

DETAILS

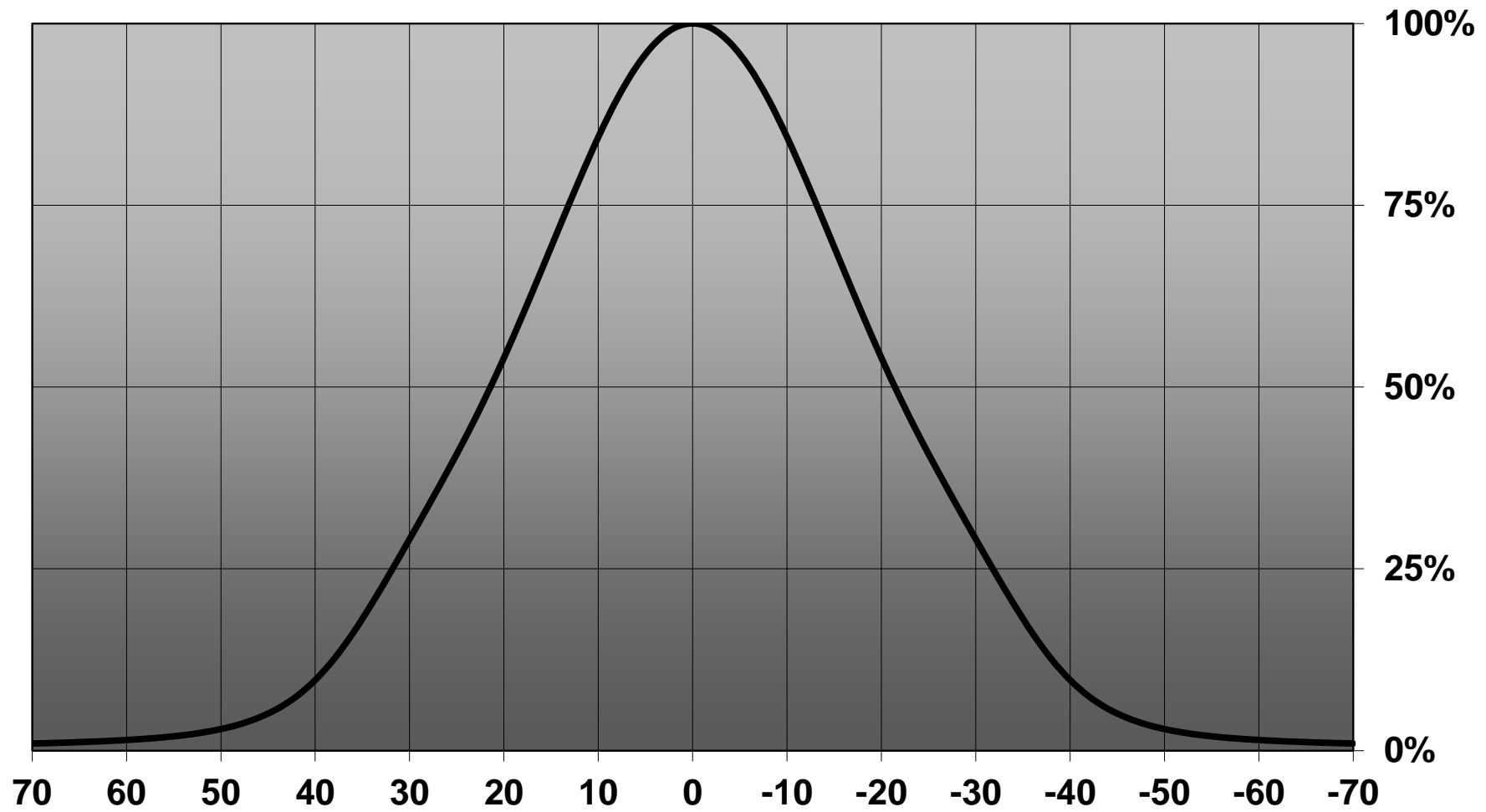
Product Number	CN12710_LENINA-M-DL
Family	Lenina
Type	RefPack
Color	metal
Diameter	74 mm
Height	48,4 mm
Style	round
Optic Material	PC
Holder Material	
Fastening	screw
Status	production ready
ROHS Compliant	Yes
Date Updated	31/10/2016

OPTICAL PROPERTIES

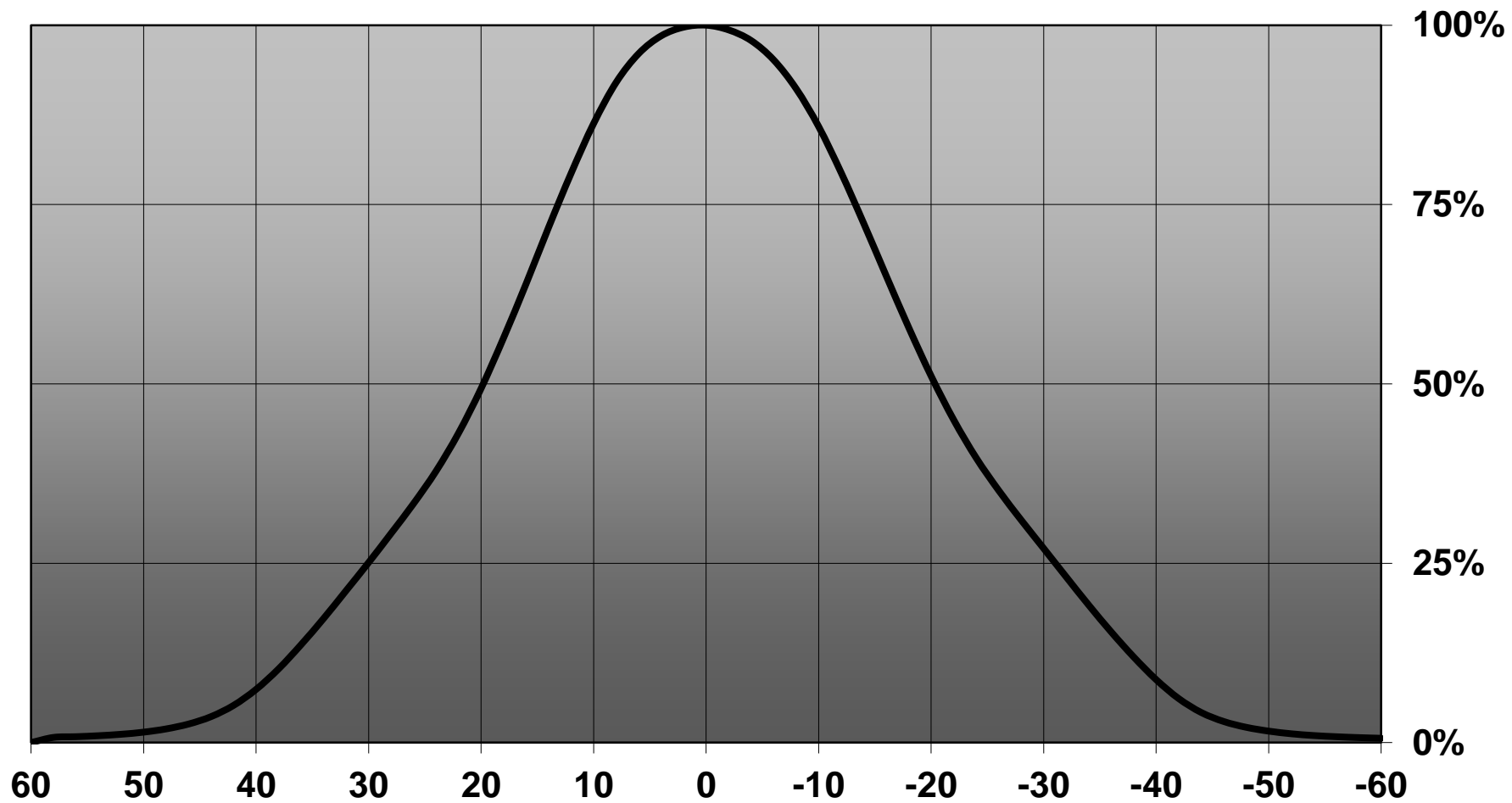
LED	Viewing	Light	Efficiency	cd/lm	Connector
	Angle	Beam			
CLL04x/CLU04x	43 deg	Medium	78 %	1.200	-
CLU730/731	26 deg	Medium	84 %	2.100	-
LUXEON CoB 1216	40 deg	Medium	88 %	1.470	LEDiL: LEDiL
CXM-22	40 deg	Medium	89 %	1.600	LEDiL: LEDiL
COB D Series LES 22 mm	41 deg	Medium	87 %	1.400	-
ZC25/40	44 deg	Medium	81 %	1.200	-



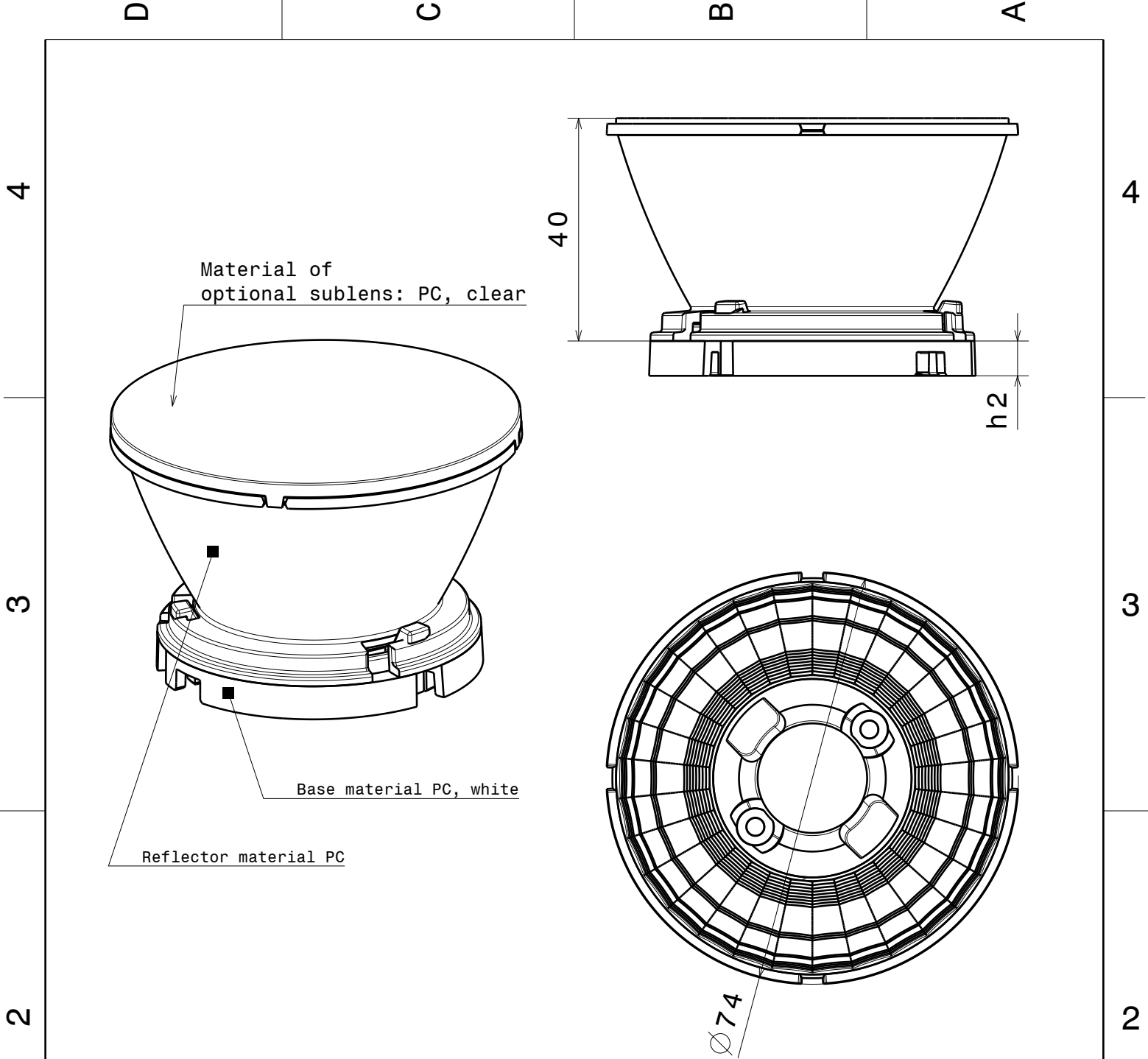
Relative intensity of CN12710_LENINA-M-DL



Relative intensity of CN12710_LENINA-M-DL_(CXM-22)



— 1: 0-180



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

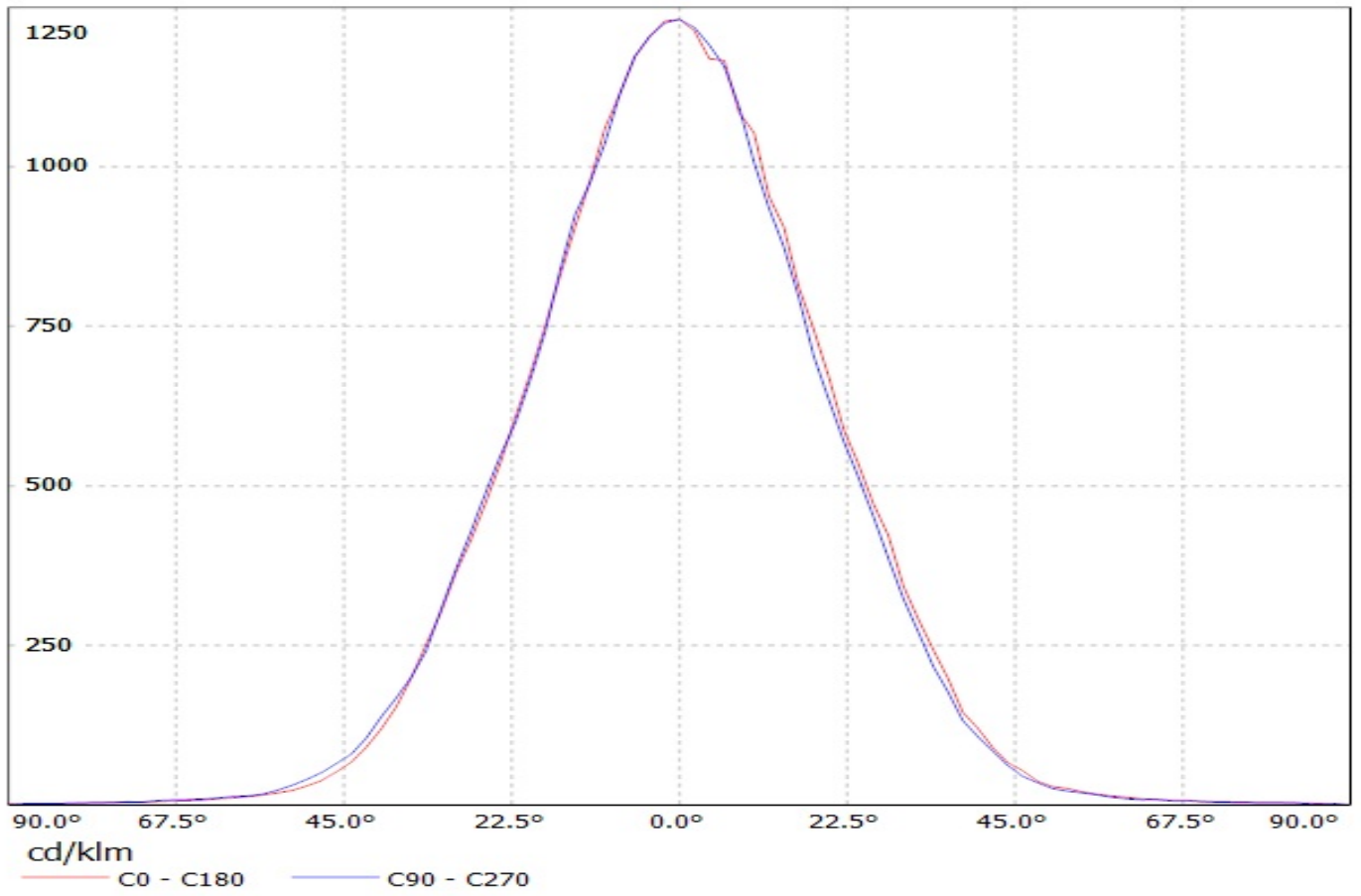
Datasheet Lenina series

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

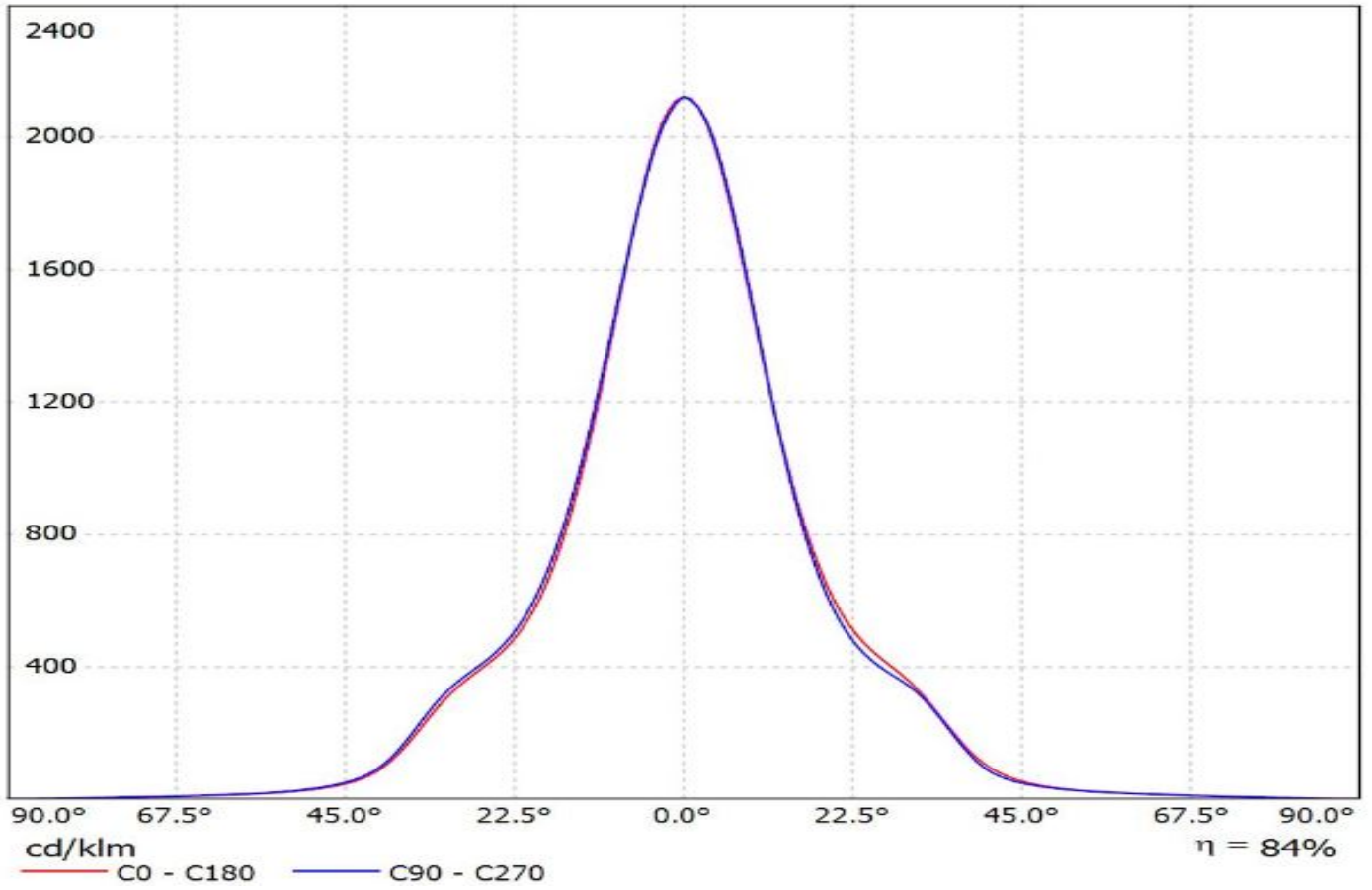
D

A

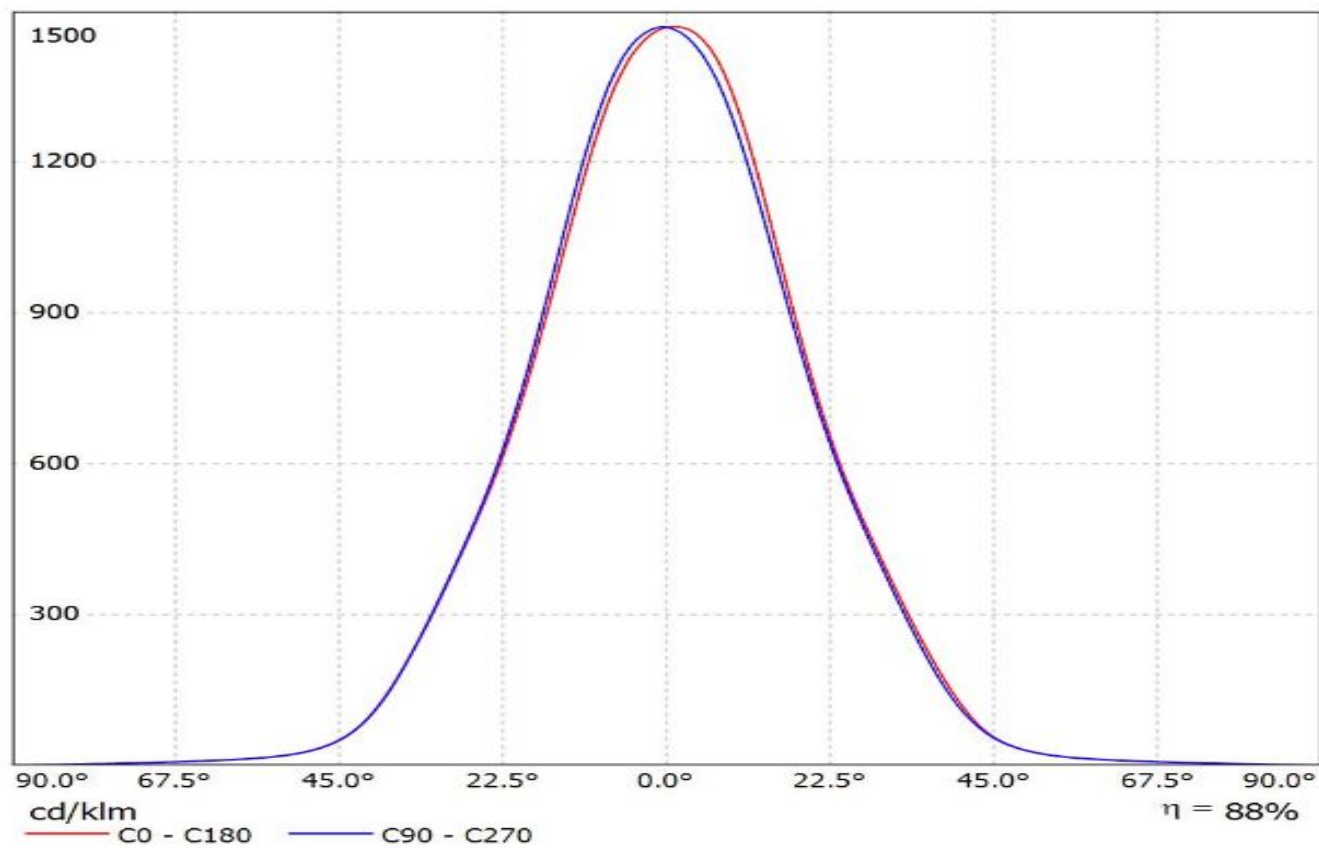
Luminaire: Ledil Oy CN12710_LENINA-M-DL (Citizen CLL040 1044lm @ 250mA) Efficiency=78%
Lamps: 1 x Citizen CLL040 1044lm @ 250mA



Luminaire: Ledil CN12710_LENINA-M-DL_(CITIZEN_CLU730)
Lamps: 1 x CITIZEN_CLU730_(C12692_LENA-STD-BASE-CLL040)
_783.884lm@250mA_P=8.5W_I=0.25A

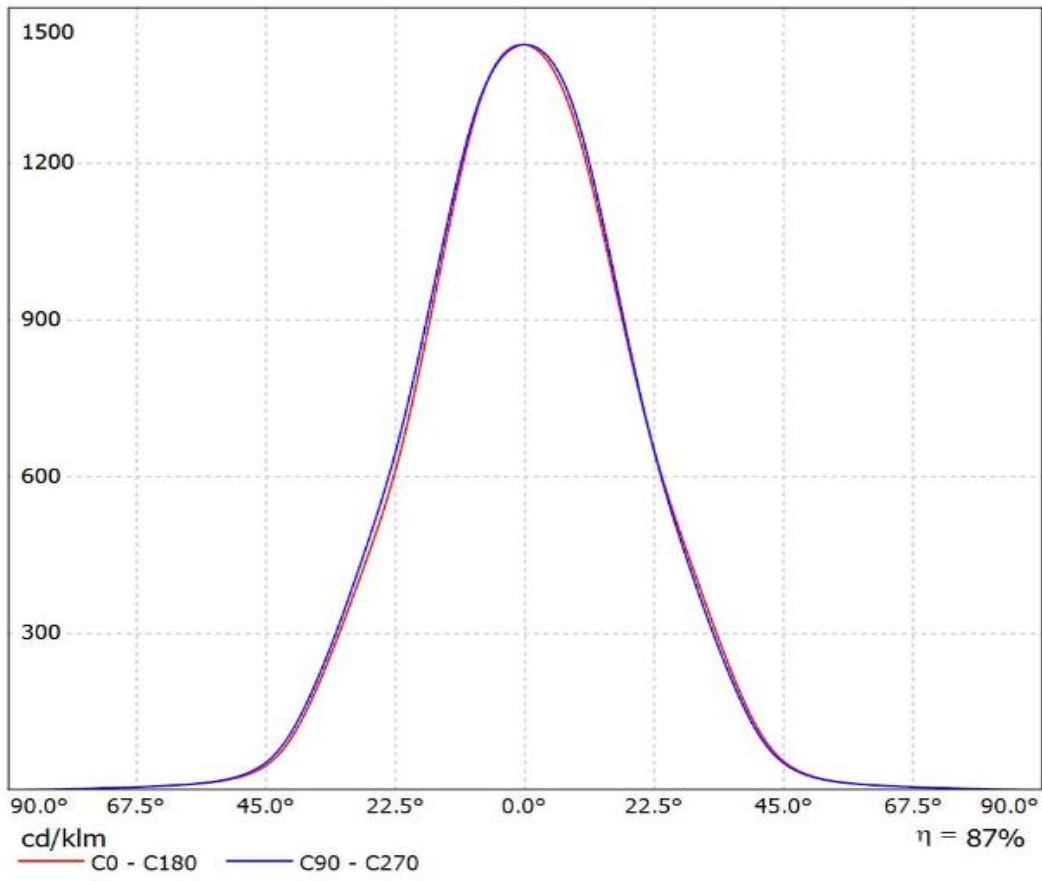


Luminaire: Ledil CN12710_LENINA-M-DL_(CoB_1216)
Lamps: 1 x Luxeon_CoB_1216_(L2C2-40801216E2300)_1399.08lm@250mA_P=8.00375W_I=0.25A



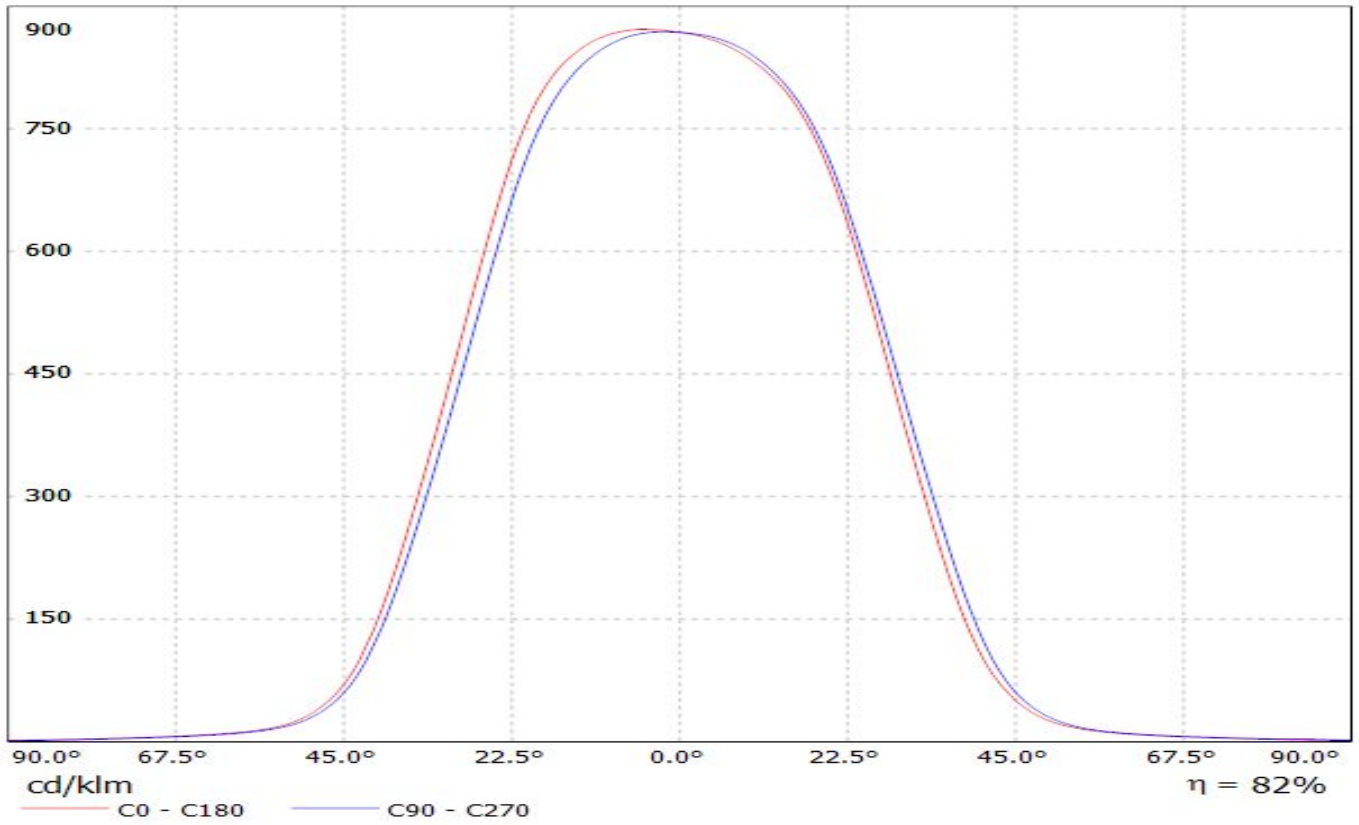
Luminaire: Ledil CN12710_LENINA-M-DL_(COB_D_LES_22mm)

Lamps: 1 x Samsung_COB_D_LES_22mm_(SPHWHAHDNK25YZT3D1)+C12692_1511.79lm@250mA_CCT=4000K_P=8.0675W_I=0.250A

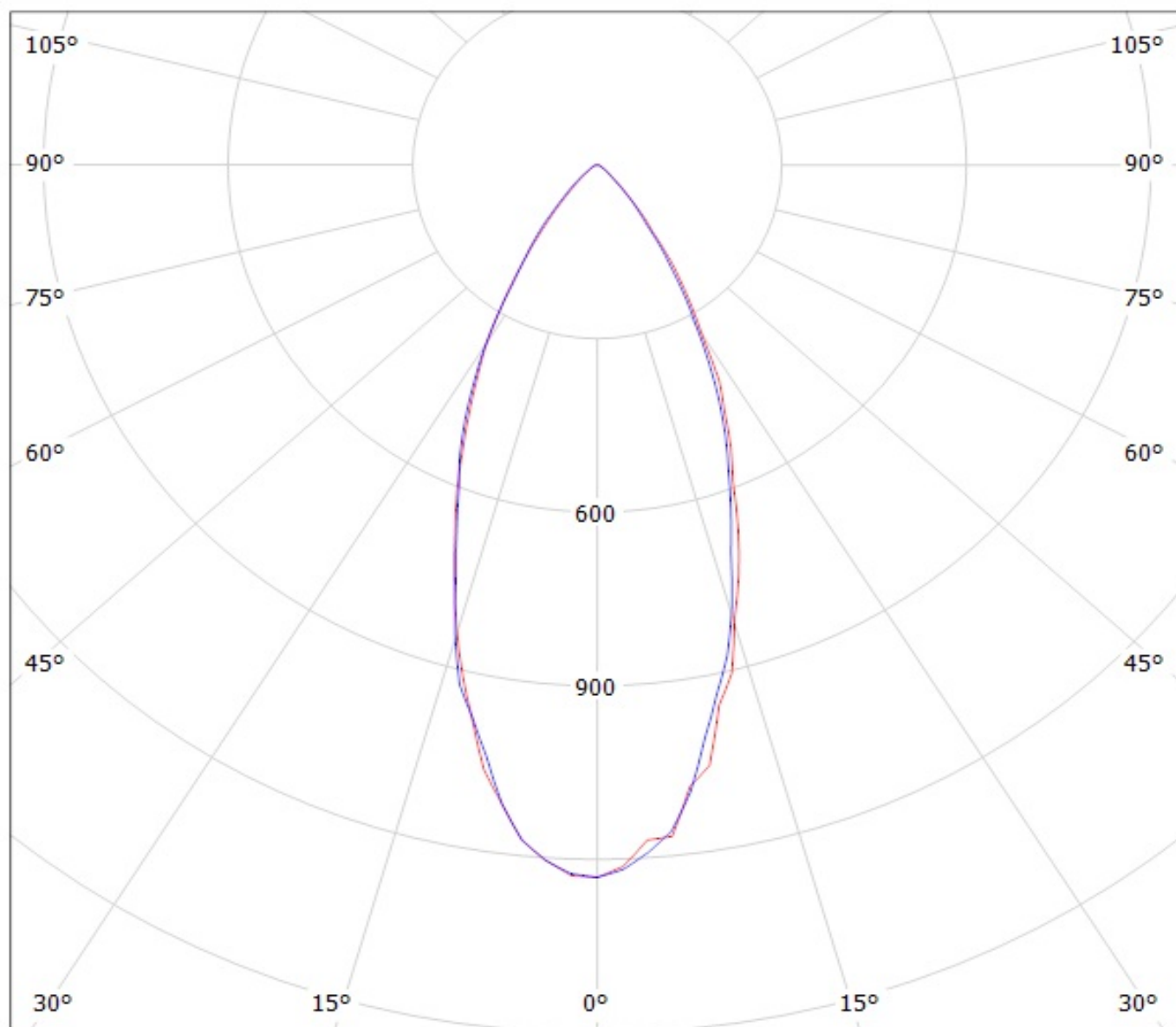


LEDiL Oy CN12711_LENINA-W-DL_(ZC-40) Eff. 82,16% / LDC (Linear)

Luminaire: LEDiL Oy CN12711_LENINA-W-DL_(ZC-40) Eff. 82,16%
Lamps: 1 x SEOUL_ZC-40 (1233.37lm@250mA)



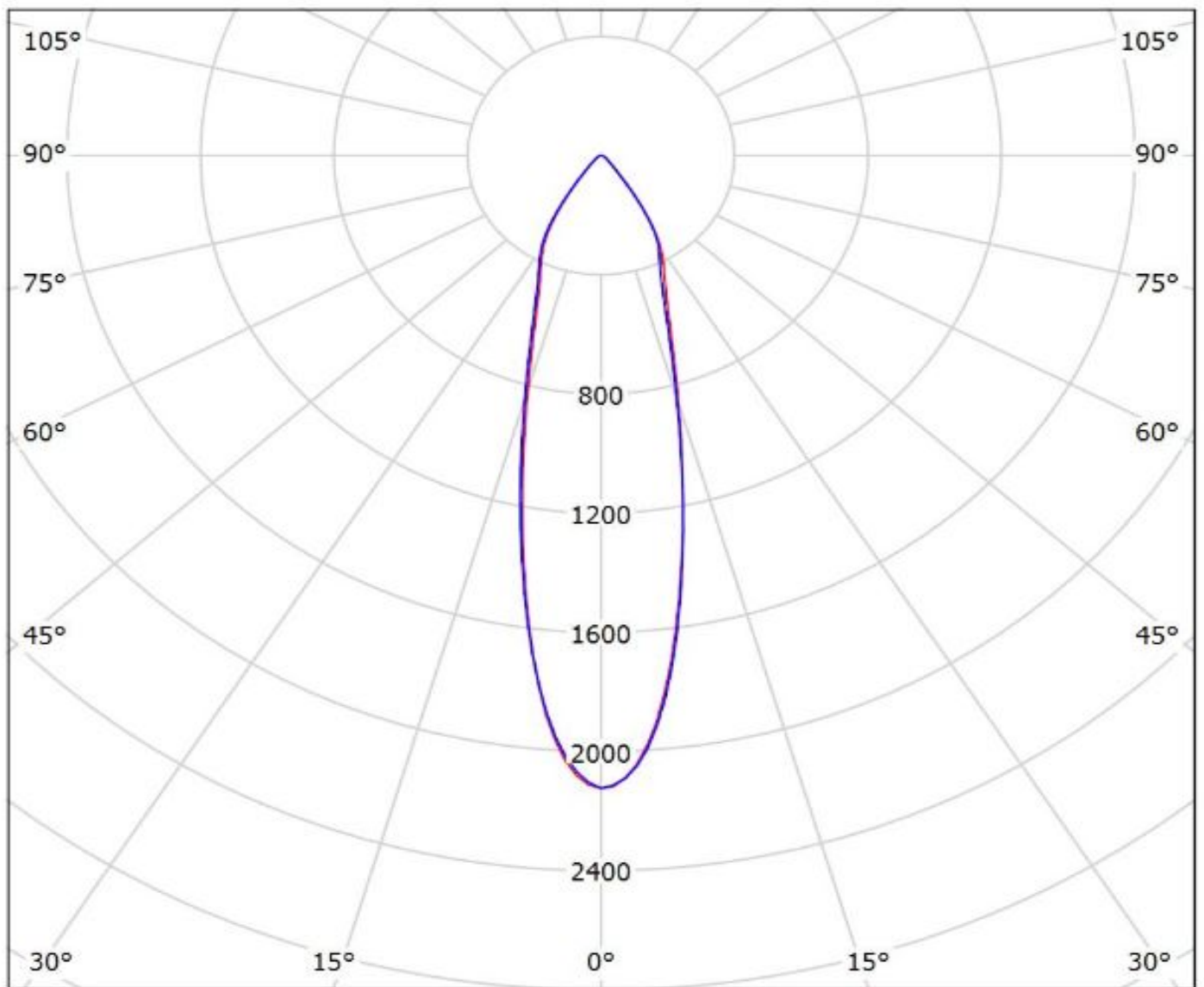
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Lamps: 1 x Citizen CLL040 1044lm @ 250mA



cd/klm

— C0 - C180 — C90 - C270

Luminaire: Ledil CN12710_LENINA-M-DL_(CITIZEN_CLU730)
Lamps: 1 x CITIZEN_CLU730_(C12692_LENA-STD-BASE-CLL040)
_783.884lm@250mA_P=8.5W_I=0.25A

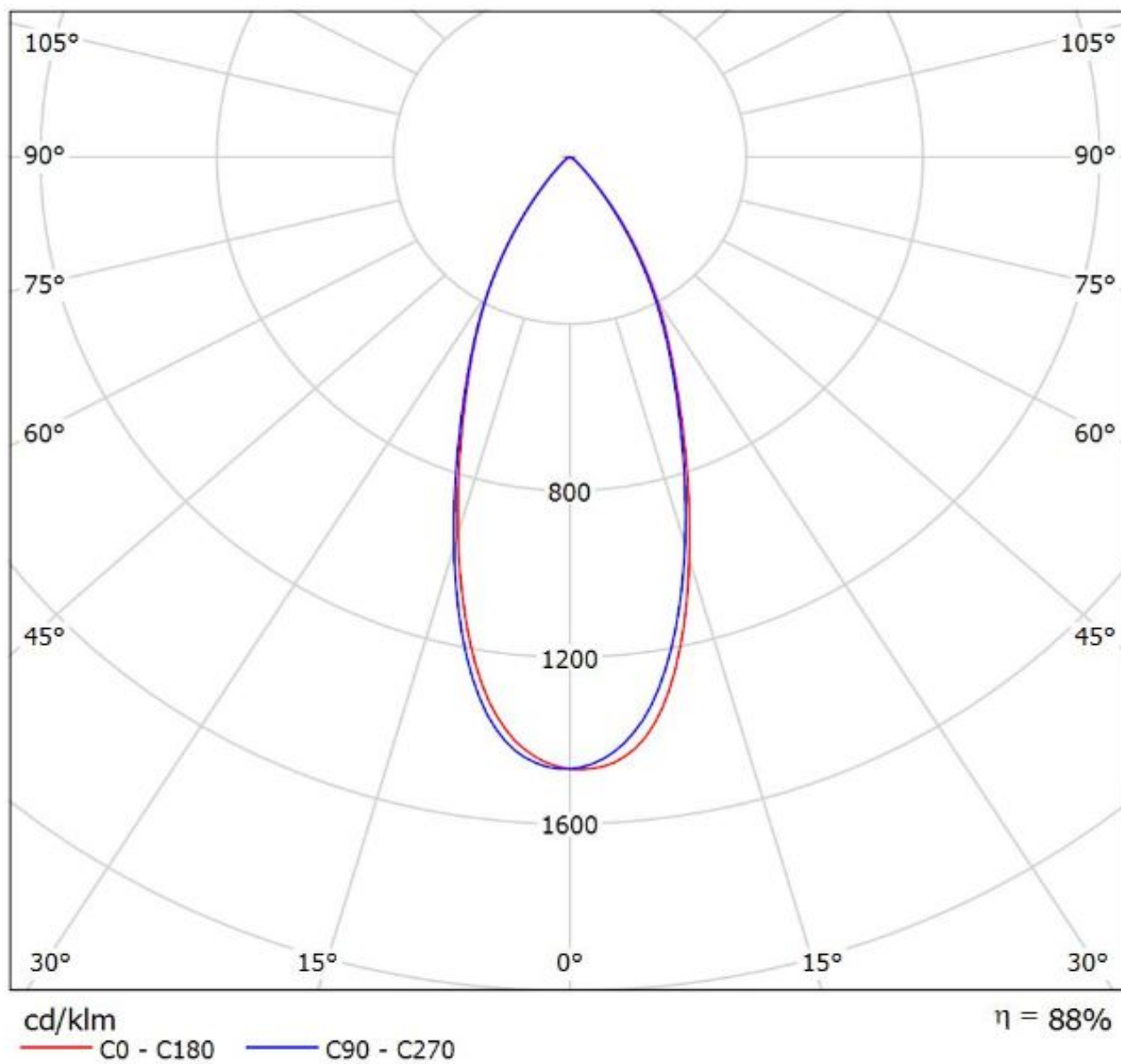


cd/klm
— C0 - C180 — C90 - C270

$\eta = 84\%$

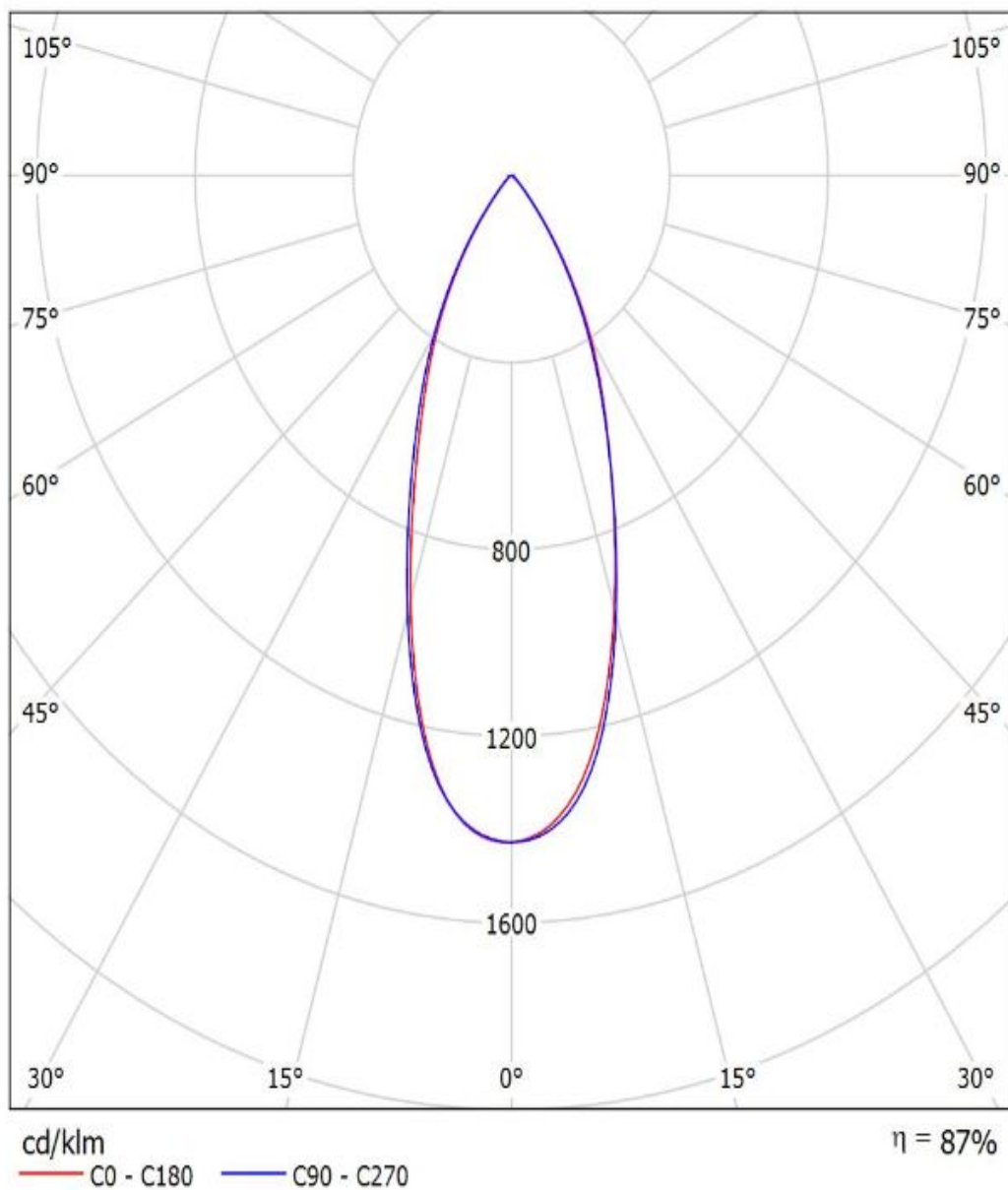
Luminaire: Ledil CN12710_LENINA-M-DL_(CoB_1216)

Lamps: 1 x Luxeon_CoB_1216_(L2C2-40801216E2300)_1399.08lm@250mA_P=8.00375W_I=0.25A



Luminaire: Ledil CN12710_LENINA-M-DL_(COB_D_LES_22mm)

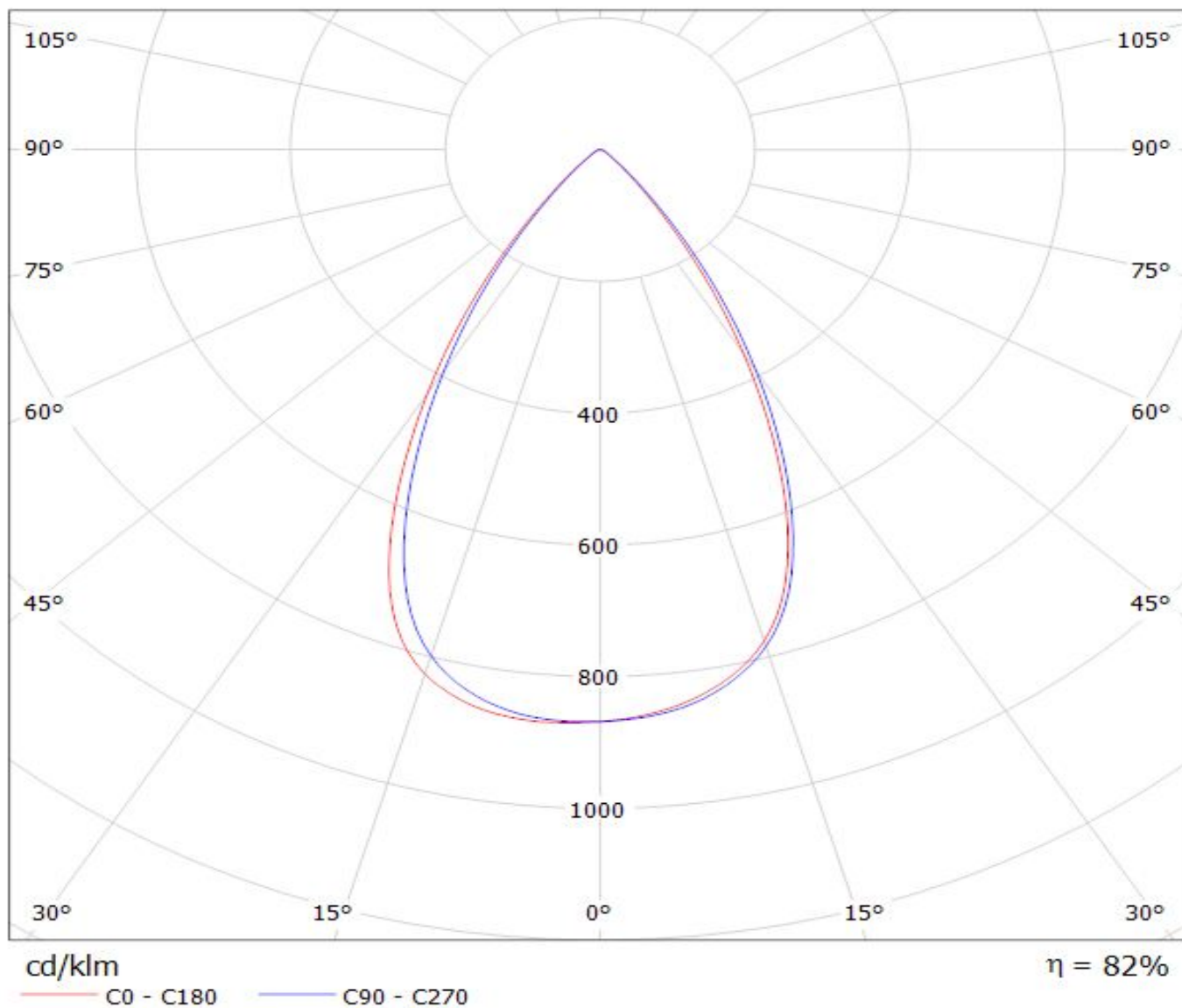
Lamps: 1 x Samsung_COB_D_LES_22mm_(SPHWHAHDNK25YZT3D1)+C12692_1511.79lm@250mA_CCT=4000K_P=8.0675W_I=0.250A



LEDiL Oy CN12711_LENINA-W-DL_(ZC-40) Eff. 82,16% / LDC (Polar)

Luminaire: LEDiL Oy CN12711_LENINA-W-DL_(ZC-40) Eff. 82,16%

Lamps: 1 x SEOUL_ZC-40 (1233.37lm@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.