

DETAILS

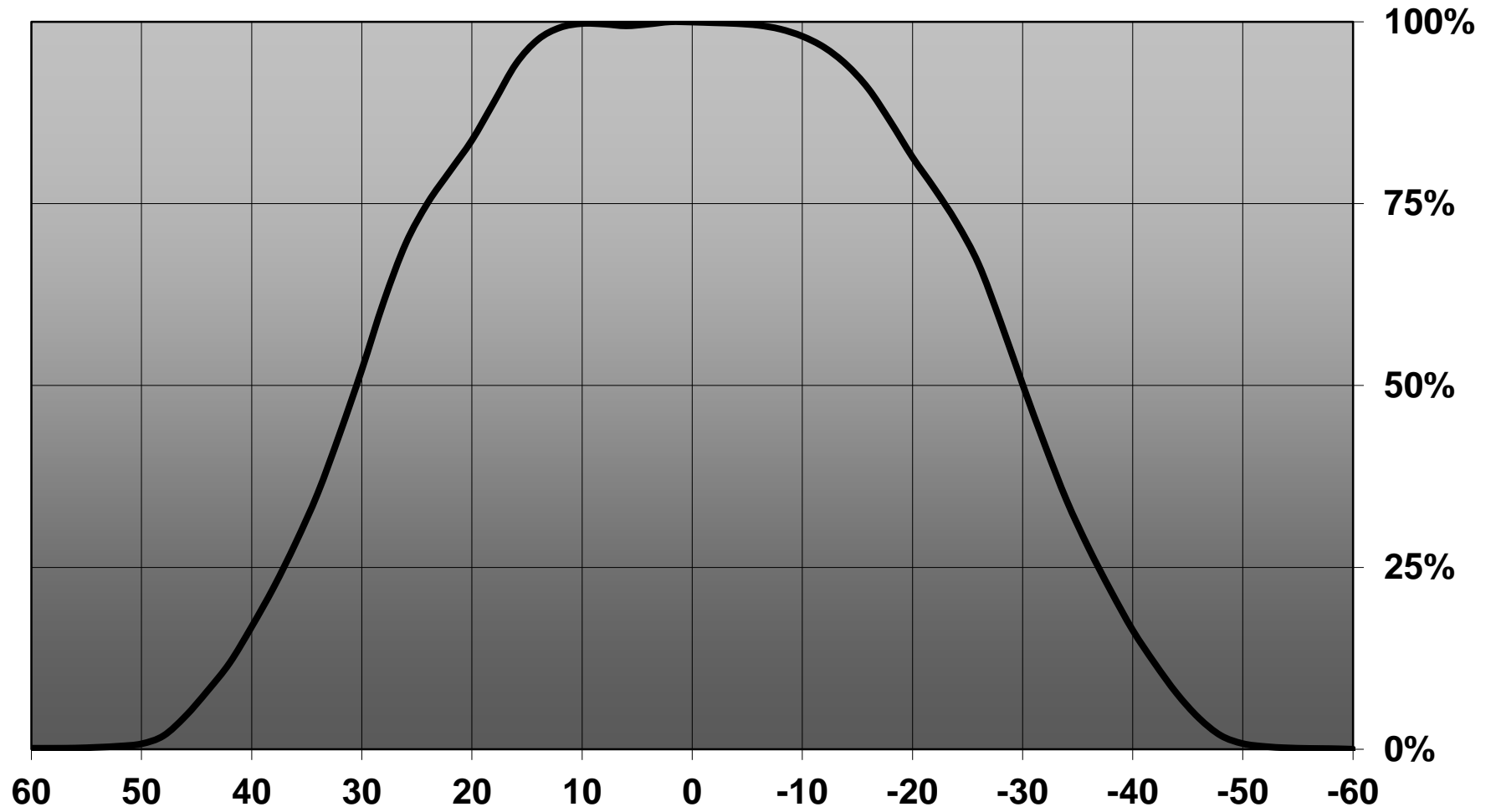
Product Number	C13555_BRIDGET-W-UNI
Family	Bridget
Type	Reflector
Color	metal
Diameter	22,6 mm
Height	12,8 mm
Style	hexag
Optic Material	PC
Holder Material	
Fastening	glue
Status	production ready
ROHS Compliant	Yes
Date Updated	11/12/2015



OPTICAL PROPERTIES

LED	Viewing	Light	Effi-		Connector
	Angle	Beam	ciency	cd/lm	
BXRA ES Star	63 deg	Wide	86 %	0.900	-
CLL02x/CLU02x (LES10)	62 deg	Wide	87 %	0.900	-
CLU700/701	54 deg	Wide	88 %	1.100	-
CXA/B 15xx	60 deg	Wide	87 %	1.000	-
CXM-9	62 deg	Wide	87 %	0.900	-
Soleriq P9	61 deg	Wide	87 %	1.000	-
Soleriq S9	sim: 61	Wide	sim: 89 %	sim: 0.970	-
COB D Series LES 9.8 mm	61 deg	Wide	89 %	0.950	-
Mini Zenigata (GW5BM)	62 deg	Wide	87 %	1.000	-
SLE G5 LES6	50 deg	Wide	88 %	1.200	-
SLE G5 LES11	62 deg	Wide	84 %	0.890	-

Relative intensity of C13555_BRIDGET-W-UNI_(Soleriq P9)

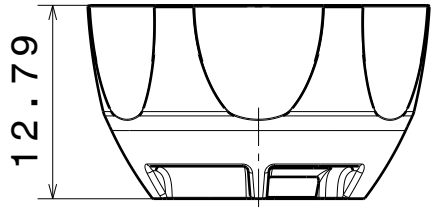


D

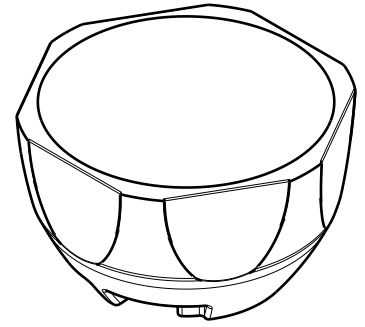
C

B

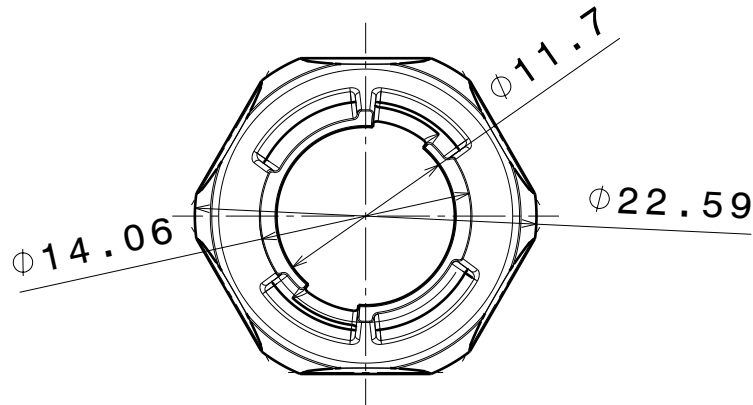
A



Front view



Isometric view



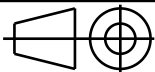
Bottom view

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 Oy
 Salorankatu 10
 FIN 24240 SALO
 Finland

THIRD ANGLE PROJECTION:



DRAWING TITLE

BRIDGET_UNI_Datasheet

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SIZE	PART NUMBER
A4	-

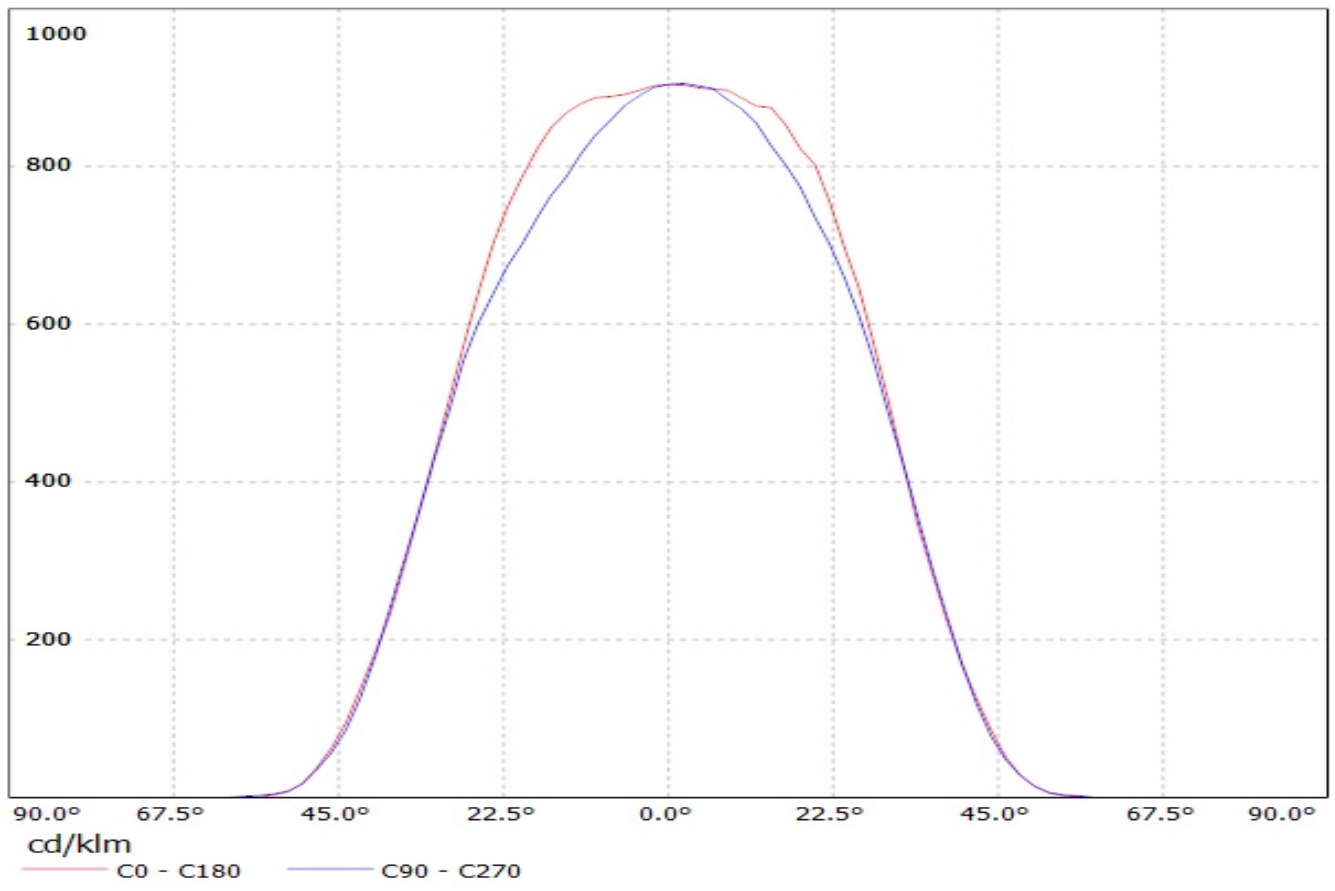
SCALE	2:1	WEIGHT	-
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SHEET	1/1
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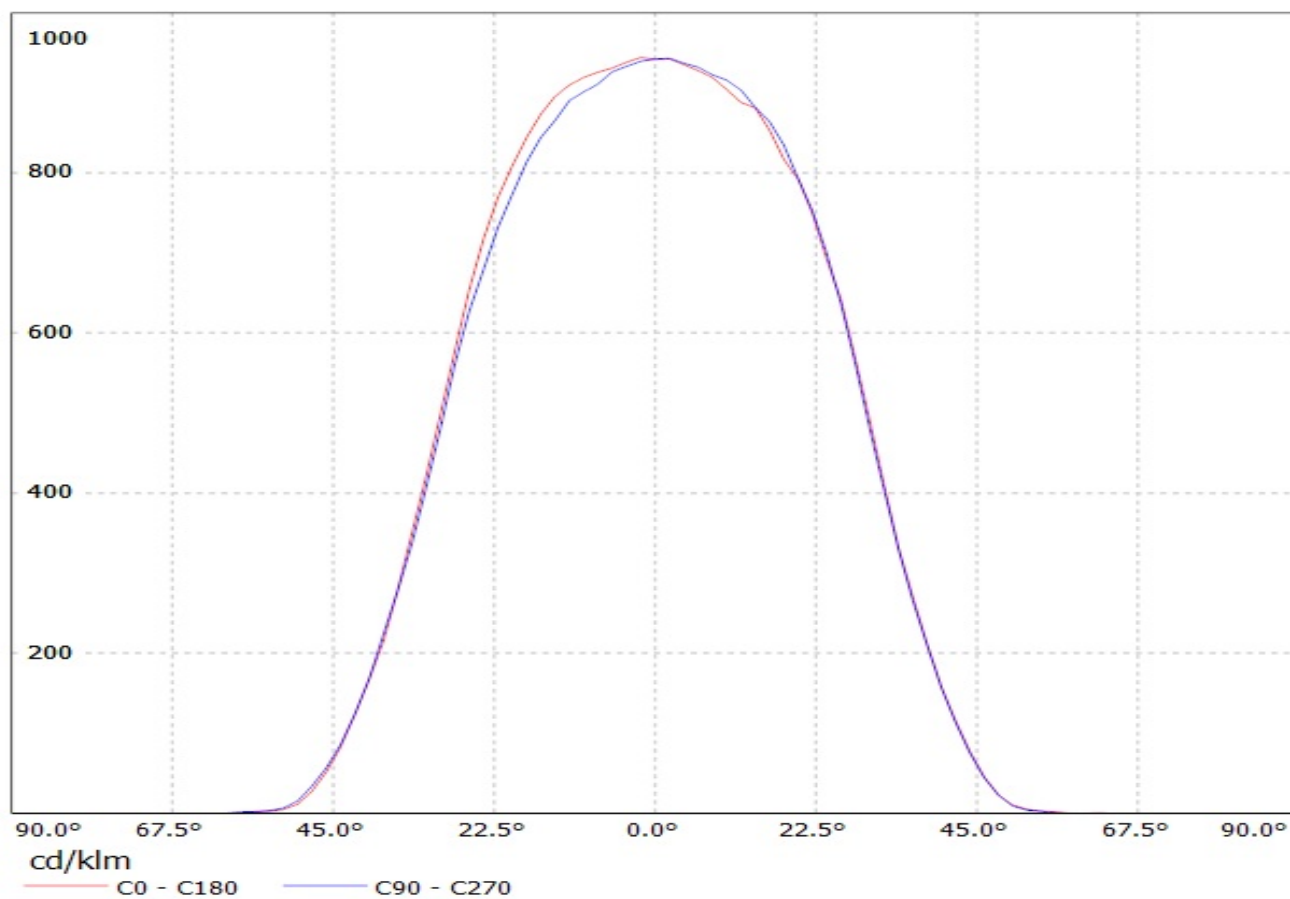
D

A

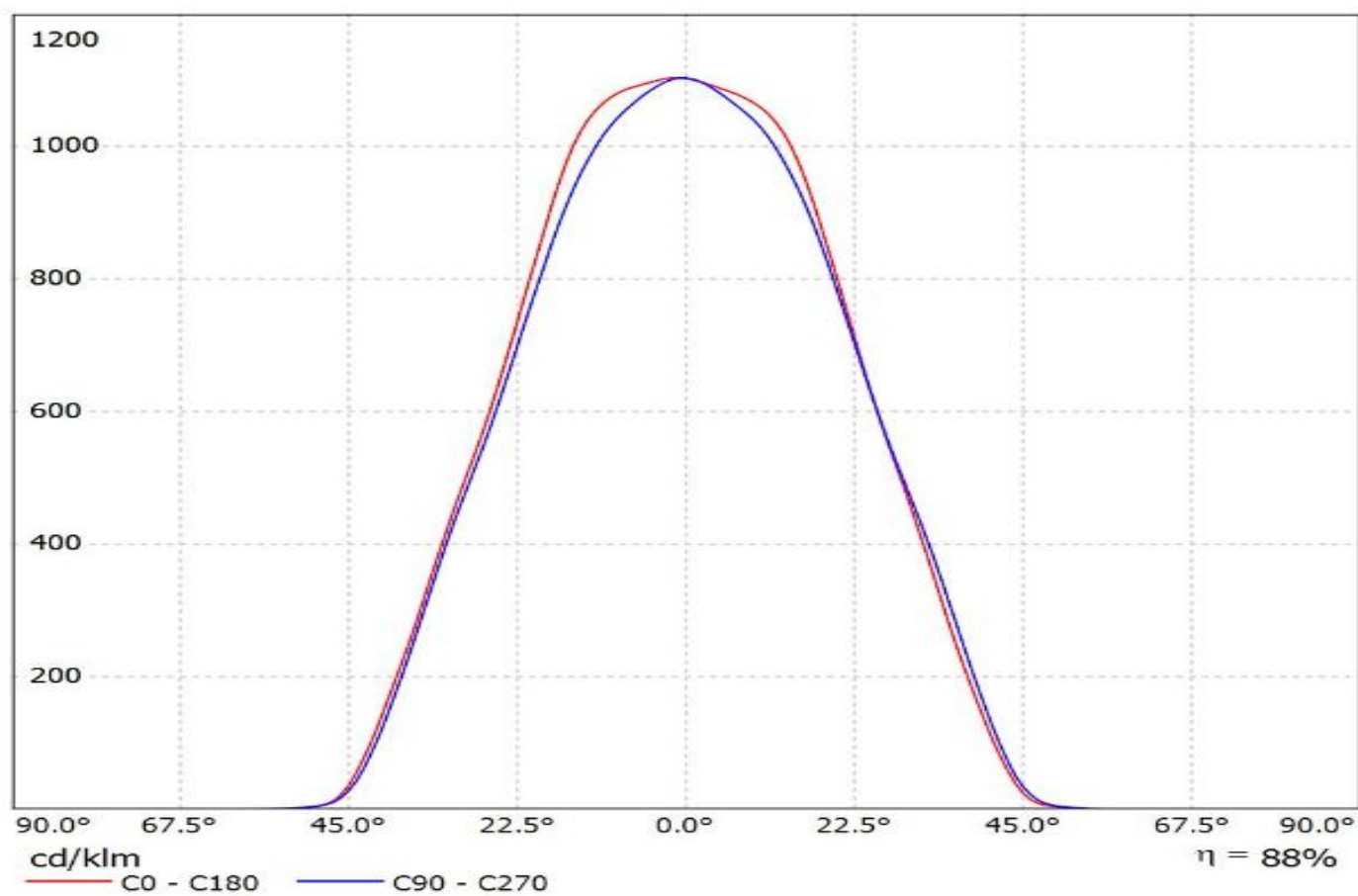
Luminaire: LEDil Oy C13555_BRIDGET-W-UNI_(BXRA_ES_STAR) Efficiency=86%
Lamps: 1 x Bridgelux BXRA ES Star (C0402) 203lm @ 250mA CCT=7300K P=2.2W I=250mA



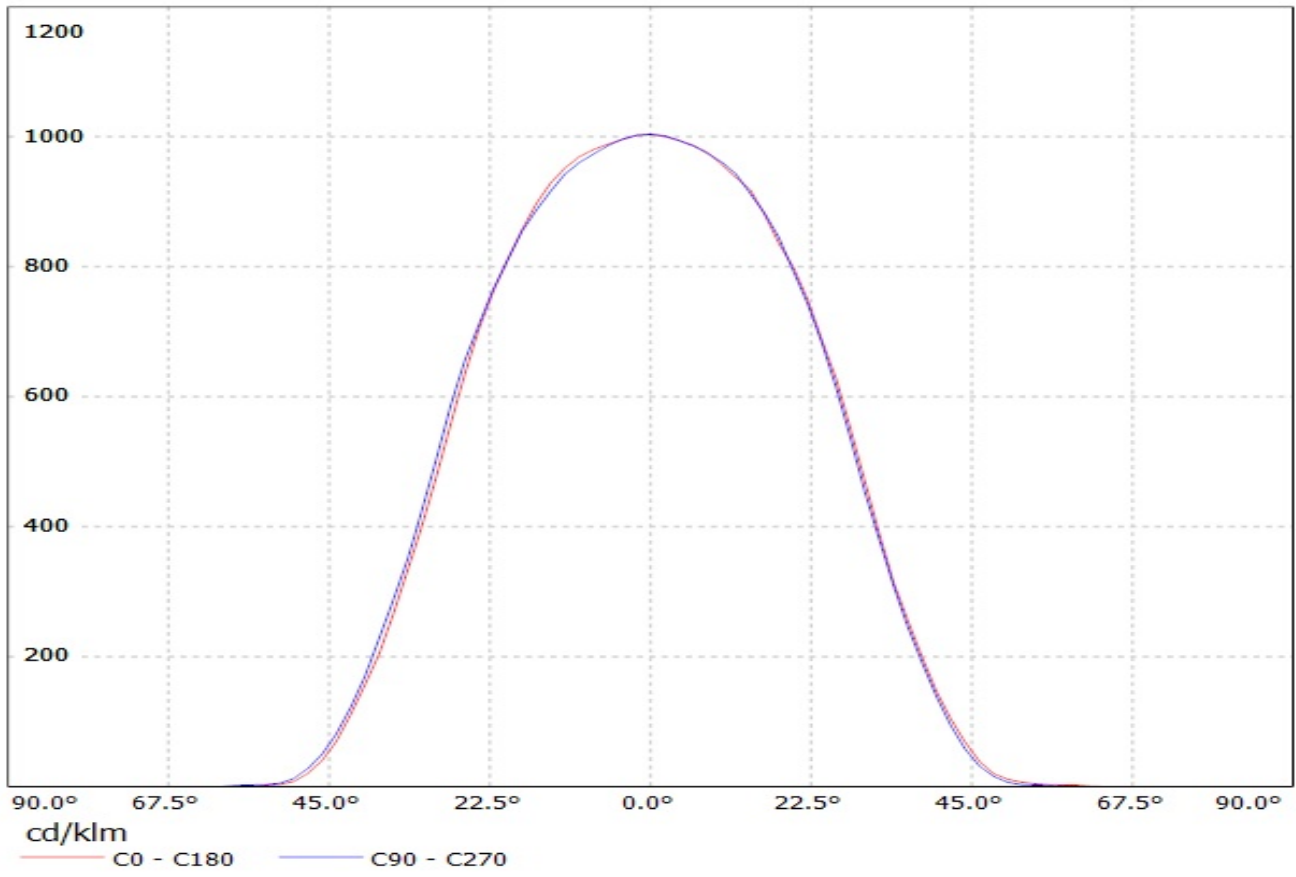
Luminaire: LEDil Oy C13555_BRIDGET-W-UNI_(CLL020) Efficiency=87%
Lamps: 1 x Citizen CLL020 (CLL020-1202A5-303H1A7) 515lm @ 250mA CCT=3000K P=9.3W I=250mA



Luminaire: Ledil C13555_BRIDGET-W-UNI_(CLU700)
Lamps: 1 x Citizen_CLU700_394.637lm@100mA_P=2.8W_I=0.10A

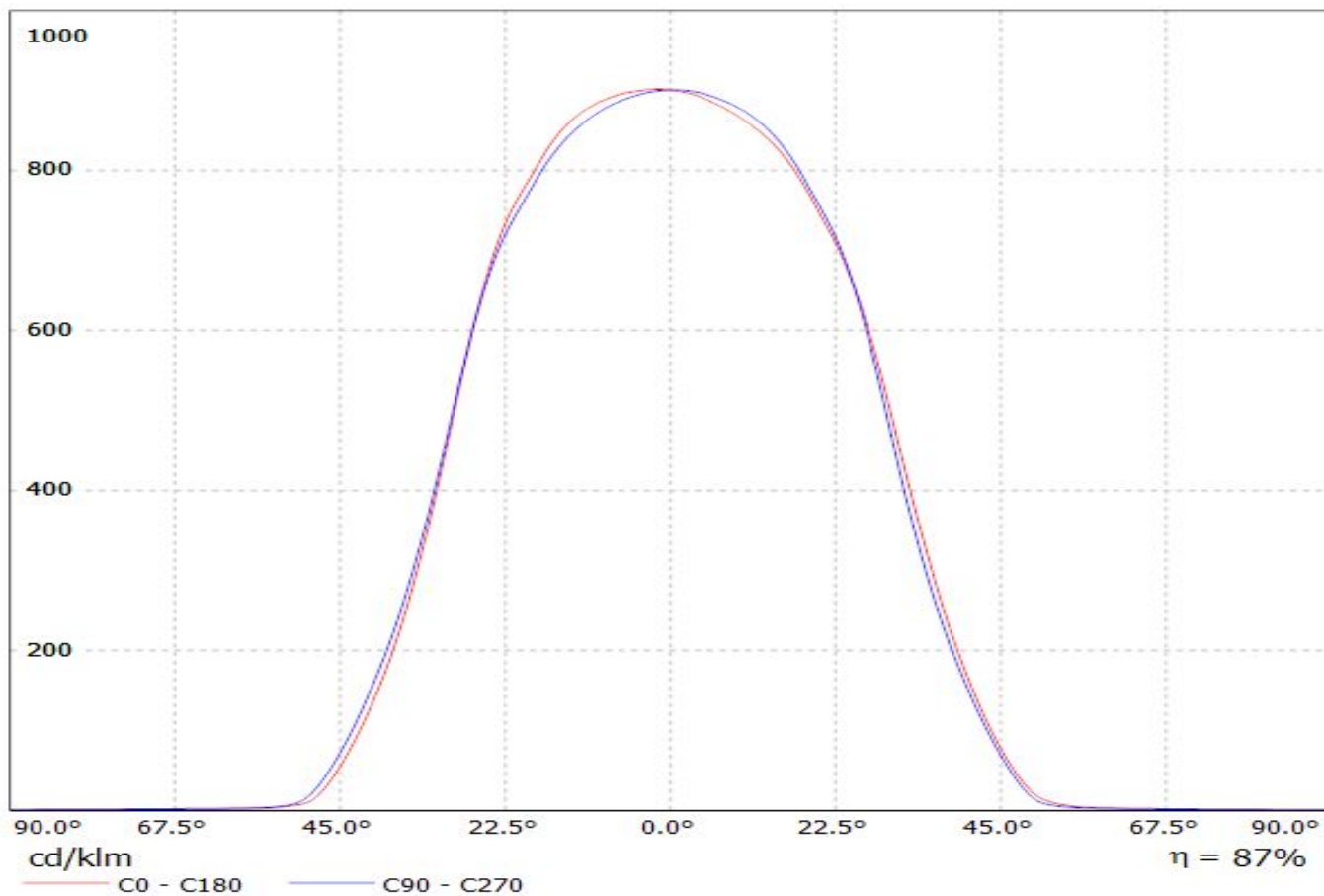


Luminaire: Ledil Oy C13555_BRIDGET-W-UNI_(CXA15) Efficiency=87%
Lamps: 1 x Cree CXA1507 (CXA1507-30F-F2-N0A-00000) 219lm @ 50mA CCT=3100K P=1.7W I=50mA

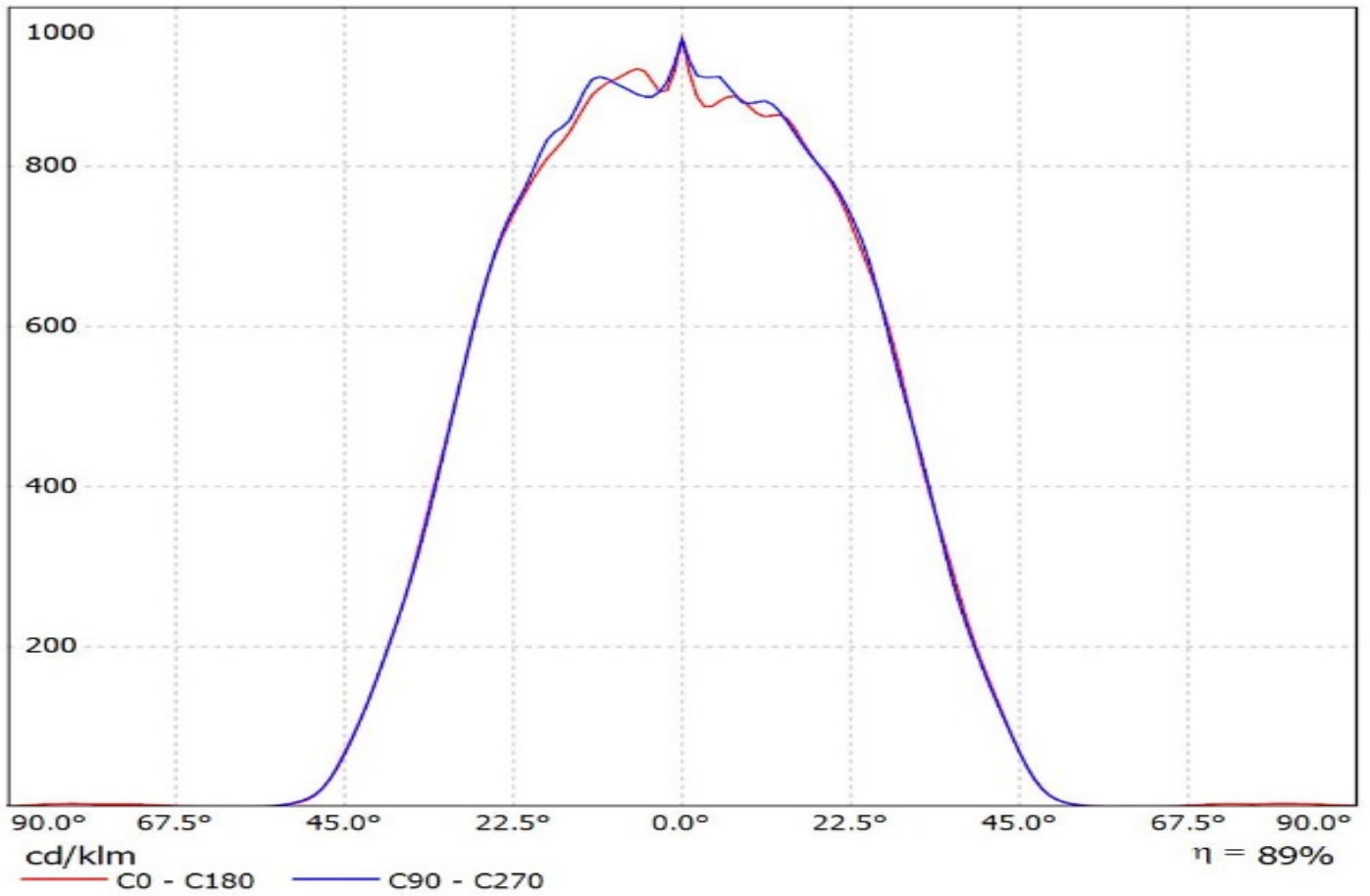


Luminaire: LEDiL Oy C13555_BRIDGET-W-UNI_(CXM-9)

Lamps: 1 x Luminus_XNOVA_CXM-9_(AA00)_977.302lm@240mA_P=8.28264W_I=240mA

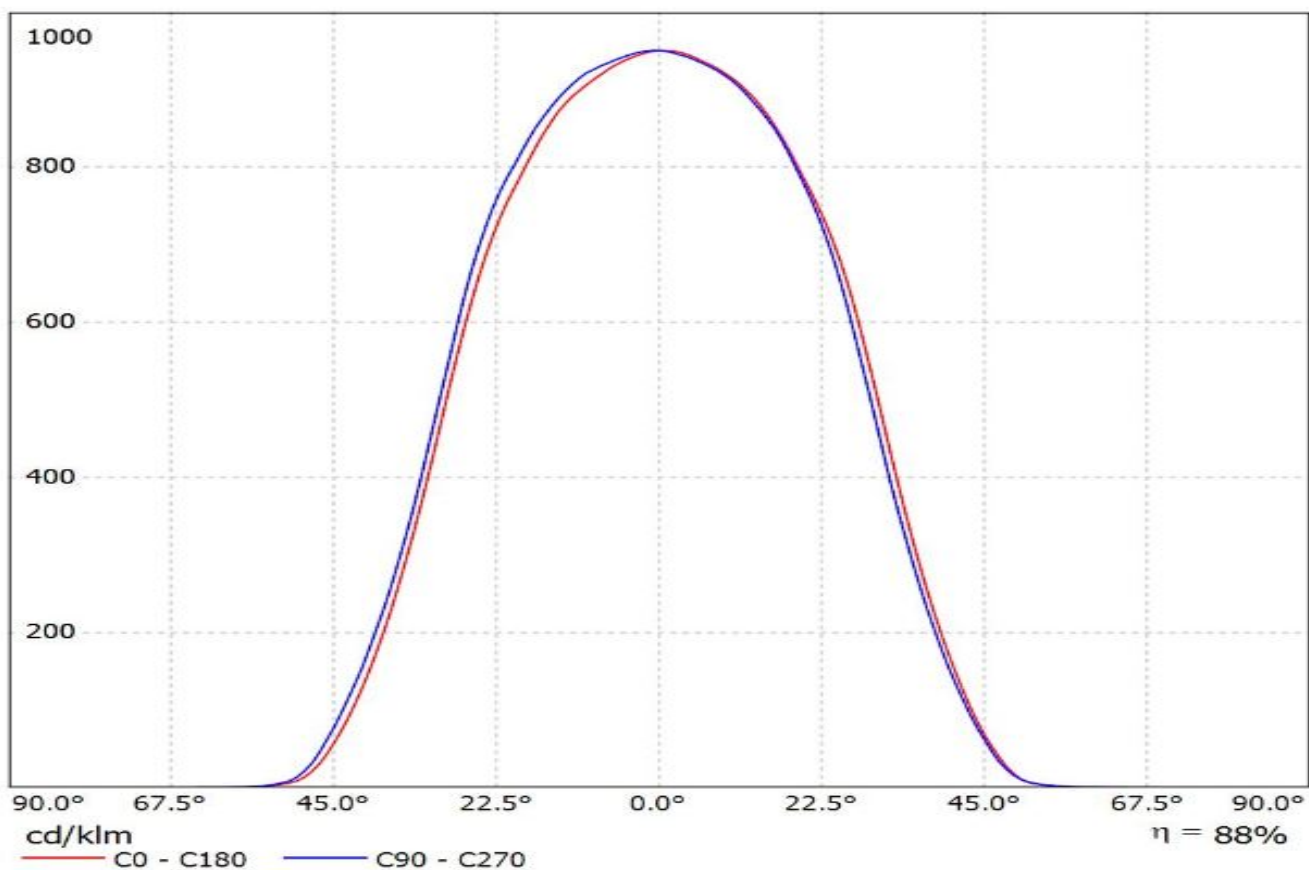


Luminaire: Ledil Oy C13555_BRIDGET-W-UNI_(Soleriq_S9)_SIMULATED
Lamps: 1 x Osram Soleriq S9 (GW KAFJB3.EM)

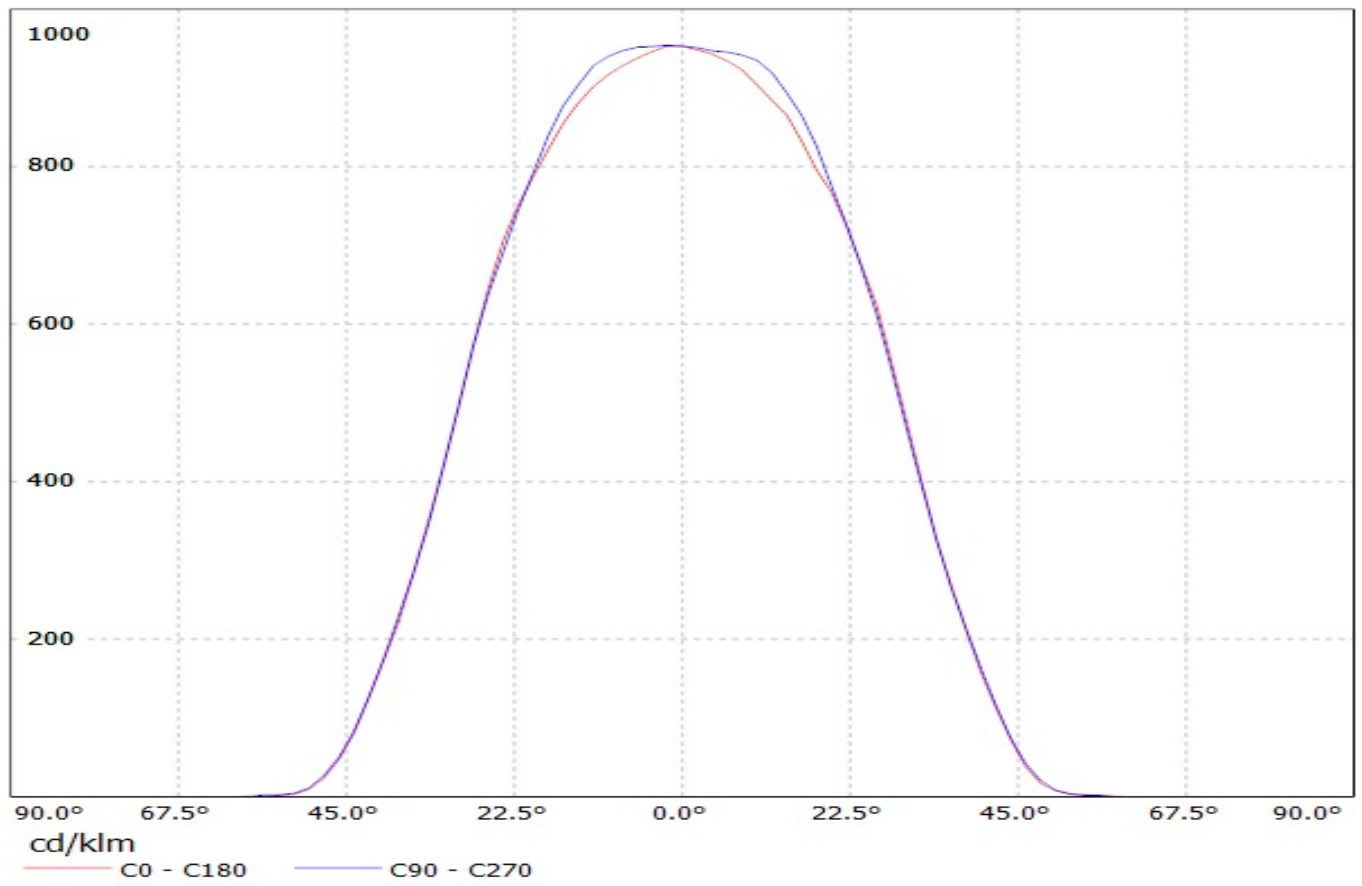


Luminaire: LEDiL Oy C13555_BRIDGET-W-UNI_(COB_D_LES_9.8mm)

Lamps: 1 x Samsung_COB_D_series_LES_9.8mm_LC013D_534.999lm@100mA_P=3.1948W_I=0.100A

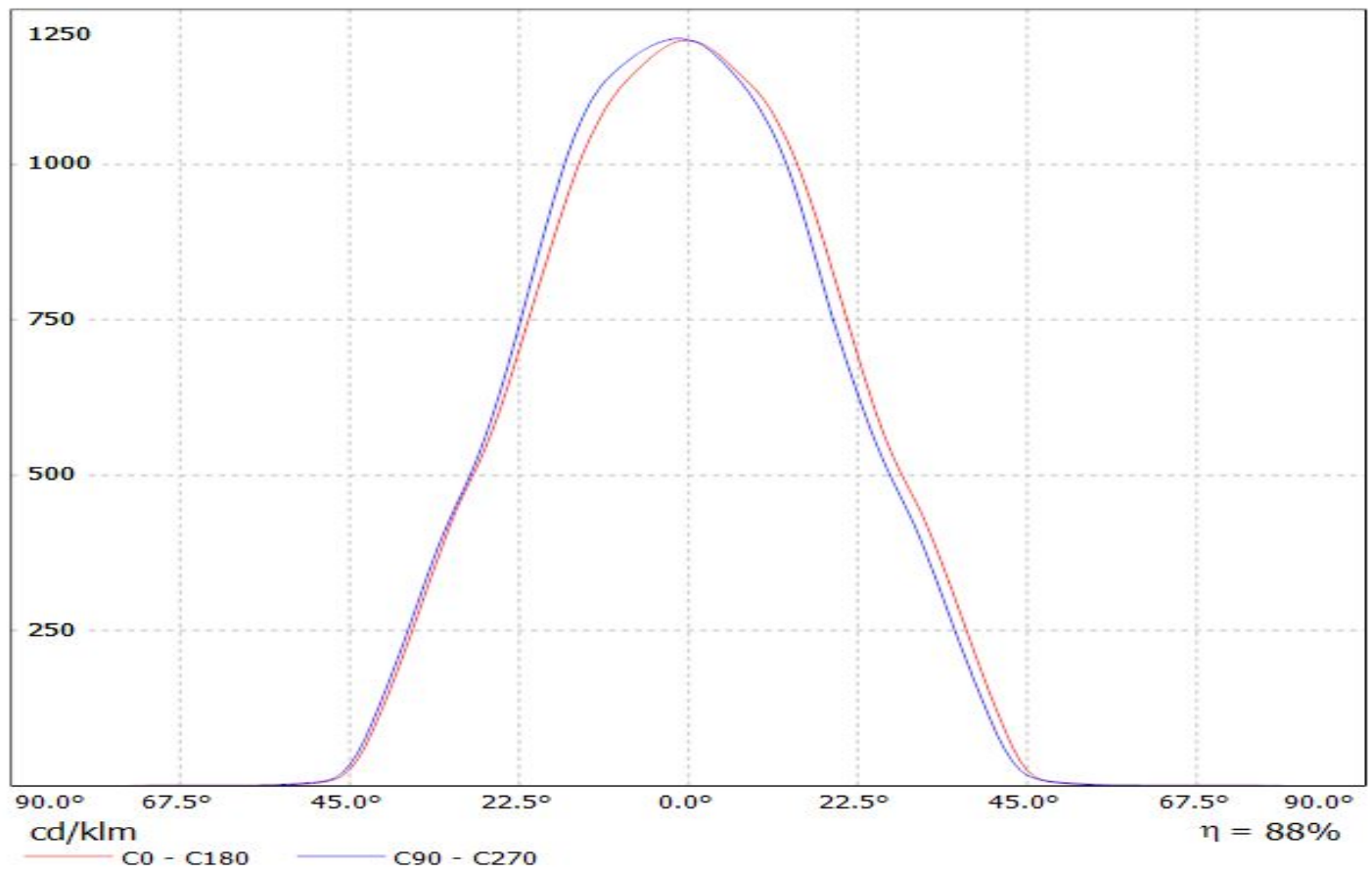


Luminaire: LEDil Oy C13555_BRIDGET-W-UNI_(Mini_Zenigata_GW5BJT) Efficiency=87%
Lamps: 1 x Sharp Mini Zenigata (GW5BTJ) 378lm @ 250mA CCT=4100K P=4.5W I=250mA

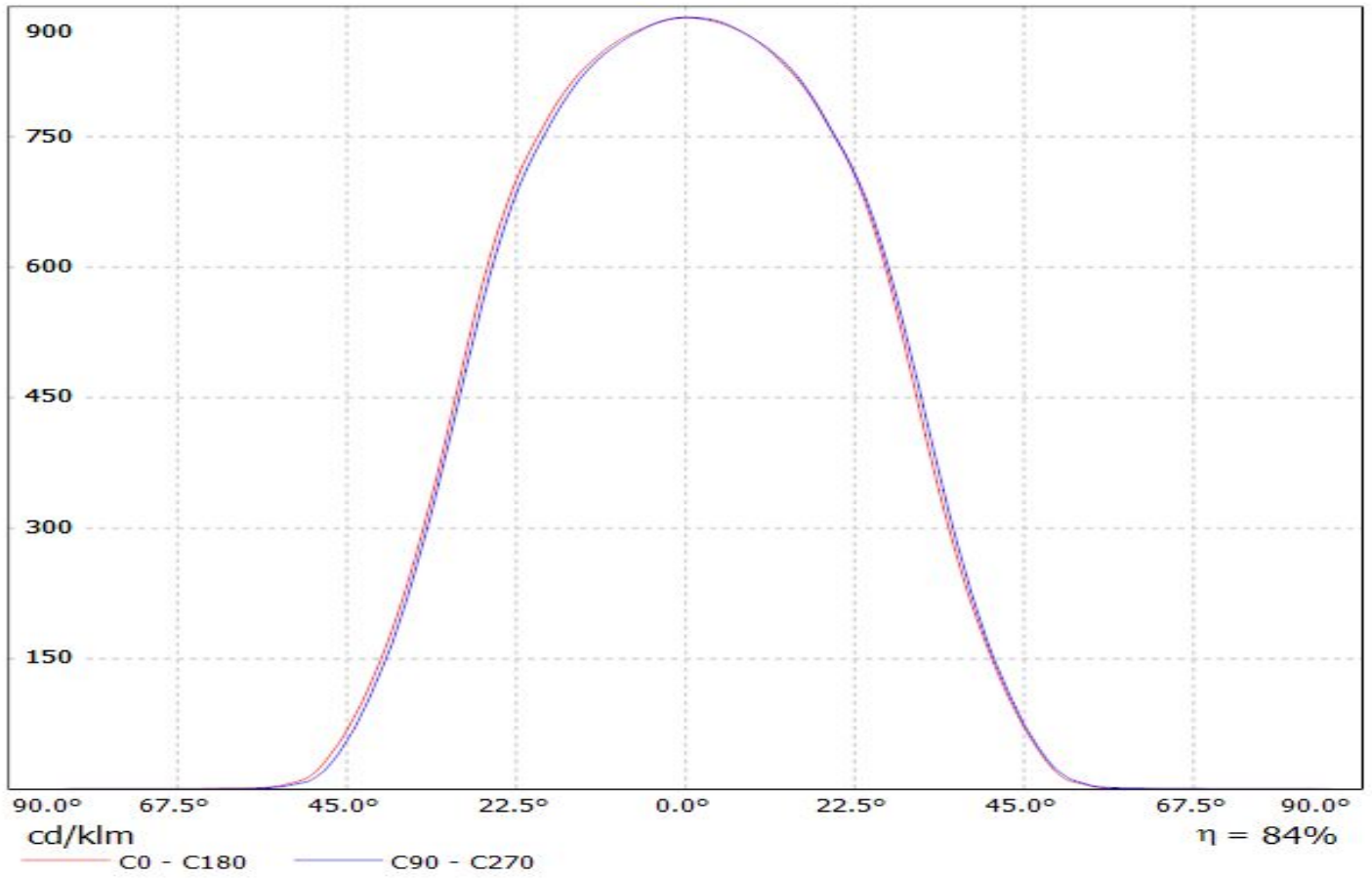


Luminaire: LEDiL Oy C13555_BRIDGET-W-UNI_(SLE-G5_LES-6)

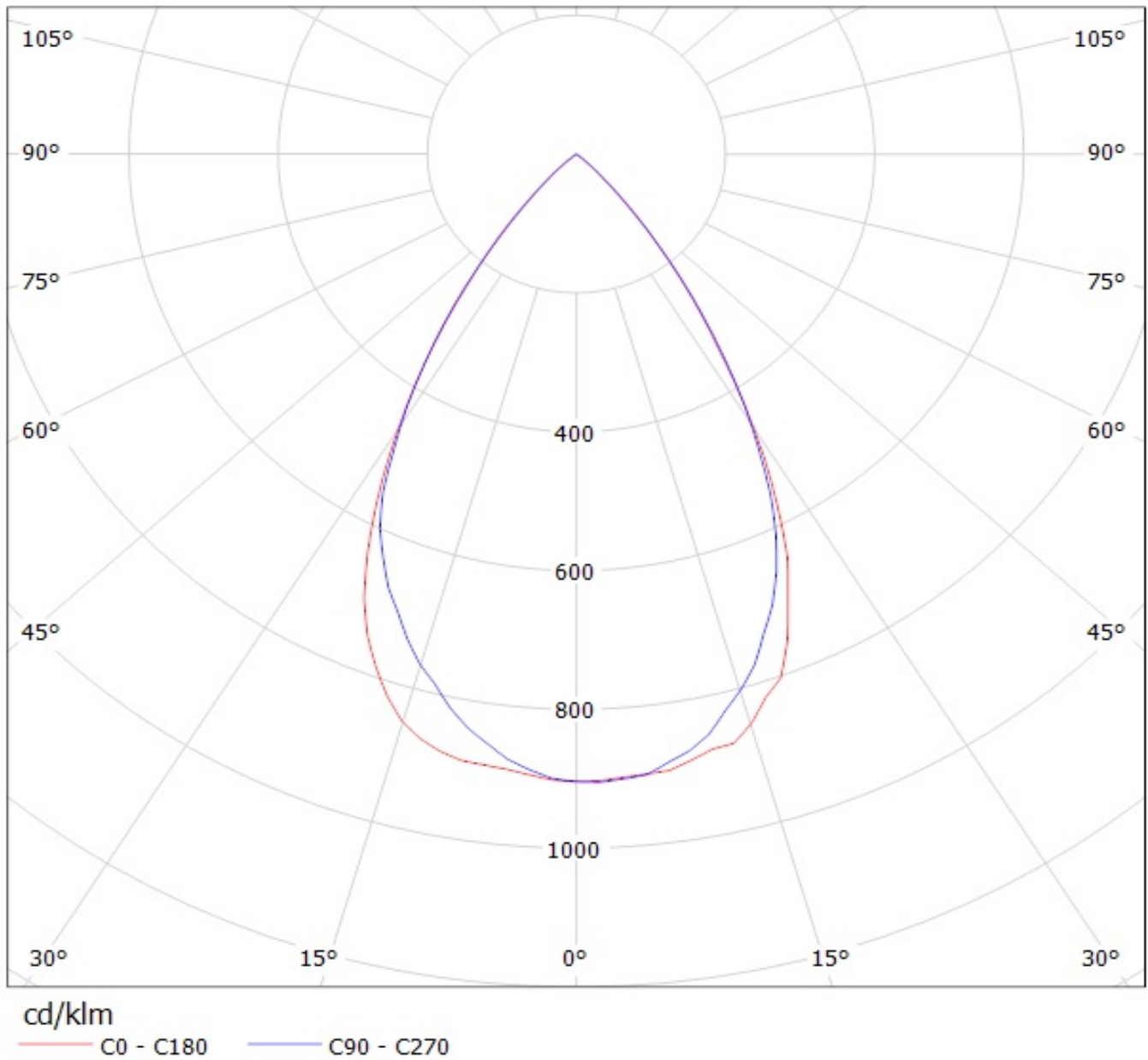
Lamps: 1 x Tridonic_SLE-G5_LES-6_470.59lm@100mA_P=3.3748W_I=0.100A



Luminaire: LEDiL Oy C13555_BRIDGET-W-UNI_(SLE-G5_LES-11)
Lamps: 1 x Tridonic_SLE-G5_LES-11_1168.86lm@250mA_P=8.3243W_I=0.250A

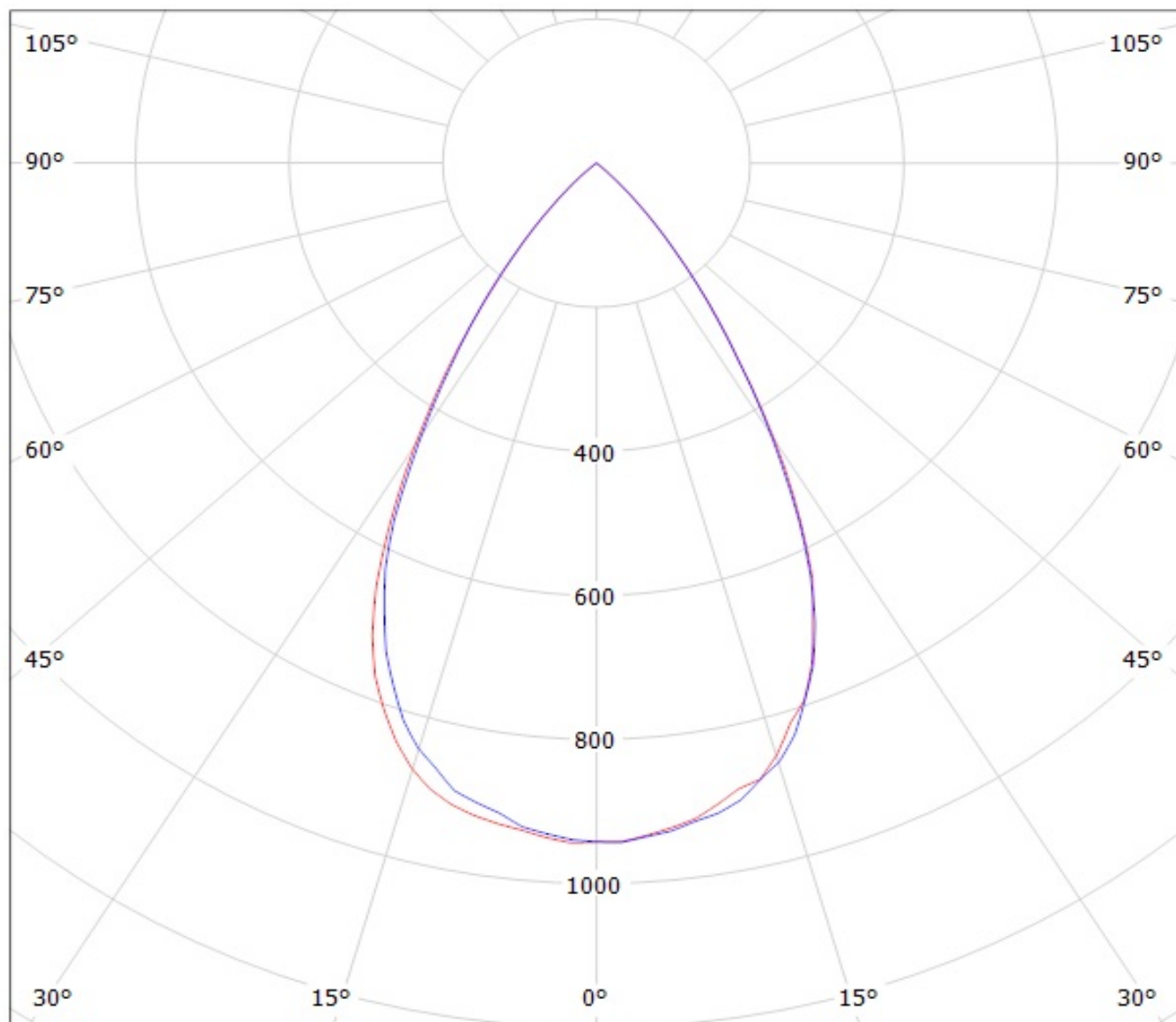


Luminaire: LEDil Oy C13555_BRIDGET-W-UNI_(BXRA_ES_STAR) Efficiency=86%
Lamps: 1 x Bridgelux BXRA ES Star (C0402) 203lm @ 250mA CCT=7300K P=2.2W I=250mA



Luminaire: LEDil Oy C13555_BRIDGET-W-UNI_(CLL020) Efficiency=87%

Lamps: 1 x Citizen CLL020 (CLL020-1202A5-303H1A7) 515lm @ 250mA CCT=3000K P=9.3W I=250mA



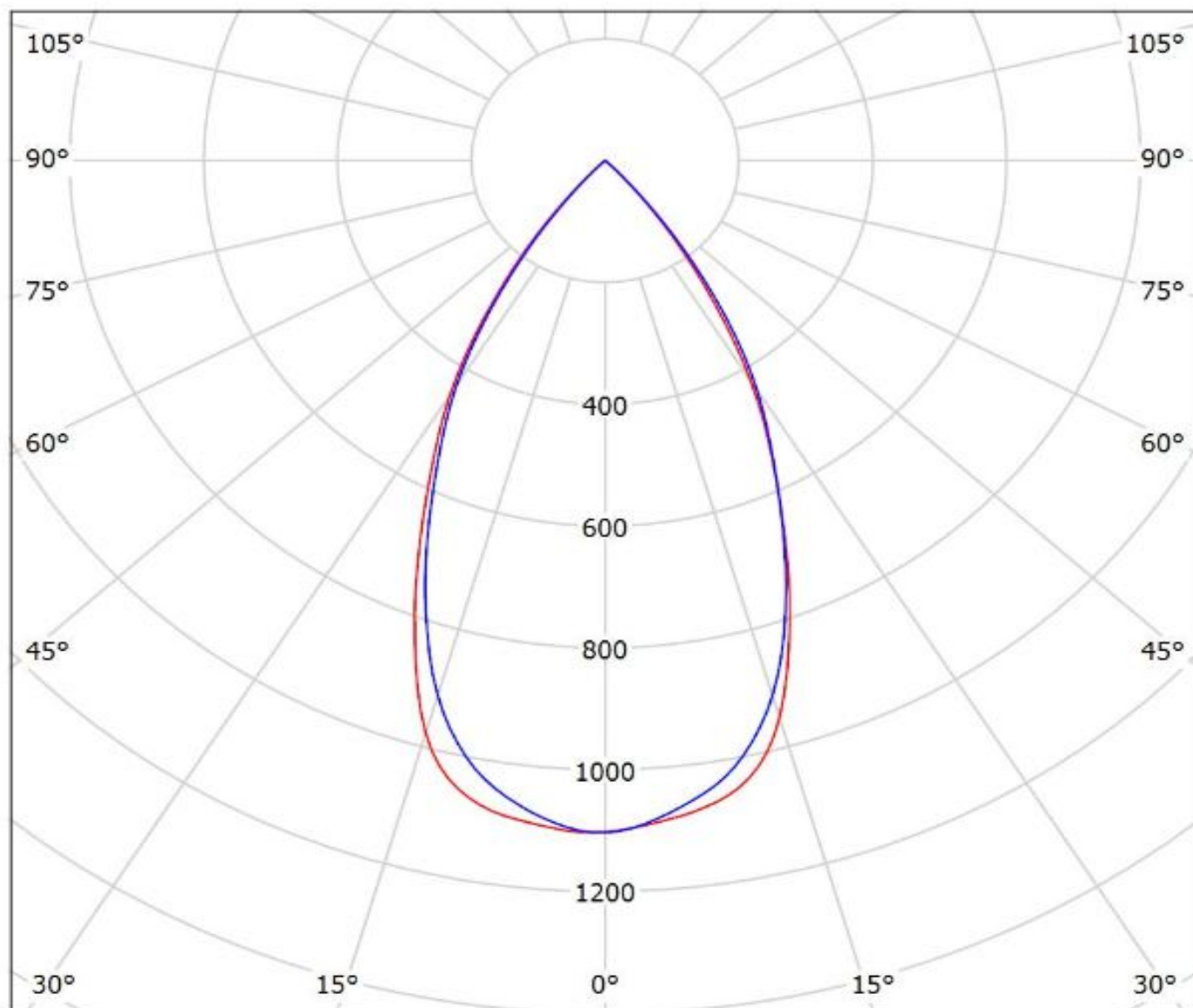
cd/klm

— C0 - C180

— C90 - C270

Luminaire: Ledil C13555_BRIDGET-W-UNI_(CLU700)

Lamps: 1 x Citizen_CLU700_394.637lm@100mA_P=2.8W_I=0.10A



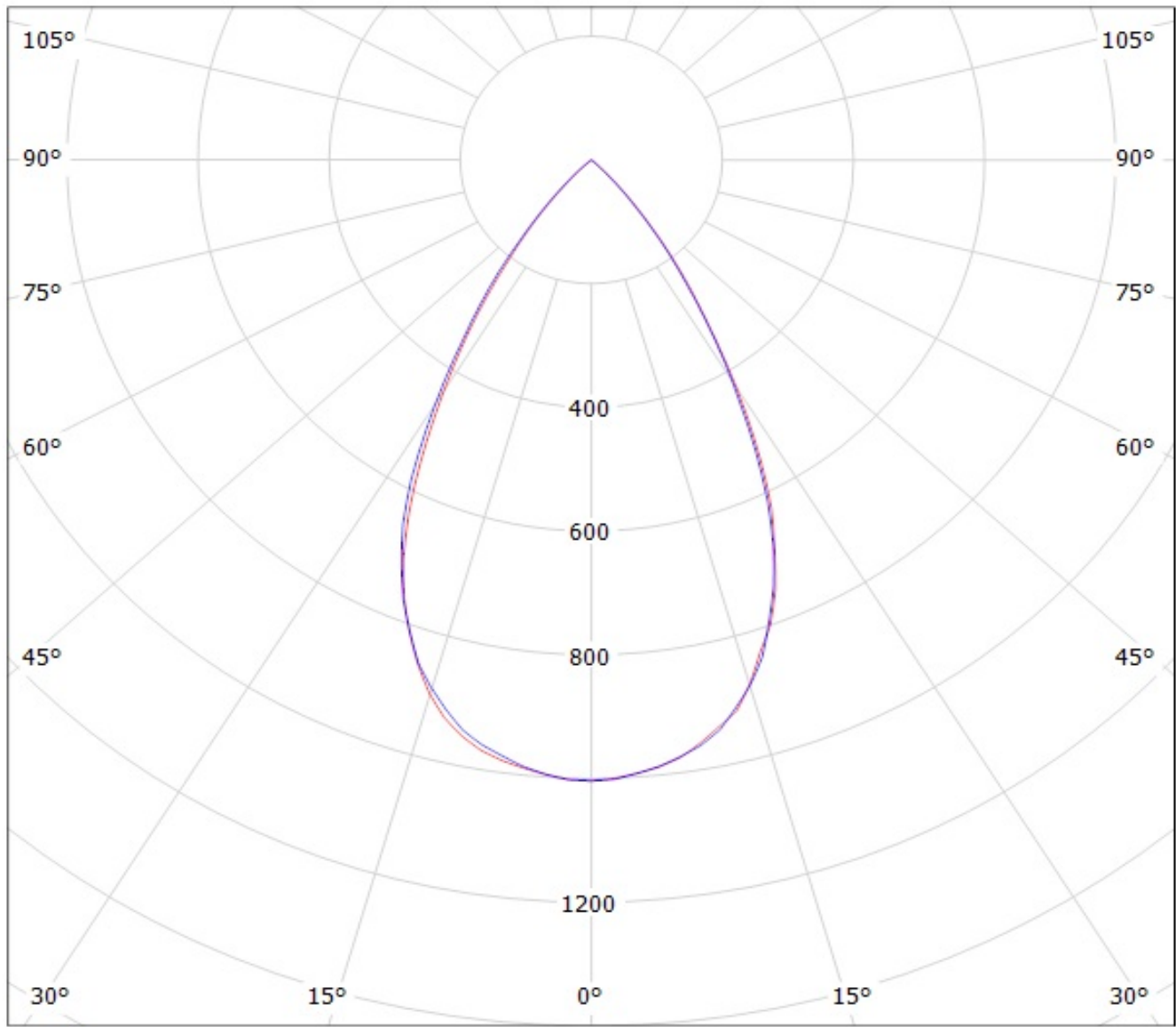
cd/klm

— C0 - C180 — C90 - C270

$\eta = 88\%$

Luminaire: Ledil Oy C13555_BRIDGET-W-UNI_(CXA15) Efficiency=87%

Lamps: 1 x Cree CXA1507 (CXA1507-30F-F2-N0A-00000) 219lm @ 50mA CCT=3100K P=1.7W I=50mA



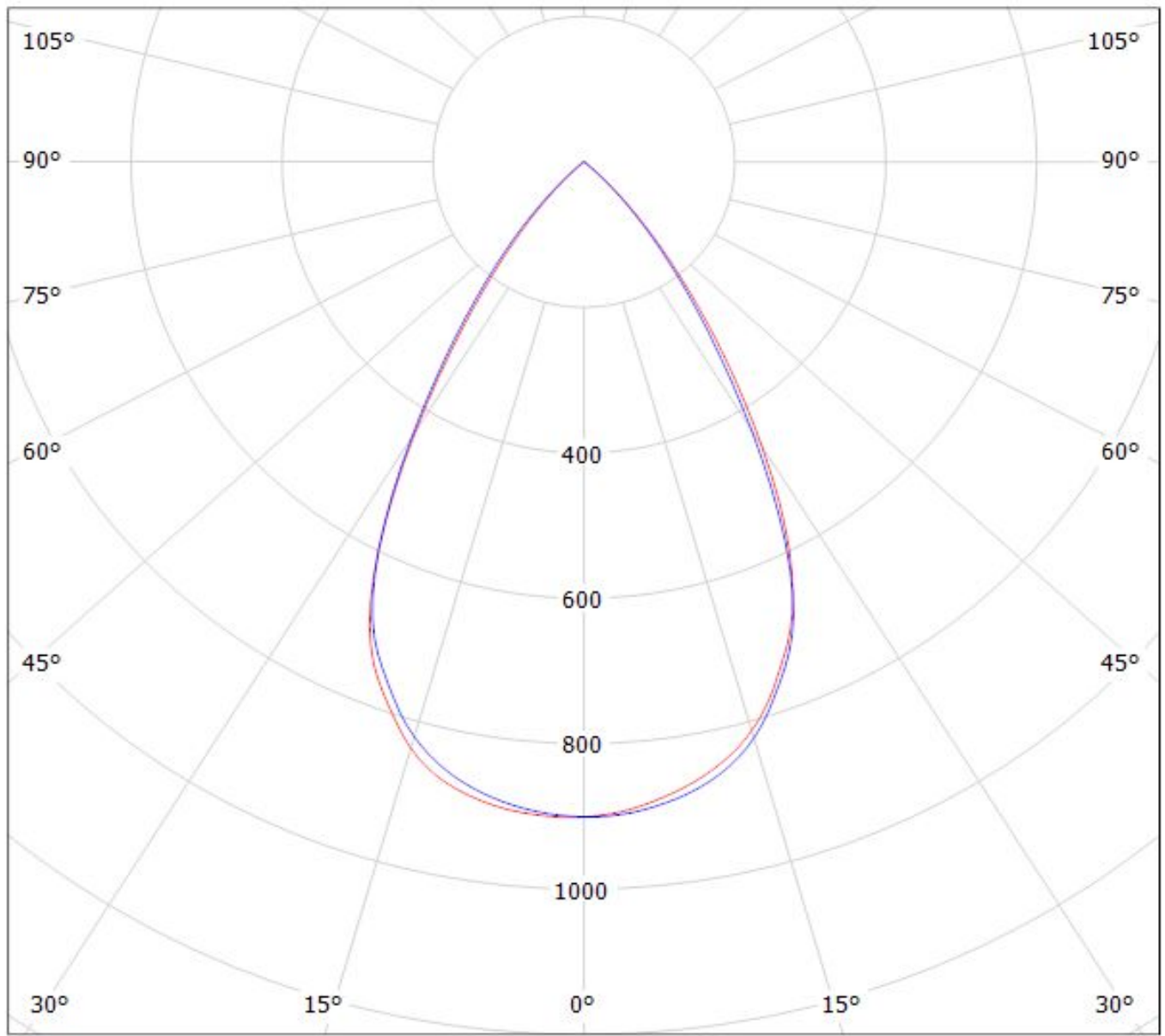
cd/klm

— C0 - C180

— C90 - C270

Luminaire: LEDiL Oy C13555_BRIDGET-W-UNI_(CXM-9)

Lamps: 1 x Luminus_XNOVA_CXM-9_(AA00)_977.302lm@240mA_P=8.28264W_I=240mA

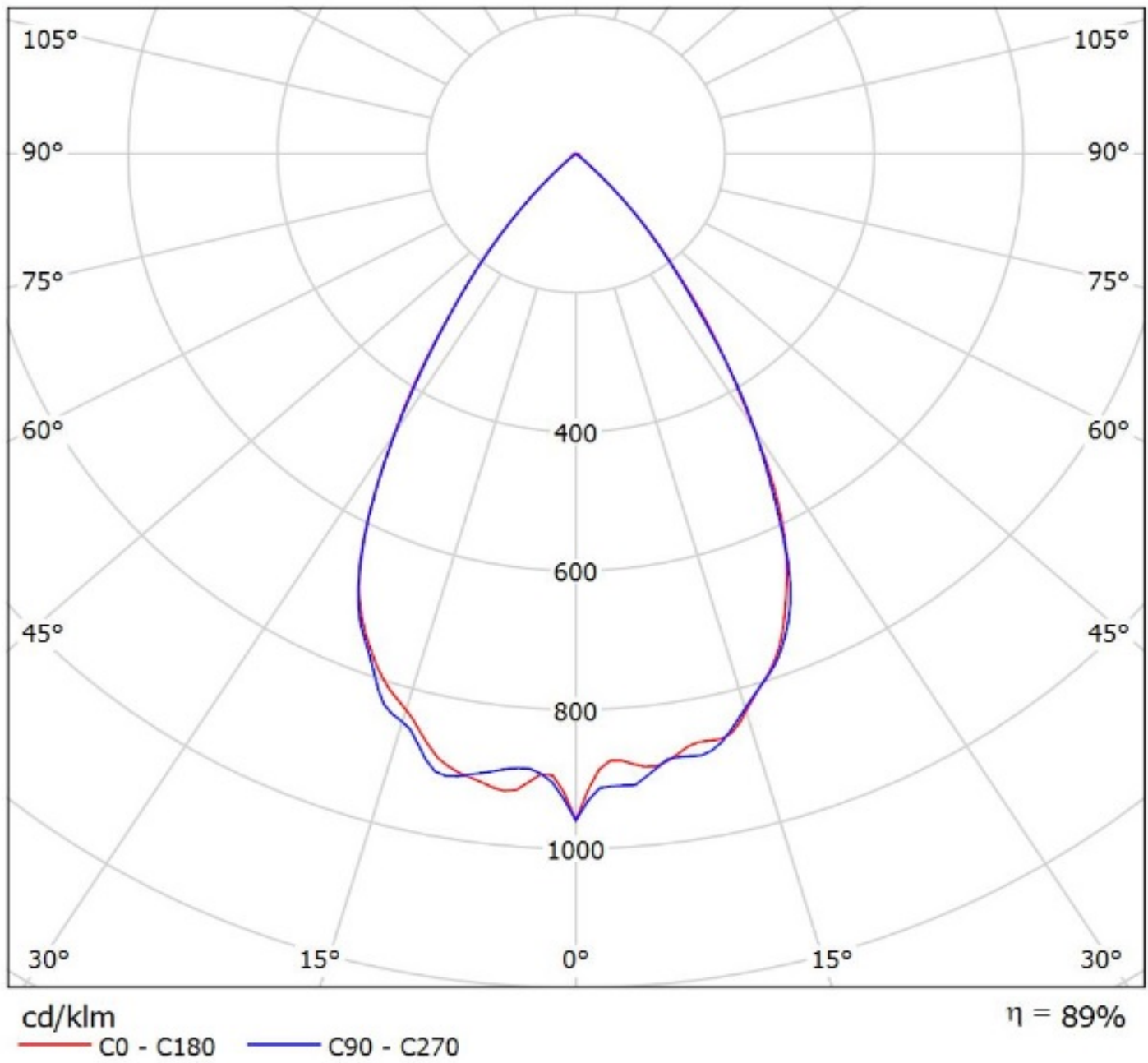


cd/klm

$\eta = 87\%$

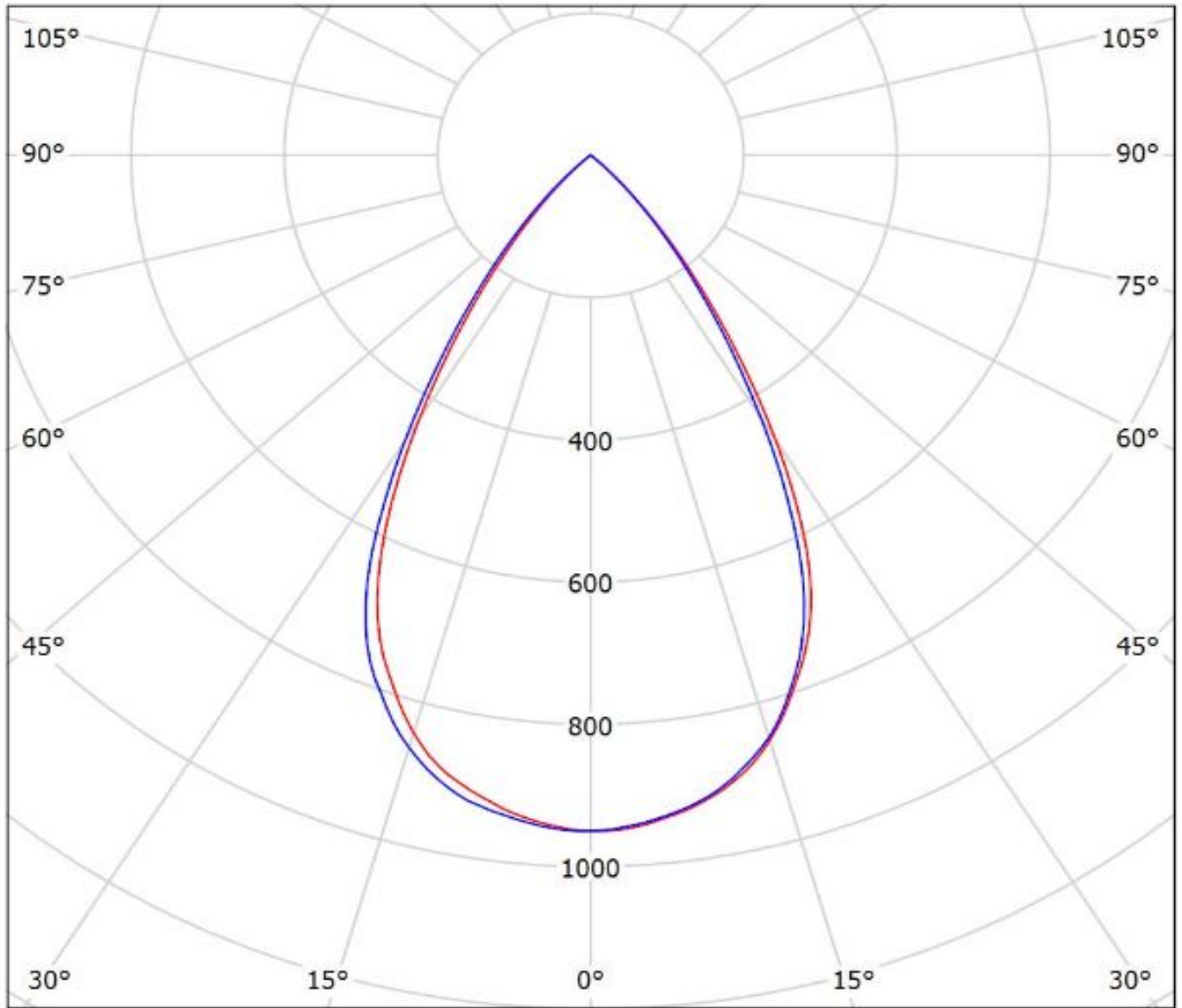
— C0 - C180 — C90 - C270

Luminaire: Ledil Oy C13555_BRIDGET-W-UNI_(Soleriq_S9)_SIMULATED
Lamps: 1 x Osram Soleriq S9 (GW KAFJB3.EM)



Luminaire: LEDiL Oy C13555_BRIDGET-W-UNI_(COB_D_LES_9.8mm)

Lamps: 1 x Samsung_COB_D_series_LES_9.8mm_LC013D_534.999lm@100mA_P=3.1948W_I=0.100A



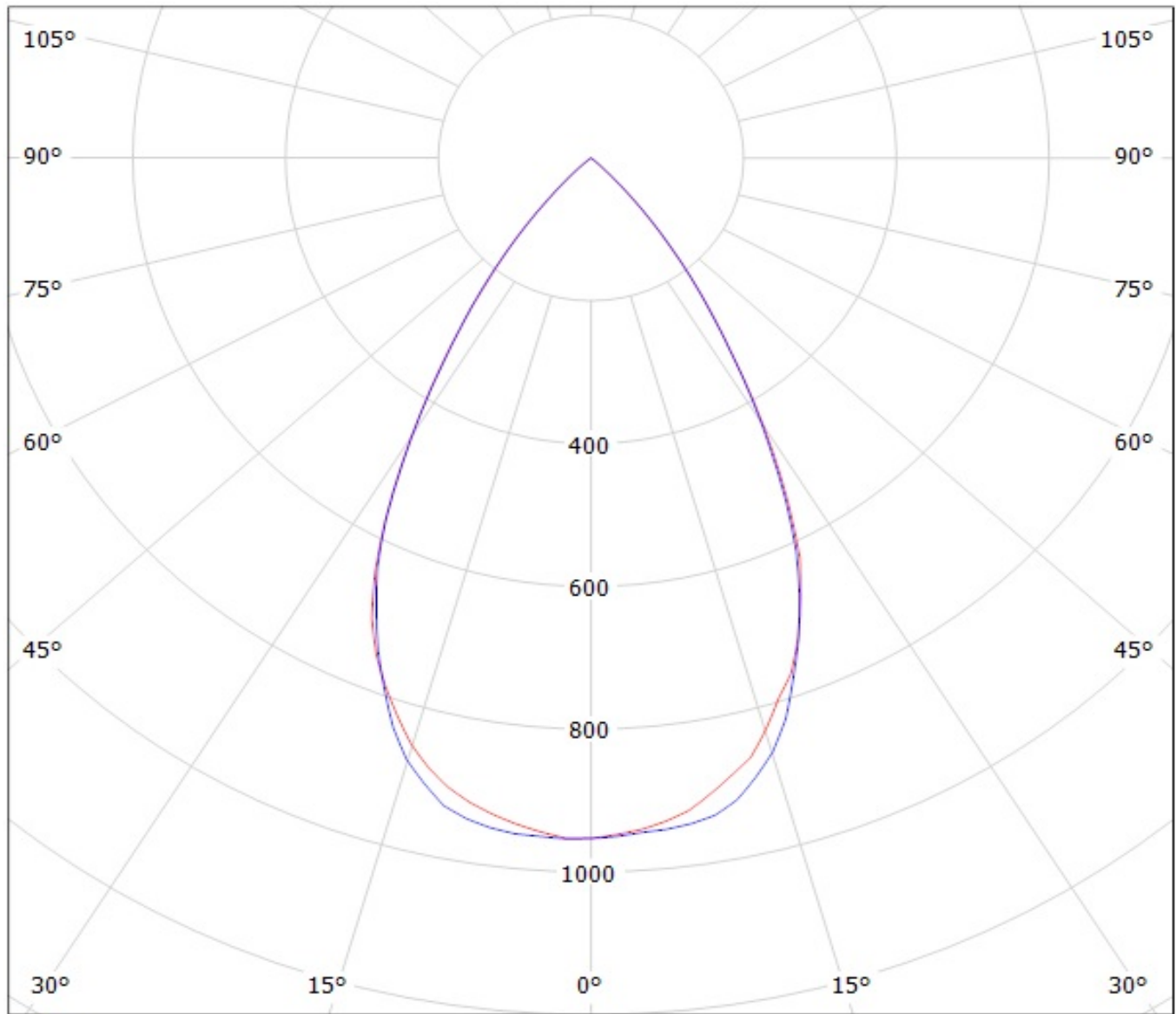
cd/klm

— C0 - C180

— C90 - C270

$\eta = 88\%$

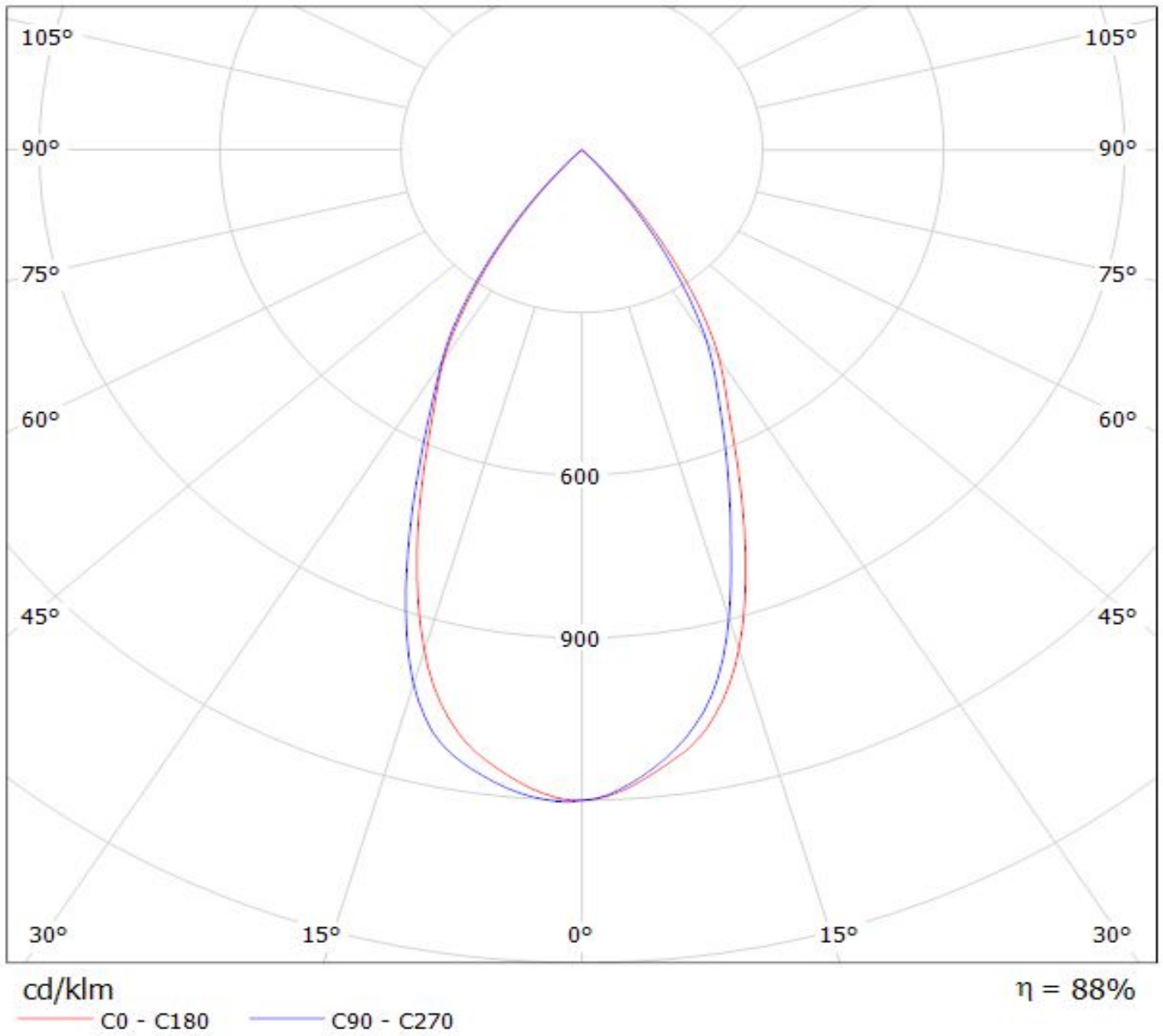
Luminaire: LEDil Oy C13555_BRIDGET-W-UNI_(Mini_Zenigata_GW5BJT) Efficiency=87%
Lamps: 1 x Sharp Mini Zenigata (GW5BTJ) 378lm @ 250mA CCT=4100K P=4.5W I=250mA



cd/klm
— C0 - C180 — C90 - C270

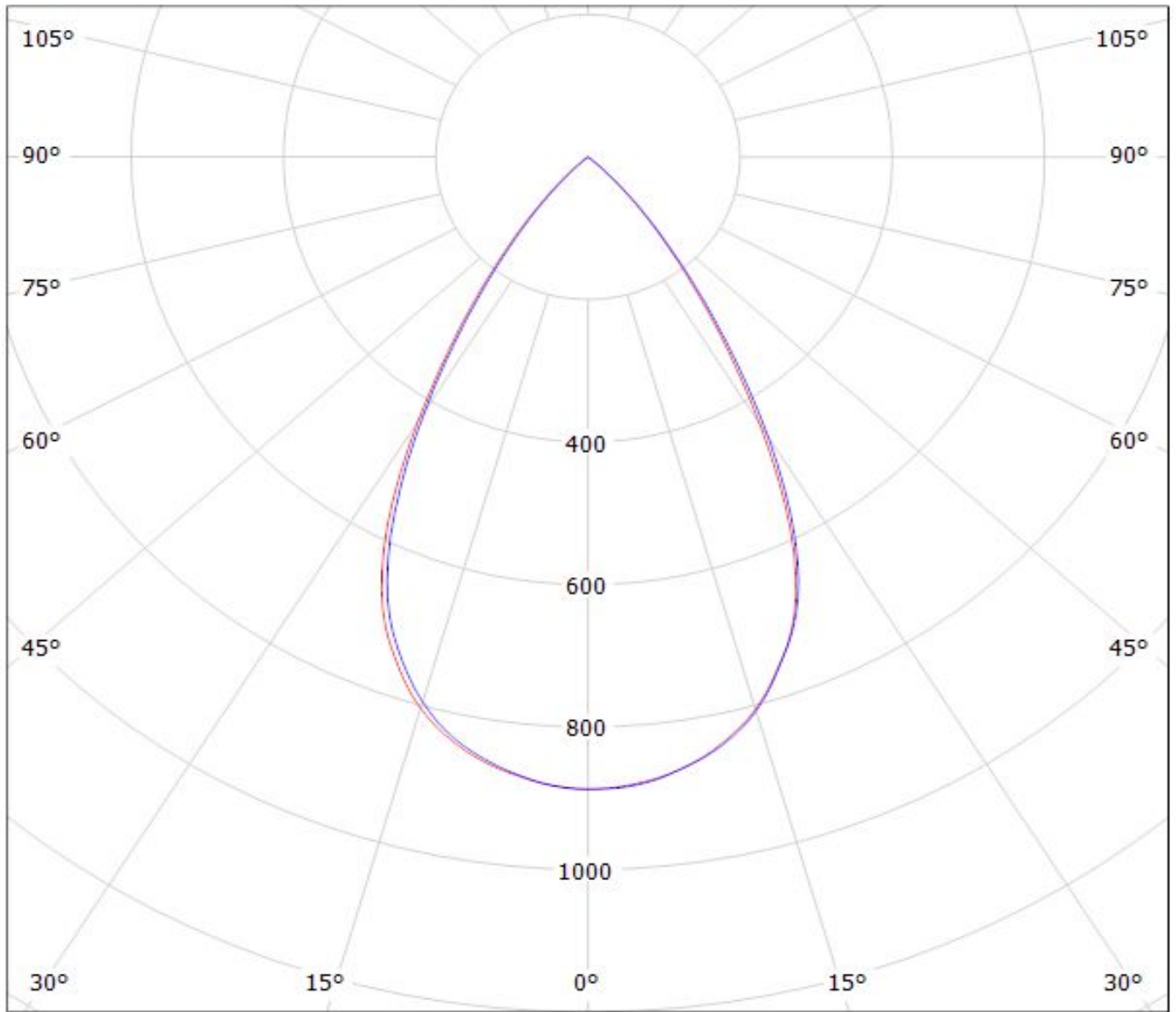
Luminaire: LEDiL Oy C13555_BRIDGET-W-UNI_(SLE-G5_LES-6)

Lamps: 1 x Tridonic_SLE-G5_LES-6_470.59lm@100mA_P=3.3748W_I=0.100A



Luminaire: LEDiL Oy C13555_BRIDGET-W-UNI_(SLE-G5_LES-11)

Lamps: 1 x Tridonic_SLE-G5_LES-11_1168.86lm@250mA_P=8.3243W_I=0.250A



cd/klm

— C0 - C180

— C90 - C270

$\eta = 84\%$

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.