

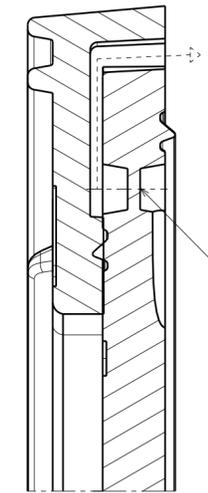
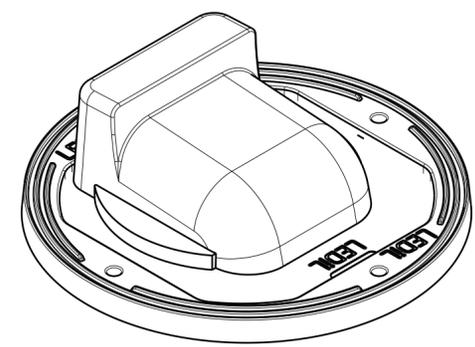
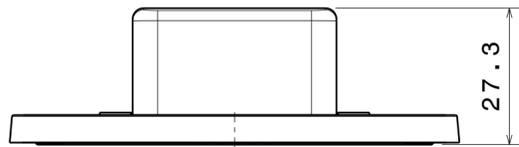
## DETAILS

<b>Product Number</b>	FN14645_STELLA-T4
<b>Family</b>	STELLA
<b>Type</b>	Lens
<b>Color</b>	black
<b>Diameter</b>	90 mm
<b>Height</b>	26,9 mm
<b>Style</b>	round
<b>Optic Material</b>	Silicone
<b>Holder Material</b>	PA66GF30
<b>Fastening</b>	screw
<b>Status</b>	production ready
<b>ROHS Compliant</b>	Yes
<b>Date Updated</b>	5/04/2016



## OPTICAL PROPERTIES

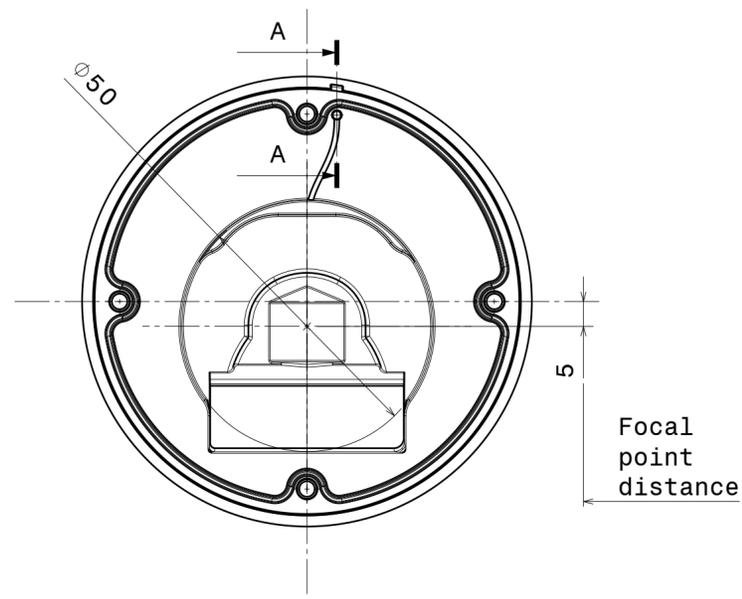
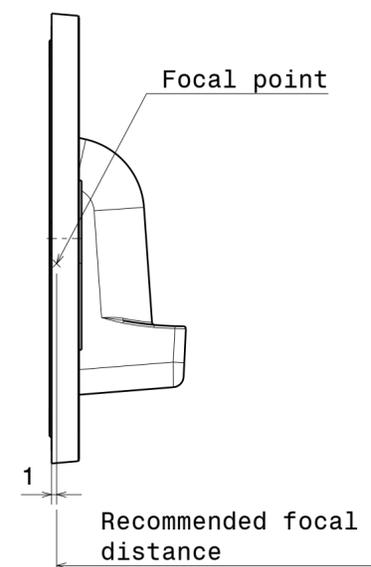
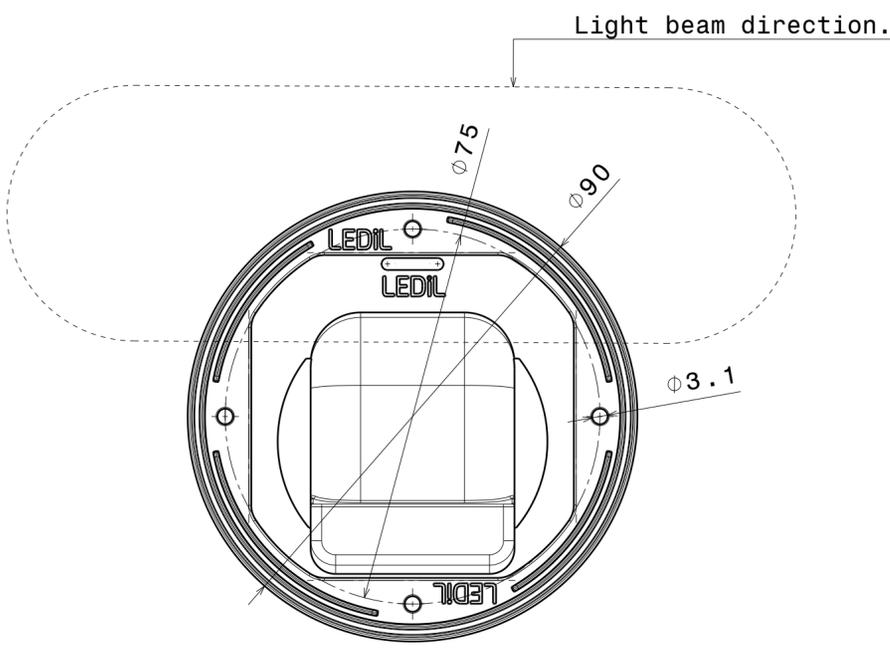
LED	Viewing Angle	Light Beam	Efficiency	cd/lm	Connector
VERO18	sim: Asymmetric	Streetlight...	sim: 91 %	sim: 0.000	-
CLL03x/CLU03x	sim: Asymmetric	Streetlight...	sim: 93 %	sim: 0.000	-
CXA/B 25xx	sim: Asymmetric	Streetlight...	sim: 92 %	sim: 0.000	-
CXA/B 1830	sim: Asymmetric	Streetlight...	sim: 93 %	sim: 0.000	-
Soleroq P9	asymmetric deg	Streetlight...	94 %	0.710	-
CXA/B 30xx	sim: Asymmetric	Streetlight...	-	sim: 0.000	-
CXM-14	asymmetric deg	Streetlight...	94 %	0.500	-
CXM-18	asymmetric deg	Streetlight...	94 %	0.500	-
Soleroq S13	asymmetric deg	Streetlight...	93 %	0.530	-
Soleroq P13	asymmetric deg	Streetlight...	93 %	0.490	-
Soleroq S19	asymmetric deg	Streetlight...	93 %	0.490	-
LUXEON CoB 1211	Asymmetric deg	Streetlight...	92 %	0.500	-
LUXEON CoB 1208	Asymmetric deg	Streetlight...	93 %	0.500	-
SLE G5 LES15	Asym deg	Streetlight...	91 %	0.500	-



Venting pipe:  
Piercing this membrane  
will Allow lens breathing

Isometric view  
Scale: 1:1

Section view A-A  
Scale: 5:1



NOTE: Maximum recommended tightening torque for STELLA-FRAME is 0,4Nm

INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	F14514	STELLA-T4	Optical grade LSR	
2	C13322	STELLA-FRAME	PA	black

Tolerances if not otherwise shown  
According to DIN ISO 2768-1  
Linear measures: class V  
Please note that due to the elasticity of  
products made of silicone actual measured  
values may vary, and therefore typical  
tolerance values may not be applied.

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

THIRD ANGLE PROJECTION:

DRAWING TITLE  
**STELLA-T4 datasheet**

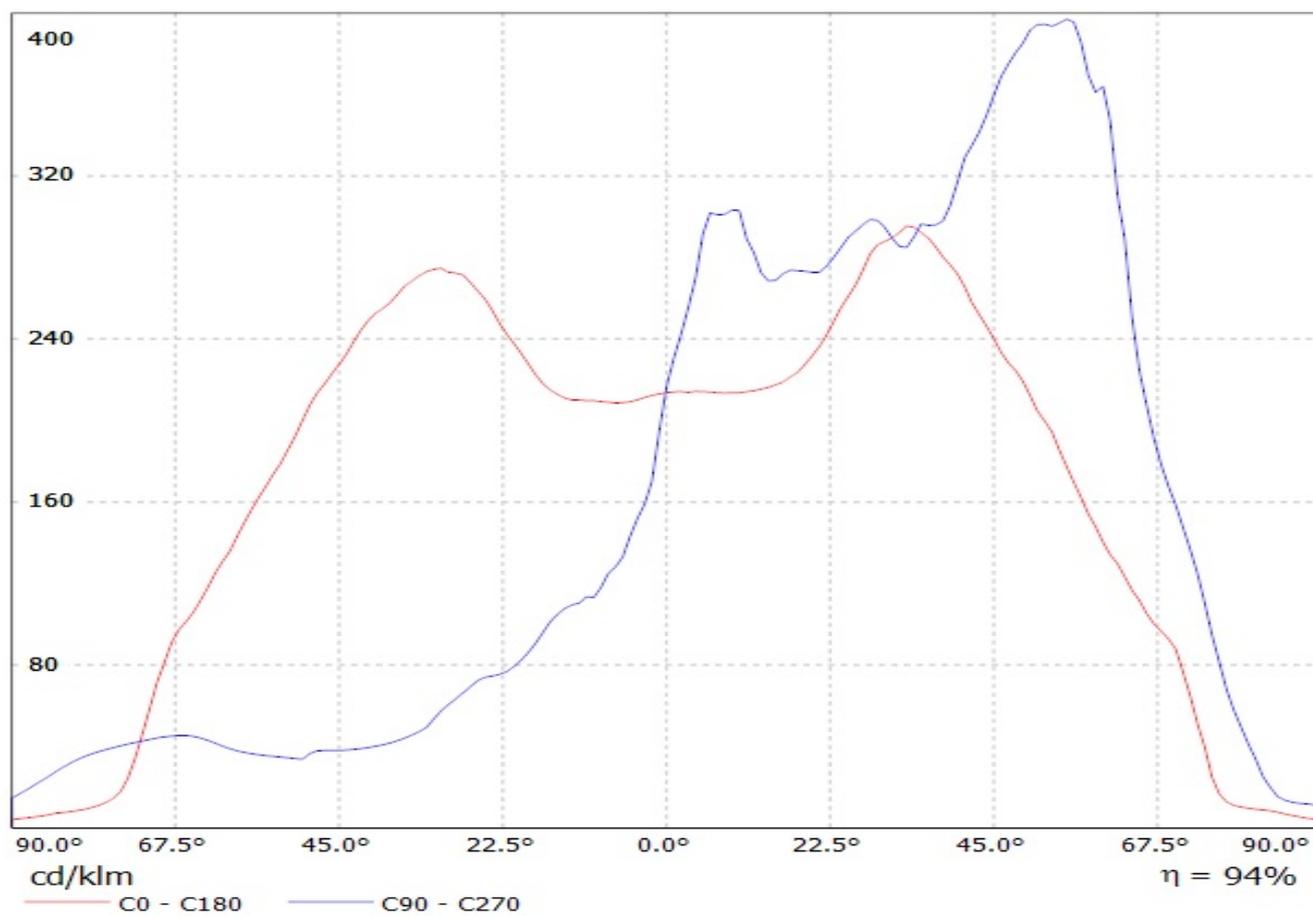
This drawing is the property  
of LEDiL Oy. It may not be  
reproduced, copied or  
communicated without a written  
agreement with LEDiL Oy.

SIZE	PART NUMBER
A2	FN14645

SCALE	1:1	WEIGHT	-	SHEET	1/1
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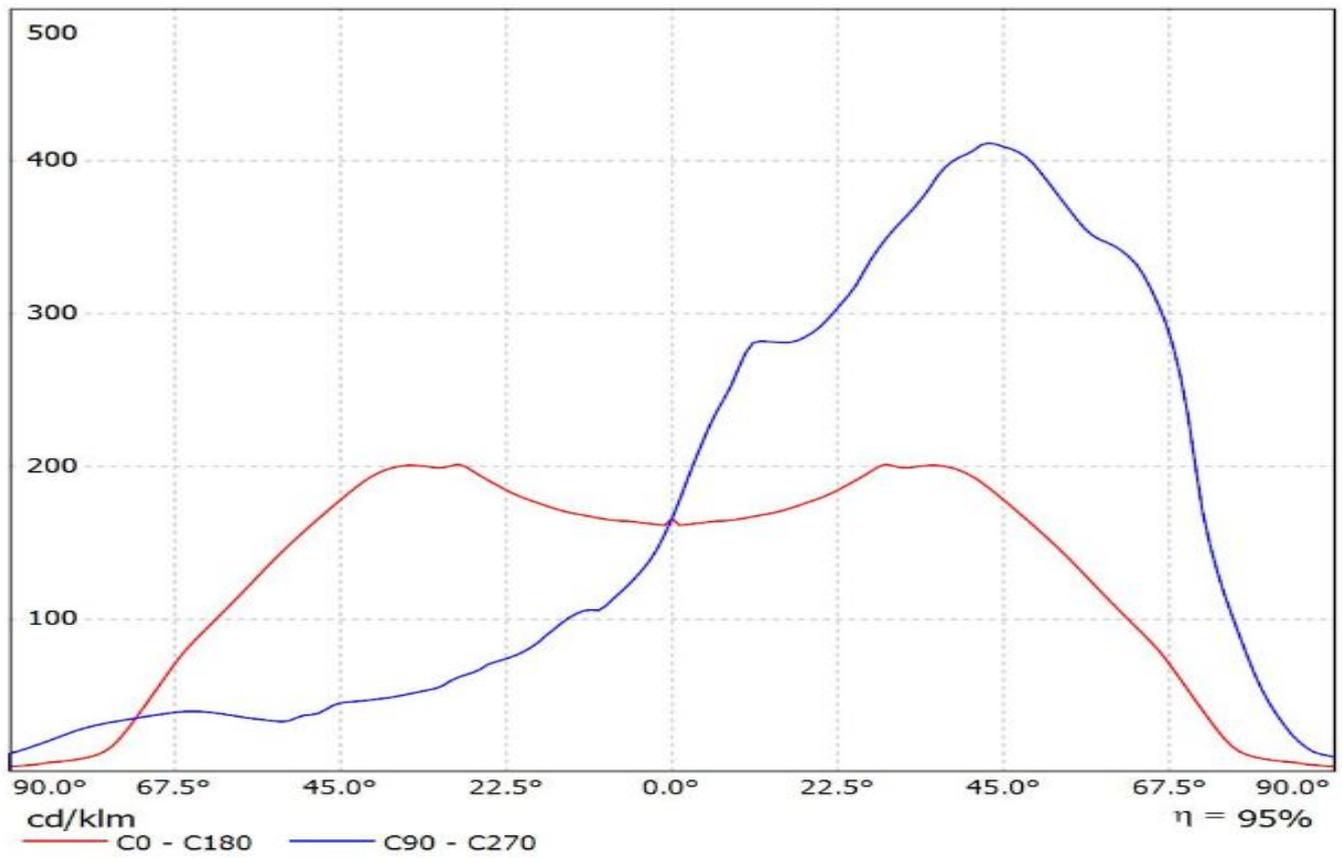
Luminaire: LEDiL Oy FN14645\_STELLA-T4\_(Soleriq\_P9)

Lamps: 1 x Osram\_Soleriq\_P9\_(GW\_MAFJB1.EM)\_883.856lm@250mA\_CCT=4372K\_P=6.86301W\_I=0.2498A



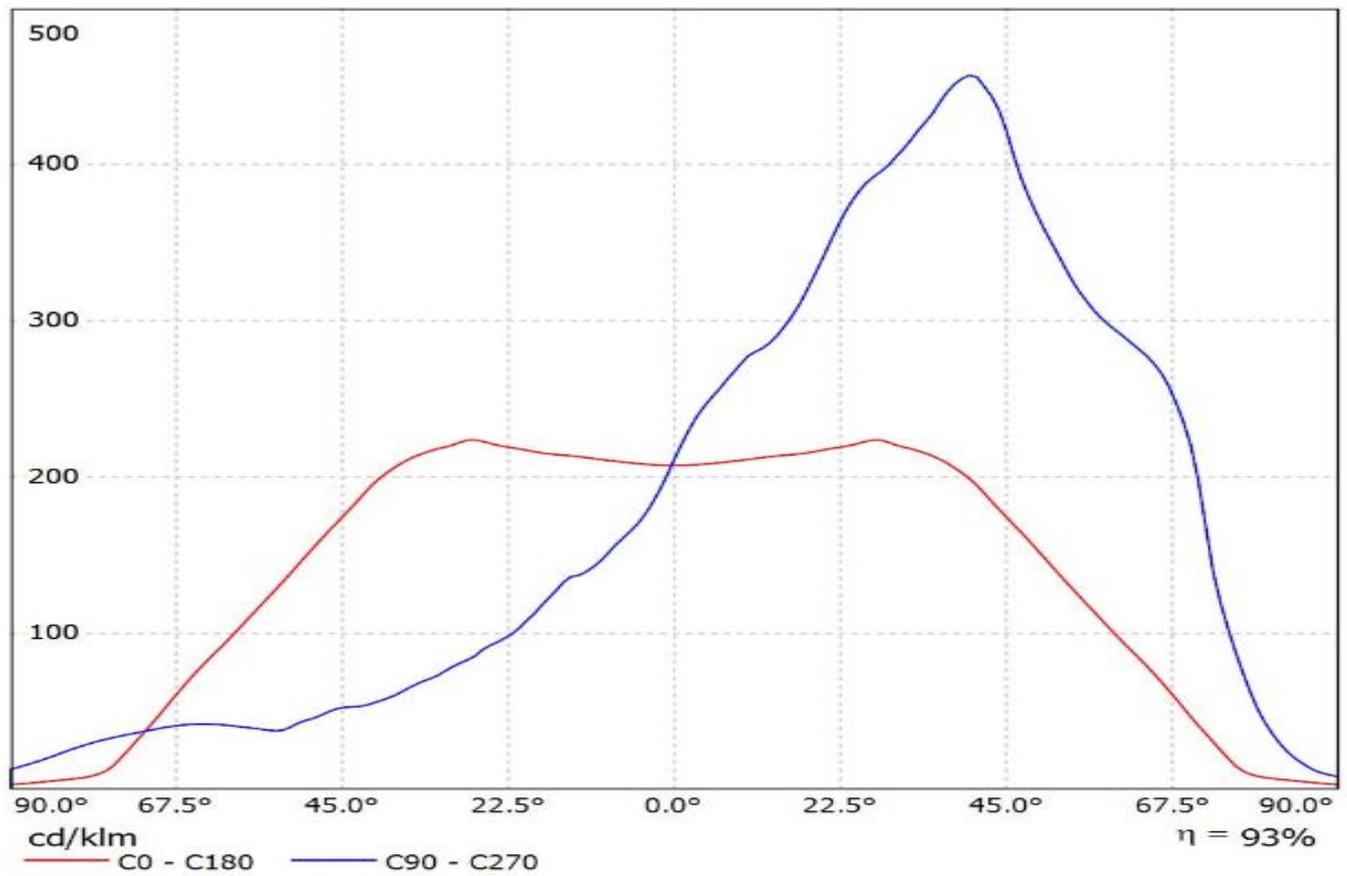
Luminaire: Ledil FN14645\_STELLA-T4\_(CXM-14)

Lamps: 1 x Luminus\_XNOVA-CXM-14\_1156.79lm@250mA\_U=8.3W\_I=0.25A



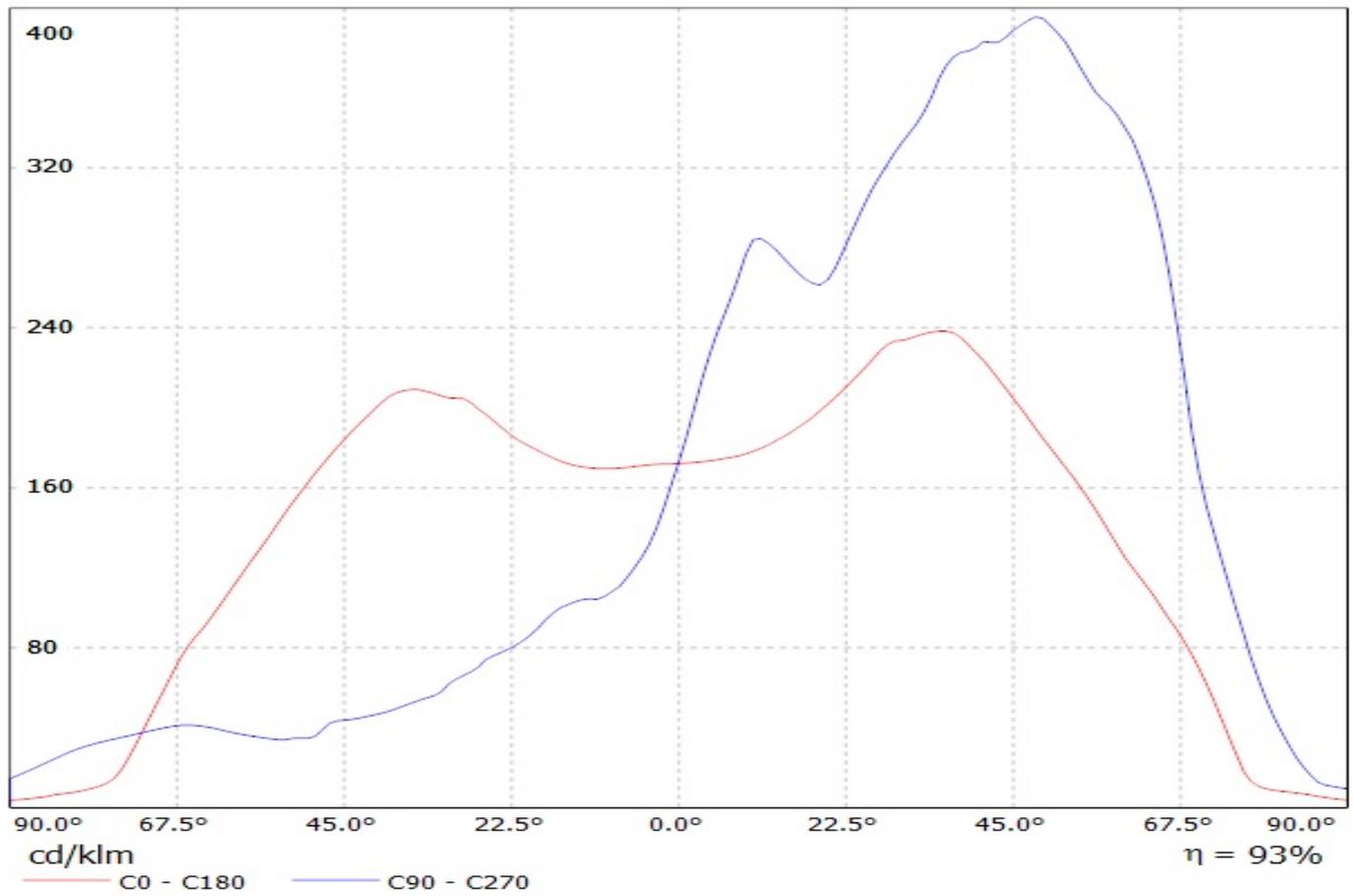
Luminaire: Ledil FN14645\_STELLA-T4\_(CXM-18)

Lamps: 1 x Luminus\_XNOVA-CXM-18\_921.635lm@250mA\_U=8.12W\_I=0.25A



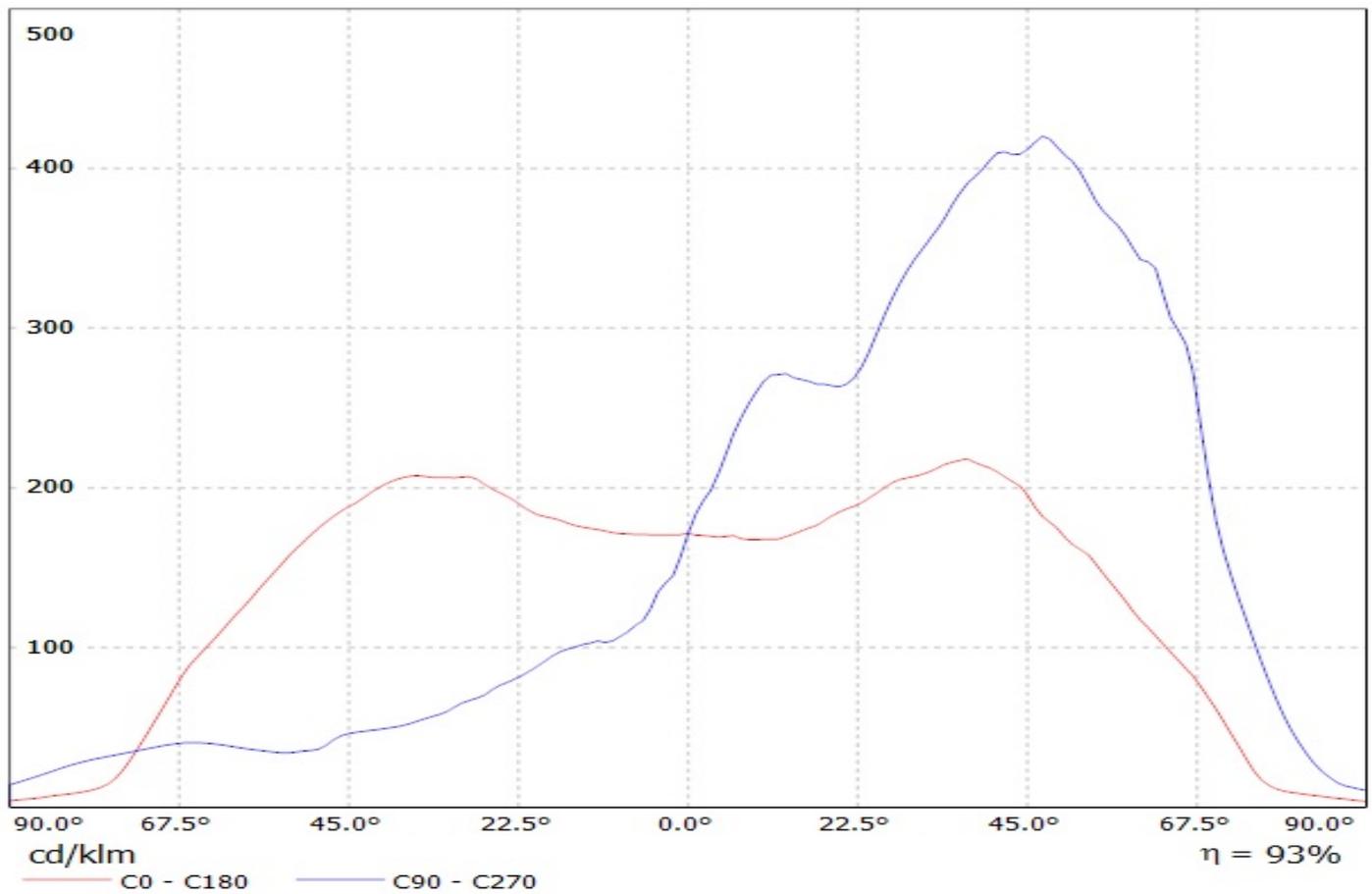
Luminaire: LEDiL Oy FN14645\_STELLA-T4 (Soleriq\_S13)

Lamps: 1 x Osram\_Soleriq\_S13\_(GW\_KAGHB1.EM)\_867.588lm@250mA\_P=7.35456W\_I=0.2499A



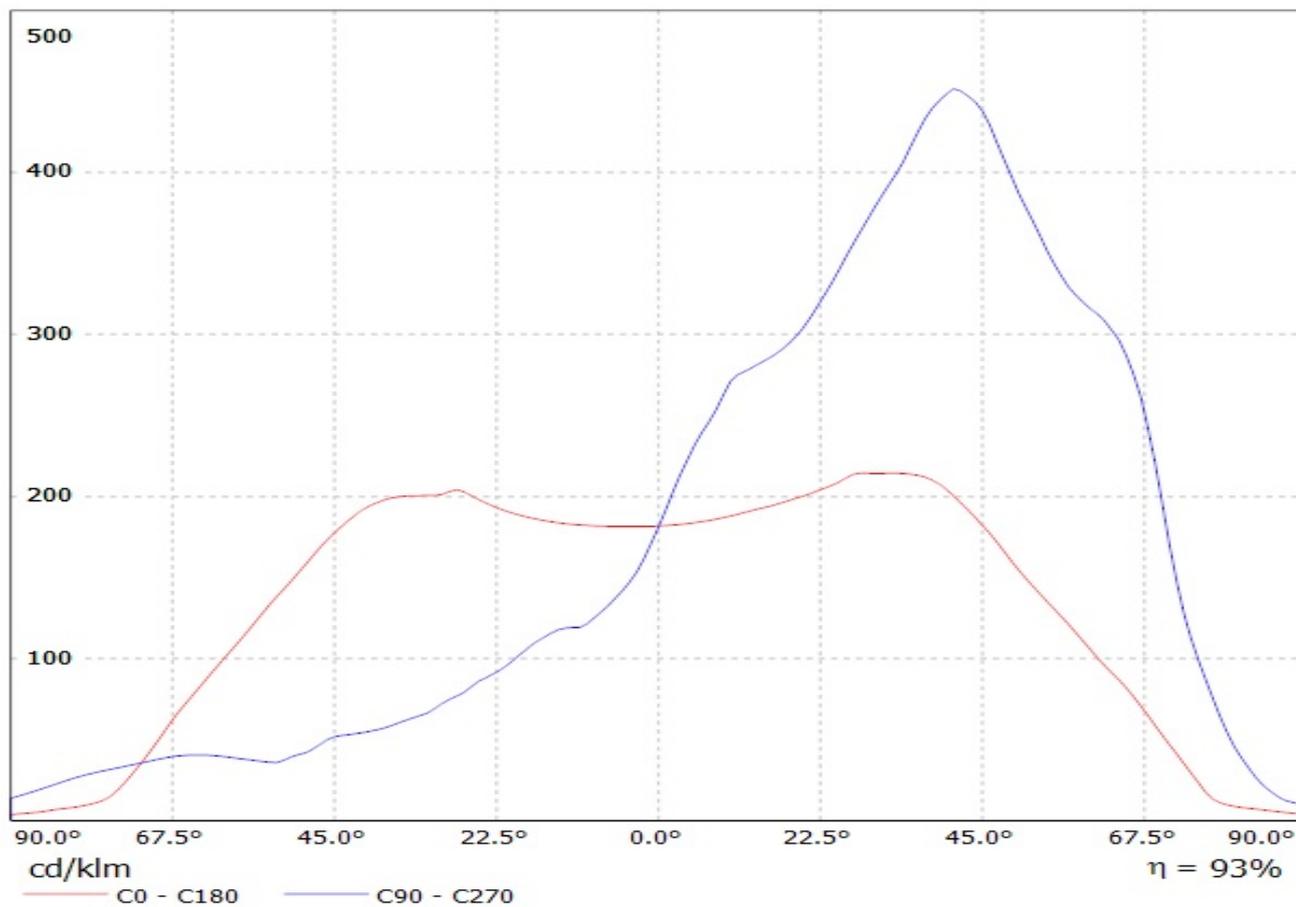
Luminaire: LEDiL Oy FN14645\_STELLA-T4\_(Soleriq\_P13)

Lamps: 1 x Osram\_Soleriq\_P13\_(GW\_MAGMB1.EM)\_935.757lm@250mA\_P=8.73875W\_I=0.2498A



Luminaire: LEDiL Oy FN14645\_STELLA-T4\_(Soleriq\_S19)

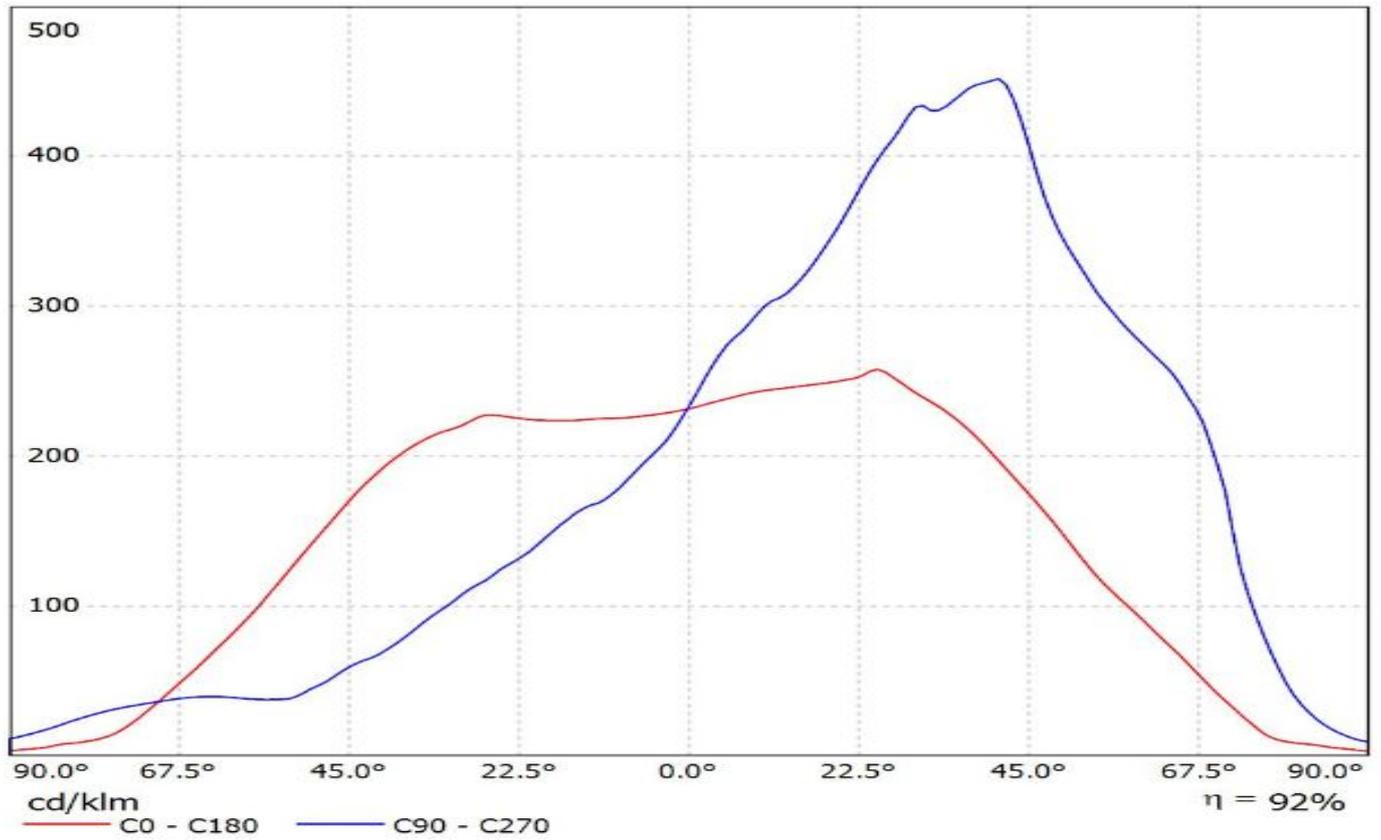
Lamps: 1 x Osram\_Soleriq\_S19\_(GW\_KAHJB1.EM)\_1411.38lm@250mA\_CCT=4372K\_P=10.4361W\_I=0.2498A



# Ledil FN14645\_STELLA-T4\_(COB1211) / LDC (Linear)

Luminaire: Ledil FN14645\_STELLA-T4\_(COB1211)

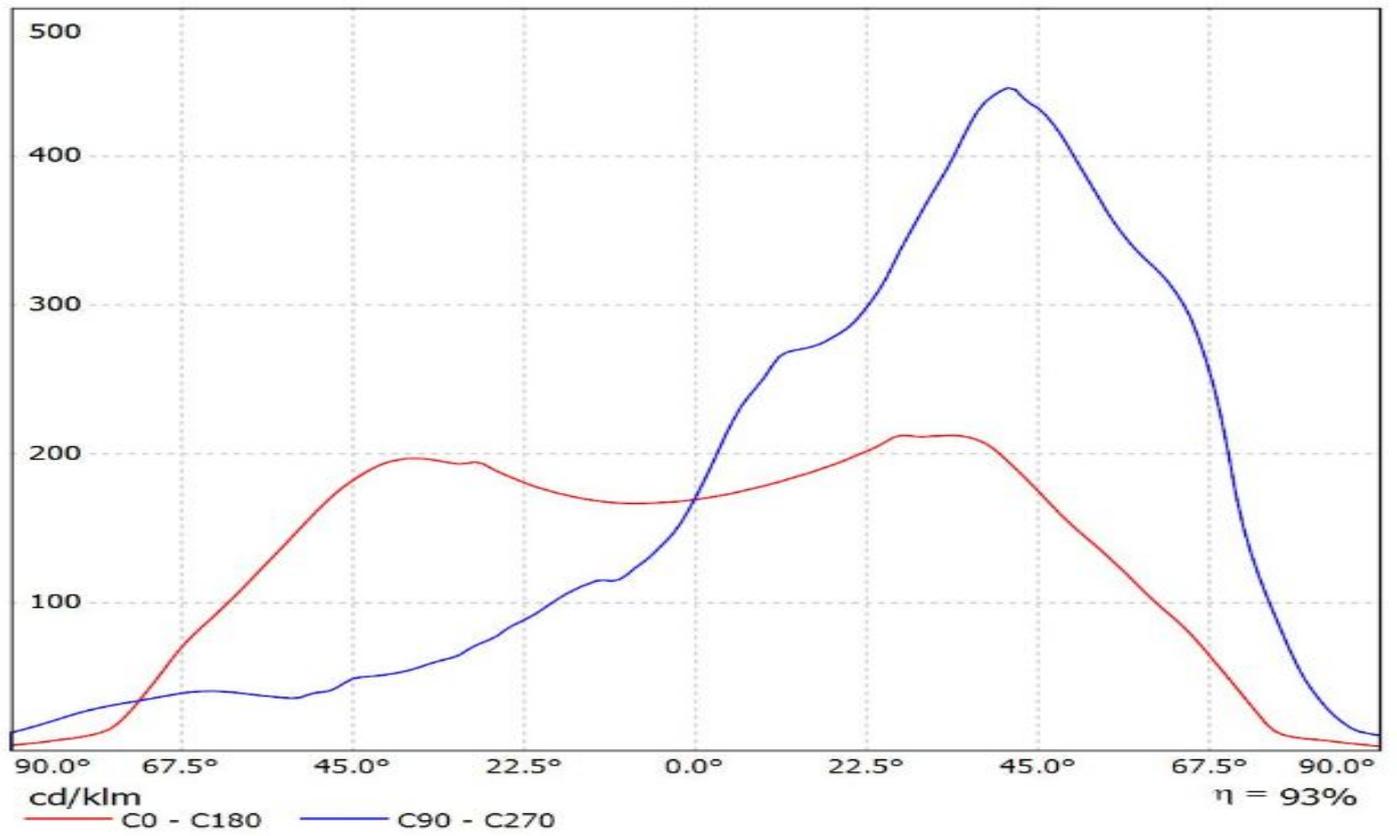
Lamps: 1 x LUXEON\_COB1211\_(LHC1-2790-1211)\_955.193lm@250mA\_CCT=2700K\_P=8W\_I=0.25A



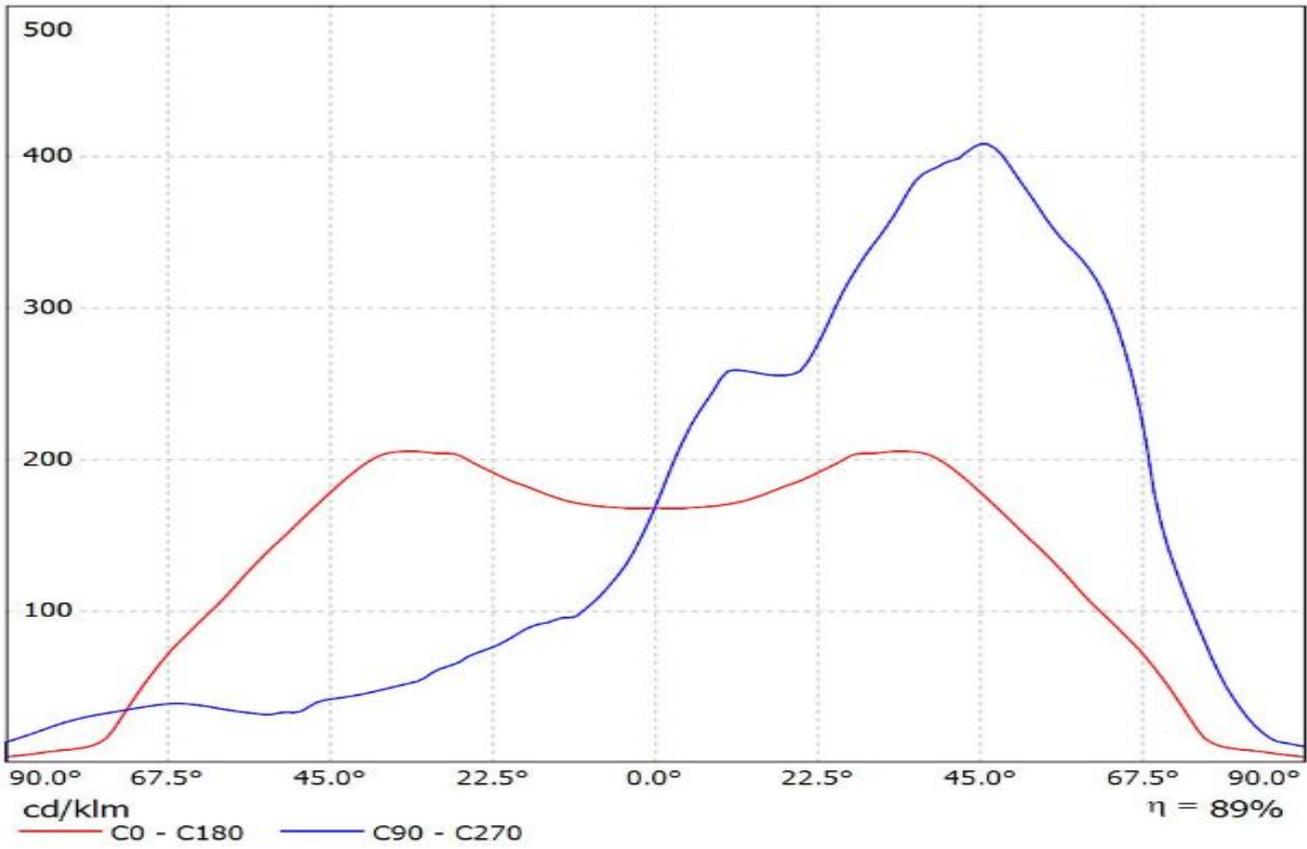
# Ledil FN14645\_STELLA-T4\_(COB1208) / LDC (Linear)

Luminaire: Ledil FN14645\_STELLA-T4\_(COB1208)

Lamps: 1 x LUXEON\_COB1208\_(LHC1-3090-1208)\_1100.7lm@250mA\_CCT=3215K\_P=8.3W\_I=0.25A

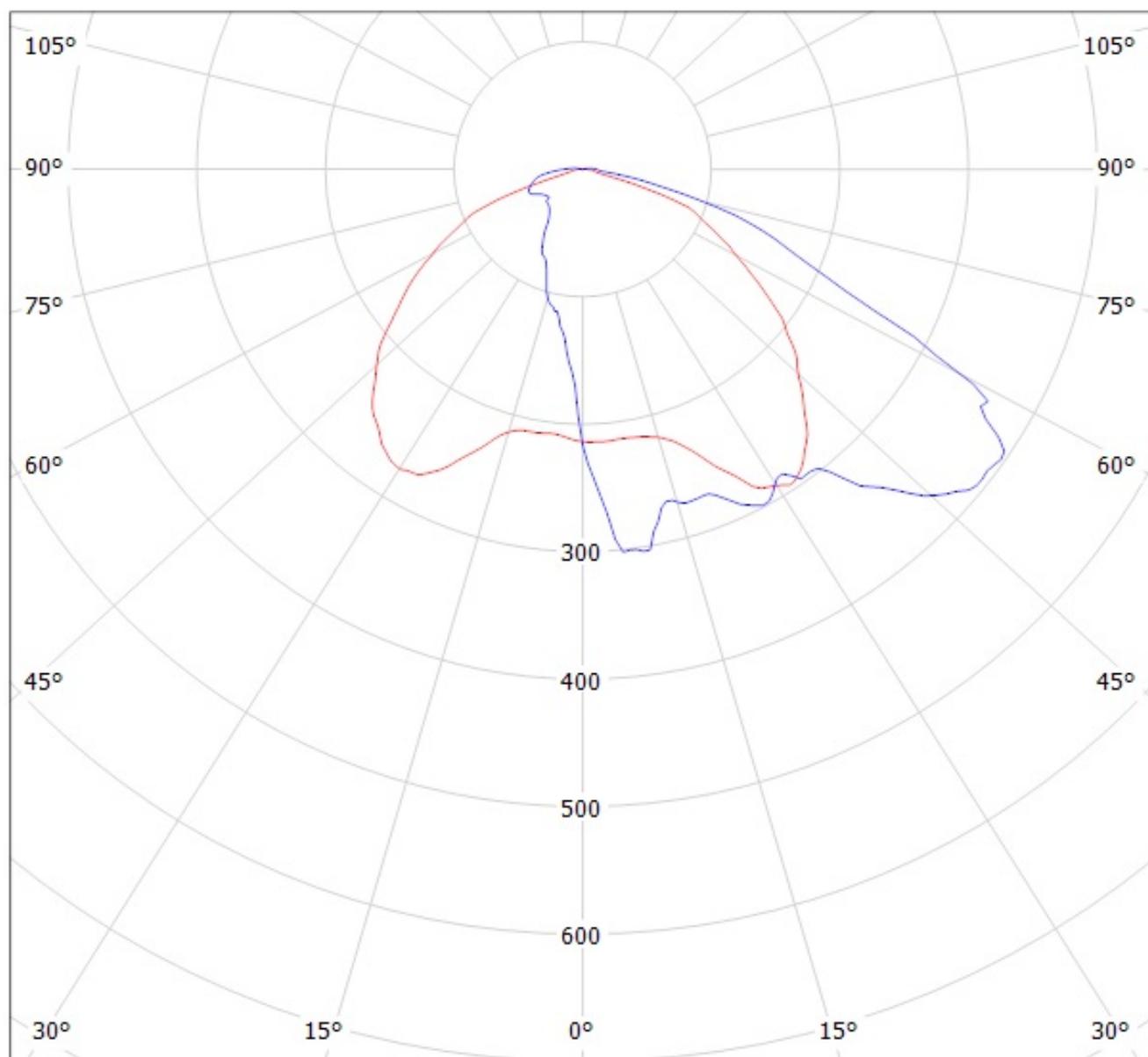


Luminaire: LEDiL Oy FN14645\_STELLA-T4\_(SLE-G5\_LES-15)  
Lamps: 1 x Tridonic\_SLE-G5\_LES-15\_1280.24lm@250mA\_P=8.6273W\_I=0.250A



Luminaire: LEDiL Oy FN14645\_STELLA-T4\_(Soleriq\_P9)

Lamps: 1 x Osram\_Soleriq\_P9\_(GW\_MAFJB1.EM)\_883.856lm@250mA\_CCT=4372K\_P=6.86301W\_I=0.2498A



cd/klm

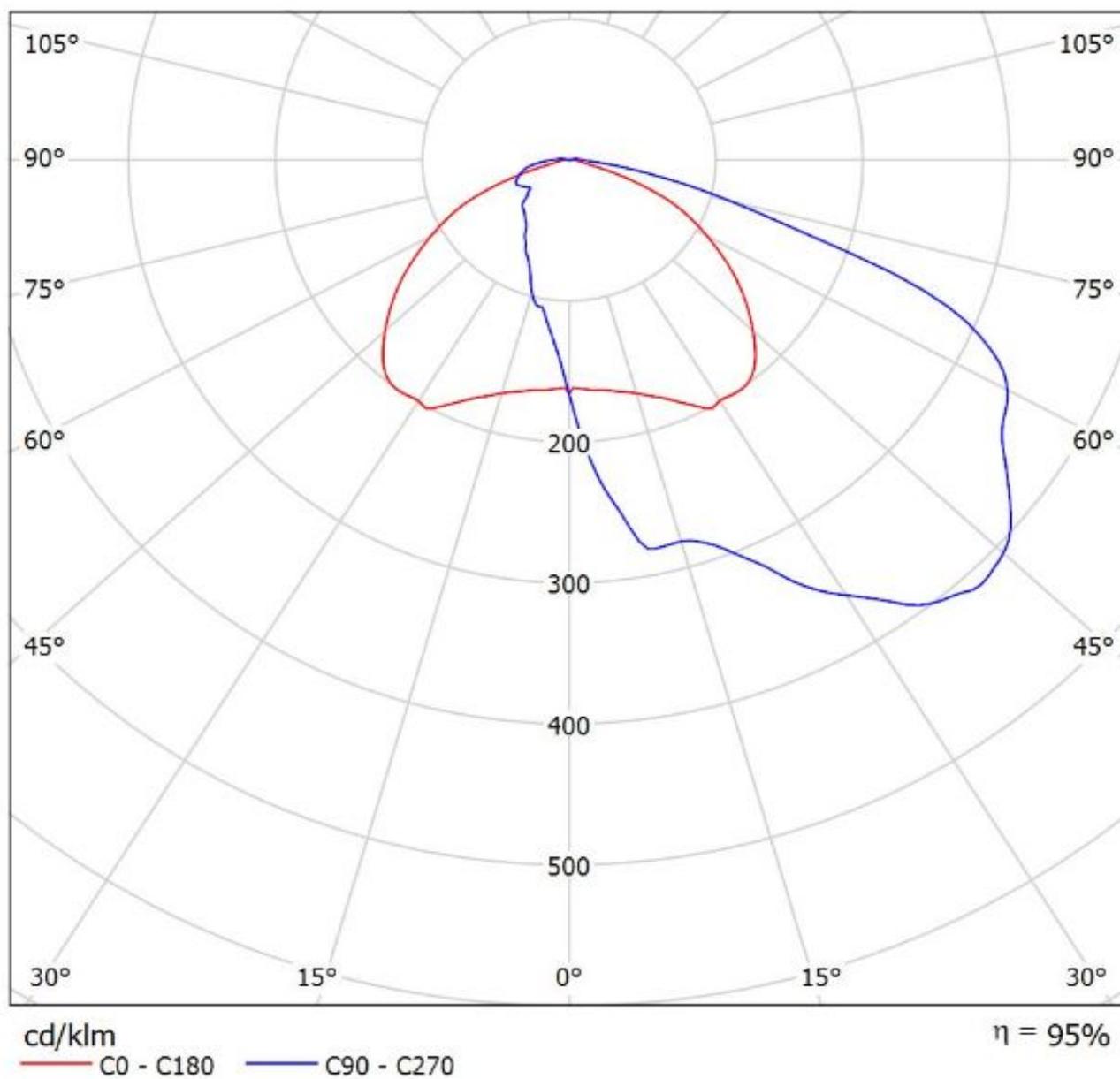
— C0 - C180

— C90 - C270

$\eta = 94\%$

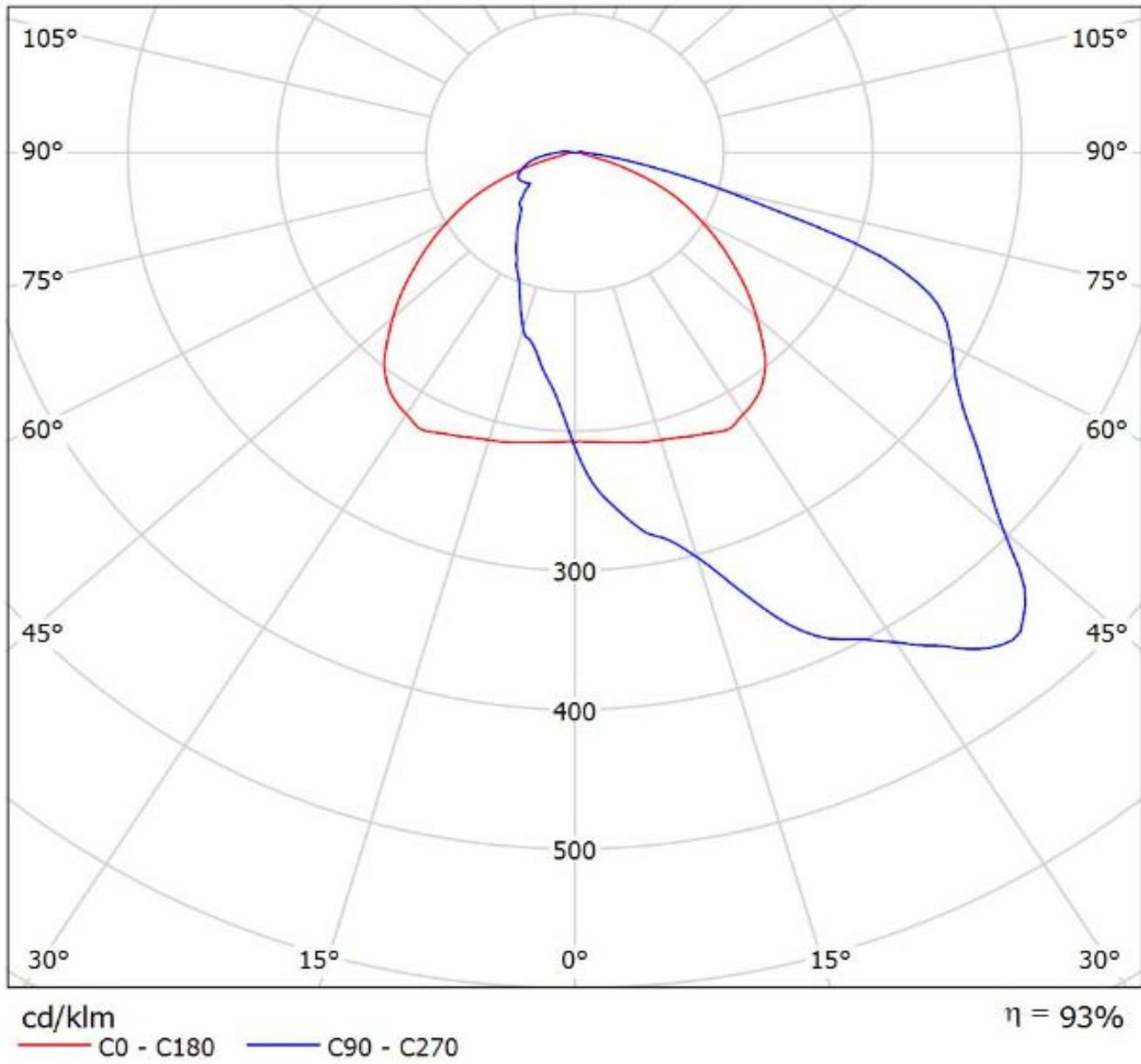
Luminaire: Ledil FN14645\_STELLA-T4\_(CXM-14)

Lamps: 1 x Luminus\_XNOVA-CXM-14\_1156.79lm@250mA\_U=8.3W\_I=0.25A



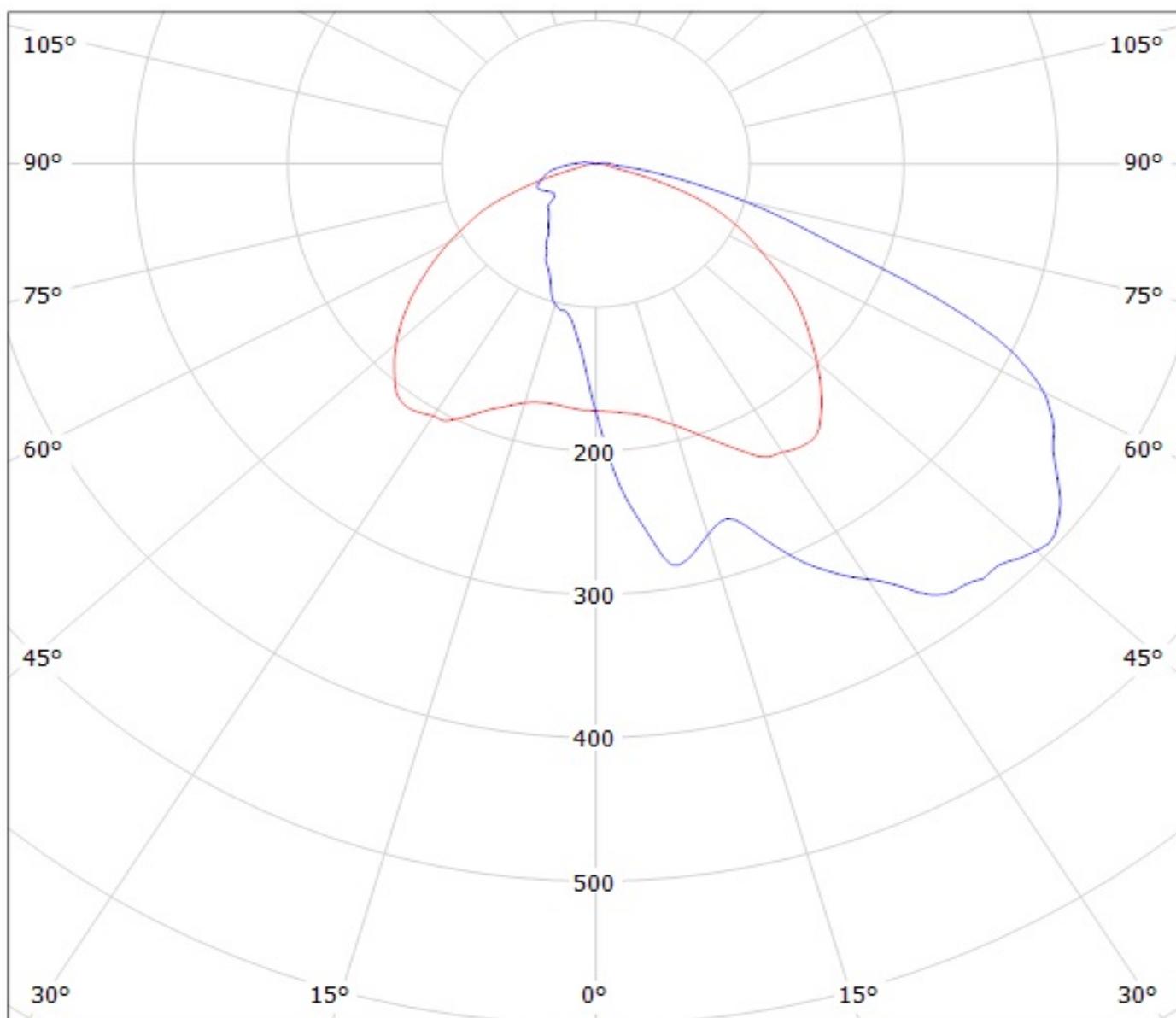
Luminaire: Ledil FN14645\_STELLA-T4\_(CXM-18)

Lamps: 1 x Luminus\_XNOVA-CXM-18\_921.635lm@250mA\_U=8.12W\_I=0.25A



Luminaire: LEDiL Oy FN14645\_STELLA-T4\_(Soleriq\_S13)

Lamps: 1 x Osram\_Soleriq\_S13\_(GW\_KAGHB1.EM)\_867.588lm@250mA\_P=7.35456W\_I=0.2499A



cd/klm

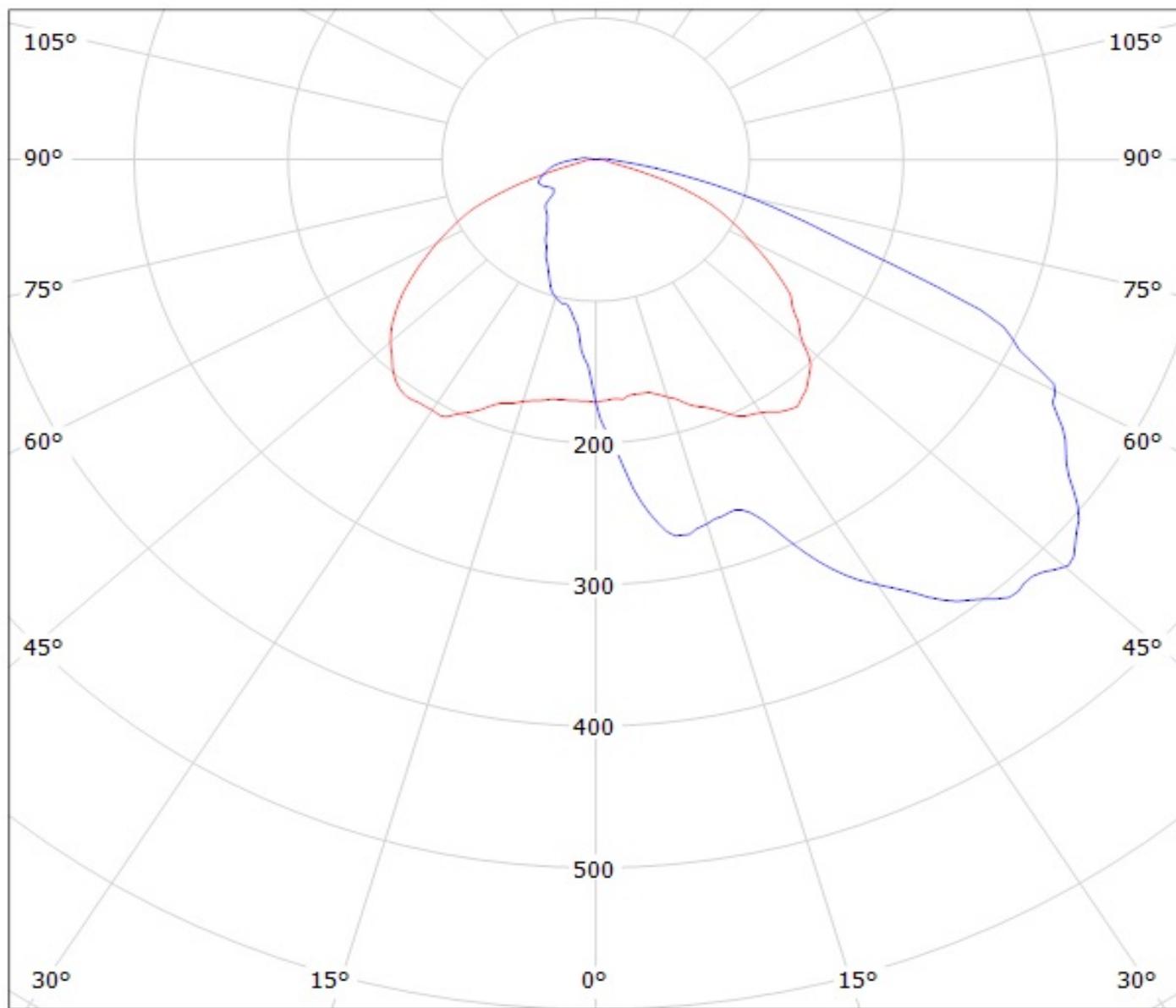
— C0 - C180

— C90 - C270

$\eta = 93\%$

Luminaire: LEDiL Oy FN14645\_STELLA-T4\_(Soleriq\_P13)

Lamps: 1 x Osram\_Soleriq\_P13\_(GW\_MAGMB1.EM)\_935.757lm@250mA\_P=8.73875W\_I=0.2498A



cd/klm

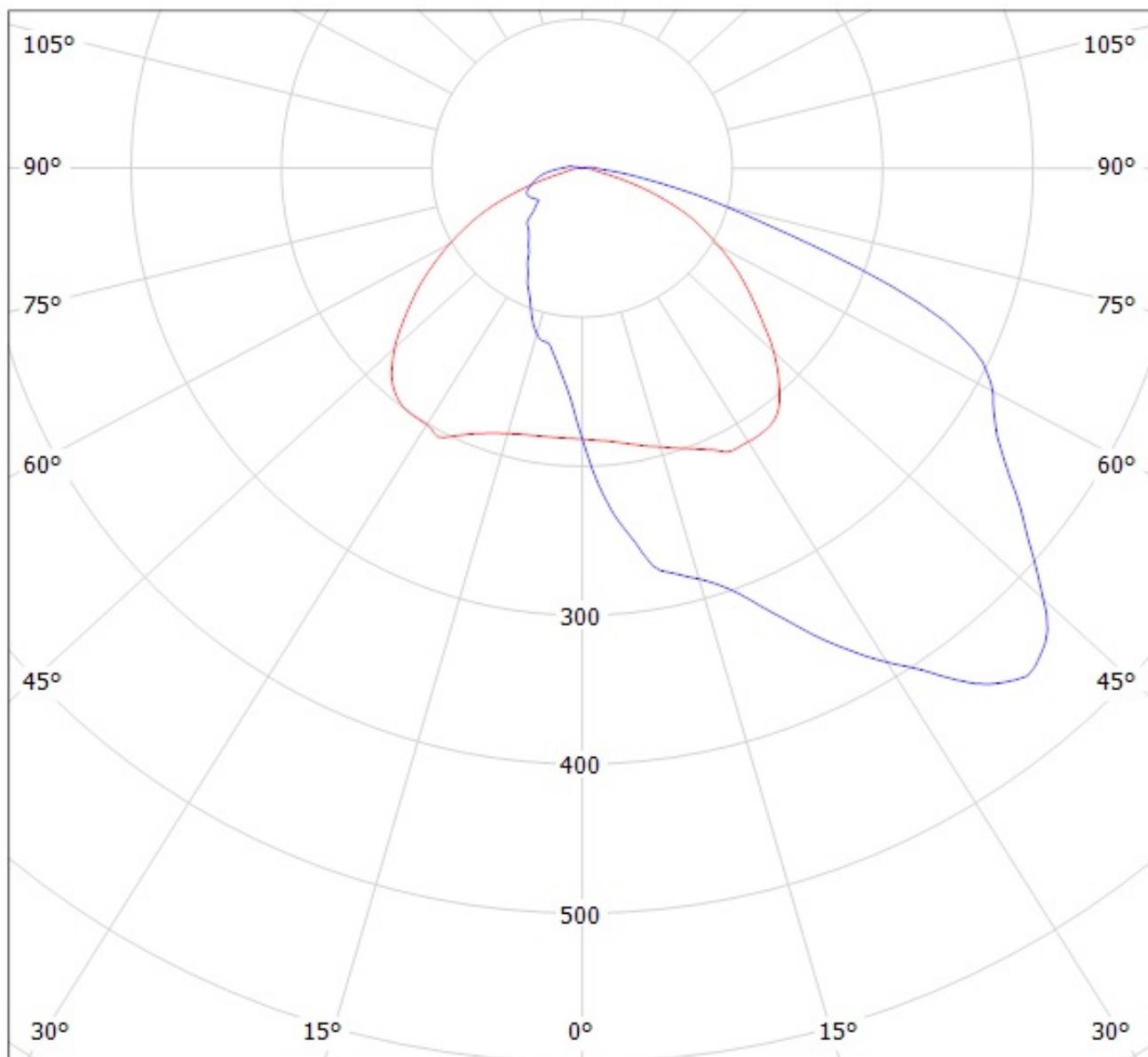
$\eta = 93\%$

— C0 - C180

— C90 - C270

Luminaire: LEDiL Oy FN14645\_STELLA-T4\_(Soleriq\_S19)

Lamps: 1 x Osram\_Soleriq\_S19\_(GW\_KAHJB1.EM)\_1411.38lm@250mA\_CCT=4372K\_P=10.4361W\_I=0.2498A



cd/klm

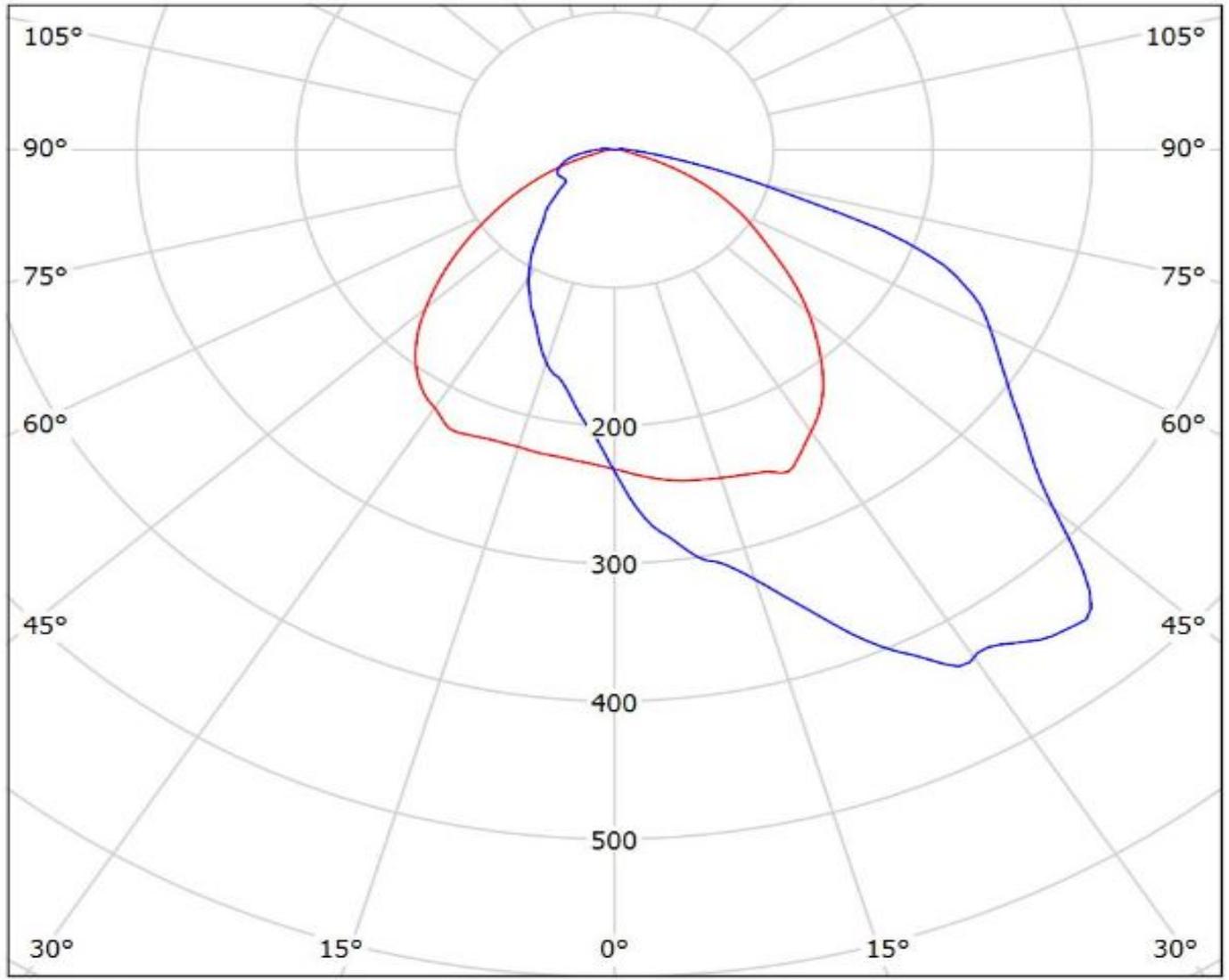
— C0 - C180    — C90 - C270

$\eta = 93\%$

# Ledil FN14645\_STELLA-T4\_(COB1211) / LDC (Polar)

Luminaire: Ledil FN14645\_STELLA-T4\_(COB1211)

Lamps: 1 x LUXEON\_COB1211\_(LHC1-2790-1211)\_955.193lm@250mA\_CCT=2700K\_P=8W\_I=0.25A



cd/klm

— C0 - C180

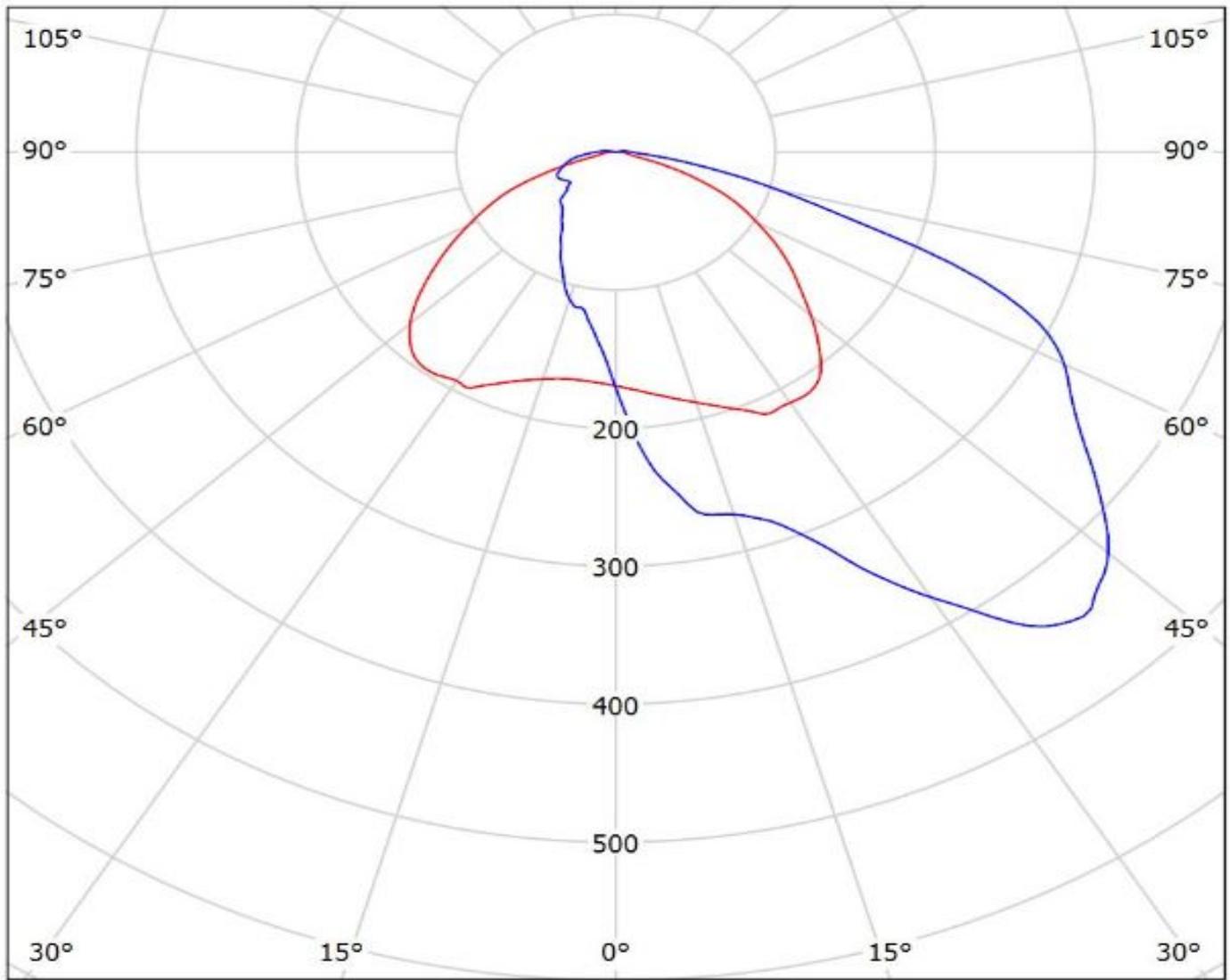
— C90 - C270

η = 92%

# Ledil FN14645\_STELLA-T4\_(COB1208) / LDC (Polar)

Luminaire: Ledil FN14645\_STELLA-T4\_(COB1208)

Lamps: 1 x LUXEON\_COB1208\_(LHC1-3090-1208)\_1100.7lm@250mA\_CCT=3215K\_P=8.3W\_I=0.25A



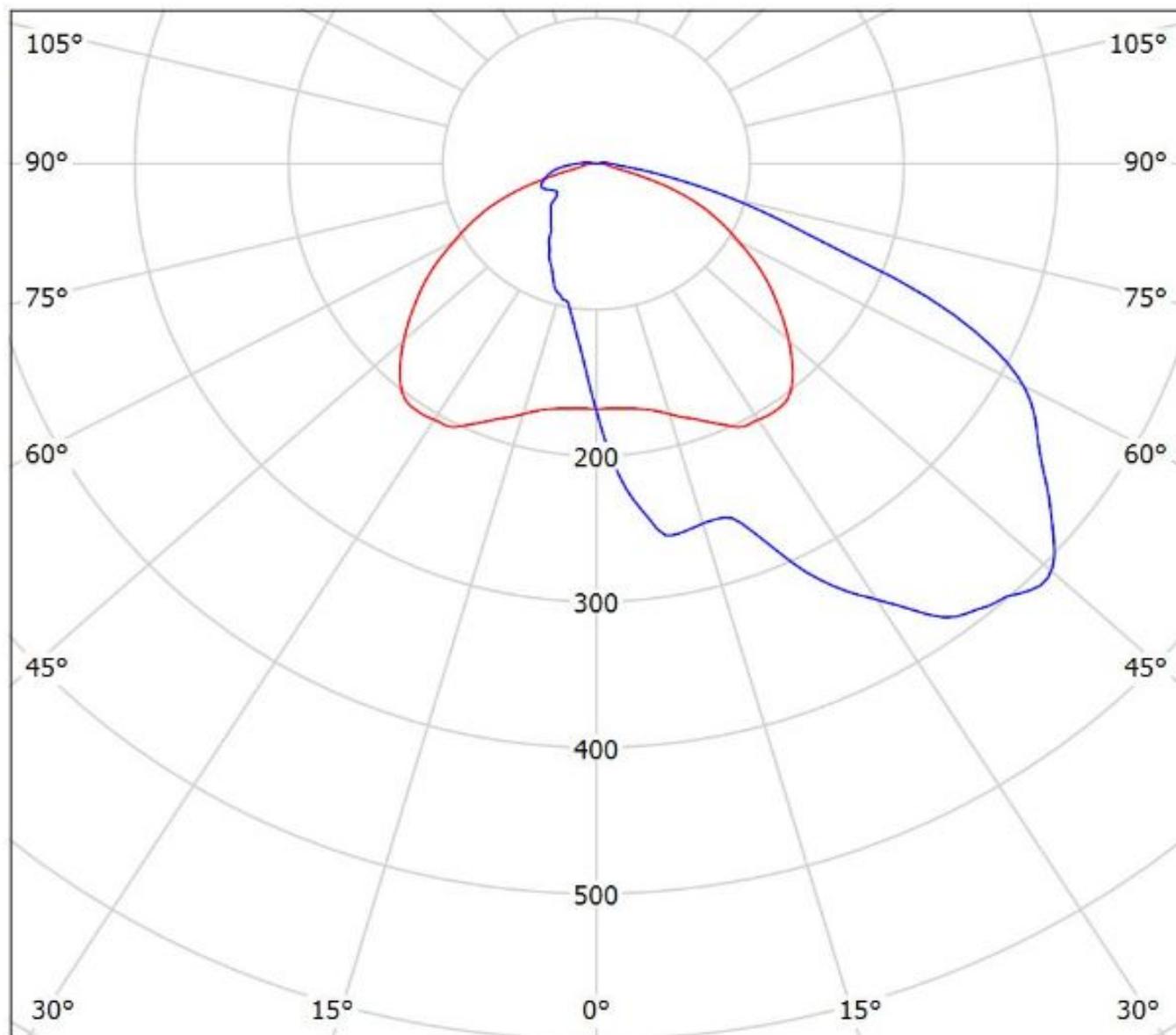
cd/klm

— C0 - C180 — C90 - C270

$\eta = 93\%$

Luminaire: LEDiL Oy FN14645\_STELLA-T4\_(SLE-G5\_LES-15)

Lamps: 1 x Tridonic\_SLE-G5\_LES-15\_1280.24lm@250mA\_P=8.6273W\_I=0.250A



cd/klm

— C0 - C180 — C90 - C270

$\eta = 89\%$

**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.