

## DETAILS

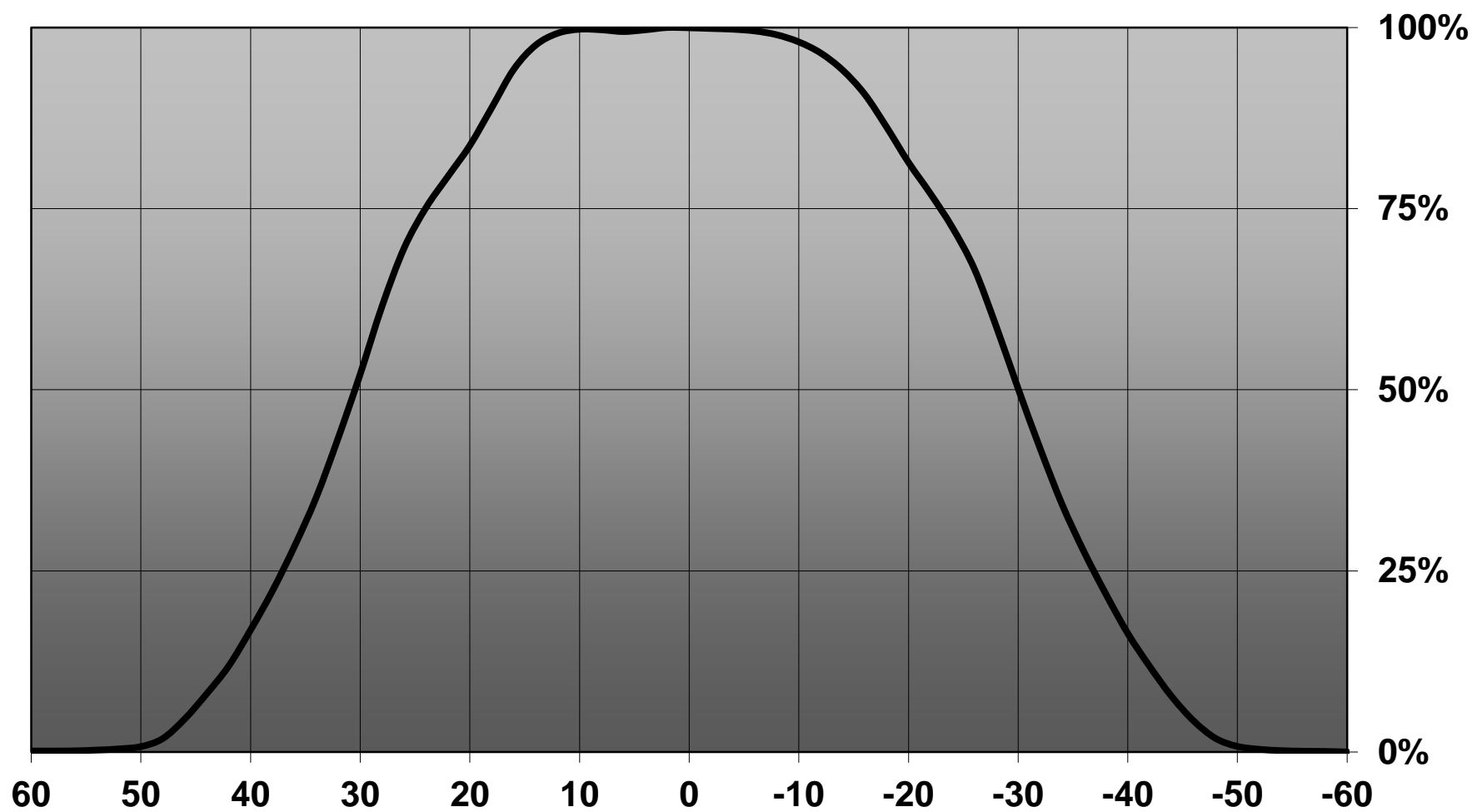
<b>Product Number</b>	C13555_BRIDGET-W-UNI
<b>Family</b>	Bridget
<b>Type</b>	Reflector
<b>Color</b>	metal
<b>Diameter</b>	22,6 mm
<b>Height</b>	12,8 mm
<b>Style</b>	hexag
<b>Optic Material</b>	PC
<b>Holder Material</b>	
<b>Fastening</b>	glue
<b>Status</b>	production ready
<b>ROHS Compliant</b>	Yes
<b>Date Updated</b>	2/05/2016



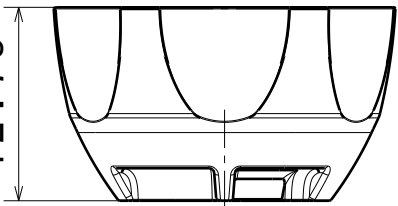
## OPTICAL PROPERTIES

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

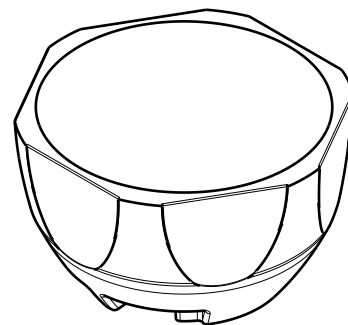
Relative intensity of C13555\_BRIDGET-W-UNI\_(Soleriq P9)



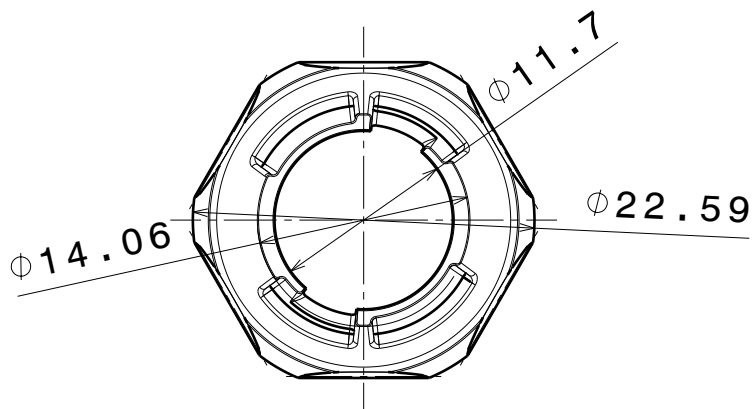
12.79



Front view



Isometric view



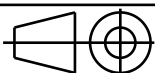
Bottom view

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

Ledil Oy  
Salorankatu 10  
FIN 24240 SALO  
Finland

THIRD ANGLE PROJECTION:



DRAWING TITLE

BRIDGET\_UNI\_Datasheet

This drawing is the property  
of LEDiL Oy. It may not be  
reproduced, copied or  
communicated without a written  
agreement with LEDiL Oy."

SIZE

A4

PART NUMBER

-

SCALE

2:1

WEIGHT

-

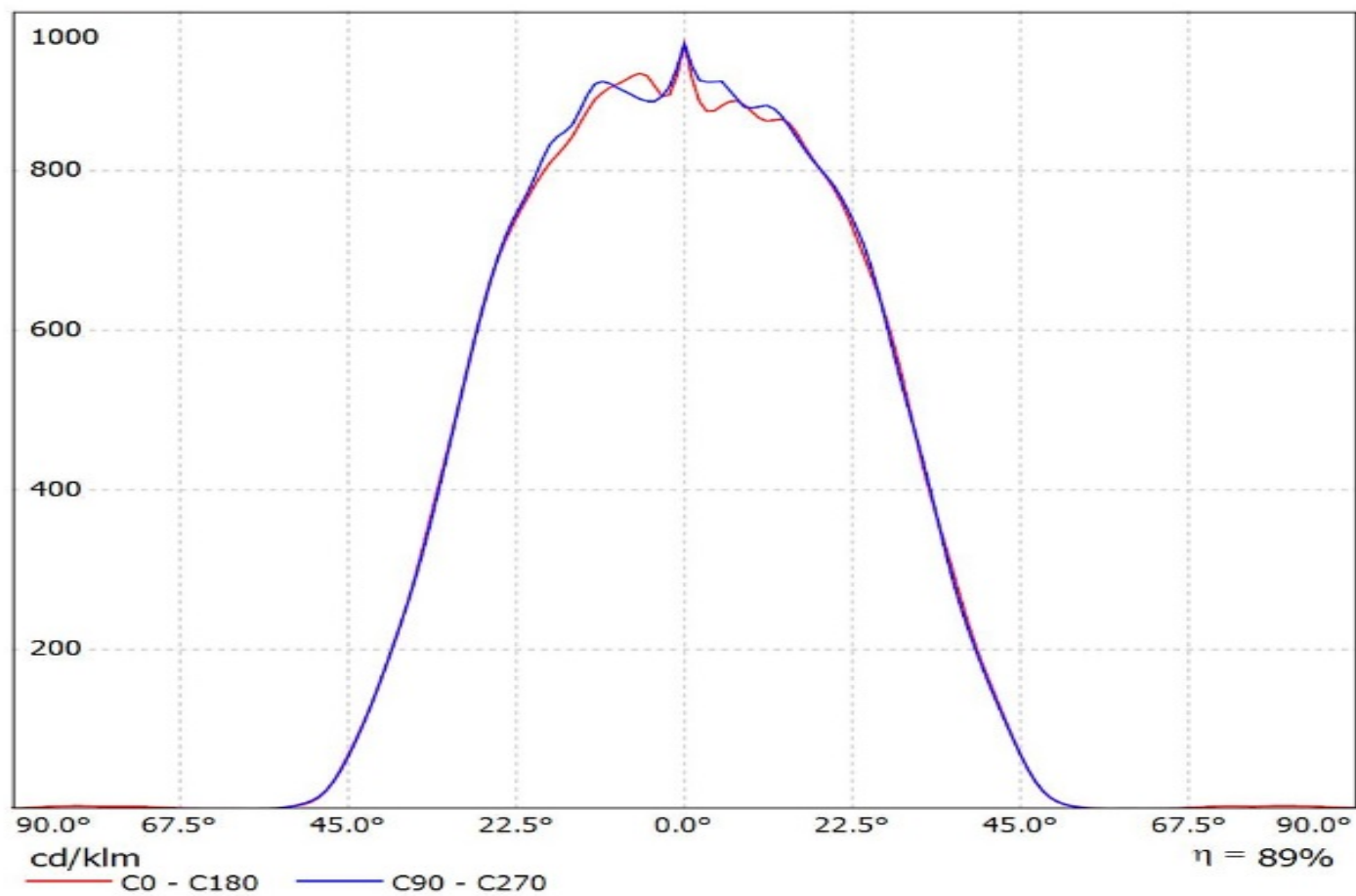
SHEET

1 / 1

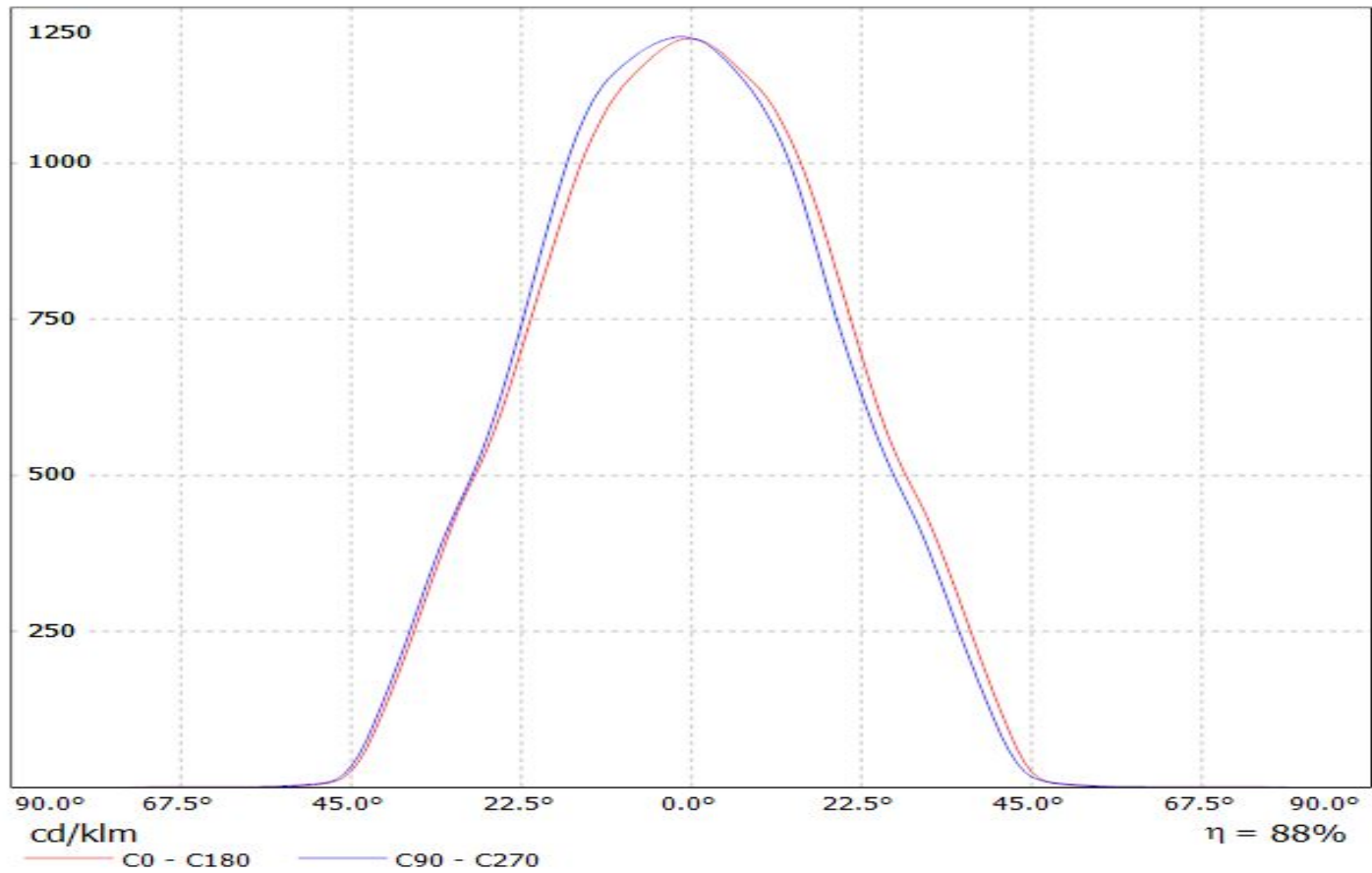
D

A

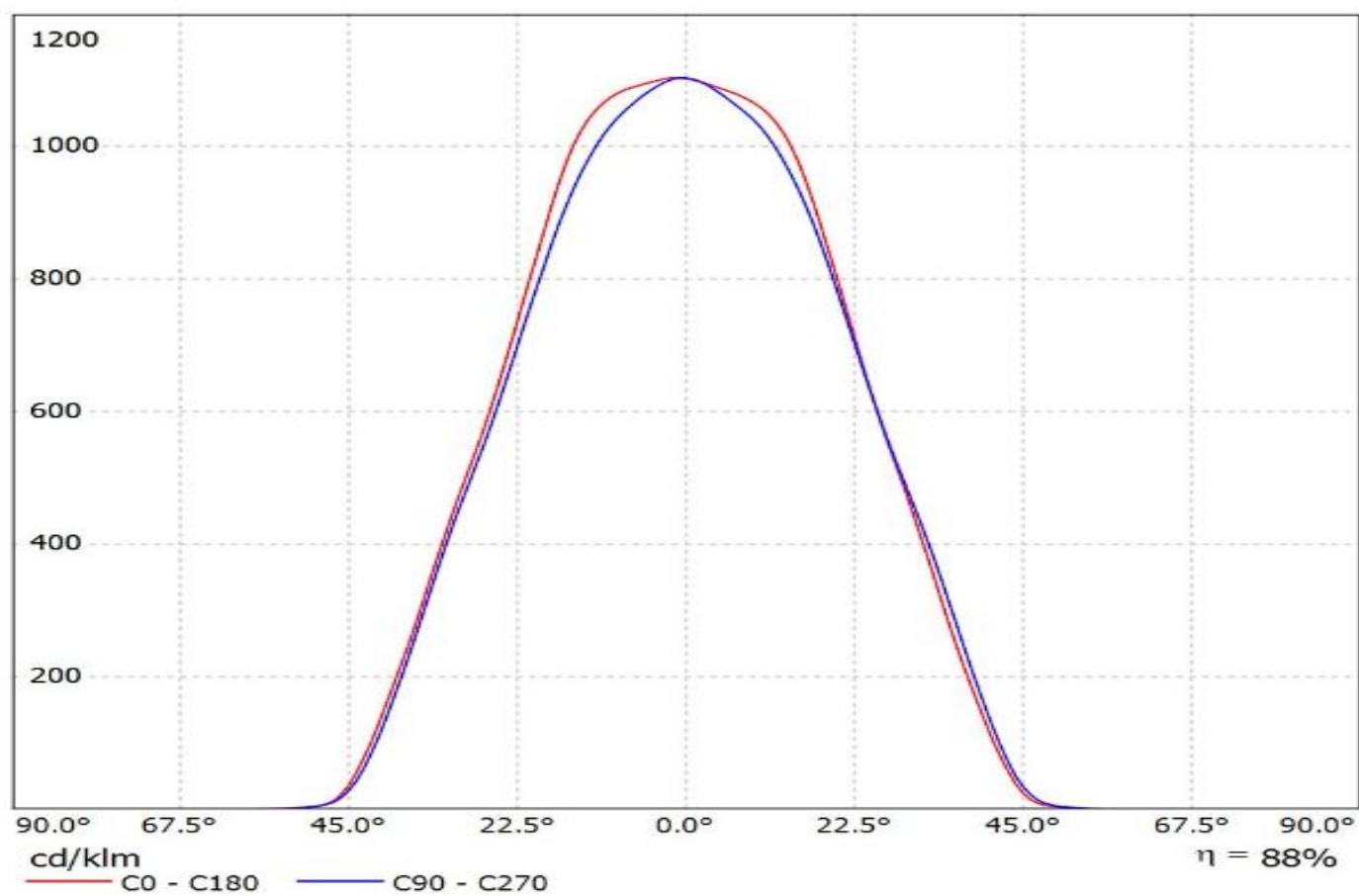
Luminaire: Ledil Oy C13555\_BRIDGET-W-UNI\_(Soleriq\_S9)\_SIMULATED  
Lamps: 1 x Osram Soleriq S9 (GW KAFJB3.EM)



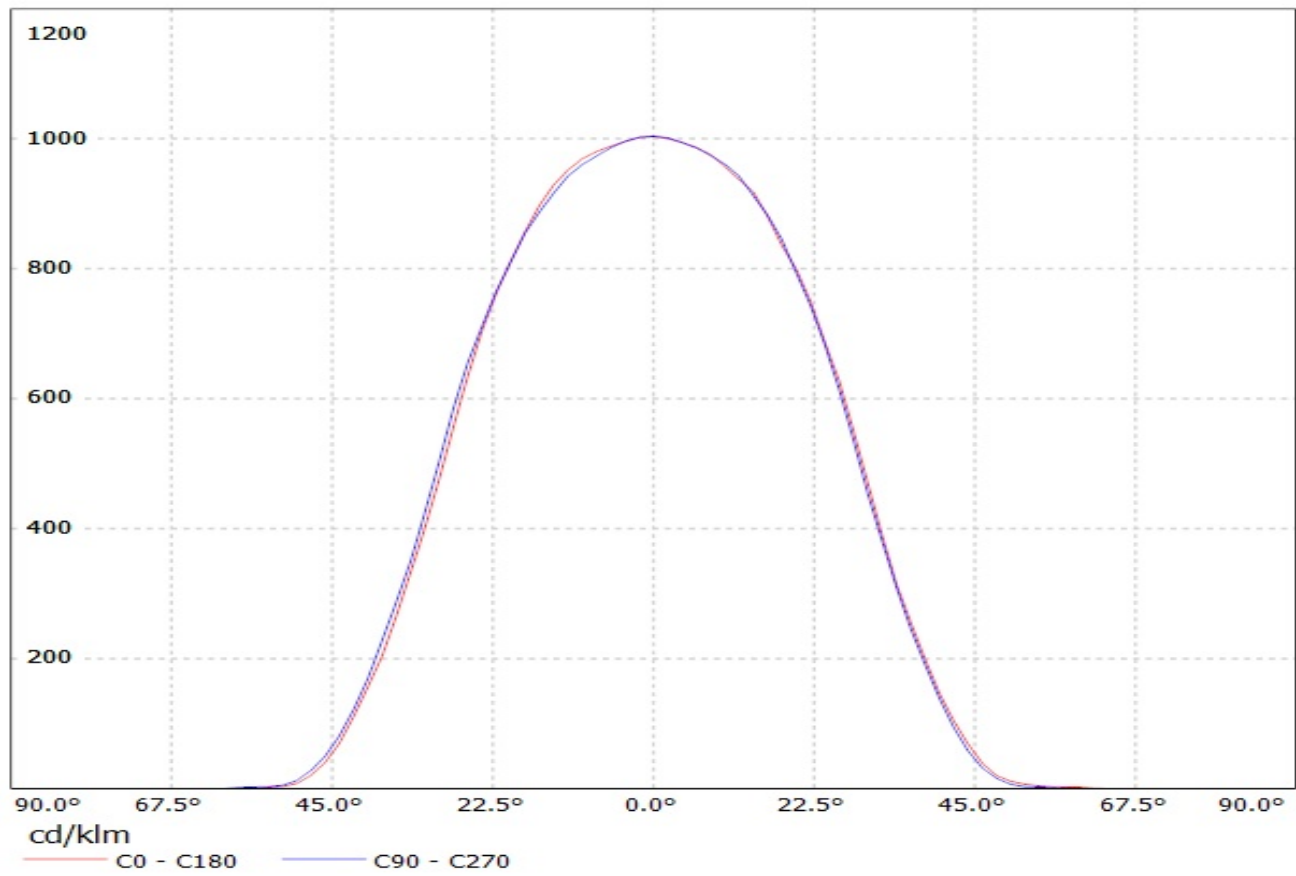
Luminaire: LEDiL Oy C13555\_BRIDGET-W-UNI\_(SLE-G5\_LES-6)  
Lamps: 1 x Tridonic\_SLE-G5\_LES-6\_470.59lm@100mA\_P=3.3748W\_I=0.100A



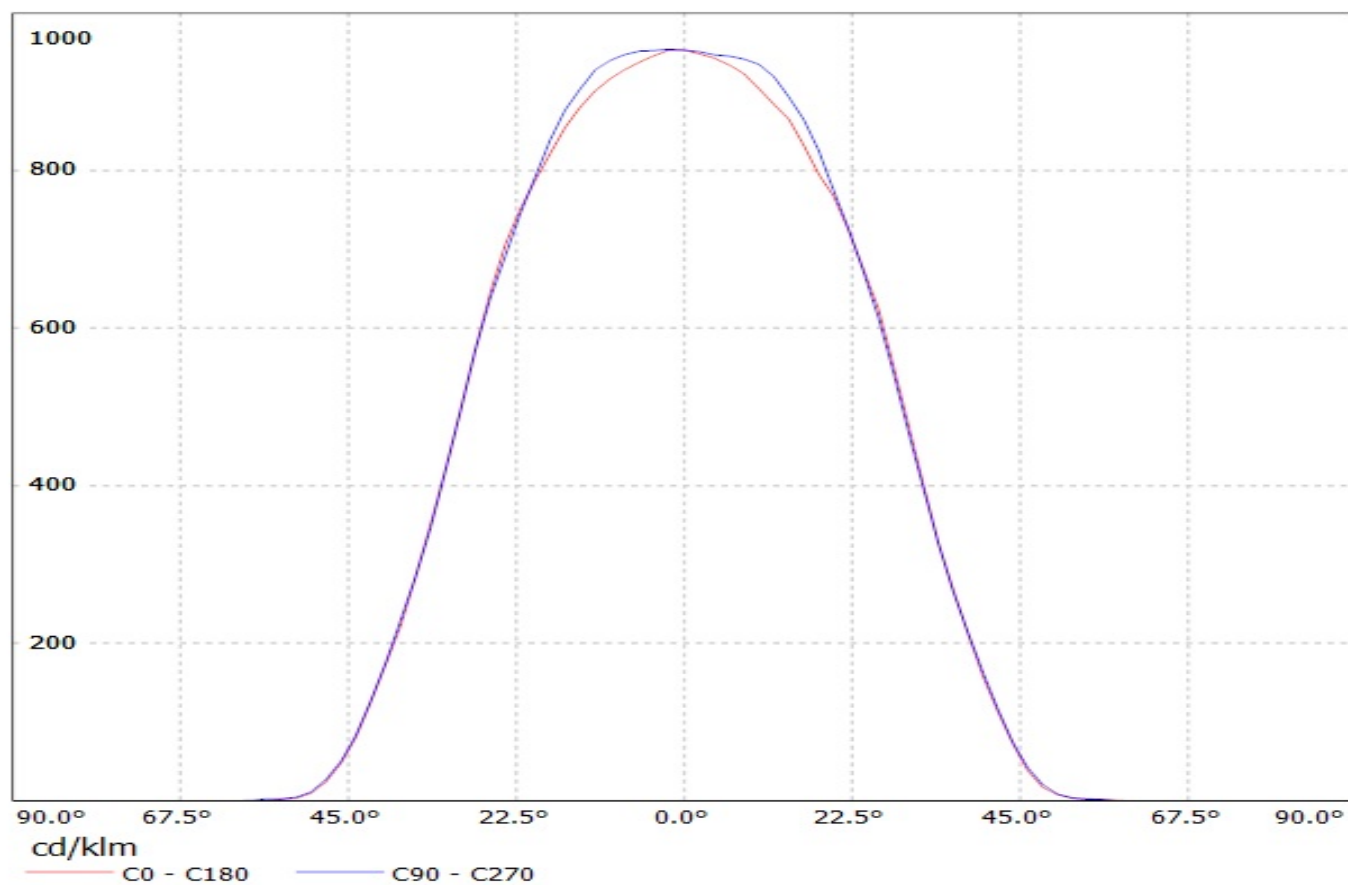
Luminaire: Ledil C13555\_BRIDGET-W-UNI\_(CLU700)  
Lamps: 1 x Citizen\_CLU700\_394.637lm@100mA\_P=2.8W\_I=0.10A



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

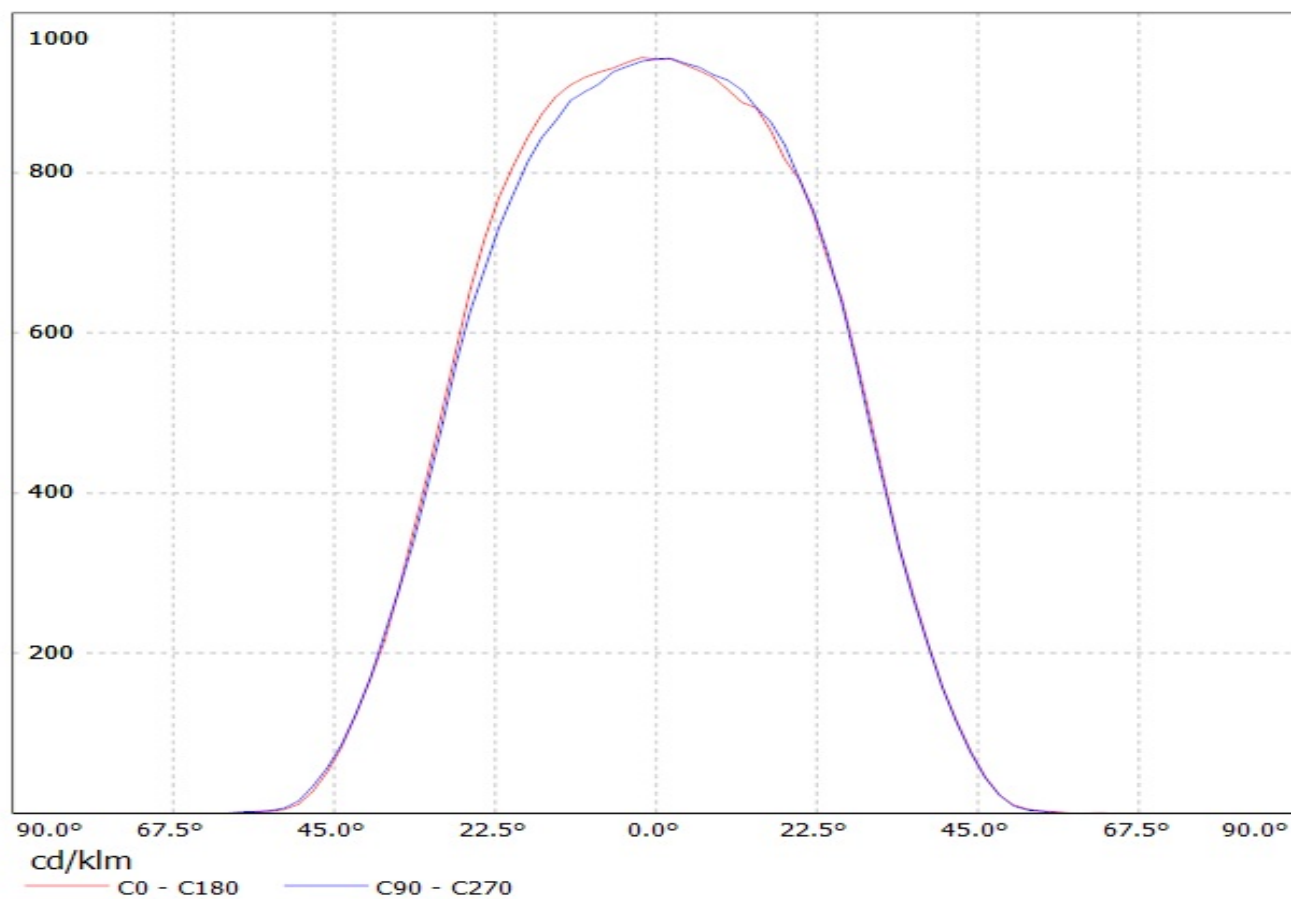


Luminaire: LEDil Oy C13555\_BRIDGET-W-UNI\_(Mini\_Zenigata\_GW5BJT) Efficiency=87%  
Lamps: 1 x Sharp Mini Zenigata (GW5BTJ) 378lm @ 250mA CCT=4100K P=4.5W I=250mA

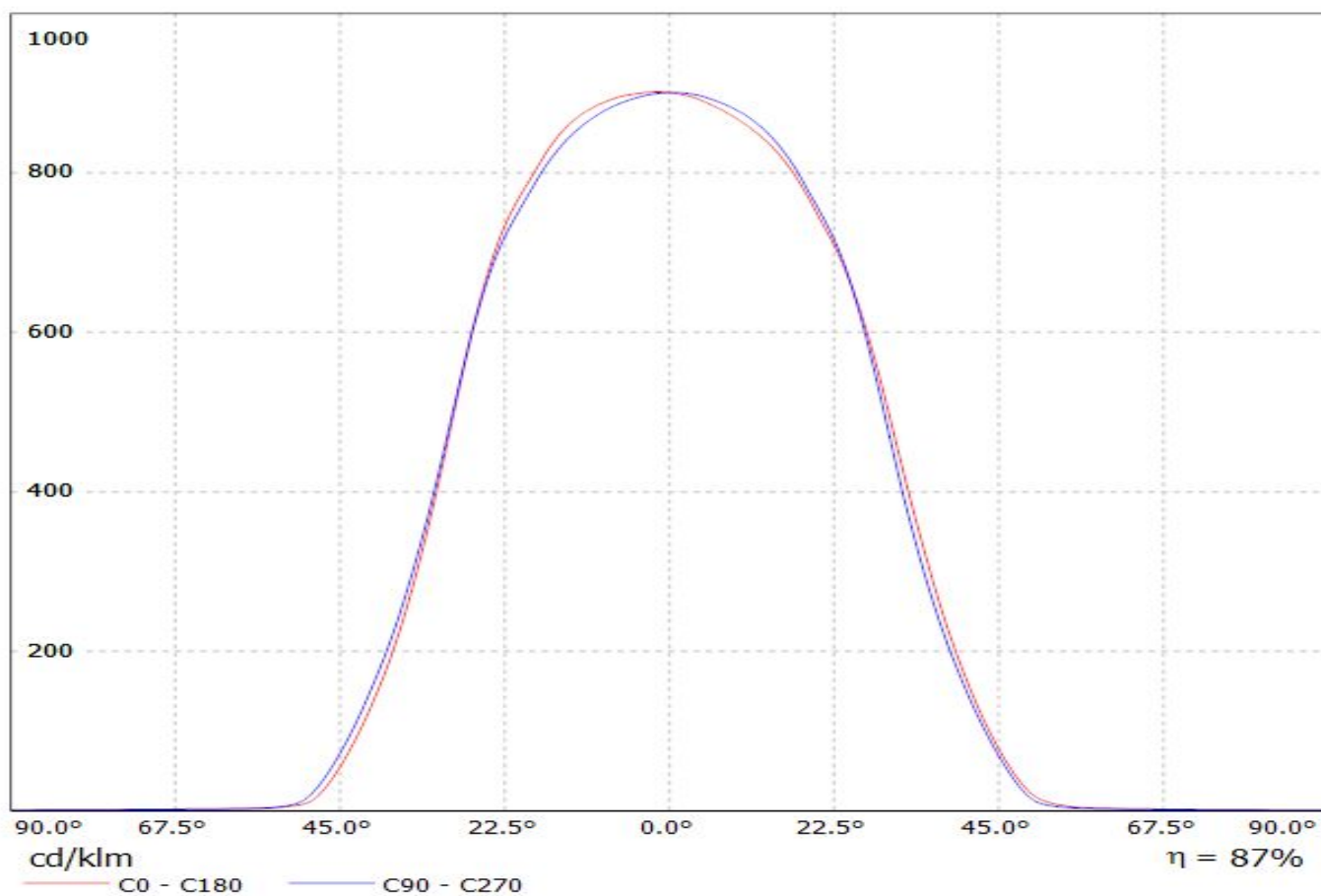




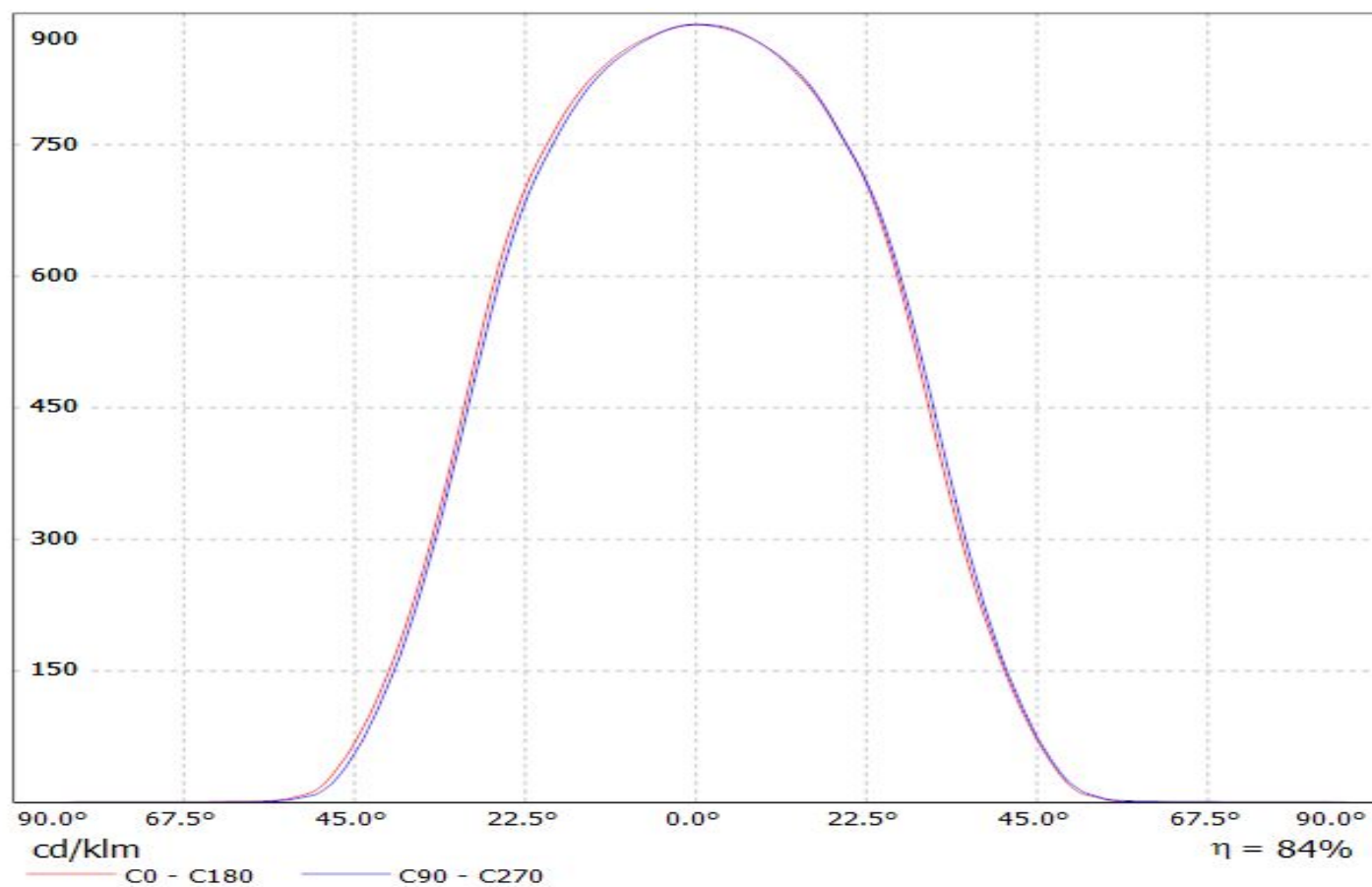
Luminaire: LEDil Oy C13555\_BRIDGET-W-UNI\_(CLL020) Efficiency=87%  
Lamps: 1 x Citizen CLL020 (CLL020-1202A5-303H1A7) 515lm @ 250mA CCT=3000K P=9.3W I=250mA



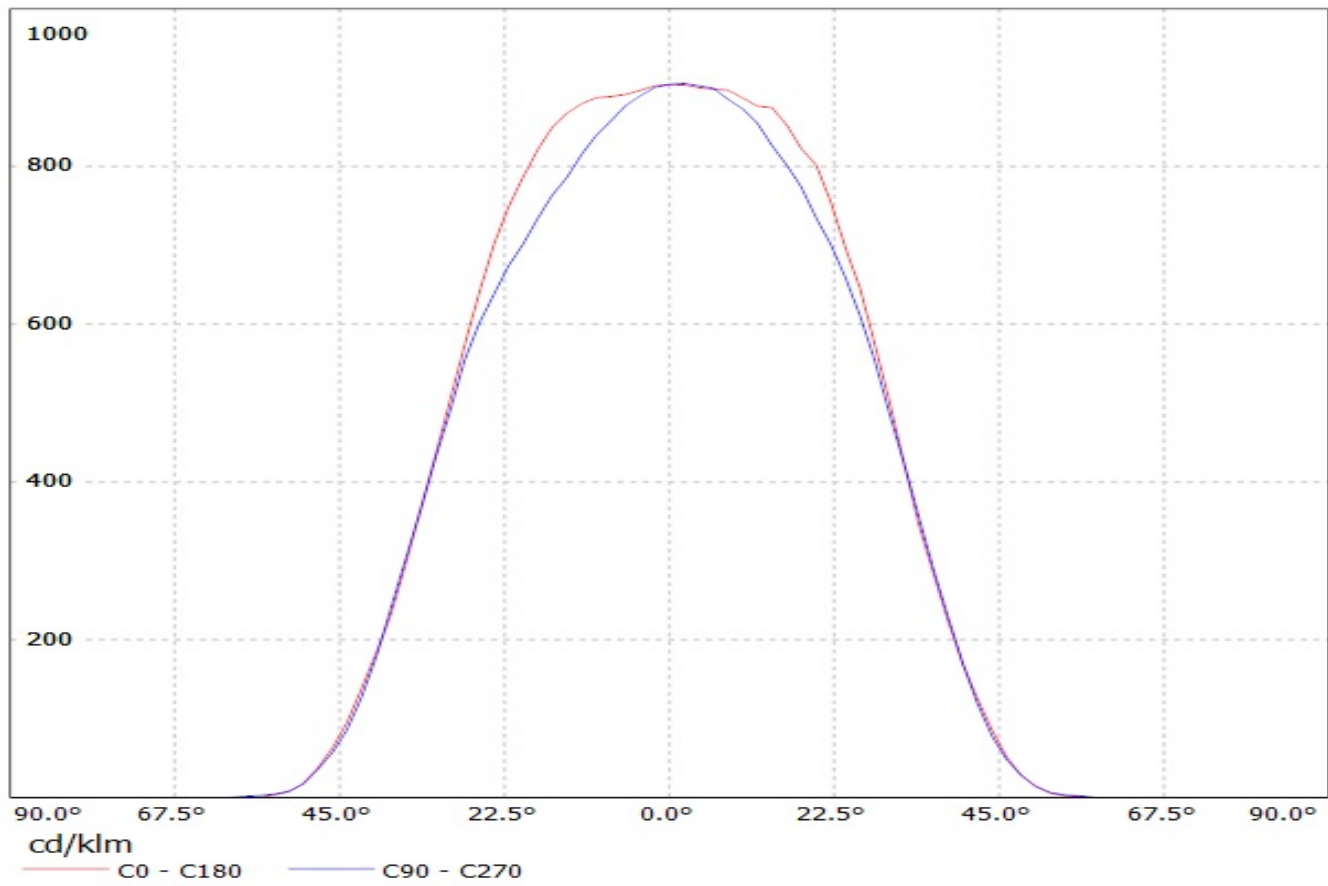
Luminaire: LEDiL Oy C13555\_BRIDGET-W-UNI\_(CXM-9)  
Lamps: 1 x Luminus\_XNOVA\_CXM-9\_(AA00)\_977.302lm@240mA\_P=8.28264W\_I=240mA



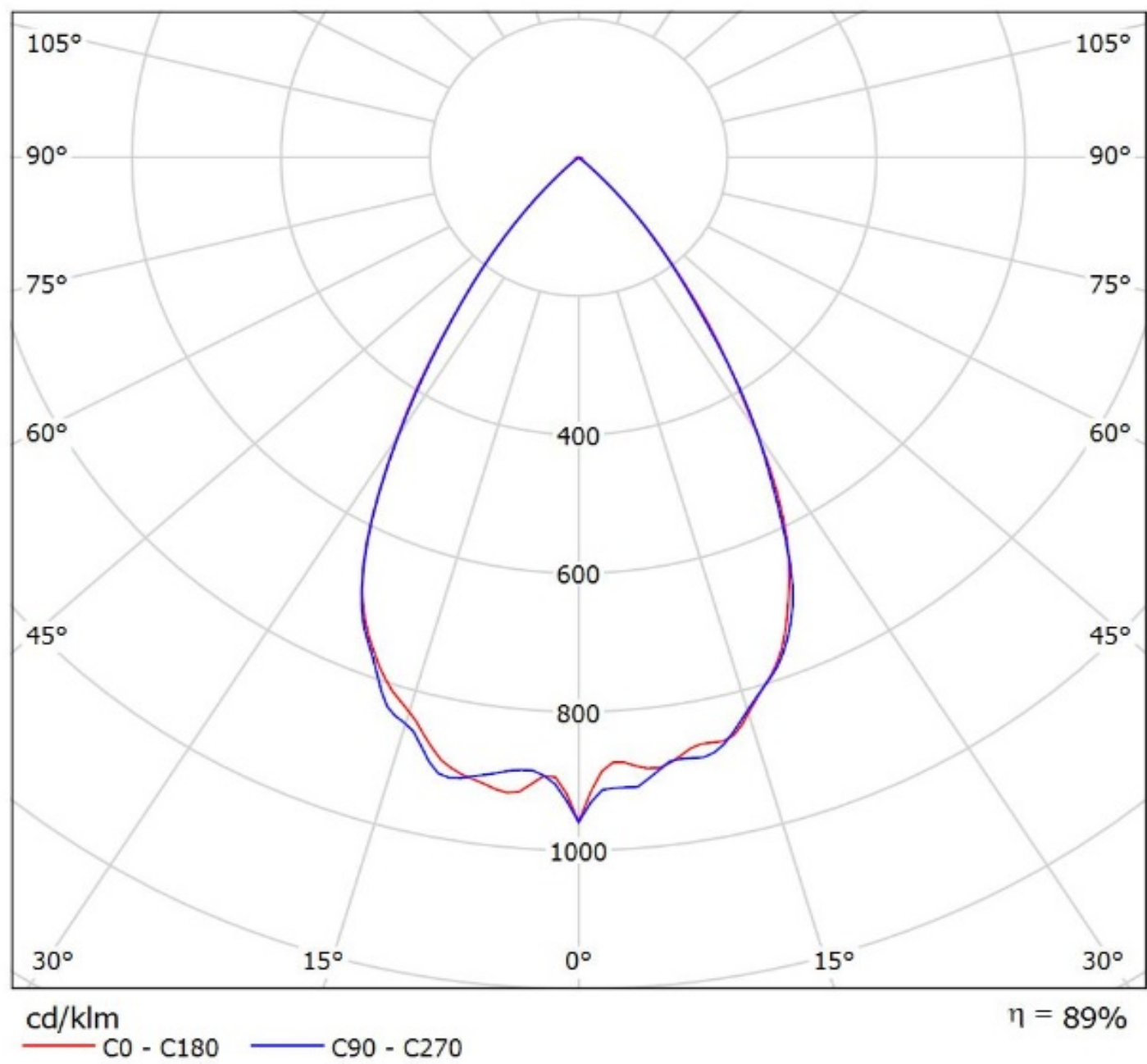
Luminaire: LEDiL Oy C13555\_BRIDGET-W-UNI\_(SLE-G5\_LES-11)  
Lamps: 1 x Tridonic\_SLE-G5\_LES-11\_1168.86lm@250mA\_P=8.3243W\_I=0.250A



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

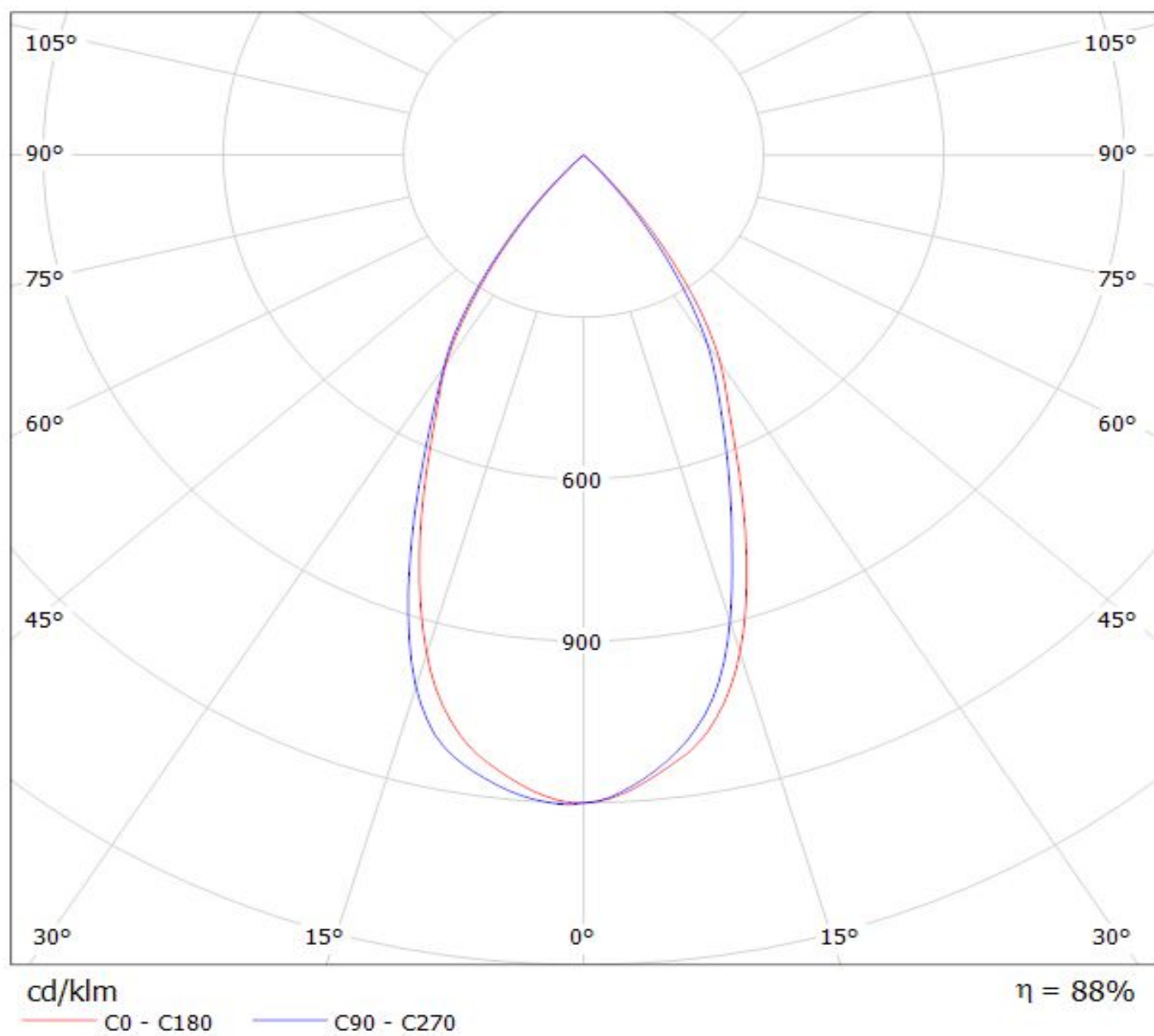


Luminaire: Ledil Oy C13555\_BRIDGET-W-UNI\_(Soleriq\_S9)\_SIMULATED  
Lamps: 1 x Osram Soleriq S9 (GW KAFJB3.EM)



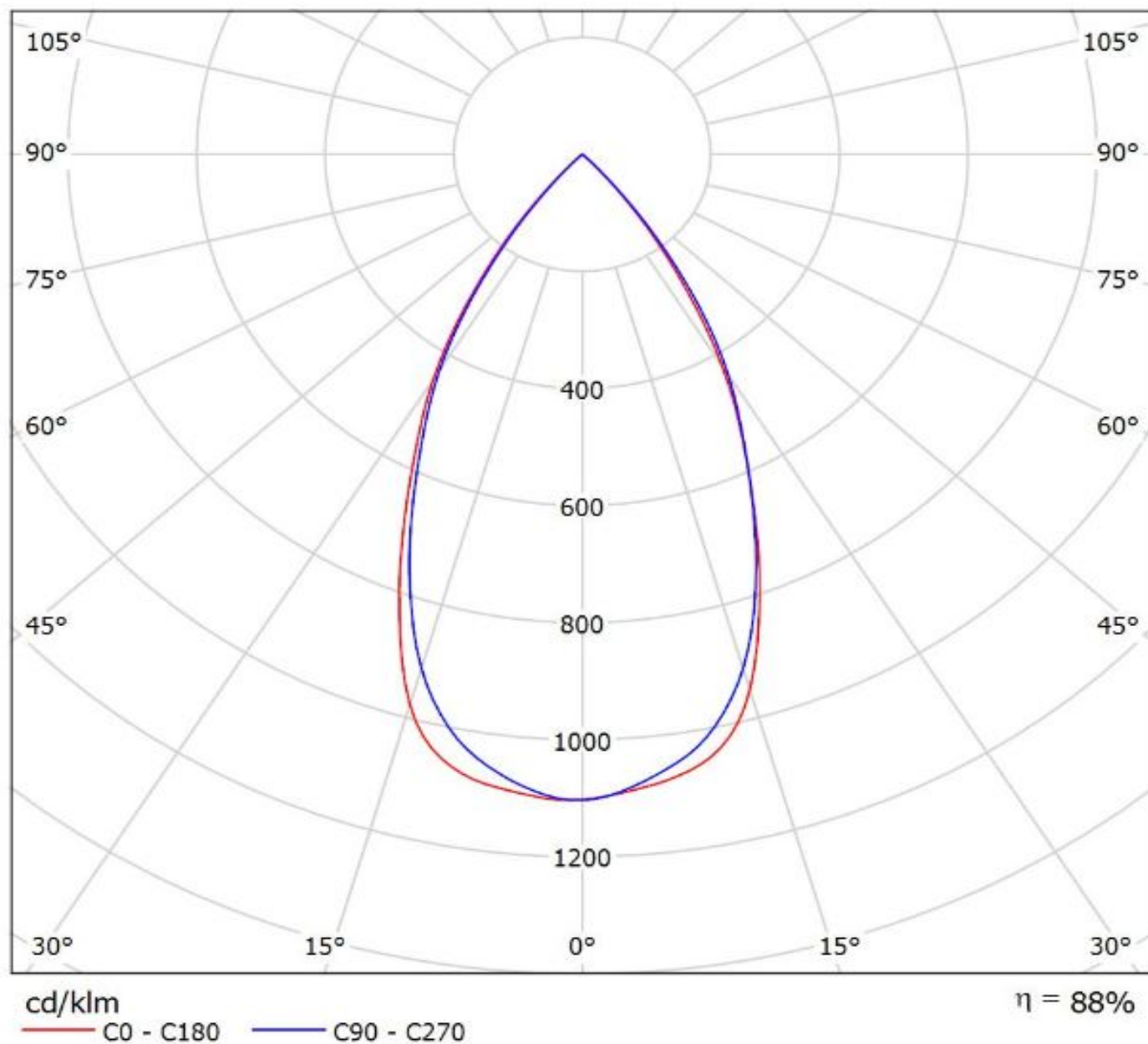
Luminaire: LEDiL Oy C13555\_BRIDGET-W-UNI\_(SLE-G5\_LES-6)

Lamps: 1 x Tridonic\_SLE-G5\_LES-6\_470.59lm@100mA\_P=3.3748W\_I=0.100A



Luminaire: Ledil C13555\_BRIDGET-W-UNI\_(CLU700)

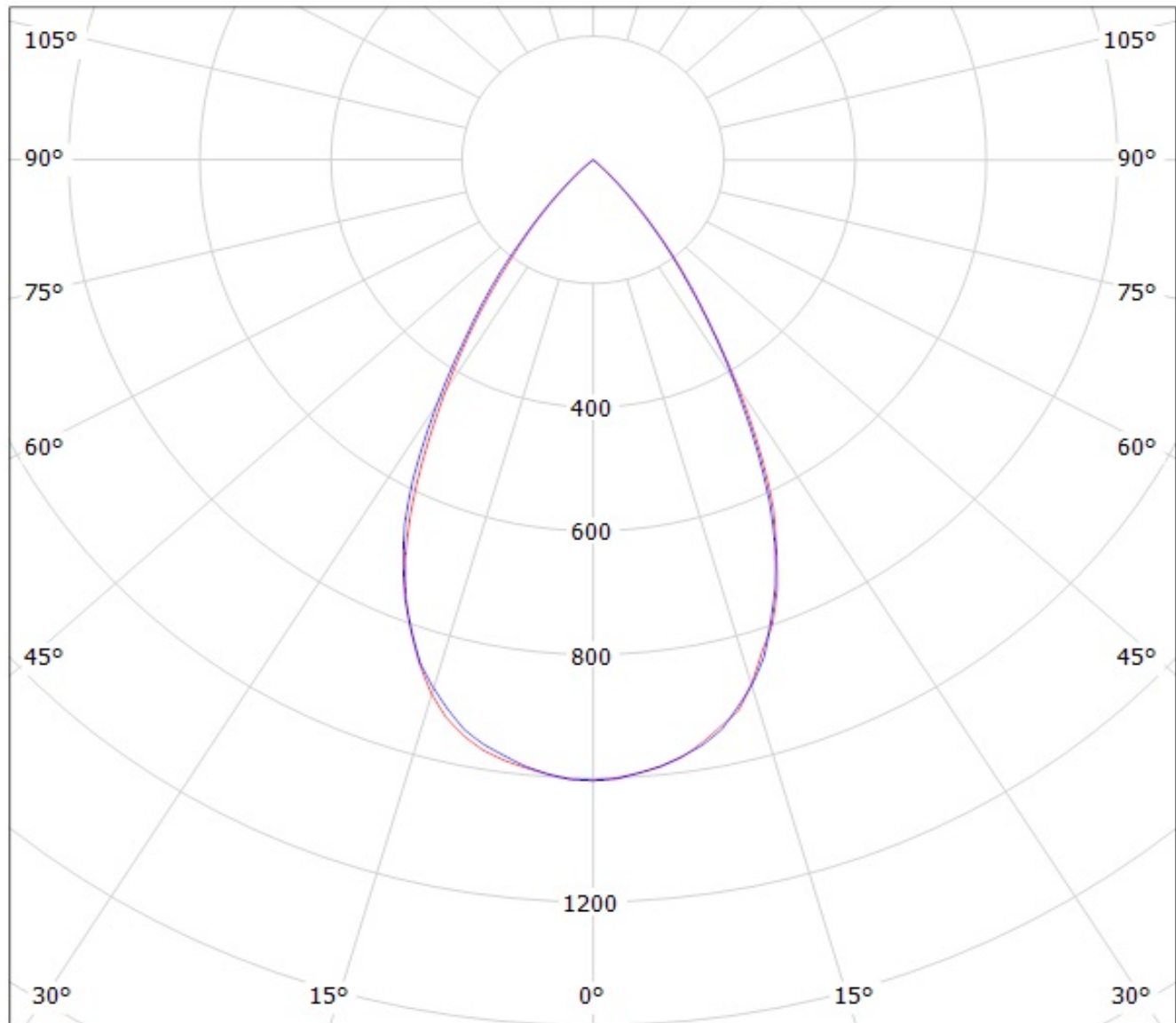
Lamps: 1 x Citizen\_CLU700\_394.637lm@100mA\_P=2.8W\_I=0.10A





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



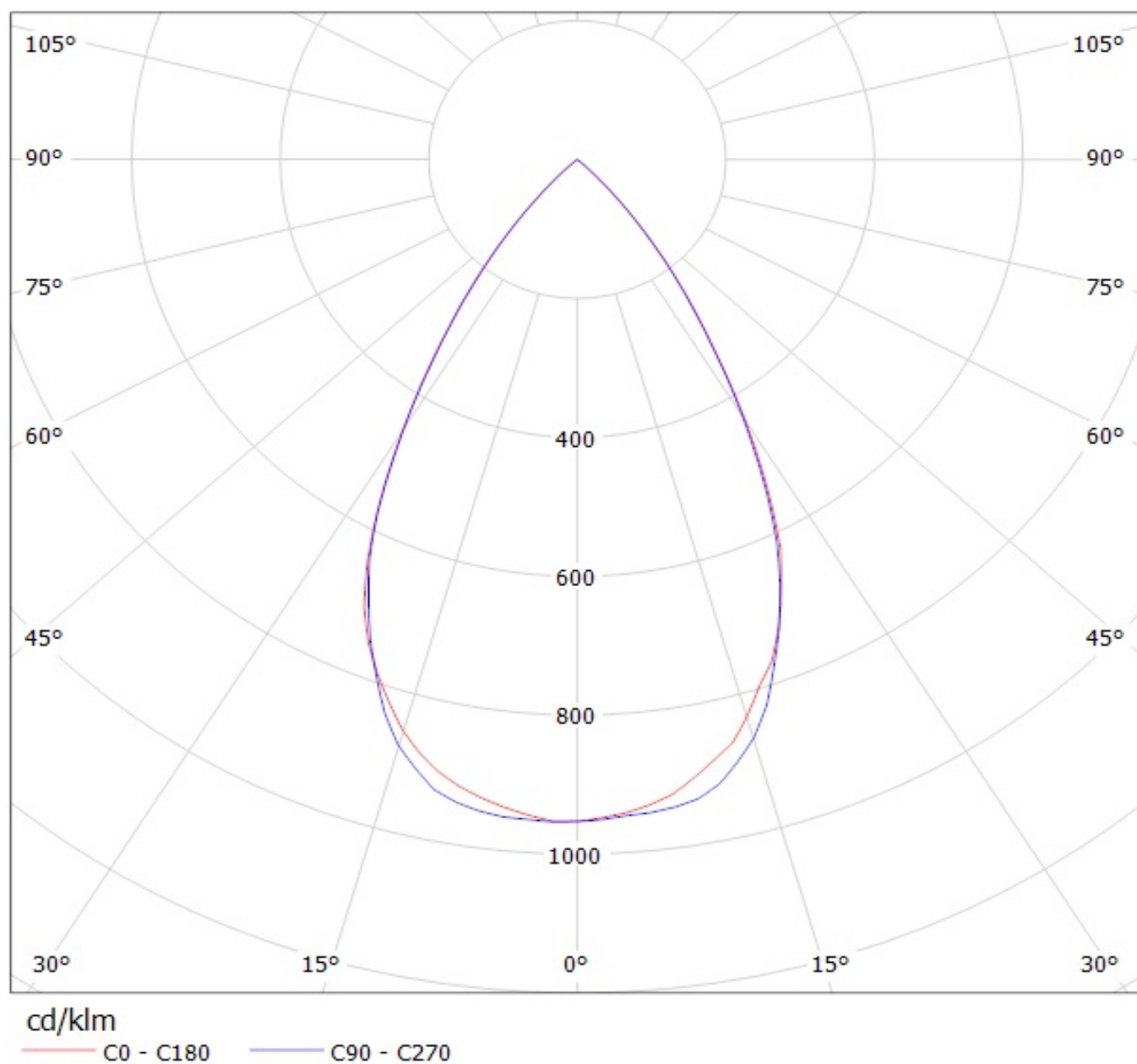
cd/klm

— C0 - C180

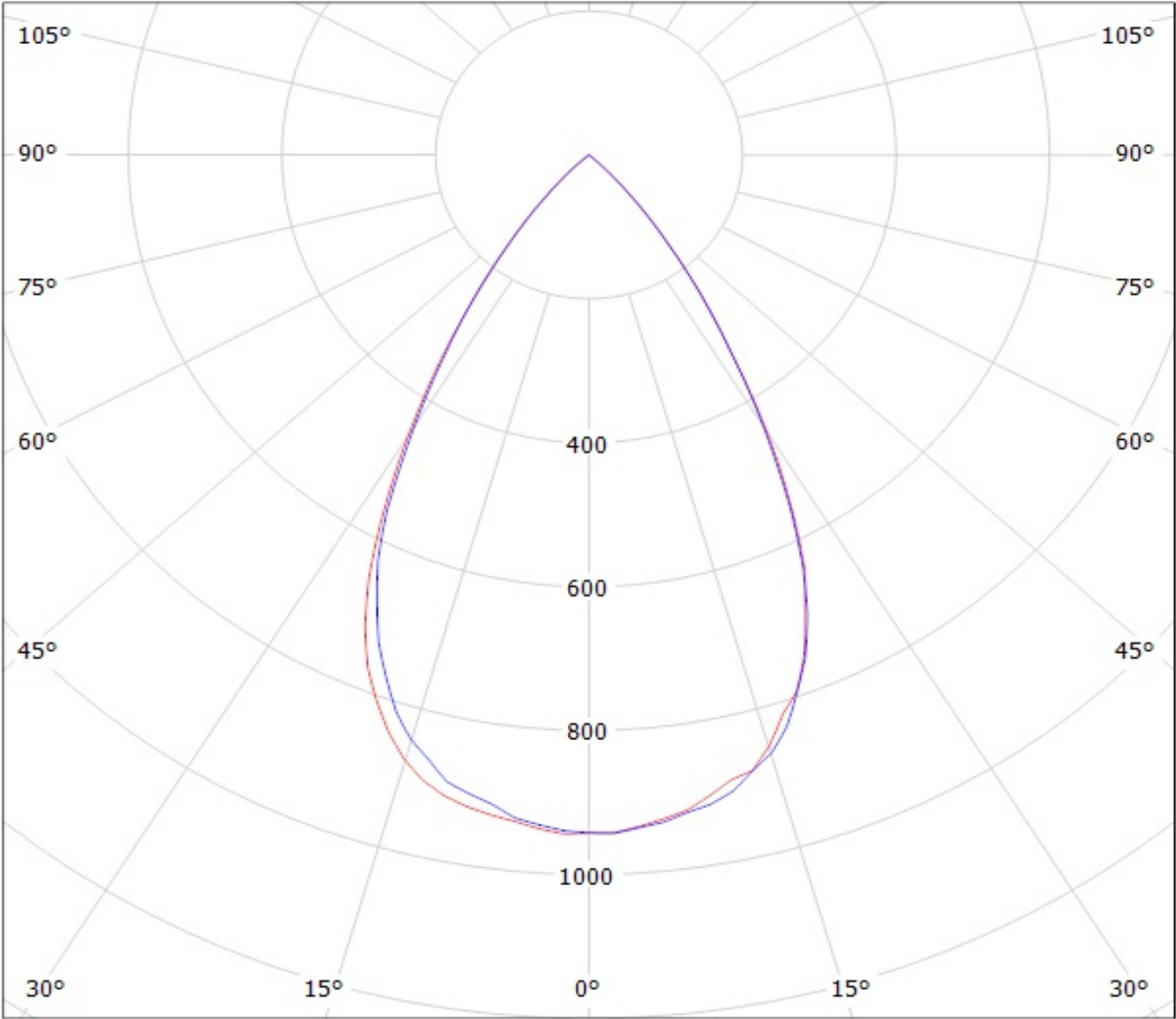
— C90 - C270



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

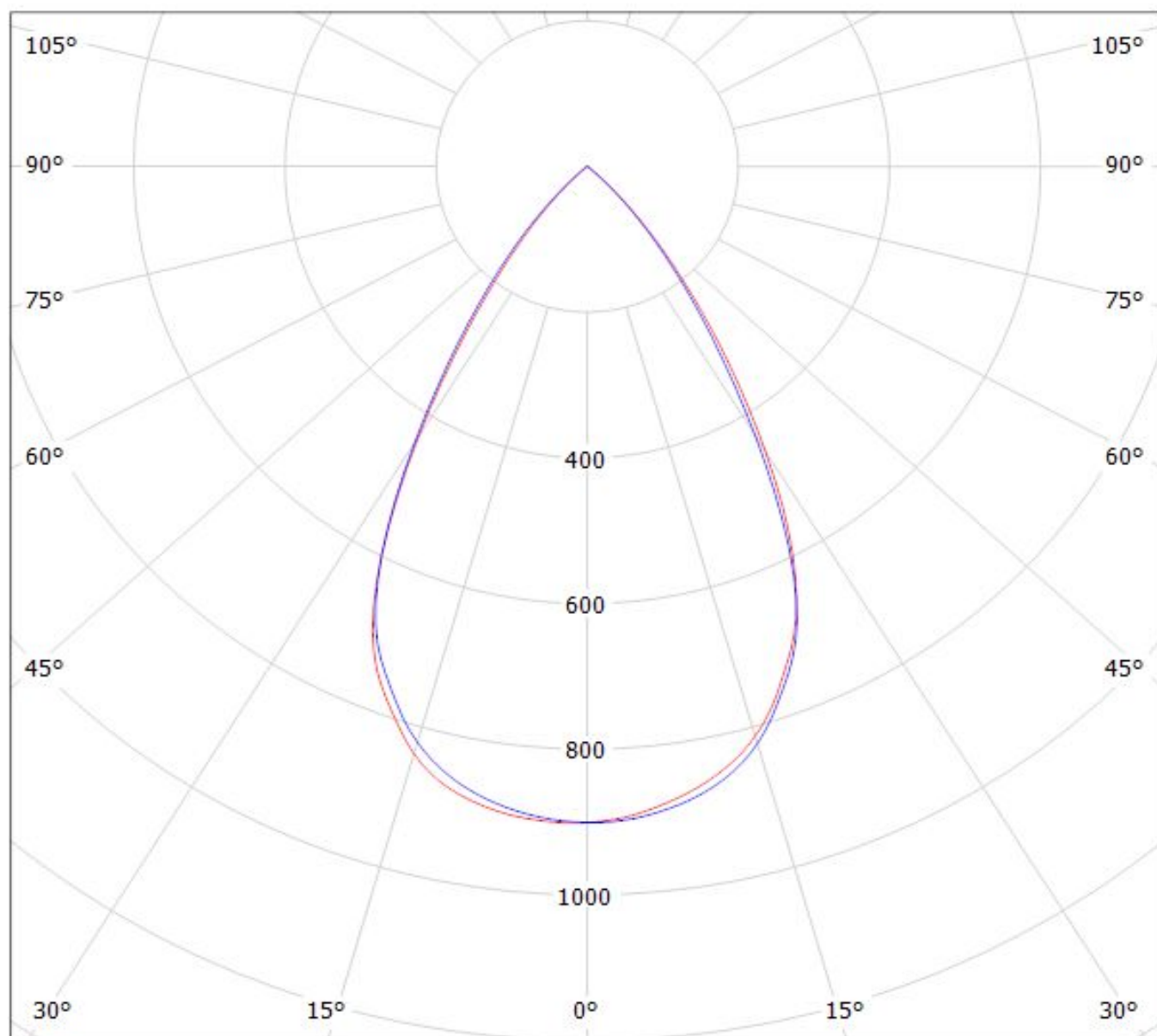


cd/klm

C0 - C180 C90 - C270

Luminaire: LEDiL Oy C13555\_BRIDGET-W-UNI\_(CXM-9)

Lamps: 1 x Luminus\_XNOVA\_CXM-9\_(AA00)\_977.302lm@240mA\_P=8.28264W\_I=240mA



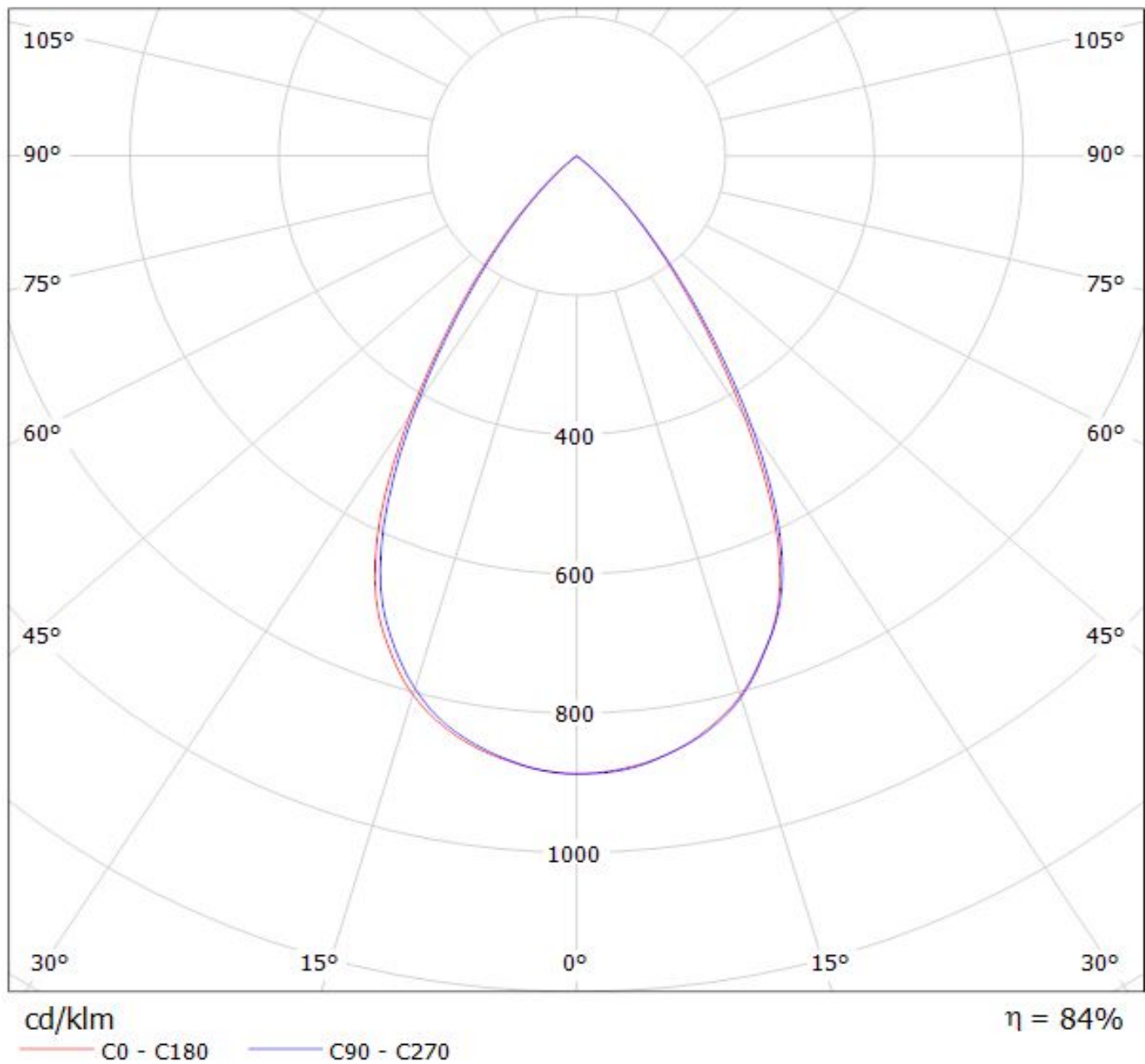
cd/klm

$\eta = 87\%$

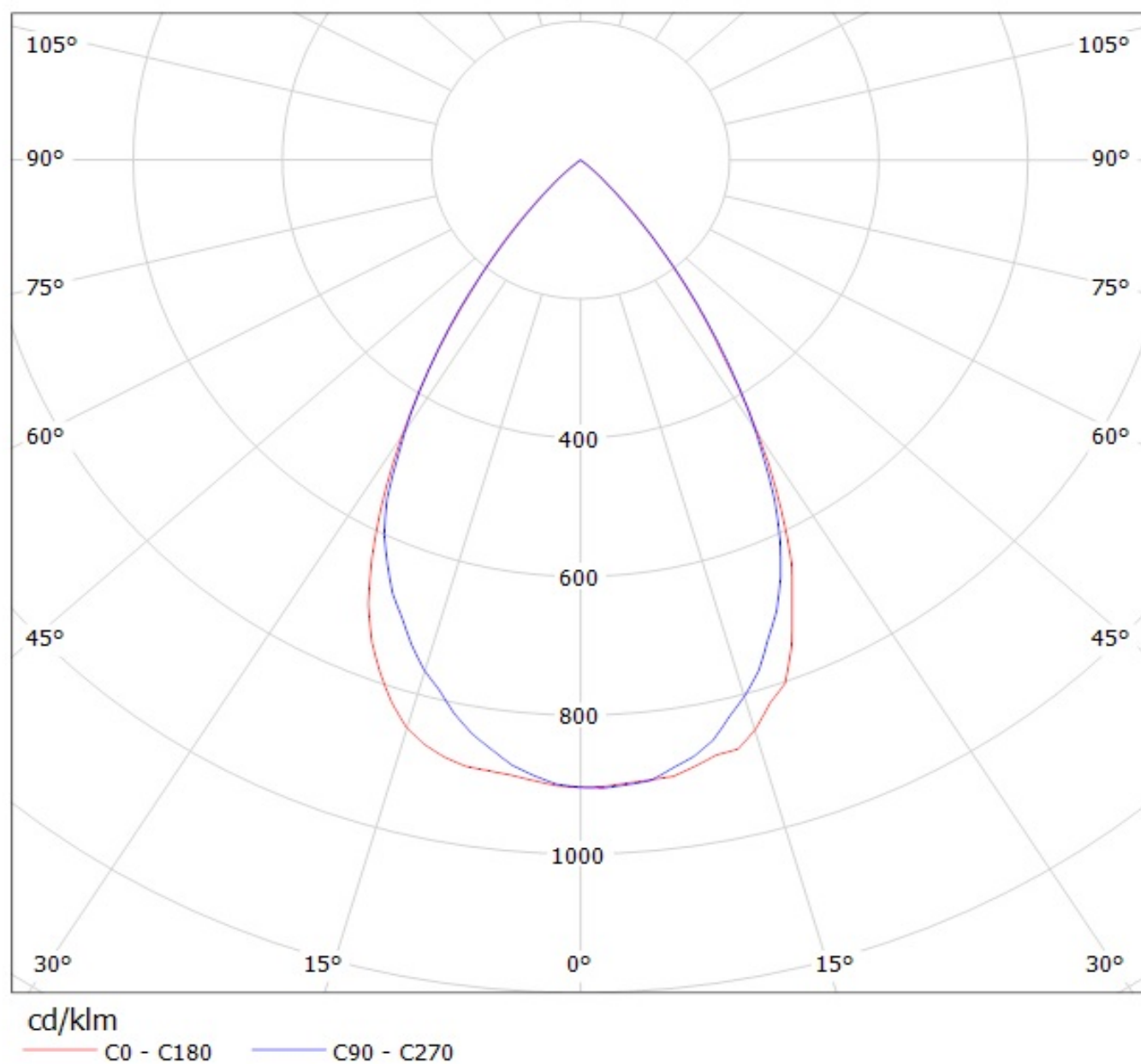
— C0 - C180

— C90 - C270

Luminaire: LEDiL Oy C13555\_BRIDGET-W-UNI\_(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



**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.
- Fastening to PCB with appropriate adhesive. By clicking link below you can find Ledil recommended glue options.  
[http://www.ledil.com/datasheets/DataSheet\\_GLUES.pdf](http://www.ledil.com/datasheets/DataSheet_GLUES.pdf)

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.

**NOTE 1: We advise customer to ensure the suitability and sufficiency of the bond in the end product. For example, mechanical stress, vibration and holes on the surface of the circuit board weaken the strength of the glue.**

**NOTE 2: All surfaces where glue is applied must be clean, dry and free from grease and dirt. If cleaning of PCB surfaces is needed, please follow strictly the cleaning instructions of your LED manufacturer -this is important as cleaning shall under no circumstances damage LEDs or other electronics components on the PCB.**

**Further note that optical components shall not be cleaned with any chemicals - only micro fiber cloth may be used to remove fingerprints or other traces from handling.**