

## DETAILS

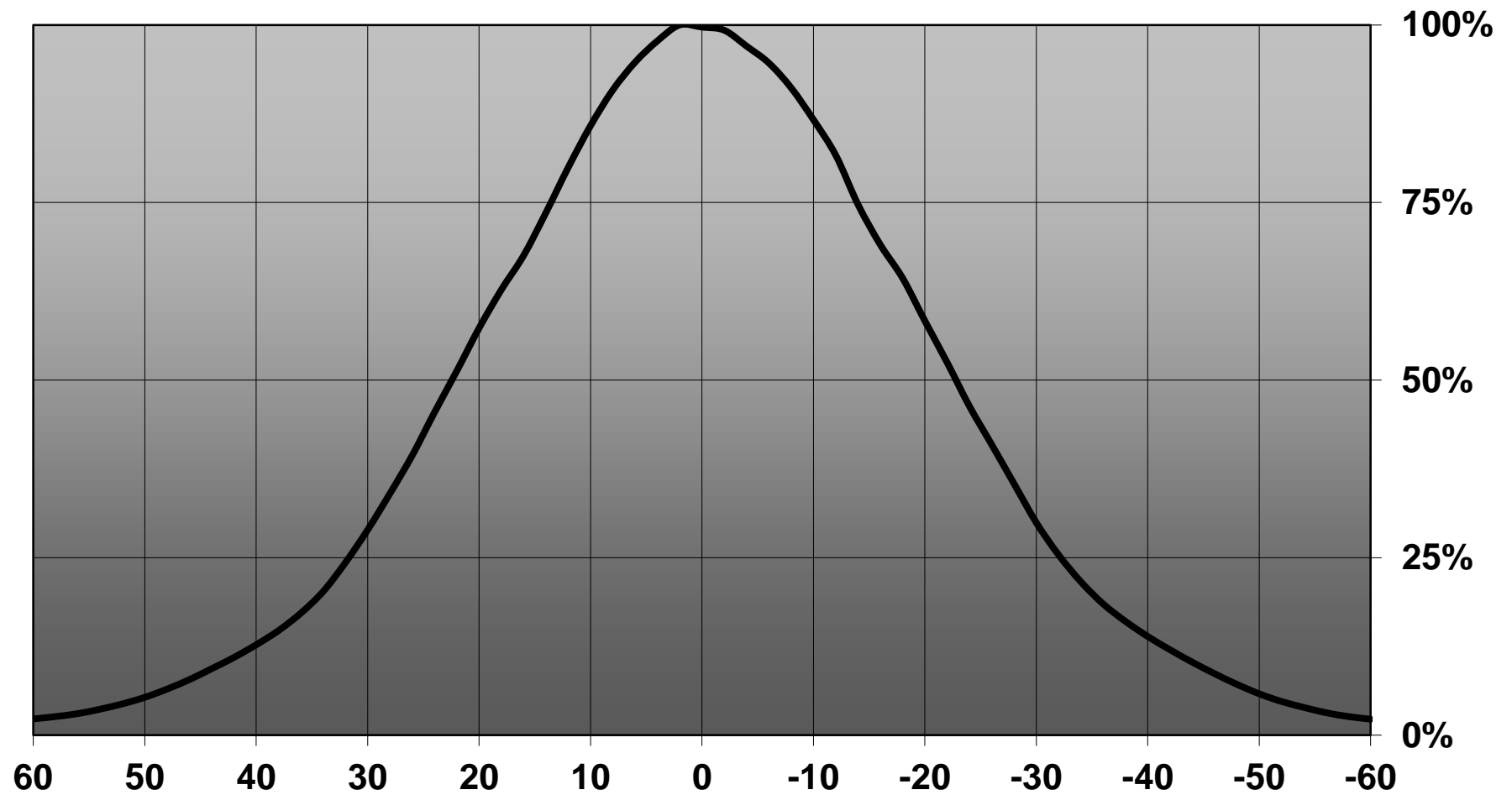
<b>Product Number</b>	CN14238_WINNIE-W
<b>Family</b>	Winnie
<b>Type</b>	Assembly
<b>Color</b>	white
<b>Diameter</b>	49,8 mm
<b>Height</b>	19,3 mm
<b>Style</b>	round
<b>Optic Material</b>	PMMA
<b>Holder Material</b>	PC
<b>Fastening</b>	screw
<b>Status</b>	production ready
<b>ROHS Compliant</b>	Yes
<b>Date Updated</b>	18/03/2015



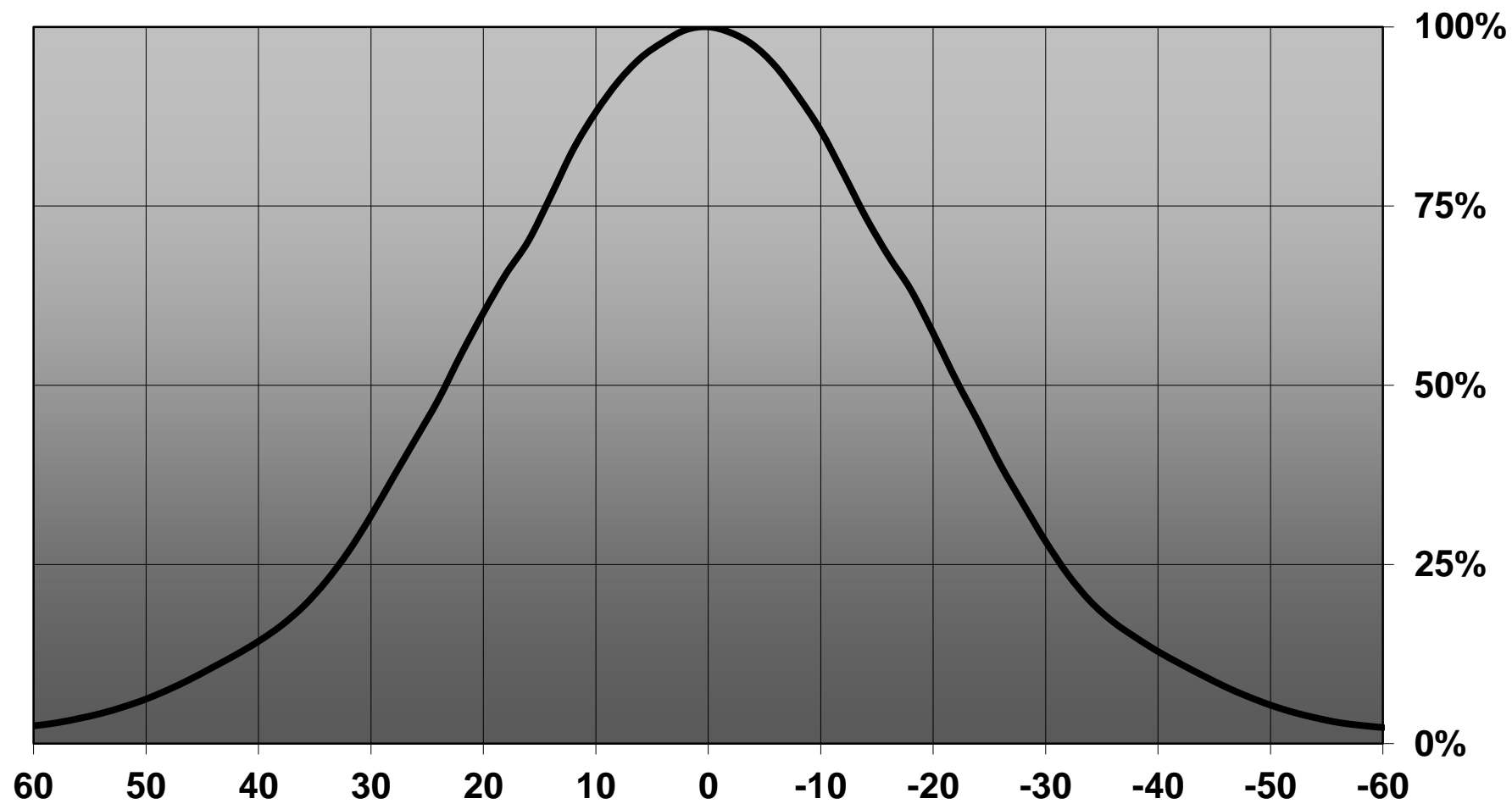
## OPTICAL PROPERTIES

LED	Viewing	Light	Effi-		
	Angle	Beam	ciency	cd/lm	Connector
CXM-14	sim: 48	Wide	sim: 88 %	sim: 1.000	Bender Wirth: 433 Typ L5
CXM-9	sim: 46	Wide	sim: 87 %	sim: 1.100	Bender Wirth: 434 Typ L5
ZC4/6	sim: 46	Wide	sim: 87 %	sim: 1.100	Bender Wirth: 434 Typ L5
LUXEON CoB 105/107/109	sim: 46	Wide	sim: 89 %	sim: 1.300	-
Soleriq S9	sim: 45	Wide	sim: 90 %	sim: 1.200	-
LC010C	sim: 45	Wide	sim: 91 %	sim: 1.200	Bender Wirth: 479 Typ L5
LC020C	sim: 45	Wide	sim: 89 %	sim: 1.200	Bender Wirth: 479 Typ L5
LC040C	sim: 45	Wide	sim: 88 %	sim: 1.200	Bender Wirth: 479 Typ L5
SLE G5 LES11	41 deg	Wide	86 %	1.400	-
CLU700	42 deg	Wide	88 %	1.300	Bender Wirth: 434 Typ L5
CLU700	42 deg	Wide	88 %	1.300	-
SLE G5 LES6	43 deg	Wide	88 %	1.300	-
CLL01x	45 deg	Wide	87 %	1.200	-
MHD-E/G	45 deg	Wide	88 %	1.100	-
DMC 125	45 deg	Wide	89 %	1.200	Bender Wirth: 433 Typ L5
CLU720	45 deg	Wide	87 %	1.200	Bender Wirth: 433 Typ L5
CLU710	45 deg	Wide	88 %	1.200	Bender Wirth: 470 Typ L5
LUXEON CoB 1202s	46 deg	Wide	89 %	1.300	-
CLL02x/CLU02x (LES10)	46 deg	Wide	87 %	1.600	-
Soleriq P6	46 deg	Wide	88 %	1.200	-
CLL02x/CLU02x (LES10)	46 deg	Wide	87 %	1.100	Bender Wirth: 434 Typ L5
V6	47 deg	Wide	87 %	1.200	-
CLU710	47 deg	Wide	87 %	1.000	-
SLE G5 LES15	47 deg	Wide	89 %	1.100	Bender Wirth: 433 Typ L5
LUXEON CoB 1202/1203	48 deg	Wide	88 %	1.100	-

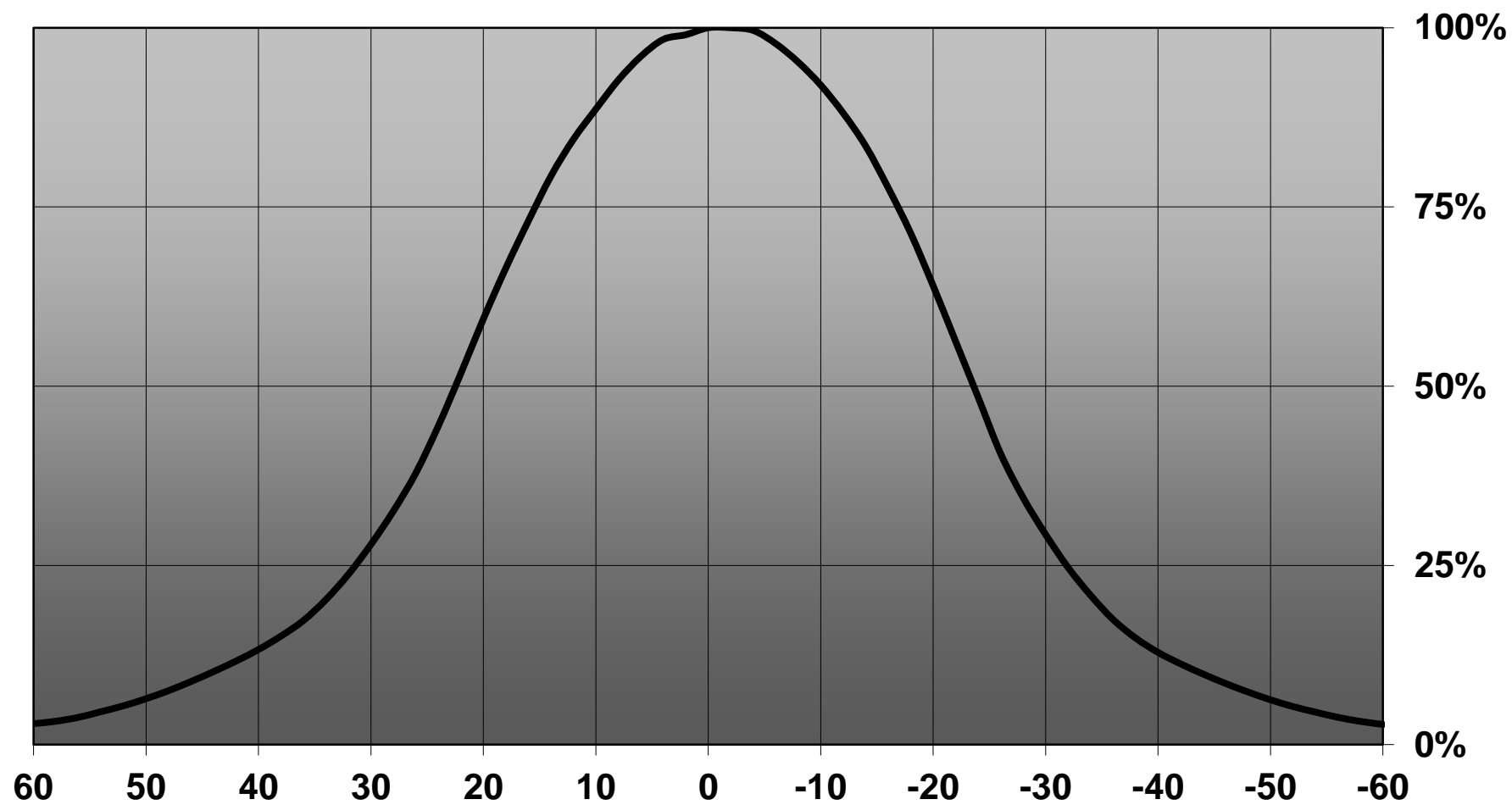
Relative intensity of CN14238\_WINNIE-W\_(CLL010)



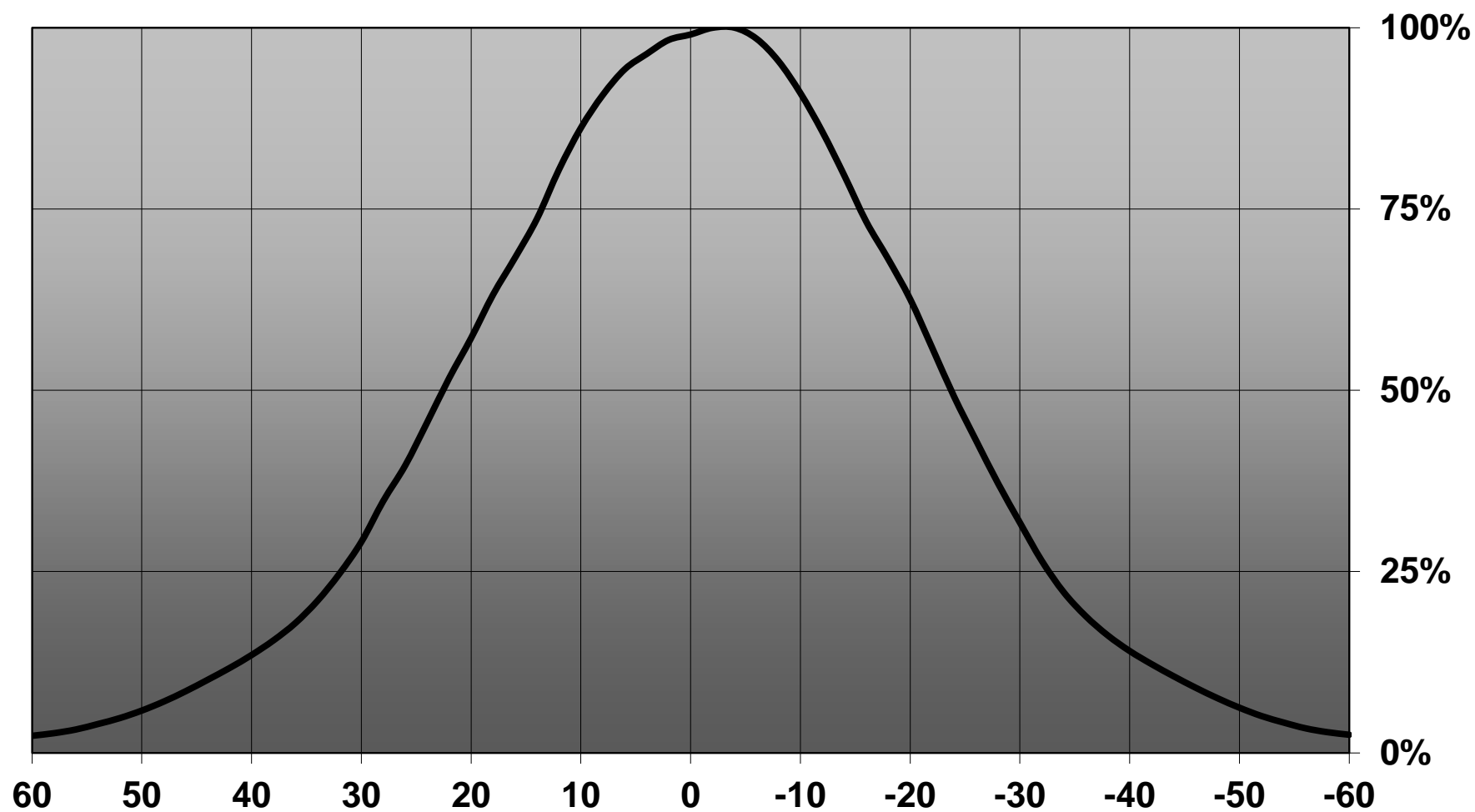
Relative intensity of CN14238\_WINNIE-W\_(CoB\_1202s)



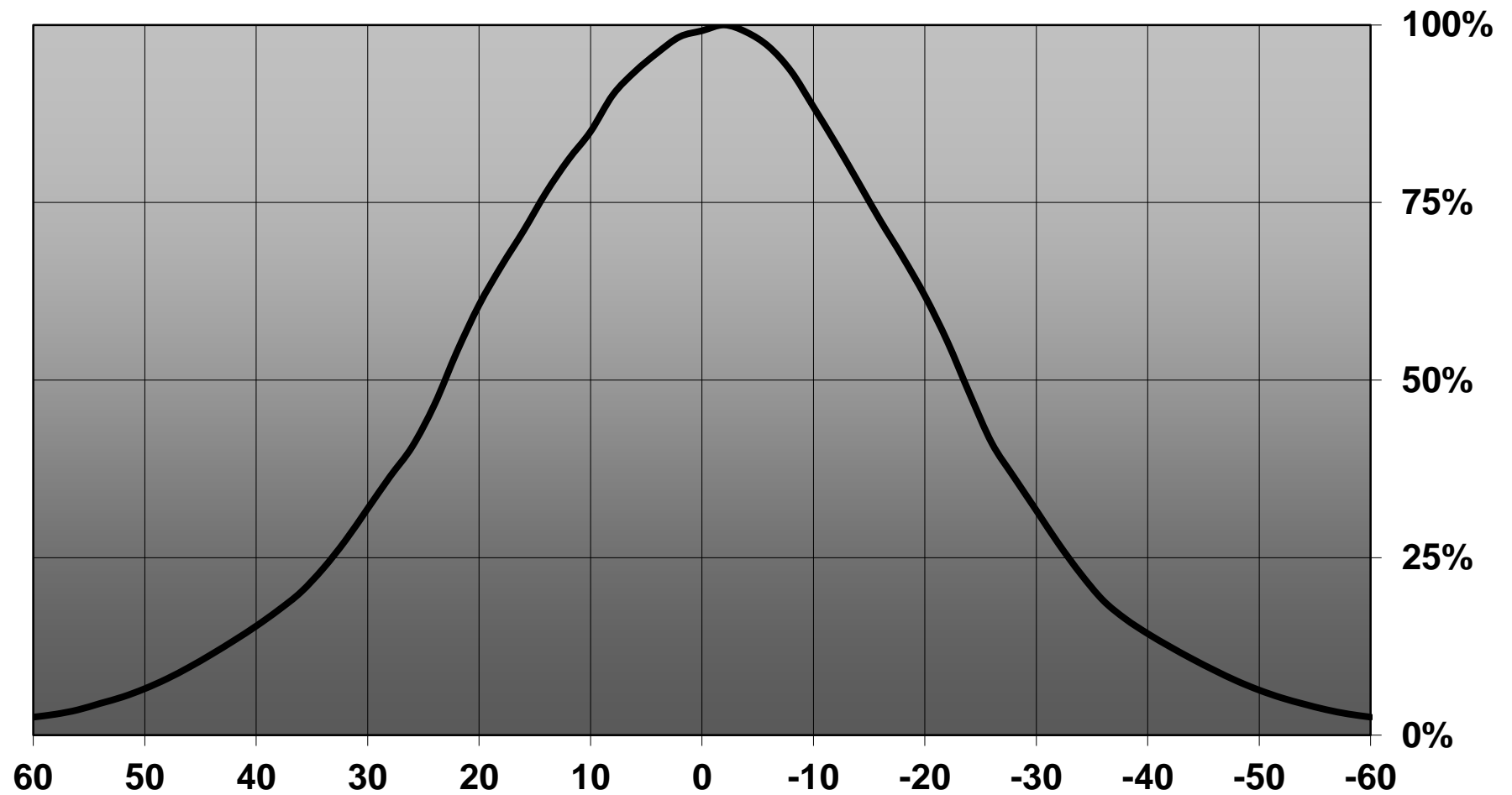
Relative intensity of CN14238\_WINNIE-W\_(CLL020)



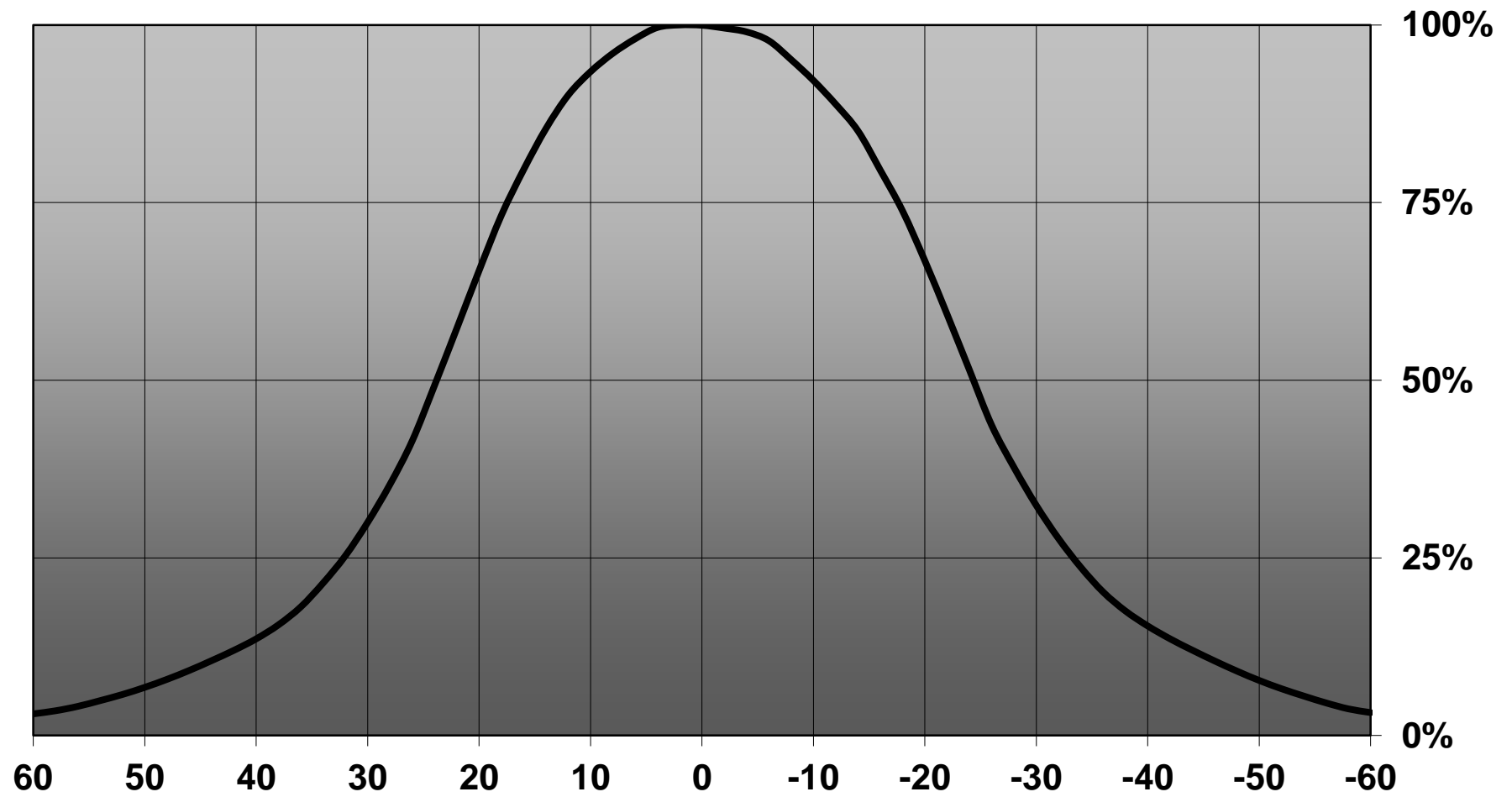
Relative intensity of CN14238\_WINNIE-W\_(Soleriq\_P6)



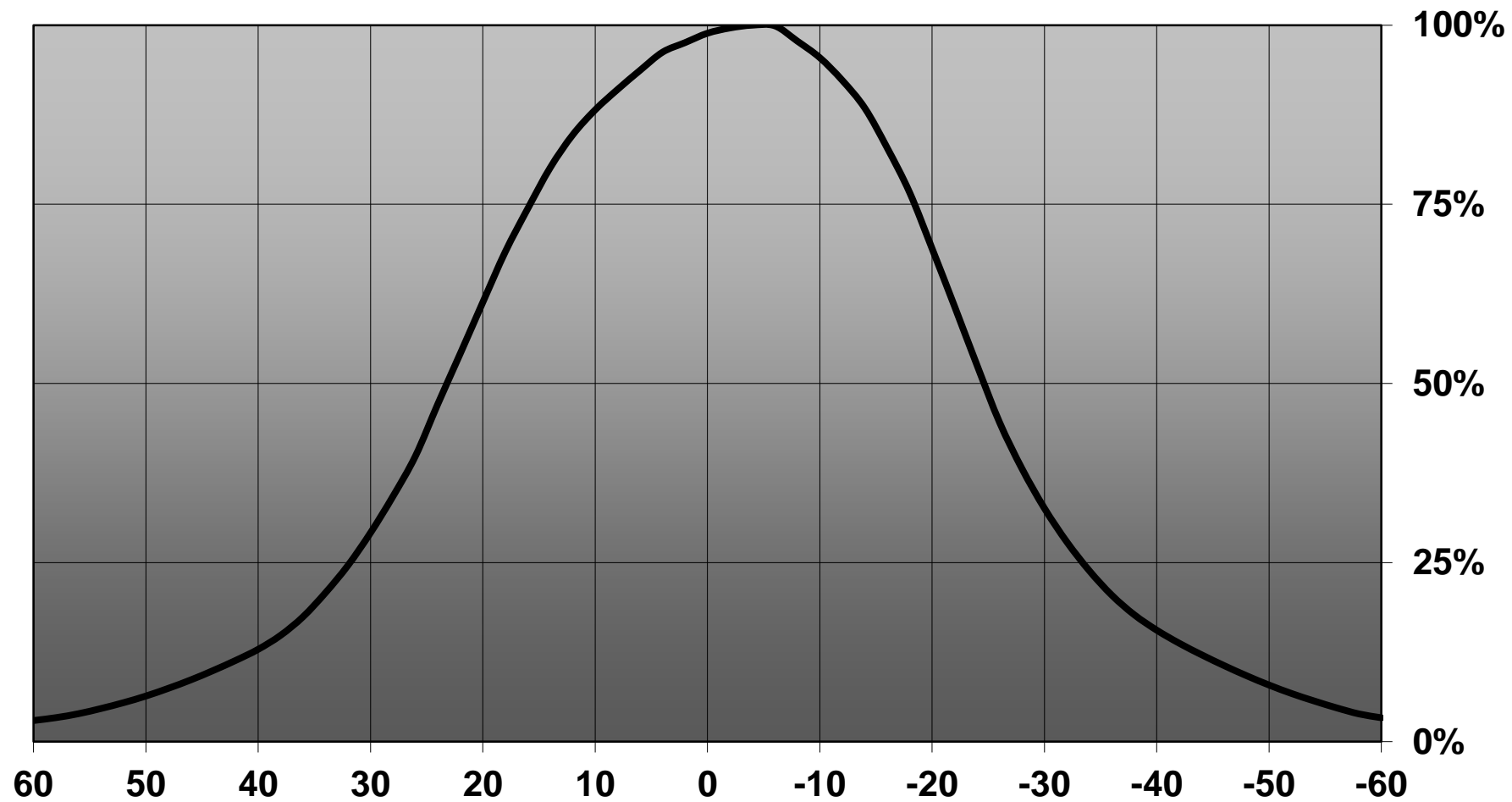
Relative intensity of CN14238\_WINNIE-W\_(V6)



Relative intensity of CN14238\_WINNIE-W\_(COB\_1203)

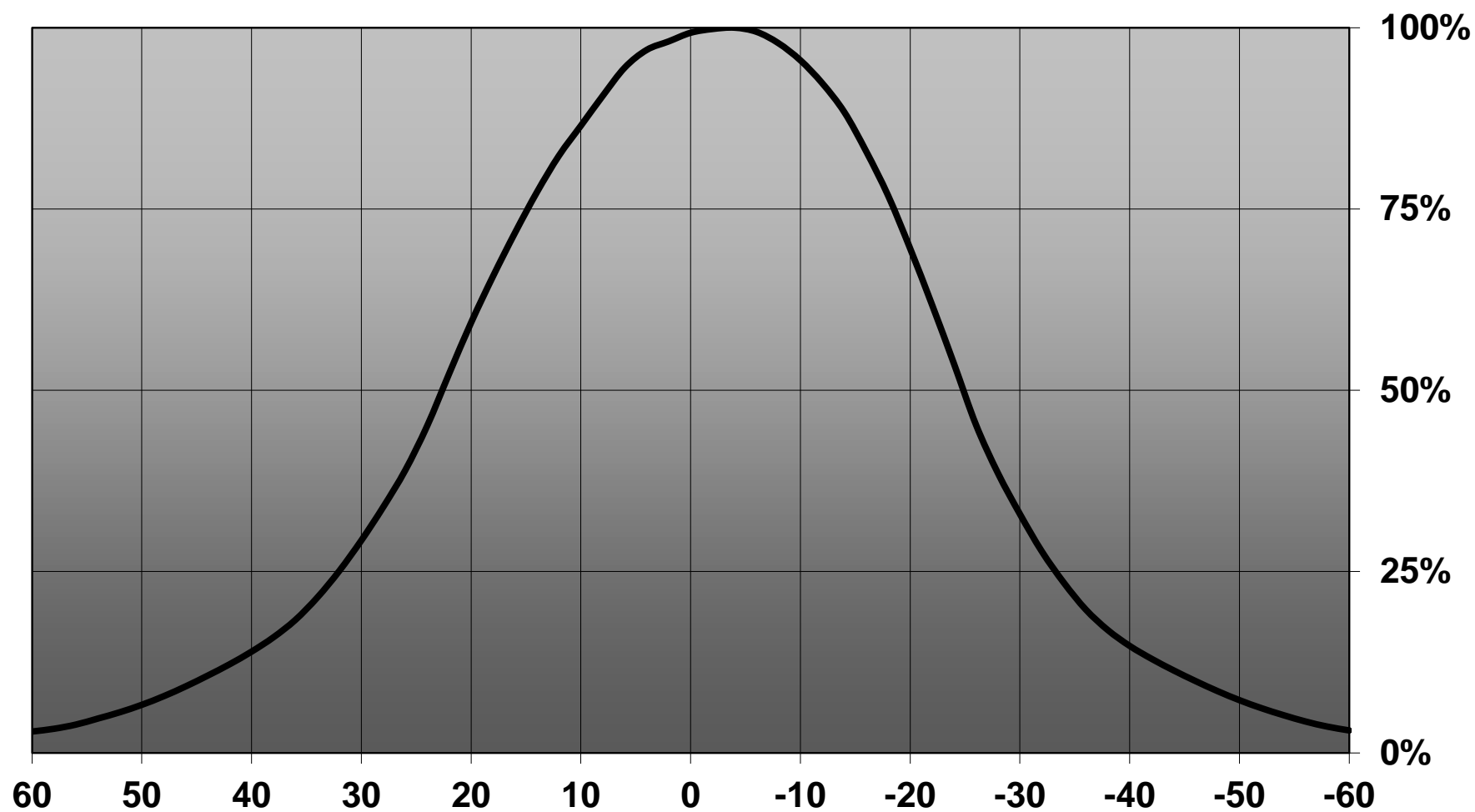


**Relative intensity of CN14238\_WINNIE-W\_(CXM-9)**

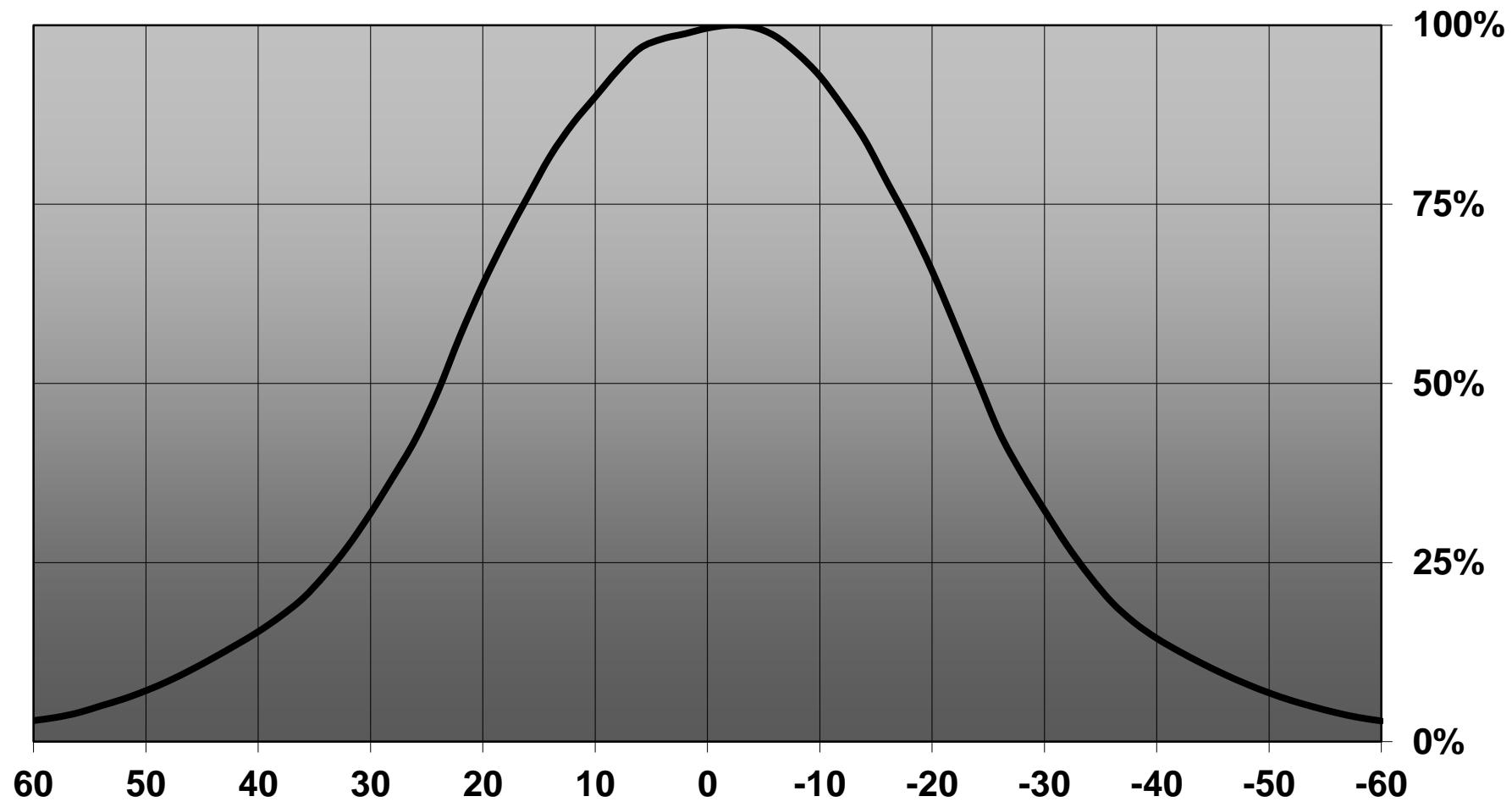




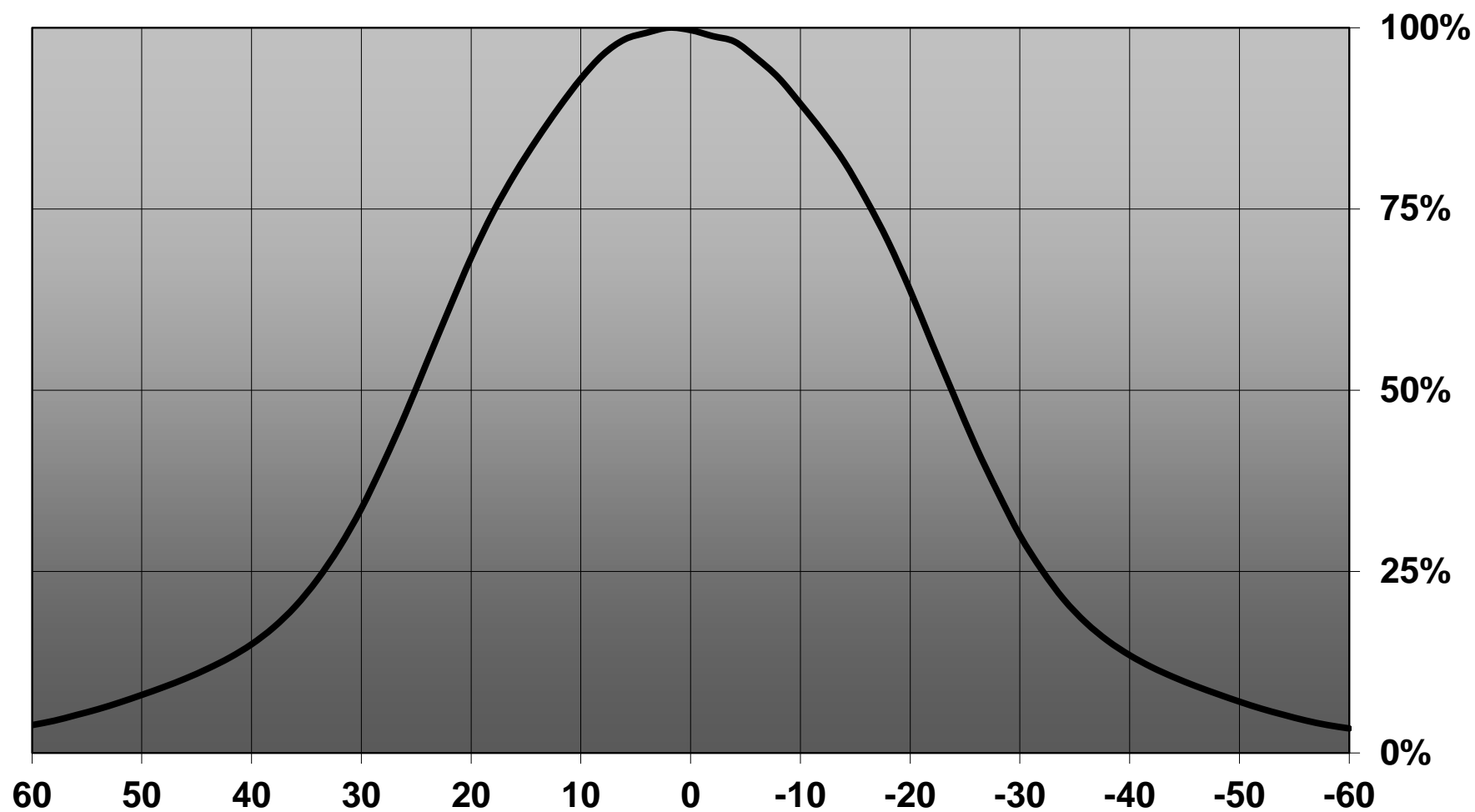
Relative intensity of CN14238\_WINNIE-W\_(Soleriq\_P9)



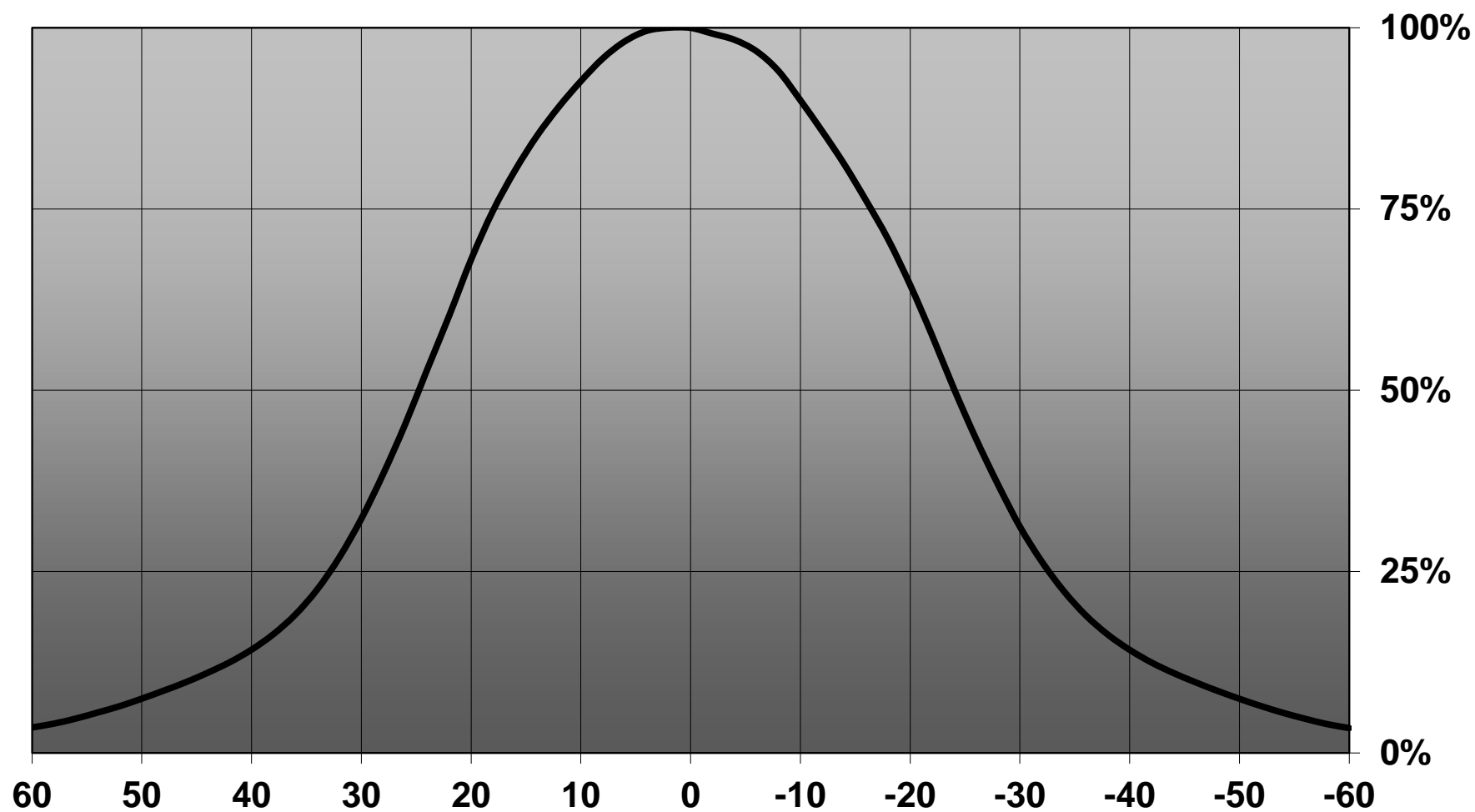
Relative intensity of CN14238\_WINNIE-W\_(V8)



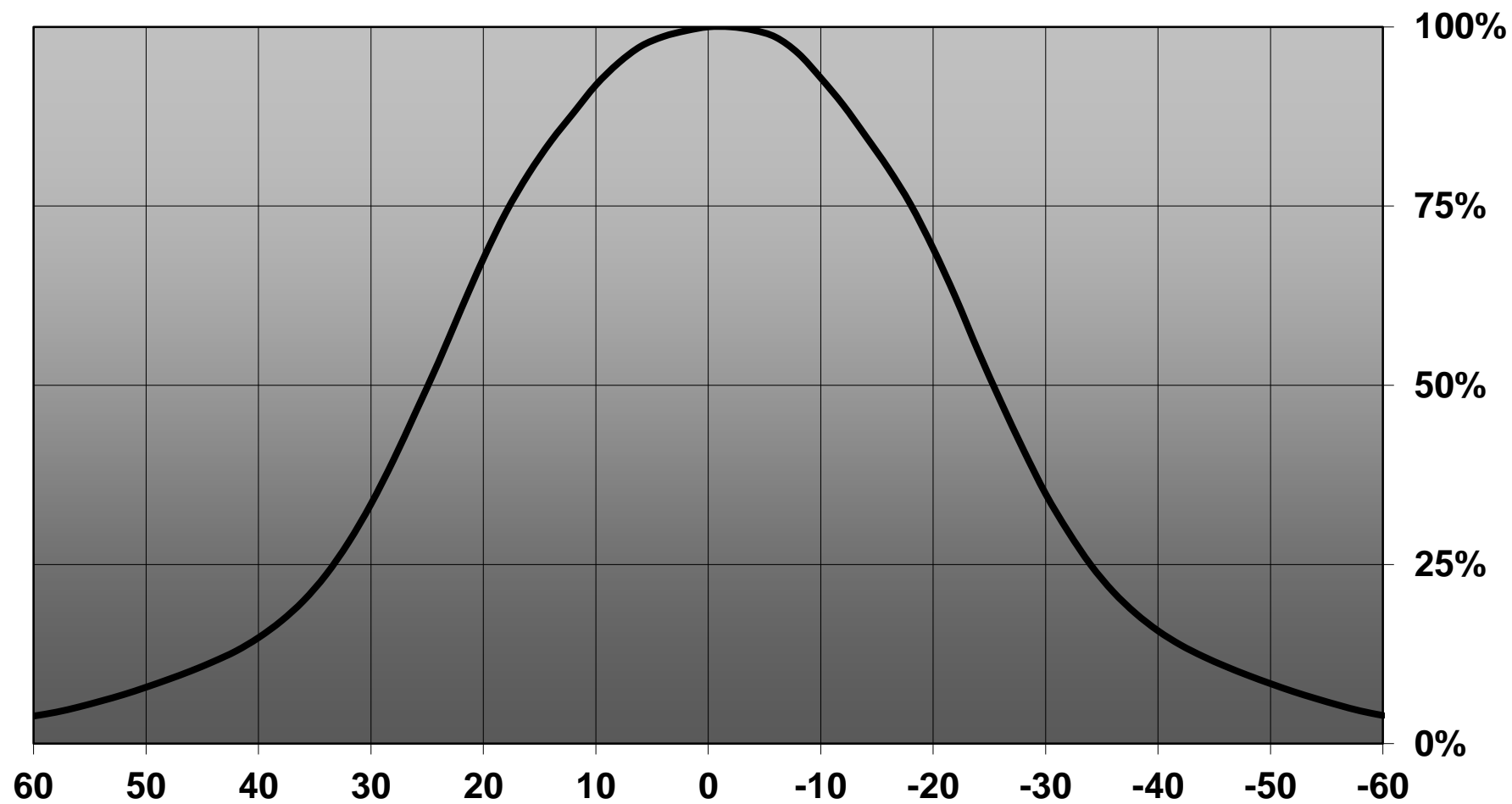
Relative intensity of CN14238\_WINNIE-W\_(Soleriq\_P13)



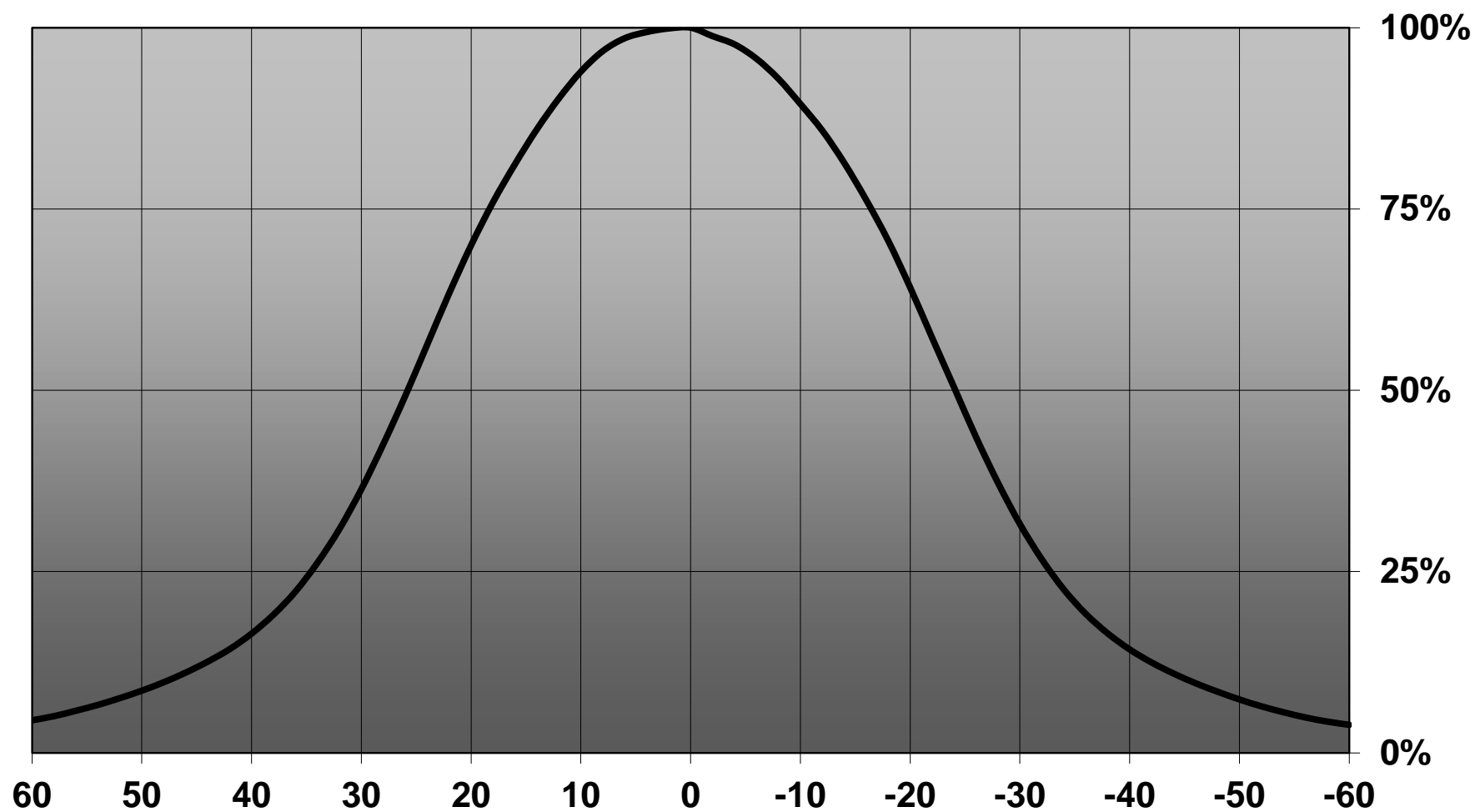
Relative intensity of CN14238\_WINNIE-W\_(Soleriq\_S13)



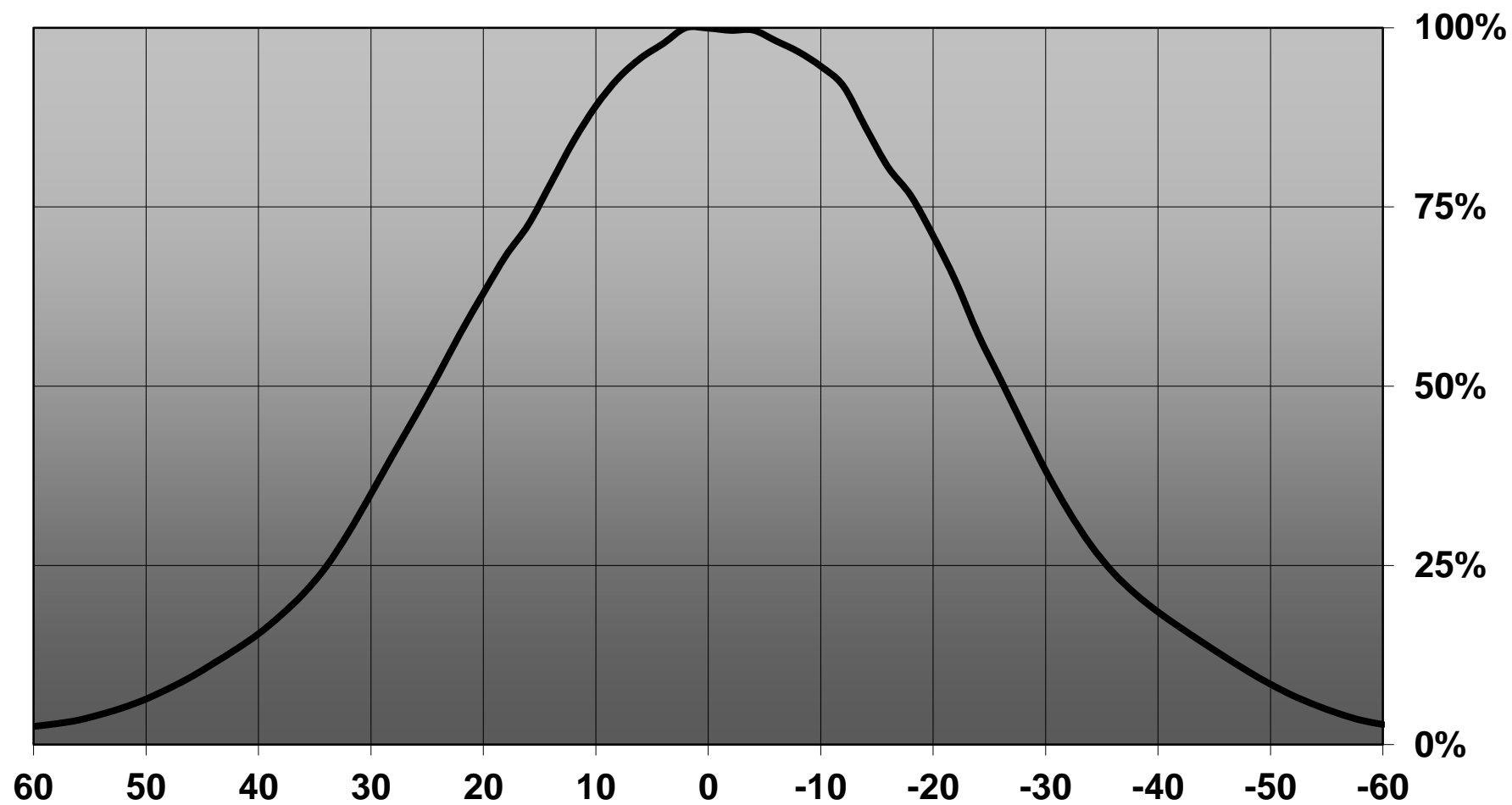
**Relative intensity of CN14238\_WINNIE-W\_(CXM-14)**



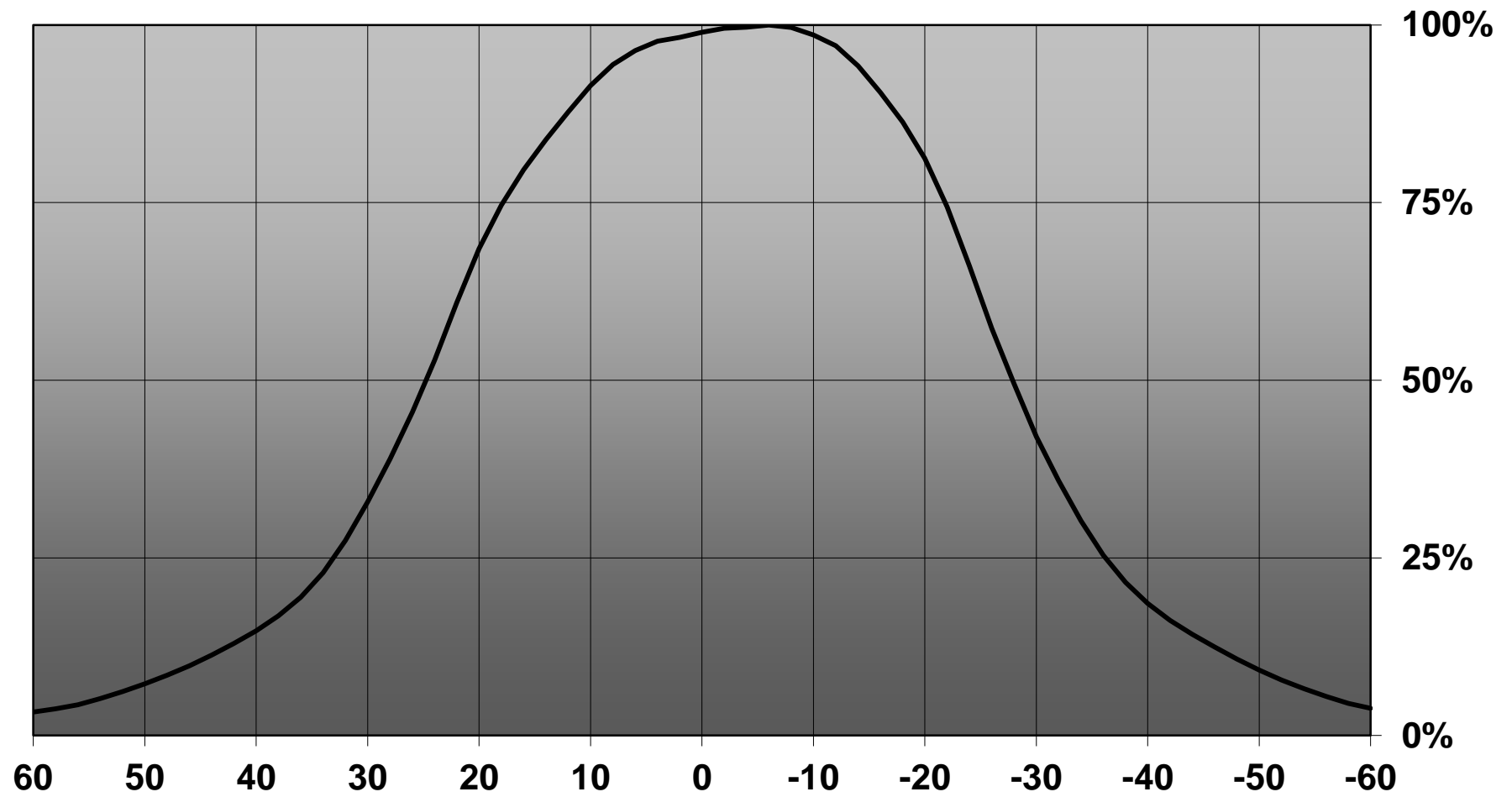
Relative intensity of CN14238\_WINNIE-W\_(Soleriq\_S19)



**Relative intensity of CN14238\_WINNIE-W\_(CXA1304)**

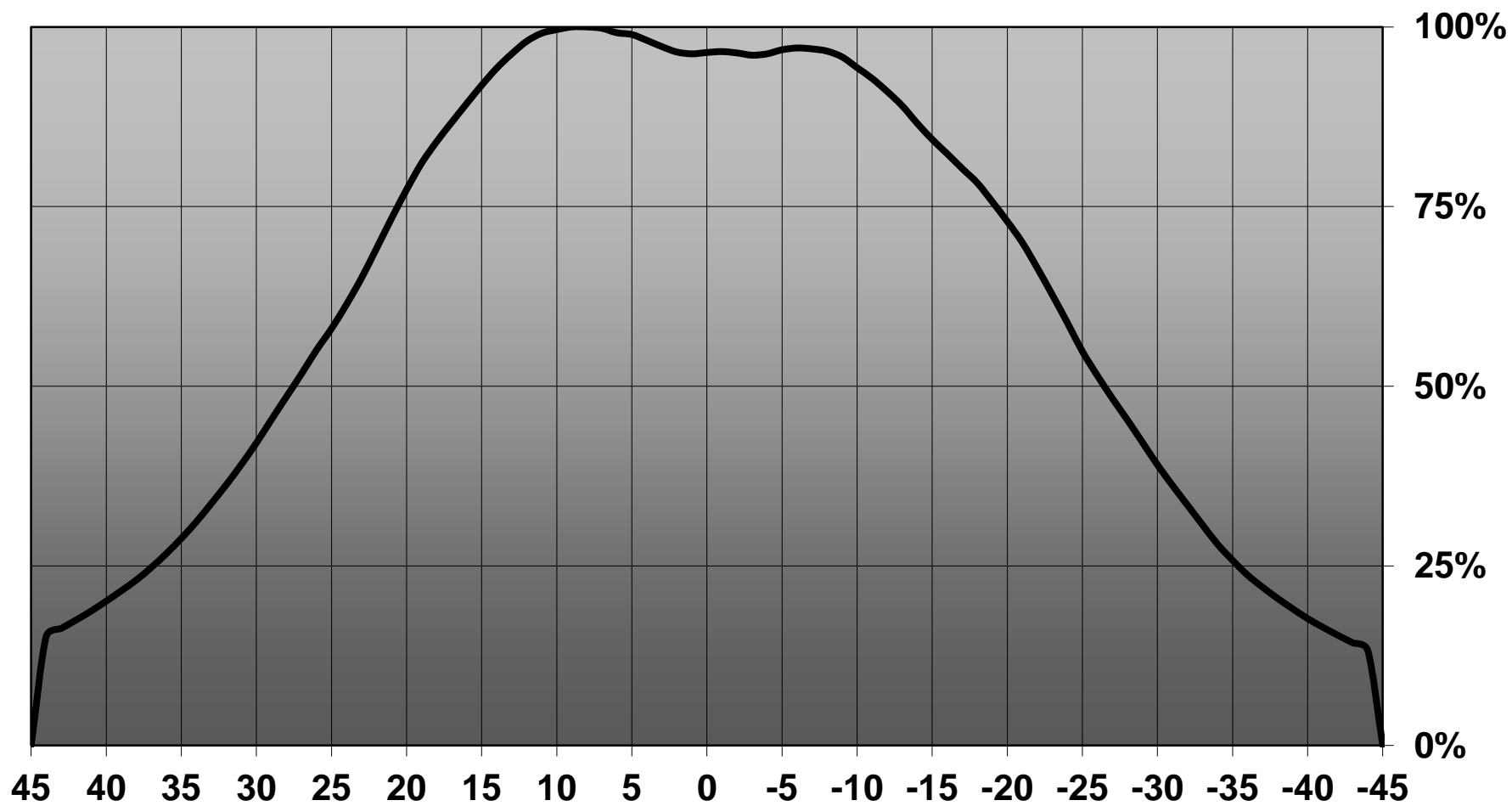


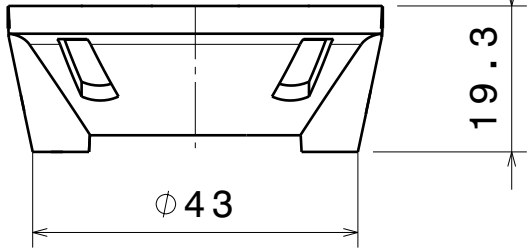
**Relative intensity of CN14238\_WINNIE-W\_(CXA1520)**



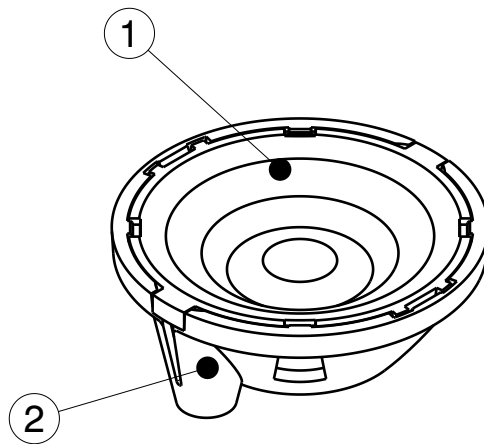


Relative intensity of CN14238\_WINNIE-W\_(Duris\_S10)

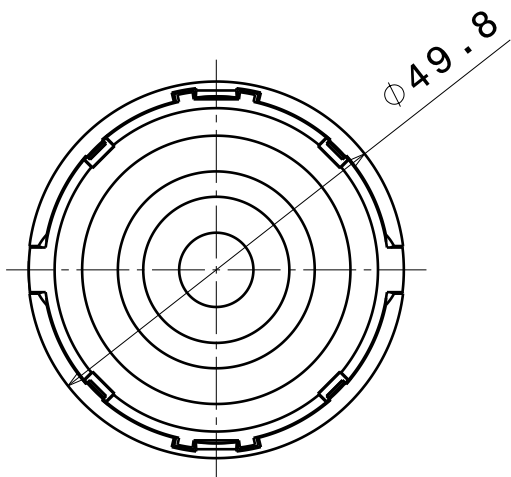




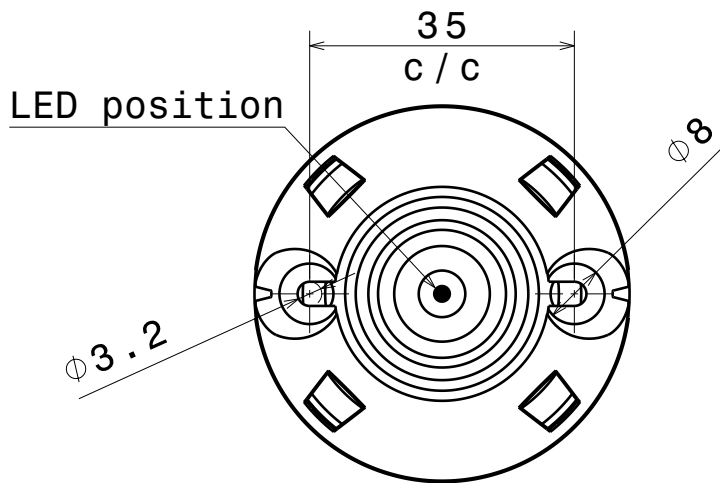
Front view



Isometric view



Top view



Bottom view

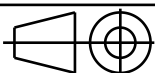
INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	C14234	WINNIE -W	PMMA	clear
2	C14235	WINNIE -HOLDER	PC	white

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

CN14238\_WINNIE-W

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agreement with LEDiL Oy.

SIZE

A4

PART NUMBER

CN14238

SCALE

1:1

WEIGHT

14,82 g

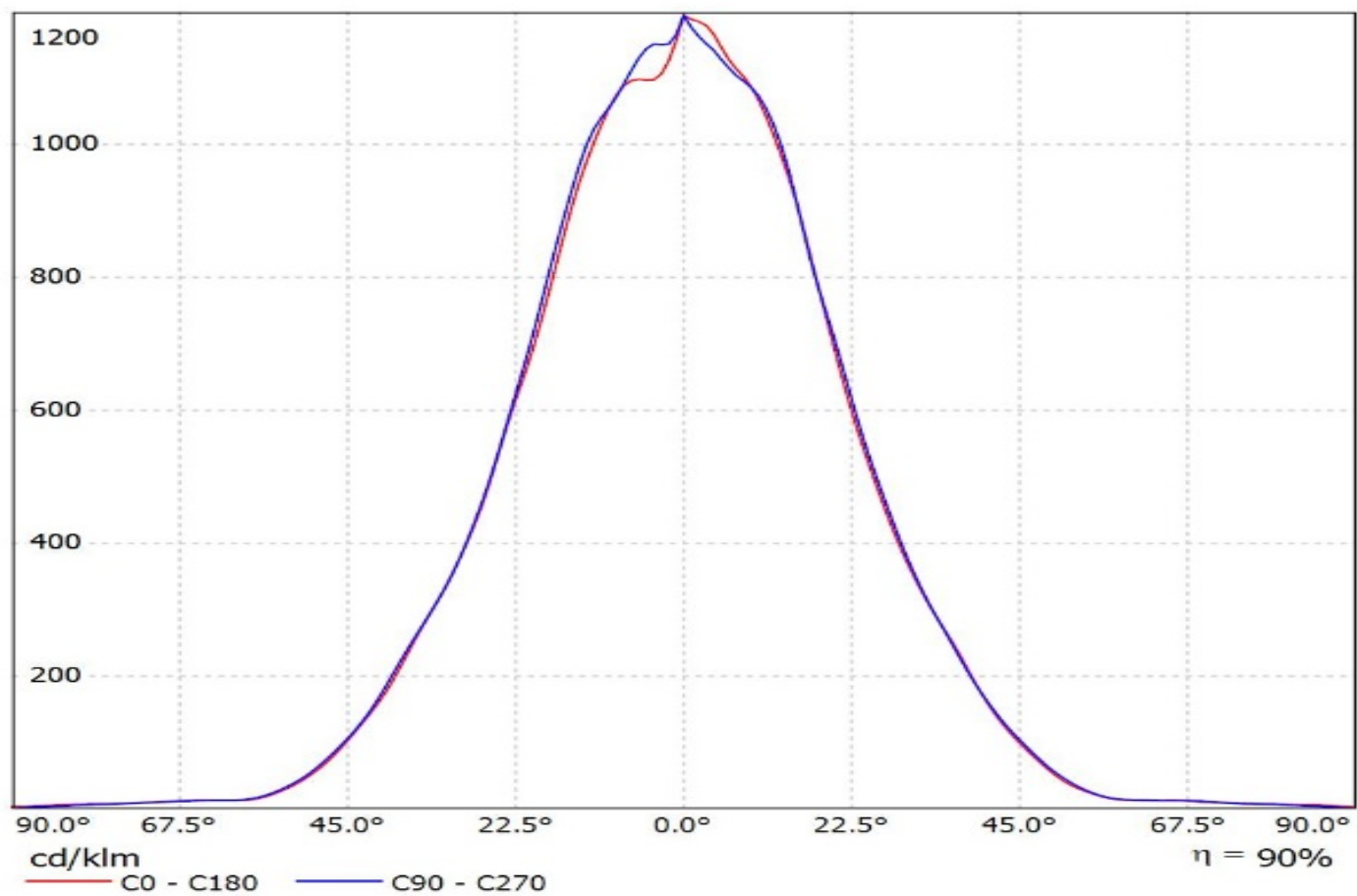
SHEET

1 / 1

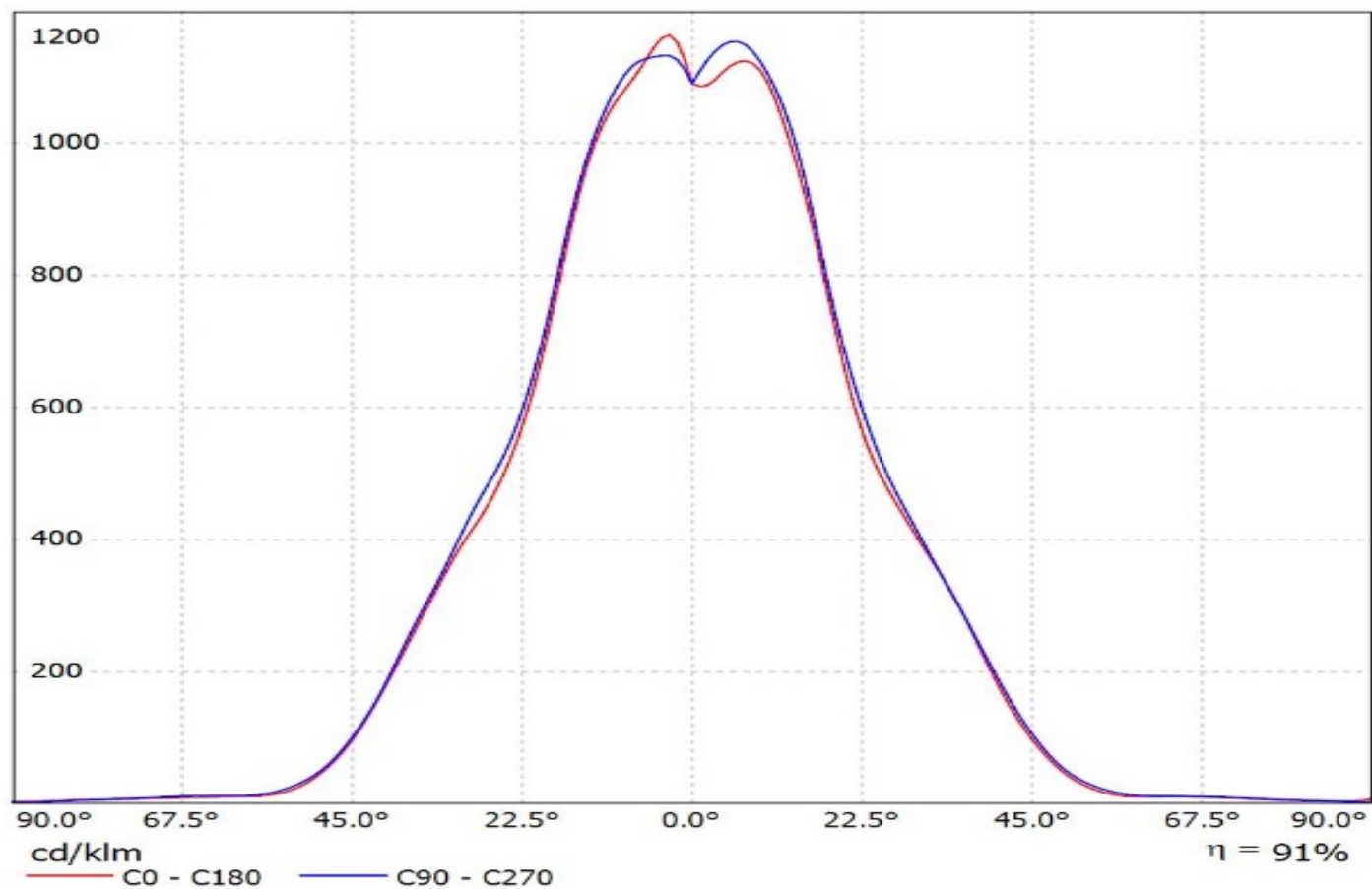
D

A

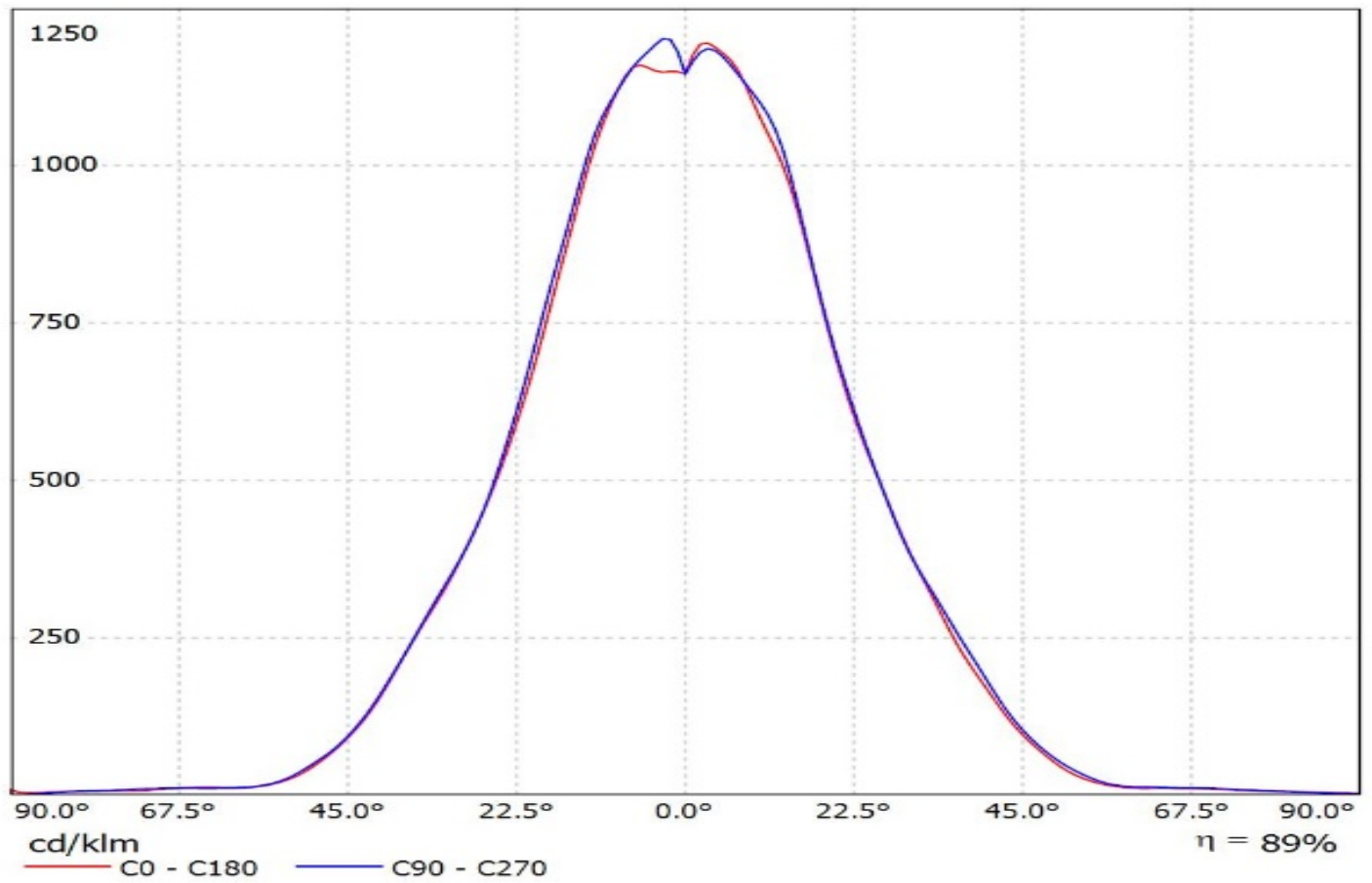
Luminaire: Ledil Oy CN14238\_WINNIE-W\_(Soleriq\_S9)\_SIMULATED  
Lamps: 1 x Osram Soleriq S9 (GW KAFJB3.EM)



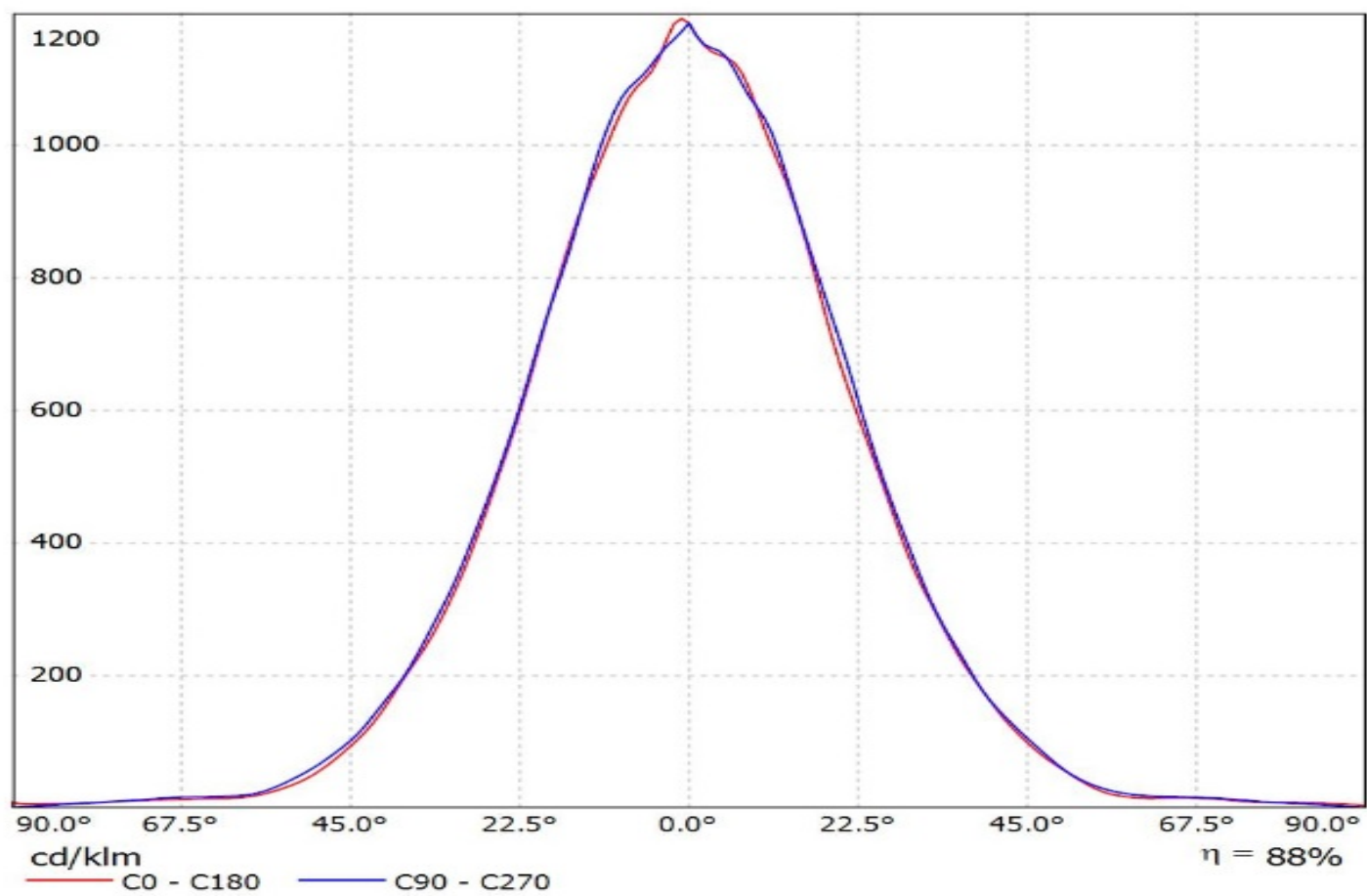
Luminaire: Ledil Oy CN14238\_WINNIE-W\_(LC010C)\_(479\_type\_L5)\_SIMULATED  
Lamps: 1 x Samsung LC101C + Bender & Wirth 479 Type L5



Luminaire: Ledil Oy CN14238\_WINNIE-W\_(LC020C)\_(B+W\_479\_Typ\_L5)\_SIMULATED  
Lamps: 1 x Samsung LC020C

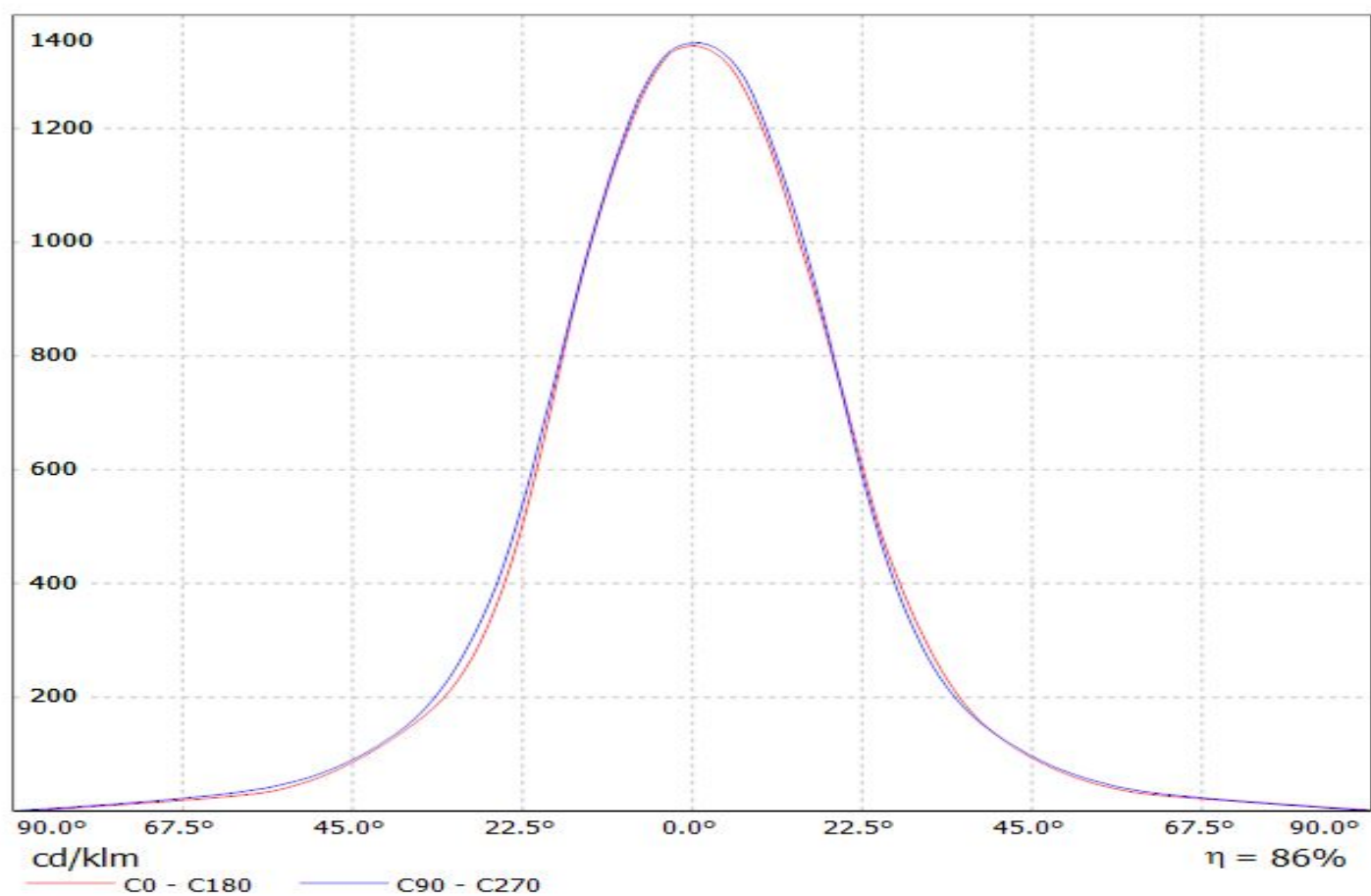


Luminaire: Ledil Oy CN14238\_WINNIE-W\_(LC040C)\_(B+W\_479\_Typ\_L5)\_SIMULATED  
Lamps: 1 x Samsung LC040C



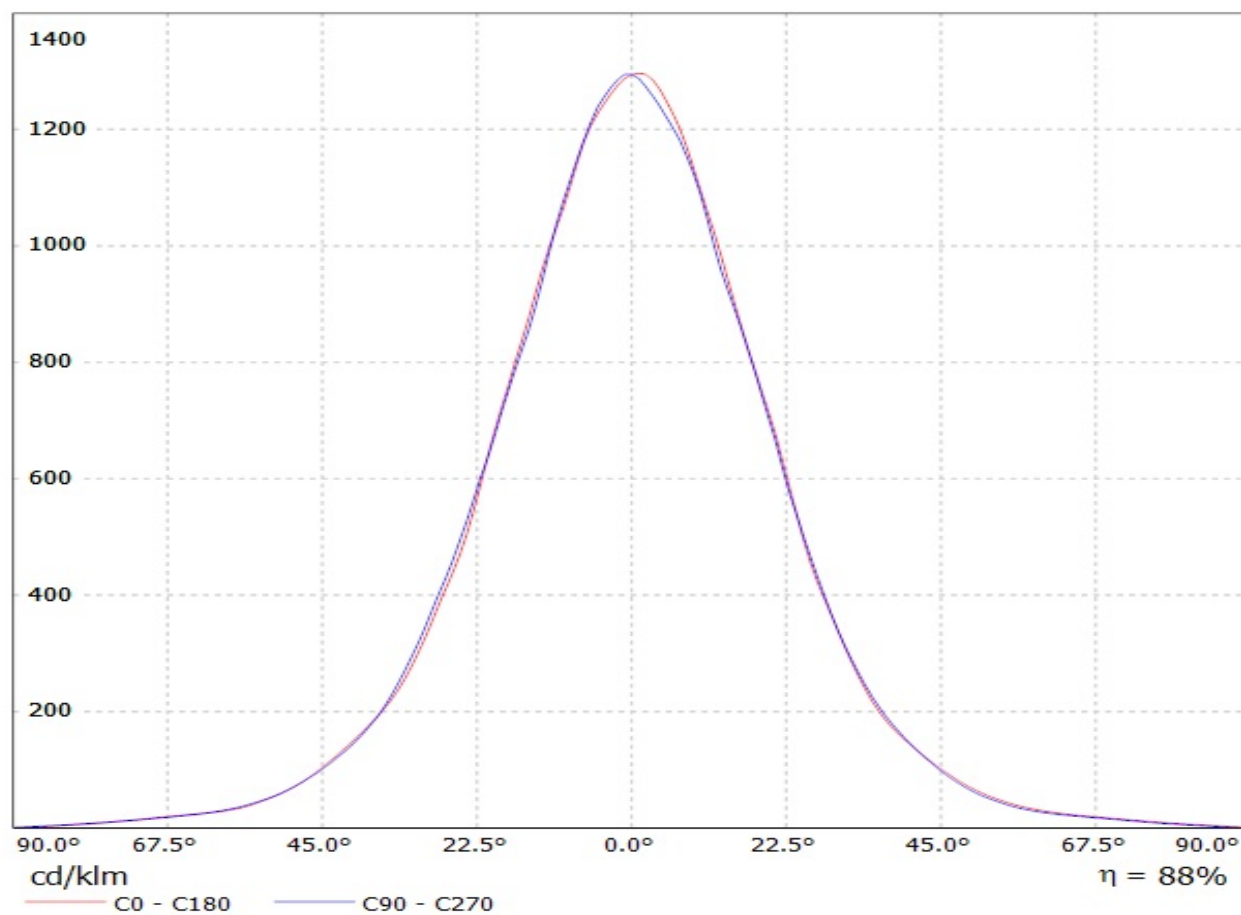
Luminaire: LEDiL Oy CN14238\_WINNIE-W\_(SLE-G5\_LES-11)

Lamps: 1 x Tridonic\_SLE-G5\_LES-15\_1138.42lm@250mA\_P=8.4110W\_I=0.250A



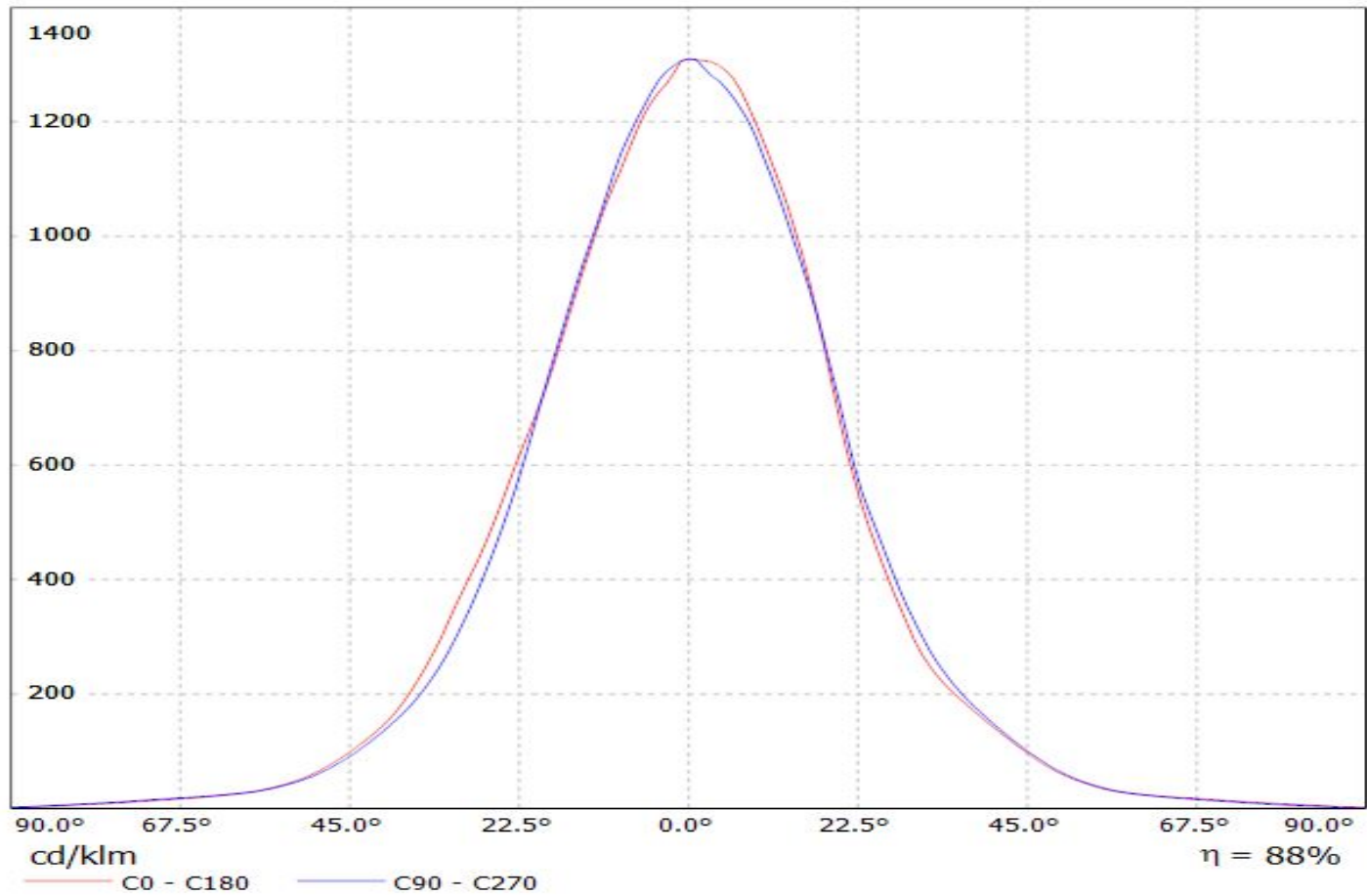
Luminaire: LEDiL Oy CN14238\_WINNIE-W\_(CLU700)\_434-Typ-L5

Lamps: 1 x Citizen\_CLU700\_(CLU700-1002B8-273M2G1)\_434\_Typ\_L5\_377.008lm@100mA\_P=2.82212W\_I=0.1001A



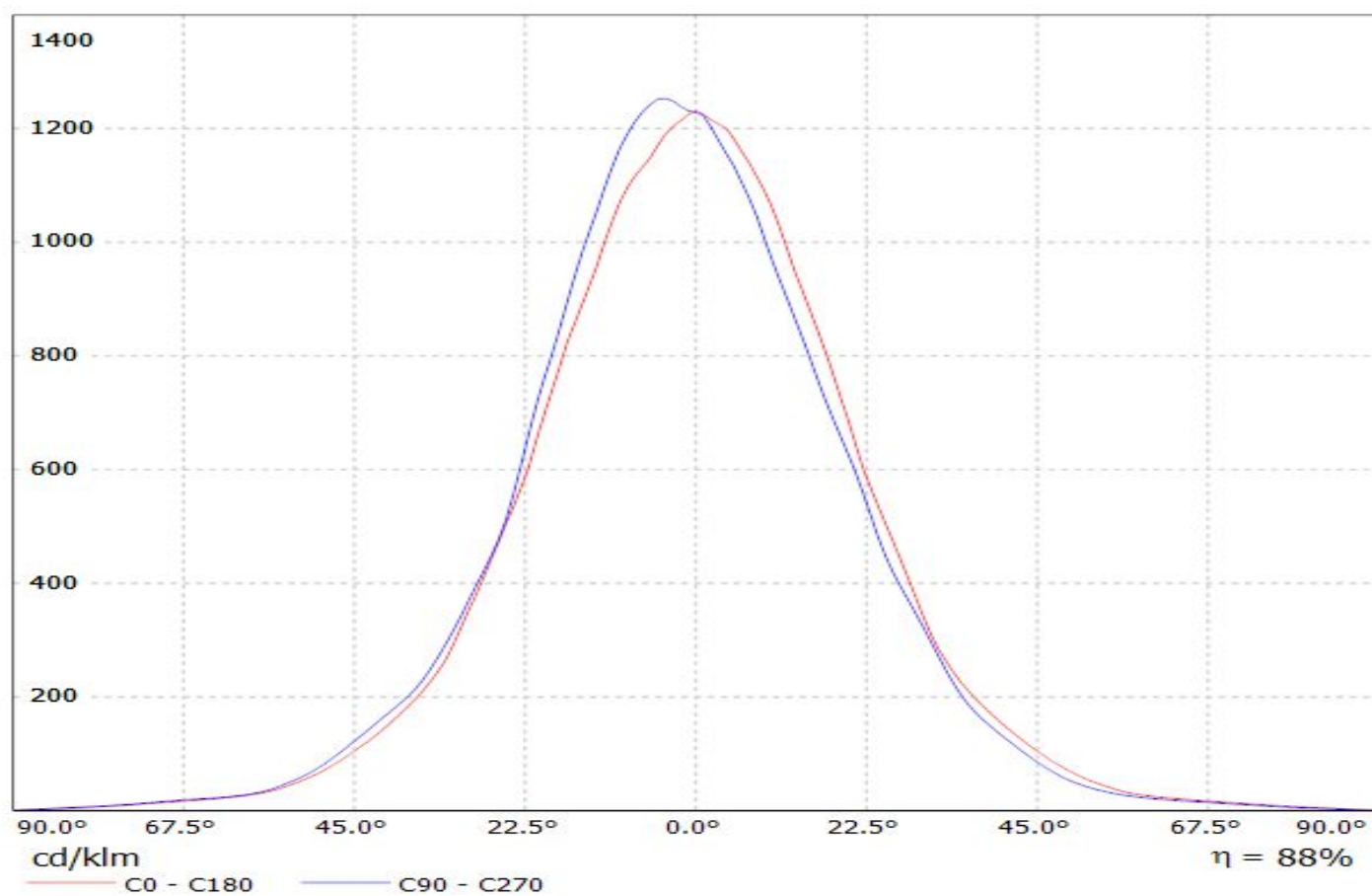


Luminaire: LEDiL Oy CN14238\_WINNIE-W\_(CLU700)  
Lamps: 1 x Citizen\_CLU700\_367.467lm@100mA\_P=2.77574W\_I=0.1002A

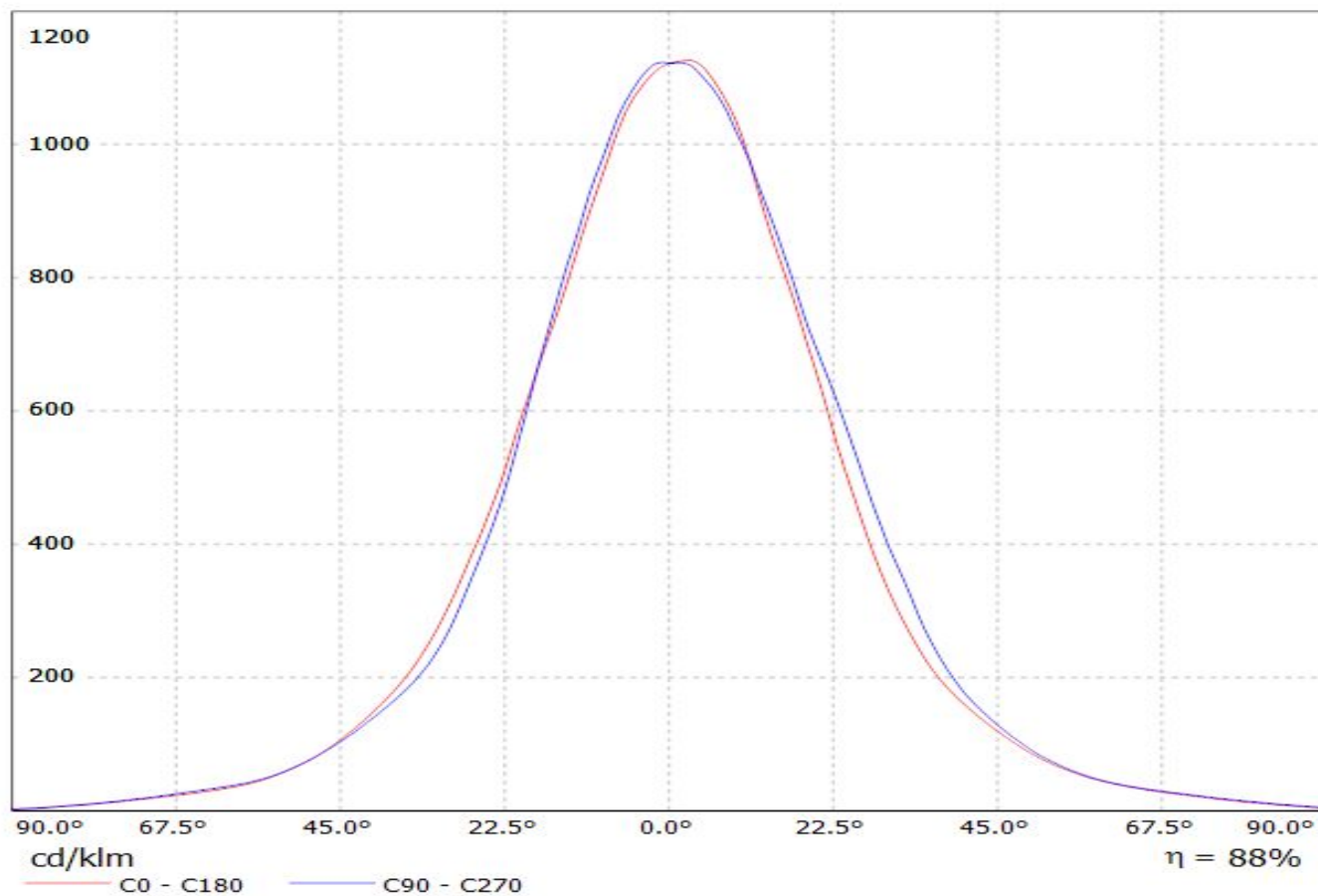


Luminaire: LEDiL Oy CN14238\_WINNIE-W\_(SLE-G5\_LES-6)

Lamps: 1 x Tridonic\_SLE-G5\_LES-6\_472.41lm@100mA\_P=3.3763W\_I=0.100A

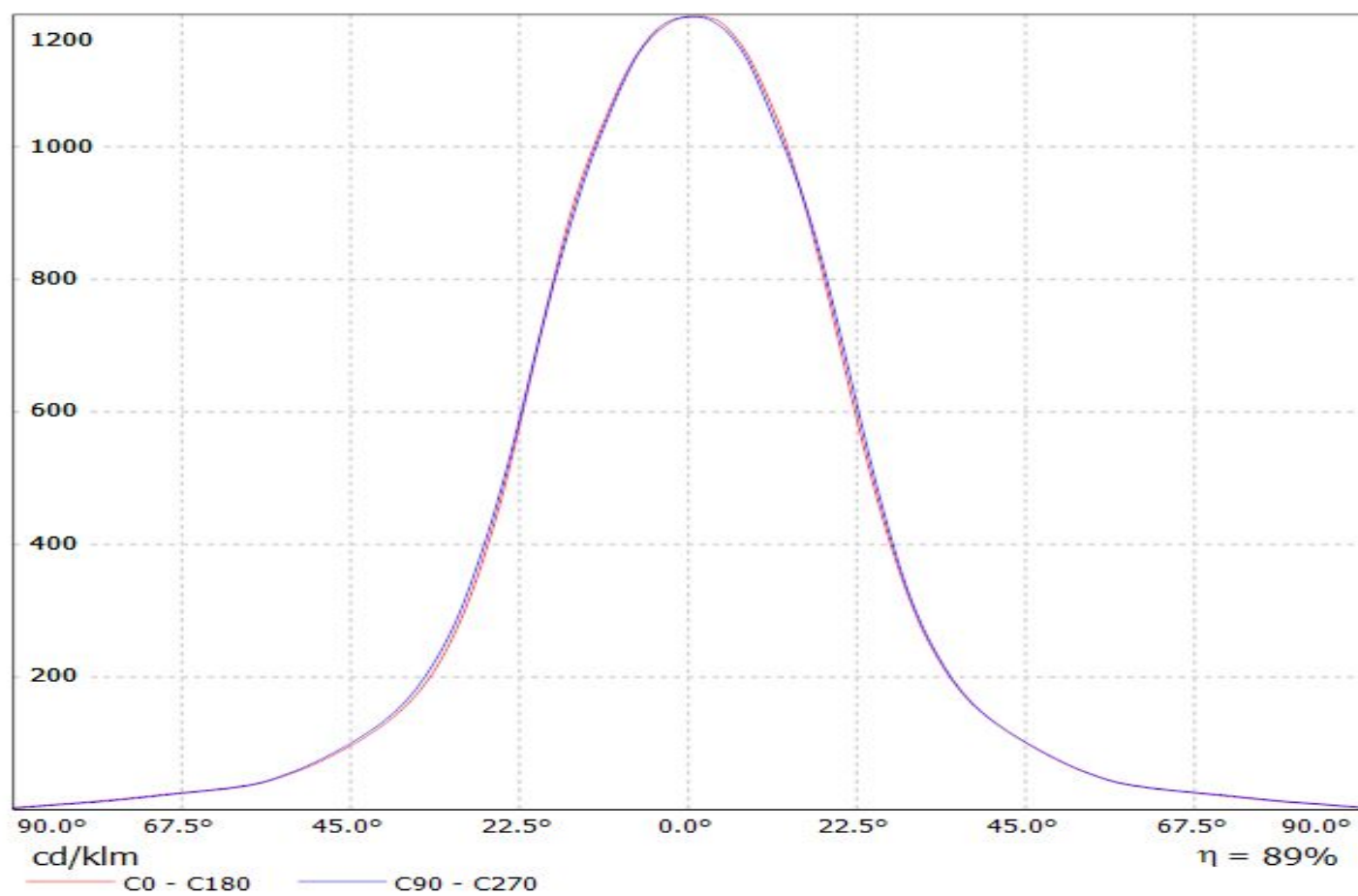


Luminaire: Ledil CN14238\_WINNIE-W\_(MHD-G)  
Lamps: 1 x Cree MHD-G\_530.44lm@100mA\_P=3.0W\_I=0.100A



Luminaire: LEDiL Oy CN14238\_WINNIE-W\_(DMC125)

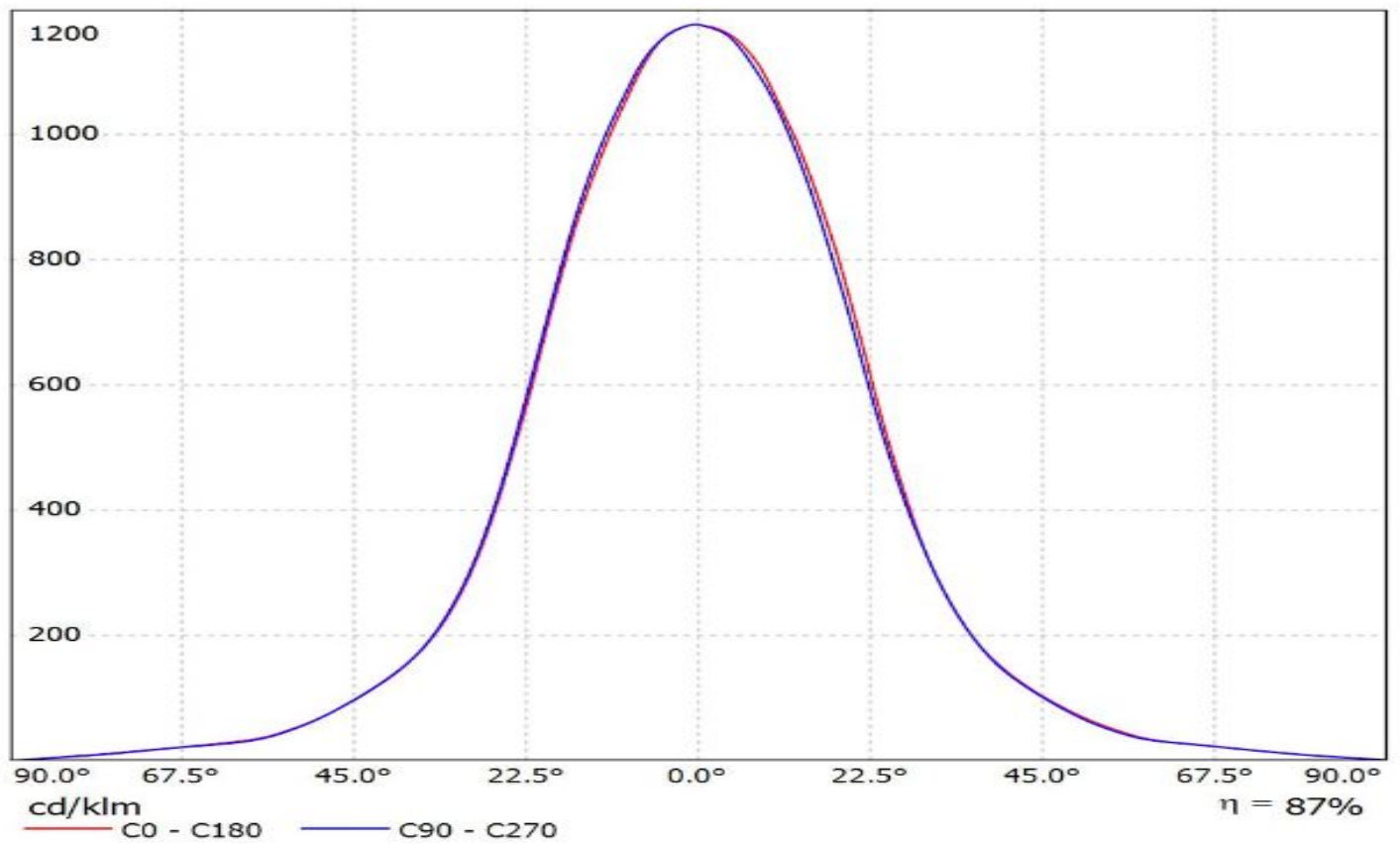
Lamps: 1 x DMC125+433\_Typ\_L5\_1101.77lm@250mA\_P=8.53017W\_I=250mA



## Ledil CN14238\_WINNIE-W\_(CLU720) / LDC (Linear)

Luminaire: Ledil CN14238\_WINNIE-W\_(CLU720)

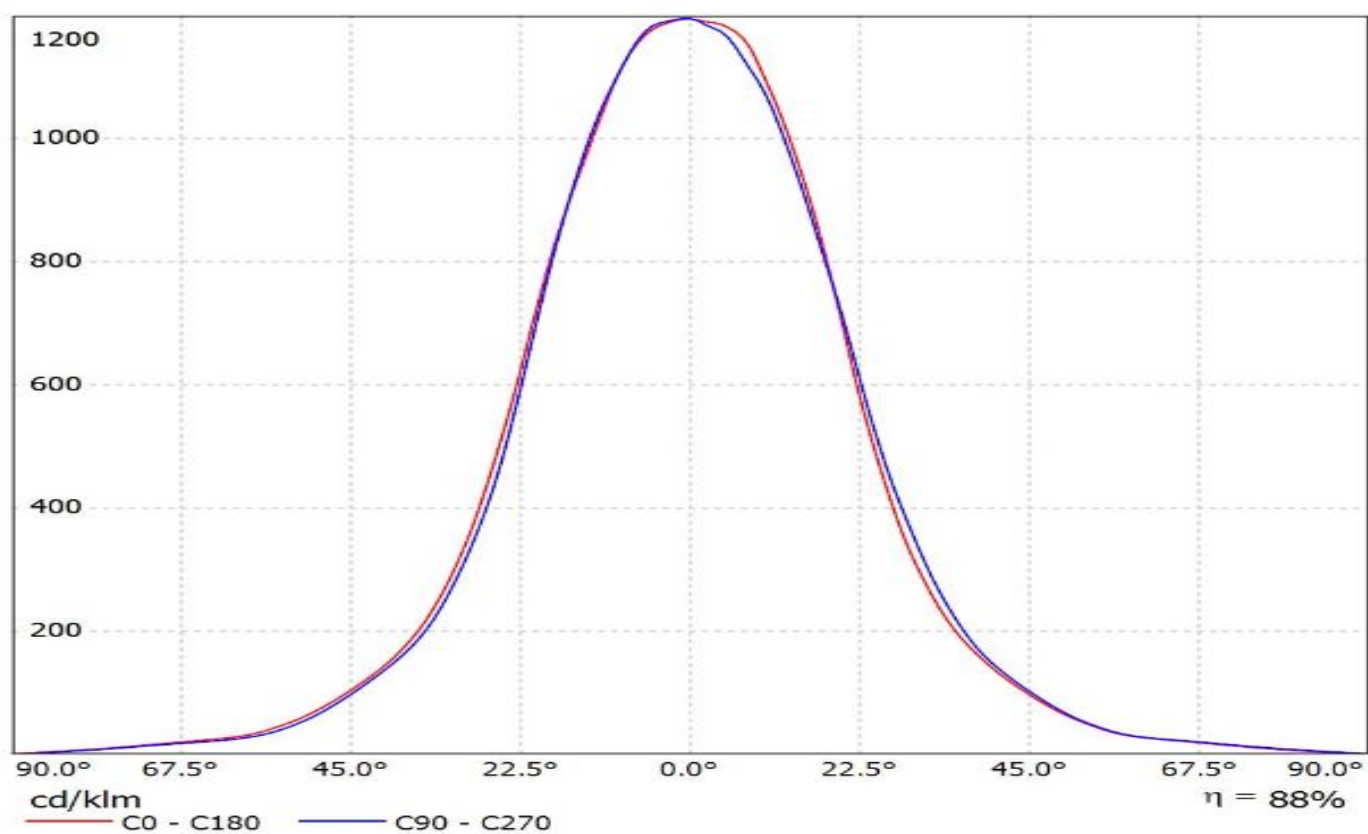
Lamps: 1 x Citizen\_CLU720\_(CLU720-1206B8-273M2G1)\_1253.68lm@250mA\_P=8.3W\_I=0.25A



## Ledil CN14238\_WINNIE-W\_(CLU710)\_(470\_Typ\_L5) / LDC (Linear)

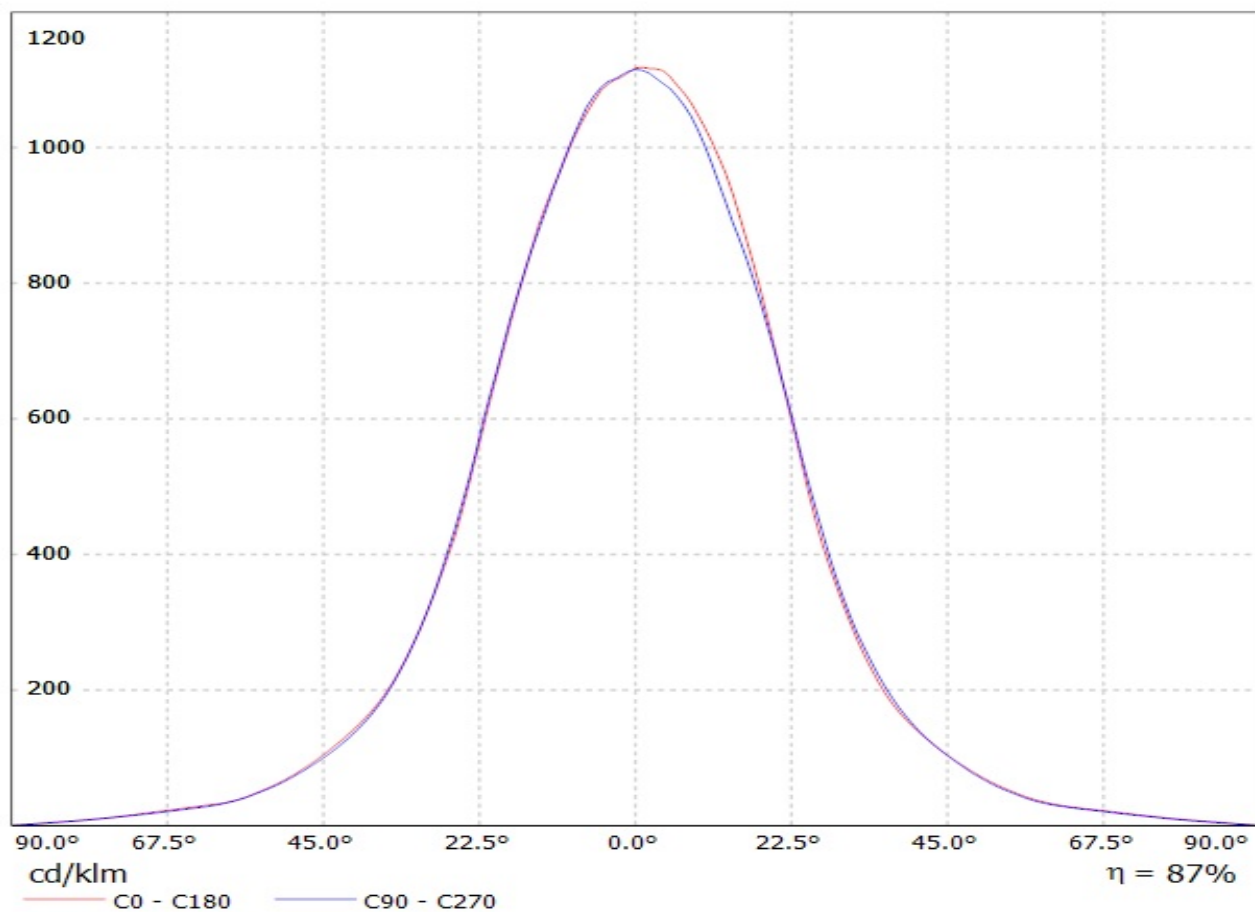
Luminaire: Ledil CN14238\_WINNIE-W\_(CLU710)\_(470\_Typ\_L5)

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 CN14238\_WINNIE-W\_(CLU024)\_434-Typ-L5

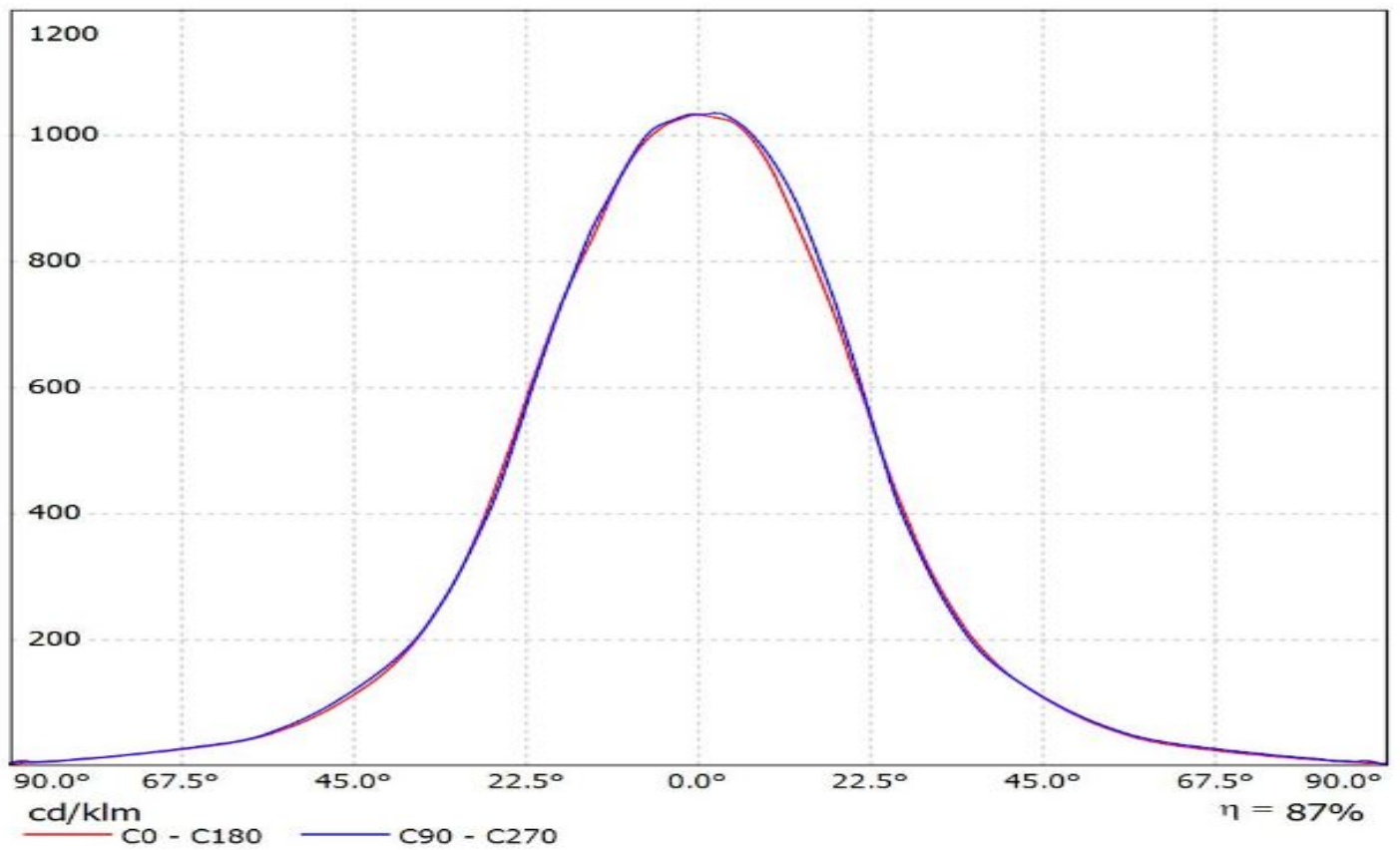
Lamps: 1 x Citizen\_CLU-024\_(CLU024-1204B8-303M1A2)\_434-Typ-L5\_1023.5lm@250mA\_P=8.57963W\_I=0.2498A



## Ledil CN14238\_WINNIE-W\_(CLU710) / LDC (Linear)

Luminaire: Ledil CN14238\_WINNIE-W\_(CLU710)

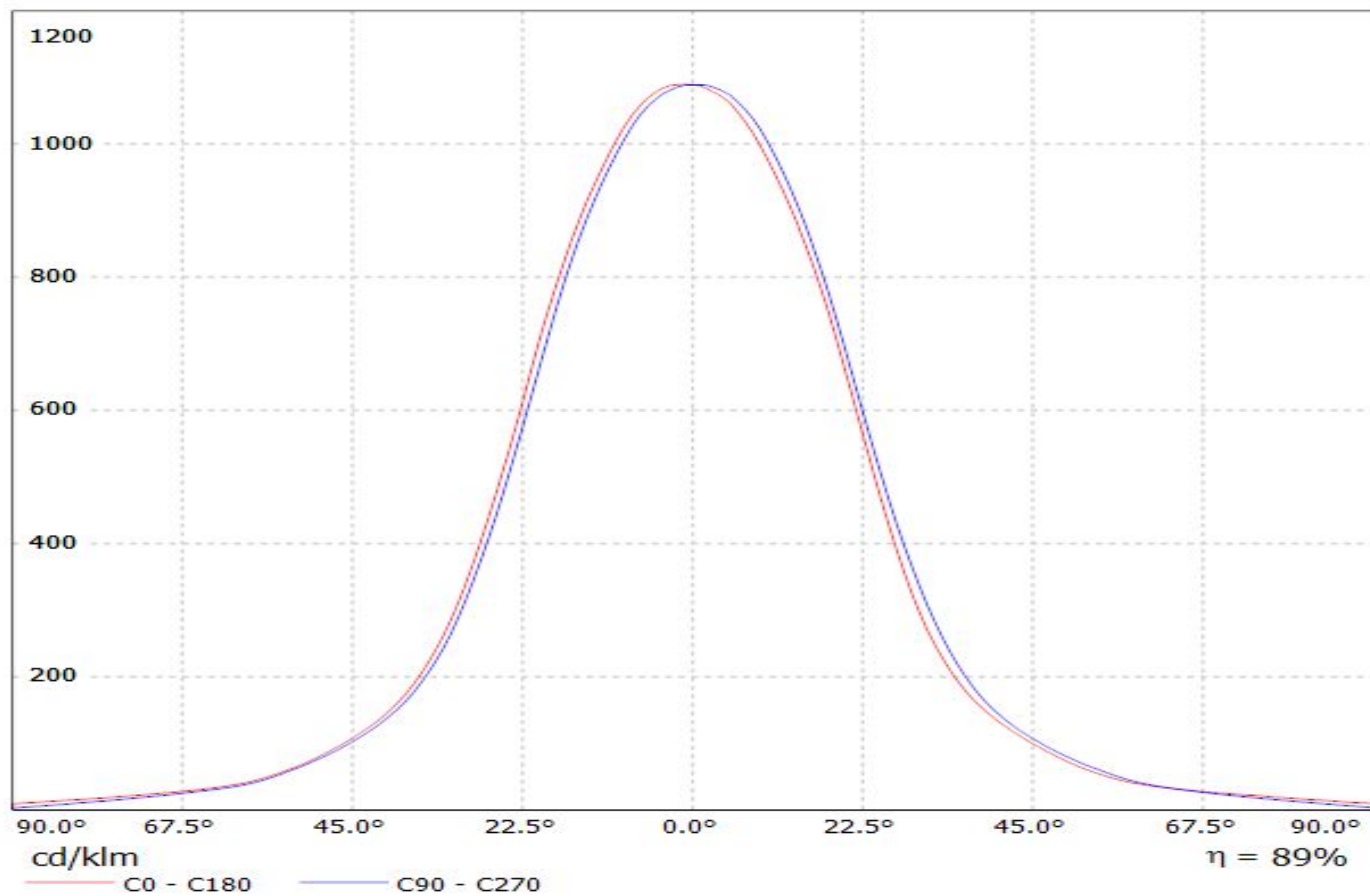
Lamps: 1 x CITIZEN\_CLU710\_(CLU710-1204B8-273M2G1)\_1210.56lm@250mA\_P=8.5W\_I=0.25A





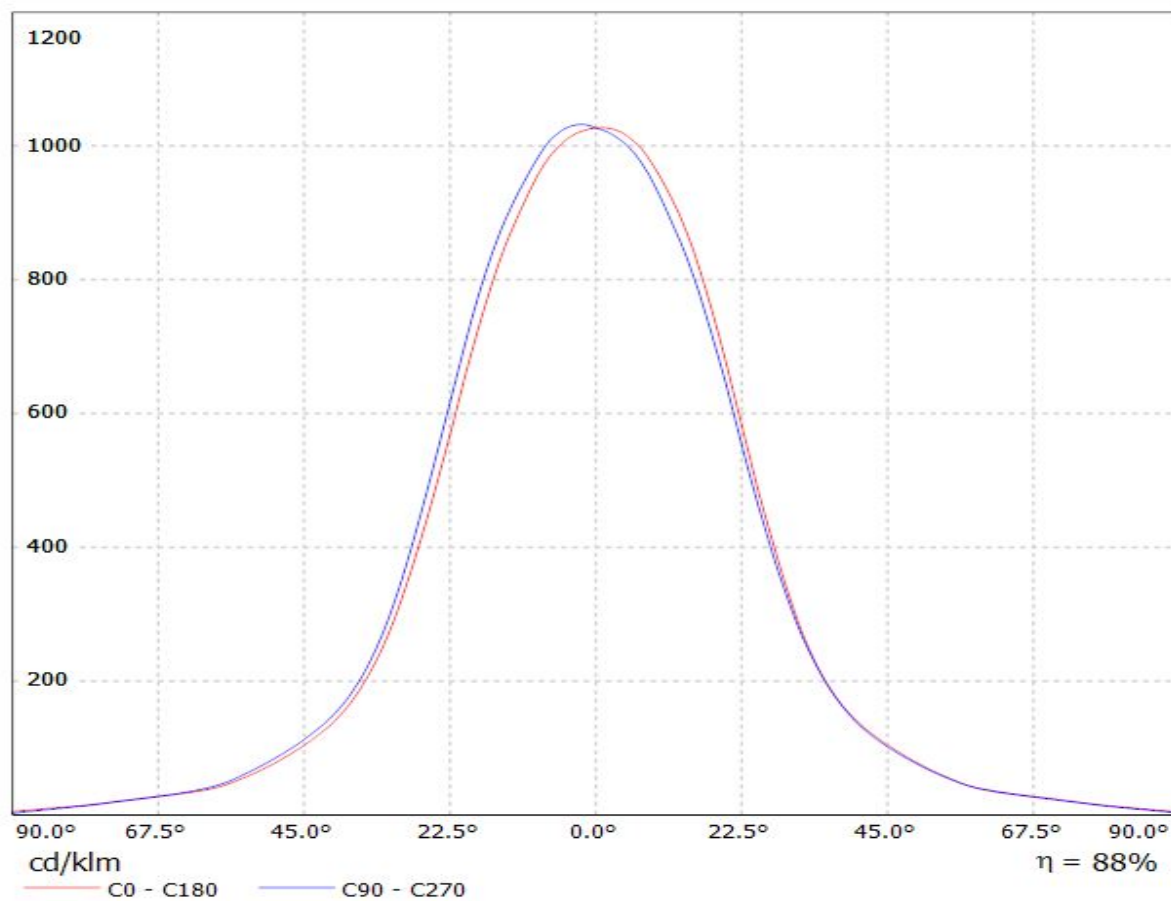
Luminaire: LEDiL Oy CN14238\_WINNIE-W\_(SLE-G5\_LES-15)

Lamps: 1 x Tridonic\_SLE-G5\_LES-15\_1267.45lm@250mA\_P=8.6695W\_I=0.250A



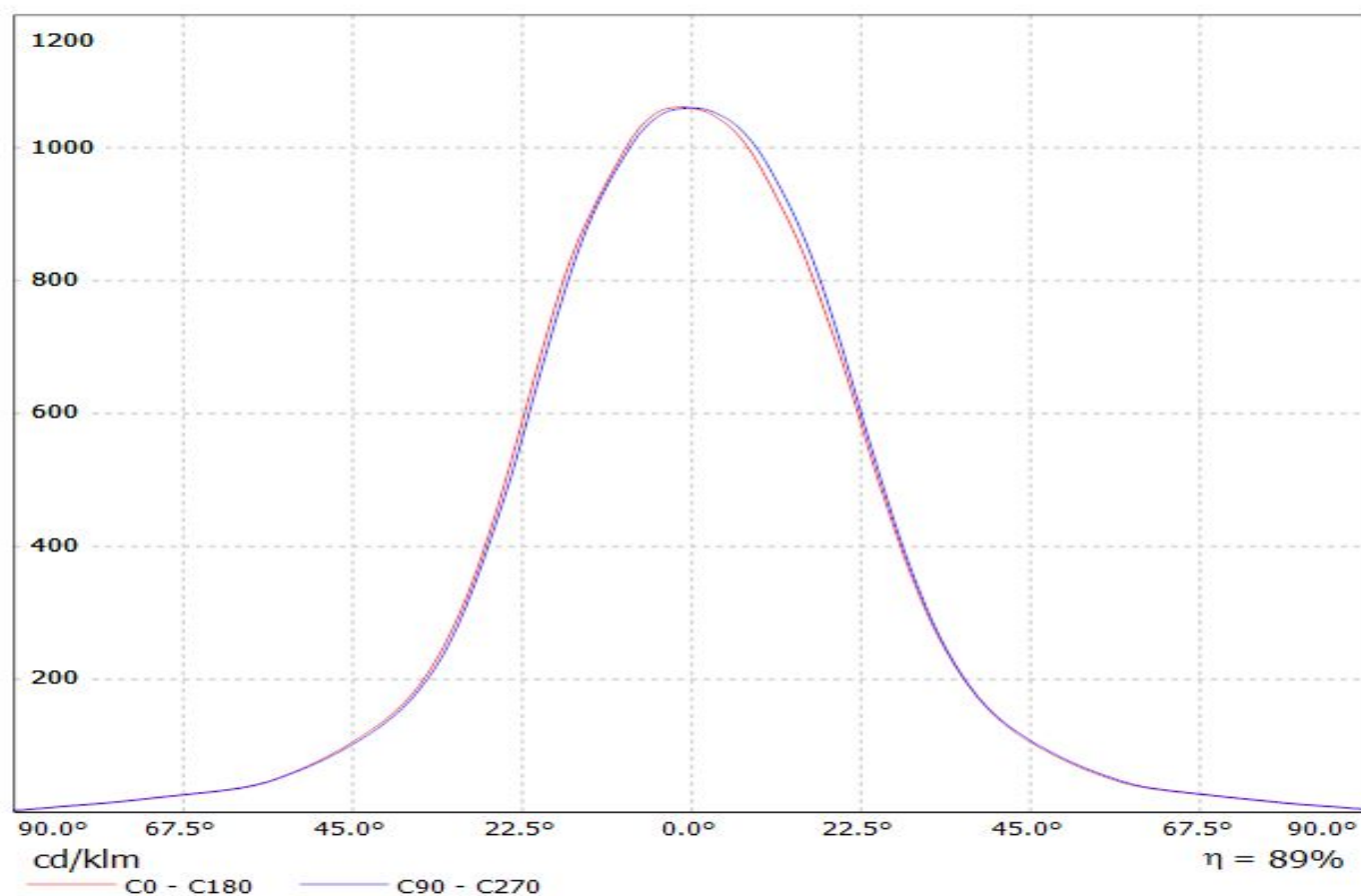
Luminaire: LEDiL Oy CN14238\_WINNIE-W\_(CLU034)

Lamps: 1 x Citizen\_CLU034\_(CLL034-1205B8-303M1A2)+\_B+W\_433\_Typ\_L5\_1154.06lm@250mA\_P=8.45523W\_I=250mA



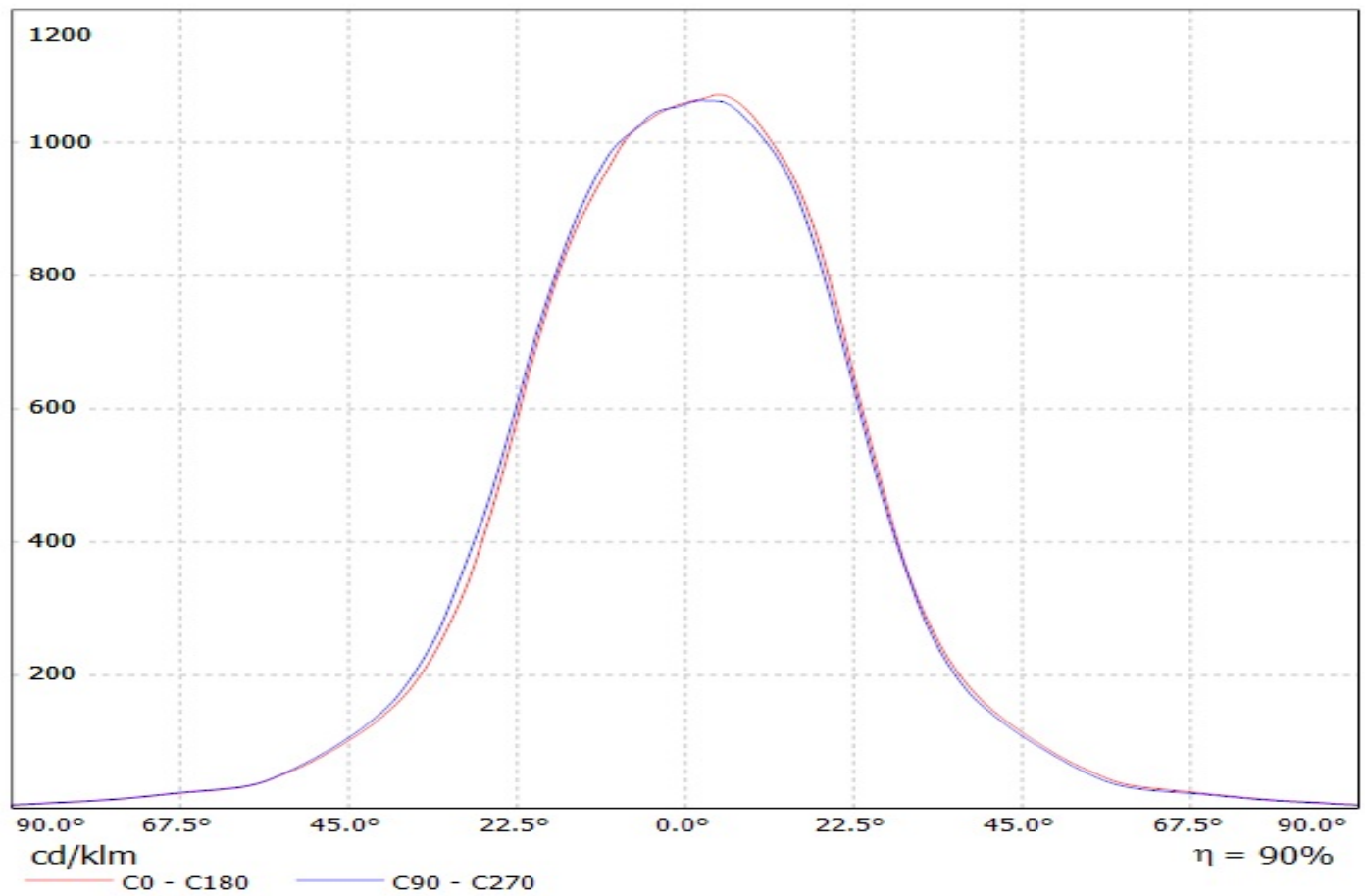
Luminaire: LEDiL Oy CN14238\_WINNIE-W\_(ZC12)

Lamps: 1 x Seoul\_ZC12\_(SDW82F1C)\_+\_B+W\_433\_Typ\_L5\_1217.21lm@250mA\_P=8.64733W\_I=250mA



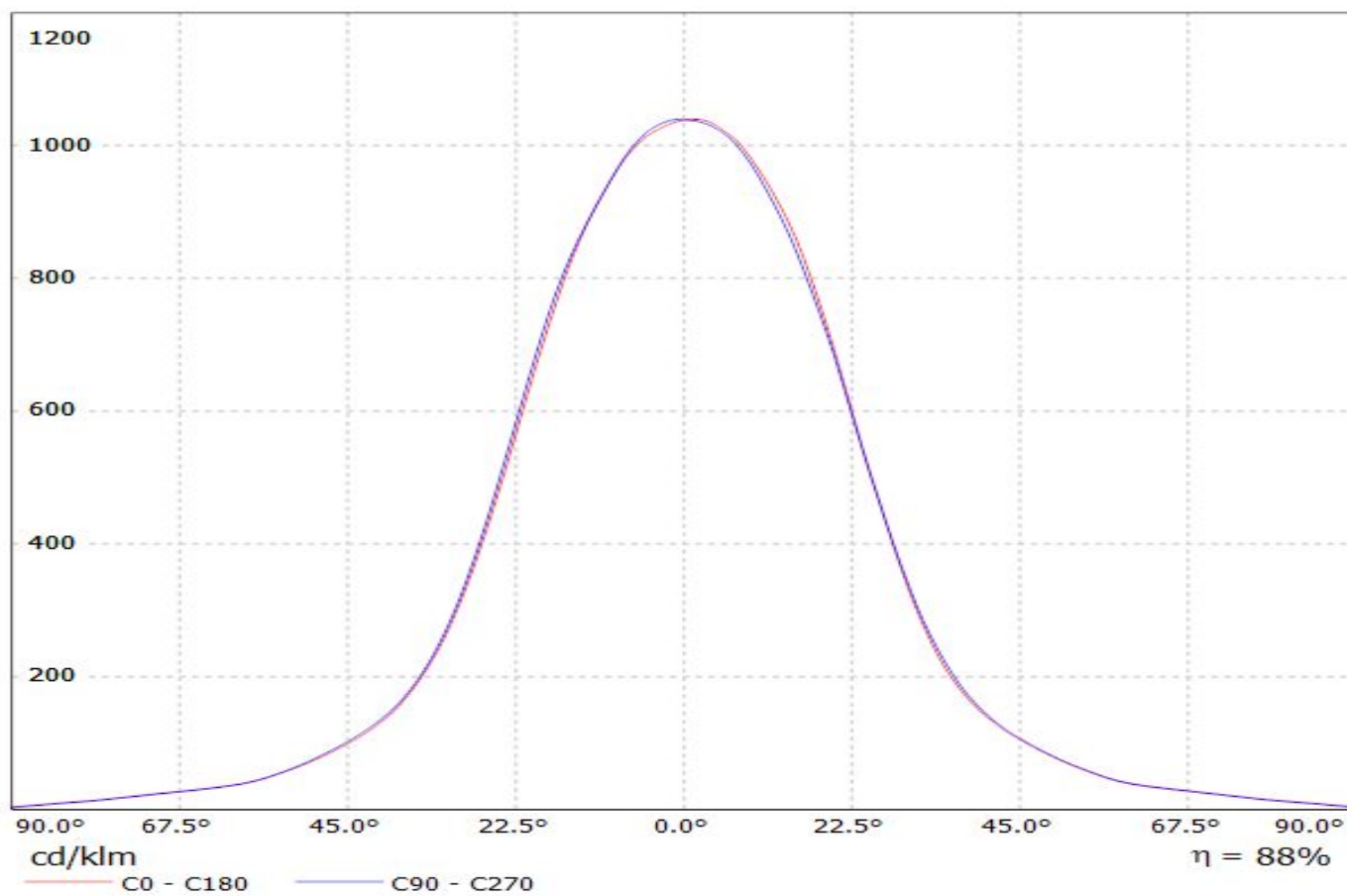
Luminaire: LEDiL Oy CN14238\_WINNIE-W\_(VERO10)

Lamps: 1 x Bridgelux\_VERO10\_(301000B)\_758.633lm@250mA\_P=6.35346W\_I=0.2499A

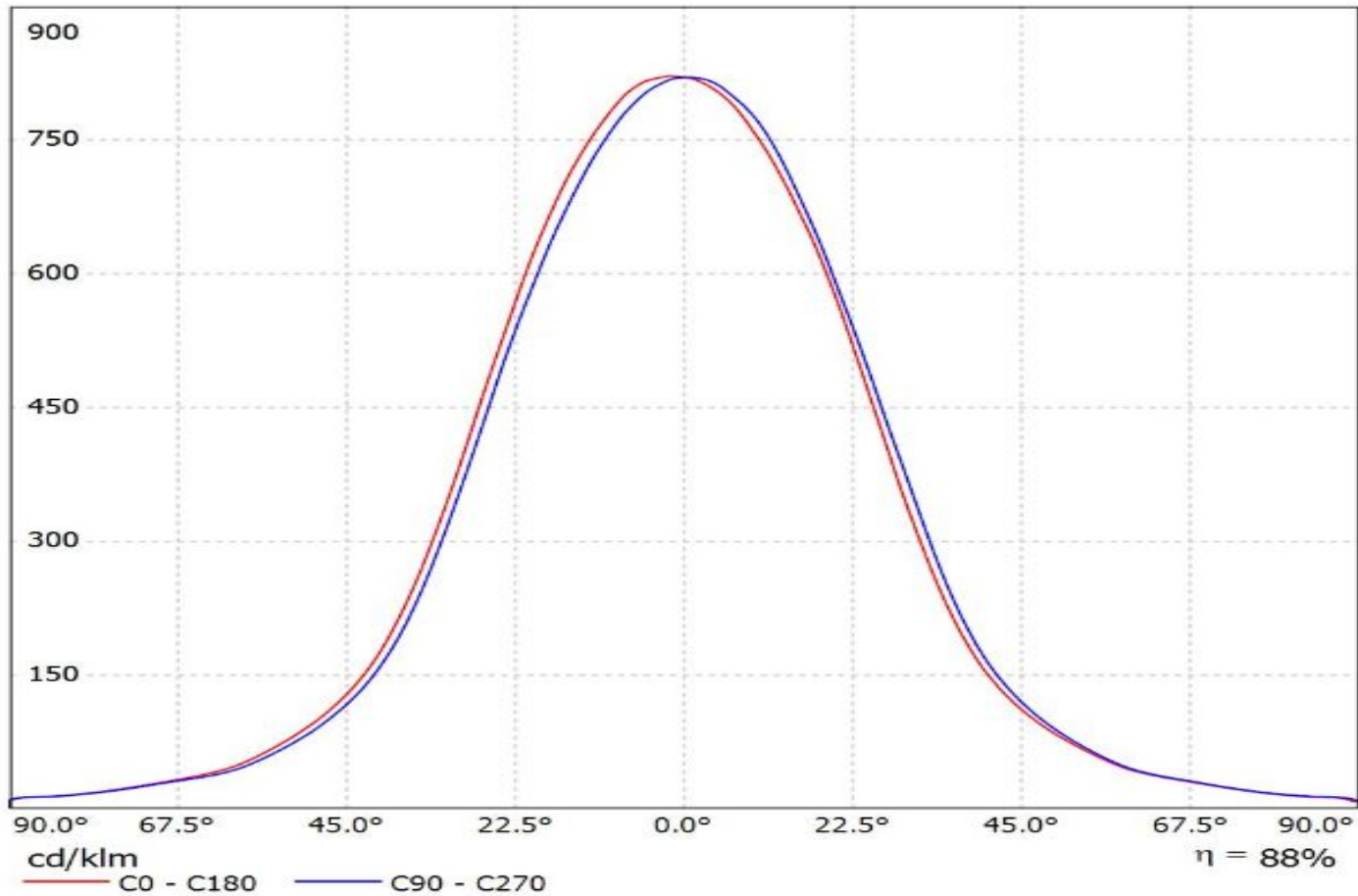


Luminaire: LEDiL Oy CN14238\_WINNIE-W (DMC128)

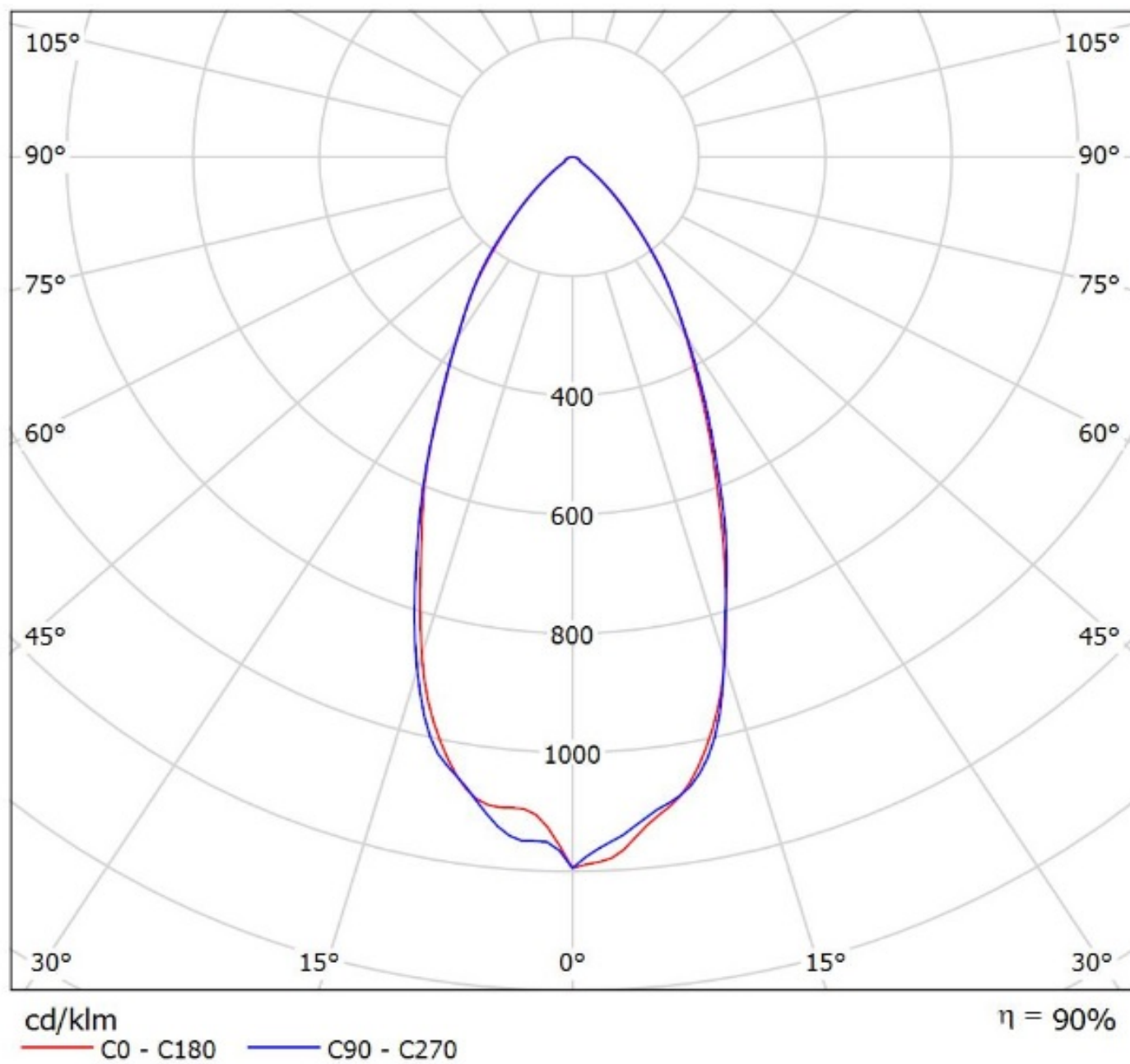
Lamps: 1 x DMC128+433\_TYP\_L5\_825.549lm@250mA\_P=8.28162W\_I=250mA



Luminaire: Ledil CN14238\_WINNIE-W\_(V18)  
Lamps: 1 x Bridgelux\_V18\_(BXR-30E4000-F-23)\_1084.28lm@250mA\_P=6.8355W\_I=0.250A

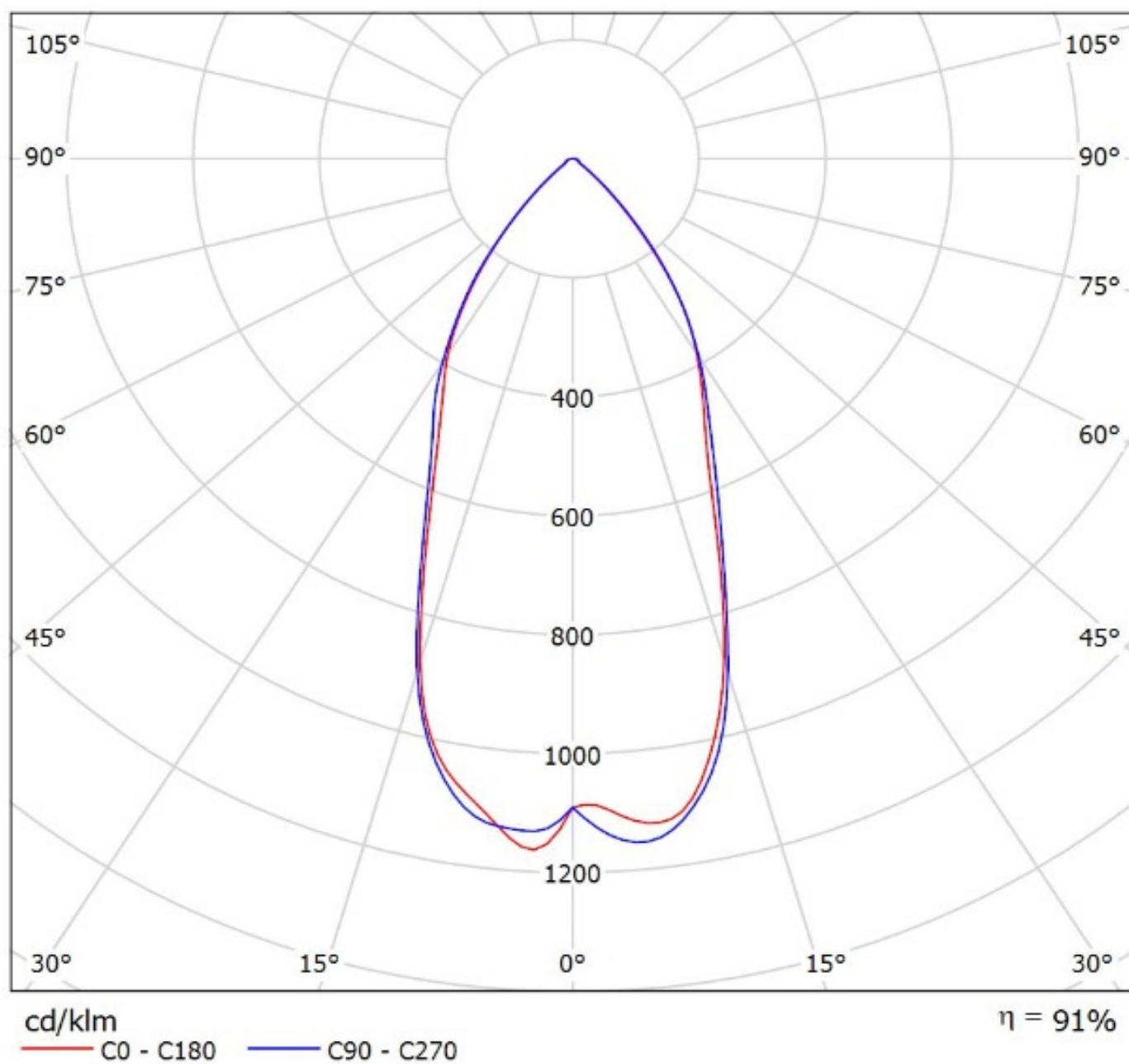


Luminaire: Ledil Oy CN14238\_WINNIE-W\_(Soleriq\_S9)\_SIMULATED  
Lamps: 1 x Osram Soleriq S9 (GW KAFJB3.EM)



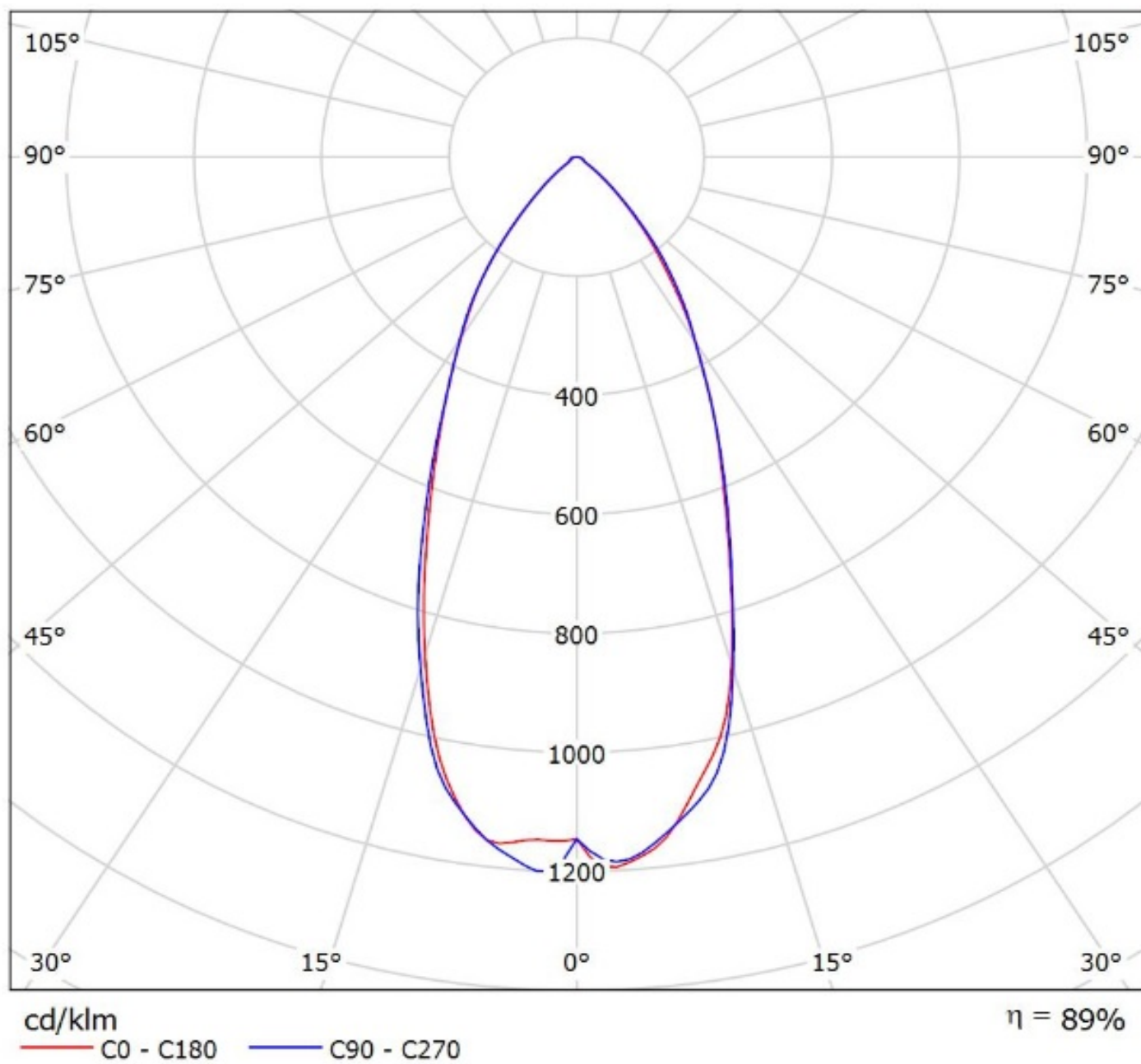


Luminaire: Ledil Oy CN14238\_WINNIE-W\_(LC010C)\_(479\_type\_L5)\_SIMULATED  
Lamps: 1 x Samsung LC101C + Bender & Wirth 479 Type L5

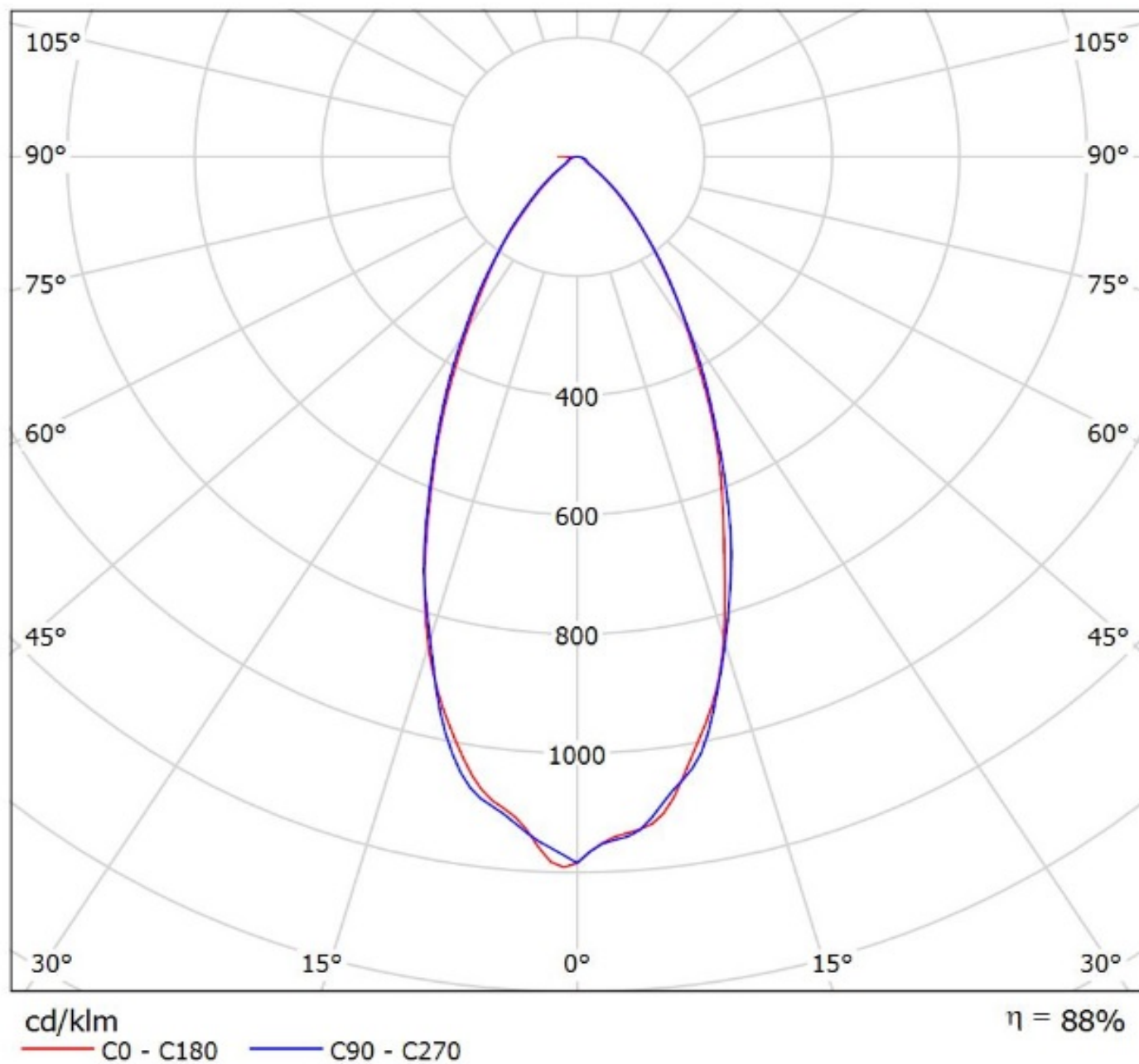




Luminaire: Ledil Oy CN14238\_WINNIE-W\_(LC020C)\_(B+W\_479\_Typ\_L5)\_SIMULATED  
Lamps: 1 x Samsung LC020C

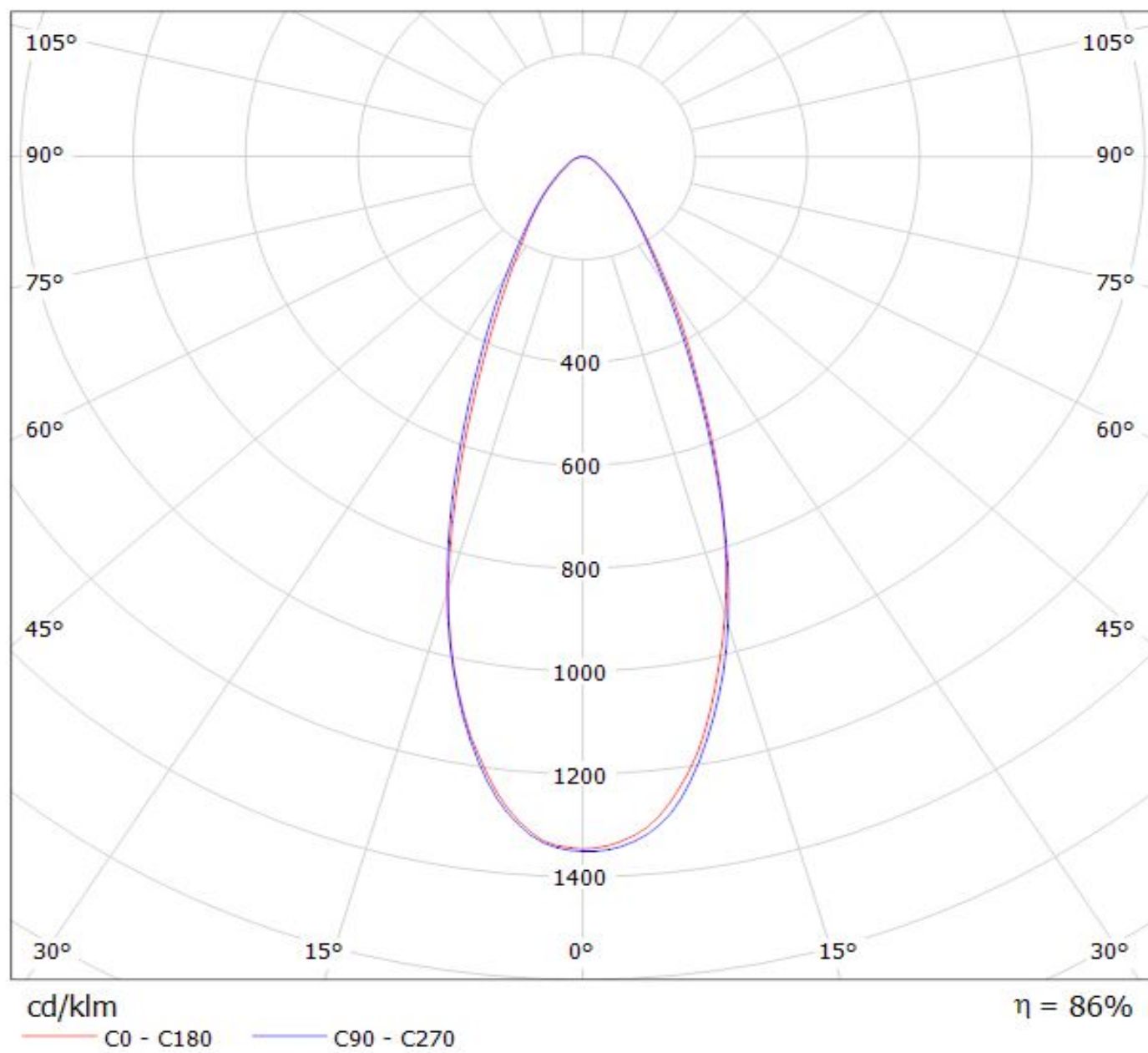


Luminaire: Ledil Oy CN14238\_WINNIE-W\_(LC040C)\_(B+W\_479\_Typ\_L5)\_SIMULATED  
Lamps: 1 x Samsung LC040C



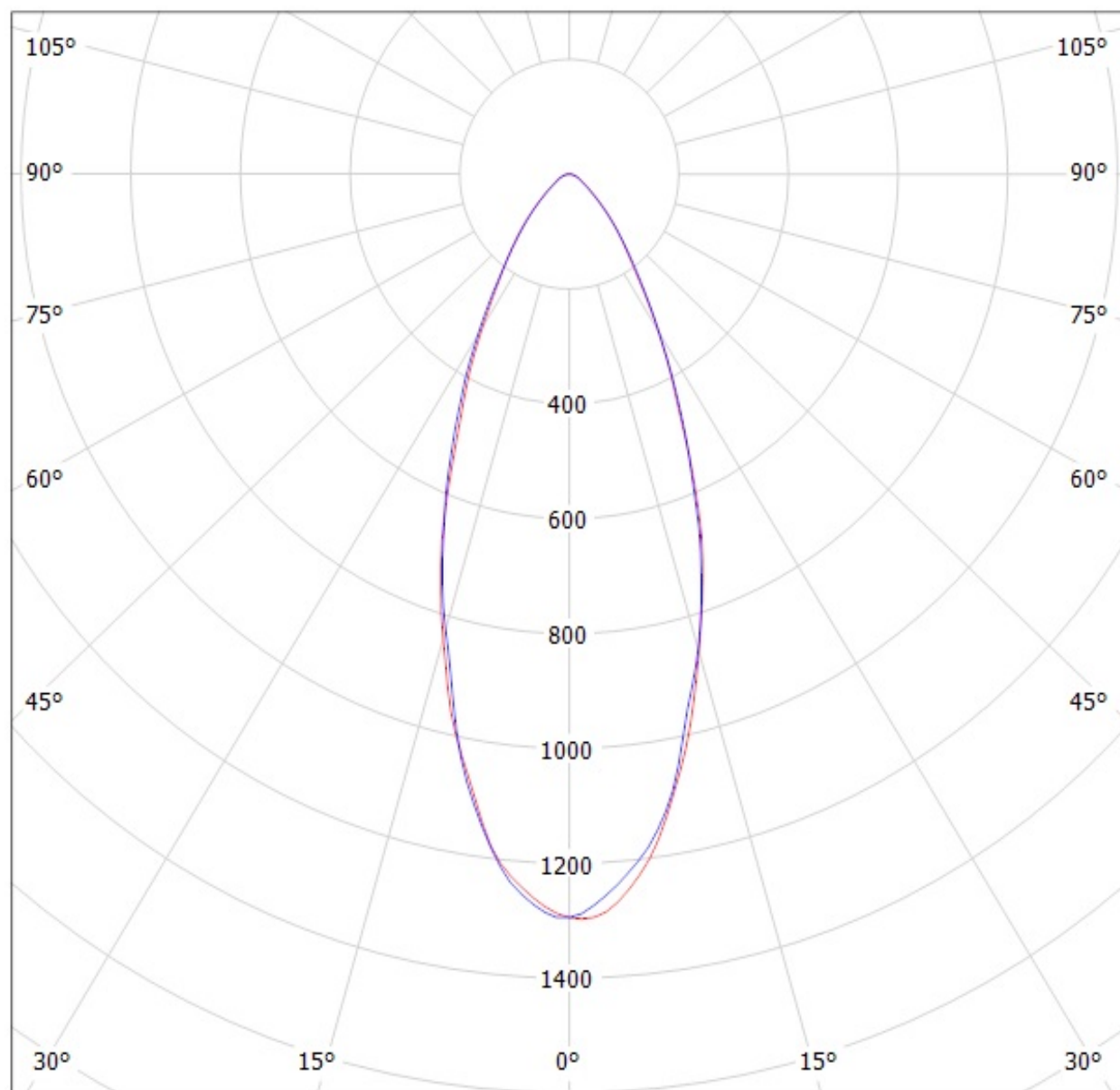
Luminaire: LEDiL Oy CN14238\_WINNIE-W\_(SLE-G5\_LES-11)

Lamps: 1 x Tridonic\_SLE-G5\_LES-15\_1138.42lm@250mA\_P=8.4110W\_I=0.250A



Luminaire: LEDiL Oy CN14238\_WINNIE-W\_(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

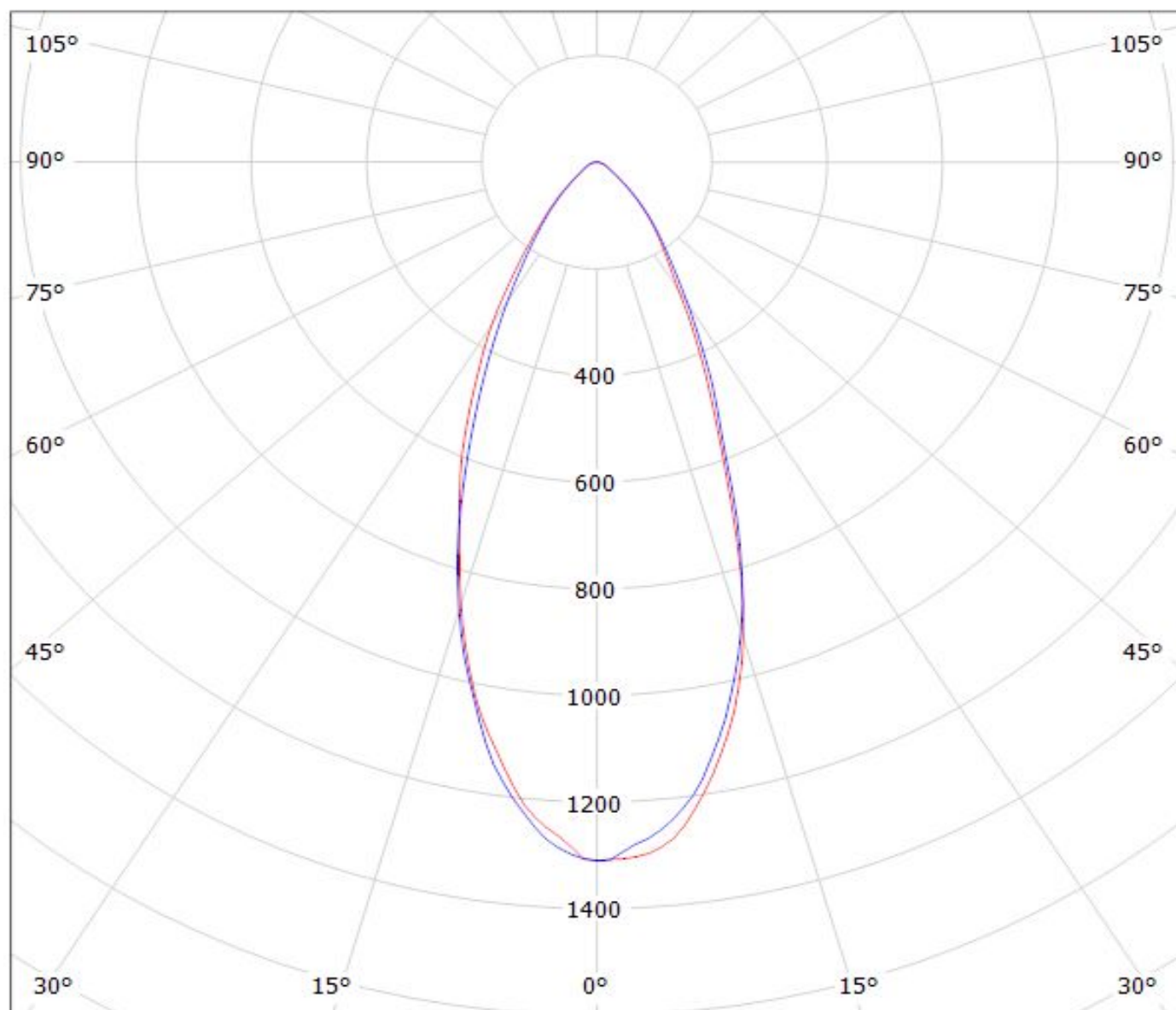
$\eta = 88\%$

— C0 - C180

— C90 - C270

Luminaire: LEDiL Oy CN14238\_WINNIE-W\_(CLU700)

Lamps: 1 x Citizen\_CLU700\_367.467lm@100mA\_P=2.77574W\_I=0.1002A



cd/klm

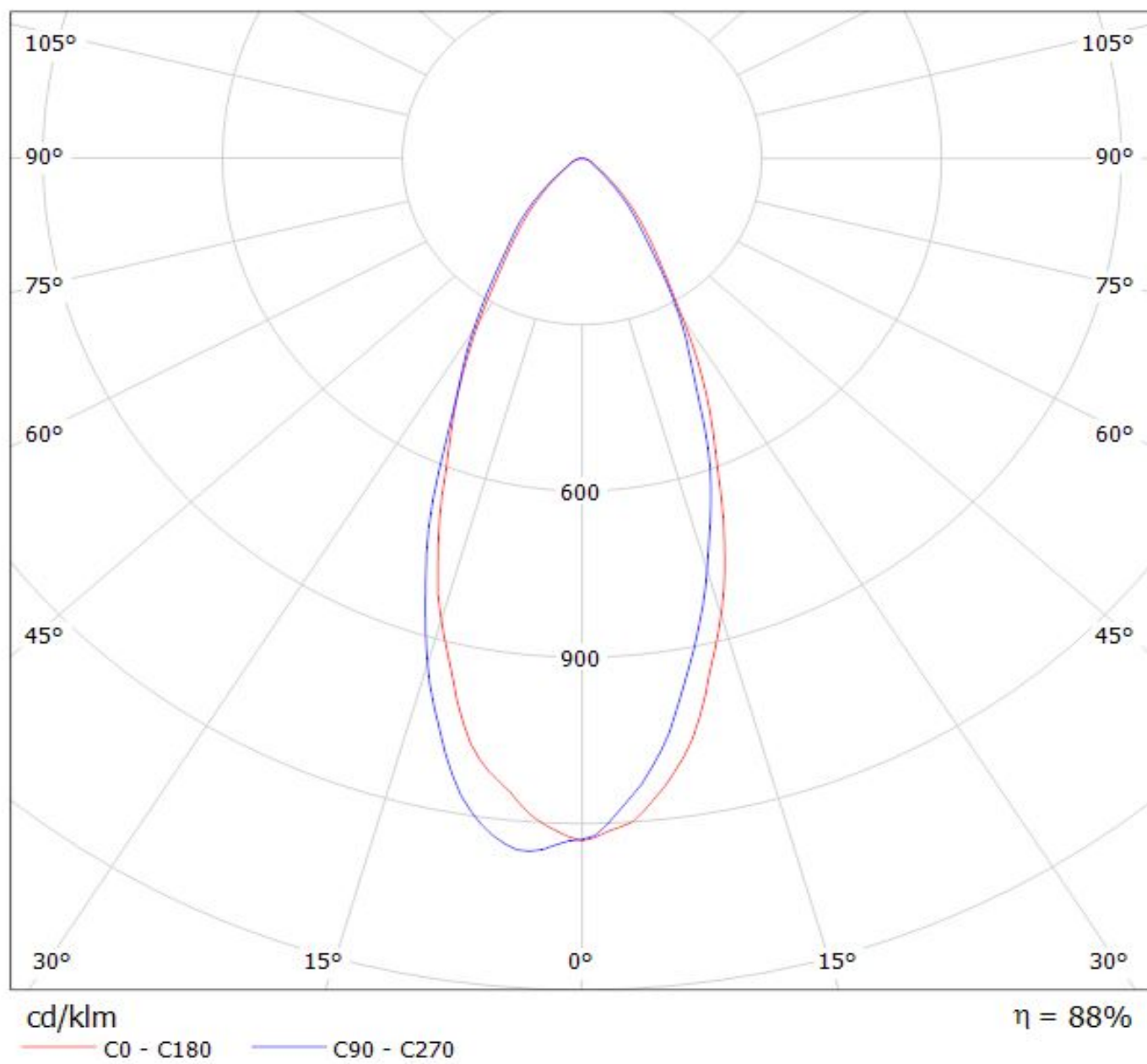
— C0 - C180

— C90 - C270

$\eta = 88\%$

Luminaire: LEDiL Oy CN14238\_WINNIE-W\_(SLE-G5\_LES-6)

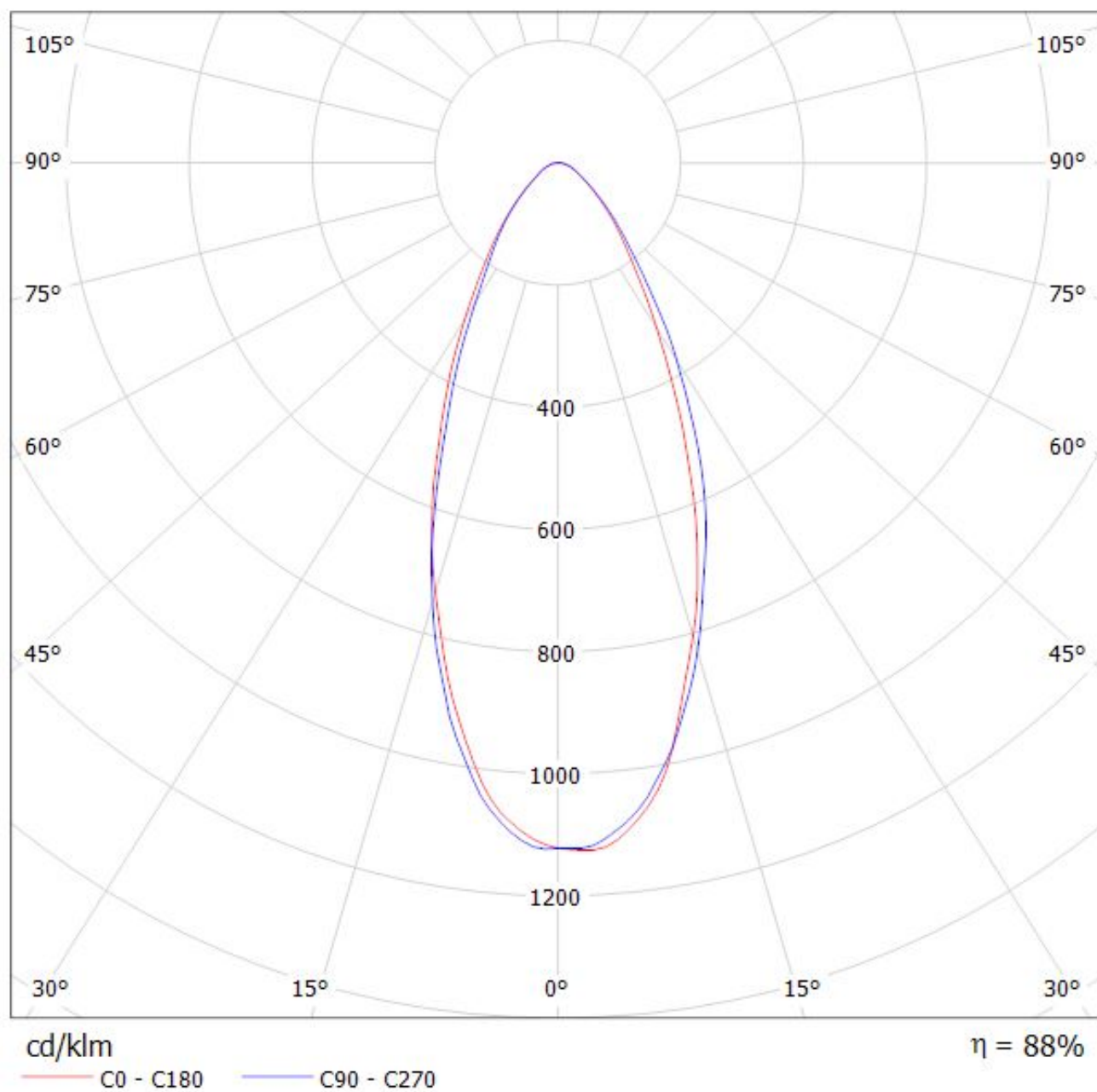
Lamps: 1 x Tridonic\_SLE-G5\_LES-6\_472.41lm@100mA\_P=3.3763W\_I=0.100A





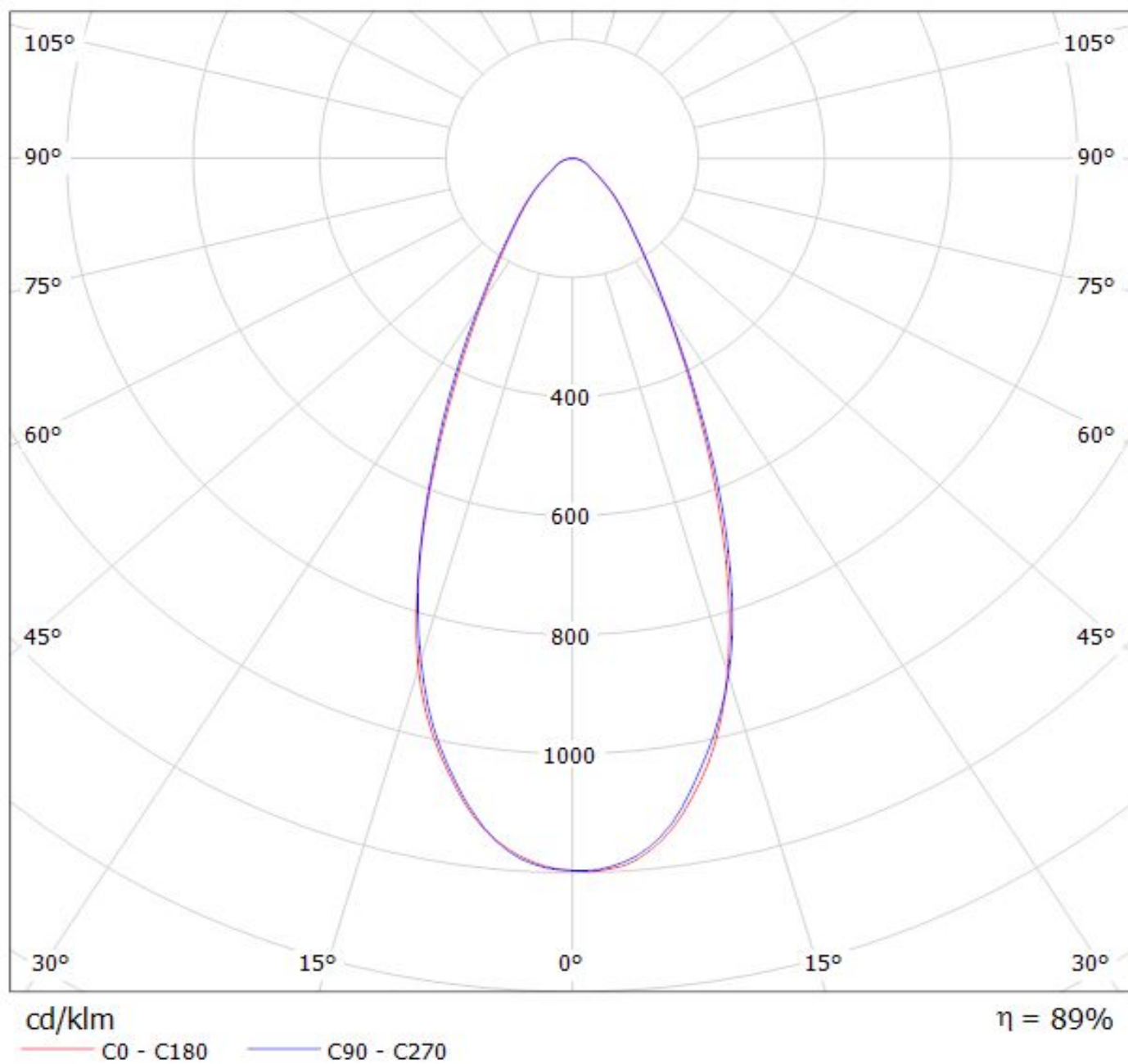
Luminaire: Ledil CN14238\_WINNIE-W\_(MHD-G)

Lamps: 1 x Cree MHD-G\_530.44lm@100mA\_P=3.0W\_I=0.100A



Luminaire: LEDiL Oy CN14238\_WINNIE-W\_(DMC125)

Lamps: 1 x DMC125+433\_Typ\_L5\_1101.77lm@250mA\_P=8.53017W\_I=250mA

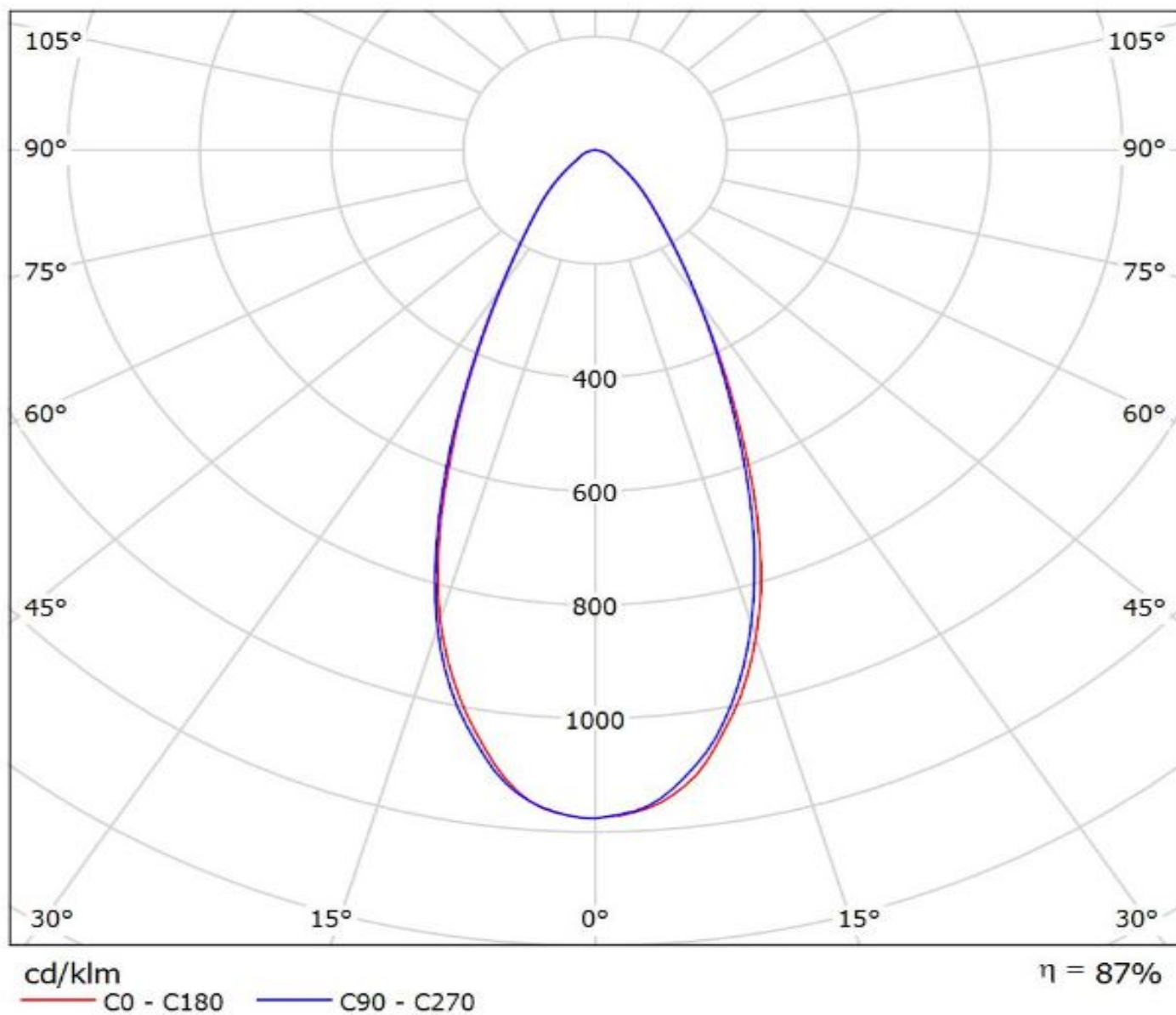




## Ledil CN14238\_WINNIE-W\_(CLU720) / LDC (Polar)

Luminaire: Ledil CN14238\_WINNIE-W\_(CLU720)

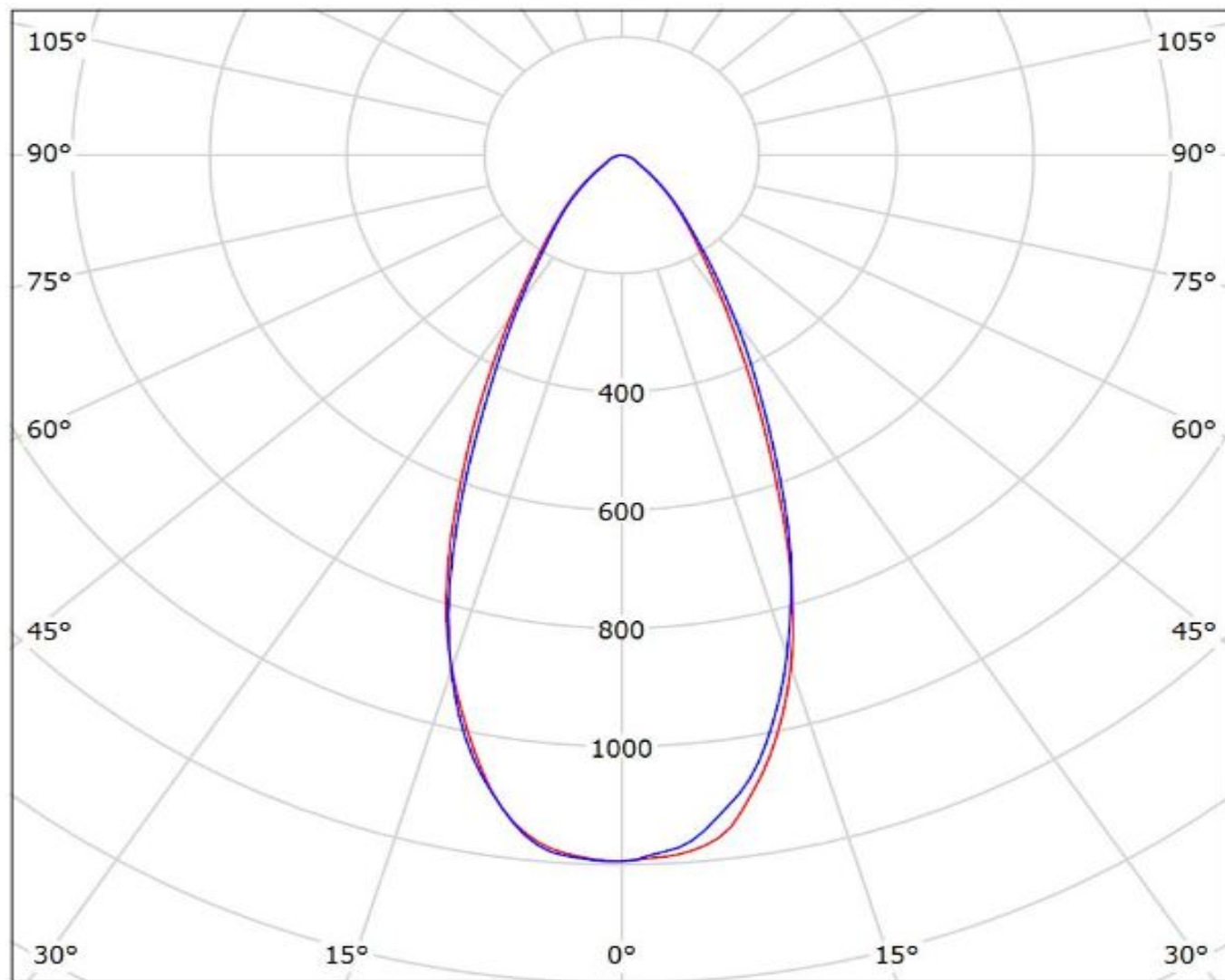
Lamps: 1 x Citizen\_CLU720\_(CLU720-1206B8-273M2G1)\_1253.68lm@250mA\_P=8.3W\_I=0.25A



## Ledil CN14238\_WINNIE-W\_(CLU710)\_(470\_Typ\_L5) / LDC (Polar)

Luminaire: Ledil CN14238\_WINNIE-W\_(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

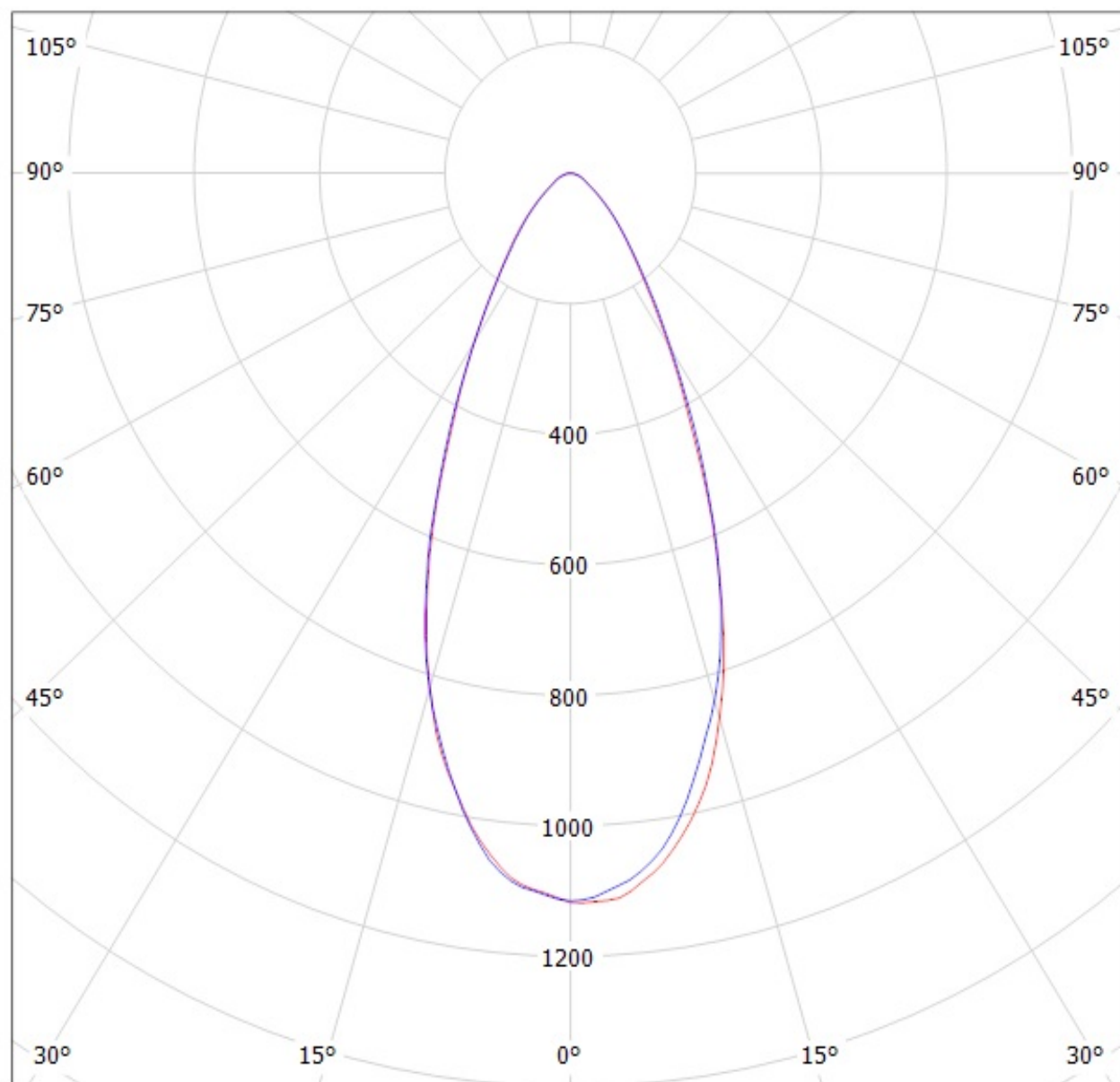
— C0 - C180

— C90 - C270

$\eta = 88\%$

Luminaire: LEDiL Oy CN14238\_WINNIE-W\_(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 CN14238\_WINNIE-W\_(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

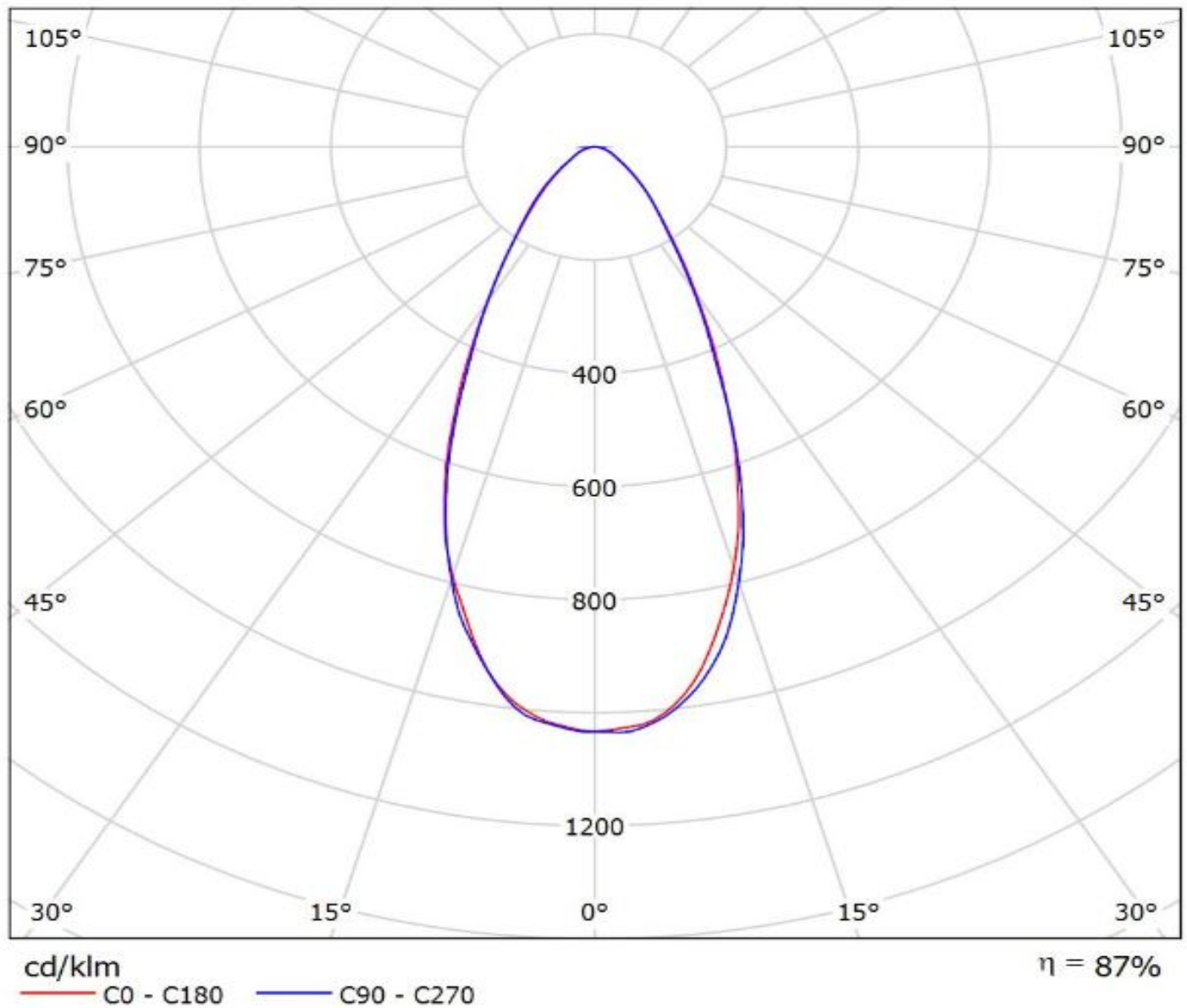
 $\eta = 87\%$ 

— C0 - C180      — C90 - C270

## Ledil CN14238\_WINNIE-W\_(CLU710) / LDC (Polar)

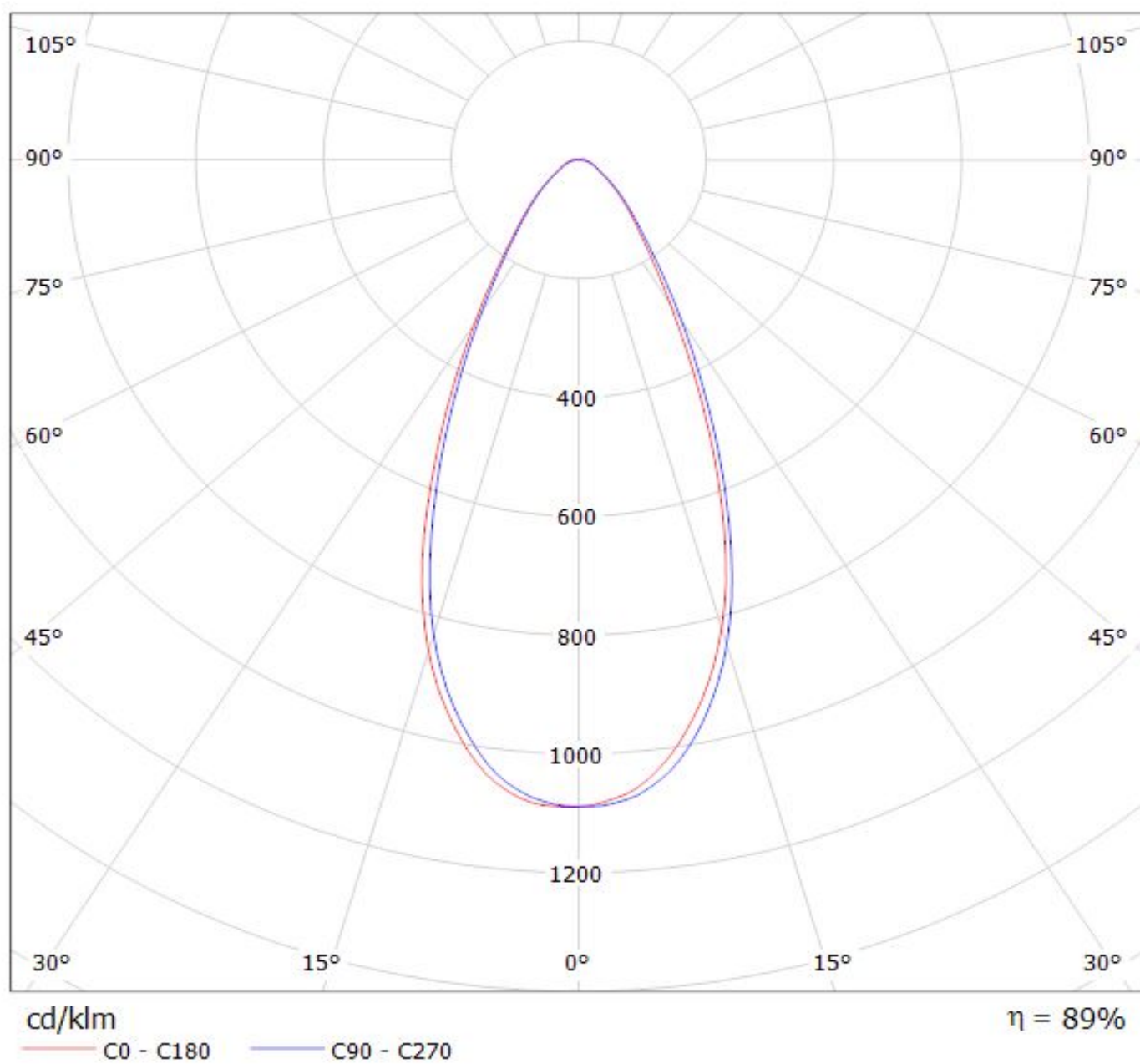
Luminaire: Ledil CN14238\_WINNIE-W\_(CLU710)

Lamps: 1 x CITIZEN\_CLU710\_(CLU710-1204B8-273M2G1)\_1210.56lm@250mA\_P=8.5W\_I=0.25A



Luminaire: LEDiL Oy CN14238\_WINNIE-W\_(SLE-G5\_LES-15)

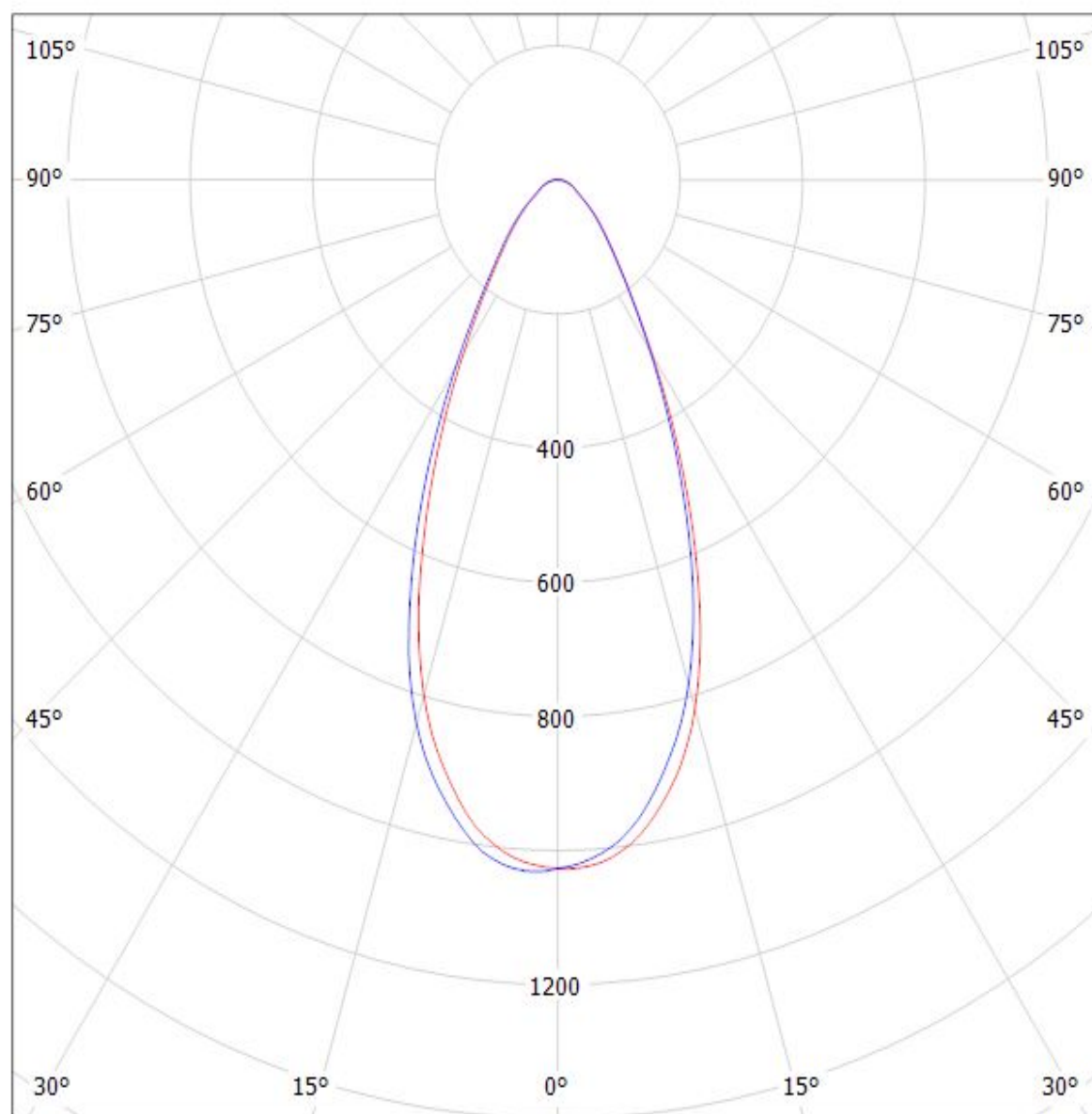
Lamps: 1 x Tridonic\_SLE-G5\_LES-15\_1267.45lm@250mA\_P=8.6695W\_I=0.250A





Luminaire: LEDiL Oy CN14238\_WINNIE-W\_(CLU034)

Lamps: 1 x Citizen\_CLU034\_(CLL034-1205B8-303M1A2)\_+\_B+W\_433\_Typ\_L5\_1154.06lm@250mA\_P=8.45523W\_I=250mA



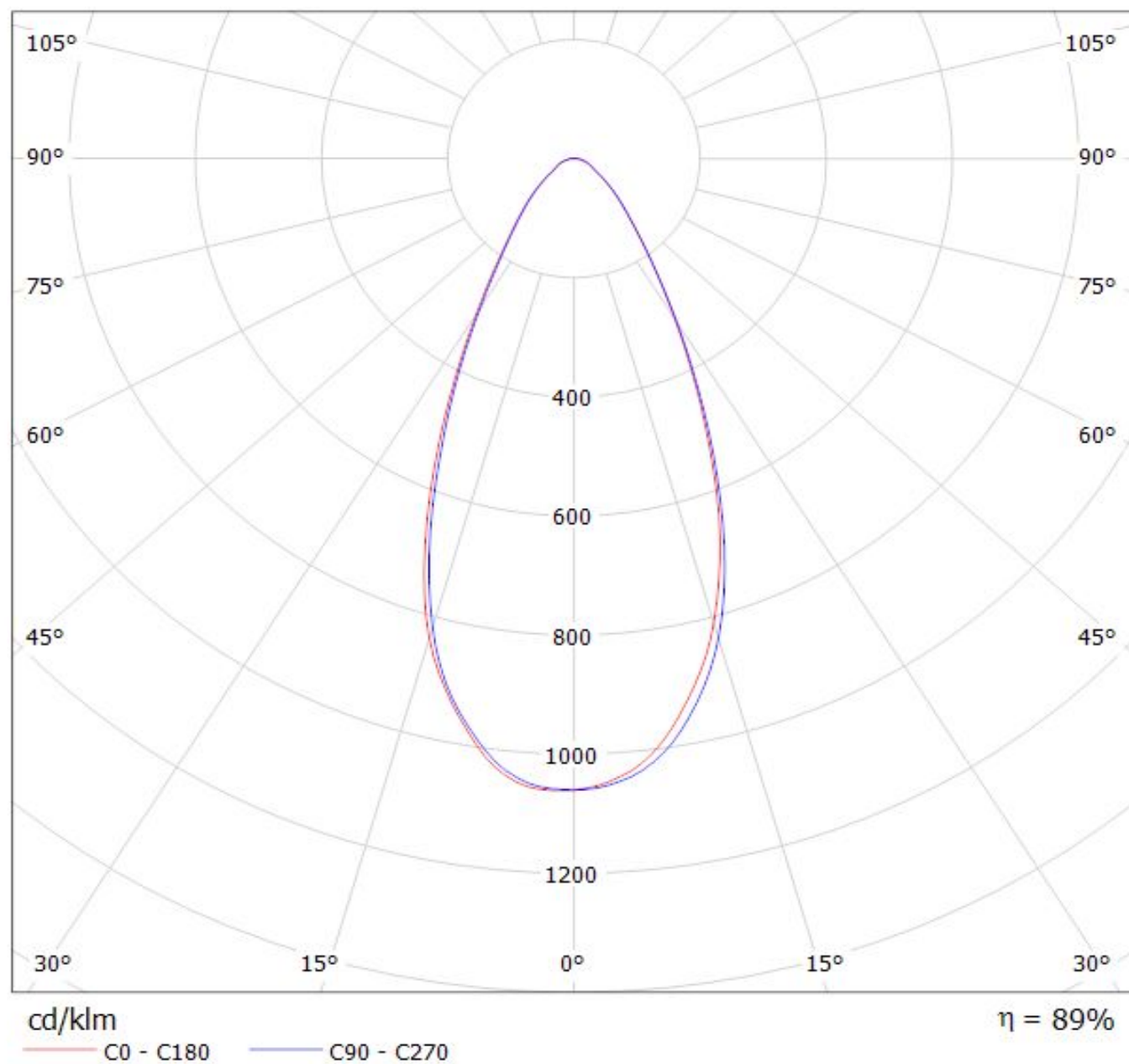
cd/klm

$\eta = 88\%$

— C0 - C180 — C90 - C270

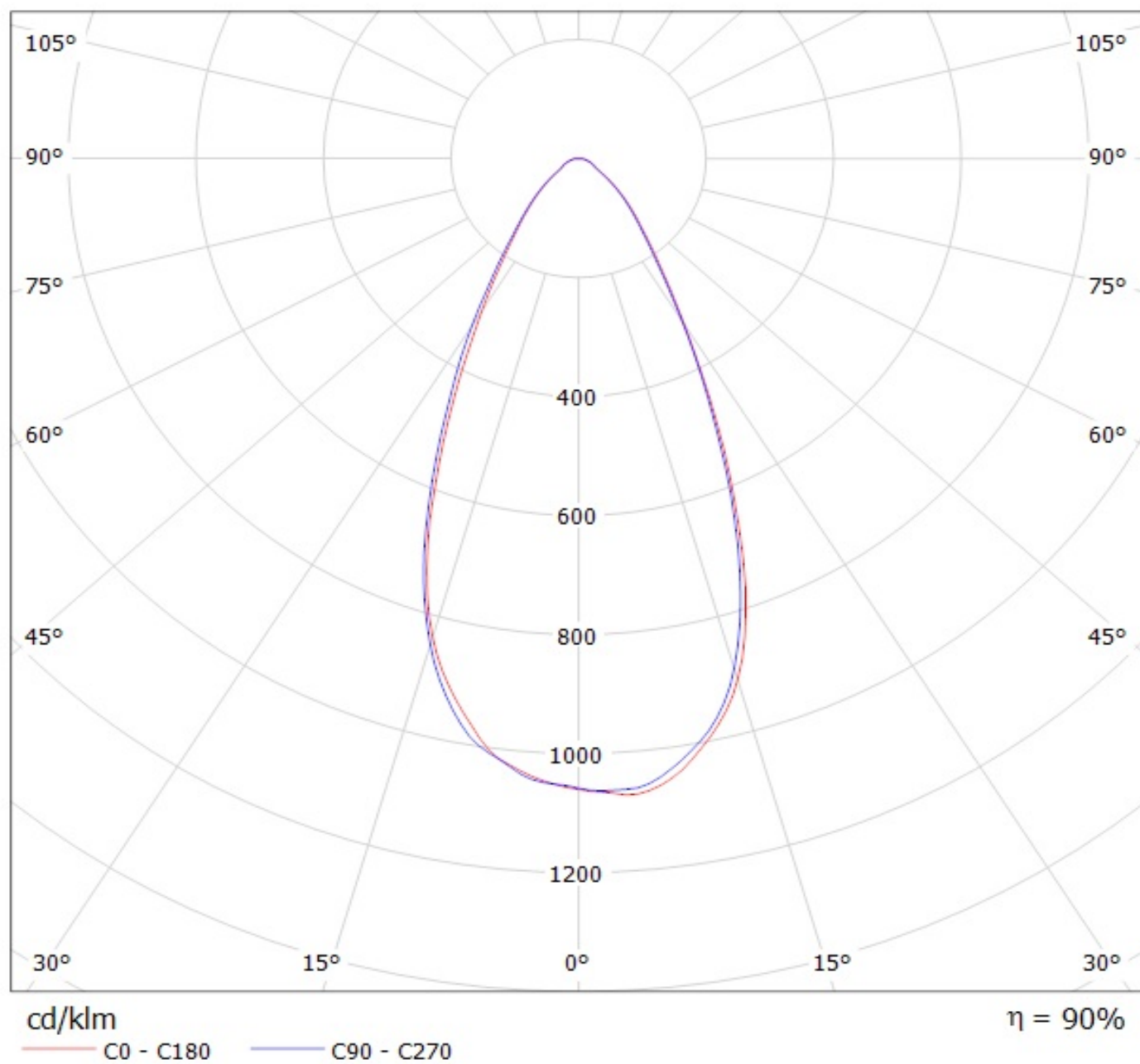
Luminaire: LEDiL Oy CN14238\_WINNIE-W\_(ZC12)

Lamps: 1 x Seoul\_ZC12\_(SDW82F1C)\_+\_B+W\_433\_Typ\_L5\_1217.21lm@250mA\_P=8.64733W\_I=250mA



Luminaire: LEDiL Oy CN14238\_WINNIE-W\_(VERO10)

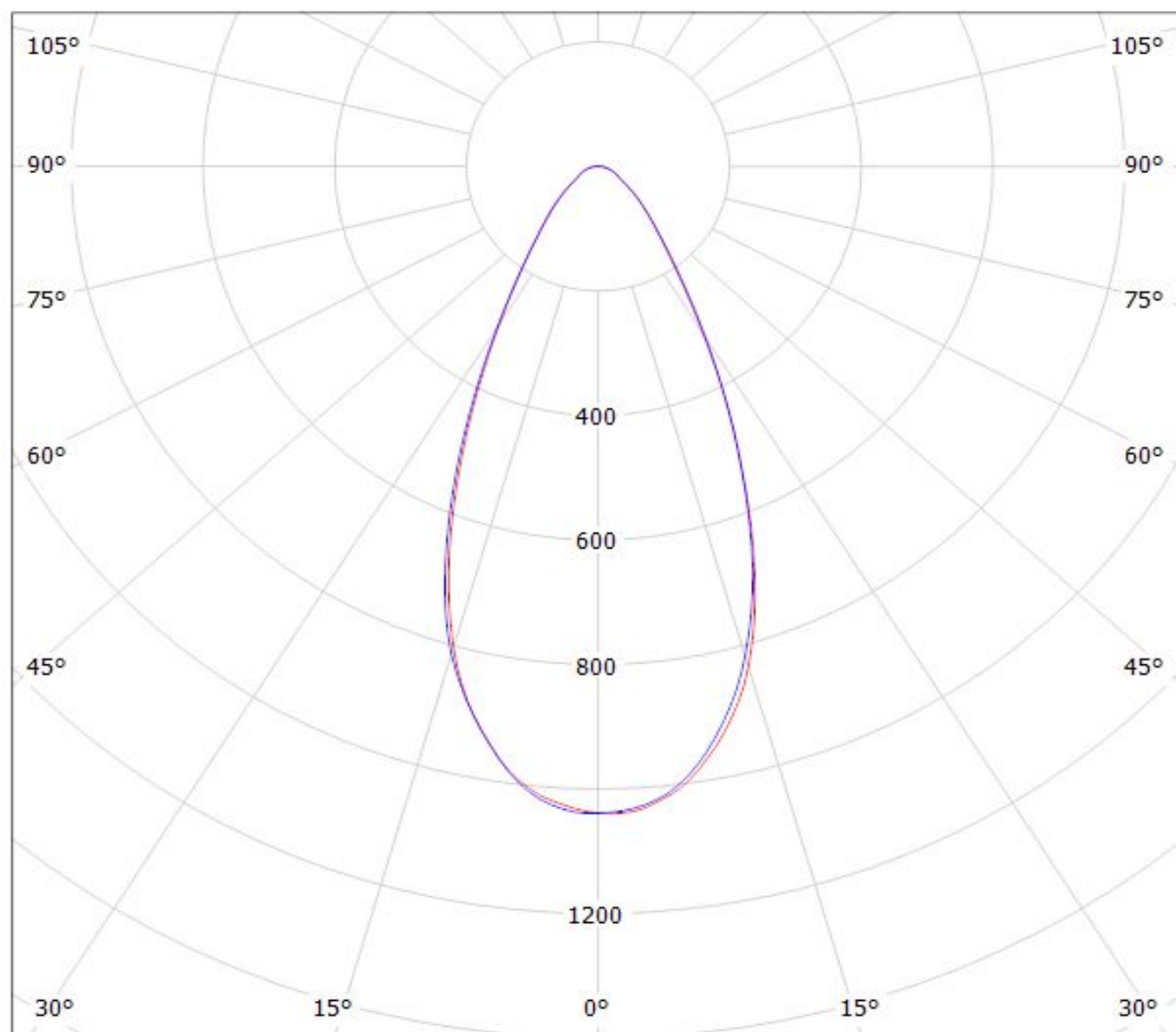
Lamps: 1 x Bridgelux\_VERO10\_(301000B)\_758.633lm@250mA\_P=6.35346W\_I=0.2499A





Luminaire: LEDiL Oy CN14238\_WINNIE-W\_(DMC128)

Lamps: 1 x DMC128+433\_TYP\_L5\_825.549lm@250mA\_P=8.28162W\_I=250mA



cd/klm

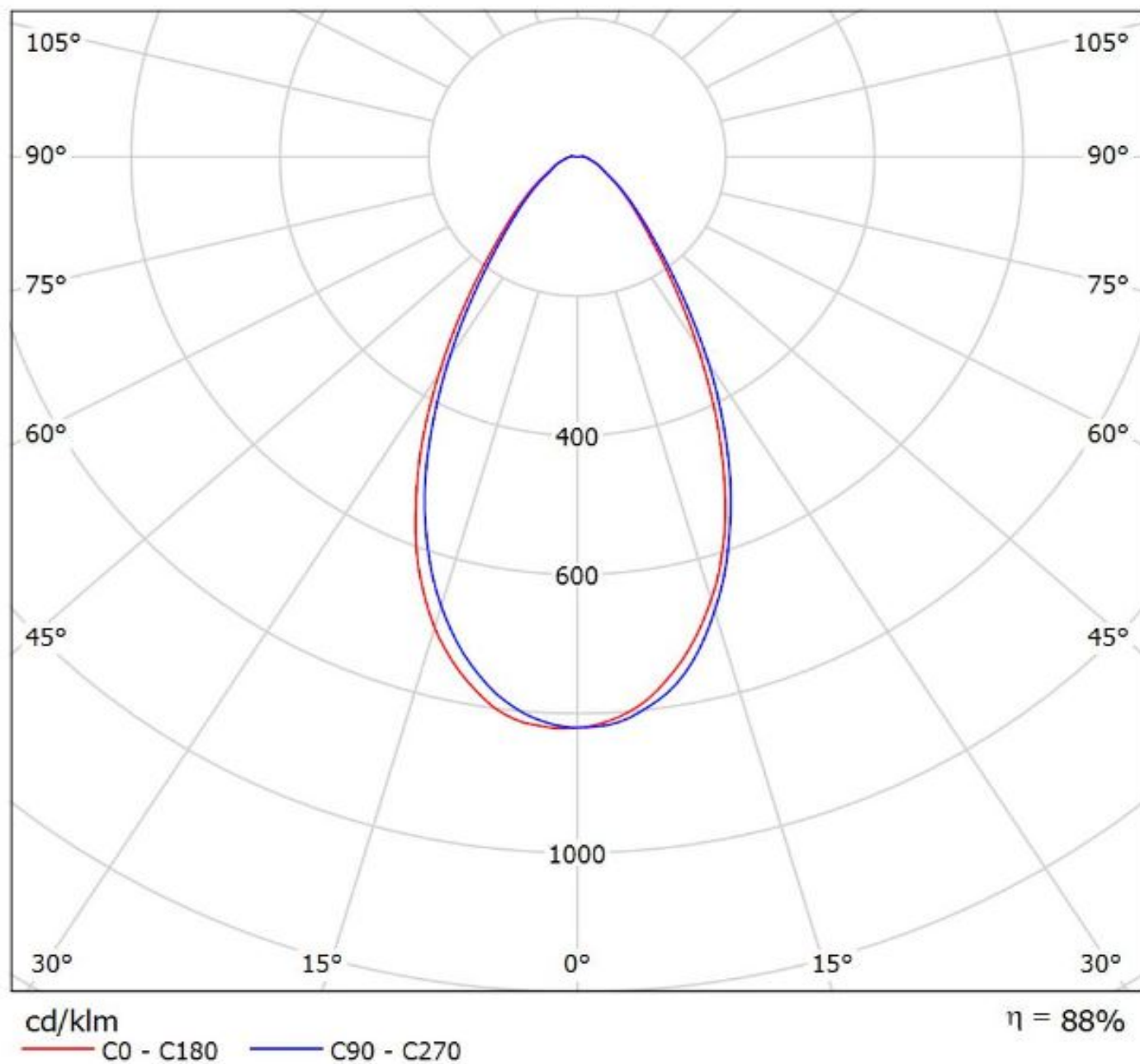
— C0 - C180

— C90 - C270

$\eta = 88\%$

Luminaire: Ledil CN14238\_WINNIE-W\_(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.