

DETAILS

Product Number	C13301_STRADA-2X2-T3
Family	Strada-Module
Type	Lens array
Color	clear
Diameter	50 x 50 mm
Height	7,1 mm
Style	square
Optic Material	PMMA
Holder Material	
Fastening	screw, pin, glue
Status	ready
ROHS Compliant	Yes
Date Updated	16/07/2015

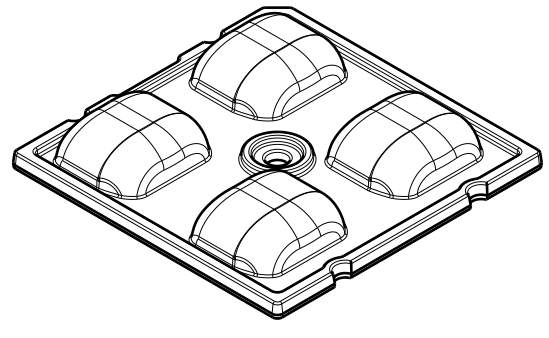
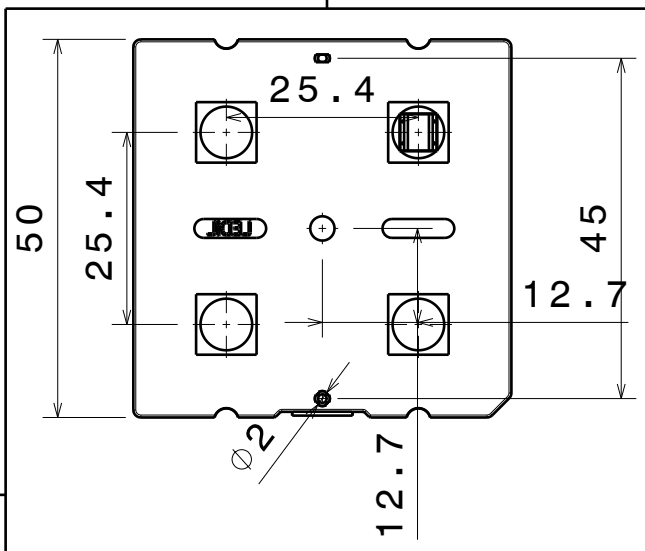


OPTICAL PROPERTIES

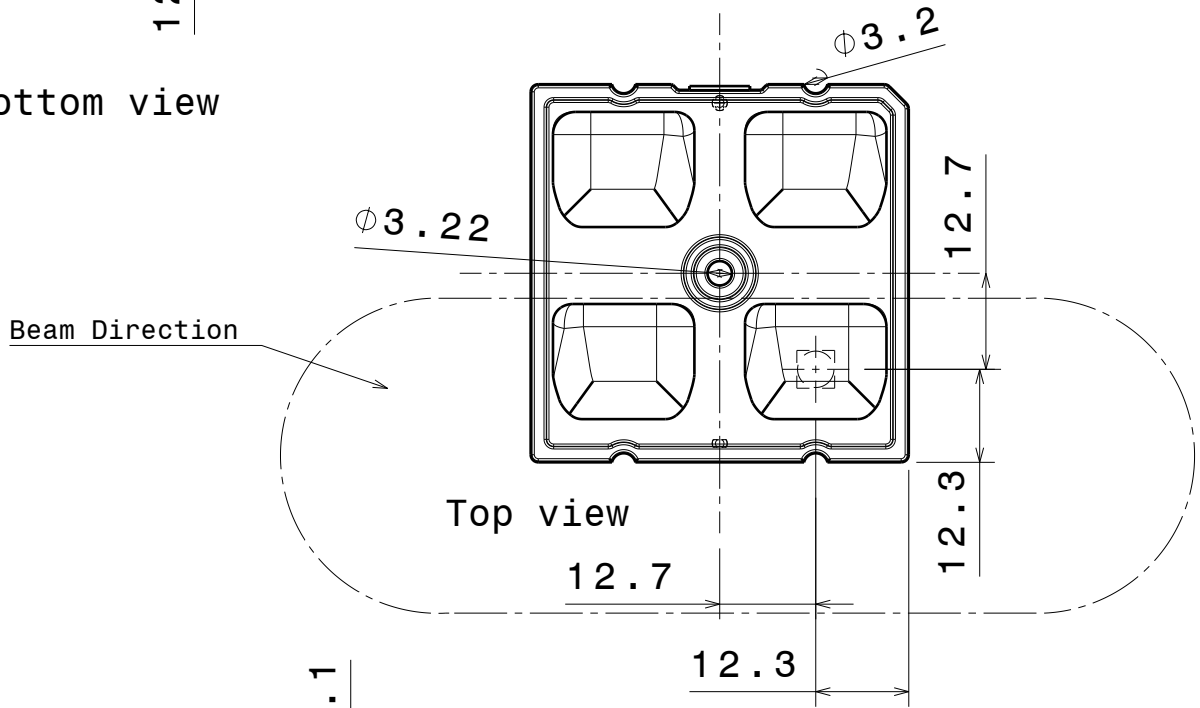
LED	Viewing Angle	Light Beam	Efficiency	cd/lm	Connector
LUXEON T	Asymmetric deg	Asymmetric	94 %	0.670	-
XP-G	Asymmetric deg	Asymmetric	94 %	0.700	-
XB-D	Asymmetric deg	Asymmetric	-	sim: 0.000	-
XM-L	Asymmetric deg	Asymmetric	-	sim: 0.000	-
Oslon Square PC	Asymmetric deg	Asymmetric	94 %	0.690	-
XT-E	Asymmetric deg	Asymmetric	94 %	0.730	-
LUXEON Rebel ES	Asymmetric deg	Asymmetric	94 %	0.720	-
LUXEON R	Asymmetric deg	Asymmetric	94 %	0.740	-
Z5P	Asymmetric deg	Asymmetric	94 %	0.720	-
NCSxx19A	Asymmetric deg	Asymmetric	-	sim: 0.000	-
NVSxx19A	Asymmetric deg	Asymmetric	-	sim: 0.000	-
XM-L2	Asymmetric deg	Asymmetric	94 %	0.540	-
XP-G2	Asymmetric deg	Asymmetric	92 %	0.680	-
H35C0 (LEMWA33)	Asymmetric deg	Asymmetric	94 %	0.610	-
LH351A(3535)	Asymmetric deg	Asymmetric	94 %	0.750	-
NVSxx19B/NVSxx19C	Asymmetric deg	Asymmetric	94 %	0.710	-
Oslon SSL 80	Asymmetric deg	Asymmetric	94 %	0.580	-
NS9x383	Asymmetric deg	Asymmetric	95 %	0.600	-
Acrich MJT 4040	Asymmetric deg	Asymmetric	94 %	0.650	-
H35C1 (LEMWA33)	Asymmetric deg	Asymmetric	94 %	0.700	-
LUXEON Z ES	Asymmetric deg	Asymmetric	94 %	0.930	-
XQ-E	Asymmetric deg	Asymmetric	sim: 91 %	sim: 0.000	-
Z5M	Asymmetric deg	Asymmetric	94 %	0.700	-
XP-E2	Asymmetric deg	Asymmetric	94 %	0.800	-
LUXEON H50-2	sim: Asymmetric	Asymmetric	-	sim: 0.000	-

D C B A

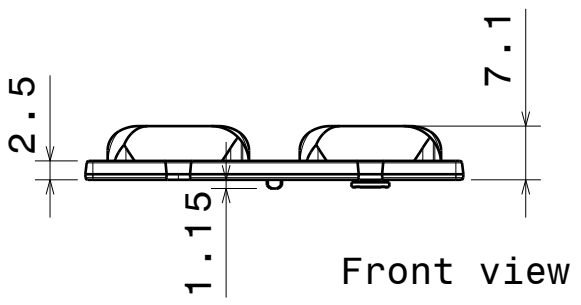
4



3



2



4

3

2

INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	C13301	STRADA-2X2-T3	PMMA	

Tolerances if not otherwise shown
According to DIN ISO 2768-1
Linear measures:
Up to 30mm class M, otherwise 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
STRADA-2X2-T3

1

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SIZE	C13301		
A4			

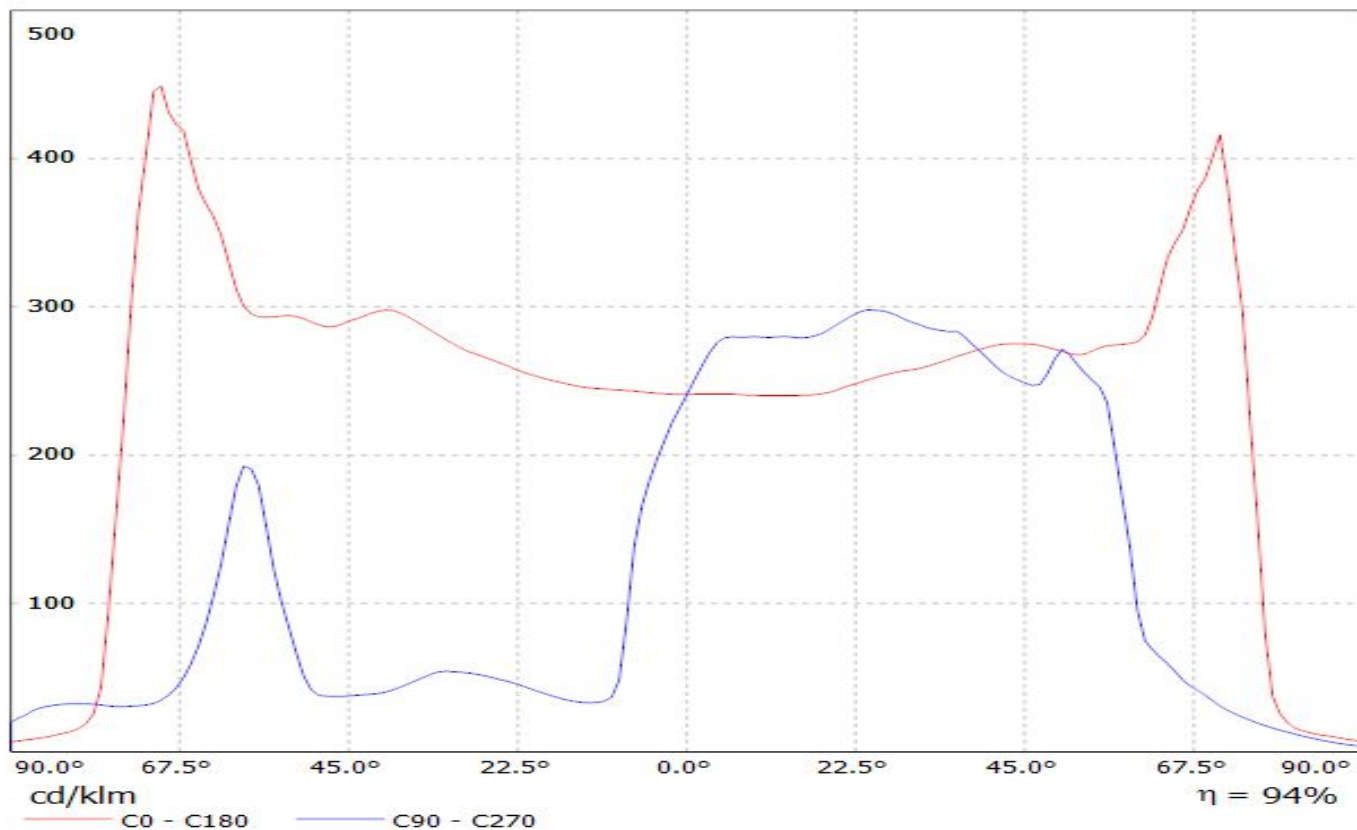
1

SCALE	1:1	WEIGHT		SHEET	1/1
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D A

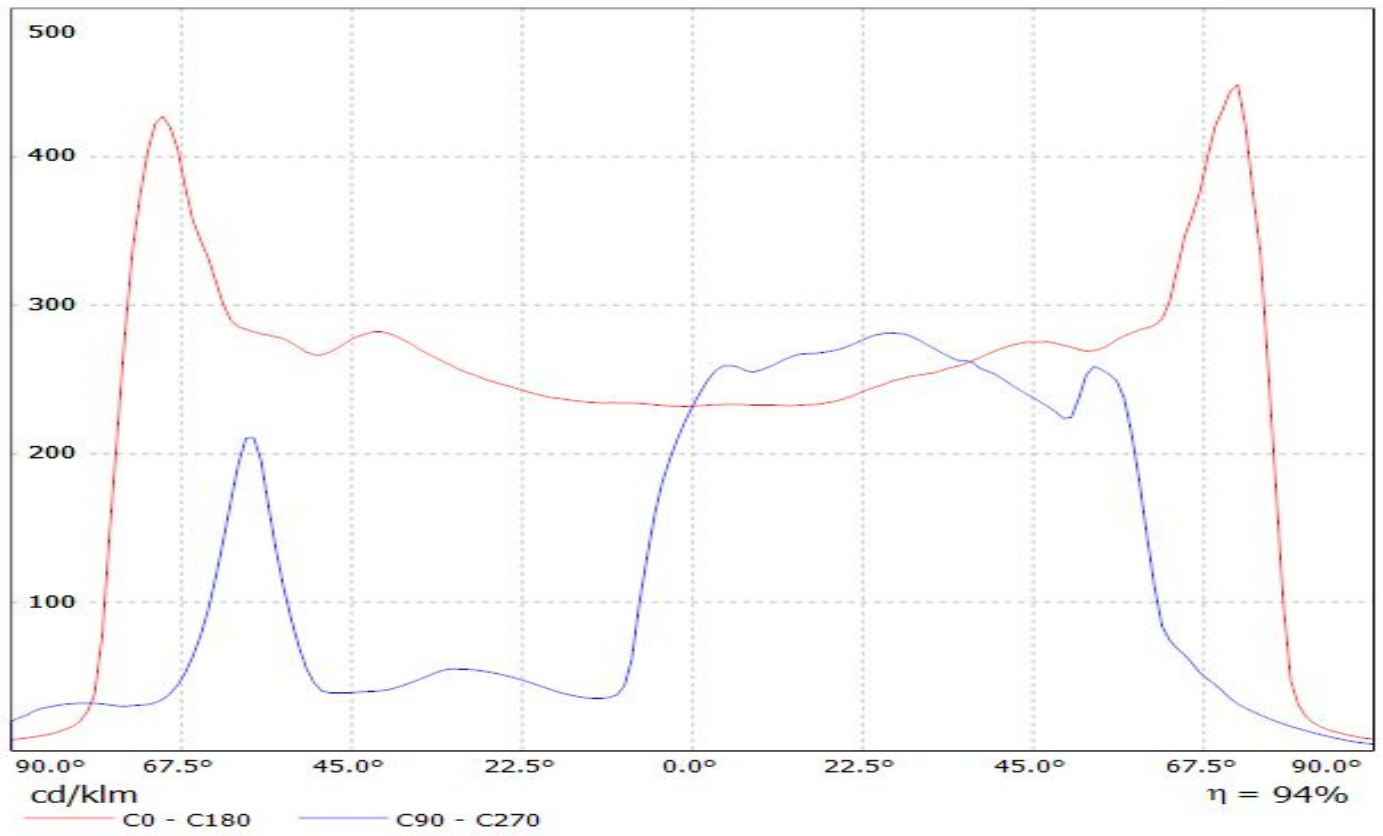
LEDiL Oy C13301_STRADA-2x2-T3_(LUXEON_T) Eff.93.9% / LDC (Linear)

Luminaire: LEDiL Oy C13301_STRADA-2x2-T3_(LUXEON_T) Eff.93.9%
Lamps: 1 x LUXEON_T (294lm@250mA)



LEDiL Oy C13301_STRADA-2X2-T3_(XP-G) Eff.94.2% / LDC (Linear)

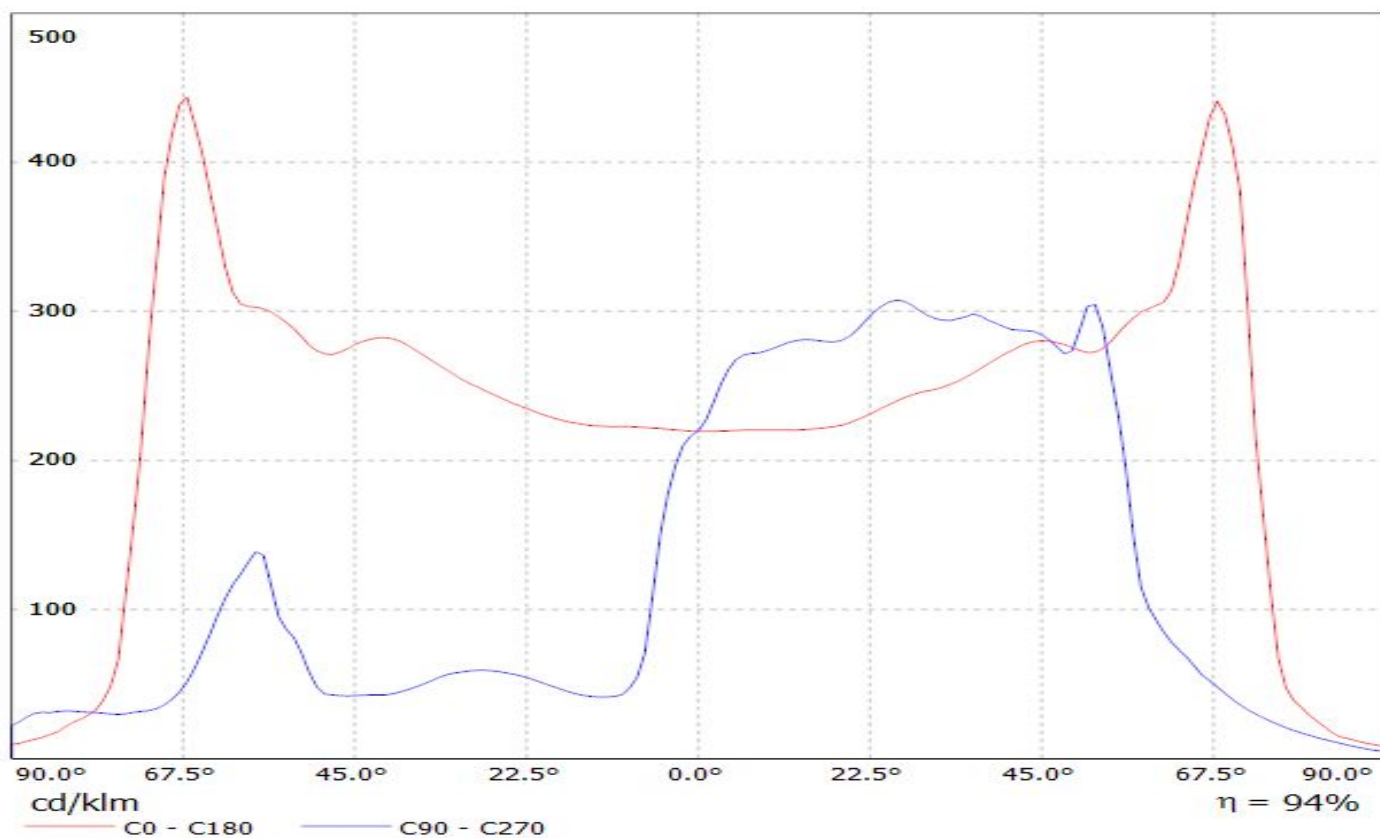
Luminaire: LEDiL Oy C13301_STRADA-2X2-T3_(XP-G) Eff.94.2%
Lamps: 1 x CREE XP-G2 (259lm@250mA)



LEDiL Oy C13301_STRADA-2X2-T3_(SQ-PC) Eff.94.3% / LDC (Linear)

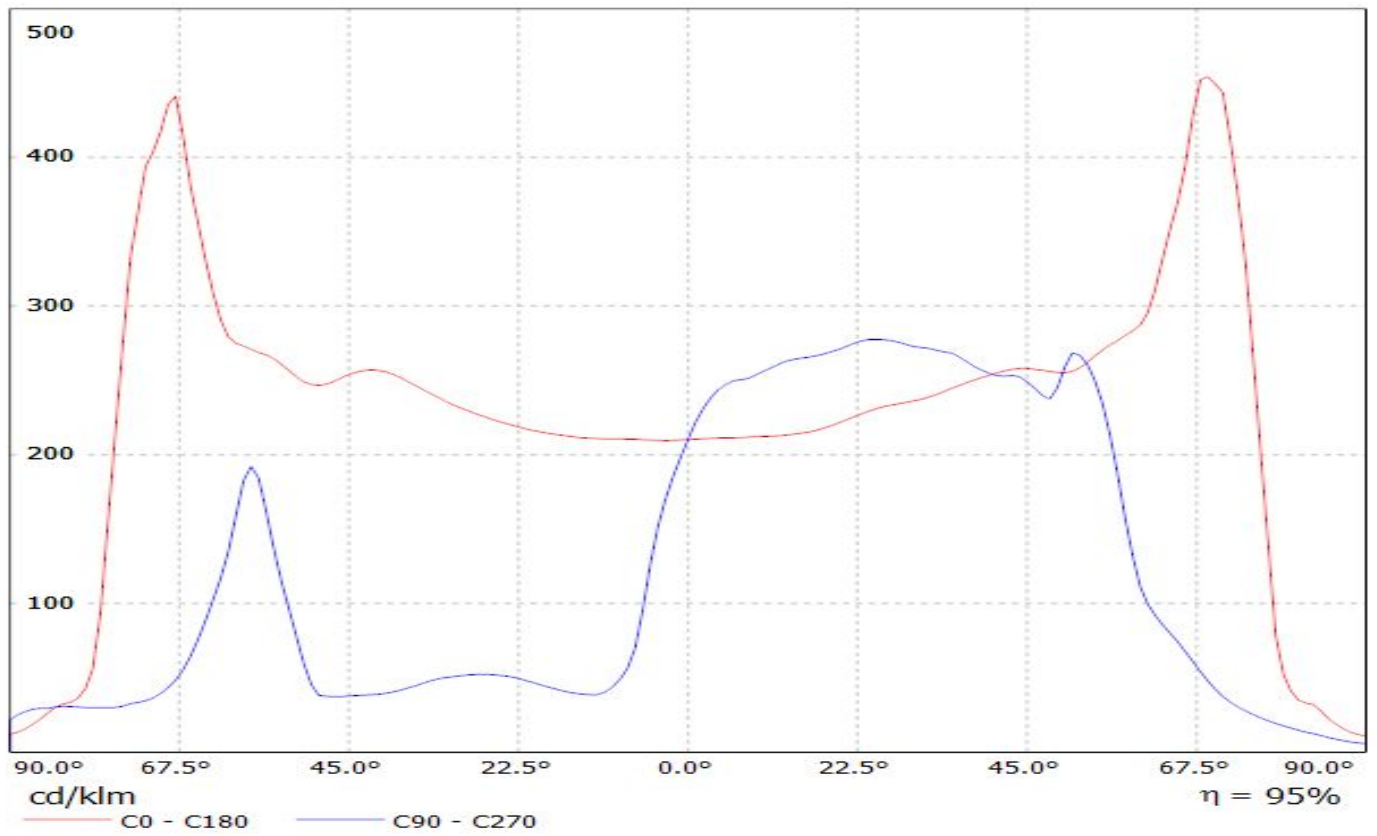
Luminaire: LEDiL Oy C13301_STRADA-2X2-T3_(SQ-PC) Eff.94.3%

Lamps: 1 x Oslon Square PC (399lm@250mA)



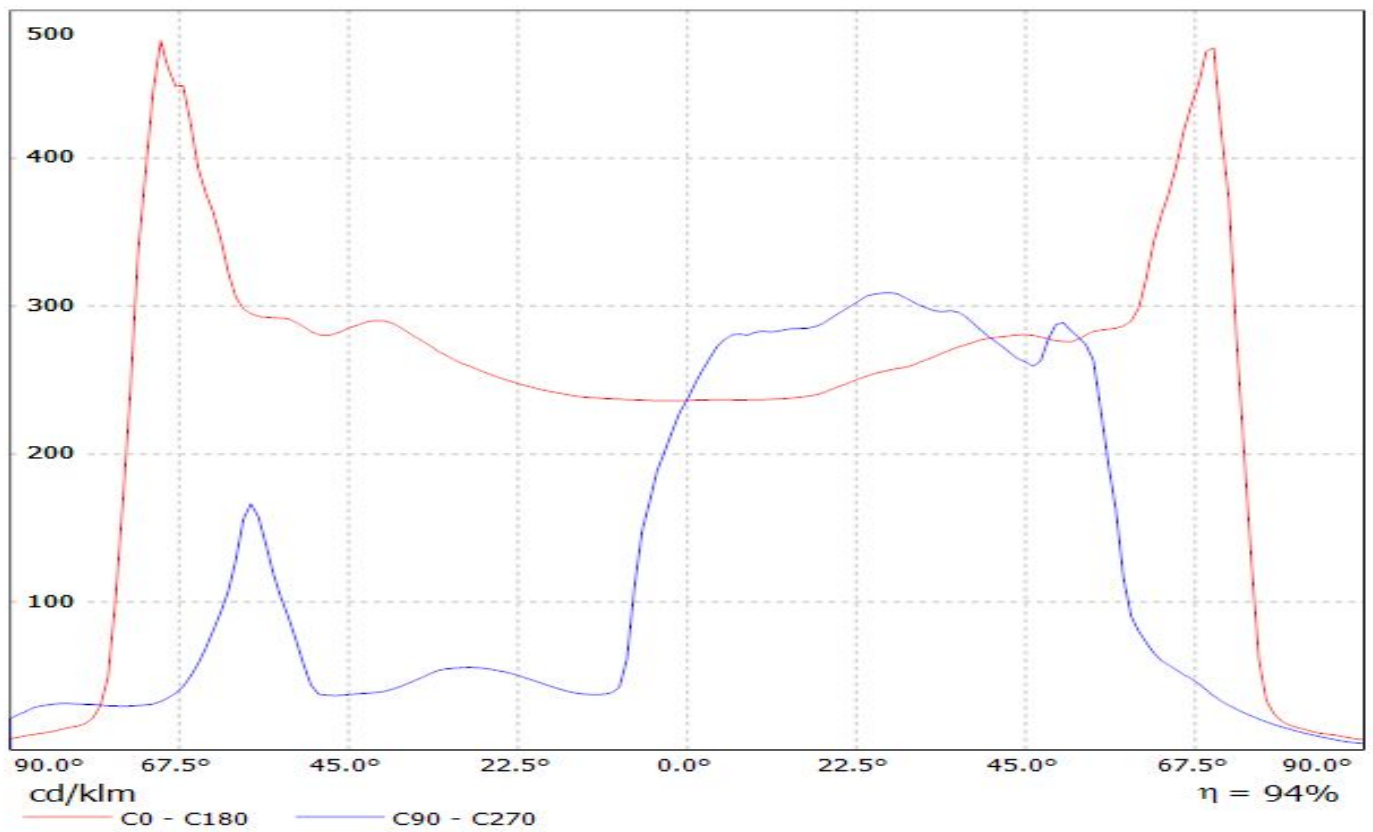
LEDiL Oy C13301_STRADA-2X2-T3_(XT-E) 95.0% / LDC (Linear)

Luminaire: LEDiL Oy C13301_STRADA-2X2-T3_(XT-E) 95.0%
Lamps: 1 x CREE_XT-E (390lm@250mA)



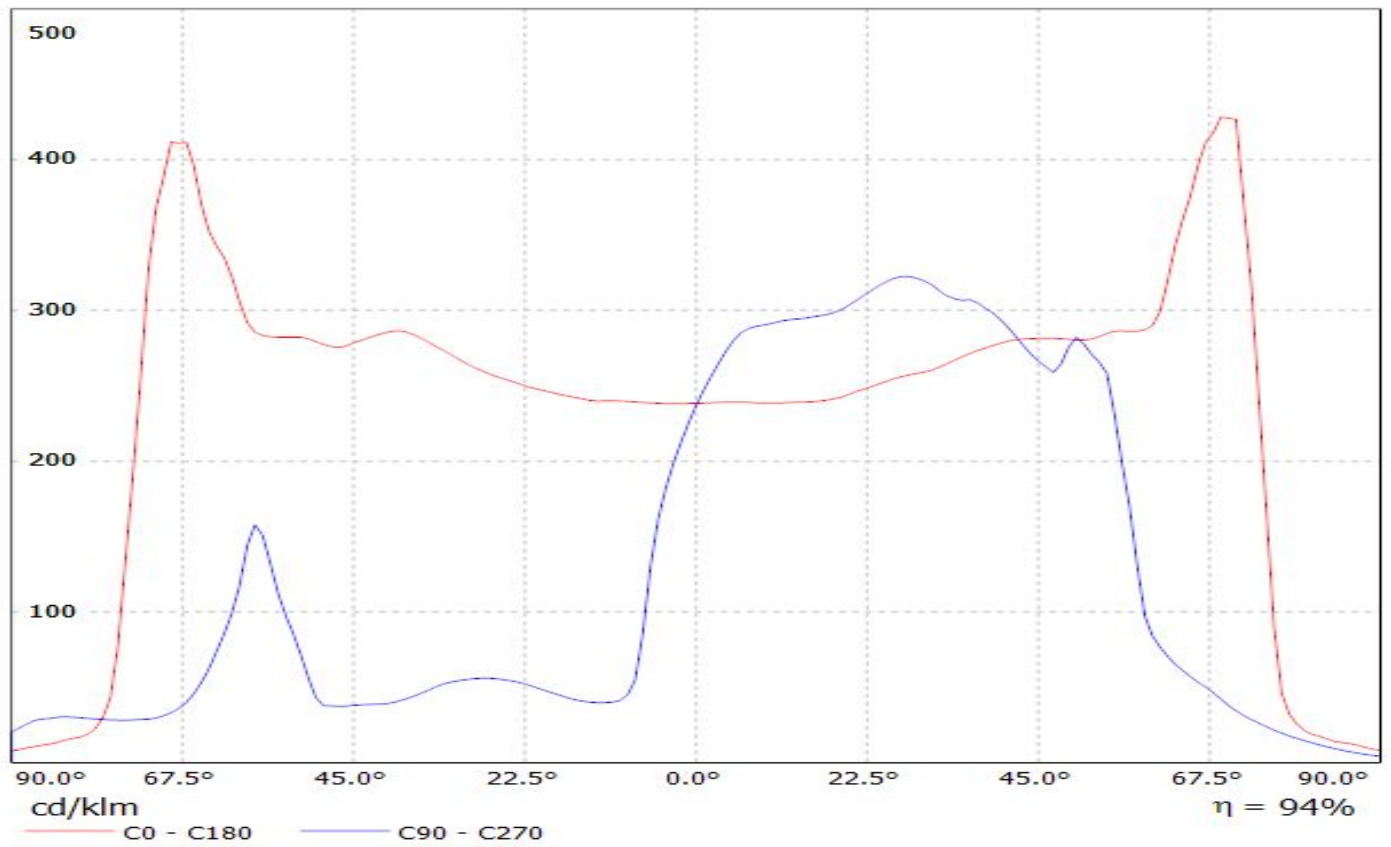
LEDiL Oy C13301_STRADA-2X2-T3_(Rebel-ES) Eff.94.1% / LDC (Linear)

Luminaire: LEDiL Oy C13301_STRADA-2X2-T3_(Rebel-ES) Eff.94.1%
Lamps: 1 x Rebel-ES (341lm@250mA)



LEDiL Oy C13300_STRADA-2X2-T2_(LUXEON_R) Eff.94.4% / LDC (Linear)

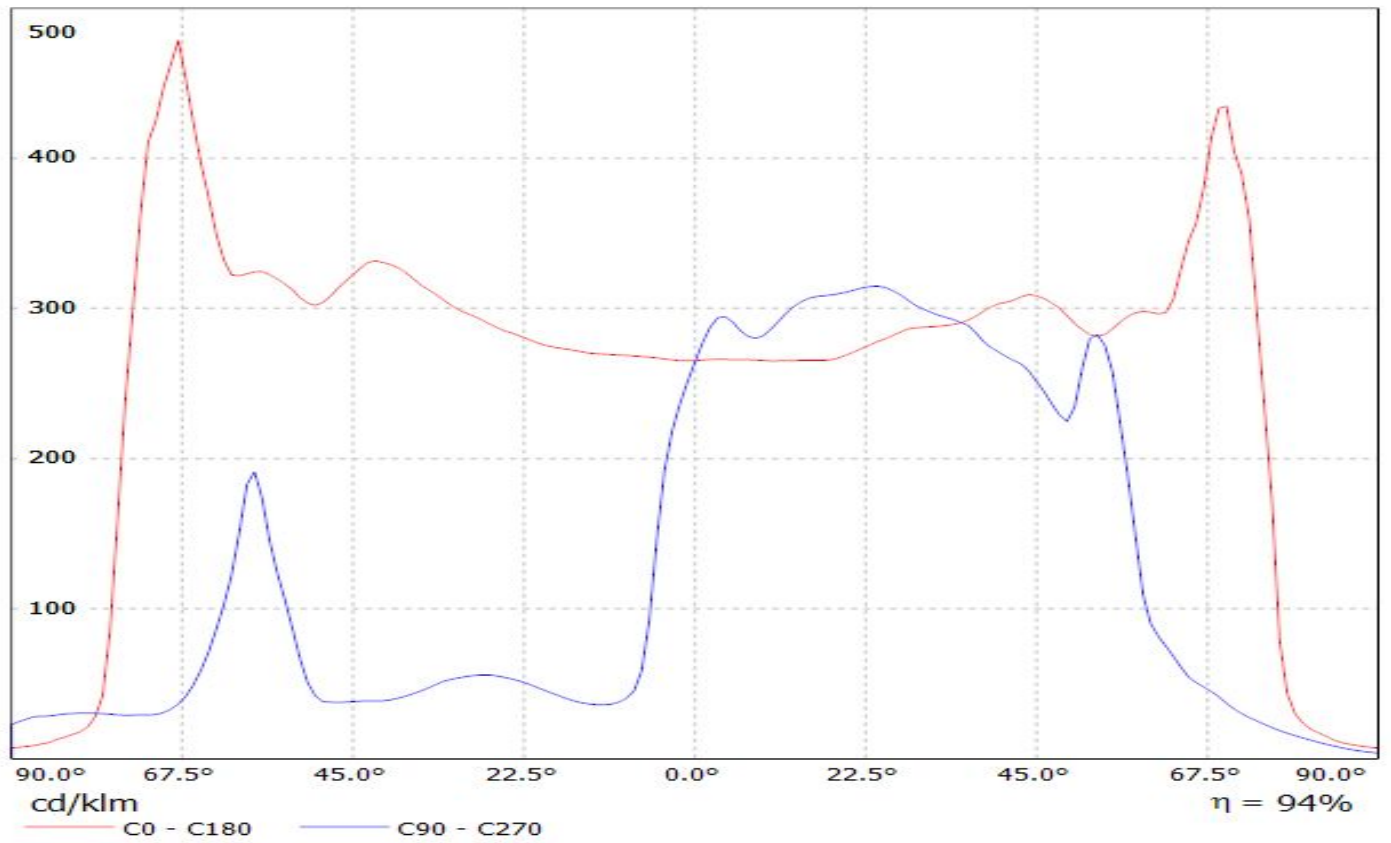
Luminaire: LEDiL Oy C13300_STRADA-2X2-T2_(LUXEON_R) Eff.94.4%
Lamps: 1 x LUXEON_R (315lm@250mA)



LEDiL Oy C13301_STRADA-2X2-T3_(Z5P) Eff.94.3% / LDC (Linear)

Luminaire: LEDiL Oy C13301_STRADA-2X2-T3_(Z5P) Eff.94.3%

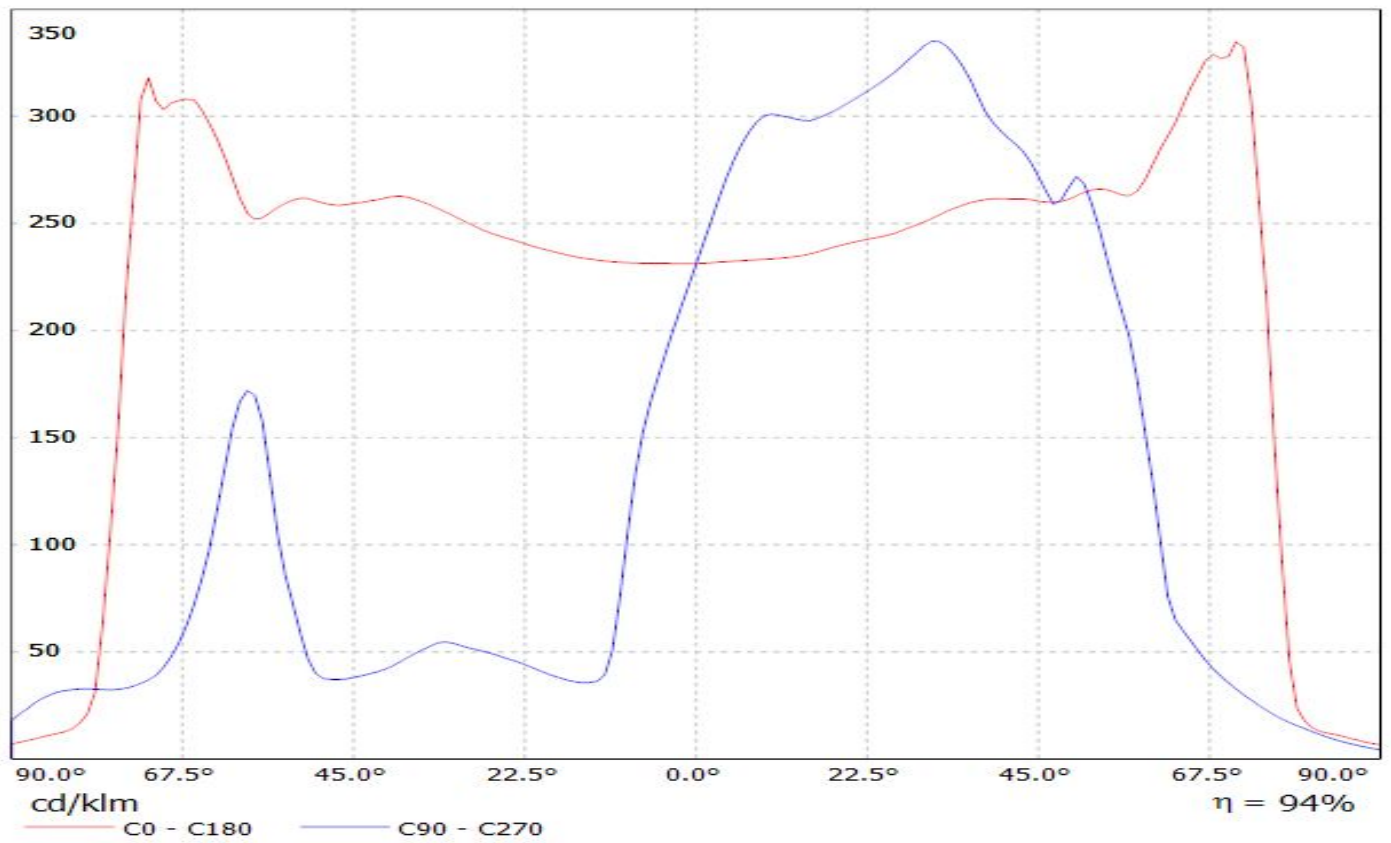
Lamps: 1 x Seoul Z5P (290lm@250mA)



LEDiL Oy C13301_STRADA-2X2-T3_(XM-L2) Eff.94.3% / LDC (Linear)

Luminaire: LEDiL Oy C13301_STRADA-2X2-T3_(XM-L2) Eff.94.3%

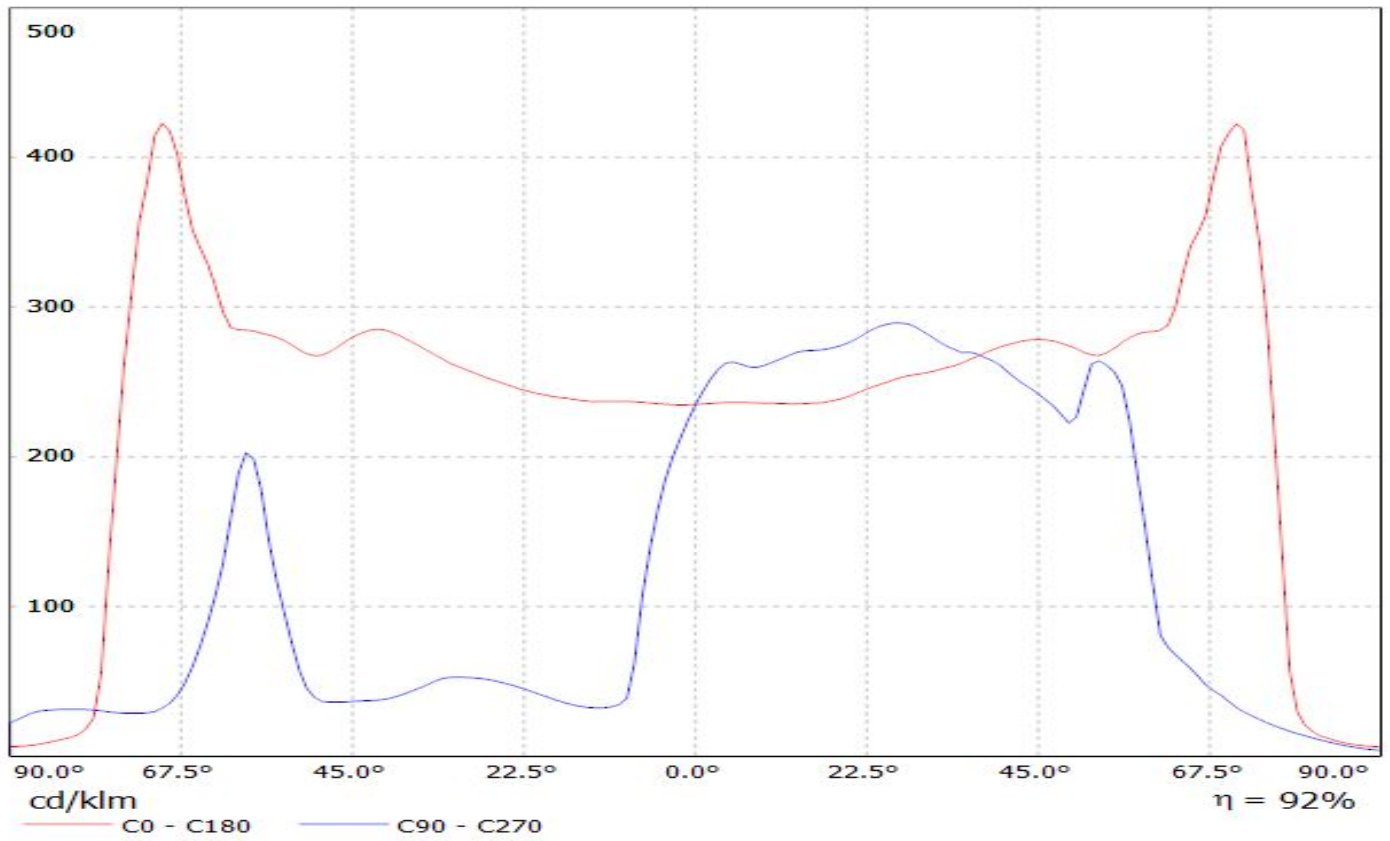
Lamps: 1 x XM-L2 (366lm@250mA)



LEDiL Oy C13301_STRADA-2X2-T3_(XP-G2) Eff.92.0% / LDC (Linear)

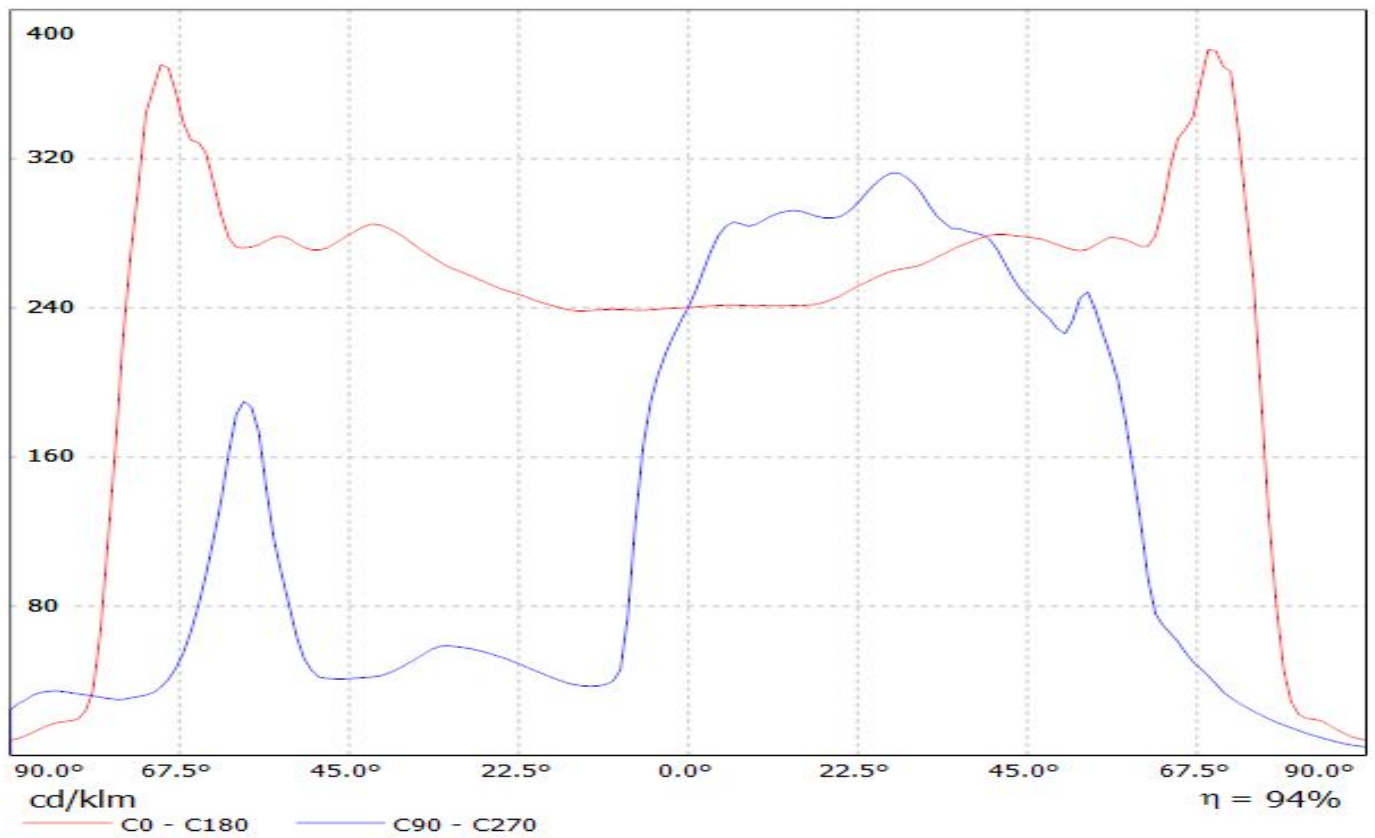
Luminaire: LEDiL Oy C13301_STRADA-2X2-T3_(XP-G2) Eff.92.0%

Lamps: 1 x CREE XP-G2 (433lm@250mA)



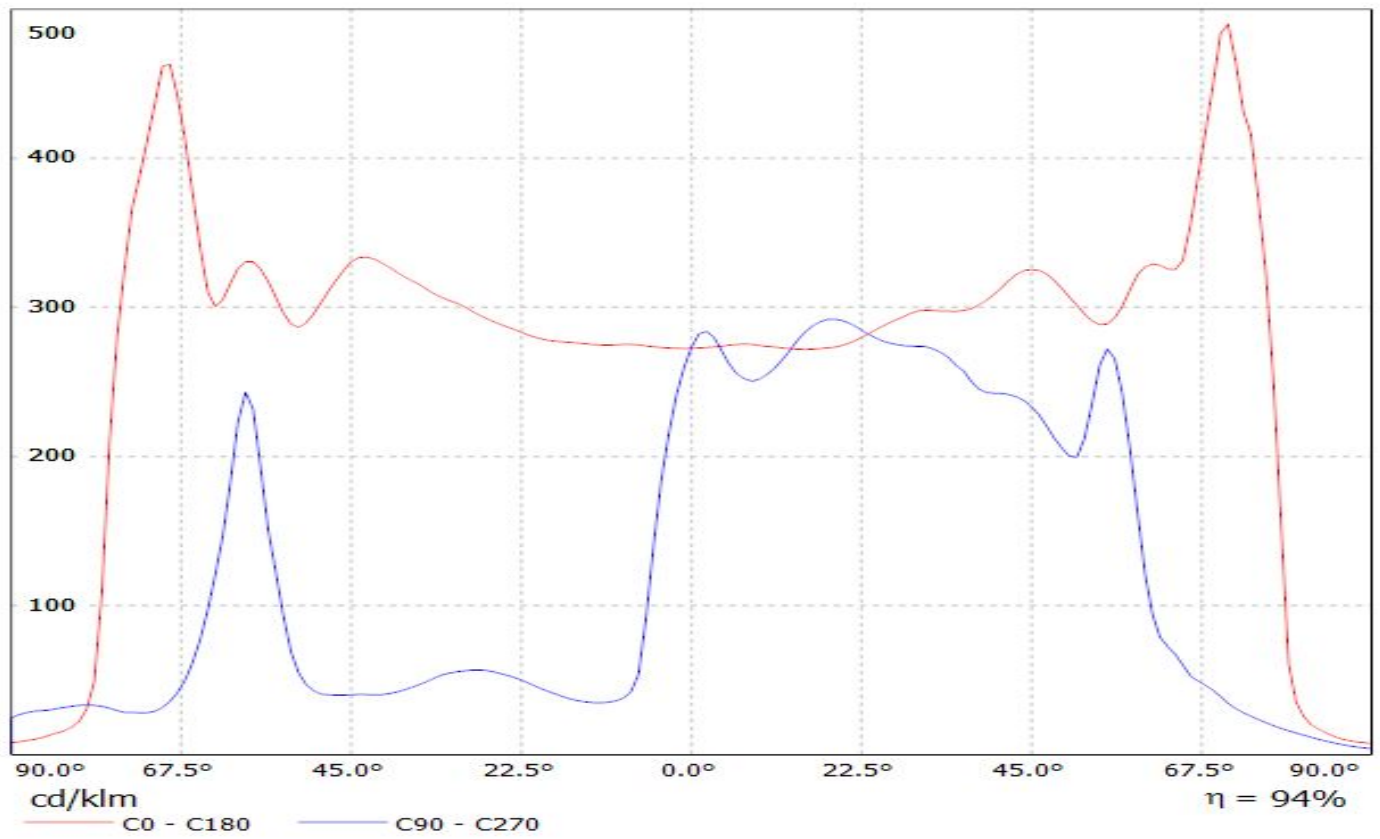
LEDiL Oy C13301_STRADA-2X2-T3_(LG_3535) Eff.94.4% / LDC (Linear)

Luminaire: LEDiL Oy C13301_STRADA-2X2-T3_(LG_3535) Eff.94.4%
Lamps: 1 x LG_3535_Ceramic_2x2 (374lm@250mA)



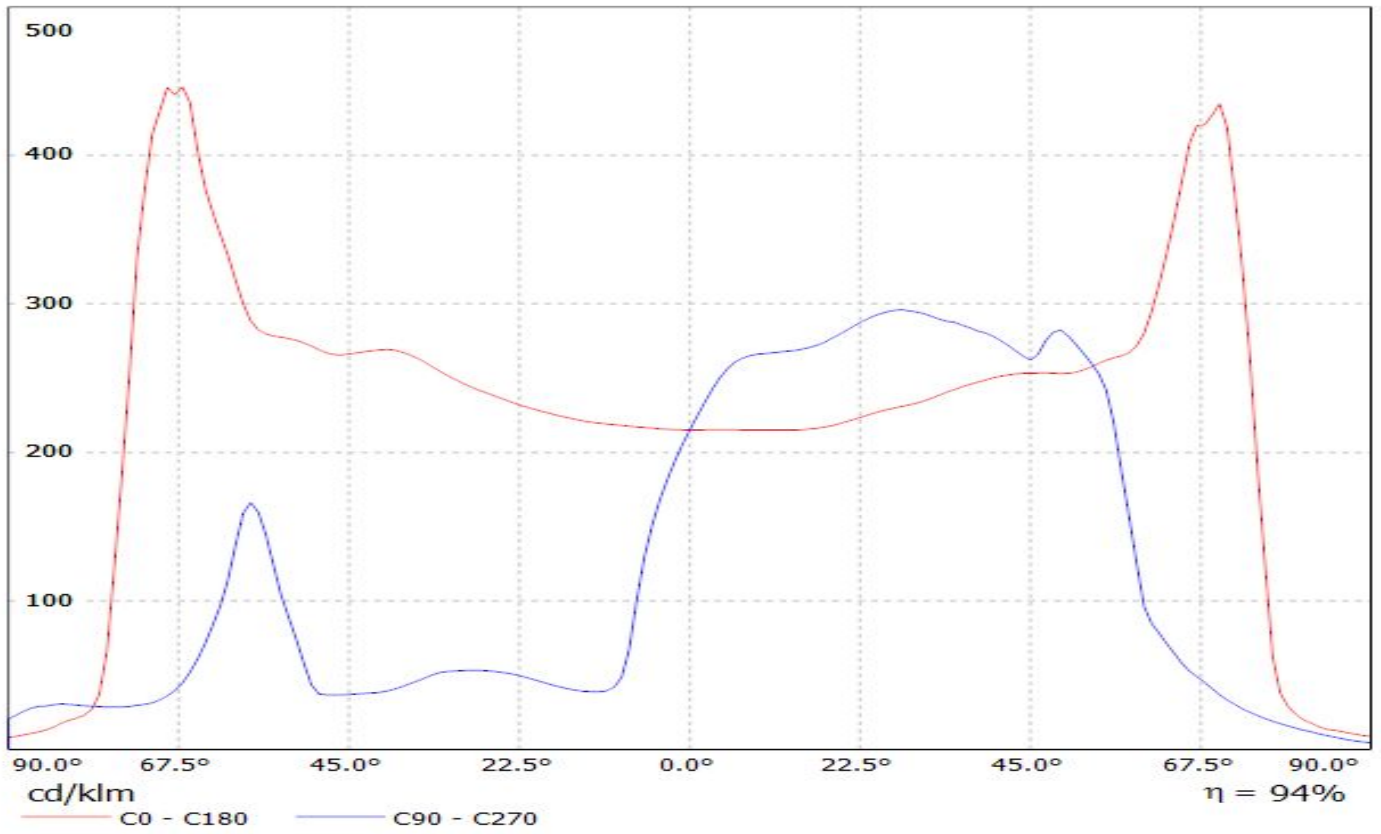
LEDiL Oy C13301_STRADA-2X2-T3_(3535) Eff.94.0% / LDC (Linear)

Luminaire: LEDiL Oy C13301_STRADA-2X2-T3_(3535) Eff.94.0%
Lamps: 1 x Samsung_3535 (343lm@250mA)



LEDiL Oy C13301_STRADA-2X2-T3_(Nichia_219B) Eff.94.4% / LDC (Linear)

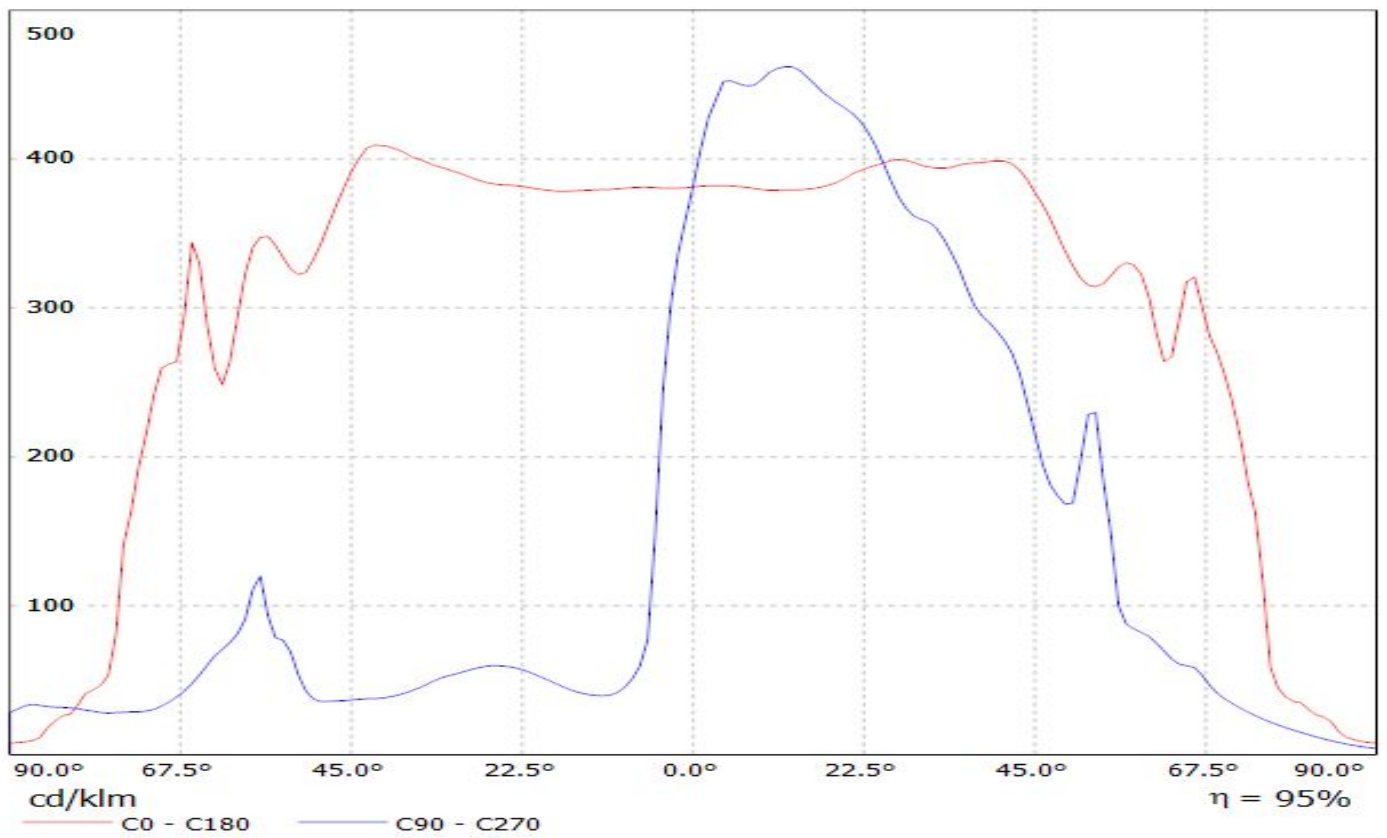
Luminaire: LEDiL Oy C13301_STRADA-2X2-T3_(Nichia_219B) Eff.94.4%
Lamps: 1 x Nichia_219B (310lm@250mA)



LEDiL Oy C13301_STRADA-2X2-T3_(SSL80) Eff.95.0% / LDC (Linear)

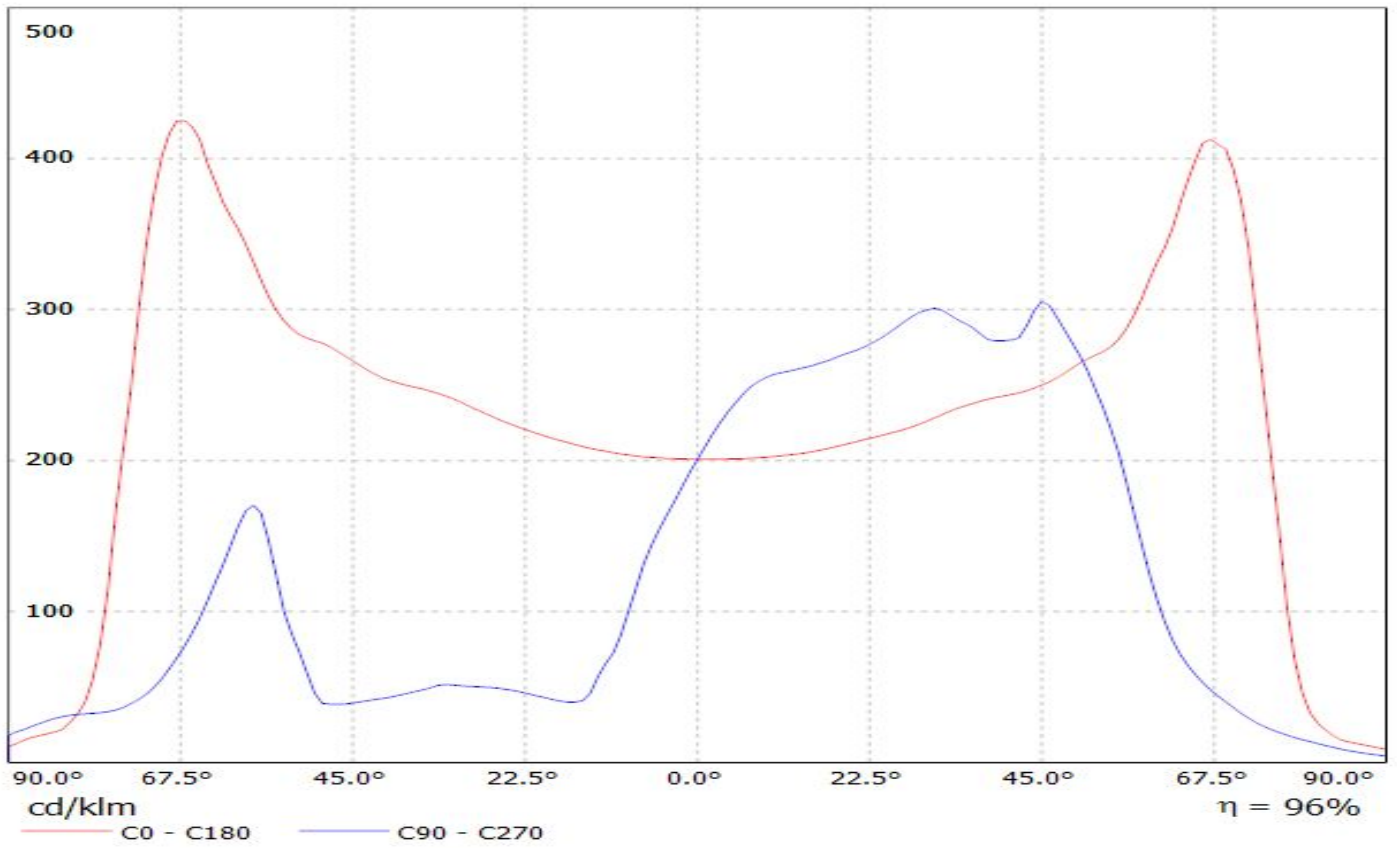
Luminaire: LEDiL Oy C13301_STRADA-2X2-T3_(SSL80) Eff.95.0%

Lamps: 1 x Oslon_SSL80 (311lm@250mA)



LEDiL Oy C13301_STRADA-2x2-T3_(N383) Eff.95.9% / LDC (Linear)

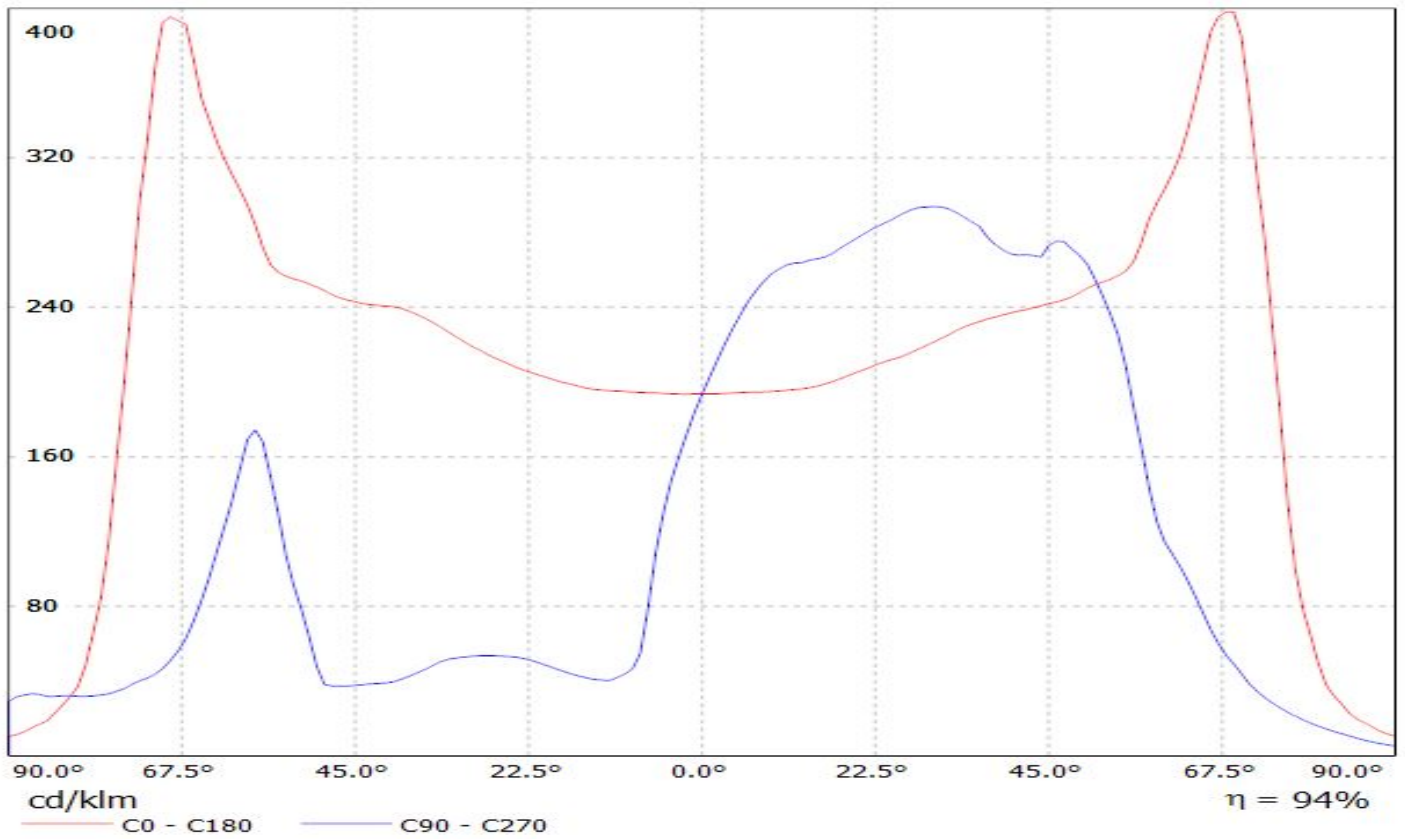
Luminaire: LEDiL Oy C13301_STRADA-2x2-T3_(N383) Eff.95.9%
Lamps: 1 x NICHIA_NS9x383 (287.074lm@250mA)



LEDiL Oy C13301_STRADA-2x2-T3_(MJT4040) Eff.94.0% / LDC (Linear)

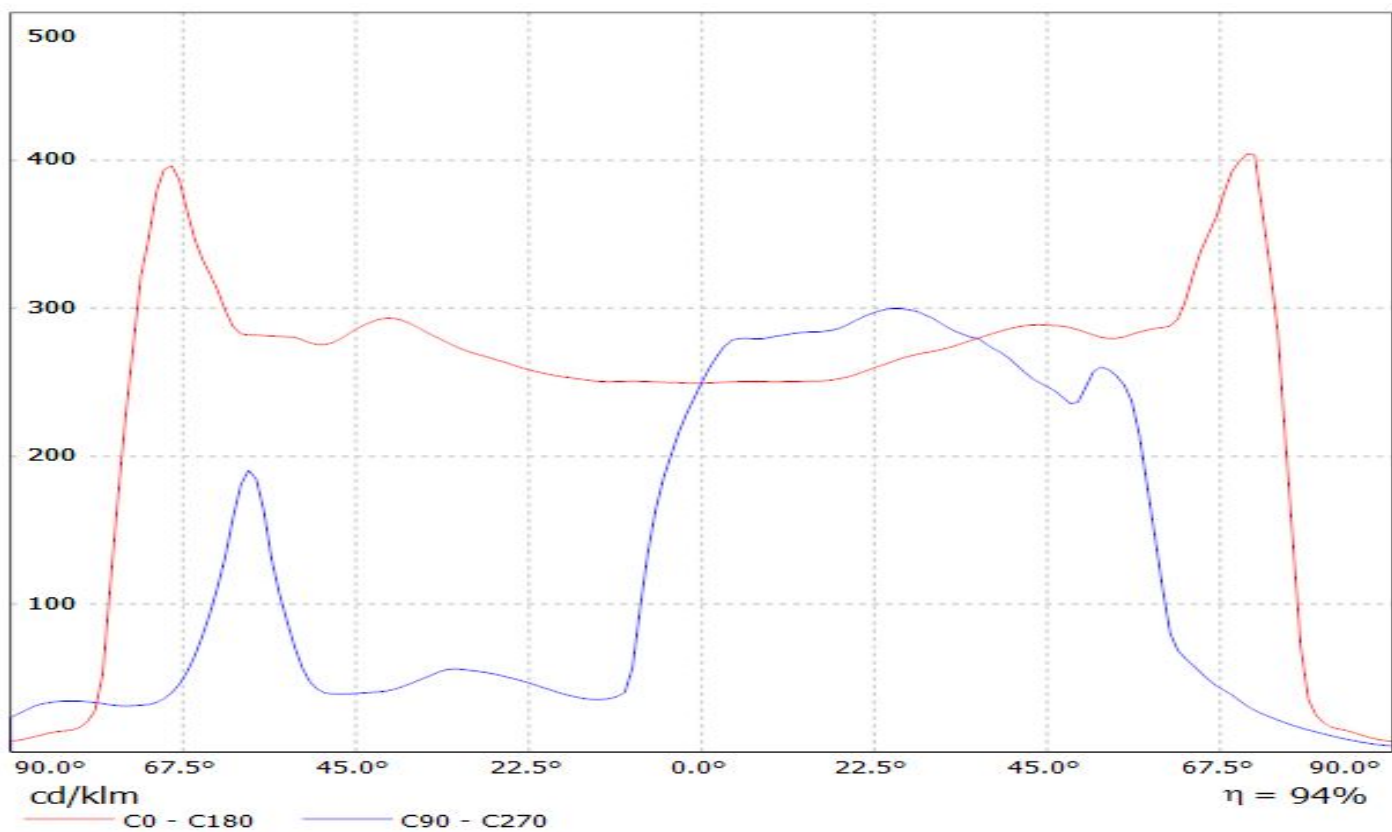
Luminaire: LEDiL Oy C13301_STRADA-2x2-T3_(MJT4040) Eff.94.0%

Lamps: 1 x SEOUL ACHRICH MJT4040 (SAW09H0A) 258lm@40mA P=2.37W I=40mA

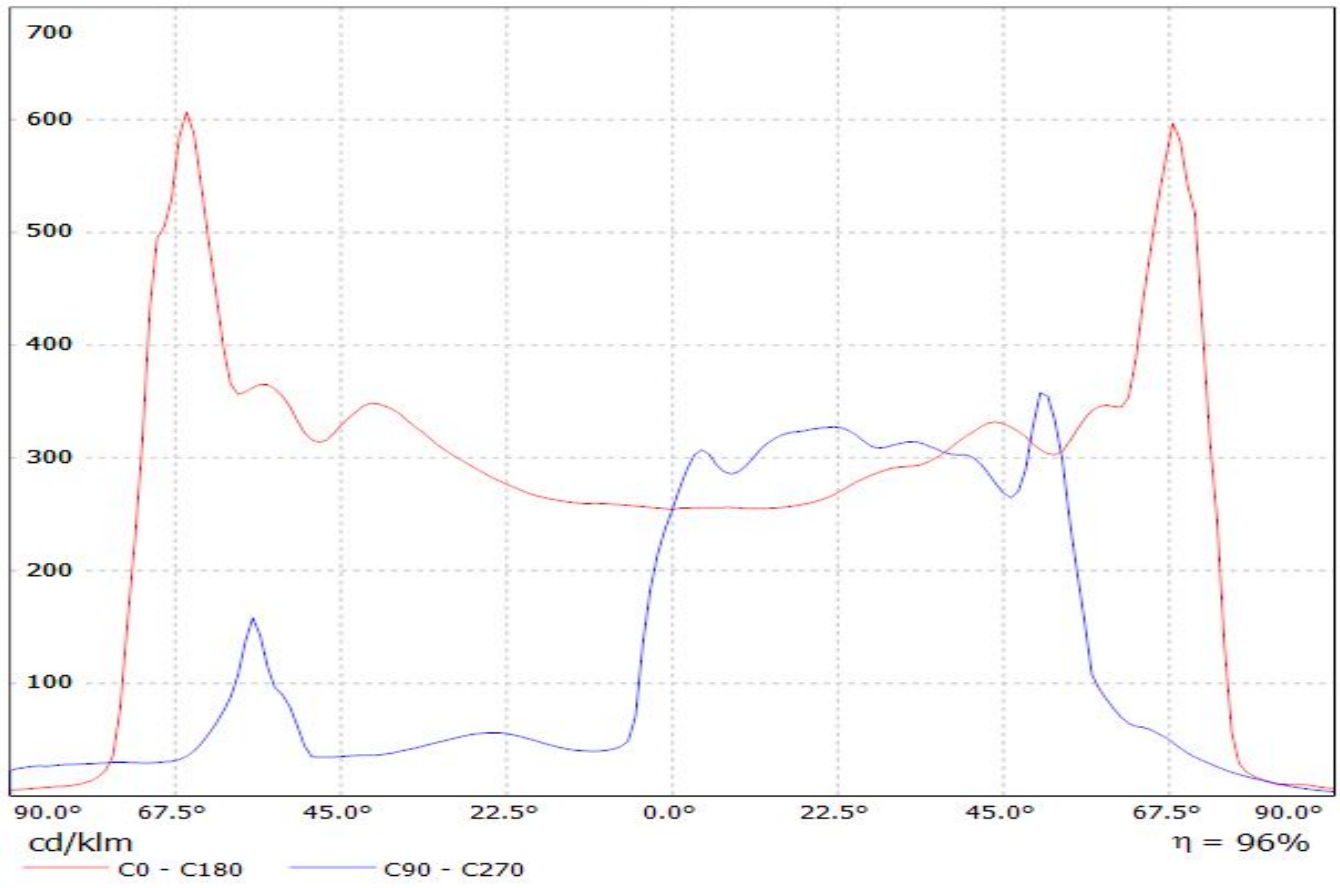


LEDiL Oy C13301_STRADA-2X2-T3_(LG-3535-CERAMIC-GEN2) Eff.94.0% / LDC (Linear)

Luminaire: LEDiL Oy C13301_STRADA-2X2-T3_(LG-3535-CERAMIC-GEN2) Eff.94.0%
Lamps: 1 x LG-3535-CERAMIC-GEN2_2x2_475.25lm@250mA_P=2.8651W_CCT=6562K_I=249.9mA



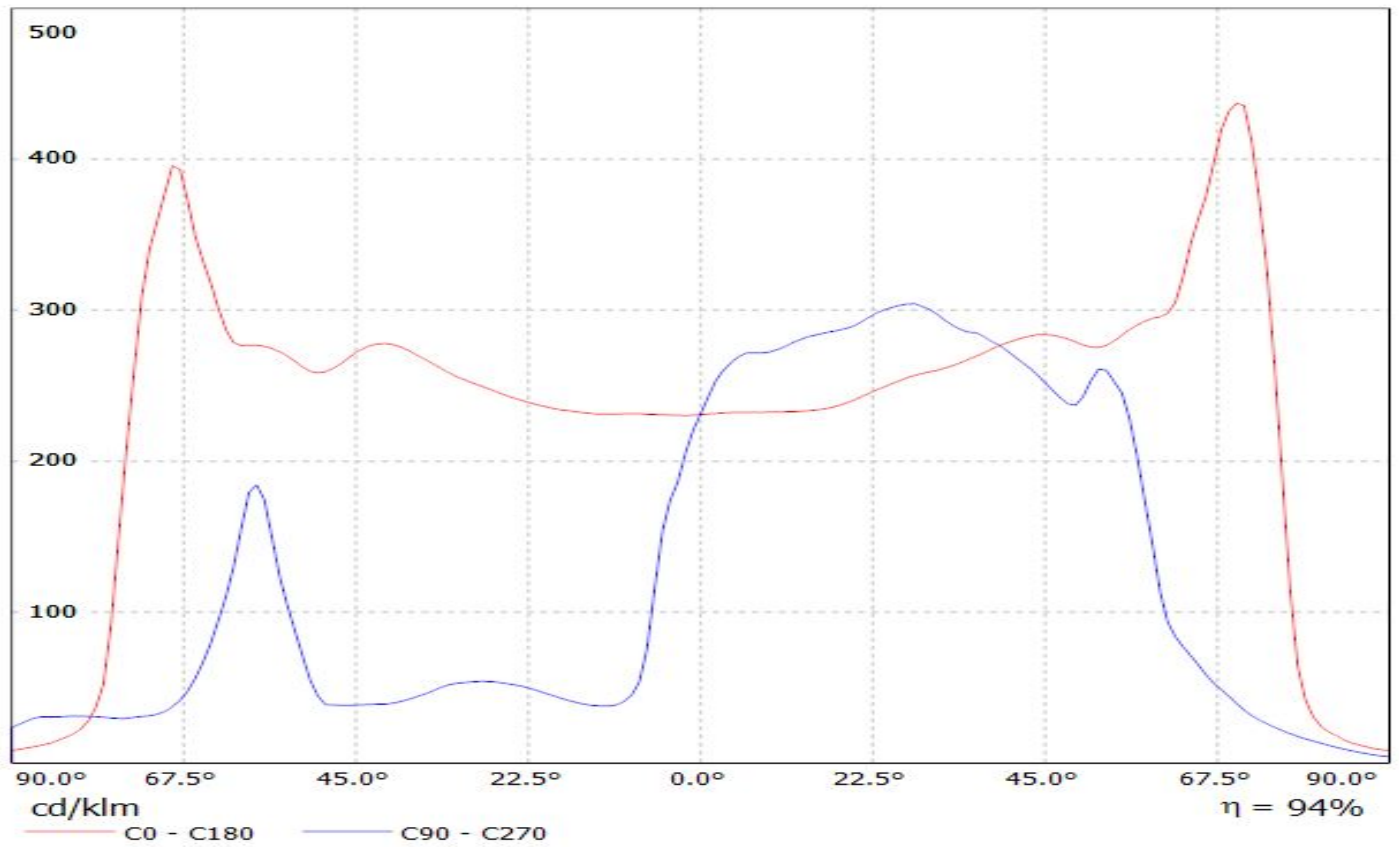
Luminaire: LEDiL Oy C13301_STRADA-2X2-T3_(Luxeon-Z-ES) Eff: 94%
Lamps: 1 x Luxeon Z ES 2x2 (LX22-3090) 209.277lm@250mA_P=2.81W_I=0.2499A



LEDiL Oy C13301_STRADA-2X2-T3_(Z5M) Eff.94.0% / LDC (Linear)

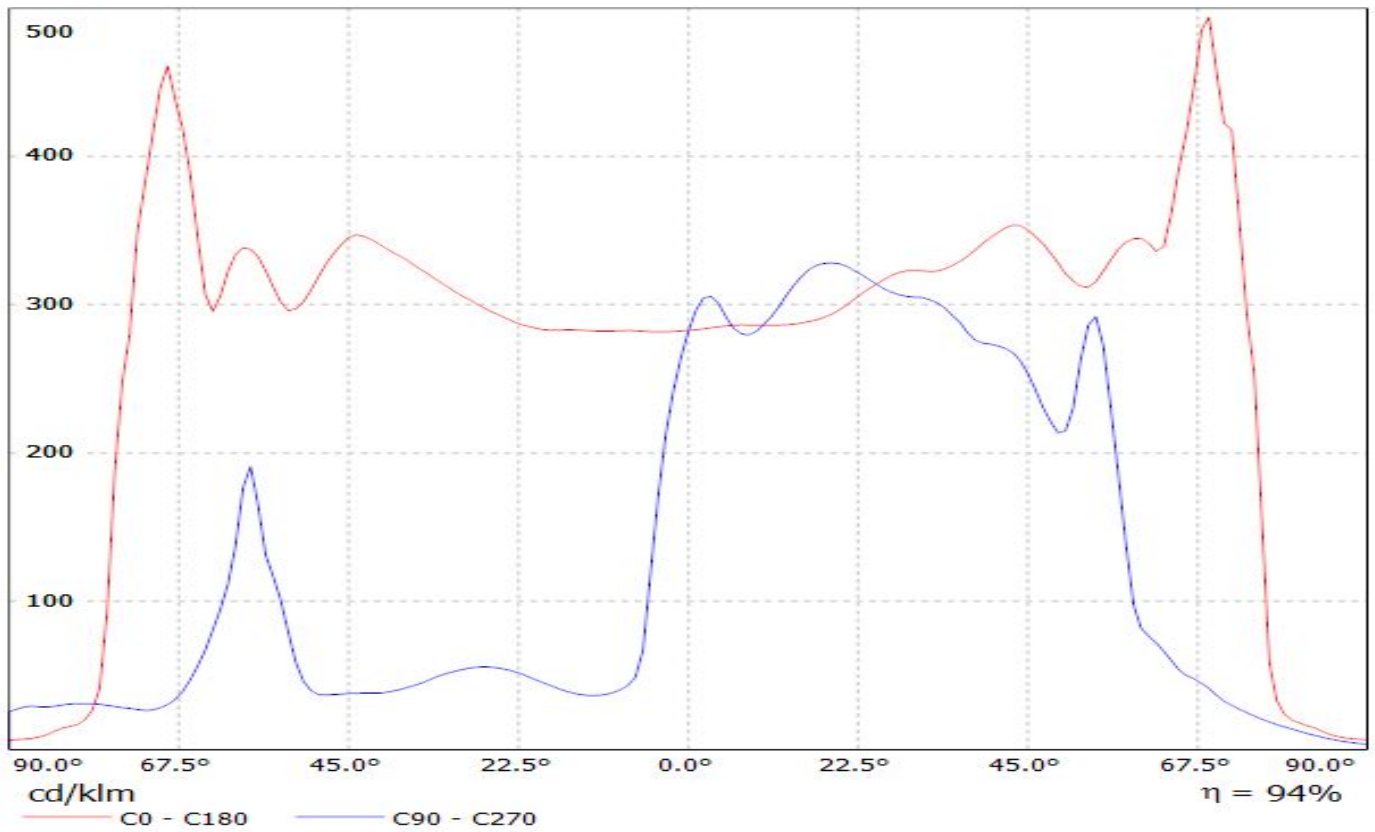
Luminaire: LEDiL Oy C13301_STRADA-2X2-T3_(Z5M) Eff.94.0%

Lamps: 1 x SEOUL_Z5M_(SZ5-M0-W0-00)_362.8lm@250mA_P=2.95788W_I=249.8mA



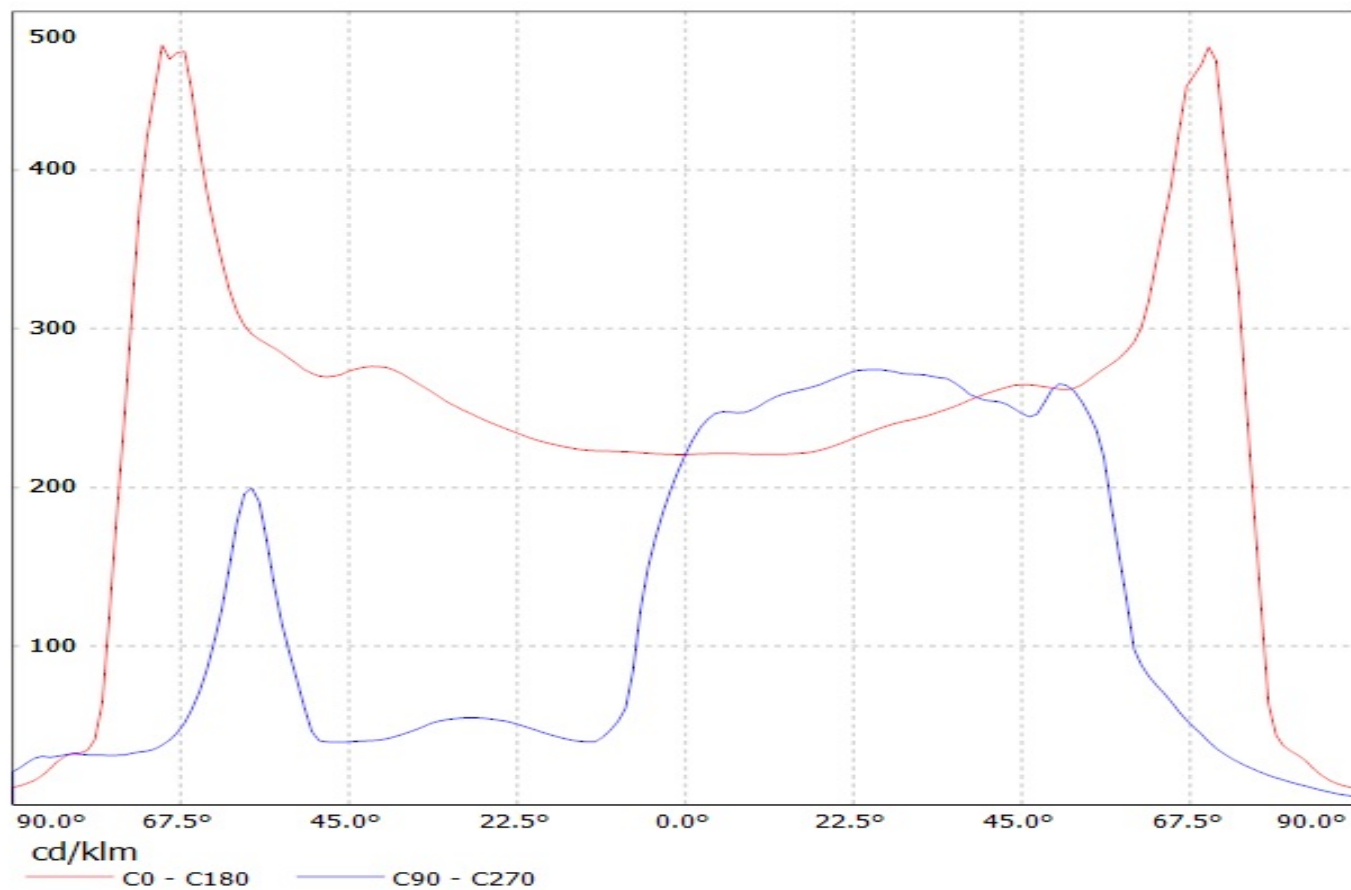
LEDiL Oy C13301_STRADA-2X2-T3_(XP-E2) Eff.94.0% / LDC (Linear)

Luminaire: LEDiL Oy C13301_STRADA-2X2-T3_(XP-E2) Eff.94.0%
Lamps: 1 x CREE_XP-E2_2x2_(XPEBWT-L1-7B4-Q4-0-01)
_340.57lm@250mA_P=2.92366W_I=249.8mA

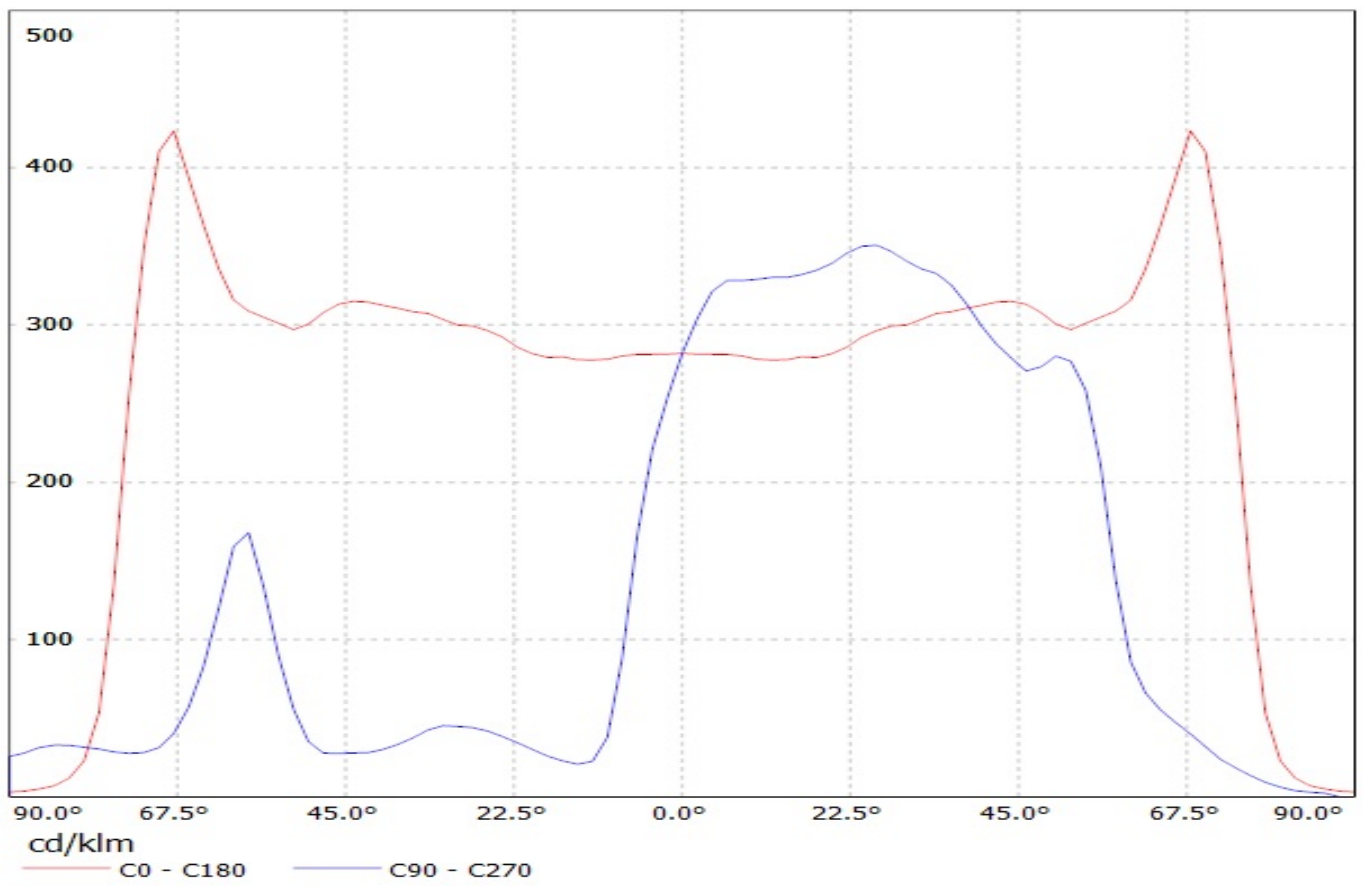


Luminaire: LEDiL Oy C13301_STRADA-2X2-T3_(LUXEON_Q)

Lamps: 1 x LUXEON_Q_2x2_(LHQ-3080)_299.038lm@250mA_P=2.8742W_I=249.8mA

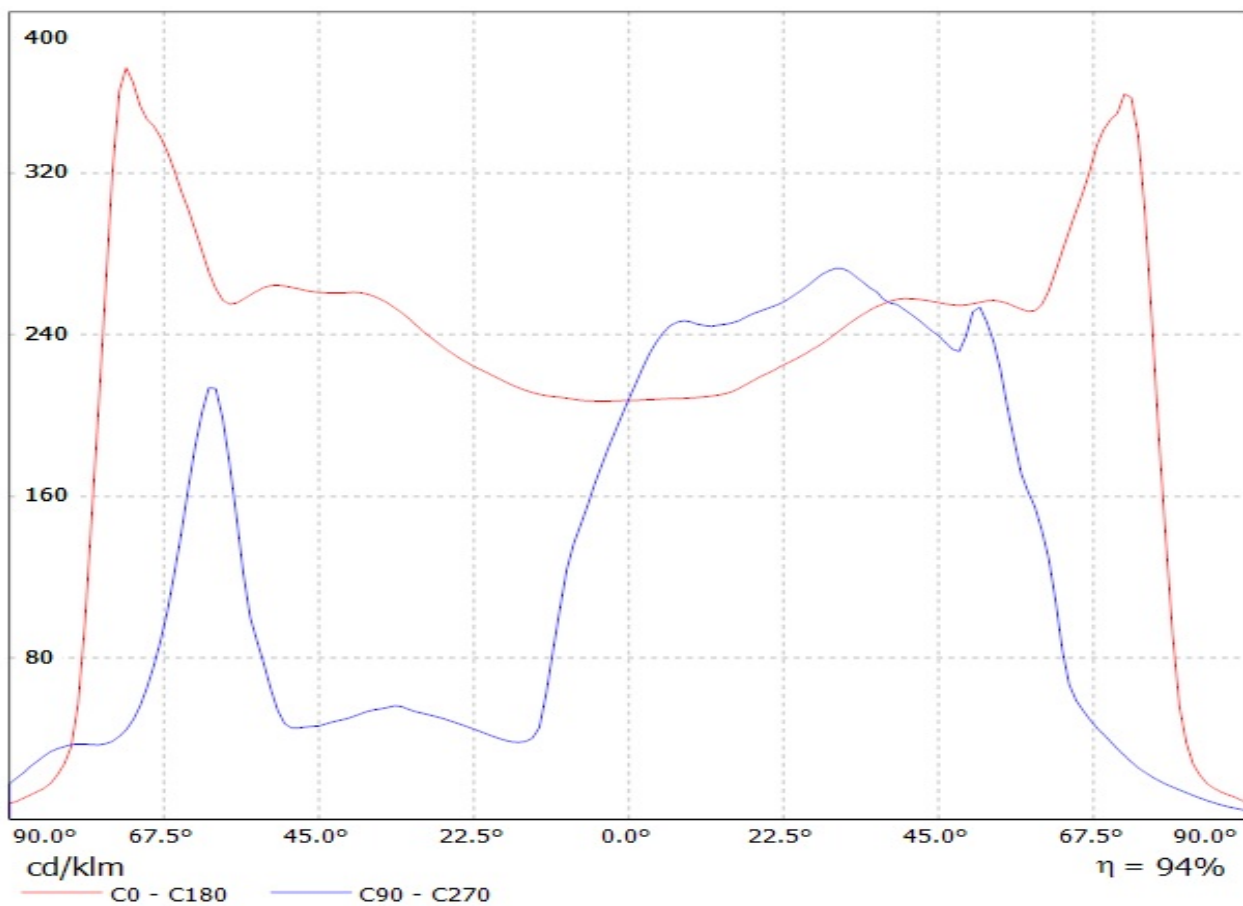


Luminaire: LEDil Oy C13301_STRADA-2X2-T3_(Z5M1) Efficiency=94%
Lamps: 1 x Seoul Z5M1 (SZ5-M1-WN-C8) 379lm @ 250mA CCT=4600K P=2.9W I=250mA



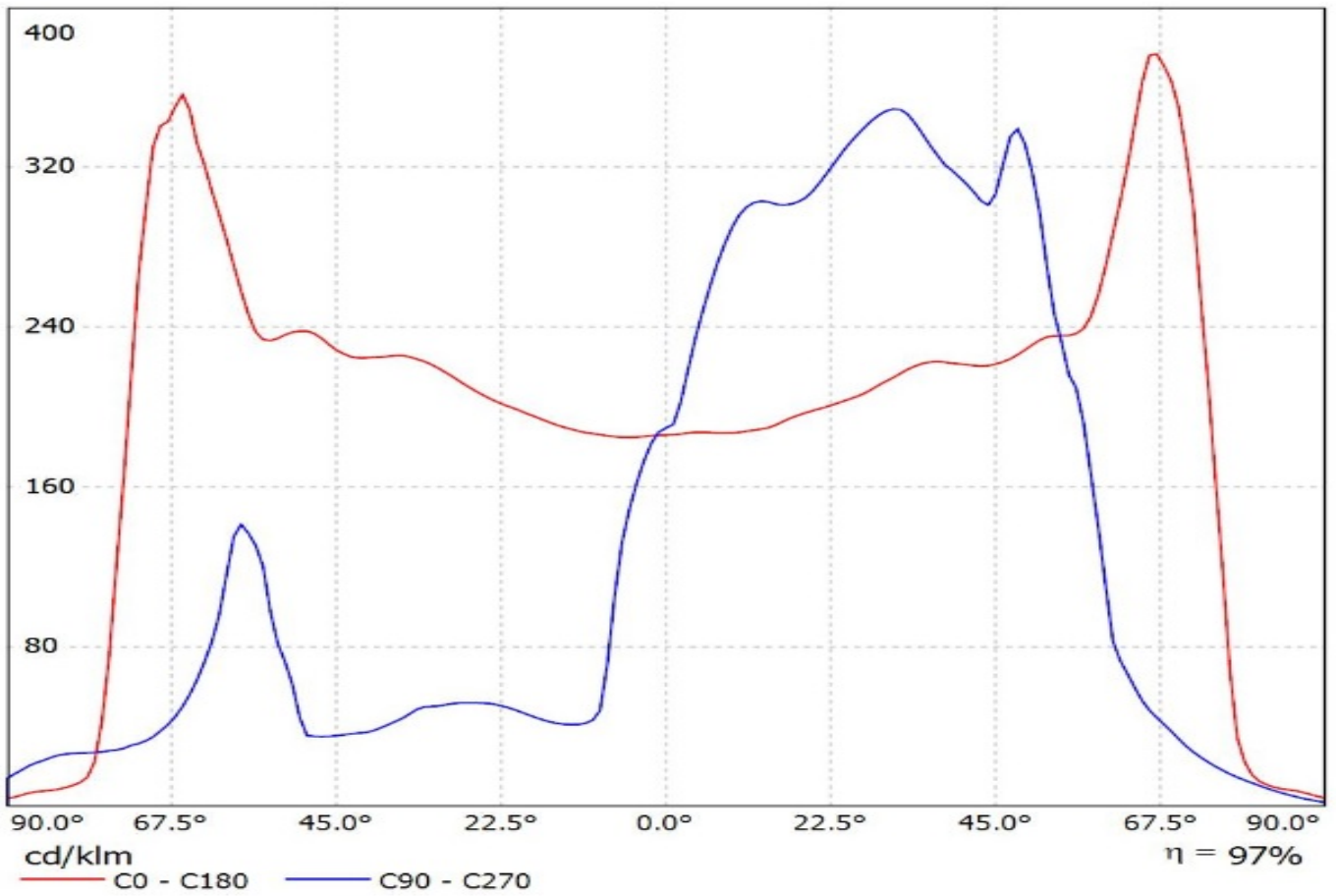
Luminaire: LEDiL Oy C13301_STRADA-2x2-T3_(XP-L)

Lamps: 1 x CREE_XP-L_2x2_(XPLAWT-0-1B0-V40-00-0001)_514lm@250mA_CCT=7600K_P=2.79963W_I=249.9mA

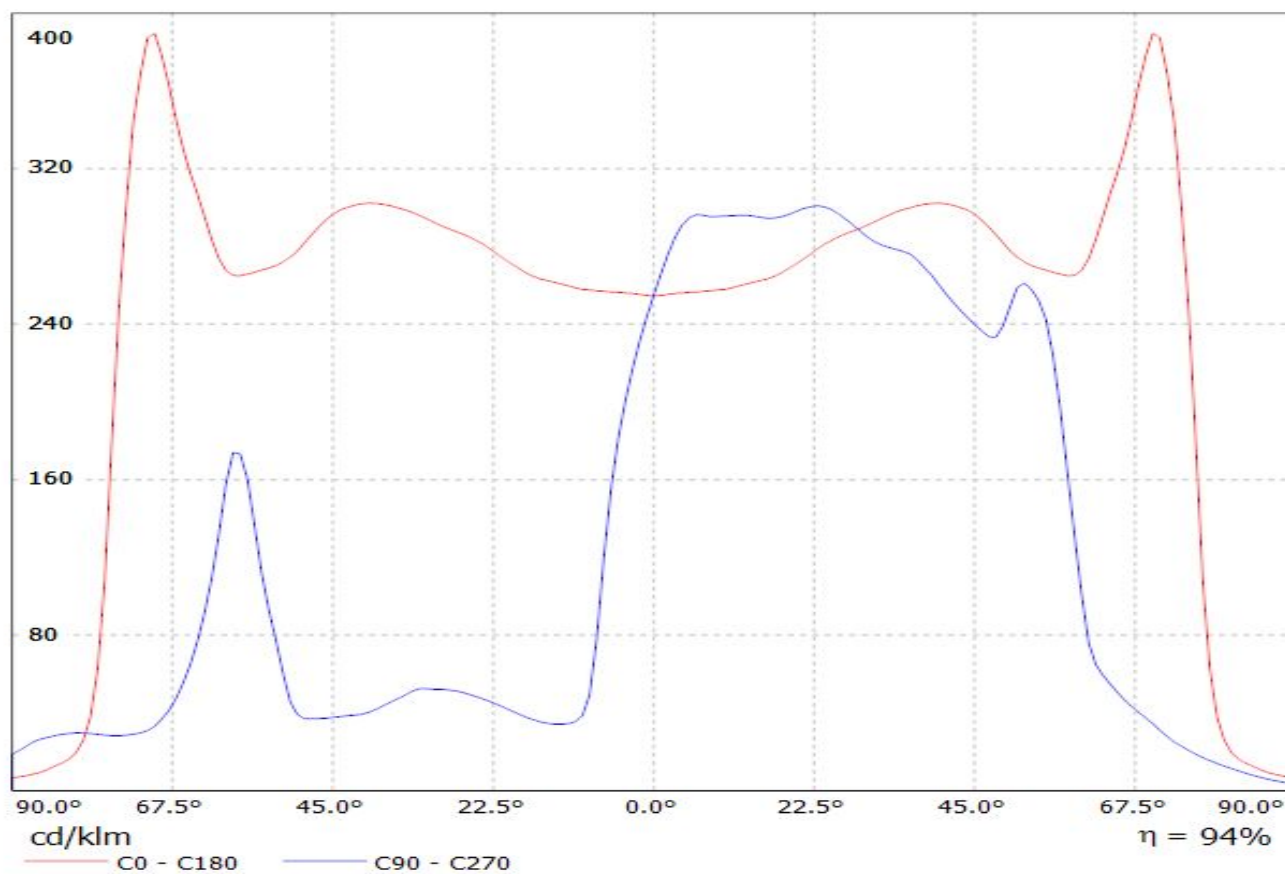


Luminaire: Ledil C13301_STRADA-2X2-T3_(Luxeon_MZ)

Lamps: 1 x Philips_Lumileds_Luxeon_MZ_(LMZ7-QW57)_(2x2)_427.268lm@250mA_P=2.734W_I=0.2500A

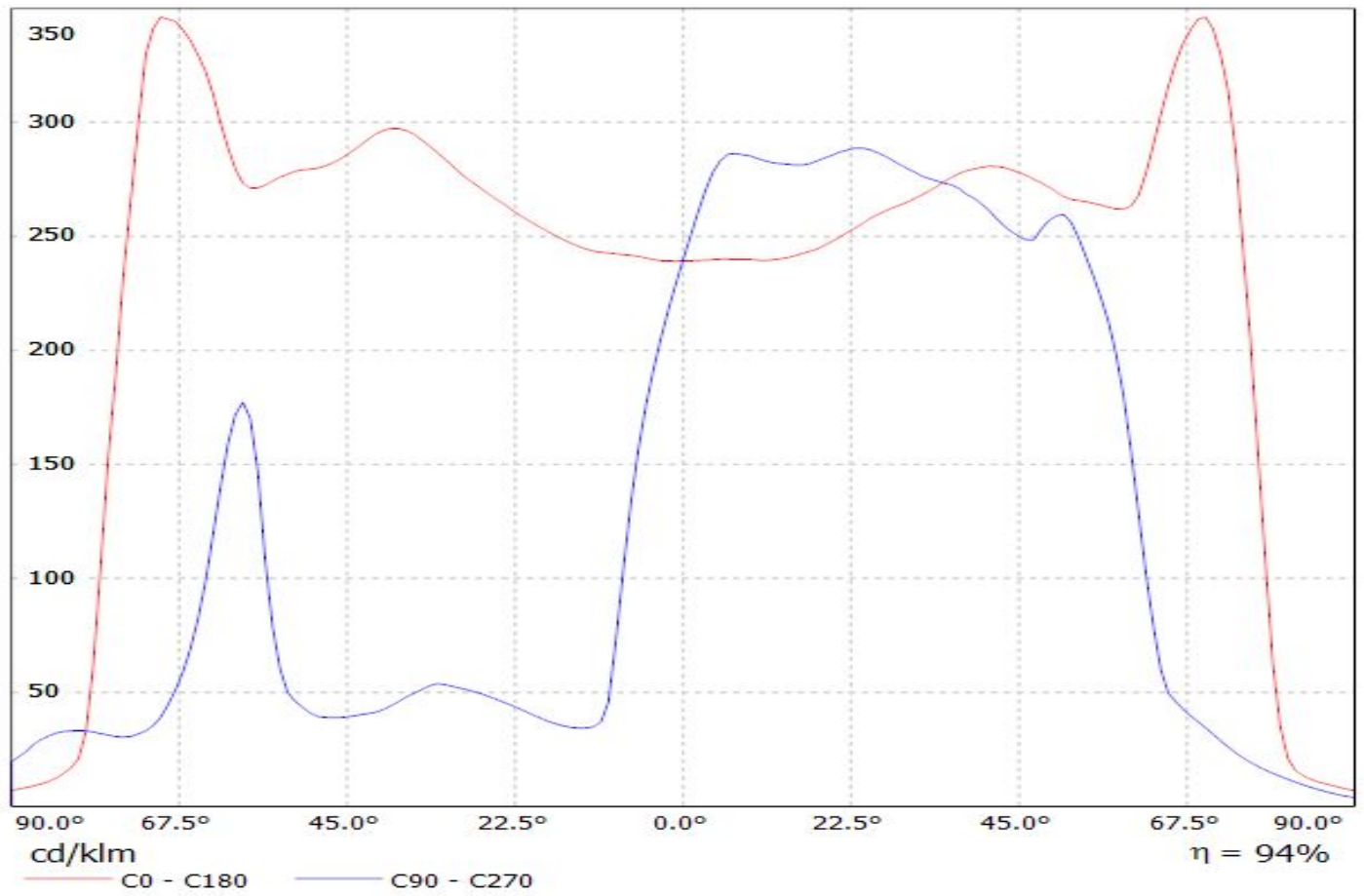


Luminaire: LEDiL Oy C13301_STRADA-2X2-T3_(Luxeon_TX)
Lamps: 1 x Luxeon_TX_2x2_321.384lm@250mA_P=2.79488W_I=249.9mA



Luminaire: LEDiL Oy C13301_STRADA-2X2-T3_(LH351B)

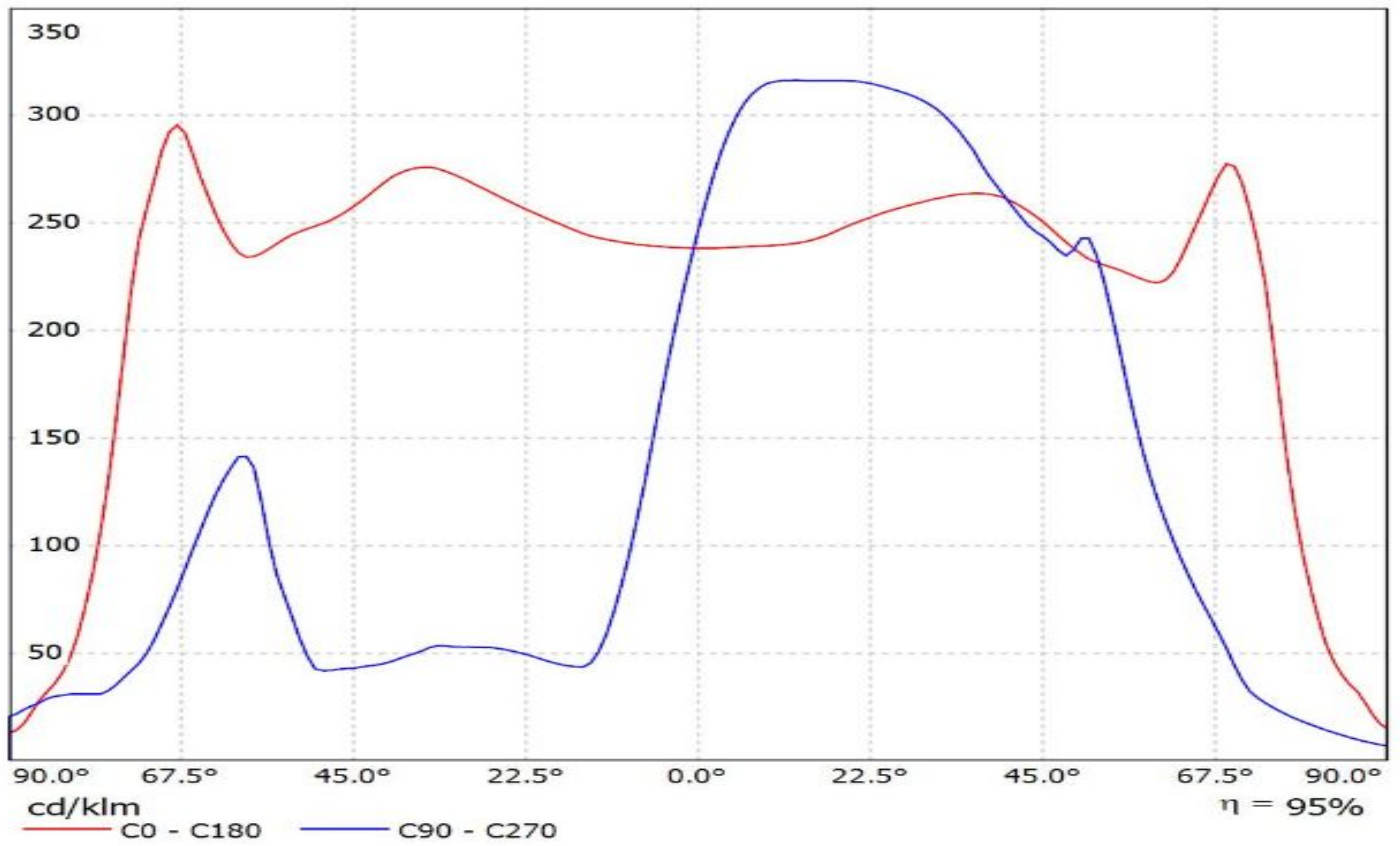
Lamps: 1 x SAMSUNG_LH351B_2x2_442.67lm@250mA_P=2.84311W_I=249.9mA



Ledil C13301_STRADA-2X2-T3_(TL1L3) / LDC (Linear)

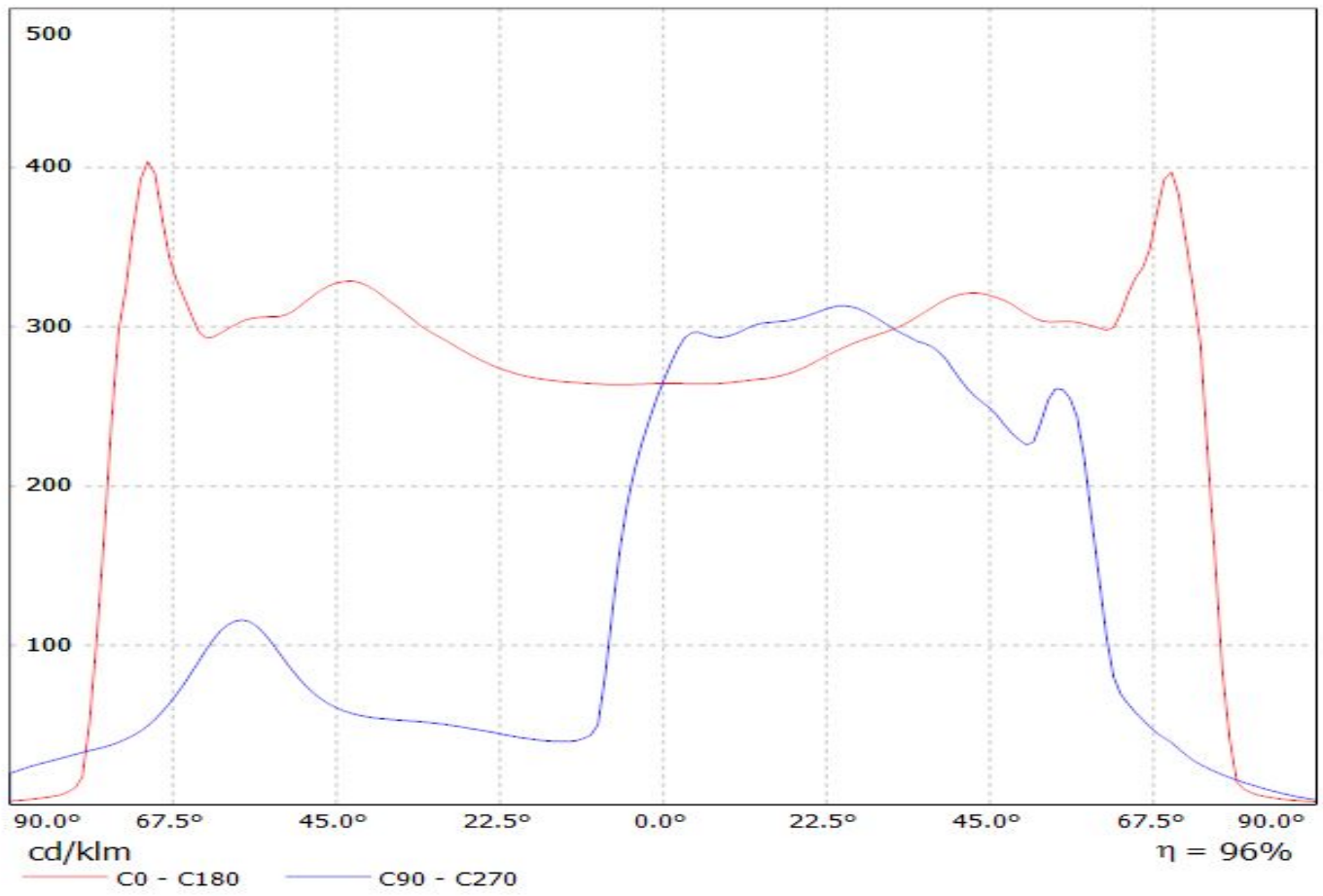
Luminaire: Ledil C13301_STRADA-2X2-T3_(TL1L3)

Lamps: 1 x Toshiba_TL1L3_2x2_(TL1L3-NW1.L)_387.773lm@250mA_CCT=5000K_P=2.829W_I=0.25A

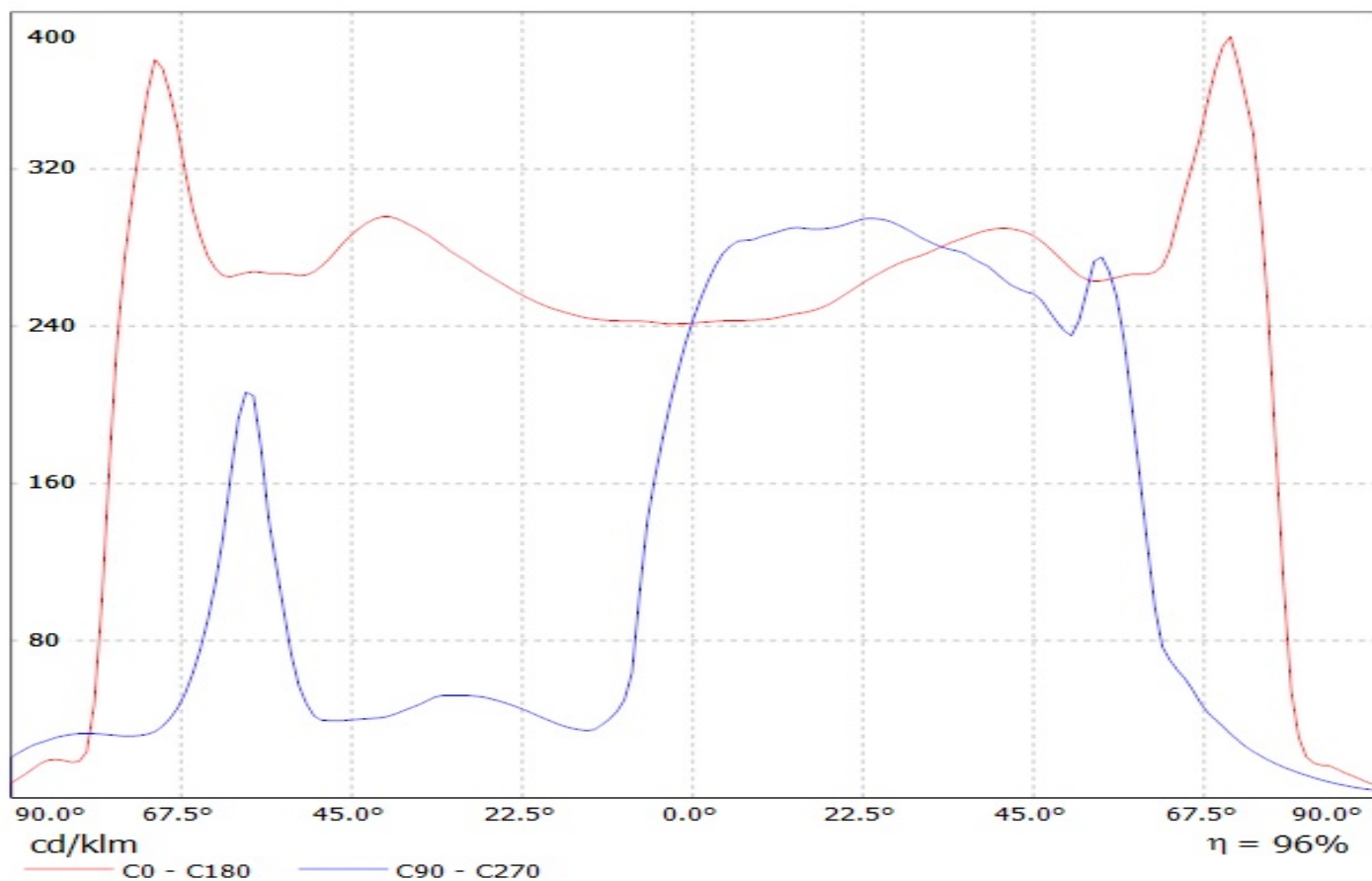


Luminaire: LEDiL Oy C13301_STRADA-2X2-T3_(Fortimo_F-Flex_2x8_740DAG3)

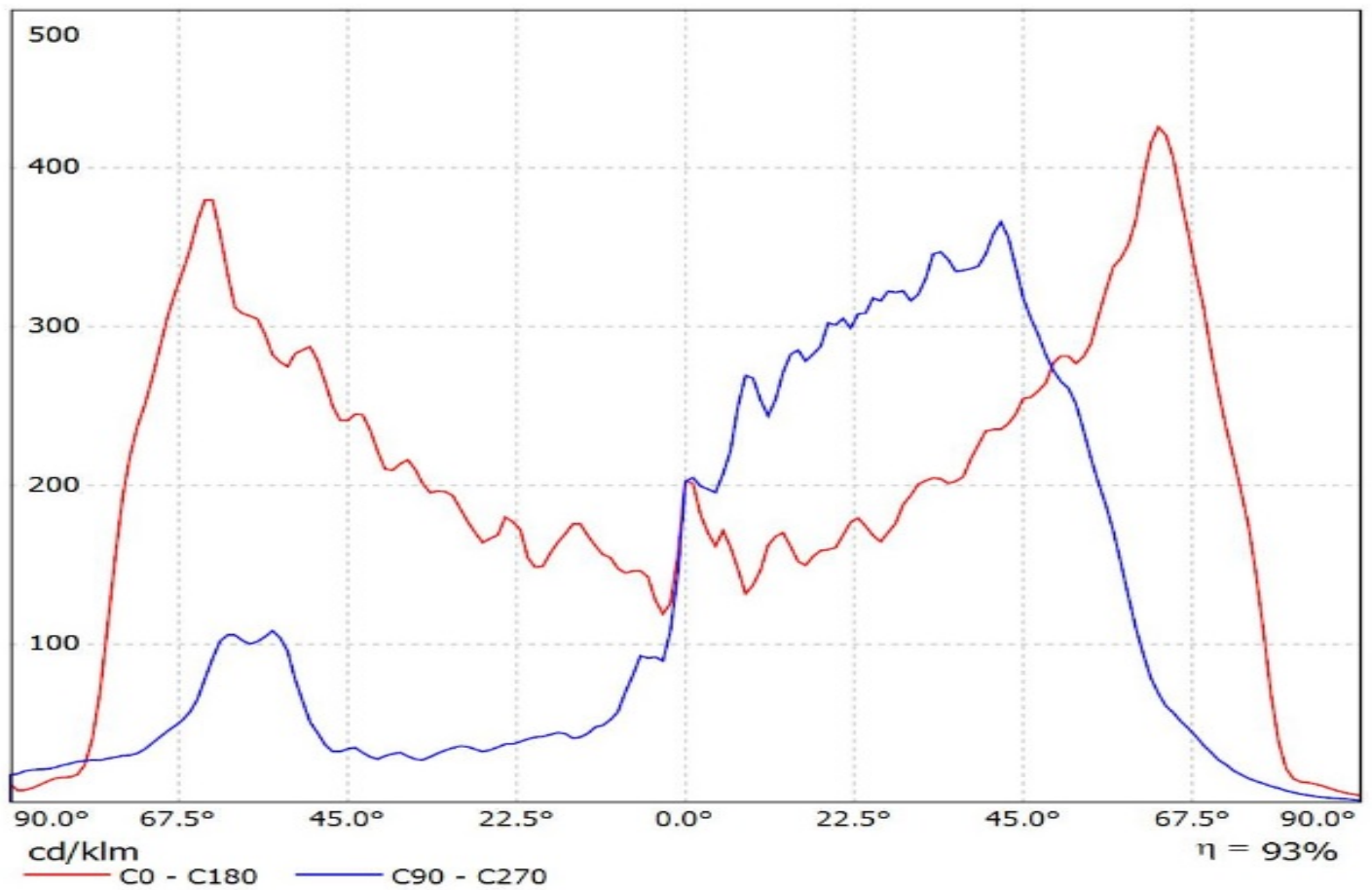
Lamps: 1 x Philips_Fortimo_F-Flex_2x8_740DAG3_1786.86lm@250mA_P=11.6092W_I=0.2498A



Luminaire: LEDiL Oy C13301_STRADA-2X2-T3_(XP-L_HI)
Lamps: 1 x Cree_XP-L_HI_(2x2)_ (XPLAWT-H-5A3-U60-013-0001)
_455.077lm@250mA_P=2.84011W_I=0.2499A



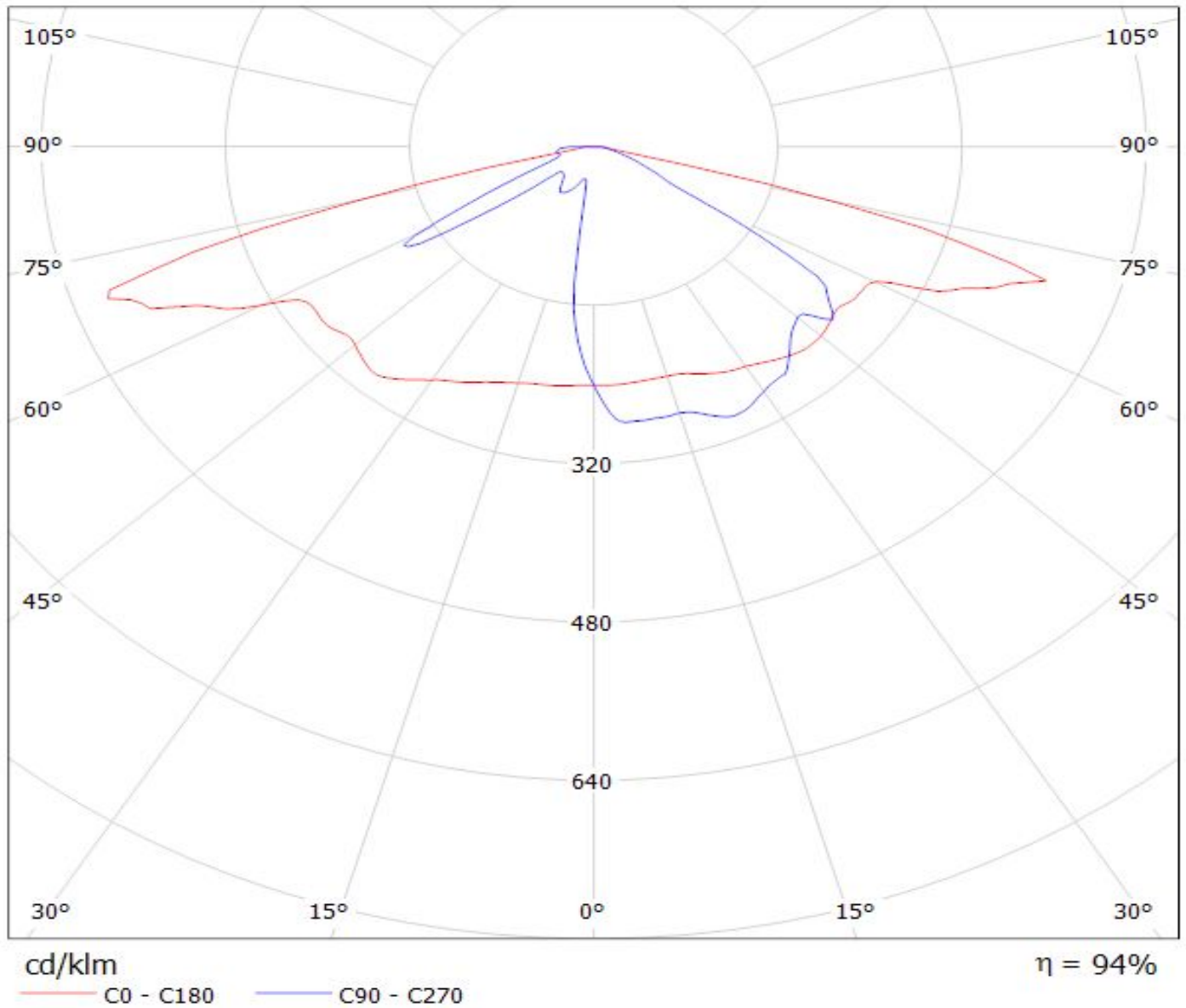
Luminaire: Ledil Oy C13301STRADA-2X2-T3_(Duris_S8_Gen2)_SIMULATED
Lamps: 1 x OSRAM_DURIS S8 GEN2 5050 package



LEDiL Oy C13301_STRADA-2x2-T3_(LUXEON_T) Eff.93.9% / LDC (Polar)

Luminaire: LEDiL Oy C13301_STRADA-2x2-T3_(LUXEON_T) Eff.93.9%

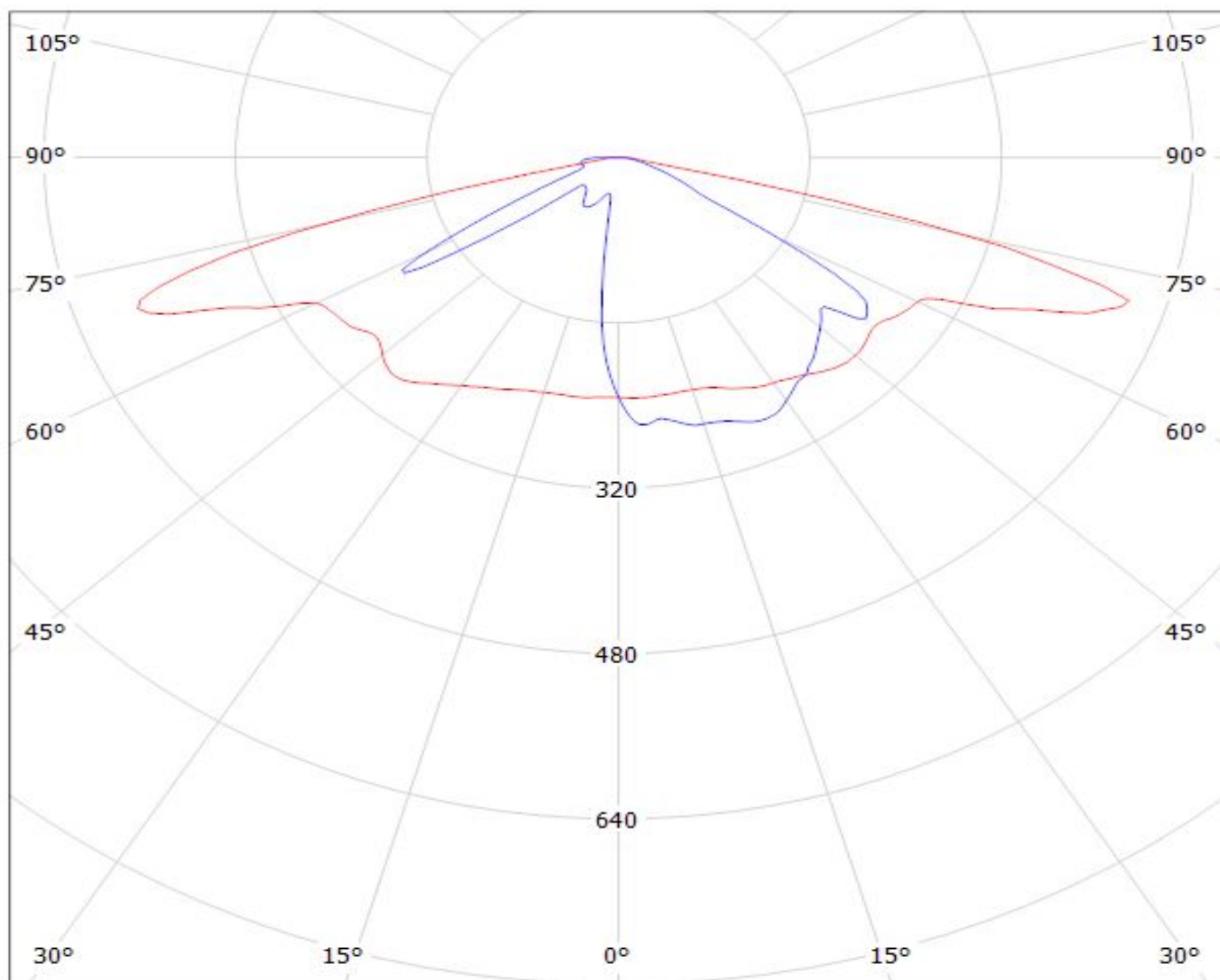
Lamps: 1 x LUXEON_T (294lm@250mA)



LEDiL Oy C13301_STRADA-2X2-T3_(XP-G) Eff.94.2% / LDC (Polar)

Luminaire: LEDiL Oy C13301_STRADA-2X2-T3_(XP-G) Eff.94.2%

Lamps: 1 x CREE XP-G2 (259lm@250mA)



cd/klm

— C0 - C180

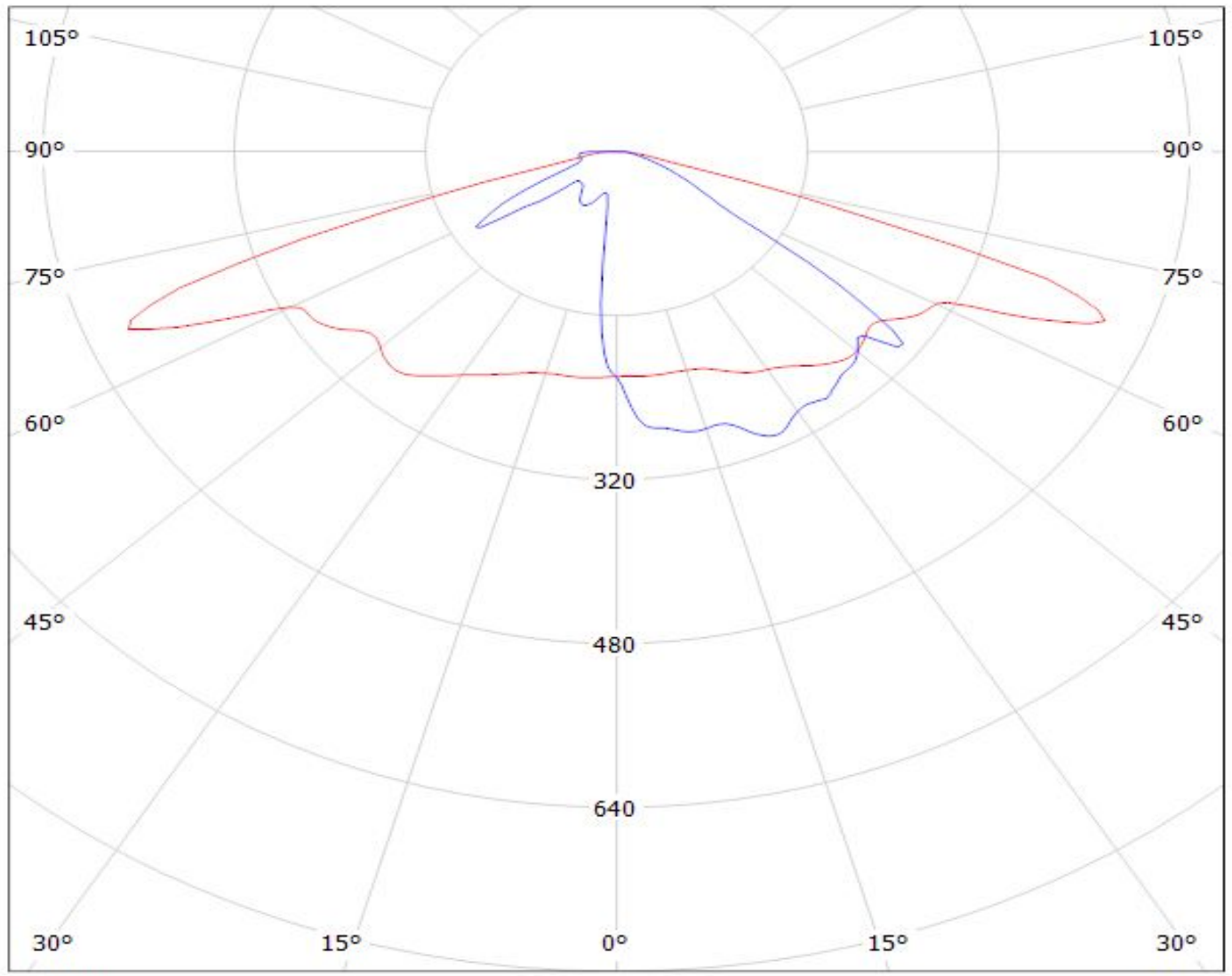
— C90 - C270

$\eta = 94\%$

LEDiL Oy C13301_STRADA-2X2-T3_(SQ-PC) Eff.94.3% / LDC (Polar)

Luminaire: LEDiL Oy C13301_STRADA-2X2-T3_(SQ-PC) Eff.94.3%

Lamps: 1 x Oslon Square PC (399lm@250mA)



cd/klm

— C0 - C180

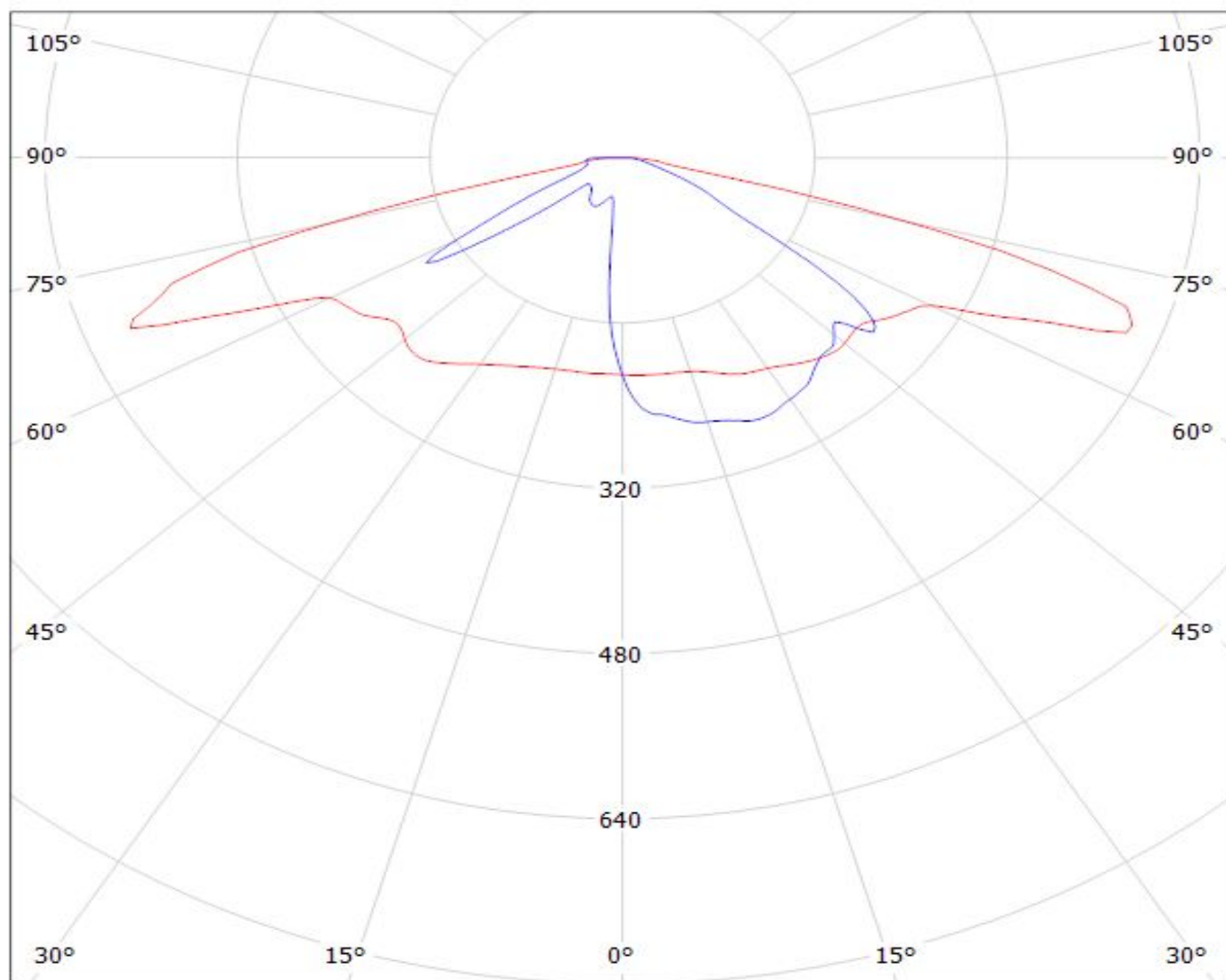
— C90 - C270

$\eta = 94\%$

LEDiL Oy C13301_STRADA-2X2-T3_(XT-E) 95.0% / LDC (Polar)

Luminaire: LEDiL Oy C13301_STRADA-2X2-T3_(XT-E) 95.0%

Lamps: 1 x CREE_XT-E (390lm@250mA)



cd/klm

— C0 - C180

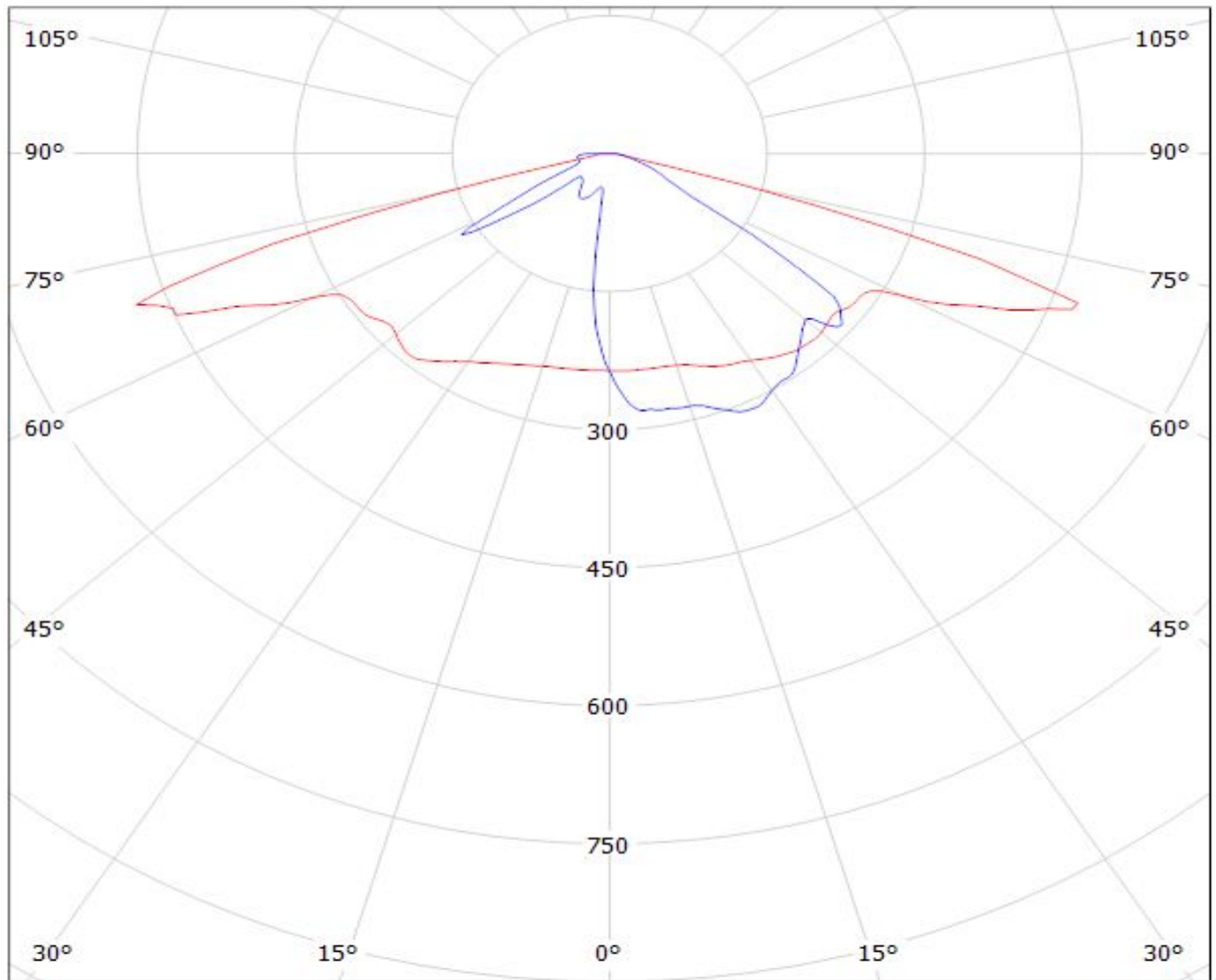
— C90 - C270

$\eta = 95\%$

LEDiL Oy C13301_STRADA-2X2-T3_(Rebel-ES) Eff.94.1% / LDC (Polar)

Luminaire: LEDiL Oy C13301_STRADA-2X2-T3_(Rebel-ES) Eff.94.1%

Lamps: 1 x Rebel-ES (341lm@250mA)



cd/klm

— C0 - C180

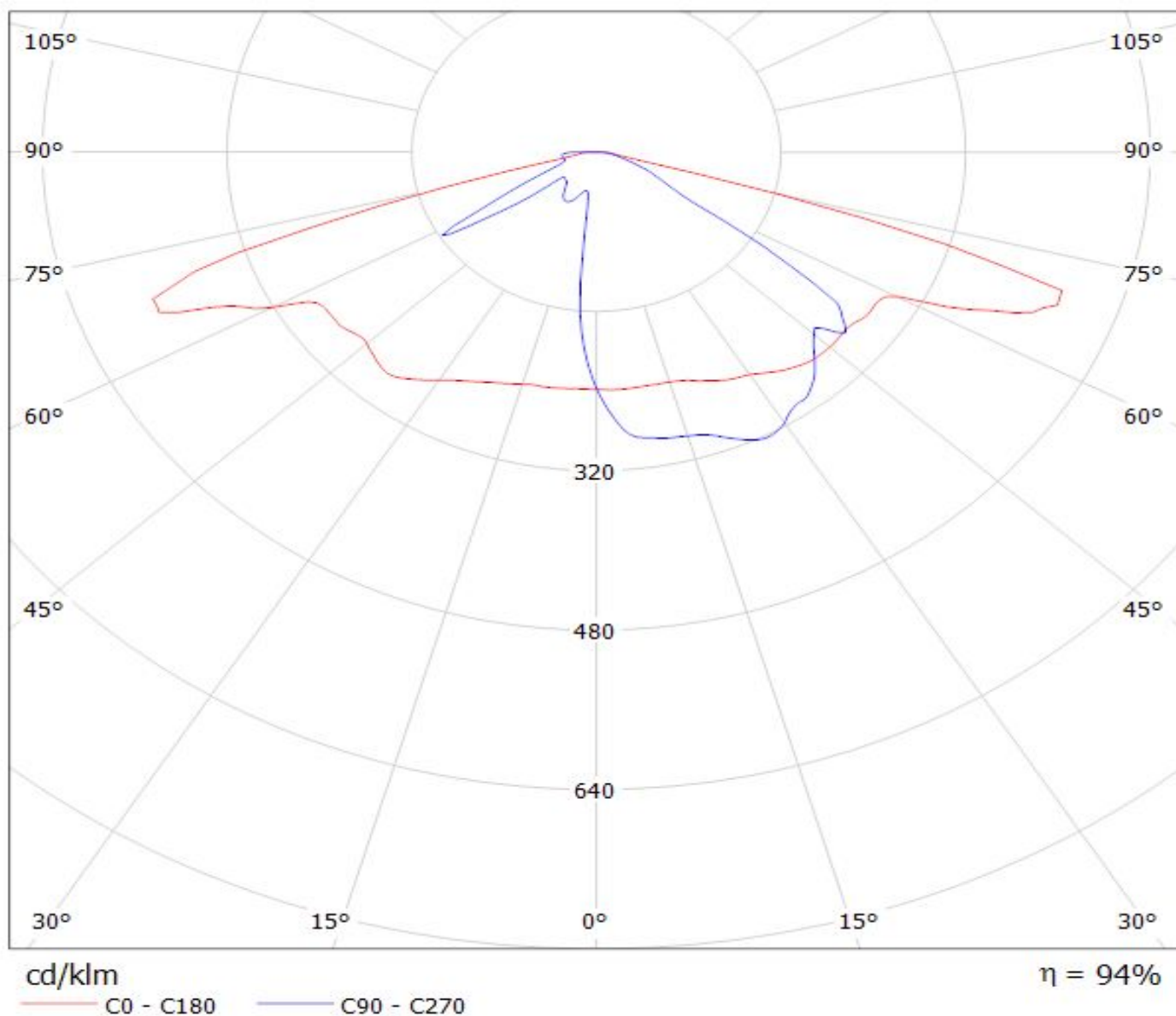
— C90 - C270

$\eta = 94\%$

LEDiL Oy C13300_STRADA-2X2-T2_(LUXEON_R) Eff.94.4% / LDC (Polar)

Luminaire: LEDiL Oy C13300_STRADA-2X2-T2_(LUXEON_R) Eff.94.4%

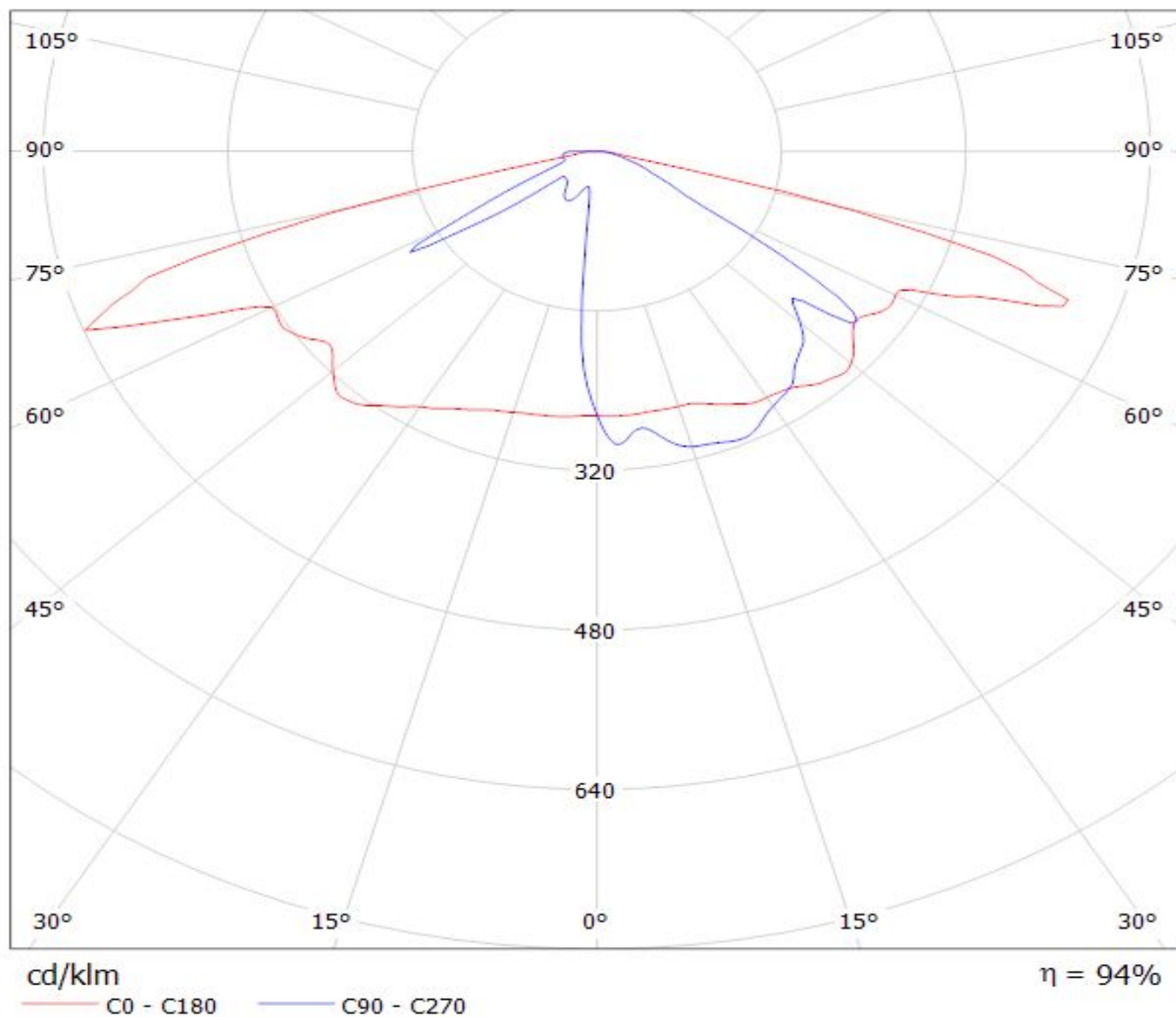
Lamps: 1 x LUXEON_R (315lm@250mA)



LEDiL Oy C13301_STRADA-2X2-T3_(Z5P) Eff.94.3% / LDC (Polar)

Luminaire: LEDiL Oy C13301_STRADA-2X2-T3_(Z5P) Eff.94.3%

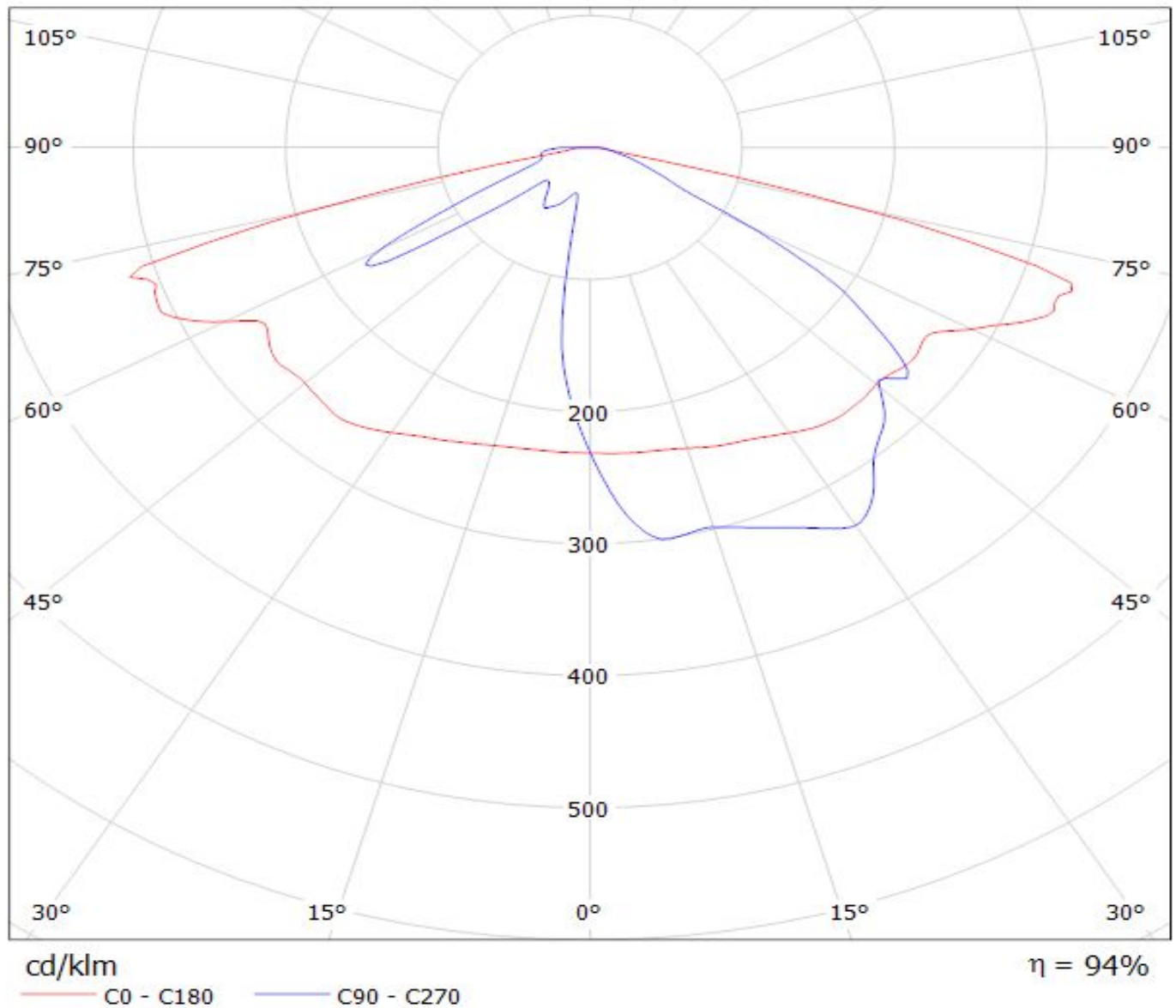
Lamps: 1 x Seoul Z5P (290lm@250mA)



LEDiL Oy C13301_STRADA-2X2-T3_(XM-L2) Eff.94.3% / LDC (Polar)

Luminaire: LEDiL Oy C13301_STRADA-2X2-T3_(XM-L2) Eff.94.3%

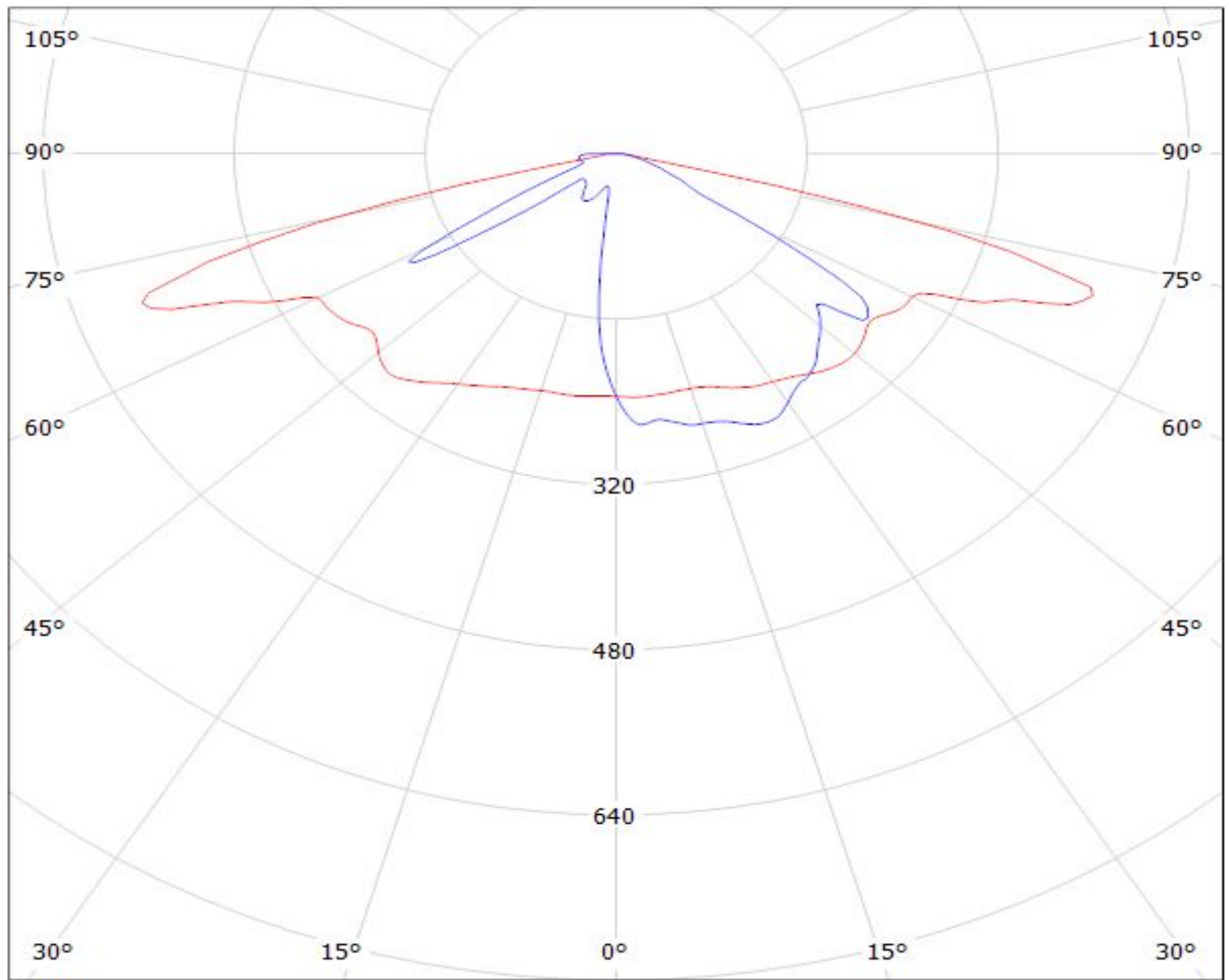
Lamps: 1 x XM-L2 (366lm@250mA)



LEDiL Oy C13301_STRADA-2X2-T3_(XP-G2) Eff.92.0% / LDC (Polar)

Luminaire: LEDiL Oy C13301_STRADA-2X2-T3_(XP-G2) Eff.92.0%

Lamps: 1 x CREE XP-G2 (433lm@250mA)



cd/klm

— C0 - C180

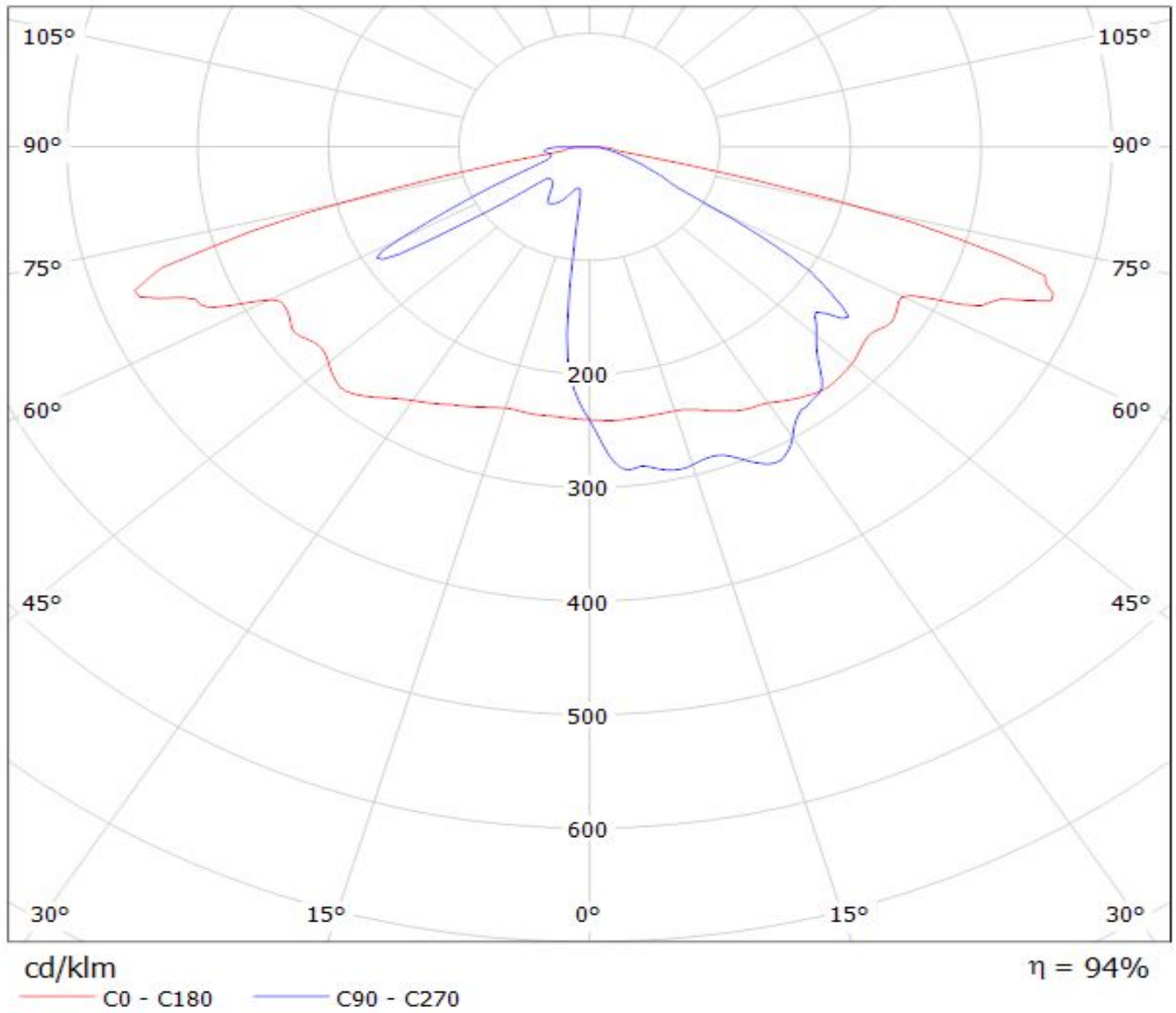
— C90 - C270

η = 92%

LEDiL Oy C13301_STRADA-2X2-T3_(LG_3535) Eff.94.4% / LDC (Polar)

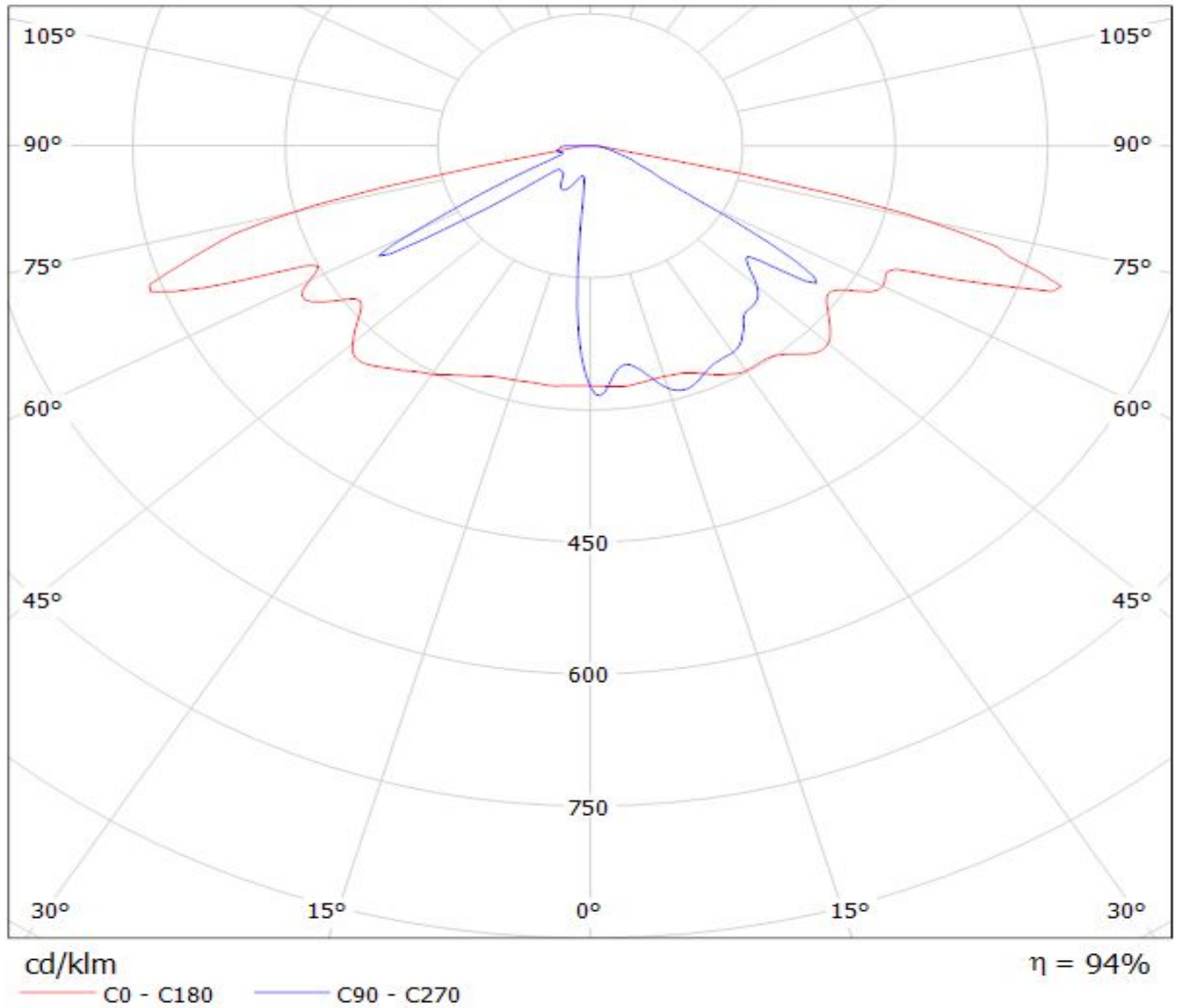
Luminaire: LEDiL Oy C13301_STRADA-2X2-T3_(LG_3535) Eff.94.4%

Lamps: 1 x LG_3535_Ceramic_2x2 (374lm@250mA)



LEDiL Oy C13301_STRADA-2X2-T3_(3535) Eff.94.0% / LDC (Polar)

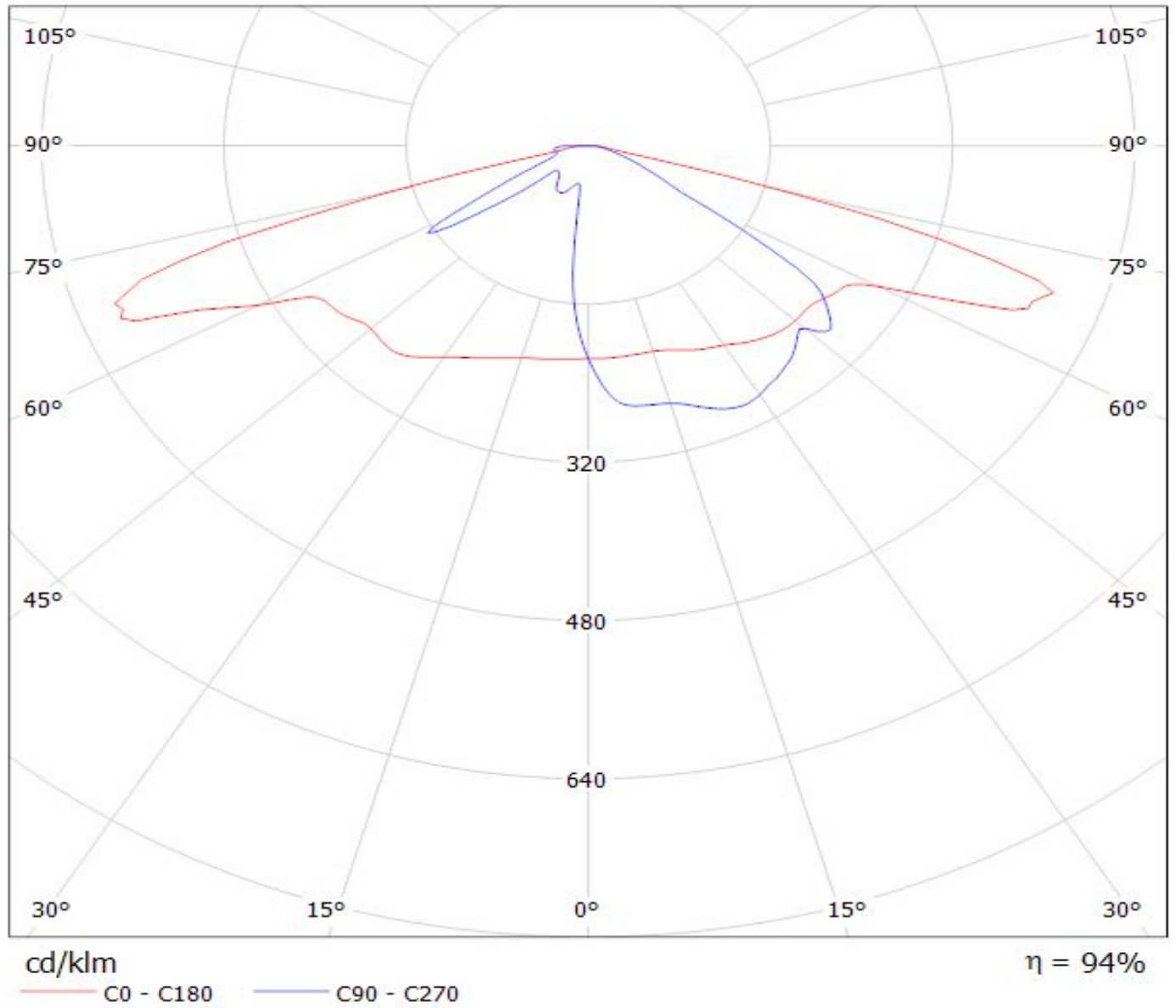
Luminaire: LEDiL Oy C13301_STRADA-2X2-T3_(3535) Eff.94.0%
Lamps: 1 x Samsung_3535 (343lm@250mA)



LEDiL Oy C13301_STRADA-2X2-T3_(Nichia_219B) Eff.94.4% / LDC (Polar)

Luminaire: LEDiL Oy C13301_STRADA-2X2-T3_(Nichia_219B) Eff.94.4%

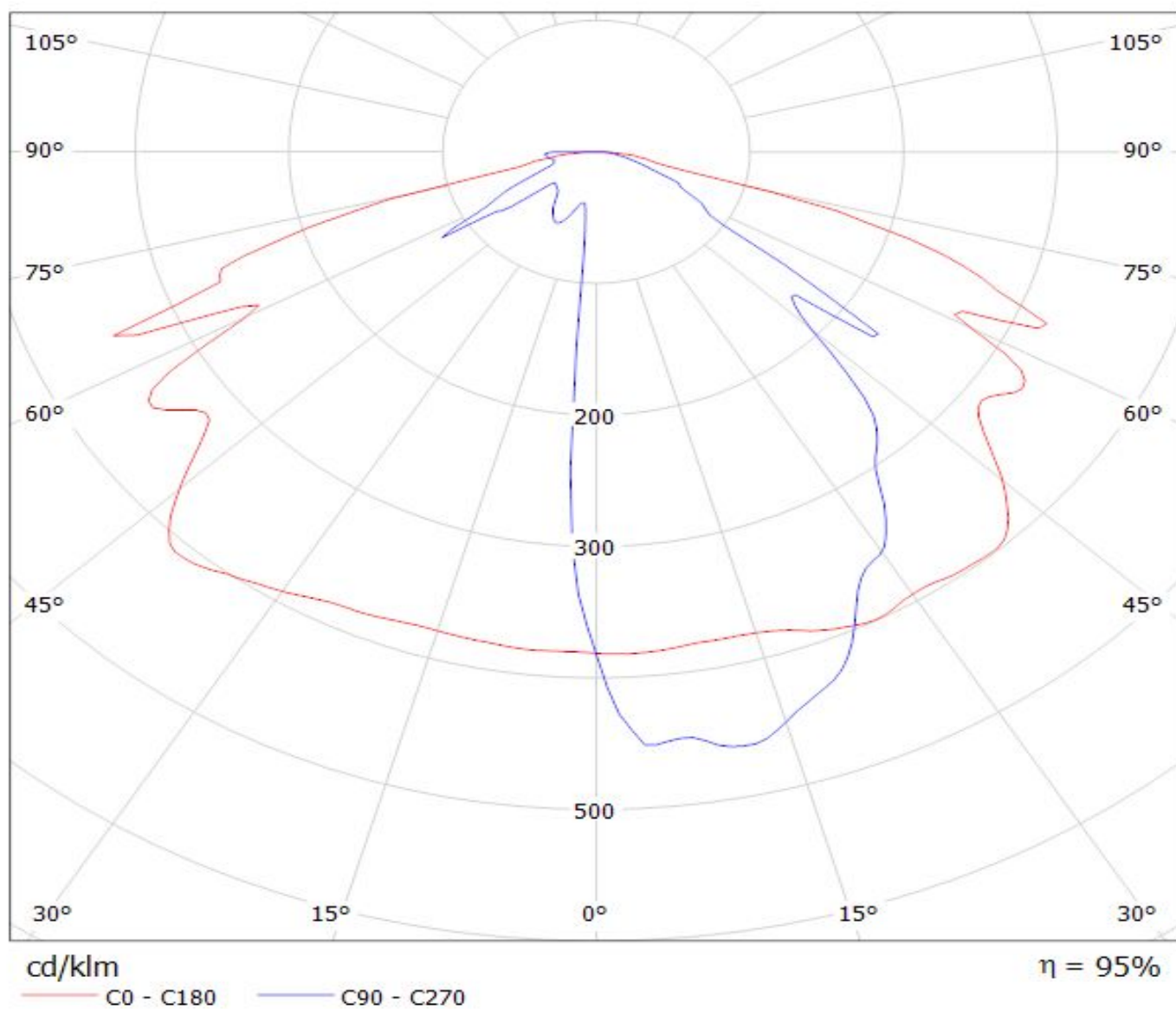
Lamps: 1 x Nichia_219B (310lm@250mA)



LEDiL Oy C13301_STRADA-2X2-T3_(SSL80) Eff.95.0% / LDC (Polar)

Luminaire: LEDiL Oy C13301_STRADA-2X2-T3_(SSL80) Eff.95.0%

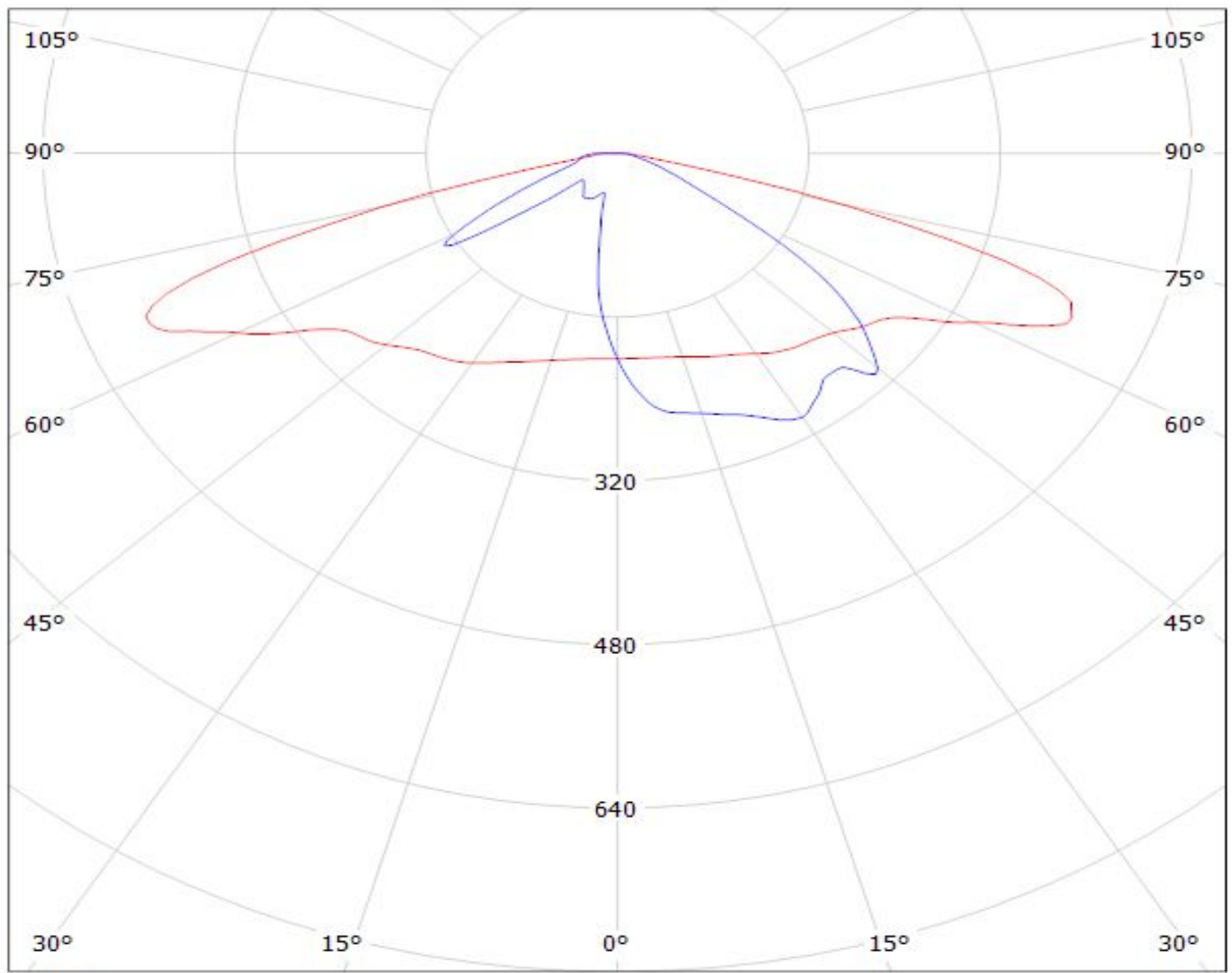
Lamps: 1 x Oslon_SSL80 (311lm@250mA)



LEDiL Oy C13301_STRADA-2x2-T3_(N383) Eff.95.9% / LDC (Polar)

Luminaire: LEDiL Oy C13301_STRADA-2x2-T3_(N383) Eff.95.9%

Lamps: 1 x NICHIA_NS9x383 (287.074lm@250mA)



cd/klm

— C0 - C180

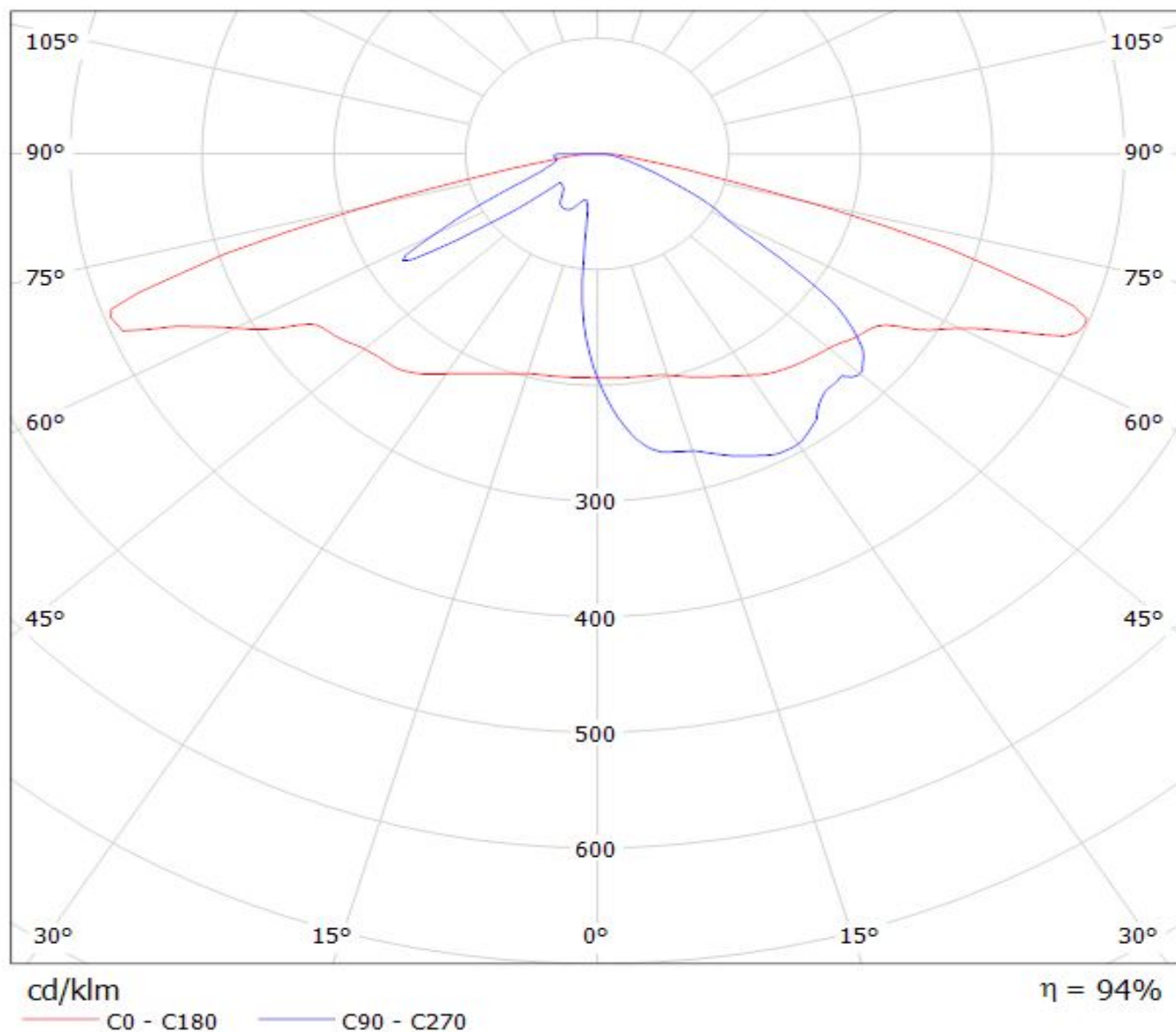
— C90 - C270

η = 96%

LEDiL Oy C13301_STRADA-2x2-T3_(MJT4040) Eff.94.0% / LDC (Polar)

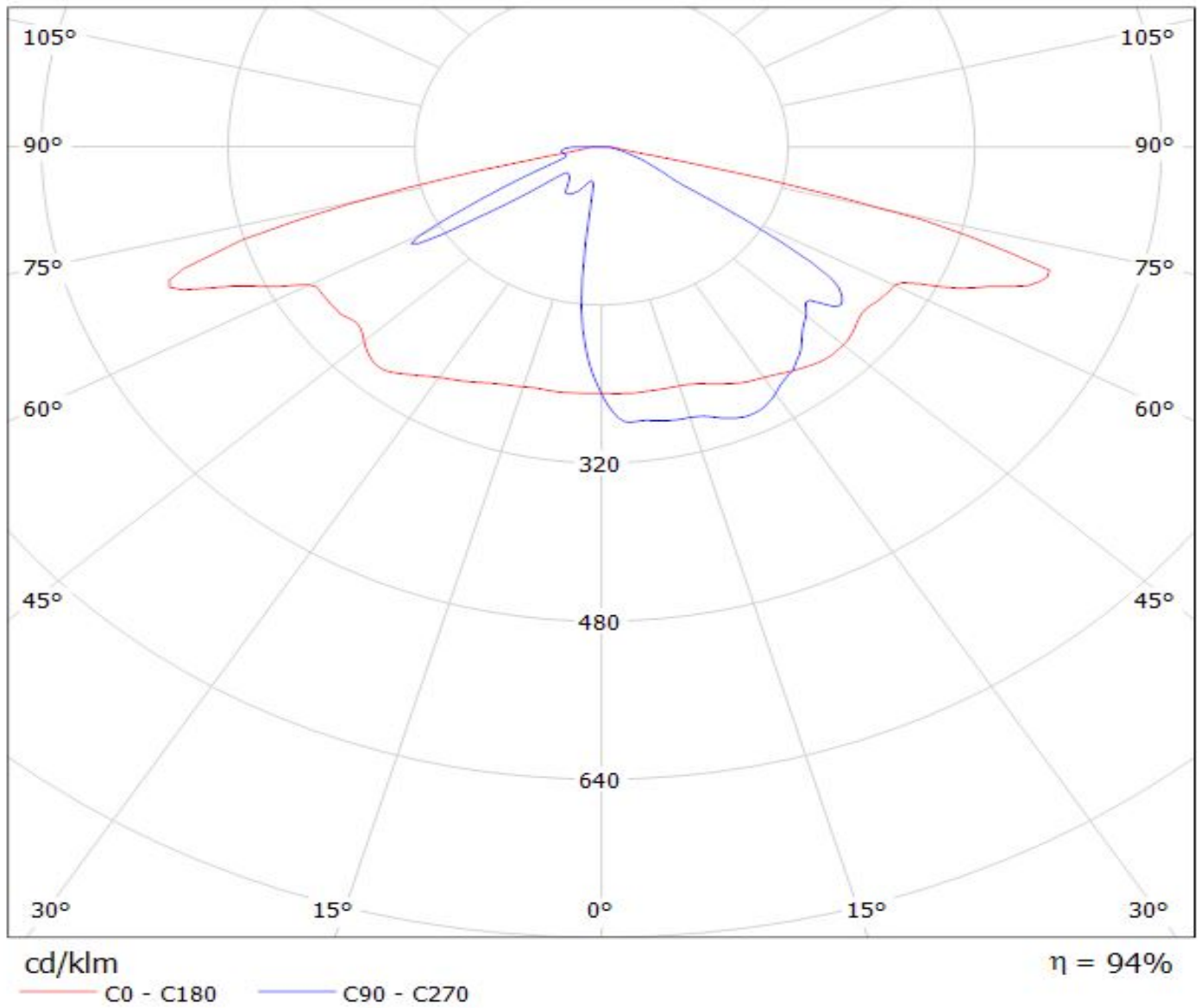
Luminaire: LEDiL Oy C13301_STRADA-2x2-T3_(MJT4040) Eff.94.0%

Lamps: 1 x SEOUL ACHRICH MJT4040 (SAW09H0A) 258lm@40mA P=2.37W I=40mA

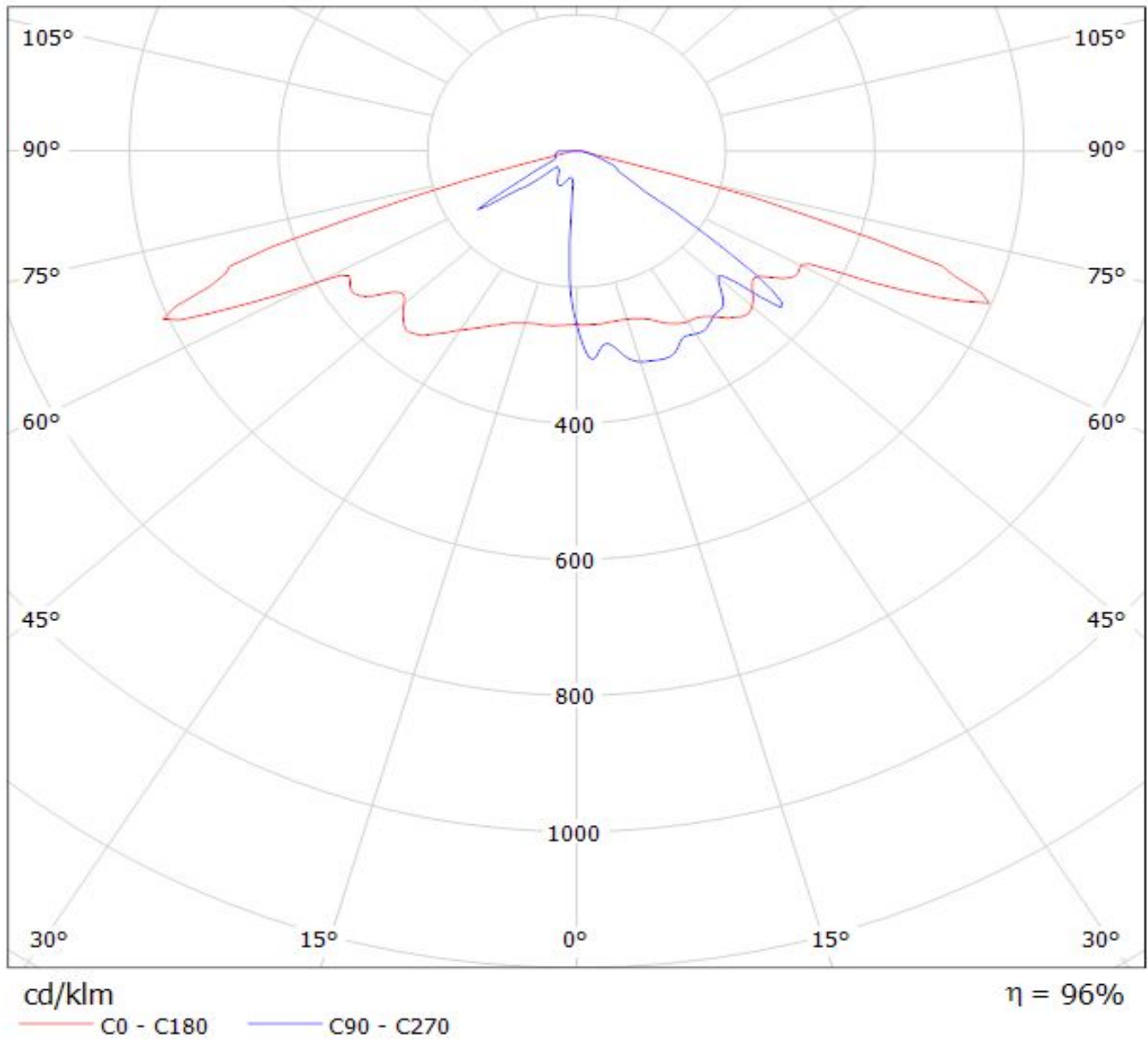


LEDiL Oy C13301_STRADA-2X2-T3_(LG-3535-CERAMIC-GEN2) Eff.94.0% / LDC (Polar)

Luminaire: LEDiL Oy C13301_STRADA-2X2-T3_(LG-3535-CERAMIC-GEN2) Eff.94.0%
Lamps: 1 x LG-3535-CERAMIC-GEN2_2x2_475.25lm@250mA_P=2.8651W_CCT=6562K_I=249.9mA



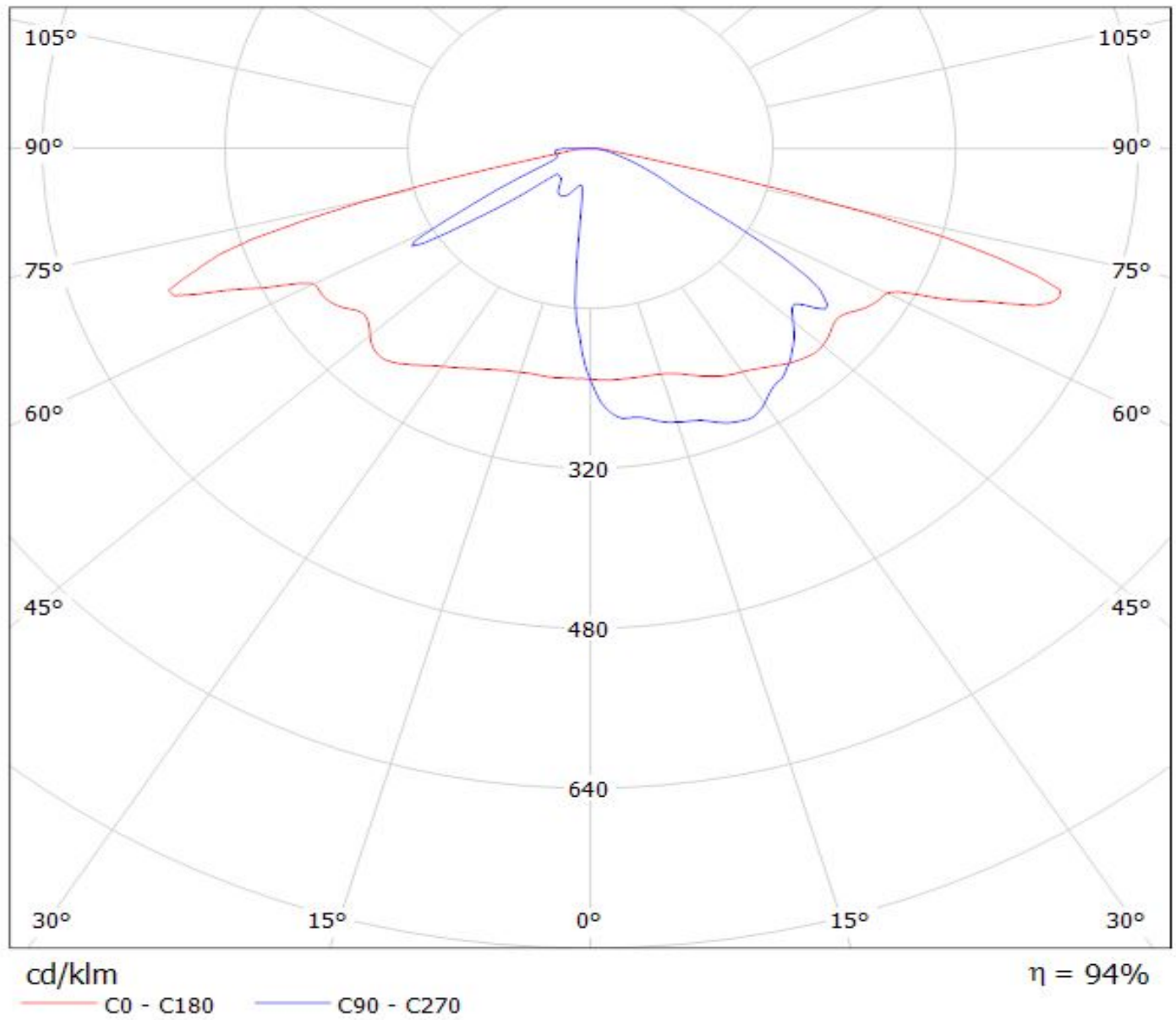
Luminaire: LEDiL Oy C13301_STRADA-2X2-T3_(Luxeon-Z-ES) Eff. 94%
Lamps: 1 x Luxeon Z ES 2x2 (LXZ2-3090) 209.277lm@250mA_P=2.81W_I=0.2499A



LEDiL Oy C13301_STRADA-2X2-T3_(Z5M) Eff.94.0% / LDC (Polar)

Luminaire: LEDiL Oy C13301_STRADA-2X2-T3_(Z5M) Eff.94.0%

Lamps: 1 x SEOUL_Z5M_(SZ5-M0-W0-00)_362.8lm@250mA_P=2.95788W_I=249.8mA

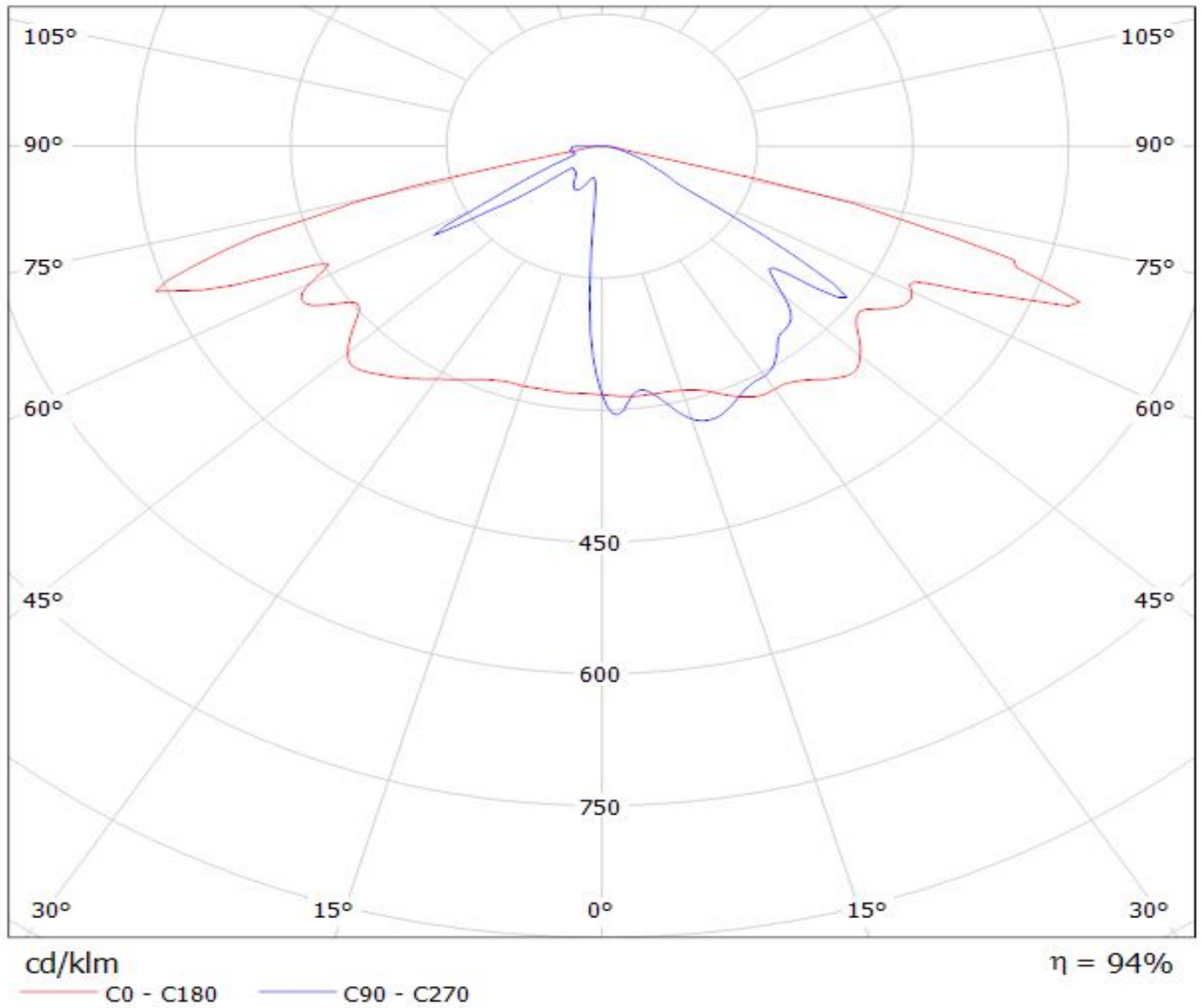


LEDiL Oy C13301_STRADA-2X2-T3_(XP-E2) Eff.94.0% / LDC (Polar)

Luminaire: LEDiL Oy C13301_STRADA-2X2-T3_(XP-E2) Eff.94.0%

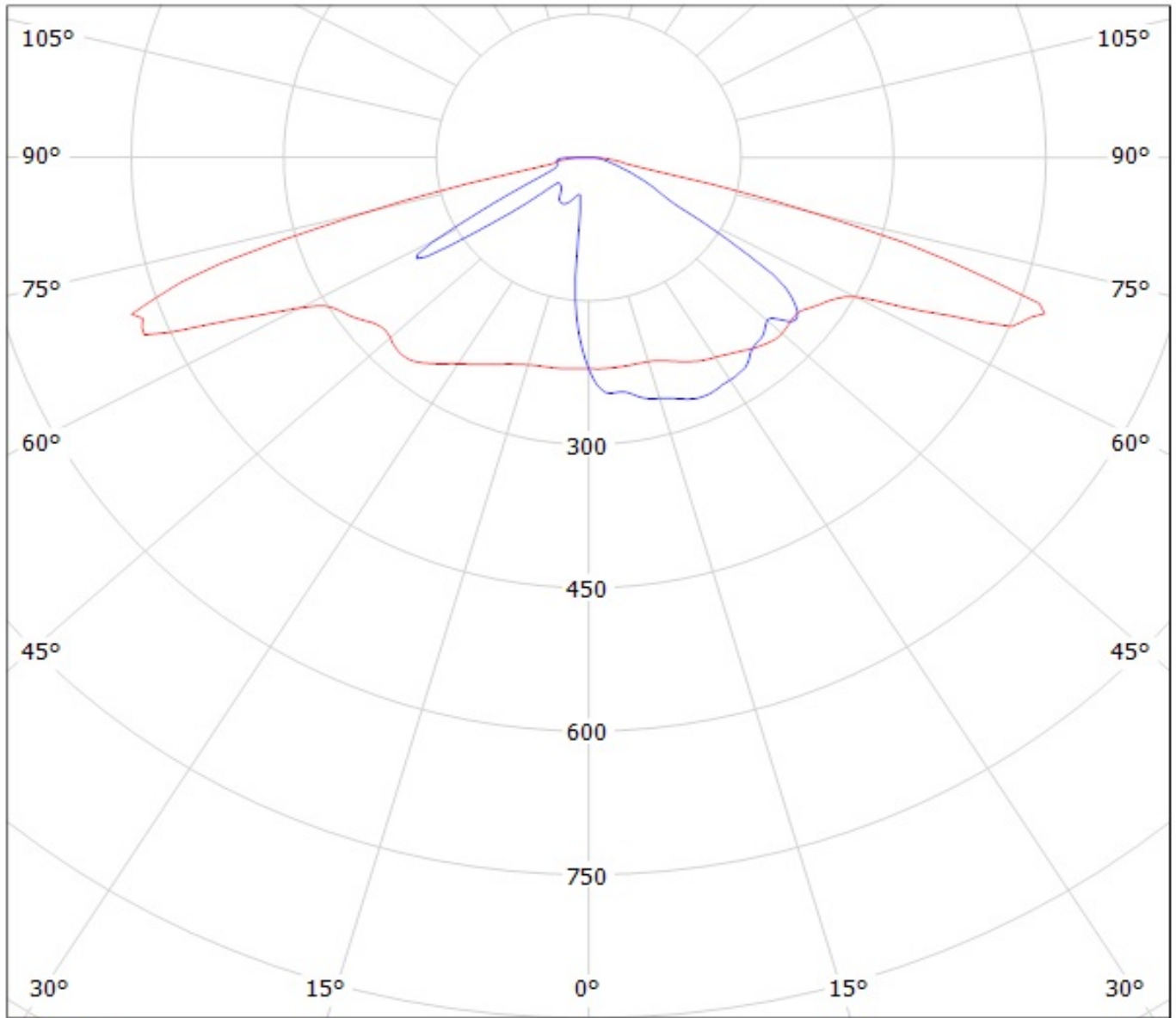
Lamps: 1 x CREE_XP-E2_2x2_(XPEBWT-L1-7B4-Q4-0-01)

_340.57lm@250mA_P=2.92366W_I=249.8mA



Luminaire: LEDiL Oy C13301_STRADA-2X2-T3_(LUXEON_Q) Eff.96.0%

Lamps: 1 x LUXEON_Q_2x2_(LHQ-3080)_299.038lm@250mA_P=2.8742W_I=249.8mA



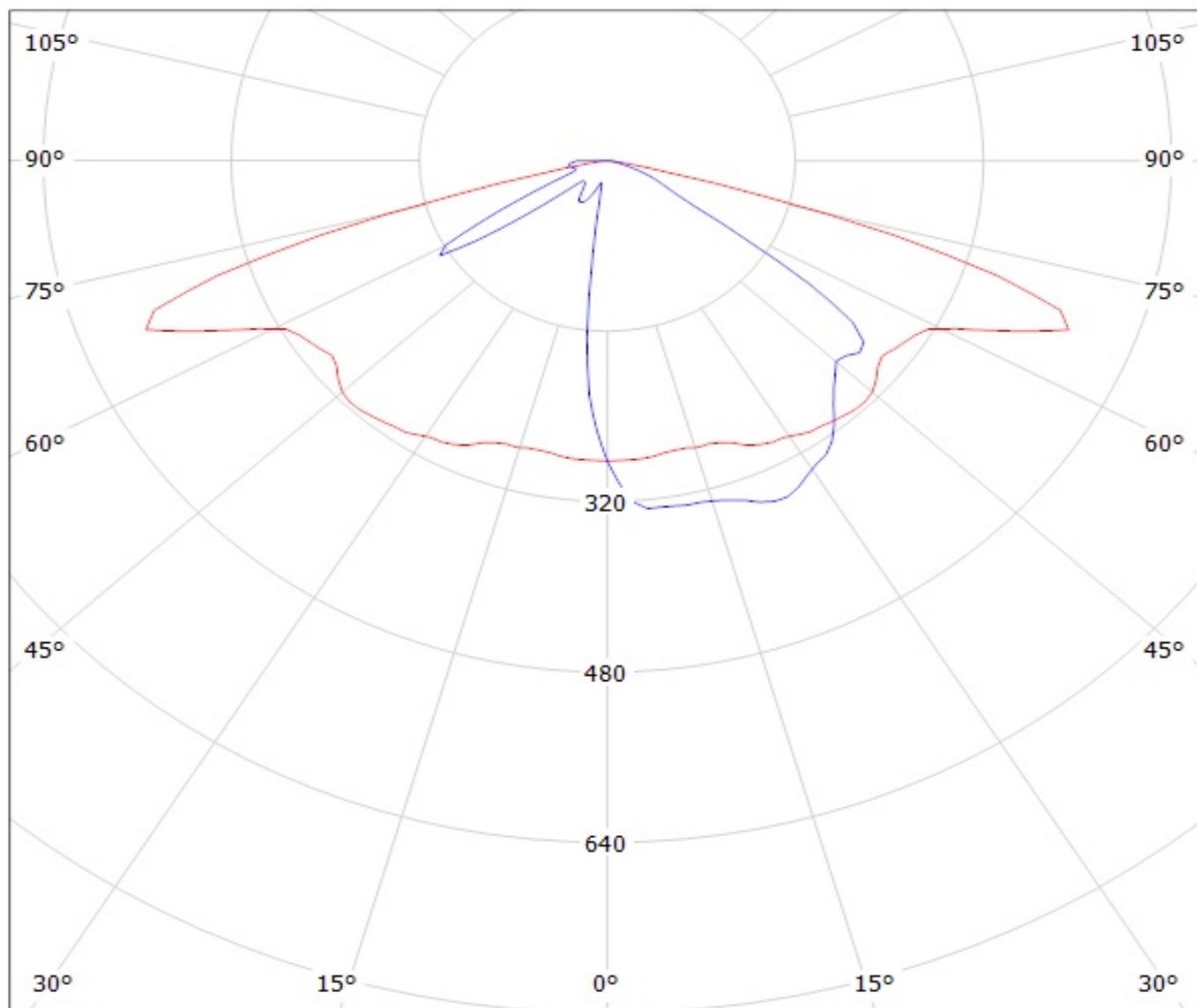
cd/klm

— C0 - C180

— C90 - C270

Luminaire: LEDil Oy C13301_STRADA-2X2-T3_(Z5M1) Efficiency=94%

Lamps: 1 x Seoul Z5M1 (SZ5-M1-WN-C8) 379lm @ 250mA CCT=4600K P=2.9W I=250mA



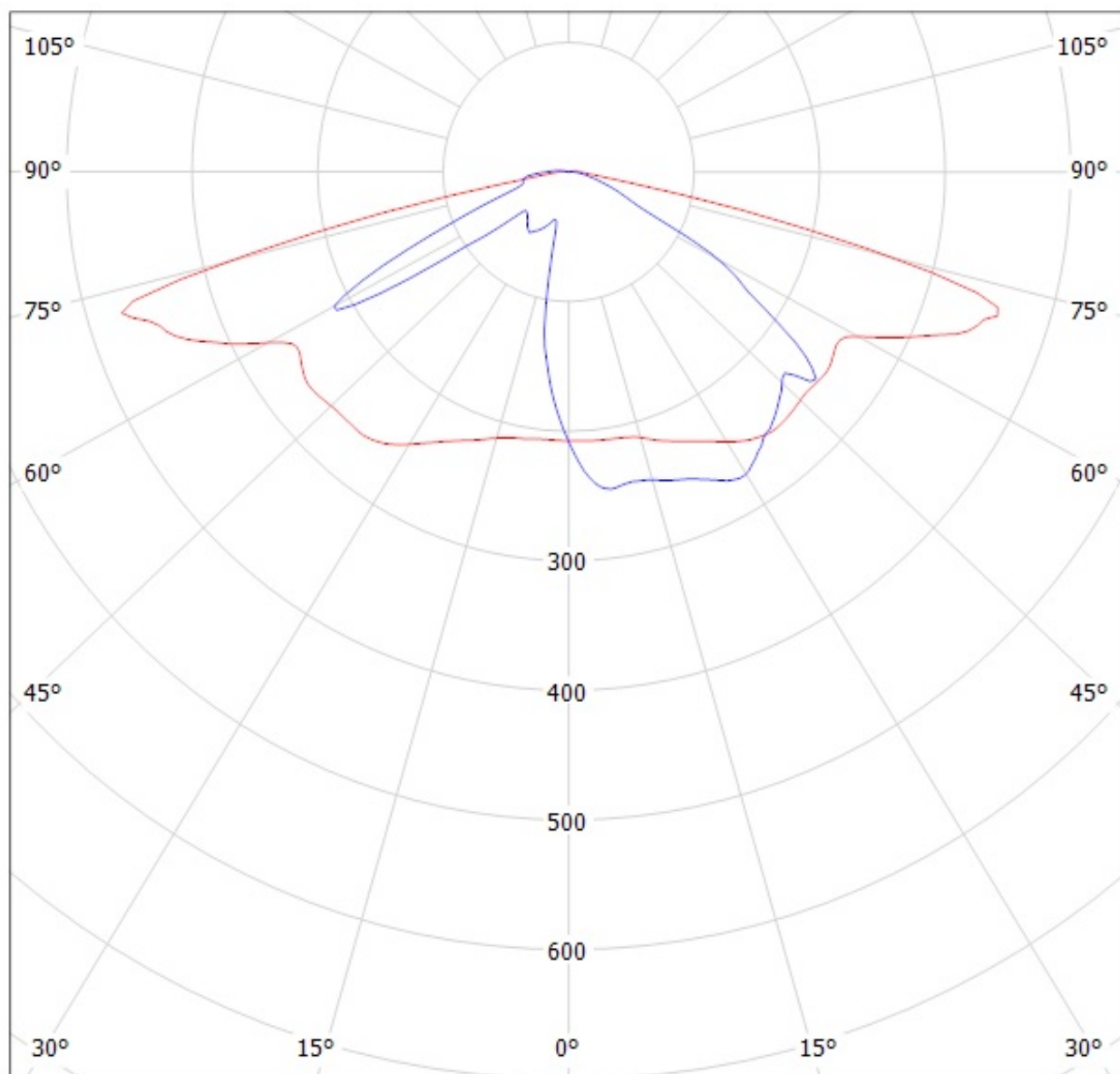
cd/klm

— C0 - C180

— C90 - C270

Luminaire: LEDiL Oy C13301_STRADA-2x2-T3_(XP-L)

Lamps: 1 x CREE_XP-L_2x2_(XPLAWT-0-1B0-V40-00-0001)_514lm@250mA_CCT=7600K_P=2.79963W_I=249.9mA



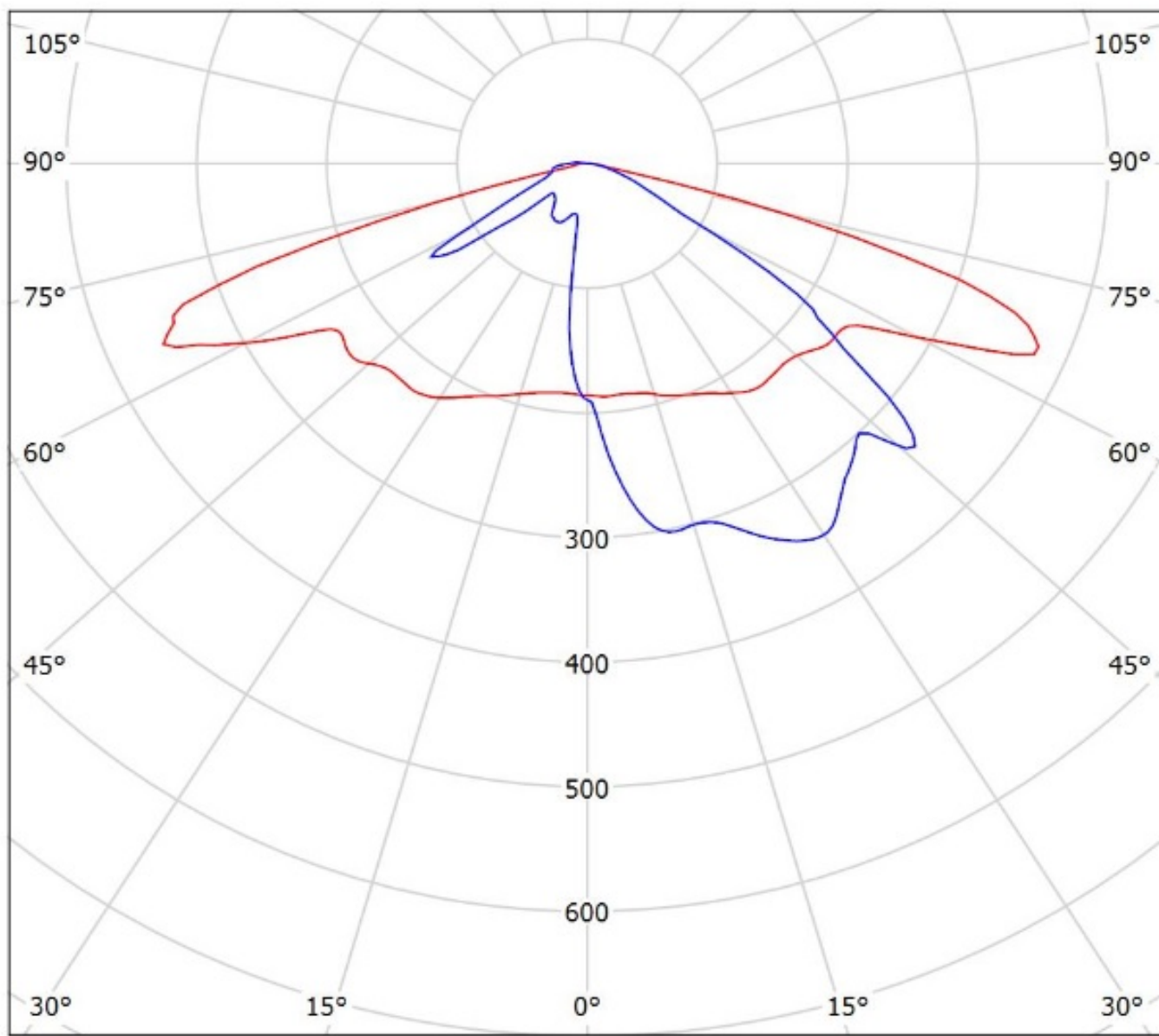
cd/klm

— C0 - C180 — C90 - C270

$\eta = 94\%$

Luminaire: Ledil C13301_STRADA-2X2-T3_(Luxeon_MZ)

Lamps: 1 x Philips_Lumileds_Luxeon_MZ_(LMZ7-QW57)_(2x2)_427.268lm@250mA_P=2.734W_I=0.2500A

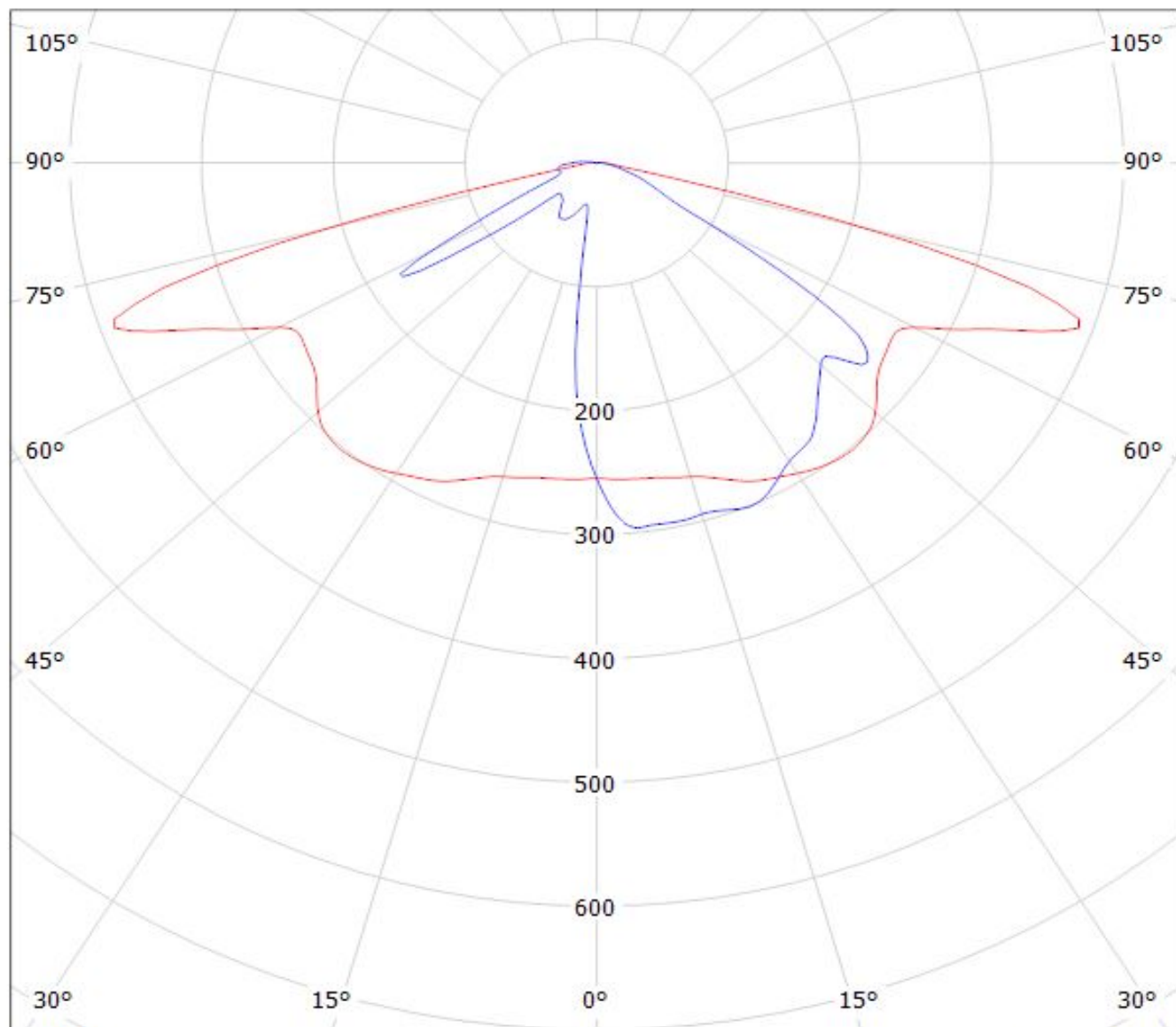


cd/klm

— C0 - C180 — C90 - C270

$\eta = 97\%$

Luminaire: LEDiL Oy C13301_STRADA-2X2-T3_(Luxeon_TX)
Lamps: 1 x Luxeon_TX_2x2_321.384lm@250mA_P=2.79488W_I=249.9mA



cd/klm

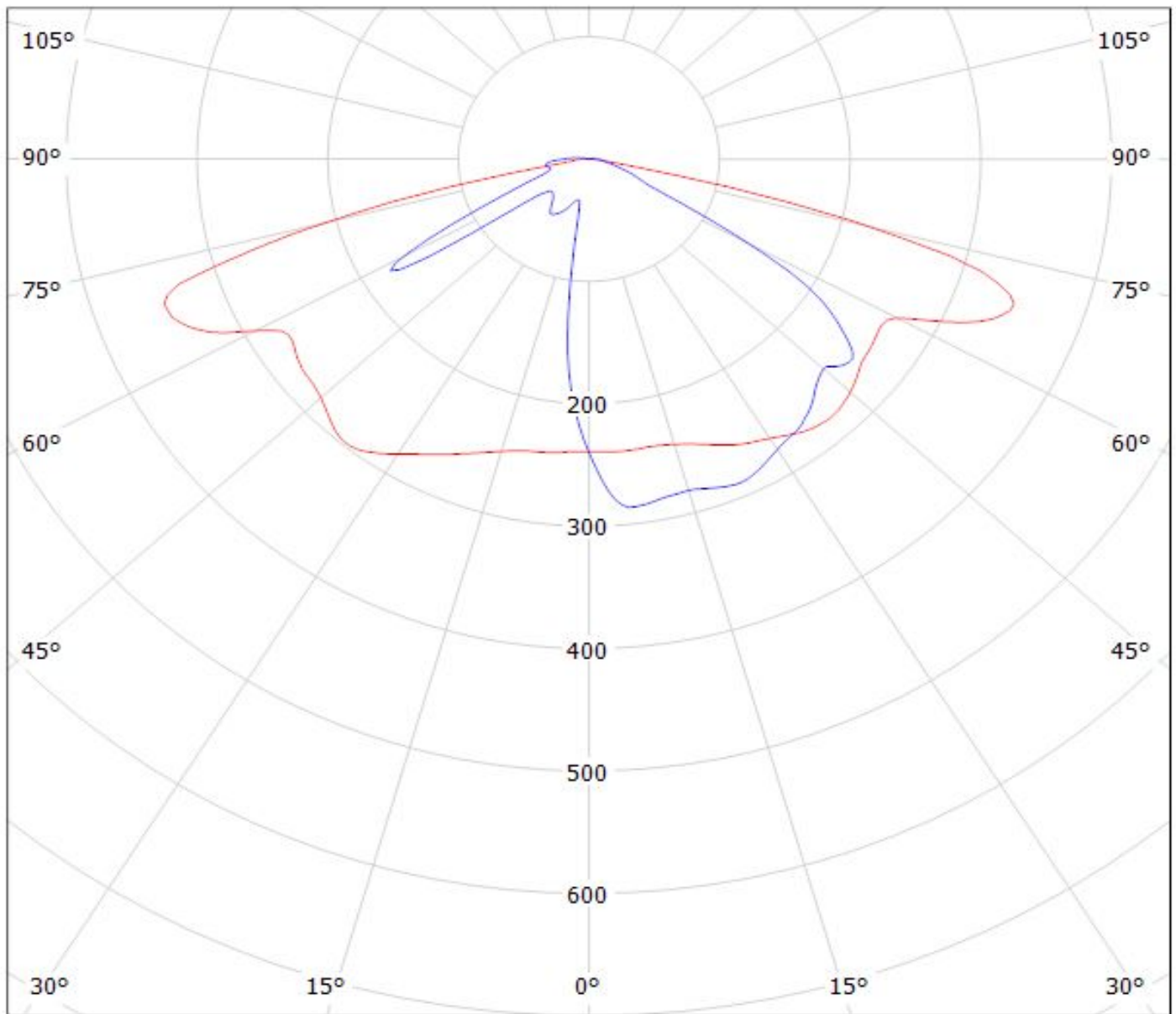
η = 94%

— C0 - C180

— C90 - C270

Luminaire: LEDiL Oy C13301_STRADA-2X2-T3_(LH351B)

Lamps: 1 x SAMSUNG_LH351B_2x2_442.67lm@250mA_P=2.84311W_I=249.9mA



cd/klm

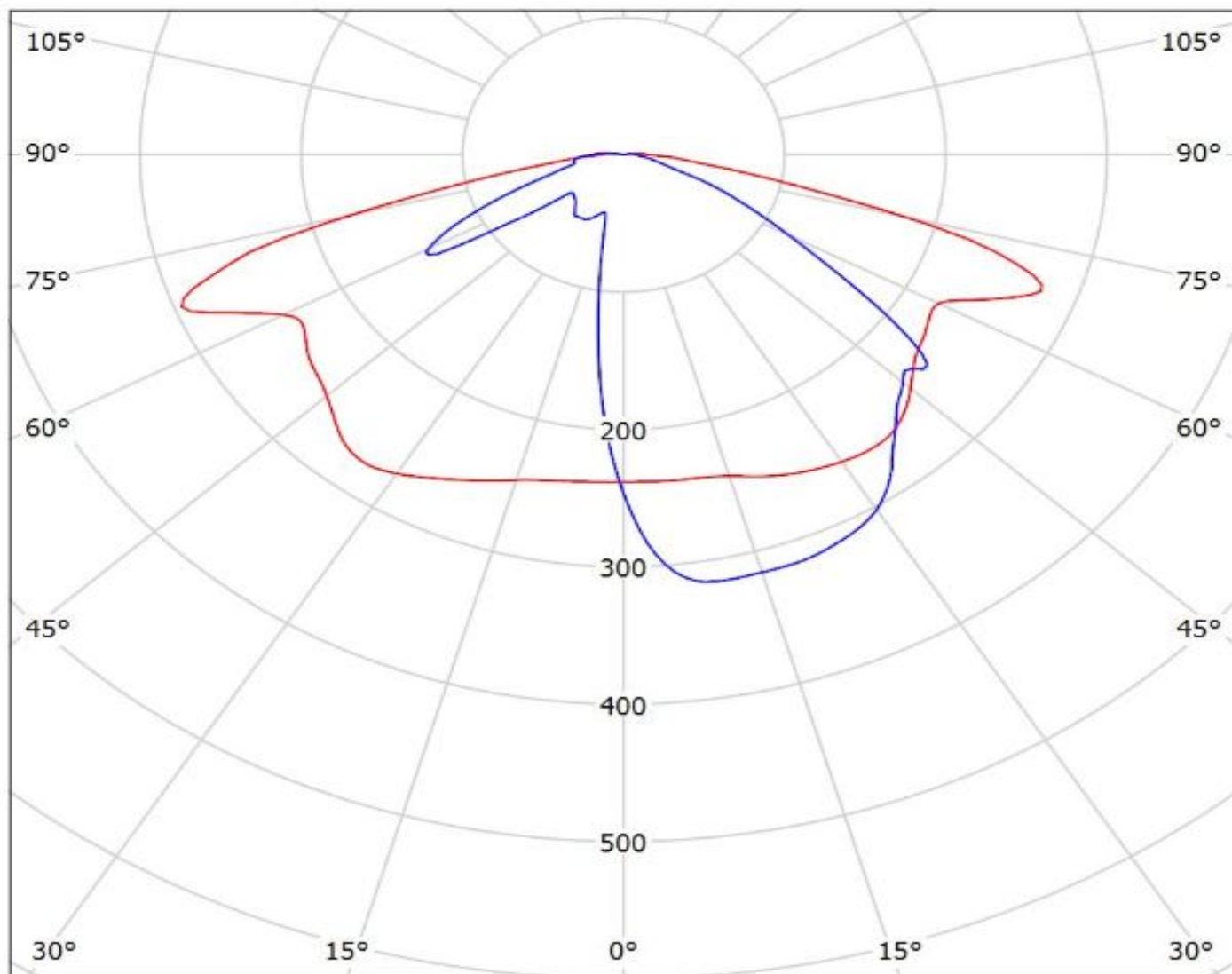
— C0 - C180 — C90 - C270

$\eta = 94\%$

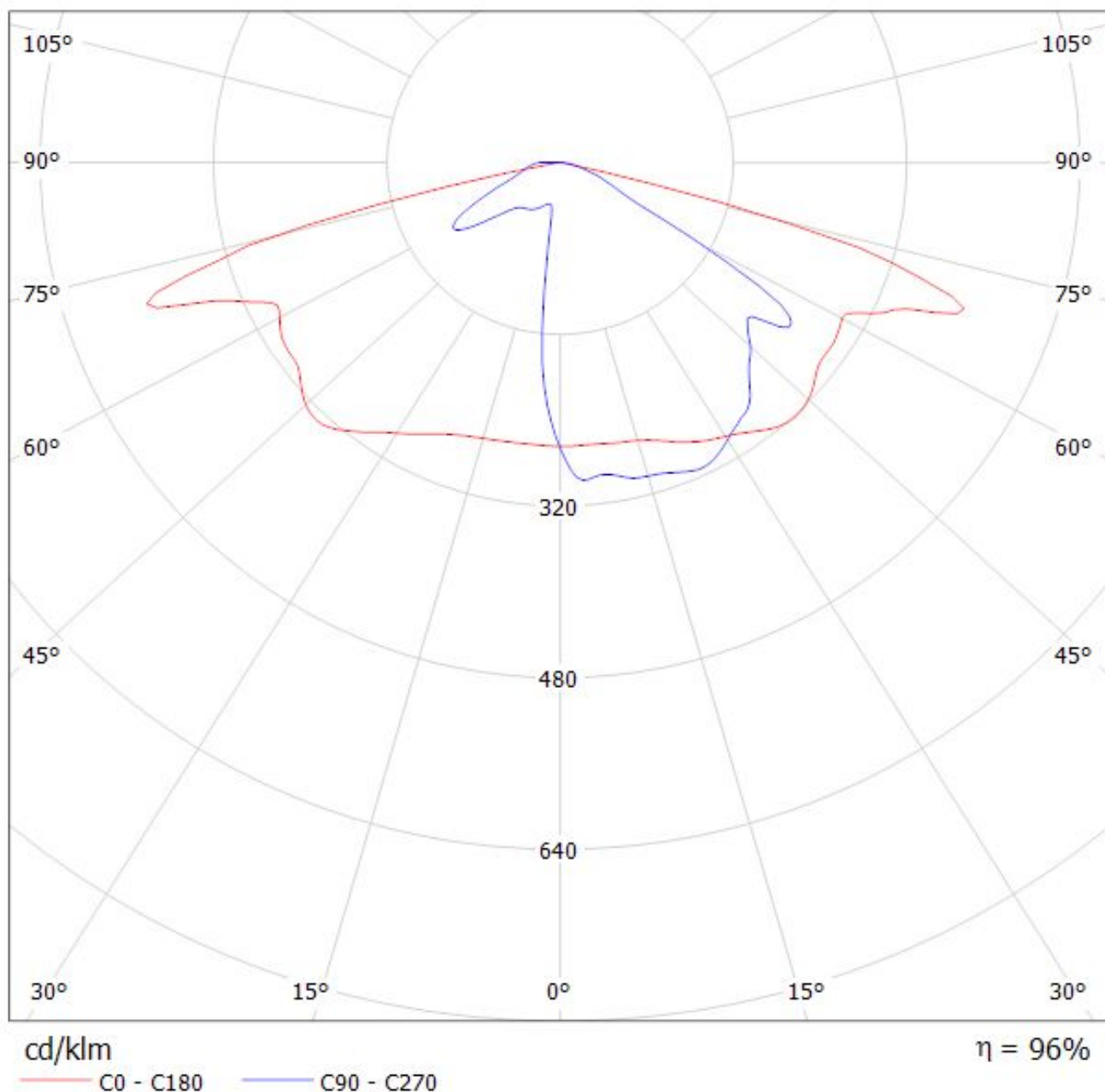
Ledil C13301_STRADA-2X2-T3_(TL1L3) / LDC (Polar)

Luminaire: Ledil C13301_STRADA-2X2-T3_(TL1L3)

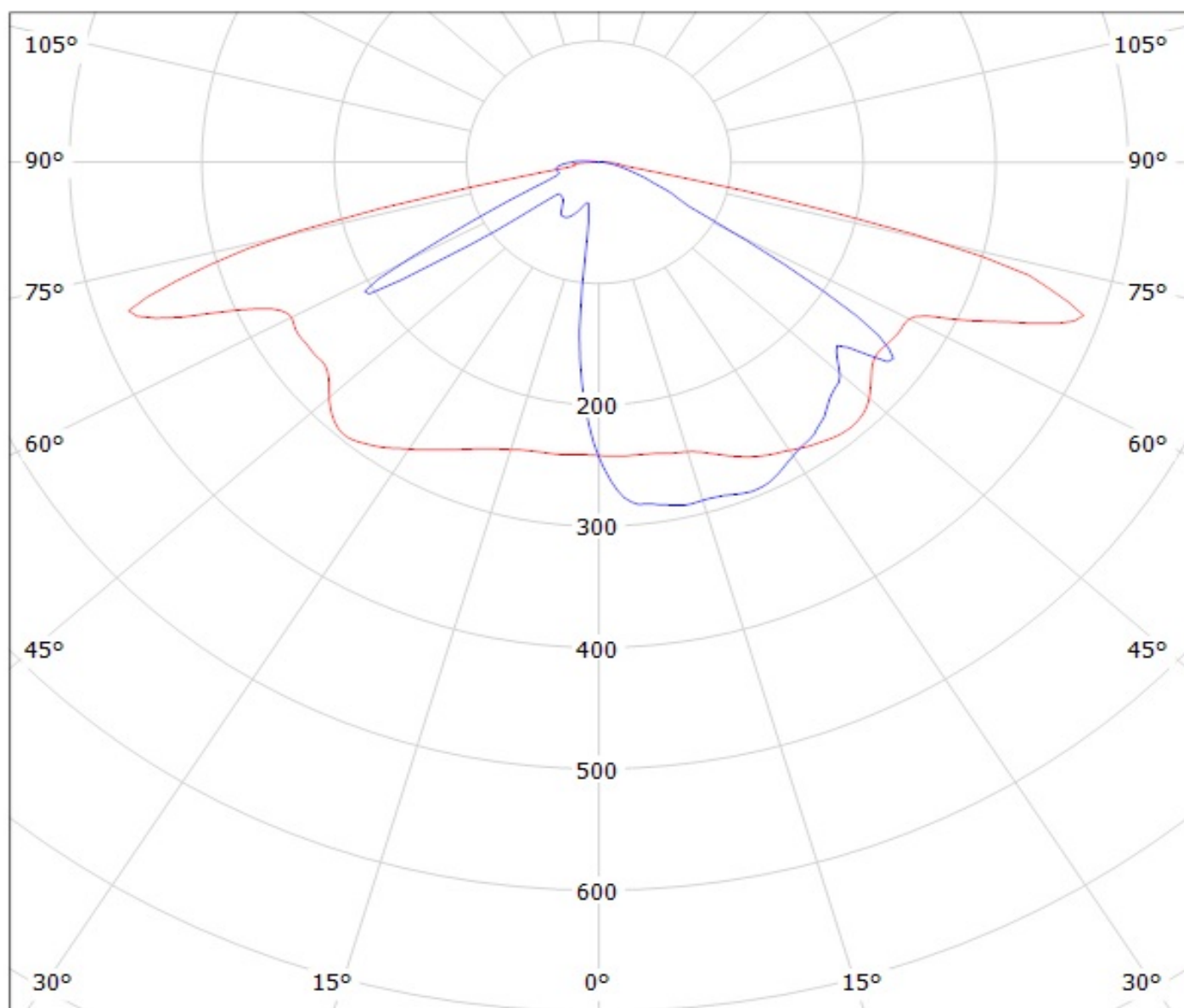
Lamps: 1 x Toshiba_TL1L3_2x2_(TL1L3-NW1.L)_387.773lm@250mA_CCT=5000K_P=2.829W_I=0.25A



Luminaire: LEDiL Oy C13301_STRADA-2X2-T3_(Fortimo_F-Flex_2x8_740DAG3)
Lamps: 1 x Philips_Fortimo_F-Flex_2x8_740DAG3_1786.86lm@250mA_P=11.6092W_η=0.2498A



Luminaire: LEDiL Oy C13301_STRADA-2X2-T3_(XP-L_HI)
Lamps: 1 x Cree_XP-L_HI_(2x2)_(XPLAWT-H-5A3-U60-013-0001)
_455.077lm@250mA_P=2.84011W_I=0,2499A

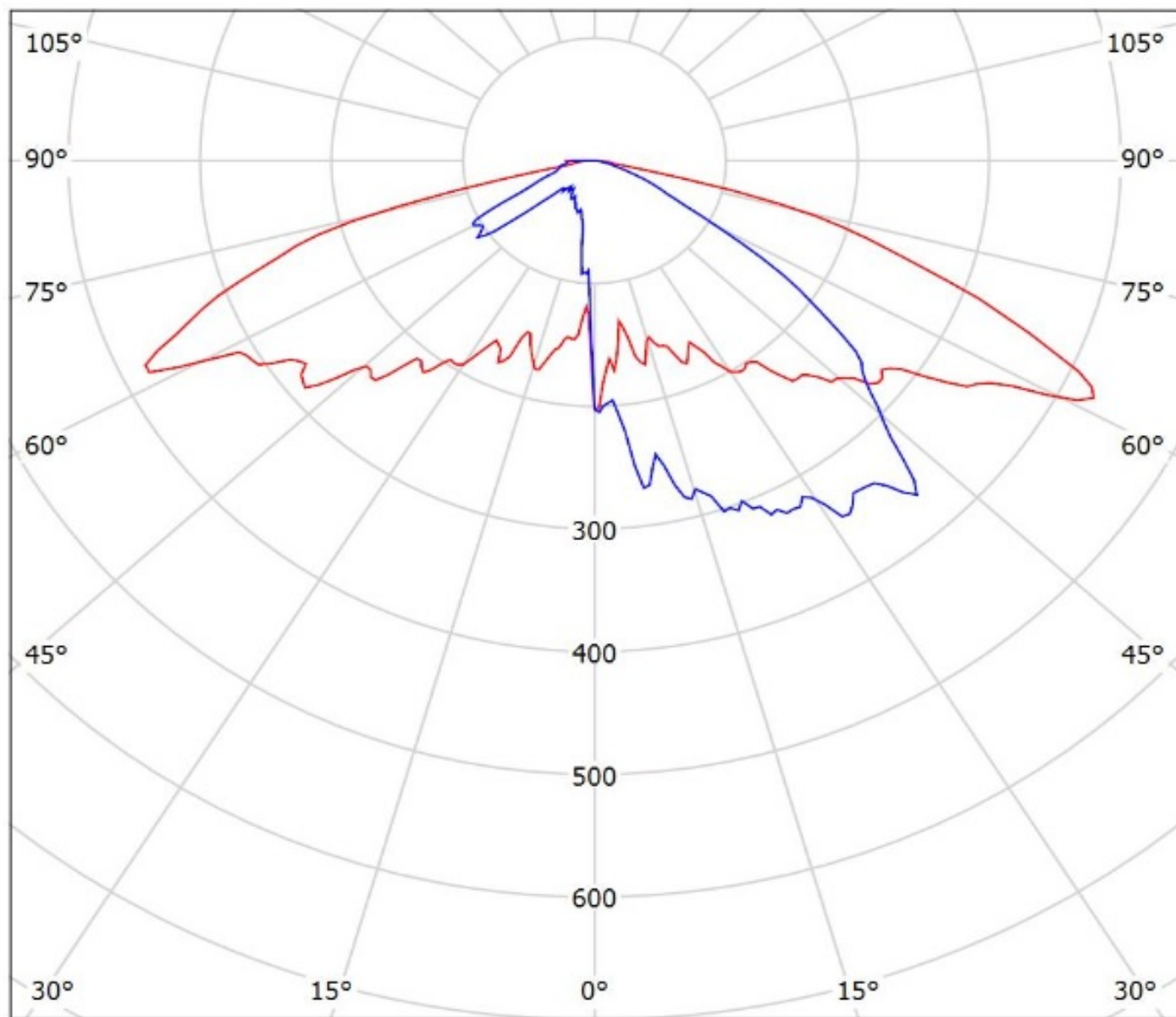


cd/klm

— C0 - C180 — C90 - C270

$\eta = 96\%$

Luminaire: Ledil Oy C13301STRADA-2X2-T3_(Duris_S8_Gen2)_SIMULATED
Lamps: 1 x OSRAM_DURIS S8 GEN2 5050 package



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.