

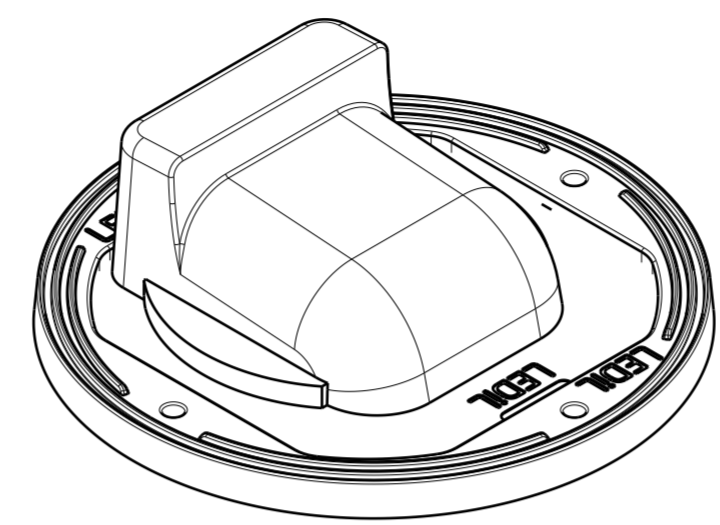
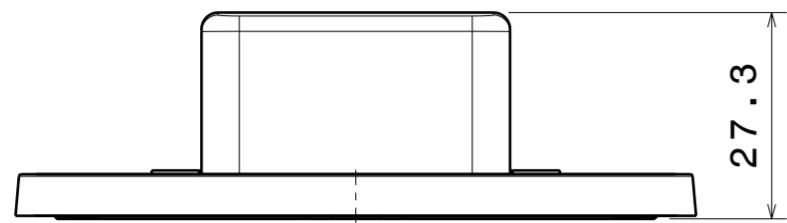
DETAILS

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

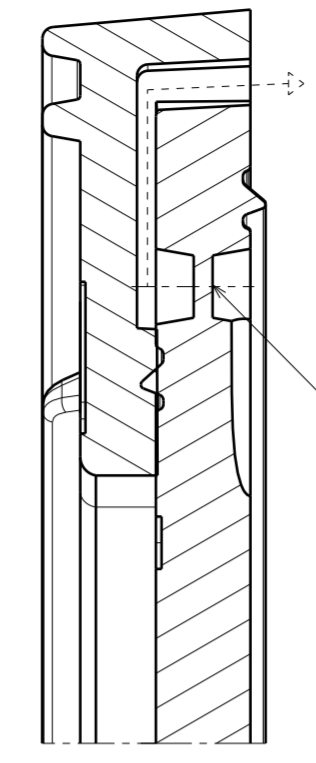


OPTICAL PROPERTIES

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

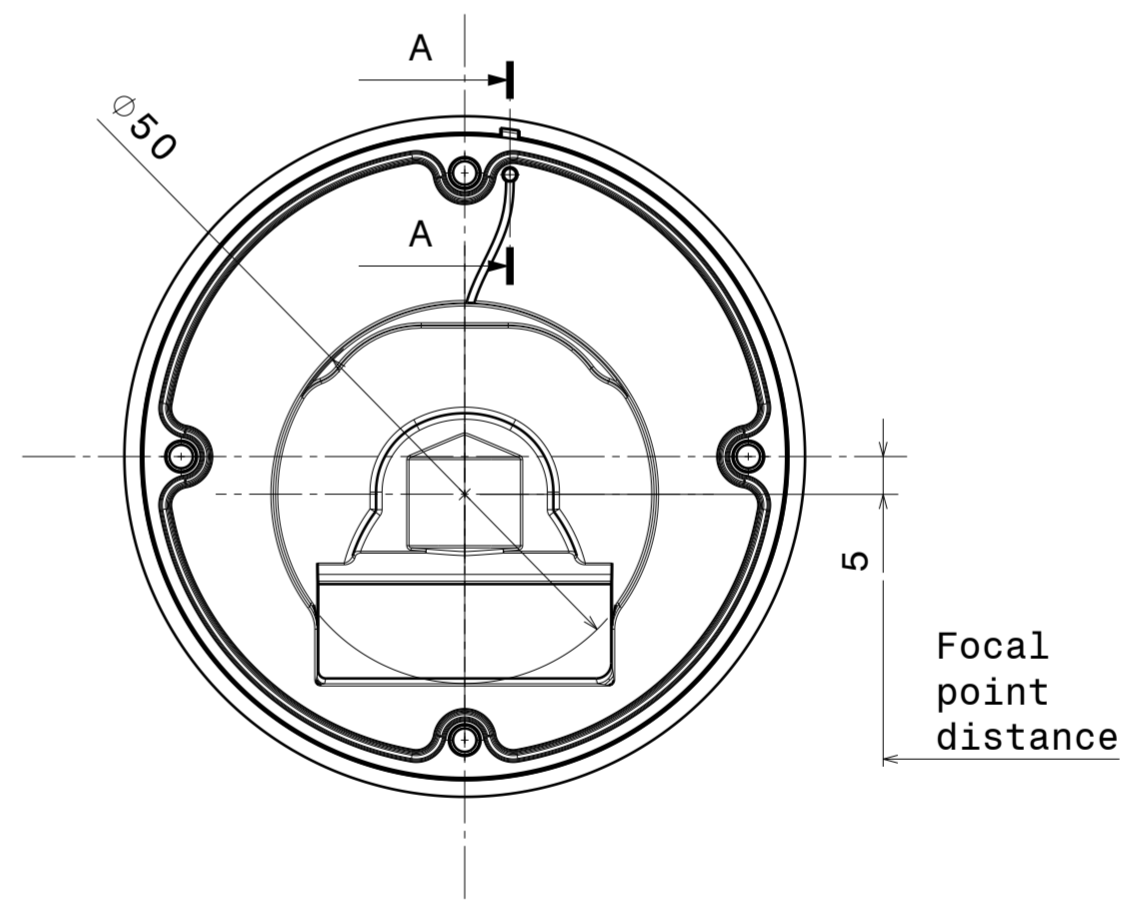
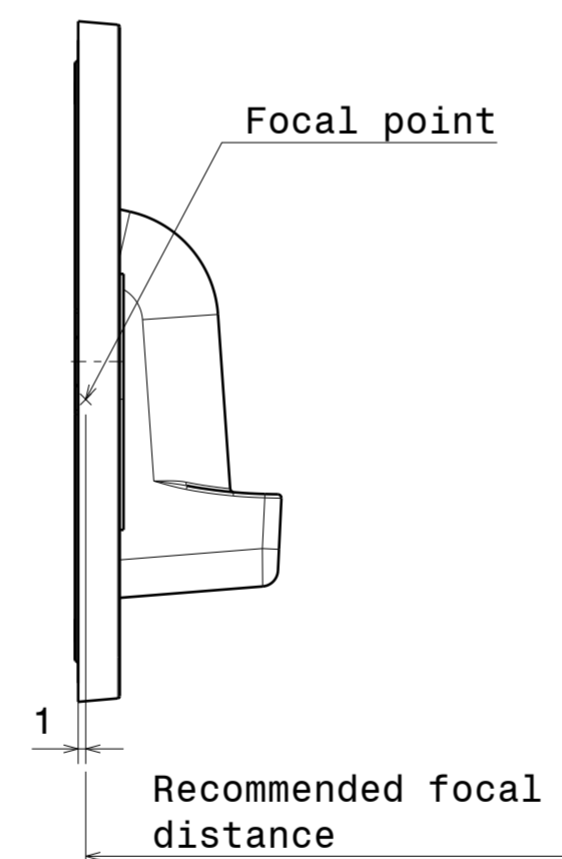
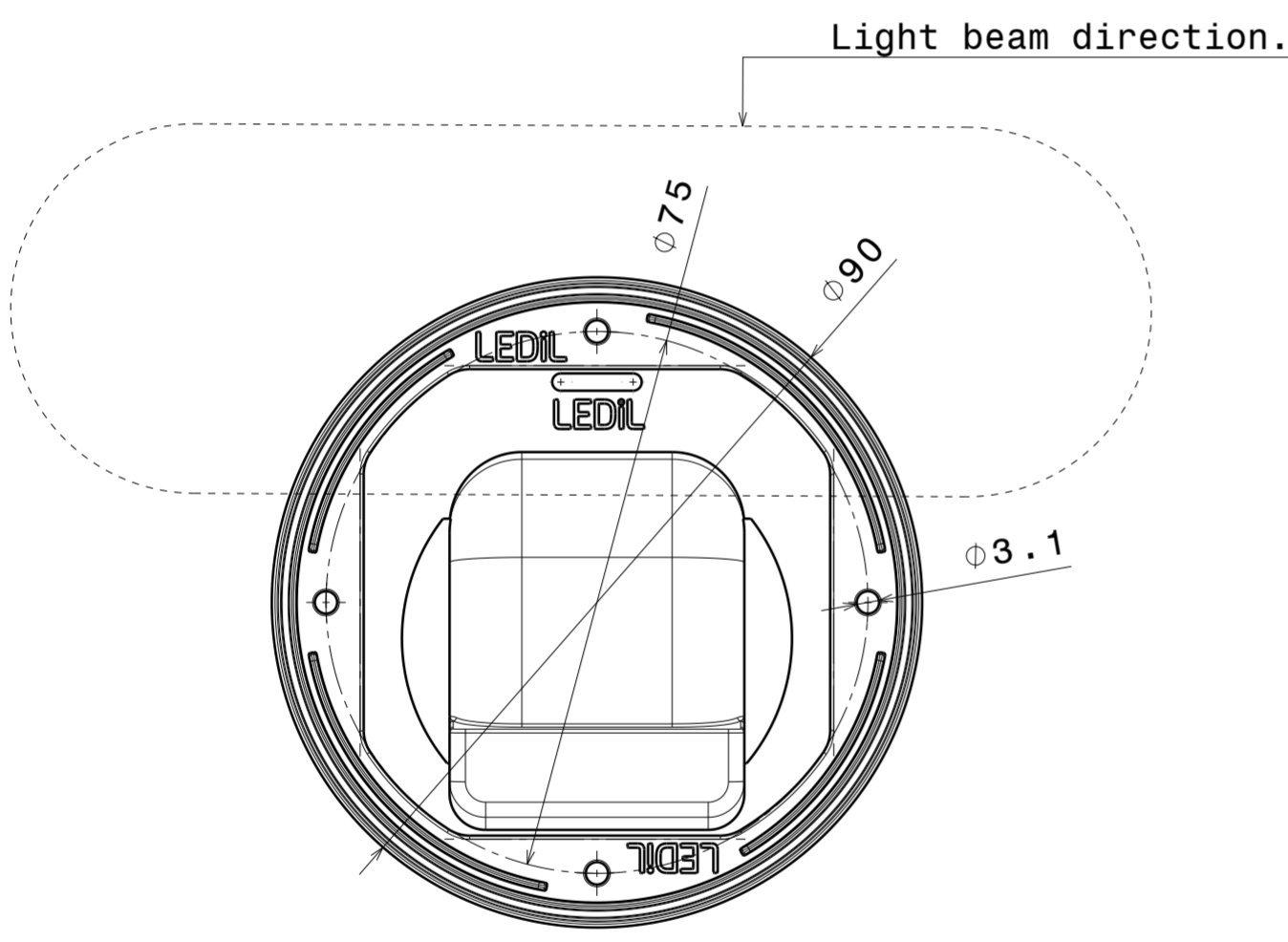


Isometric view
Scale: 1:1



Venting pipe:
Piercing this membrane
will Allow lens breathing

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.

THIRD ANGLE PROJECTION:

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

LEDiL LediL Oy
Salorankatu 10
FIN 24240 SALO
Finland

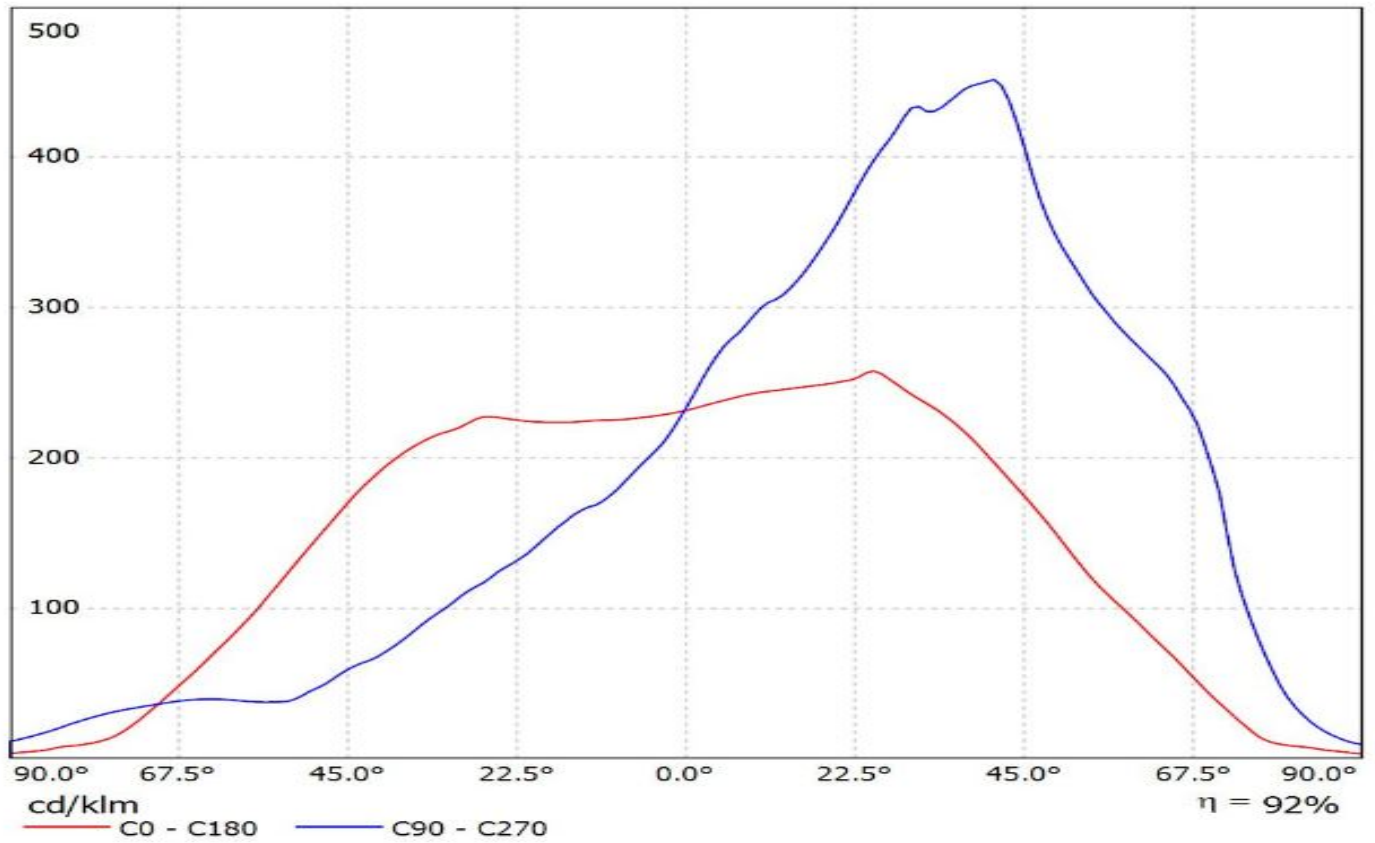
DRAWING TITLE
STELLA-T4 datasheet

SIZE	PART NUMBER				
A2	FN14645				
SCALE	1:1	WEIGHT	-	SHEET	1/1

Ledil FN14645_STELLA-T4_(COB1211) / LDC (Linear)

Luminaire: Ledil FN14645_STELLA-T4_(COB1211)

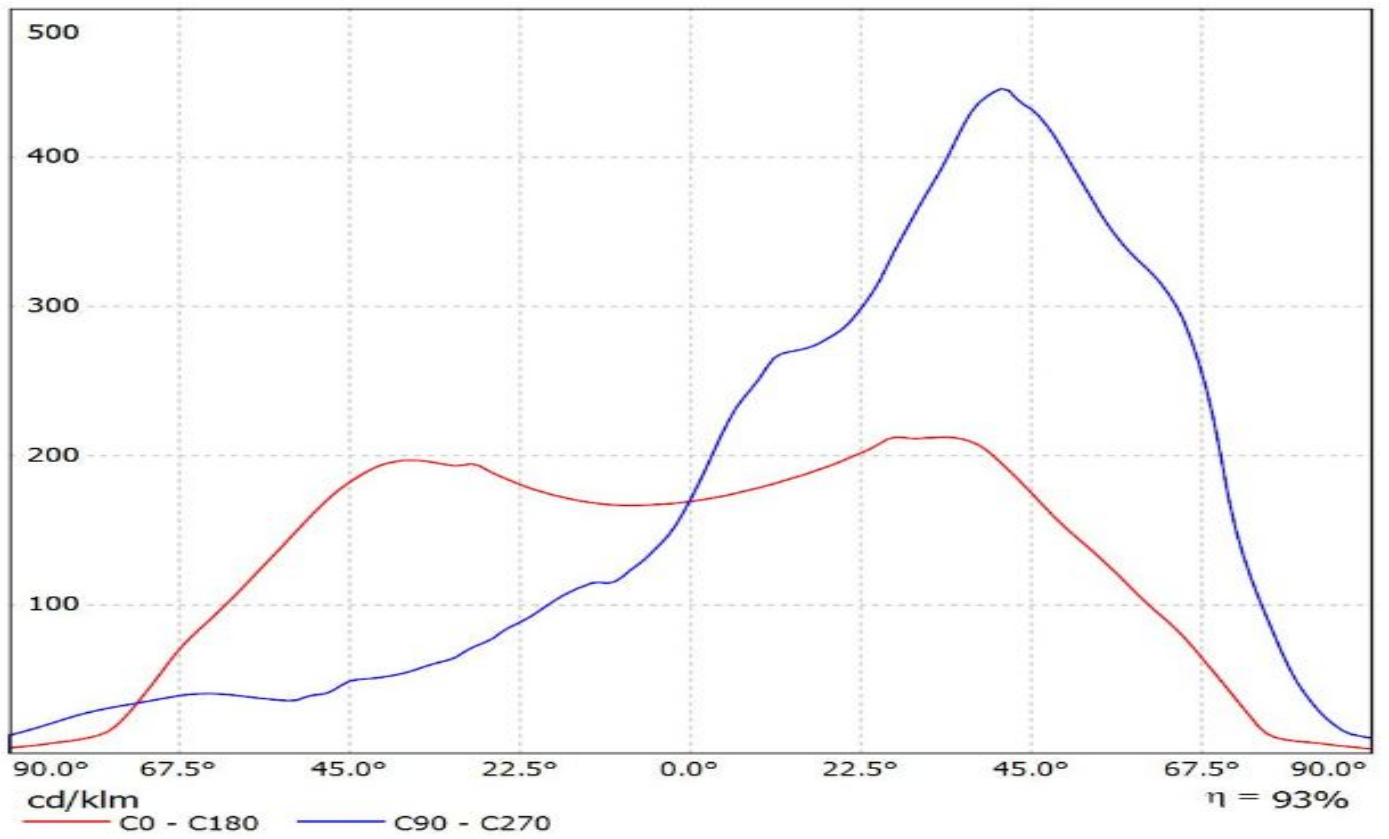
Lamps: 1 x LUXEON_COB1211_(LHC1-2790-1211)_955.193lm@250mA_CCT=2700K_P=8W_I=0.25A



Ledil FN14645_STELLA-T4_(COB1208) / LDC (Linear)

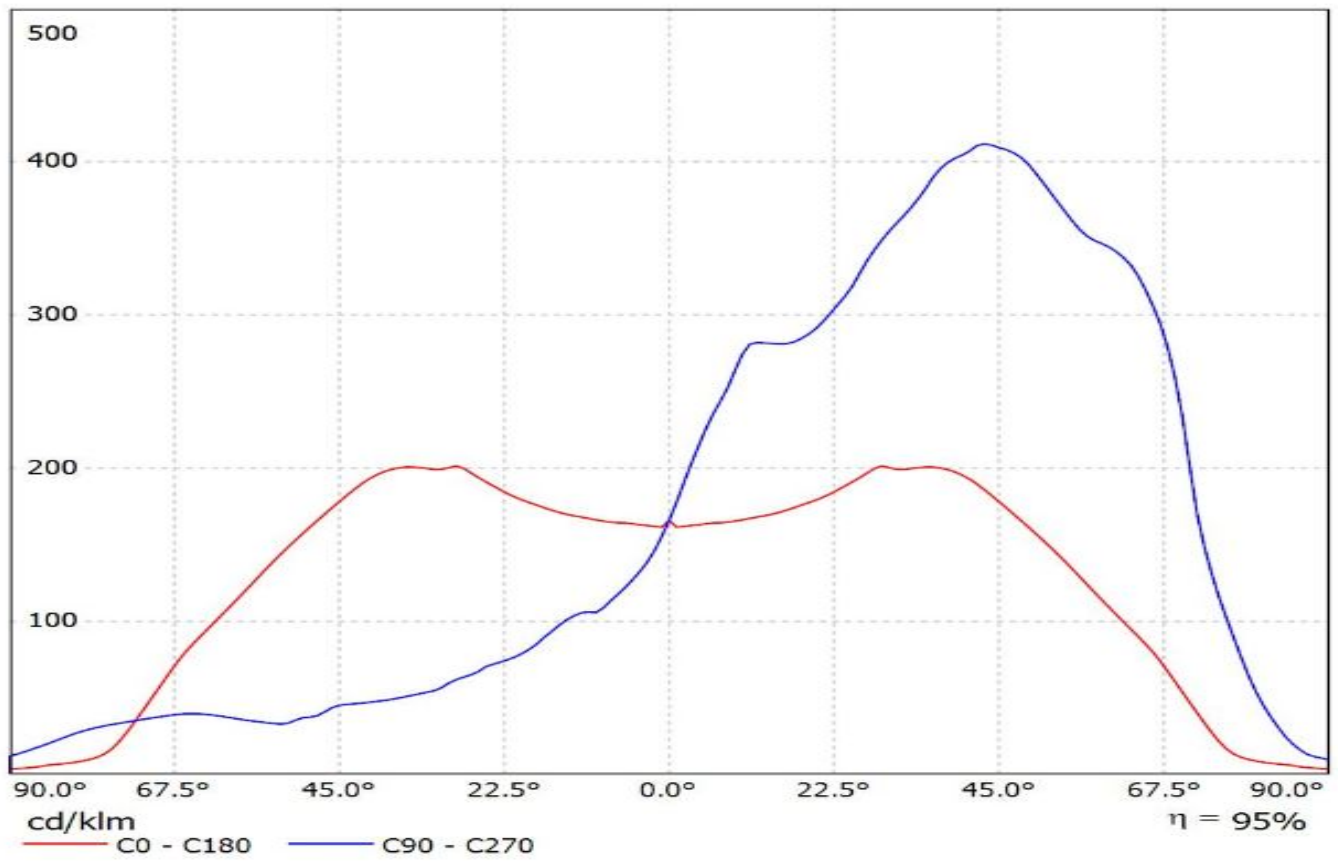
Luminaire: Ledil FN14645_STELLA-T4_(COB1208)

Lamps: 1 x LUXEON_COB1208_(LHC1-3090-1208)_1100.7lm@250mA_CCT=3215K_P=8.3W_I=0.25A



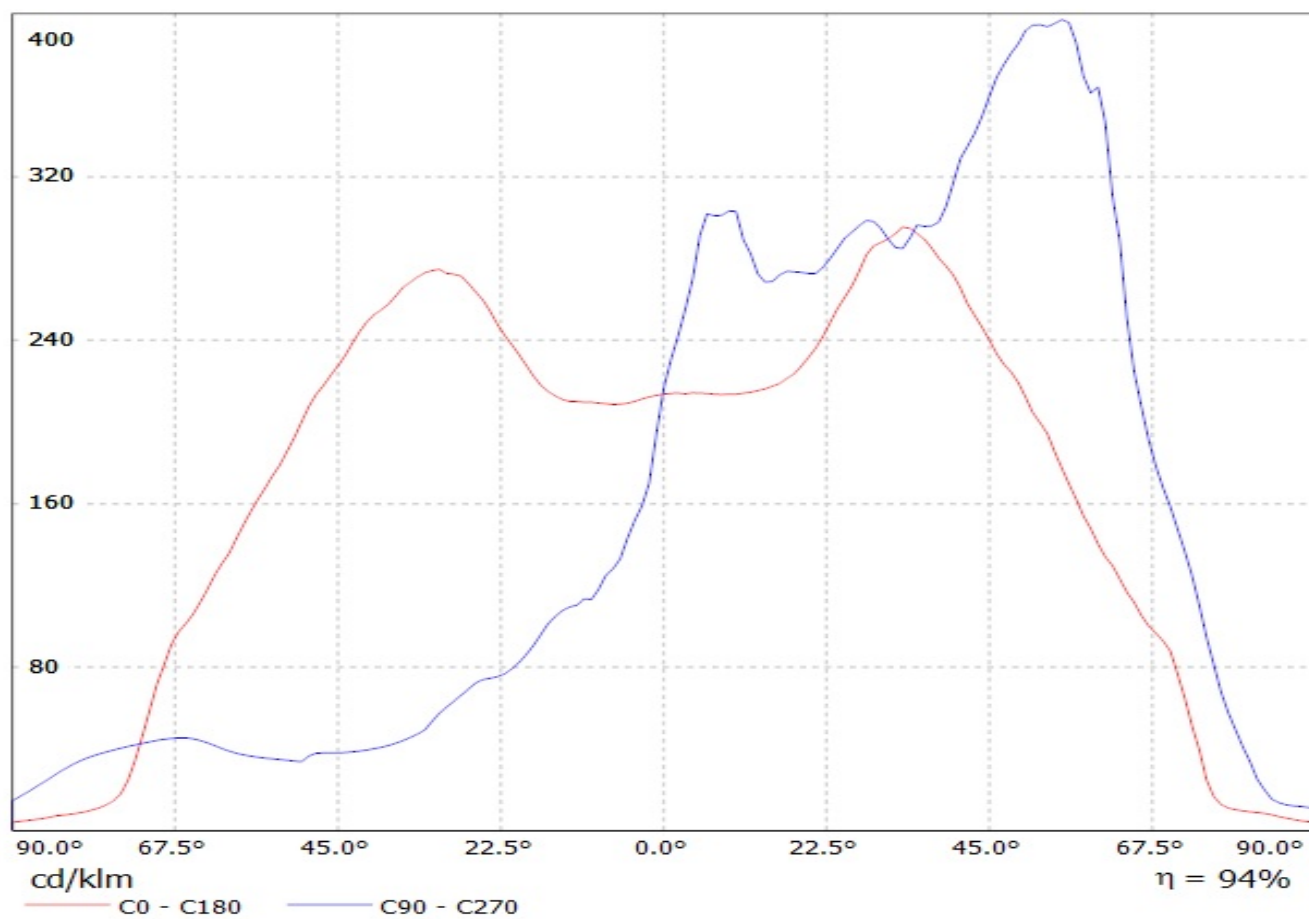
Luminaire: Ledil FN14645_STELLA-T4_(CXM-14)

Lamps: 1 x Luminus_XNOVA-CXM-14_1156.79lm@250mA_U=8.3W_I=0.25A



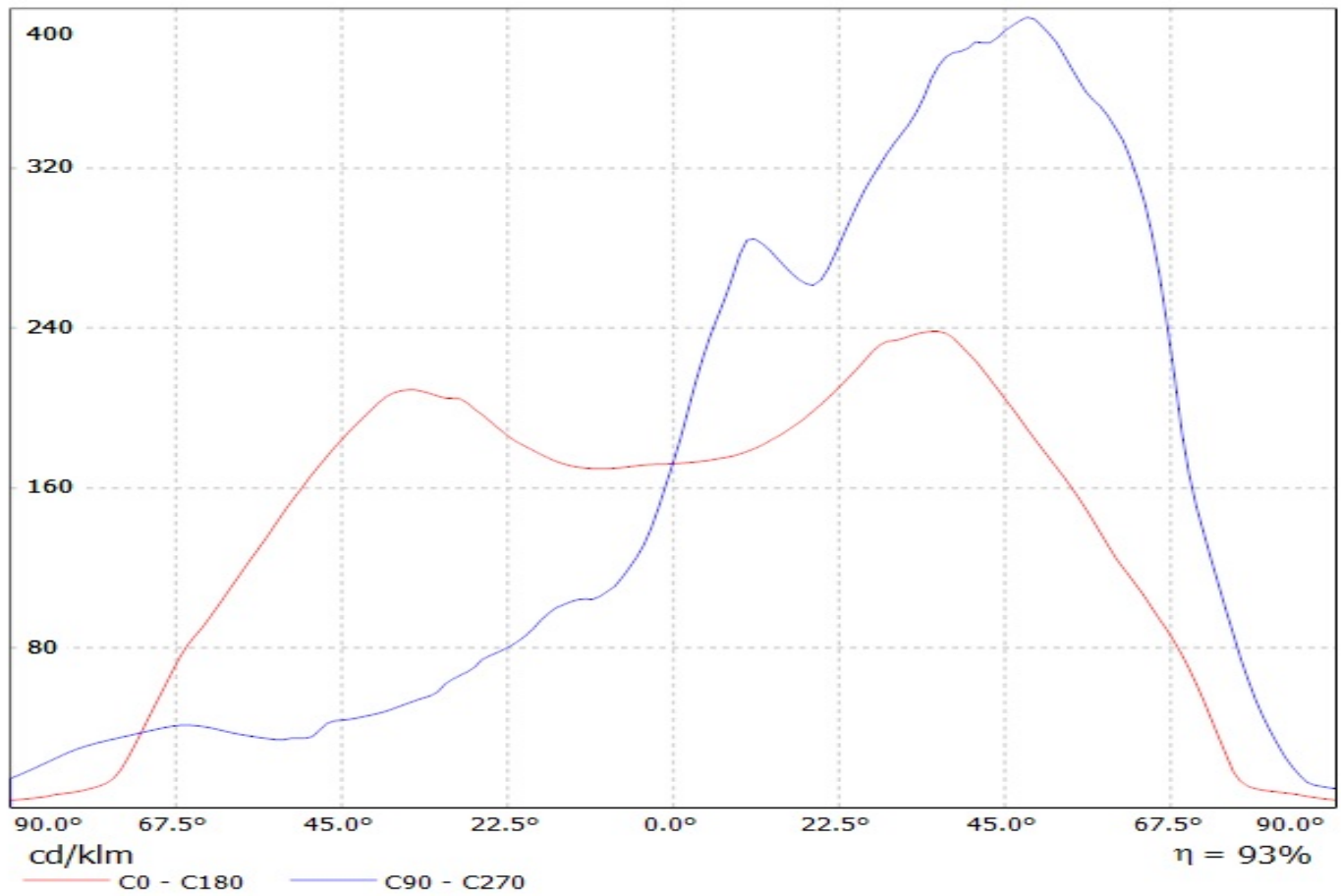
Luminaire: LEDiL Oy FN14645_STELLA-T4_(Soleriq_P9)

Lamps: 1 x Osram_Soleriq_P9_(GW_MAFJB1.EM)_883.856lm@250mA_CCT=4372K_P=6.86301W_I=0.2498A



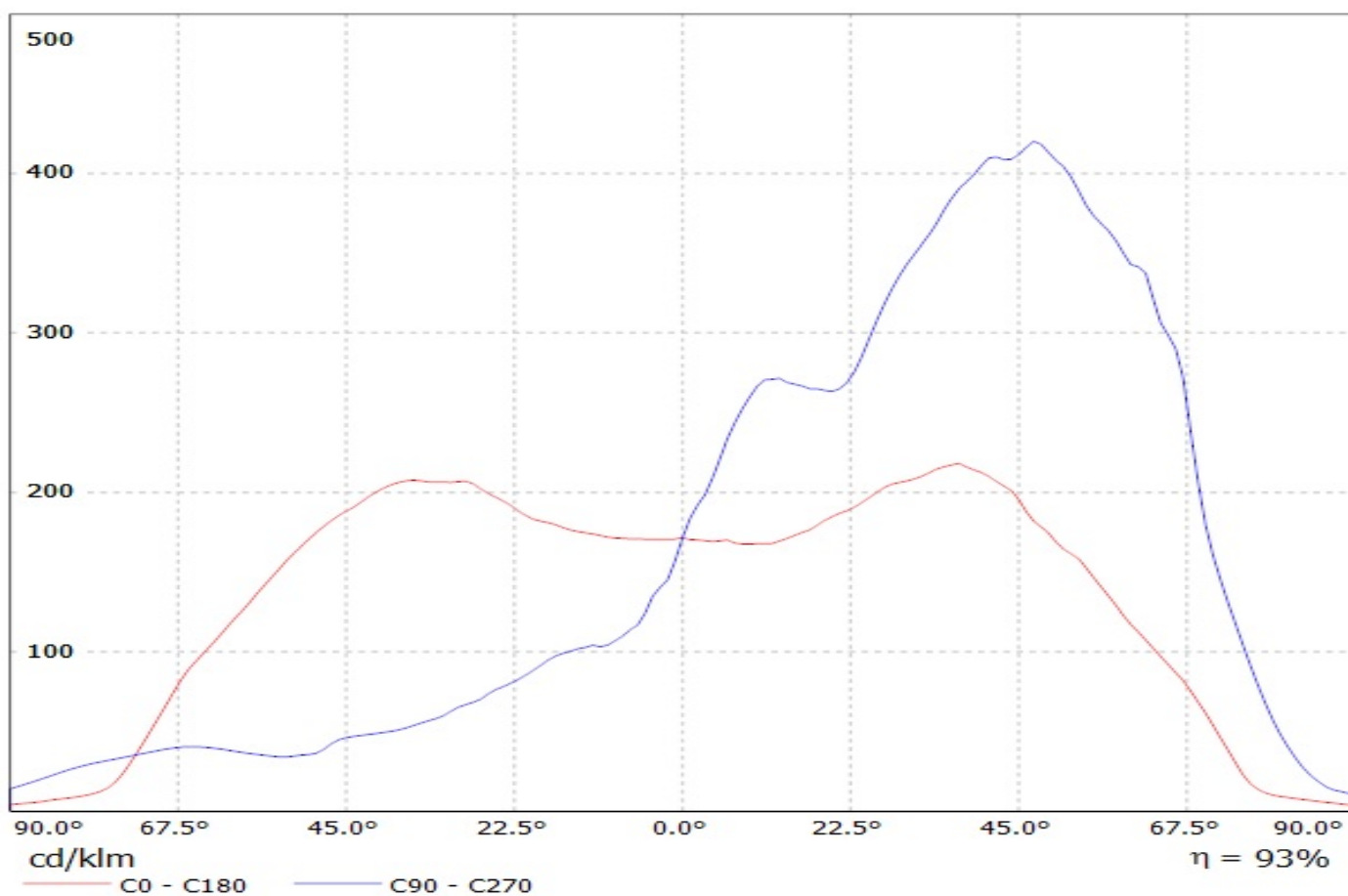
Luminaire: LEDiL Oy FN14645_STELLA-T4 (Soleriq_S13)

Lamps: 1 x Osram_Soleriq_S13_(GW_KAGHB1.EM)_867.588lm@250mA_P=7.35456W_I=0.2499A



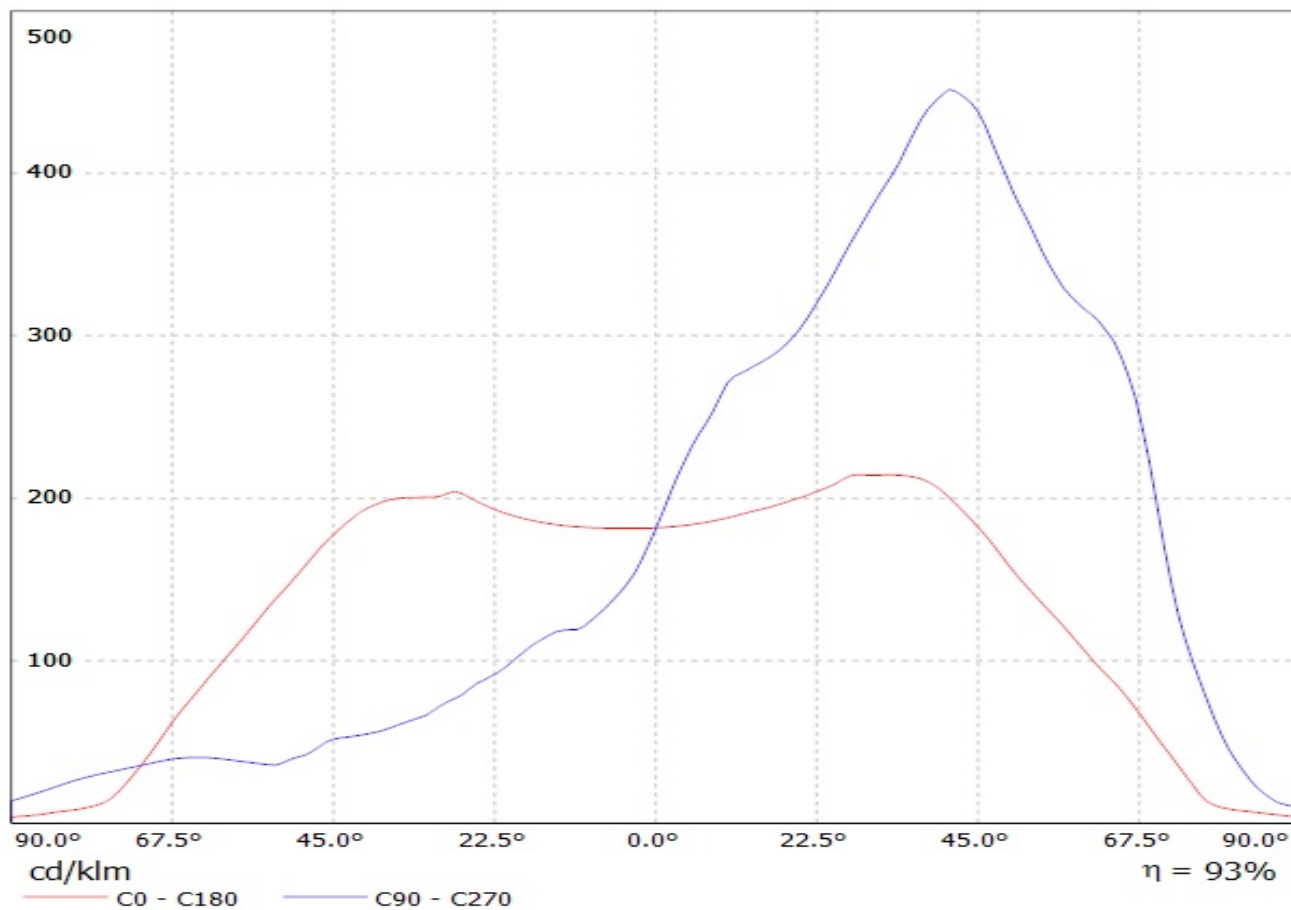
Luminaire: LEDiL Oy FN14645_STELLA-T4_(Soleriq_P13)

Lamps: 1 x Osram_Soleriq_P13_(GW_MAGMB1.EM)_935.757lm@250mA_P=8.73875W_I=0.2498A

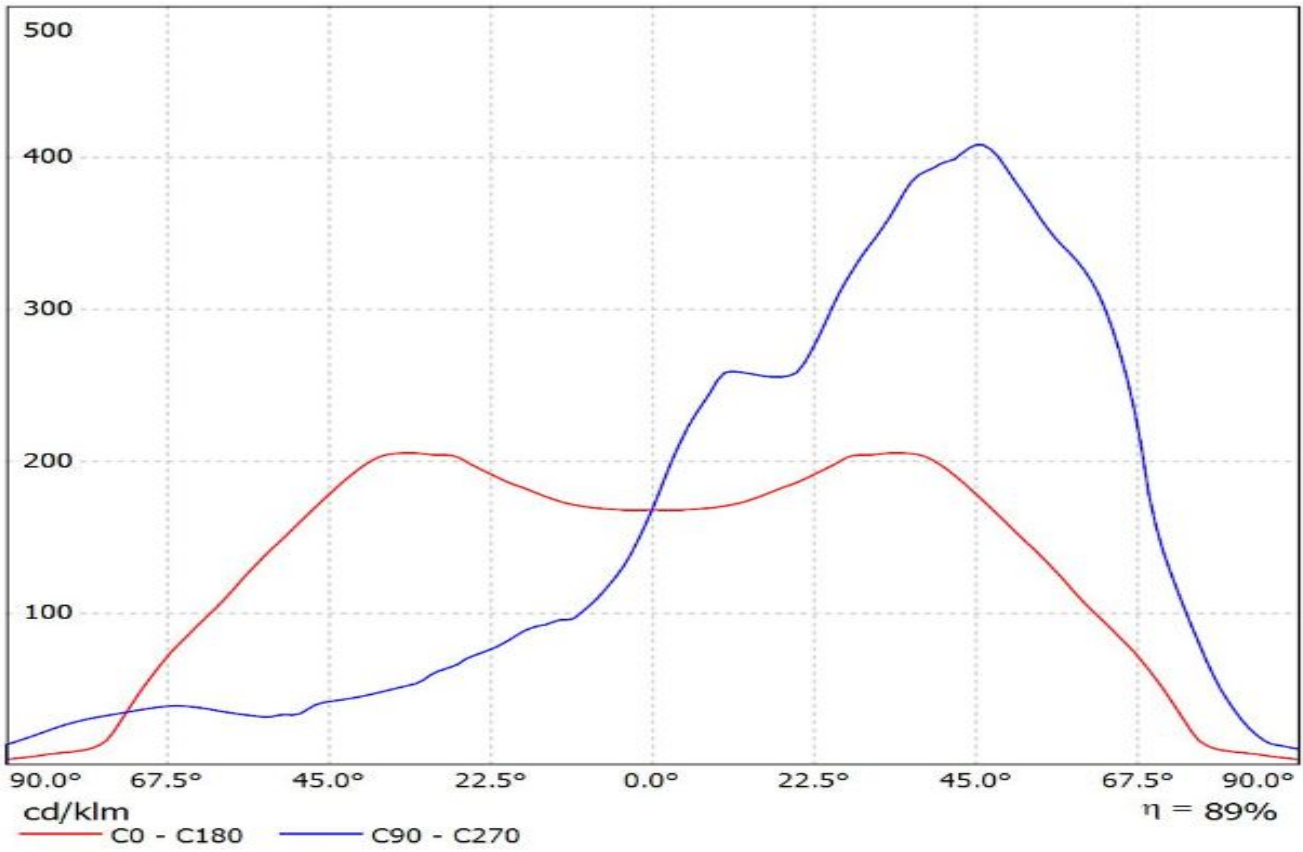


Luminaire: LEDiL Oy FN14645_STELLA-T4_(Soleriq_S19)

Lamps: 1 x Osram_Soleriq_S19_(GW_KAHJB1.EM)_1411.38lm@250mA_CCT=4372K_P=10.4361W_I=0.2498A



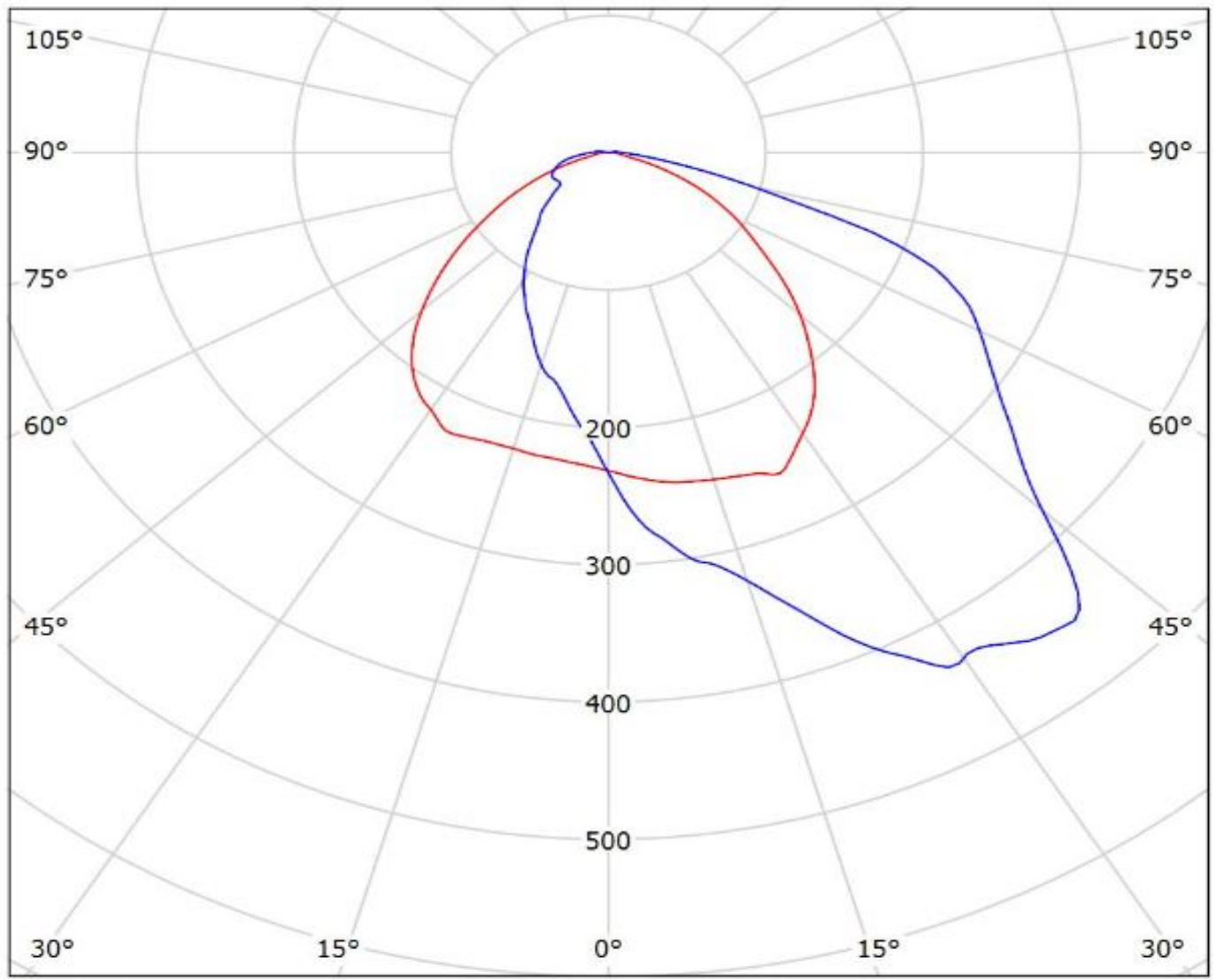
Luminaire: LEDiL Oy FN14645_STELLA-T4_(SLE-G5_LES-15)
Lamps: 1 x Tridonic_SLE-G5_LES-15_1280.24lm@250mA_P=8.6273W_I=0.250A



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

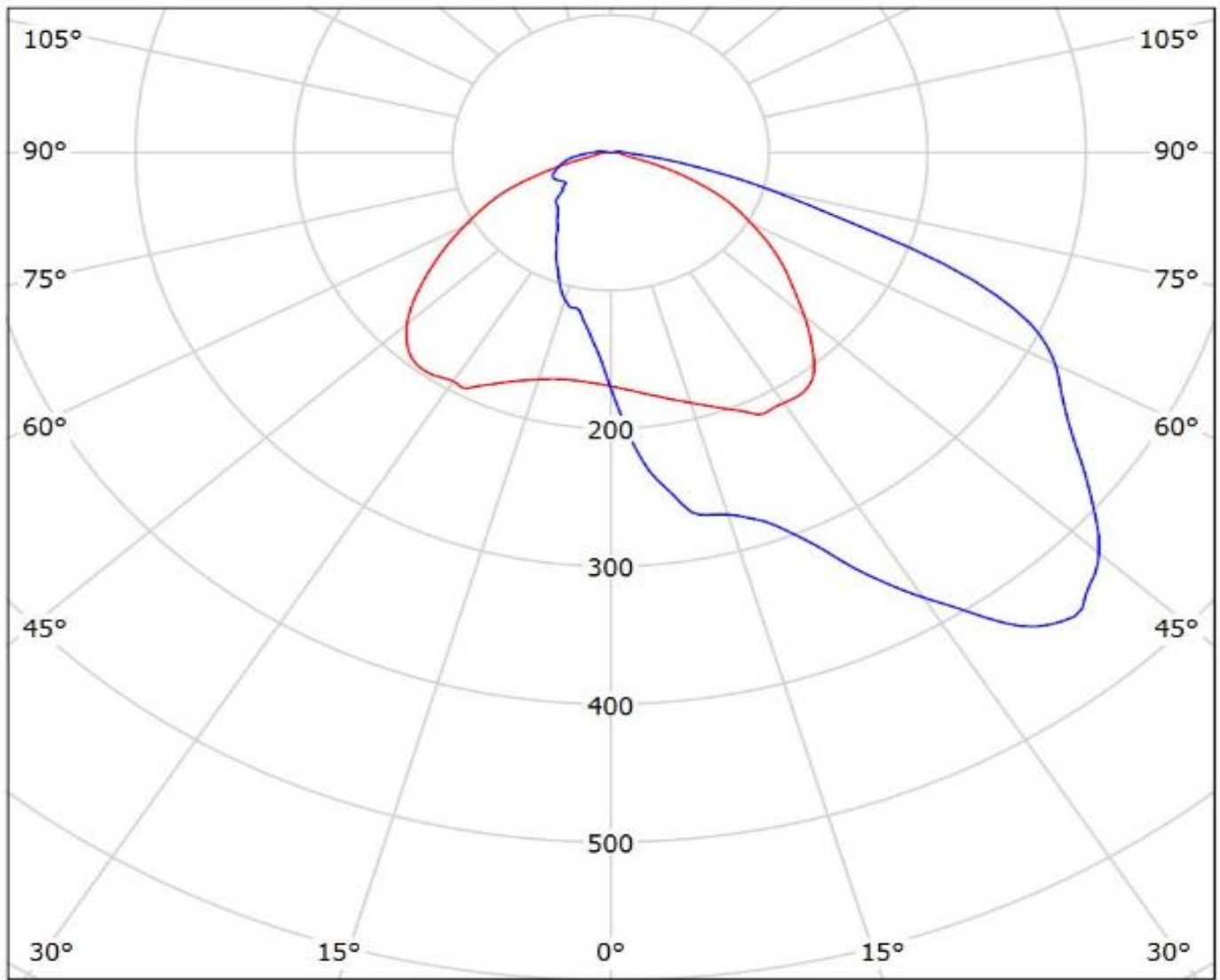
— C90 - C270

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



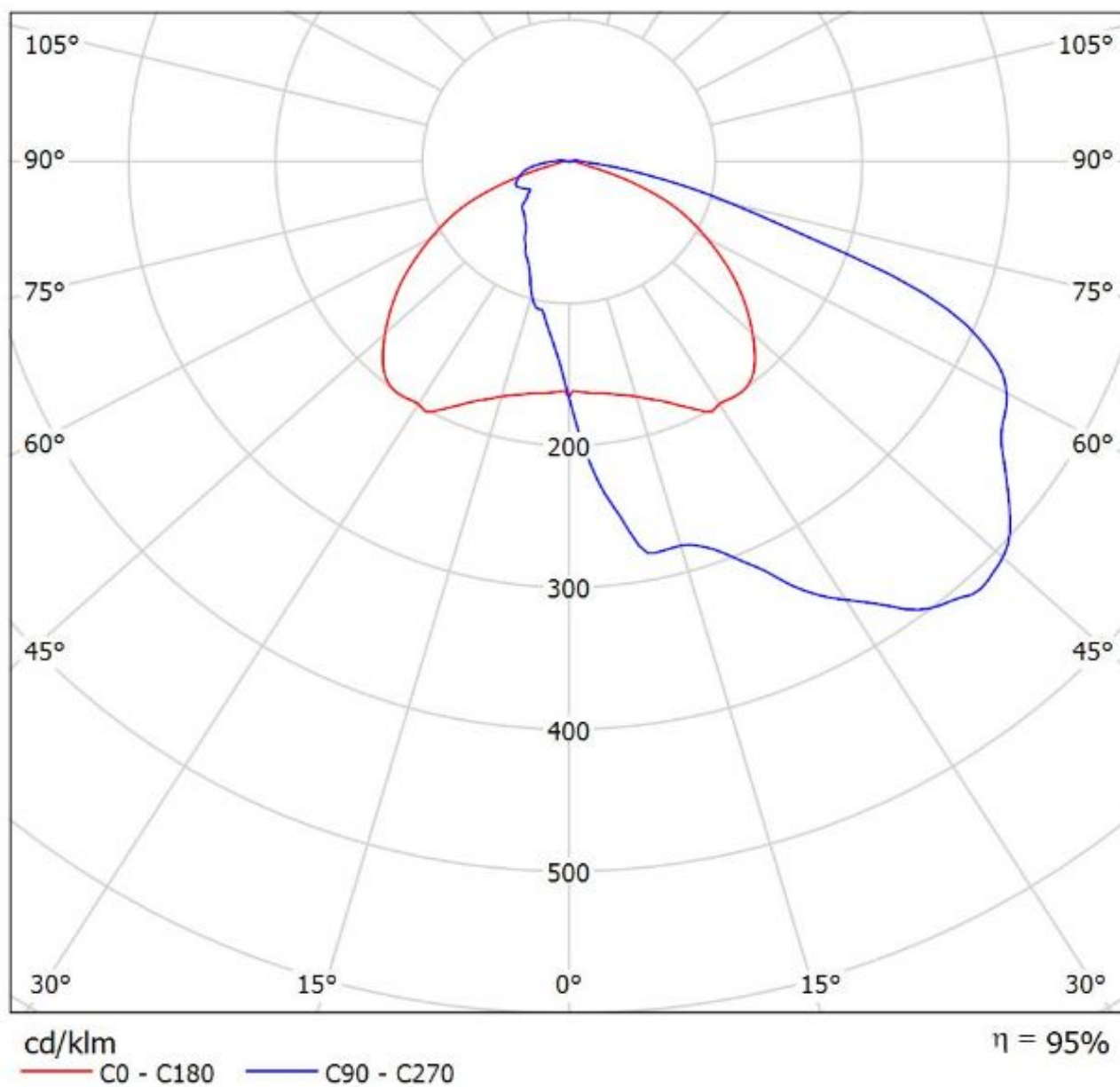
cd/klm

— C0 - C180 — C90 - C270

$\eta = 93\%$

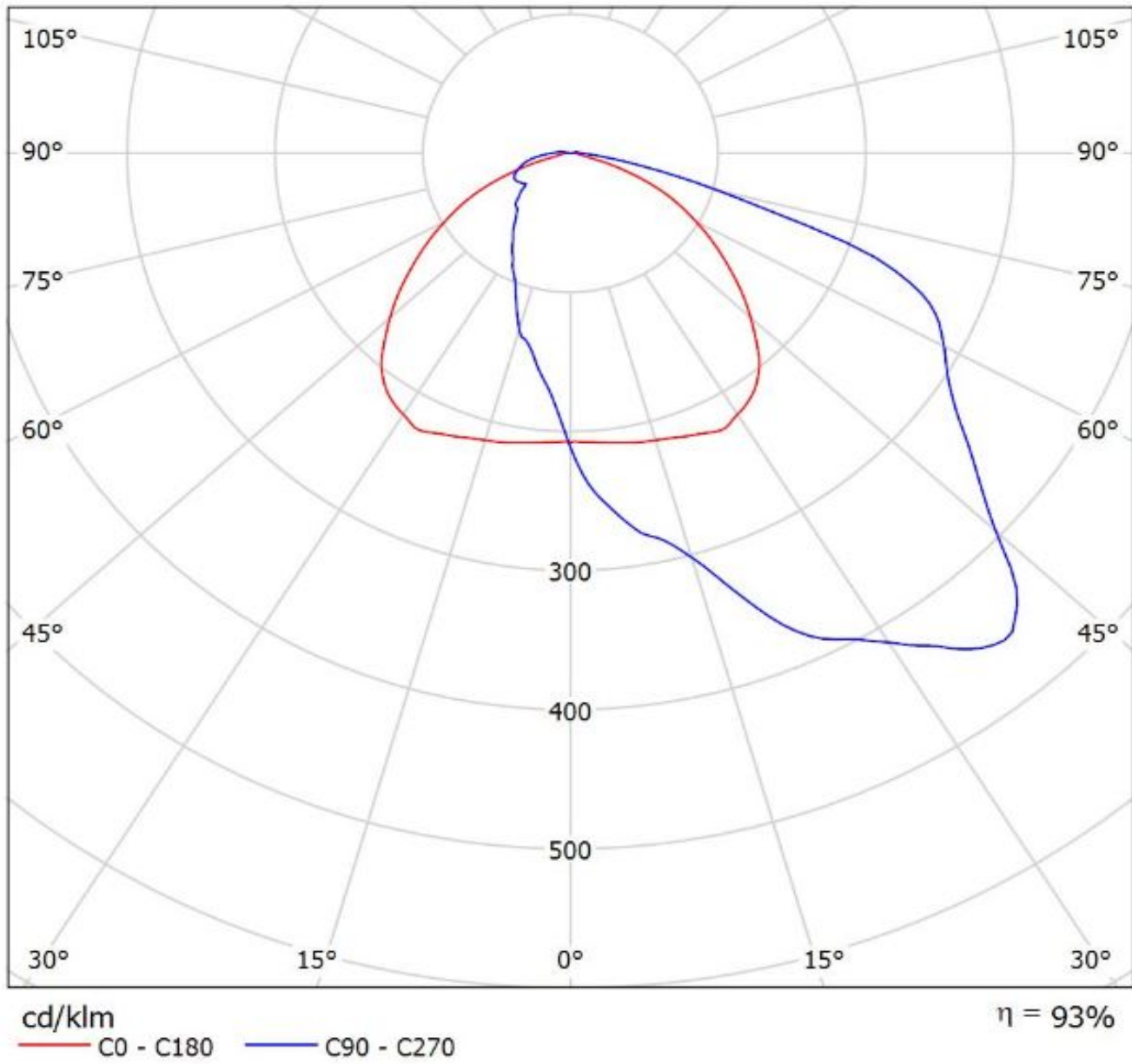
Luminaire: Ledil FN14645_STELLA-T4_(CXM-14)

Lamps: 1 x Luminus_XNOVA-CXM-14_1156.79lm@250mA_U=8.3W_I=0.25A



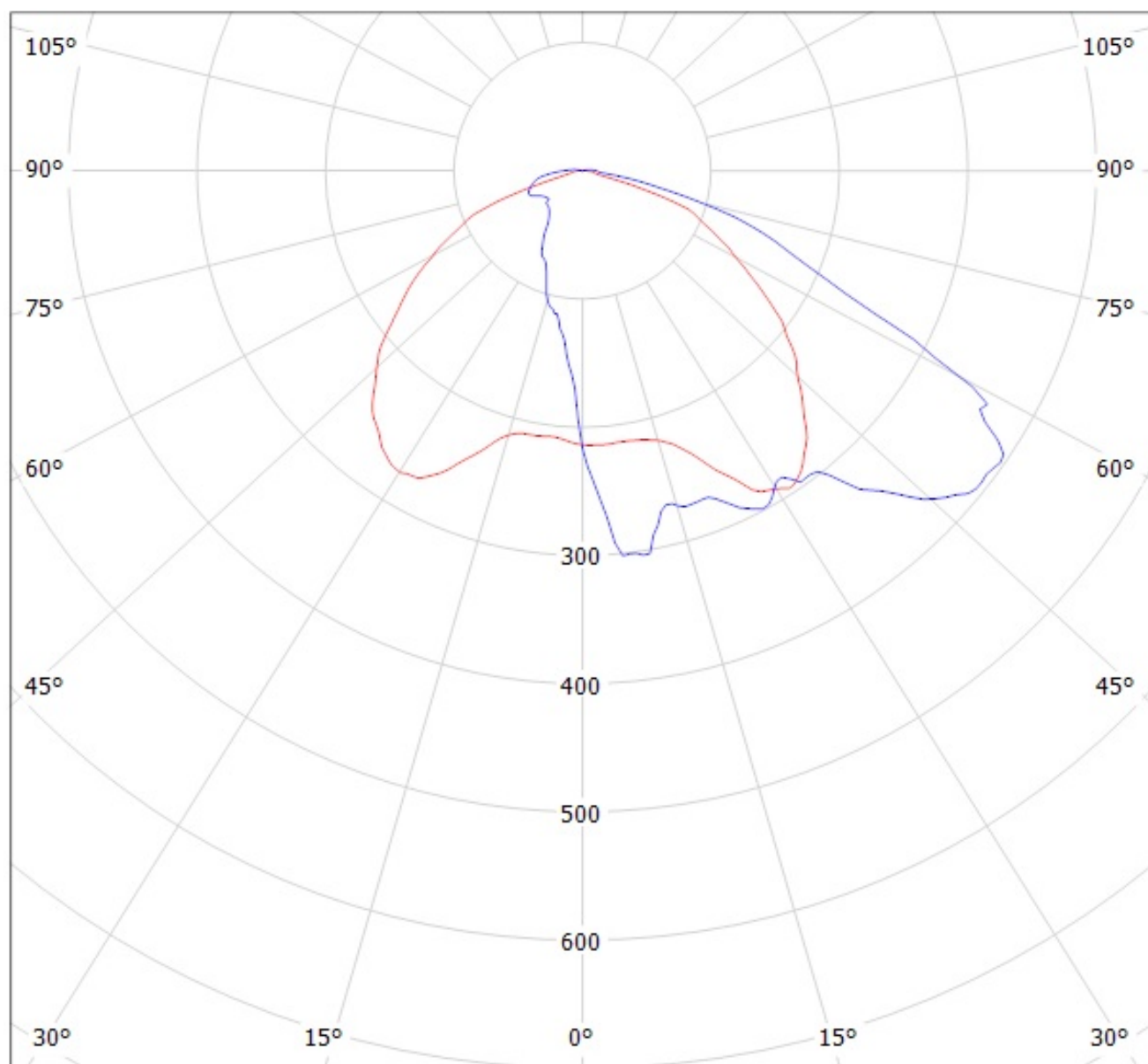
Luminaire: Ledil FN14645_STELLA-T4_(CXM-18)

Lamps: 1 x Luminus_XNOVA-CXM-18_921.635lm@250mA_U=8.12W_I=0.25A



Luminaire: LEDiL Oy FN14645_STELLA-T4_(Soleriq_P9)

Lamps: 1 x Osram_Soleriq_P9_(GW_MAFJB1.EM)_883.856lm@250mA_CCT=4372K_P=6.86301W_I=0.2498A



cd/klm

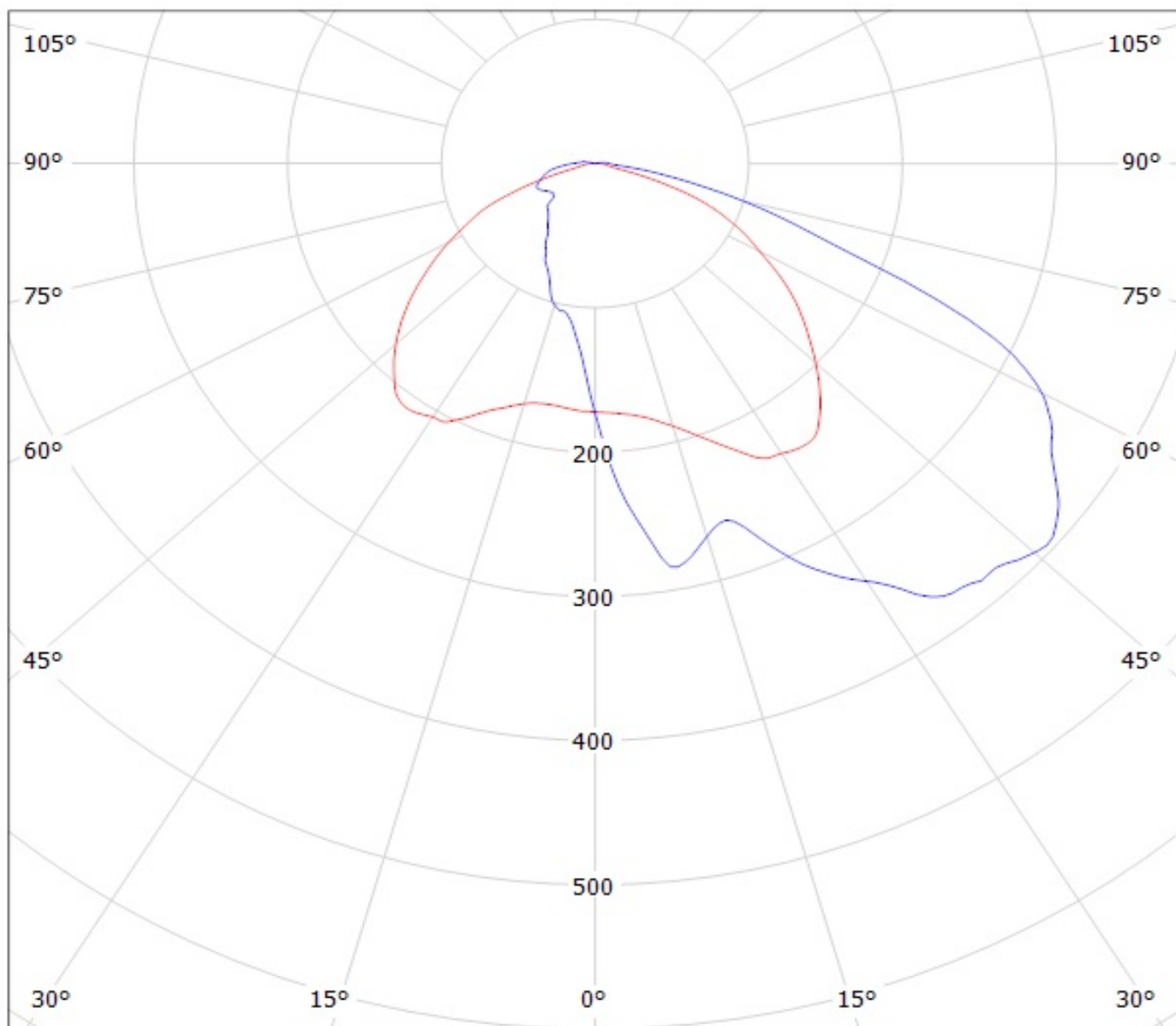
— C0 - C180

— C90 - C270

$\eta = 94\%$

Luminaire: LEDiL 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

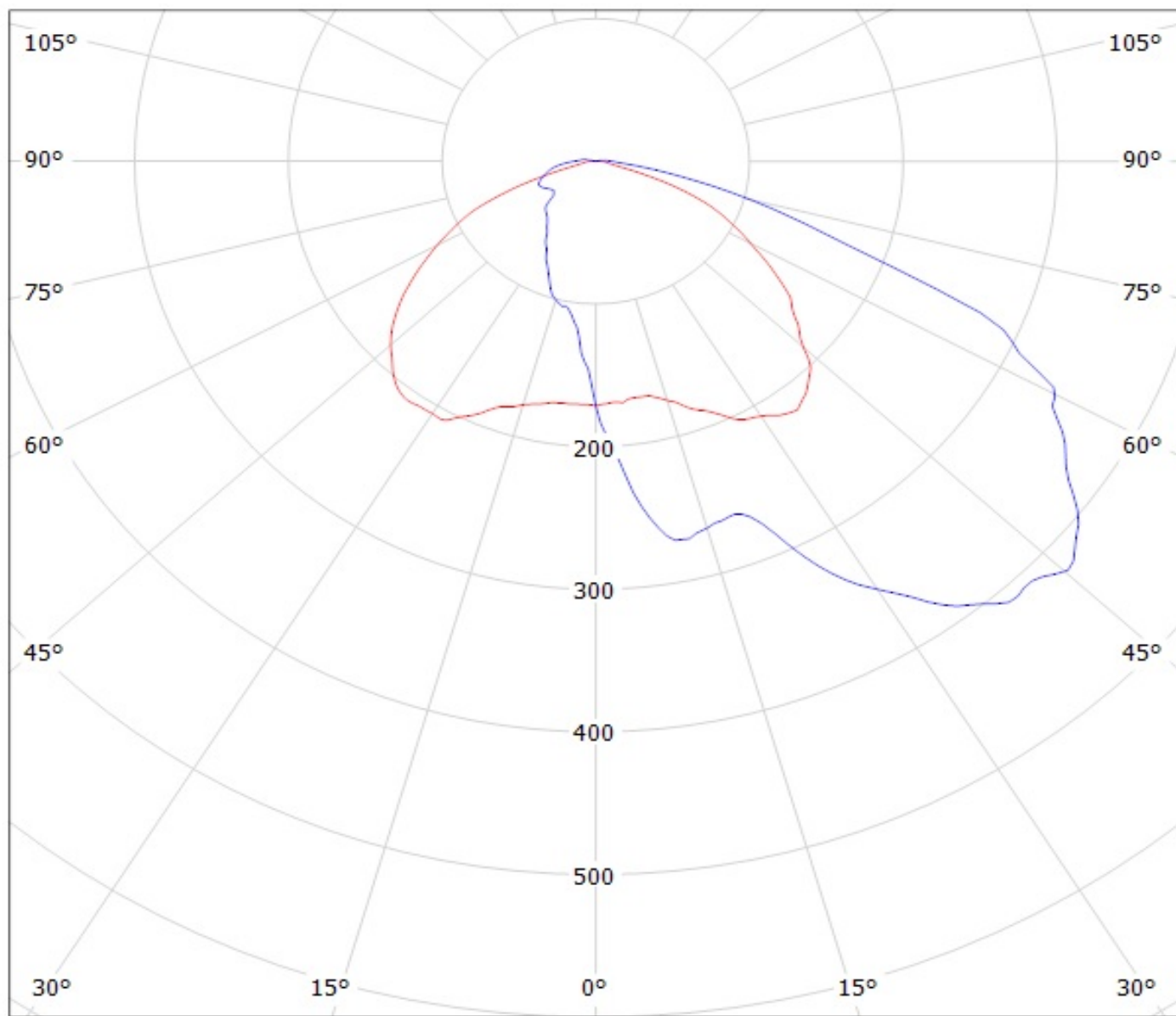
— C0 - C180

— 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

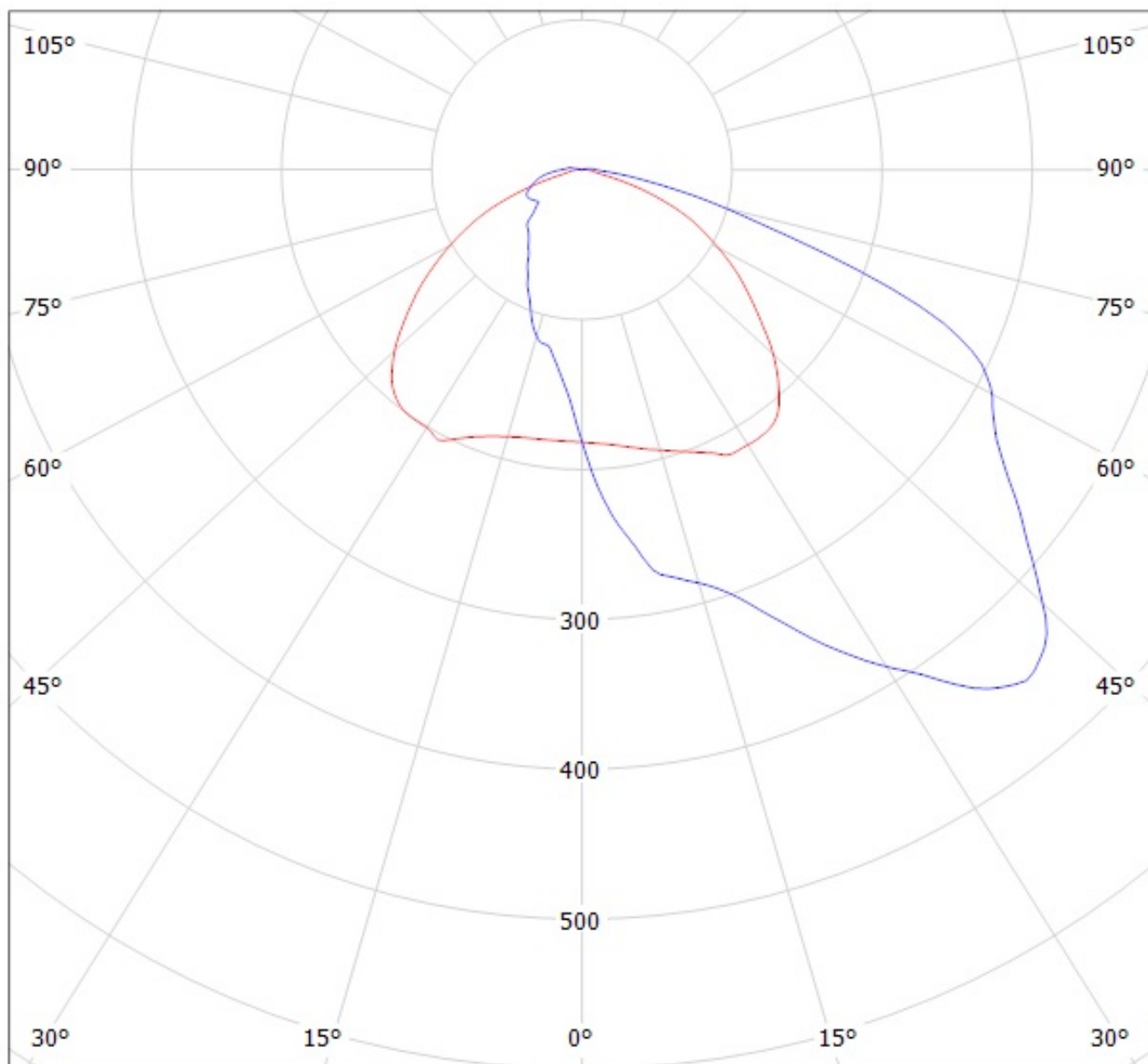
— C0 - C180

— C90 - C270

$\eta = 93\%$

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



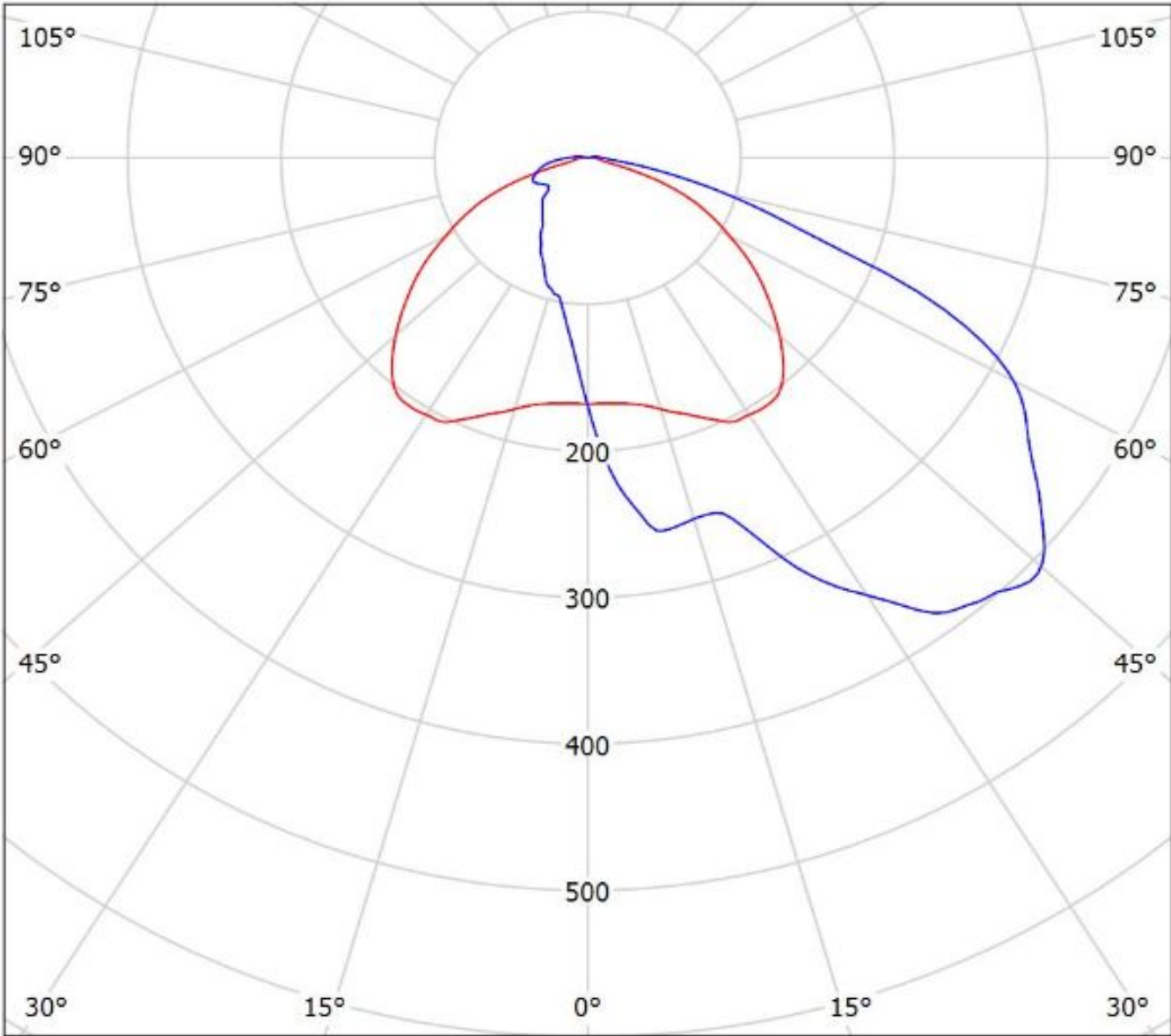
cd/klm

— C0 - C180 — C90 - C270

$\eta = 93\%$

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.