PRODUCT DATASHEET
Strada series
last update 12/5/2017

DETAILS



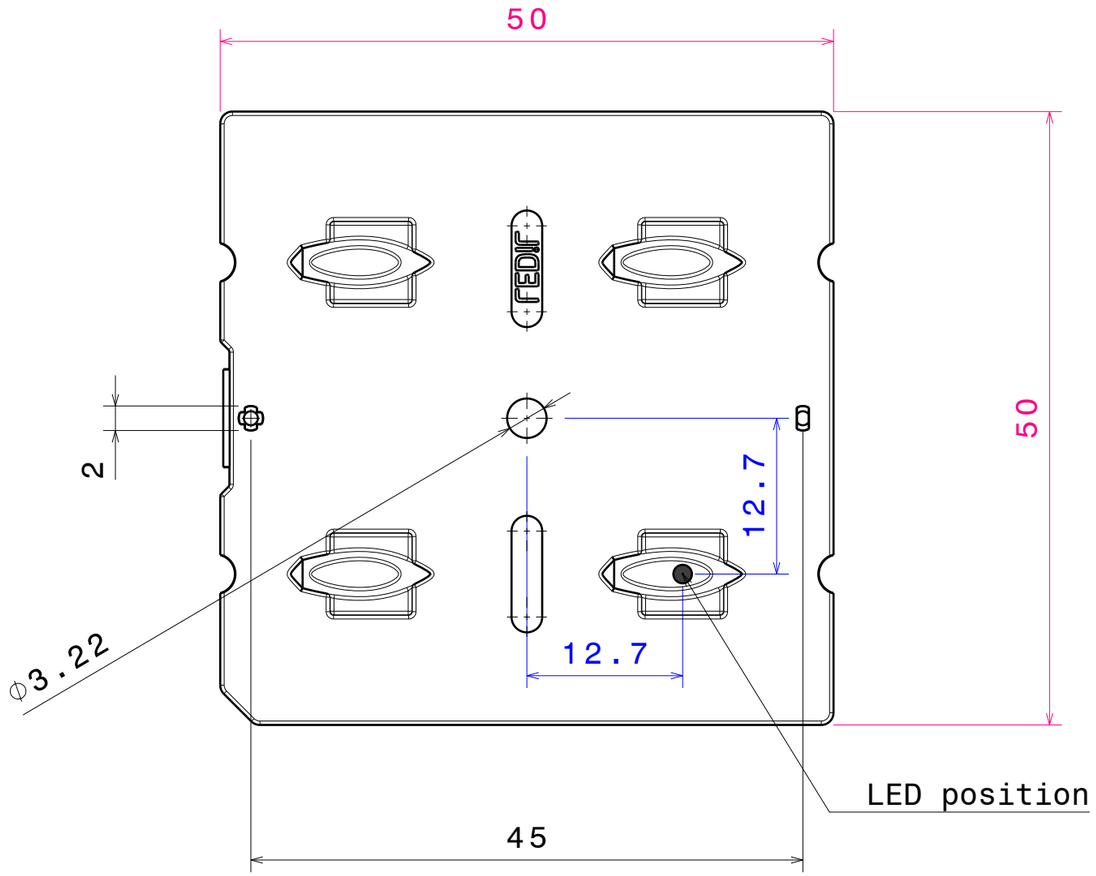
Product Number	C13858_STRADA-2X2-XW
Family	Strada
Type	Lens
Color	clear
Diameter	50x50 mm
Height	7,1 mm
Style	rectang
Optic Material	PMMA
Holder Material	
Fastening	glue, pin, screw
Status	production ready
ROHS Comliant	Yes
Date Updated	12/05/2017

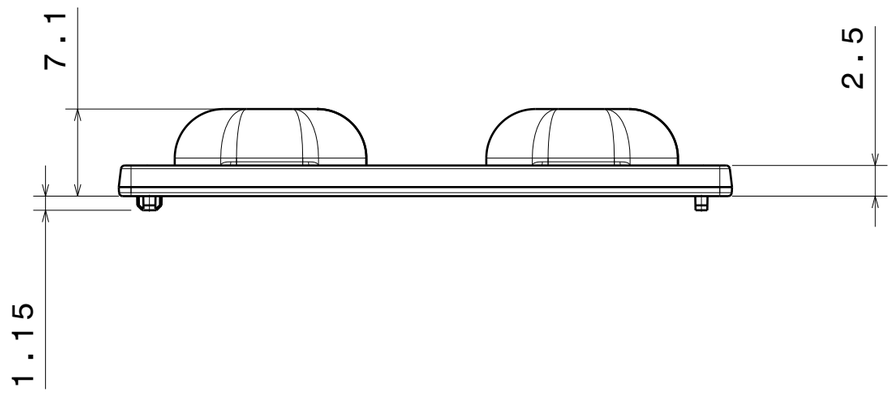
OPTICAL PROPERTIES

LED	Viewing Angle	Light Beam	Effi-ciency	cd/lm	Connector
XB-H	Asymmetric deg	Wide-Area...	94 %	0.870	-
XP-E	Asymmetric deg	Wide-Area...	94 %	1.110	-
XP-E2	Asymmetric deg	Wide-Area...	94 %	1.120	-
XP-G	Asymmetric deg	Wide-Area...	93 %	0.900	-
XT-E	Asymmetric deg	Wide-Area...	93 %	0.850	-
XP-G3	Asymmetric deg	Wide-Area...	94 %	0.790	-
H35C0 (LEMWA33)	sim: Asymmetric	Wide-Area...	sim: 92 %	sim: 0.800	-
LUXEON TX	Asymmetric deg	Wide-Area...	94 %	1.000	-
LUXEON T	Asymmetric deg	Wide-Area...	94 %	0.930	-
LUXEON MZ	Asymmetric deg	Wide-Area...	94 %	0.740	-
LUXEON 5050	Asymmetric deg	Wide-Area...	94 %	0.500	-
NVSxx19B/NVSxx19C	Asymmetric deg	Wide-Area...	93 %	0.800	-
NVSxE21A	asym deg	Wide-Area...	94 %	1.100	-
NVSW3x9A	Asymmetric deg	Wide-Area...	94 %	0.720	-
Oslon Square PC	Asymmetric deg	Wide-Area...	94 %	0.870	-
Oslon Square Gen3	sim: Asymmetric	Wide-Area...	sim: 86 %	sim: 0.850	-
Duris S8	sim: Asymmetric	Wide-Area...	sim: 87 %	sim: 0.520	-
LH351B	Asymmetric deg	Wide-Area...	94 %	0.830	-
Z5M1/Z5M2	asymmetric deg	Wide-Area...	94 %	1.000	-
TL1L4	Asymmetric deg	Wide-Area...	90 %	0.880	-
RLE G1 49x223mm 4000lm xxx EXC OTP	Asymmetric deg	Wide-Area...	94 %	0.860	-
RLE G1 49x245mm 4000lm xxx EXC OTP	Asymmetric deg	Wide-Area...	94 %	0.860	-
RLE G1 49x121mm 2000lm xxx EXC OTP	Asymmetric deg	Wide-Area...	94 %	0.860	-
RLE G1 49x133mm 2000lm xxx EXC OTP	Asymmetric deg	Wide-Area...	94 %	0.860	-

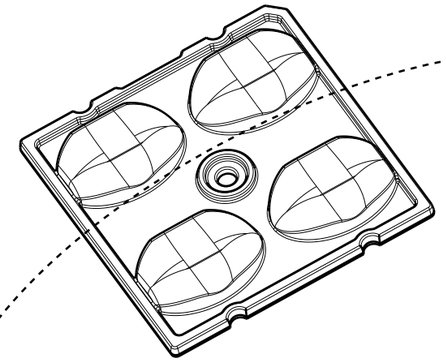
Ledil Oy
Salorankatu 10
24240 SALO, Finland

http://www.ledil.com
email: ledil@ledil.com
FAX: +358-2-733 8001

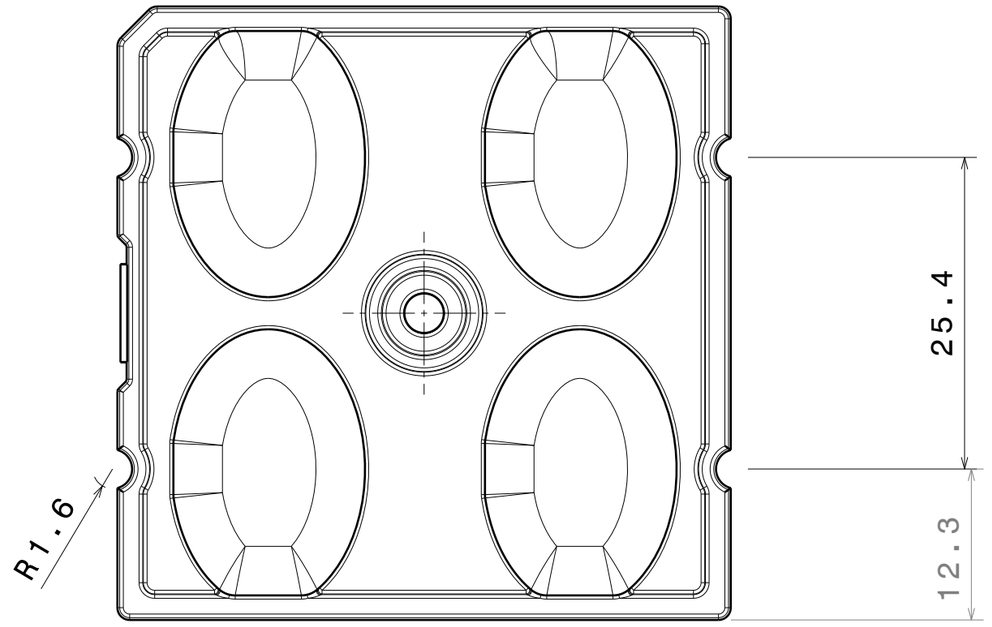




Isometric view



Beam direction



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

THIRD ANGLE PROJECTION:

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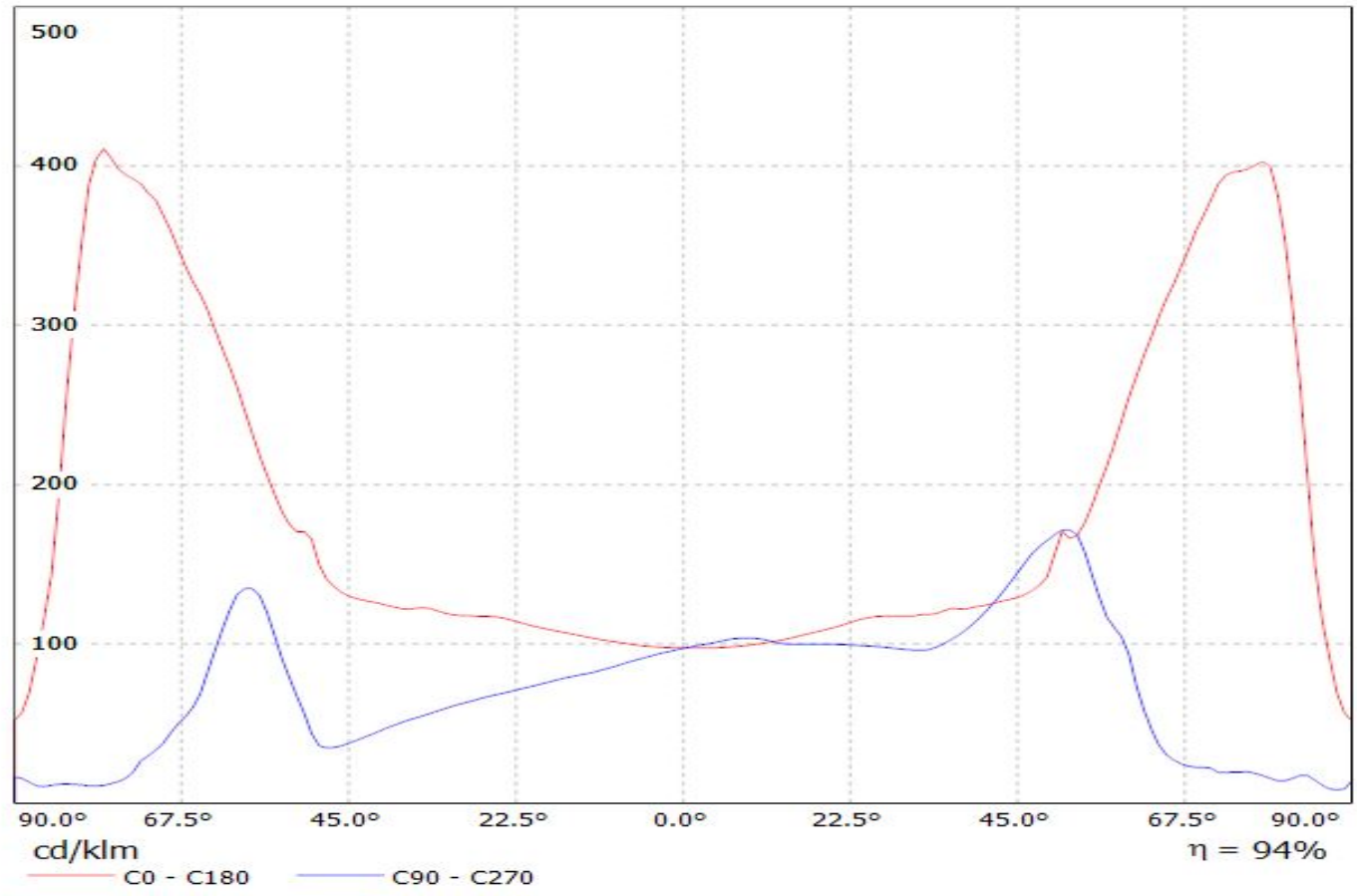
Ledil Oy
Salorankatu 10
FIN 24240 SALO
Finland

DRAWING TITLE
Datasheet STRADA_2X2_XW

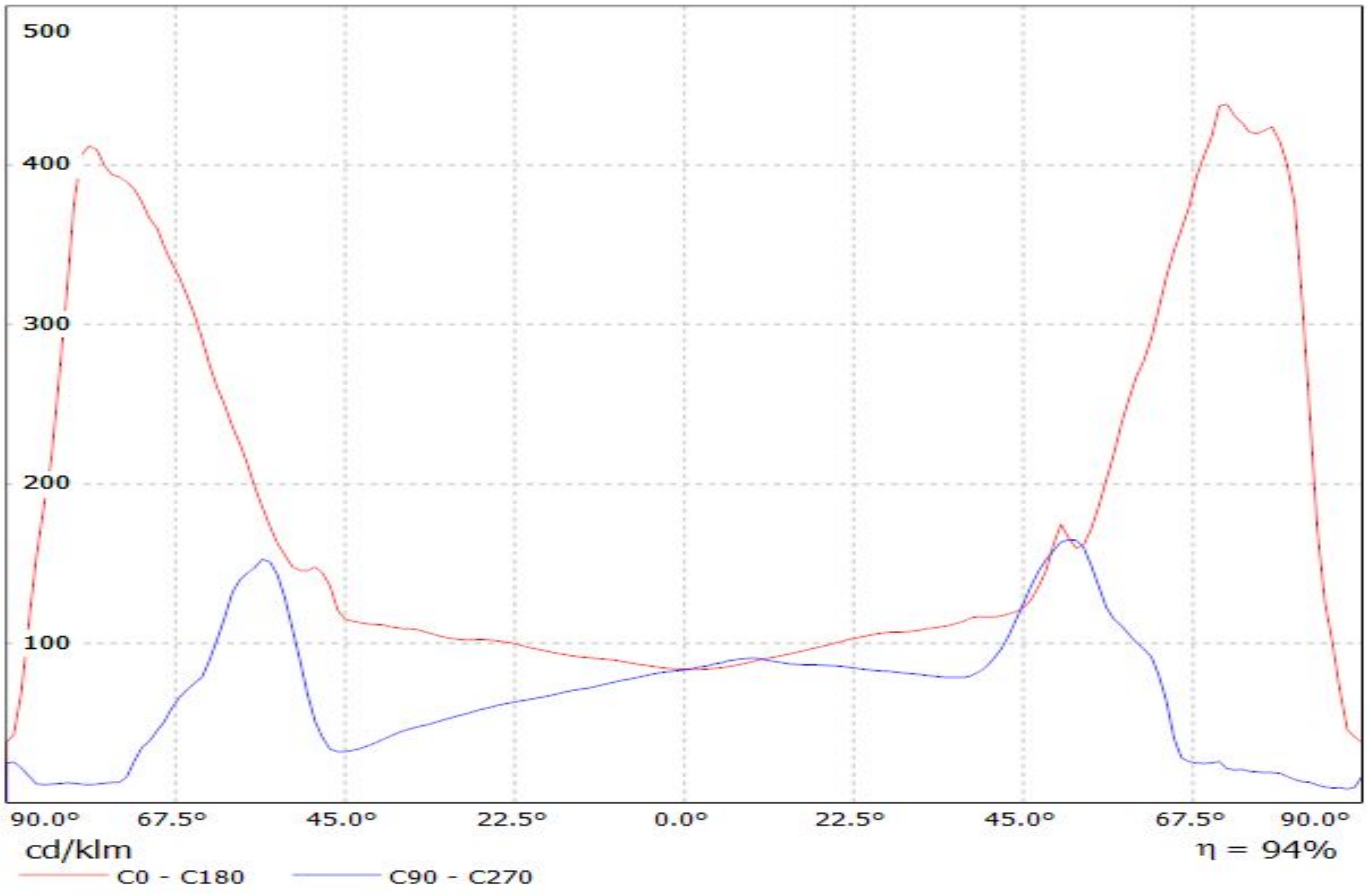
SIZE	PART NUMBER
A3	-

SCALE	WEIGHT		SHEET
2:1	(g)		1/1

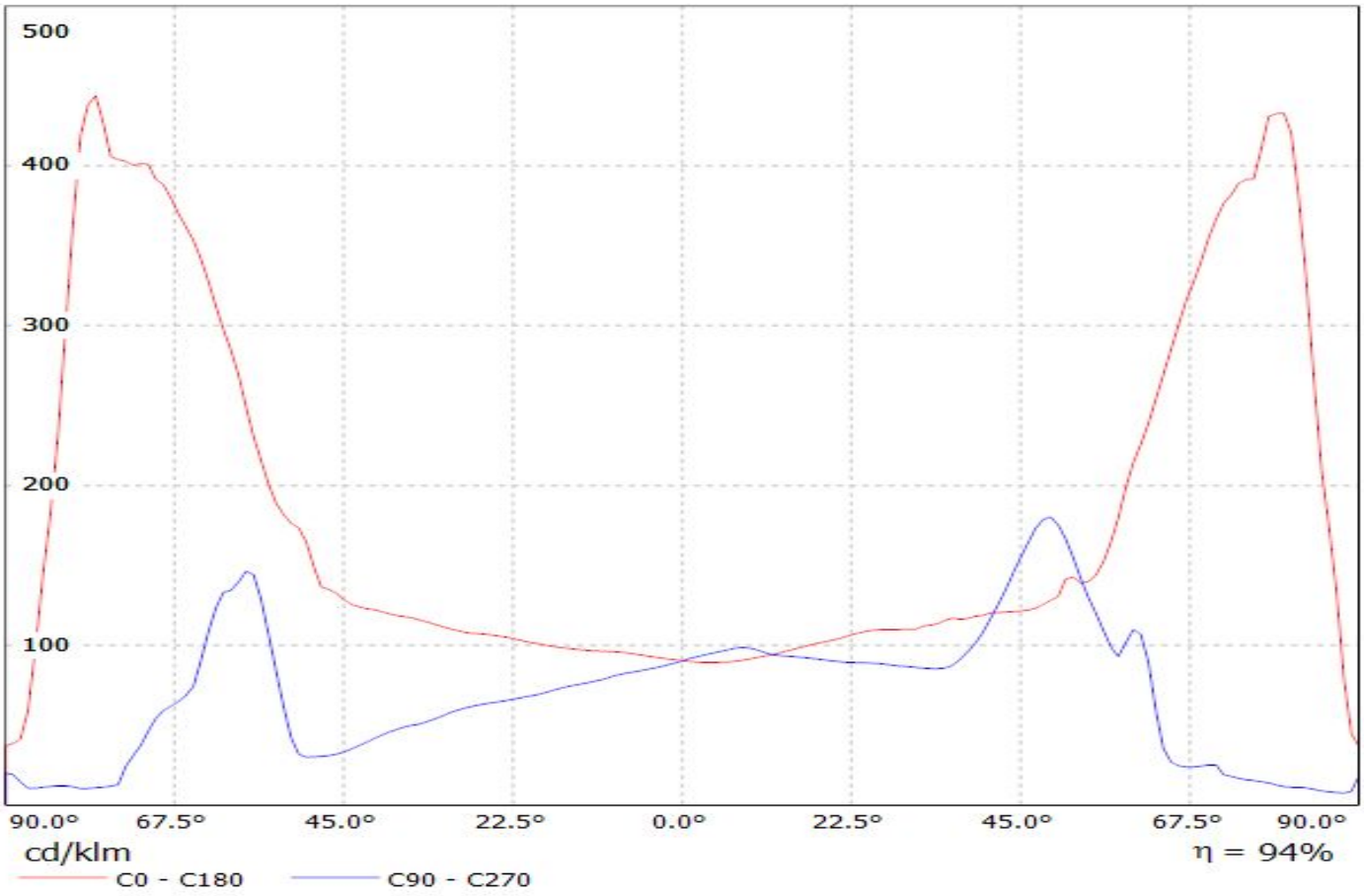
Luminaire: Ledil C13858_STRADA_2x2_XW_(XB-H)
Lamps: 1 x XB-H_502.676lm@250mA_P=7.85261W_I=0.2499A



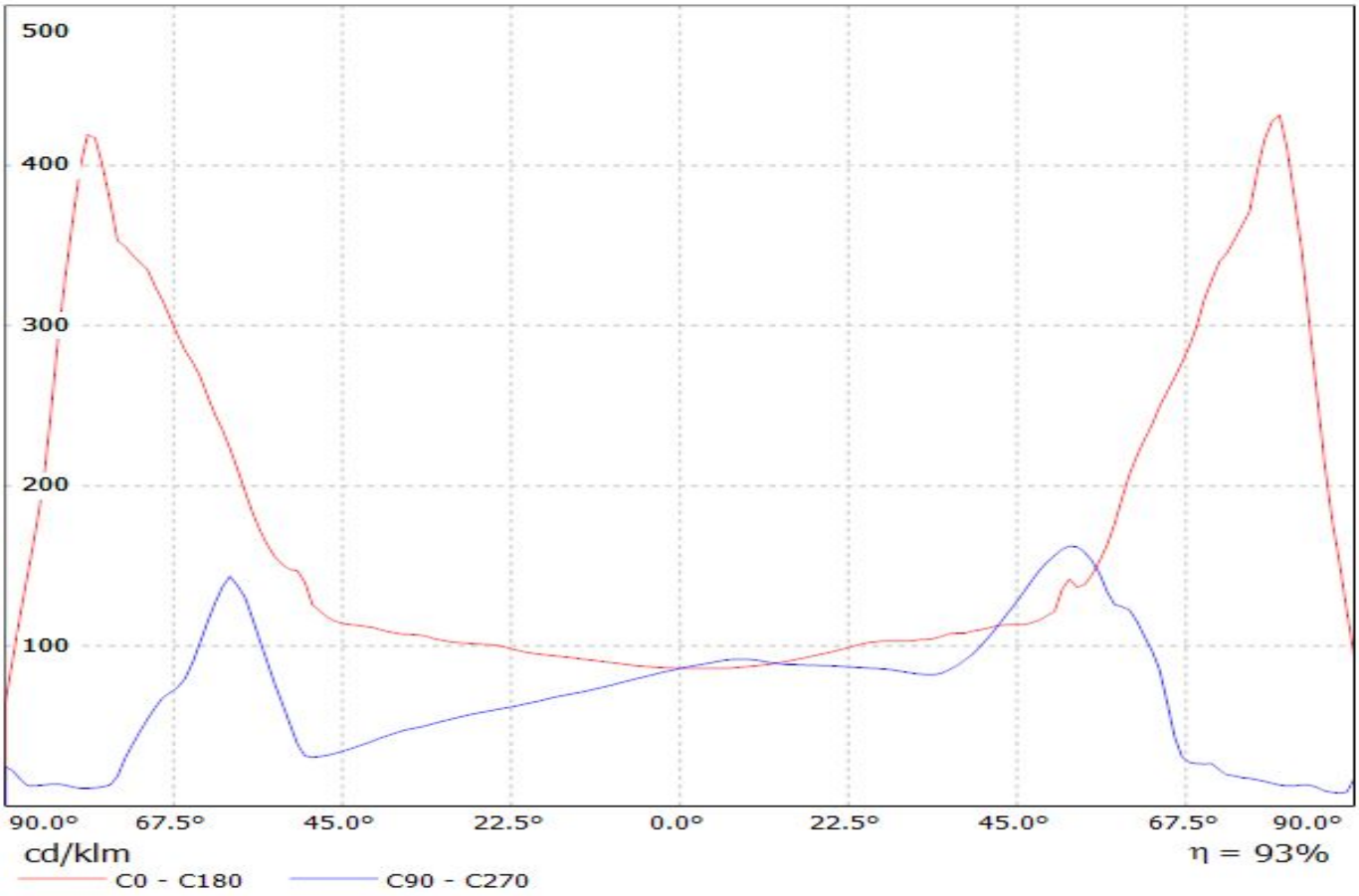
Luminaire: Ledil C13858_STRADA_2x2_XW_(XP-E)
Lamps: 1 x XP-E_337.15lm@250mA_P=8W_I=0.2499A



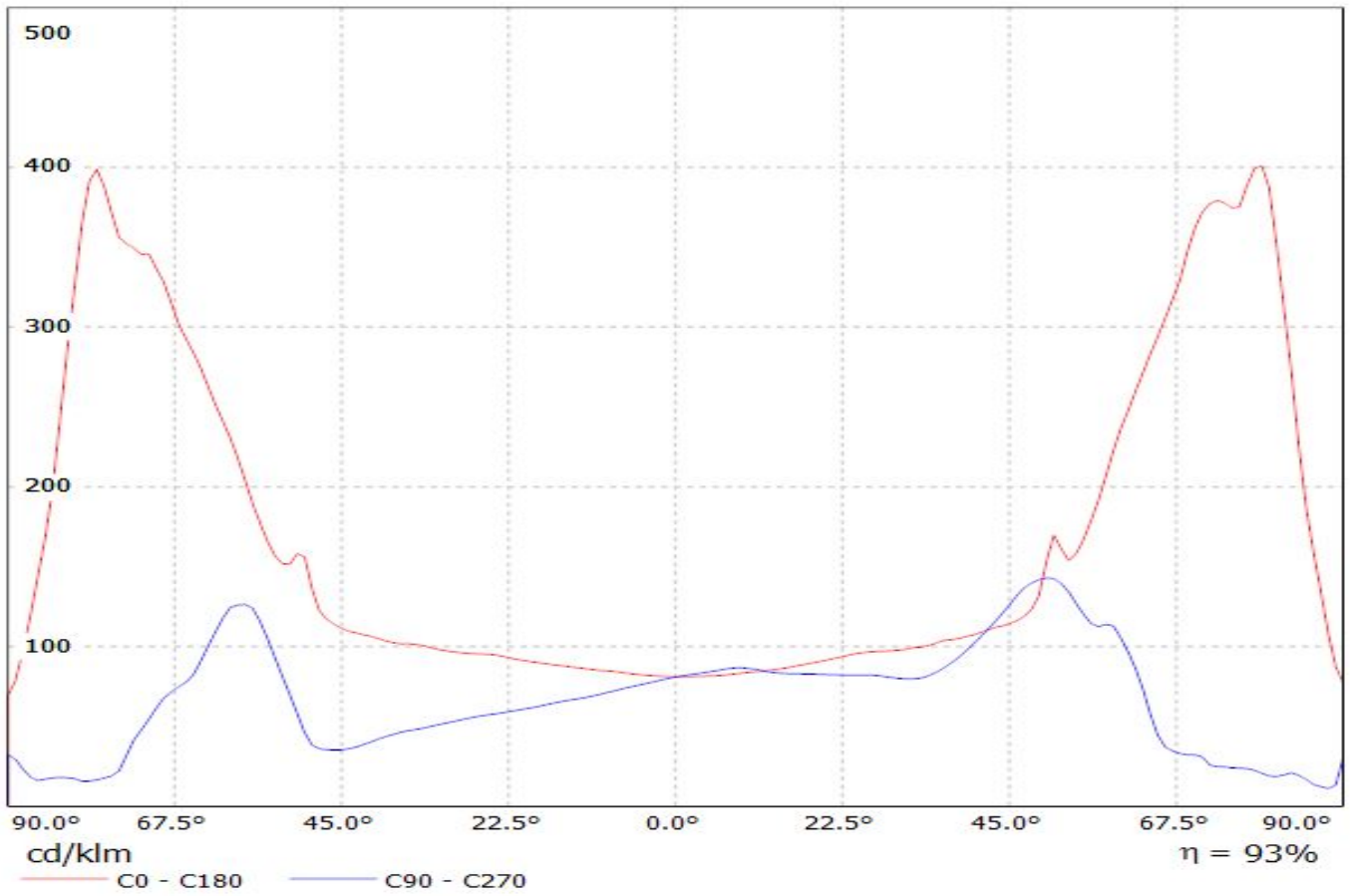
Luminaire: Ledil C13858_STRADA_2x2_XW_(XP-E2)
Lamps: 1 x XP-E2_2X2_374.713lm@250mA_P=7.85261W_I=0.2499A



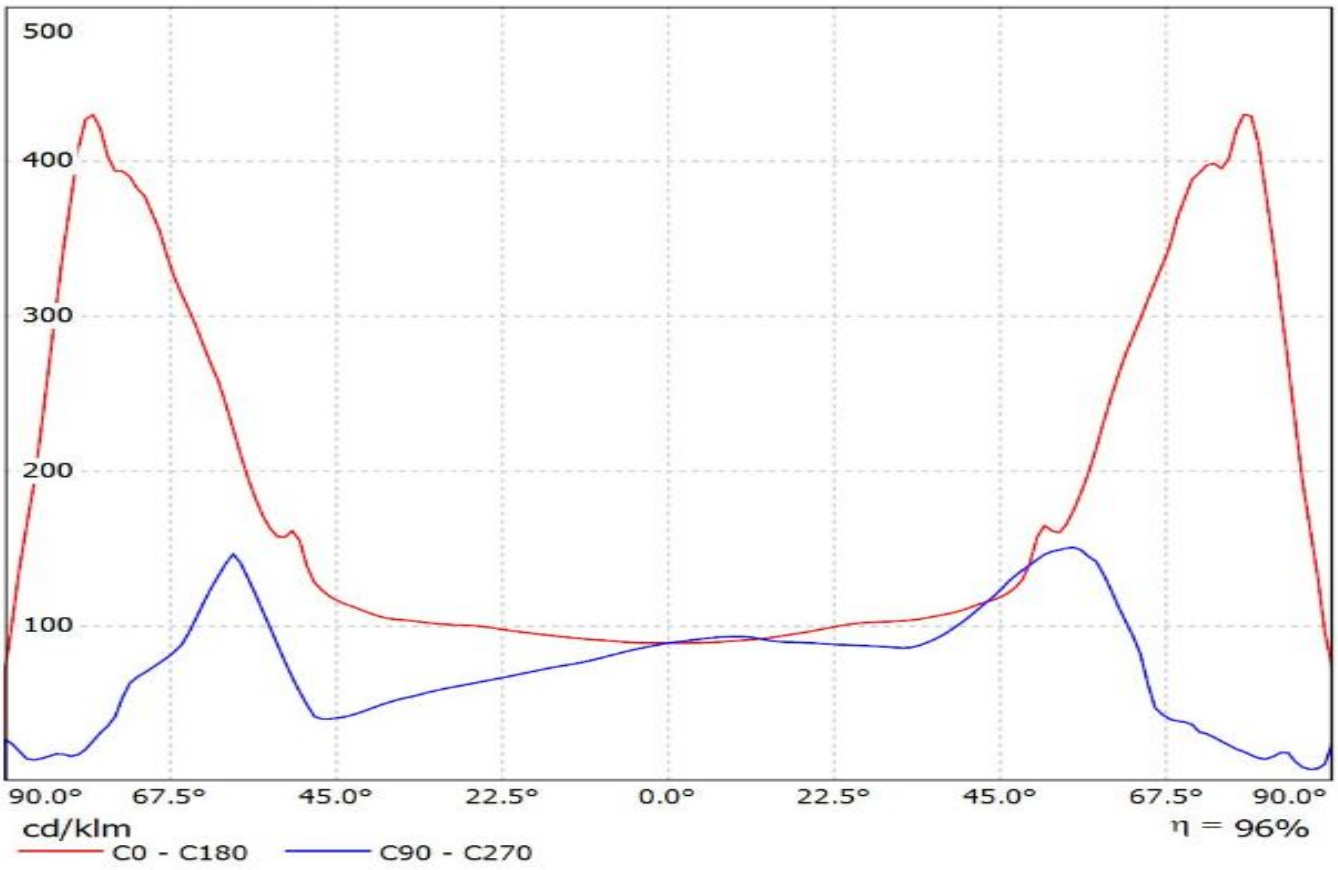
Luminaire: Ledil C13858_STRADA_2x2_XW_(XP-G)
Lamps: 1 x XP-G_287.028lm@250mA_P=2.9W_I=0.2499A



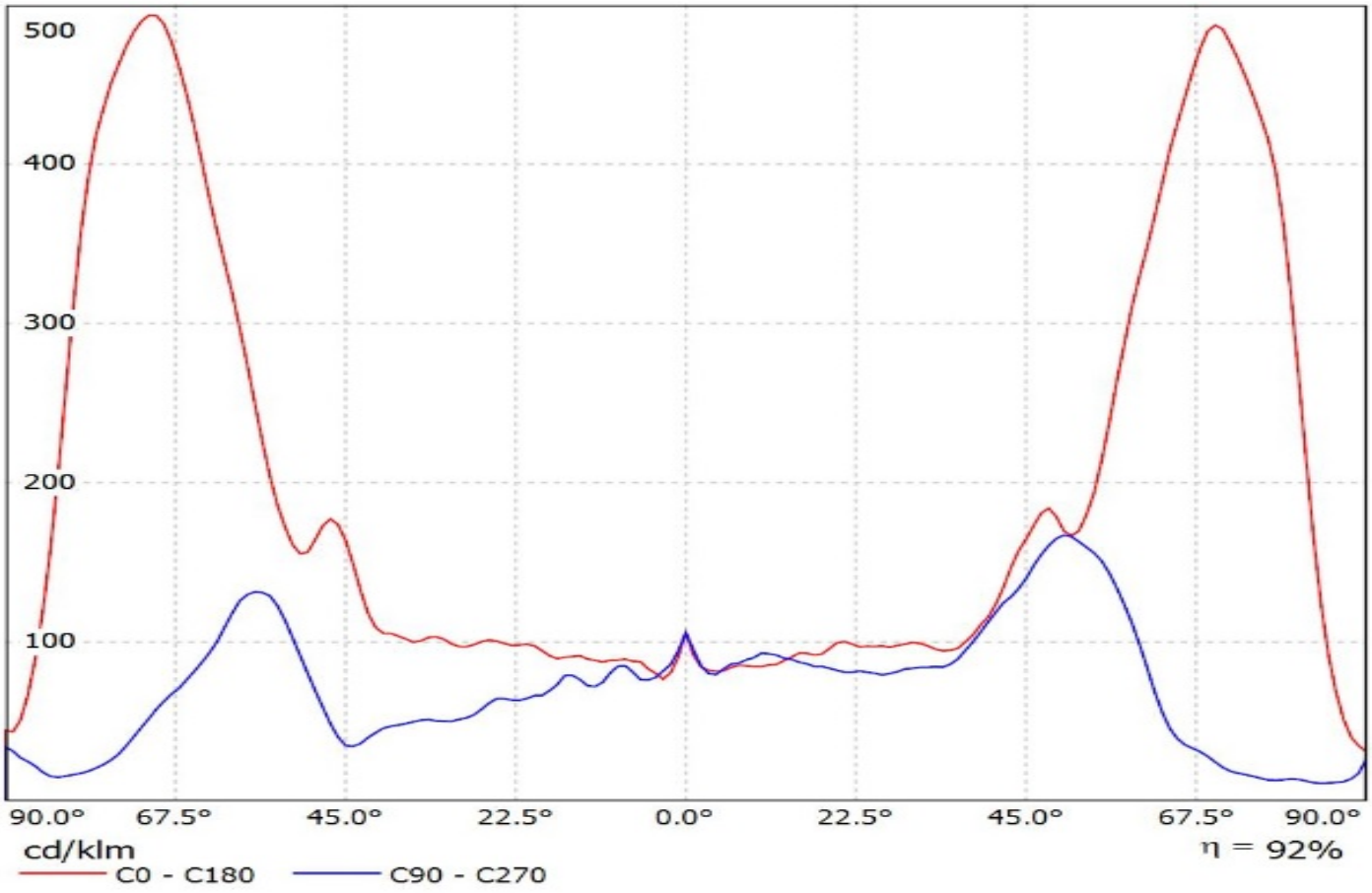
Luminaire: Ledil C13858_STRADA_2x2_XW_(XT-E)
Lamps: 1 x XT-E_429.235lm@250mA_P=8W_I=0.2499A



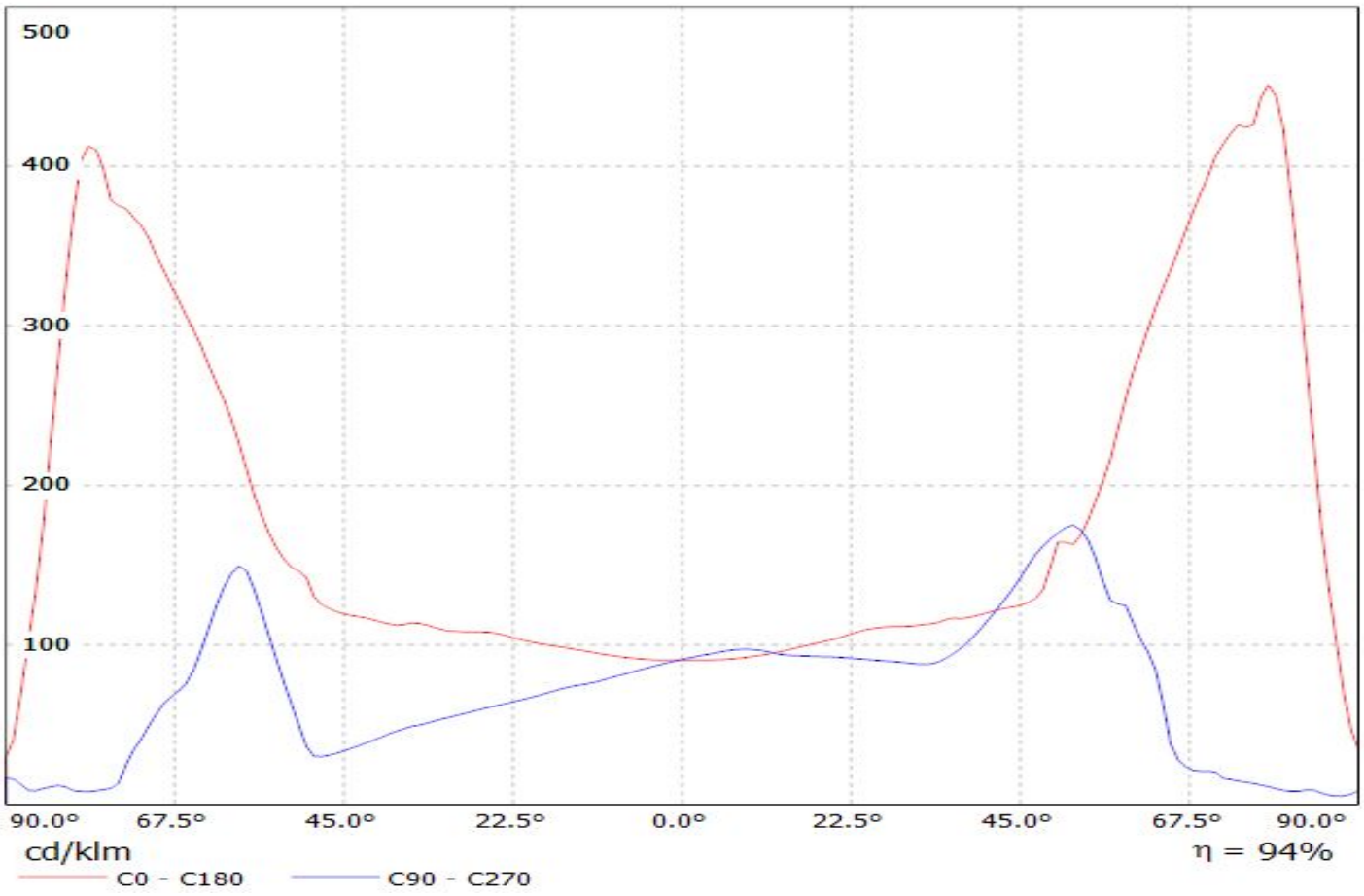
Luminaire: Ledil C13858_STRADA-2X2-XW_(XP-G3)
Lamps: 1 x Cree_XP-G3_2x2_(XPGDWT-B1-3C0-S4-0-01)_514.511lm@250mA_P=2.7985W_I=0.25A



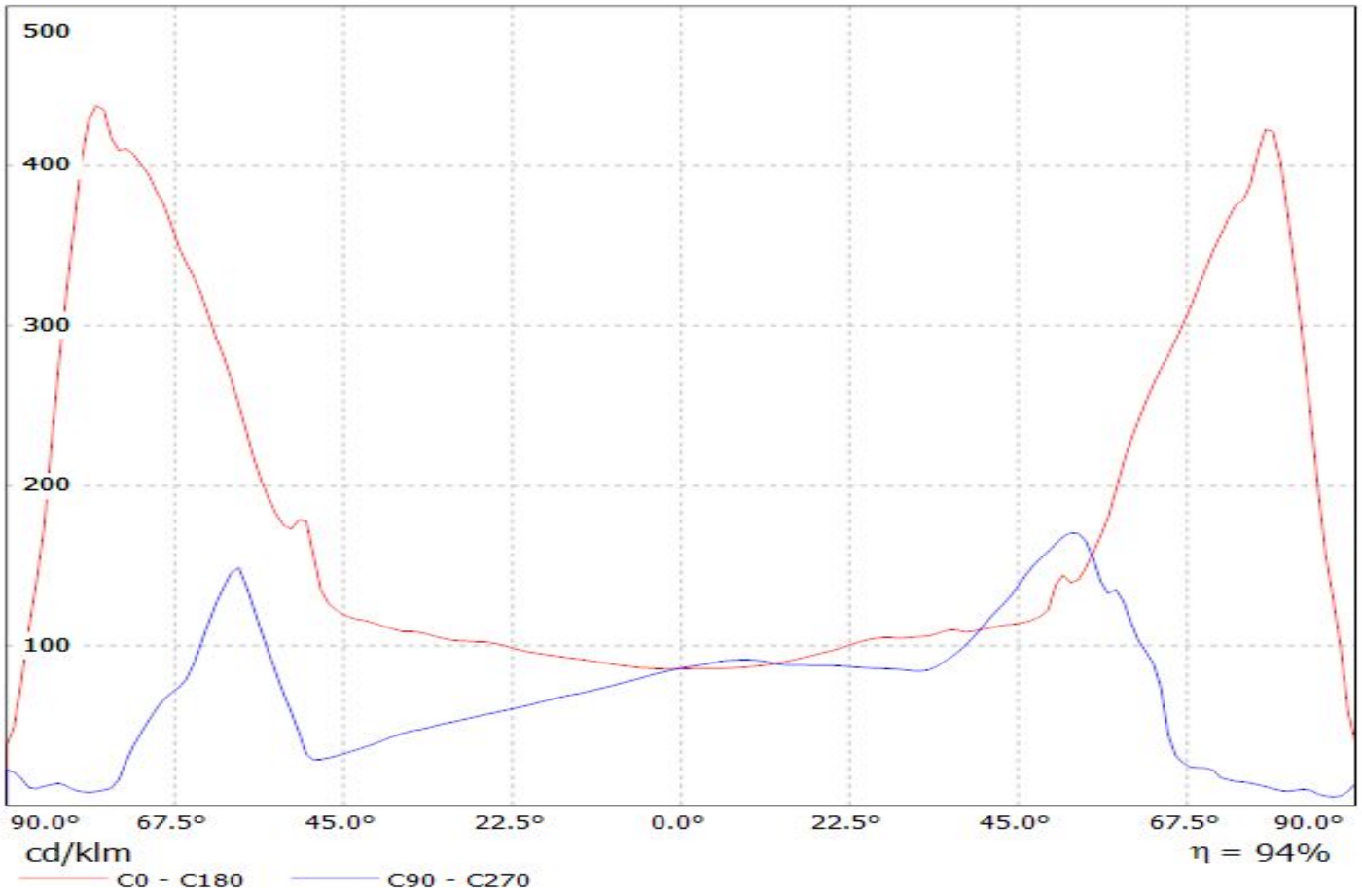
Luminaire: Ledil Oy C13858_STRADA-2X2-XW_(H35C0)_SIMULATED
Lamps: 1 x LG H35C0 (LEMWA33)



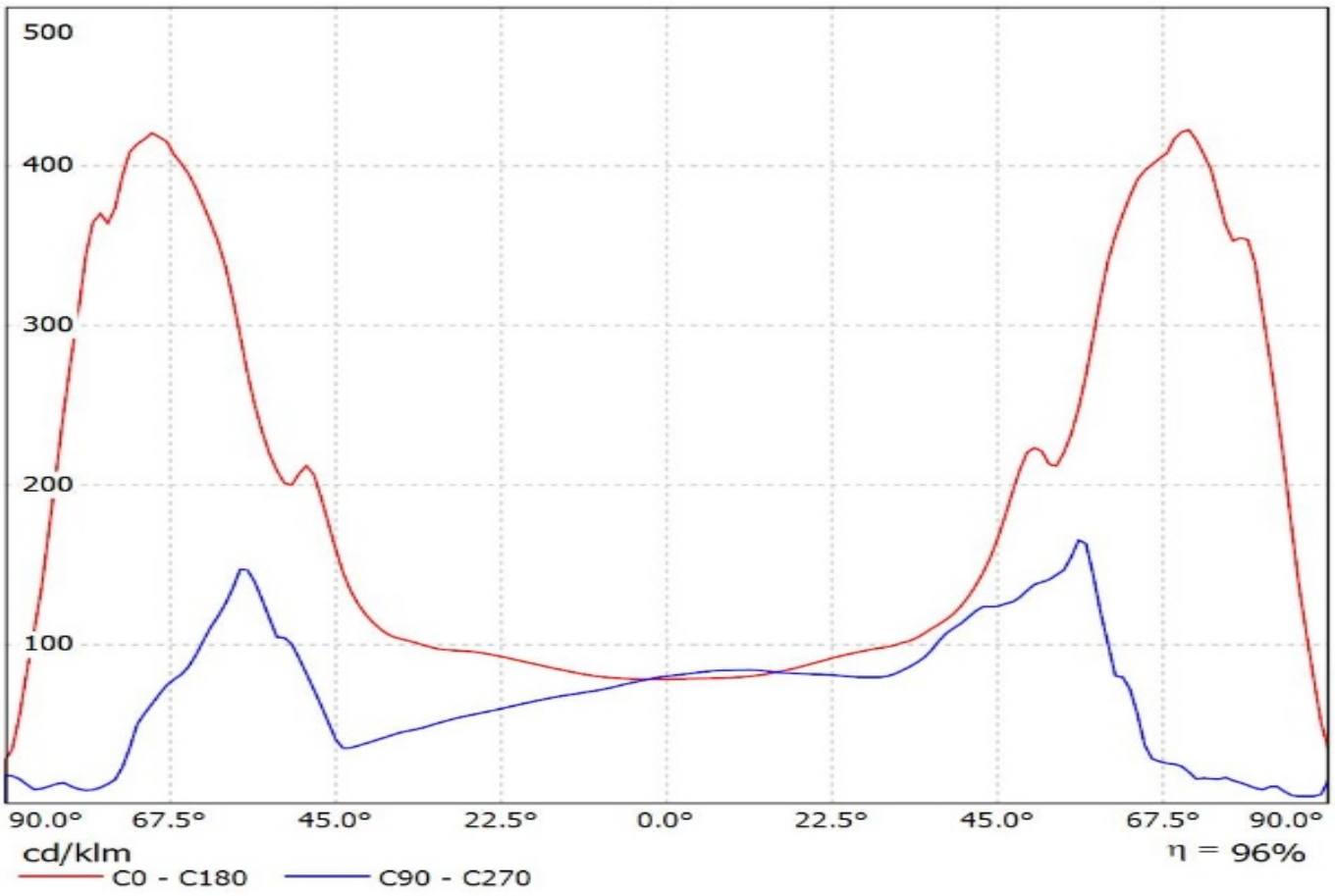
Luminaire: LEDiL Oy C13858_STRADA-2X2-XW_(Luxeon_TX) Eff.94.0%
Lamps: 1 x Luxeon_TX_2x2_326.55lm@250mA_P=2.79263W_I=249.9mA



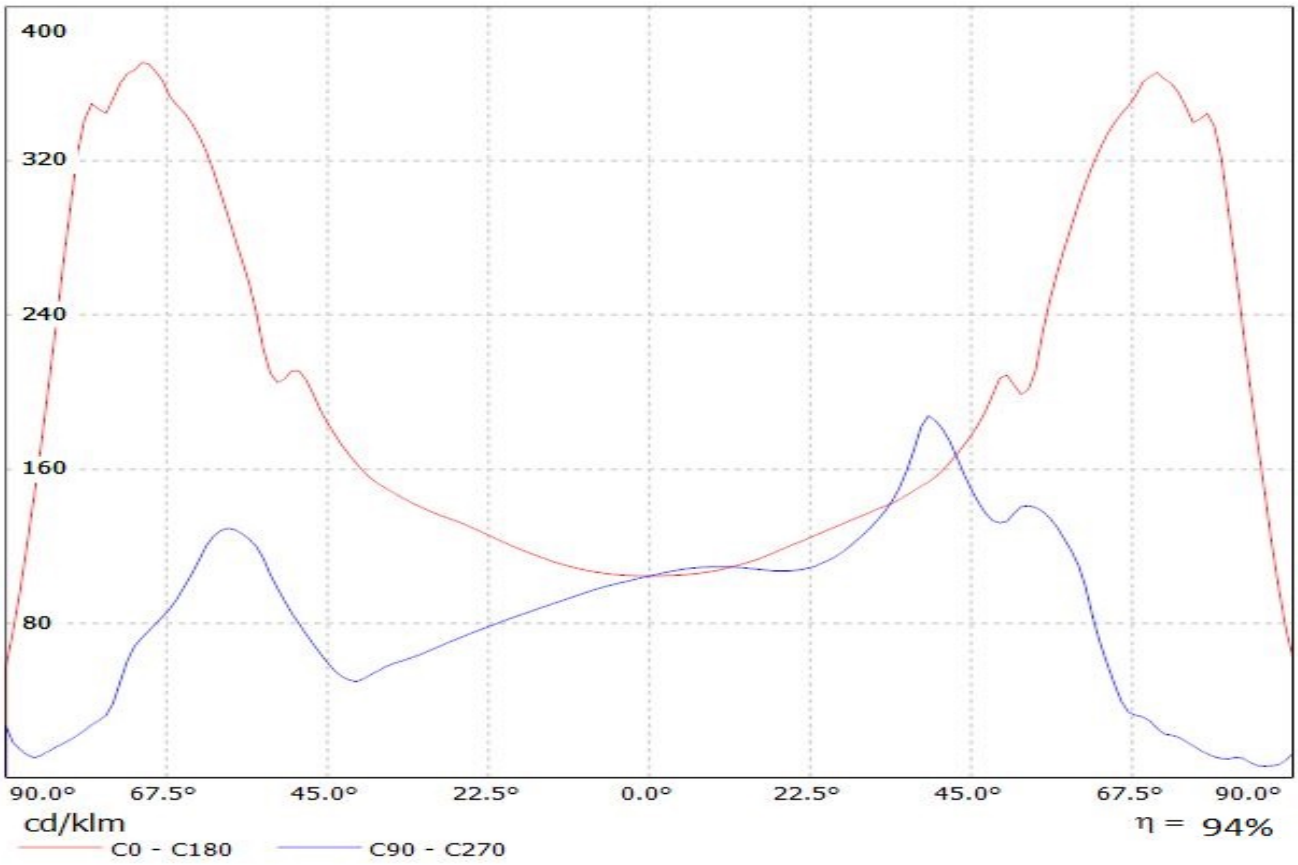
Luminaire: LEDiL Oy C13858_STRADA-2X2-XW_(Luxeon_T) Eff.94.0%
Lamps: 1 x Luxeon_T_2x2_(LXH8-FW30-3)_291.9lm@250mA_P=2.80338W_CCT=3173K_I=249.9mA



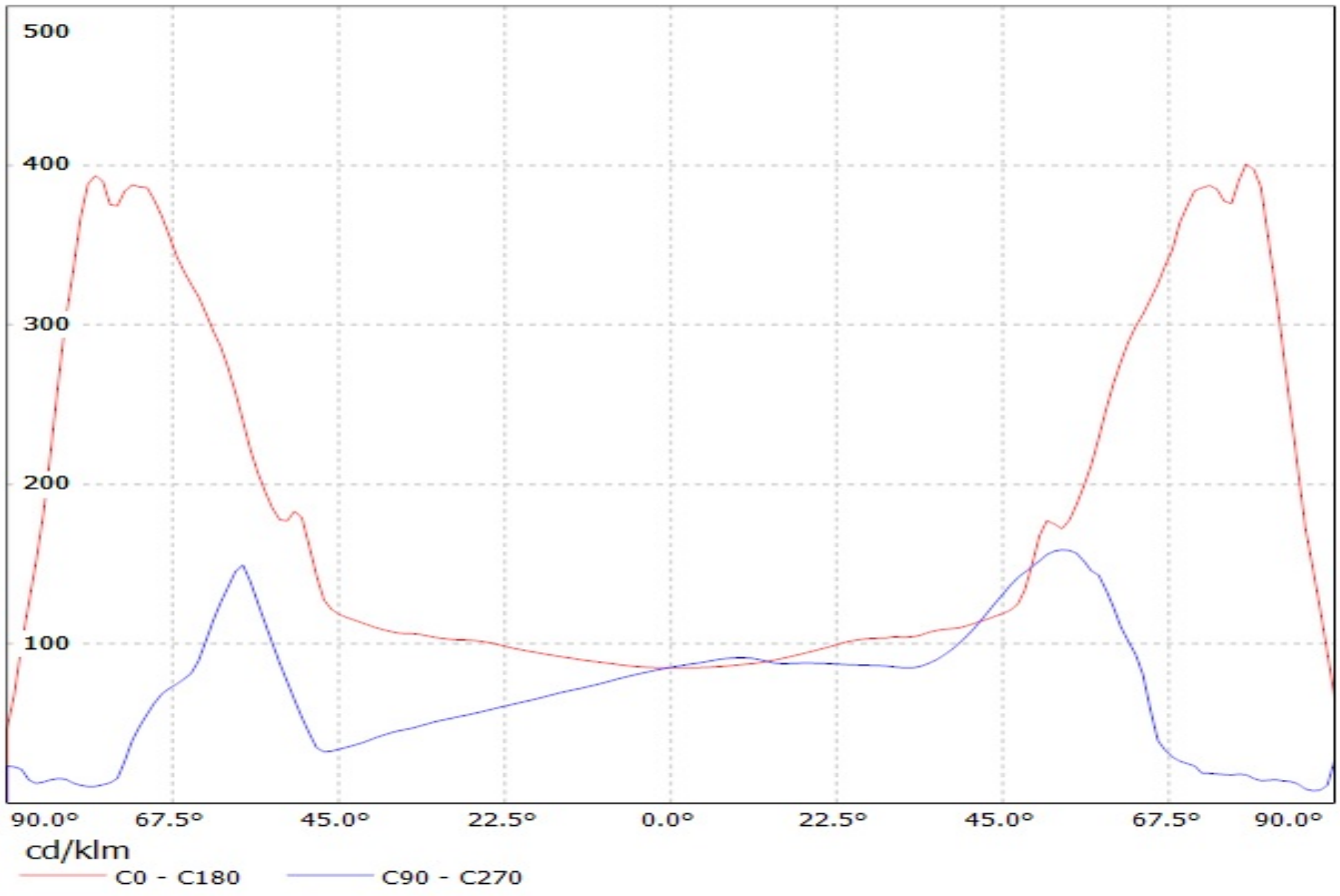
Luminaire: Ledil C13858_STRADA-2X2-XW_(Luxeon_MZ)
Lamps: 1 x Philips_Lumileds_Luxeon_MZ_(LMZ7-QW57)_(2x2)_427.268lm@250mA_P=2.734W_I=0.2500A



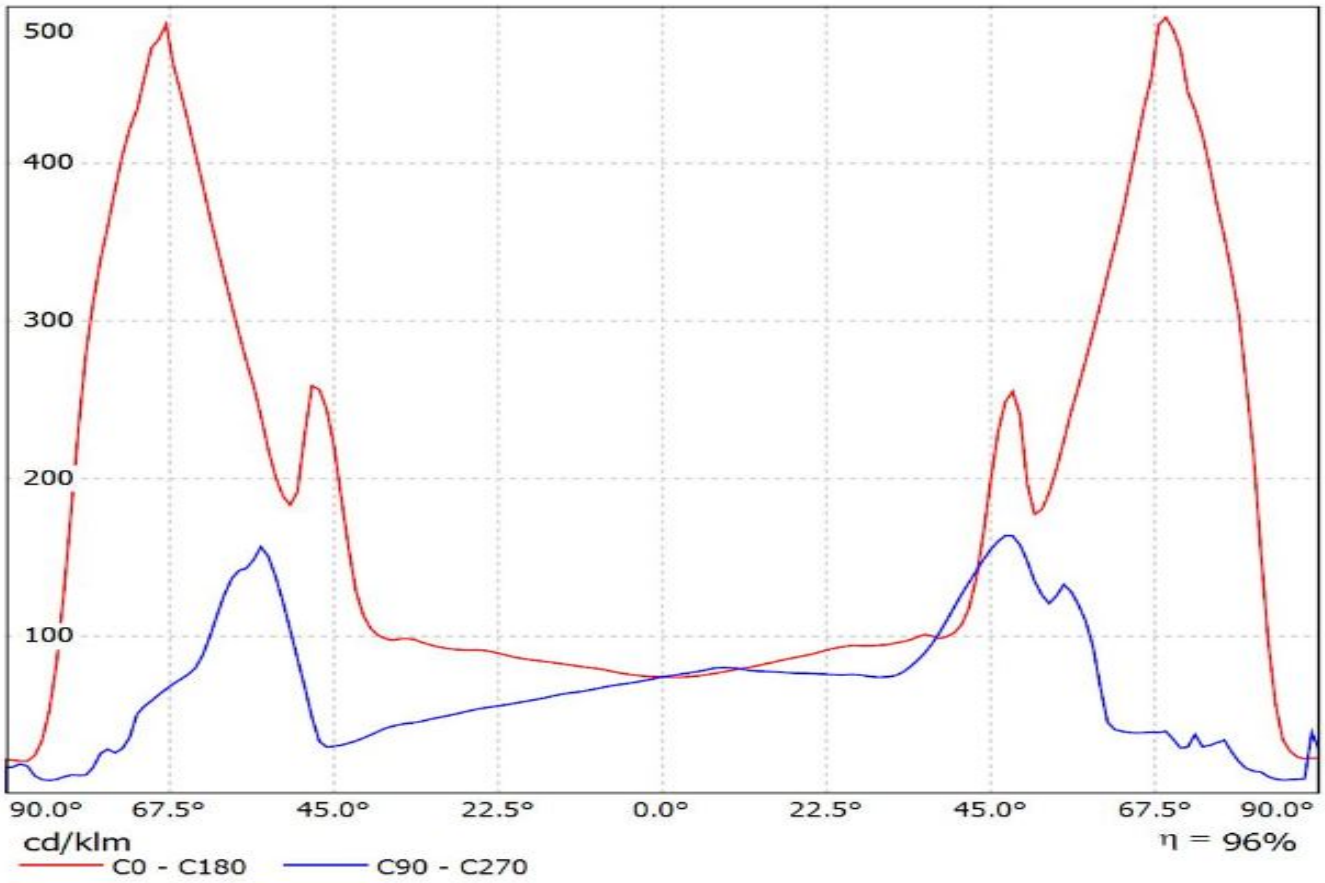
Luminaire: LEDiL Oy C13858_STRADA-2X2-XW_(Luxeon_5050)
Lamps: 1 x Luxeon_5050_2x2_1270.76lm@80mA_CCT=5700K_P=7.35815W_I=0.080A_70CRI



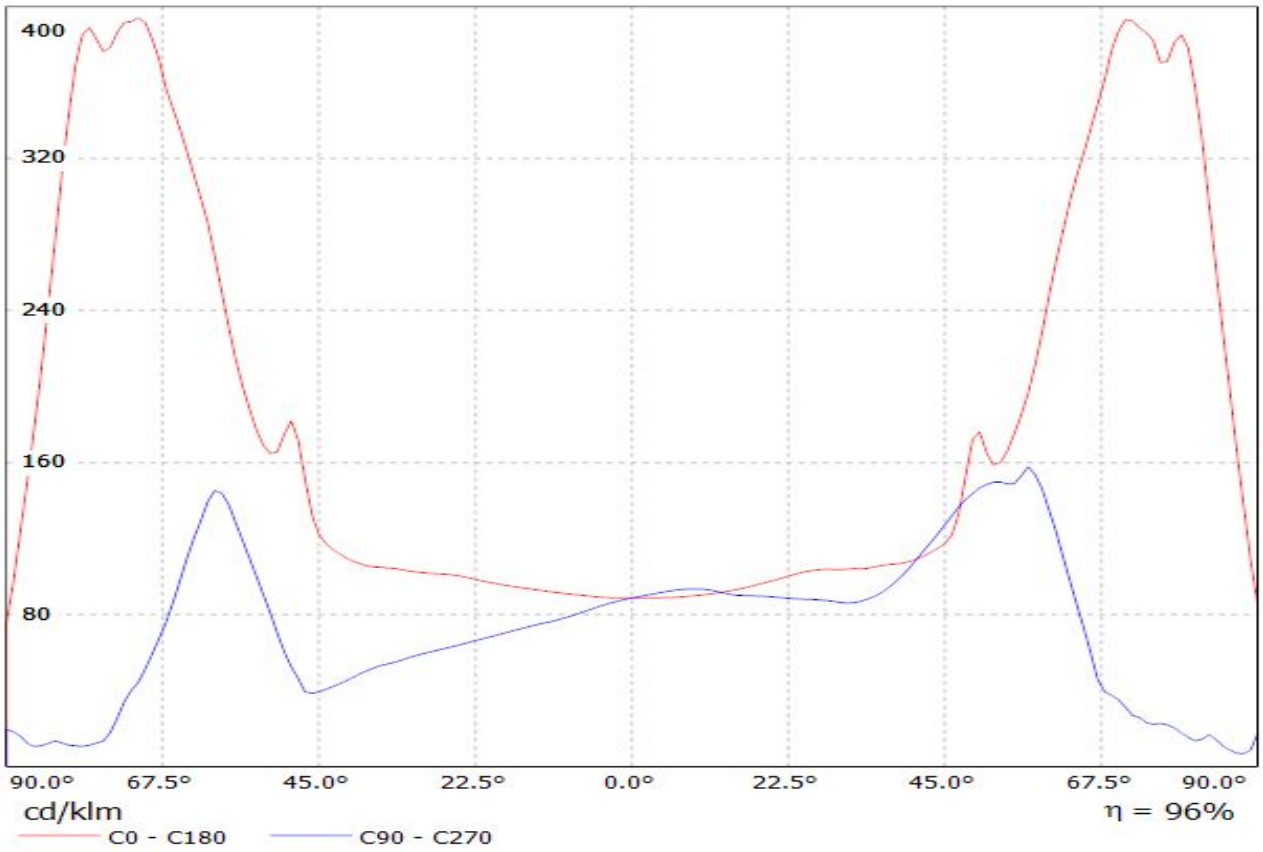
Luminaire: LEDiL Oy C13858_STRADA-2X2-XW_(NVS19B)_3 Eff.93.4%
Lamps: 1 x NICHA_NVS19B_(NVSL219BE)_308.045lm@250mA_P=2.8781W_I=249.9mA



Luminaire: LEDiL Oy C13858_STRADA-2X2-XW_(E21A)
Lamps: 1 x Nichia_E21A_452.248lm@250mA_2.805W_I=0.250A

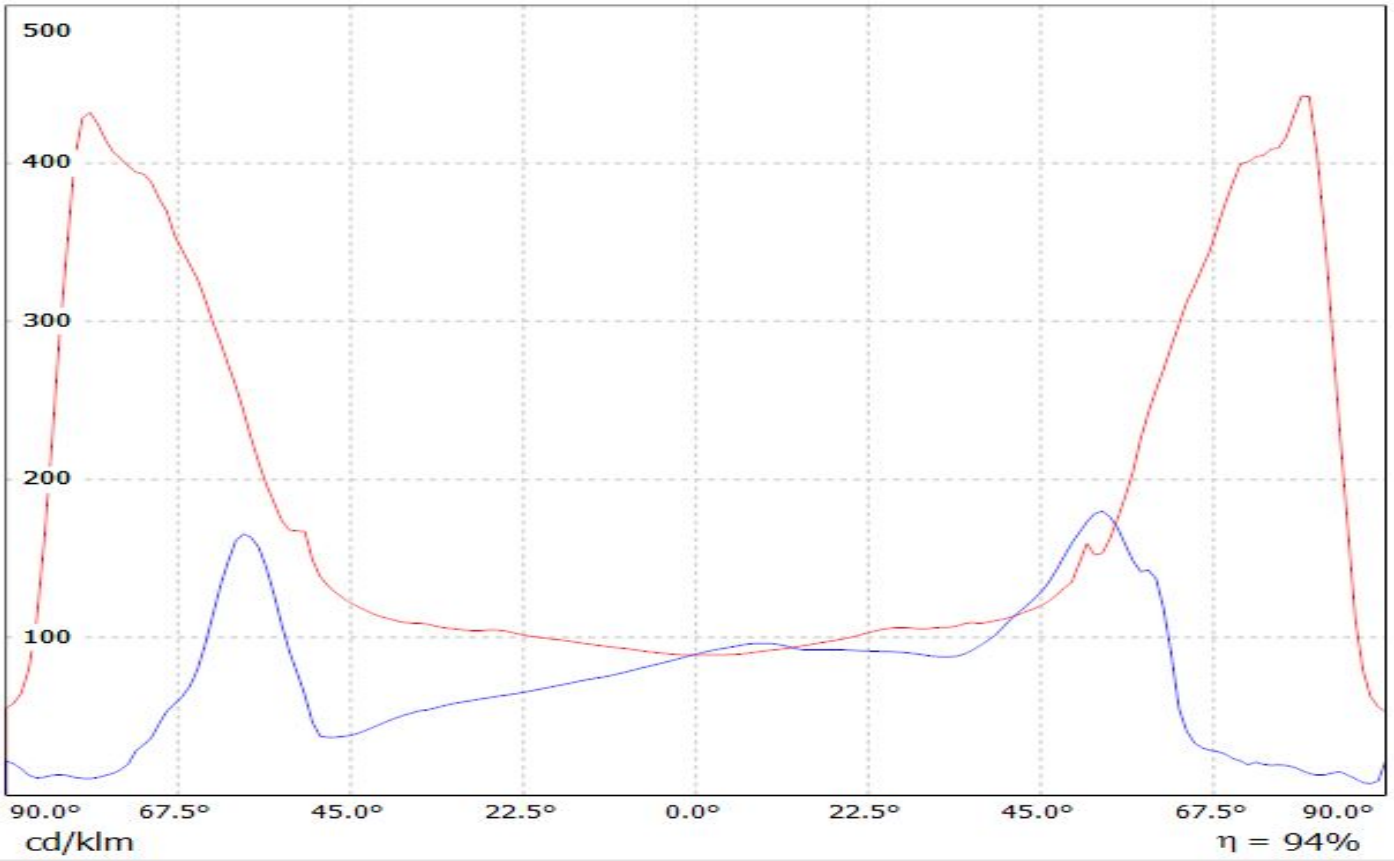


Luminaire: LEDiL Oy C13858_STRADA-2X2-XW_(NVSW319AE)
Lamps: 1 x Nichia_NVSW319AE_499.093lm@250mA_P=2.79052W_I=0.25A

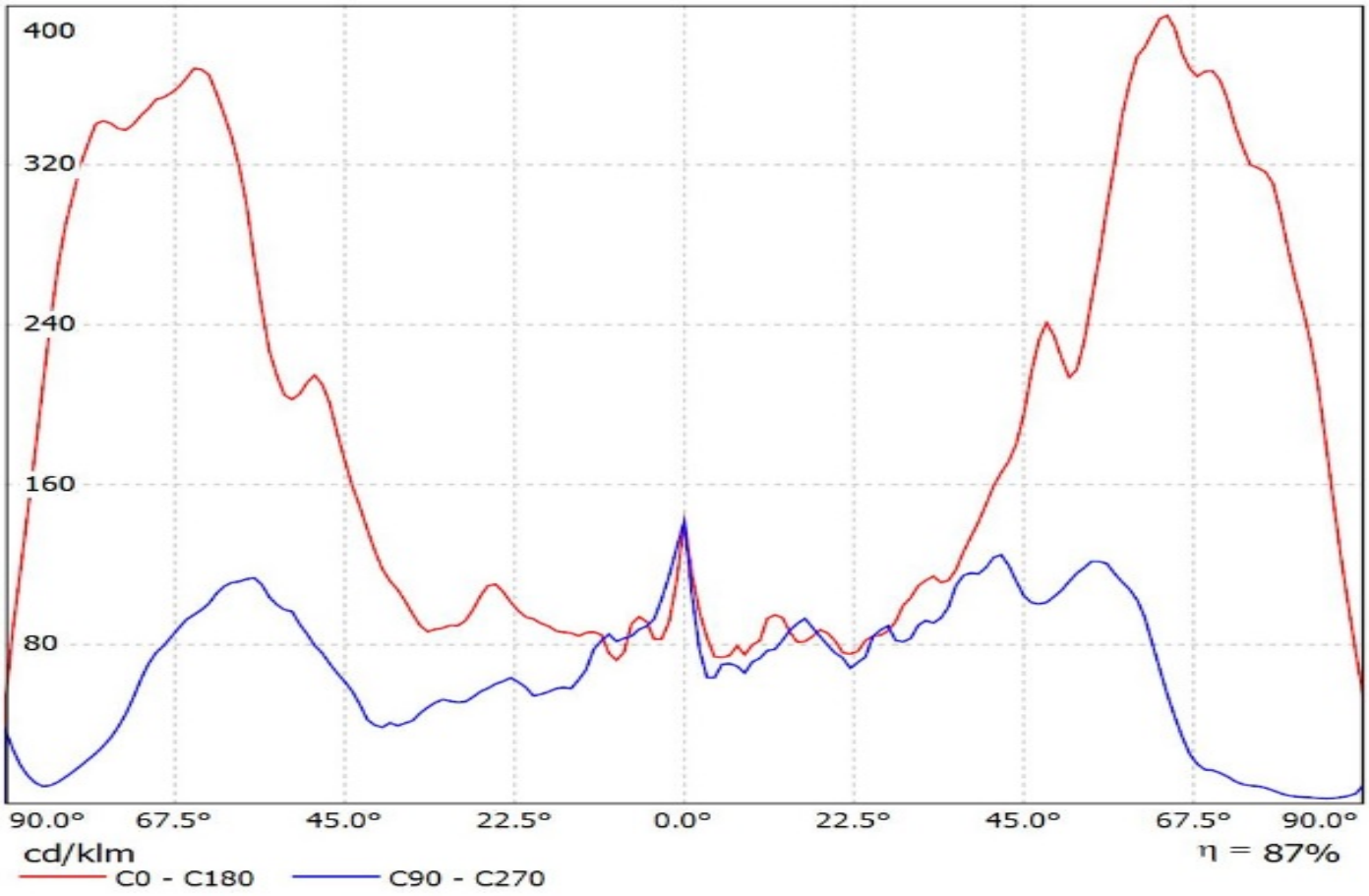


LEDiL Oy C13858_STRADA_2x2_XW Eff.93.6% / LDC (Linear)

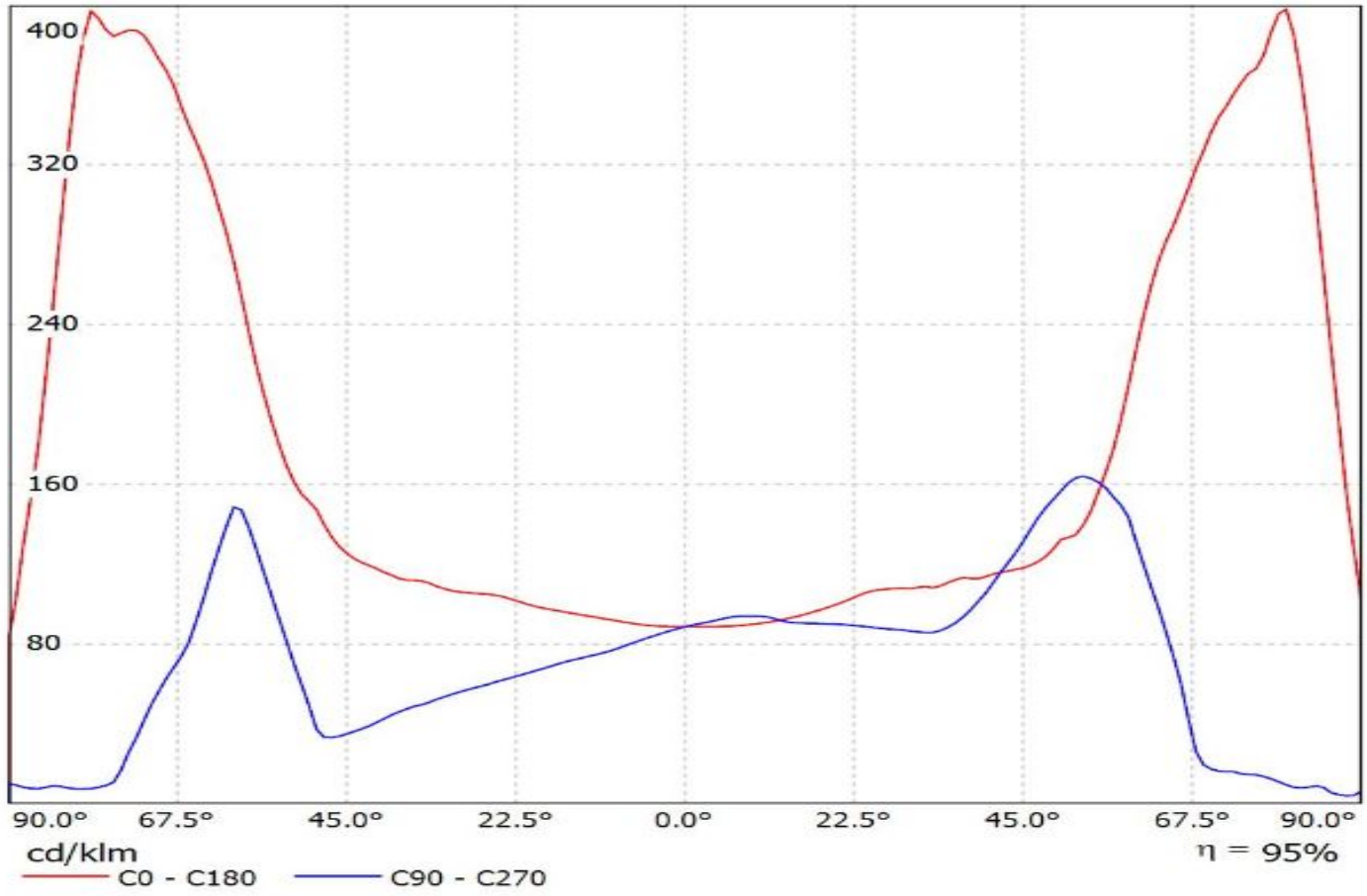
Luminaire: LEDiL Oy C13858_STRADA_2x2_XW Eff.93.6%
Lamps: 1 x SQ-PC_2x2_(LCW-CQAR.PC-MSMU-5H71-1)_389.046lm@250mA_P=2.96831W_I=249.9mA



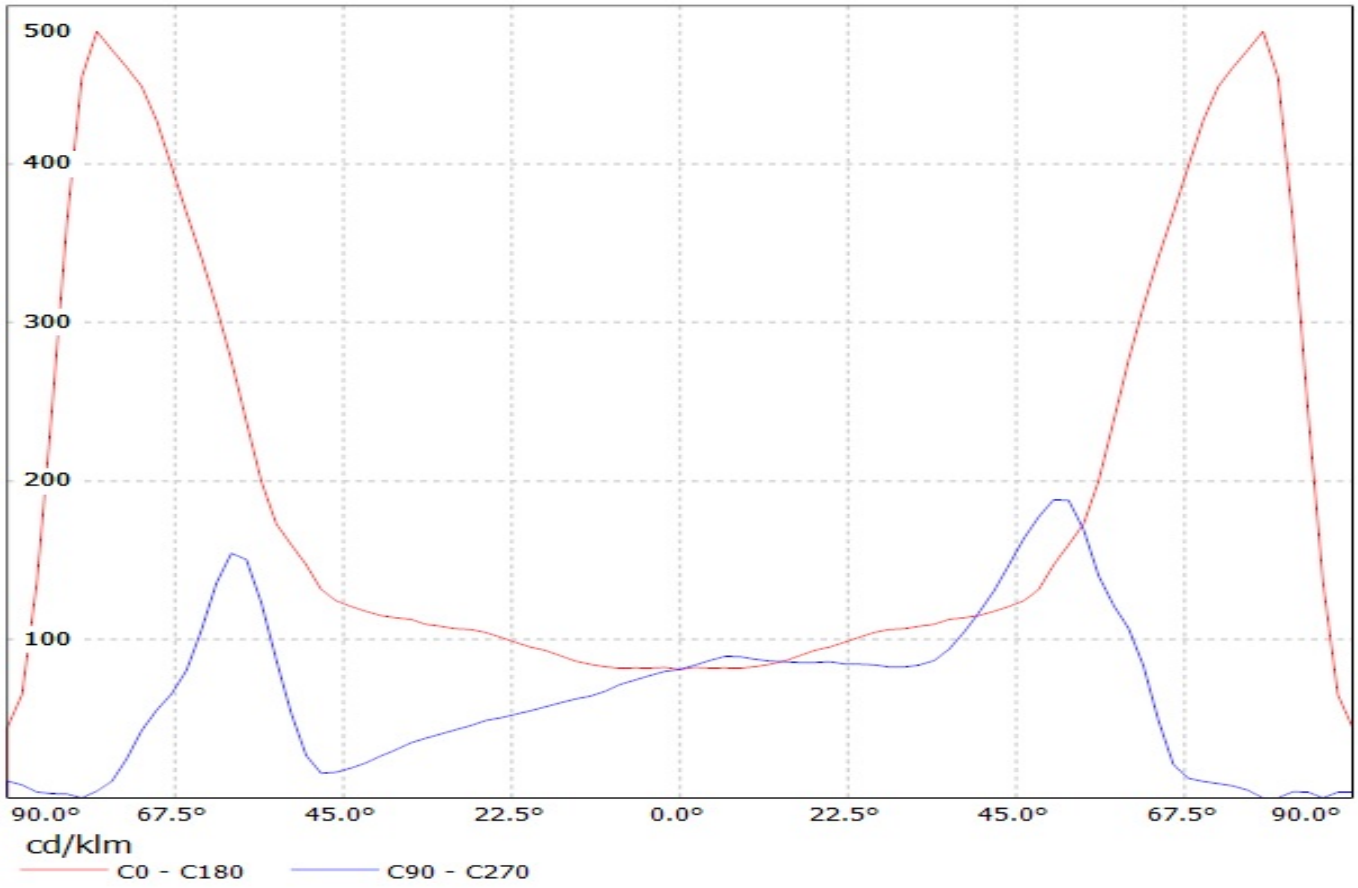
Luminaire: Ledil Oy C13858STRADA-2X2-XW_(Duris_S8_Gen2)_SIMULATED
Lamps: 1 x OSRAM_DURIS S8 GEN2 5050 package



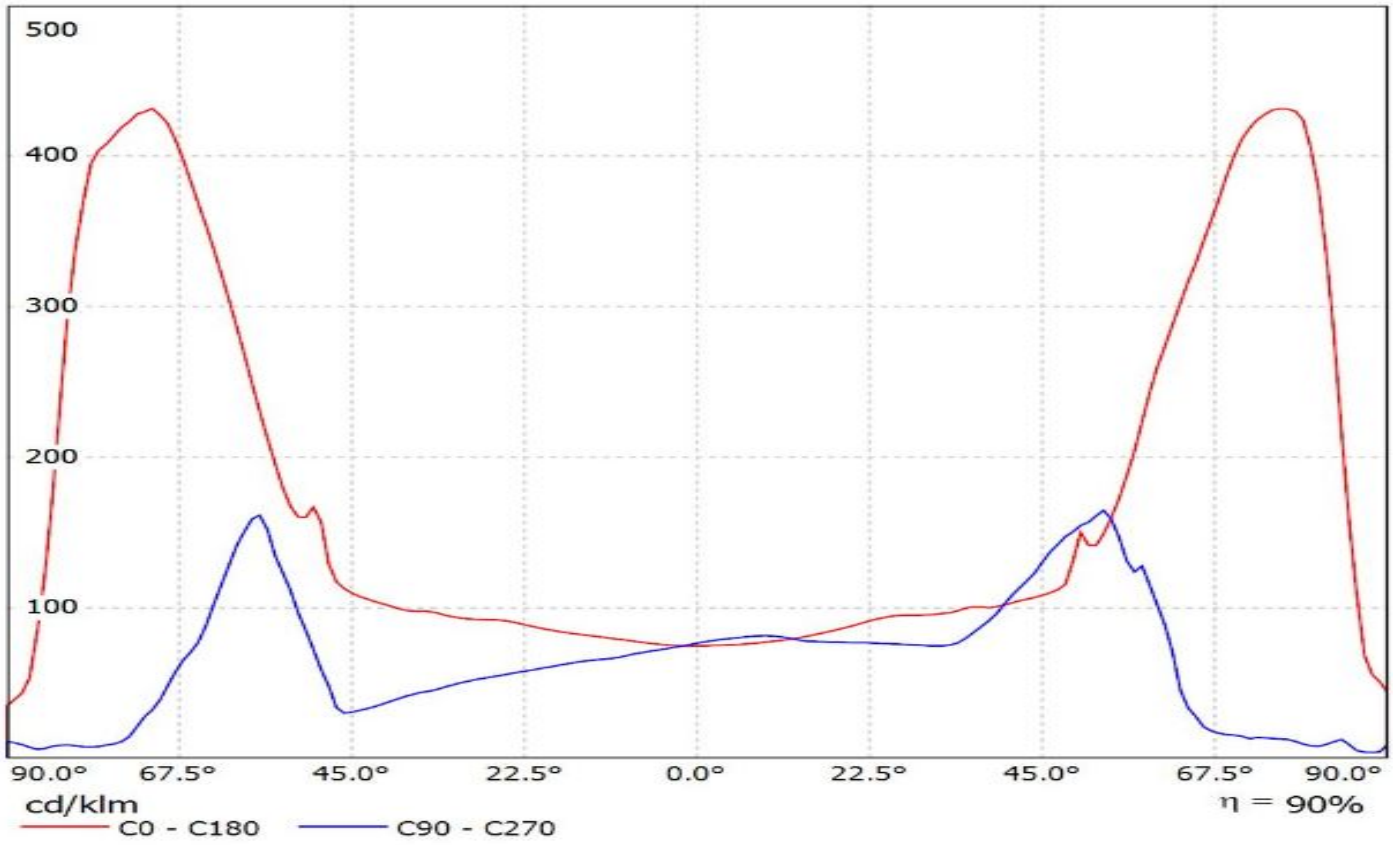
Luminaire: Ledil C13858_STRADA-2X2-XW_(LH351B)
Lamps: 1 x Samsung_LH351B_2x2_444.178lm@250mA_P=2.8535W_I=0.25A



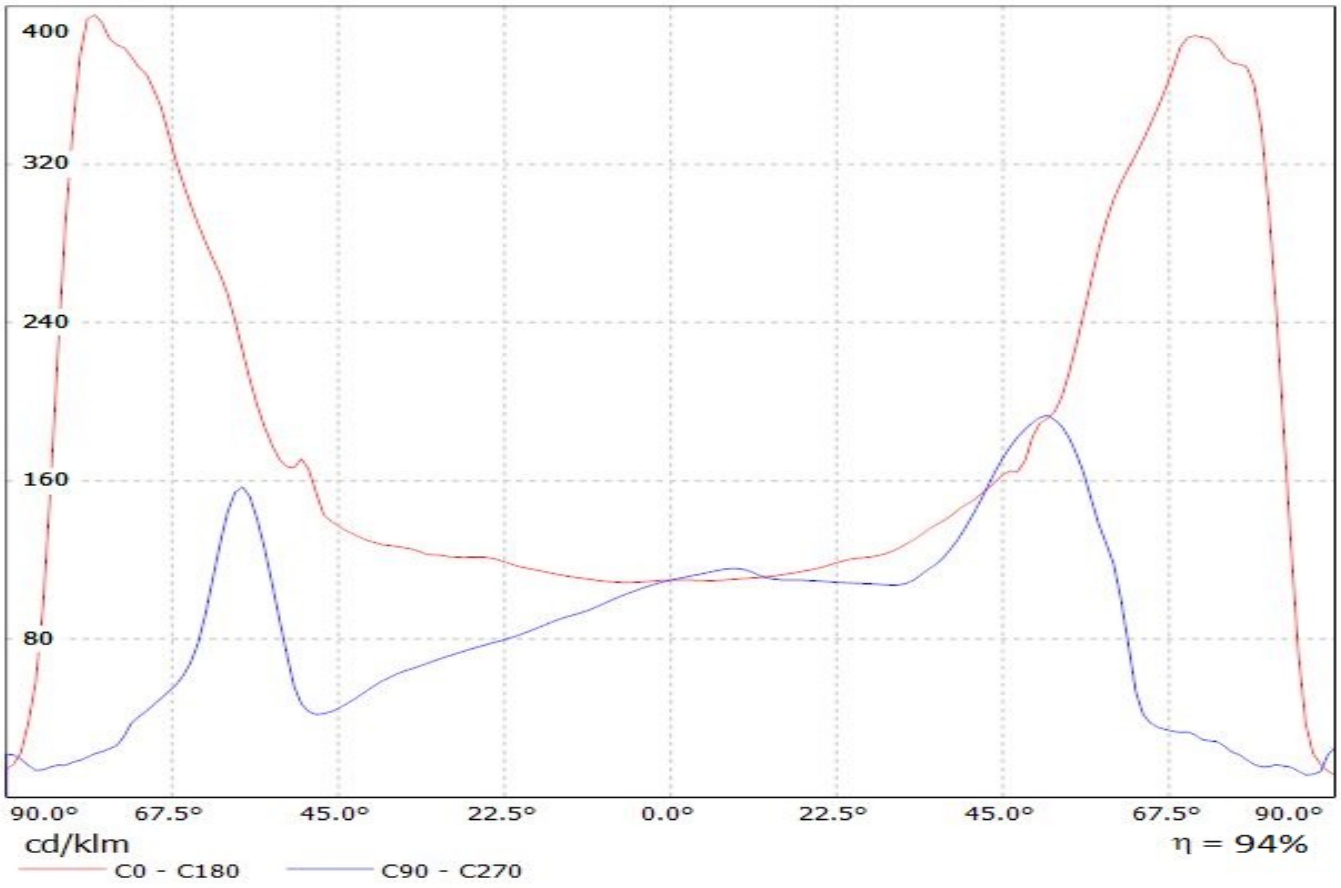
Luminaire: LEDil Oy C13858_STRADA-2X2-XW_(Z5M1) Efficiency=94%
Lamps: 1 x Seoul Z5M1 (SZ5-M1-WN-C8) 379lm @ 250mA CCT=4600K P=2.9W I=250mA



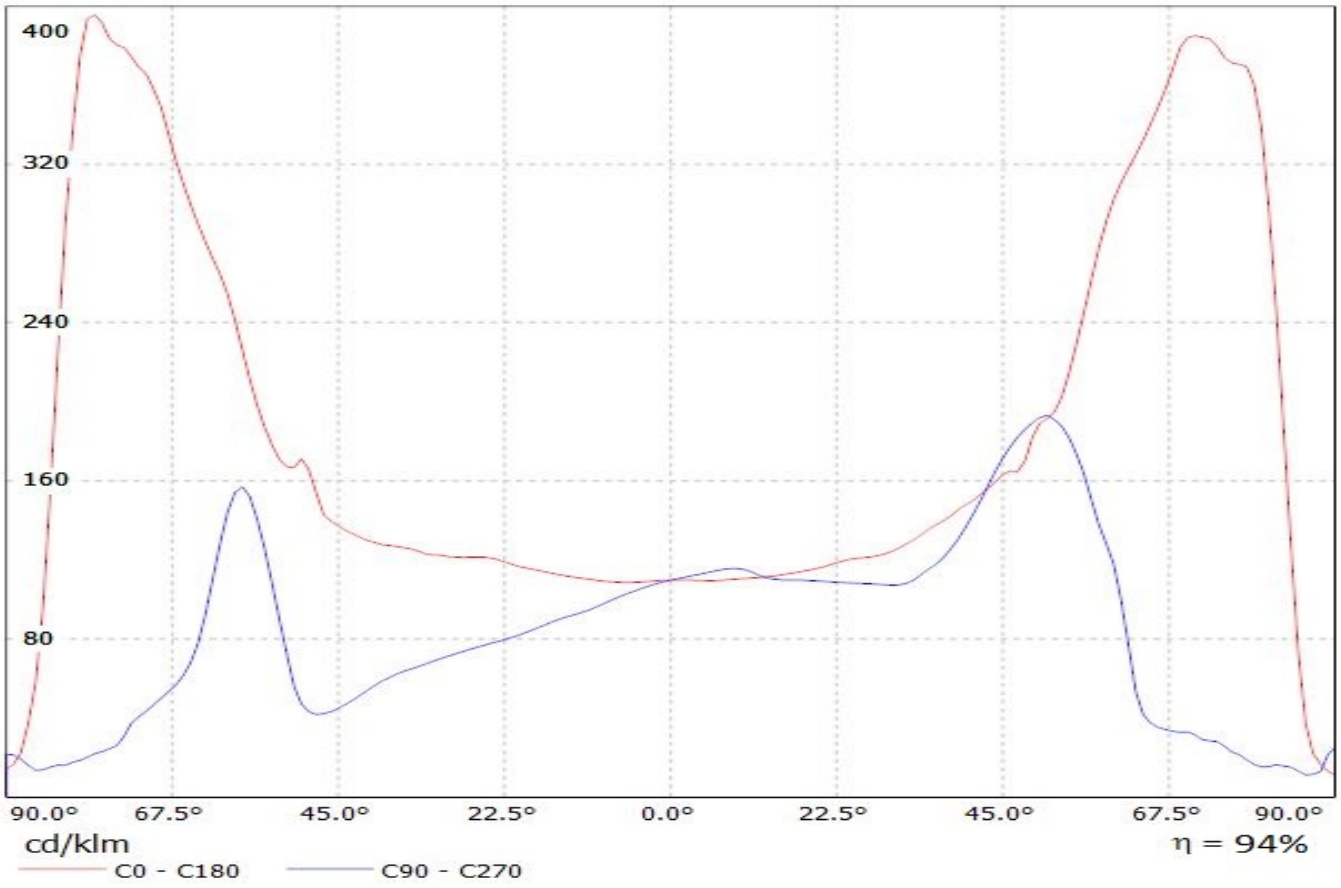
Luminaire: Ledil C13858_STRADA-2X2-XW_(TL1L4)
Lamps: 1 x Toshiba_TL1L4_2x2_(TL1L4-DW0)_472.639lm@250mA_CCT=6500K_P=2.9W_I=0.25A



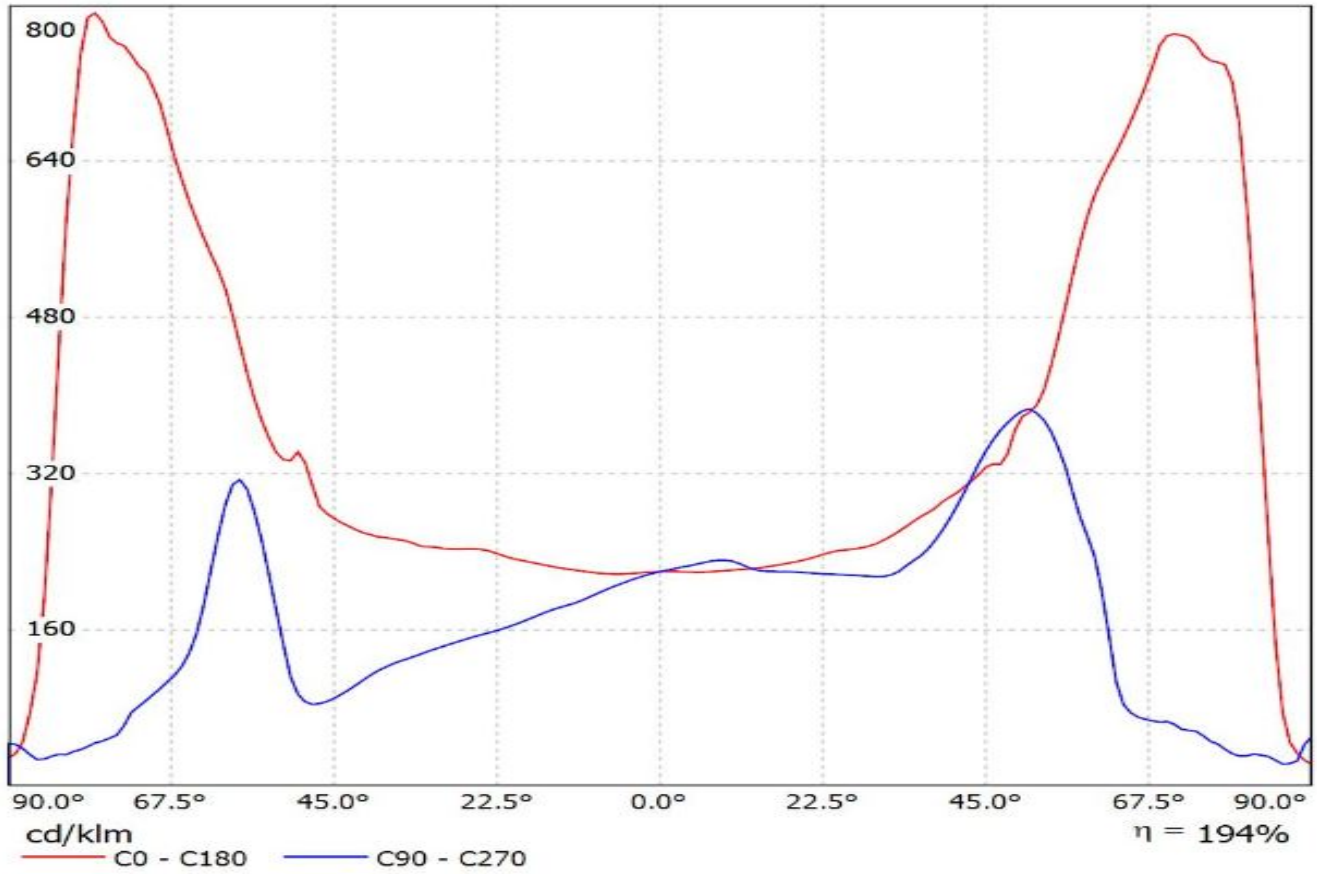
Luminaire: LEDiL Oy C13858_STRADA-2X2-XW_(Tridonic_Module_RLE_G1)
Lamps: 1 x Tridonic_Module_RLE_G1_4576.03lm@700mA_P=32.0681W_I=0.700A



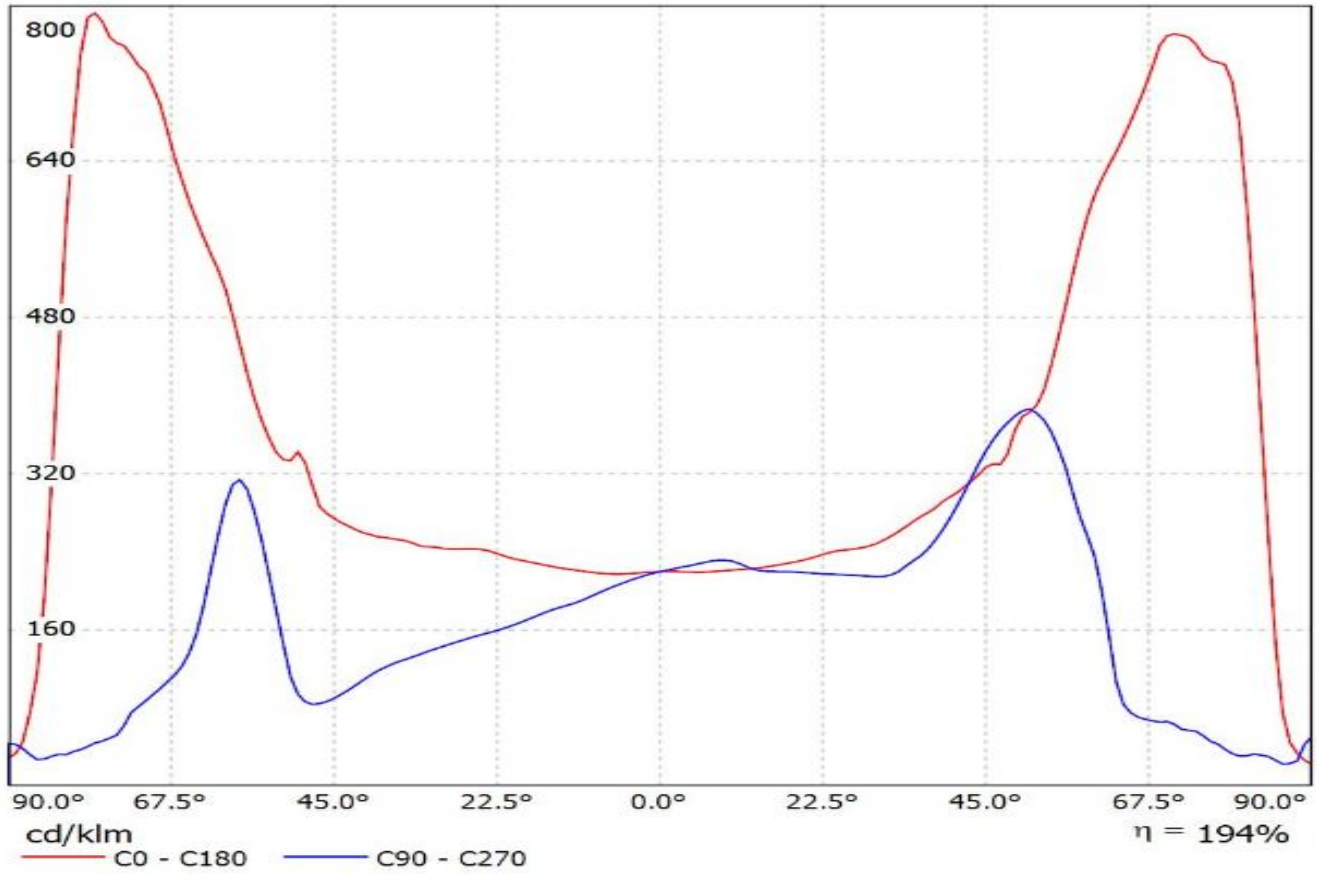
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Lamps: 1 x Tridonic_Module_RLE_G1_4576.03lm@700mA_P=32.0681W_I=0.700A



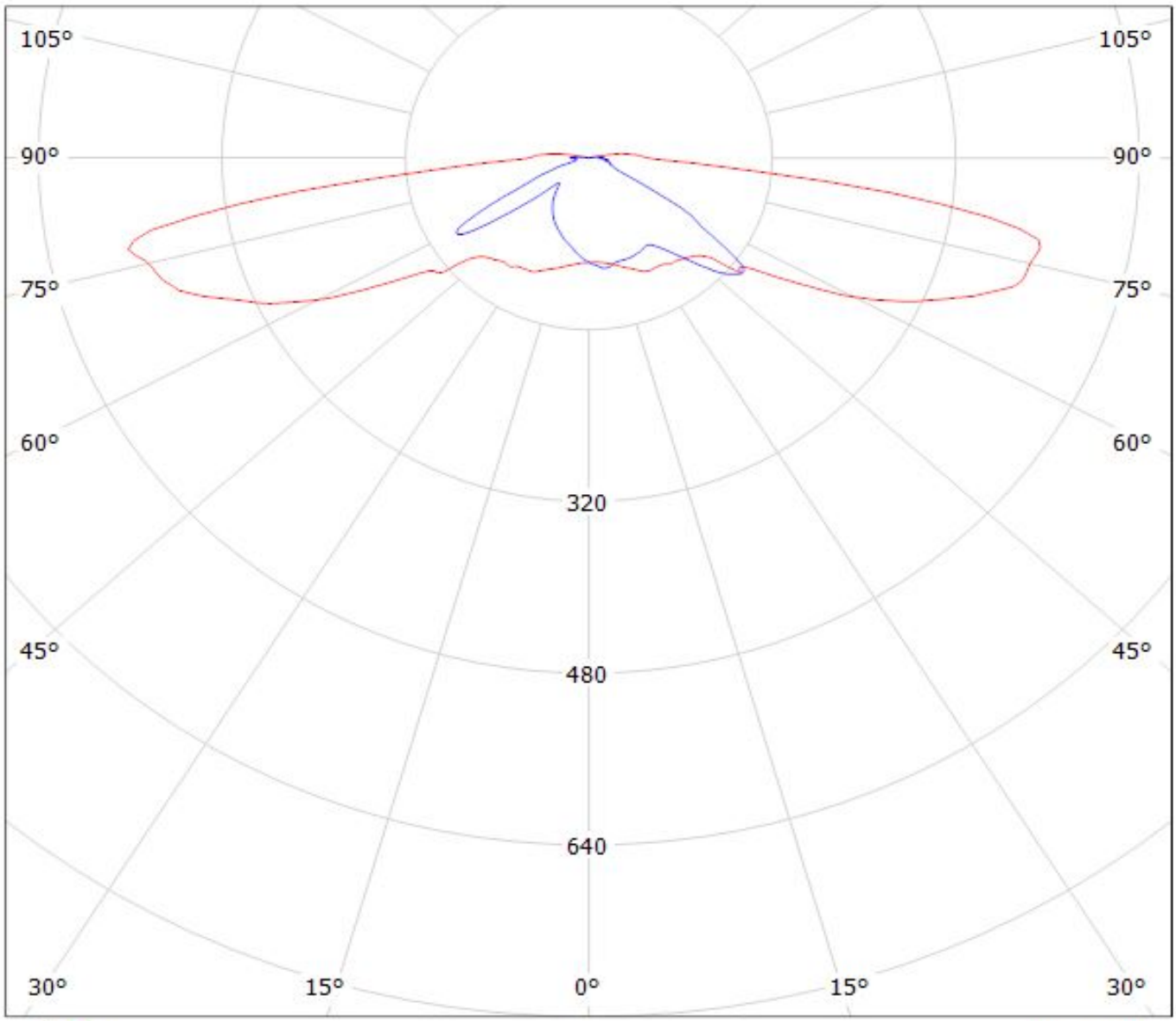
Luminaire: LEDiL Oy C13858_STRADA-2X2-XW_(Tridonic_Module_RLE_G1)
Lamps: 1 x Tridonic_Module_RLE_G1_2288lm@700mA_P=16W_I=0.700A



Luminaire: LEDiL Oy C13858_STRADA-2X2-XW_(Tridonic_Module_RLE_G1)
Lamps: 1 x Tridonic_Module_RLE_G1_2288lm@700mA_P=16W_I=0.700A



Luminaire: Ledil C13858_STRADA_2x2_XW_(XB-H)
Lamps: 1 x XB-H_502.676lm@250mA_P=7.85261W_I=0.2499A

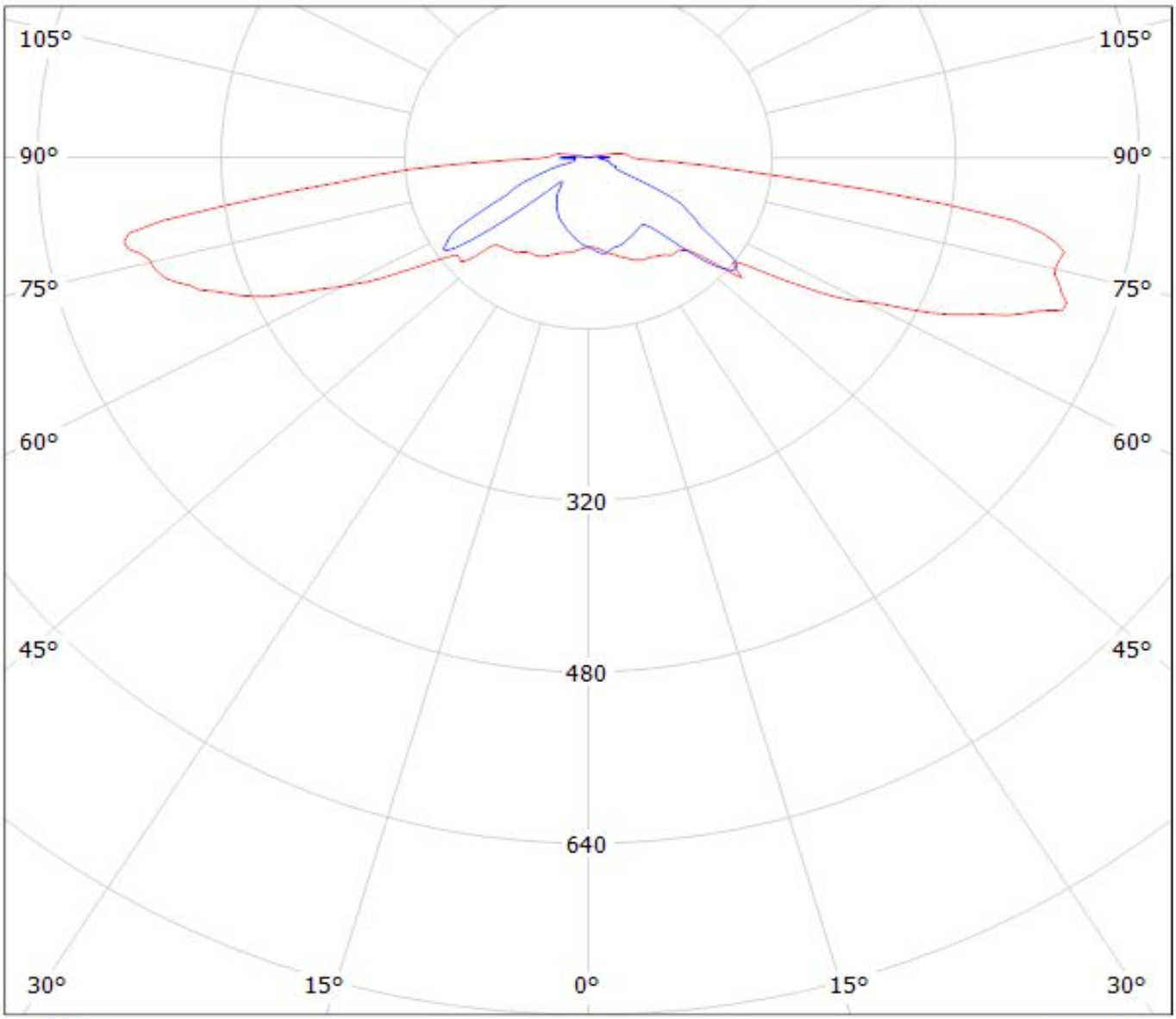


cd/klm

η = 94%

C0 - C180 C90 - C270

Luminaire: Ledil C13858_STRADA_2x2_XW_(XP-E)
Lamps: 1 x XP-E_337.15lm@250mA_P=8W_I=0.2499A

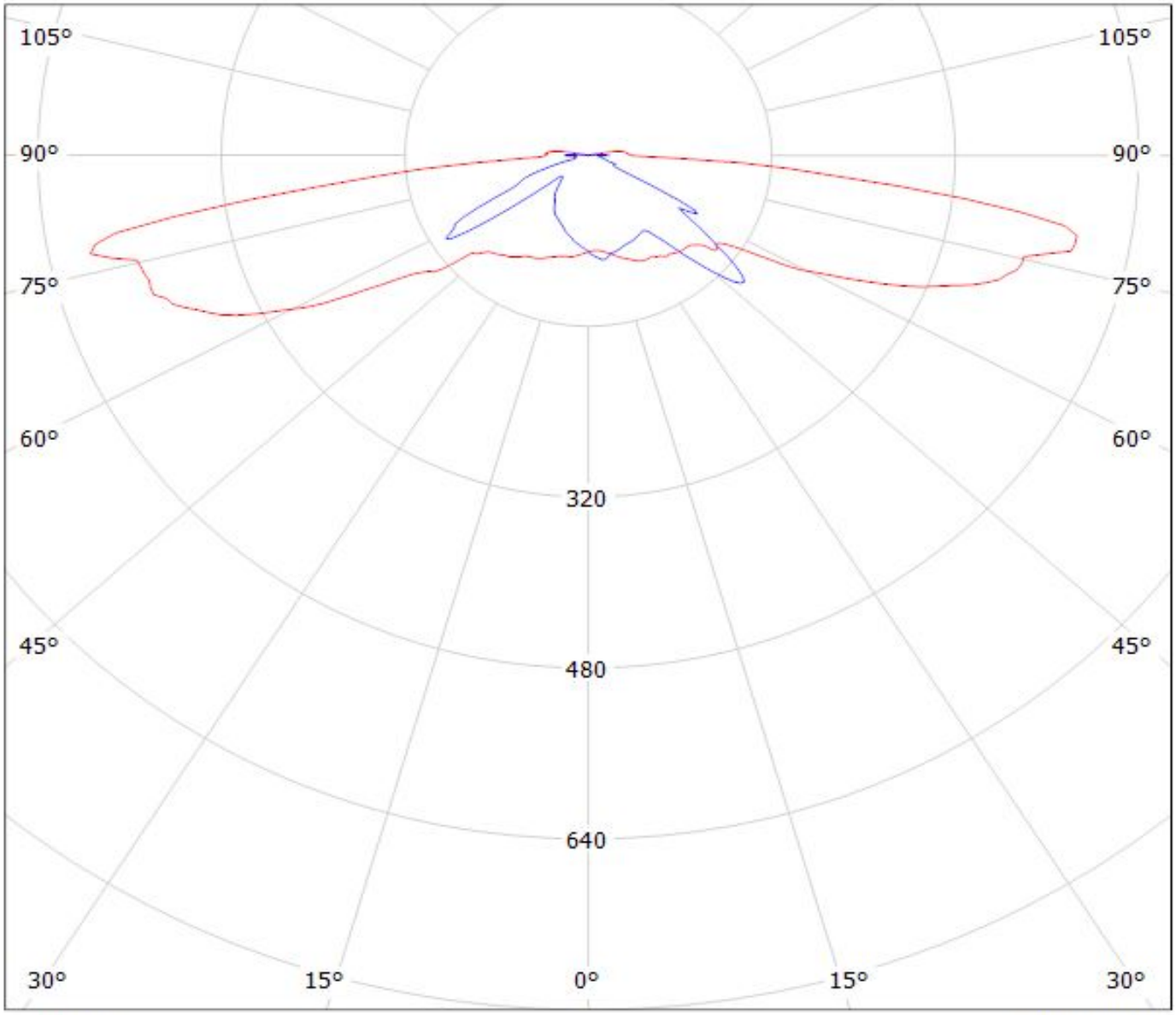


cd/klm

η = 94%

C0 - C180 C90 - C270

Luminaire: Ledil C13858_STRADA_2x2_XW_(XP-E2)
Lamps: 1 x XP-E2_2X2_374.713lm@250mA_P=7.85261W_I=0.2499A

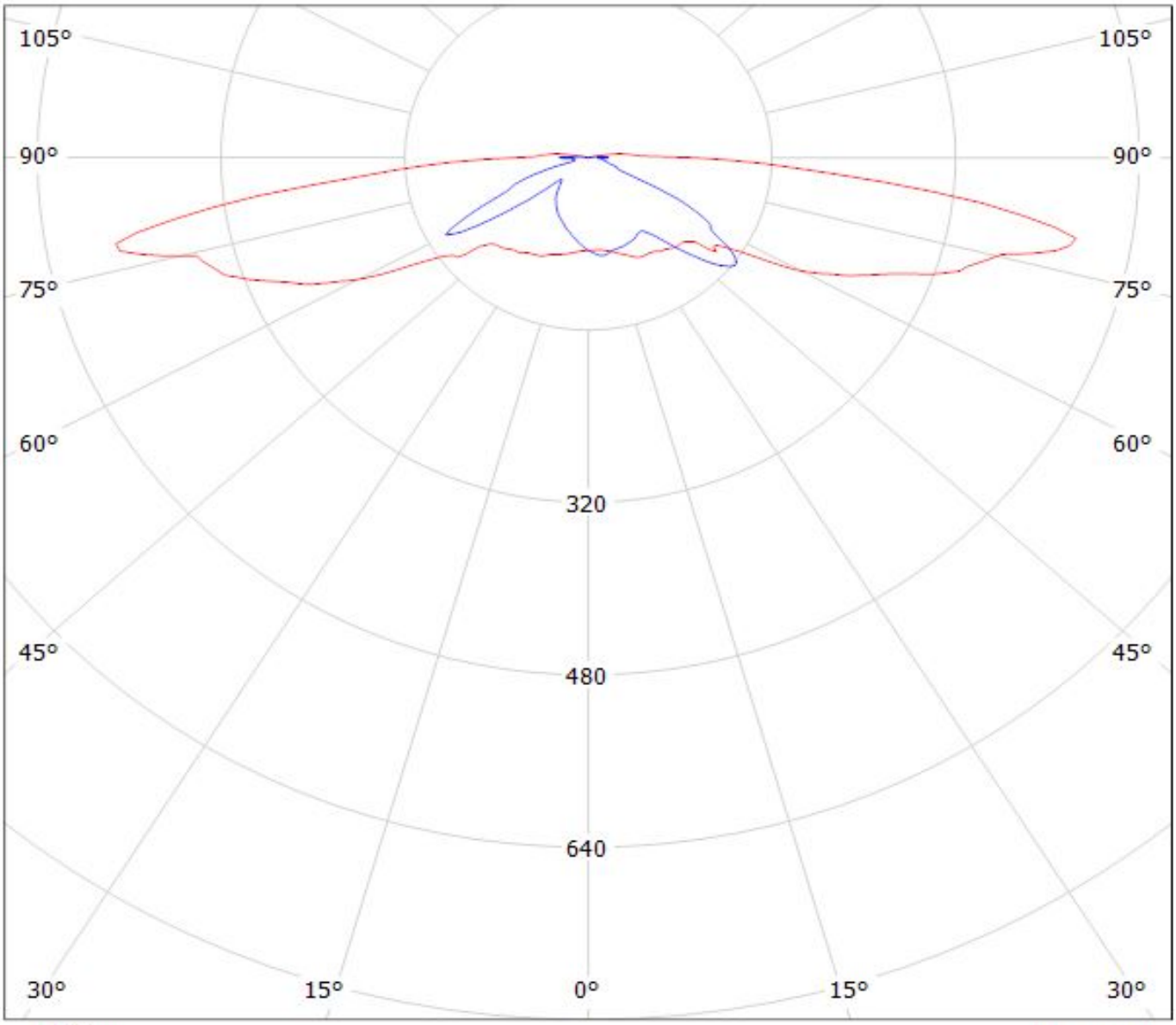


cd/klm

η = 94%

C0 - C180 C90 - C270

Luminaire: Ledil C13858_STRADA_2x2_XW_(XP-G)
Lamps: 1 x XP-G_287.028lm@250mA_P=2.9W_I=0.2499A

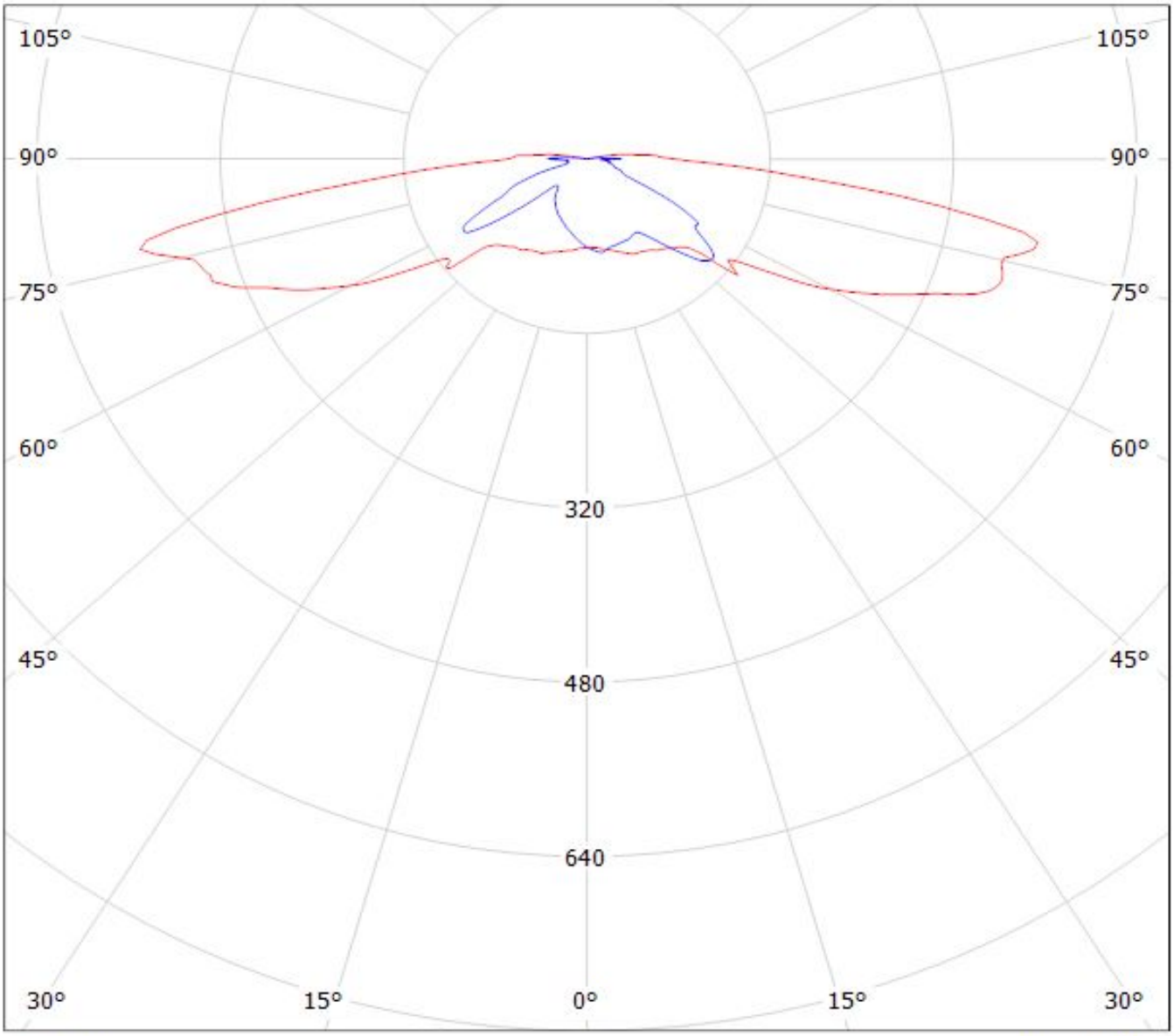


cd/klm

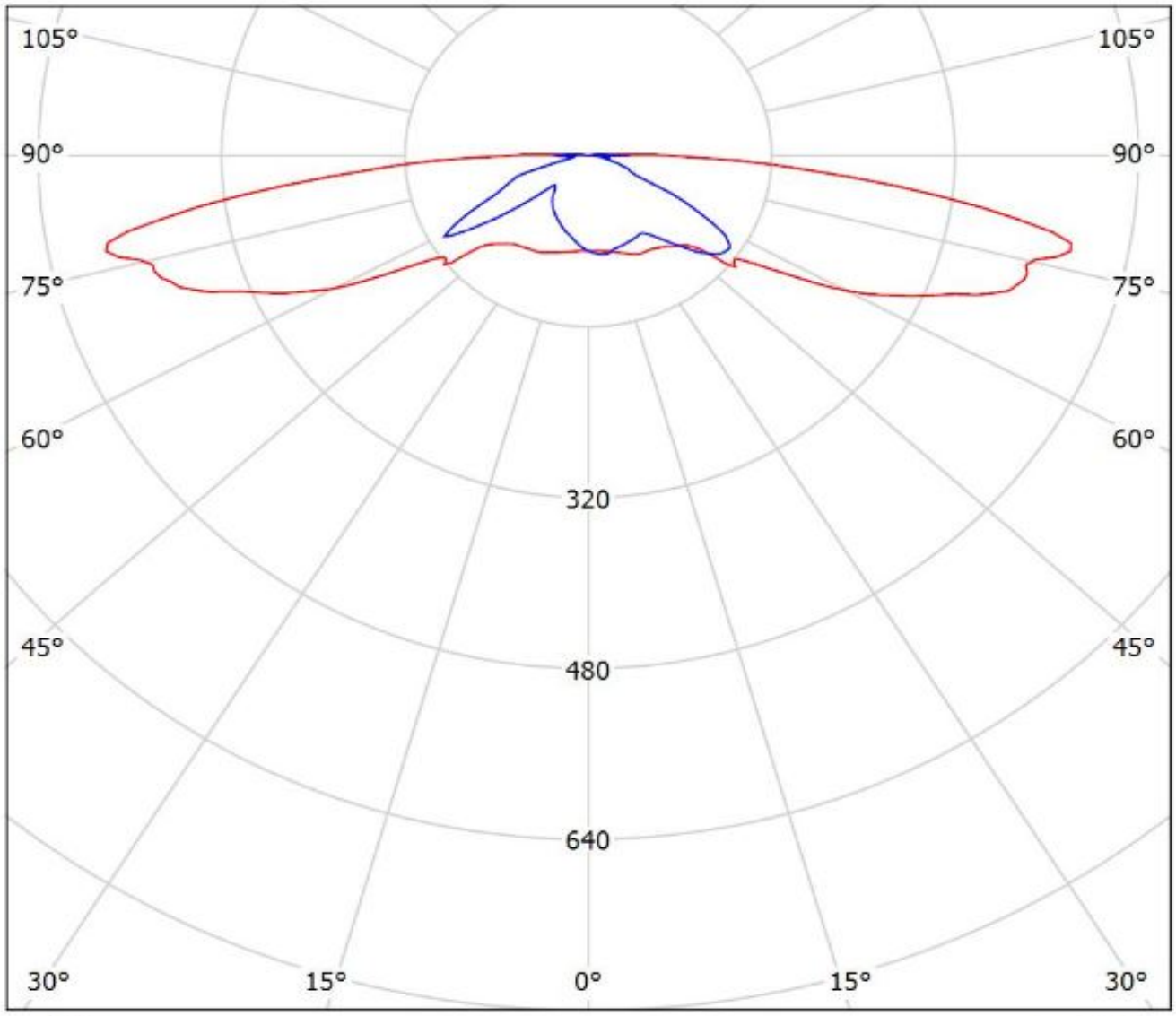
η = 93%

C0 - C180 C90 - C270

Luminaire: Ledil C13858_STRADA_2x2_XW_(XT-E)
Lamps: 1 x XT-E_429.235lm@250mA_P=8W_I=0.2499A

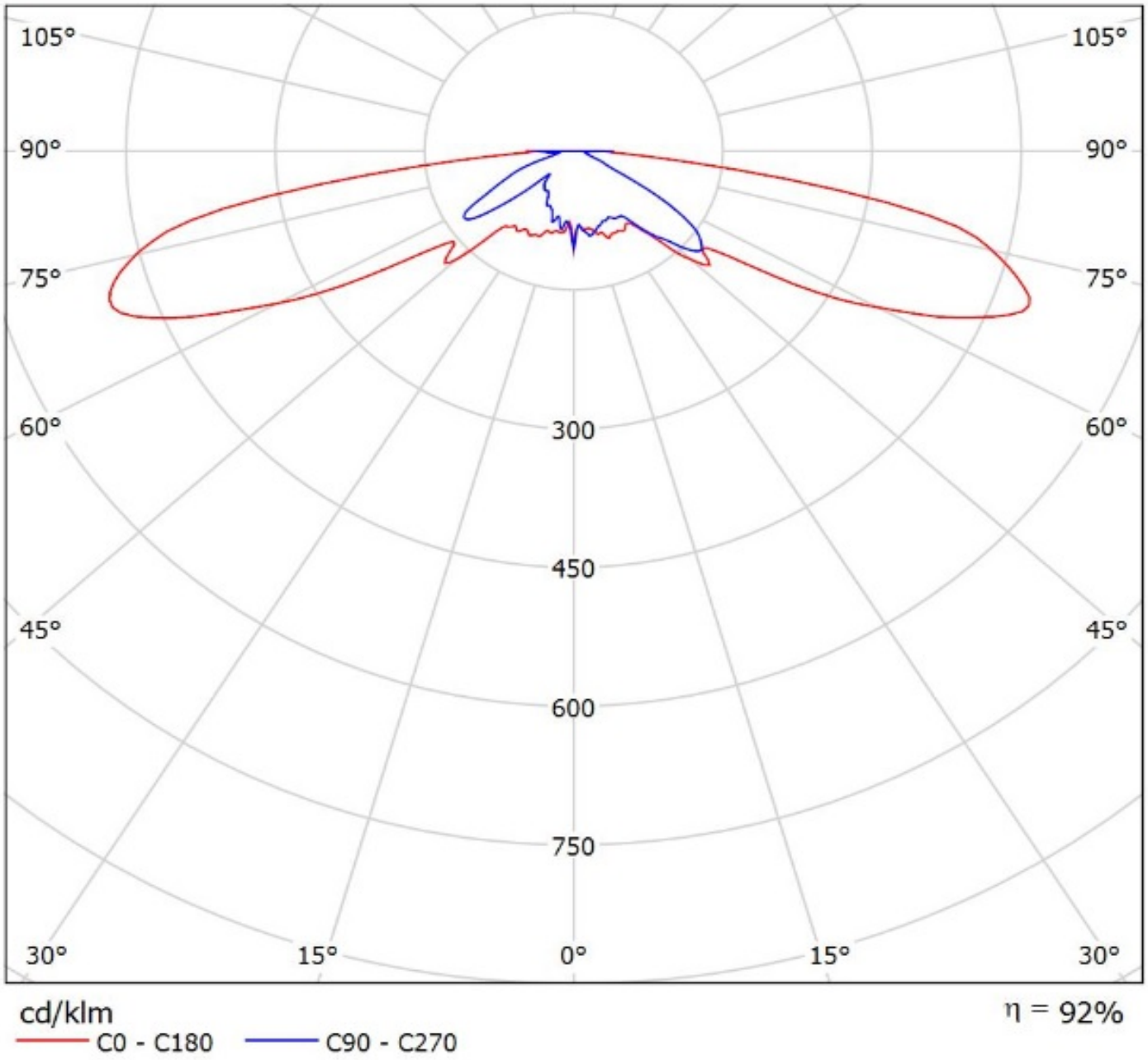


Luminaire: Ledil C13858_STRADA-2X2-XW_(XP-G3)
Lamps: 1 x Cree_XP-G3_2x2_(XPGDWT-B1-3C0-S4-0-01)_514.511lm@250mA_P=2.7985W_I=0.25A

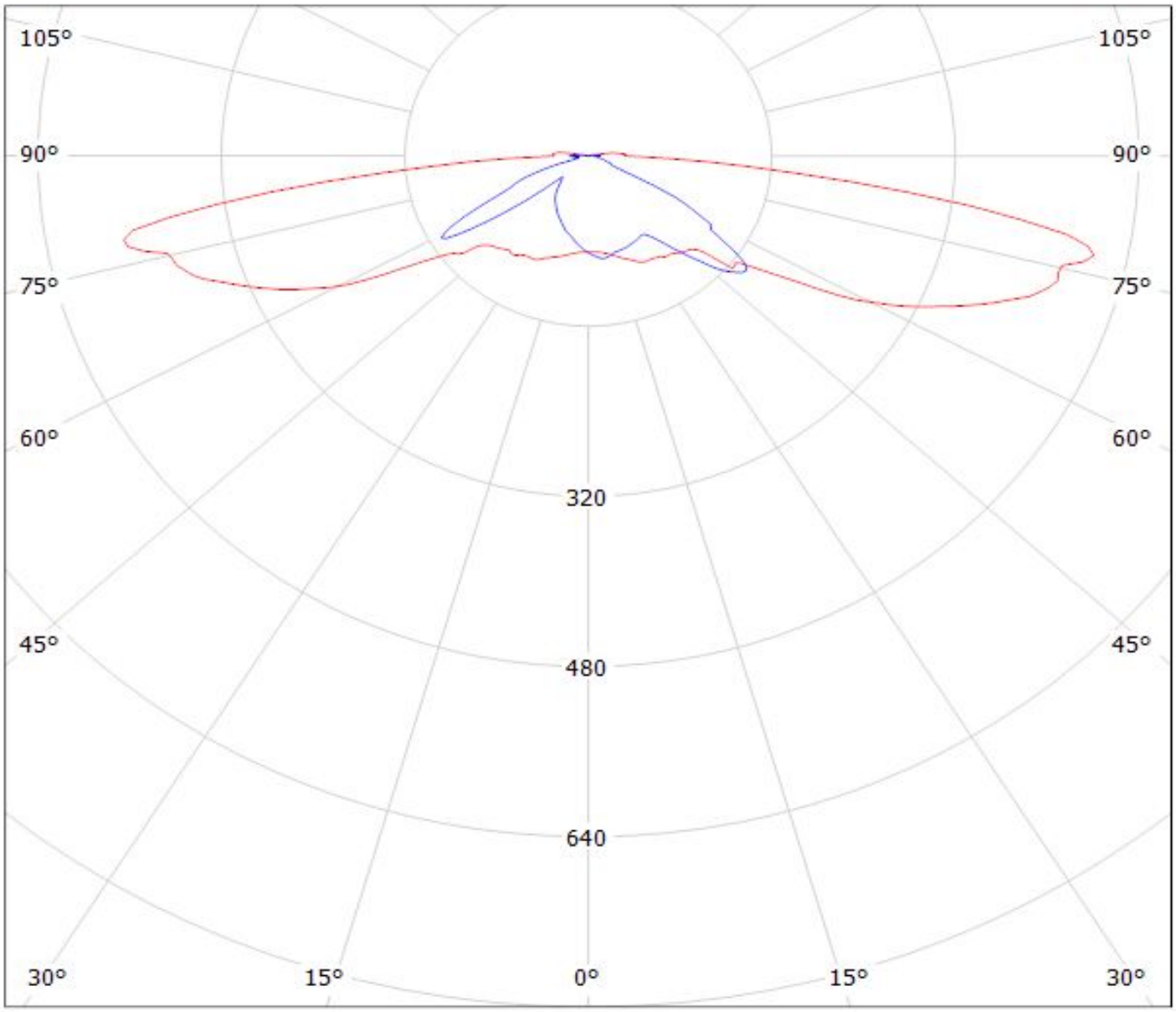


cd/klm
η = 96%
C0 - C180
C90 - C270

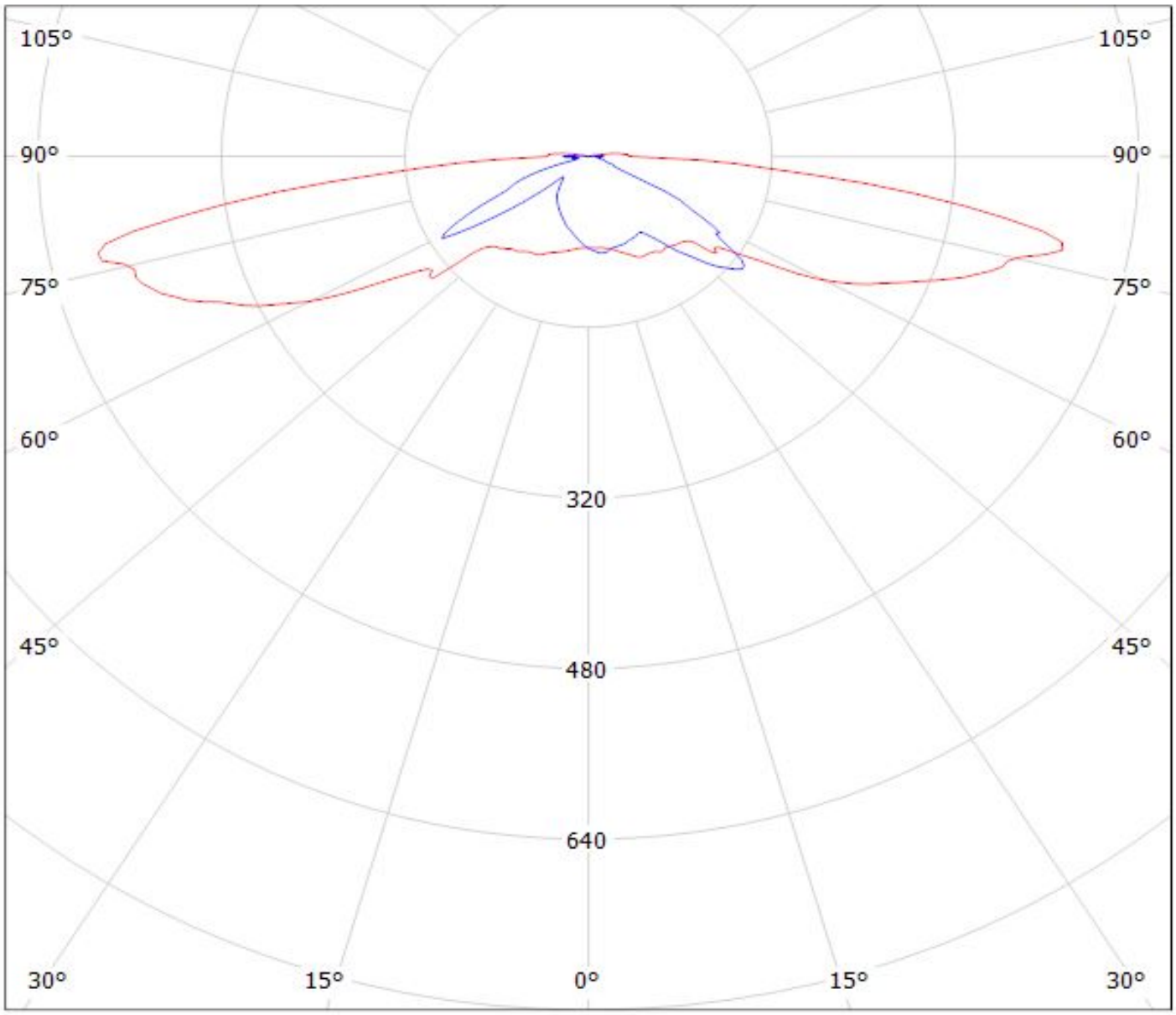
Luminaire: Ledil Oy C13858_STRADA-2X2-XW_(H35C0)_SIMULATED
Lamps: 1 x LG H35C0 (LEMWA33)



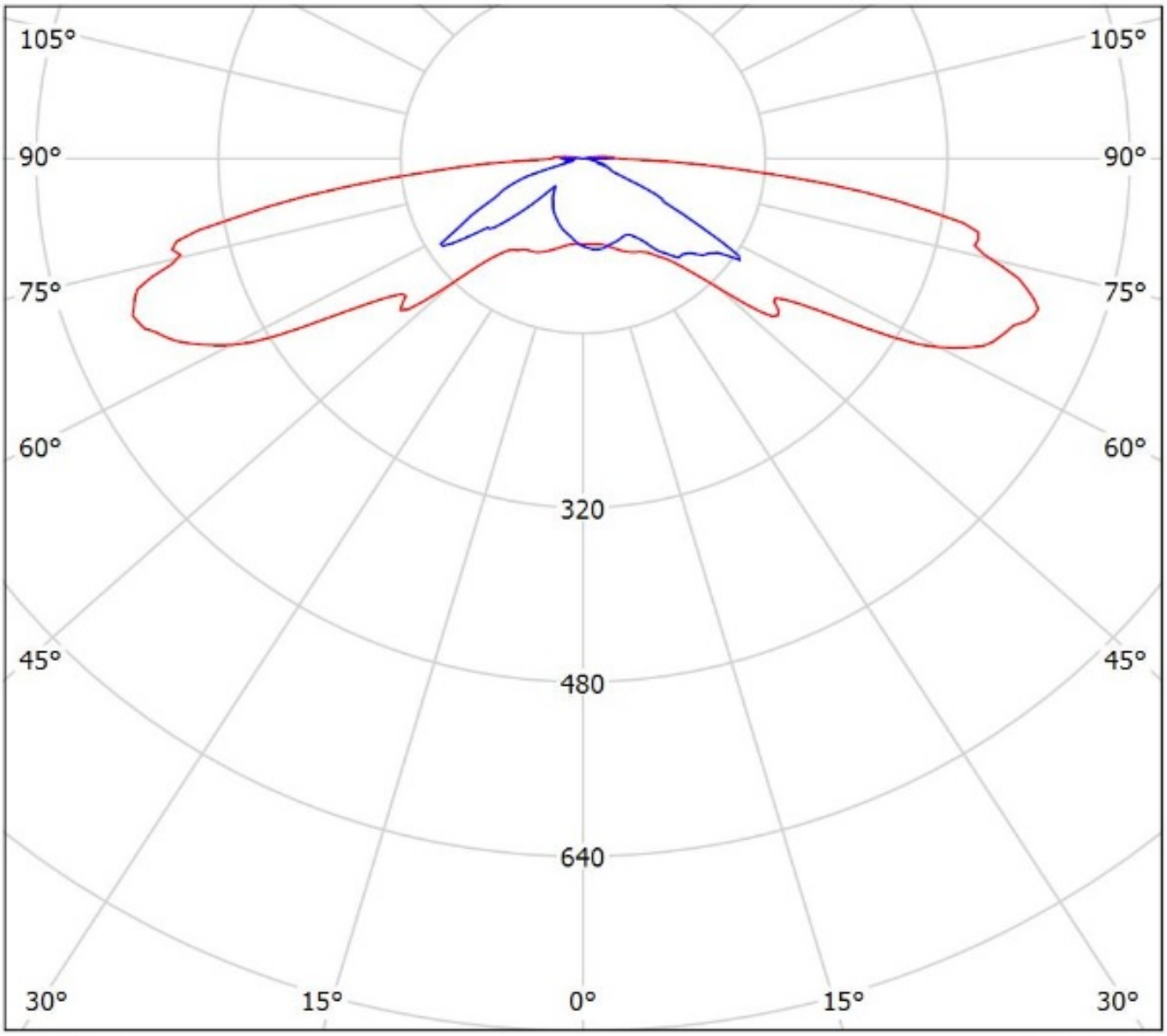
Luminaire: LEDiL Oy C13858_STRADA-2X2-XW_(Luxeon_TX) Eff.94.0%
Lamps: 1 x Luxeon_TX_2x2_326.55lm@250mA_P=2.79263W_I=249.9mA



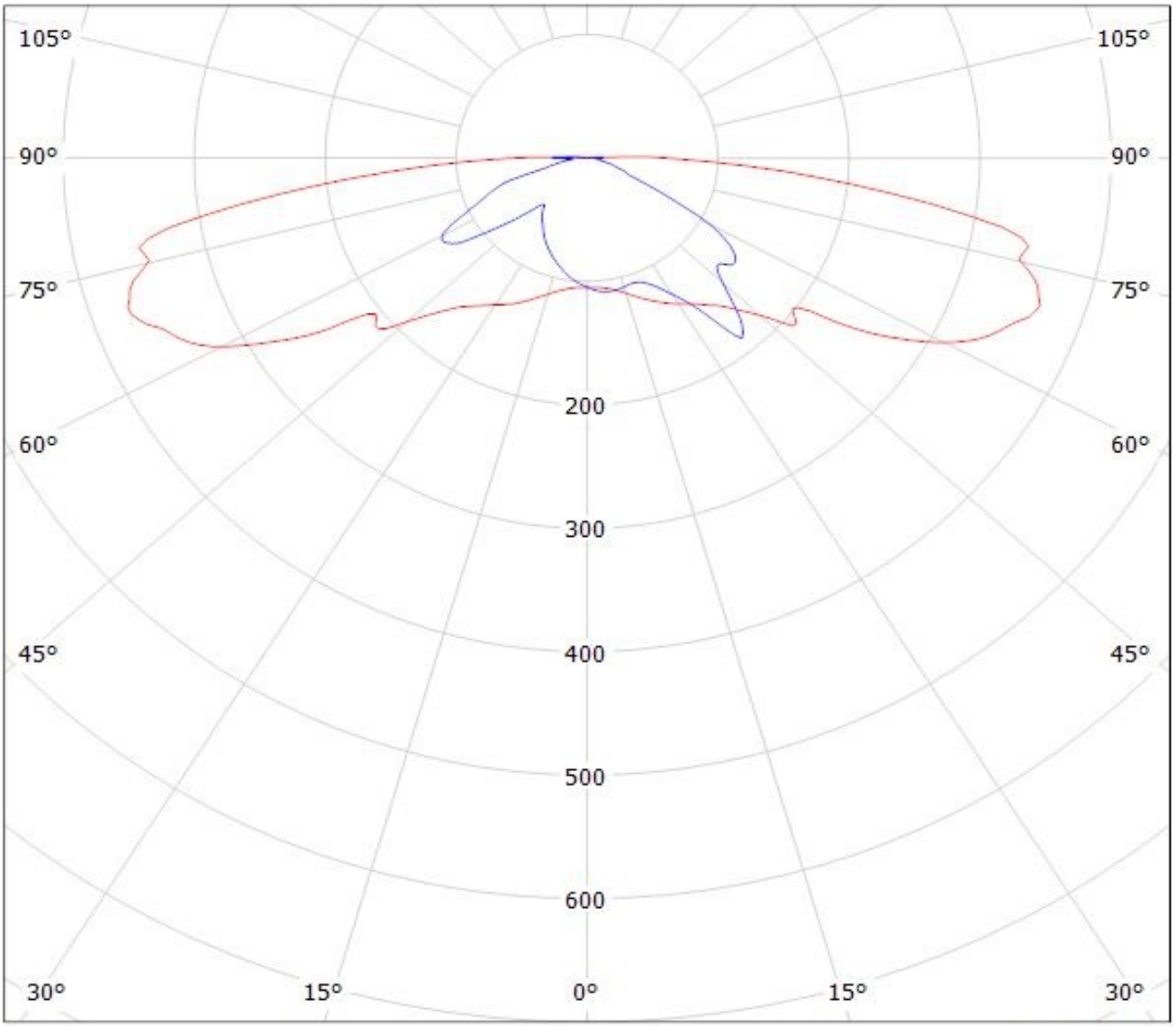
Luminaire: LEDiL Oy C13858_STRADA-2X2-XW_(Luxeon_T) Eff.94.0%
Lamps: 1 x Luxeon_T_2x2_(LXH8-FW30-3)_291.9lm@250mA_P=2.80338W_CCT=3173K_I=249.9mA



Luminaire: Ledil C13858_STRADA-2X2-XW_(Luxeon_MZ)
Lamps: 1 x Philips_Lumileds_Luxeon_MZ_(LMZ7-QW57)_(2x2)_427.268lm@250mA_P=2.734W_I=0.2500A



Luminaire: LEDiL Oy C13858_STRADA-2X2-XW_(Luxeon_5050)
Lamps: 1 x Luxeon_5050_2x2_1270.76lm@80mA_CCT=5700K_P=7.35815W_I=0.080A_70CRI

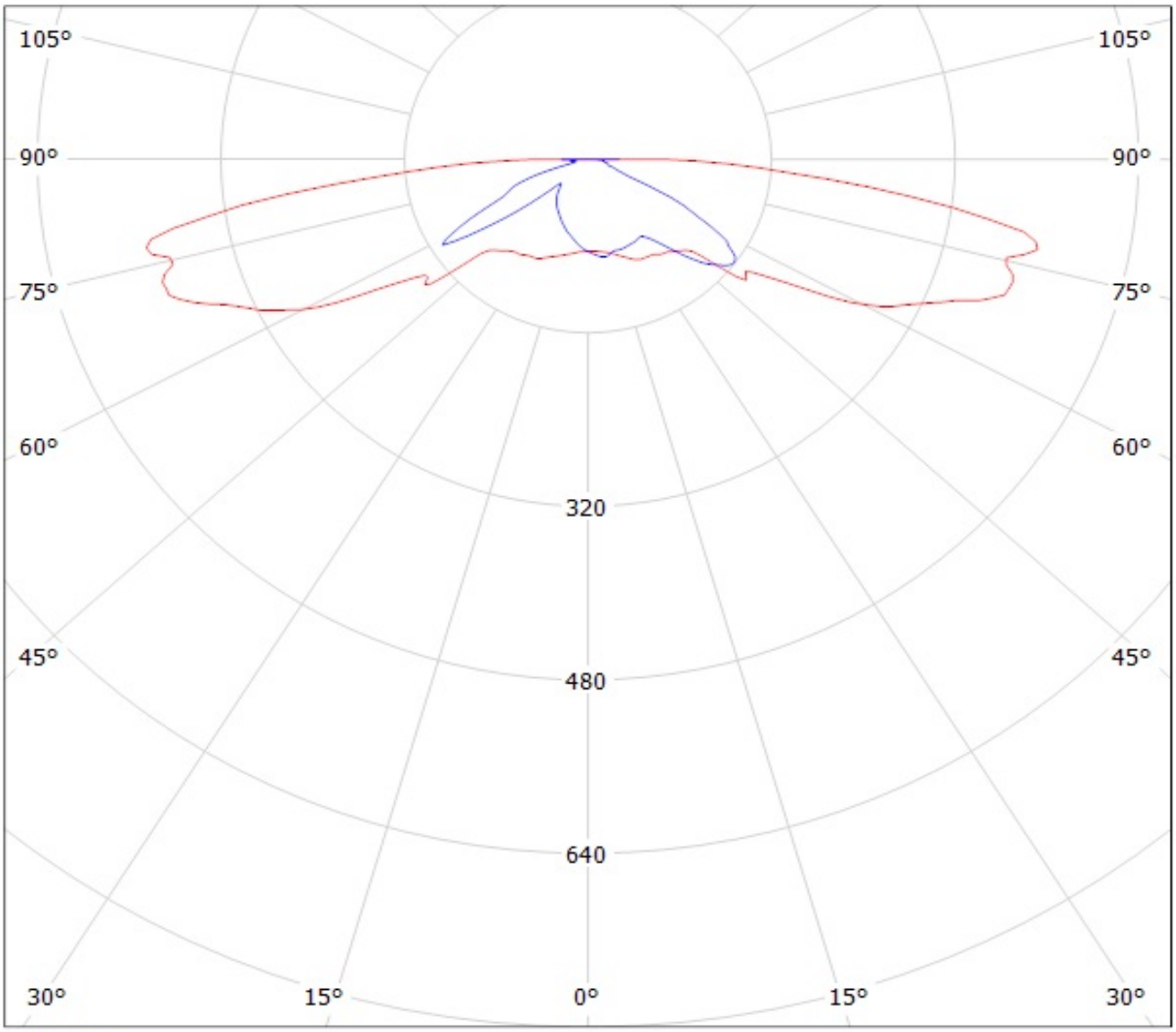


cd/klm

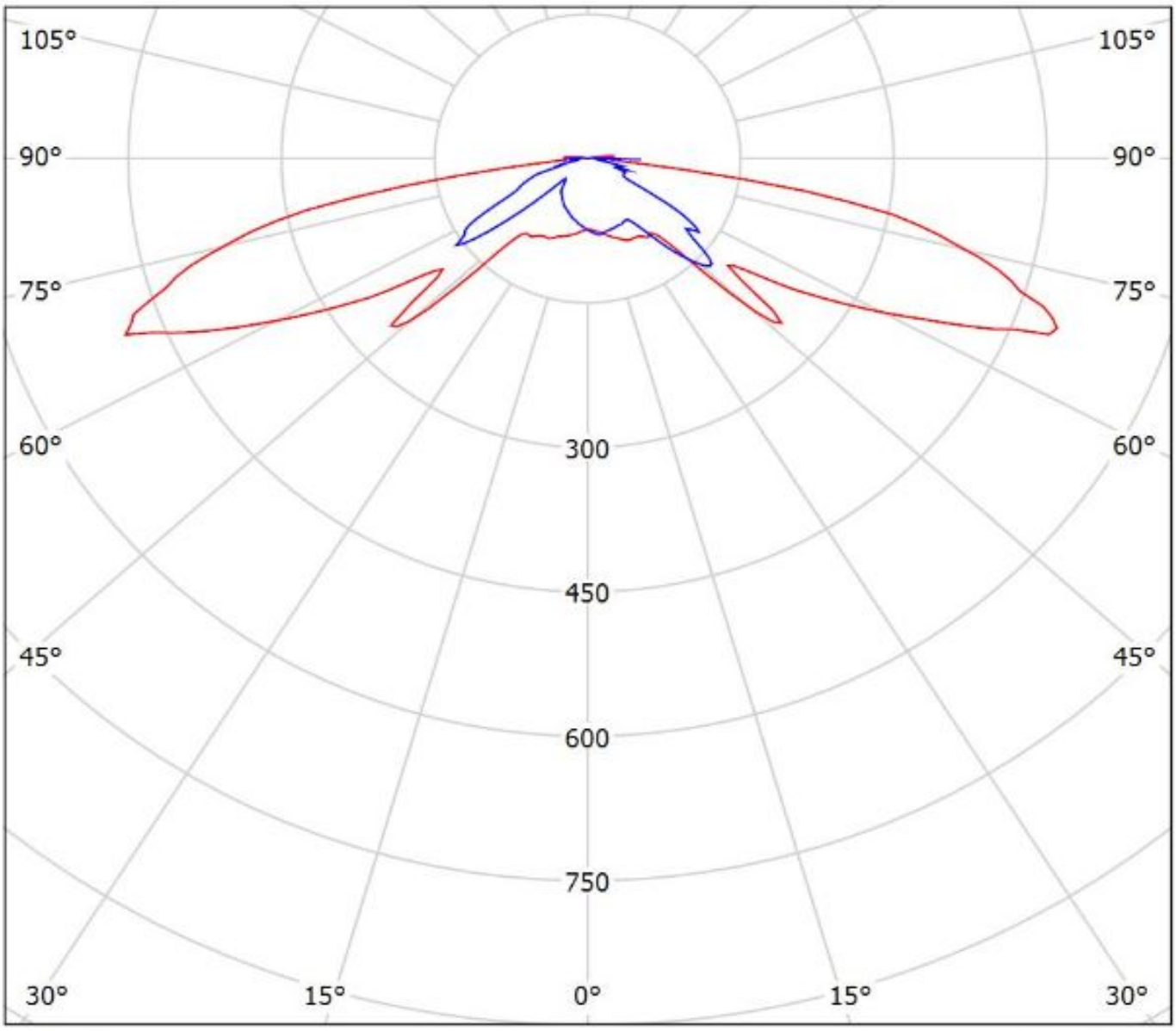
η = 94%

C0 - C180 C90 - C270

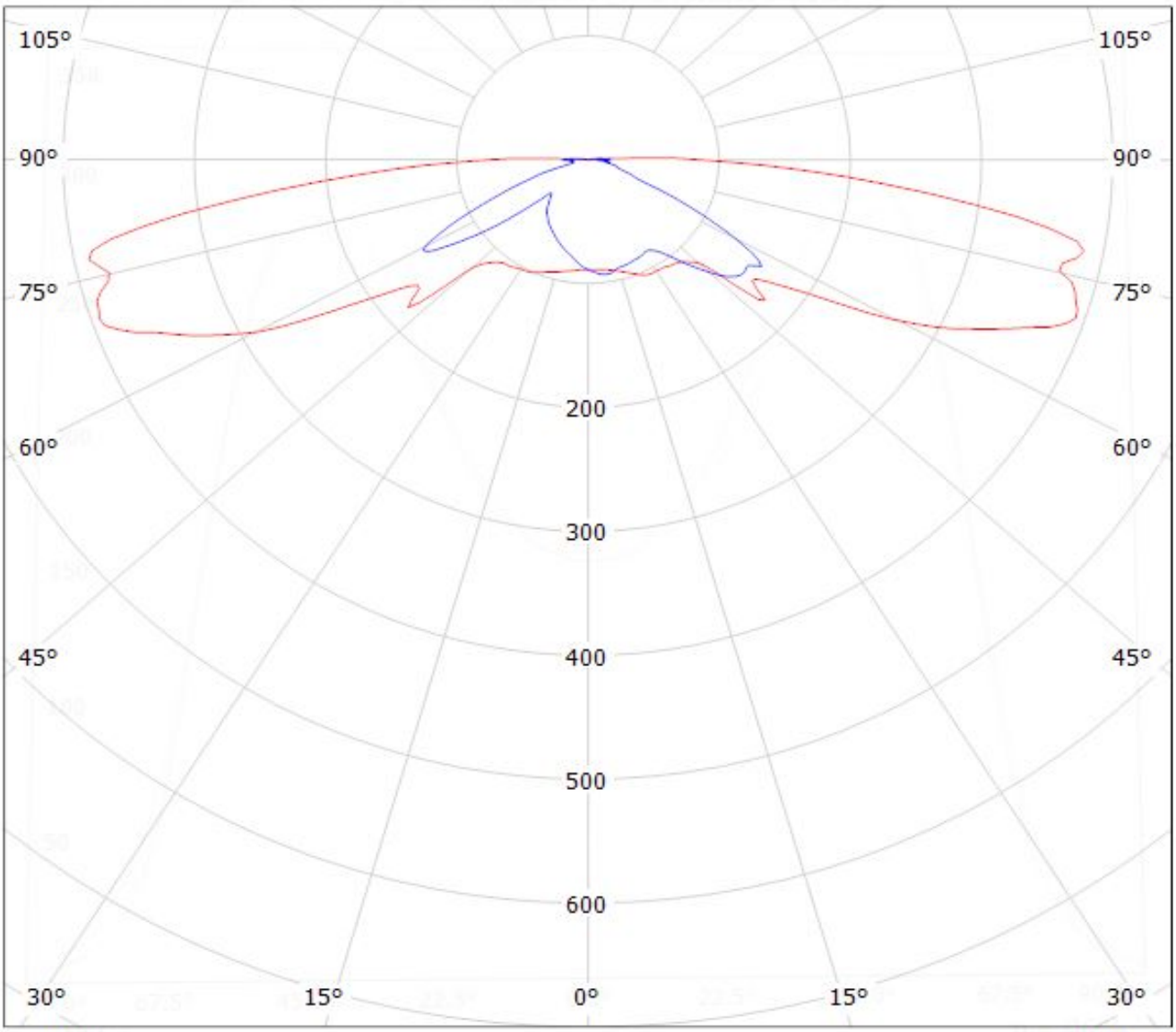
Luminaire: LEDiL Oy C13858_STRADA-2X2-XW_(NVS19B)_3 Eff.93.4%
Lamps: 1 x NICHA_NVS19B_(NVSL219BE)_308.045lm@250mA_P=2.8781W_I=249.9mA



Luminaire: LEDiL Oy C13858_STRADA-2X2-XW_(E21A)
Lamps: 1 x Nichia_E21A_452.248lm@250mA_2.805W_I=0.250A



Luminaire: LEDiL Oy C13858_STRADA-2X2-XW_(NVSW319AE)
Lamps: 1 x Nichia_NVSW319AE_499.093lm@250mA_P=2.79052W_I=0.25A

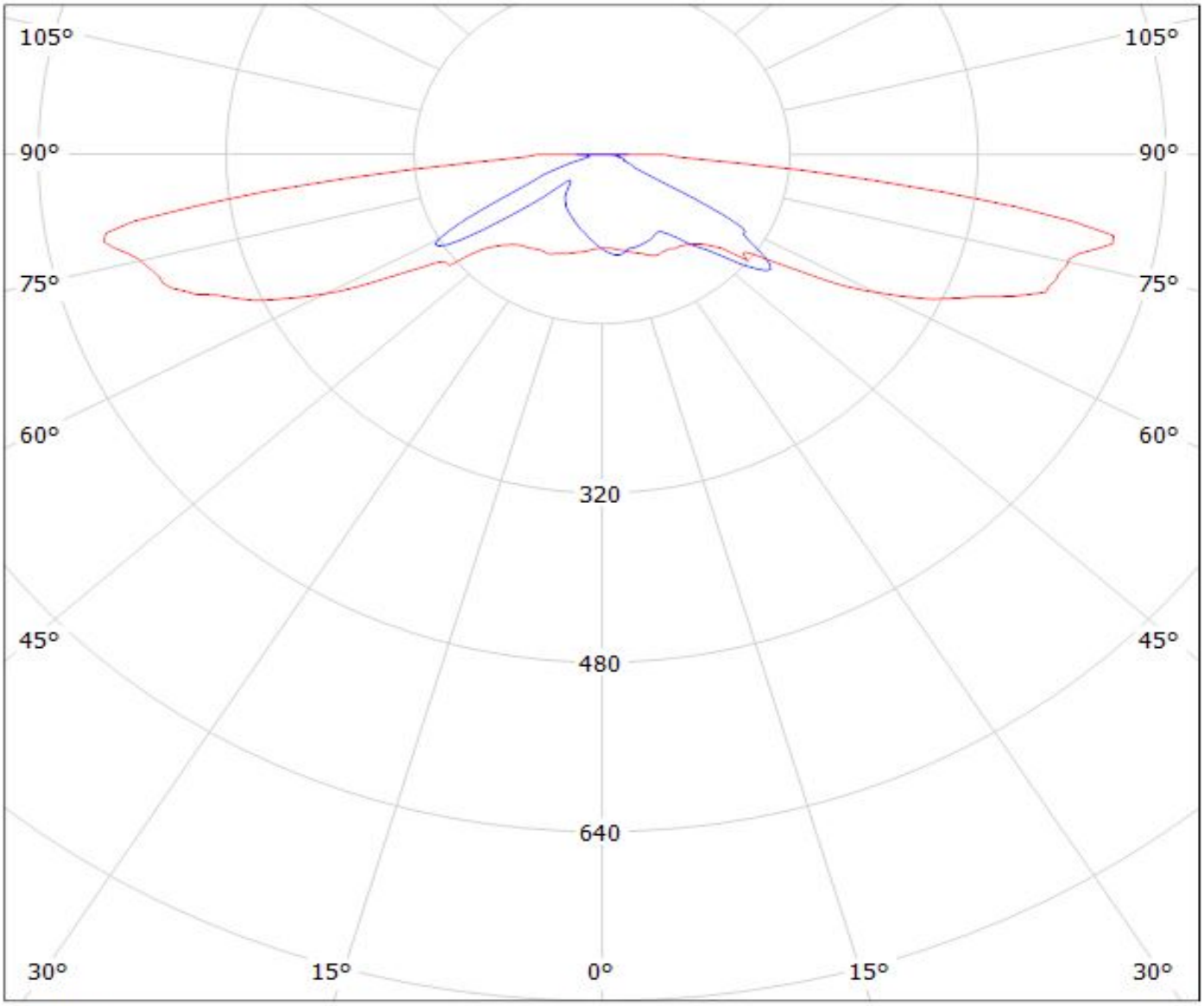


cd/klm

η = 96%

C0 - C180 C90 - C270

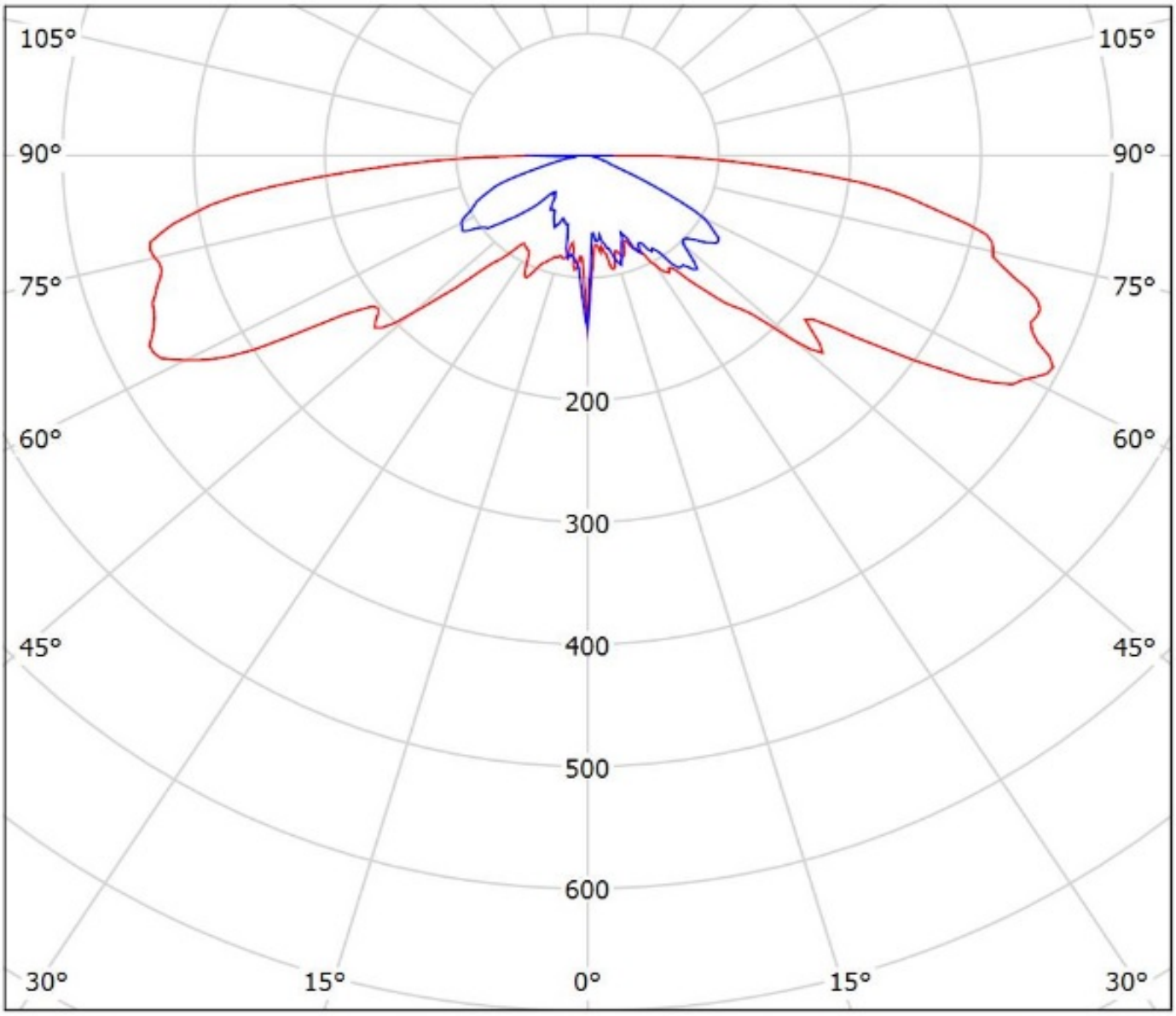
Luminaire: LEDiL Oy C13858_STRADA_2x2_XW Eff.93.6%
Lamps: 1 x SQ-PC_2x2_(LCW-CQAR.PC-MSMU-5H71-1)_389.046lm@250mA_P=2.96831W_I=249.9mA



cd/klm

η = 94%

Luminaire: Ledil Oy C13858STRADA-2X2-XW_(Duris_S8_Gen2)_SIMULATED
Lamps: 1 x OSRAM_DURIS S8 GEN2 5050 package

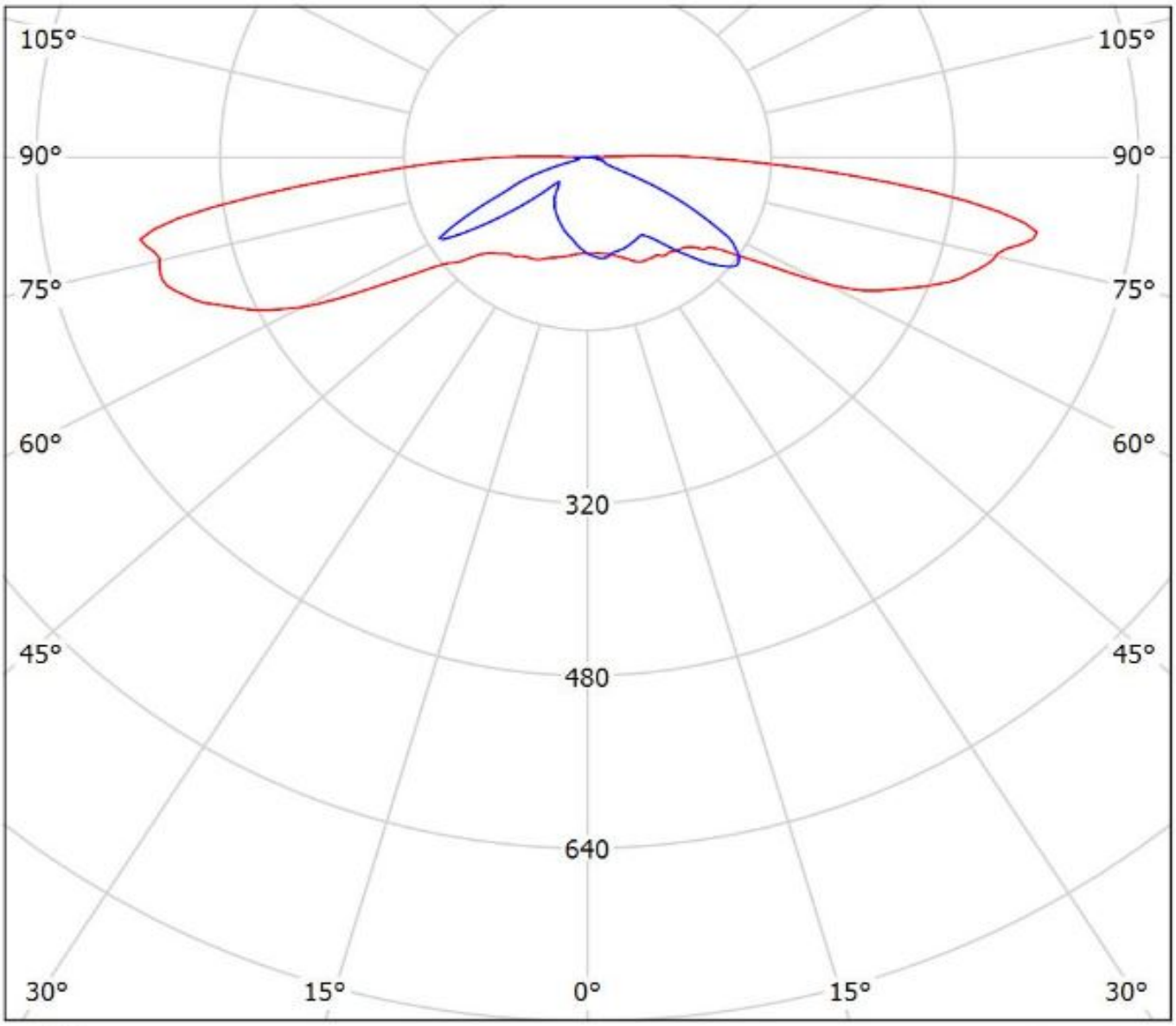


cd/klm

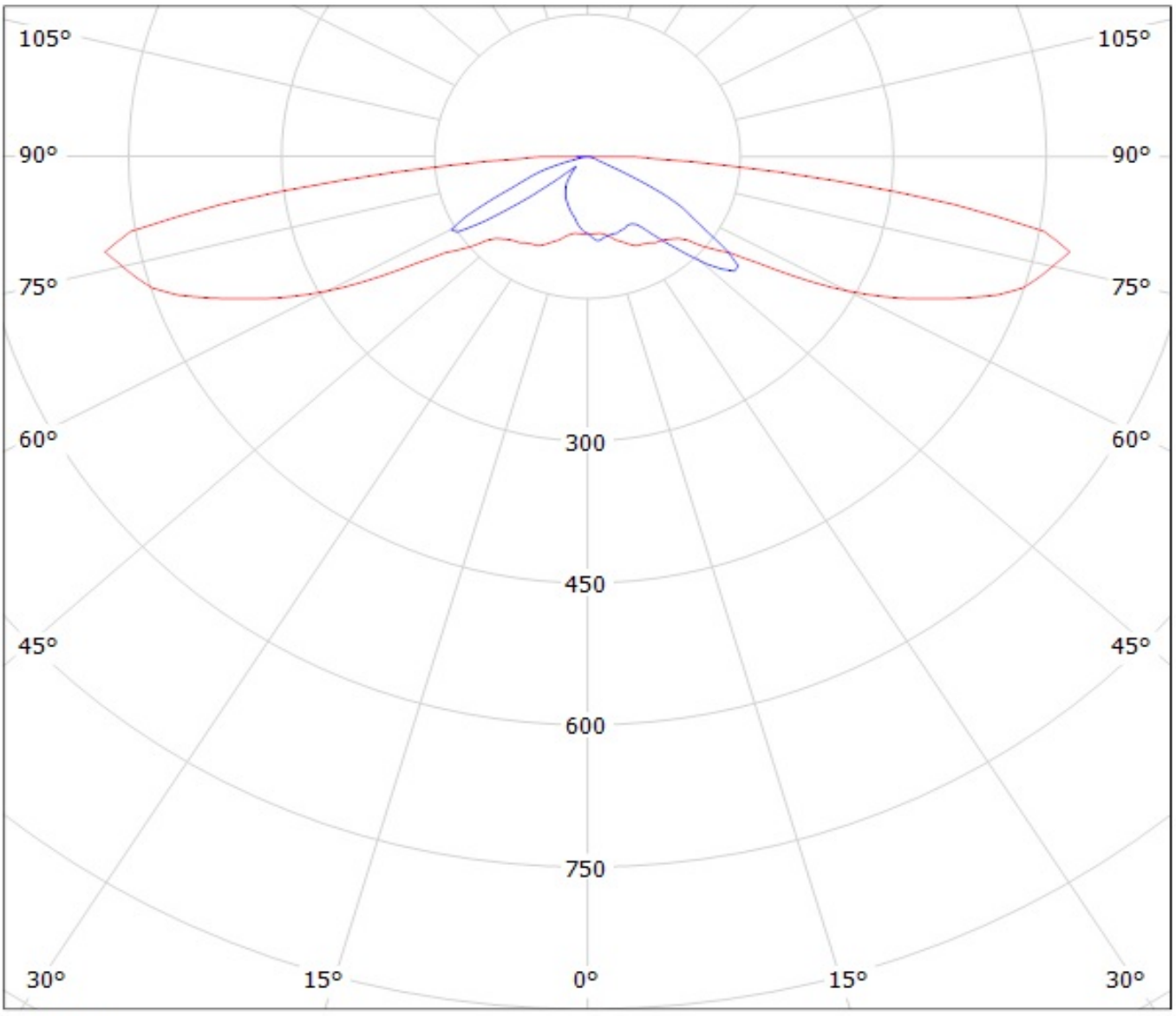
η = 87%

C0 - C180 C90 - C270

Luminaire: Ledil C13858_STRADA-2X2-XW_(LH351B)
Lamps: 1 x Samsung_LH351B_2x2_444.178lm@250mA_P=2.8535W_I=0.25A

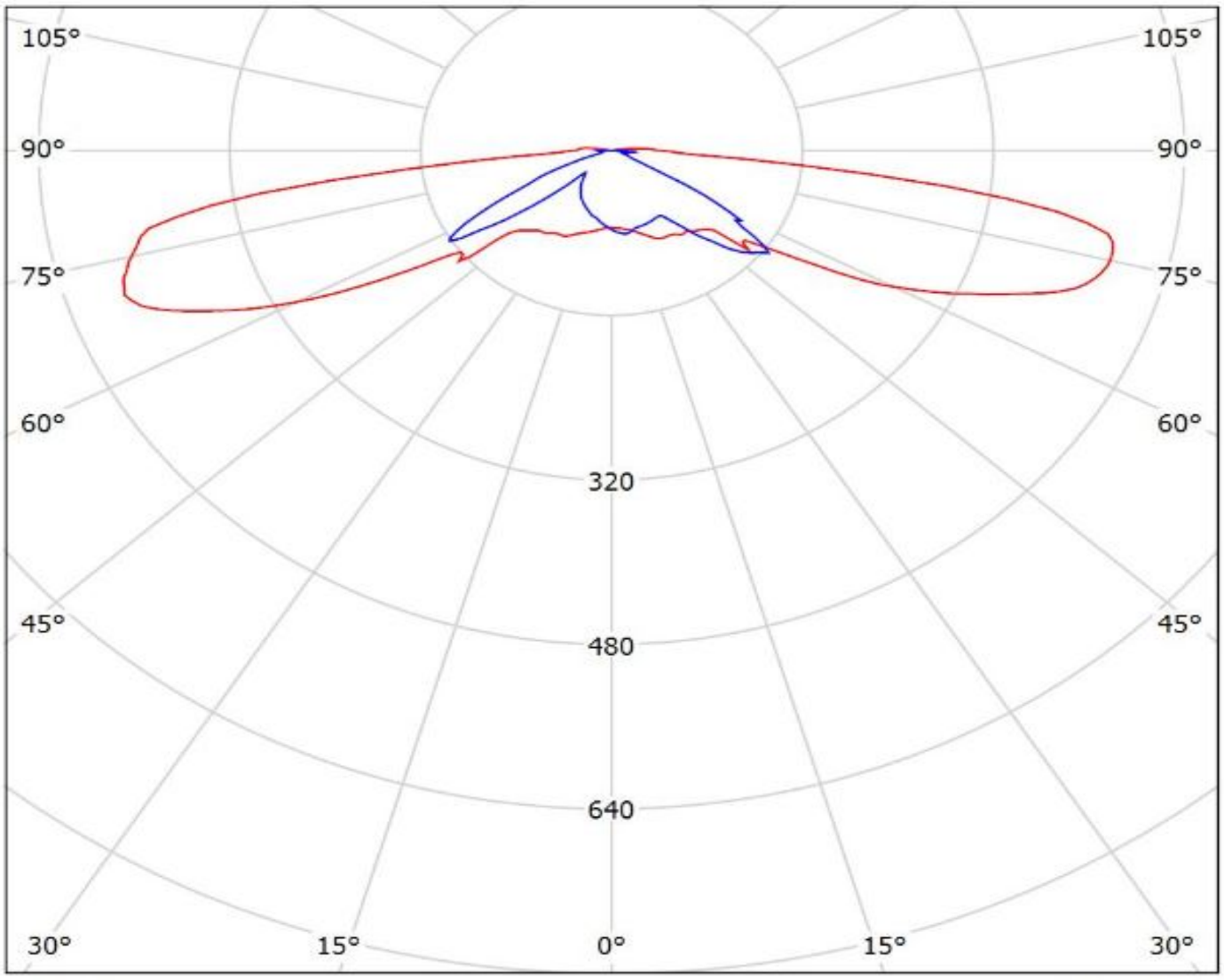


Luminaire: LEDil Oy C13858_STRADA-2X2-XW_(Z5M1) Efficiency=94%
Lamps: 1 x Seoul Z5M1 (SZ5-M1-WN-C8) 379lm @ 250mA CCT=4600K P=2.9W I=250mA



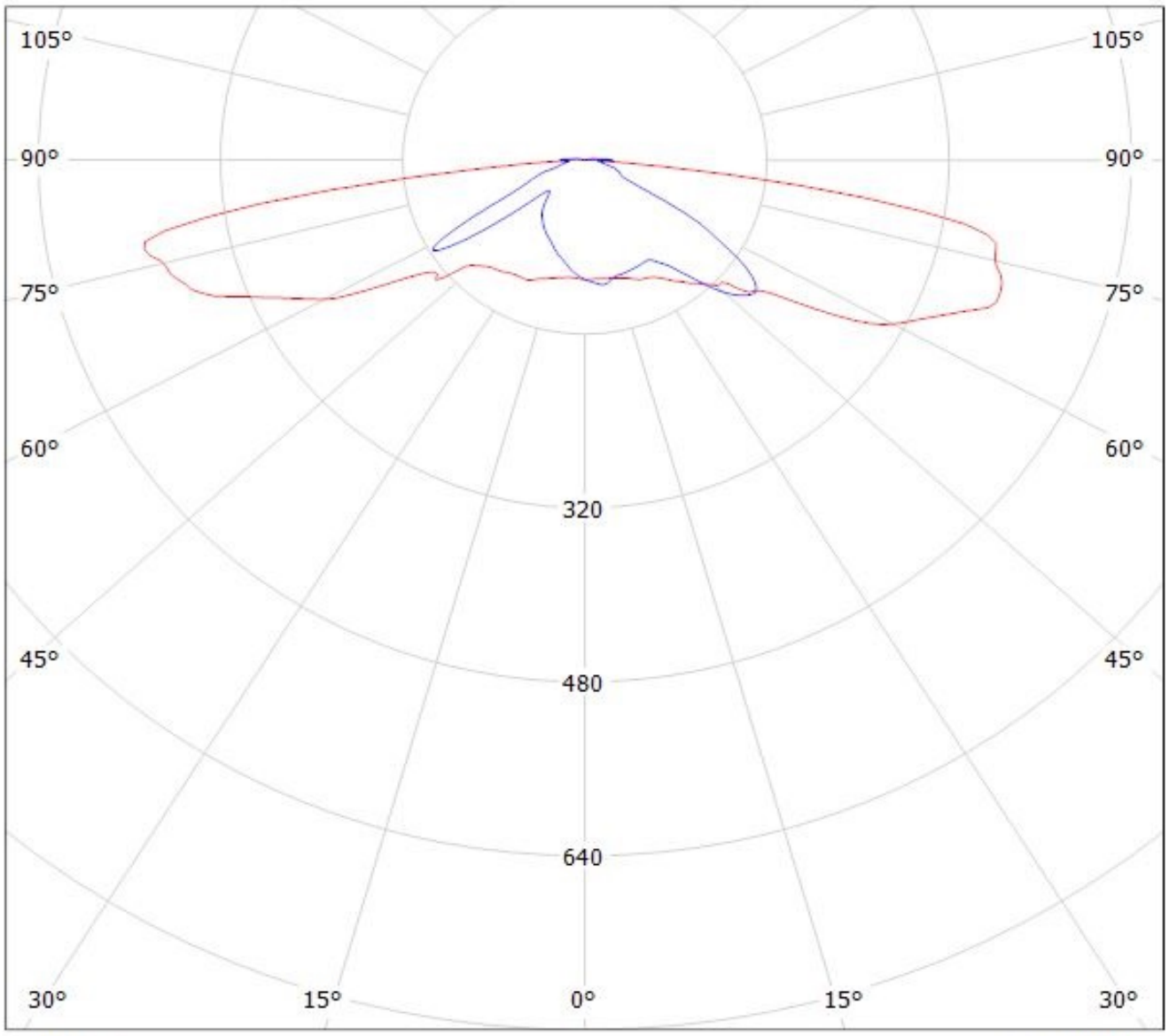
Ledil C13858_STRADA-2X2-XW_(TL1L4) / LDC (Polar)

Luminaire: Ledil C13858_STRADA-2X2-XW_(TL1L4)
Lamps: 1 x Toshiba_TL1L4_2x2_(TL1L4-DW0)_472.639lm@250mA_CCT=6500K_P=2.9W_I=0.25A



cd/klm
C0 - C180
C90 - C270
η = 90%

Luminaire: LEDiL Oy C13858_STRADA-2X2-XW_(Tridonic_Module_RLE_G1)
Lamps: 1 x Tridonic_Module_RLE_G1_4576.03lm@700mA_P=32.0681W_I=0.700A

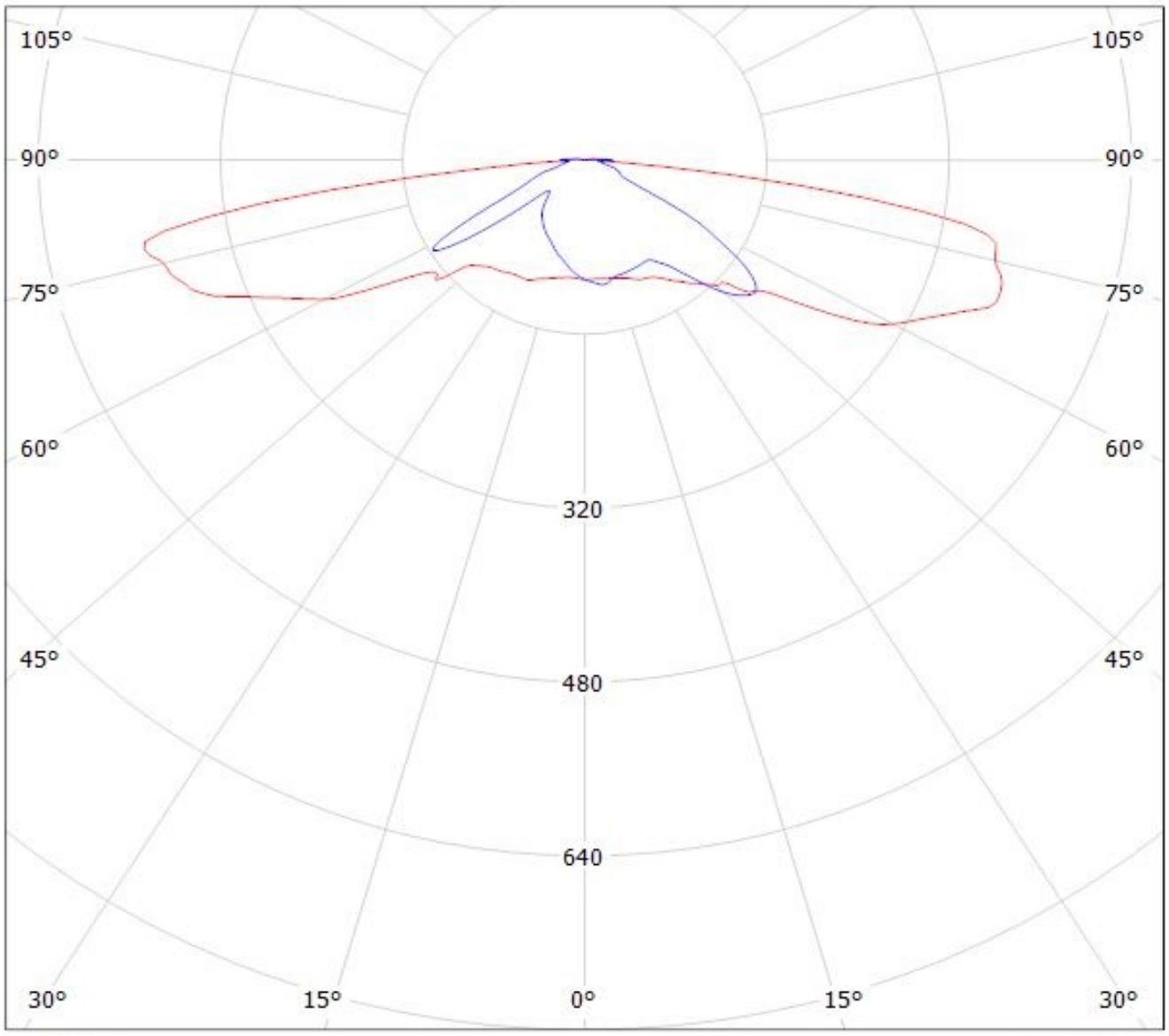


cd/klm

η = 94%

C0 - C180 C90 - C270

Luminaire: LEDiL Oy C13858_STRADA-2X2-XW_(Tridonic_Module_RLE_G1)
Lamps: 1 x Tridonic_Module_RLE_G1_4576.03lm@700mA_P=32.0681W_I=0.700A

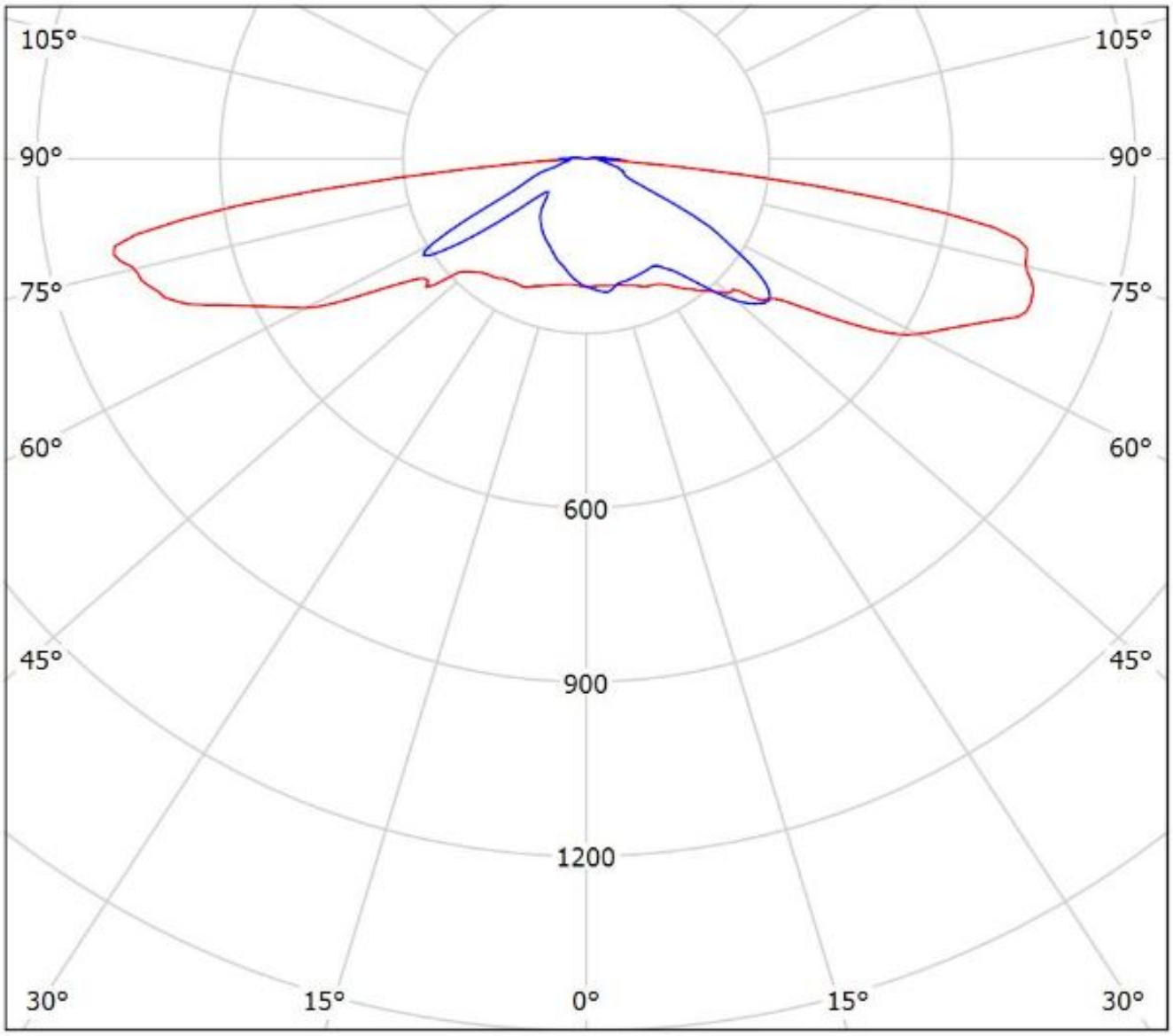


cd/klm

η = 94%

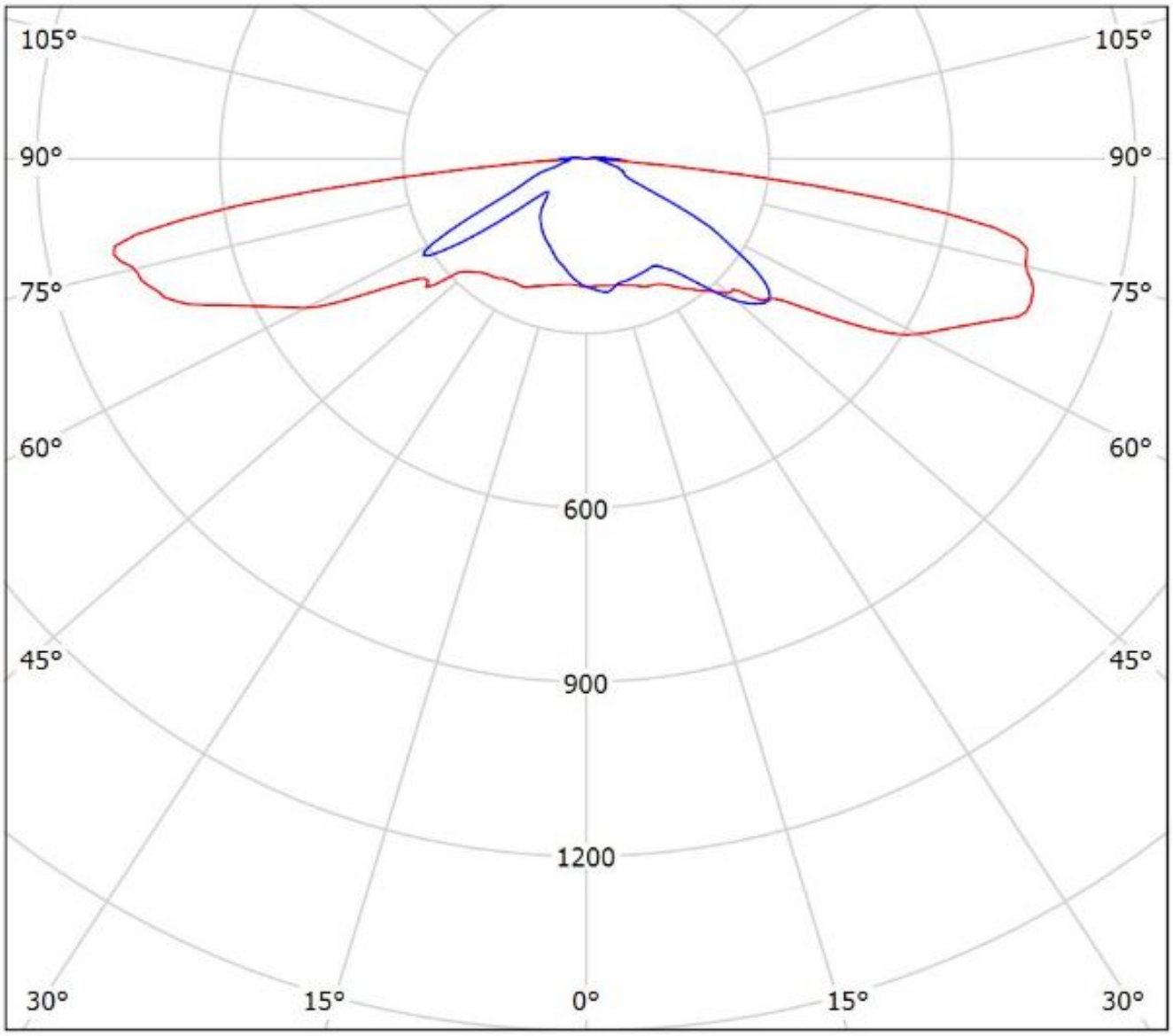
C0 - C180 C90 - C270

Luminaire: LEDiL Oy C13858_STRADA-2X2-XW_(Tridonic_Module_RLE_G1)
Lamps: 1 x Tridonic_Module_RLE_G1_2288lm@700mA_P=16W_I=0.700A



cd/klm
η = 194%
C0 - C180
C90 - C270

Luminaire: LEDiL Oy C13858_STRADA-2X2-XW_(Tridonic_Module_RLE_G1)
Lamps: 1 x Tridonic_Module_RLE_G1_2288lm@700mA_P=16W_I=0.700A



cd/klm
η = 194%
C0 - C180
C90 - C270

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.