_L3)

Lamps: 1 x Citizen_CLU044_(CLU044-1212B8-303M1A2)_1289.77lm@250mA_P=8.17W_I=0.25A



Luminaire: Ledil CN14085_LENA-X-WAS_(CLU034)_(433_Typ_L1)

Lamps: 1 x Citizen_CLU034_(CLU034-1205B8-303M1A2)_1156.67lm@250mA_P=8.5W_I=0.25A



cd/klm

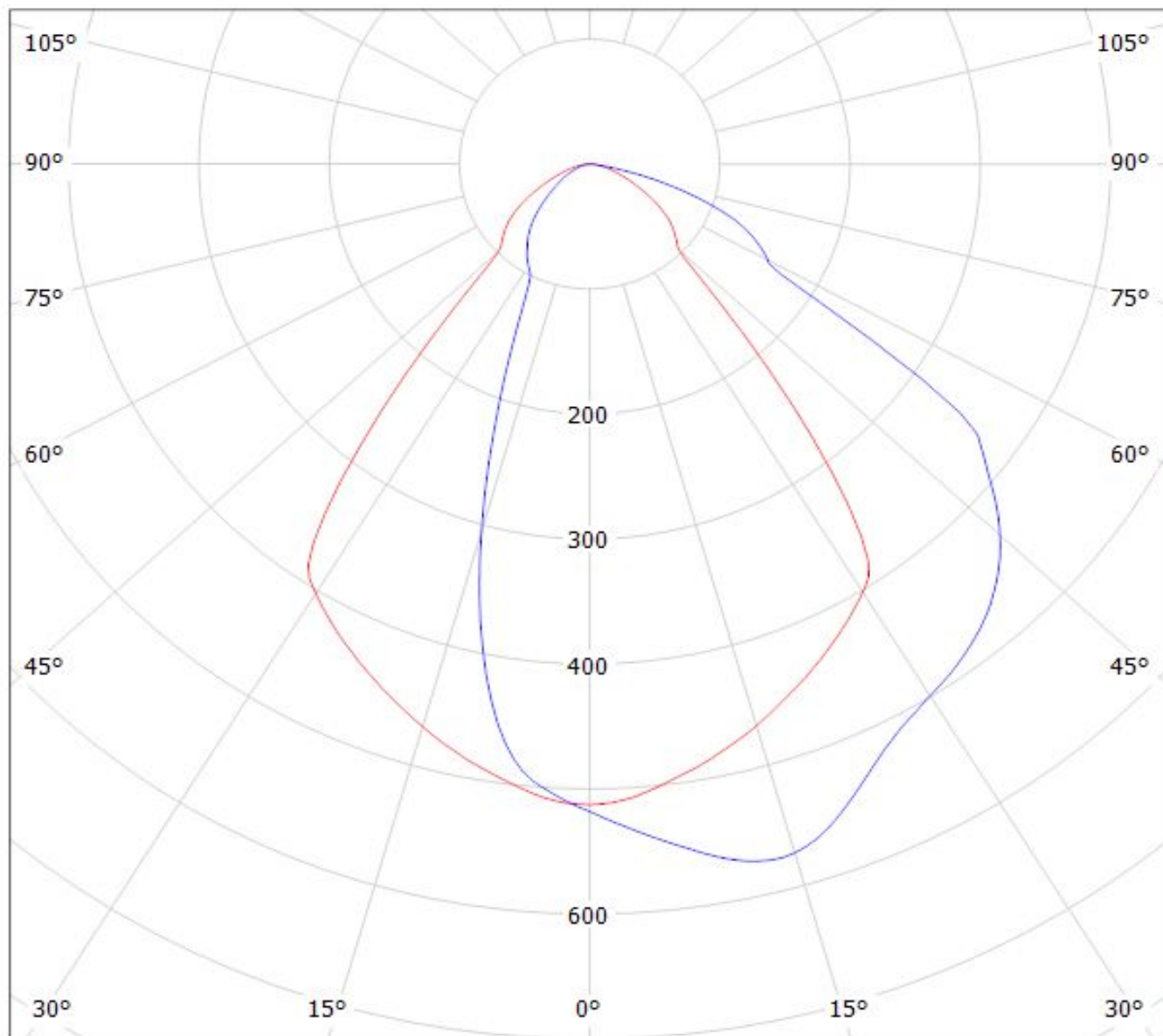
— C0 - C180

— C90 - C270

$\eta = 91\%$

Luminaire: Ledil CN14085_LENA-X-WAS_(CLU720)_(433_Typ_L1)

Lamps: 1 x Citizen_CLU720_(CLU720-1206B8-273M2G1)_1206.29lm@250mA_P=8.29W_I=0.25A



cd/klm

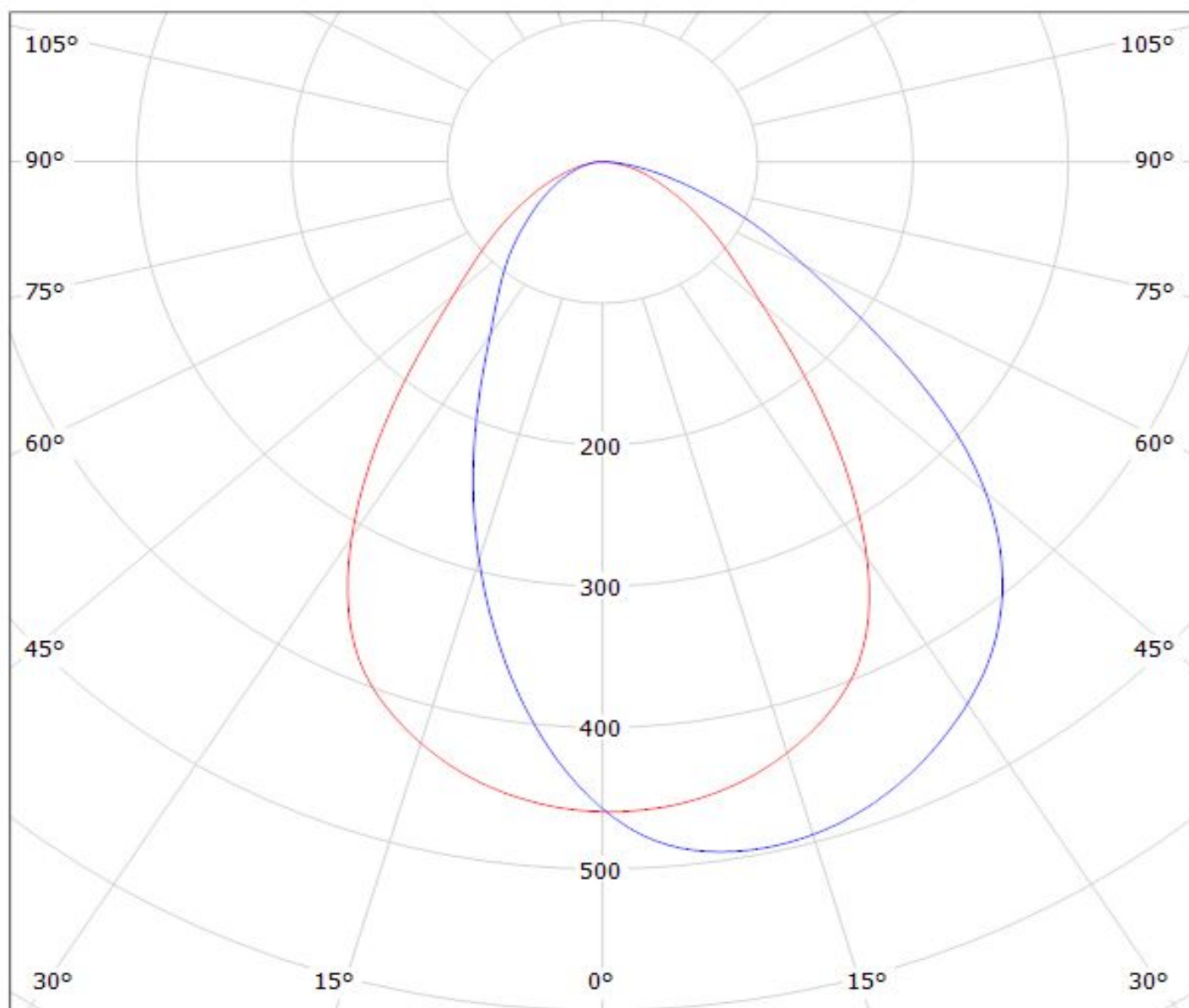
— C0 - C180

— C90 - C270

$\eta = 91\%$

Luminaire: LEDiL Oy CN14581_LENA-X-WAS-DL_(CLL040)

Lamps: 1 x Citizen_CLL040_(CLL040-1218A-50KL1A1)_1143.61lm@250mA_P=8.26919W_I=249.9mA



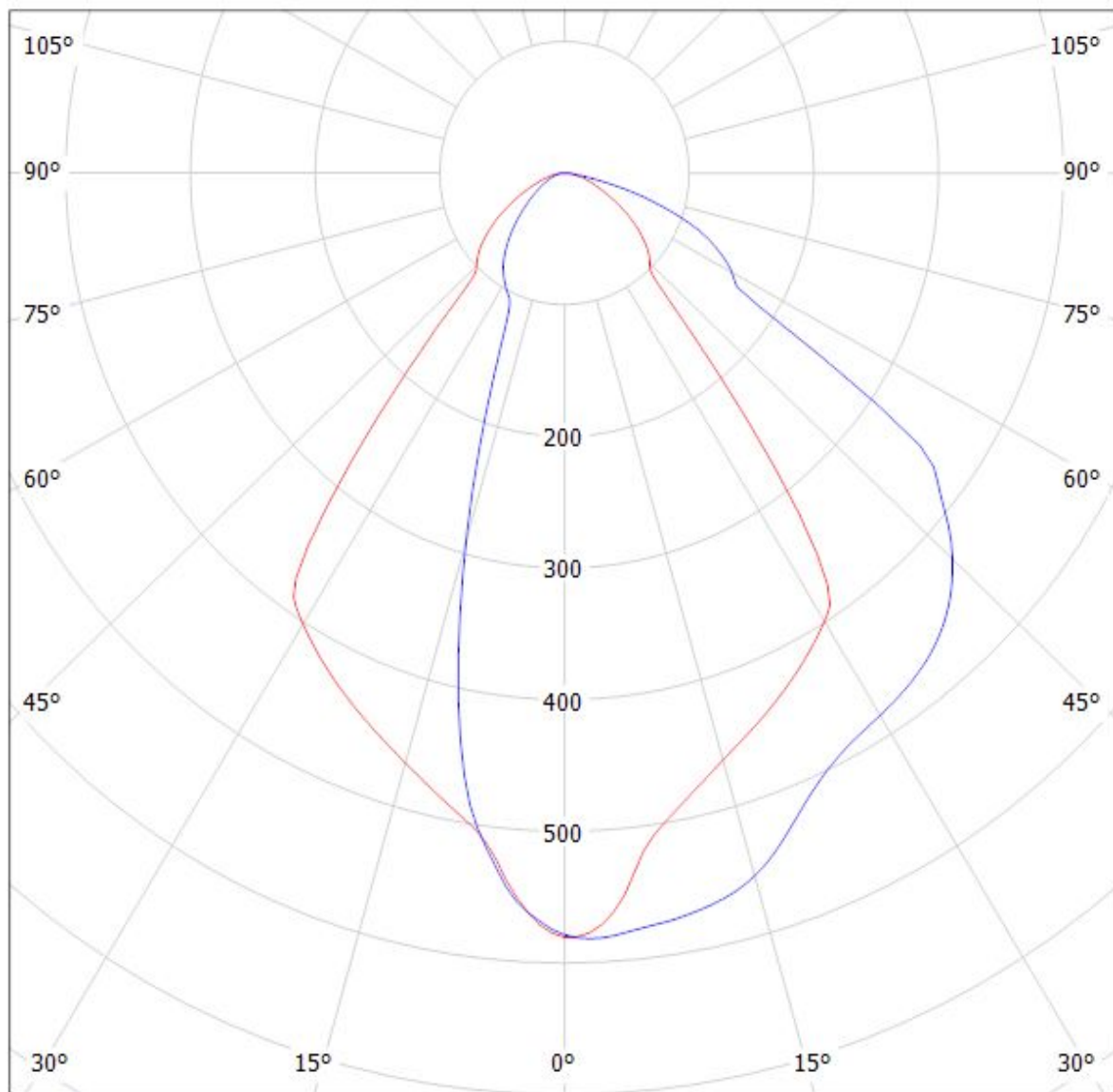
cd/klm

— C0 - C180 — C90 - C270

$\eta = 84\%$

Luminaire: LEDiL Oy CN13248_LENA-X-WAS_(CXA1520)

Lamps: 1 x CREE_CXA1520_(CXA1520-30F-N4-N0H-0001)_972.29@250mA_CCT=3000K_P=8.22841W_I=249.8mA



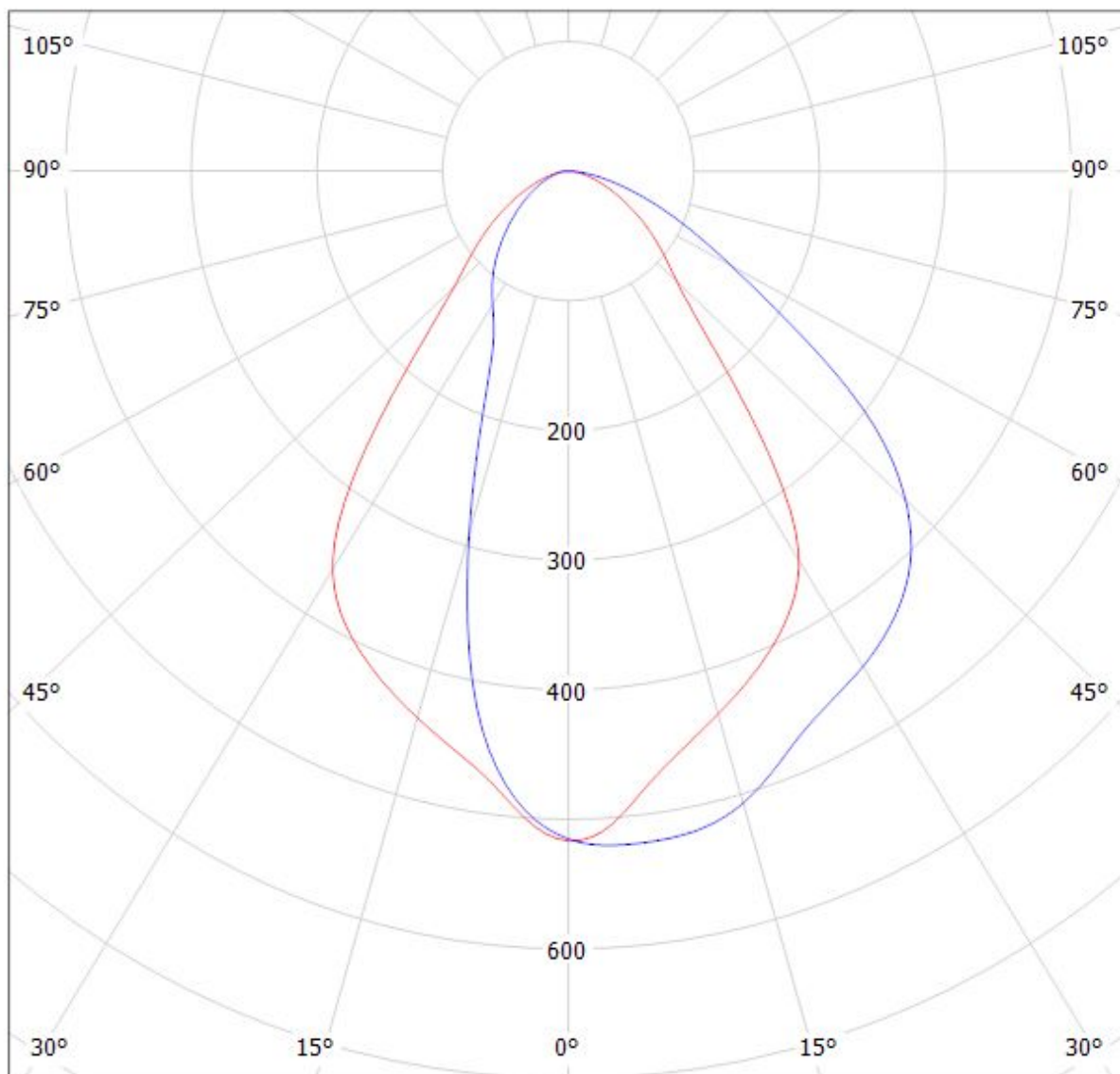
cd/klm

$\eta = 88\%$

— C0 - C180 — C90 - C270

Luminaire: LEDiL Oy CN13249_LENA-X-WAS-DL_(CXA1520)

Lamps: 1 x CREE_CXA1520_(CXA1520-30F-N4-N0H-0001)_972.29@250mA_CCT=3000K_P=8.22841W_I=249.8mA



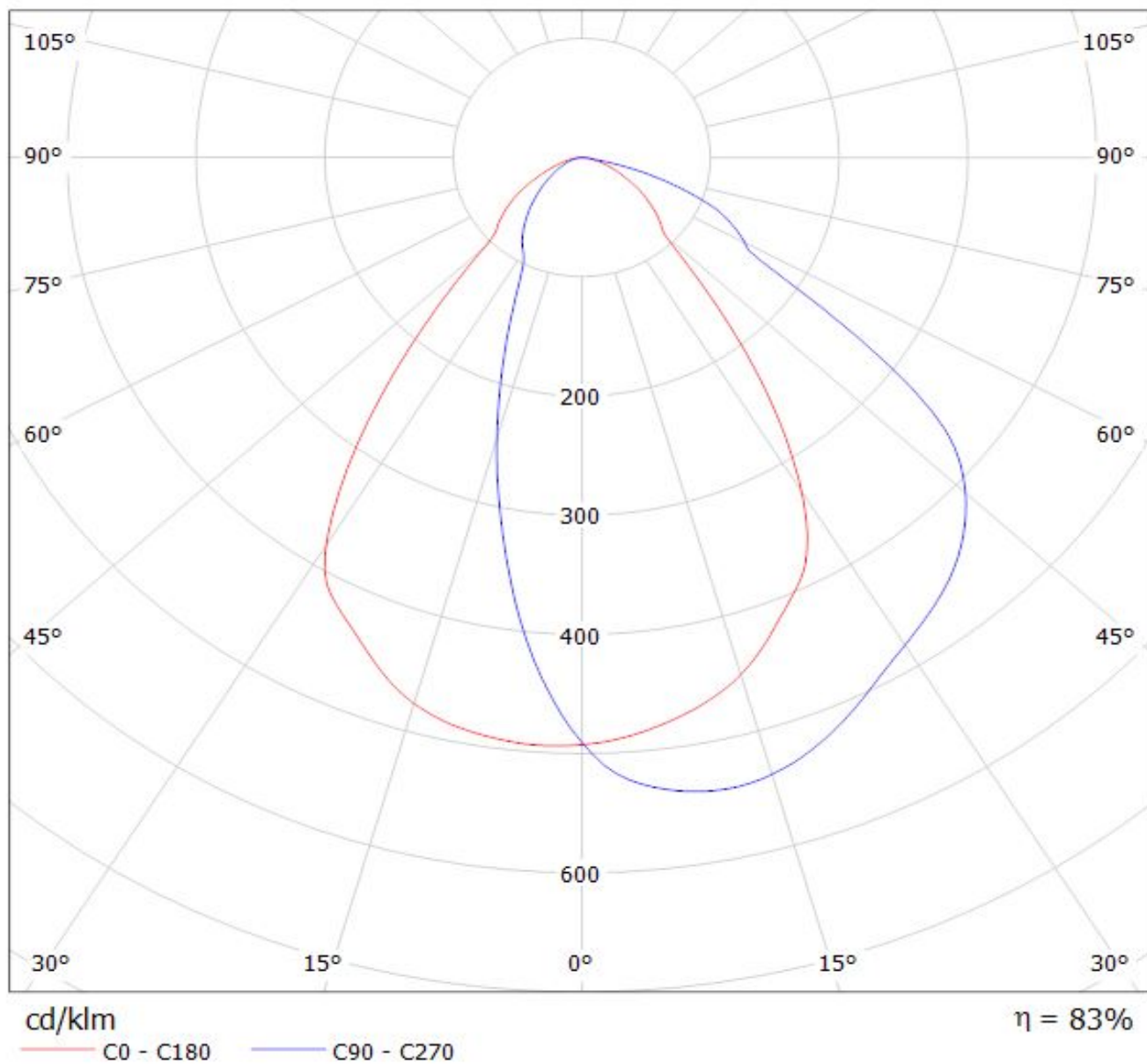
cd/klm

— C0 - C180

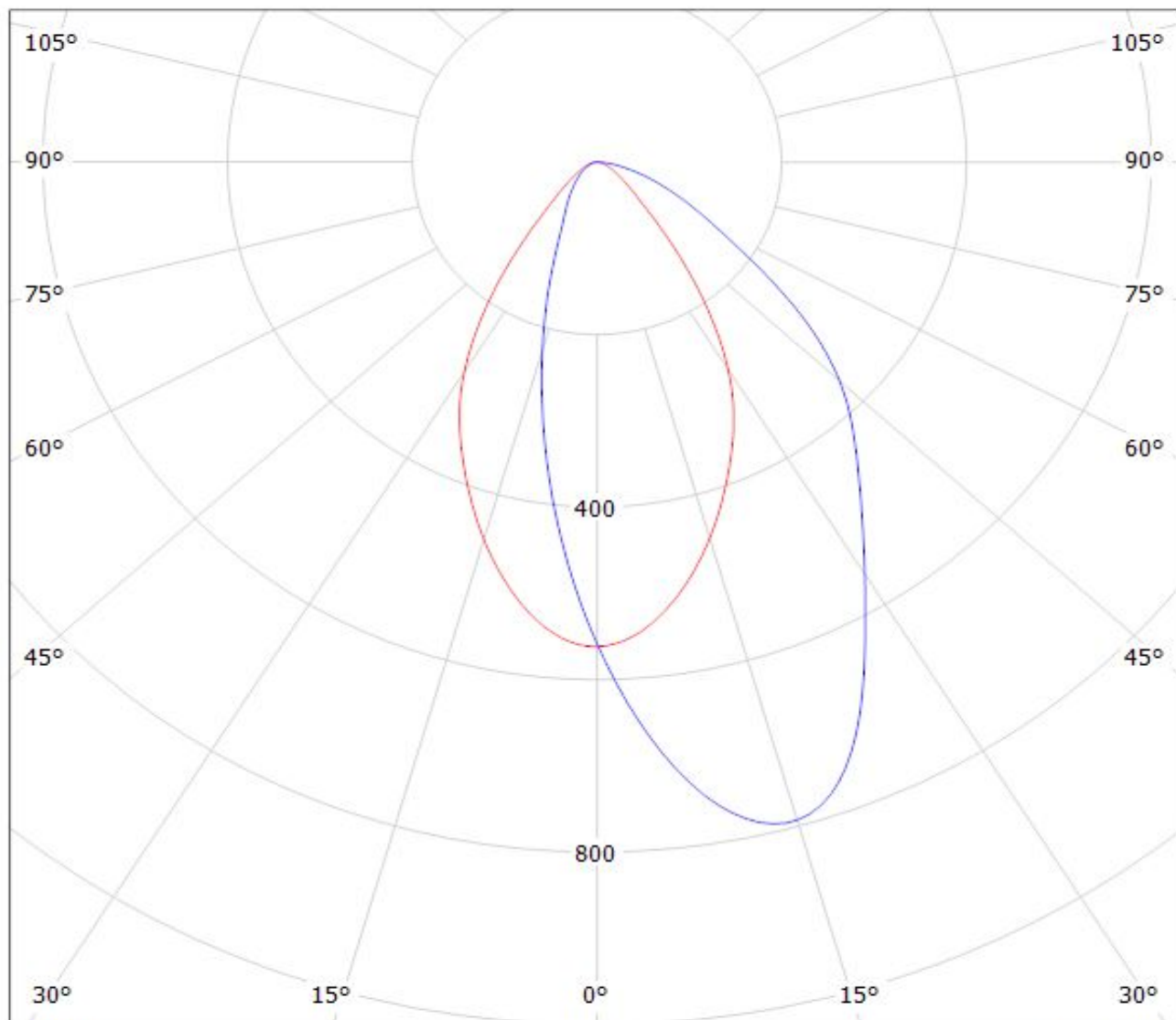
— C90 - C270

$\eta = 84\%$

Luminaire: LEDiL Oy CN13341_LENA-X-WAS_(CXA25) Eff.83.1%
Lamps: 1 x CREE_CXA25_(2520-7A-N4-N0U) 888.265lm@250mA CCT=3000K P=8.58457W I=249.9mA



Luminaire: LEDiL Oy CN13342_LENA-WAS-DL_(CXA25) Eff.73.8%
Lamps: 1 x CREE_CXA25_(2520-7A-N4-N0U) 888.265lm@250mA CCT=3000K P=8.58457W I=249.9mA



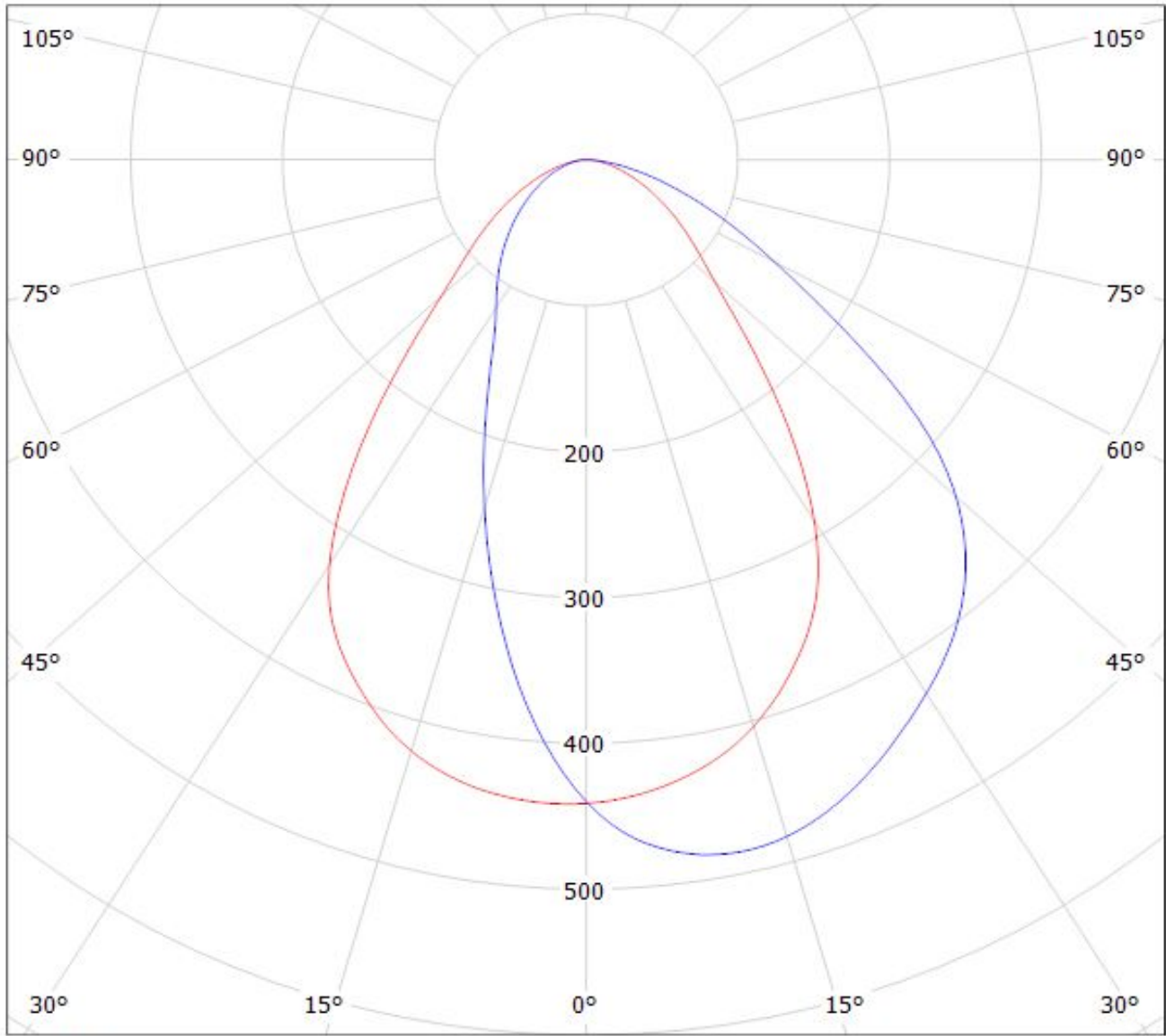
cd/klm

— C0 - C180 — C90 - C270

$\eta = 74\%$

Luminaire: LEDiL Oy CN13343_LENA-X-WAS-DL_(CXA25) Eff.78.5%

Lamps: 1 x CREE_CXA25_(2520-7A-N4-N0U) 888.265lm@250mA CCT=3000K P=8.58457W I=249.9mA



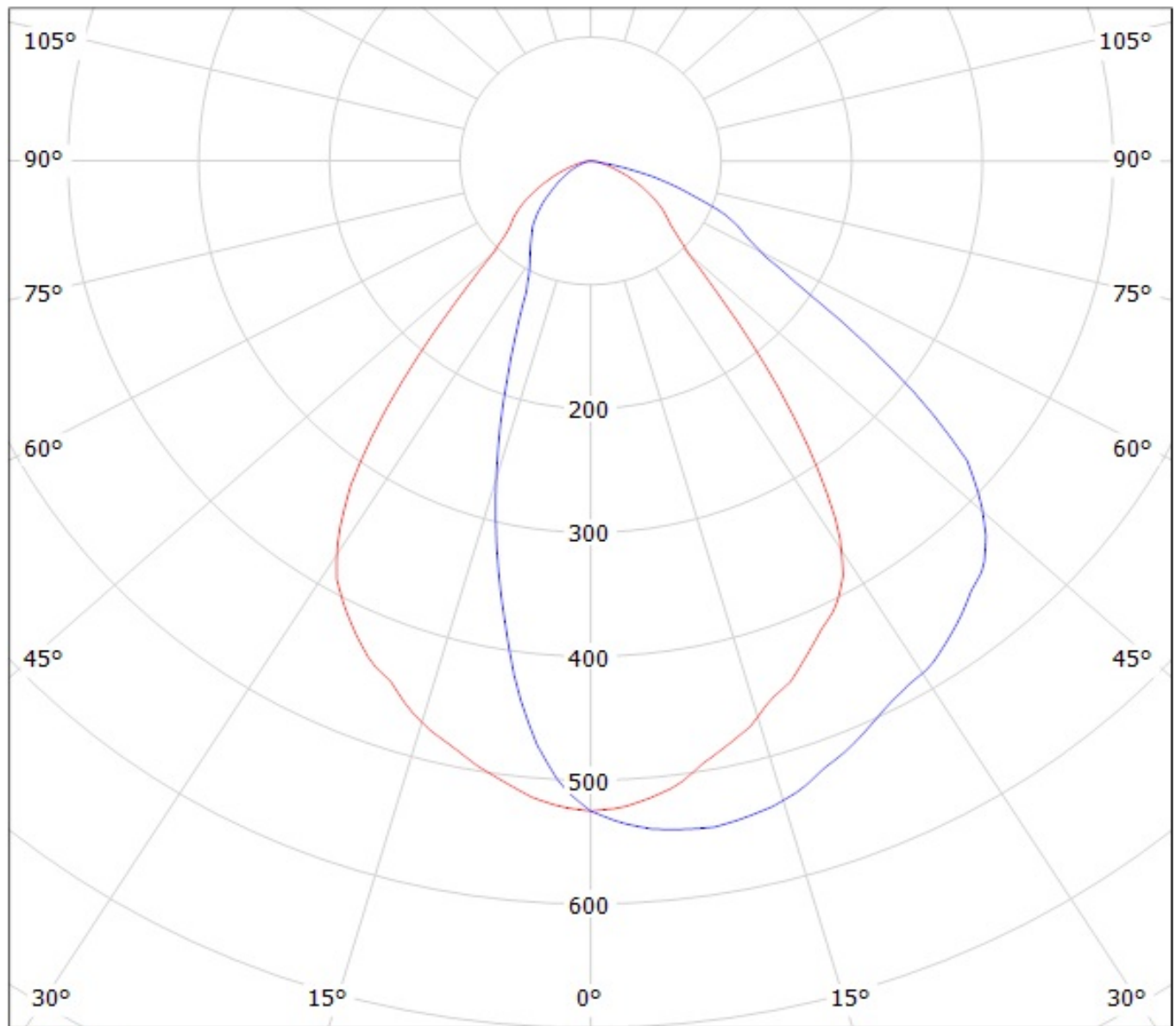
cd/klm

— C0 - C180

— C90 - C270

$\eta = 79\%$

Luminaire: Ledil Oy CN13455_LENA-X-WAS (Cree CXA20 698lm @ 250mA) Efficiency=83%
Lamps: 1 x Cree CXA20 698lm @ 250mA

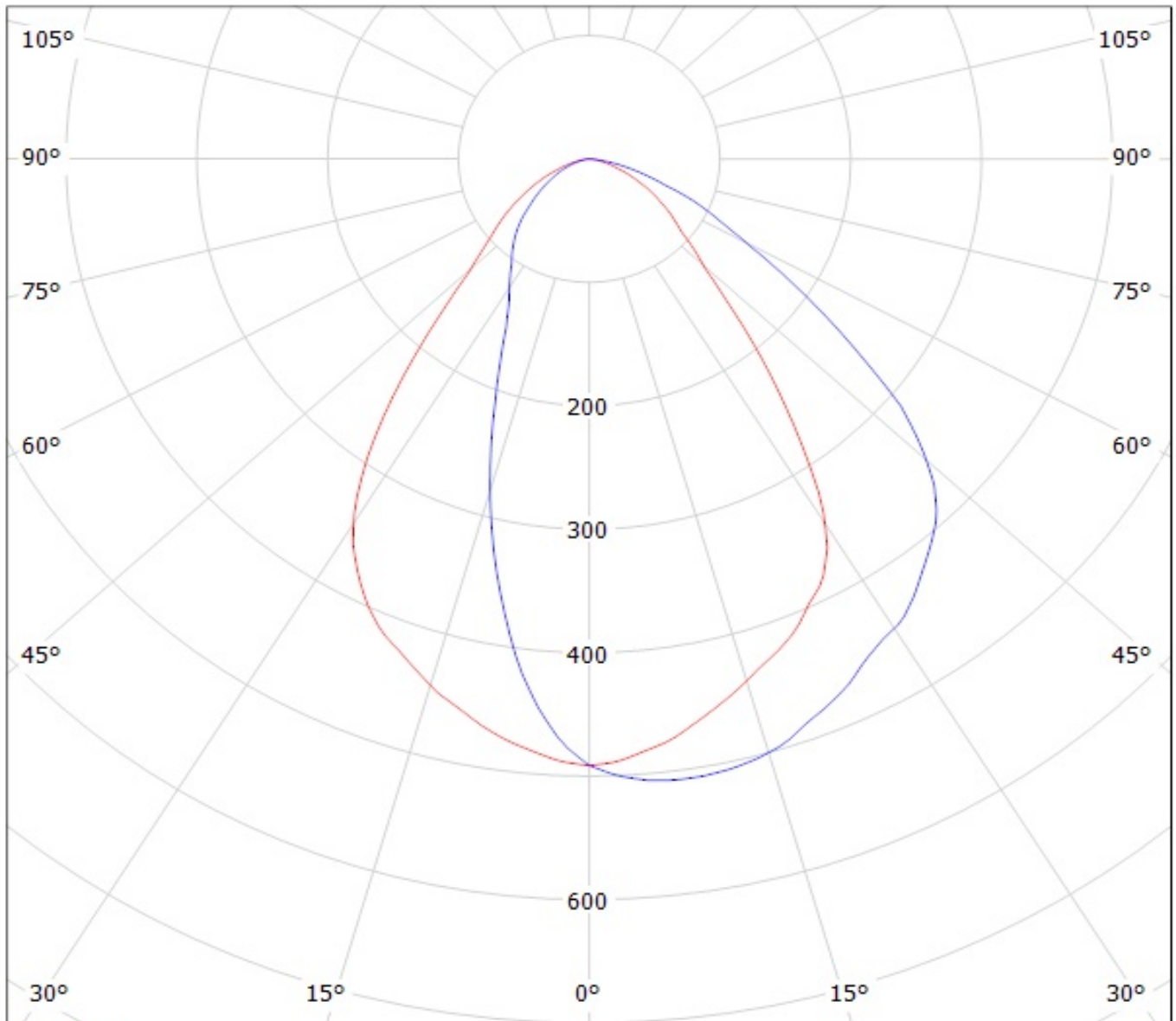


cd/klm

— C0 - C180

— C90 - C270

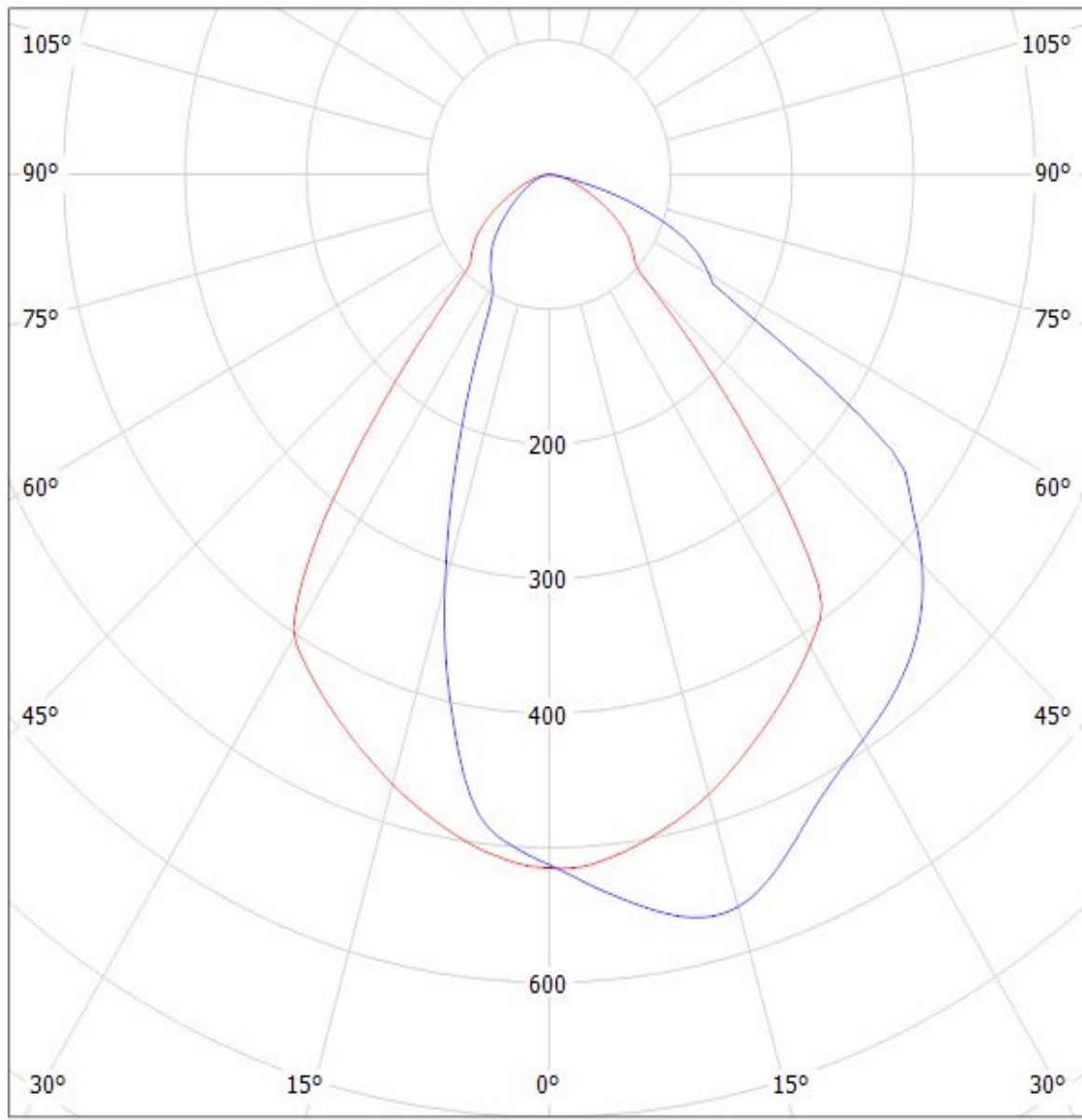
Luminaire: Ledil Oy CN13456_LENA-X-WAS-DL (Cree CXA20 698lm @ 250mA) Efficiency=80%
Lamps: 1 x Cree CXA20 698lm @ 250mA



cd/klm
— C0 - C180 — C90 - C270

Luminaire: LEDiL Oy CN14085_LENA-X-WAS_(CXA1850)

Lamps: 1 x Cree_CXA1850_(437 Typ L1)_C13868_LENA-STD-BASE-VERO13-18_790.96lm@250mA_P=8.23295W_η=0.2499A



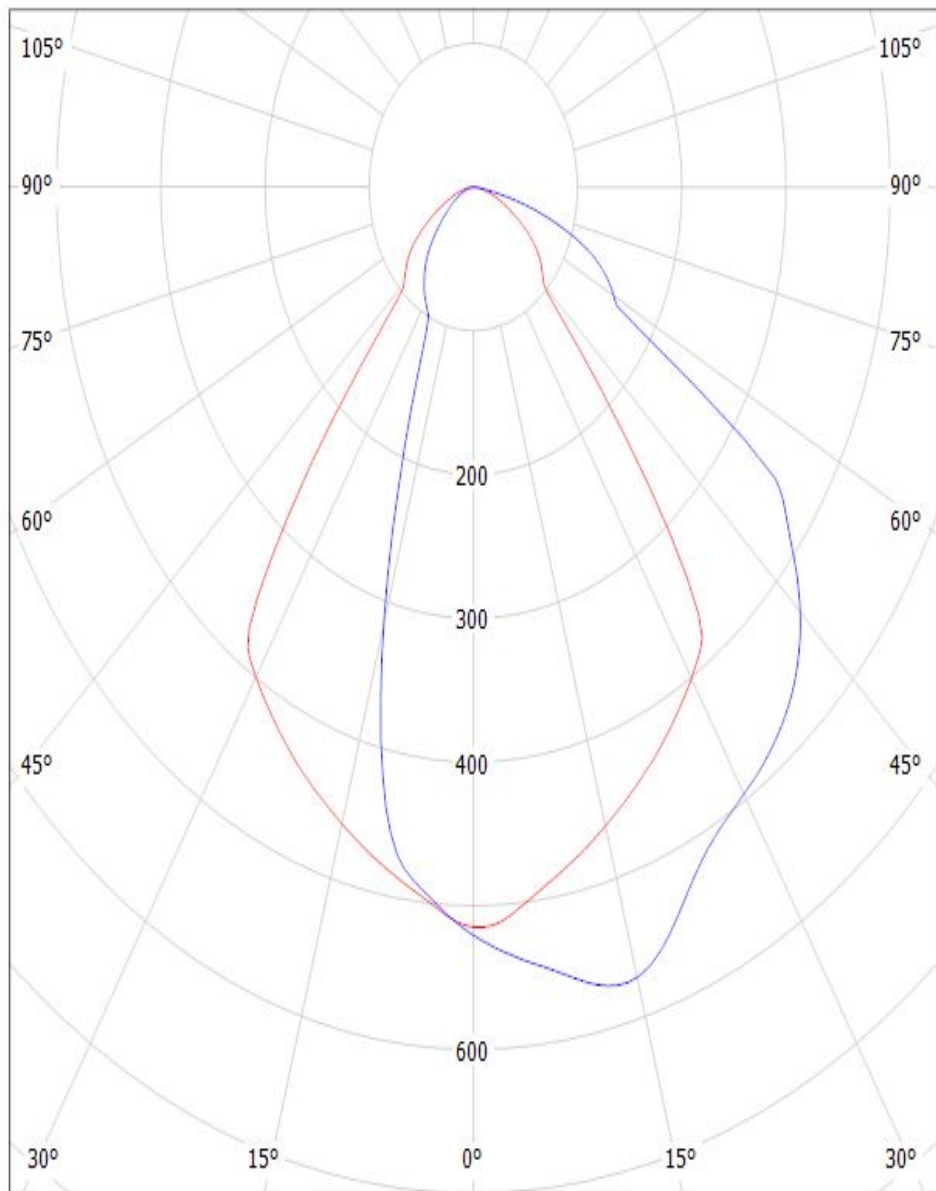
cd/klm

— C0 - C180 — C90 - C270

η = 90%

Luminaire: Ledil CN14085_LENA-X-WAS_(CXA1520)_(441_Typ_L1)

Lamps: 1 x Cree_CXA1520_(CXA1520-30F-N4-00H-00001)_(C13868_LENA-STD-BASE-VERO13-18)_(441_Typ_L1)_1019.02lm@250mA_P=8.8025W_I=0.25A



cd/klm

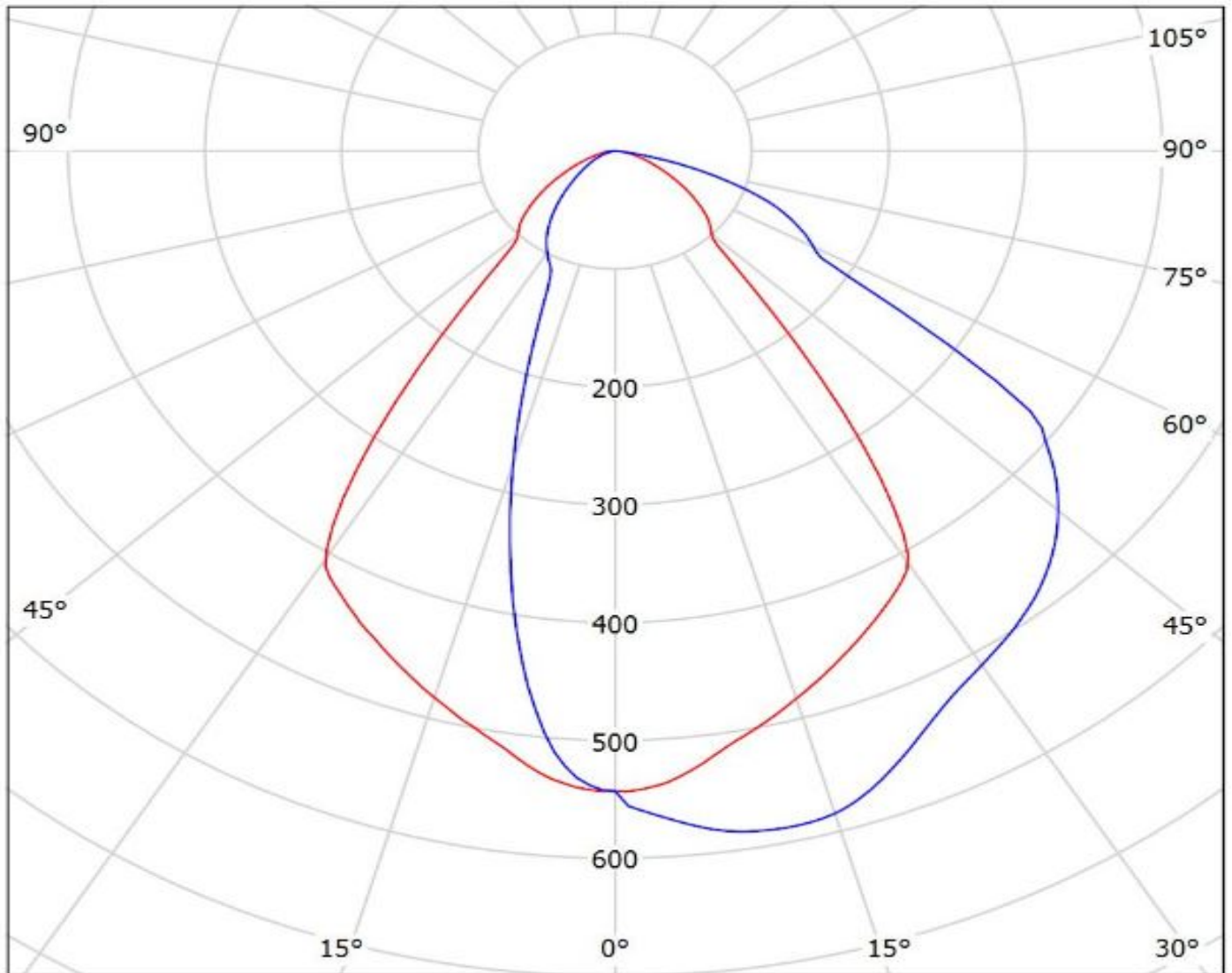
$\eta = 91\%$

— C0 - C180 — C90 - C270

Ledil CN14497_LENA-X-WAS_(CXA1816) / LDC (Polar)

Luminaire: Ledil CN14497_LENA-X-WAS_(CXA1816)

Lamps: 1 x CREE_CXA1816_(-30F-P2-N0H-00001)_1121.53lm@250mA_P=8.8W_I=0.25A



cd/klm

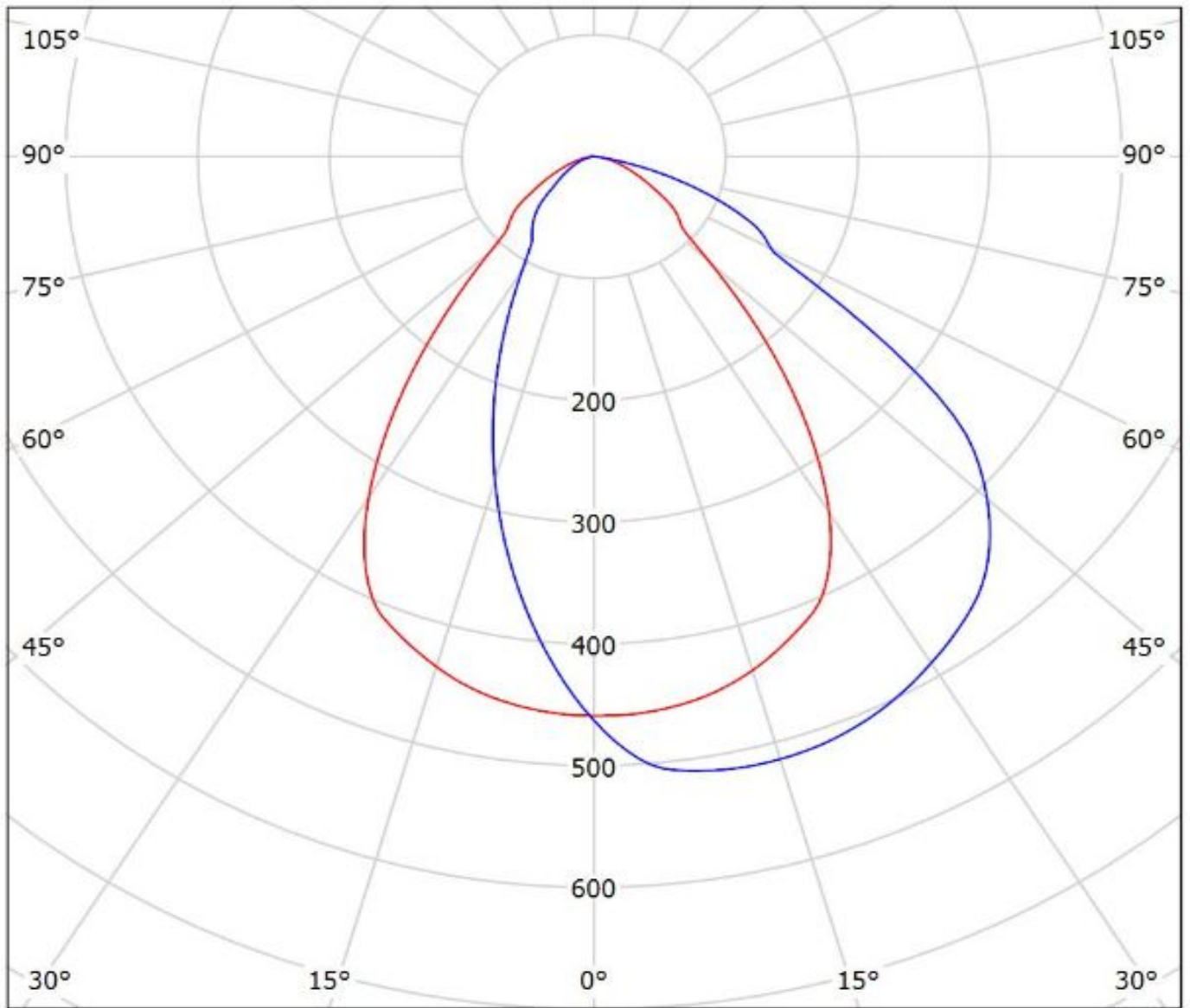
— C0 - C180

— C90 - C270

$\eta = 91\%$

Luminaire: Ledil C13101_LENA-X-WAS_(CoB_1216)

Lamps: 1 x Luxeon_CoB_1216_(L2C2-40801216E2300)_1475.81lm@250mA_P=7.9980W_l=0.25A



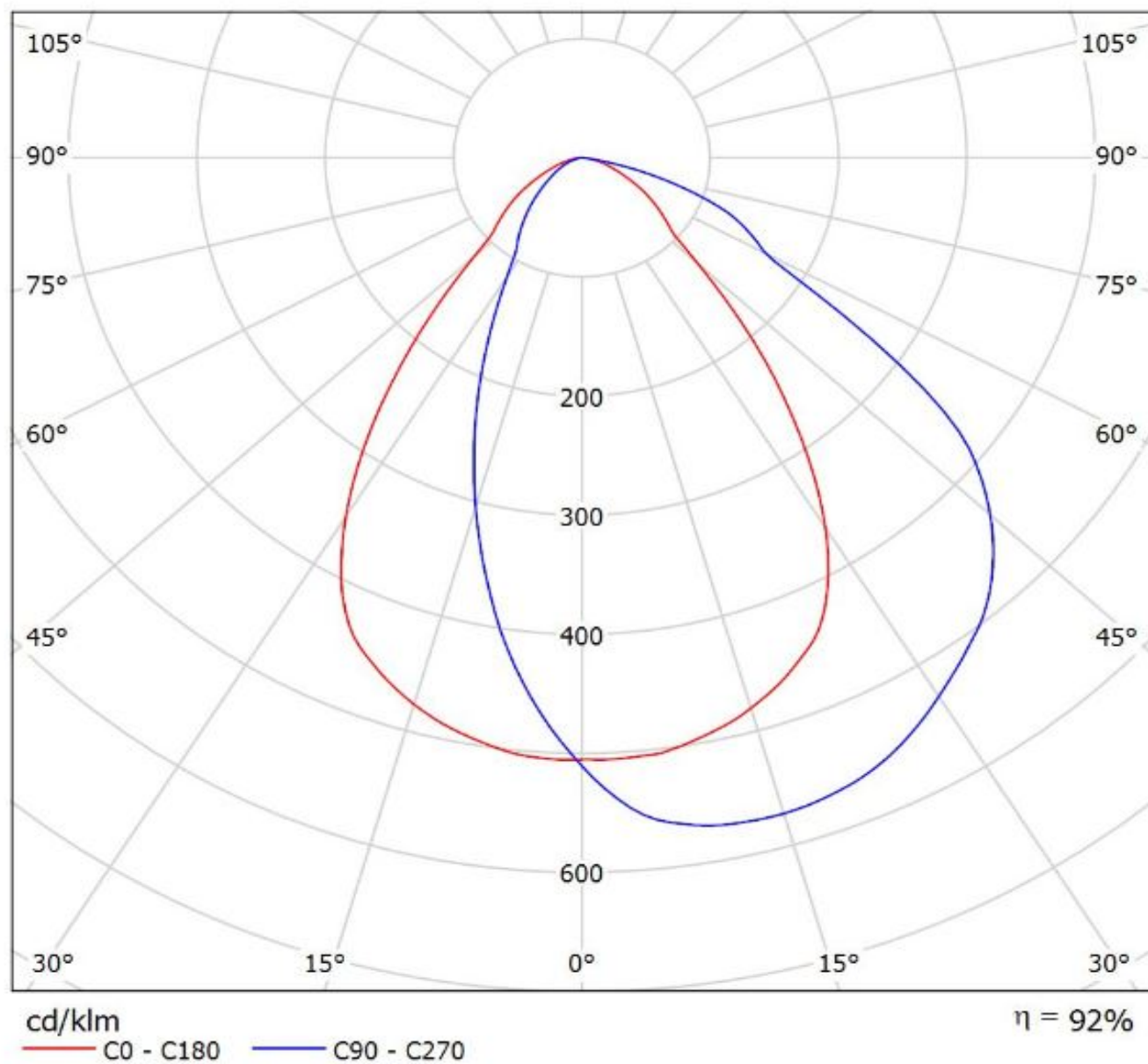
cd/klm

— C0 - C180 — C90 - C270

$\eta = 85\%$

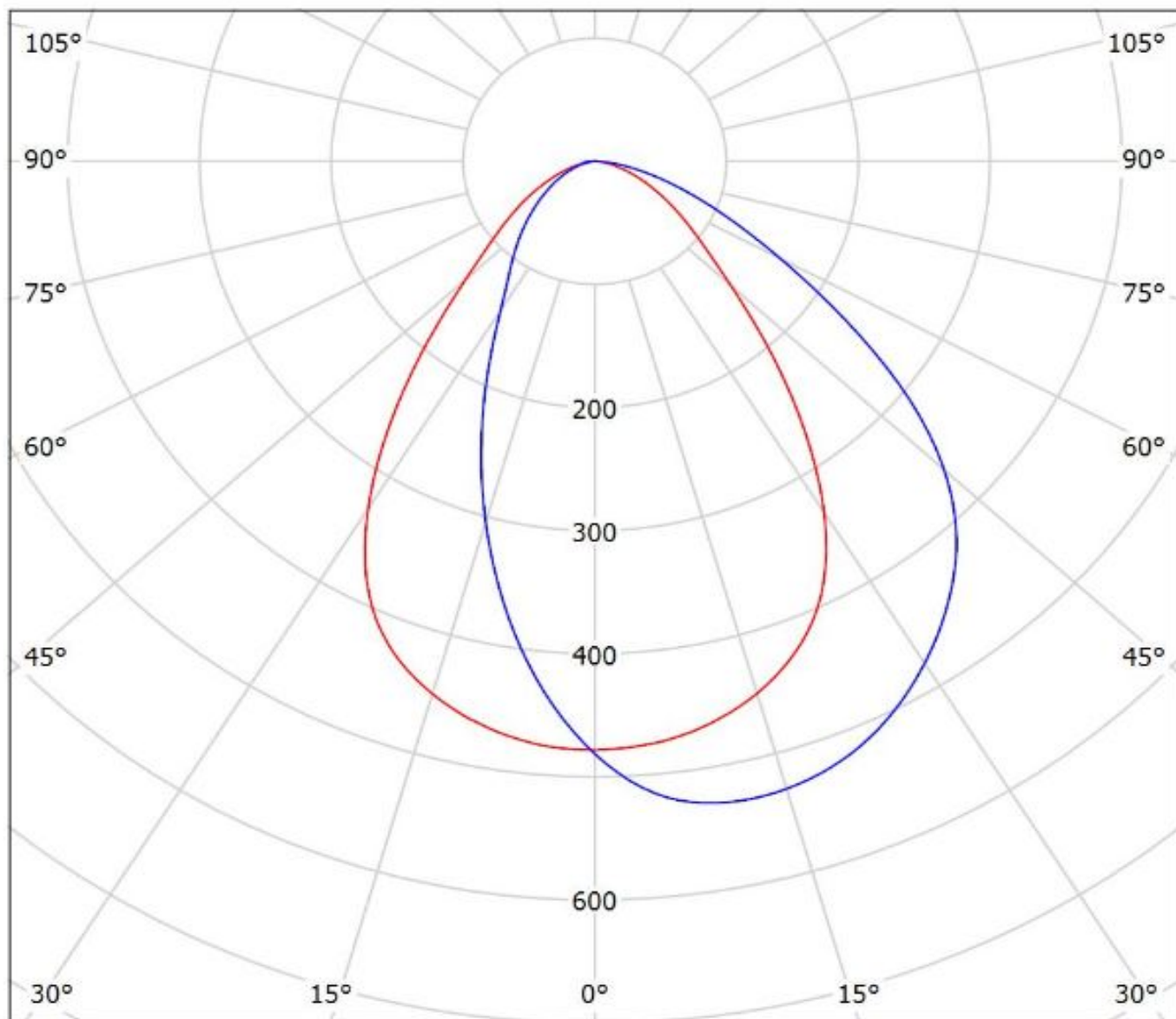
Luminaire: Ledil CN13370_LENA-X-WAS_(CoB_1216)

Lamps: 1 x Luxeon_CoB_1216_(L2C2-40801216E2300)_1399.13lm@250mA_P=8.0015W_I=0.25A



Luminaire: Ledil CN13372_LENA-X-WAS-DL_(CoB_1216)

Lamps: 1 x Luxeon_CoB_1216_(L2C2-40801216E2300)_1399.13lm@250mA_P=8.0015W_I=0.25A



cd/klm

— C0 - C180

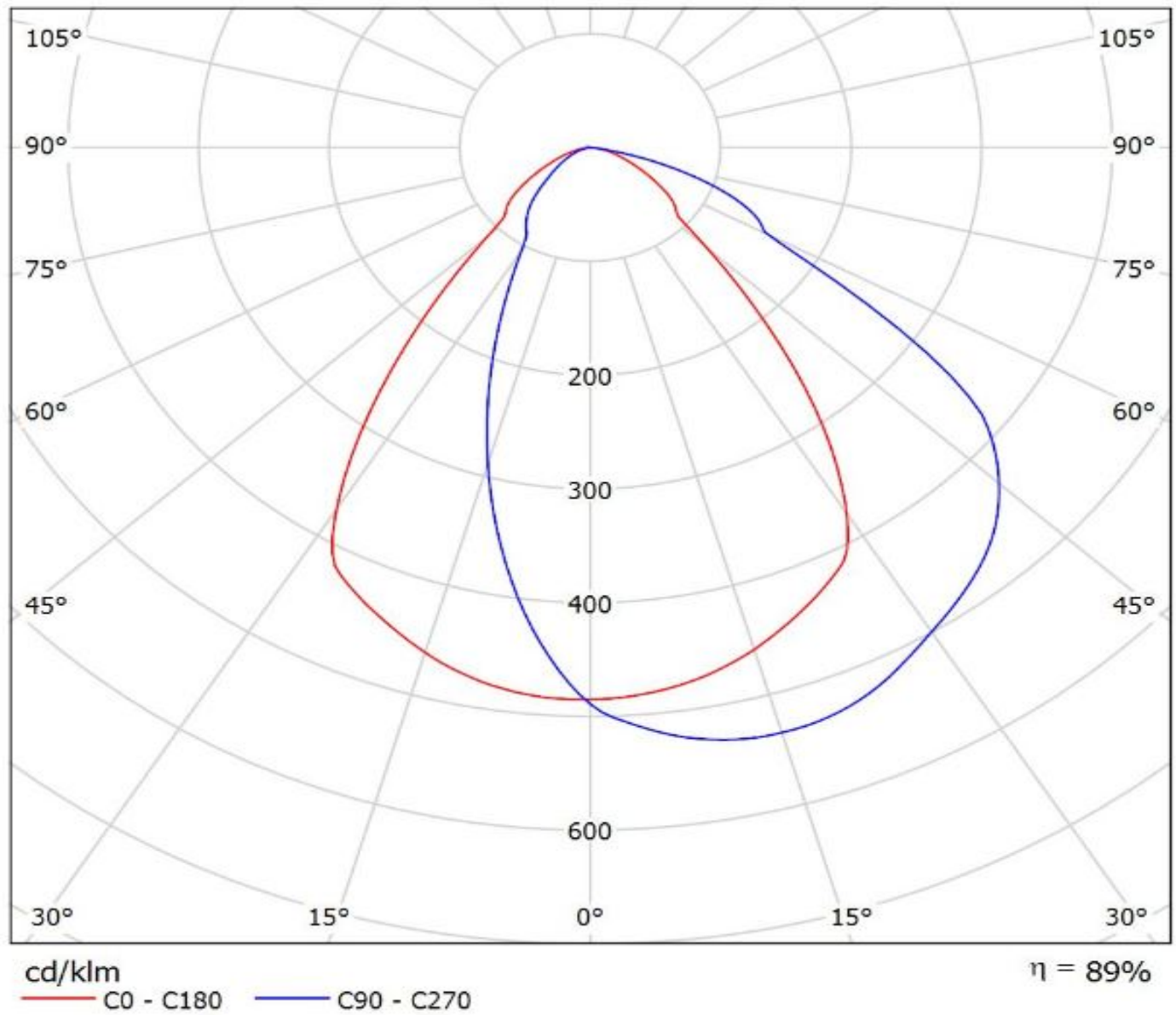
— C90 - C270

$\eta = 87\%$

Ledil CN14079_LENA-X-WAS_(CoB_1211)_(431_Typ_L3) / LDC (Polar)

Luminaire: Ledil CN14079_LENA-X-WAS_(CoB_1211)_(431_Typ_L3)

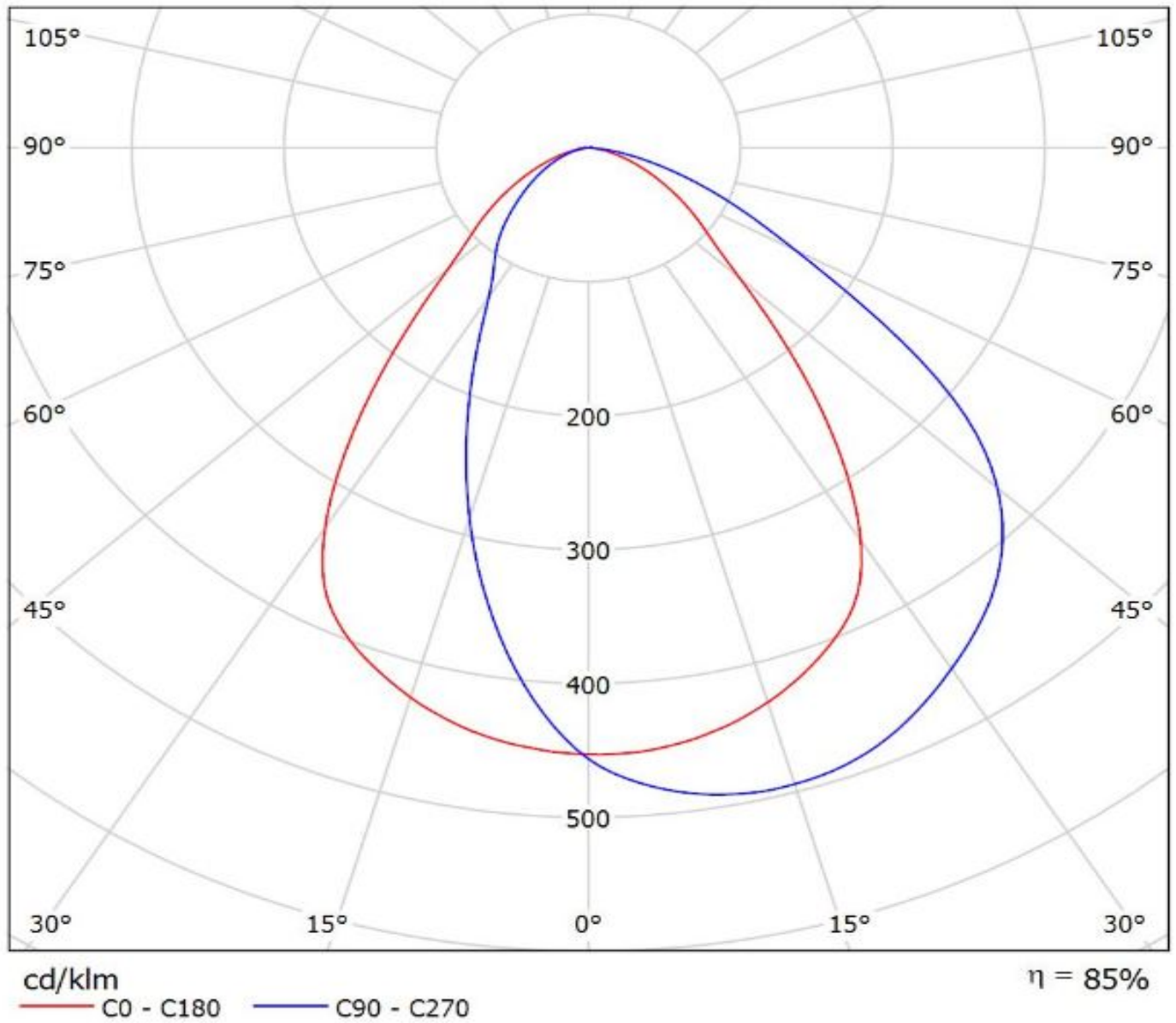
Lamps: 1 x Luxeon_CoB_1211_(LHC1-2790-1211)_919.63lm@250mA_P=8.W_I=0.25A



Ledil CN14080_LENA-X-WAS-DL_(CoB_1211)_(431_Typ_L3) / LDC (Polar)

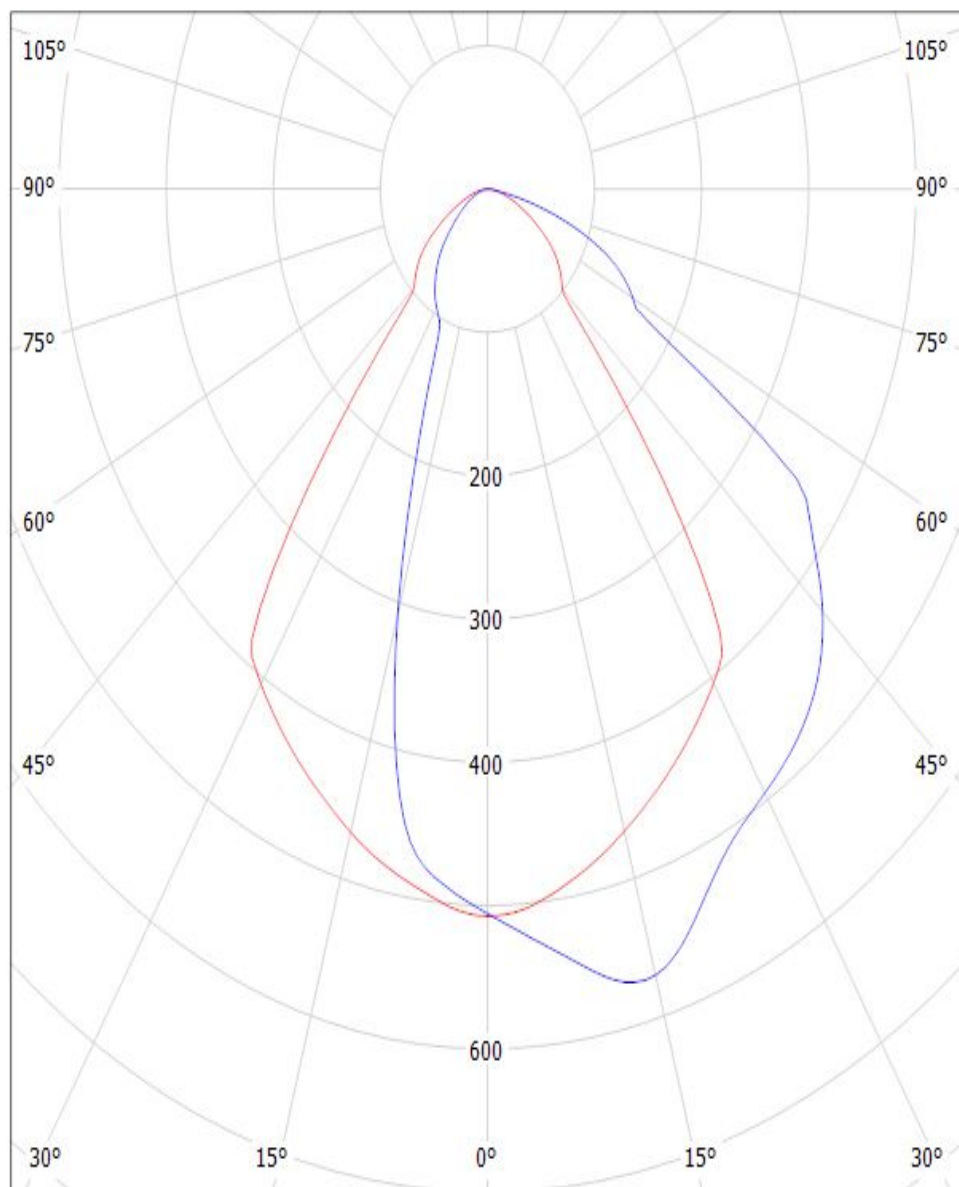
Luminaire: Ledil CN14080_LENA-X-WAS-DL_(CoB_1211)_(431_Typ_L3)

Lamps: 1 x Luxeon_CoB_1211_(LHC1-2790-1211)_919.63lm@250mA_P=8.W_I=0.25A



Luminaire: LEDiL Oy CN14085_LENA-X-WAS_(Luxeon_CoB_1203)

Lamps: 1 x Luxeon_COB_1203_(LHC1-3080-1203)_(C13868_LENA-STD-BASE-VERO13-18)_(438_Typ_L1)_990.674lm@250mA_P=8.70128W_I=0.2498A



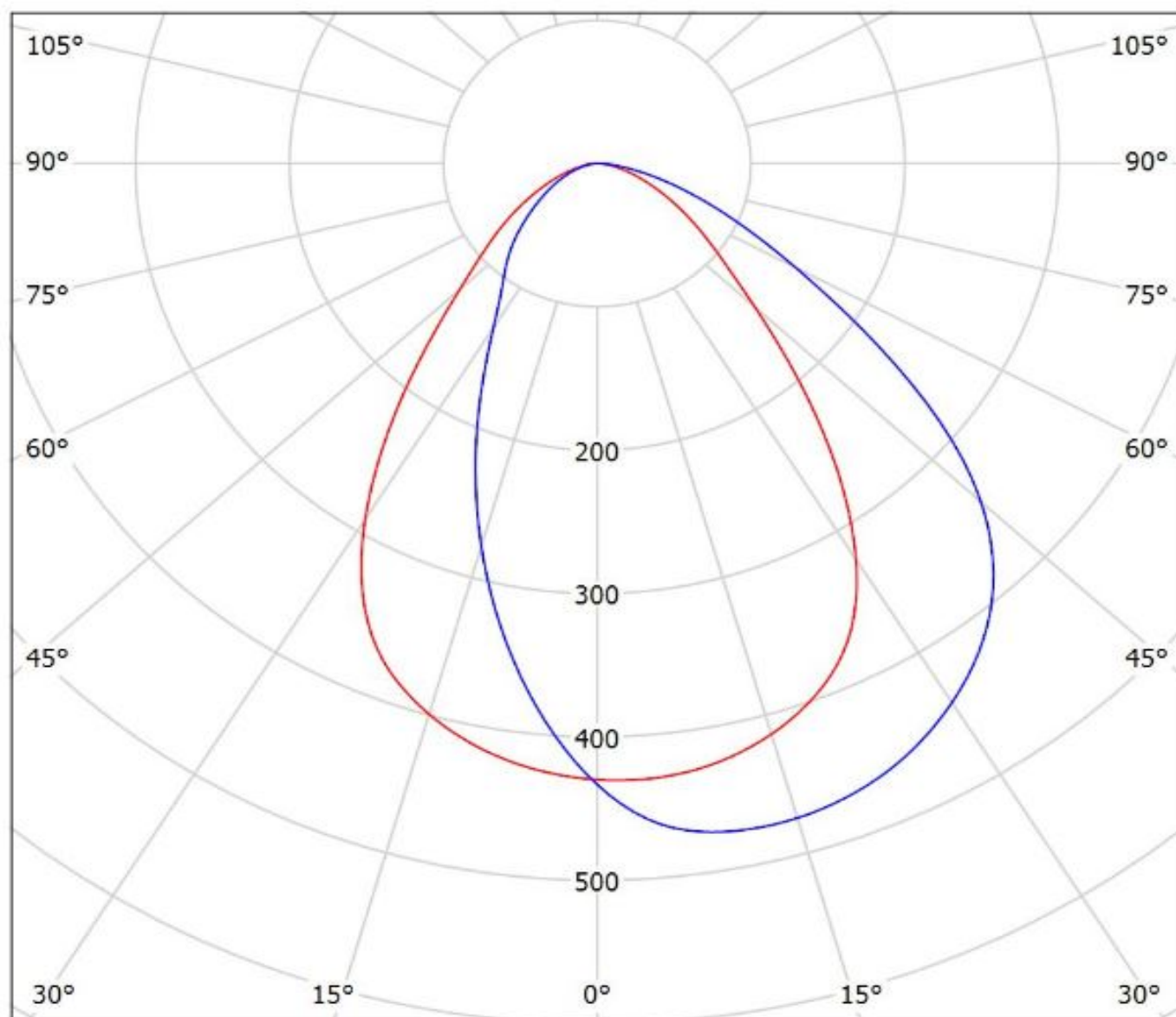
cd/klm

$\eta = 91\%$

— C0 - C180 — C90 - C270

Luminaire: Ledil CN14581_LENA-X-WAS-DL_(CoB_1216)

Lamps: 1 x Luxeon_CoB_1216_(L2C2-40801216E2300)_1475.81lm@250mA_P=7.9980W_I=0.25A

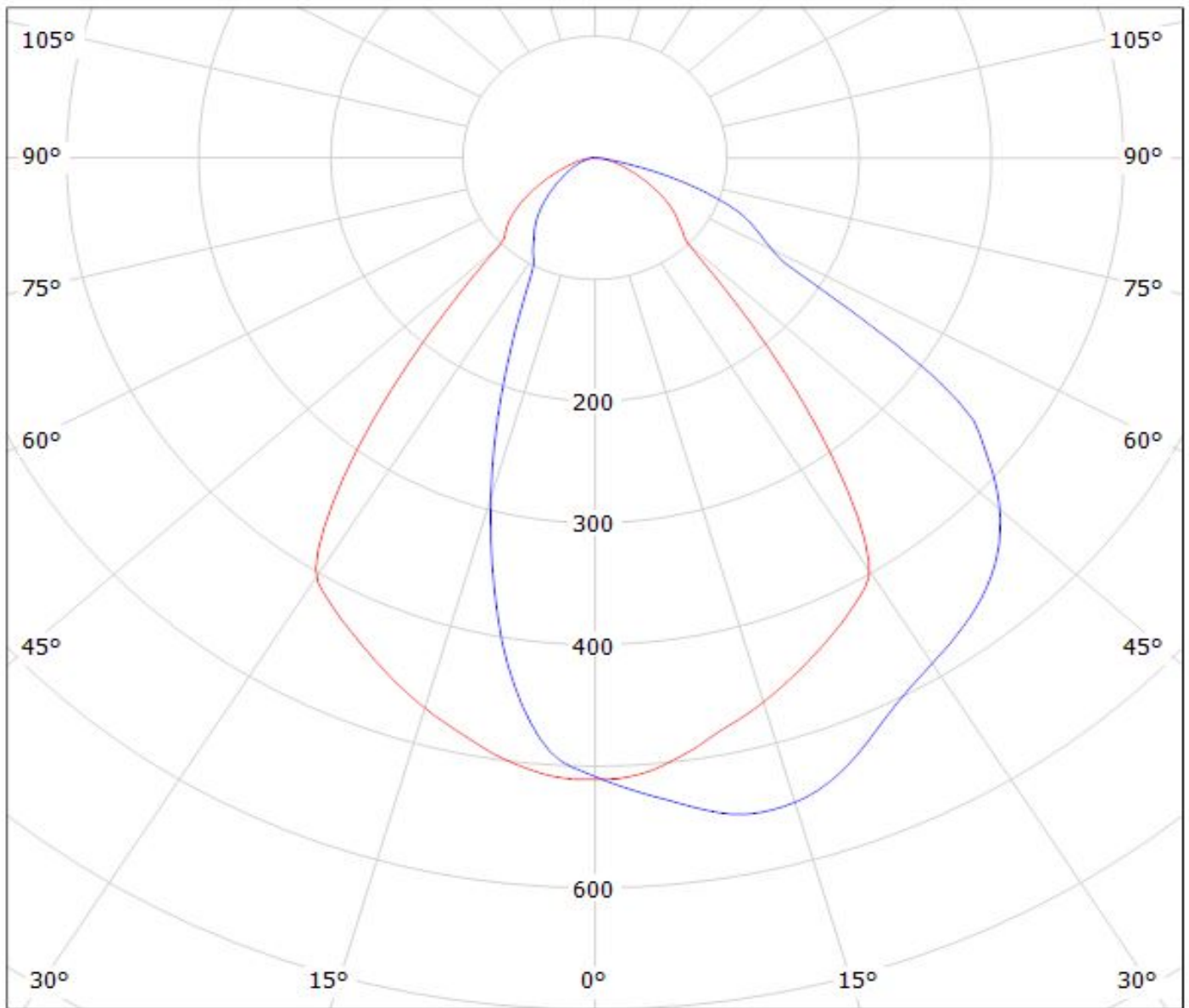


cd/klm

— C0 - C180 — C90 - C270

$\eta = 81\%$

Luminaire: LEDiL Oy CN13369_LENA-X-WAS_(CXM-14)
Lamps: 1 x LUMINUS_XNOVA_CXM-14_(AC00)
_1071.53lm@250mA_CCT=3133K_P=8.34507W_I=249.8mA



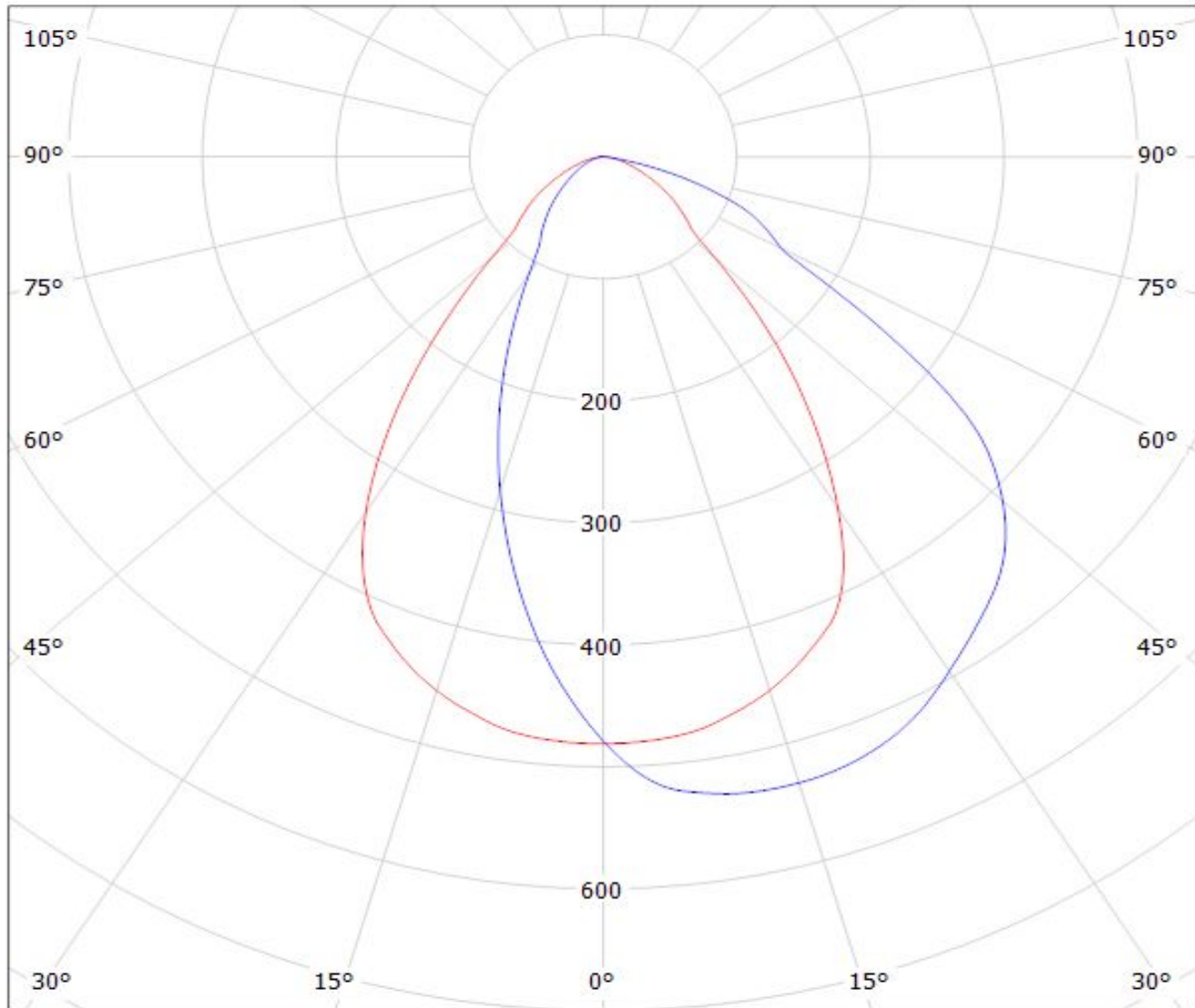
cd/klm

$\eta = 88\%$

— C0 - C180

— C90 - C270

Luminaire: LEDiL Oy CN13370_LENA-X-WAS_(CXM-22) Eff.85.7%
Lamps: 1 x LUMINUS_CXM-22_1215.27lm@250mA_P=7.9903W_CCT=3000K_I=249.9mA



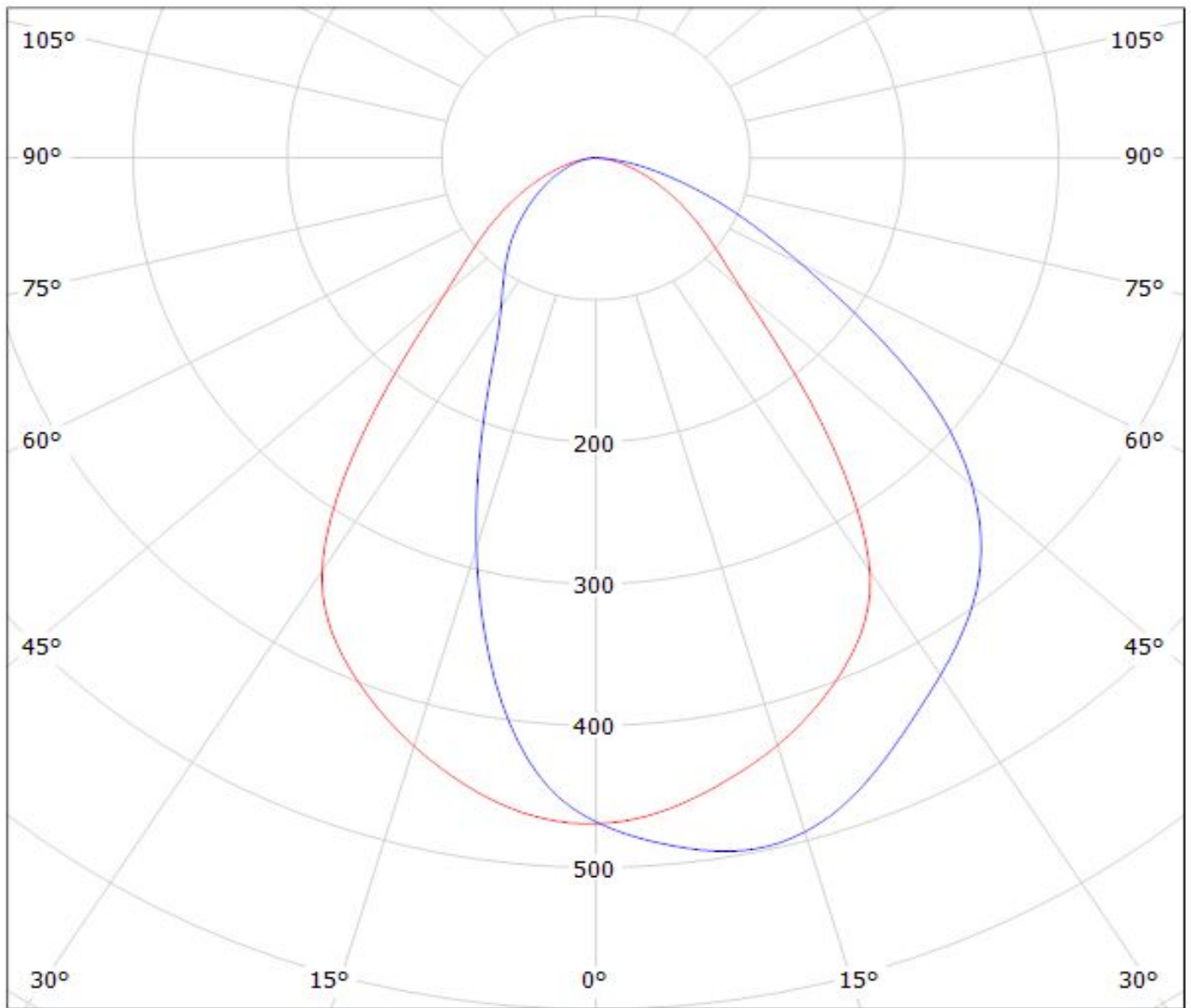
cd/klm

— C0 - C180

— C90 - C270

$\eta = 86\%$

Luminaire: LEDiL Oy CN13371_LENA-X-WAS-DL_(CXM-14)
Lamps: 1 x LUMINUS_XNOVA_CXM-14_(AC00)
_1071.53lm@250mA_CCT=3133K_P=8.34507W_I=249.8mA



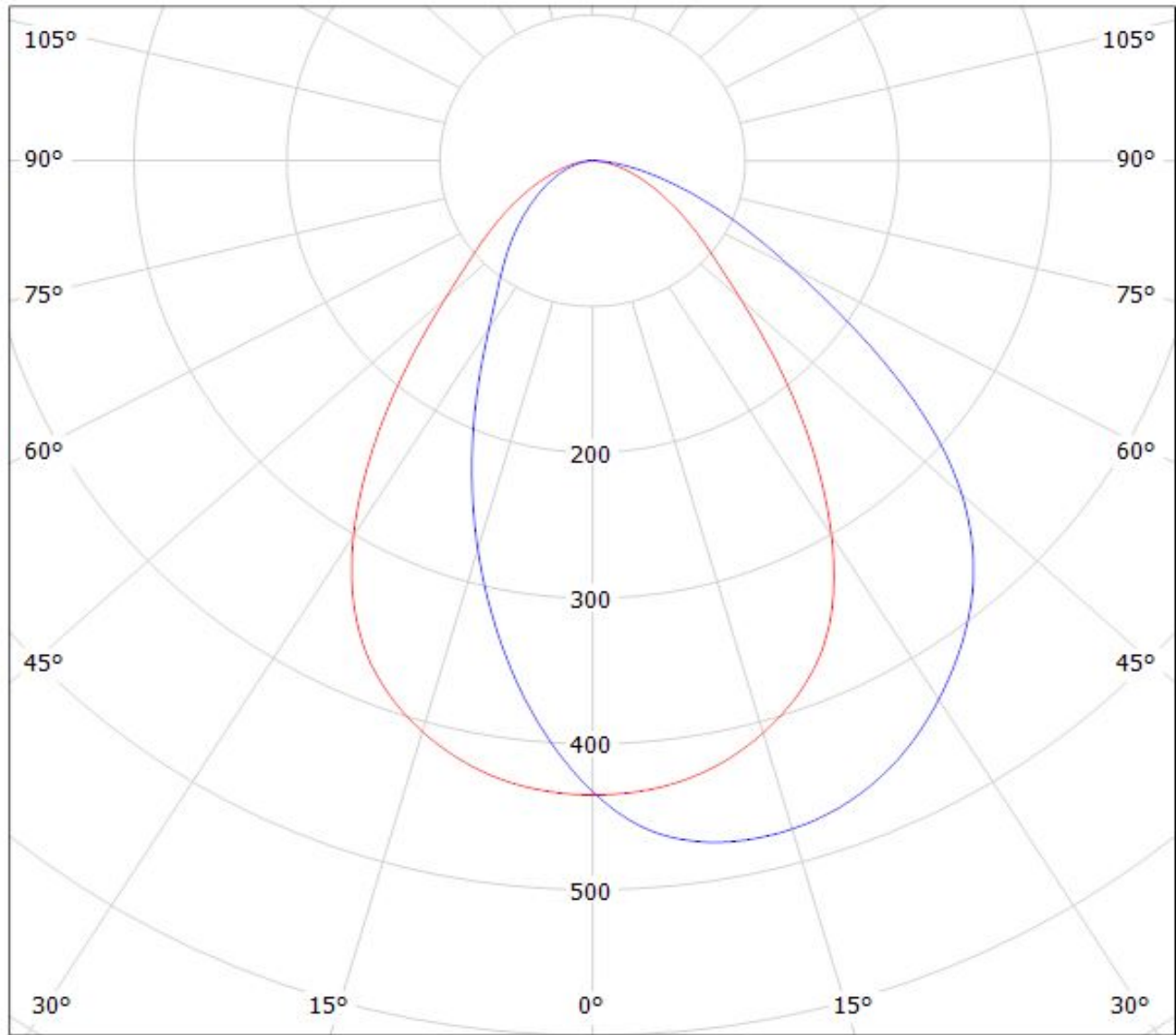
cd/klm

— C0 - C180 — C90 - C270

$\eta = 83\%$

Luminaire: LEDiL Oy CN13372_LENA-X-WAS-DL_(CXM-22) Eff.80.5%

Lamps: 1 x LUMINUS_CXM-22_1215.27lm@250mA_P=7.9903W_CCT=3000K_I=249.9mA



cd/klm

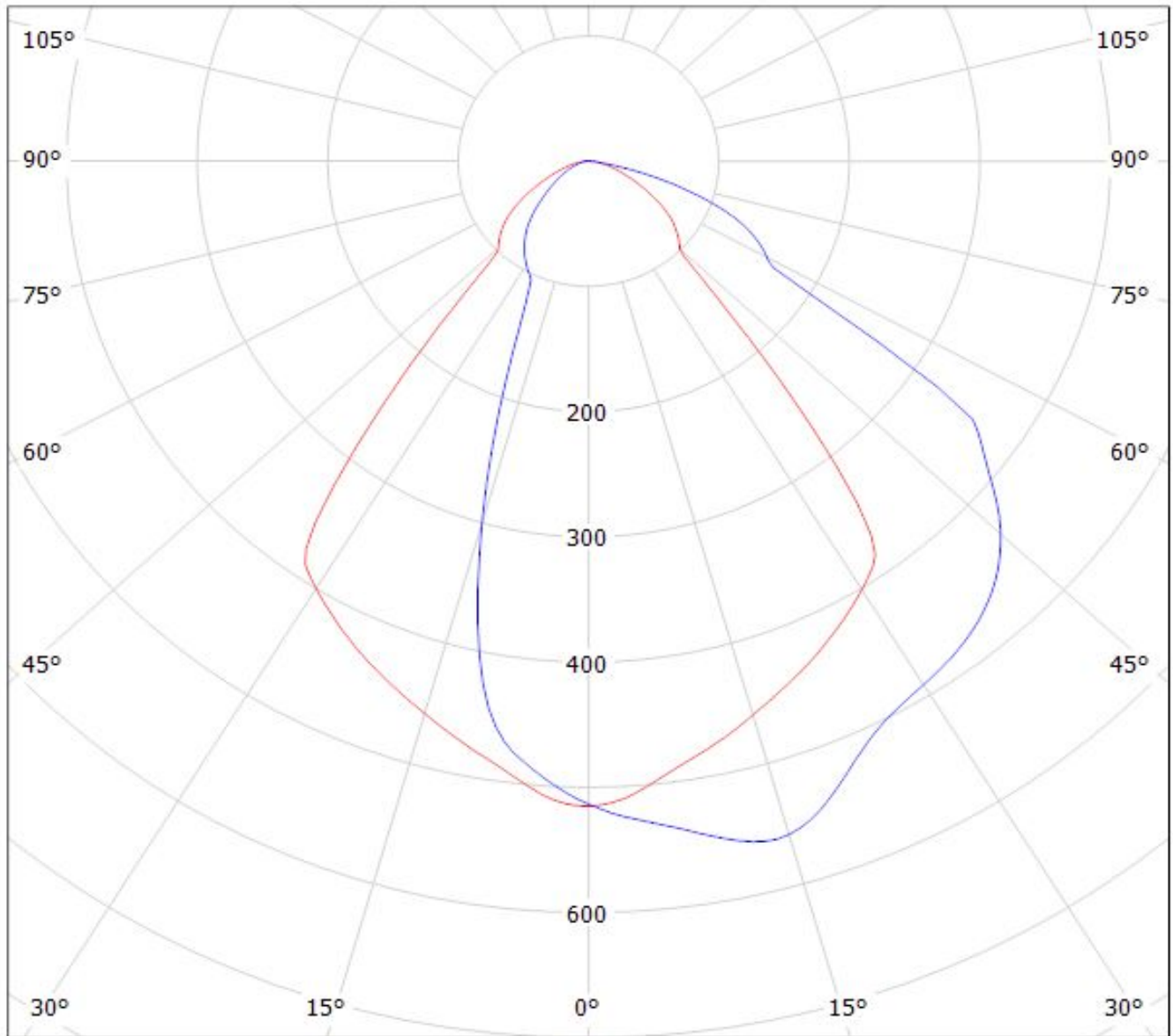
$\eta = 80\%$

— C0 - C180

— C90 - C270

Luminaire: LEDiL Oy CN14085_LENA-X-WAS_(NFCxL036B)

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



cd/klm

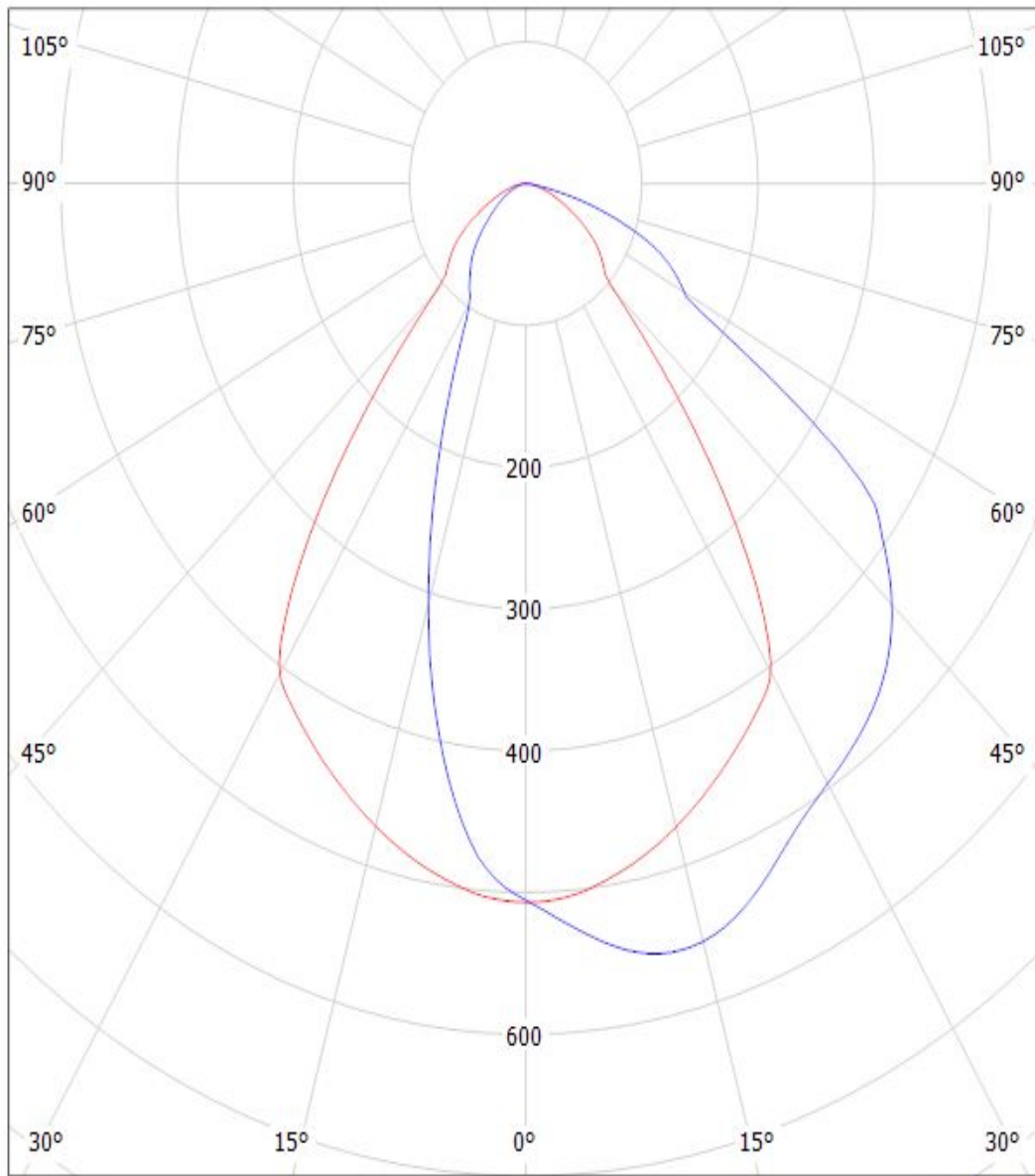
— C0 - C180

— C90 - C270

$\eta = 91\%$

Luminaire: LEDiL Oy CN14085_LENA-X-WAS_(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



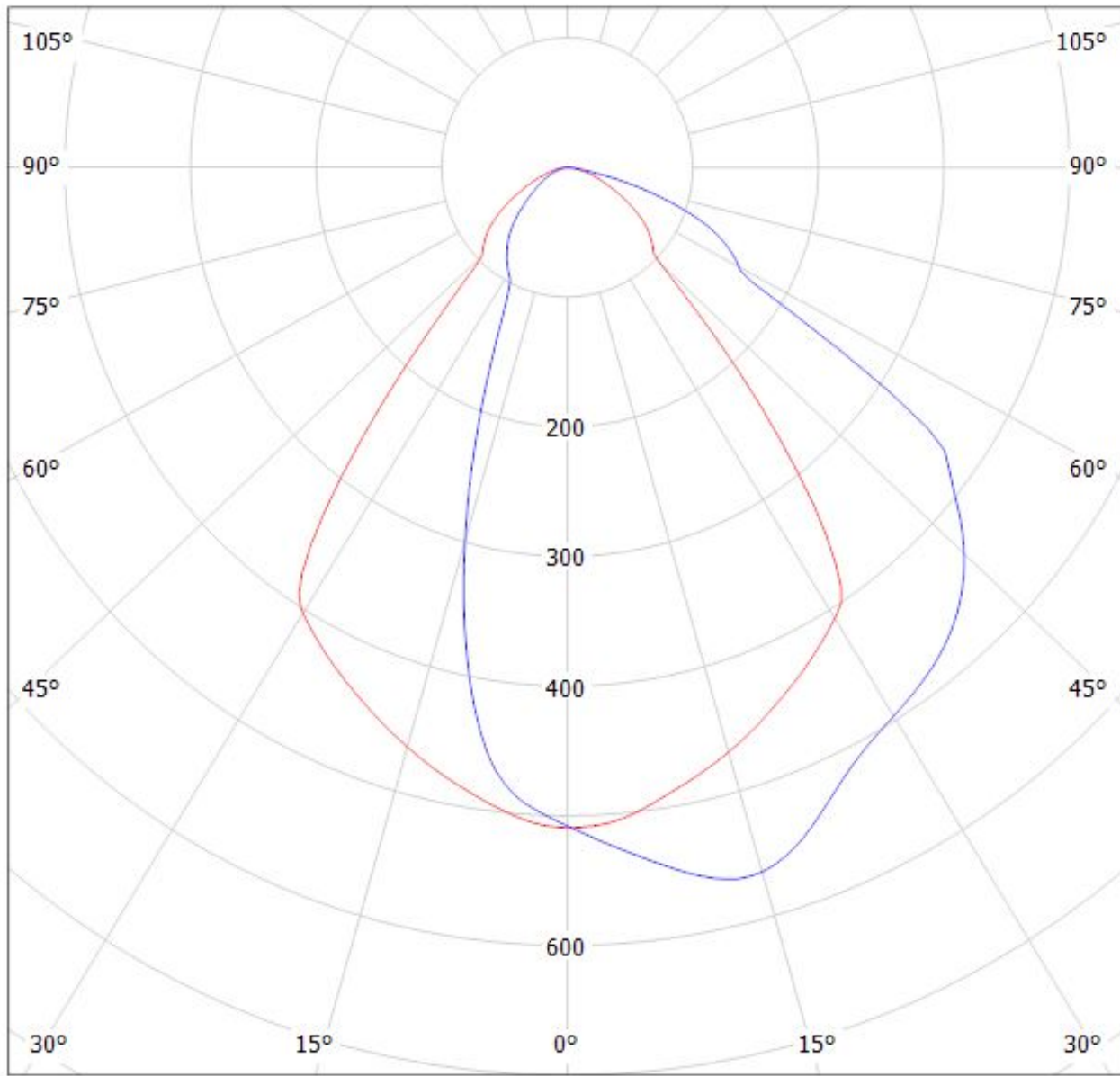
cd/klm

— C0 - C180 — C90 - C270

$\eta = 91\%$

Luminaire: LEDiL Oy CN14085_LENA-X-WAS_(NFCxL060B)

Lamps: 1 x Nichia_NFCxL060B_(SM403G2450R8000)_(438_Typ_L1)_1290.14lm@250mA_P=8.47486W_I=0.2499A



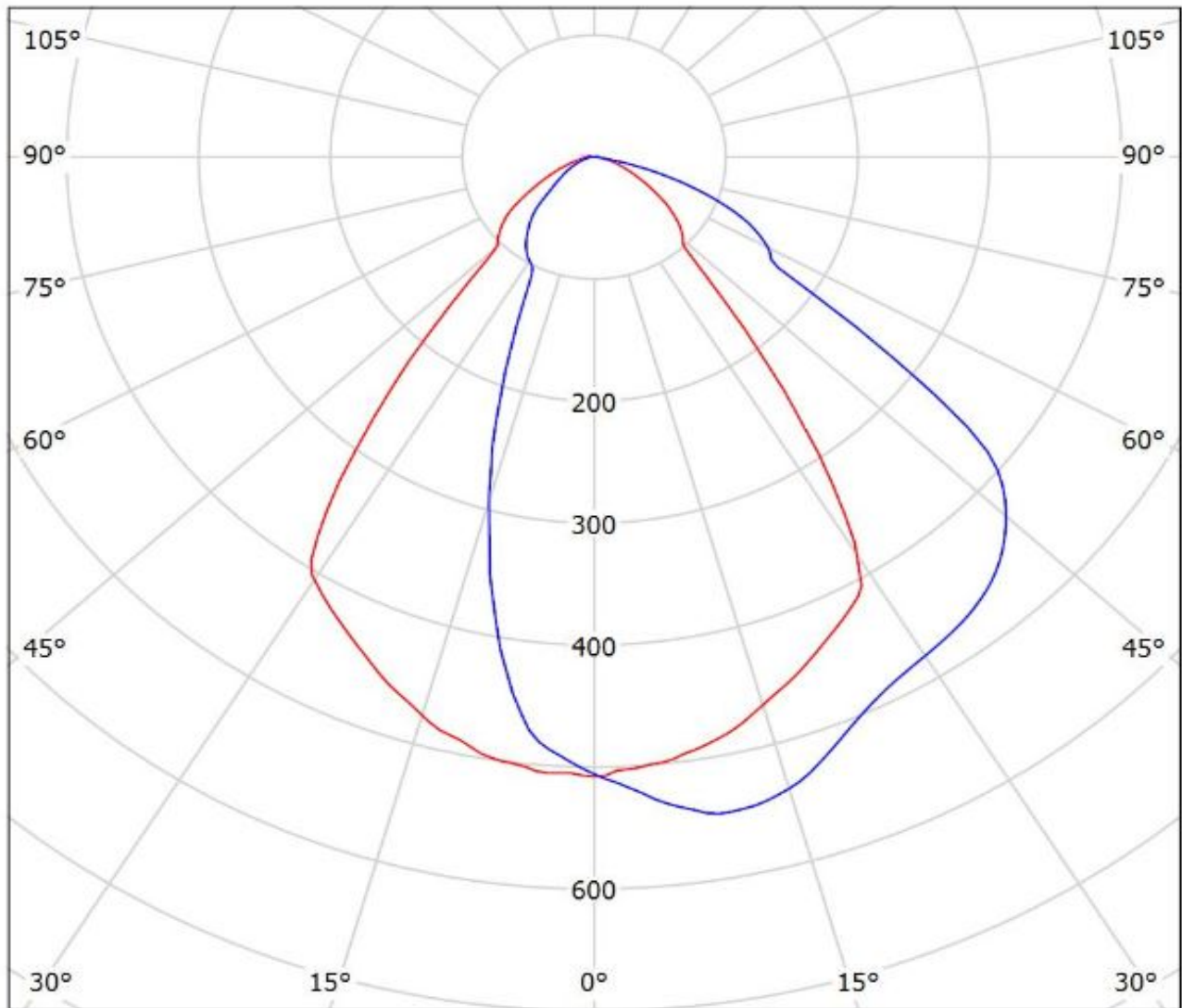
cd/klm

$\eta = 91\%$

— C0 - C180 — C90 - C270

Luminaire: LEDiL Oy C13101_LENA-X-WAS_(SOLERIQ_P13)

Lamps: 1 x SOLERIQ_P13_(GW_MAGMB1.EM)_1018.49lm@250mA_CCT=3000K_P=8.79046W_I=249.8mA



cd/klm

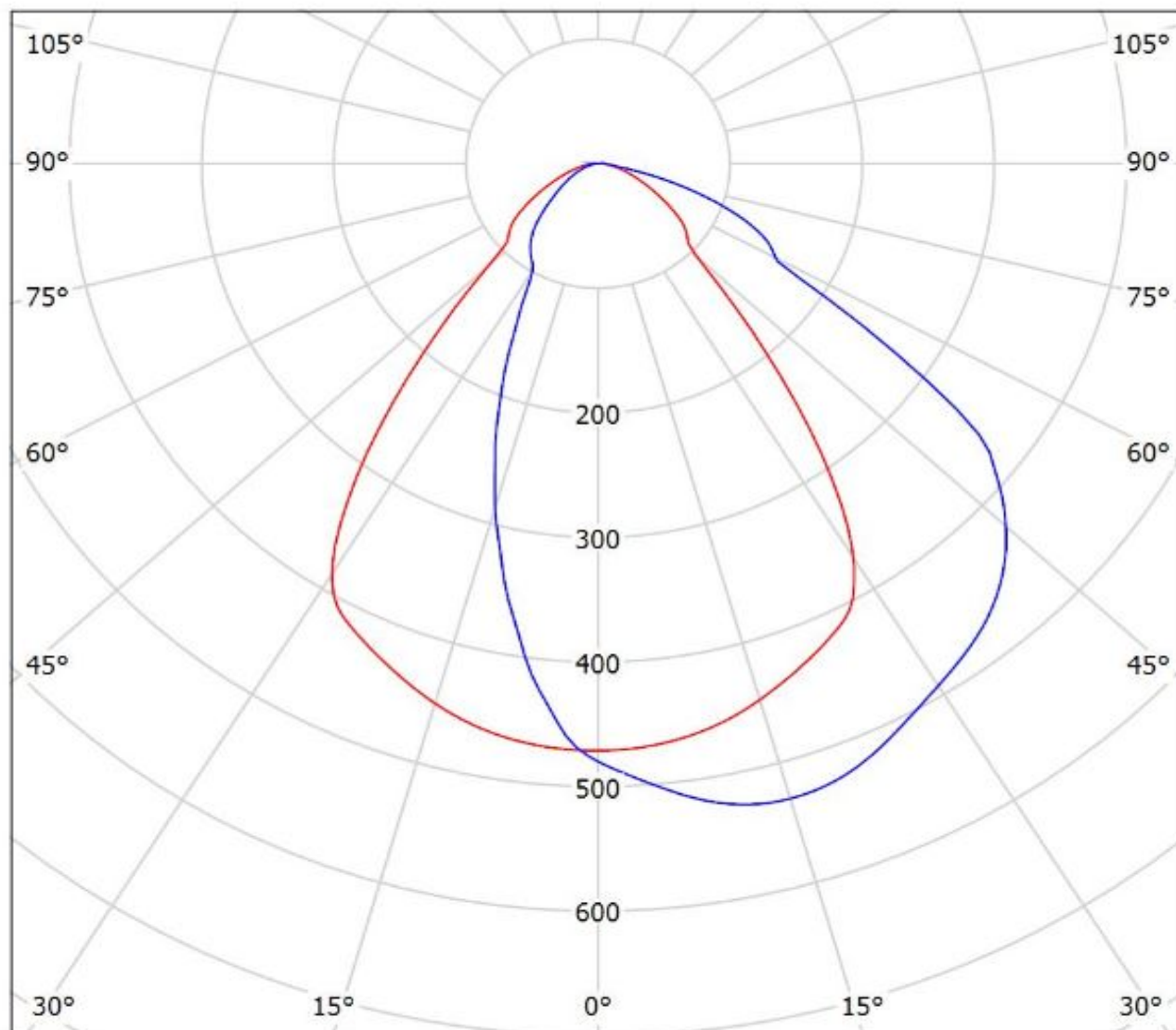
— C0 - C180

— C90 - C270

$\eta = 87\%$

Luminaire: Ledil CN14079_LENA-X-WAS_(S19)

Lamps: 1 x Osram_Soleriq_S19_(GW_KAHJB1.EM)_1620.78lm@250mA_CCT=3000K_P=10.76975W_I=0.25A



cd/klm

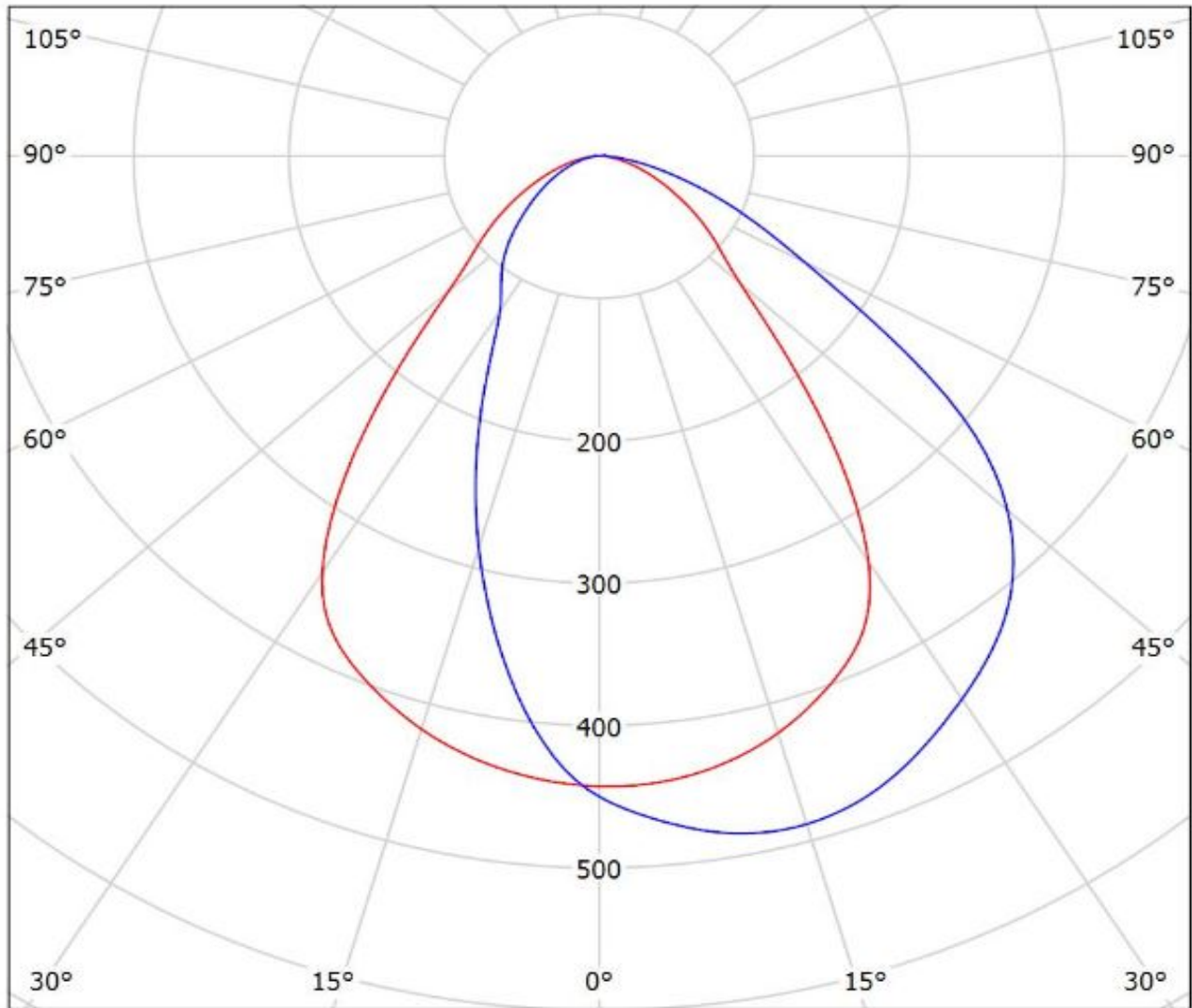
— C0 - C180

— C90 - C270

$\eta = 89\%$

Luminaire: Ledil CN14080_LENA-X-WAS-DL_(S19)

Lamps: 1 x Osram_Soleriq_S19_(GW_KAHJB1.EM)_1620.78lm@250mA_CCT=3000K_P=10.76975W_I=0.25A



cd/klm

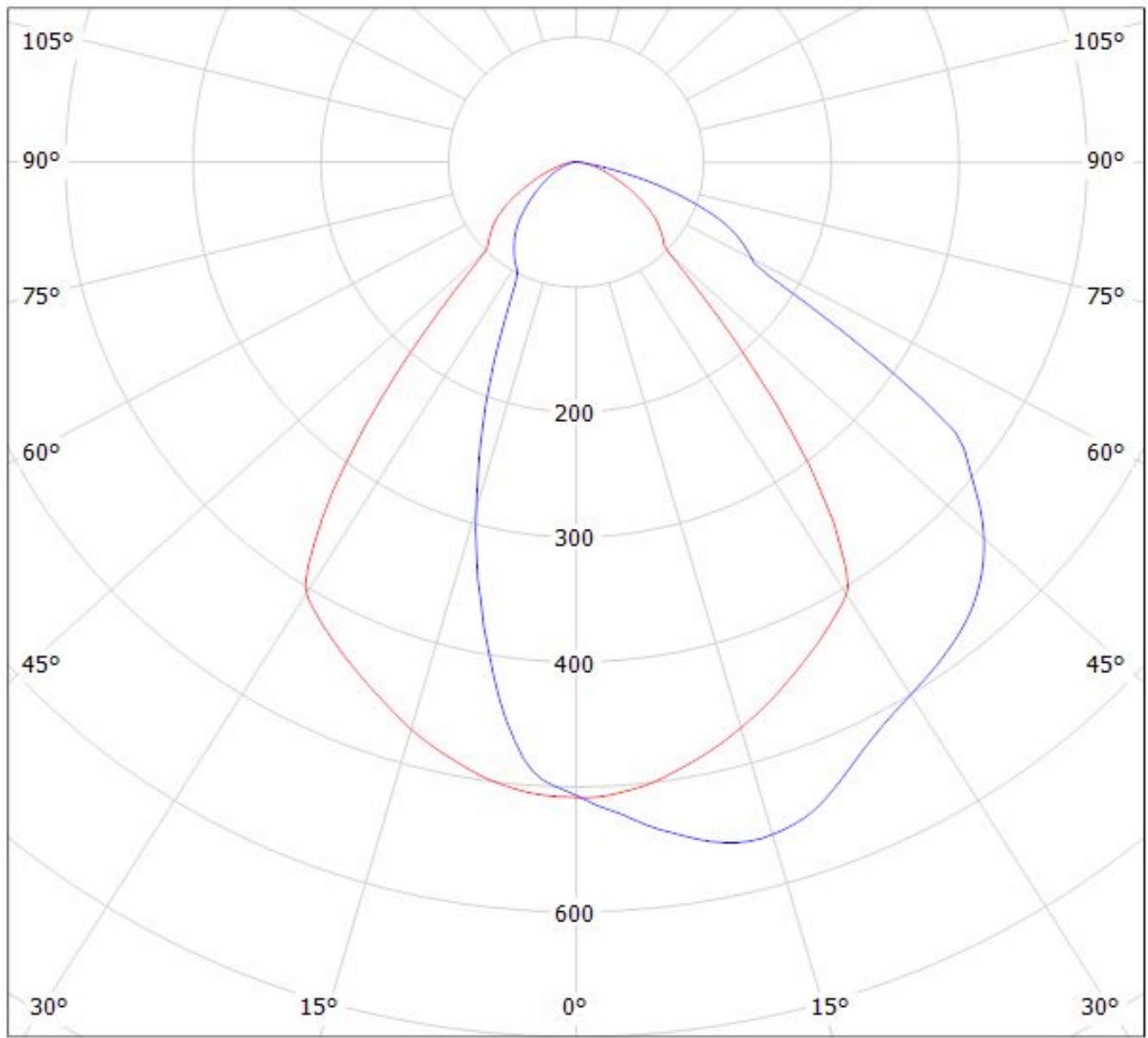
— C0 - C180

— C90 - C270

$\eta = 85\%$

Luminaire: LEDiL Oy CN14085_LENA-X-WAS_(Soleriq_P13)

Lamps: 1 x Osram_Soleriq_P13_912.055lm@250mA_P=8.78946W_I=0.25A



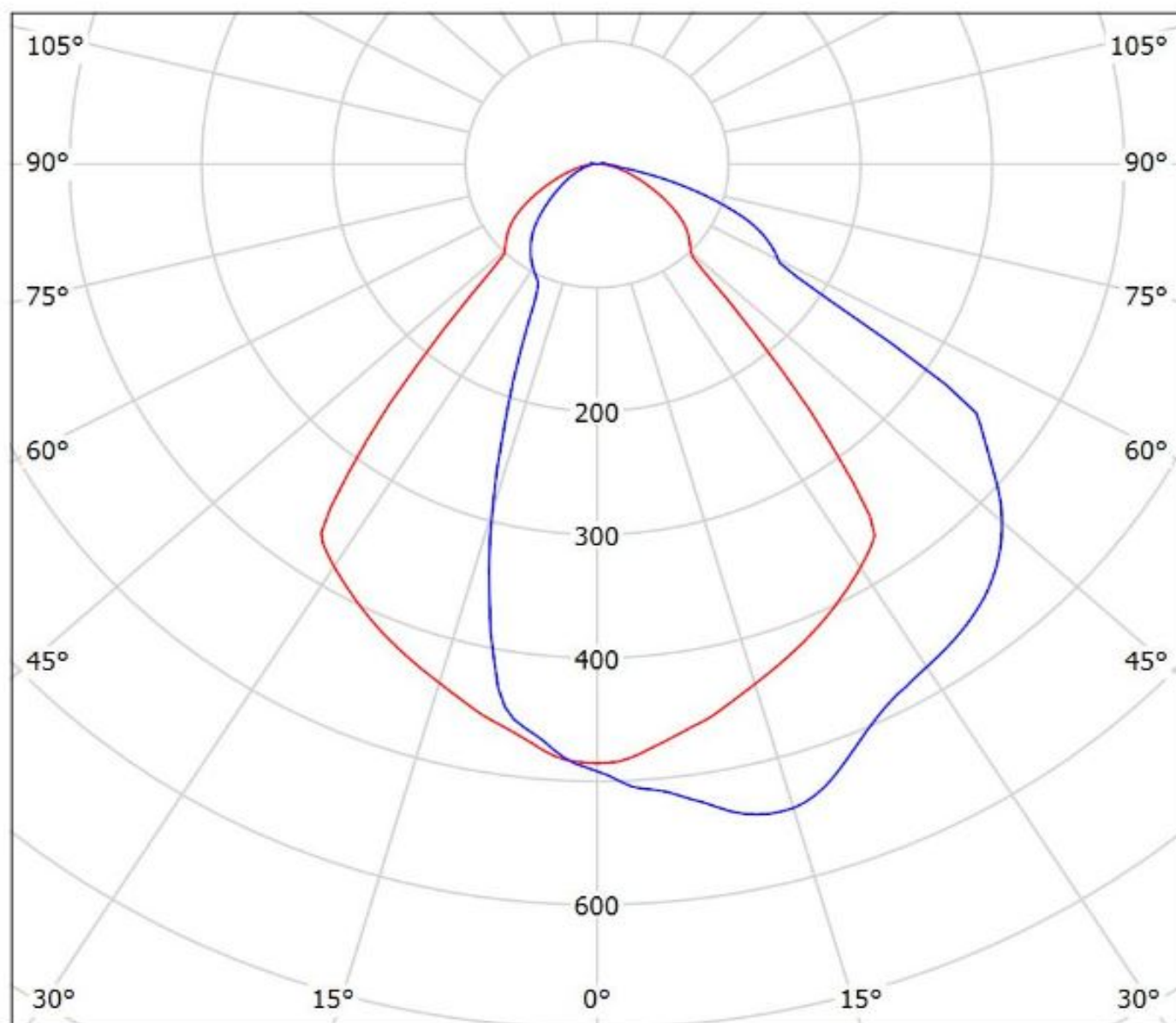
cd/klm

— C0 - C180 — C90 - C270

$\eta = 91\%$

Luminaire: Ledil CN14085_LENA-X-WAS_(Soleriq_P9)

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



cd/klm

— C0 - C180

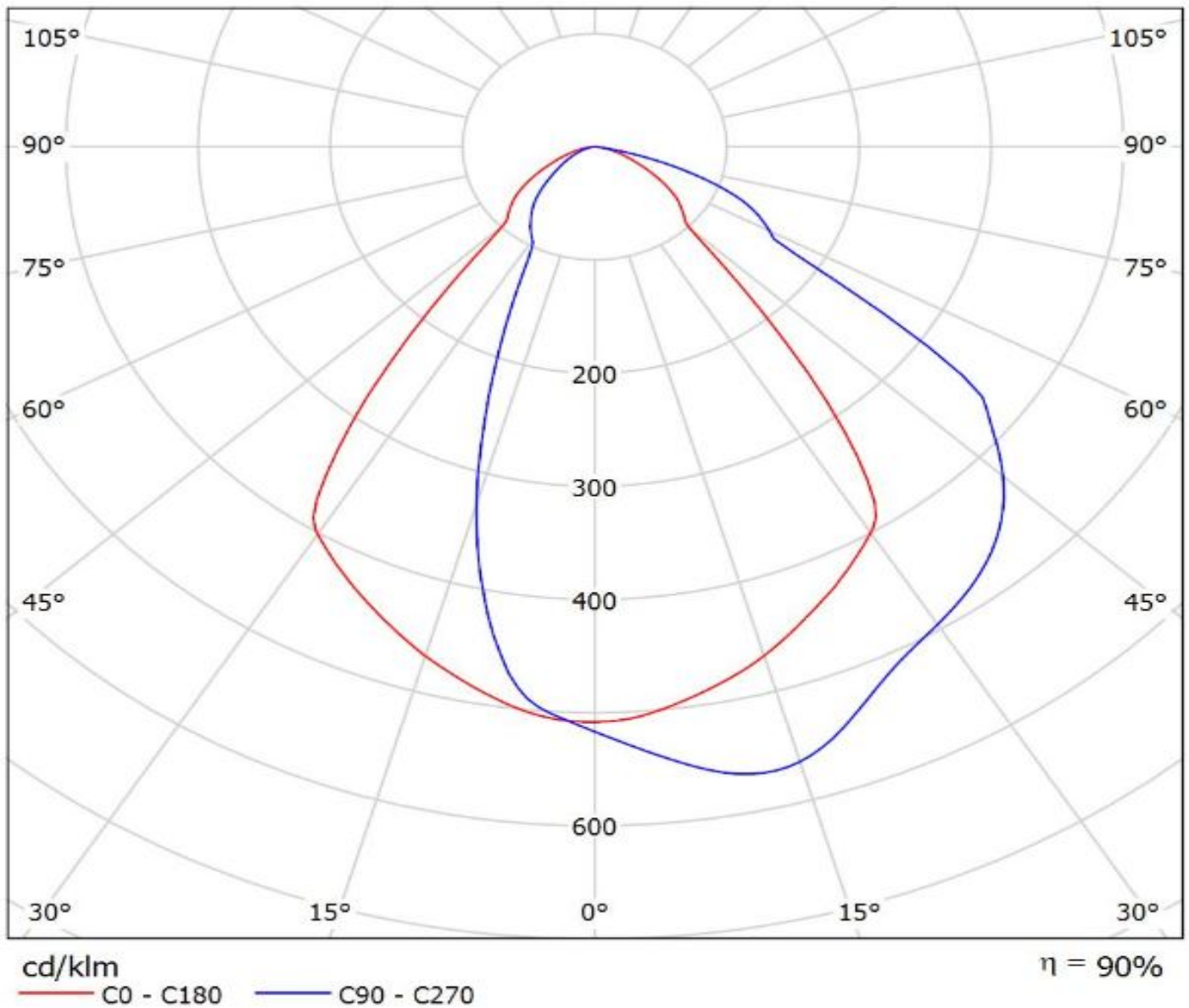
— C90 - C270

$\eta = 91\%$

Ledil CN14085_LENA-X-WAS_(Soleriq_S13) / LDC (Polar)

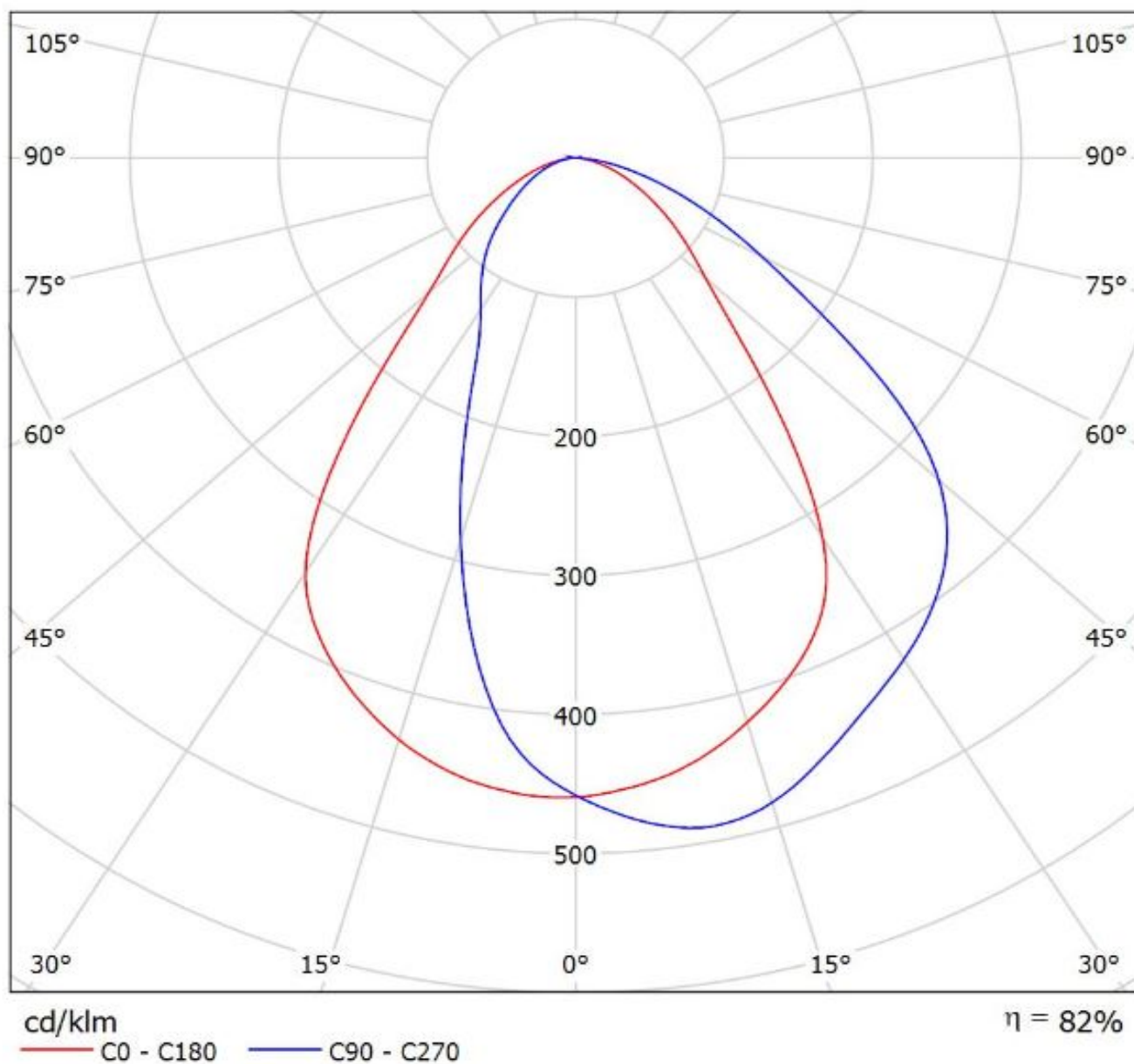
Luminaire: Ledil CN14085_LENA-X-WAS_(Soleriq_S13)

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

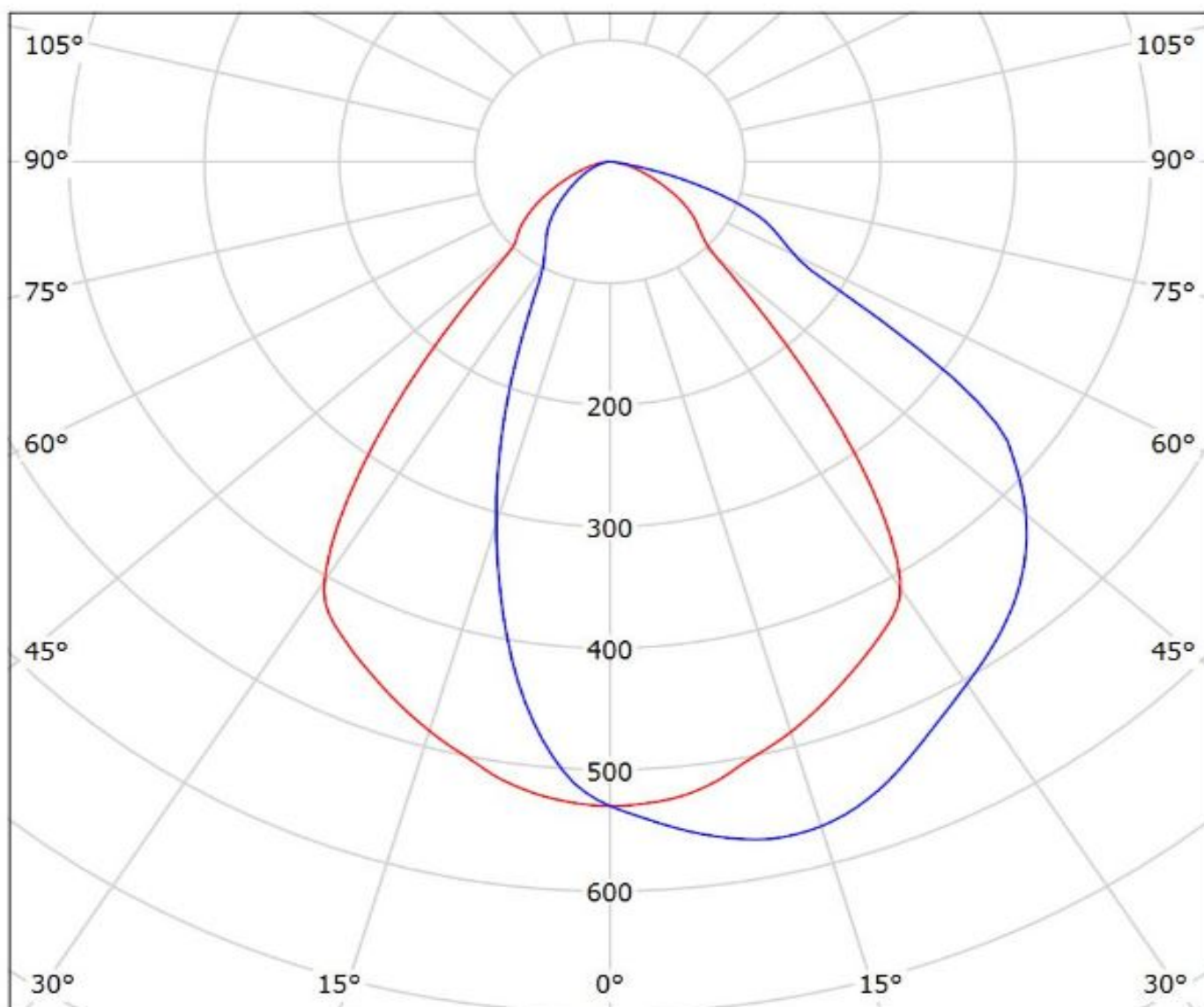


Luminaire: LEDiL Oy CN14581_LENA-X-WAS-DL_(SOLERIQ_P13)

Lamps: 1 x SOLERIQ_P13_(GW_MAGMB1.EM)_1018.49lm@250mA_CCT=3000K_P=8.79046W_I=249.8mA



Luminaire: Ledil CN13369_LENA-X-WAS_(COB-D_LES_14.5mm)
Lamps: 1 x Samsung_COB-D_Series_LES_14.5mm_(LC026D)
+_C12691_1263.5lm@250mA_CCT=3000K_P=8.1565W_I=0.25A



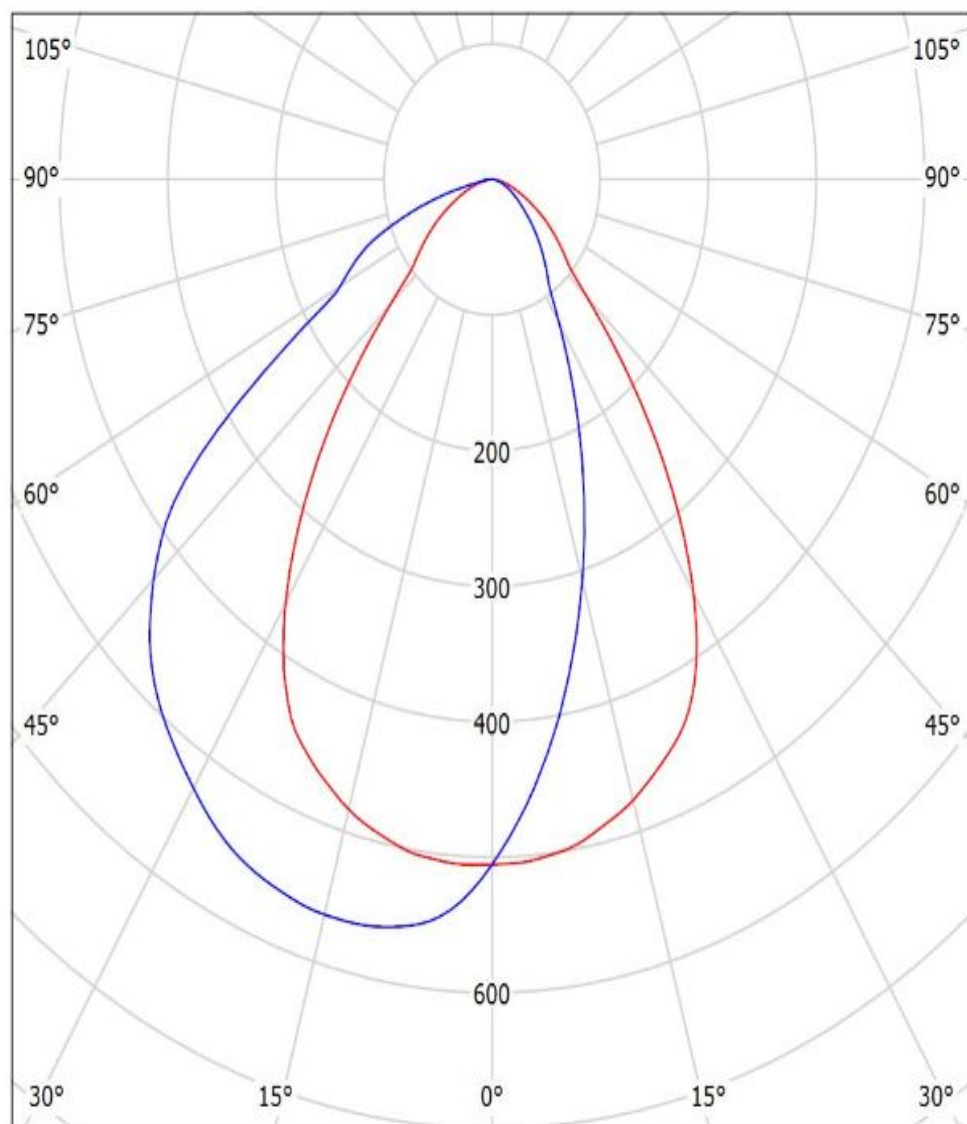
cd/klm

— C0 - C180 — C90 - C270

$\eta = 91\%$

Luminaire: Ledil CN13370_LENA-X-WAS_(COB_D_LES_22mm)

Lamps: 1 x Samsung_COB_D_LES_22mm_(SPHWAHDNK25YZT3D1)+C12692_1511.79lm@250mA_CCT=4000K_P=8.0675W_I=0.250A



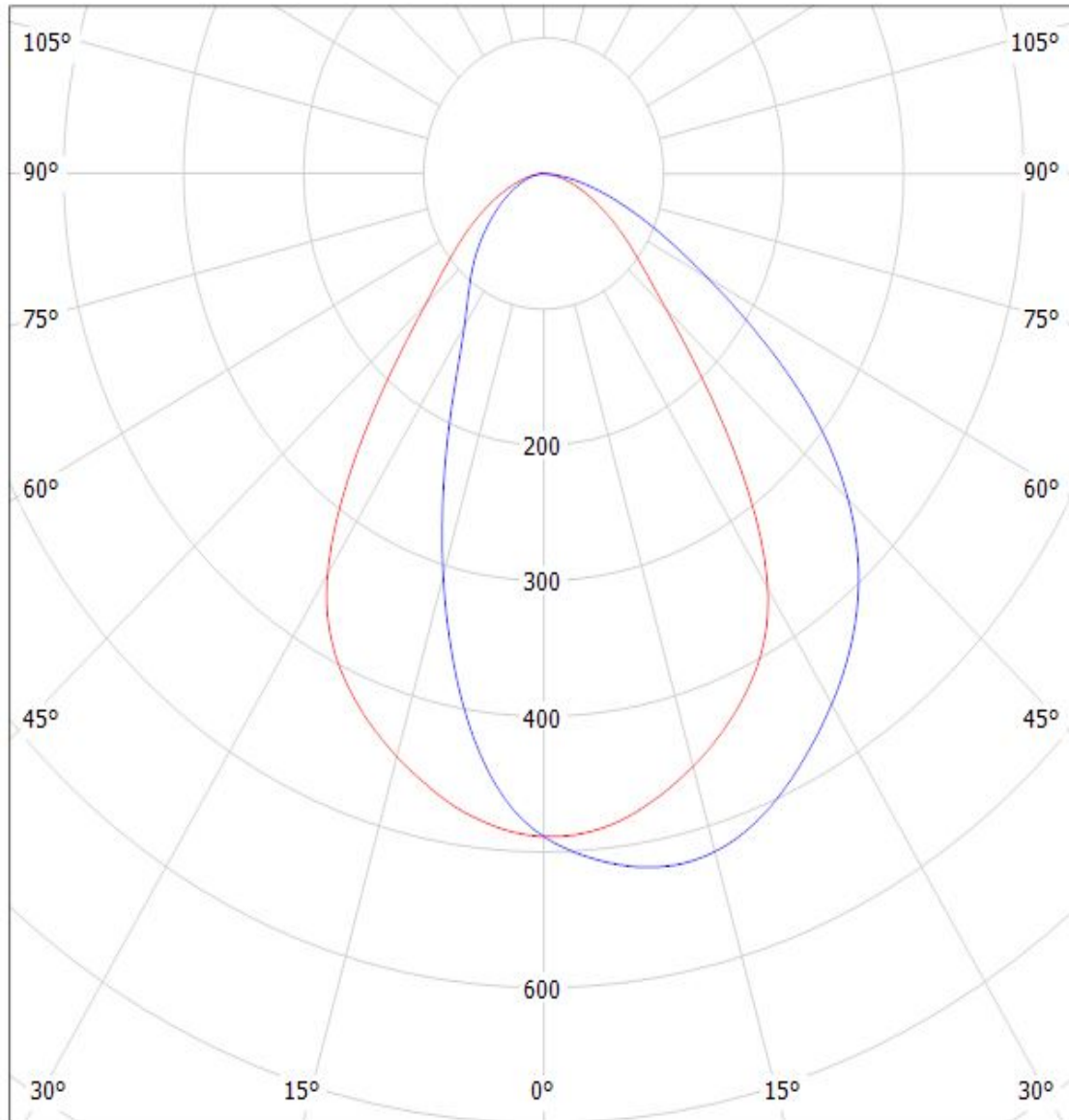
cd/klm

— C0 - C180 — C90 - C270

$\eta = 91\%$

Luminaire: Ledil CN13371_LENA-X-WAS-DL_(COB-D_LES_14.5mm)

Lamps: 1 x Samsung_COB-D_Series_LES_14.5mm_(LC026D)_+C12691_1263.51lm@250mA_CCT=3000K_P=8.1565W_I=0.25A



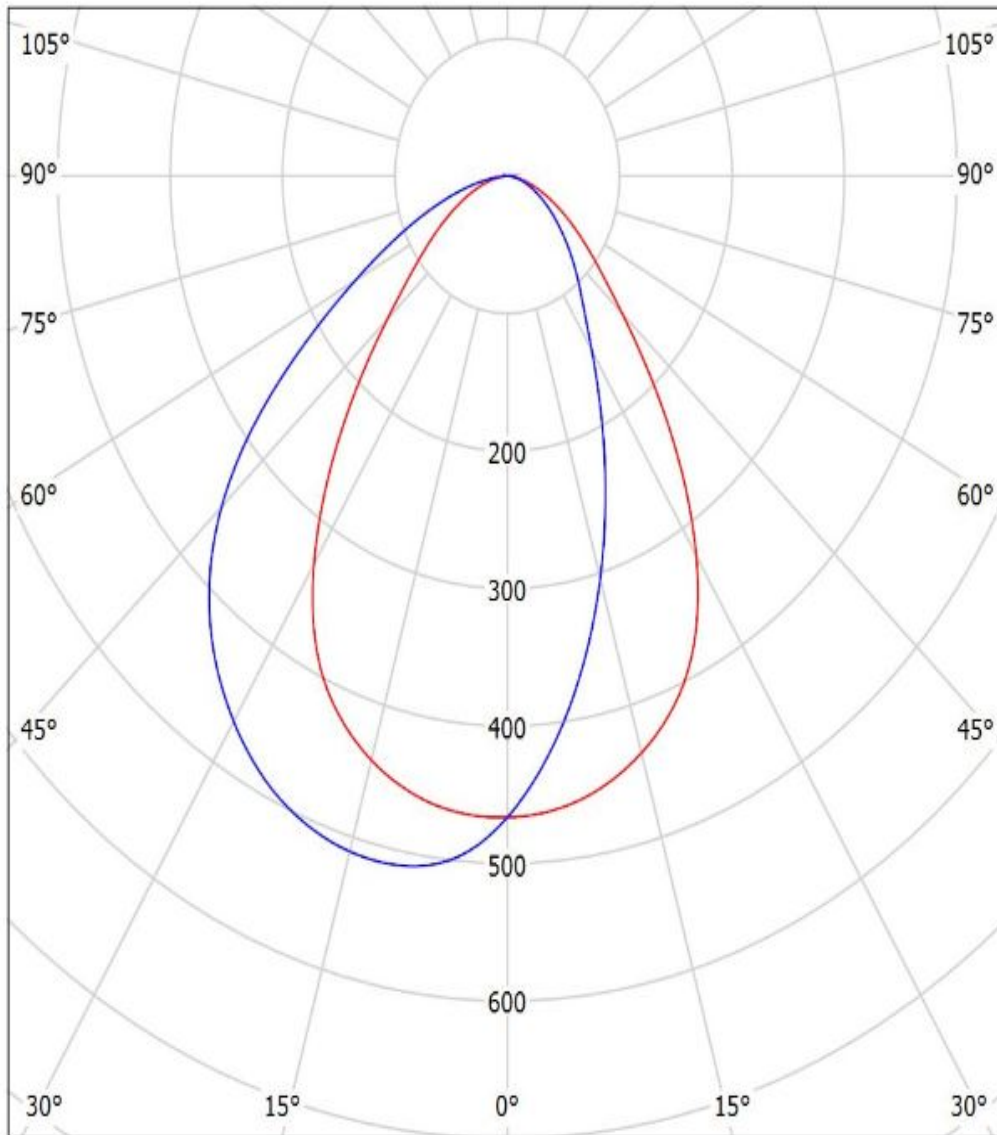
cd/klm

— C0 - C180 — C90 - C270

$\eta = 87\%$

Luminaire: Ledil CN13372_LENA-X-WAS-DL_(COB_D_LES_22mm)

Lamps: 1 x Samsung_COB_D_LES_22mm_(SPHWHAHDNK25YZT3D1)+C12692_1511.79lm@250mA_CCT=4000K_P=8.0675W_I=0.250A



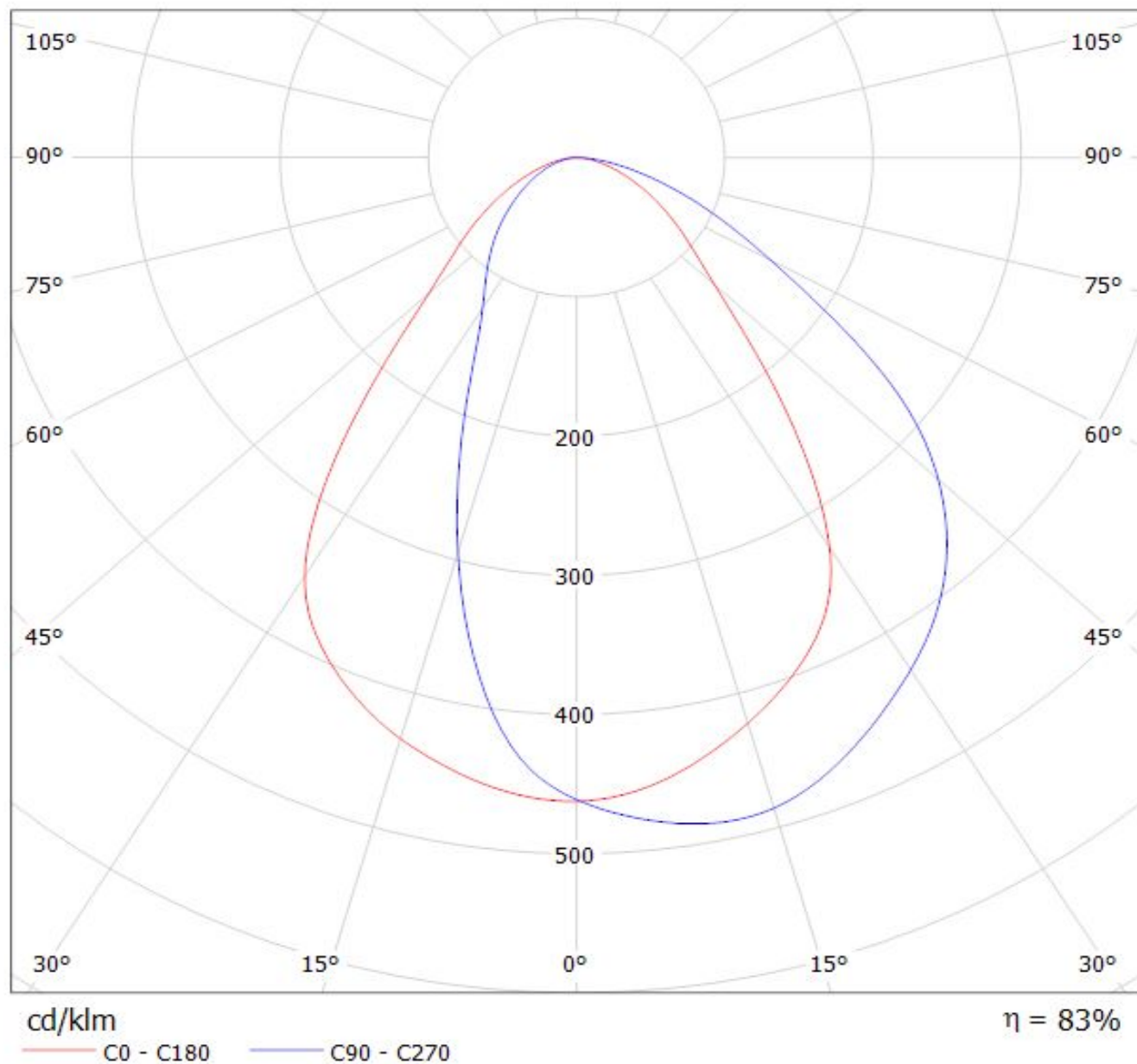
cd/klm

— C0 - C180 — C90 - C270

$\eta = 86\%$

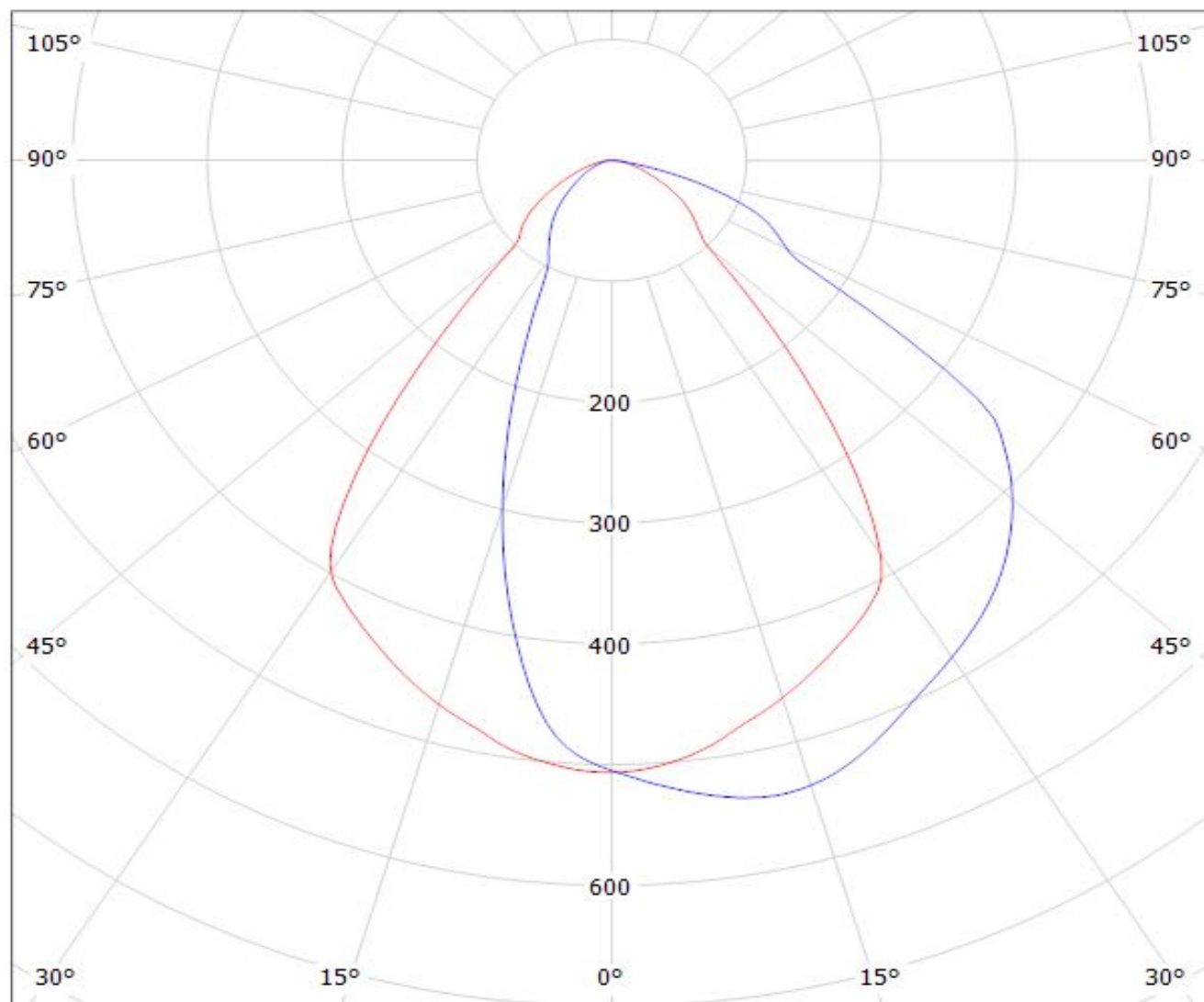
Luminaire: LEDiL Oy CN13457_LENA-X-WAS-DL_(Megazenigata_GW6D) Eff.83.1%

Lamps: 1 x SHARP_Megazenigata_(GW6DMC40NFC)_1085.92lm@250mA_P=8.49295W_I=249.8mA



Luminaire: LEDiL Oy CN13461_LENA-X-WAS_(Megazenigata_GW6D) Eff.87.5%

Lamps: 1 x SHARP_Megazenigata_(GW6DMC40NFC)_1085.92lm@250mA_P=8.49295W_I=249.8mA



cd/klm

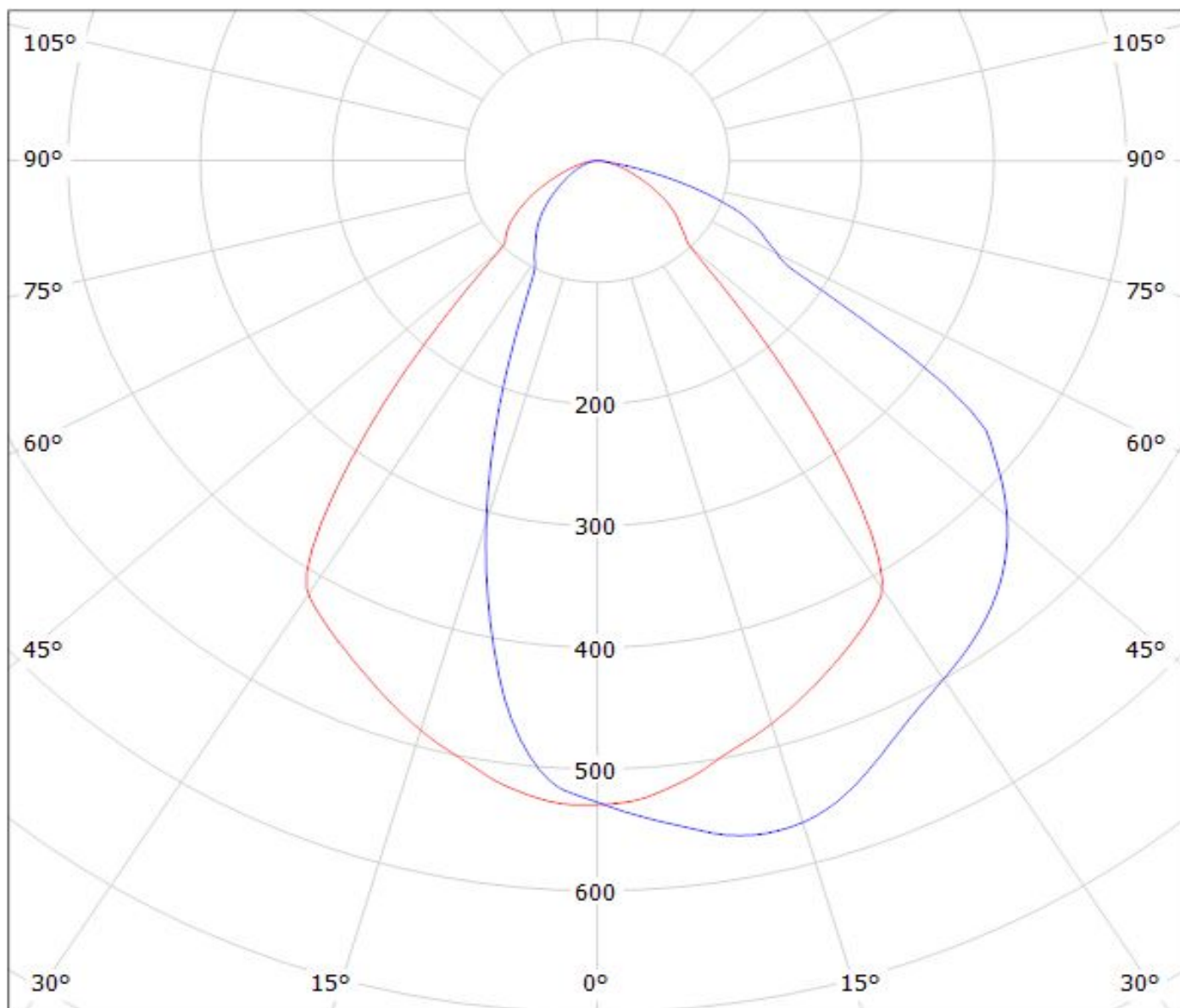
— C0 - C180

— C90 - C270

$\eta = 87\%$

Luminaire: LEDiL Oy CN13369_LENA-X-WAS_(SLE-G5_LES-15)

Lamps: 1 x Tridonic_SLE-G5_LES-15_1262.59lm@250mA_P=8.8389W_I=0.250A



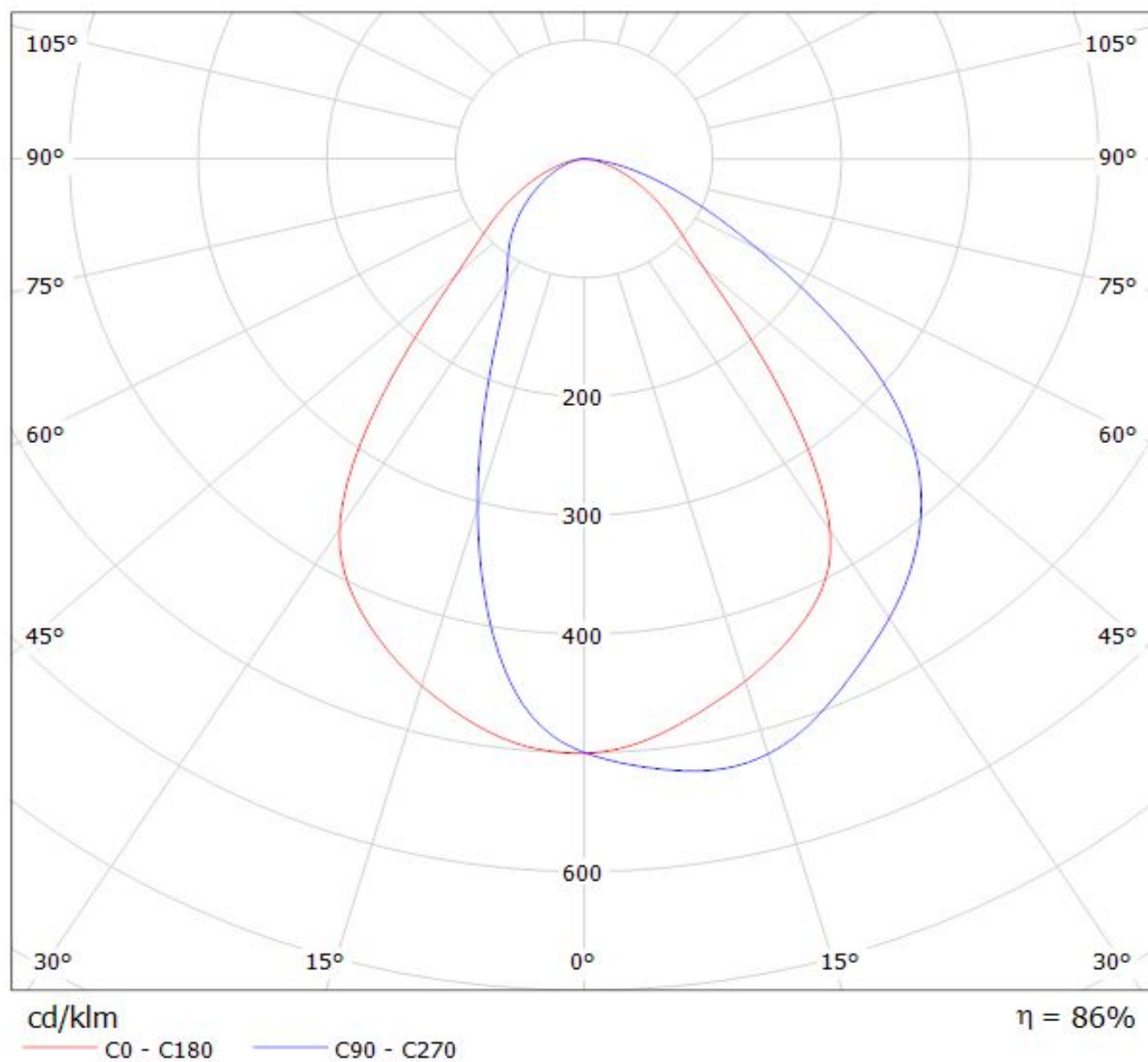
cd/klm

— C0 - C180

— C90 - C270

$\eta = 91\%$

Luminaire: LEDiL Oy CN13371_LENA-X-WAS-DL_(SLE-G5_LES-15)
Lamps: 1 x Tridonic_SLE-G5_LES-15_1262.59lm@250mA_P=8.8389W_I=0.250A



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.