

## DETAILS

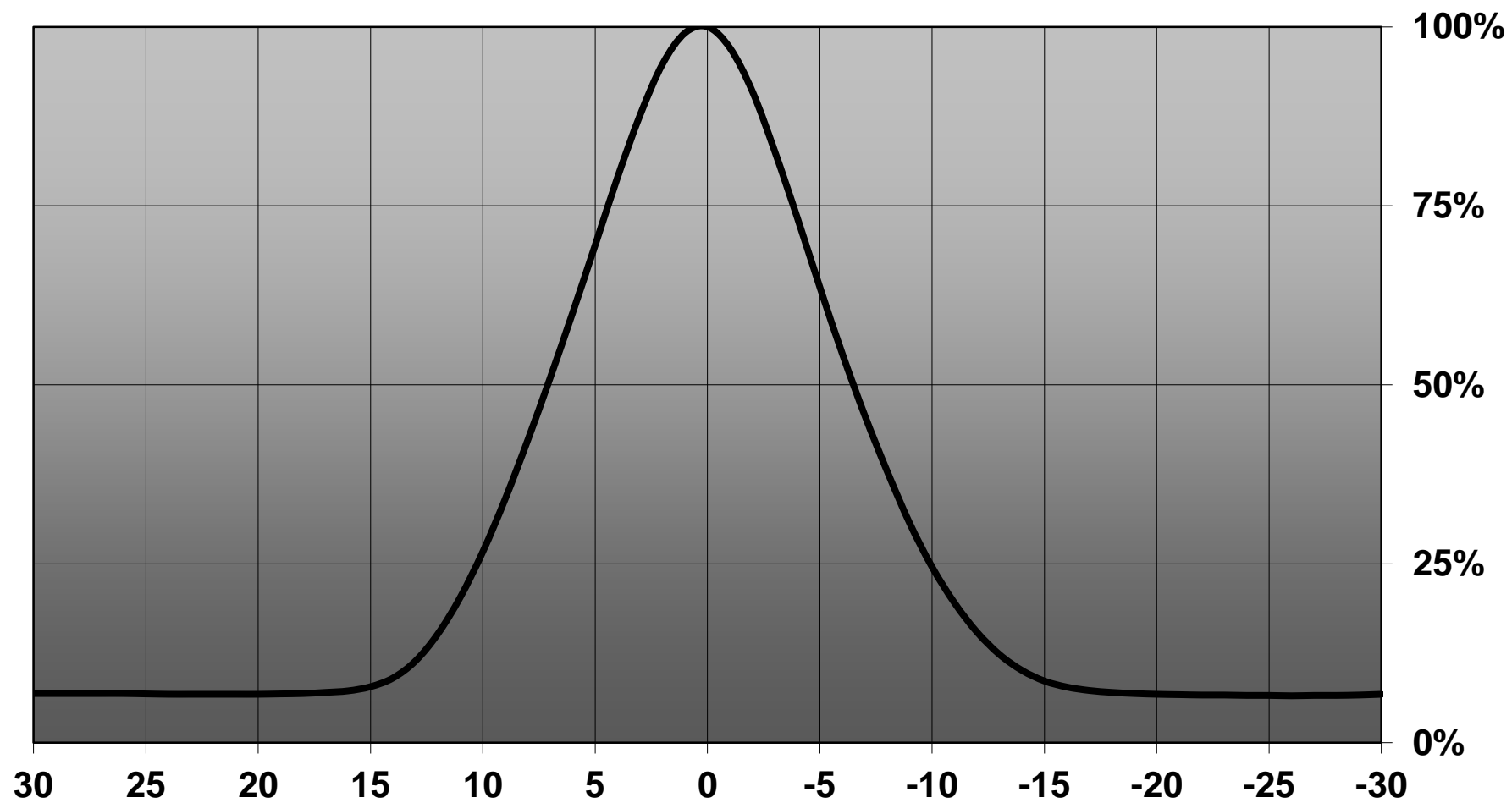
<b>Product Number</b>	C13557_BRIDGET-S-UNI
<b>Family</b>	Bridget
<b>Type</b>	Reflector
<b>Color</b>	metal
<b>Diameter</b>	22,6 mm
<b>Height</b>	12,8 mm
<b>Style</b>	hexag
<b>Optic Material</b>	PC
<b>Holder Material</b>	
<b>Fastening</b>	glue
<b>Status</b>	production ready
<b>ROHS Compliant</b>	Yes
<b>Date Updated</b>	2/05/2016

## OPTICAL PROPERTIES

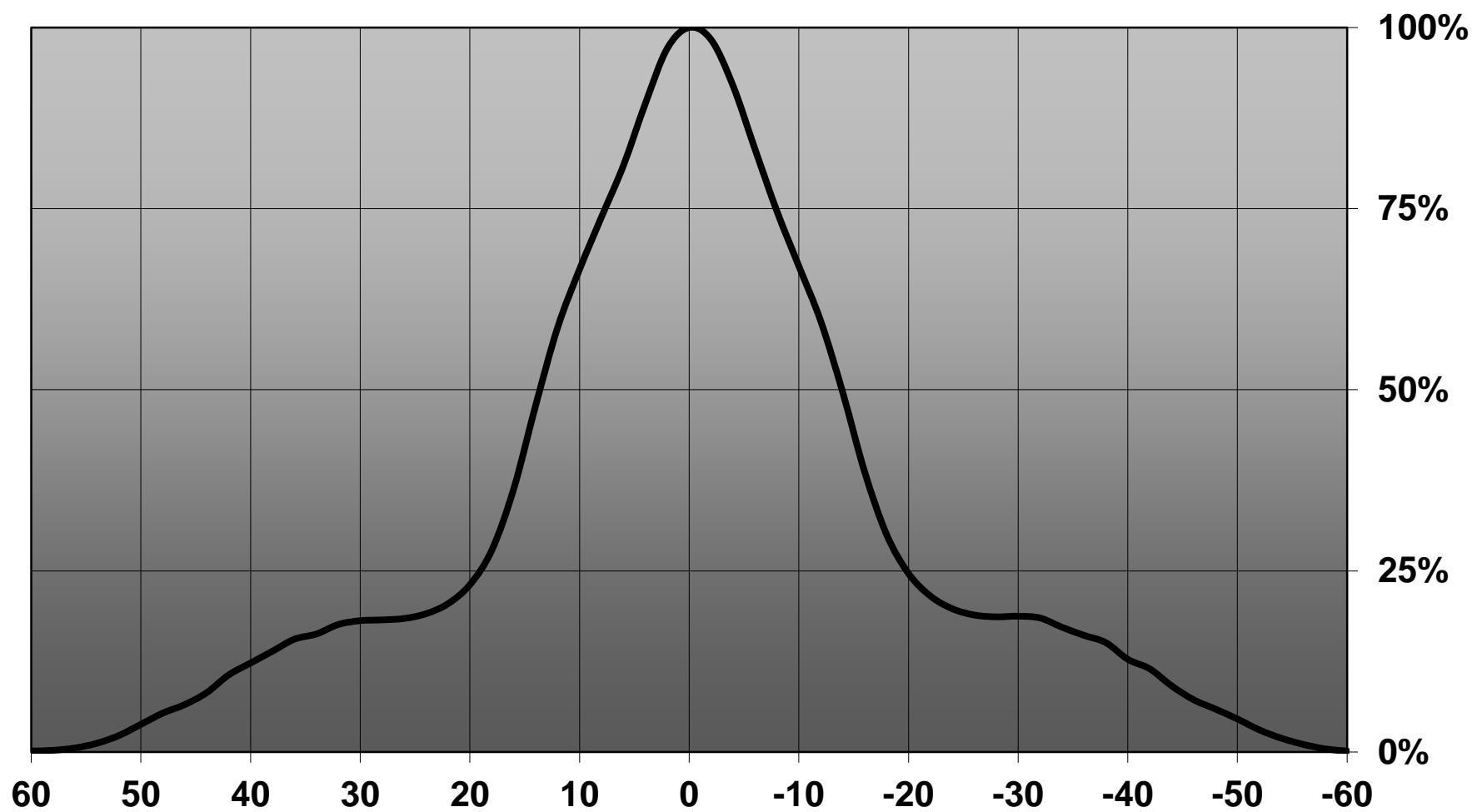
LED	Viewing Angle	Light Beam	Effi- ciency	cd/lm	Connector
Solერიq S9	sim: 42	Spot	sim: 89 %	sim: 1.100	-
XP-L HI	14 deg	Spot	90 %	5.000	-
SLE G5 LES6	24 deg	Spot	88 %	2.200	-
CLU700	26 deg	Spot	87 %	1.900	-
Solერიq P6	28 deg	Spot	82 %	1.940	-
BXRA ES Star	35 deg	Spot	86 %	1.300	-
CXA/B 15xx	39 deg	Spot	87 %	1.300	-
Solერიq P9	39 deg	Spot	86 %	1.230	-
Mini Zenigata (GW5BM)	42 deg	Spot	87 %	1.200	-
CLL02x/CLU02x (LES10)	44 deg	Spot	85 %	1.100	-
CXM-9	45 deg	Spot	87 %	1.100	-
SLE G5 LES11	48 deg	Spot	84 %	0.990	-



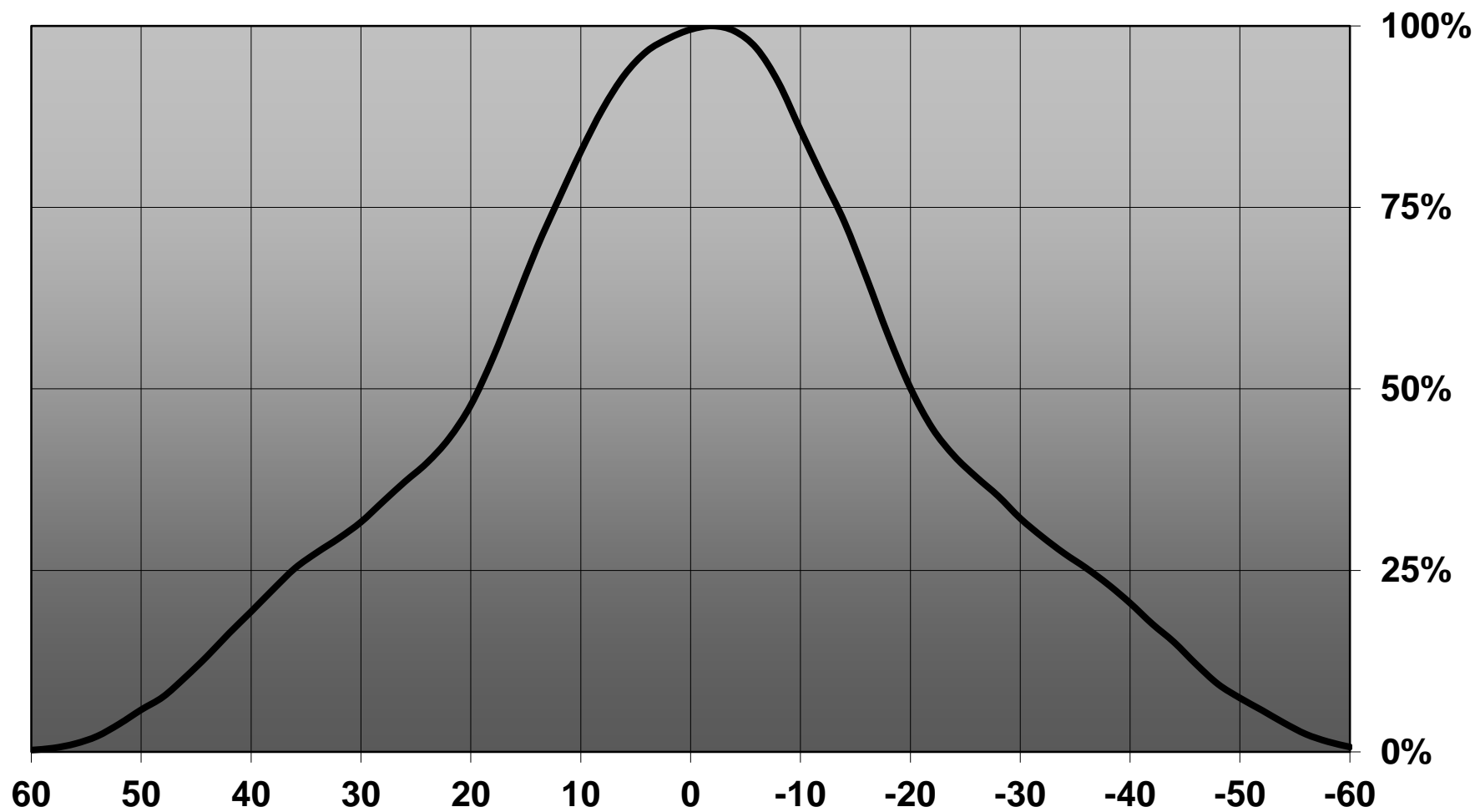
Relative intensity of C13557\_BRIDGET-S-UNI\_(XP-L\_HI)

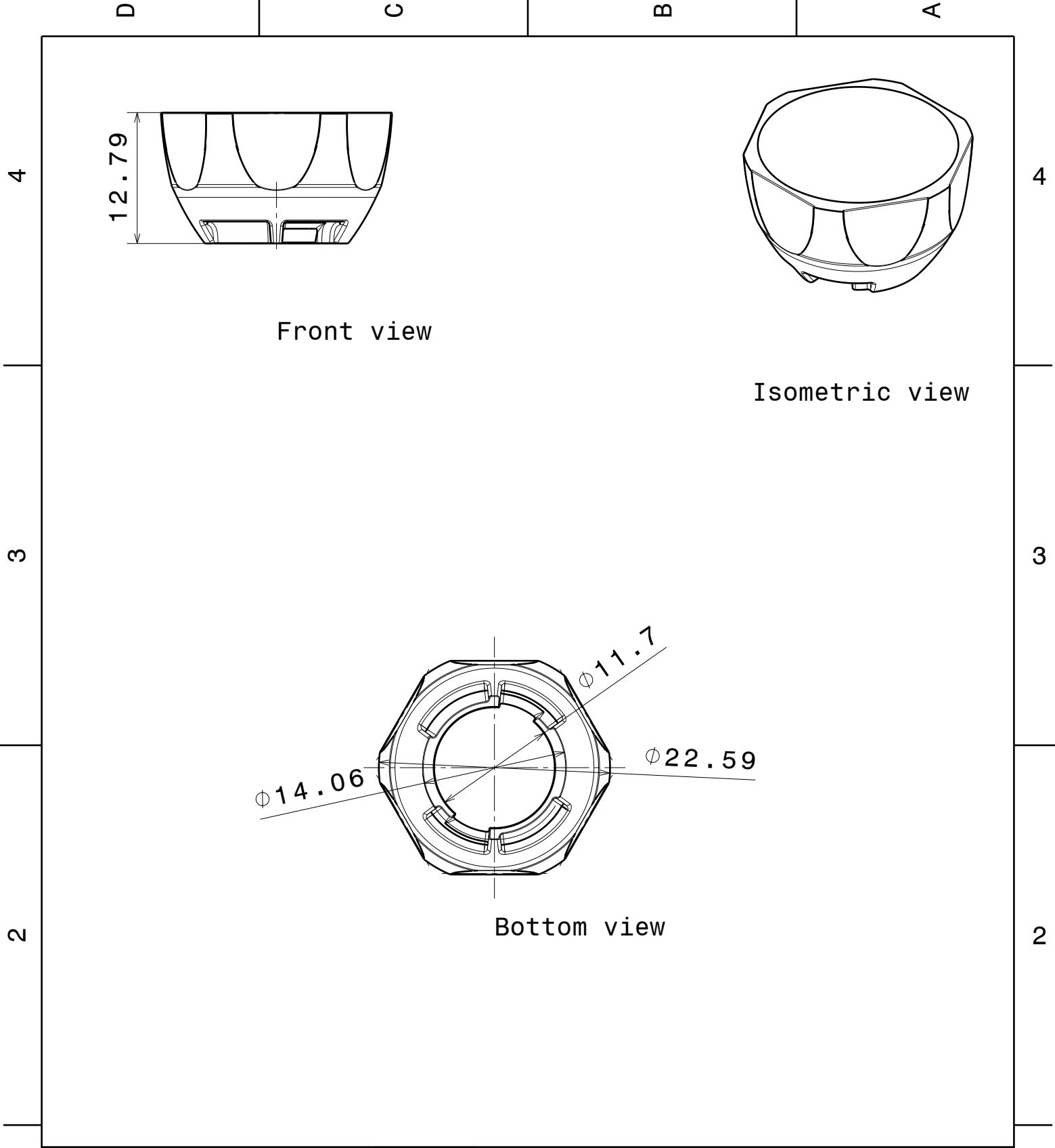


Relative intensity of C13557\_BRIDGET-S-UNI\_(Soleriq P6)



Relative intensity of C13557\_BRIDGET-S-UNI\_(Soleriq P9)



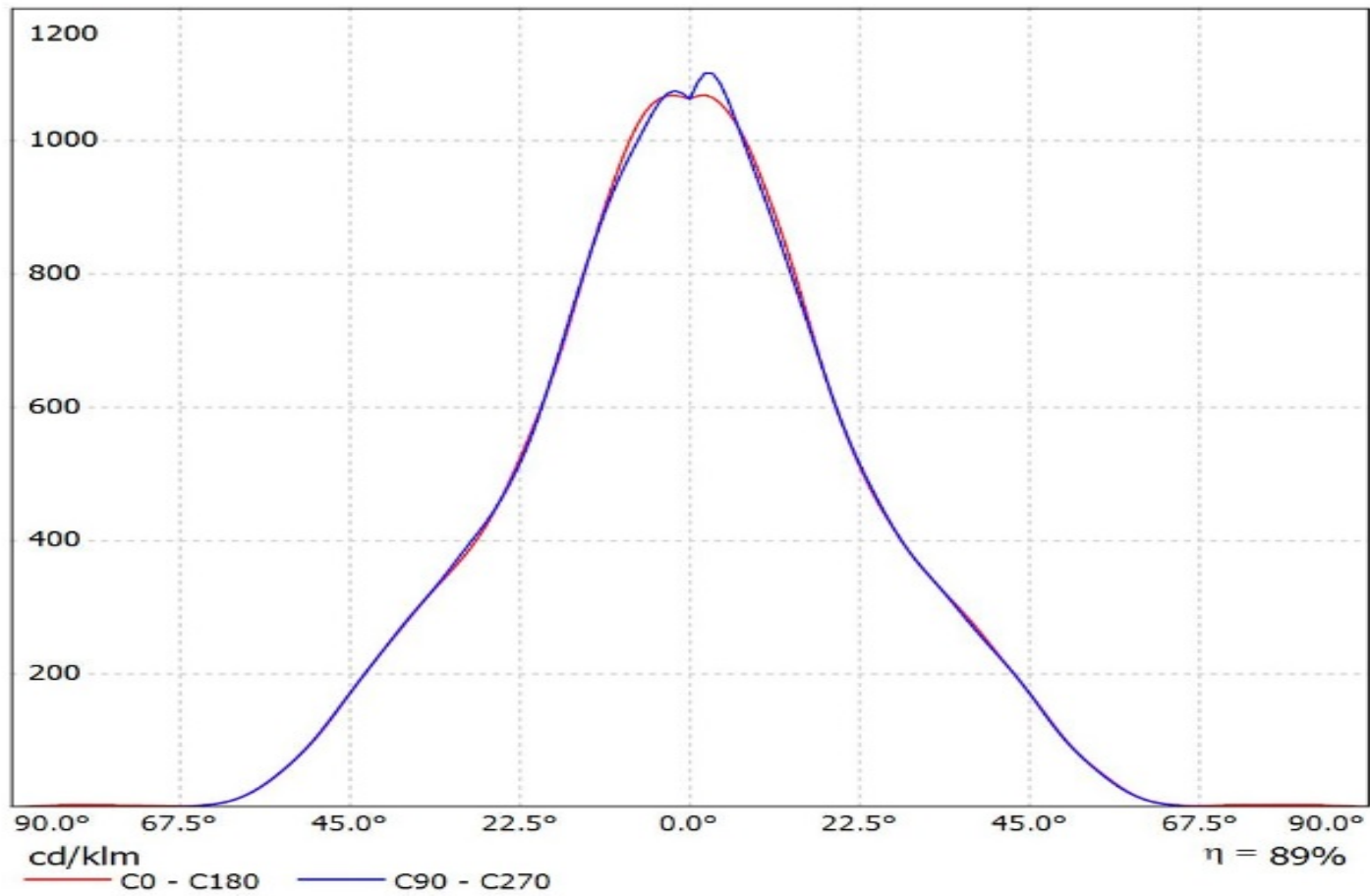


Tolerances if not otherwise shown According to DIN ISO 2768-1 Linear measures: Up to 30mm class M, otherwise class C. According to DIN ISO 2768-2 Form and position: class L		<div>LEDiL</div> <div>Ledil Oy Salorankatu 10 FIN 24240 SALO Finland</div>			
THIRD ANGLE PROJECTION: 		DRAWING TITLE BRIDGET_UNI_Datasheet			
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

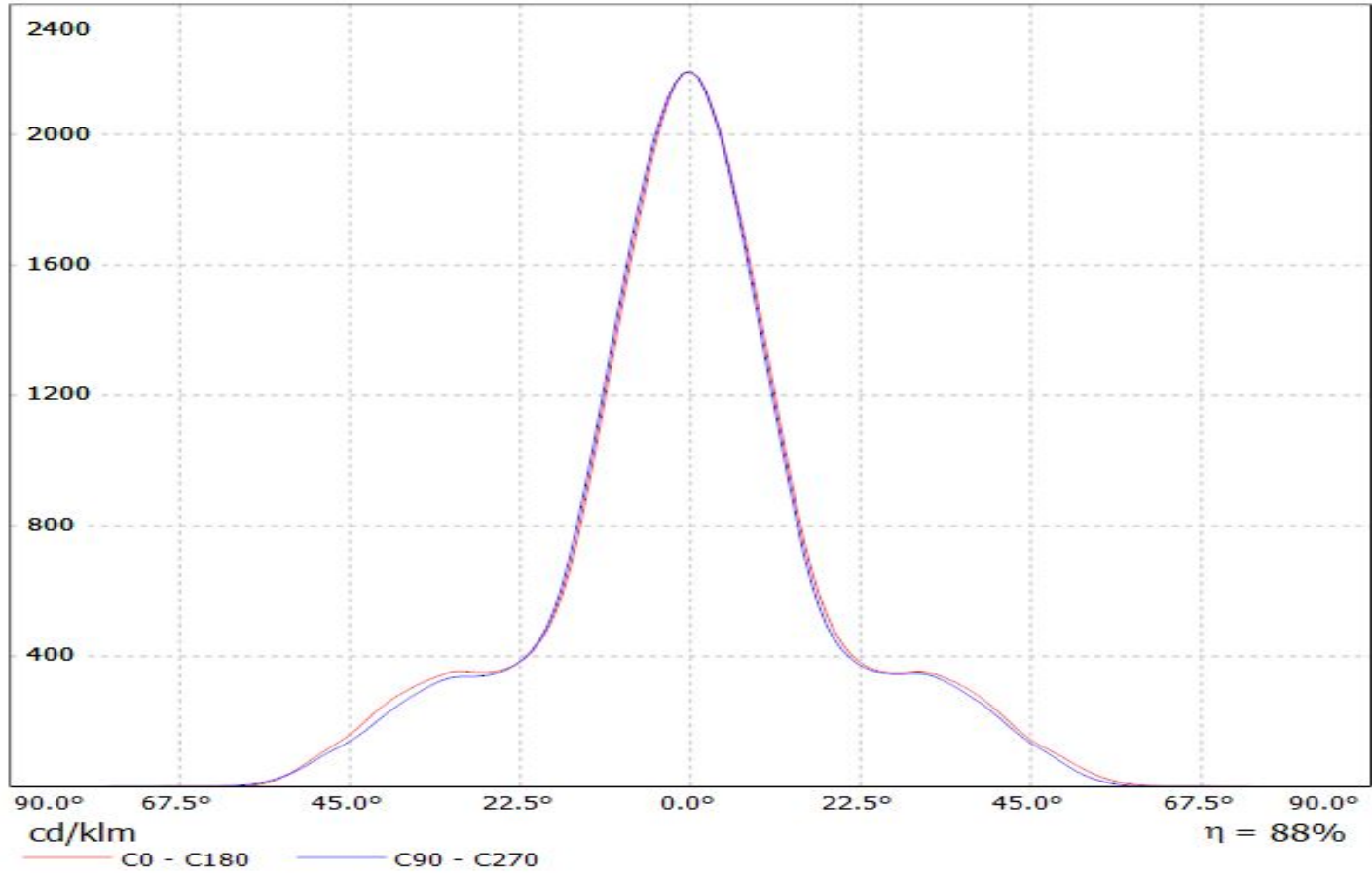
D

A

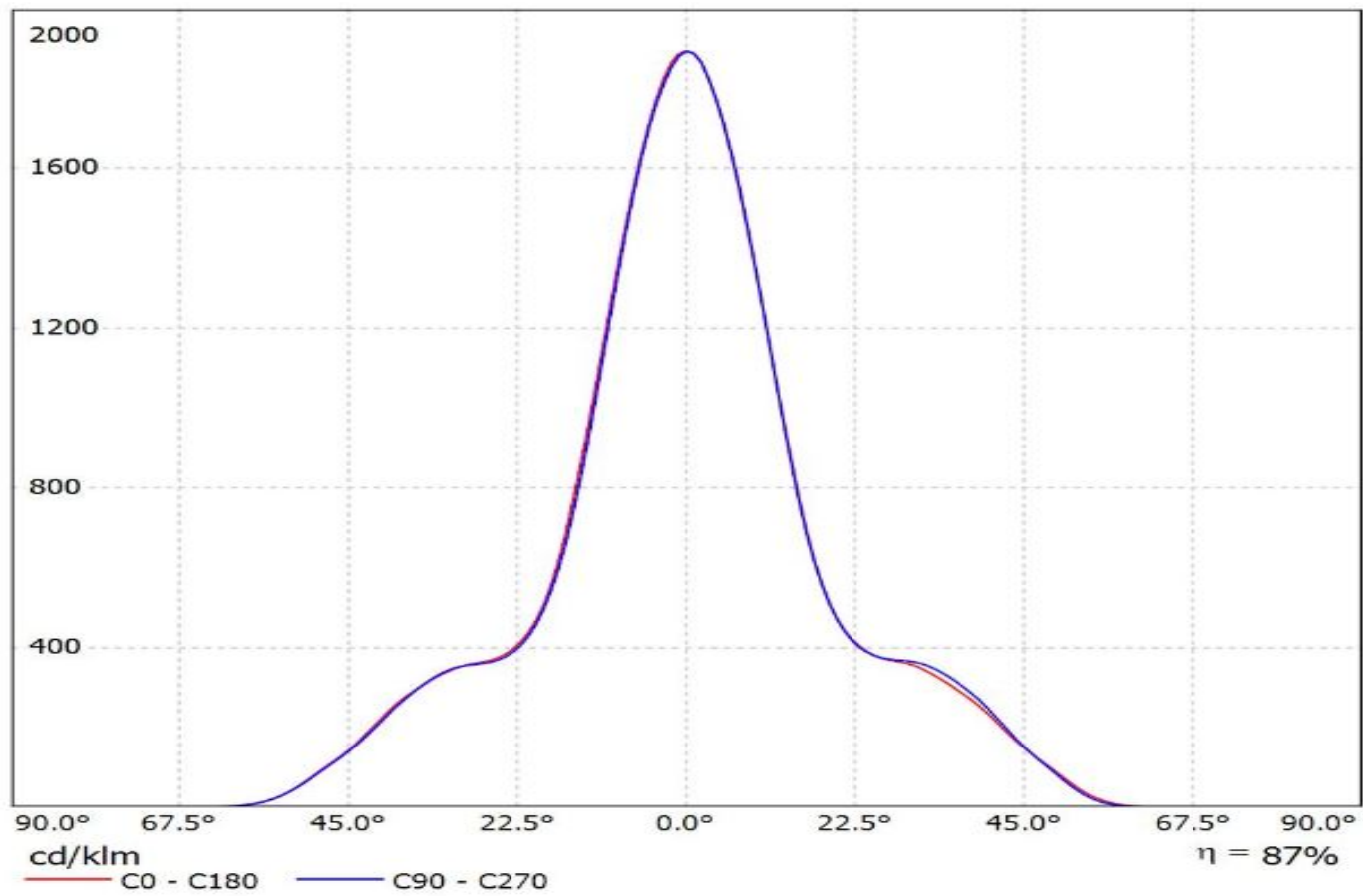
Luminaire: Ledil Oy C13557\_BRIDGET-S-UNI\_(Soleriq\_S9)\_SIMULATED  
Lamps: 1 x Osram Soleriq S9 (GW KAFJB3.EM)



Luminaire: LEDiL Oy C13557\_BRIDGET-S-UNI\_(SLE-G5\_LES-6)  
Lamps: 1 x Tridonic\_SLE-G5\_LES-6\_470.59lm@100mA\_P=3.3748W\_I=0.100A

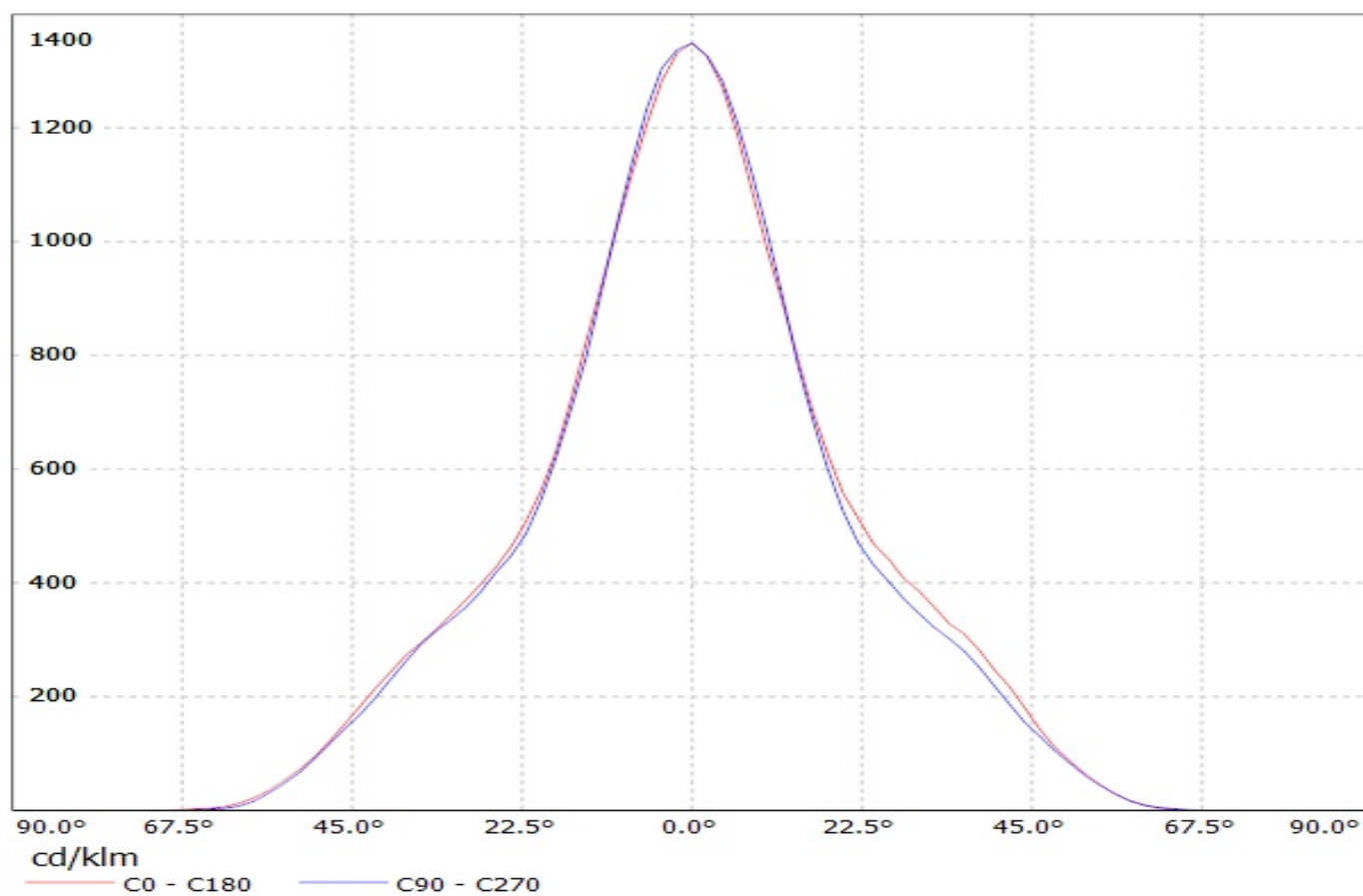


Luminaire: Ledil C13557\_BRIDGET-S-UNI\_(CLU700)  
Lamps: 1 x Citizen\_CLU700\_394.637lm@100mA\_P=2.8W\_I=0.10A

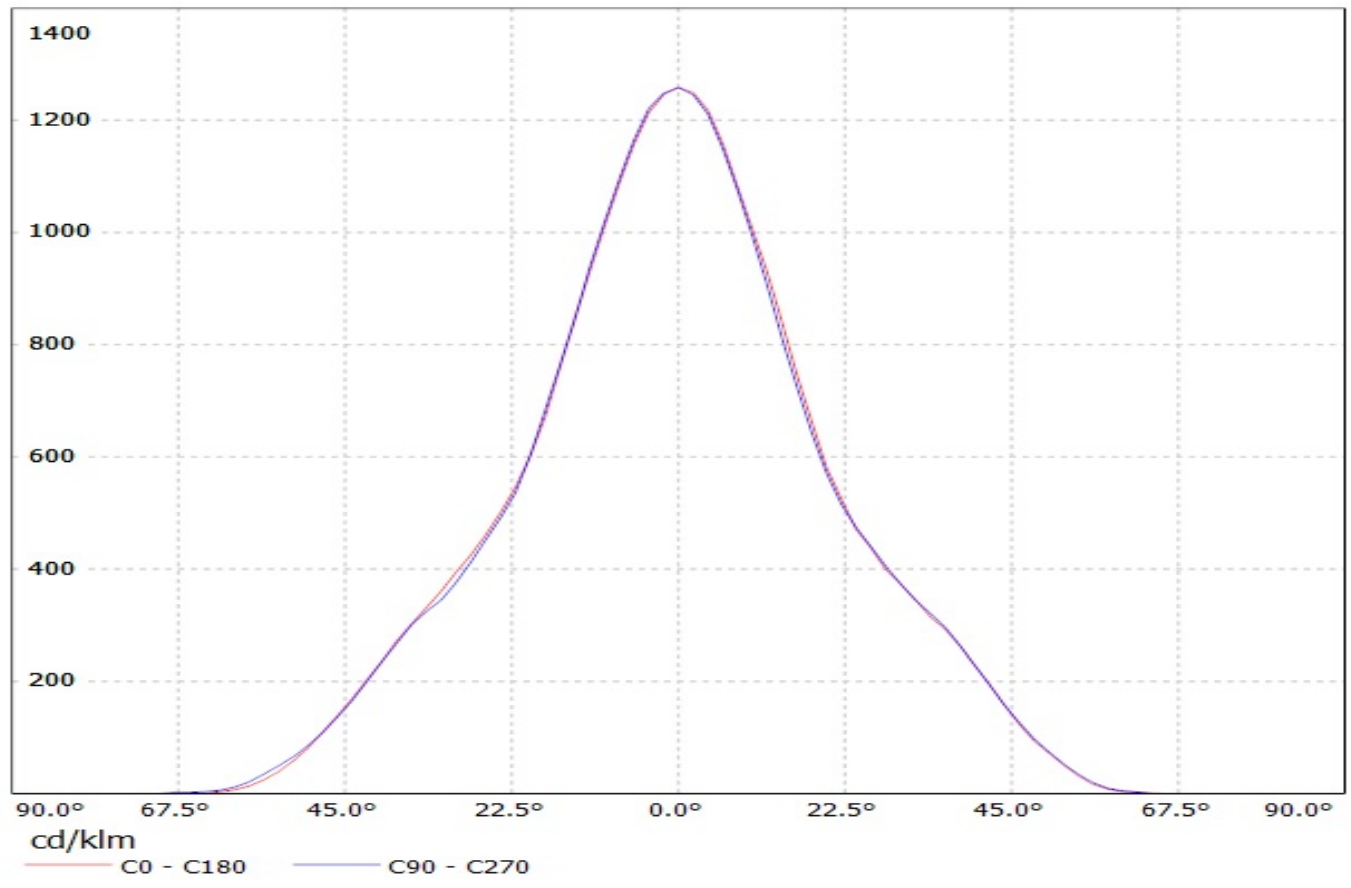




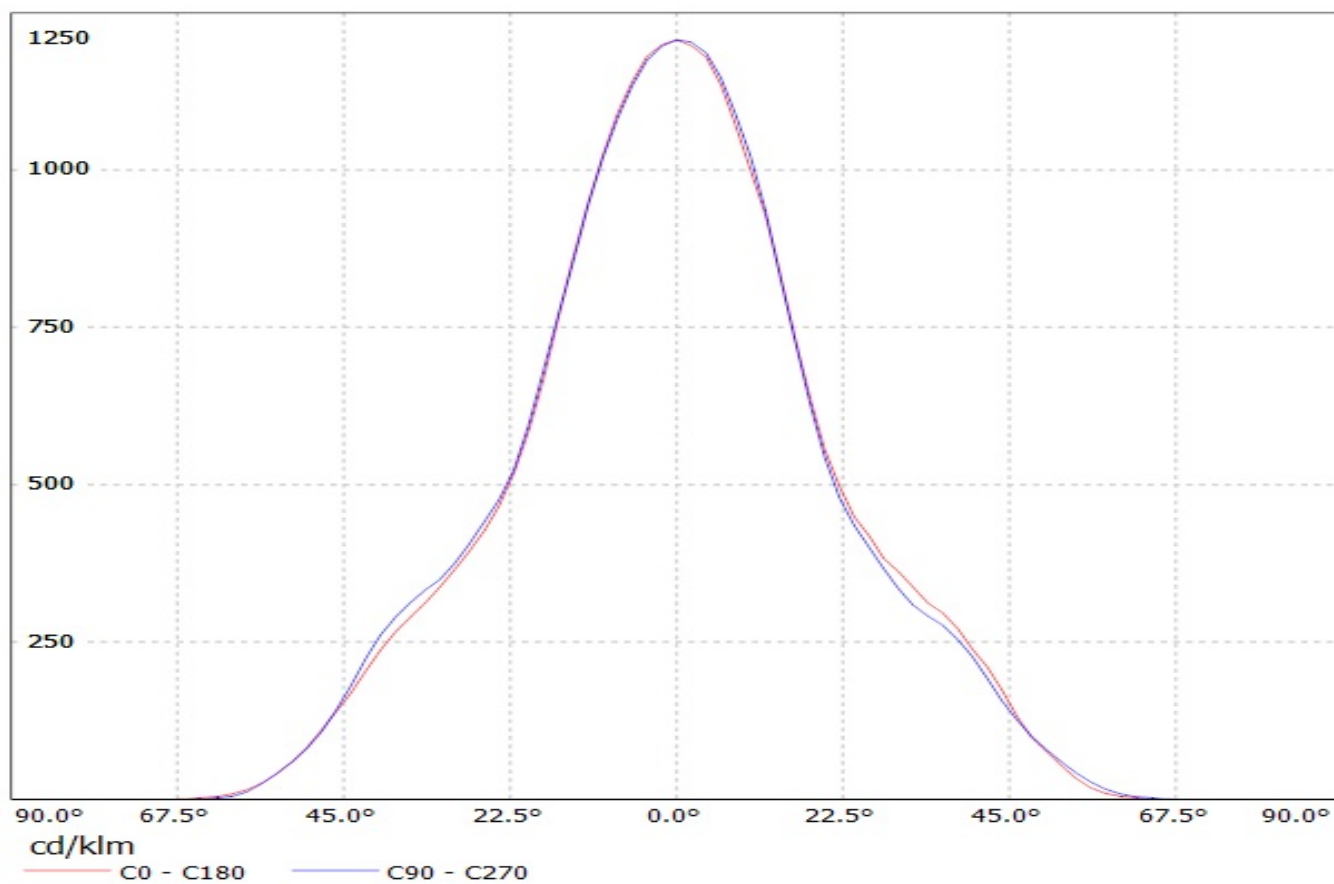
Luminaire: LEDil Oy C13557\_BRIDGET-S-UNI\_(BXRA\_ES\_STAR) Efficiency=86%  
Lamps: 1 x Bridgelux BXRA ES Star (C0402) 203lm @ 250mA CCT=7300K P=2.2W I=250mA



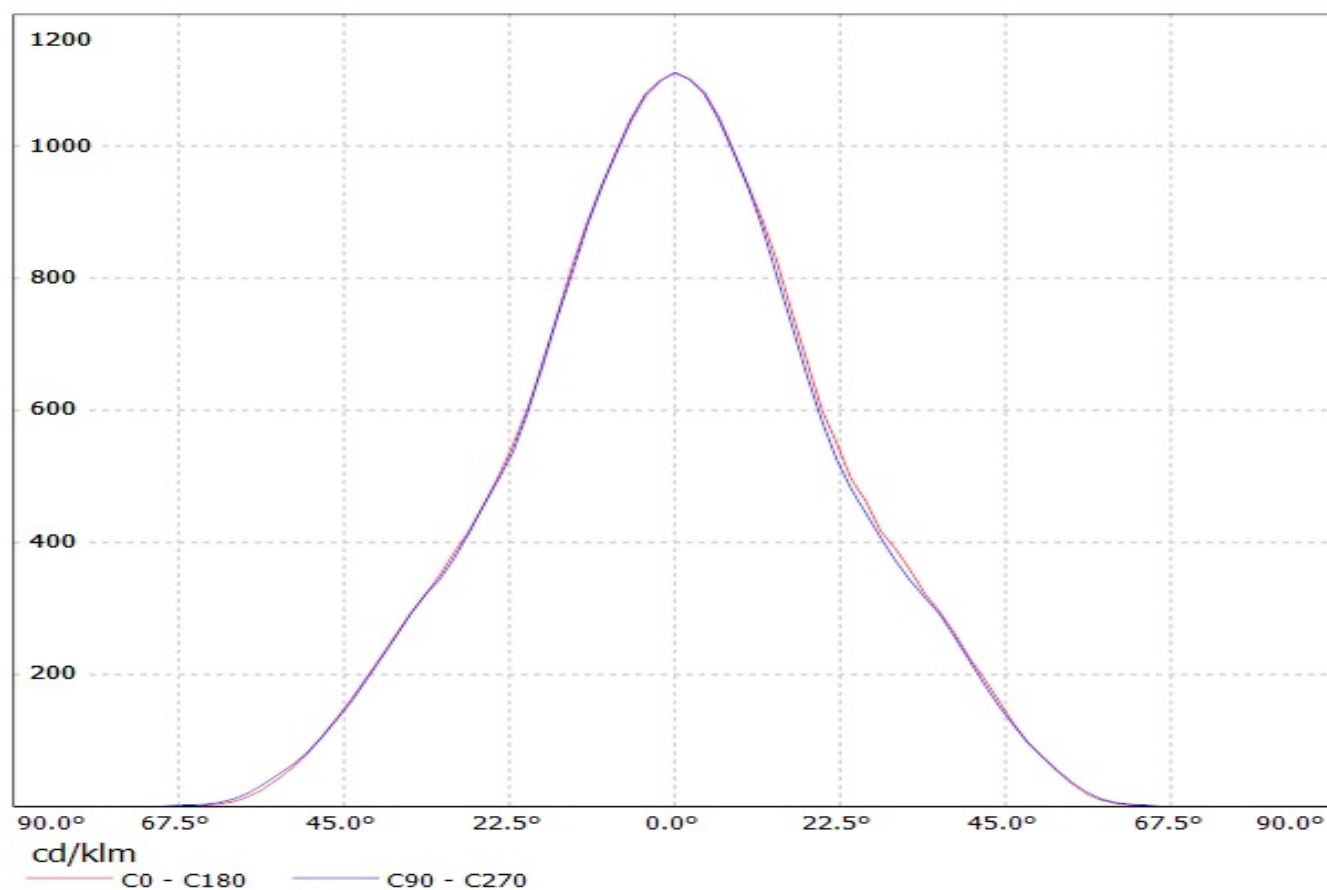
Luminaire: LEDil Oy C13557\_BRIDGET-S-UNI\_(CXA15) Efficiency=87%  
Lamps: 1 x Cree CXA15 (CXA1507-30F-F2-N0A-00000) 218lm @ 250mA CCT=3100K P=1.7W I=250mA



Luminaire: LEDil Oy C13557\_BRIDGET-S-UNI\_(Mini\_Zenigata\_GW5BJT) Efficiency=87%  
Lamps: 1 x Sharp Mini Zenigata (GW5BTJ) 378lm @ 250mA CCT=4100K P=4.5W I=250mA

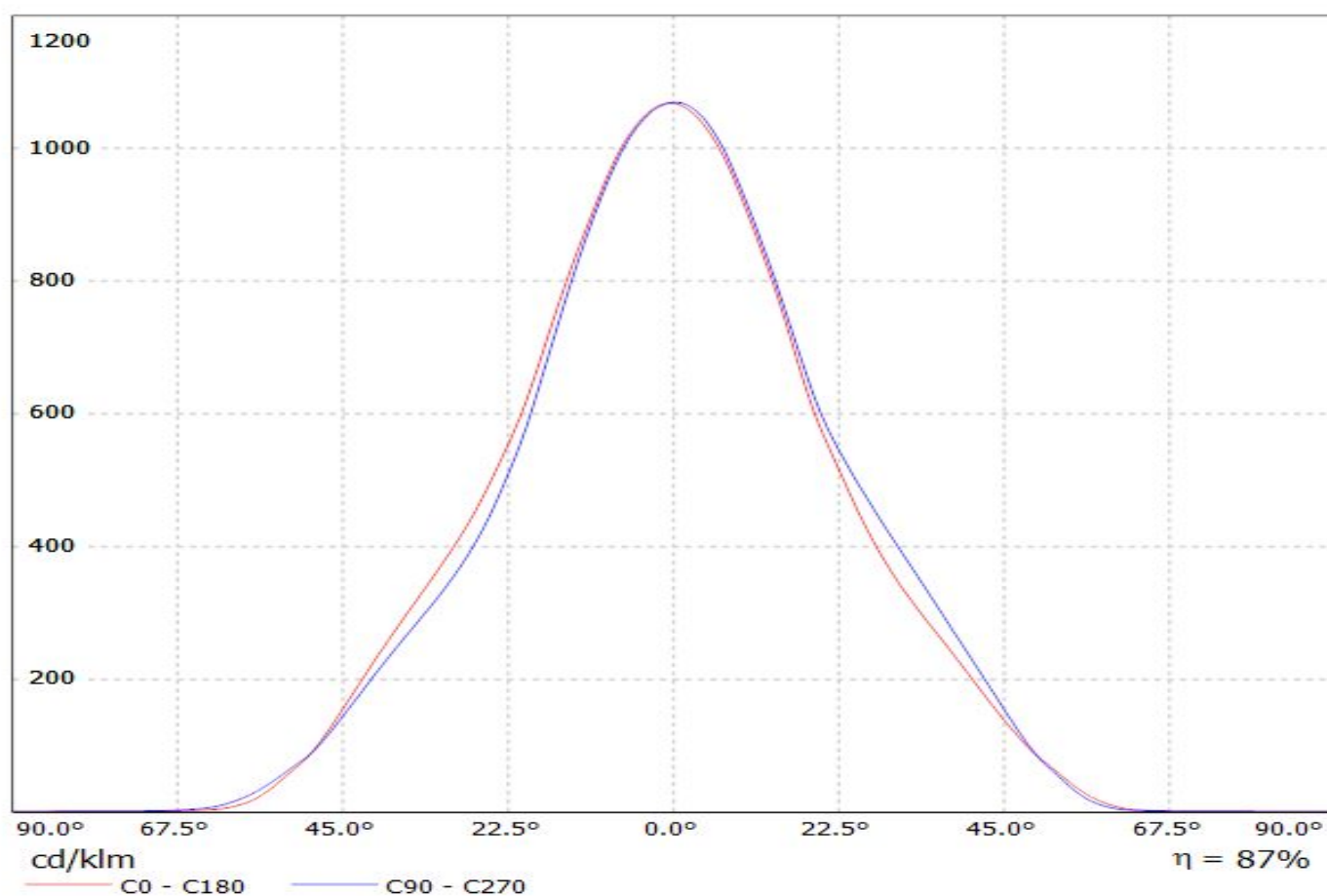


Luminaire: LEDil Oy C13557\_BRIDGET-S-UNI\_(CLL020) Efficiency=85%  
Lamps: 1 x Citizen CLL020 (CLL020-1202A5-303H1A7) 515lm @ 250mA CCT=3000K P=9.3W I=250mA



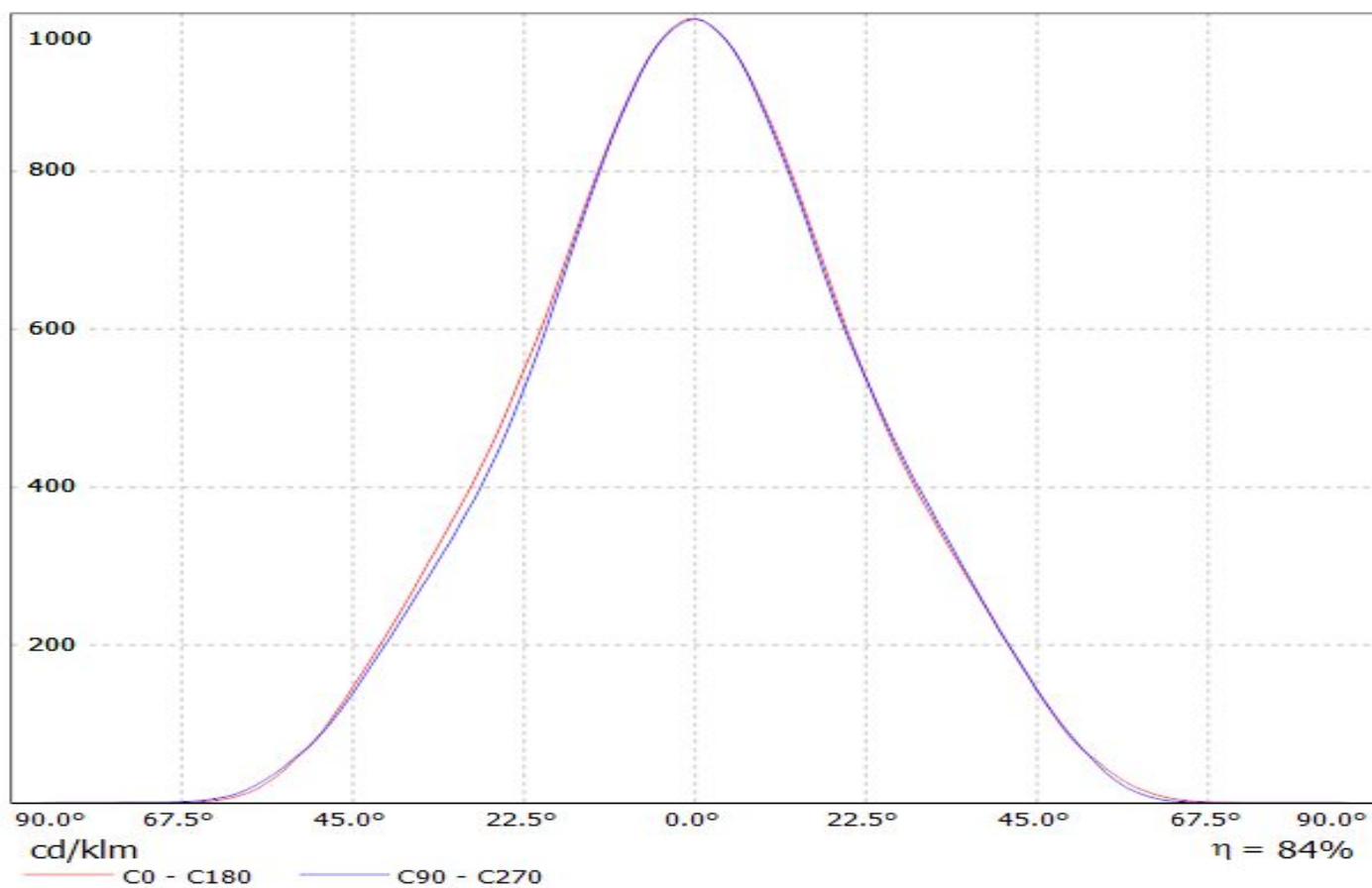
Luminaire: LEDiL Oy C13557\_BRIDGET-S-UNI\_(CXM-9)

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

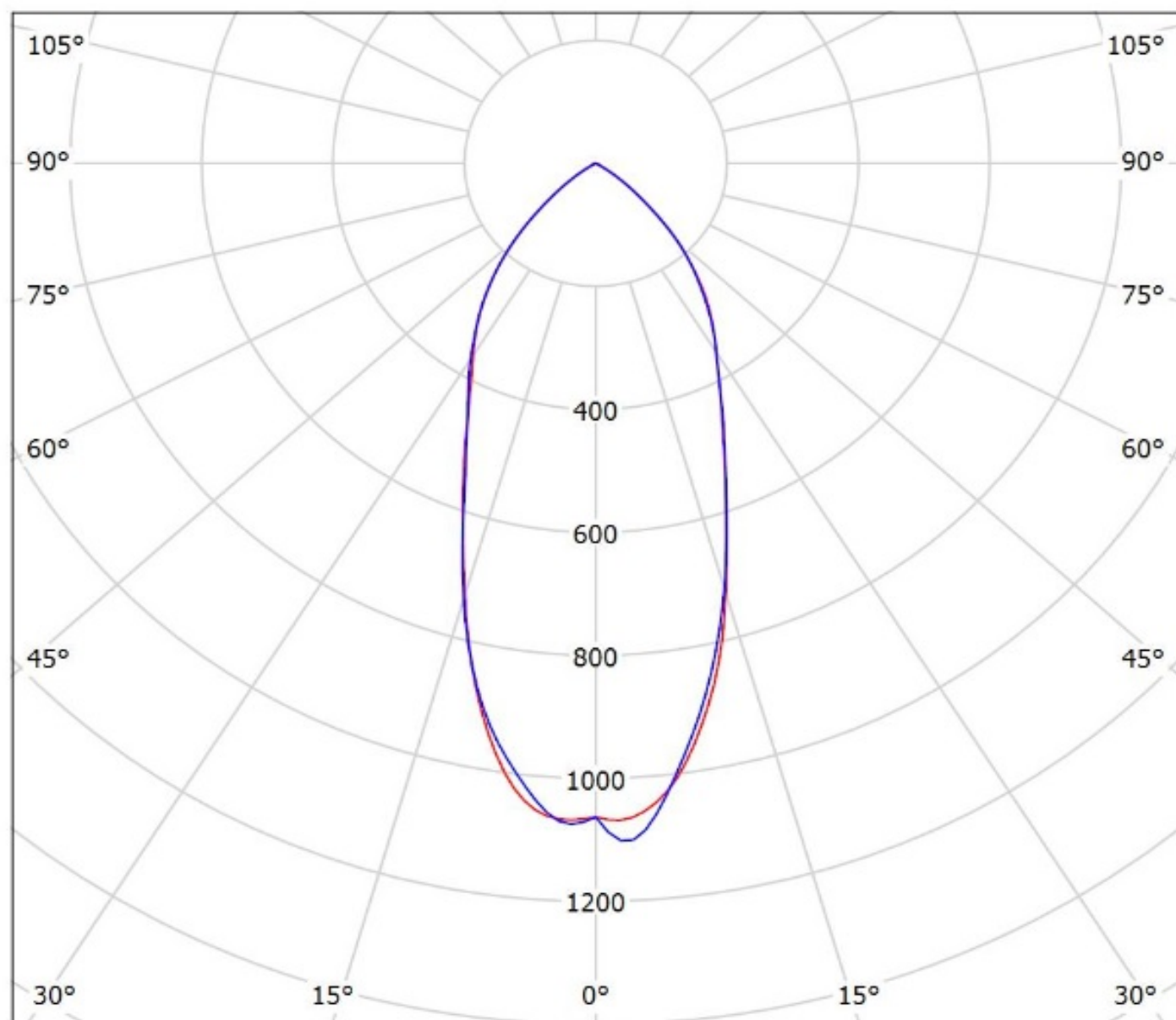


Luminaire: LEDiL Oy C13557\_BRIDGET-S-UNI\_(SLE-G5\_LES-11)

Lamps: 1 x Tridonic\_SLE-G5\_LES-11\_1166.25lm@250mA\_P=8.3218W\_I=0.250A



Luminaire: Ledil Oy C13557\_BRIDGET-S-UNI\_(Soleriq\_S9)\_SIMULATED  
Lamps: 1 x Osram Soleriq S9 (GW KAFJB3.EM)



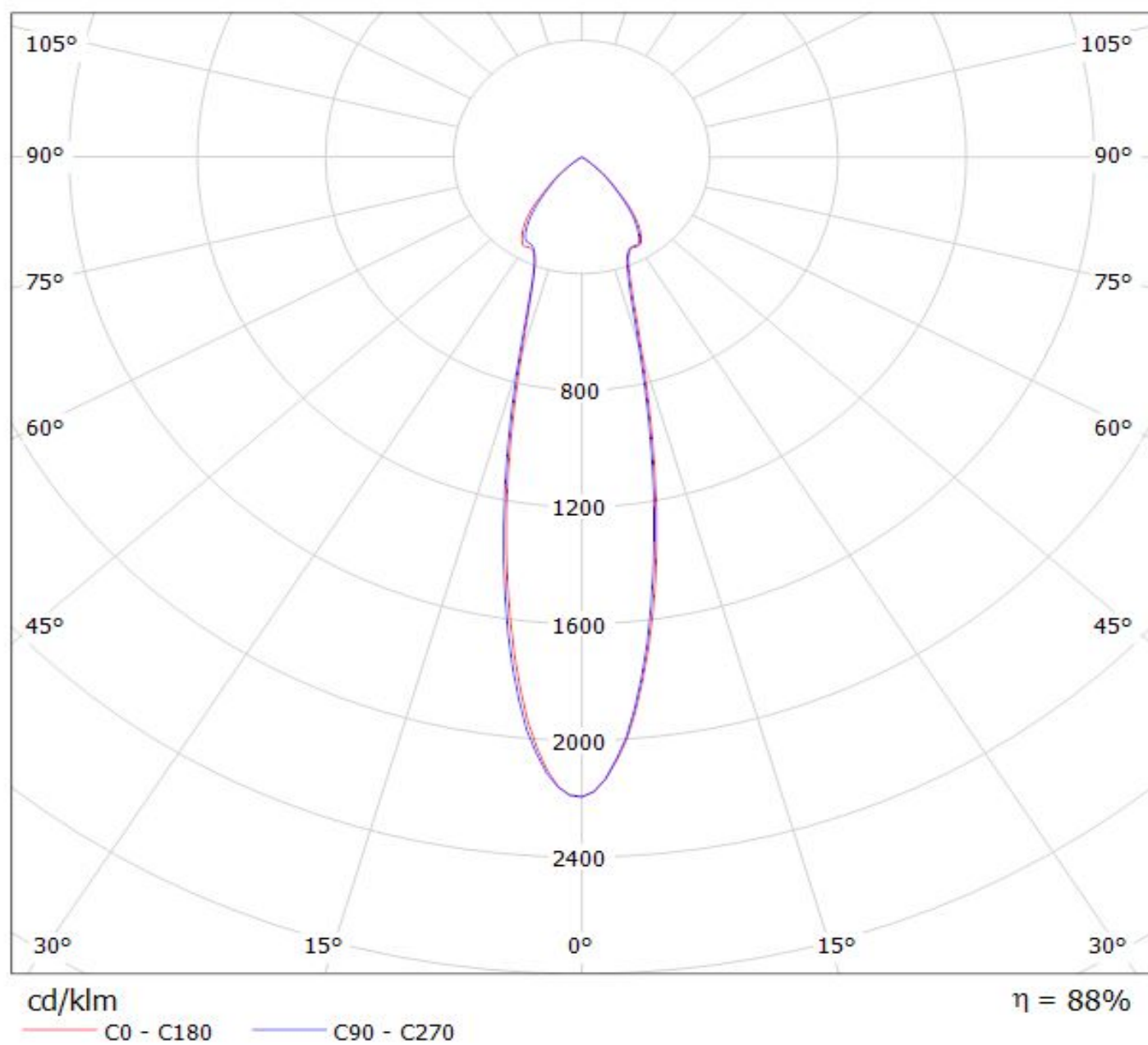
cd/klm

— C0 - C180 — C90 - C270

$\eta = 89\%$

Luminaire: LEDiL Oy C13557\_BRIDGET-S-UNI\_(SLE-G5\_LES-6)

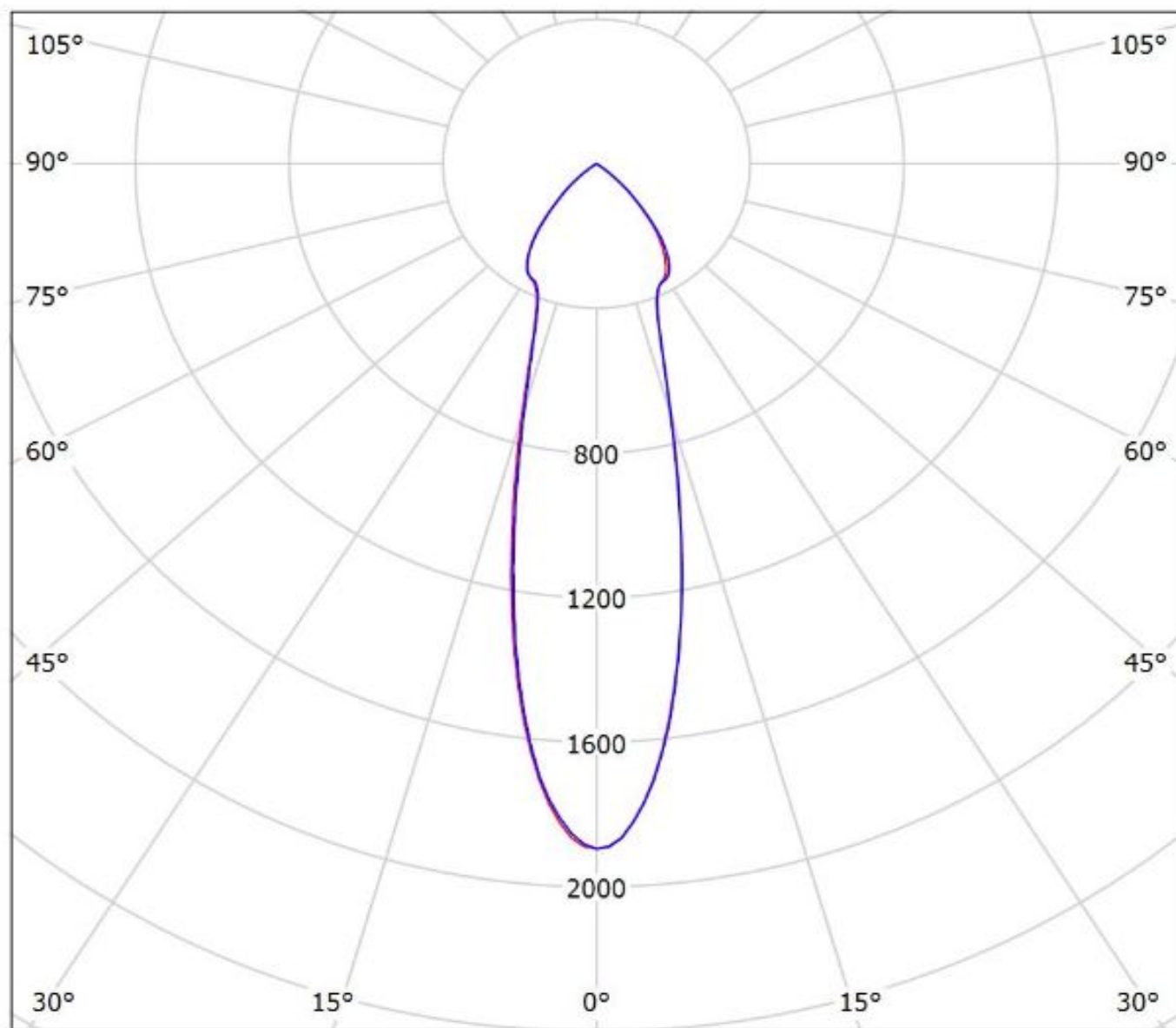
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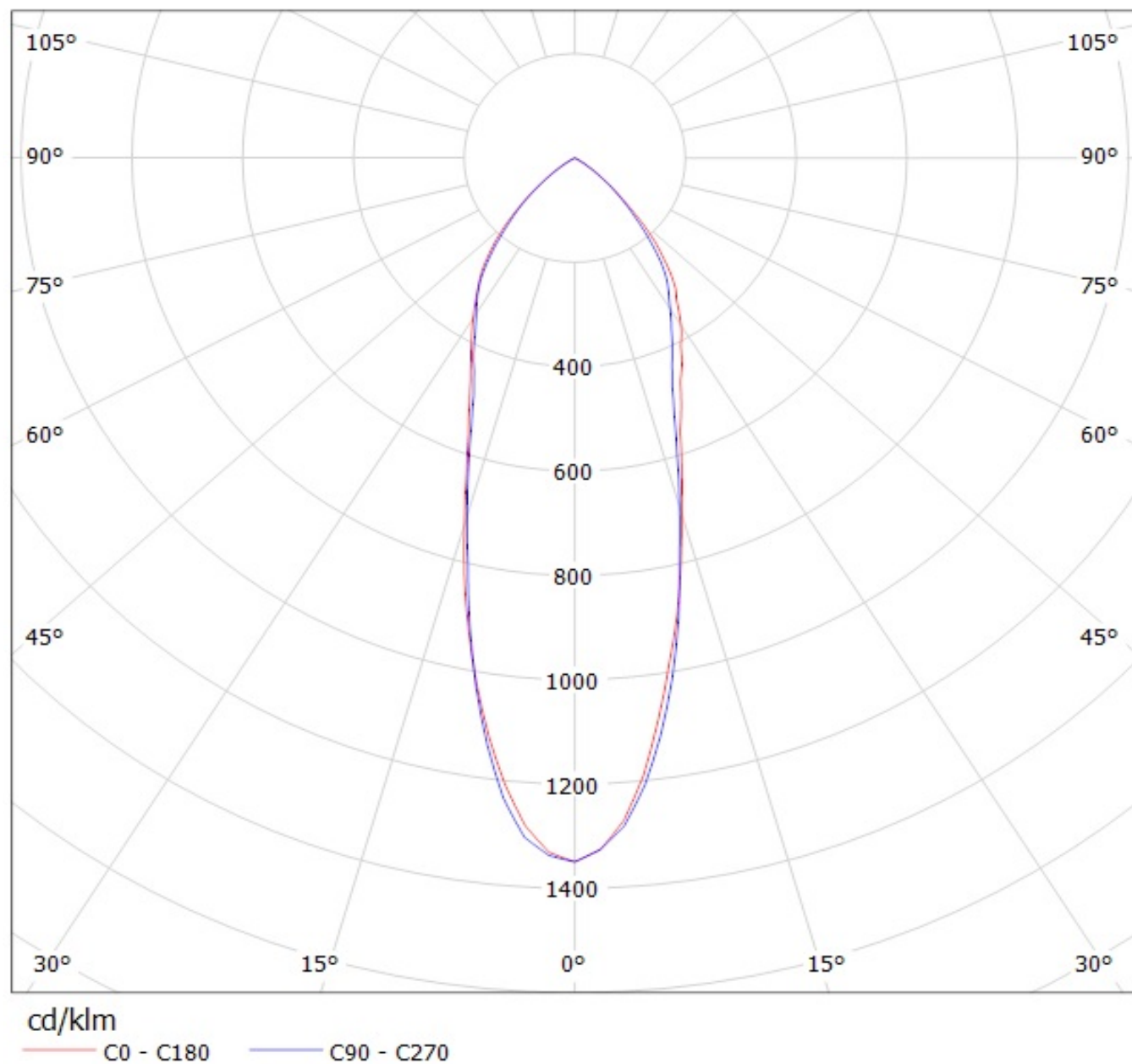
cd/klm

— C0 - C180

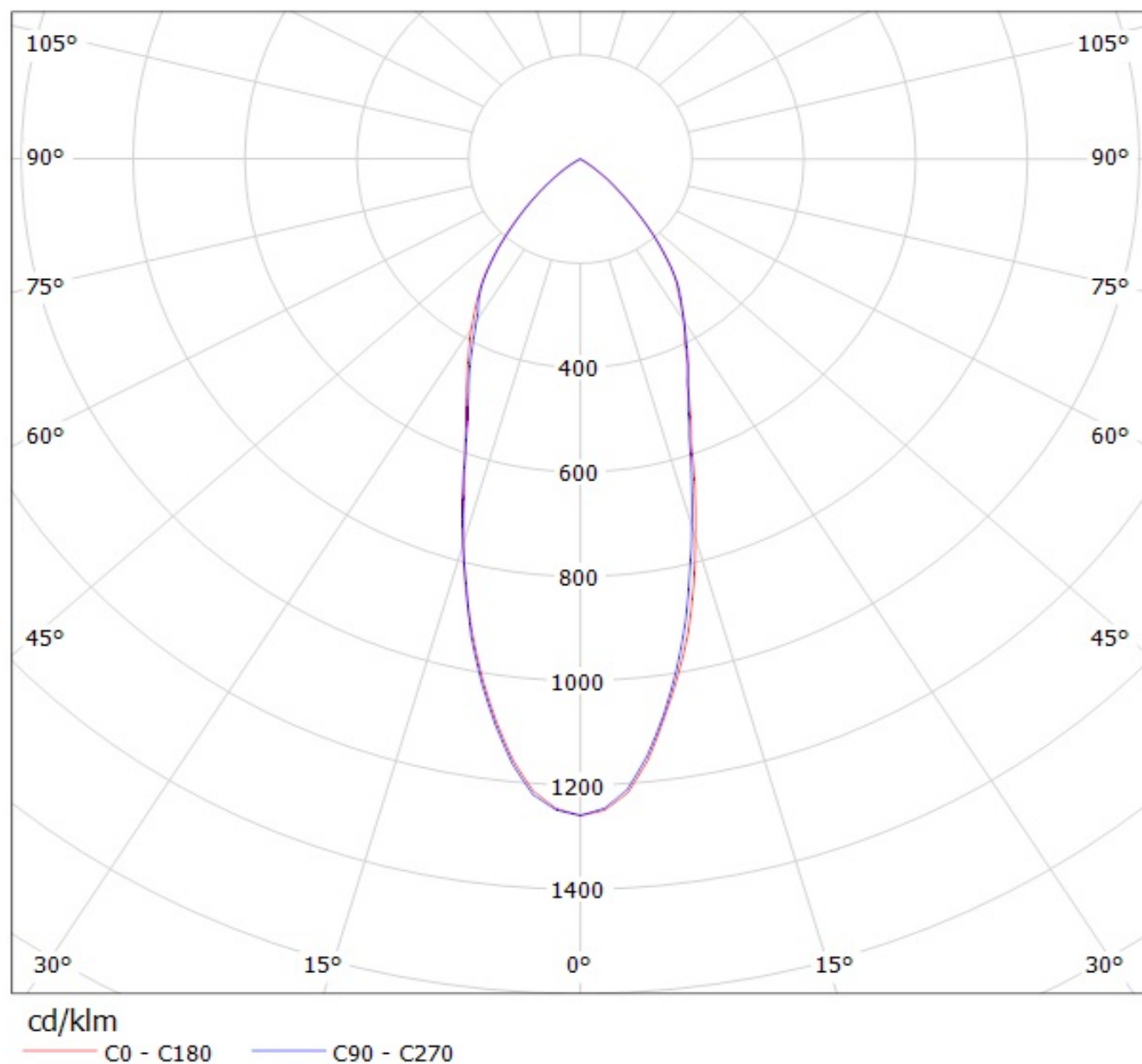
— C90 - C270

$\eta = 87\%$

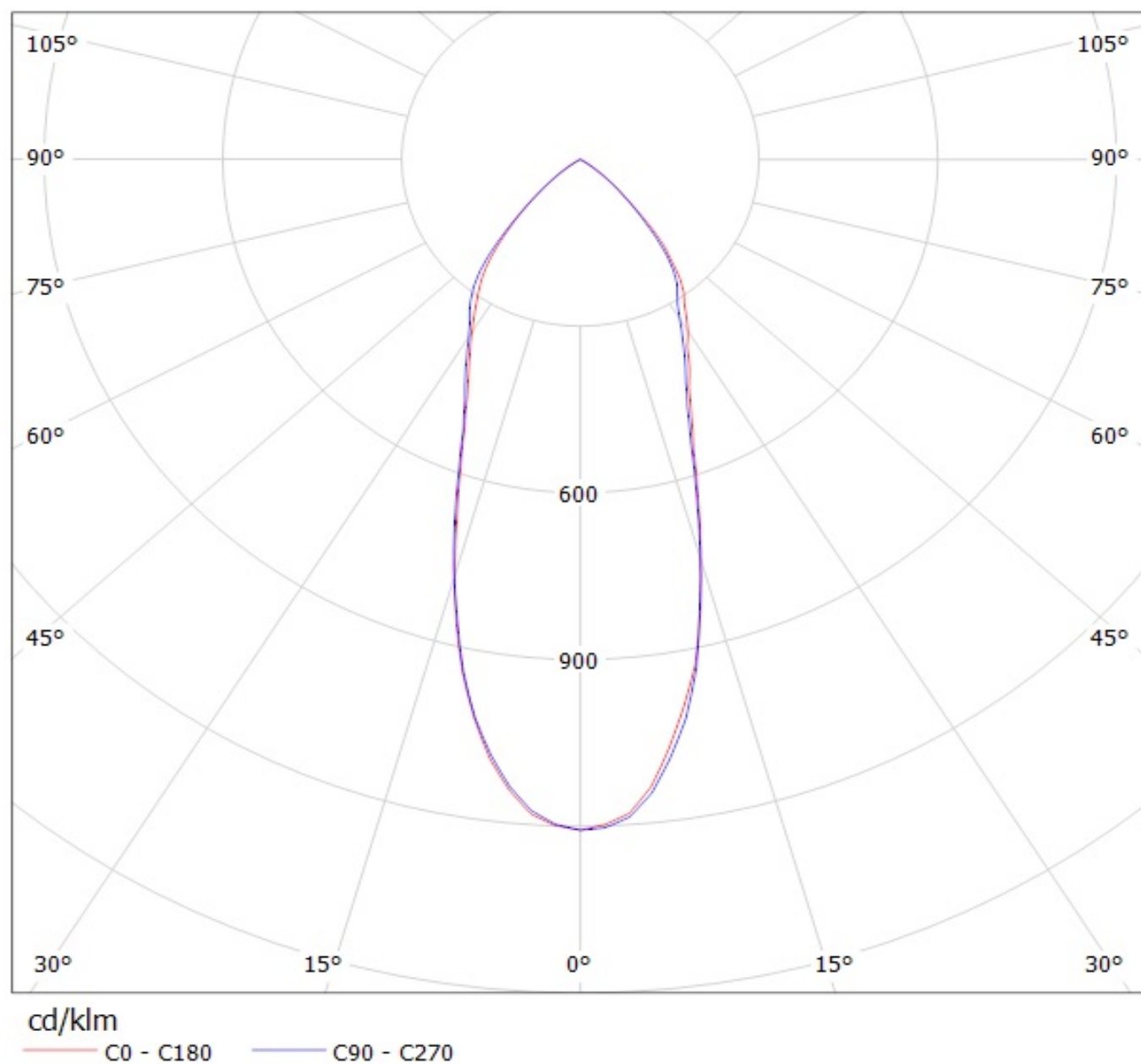
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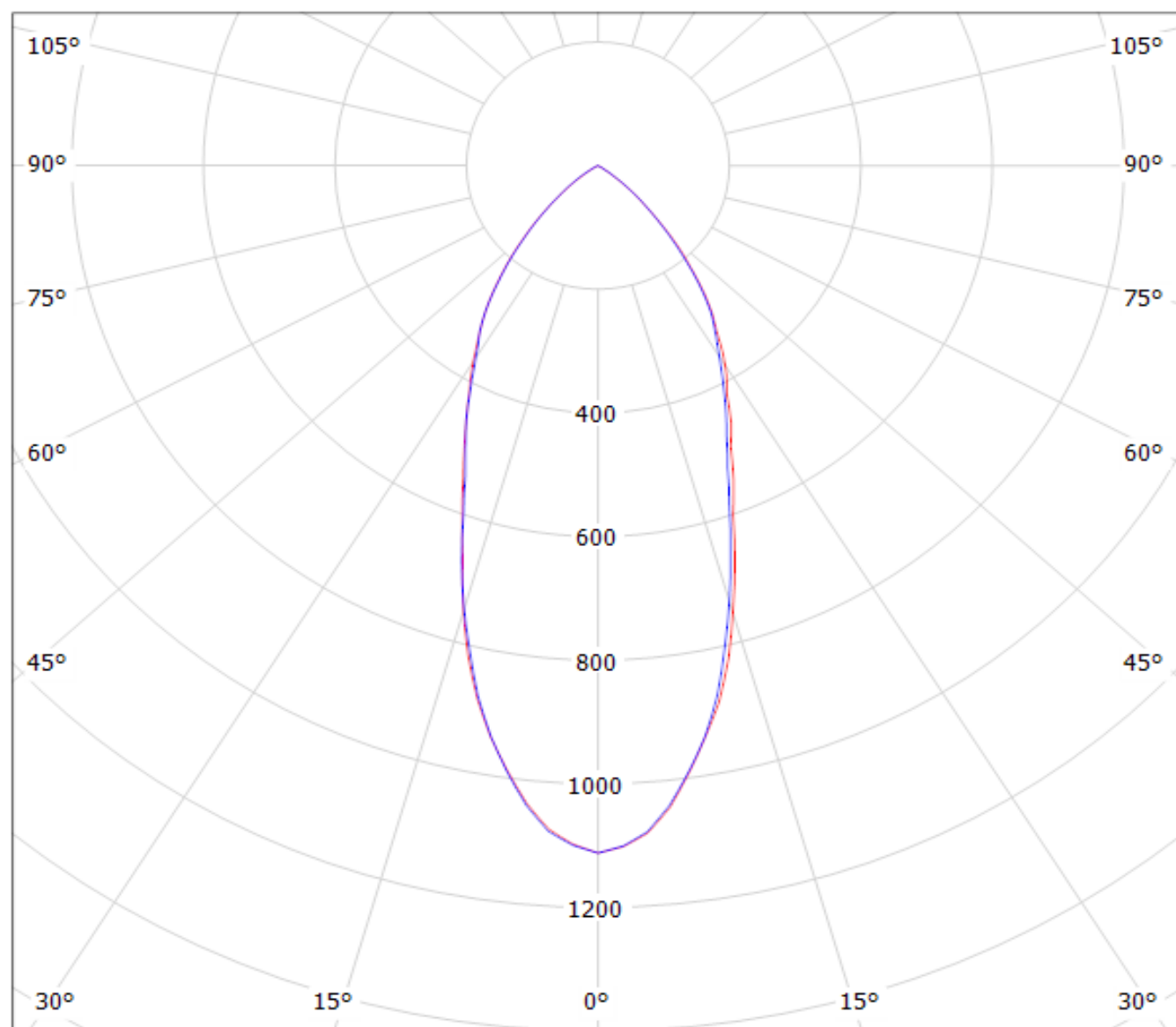


Luminaire: LEDil Oy C13557\_BRIDGET-S-UNI\_(Mini\_Zenigata\_GW5BJT) Efficiency=87%  
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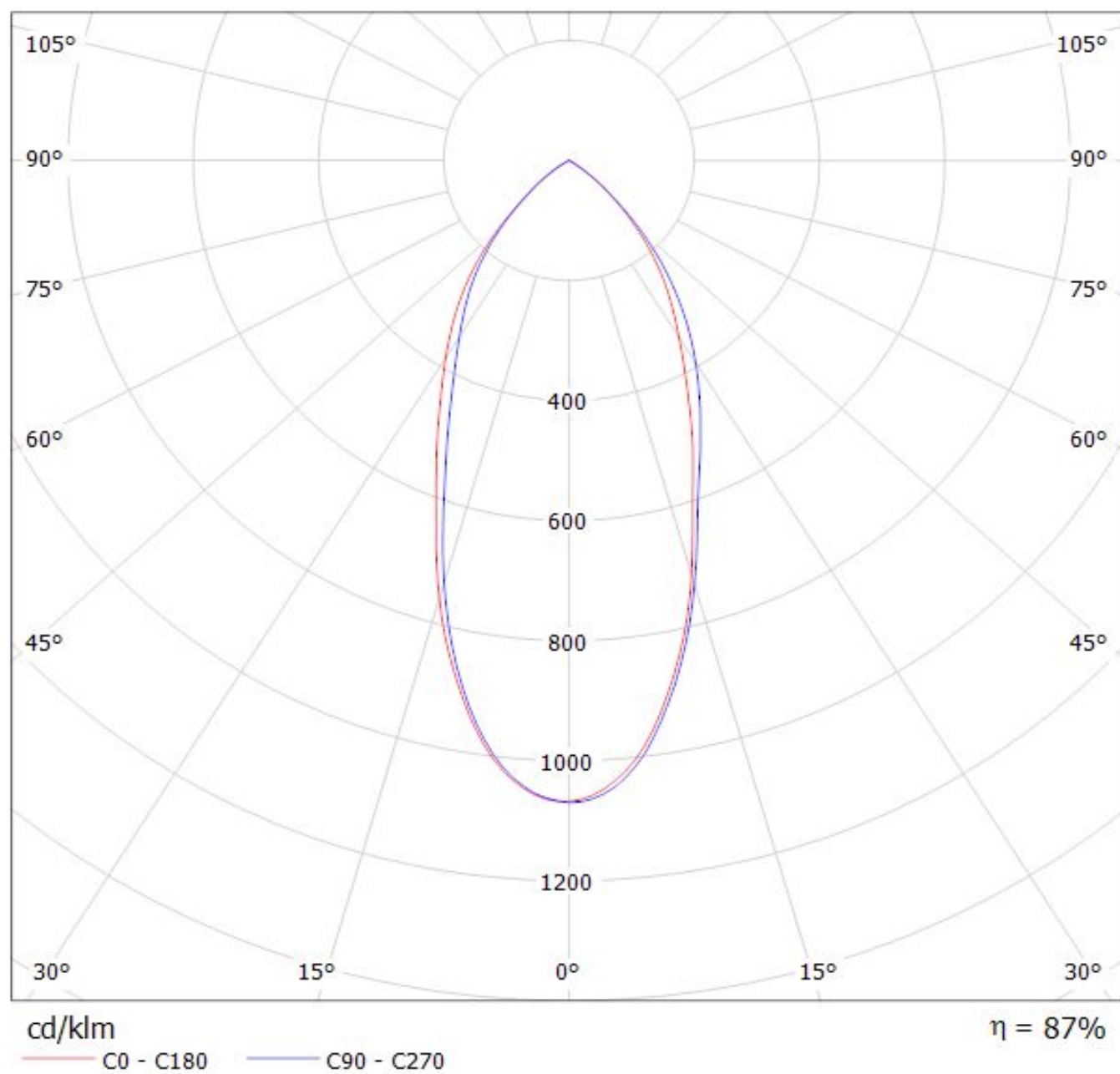
cd/klm

— C0 - C180

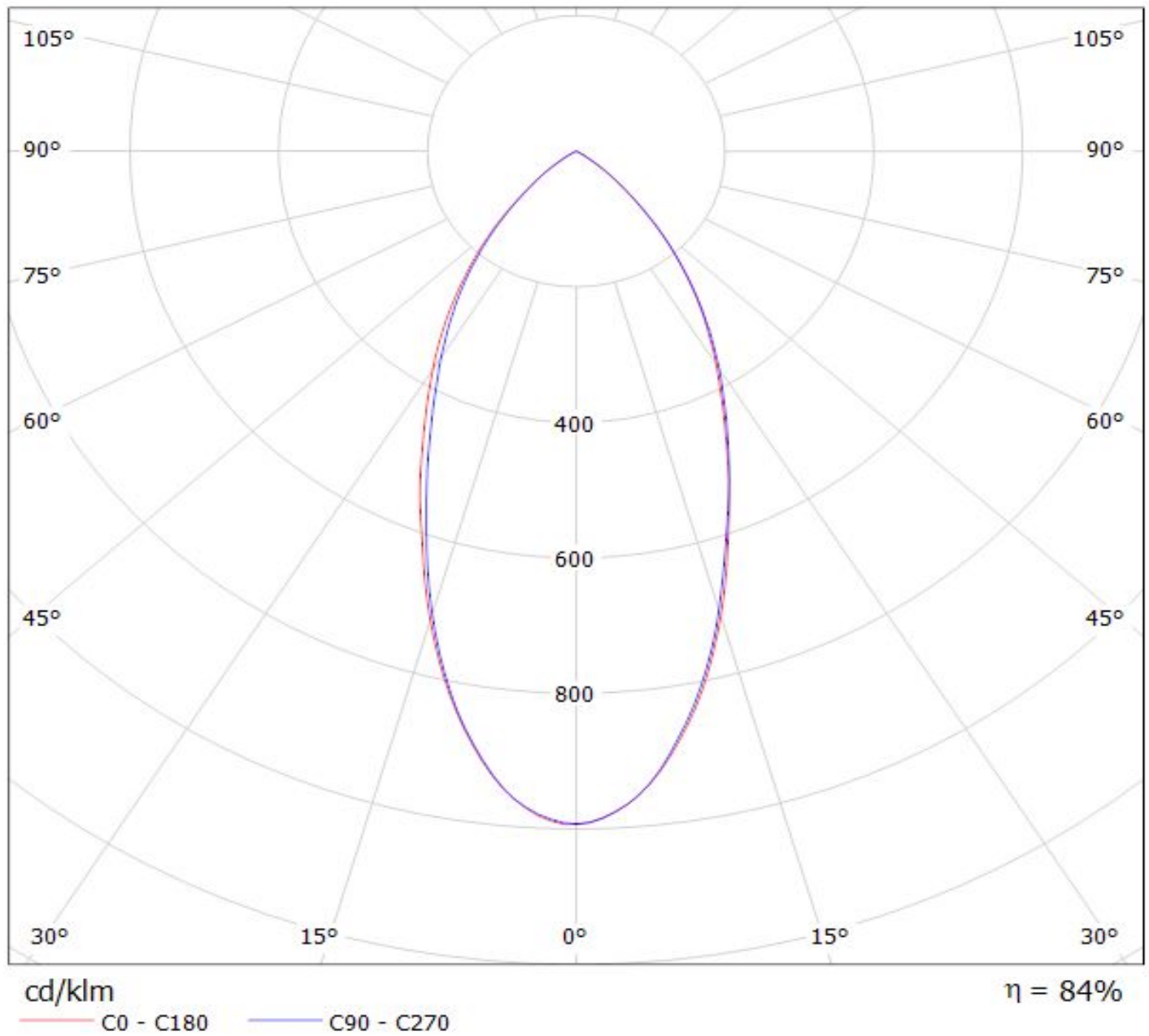
— C90 - C270

Luminaire: LEDiL Oy C13557\_BRIDGET-S-UNI\_(CXM-9)

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



Lamps: 1 x Tridonic\_SLE-G5\_LES-11\_1166.25lm@250mA\_P=8.3218W\_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.
- 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.**