

## DETAILS

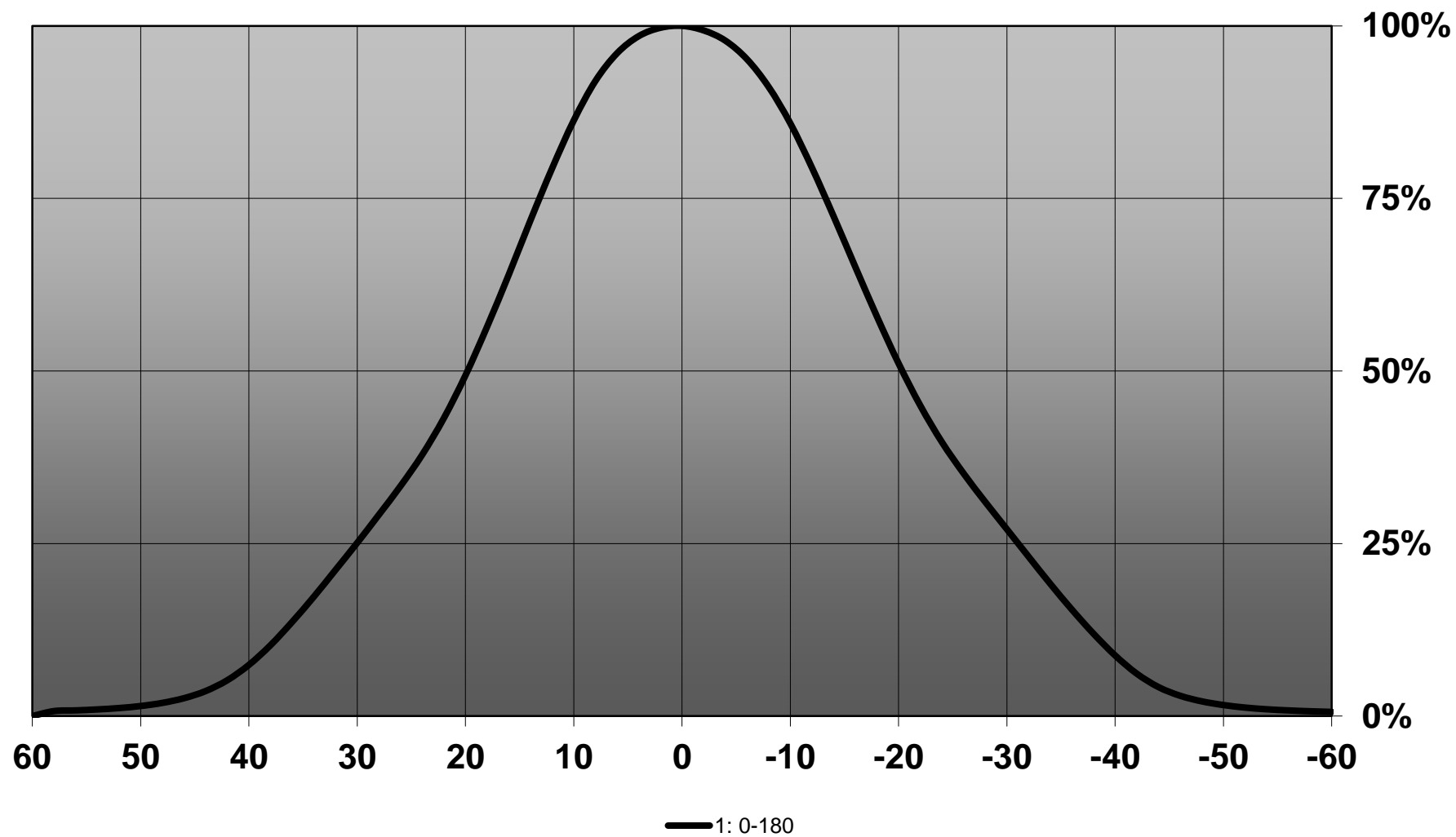
Product Number	CN12710_LENINA-M-DL
Family	Lenina
Type	RefPack
Color	metal
Diameter	74 mm
Height	48,4 mm
Style	round
Optic Material	PC
Holder Material	PC
Fastening	screw
Status	production ready
ROHS Compliant	Yes
Date Updated	19/02/2015

## OPTICAL PROPERTIES

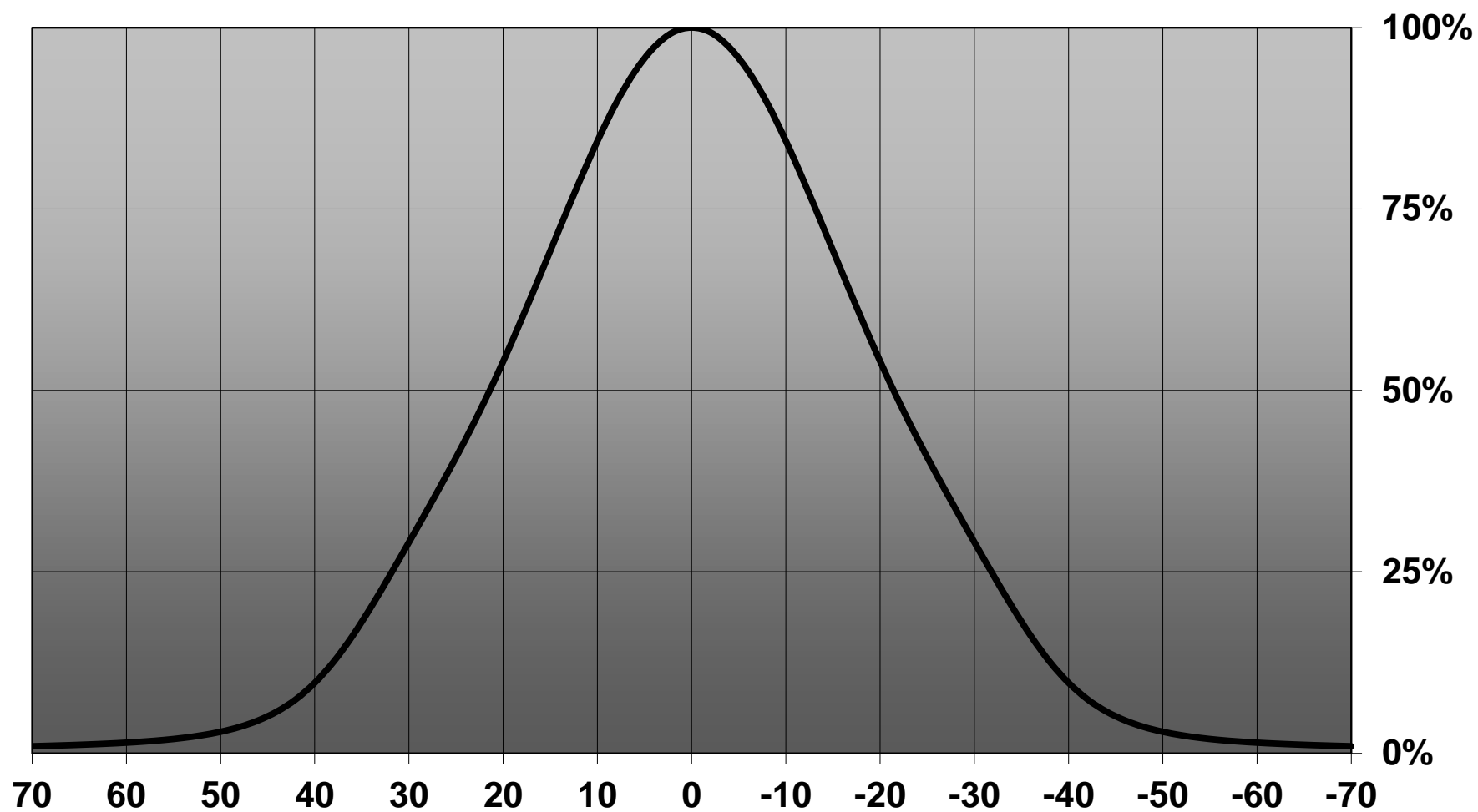
LED	Viewing Angle	Light Beam	Effi- ciency	cd/lm	Connector
CLU730	26 deg	Medium	84 %	2.100	-
CXM-22	40 deg	Medium	89 %	1.600	LEDiL: LEDiL
LUXEON CoB 1216	40 deg	Medium	88 %	1.470	LEDiL: LEDiL
CLL04x/CLU04x	43 deg	Medium	78 %	1.200	-
ZC25/40	44 deg	Medium	81 %	1.200	-



Relative intensity of CN12710\_LENINA-M-DL\_(CXM-22)



**Relative intensity of CN12710\_LENINA-M-DL**



D C B A

4

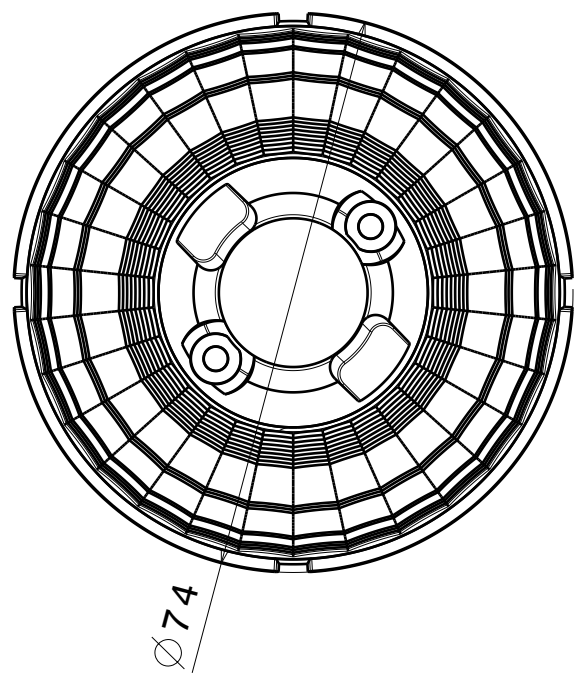
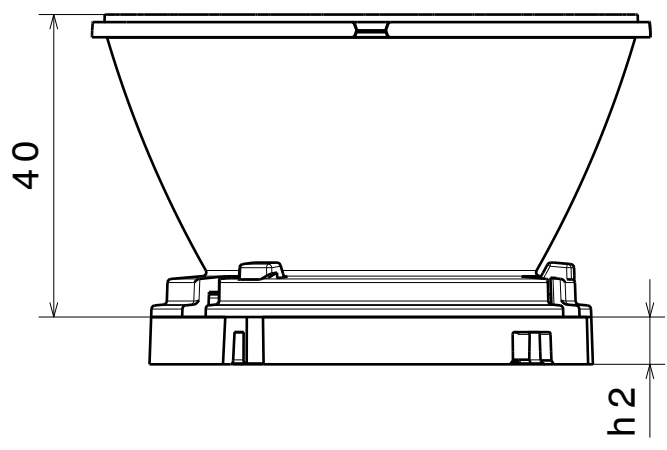
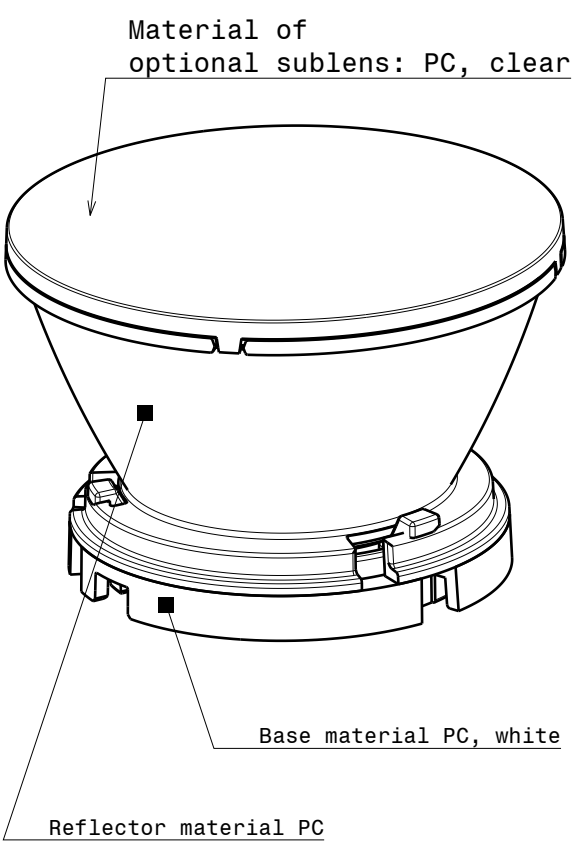
4

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

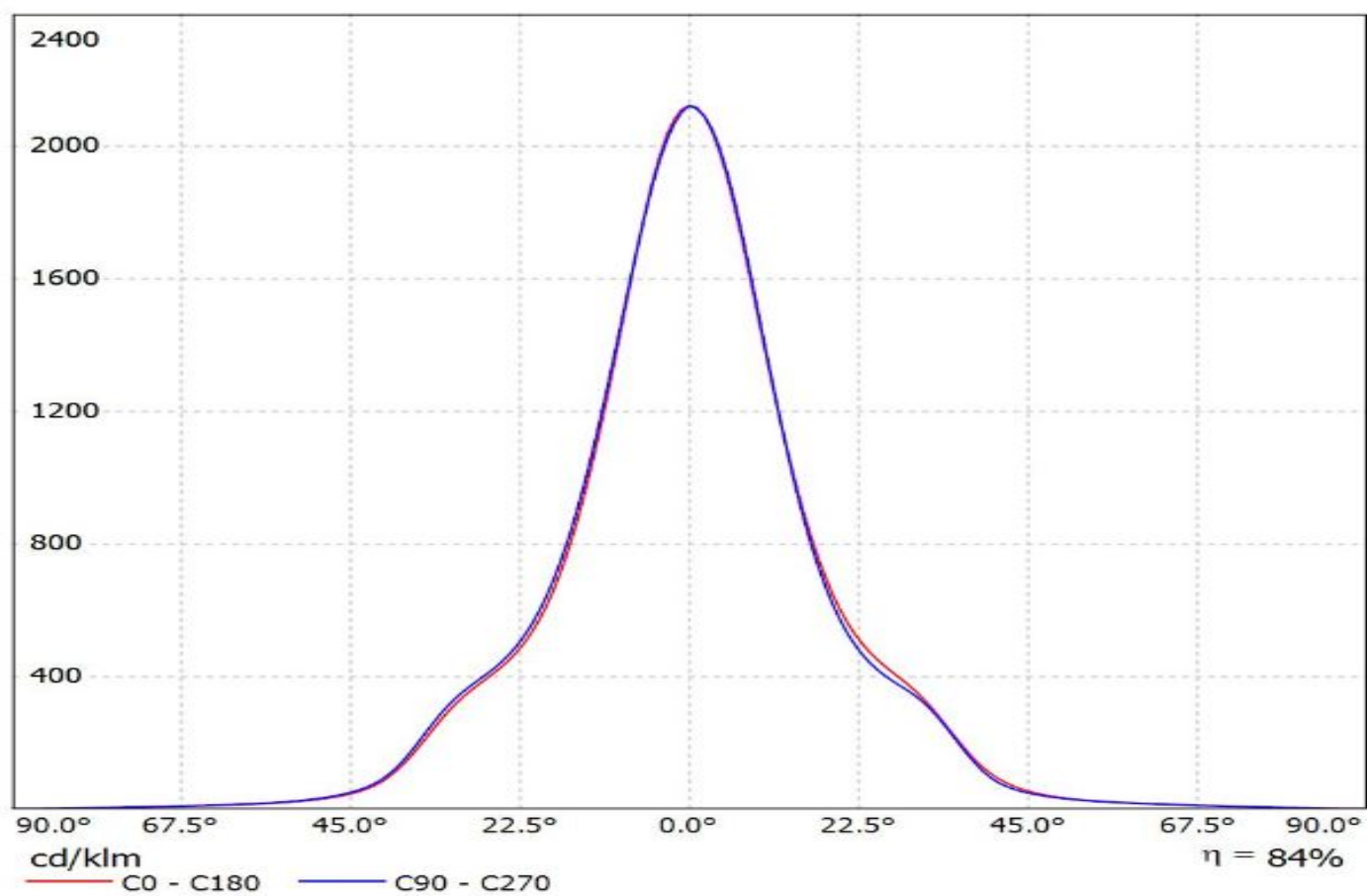
DRAWN BY ks	DATE 23.04.2014	Datasheet Lenina series					
CHECKED BY	DATE	SIZE A4	DRAWING NUMBER --				REV 1
DESIGNED BY pl	DATE 08.03.2012	SCALE 1:1	WEIGHT (g)			SHEET 1 / 1	

1

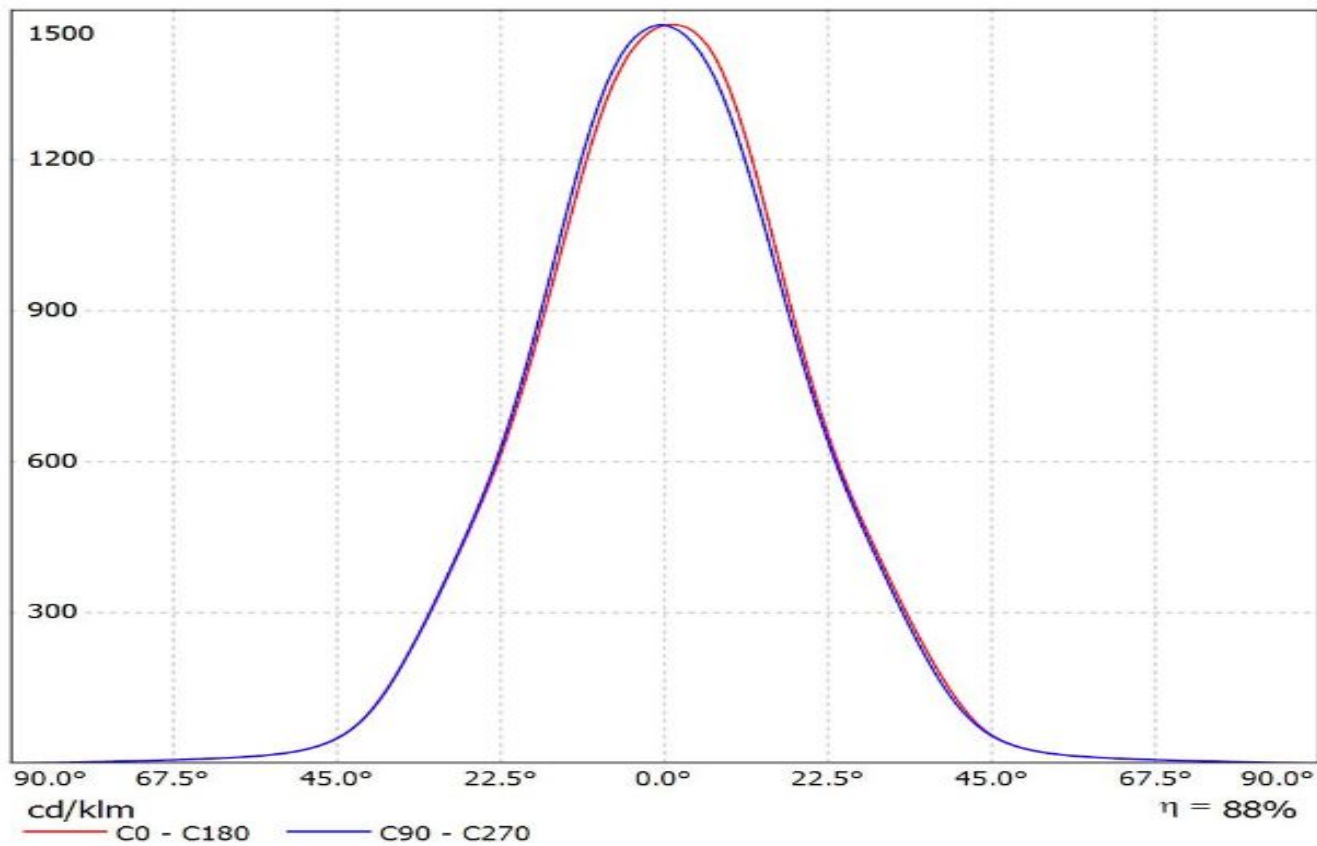
1

D A

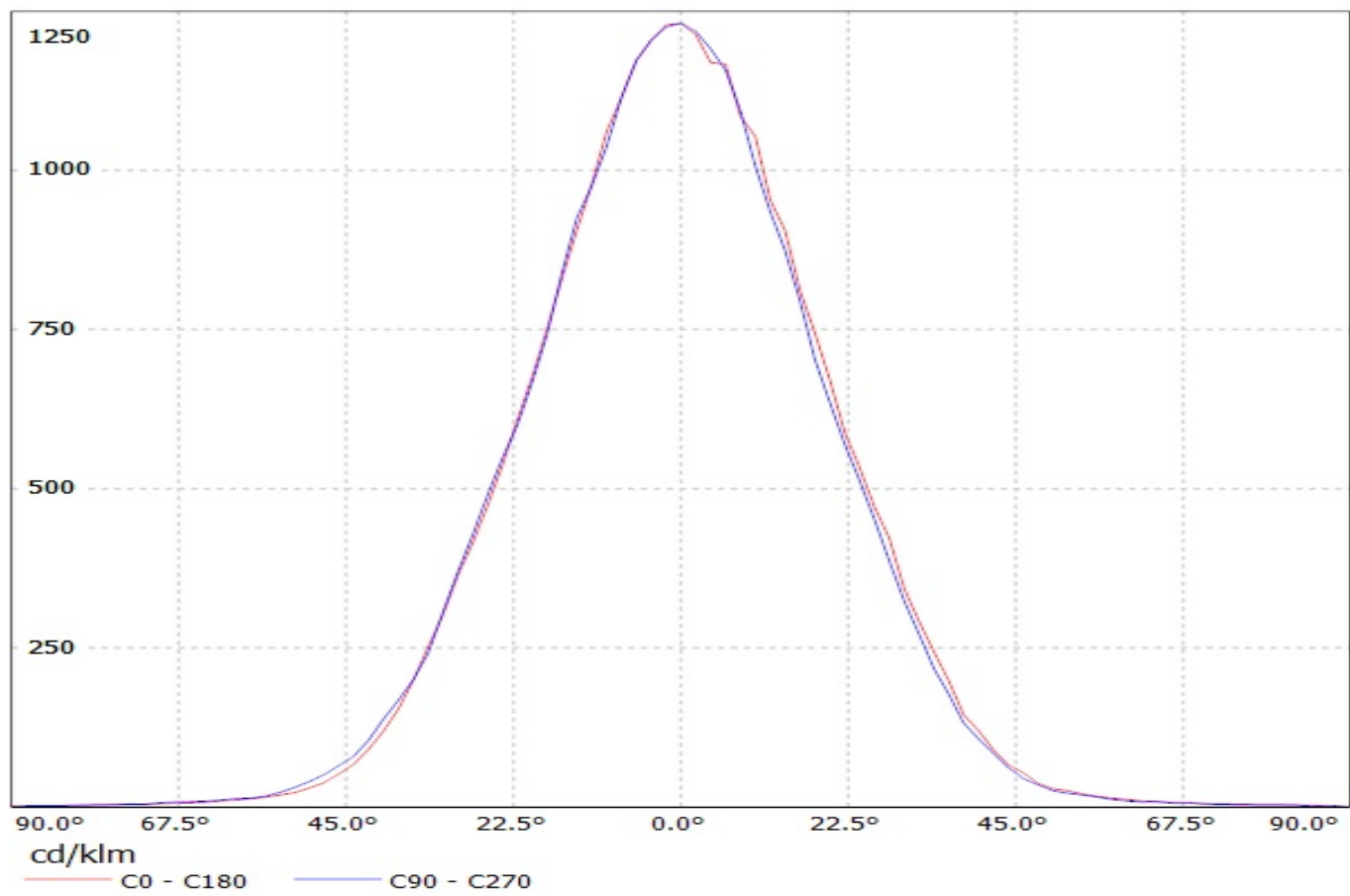
Luminaire: Ledil CN12710\_LENINA-M-DL\_(CITIZEN\_CLU730)  
Lamps: 1 x CITIZEN\_CLU730\_(C12692\_LENINA-STD-BASE-CLL040)  
\_783.884lm@250mA\_P=8.5W\_I=0.25A



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

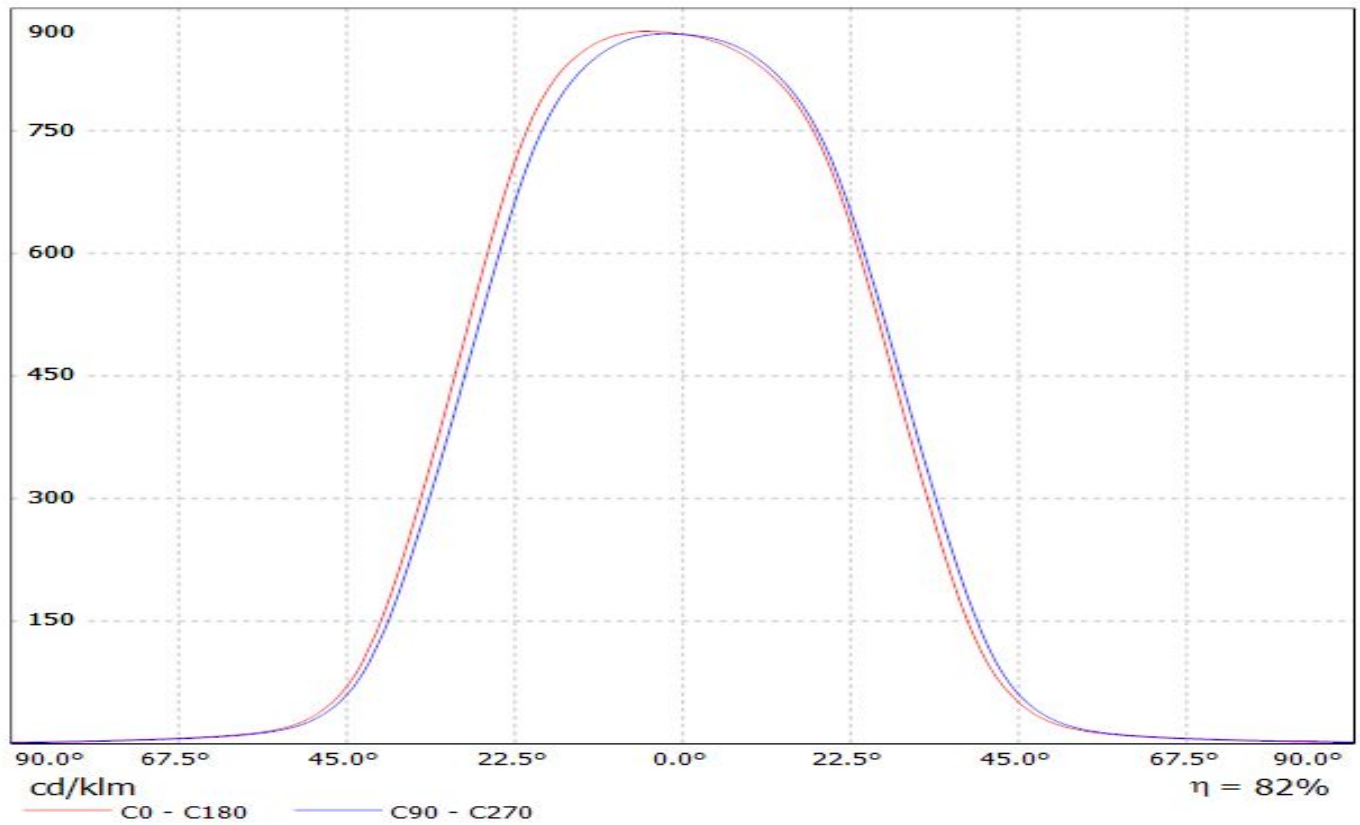


Luminaire: Ledil Oy CN12710\_LENINA-M-DL (Citizen CLL040 1044lm @ 250mA) Efficiency=78%  
Lamps: 1 x Citizen CLL040 1044lm @ 250mA



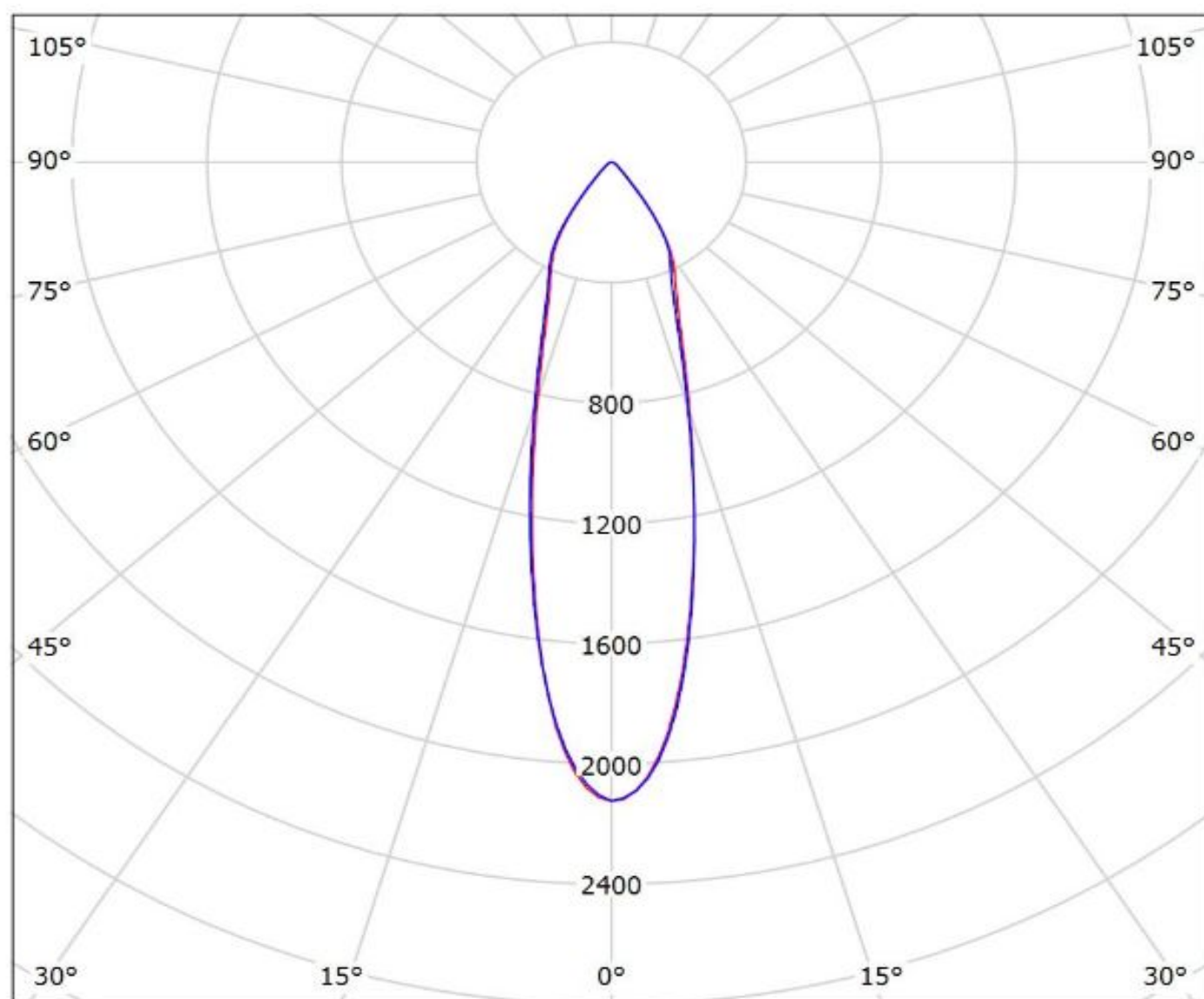
## LEDiL Oy CN12711\_LENINA-W-DL\_(ZC-40) Eff. 82,16% / LDC (Linear)

Luminaire: LEDiL Oy CN12711\_LENINA-W-DL\_(ZC-40) Eff. 82,16%  
Lamps: 1 x SEOUL\_ZC-40 (1233.37lm@250mA)





Luminaire: Ledil CN12710\_LENINA-M-DL\_(CITIZEN\_CLU730)  
Lamps: 1 x CITIZEN\_CLU730\_(C12692\_LENINA-STD-BASE-CLL040)  
\_783.884lm@250mA\_P=8.5W\_I=0.25A



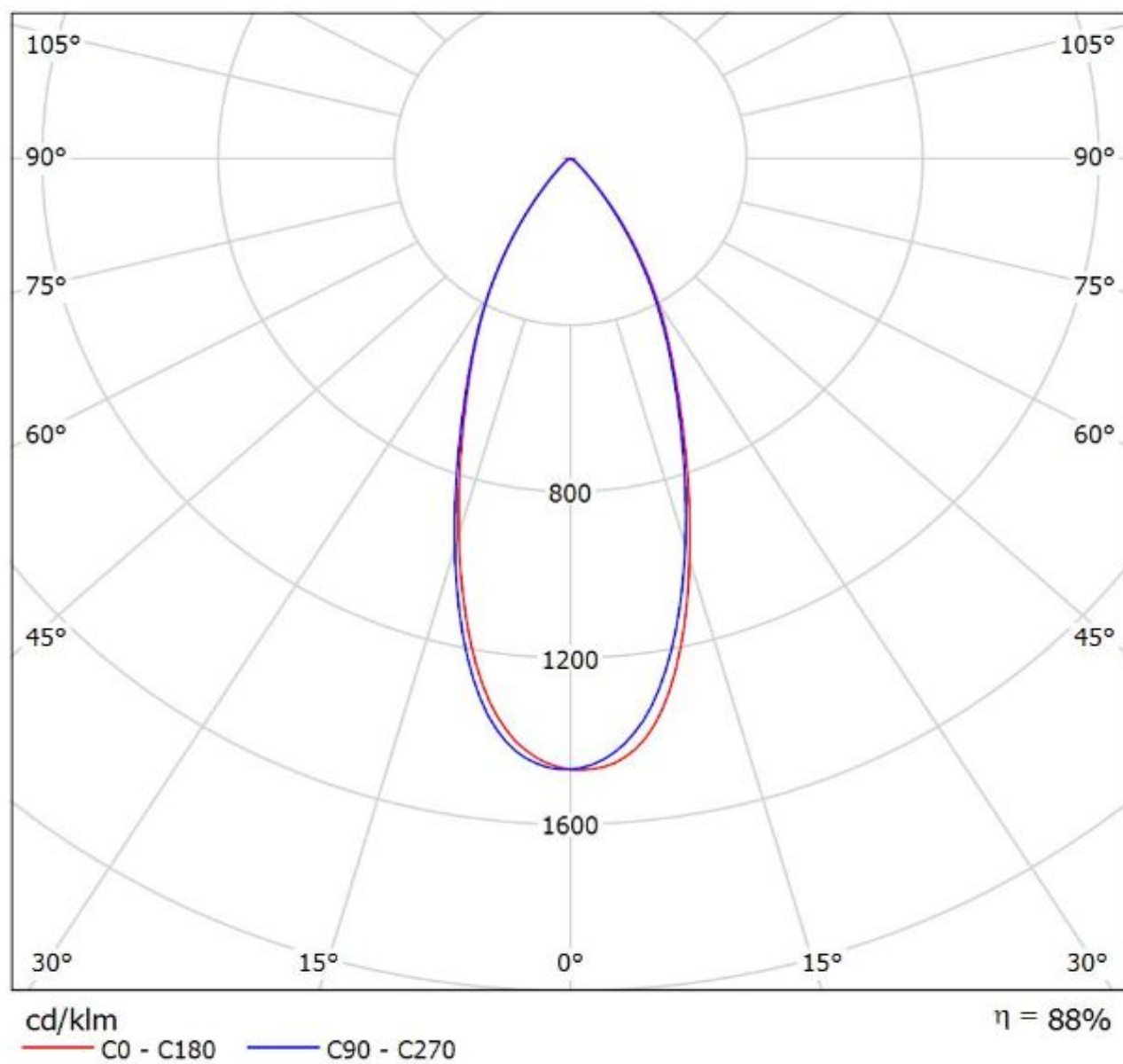
cd/klm

— C0 - C180 — C90 - C270

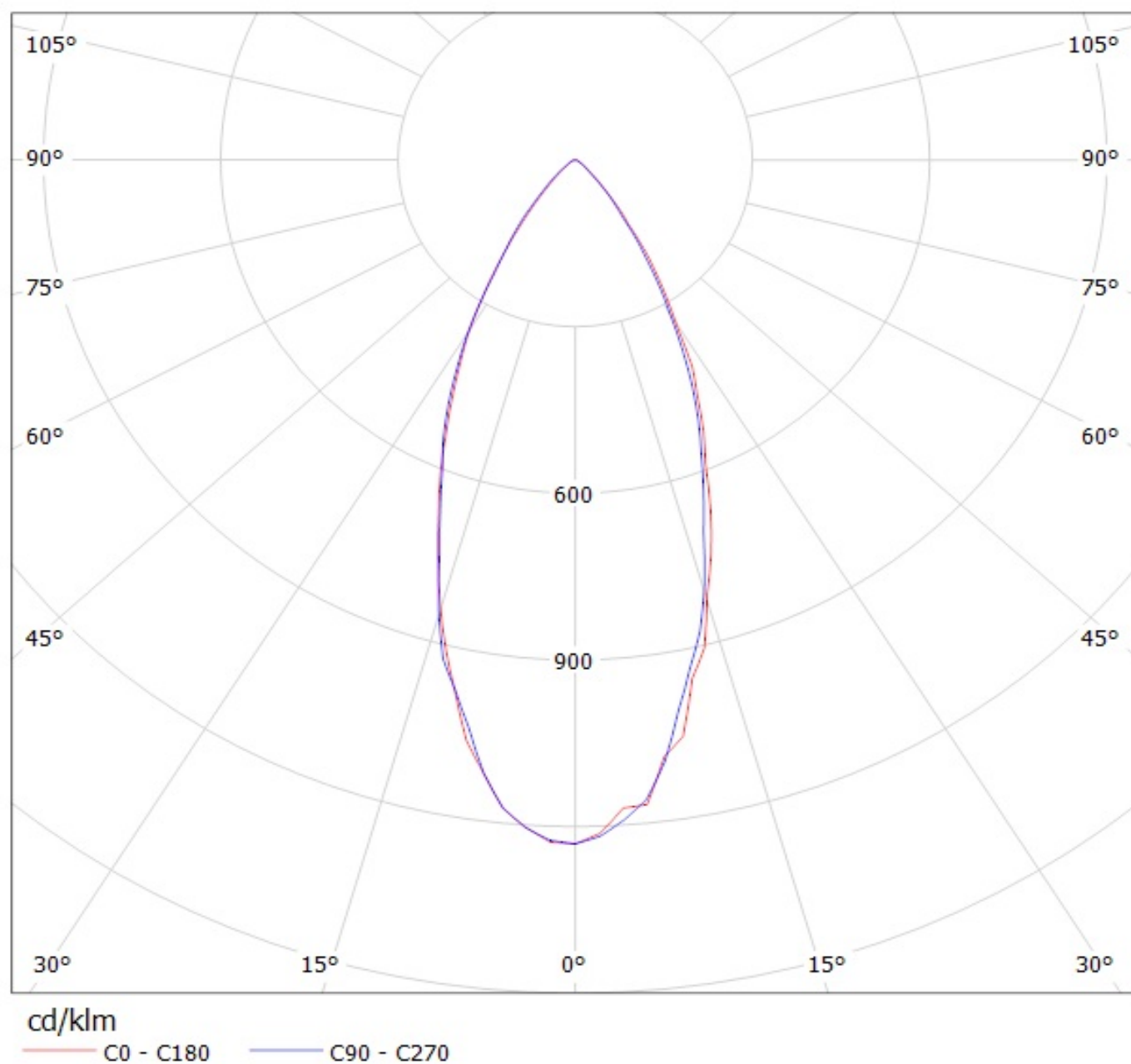
$\eta = 84\%$

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



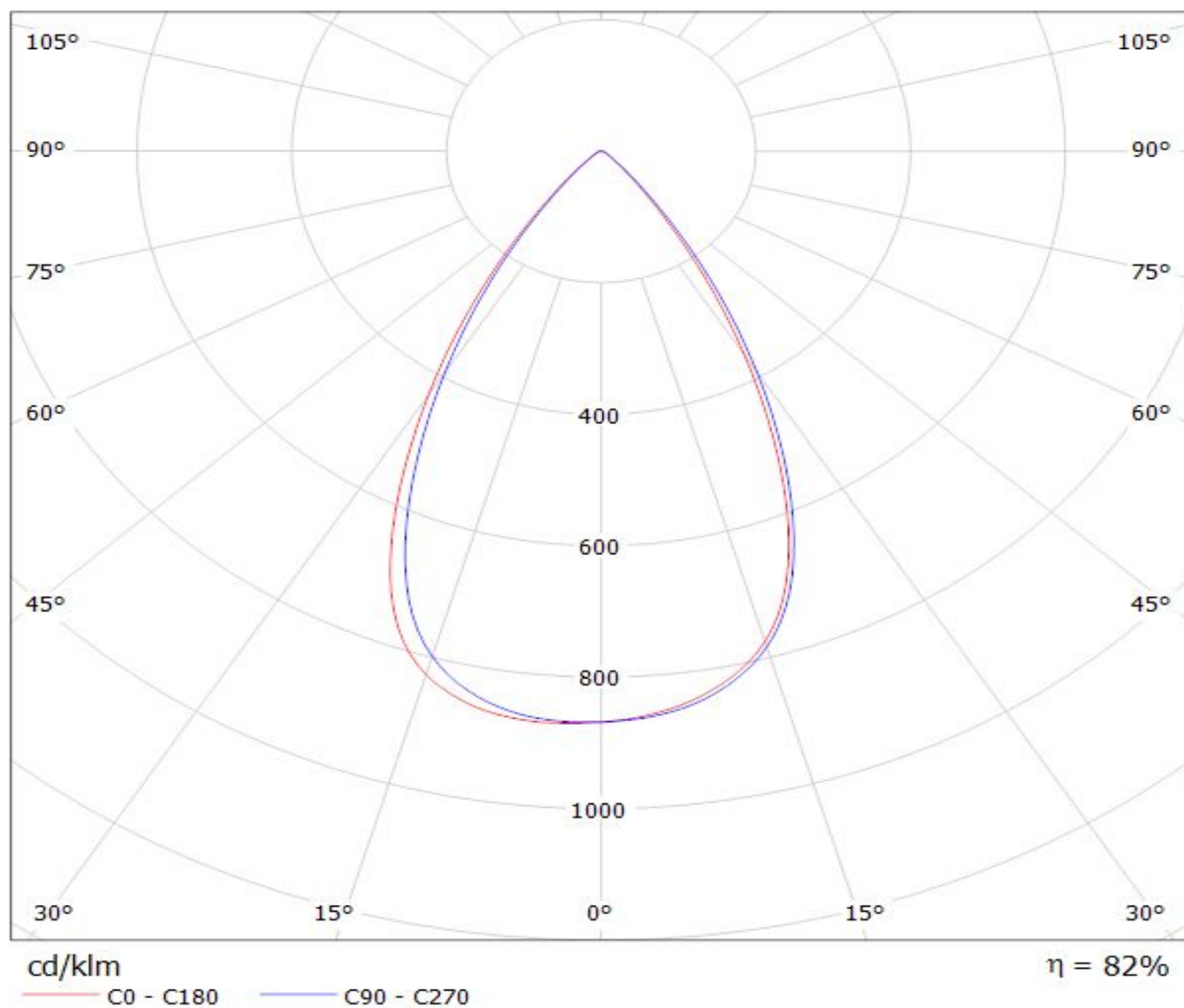
Luminaire: Ledil Oy CN12710\_LENINA-M-DL (Citizen CLL040 1044lm @ 250mA) Efficiency=78%  
Lamps: 1 x Citizen CLL040 1044lm @ 250mA



## 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.