

DETAILS

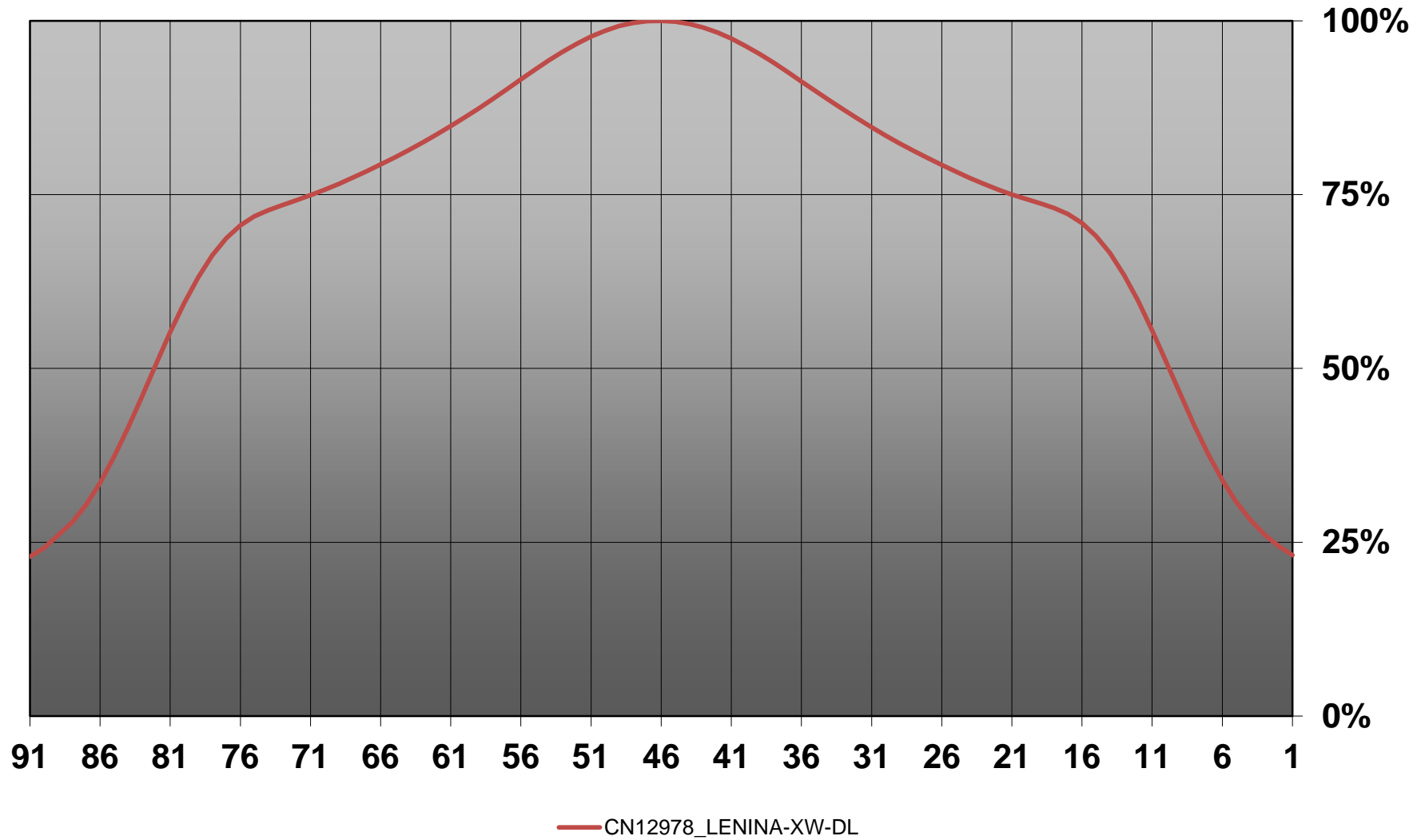
Product Number	CN12978_LENINA-XW-DL
Family	Lenina
Type	RefPack
Color	white
Diameter	74 mm
Height	47,5 mm
Style	round
Optic Material	HRPC
Holder Material	
Fastening	socket
Status	production ready
ROHS Compliant	Yes
Date Updated	31/10/2016

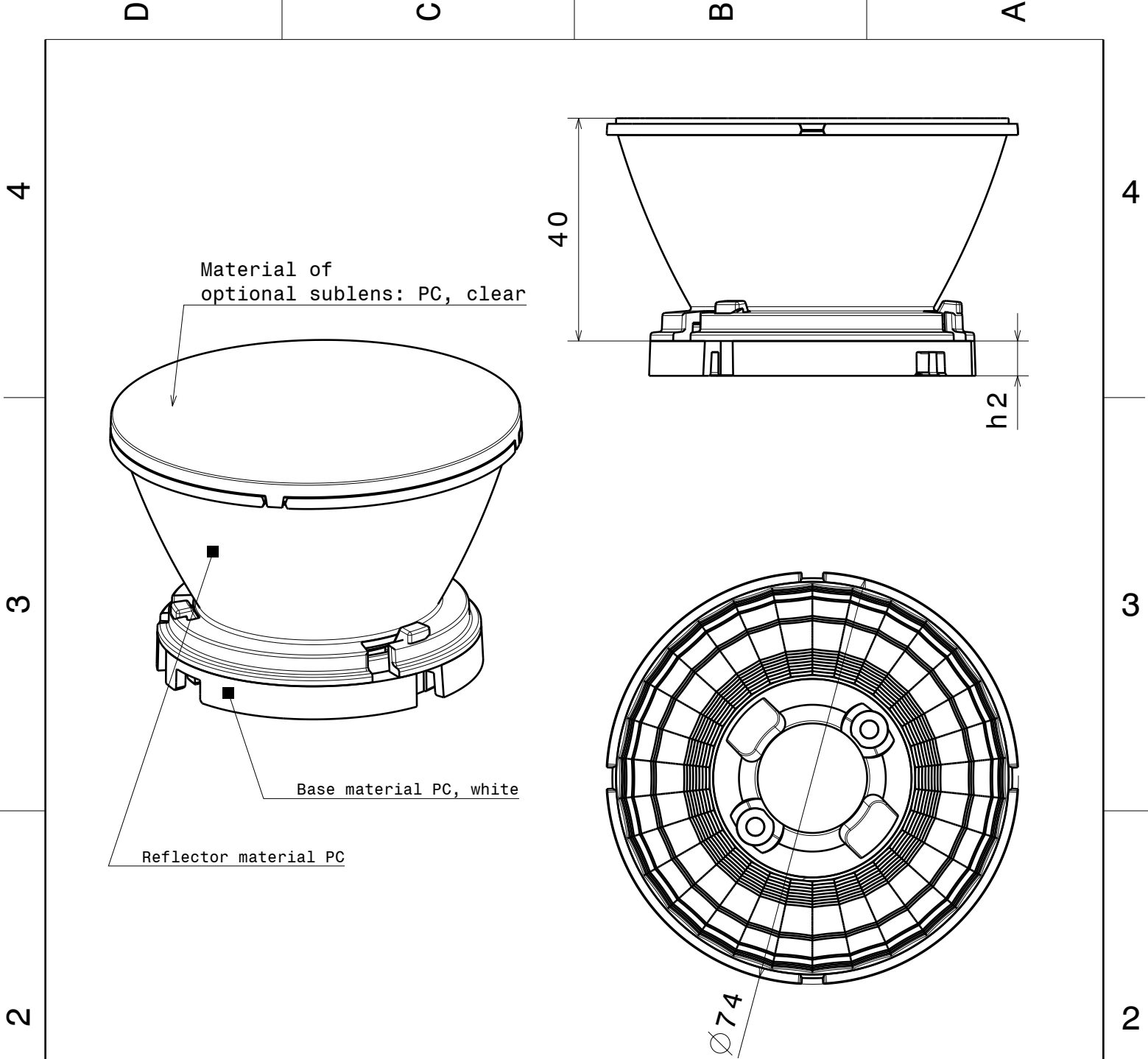
OPTICAL PROPERTIES

LED	Viewing	Light	Effi-	cd/lm	Connector
	Angle	Beam	ciency		
CLL03x/CLU03x	72 deg	WWW-class	88 %	0.610	-
CLU720/721	73 deg	WWW-class	85 %	0.560	-
CLU710/711	73 deg	WWW-class	90 %	0.590	-
CXM-14	73 deg	WWW-class	91 %	0.620	LEDiL: LEDiL
COB D Series LES 14.5 mm	73 deg	WWW-class	89 %	0.600	-
ZC12/18	73 deg	WWW-class	86 %	0.560	-
STARK SLE PURE G3 LES17	74 deg	WWW-class	87 %	0.560	-
SLE G5 LES15	73 deg	WWW-class	90 %	0.590	LEDiL: LEDiL



Absolute intensity of CN12978_LENINA-XW-DL





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

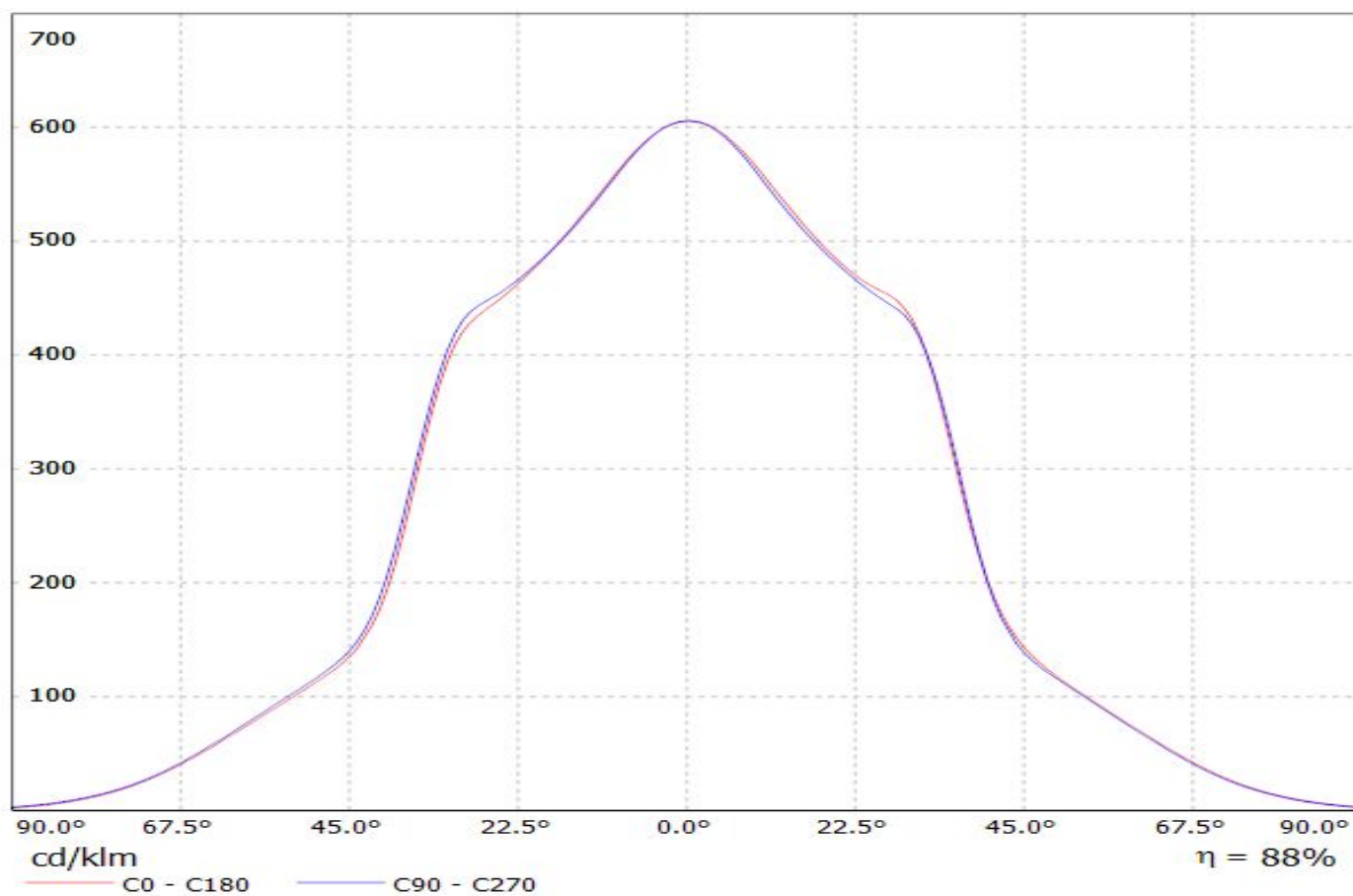
Datasheet Lenina series

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

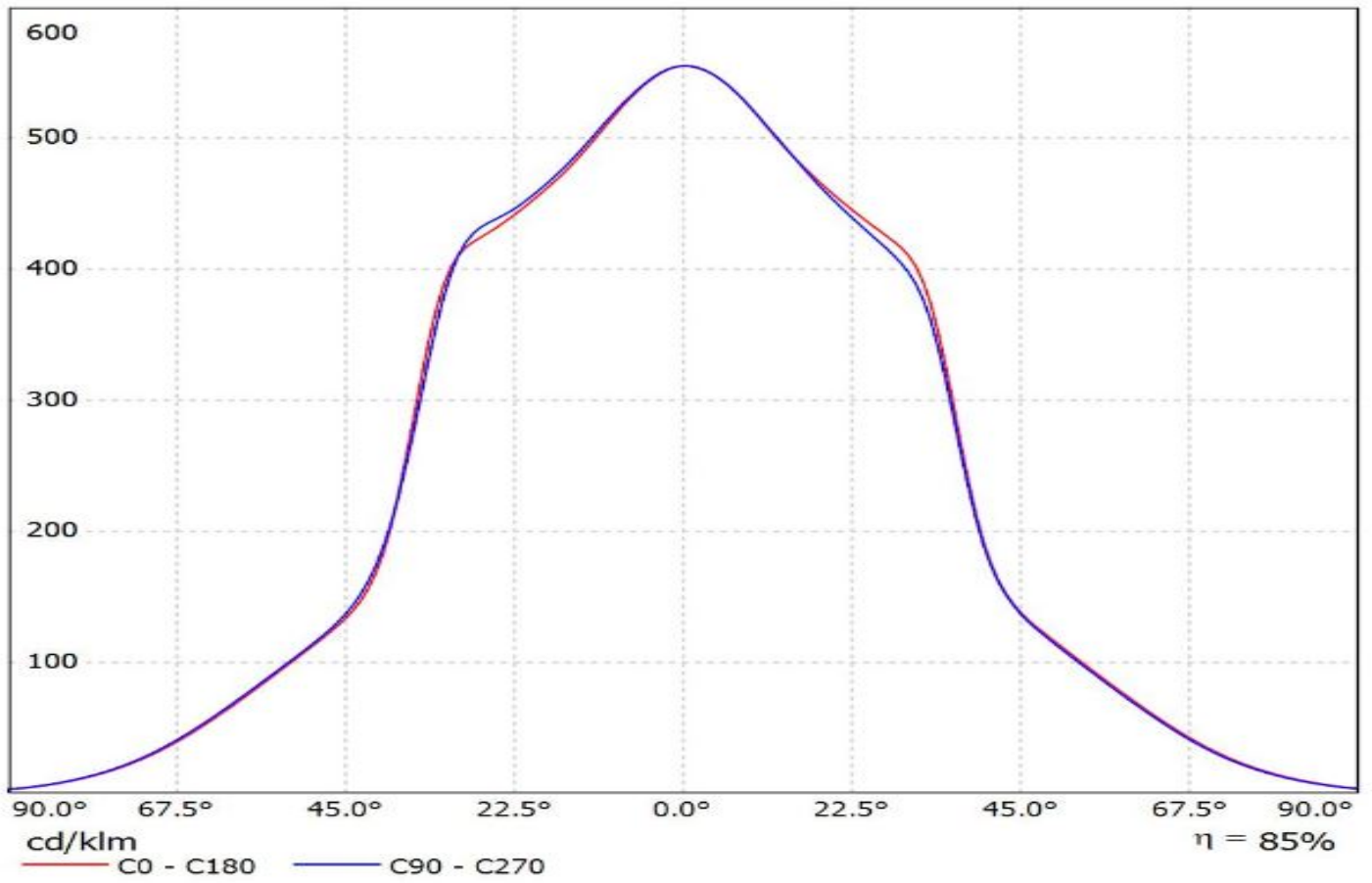
D

A

Luminaire: LEDIL OY CN12978_LENINA-XW-DL
Lamps: 1 x CLL030 (891.15lm@250mA) Eff.88,4%

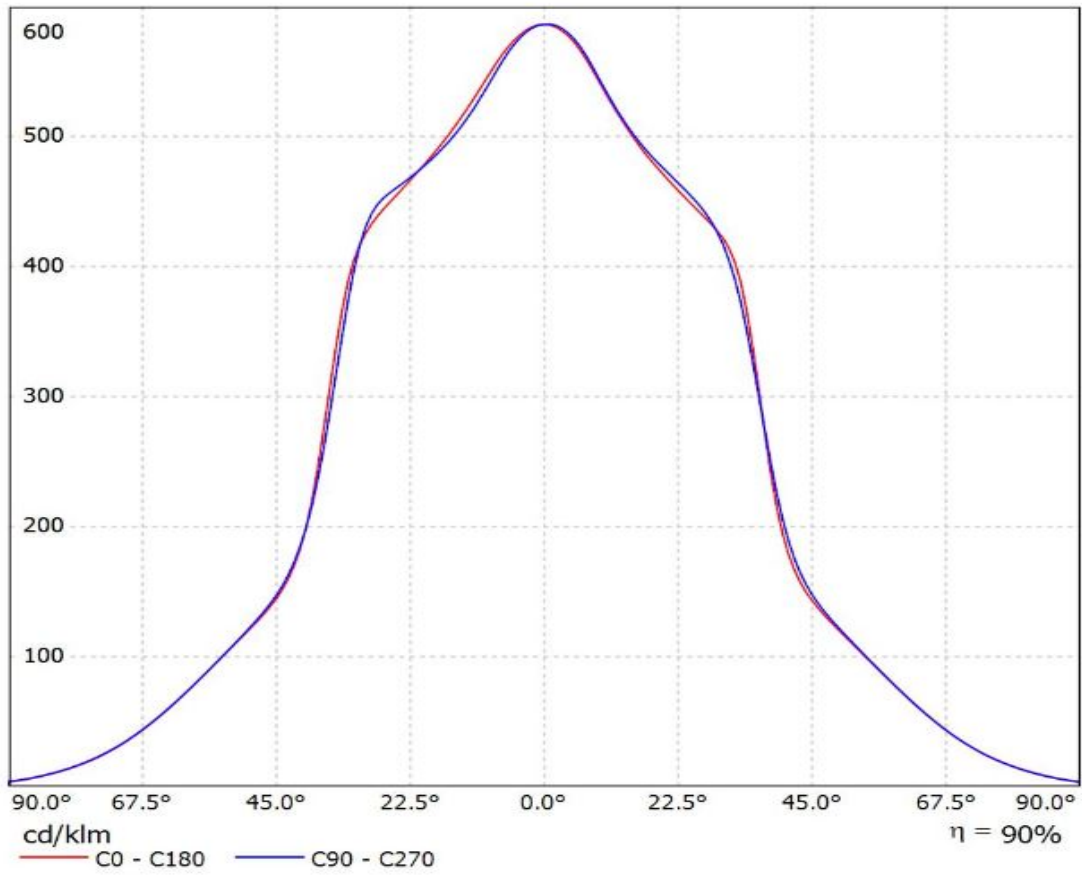


Luminaire: Ledil CN12978_LENINA-XW-DL_(CLU720)
Lamps: 1 x CITIZEN_CLU720_(CLU720-1206B8-273M2)
_1312.67lm@250mA_CCT=2700K_P=8.35W_I=0.25A



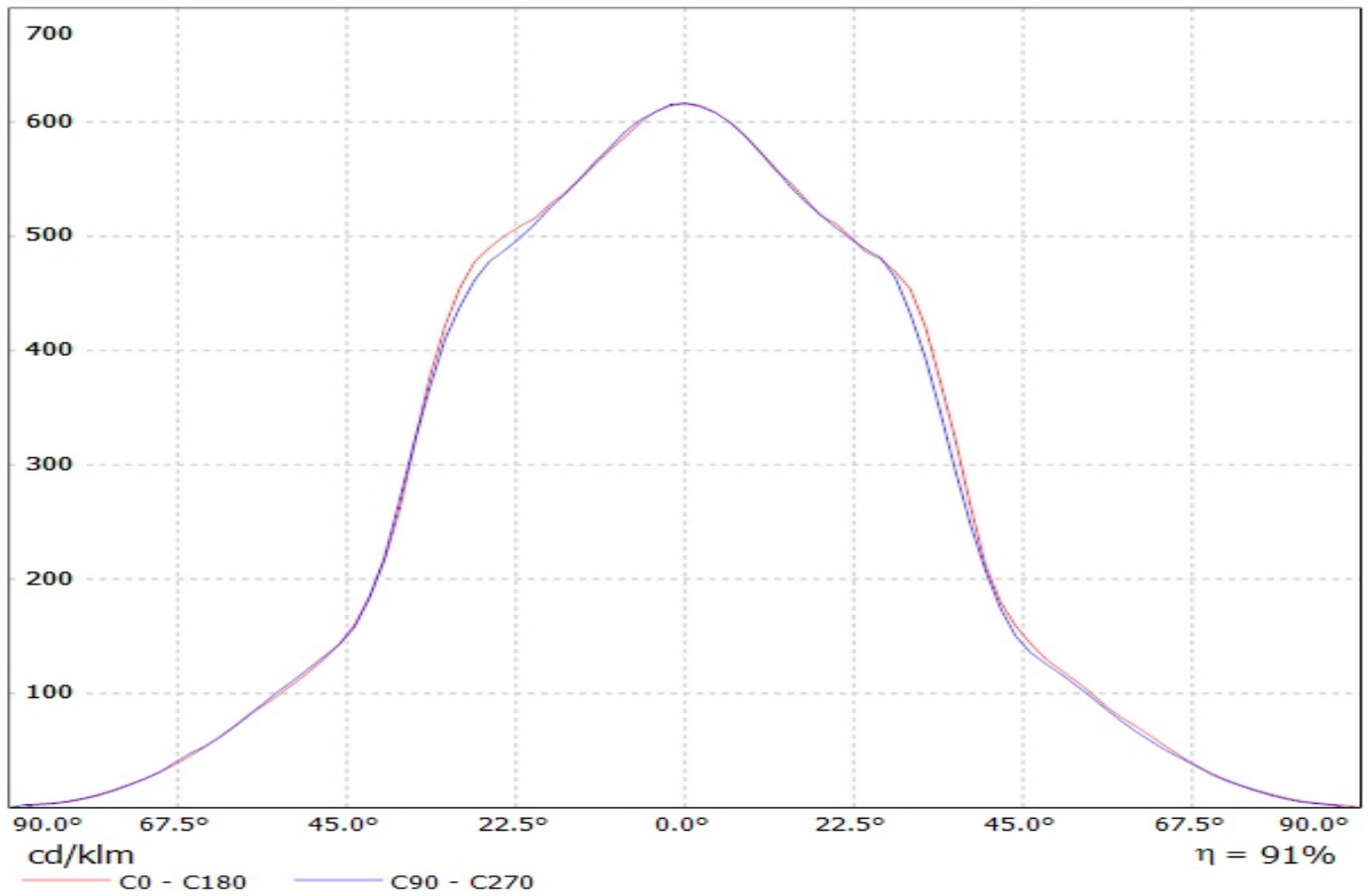
Luminaire: Ledil CN12978_LENINA-XW-DL_(CLU710)

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



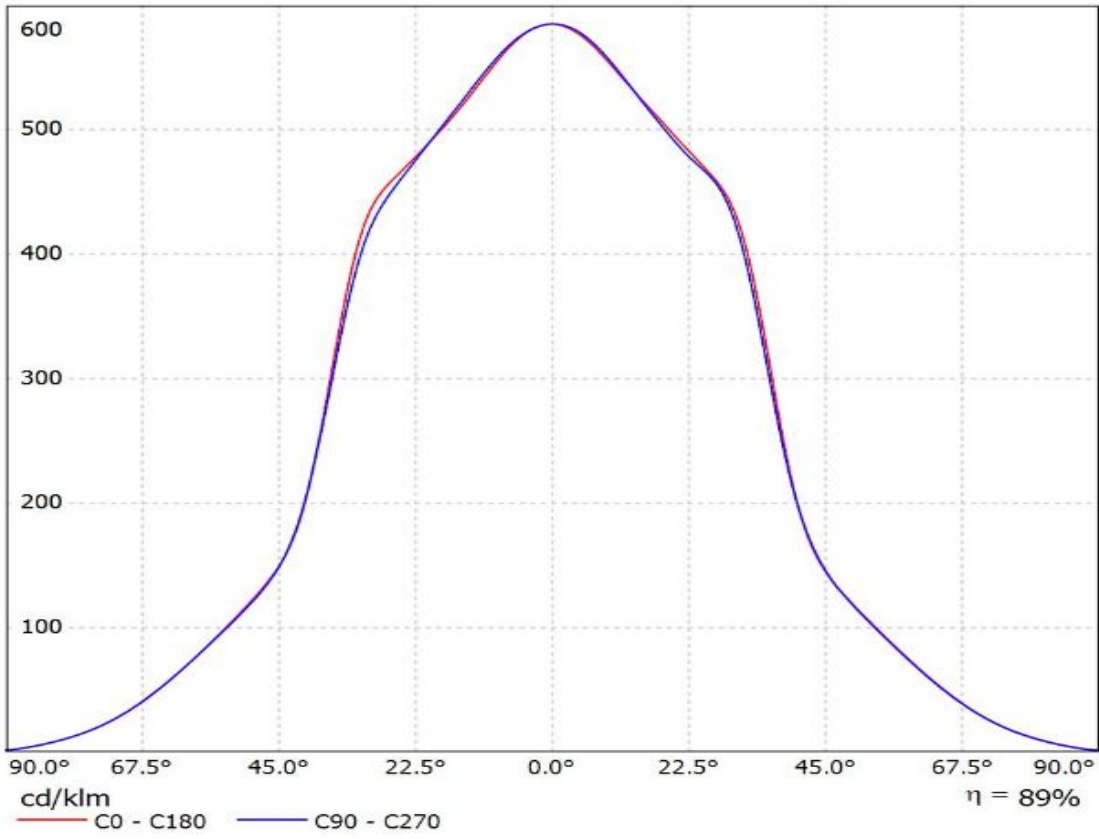
Luminaire: LEDil Oy CN12978_LENINA-XW-DL_(CXM-14)

Lamps: 1 x Luminus CXM-14 (1006.4lm @ 250mA) CCT=3100K P=8.5W I=250mA

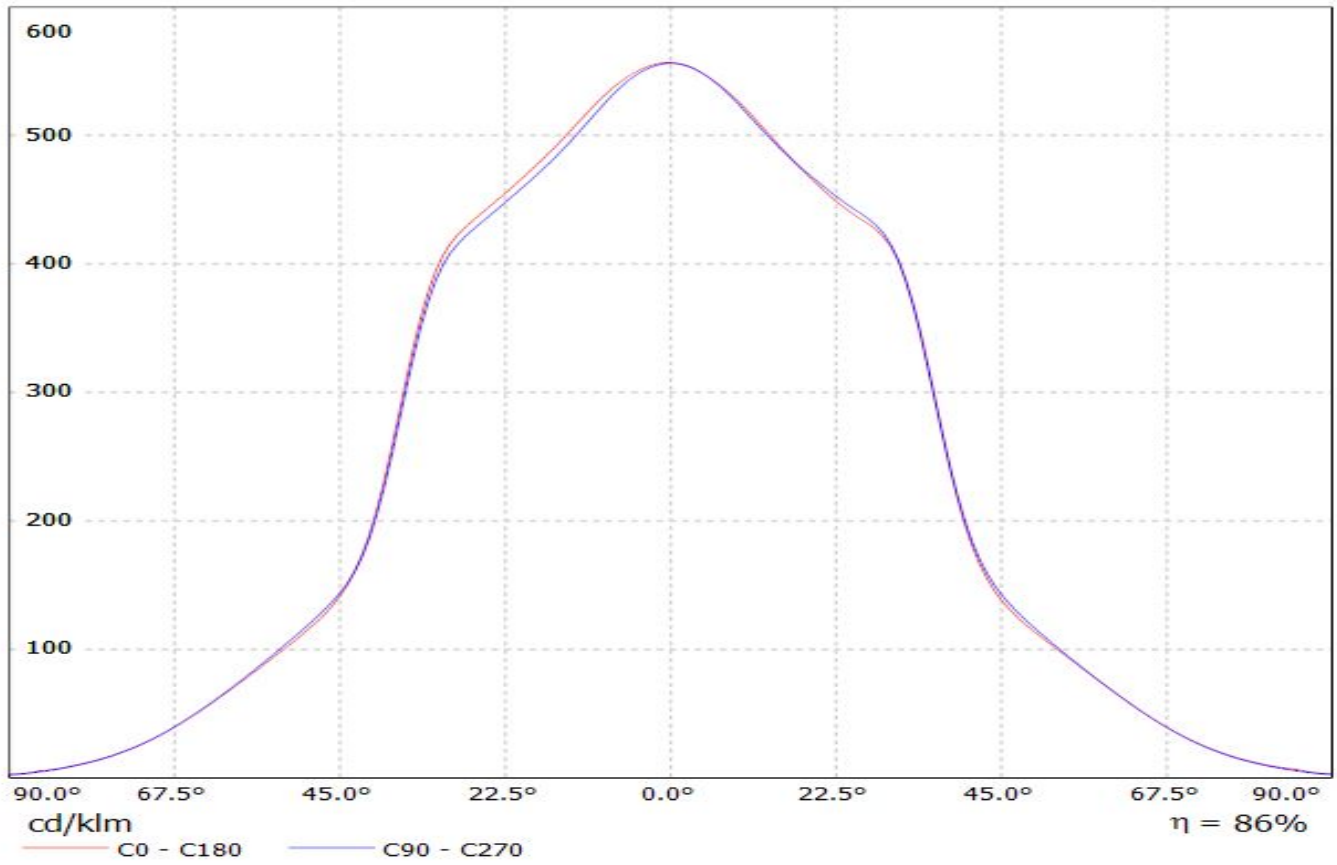


Luminaire: Ledil CN12978_LENINA-XW-DL_(COB-D_LES_14.5mm)

Lamps: 1 x Samsung_COB-D_Series_LES_14.5mm_(LC026D)_+C12691_1263.51lm@250mA_CCT=3000K_P=8.1565W_I=0.25A

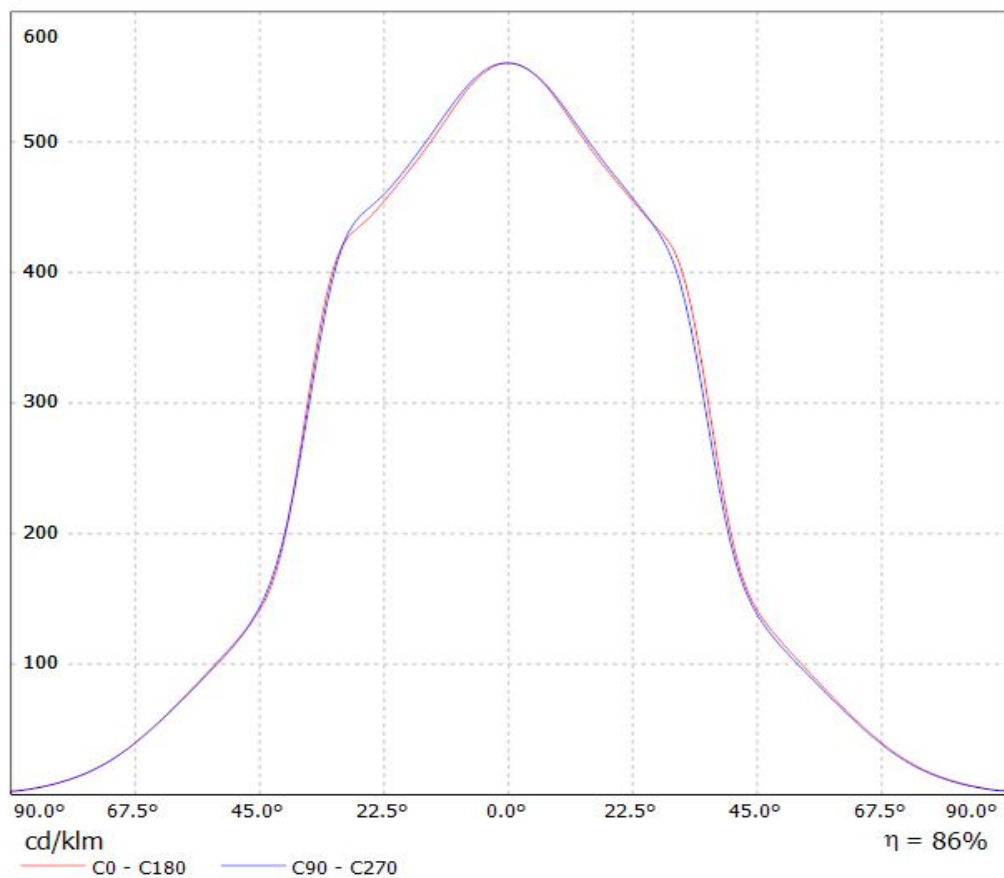


Luminaire: LEDiL Oy CN12978_LENINA-XW-DL_(ZC12) Eff.85.8%
Lamps: 1 x SEOUL_ZC12_(SDW82F1C)_1209.83lm@250mA_CCT=3000K_P=8.64658W_I=249.8mA

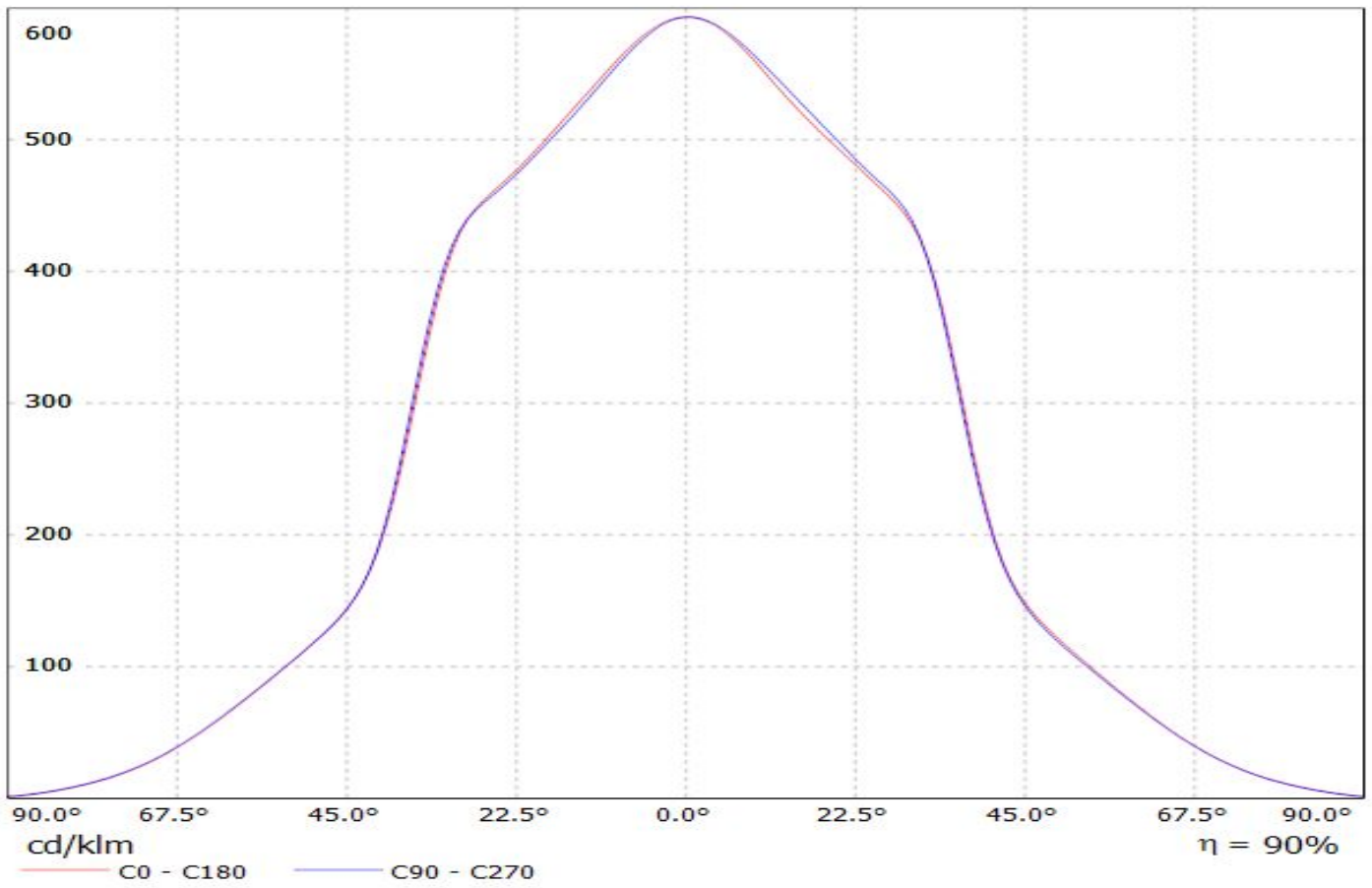


Luminaire: LEDiL Oy CN12978_LENINA-XW-DL_(SLE_G3_LES17) Eff.86.5%

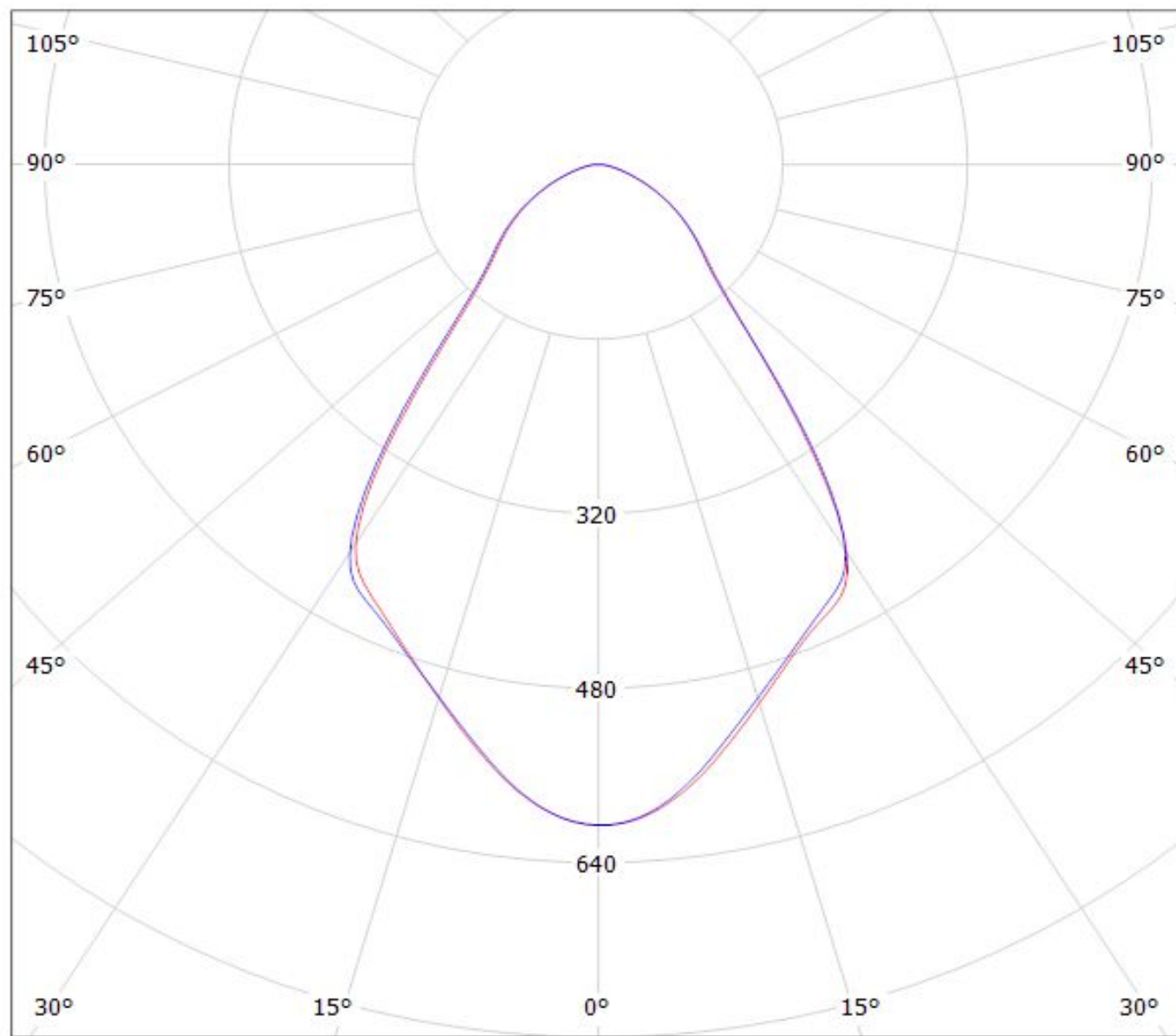
Lamps: 1 x TRIDONIC_STARK_SLE_G3_LES17_(STARK-SLE-PURE_G3-17-2000-840-CLA)_1011.62lm@250mA_P=8.29243W_I=249.9mA



Luminaire: LEDiL Oy CN12978_LENINA-XW-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 CN12978_LENINA-XW-DL
Lamps: 1 x CLL030 (891.15lm@250mA) Eff.88,4%

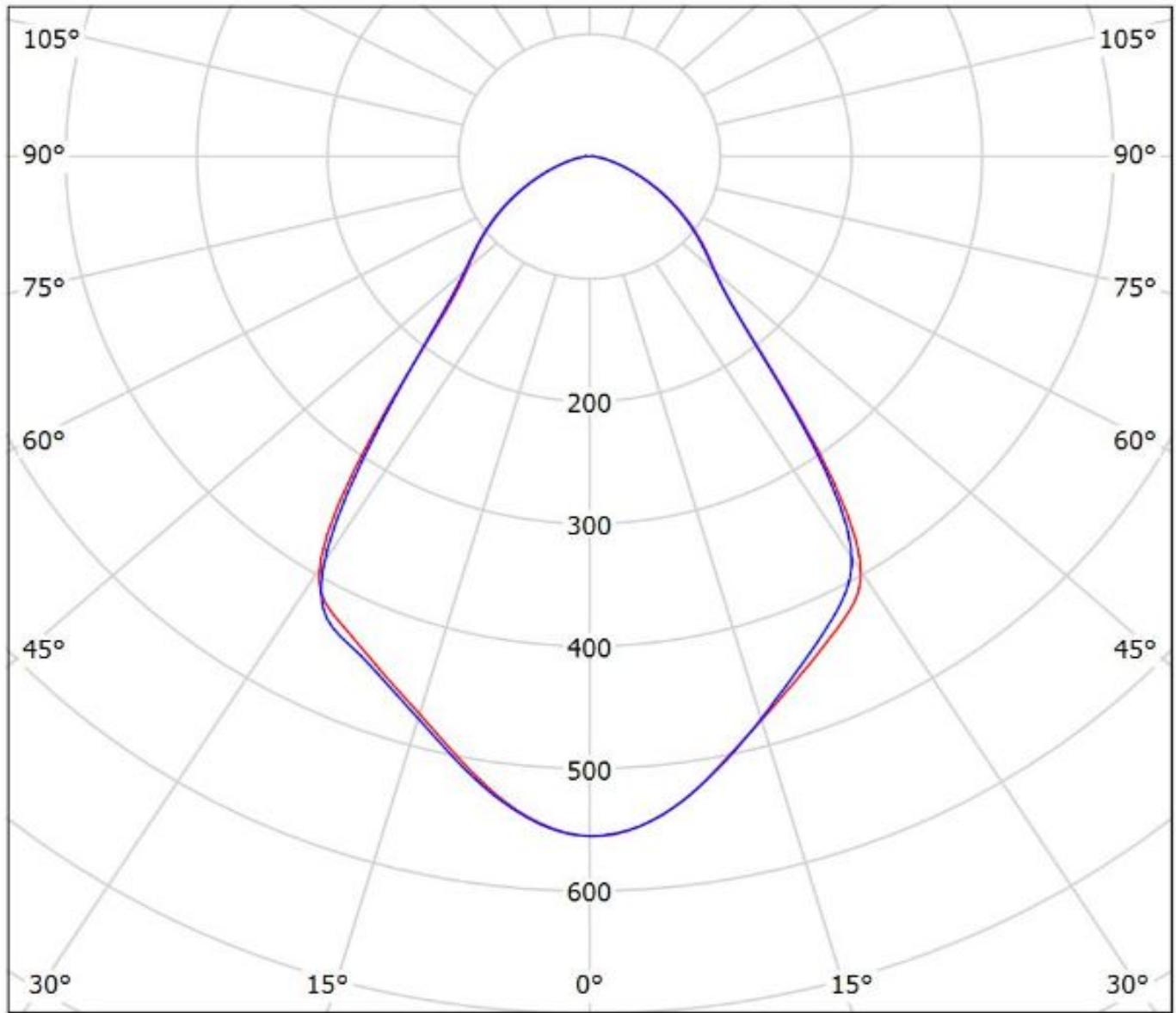


cd/klm

— C0 - C180 — C90 - C270

$\eta = 88\%$

Luminaire: Ledil CN12978_LENINA-XW-DL_(CLU720)
Lamps: 1 x CITIZEN_CLU720_(CLU720-1206B8-273M2)
_1312.67lm@250mA_CCT=2700K_P=8.35W_I=0.25A

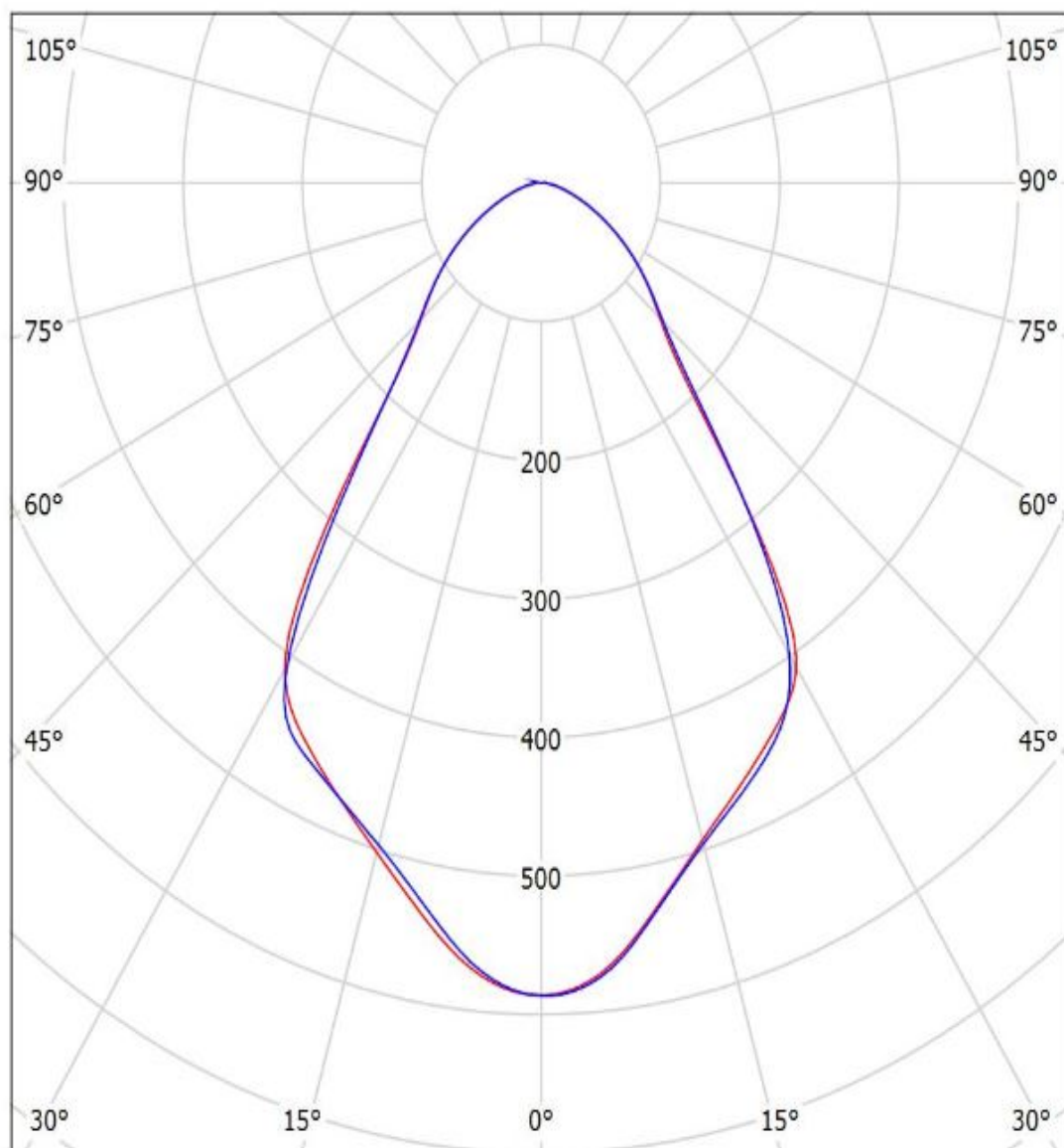


cd/klm
— C0 - C180 — C90 - C270

$\eta = 85\%$

Luminaire: Ledil CN12978_LENINA-XW-DL_(CLU710)

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



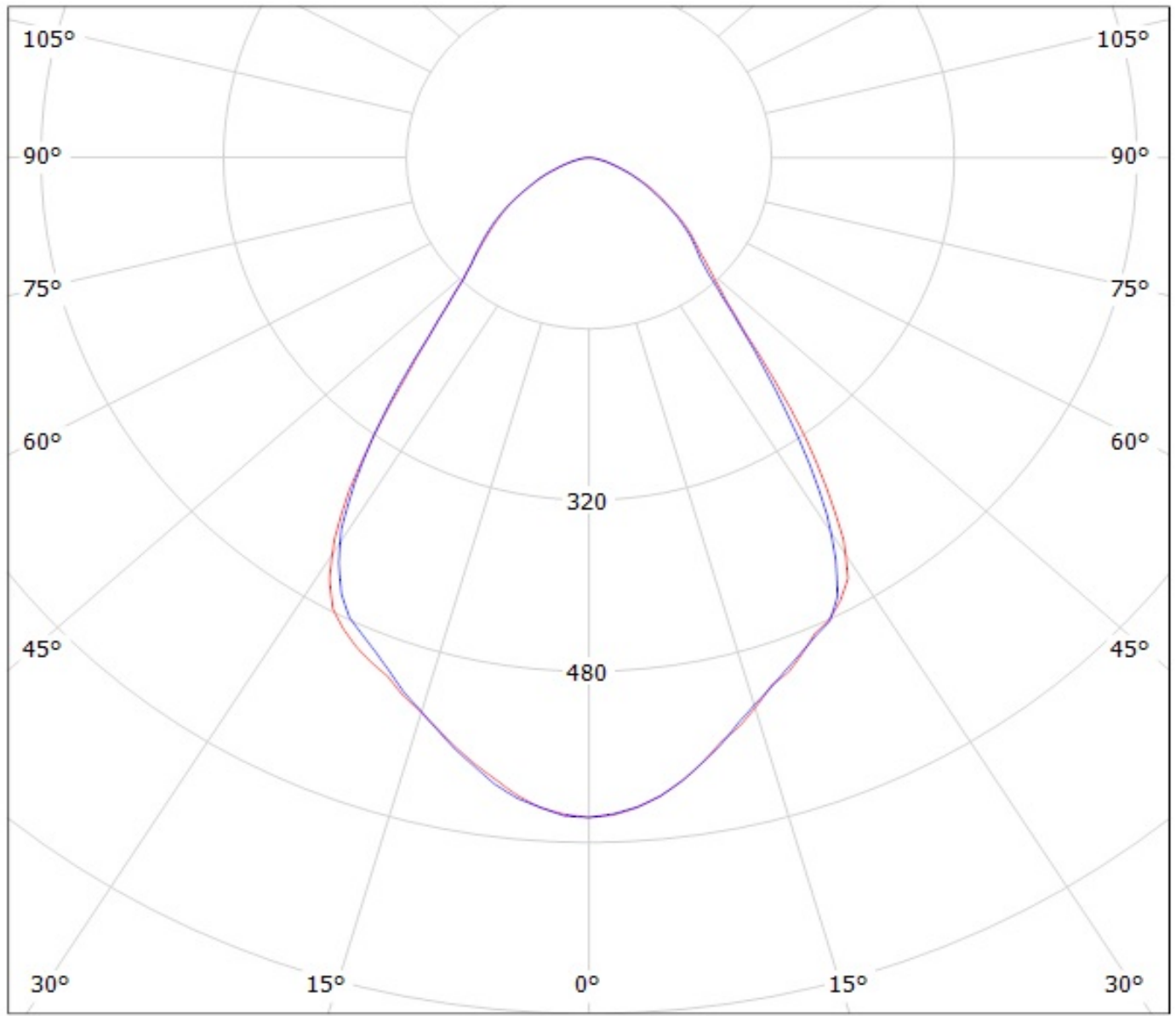
cd/klm

— C0 - C180 — C90 - C270

$\eta = 90\%$

Luminaire: LEDil Oy CN12978_LENINA-XW-DL_(CXM-14)

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



cd/klm

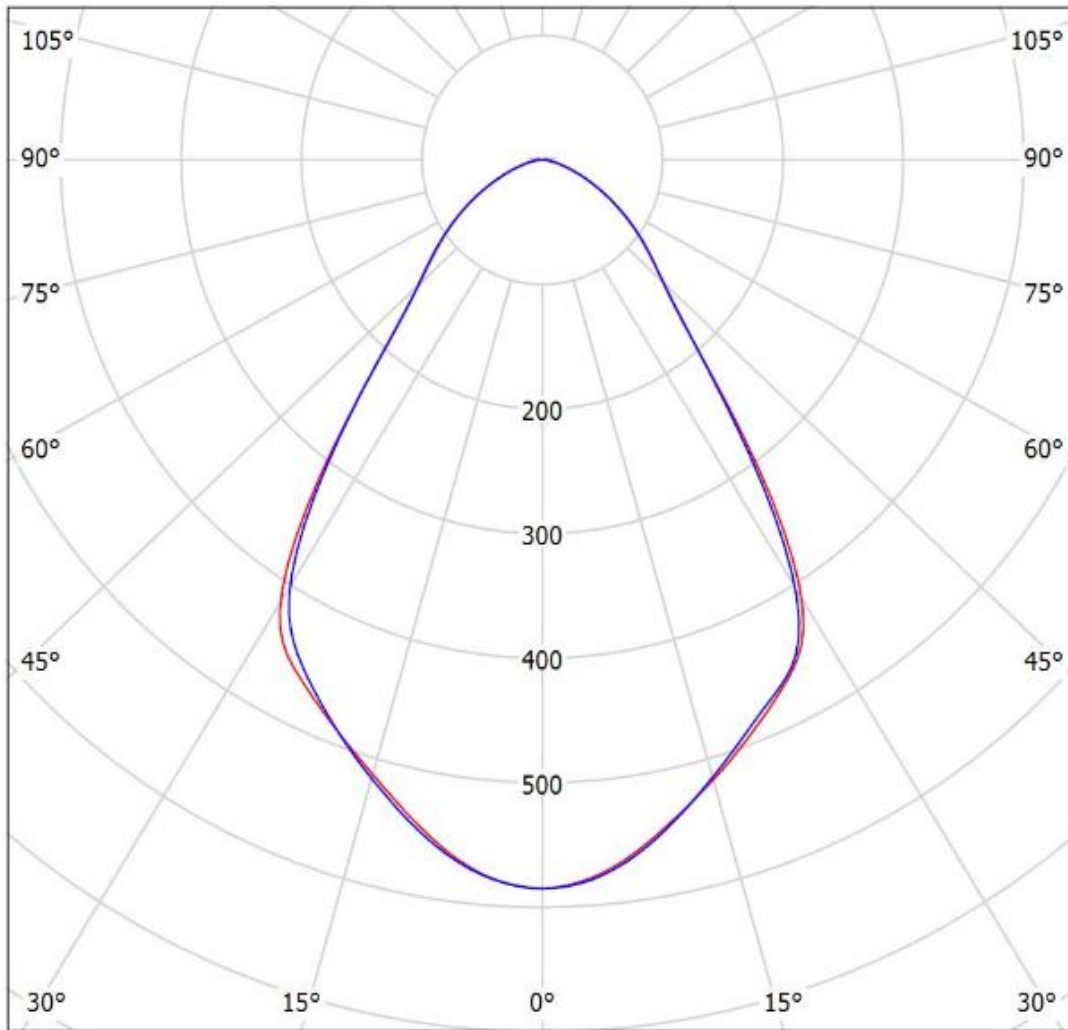
— C0 - C180

— C90 - C270

$\eta = 91\%$

Luminaire: Ledil CN12978_LENINA-XW-DL_(COB-D_LES_14.5mm)

Lamps: 1 x Samsung_COB-D_Series_LES_14.5mm_(LC026D)+C12691_1263.51lm@250mA_CCT=3000K_P=8.1565W_I=0.25A



cd/klm

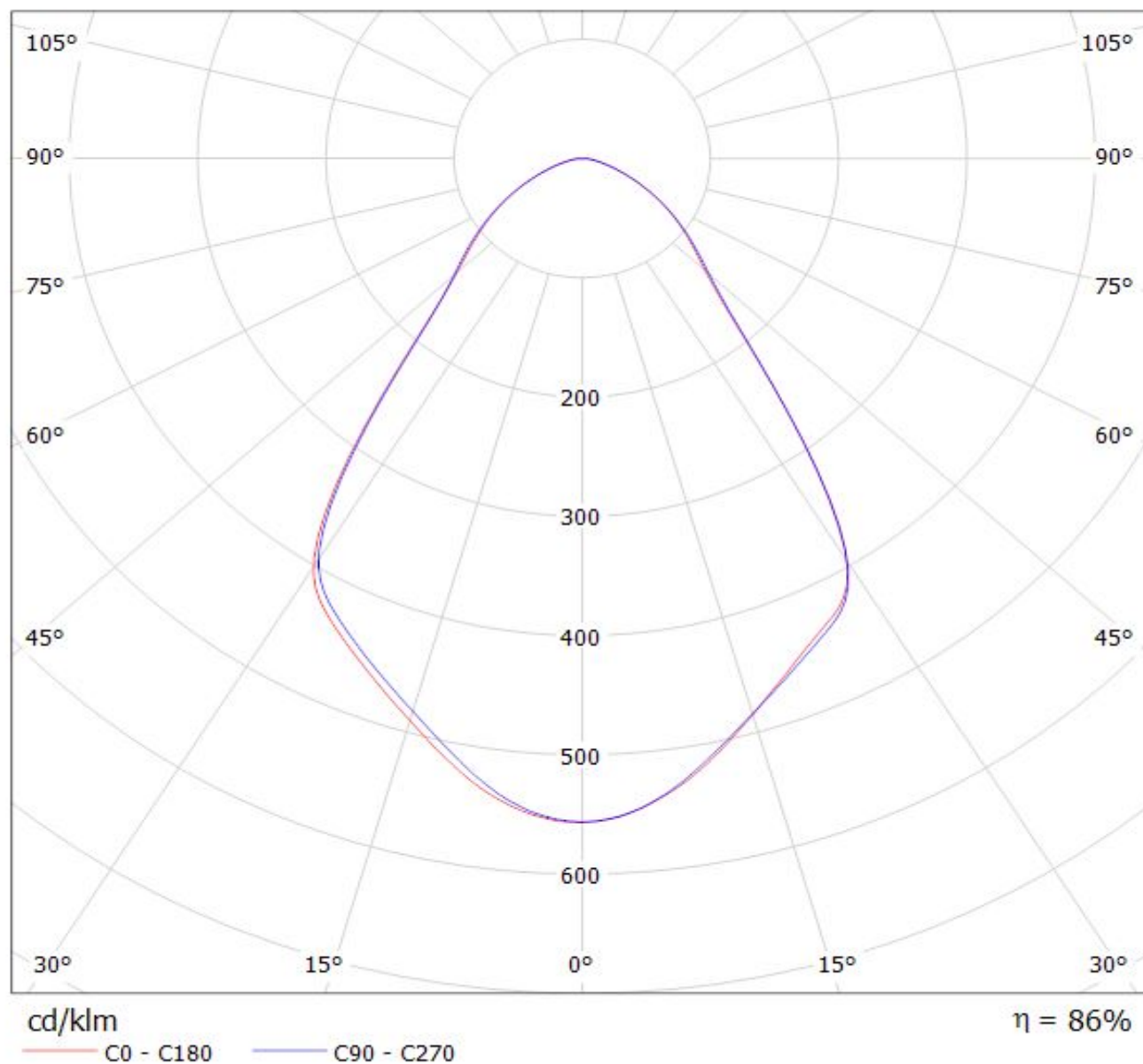
— C0 - C180

— C90 - C270

$\eta = 89\%$

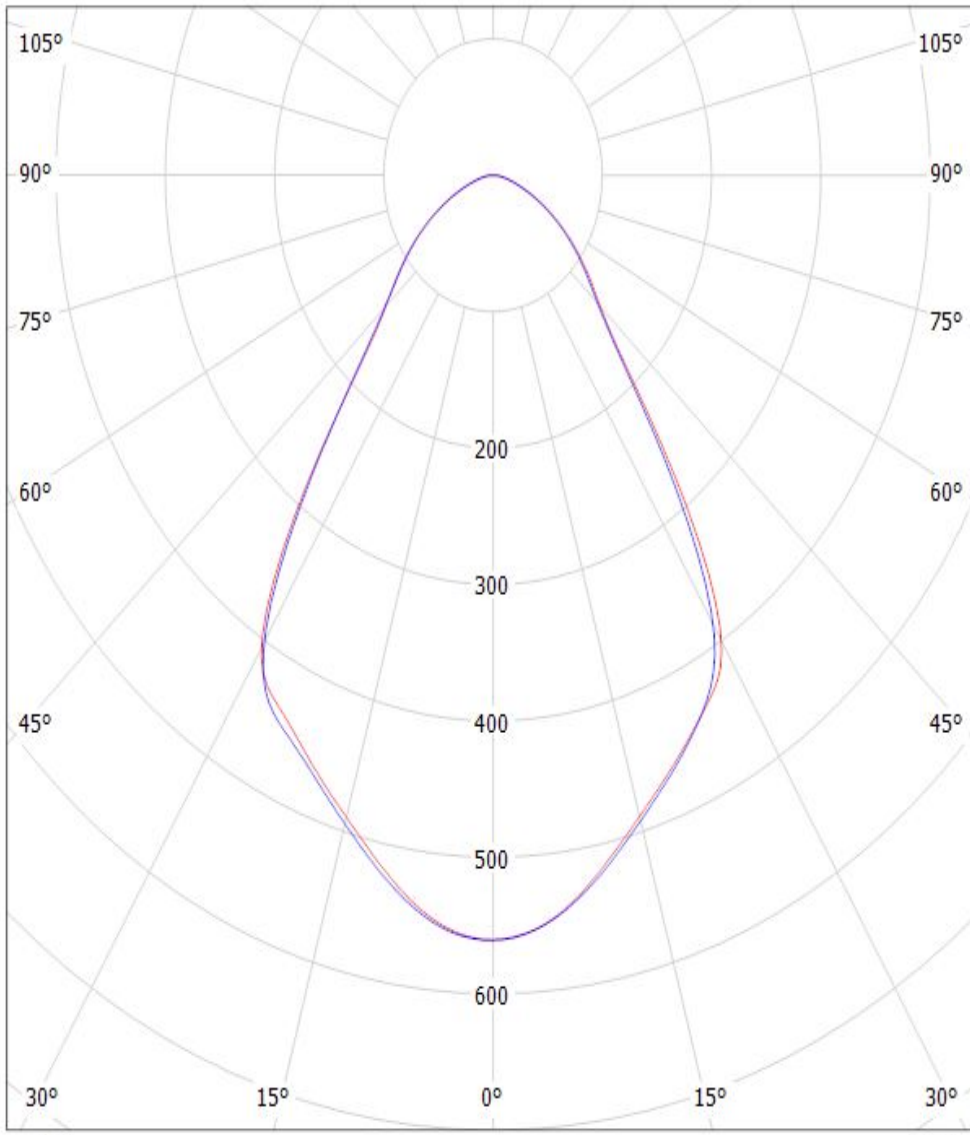
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Lamps: 1 x TRIDONIC_STARK_SLE_G3_LES17_(STARK-SLE-PURE_G3-17-2000-840-CLA)_1011.62lm@250mA_P=8.29243W_I=249.9mA



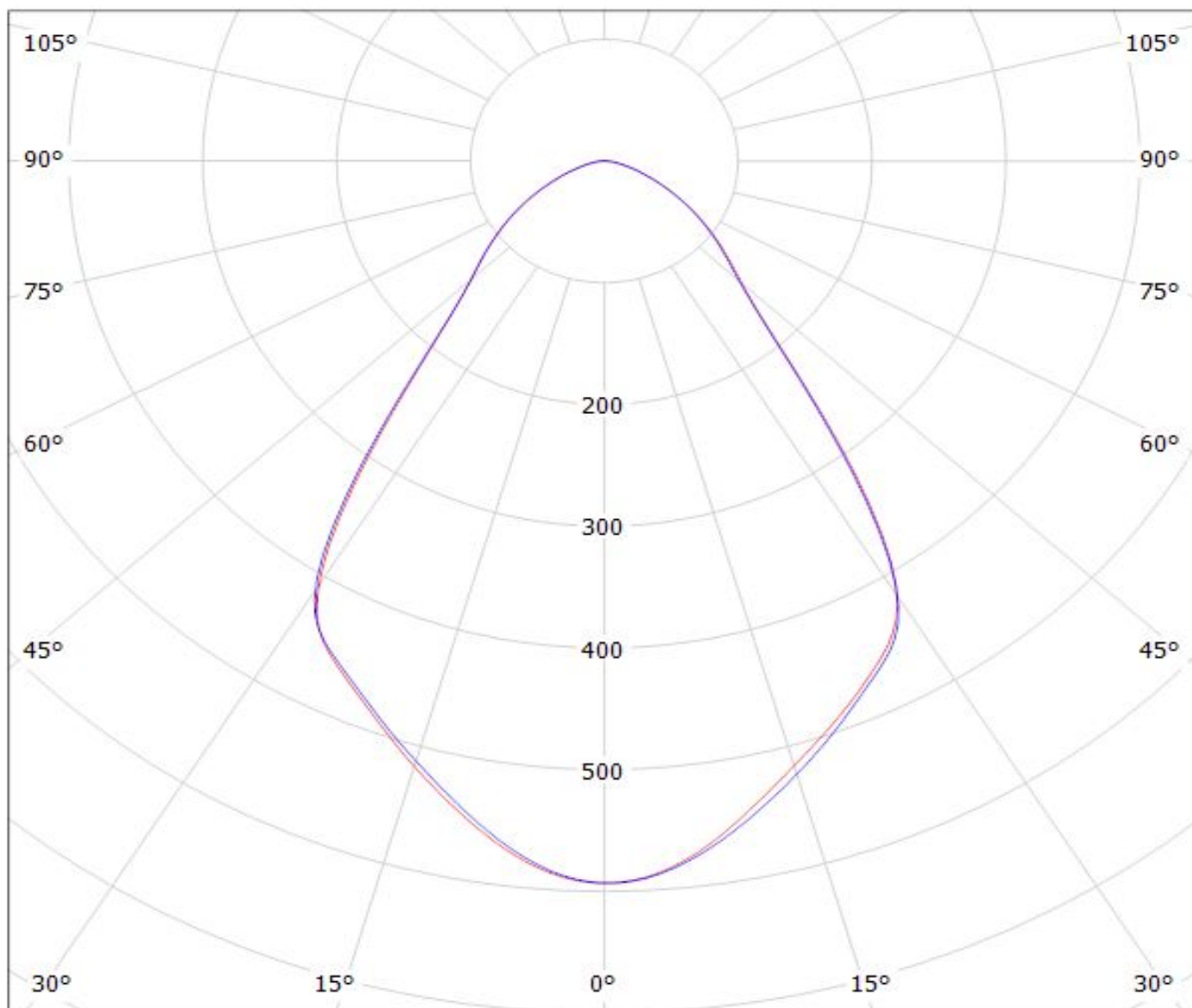
cd/klm

— C0 - C180 — C90 - C270

$\eta = 86\%$

Luminaire: LEDiL Oy CN12978_LENINA-XW-DL_(SLE-G5_LES-15)

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



cd/klm

— C0 - C180

— C90 - C270

$\eta = 90\%$

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.