

DETAILS

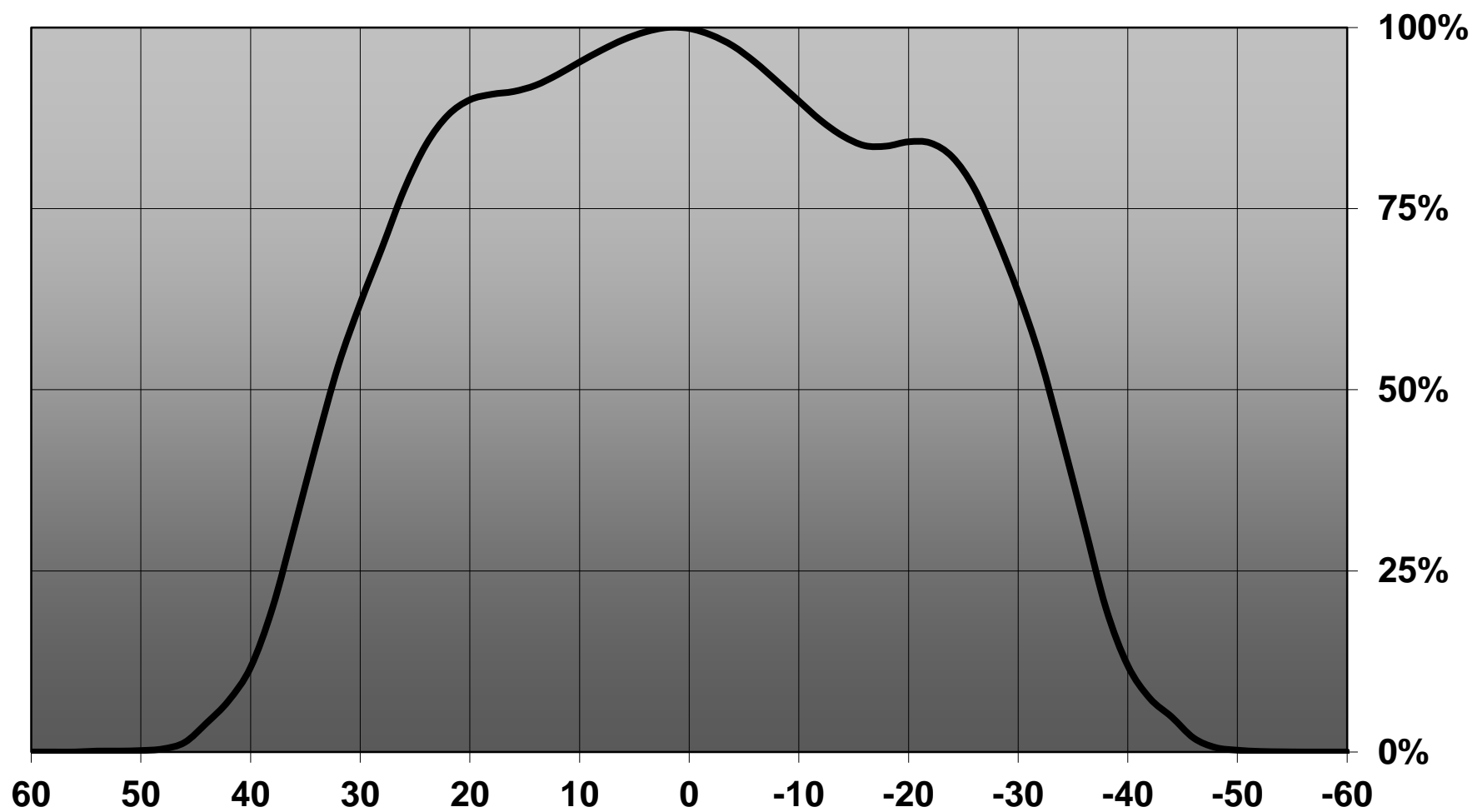
Product Number	C13032_BARBARA-WW
Family	Barbara
Type	Reflector
Color	metal
Diameter	70 mm
Height	44,7 mm
Style	round
Optic Material	PC
Holder Material	
Fastening	glue
Status	production ready
ROHS Compliant	Yes
Date Updated	27/01/2015

OPTICAL PROPERTIES

LED	Viewing	Light	Effi-	cd/lm	Connector
	Angle	Beam	ciency		
STARK SLE PURE G3 LES17	sim: 66	Very Wide	-	sim: 0.870	-
CL-L330	55 deg	Very Wide	88 %	1.200	-
CXA2011	60 deg	Very Wide	90 %	1.000	-
BXRA ES Rectangle	60 deg	Very Wide	89 %	1.000	-
COB 10W/13W/17W/24W	65 deg	Very Wide	-	0.900	-
CLU720	66 deg	Very Wide	81 %	0.870	-
SLE G5 LES15	67 deg	Very Wide	80 %	0.840	-
CXM-14	68 deg	Very Wide	80 %	0.820	-
CLL03x/CLU03x	70 deg	Very Wide	88 %	0.800	-



Relative intensity of C13032_BARBARA-WW (COB-10W)



D

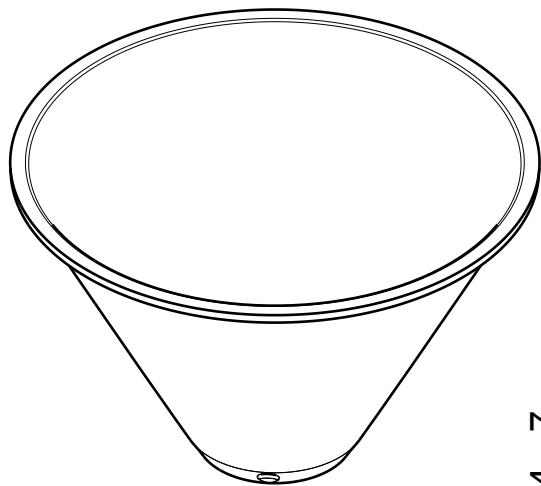
C

B

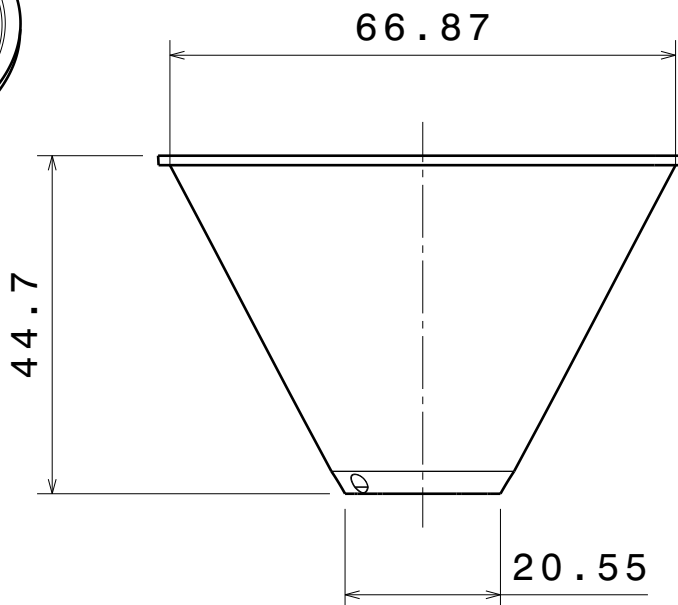
A

4

4



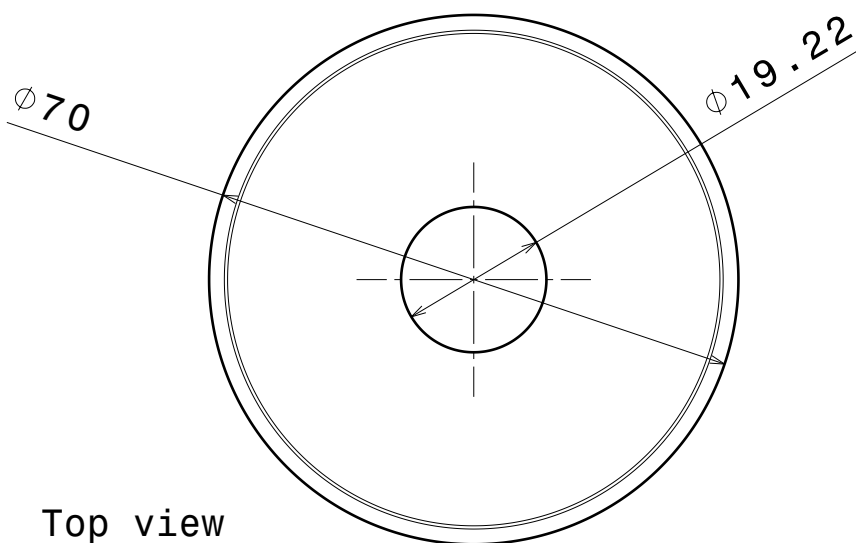
Isometric view



Front view

3

3



Top view

2

2

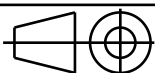
INDEX	DESCRIPTION	MATERIAL	COLOUR
1	Barbara reflector	PC	metal

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

Barbara series 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

1:1

WEIGHT

-

SHEET

1/1

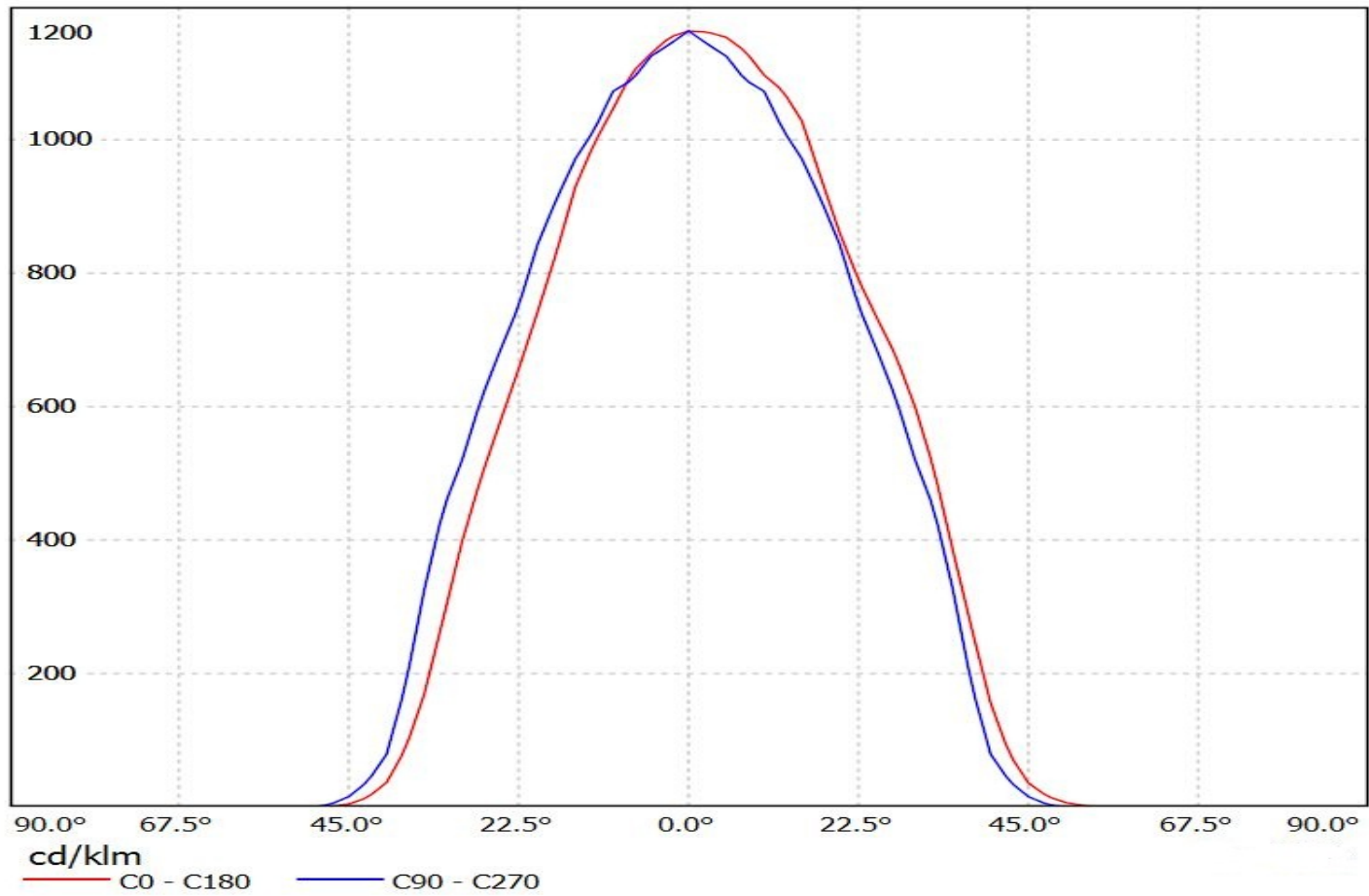
D

A

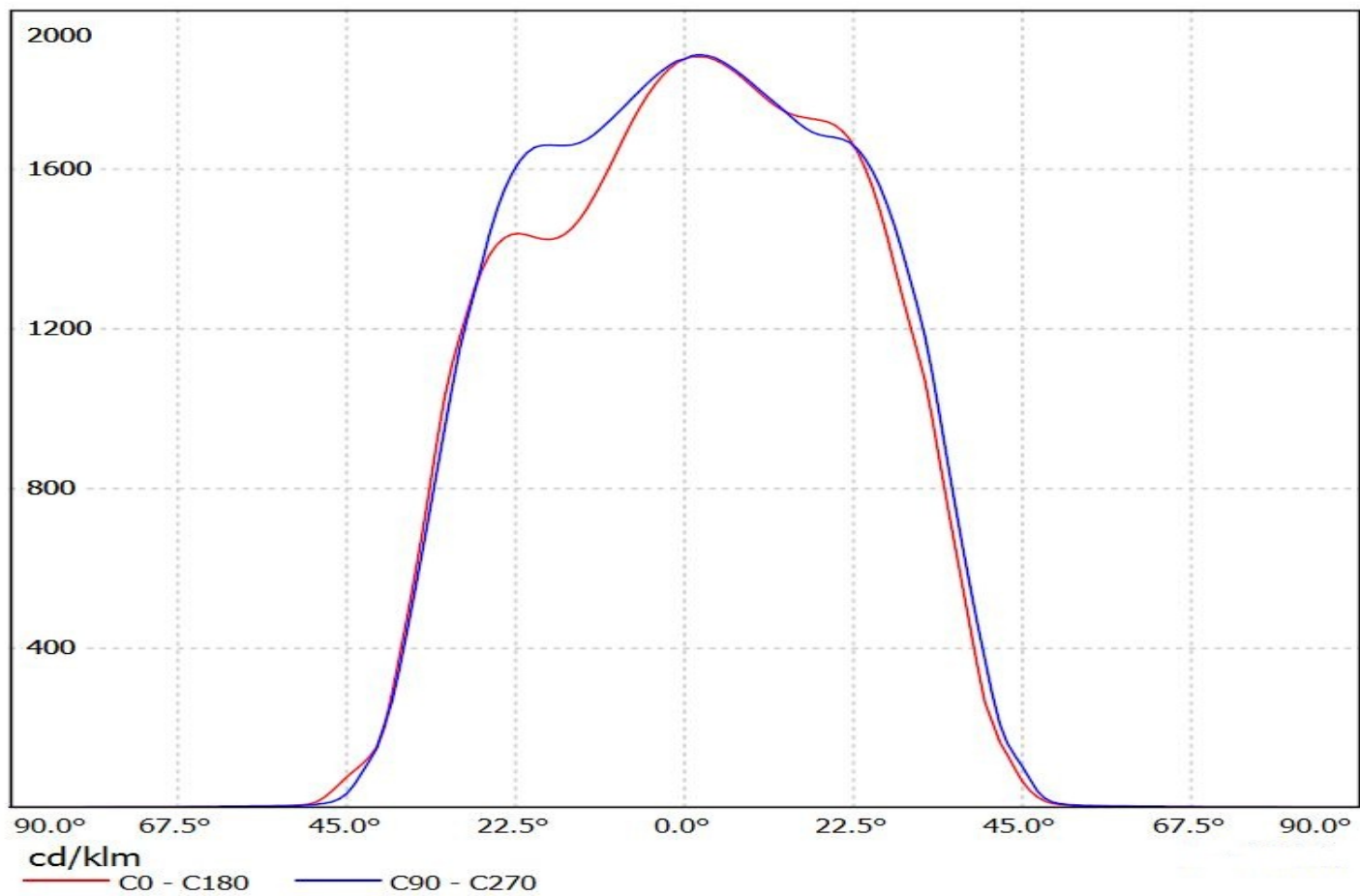
1

1

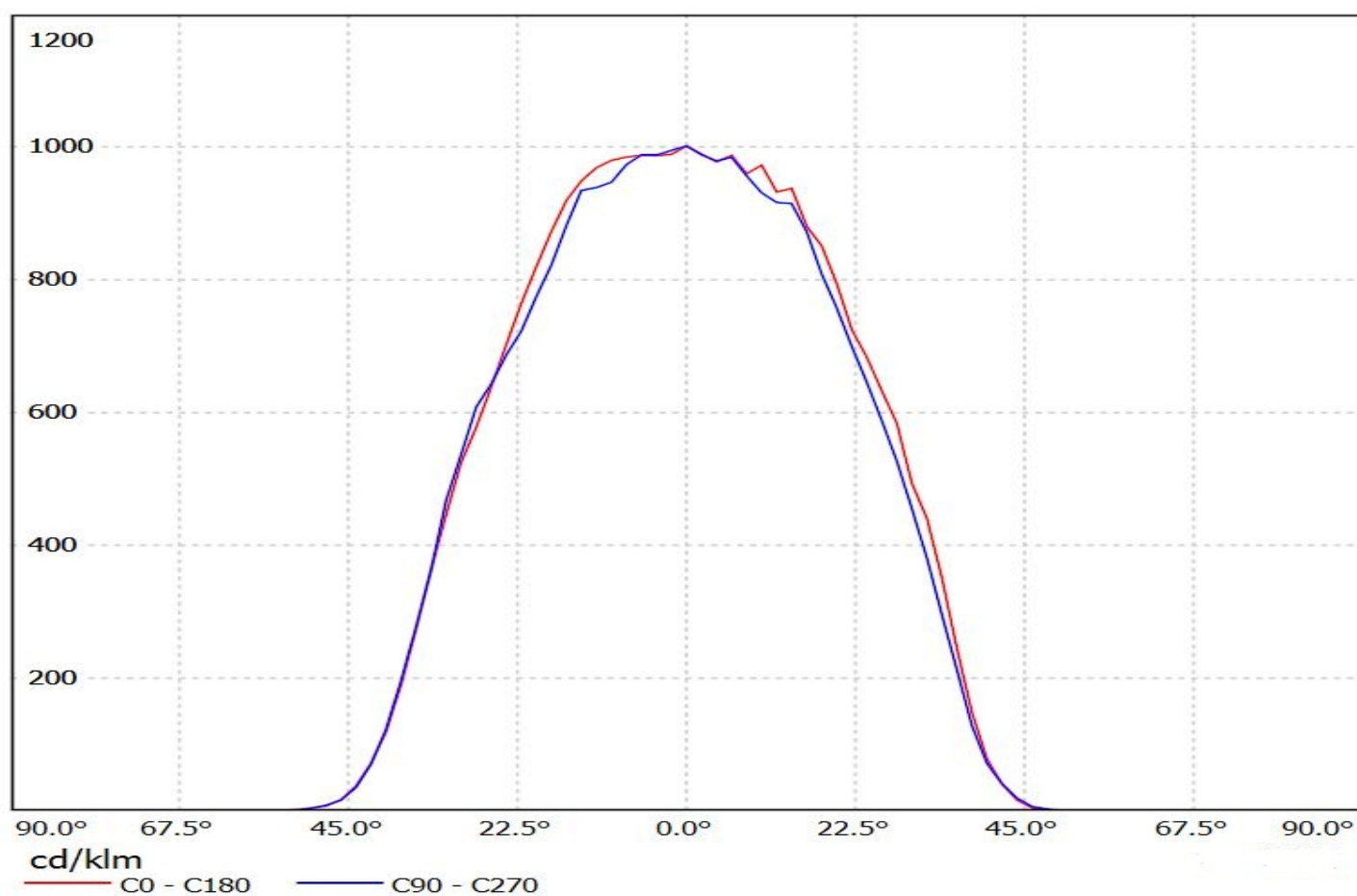
Luminaire: Ledil Oy C13032-Barbara-WW (Citizen CL-L330) Efficiency=88%
Lamps: 1 x Citizen CL-L330 700lm @ 250mA



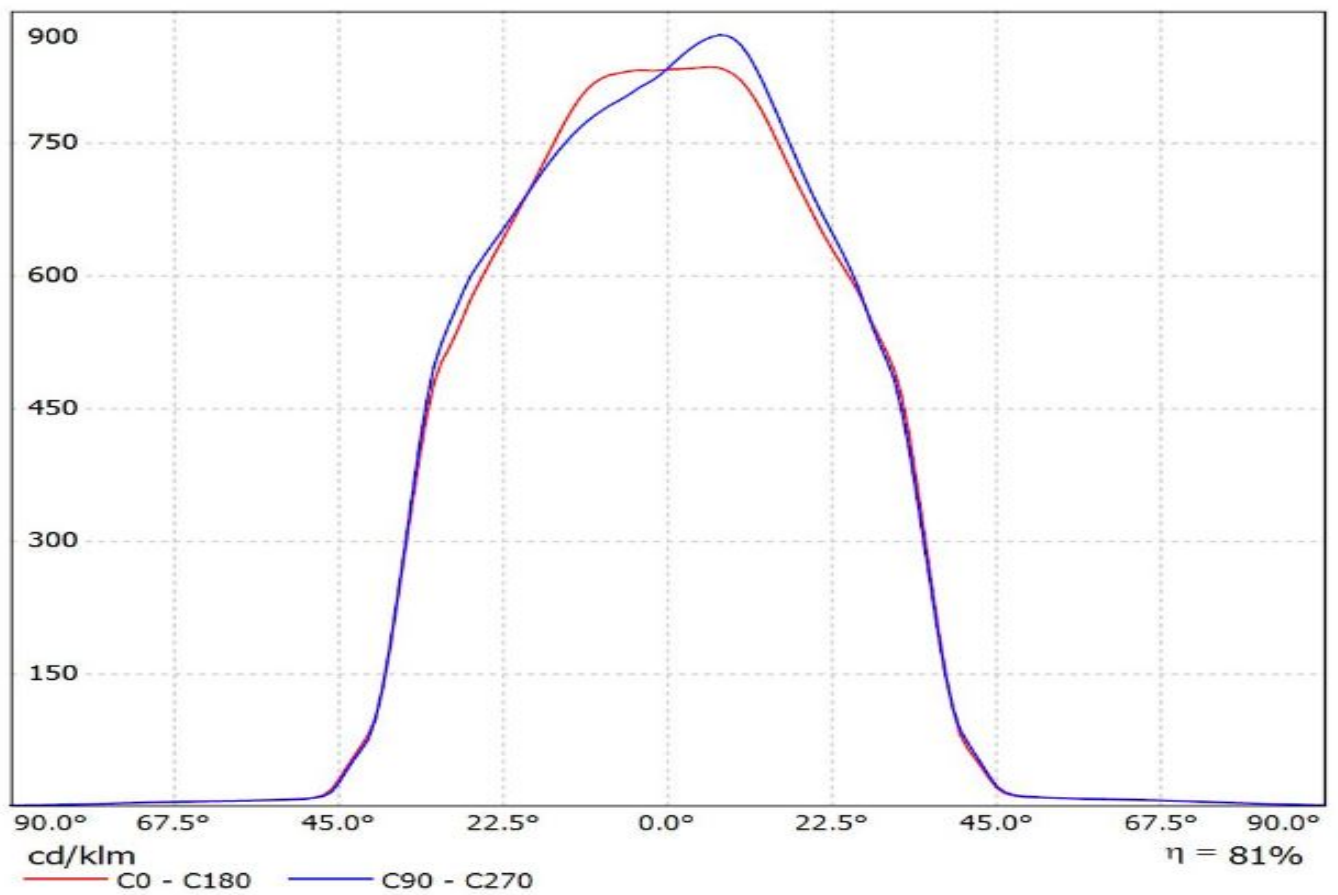
Luminaire: LEDIL OY C13032_BARBARA-WW+CXA20
Lamps: 1 x CXA20



Luminaire: Ledil Oy C13032-Barbara-WW (Bridgelux BXRA-NO802) Efficiency=89%
Lamps: 1 x Bridgelux BXRA-NO802 237lm @ 250mA

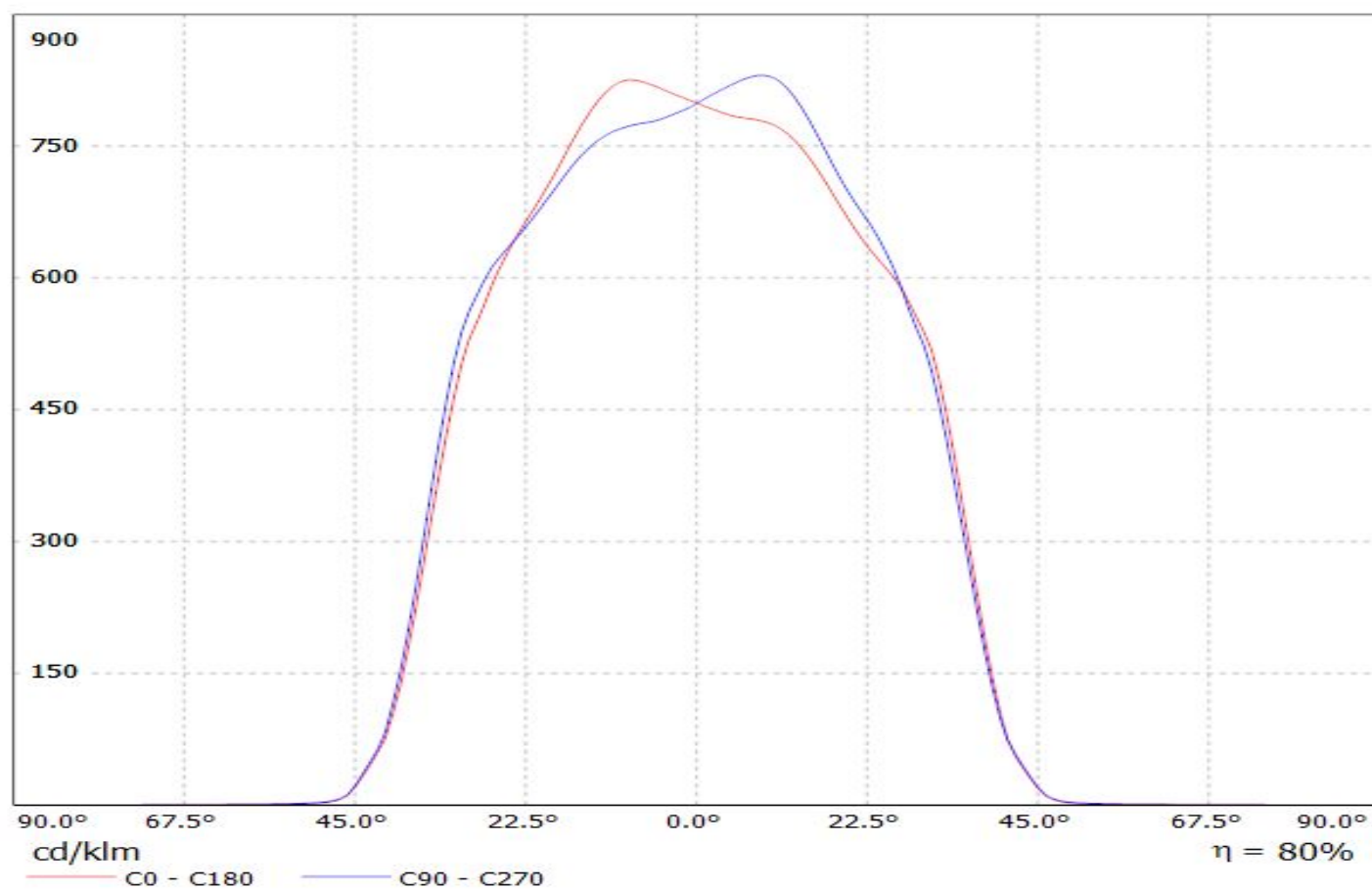


Luminaire: Ledil C13032_BARBARA-WW_(CLU720)
Lamps: 1 x CITIZEN_CLU720_(CLU720-1206B8-273M2)
_1298.17lm@250mA_CCT=2700K_P=8.3W_I=0.25A



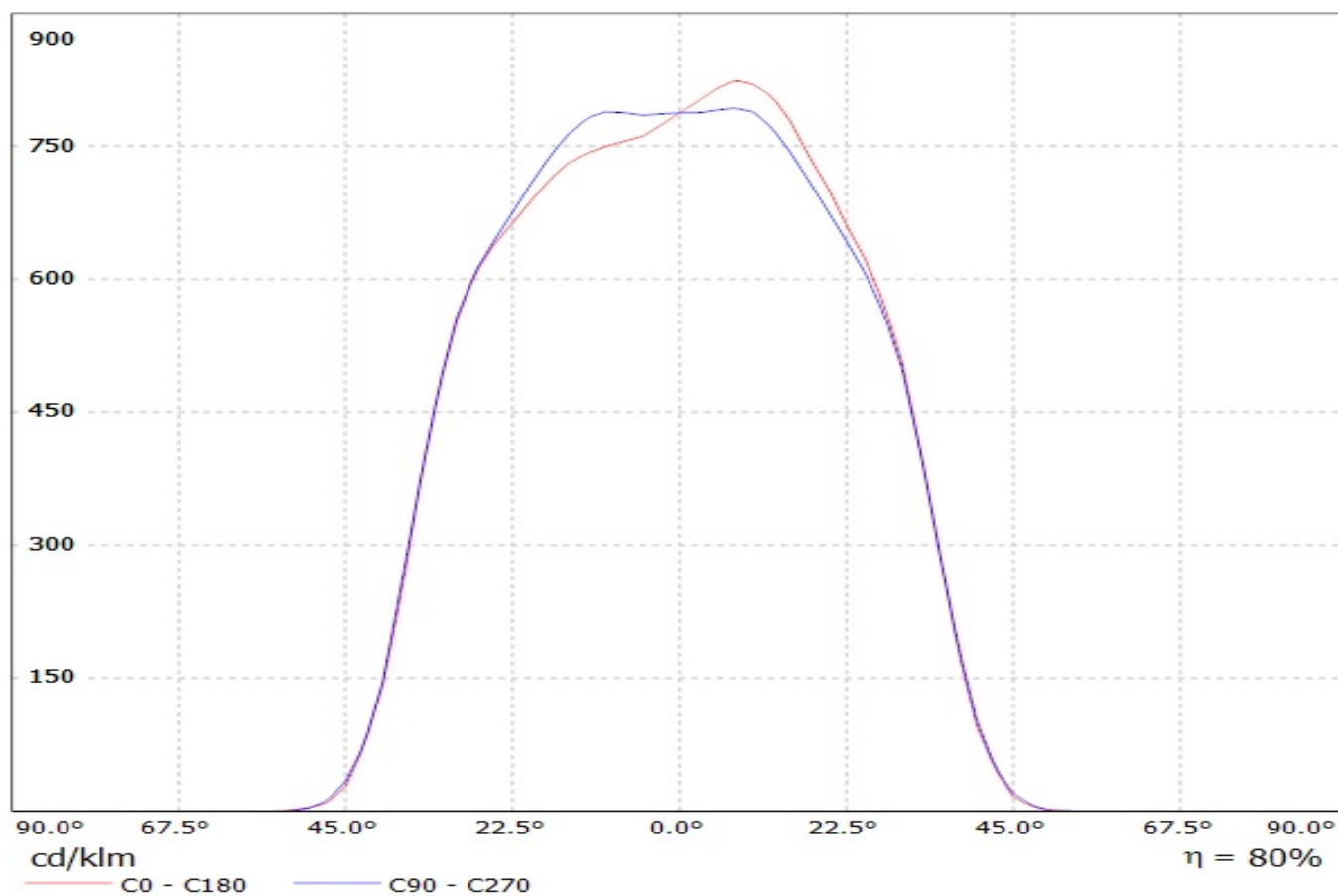
Luminaire: LEDiL Oy C13032_BARBARA-WW_(SLE-G5_LES-15)

Lamps: 1 x Tridonic_SLE-G5_LES-15_1280.24lm@250mA_P=8.6273W_I=0.250A

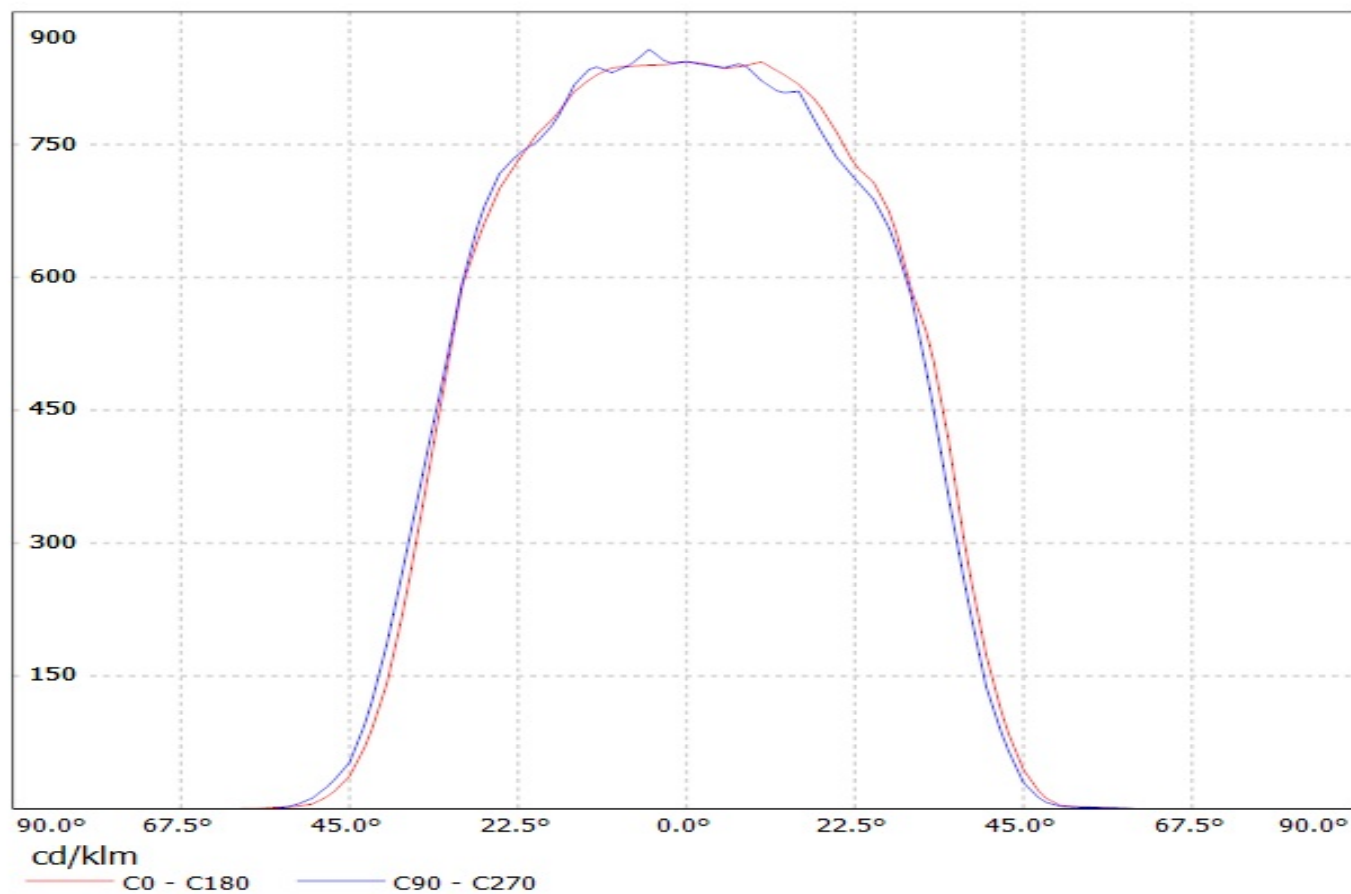


Luminaire: LEDil Oy C13032_BARBARA-WW_(CXM-14)

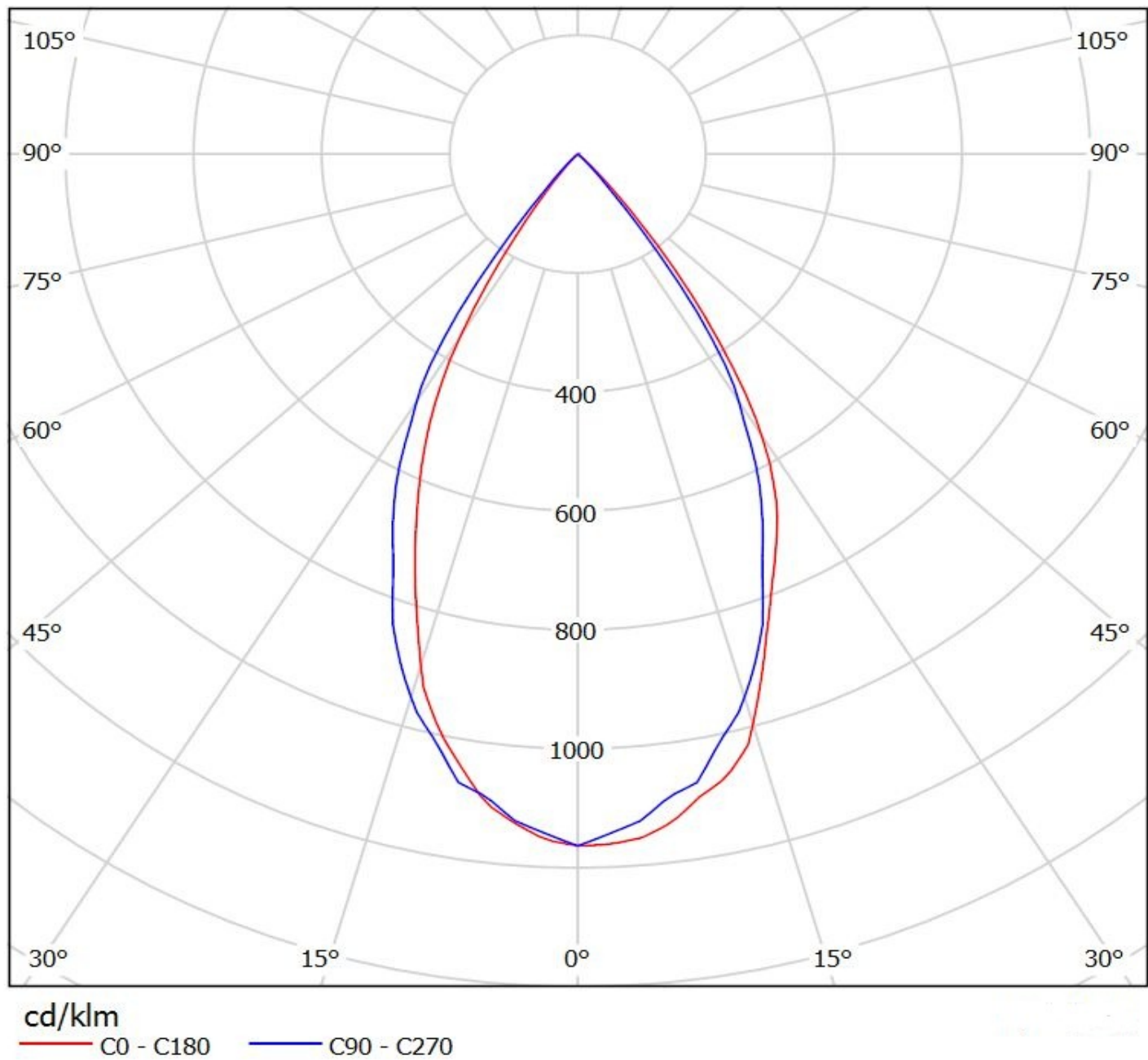
Lamps: 1 x Luminus CXM-14 (1058.75lm @ 250mA) CCT=3100K P=8.4W I=250mA



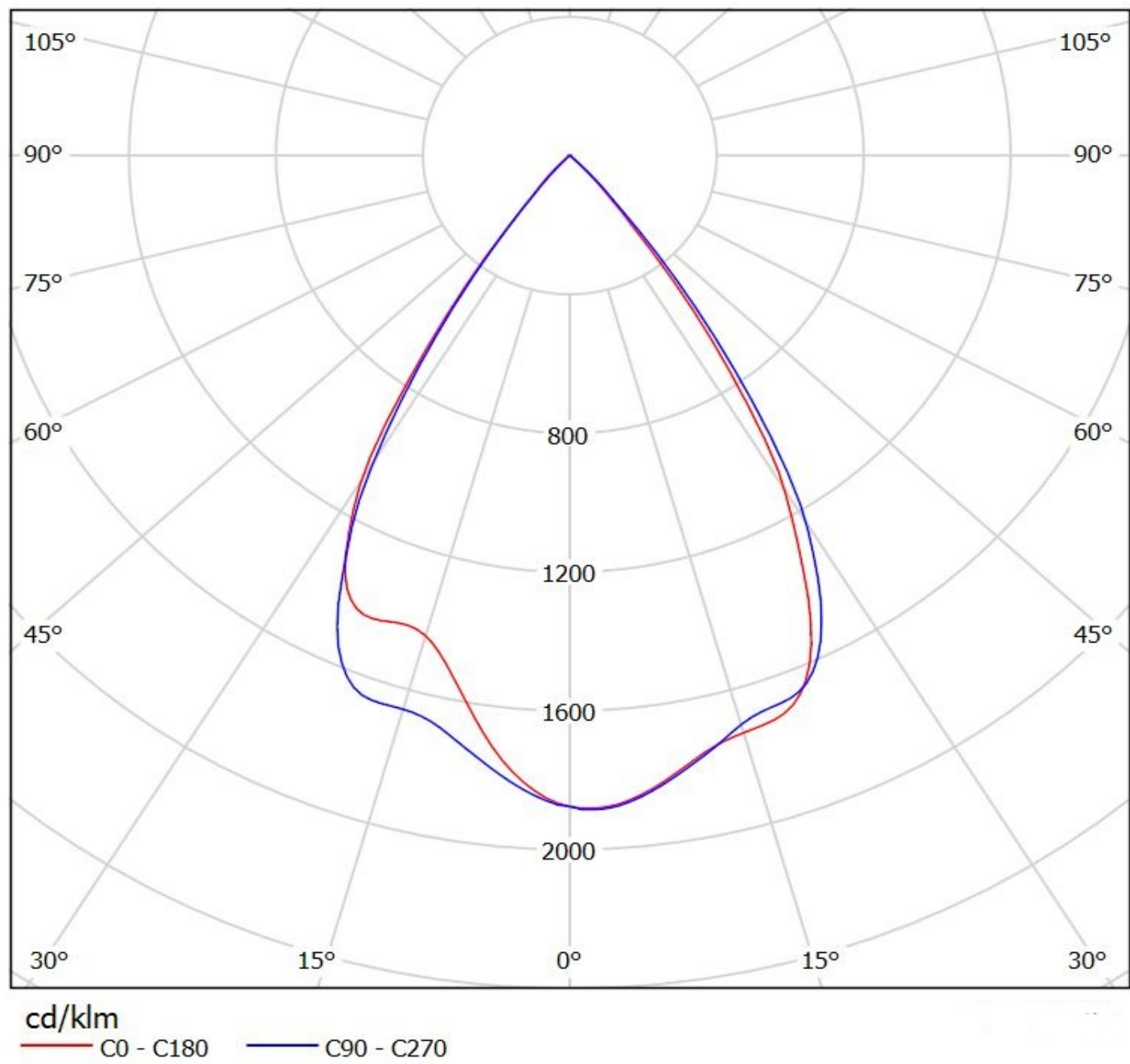
Luminaire: Ledil Oy C13032_BARBARA-WW (Citizen CLL030 776lm @ 250mA) Efficiency=88%
Lamps: 1 x Citizen CLL030 776lm @ 250mA



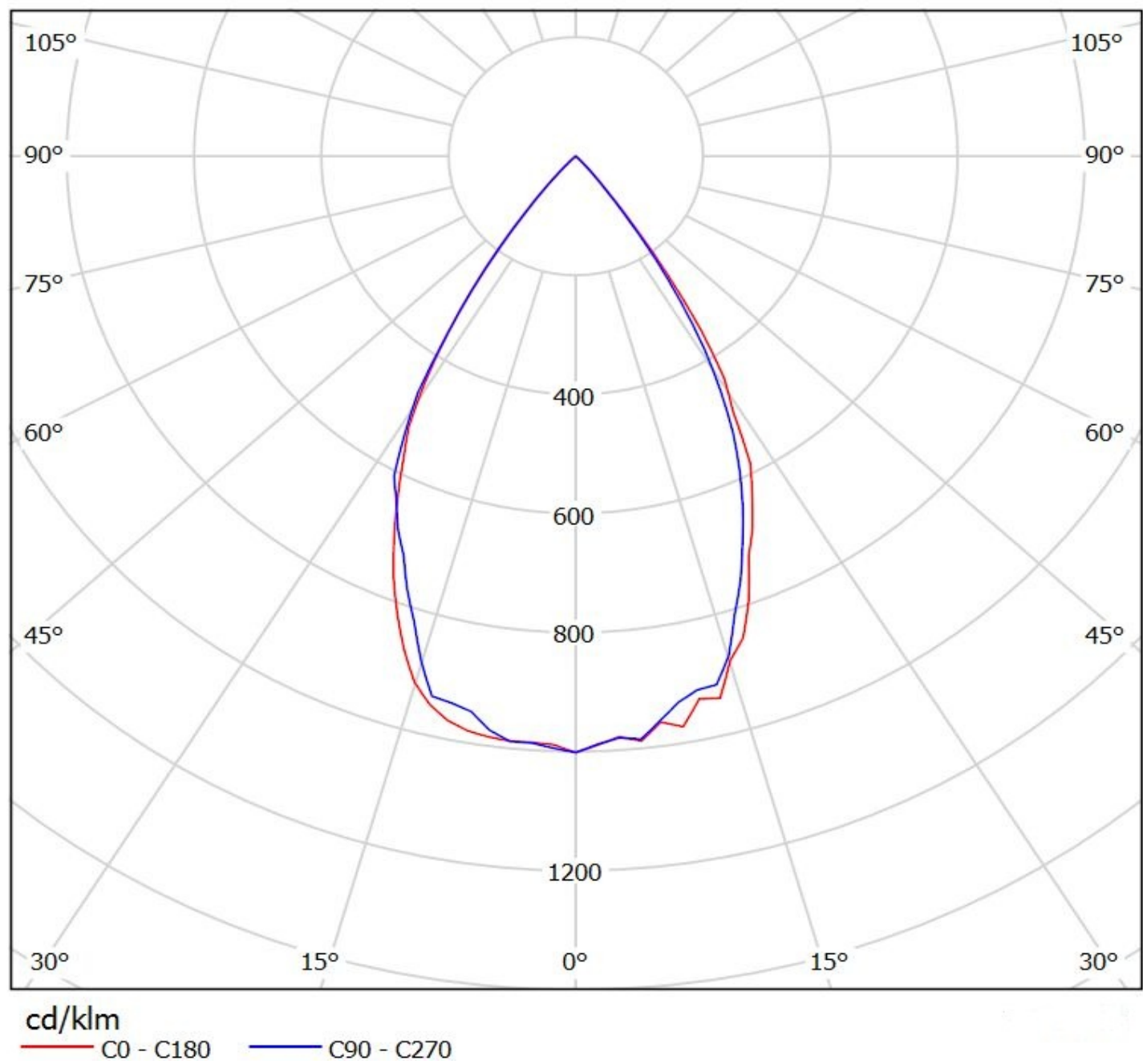
Luminaire: Ledil Oy C13032-Barbara-WW (Citizen CL-L330) Efficiency=88%
Lamps: 1 x Citizen CL-L330 700lm @ 250mA



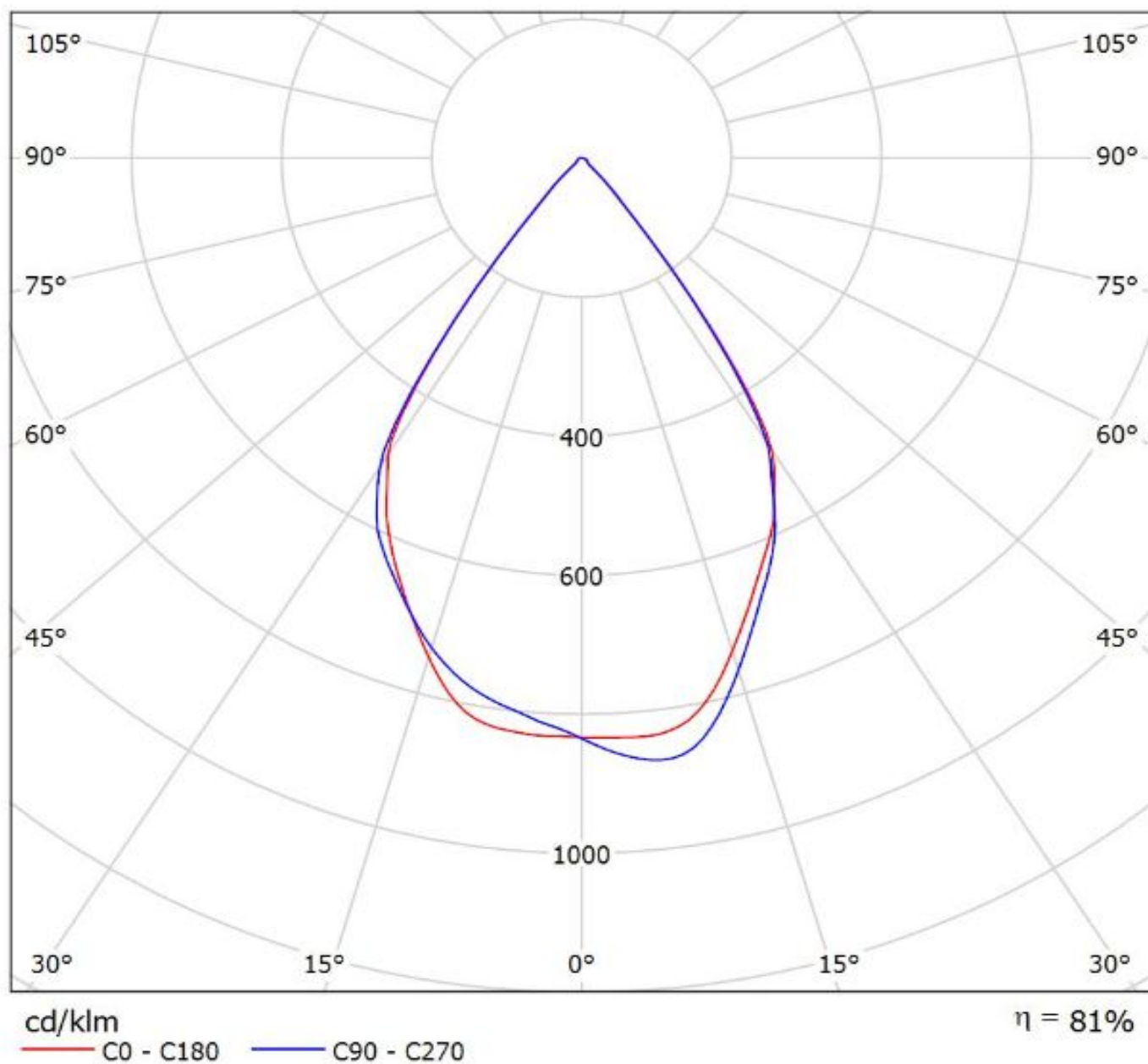
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Lamps: 1 x Bridgelux BXRA-NO802 237lm @ 250mA

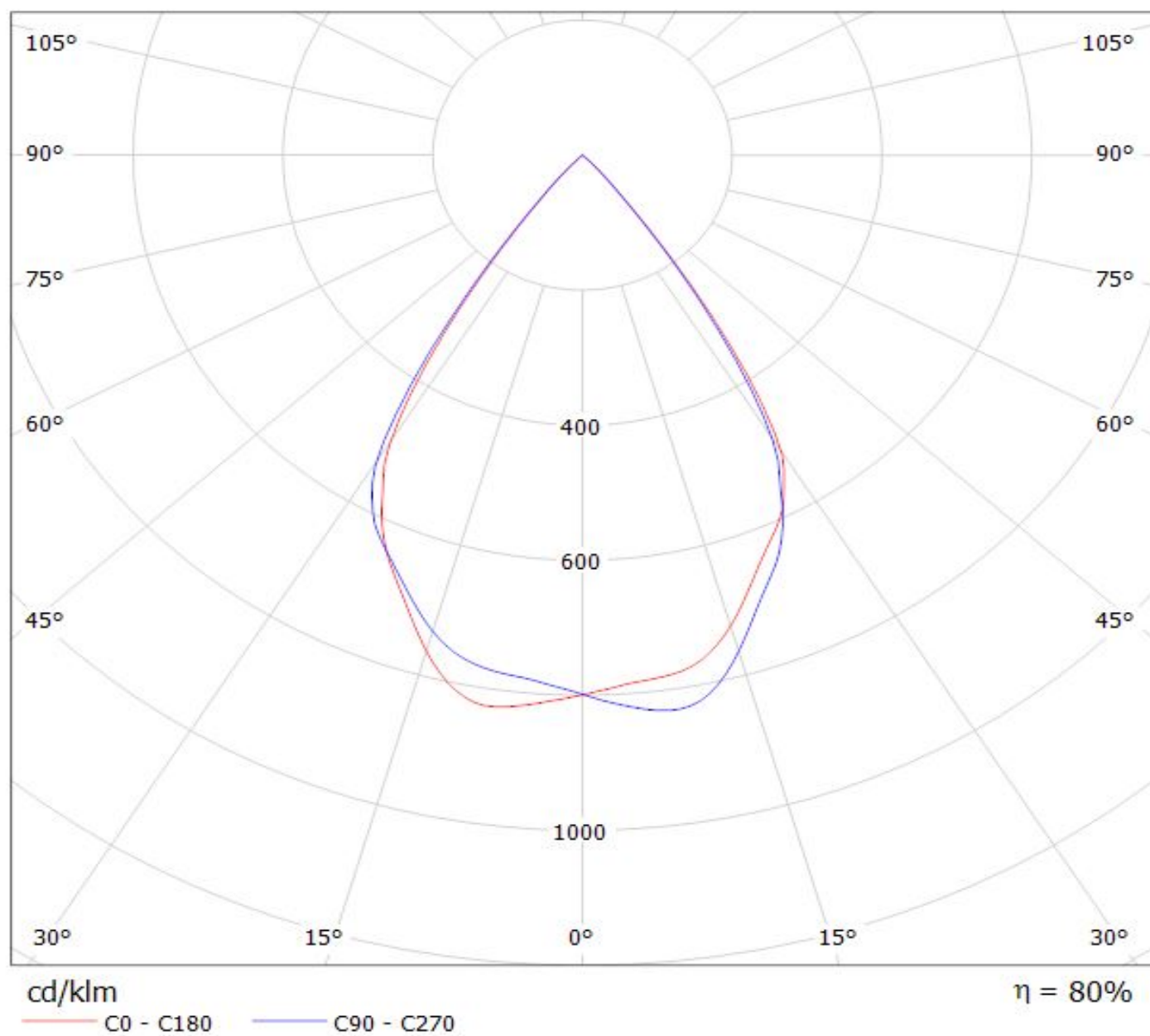


Luminaire: Ledil C13032_BARBARA-WW_(CLU720)
Lamps: 1 x CITIZEN_CLU720_(CLU720-1206B8-273M2)
_1298.17lm@250mA_CCT=2700K_P=8.3W_I=0.25A

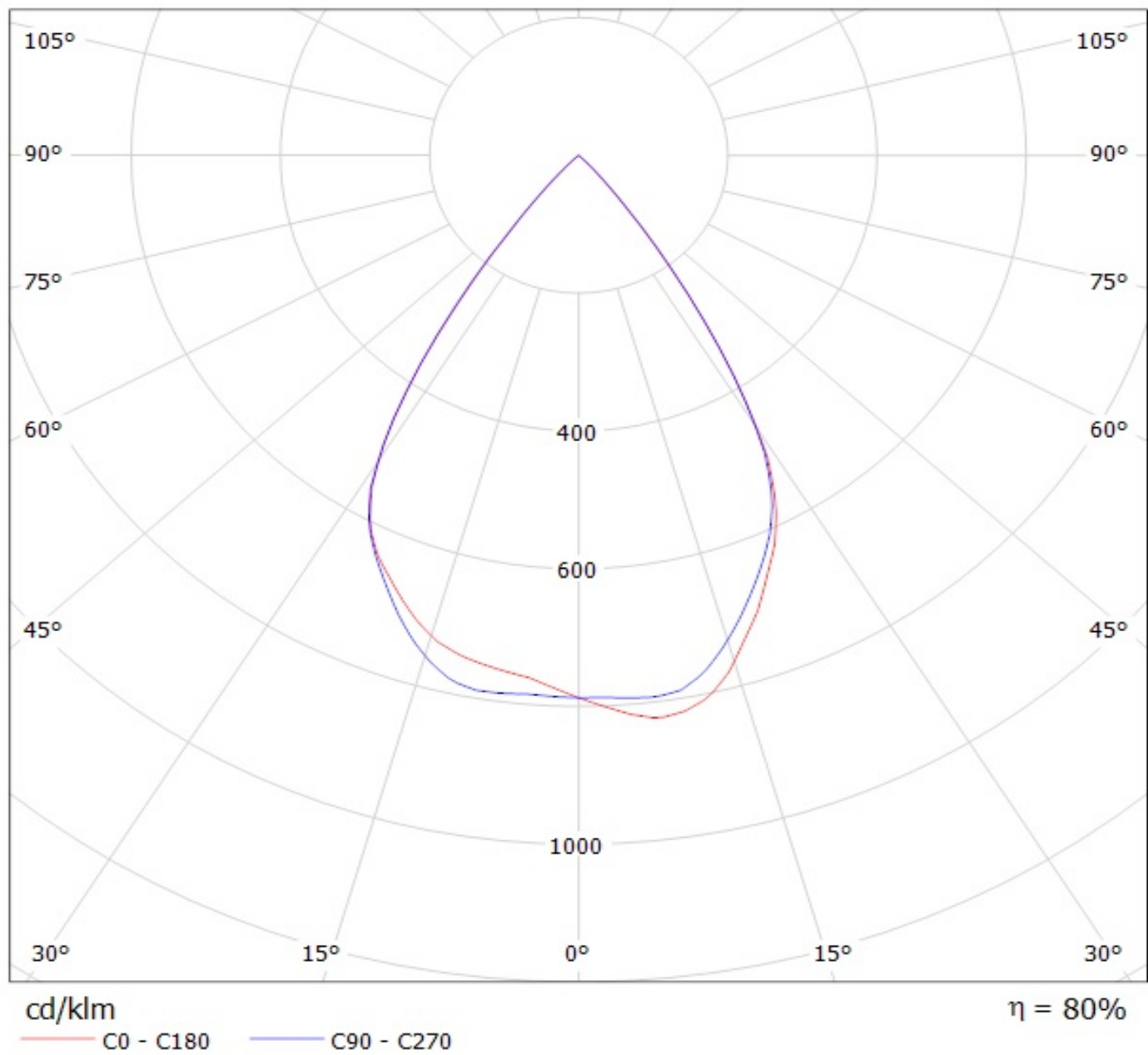


Luminaire: LEDiL Oy C13032_BARBARA-WW_(SLE-G5_LES-15)

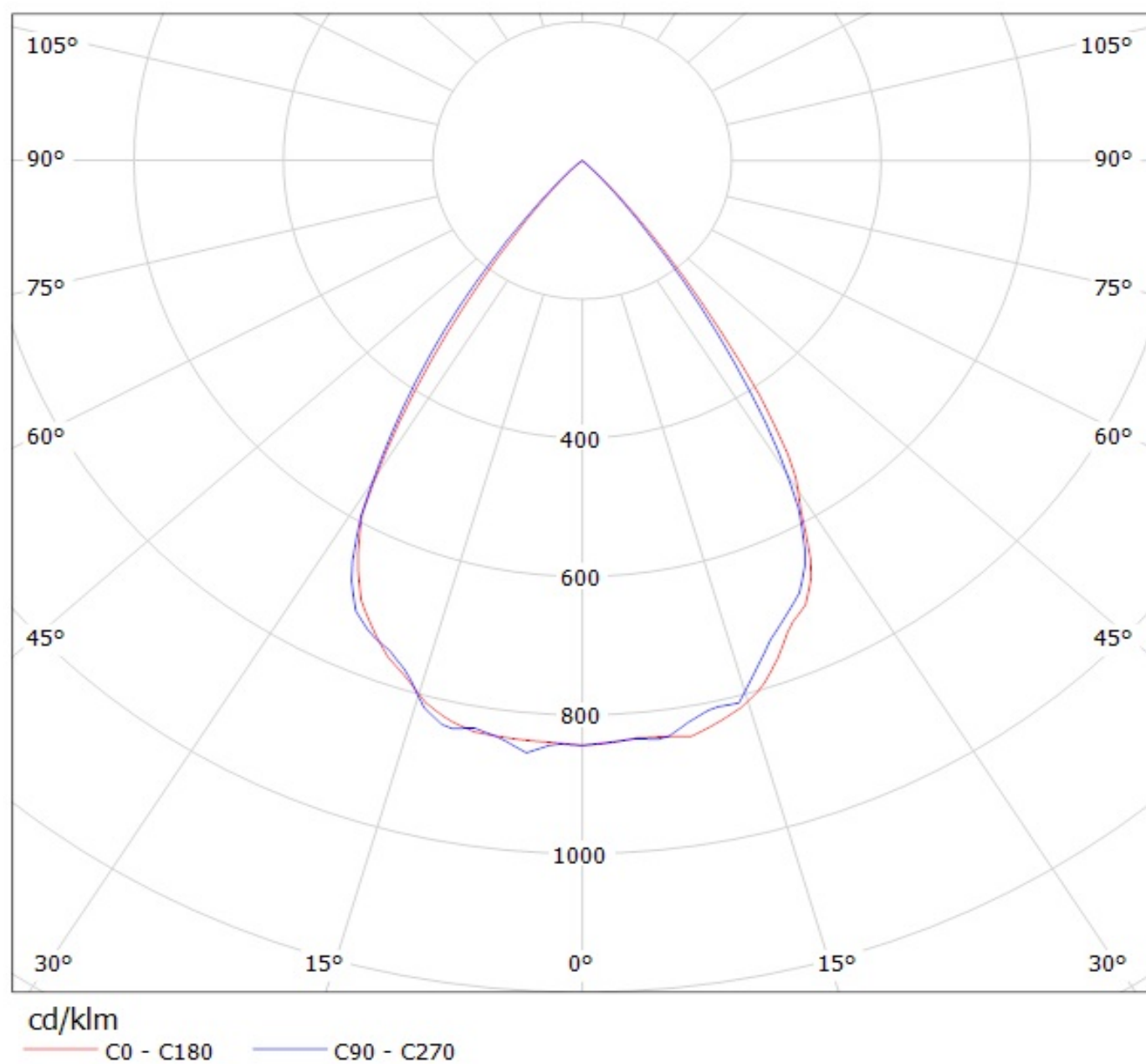
Lamps: 1 x Tridonic_SLE-G5_LES-15_1280.24lm@250mA_P=8.6273W_I=0.250A



Luminaire: LEDil Oy C13032_BARBARA-WW_(CXM-14)
Lamps: 1 x Luminus CXM-14 (1058.75lm @ 250mA) CCT=3100K P=8.4W I=250mA



Luminaire: Ledil Oy C13032_BARBARA-WW (Citizen CLL030 776lm @ 250mA) Efficiency=88%
Lamps: 1 x Citizen CLL030 776lm @ 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

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.