

DETAILS

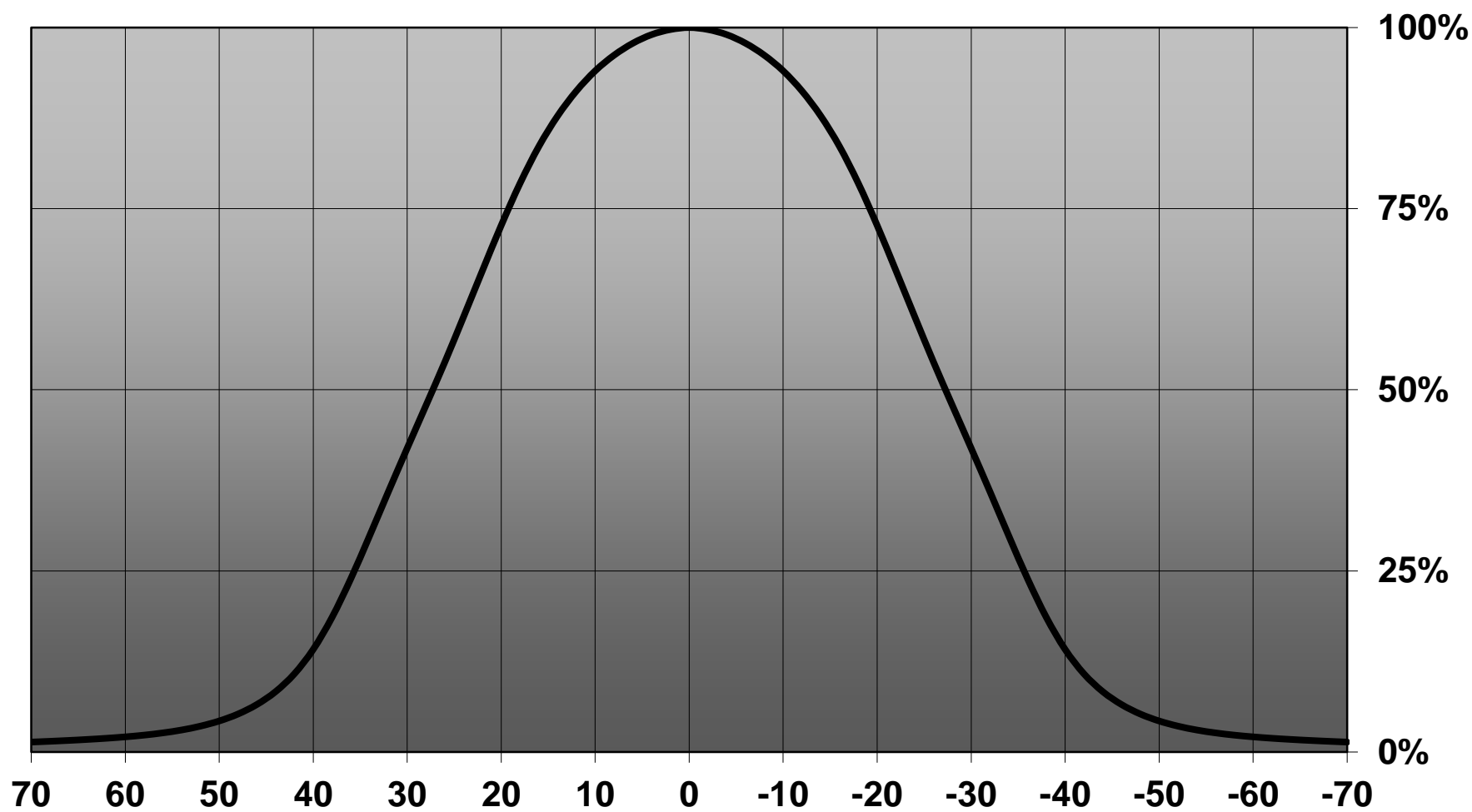
Product Number	CN12705_LENINA-W-DL
Family	Lenina
Type	RefPack
Color	metal
Diameter	74 mm
Height	47,5 mm
Style	round
Optic Material	PC
Holder Material	PC
Fastening	screw
Status	production ready
ROHS Compliant	Yes
Date Updated	18/02/2015

OPTICAL PROPERTIES

LED	Viewing	Light	Efficiency	cd/lm	Connector
	Angle	Beam			
CLU710	55 deg	Wide	89 %	1.000	-
CLU720	57 deg	Wide	83 %	0.910	-
CLL03x/CLU03x	58 deg	Wide	86 %	0.950	-
ZC12/18	59 deg	Wide	84 %	0.910	-
CXM-14	59 deg	Wide	88 %	1.000	LEDiL: LEDiL
SLE G5 LES15	59 deg	Wide	87 %	0.960	LEDiL: LEDiL
STARK SLE PURE G3 LES17	60 deg	Wide	84 %	0.904	-



Relative intensity of CN12705_LENINA-W-DL



D C B A

4

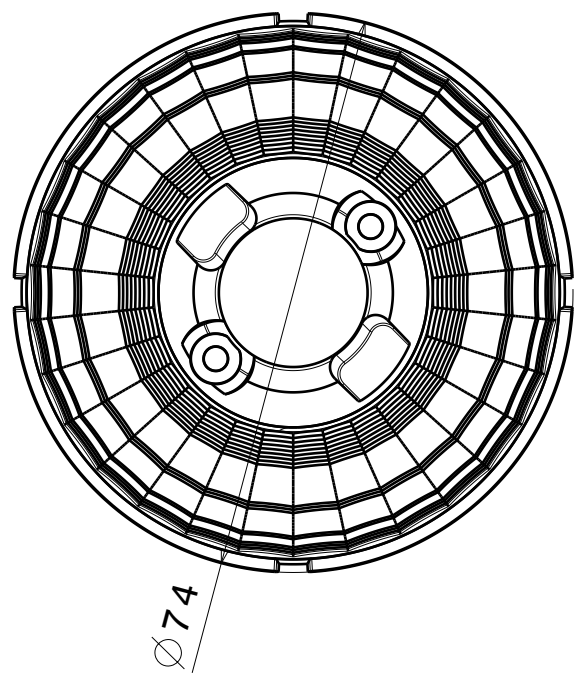
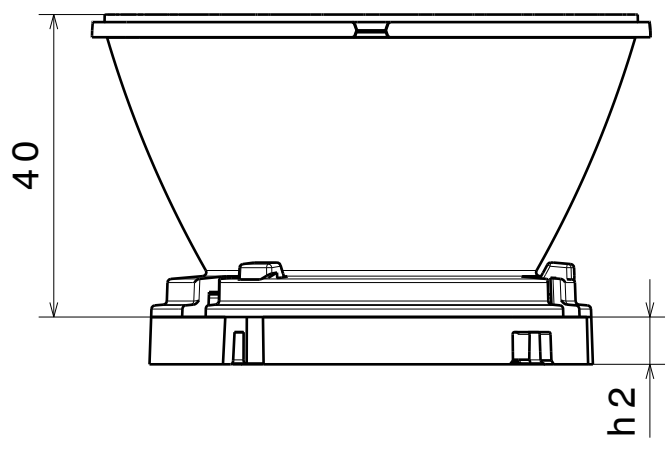
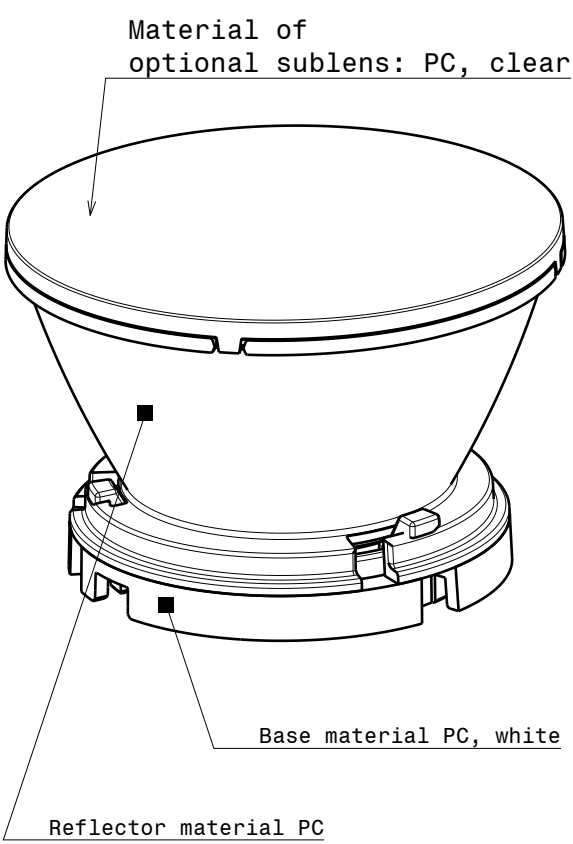
4

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	Datasheet Lenina series					
CHECKED BY	DATE	SIZE A4	DRAWING NUMBER --				REV 1
DESIGNED BY pl	DATE 08.03.2012	SCALE 1:1	WEIGHT (g)			SHEET 1 / 1	

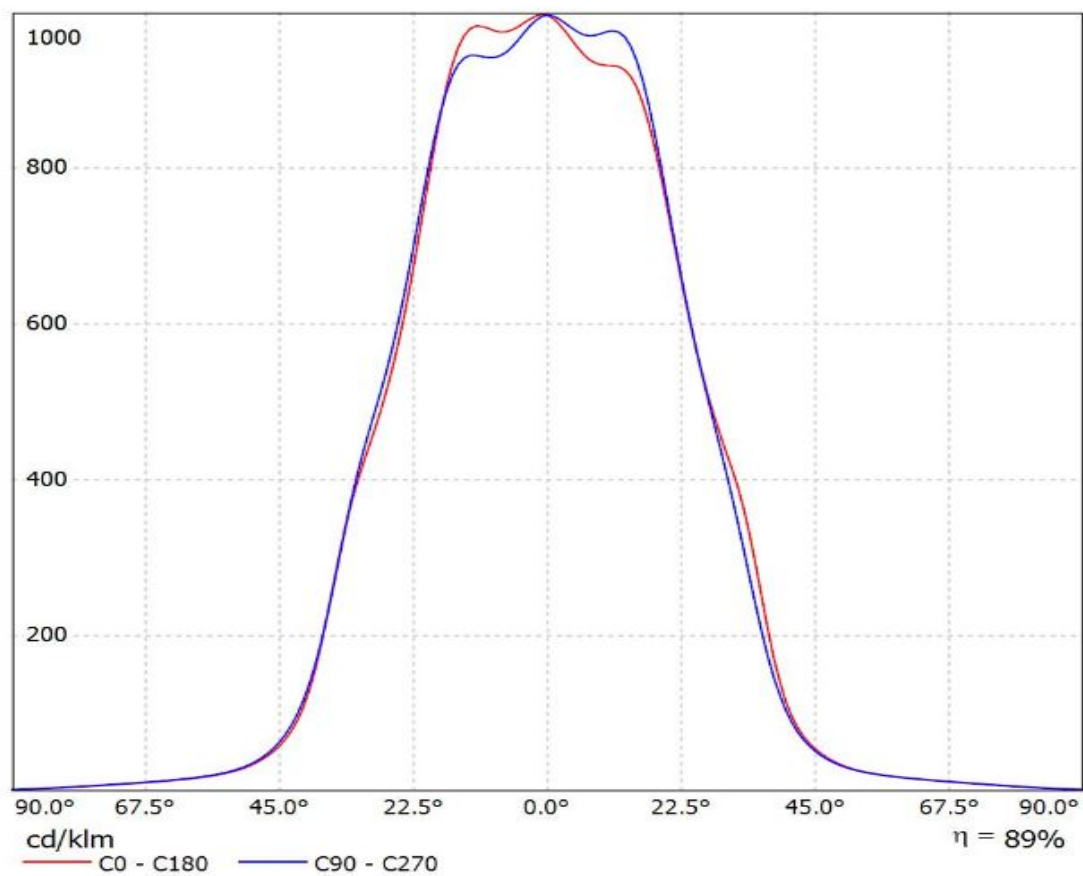
1

1

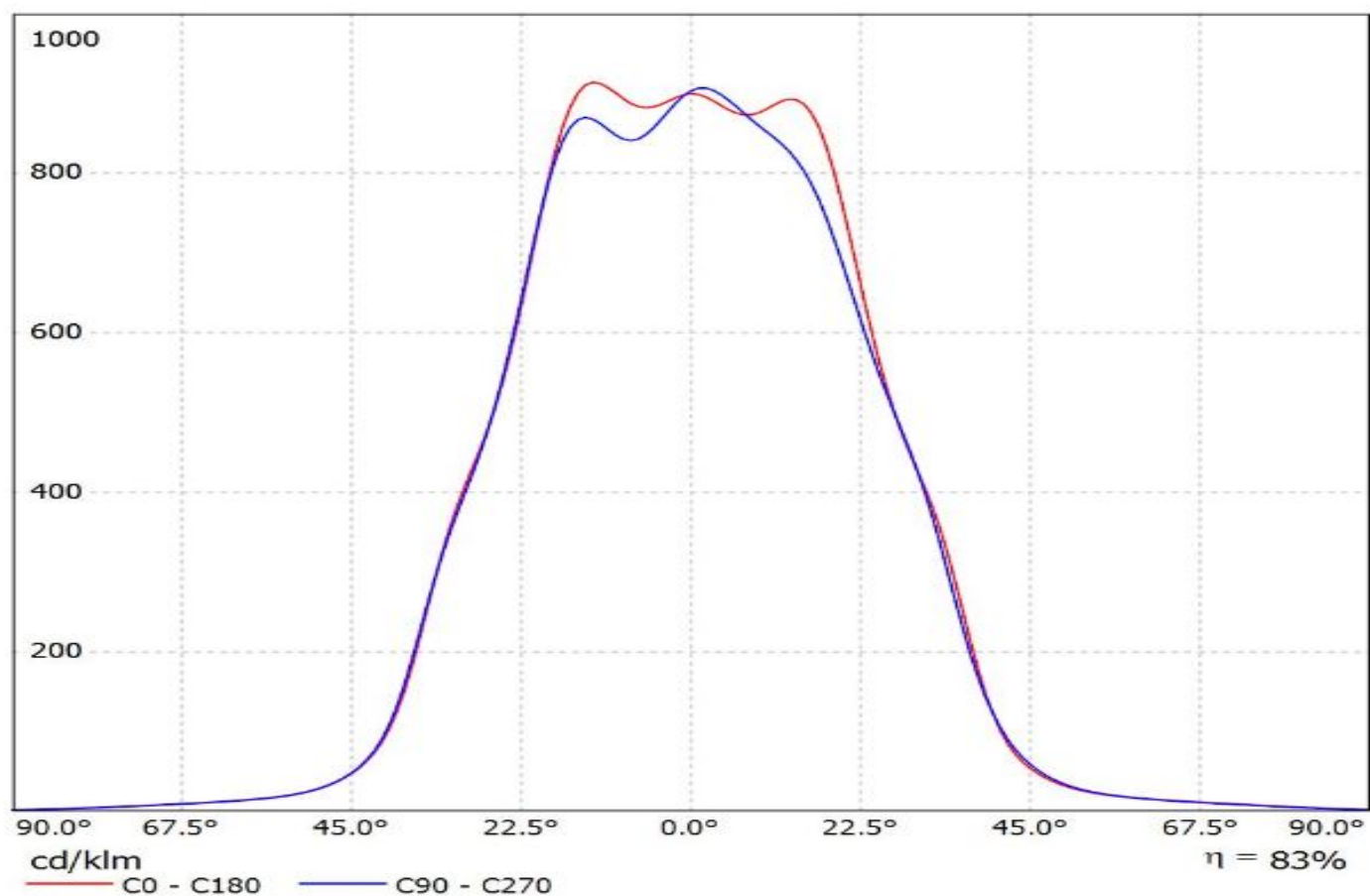
D A

Luminaire: Ledil CN12705_LENINA-W-DL_(CLU710)

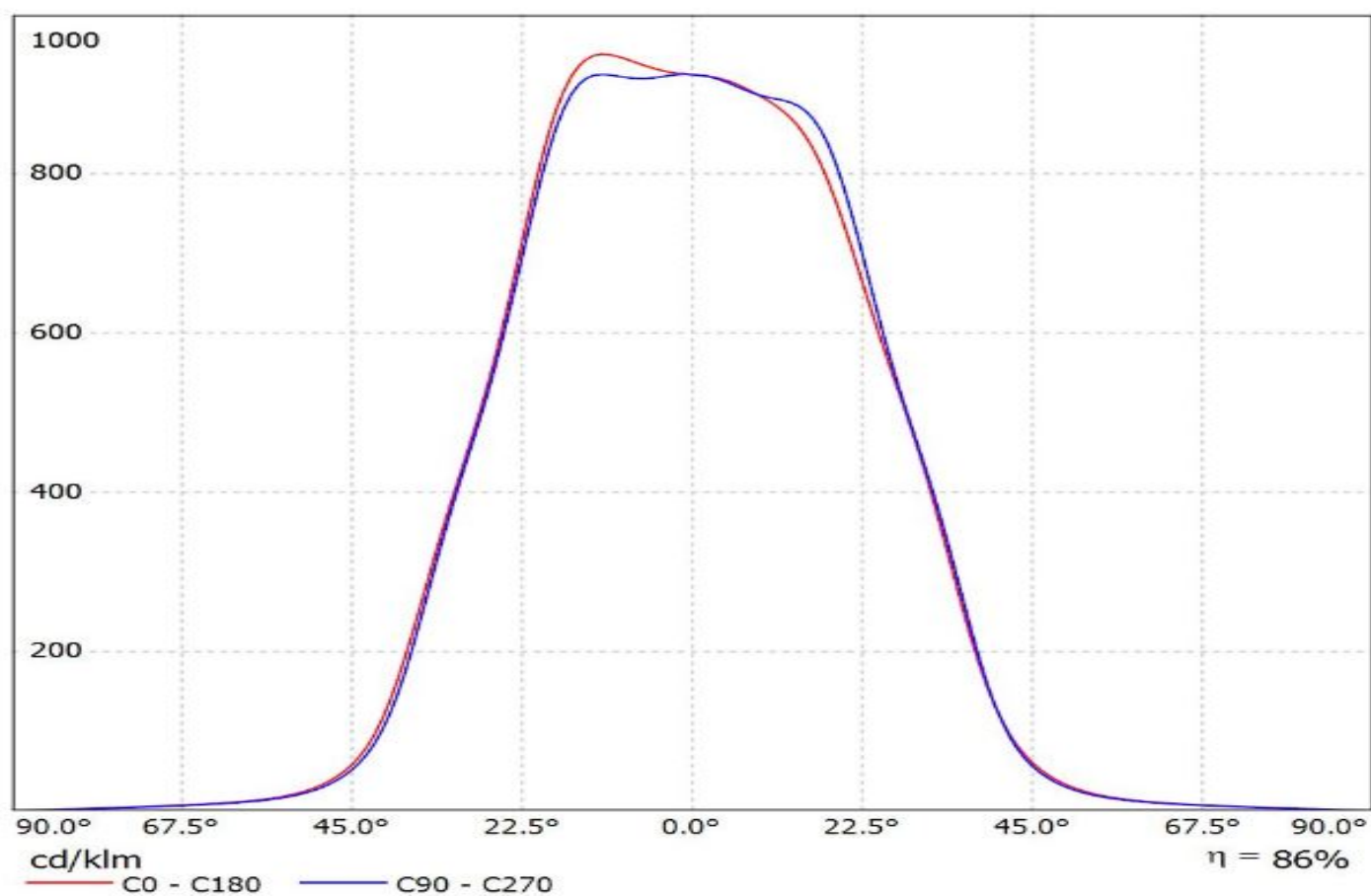
Lamps: 1 x CITIZEN_CLU710_(CLU710-1204B8-273M2G1)+C12691_LENINA-STD-BASE-CLL030_1154.75lm@250mA_P=8.5W_I=0.25A



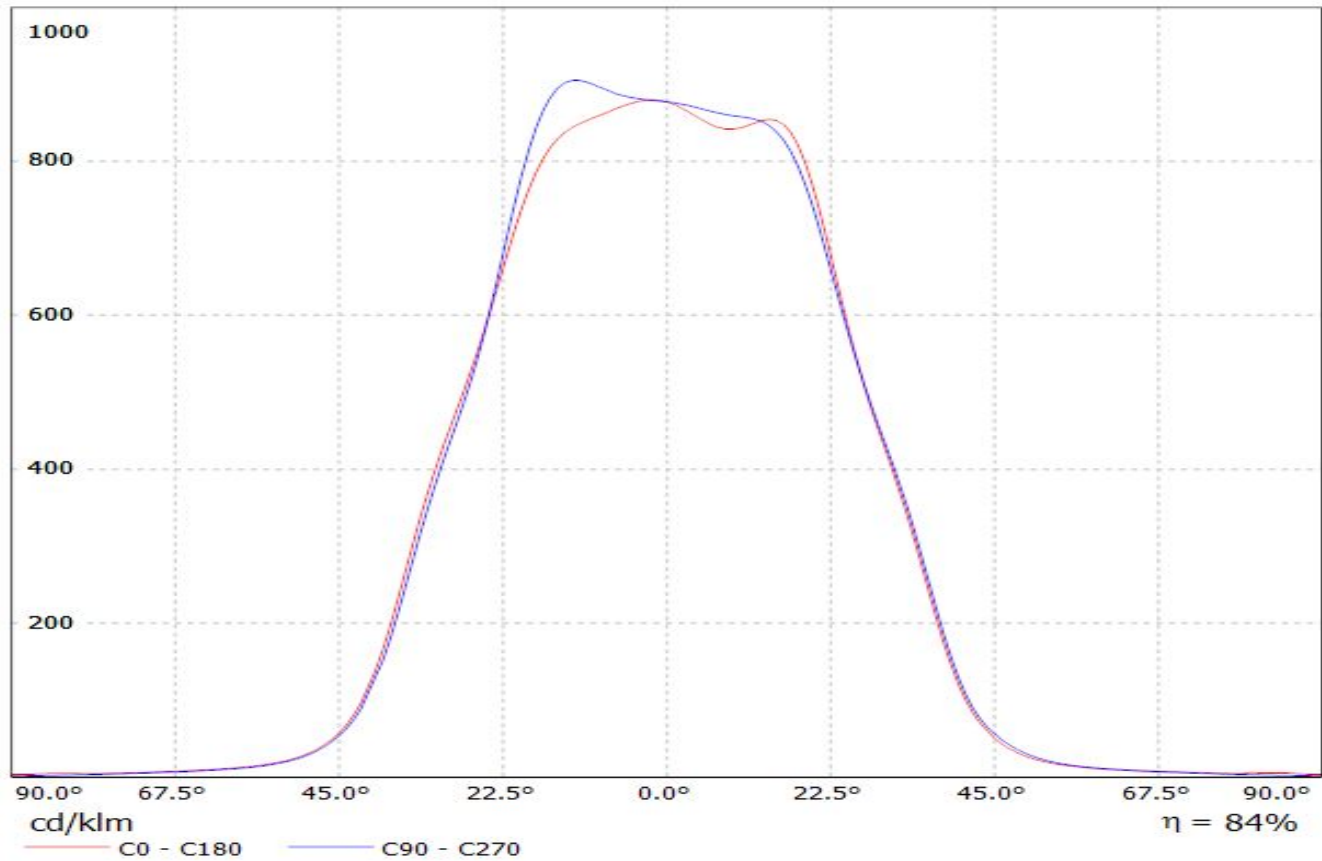
Luminaire: Ledil CN12705_LENINA-W-DL_(CLU720)
Lamps: 1 x CITIZEN_CLU720_(CLU720-1206B8-273M2)
_1312.67lm@250mA_CCT=2700K_P=8.35W_I=0.25A



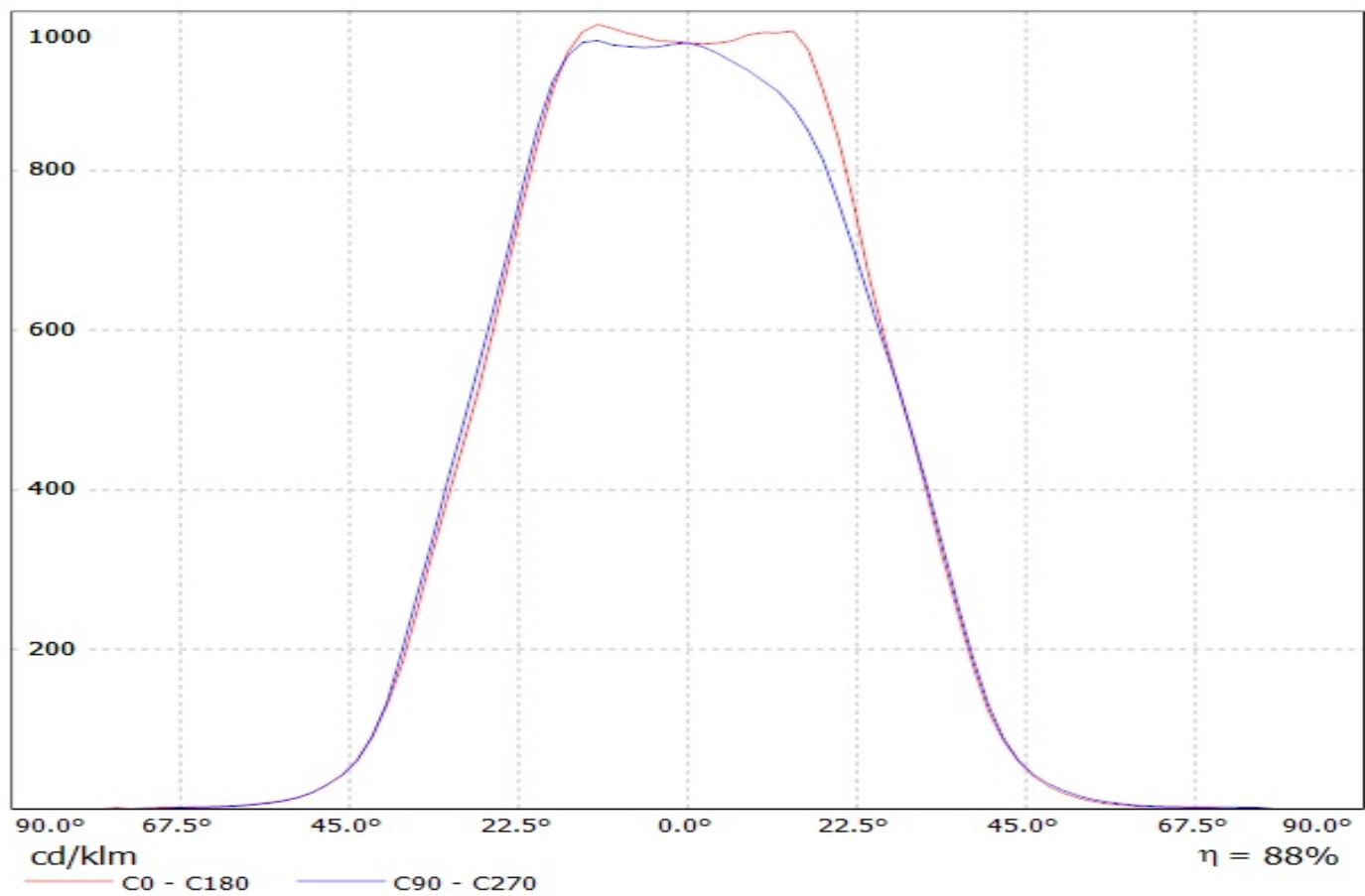
Luminaire: Ledil CN12705_LENINA-W-DL_(CLU036)
Lamps: 1 x CLU036_(-1208C1-303M2G2)_1273.68lm@250mA_P=8.24W_I=0.25A



Luminaire: LEDiL Oy CN12705_LENINA-W-DL_(ZC12) Eff.83.9%
Lamps: 1 x SEOUL_ZC12_(SDW82F1C)_1209.83lm@250mA_CCT=3000K_P=8.64658W_I=249.8mA

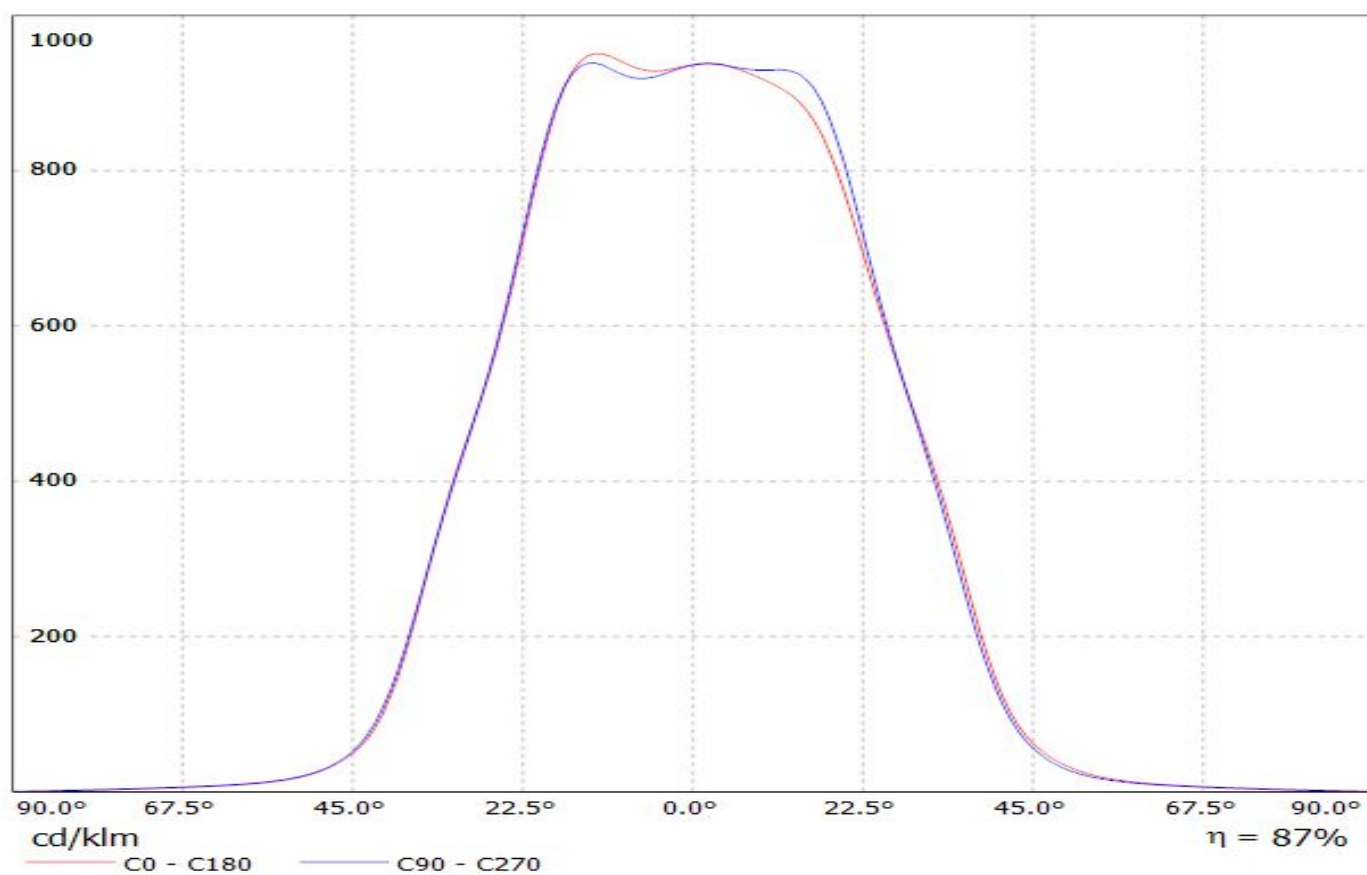


Luminaire: LEDil Oy CN12705_LENINA-W-DL (CXM-14)
Lamps: 1 x Luminus CXM-14 (1006.41lm @ 250mA) CCT=3100K P=8.5W I=250mA

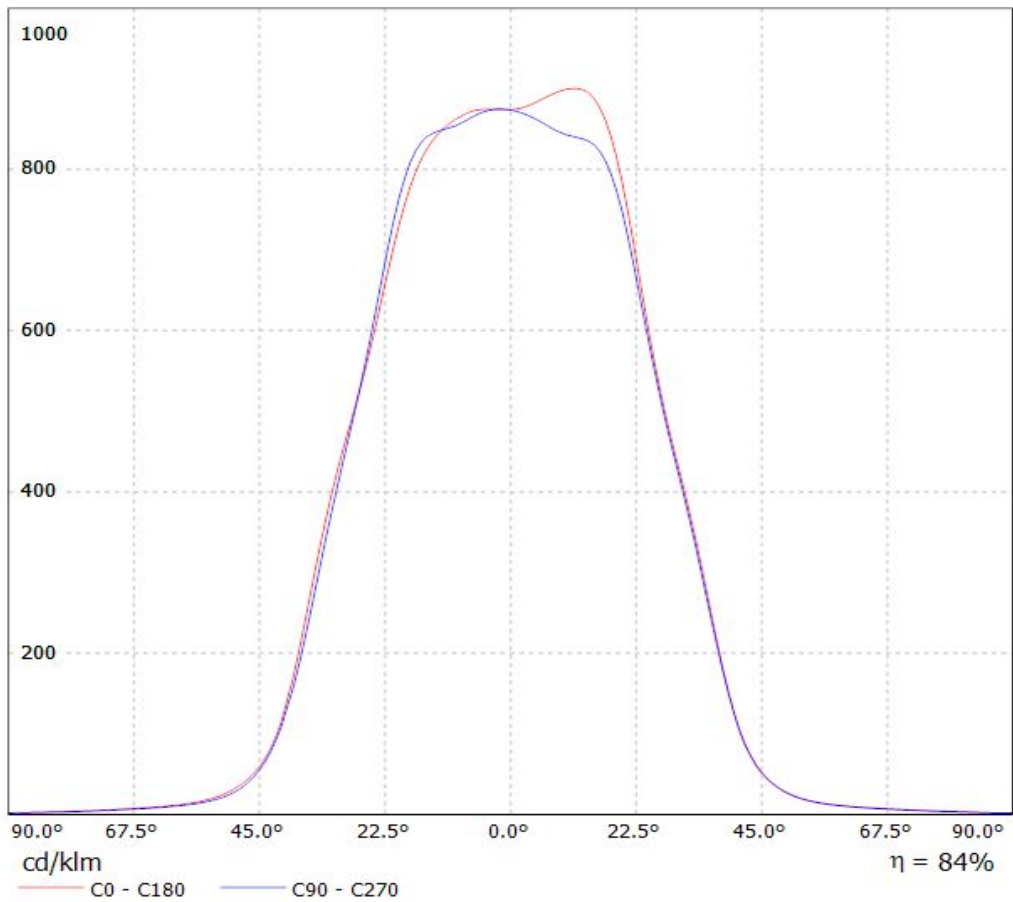


Luminaire: LEDiL Oy CN12705_LENINA-W-DL_(SLE-G5_LES-15)

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

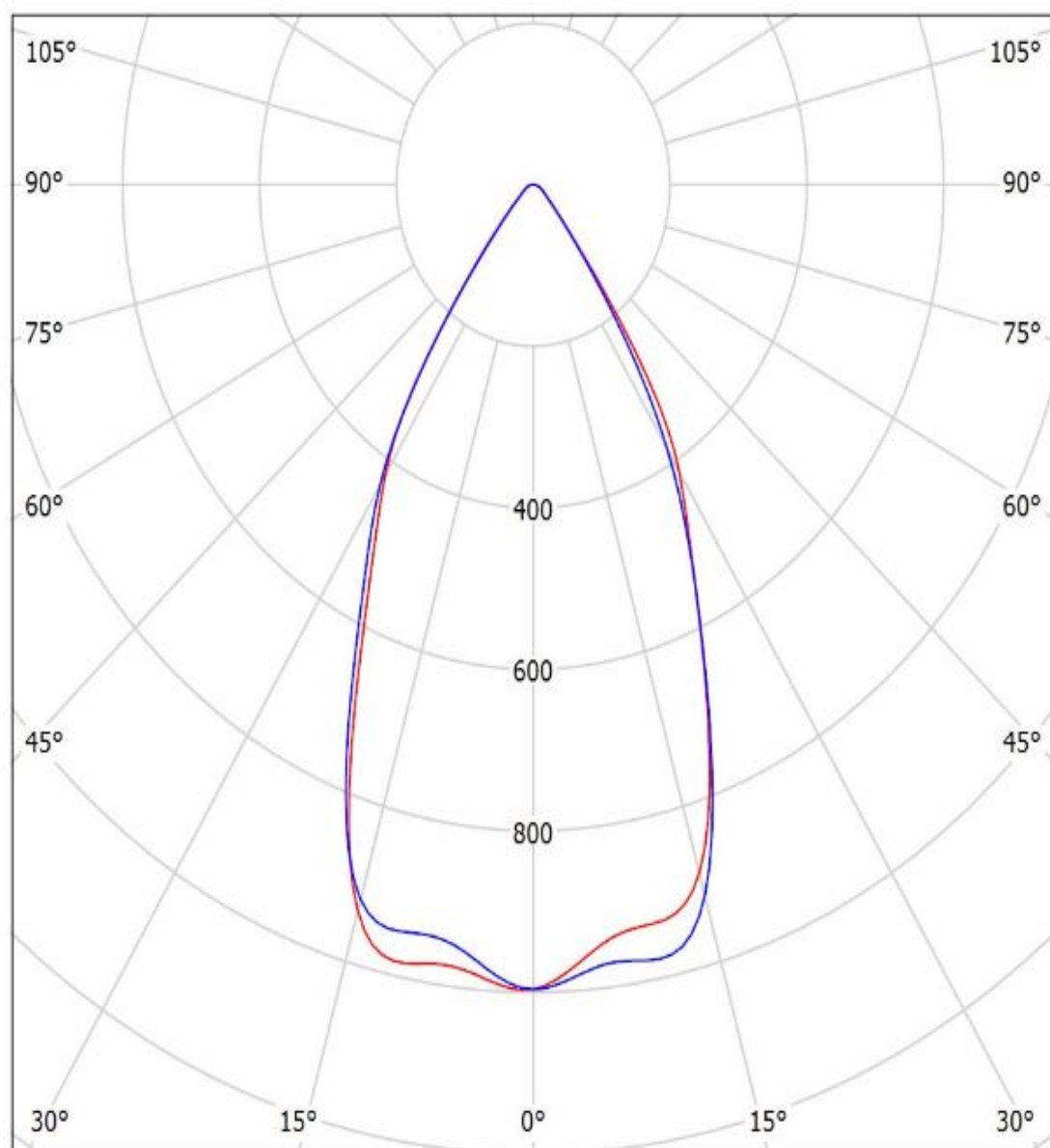


Luminaire: LEDiL Oy CN12705_LENINA-W-DL_(SLE_G3_LES17) Eff.84.4%
Lamps: 1 x TRIDONIC_STARK_SLE_G3_LES17_(STARK-SLE-PURE_G3-17-2000-840-CLA)_1011.62lm@250mA_P=8.29243W_I=249.9mA



Luminaire: Ledil CN12705_LENINA-W-DL_(CLU710)

Lamps: 1 x CITIZEN_CLU710_(CLU710-1204B8-273M2G1)_+C12691_LENA-STD-BASE-CLL030_1154.75lm@250mA_P=8.5W_I=0.25A

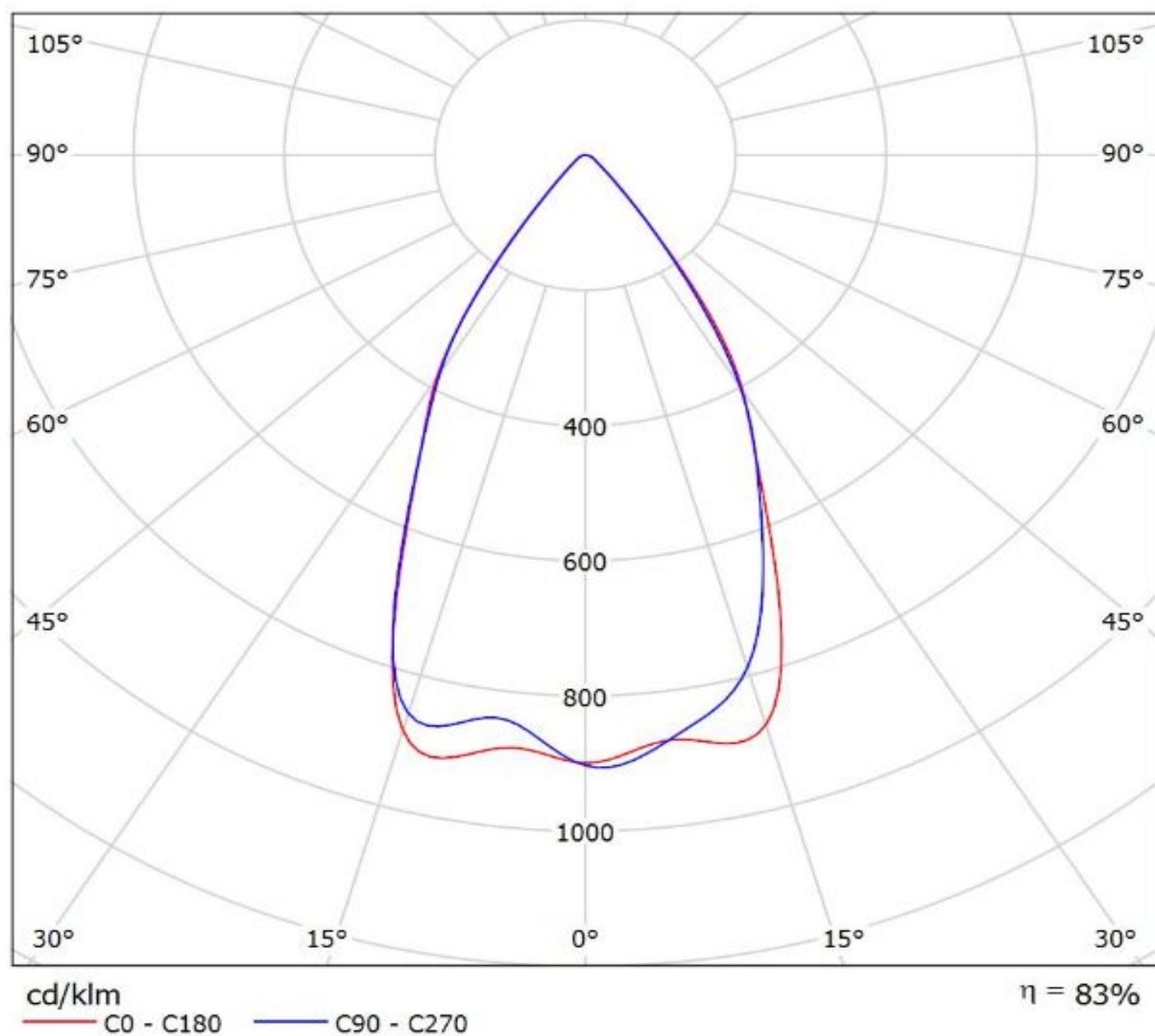


cd/klm

η = 89%

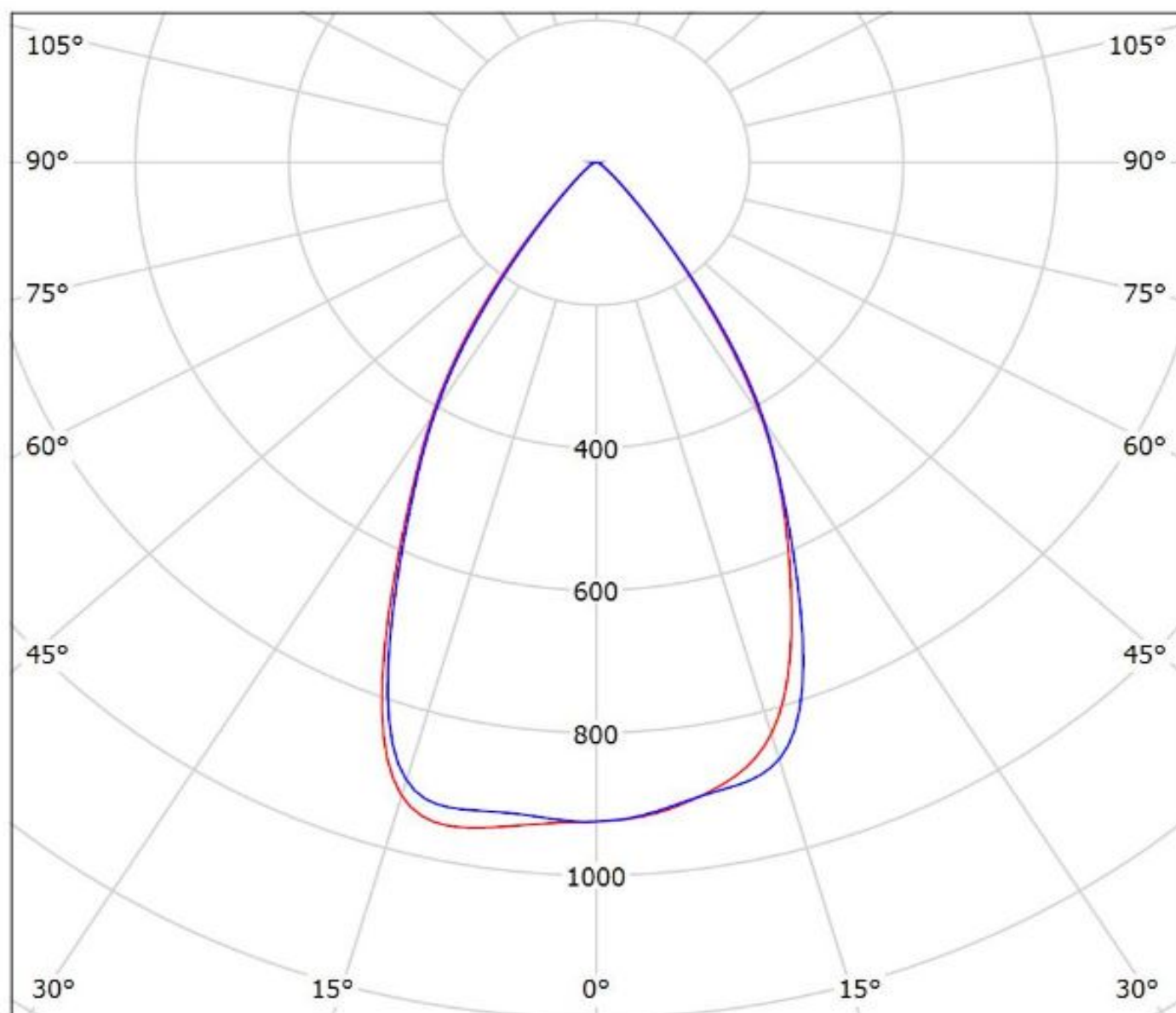
— C0 - C180 — C90 - C270

Luminaire: Ledil CN12705_LENINA-W-DL_(CLU720)
Lamps: 1 x CITIZEN_CLU720_(CLU720-1206B8-273M2)
_1312.67lm@250mA_CCT=2700K_P=8.35W_I=0.25A



Luminaire: Ledil CN12705_LENINA-W-DL_(CLU036)

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



cd/klm

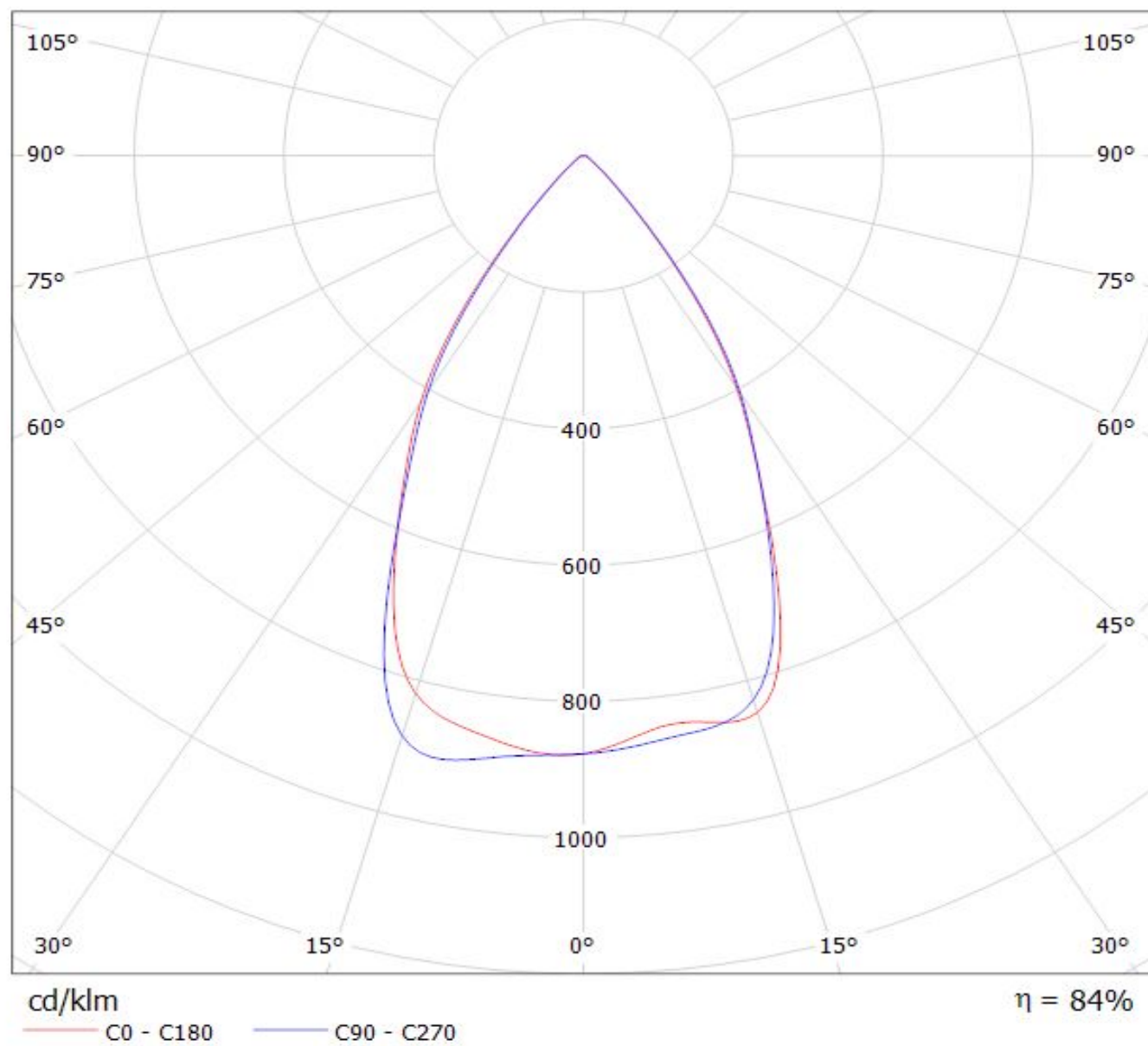
— C0 - C180

— C90 - C270

$\eta = 86\%$

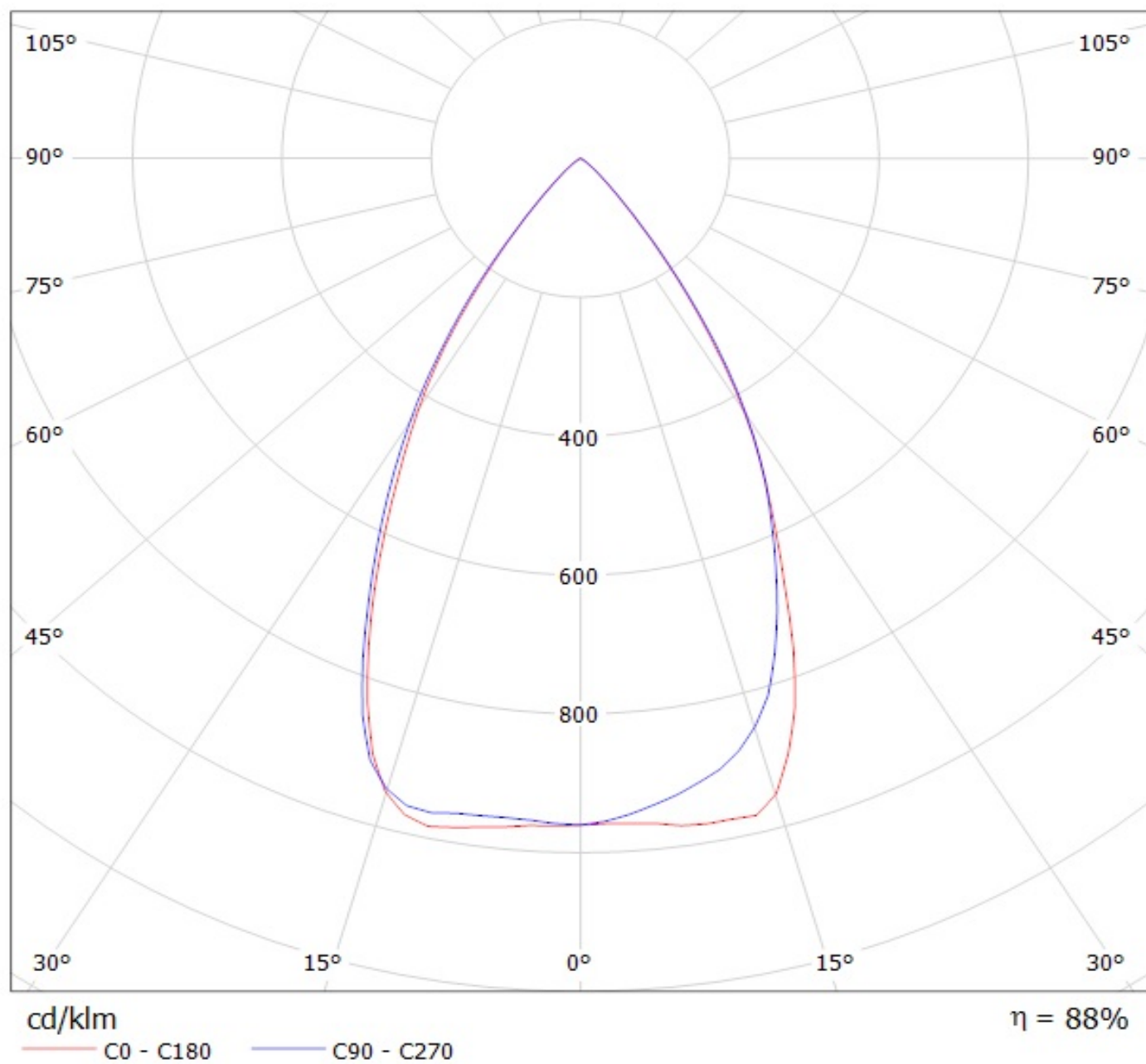
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Lamps: 1 x SEOUL_ZC12_(SDW82F1C)_1209.83lm@250mA_CCT=3000K_P=8.64658W_I=249.8mA



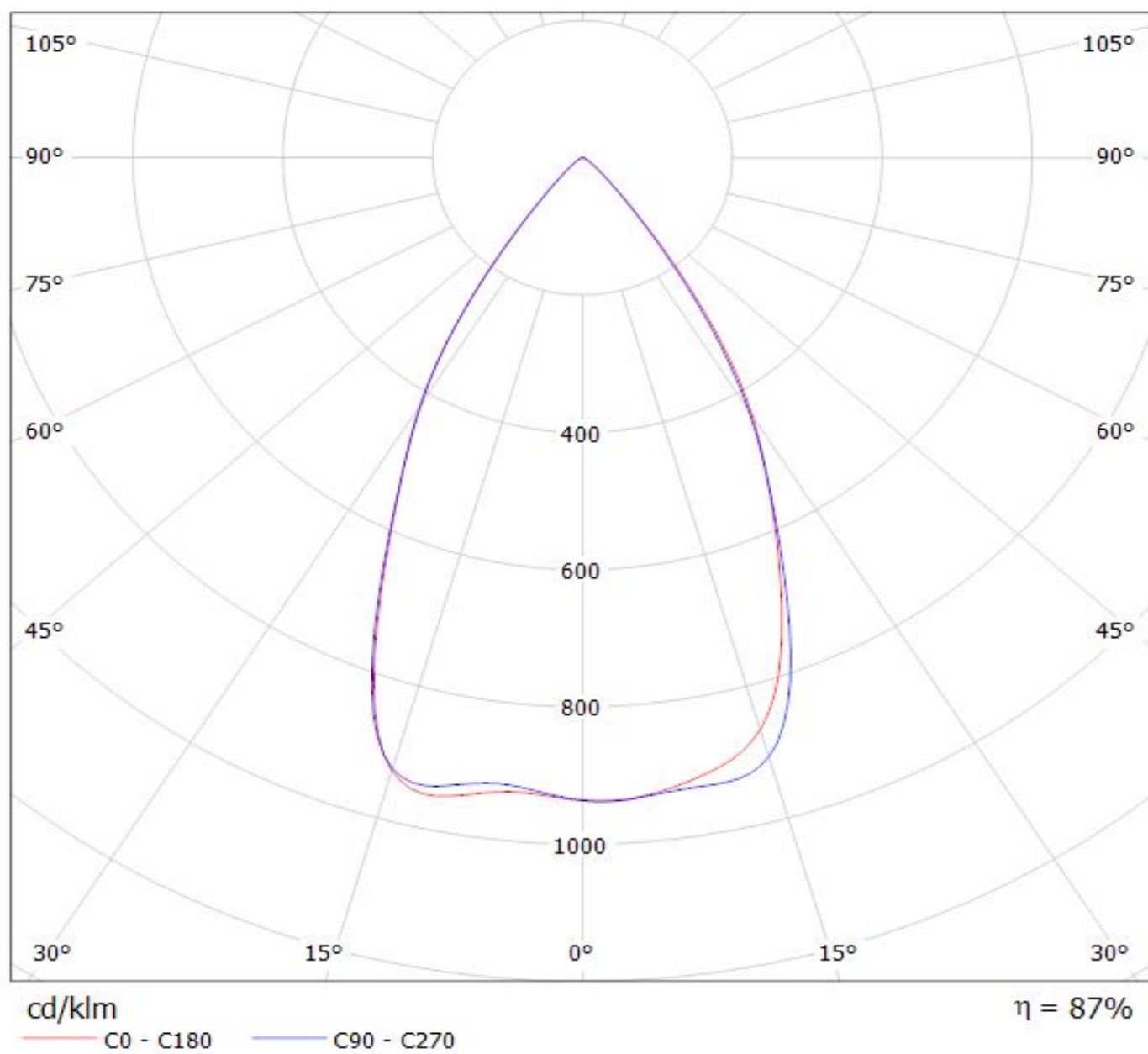
Luminaire: LEDil Oy CN12705_LENINA-W-DL_(CXM-14)

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



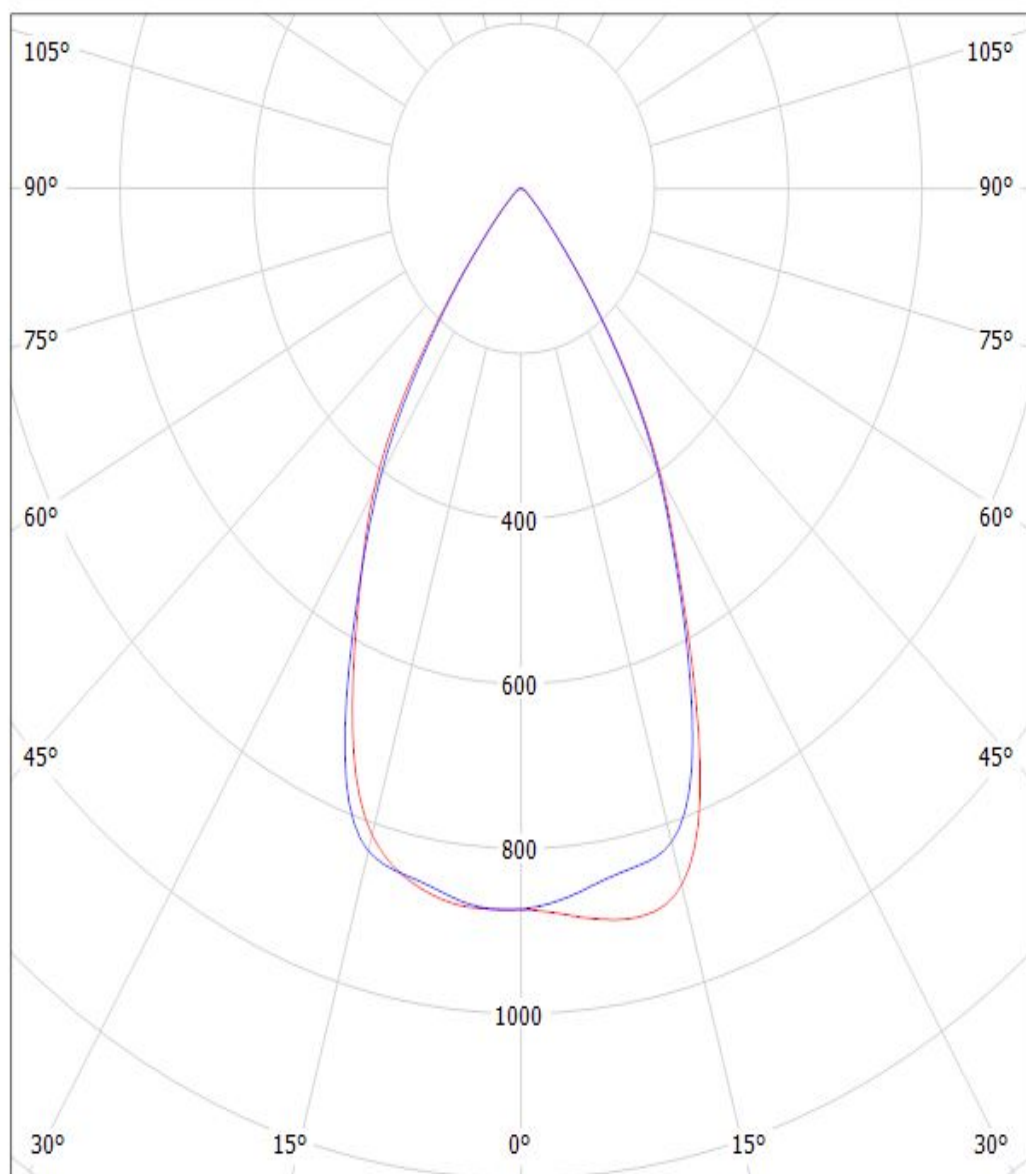
Luminaire: LEDiL Oy CN12705_LENINA-W-DL_(SLE-G5_LES-15)

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



Luminaire: LEDiL Oy CN12705_LENINA-W-DL_(SLE_G3_LES17) Eff.84.4%

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



cd/klm

— C0 - C180

— C90 - C270

$\eta = 84\%$

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.