

DETAILS

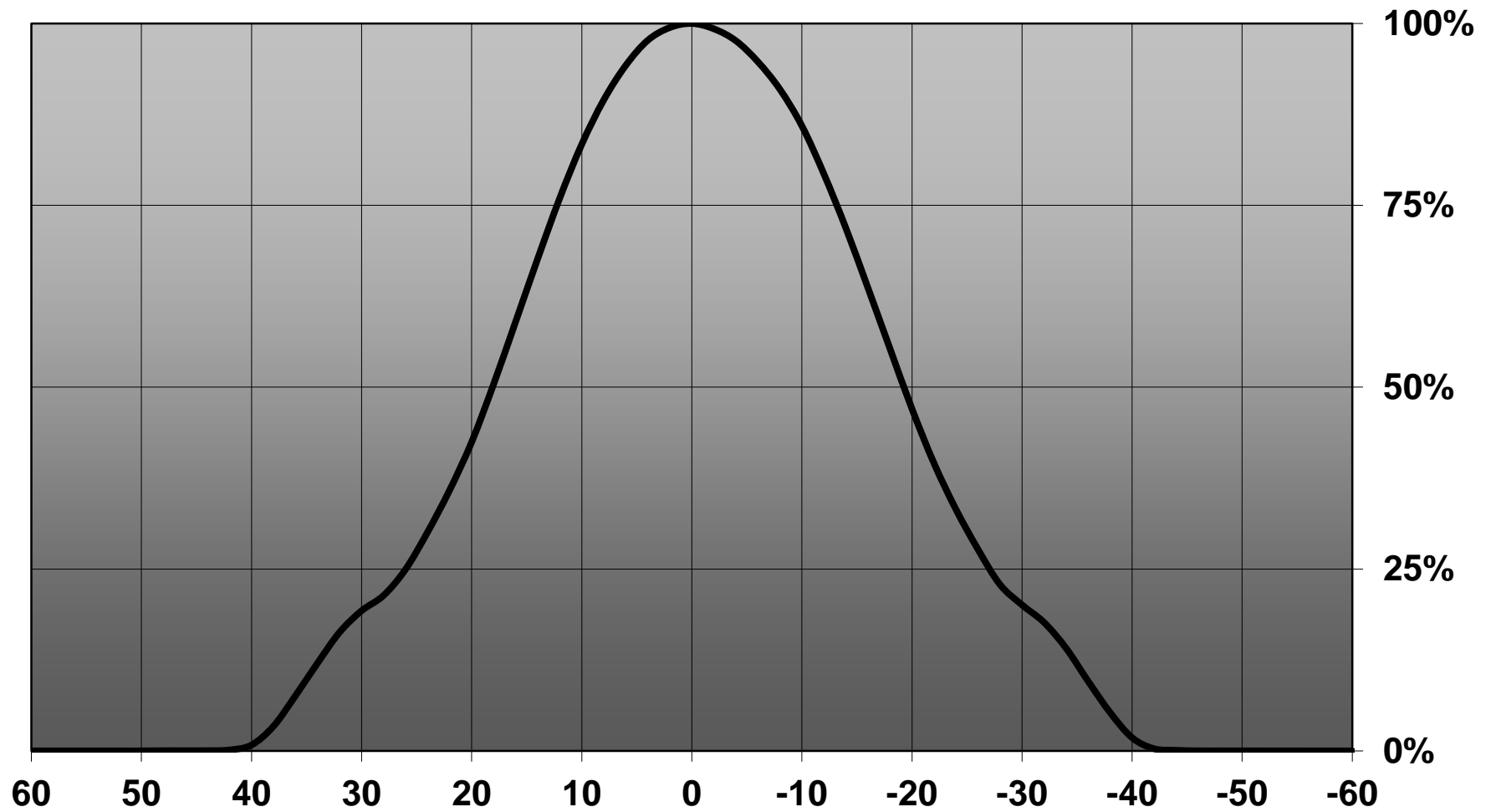
Product Number	C11553_BARBARA-W
Family	Barbara
Type	Reflector
Color	metal
Diameter	70 mm
Height	44,7 mm
Style	round
Optic Material	PC
Holder Material	
Fastening	glue
Status	production ready
ROHS Compliant	Yes
Date Updated	10/02/2015

OPTICAL PROPERTIES

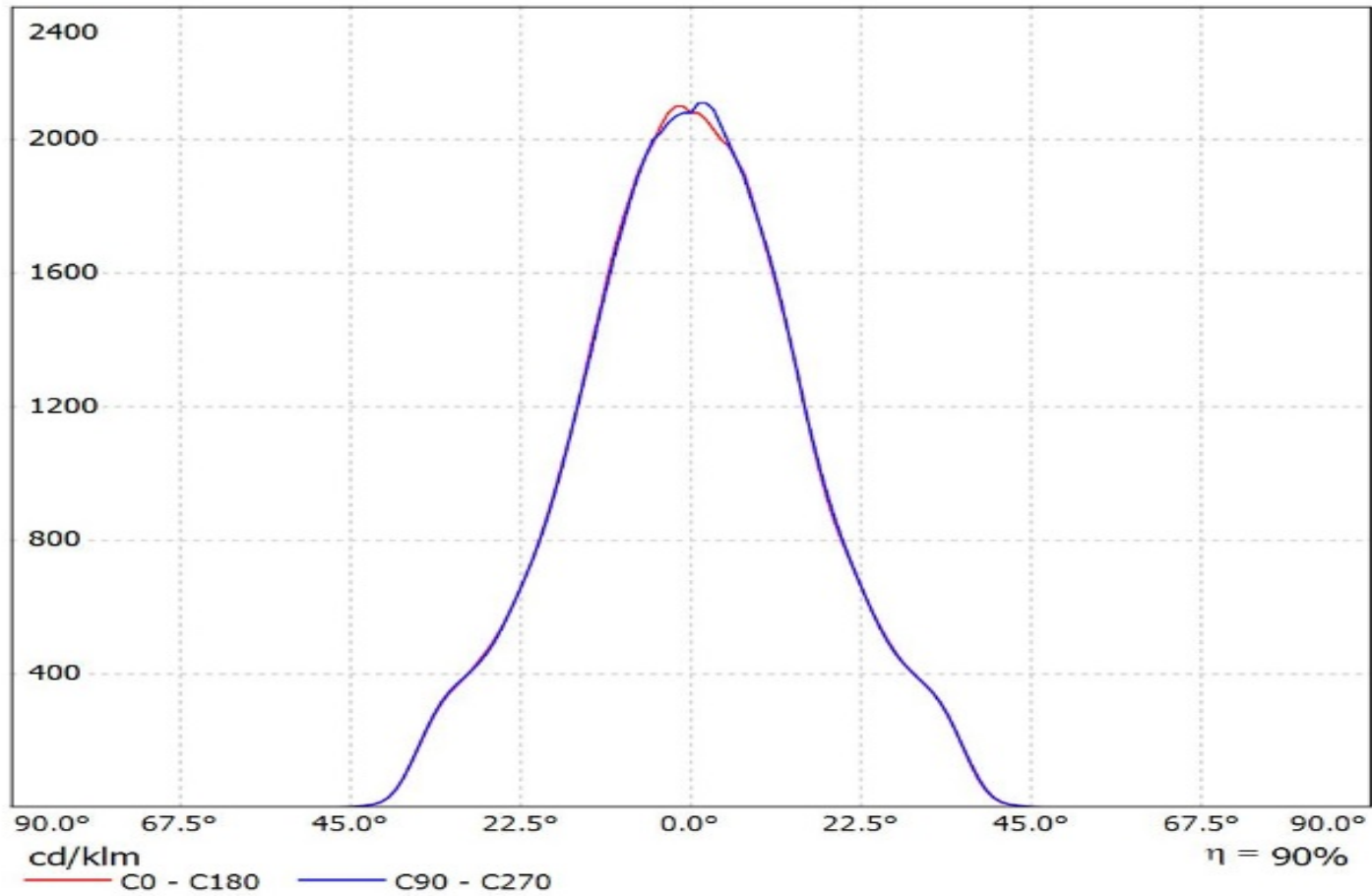
LED	Viewing Angle	Light Beam	Effi- ciency	cd/lm	Connector
CLU730	sim: 37	Wide	sim: 91 %	sim: 1.960	-
NSBxL110	31 deg	Wide	90 %	sim: 2.100	-
CL-L330	35 deg	Wide	90 %	2.500	-
CLU720	35 deg	Wide	91 %	2.000	-
BXRA ES Rectangle	37 deg	Wide	90 %	2.010	-
COB 10W/13W/17W/24W	37 deg	Wide	89 %	2.000	-
CXA2011	40 deg	Wide	90 %	1.560	-
SLE G5 LES15	40 deg	Wide	90 %	1.780	-
CXM-14	41 deg	Wide	90 %	1.700	-
CLL03x/CLU03x	42 deg	Wide	89 %	1.800	-
STARK SLE PURE G3 LES17	43 deg	Wide	91 %	1.610	-



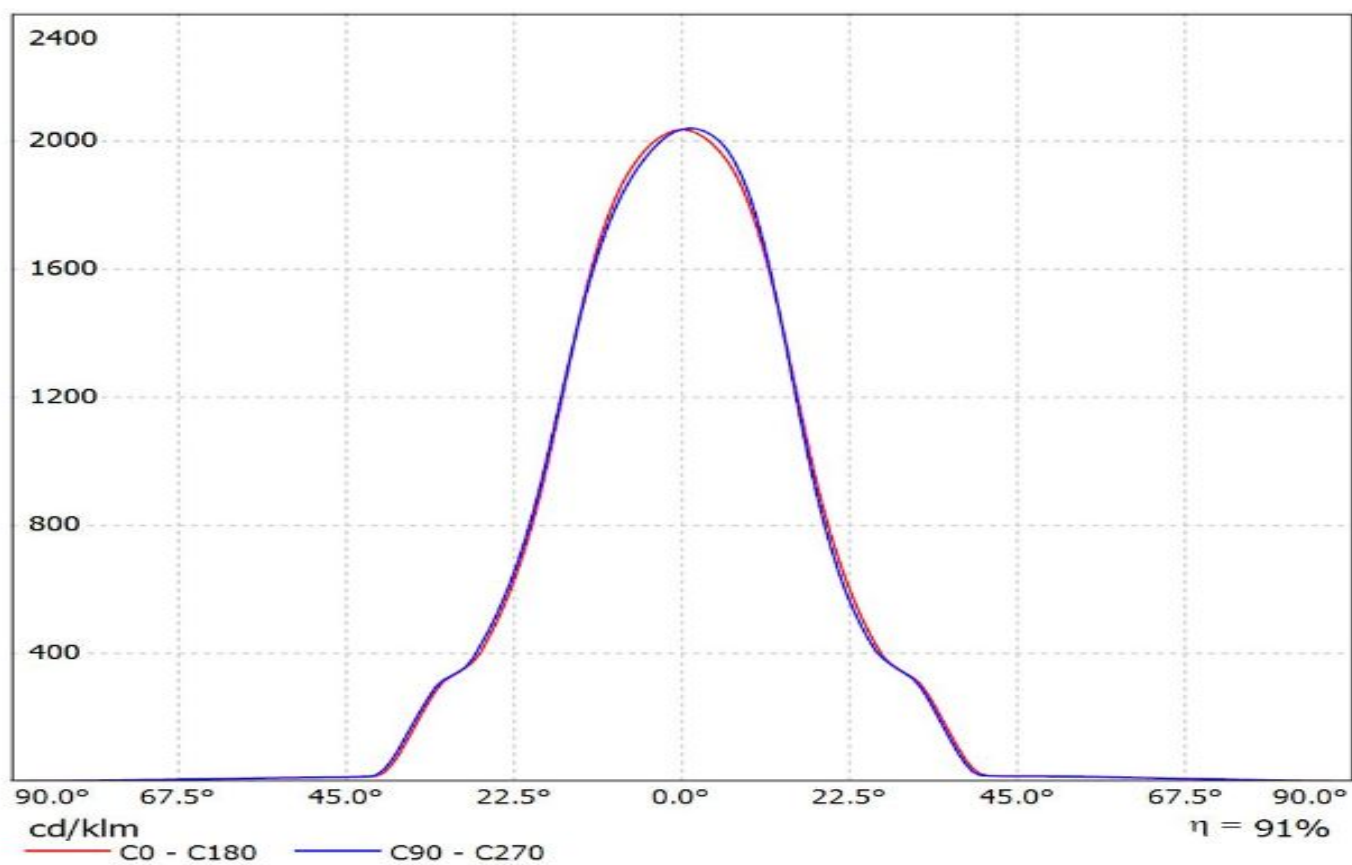
Relative intensity of C11553_BARBARA-W (COB-10W)



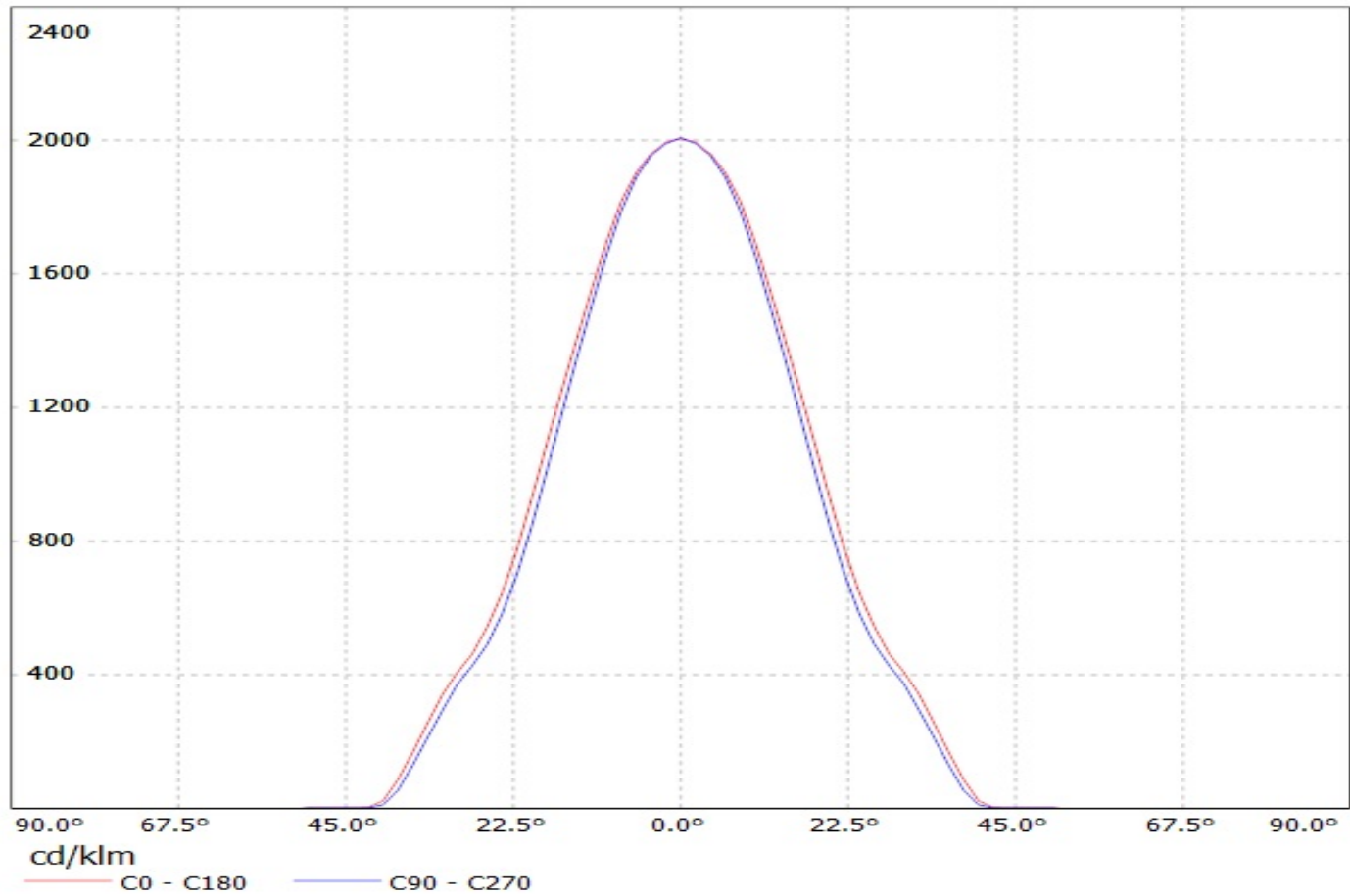
Luminaire: Ledil Oy C11553_BARBARA-W_(NSBxL110)_SIMULATED
Lamps: 1 x Nichia NSBxL110 (NSBLL110)



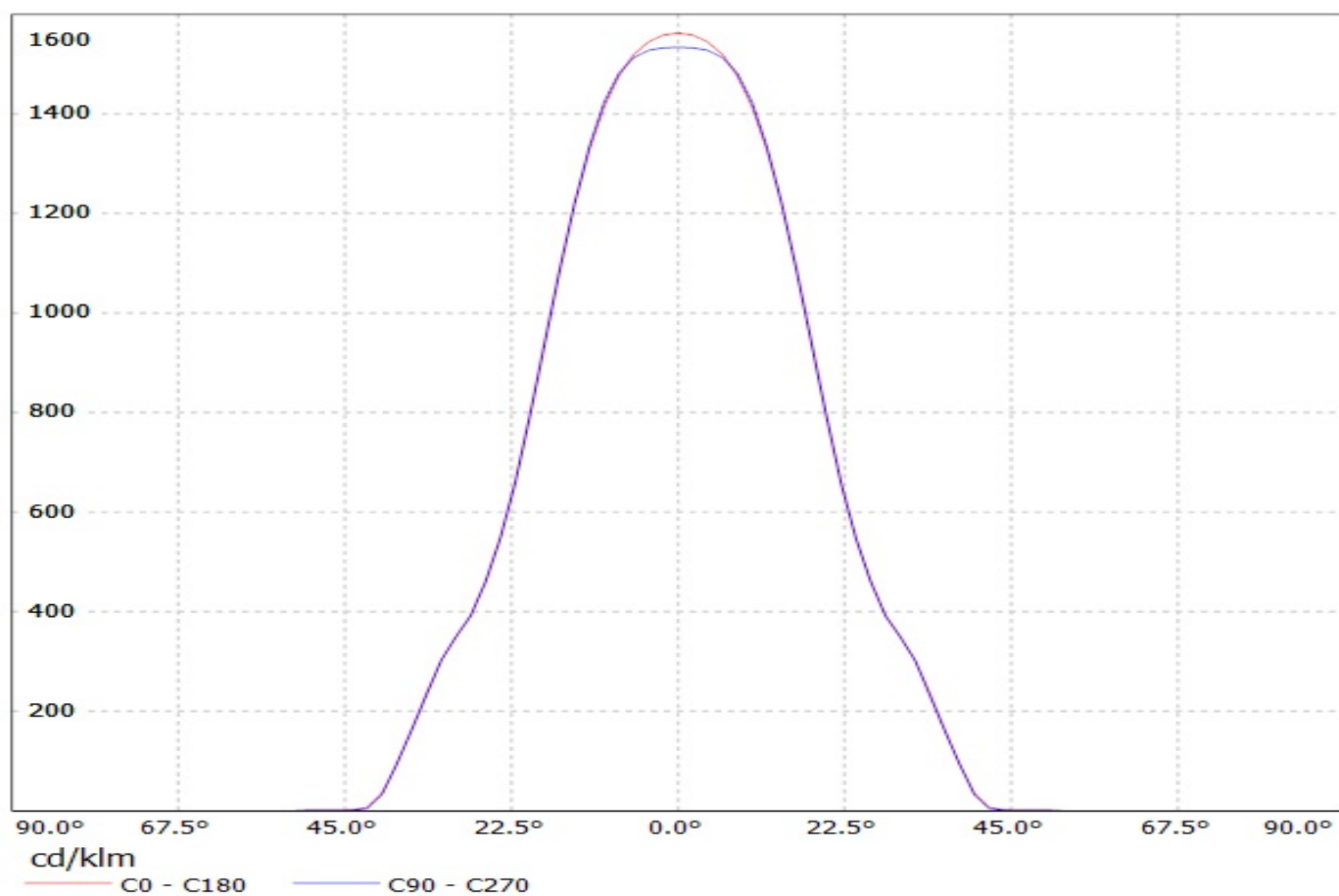
Luminaire: Ledil C11553_BARBARA-W_(CLU720)
Lamps: 1 x CITIZEN_CLU720_(CLU720-1206B8-273M2)
_1298.17lm@250mA_CCT=2700K_P=8.3W_I=0.25A



Luminaire: Ledil Oy C11553_Barbara-W C11553_Barbara-W
Lamps: 1 x Bridgelux BXRA-C2002 (Wh)

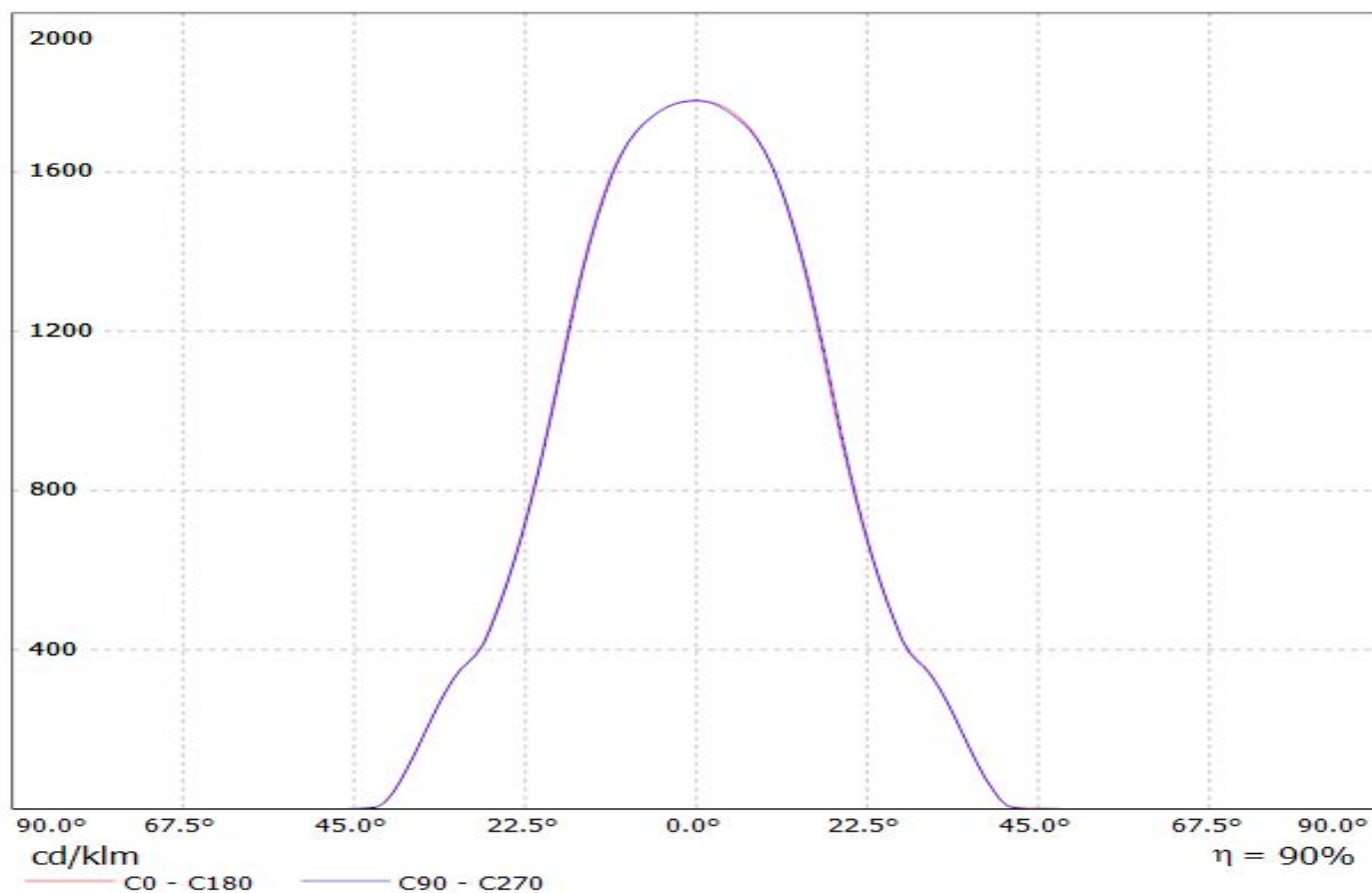


Luminaire: Ledil Oy C11553_Barbara-W_CXA20 C11553_Barbara-W_CXA20
Lamps: 1 x Cree CXA20



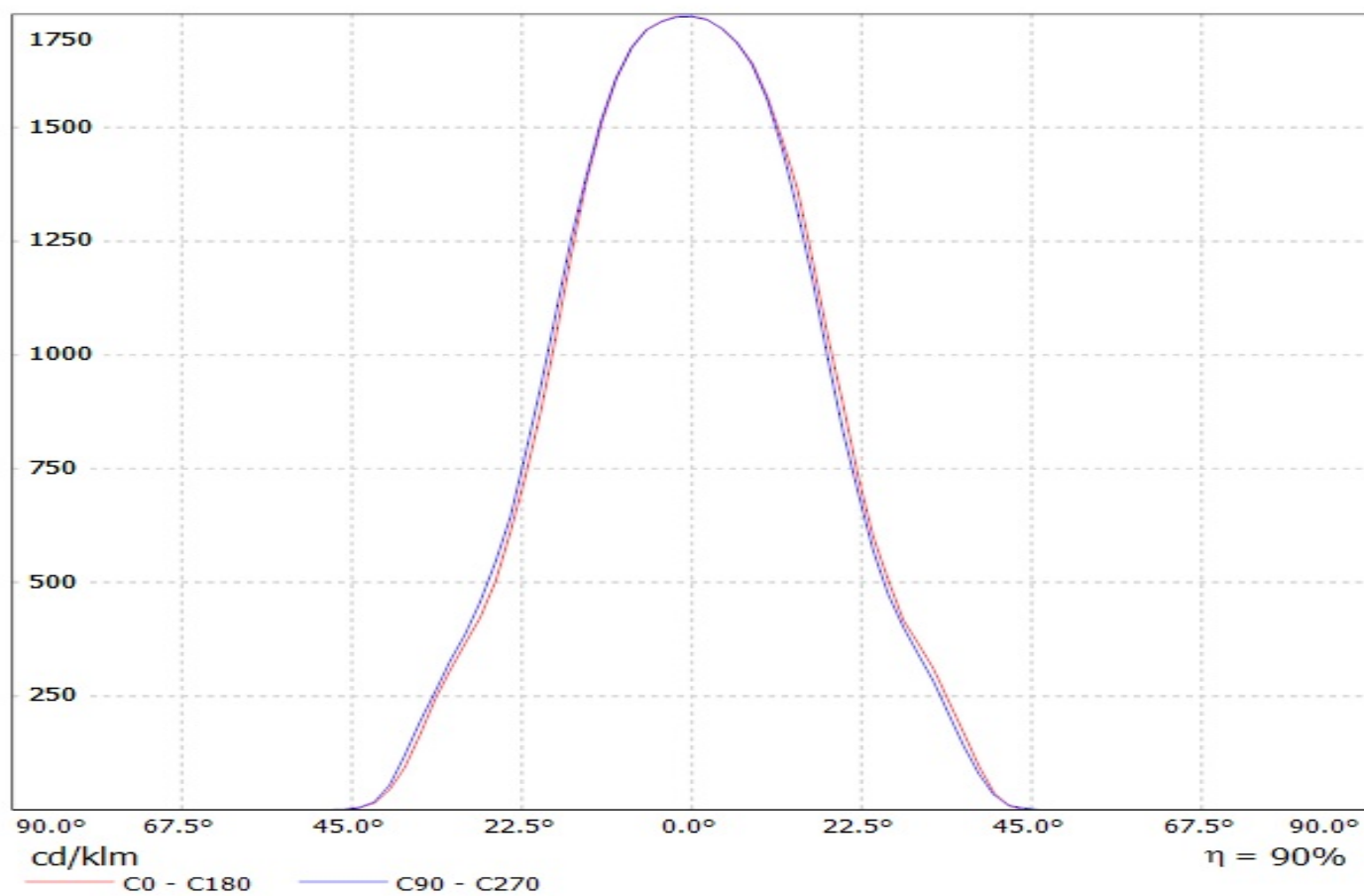
Luminaire: LEDiL Oy C11553_BARBARA-W_(SLE-G5_LES-15)

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

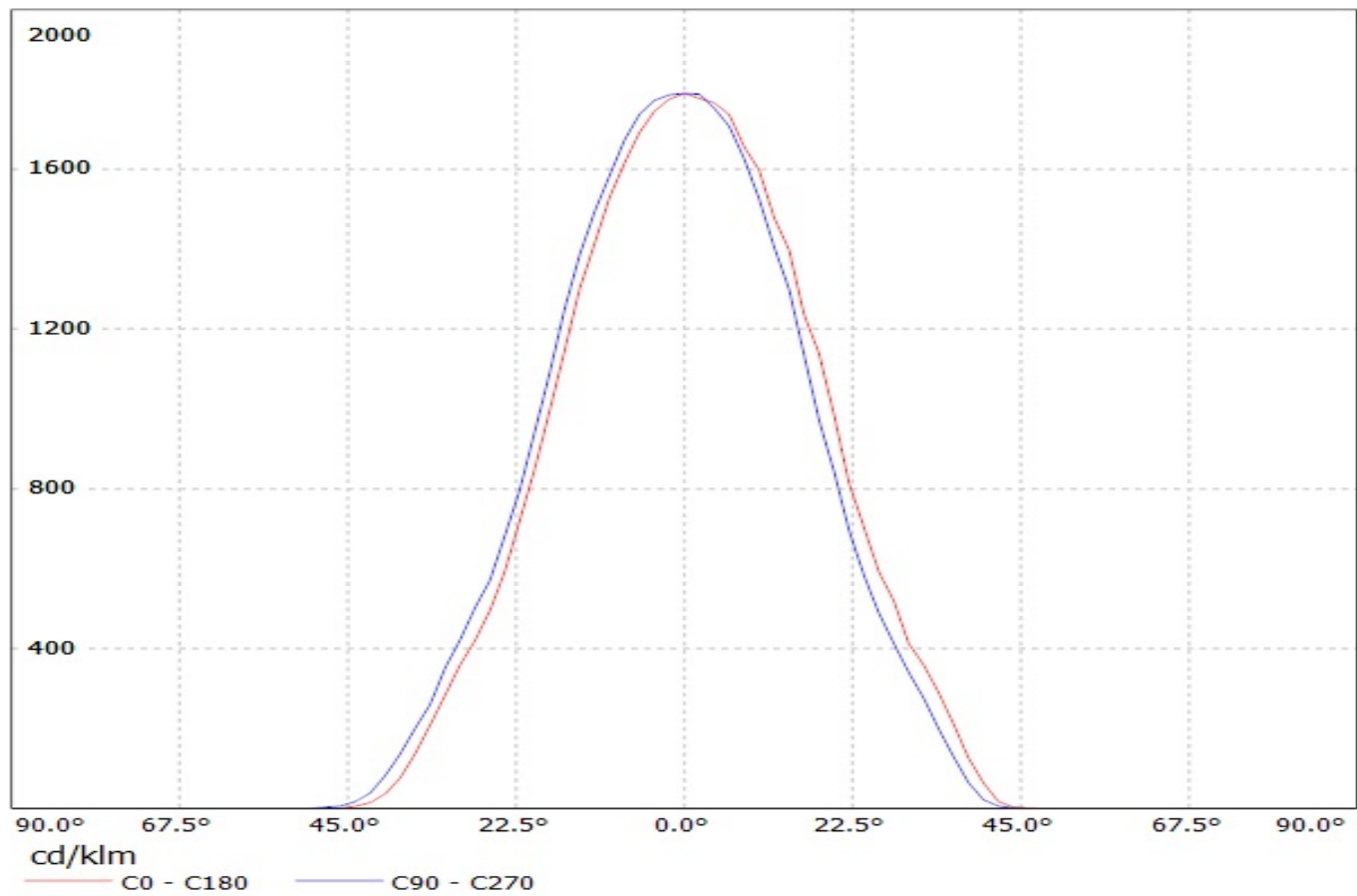


Luminaire: LEDil Oy C11553 BARBARA-W_(CXM-14)

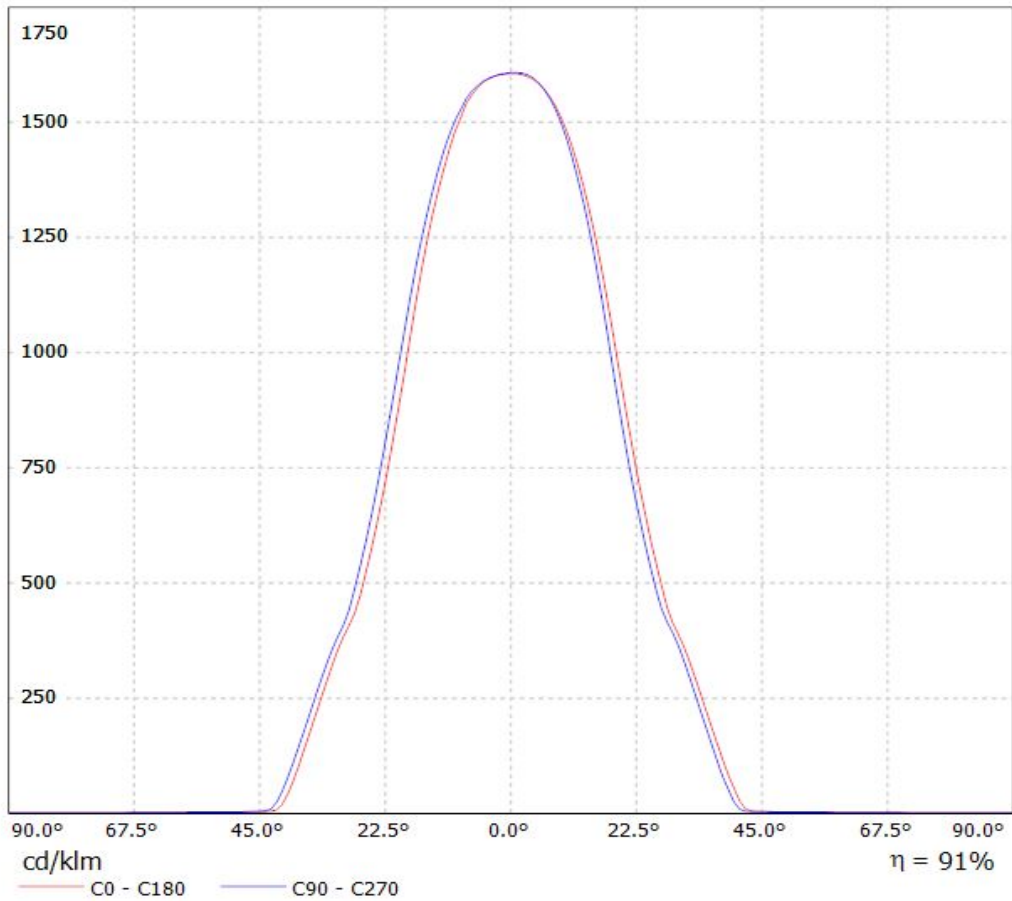
Lamps: 1 x Luminus CXM-14 (1058.75lm @ 250mA) CCT=3100K P=8.3W I=250mA



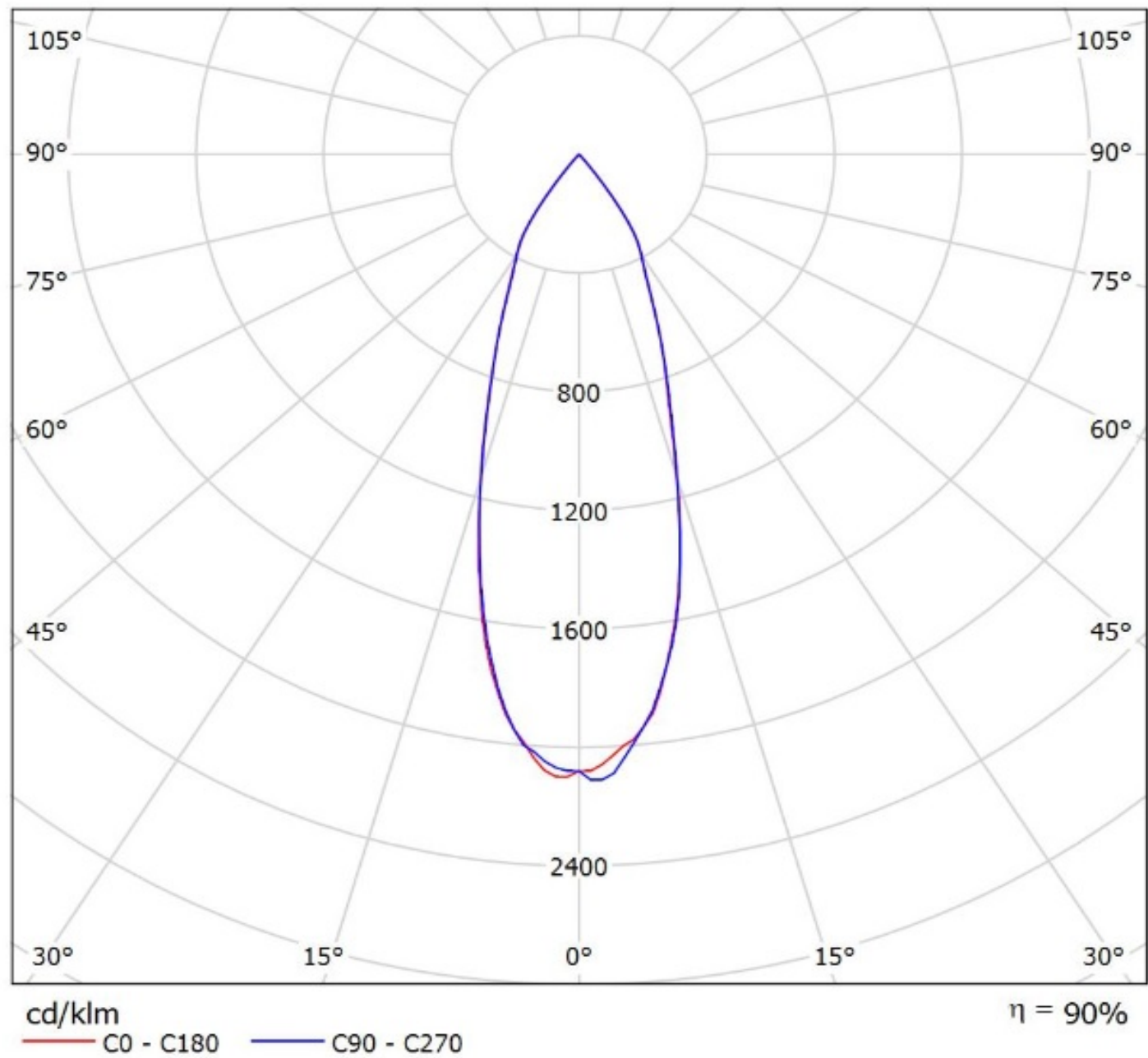
Luminaire: Ledil Oy C11553 BARBARA-W (Citizen CLL030 776lm @ 250mA) Efficiency=89%
Lamps: 1 x Citizen CLL030 776lm @ 250mA



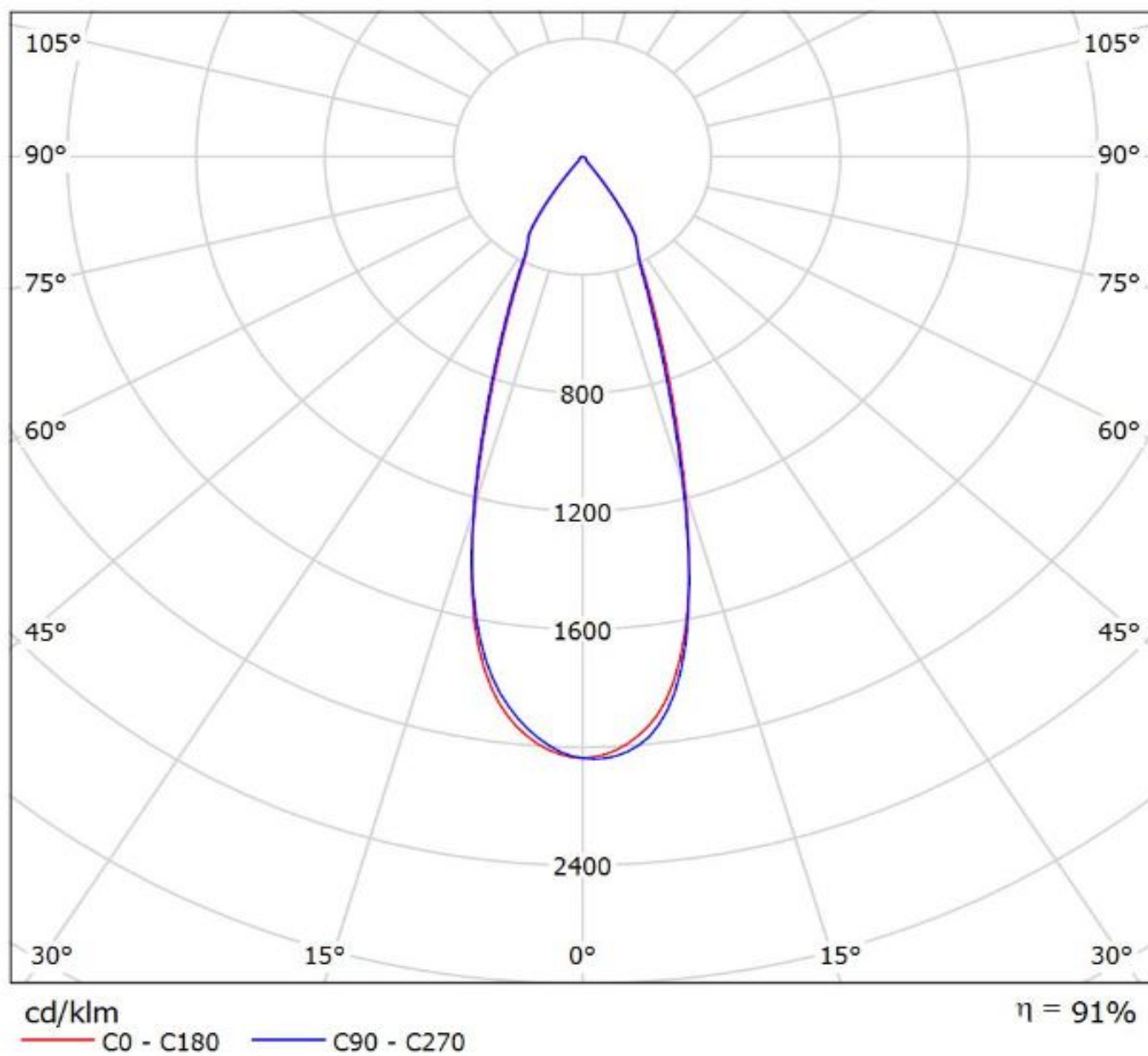
Luminaire: LEDiL Oy C11553 BARBARA-W (SLE_G3_LES17) Eff.90.9%
Lamps: 1 x TRIDONIC_STARK_SLE_G3_LES17_(STARK-SLE-PURE_G3-17-2000-840-CLA)_1011.62lm@250mA_P=8.29243W_I=249.9mA



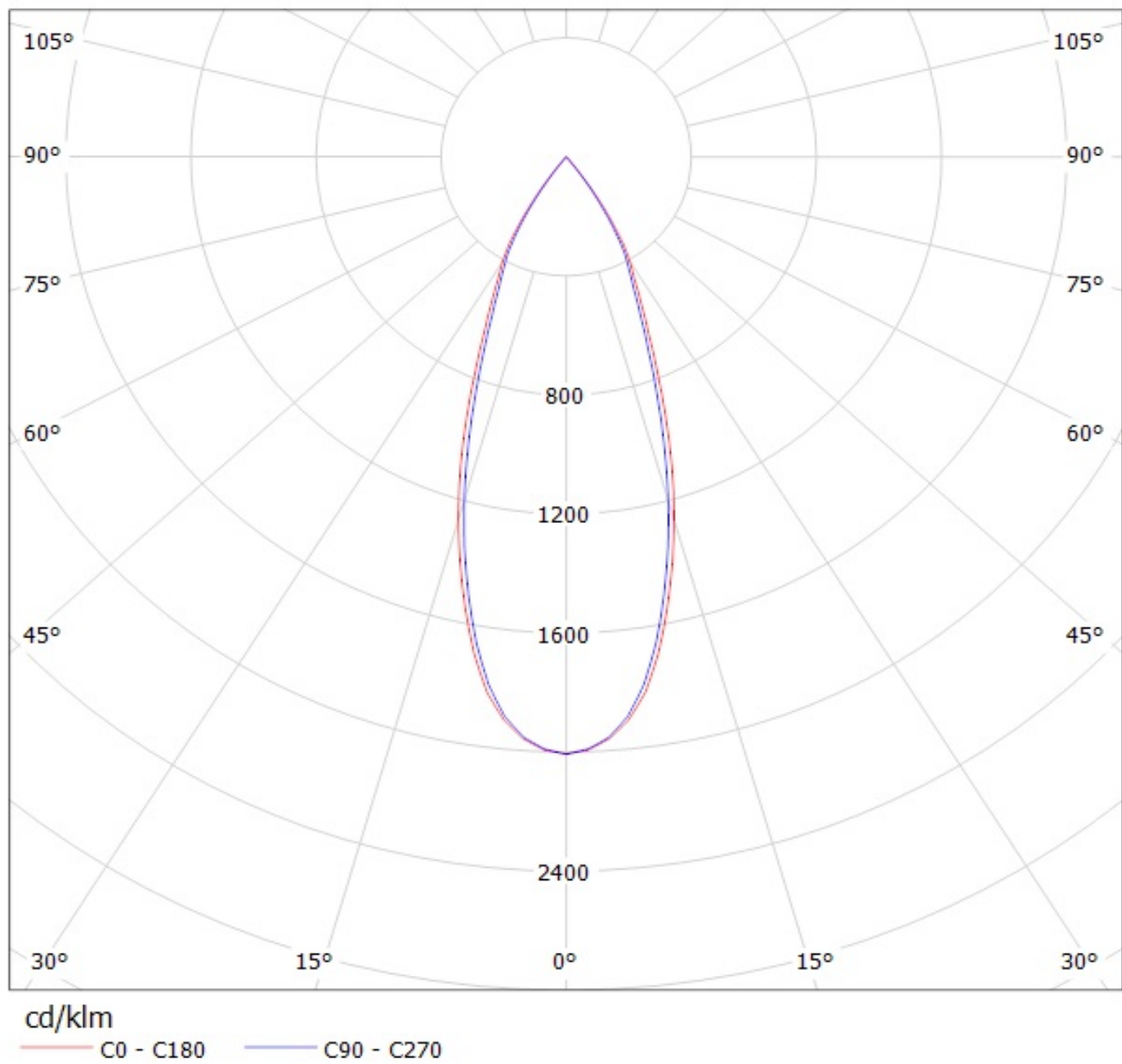
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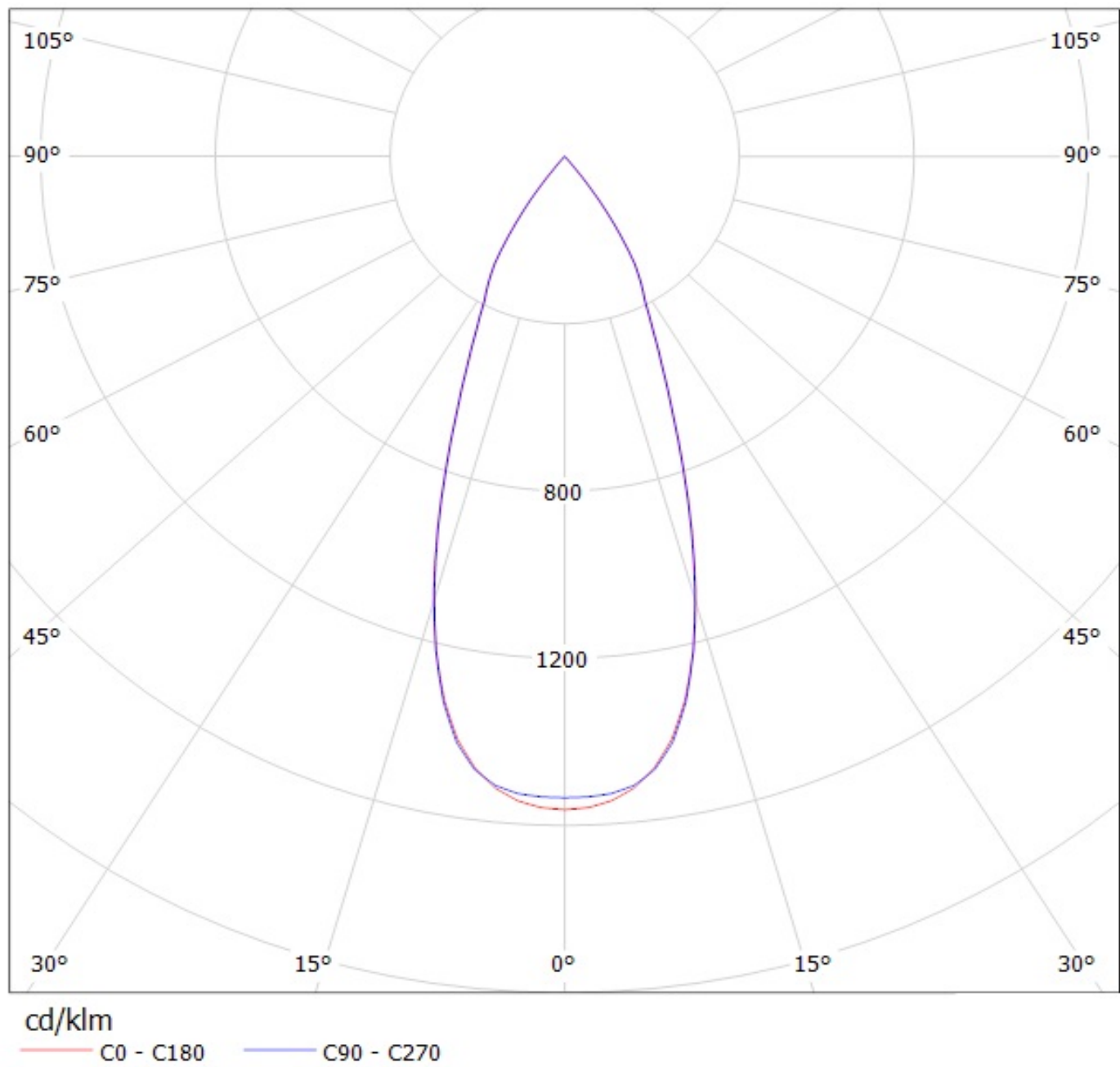
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_1298.17lm@250mA_CCT=2700K_P=8.3W_I=0.25A



Luminaire: Ledil Oy C11553_Barbara-W C11553_Barbara-W
Lamps: 1 x Bridgelux BXRA-C2002 (Wh

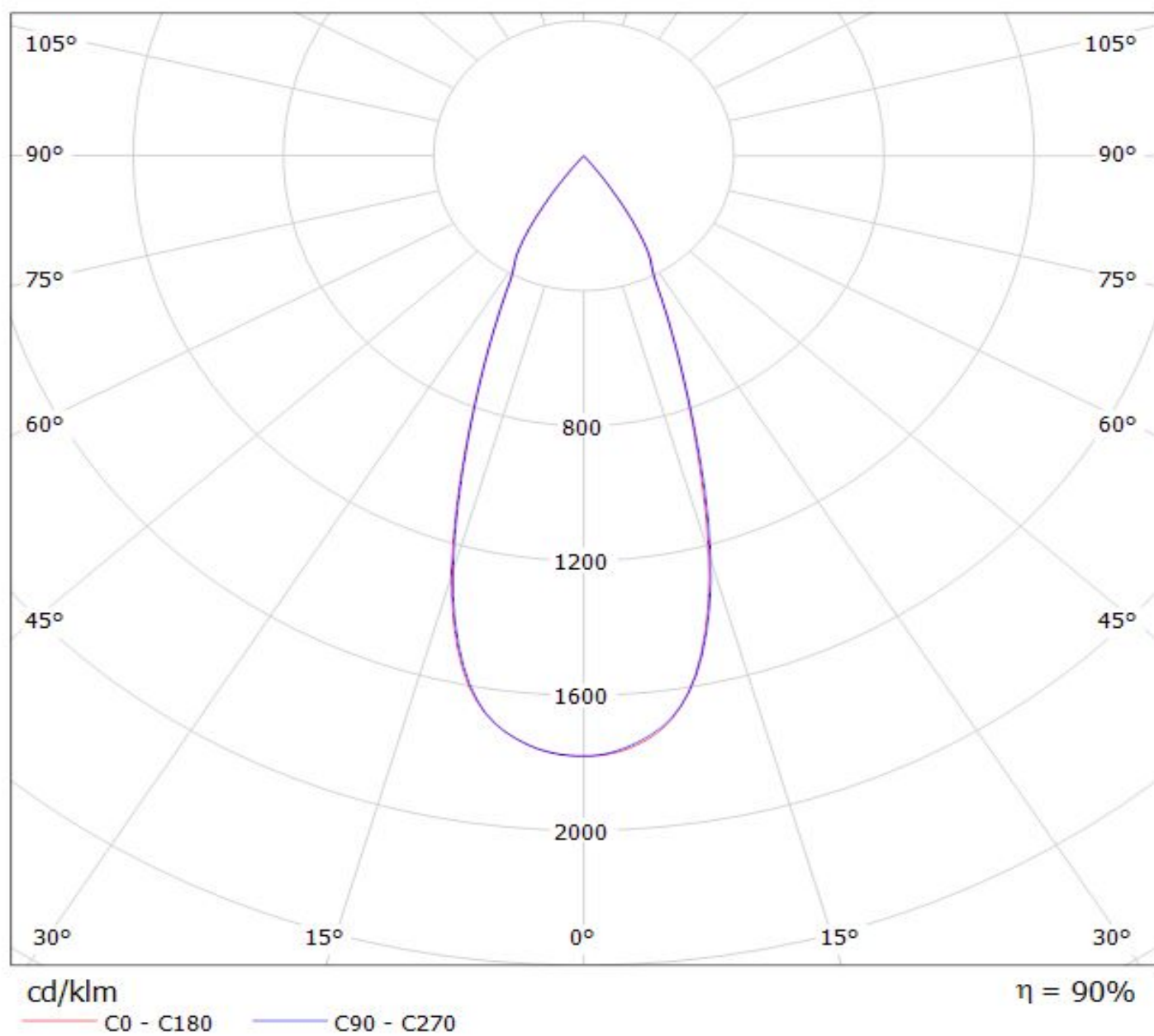


Luminaire: Ledil Oy C11553_Barbara-W_CXA20 C11553_Barbara-W_CXA20
Lamps: 1 x Cree CXA20



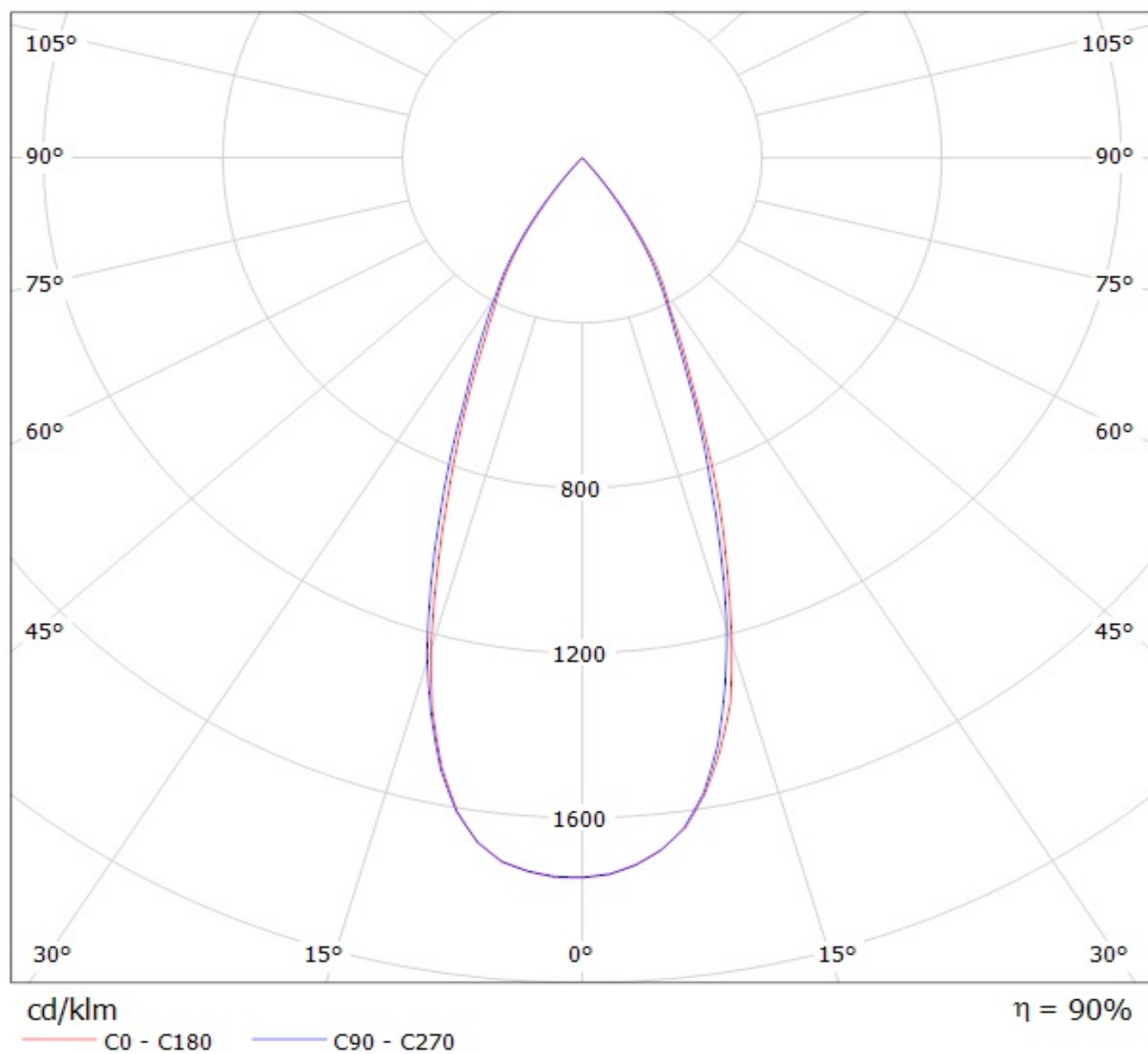
Luminaire: LEDiL Oy C11553_BARBARA-W_(SLE-G5_LES-15)

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

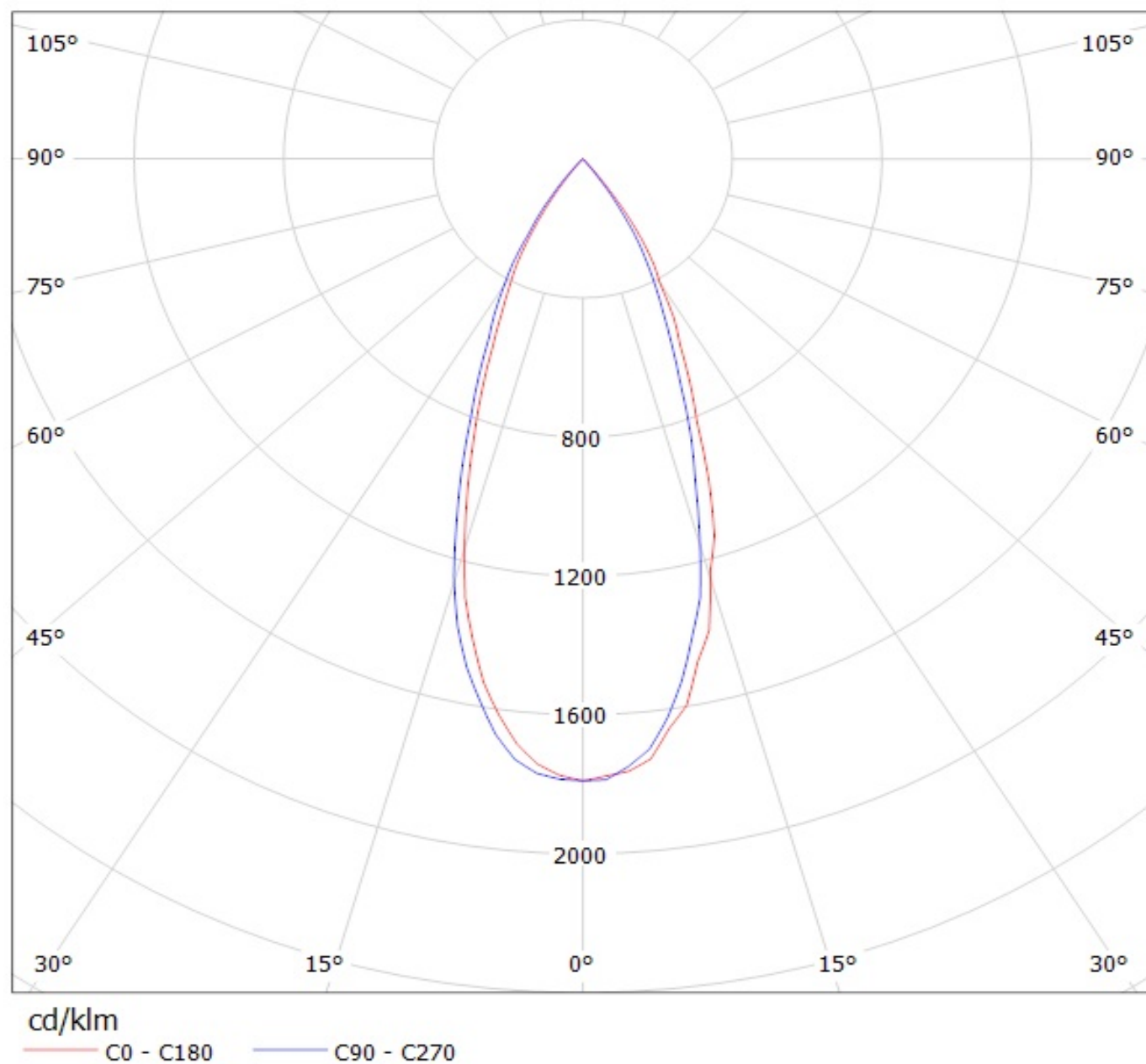


Luminaire: LEDil Oy C11553_BARBARA-W_(CXM-14)

Lamps: 1 x Luminus CXM-14 (1058.75lm @ 250mA) CCT=3100K P=8.3W I=250mA

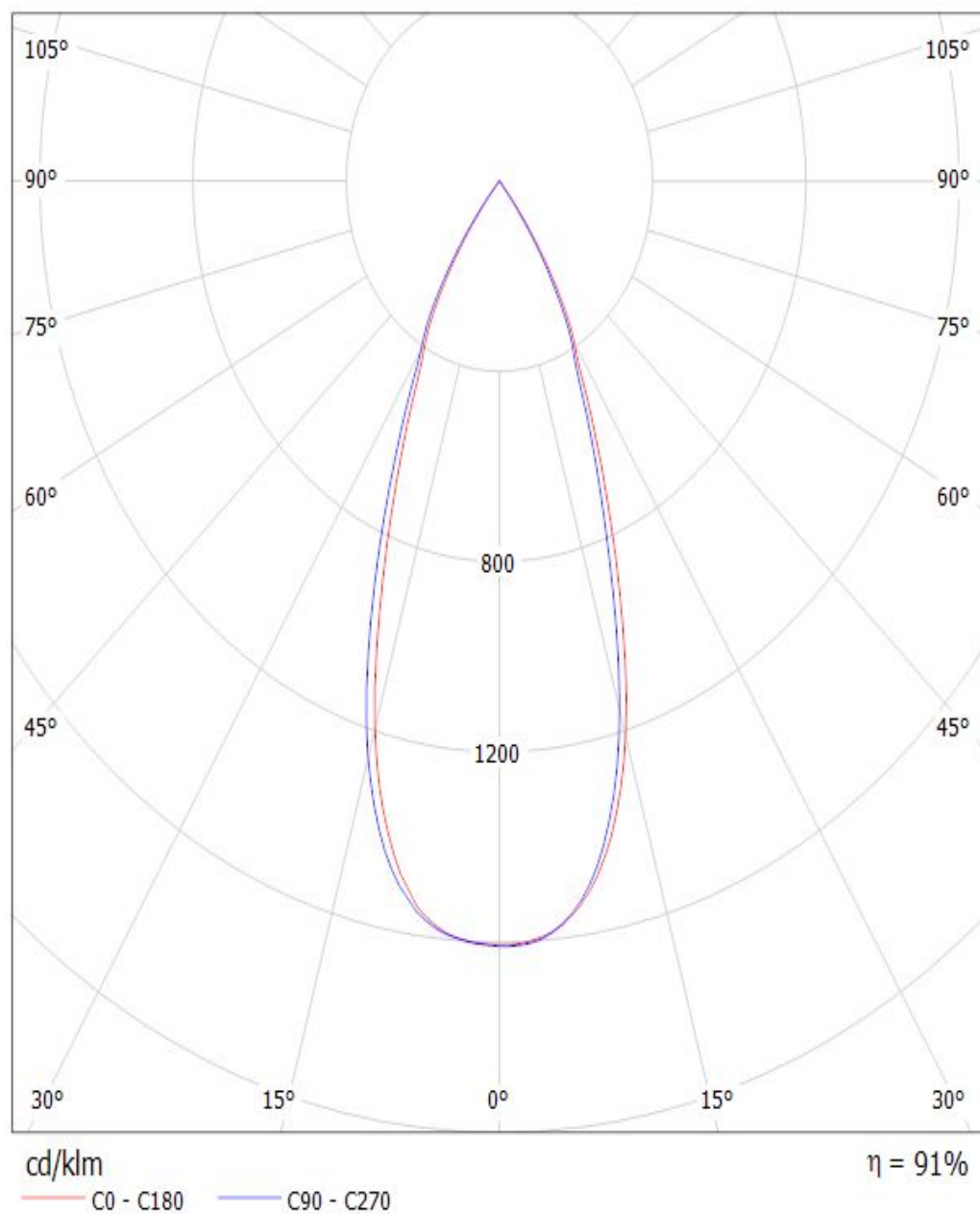


Luminaire: Ledil Oy C11553 BARBARA-W (Citizen CLL030 776lm @ 250mA) Efficiency=89%
Lamps: 1 x Citizen CLL030 776lm @ 250mA



Luminaire: LEDiL Oy C11553_BARBARA-W_(SLE_G3_LES17) Eff.90.9%

Lamps: 1 x TRIDONIC_STARK_SLE_G3_LES17_(STARK-SLE-PURE_G3-17-2000-840-CLA)_1011.62lm@250mA_P=8.29243W_I=249.9mA



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.