

DETAILS

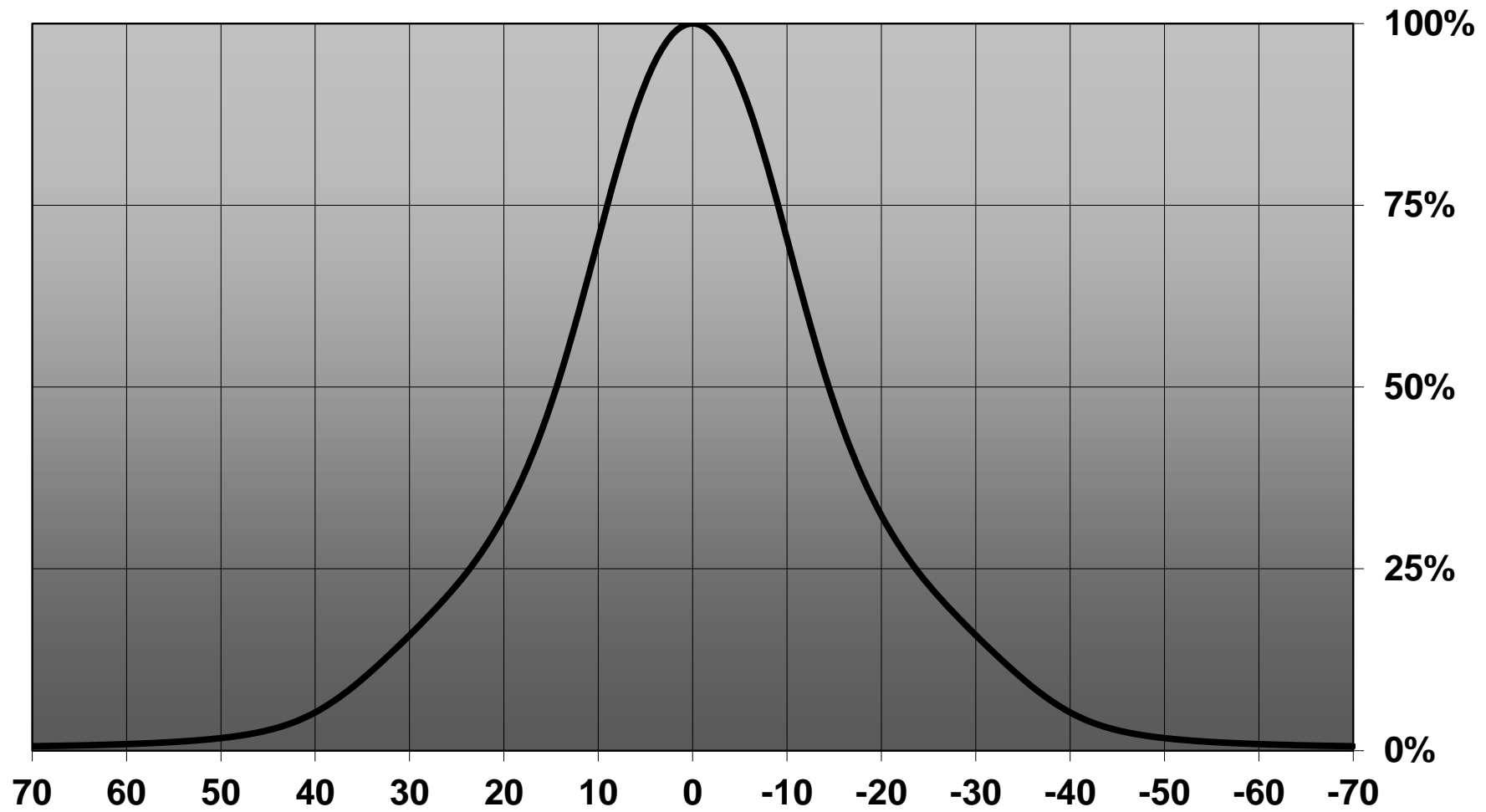
Product Number	CN12709_LENINA-S-DL
Family	Lenina
Type	RefPack
Color	metal
Diameter	74 mm
Height	48,4 mm
Style	round
Optic Material	PC
Holder Material	
Fastening	screw
Status	production ready
ROHS Compliant	Yes
Date Updated	31/10/2016

OPTICAL PROPERTIES

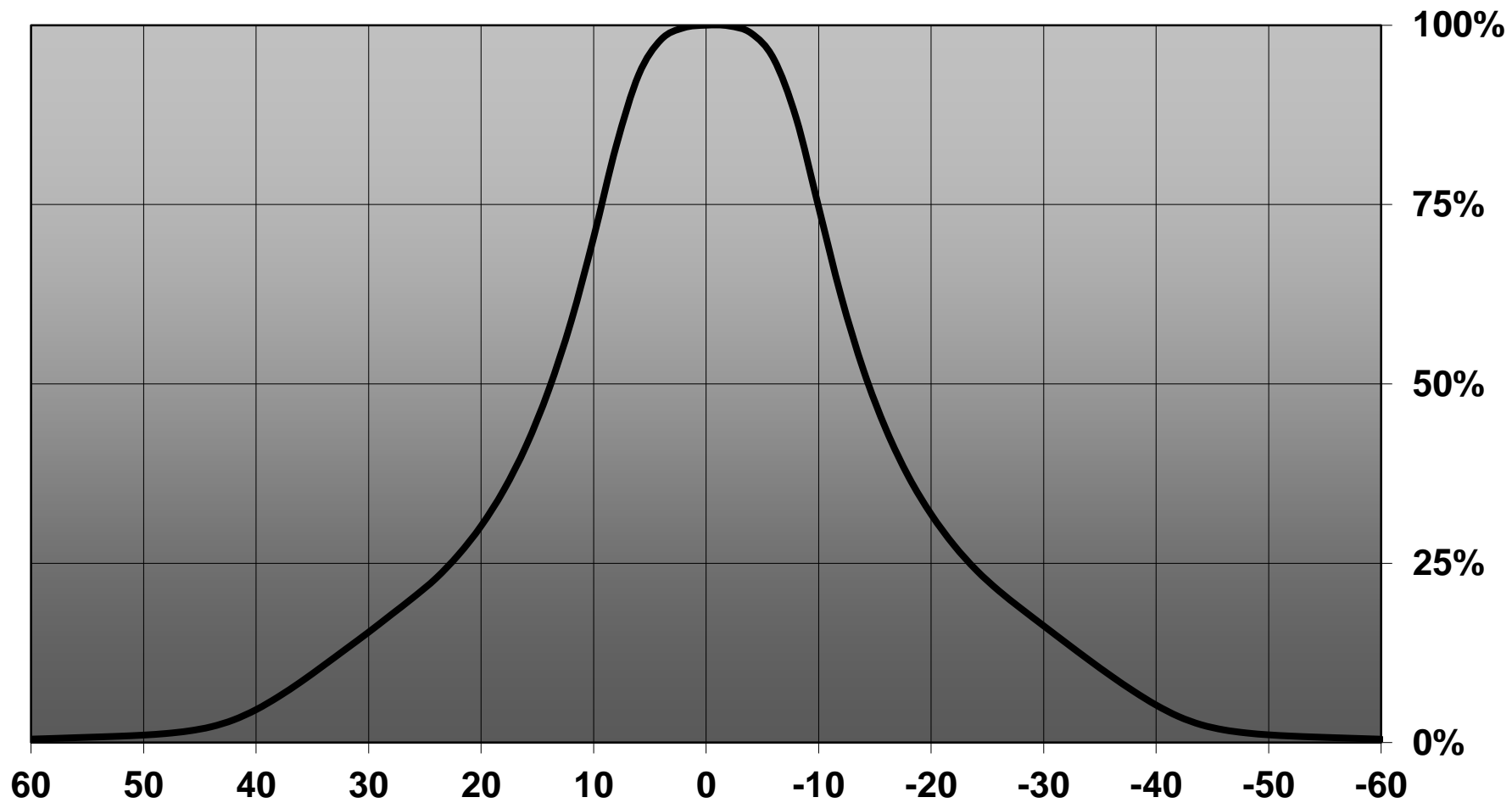
LED	Viewing	Light	Effi-		Connector
	Angle	Beam	ciency	cd/lm	
CLL04x/CLU04x	30 deg	Spot	78 %	1.900	-
CLU730/731	15 deg	Spot	85 %	4.600	-
LUXEON CoB 1216	28 deg	Spot	87 %	2.200	-
CXM-22	28 deg	Spot	88 %	2.300	LEDiL: LEDiL
COB D Series LES 22 mm	29 deg	Spot	87 %	2.100	-
ZC25/40	30 deg	Spot	82 %	1.900	-



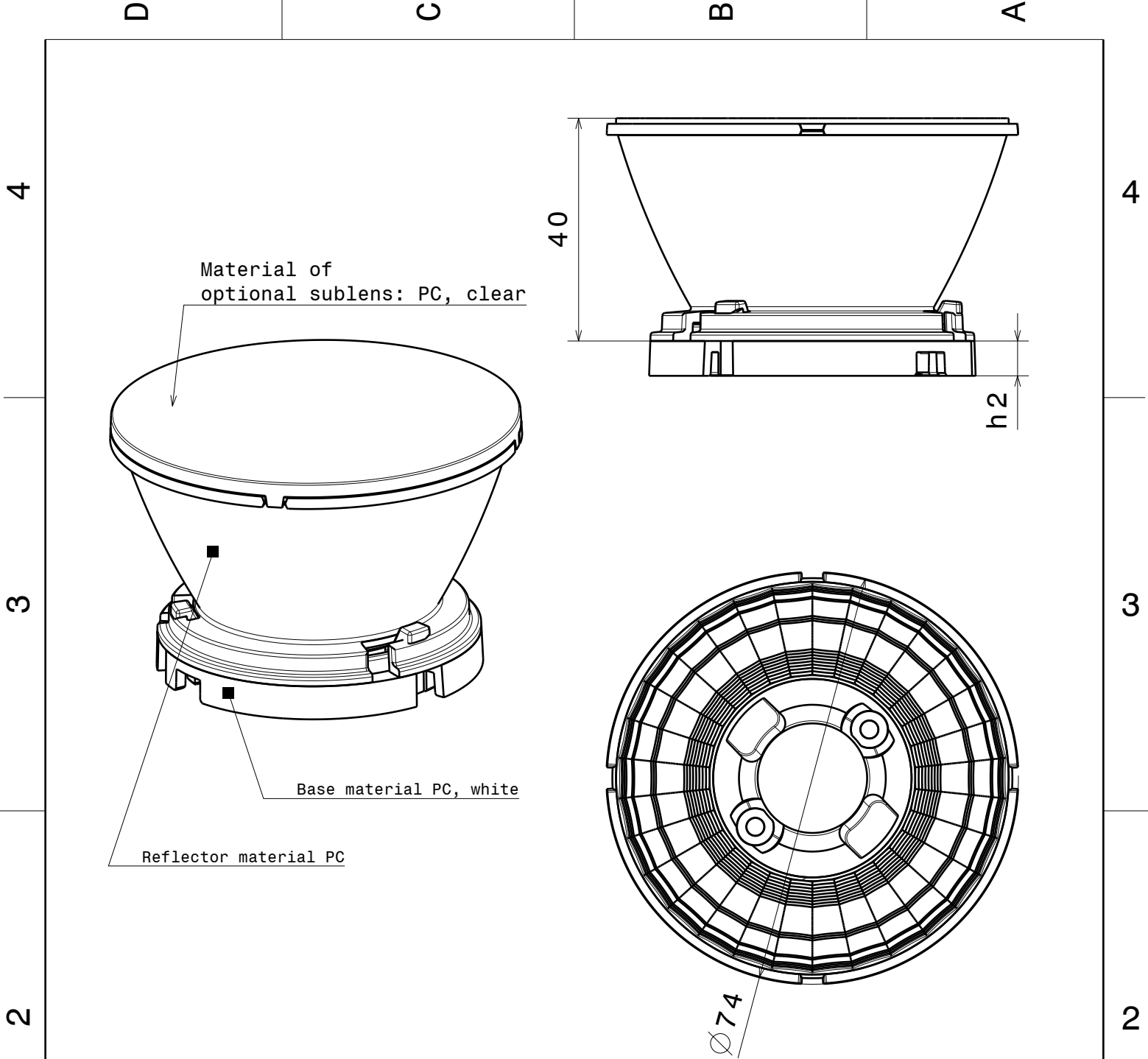
Relative intensity of CN12709_LENINA-S-DL



Relative intensity of CN12709_LENINA-S-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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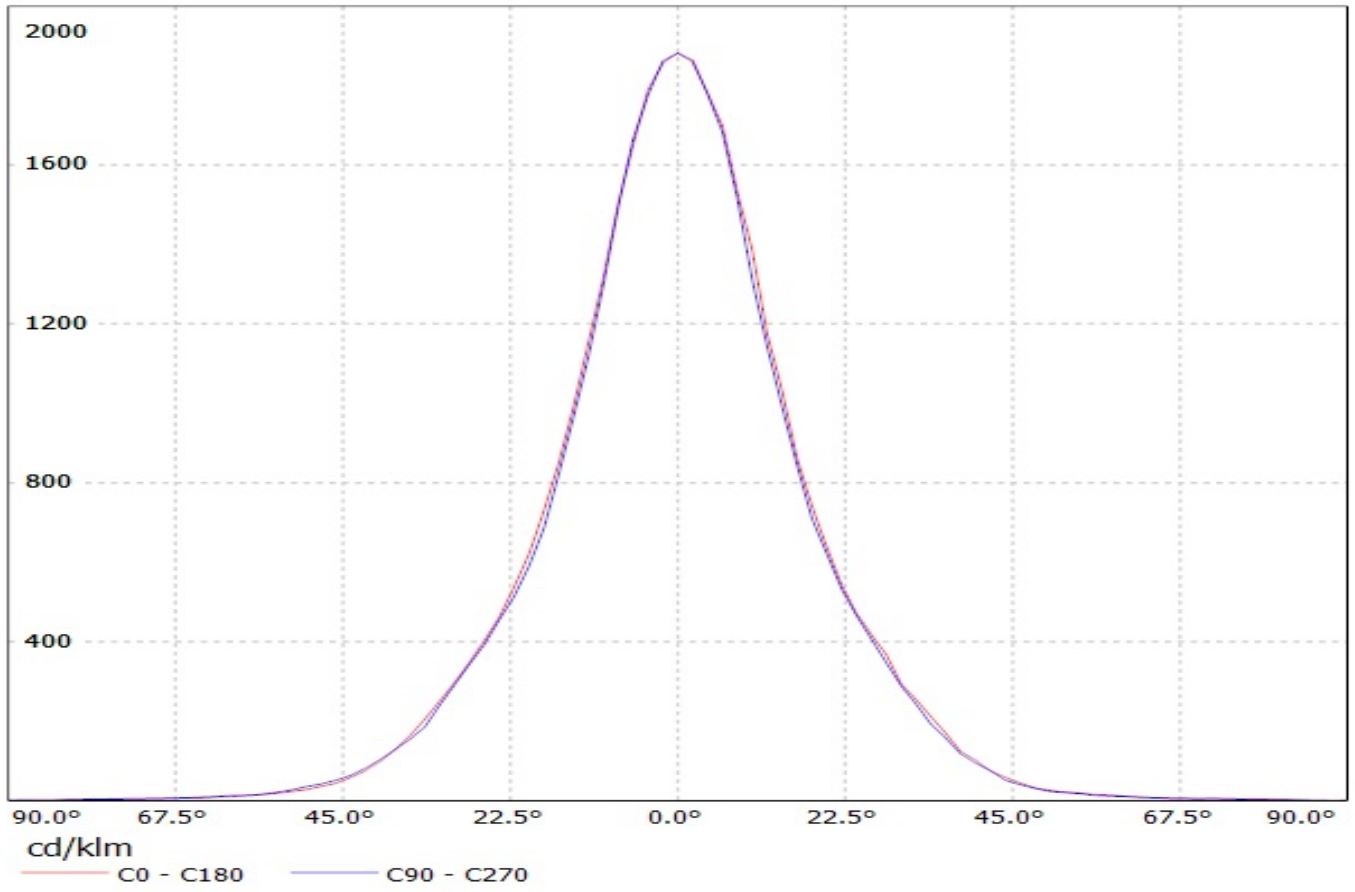
Ledil Oy
Salorankatu 10
FIN-24240 SALO
Finland

DRAWING TITLE

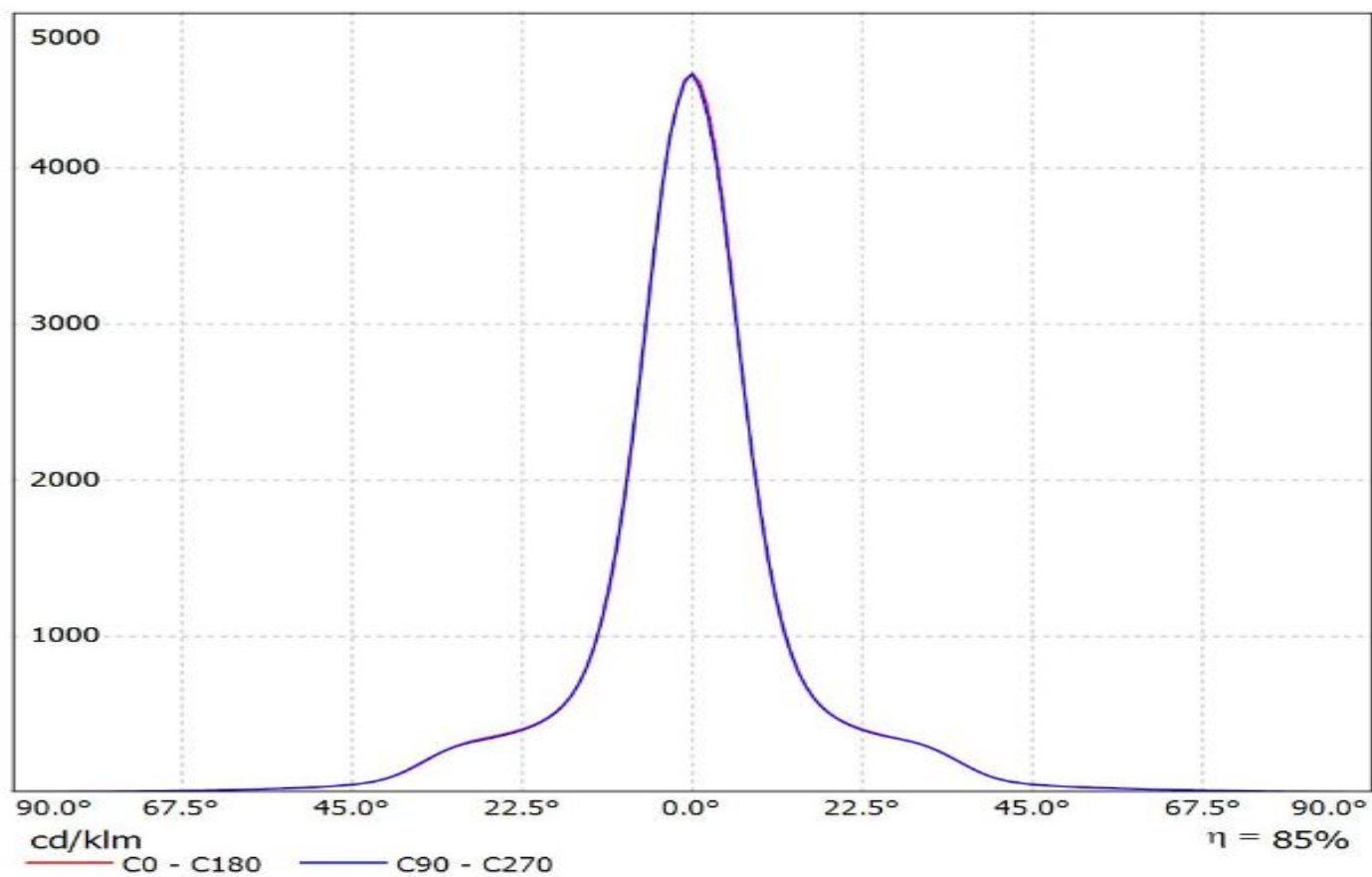
Datasheet Lenina series

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)				

Luminaire: Ledil Oy CN12709_LENINA-S-DL (Citizen CLL040-1818 1044lm @ 250mA) Efficiency=78%
Lamps: 1 x Citizen CLL040-1818 1044lm @ 250mA



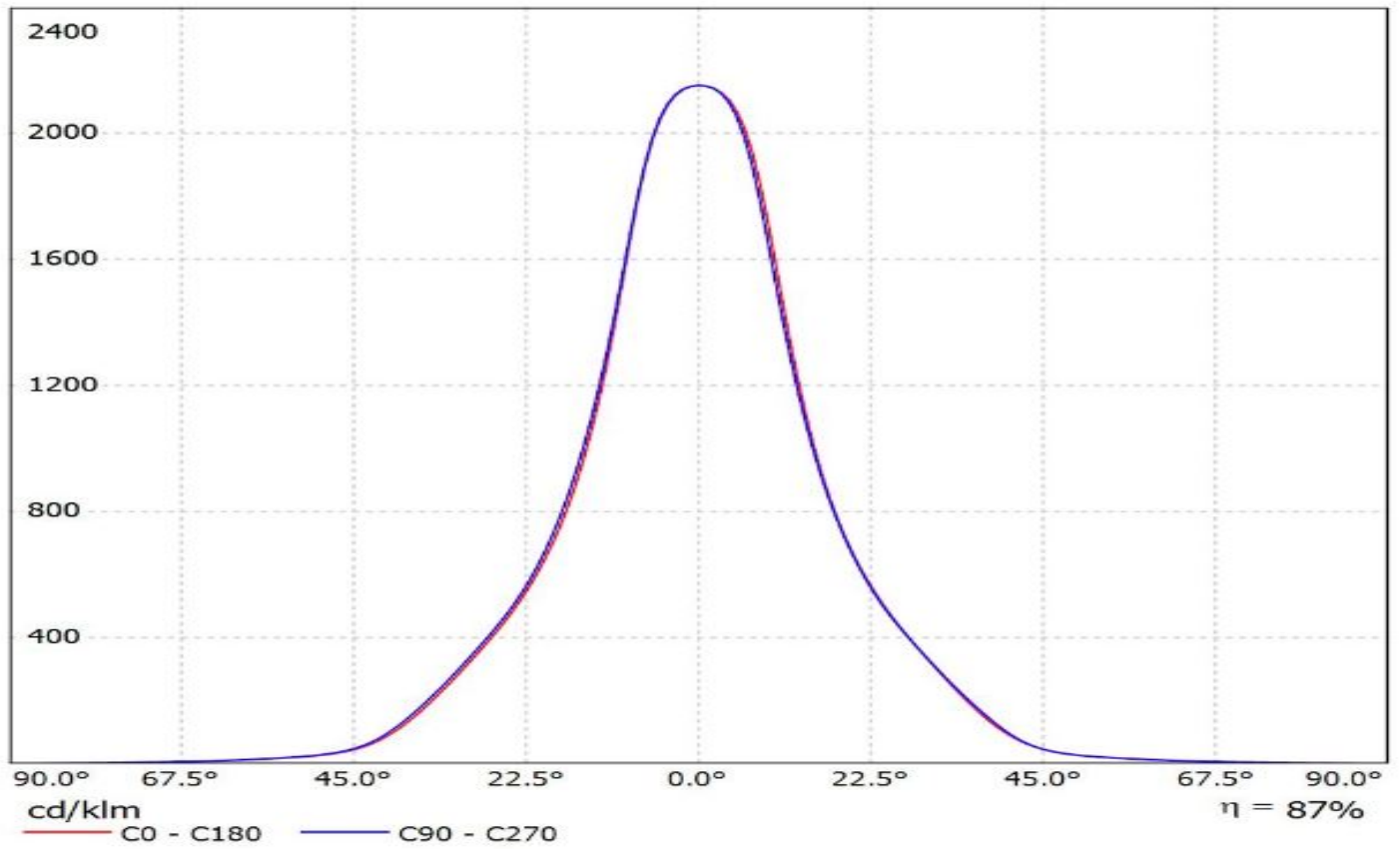
Luminaire: Ledil CN12709_LENINA-S-DL_(CITIZEN_CLU730)
Lamps: 1 x CITIZEN_CLU730_(C12692_LENA-STD-BASE-CLL040)
_783.884lm@250mA_P=8.5W_I=0.25A



Ledil CN12709_LENINA-S-DL_(CoB_1216) / LDC (Linear)

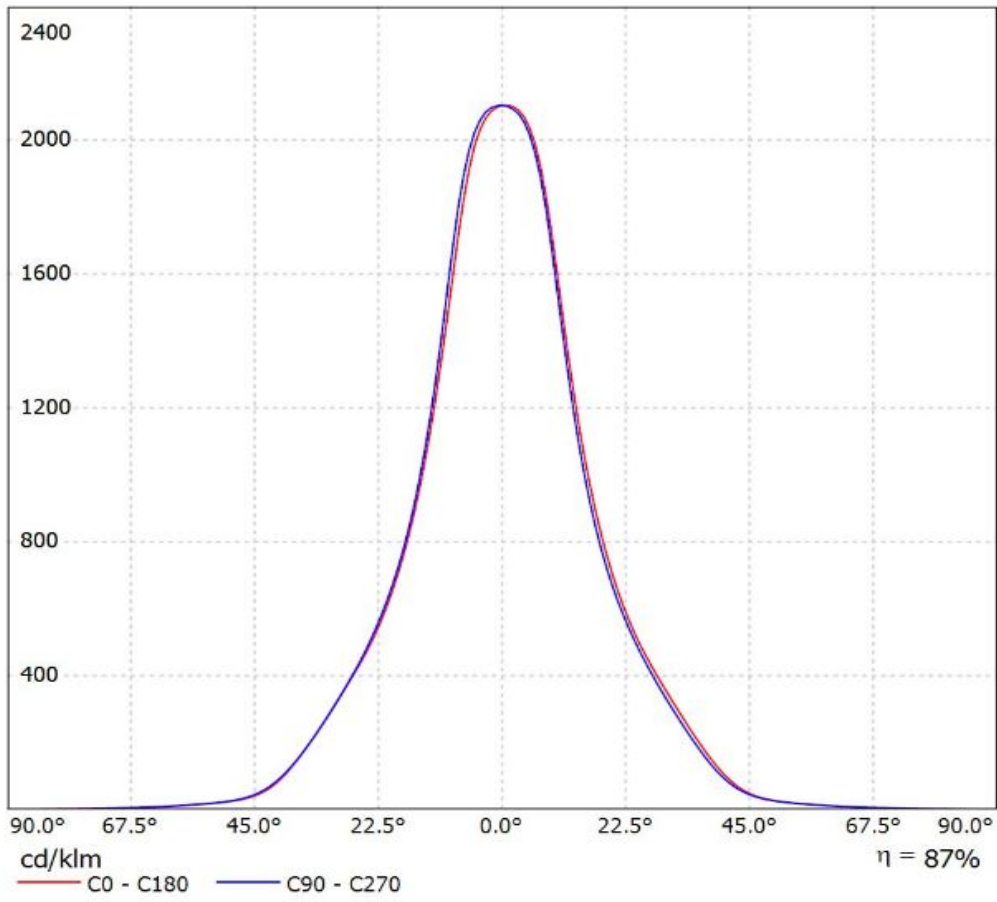
Luminaire: Ledil CN12709_LENINA-S-DL_(CoB_1216)

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



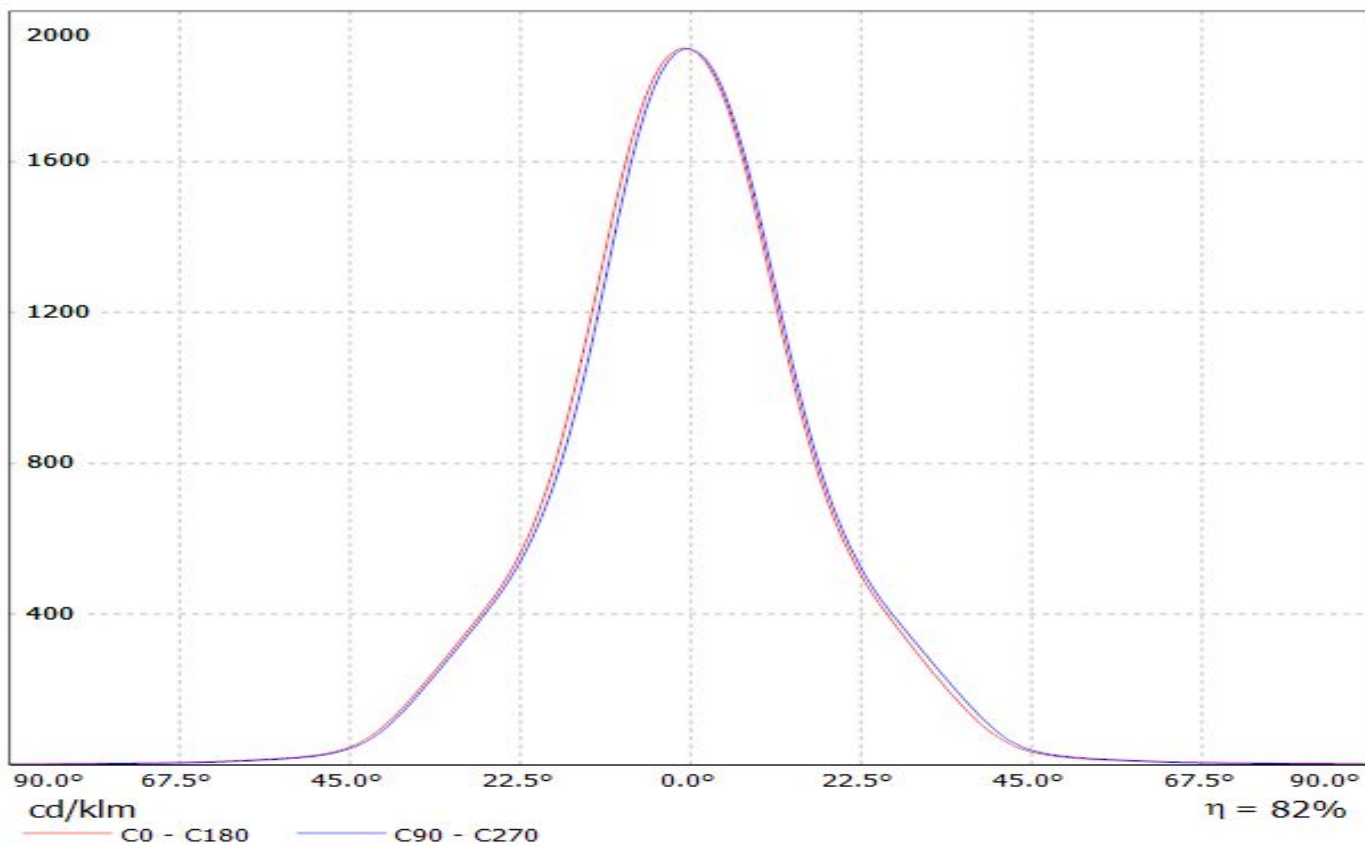
Luminaire: Ledil CN12709_LENINA-S-DL_(COB_D_LES_22mm)

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

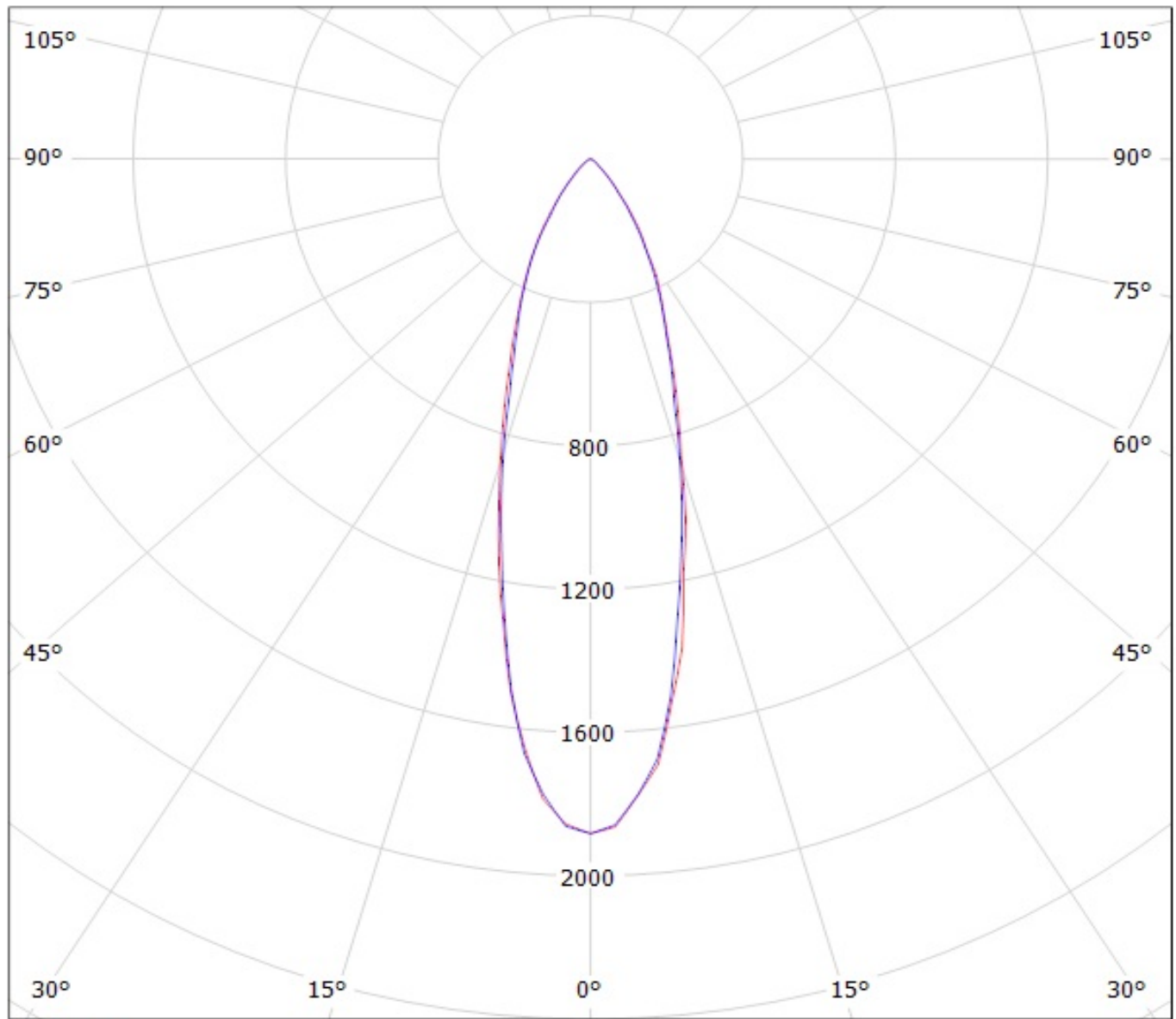


LEDiL Oy CN12709_LENINA-S-DL_(ZC-40) Eff. 81,9% / LDC (Linear)

Luminaire: LEDiL Oy CN12709_LENINA-S-DL_(ZC-40) Eff. 81,9%
Lamps: 1 x SEOUL_ZC-40 (1233.37lm@250mA)



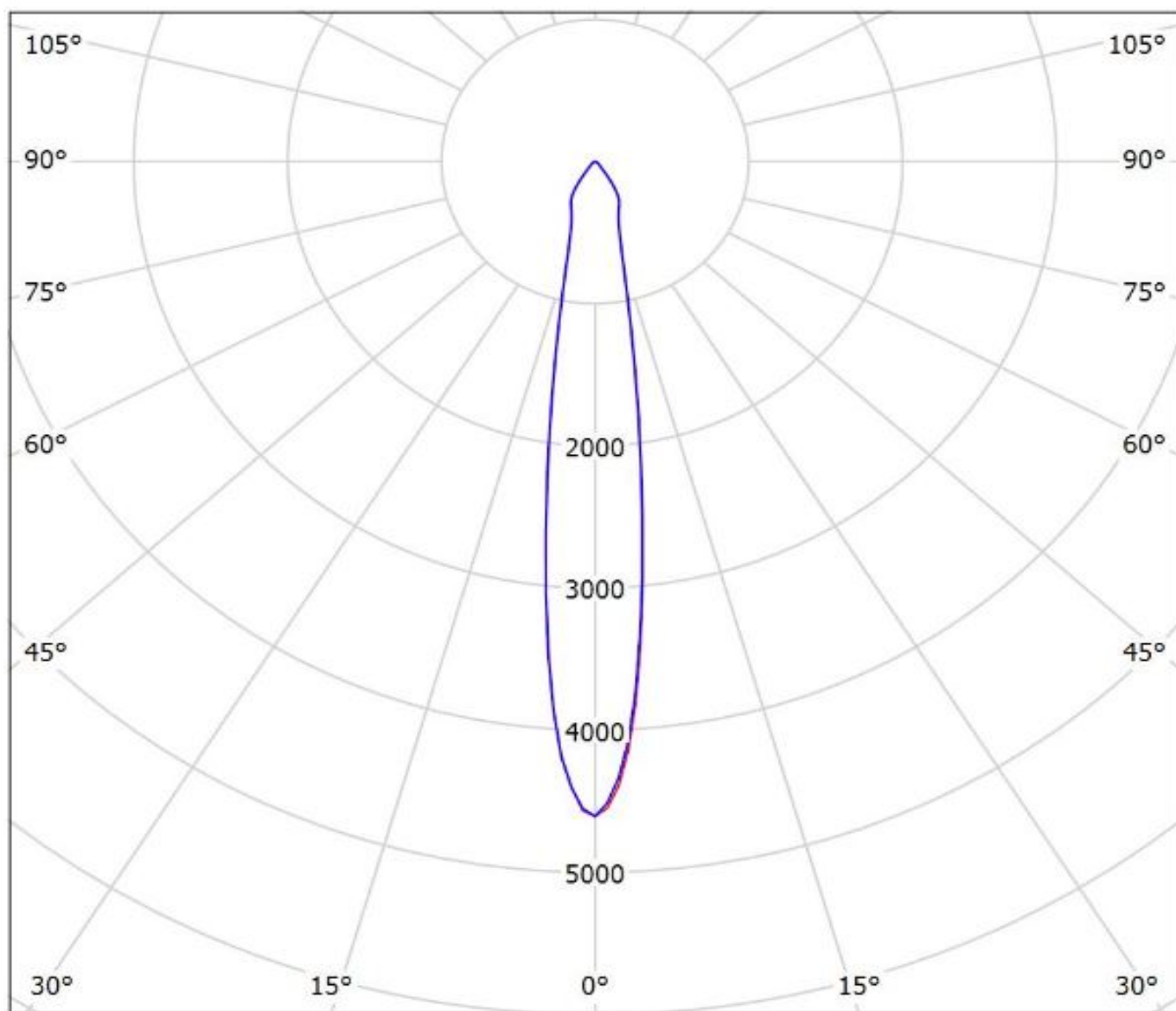
Luminaire: Ledil Oy CN12709_LENINA-S-DL (Citizen CLL040-1818 1044lm @ 250mA) Efficiency=78%
Lamps: 1 x Citizen CLL040-1818 1044lm @ 250mA



cd/klm

— C0 - C180 — C90 - C270

Luminaire: Ledil CN12709_LENINA-S-DL_(CITIZEN_CLU730)
Lamps: 1 x CITIZEN_CLU730_(C12692_LENA-STD-BASE-CLL040)
_783.884lm@250mA_P=8.5W_I=0.25A



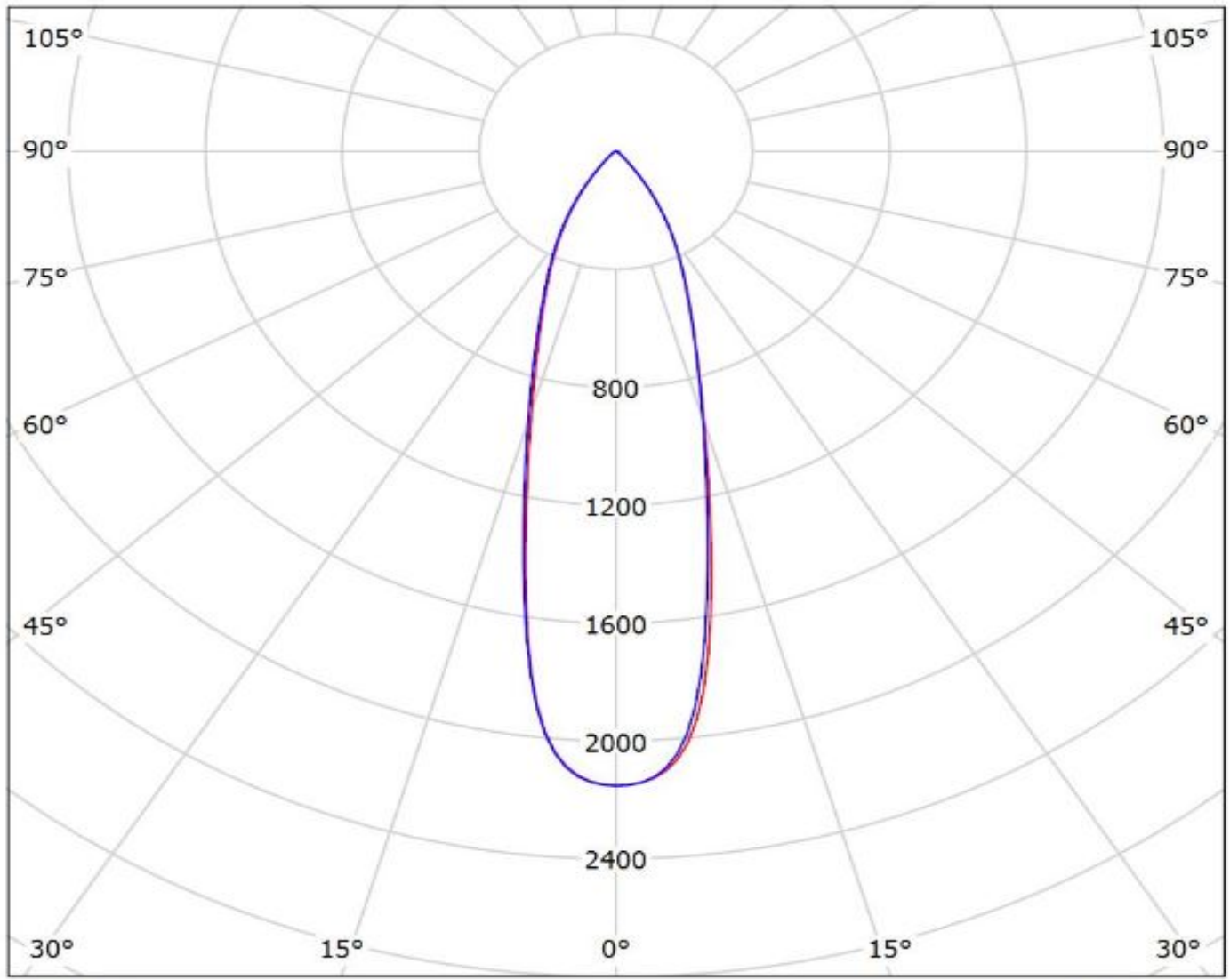
cd/klm
— C0 - C180 — C90 - C270

$\eta = 85\%$

Ledil CN12709_LENINA-S-DL_(CoB_1216) / LDC (Polar)

Luminaire: Ledil CN12709_LENINA-S-DL_(CoB_1216)

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



cd/klm

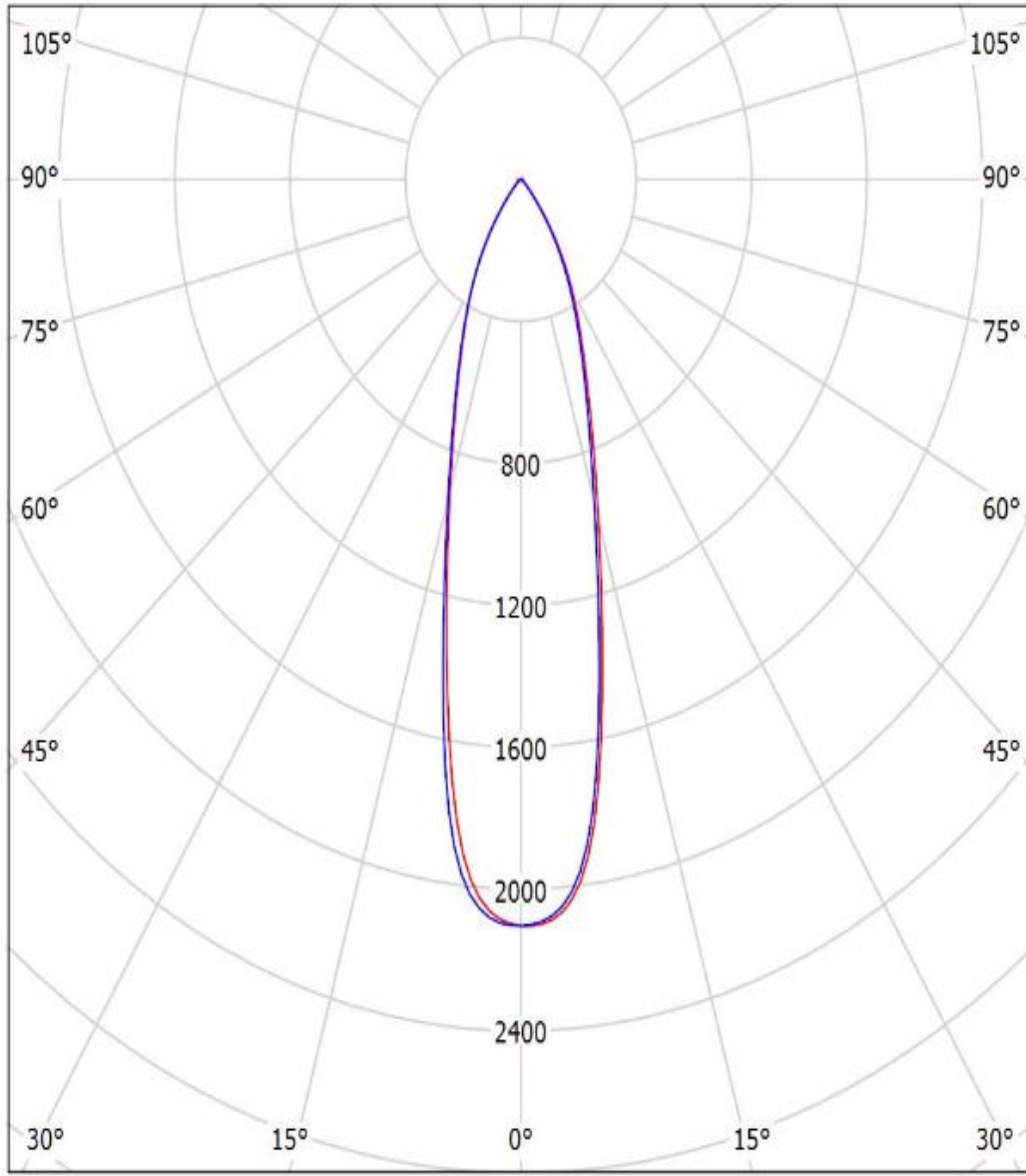
— C0 - C180

— C90 - C270

$\eta = 87\%$

Luminaire: Ledil CN12709_LENINA-S-DL_(COB_D_LES_22mm)

Lamps: 1 x Samsung_COB_D_LES_22mm_(SPHWHADNK25YZT3D1)+C12692_1511.79lm@250mA_CCT=4000K_P=8.0675W_I=0.250A



cd/klm

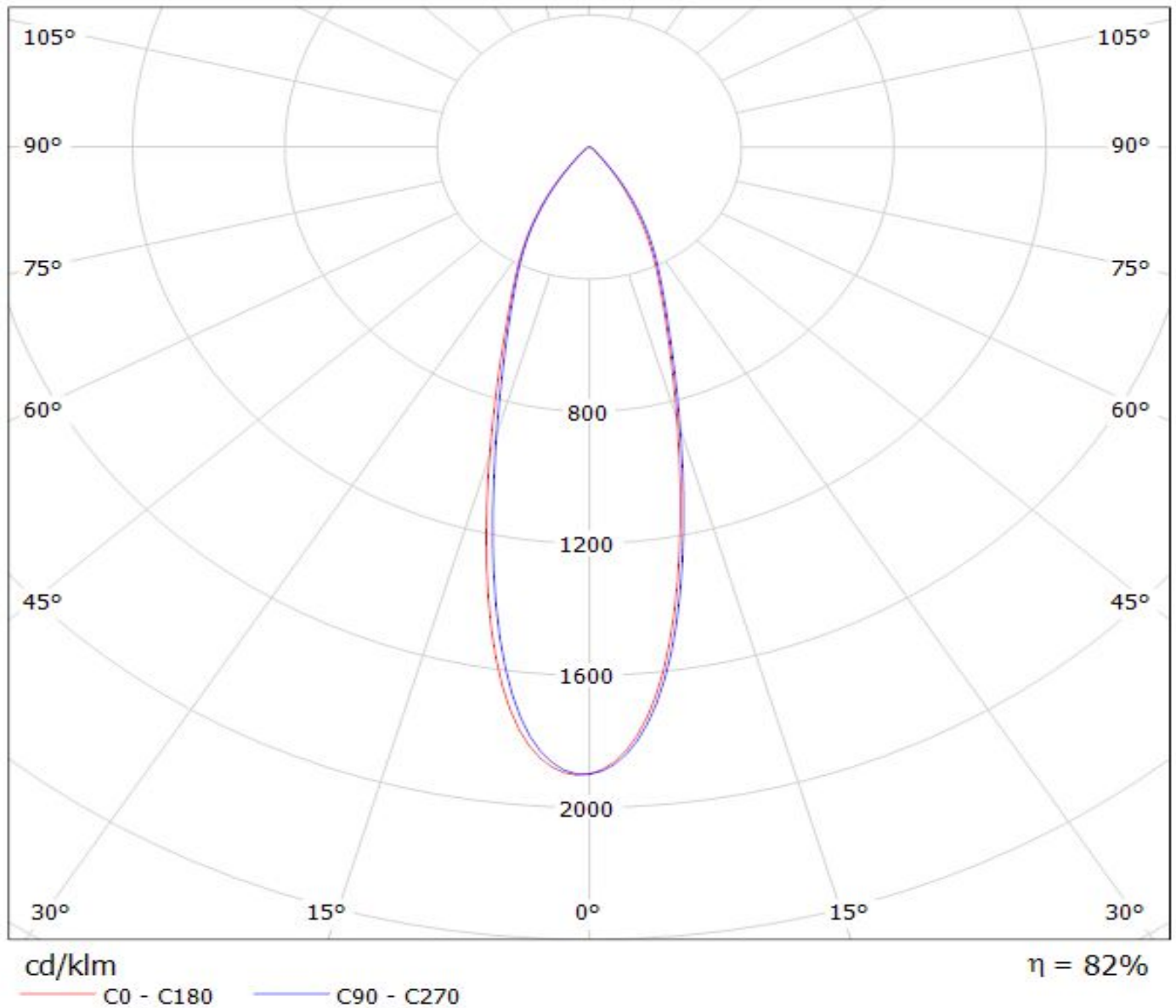
— C0 - C180 — C90 - C270

$\eta = 87\%$

LEDiL Oy CN12709_LENINA-S-DL_(ZC-40) Eff. 81,9% / LDC (Polar)

Luminaire: LEDiL Oy CN12709_LENINA-S-DL_(ZC-40) Eff. 81,9%

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.