

## DETAILS

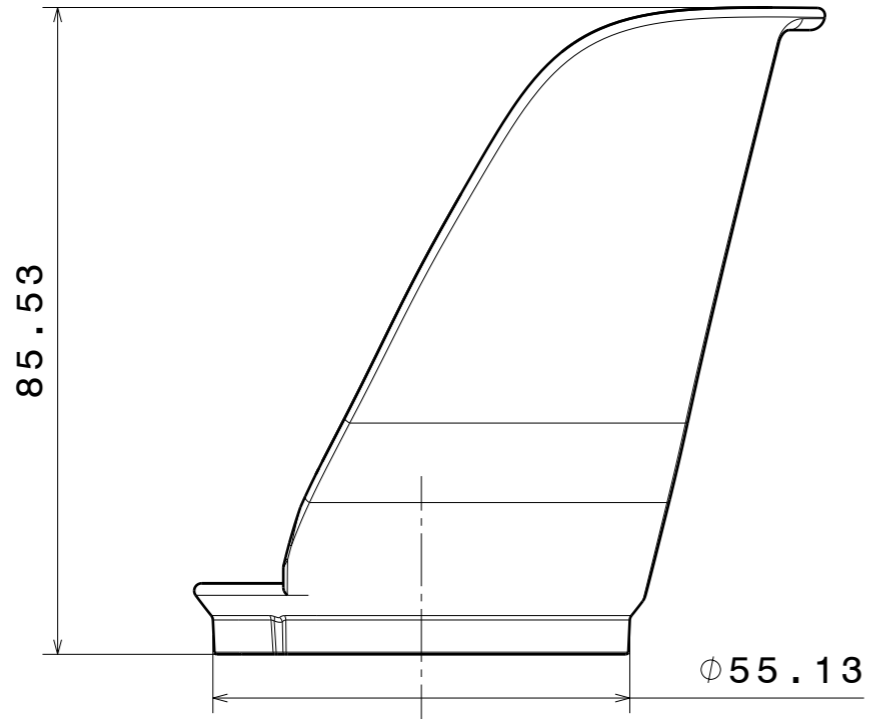
<b>Product Number</b>	C14346_ANGELETTE-WAS
<b>Family</b>	Angelette
<b>Type</b>	Reflector
<b>Color</b>	metal
<b>Diameter</b>	97,2 x 83,4 mm
<b>Height</b>	84,1 mm
<b>Style</b>	round
<b>Optic Material</b>	PC
<b>Holder Material</b>	
<b>Fastening</b>	socket
<b>Status</b>	ready
<b>ROHS Compliant</b>	Yes
<b>Date Updated</b>	10/03/2015



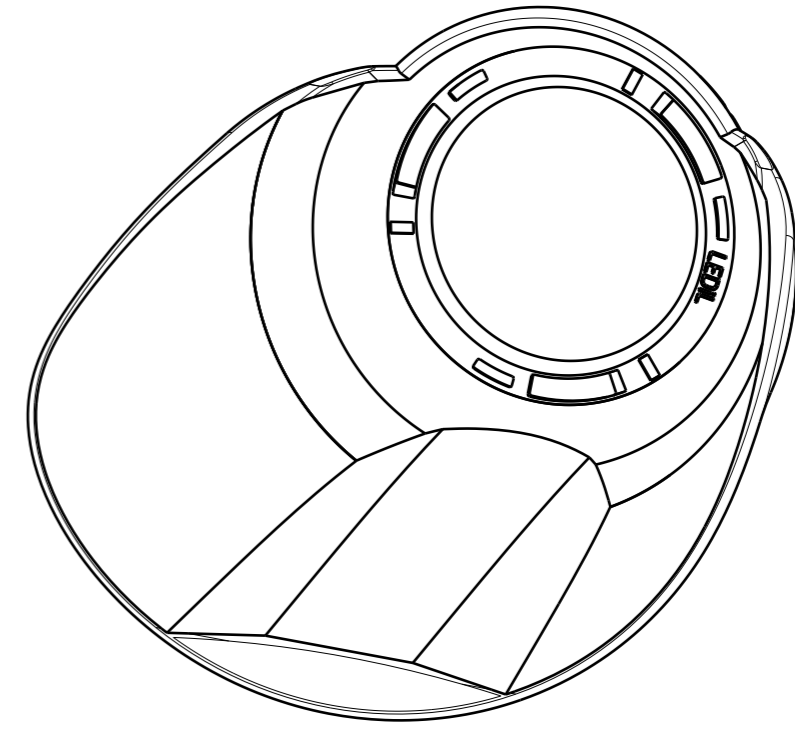
## OPTICAL PROPERTIES

LED	Viewing Angle	Light Beam	Efficiency	cd/lm	Connector
Soleriq P13	Asym deg	Asymmetric	93 %	1.430	TE: part nr. 2213401-2 + Z50 Optic Clip part nr. 2213194-1
Fortimo LED SLM L9 G4 standard	Asymmetric deg	Asymmetric	93 %	1.400	TE: Z50 Optic Clip part nr. 2213194-1
L121A/L060B/L024Z	Asym deg	Asymmetric	93 %	1.500	TE: Solderless Connector part nr. 2213382-2 + Z50 Optic Clip part nr.
<del>2213724</del> -1	Asymmetric deg	Asymmetric	93 %	1.300	TE: part nr. 2213254-2 + Z50 Optic Clip part nr. 2213194-1
CLU720	Asymmetric deg	Asymmetric	92 %	1.400	IDEAL: 50-2103CT + Angela(50-2100AN)
J216A/J130B/J108B/J048Z	Asym deg	Asymmetric	89 %	1.500	IDEAL: 50-2103NC + Angela(50-2100AN)
Fortimo LED SLM L13 G4 standard	Asymmetric deg	Asymmetric	92 %	1.500	TE: Z50 Optic Clip part nr. 2213194-1
Fortimo LED SLM L15 G4 standard	Asymmetric deg	Asymmetric	92 %	1.400	TE: Z50 Optic Clip part nr. 2213194-1
Fortimo LED SLM L19 G4 standard	Asymmetric deg	Asymmetric	92 %	1.300	TE: Z50 Optic Clip part nr. 2213194-1
CLL03x/CLU034	Asymmetric deg	Asymmetric	92 %	1.500	IDEAL: 50-2103CT + Angela(50-2100AN)
SLE G4 LES23 H	Asymmetric deg	Asymmetric	93 %	1.300	TE: Z50 Optic Clip part nr. 2213194-1
Soleriq S13	Asymmetric deg	Asymmetric	93 %	1.400	TE: part nr. 2213401-2 + Z50 Optic Clip part nr. 2213194-1
Soleriq S19	Asymmetric deg	Asymmetric	93 %	1.400	TE: part nr. 2213407-2 + Z50 Optic Clip part nr. 2213194-1

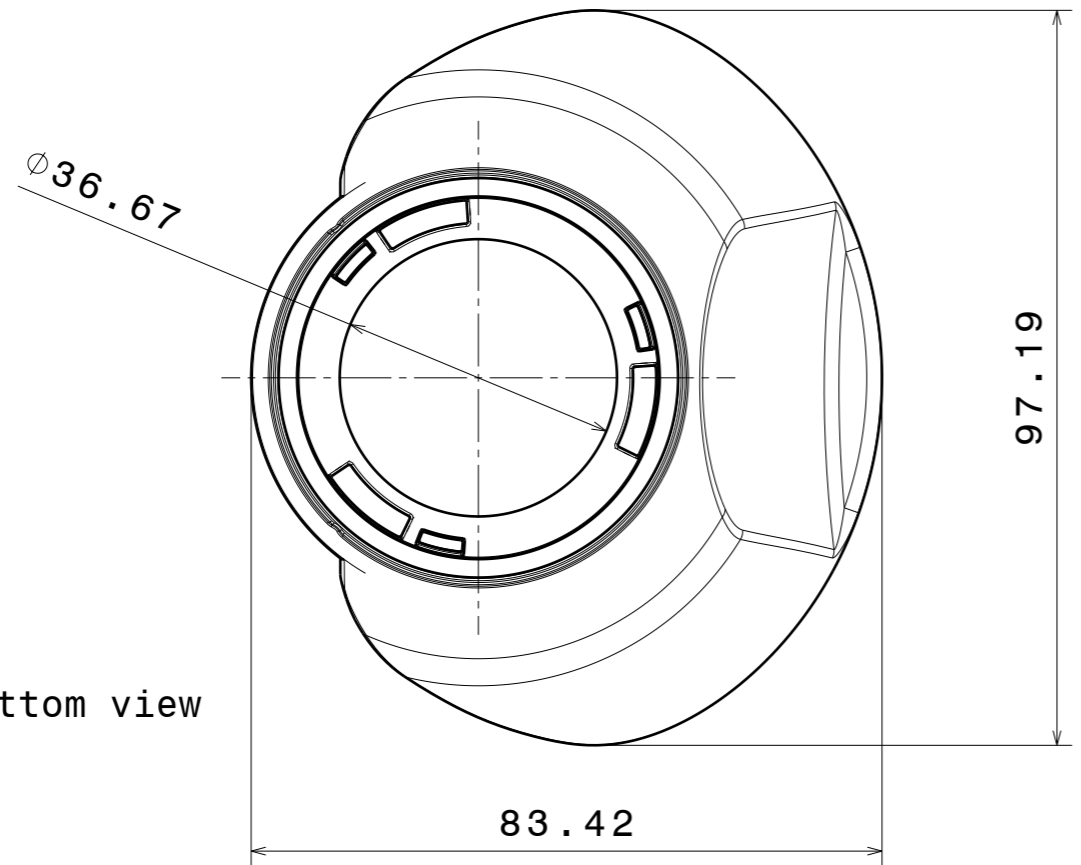
H G F E D C B A



Side view



Isometric view



Bottom view

INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	C14346	ANGELETTE-WAS	PC	Metal

Tolerances if not otherwise shown  
 According to DIN ISO 2768-1  
 Linear measures: class C  
 According to DIN ISO 2768-2  
 Form and position: class L

**LEDiL** LediL Oy  
 Salorankatu 10  
 FIN 24240 SALO  
 Finland

THIRD ANGLE PROJECTION:

DRAWING TITLE  
**C14346\_ANGELETTE-WAS**

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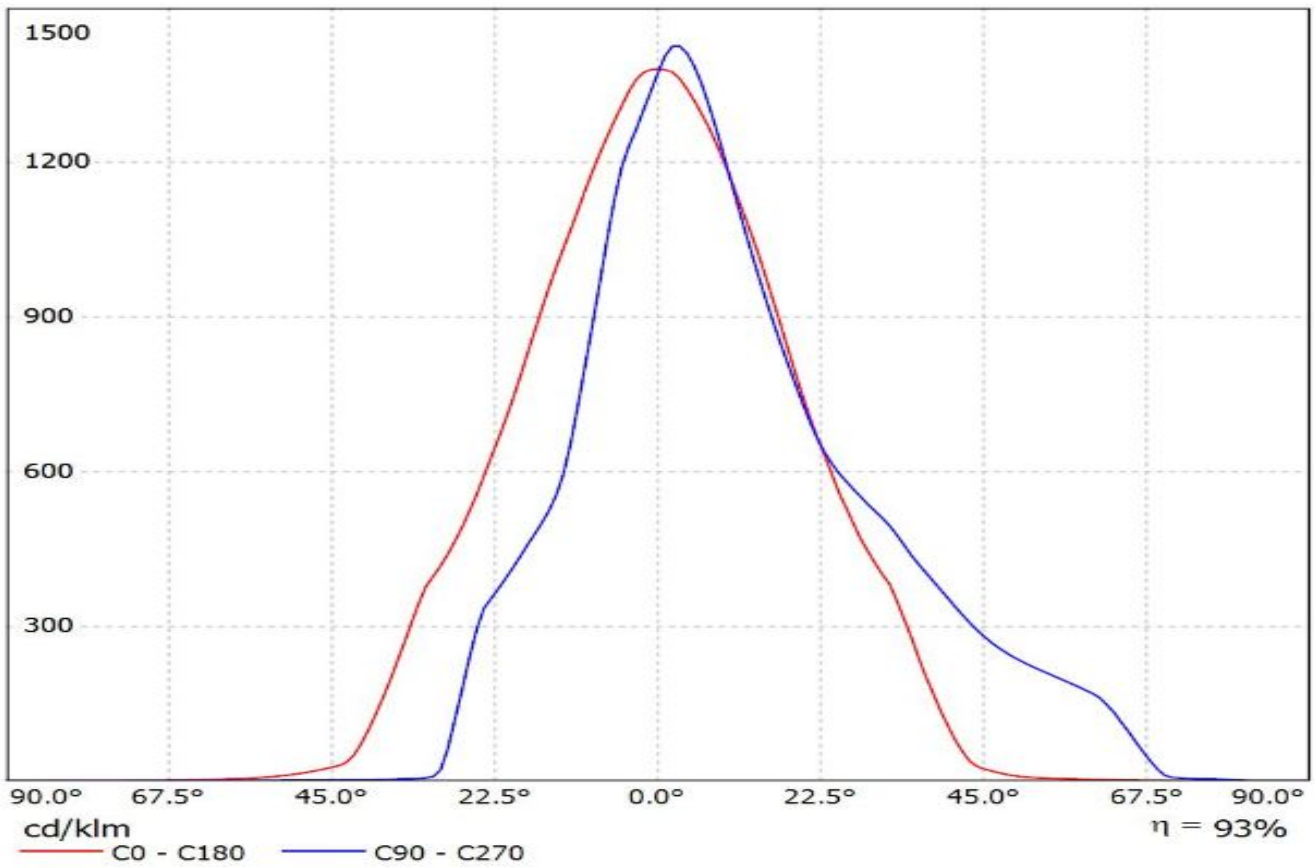
SIZE	PART NUMBER
A3	C14346

SCALE	1:1	WEIGHT	38,16 g	SHEET	1/1
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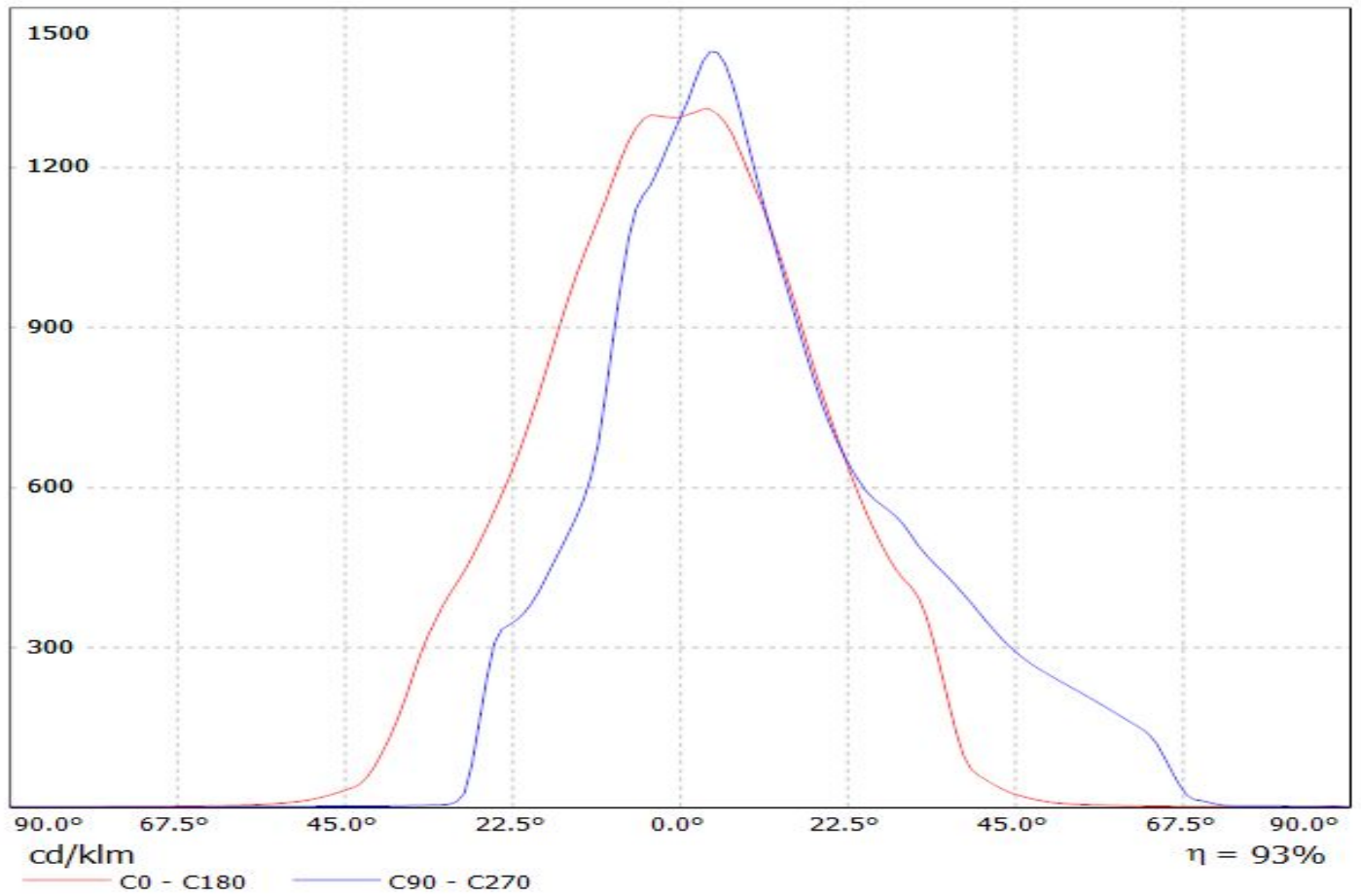
H G B A

Luminaire: LEDiL Oy C14346\_ANGELETTE-WAS\_(SOLERIQ\_P13)

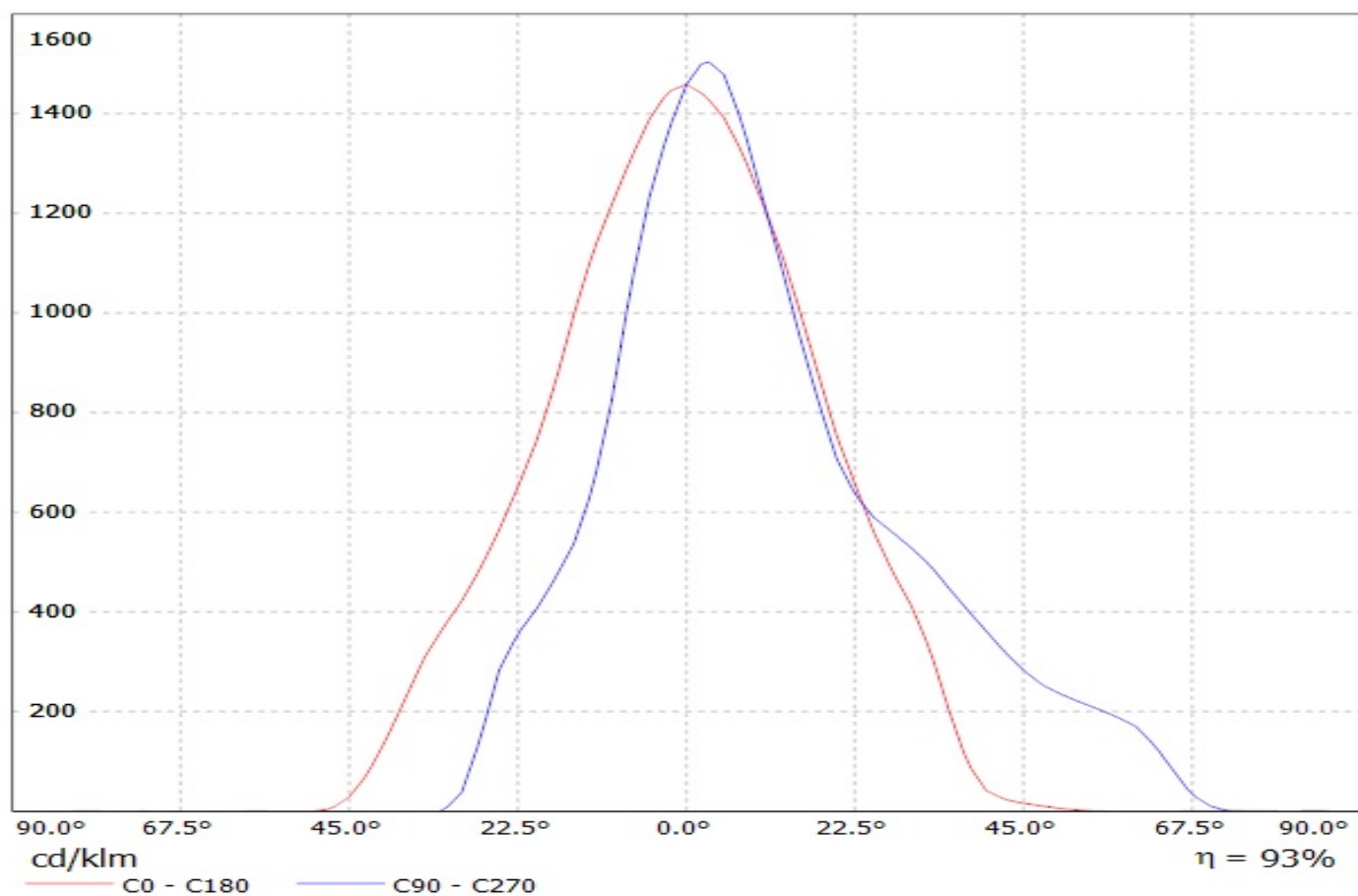
Lamps: 1 x SOLERIQ\_P13\_(GW\_MAGMB1.EM)\_1038.25lm@250mA\_CCT=3000K\_P=8.77223W\_I=249.8mA



Luminaire: LEDiL Oy C14346\_ANGELETTE-WAS\_(Fortimo LED SLM L9 G4)  
Lamps: 1 x Fortimo LED SLM L9 G4\_?lm@250mA\_P=?W\_I=?mA

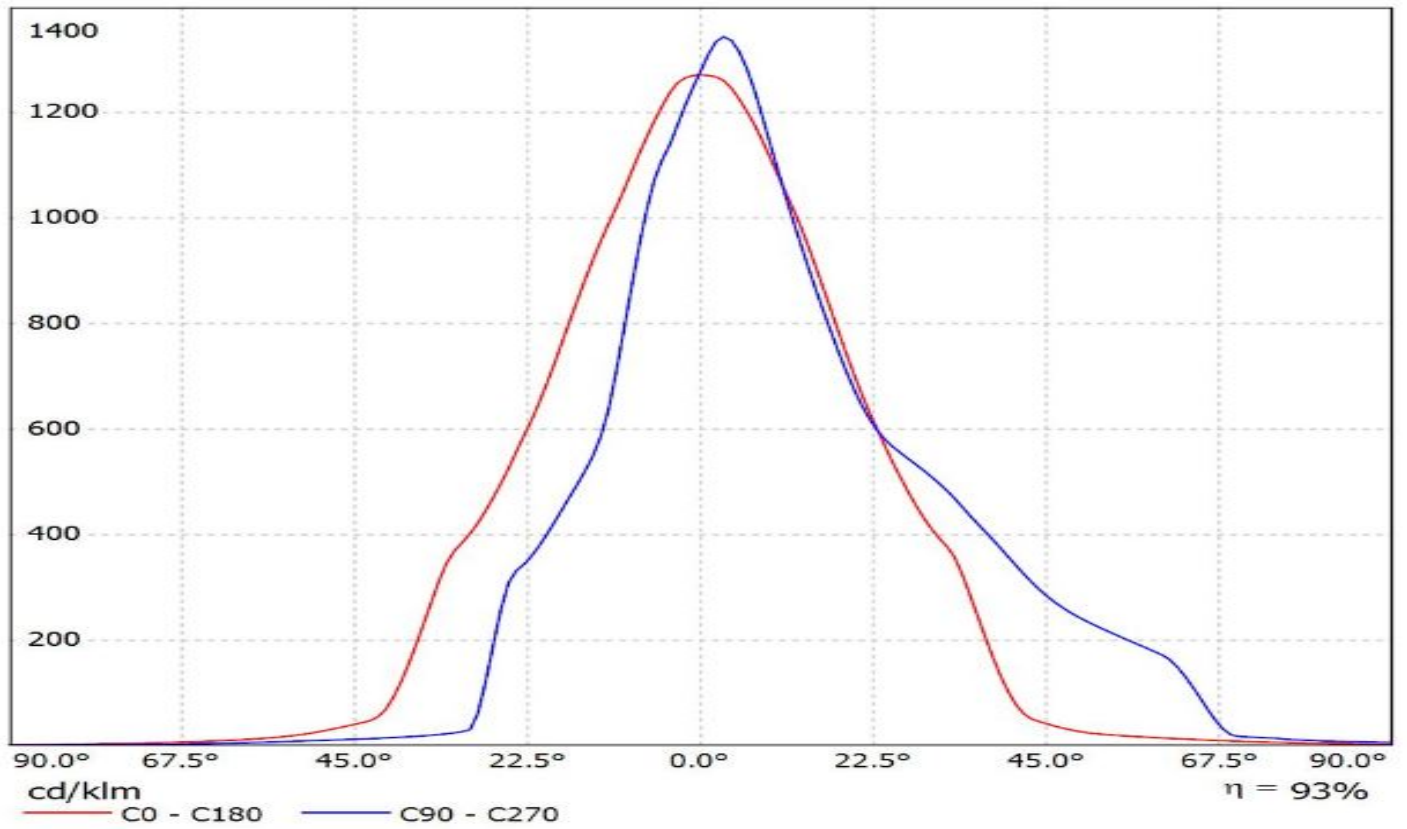


Luminaire: LEDil Oy C14346\_ANGELETTE-WAS\_(NFCxL060B)  
Lamps: 1 x Nichia NFCxL060B (SM403G2450R8000) 1250.88lm @ 250mA P=8.4W I=250mA

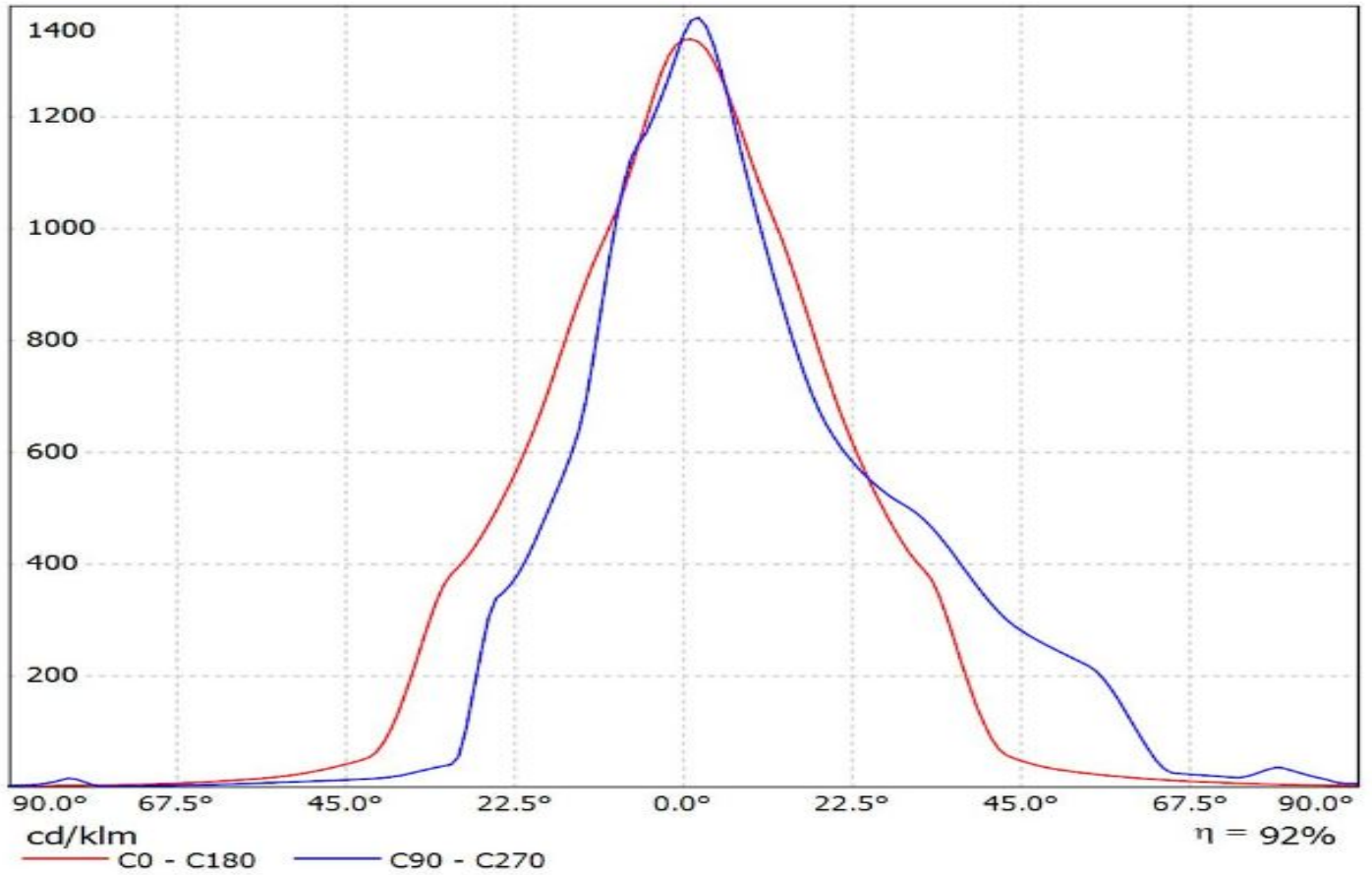


# Ledil C14346\_ANGELETTE-WAS\_(CLU720) / LDC (Linear)

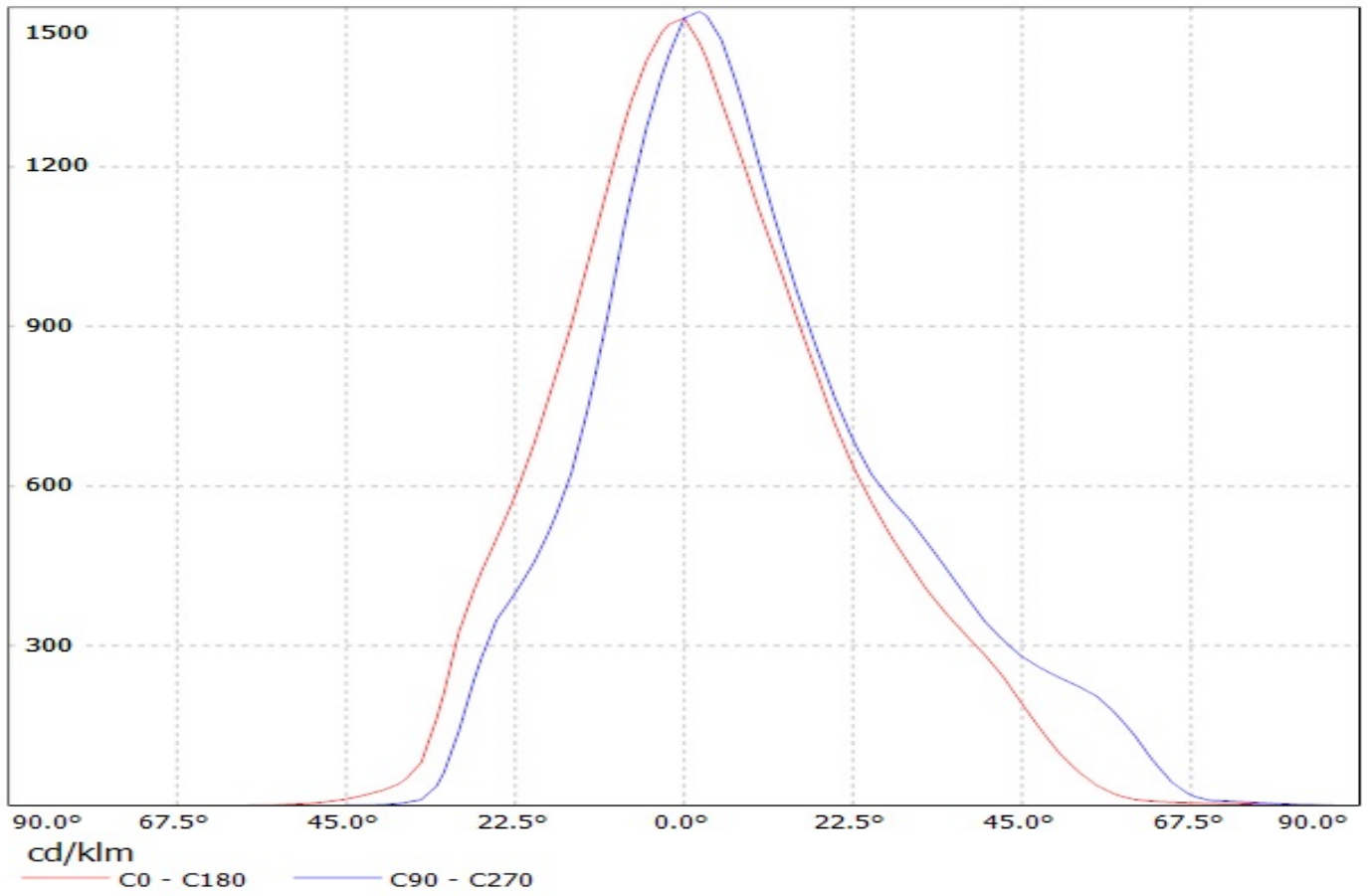
Luminaire: Ledil C14346\_ANGELETTE-WAS\_(CLU720)  
Lamps: 1 x CITIZEN\_CLU720\_(CLU720-1206B8-273M2)  
\_1344.79lm@250mA\_CCT=2700K\_P=8.35W\_I=0.25A



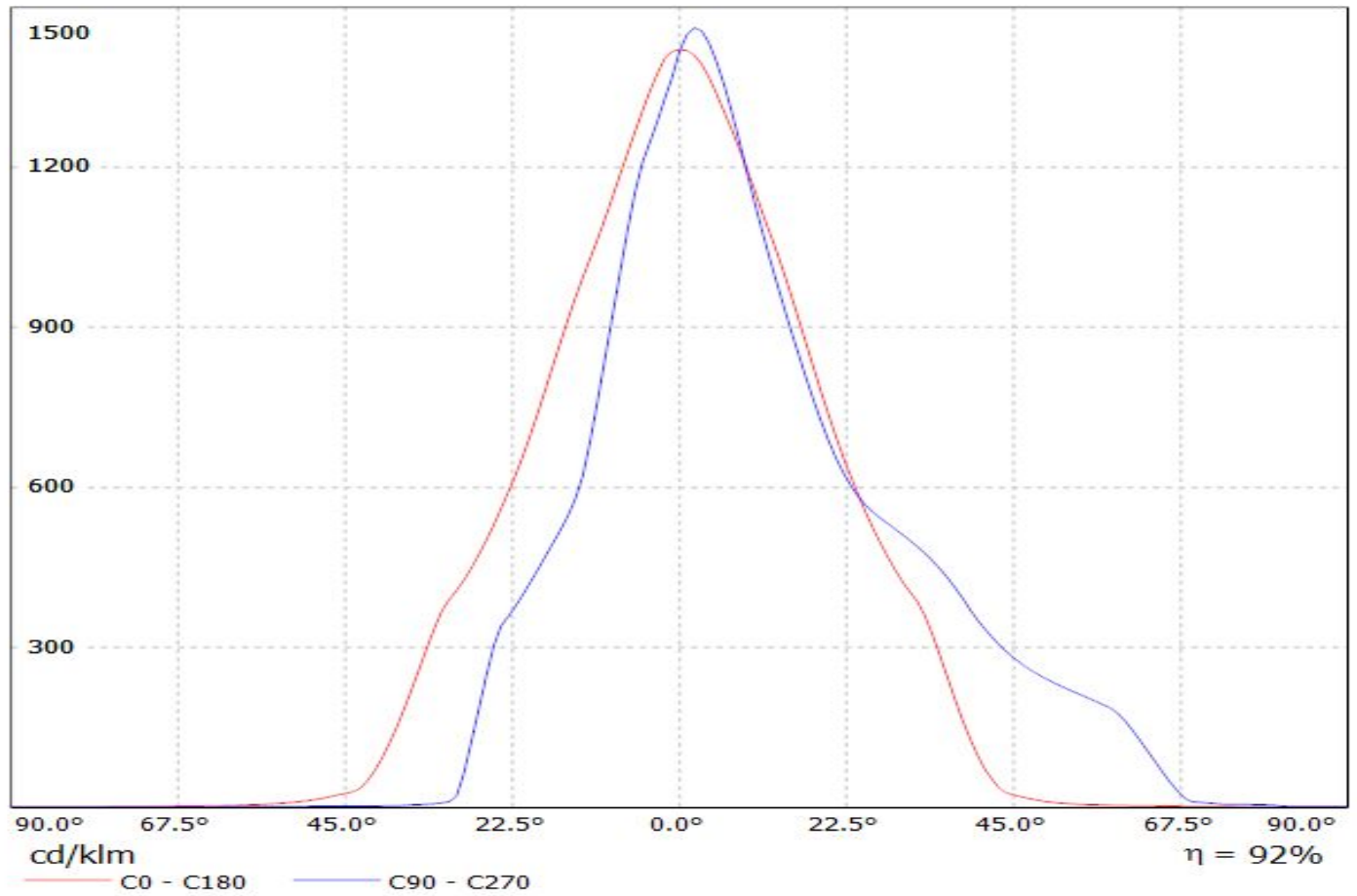
Luminaire: Ledil C14346\_ANGELETTE-WAS\_(CLU720)  
Lamps: 1 x CITIZEN\_CLU720\_(CLU720-1206B8-273M2)  
\_1337.27lm@250mA\_CCT=2700K\_P=8.35W\_I=0.25A



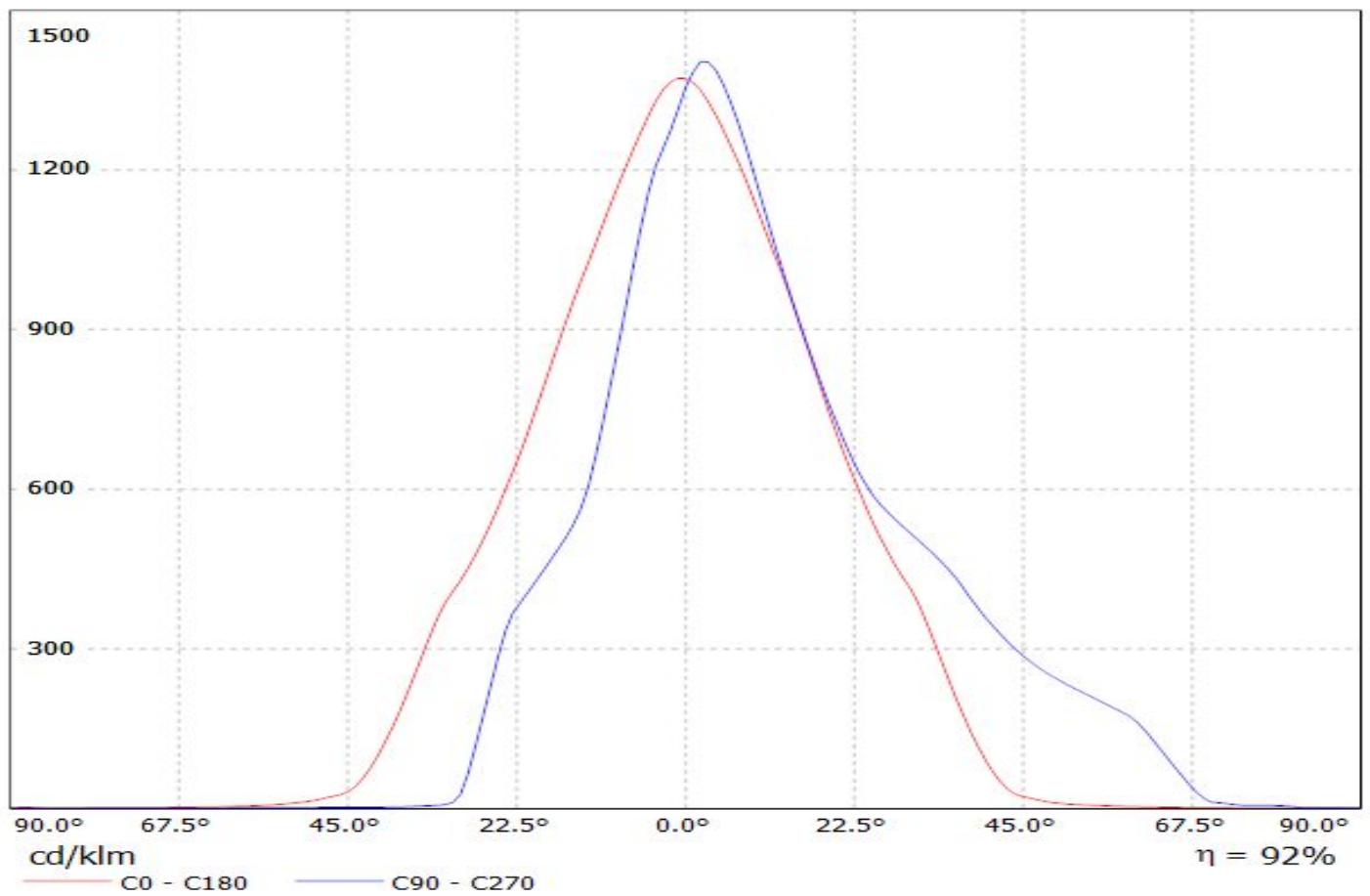
Luminaire: LEDil Oy C14346\_ANGELETTE-WAS\_(NFDxJ130B)  
Lamps: 1 x Nichia NFDxJ130B (SM403G6450R8000) 1410.46lm @ 250mA P=8.4W I=250mA



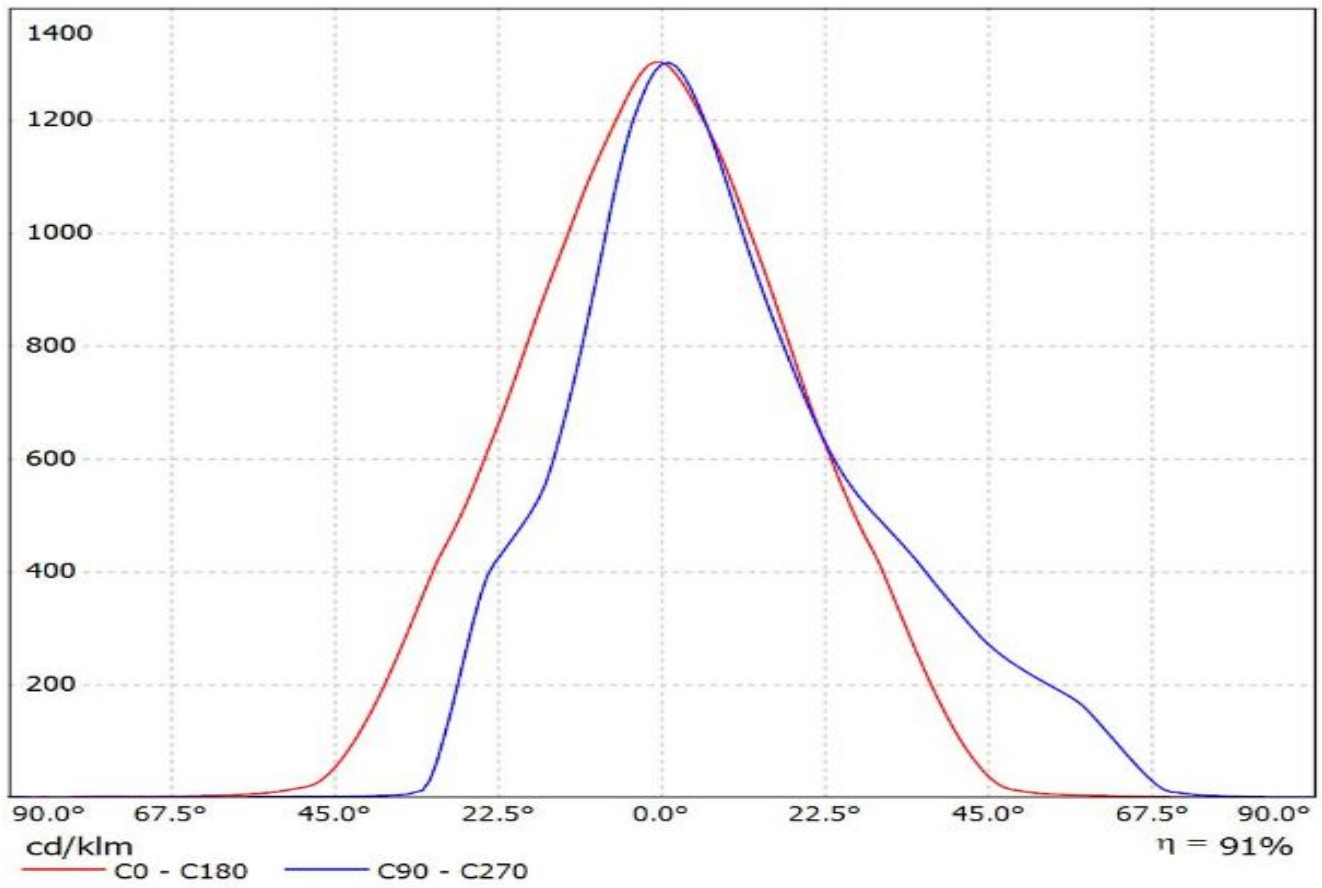
Luminaire: LEDiL Oy C14346\_ANGELETTE-WAS\_(Fortimo LED SLM L13 G4)  
Lamps: 1 x Fortimo LED SLM L13 G4\_1110.38lm@250mA\_P=8.38454W\_I=0.2498A



Luminaire: LEDiL Oy C14346\_ANGELETTE-WAS\_(Fortimo LED SLM L15 G4)  
Lamps: 1 x Fortimo LED SLM L15 G4\_1116.47lm@250mA\_P=8.21168W\_I=0.2498A

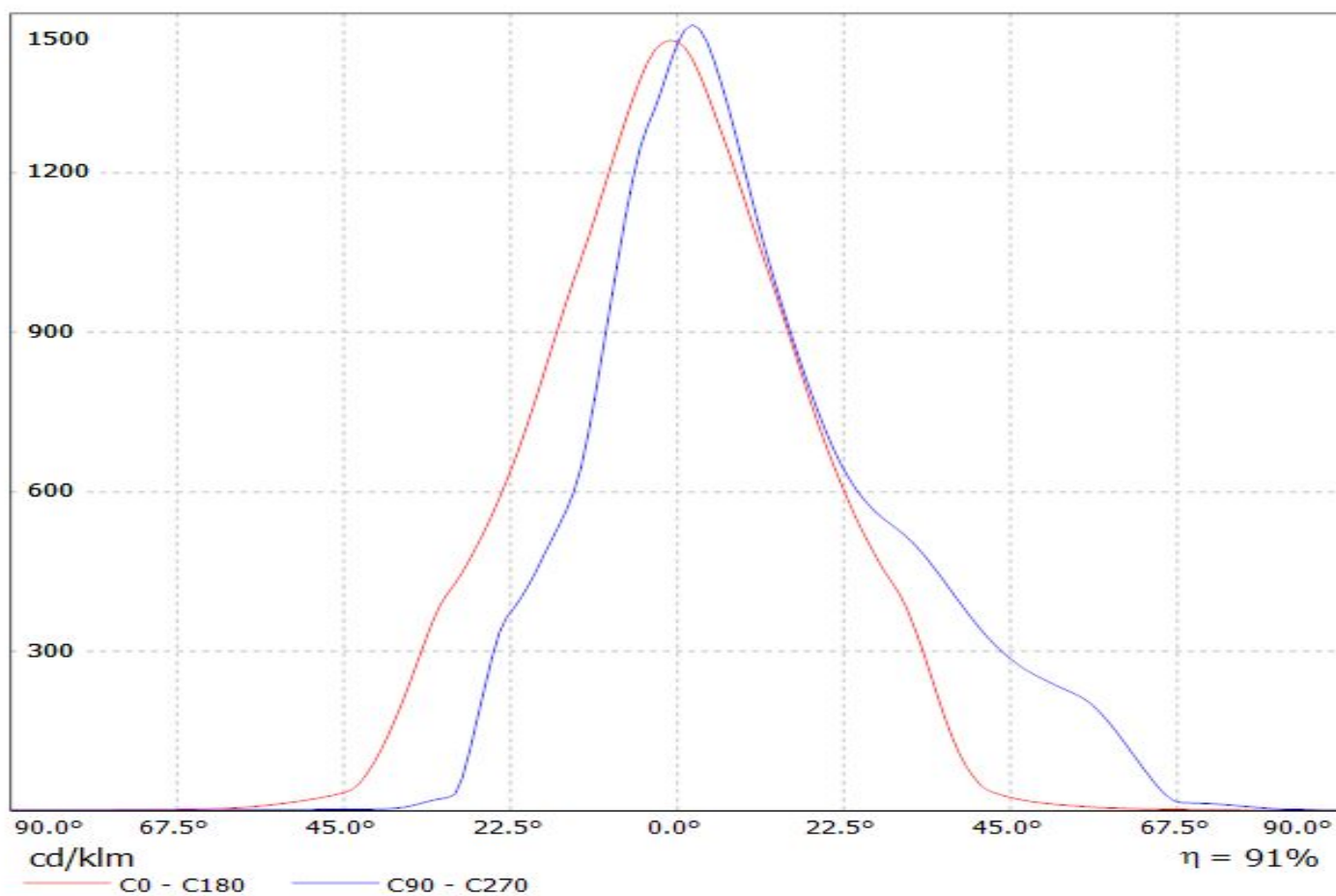


Luminaire: LEDiL Oy C14346\_ANGELETTE-WAS\_(Fortimo LED SLM L19 G4)  
Lamps: 1 x Fortimo LED SLM L19 G4\_1114.89lm@250mA\_P=8.04906W\_I=0.2498A



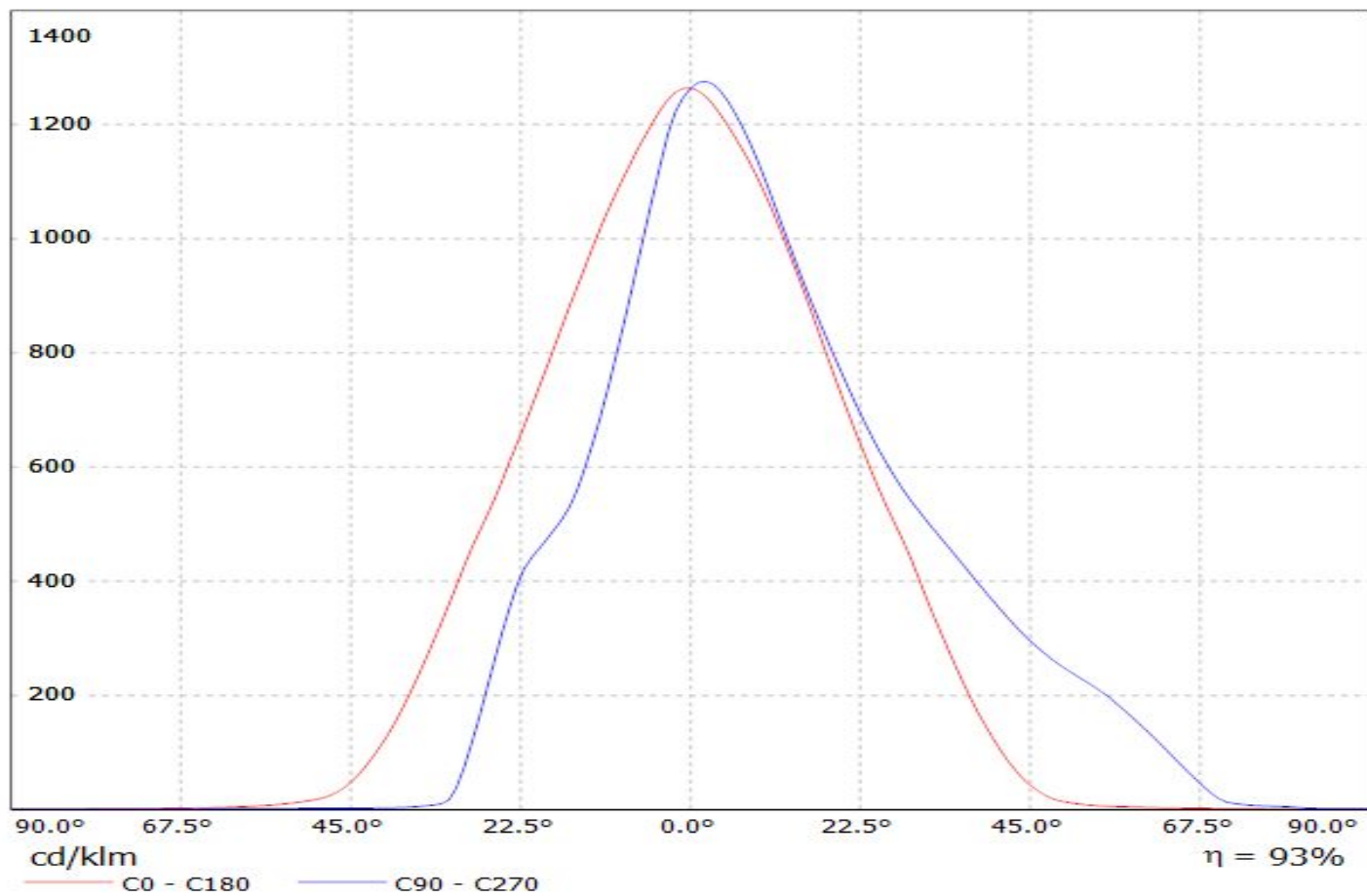
Luminaire: LEDiL Oy C14346\_ANGELETTE-WAS\_(CLL030)

Lamps: 1 x Citizen\_CLL030\_(CLL030-1206A1-303M1A2)\_987.919lm@250mA\_P=8.43649W\_I=249.8mA



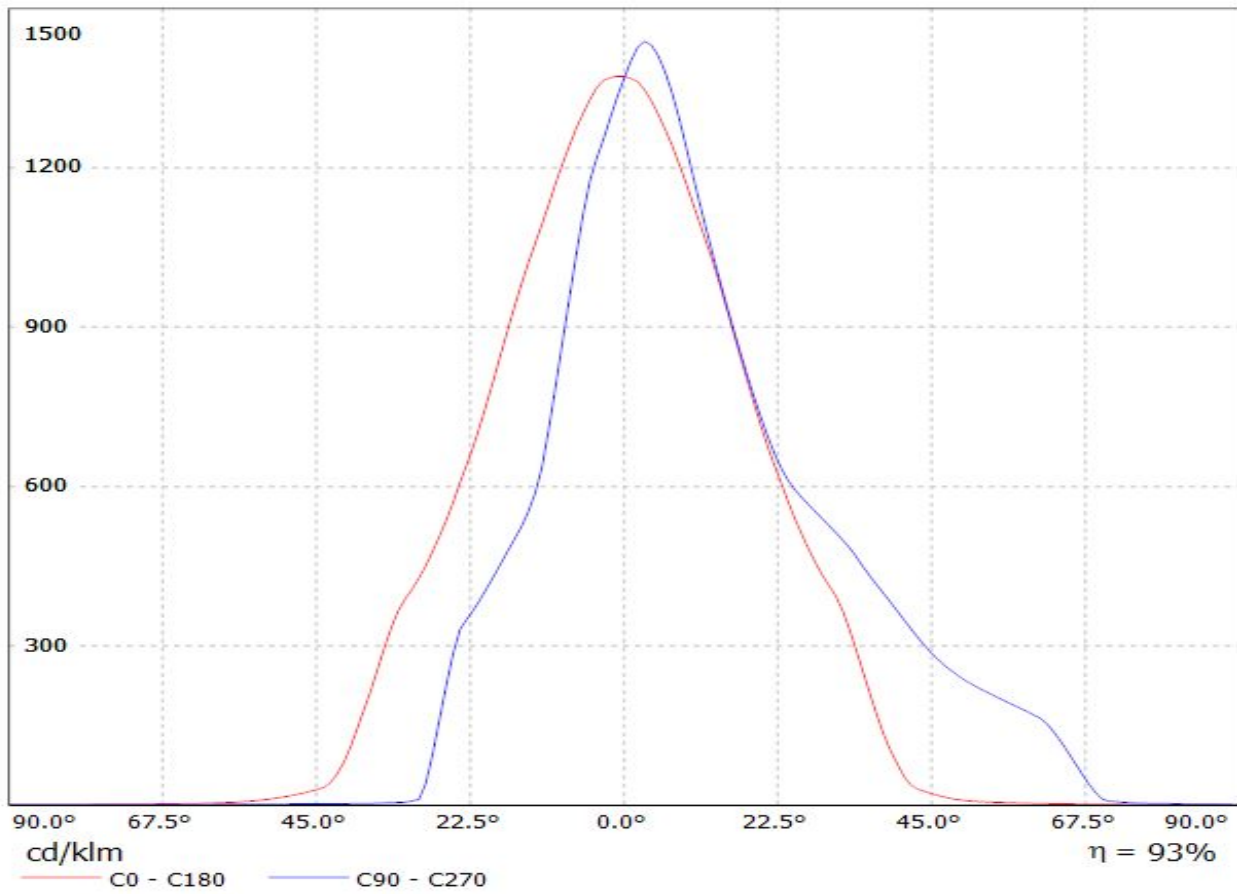
Luminaire: LEDiL Oy C14346\_ANGELETTE-WAS\_(SLE\_G4\_LES23)

Lamps: 1 x Tridonic\_SLE\_G4\_LES23\_1354.57lm@250mA\_P=8.18744W\_I=0.2498A



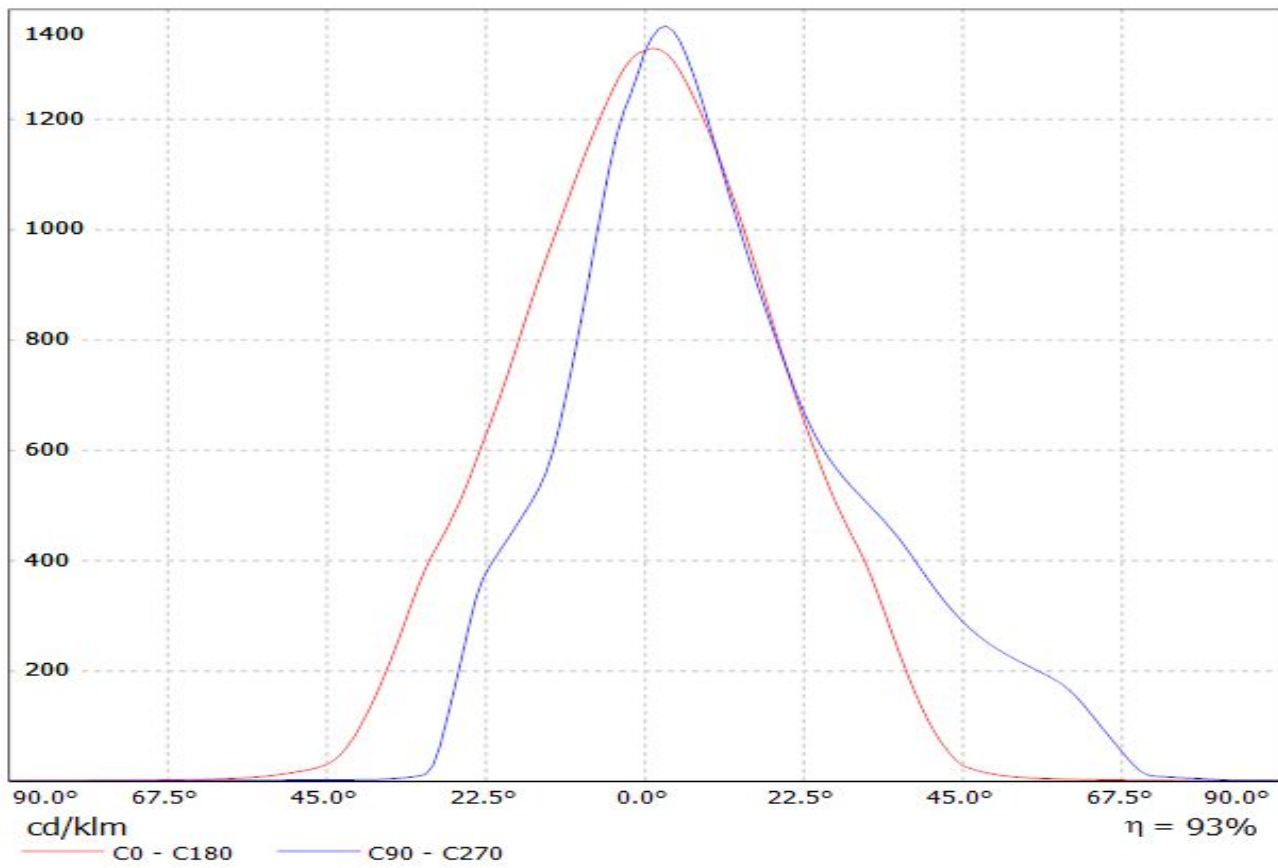
Luminaire: LEDiL Oy C14346\_ANGELETTE-WAS (Soleriq\_S13)

Lamps: 1 x Osram\_Soleriq\_S13\_(GW\_KAGHB1.EM)\_875.214lm@250mA\_P=7.44679W\_I=250mA



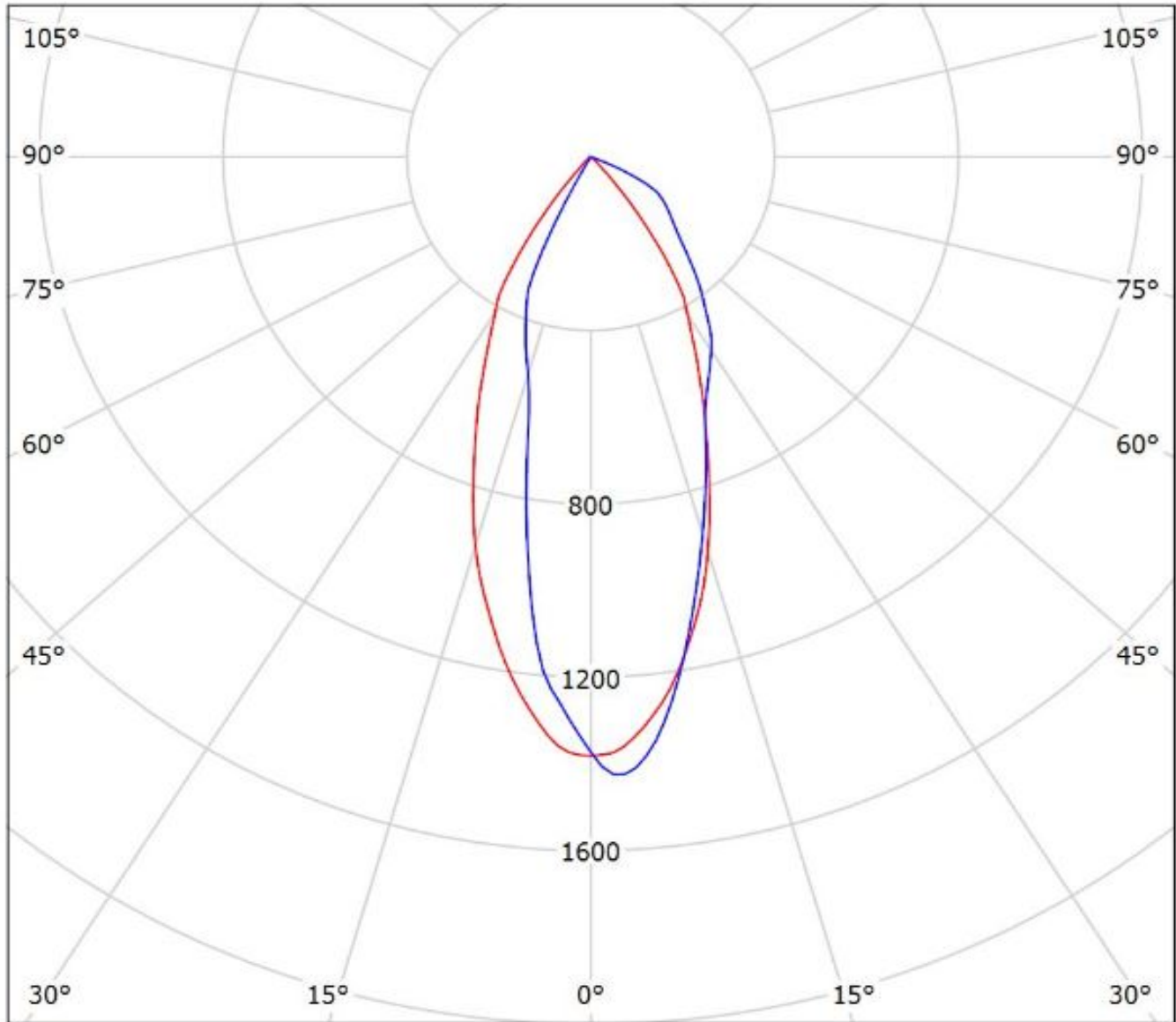
Luminaire: LEDiL Oy C14346\_ANGELETTE-WAS\_(Soleriq\_S19)

Lamps: 1 x Osram\_Soleriq\_S19\_(GW\_KAHJB1.EM)\_1398.33lm@250mA\_P=10.573W\_I=250mA



Luminaire: LEDiL Oy C14346\_ANGELETTE-WAS\_(SOLERIQ\_P13)

Lamps: 1 x SOLERIQ\_P13\_(GW\_MAGMB1.EM)\_1038.25lm@250mA\_CCT=3000K\_P=8.77223W\_I=249.8mA

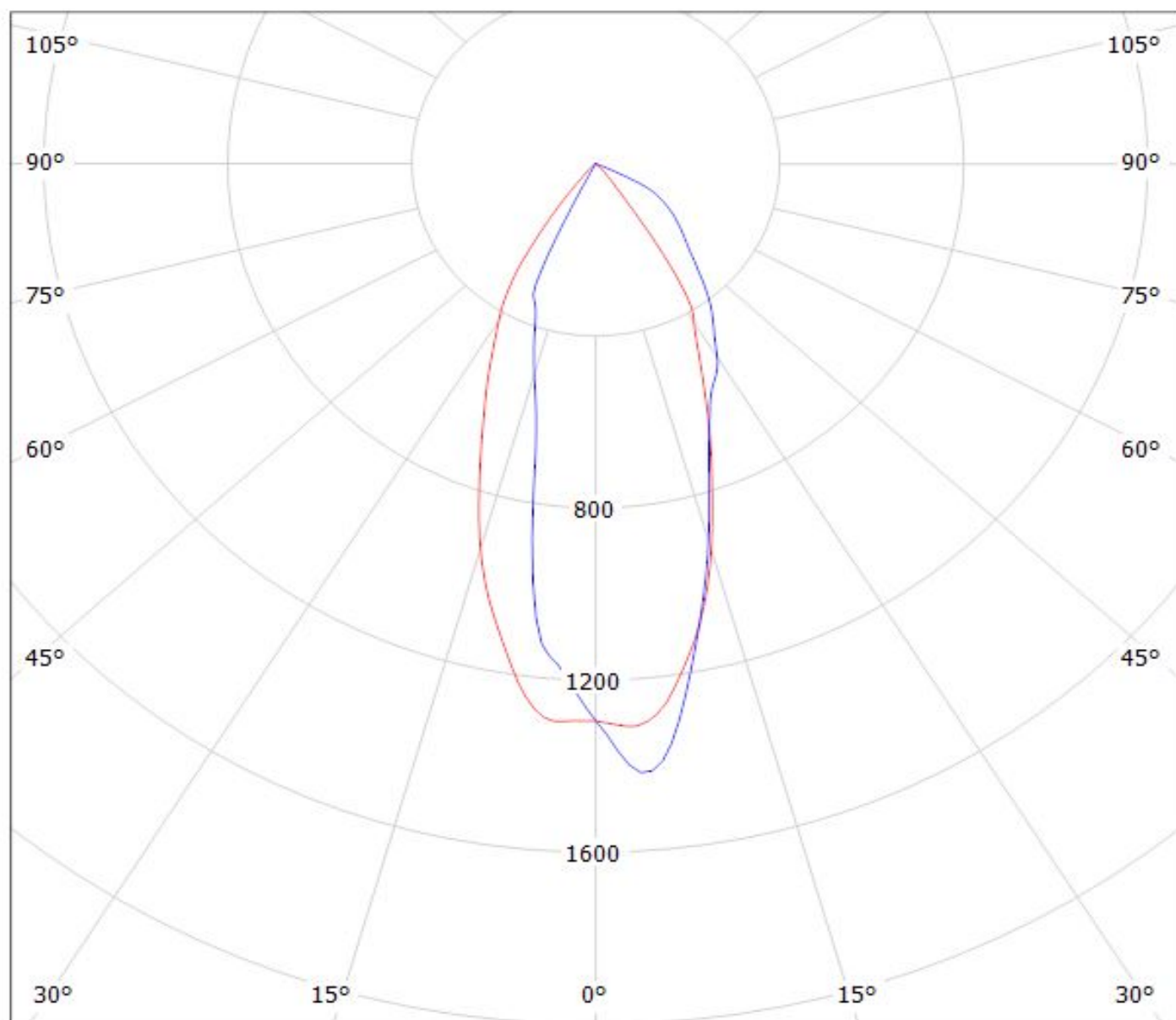


cd/klm

— C0 - C180 — C90 - C270

$\eta = 93\%$

Luminaire: LEDiL Oy C14346\_ANGELETTE-WAS\_(Fortimo LED SLM L9 G4)  
Lamps: 1 x Fortimo LED SLM L9 G4\_?lm@250mA\_P=?W\_I=?mA



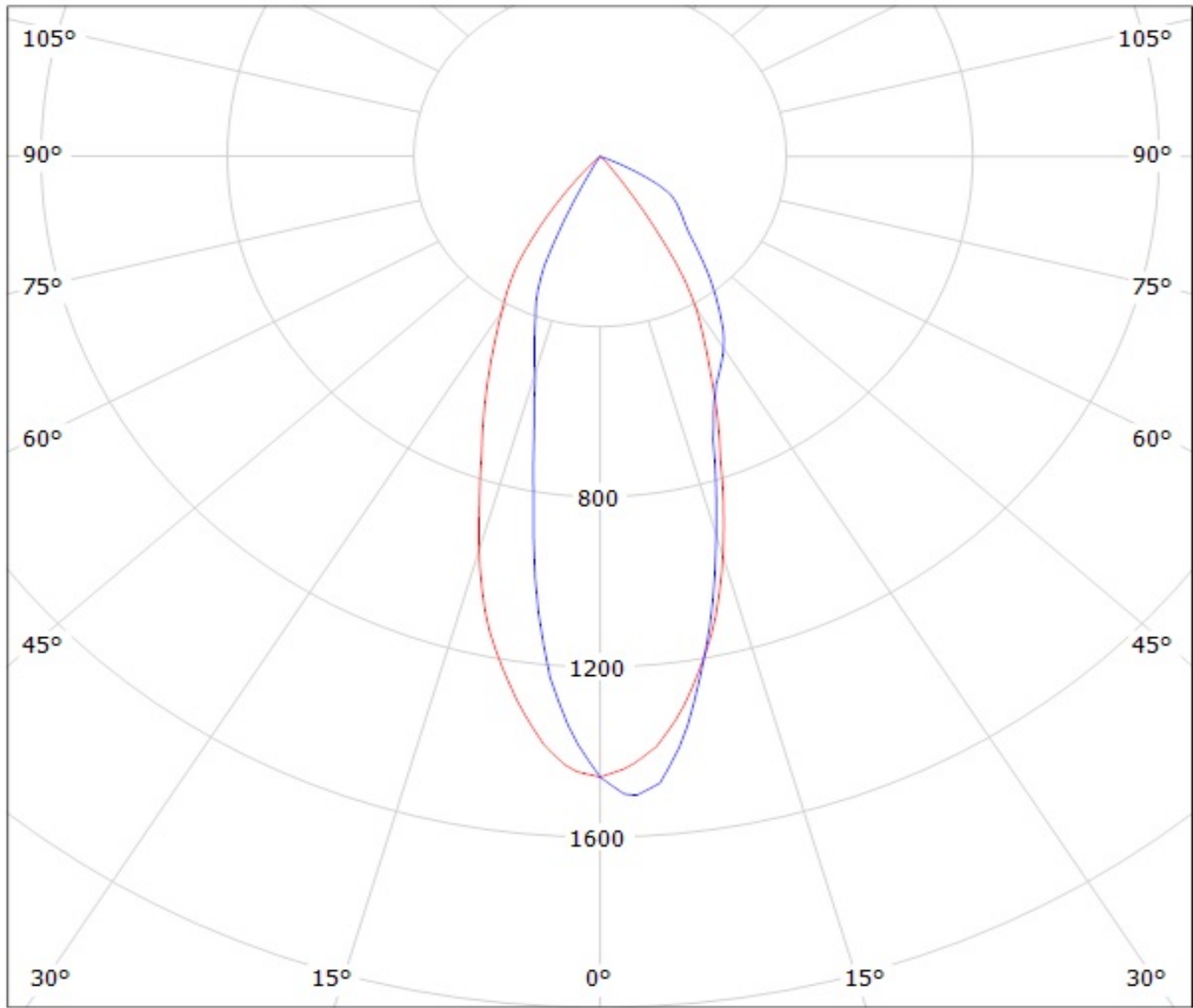
cd/klm

— C0 - C180

— C90 - C270

$\eta = 93\%$

Luminaire: LEDil Oy C14346\_ANGELETTE-WAS\_(NFCxL060B)  
Lamps: 1 x Nichia NFCxL060B (SM403G2450R8000) 1250.88lm @ 250mA P=8.4W I=250mA



cd/klm  
— C0 - C180 — C90 - C270

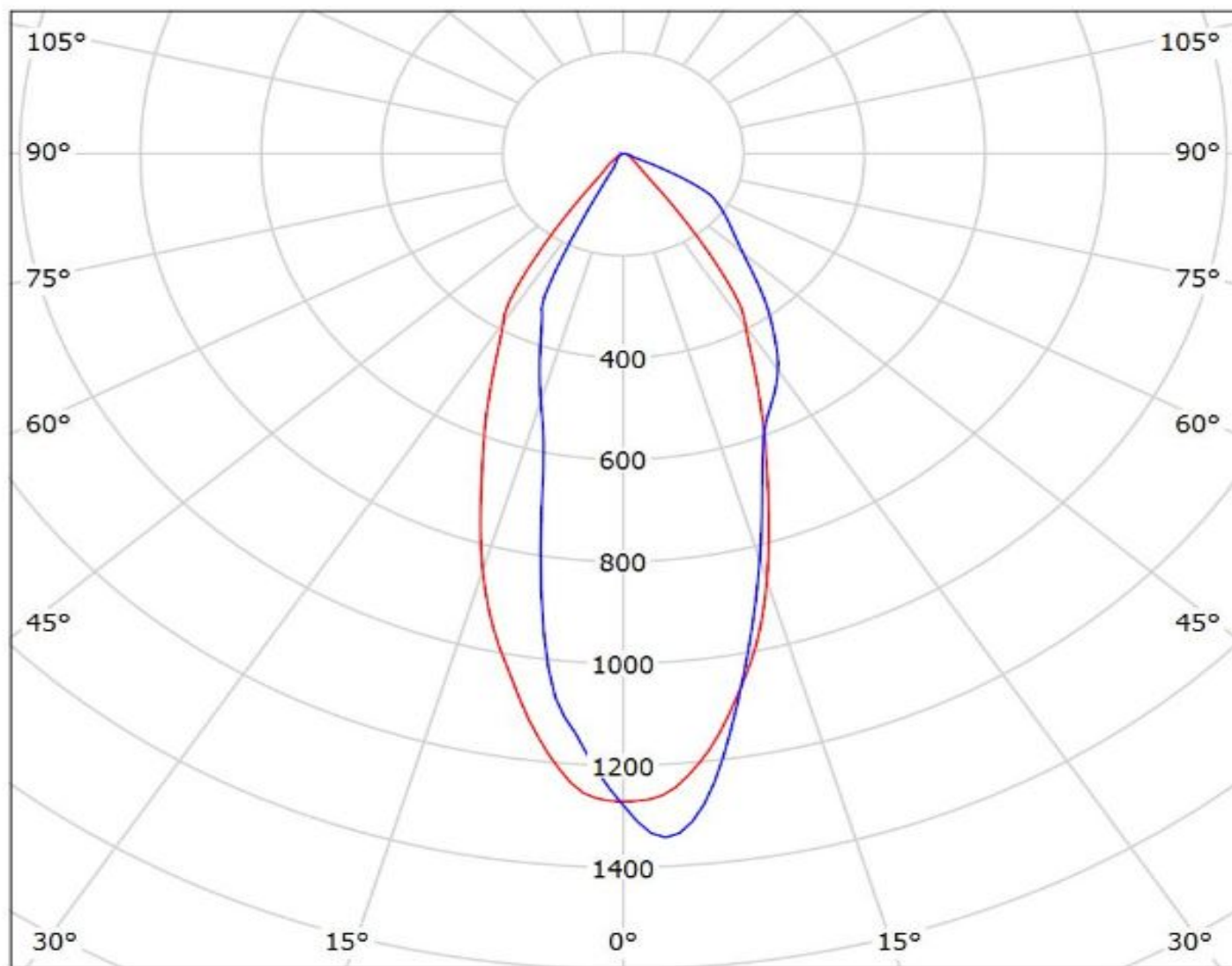
$\eta = 93\%$

# Ledil C14346\_ANGELETTE-WAS\_(CLU720) / LDC (Polar)

Luminaire: Ledil C14346\_ANGELETTE-WAS\_(CLU720)

Lamps: 1 x CITIZEN\_CLU720\_(CLU720-1206B8-273M2)

\_1344.79lm@250mA\_CCT=2700K\_P=8.35W\_I=0.25A



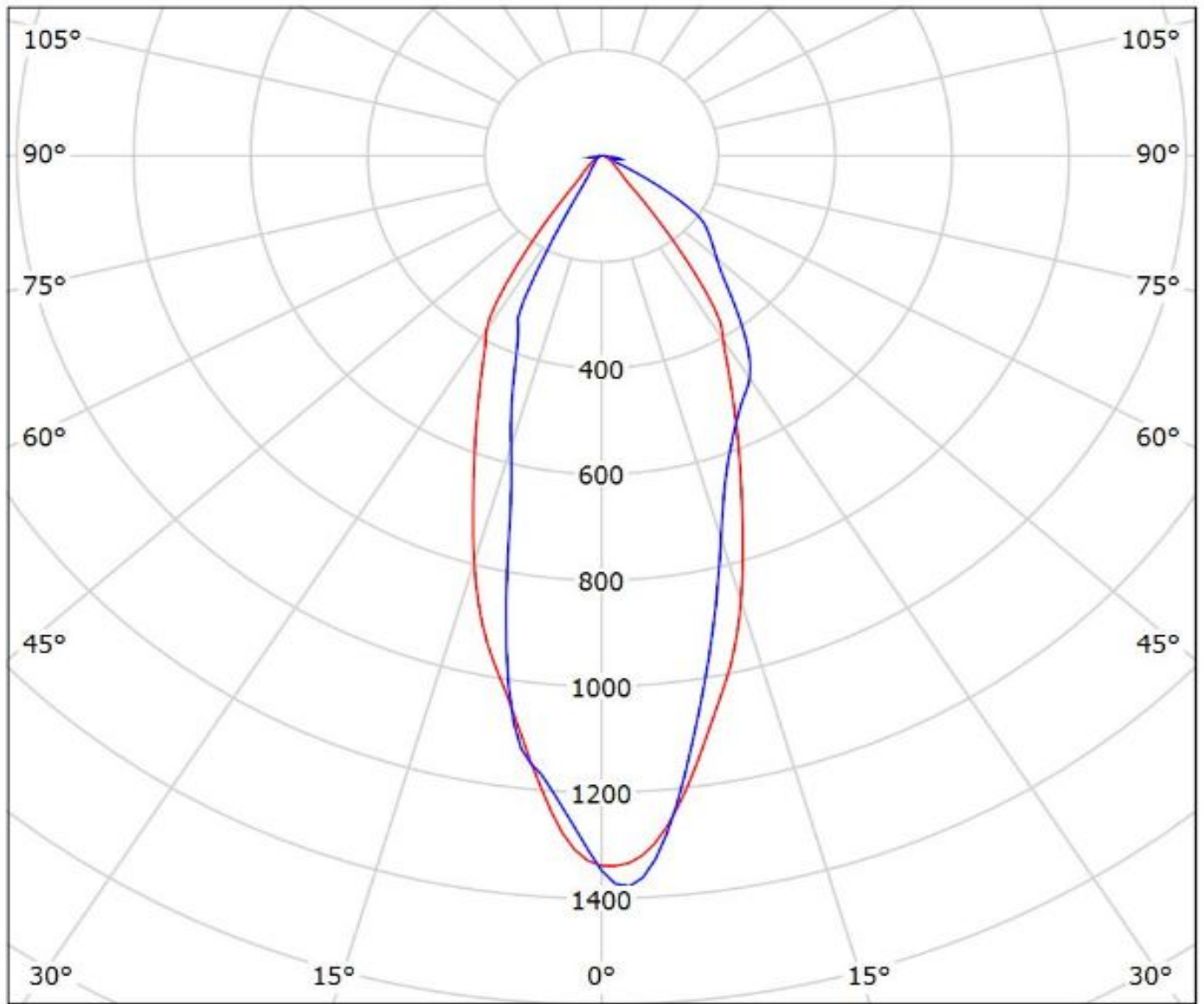
cd/klm

— C0 - C180

— C90 - C270

$\eta = 93\%$

Luminaire: Ledil C14346\_ANGELETTE-WAS\_(CLU720)  
Lamps: 1 x CITIZEN\_CLU720\_(CLU720-1206B8-273M2)  
\_1337.27lm@250mA\_CCT=2700K\_P=8.35W\_I=0.25A



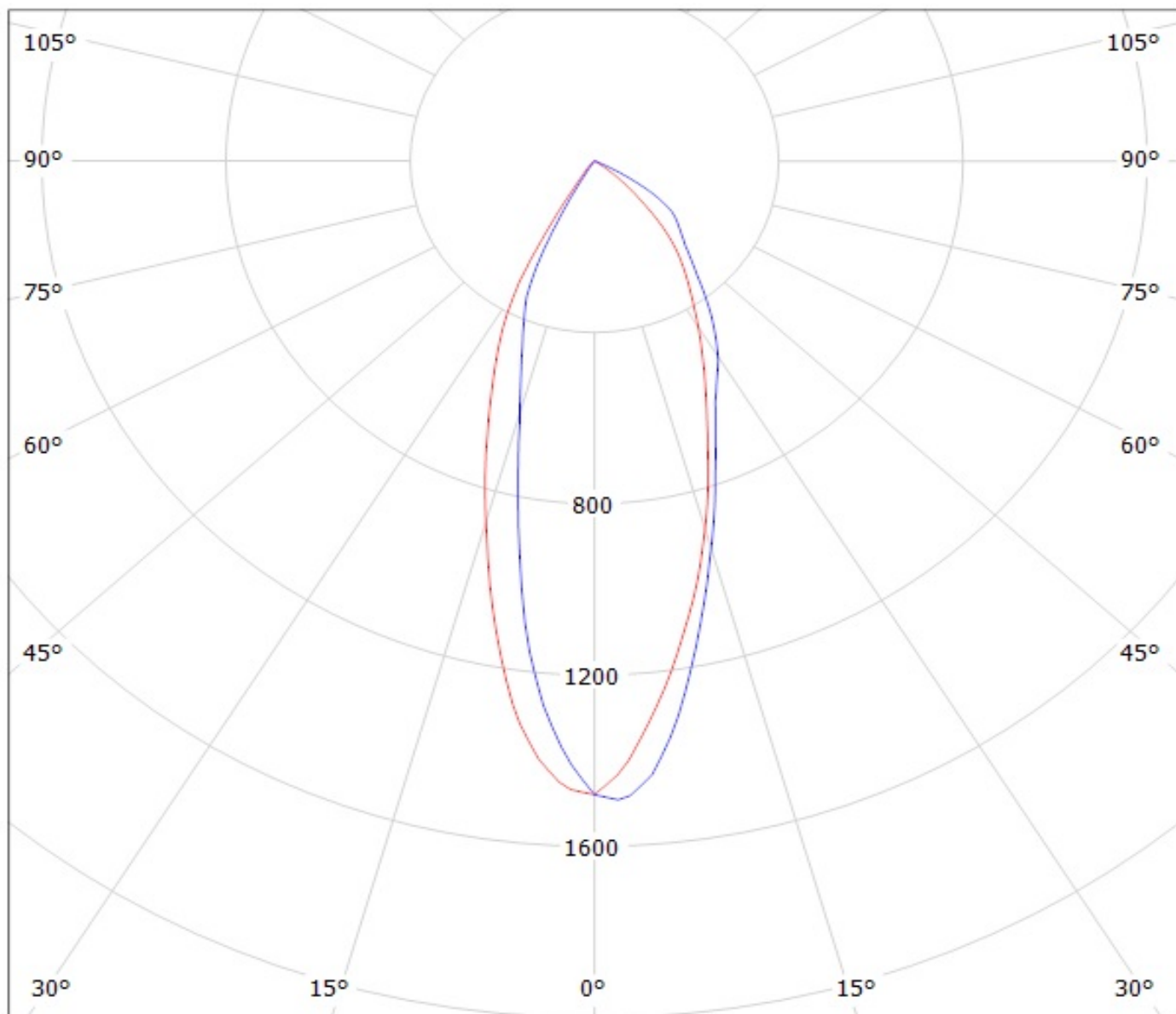
cd/klm

— C0 - C180 — C90 - C270

$\eta = 92\%$

Luminaire: LEDil Oy C14346\_ANGELETTE-WAS\_(NFDxJ130B)

Lamps: 1 x Nichia NFDxJ130B (SM403G6450R8000) 1410.46lm @ 250mA P=8.4W I=250mA

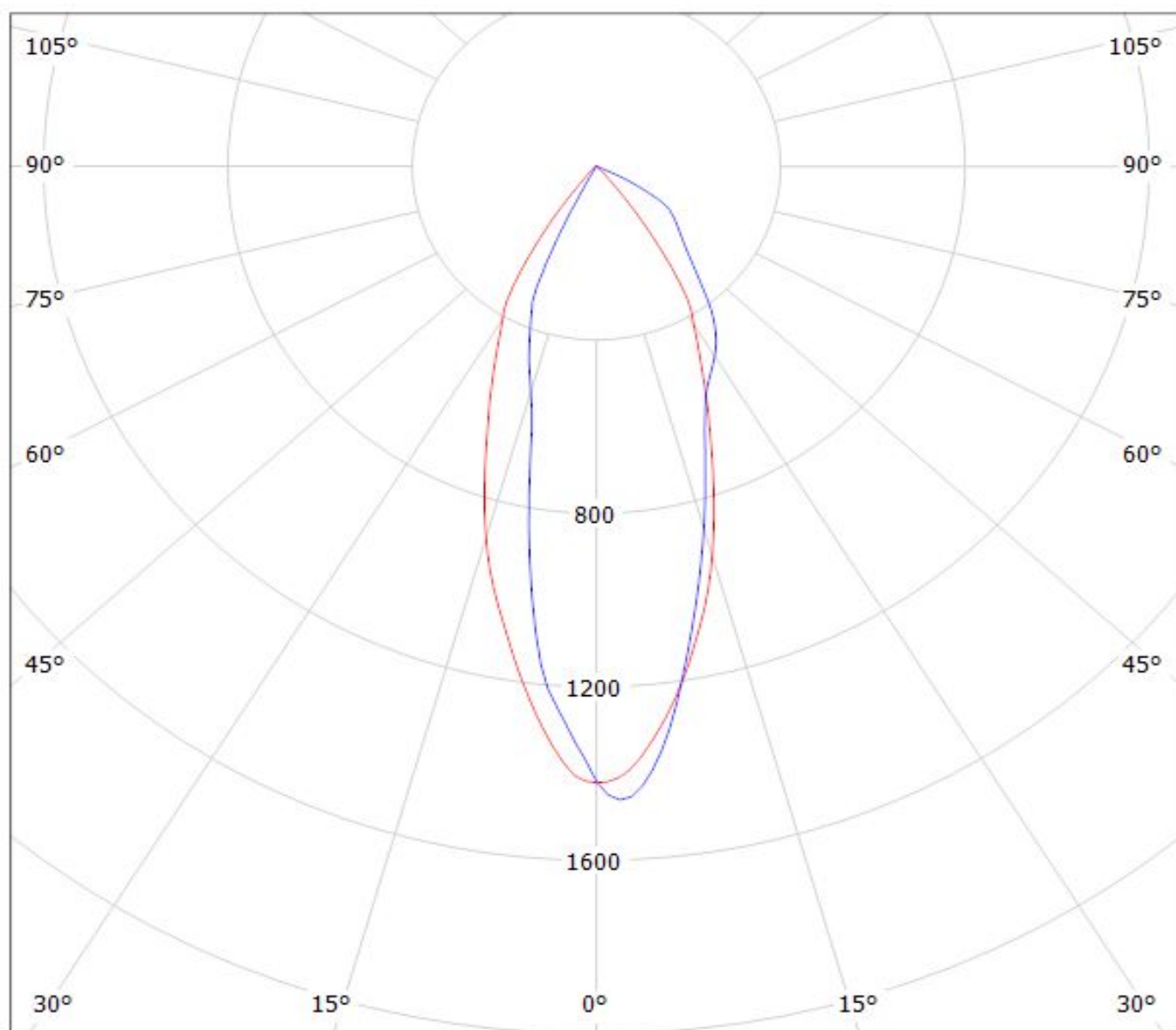


cd/klm

— C0 - C180

— C90 - C270

Luminaire: LEDiL Oy C14346\_ANGELETTE-WAS\_(Fortimo LED SLM L13 G4)  
Lamps: 1 x Fortimo LED SLM L13 G4\_1110.38lm@250mA\_P=8.38454W\_I=0.2498A

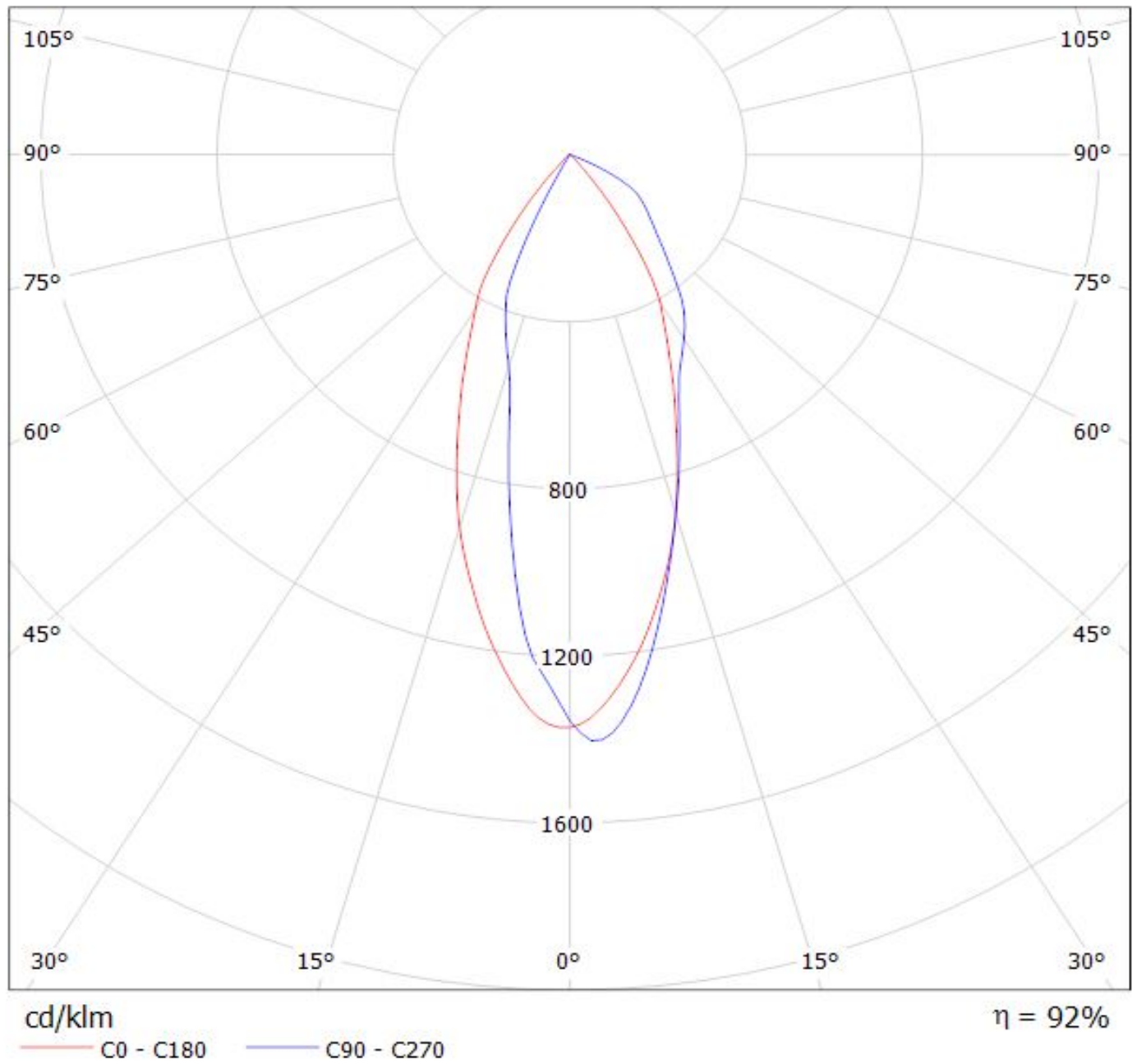


cd/klm

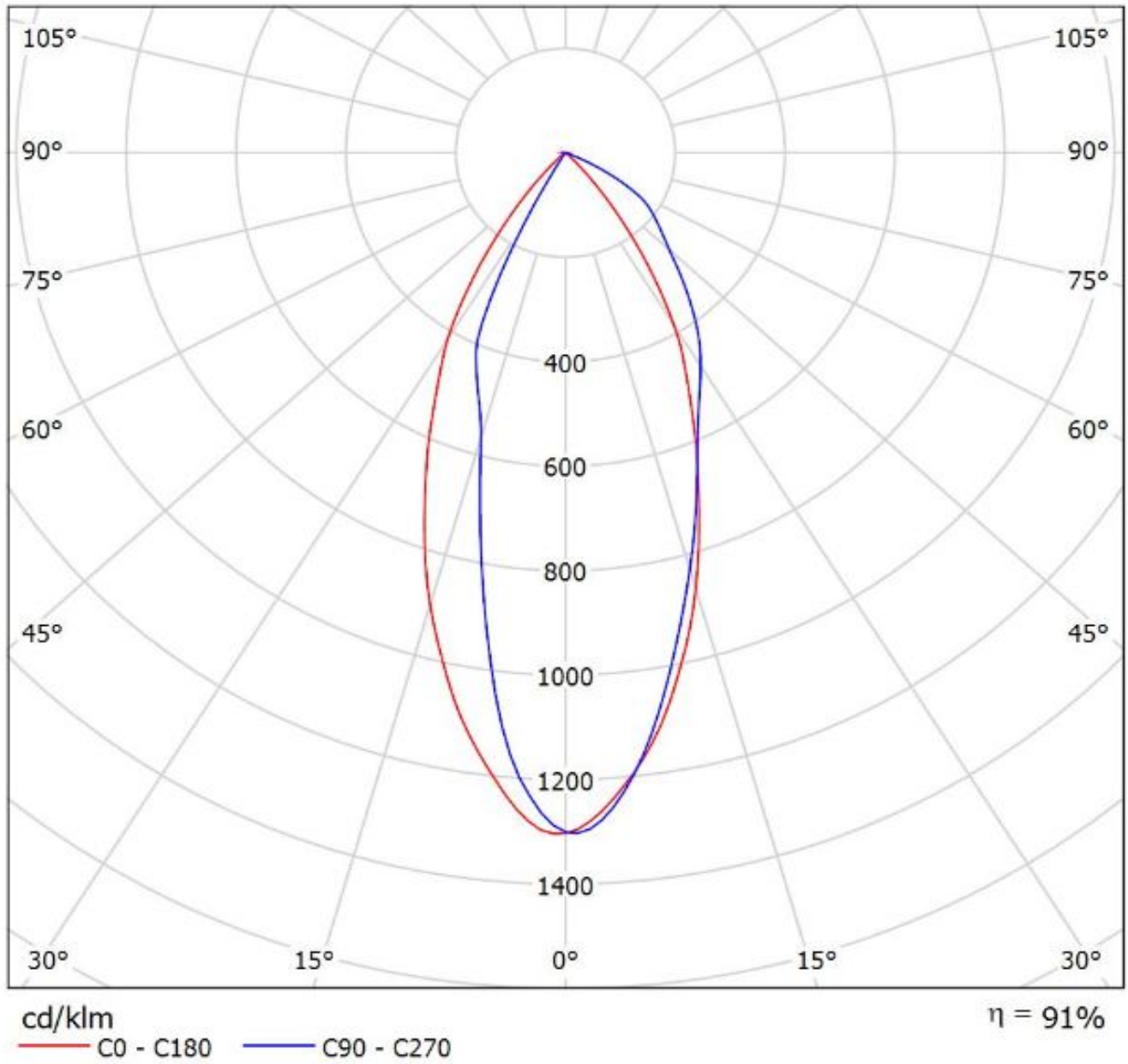
— C0 - C180    — C90 - C270

$\eta = 92\%$

Luminaire: LEDiL Oy C14346\_ANGELETTE-WAS\_(Fortimo LED SLM L15 G4)  
Lamps: 1 x Fortimo LED SLM L15 G4\_1116.47lm@250mA\_P=8.21168W\_I=0.2498A

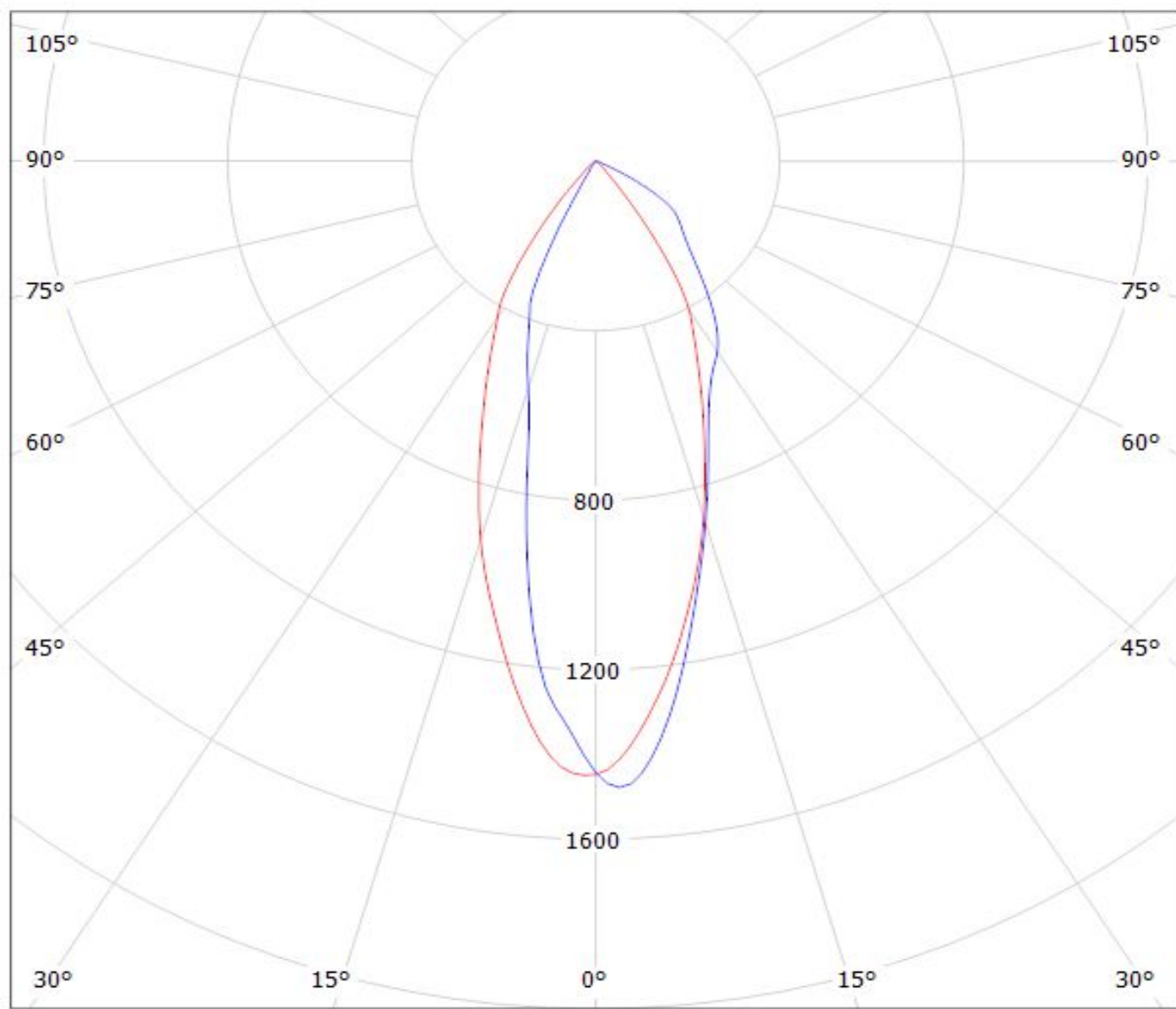


Luminaire: LEDiL Oy C14346\_ANGELETTE-WAS\_(Fortimo LED SLM L19 G4)  
Lamps: 1 x Fortimo LED SLM L19 G4\_1114.89lm@250mA\_P=8.04906W\_I=0.2498A



Luminaire: LEDiL Oy C14346\_ANGELETTE-WAS\_(CLL030)

Lamps: 1 x Citizen\_CLL030\_(CLL030-1206A1-303M1A2)\_987.919lm@250mA\_P=8.43649W\_I=249.8mA



cd/klm

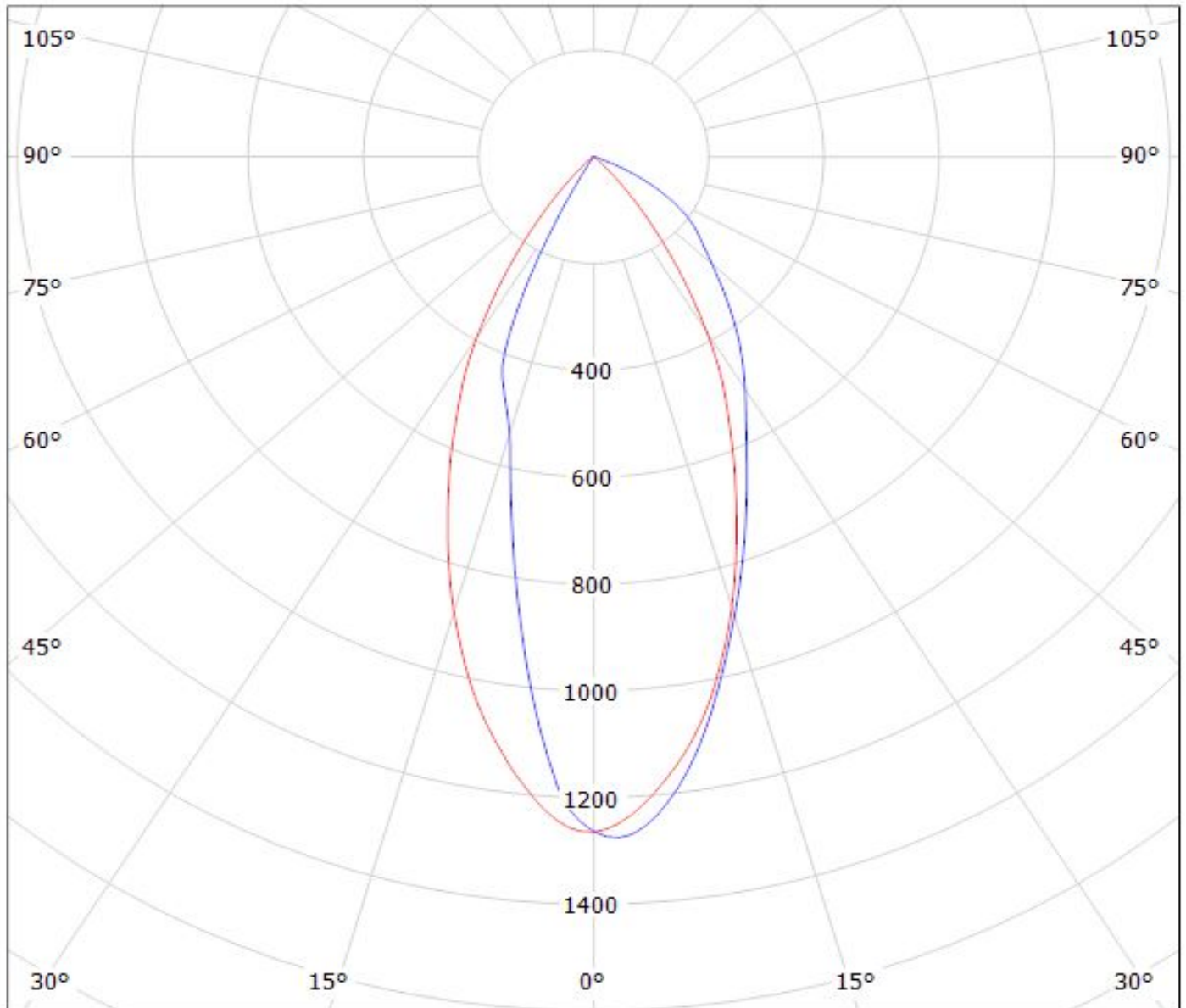
— C0 - C180

— C90 - C270

$\eta = 91\%$

Luminaire: LEDiL Oy C14346\_ANGELETTE-WAS\_(SLE\_G4\_LES23)

Lamps: 1 x Tridonic\_SLE\_G4\_LES23\_1354.57lm@250mA\_P=8.18744W\_I=0.2498A



cd/klm

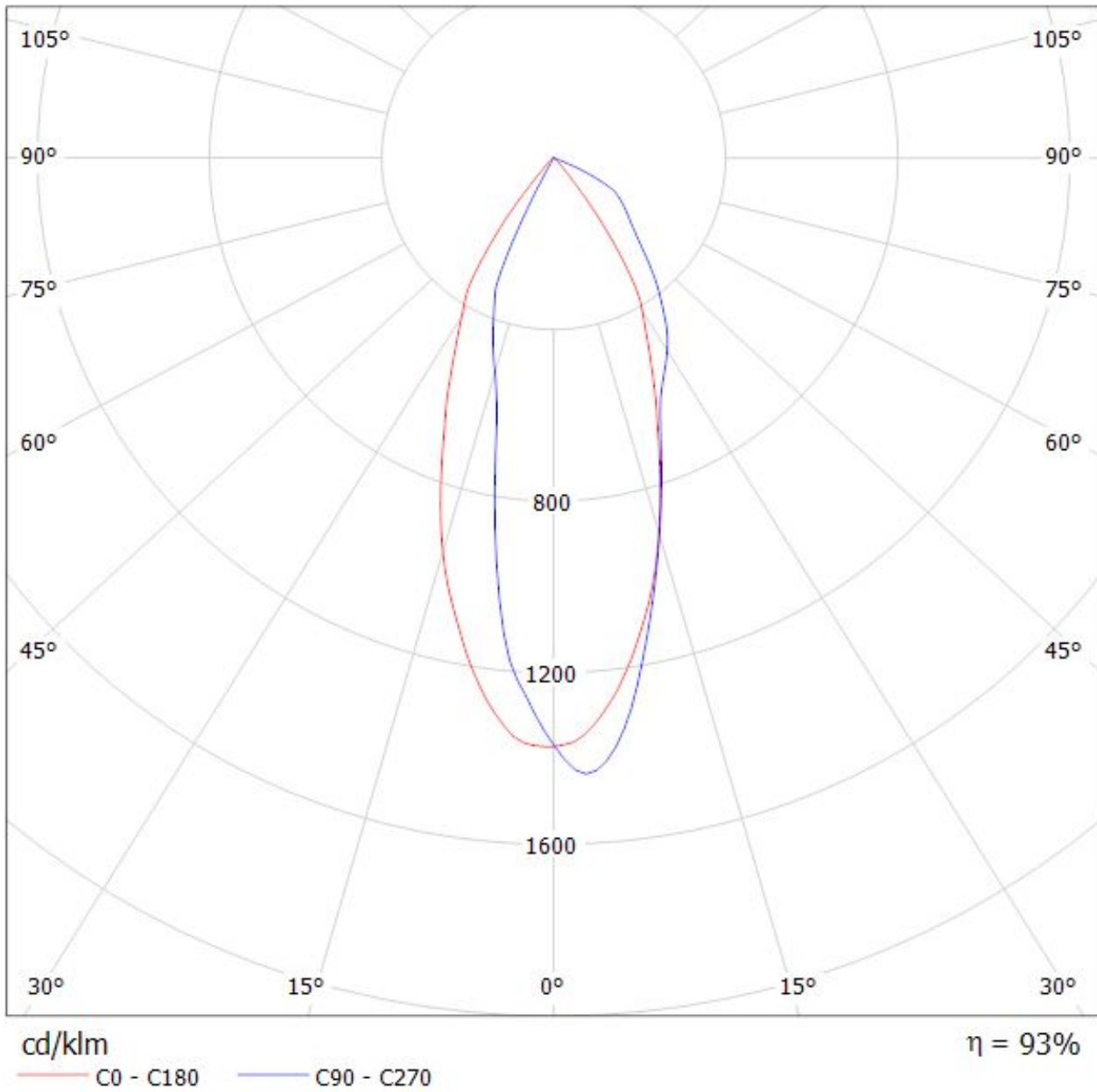
— C0 - C180

— C90 - C270

$\eta = 93\%$

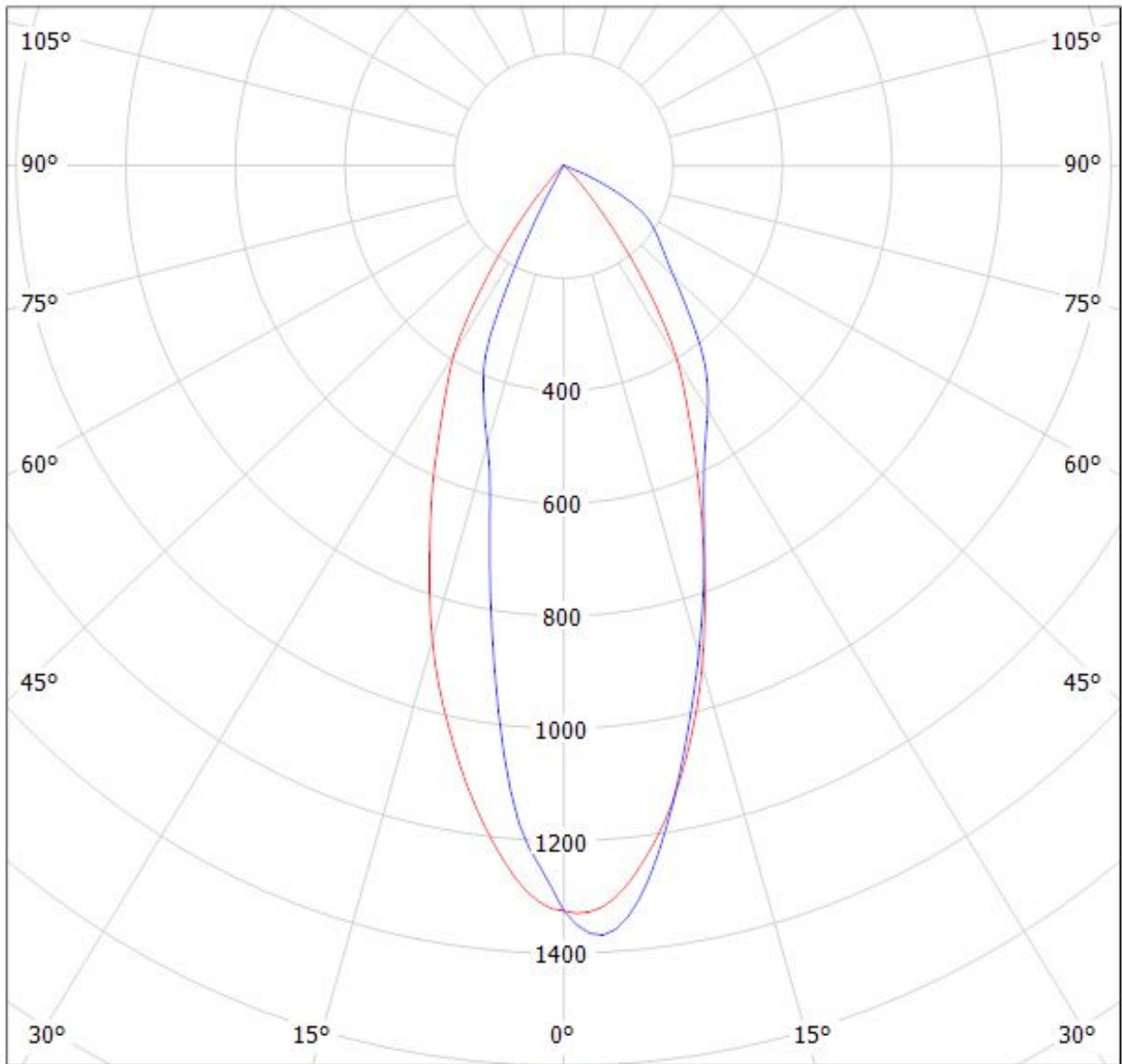
Luminaire: LEDiL Oy C14346\_ANGELETTE-WAS\_(Soleriq\_S13)

Lamps: 1 x Osram\_Soleriq\_S13\_(GW\_KAGHB1.EM)\_875.214lm@250mA\_P=7.44679W\_I=250mA



Luminaire: LEDiL Oy C14346\_ANGELETTE-WAS\_(Soleriq\_S19)

Lamps: 1 x Osram\_Soleriq\_S19\_(GW\_KAHJB1.EM)\_1398.33lm@250mA\_P=10.573W\_I=250mA



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.
- Reflector is made of aluminium coated PC (120 degrees of Celcius / 248 degrees of Fahrenheit) with protective lacquer (short term 100 degrees of Celcius / 212 degrees of Fahrenheit).

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.