

## DETAILS

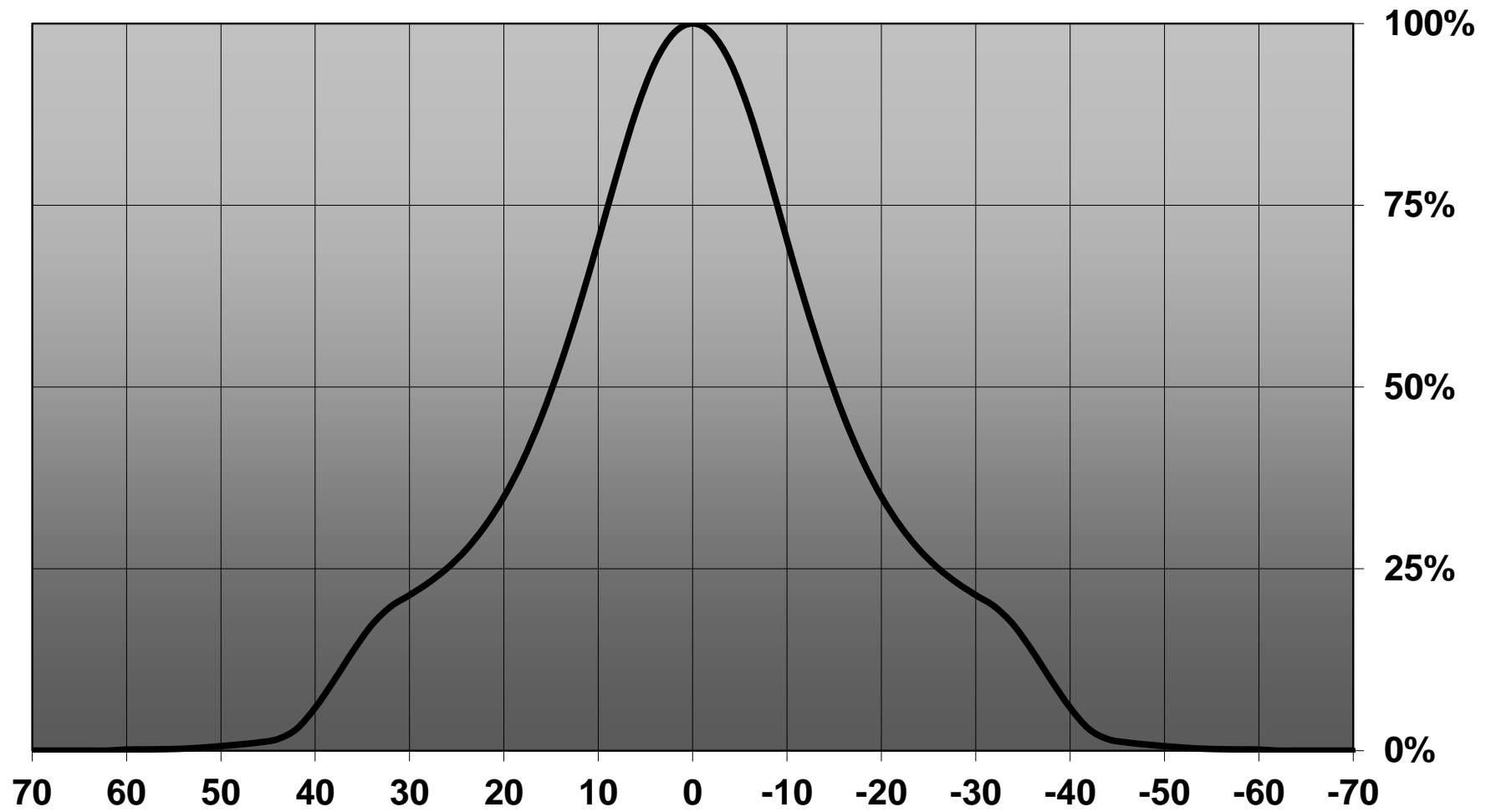
<b>Product Number</b>	CN12701_LENINA-M
<b>Family</b>	Lenina
<b>Type</b>	RefPack
<b>Color</b>	metal
<b>Diameter</b>	74 mm
<b>Height</b>	45,4 mm
<b>Style</b>	round
<b>Optic Material</b>	
<b>Holder Material</b>	
<b>Fastening</b>	screw
<b>Status</b>	production ready
<b>ROHS Compliant</b>	Yes
<b>Date Updated</b>	6/03/2017

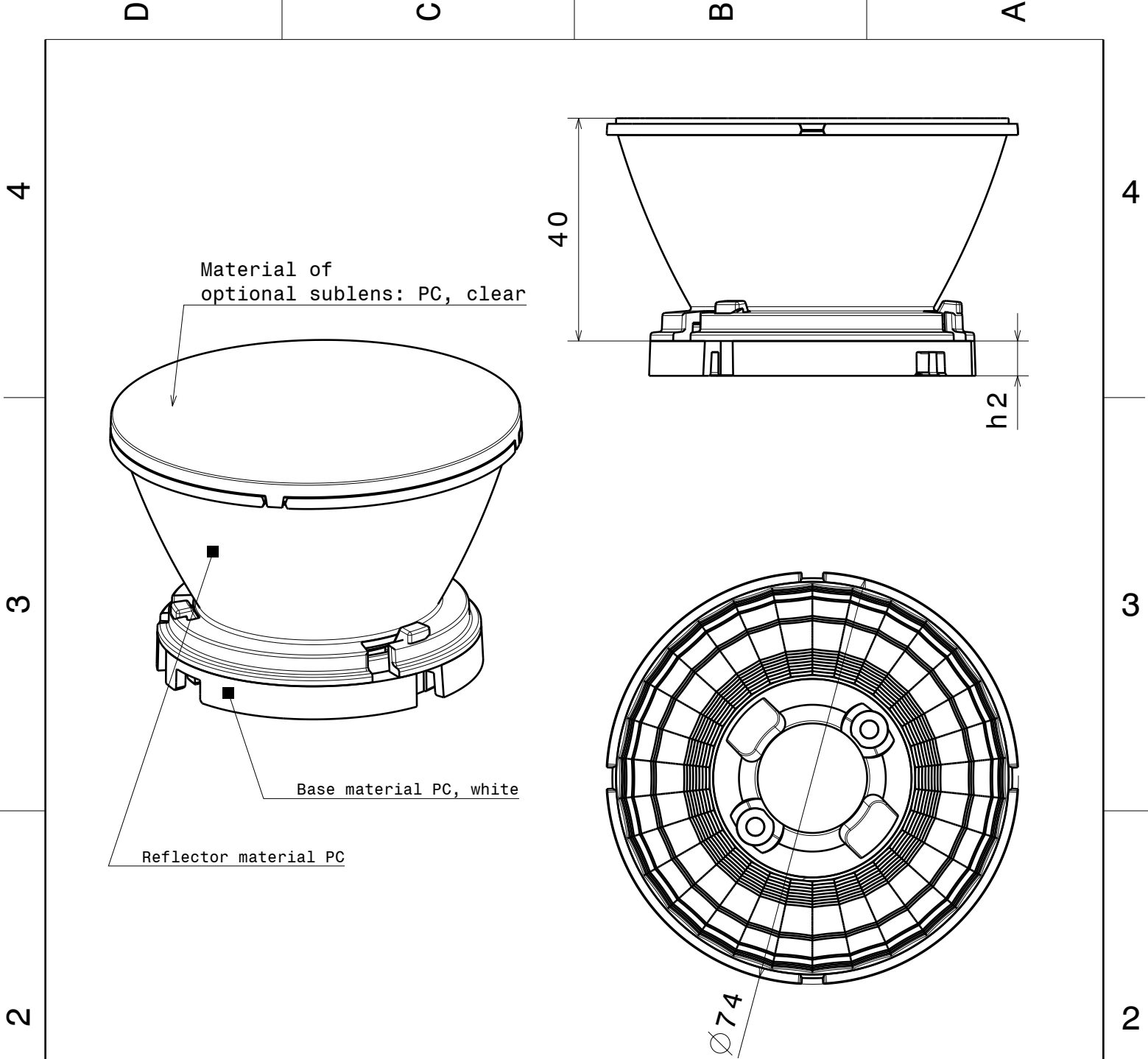
## OPTICAL PROPERTIES

LED	Viewing	Light	Effi-		Connector
	Angle	Beam	ciency	cd/lm	
CLL03x/CLU03x	28 deg	Medium	91 %	2.400	-
CLU710/711	19 deg	Medium	93 %	3.300	-
CLU720/721	23 deg	Medium	88 %	2.700	-
CXM-14	28 deg	Medium	93 %	2.500	LEDiL: LEDiL
Soleriq S15	sim: 30	Medium	sim: 90 %	sim: 2.380	-
COB D Series LES 14.5 mm	30 deg	Medium	92 %	2.200	-
ZC12/18	sim: 26	Medium	sim: 89 %	sim: 2.700	-
STARK SLE PURE G3 LES17	sim: 32	Medium	sim: 90 %	sim: 2.000	-
SLE G5 LES15	26 deg	Medium	93 %	2.600	LEDiL: LEDiL



Relative intensity of CN12701\_LENINA-M






**NOTE:**

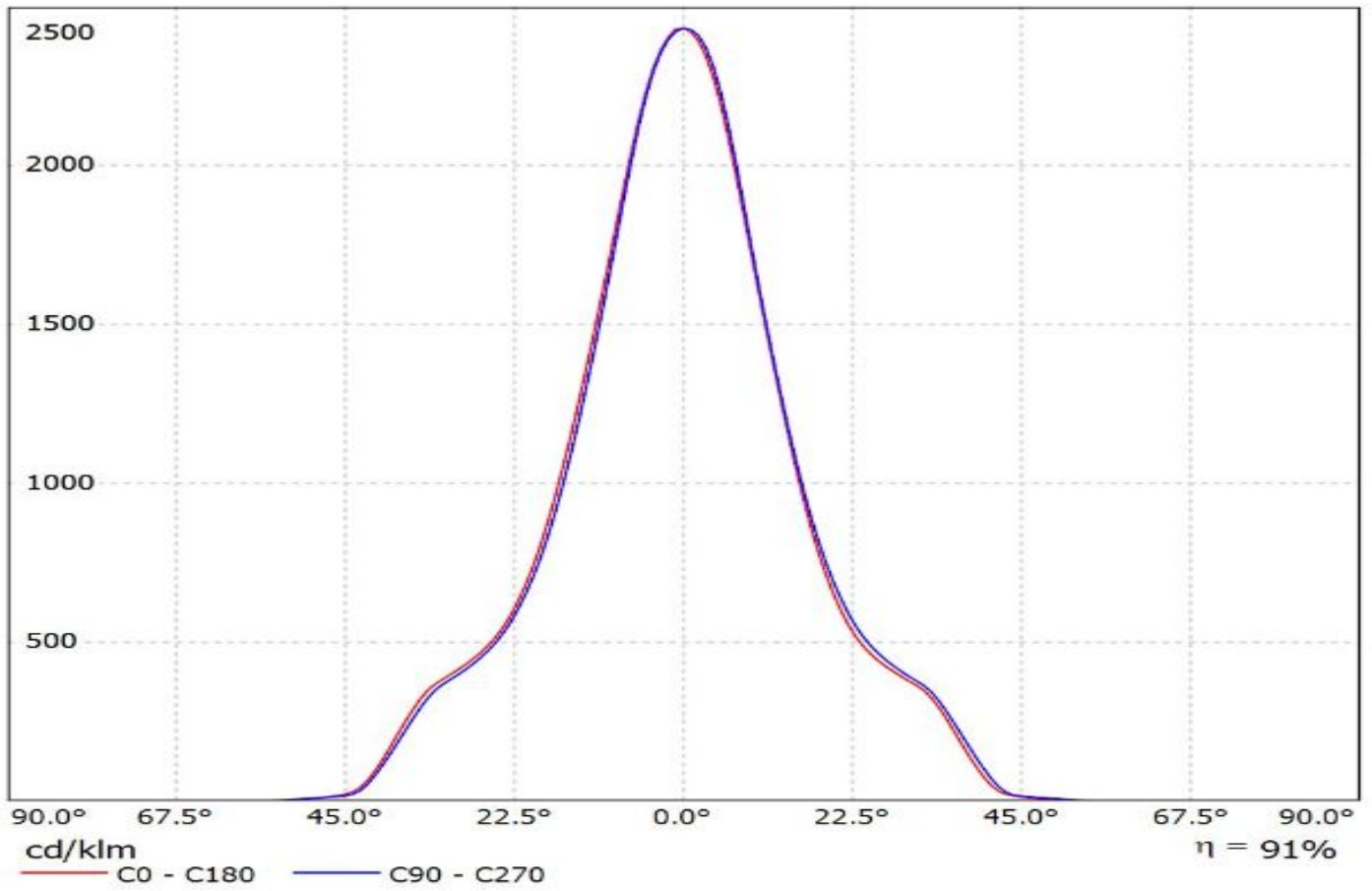
Using optional sublens, add 2.1mm to the system height

Dimension 'h2' varies from 4.5mm to 7mm depending on the LED specific base part

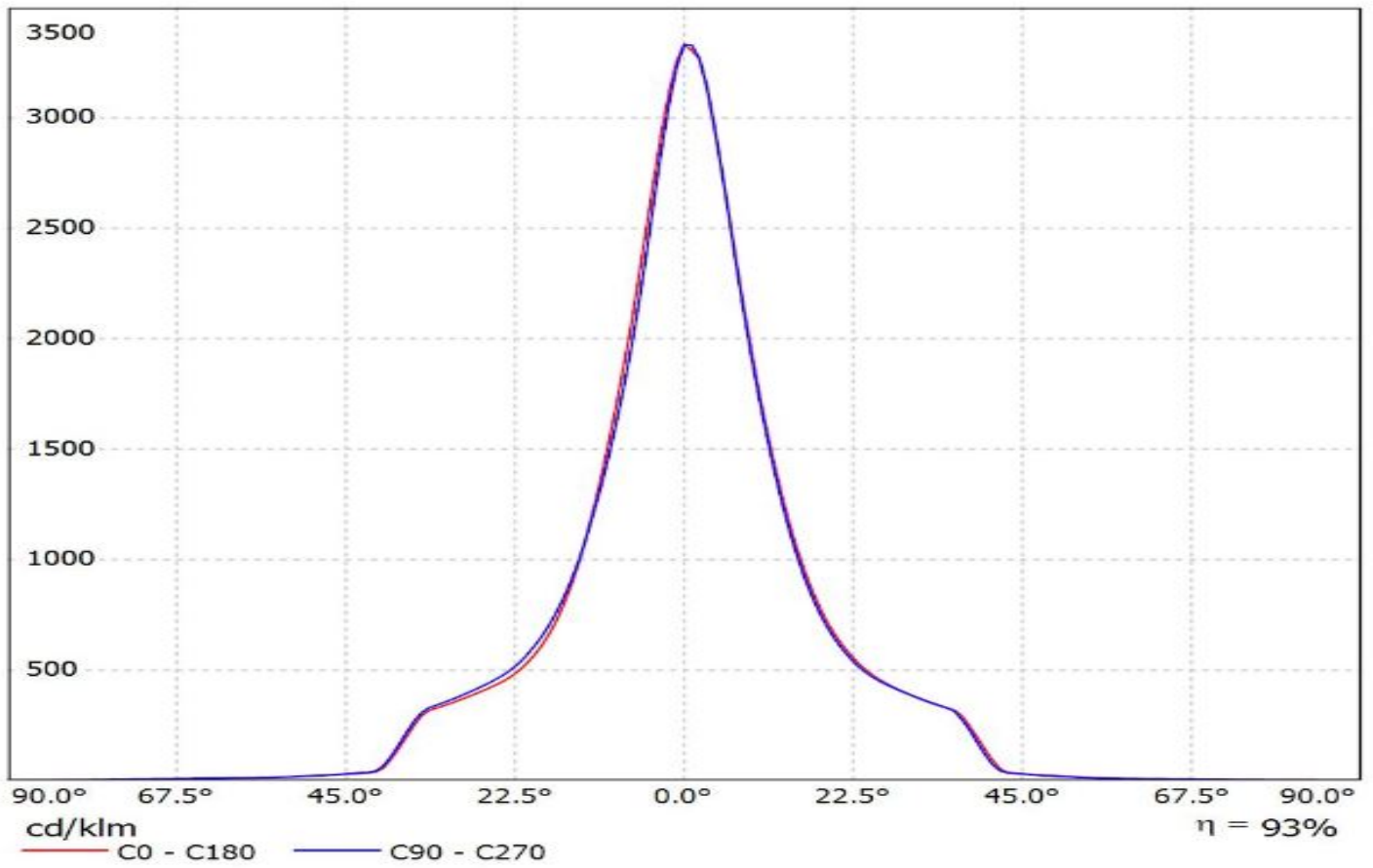
This drawing is our property. It can't be reproduced or communicated without our written agreement.				Ledil Oy Salorankatu 10 FIN-24240 SALO Finland		
DRAWN BY ks		DATE 23.04.2014		<b>DRAWING TITLE</b> <b>Datasheet Lenina series</b>		
CHECKED BY		DATE				SIZE A4
DESIGNED BY pl		DATE 08.03.2012		SCALE 1:1	WEIGHT (g)	SHEET 1/1

Luminaire: Ledil CN12701\_LENINA-M\_(CLU036)

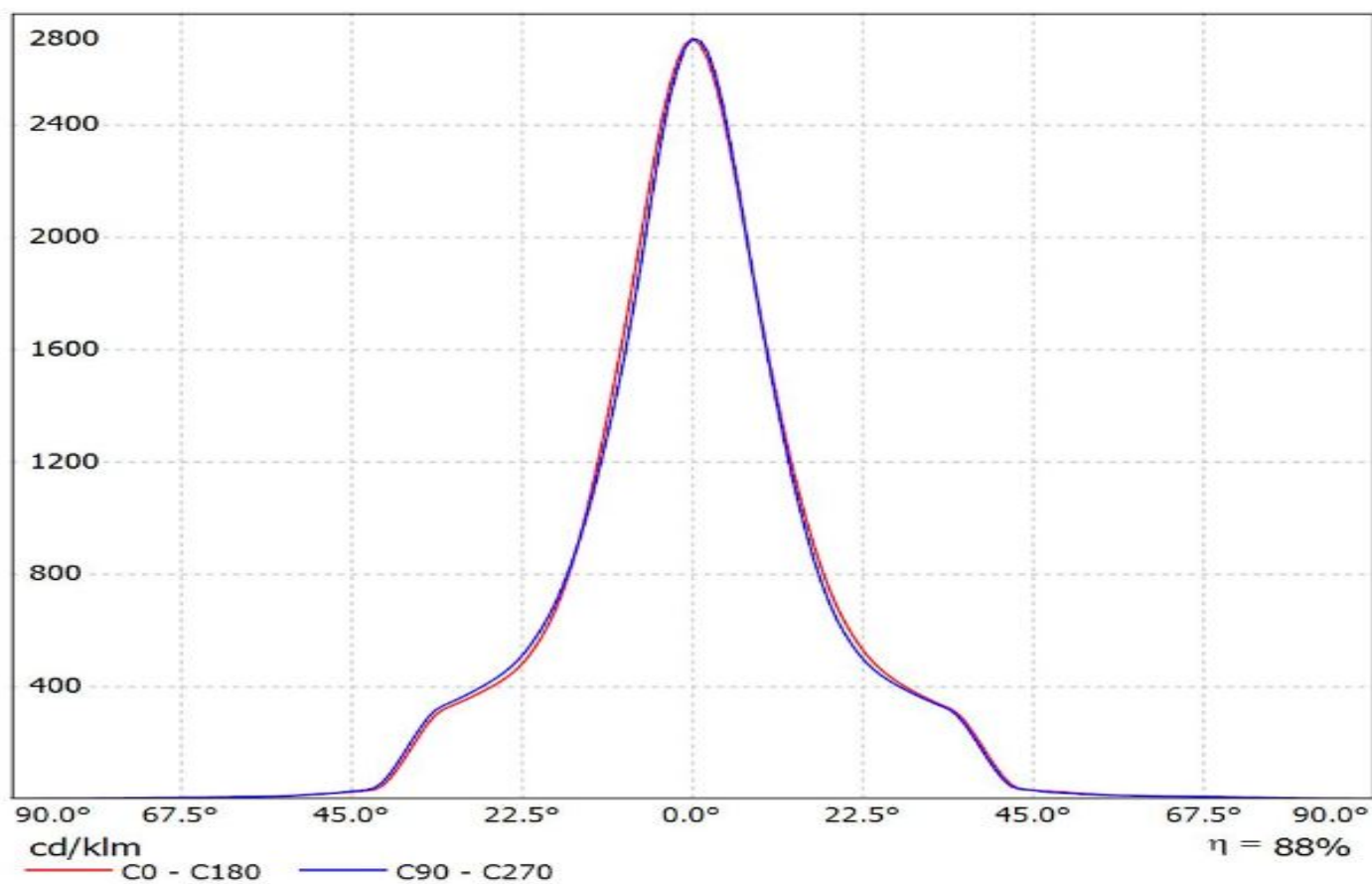
Lamps: 1 x CLU036\_(-1208C1-303M2G2)\_1273.68lm@250mA\_P=8.24W\_I=0.25A



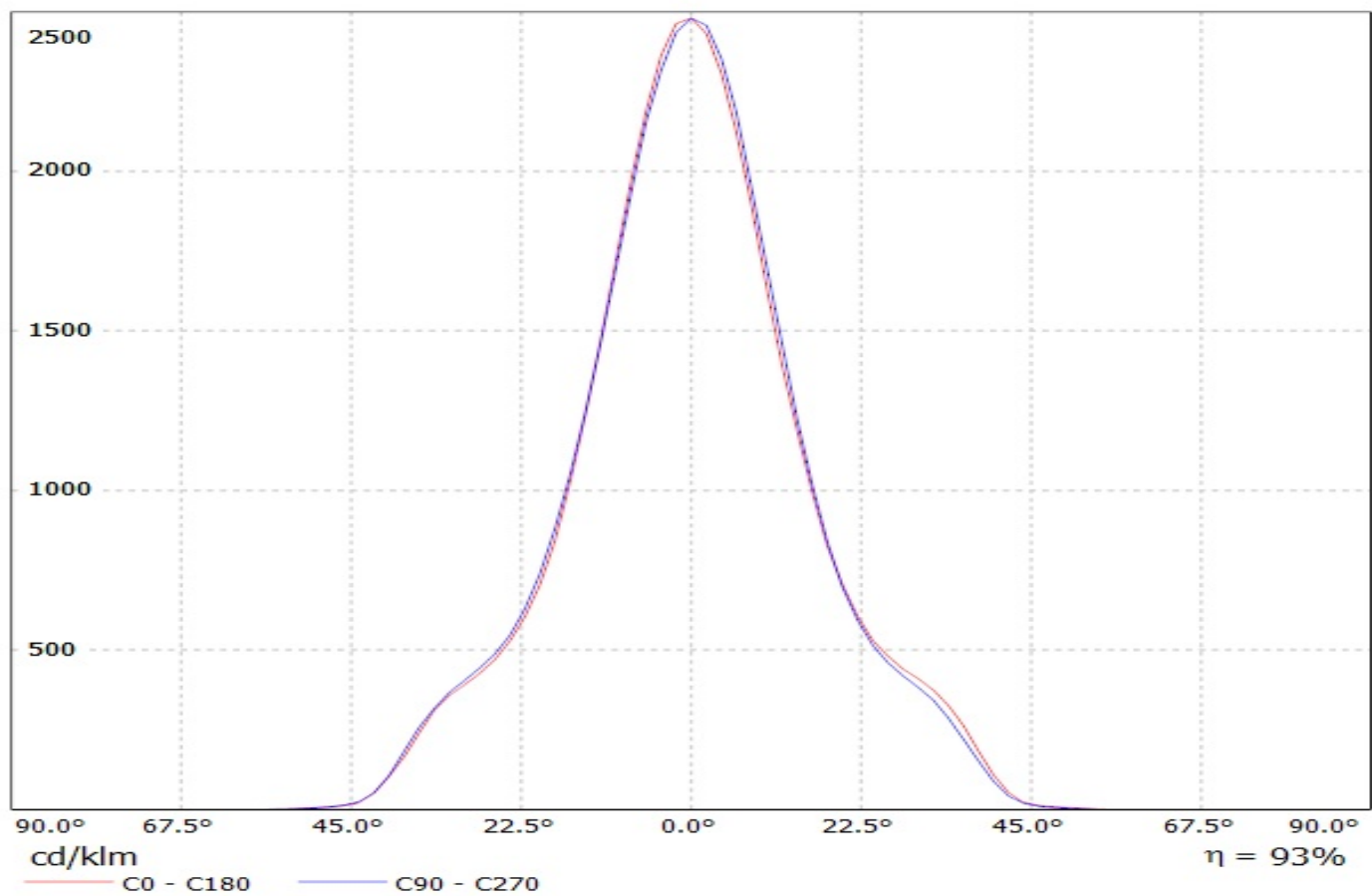
Luminaire: Ledil CN12701\_LENINA-M (CITIZEN\_CLU710)  
Lamps: 1 x CITIZEN\_CLU710\_(C12691\_LENINA-STD-BASE-CLL030)  
\_1194.84lm@250mA\_P=8.35W\_I=0.25A



Luminaire: Ledil CN12701\_LENINA-M (CLU720)  
Lamps: 1 x CITIZEN\_CLU720 (CLU720-1206B8-273M2)  
\_1312.67lm@250mA\_CCT=2700K\_P=8.35W\_I=0.25A

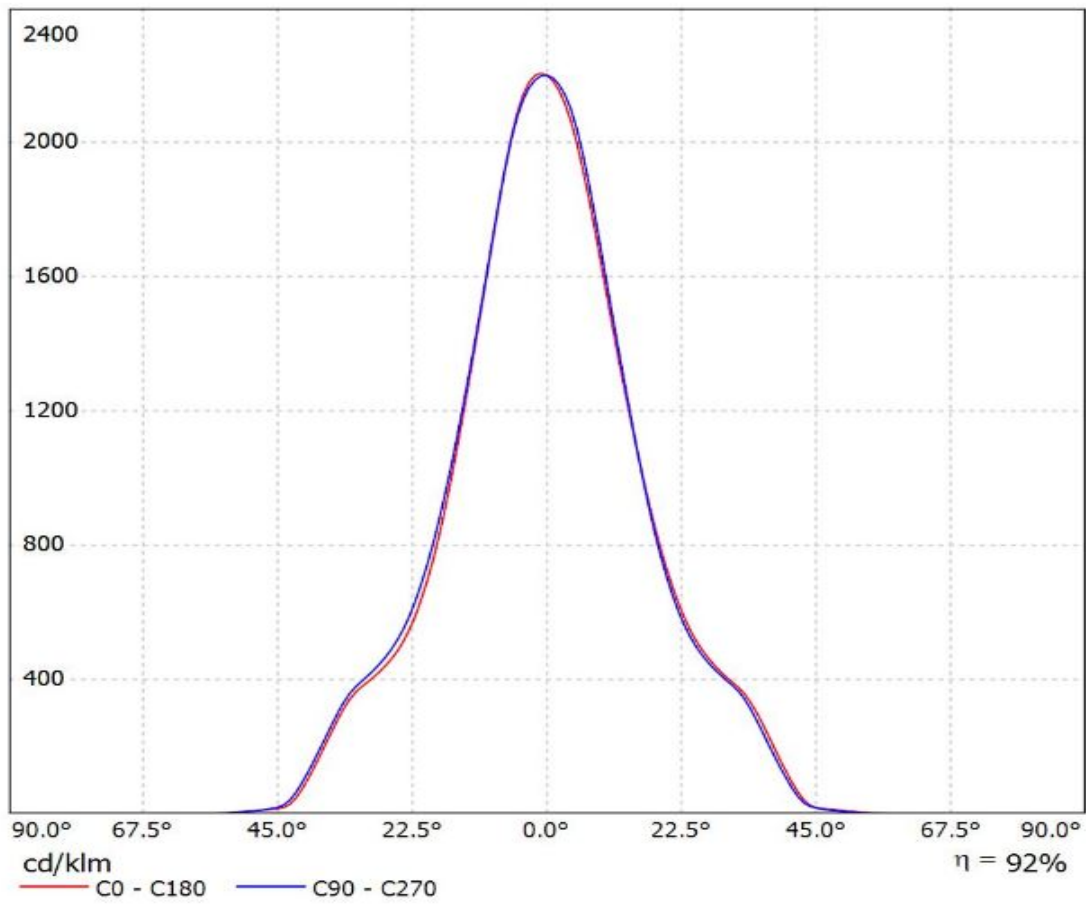


Luminaire: LEDil Oy CN12701\_LENINA-M\_(CXM-14)  
Lamps: 1 x Luminus CXM-14 (1006.41lm @ 250mA) CCT=3100K P=8.5W I=250mA



Luminaire: Ledil CN12701\_LENINA-M (COB-D\_LES\_14.5mm)

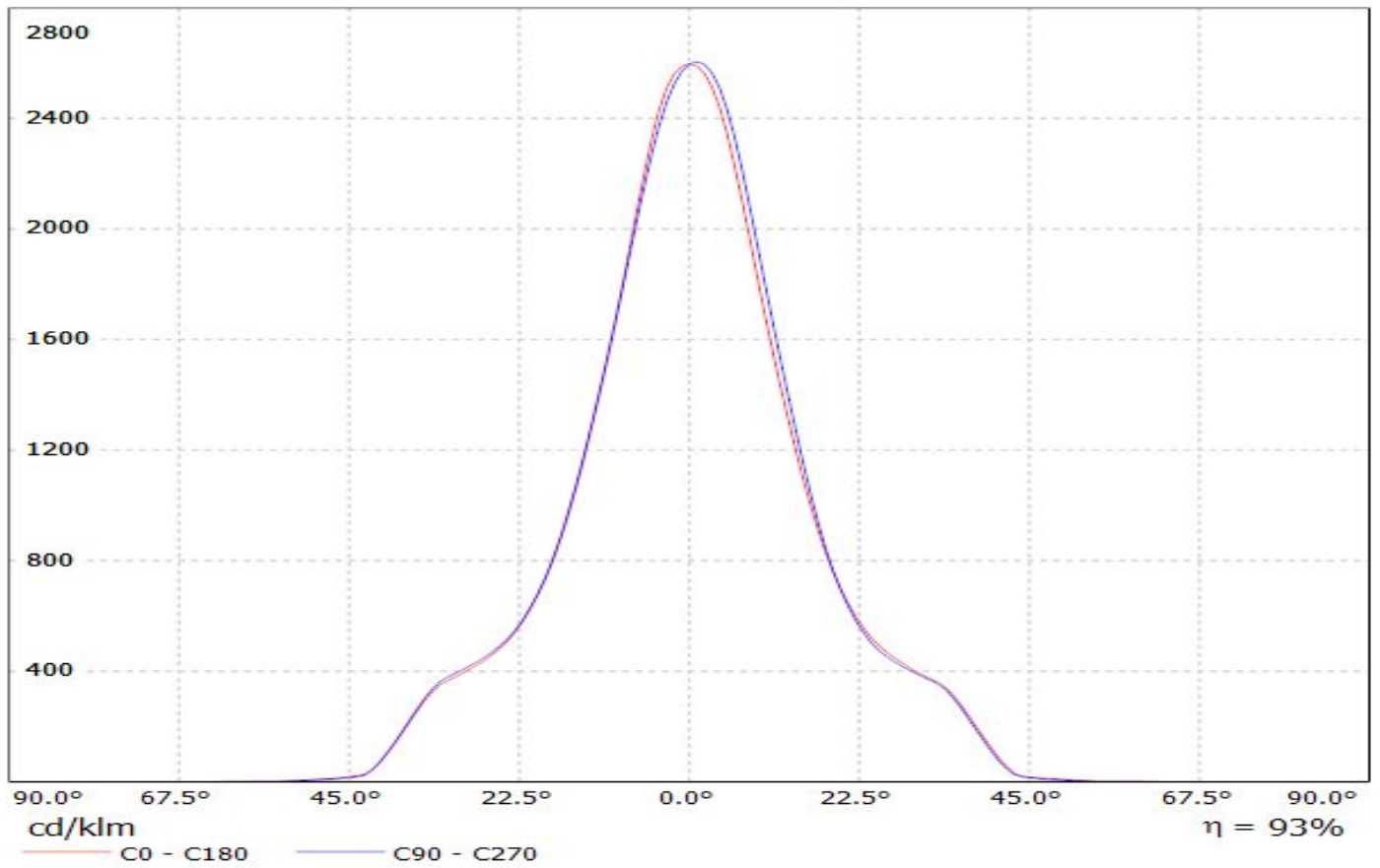
Lamps: 1 x Samsung\_COB-D\_Series\_LES\_14.5mm\_(LC026D)\_+C12691\_1263.5lm@250mA\_CCT=3000K\_P=8.1565W\_I=0.25A





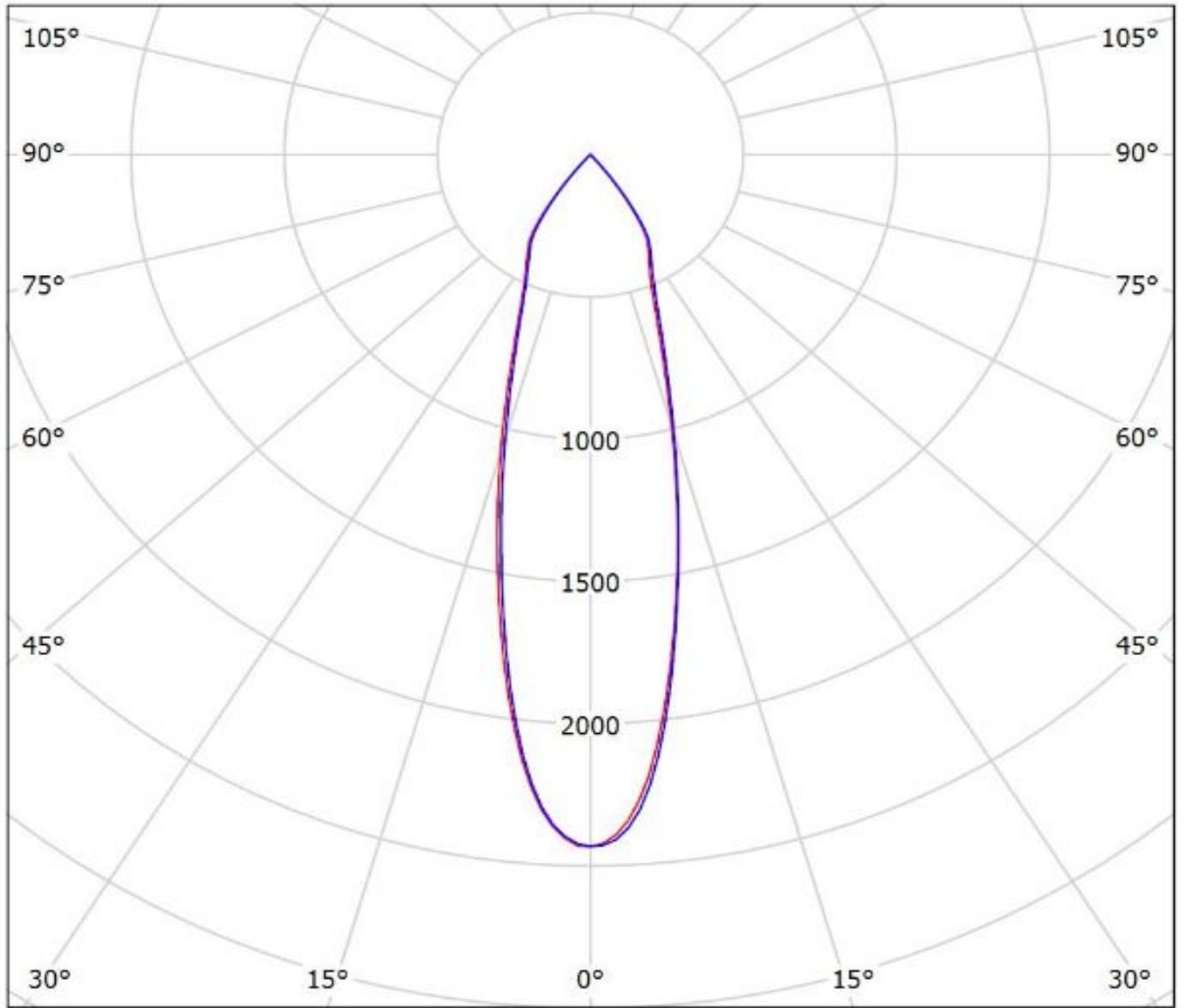
Luminaire: LEDiL Oy CN12701\_LENINA-M\_(SLE-G5\_LES-15)

Lamps: 1 x Tridonic\_SLE-G5\_LES-15\_1237.18lm@250mA\_P=8.6903W\_I=0.250A



Luminaire: Ledil CN12701\_LENINA-M\_(CLU036)

Lamps: 1 x CLU036\_(-1208C1-303M2G2)\_1273.68lm@250mA\_P=8.24W\_I=0.25A



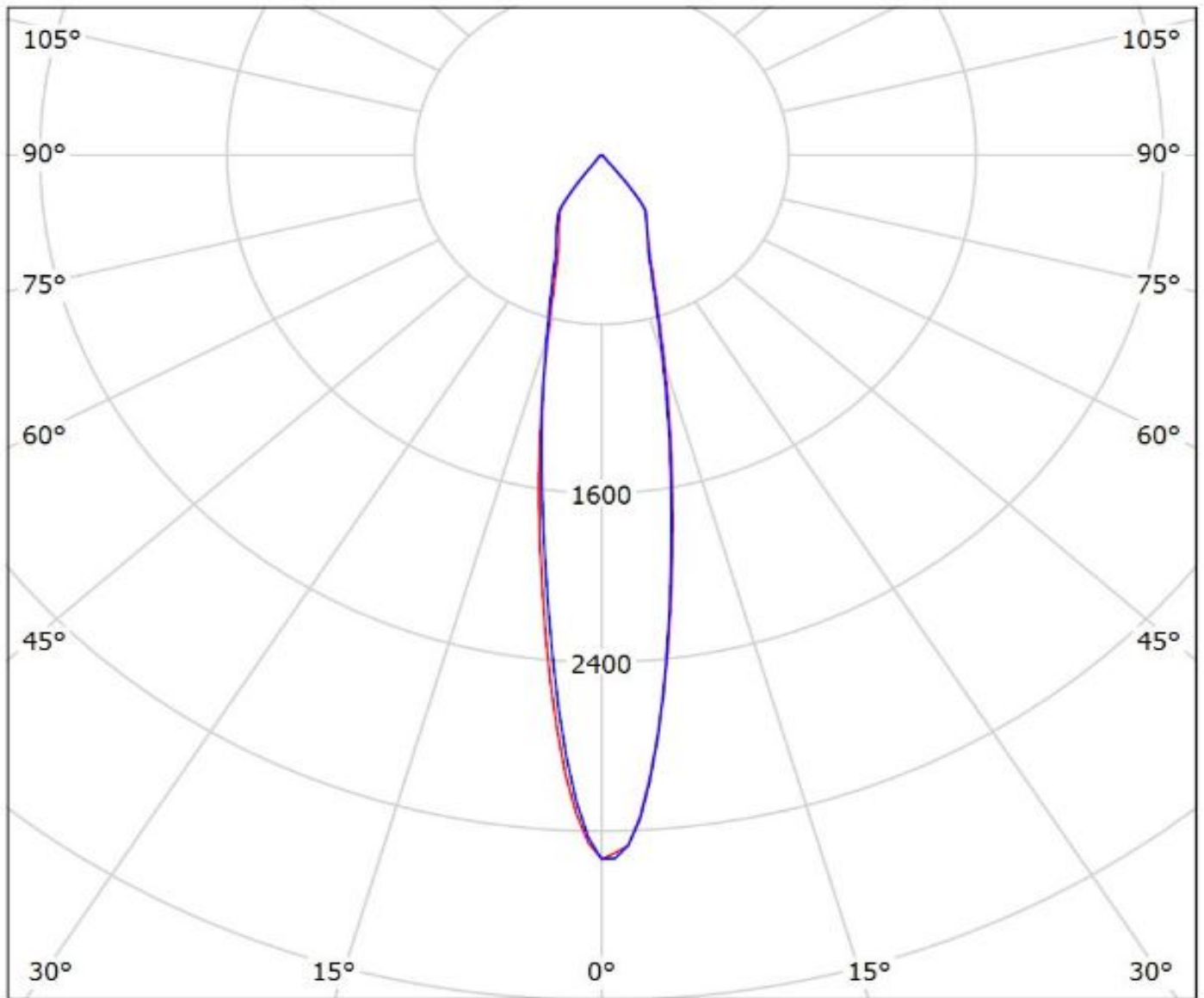
cd/klm

— C0 - C180

— C90 - C270

$\eta = 91\%$

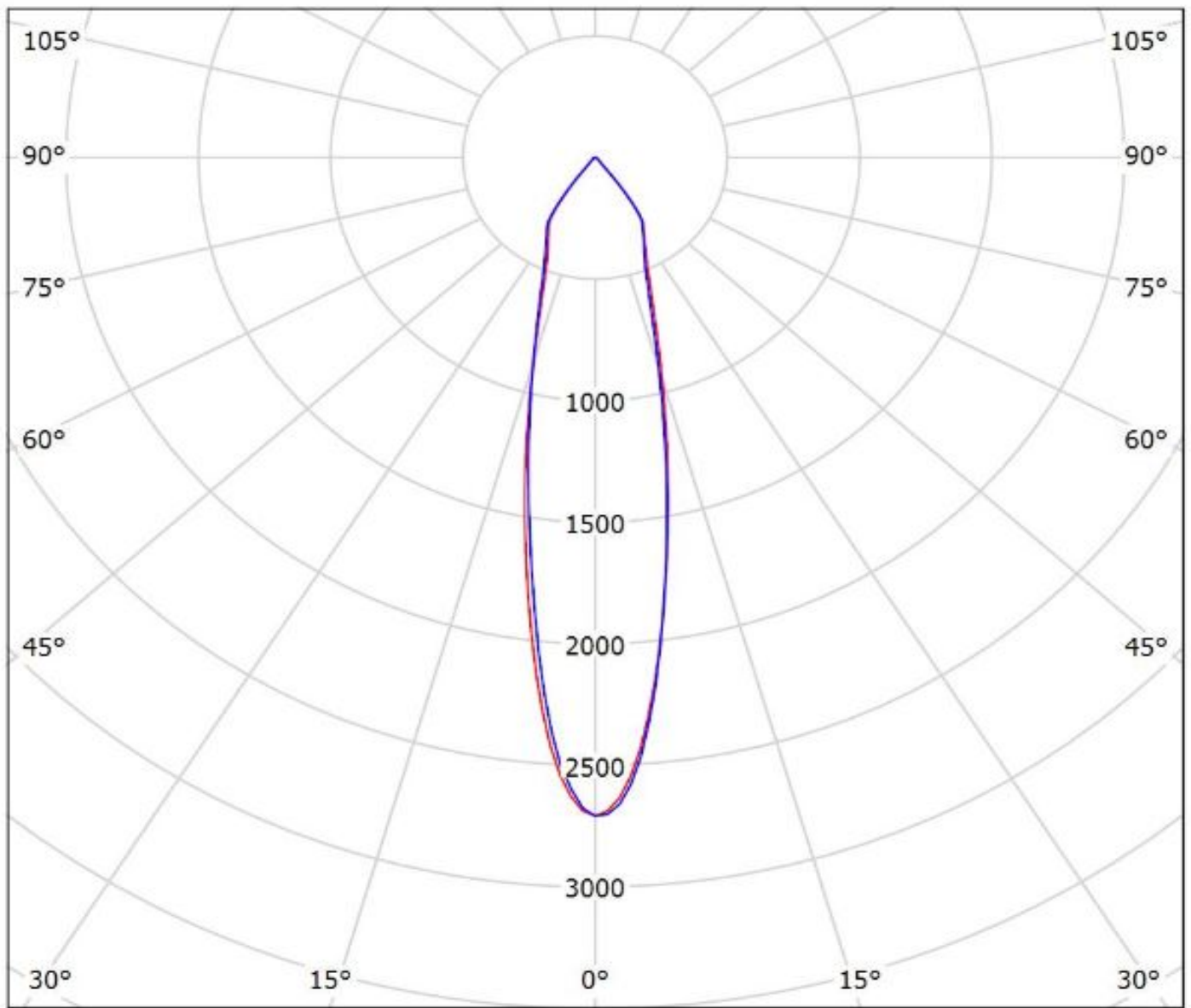
Luminaire: Ledil CN12701\_LENINA-M\_(CITIZEN\_CLU710)  
Lamps: 1 x CITIZEN\_CLU710\_(C12691\_LENA-STD-BASE-CLL030)  
\_1194.84lm@250mA\_P=8.35W\_I=0.25A



cd/klm  
— C0 - C180 — C90 - C270

$\eta = 93\%$

Luminaire: Ledil CN12701\_LENINA-M\_(CLU720)  
Lamps: 1 x CITIZEN\_CLU720\_(CLU720-1206B8-273M2)  
\_1312.67lm@250mA\_CCT=2700K\_P=8.35W\_I=0.25A

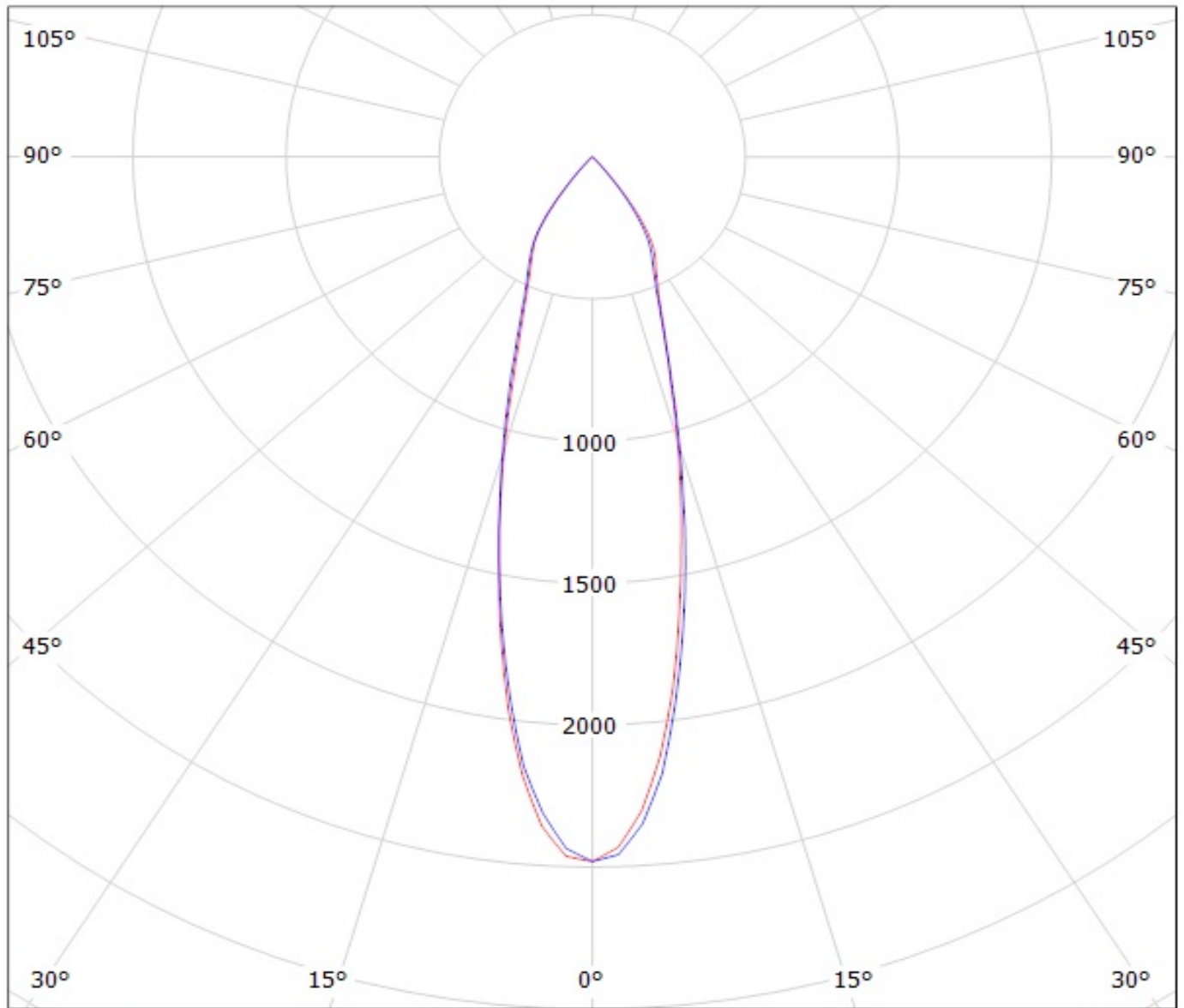


cd/klm  
— C0 - C180 — C90 - C270

$\eta = 88\%$

Luminaire: LEDil Oy CN12701\_LENINA-M\_(CXM-14)

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



cd/klm

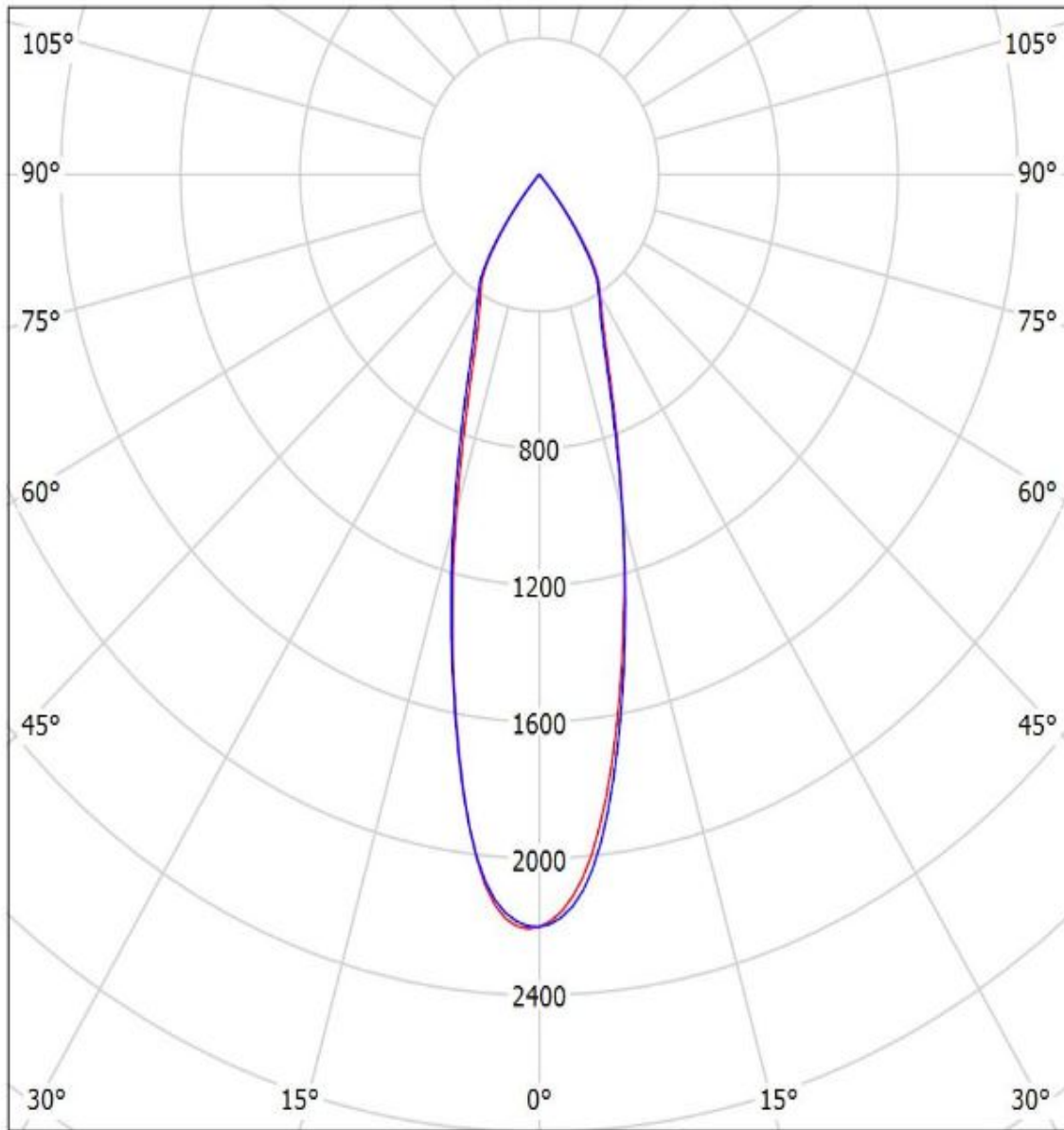
— C0 - C180

— C90 - C270

$\eta = 93\%$

Luminaire: Ledil CN12701\_LENINA-M (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



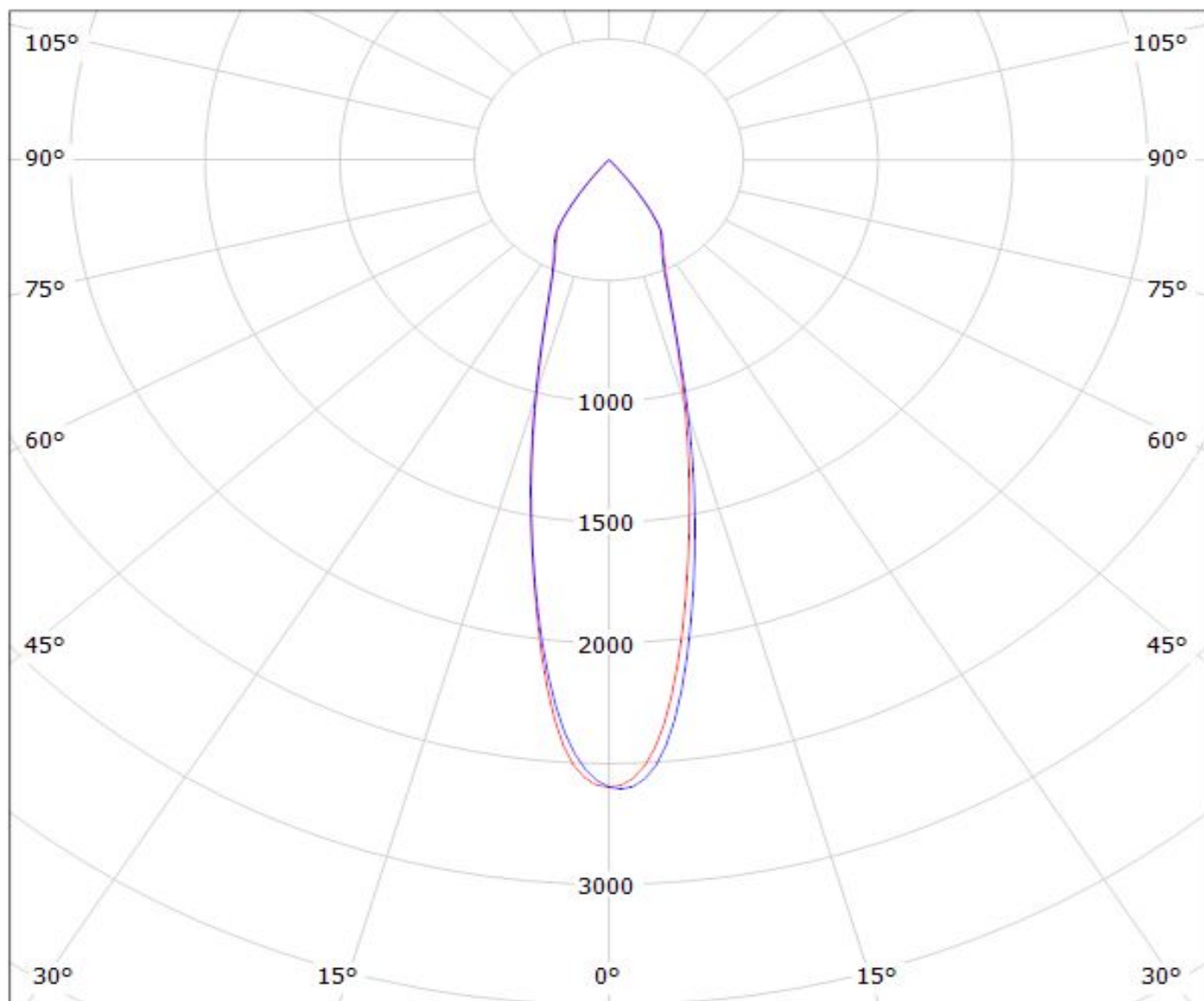
cd/klm

— C0 - C180 — C90 - C270

$\eta = 92\%$

Luminaire: LEDiL Oy CN12701\_LENINA-M\_(SLE-G5\_LES-15)

Lamps: 1 x Tridonic\_SLE-G5\_LES-15\_1237.18lm@250mA\_P=8.6903W\_I=0.250A



$\eta = 93\%$

**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.