

DETAILS

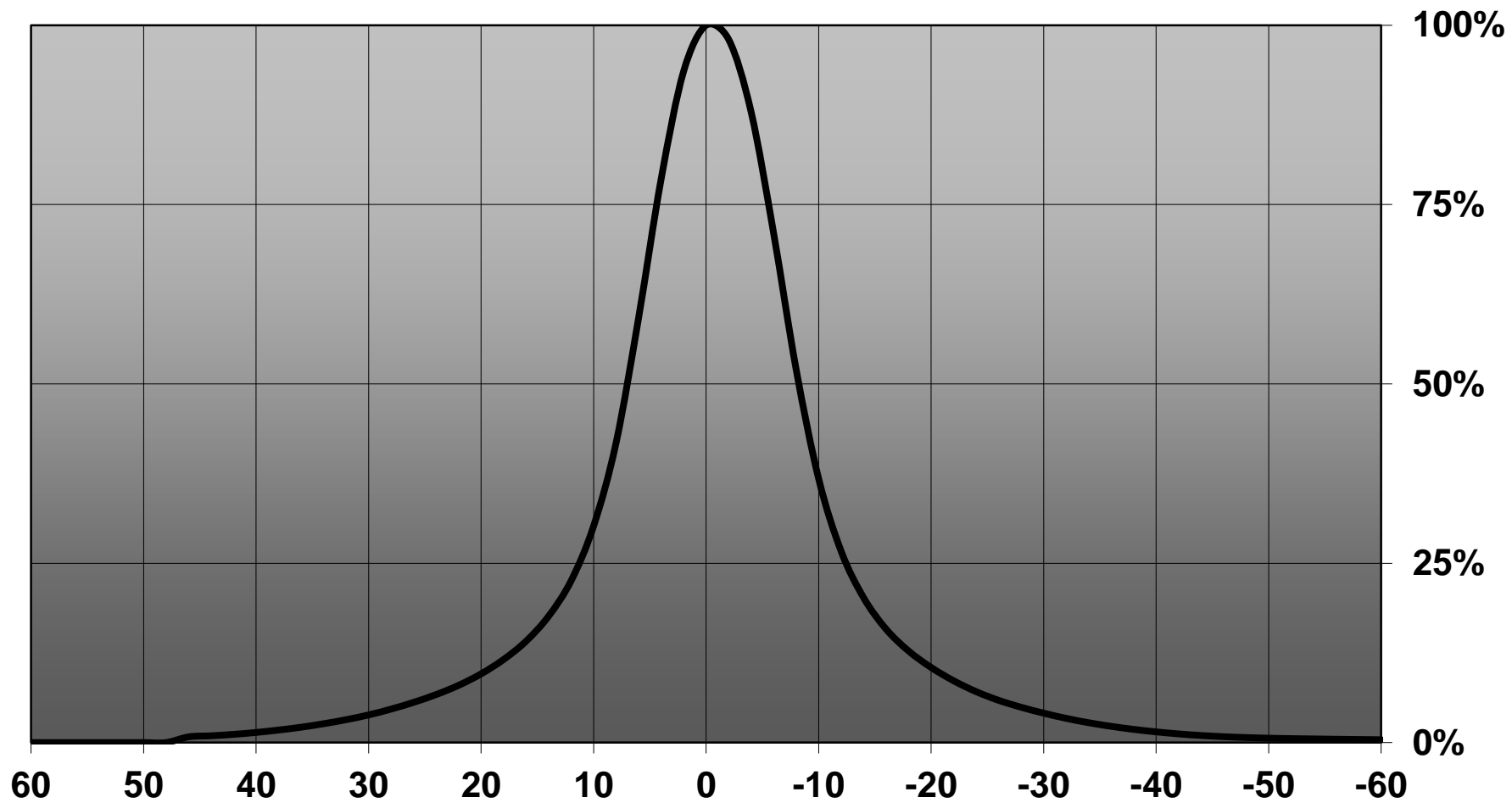
Product Number	CN14236_WINNIE-S
Family	Winnie
Type	Assembly
Color	white
Diameter	49,8 mm
Height	19,3 mm
Style	round
Optic Material	PMMA
Holder Material	PC
Fastening	screw
Status	ready
ROHS Compliant	Yes
Date Updated	30/04/2015



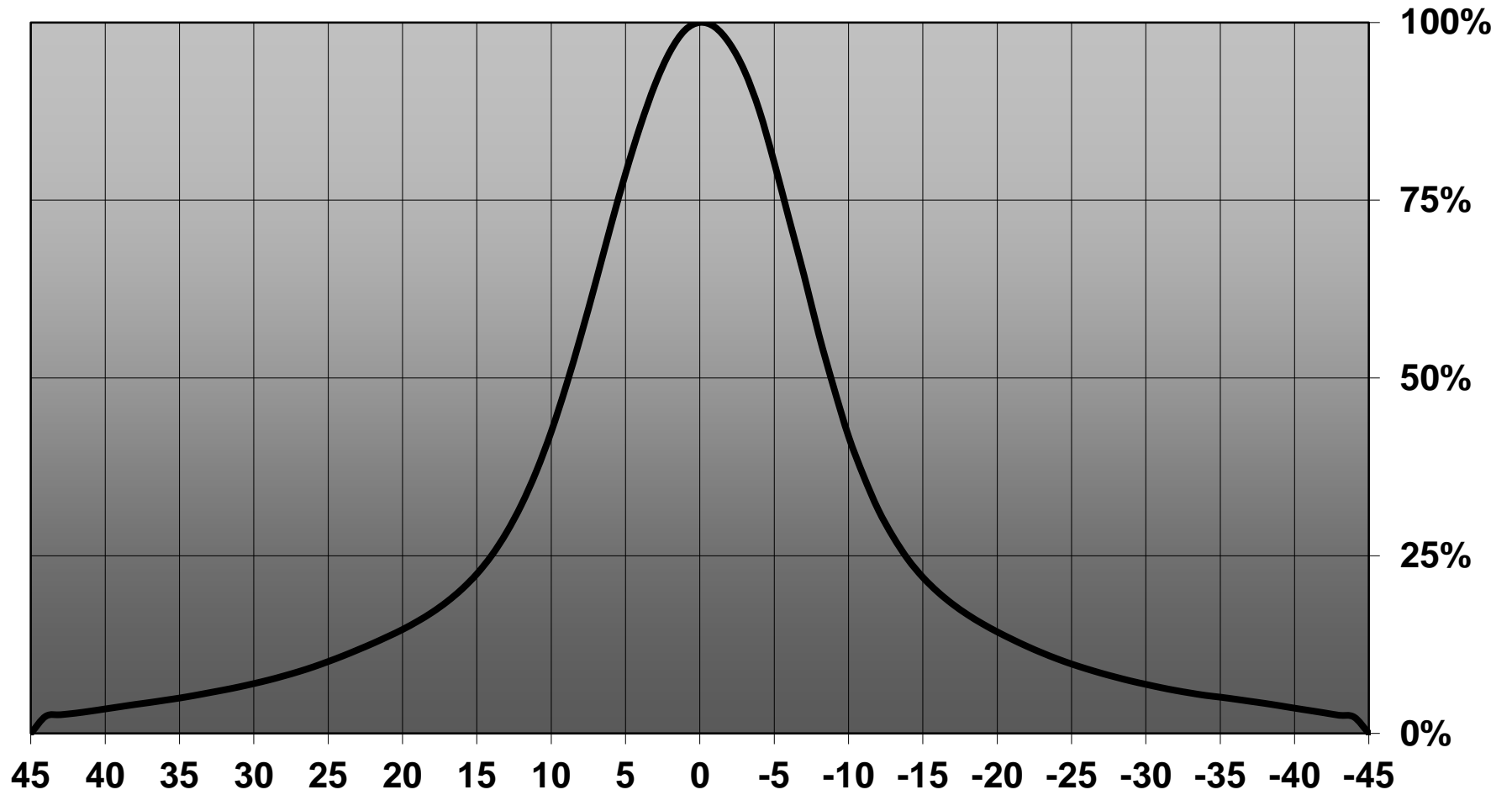
OPTICAL PROPERTIES

LED	Viewing	Light	Effi-		Connector
	Angle	Beam	ciency	cd/lm	
Luxeon CoB 105/107/109	sim: 15	Spot	sim: 89 %	sim: 5.760	-
CXM-14	sim: 30	Spot	sim: 88 %	sim: 1.900	Bender Wirth: 433 Typ L5
CXM-9	sim: 20	Spot	sim: 88 %	sim: 3.400	Bender Wirth: 434 Typ L5
ZC4/6	sim: 20	Spot	sim: 88 %	sim: 3.400	Bender Wirth: 434 Typ L5
CLU700	15 deg	Spot	90 %	5.700	Bender Wirth: 434 Typ L5
CLU700	15 deg	Spot	89 %	5.000	-
LUXEON CoB 1202s	15 deg	Spot	89 %	5.760	-
CLL01x	16 deg	Spot	87 %	5.400	-
Soleriq P6	17 deg	Spot	88 %	5.300	-
CLU710	18 deg	Spot	90 %	3.700	-
CLU710	18 deg	Spot	88 %	3.900	Bender Wirth: 470 Typ L5
Duris S10	18 deg	Spot	88 %	4.000	-
CXA/B 13xx	18 deg	Spot	89 %	4.690	-
CLL02x/CLU024	20 deg	Spot	88 %	3.400	Bender Wirth: 434 Typ L5
LUXEON CoB 1202/1203	20 deg	Spot	87 %	3.730	-
Soleriq P9	20 deg	Spot	89 %	3.800	-
CXA/B 15xx	20 deg	Spot	87 %	3.680	-
CLL02x/CLU024	21 deg	Spot	87 %	3.340	-
VERO10	21 deg	Spot	89 %	3.000	-
CXM-9	22 deg	Spot	87 %	3.300	-
CLU720	22 deg	Spot	93 %	3.100	Bender Wirth: 433 Typ L5
DMC 125	24 deg	Spot	89 %	2.700	Bender Wirth: 433 Typ L5
CXA/B 1816 & CXA/B 1820 & CXA 1850	25 deg	Spot	86 %	2.420	-
Soleriq S13	26 deg	Spot	88 %	2.300	-
Soleriq P13	27 deg	Spot	87 %	2.090	-

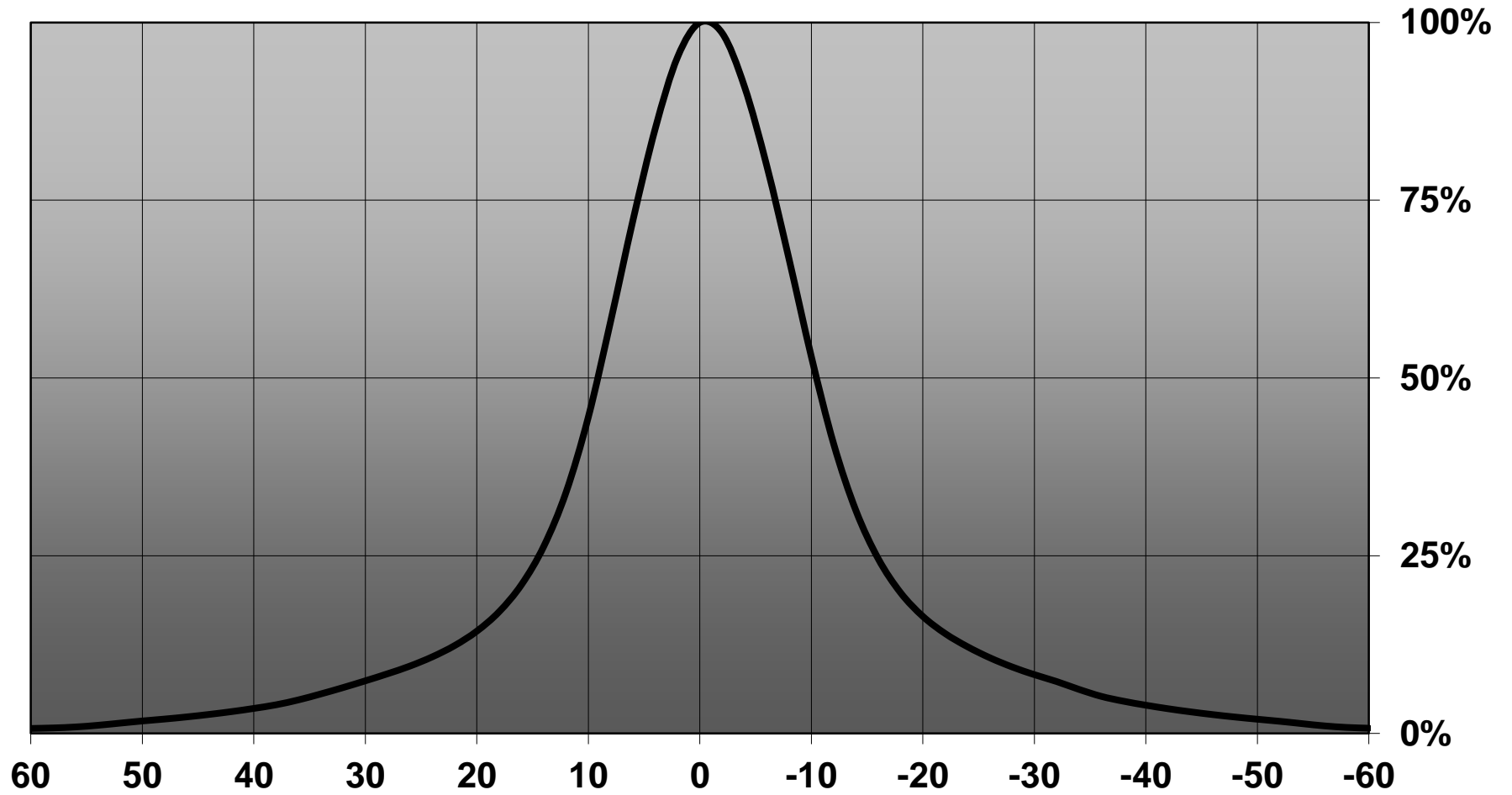
Relative intensity of CN14236_WINNIE-S_(Luxeon Cob Mini)

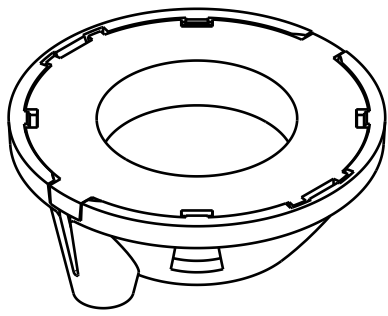


Relative intensity of CN14236_WINNIE-S_(Duris_S10)

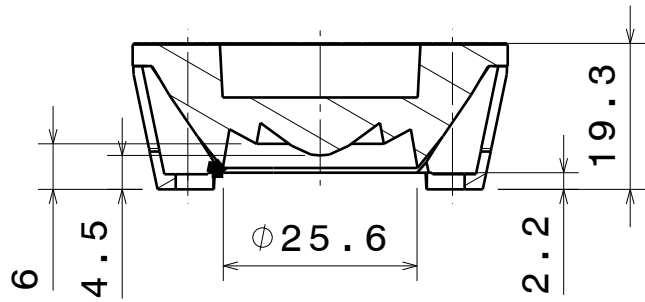


Relative intensity of CN14236_WINNIE-S_(Luxeon Cob 1203)

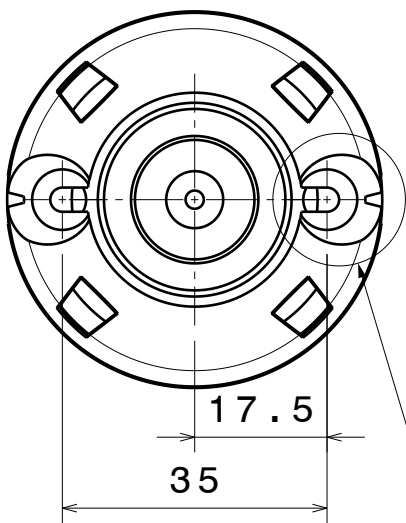




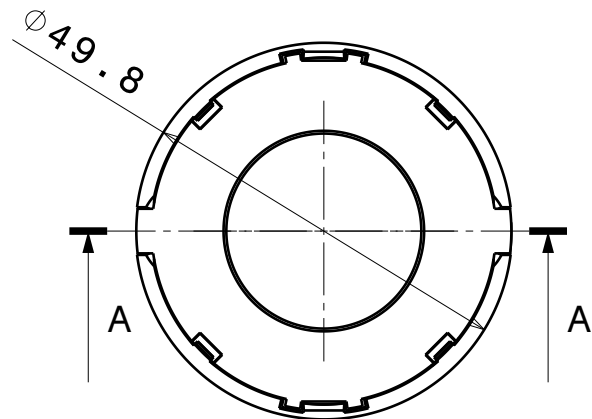
Isometric view



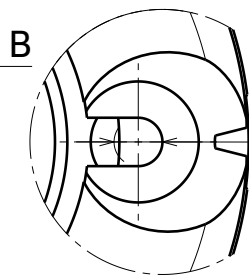
Section view A-A



Bottom view



Top view



$\phi 3.2$
fastening with M3
pan head screws

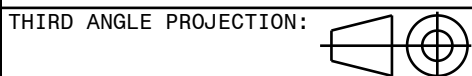
Materials

Lens: PMMA 8N

Holder: PC Makrolon 2407, white

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



DRAWING TITLE
Datasheet CN14236_Winnie-S assy

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
A4	CN14236

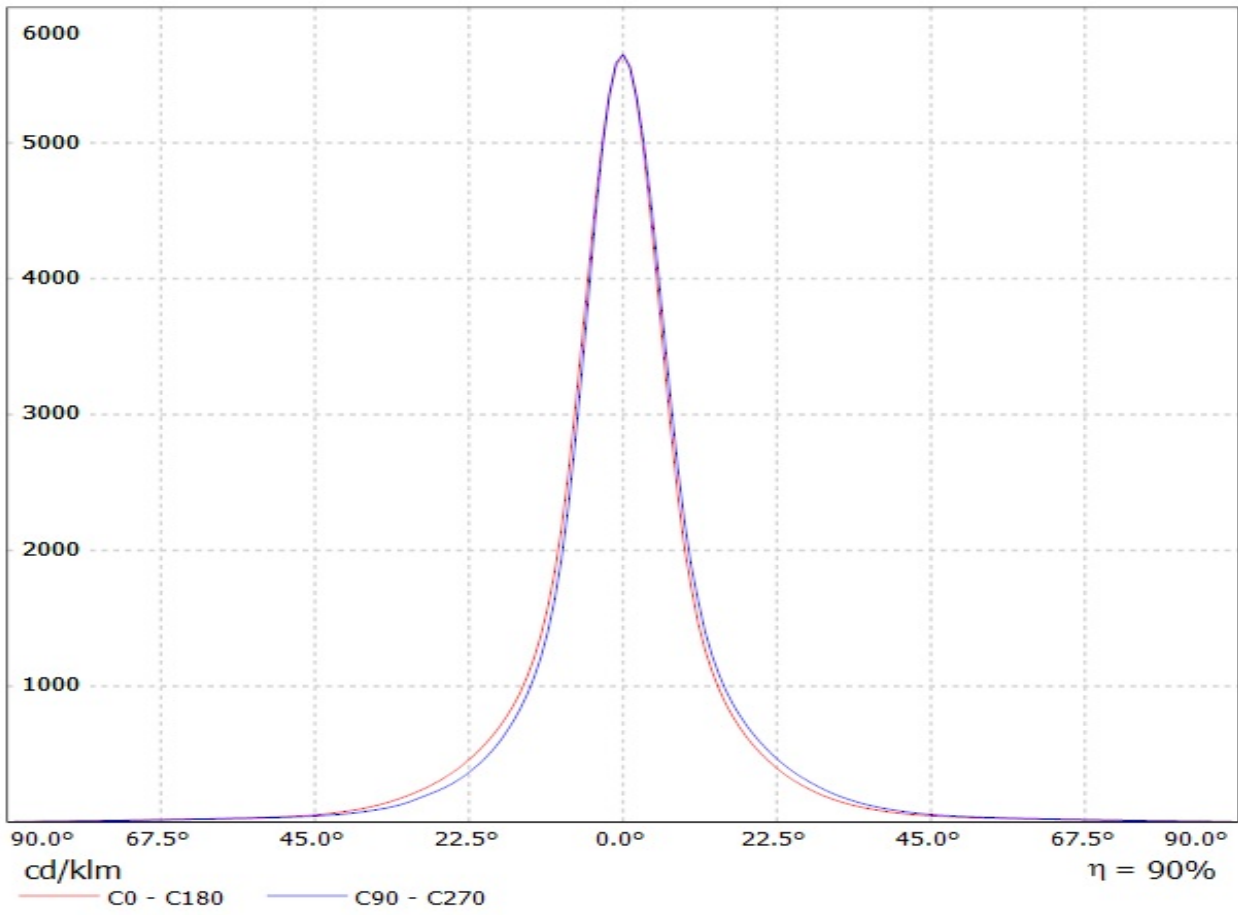
SCALE	1:1	WEIGHT		SHEET	1/1
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D

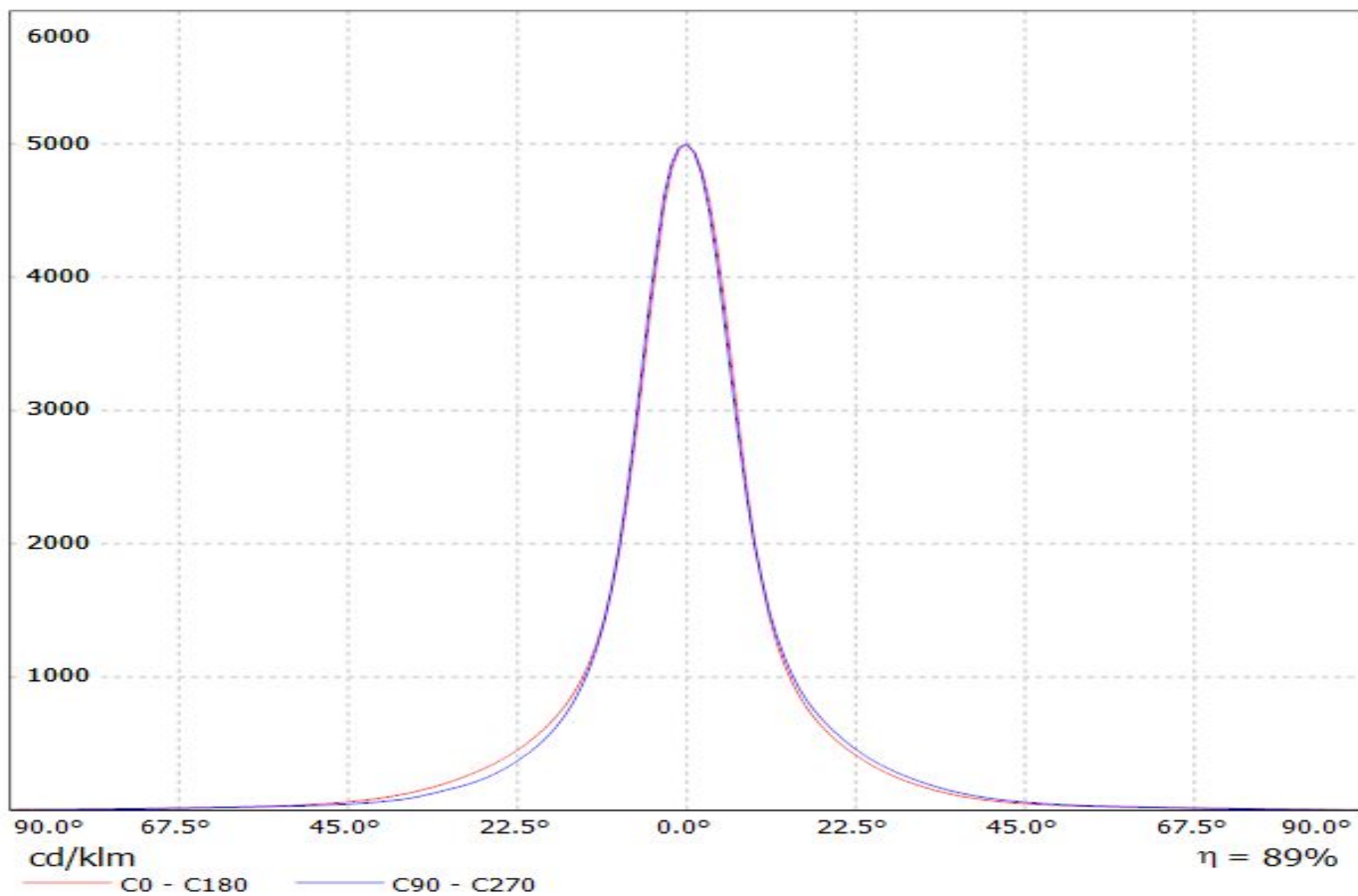
A

Luminaire: LEDiL Oy CN14236_WINNIE-S_(CLU700)_434-Typ-L5

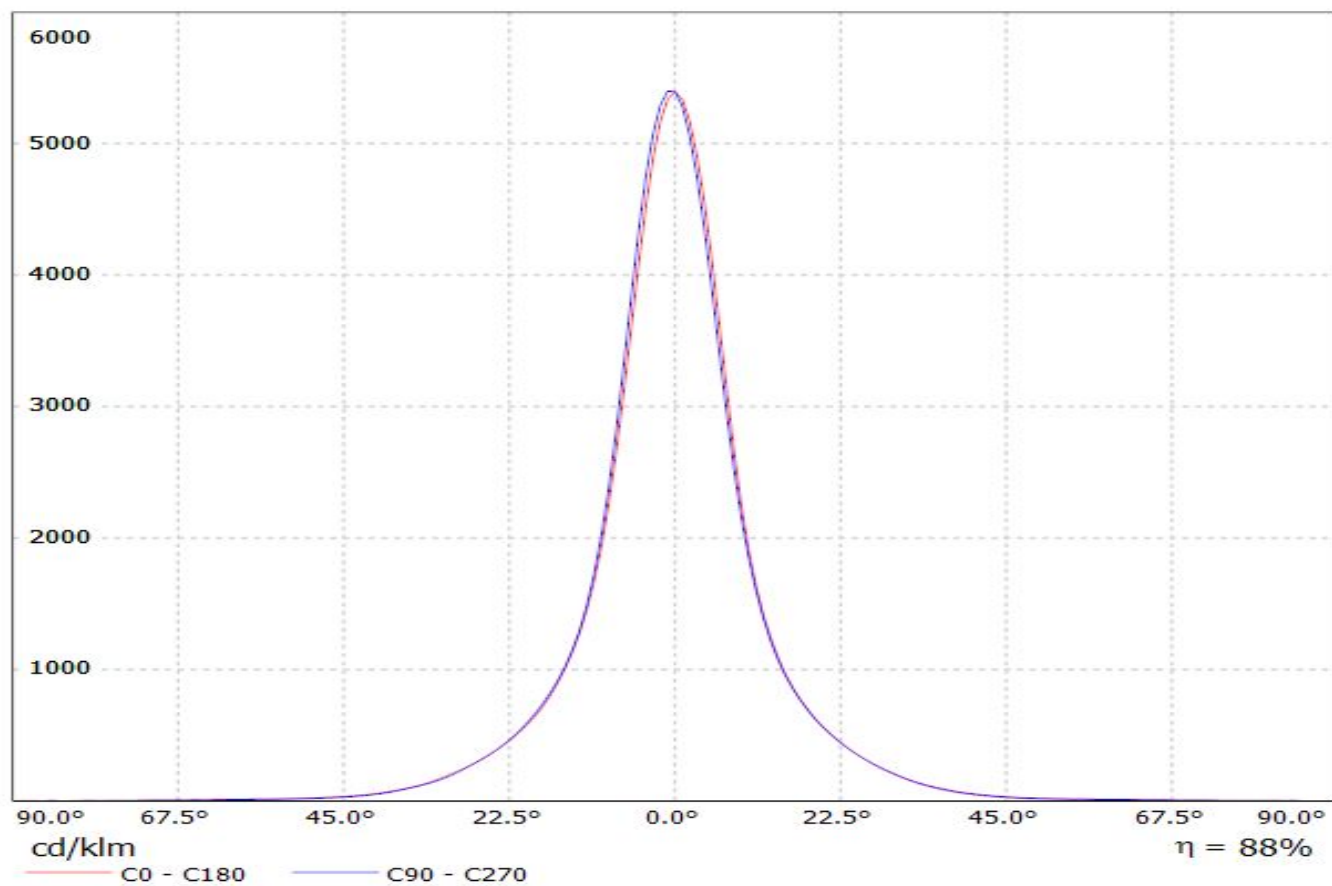
Lamps: 1 x Citizen_CLU700_(CLU700-1002B8-273M2G1)_434_Typ_L5_377.008lm@100mA_P=2.82212W_I=0.1001A



Luminaire: LEDiL Oy CN14236_WINNIE-S_(CLU700)
Lamps: 1 x Citizen_CLU700_367.467lm@100mA_P=2.77574W_I=0.1002A

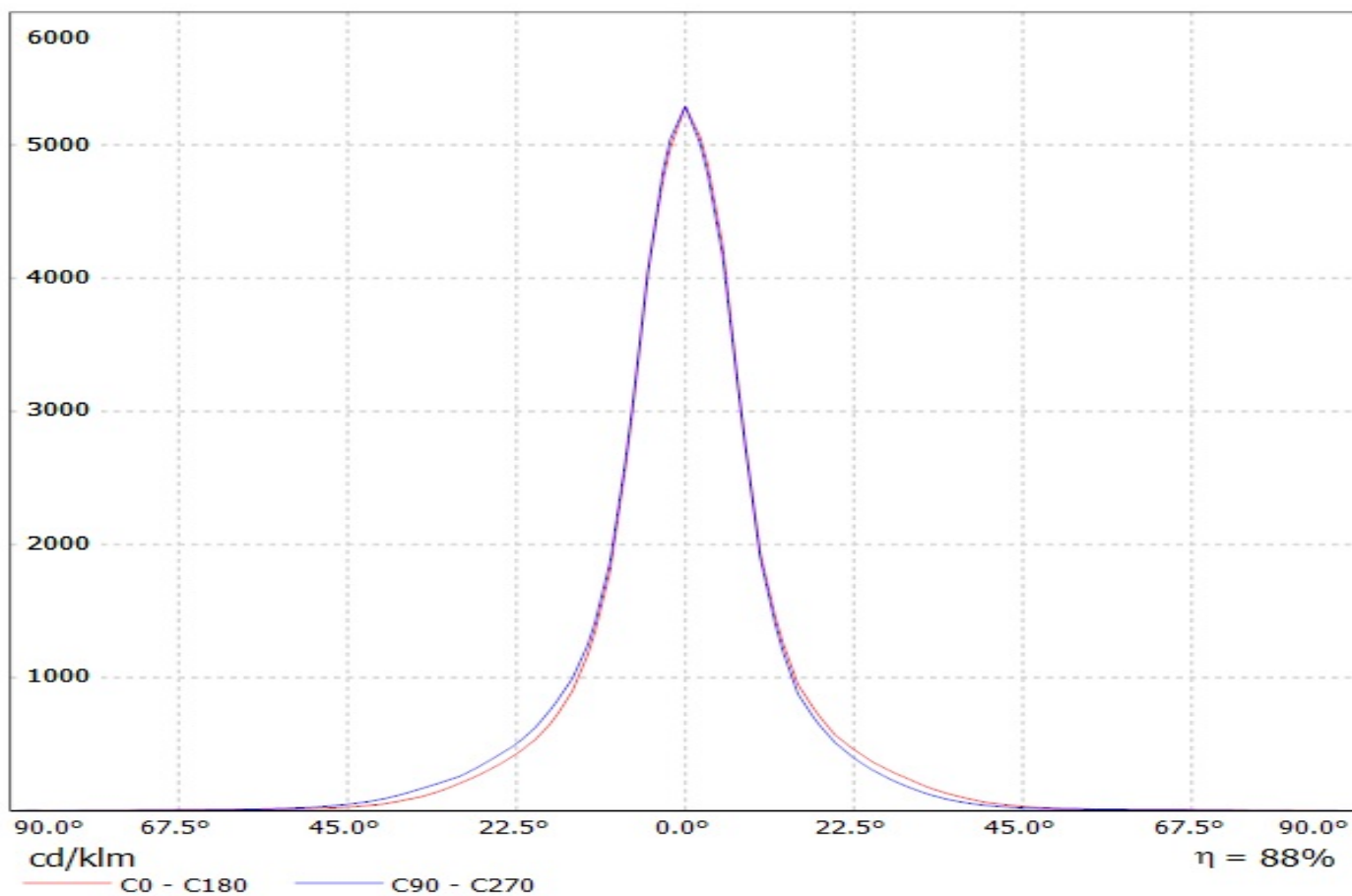


Luminaire: Ledil Oy CN14236_WINNIE-S_(CLL010) Efficiency=87%
Lamps: 1 x Citizen CLL010 (CLL010-035A1-303M1A2) 199lm @ 250mA CCT=3158K P=2.26W I=250mA



Luminaire: LEDil Oy CN14236_WINNIE-S_(Soleriq_P6)

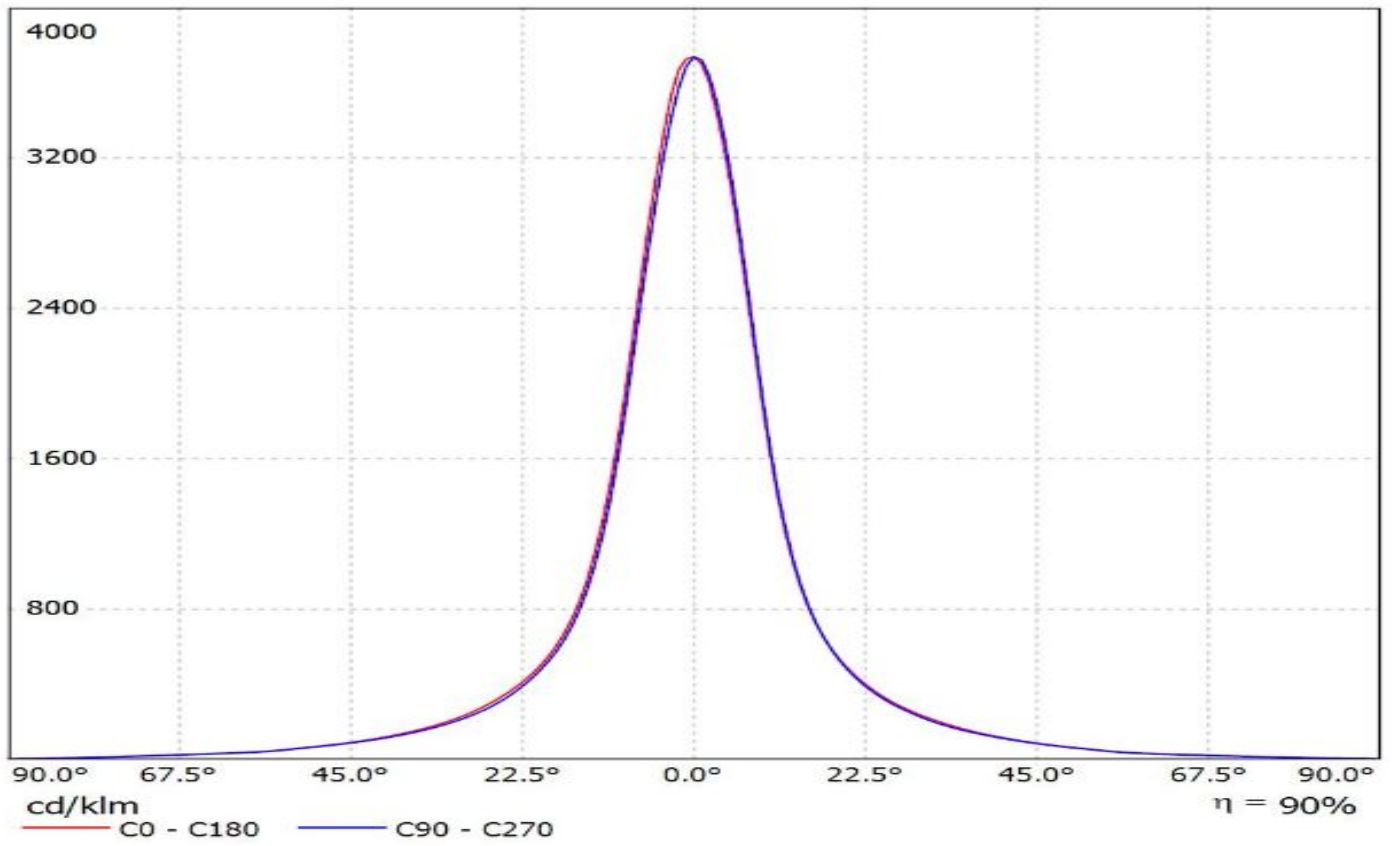
Lamps: 1 x Osram Soleriq P6 (GW MAEGB1.EM) 577lm @ 250mA CCT=2842K P=6.2W I=250mA



Ledil CN14236_WINNIE-S_(CLU710) / LDC (Linear)

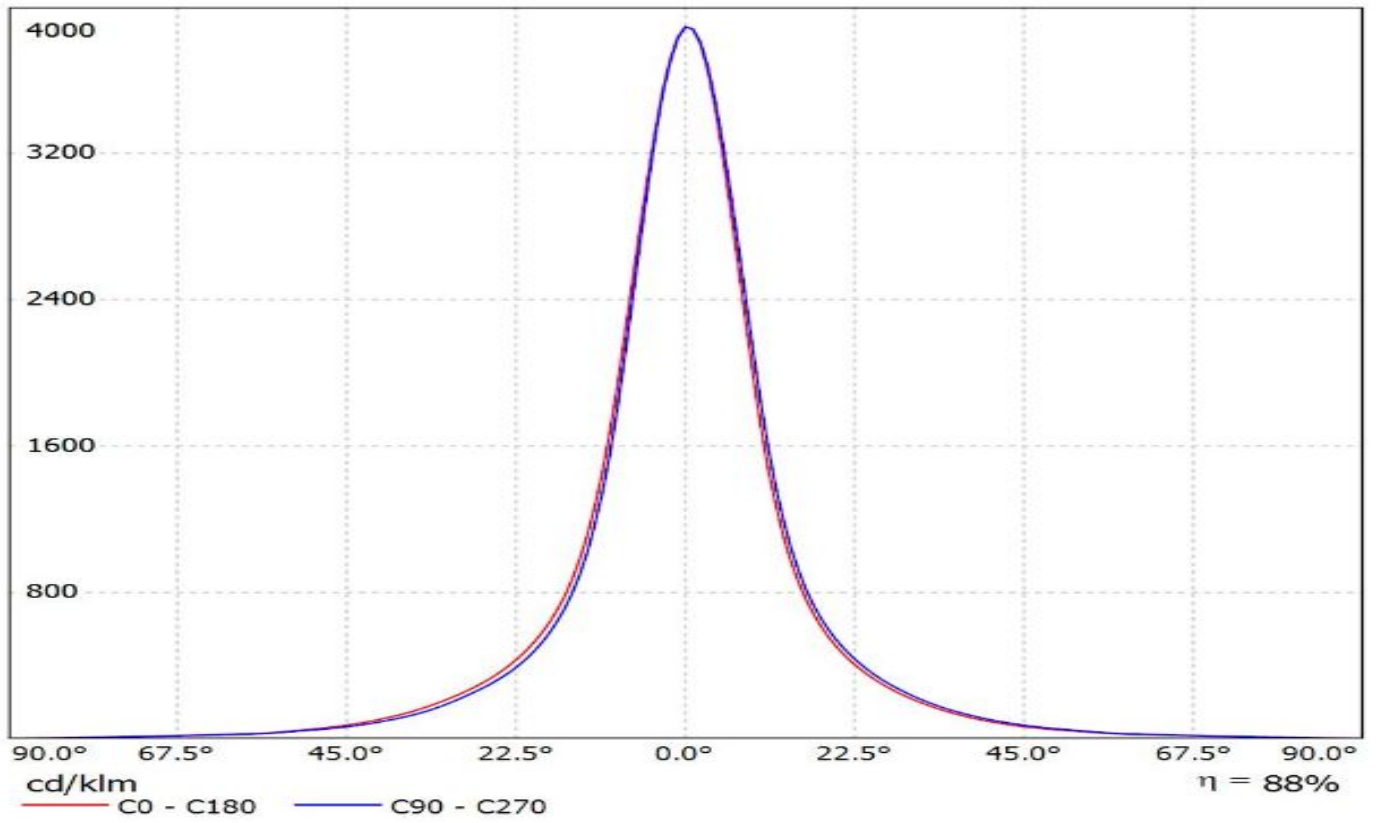
Luminaire: Ledil CN14236_WINNIE-S_(CLU710)

Lamps: 1 x CITIZEN_CLU710_(CLU710-1204B8-273M2G1)_1210.56lm@250mA_P=8.5W_I=0.25A

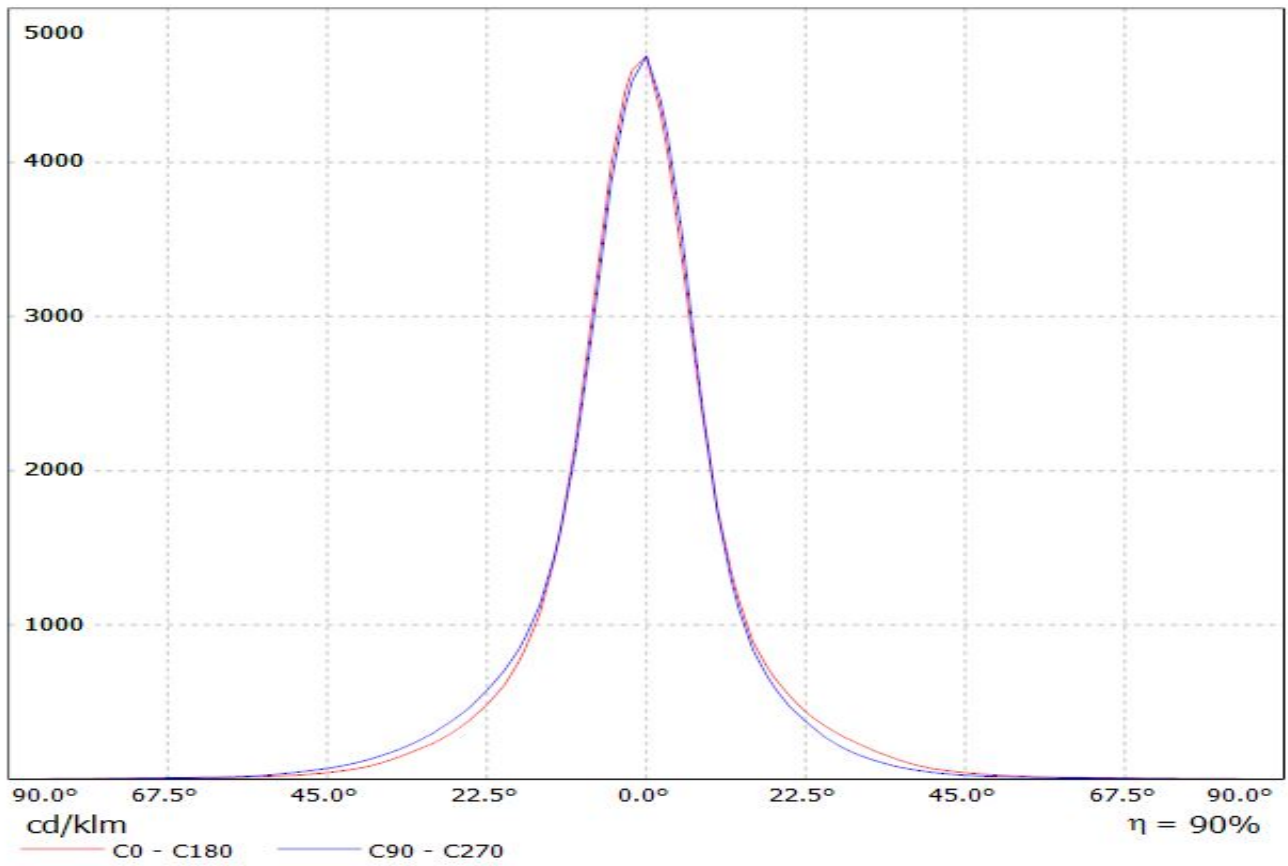


Ledil CN14236_WINNIE-S_(CLU710)_(470_Typ_L5) / LDC (Linear)

Luminaire: Ledil CN14236_WINNIE-S_(CLU710)_(470_Typ_L5)
Lamps: 1 x Citizen_CLU710_(CLU710-1204B8-273M2G1)_(470_Typ_L5)
_1134.69lm@250mA_CCT=2700K_P=8.5W_I=0.25A

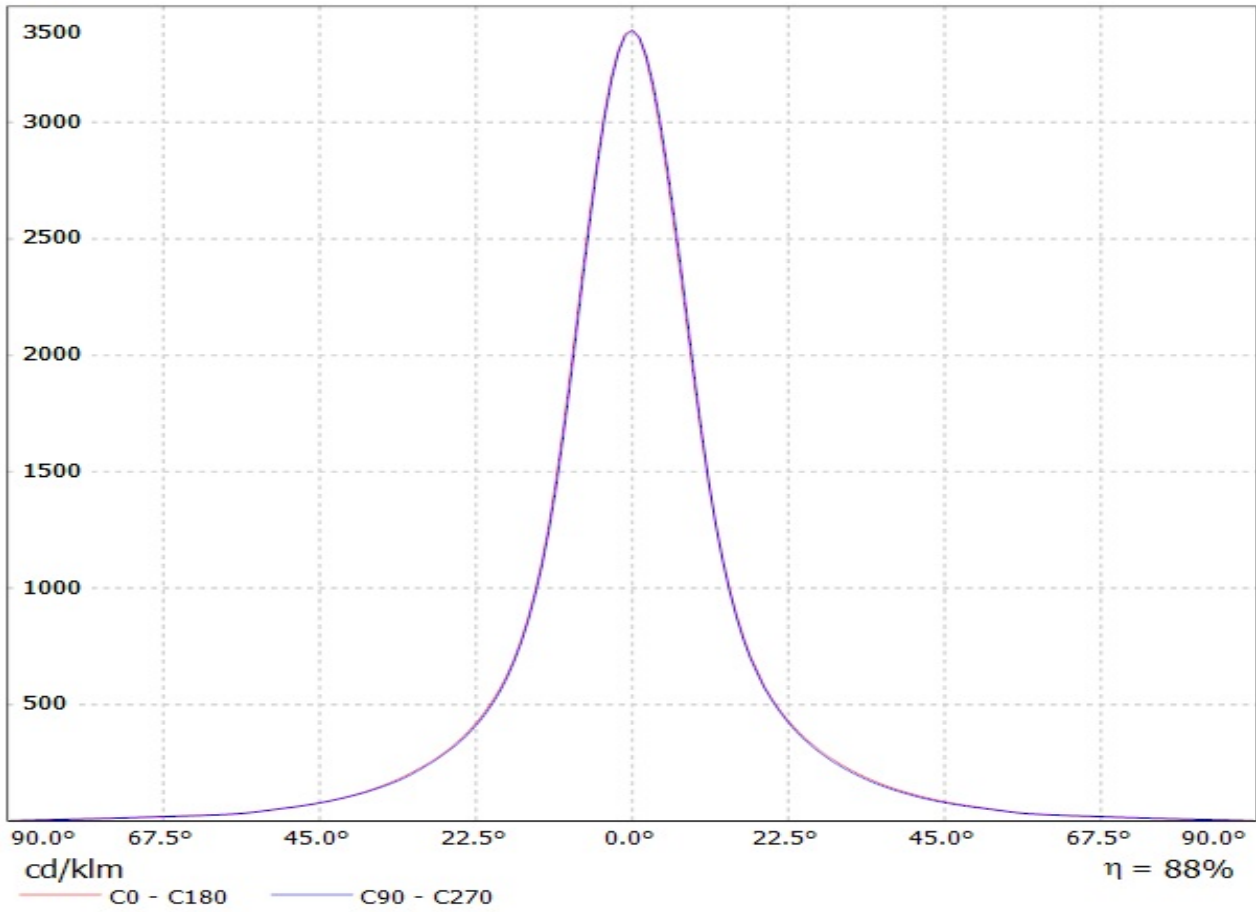


Luminaire: Ledil Oy CN14236_WINNIE-S_(CXA1304) Efficiency=89%
Lamps: 1 x Cree CXA1304 (CXA1304-30F-B2-C0H-00001) 258lm @ 250mA CCT=3095K P=2.20W I=250mA



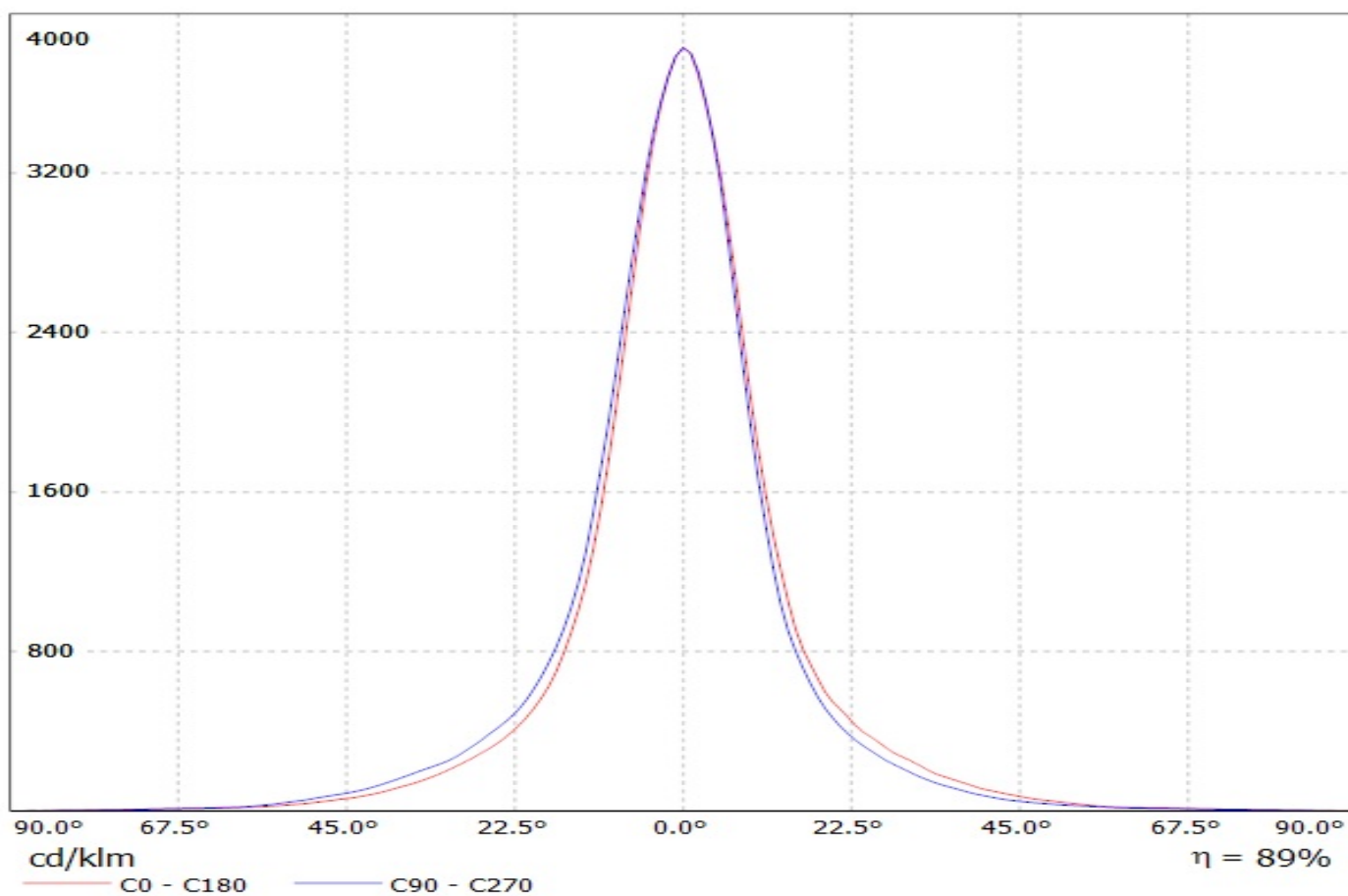
Luminaire: LEDiL Oy CN14236_WINNIE-S_(CLU024)_434-Typ-L5

Lamps: 1 x Citizen_CLU-024_(CLU024-1204B8-303M1A2)_434-Typ-L5_1023.5lm@250mA_P=8.57963W_I=0.2498A

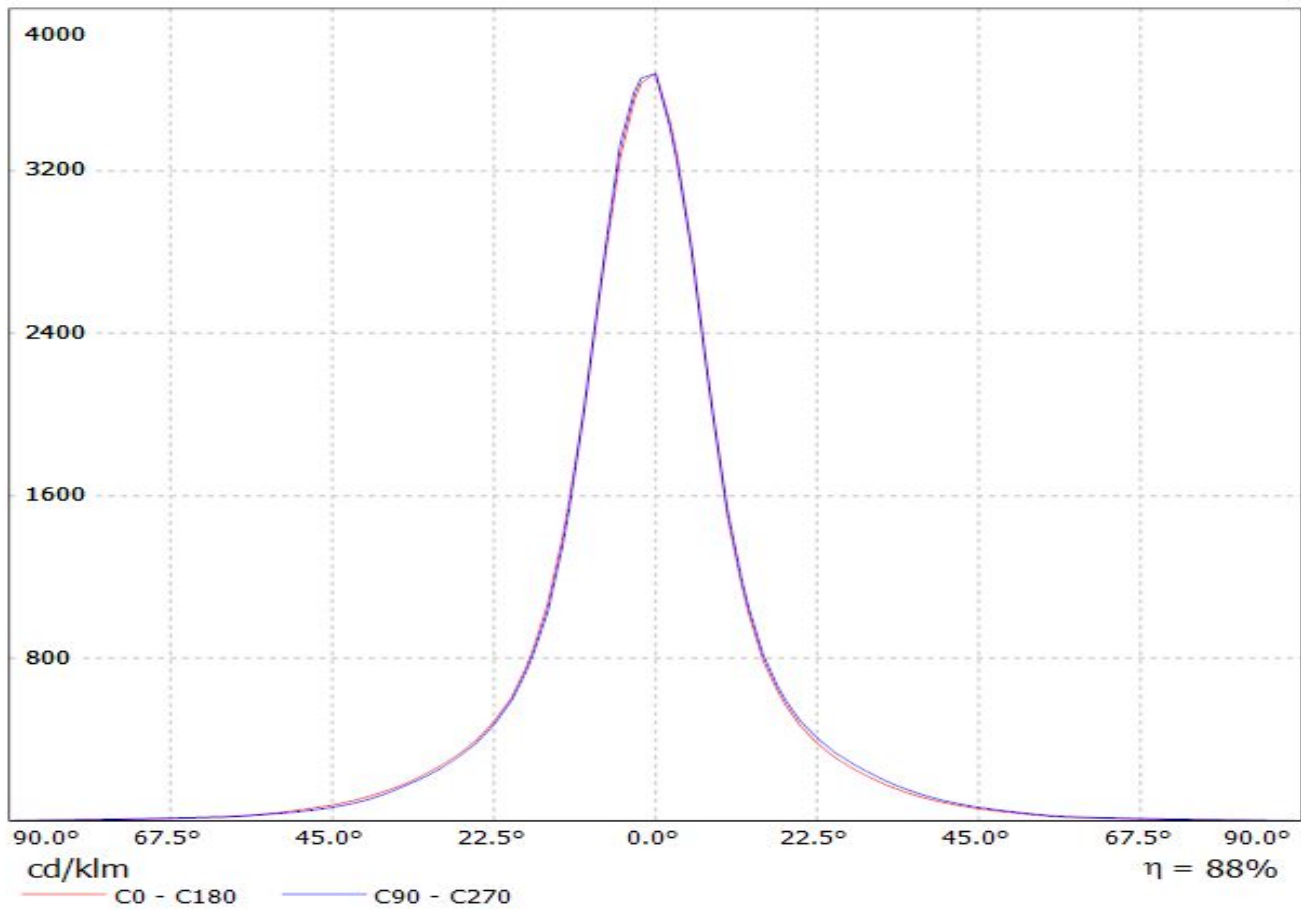


Luminaire: LEDil Oy CN14236_WINNIE-S (Soleriq_P9)

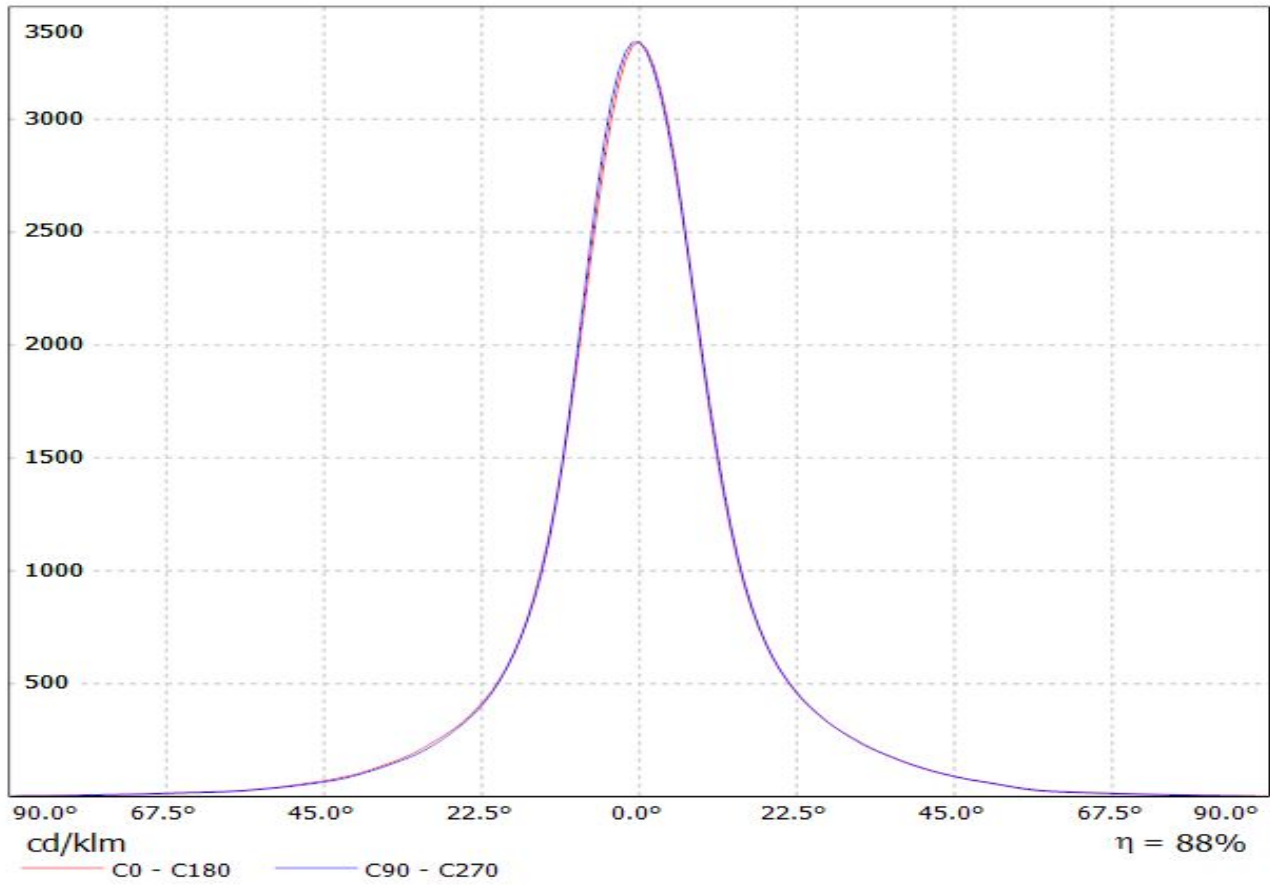
Lamps: 1 x Osram Soleriq P9 (GW MAFJB1.EM) 850.33lm @ 250mA CCT=4372K P=6.9W I=250mA



Luminaire: Ledil Oy CN14236_WINNIE-S_(CXA1520) Efficiency=87%
Lamps: 1 x Cree CXA1520 (CXA1520-30F-N4-N0H-0001) 898lm @ 250mA CCT=3000K P=8.50W I=250mA

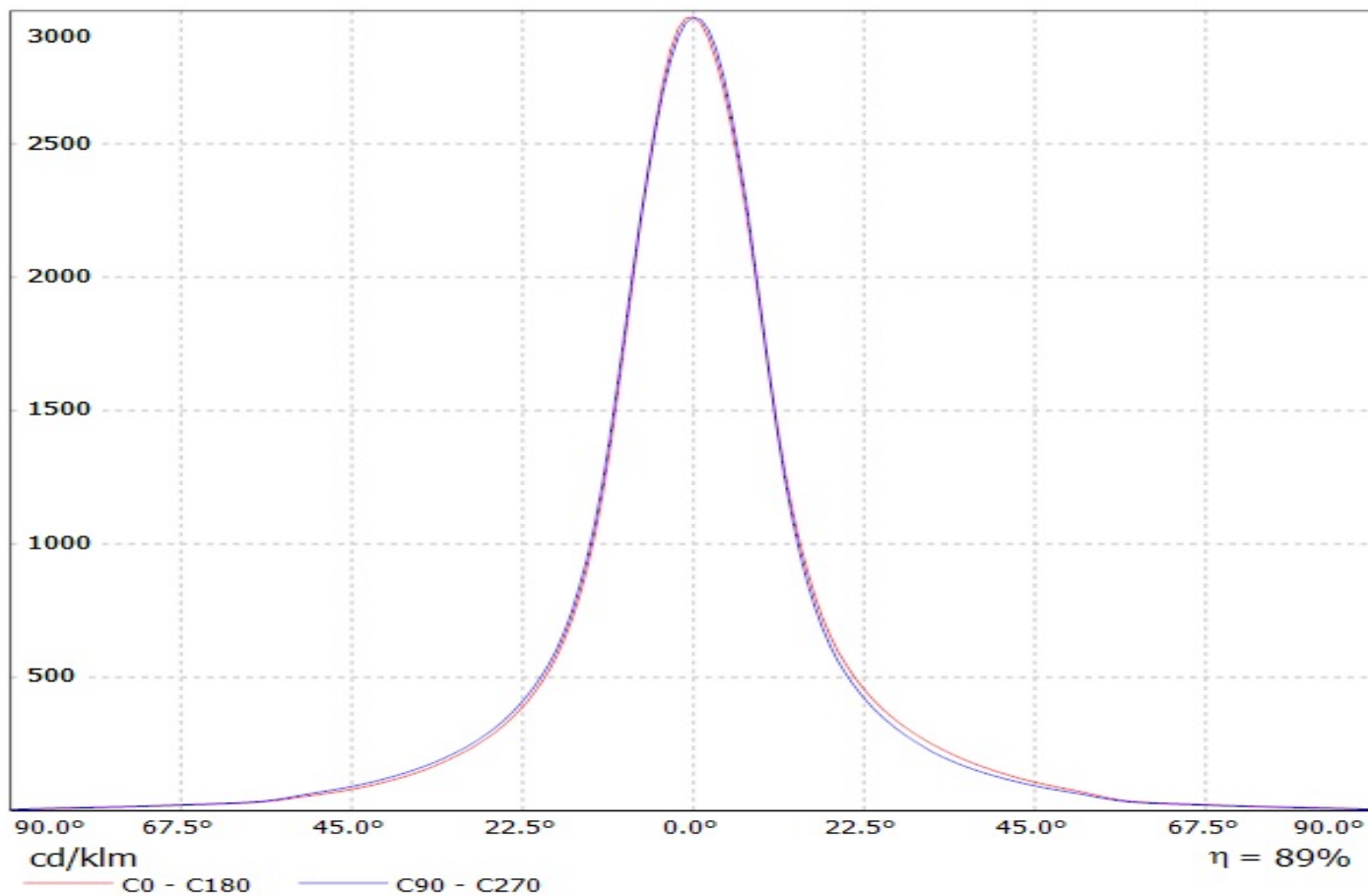


Luminaire: Ledil Oy CN14236_WINNIE-S_(CLL020) Efficiency=87%
Lamps: 1 x Citizen CLL020 (CLL020-1202A5-303H1A7) 339lm @ 120mA CCT=3000K P=4.20W I=120mA



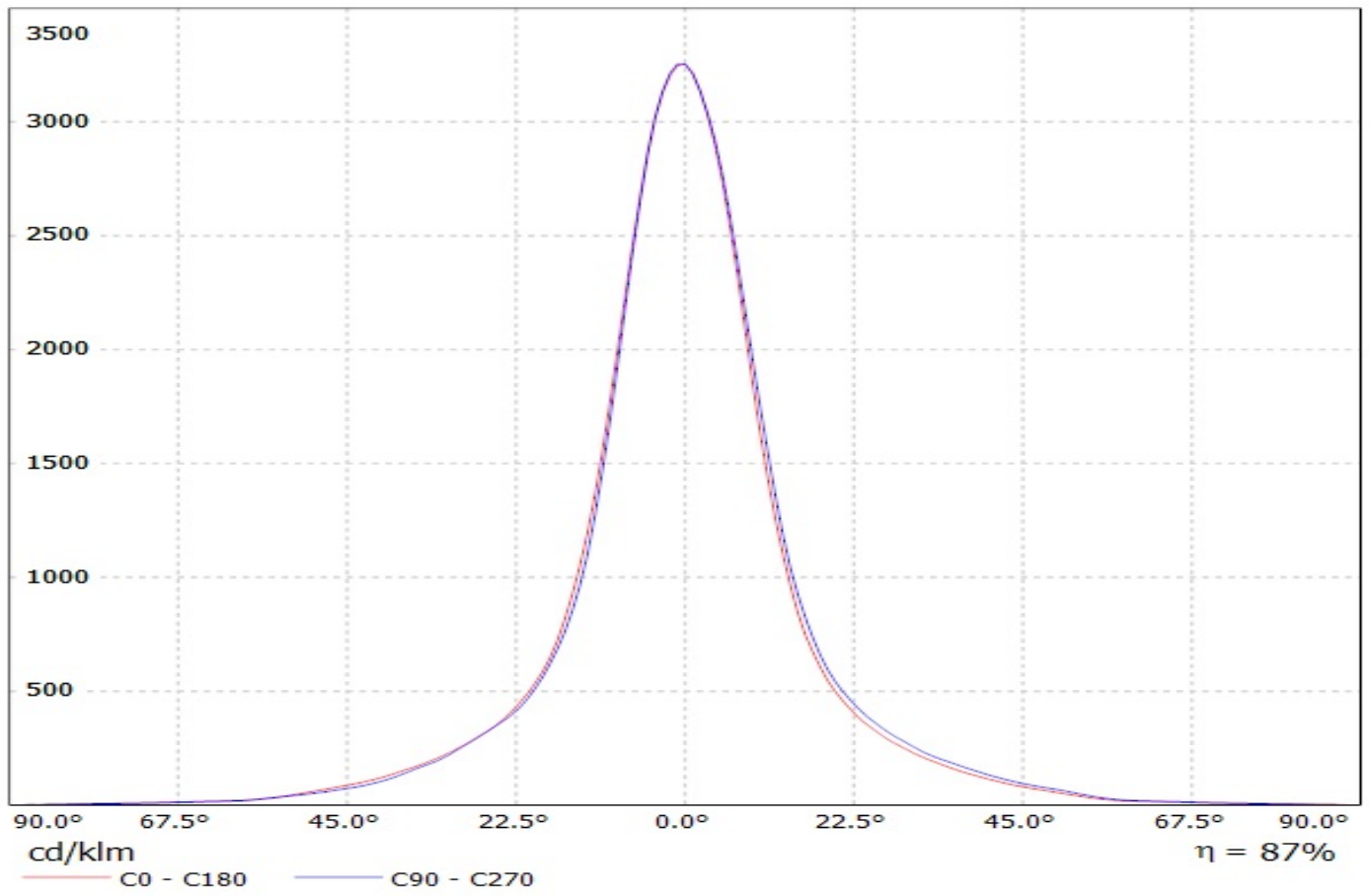
Luminaire: LEDiL Oy CN14236_WINNIE-S_(VERO10)

Lamps: 1 x Bridgelux_VERO10_(301000B)_758.633lm@250mA_P=6.35346W_I=0.2499A

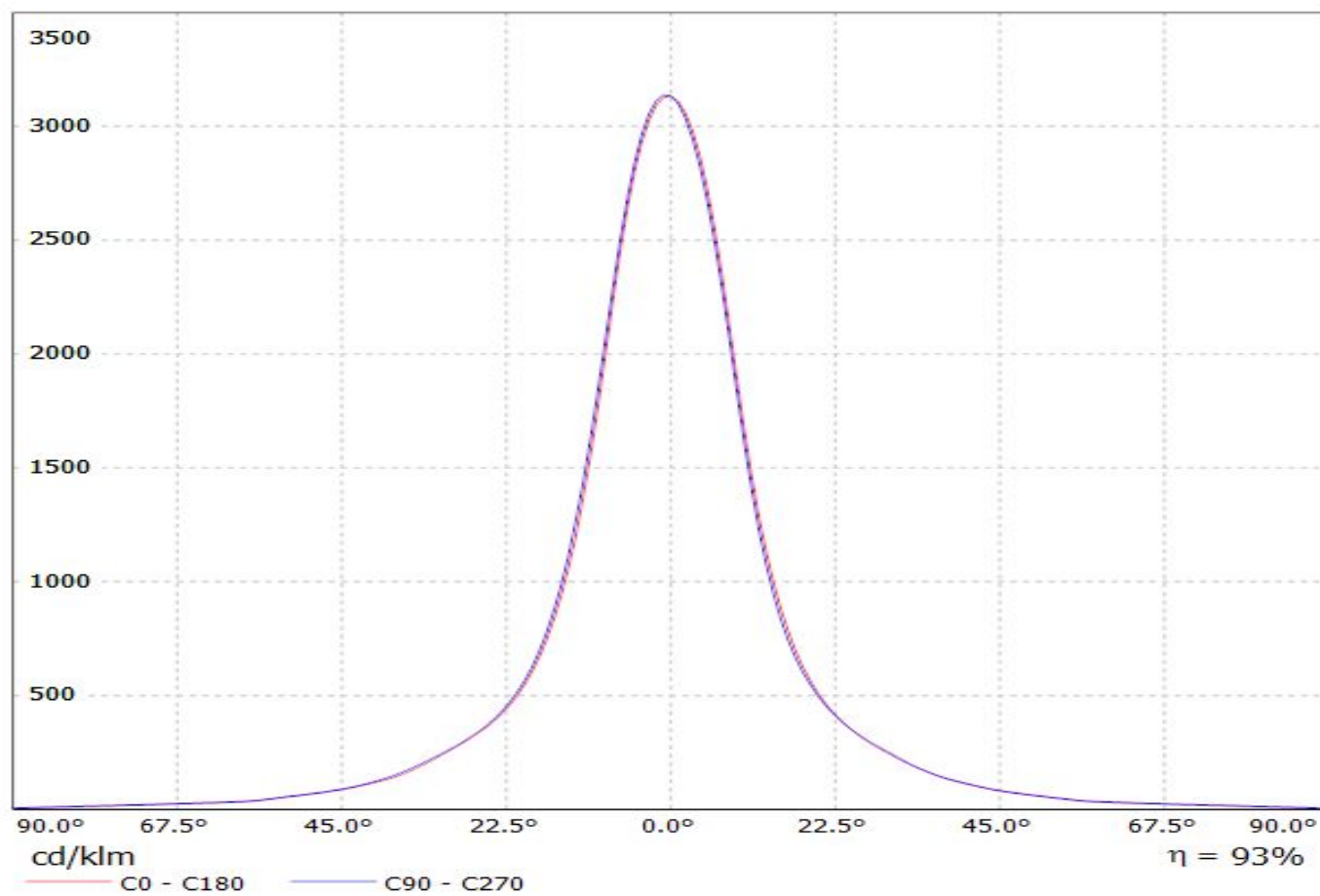


Luminaire: LEDil Oy CN14236_WINNIE-S_(CXM-9)

Lamps: 1 x Luminus XNOVA CXM-9 AC00 900.32lm @ 240mA P=8.6W I=240mA

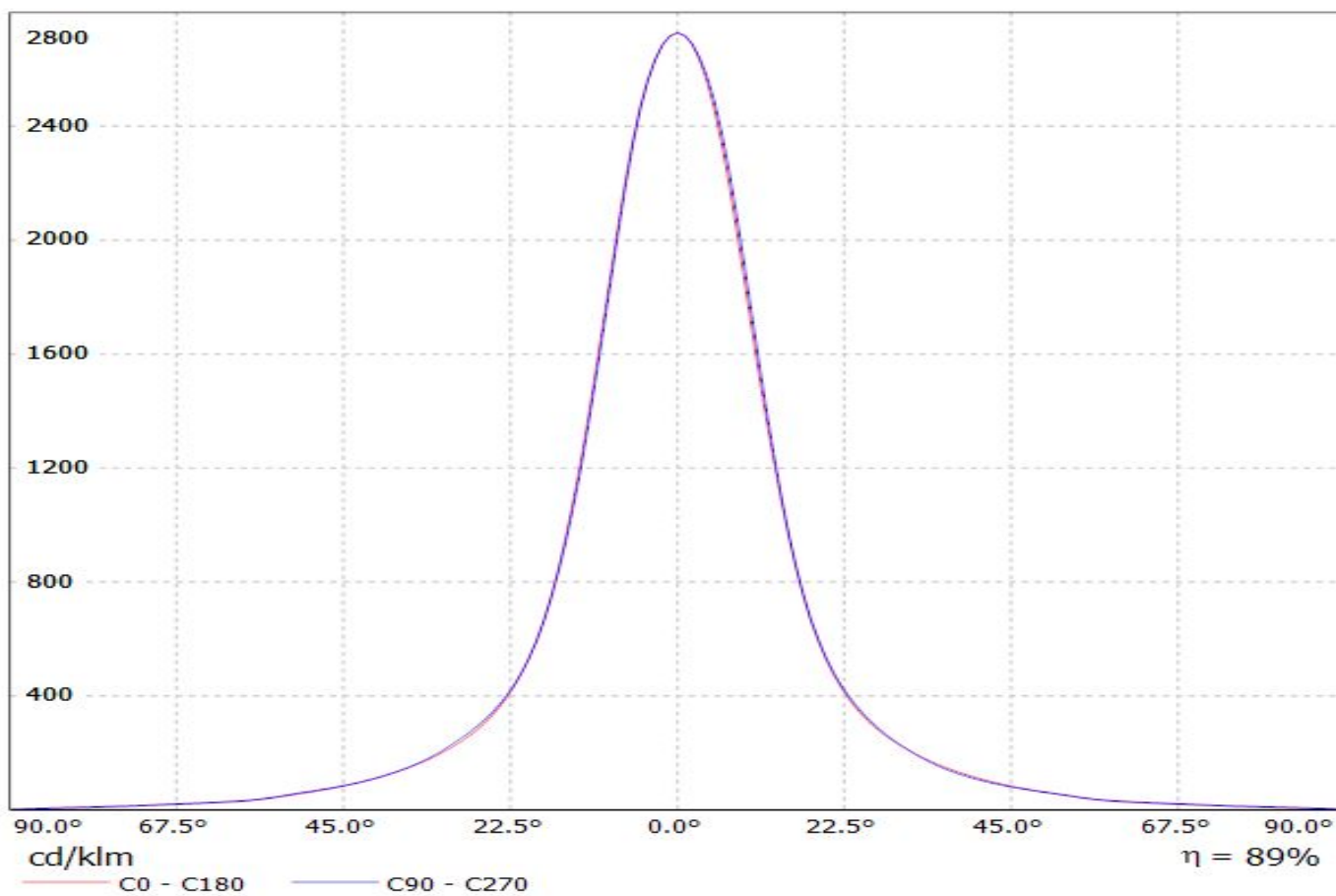


Luminaire: LEDiL Oy CN14236_WINNIE-S_(CITIZEN_CLU720)
Lamps: 1 x CITIZEN_CLU720_(433 Typ L5)_1198.27lm@250mA_P=8.30318W_I=0.25A

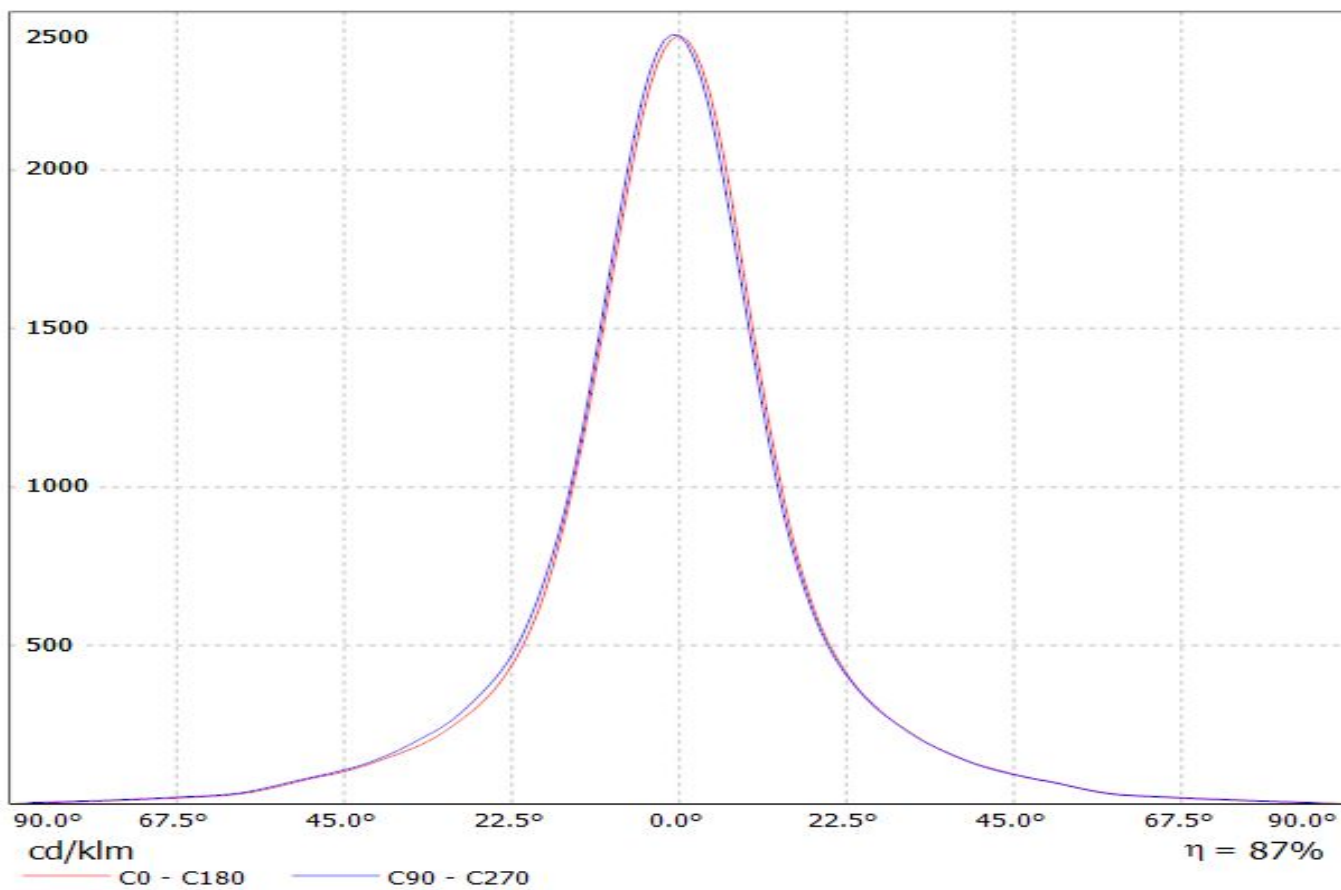


Luminaire: LEDiL Oy CN14236_WINNIE-S_(DMC125)

Lamps: 1 x DMC125+433_Typ_L5_1101.77lm@250mA_P=8.53017W_I=250mA

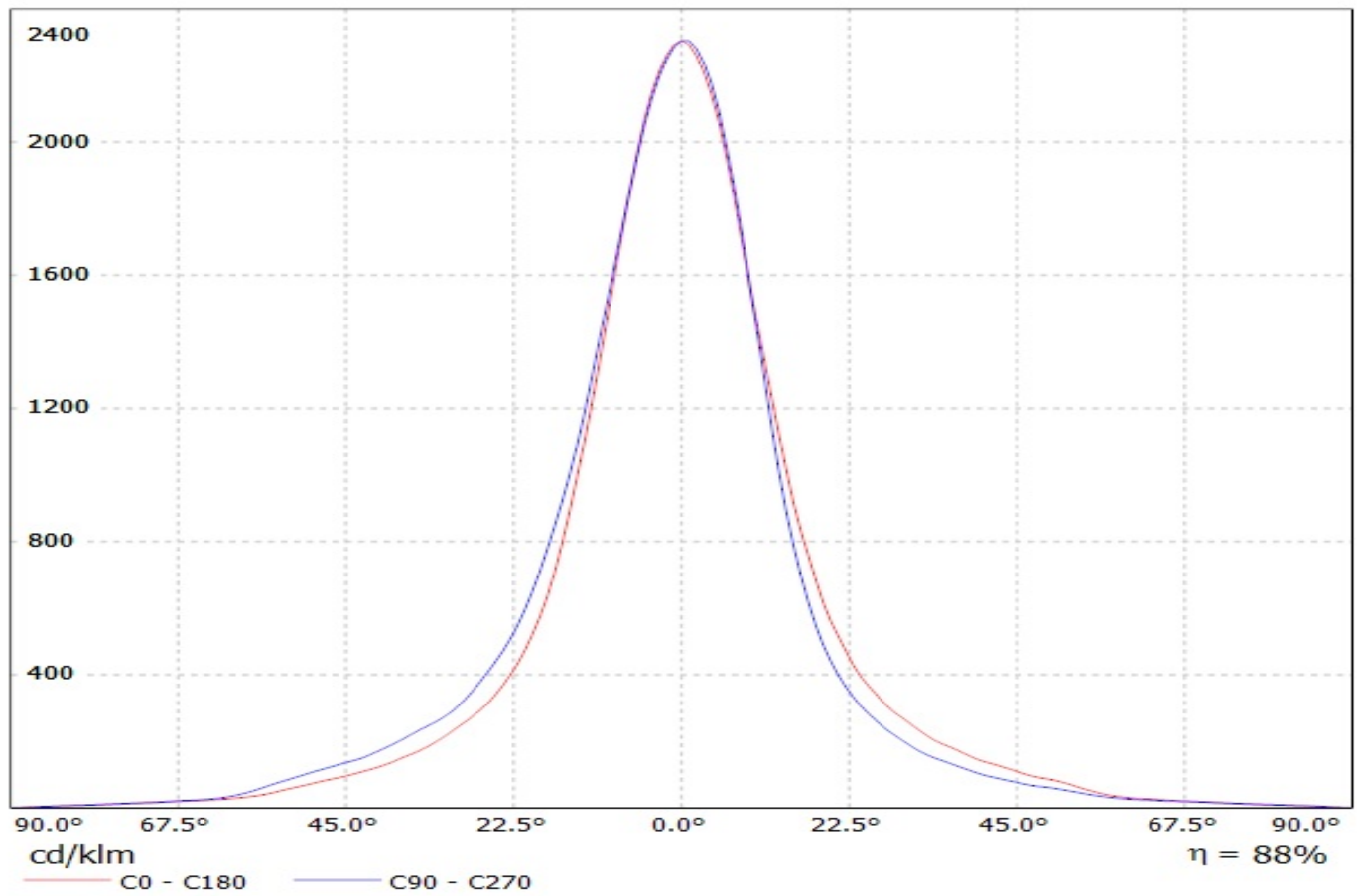


Luminaire: Ledil Oy CN14236_WINNIE-S_(CXA1816) Efficiency=86%
Lamps: 1 x Cree CXA1816 1015lm @ 250mA CCT=3210K P=8.80W I=250mA



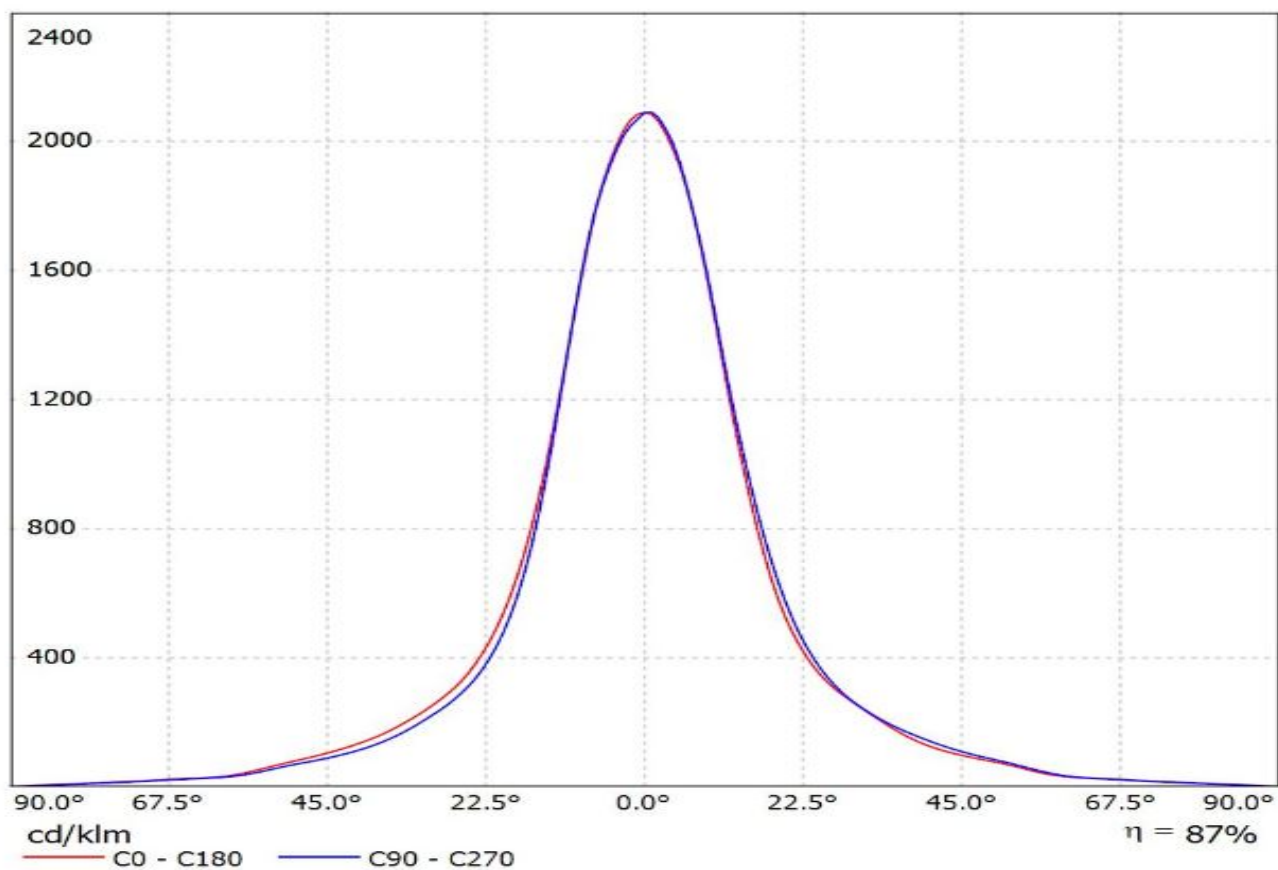
Luminaire: LEDil Oy CN14236 WINNIE-S (Soleriq_S13)

Lamps: 1 x Osram Soleriq S13 (GW KAGHB1.EM) 833.7lm @ 250mA CCT=3125K P=7.2W I=250mA



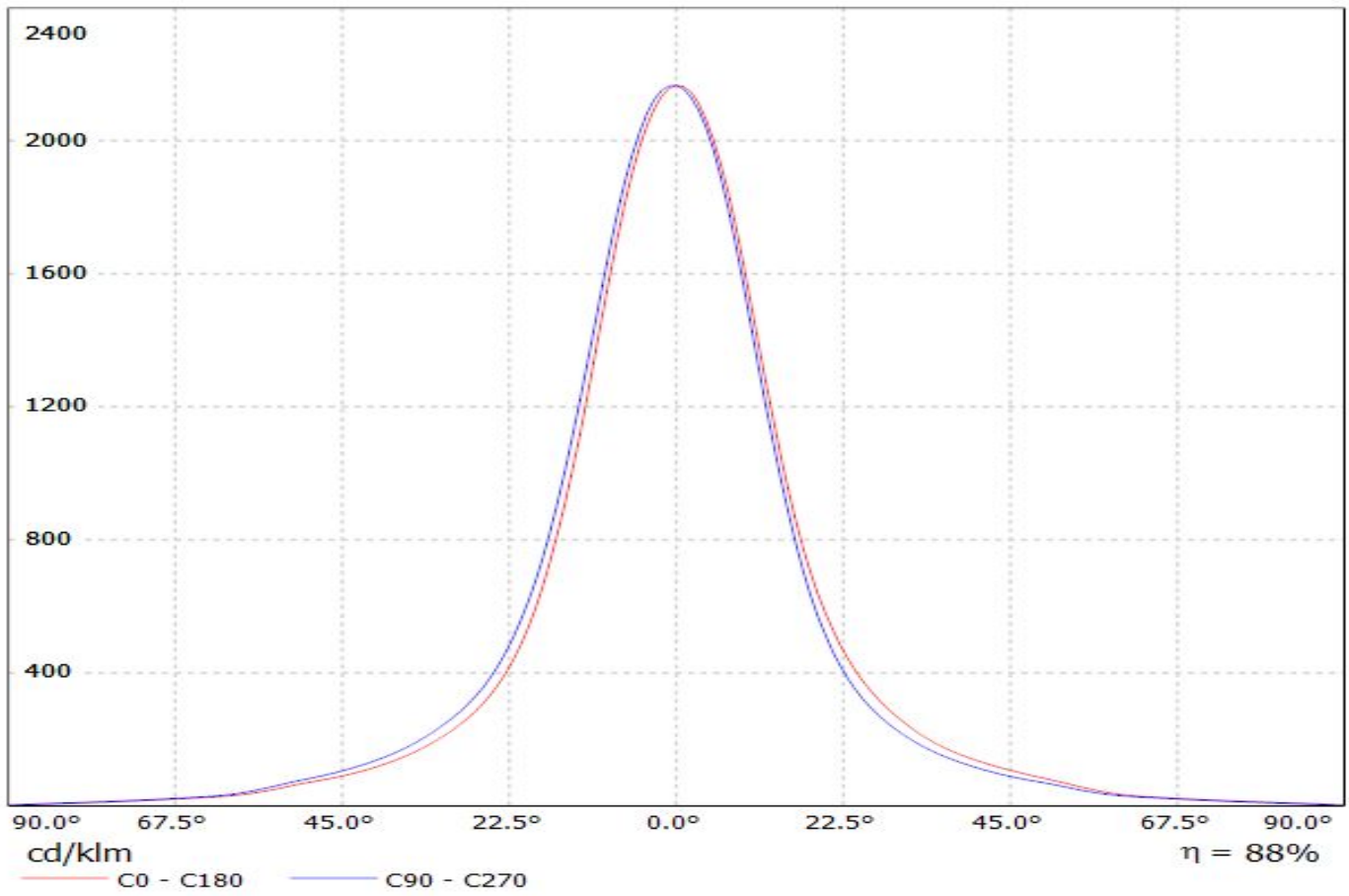
Luminaire: LEDiL Oy CN14236_WINNIE-S_(SOLERIQ_P13)

Lamps: 1 x SOLERIQ_P13_(GW_MAGMB1.EM)_929.576lm@250mA_CCT=3500K_P=8.72876W_I=249.8mA

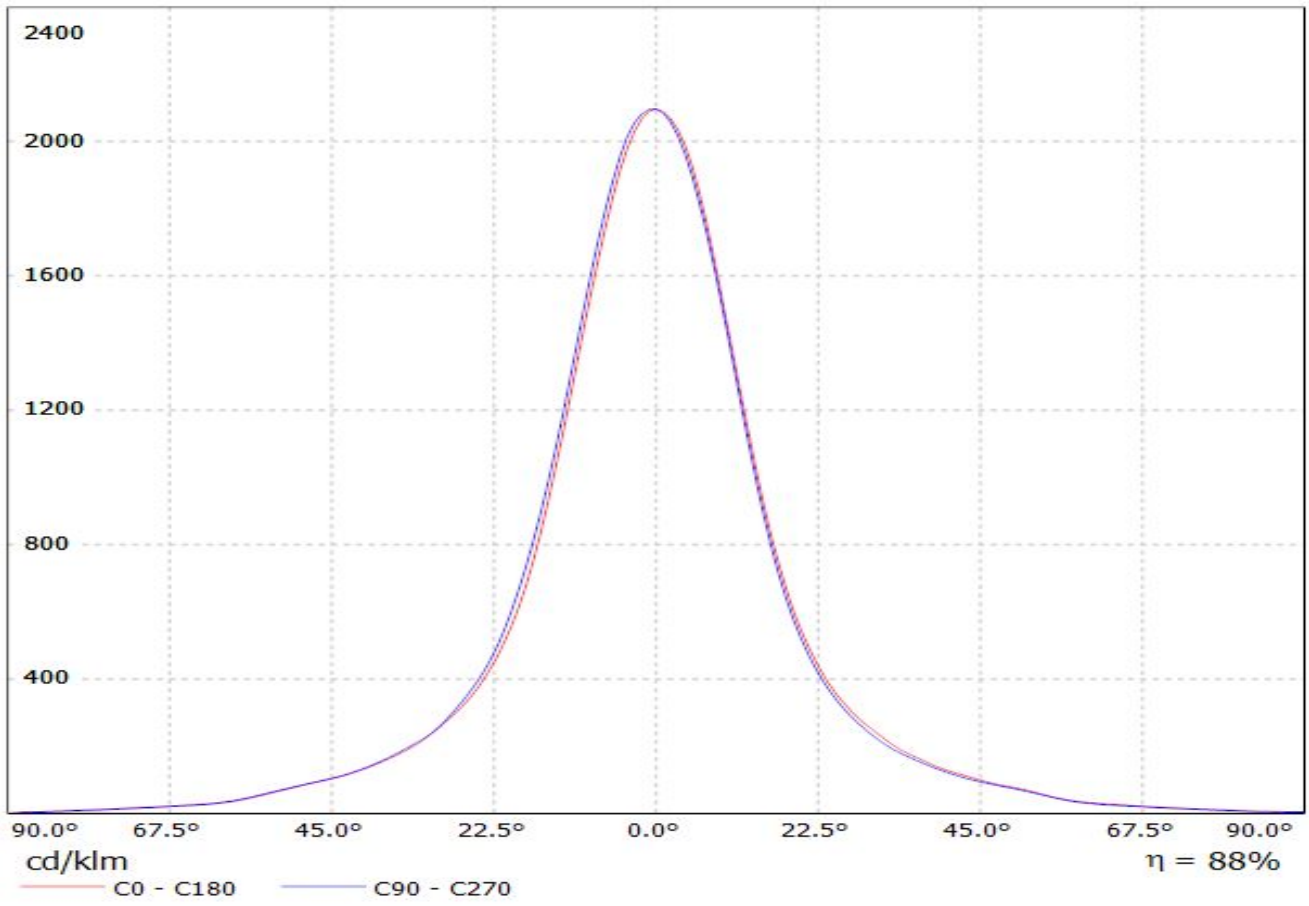


Luminaire: LEDiL Oy CN14236_WINNIE-S_(ZC12)

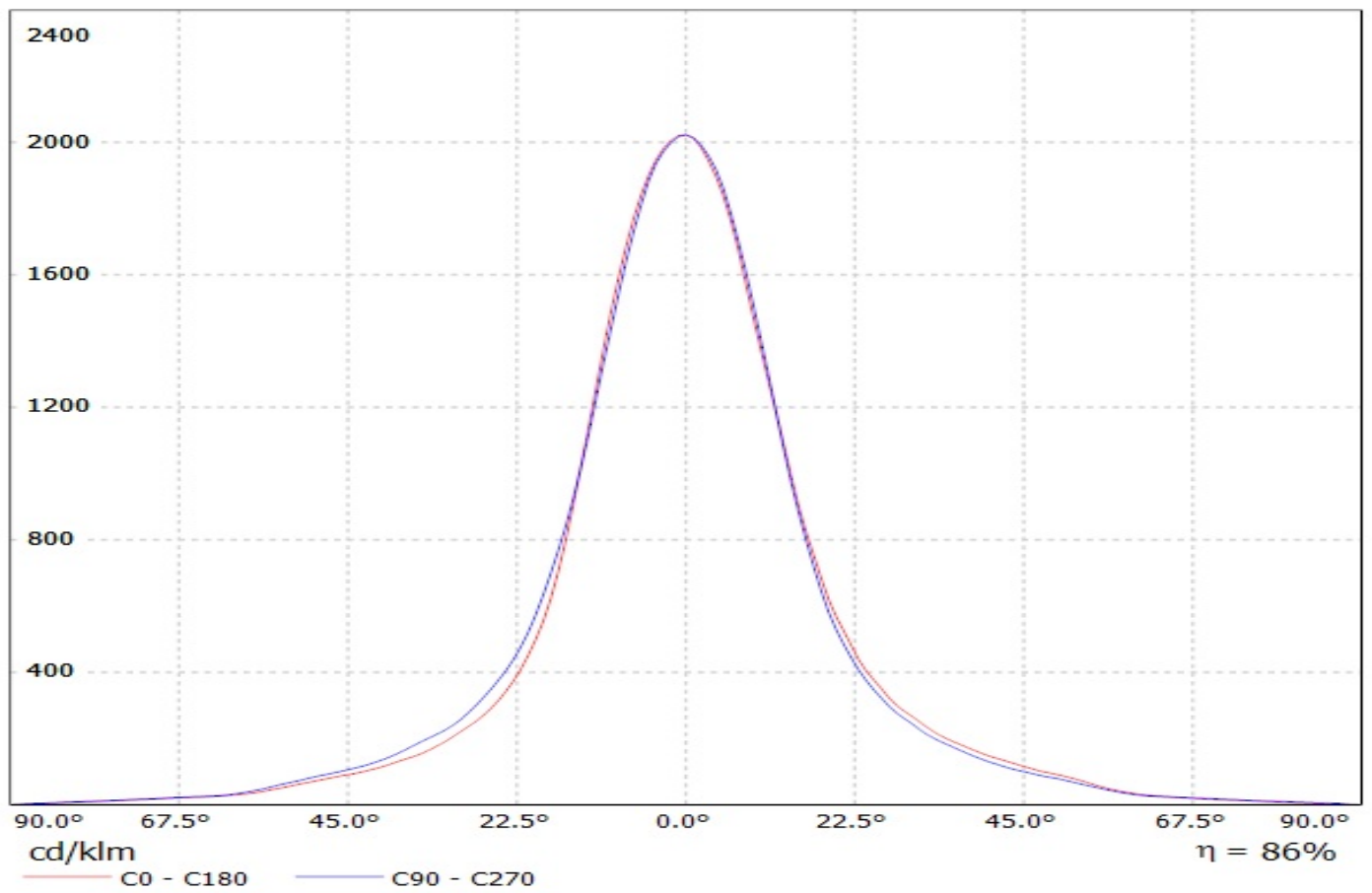
Lamps: 1 x Seoul_ZC12_(SDW82F1C)_+_B+W_433_Typ_L5_1217.21lm@250mA_P=8.64733W_I=250mA



Luminaire: Ledil Oy CN14236_WINNIE-S_(CLL030) Efficiency=87%
Lamps: 1 x Citizen CLL030 (CLL030-1206A1-303M1A2) 856lm @ 250mA CCT=3000K P=8.75W I=250mA

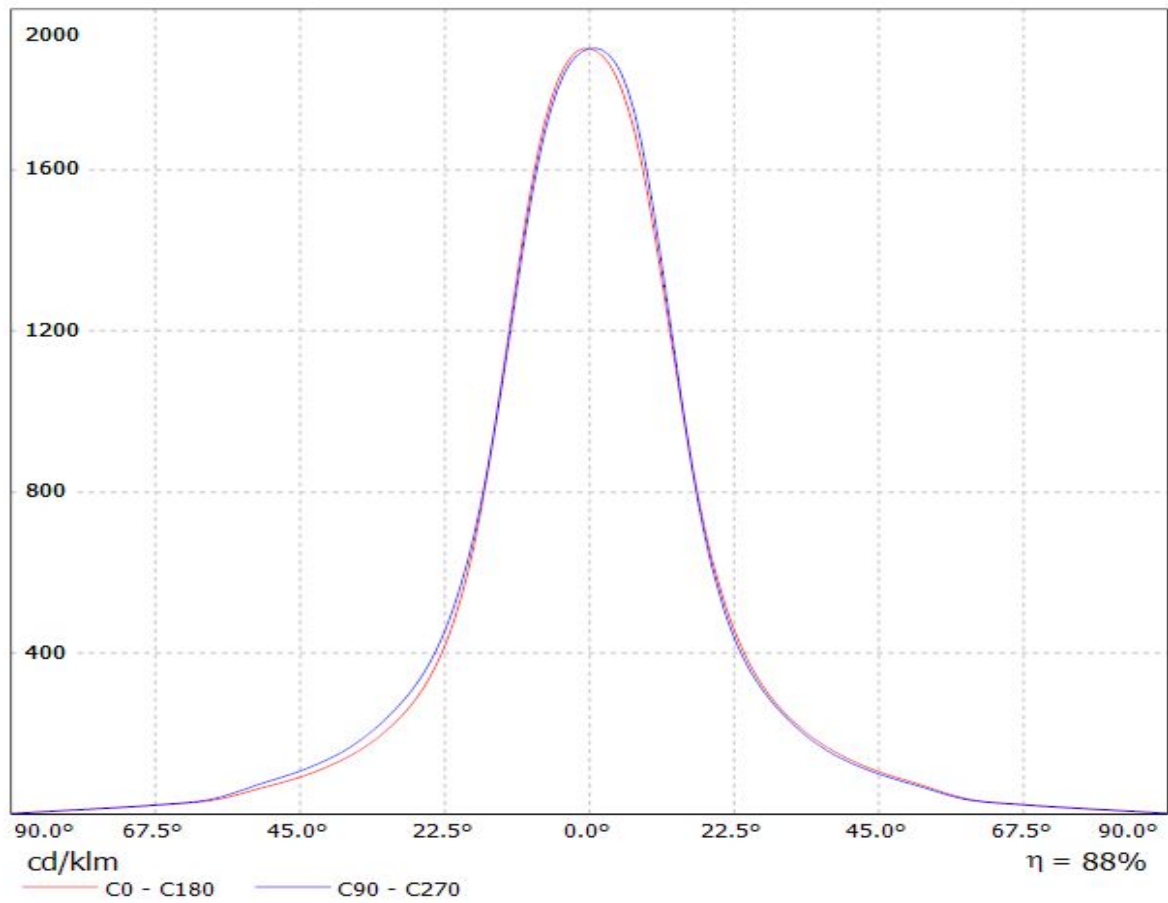


Luminaire: LEDil Oy CN14236_WINNIE-S_(CXM-14)
Lamps: 1 x Luminus CXM-14 (1058.75lm @ 250mA) CCT=3100K P=8.3W I=250mA



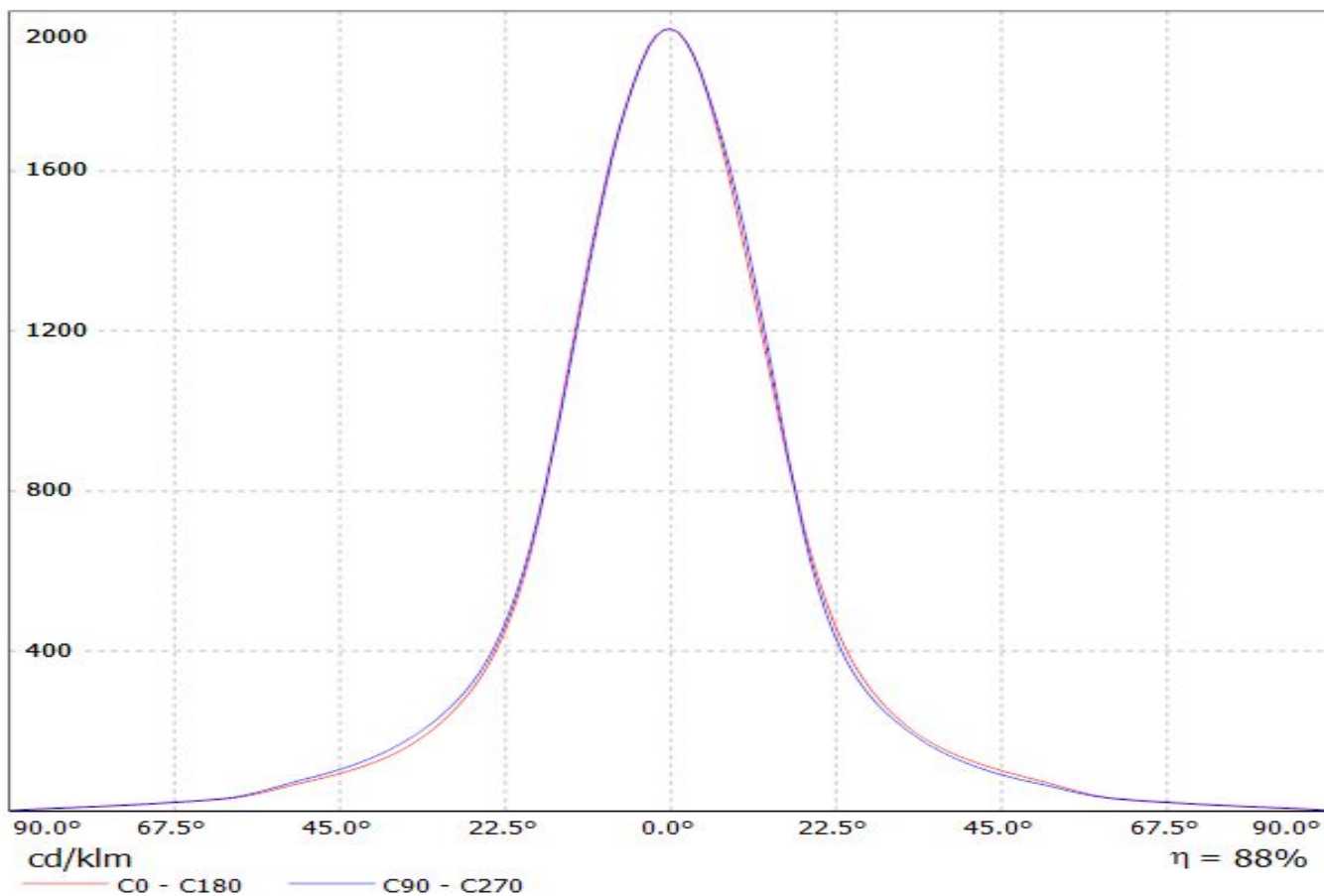
Luminaire: LEDiL Oy CN14236 WINNIE-S (CLU034)

Lamps: 1 x Citizen_CLU034_(CLL034-1205B8-303M1A2)_+_B+W_433_Typ_L5_1154.06lm@250mA_P=8.45523W_I=250mA



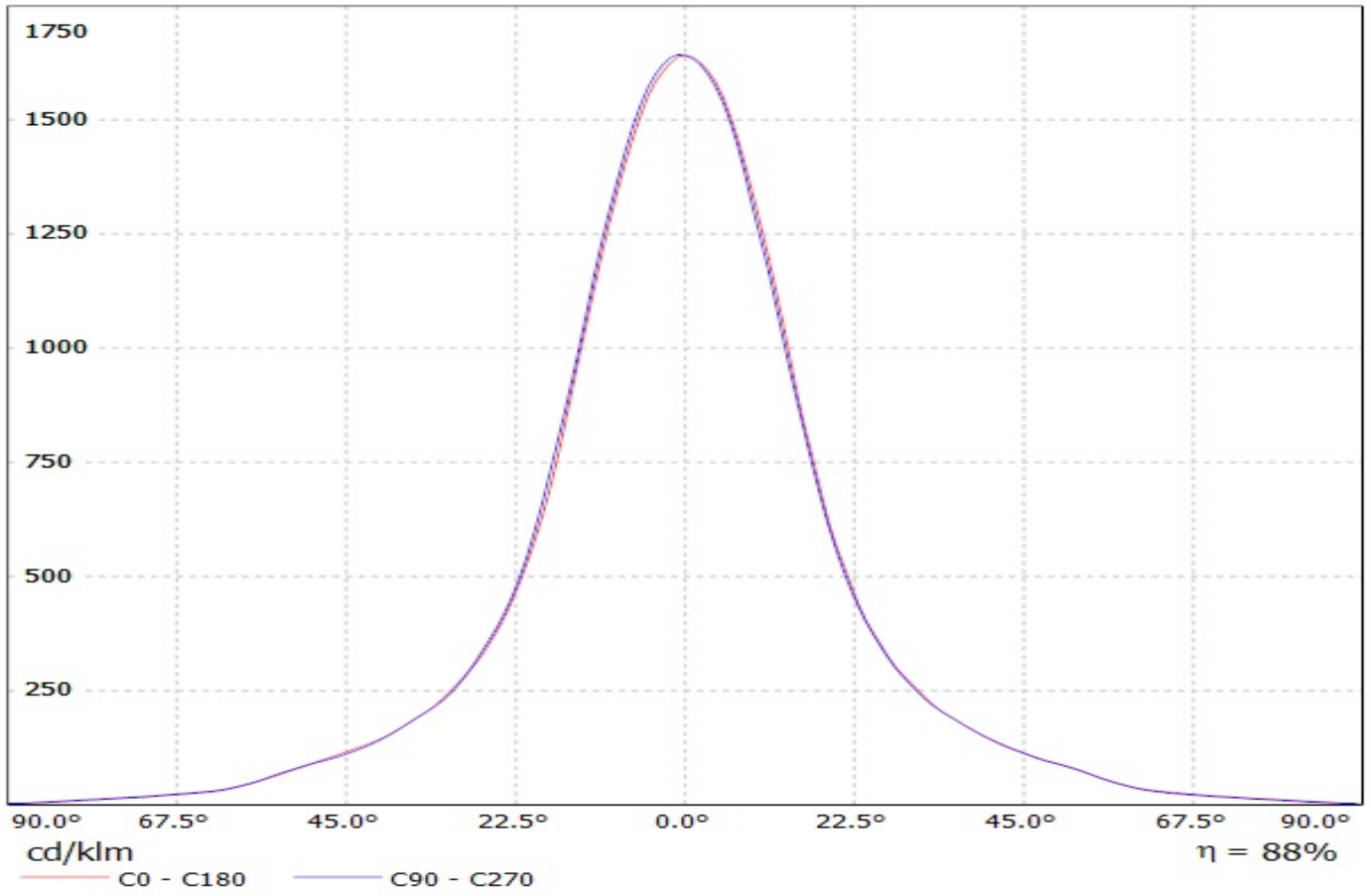
Luminaire: LEDiL Oy CN14236_WINNIE-S_(DMC128)

Lamps: 1 x DMC128+433_TYP_L5_825.549lm@250mA_P=8.28162W_I=250mA



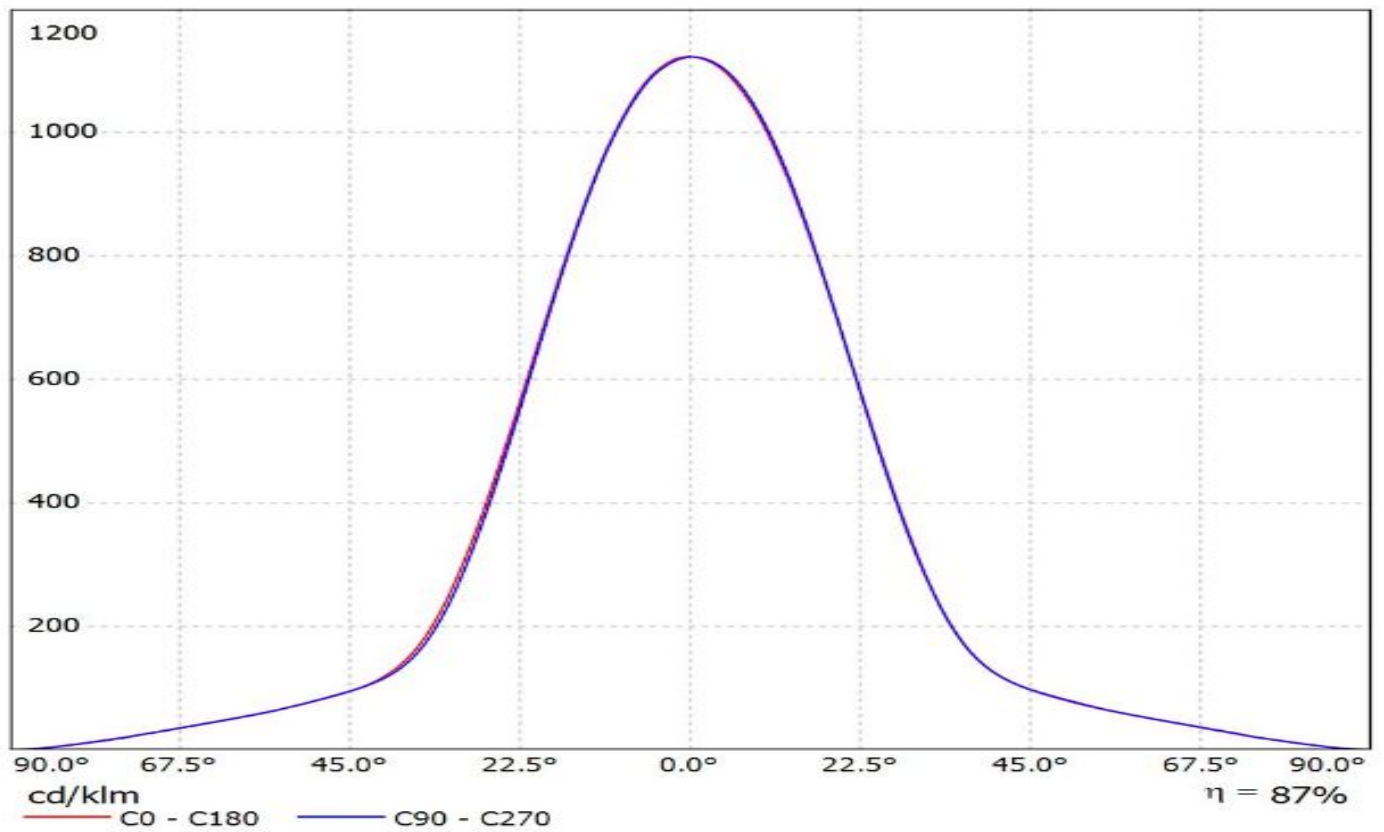
Luminaire: LEDil Oy CN14236_WINNIE-S_(Soleriq_S19)

Lamps: 1 x Osram Soleriq S19 (GW KAHJB1.EM) 1345.37lm @ 250mA CCT=2904K P=10.5W I=250mA



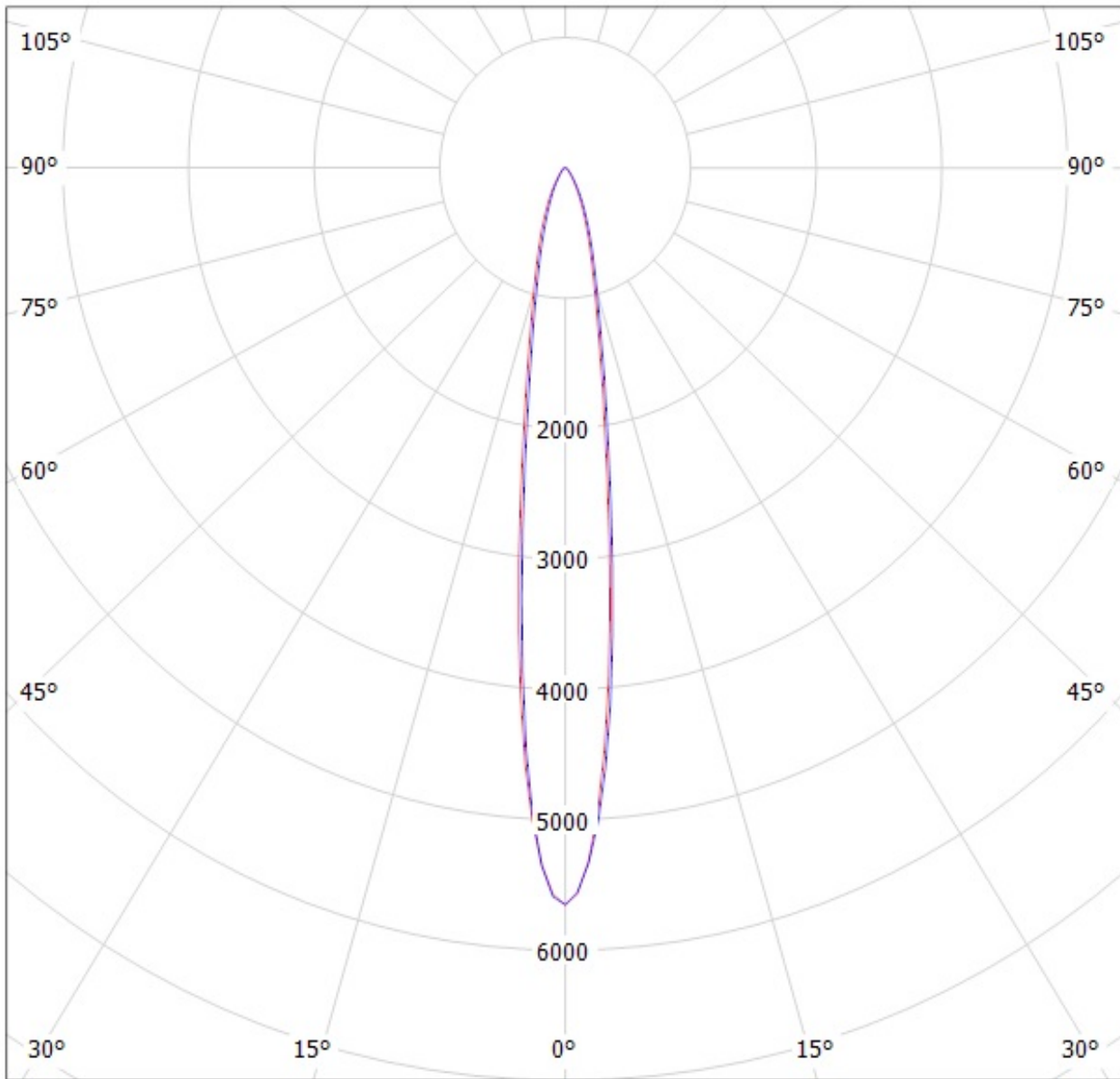
Ledil CN13990_SAGA-HB-IP-WHT_(CLU710)_(470_Typ_L5) / LDC (Linear)

Luminaire: Ledil CN13990_SAGA-HB-IP-WHT_(CLU710)_(470_Typ_L5)
Lamps: 1 x Citizen_CLU710_(CLU710-1204B8-273M2G1)_(470_Typ_L5)
_1134.69lm@250mA_CCT=2700K_P=8.5W_I=0.25A



Luminaire: LEDiL Oy CN14236_WINNIE-S_(CLU700)_434-Typ-L5

Lamps: 1 x Citizen_CLU700_(CLU700-1002B8-273M2G1)_434_Typ_L5_377.008lm@100mA_P=2.82212W_I=0.1001A



cd/klm

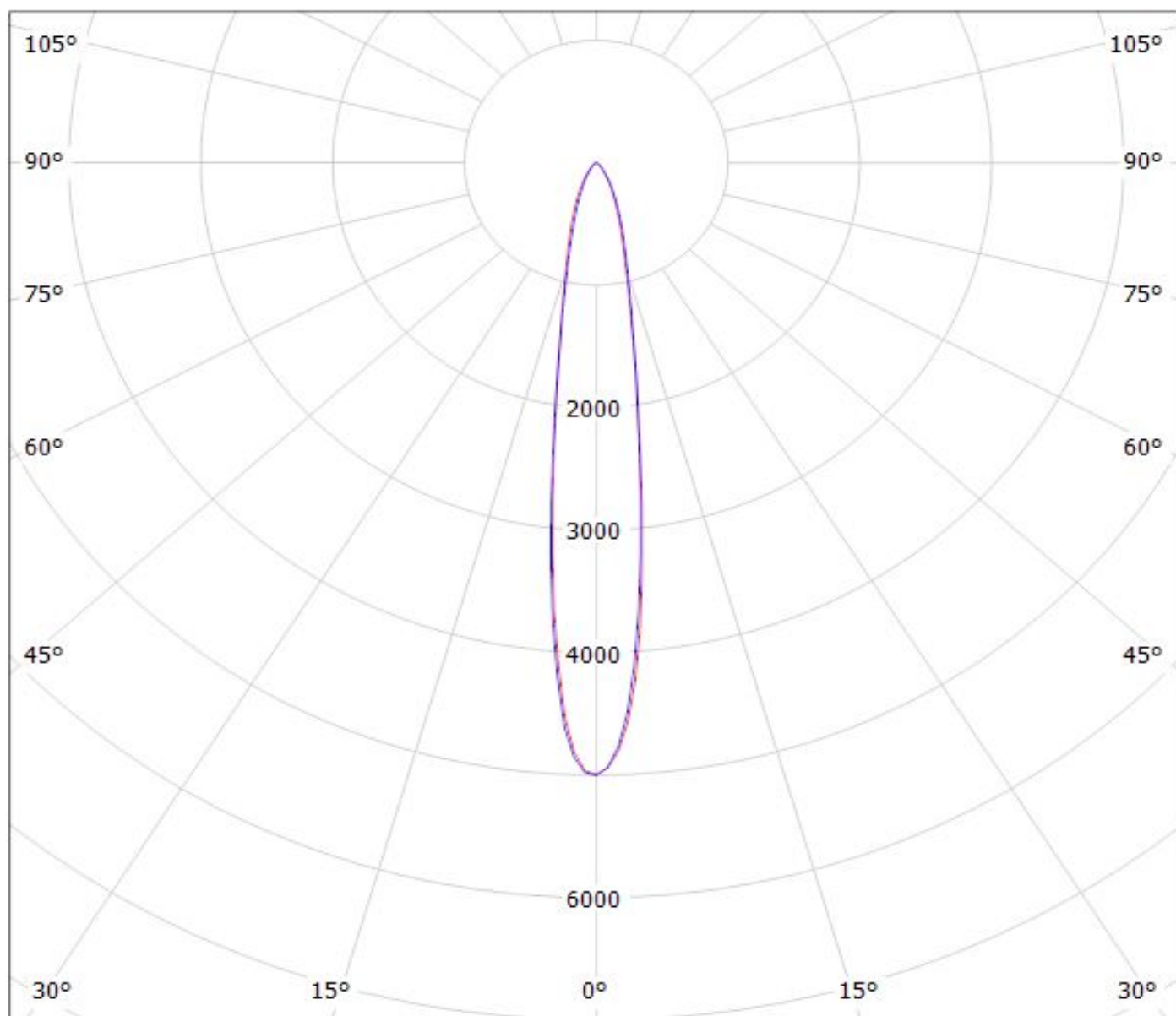
$\eta = 90\%$

— C0 - C180

— C90 - C270

Luminaire: LEDiL Oy CN14236_WINNIE-S_(CLU700)

Lamps: 1 x Citizen_CLU700_367.467lm@100mA_P=2.77574W_I=0.1002A



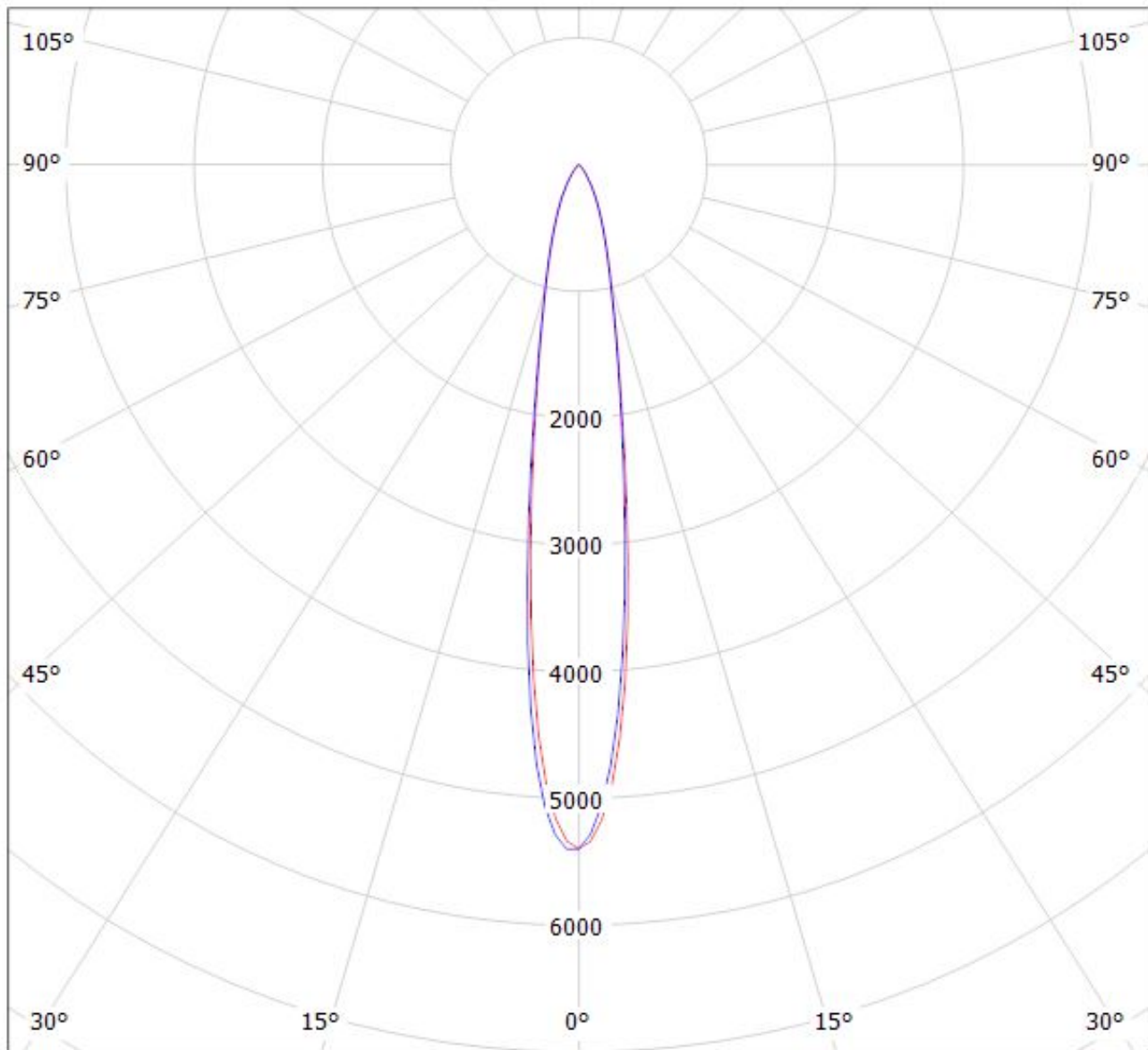
cd/klm

— C0 - C180

— C90 - C270

$\eta = 89\%$

Luminaire: Ledil Oy CN14236_WINNIE-S_(CLL010) Efficiency=87%
Lamps: 1 x Citizen CLL010 (CLL010-035A1-303M1A2) 199lm @ 250mA CCT=3158K P=2.26W I=250mA



cd/klm

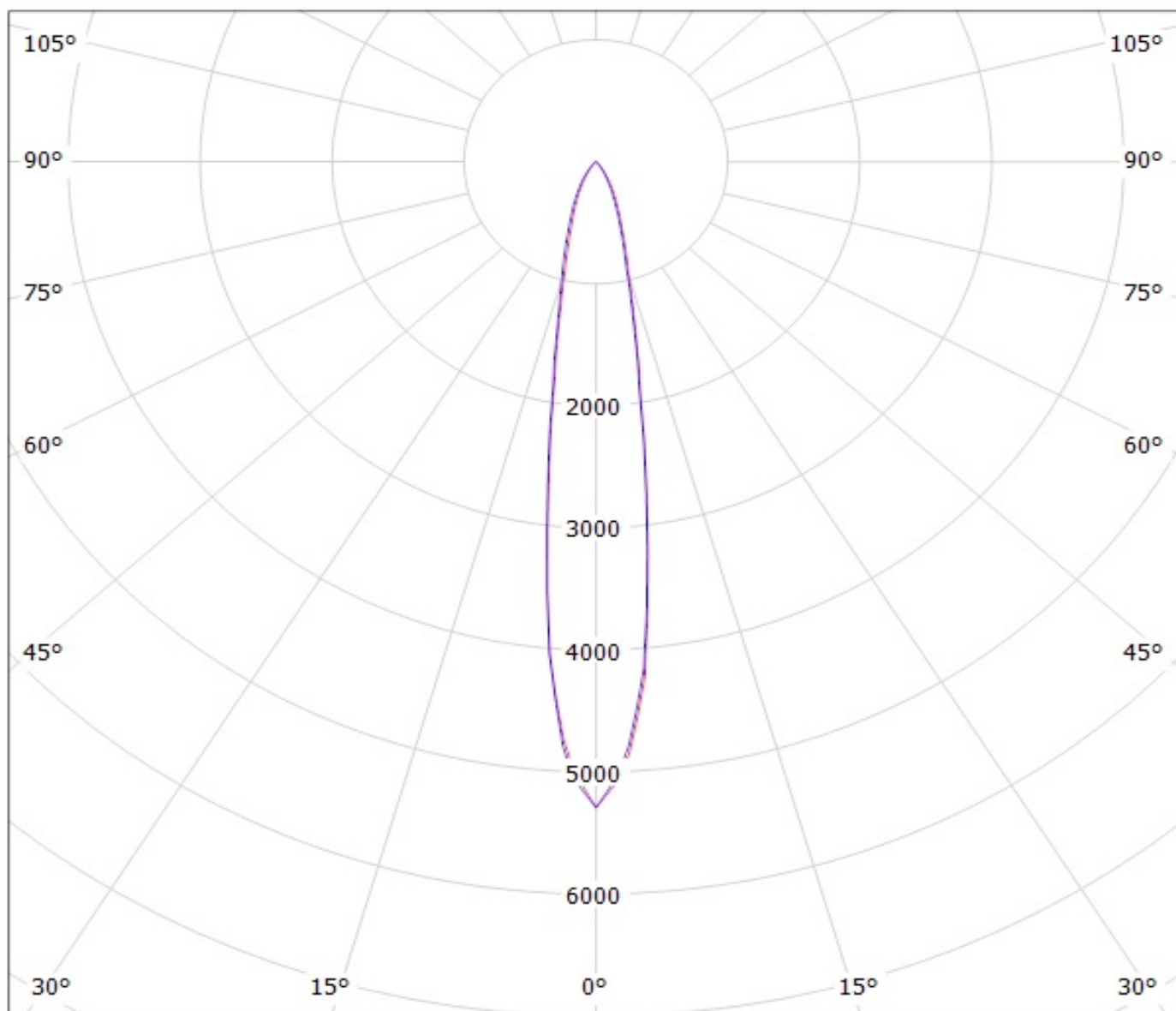
$\eta = 88\%$

— C0 - C180

— C90 - C270

Luminaire: LEDil Oy CN14236_WINNIE-S_(Soleriq_P6)

Lamps: 1 x Osram Soleriq P6 (GW MAEGB1.EM) 577lm @ 250mA CCT=2842K P=6.2W I=250mA



cd/klm

— C0 - C180

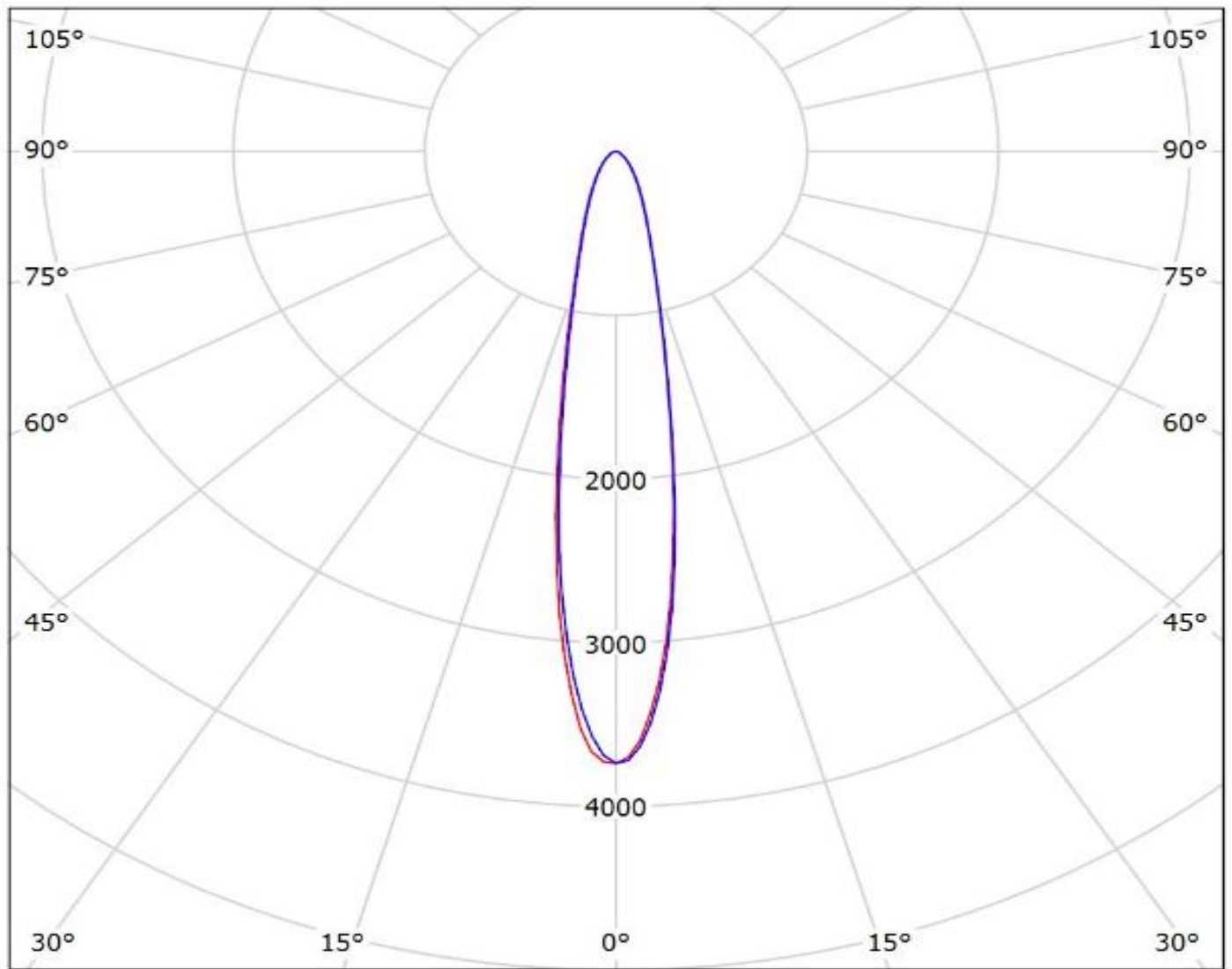
— C90 - C270

$\eta = 88\%$

Ledil CN14236_WINNIE-S_(CLU710) / LDC (Polar)

Luminaire: Ledil CN14236_WINNIE-S_(CLU710)

Lamps: 1 x CITIZEN_CLU710_(CLU710-1204B8-273M2G1)_1210.56lm@250mA_P=8.5W_I=0.25A



cd/klm

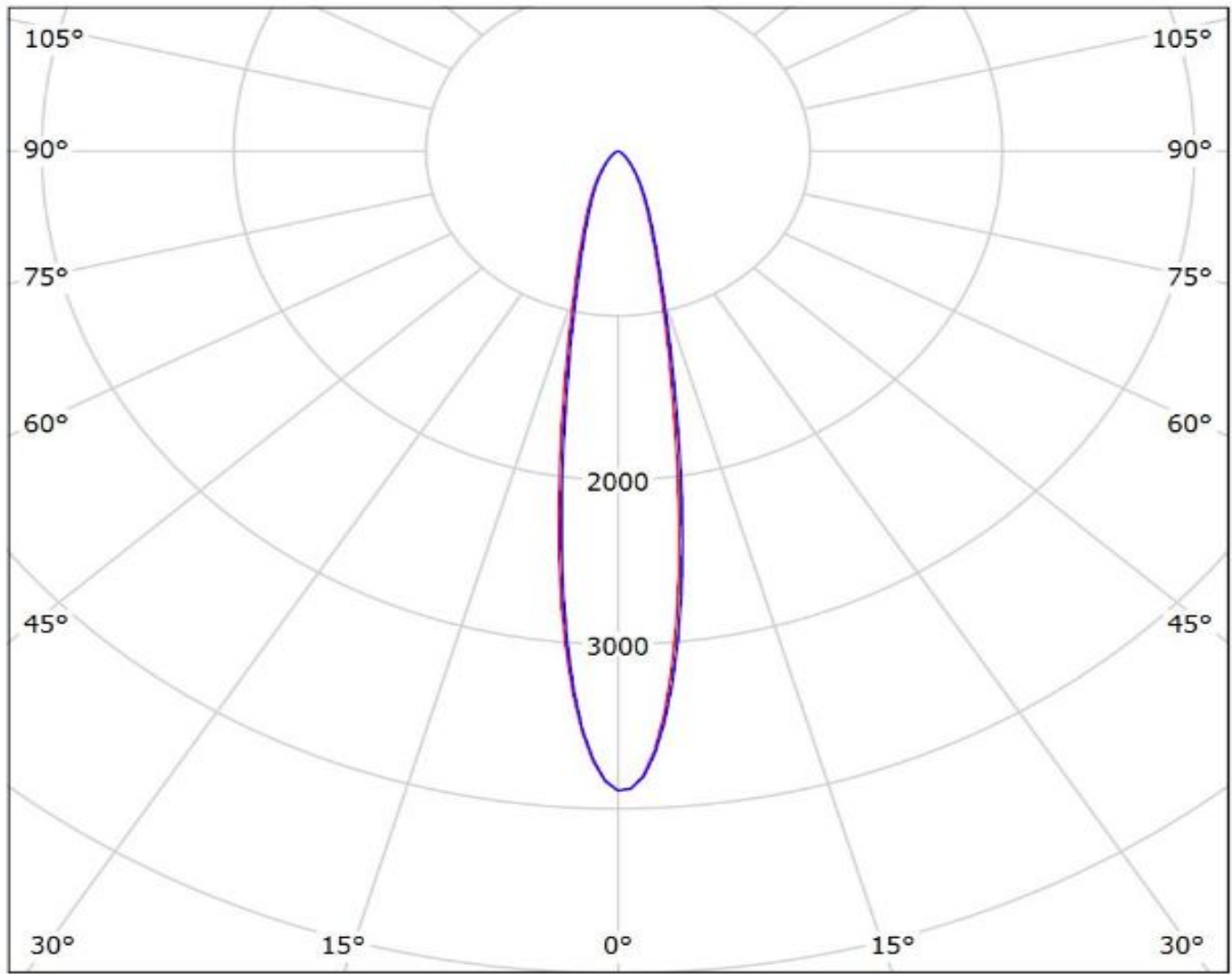
— C0 - C180

— C90 - C270

$\eta = 90\%$

Ledil CN14236_WINNIE-S_(CLU710)_(470_Typ_L5) / LDC (Polar)

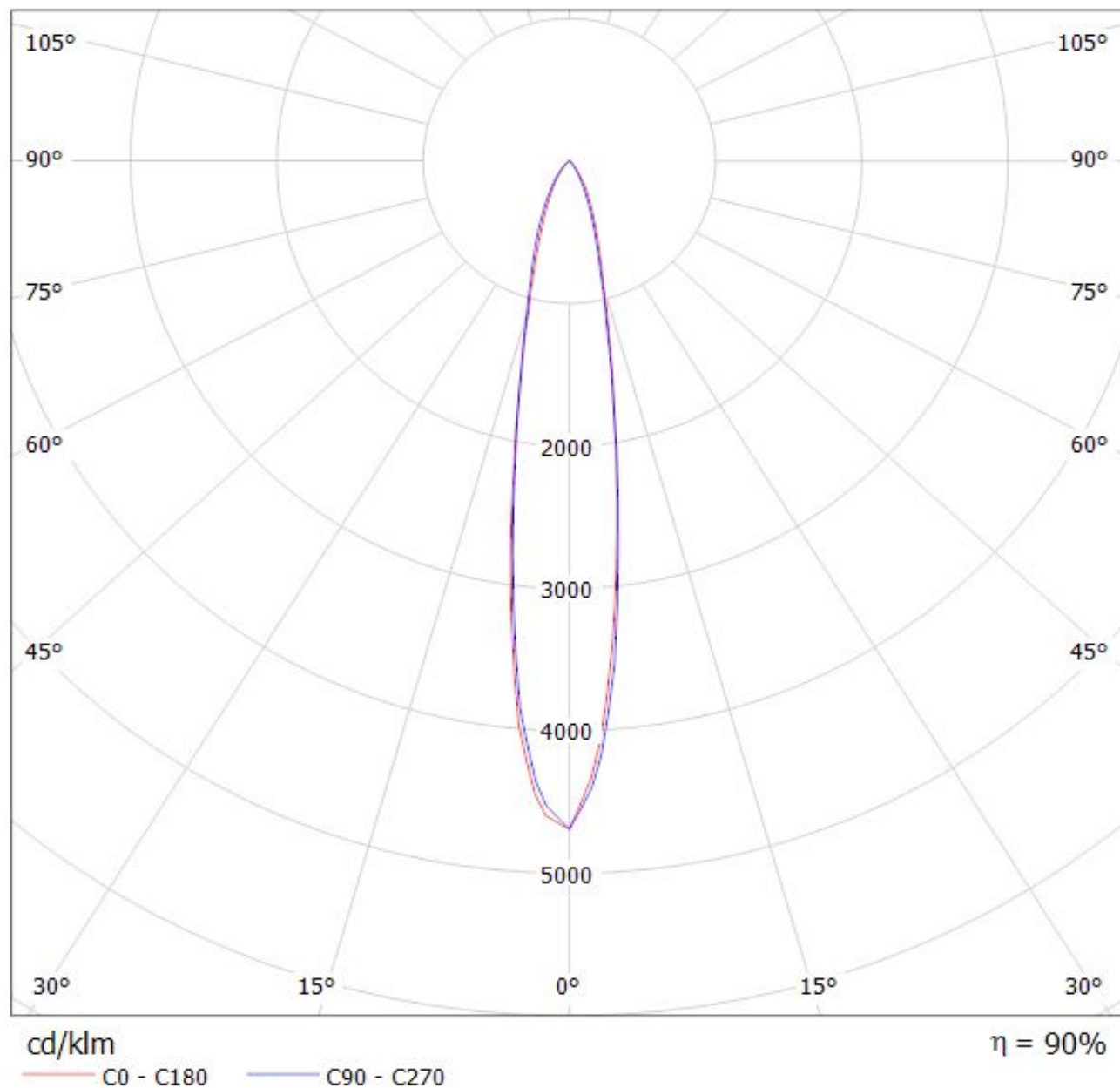
Luminaire: Ledil CN14236_WINNIE-S_(CLU710)_(470_Typ_L5)
Lamps: 1 x Citizen_CLU710_(CLU710-1204B8-273M2G1)_(470_Typ_L5)
_1134.69lm@250mA_CCT=2700K_P=8.5W_I=0.25A



cd/klm
— C0 - C180 — C90 - C270

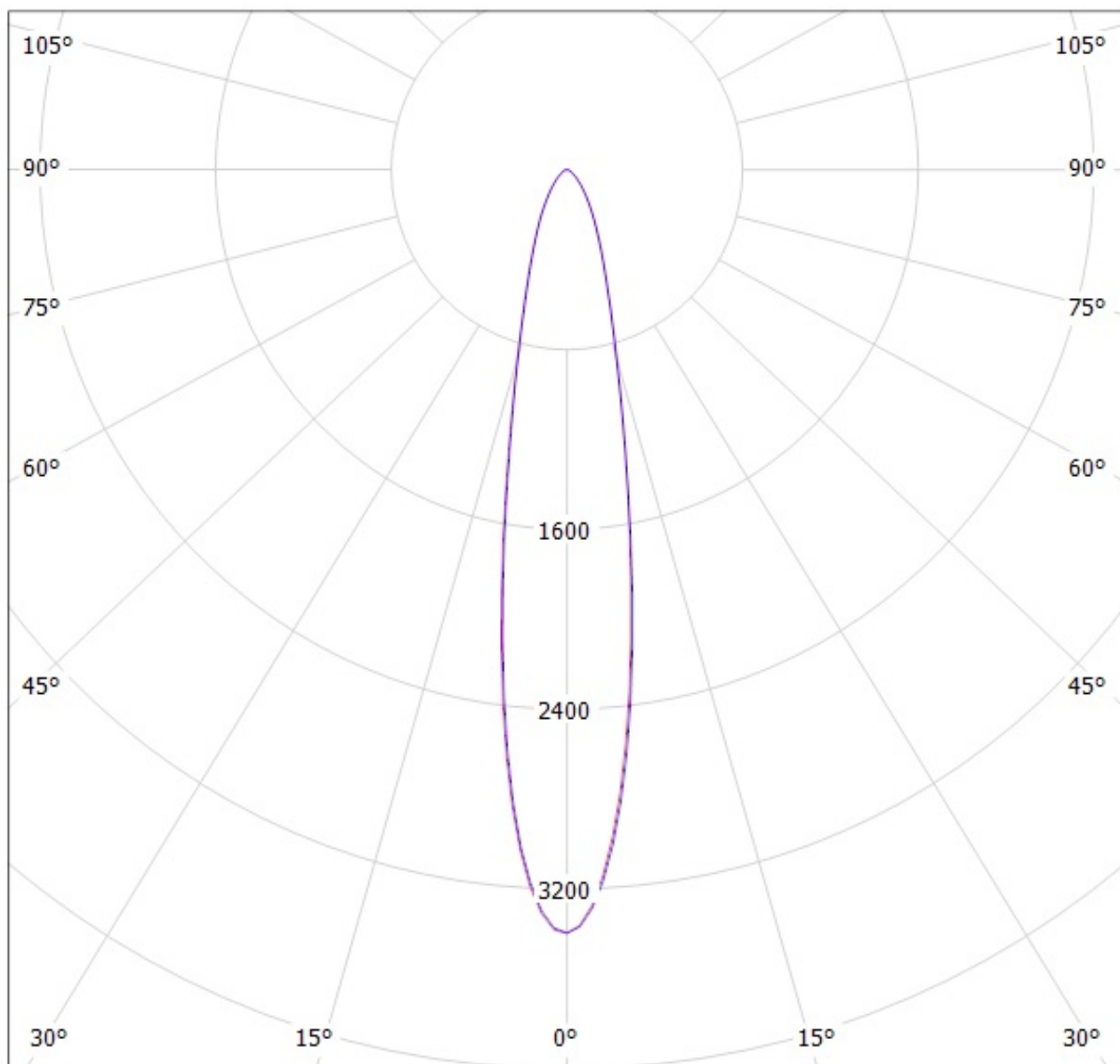
$\eta = 88\%$

Luminaire: Ledil Oy CN14236_WINNIE-S_(CXA1304) Efficiency=89%
Lamps: 1 x Cree CXA1304 (CXA1304-30F-B2-C0H-00001) 258lm @ 250mA CCT=3095K P=2.20W I=250mA



Luminaire: LEDiL Oy CN14236_WINNIE-S_(CLU024)_434-Typ-L5

Lamps: 1 x Citizen_CLU-024_(CLU024-1204B8-303M1A2)_434-Typ-L5_1023.5lm@250mA_P=8.57963W_I=0.2498A



cd/klm

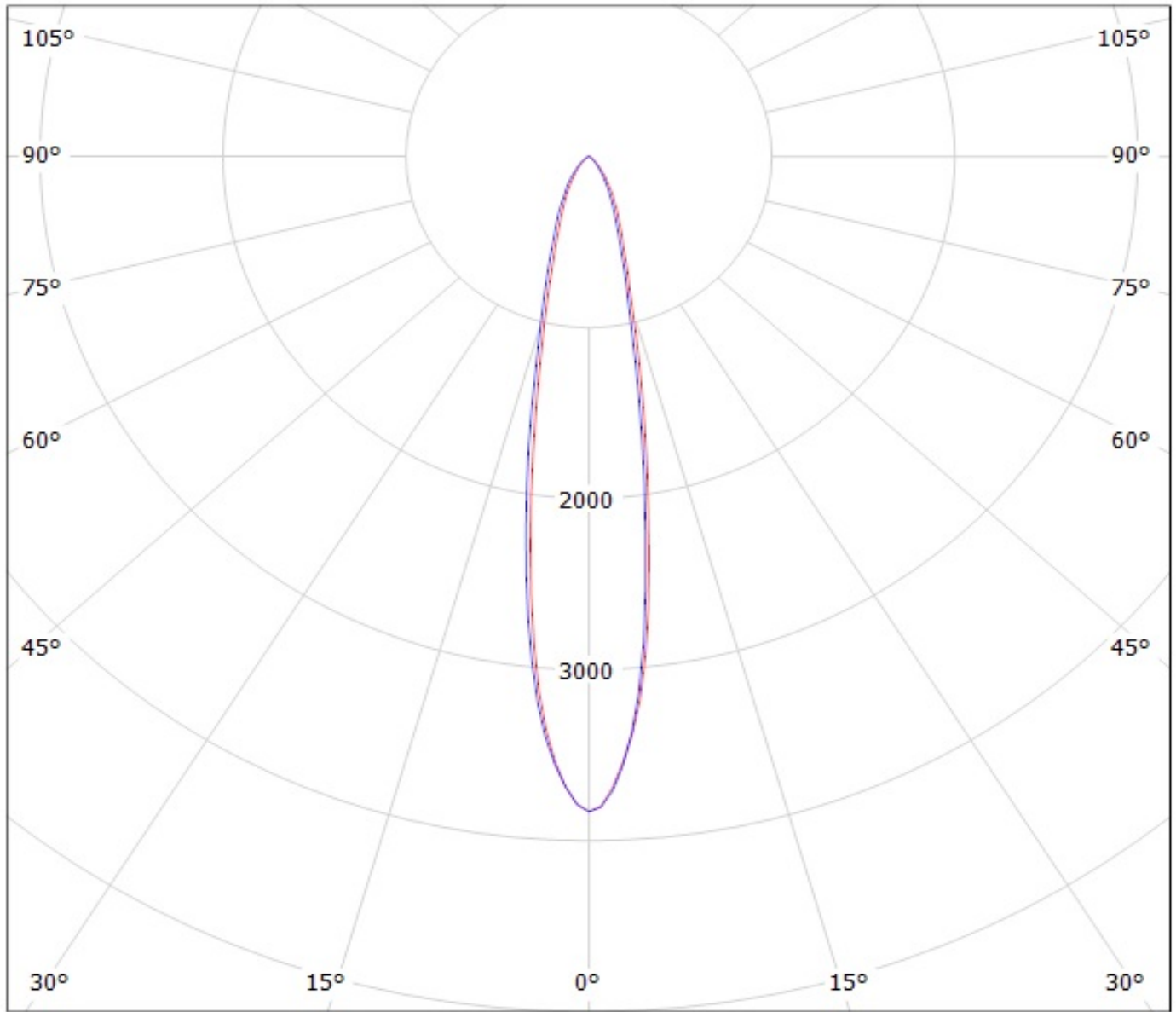
$\eta = 88\%$

— C0 - C180

— C90 - C270

Luminaire: LEDil Oy CN14236_WINNIE-S_(Soleriq_P9)

Lamps: 1 x Osram Soleriq P9 (GW MAFJB1.EM) 850.33lm @ 250mA CCT=4372K P=6.9W I=250mA



cd/klm

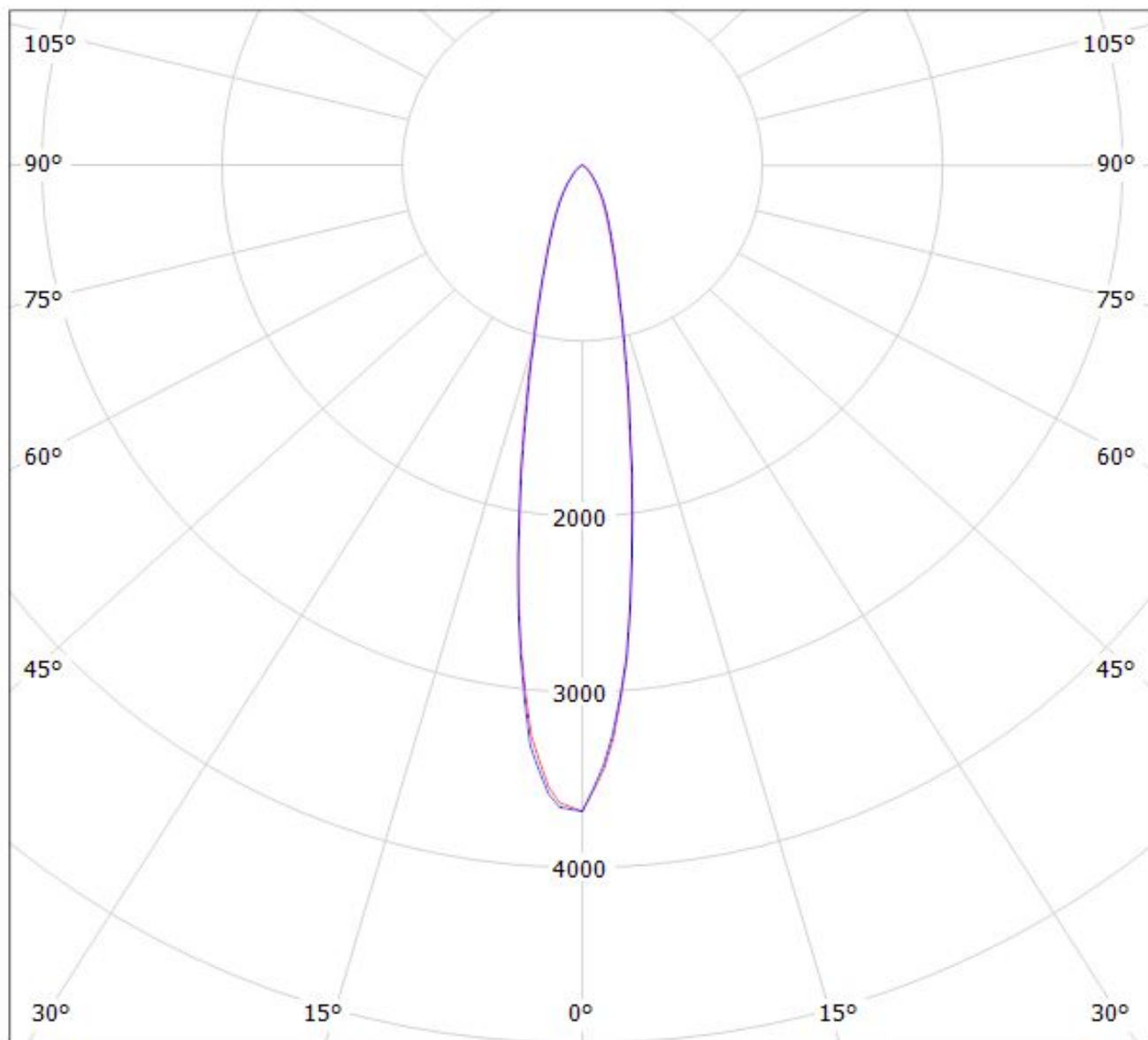
— C0 - C180

— C90 - C270

$\eta = 89\%$

Luminaire: Ledil Oy CN14236_WINNIE-S_(CXA1520) Efficiency=87%

Lamps: 1 x Cree CXA1520 (CXA1520-30F-N4-N0H-0001) 898lm @ 250mA CCT=3000K P=8.50W I=250mA



cd/klm

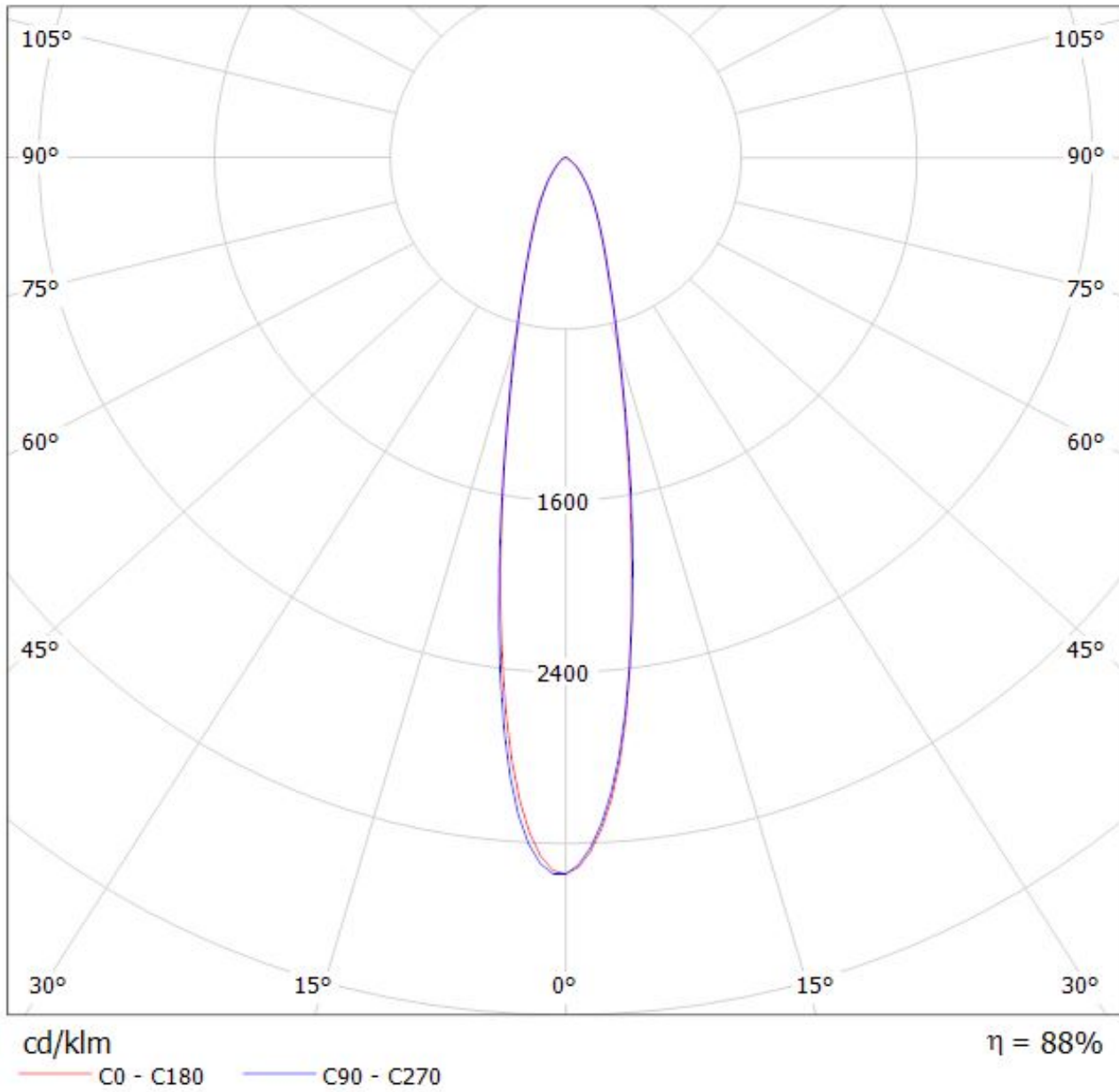
$\eta = 88\%$

— C0 - C180

— C90 - C270

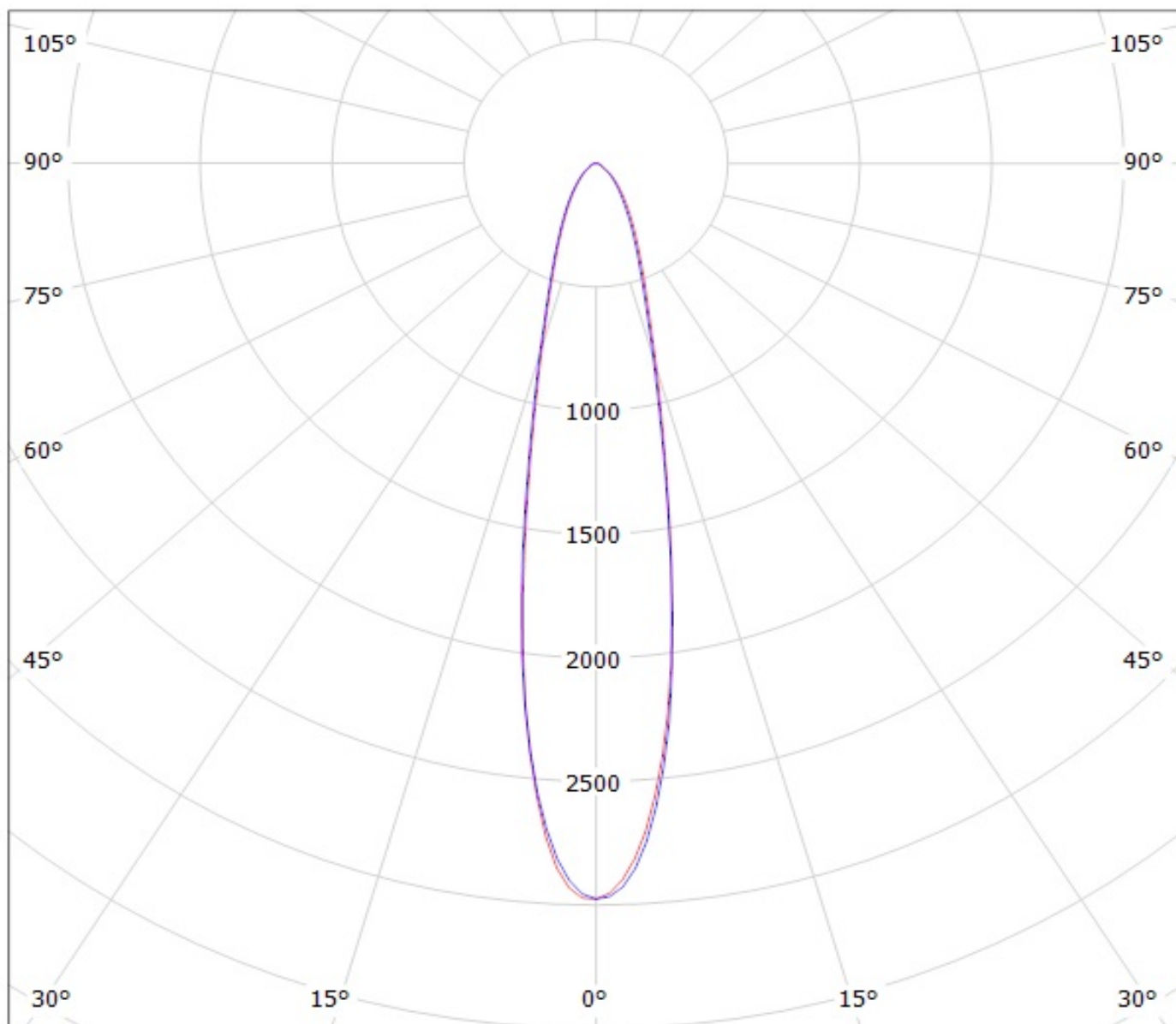
Luminaire: Ledil Oy CN14236_WINNIE-S_(CLL020) Efficiency=87%

Lamps: 1 x Citizen CLL020 (CLL020-1202A5-303H1A7) 339lm @ 120mA CCT=3000K P=4.20W I=120mA



Luminaire: LEDiL Oy CN14236_WINNIE-S_(VERO10)

Lamps: 1 x Bridgelux_VERO10_(301000B)_758.633lm@250mA_P=6.35346W_I=0.2499A



cd/klm

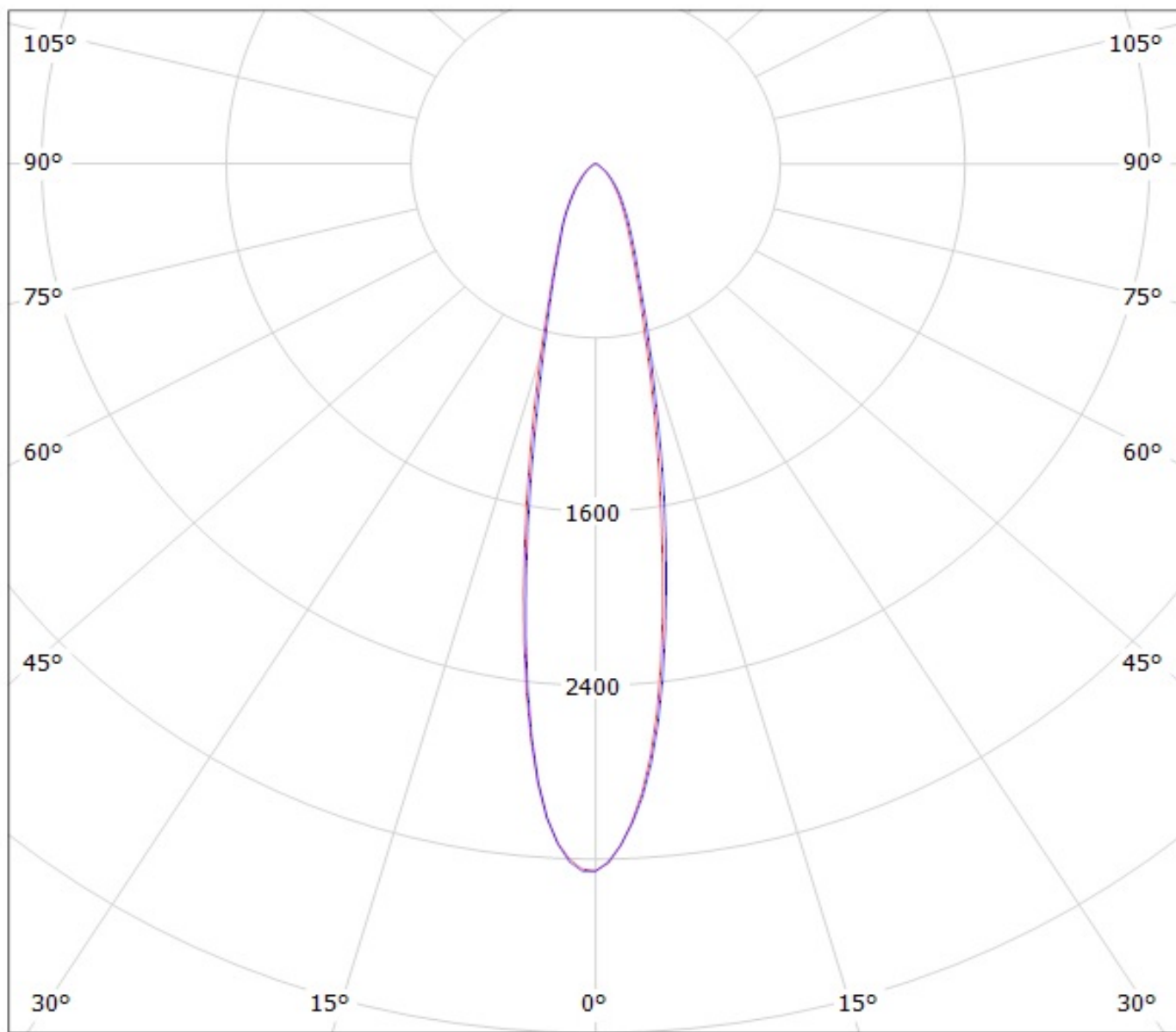
$\eta = 89\%$

— C0 - C180

— C90 - C270

Luminaire: LEDil Oy CN14236_WINNIE-S_(CXM-9)

Lamps: 1 x Luminus XNOVA CXM-9 AC00 900.32lm @ 240mA P=8.6W I=240mA



cd/klm

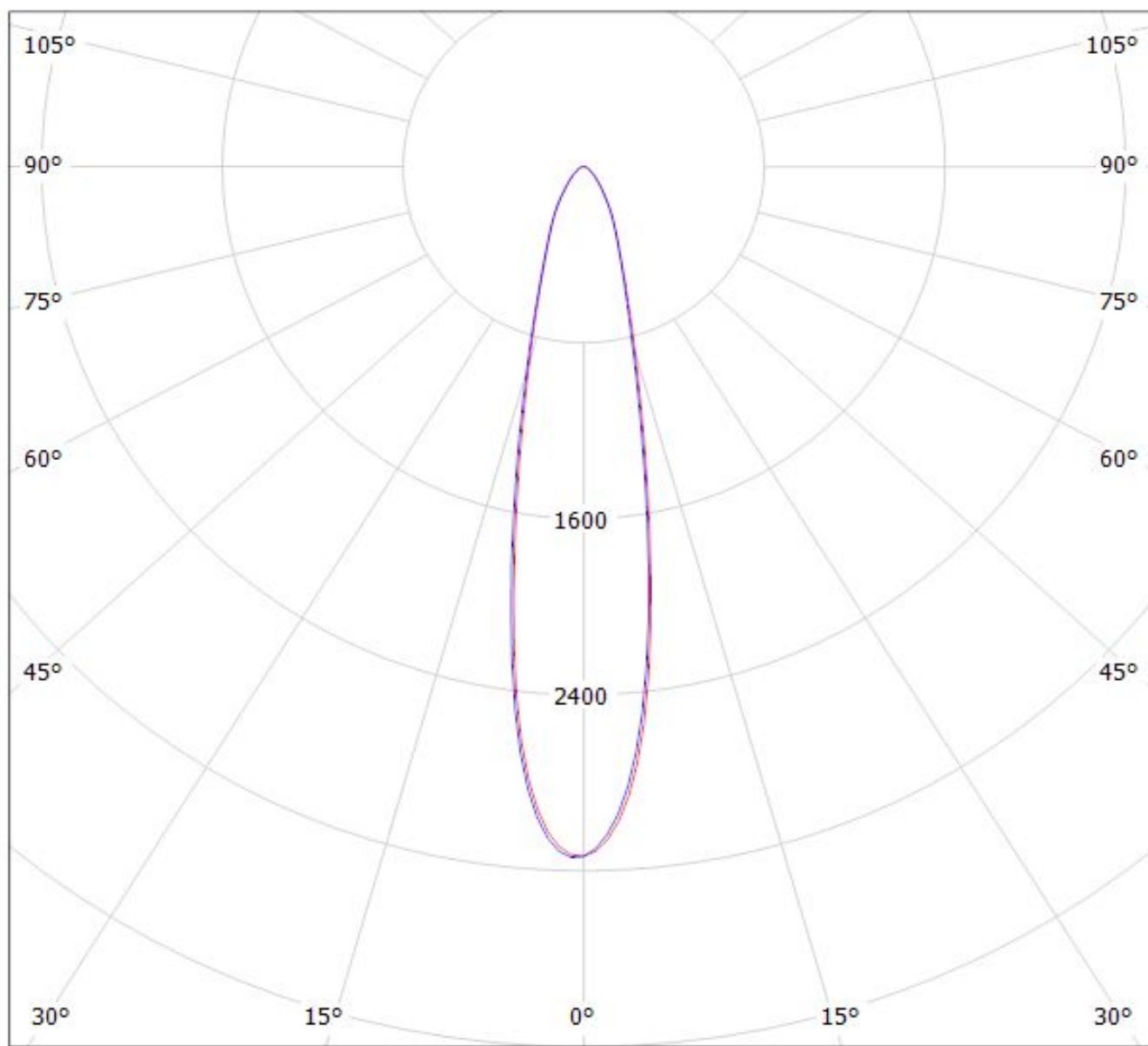
— C0 - C180

— C90 - C270

$\eta = 87\%$

Luminaire: LEDiL Oy CN14236_WINNIE-S_(CITIZEN_CLU720)

Lamps: 1 x CITIZEN_CLU720_(433 Typ L5)_1198.27lm@250mA_P=8.30318W_I=0.25A



cd/klm

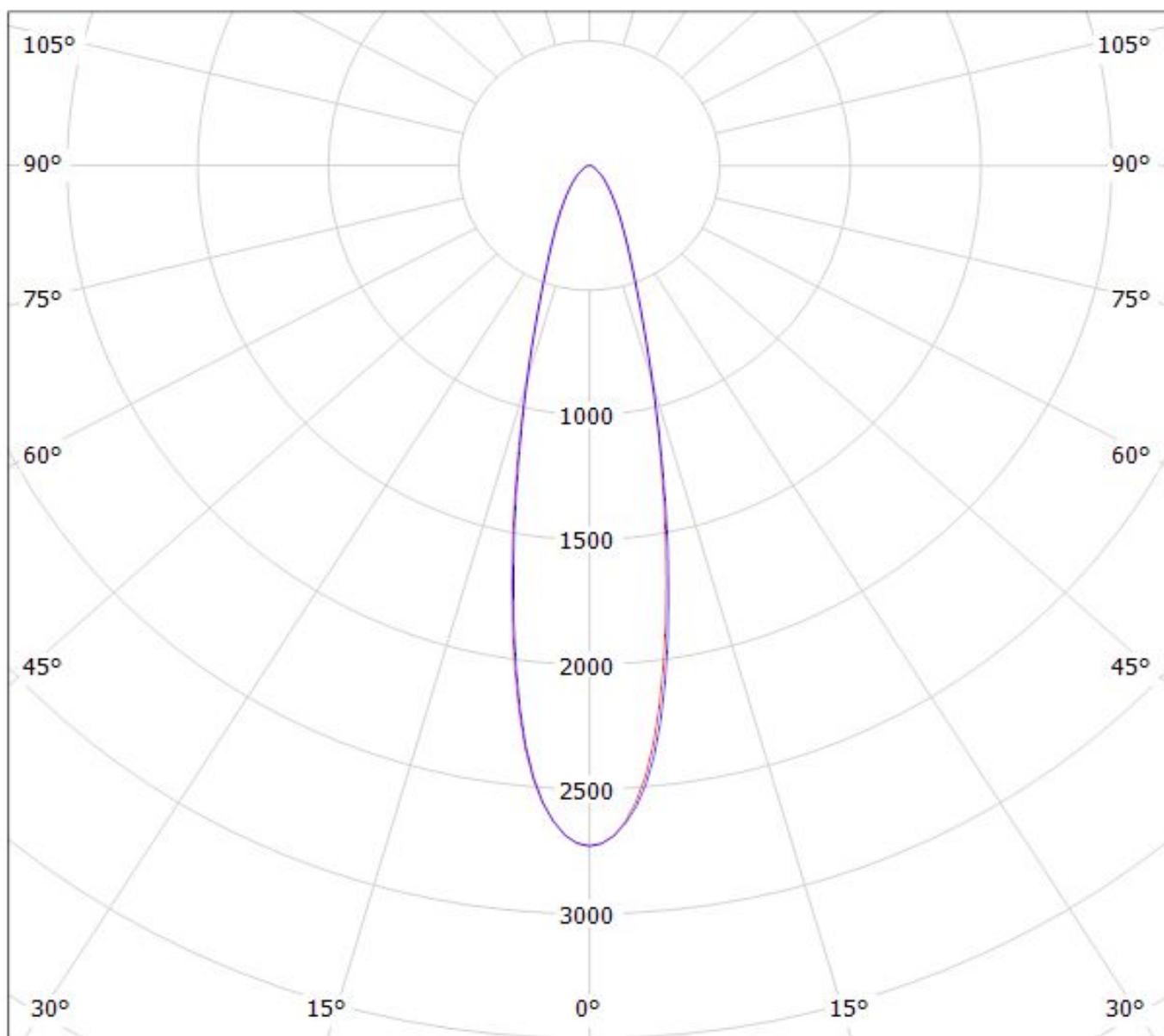
η = 93%

— C0 - C180

— C90 - C270

Luminaire: LEDiL Oy CN14236_WINNIE-S_(DMC125)

Lamps: 1 x DMC125+433_Typ_L5_1101.77lm@250mA_P=8.53017W_I=250mA



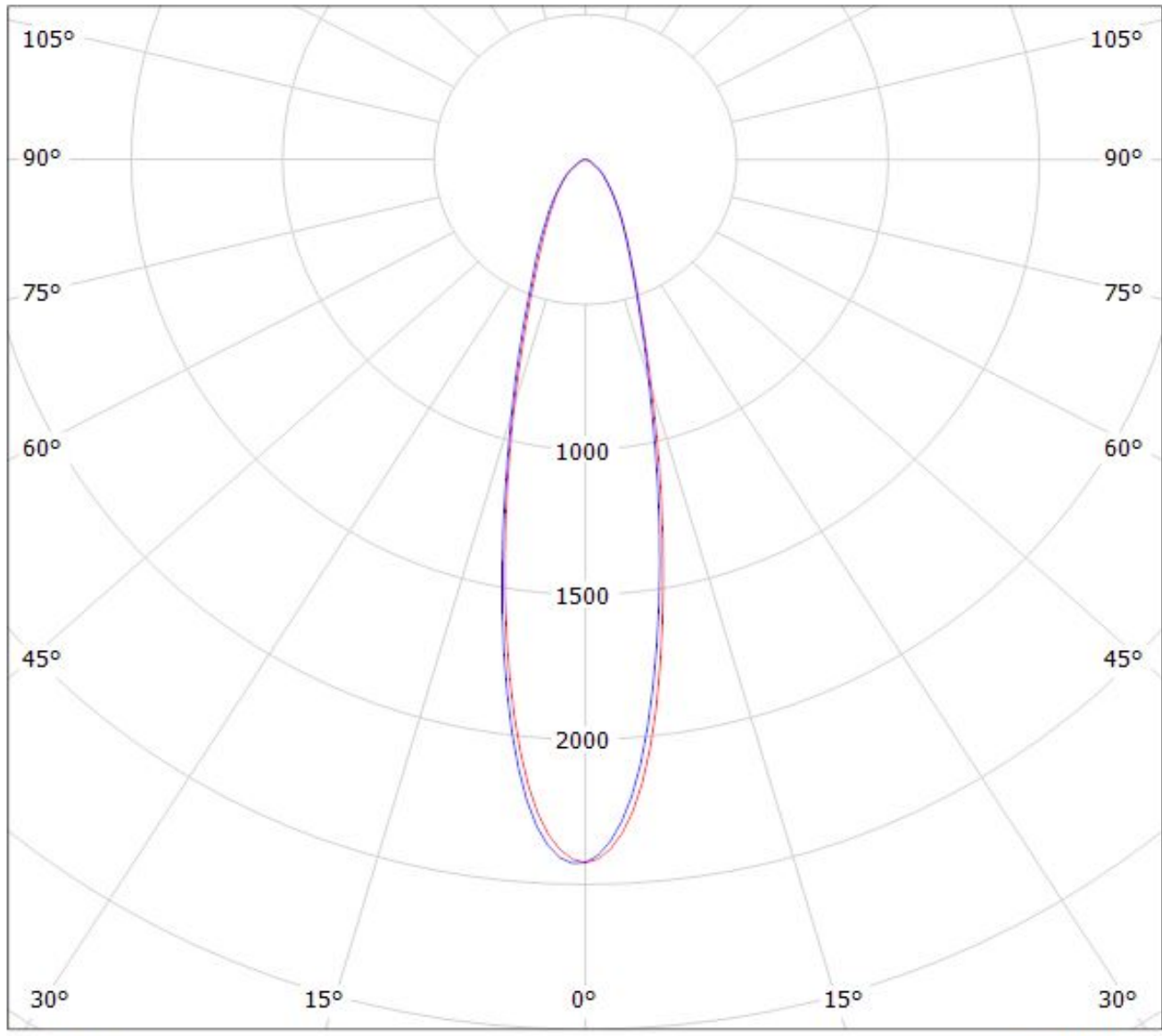
cd/klm

— C0 - C180

— C90 - C270

$\eta = 89\%$

Luminaire: Ledil Oy CN14236_WINNIE-S_(CXA1816) Efficiency=86%
Lamps: 1 x Cree CXA1816 1015lm @ 250mA CCT=3210K P=8.80W I=250mA



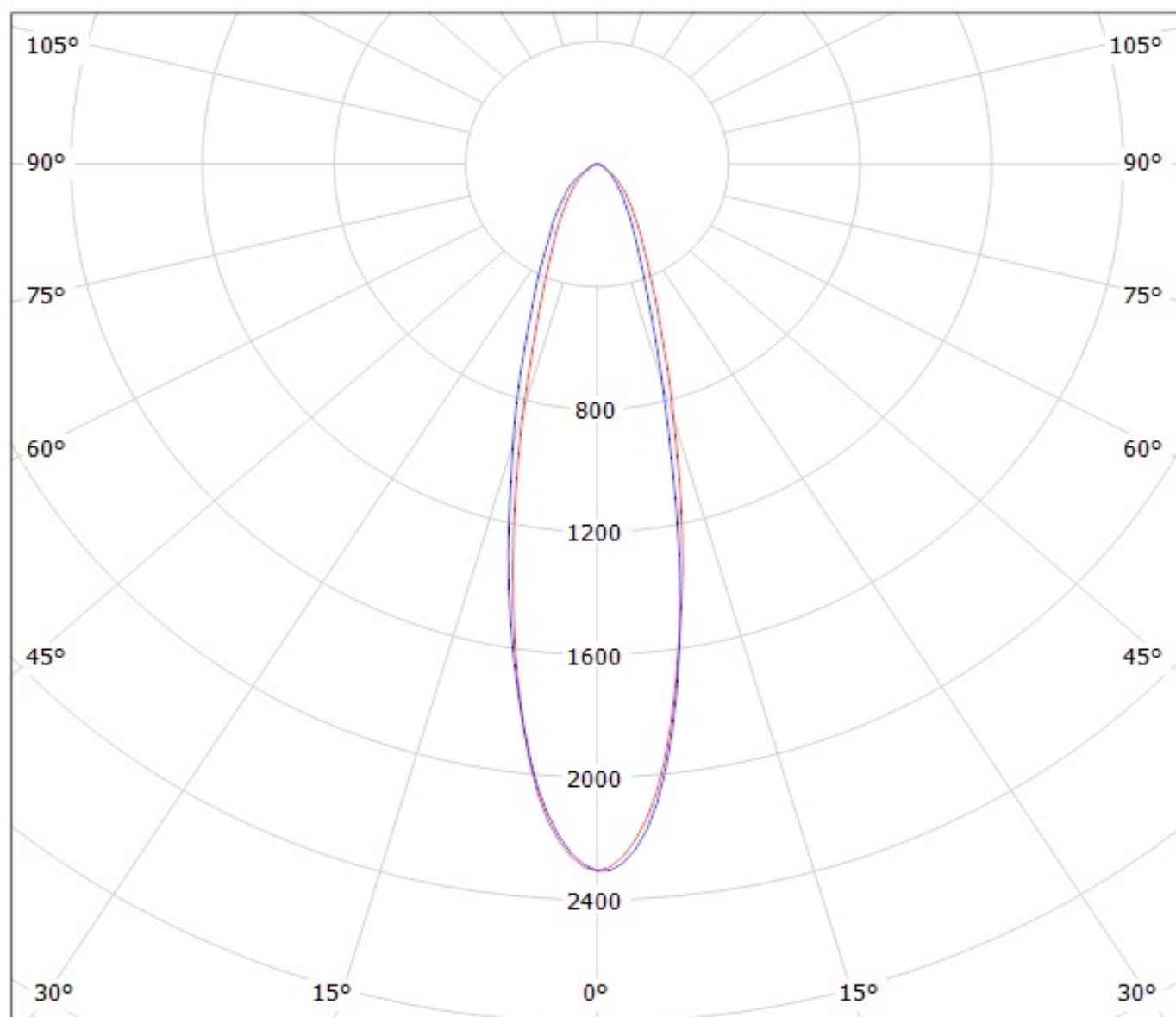
cd/klm

— C0 - C180 — C90 - C270

$\eta = 87\%$

Luminaire: LEDil Oy CN14236_WINNIE-S_(Soleriq_S13)

Lamps: 1 x Osram Soleriq S13 (GW KAGHB1.EM) 833.7lm @ 250mA CCT=3125K P=7.2W I=250mA



cd/klm

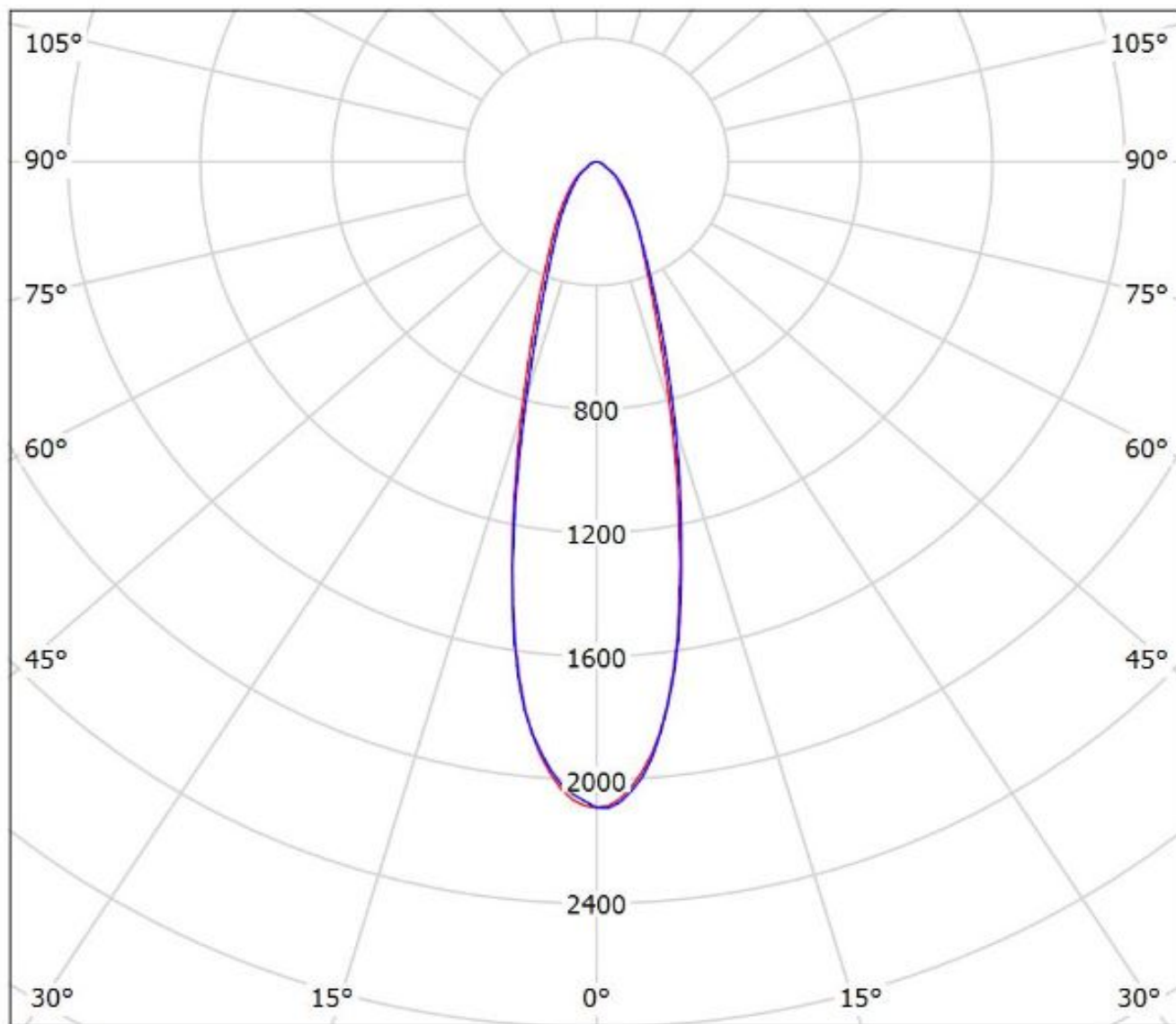
— C0 - C180

— C90 - C270

$\eta = 88\%$

Luminaire: LEDiL Oy CN14236_WINNIE-S_(SOLERIQ_P13)

Lamps: 1 x SOLERIQ_P13_(GW_MAGMB1.EM)_929.576lm@250mA_CCT=3500K_P=8.72876W_I=249.8mA



cd/klm

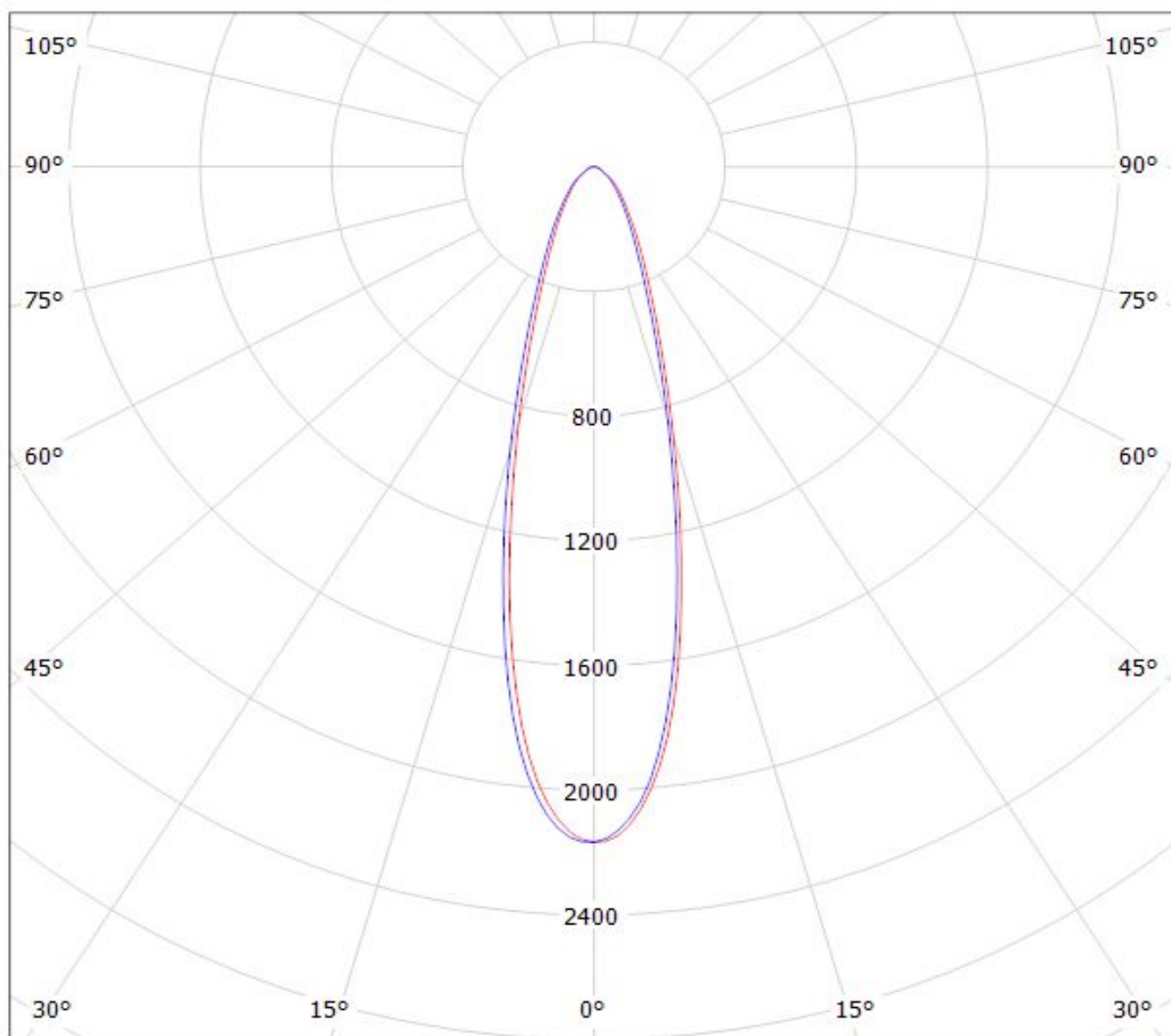
— C0 - C180

— C90 - C270

$\eta = 87\%$

Luminaire: LEDiL Oy CN14236_WINNIE-S_(ZC12)

Lamps: 1 x Seoul_ZC12_(SDW82F1C)_+_B+W_433_Typ_L5_1217.21lm@250mA_P=8.64733W_I=250mA



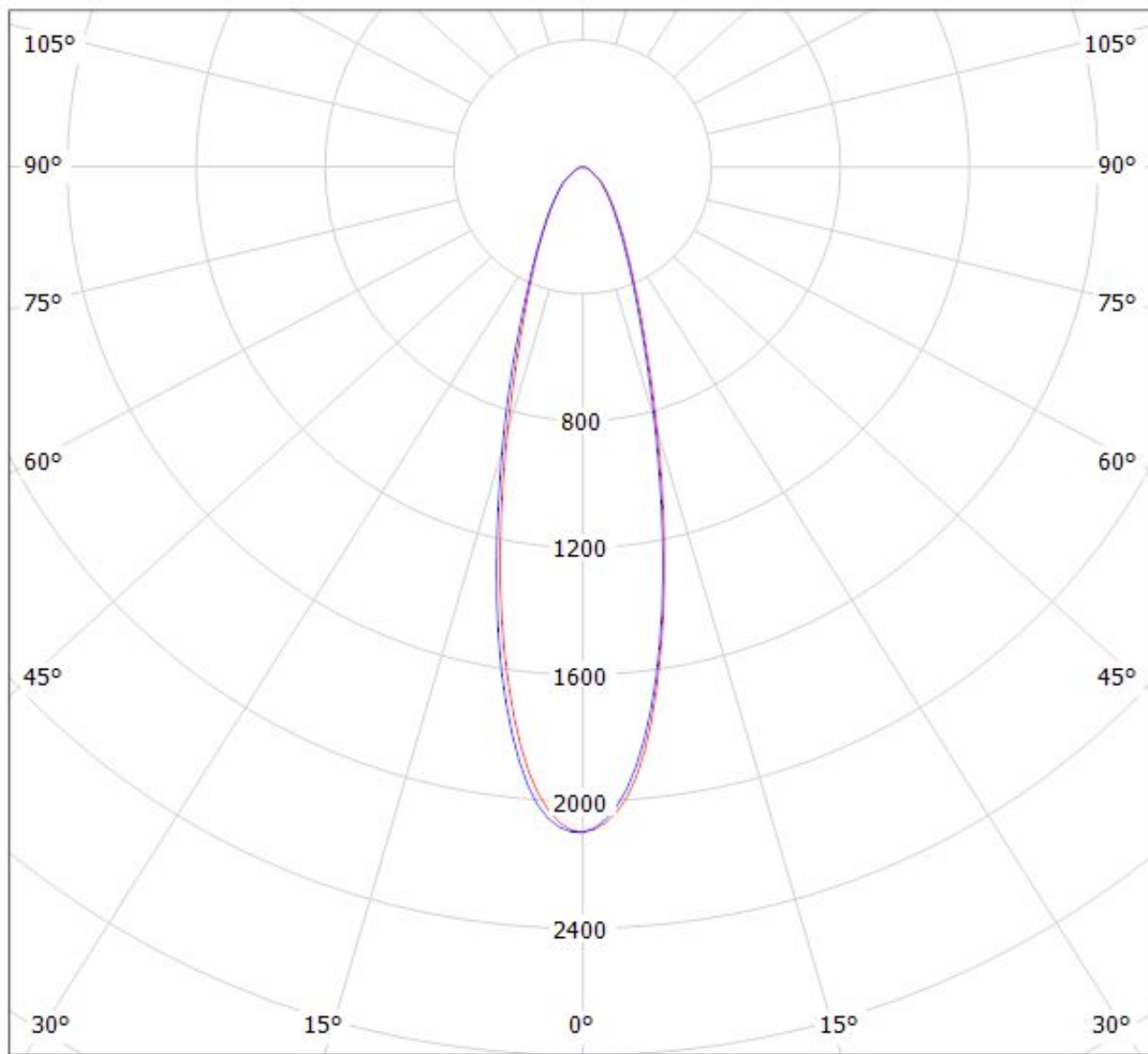
cd/klm

$\eta = 88\%$

— C0 - C180

— C90 - C270

Luminaire: Ledil Oy CN14236_WINNIE-S_(CLL030) Efficiency=87%
Lamps: 1 x Citizen CLL030 (CLL030-1206A1-303M1A2) 856lm @ 250mA CCT=3000K P=8.75W I=250mA



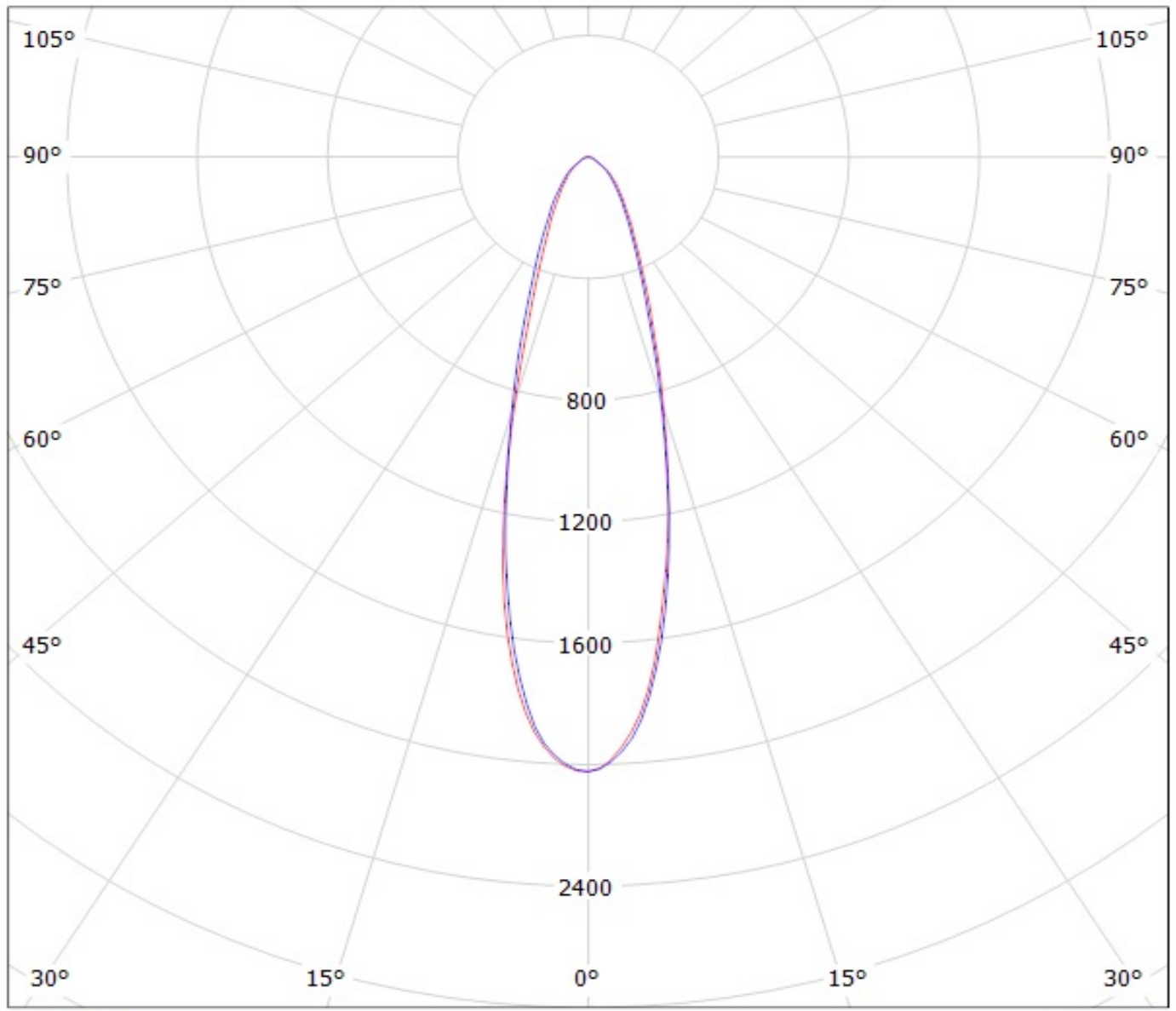
cd/klm

— C0 - C180 — C90 - C270

$\eta = 88\%$

Luminaire: LEDil Oy CN14236_WINNIE-S_(CXM-14)

Lamps: 1 x Luminus CXM-14 (1058.75lm @ 250mA) CCT=3100K P=8.3W I=250mA



cd/klm

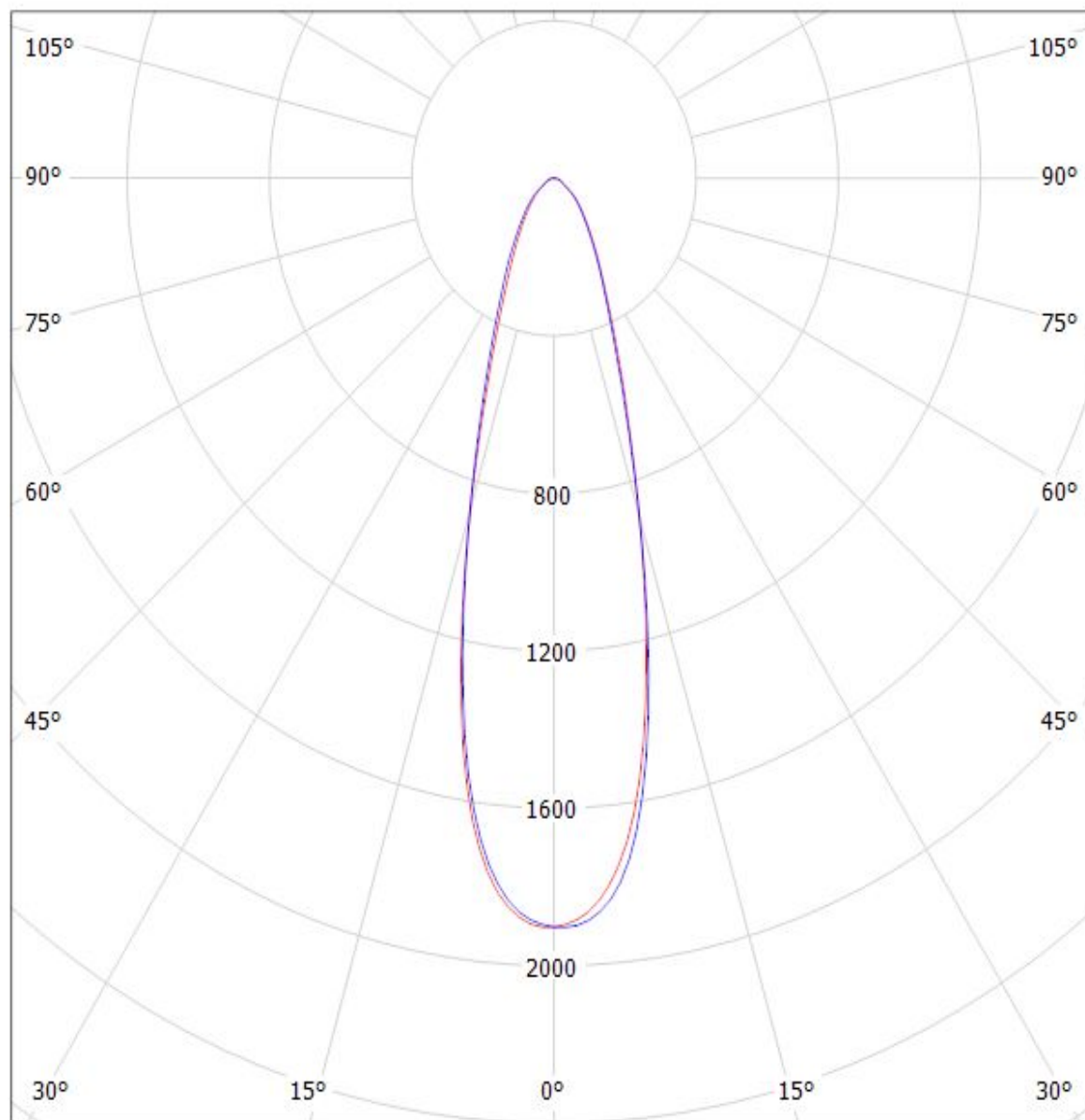
— C0 - C180

— C90 - C270

$\eta = 86\%$

Luminaire: LEDiL Oy CN14236_WINNIE-S_(CLU034)

Lamps: 1 x Citizen_CLU034_(CLL034-1205B8-303M1A2) +_B+W_433_Typ_L5_1154.06lm@250mA_P=8.45523W_I=250mA



cd/klm

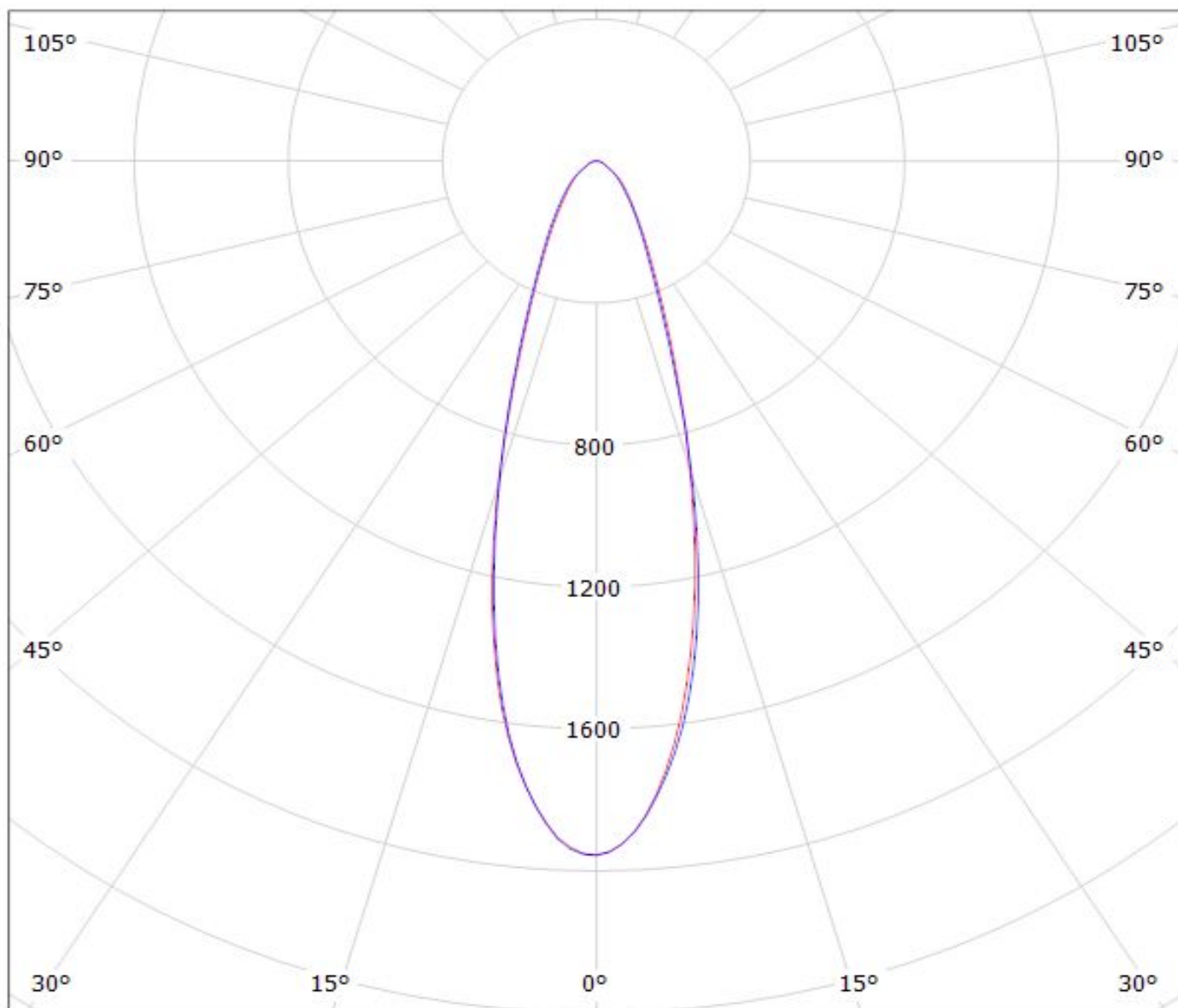
— C0 - C180

— C90 - C270

$\eta = 88\%$

Luminaire: LEDiL Oy CN14236_WINNIE-S_(DMC128)

Lamps: 1 x DMC128+433_TYP_L5_825.549lm@250mA_P=8.28162W_I=250mA



cd/klm

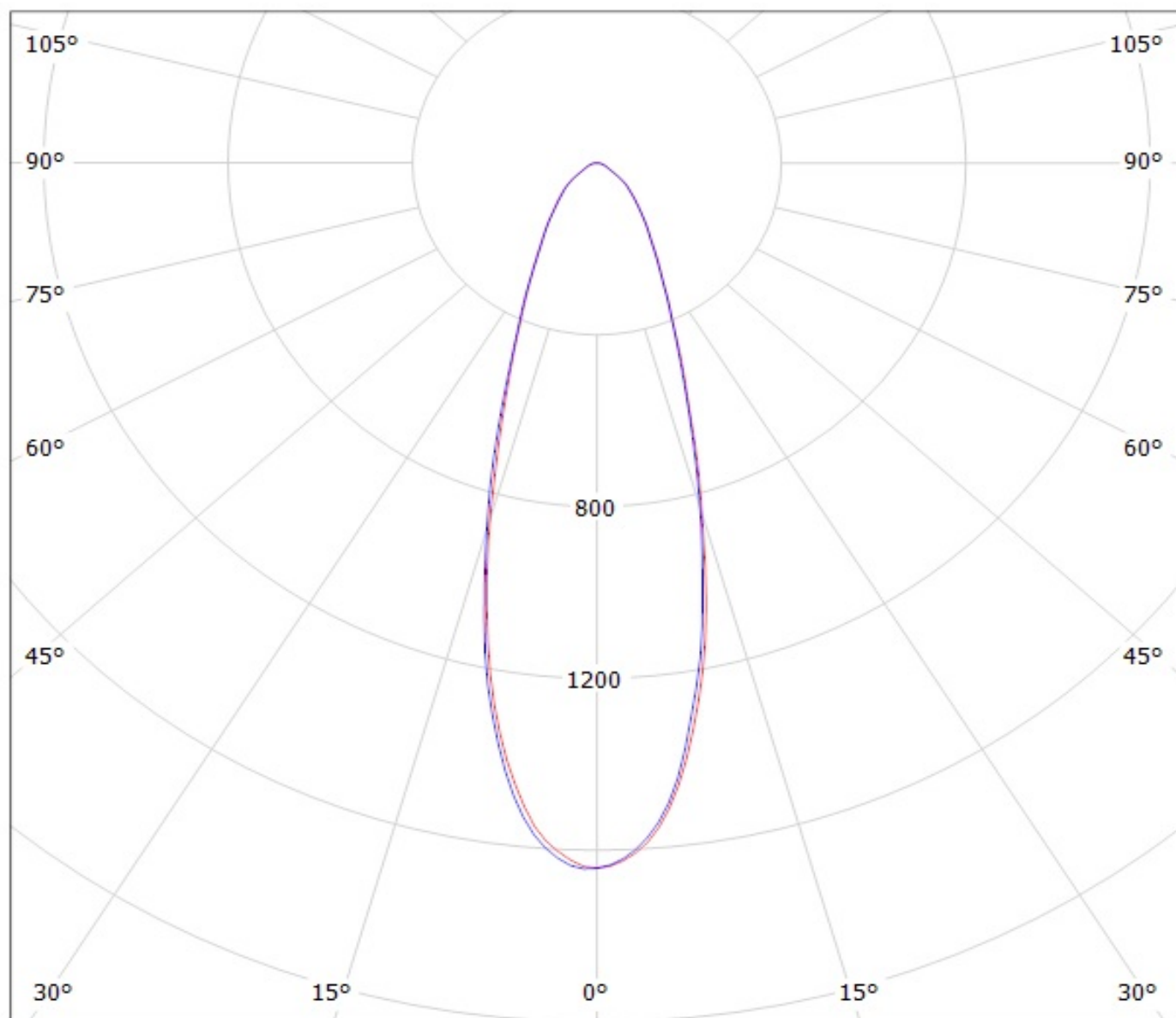
— C0 - C180

— C90 - C270

$\eta = 88\%$

Luminaire: LEDil Oy CN14236_WINNIE-S_(Soleriq_S19)

Lamps: 1 x Osram Soleriq S19 (GW KAHJB1.EM) 1345.37lm @ 250mA CCT=2904K P=10.5W I=250mA



cd/klm

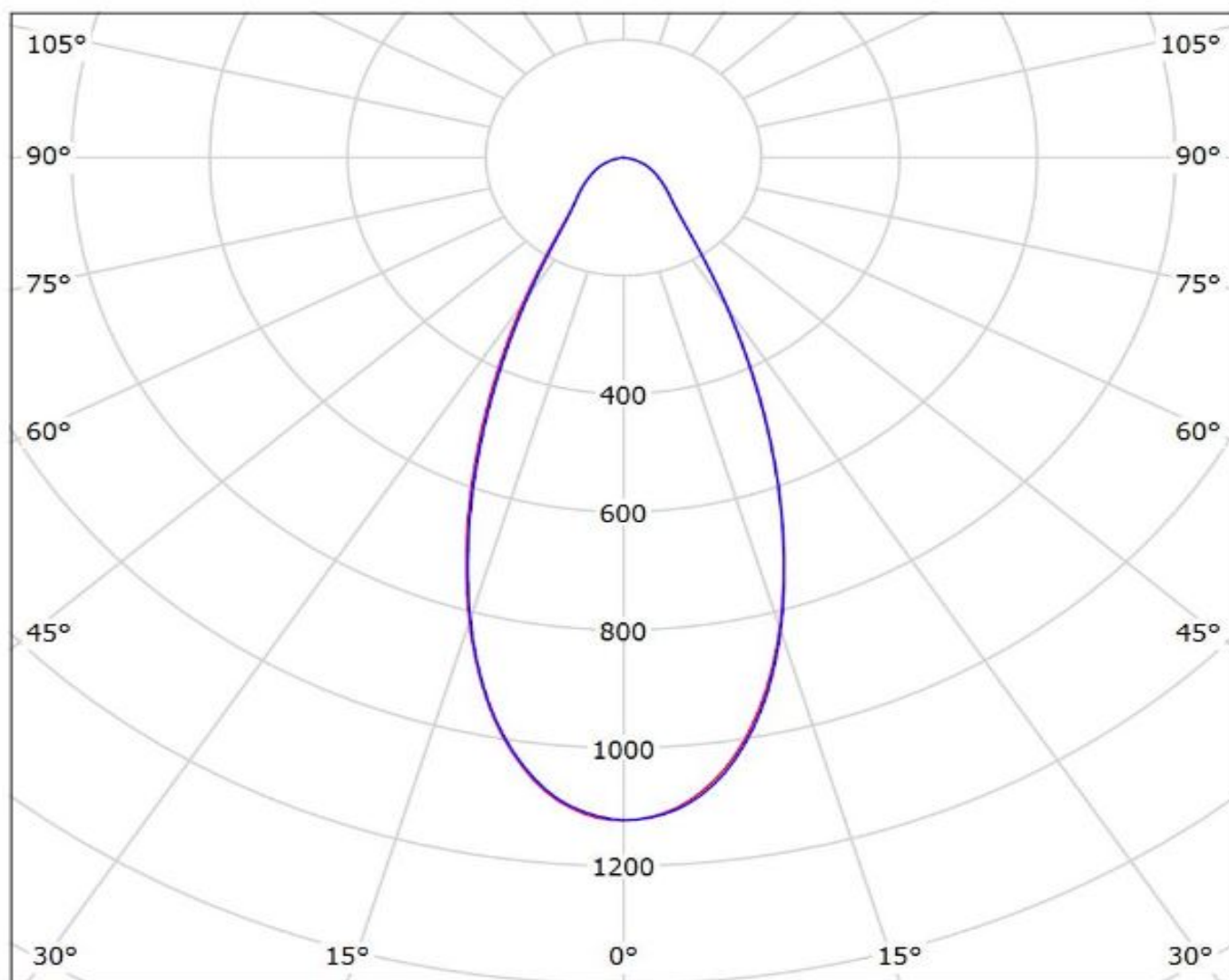
— C0 - C180

— C90 - C270

$\eta = 88\%$

Ledil CN13990_SAGA-HB-IP-WHT_(CLU710)_(470_Typ_L5) / LDC (Polar)

Luminaire: Ledil CN13990_SAGA-HB-IP-WHT_(CLU710)_(470_Typ_L5)
Lamps: 1 x Citizen_CLU710_(CLU710-1204B8-273M2G1)_(470_Typ_L5)
_1134.69lm@250mA_CCT=2700K_P=8.5W_I=0.25A



cd/klm

— C0 - C180 — C90 - C270

$\eta = 87\%$

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.