

## DETAILS

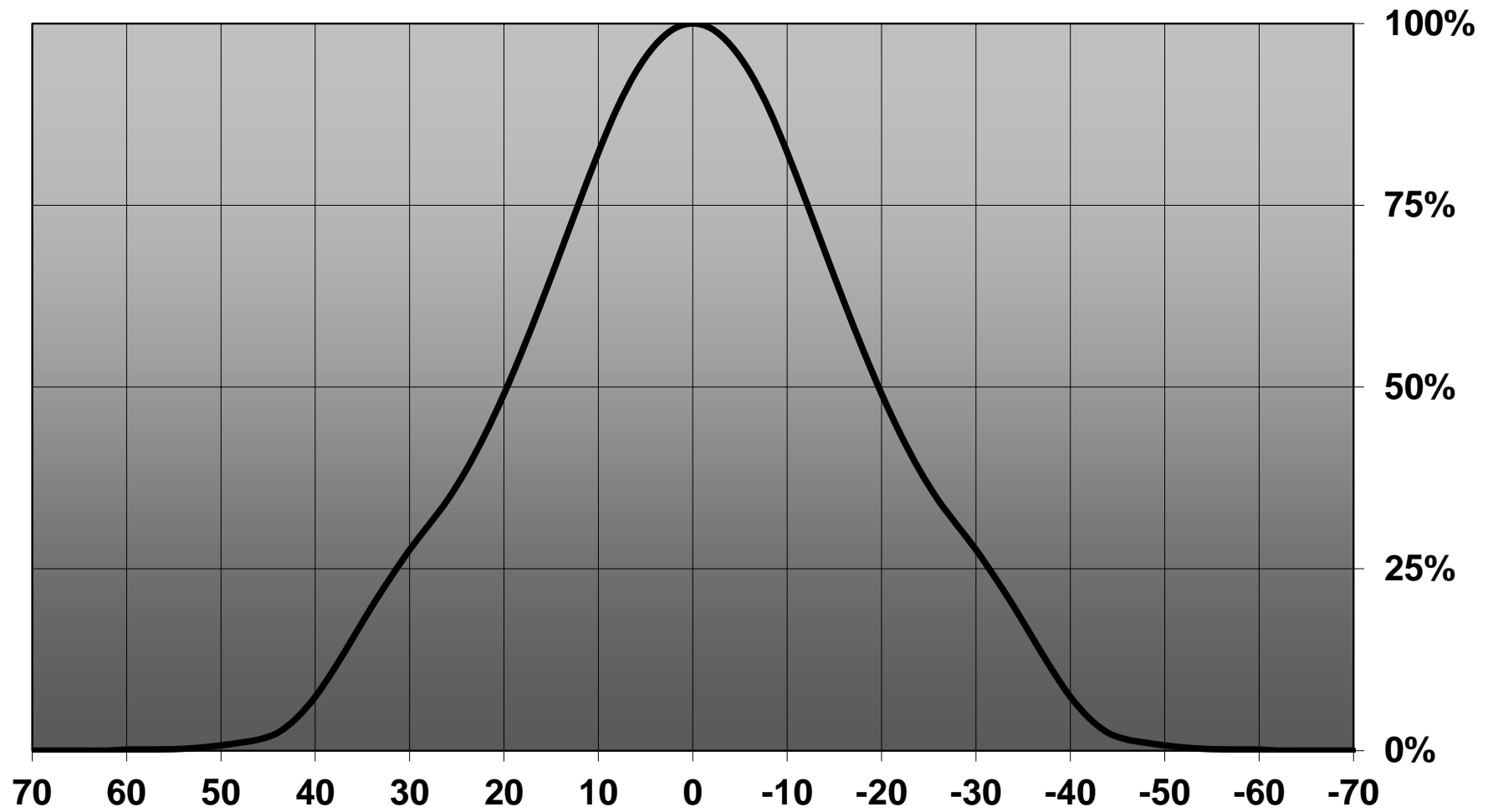
<b>Product Number</b>	CN12707_LENINA-M
<b>Family</b>	Lenina
<b>Type</b>	RefPack
<b>Color</b>	metal
<b>Diameter</b>	74 mm
<b>Height</b>	46,3 mm
<b>Style</b>	round
<b>Optic Material</b>	
<b>Holder Material</b>	
<b>Fastening</b>	screw
<b>Status</b>	production ready
<b>ROHS Compliant</b>	Yes
<b>Date Updated</b>	31/10/2016

## OPTICAL PROPERTIES

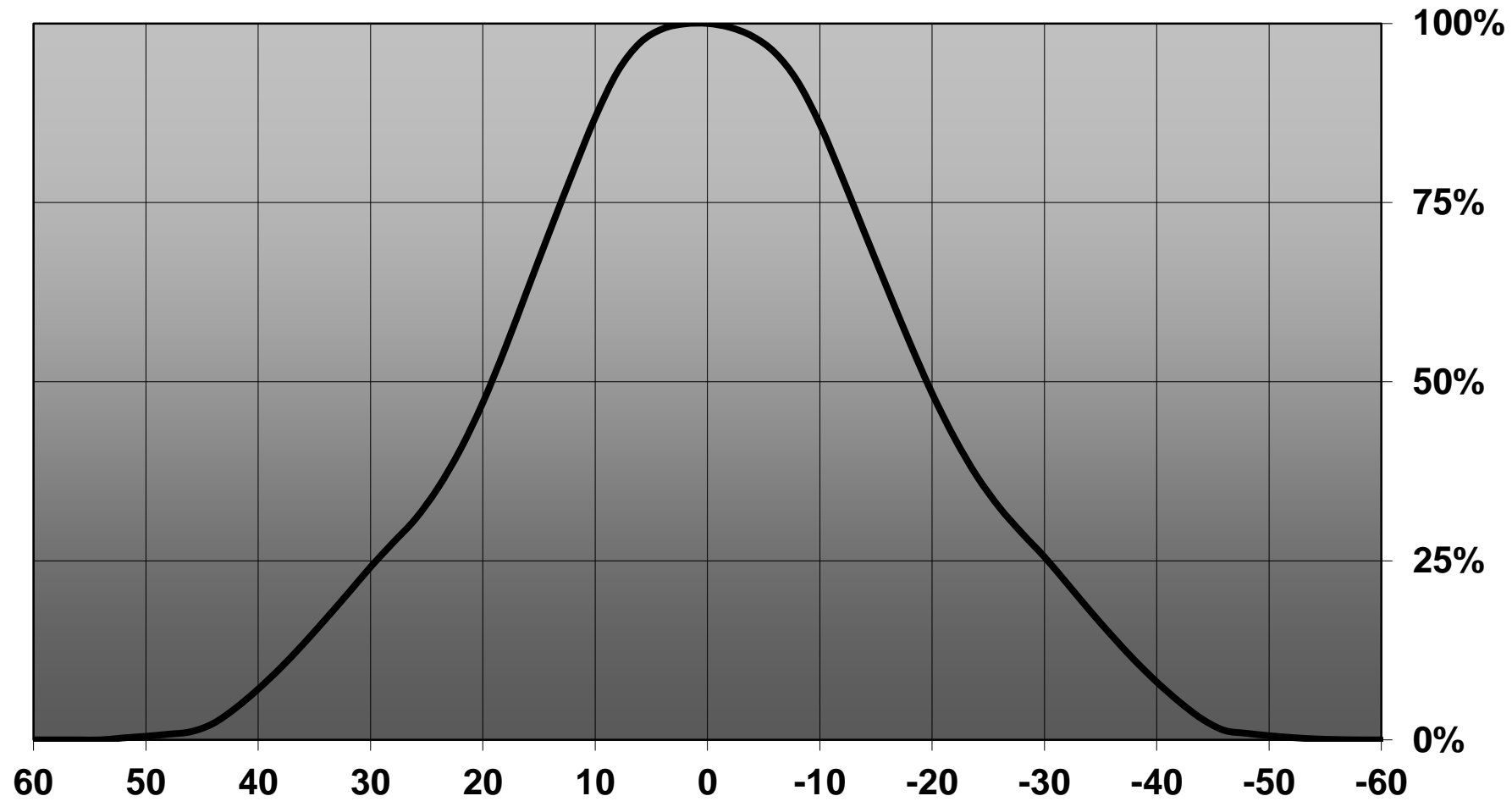
LED	Viewing	Light	Efficiency	cd/lm	Connector
	Angle	Beam			
CLL04x/CLU04x	40 deg	Medium	86 %	1.500	-
CLU730/731	24 deg	Medium	94 %	2.800	-
LUXEON CoB 1216	39 deg	Medium	92 %	1.700	-
CXM-22	39 deg	Medium	92 %	1.800	LEDiL: LEDiL
COB D Series LES 22 mm	40 deg	Medium	91 %	1.600	-
ZC25/40	42 deg	Medium	85 %	1.400	-



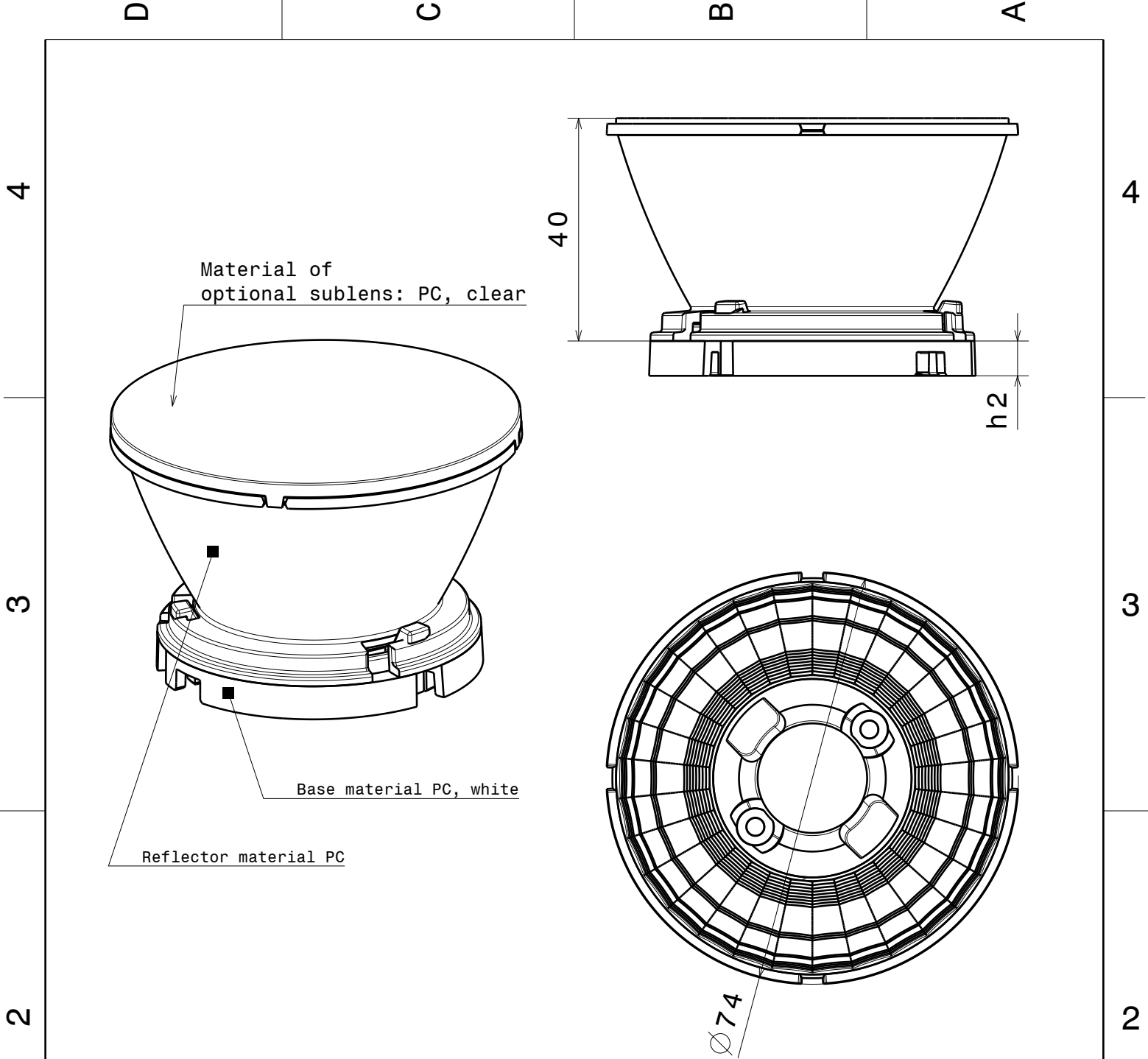
Relative intensity of CN12707\_LENINA-M



### Relative intensity of CN12707\_LENINA-M\_(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**

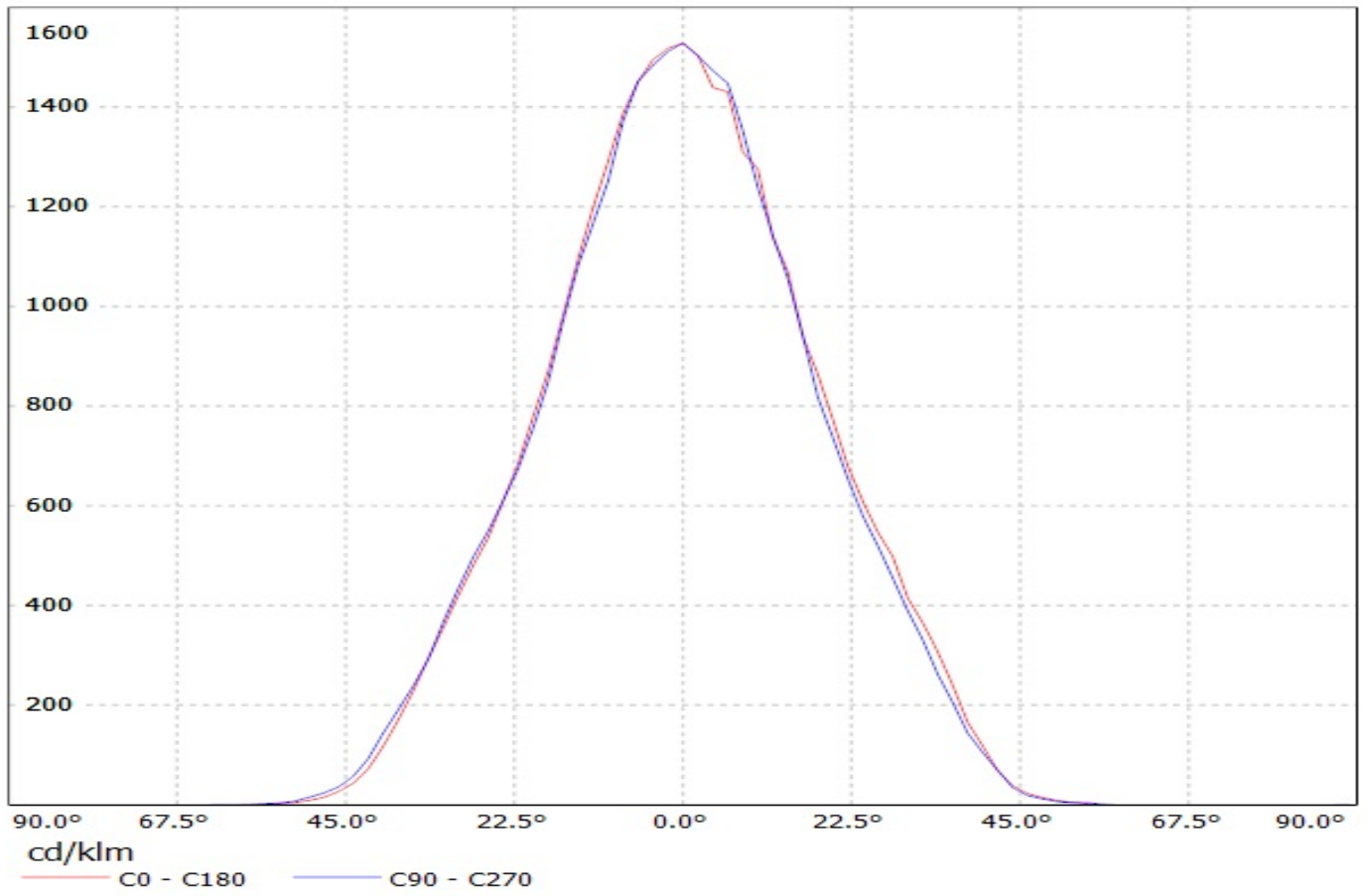
**Datasheet Lenina series**

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

D

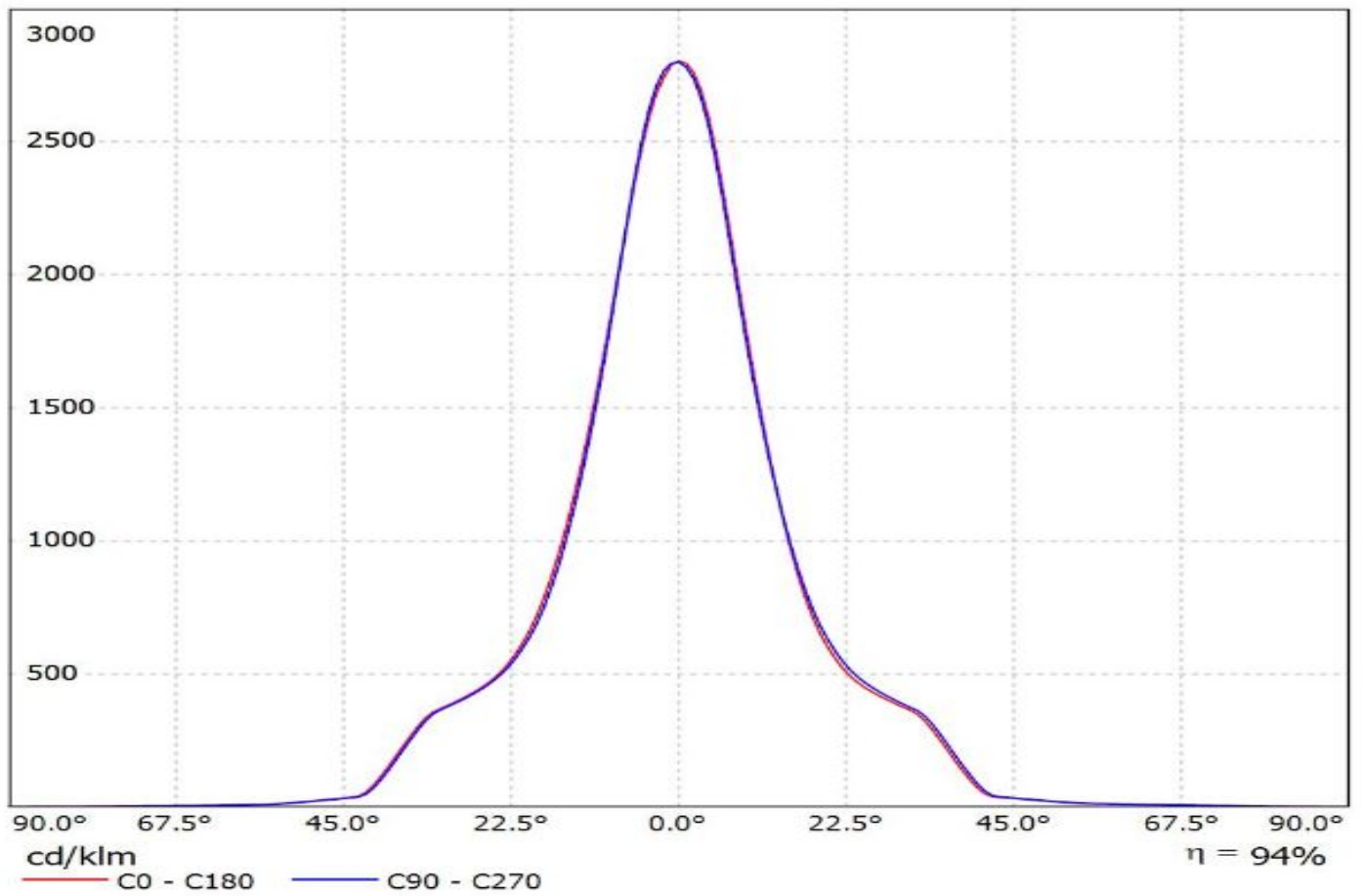
A

Luminaire: Ledil Oy CN12707\_LENINA-M (Citizen CLL040 1044lm @ 250mA) Efficiency=86%  
Lamps: 1 x Citizen CLL040 1044lm @ 250mA



Luminaire: Ledil CN12707\_LENINA-M\_(CLU730)

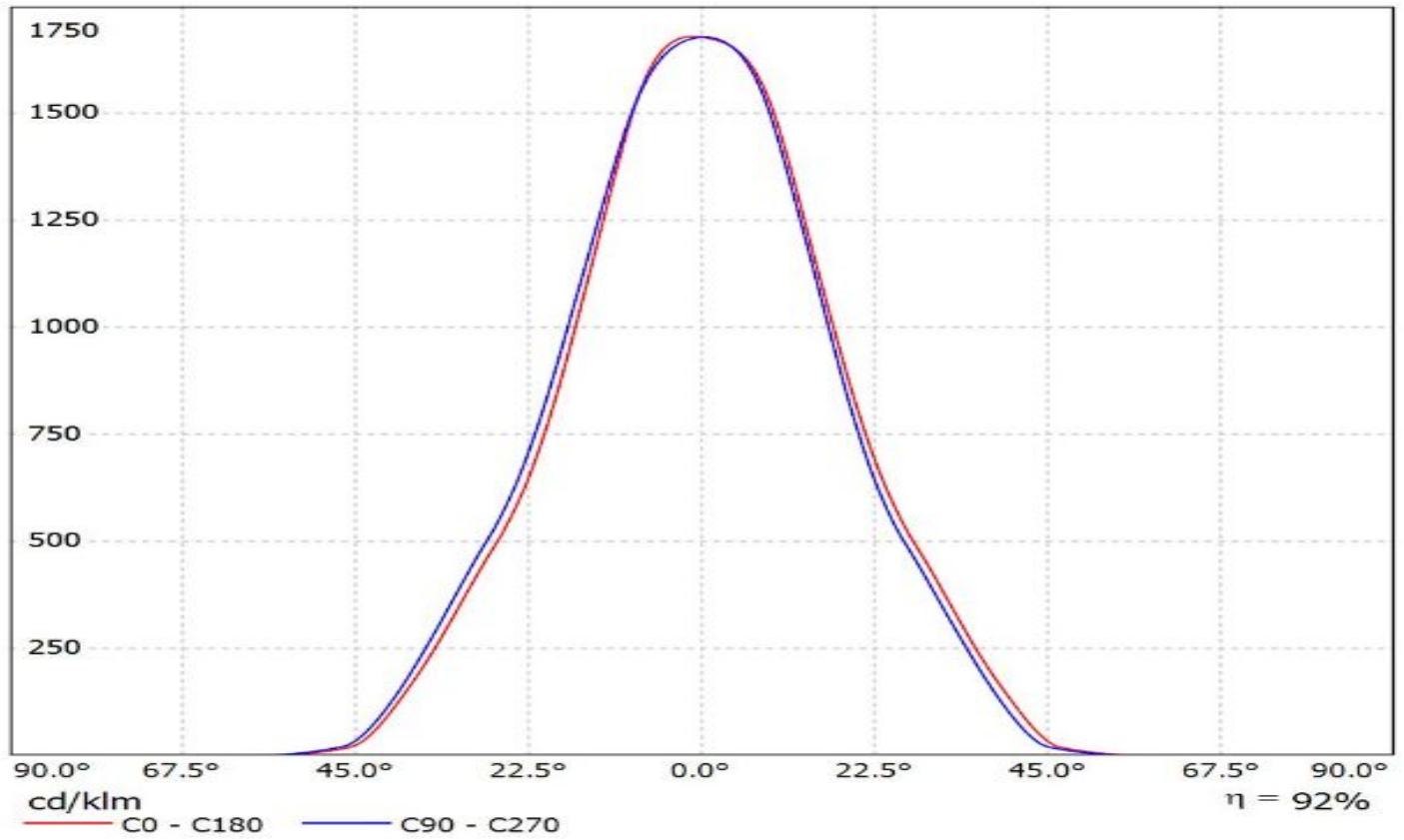
Lamps: 1 x CITIZEN\_CLU730\_(C12692\_LENA-STD-BASE-CLL040)\_1247.17lm@250mA\_P=8.5W\_I=0.25A



# Ledil CN12707\_LENINA-M\_(CoB\_1216) / LDC (Linear)

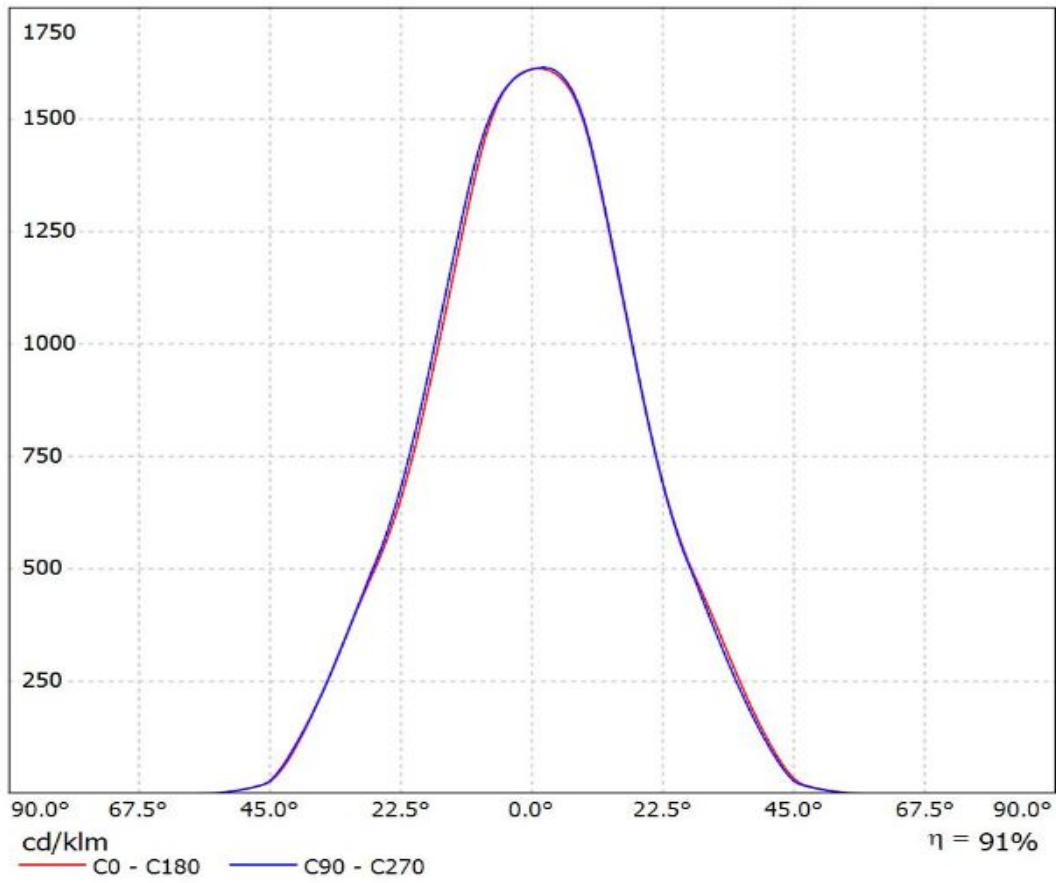
Luminaire: Ledil CN12707\_LENINA-M\_(CoB\_1216)

Lamps: 1 x Luxeon\_CoB\_1216\_(L2C2-40801216E2300)\_1399.08lm@250mA\_P=8.00375W\_I=0.25A



Luminaire: Ledil CN12707\_LENINA-M (COB\_D LES\_22mm)

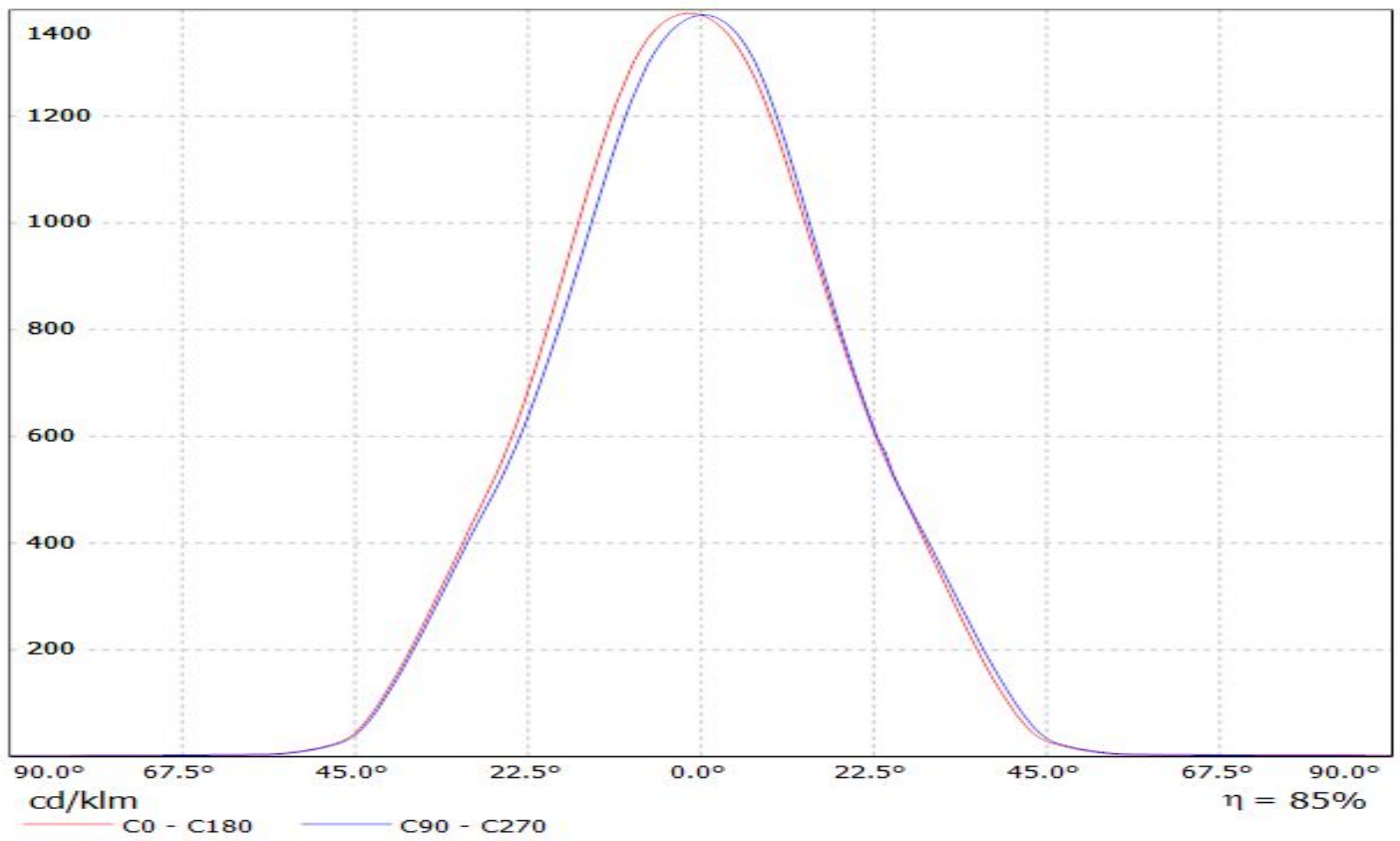
Lamps: 1 x Samsung\_COB\_D\_LES\_22mm\_(SPHWHHAHDNK25YZT3D1)+C12692\_1511.79lm@250mA\_CCT=4000K\_P=8.0675W\_I=0.250A



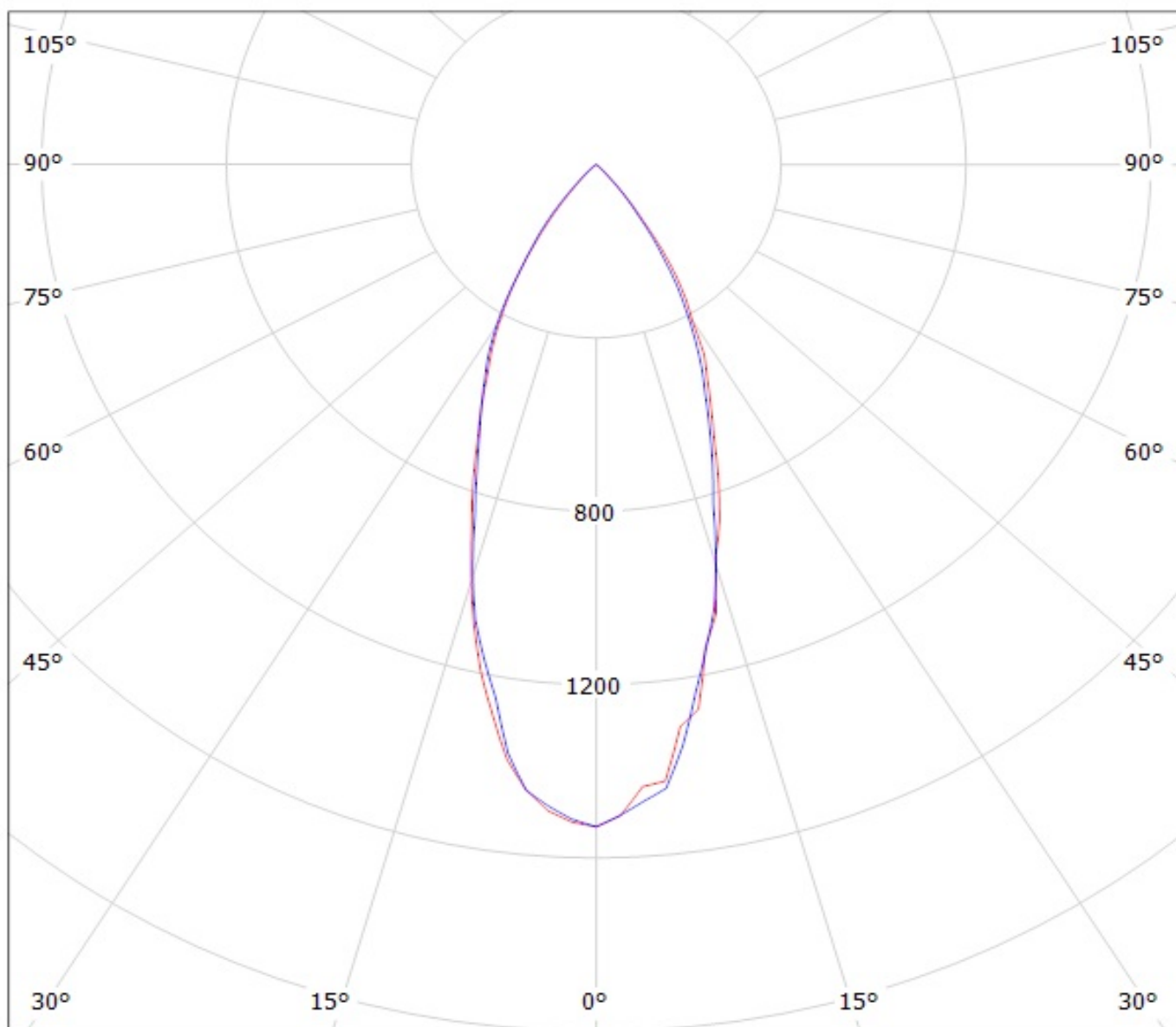


# LEDiL Oy CN12707\_LENINA-M\_(ZC-40) Eff. 85,3% / LDC (Linear)

Luminaire: LEDiL Oy CN12707\_LENINA-M\_(ZC-40) Eff. 85,3%  
Lamps: 1 x SEOUL\_ZC-40 (1233.37lm@250mA)



Luminaire: Ledil Oy CN12707\_LENINA-M (Citizen CLL040 1044lm @ 250mA) Efficiency=86%  
Lamps: 1 x Citizen CLL040 1044lm @ 250mA

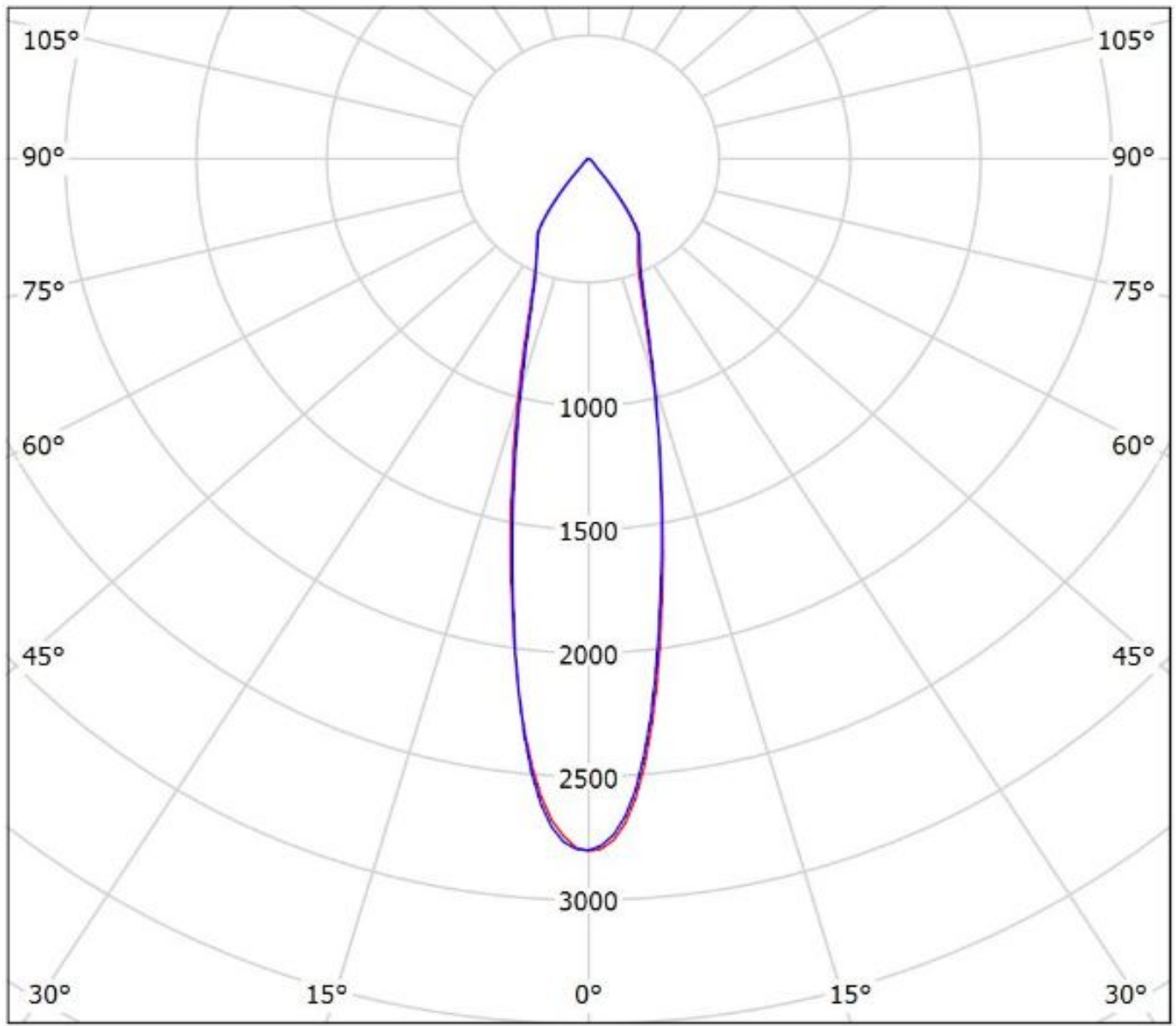


cd/klm

— C0 - C180    — C90 - C270

Luminaire: Ledil CN12707\_LENINA-M\_(CLU730)

Lamps: 1 x CITIZEN\_CLU730\_(C12692\_LENA-STD-BASE-CLL040)\_1247.17lm@250mA\_P=8.5W\_I=0.25A



cd/klm

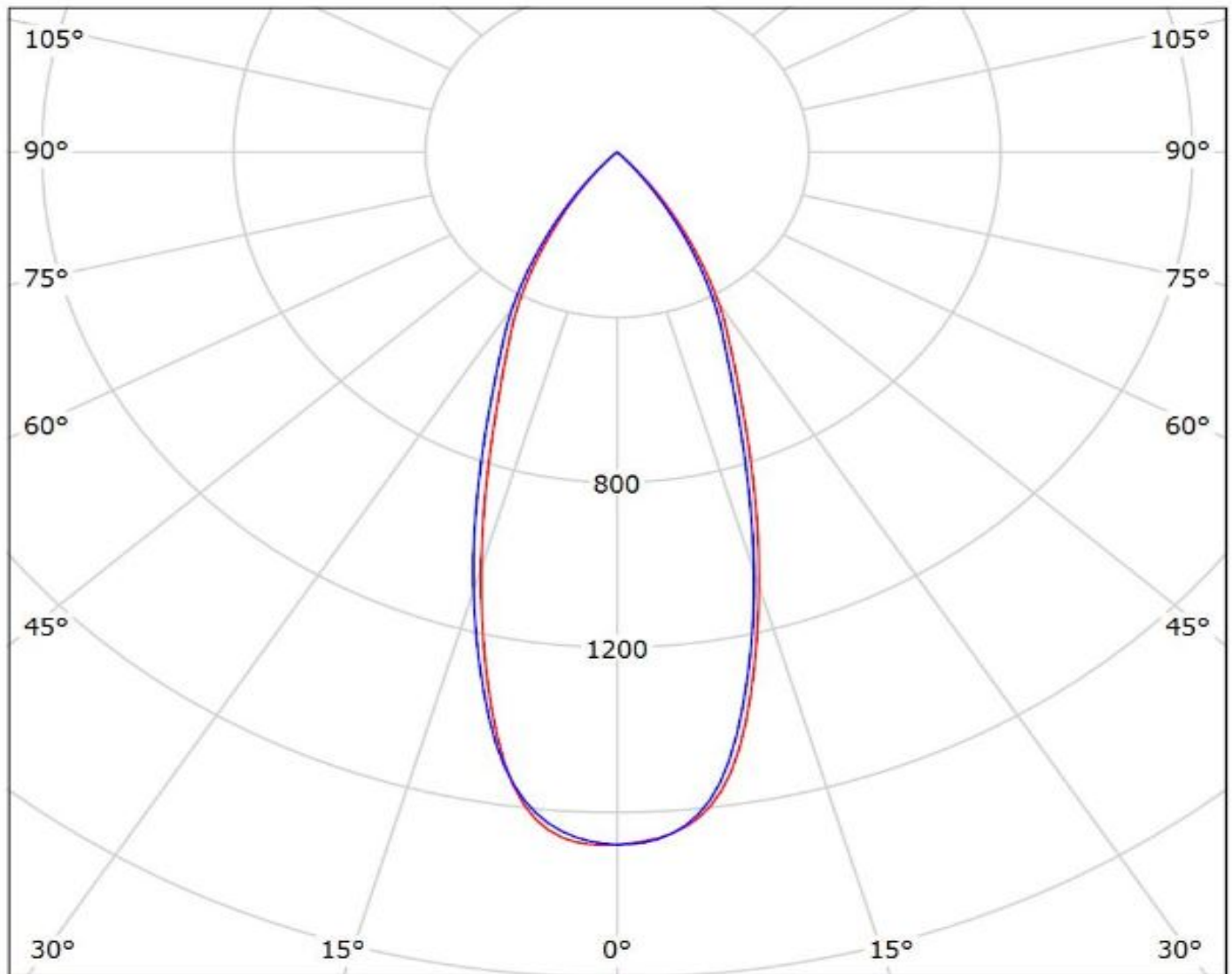
— C0 - C180 — C90 - C270

$\eta = 94\%$

# Ledil CN12707\_LENINA-M\_(CoB\_1216) / LDC (Polar)

Luminaire: Ledil CN12707\_LENINA-M\_(CoB\_1216)

Lamps: 1 x Luxeon\_CoB\_1216\_(L2C2-40801216E2300)\_1399.08lm@250mA\_P=8.00375W\_I=0.25A



cd/klm

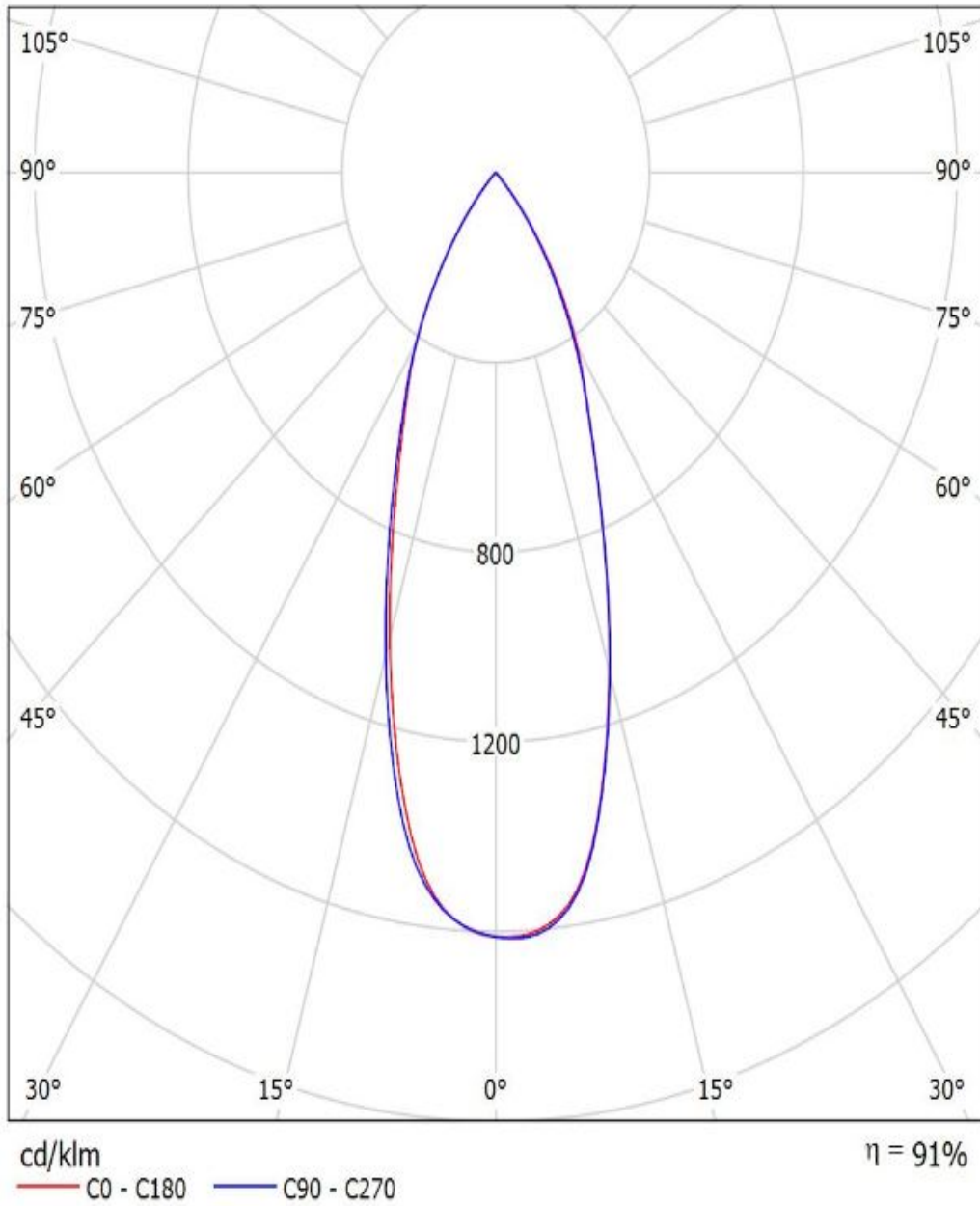
— C0 - C180

— C90 - C270

$\eta = 92\%$

Luminaire: Ledil CN12707\_LENINA-M\_(COB\_D\_LES\_22mm)

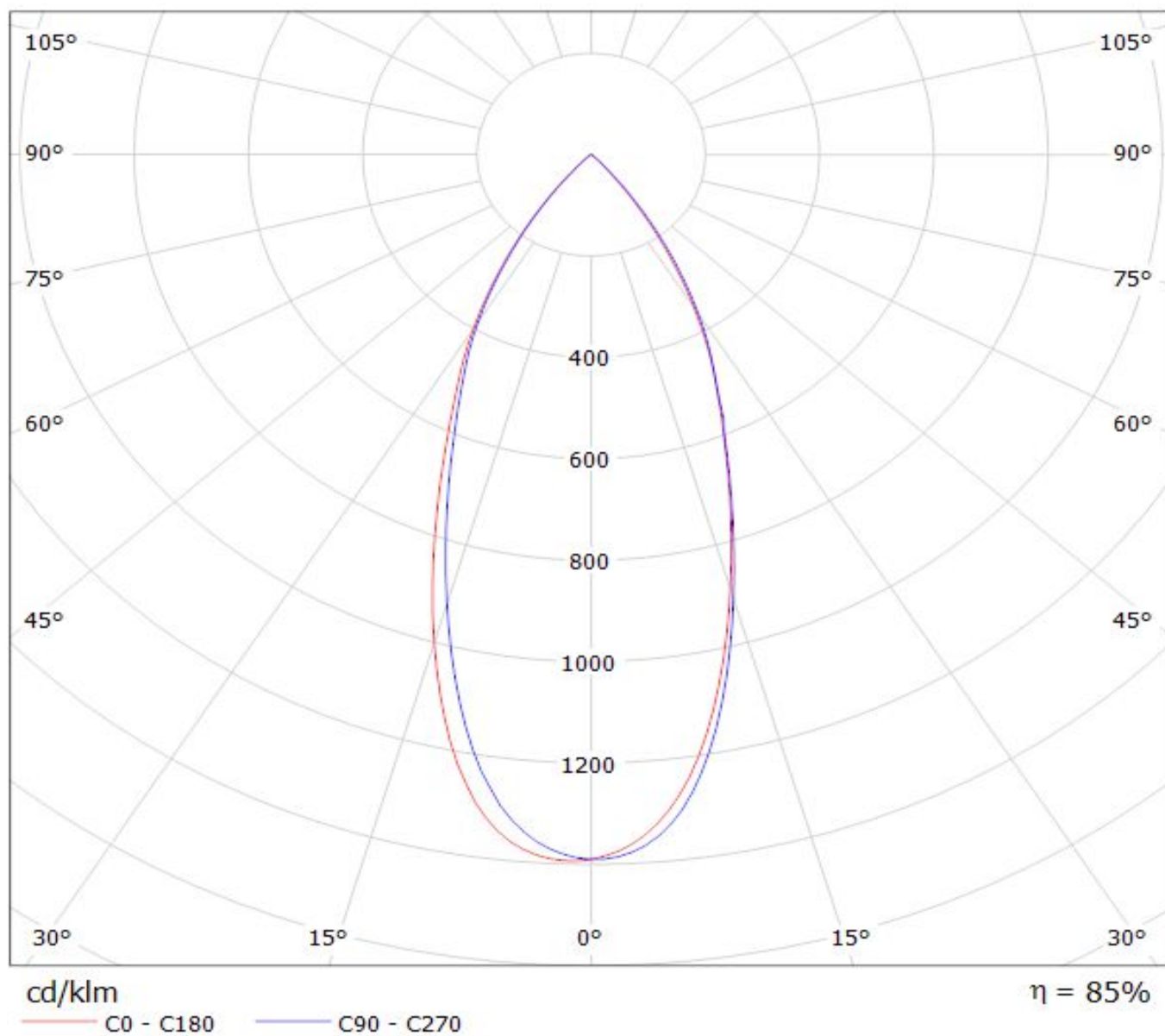
Lamps: 1 x Samsung\_COB\_D\_LES\_22mm\_(SPHWHADNK25YZT3D1)+C12692\_1511.79lm@250mA\_CCT=4000K\_P=8.0675W\_I=0.250A



## LEDiL Oy CN12707\_LENINA-M\_(ZC-40) Eff. 85,3% / LDC (Polar)

Luminaire: LEDiL Oy CN12707\_LENINA-M\_(ZC-40) Eff. 85,3%

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.