

DETAILS

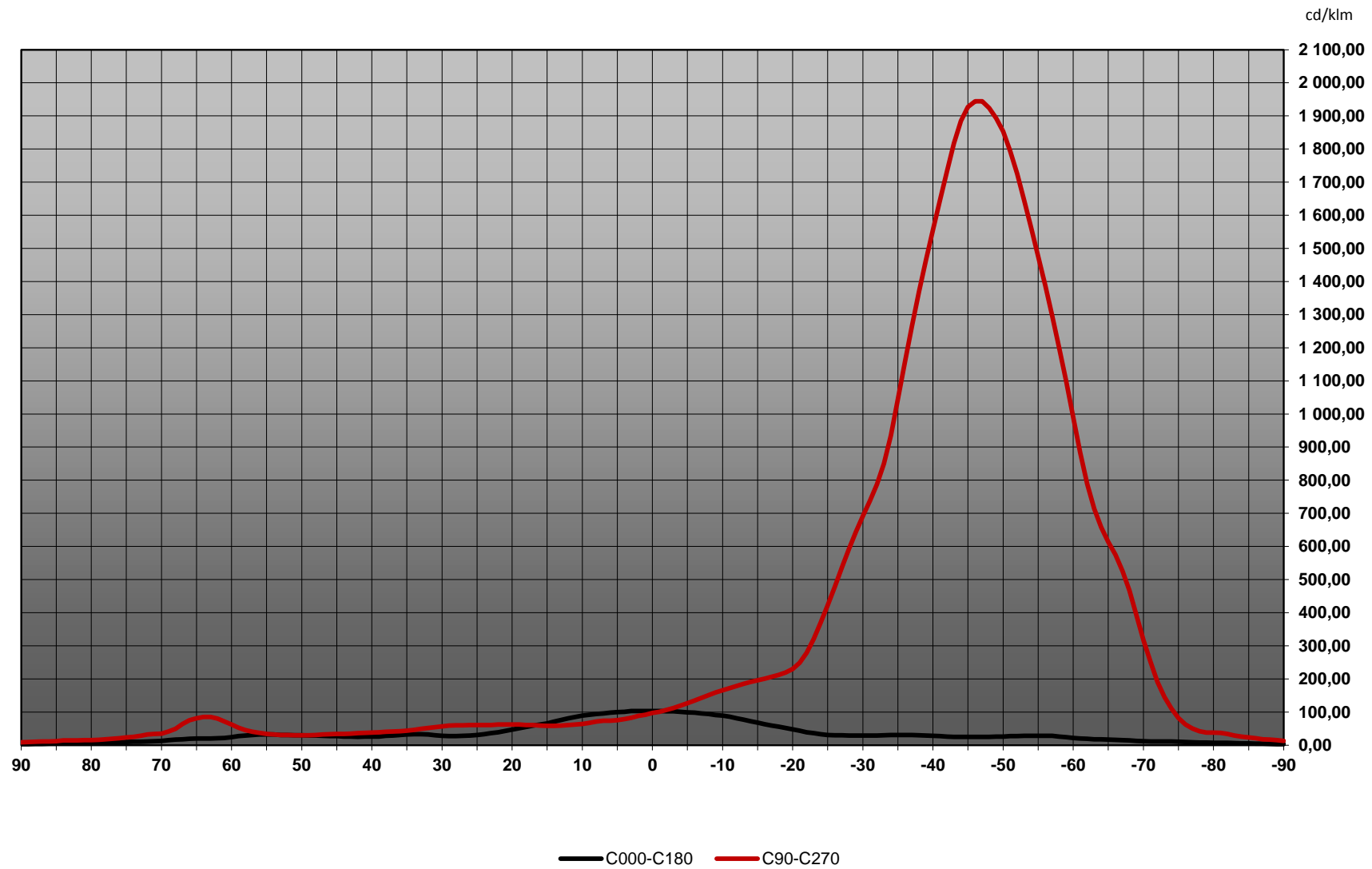
Product Number	C14556_STRADA-2X2-TF
Family	Strada
Type	Lens array
Color	clear
Diameter	50 x 50 mm
Height	8,73 mm
Style	square
Optic Material	PMMA
Holder Material	
Fastening	
Status	production ready
ROHS Compliant	Yes
Date Updated	21/04/2016



OPTICAL PROPERTIES

LED	Viewing Angle	Light Beam	Efficiency	cd/lm	Connector
XP-G2	Asymmetric deg	Asymmetric	94 %	2.100	-
H35C1 (LEMWA33)	Asymmetric deg	Asymmetric	94 %	1.900	-
LUXEON T	Asymmetric deg	Asymmetric	94 %	1.950	-
NVSxE21A	asym deg	Asymmetric	94 %	2.900	-
NVSW3x9A	Asymmetric deg	Asymmetric	94 %	1.600	-
NWSx229A	sim: Asym	Asymmetric	sim: 92 %	sim: 1.200	-
Oslon Square PC	Asymmetric deg	Asymmetric	94 %	2.200	-
Oslon Square Gen3	Asymmetric deg	Asymmetric	94 %	1.200	-
Fortimo FastFlex LED board 2x8 DA G4	Asymmetric deg	Asymmetric	94 %	2.100	-
LH351B	Asymmetric deg	Asymmetric	94 %	1.640	-
LH351D	sim: asym	Asymmetric	sim: 88 %	sim: 1.150	-
Z5M1/Z5M2	sim: Asymmetric	Asymmetric	sim: 94 %	sim: 1.810	-
TL1L4	Asymmetric deg	Asymmetric	91 %	2.000	-
RLE G1 49x223mm 4000lm xxx EXC OT	Asymmetric deg	Asymmetric	94 %	2.100	-
RLE G1 49x245mm 4000lm xxx EXC OT	Asymmetric deg	Asymmetric	94 %	2.100	-
RLE G1 49x121mm 2000lm xxx EXC OT	Asymmetric deg	Asymmetric	94 %	2.100	-
RLE G1 49x133mm 2000lm xxx EXC OT	Asymmetric deg	Asymmetric	94 %	2.100	-

Absolute intensity of C14556_STRADA-2X2-TF_(Luxeon_T)

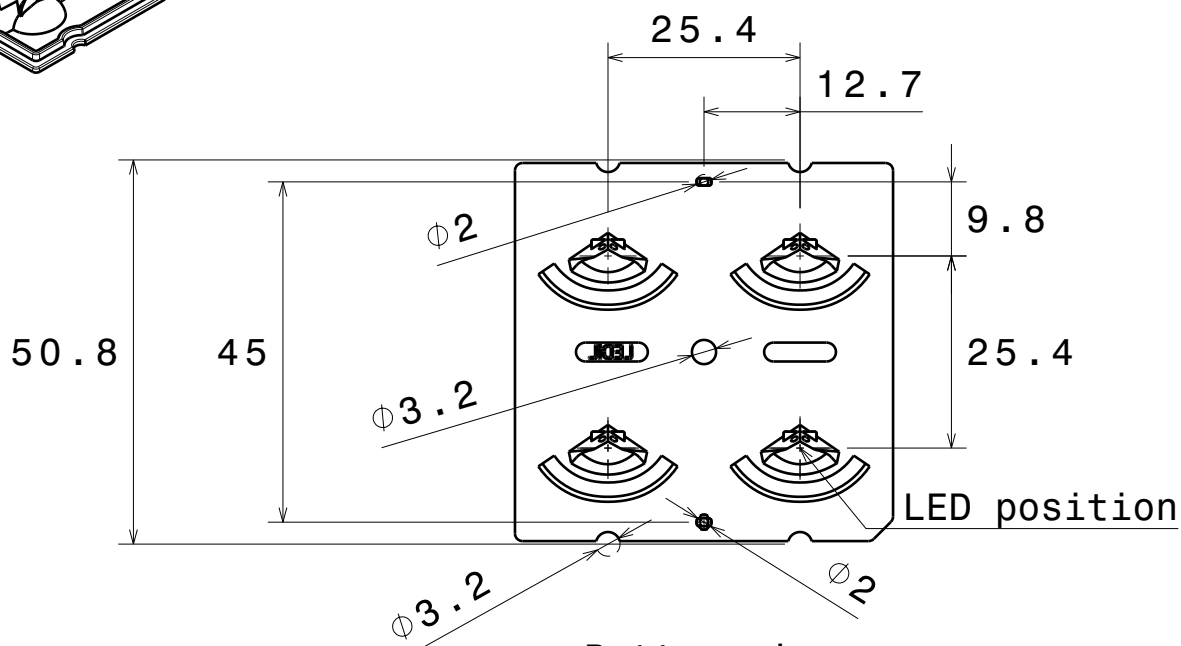
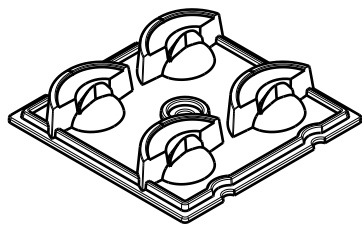


D

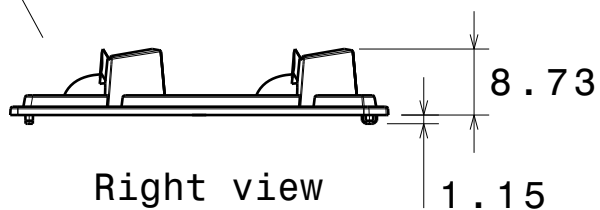
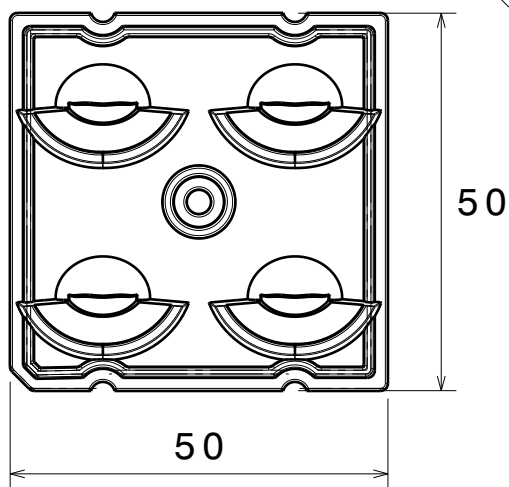
C

B

A



Beam direction



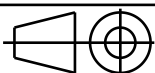
INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	C14556	STRADA-2x2-TF	PMMA	clear

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

C14556_STRADA-2x2-TF

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of LEDiL Oy. It may not be
reproduced, copied or
communicated without a written
agreement with LEDiL Oy.

SIZE PART NUMBER

A4

C14556

SCALE 1:1

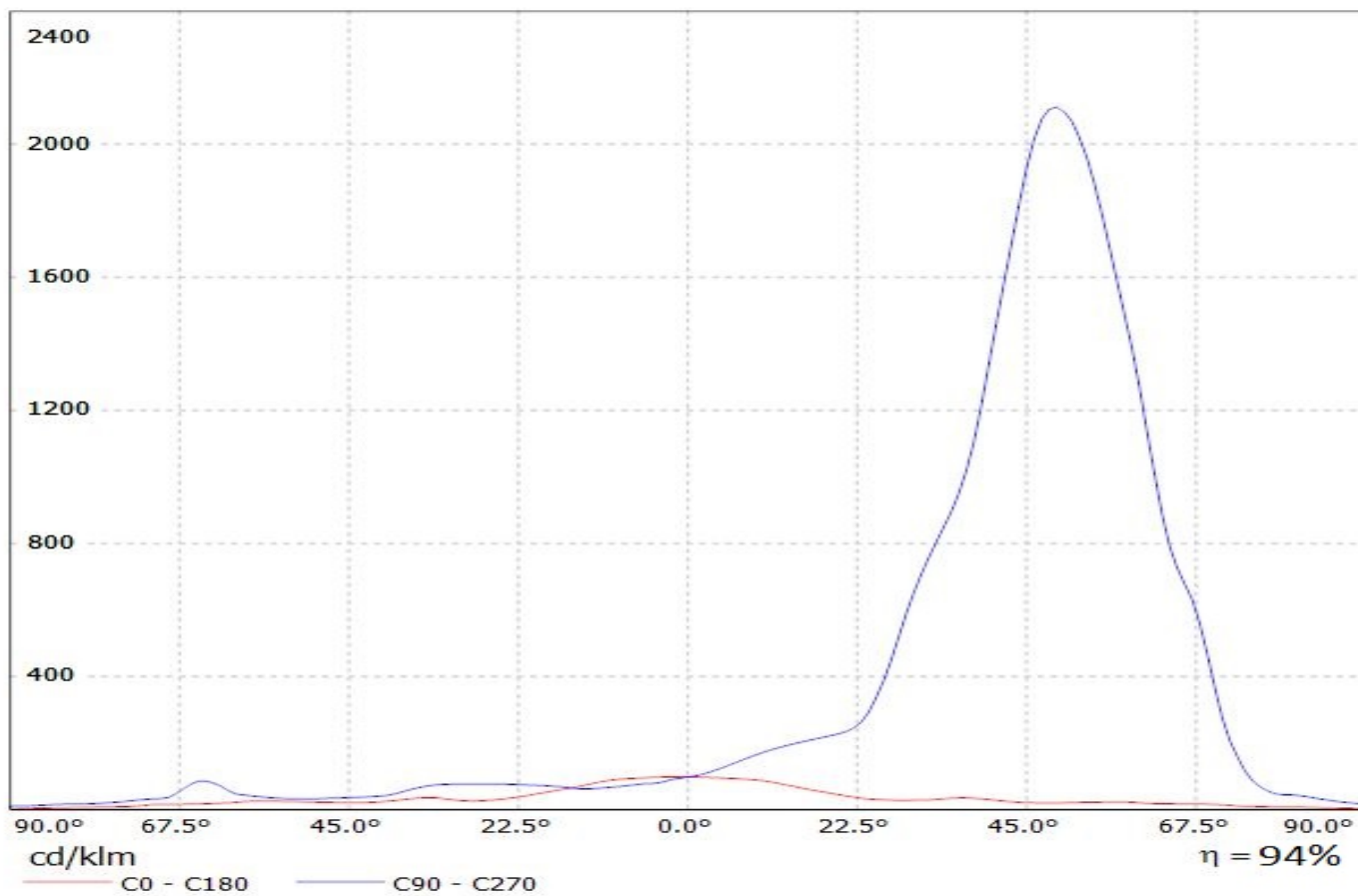
SHEET 1/1

D

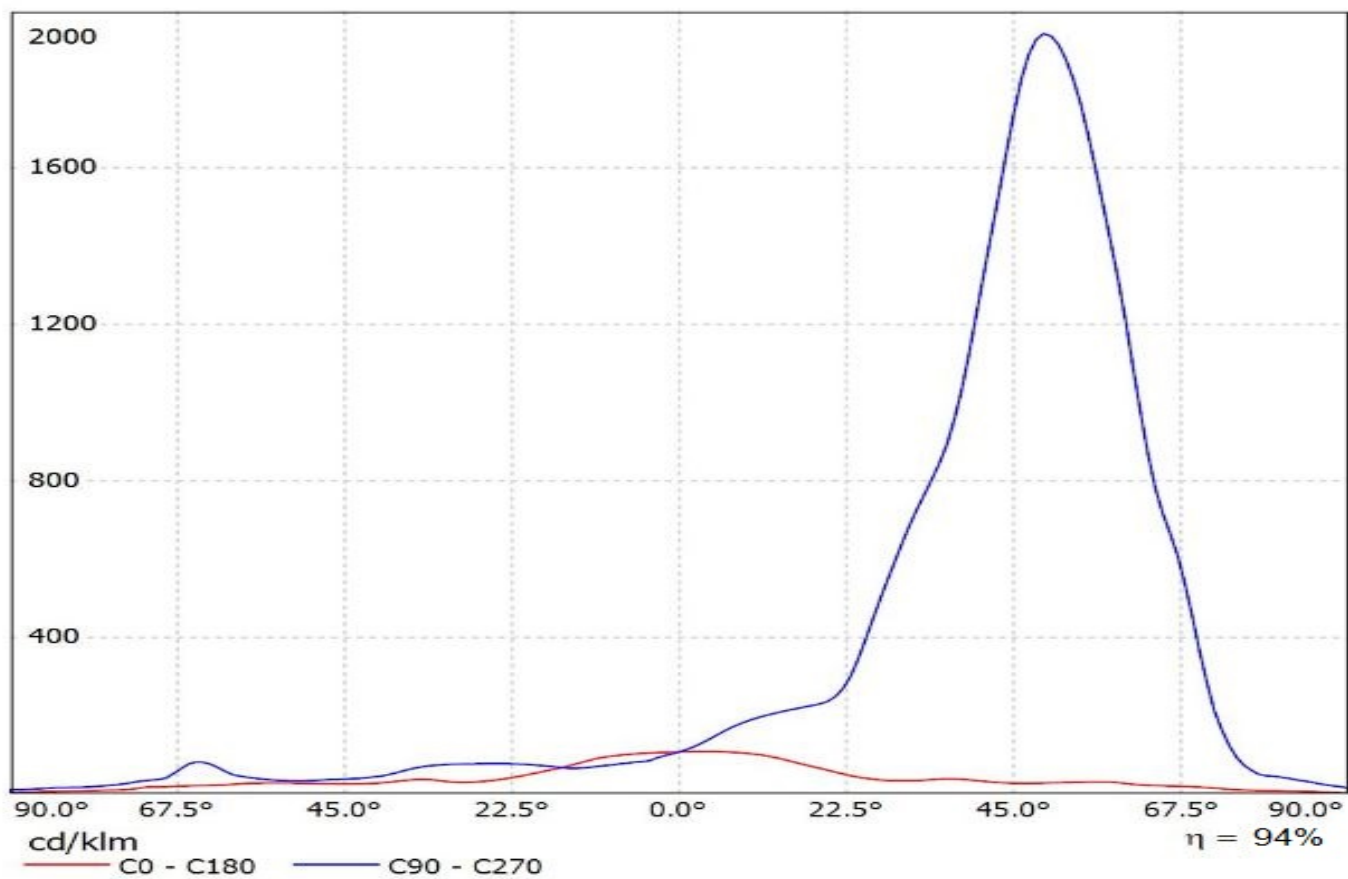
A

Luminaire: LEDiL Oy C14556_STRADA-2X2-TF_(XP-G2)

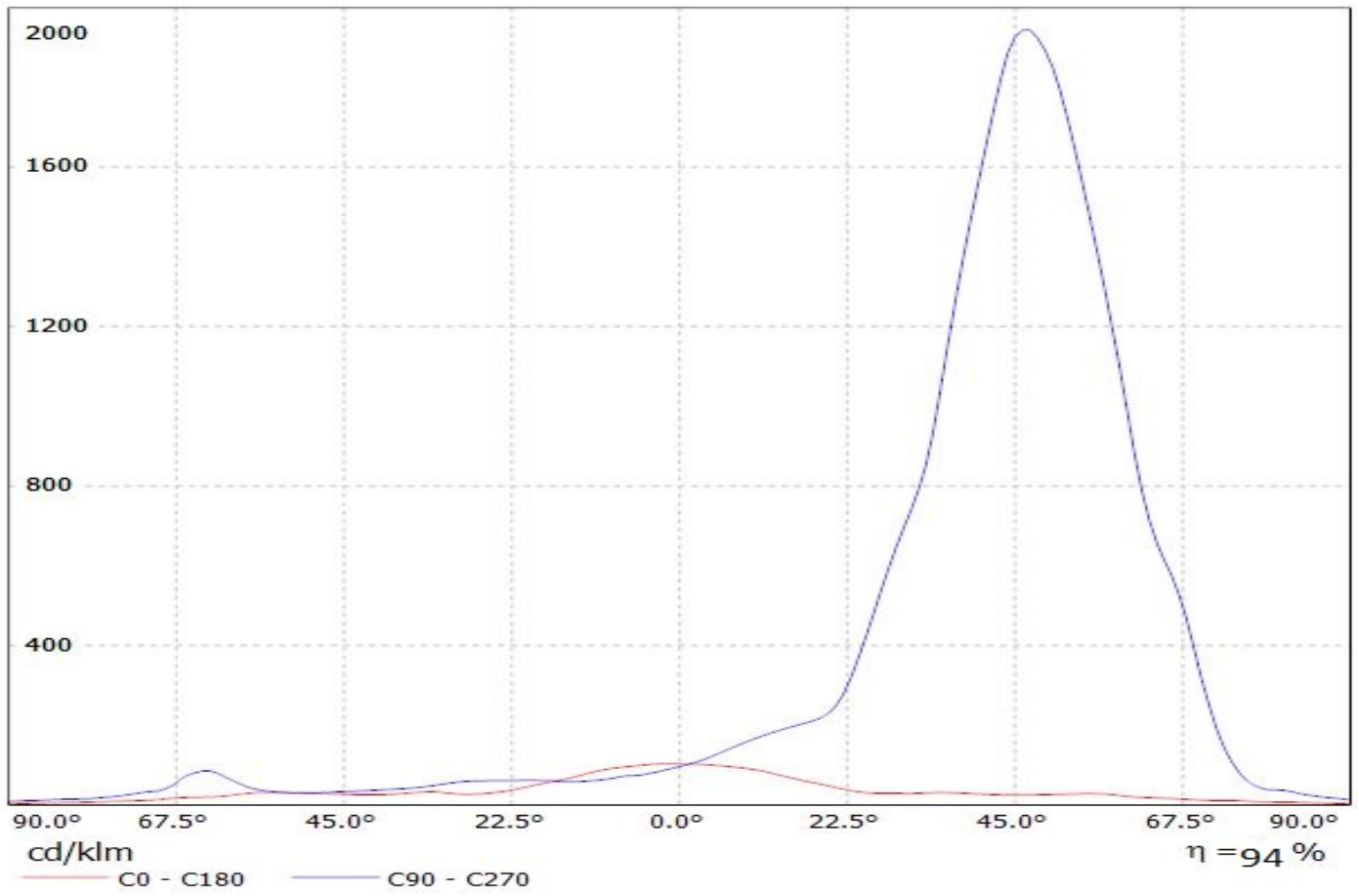
Lamps: 1 x Cree_XP-G2_(XPGBWT-L1-000-00-G51)_409.845lm@250mA_P=2.94464_I=0.250A



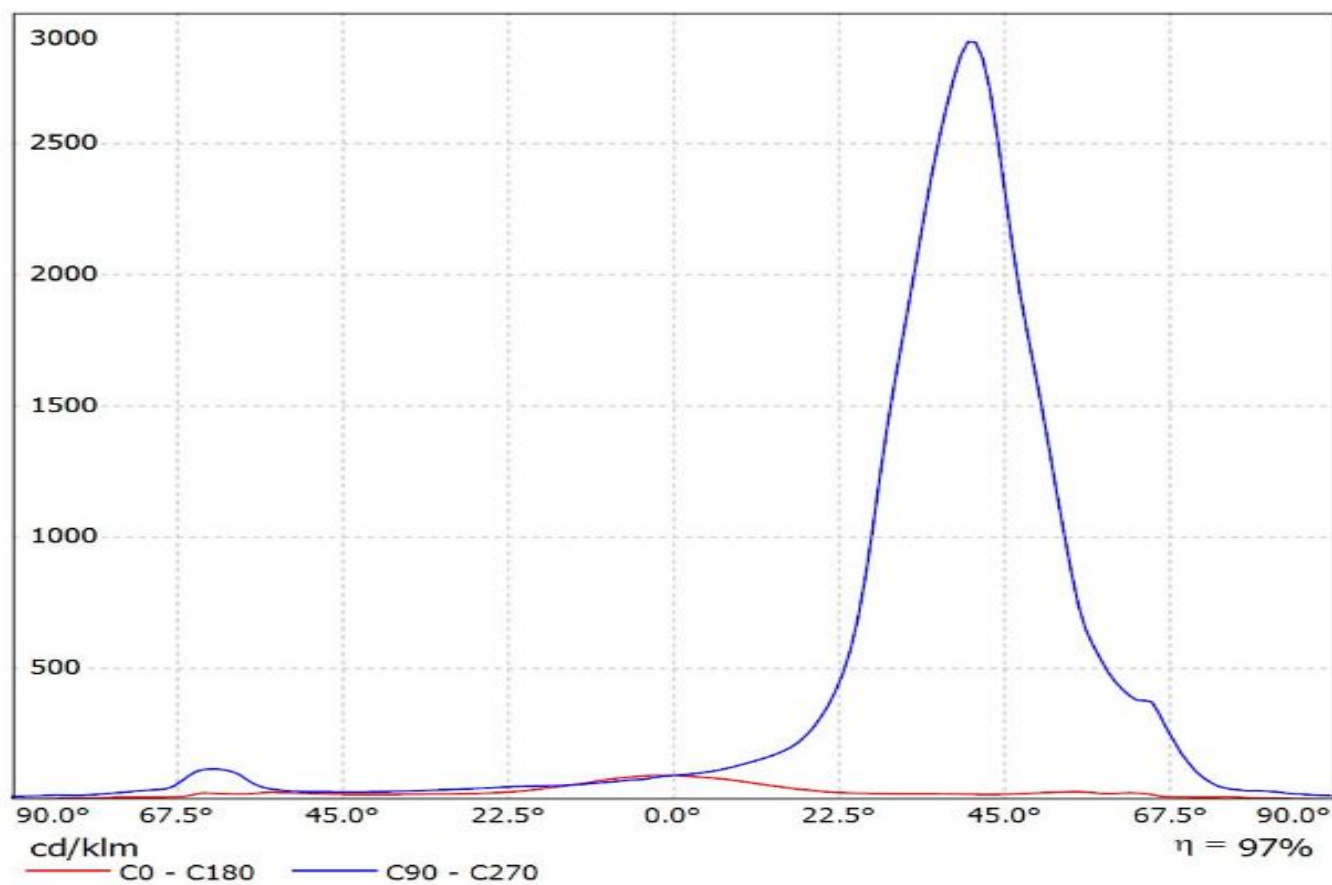
Luminaire: Ledil C14556_STRADA-2X2-TF_(H35C1)
Lamps: 1 x LG_H35C1_2x2_477.216lm@250mA_P=2.87475W_I=0.250A



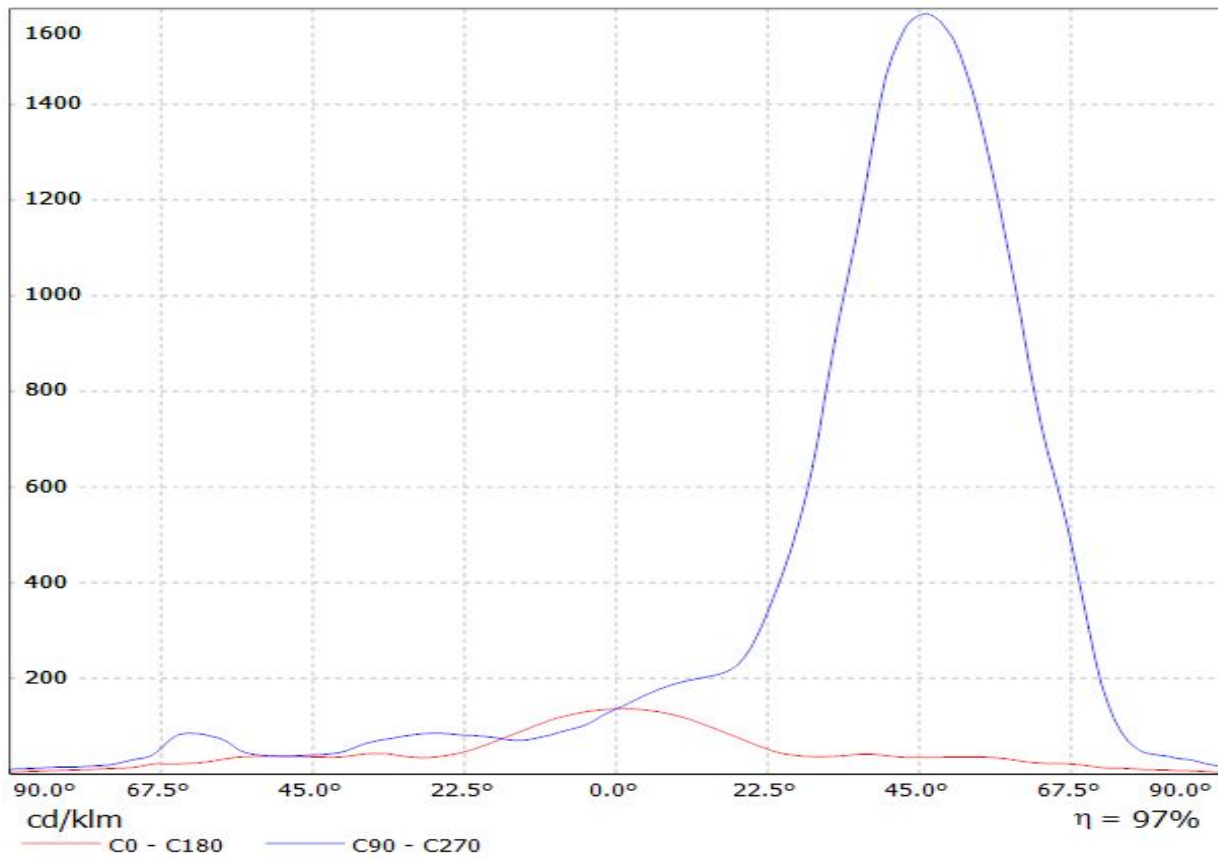
Luminaire: LEDiL Oy C14556_STRADA-2x2-TF_(Luxeon_T_2x2)
Lamps: 1 x Luxeon_T_2x2_288.784lm@250mA_P=2.80151W_I=0.250A



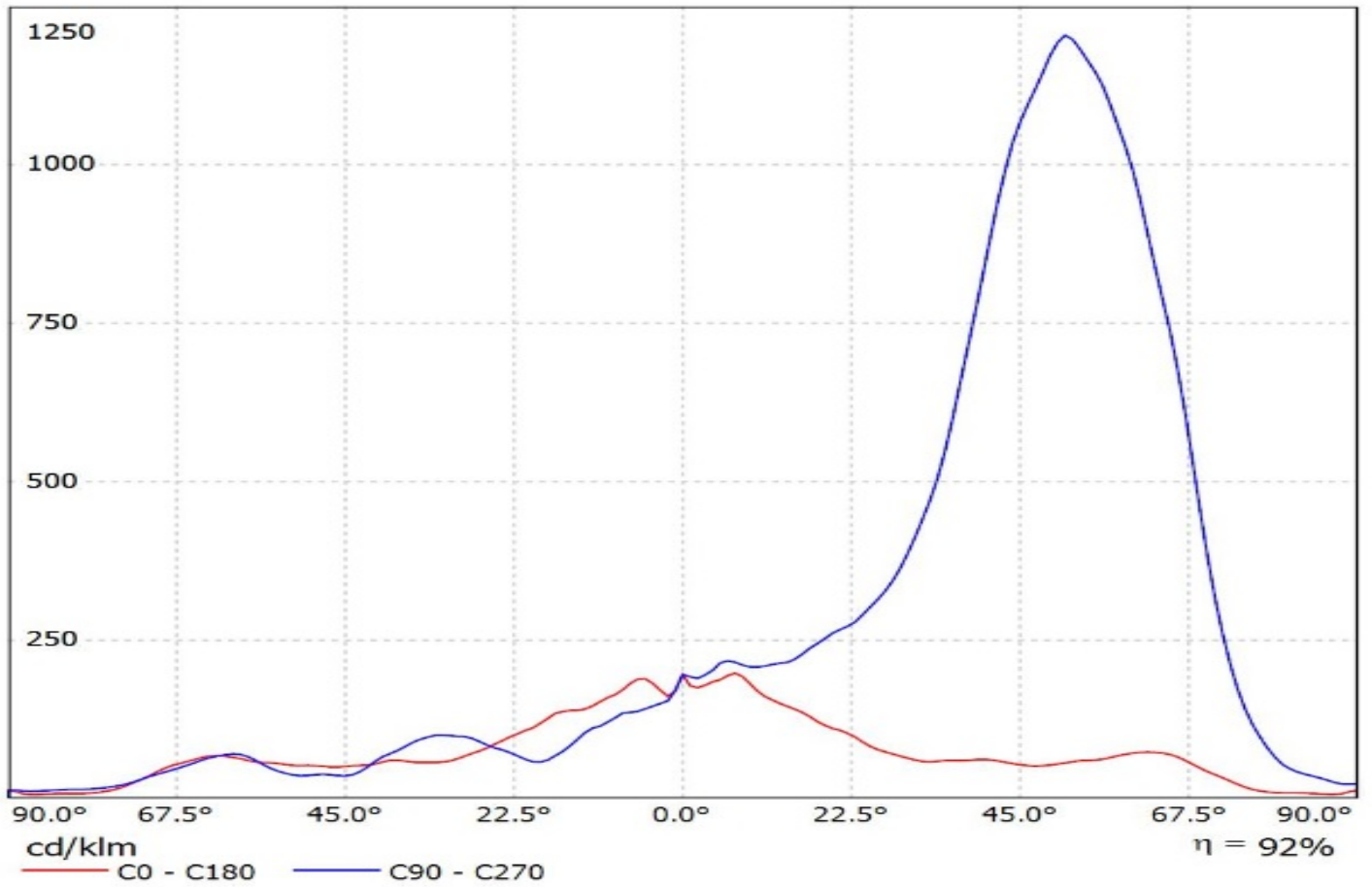
Luminaire: LEDiL Oy C14556_STRADA-2X2-TF_(E21A)
Lamps: 1 x Nichia_E21A_2X2_454.11lm@250mA_P=2.81W_I=0.250A



Luminaire: LEDiL Oy C14556_STRADA-2X2-TF_(NVSW319AE)
Lamps: 1 x Nichia_NVSW319AE_499.093lm@250mA_P=2.79052W_I=0.25A



Luminaire: Ledil Oy C14556_STRADA-2X2-TF_(NWSx229A)_SIMULATED
Lamps: 1 x Nichia NWSW229A

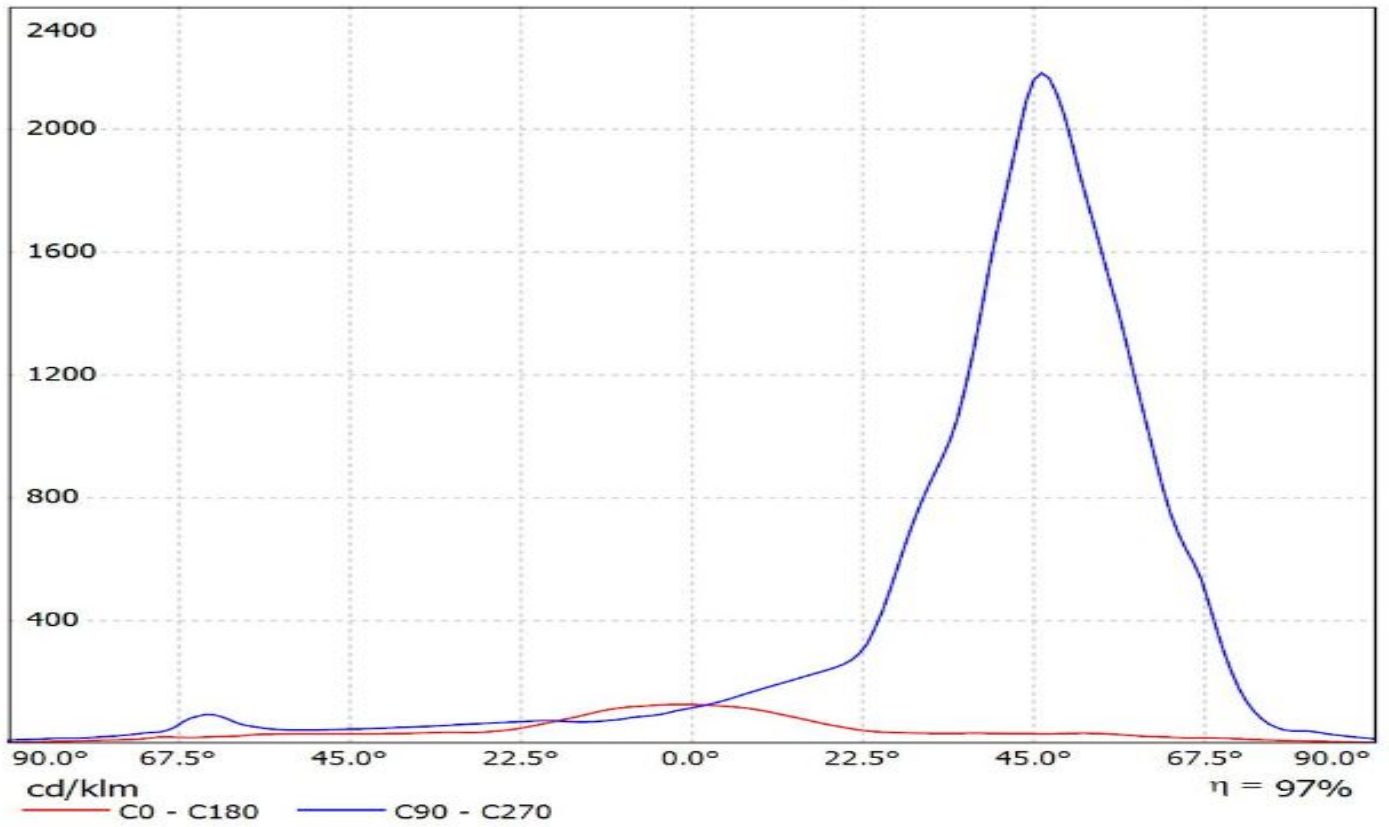


LEDiL Oy C14556_STRADA-2X2-TF_(Oslon_Square_PC) / LDC (Linear)

Luminaire: LEDiL Oy C14556_STRADA-2X2-TF_(Oslon_Square_PC)

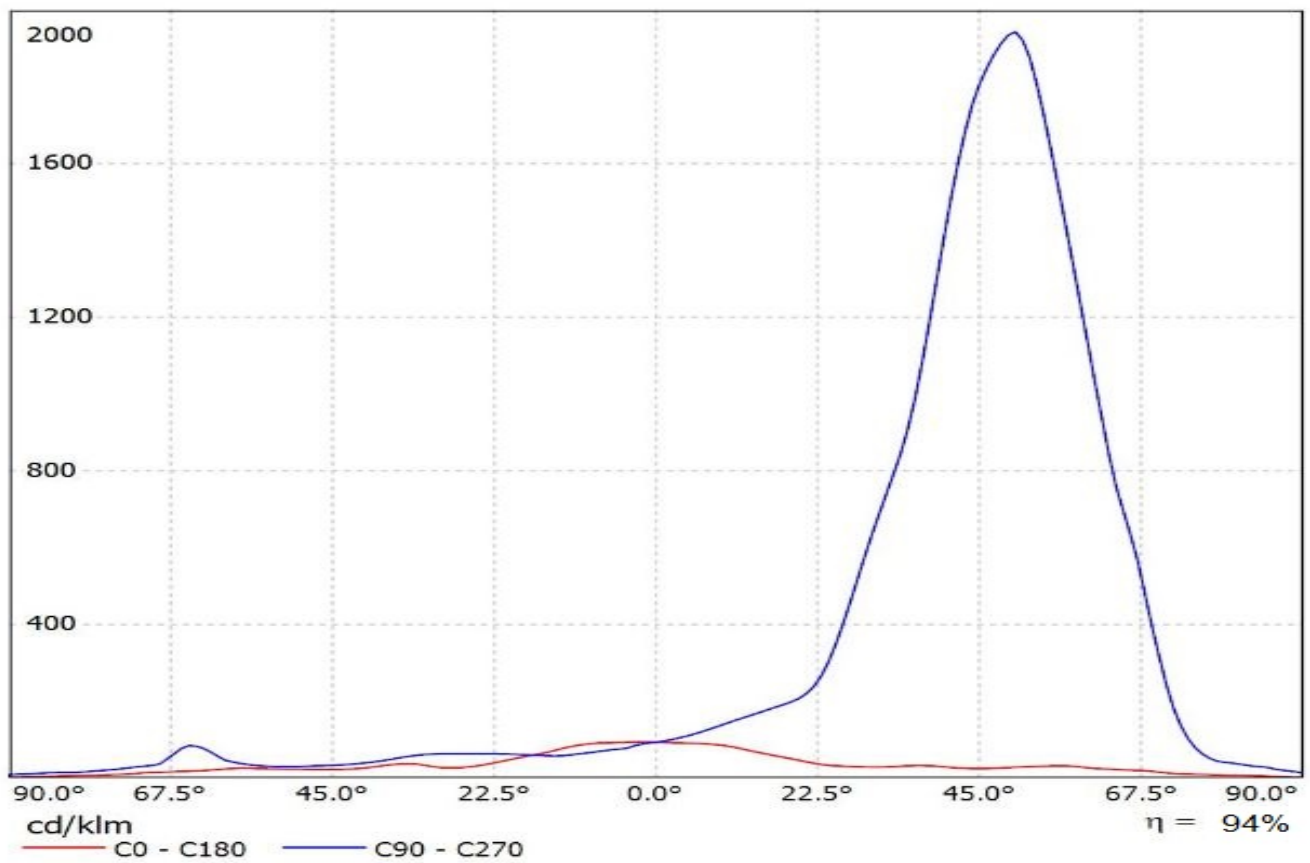
Lamps: 1 x Osram_Oslon_Square_PC_(2x2)_(GW_CSSRM1-PC)

_412.287lm@250lm_P=2.85561W_I=0.2499A

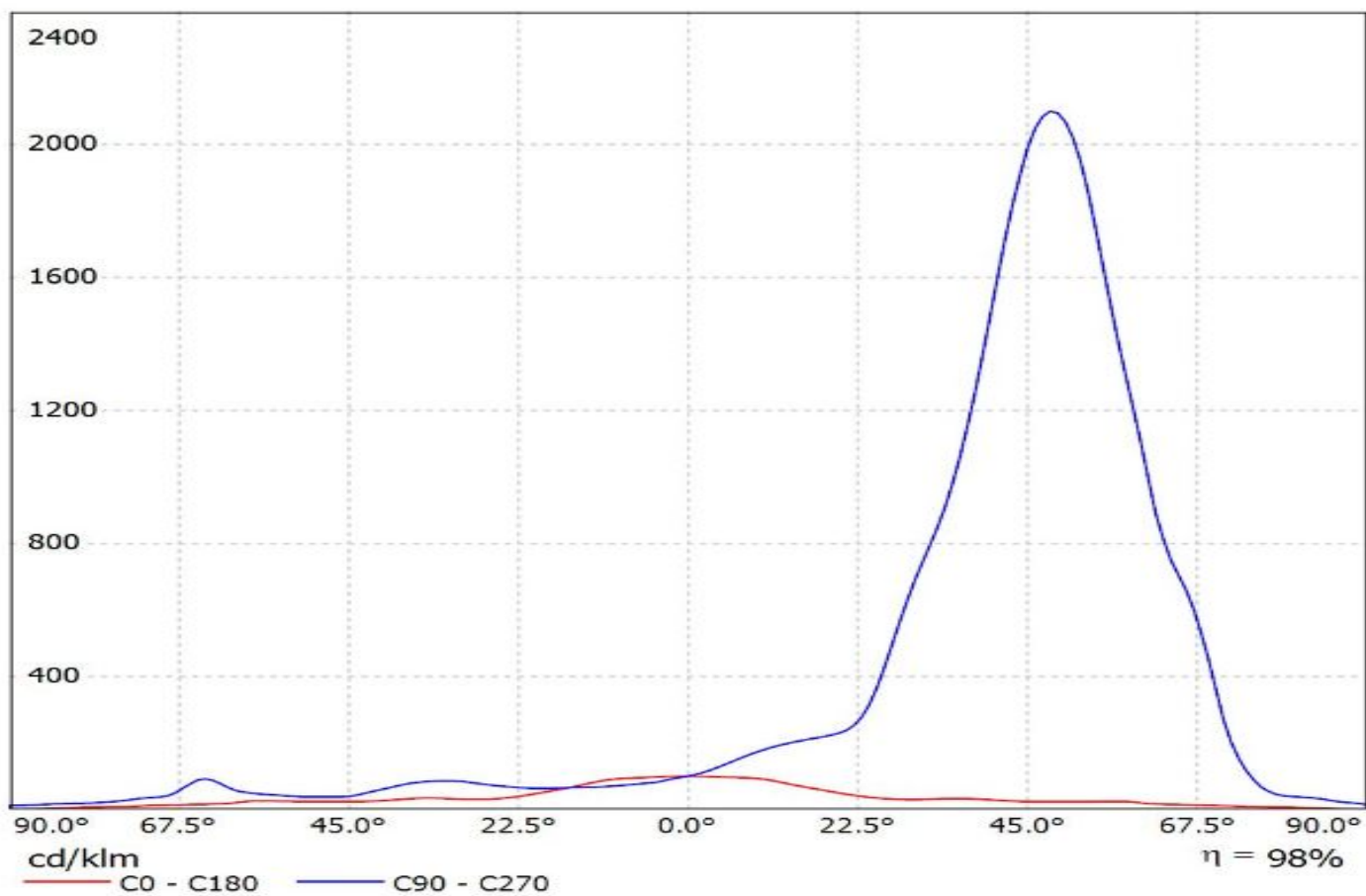


Luminaire: Ledil C14556_STRADA-2X2-TF_(Square_Gen3)

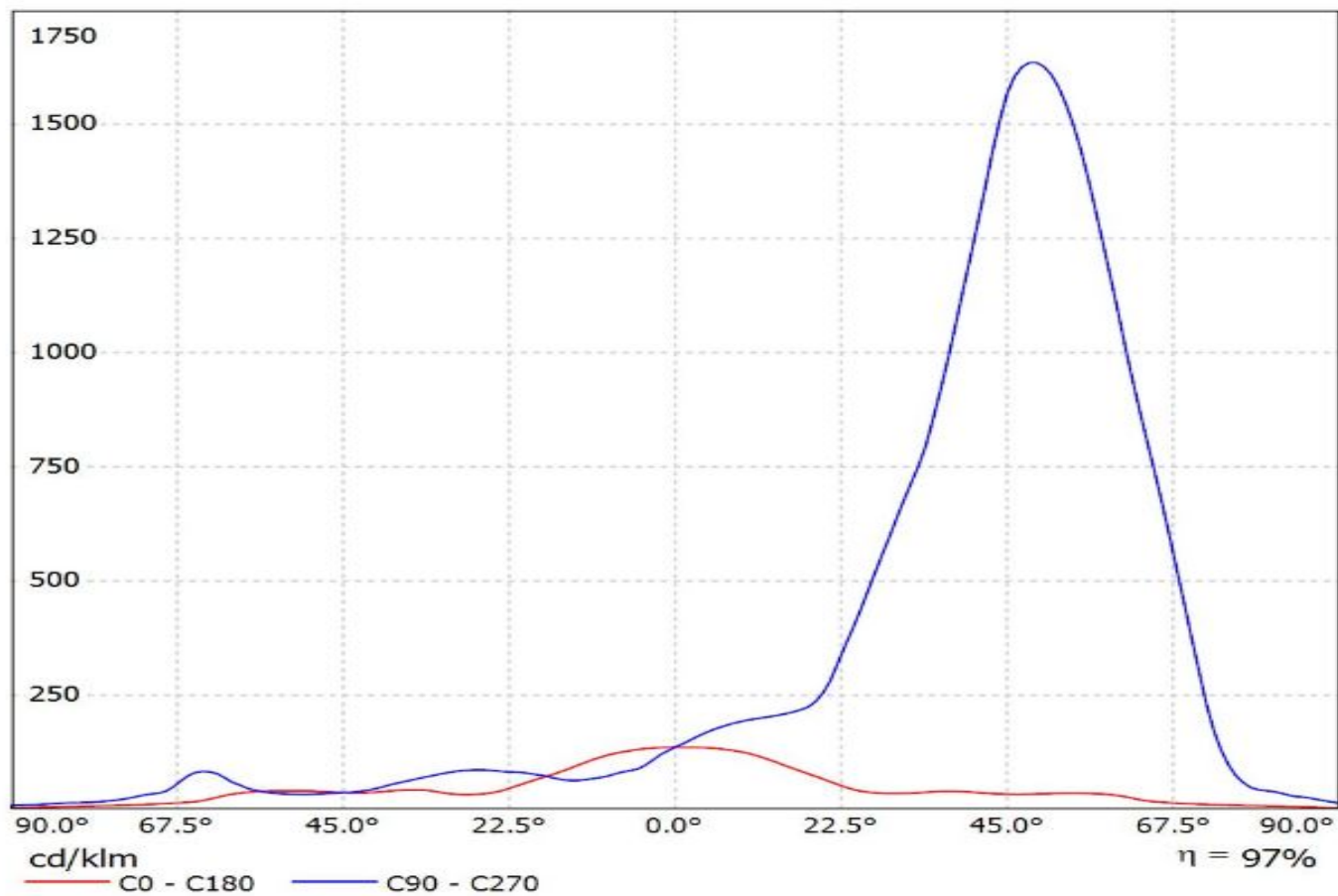
Lamps: 1 x Osram_Square_Gen3_(GW_CSSRM2.PM)_461.082lm@250mA_P=2.79075W_I=0.250A



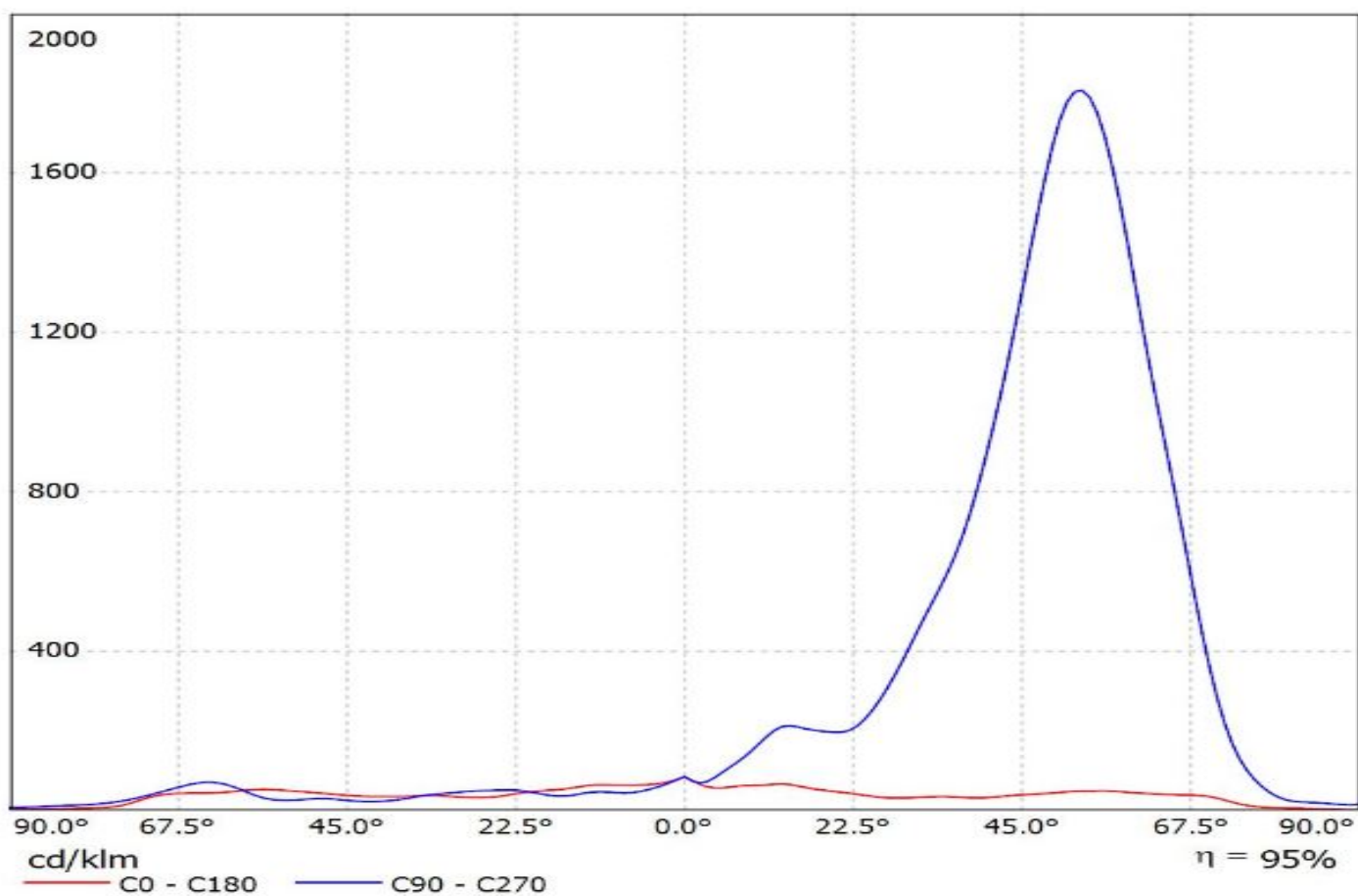
Luminaire: Ledil C14556_STRADA-2X2-TF_(Fortimo_FastFlex_LED_board_2x8/740_DA_G3)
Lamps: 1 x Fortimo_FastFlex_LED_board_2x8/740_DA_G3_1828.23lm@250mA_P=11.667W_I=0.25A



Luminaire: Ledil C14556_STRADA-2X2-TF_(LH351B)
Lamps: 1 x Samsung_LH351B_2x2_444.178lm@250mA_P=2.8535W_I=0.25A



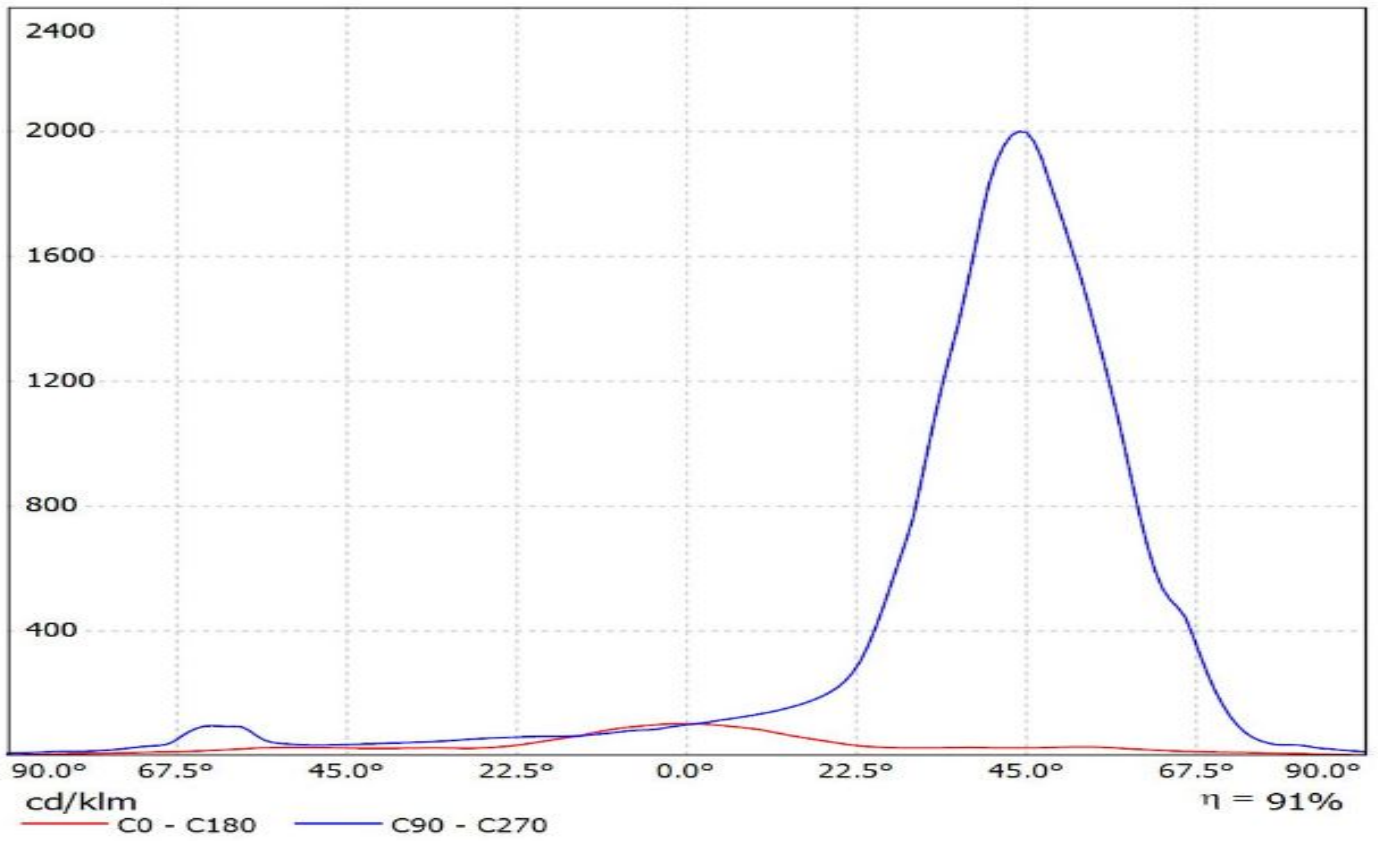
Luminaire: Ledil Oy C14556_STRADA-2X2-TF_SEOUL_Z5M2_SIMULATED
Lamps: 1 x SEOUL Z5M2



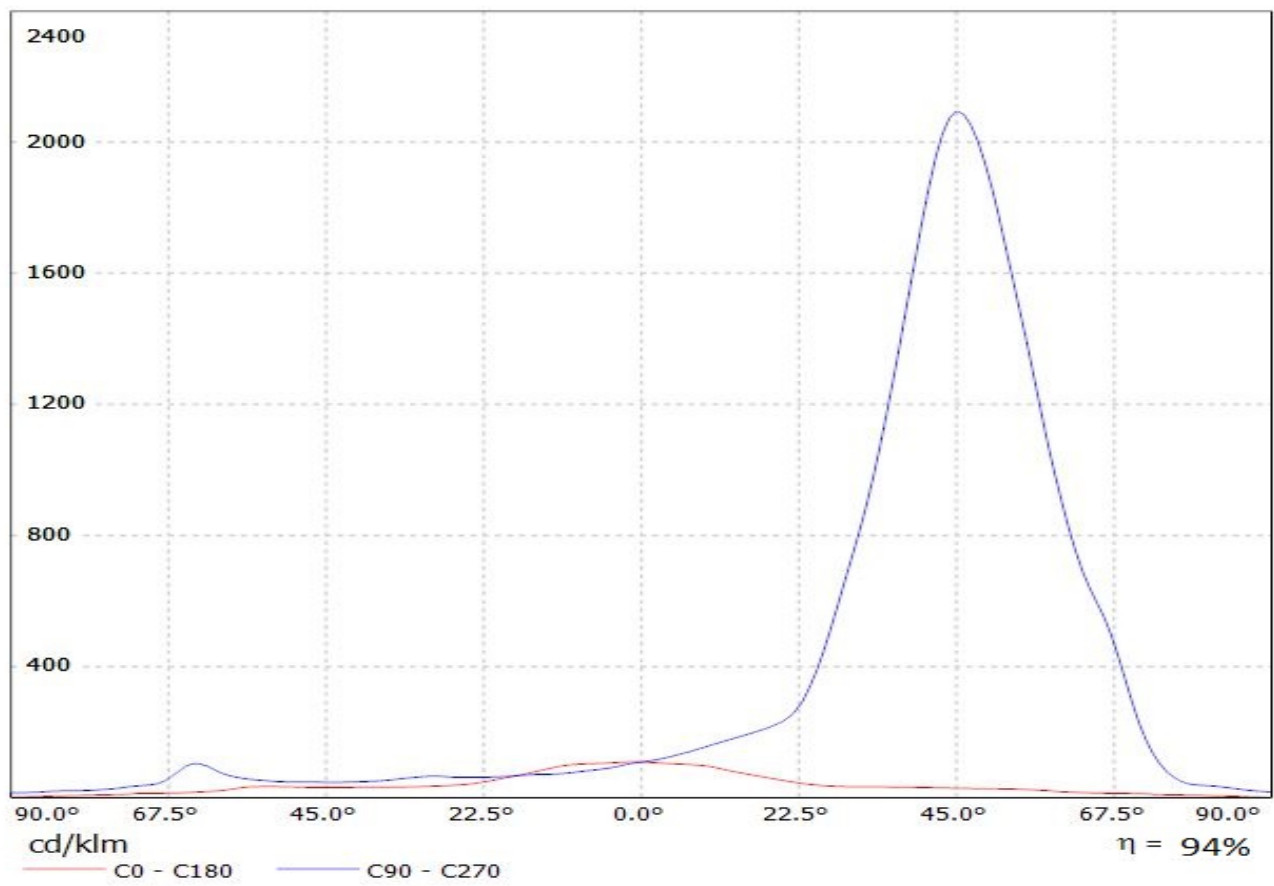
Ledil C14556_STRADA-2X2-TF_(TL1L4) / LDC (Linear)

Luminaire: Ledil C14556_STRADA-2X2-TF_(TL1L4)

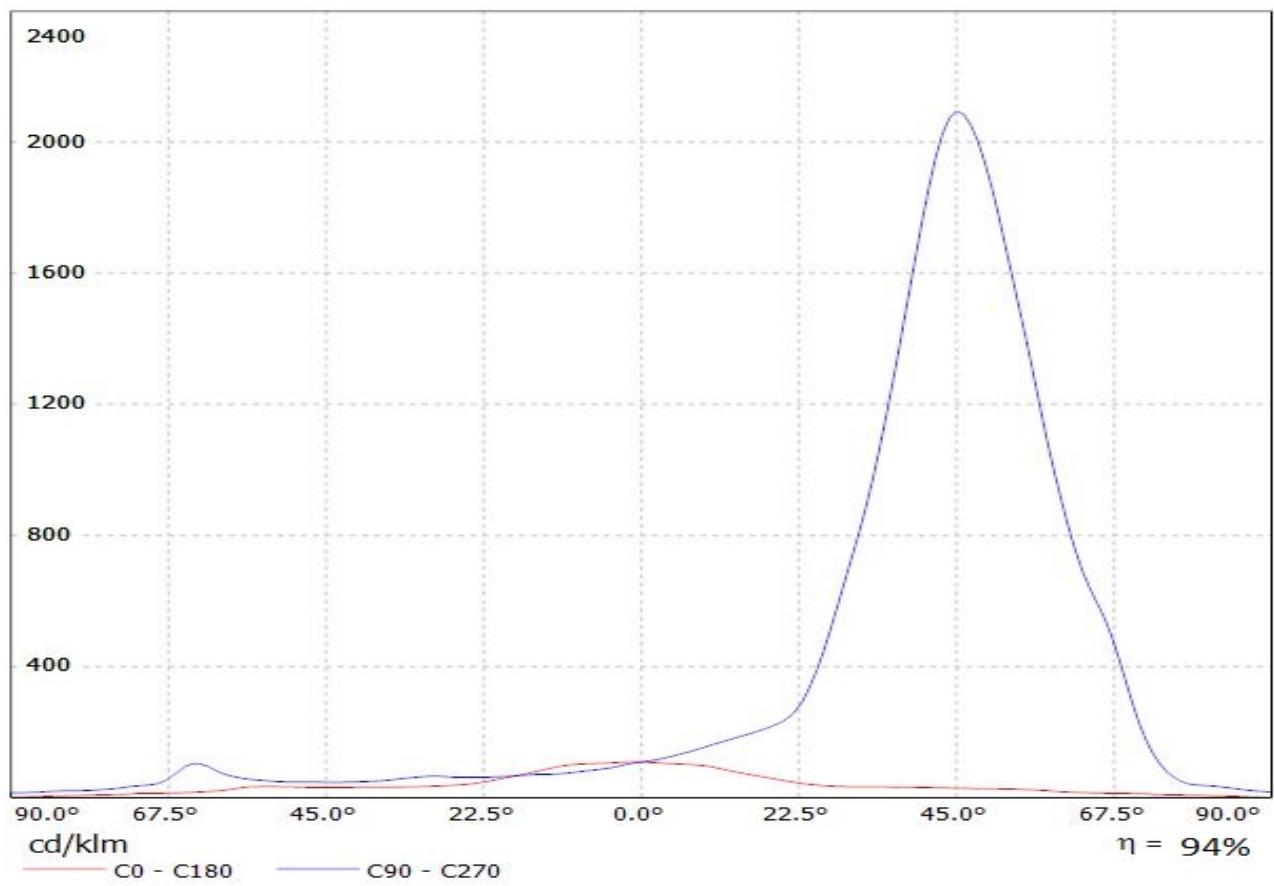
Lamps: 1 x Toshiba_TL1L4_2x2_(TL1L4-DW0)_472.639lm@250mA_CCT=6500K_P=2.9W_I=0.25A



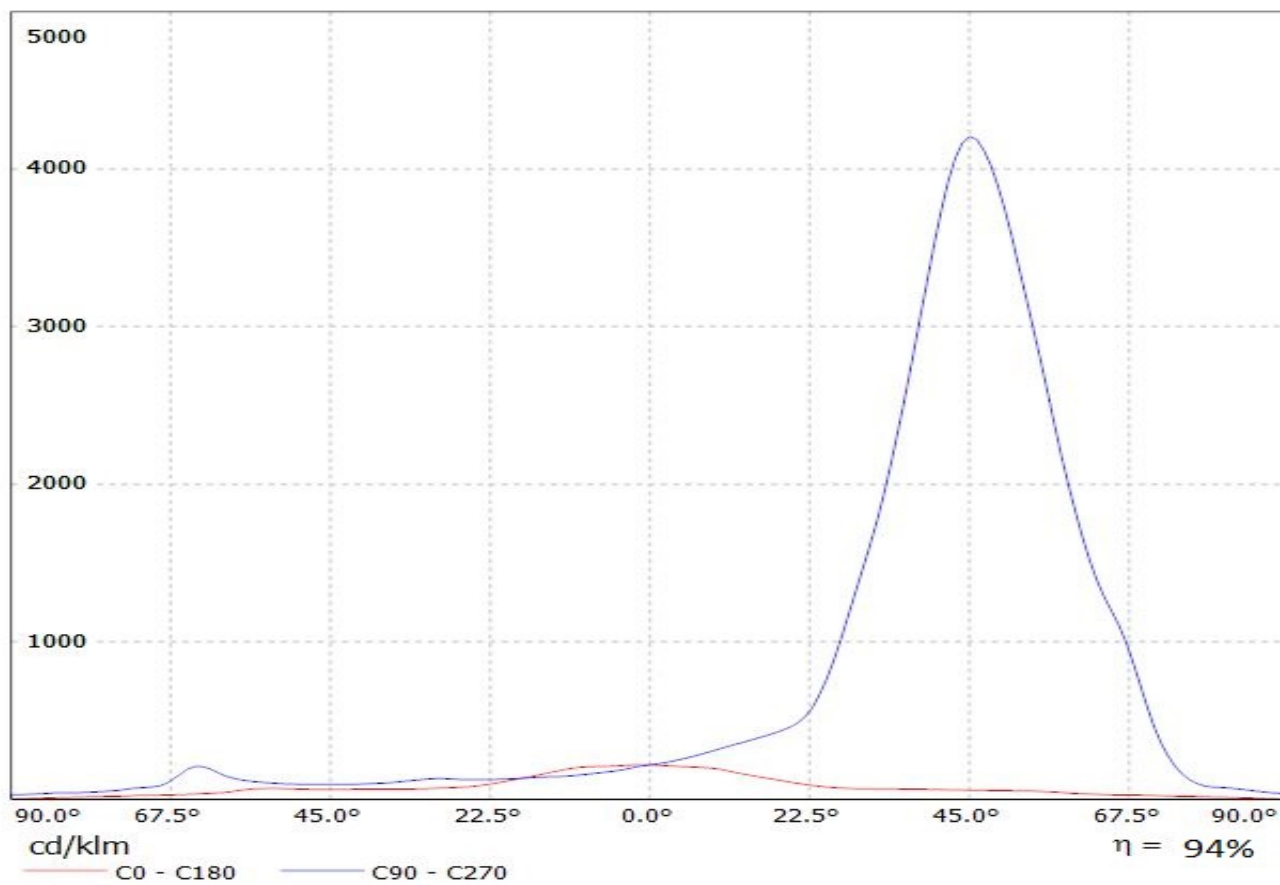
Luminaire: LEDiL Oy C14556_STRADA-2X2-TF_(Tridonic_Module_RLE_G1)
Lamps: 1 x Tridonic_Module_RLE_G1_4594.42lm@700mA_P=32.1515W_I=0.700A



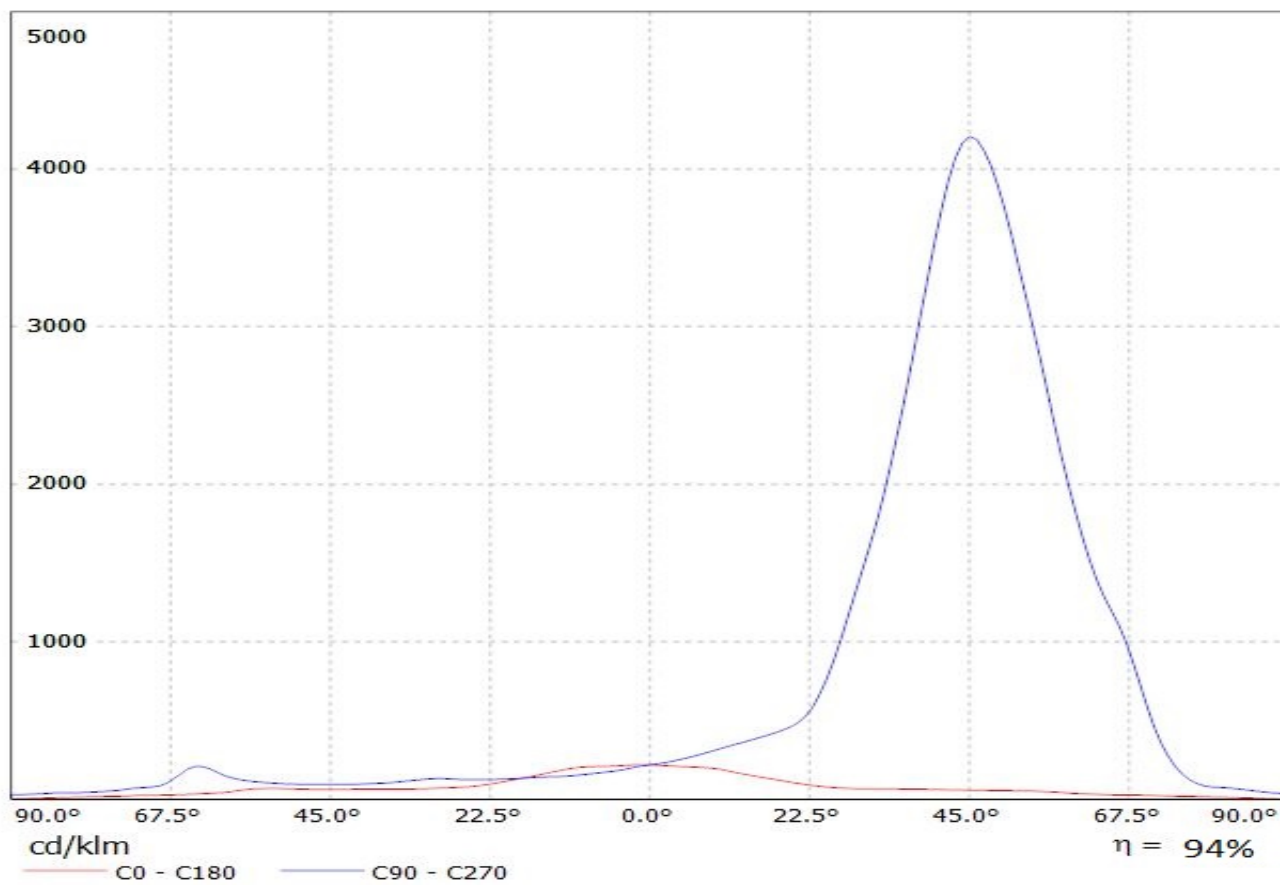
Luminaire: LEDiL Oy C14556_STRADA-2X2-TF_(Tridonic_Module_RLE_G1)
Lamps: 1 x Tridonic_Module_RLE_G1_4594.42lm@700mA_P=32.1515W_I=0.700A



Luminaire: LEDiL Oy C14556_STRADA-2X2-TF_(Tridonic_Module_RLE_G1)
Lamps: 1 x Tridonic_Module_RLE_G1_2288lm@700mA_P=16W_I=0.700A

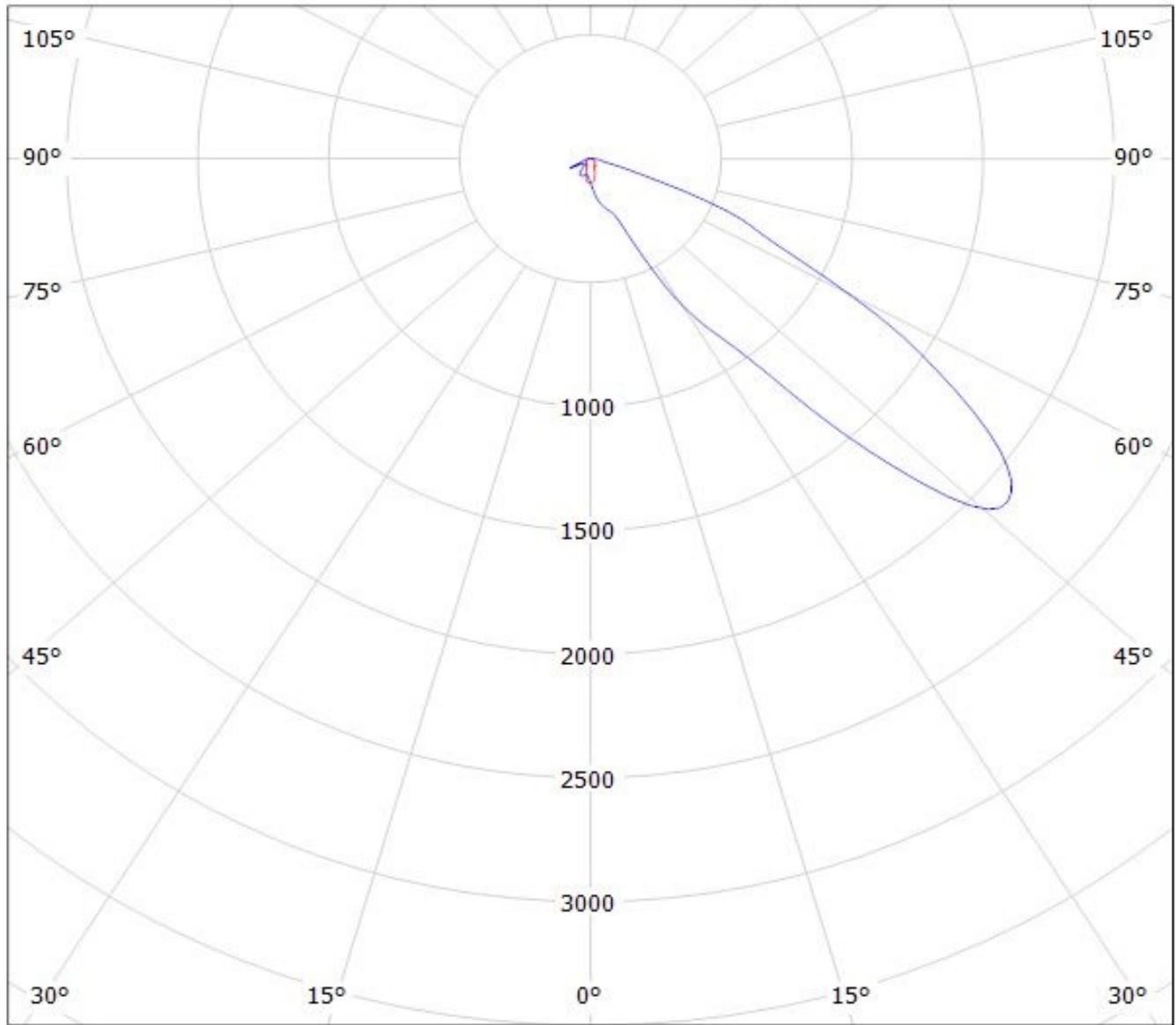


Luminaire: LEDiL Oy C14556_STRADA-2X2-TF_(Tridonic_Module_RLE_G1)
Lamps: 1 x Tridonic_Module_RLE_G1_2288lm@700mA_P=16W_I=0.700A



Luminaire: LEDiL Oy C14556_STRADA-2X2-TF_(XP-G2)

Lamps: 1 x Cree_XP-G2_(XPGBWT-L1-000-00-G51)_409.845lm@250mA_P=2.94464_I=0.250A



cd/klm

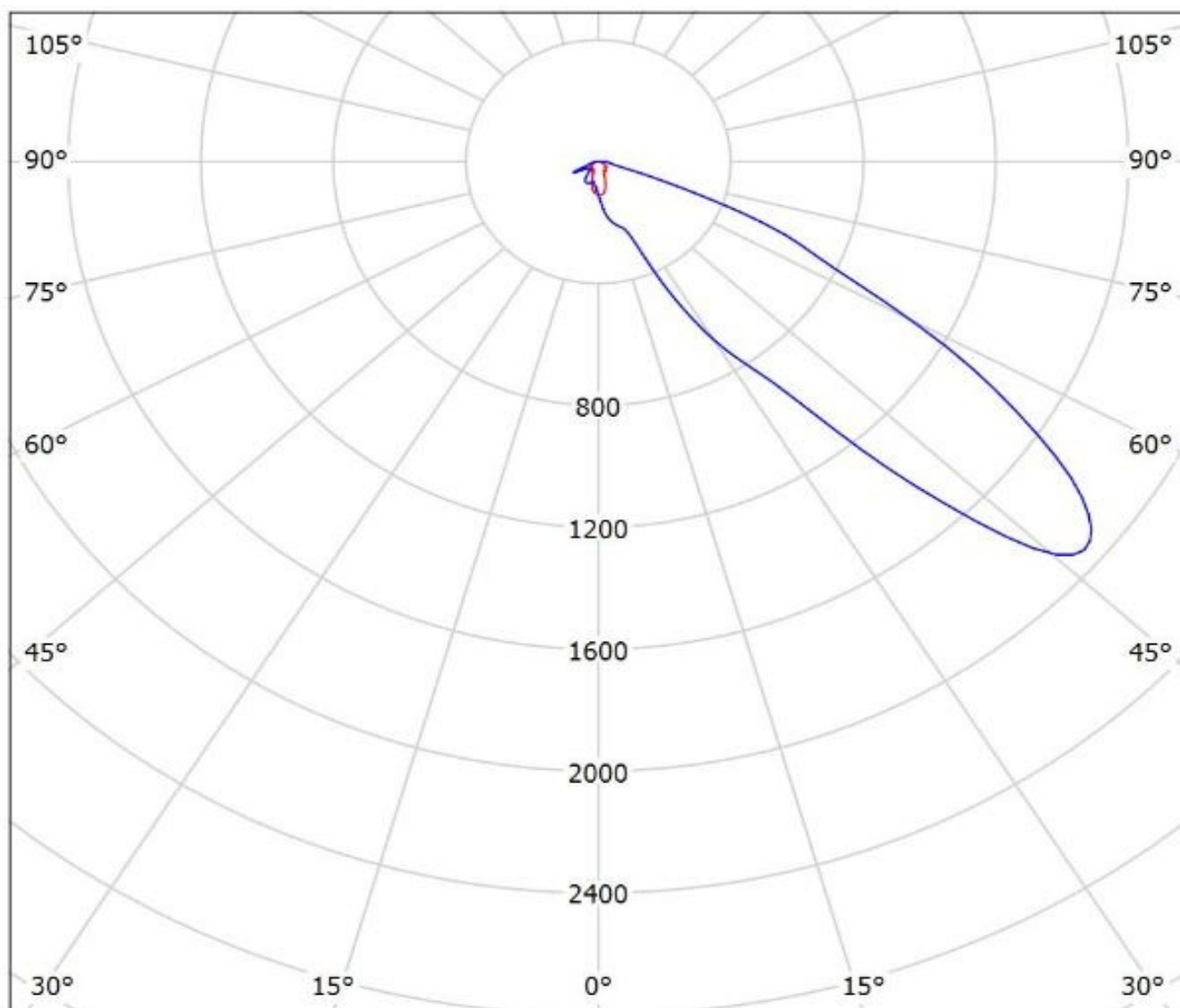
$\eta = 94\%$

— C0 - C180

— C90 - C270

Luminaire: Ledil C14556_STRADA-2X2-TF_(H35C1)

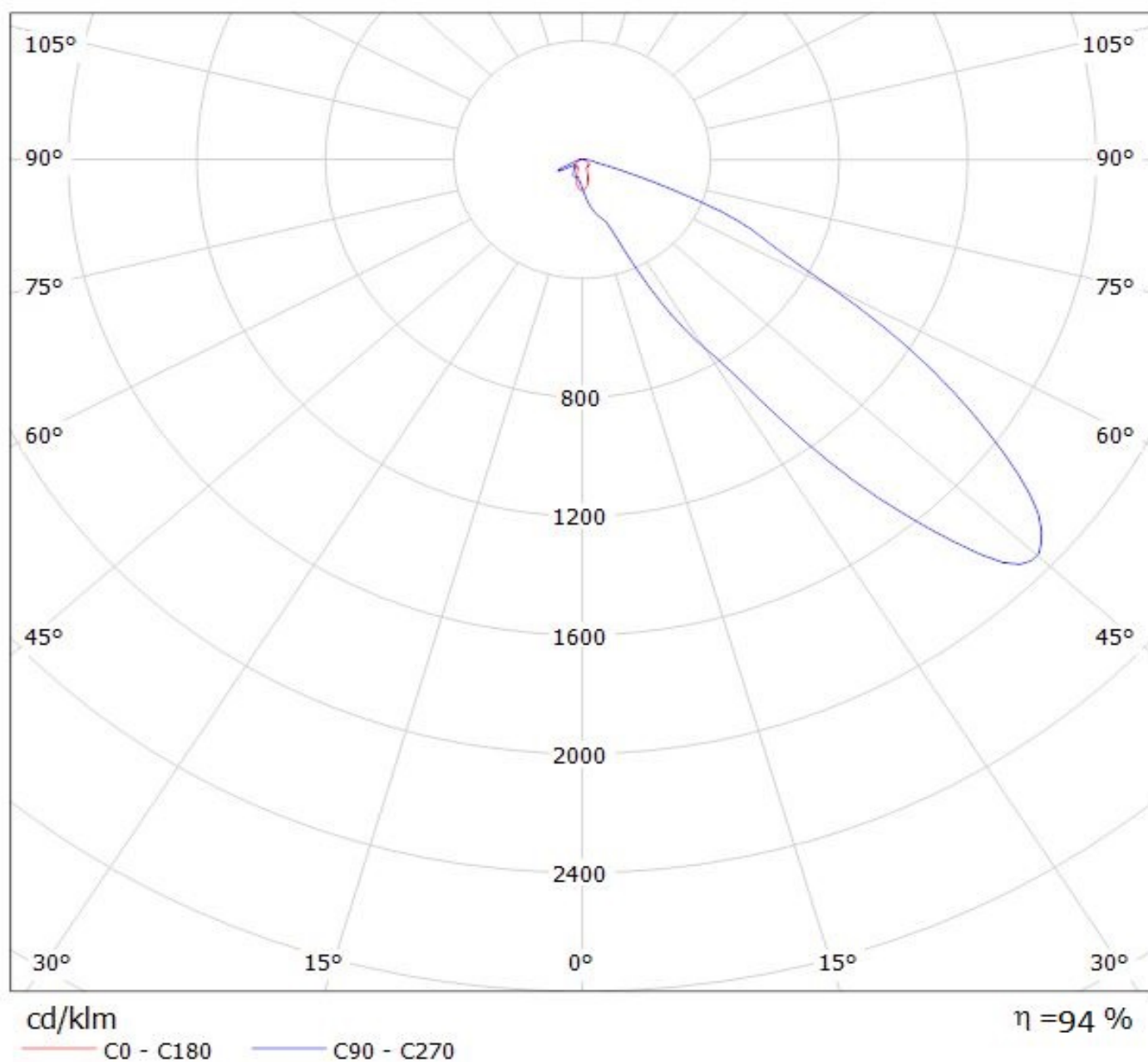
Lamps: 1 x LG_H35C1_2x2_477.216lm@250mA_P=2.87475W_I=0.250A



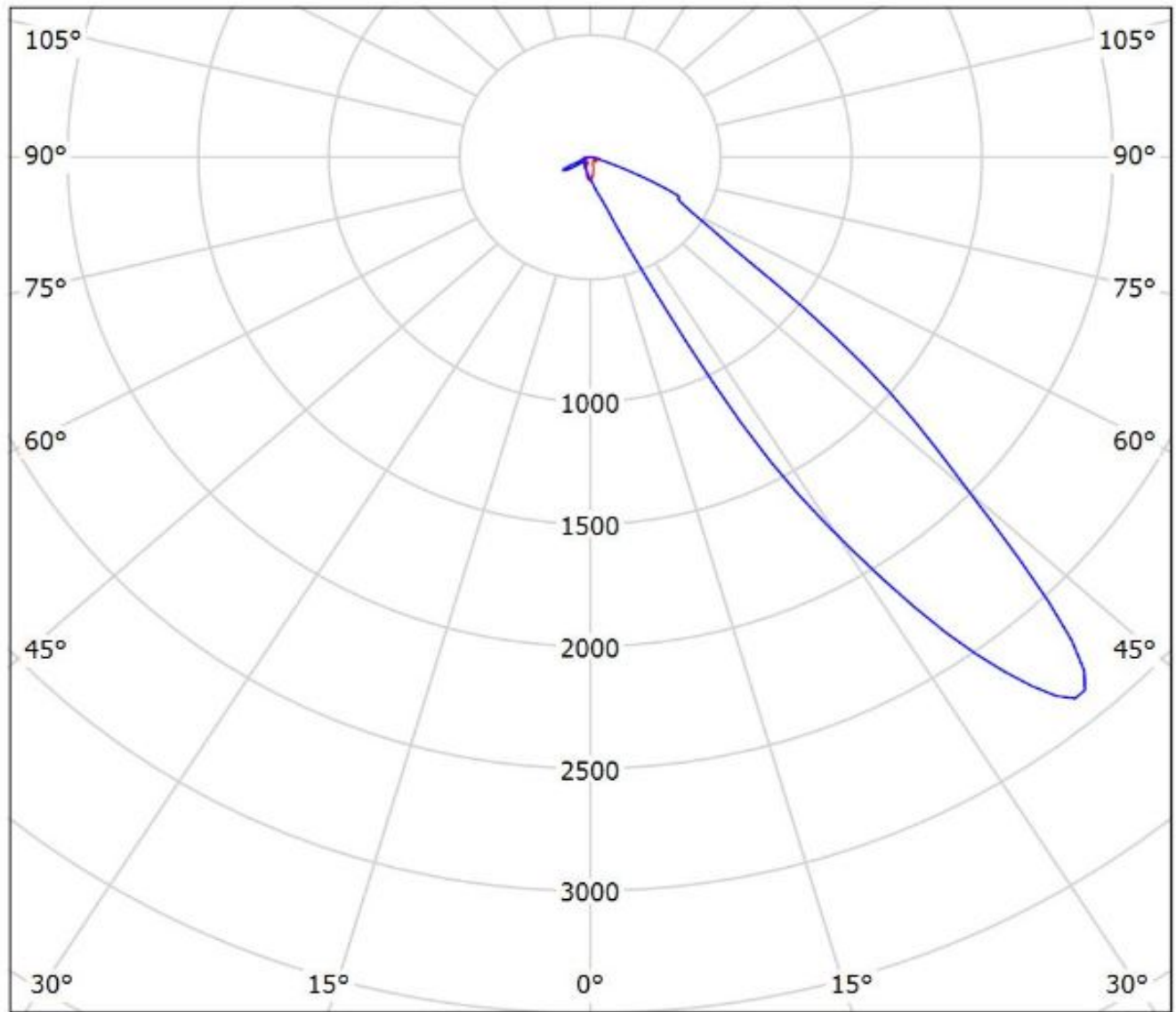
cd/klm
— C0 - C180 — C90 - C270

η = 94%

Luminaire: LEDiL Oy C14556_STRADA-2x2-TF_(Luxeon_T_2x2)
Lamps: 1 x Luxeon_T_2x2_288.784lm@250mA_P=2.80151W_I=0.250A



Luminaire: LEDiL Oy C14556_STRADA-2X2-TF_(E21A)
Lamps: 1 x Nichia_E21A_2X2_454.11lm@250mA_P=2.81W_I=0.250A



cd/klm

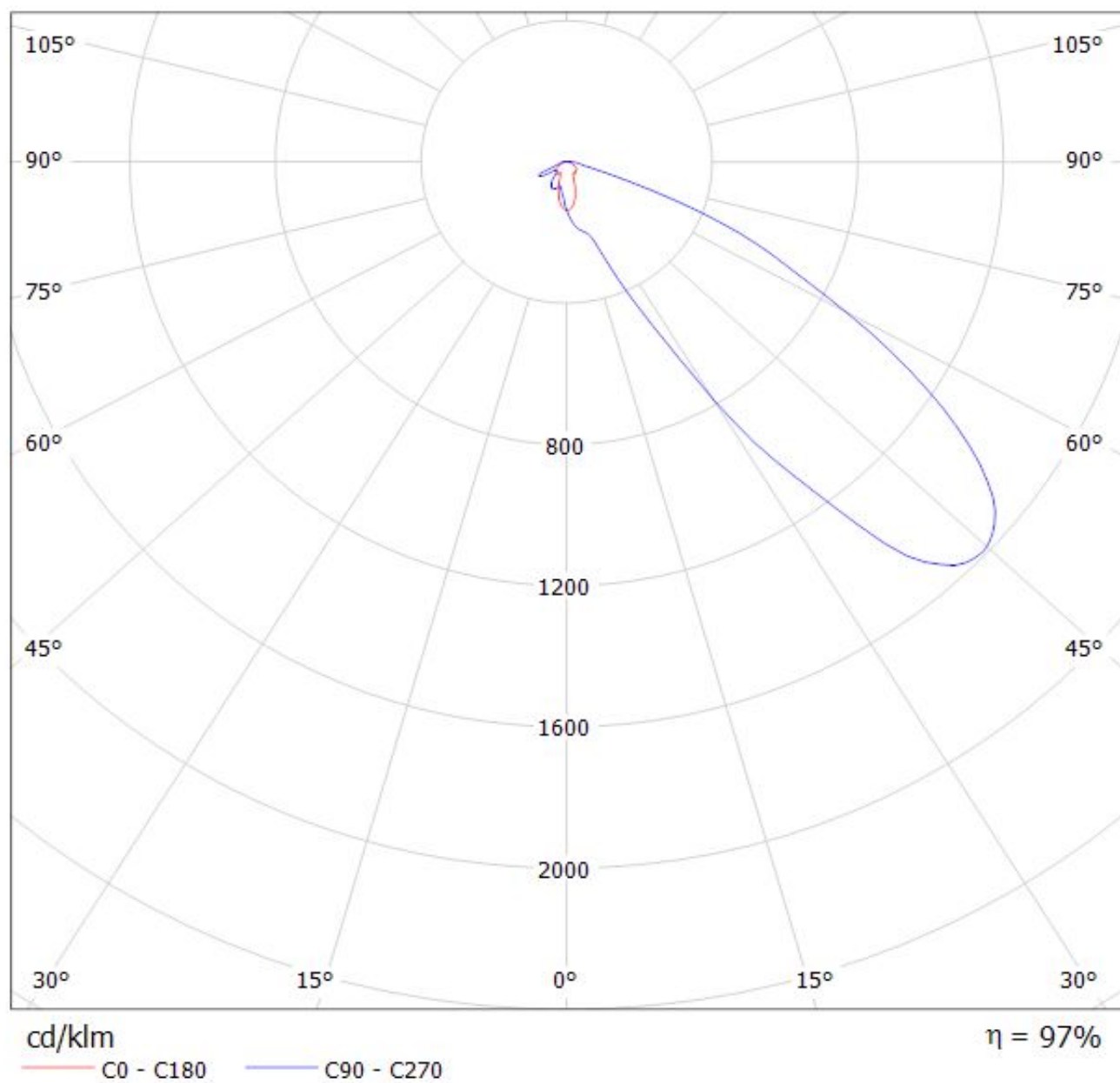
— C0 - C180

— C90 - C270

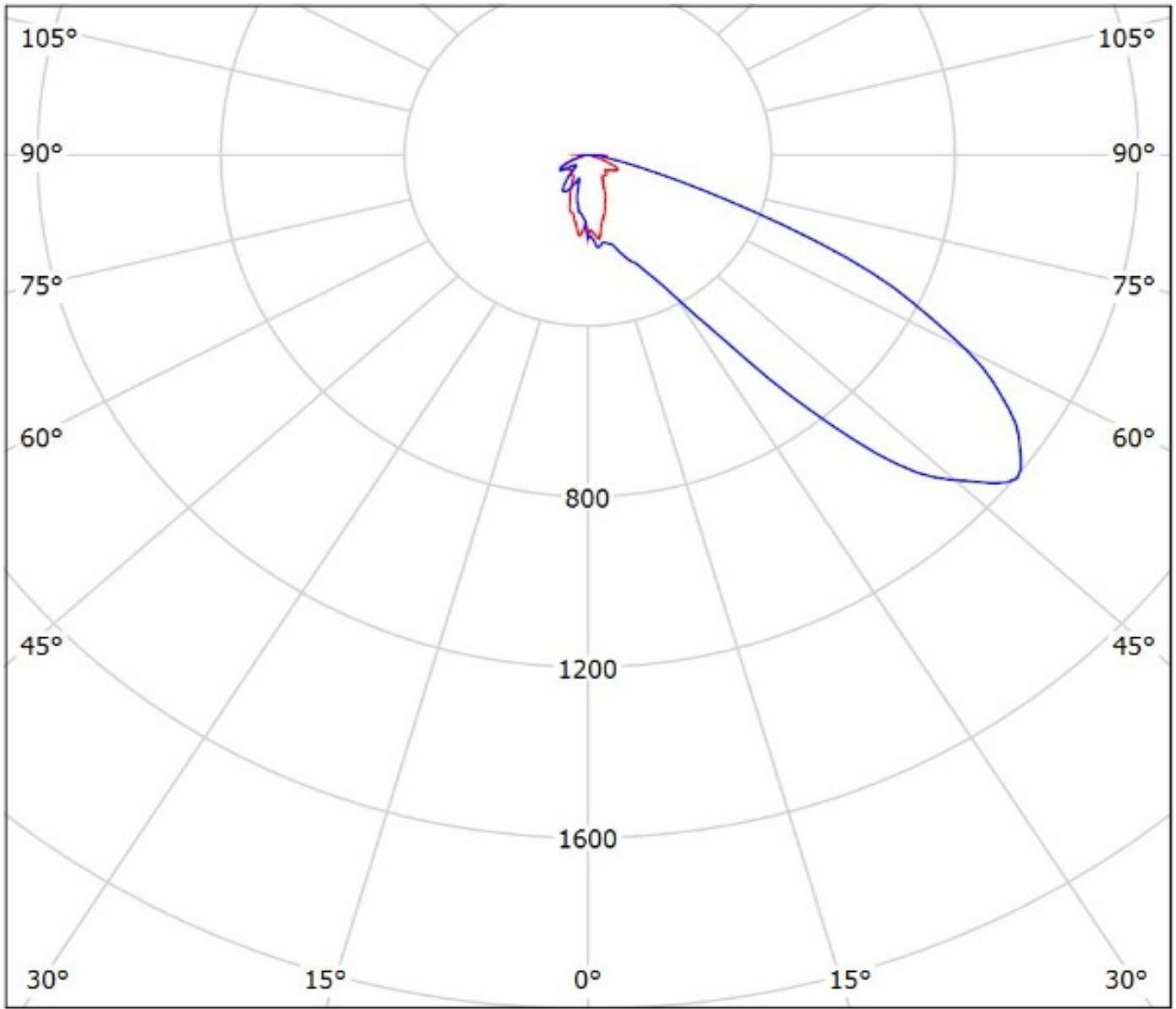
$\eta = 97\%$

Luminaire: LEDiL Oy C14556_STRADA-2X2-TF_(NVSW319AE)

Lamps: 1 x Nichia_NVSW319AE_499.093lm@250mA_P=2.79052W_η=0.25A



Luminaire: Ledil Oy C14556_STRADA-2X2-TF_(NWSx229A)_SIMULATED
Lamps: 1 x Nichia NWSW229A



cd/klm

— C0 - C180 — C90 - C270

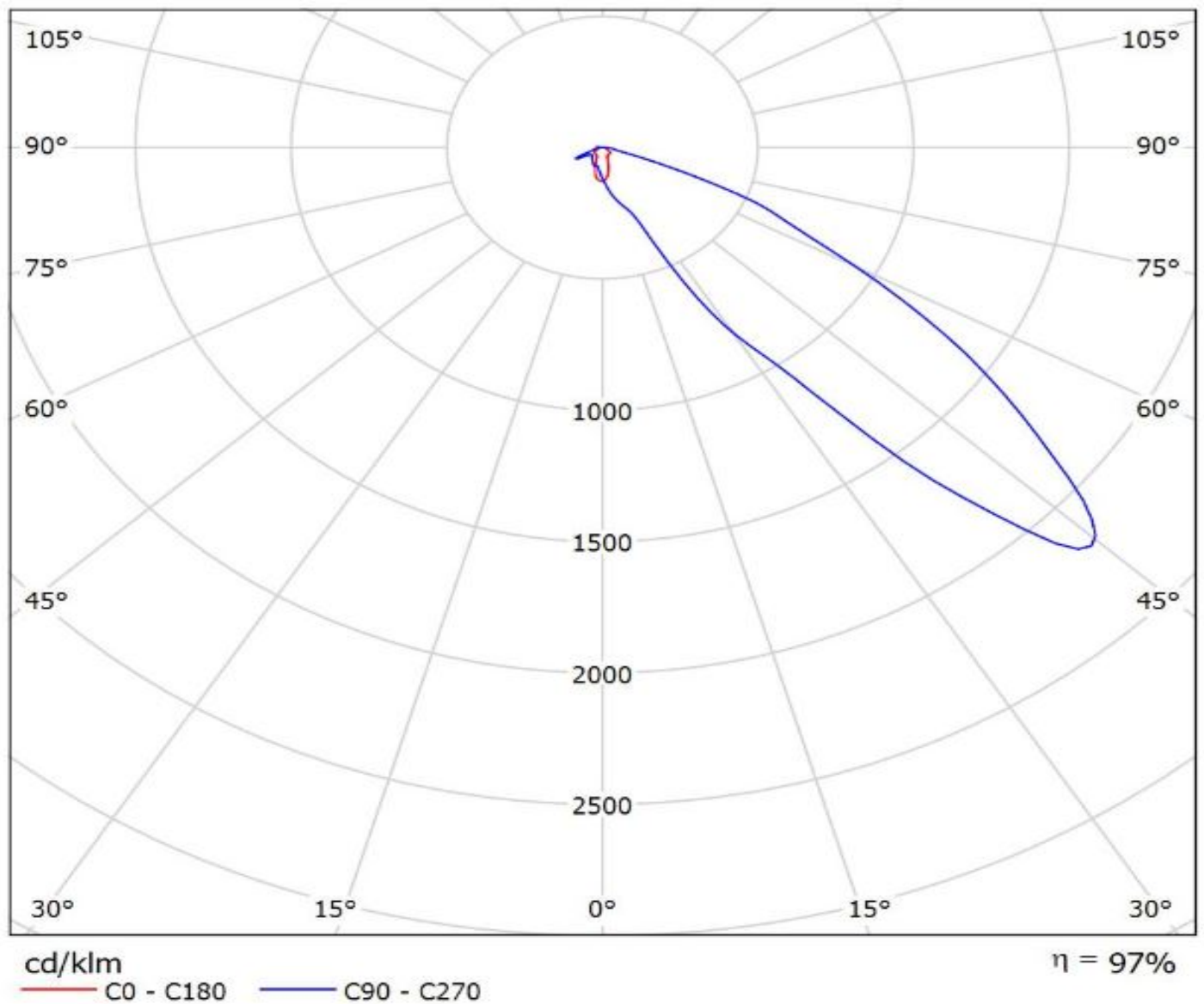
$\eta = 92\%$

LEDiL Oy C14556_STRADA-2X2-TF_(Oslon_Square_PC) / LDC (Polar)

Luminaire: LEDiL Oy C14556_STRADA-2X2-TF_(Oslon_Square_PC)

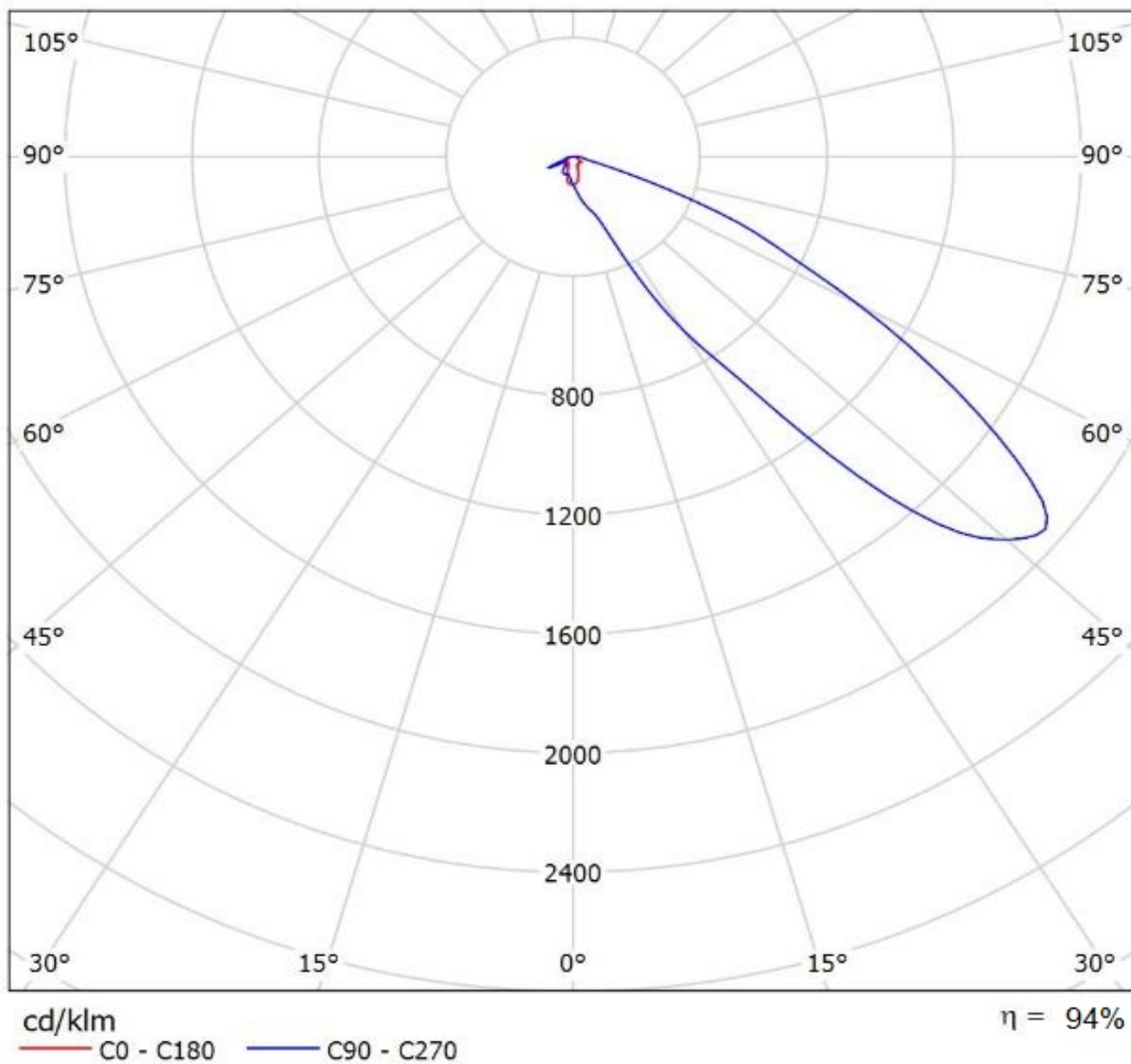
Lamps: 1 x Osram_Oslon_Square_PC_(2x2)_(GW_CSSRM1-PC)

_412.287lm@250lm_P=2.85561W_I=0.2499A

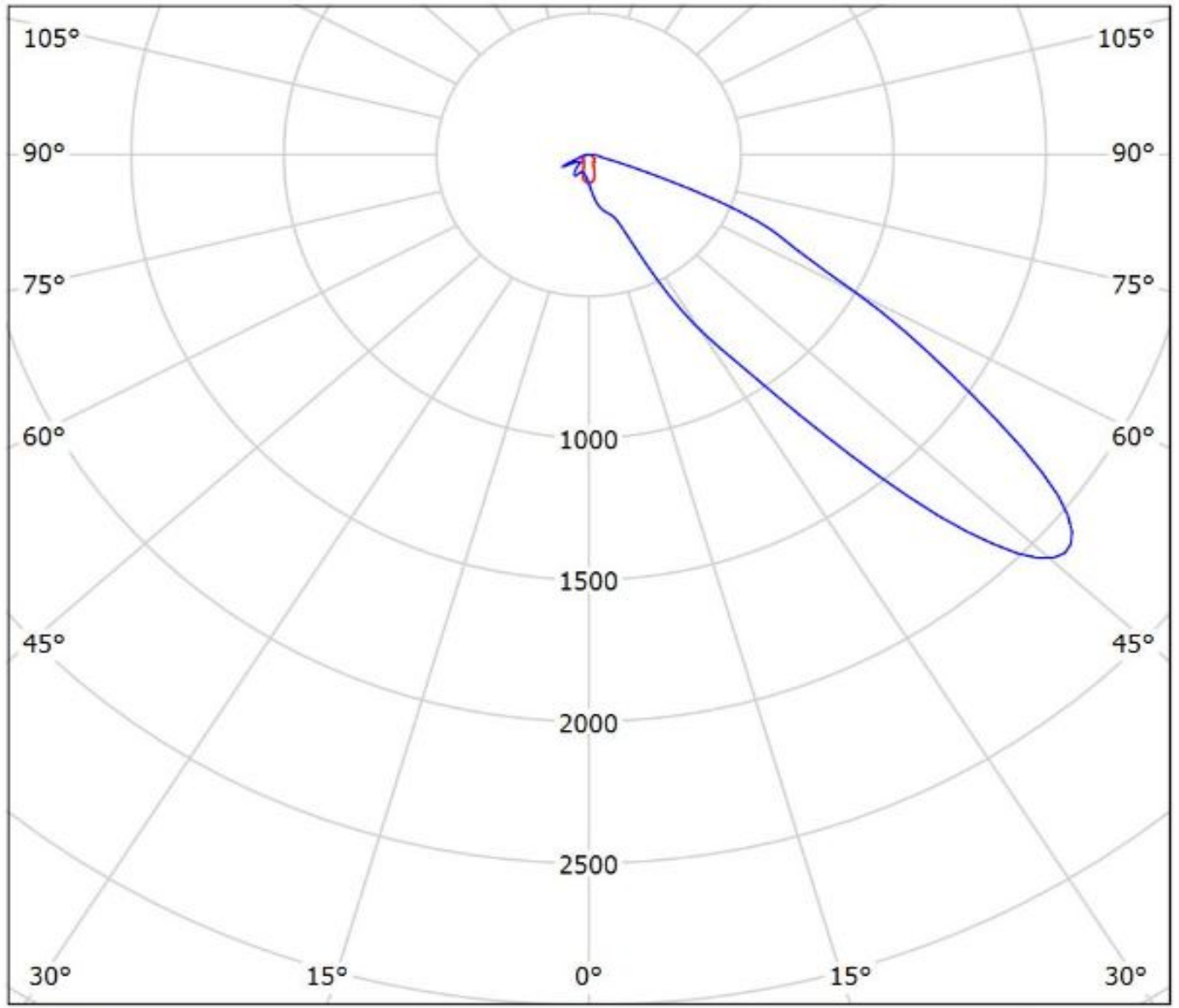


Luminaire: Ledil C14556_STRADA-2X2-TF_(Square_Gen3)

Lamps: 1 x Osram_Square_Gen3_(GW_CSSRM2.PM)_461.082lm@250mA_P=2.79075W_I=0.250A



Luminaire: Ledil C14556_STRADA-2X2-TF_(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

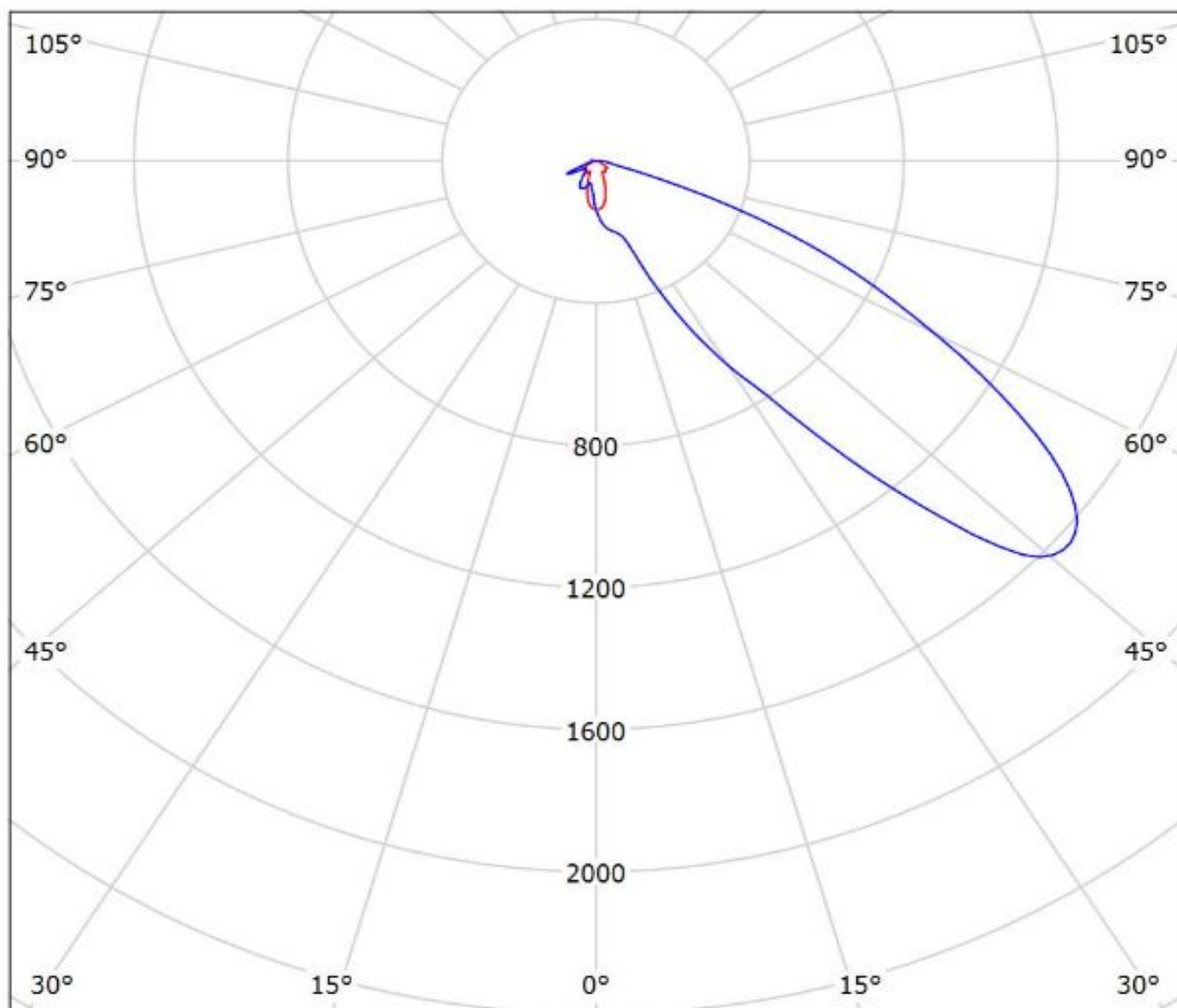


cd/klm
— C0 - C180 — C90 - C270

$\eta = 98\%$

Luminaire: Ledil C14556_STRADA-2X2-TF_(LH351B)

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



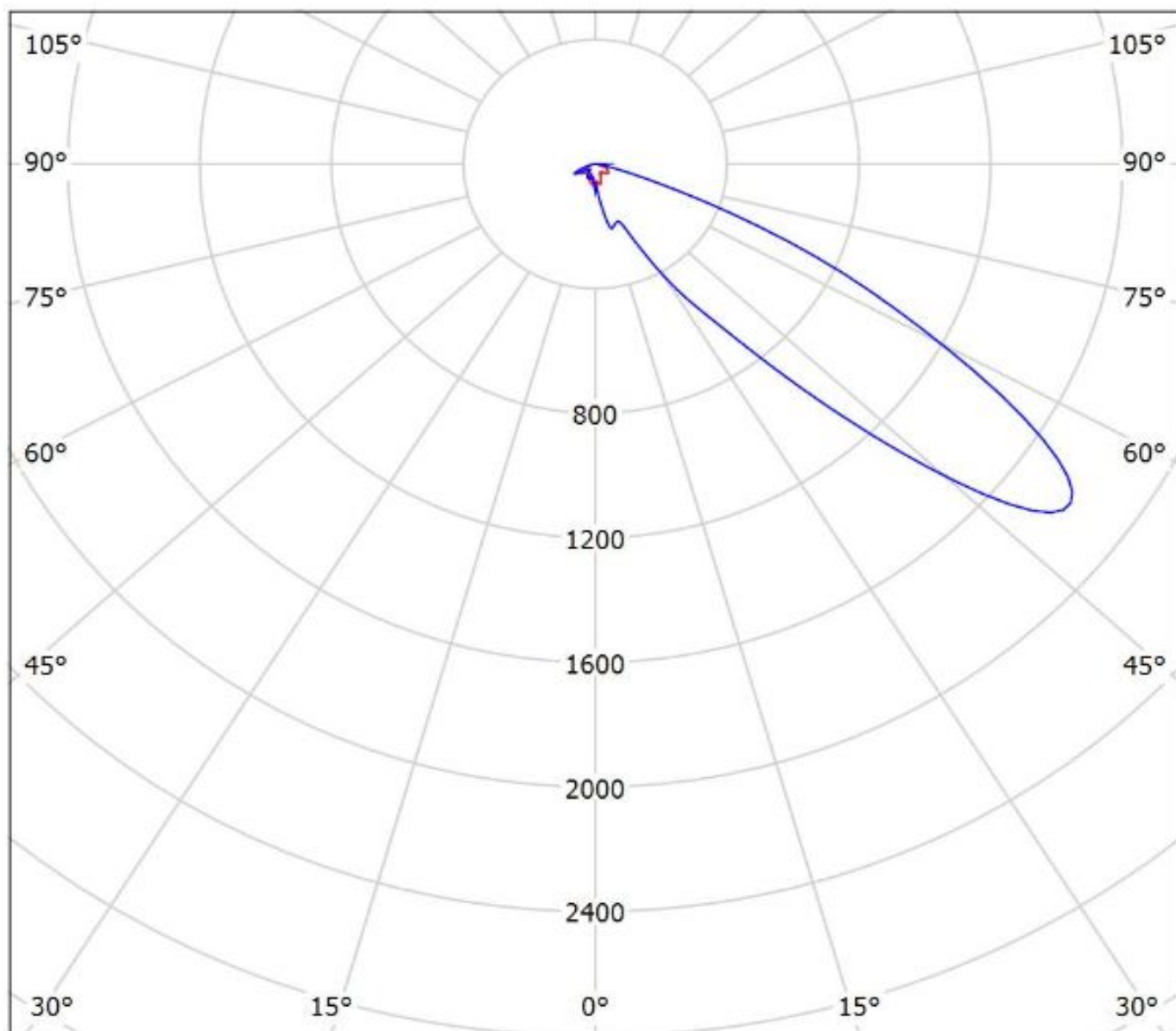
cd/klm

— C0 - C180

— C90 - C270

$\eta = 97\%$

Luminaire: Ledil Oy C14556_STRADA-2X2-TF_SEOUL_Z5M2_SIMULATED
Lamps: 1 x SEOUL Z5M2



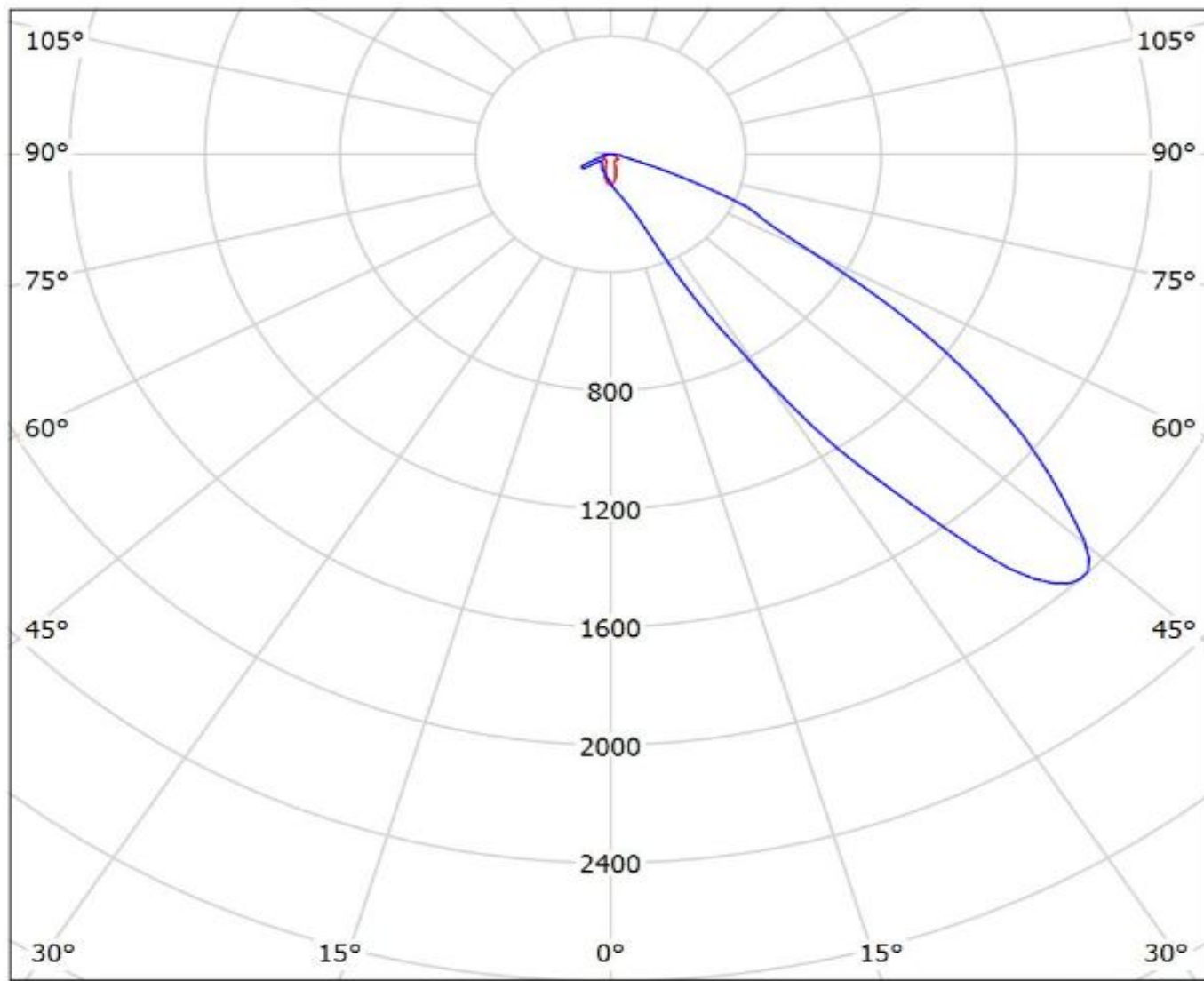
cd/klm
— C0 - C180 — C90 - C270

$\eta = 95\%$

Ledil C14556_STRADA-2X2-TF_(TL1L4) / LDC (Polar)

Luminaire: Ledil C14556_STRADA-2X2-TF_(TL1L4)

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



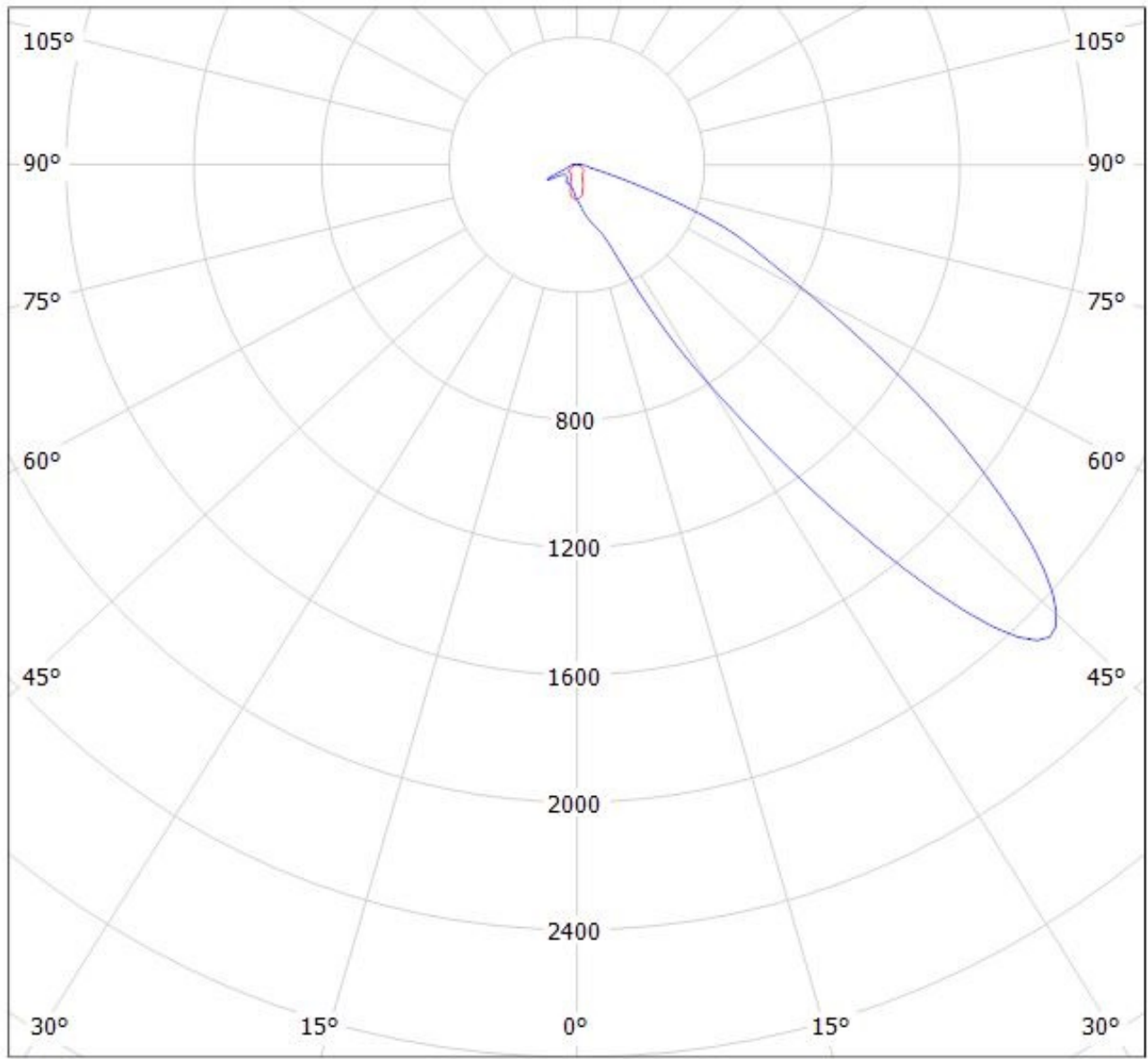
cd/klm

— C0 - C180

— C90 - C270

$\eta = 91\%$

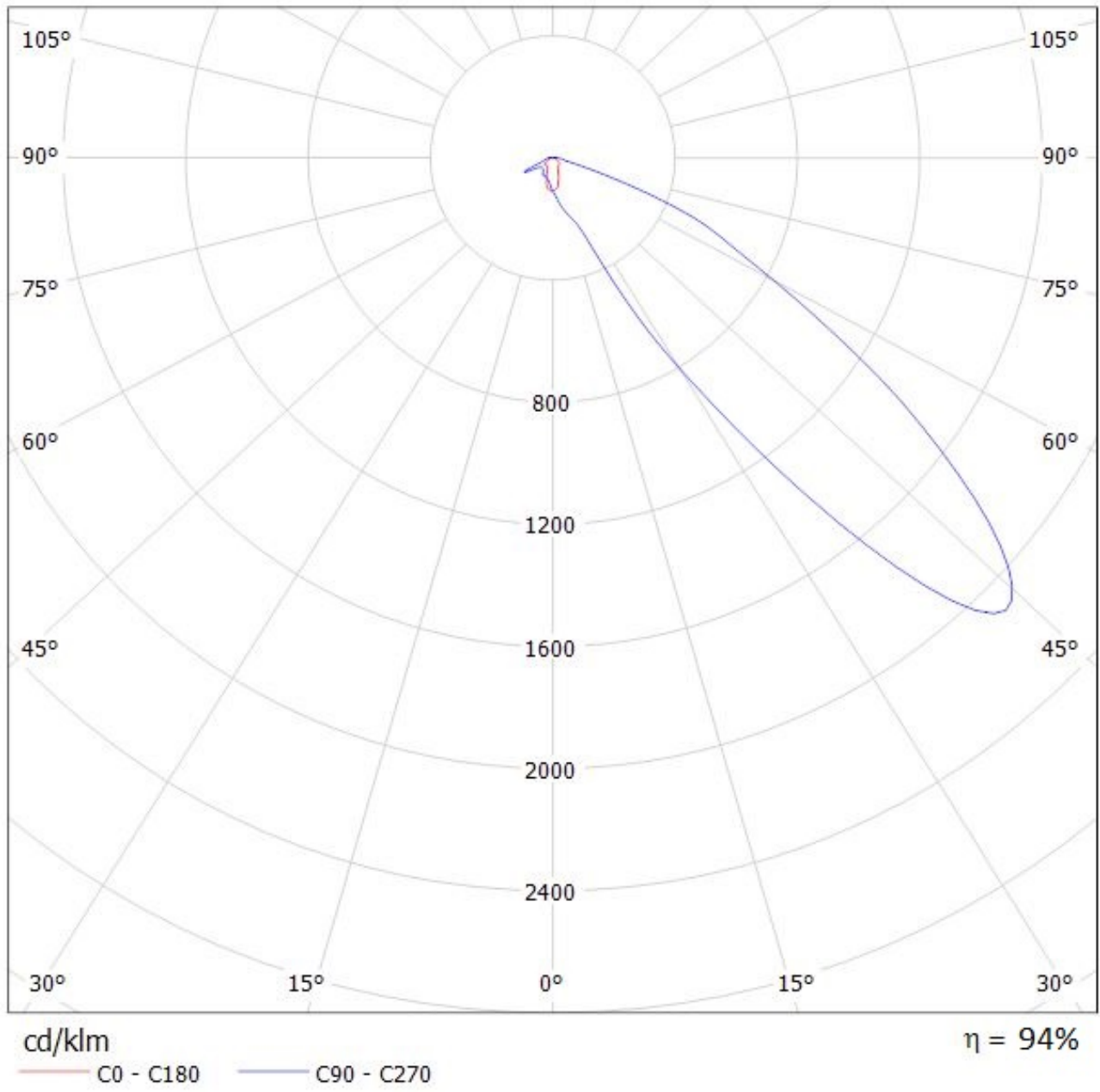
Luminaire: LEDiL Oy C14556_STRADA-2X2-TF_(Tridonic_Module_RLE_G1)
Lamps: 1 x Tridonic_Module_RLE_G1_4594.42lm@700mA_P=32.1515W_I=0.700A



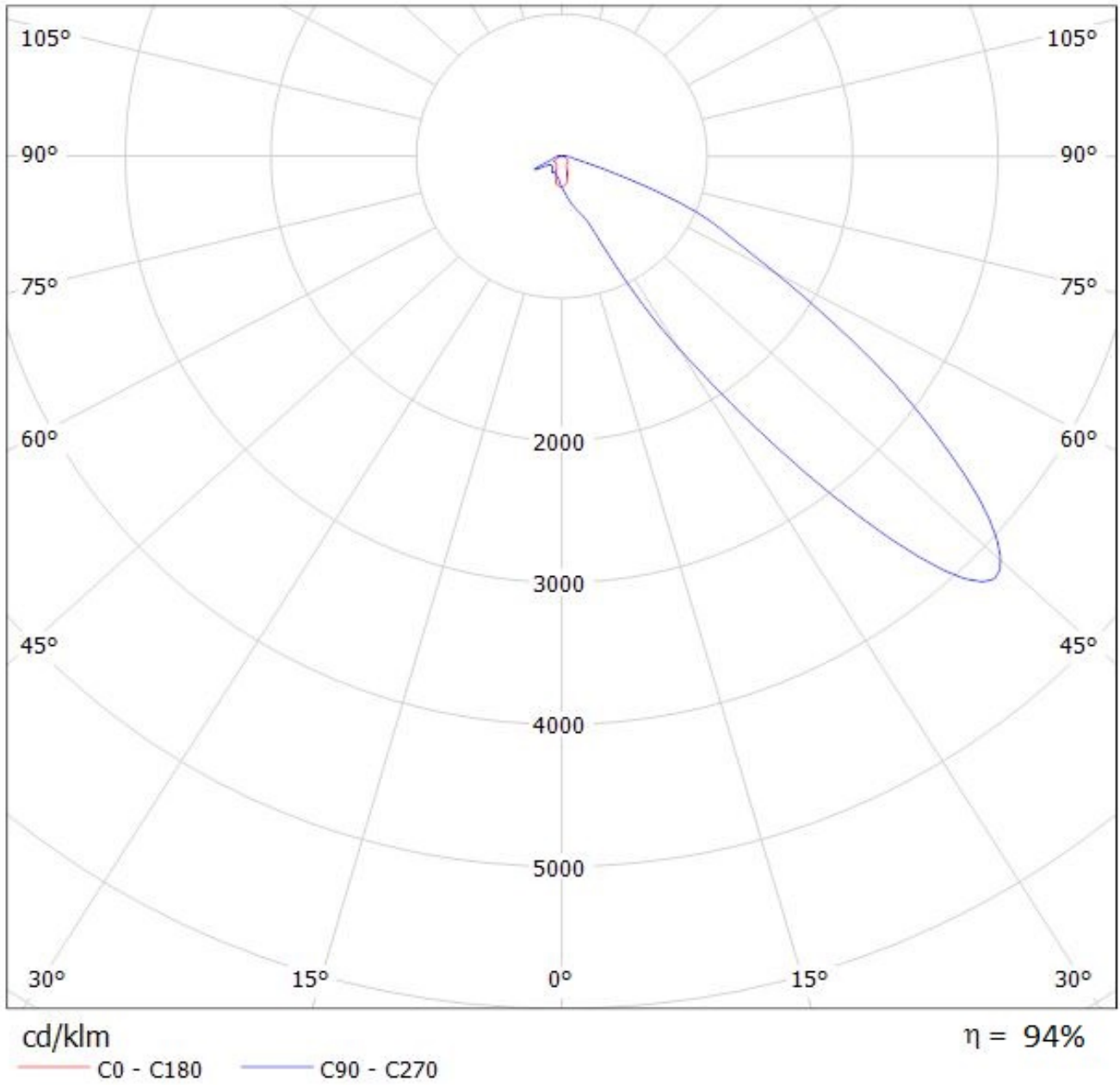
cd/klm
— C0 - C180 — C90 - C270

$\eta = 94\%$

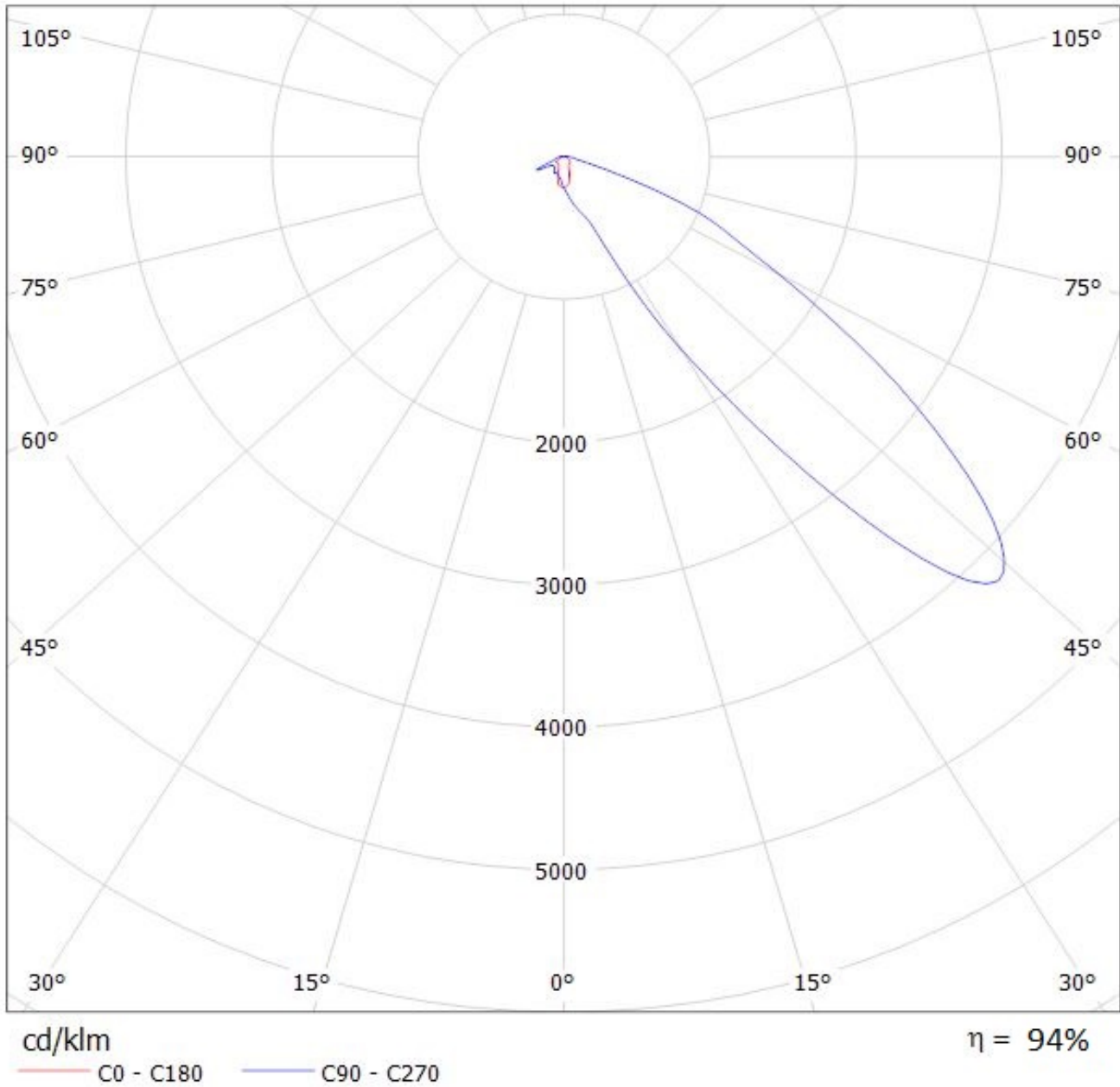
Luminaire: LEDiL Oy C14556_STRADA-2X2-TF_(Tridonic_Module_RLE_G1)
Lamps: 1 x Tridonic_Module_RLE_G1_4594.42lm@700mA_P=32.1515W_I=0.700A



Luminaire: LEDiL Oy C14556_STRADA-2X2-TF_(Tridonic_Module_RLE_G1)
Lamps: 1 x Tridonic_Module_RLE_G1_2288lm@700mA_P=16W_I=0.700A



Luminaire: LEDiL Oy C14556_STRADA-2X2-TF_(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.