

DETAILS

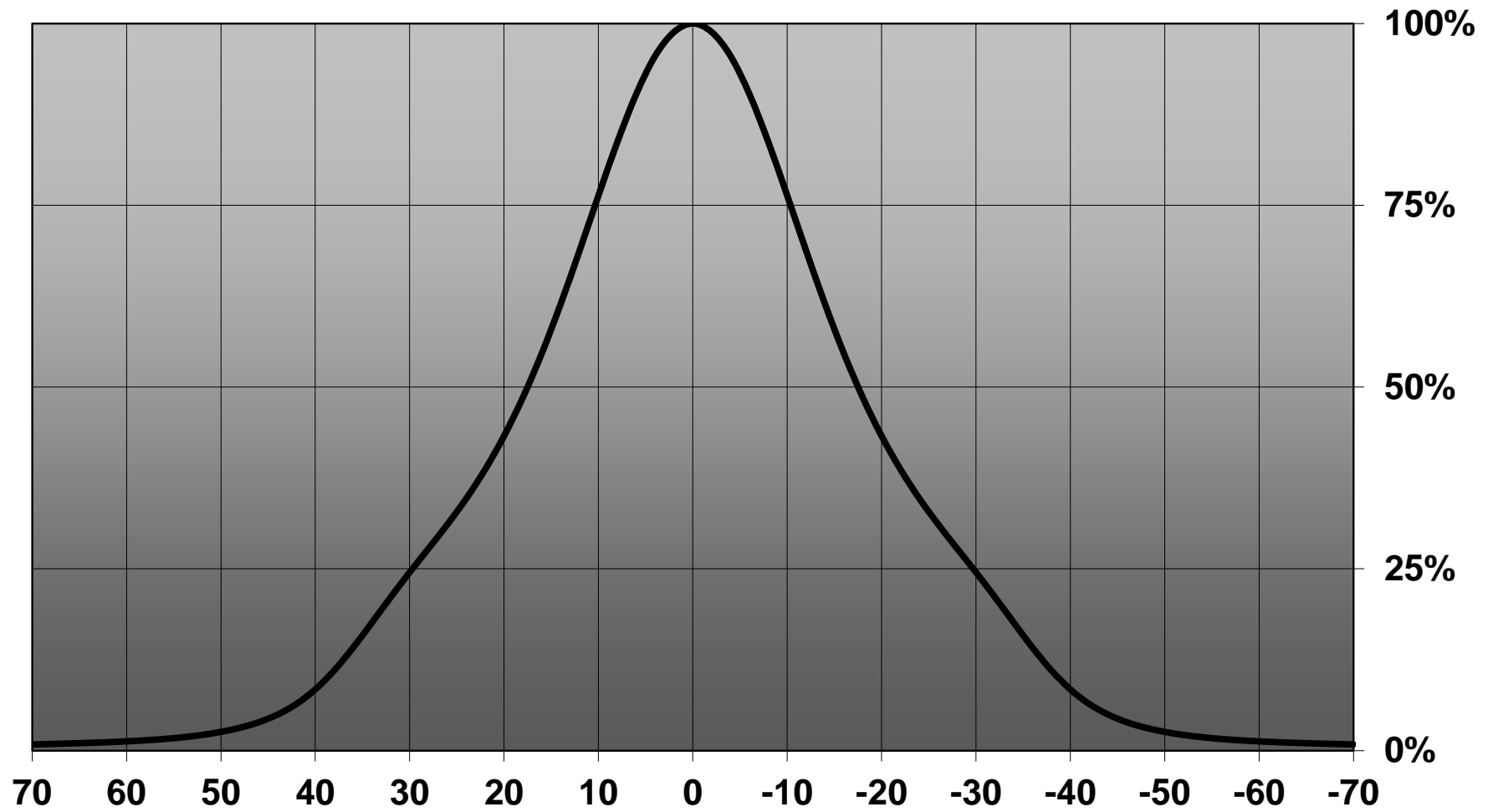
Product Number	CN12704_LENINA-M-DL
Family	Lenina
Type	RefPack
Color	metal
Diameter	74 mm
Height	47,5 mm
Style	round
Optic Material	PC
Holder Material	
Fastening	screw
Status	production ready
ROHS Compliant	Yes
Date Updated	31/10/2016

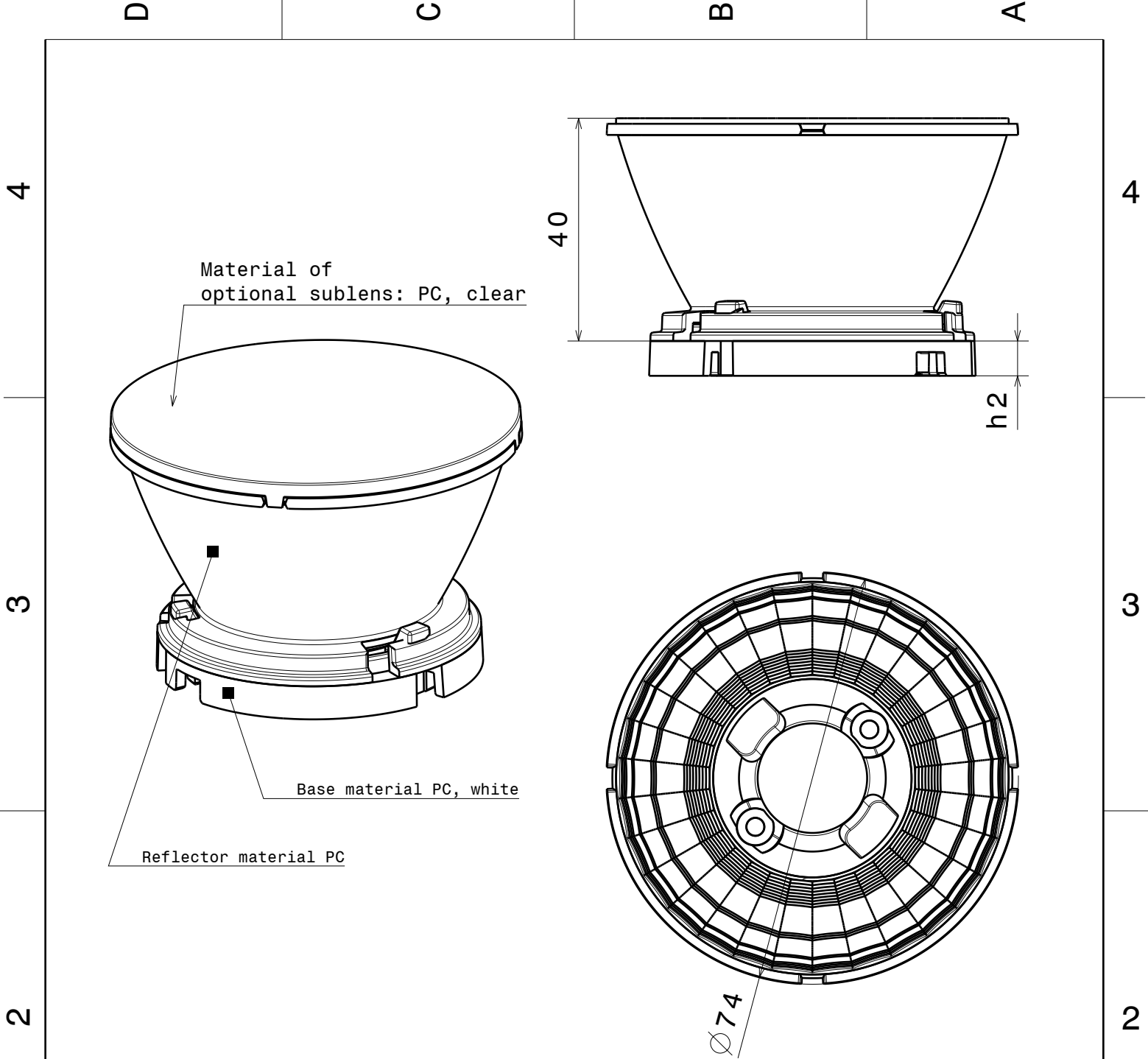
OPTICAL PROPERTIES

LED	Viewing	Light	Effi-		Connector
	Angle	Beam	ciency	cd/lm	
CLL03x/CLU03x	30 deg	Medium	87 %	2.000	-
CLU720/721	26 deg	Medium	84 %	2.100	-
CLU710/711	24 deg	Medium	89 %	2.400	-
CXM-14	31 deg	Medium	89 %	2.100	LEDiL: LEDiL
COB D Series LES 14.5 mm	33 deg	Medium	87 %	1.800	-
ZC12/18	sim: 32	Medium	sim: 84 %	sim: 1.800	-
STARK SLE PURE G3 LES17	sim: 38	Medium	-	sim: 1.730	-
SLE G5 LES15	29 deg	Medium	89 %	2.100	LEDiL: LEDiL



Relative intensity of CN12704_LENINA-M-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

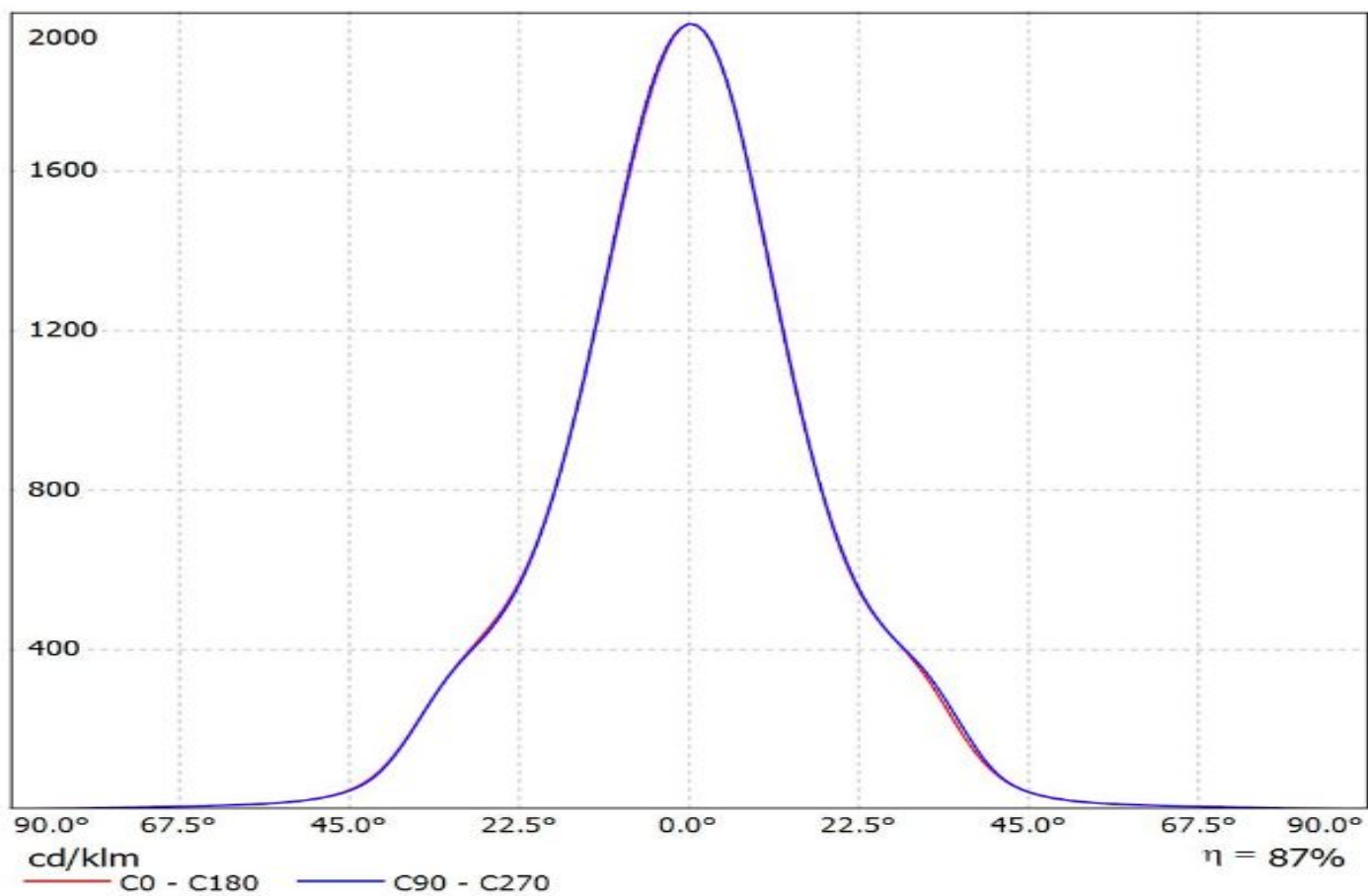
DRAWN BY ks	DATE 23.04.2014	SIZE A4			DRAWING NUMBER --		REV 1
CHECKED BY	DATE	SCALE 1:1		WEIGHT (g)		SHEET 1/1	
DESIGNED BY pl	DATE 08.03.2012						

D

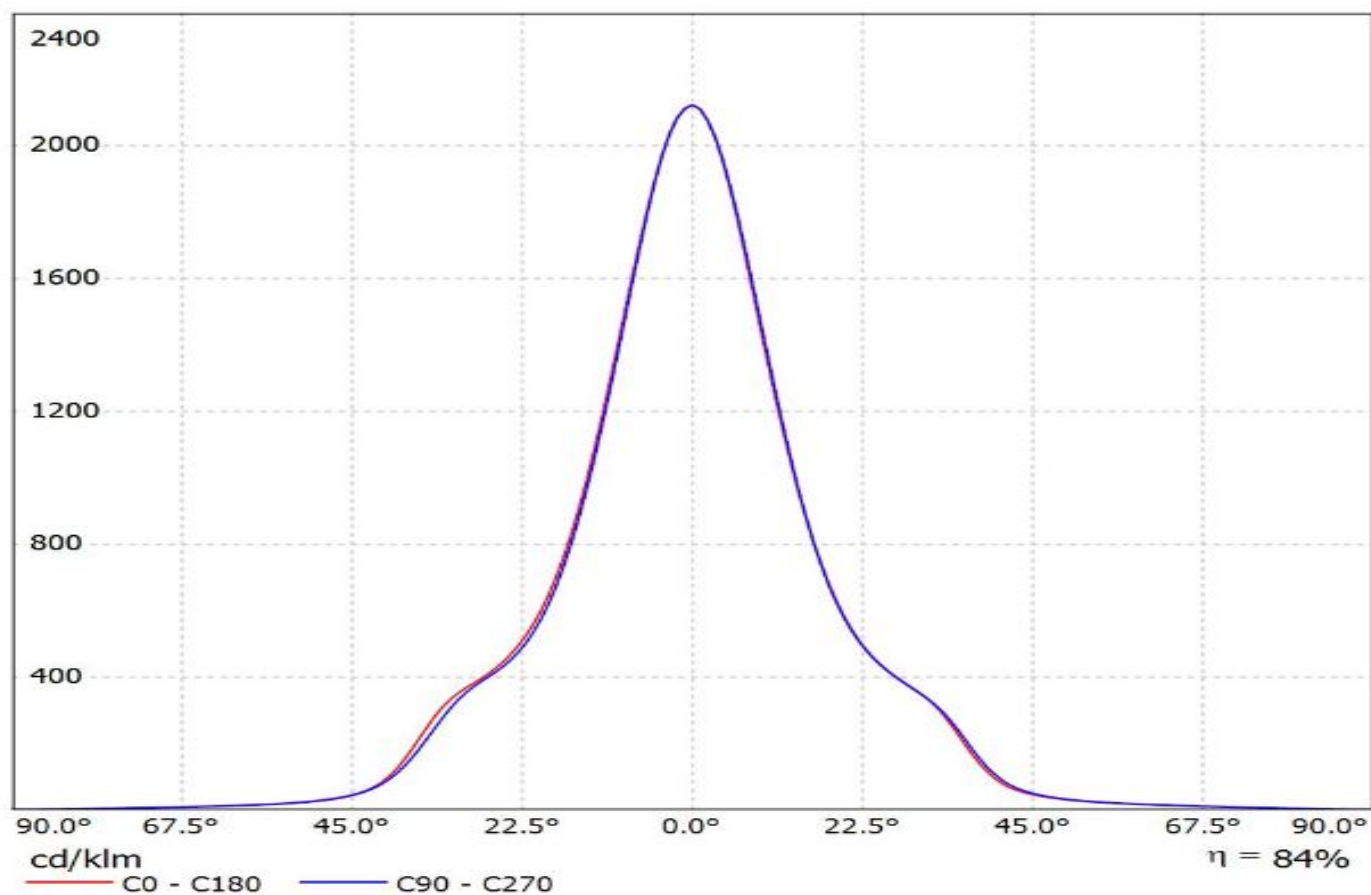
A

Luminaire: Ledil CN12704_LENINA-M-DL_(CLU036)

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

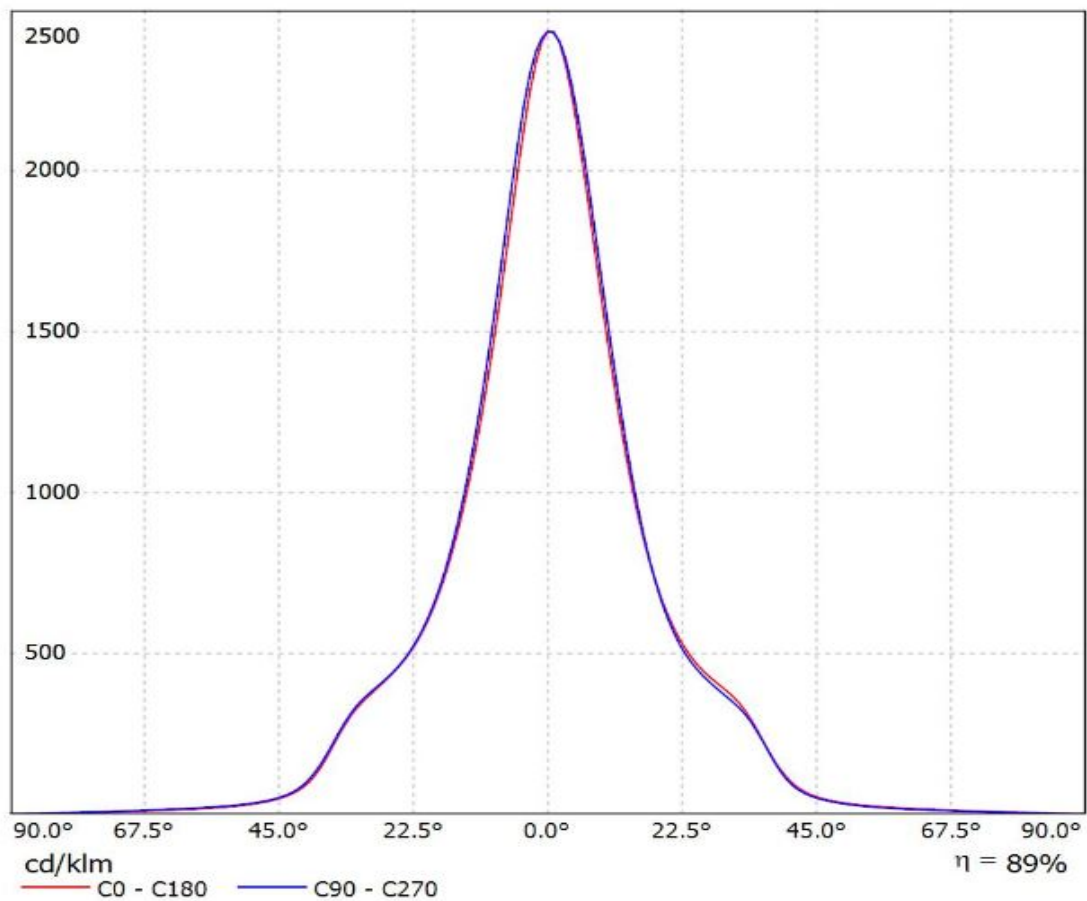


Luminaire: Ledil CN12704_LENINA-M-DL_(CLU720)
Lamps: 1 x CITIZEN_CLU720_(CLU720-1206B8-273M2)
_1312.67lm@250mA_CCT=2700K_P=8.35W_I=0.25A



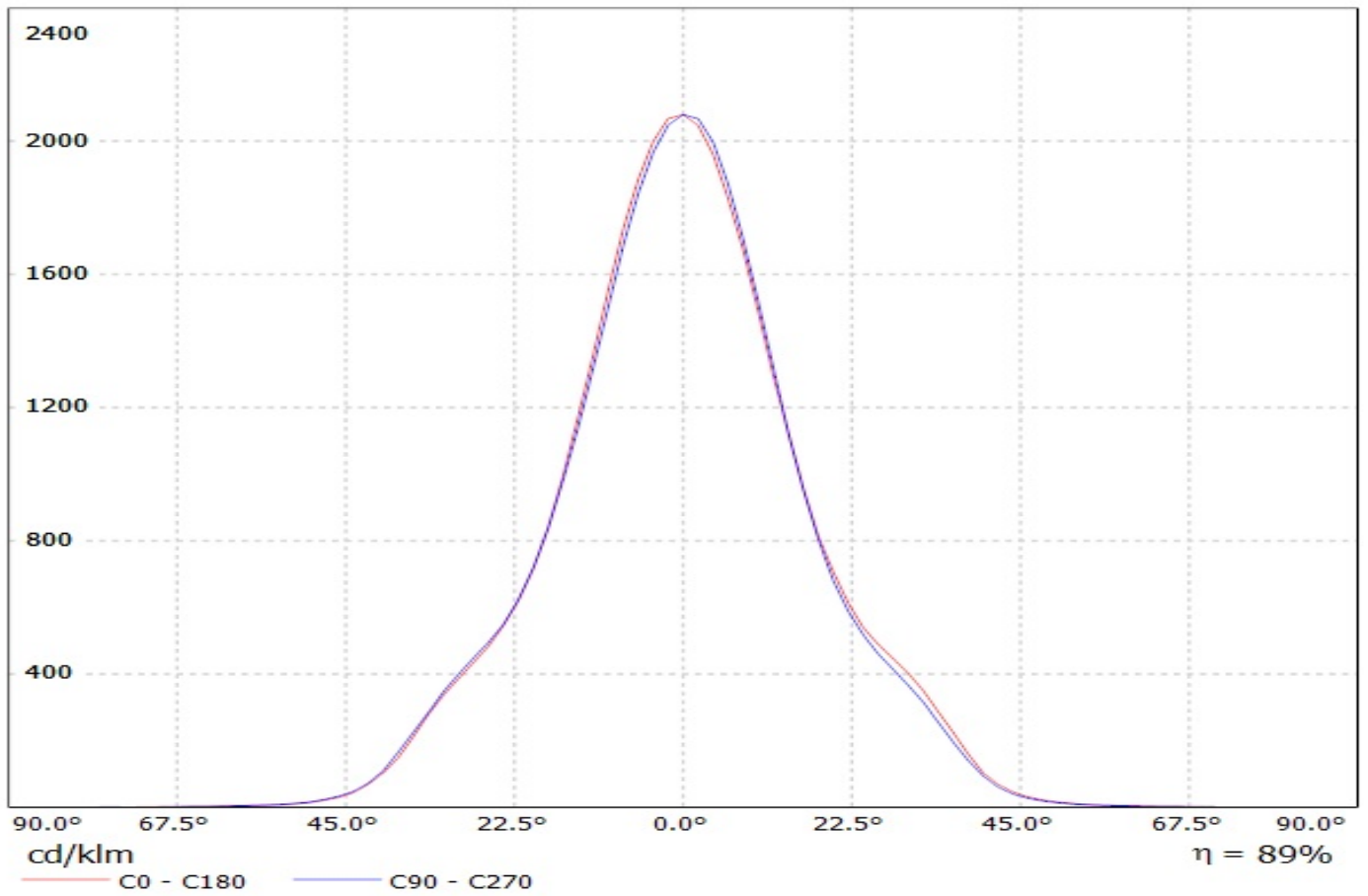
Luminaire: Ledil CN12704_LENINA-M-DL_(CLU710)

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



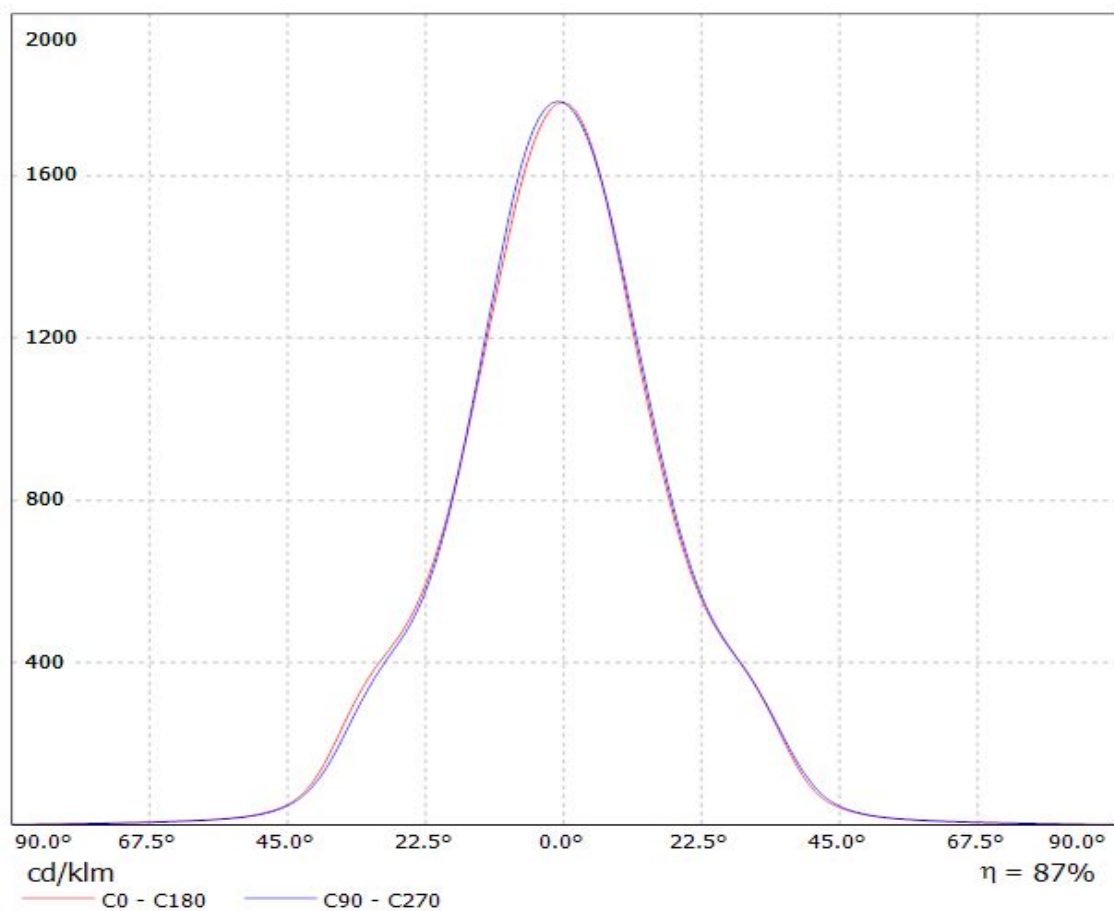
Luminaire: LEDil Oy CN12704_LENINA-M-DL (CXM-14)

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



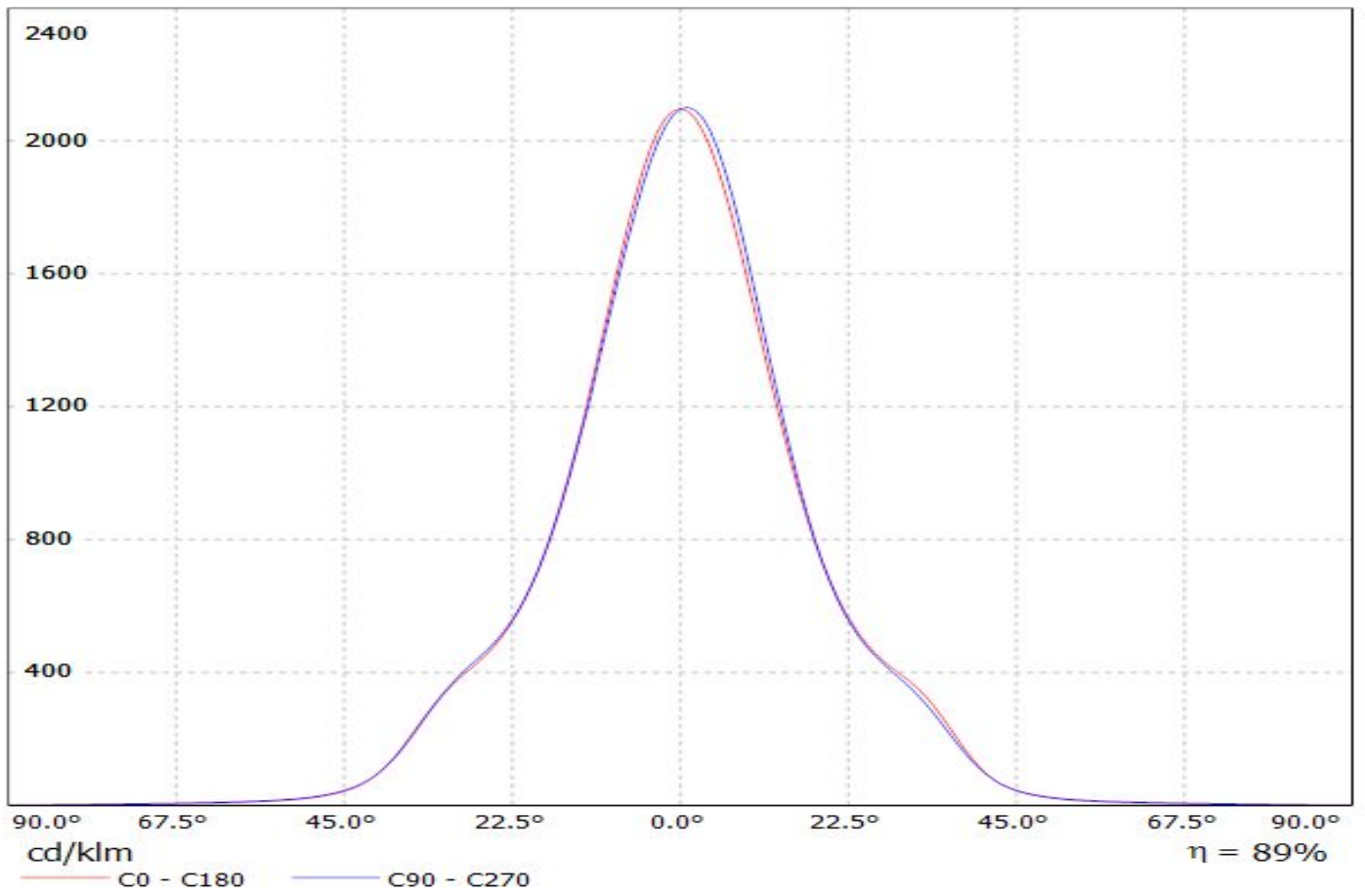
Luminaire: Ledil CN12704_LENINA-M-DL_(COB-D_LES_14.5mm)

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



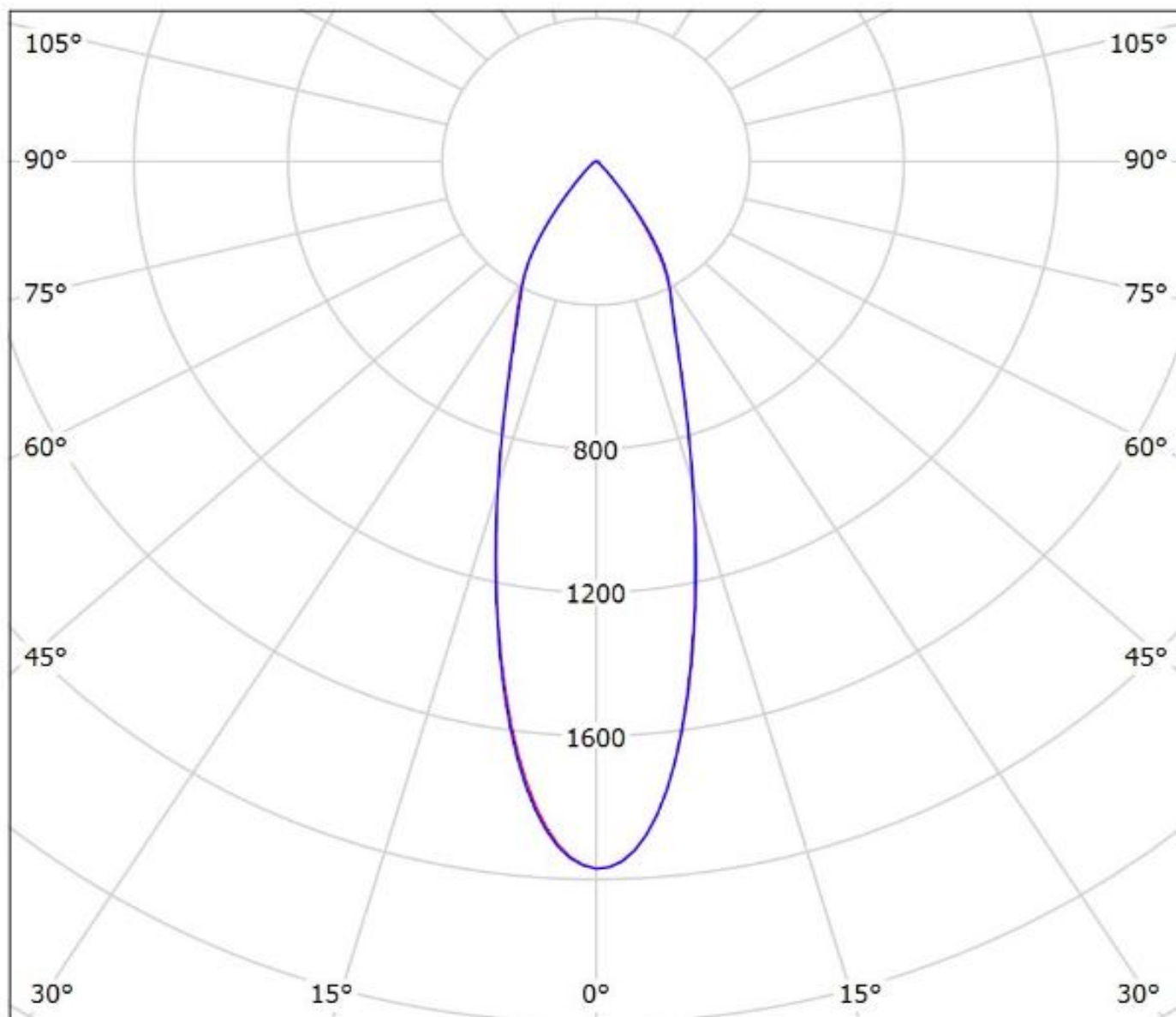
Luminaire: LEDiL Oy CN12704_LENINA-M-DL_(SLE-G5_LES-15)

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



Luminaire: Ledil CN12704_LENINA-M-DL_(CLU036)

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

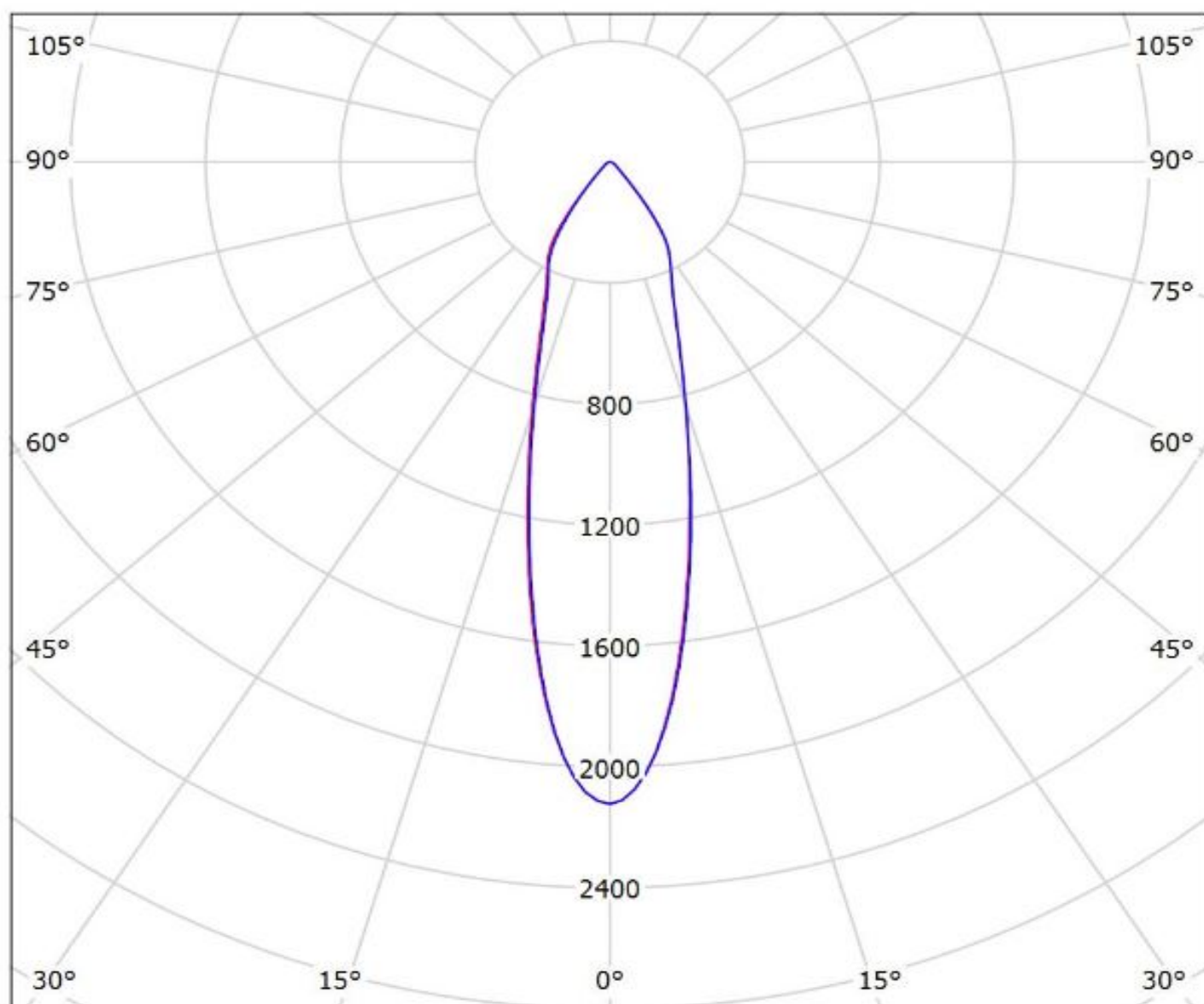


cd/klm

— C0 - C180 — C90 - C270

$\eta = 87\%$

Luminaire: Ledil CN12704_LENINA-M-DL_(CLU720)
Lamps: 1 x CITIZEN_CLU720_(CLU720-1206B8-273M2)
_1312.67lm@250mA_CCT=2700K_P=8.35W_I=0.25A



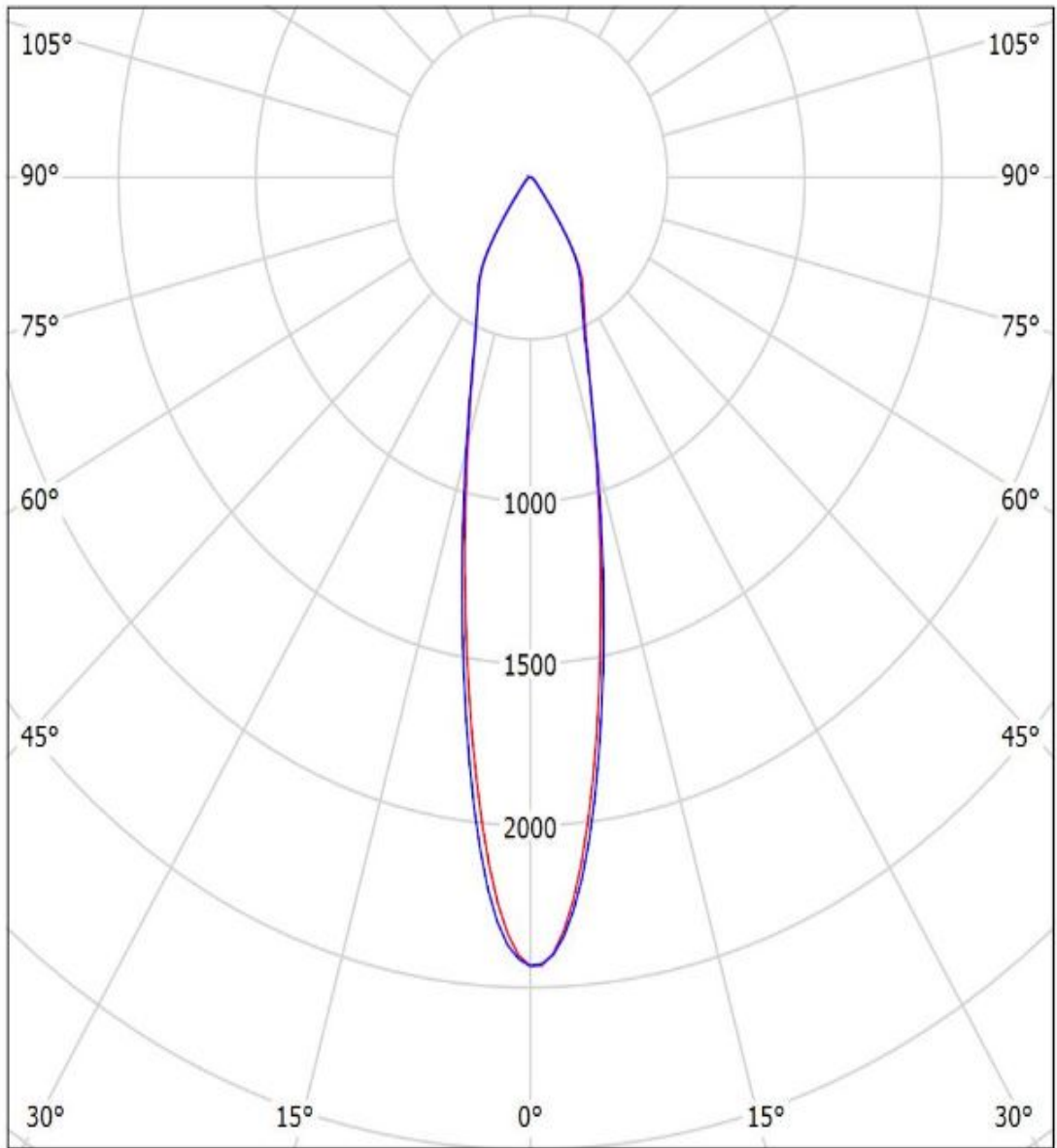
cd/klm

— C0 - C180 — C90 - C270

$\eta = 84\%$

Luminaire: Ledil CN12704_LENINA-M-DL_(CLU710)

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



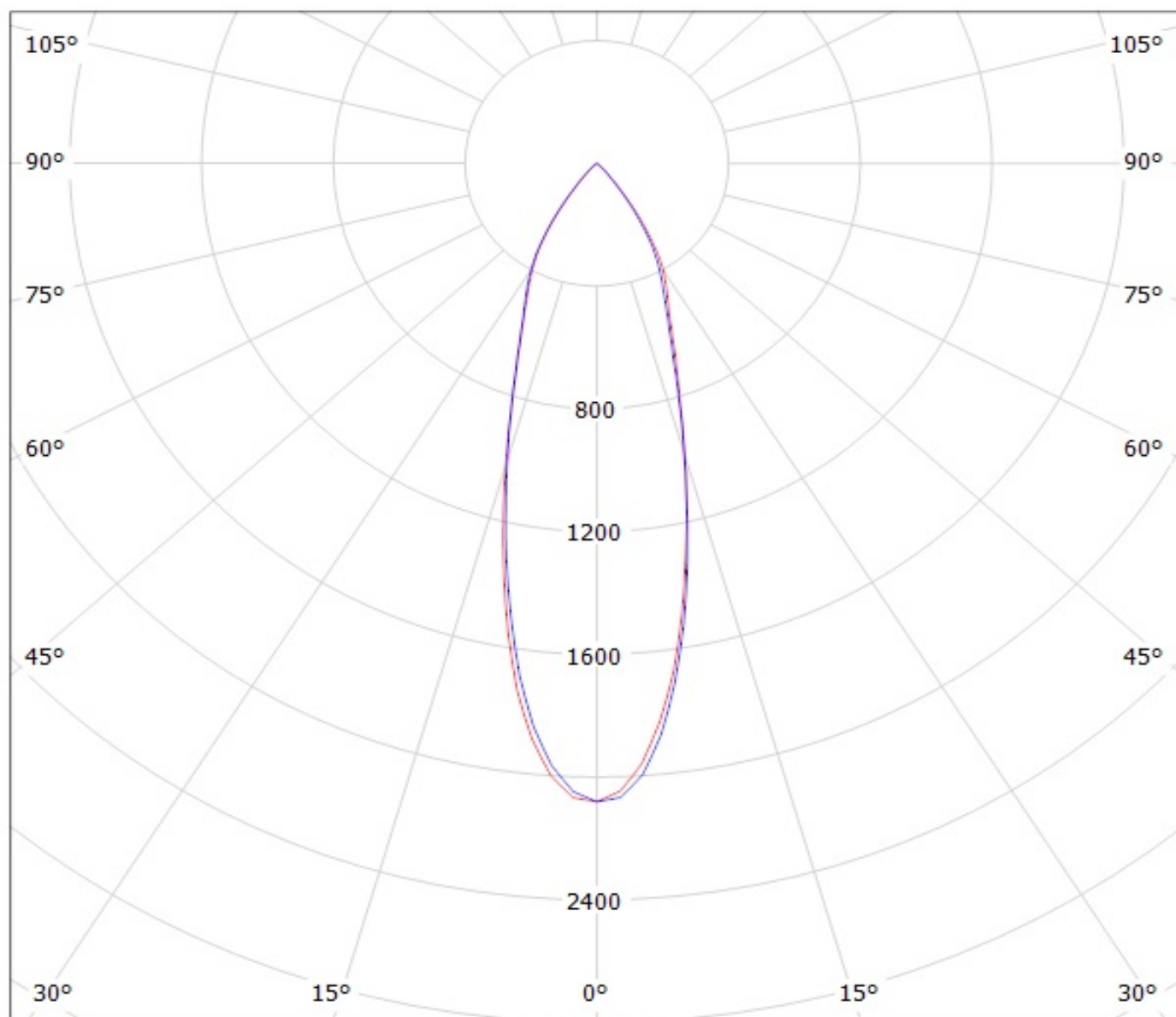
cd/klm

— C0 - C180 — C90 - C270

$\eta = 89\%$

Luminaire: LEDil Oy CN12704_LENINA-M-DL_(CXM-14)

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



cd/klm

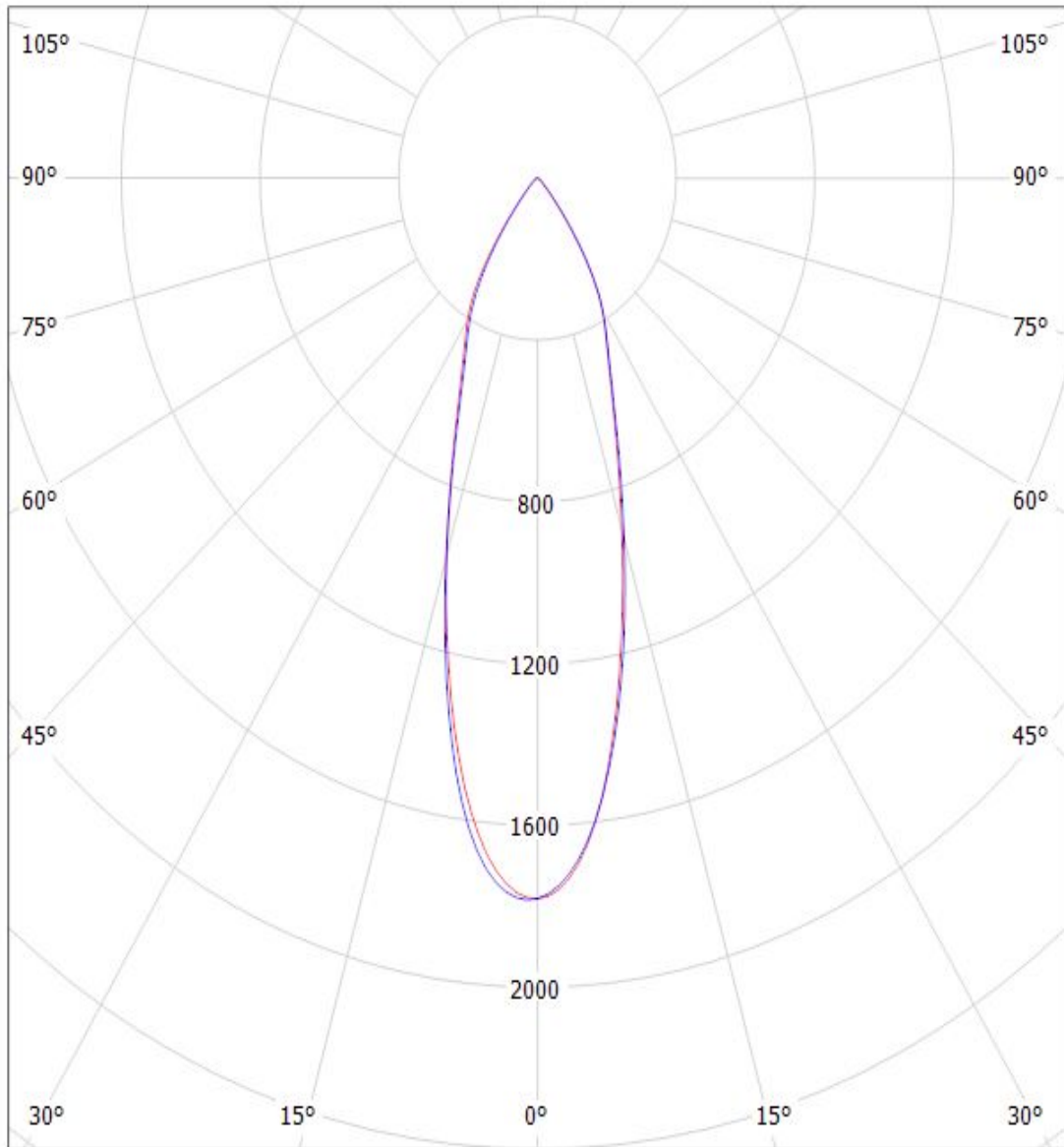
— C0 - C180

— C90 - C270

$\eta = 89\%$

Luminaire: Ledil CN12704_LENINA-M-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

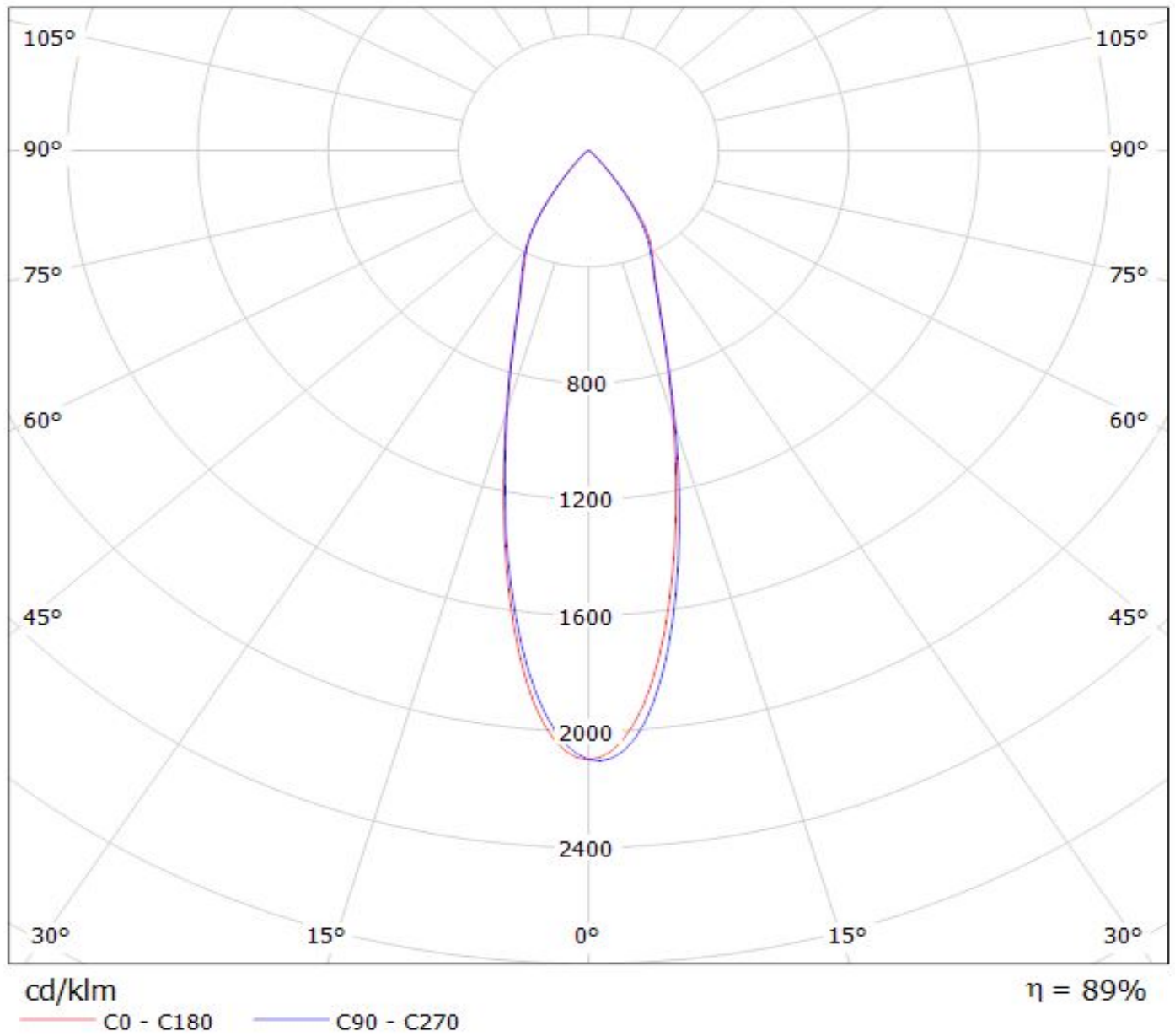
— C0 - C180

— C90 - C270

$\eta = 87\%$

Luminaire: LEDiL Oy CN12704_LENINA-M-DL_(SLE-G5_LES-15)

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



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.