

DETAILS

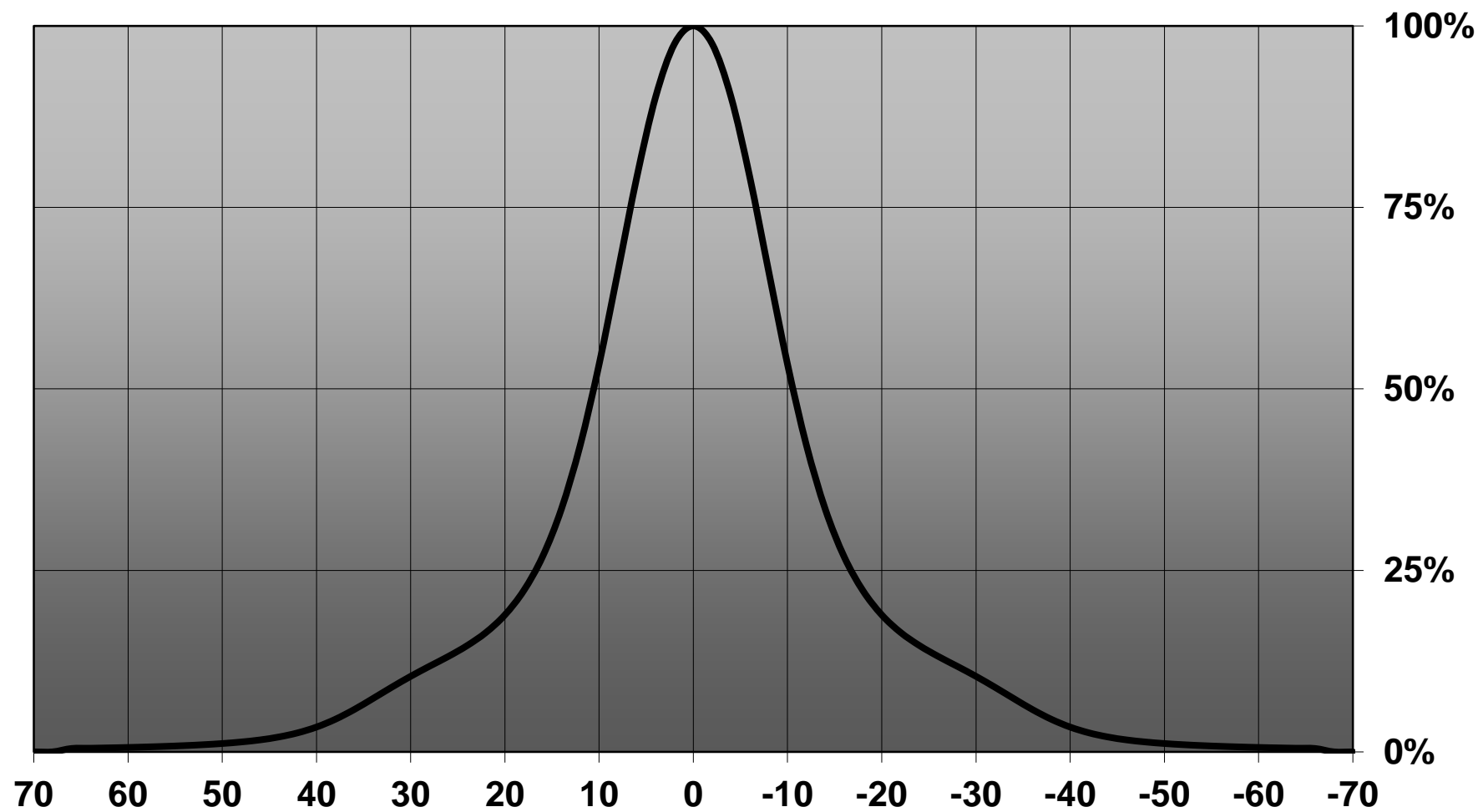
Product Number	CN12703_LENINA-S-DL
Family	Lenina
Type	RefPack
Color	metal
Diameter	74 mm
Height	47,5 mm
Style	round
Optic Material	PC
Holder Material	PC
Fastening	screw
Status	production ready
ROHS Compliant	Yes
Date Updated	18/02/2015

OPTICAL PROPERTIES

LED	Viewing Angle	Light Beam	Effi- ciency	cd/lm	Connector
CLU710	12 deg	Spot	89 %	7.400	-
CLU720	13 deg	Spot	84 %	5.800	-
ZC12/18	16 deg	Spot	85 %	4.530	-
SLE G5 LES15	16 deg	Spot	89 %	5.000	LEDiL: LEDiL
CLL03x/CLU03x	17 deg	Spot	87 %	4.500	-
CXM-14	17 deg	Spot	88 %	4.900	LEDiL: LEDiL
STARK SLE PURE G3 LES17	18 deg	Spot	86 %	4.020	-



Relative intensity of CN12703_LENINA-S-DL



D C B A

4

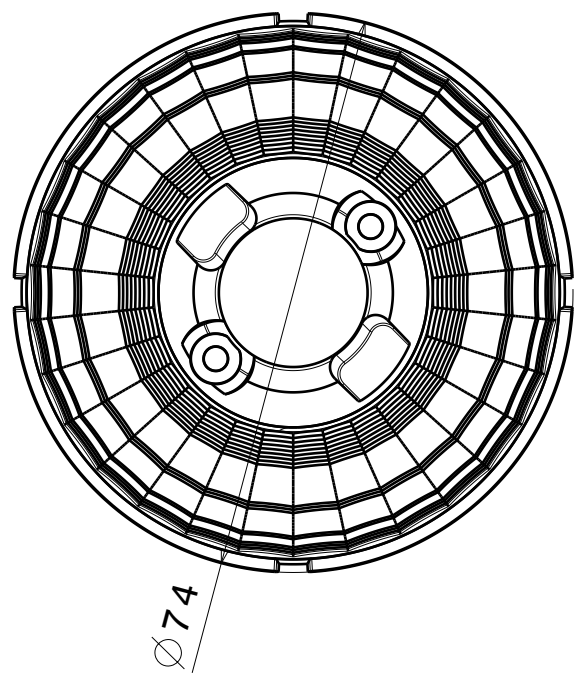
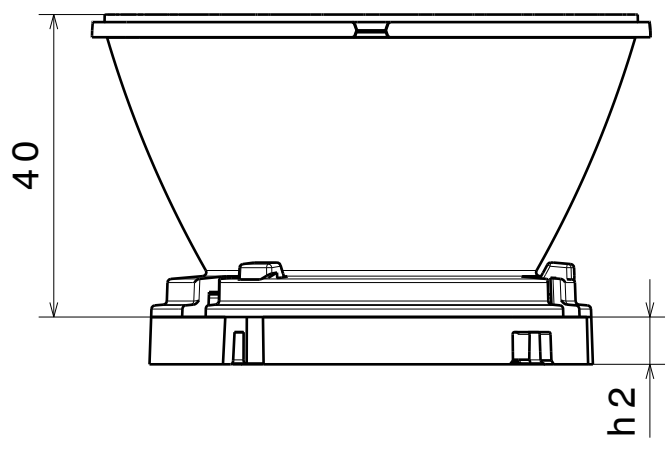
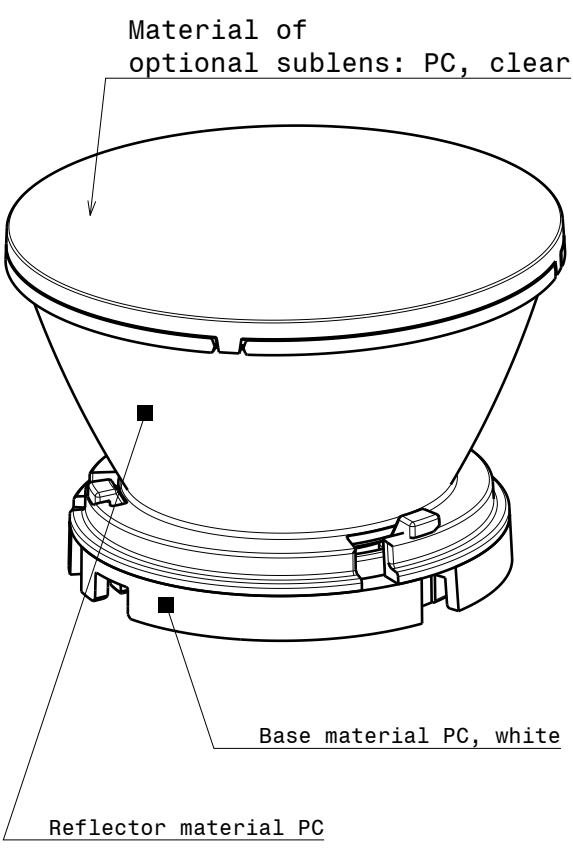
4

3

3

2

2



NOTE:

Using optional sublens, add 2.1mm to the system height

Dimension 'h2' varies from 4.5mm to 7mm depending on the LED specific base part

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Ledil Oy
Salorankatu 10
FIN-24240 SALO
Finland

DRAWING TITLE

Datasheet Lenina series

DRAWN BY ks	DATE 23.04.2014
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CHECKED BY	DATE
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SIZE A4	DRAWING NUMBER --	REV 1
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DESIGNED BY pl	DATE 08.03.2012
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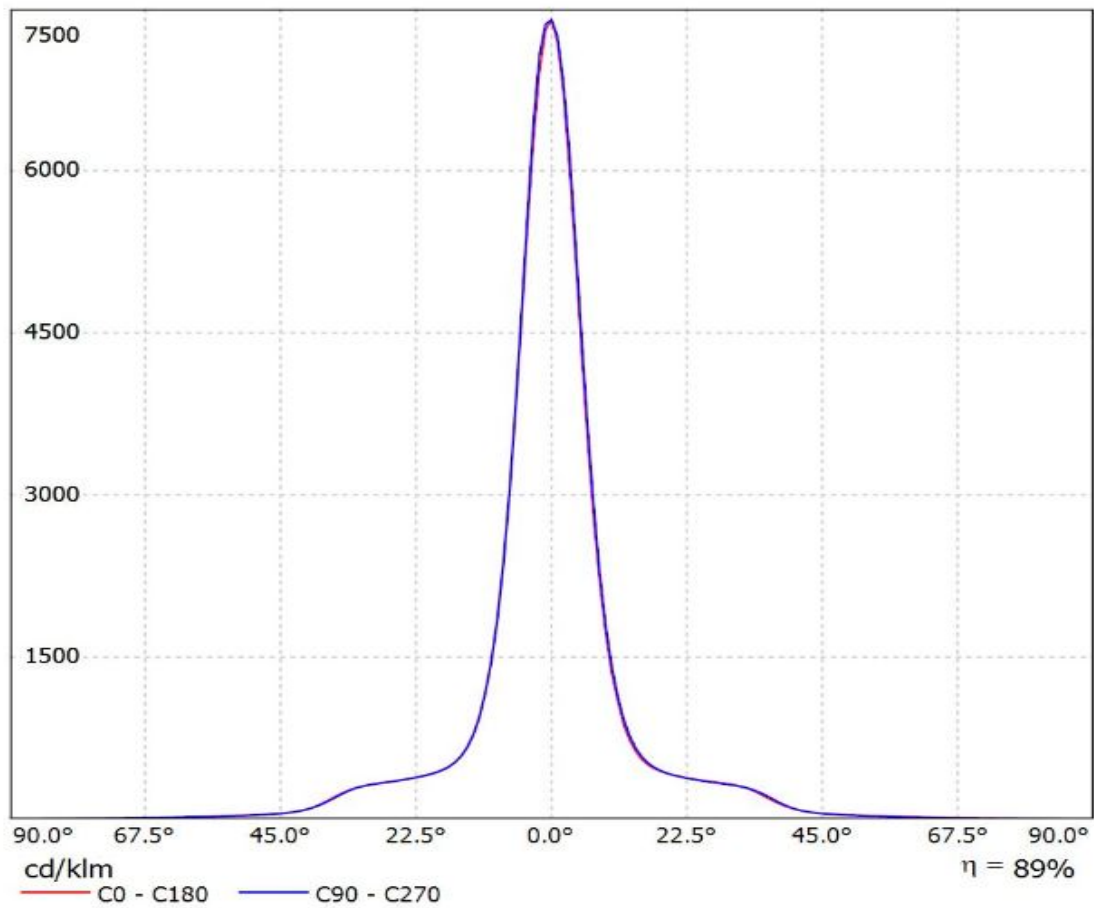
SCALE 1:1	WEIGHT (g)	SHEET 1 / 1
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1

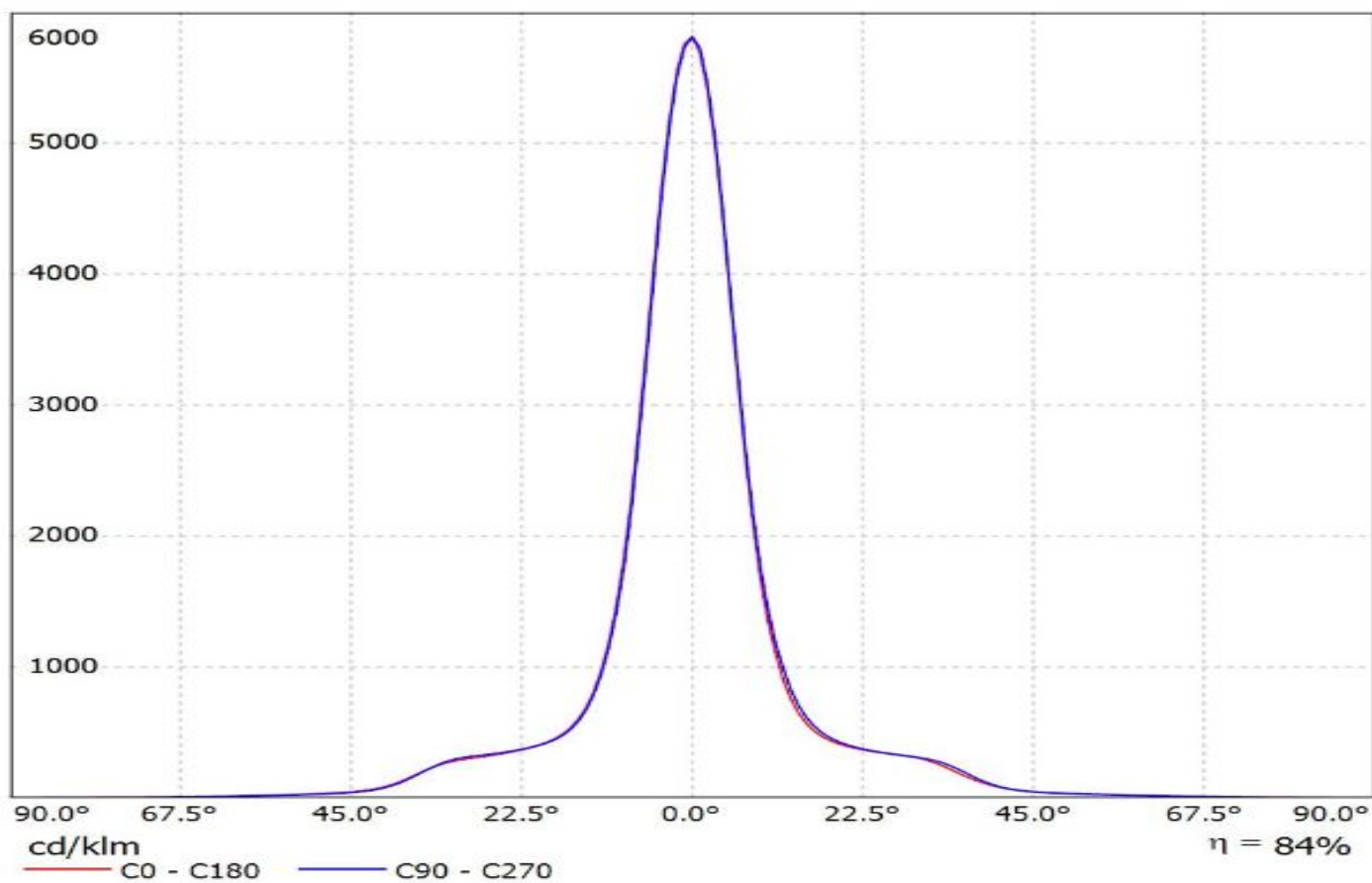
1

D A

Luminaire: Ledil CN12703_LENINA-S-DL_(CLU710)
Lamps: 1 x CITIZEN_CLU710_(CLU710-1204B8-273M2G1)+C12691_LENINA-STD-BASE-CLL030_1154.75lm@250mA_P=8.5W_I=0.25A

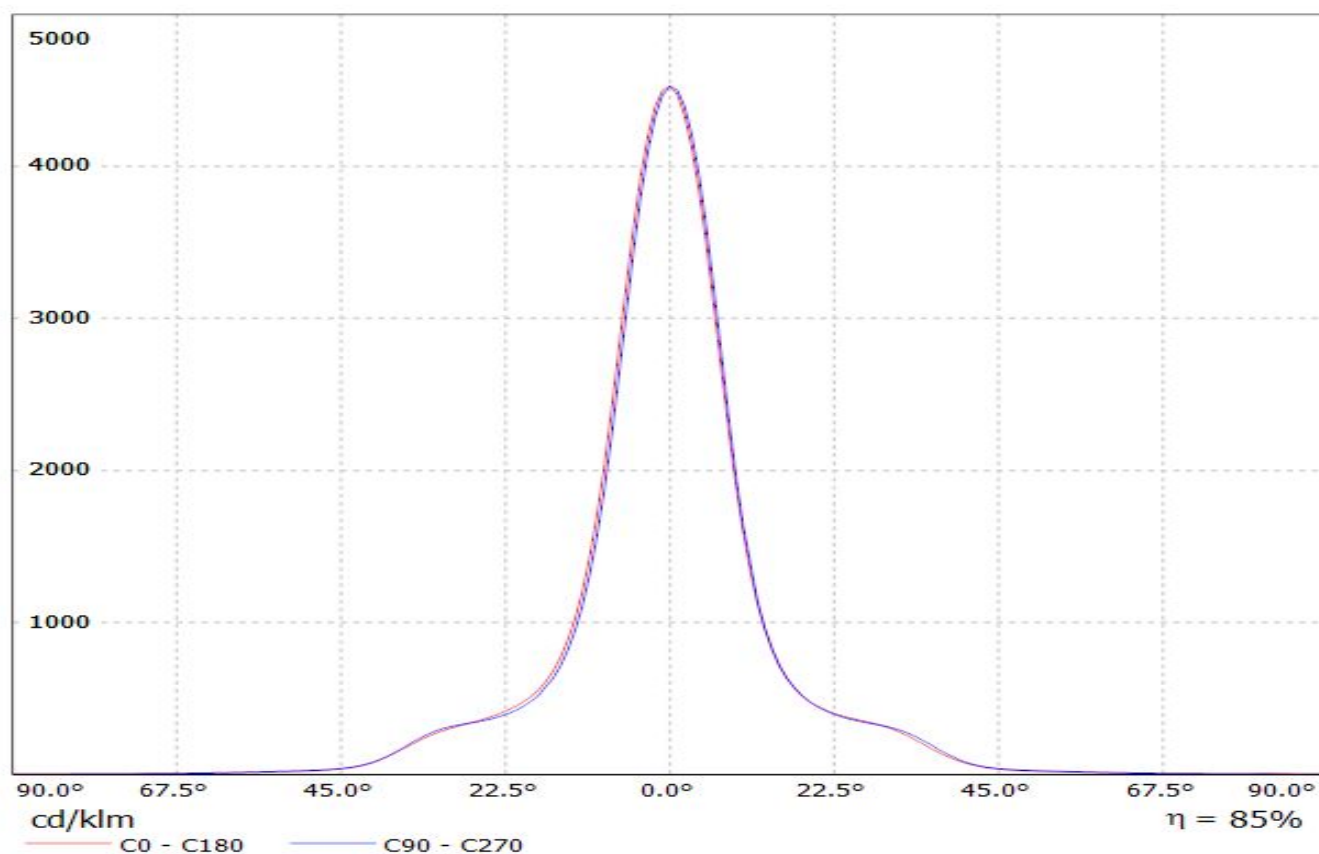


Luminaire: Ledil CN12703_LENINA-S-DL_(CLU720)
Lamps: 1 x CITIZEN_CLU720_(CLU720-1206B8-273M2)
_1312.67lm@250mA_CCT=2700K_P=8.35W_I=0.25A

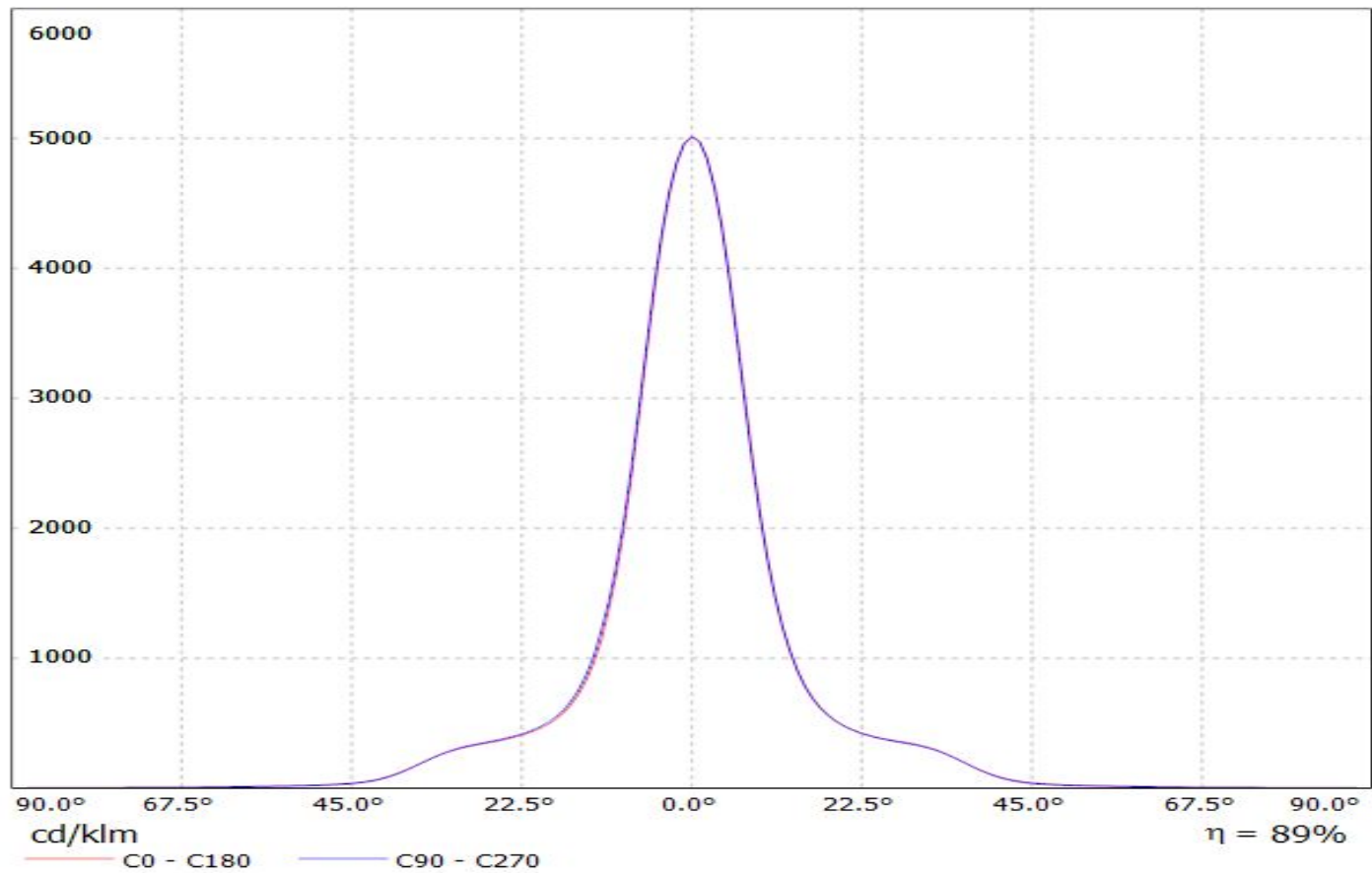


Luminaire: LEDiL Oy CN12703_LENINA-S-DL_(ZC12) Eff.85.4%

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

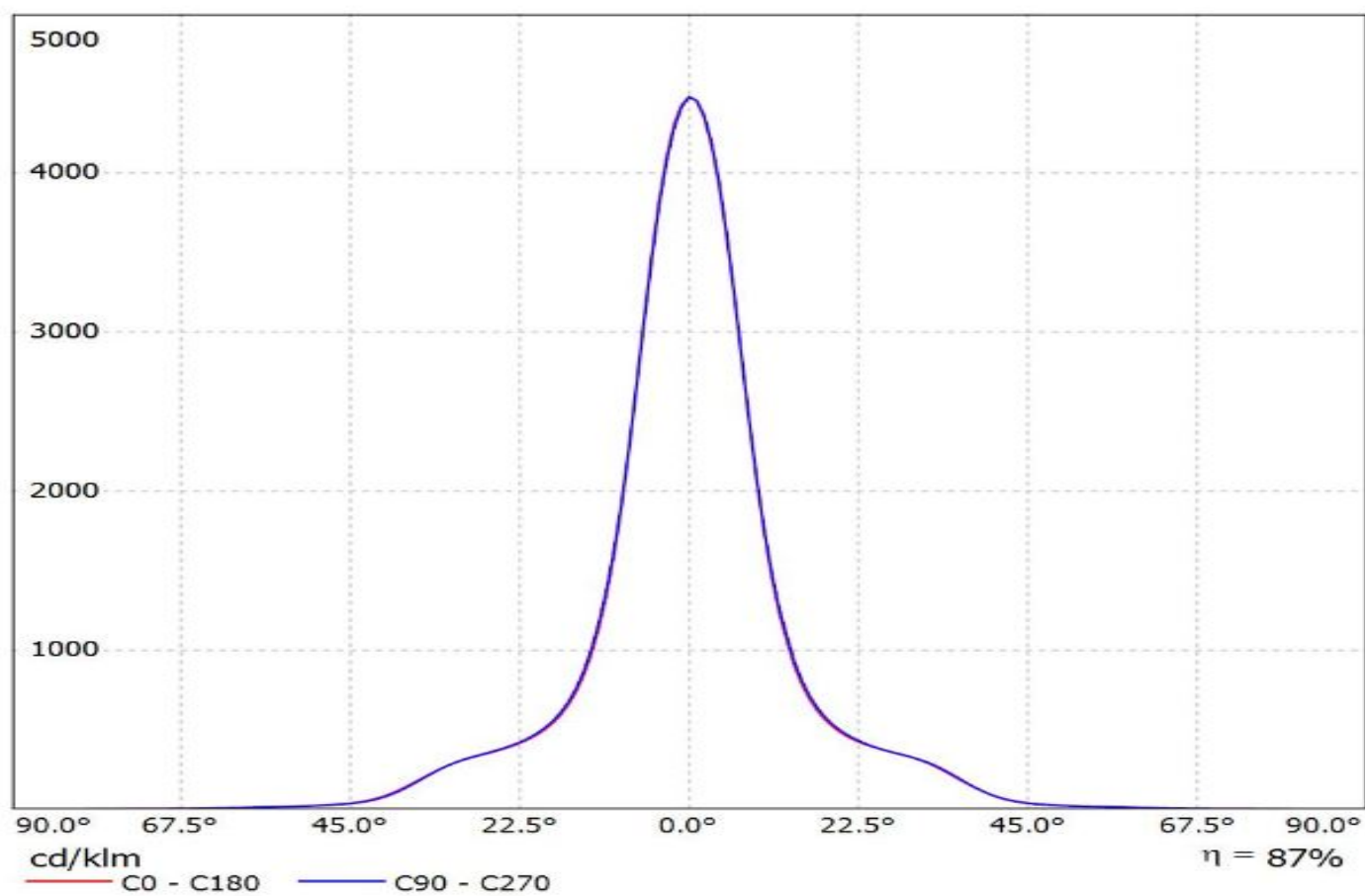


Luminaire: LEDiL Oy CN12703_LENINA-S-DL_(SLE-G5_LES-15)
Lamps: 1 x Tridonic_SLE-G5_LES-15_1237.18lm@250mA_P=8.6903W_I=0.250A

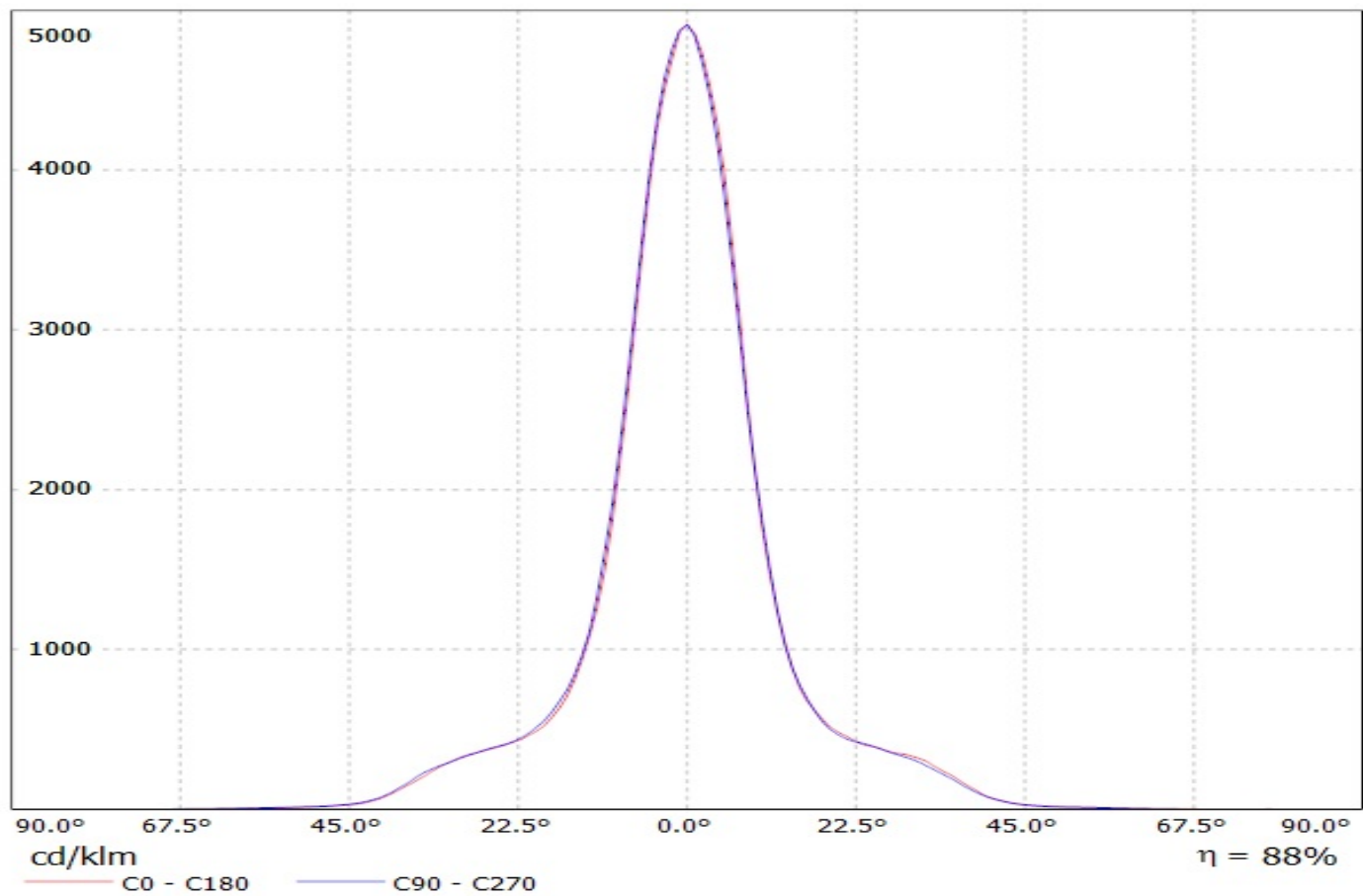


Luminaire: Ledil CN12703_LENINA-S-DL_(CLU036)

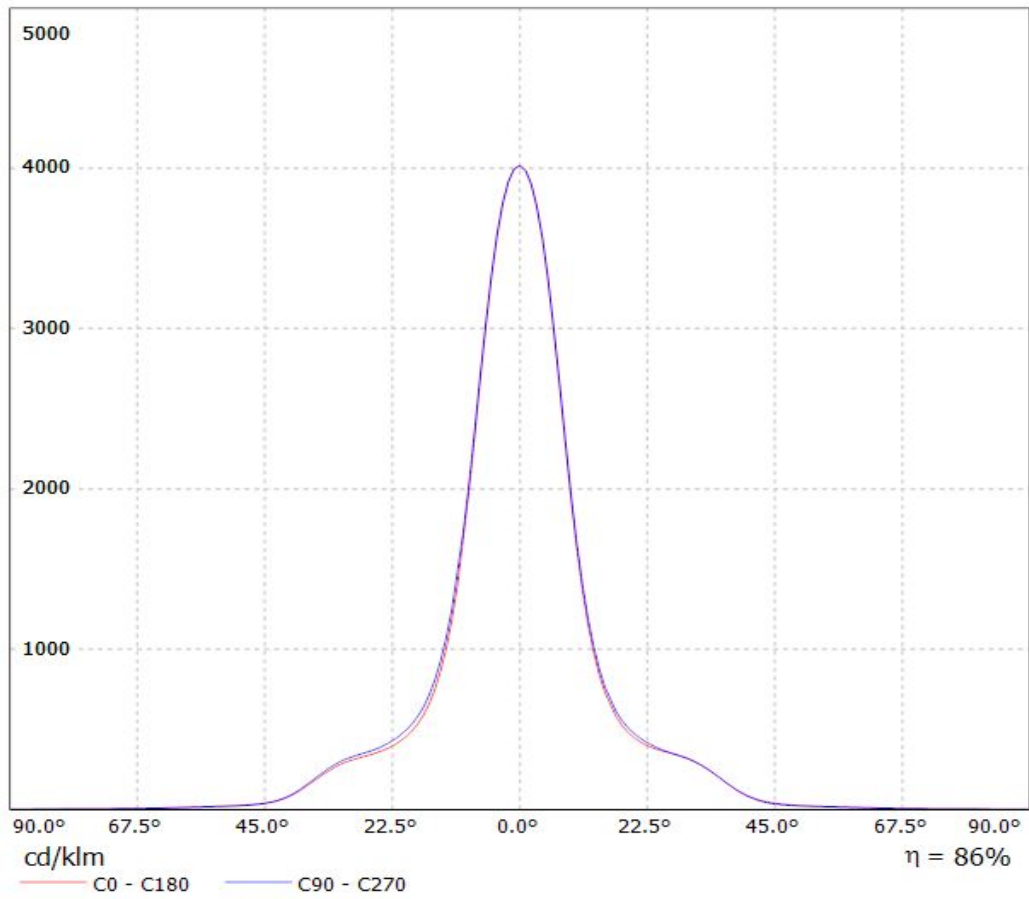
Lamps: 1 x CLU036_(-1208C1-303M2G2)_1273.68lm@250mA_P=8.24W_I=0.25A



Luminaire: LEDil Oy CN12703_LENINA-S-DL_(CXM-14)
Lamps: 1 x Luminus CXM-14 (1006.41lm @ 250mA) CCT=3100K P=8.5W I=250mA

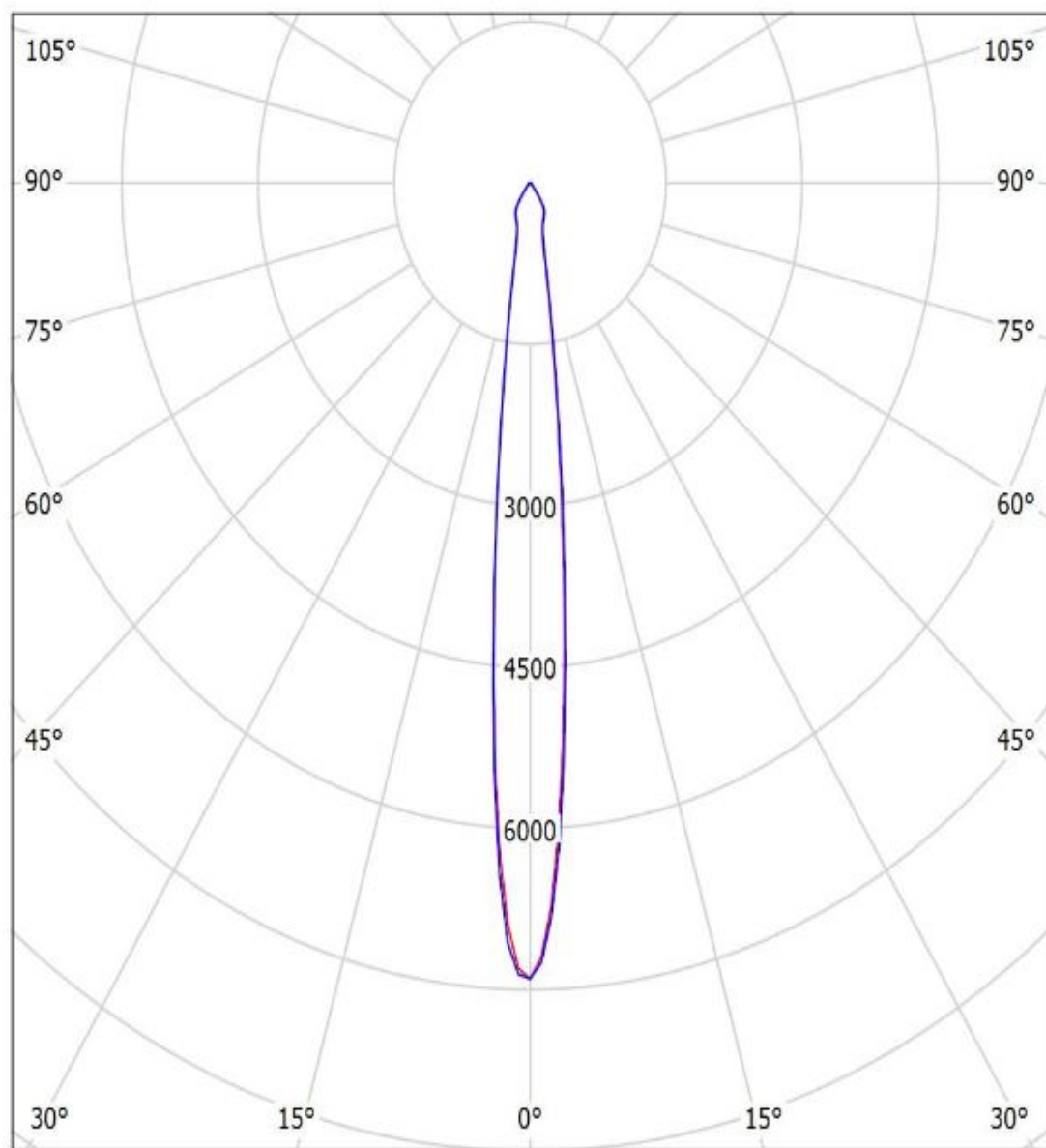


Luminaire: LEDiL Oy CN12703_LENINA-S-DL_(SLE_G3_LES17) Eff.85.8%
Lamps: 1 x TRIDONIC_STARK_SLE_G3_LES17_(STARK-SLE-PURE_G3-17-2000-840-CLA)_1011.62lm@250mA_P=8.29243W_I=249.9mA



Luminaire: Ledil CN12703_LENINA-S-DL_(CLU710)

Lamps: 1 x CITIZEN_CLU710_(CLU710-1204B8-273M2G1)+C12691_LENINA-STD-BASE-CLL030_1154.75lm@250mA_P=8.5W_I=0.25A

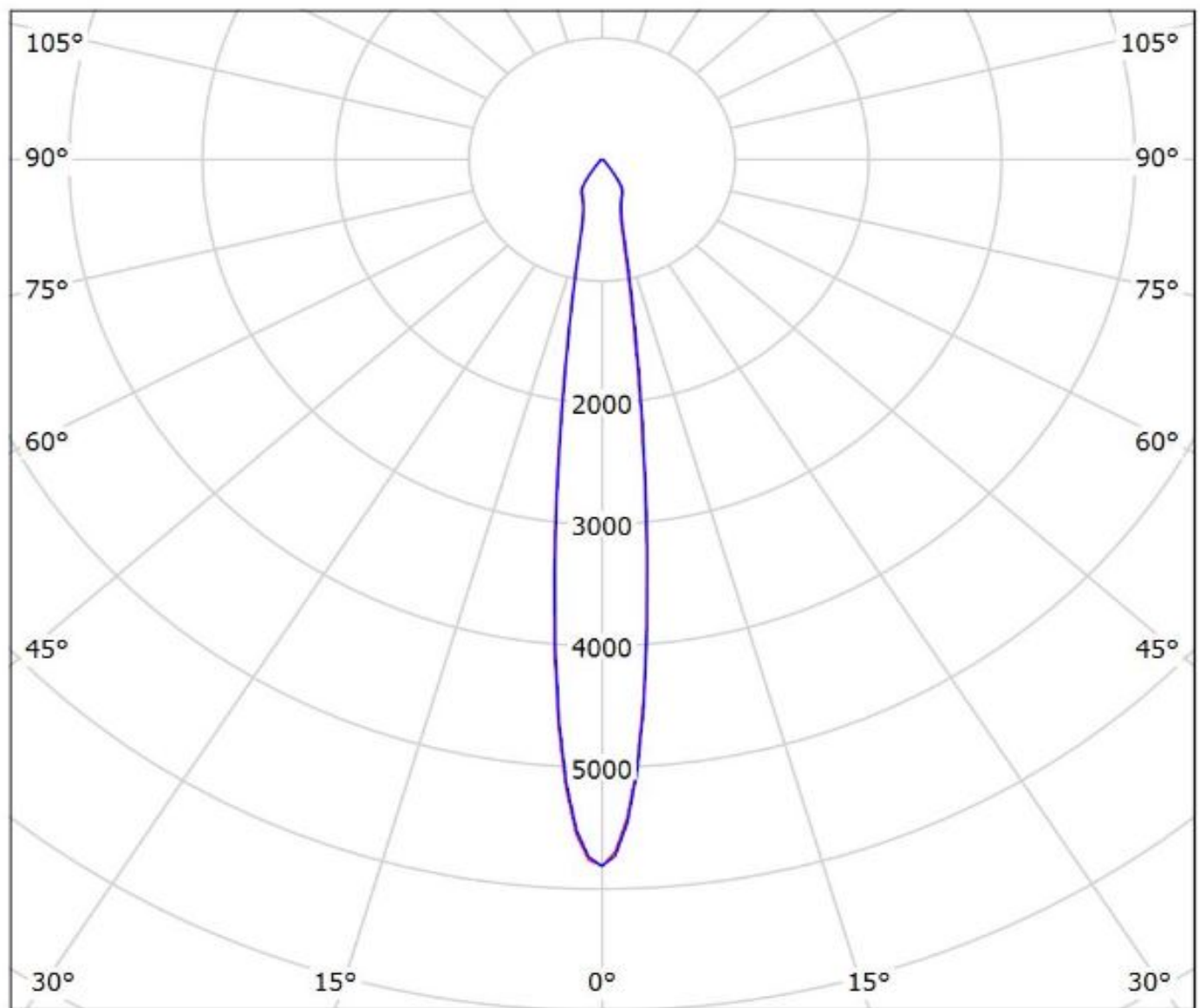


cd/klm

— C0 - C180 — C90 - C270

$\eta = 89\%$

Luminaire: Ledil CN12703_LENINA-S-DL_(CLU720)
Lamps: 1 x CITIZEN_CLU720_(CLU720-1206B8-273M2)
_1312.67lm@250mA_CCT=2700K_P=8.35W_I=0.25A

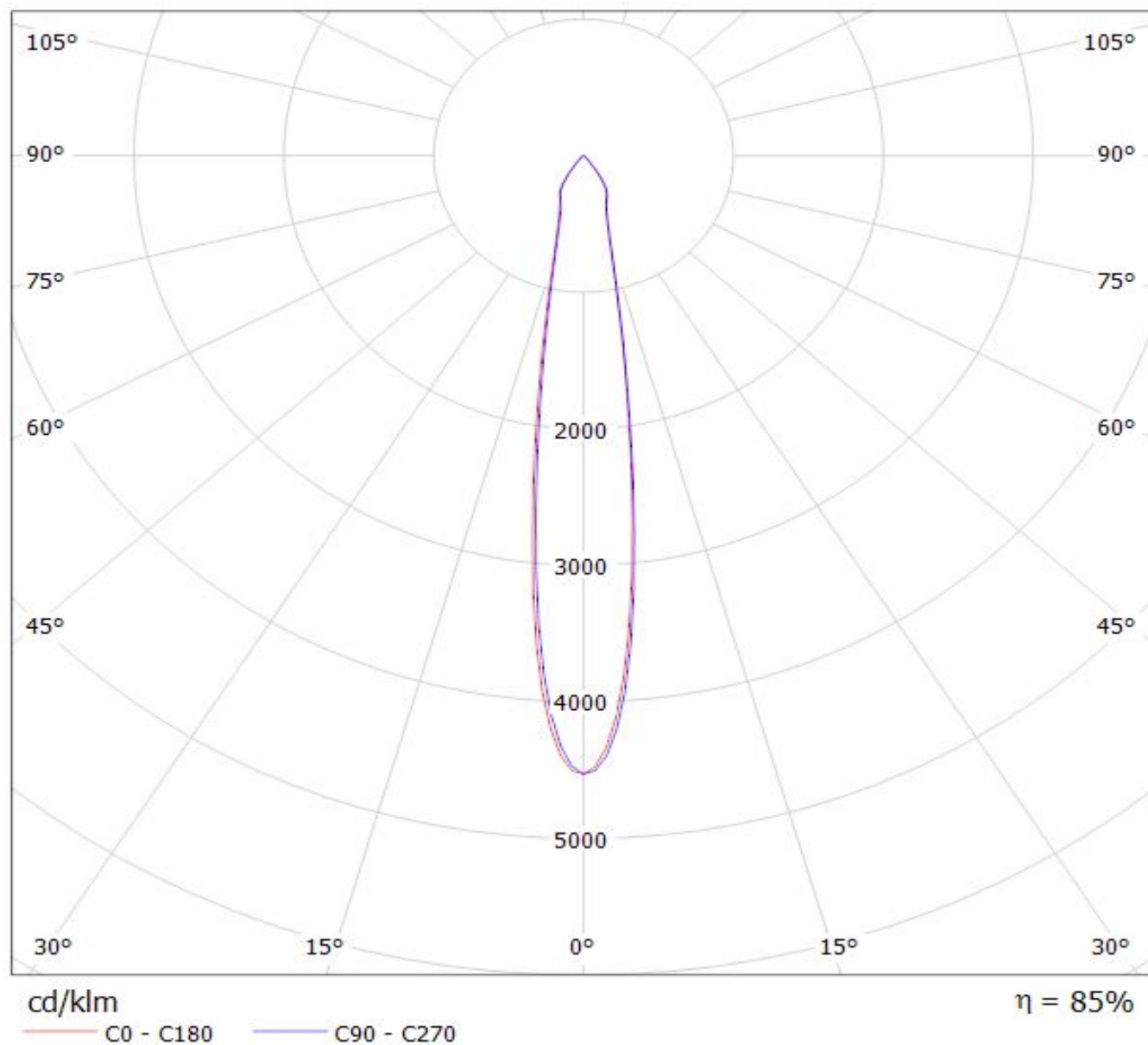


cd/klm
— C0 - C180 — C90 - C270

$\eta = 84\%$

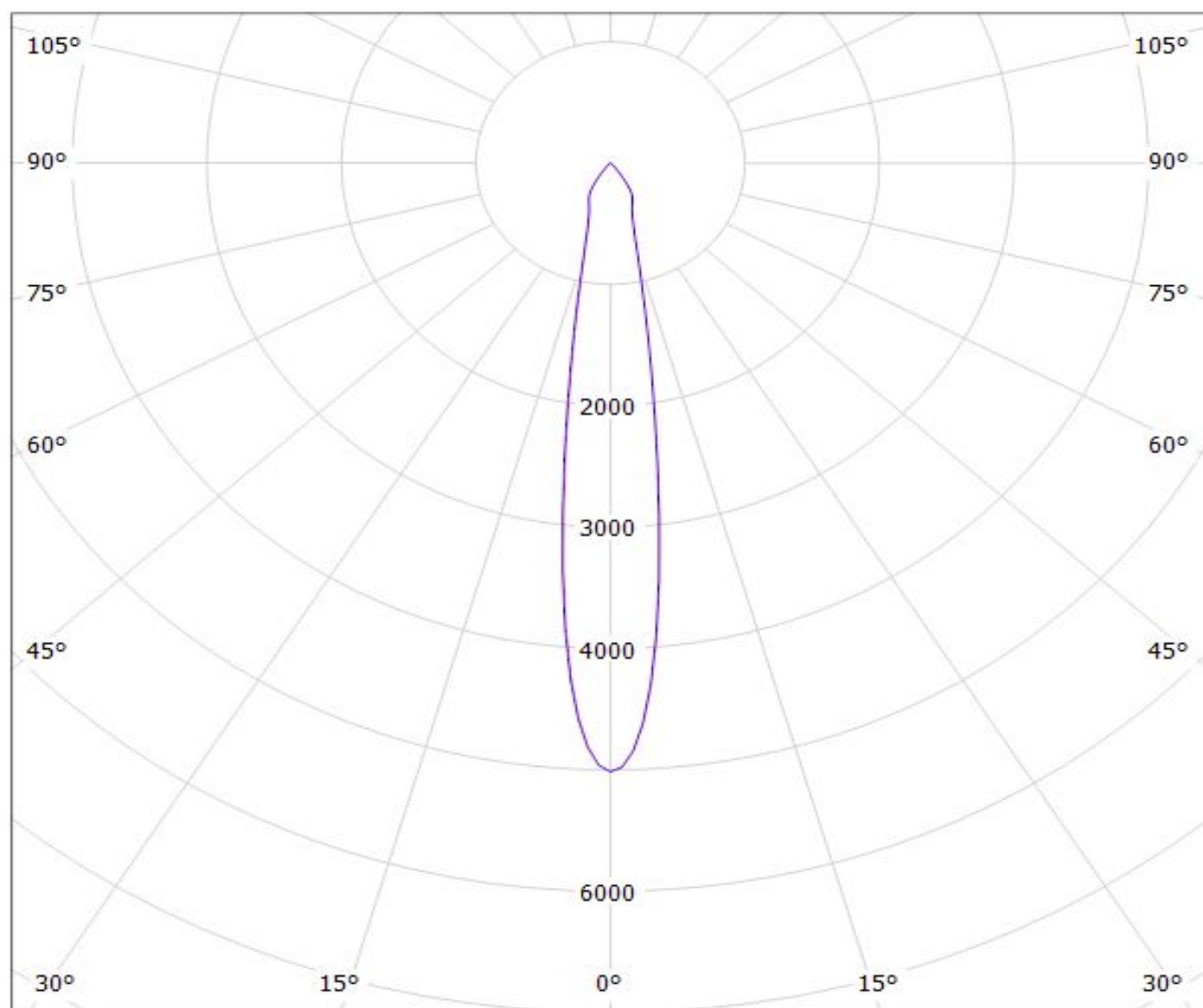
Luminaire: LEDiL Oy CN12703_LENINA-S-DL_(ZC12) Eff.85.4%

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



Luminaire: LEDiL Oy CN12703_LENINA-S-DL_(SLE-G5_LES-15)

Lamps: 1 x Tridonic_SLE-G5_LES-15_1237.18lm@250mA_P=8.6903W_I=0.250A



cd/klm

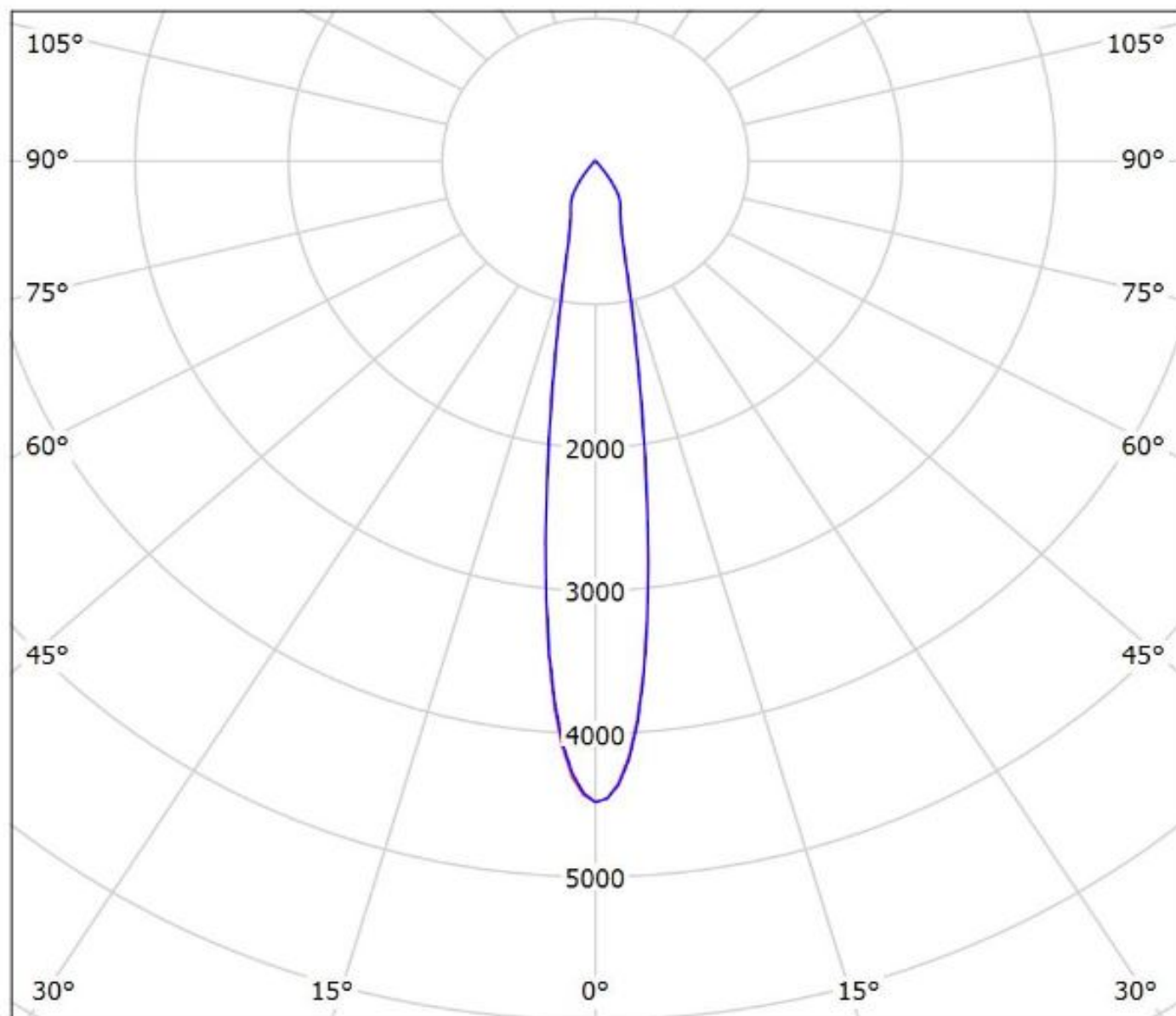
$\eta = 89\%$

— C0 - C180

— C90 - C270

Luminaire: Ledil CN12703_LENINA-S-DL_(CLU036)

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



cd/klm

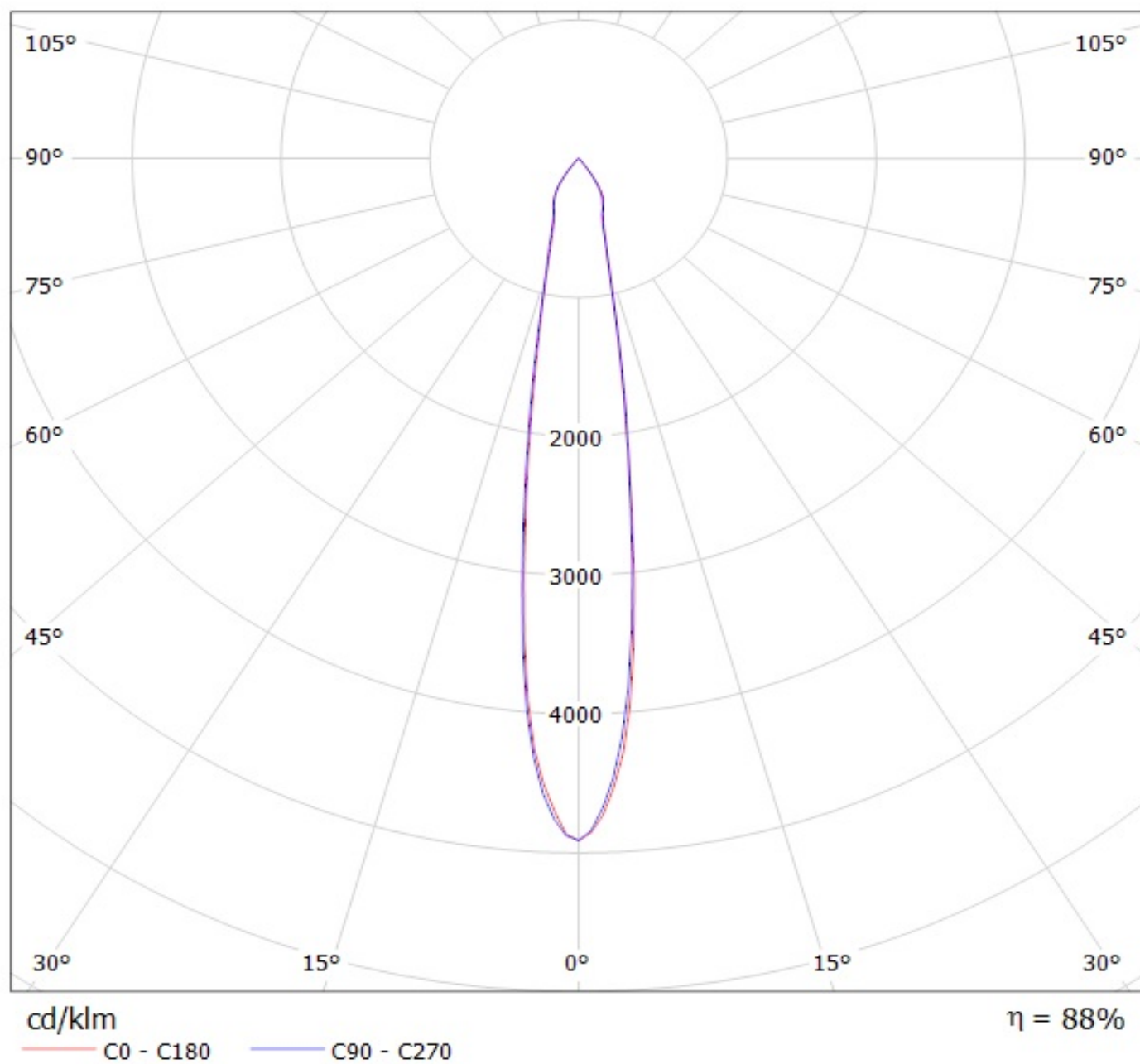
C0 - C180

C90 - C270

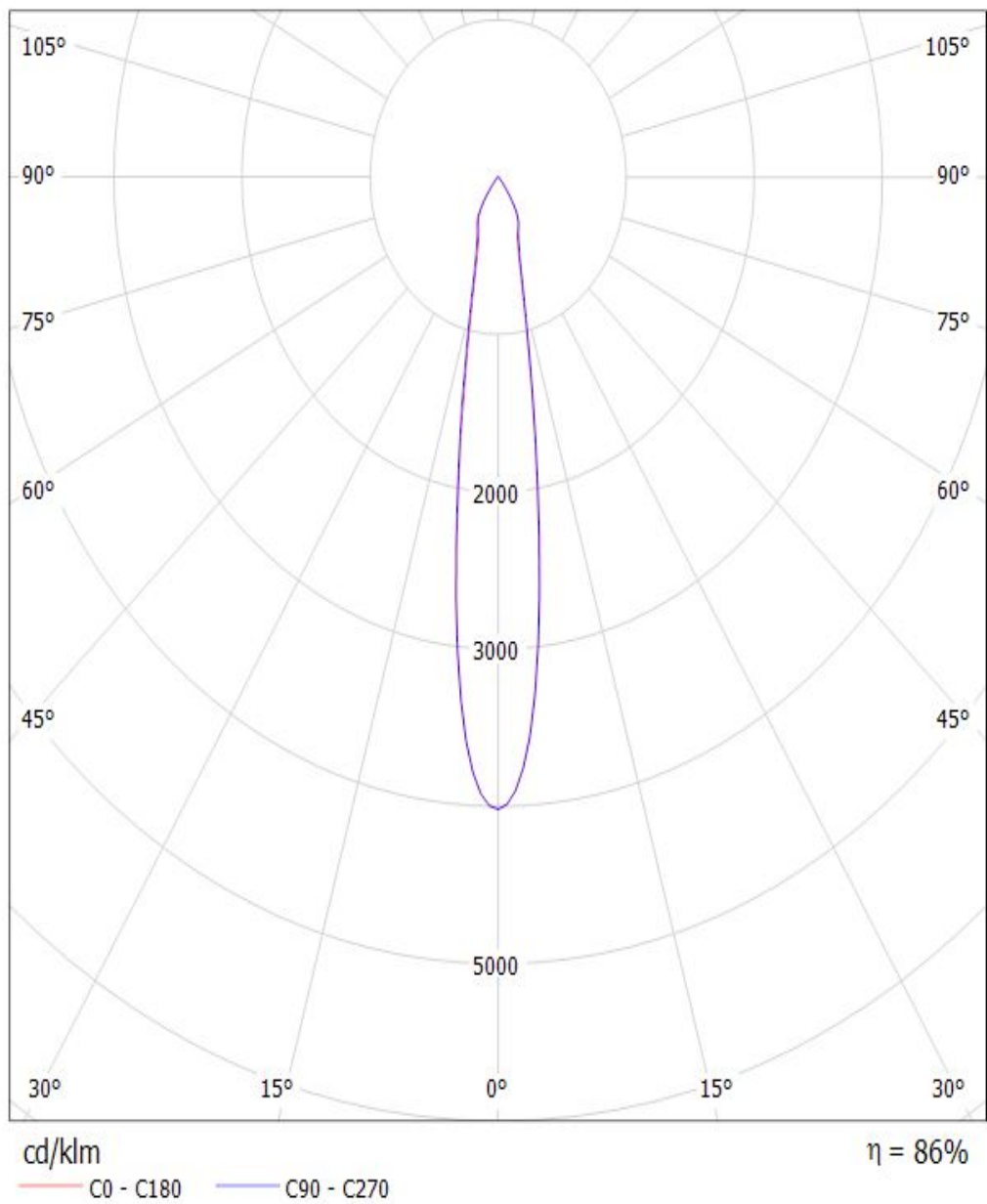
$\eta = 87\%$

Luminaire: LEDil Oy CN12703_LENINA-S-DL_(CXM-14)

Lamps: 1 x Luminus CXM-14 (1006.41lm @ 250mA) CCT=3100K P=8.5W I=250mA



Luminaire: LEDiL Oy CN12703_LENINA-S-DL_(SLE_G3_LES17) Eff.85.8%
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.

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.