

DETAILS

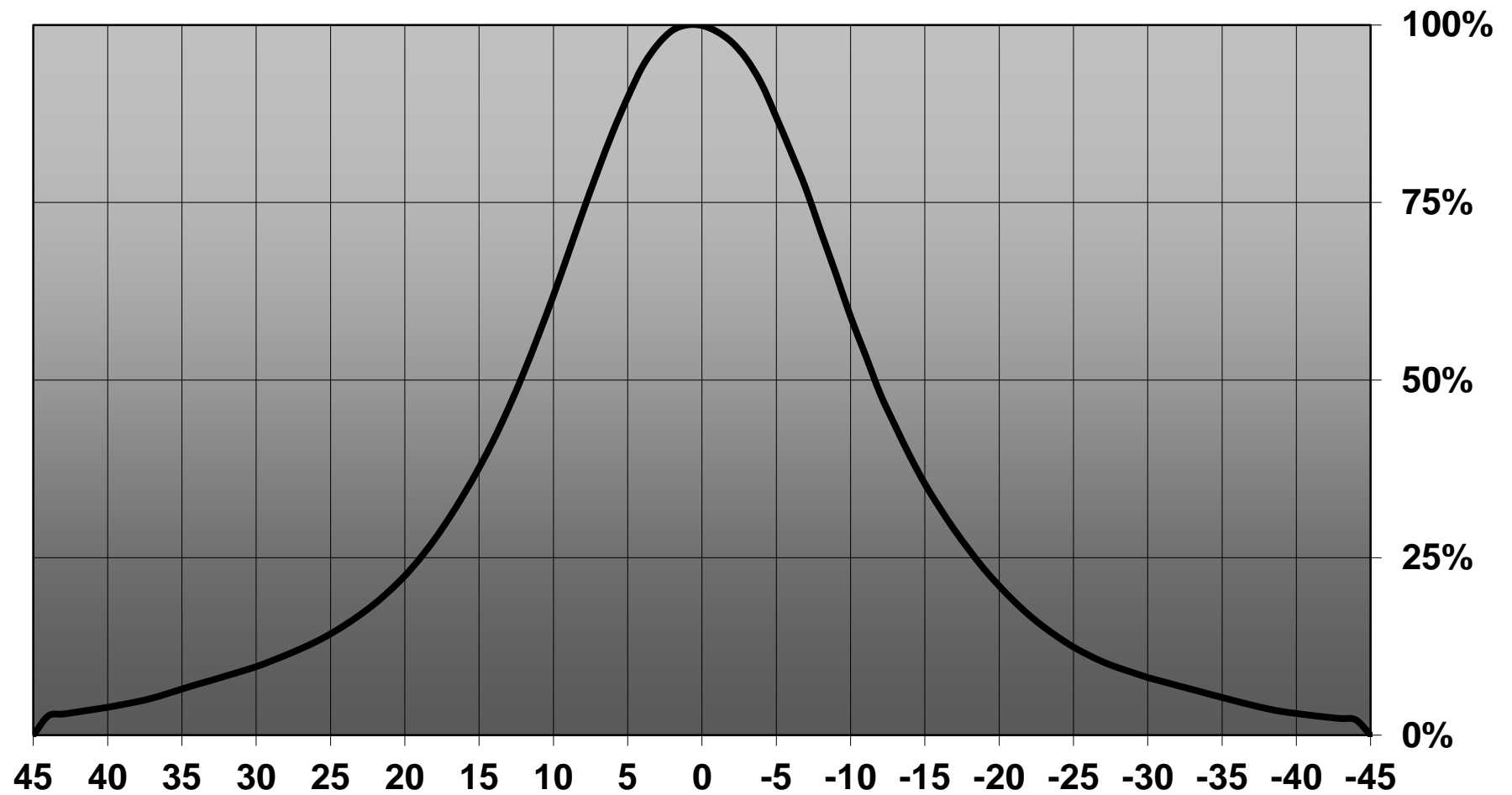
Product Number	CN14237_WINNIE-M
Family	Winnie
Type	Assembly
Color	white
Diameter	49,8 mm
Height	19,3 mm
Style	round
Optic Material	PMMA
Holder Material	PC
Fastening	screw
Status	production ready
ROHS Compliant	Yes
Date Updated	18/03/2015



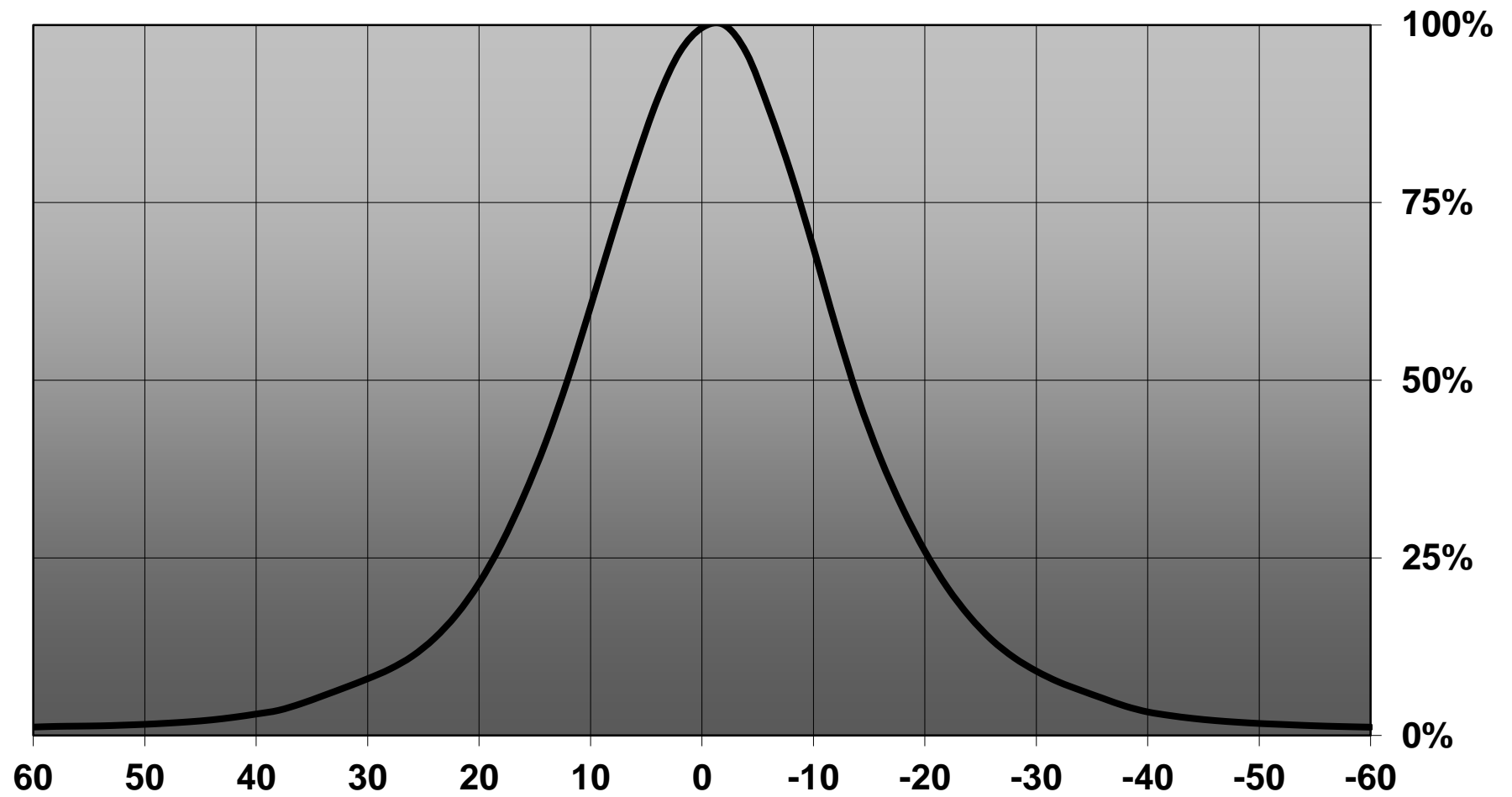
OPTICAL PROPERTIES

LED	Viewing Angle	Light Beam	Efficiency	cd/lm	Connector
CXM-14	sim: 49	Medium	sim: 86 %	sim: 0.930	Bender Wirth: 433 Typ L5
CXM-9	sim: 35	Medium	sim: 86 %	sim: 1.600	Bender Wirth: 434 Typ L5
ZC4/6	sim: 35	Medium	sim: 86 %	sim: 1.600	Bender Wirth: 434 Typ L5
LUXEON CoB 105/107/109	sim: 27	Medium	sim: 86 %	sim: 2.500	-
Soleriq S9	sim: 32	Medium	sim: 90 %	sim: 1.900	-
LC010C	sim: 27	Medium	sim: 92 %	sim: 3.000	Bender Wirth: 479 Typ L5
LC020C	sim: 32	Medium	sim: 90 %	sim: 2.100	Bender Wirth: 479 Typ L5
LC040C	sim: 40	Medium	sim: 89 %	sim: 1.400	Bender Wirth: 479 Typ L5
Duris S10	24 deg	Medium	88 %	3.100	-
CXA/B 13xx	26 deg	Medium	87 %	2.800	-
SLE G5 LES6	26 deg	Medium	86 %	2.800	-
CLL01x	27 deg	Medium	85 %	2.400	-
LUXEON CoB 1202s	27 deg	Medium	86 %	2.500	-
V6	27 deg	Medium	86 %	2.400	-
CLU700	27 deg	Medium	89 %	2.600	-
Soleriq P6	28 deg	Medium	86 %	2.300	-
CLU700	28 deg	Medium	87 %	2.400	Bender Wirth: 434 Typ L5
MHD-E/G	30 deg	Medium	87 %	1.900	-
CXA/B 15xx	31 deg	Medium	86 %	2.100	-
V8	31 deg	Medium	85 %	1.800	-
CLU710	32 deg	Medium	86 %	1.700	-
CLU710	33 deg	Medium	87 %	1.800	Bender Wirth: 470 Typ L5
LUXEON CoB 1202/1203	34 deg	Medium	86 %	1.700	-
Soleriq P9	34 deg	Medium	86 %	1.700	-
CLL02x/CLU02x (LES10)	35 deg	Medium	87 %	2.300	-

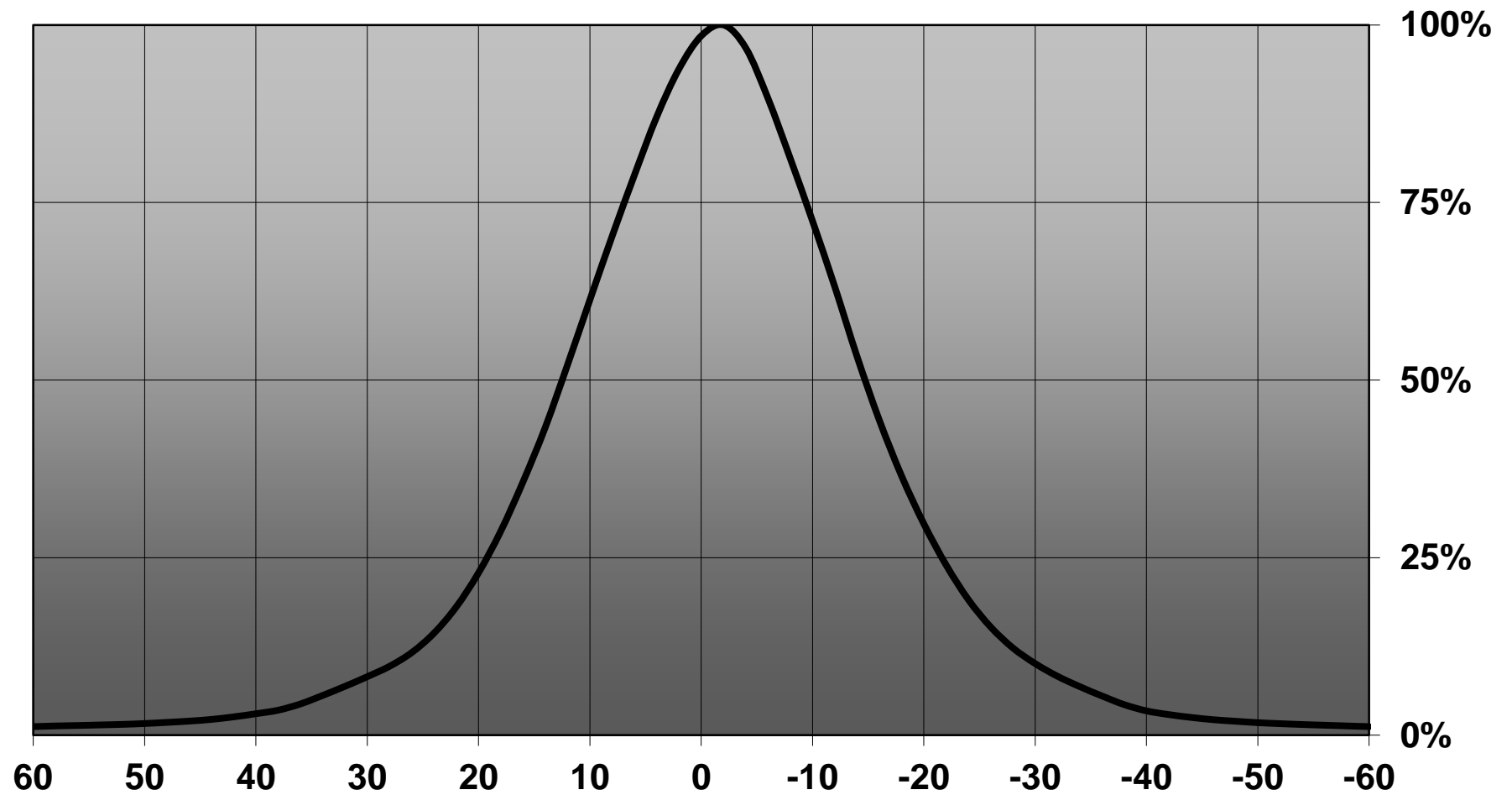
Relative intensity of CN14237_WINNIE-M_(Duris_S10)



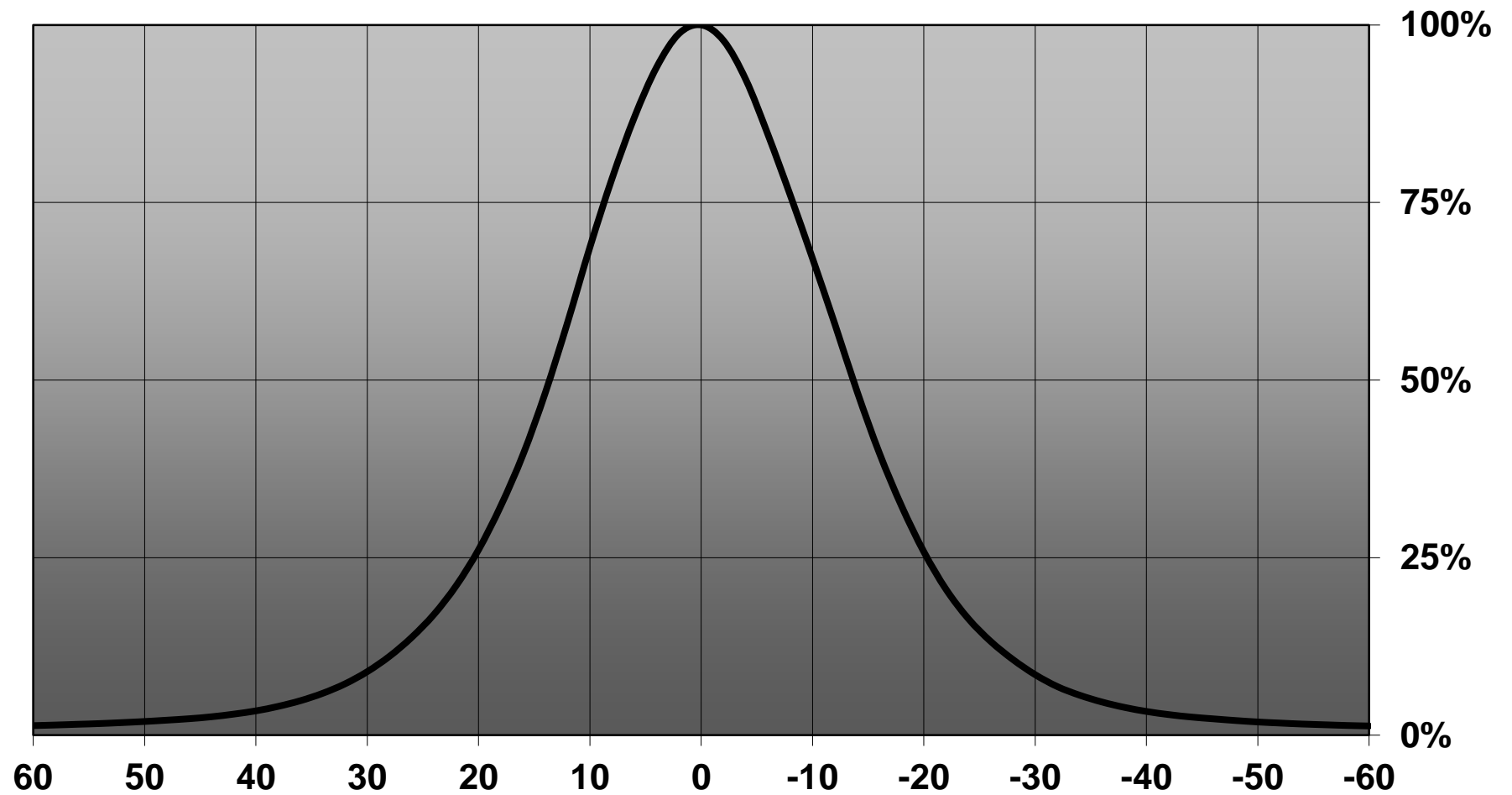
Relative intensity of CN14237_WINNIE-M_(CXA1304)



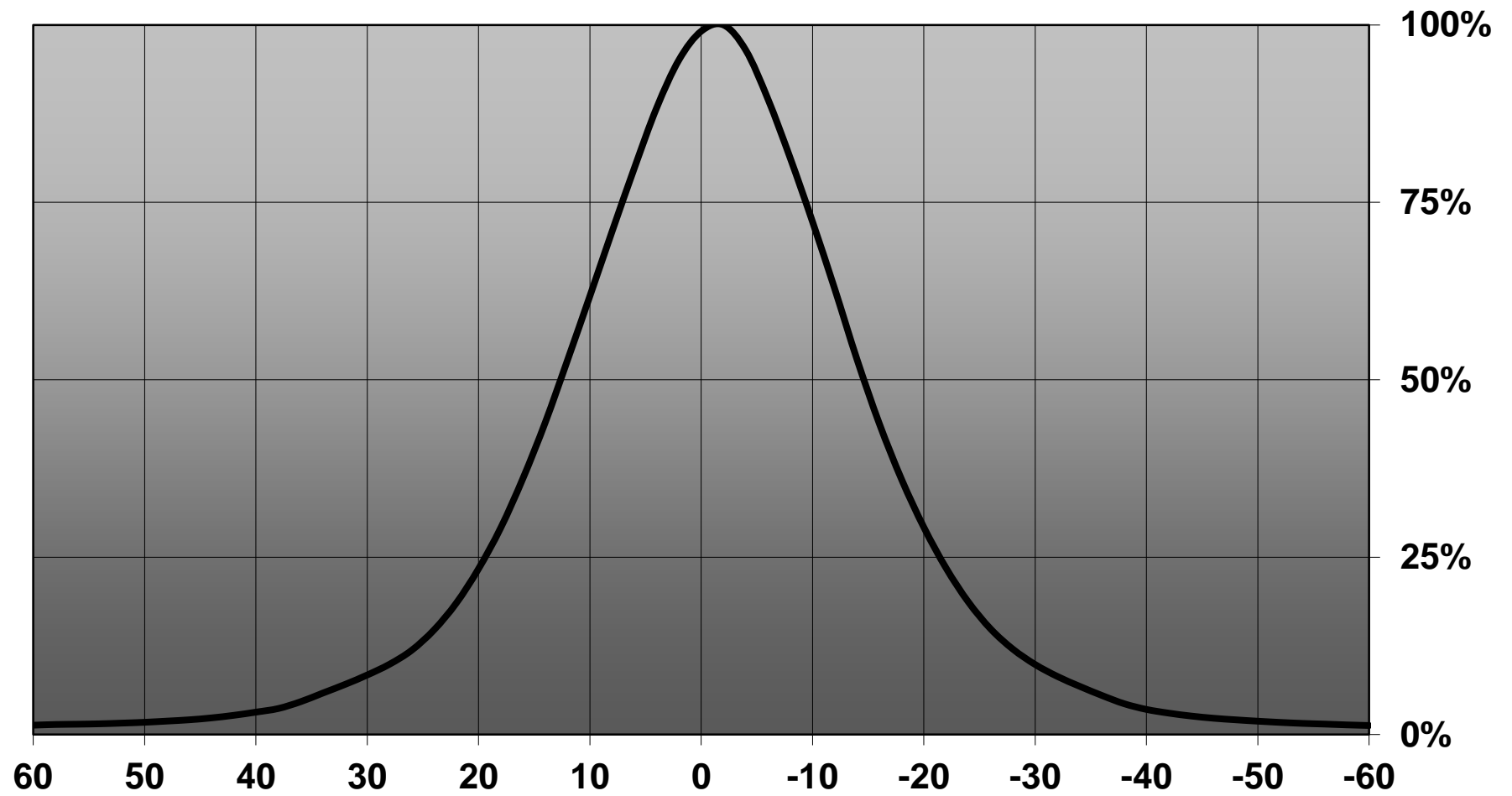
Relative intensity of CN14237_WINNIE-M_(CLL010)



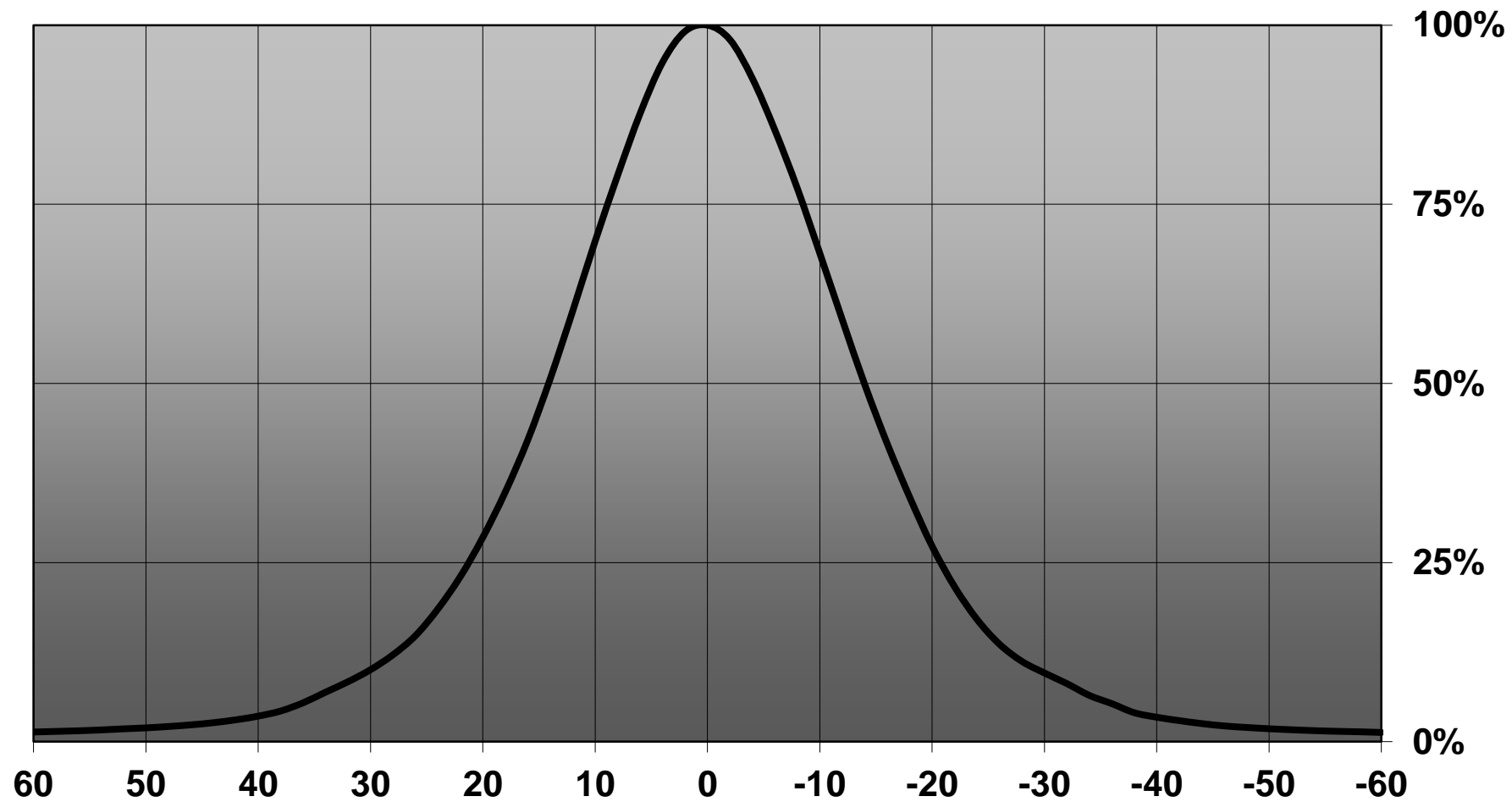
Relative intensity of CN14237_WINNIE-M_(CoB_1202s)



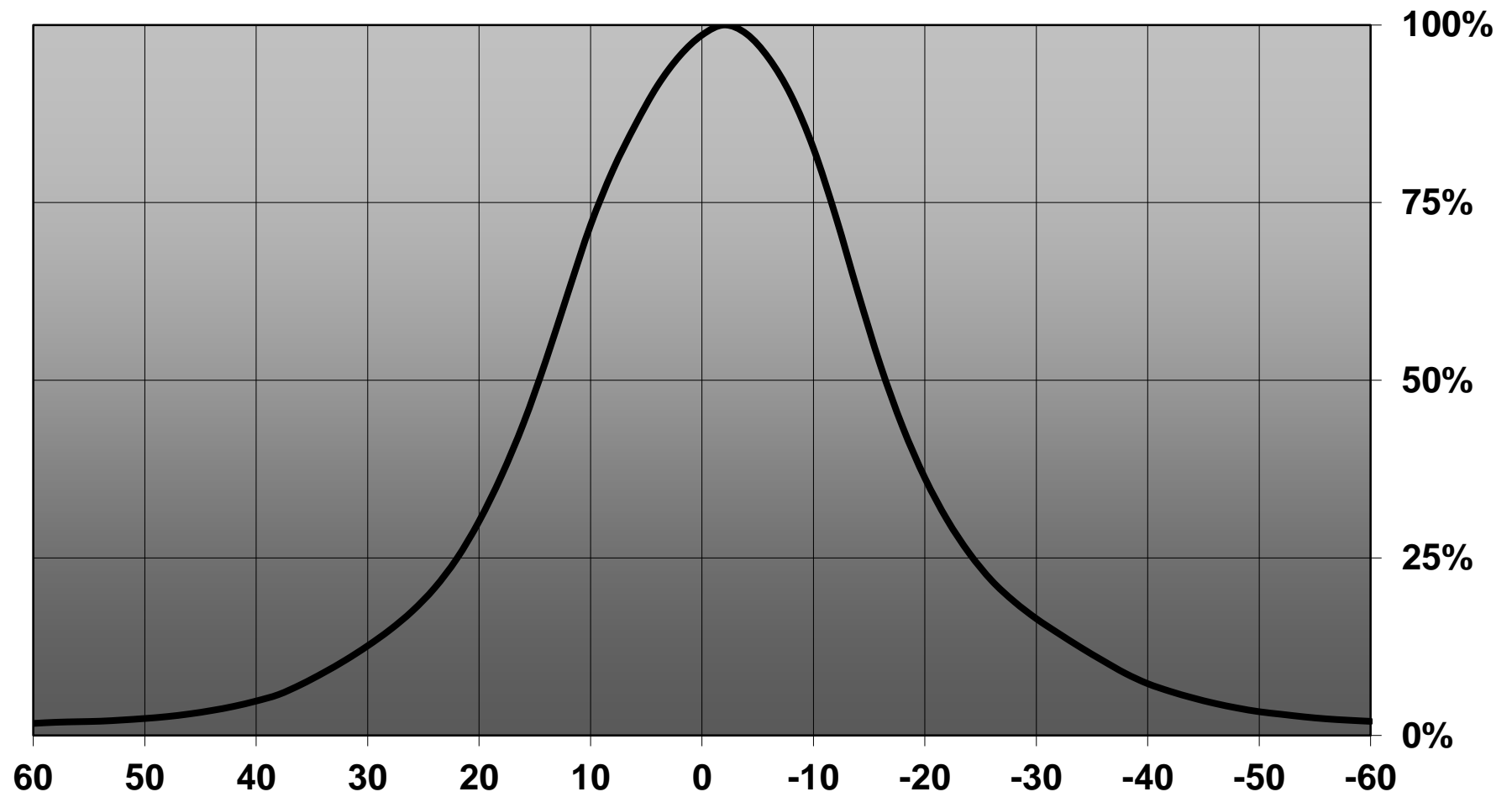
Relative intensity of CN14237_WINNIE-M_(V6)



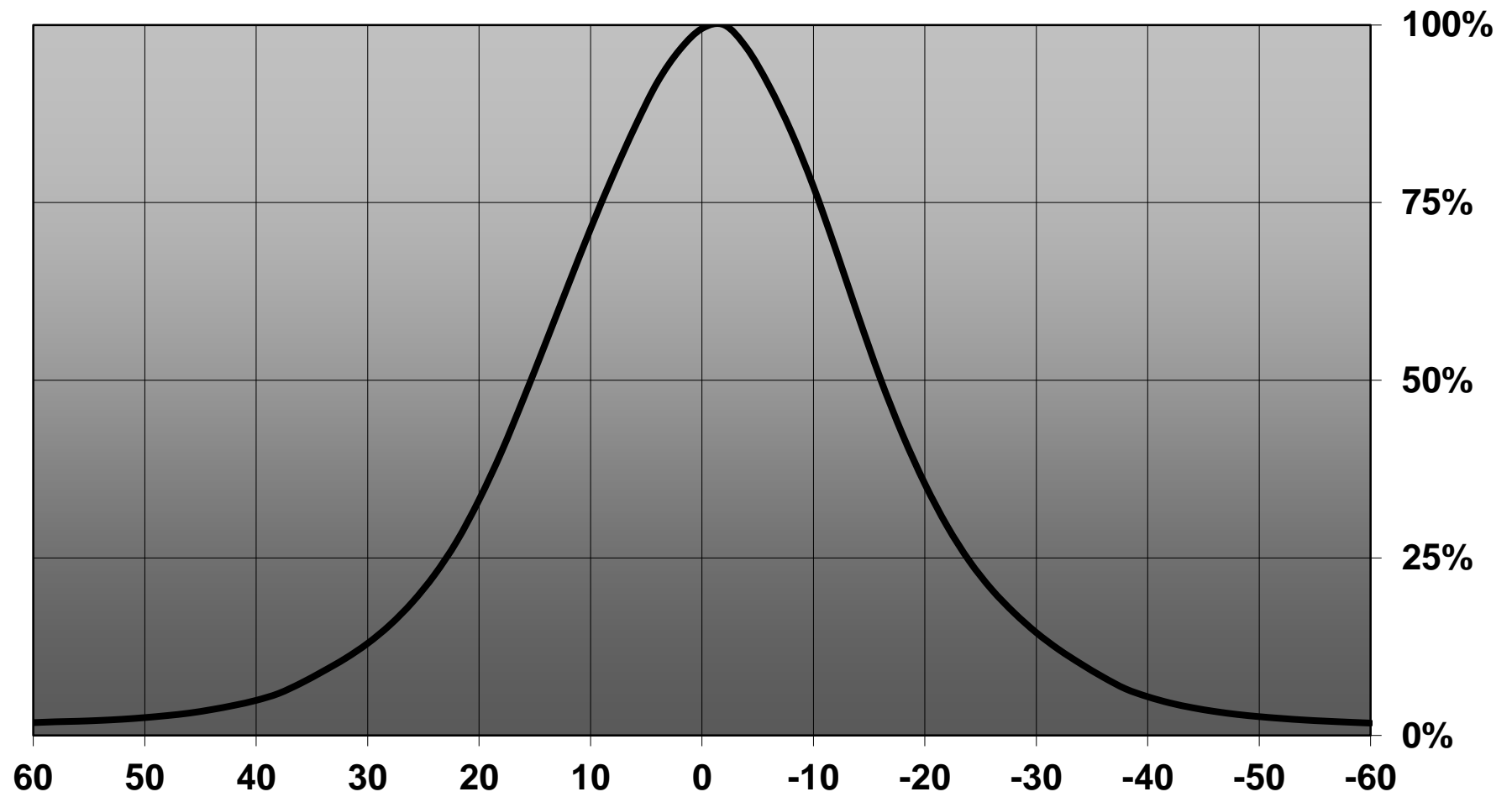
Relative intensity of CN14237_WINNIE-M_(Soleriq_P6)



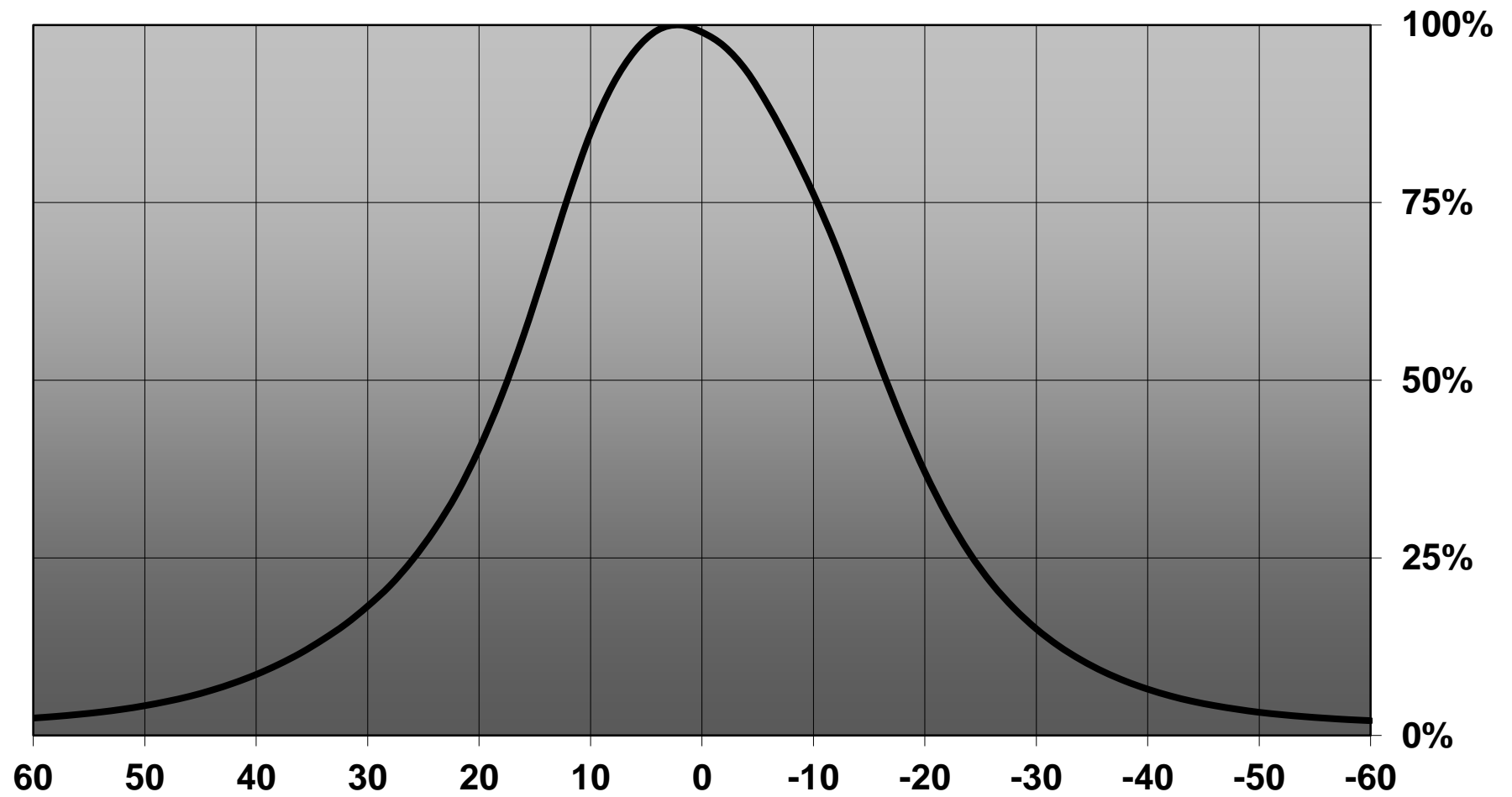
Relative intensity of CN14237_WINNIE-M_(CXA1520)



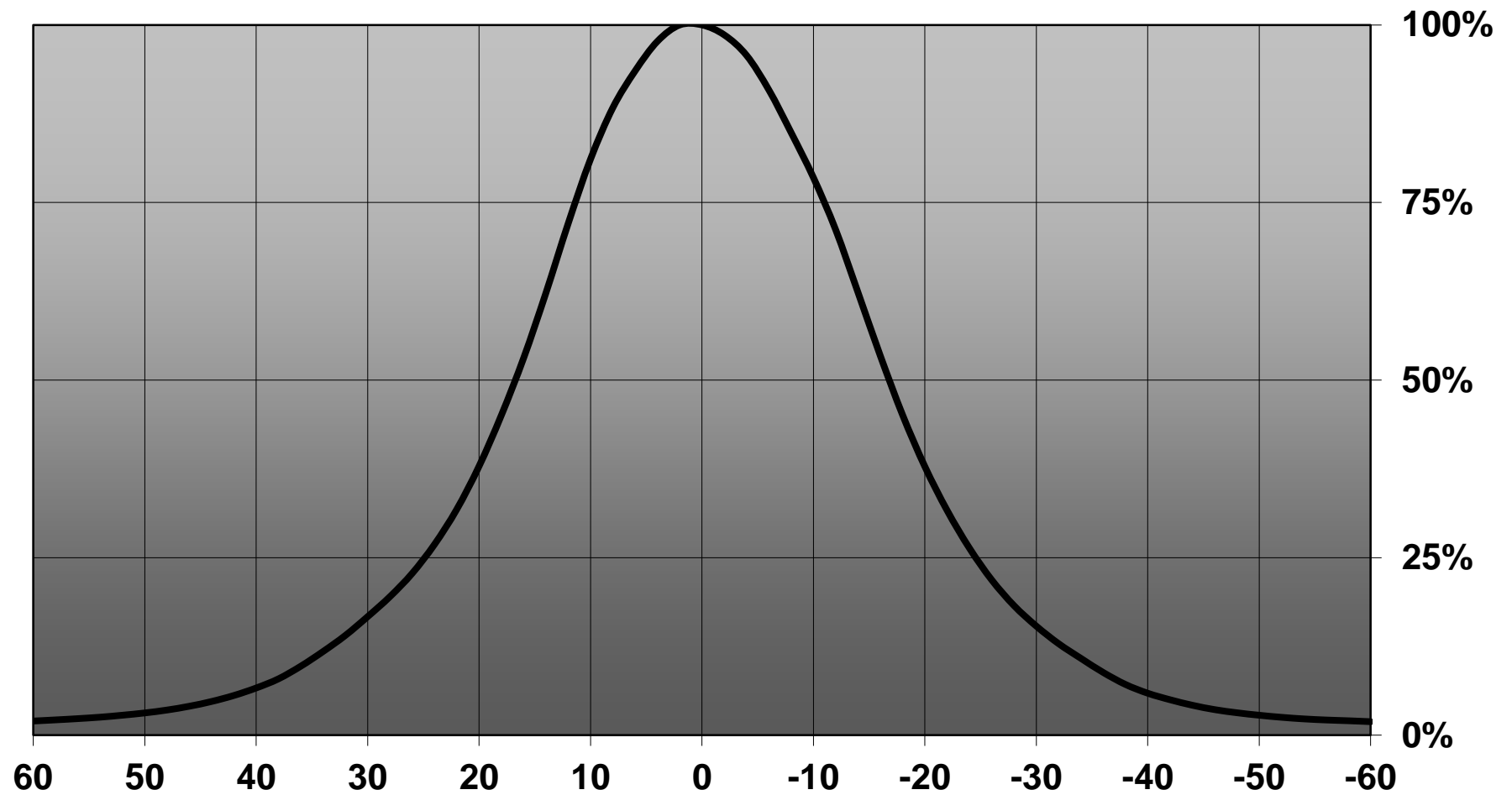
Relative intensity of CN14237_WINNIE-M_(V8)



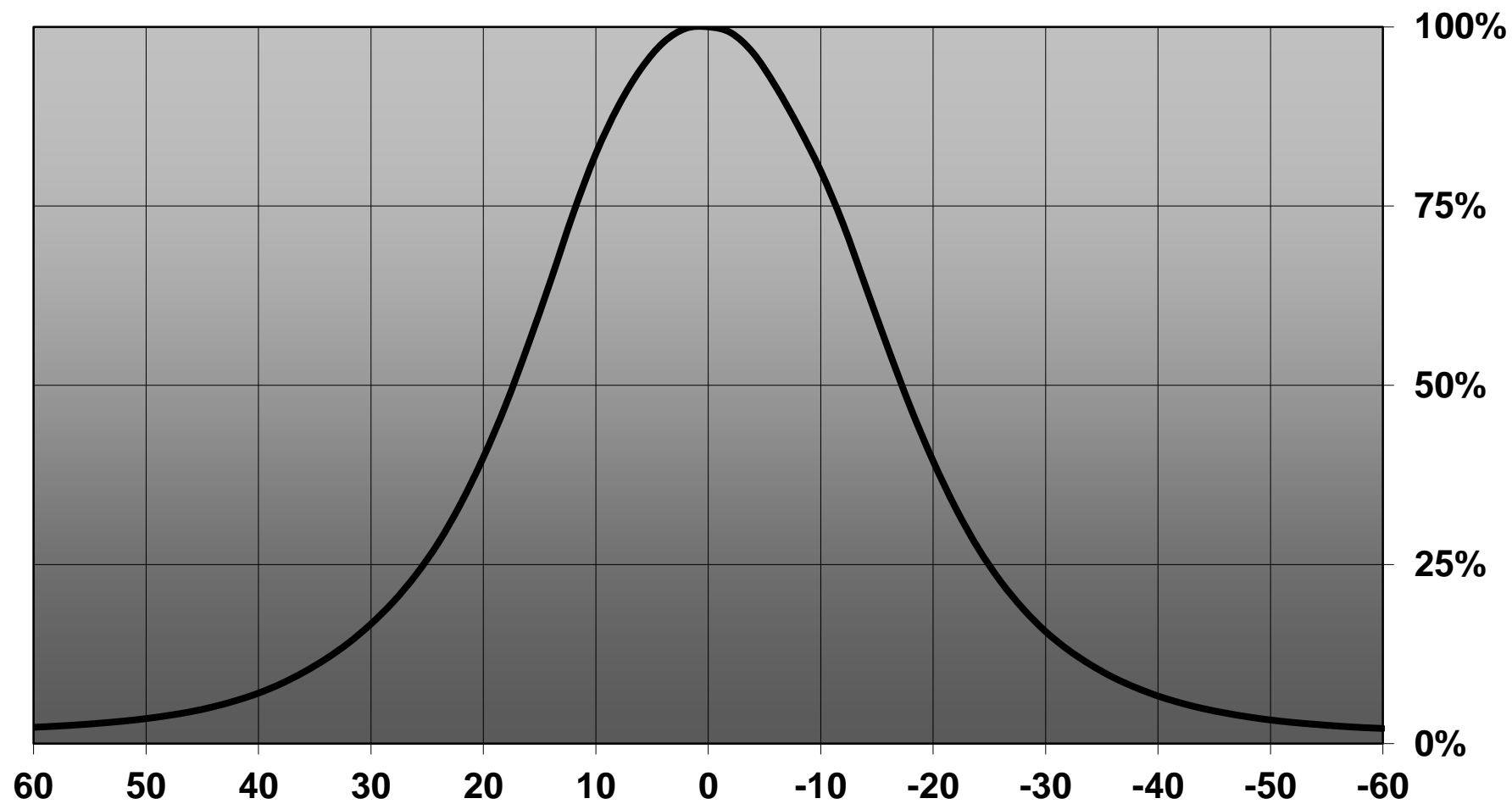
Relative intensity of CN14237_WINNIE-M_(COB_1203)



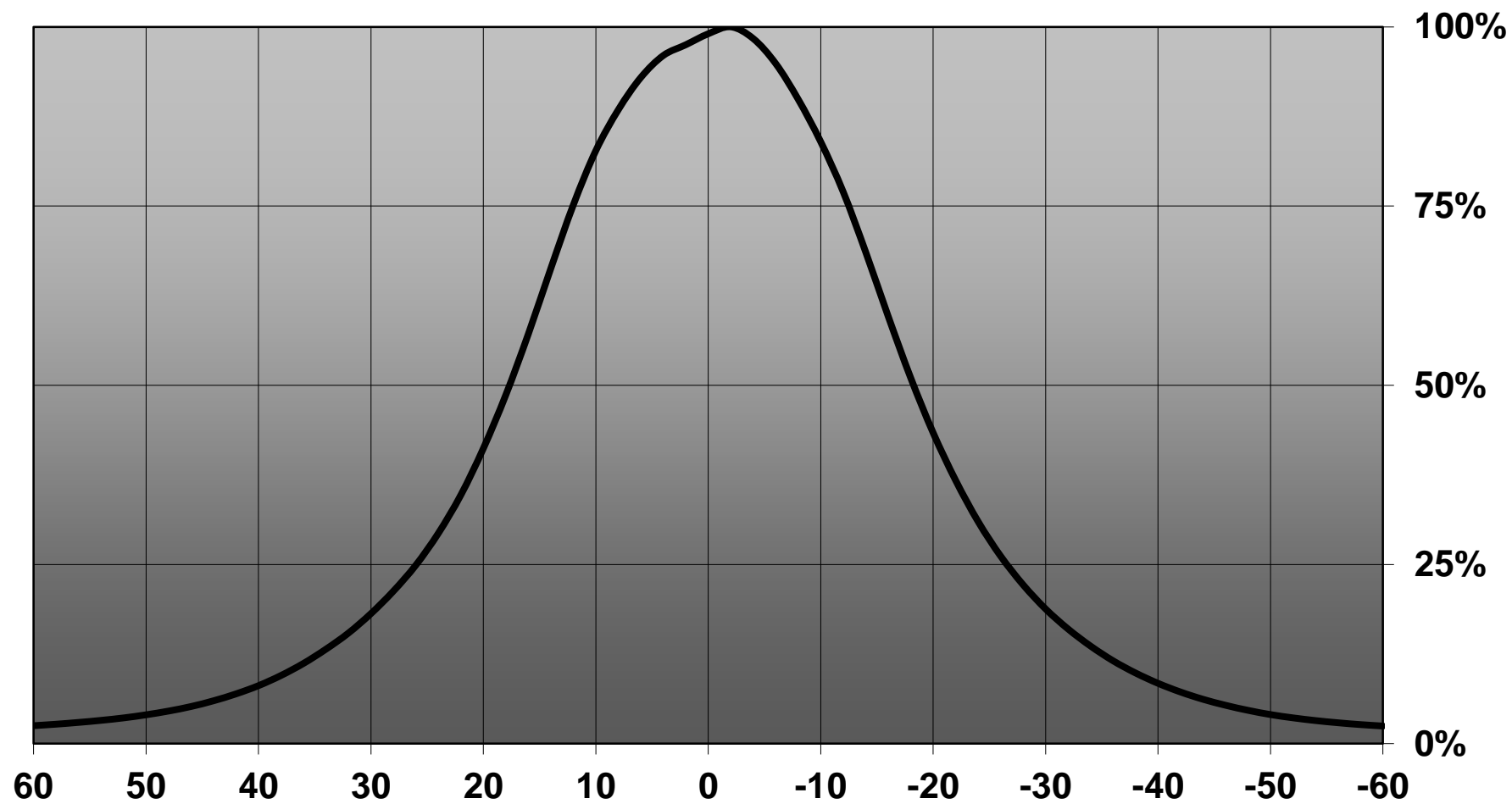
Relative intensity of CN14237_WINNIE-M_(Soleriq_P9)



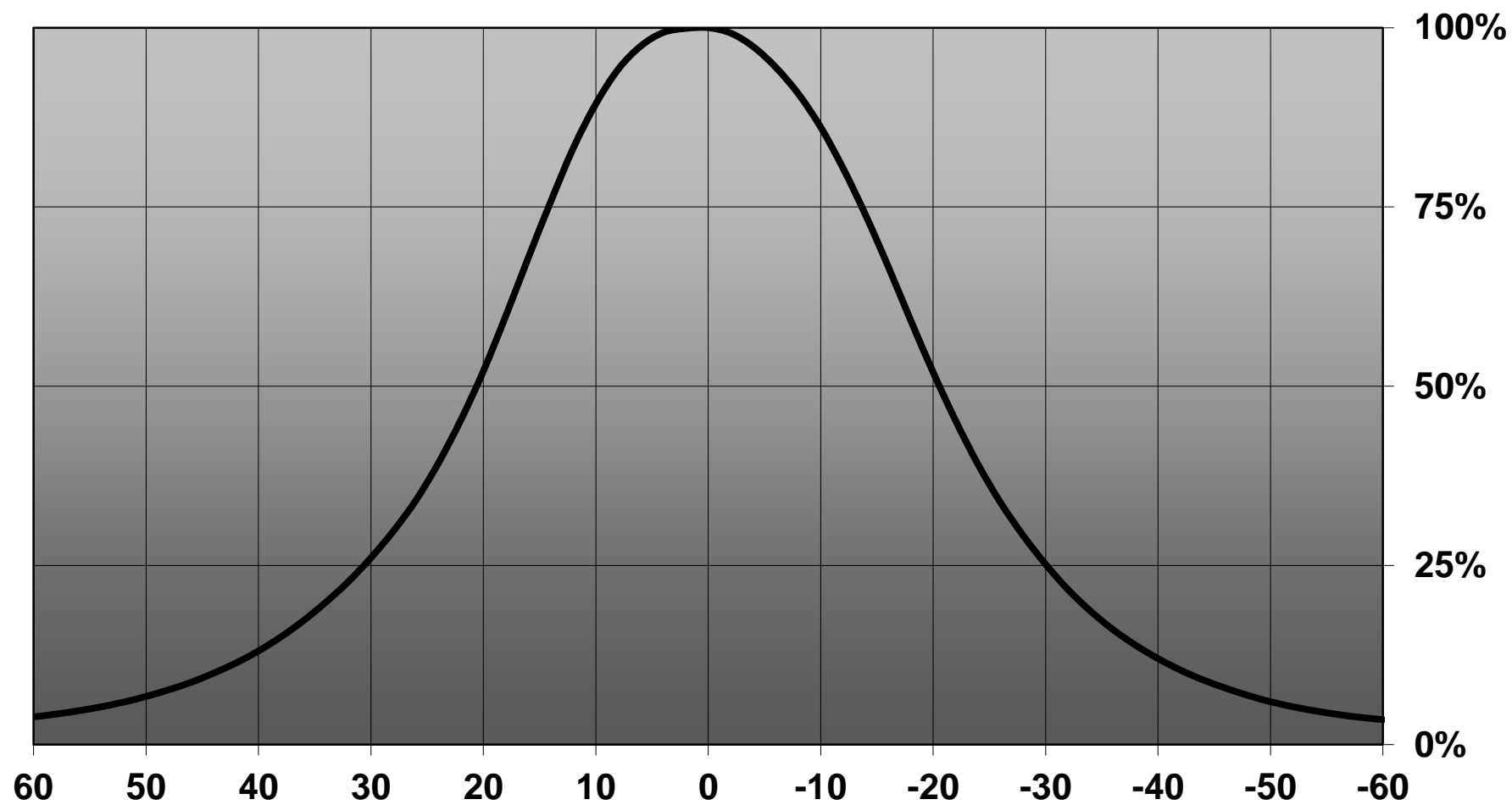
Relative intensity of CN14237_WINNIE-M_(CLL020)



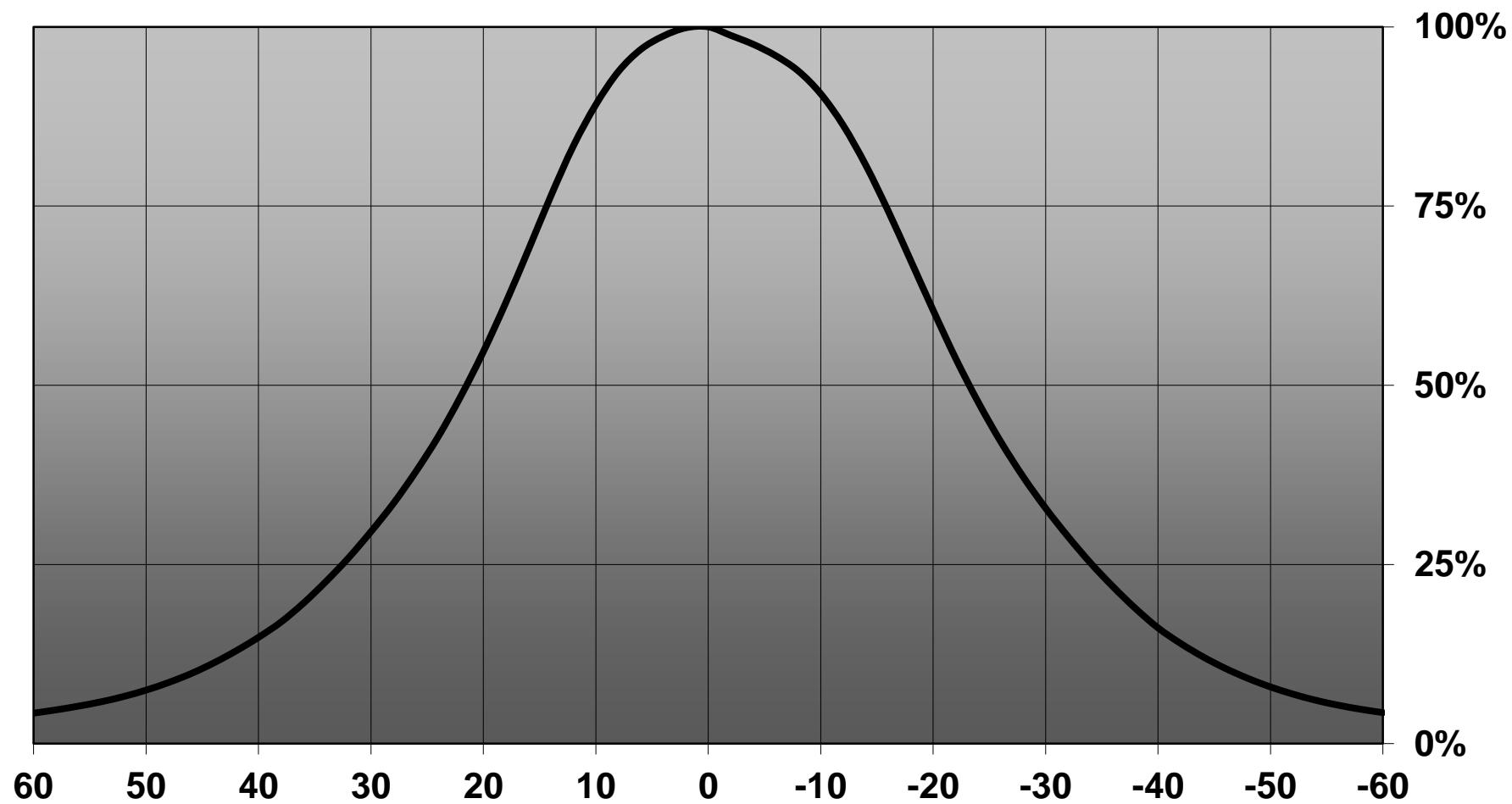
Relative intensity of CN14237_WINNIE-M_(CXM-9)



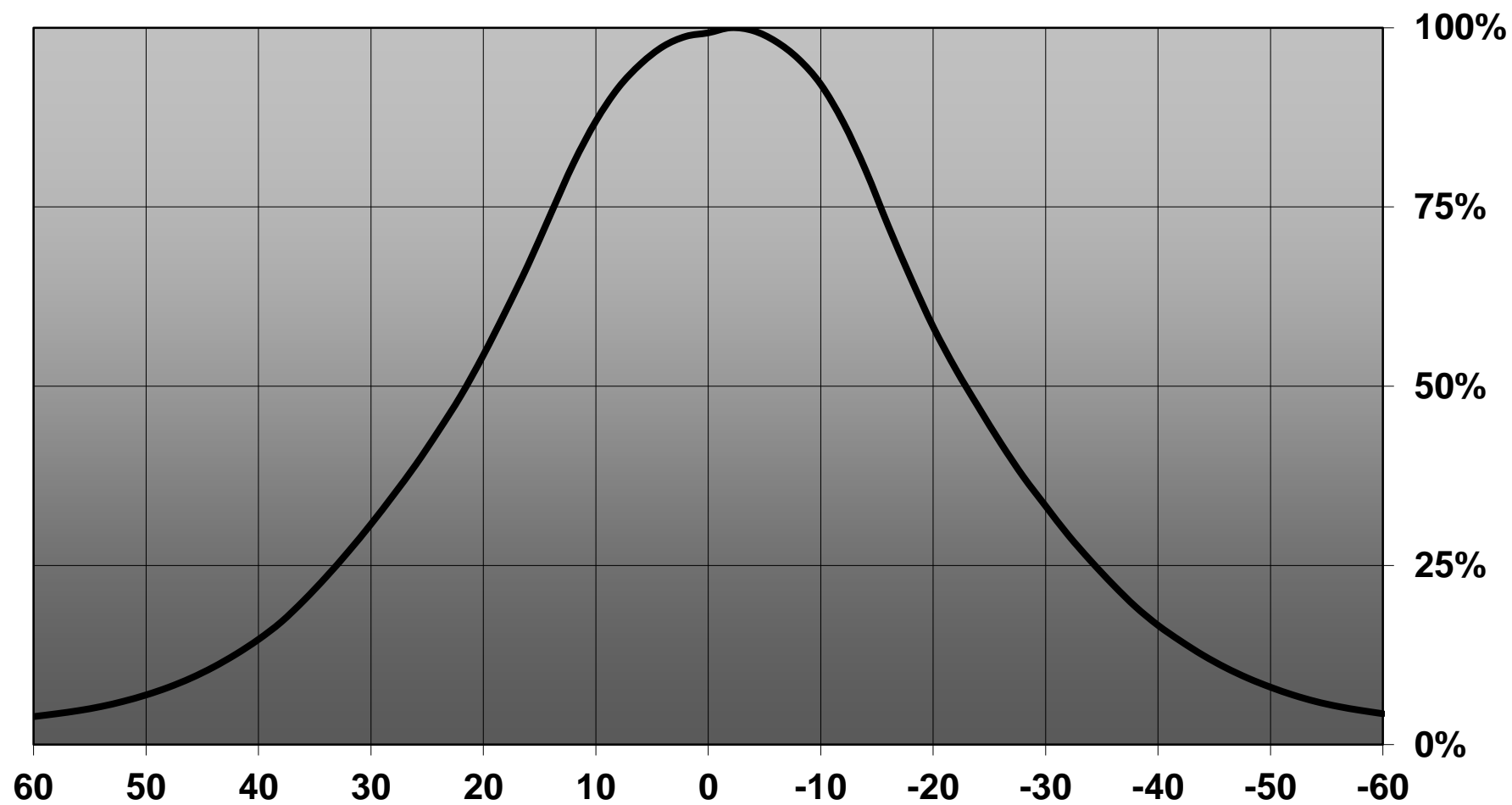
Relative intensity of CN14237_WINNIE-M_(Soleriq_S13)



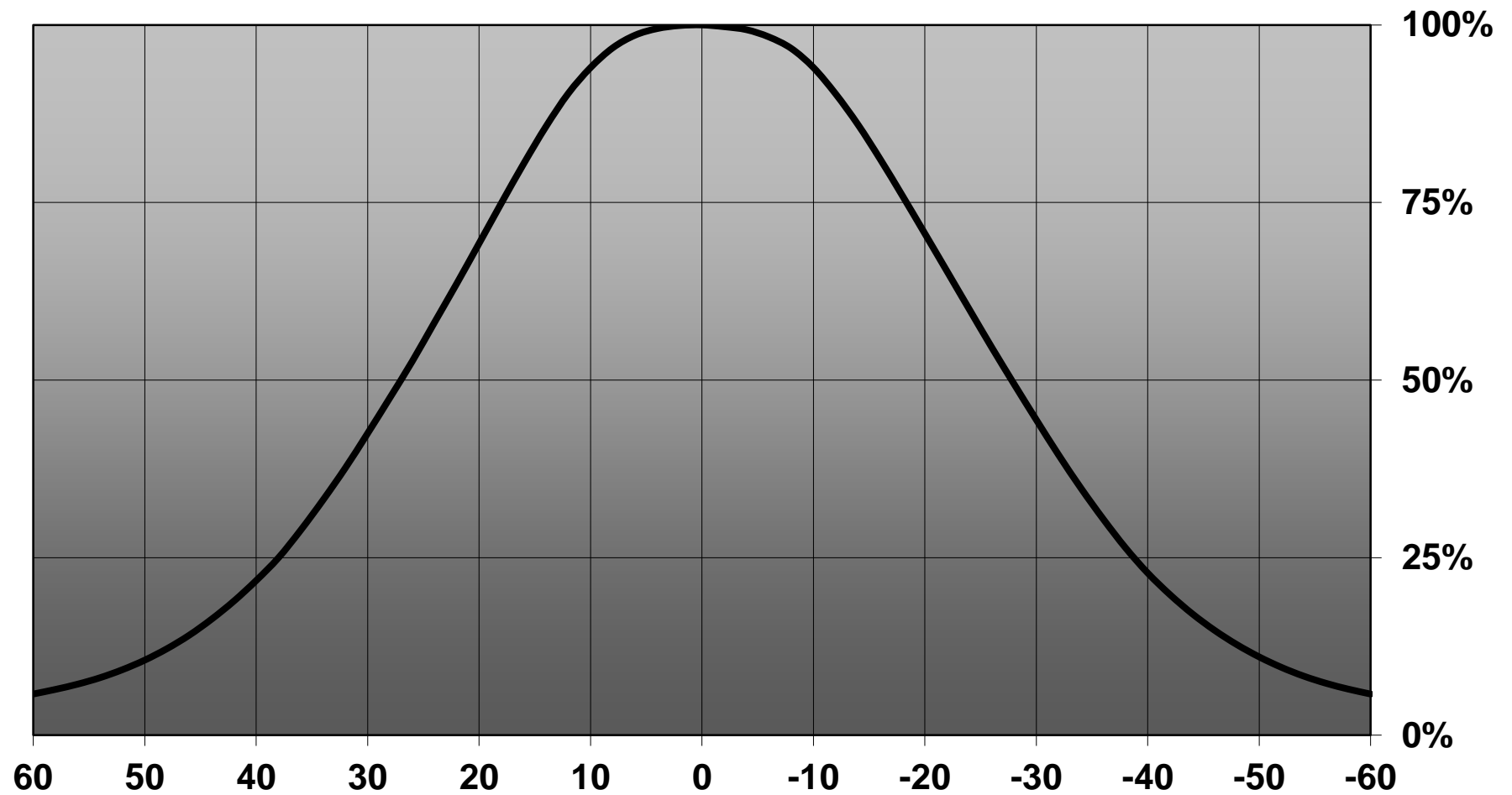
Relative intensity of CN14237_WINNIE-M_(CXM-14)

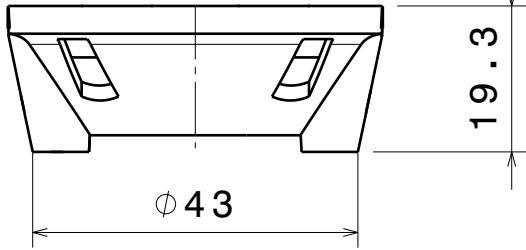


Relative intensity of CN14237_WINNIE-M_(Soleriq_P13)

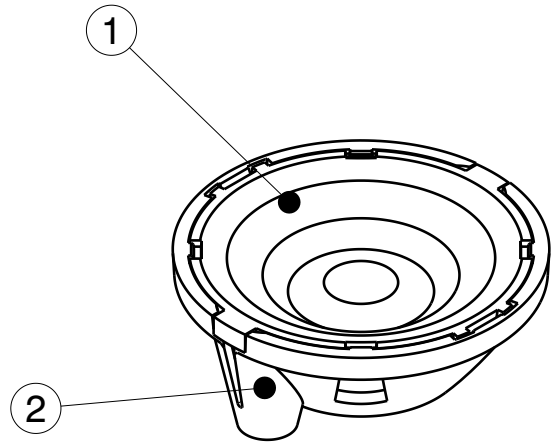


Relative intensity of CN14237_WINNIE-M_(Soleriq_S19)

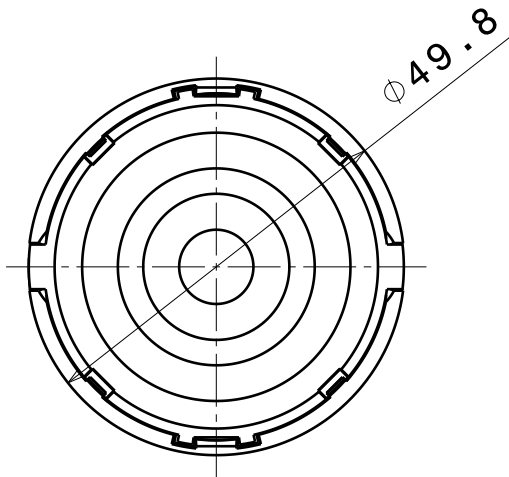




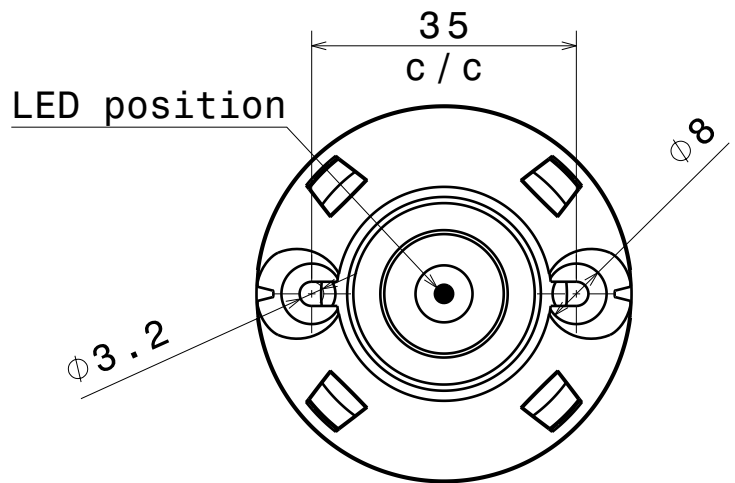
Front view



Isometric view



Top view



Bottom view

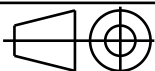
INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	C14233	WINNIE-M	PMMA	clear
2	C14235	WINNIE-HOLDER	PC	white

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

THIRD ANGLE PROJECTION:



DRAWING TITLE

CN14237_WINNIE-M

This drawing is the property
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reproduced, copied or
communicated without a written
agreement with LEDiL Oy.

SIZE

A4

PART NUMBER

CN14237

SCALE

1:1

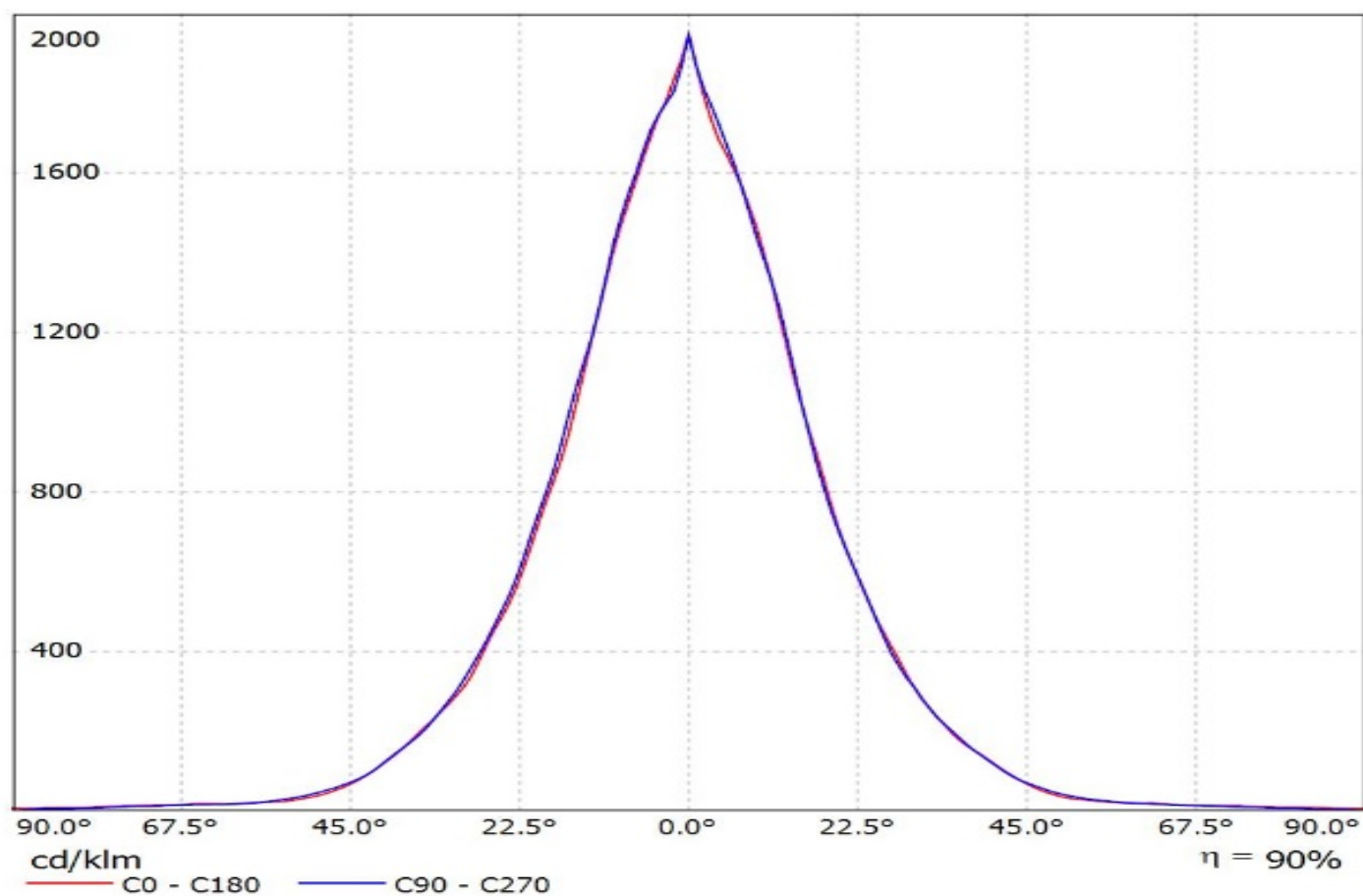
WEIGHT

17,74 g

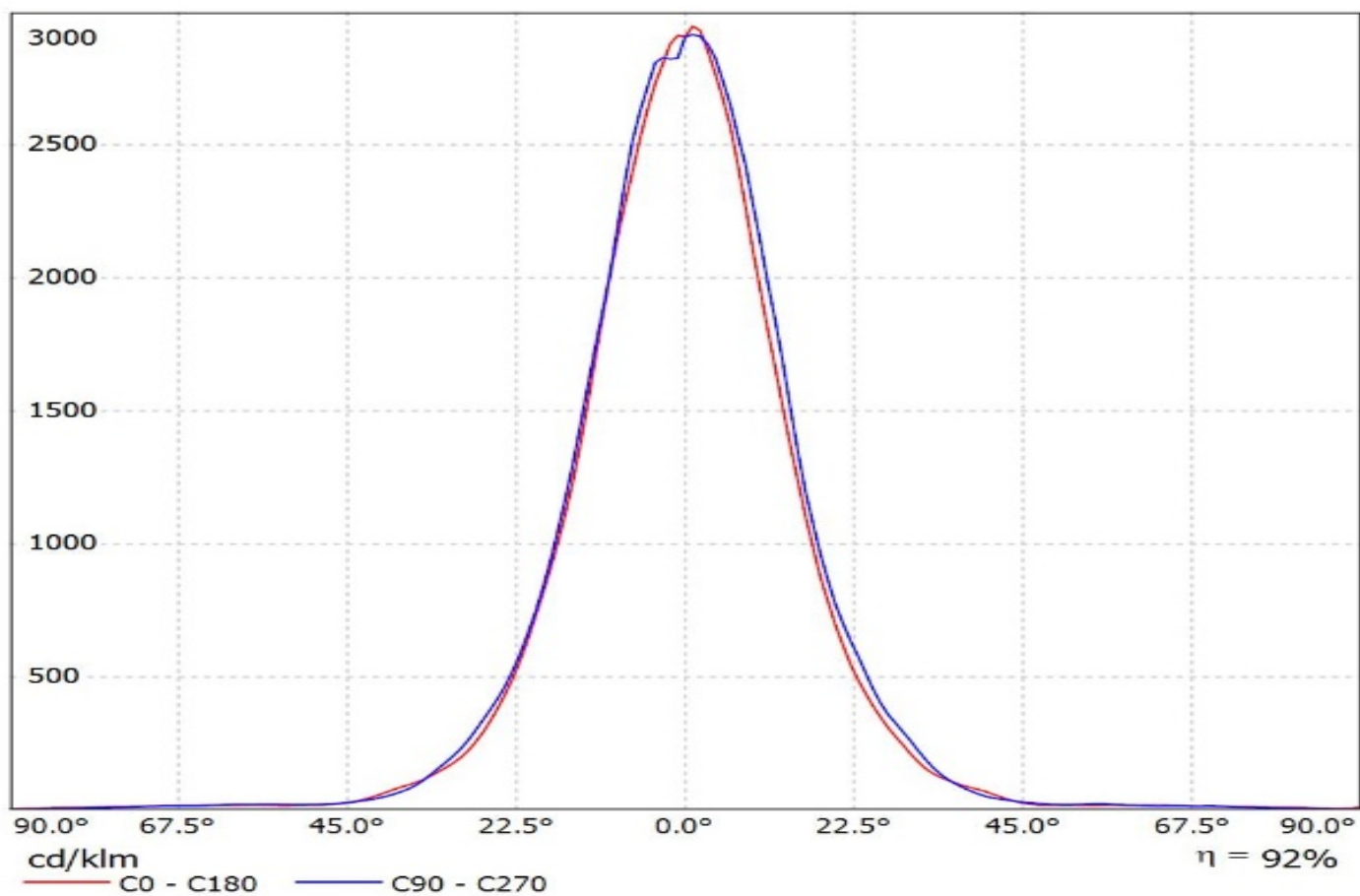
SHEET

1/1

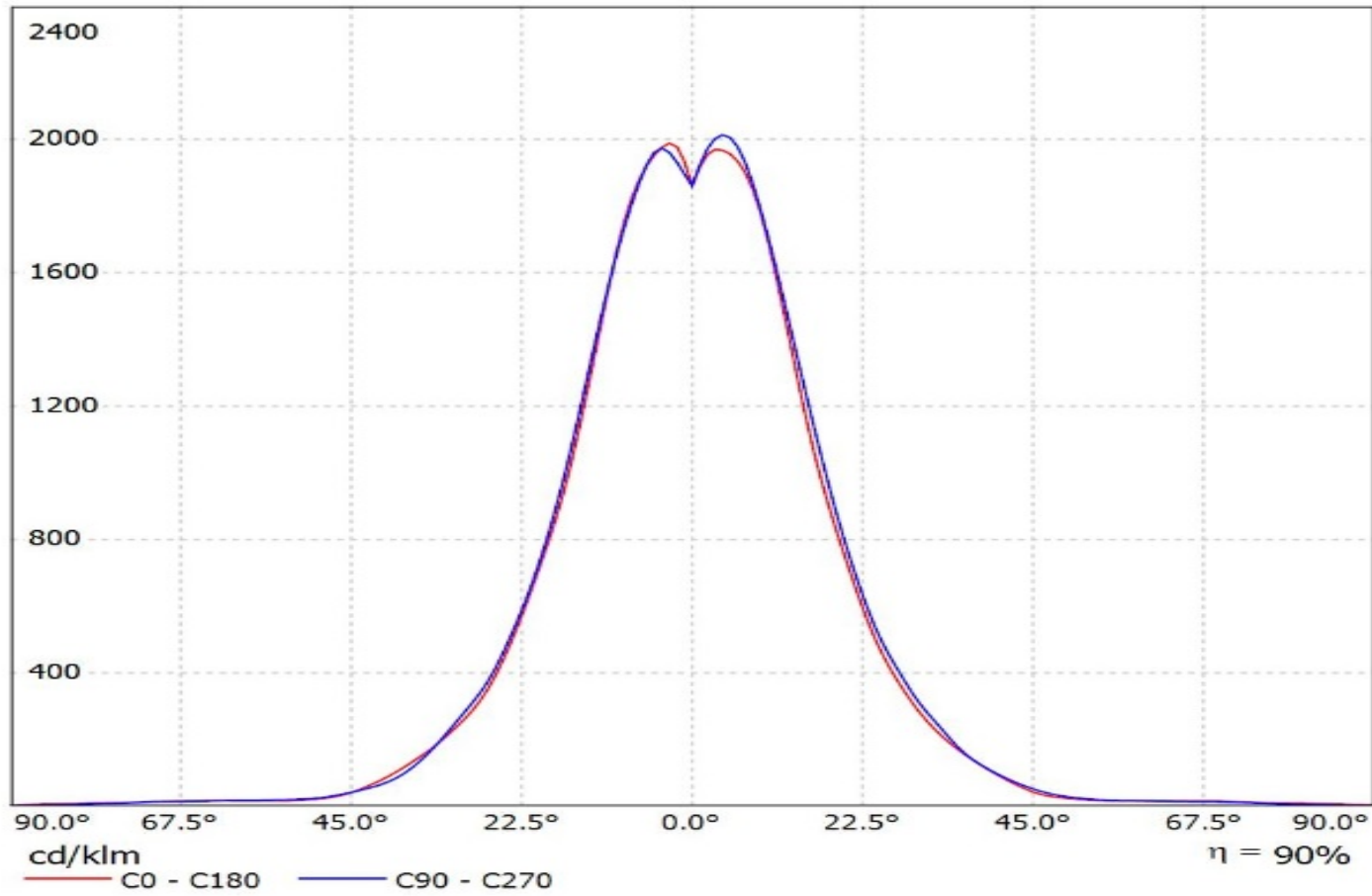
Luminaire: Ledil Oy CN14237_WINNIE-M_(Soleriq_S9)_SIMULATED
Lamps: 1 x Osram Soleriq S9 (GW KAFJB3.EM)



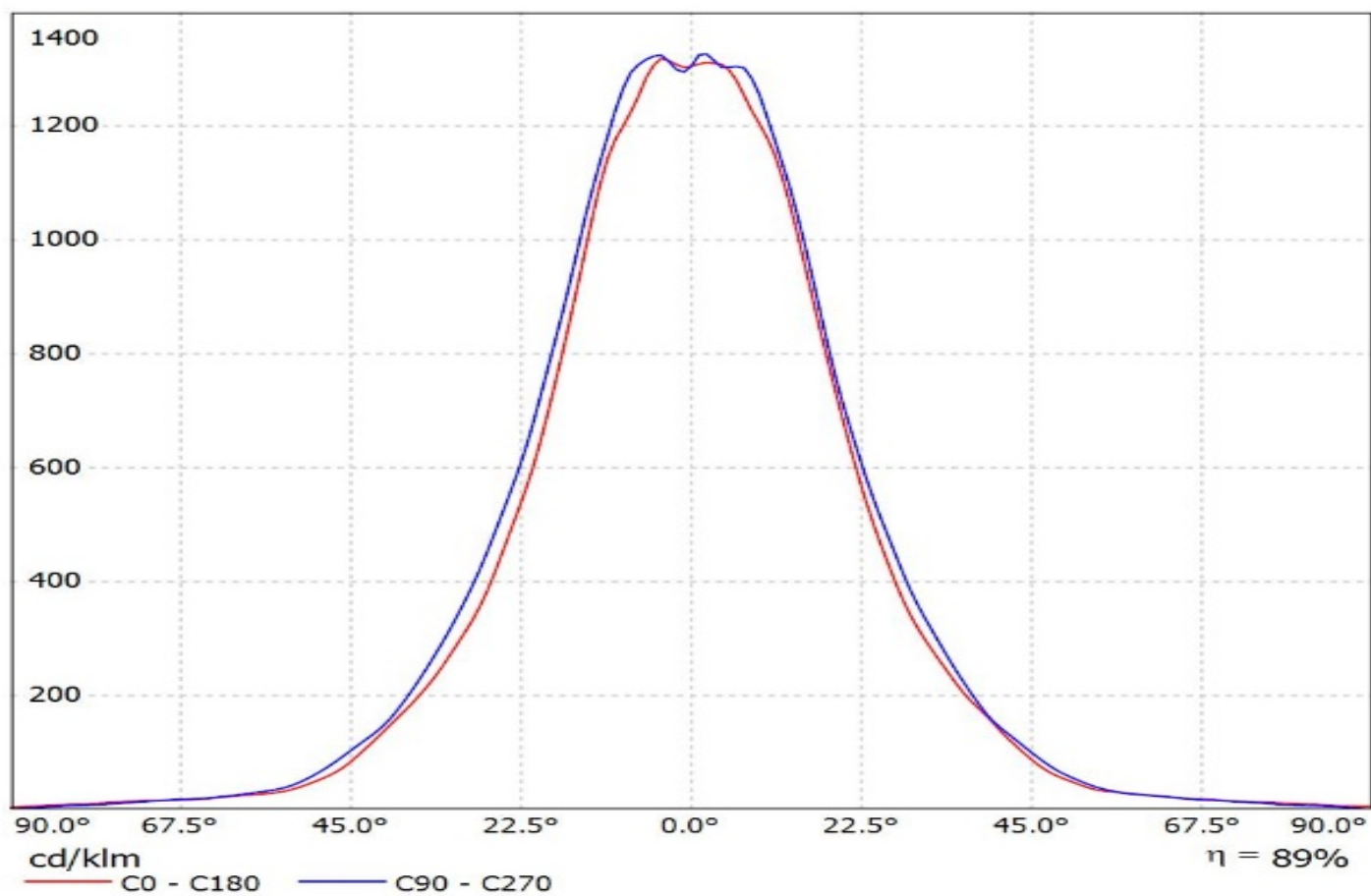
Luminaire: Ledil Oy CN14237_WINNIE-M_(LC010C)_(479_Type_L5)_SIMULATED
Lamps: 1 x Samsung LC010C + Bender & Wirth 479 Type L5



Luminaire: Ledil Oy CN14237_WINNIE-M_(LC020C)_(B+W_479_Typ_L5)_SIMULATED
Lamps: 1 x Samsung LC020C

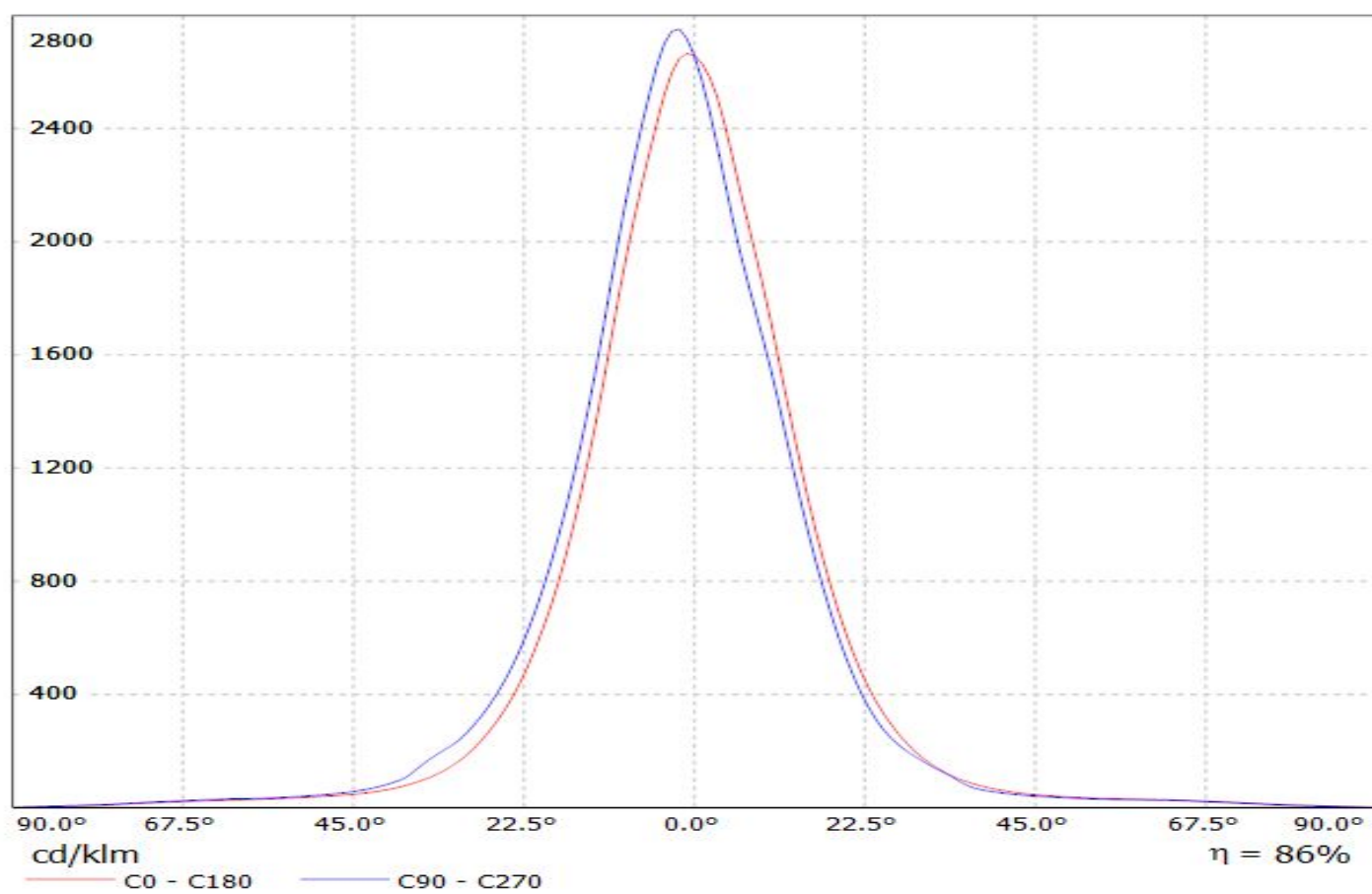


Luminaire: Ledil Oy CN14237_WINNIE-M_(LC040C)_(B+W_479_Typ_L5)_SIMULATED
Lamps: 1 x Samsung LC040C

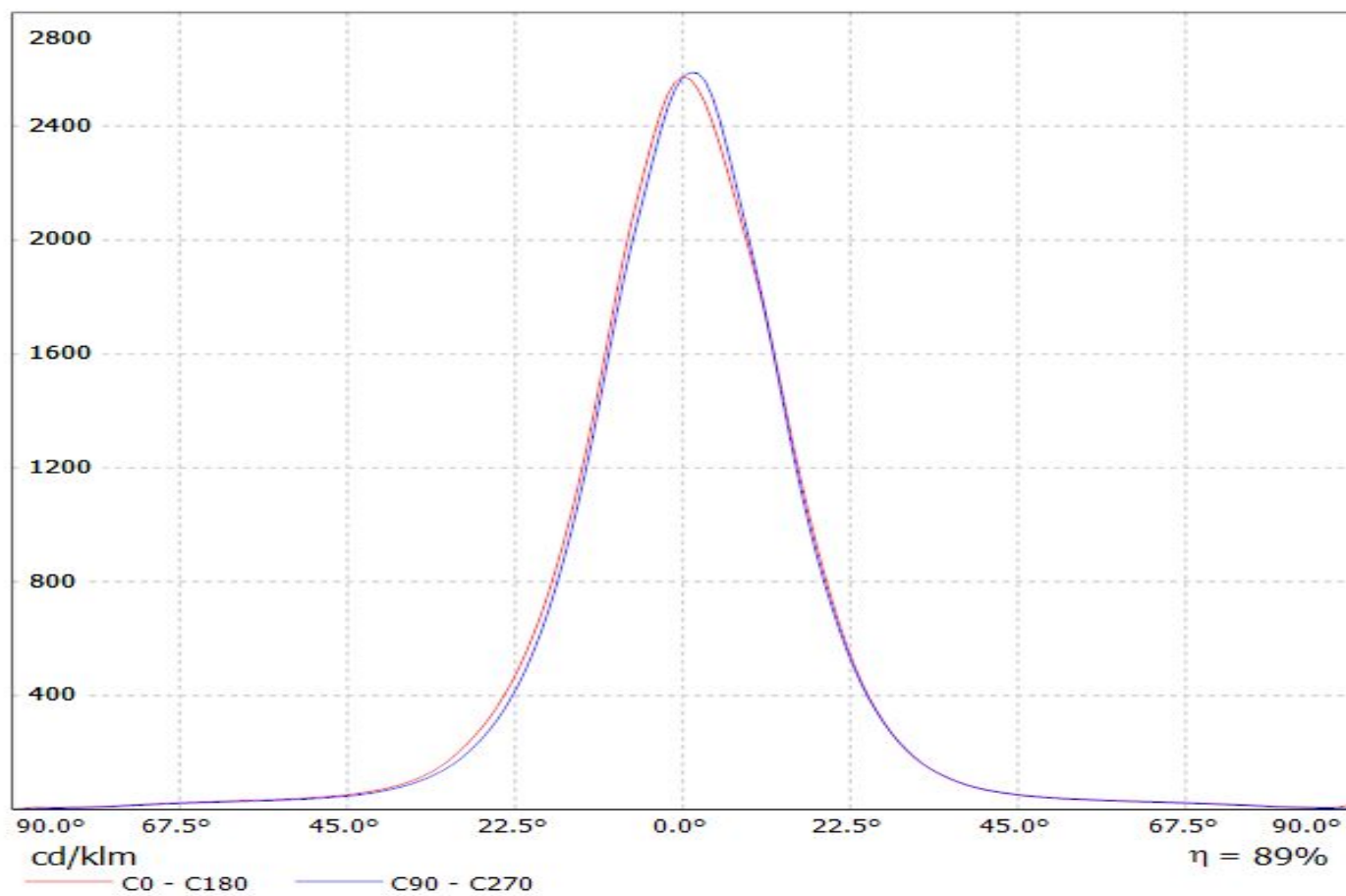


Luminaire: LEDiL Oy CN14237_WINNIE-M_(SLE-G5_LES-6)

Lamps: 1 x Tridonic_SLE-G5_LES-6_472.41lm@100mA_P=3.3763W_I=0.100A

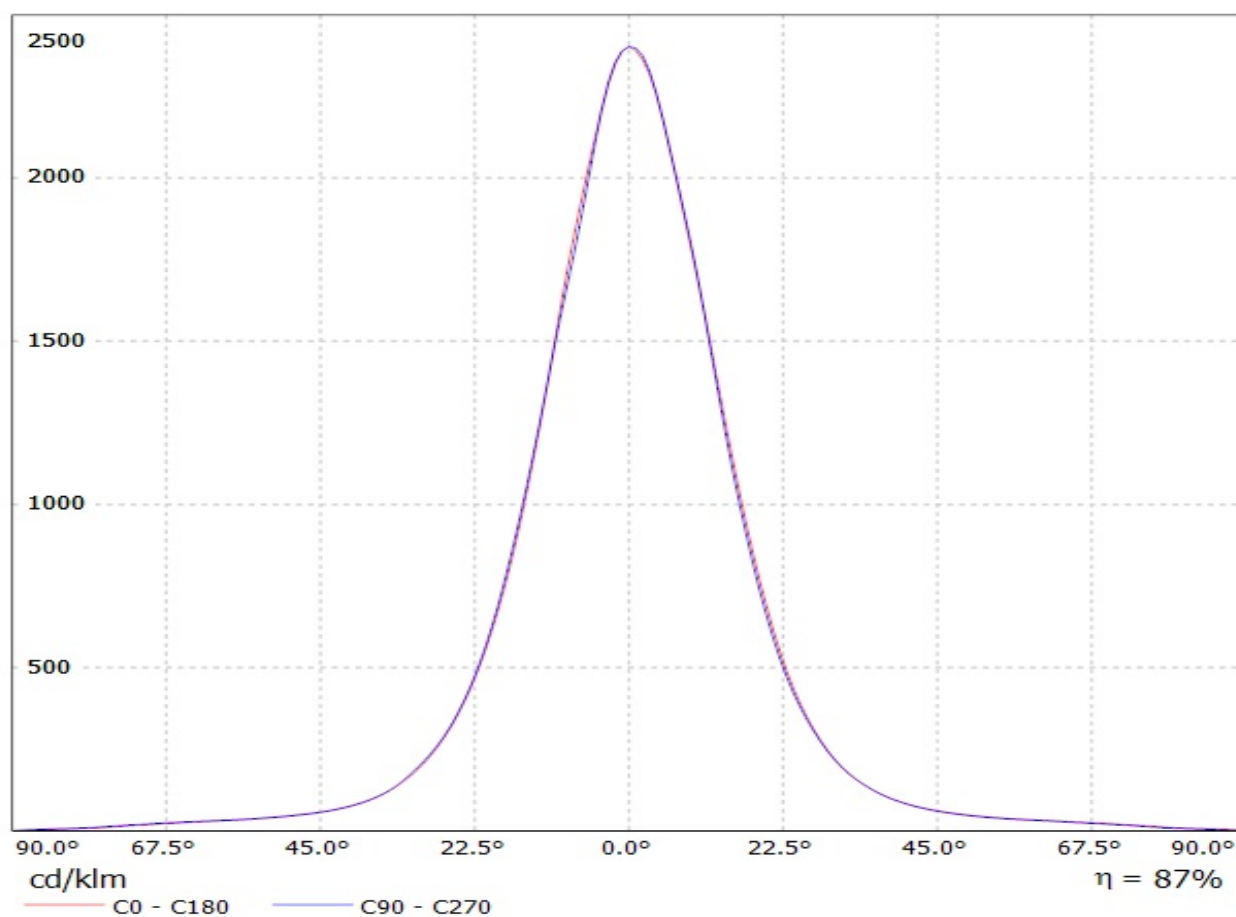


Luminaire: LEDiL Oy CN14237_WINNIE-M_(CLU700)
Lamps: 1 x Citizen_CLU700_367.467lm@100mA_P=2.77574W_I=0.1002A



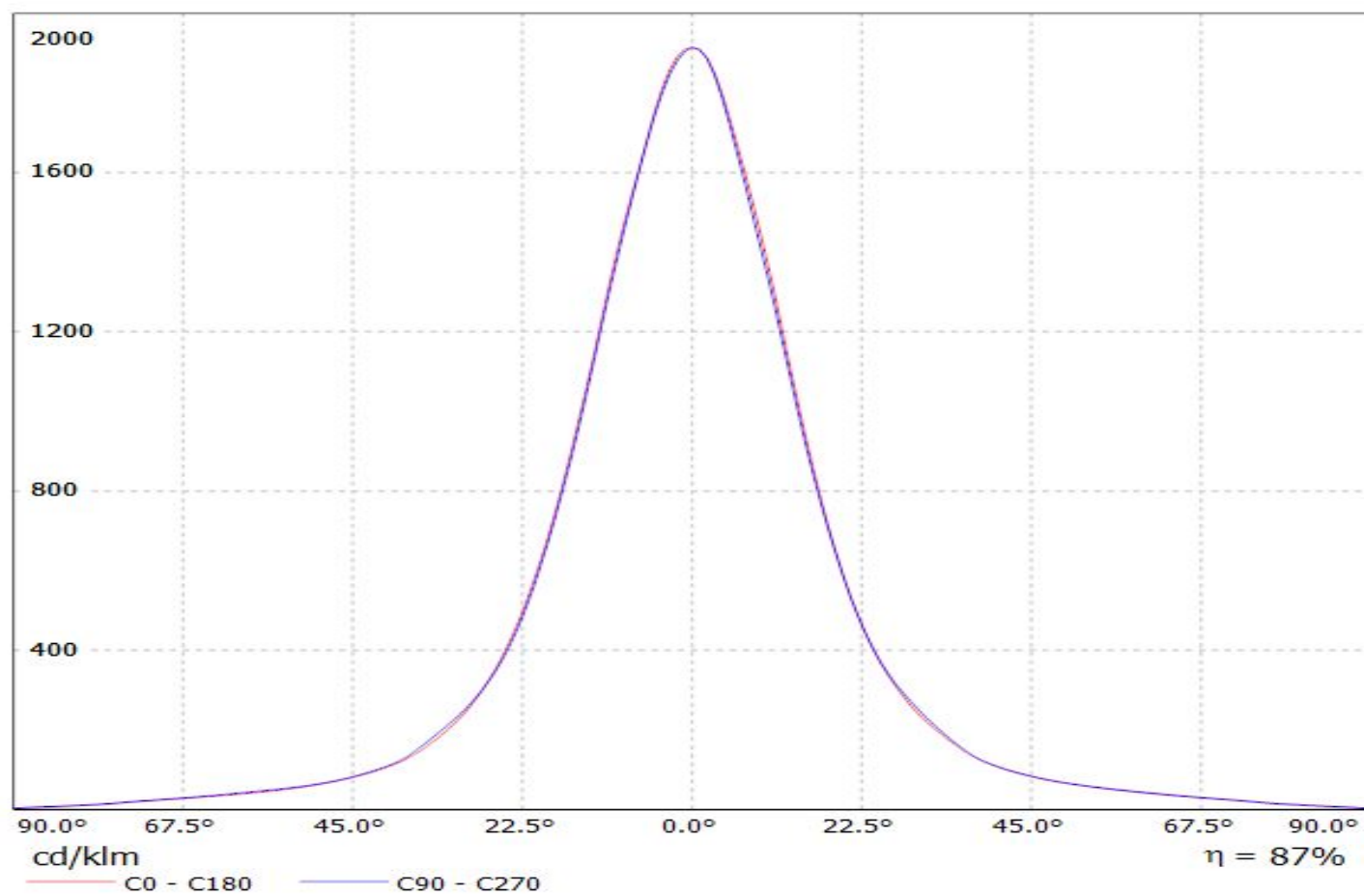
Luminaire: LEDiL Oy CN14237_WINNIE-M_(CLU700)_434-Typ-L5

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



Luminaire: Ledil CN14237_WINNIE-M_(MHD-G)

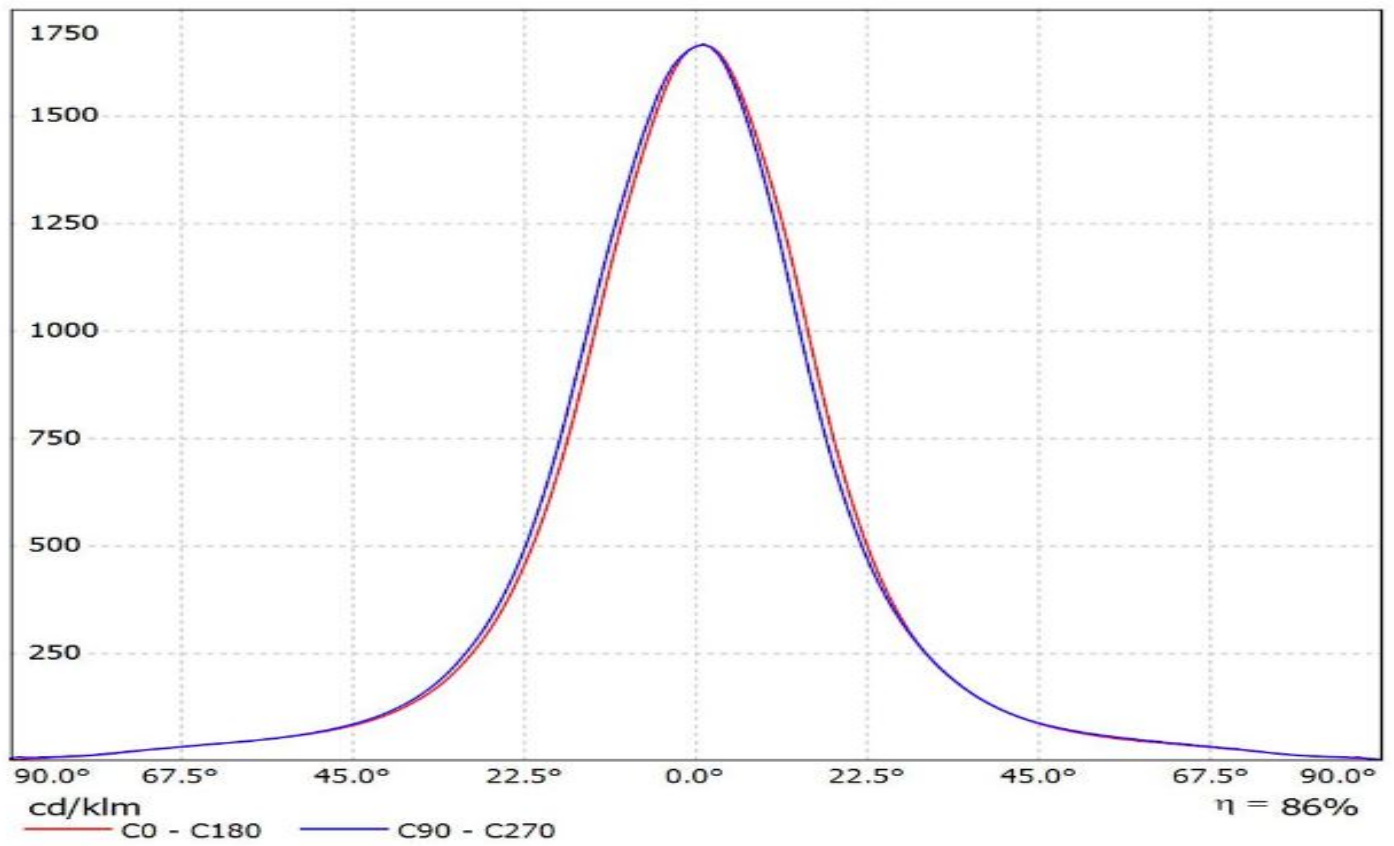
Lamps: 1 x Cree MHD-G_530.44lm@100mA_P=3.0W_I=0.100A



Ledil CN14237_WINNIE-M_(CLU710) / LDC (Linear)

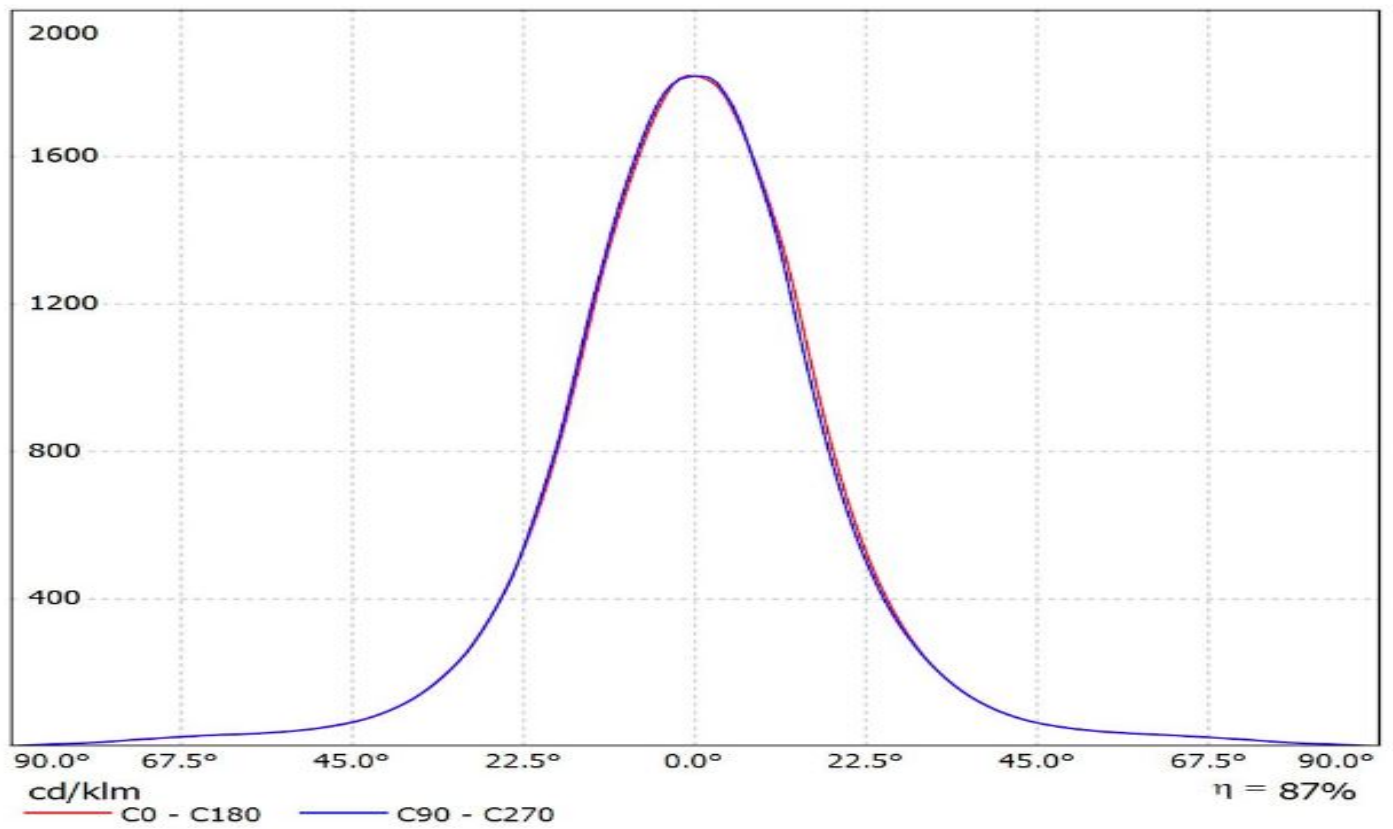
Luminaire: Ledil CN14237_WINNIE-M_(CLU710)

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

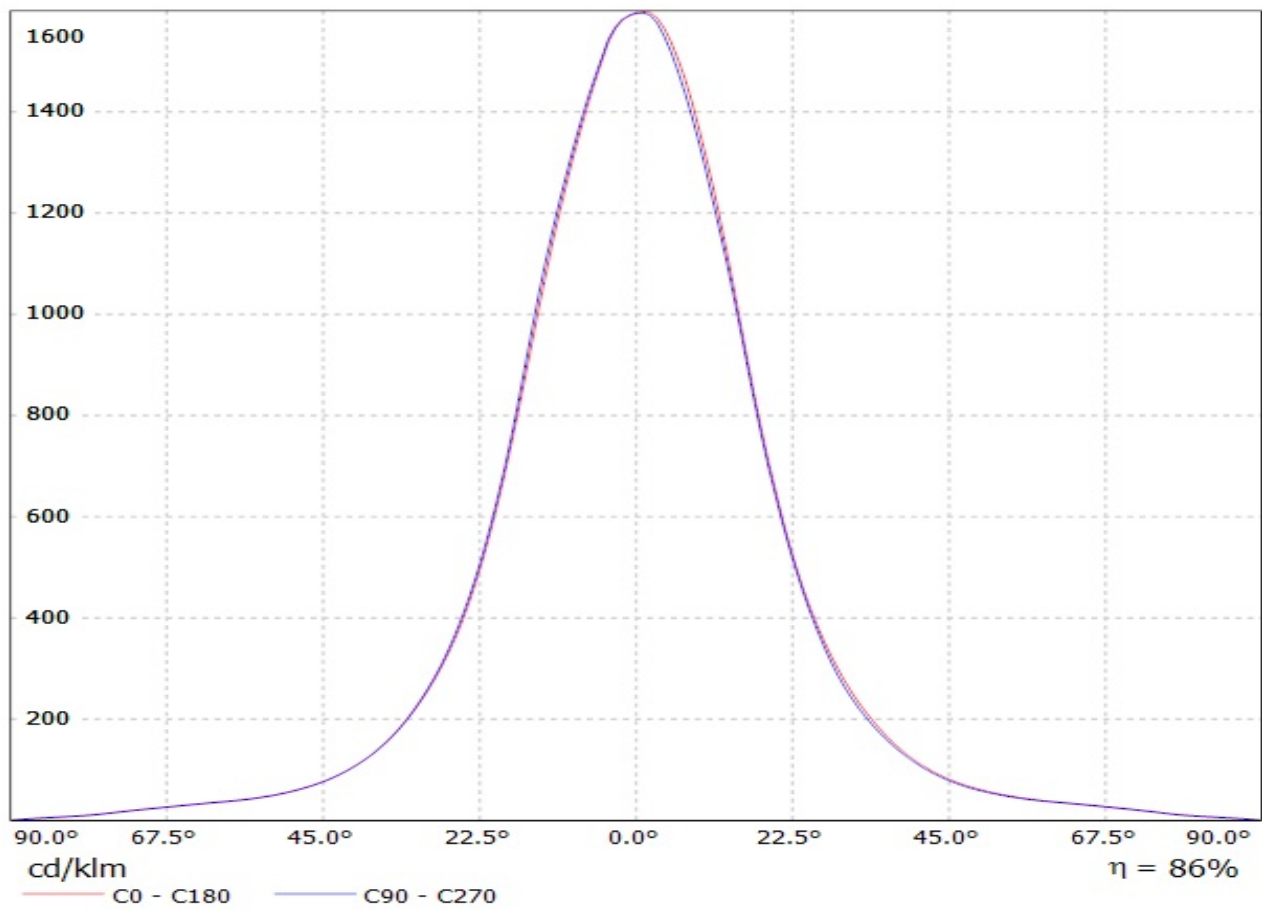


Ledil CN14237_WINNIE-M_(CLU710)_(470_Typ_L5) / LDC (Linear)

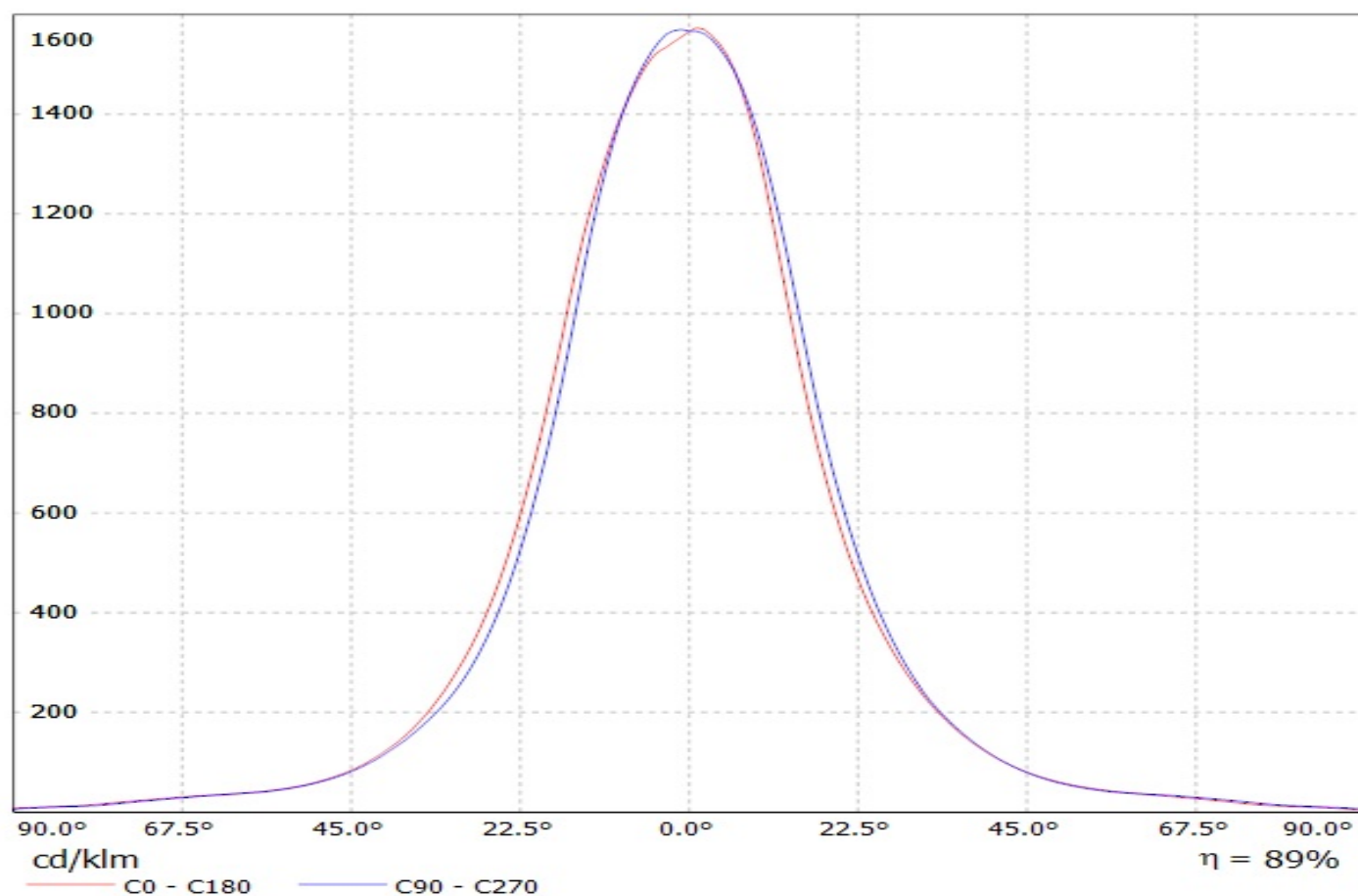
Luminaire: Ledil CN14237_WINNIE-M_(CLU710)_(470_Typ_L5)
Lamps: 1 x Citizen_CLU710_(CLU710-1204B8-273M2G1)_(470_Typ_L5)
_1134.69lm@250mA_CCT=2700K_P=8.5W_I=0.25A



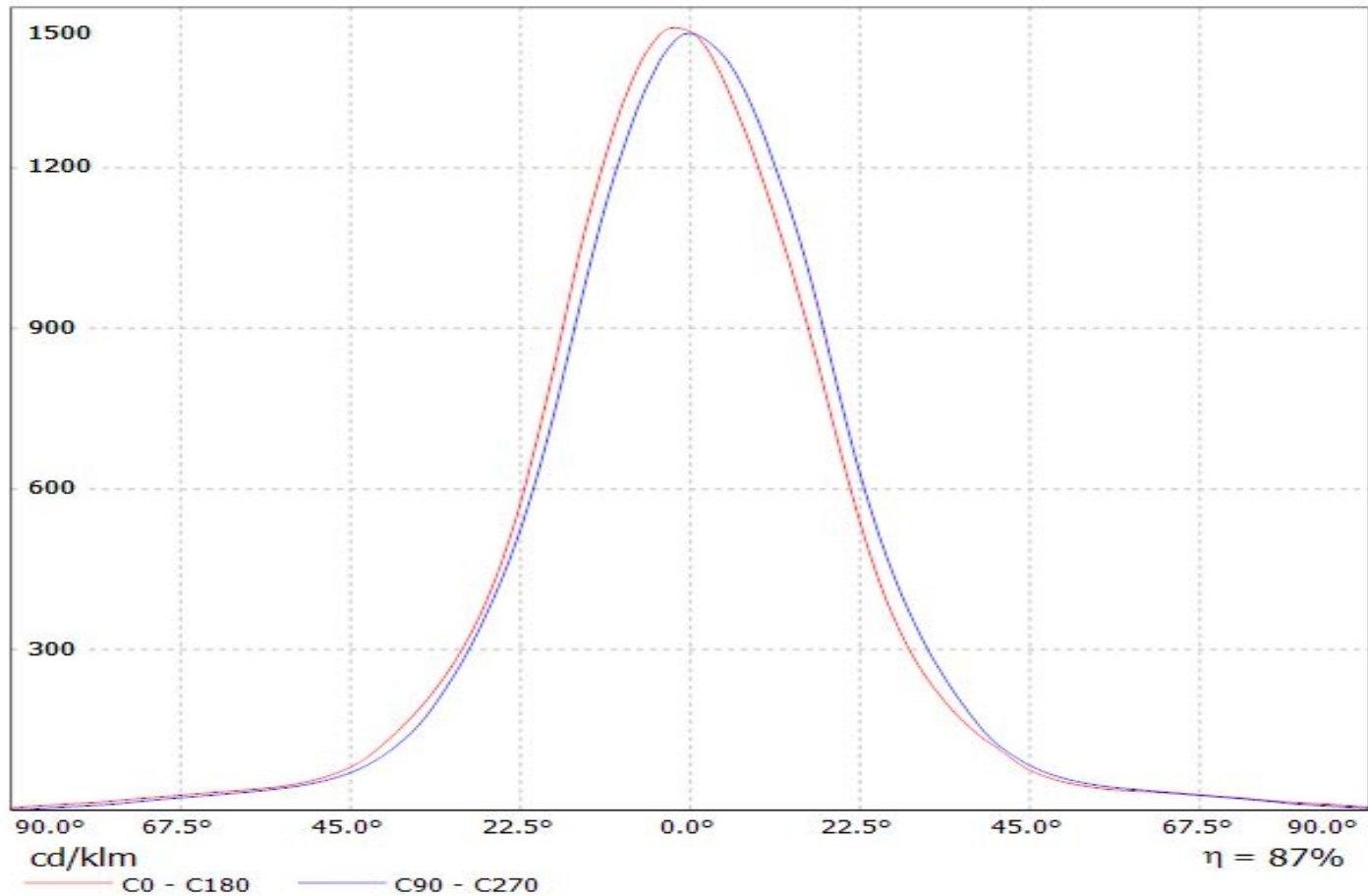
Luminaire: LEDiL Oy CN14237_WINNIE-M_(CLU024)_434-Typ-L5
Lamps: 1 x Citizen_CLU-024_(CLU024-1204B8-303M1A2)_434-Typ-L5_1023.5lm@250mA_P=8.57963W_I=0.2498A



Luminaire: LEDiL Oy CN14237_WINNIE-M_(VERO10)
Lamps: 1 x Bridgelux_VERO10_(301000B)_758.633lm@250mA_P=6.35346W_I=0.2499A

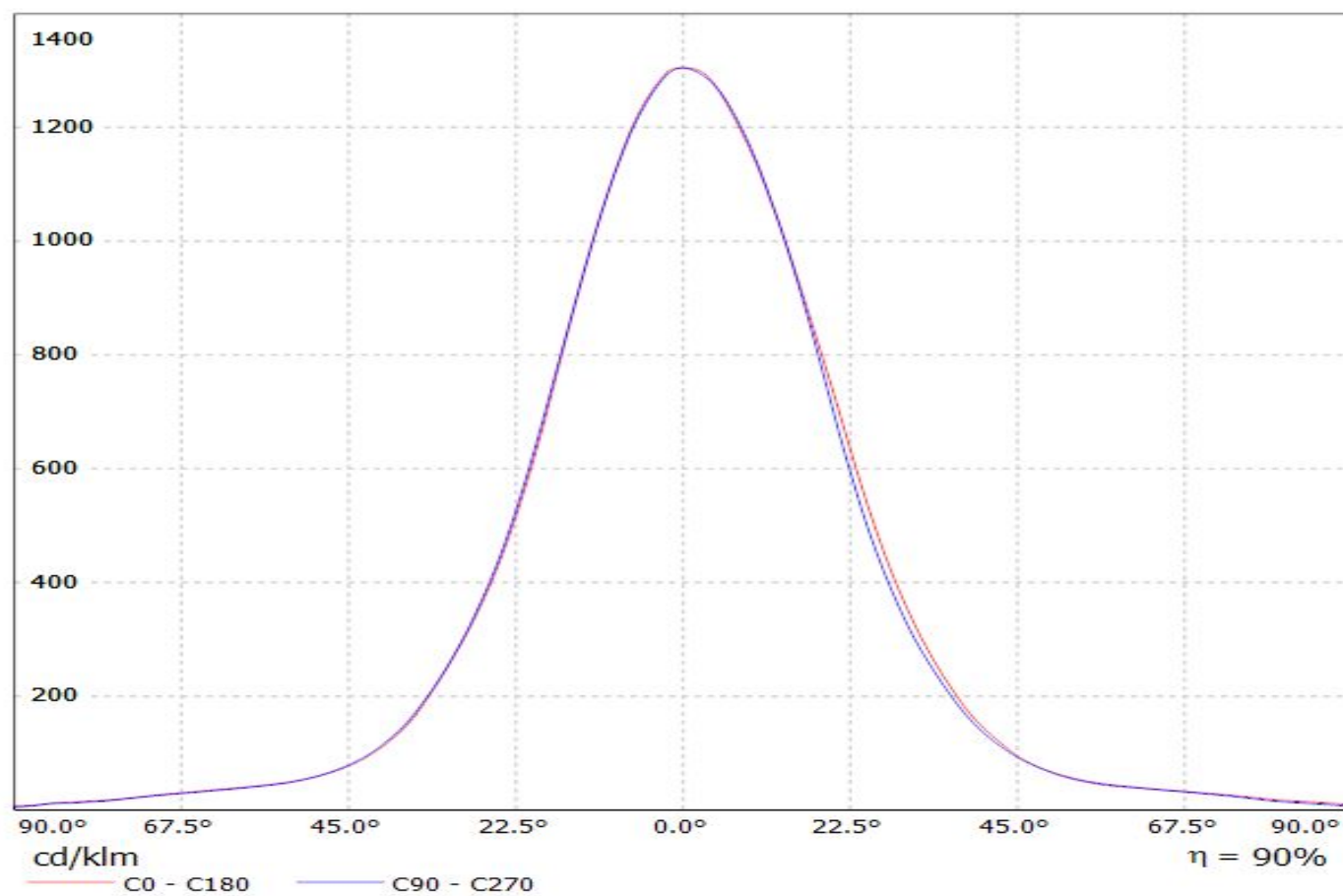


Luminaire: LEDiL Oy CN14237_WINNIE-M_(SLE-G5_LES-11)
Lamps: 1 x Tridonic_SLE-G5_LES-15_1138.42lm@250mA_P=8.4110W_I=0.250A



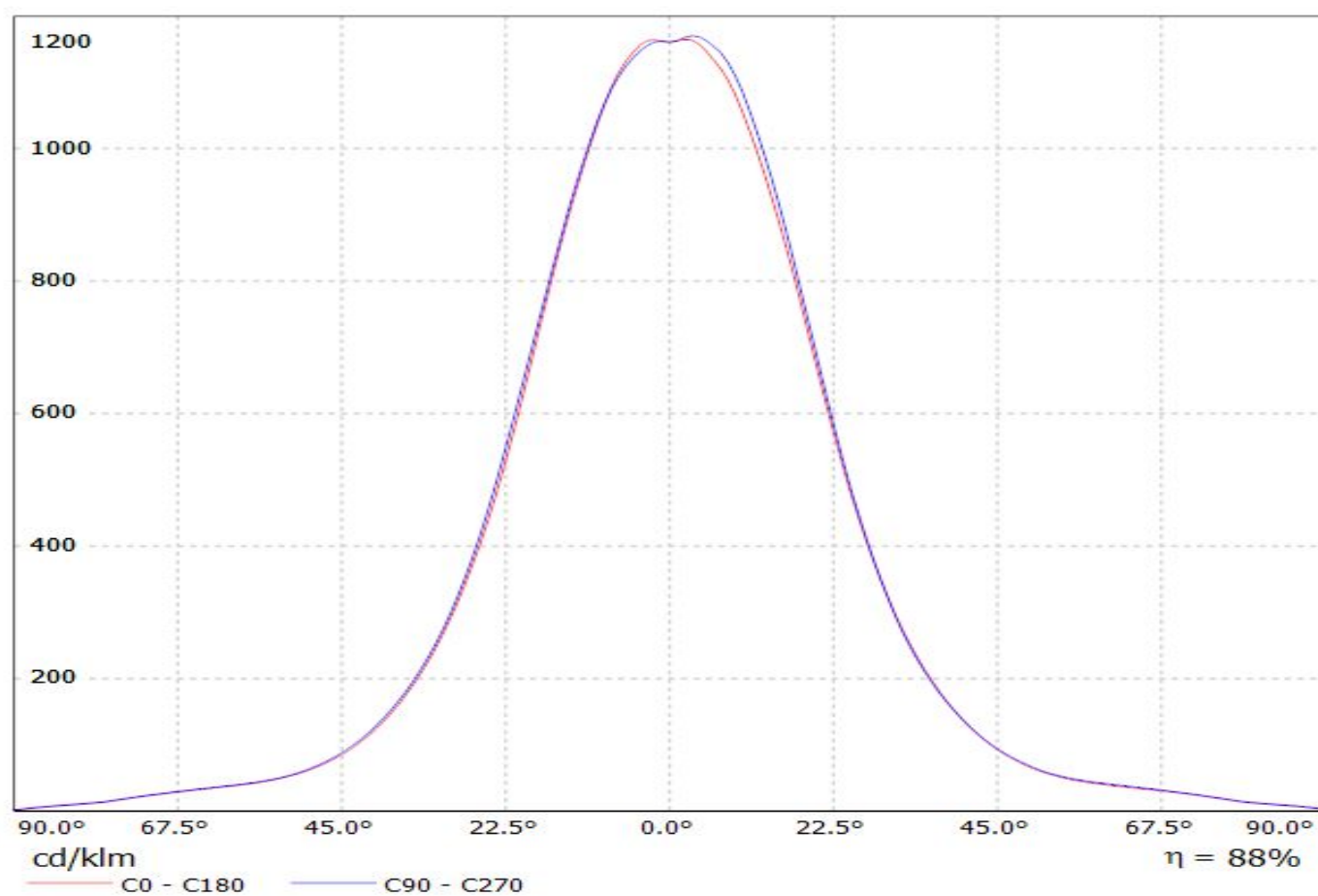
Luminaire: LEDiL Oy CN14237_WINNIE-M_(CITIZEN_CLU720)

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

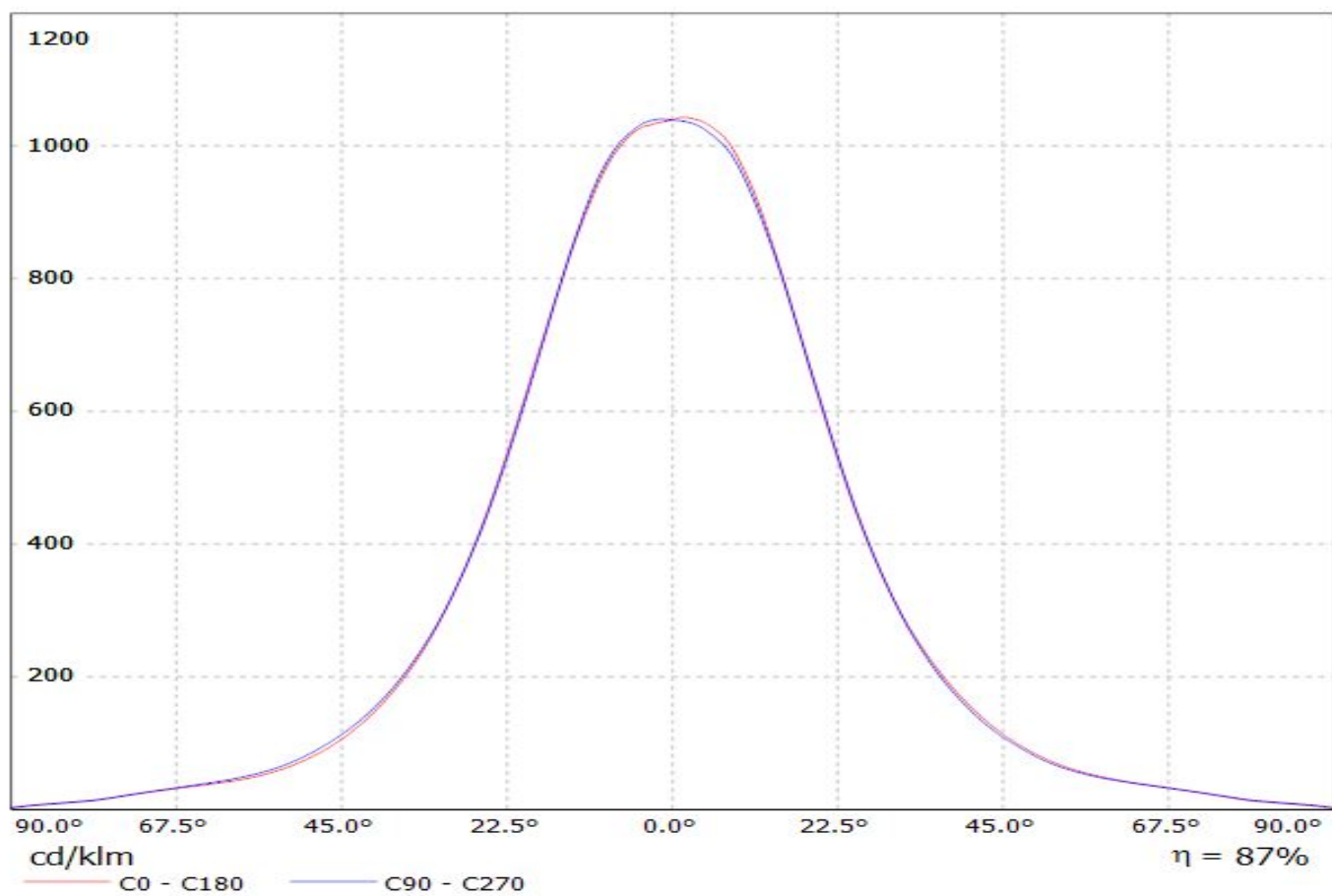


Luminaire: LEDiL Oy CN14237_WINNIE-M_(DMC125)

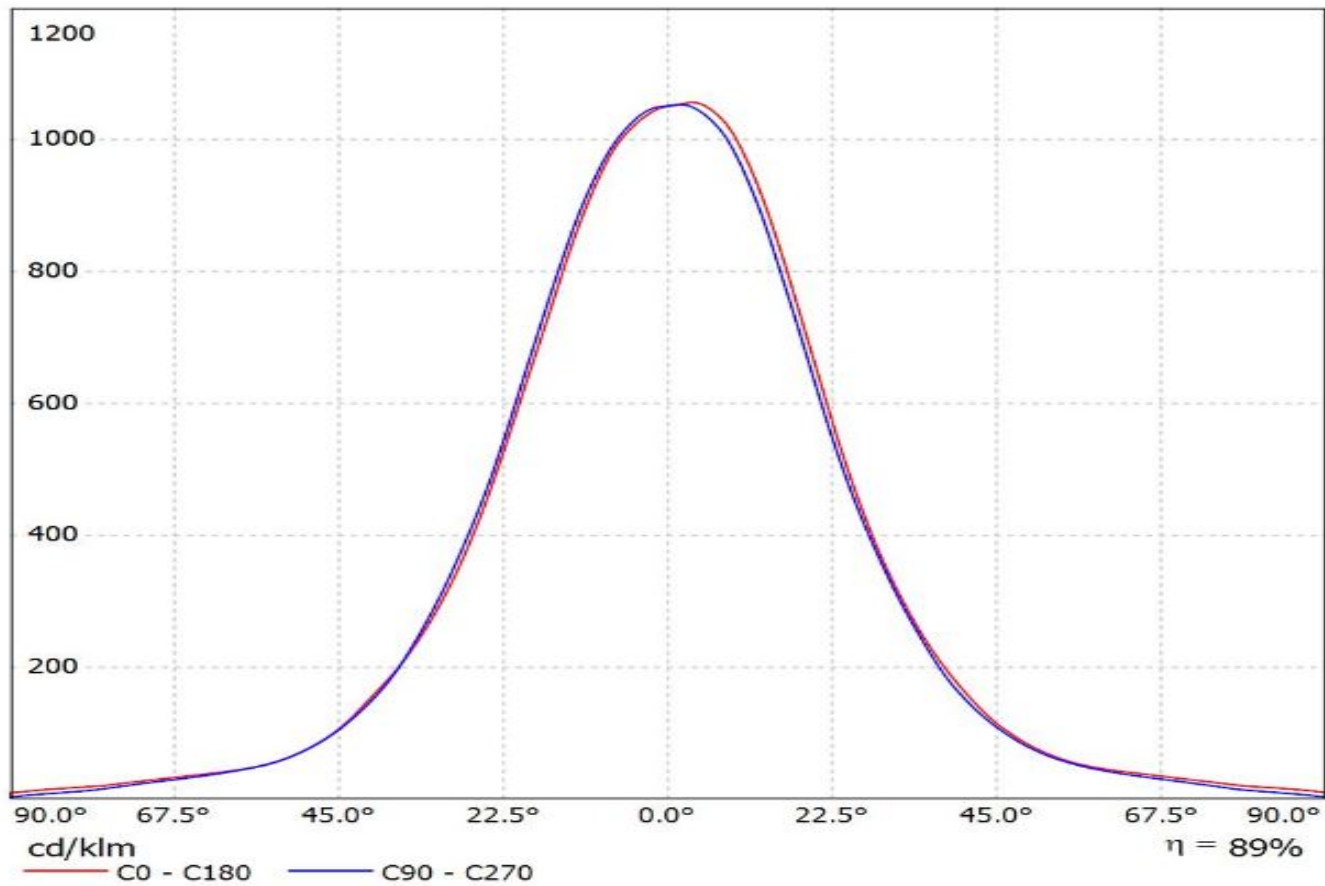
Lamps: 1 x DMC125+433_Typ_L5_1101.77lm@250mA_P=8.53017W_I=250mA



Luminaire: LEDiL Oy CN14237_WINNIE-M_(ZC12)
Lamps: 1 x Seoul_ZC12_(SDW82F1C)+_B+W_433_Typ_L5_1217.21lm@250mA_P=8.64733W_I=250mA

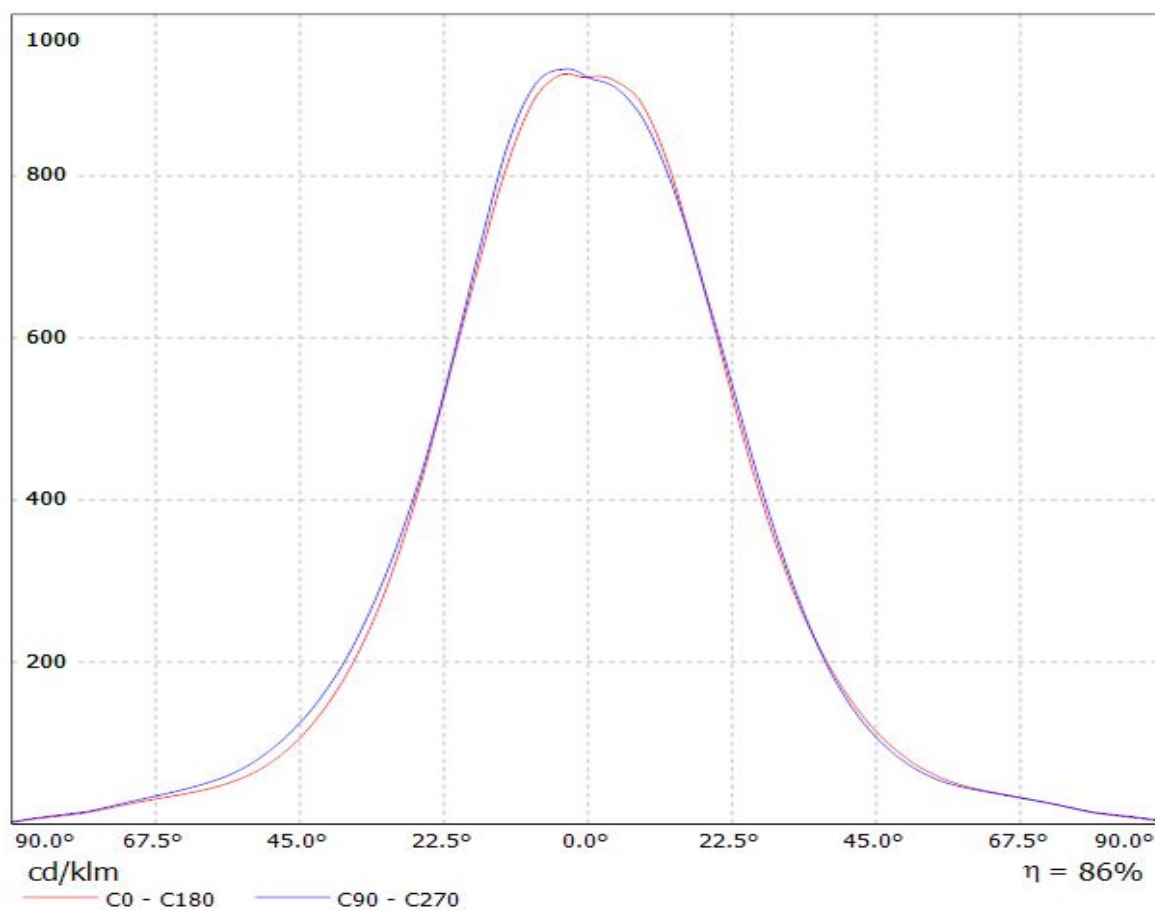


Luminaire: LEDiL Oy CN14237_WINNIE-M_(SLE-G5_LES-15)
Lamps: 1 x Tridonic_SLE-G5_LES-15_1267.45lm@250mA_P=8.6695W_I=0.250A

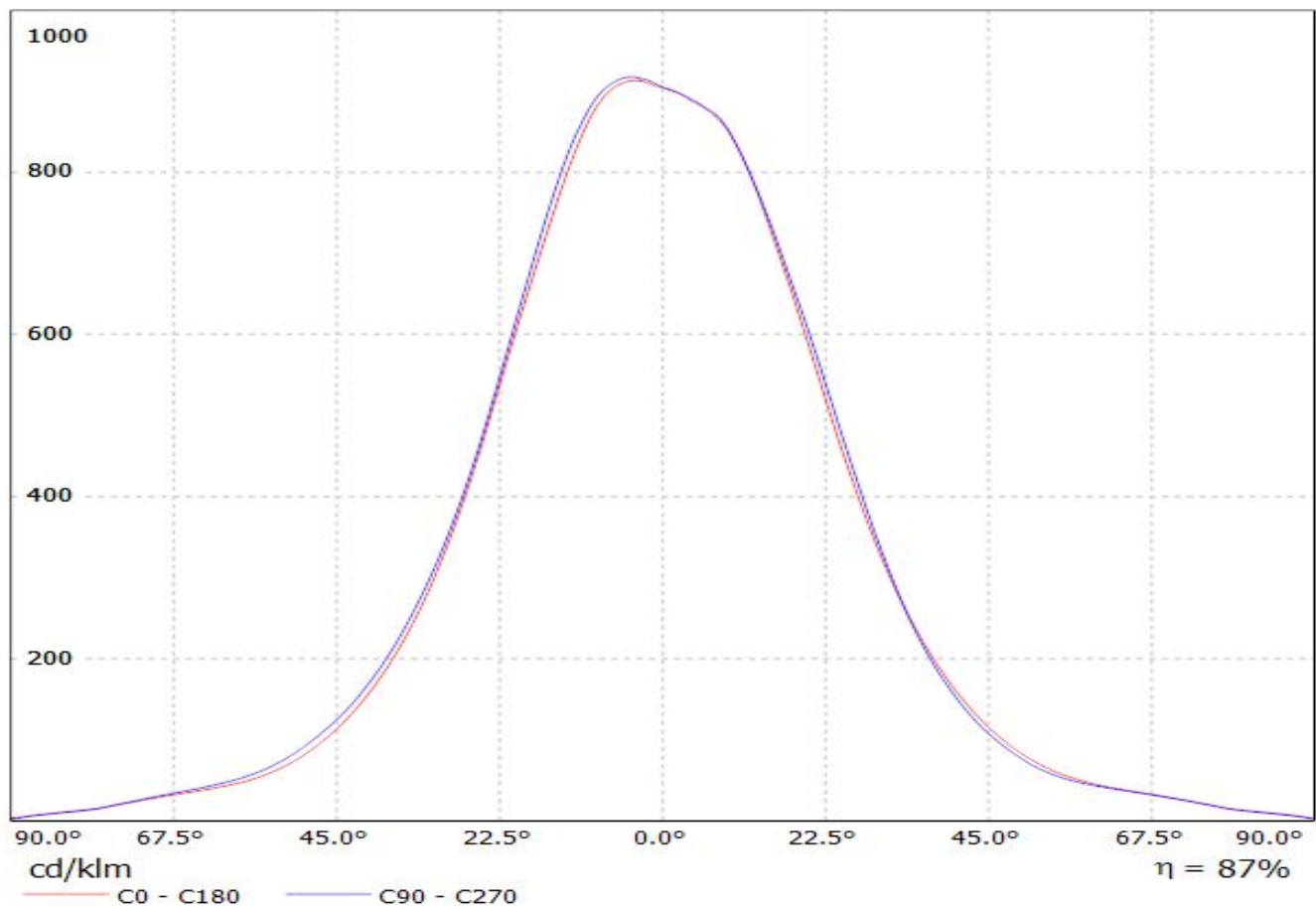


Luminaire: LEDiL Oy CN14237_WINNIE-M_(CLU034)

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



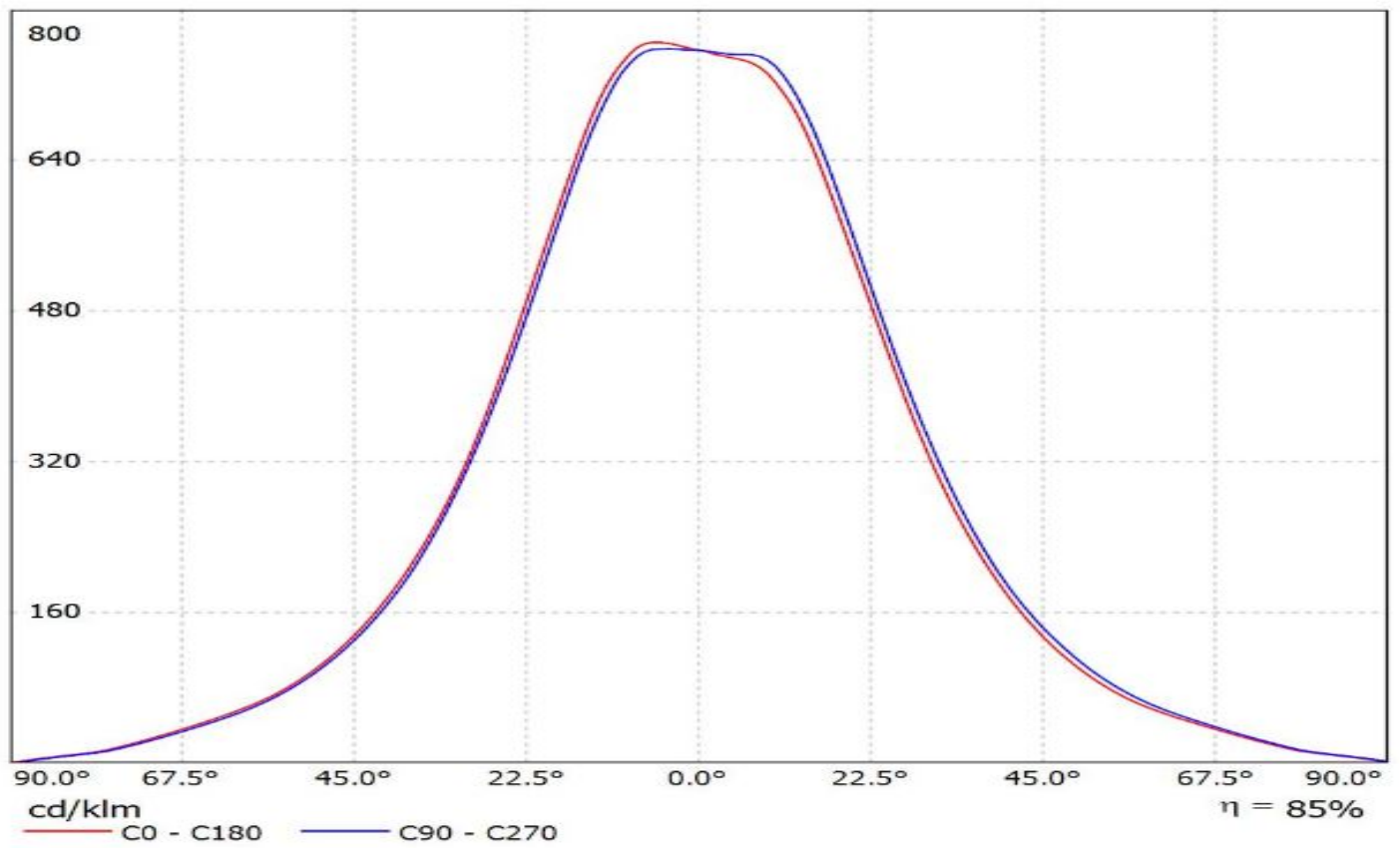
Luminaire: LEDiL Oy CN14237_WINNIE-M_(DMC128)
Lamps: 1 x DMC128+433_TYP_L5_825.549lm@250mA_P=8.28162W_I=250mA



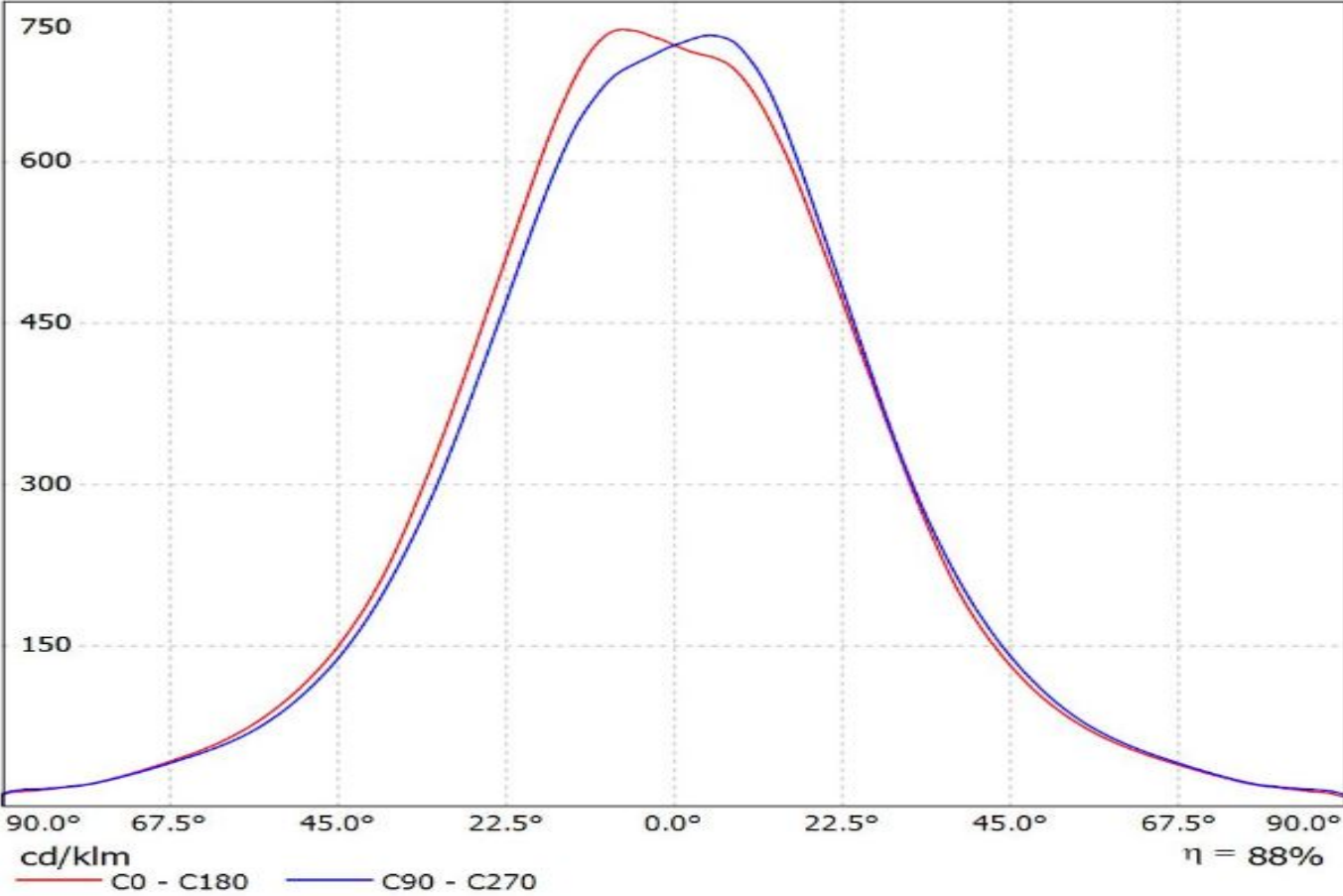
Ledil CN14237_WINNIE-M_(CXA2520) / LDC (Linear)

Luminaire: Ledil CN14237_WINNIE-M_(CXA2520)

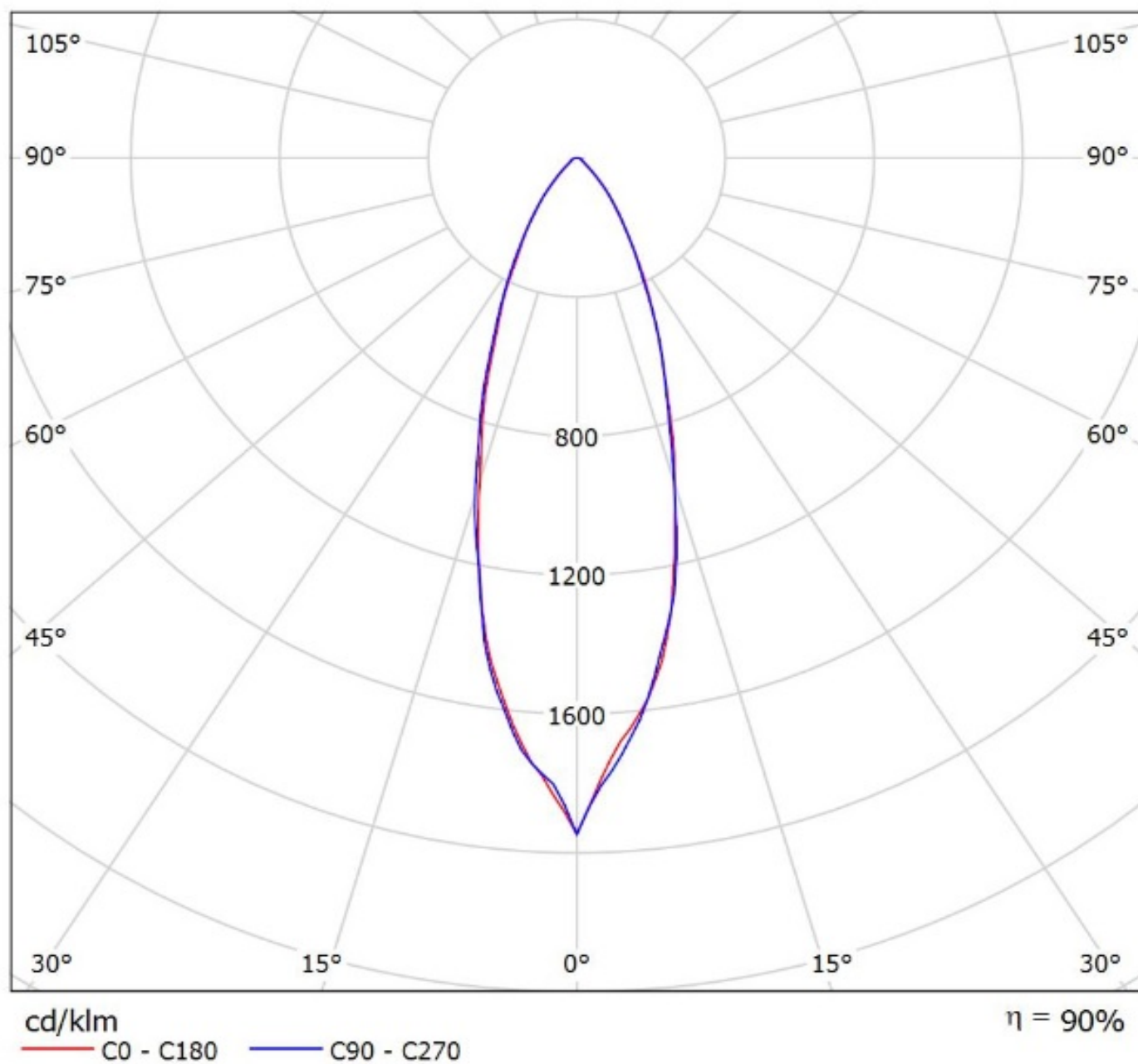
Lamps: 1 x CREE_CXA2520_(2520-7A-N4-N0U)_902.096lm@250mA_CCT=3000K_P=8.56W_I=0.25A



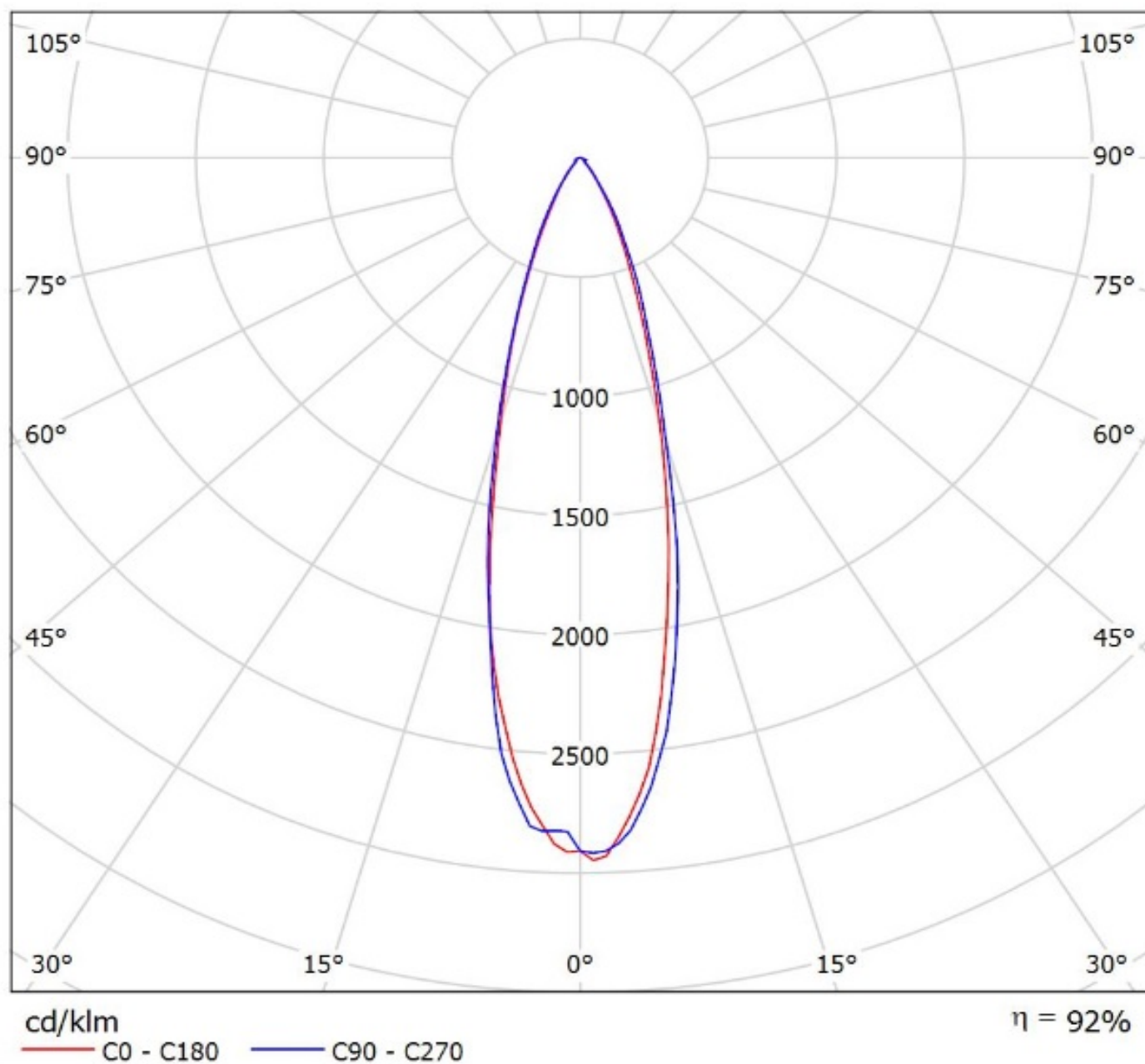
Luminaire: Ledil CN14237_WINNIE-M (V18)
Lamps: 1 x Bridgelux_V18_(BXRC-30E4000-F-23)_1084.28lm@250mA_P=6.8355W_I=0.250A



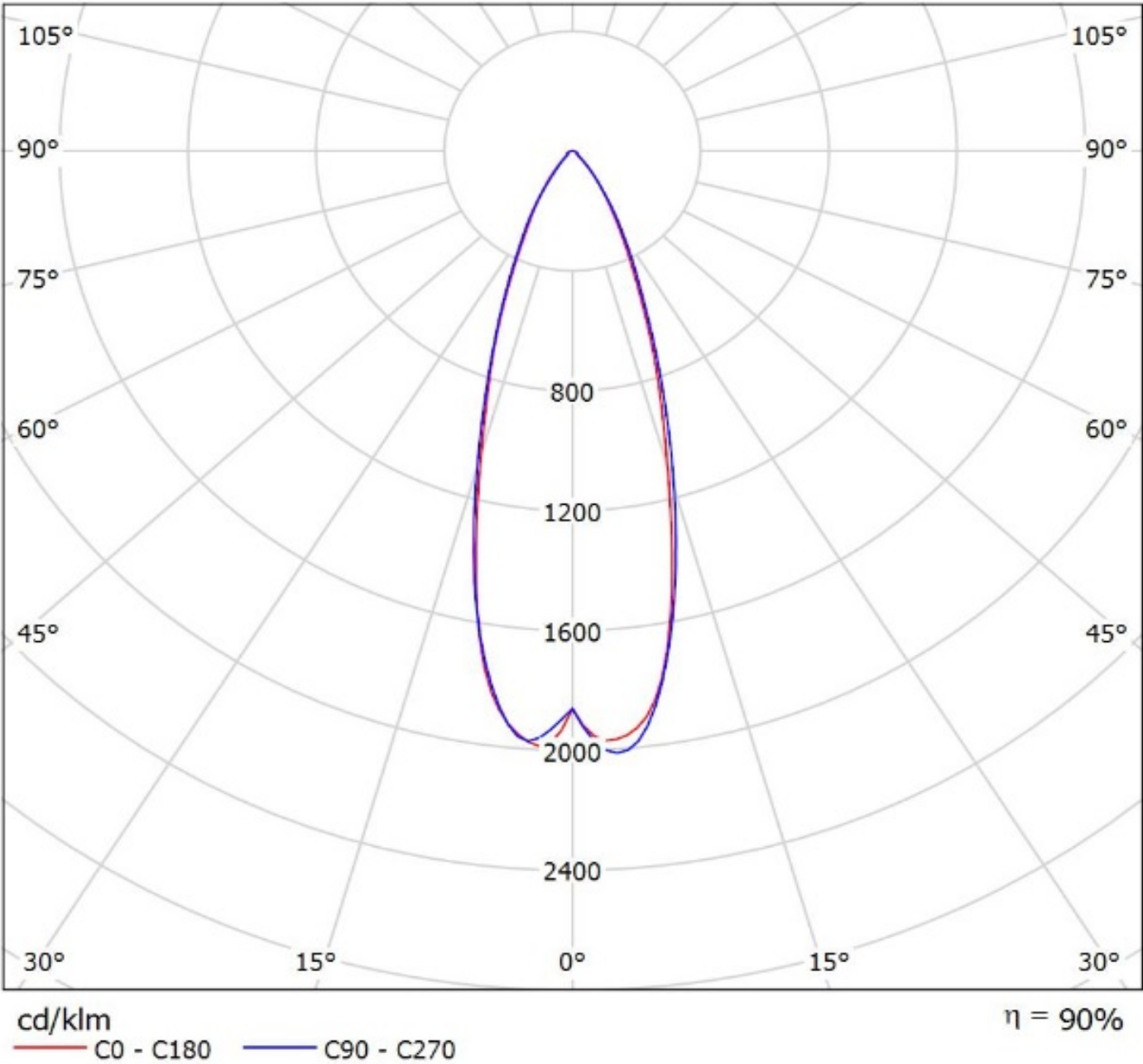
Luminaire: Ledil Oy CN14237_WINNIE-M_(Soleriq_S9)_SIMULATED
Lamps: 1 x Osram Soleriq S9 (GW KAFJB3.EM)



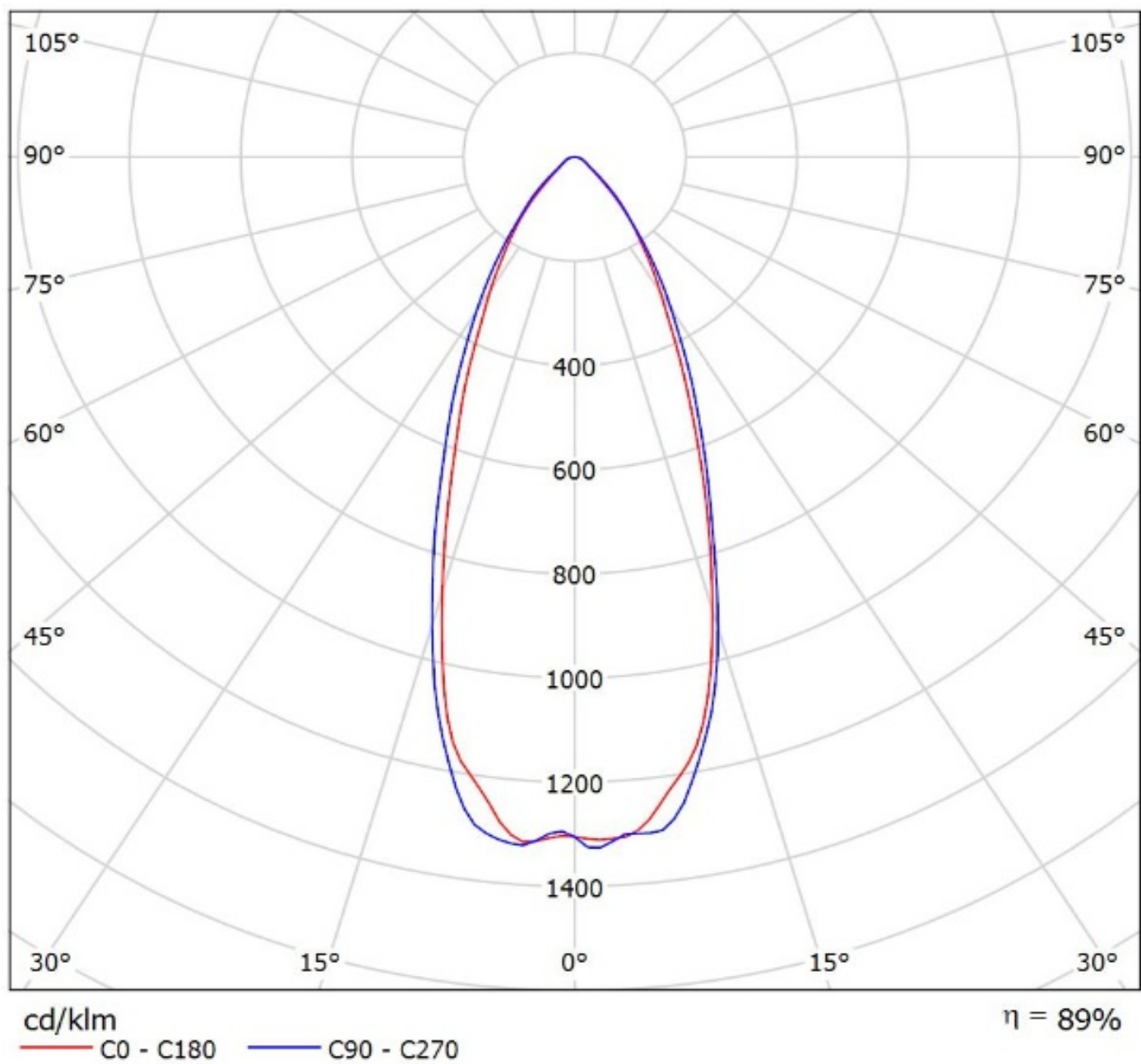
Luminaire: Ledil Oy CN14237_WINNIE-M_(LC010C)_(479_Type_L5)_SIMULATED
Lamps: 1 x Samsung LC010C + Bender & Wirth 479 Type L5



Luminaire: Ledil Oy CN14237_WINNIE-M_(LC020C)_(B+W_479_Typ_L5)_SIMULATED
Lamps: 1 x Samsung LC020C

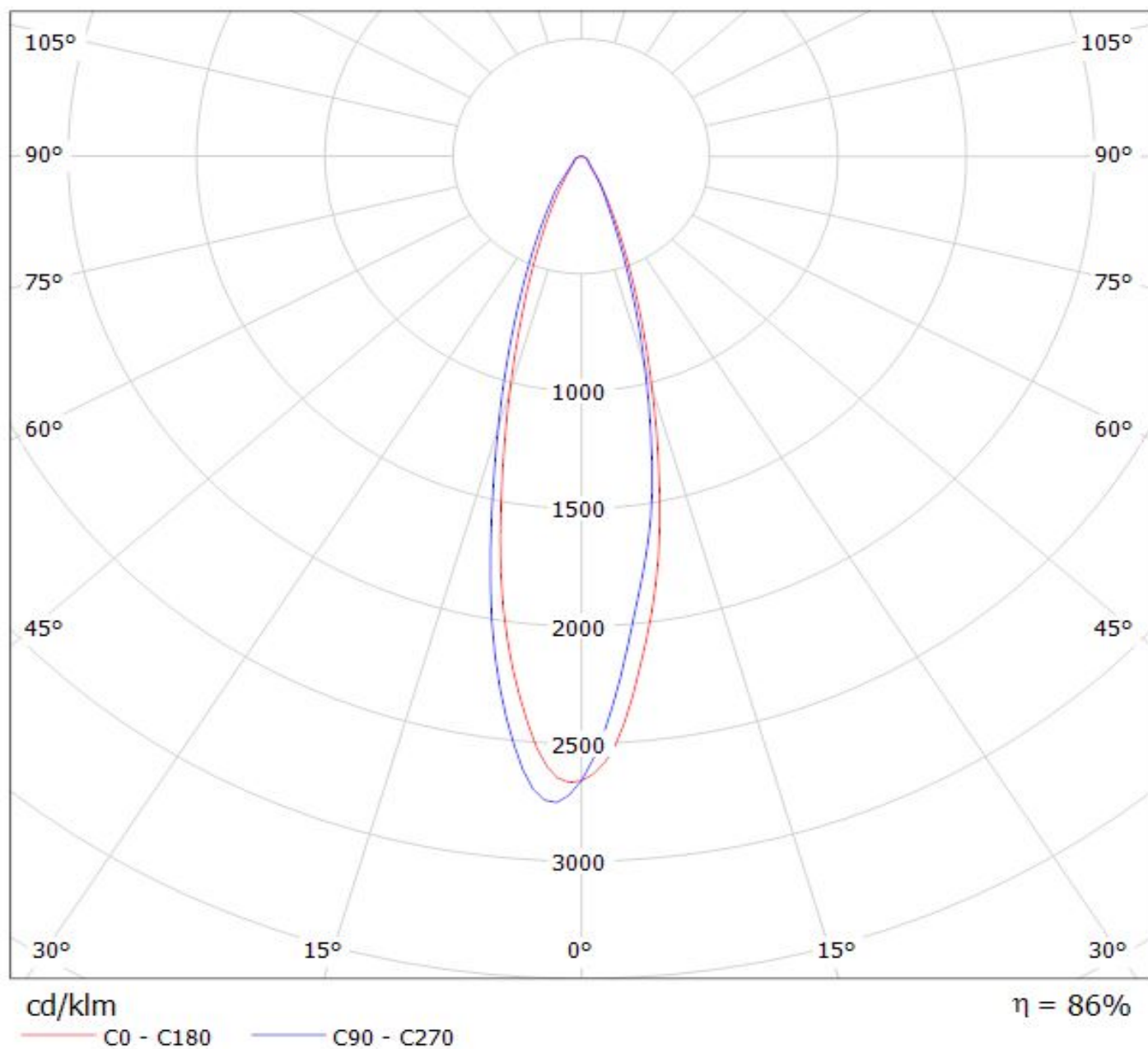


Luminaire: Ledil Oy CN14237_WINNIE-M_(LC040C)_(B+W_479_Typ_L5)_SIMULATED
Lamps: 1 x Samsung LC040C



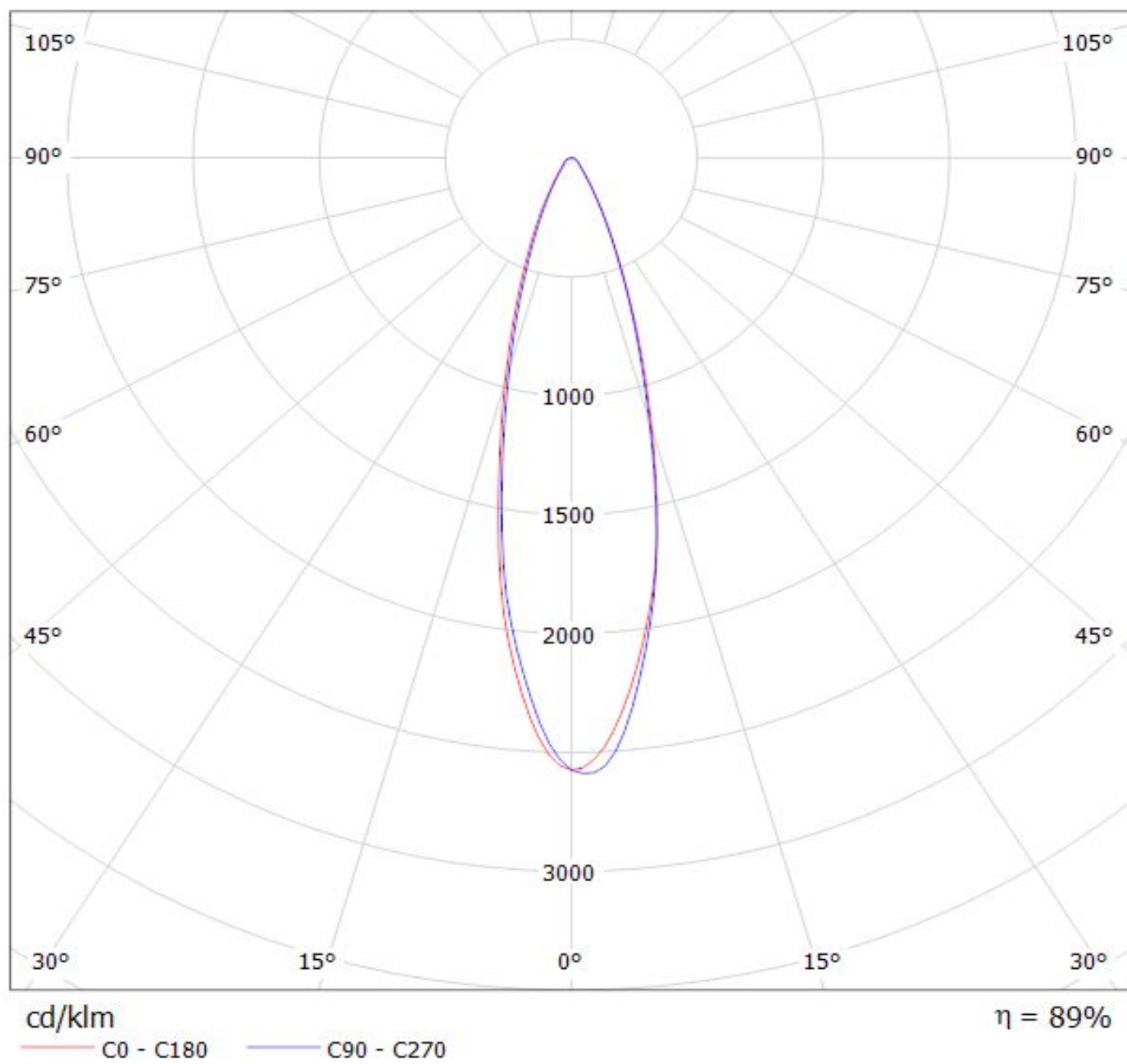
Luminaire: LEDiL Oy CN14237_WINNIE-M_(SLE-G5_LES-6)

Lamps: 1 x Tridonic_SLE-G5_LES-6_472.41lm@100mA_P=3.3763W_I=0.100A



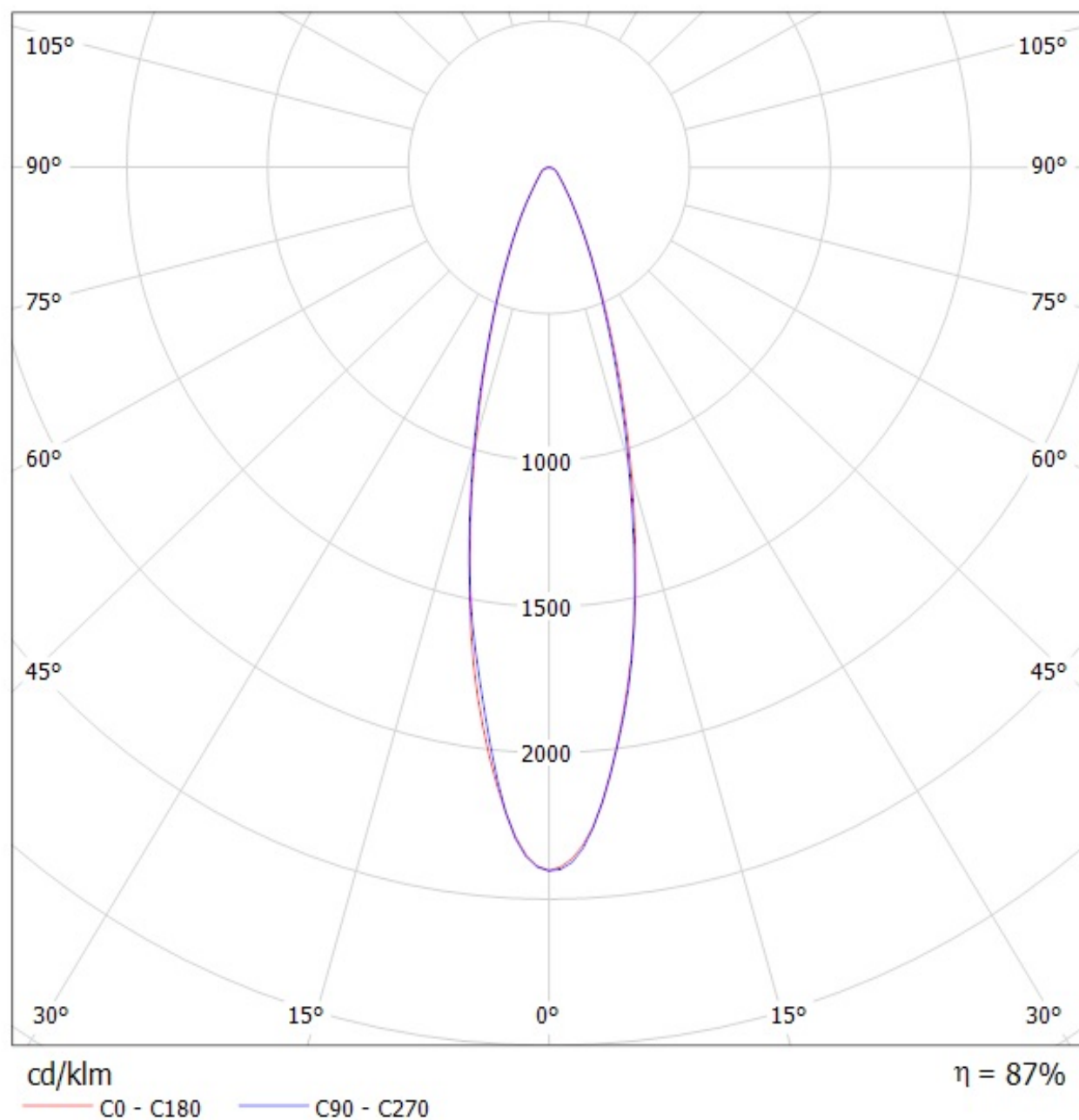
Luminaire: LEDiL Oy CN14237_WINNIE-M_(CLU700)

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



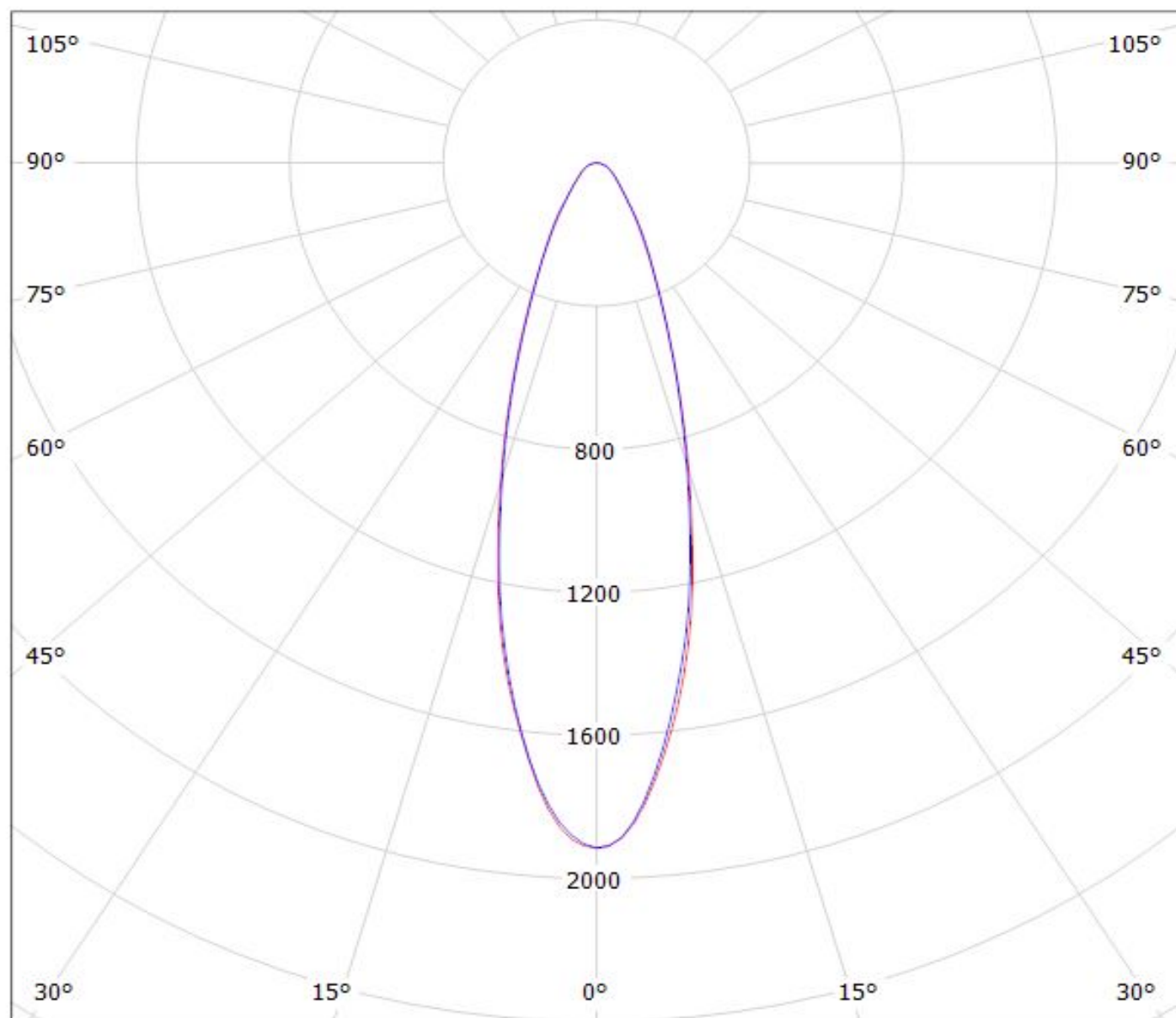
Luminaire: LEDiL Oy CN14237_WINNIE-M_(CLU700)_434-Typ-L5

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



Luminaire: Ledil CN14237_WINNIE-M_(MHD-G)

Lamps: 1 x Cree MHD-G_530.44lm@100mA_P=3.0W_I=0.100A



cd/klm

$\eta = 87\%$

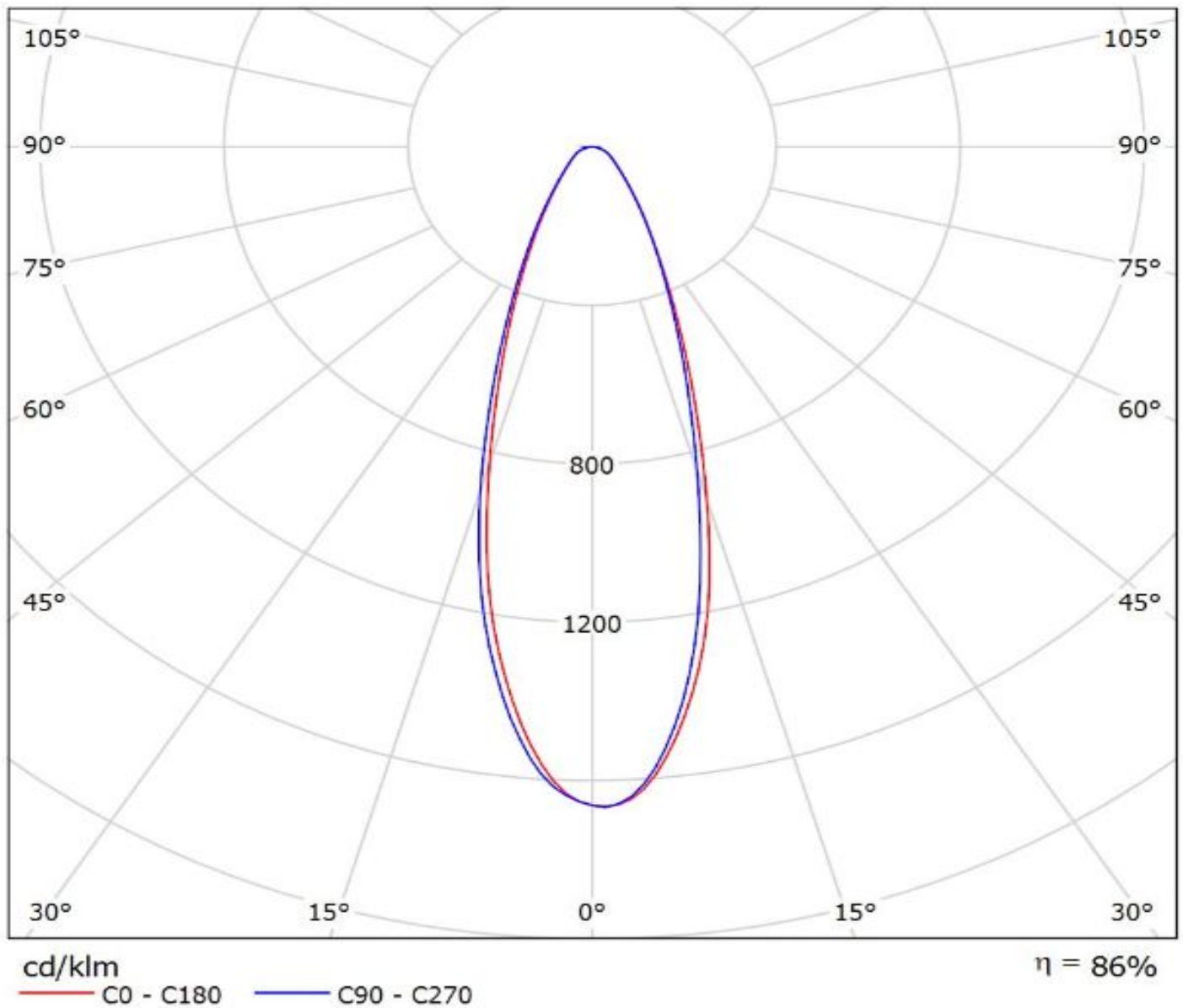
— C0 - C180

— C90 - C270

Ledil CN14237_WINNIE-M_(CLU710) / LDC (Polar)

Luminaire: Ledil CN14237_WINNIE-M_(CLU710)

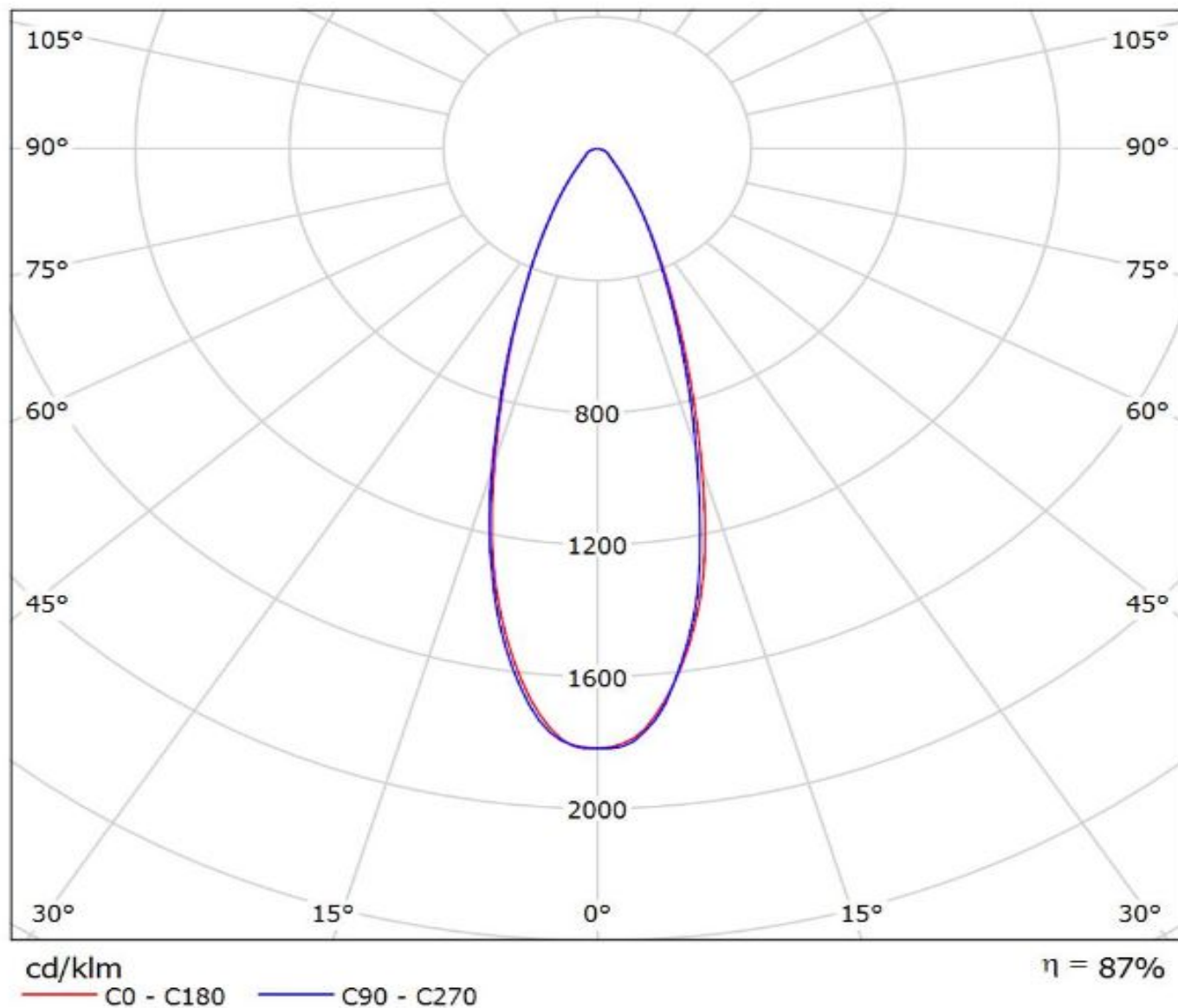
Lamps: 1 x CITIZEN_CLU710_(CLU710-1204B8-273M2G1)_1210.56lm@250mA_P=8.5W_I=0.25A



Ledil CN14237_WINNIE-M_(CLU710)_(470_Typ_L5) / LDC (Polar)

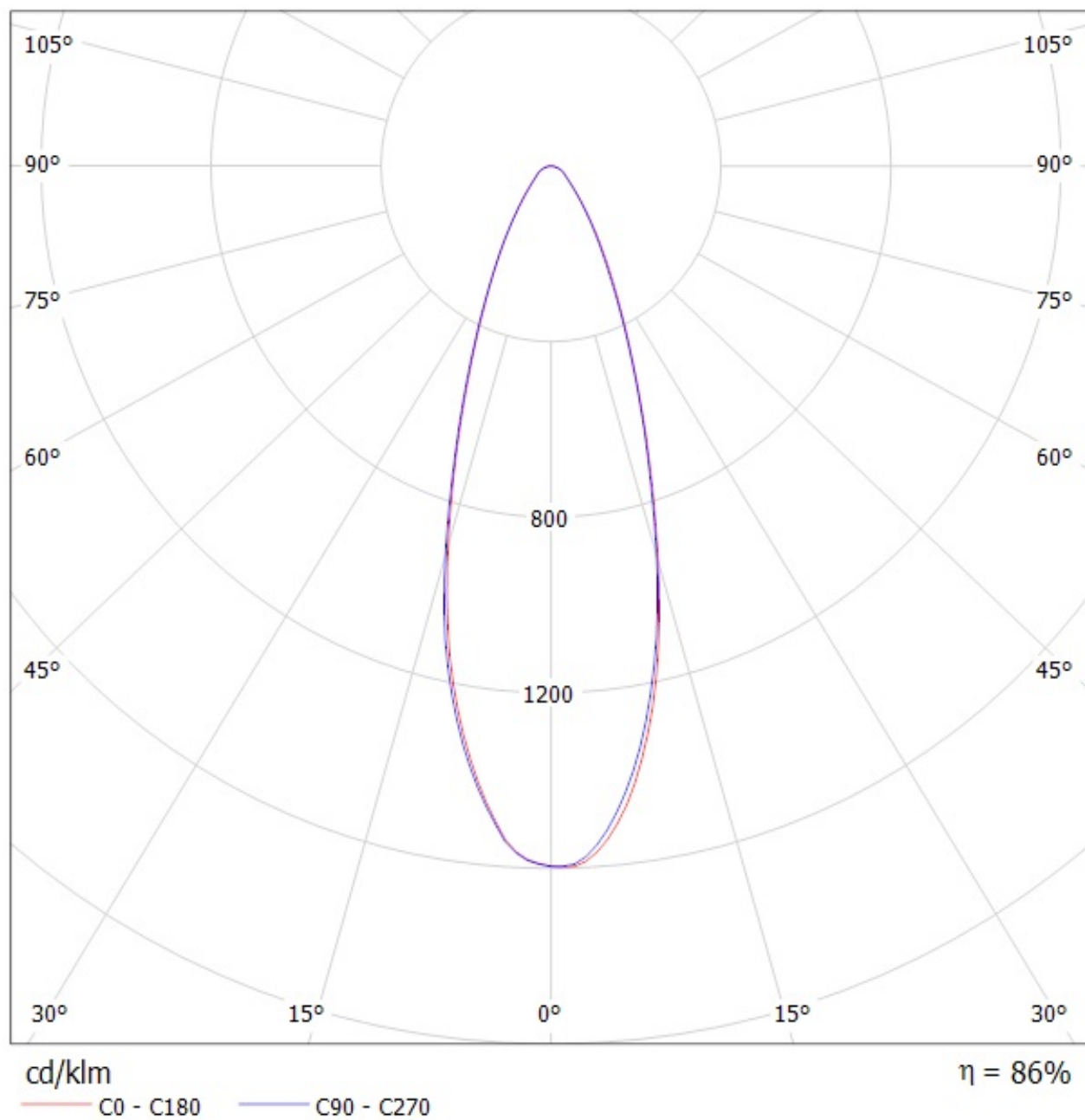
Luminaire: Ledil CN14237_WINNIE-M_(CLU710)_(470_Typ_L5)

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



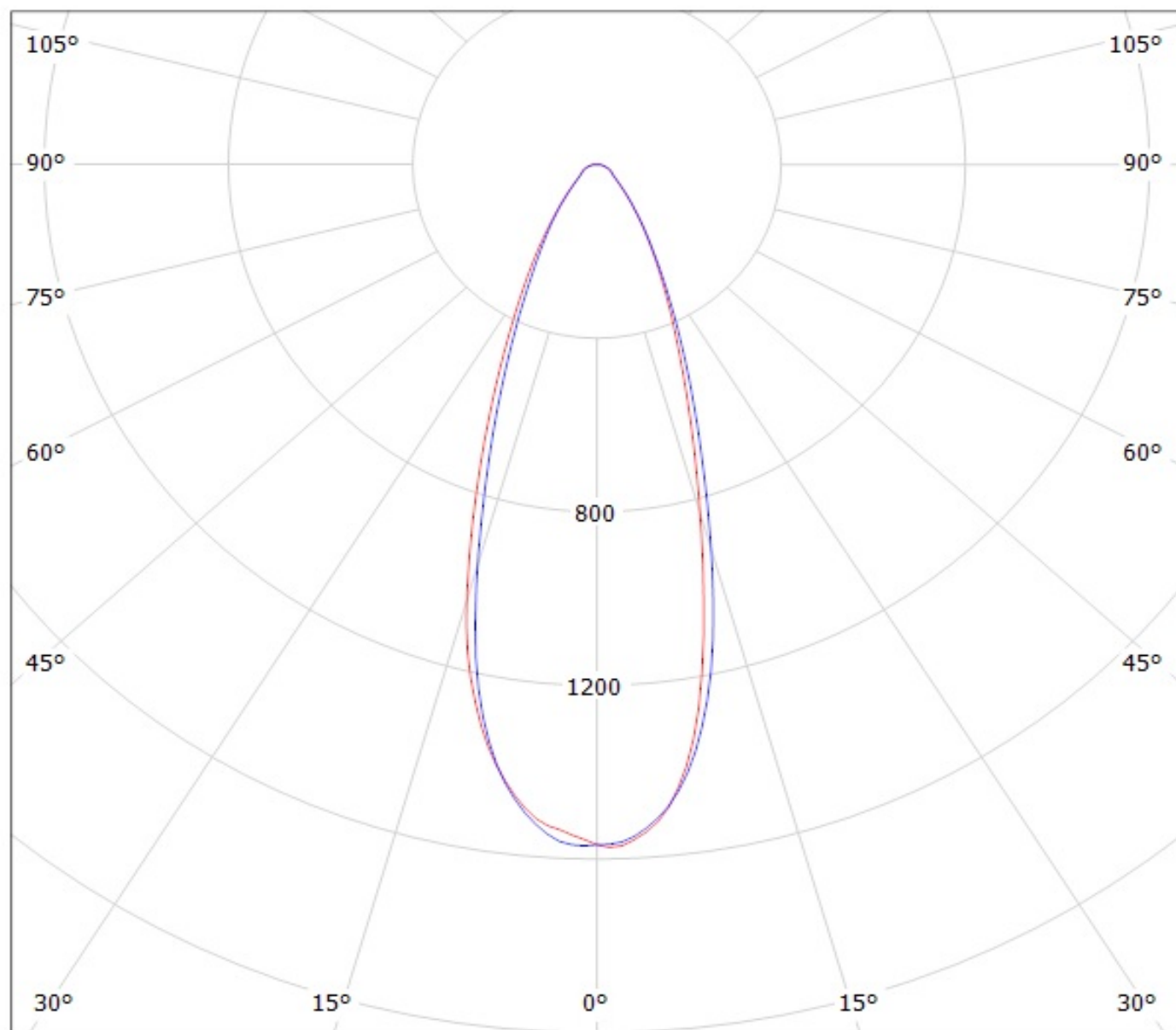
Luminaire: LEDiL Oy CN14237_WINNIE-M_(CLU024)_434-Typ-L5

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



Luminaire: LEDiL Oy CN14237_WINNIE-M_(VERO10)

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



cd/klm

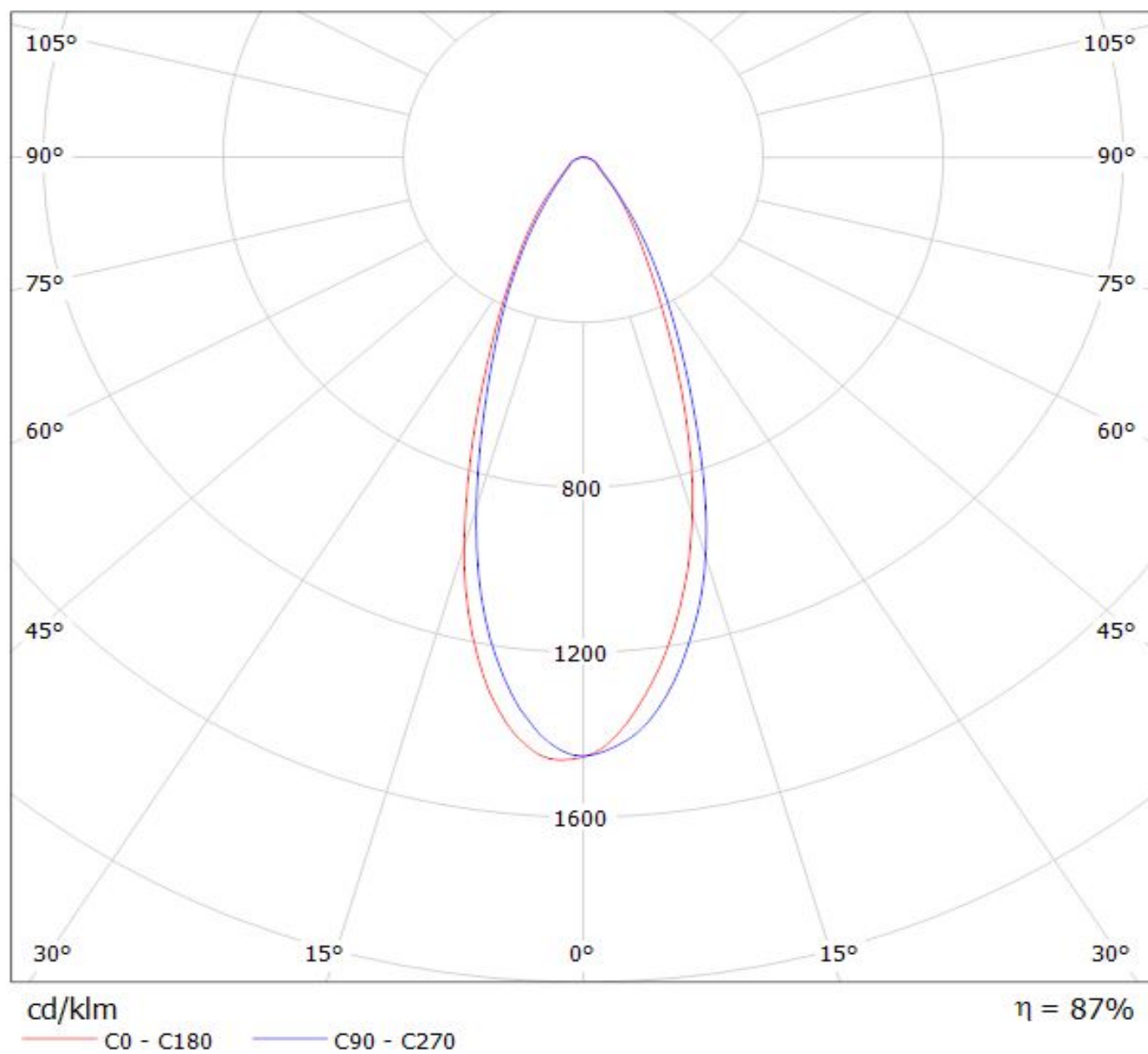
$\eta = 89\%$

C0 - C180

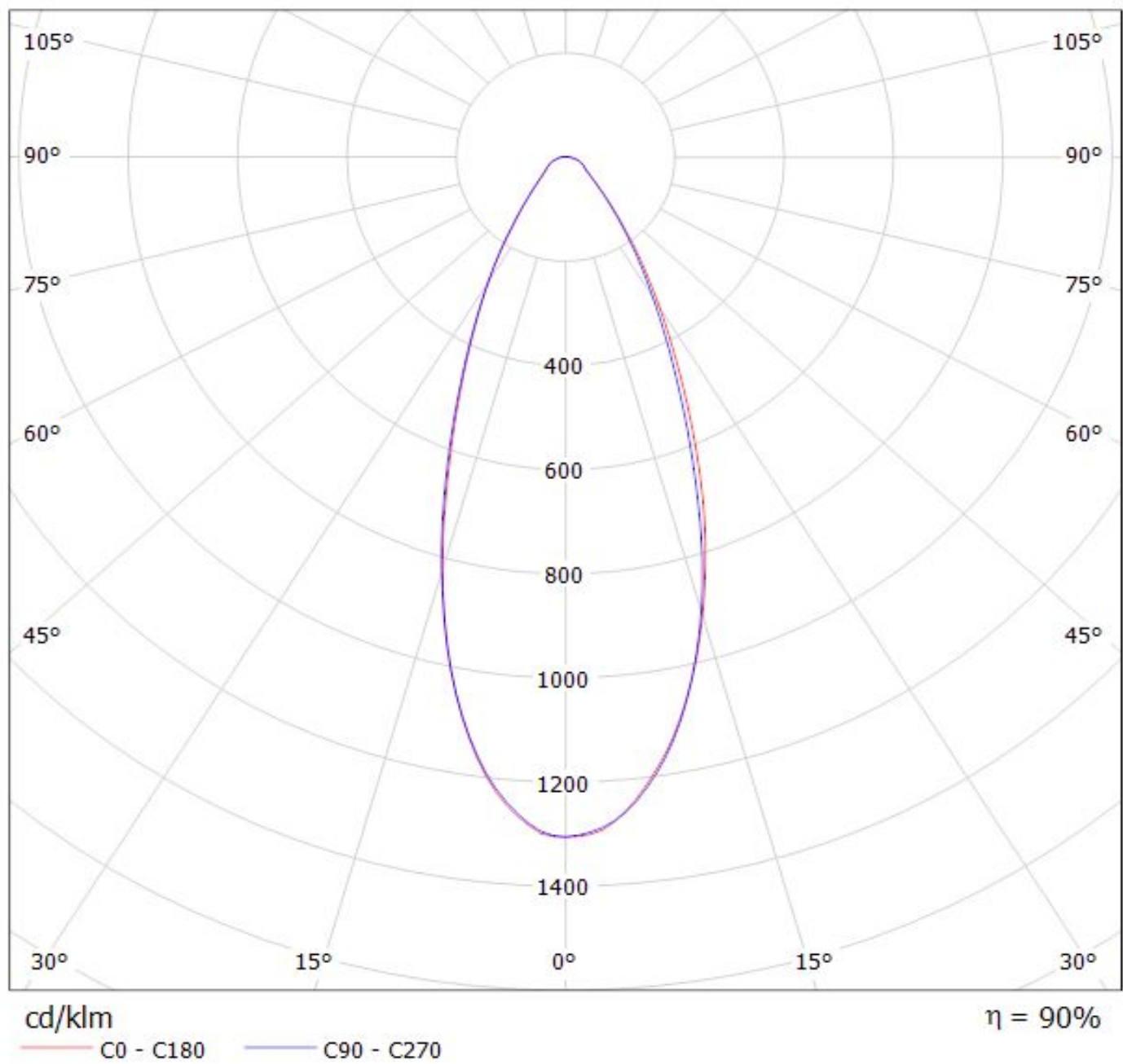
C90 - C270

Luminaire: LEDiL Oy CN14237_WINNIE-M_(SLE-G5_LES-11)

Lamps: 1 x Tridonic_SLE-G5_LES-15_1138.42lm@250mA_P=8.4110W_I=0.250A

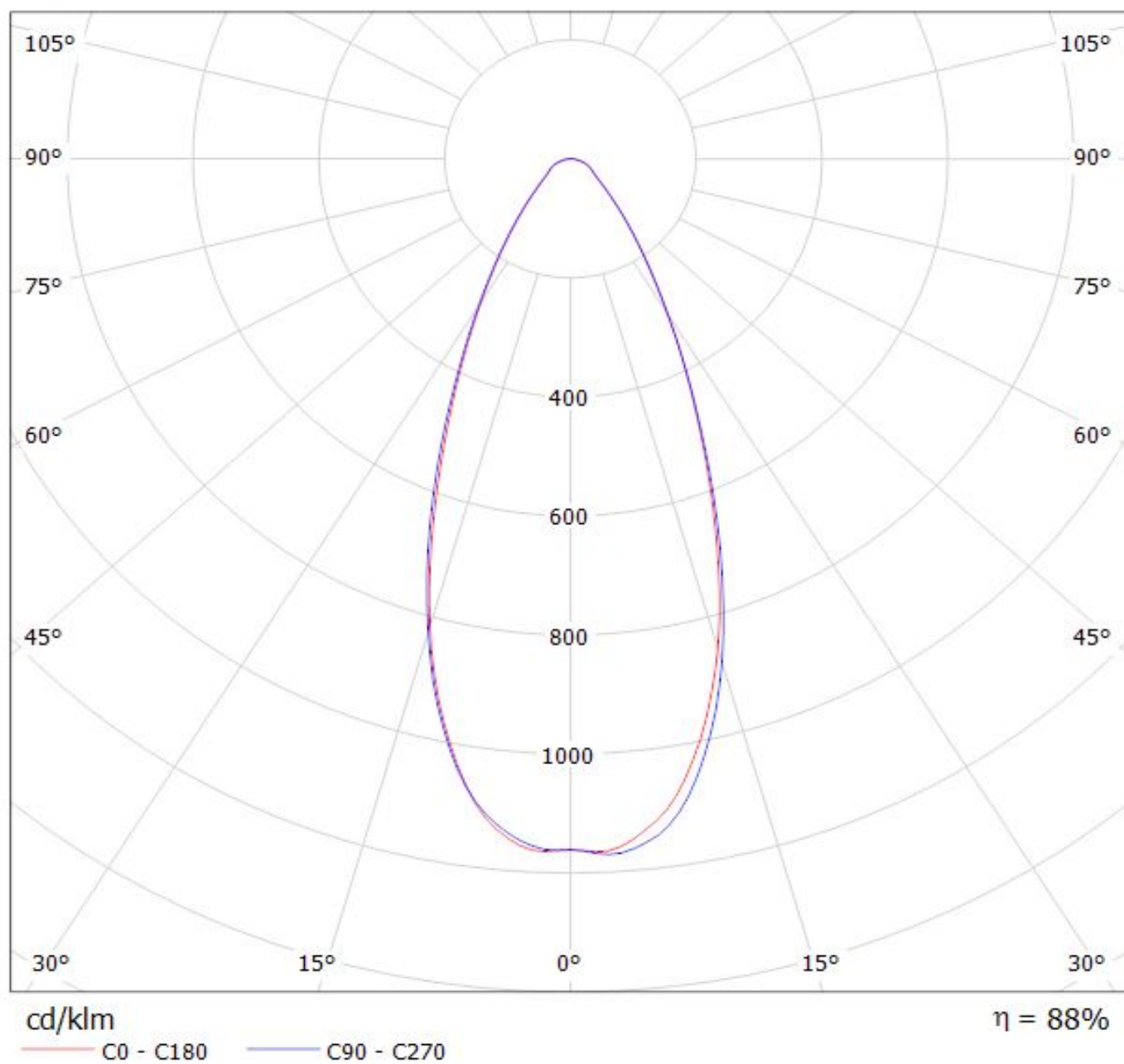


Luminaire: LEDiL Oy CN14237_WINNIE-M_(CITIZEN_CLU720)
Lamps: 1 x CITIZEN_CLU720_(433 Typ L5)_1198.27lm@250mA_P=8.30318W_I=0.25A



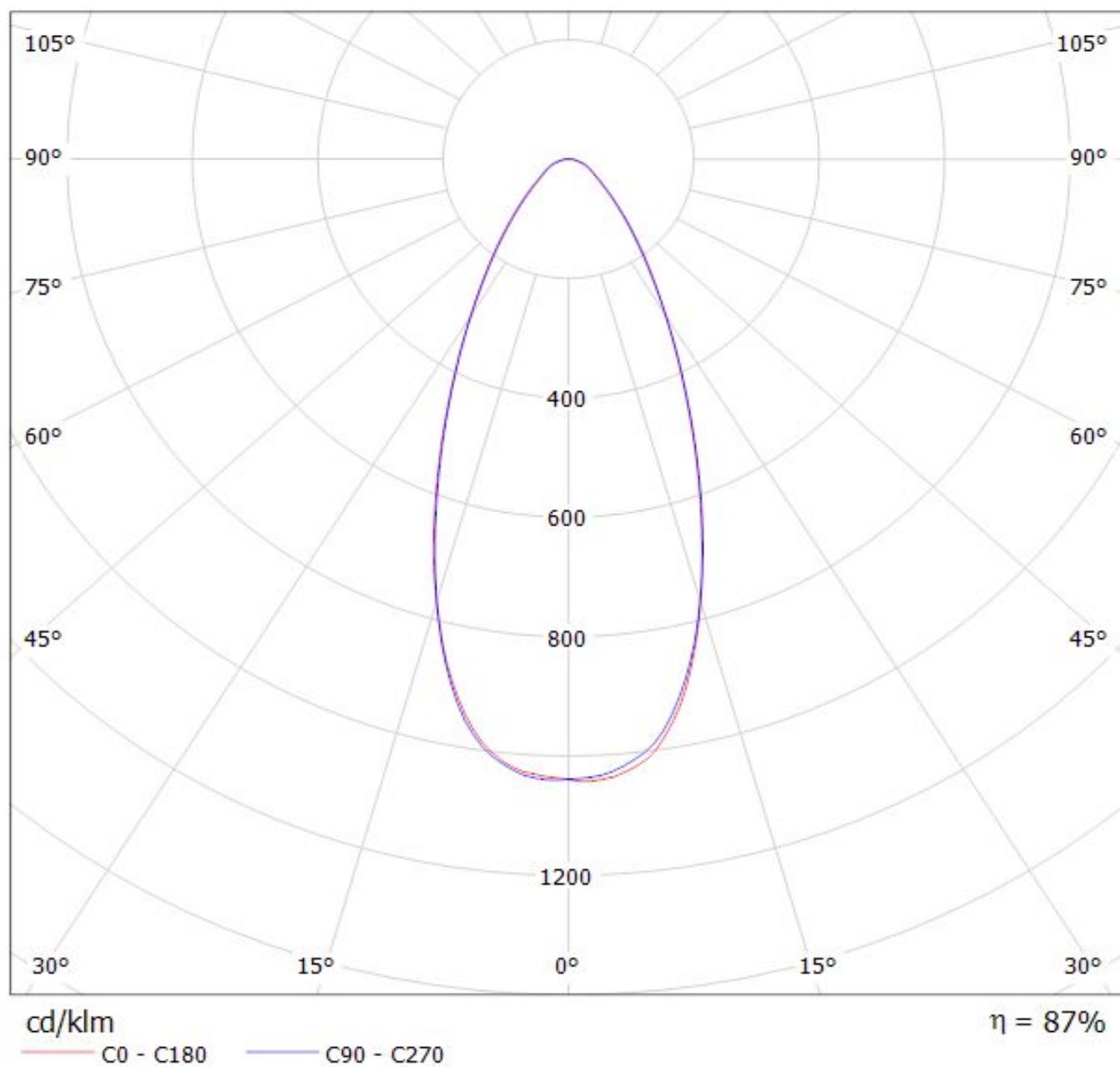
Luminaire: LEDiL Oy CN14237_WINNIE-M_(DMC125)

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



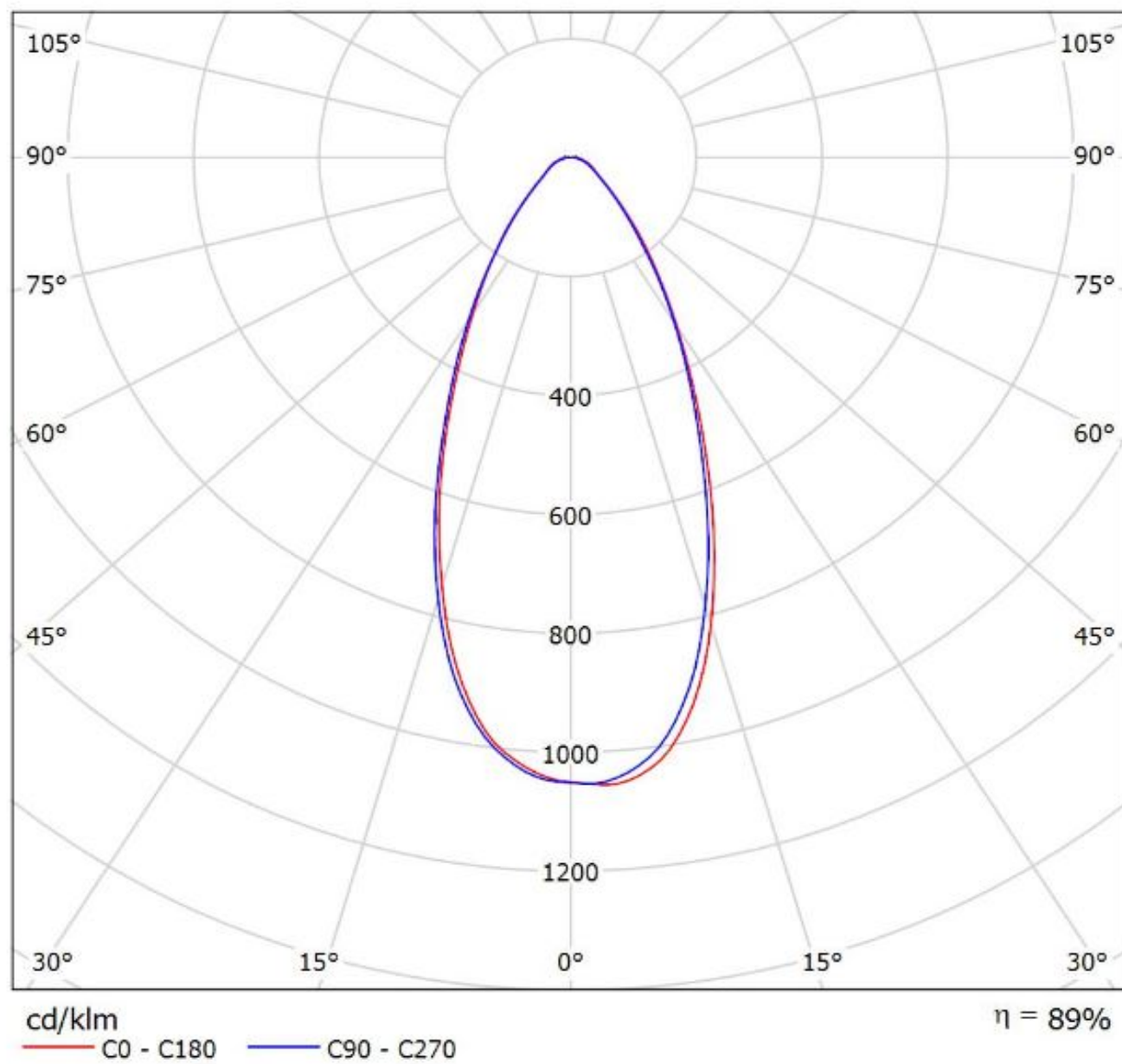
Luminaire: LEDiL Oy CN14237_WINNIE-M_(ZC12)

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



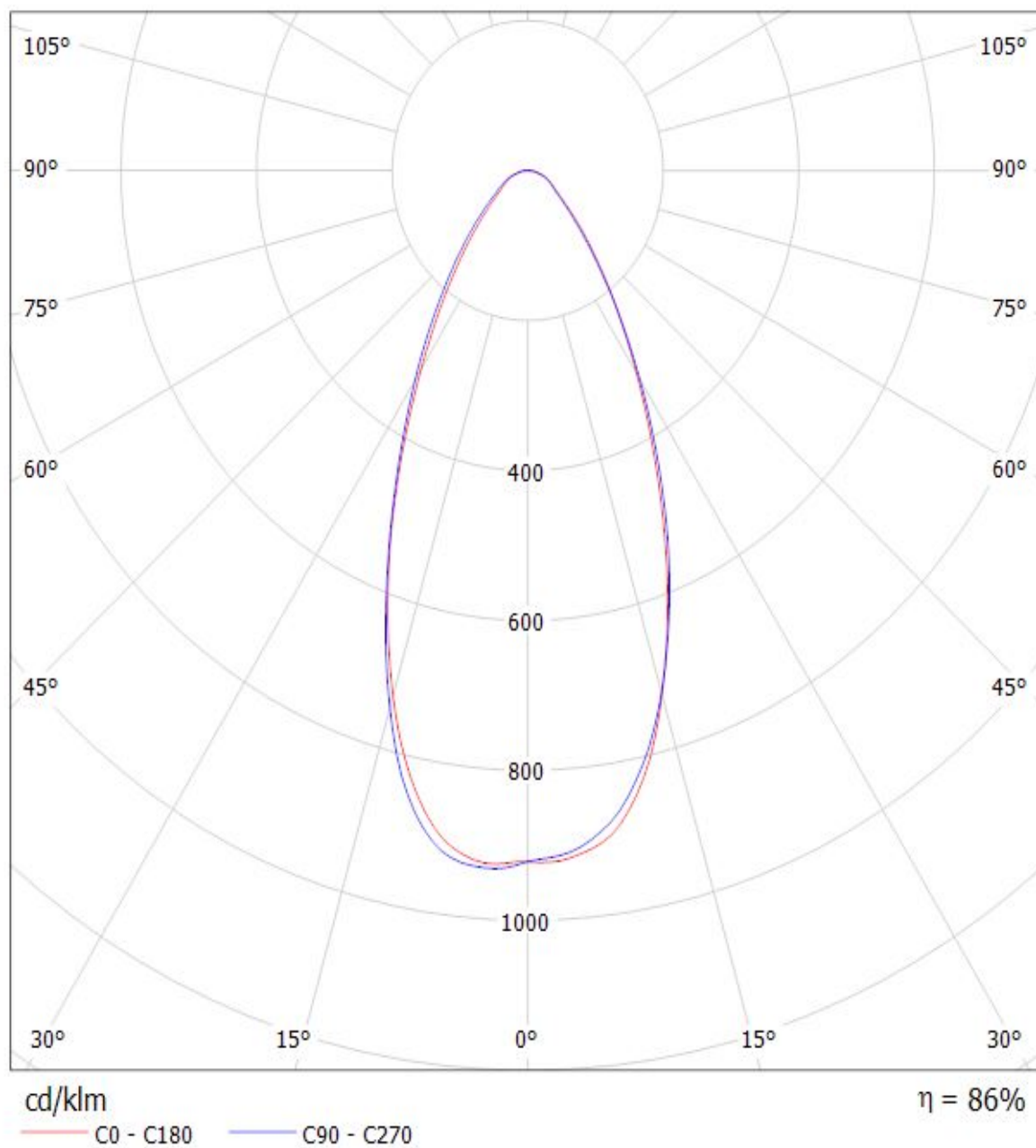
Luminaire: LEDiL Oy CN14237_WINNIE-M_(SLE-G5_LES-15)

Lamps: 1 x Tridonic_SLE-G5_LES-15_1267.45lm@250mA_P=8.6695W_I=0.250A



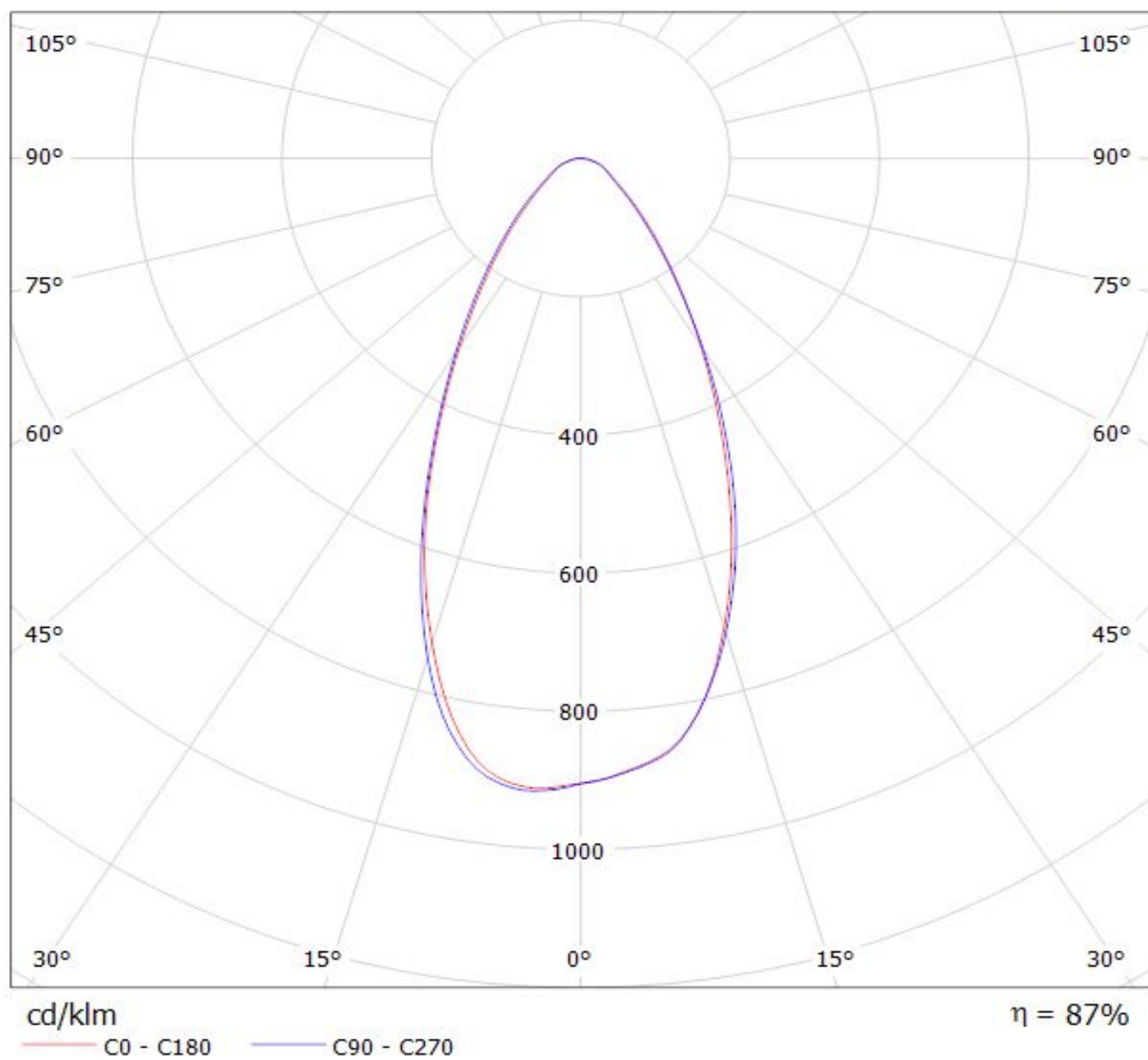
Luminaire: LEDiL Oy CN14237_WINNIE-M_(CLU034)

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



Luminaire: LEDiL Oy CN14237_WINNIE-M_(DMC128)

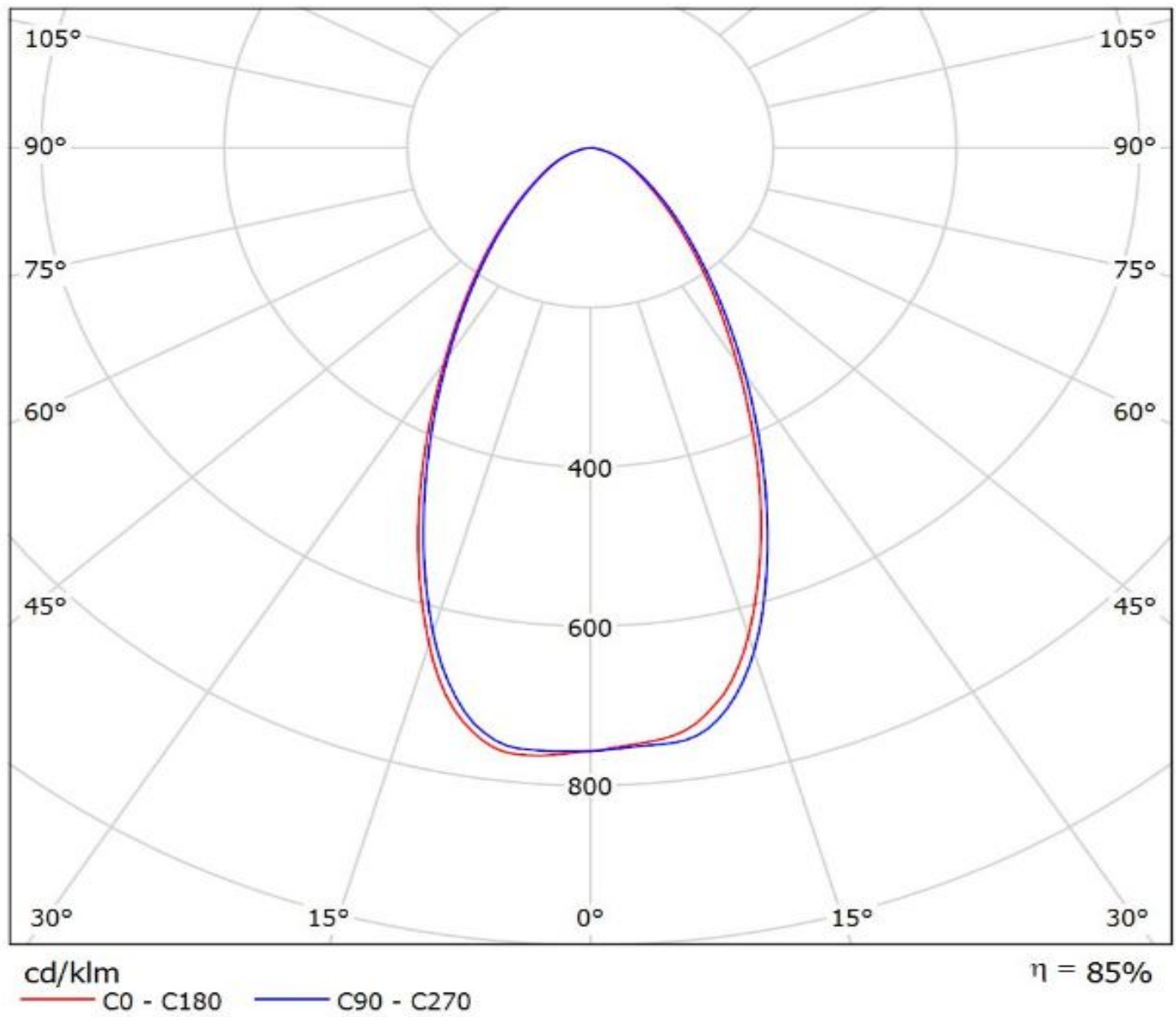
Lamps: 1 x DMC128+433_TYP_L5_825.549lm@250mA_P=8.28162W_I=250mA



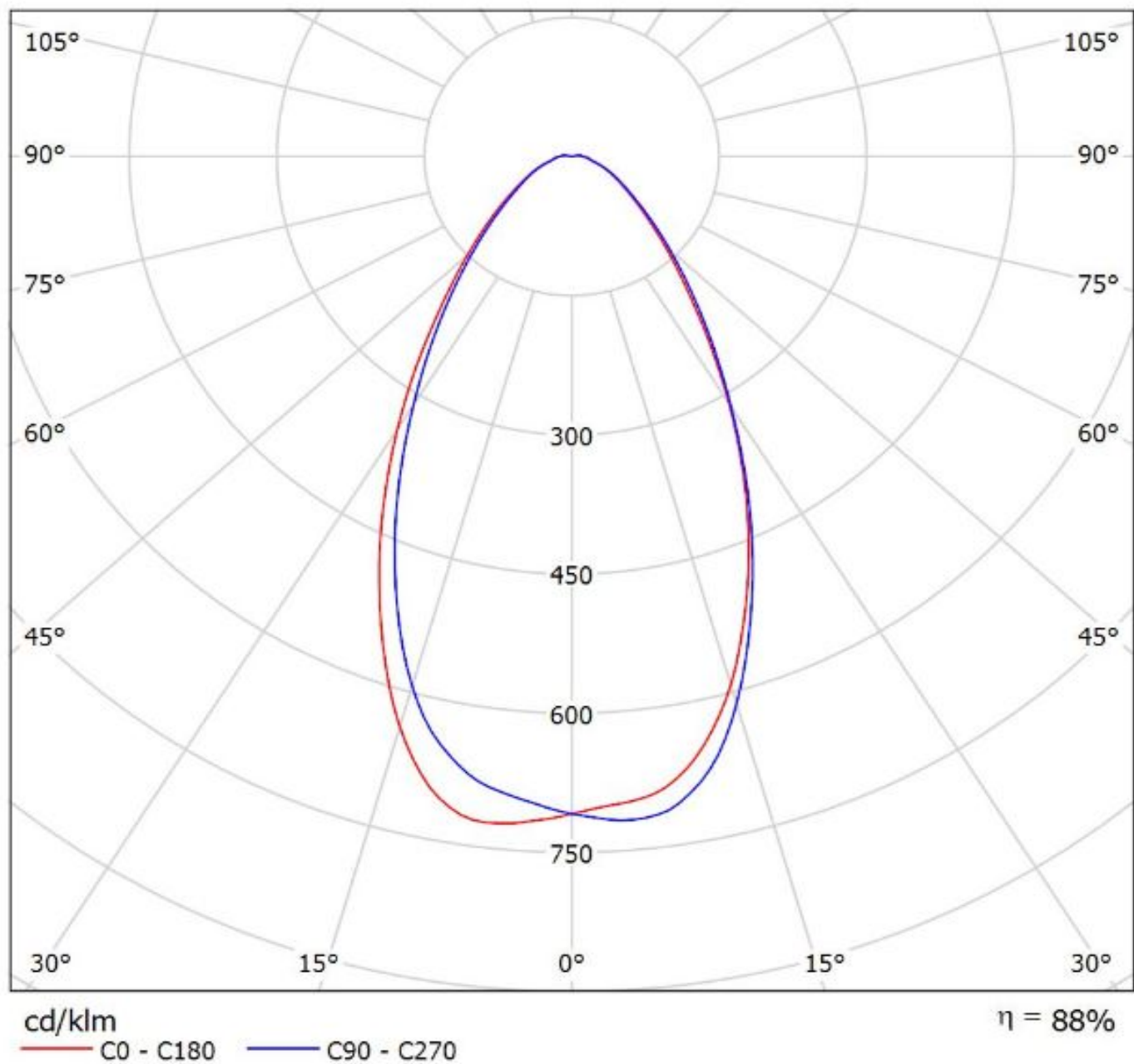
Ledil CN14237_WINNIE-M_(CXA2520) / LDC (Polar)

Luminaire: Ledil CN14237_WINNIE-M_(CXA2520)

Lamps: 1 x CREE_CXA2520_(2520-7A-N4-N0U)_902.096lm@250mA_CCT=3000K_P=8.56W_I=0.25A



Luminaire: Ledil CN14237_WINNIE-M_(V18)
Lamps: 1 x Bridgelux_V18_(BXRC-30E4000-F-23)_1084.28lm@250mA_P=6.8355W_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.