

DETAILS

Product Number	C13699_STRADA-2X2-DN
Family	Strada
Type	Lens array
Color	clear
Diameter	50 x 50 mm
Height	8,05 mm
Style	square
Optic Material	PMMA
Holder Material	
Fastening	pin, screw
Status	production ready
ROHS Compliant	Yes
Date Updated	21/04/2016



OPTICAL PROPERTIES

LED	Viewing Angle	Light Beam	Efficiency	cd/lm	Connector
XM-L	Asymmetric deg	Asymmetric	94 %	0.700	-
XT-E	asymmetric deg	Asymmetric	94 %	0.670	-
XM-L2	sim: Asymmetric	Asymmetric	sim: 94 %	-	-
XP-L	Asymmetric deg	Asymmetric	94 %	0.620	-
XP-L HI	Asym deg	Asymmetric	94 %	0.760	-
XP-G2	Asymmetric deg	Asymmetric	94 %	0.760	-
XP-L2	Asymmetric deg	Asymmetric	94 %	0.560	-
H35C1 (LEMWA33)	Asymmetric deg	Asymmetric	94 %	0.730	-
LUXEON T	sim: Asymmetric	Asymmetric	-	-	-
LUXEON Q	asymmetric deg	Asymmetric	94 %	0.700	-
LUXEON TX	asymmetric deg	Asymmetric	94 %	0.750	-
LUXEON MZ	Asymmetric deg	Asymmetric	94 %	0.610	-
NVSxx19B/NVSxx19C	sim: Asym	Asymmetric	sim: 94 %	sim: 0.718	-
NVSxE21A	asym deg	Asymmetric	94 %	1.500	-
NVSW3x9A	Asymmetric deg	Asymmetric	94 %	0.620	-
Oslon Square PC	asymmetric deg	Asymmetric	94 %	0.750	-
Oslon Square Gen3	sim: Asymmetric	Asymmetric	sim: 93 %	sim: 0.800	-
Duris S8	sim: Asymmetric	Asymmetric	sim: 93 %	sim: 0.640	-
Fortimo FastFlex LED board 2x8 DA G4	Asymmetric deg	Asymmetric	sim: 94 %	0.780	-
LH351B	Asymmetric deg	Asymmetric	94 %	0.720	-
LH351D	sim: asym	Asymmetric	sim: 93 %	0.640	-
Z5M1/Z5M2	asymmetric deg	Asymmetric	94 %	0.800	-
TL1L3	Asymmetric deg	Asymmetric	94 %	0.640	-
TL1L4	Asymmetric deg	Asymmetric	91 %	0.720	-
RLE G1 49x223mm 4000lm xxx EXC OT	Asymmetric deg	Asymmetric	94 %	0.790	-



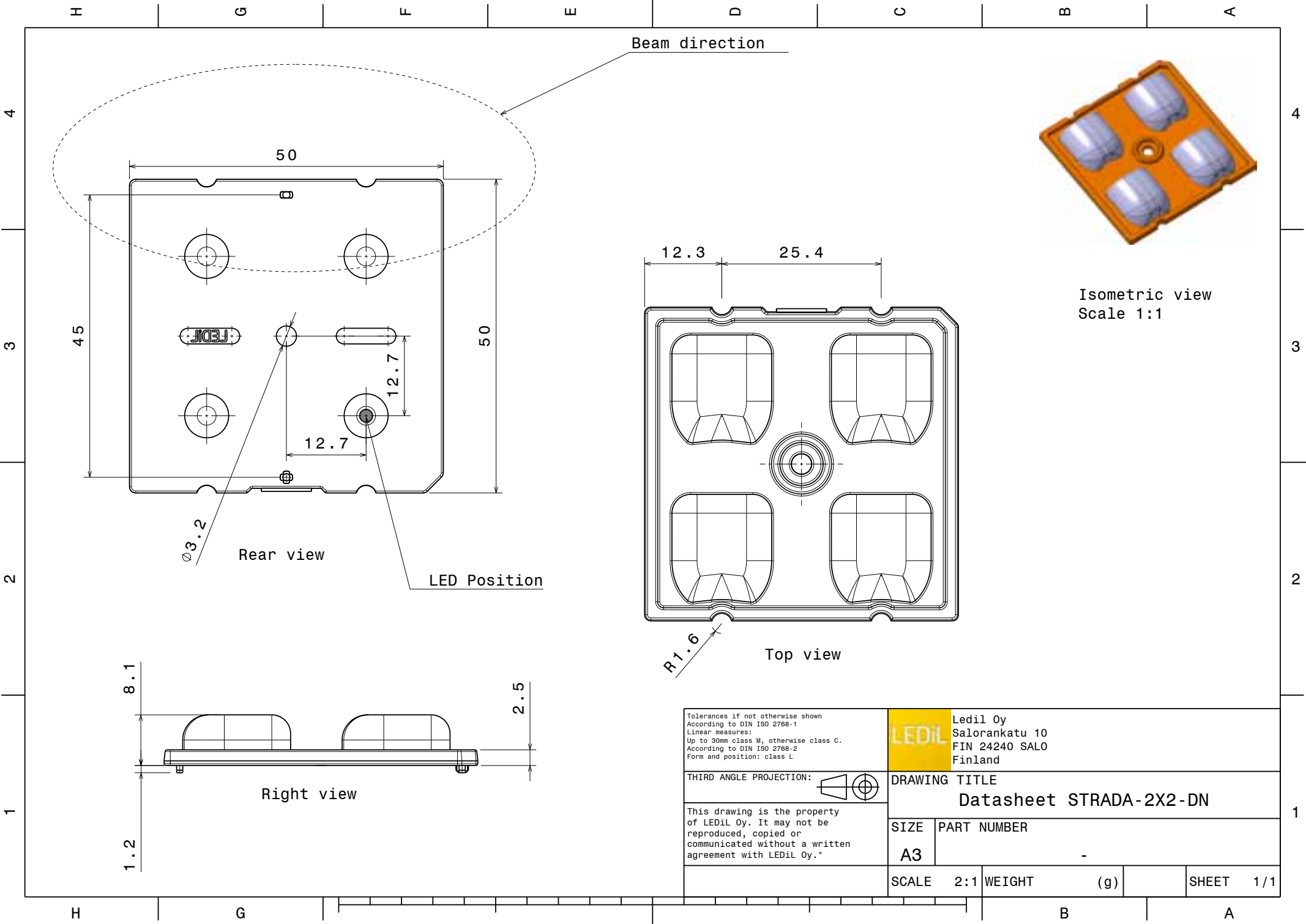
PRODUCT DATASHEET

Strada series

last update 21/4/2016

OPTICAL PROPERTIES

LED	Viewing Angle	Light Beam	Efficiency	cd/lm	Connector
RLE G1 49x245mm 4000lm xxx EXC OT	Asymmetric deg	Asymmetric	94 %	0.790	-
RLE G1 49x121mm 2000lm xxx EXC OT	Asymmetric deg	Asymmetric	94 %	0.790	-
RLE G1 49x133mm 2000lm xxx EXC OT	Asymmetric deg	Asymmetric	94 %	0.790	-



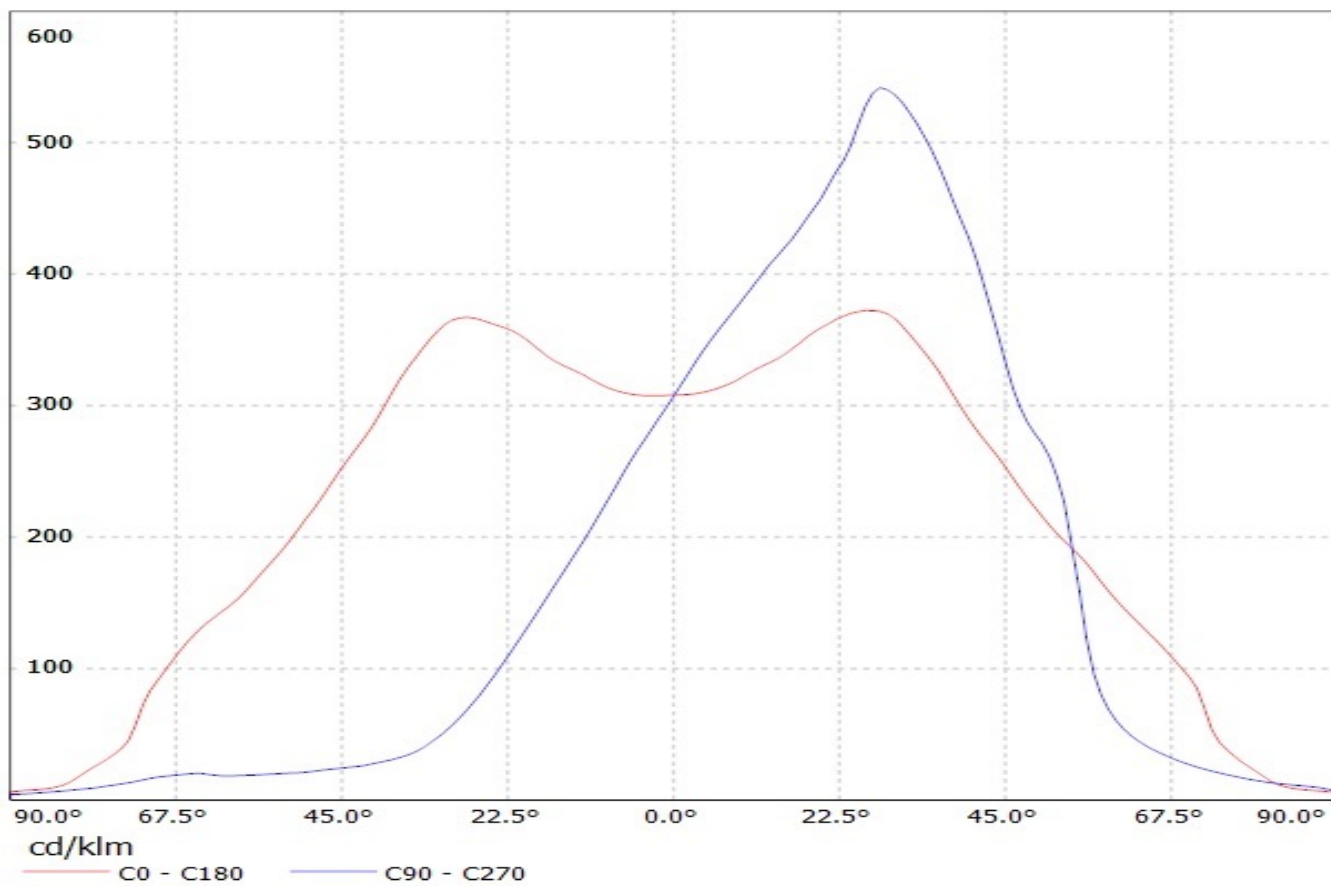
Tolerances if not otherwise shown
 According to DIN ISO 2768-1
 Linear measures:
 Up to 30mm class M, otherwise class C.
 According to DIN ISO 2768-2
 Form and position: class L

THIRD ANGLE PROJECTION:

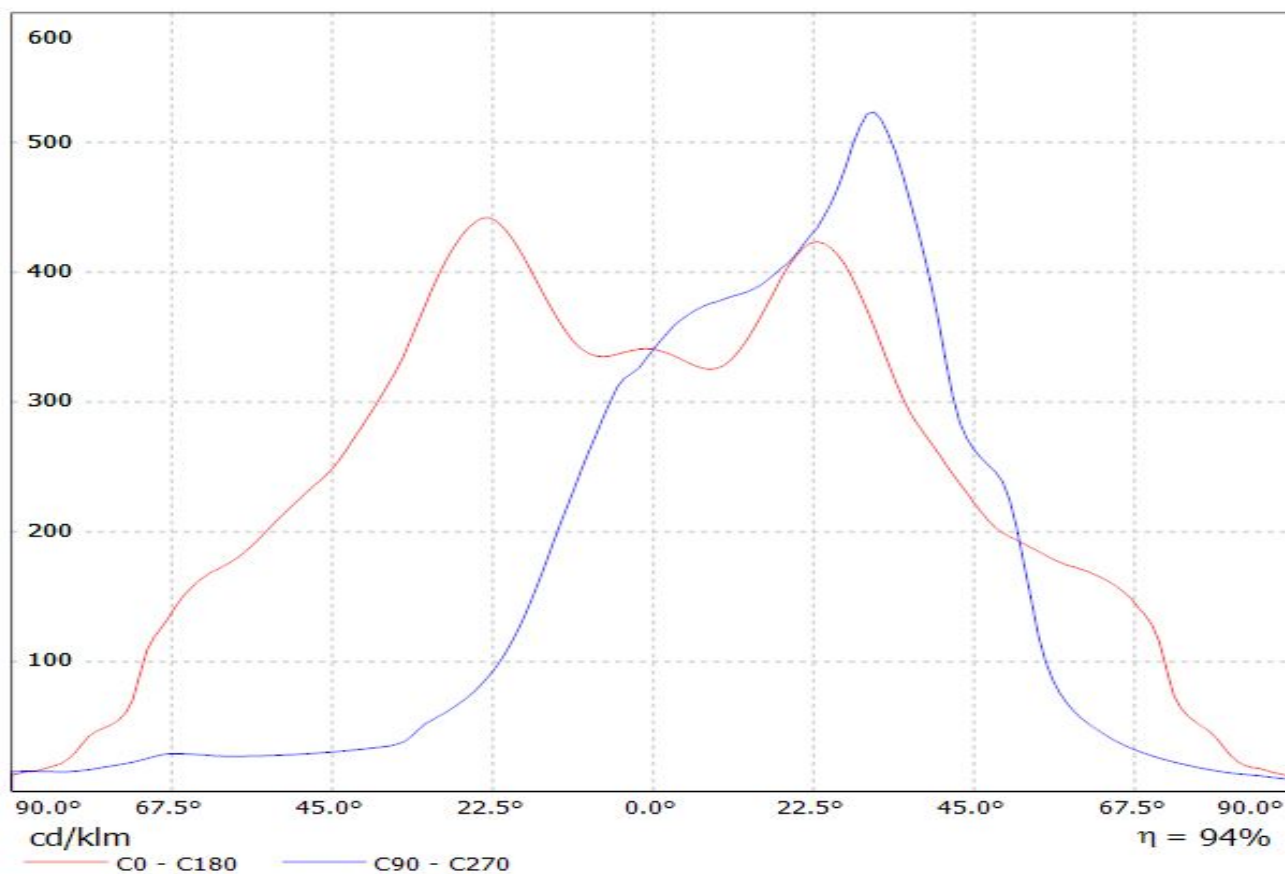
This drawing is the property of LEDiL Oy. It may not be reproduced, copied or communicated without a written agreement with LEDiL Oy."

LEDiL		Ledil Oy Salorankatu 10 FIN 24240 SALO Finland	
DRAWING TITLE Datasheet STRADA-2X2-DN			
SIZE A3	PART NUMBER -		
SCALE 2:1	WEIGHT (g)	SHEET 1/1	

Luminaire: LEDiL Oy C13699_STRADA-2X2-DN_(XM-L)
Lamps: 1 x CREE_XM-L_355.387lm@250mA

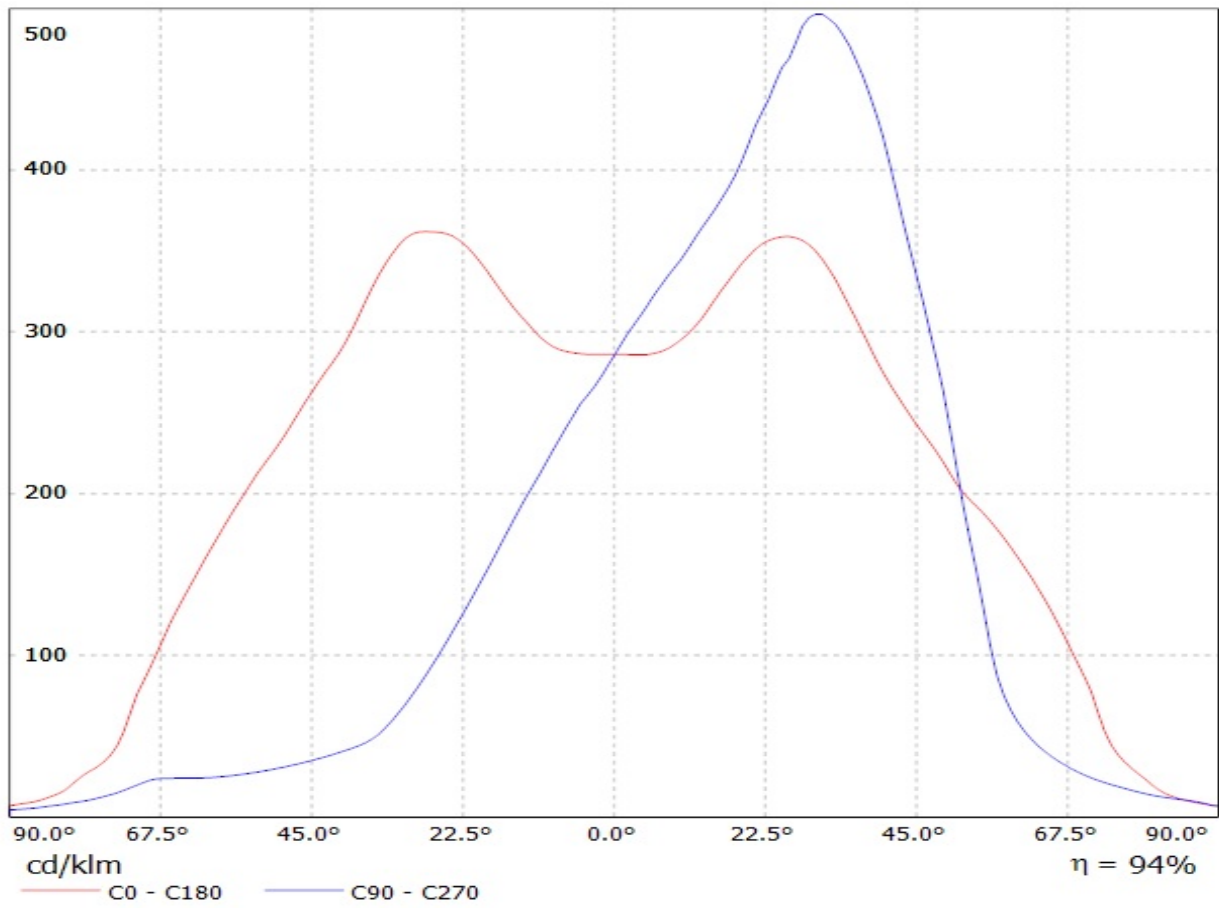


Luminaire: LEDiL Oy C13699_STRADA-2x2-DN_(XT-E) Eff. 94%
Lamps: 1 x CREE_XT-E_2x2_393lm@250mA

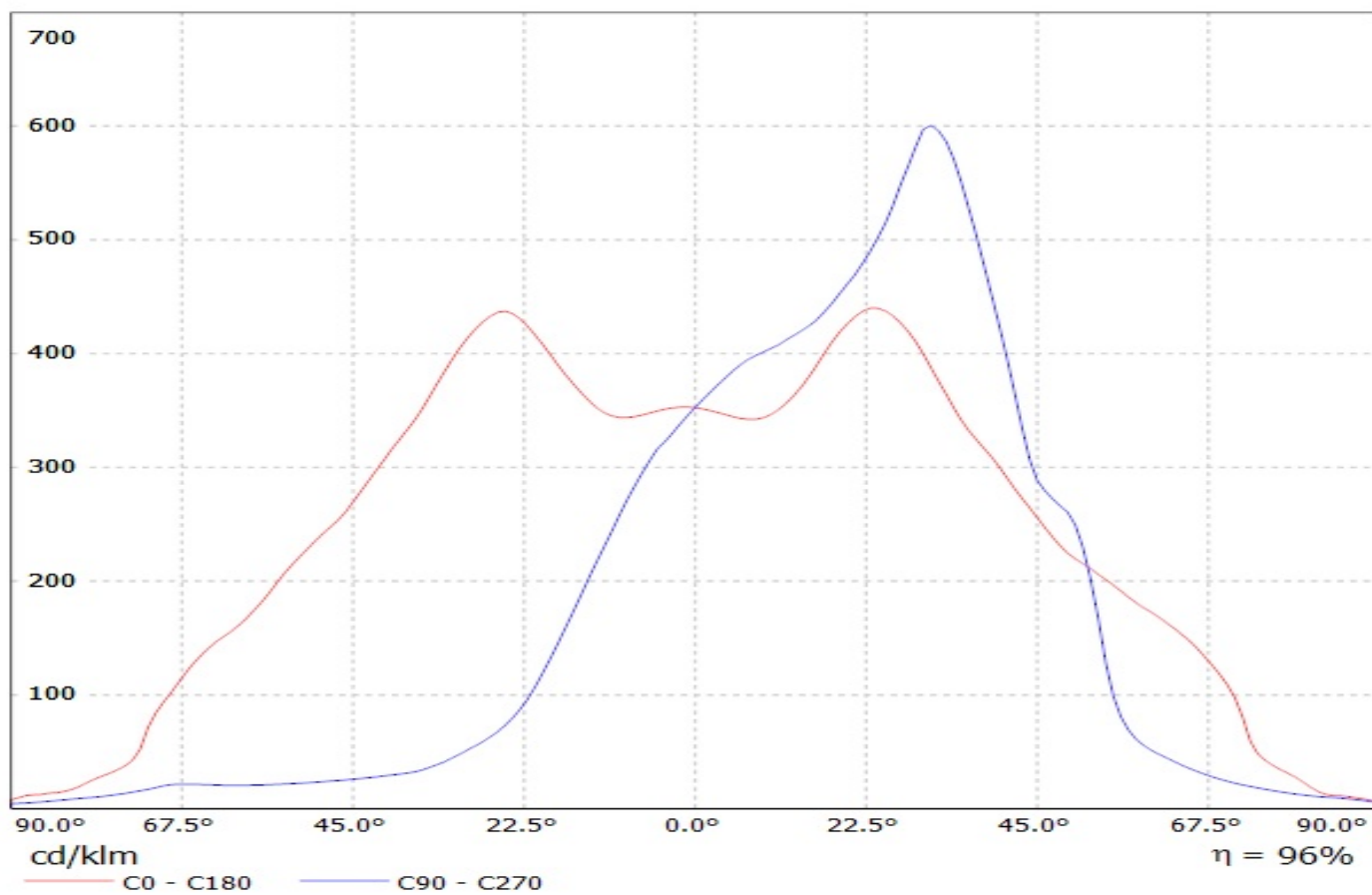


Luminaire: LEDiL Oy C13699_STRADA-2x2-DN_(XP-L)

Lamps: 1 x CREE_XP-L_2x2_(XPLAWT-0-1B0-V40-00-0001)_516.55lm@250mA_CCT=7600K_P=2.79963W_I=249.9mA

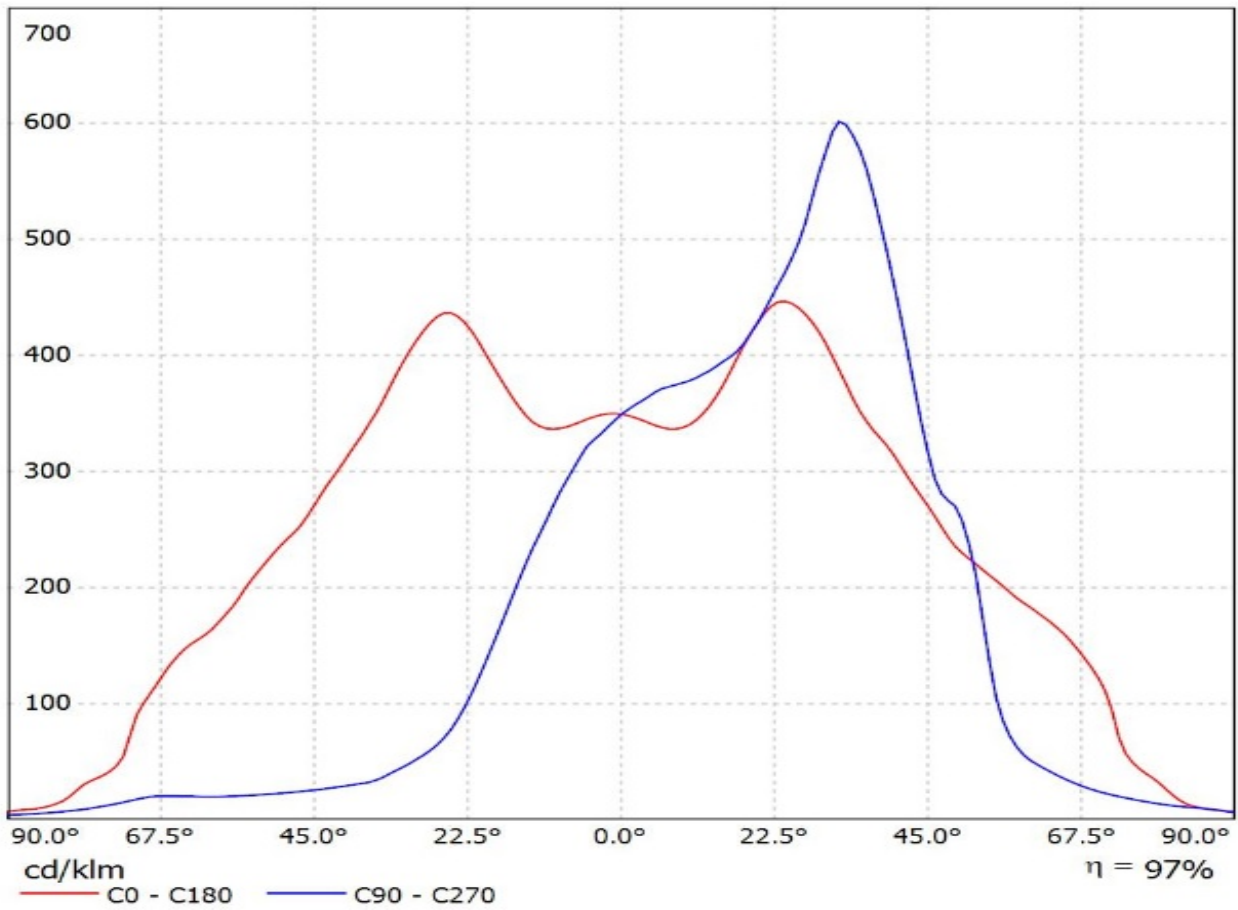


Luminaire: LEDiL Oy C13699_STRADA-2X2-DN_(XP-L_HI)
Lamps: 1 x Cree_XP-L_HI_(2x2)_(XPLAWT-H-5A3-U60-013-0001)
_455.077lm@250mA_P=2.84011W_I=0,2499A



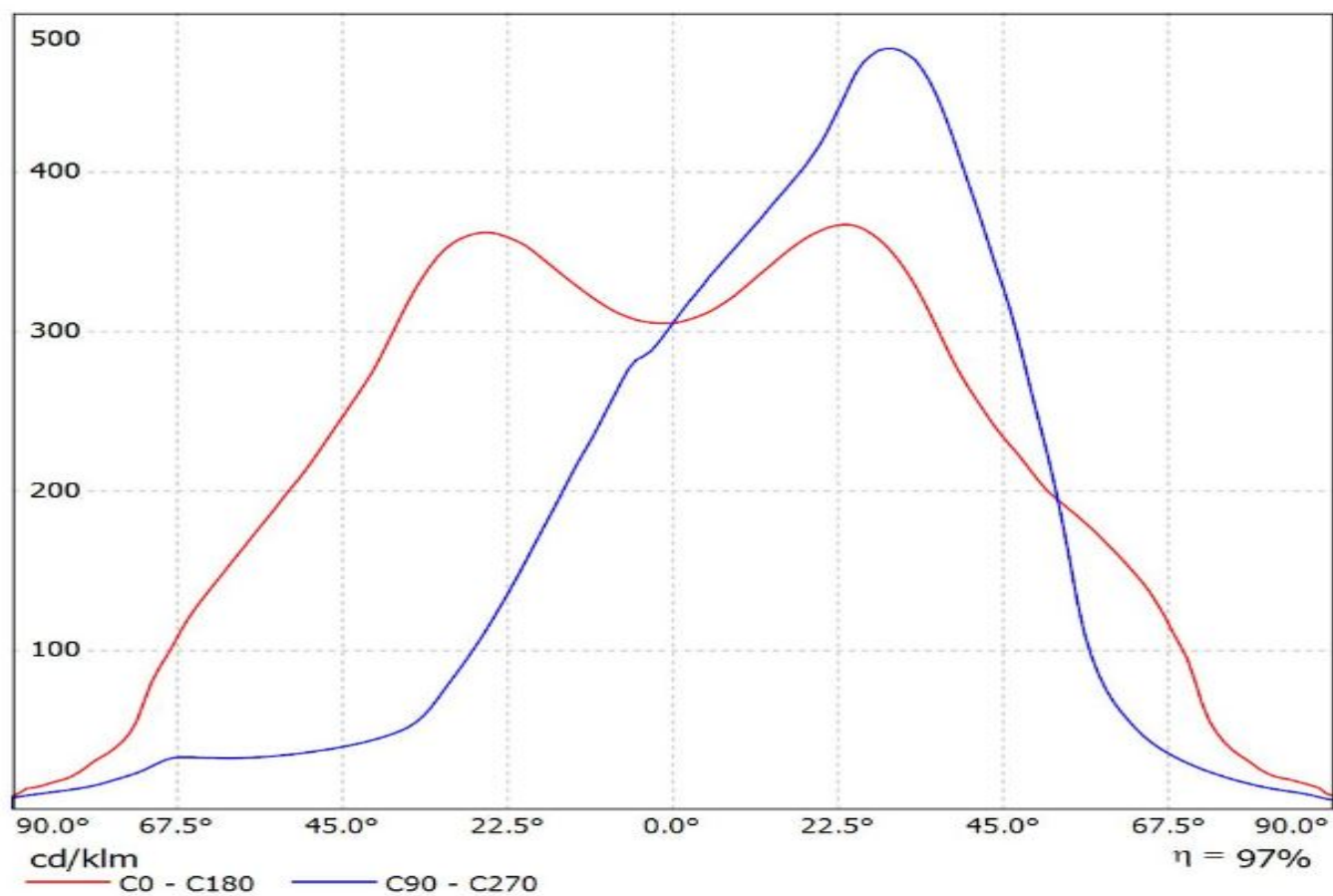
Luminaire: LEDiL Oy C13699_STRADA-2X2-DN_(XP-G2)

Lamps: 1 x CREE_XP-G2_2x2_(XPGBWT-L1-000-00G51)_403.351lm@250mA_CCT=7181K_P=2.94357W_I=249.9mA

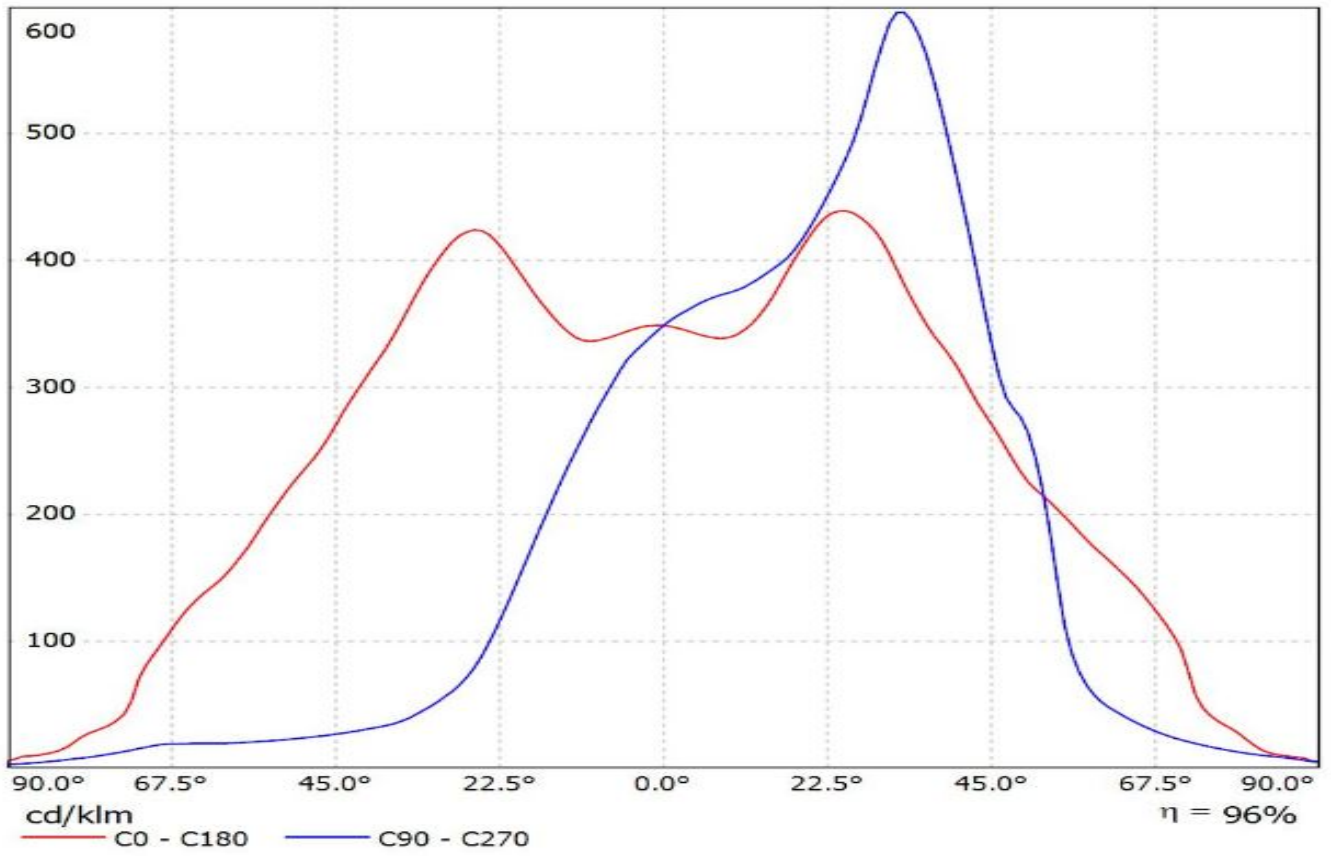


Luminaire: Ledil C13699_STRADA-2X2-DN_(XP-L2)

Lamps: 1 x Cree_XP-L2_2x2_(XPLBWT-00-0000-000BV50E3)550.93lm@250mA_P=2.7815W_I=0.25A

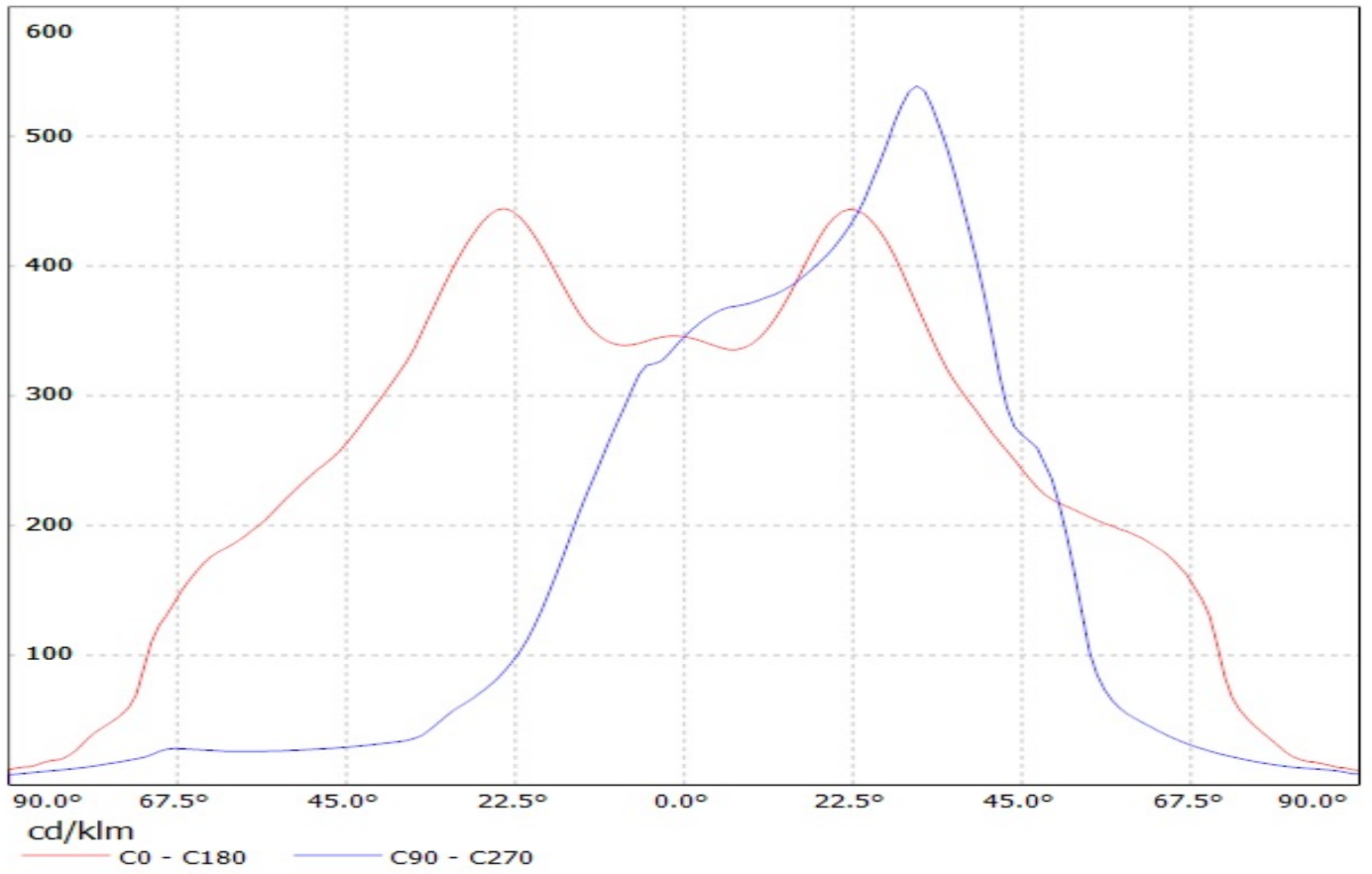


Luminaire: Ledil C13699_STRADA-2X2-DN_(H35C1)
Lamps: 1 x LG_H35C1_2x2_477.216lm@250mA_P=2.87475W_I=0.250A

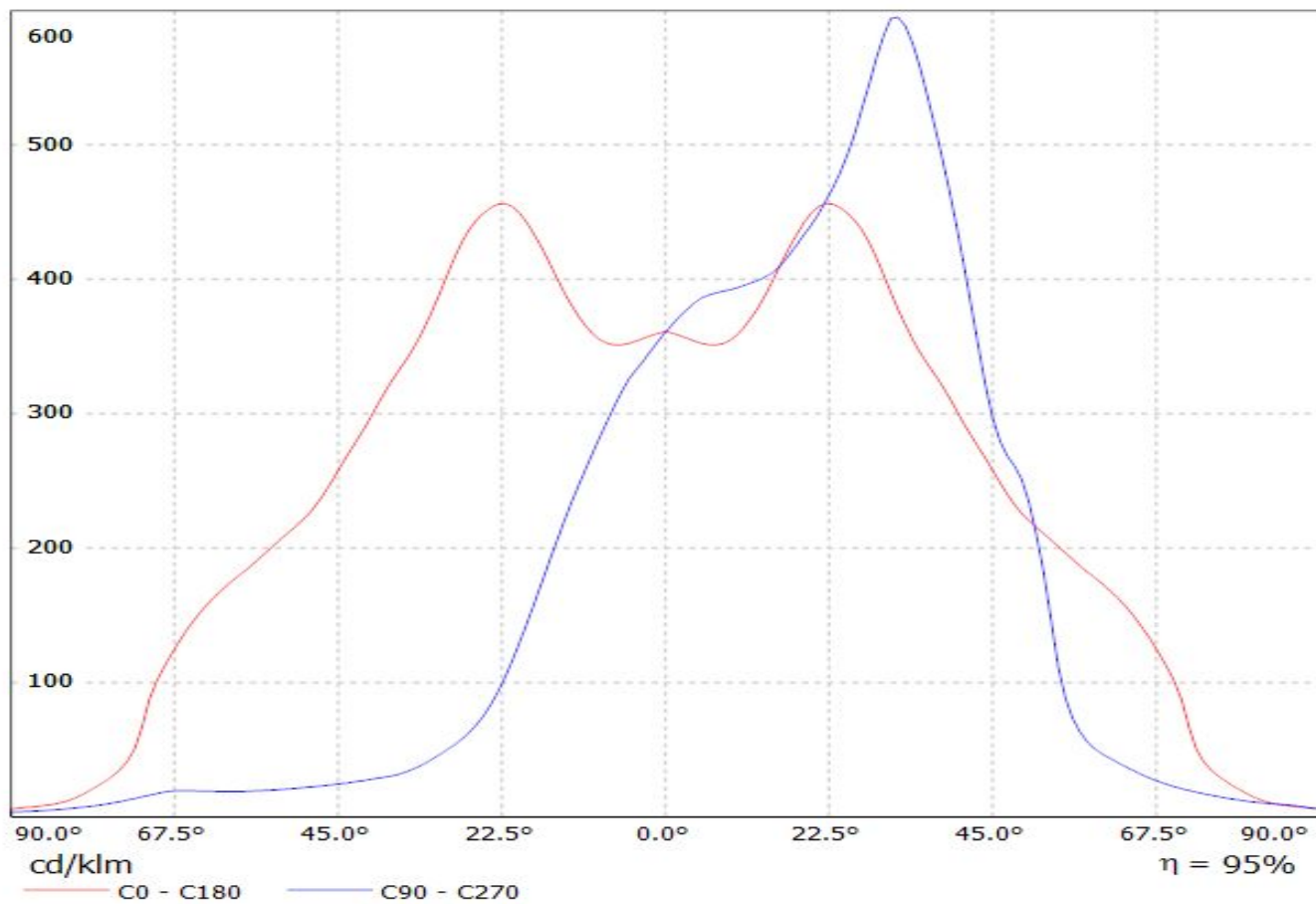


Luminaire: LEDiL Oy C13699_STRADA-2x2-DN_(LUXEON_Q)

Lamps: 1 x LUXEON_Q_2x2_(LHQ-3080)_298.615lm@250mA_P=2.86995W_I=249.8mA

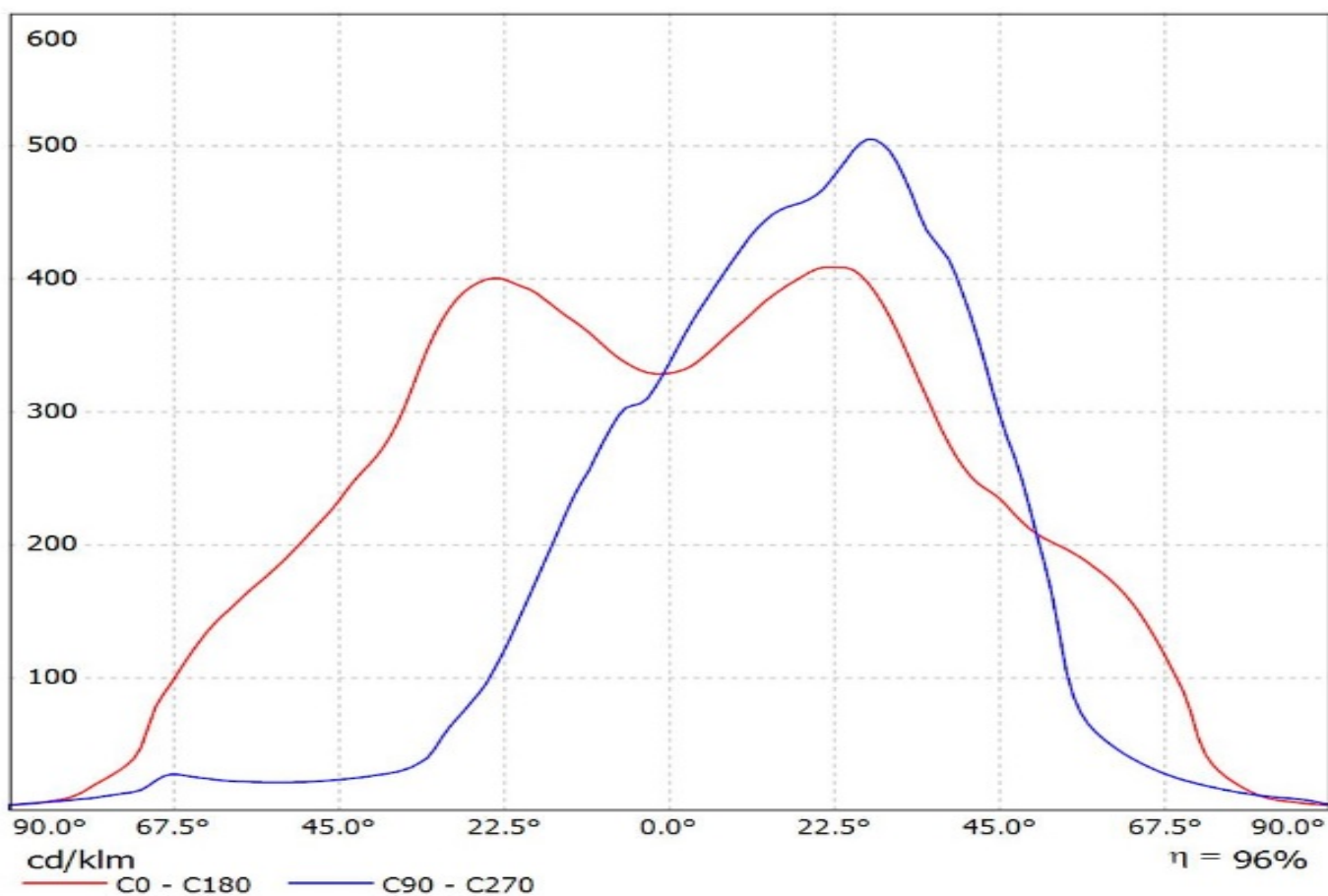


Luminaire: LEDiL Oy C13699_STRADA-2X2-DN_(Luxeon_TX)
Lamps: 1 x Luxeon_TX_2x2_321.384lm@250mA_P=2.79488W_I=249.9mA

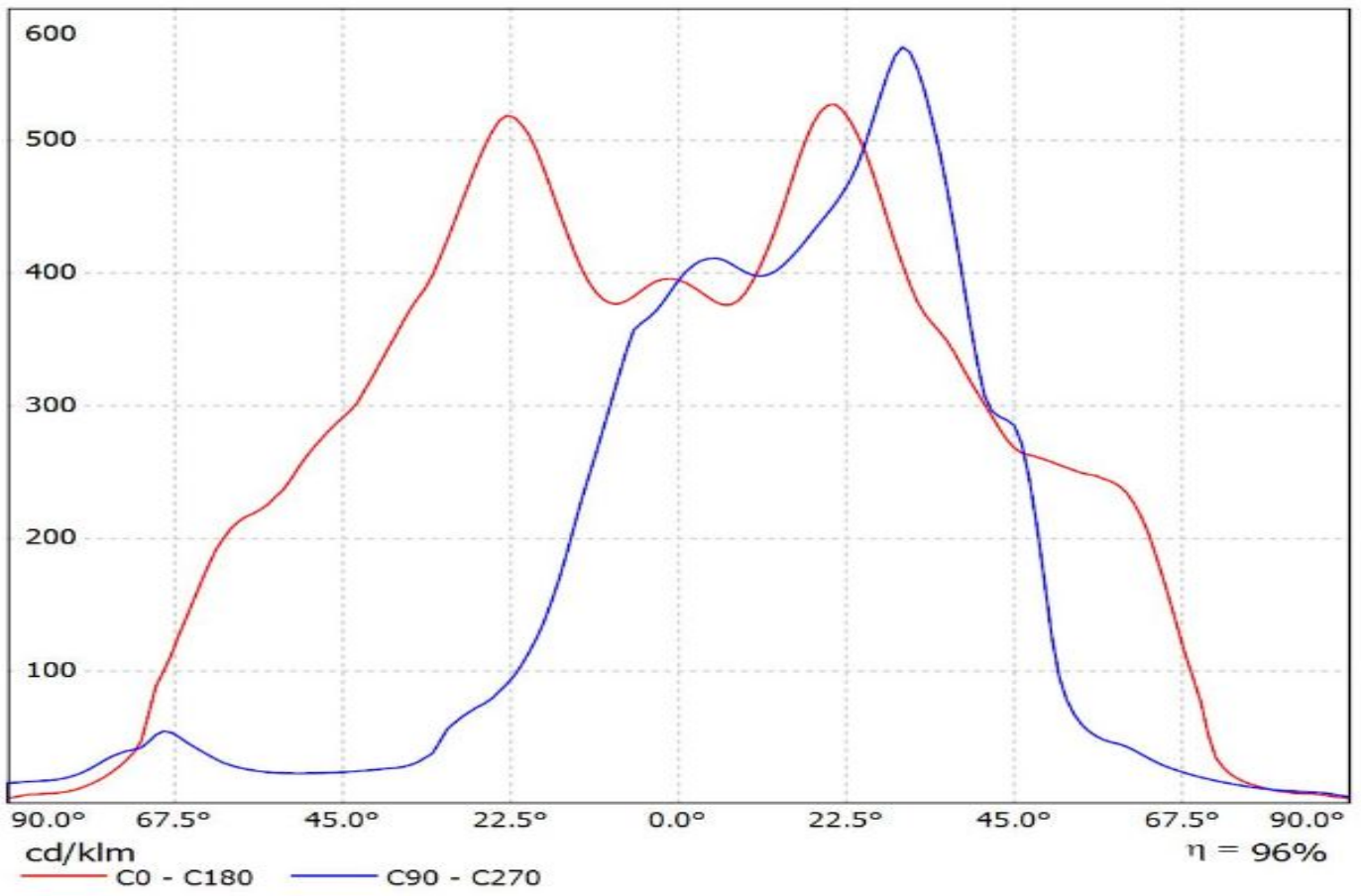


Luminaire: Ledil C13699_STRADA-2X2-DN_(Luxeon_MZ)

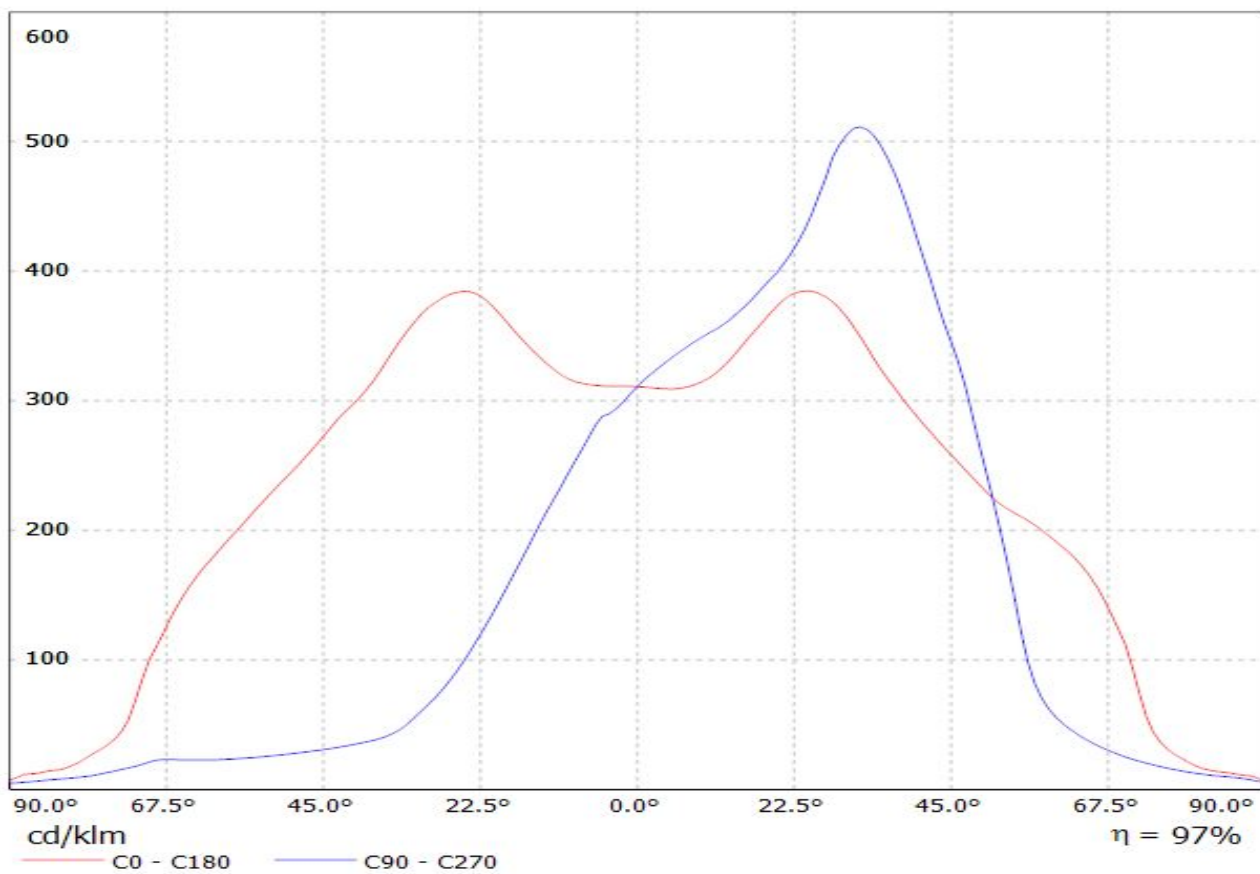
Lamps: 1 x Philips_Lumileds_Luxeon_MZ_(LMZ7-QW57)_(2x2)_427.268lm@250mA_P=2.734W_I=0.2500A



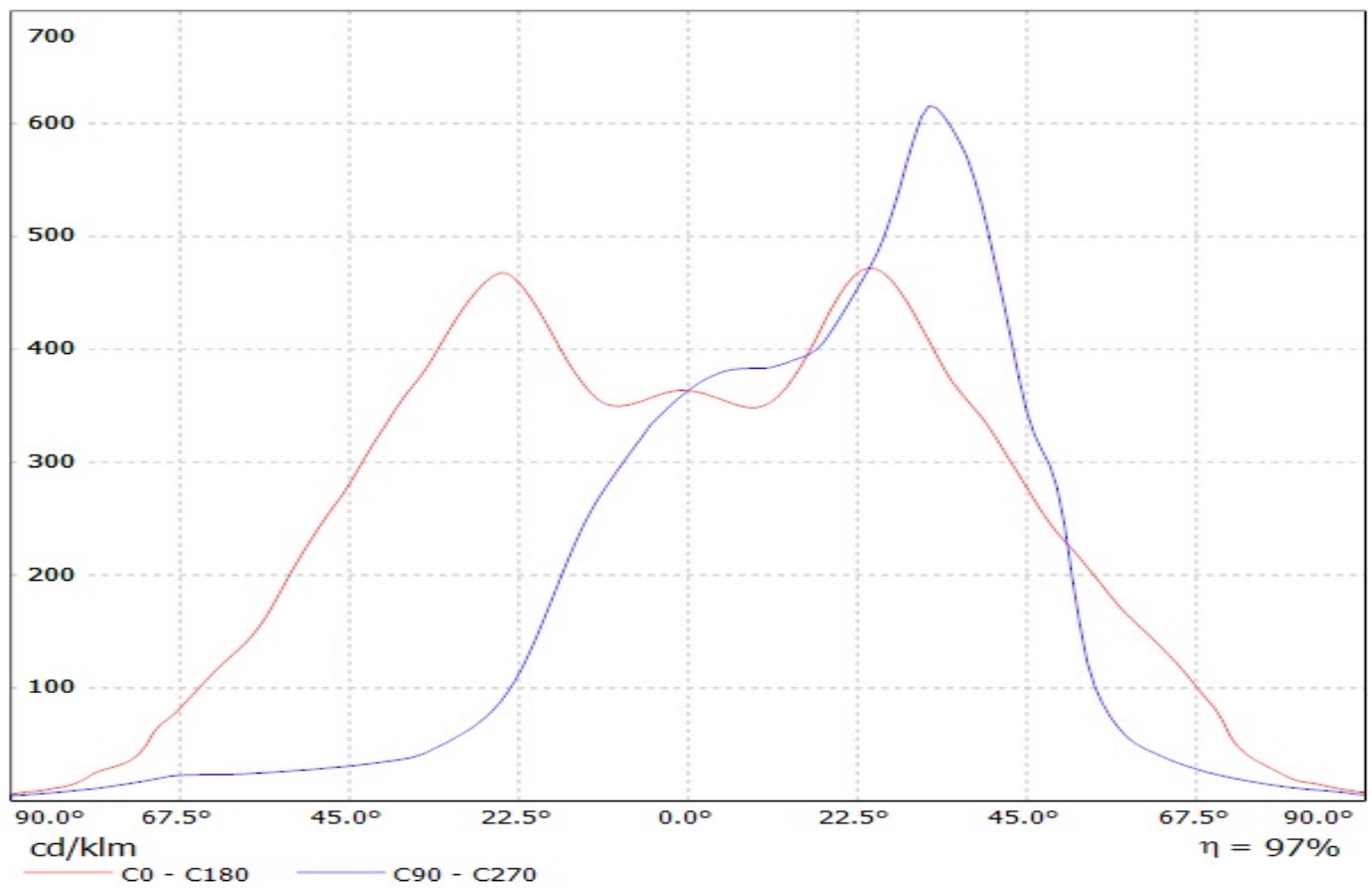
Luminaire: LEDiL Oy C13699_STRADA-2X2-DN_(E21A)
Lamps: 1 x Nichia_E21A_2X2_454.11lm@250mA_P=2.81W_I=0.250A



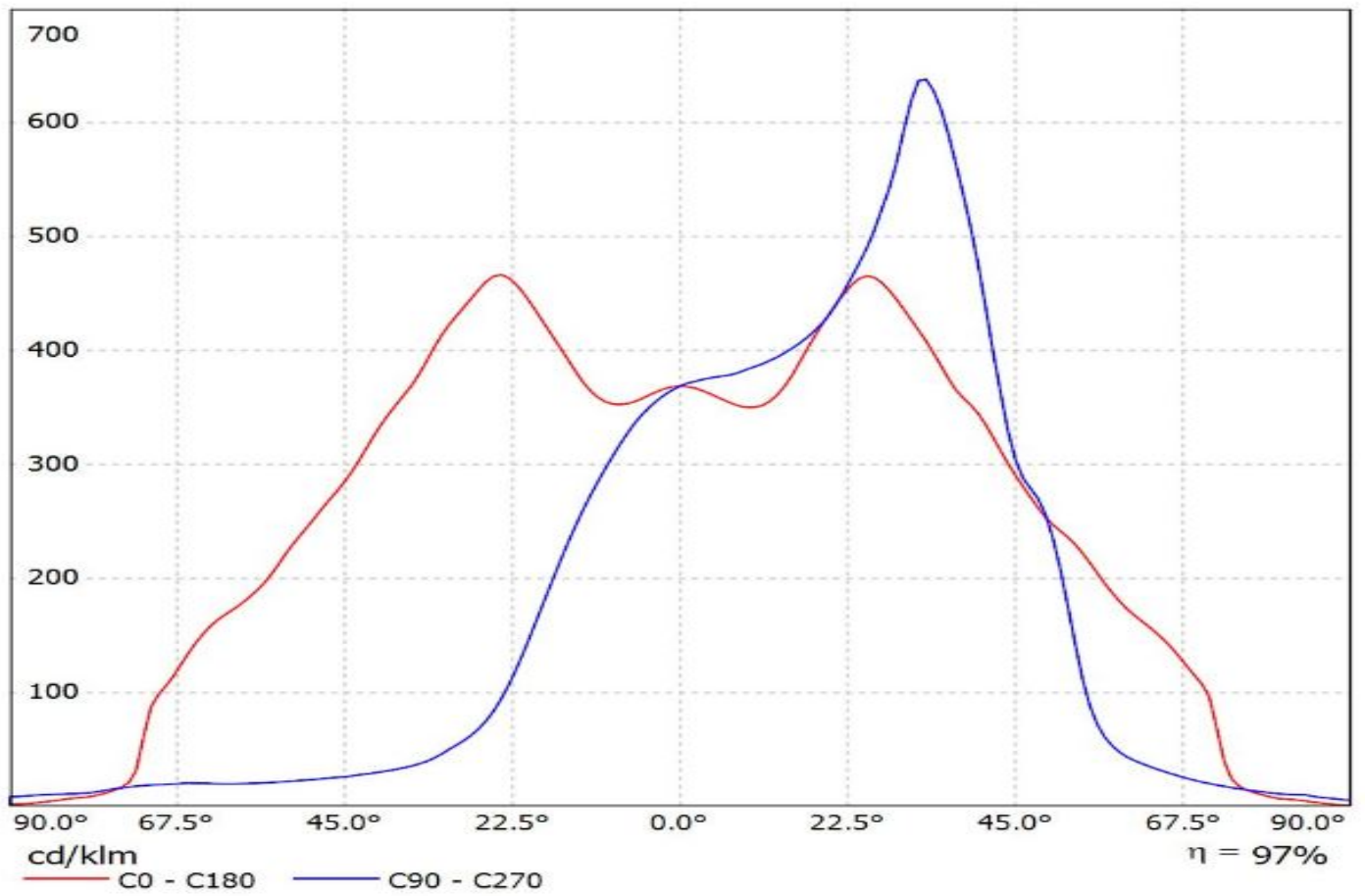
Luminaire: LEDiL Oy C13699_STRADA-2X2-DN_(NVSW319AE)
Lamps: 1 x Nichia_NVSW319AE_499.093lm@250mA_P=2.79052W_I=0.25A



Luminaire: LEDiL Oy C13699_STRADA-2X2-DN_(Oslon_Square_PC_2x2)
Lamps: 1 x Osram_Oslon_Square_PC_2x2_(GWCSSRM1.PC)
_411.322lm@250mA_P=2.85186W_I=0,2499A

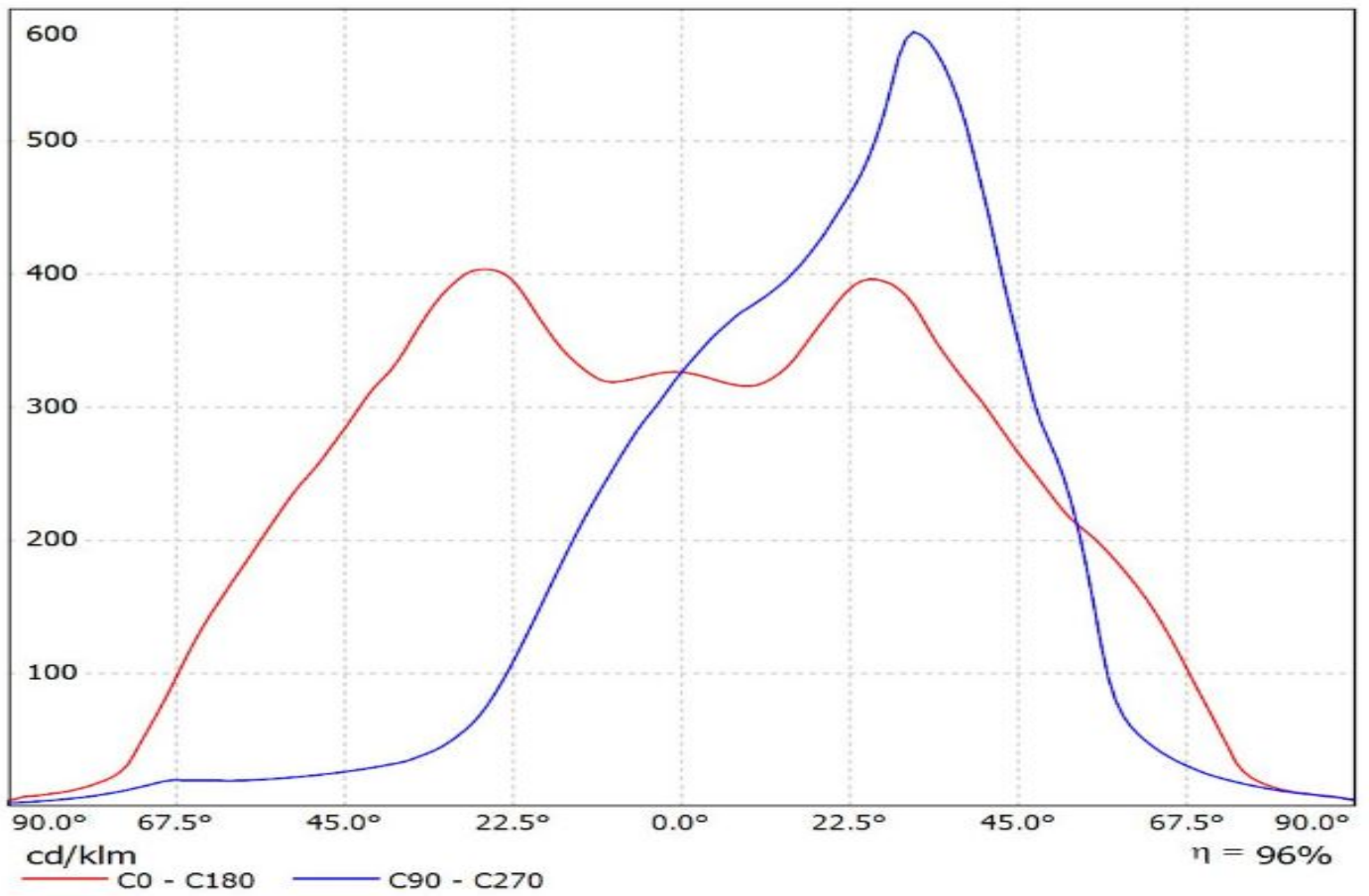


Luminaire: Ledil C13699_STRADA-2X2-DN (Fortimo_FastFlex_LED_board_2x8/740_DA_G3)
Lamps: 1 x Fortimo_FastFlex_LED_board_2x8/740_DA_G3_1828.23lm@250mA_P=11.667W_I=0.25A

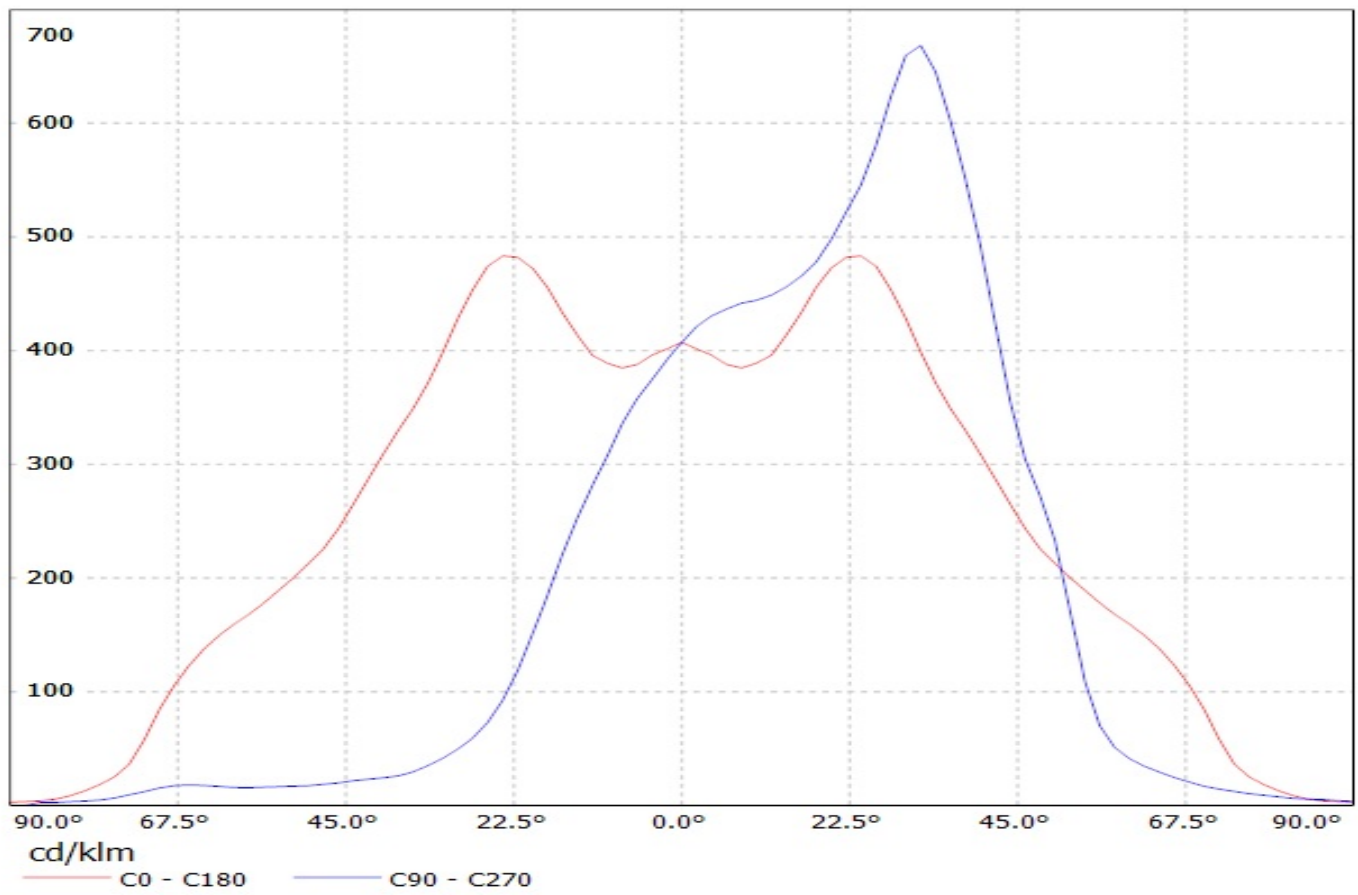


Luminaire: Ledil C13699_STRADA-2X2-DN_(LH351B)

Lamps: 1 x Samsung_LH351B_2x2_444.178lm@250mA_P=2.8535W_I=0.25A



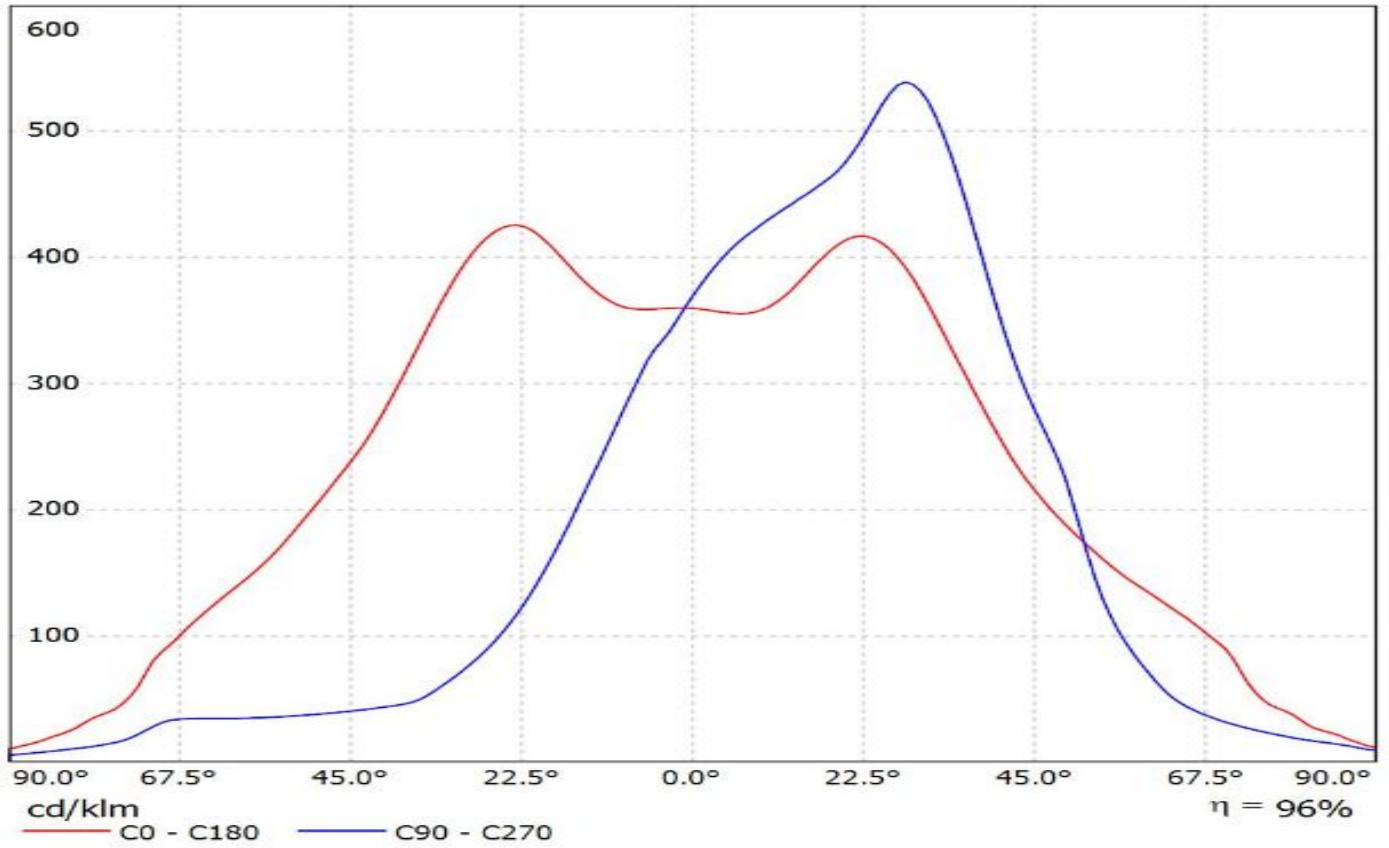
Luminaire: LEDil Oy C13699_STRADA-2X2-DN_(Z5M1) Efficiency=94%
Lamps: 1 x Seoul Z5M1 (SZ5-M1-WN-C8) 379lm @ 250mA CCT=4600K P=2.9W I=250mA



Ledil C13699_STRADA-2X2-DN_(TL1L3) / LDC (Linear)

Luminaire: Ledil C13699_STRADA-2X2-DN_(TL1L3)

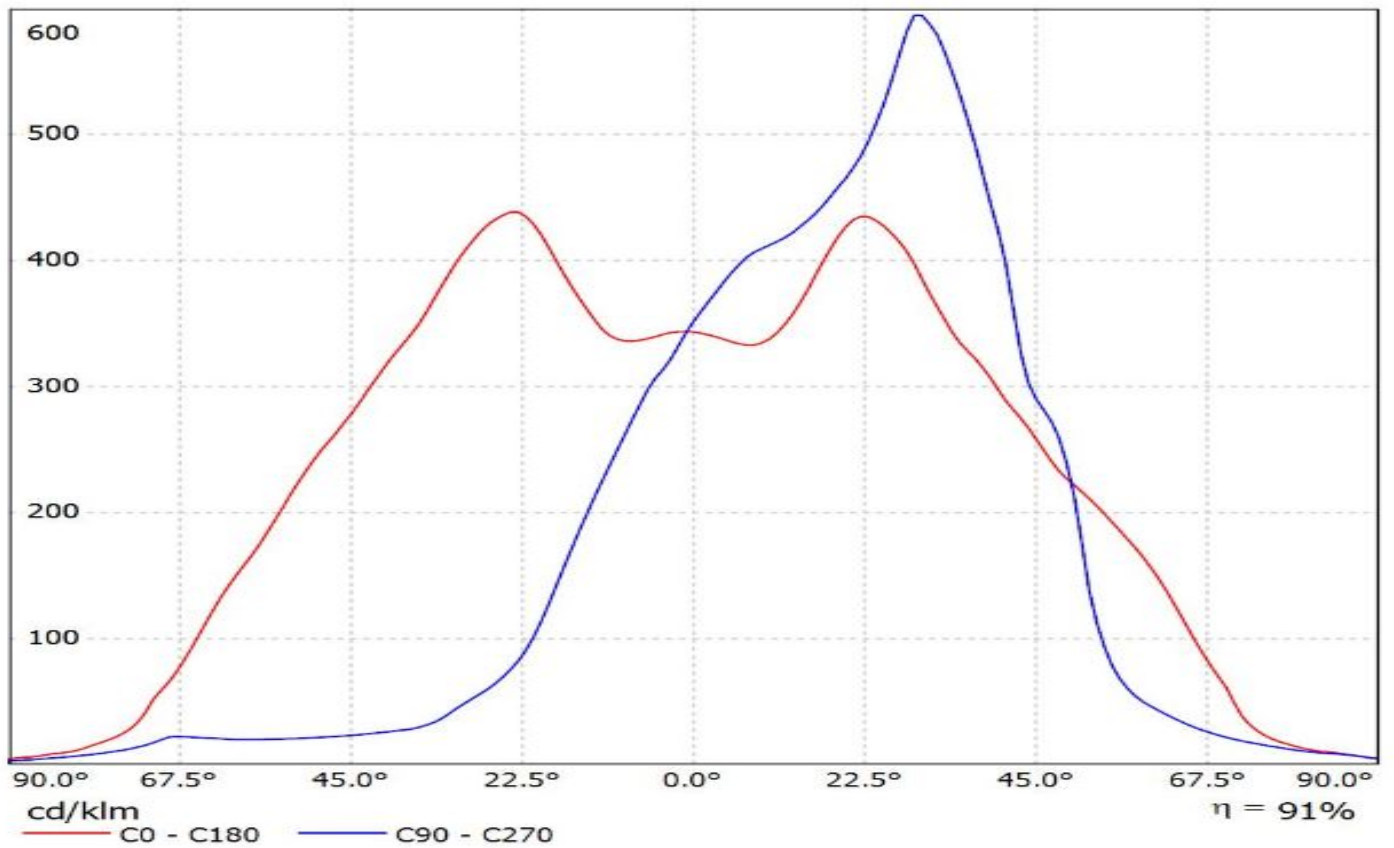
Lamps: 1 x Toshiba_TL1L3_2x2_(TL1L3-NW1.L)_387.773lm@250mA_CCT=5000K_P=2.829W_I=0.25A



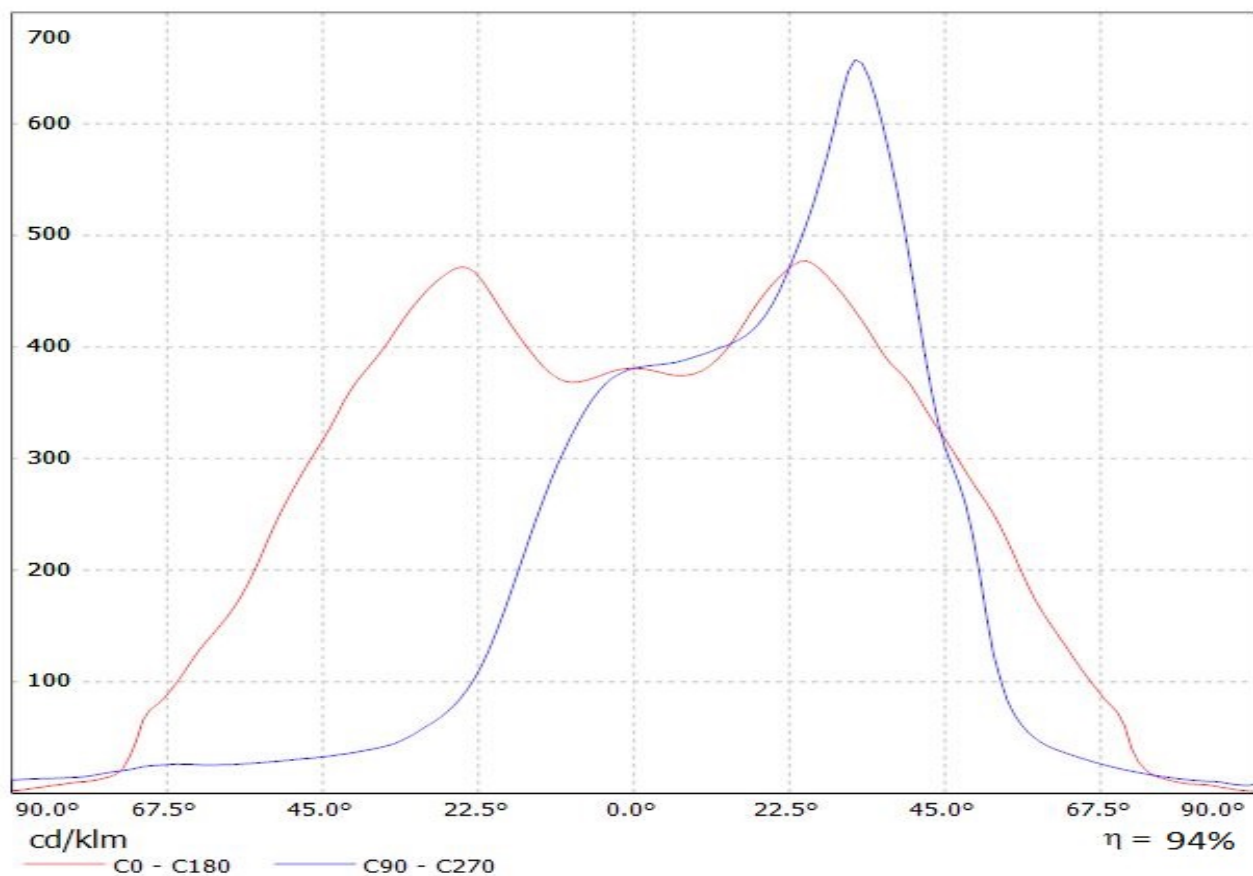
Ledil C13699_STRADA-2X2-DN_(TL1L4) / LDC (Linear)

Luminaire: Ledil C13699_STRADA-2X2-DN_(TL1L4)

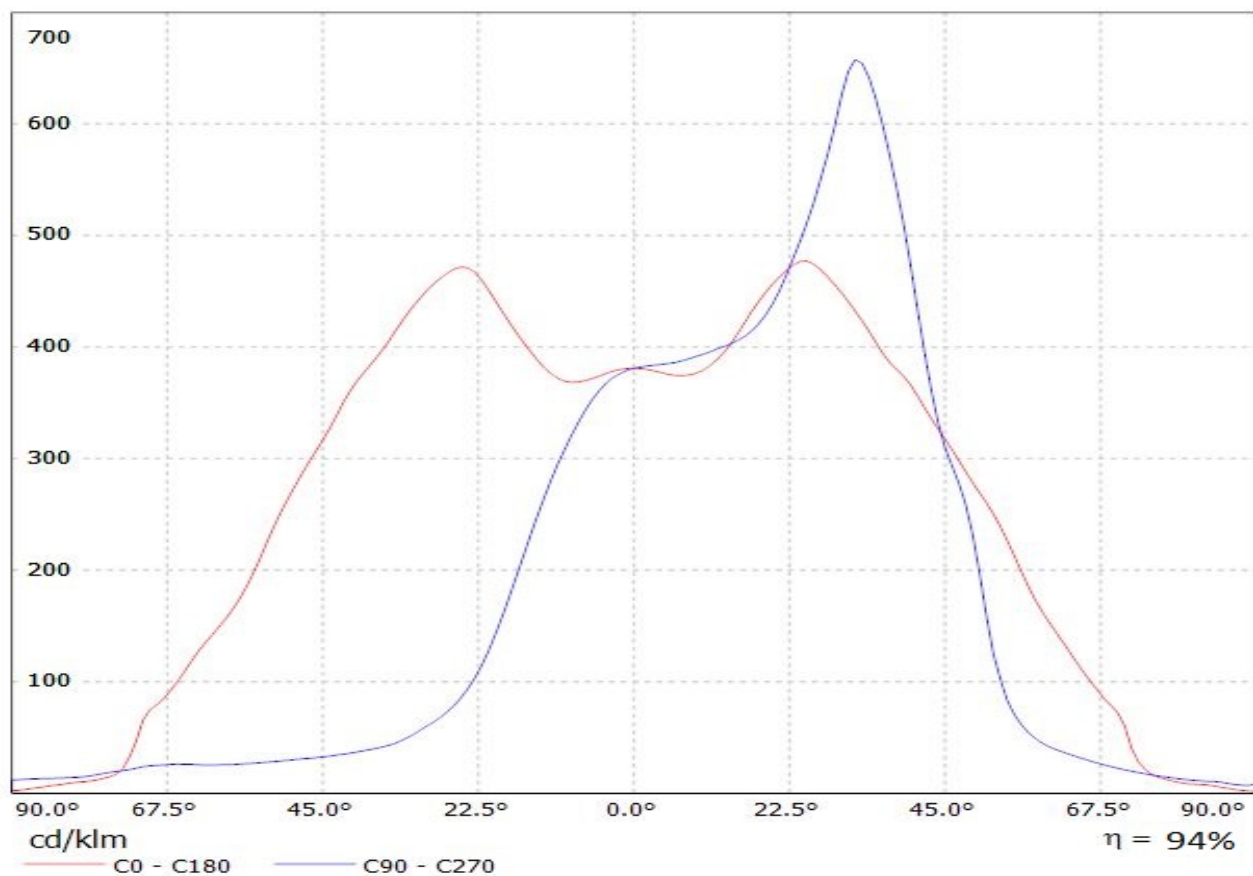
Lamps: 1 x Toshiba_TL1L4_2x2_(TL1L4-DW0)_472.639lm@250mA_CCT=6500K_P=2.9W_I=0.25A



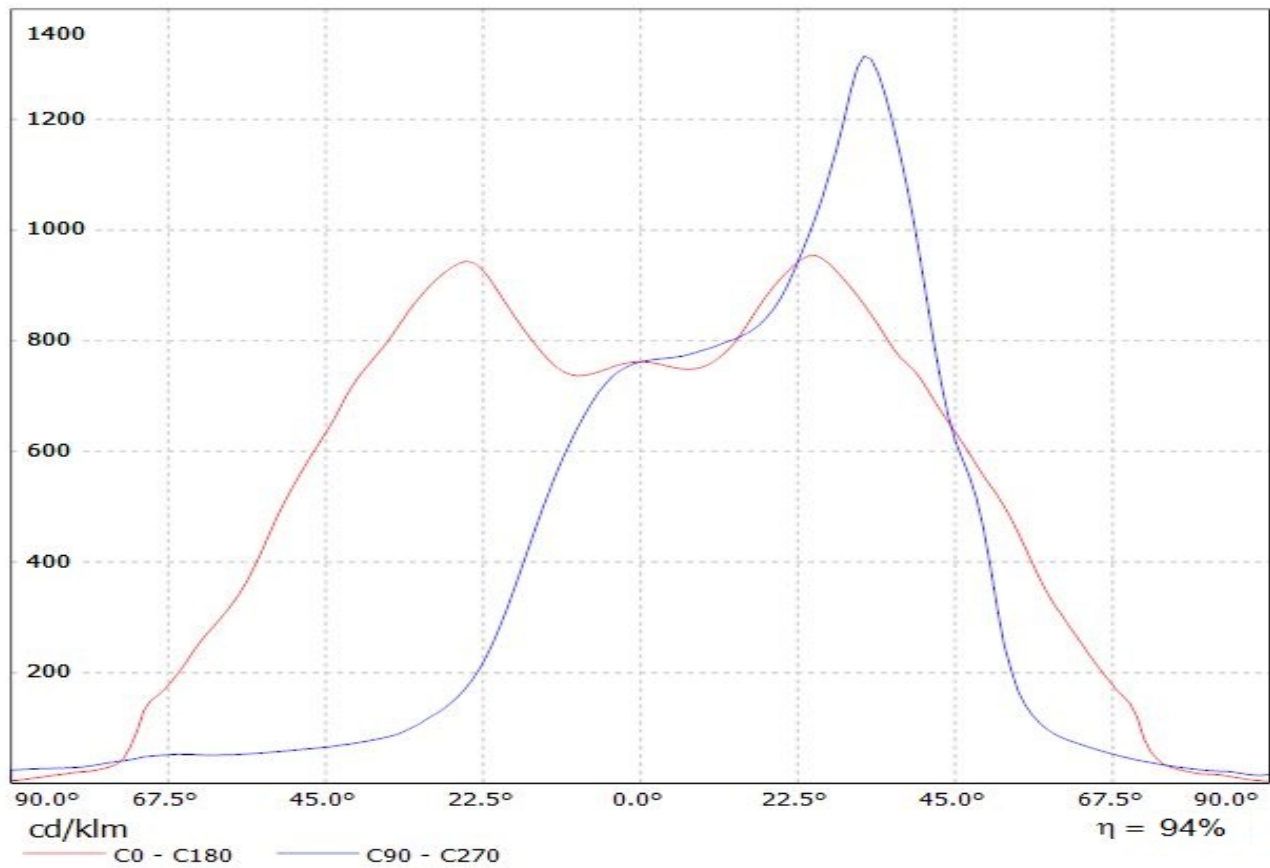
Luminaire: LEDiL Oy C13699_STRADA-2X2-DN_(Tridonic_Module_RLE_G1)
Lamps: 1 x Tridonic_Module_RLE_G1_4576.03lm@700mA_P=32.0681W_I=0.700A



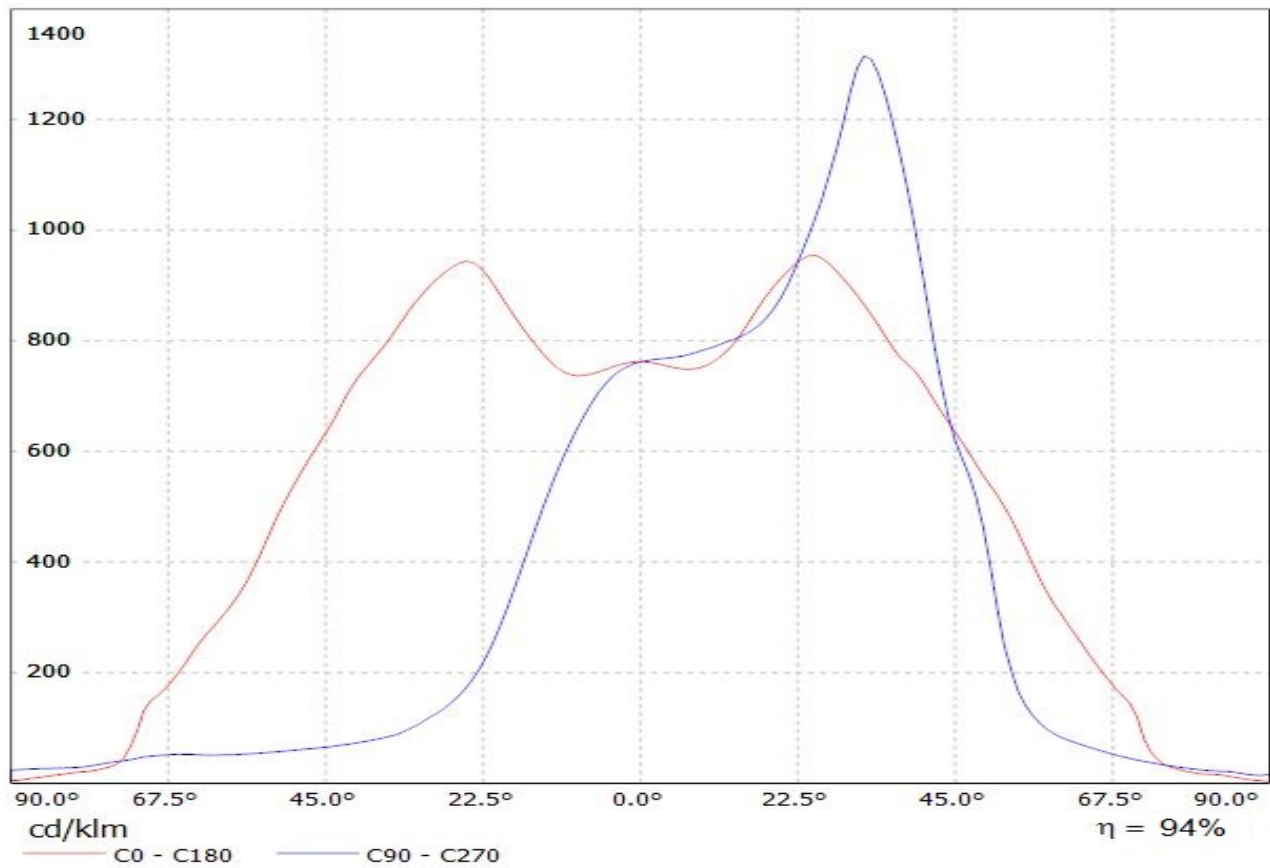
Luminaire: LEDiL Oy C13699_STRADA-2X2-DN_(Tridonic_Module_RLE_G1)
Lamps: 1 x Tridonic_Module_RLE_G1_4576.03lm@700mA_P=32.0681W_I=0.700A



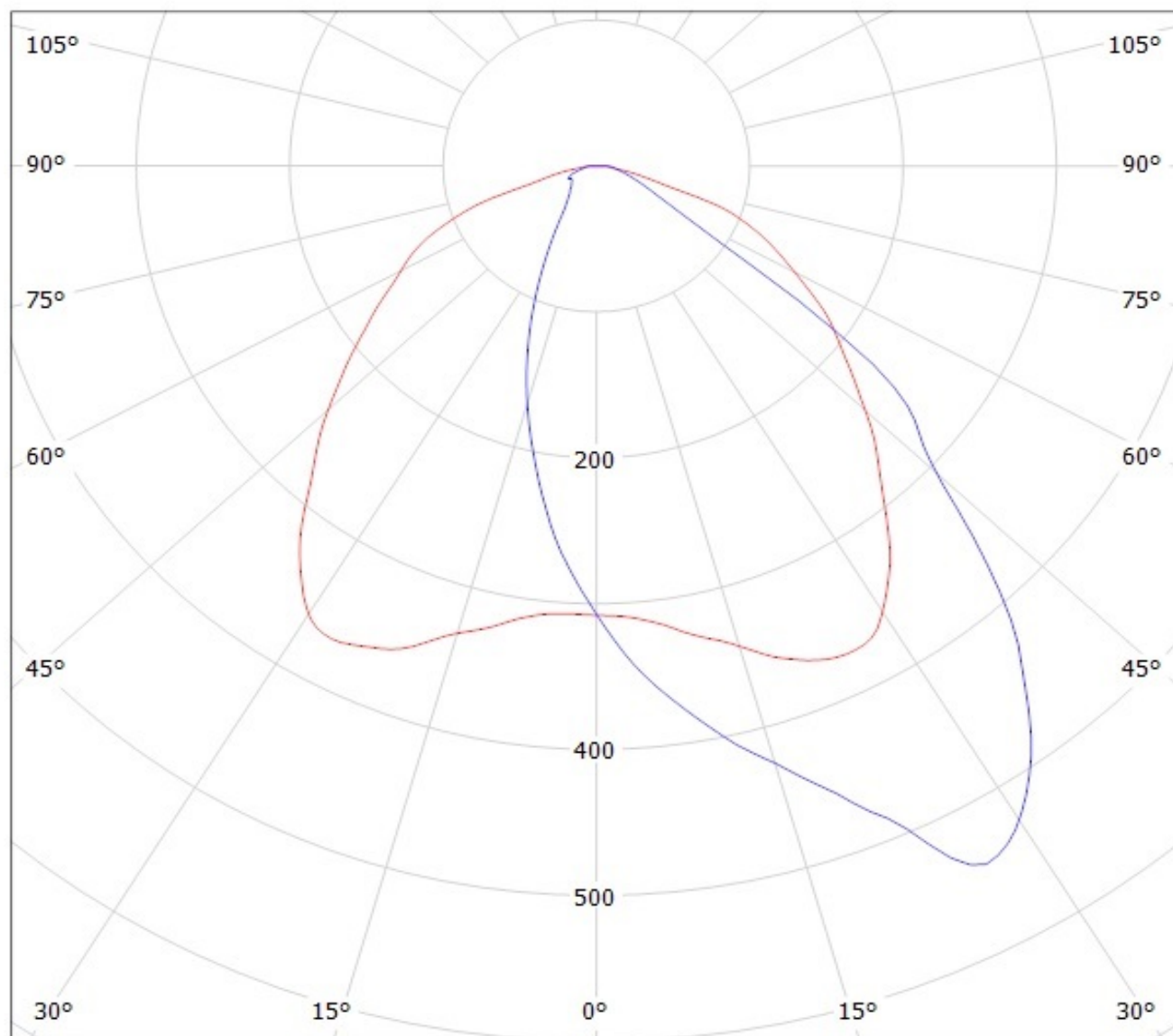
Luminaire: LEDiL Oy C13699_STRADA-2X2-DN_(Tridonic_Module_RLE_G1)
Lamps: 1 x Tridonic_Module_RLE_G1_2288lm@700mA_P=16W_I=0.700A



Luminaire: LEDiL Oy C13699_STRADA-2X2-DN_(Tridonic_Module_RLE_G1)
Lamps: 1 x Tridonic_Module_RLE_G1_2288lm@700mA_P=16W_I=0.700A



Luminaire: LEDiL Oy C13699_STRADA-2X2-DN_(XM-L)
Lamps: 1 x CREE_XM-L_355.387lm@250mA



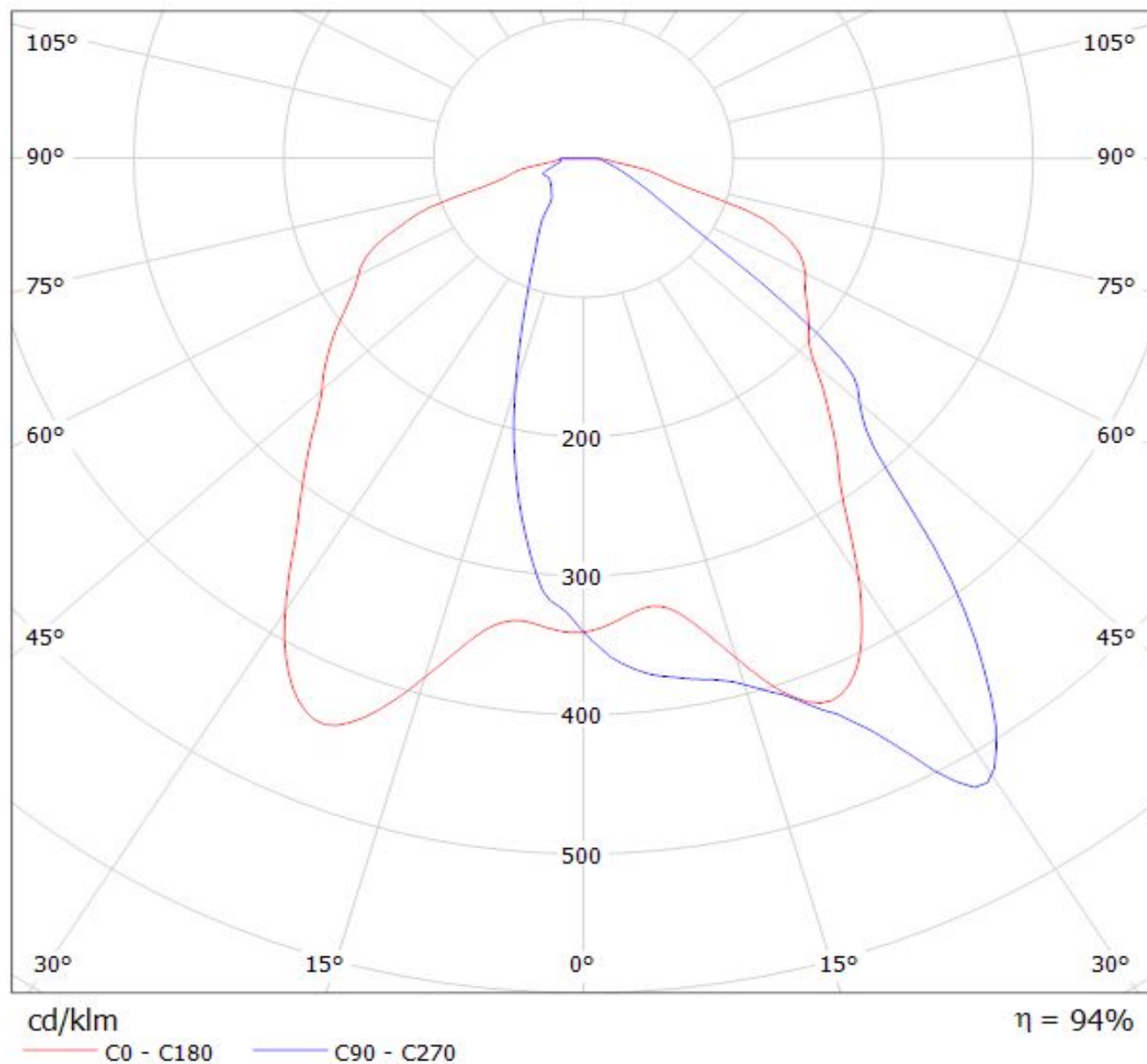
cd/klm

— C0 - C180

— C90 - C270

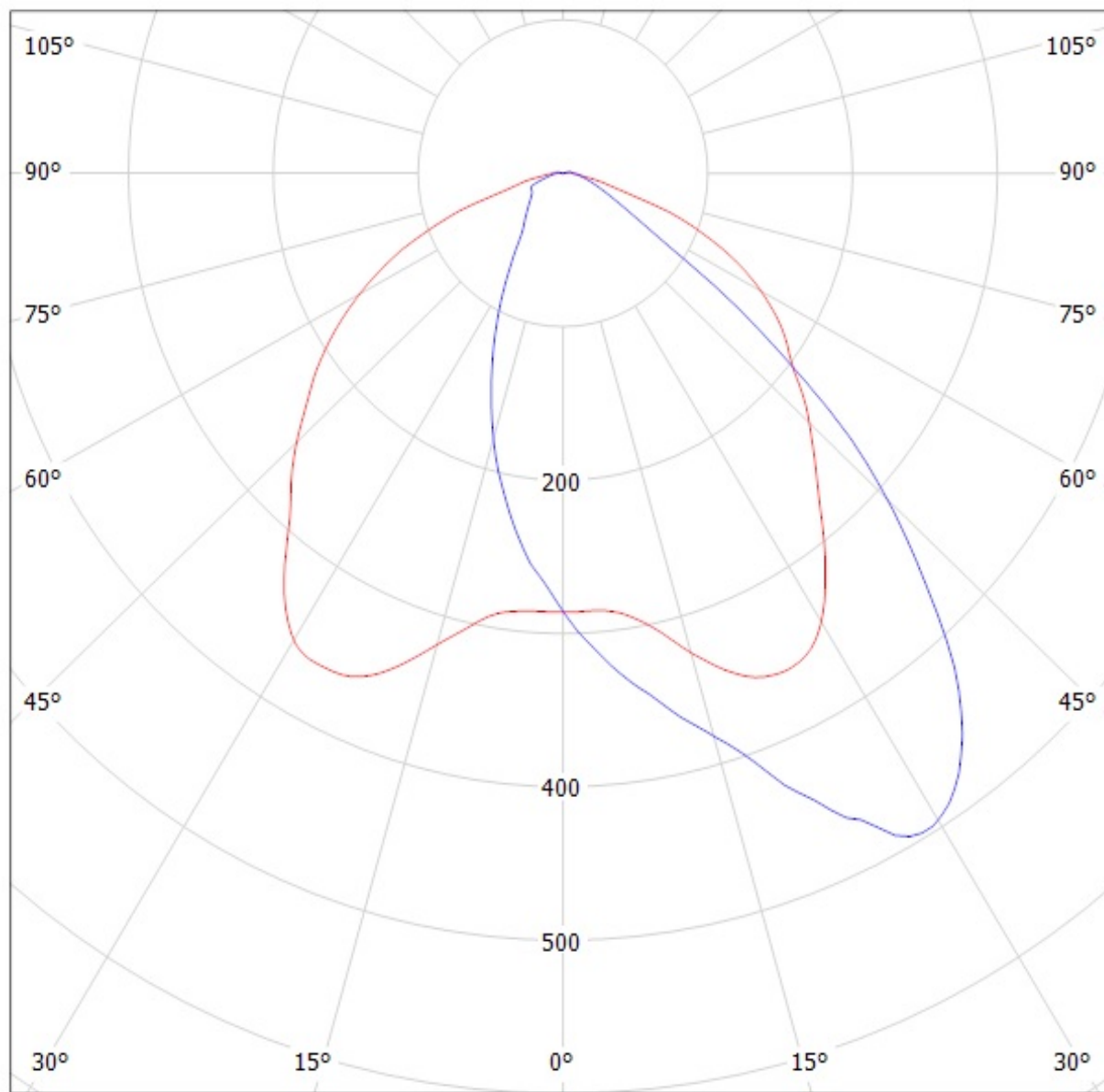
Luminaire: LEDiL Oy C13699_STRADA-2x2-DN_(XT-E) Eff. 94%

Lamps: 1 x CREE_XT-E_2x2_393lm@250mA



Luminaire: LEDiL Oy C13699_STRADA-2x2-DN_(XP-L)

Lamps: 1 x CREE_XP-L_2x2_(XPLAWT-0-1B0-V40-00-0001)_516.55lm@250mA_CCT=7600K_P=2.79963W_I=249.9mA

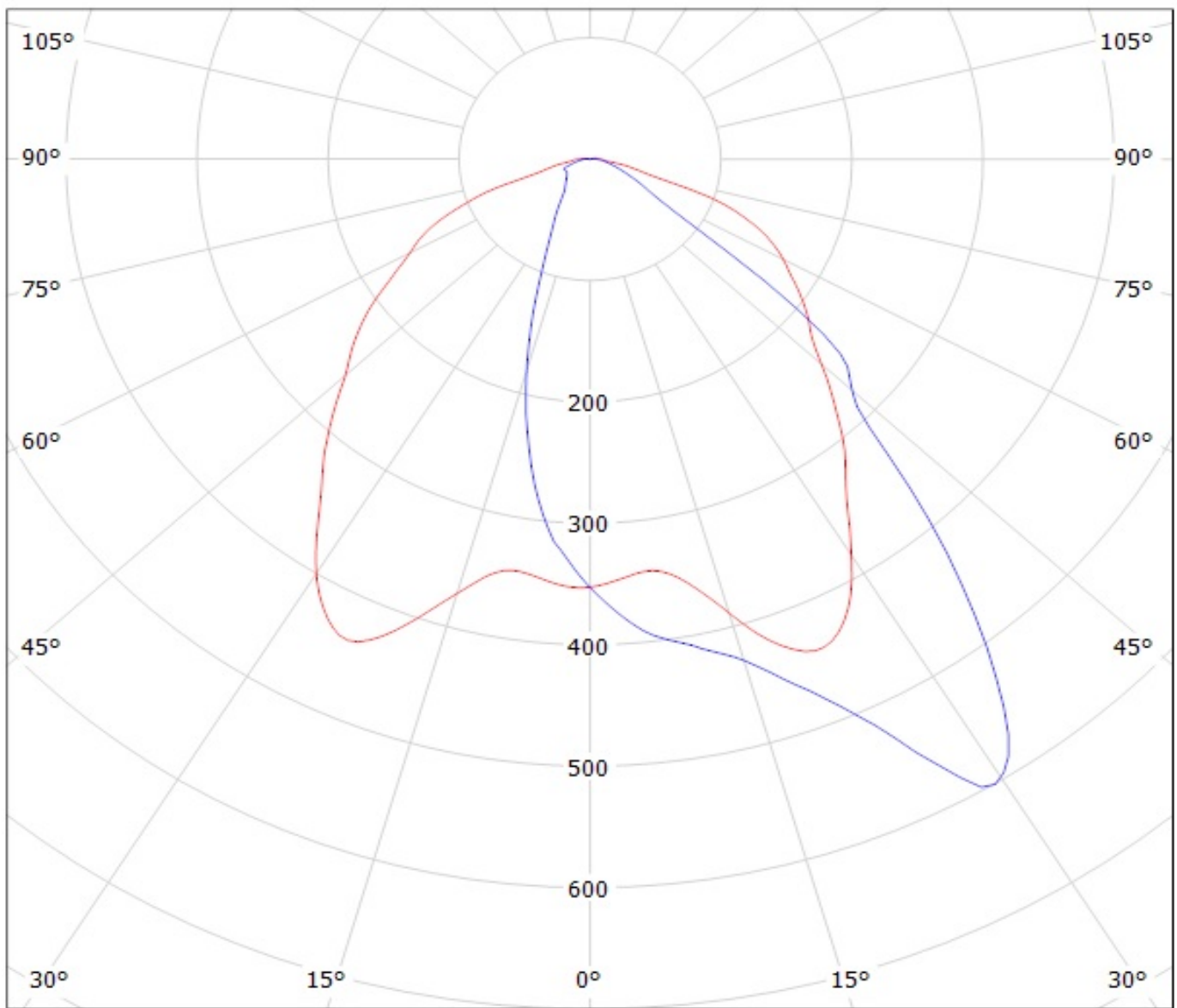


cd/klm

— C0 - C180 — C90 - C270

$\eta = 94\%$

Luminaire: LEDiL Oy C13699_STRADA-2X2-DN_(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

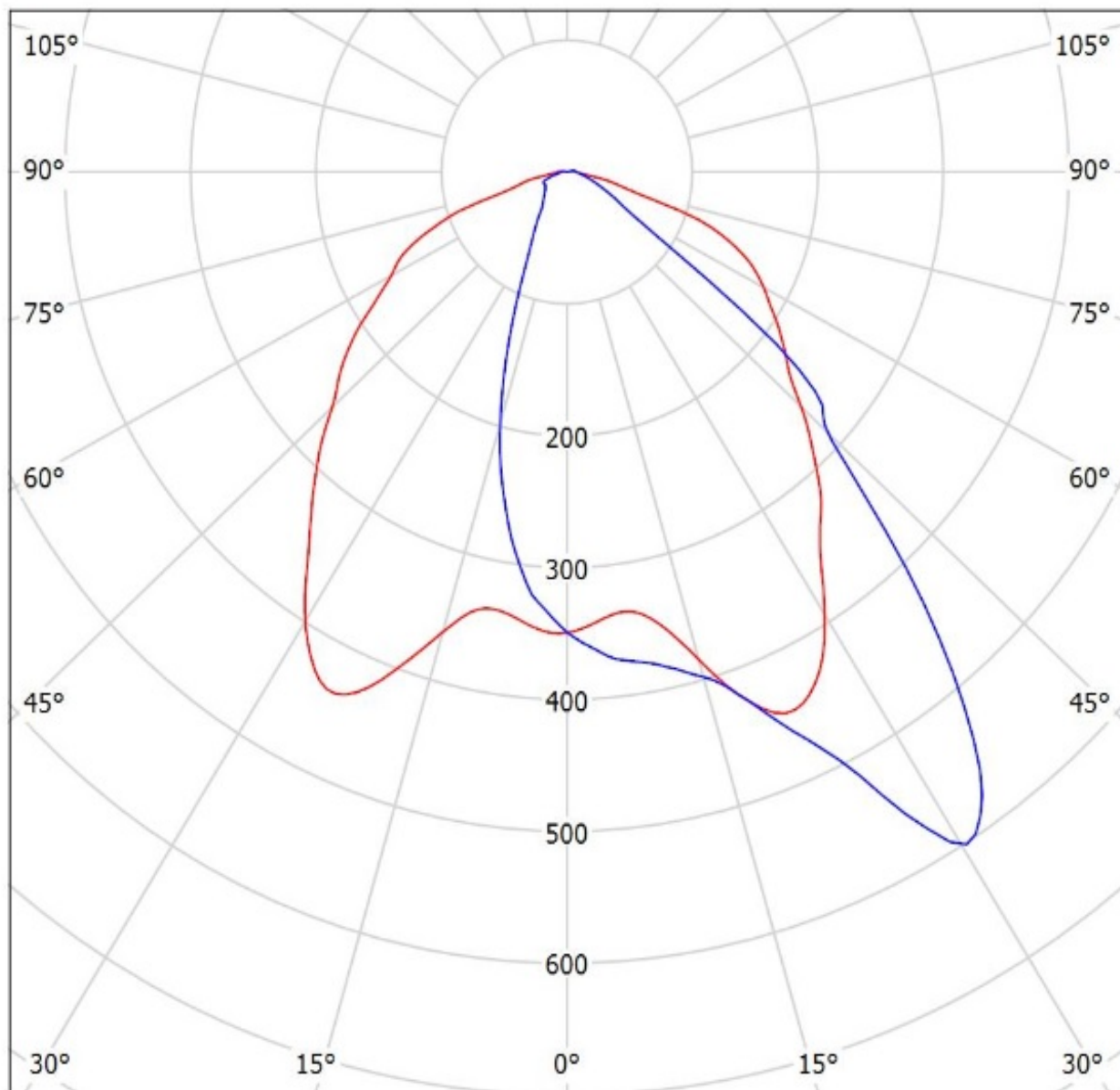
— C0 - C180

— C90 - C270

$\eta = 96\%$

Luminaire: LEDiL Oy C13699_STRADA-2X2-DN_(XP-G2)

Lamps: 1 x CREE_XP-G2_2x2_(XPGBWT-L1-000-00G51)_403.35lm@250mA_CCT=7181K_P=2.94357W_I=249.9mA



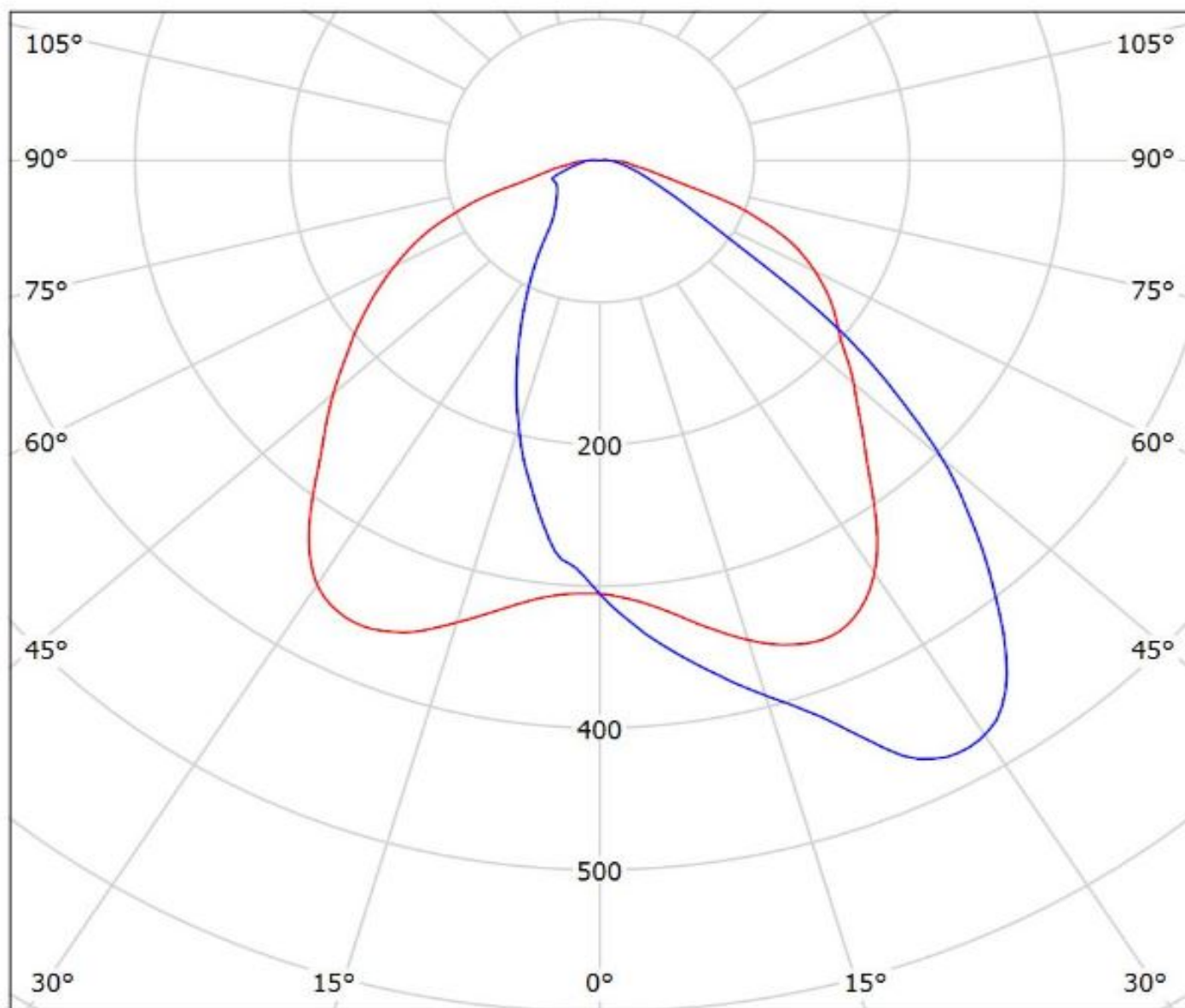
cd/klm

— C0 - C180 — C90 - C270

$\eta = 97\%$

Luminaire: Ledil C13699_STRADA-2X2-DN_(XP-L2)

Lamps: 1 x Cree_XP-L2_2x2_(XPLBWT-00-0000-000BV50E3)550.93lm@250mA_P=2.7815W_I=0.25A



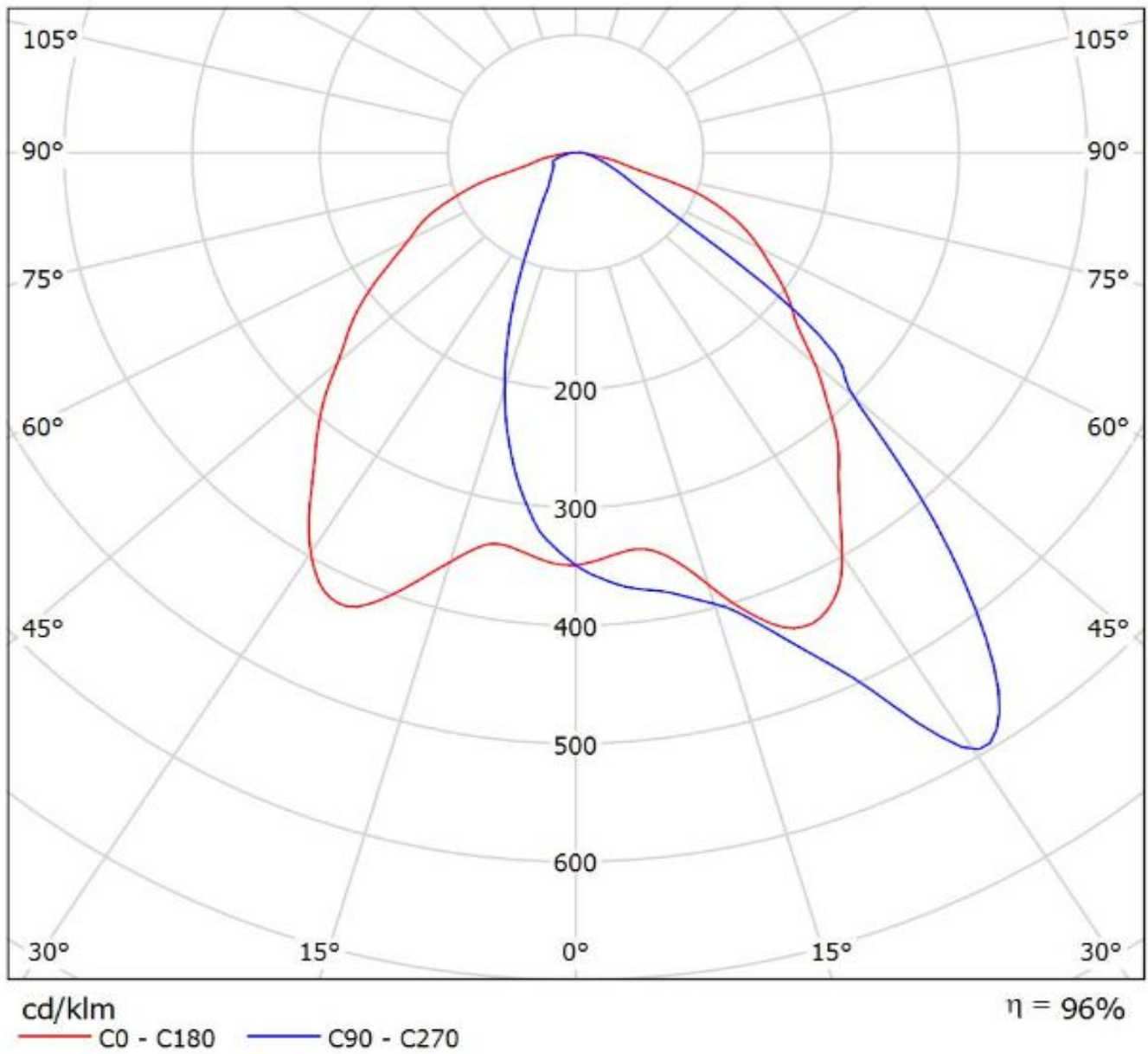
cd/klm

— C0 - C180 — C90 - C270

$\eta = 97\%$

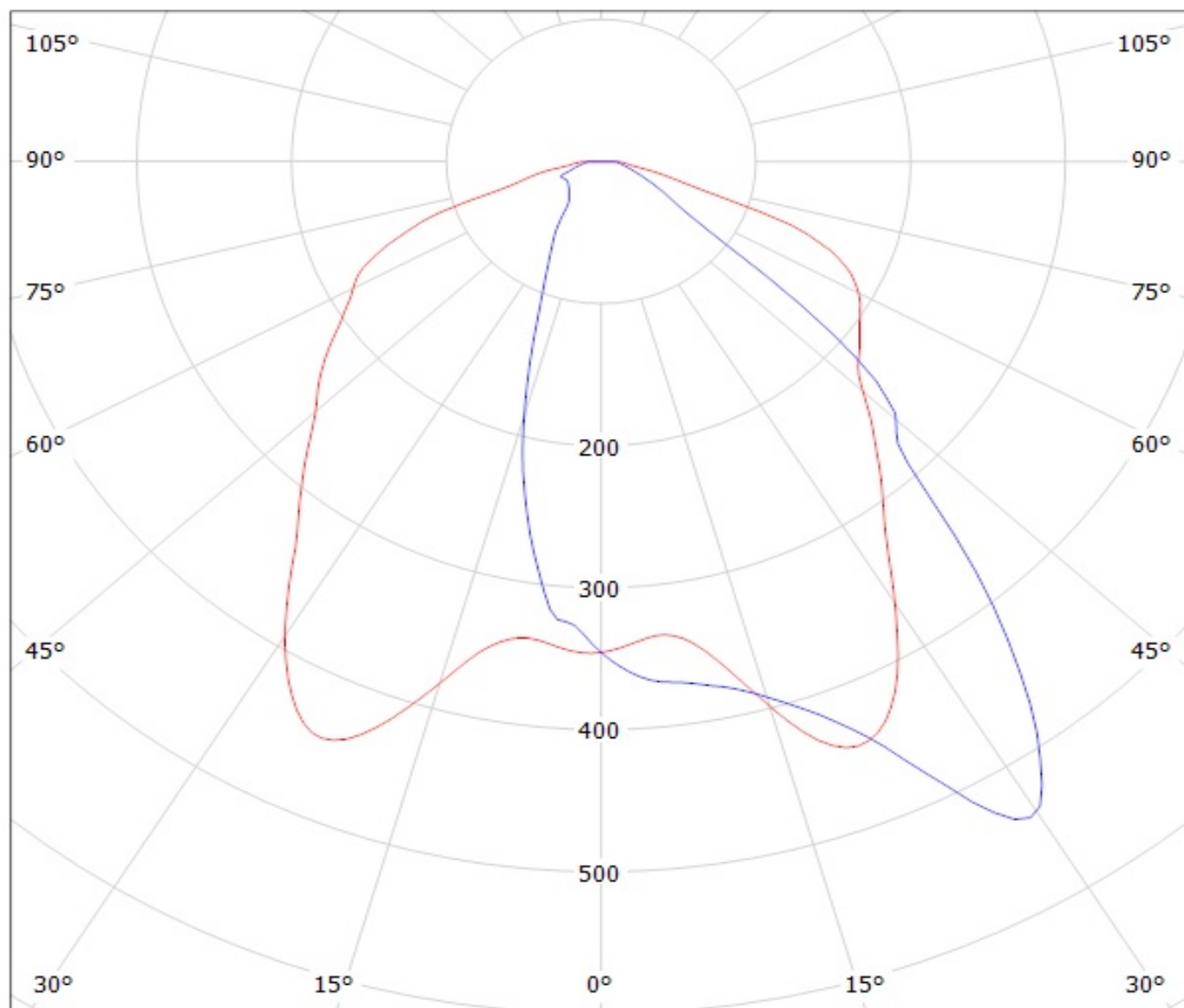
Luminaire: Ledil C13699_STRADA-2X2-DN_(H35C1)

Lamps: 1 x LG_H35C1_2x2_477.216lm@250mA_P=2.87475W_I=0.250A



Luminaire: LEDiL Oy C13699_STRADA-2x2-DN_(LUXEON_Q)

Lamps: 1 x LUXEON_Q_2x2_(LHQ-3080)_298.615lm@250mA_P=2.86995W_I=249.8mA

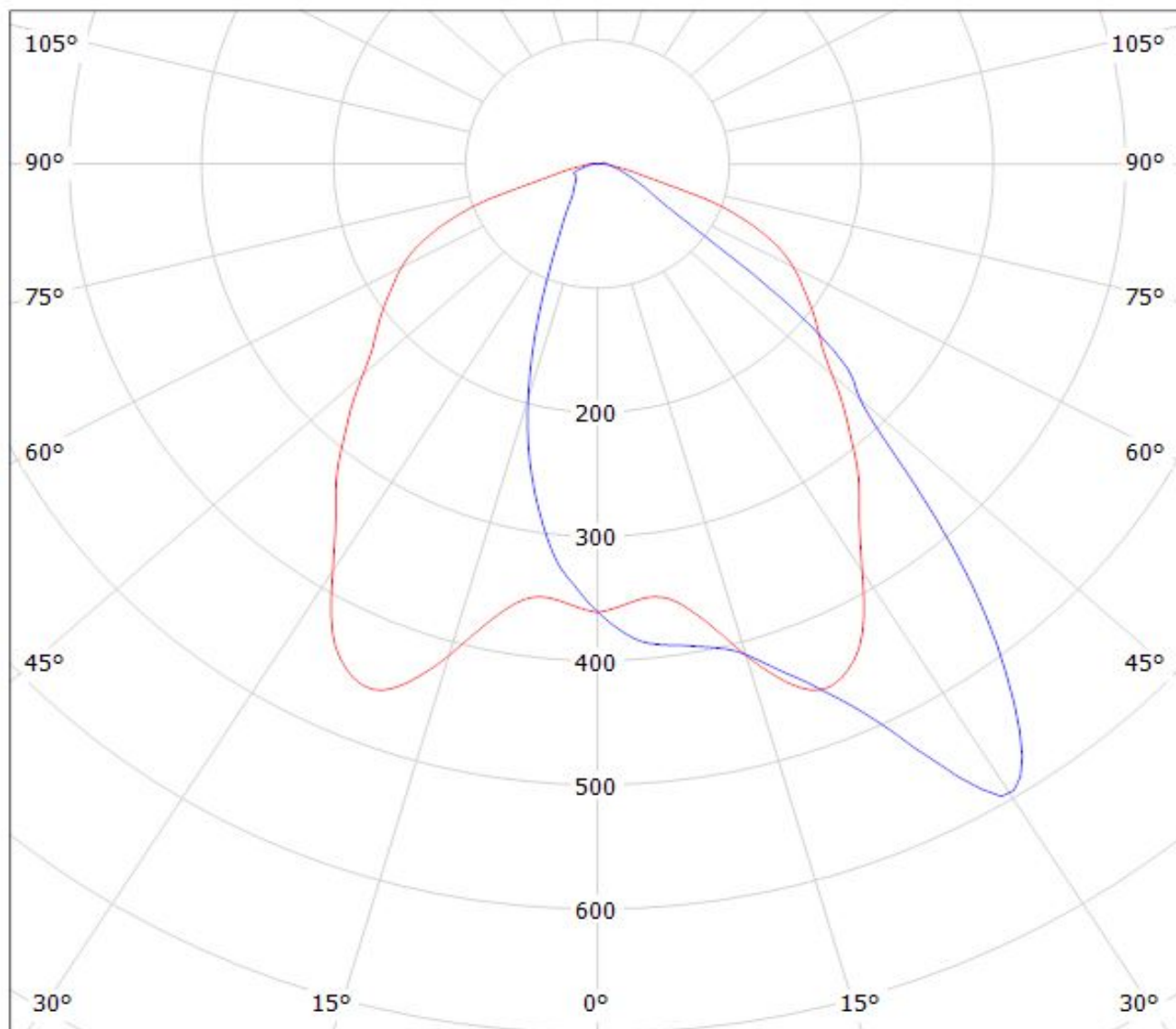


cd/klm

— C0 - C180

— C90 - C270

Luminaire: LEDiL Oy C13699_STRADA-2X2-DN_(Luxeon_TX)
Lamps: 1 x Luxeon_TX_2x2_321.384lm@250mA_P=2.79488W_I=249.9mA



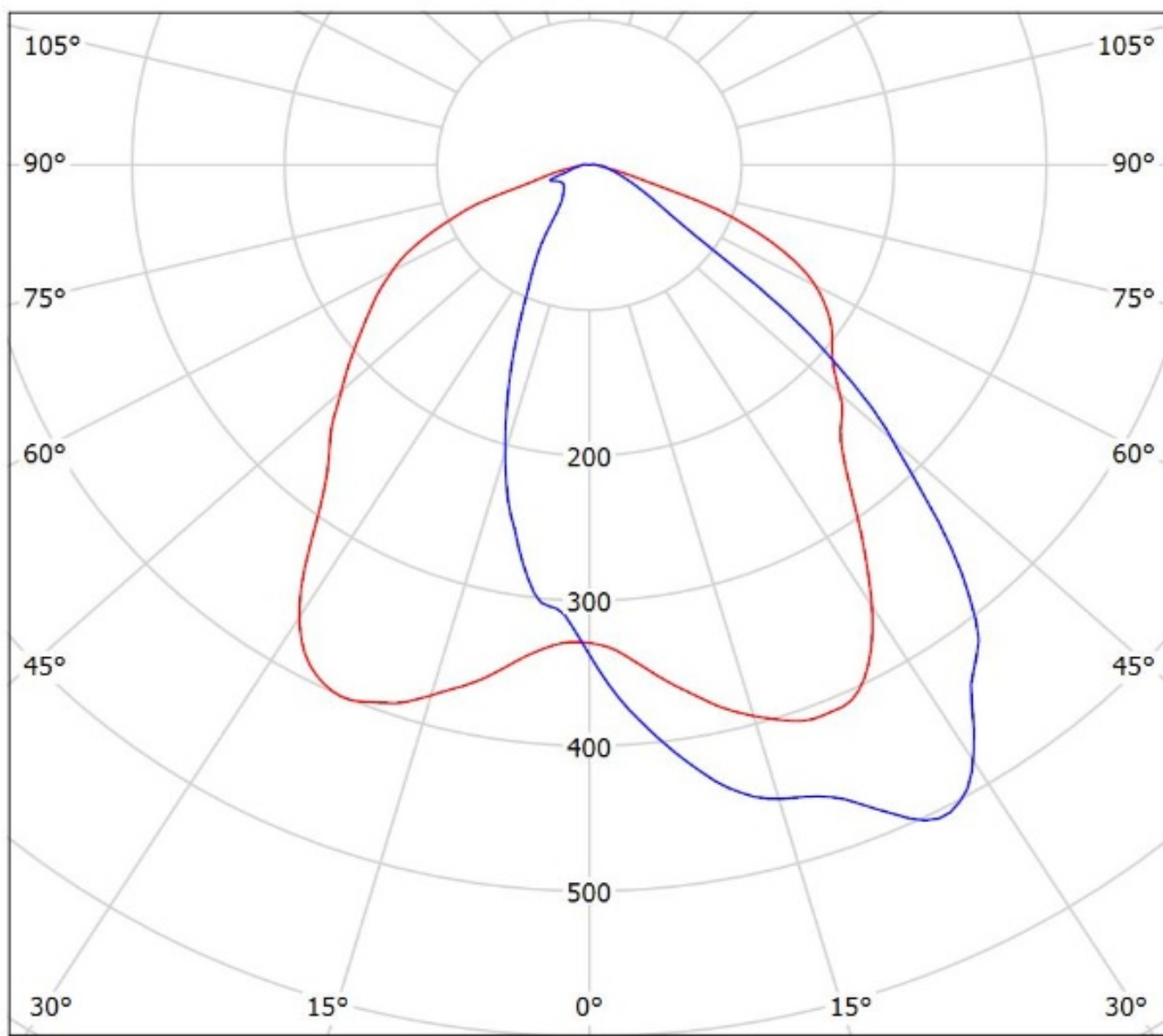
cd/klm

η = 95%

— C0 - C180 — C90 - C270

Luminaire: Ledil C13699_STRADA-2X2-DN_(Luxeon_MZ)

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

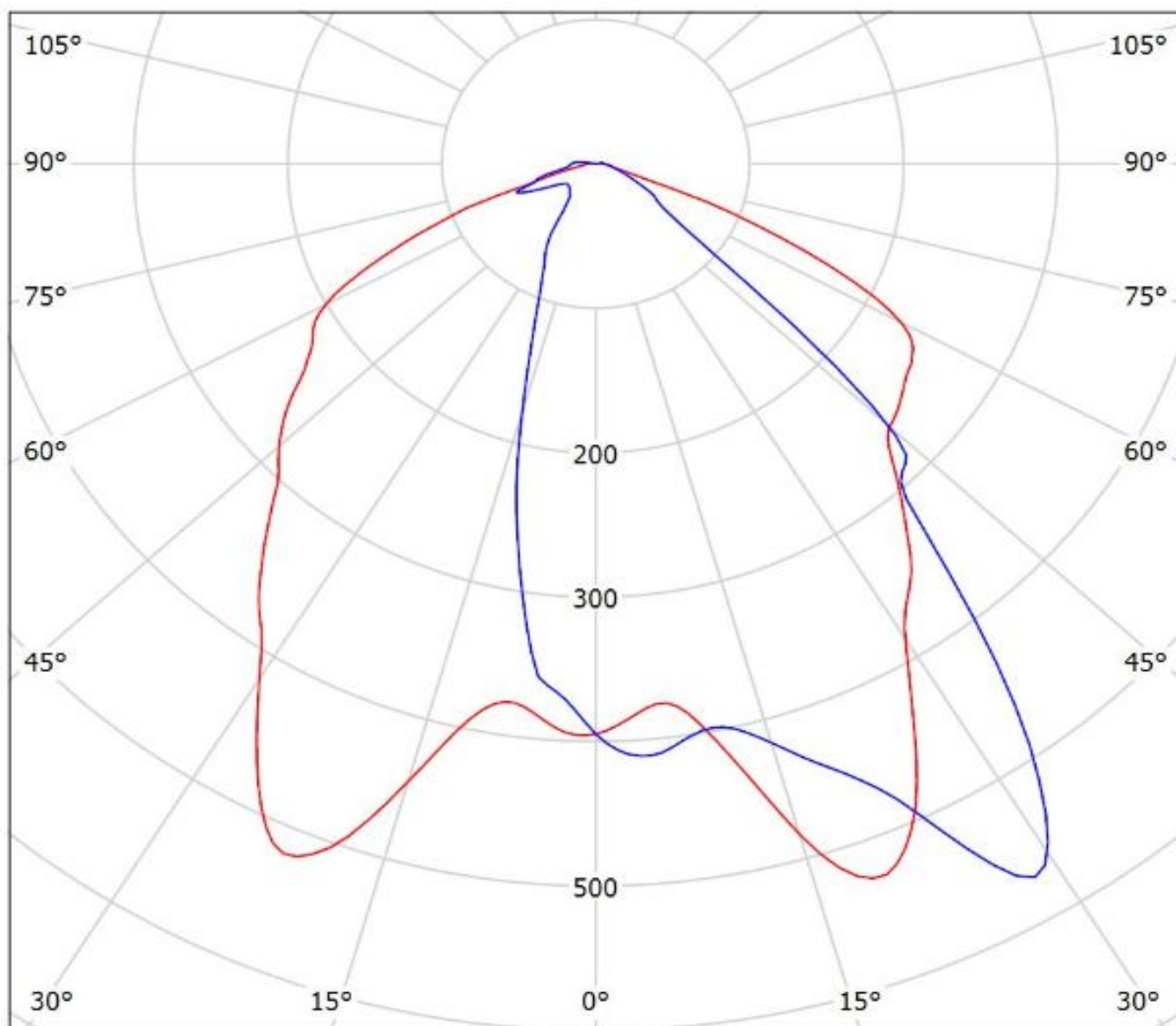


cd/klm

— C0 - C180 — C90 - C270

η = 96%

Luminaire: LEDiL Oy C13699_STRADA-2X2-DN_(E21A)
Lamps: 1 x Nichia_E21A_2X2_454.11lm@250mA_P=2.81W_I=0.250A

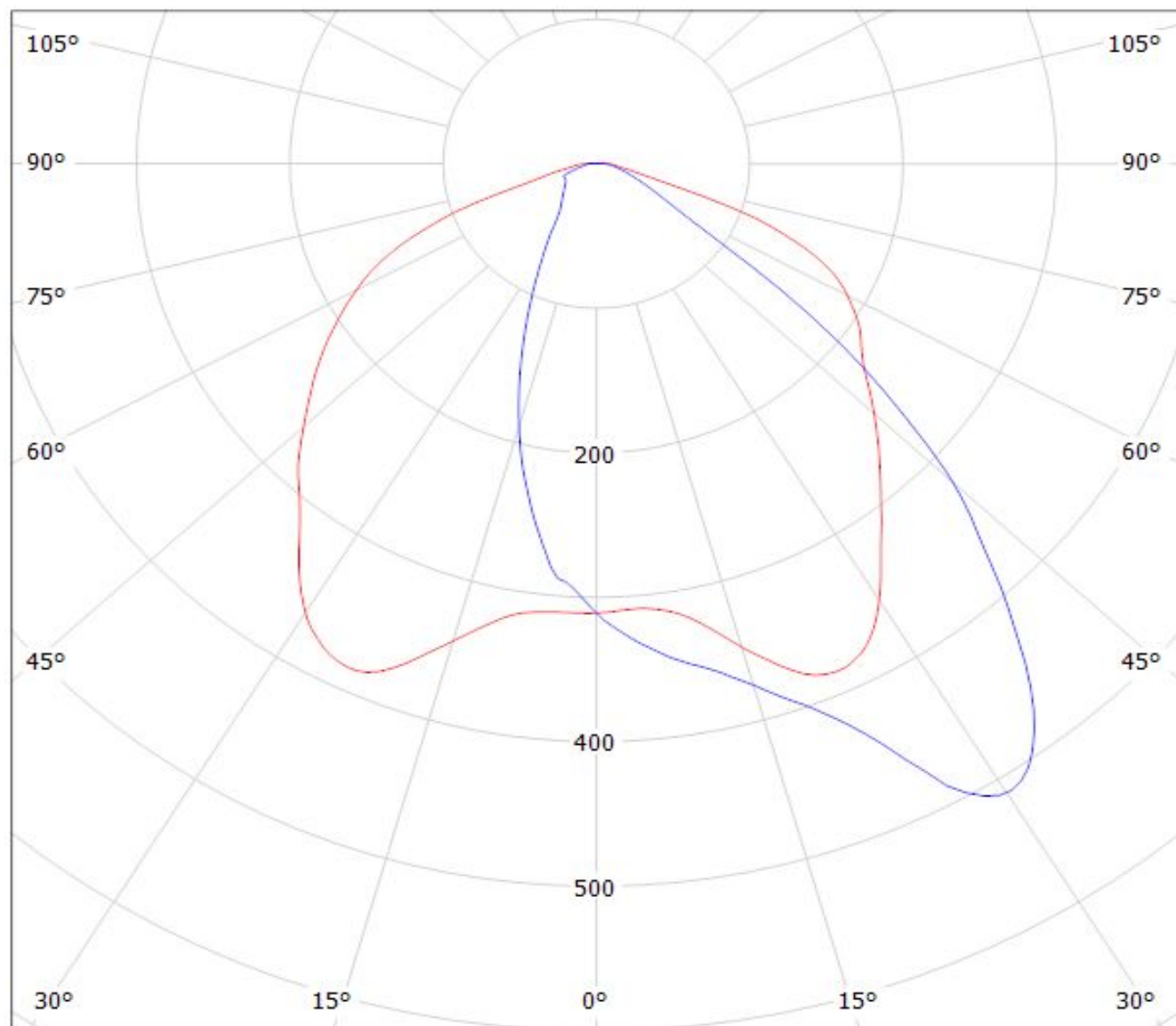


cd/klm

— C0 - C180 — C90 - C270

$\eta = 96\%$

Luminaire: LEDiL Oy C13699_STRADA-2X2-DN_(NVSW319AE)
Lamps: 1 x Nichia_NVSW319AE_499.093lm@250mA_P=2.79052W_I=0.25A

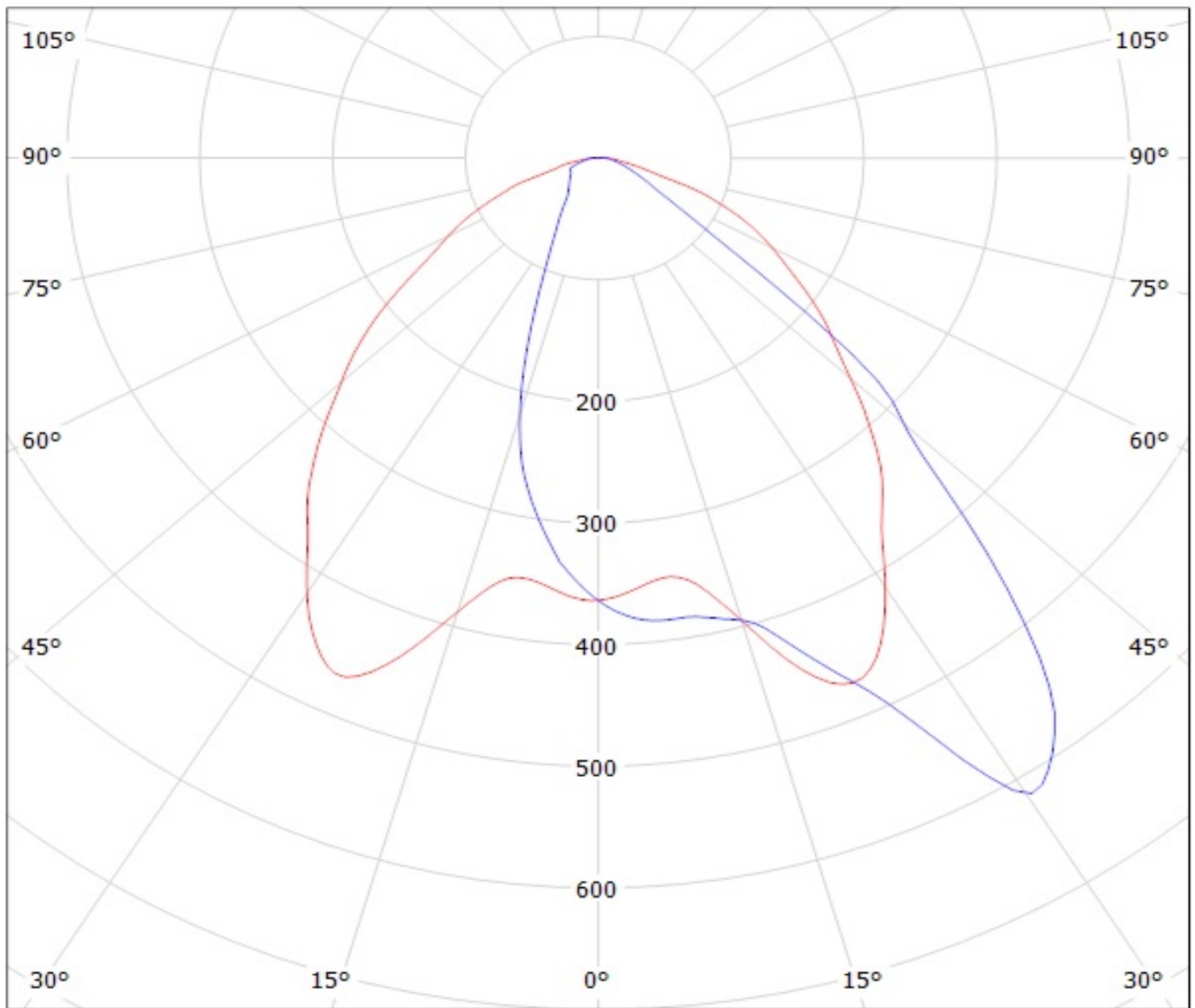


cd/klm

— C0 - C180 — C90 - C270

$\eta = 97\%$

Luminaire: LEDiL Oy C13699_STRADA-2X2-DN_(Oslon_Square_PC_2x2)
Lamps: 1 x Osram_Oslon_Square_PC_2x2_(GWCSSRM1.PC)
_411.322lm@250mA_P=2.85186W_I=0,2499A

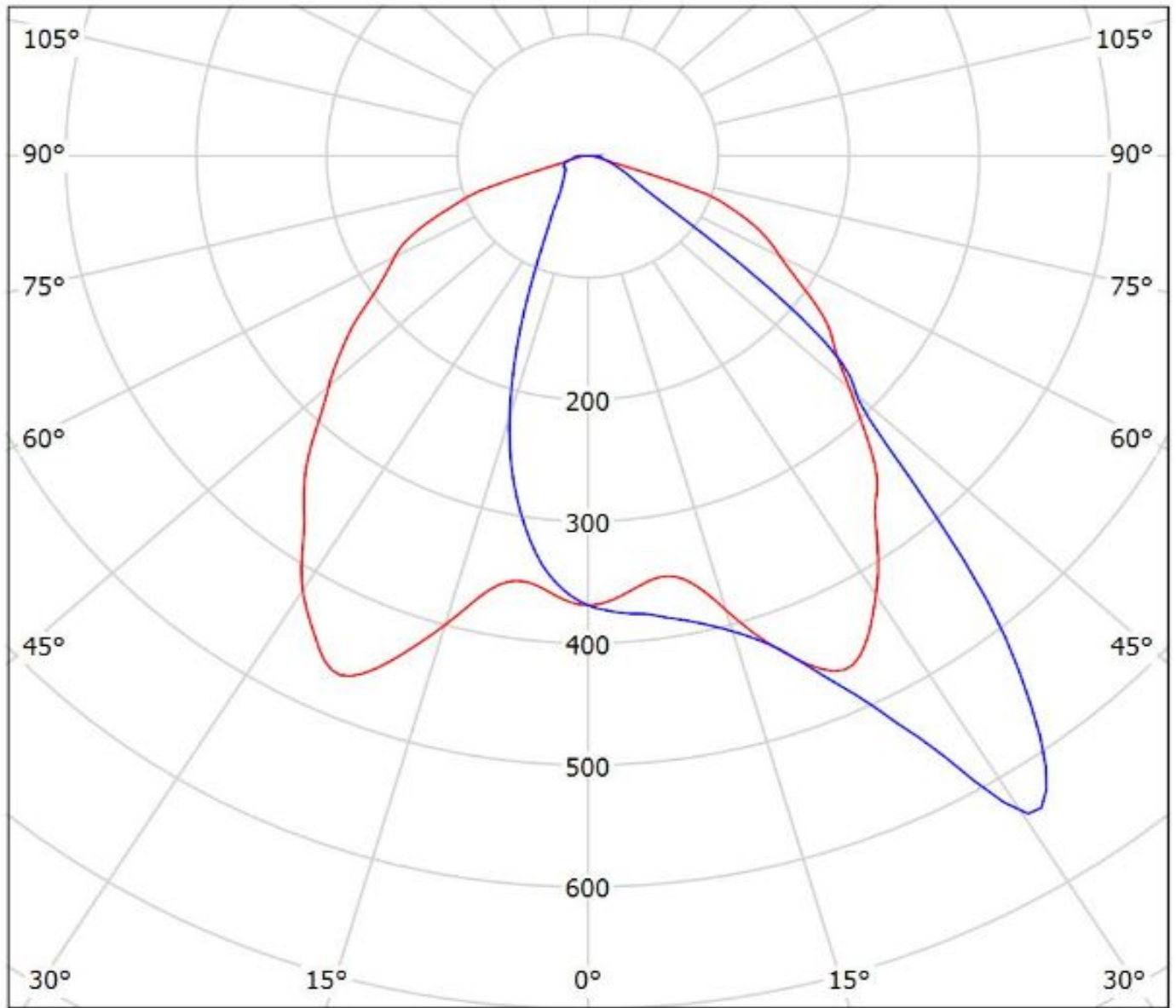


cd/klm

— C0 - C180 — C90 - C270

$\eta = 97\%$

Luminaire: Ledil C13699_STRADA-2X2-DN_(Fortimo_FastFlex_LED_board_2x8/740_DA_G3)
Lamps: 1 x Fortimo_FastFlex_LED_board_2x8/740_DA_G3_1828.23lm@250mA_P=11.667W_I=0.25A

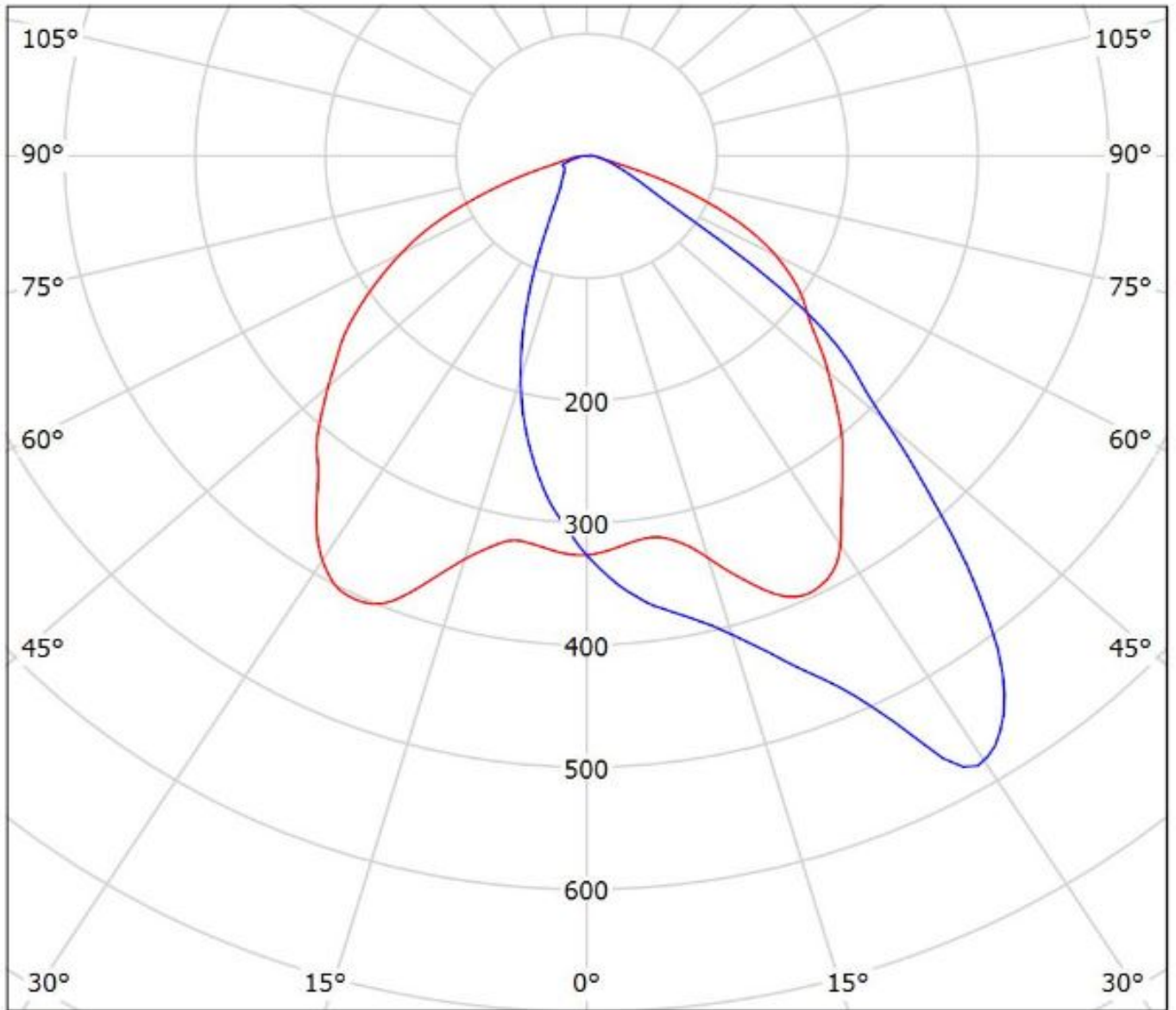


cd/klm
— C0 - C180 — C90 - C270

$\eta = 97\%$

Luminaire: Ledil C13699_STRADA-2X2-DN_(LH351B)

Lamps: 1 x Samsung_LH351B_2x2_444.178lm@250mA_P=2.8535W_I=0.25A



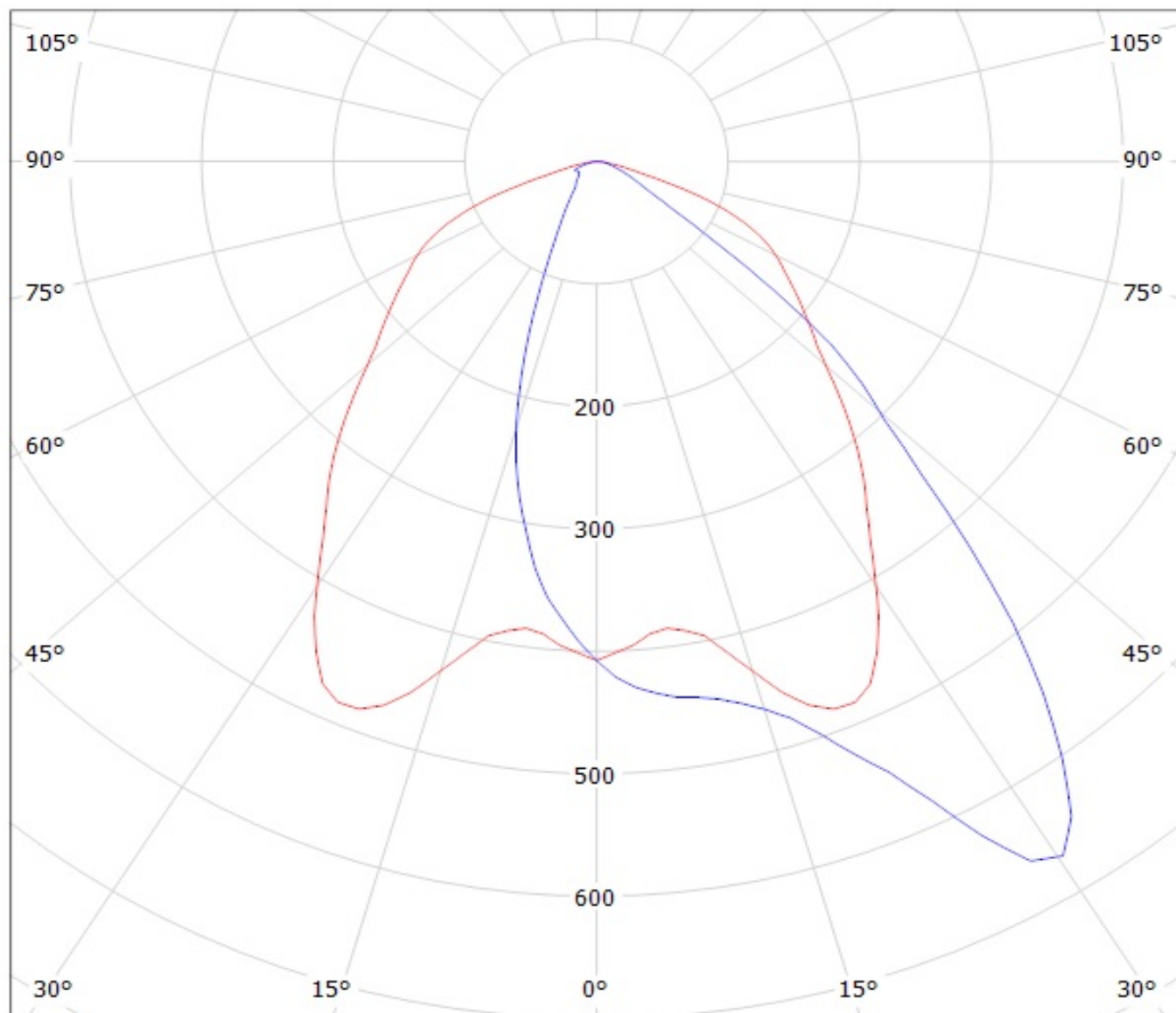
cd/klm

— C0 - C180

— C90 - C270

$\eta = 96\%$

Luminaire: LEDil Oy C13699_STRADA-2X2-DN_(Z5M1) Efficiency=94%
Lamps: 1 x Seoul Z5M1 (SZ5-M1-WN-C8) 379lm @ 250mA CCT=4600K P=2.9W I=250mA



cd/klm

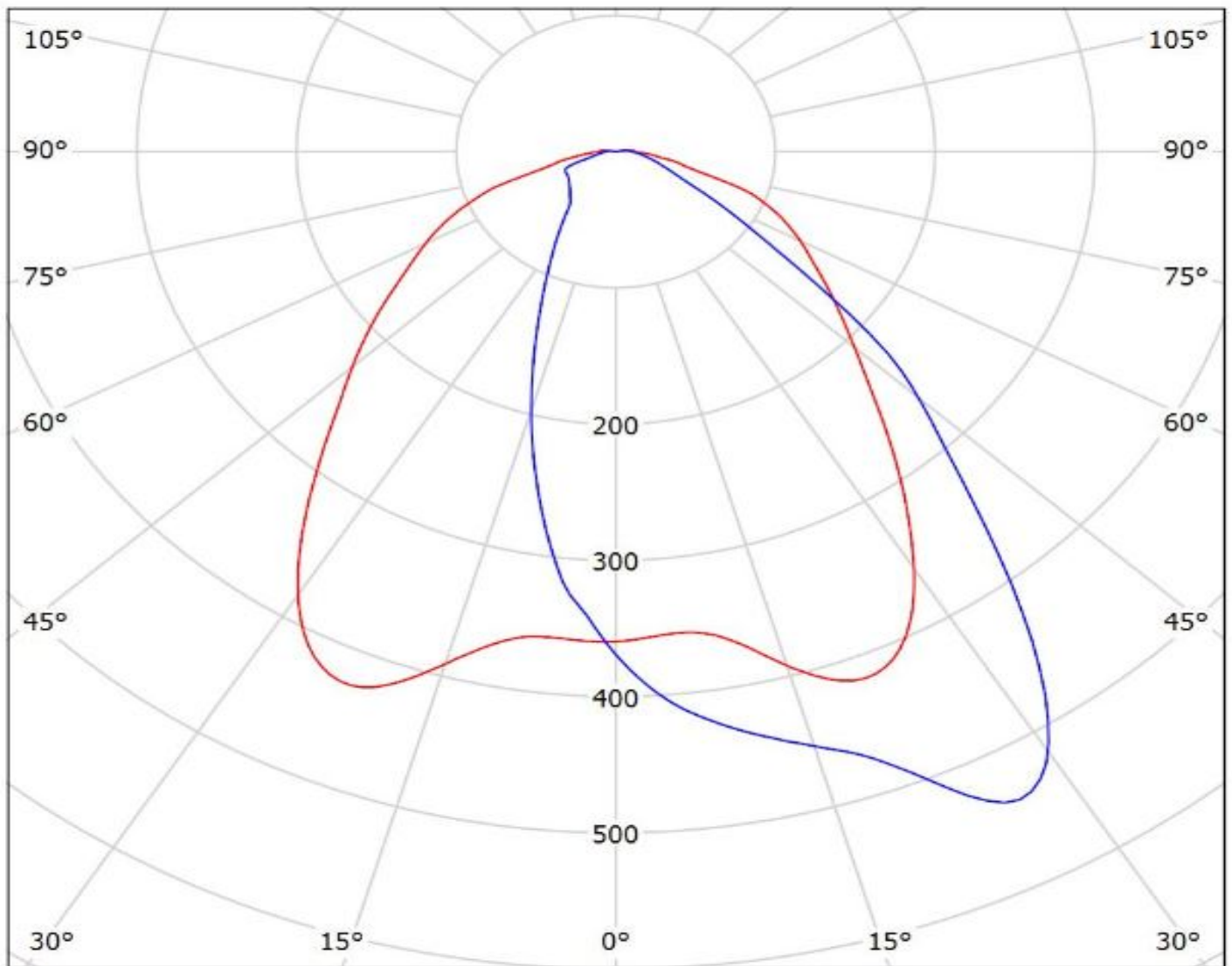
— C0 - C180

— C90 - C270

Ledil C13699_STRADA-2X2-DN_(TL1L3) / LDC (Polar)

Luminaire: Ledil C13699_STRADA-2X2-DN_(TL1L3)

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



cd/klm

— C0 - C180

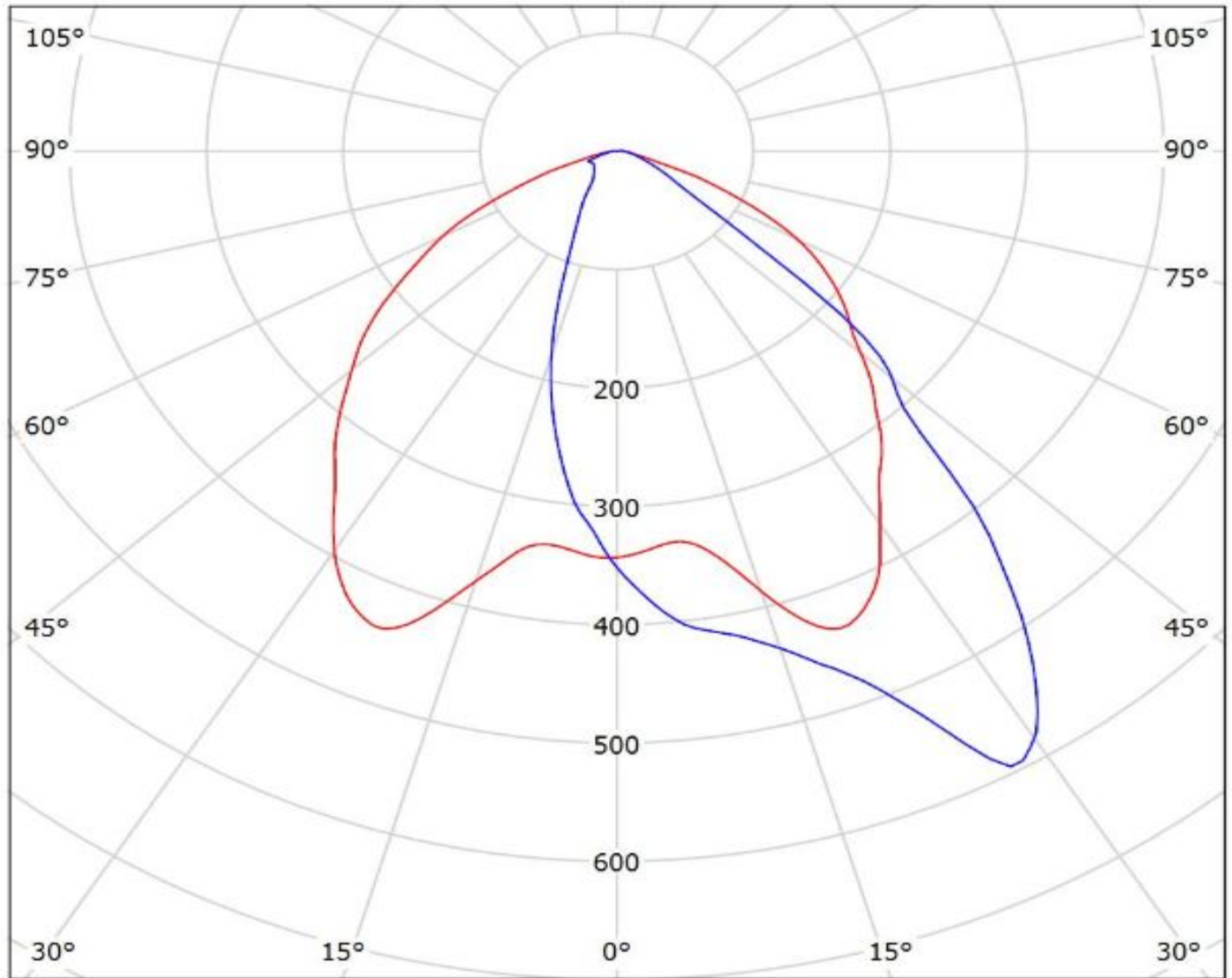
— C90 - C270

$\eta = 96\%$

Ledil C13699_STRADA-2X2-DN_(TL1L4) / LDC (Polar)

Luminaire: Ledil C13699_STRADA-2X2-DN_(TL1L4)

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



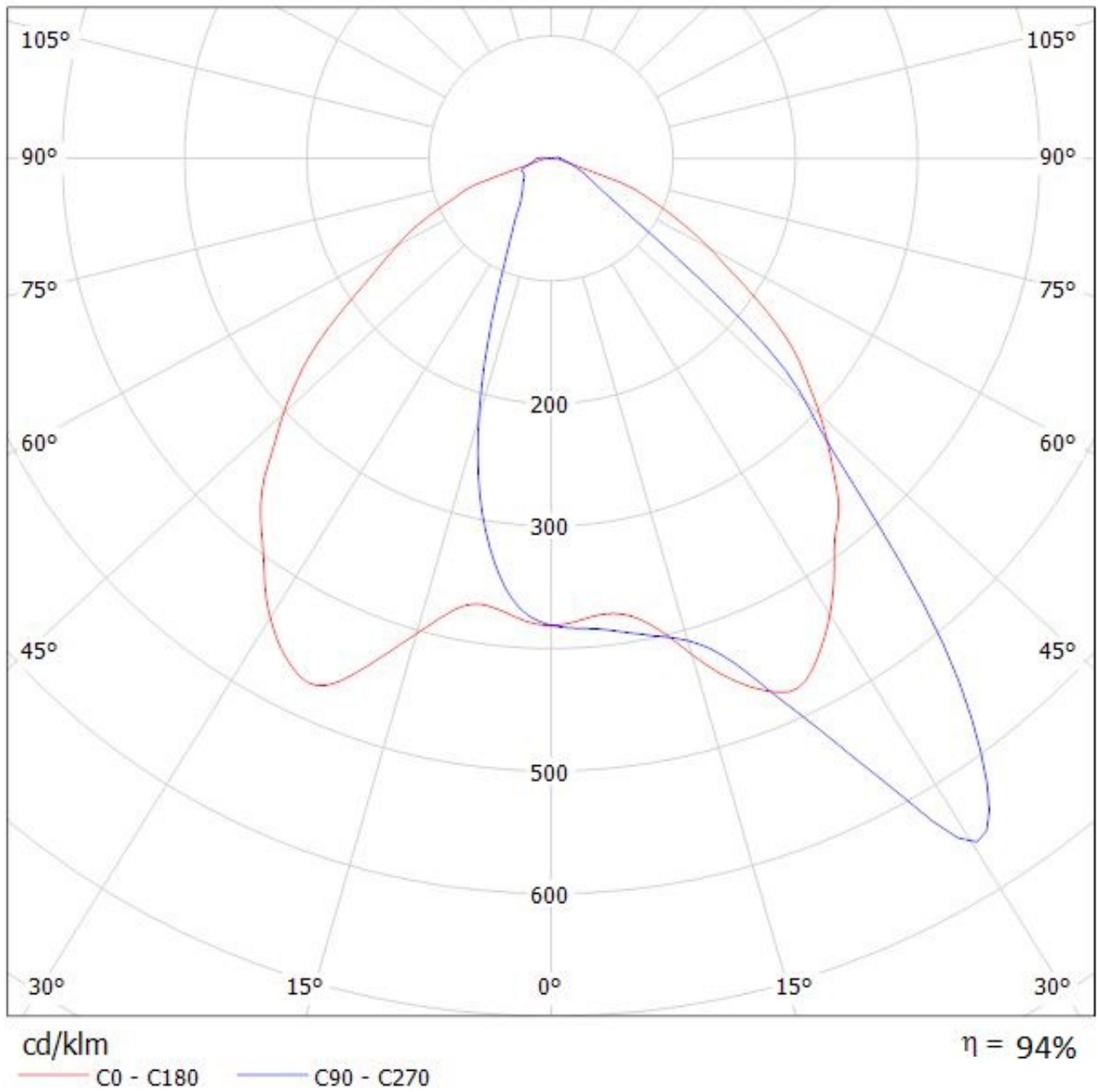
cd/klm

— C0 - C180

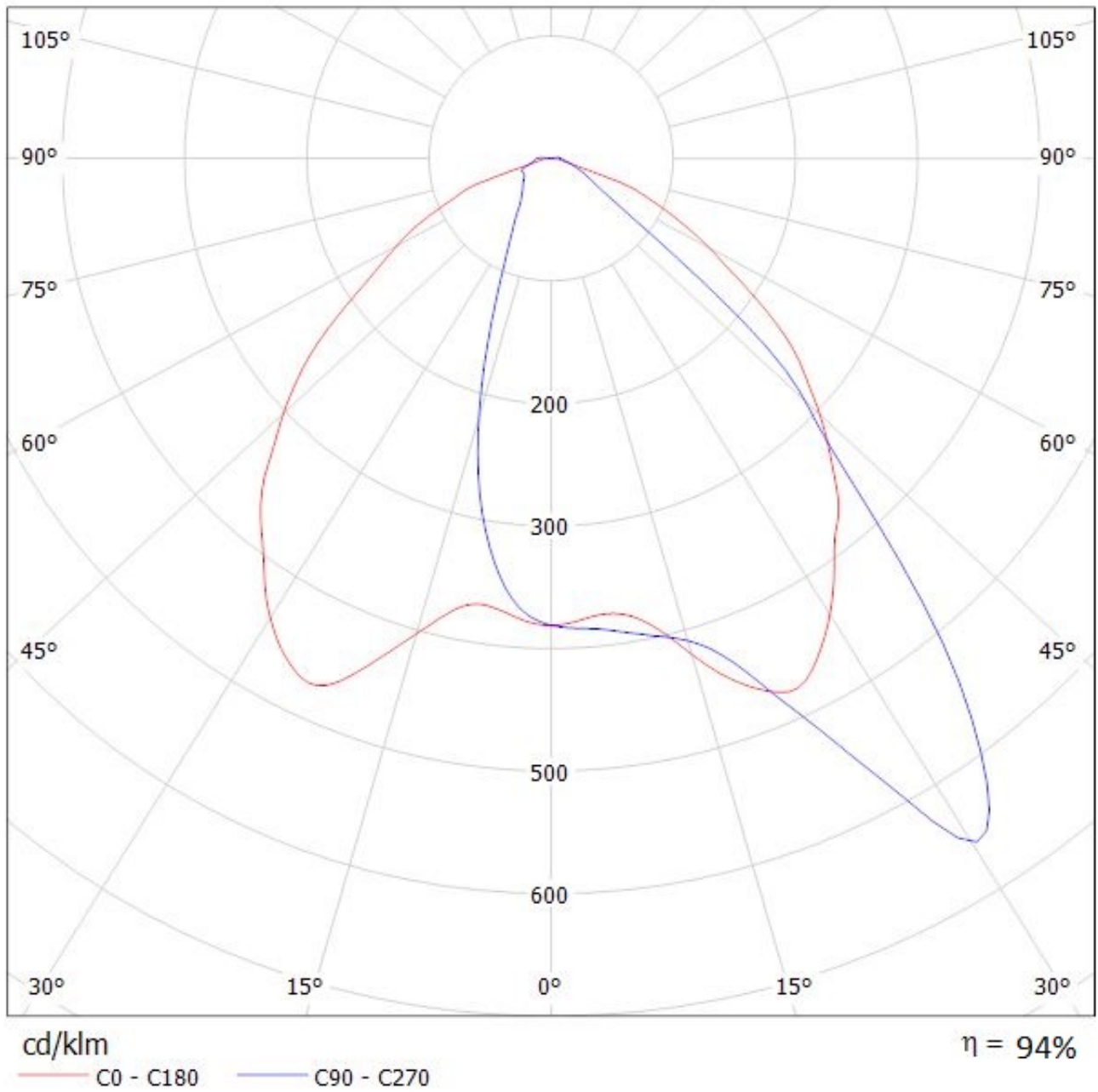
— C90 - C270

$\eta = 91\%$

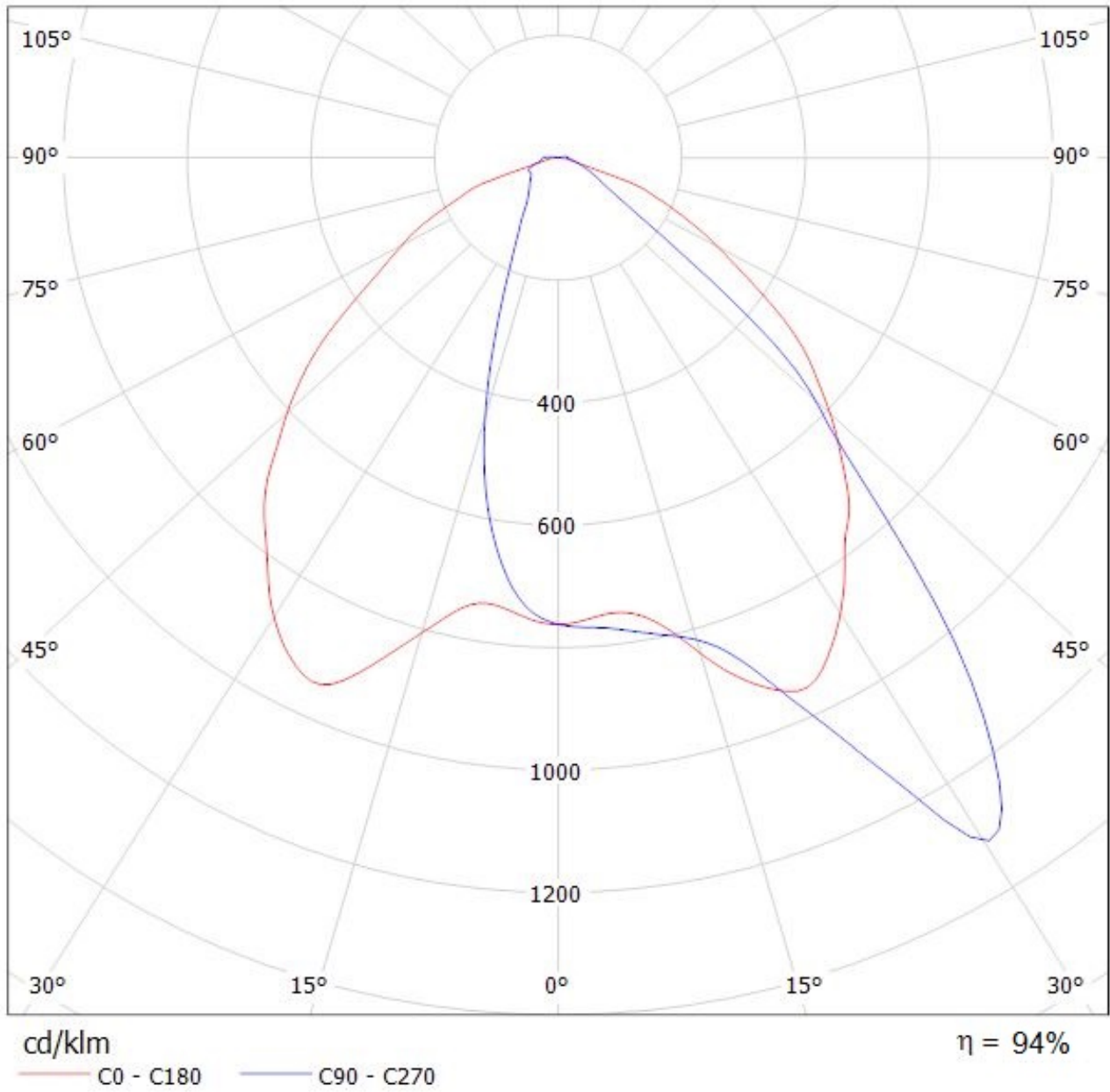
Luminaire: LEDiL Oy C13699_STRADA-2X2-DN_(Tridonic_Module_RLE_G1)
Lamps: 1 x Tridonic_Module_RLE_G1_4576.03lm@700mA_P=32.0681W_I=0.700A



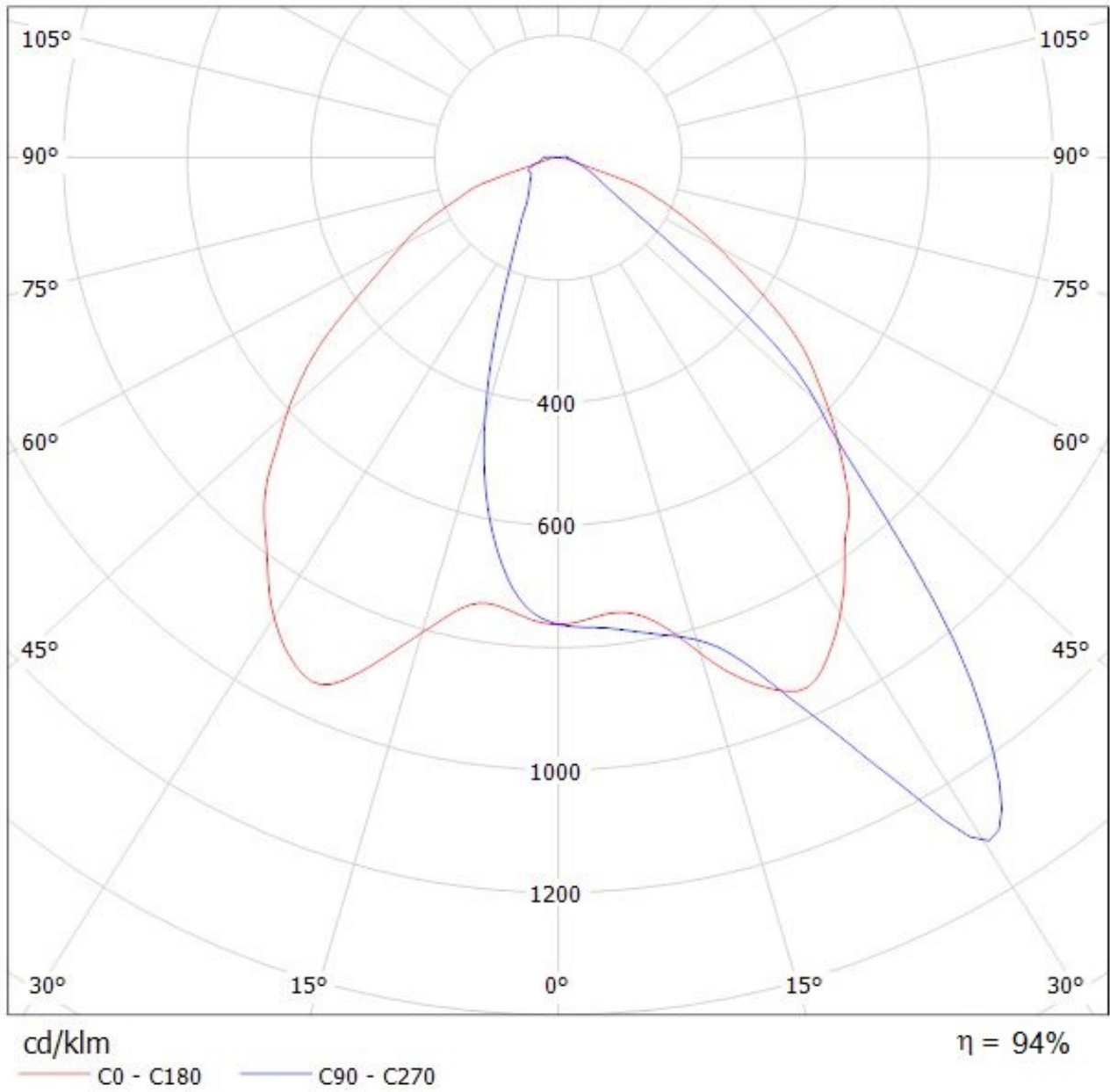
Luminaire: LEDiL Oy C13699_STRADA-2X2-DN_(Tridonic_Module_RLE_G1)
Lamps: 1 x Tridonic_Module_RLE_G1_4576.03lm@700mA_P=32.0681W_I=0.700A



Luminaire: LEDiL Oy C13699_STRADA-2X2-DN_(Tridonic_Module_RLE_G1)
Lamps: 1 x Tridonic_Module_RLE_G1_2288lm@700mA_P=16W_I=0.700A



Luminaire: LEDiL Oy C13699_STRADA-2X2-DN_(Tridonic_Module_RLE_G1)
Lamps: 1 x Tridonic_Module_RLE_G1_2288lm@700mA_P=16W_I=0.700A



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.