

DETAILS

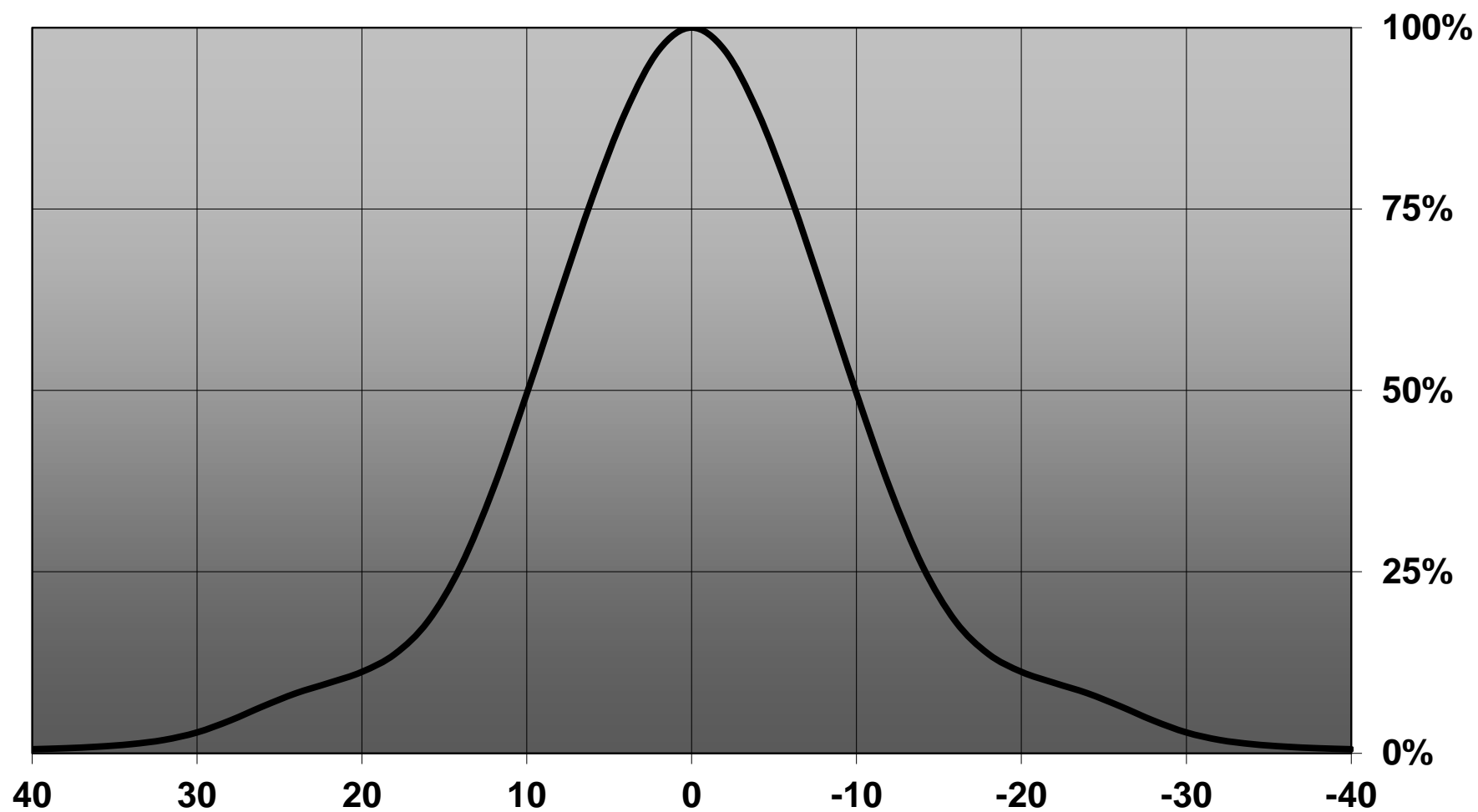
Product Number	CN12719_LENA-M-DL
Family	Lena
Type	RefPack
Color	metal
Diameter	111 mm
Height	85,4 mm
Style	round
Optic Material	PC
Holder Material	PC
Fastening	screw
Status	production ready
ROHS Compliant	Yes
Date Updated	16/02/2015

OPTICAL PROPERTIES

LED	Viewing Angle	Light Beam	Effi- ciency	cd/lm	Connector
CLU710	18 deg	Medium	81 %	4.300	-
CLU720	20 deg	Medium	77 %	3.700	-
CLL03x/CLU03x	22 deg	Medium	78 %	3.700	-
ZC12/18	22 deg	Medium	78 %	3.650	-
SLE G5 LES15	22 deg	Medium	80 %	4.000	LEDiL: LEDiL
STARK SLE PURE G3 LES17	23 deg	Medium	78 %	3.440	-
CXM-14	24 deg	Medium	79 %	3.500	LEDiL: LEDiL

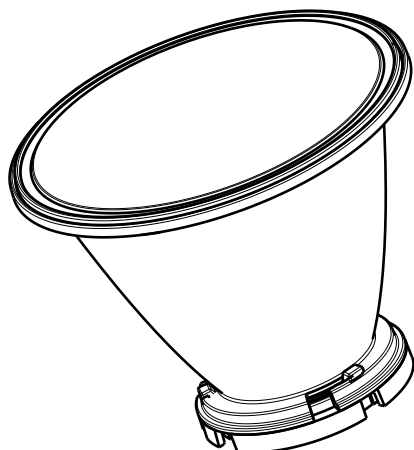


Relative intensity of CN12719_LENA-M-DL (CLL030-1208)

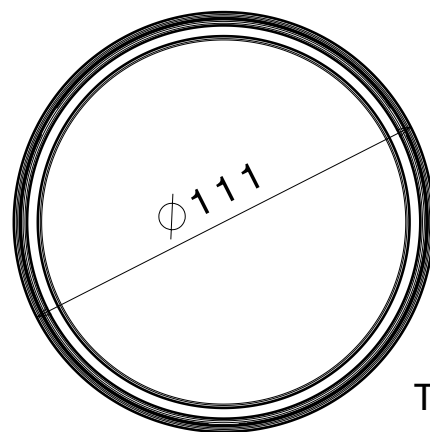


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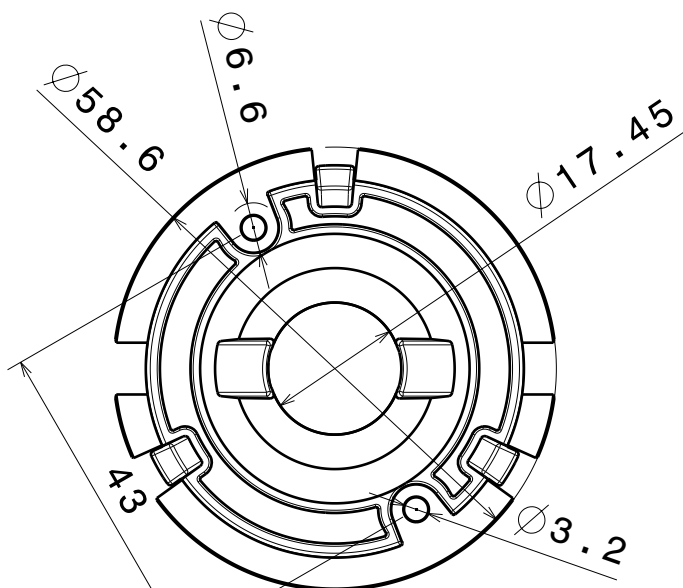


Isometric view

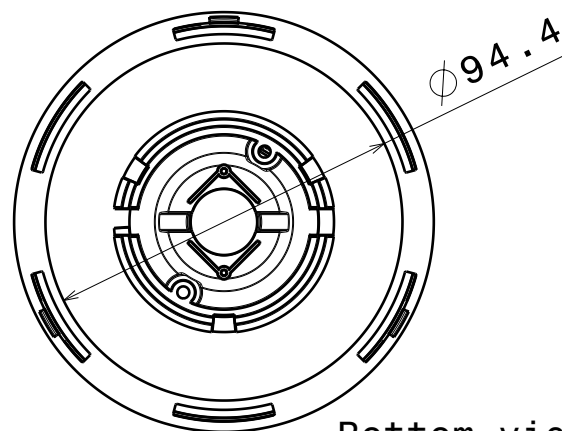


Top view

3



Front view
Scale: 1:1



Bottom view

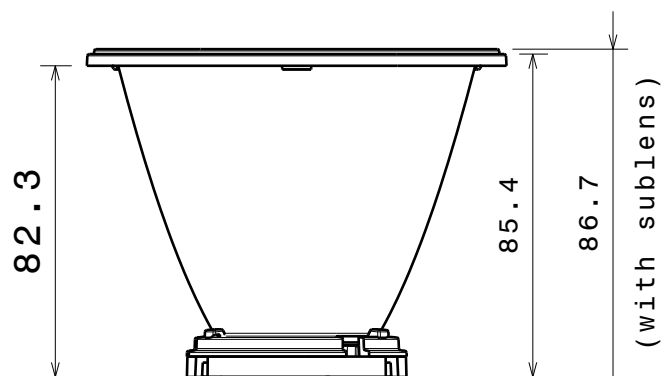
2

Material:

subLens
- PMMA

Reflector
- PC
- Metal coating and clear lacquer

Holder base
- PC
- Color white



Front view

4

3

2

1

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DRAWING TITLE

Datasheet Lena-CLL030 series Assy

DRAWN BY

DATE

10.04.2012

CHECKED BY

DATE

SIZE

A4

DRAWING NUMBER

REV

1

DESIGNED BY

DATE

15.03.2012

SCALE

1:2

WEIGHT (g)

SHEET

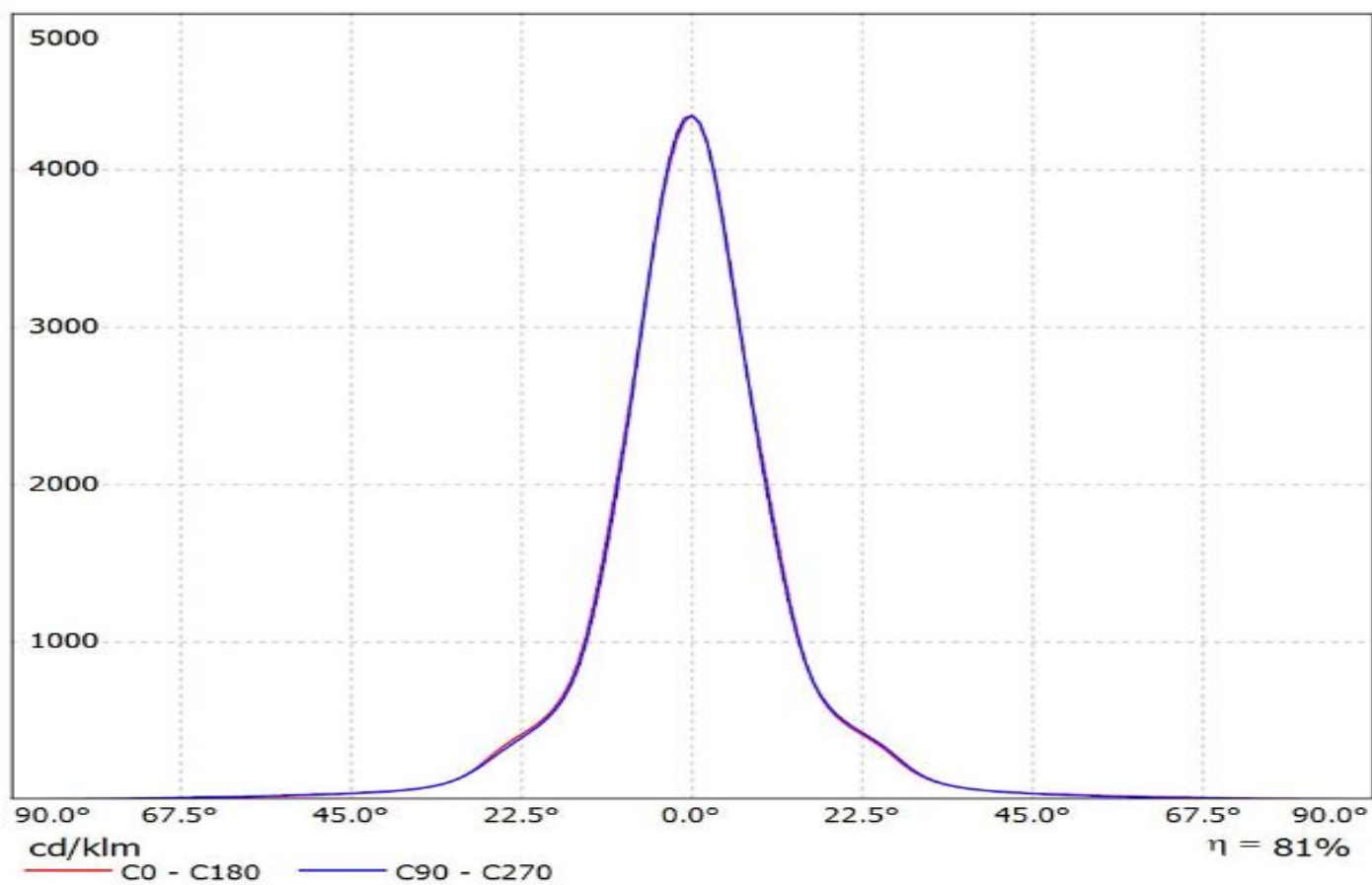
1/1

D

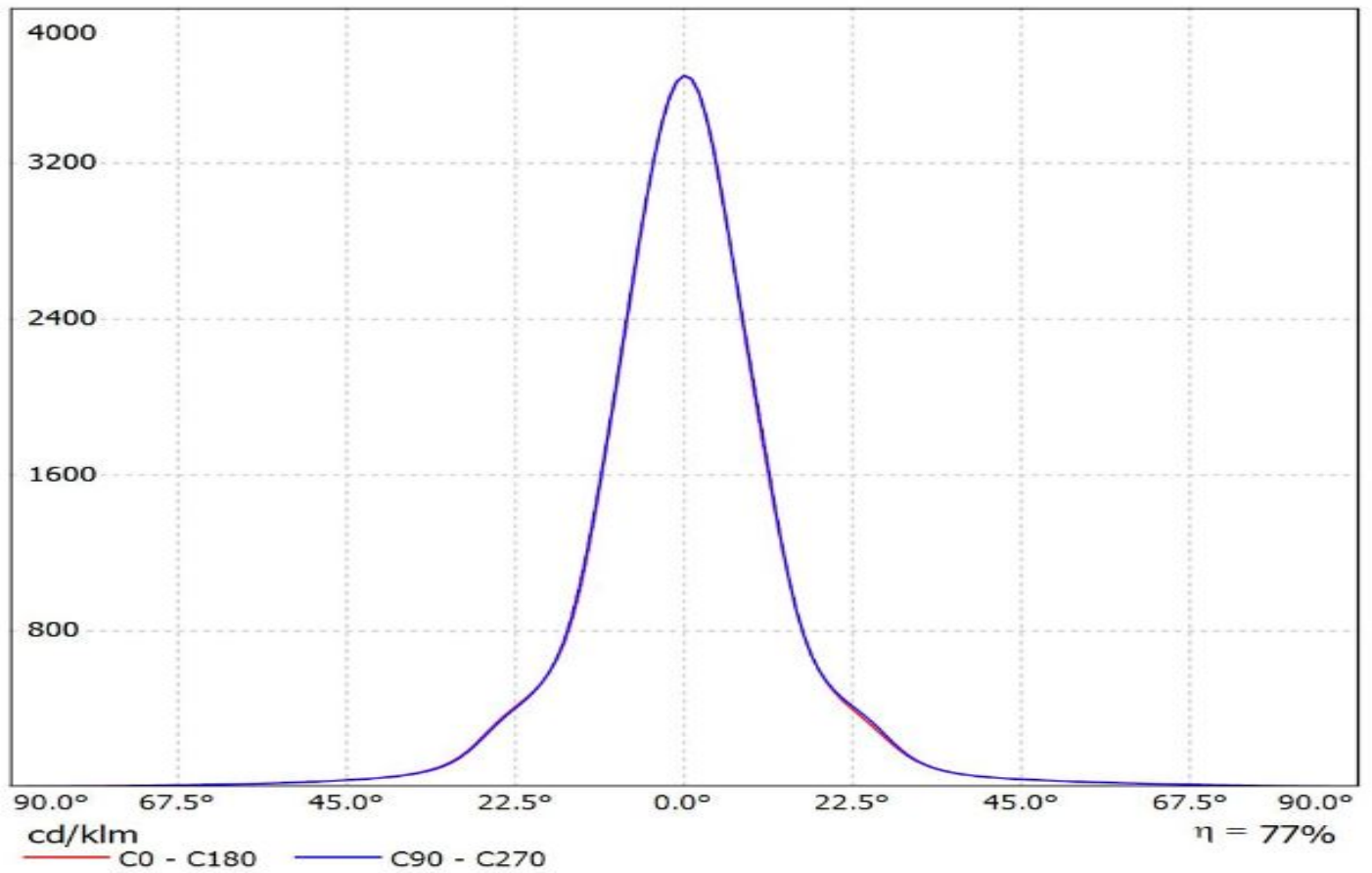
A

1

Luminaire: Ledil CN12719_LENA-M-DL_(CITIZEN_CLU710)
Lamps: 1 x CITIZEN_CLU710_(C12691_LENA-STD-BASE-CLL030)
_1194.84lm@250mA_P=8.35W_I=0.25A

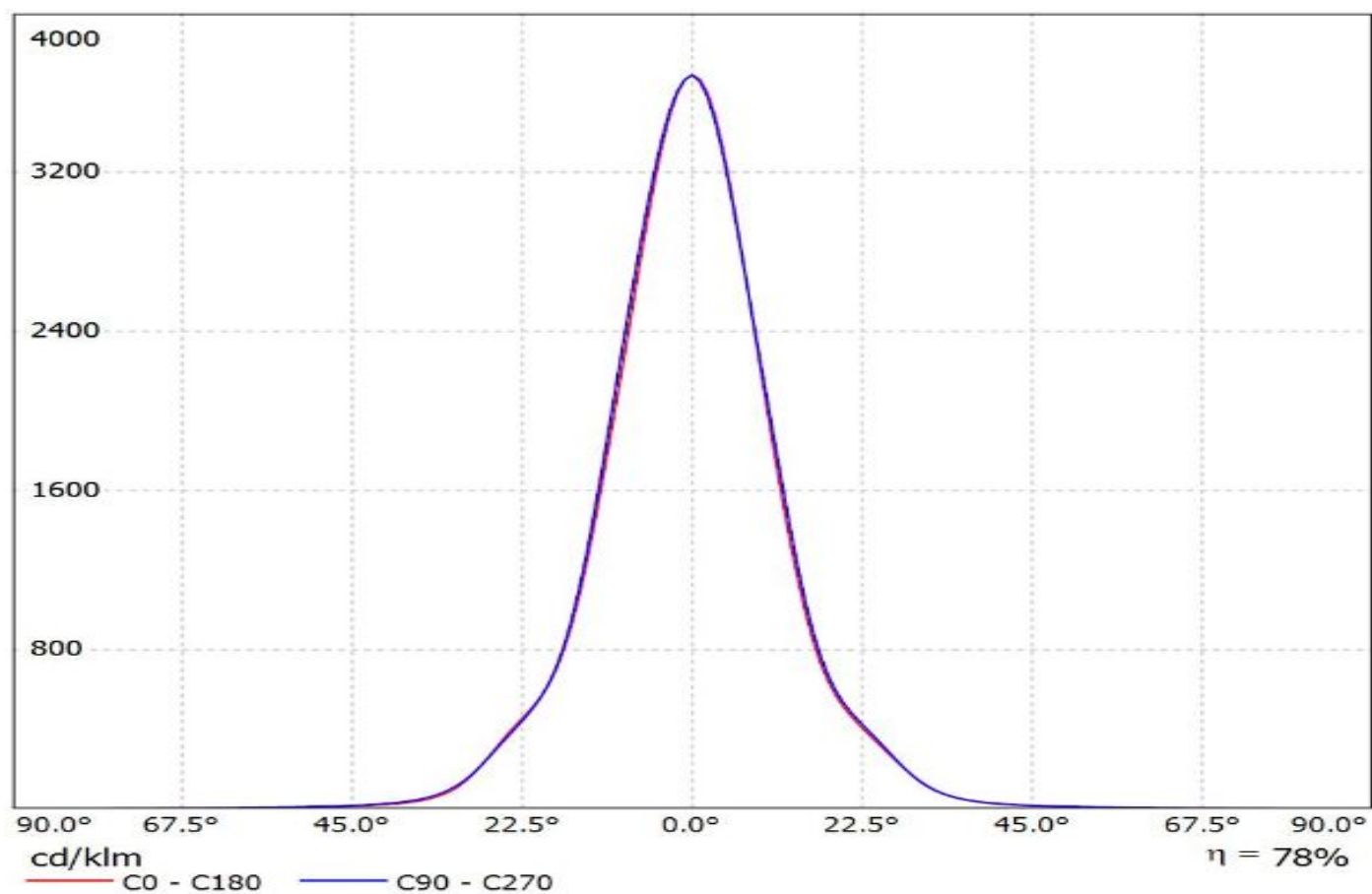


Luminaire: Ledil CN12719_LENA-M-DL_(CLU720)
Lamps: 1 x CITIZEN_CLU720_(CLU720-1206B8-273M2)
_1312.67lm@250mA_CCT=2700K_P=8.35W_I=0.25A

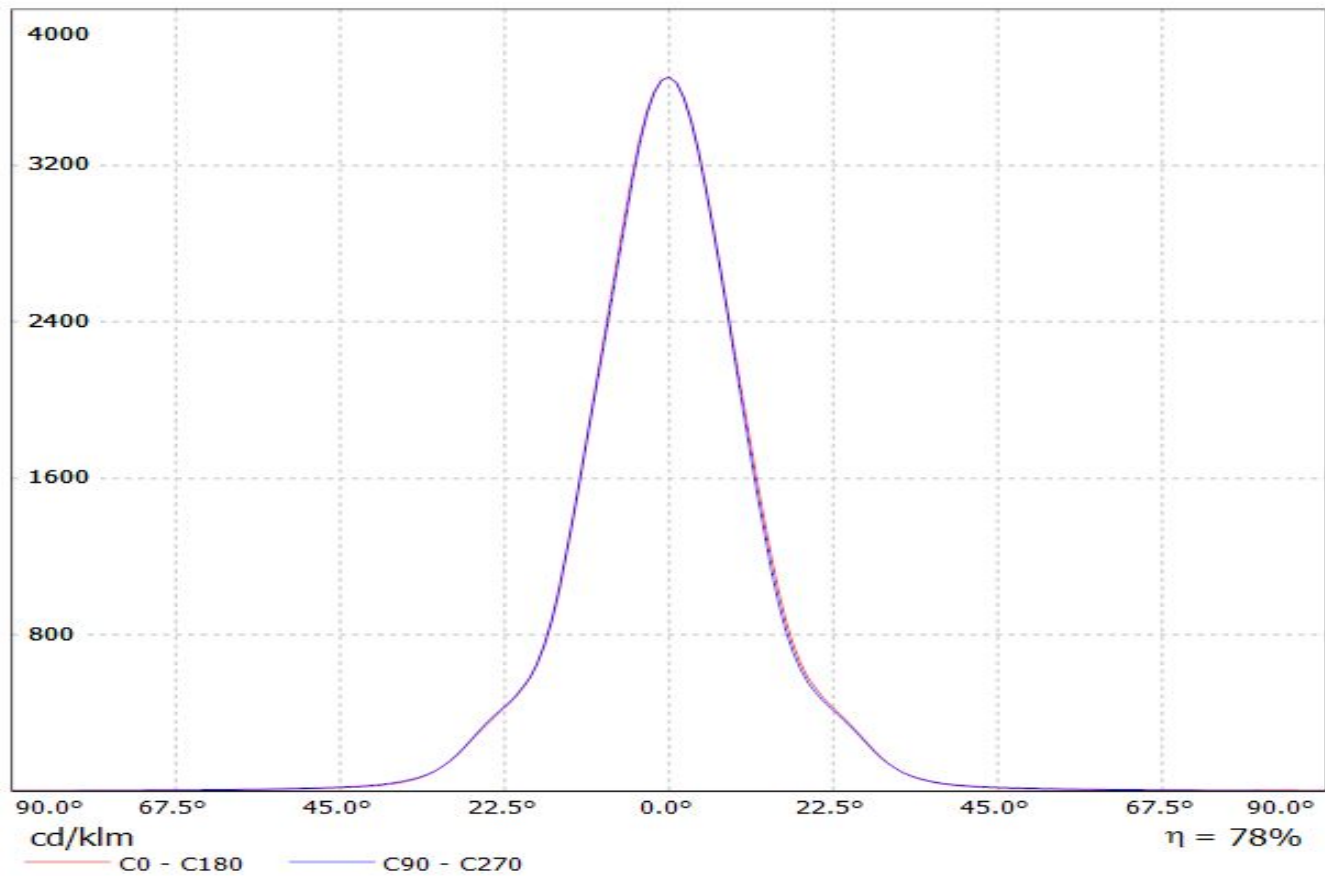


Luminaire: Ledil CN12719_LENA-M-DL_(CLU036)

Lamps: 1 x CLU036_(-1208C1-303M2G2)_1273.68lm@250mA_P=8.24W_I=0.25A

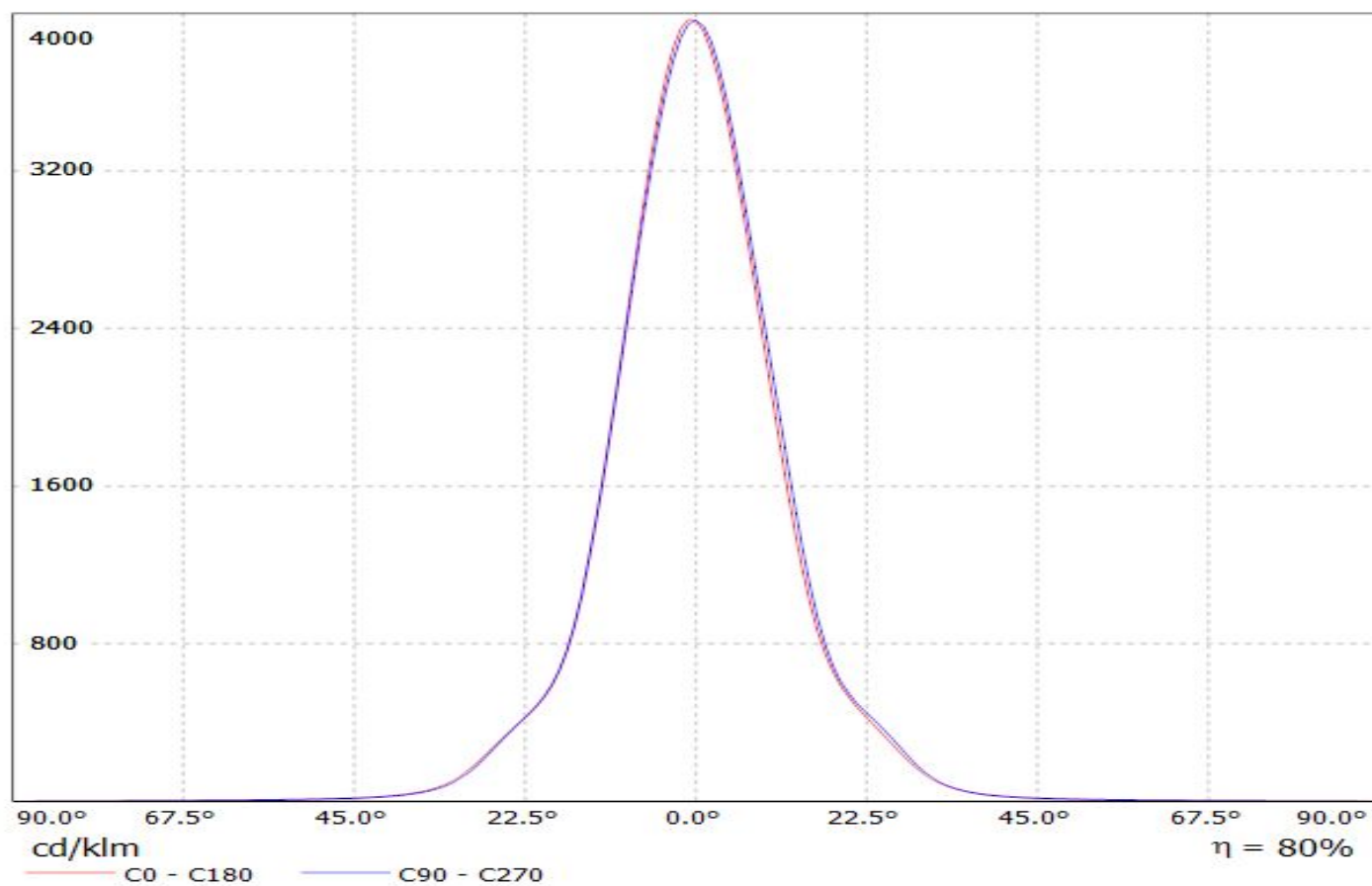


Luminaire: LEDiL Oy CN12719_LENA-M-DL_(ZC12) Eff.77.9%
Lamps: 1 x SEOUL_ZC12_(SDW82F1C)_1209.83lm@250mA_CCT=3000K_P=8.64658W_I=249.8mA

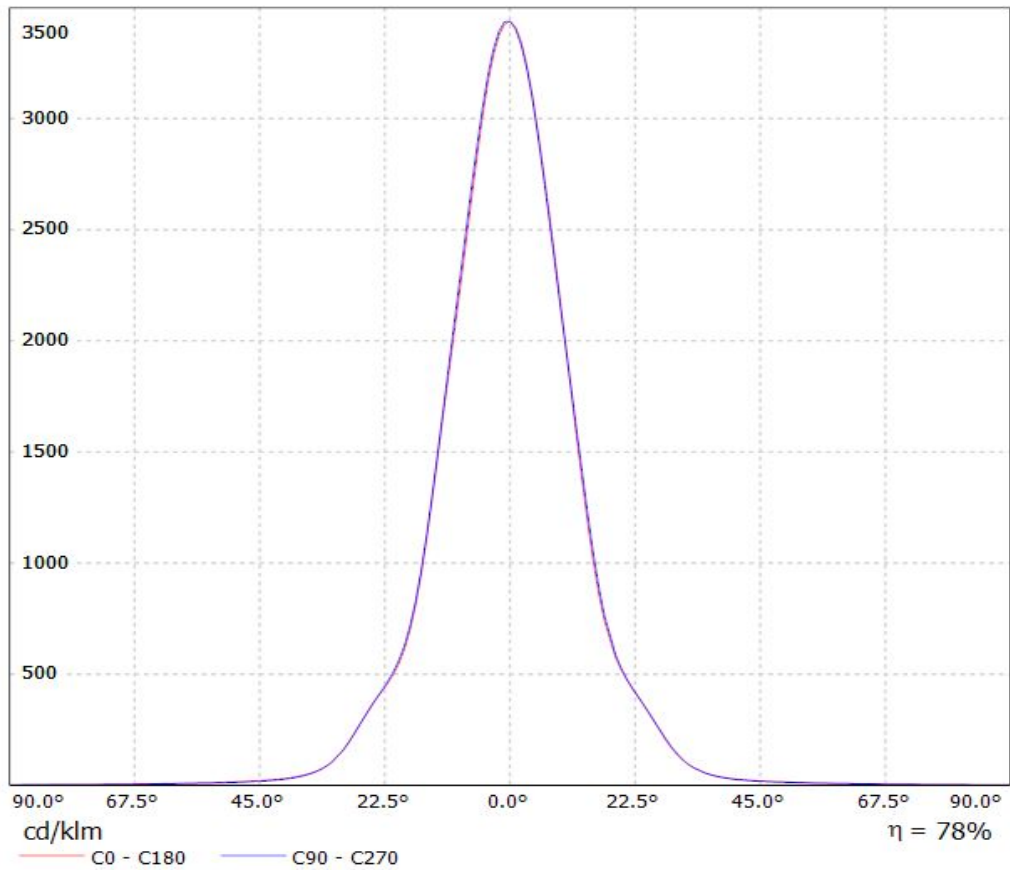


Luminaire: LEDiL Oy CN12719_LENA-M-DL_(SLE-G5_LES-15)

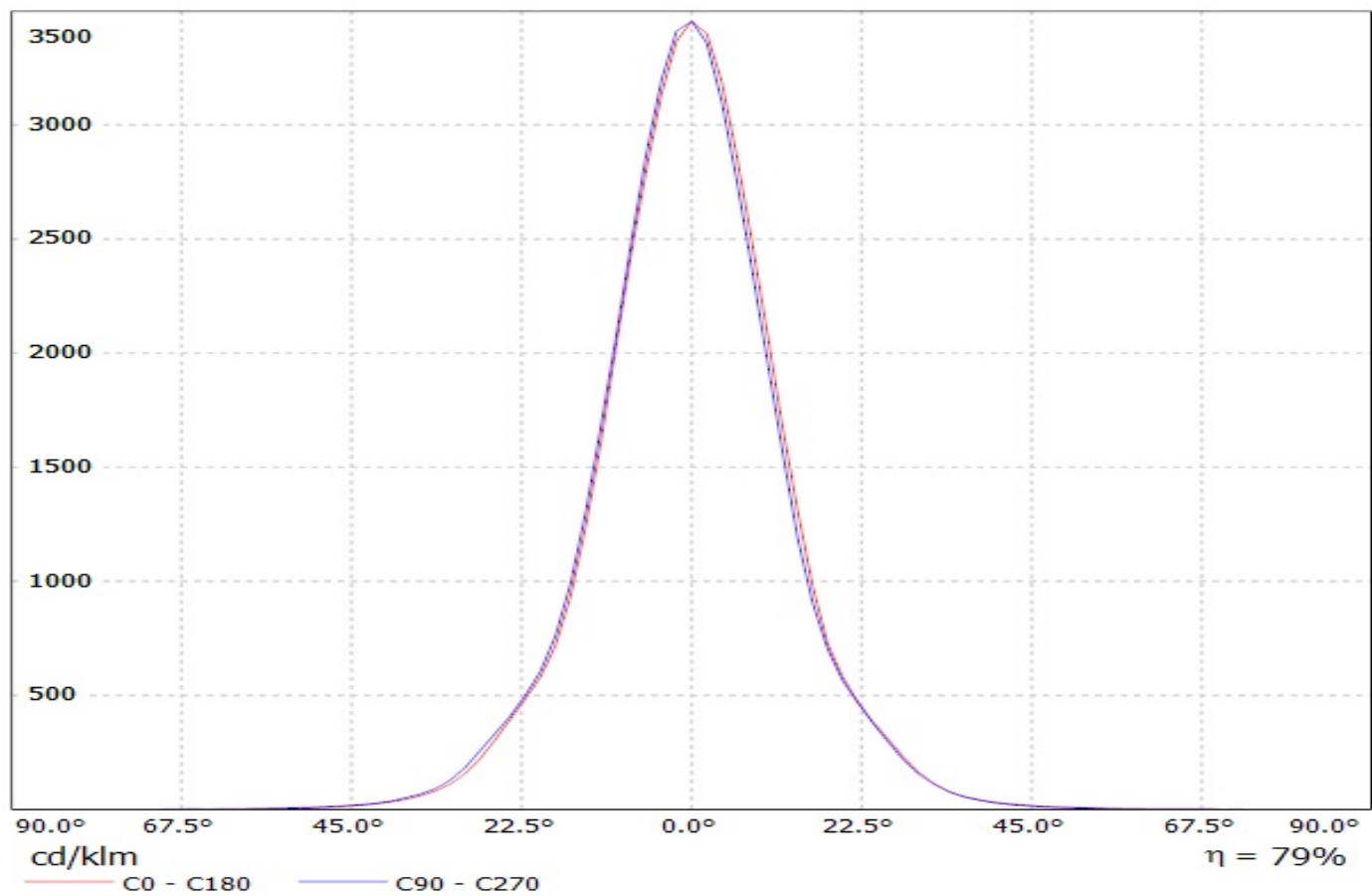
Lamps: 1 x Tridonic_SLE-G5_LES-15_1237.76lm@250mA_P=8.6698W_I=0.250A



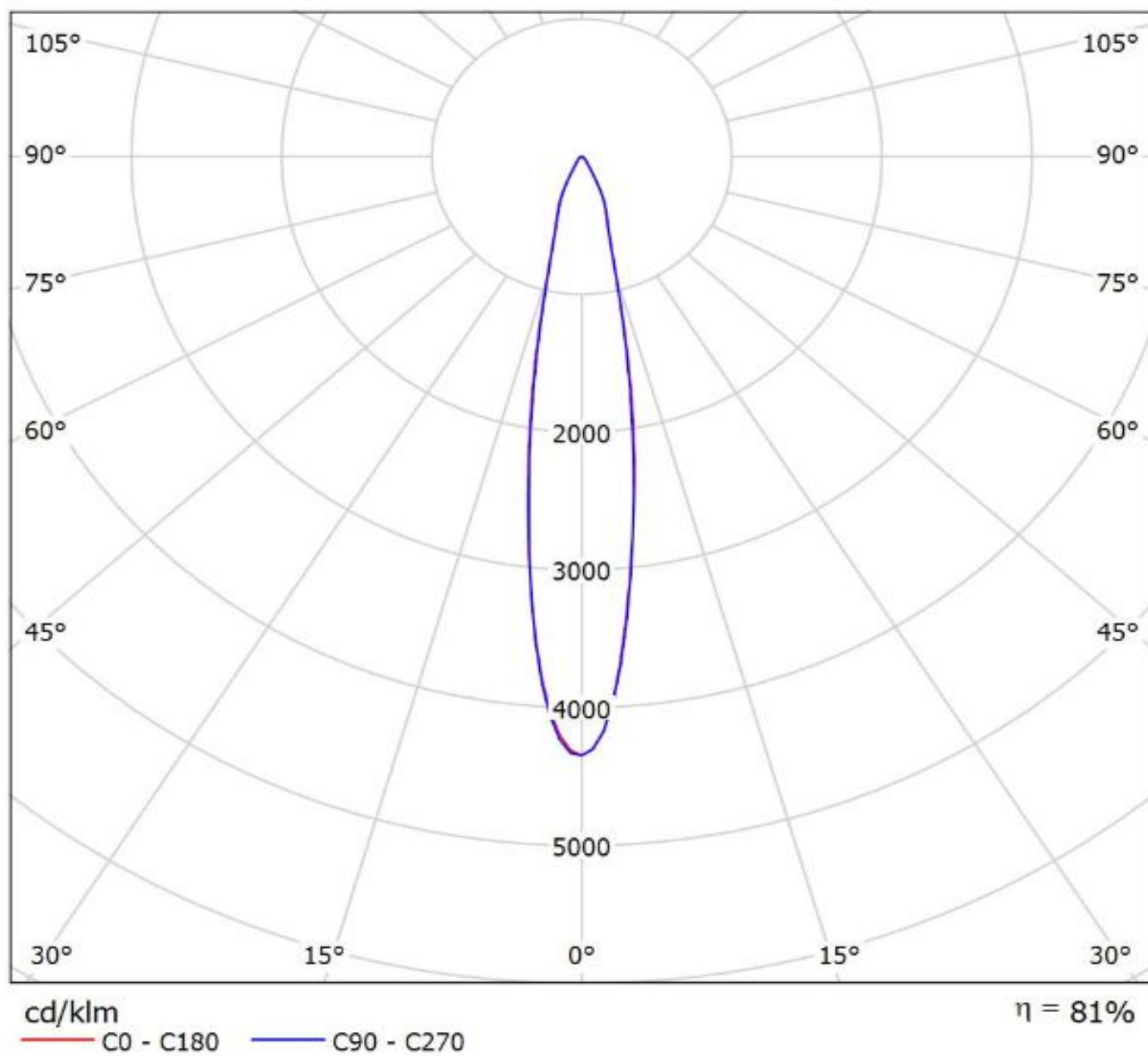
Luminaire: LEDiL Oy CN12719_LENA-M-DL_(SLE_G3_LES17) Eff.78.3%
Lamps: 1 x TRIDONIC_STARK_SLE_G3_LES17_(STARK-SLE-PURE_G3-17-2000-840-CLA)_1011.62lm@250mA_P=8.29243W_I=249.9mA



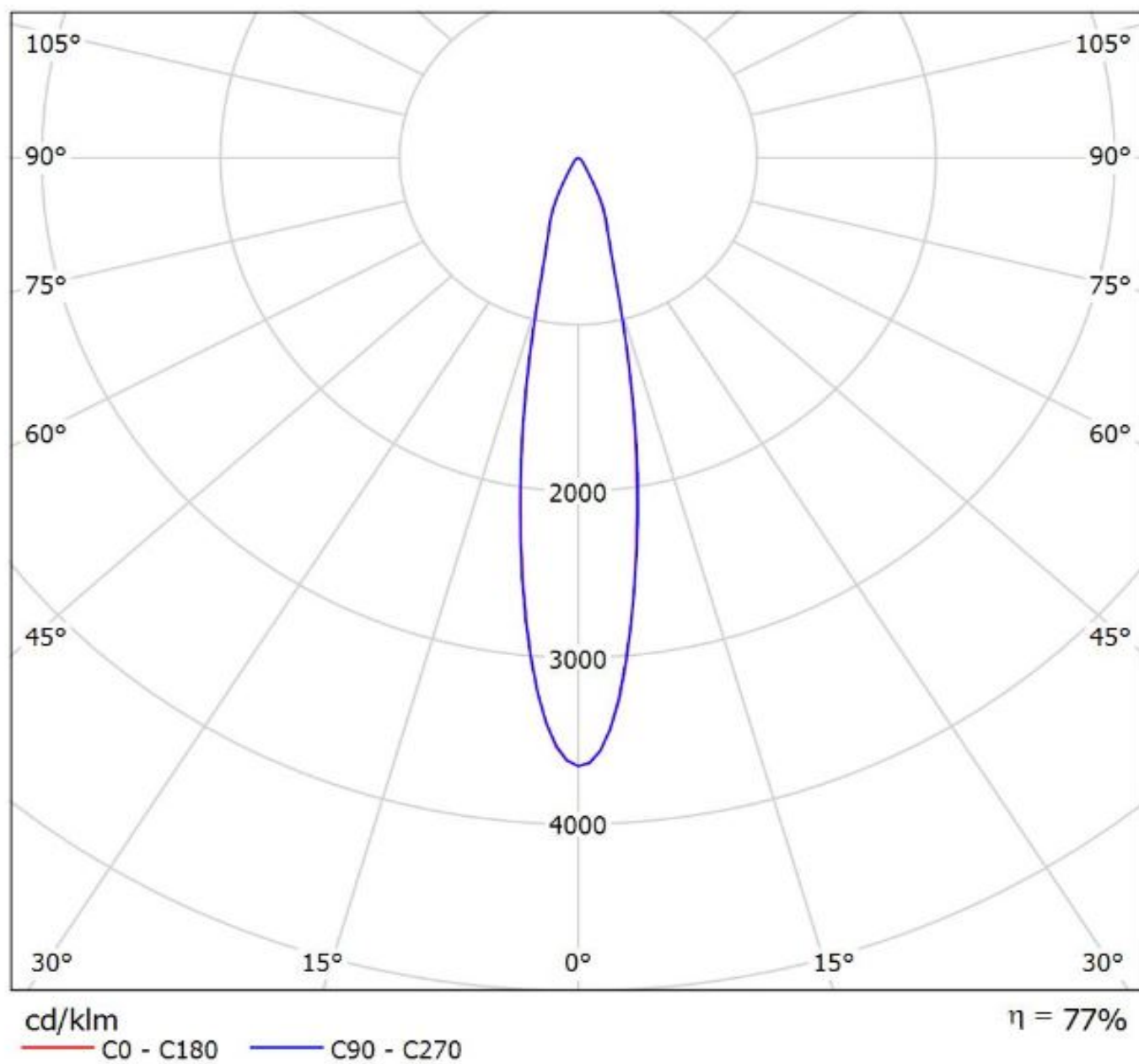
Luminaire: LEDil Oy CN12719_LENA-M-DL_(CXM-14)
Lamps: 1 x Luminus CXM-14 (1006.41lm @ 250mA) CCT=3100K P=8.5W I=250mA



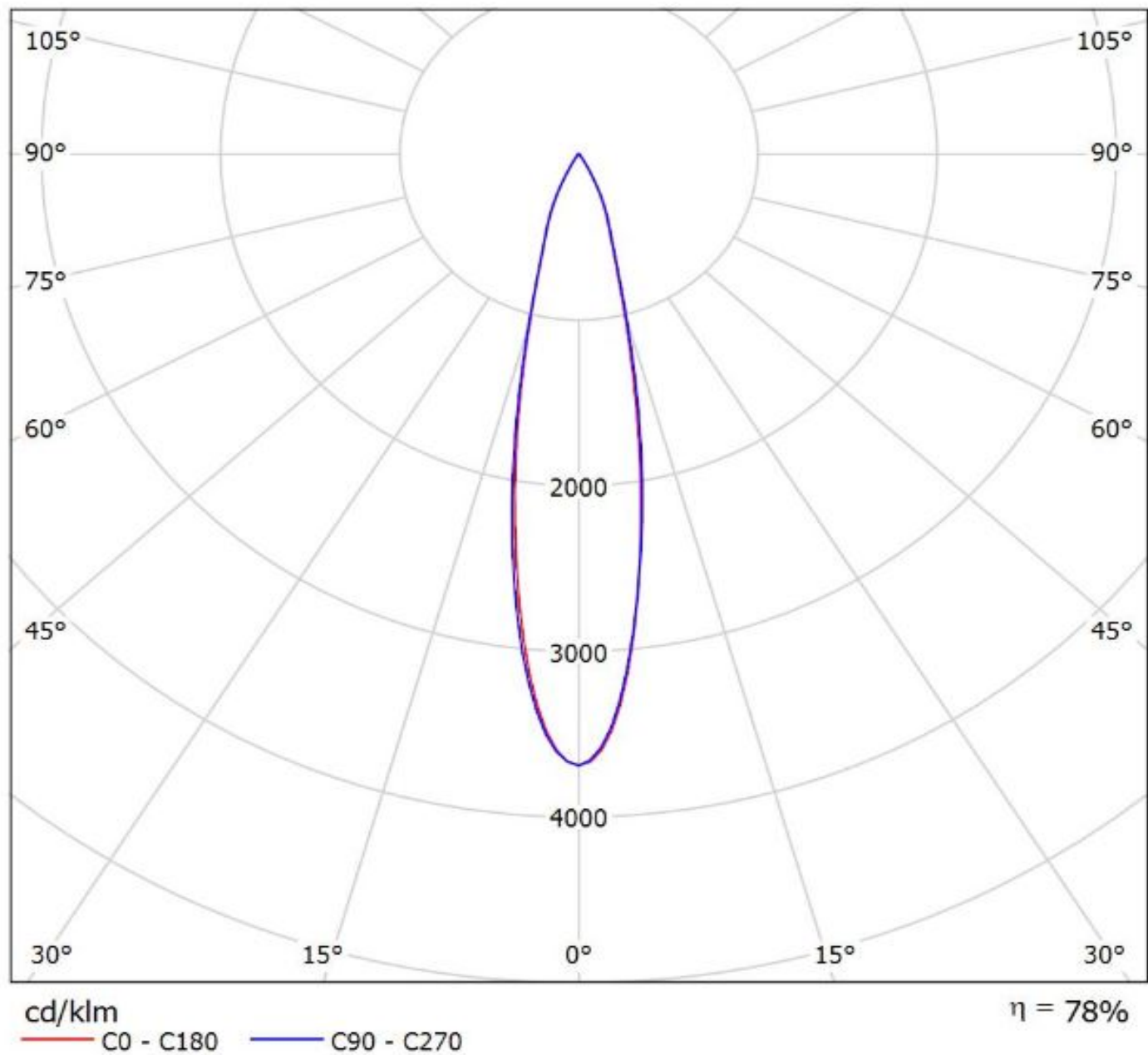
Luminaire: Ledil CN12719_LENA-M-DL_(CITIZEN_CLU710)
Lamps: 1 x CITIZEN_CLU710_(C12691_LENA-STD-BASE-CLL030)
_1194.84lm@250mA_P=8.35W_I=0.25A



Luminaire: Ledil CN12719_LENA-M-DL_(CLU720)
Lamps: 1 x CITIZEN_CLU720_(CLU720-1206B8-273M2)
_1312.67lm@250mA_CCT=2700K_P=8.35W_I=0.25A

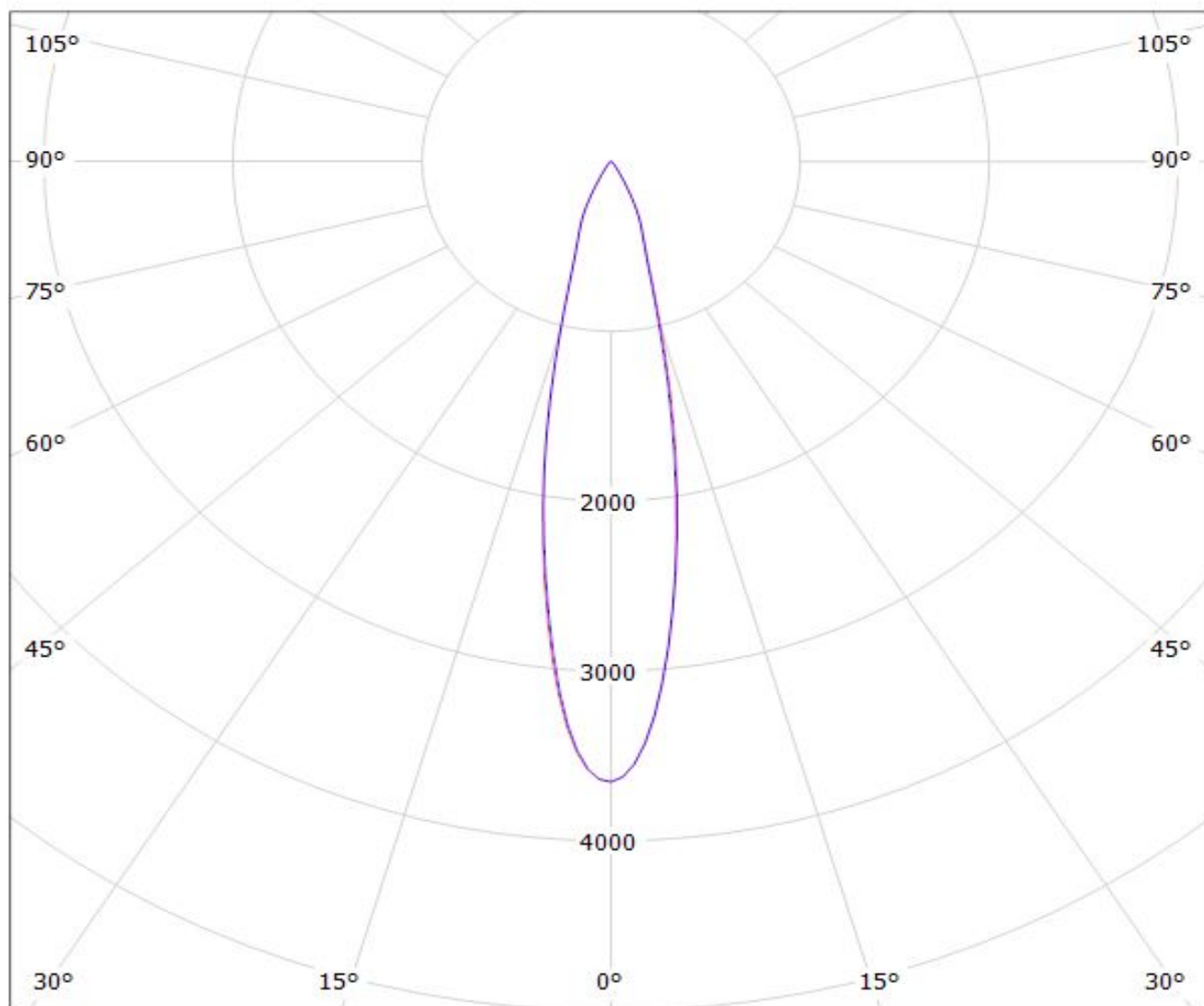


Luminaire: Ledil CN12719_LENA-M-DL_(CLU036)
Lamps: 1 x CLU036_(-1208C1-303M2G2)_1273.68lm@250mA_P=8.24W_I=0.25A



Luminaire: LEDiL Oy CN12719_LENA-M-DL_(ZC12) Eff.77.9%

Lamps: 1 x SEOUL_ZC12_(SDW82F1C)_1209.83lm@250mA_CCT=3000K_P=8.64658W_I=249.8mA



cd/klm

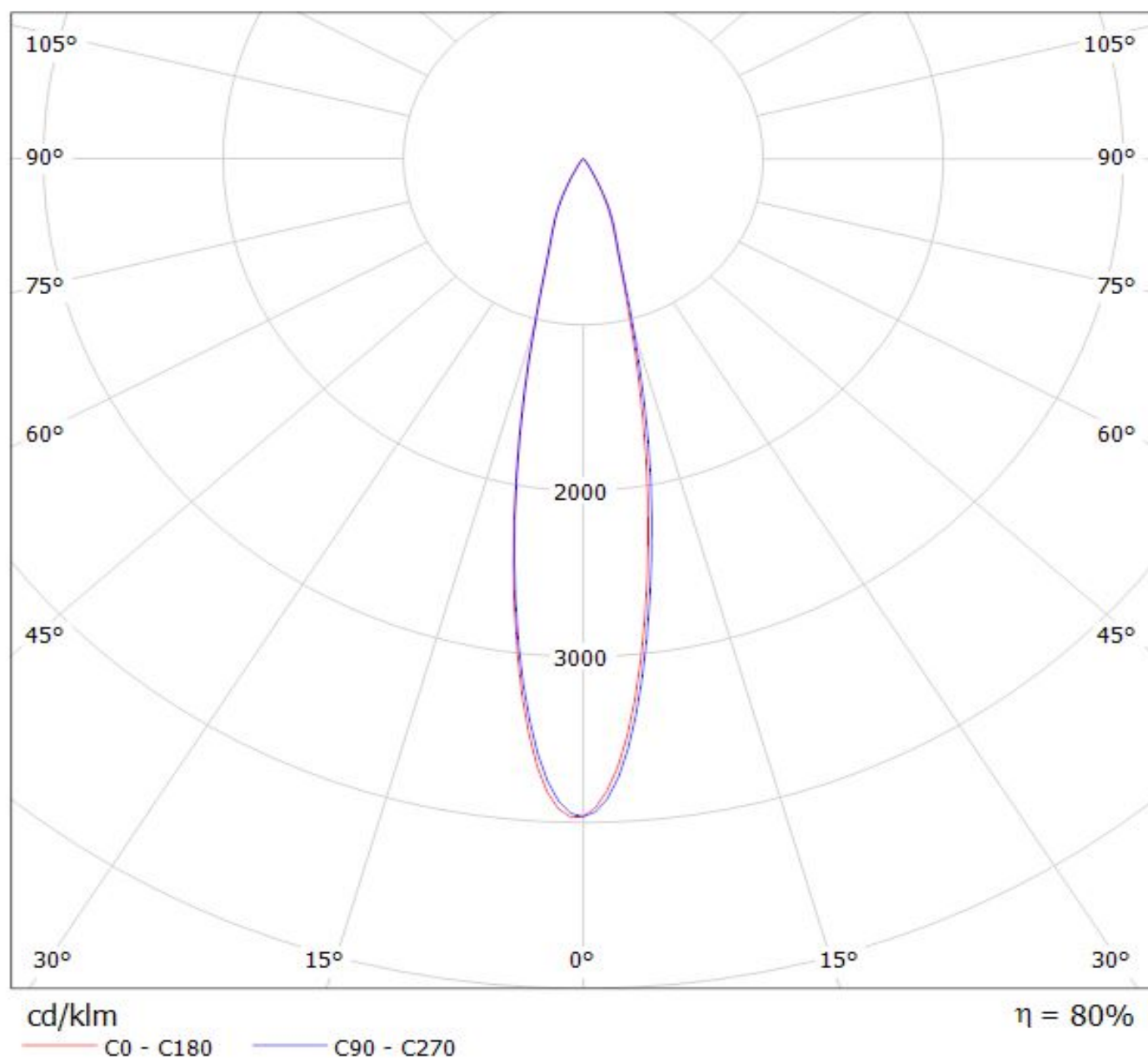
C0 - C180

C90 - C270

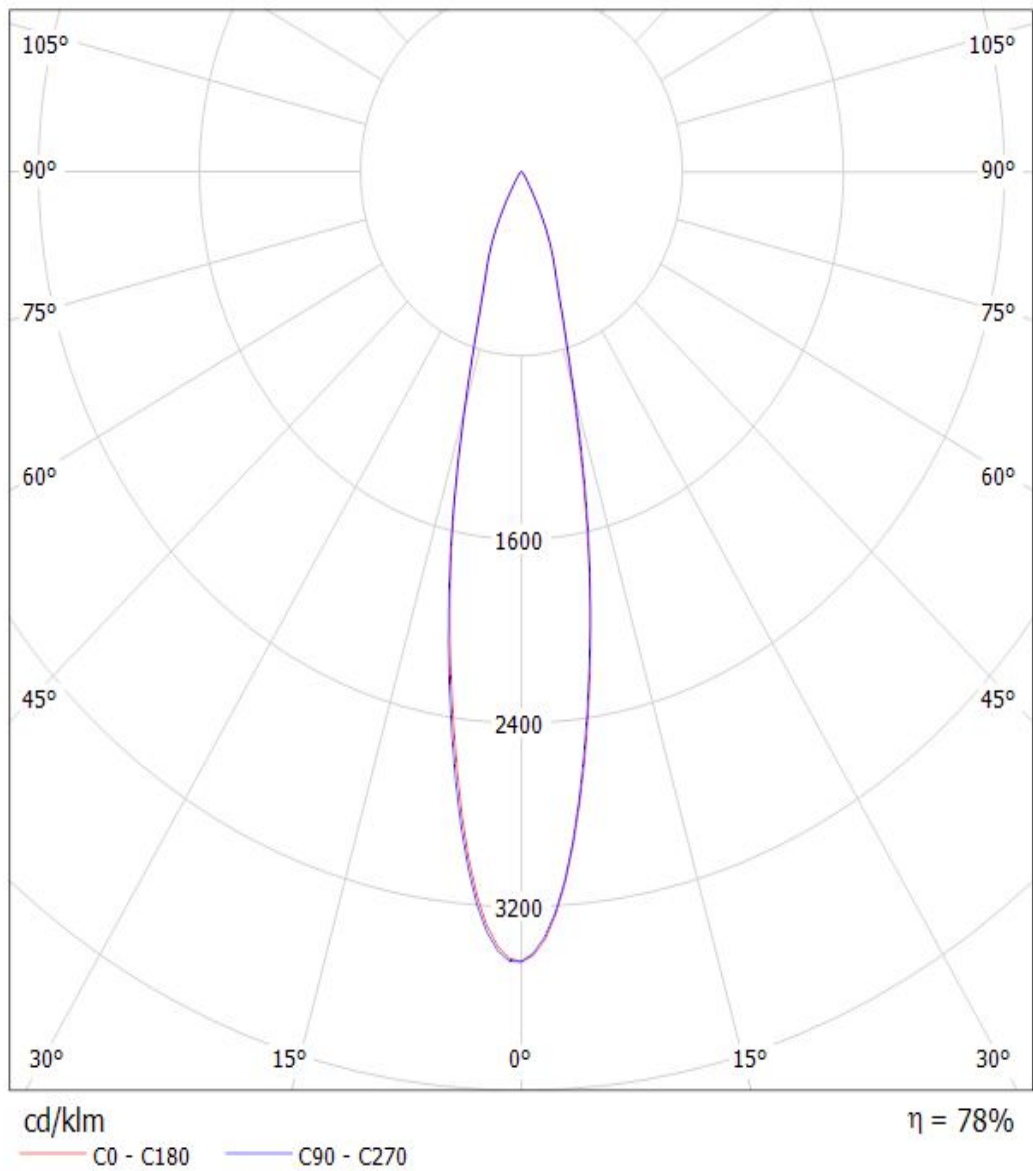
$\eta = 78\%$

Luminaire: LEDiL Oy CN12719_LENA-M-DL_(SLE-G5_LES-15)

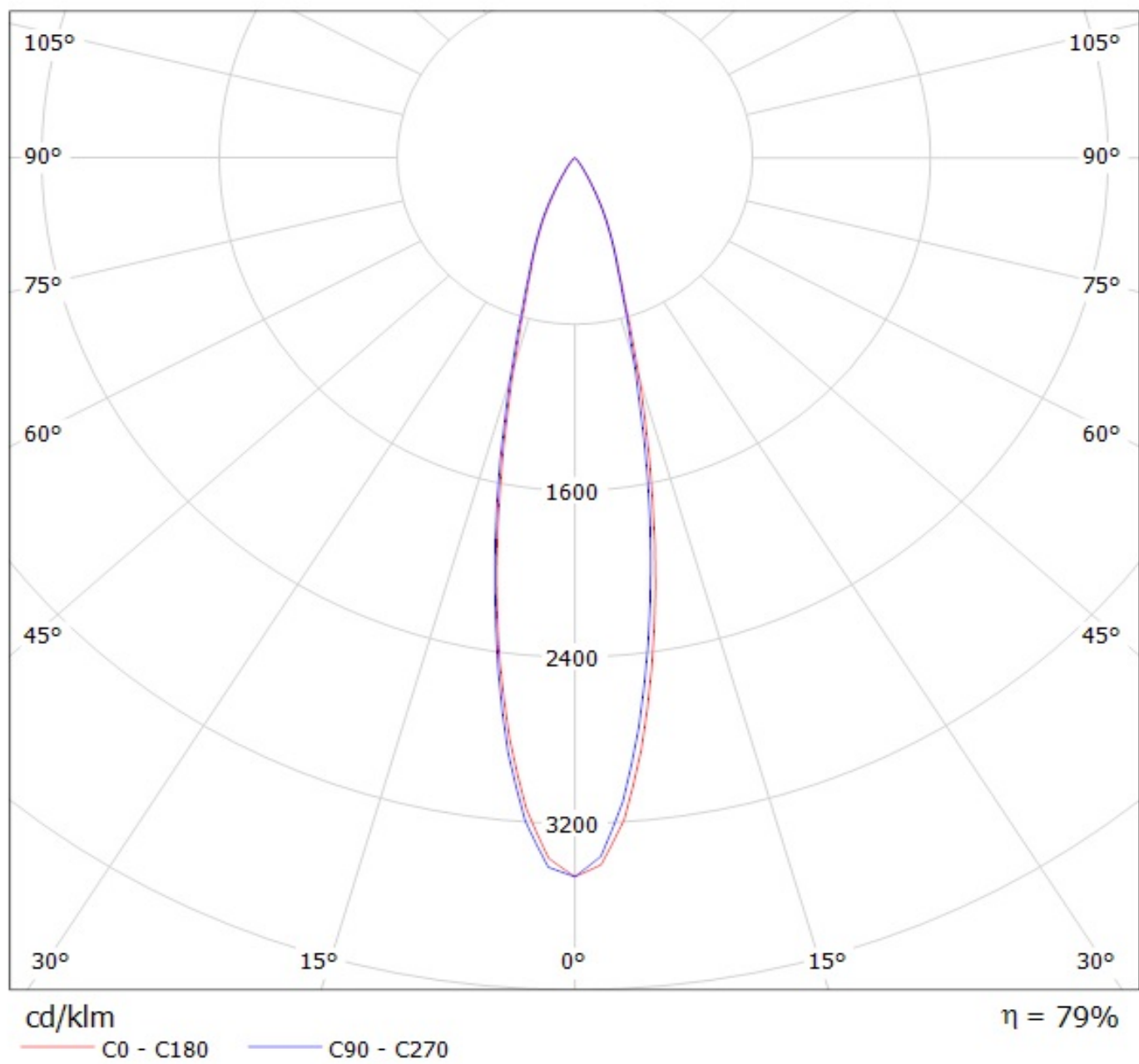
Lamps: 1 x Tridonic_SLE-G5_LES-15_1237.76lm@250mA_P=8.6698W_I=0.250A



Luminaire: LEDiL Oy CN12719_LENA-M-DL_(SLE_G3_LES17) Eff.78.3%
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



Luminaire: LEDil Oy CN12719_LENA-M-DL_(CXM-14)
Lamps: 1 x Luminus CXM-14 (1006.41lm @ 250mA) CCT=3100K P=8.5W 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.

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.