

## DETAILS

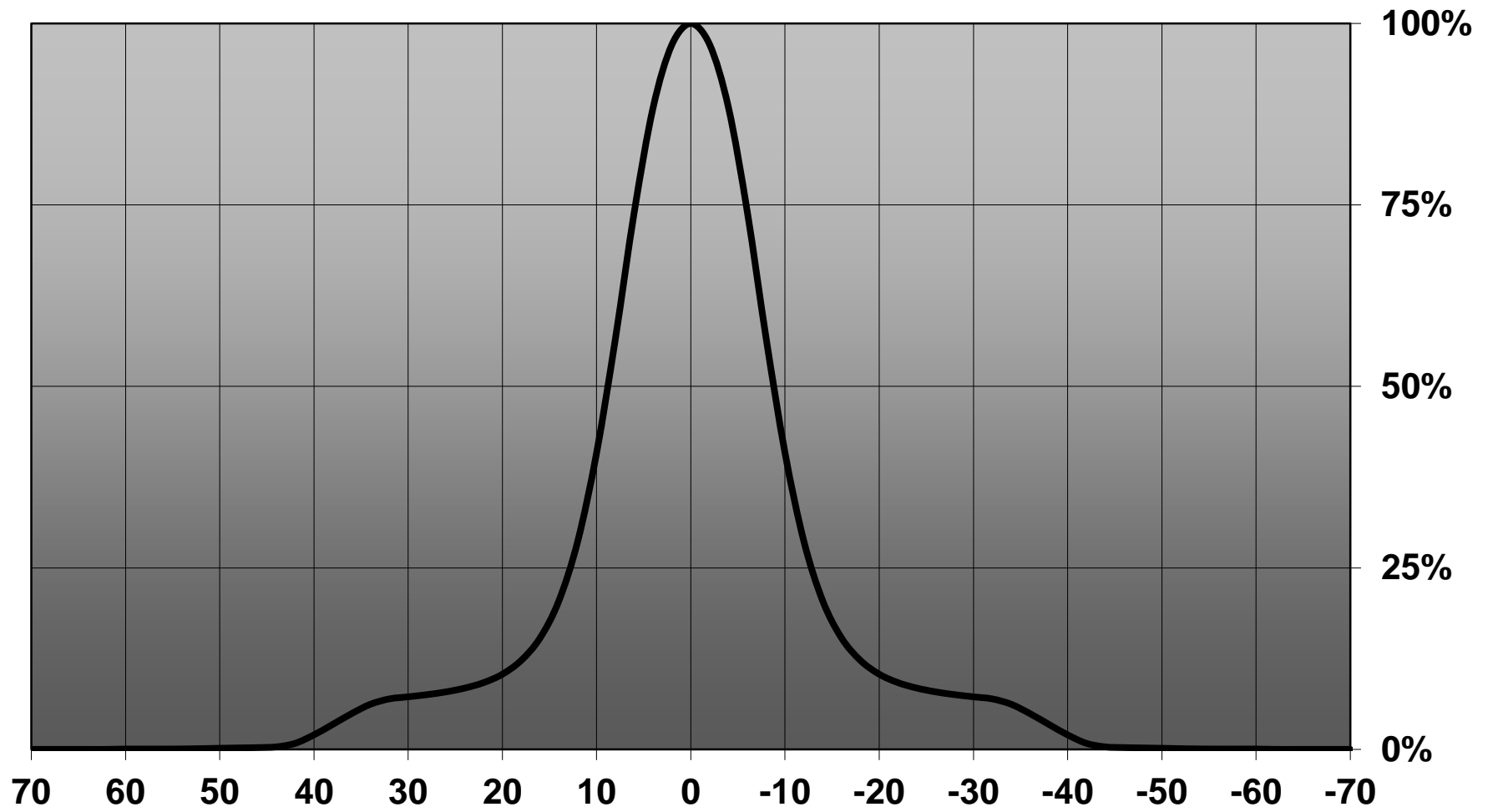
<b>Product Number</b>	CN12700_LENINA-S
<b>Family</b>	Lenina
<b>Type</b>	RefPack
<b>Color</b>	metal
<b>Diameter</b>	74 mm
<b>Height</b>	45,4 mm
<b>Style</b>	round
<b>Optic Material</b>	
<b>Holder Material</b>	
<b>Fastening</b>	screw
<b>Status</b>	production ready
<b>ROHS Compliant</b>	Yes
<b>Date Updated</b>	6/03/2017

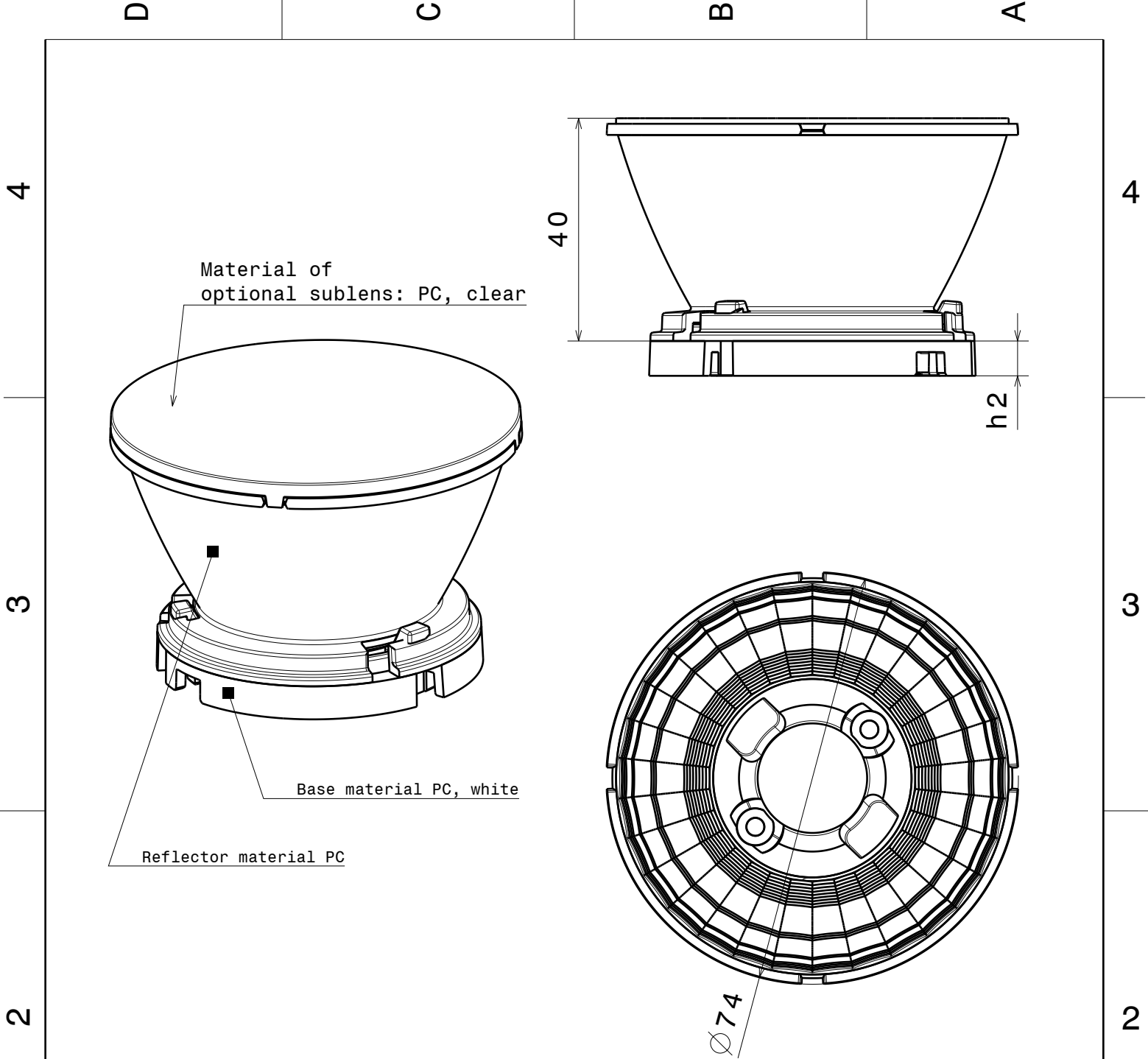
## OPTICAL PROPERTIES

LED	Viewing	Light	Effi-		Connector
	Angle	Beam	ciency	cd/lm	
CLL03x/CLU03x	15 deg	Spot	91 %	6.100	-
CLU710/711	10 deg	Spot	94 %	12.300	-
CLU720/721	12 deg	Spot	89 %	8.200	-
CXM-14	16 deg	Spot	93 %	6.200	LEDiL: LEDiL
Soleriq S15	sim: 20	Spot	sim: 91 %	sim: 3.660	-
COB D Series LES 14.5 mm	16 deg	Spot	91 %	5.300	-
ZC12/18	15 deg	Spot	90 %	6.000	-
STARK SLE PURE G3 LES17	17 deg	Spot	90 %	5.070	-
SLE G5 LES15	15 deg	Spot	93 %	6.800	LEDiL: LEDiL



Relative intensity of CN12700\_LENINA-S





**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**

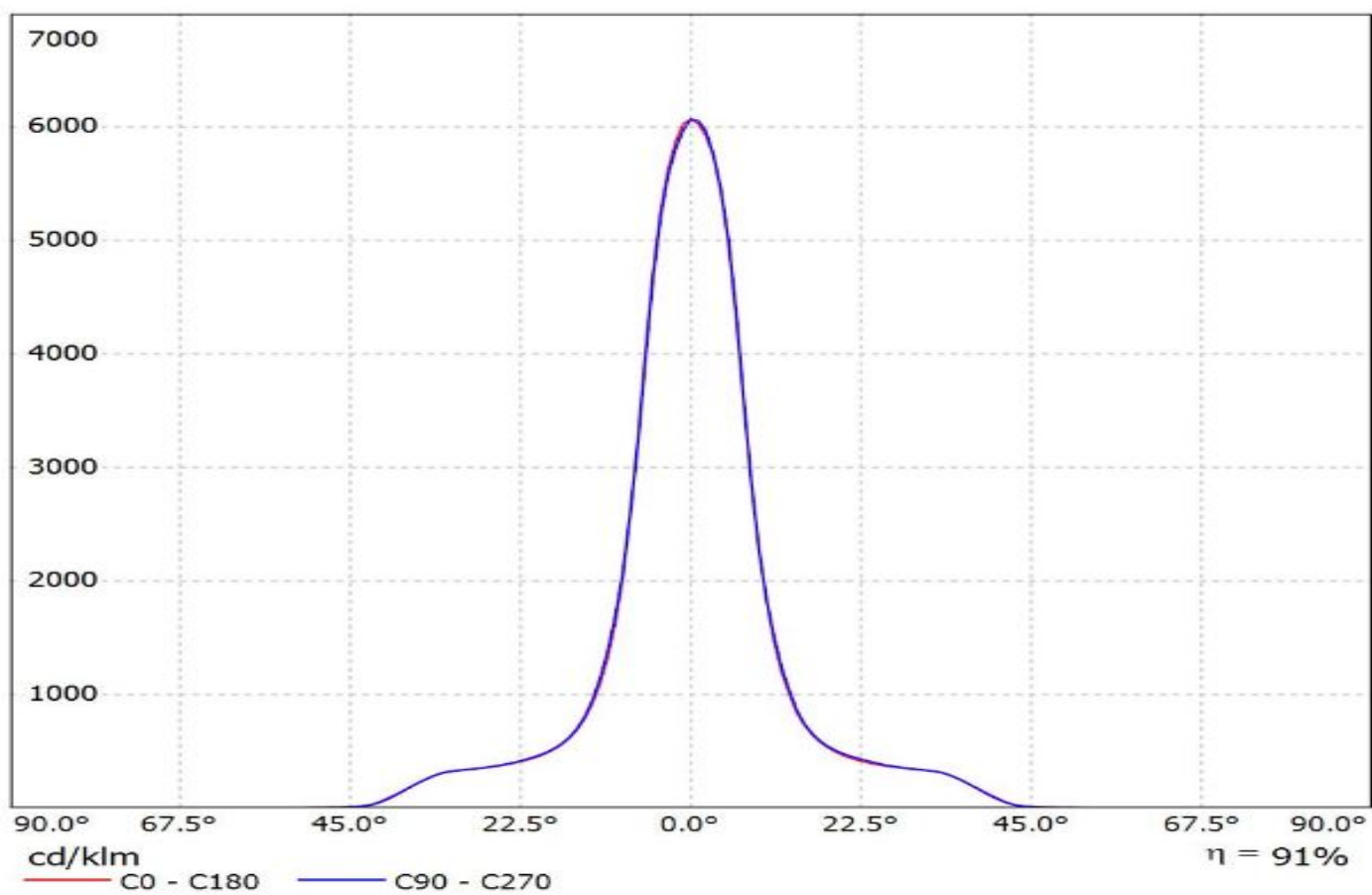
<b>DRAWN BY</b> ks		<b>DATE</b> 23.04.2014		<b>SIZE</b> A4				<b>DRAWING NUMBER</b> --		<b>REV</b> 1	
<b>CHECKED BY</b>		<b>DATE</b>								<b>SCALE</b> 1:1	
<b>DESIGNED BY</b> pl		<b>DATE</b> 08.03.2012									

D

A

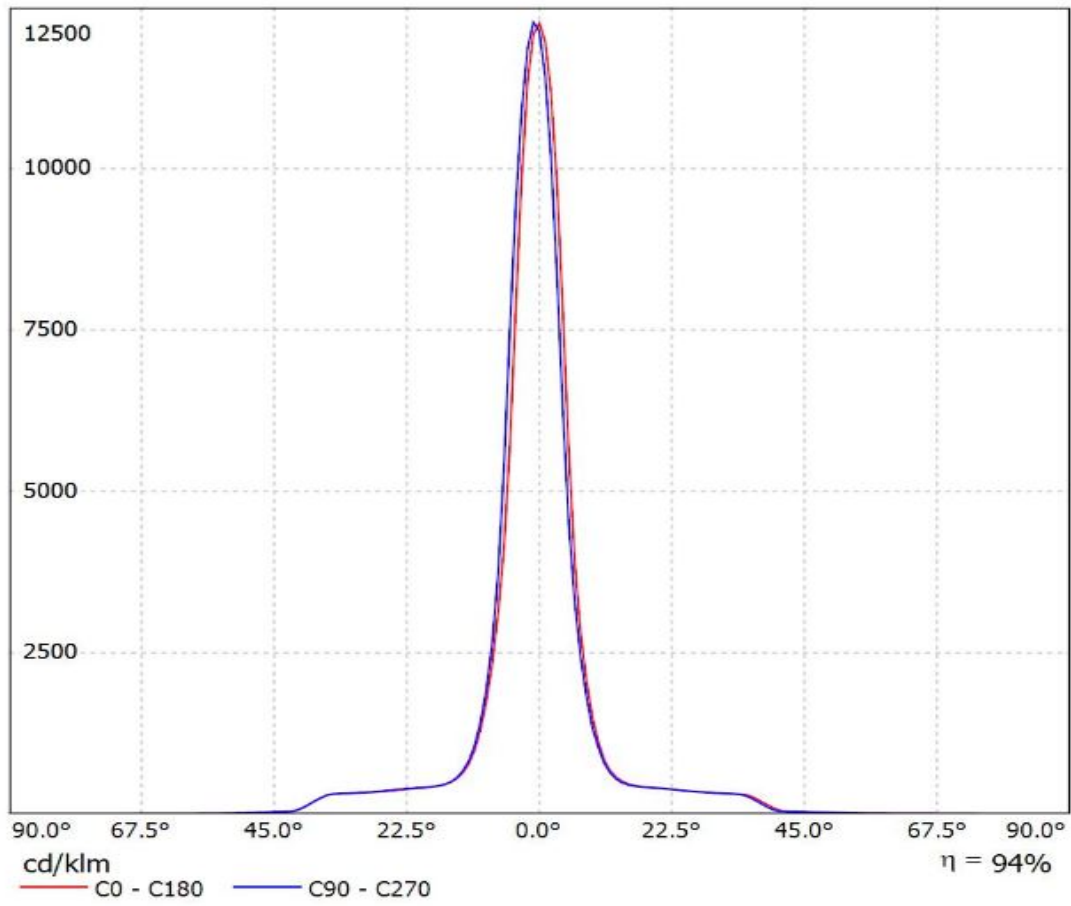
Luminaire: Ledil CN12700\_LENINA-S\_(CLU036)

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

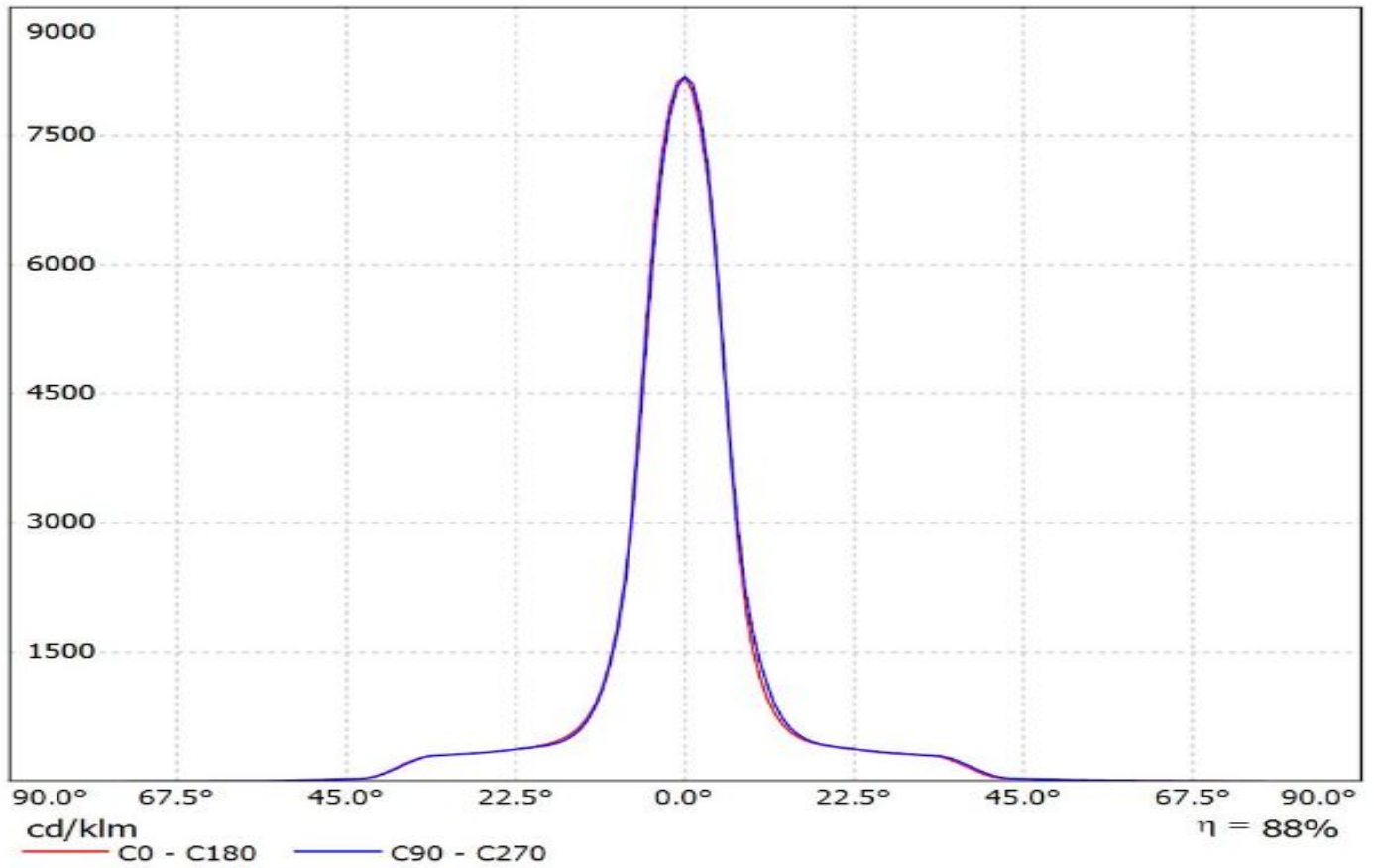


Luminaire: Ledil CN12700\_LENINA-S\_(CLU710)

Lamps: 1 x CITIZEN\_CLU710\_(CLU710-1204B8-273M2G1)+C12691\_LENA-STD-BASE-CLL030\_1154.75lm@250mA\_P=8.5W\_I=0.25A

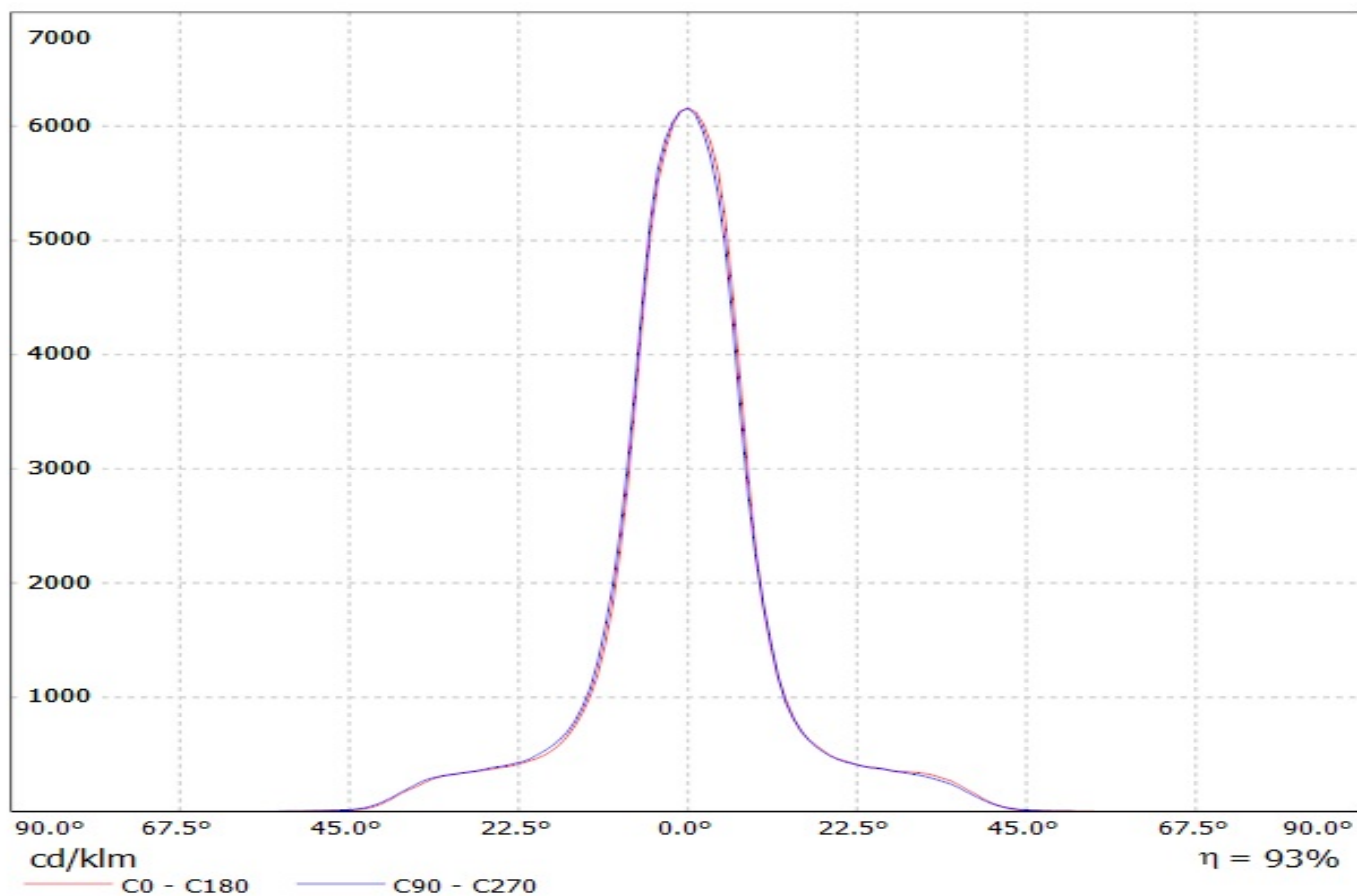


Luminaire: Ledil CN12700 LENINA-S (CLU720)  
Lamps: 1 x CITIZEN\_CLU720\_(CLU720-1206B8-273M2)  
\_1312.67lm@250mA\_CCT=2700K\_P=8.35W\_I=0.25A

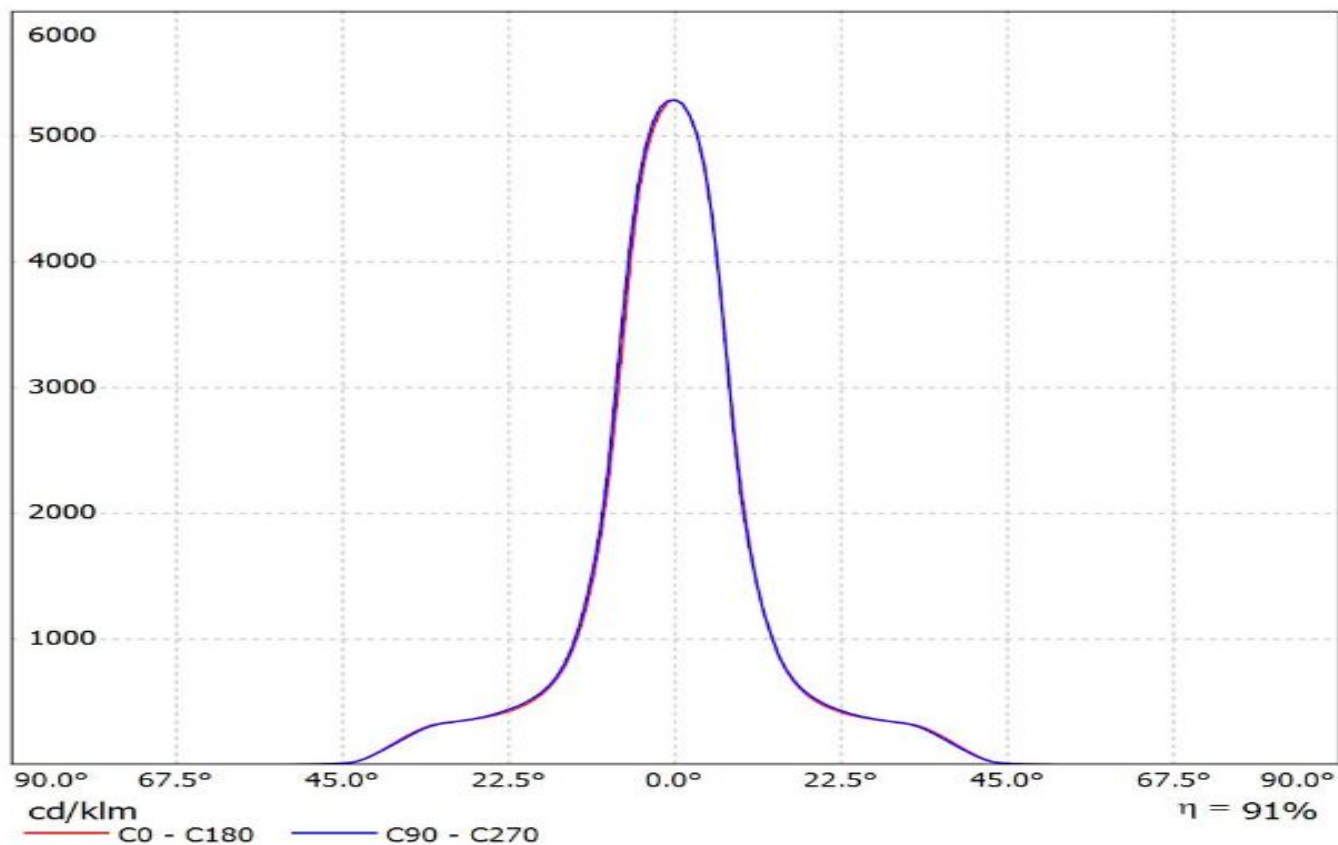


Luminaire: Ledil Oy CN12700\_LENINA-S\_(CXM-14)

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



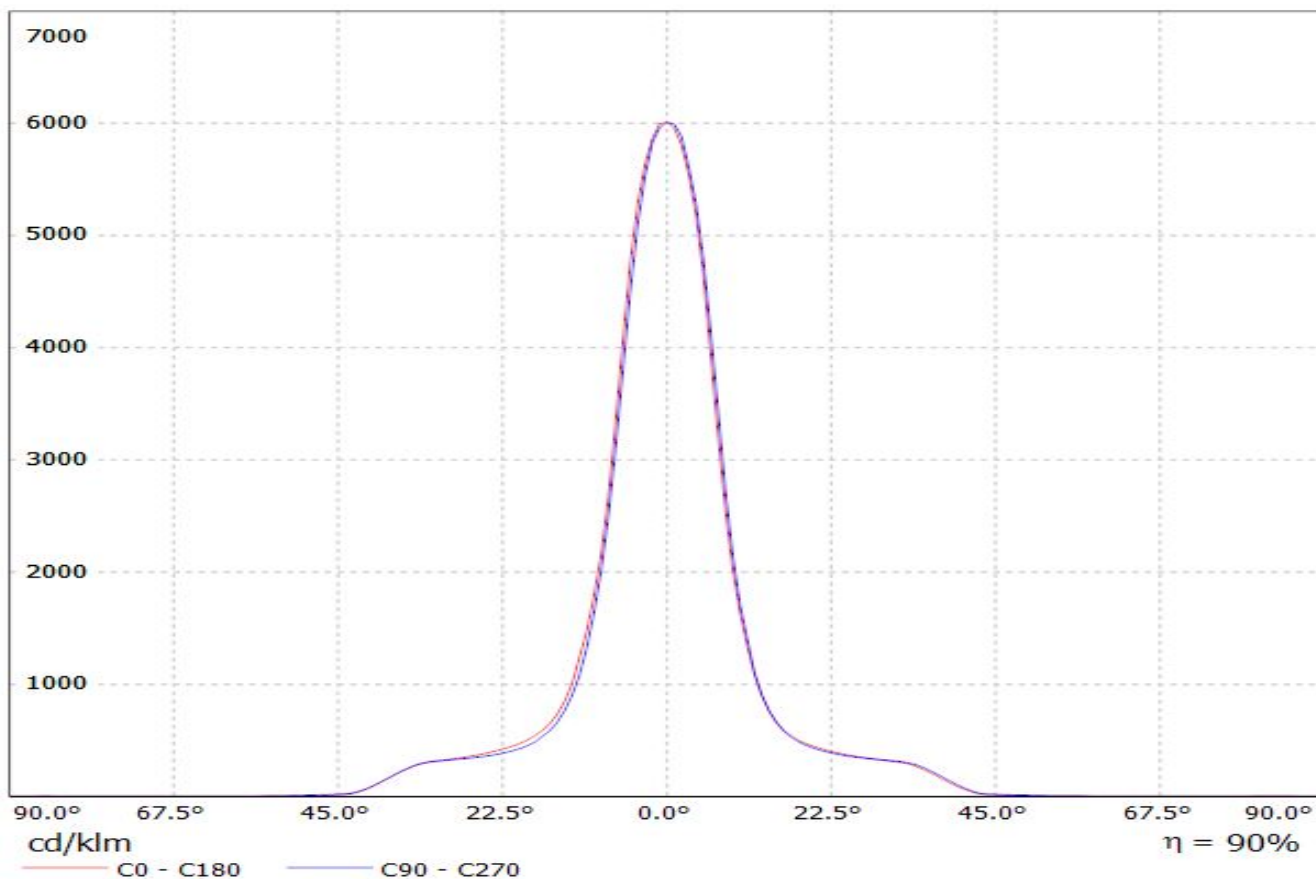
Luminaire: Ledil CN12700\_LENINA-S (COB-D\_LES\_14.5mm)  
Lamps: 1 x Samsung\_COB-D\_Series\_LES\_14.5mm\_(LC026D)  
\_+C12691\_1263.51lm@250mA\_CCT=3000K\_P=8.1565W\_I=0.25A





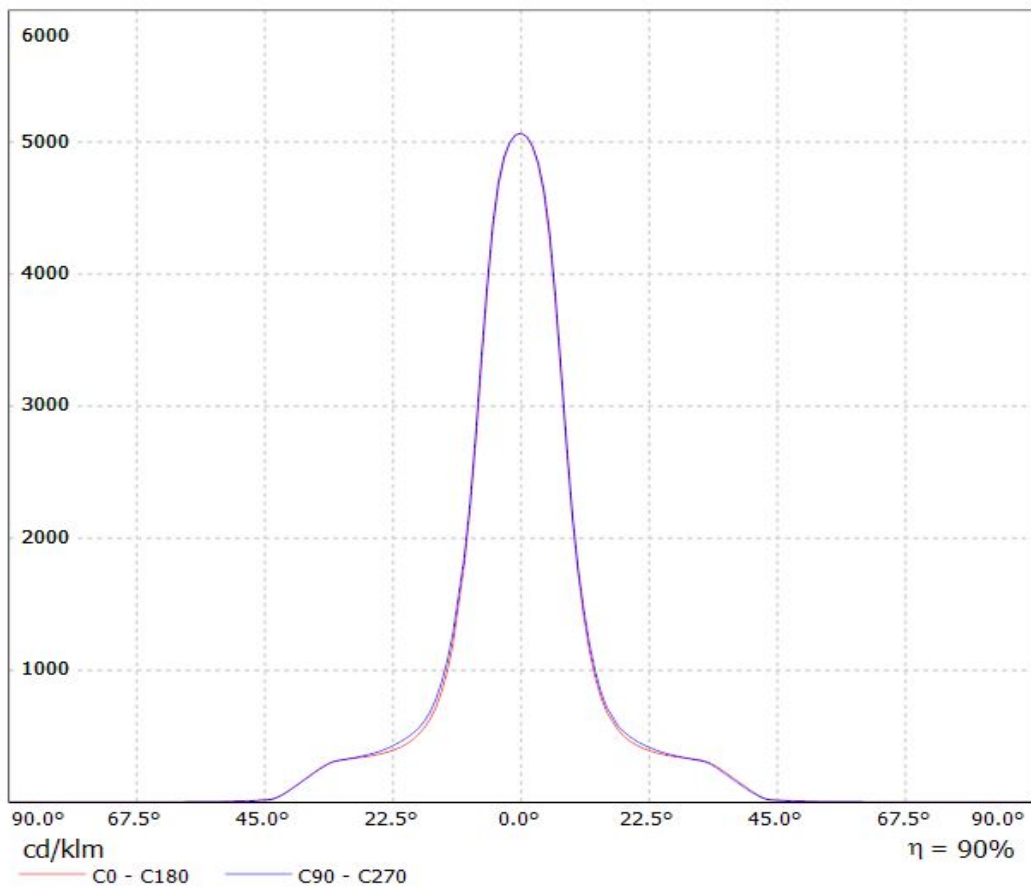
Luminaire: LEDiL Oy CN12700\_LENINA-S\_(ZC12) Eff.89.9%

Lamps: 1 x SEOUL\_ZC12\_(SDW82F1C)\_1209.83lm@250mA\_CCT=3000K\_P=8.64658W\_I=249.8mA

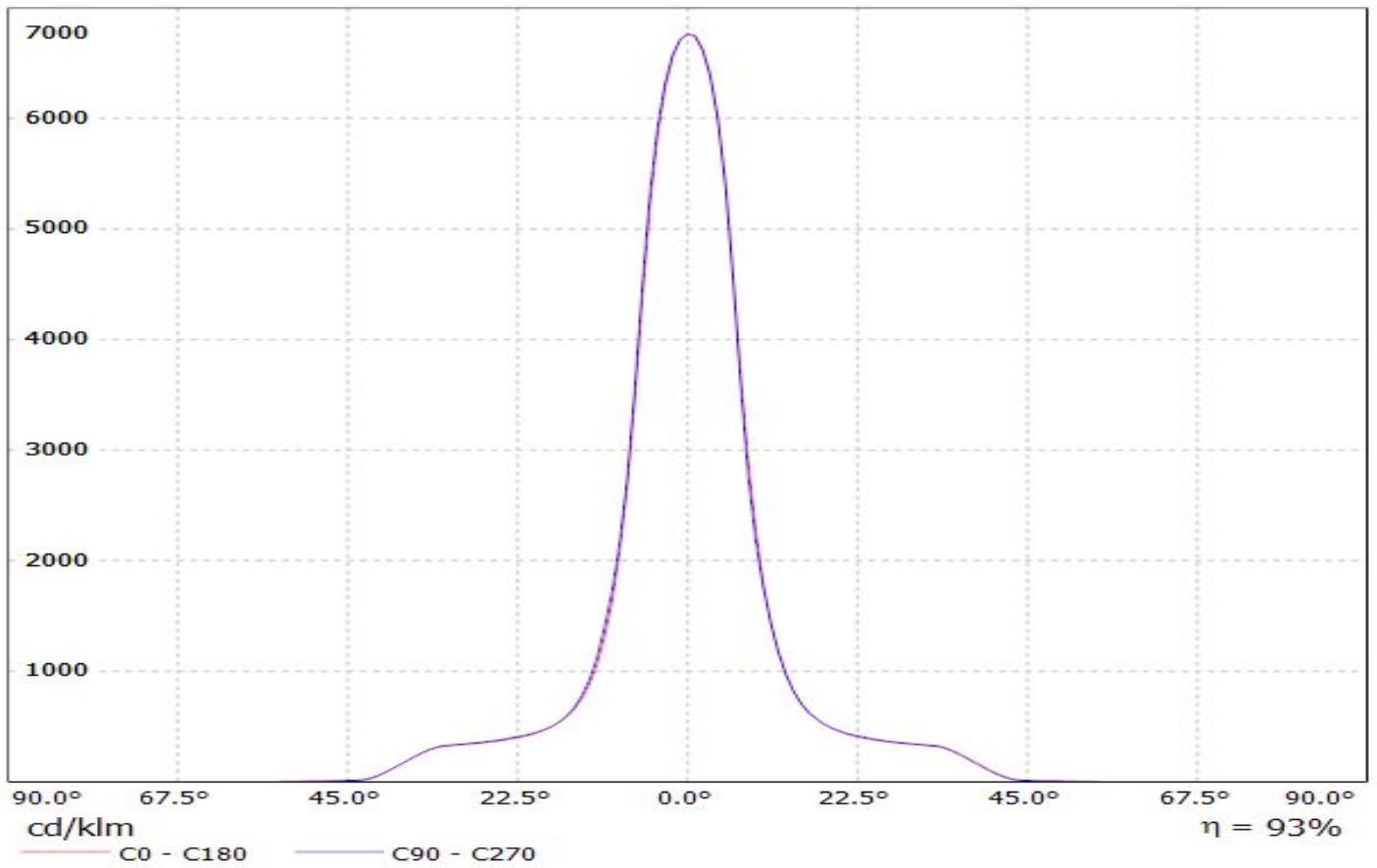


Luminaire: LEDiL Oy CN12700\_LENINA-S\_(SLE\_G3\_LES17) Eff.90.2%

Lamps: 1 x TRIDONIC\_STARK\_SLE\_G3\_LES17\_(STARK-SLE-PURE\_G3-17-2000-840-CLA)\_1011.62lm@250mA\_P=8.29243W\_I=249.9mA

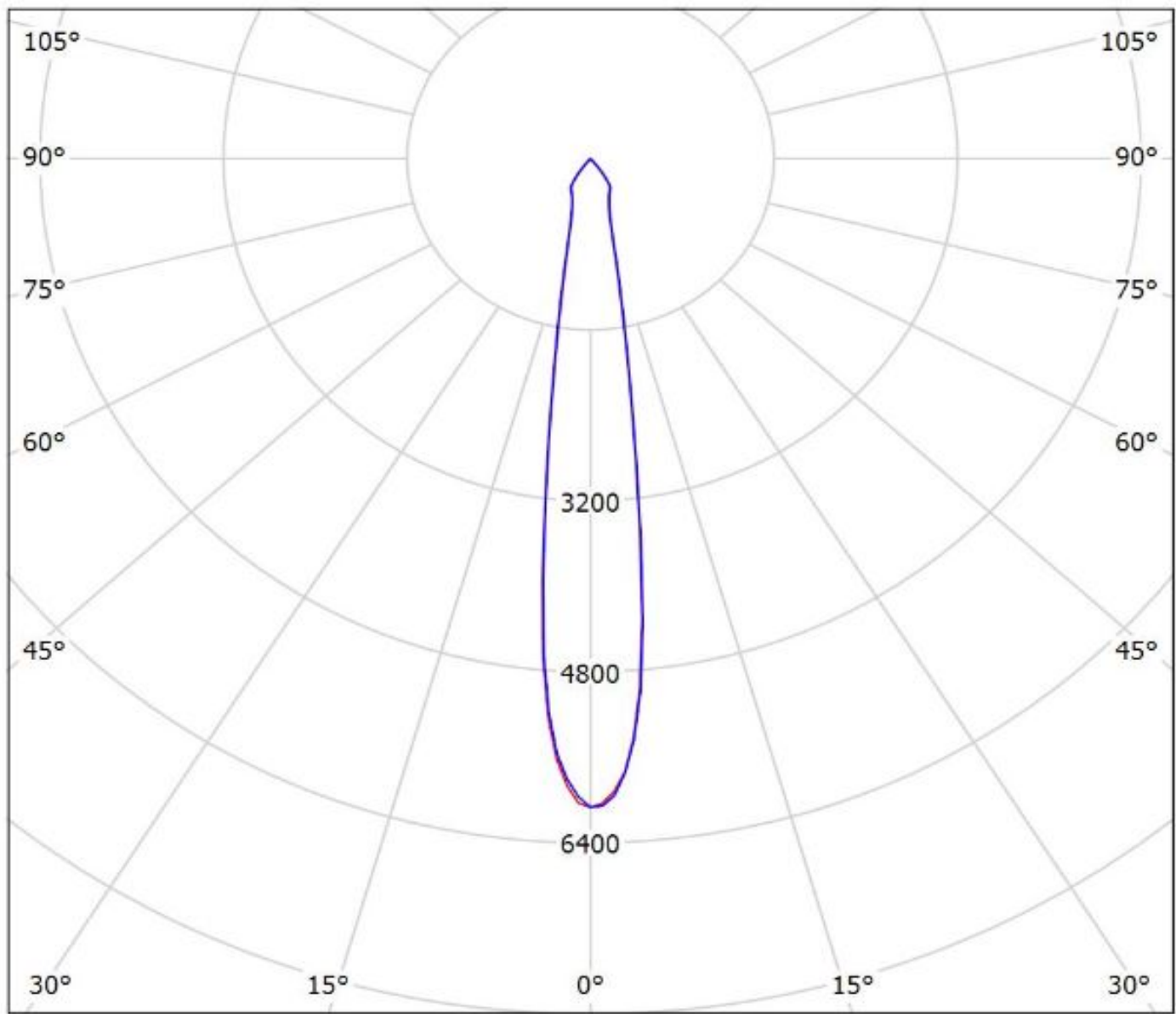


Luminaire: LEDiL Oy CN12700\_LENINA-S\_(SLE-G5\_LES-15)  
Lamps: 1 x Tridonic\_SLE-G5\_LES-15\_1237.18lm@250mA\_P=8.6903W\_I=0.250A



Luminaire: Ledil CN12700\_LENINA-S\_(CLU036)

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



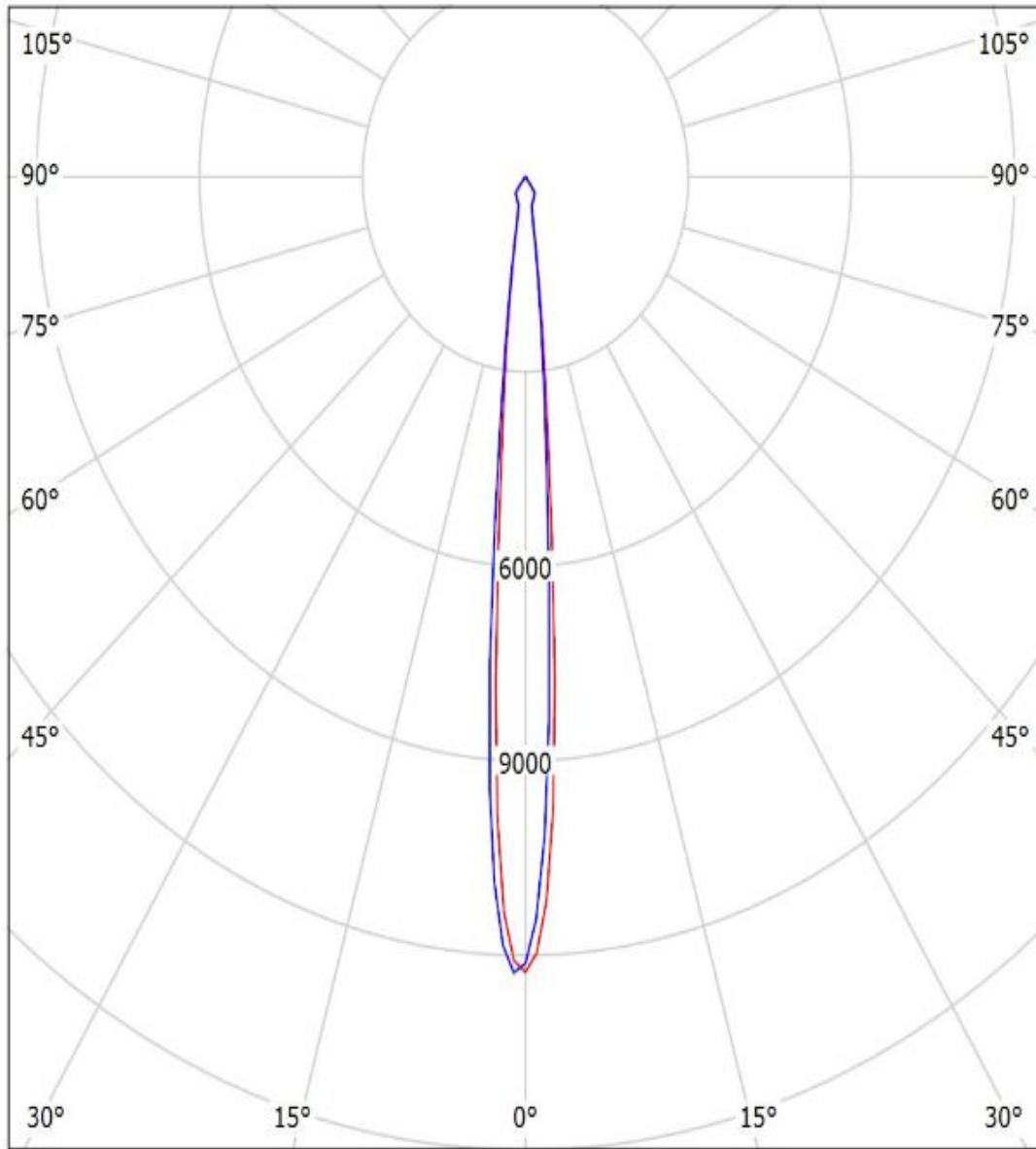
cd/klm

— C0 - C180 — C90 - C270

$\eta = 91\%$

Luminaire: Ledil CN12700\_LENINA-S\_(CLU710)

Lamps: 1 x CITIZEN\_CLU710\_(CLU710-1204B8-273M2G1)\_+C12691\_LENA-STD-BASE-CLL030\_1154.75lm@250mA\_P=8.5W\_I=0.25A

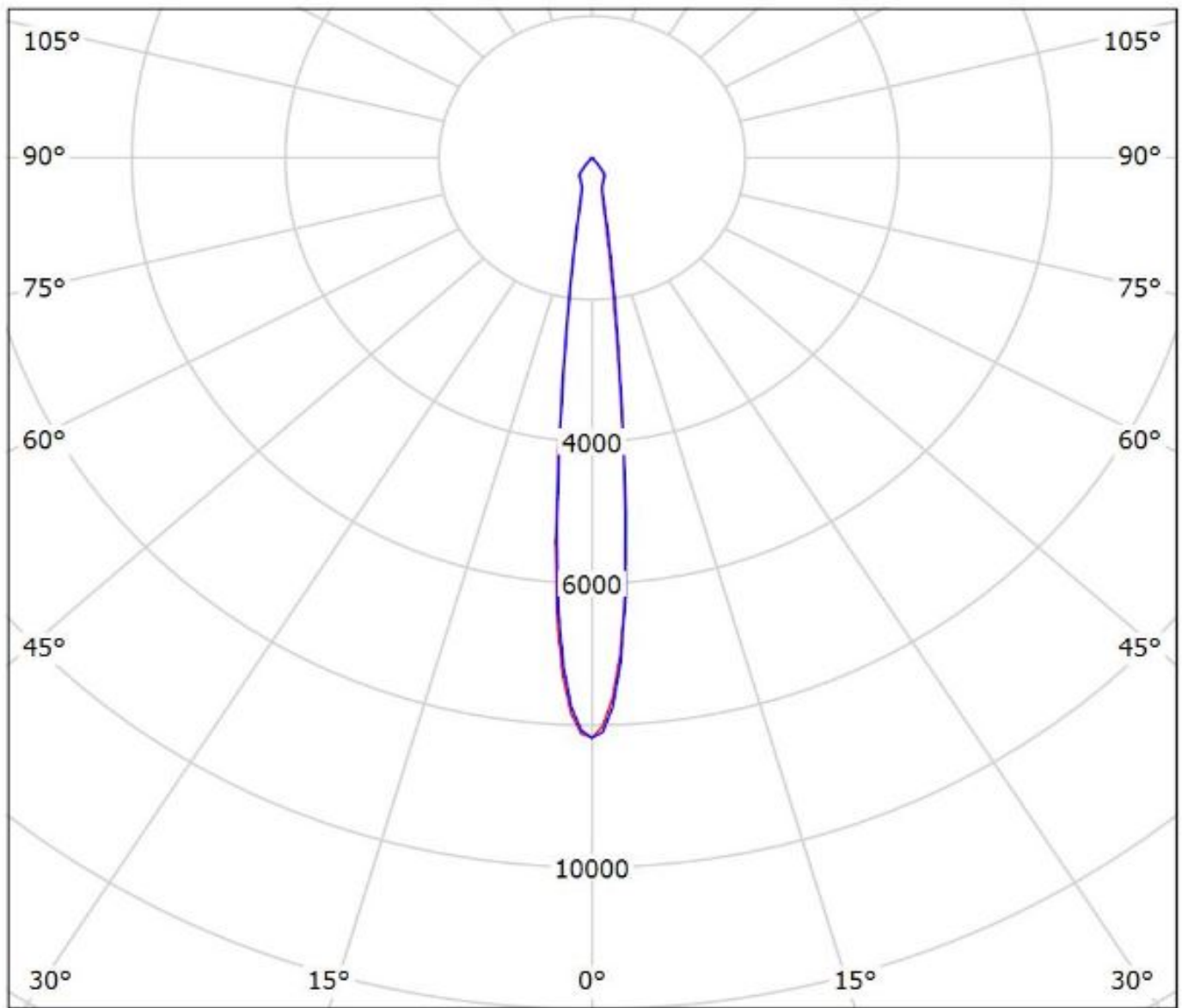


cd/klm

— C0 - C180 — C90 - C270

$\eta = 94\%$

Luminaire: Ledil CN12700\_LENINA-S\_(CLU720)  
Lamps: 1 x CITIZEN\_CLU720\_(CLU720-1206B8-273M2)  
\_1312.67lm@250mA\_CCT=2700K\_P=8.35W\_I=0.25A

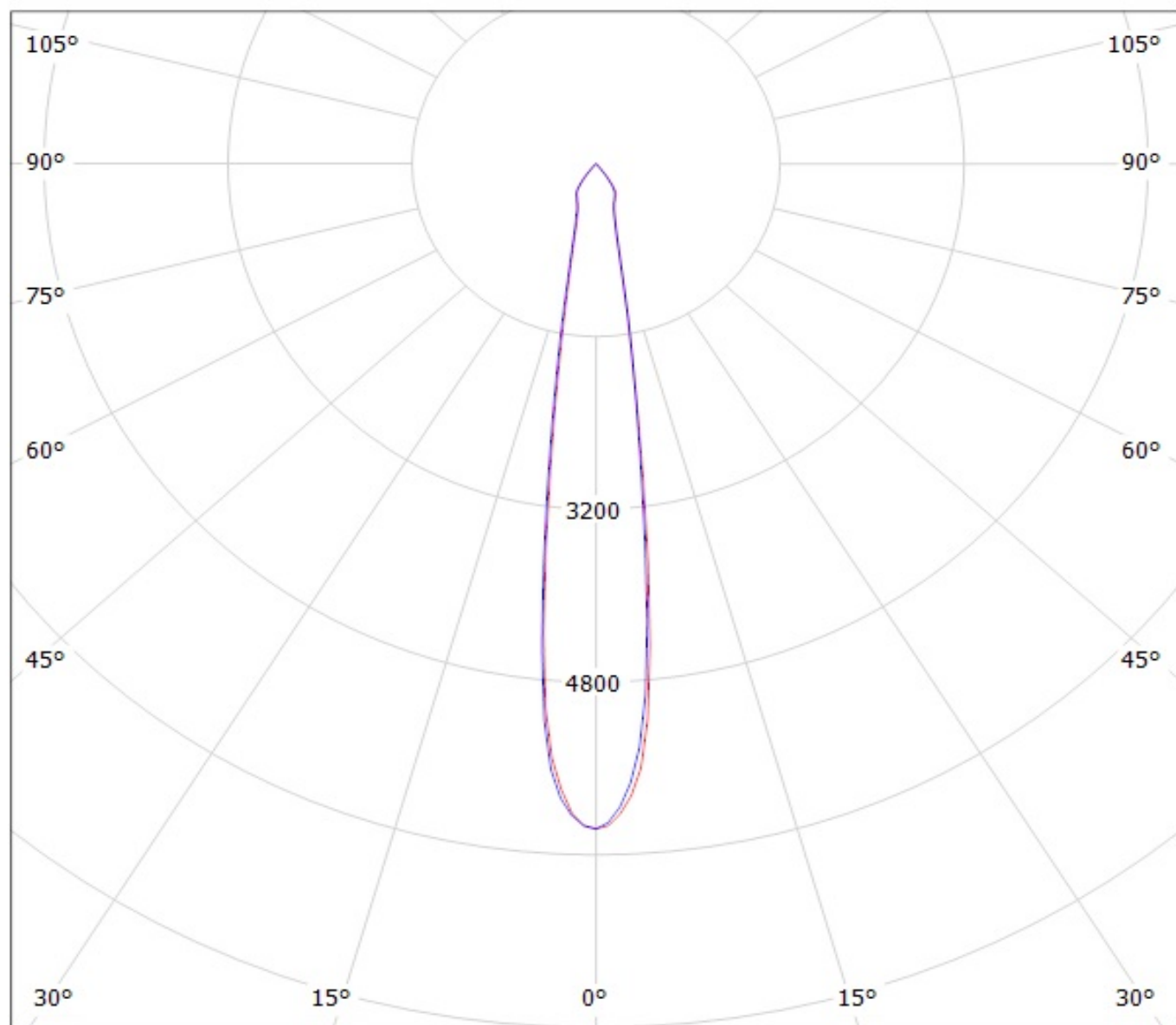


cd/klm  
— C0 - C180 — C90 - C270

$\eta = 88\%$

Luminaire: Ledil Oy CN12700\_LENINA-S\_(CXM-14)

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



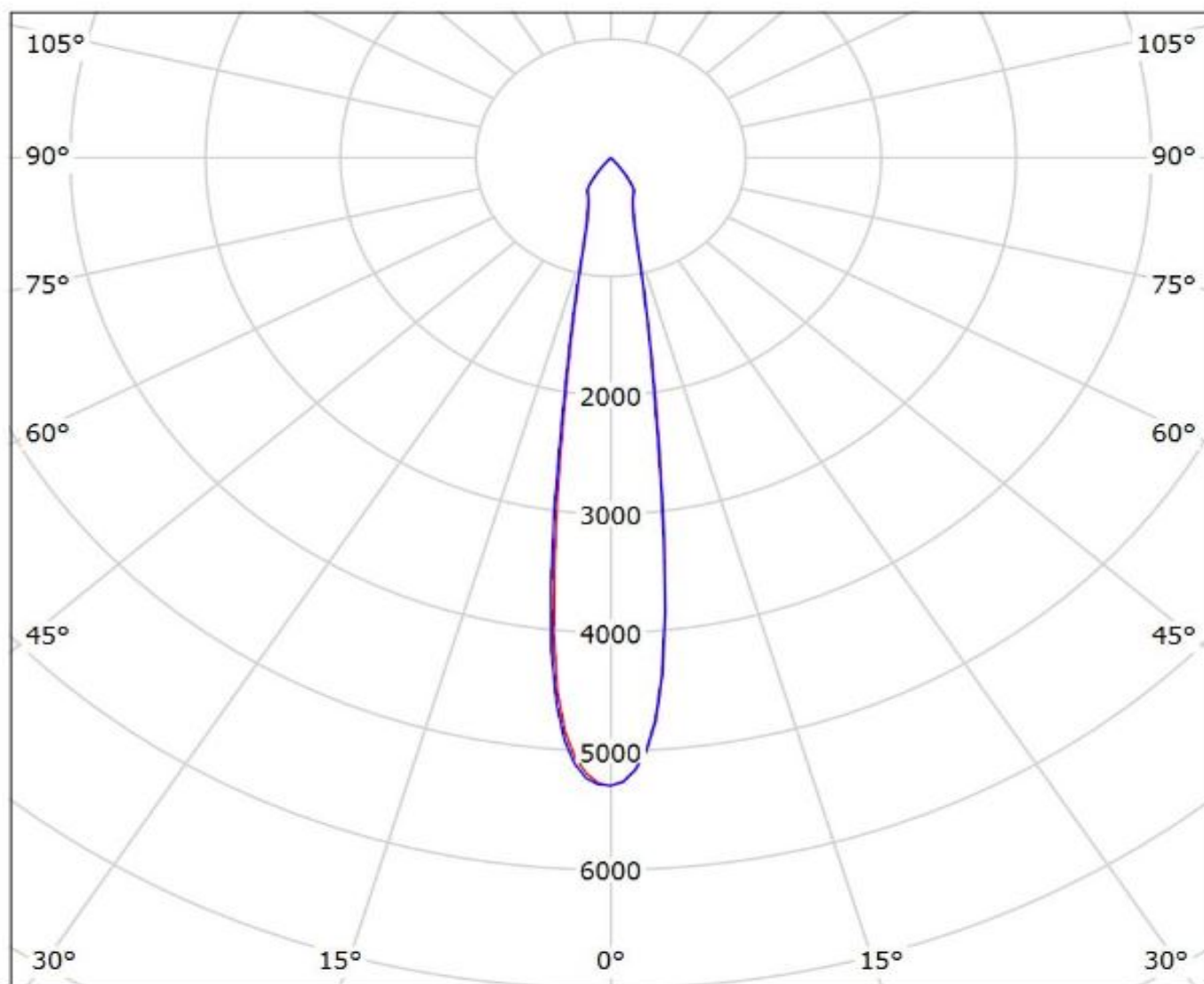
cd/klm

— C0 - C180

— C90 - C270

$\eta = 93\%$

Luminaire: Ledil CN12700\_LENINA-S\_(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

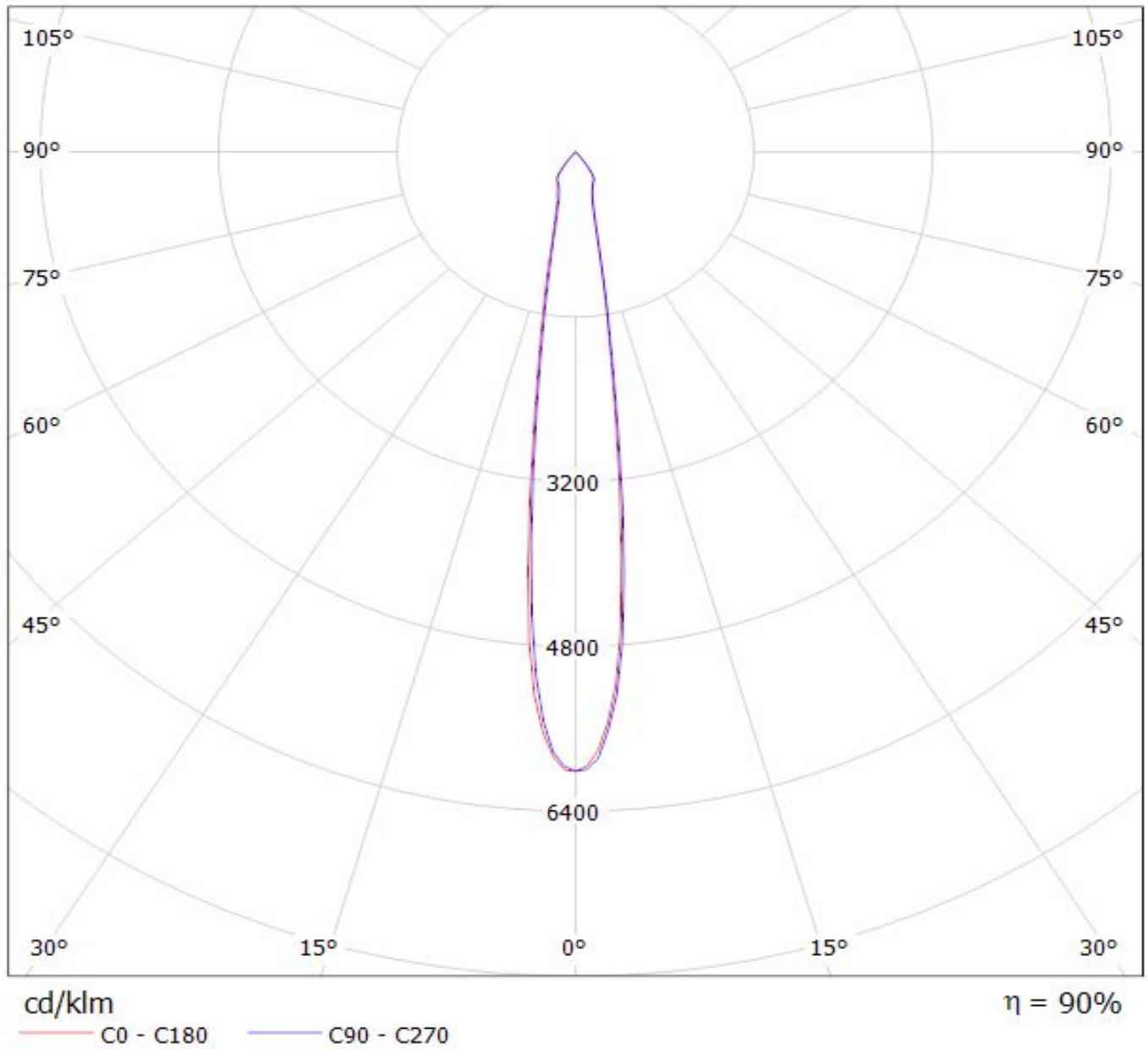
— C0 - C180 — C90 - C270

$\eta = 91\%$



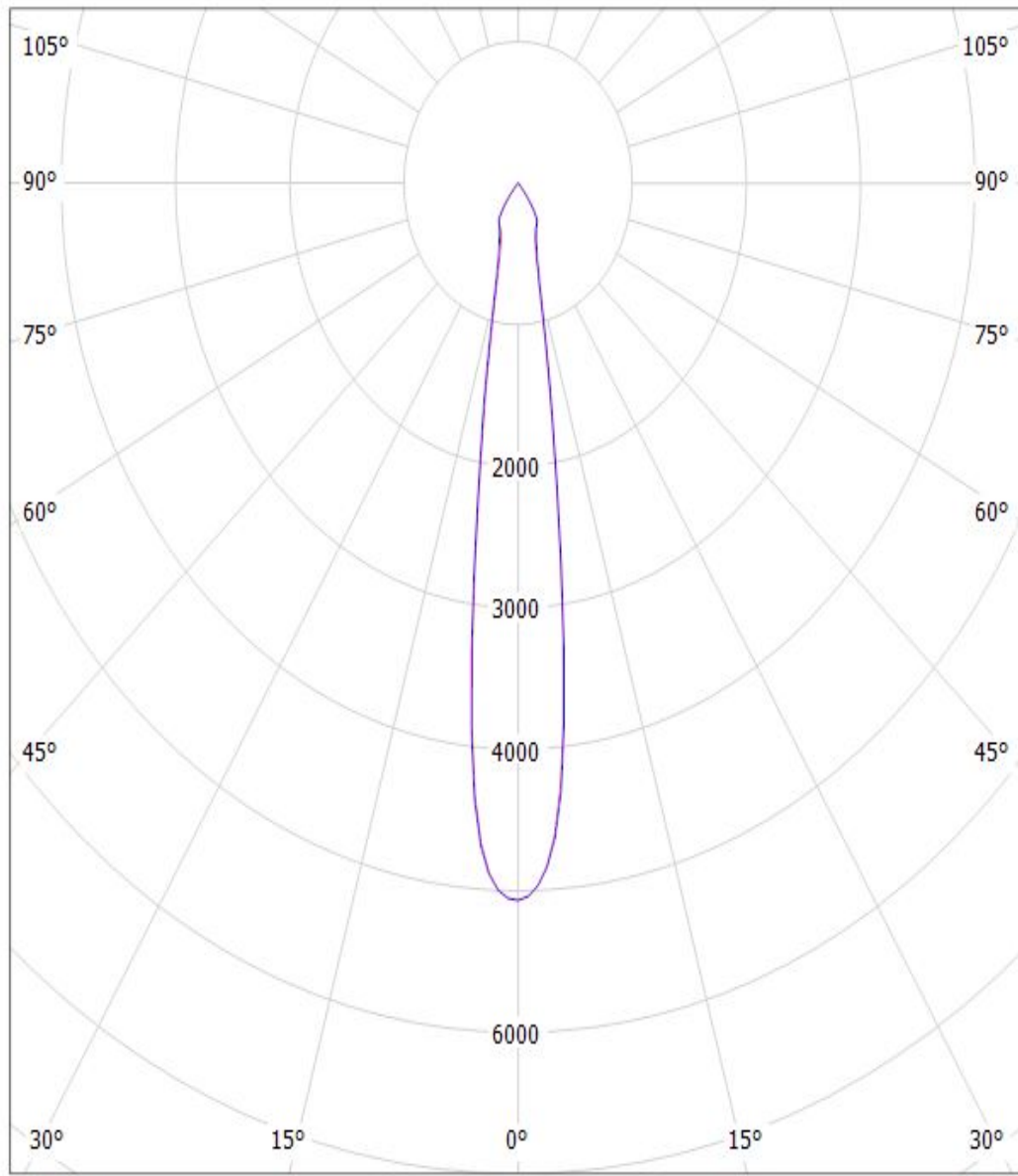
Luminaire: LEDiL Oy CN12700\_LENINA-S\_(ZC12) Eff.89.9%

Lamps: 1 x SEOUL\_ZC12\_(SDW82F1C)\_1209.83lm@250mA\_CCT=3000K\_P=8.64658W\_I=249.8mA



Luminaire: LEDiL Oy CN12700\_LENINA-S\_(SLE\_G3\_LES17) Eff.90.2%

Lamps: 1 x TRIDONIC\_STARK\_SLE\_G3\_LES17\_(STARK-SLE-PURE\_G3-17-2000-840-CLA)\_1011.62lm@250mA\_P=8.29243W\_I=249.9mA



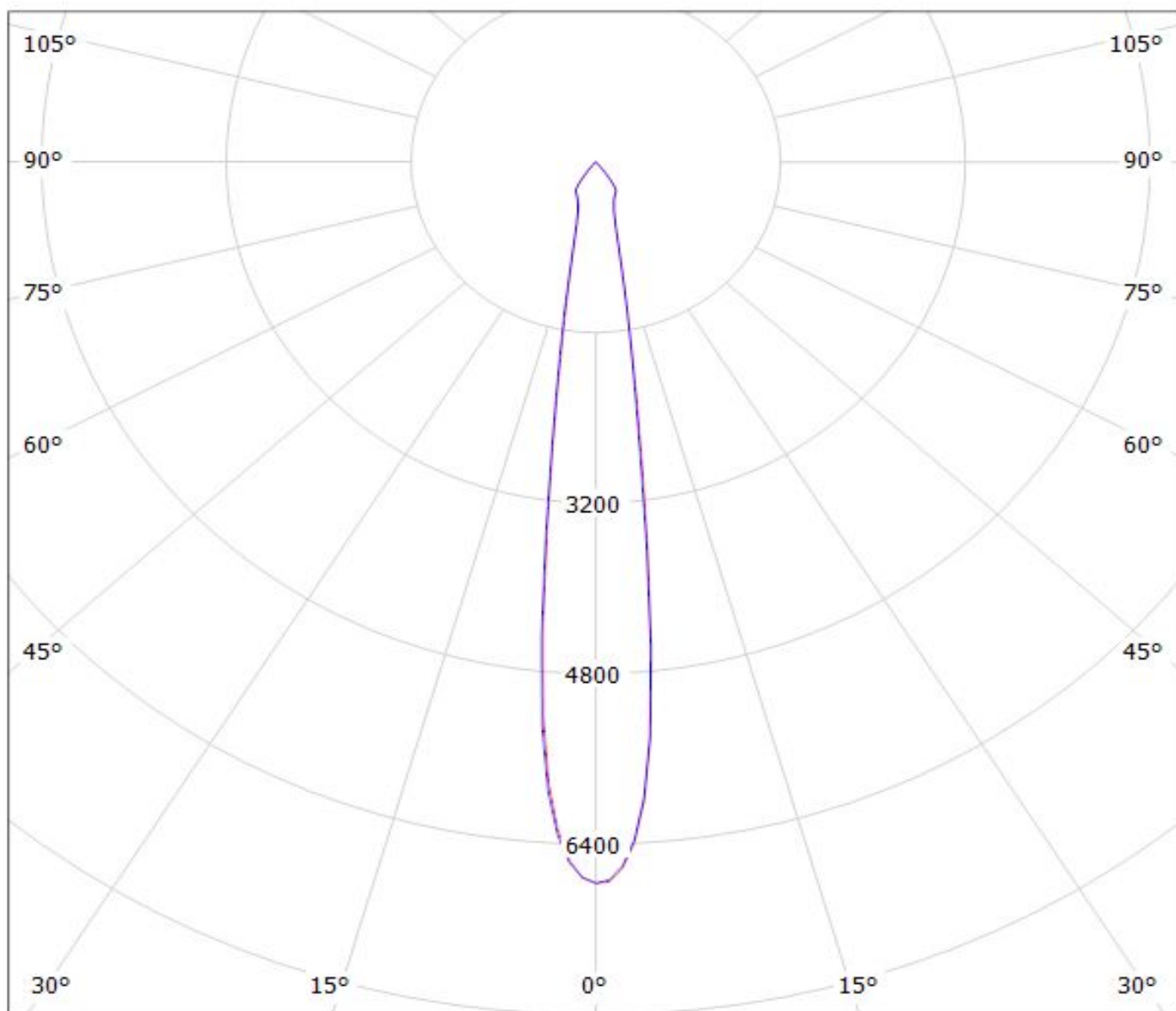
cd/klm

— C0 - C180 — C90 - C270

$\eta = 90\%$

Luminaire: LEDiL Oy CN12700\_LENINA-S\_(SLE-G5\_LES-15)

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



cd/klm

— C0 - C180

— C90 - C270

$\eta = 93\%$

**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.