

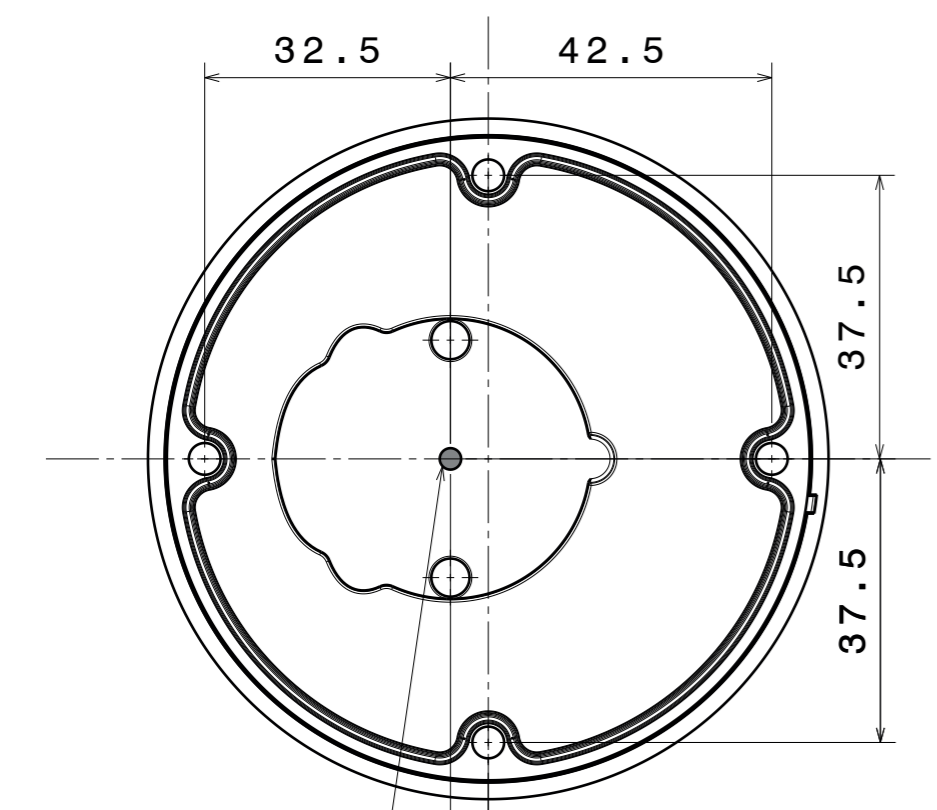
DETAILS

Product Number	FN14253_STELLA-A
Family	STELLA
Type	Pack
Color	white
Diameter	90 mm
Height	22 mm
Style	round
Optic Material	Silicone
Holder Material	
Fastening	
Status	production ready
ROHS Compliant	Yes
Date Updated	1/12/2016

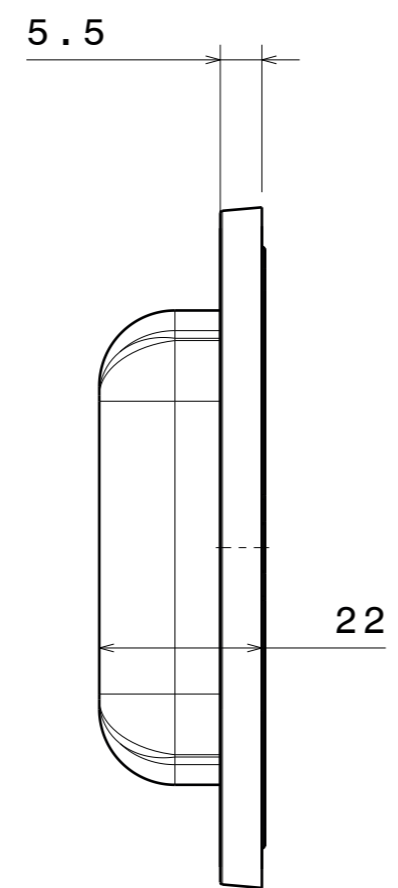


OPTICAL PROPERTIES

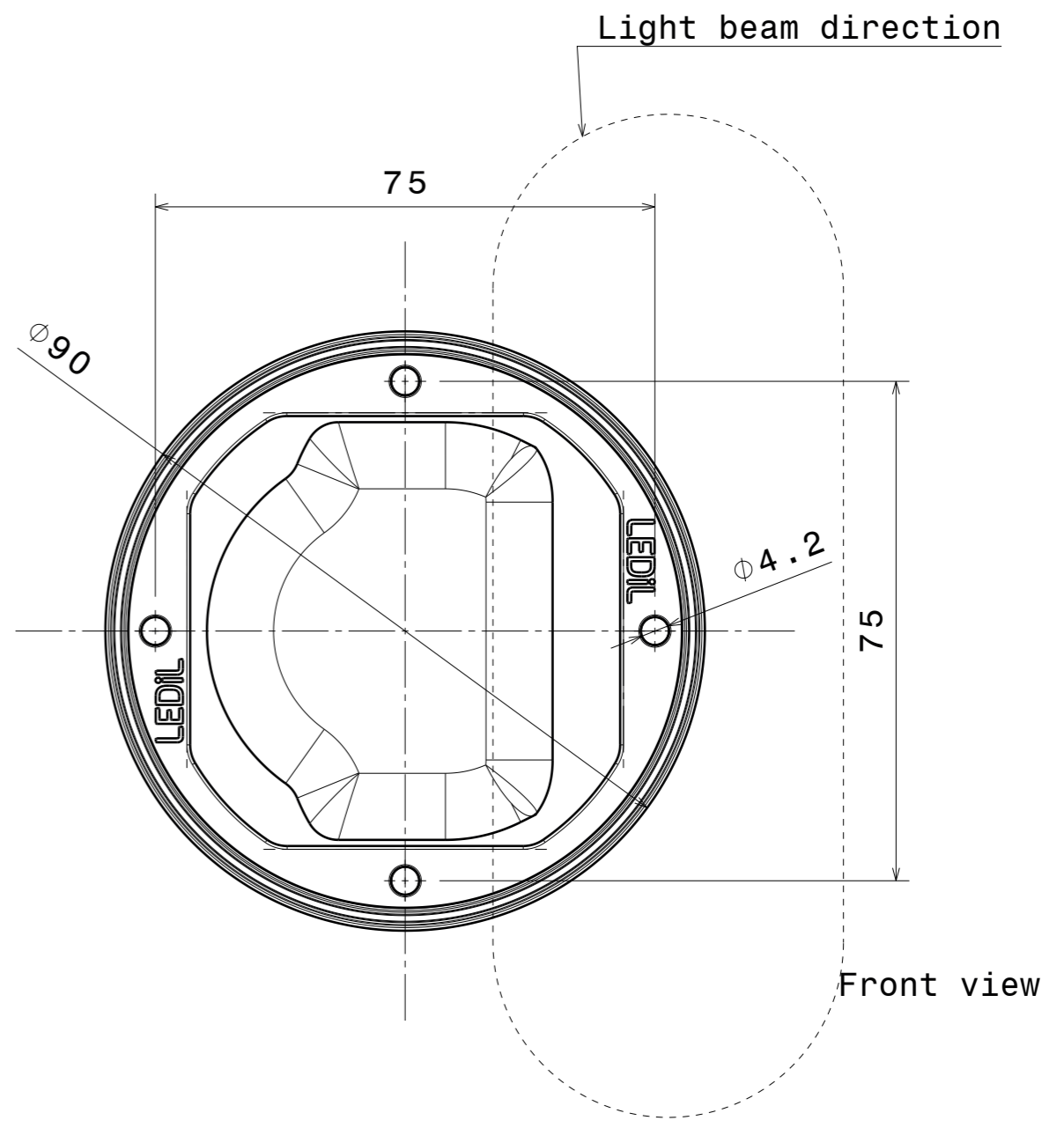
LED	Viewing Angle	Light Beam	Efficiency	cd/lm	Connector
VERO13	Asymmetric deg	Asymmetric	92 %	0.660	-
VERO18	Asymmetric deg	Asymmetric	92 %	0.500	-
V10 Gen7	sim: Asymmetric	Asymmetric	sim: 89 %	sim: 0.560	Bender Wirth: 434 Typ L1
V13 Gen7	sim: Asymmetric	Asymmetric	sim: 89 %	sim: 0.555	Bender Wirth: 477 Typ L1
V18 Gen7	sim: Asymmetric	Asymmetric	sim: 88 %	sim: 0.380	-
CLL03x/CLU03x	Asymmetric deg	Asymmetric	92 %	0.616	-
CLU730/731	sim: Asymmetric	Asymmetric	sim: 90 %	-	-
CLL03x/CLU03x	Asymmetric deg	Asymmetric	92 %	0.580	Bender Wirth: 433 Typ L1
CLU720/721	Asymmetric deg	Asymmetric	93 %	0.770	Bender Wirth: 433 Typ L1
CXA/B 15xx	Asymmetric deg	Asymmetric	92 %	1.100	-
CXA/B 1816 & CXA/B 1820 & CXA 1850	Asymmetric deg	Asymmetric	91 %	0.680	Bender Wirth: 437 Typ L1
CXA/B 25xx	Asymmetric deg	Asymmetric	93 %	0.490	-
CXA/B 15xx	Asymmetric deg	Asymmetric	92 %	0.850	Bender Wirth: 441 Typ L1
LUXEON CoB 1208	Asymmetric deg	Asymmetric	-	0.300	-
LUXEON CoB 1202/1203	asymmetric deg	Asymmetric	91 %	0.920	Bender Wirth: 438 Typ L1
COB L-Type (LES 9)	Asymmetric deg	Asymmetric	92 %	0.960	Bender Wirth: 438 Typ L1
COB L-Type (LES 11)	Asymmetric deg	Asymmetric	91 %	0.710	Bender Wirth: 438 Typ L1
Soleriq S13	Asymmetric deg	Asymmetric	87 %	0.700	-
Soleriq S19	Asymmetric deg	Asymmetric	-	-	-
Soleriq P13	asymmetric deg	Asymmetric	94 %	0.660	Bender Wirth: 437 Typ L1
Soleriq S13	Asymmetric deg	Asymmetric	93 %	0.690	Bender Wirth: 437 Typ L1
Soleriq P9	asymmetric deg	Asymmetric	90 %	0.900	Bender Wirth: 461 Typ L1



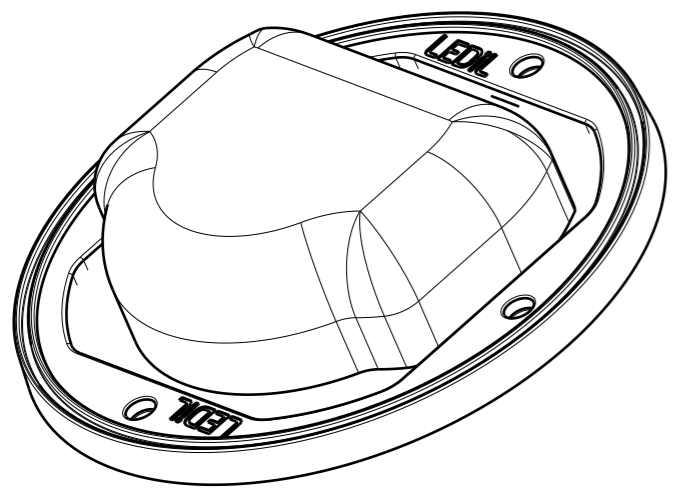
Bottom view



Right view



Front view



Isometric view

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

INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	F13321	STELLA-A	Optical grade LSR	
	F14252	STELLA-FRAME-WHT	PA66GF30	white

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:

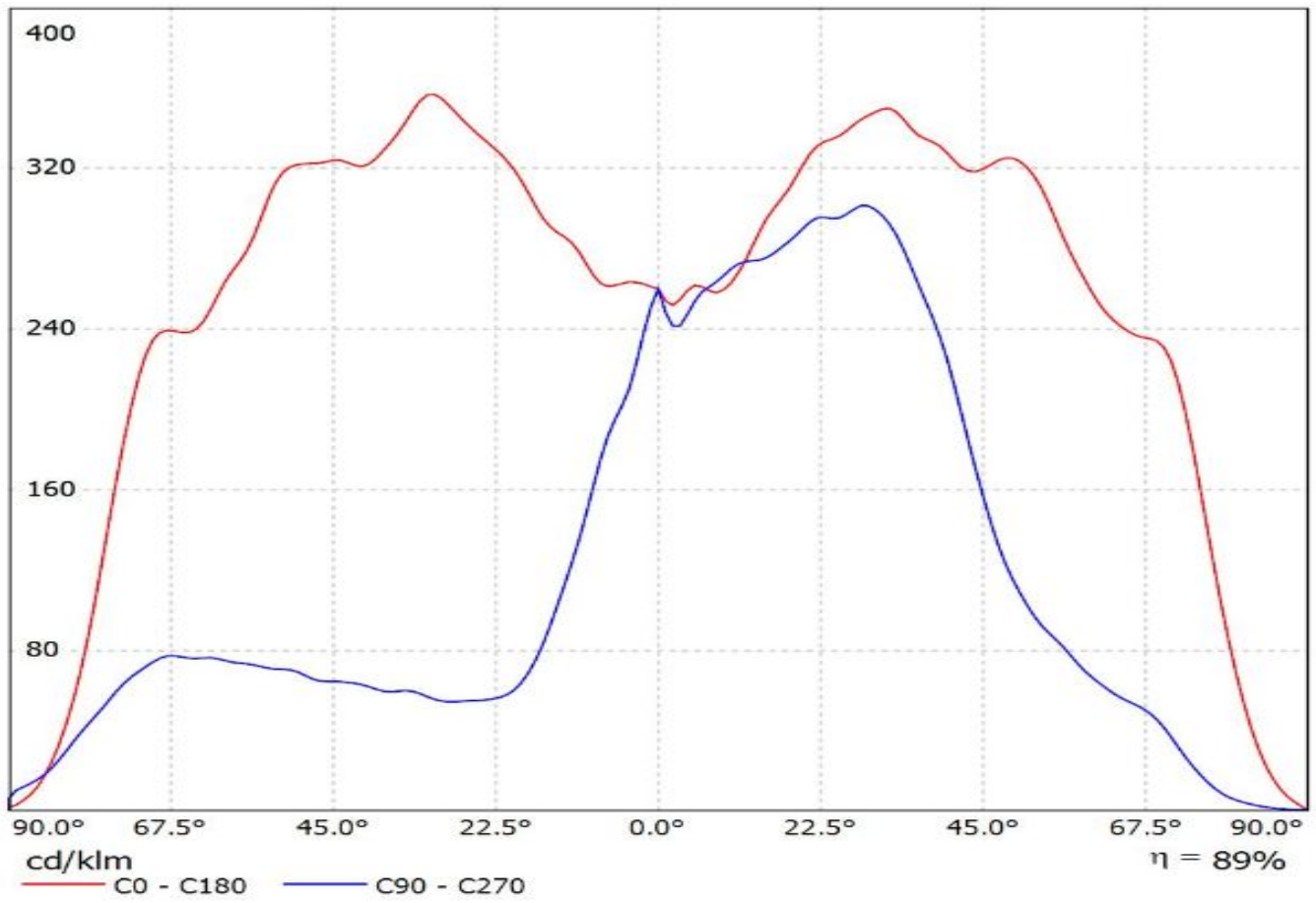
DRAWING TITLE
FN14253_STELLA-A

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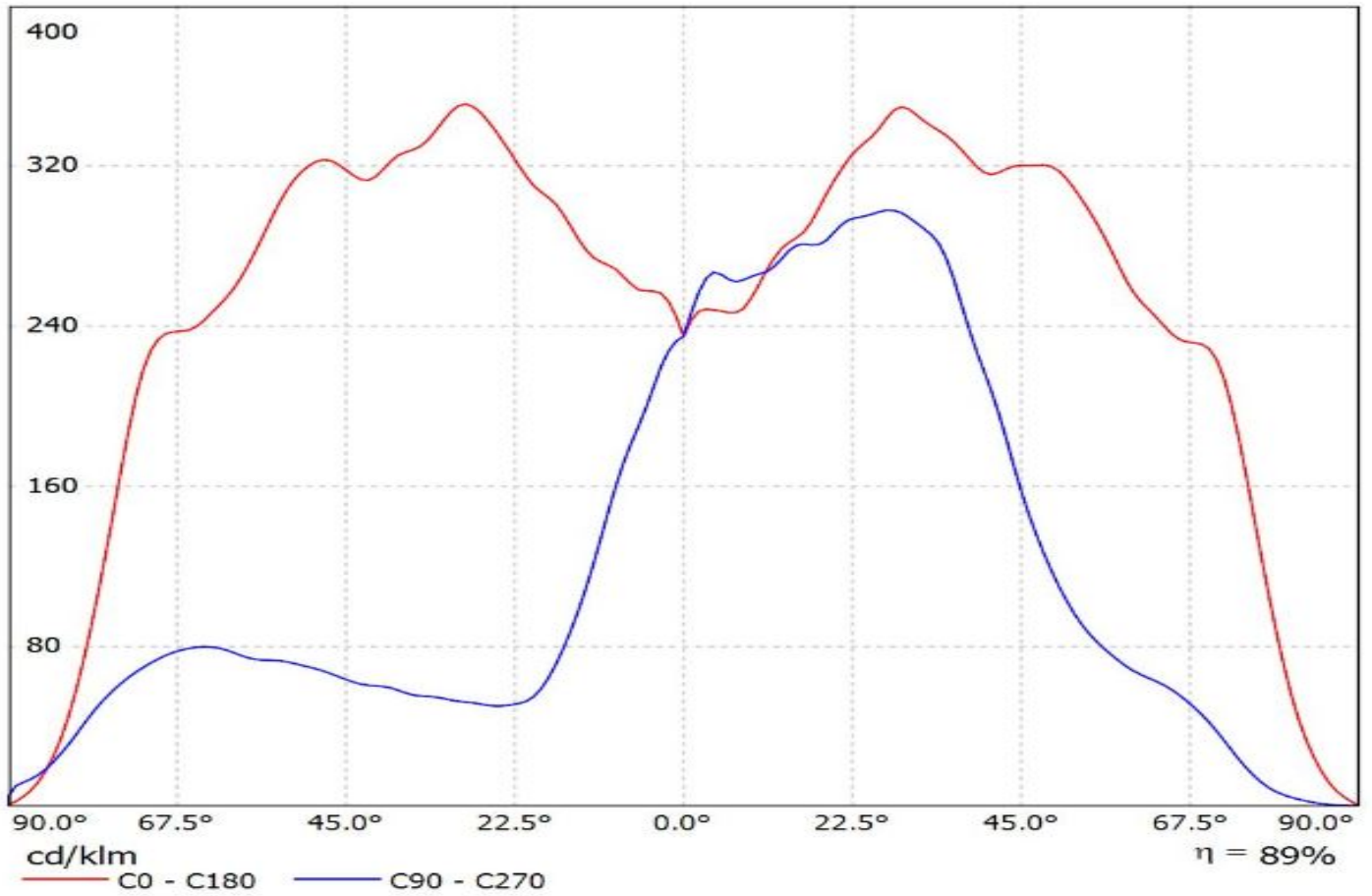
SIZE PART NUMBER
A3 FN14253

SCALE 1:1 WEIGHT 58 g SHEET 1/1

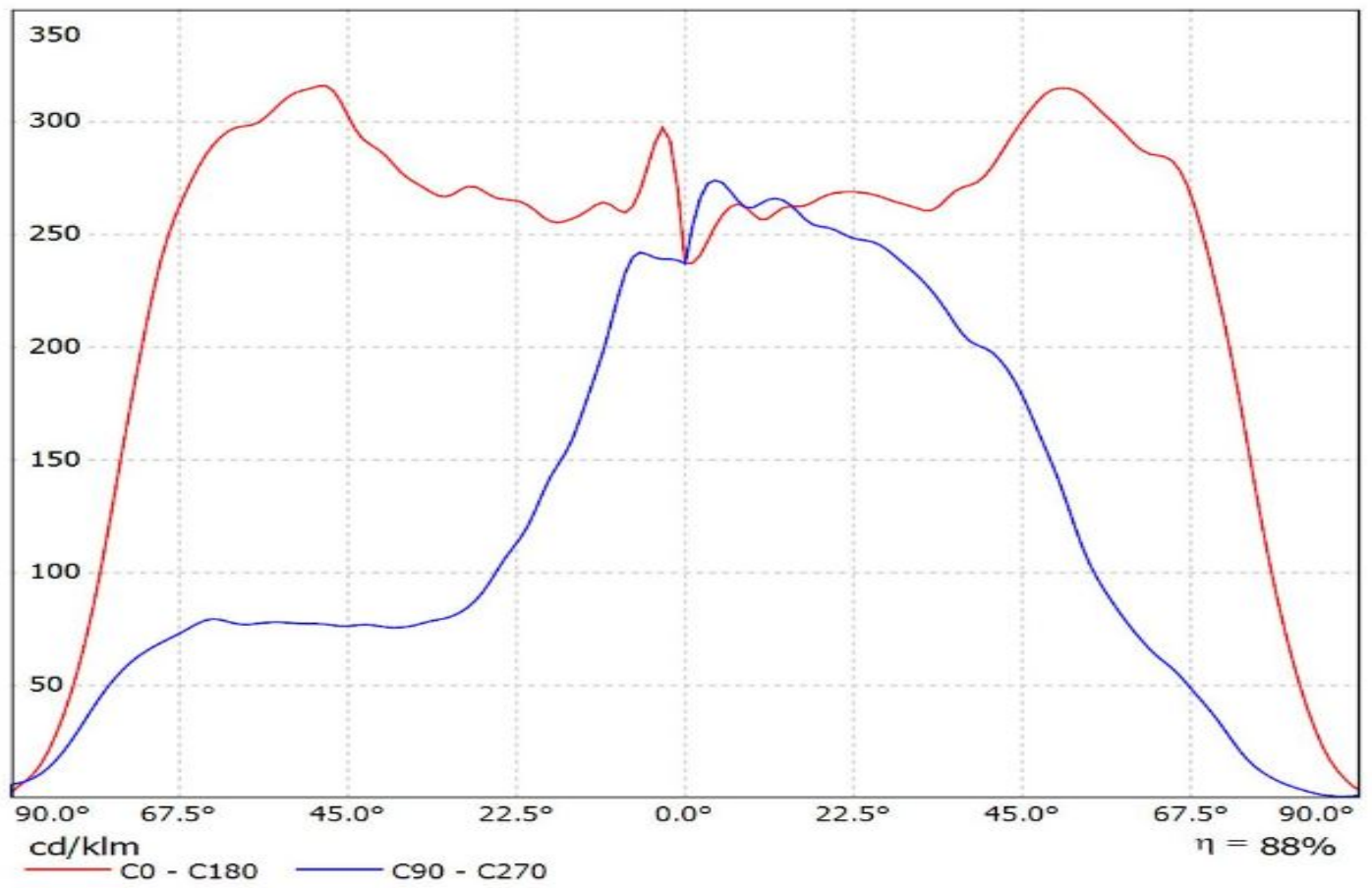
Luminaire: Ledil Oy FN13323_STELLA-A+_Bender+Wirth 434 Typ L1_BRIDGELUX_V10_Gen7_SIMULATED
Lamps: 1 x BRIDGELUX V10 Gen7



Luminaire: Ledil Oy FN13323_STELLA-A+_B+W 433 TypL1_BRIDGELUX_V13_Gen7_SIMULATED
Lamps: 1 x BRIDGELUX V13 Gen7

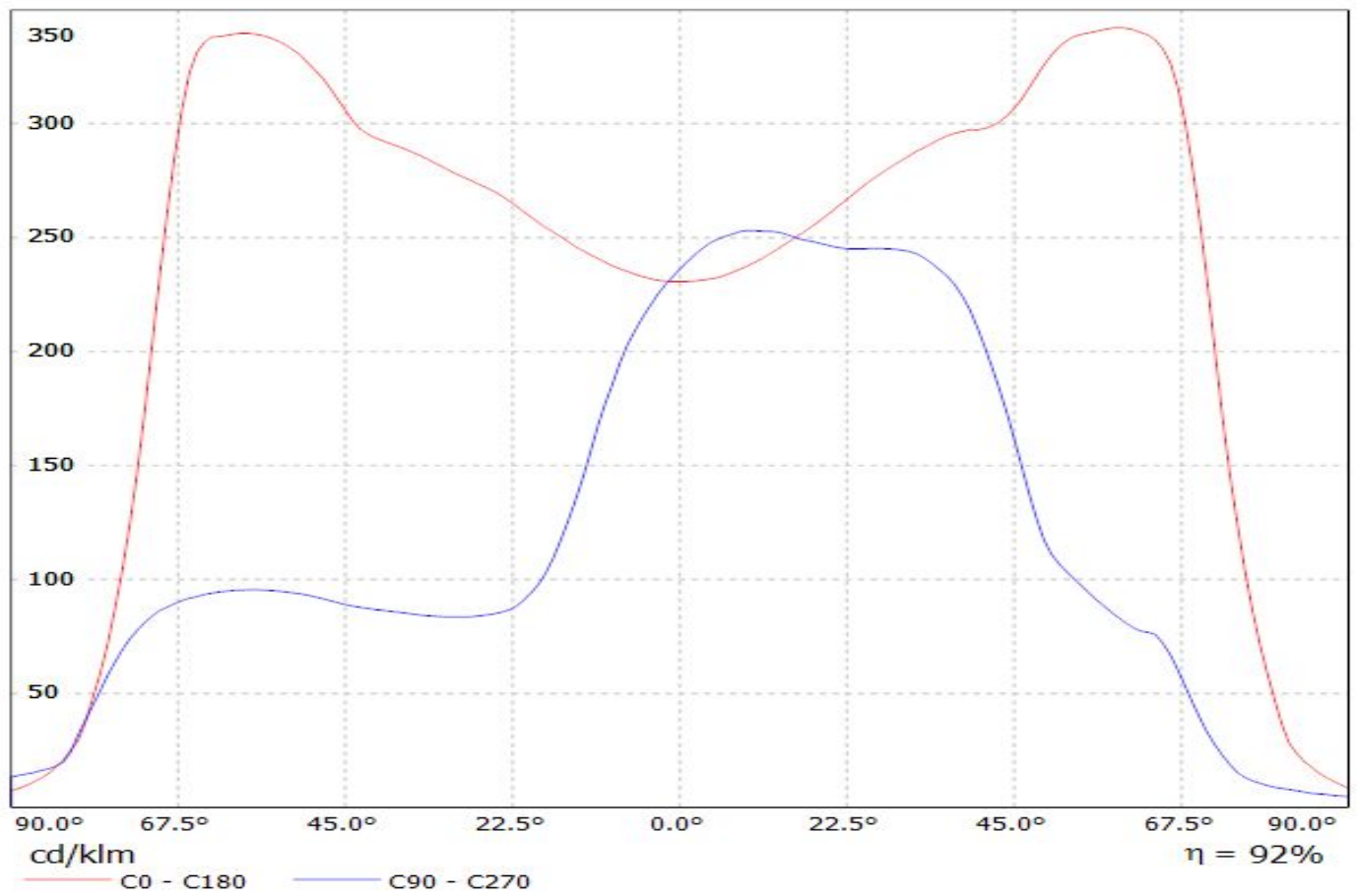


Luminaire: Ledil Oy FN13323_STELLA-A_BRIDGELUX_V18_Gen7_SIMULATED
Lamps: 1 x BRIDGELUX V18 Gen7



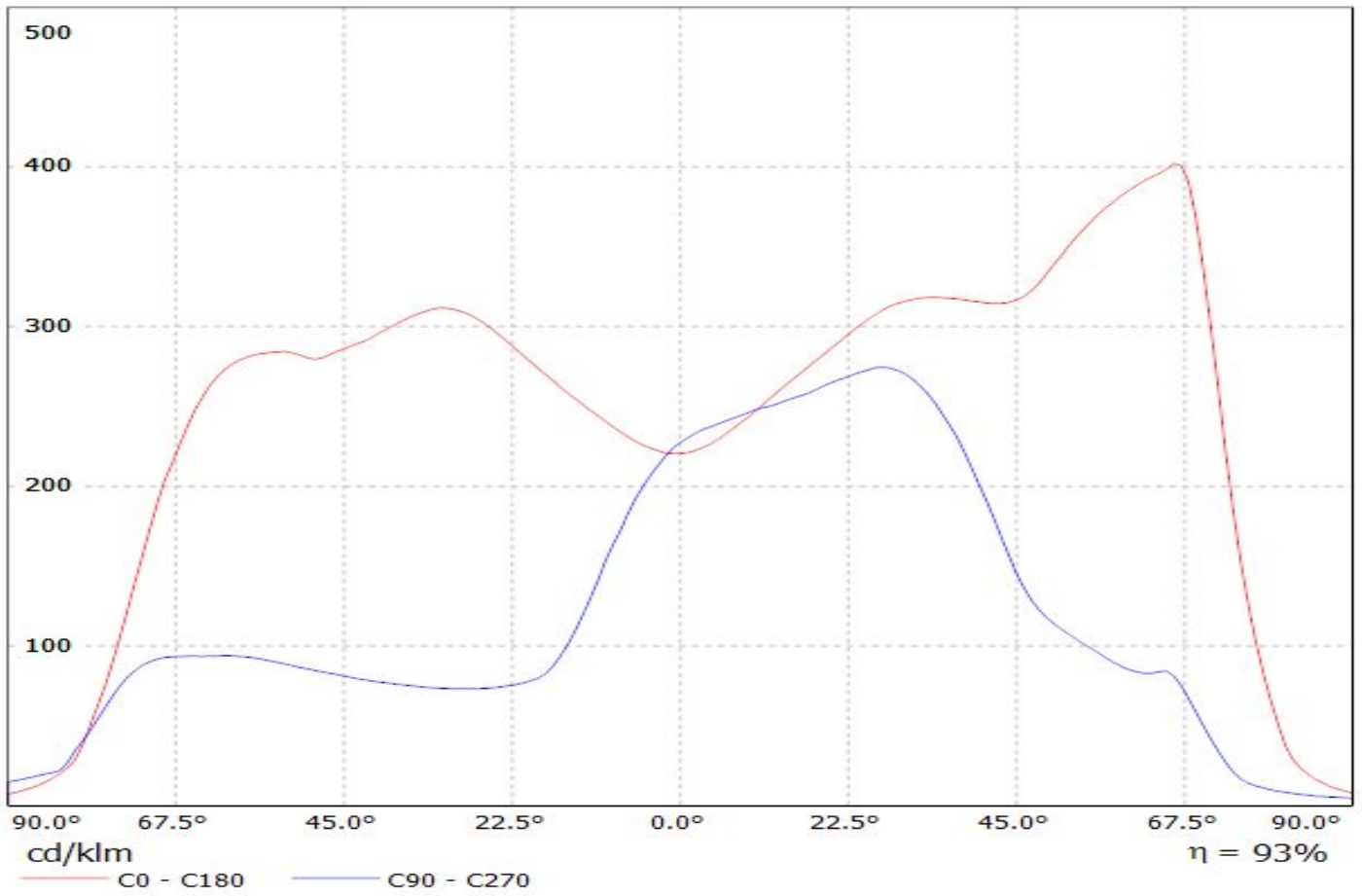
Luminaire: Ledil FN14253_STELLA-A_(CLU034)_(433_Typ_L1)

Lamps: 1 x Citizen_CLU034_(CLU034-1205B8-303M1A2)_1183.28lm@250mA_P=8.5W_I=0.25A



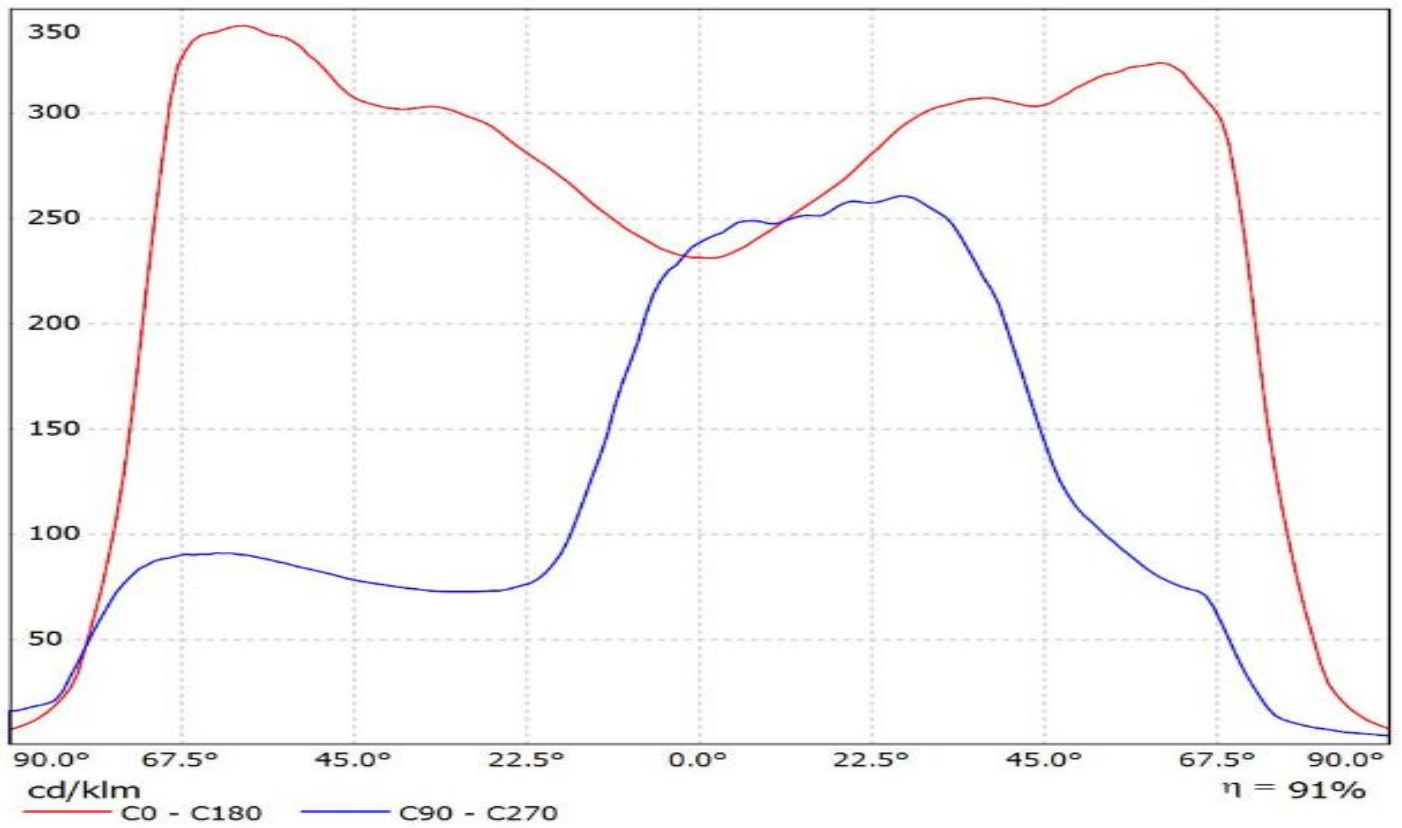
Luminaire: Ledil FN14253_STELLA-A_(CLU720)_ (433_Typ_L1)

Lamps: 1 x Citizen_CLU720_(CLU720-1206B8-273M2G1)_1204.28lm@250mA_P=8.25W_I=0.25A

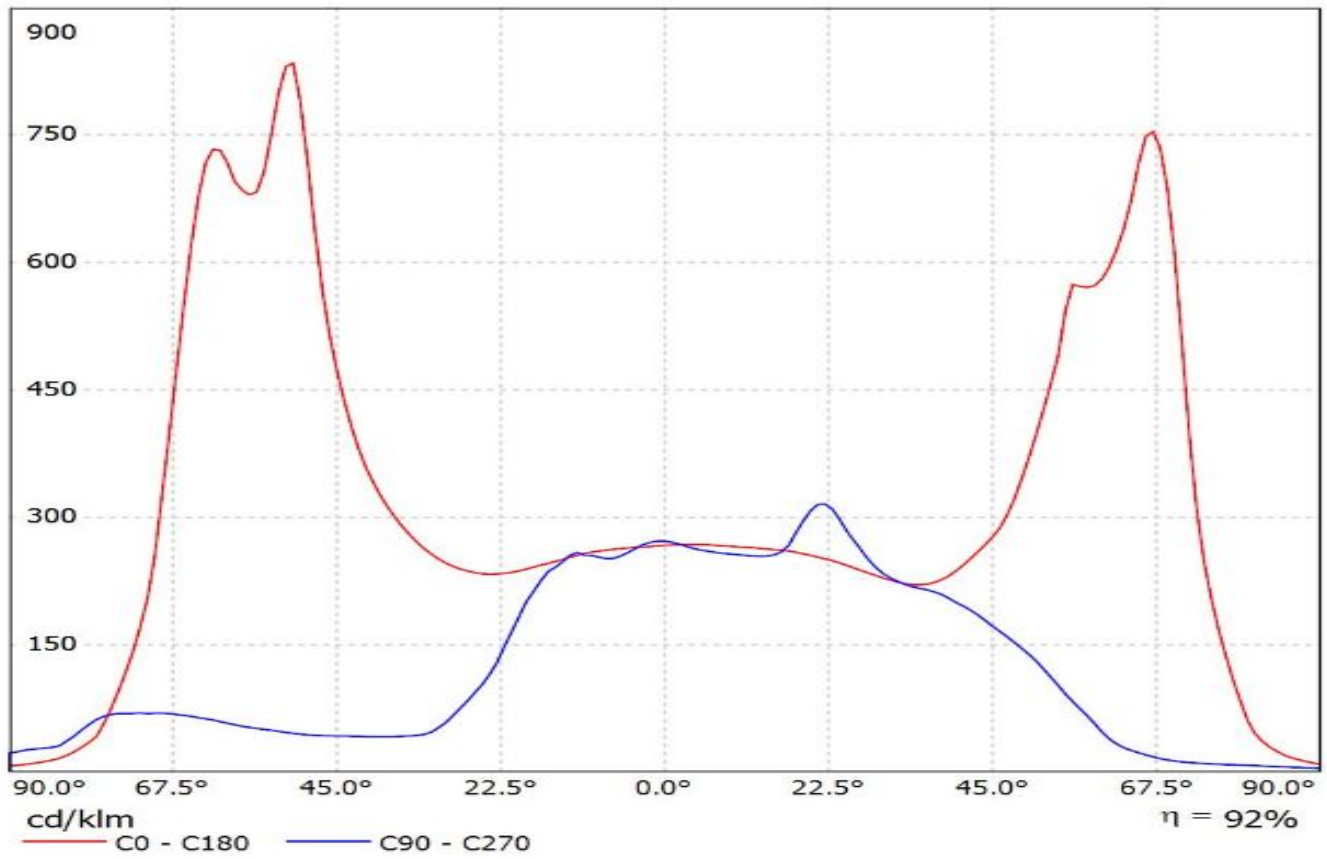


Ledil FN14253_STELLA-A_(CXA1850) / LDC (Linear)

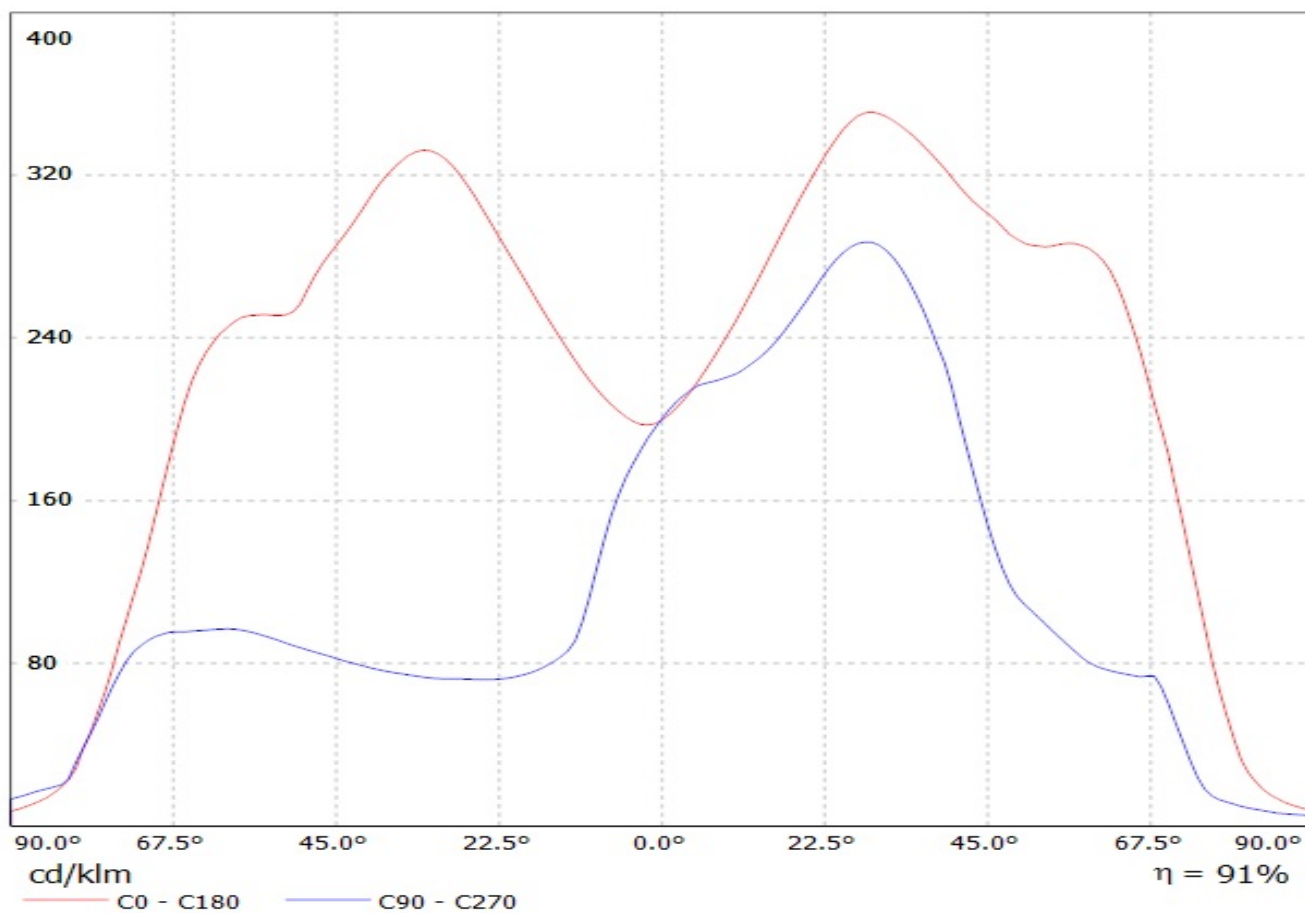
Luminaire: Ledil FN14253_STELLA-A_(CXA1850)
Lamps: 1 x CREE_CXA1850_(CXA1850-30F-T4-N0Y-00001)
_837.004lm@250mA_CCT=3000K_P=8.24W_I=0.25A



Luminaire: Ledil FN14253_STELLA-A_(CXA1520)_(441_Typ_L1) Citizen_CXA1520_(CXA1520-30F-N4-N0H-00001)_(441_Typ_L1)_1038.48lm@250mA_P=8.8025W_I=0.25A
Lamps: 1 x Citizen_CXA1520_(CXA1520-30F-N4-N0H-00001)_(441_Typ_L1)
_1038.48lm@250mA_P=8.8025W_I=0.25A

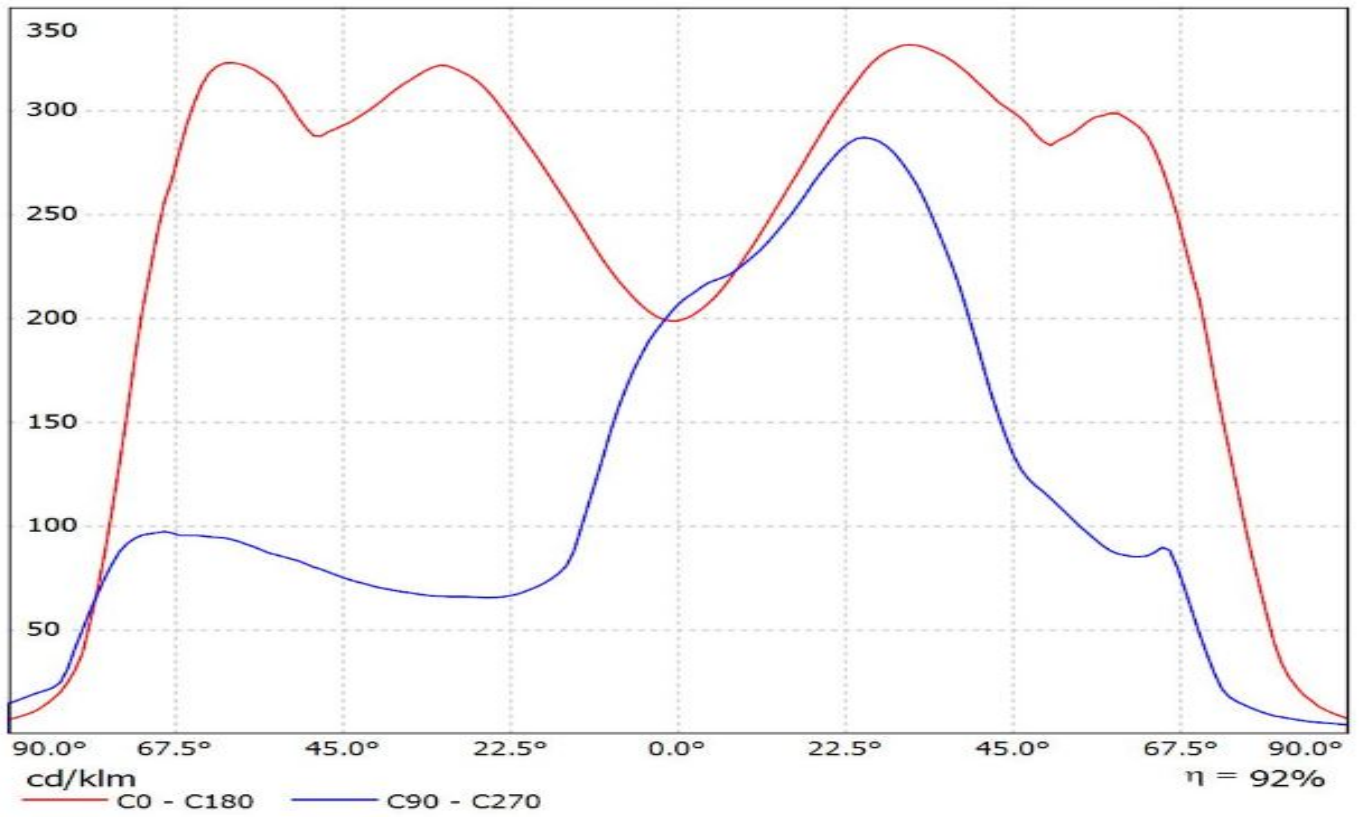


Luminaire: LEDiL Oy FN14253_STELLA-A (Luxeon_CoB_1203) (438_Typ_L1)
Lamps: 1 x Luxeon_CoB_1203_(LHC1-3080-1203)_(438_Typ_L1)_1005.18lm@250mA_P=8.69829W_I=0.2498A



Ledil FN14253_STELLA-A_(NFCLL036B) / LDC (Linear)

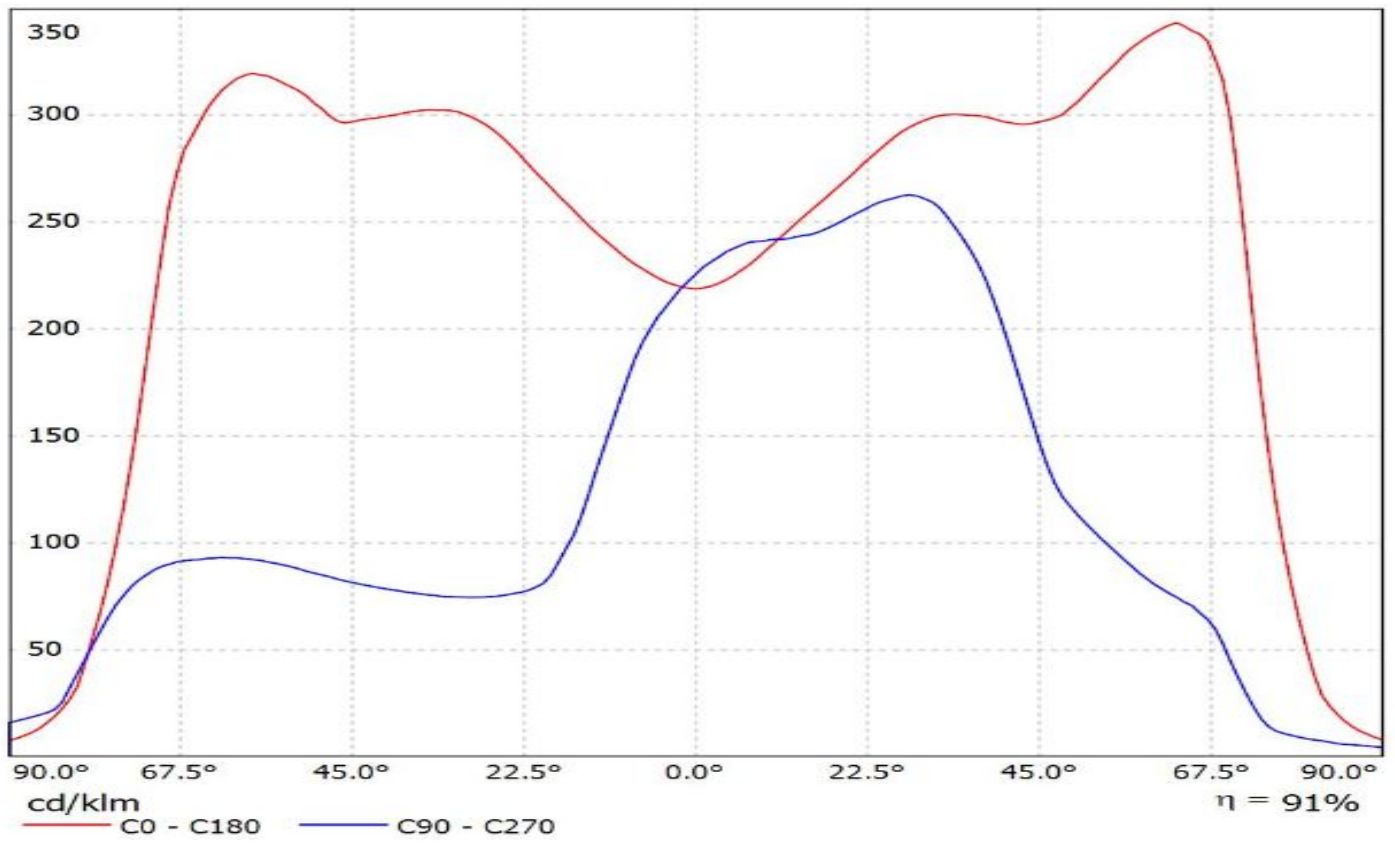
Luminaire: Ledil FN14253_STELLA-A_(NFCLL036B)
Lamps: 1 x Nichia_NFCLL036B_(SM403J1300R8000)
_563.488lm@100mA_CCT=4000K_P=3.35W_I=0.100A



Ledil FN14253_STELLA-A_(NFCLL060B) / LDC (Linear)

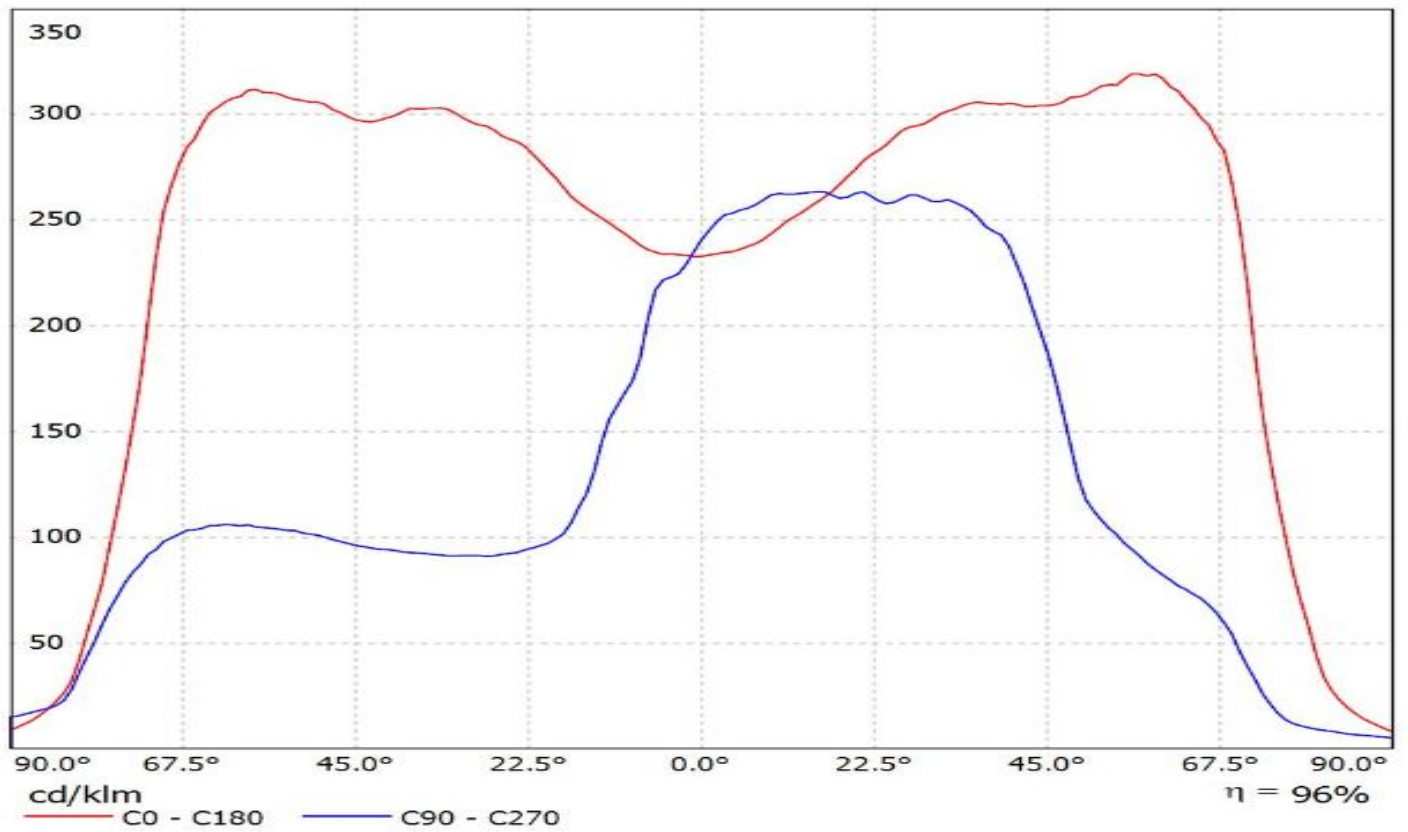
Luminaire: Ledil FN14253_STELLA-A_(NFCLL060B)

Lamps: 1 x Nichia_NFCLL060B_(sm406G2450R8000)_1368.94lm@250mA_P=8.5W_I=0.25A



Ledil FN14253_STELLA-A_(P13) / LDC (Linear)

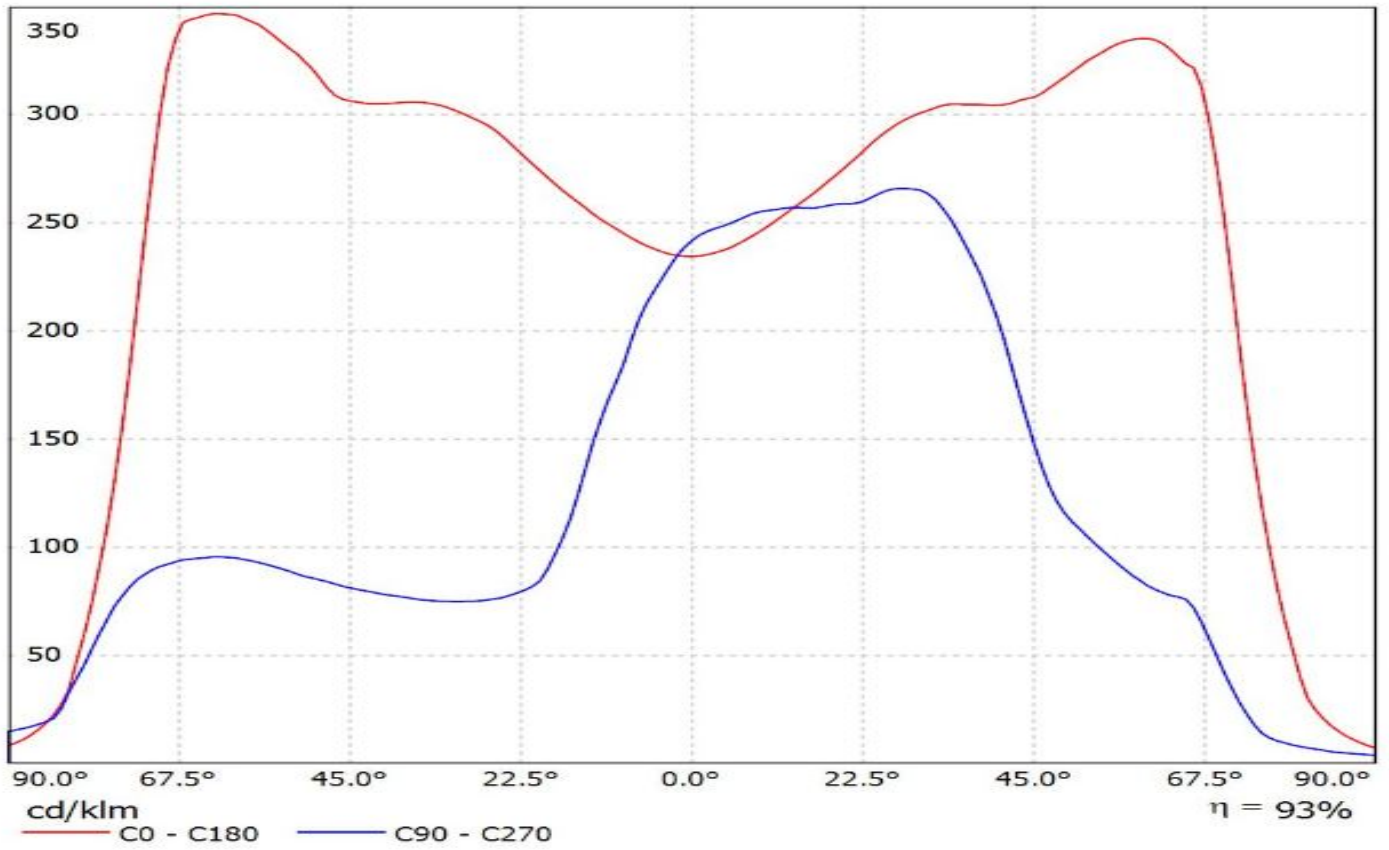
Luminaire: Ledil FN14253_STELLA-A_(P13)
Lamps: 1 x Osram Soleriq P13 (GW MAGMB1.EM)
_929.576lm@250mA_CCT=3500K_P=8.72876W_I=249.8mA



Ledil FN14253_STELLA-A_(Soleriq_S13) / LDC (Linear)

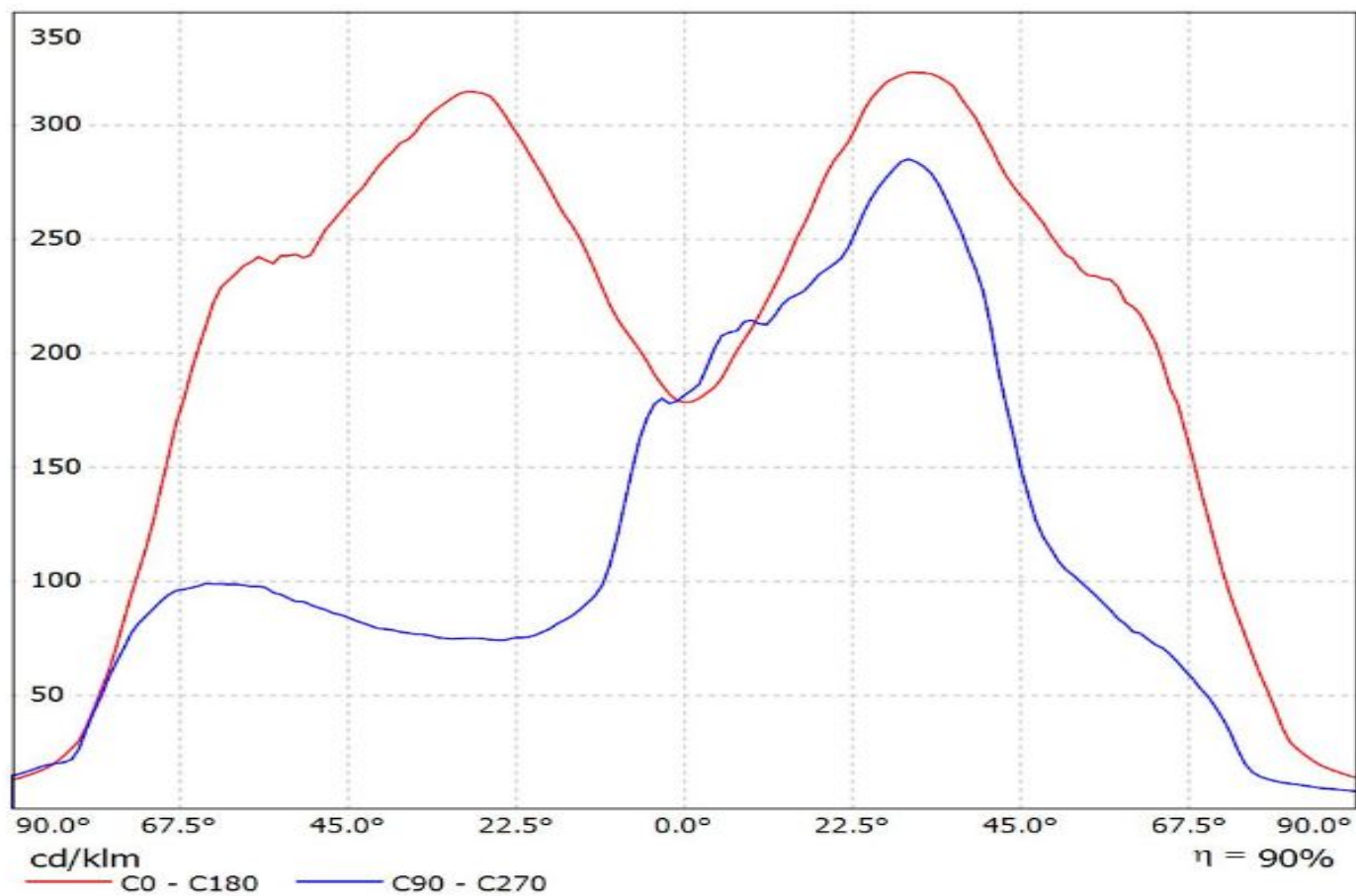
Luminaire: Ledil FN14253_STELLA-A_(Soleriq_S13)

Lamps: 1 x Osram_Soleriq_S13_(GW_KAGHB1.EM)_875.214lm@250mA_P=7.44679W_I=250mA

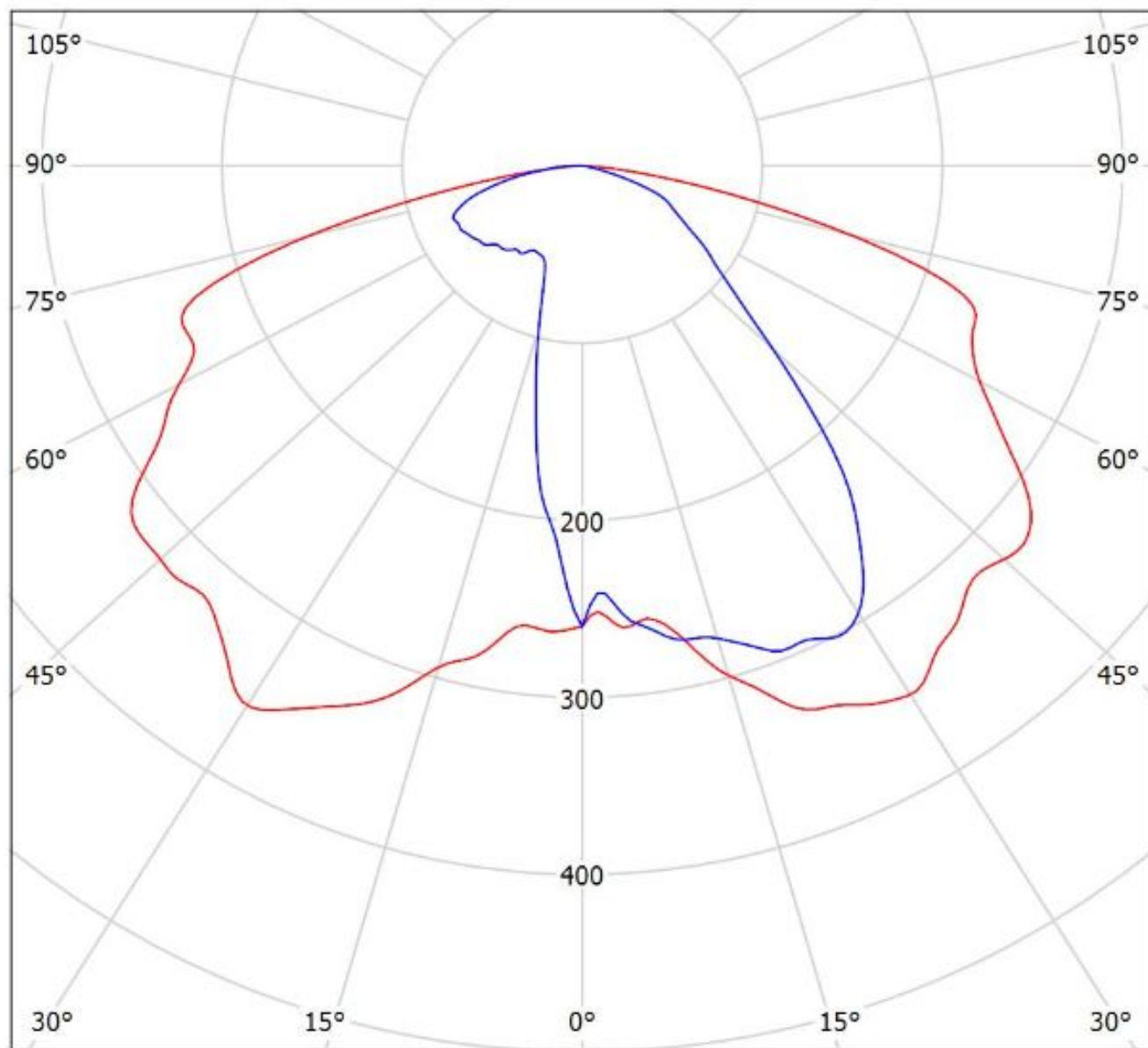


Luminaire: Ledil FN14253_STELLA-A_(Soleriq_P9)

Lamps: 1 x Osram_Soleriq_P9_(GW_MAFJB1.EM)_976.011lm@250mA_CCT=4299K_P=6.9W_I=0.25A



Luminaire: Ledil Oy FN13323_STELLA-A+_Bender+Wirth 434 Typ L1_BRIDGELUX_V10_Gen7_SIMULATED
Lamps: 1 x BRIDGELUX V10 Gen7

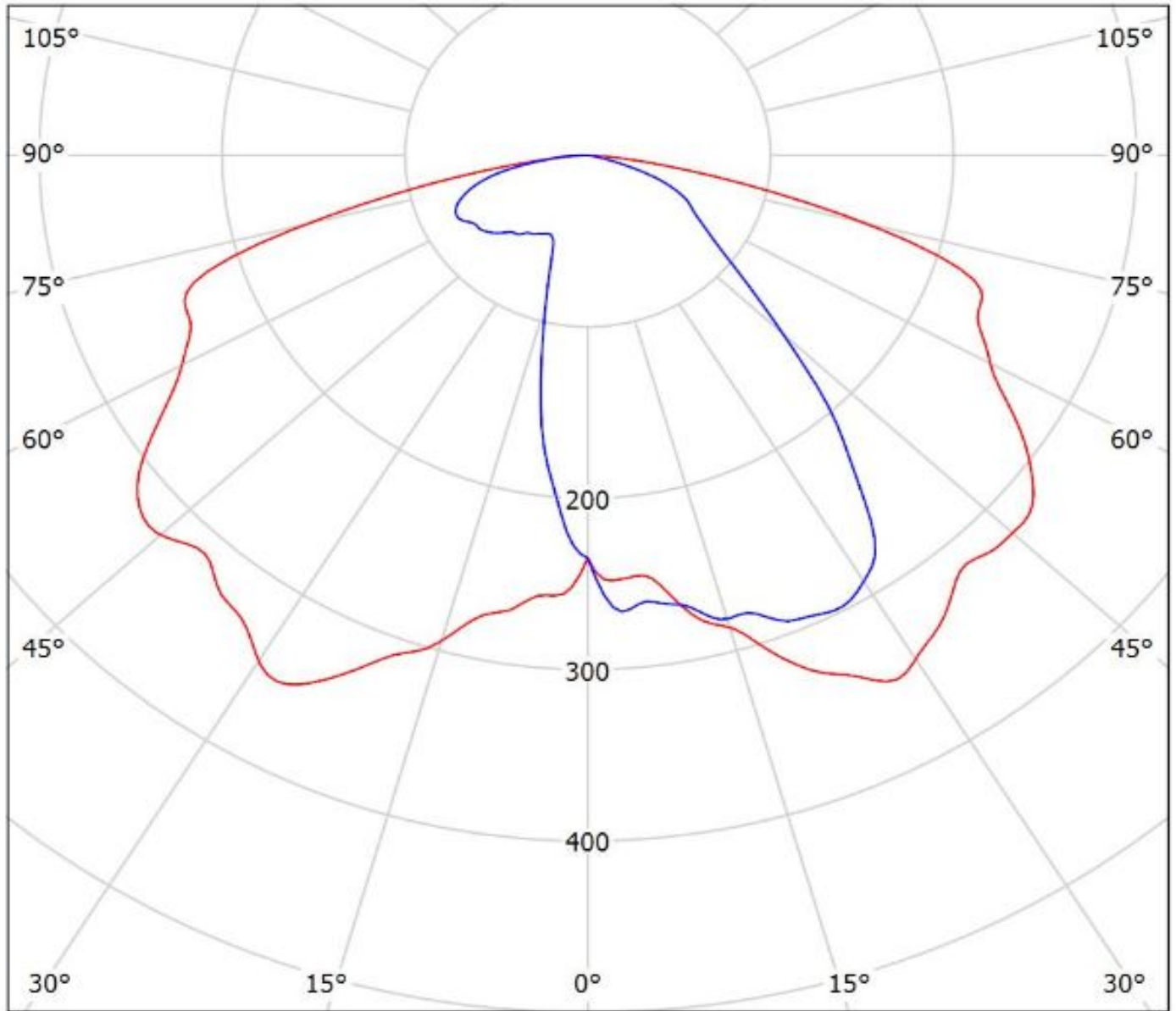


cd/klm

— C0 - C180 — C90 - C270

$\eta = 89\%$

Luminaire: Ledil Oy FN13323_STELLA-A+_B+W 433 TypL1_BRIDGELUX_V13_Gen7_SIMULATED
Lamps: 1 x BRIDGELUX V13 Gen7

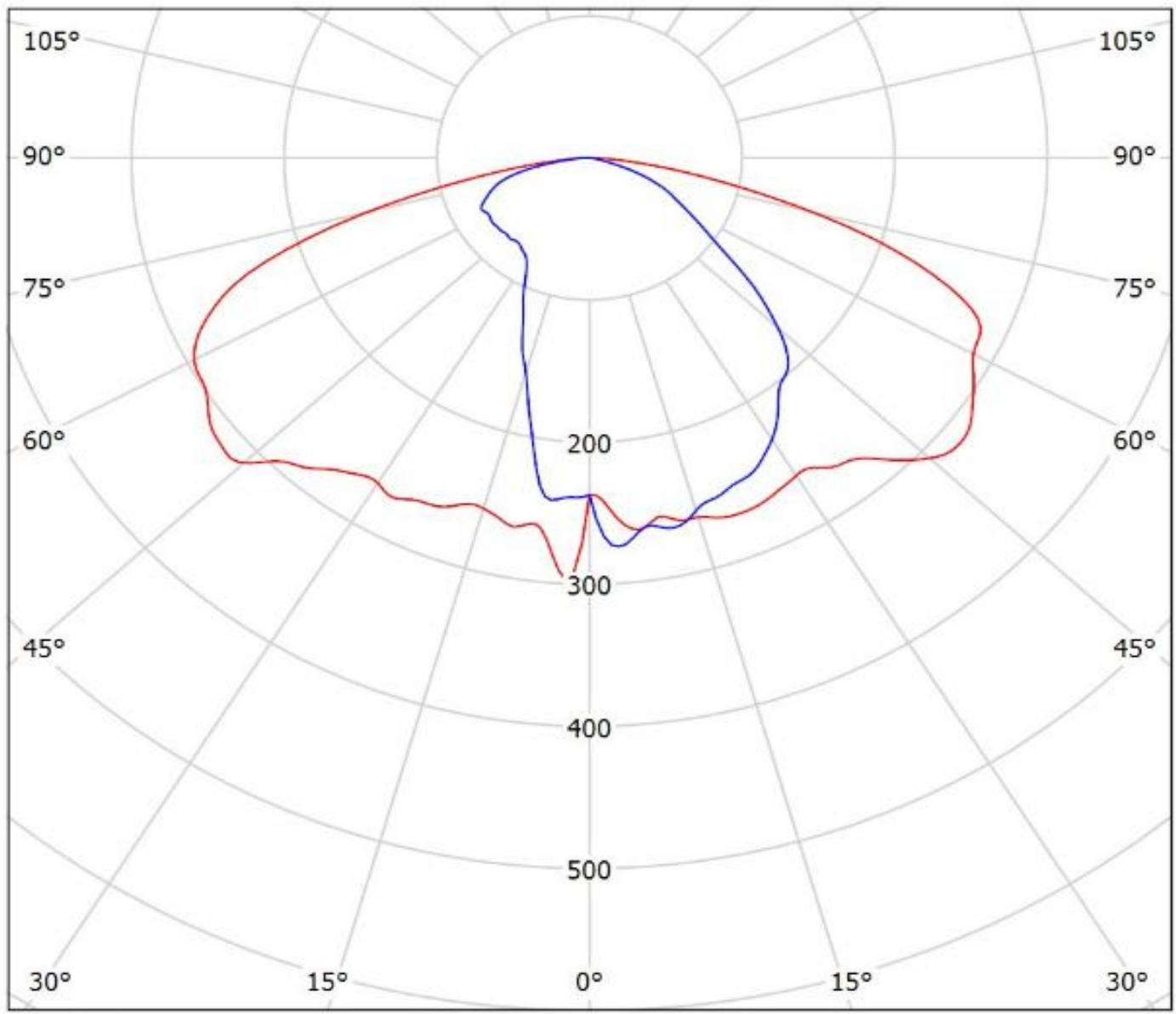


cd/klm

— C0 - C180 — C90 - C270

$\eta = 89\%$

Luminaire: Ledil Oy FN13323_STELLA-A_BRIDGELUX_V18_Gen7_SIMULATED
Lamps: 1 x BRIDGELUX V18 Gen7

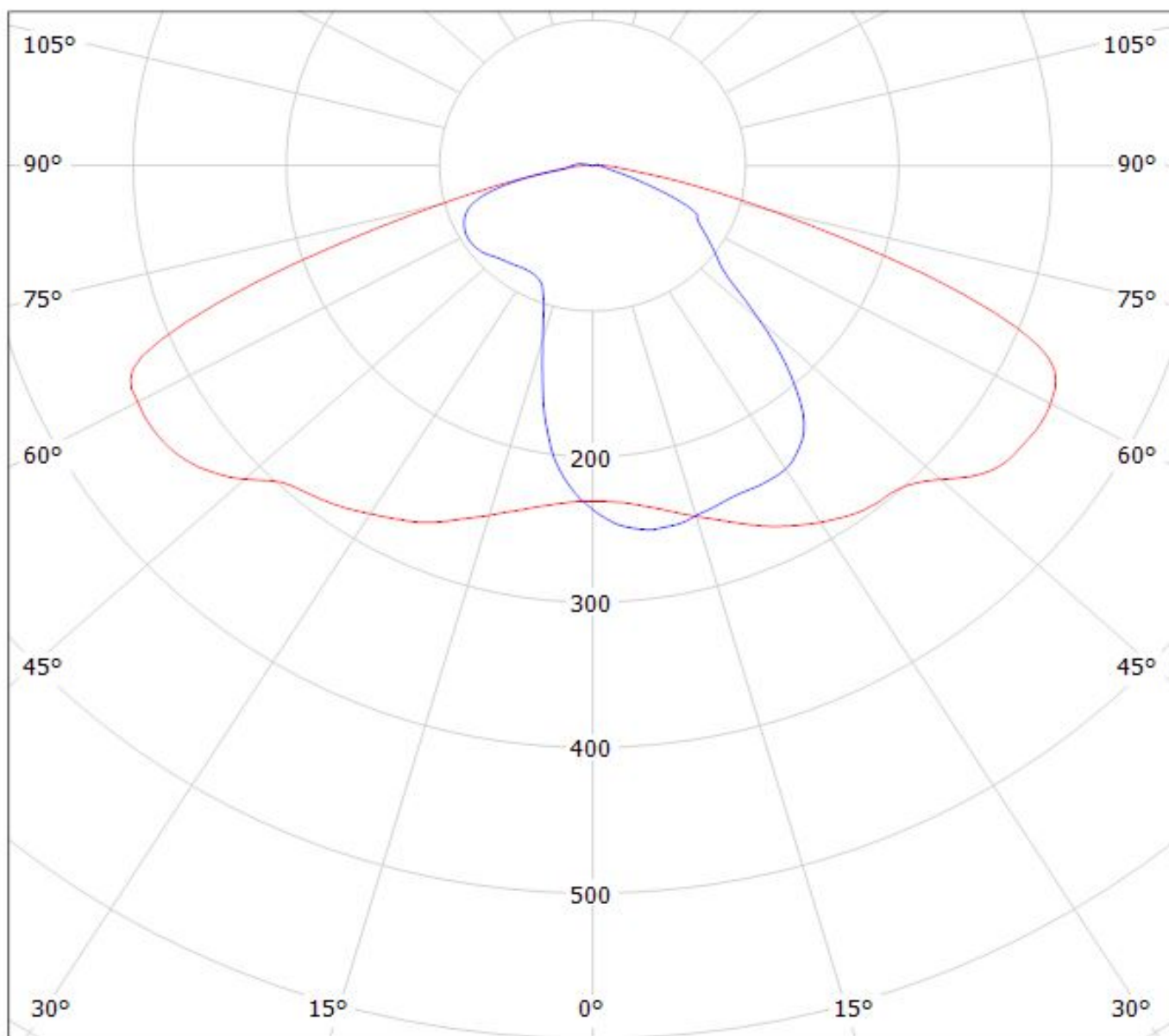


cd/klm
— C0 - C180 — C90 - C270

$\eta = 88\%$

Luminaire: Ledil FN14253_STELLA-A_(CLU034)_(433_Typ_L1)

Lamps: 1 x Citizen_CLU034_(CLU034-1205B8-303M1A2)_1183.28lm@250mA_P=8.5W_I=0.25A



cd/klm

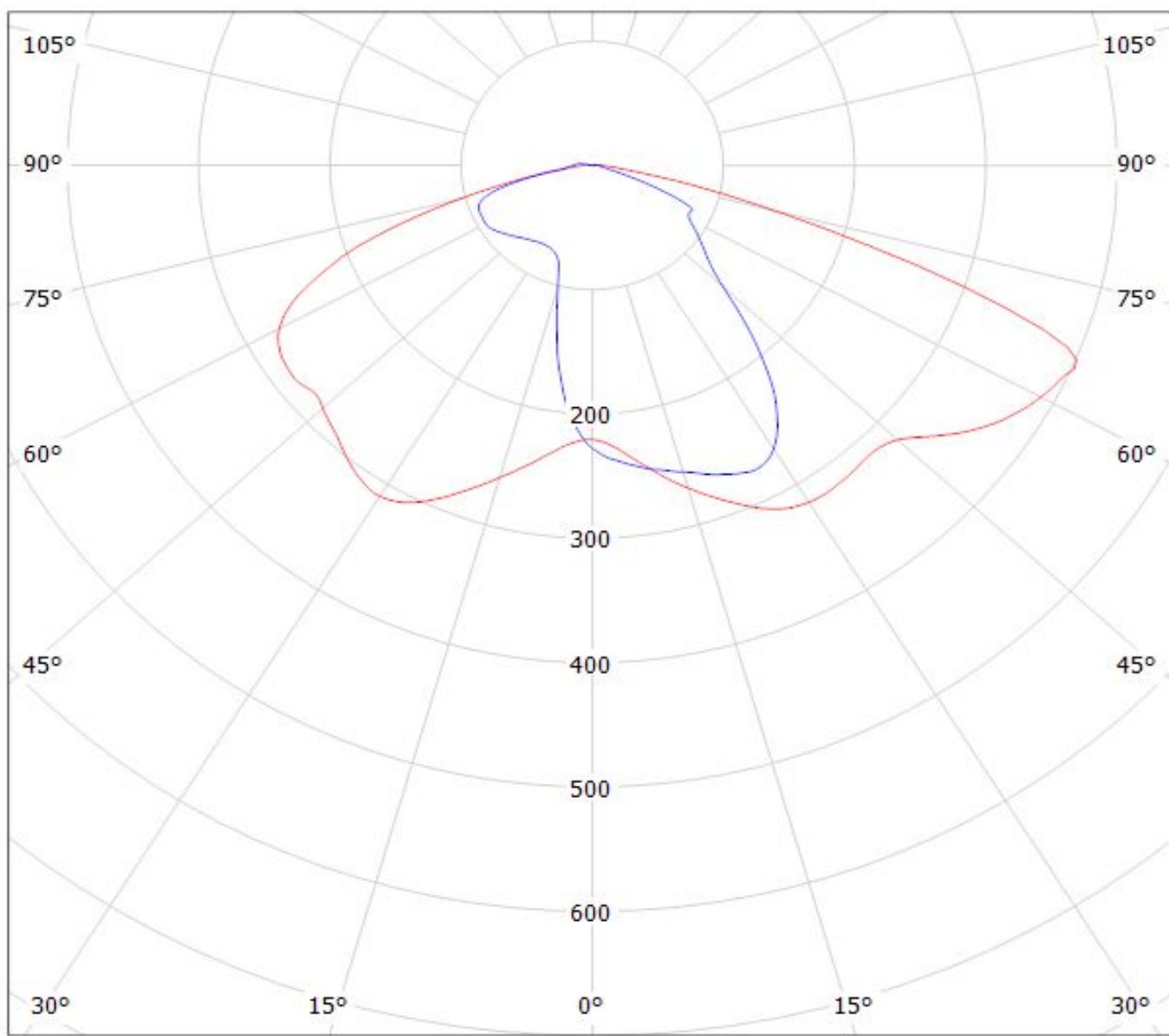
— C0 - C180

— C90 - C270

$\eta = 92\%$

Luminaire: Ledil FN14253_STELLA-A_(CLU720)_(433_Typ_L1)

Lamps: 1 x Citizen_CLU720_(CLU720-1206B8-273M2G1)_1204.28lm@250mA_P=8.25W_I=0.25A



cd/klm

— C0 - C180

— C90 - C270

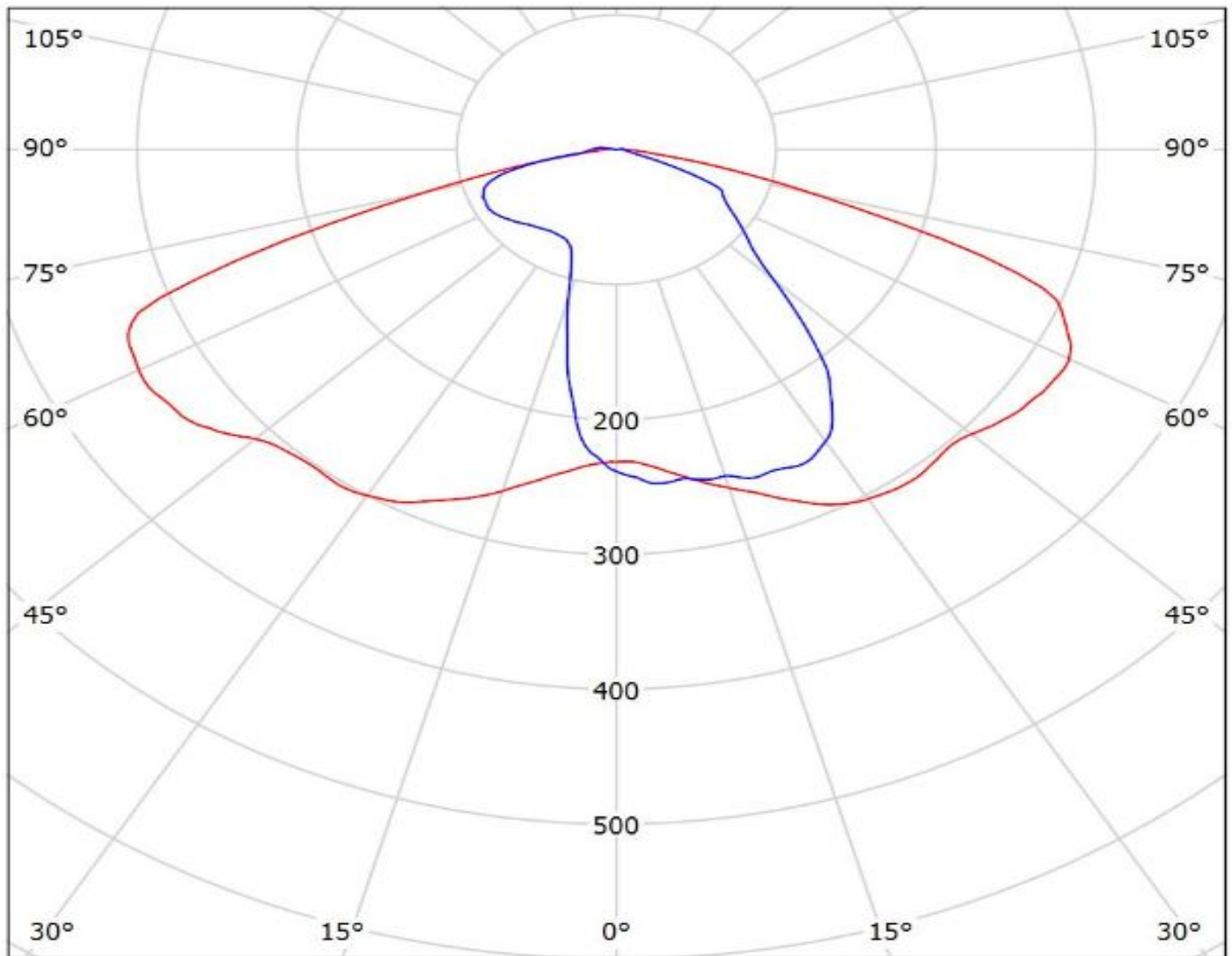
$\eta = 93\%$

Ledil FN14253_STELLA-A_(CXA1850) / LDC (Polar)

Luminaire: Ledil FN14253_STELLA-A_(CXA1850)

Lamps: 1 x CREE_CXA1850_(CXA1850-30F-T4-N0Y-00001)

_837.004lm@250mA_CCT=3000K_P=8.24W_I=0.25A



cd/klm

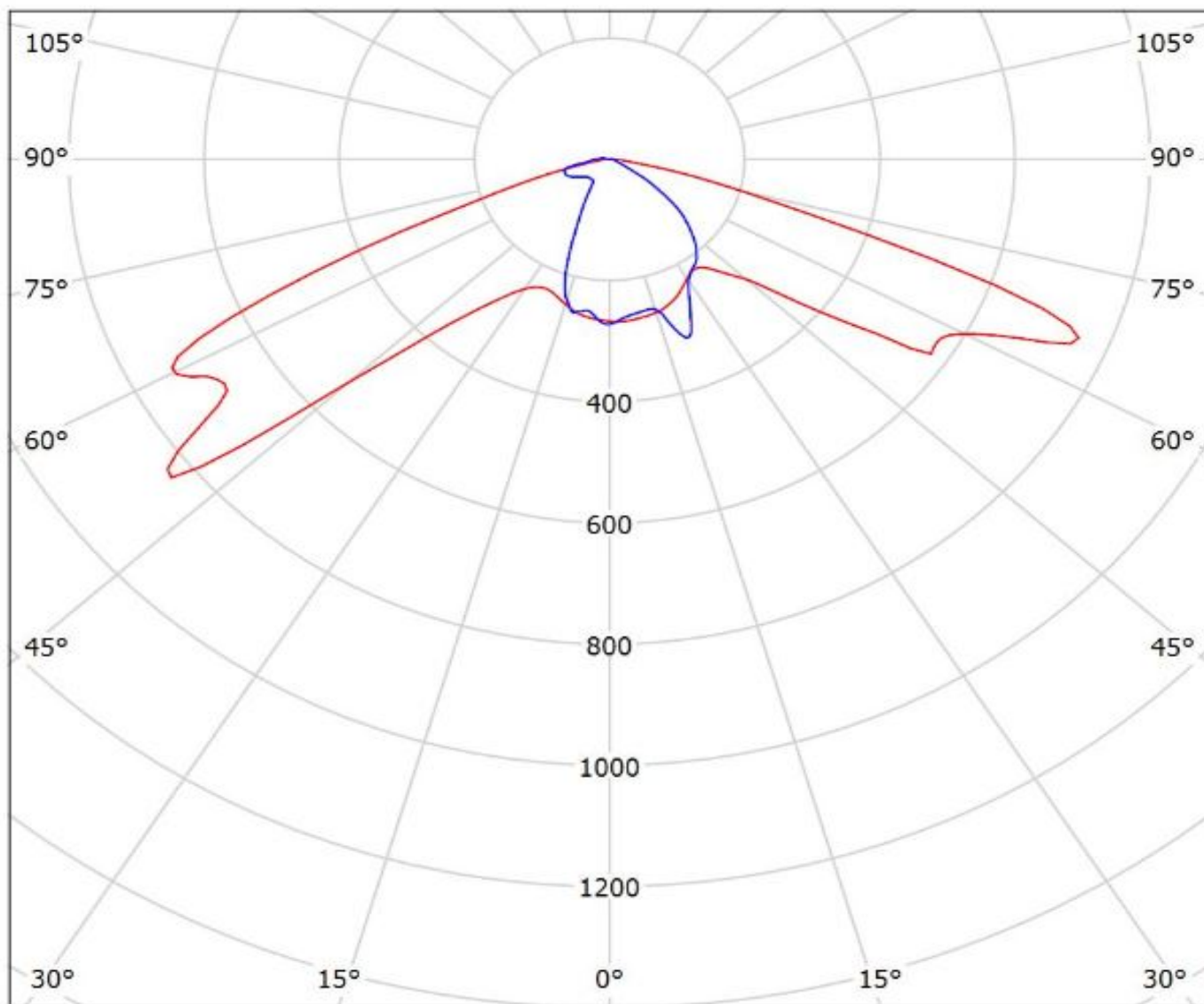
— C0 - C180

— C90 - C270

$\eta = 91\%$

Luminaire: Ledil FN14253_STELLA-A_(CXA1520)_(441_Typ_L1) Citizen_CXA1520_(CXA1520-30F-N4-N0H-00001)_(441_Typ_L1)_1038.48lm@250mA_P=8.8025W_I=0.25A

Lamps: 1 x Citizen_CXA1520_(CXA1520-30F-N4-N0H-00001)_(441_Typ_L1)
_1038.48lm@250mA_P=8.8025W_I=0.25A



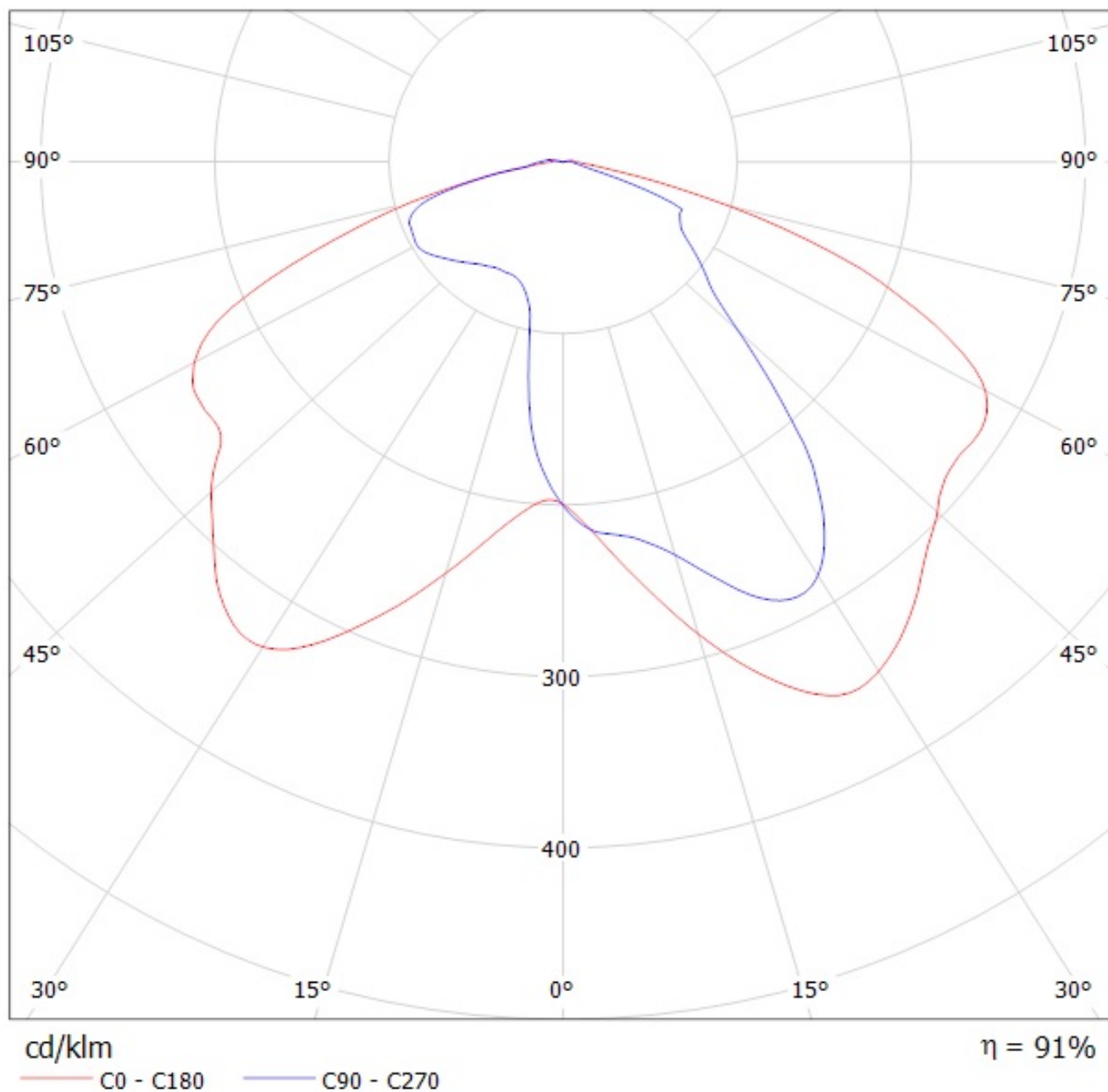
cd/klm

— C0 - C180 — C90 - C270

$\eta = 92\%$

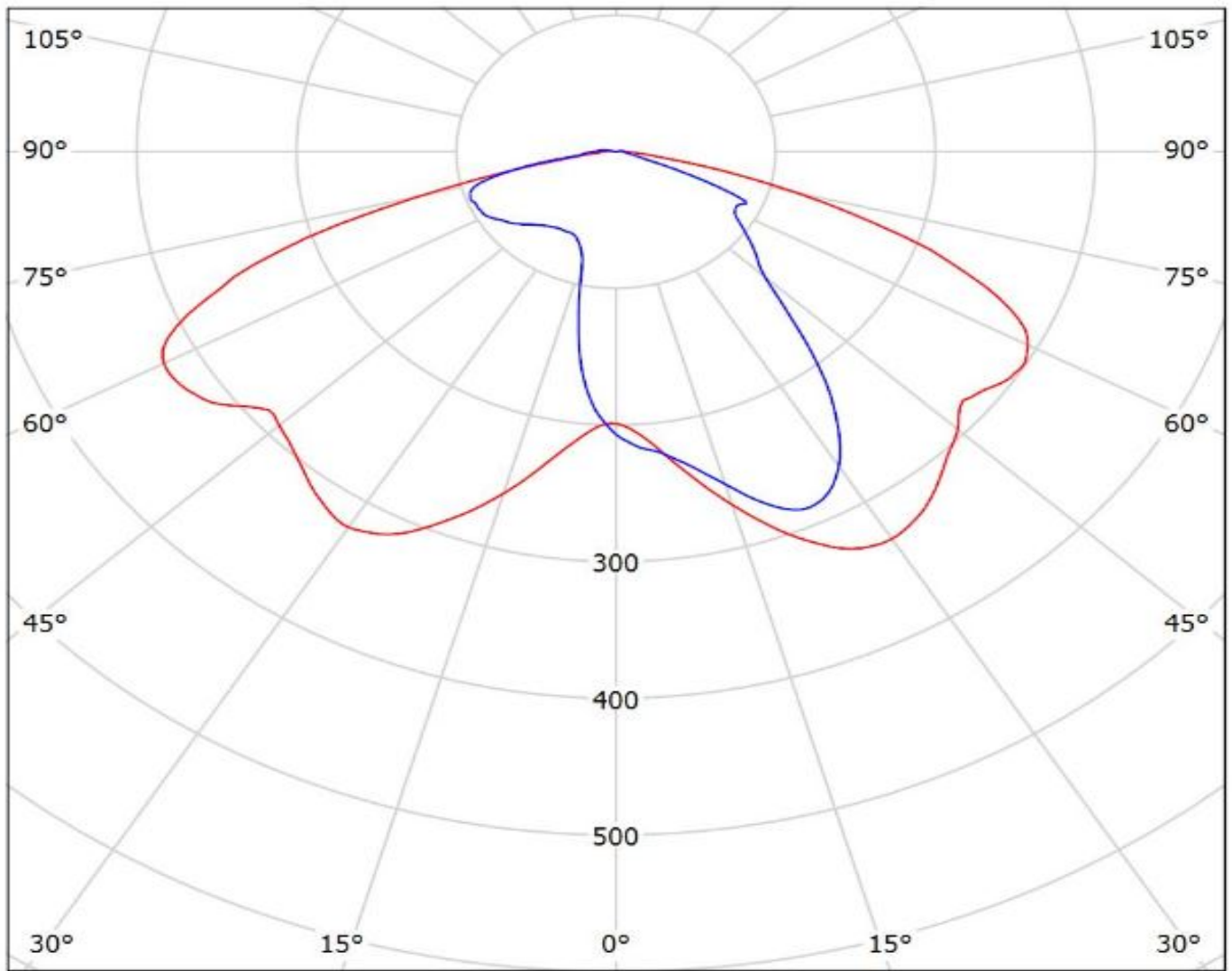
Luminaire: LEDiL Oy FN14253_STELLA-A_(Luxeon_CoB_1203)_ (438_Typ_L1)

Lamps: 1 x Luxeon_CoB_1203_(LHC1-3080-1203)_ (438_Typ_L1)_ 1005.18lm@250mA_P=8.69829W_I=0.2498A



Ledil FN14253_STELLA-A_(NFCLL036B) / LDC (Polar)

Luminaire: Ledil FN14253_STELLA-A_(NFCLL036B)
Lamps: 1 x Nichia_NFCLL036B_(SM403J1300R8000)
_563.488lm@100mA_CCT=4000K_P=3.35W_I=0.100A



cd/klm

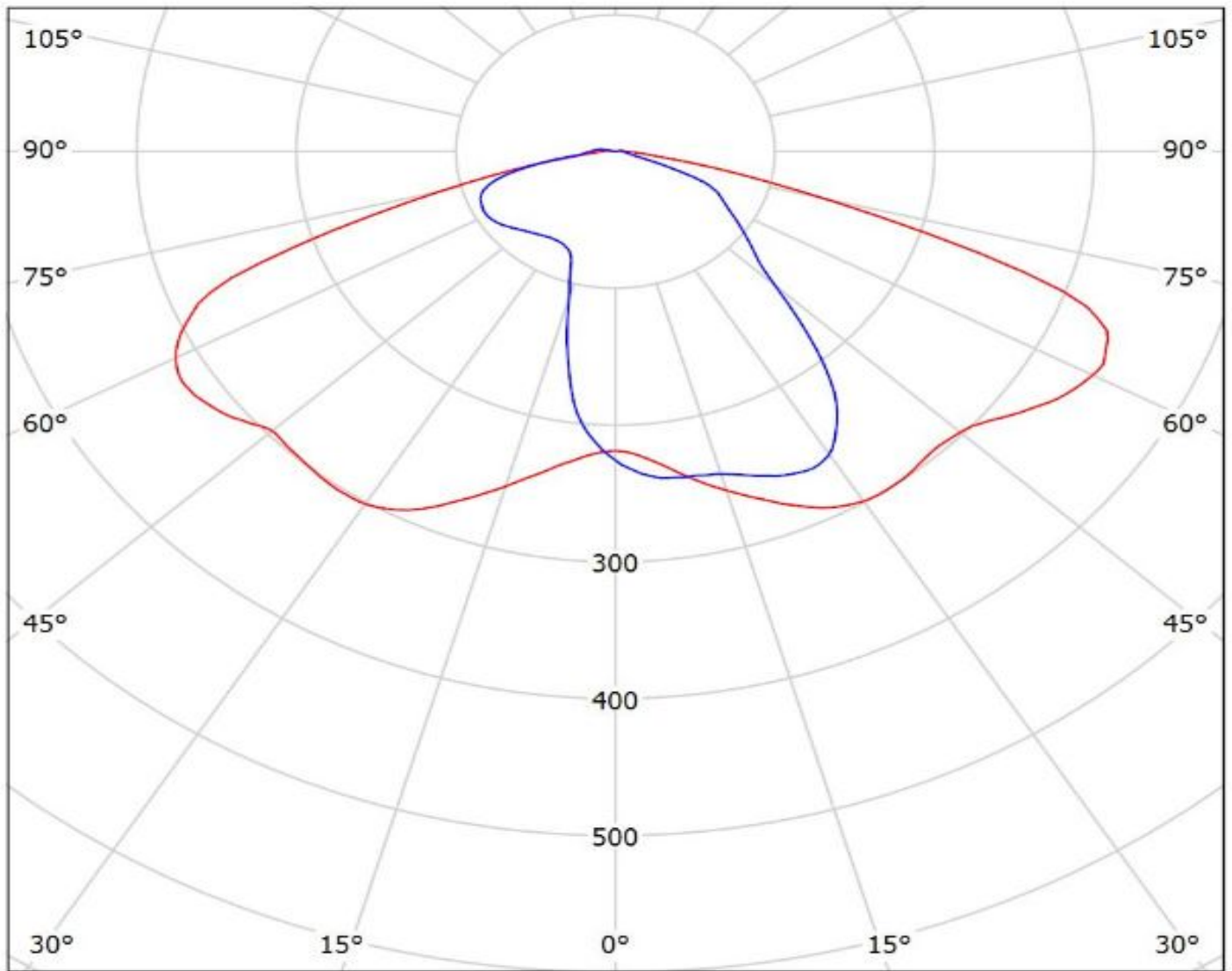
— C0 - C180 — C90 - C270

$\eta = 92\%$

Ledil FN14253_STELLA-A_(NFCLL060B) / LDC (Polar)

Luminaire: Ledil FN14253_STELLA-A_(NFCLL060B)

Lamps: 1 x Nichia_NFCLL060B_(sm406G2450R8000)_1368.94lm@250mA_P=8.5W_I=0.25A



cd/klm

— C0 - C180 — C90 - C270

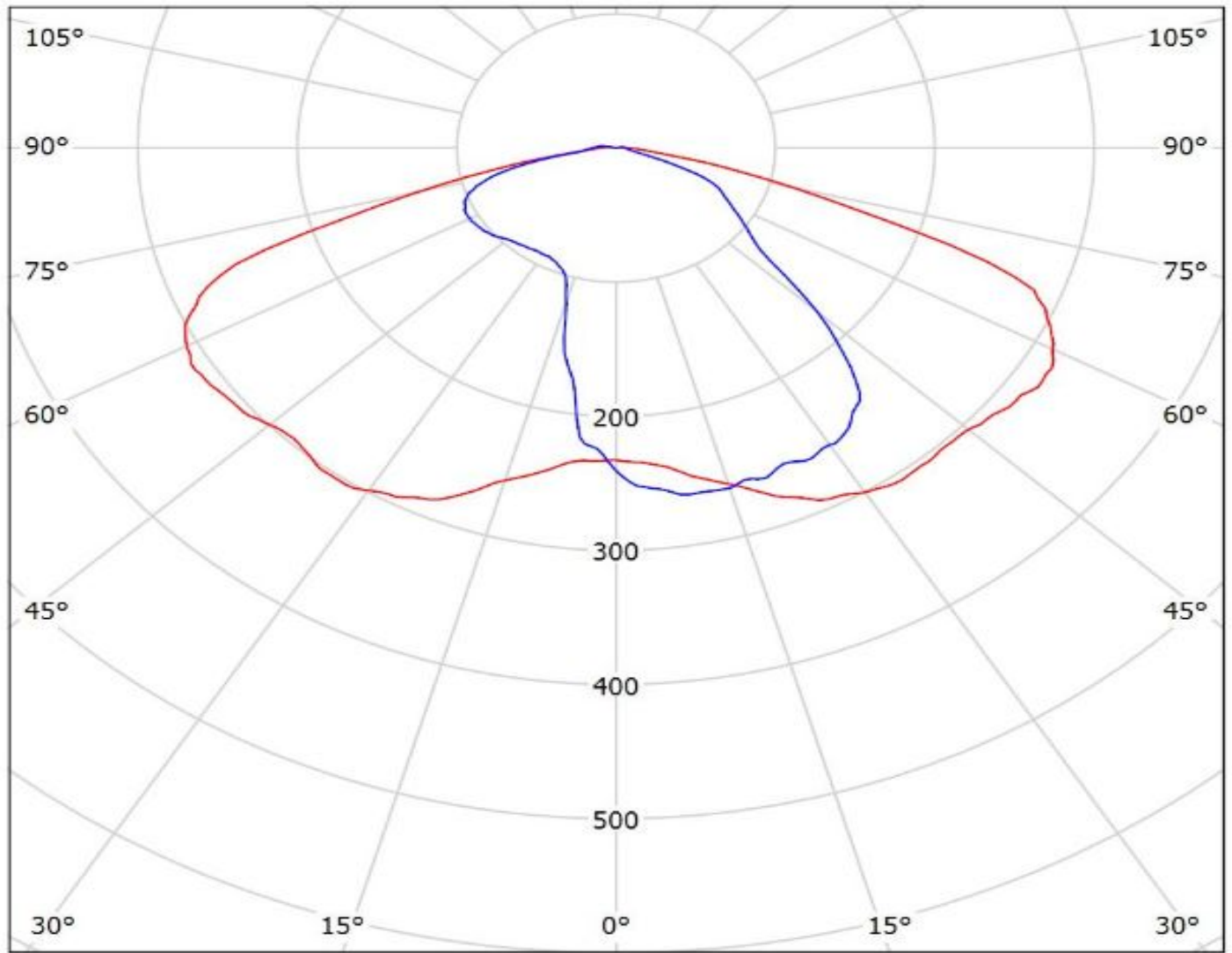
$\eta = 91\%$

Ledil FN14253_STELLA-A_(P13) / LDC (Polar)

Luminaire: Ledil FN14253_STELLA-A_(P13)

Lamps: 1 x Osram Soleriq P13 (GW MAGMB1.EM)

_929.576lm@250mA_CCT=3500K_P=8.72876W_I=249.8mA



cd/klm

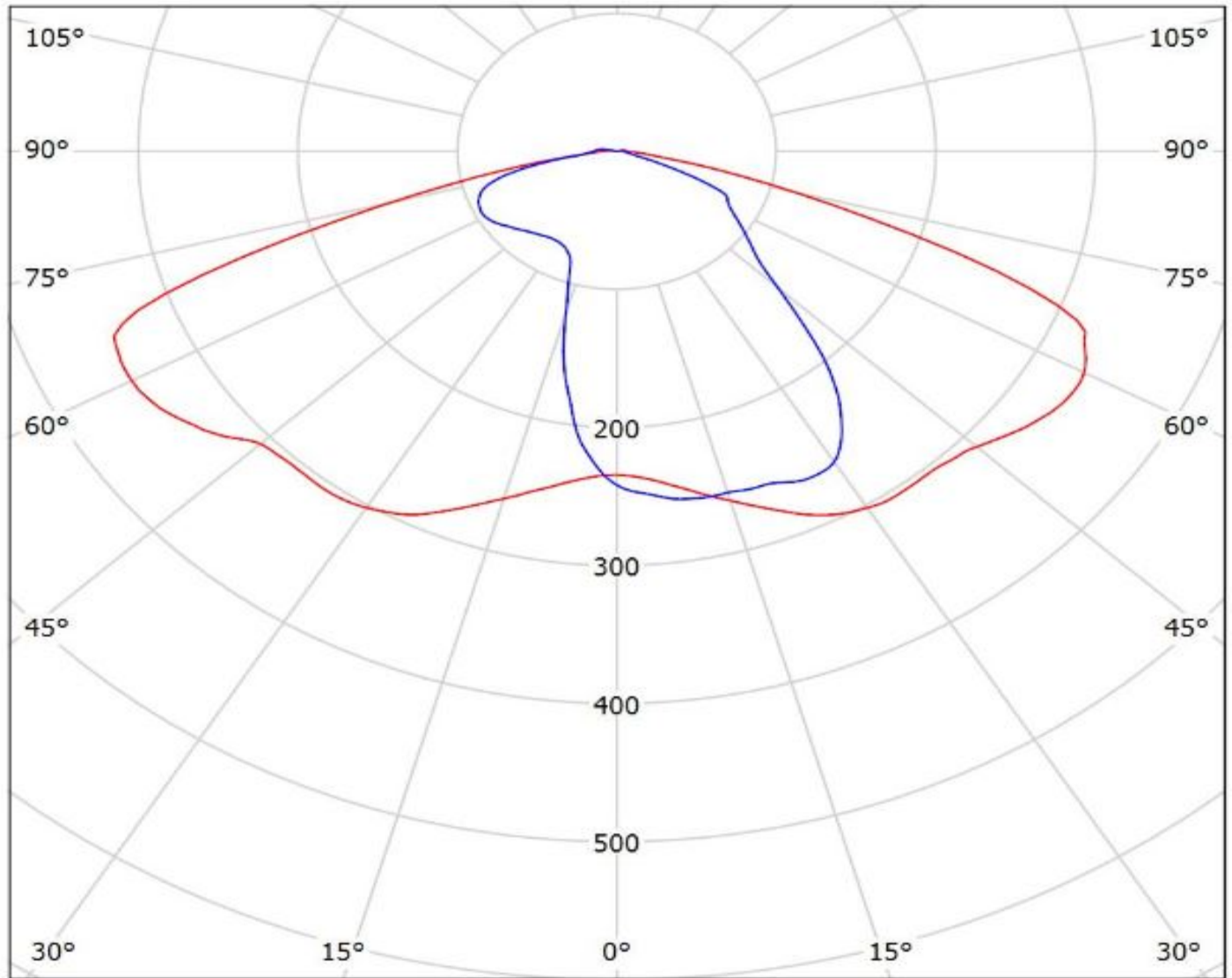
— C0 - C180 — C90 - C270

$\eta = 96\%$

Ledil FN14253_STELLA-A_(Soleriq_S13) / LDC (Polar)

Luminaire: Ledil FN14253_STELLA-A_(Soleriq_S13)

Lamps: 1 x Osram_Soleriq_S13_(GW_KAGHB1.EM)_875.214lm@250mA_P=7.44679W_I=250mA



cd/klm

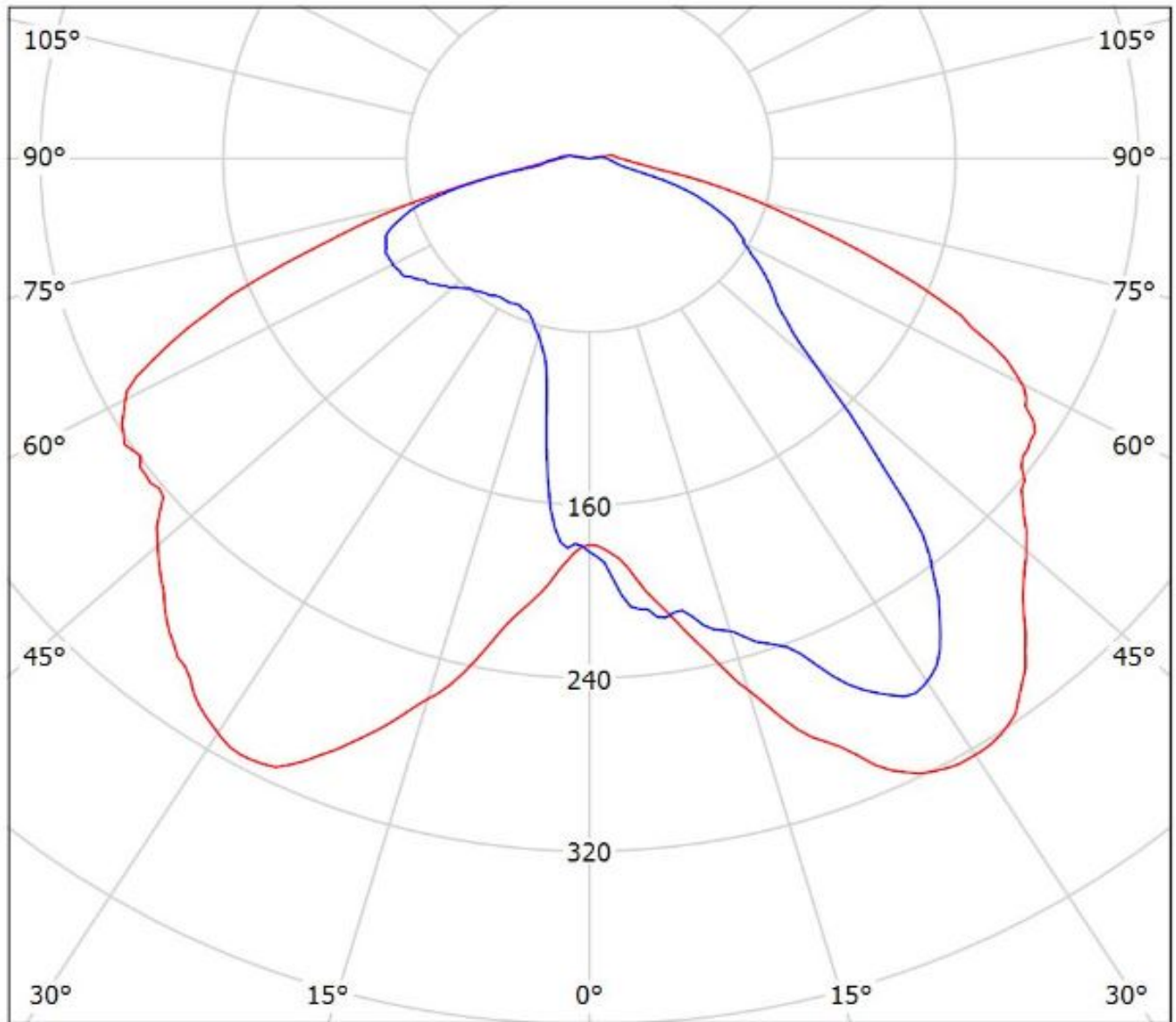
— C0 - C180

— C90 - C270

$\eta = 93\%$

Luminaire: Ledil FN14253_STELLA-A_(Soleriq_P9)

Lamps: 1 x Osram_Soleriq_P9_(GW_MAFJB1.EM)_976.011lm@250mA_CCT=4299K_P=6.9W_I=0.25A



cd/klm

— C0 - C180

— C90 - C270

$\eta = 90\%$

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.