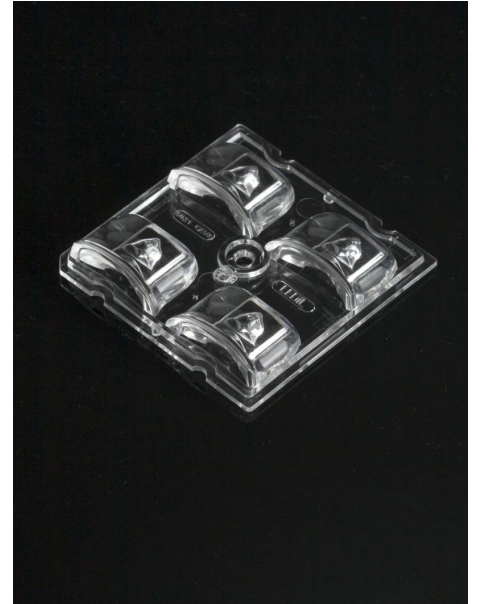


DETAILS

Product Number	C15021_STRADA-2X2-SCL
Family	Strada
Type	Lens
Color	clear
Diameter	50 mm
Height	7,8 mm
Style	square
Optic Material	PMMA
Holder Material	
Fastening	screw, pin
Status	production ready
ROHS Compliant	Yes
Date Updated	21/04/2016



OPTICAL PROPERTIES

LED	Viewing Angle	Light Beam	Efficiency	cd/lm	Connector
XB-H	sim: Asymmetric	Streetlight...	-	-	-
XHP35 HD	sim: Asymmetric	Streetlight...	-	-	-
XM-L2	sim: Asymmetric	Streetlight...	-	-	-
XP-L	Asymmetric deg	Streetlight...	94 %	0.900	-
XP-L HI	sim: Asymmetric	Streetlight...	-	-	-
XT-E	sim: Asymmetric	Streetlight...	-	-	-
XP-L	Asymmetric deg	Streetlight...	78 %	0.550	Undefined Manufacturer: Protective Plate, Glass
XP-G2	Asymmetric deg	Streetlight...	94 %	1.200	-
XP-L2	Asymmetric deg	Streetlight...	94 %	0.750	-
XP-G3	sim: Asym	Streetlight...	sim: 90 %	sim: 0.760	-
H35C1 (LEMWA33)	sim: Asymmetric	Streetlight...	sim: 91 %	sim: 0.740	-
H35C1 (LEMWA33)	Asymmetric deg	Streetlight...	94 %	1.100	-
LUXEON 5258	sim: Asymmetric	Streetlight...	-	-	-
LUXEON TX	Asymmetric deg	Streetlight...	94 %	1.040	-
LUXEON 5050	Asymmetric deg	Streetlight...	94 %	0.660	-
NVSxx19B/NVSxx19C	sim: Asymmetric	Streetlight...	-	-	-
NVSxE21A	asym deg	Streetlight...	94 %	0.380	-
NVSW3x9A	Asymmetric deg	Streetlight...	94 %	0.930	-
Duris S8	sim: Asym	Streetlight...	sim: 92 %	sim: 0.620	-
Oslon Square PC	Asymmetric deg	Streetlight...	94 %	0.900	-
Oslon Square Gen3	Asymmetric deg	Streetlight...	94 %	1.100	-
Fortimo FastFlex LED board 2x8 DA G4	Asymmetric deg	Streetlight...	94 %	1.000	-
LH351B	Asymmetric deg	Streetlight...	94 %	0.860	-
LH351D	Asymmetric deg	Streetlight...	93 %	0.740	-
LH351C	Asymmetric deg	Streetlight...	94 %	0.900	-



PRODUCT DATASHEET

Strada series

last update 21/4/2016

OPTICAL PROPERTIES

LED	Viewing Angle	Light Beam	Efficiency	cd/lm	Connector
LH508A	Asymmetric deg	Streetligh...	94 %	0.700	-
Z5M1/Z5M2	sim: Asymmetric	Streetligh...	-	-	-
Z8Y22P	Asymmetric deg	Streetligh...	94 %	0.960	-
TL1L4	sim: Asymmetric	Streetligh...	-	-	-
RLE G1 49x223mm 4000lm xxx EXC OT	Asymmetric deg	Streetligh...	94 %	0.900	-
RLE G1 49x245mm 4000lm xxx EXC OT	Asymmetric deg	Streetligh...	94 %	0.900	-
RLE G1 49x121mm 2000lm xxx EXC OT	Asymmetric deg	Streetligh...	94 %	0.900	-
RLE G1 49x133mm 2000lm xxx EXC OT	Asymmetric deg	Streetligh...	94 %	0.900	-

D

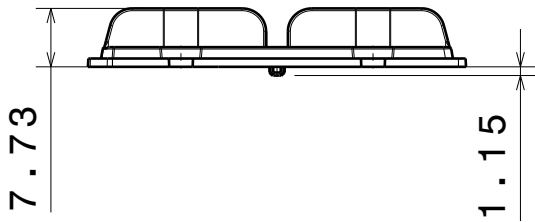
C

B

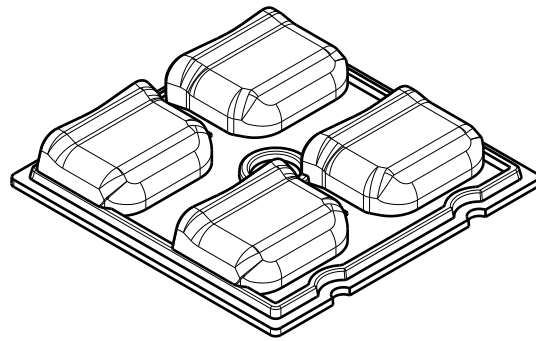
A

4

4



Front view



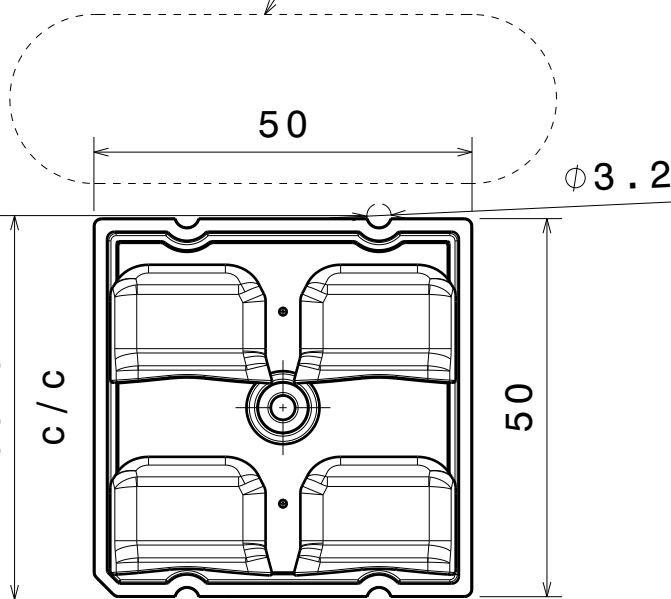
Isometric view

Scale: 1:1

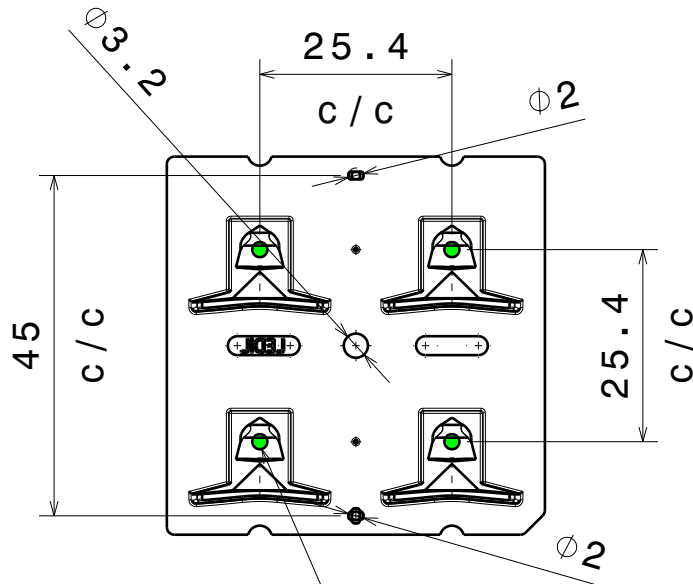
Beam direction

3

3



Top view



Bottom view

LED middle position

2

2

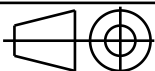
INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	C15021	STRADA-2X2-SCL	PMMA	

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

C15021_STRADA-2X2-SCL

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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

C15021

SCALE 1:1 WEIGHT 9,35 g SHEET 1/1

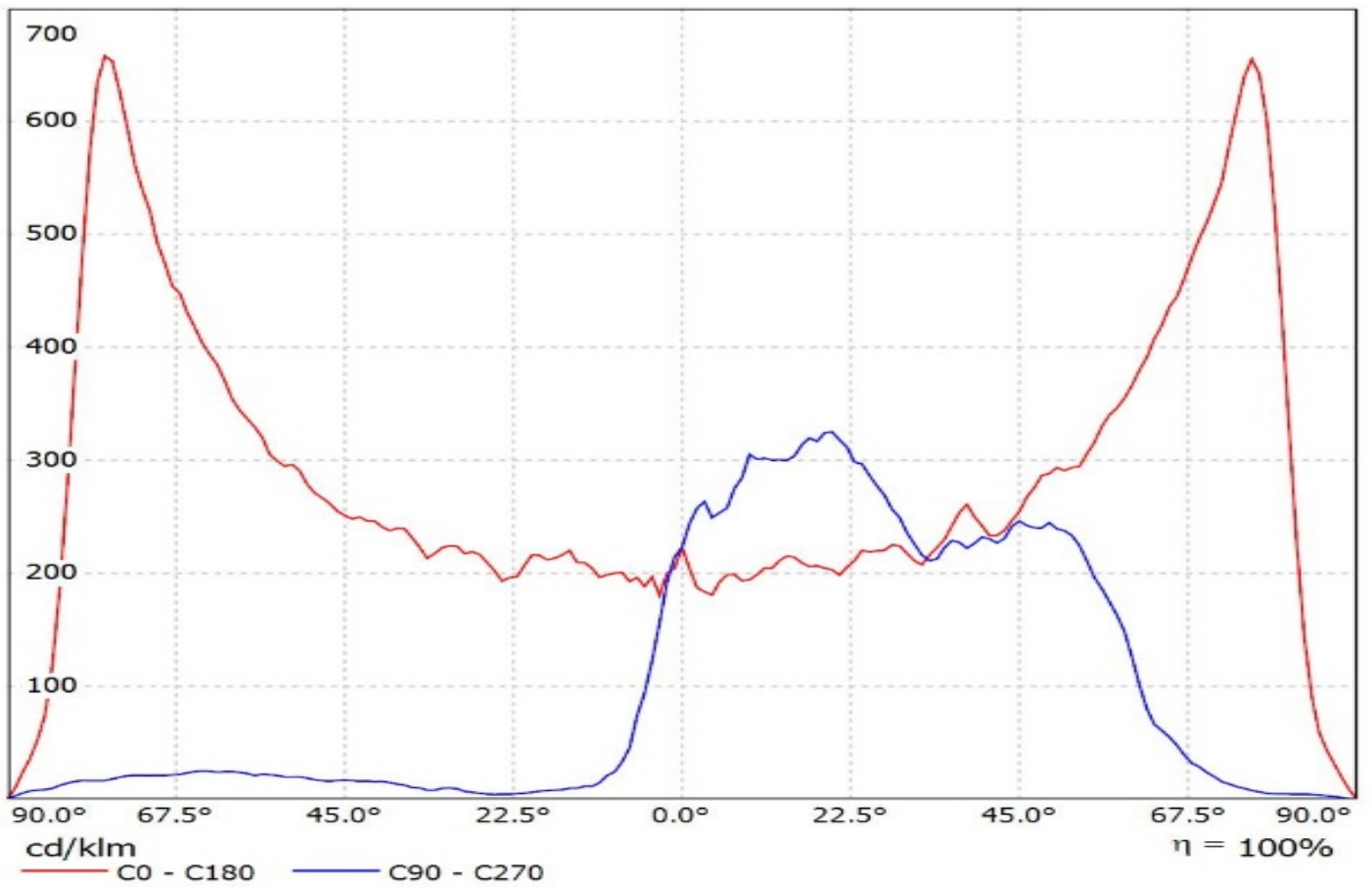
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1

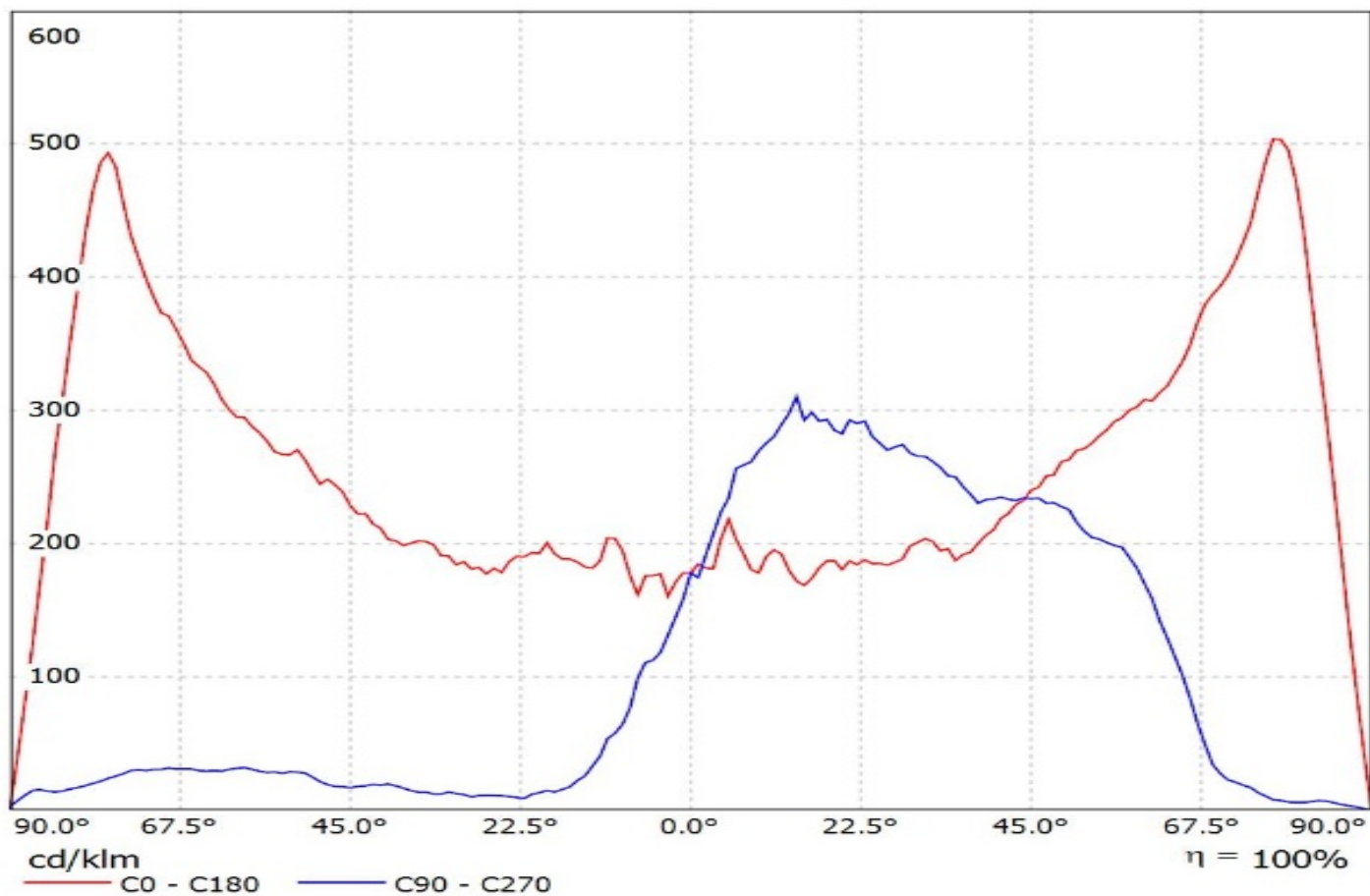
D

A

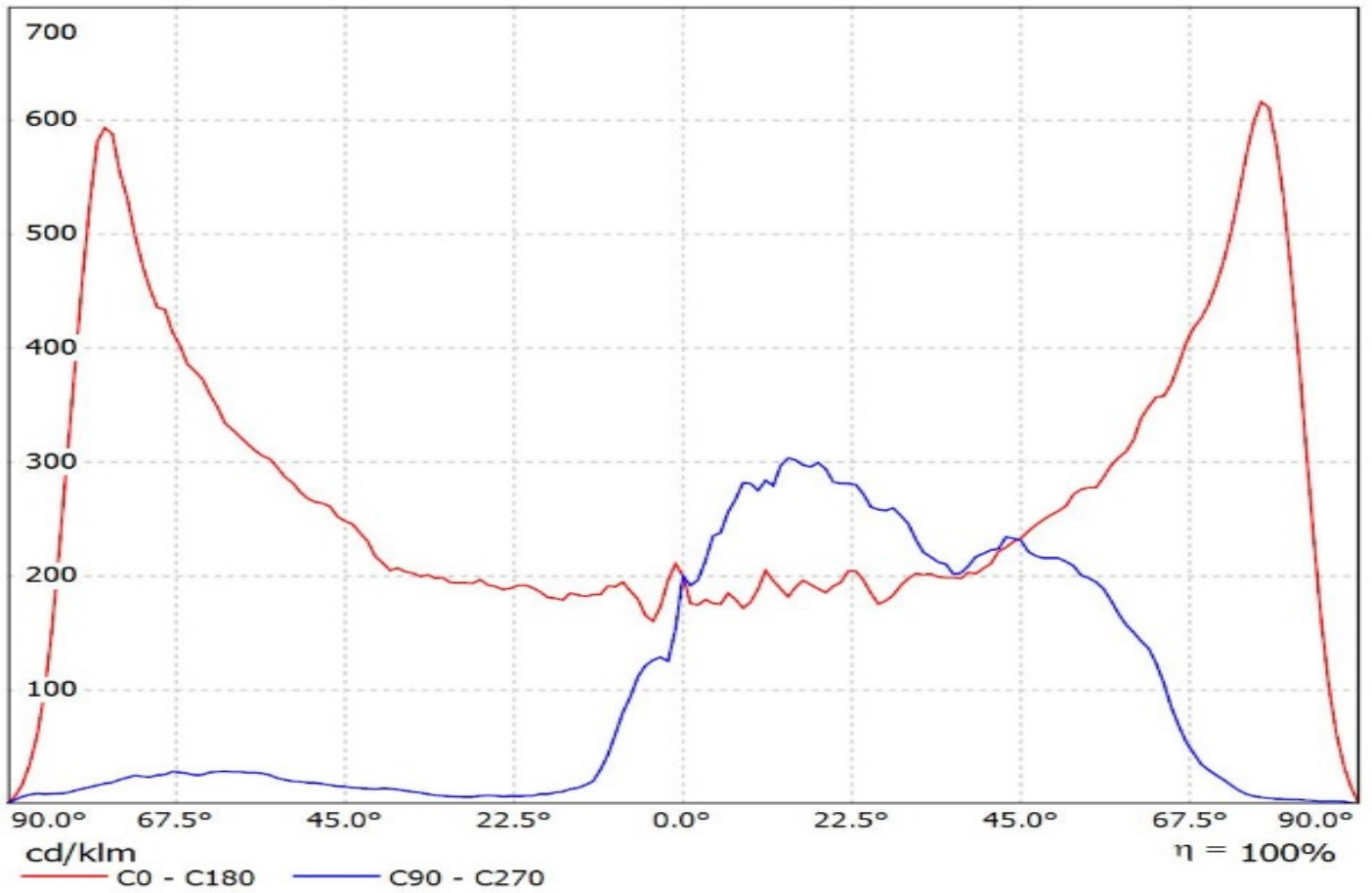
Luminaire: SIMULATED_C15021_STRADA-2X2-SCL_Cree_XB-H
Lamps: 1 x



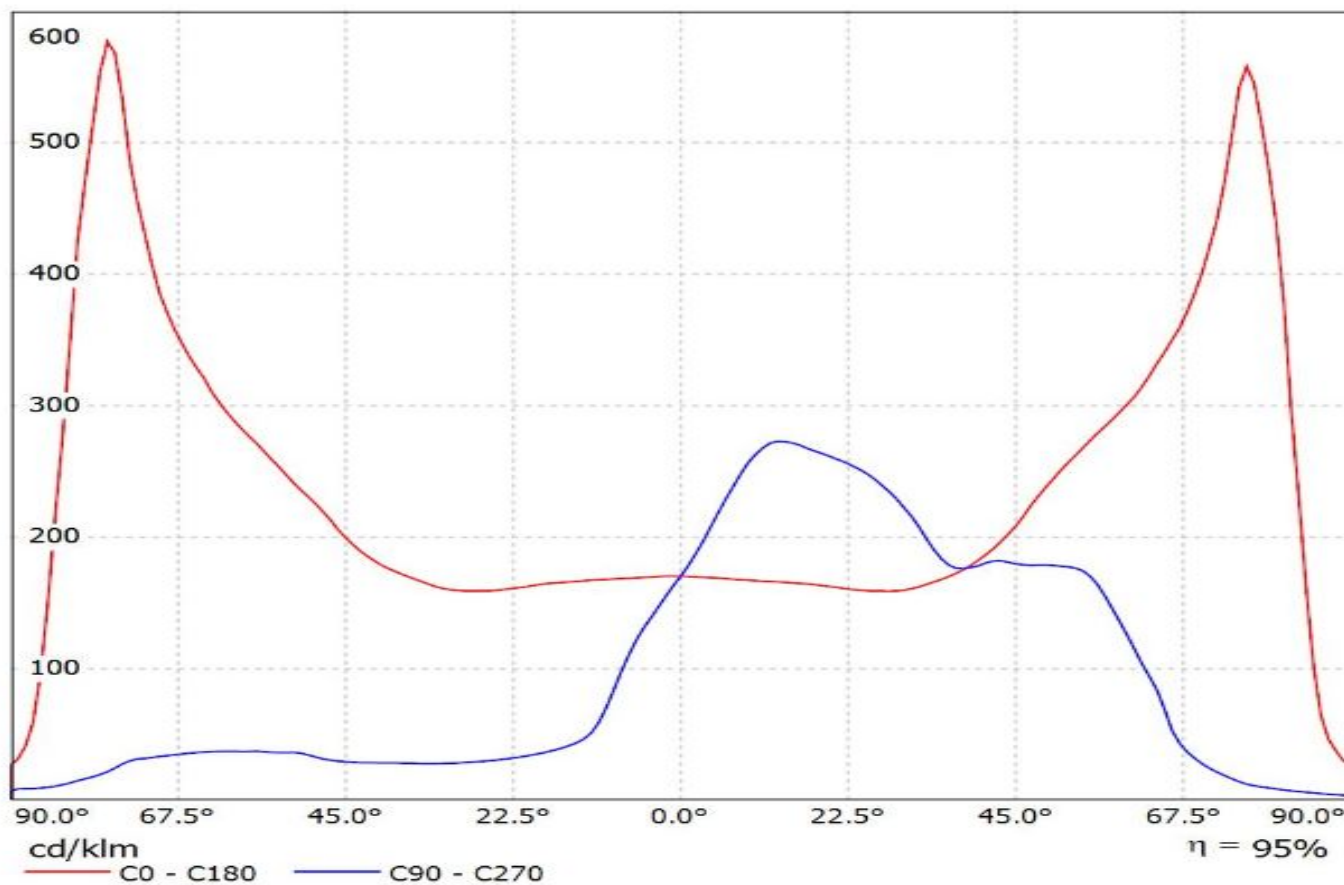
Luminaire: SIMULATED_C15021_STRADA-2X2-SCL_Cree_XHP35
Lamps: 1 x



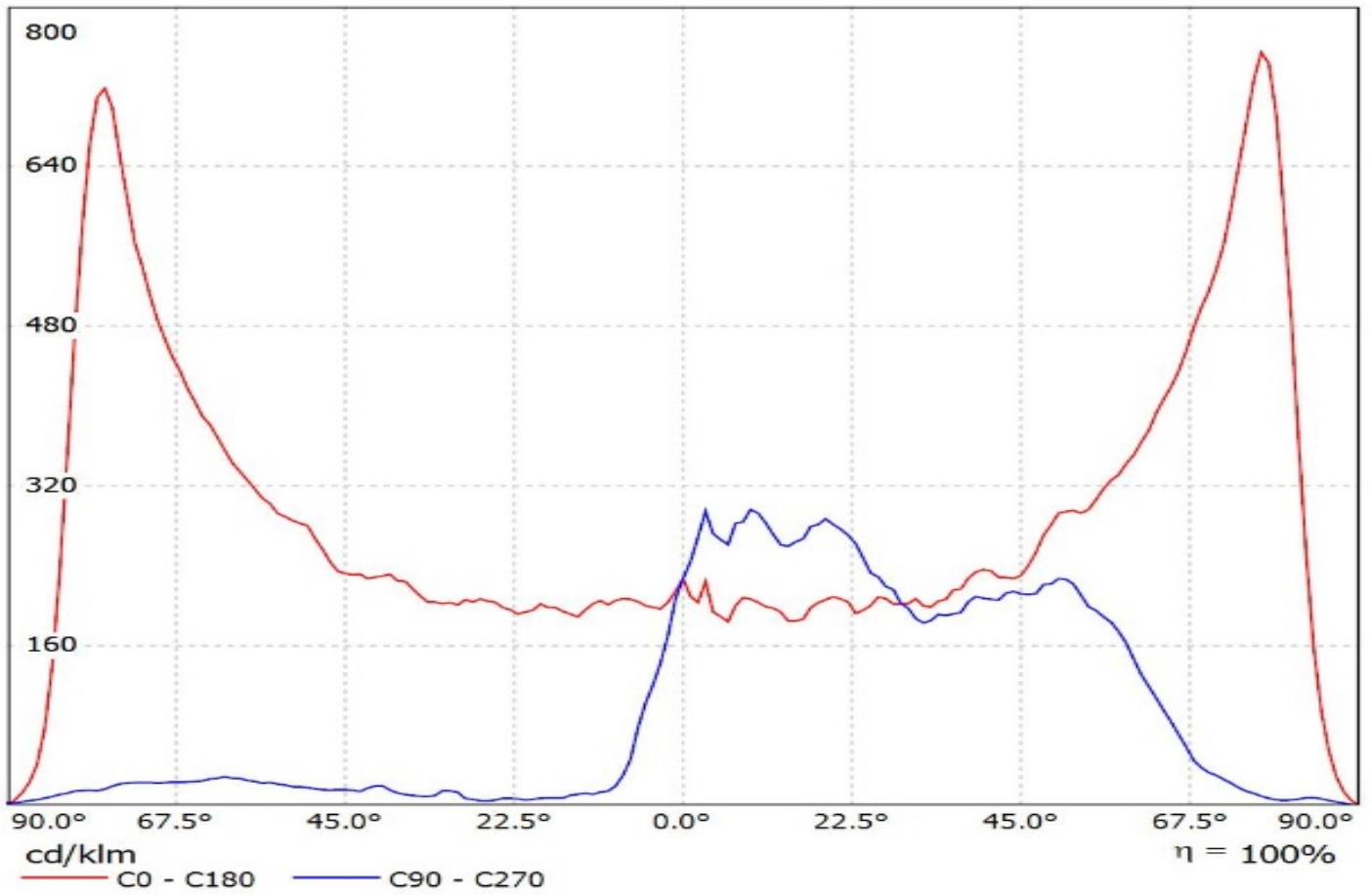
Luminaire: SIMULATED_C15021_STRADA-2X2-SCL_Cree_XM-L2
Lamps: 1 x



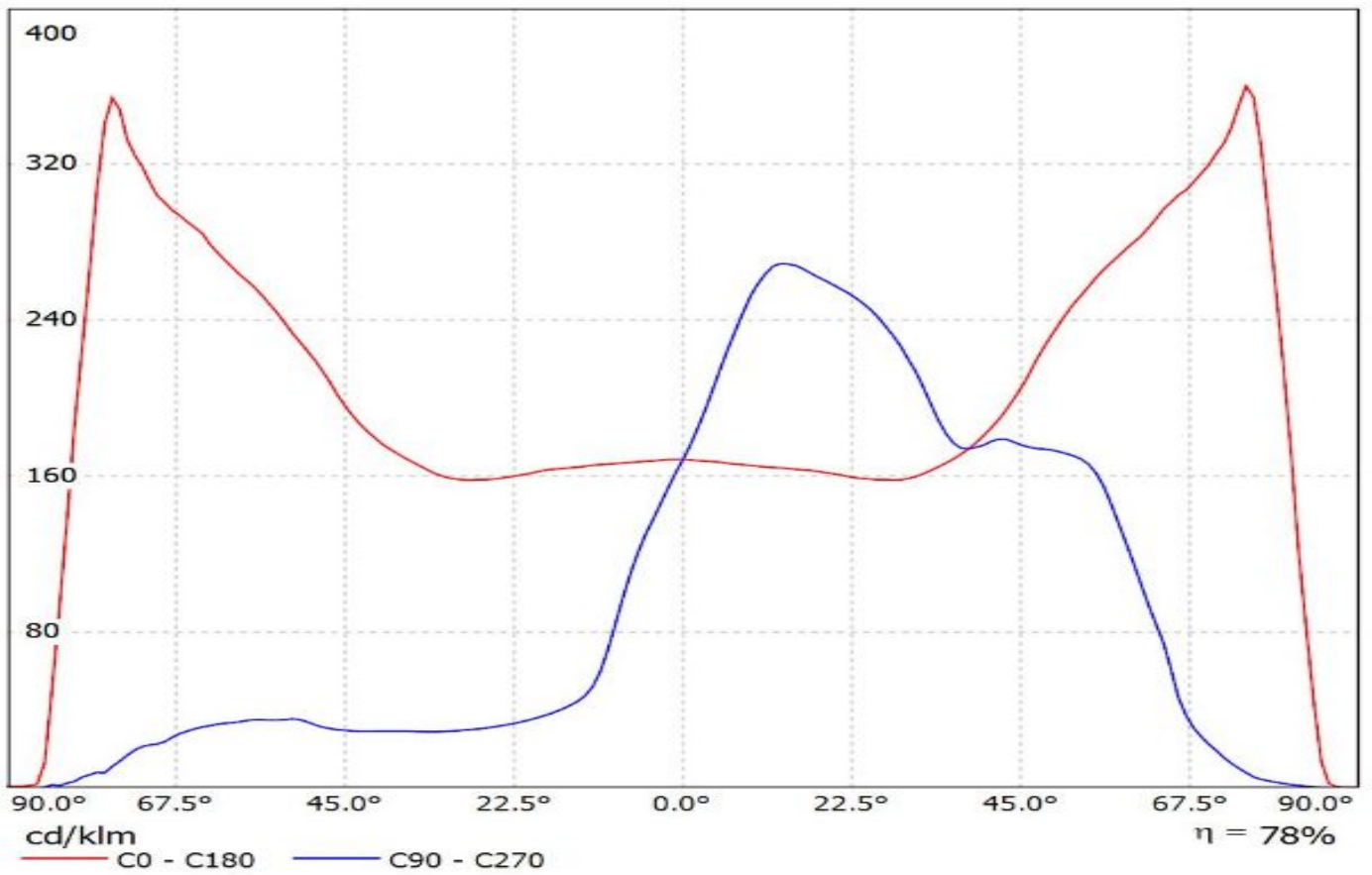
Luminaire: Ledil C15021_STRADA-2X2-SCL_(XP-L)
Lamps: 1 x CREE_XP-L_2x2_(XPLAWT-0-1B0-V40-00-0001)
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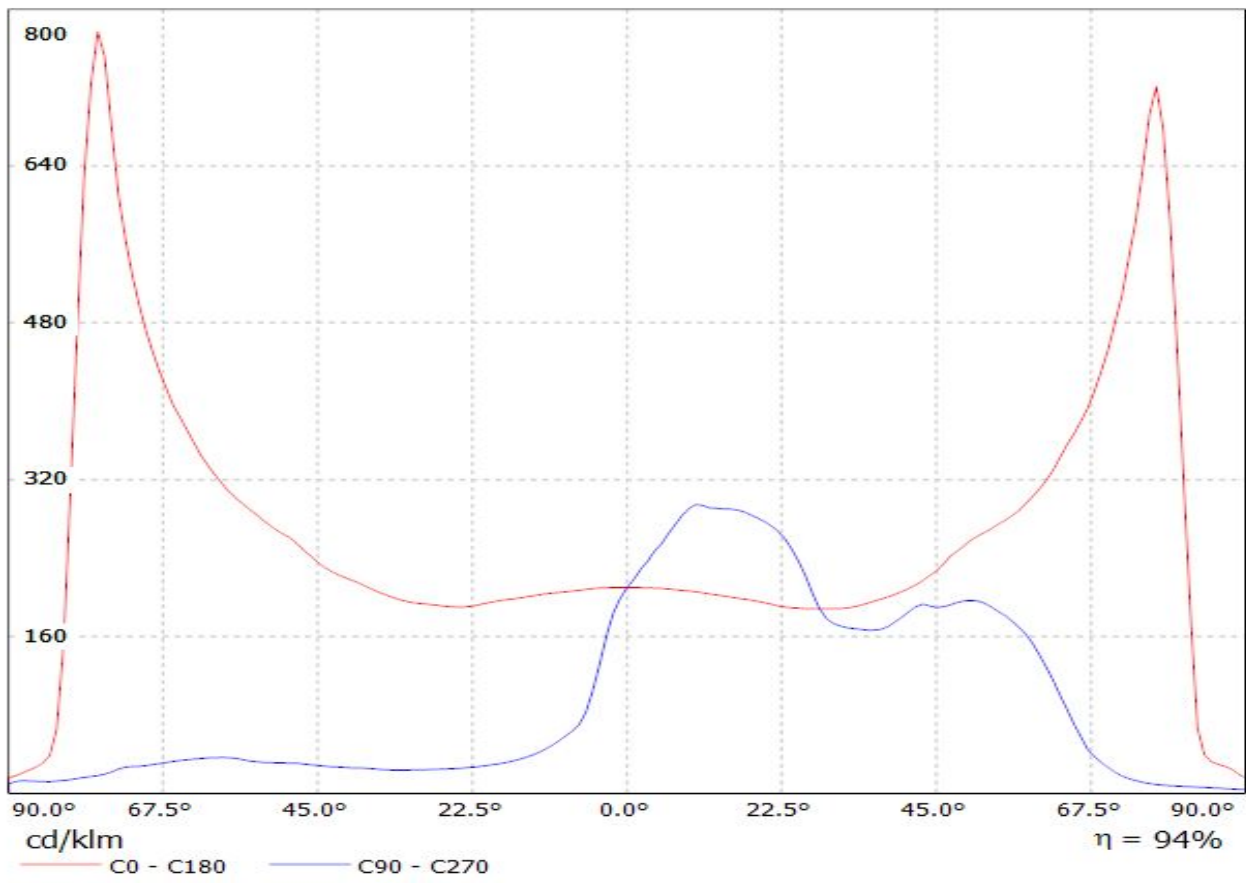
Luminaire: SIMULATED_C15021_STRADA-2X2-SCL_Cree_XP-L-HI
Lamps: 1 x



Luminaire: Ledil C15021_STRADA-2X2-SCL (XP-L)_glass
Lamps: 1 x CREE_XP-L_2x2_(XPLAWT-0-1B0-V40-00-0001)
_508.286lm@250mA_CCT=7600K_P=2.8173W_I=0.25A

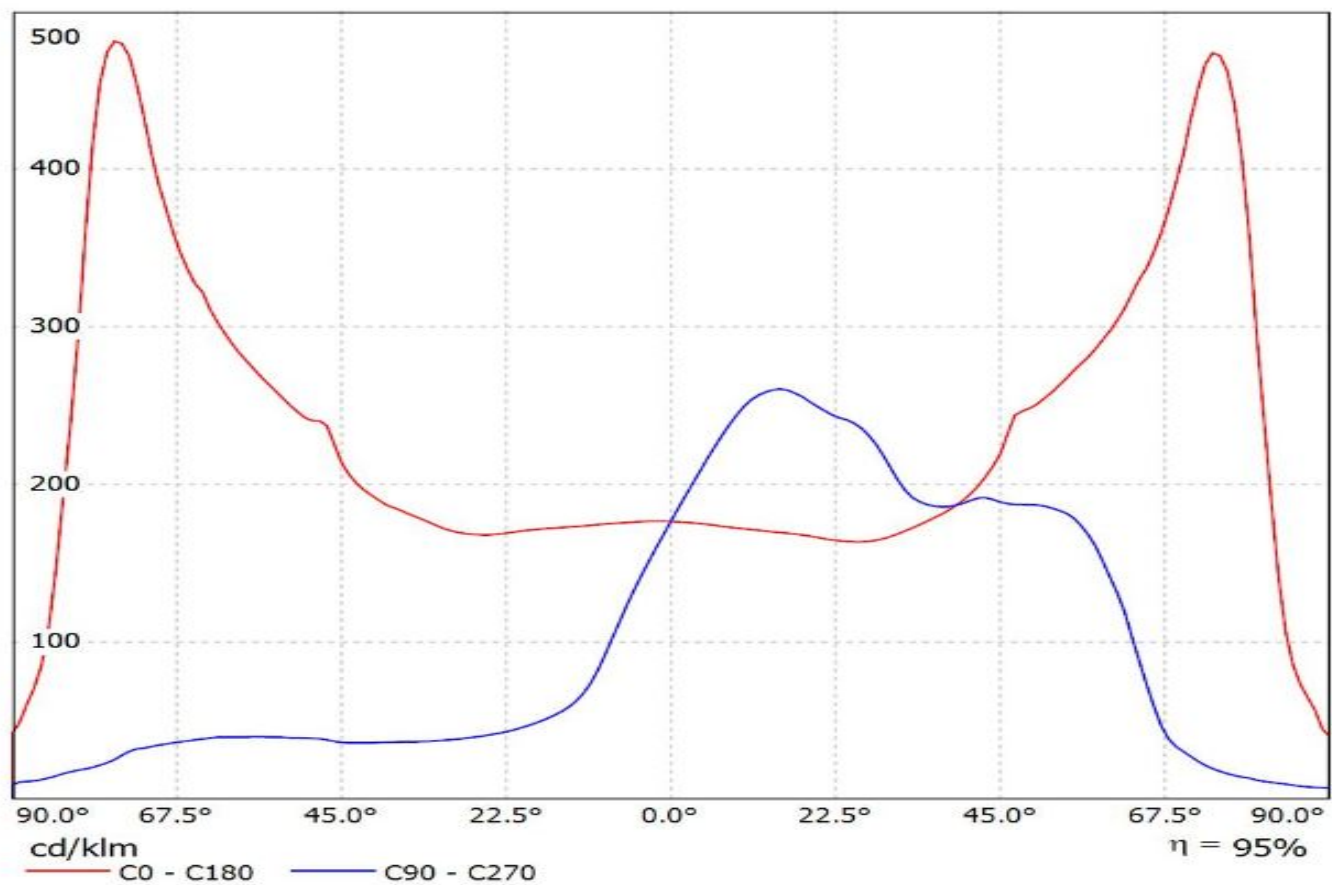


Luminaire: LEDiL Oy C15021_STRADA-2X2-SCL_(XP-G2)
Lamps: 1 x Cree_XP-G2_(XPGBWT-L1-000-00-G51)_409.845lm@250mA_P=2.94464_I=0.250A

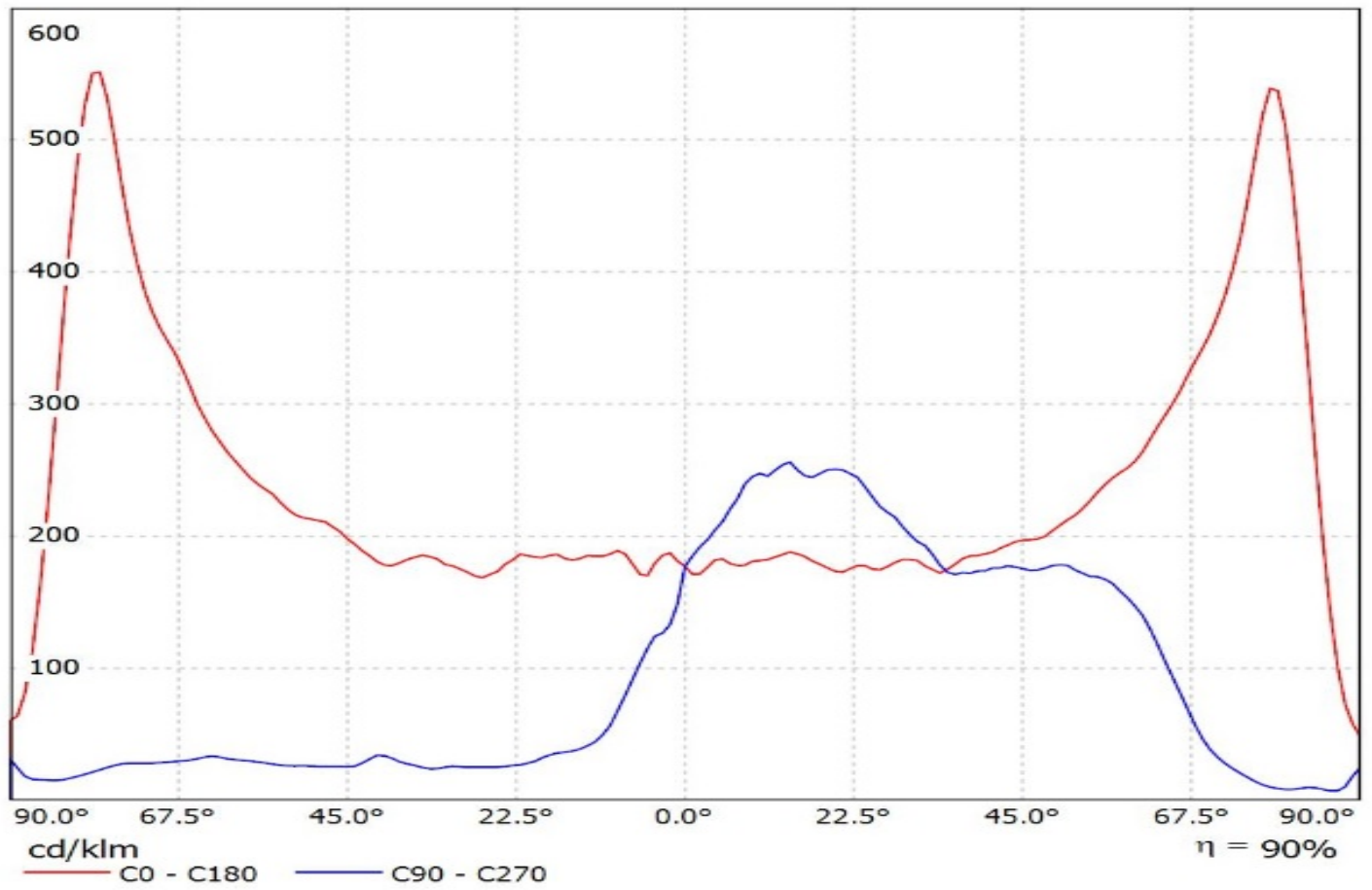


Luminaire: Ledil C15021_STRADA-2X2-SCL_(XP-L2)

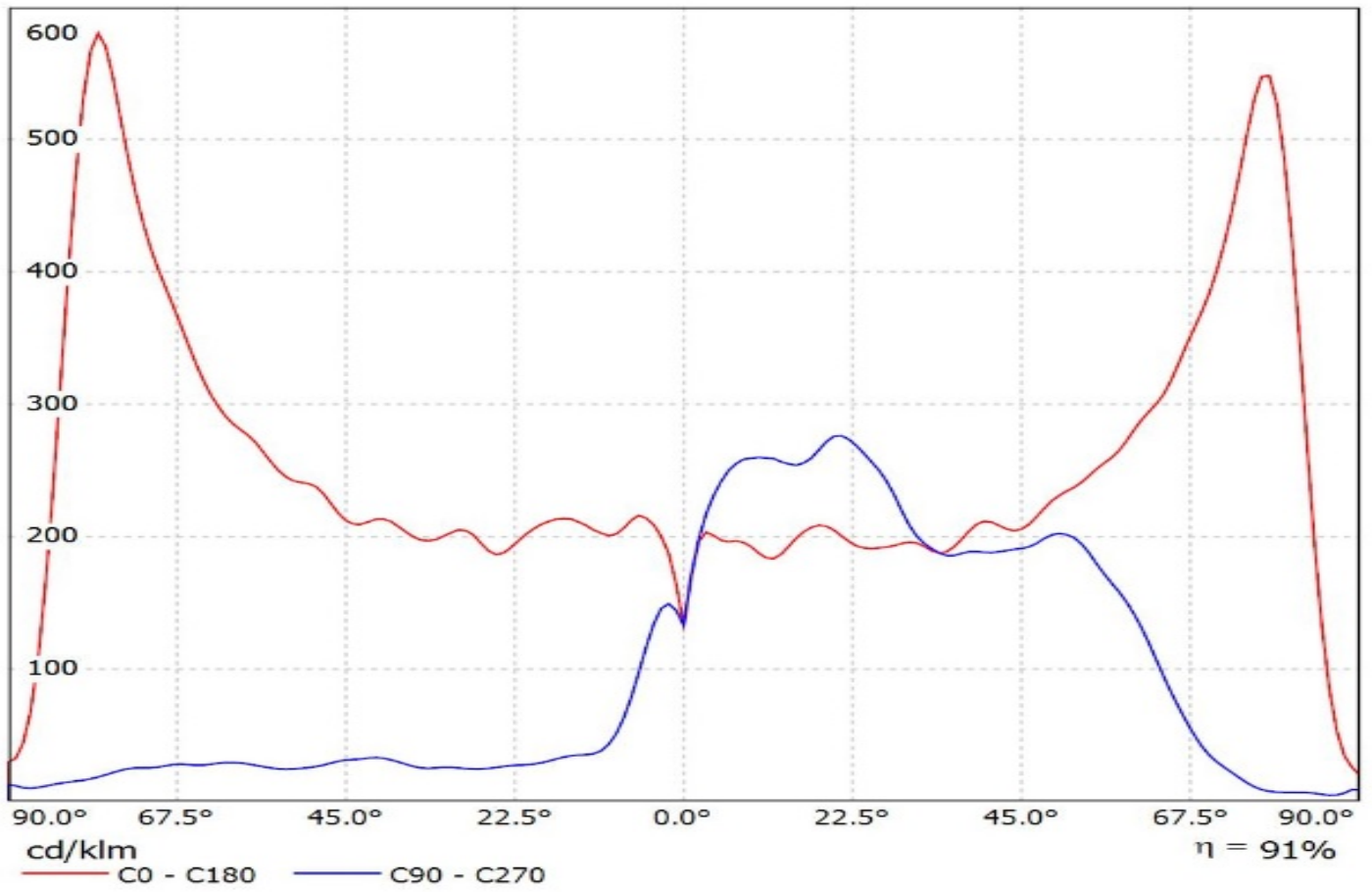
Lamps: 1 x Cree_XP-L2_2x2_(XPLBWT-00-0000-000BV50E3)550.93lm@250mA_P=2.7815W_I=0.25A



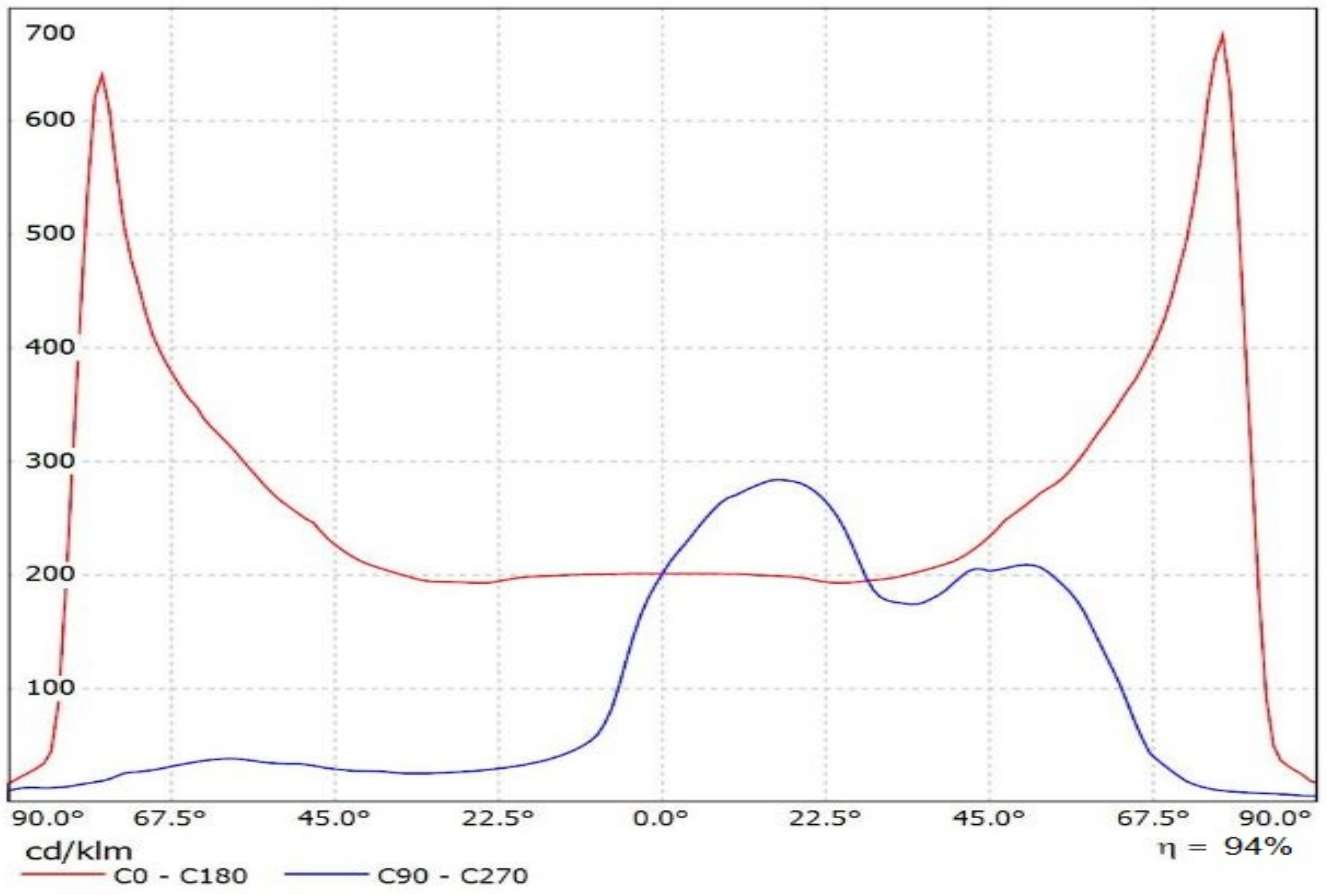
Luminaire: Ledil Oy C15021_STRADA-2X2-SCL_(XP-G3)_SIMULATED
Lamps: 1 x Cree XP-G3



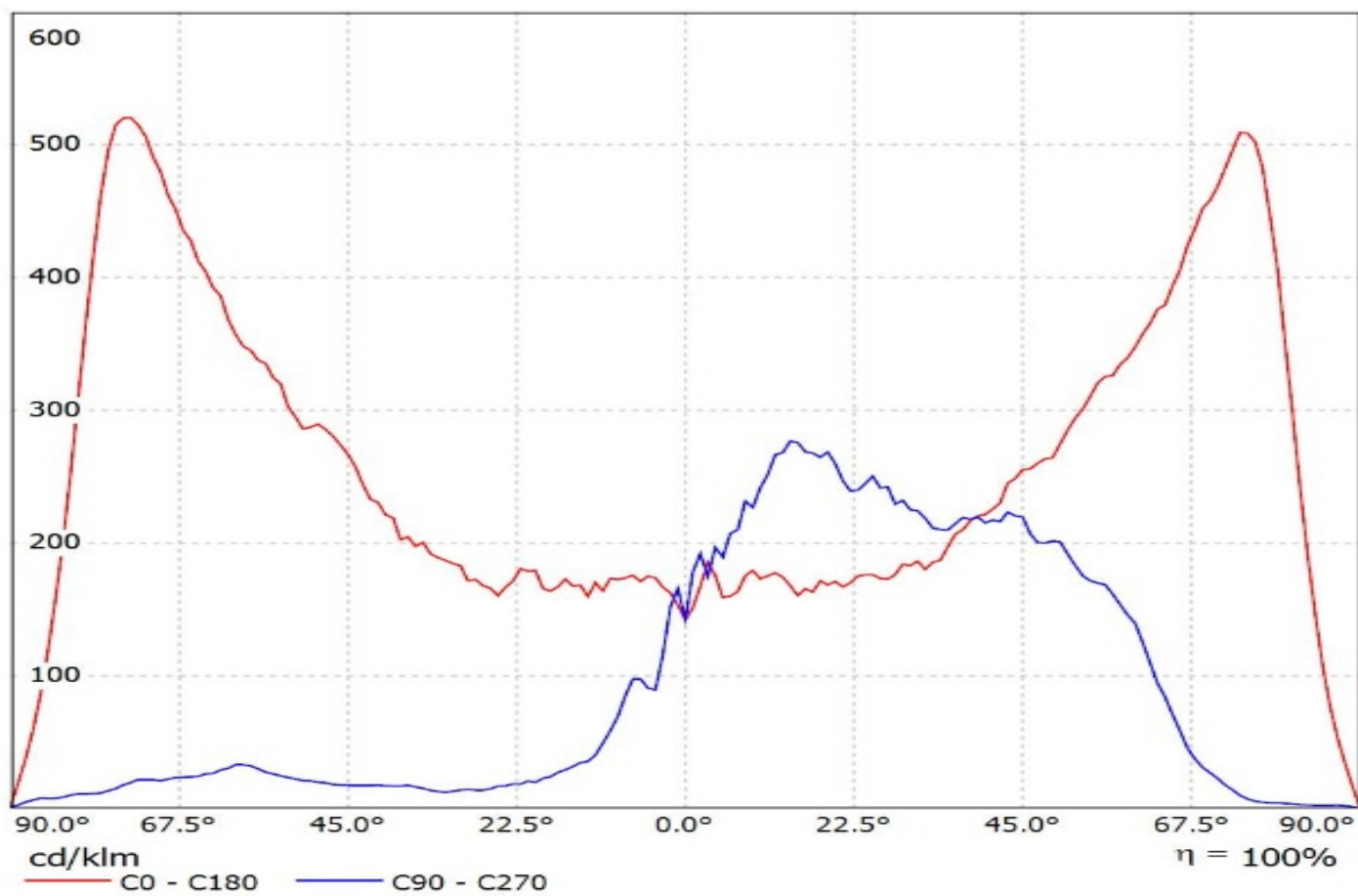
Luminaire: Ledil Oy C15021_STRADA-2X2-SCL_(H35C1)_SIMULATED
Lamps: 1 x LG H35C1 (CCT=5700K)



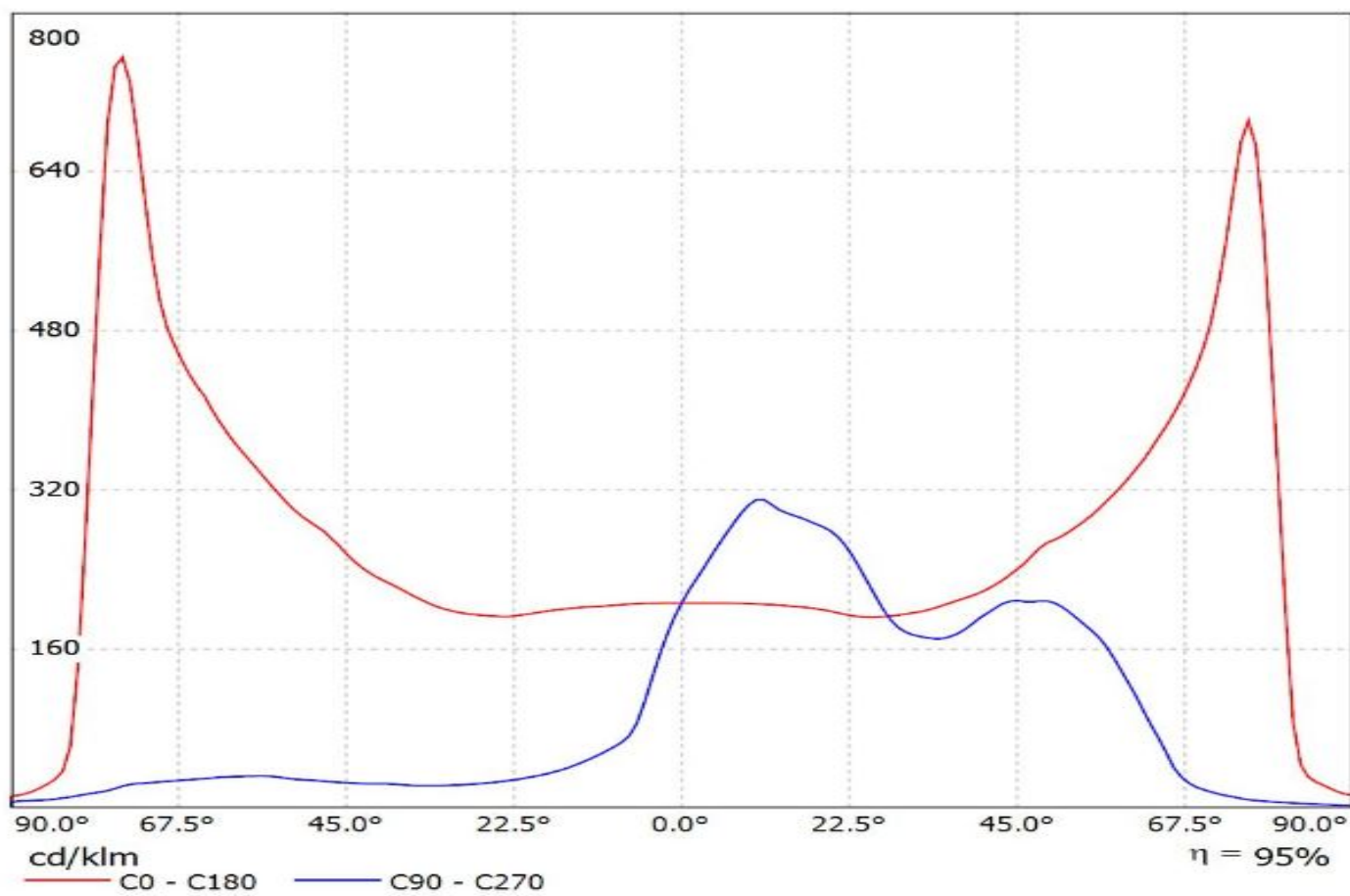
Luminaire: Ledil C15021_STRADA-2X2-SCL_(H35C1)
Lamps: 1 x LG_H35C1_2x2_477.216lm@250mA_P=2.87475W_I=0.250A



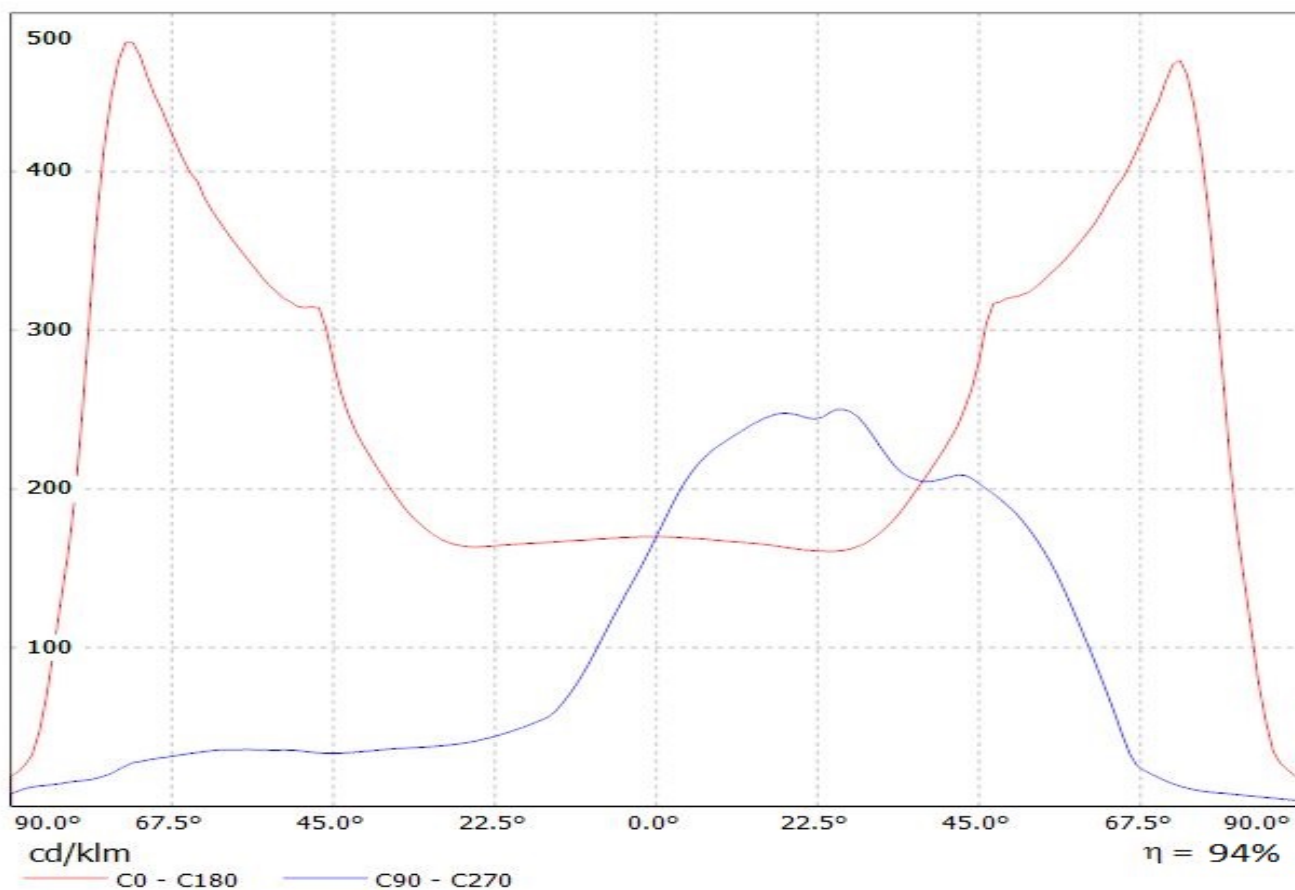
Luminaire: SIMULATED_C15021_STRADA-2X2-SCL_Luxeon-5258
Lamps: 1 x



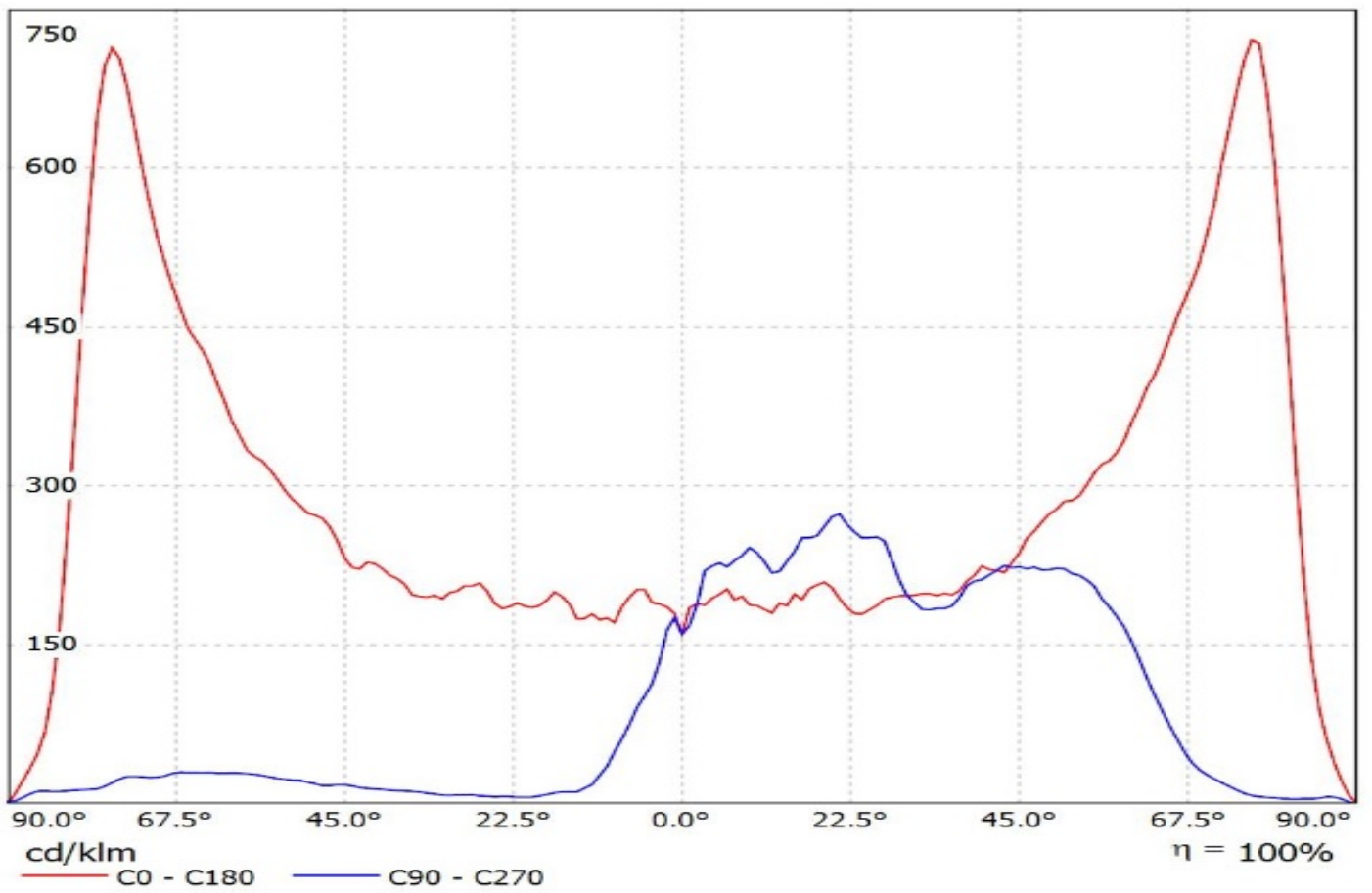
Luminaire: Ledil C15021_STRADA-2X2-SCL_(Luxeon_TX)
Lamps: 1 x Luxeon_TX_(L1T2-3585)_Im@250mA_P=W_I=0.250A



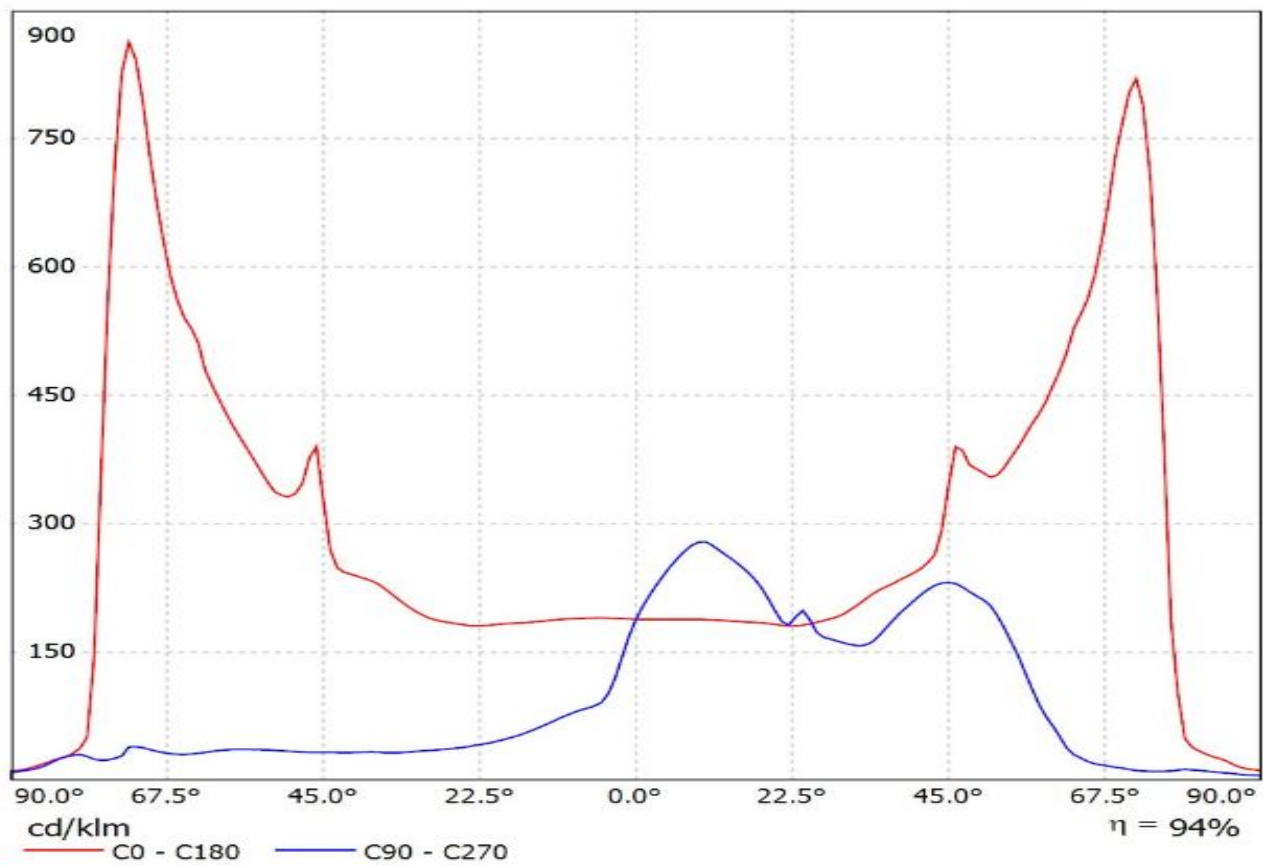
Luminaire: LEDiL Oy C15021_STRADA-2X2-SCL_(Luxeon_5050)
Lamps: 1 x Luxeon_5050_2x2_1270.76lm@80mA_CCT=5700K_P=7.35815W_I=0.080A_70CRI



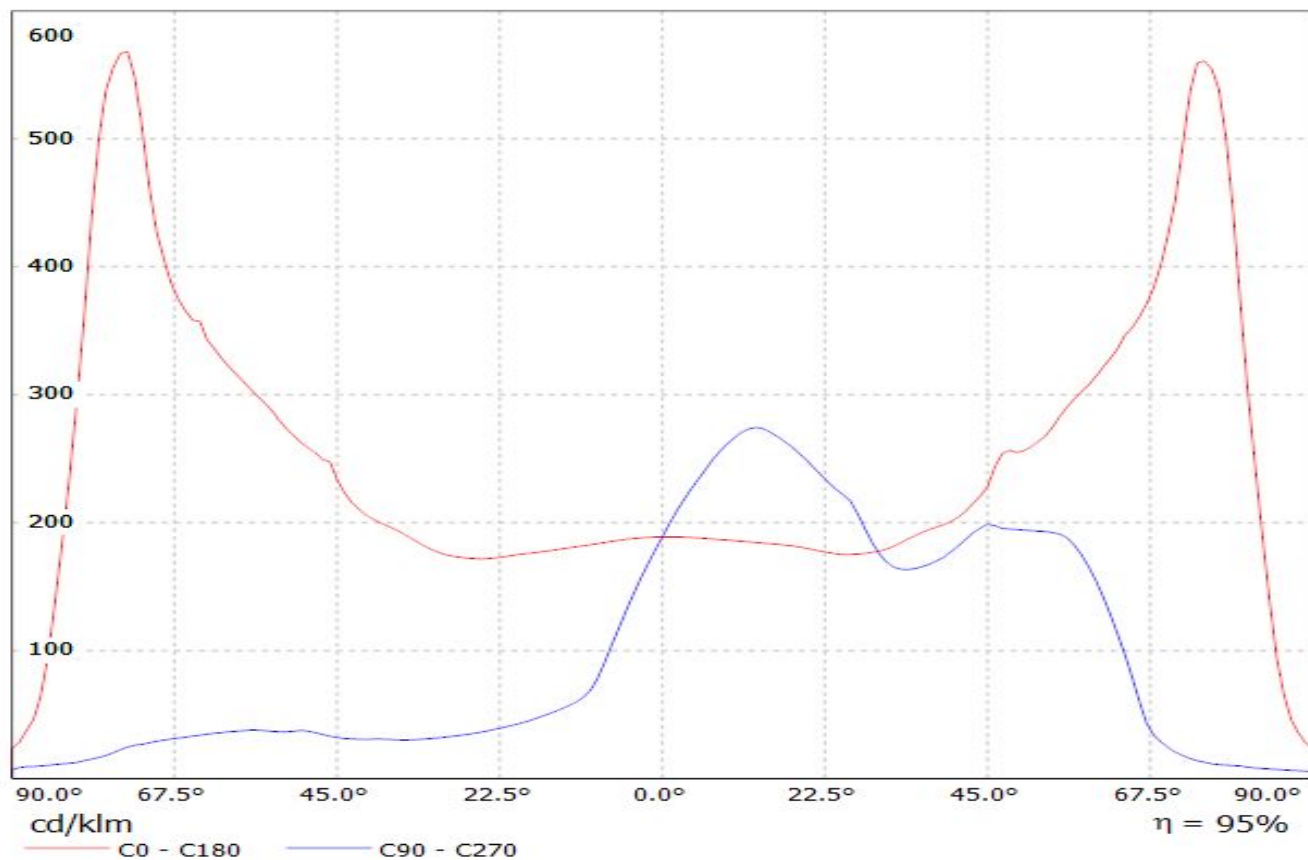
Luminaire: SIMULATED_C15021_STRADA-2X2-SCL_Nichia_NV5xx19C
Lamps: 1 x



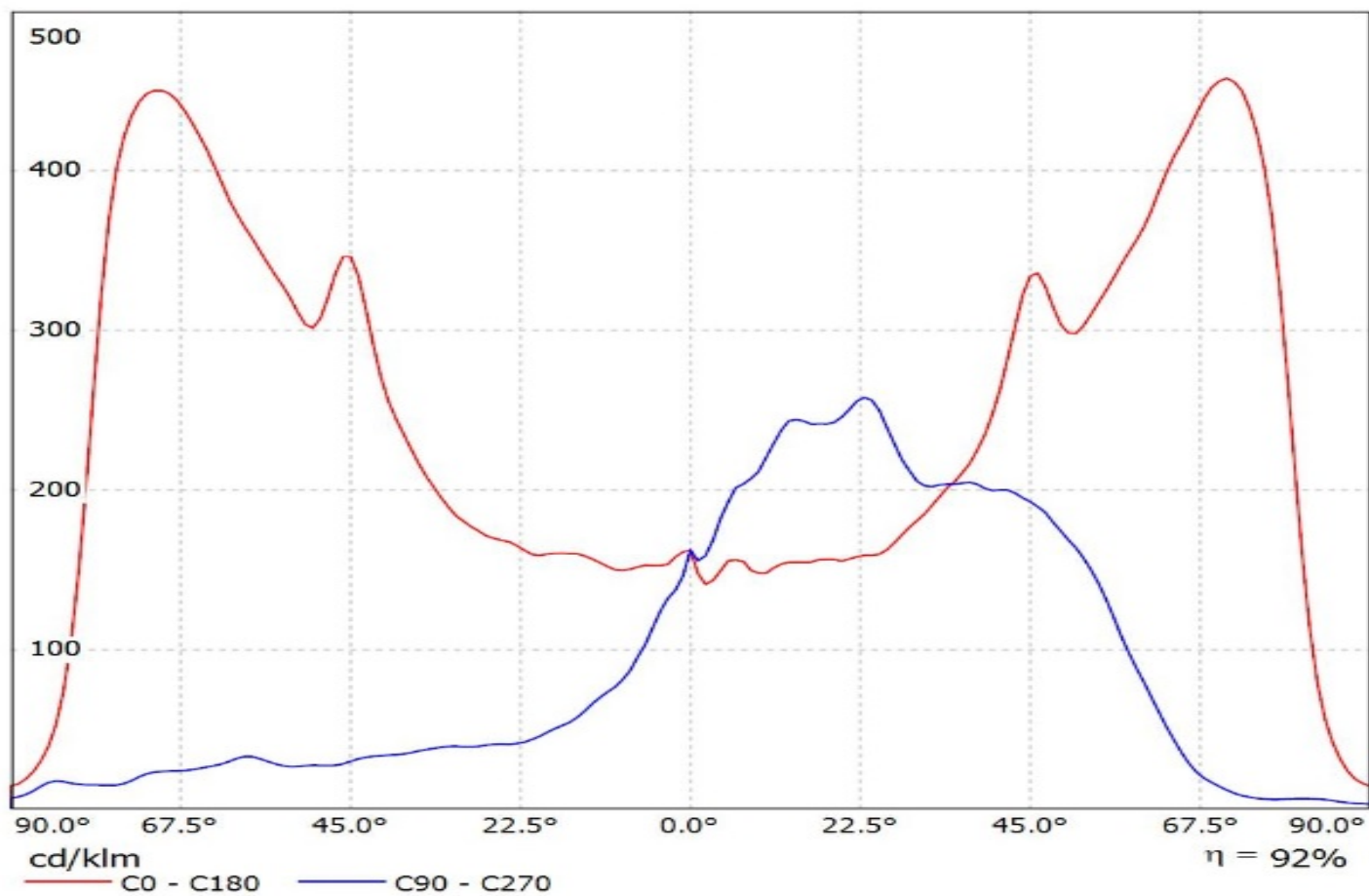
Luminaire: LEDiL Oy C15021_STRADA-2X2-SCL_(E21A)
Lamps: 1 x Nichia_E21A_452.248lm@250mA_2.805W_I=0.250A



Luminaire: LEDiL Oy C15021_STRADA-2X2-SCL_(NVSW319AE)
Lamps: 1 x Nichia_NVSW319AE_499.093lm@250mA_P=2.79052W_I=0.25A

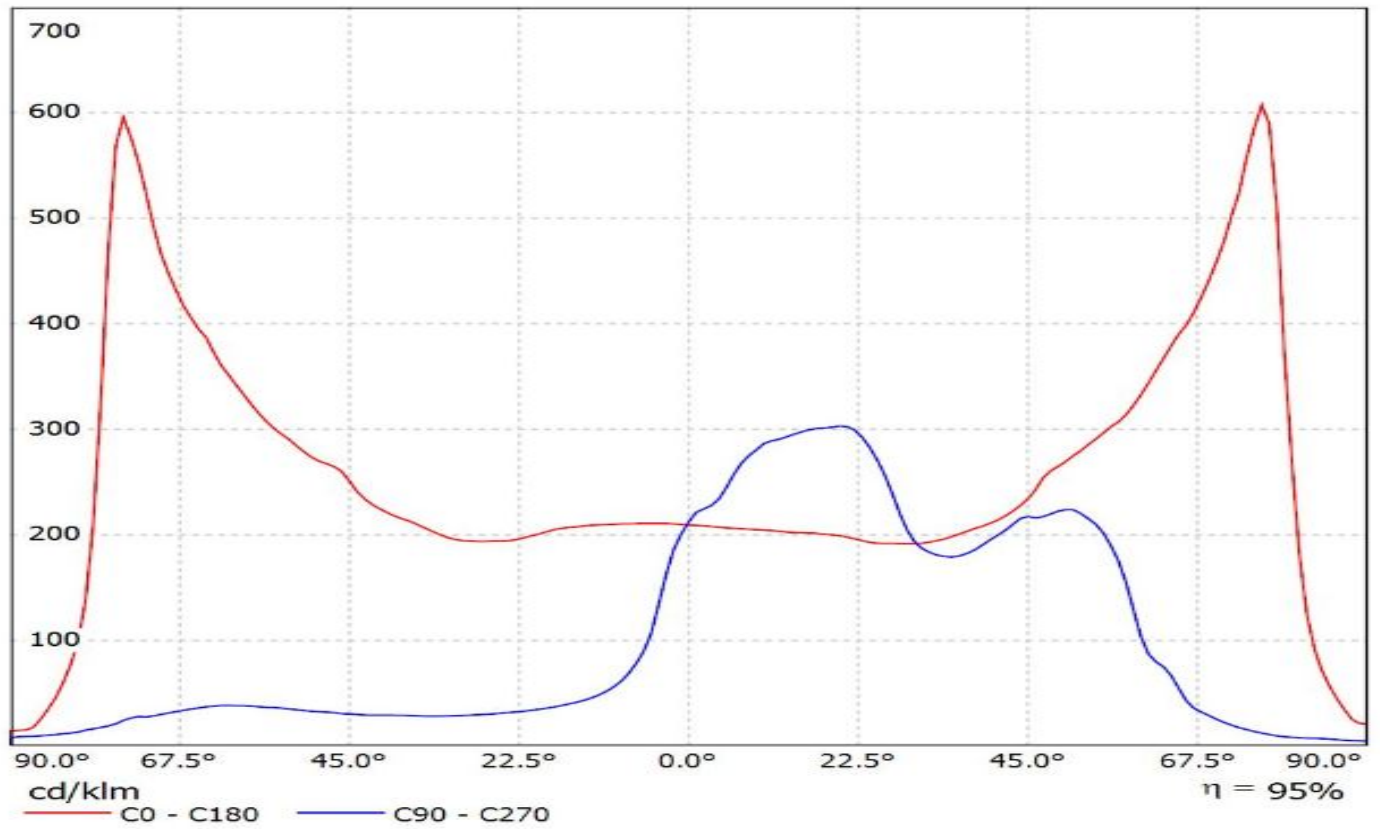


Luminaire: Ledil Oy C15021_STRADA-2X2-SCL_(Duris_S8)_SIMULATED
Lamps: 1 x Osram Duris S8 (GW P9LM21.EM)



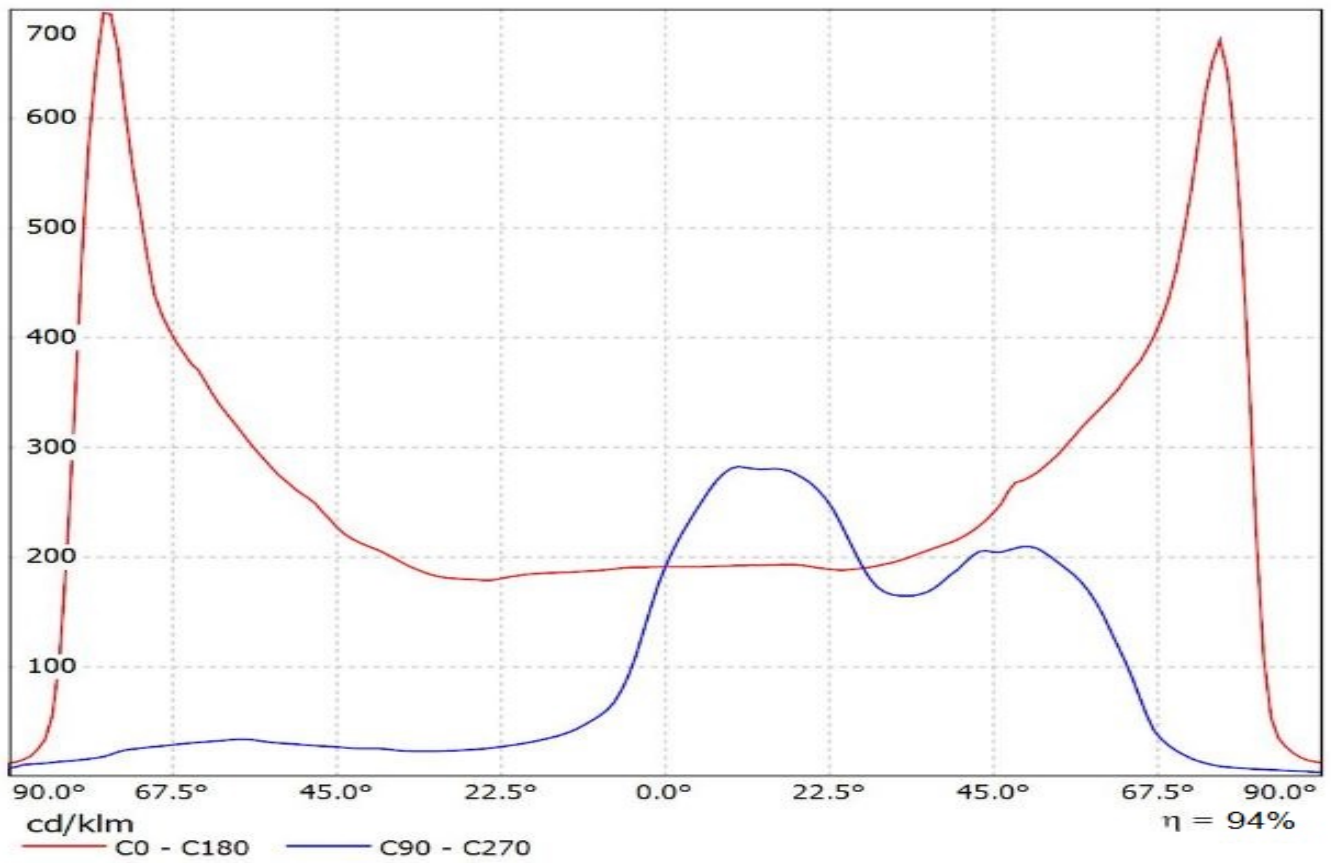
Ledil C15021_STRADA-2X2-SCL_(SQ-PC) / LDC (Linear)

Luminaire: Ledil C15021_STRADA-2X2-SCL_(SQ-PC)
Lamps: 1 x Osram_Oslon_Square-PC_2x2_(GW_CSSRM1.PC)
_421.516lm@250mA_CCT=5201K_P=2.8653W_I=0.25A

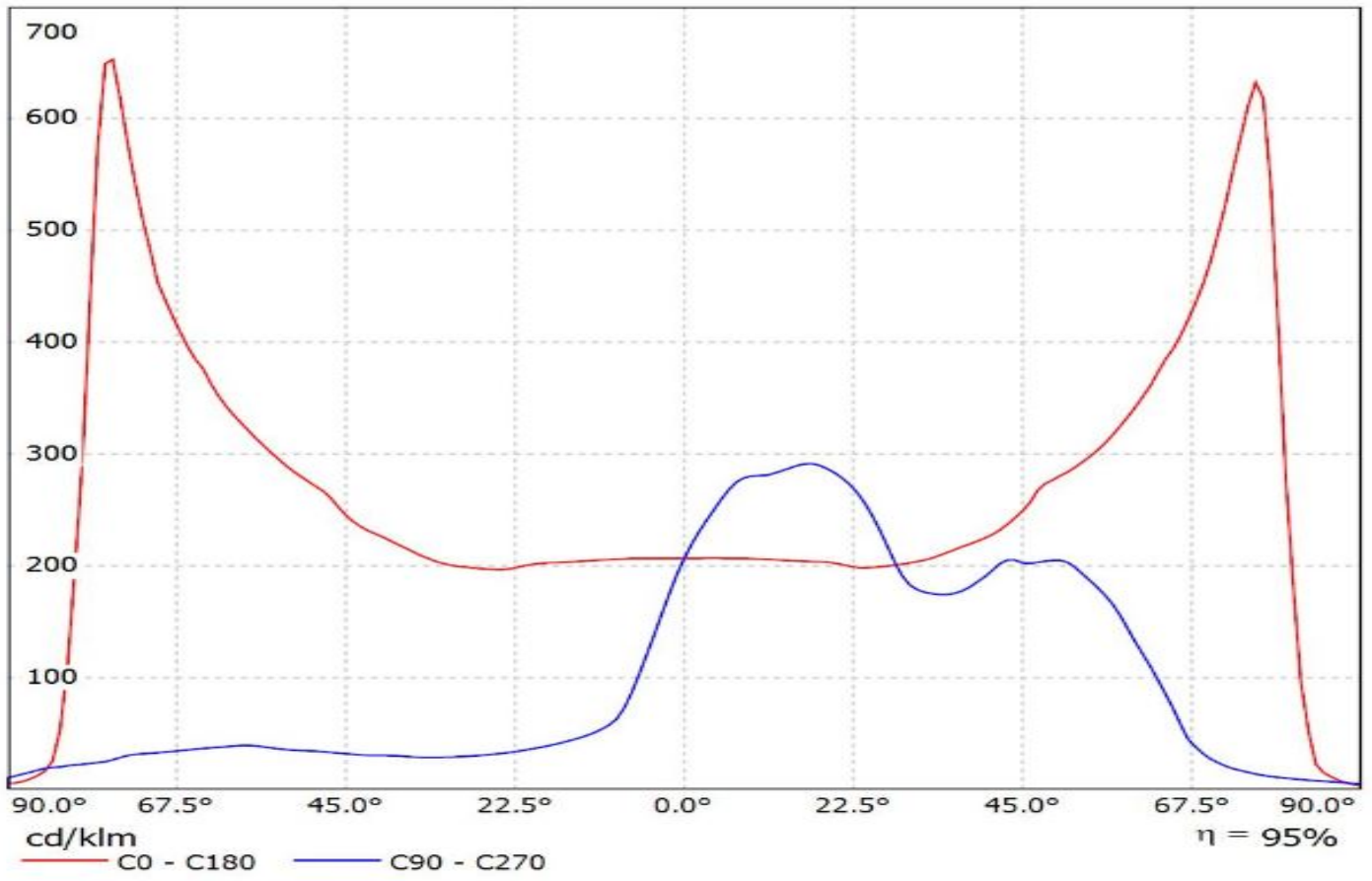


Luminaire: Ledil C15021_STRADA-2X2-SCL (Square_Gen3)

Lamps: 1 x Osram_Square_Gen3 (GW_CSSRM2.PM)_461.082lm@250mA_P=2.79075W_I=0.250A

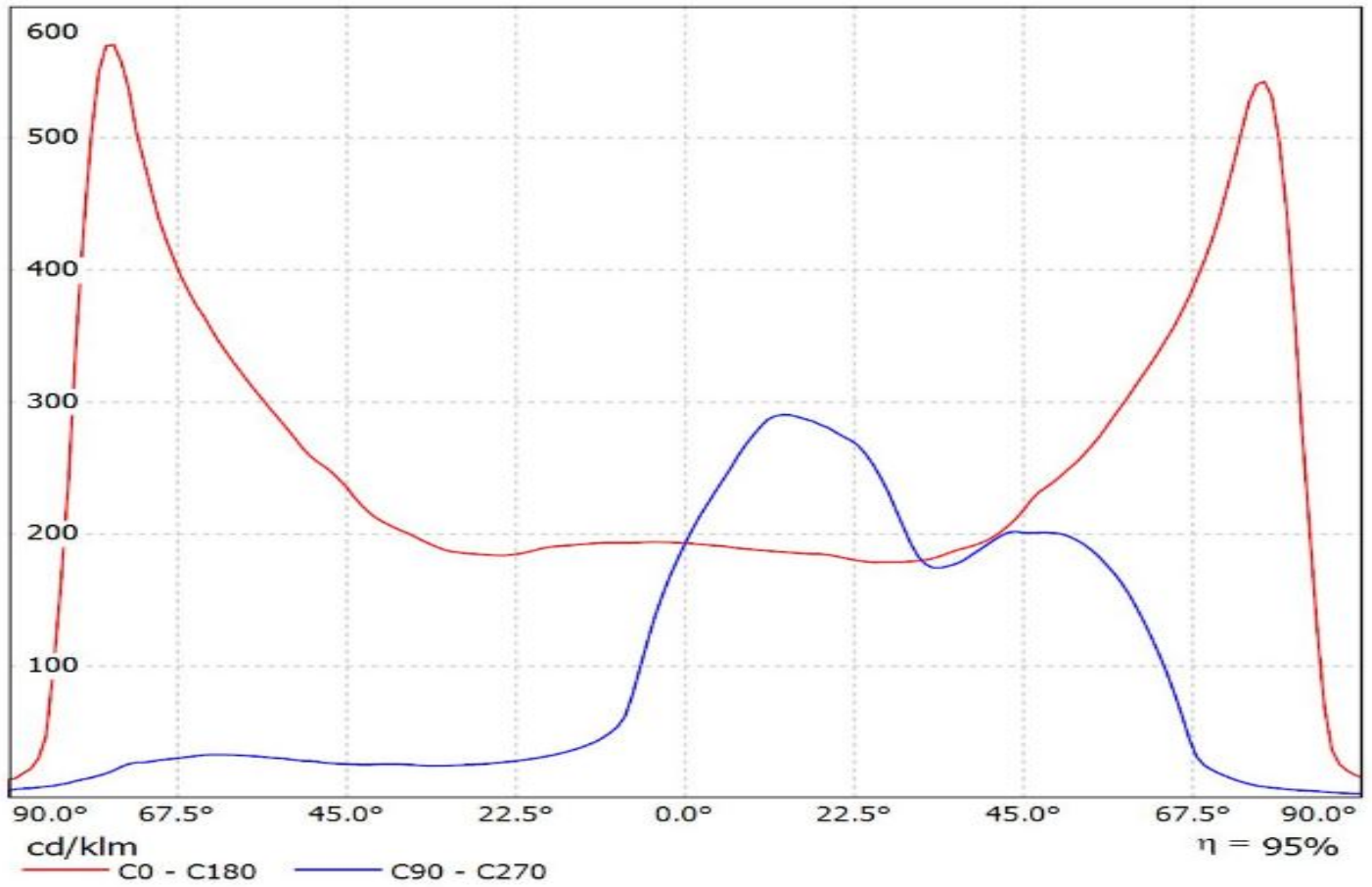


Luminaire: Ledil C15021_STRADA-2X2-SCL_(Fortimo_FastFlex_LED_board_2x8/740_DA_G3)
Lamps: 1 x Fortimo_FastFlex_LED_board_2x8/740_DA_G3_1828.23lm@250mA_P=11.667W_I=0.25A

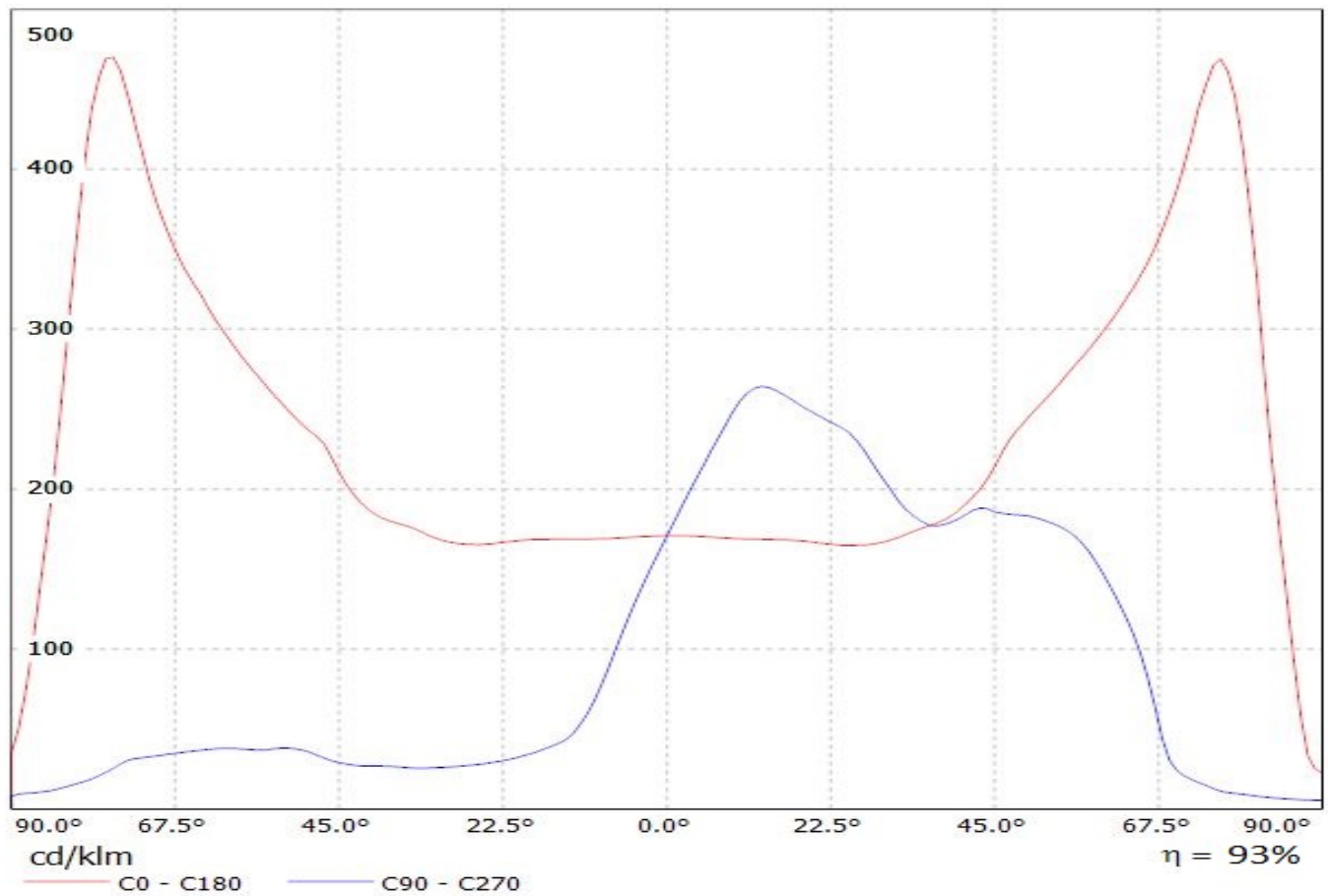


Luminaire: Ledil C15021_STRADA-2X2-SCL (LH351B)

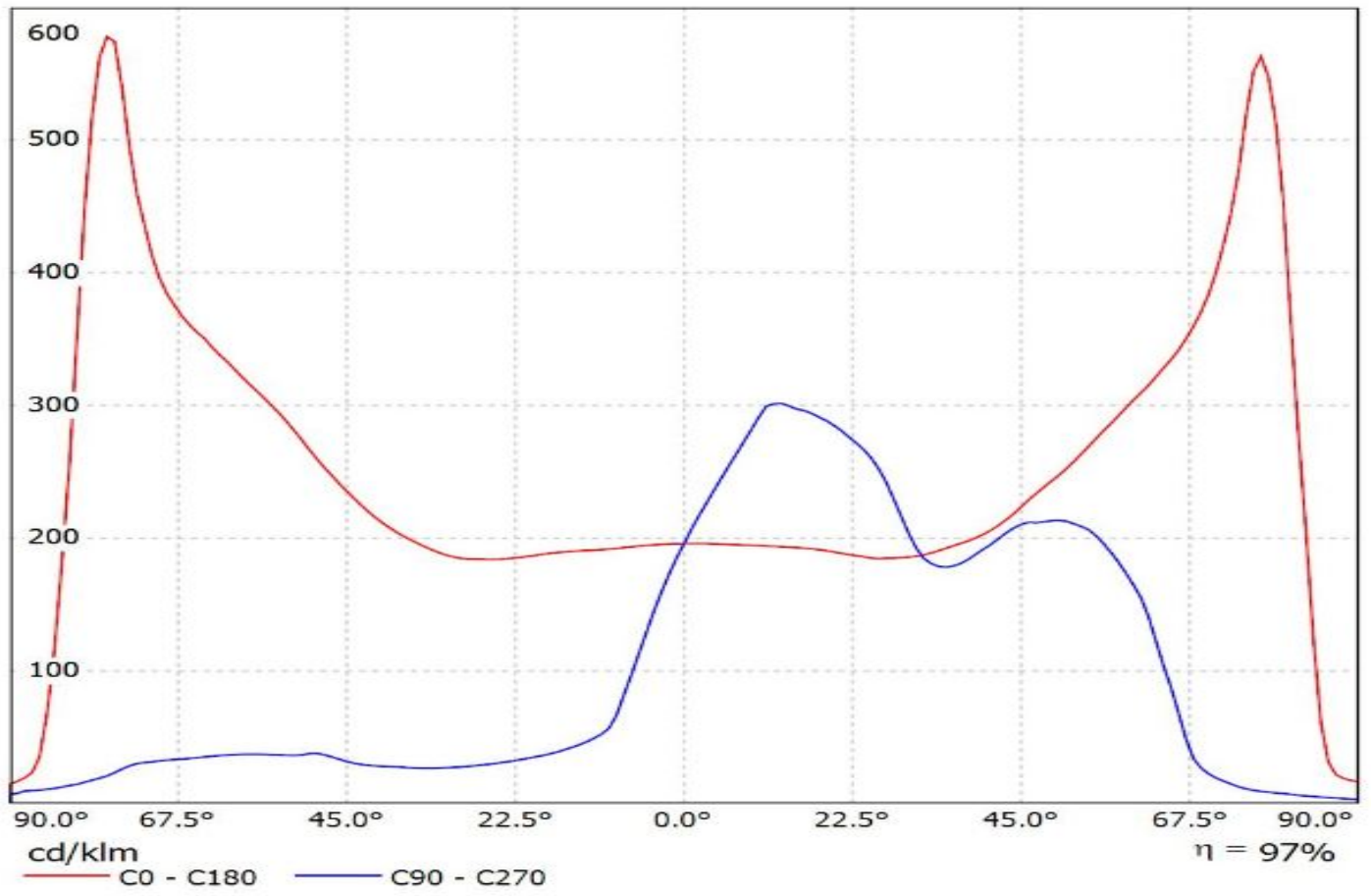
Lamps: 1 x Samsung_LH351B_2x2_444.178lm@250mA_P=2.8535W_I=0.25A



Luminaire: LEDiL Oy C15021_STRADA-2X2-SCL_(LH351D)
Lamps: 1 x Samsung_LH351D_524.264lm@250mA_P=2.7523W_I=0.250A

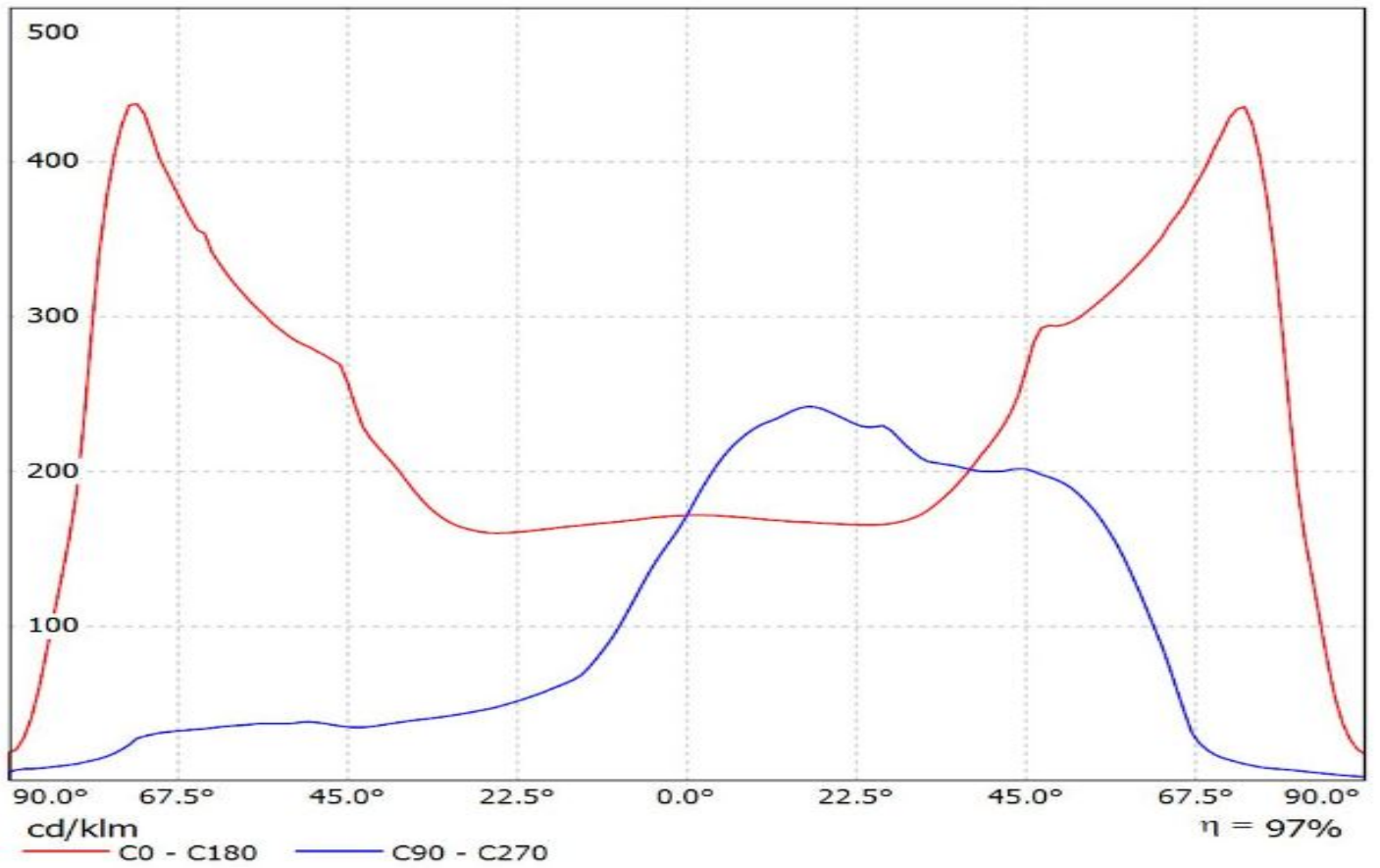


Luminaire: Ledil C15021_STRADA-2X2-SCL_(LH351C)
Lamps: 1 x Samsung_LH351C_518.223lm@250mA_P=2.85225W_I=0.25A

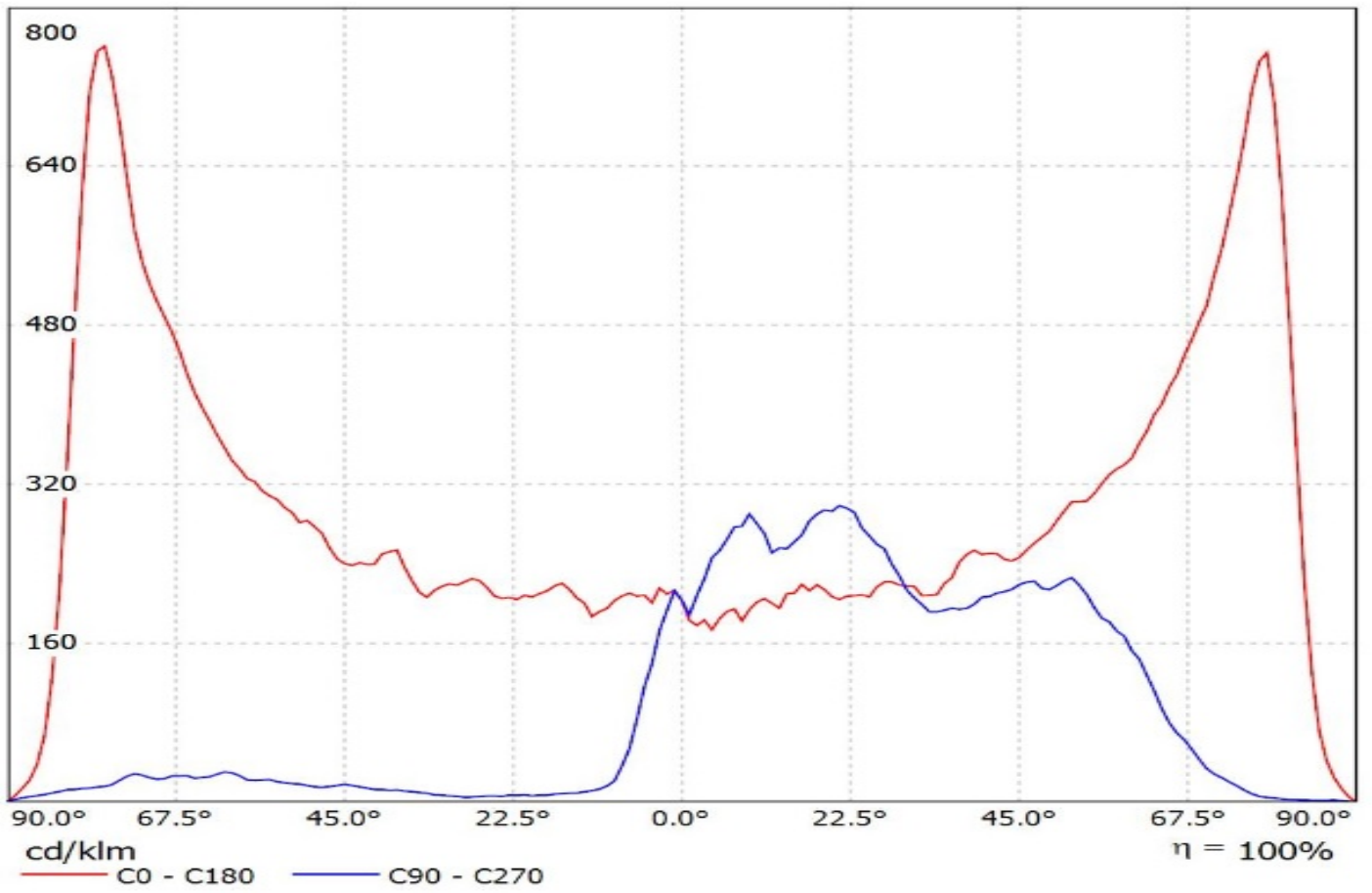


Luminaire: Ledil C15021_STRADA-2X2-SCL_(LH508A)

Lamps: 1 x Samsung_LH508A_2x2_2060.04lm@160mA_CCT=5000K_CRI=80_P=15.5405W_I=0.16A

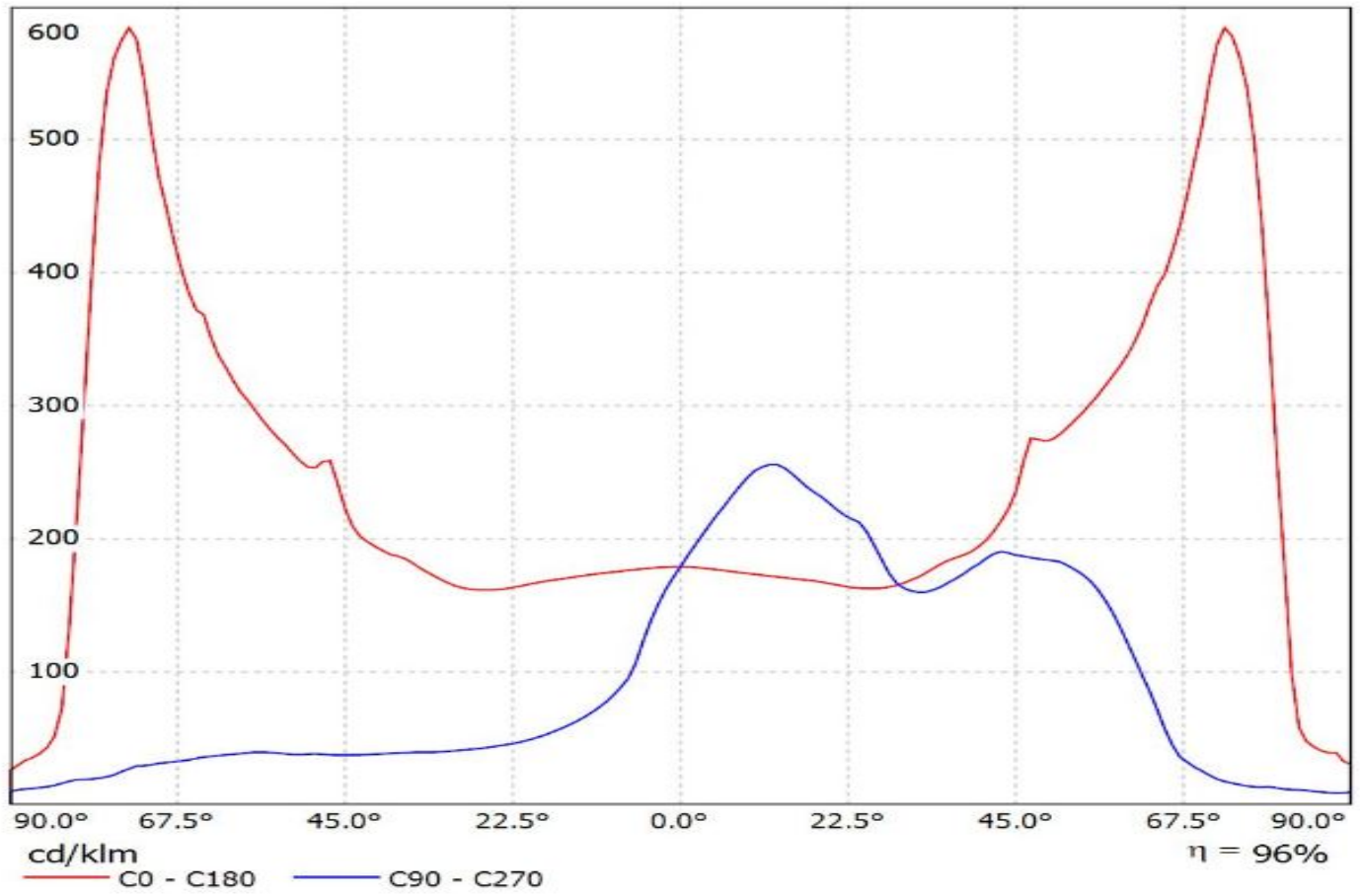


Luminaire: SIMULATED_C15021_STRADA-2X2-SCL_Seoul_Z5M2
Lamps: 1 x

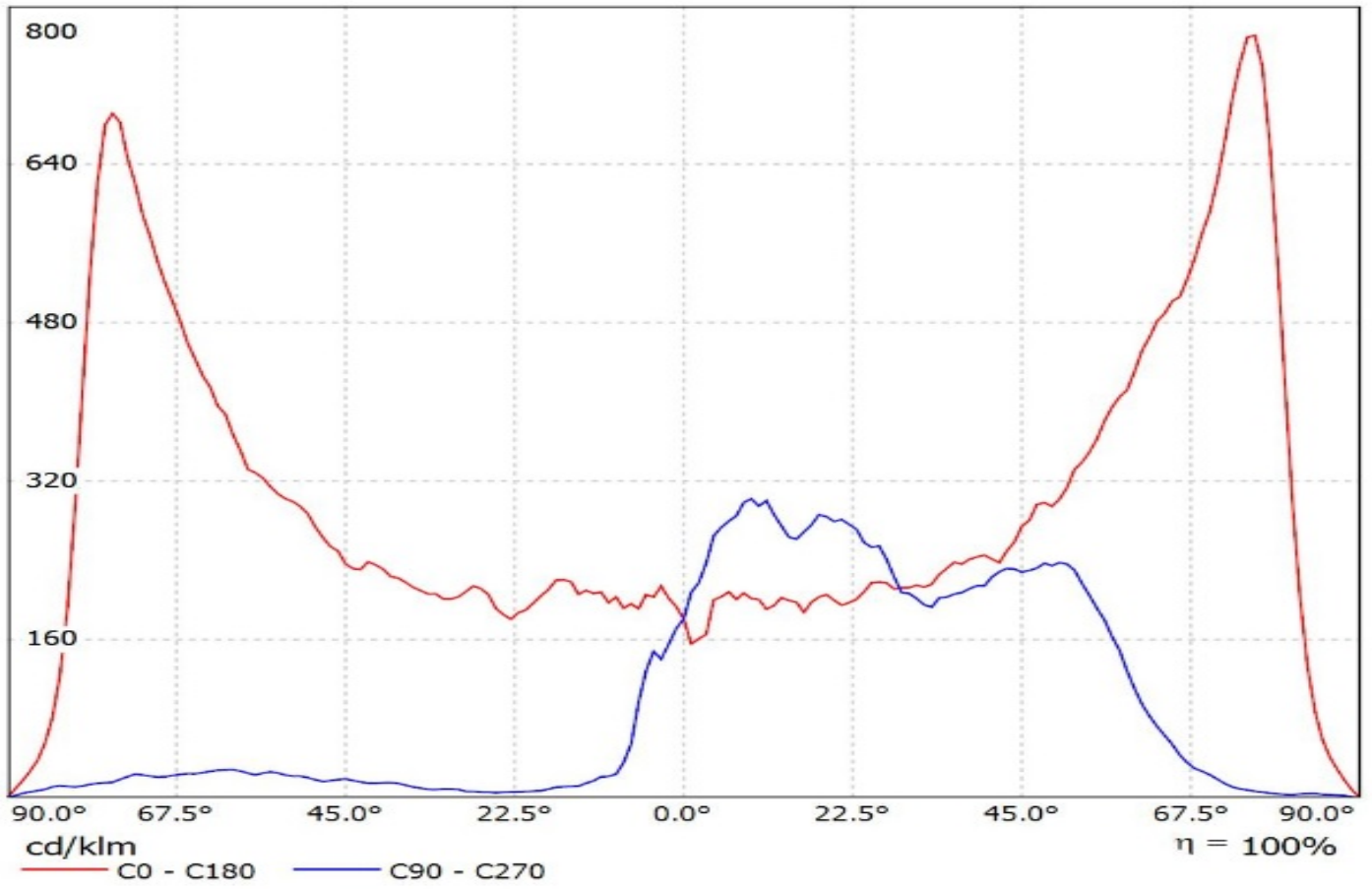


Luminaire: Ledil C15021_STRADA-2X2-SCL_(Z8Y22plus)

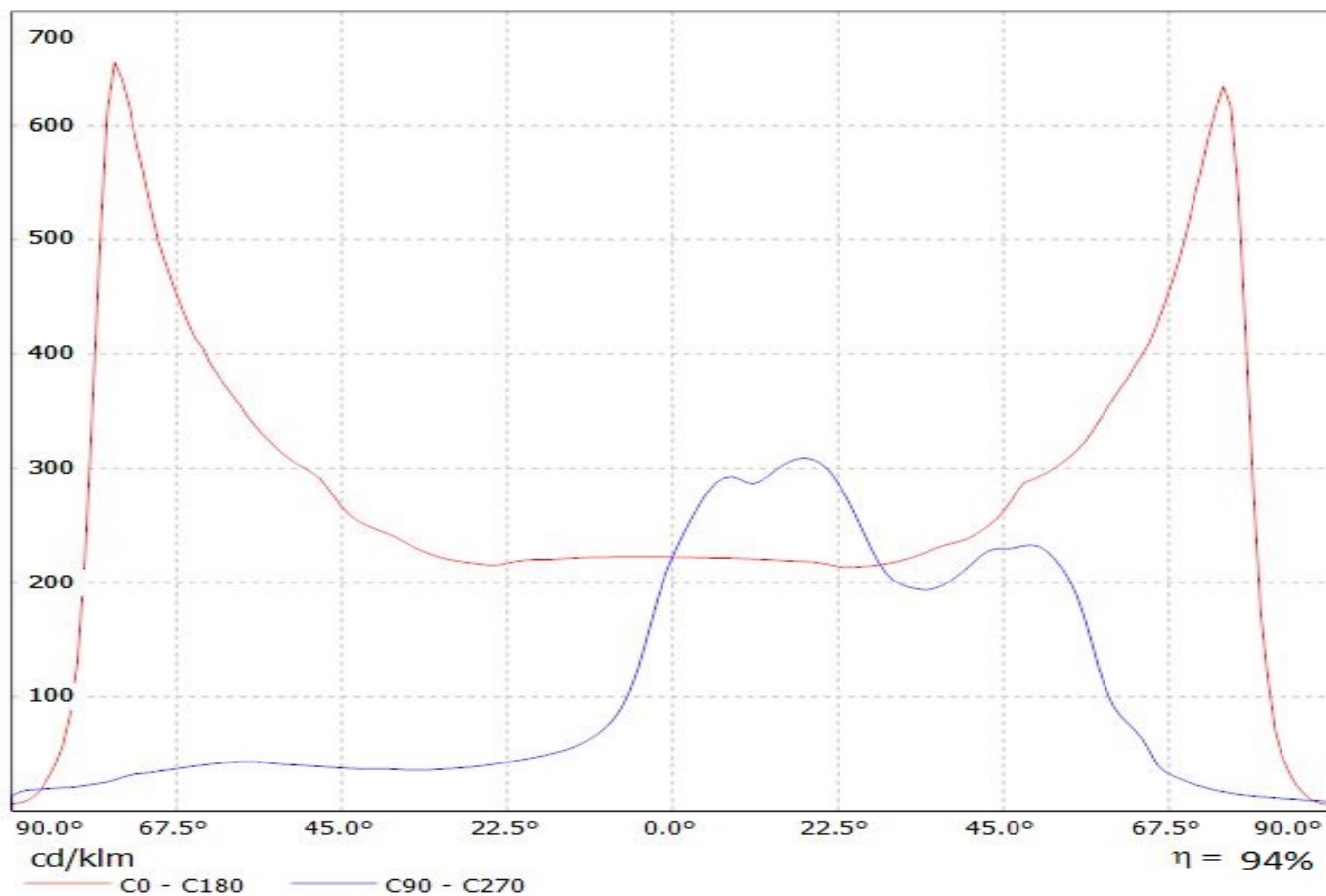
Lamps: 1 x Seoul_Z8Y22plus_(W6E2G)_513.996lm@250mA_P=2.754W_I=0.250A



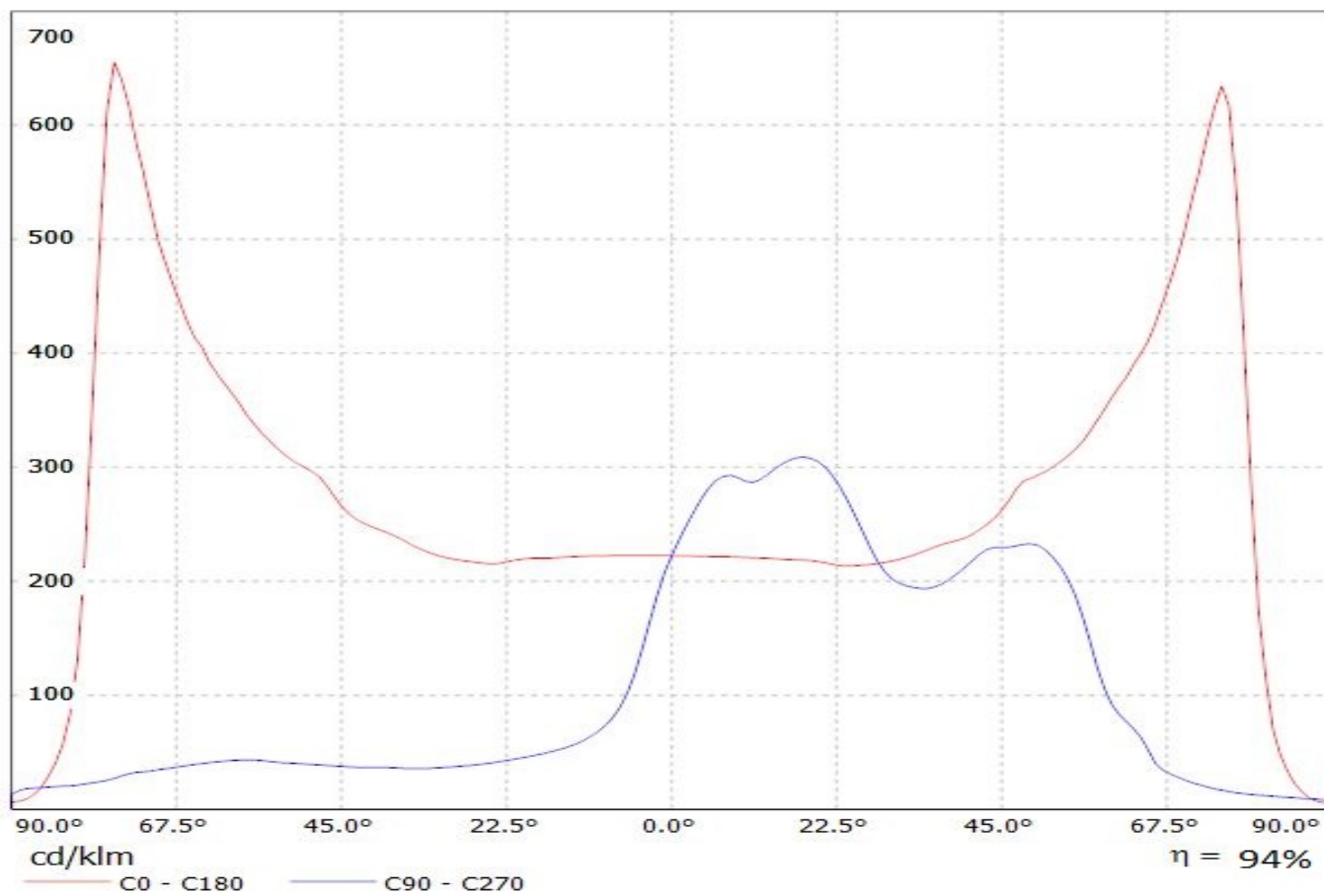
Luminaire: SIMULATED_C15021_STRADA-2X2-SCL_Toshiba_TL1L4
Lamps: 1 x



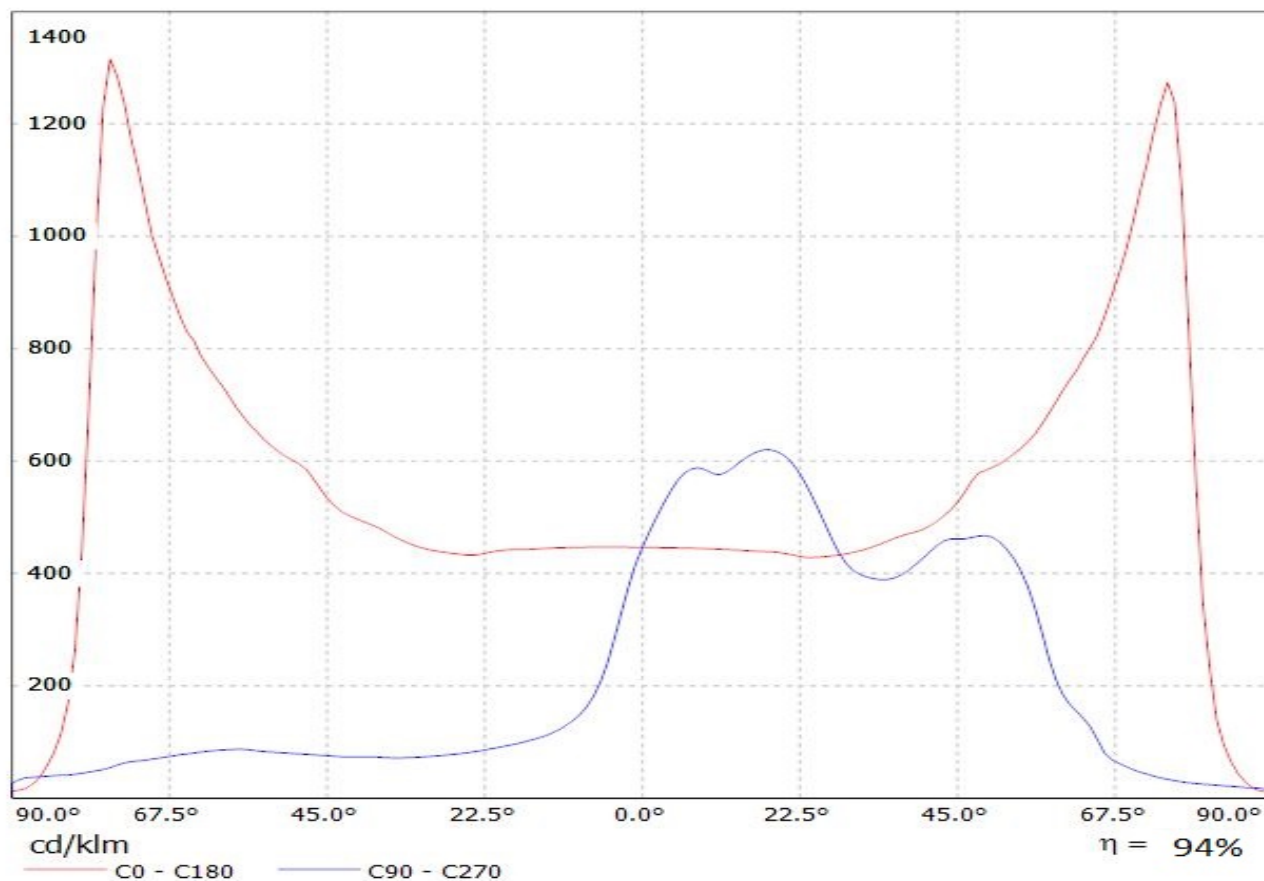
Luminaire: LEDiL Oy C15021_STRADA-2X2-SCL_(Tridonic_Module_RLE_G1)
Lamps: 1 x Tridonic_Module_RLE_G1_4594.42lm@700mA_P=32.1515W_I=0.700A



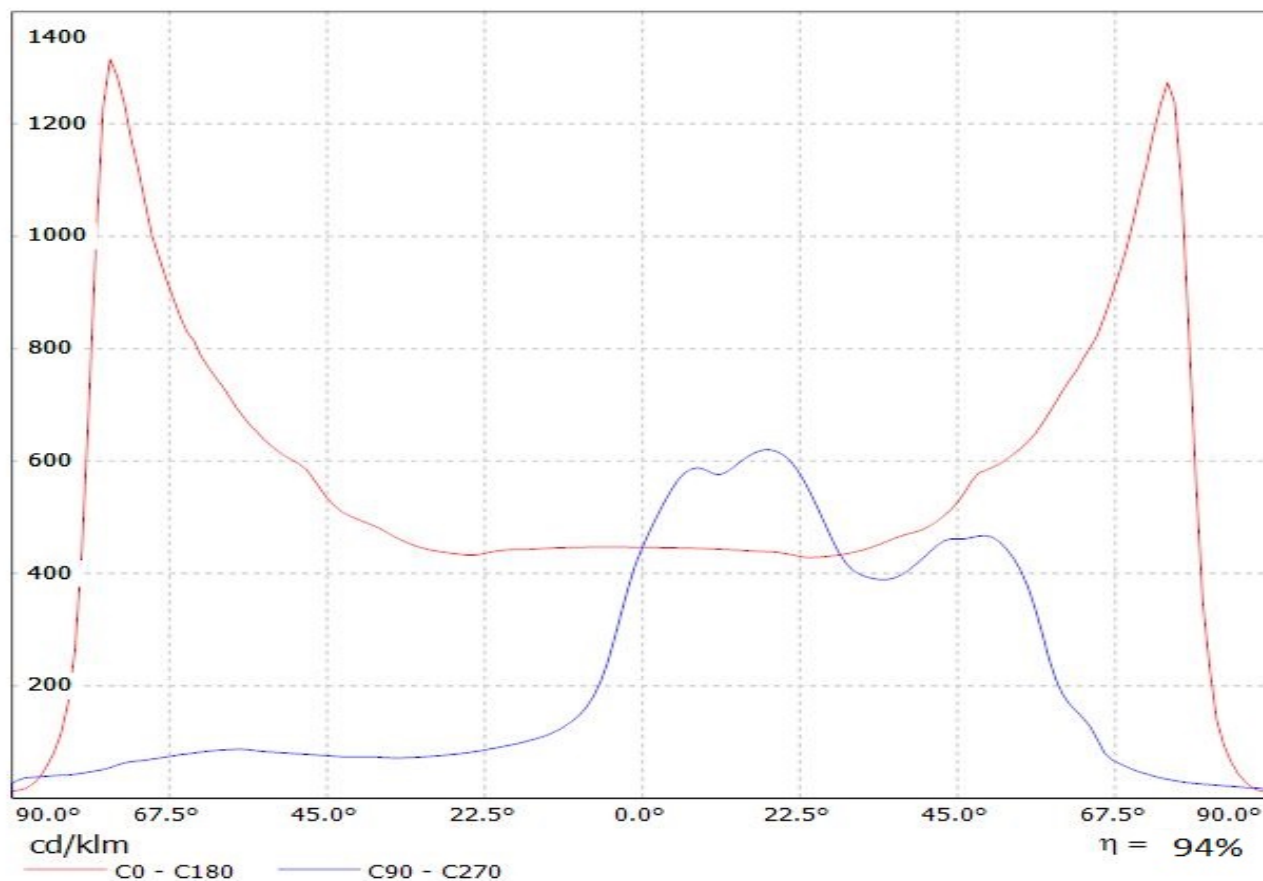
Luminaire: LEDiL Oy C15021_STRADA-2X2-SCL_(Tridonic_Module_RLE_G1)
Lamps: 1 x Tridonic_Module_RLE_G1_4594.42lm@700mA_P=32.1515W_I=0.700A



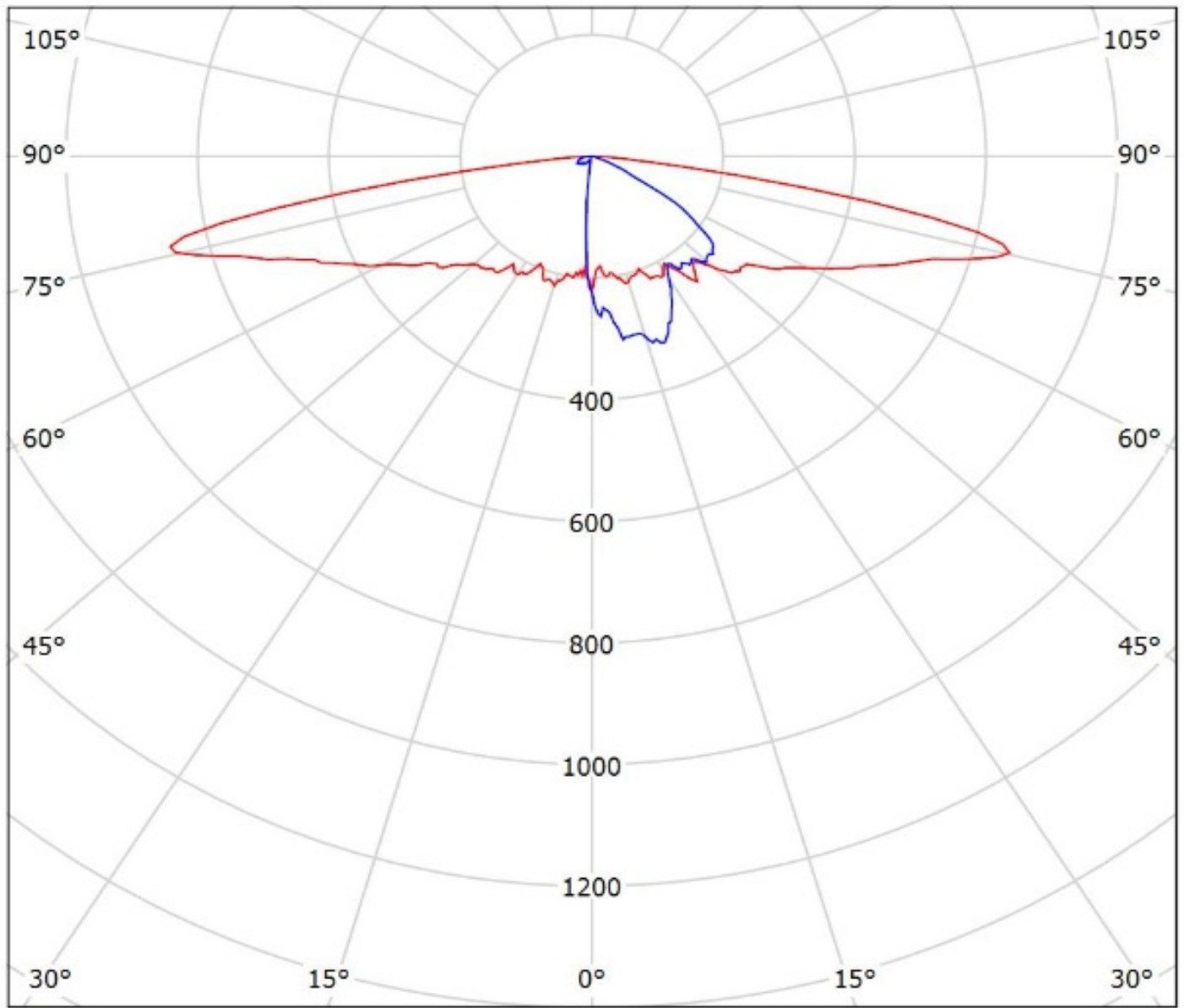
Luminaire: LEDiL Oy C15021_STRADA-2X2-SCL_(Tridonic_Module_RLE_G1)
Lamps: 1 x Tridonic_Module_RLE_G1_2288lm@700mA_P=16W_I=0.700A



Luminaire: LEDiL Oy C15021_STRADA-2X2-SCL_(Tridonic_Module_RLE_G1)
Lamps: 1 x Tridonic_Module_RLE_G1_2288lm@700mA_P=16W_I=0.700A



Luminaire: SIMULATED_C15021_STRADA-2X2-SCL_Cree_XB-H
Lamps: 1 x

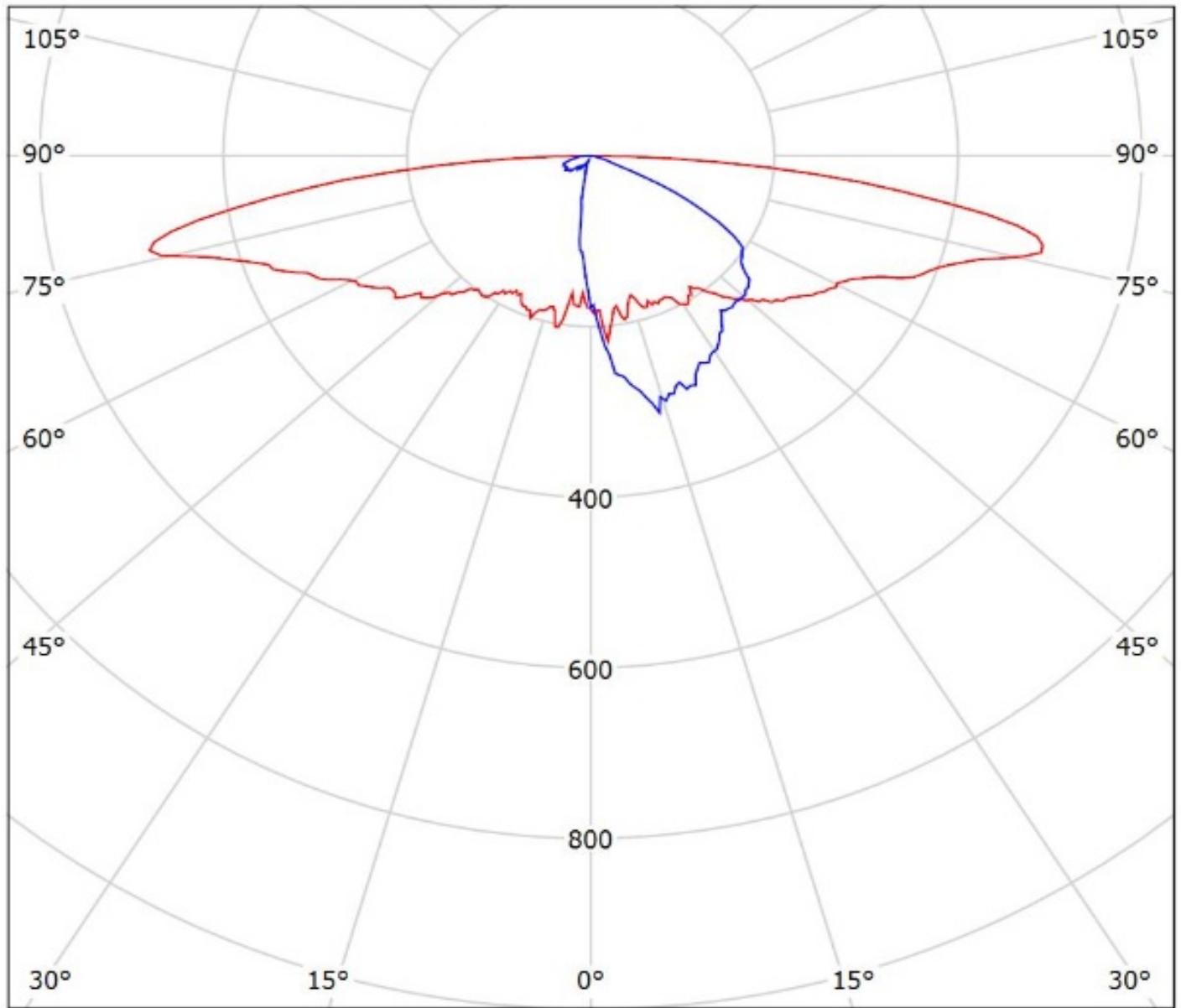


cd/klm
— C0 - C180 — C90 - C270

η = 100%

Luminaire: SIMULATED_C15021_STRADA-2X2-SCL_Cree_XHP35

Lamps: 1 x



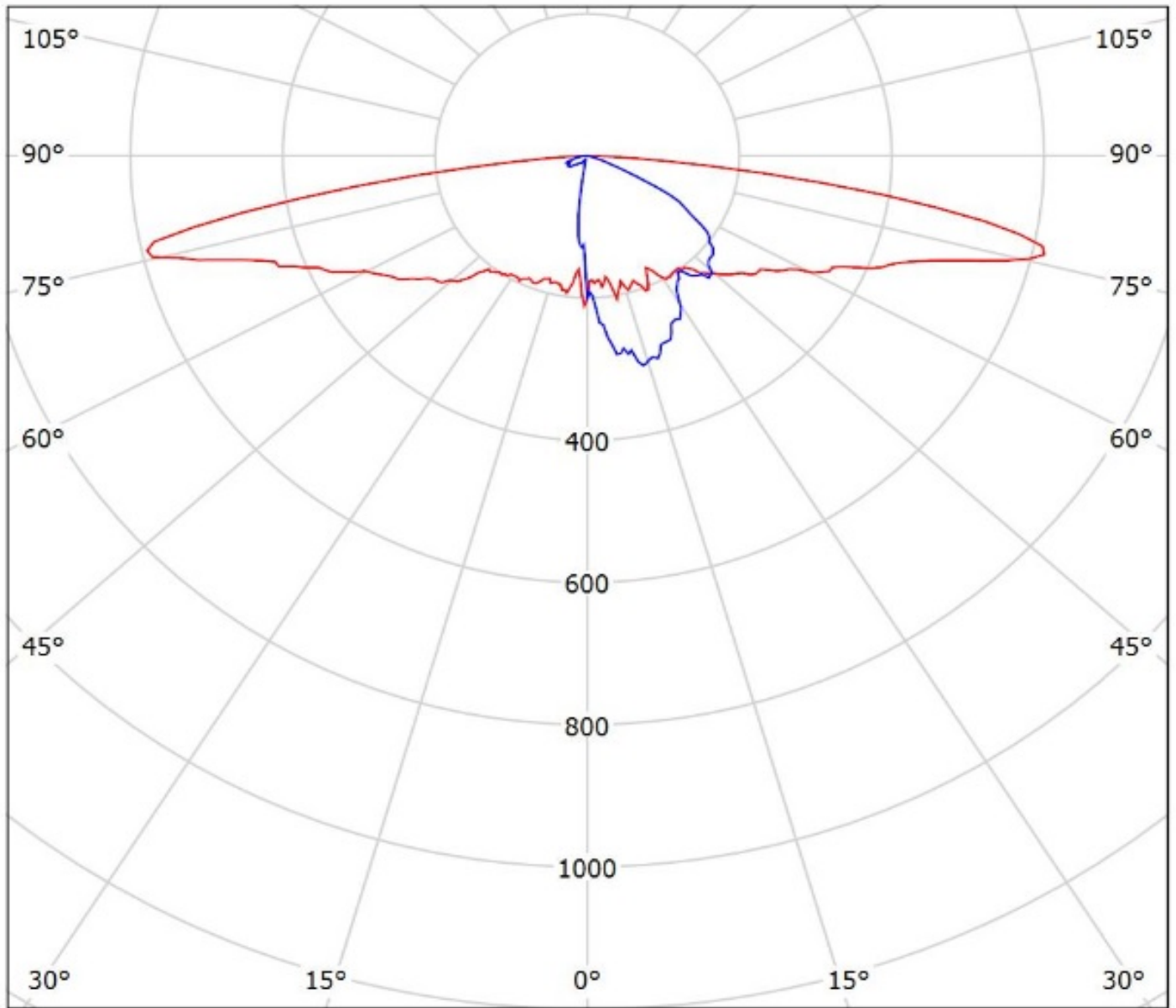
cd/klm

— C0 - C180 — C90 - C270

$\eta = 100\%$

Luminaire: SIMULATED_C15021_STRADA-2X2-SCL_Cree_XM-L2

Lamps: 1 x

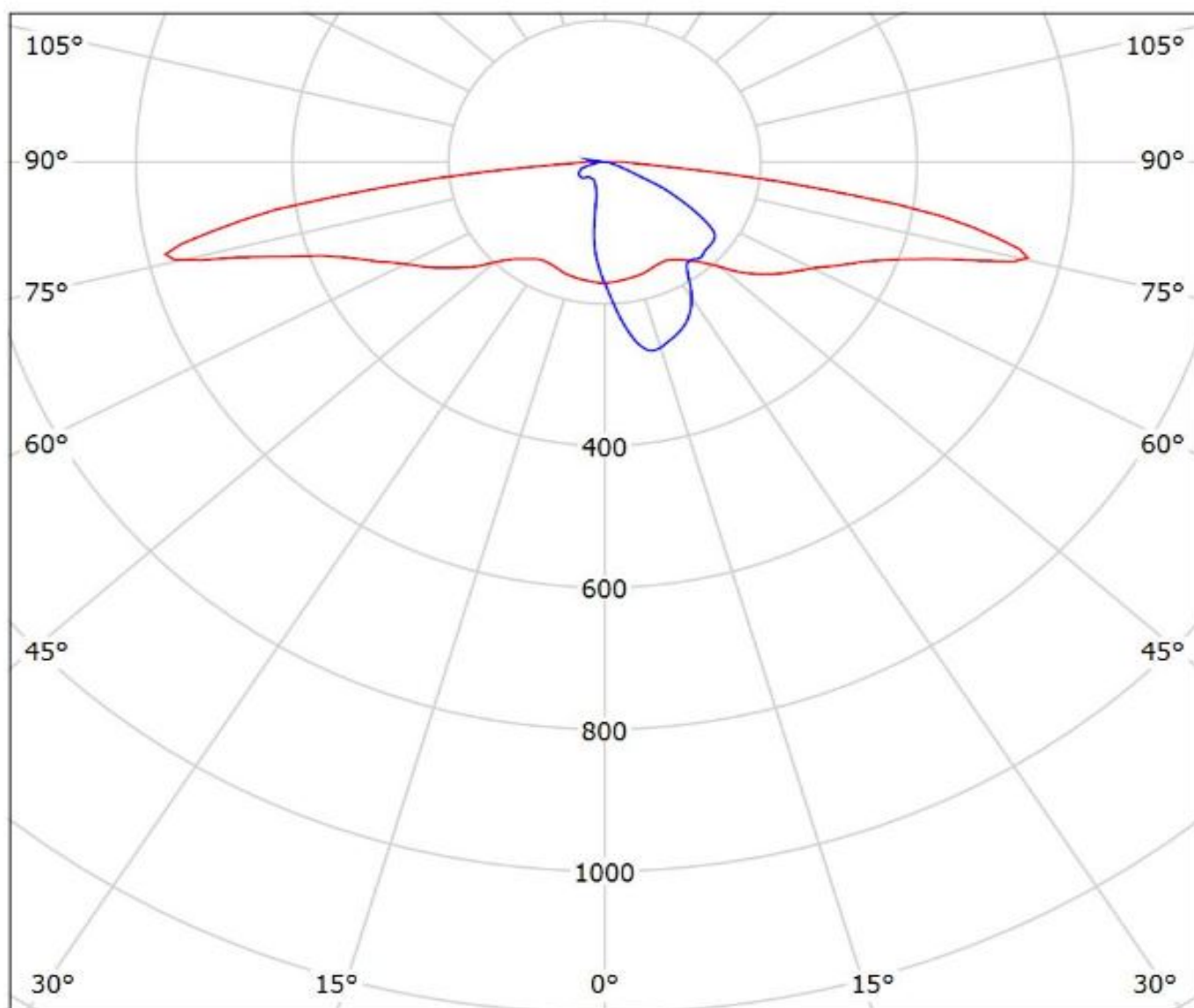


cd/klm

— C0 - C180 — C90 - C270

$\eta = 100\%$

Luminaire: Ledil C15021_STRADA-2X2-SCL (XP-L)
Lamps: 1 x CREE_XP-L_2x2 (XPLAWT-0-1B0-V40-00-0001)
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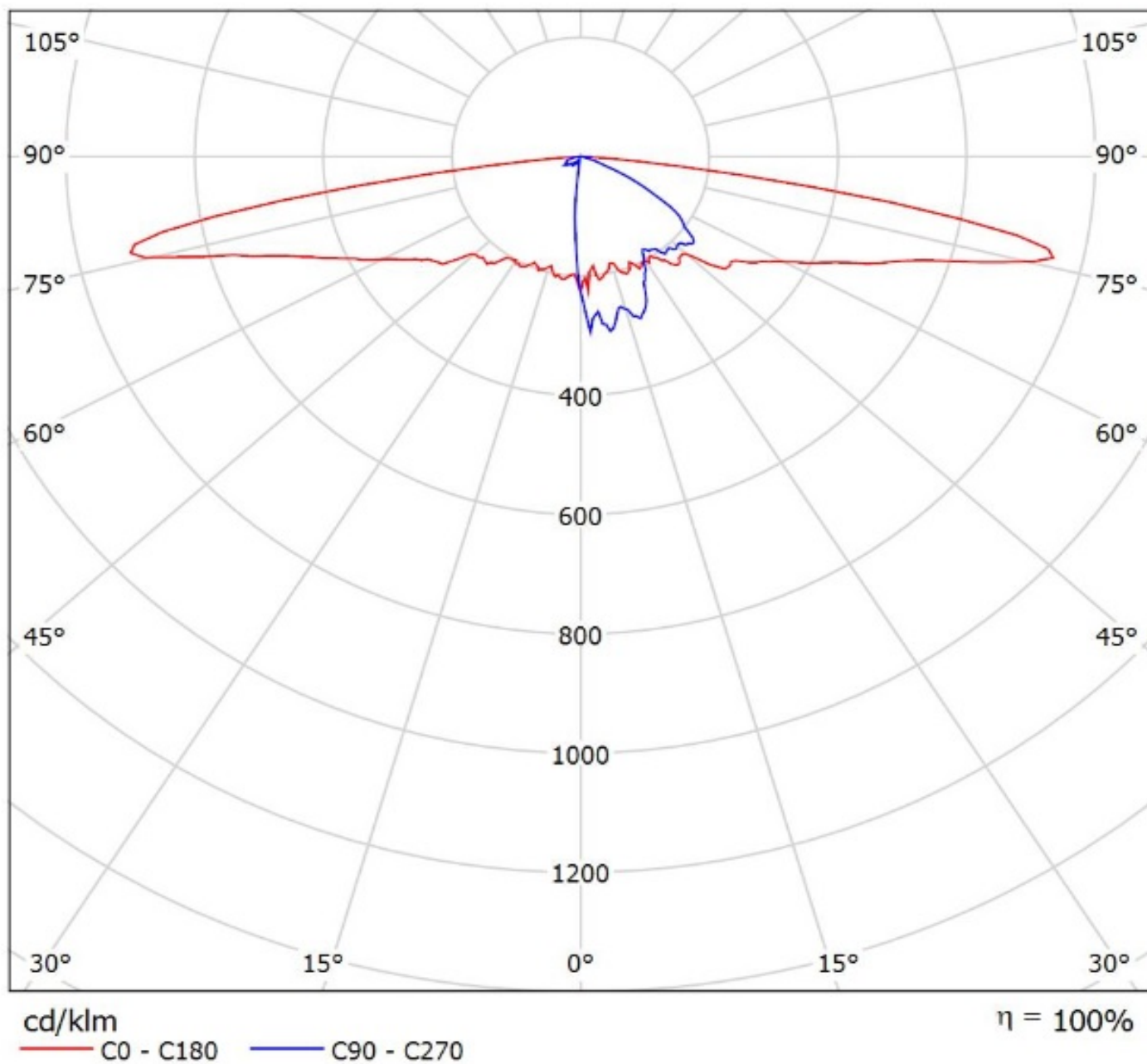


cd/klm

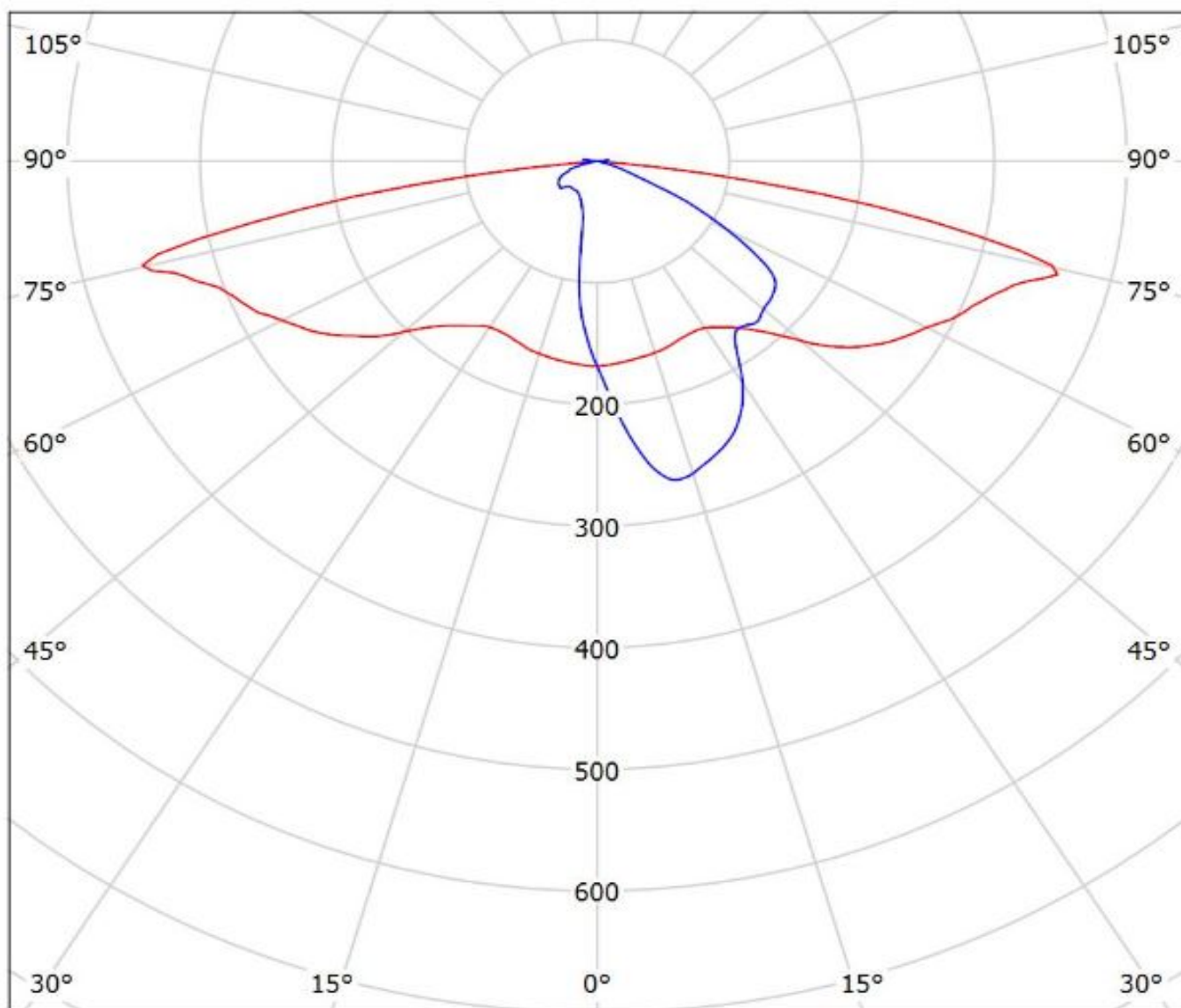
— C0 - C180 — C90 - C270

$\eta = 95\%$

Luminaire: SIMULATED_C15021_STRADA-2X2-SCL_Cree_XP-L-HI
Lamps: 1 x



Luminaire: Ledil C15021_STRADA-2X2-SCL_(XP-L)_glass
Lamps: 1 x CREE_XP-L_2x2_(XPLAWT-0-1B0-V40-00-0001)
_508.286lm@250mA_CCT=7600K_P=2.8173W_I=0.25A

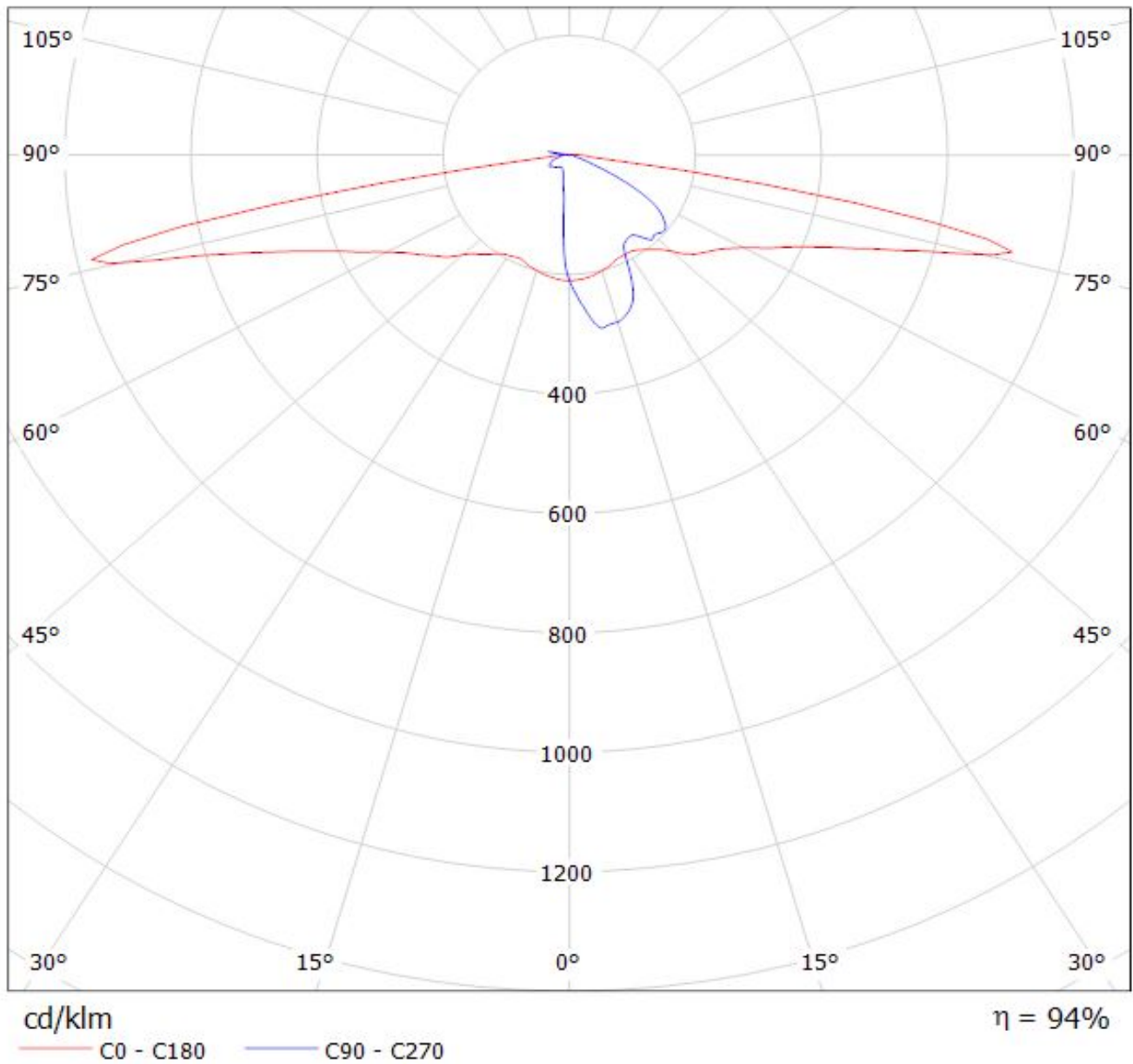


cd/klm
— C0 - C180 — C90 - C270

$\eta = 78\%$

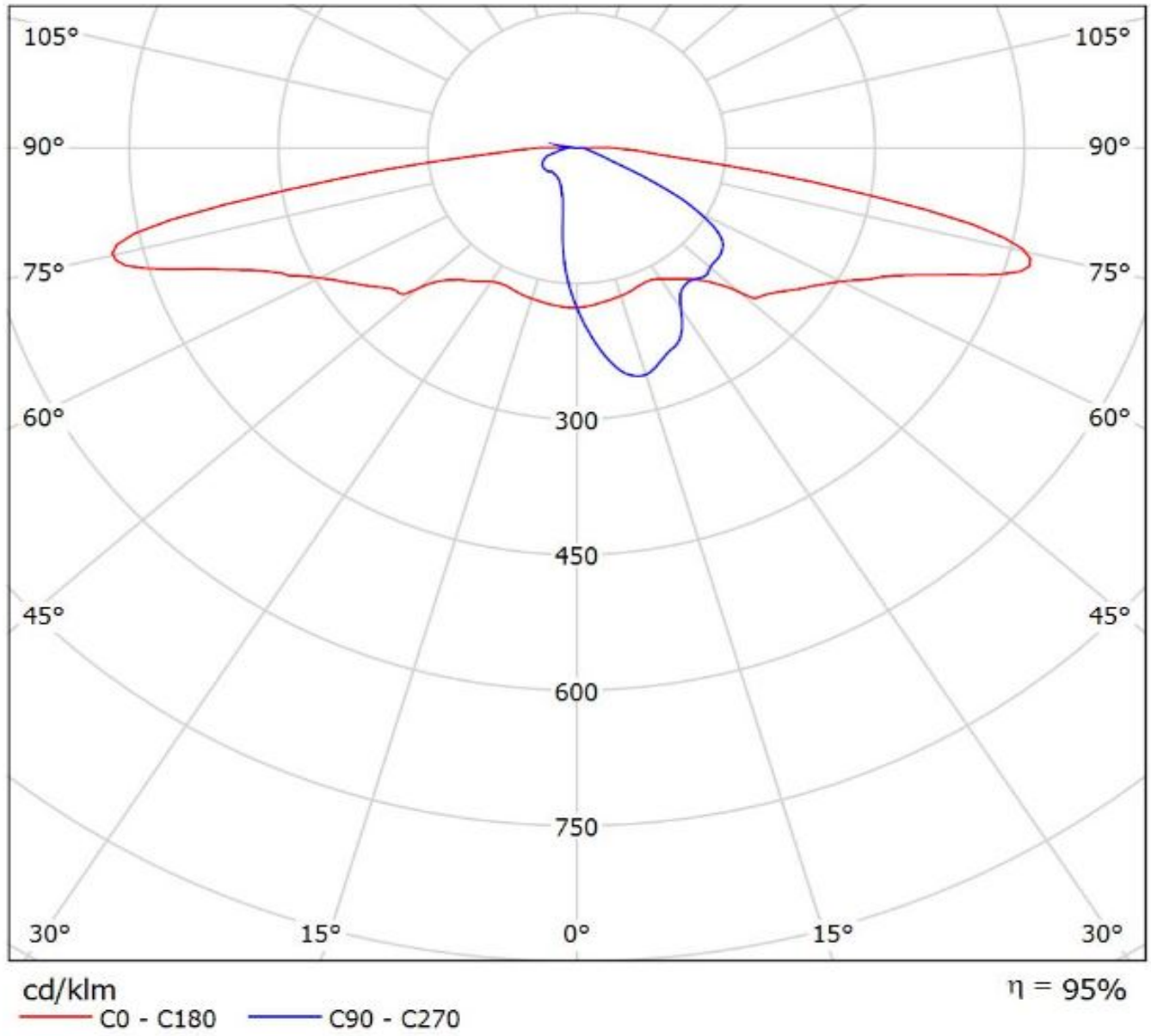
Luminaire: LEDiL Oy C15021_STRADA-2X2-SCL_(XP-G2)

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

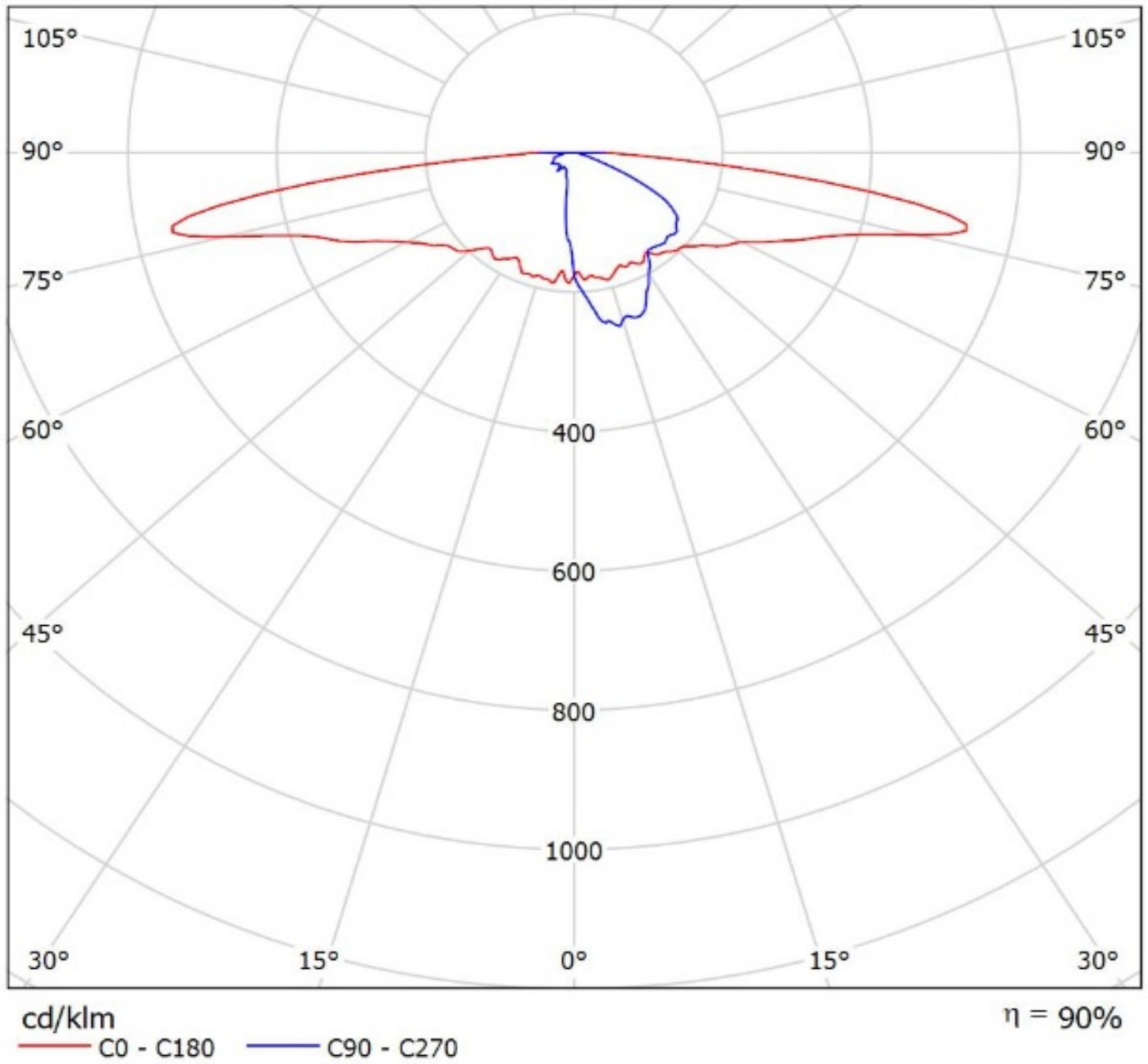


Luminaire: Ledil C15021_STRADA-2X2-SCL_(XP-L2)

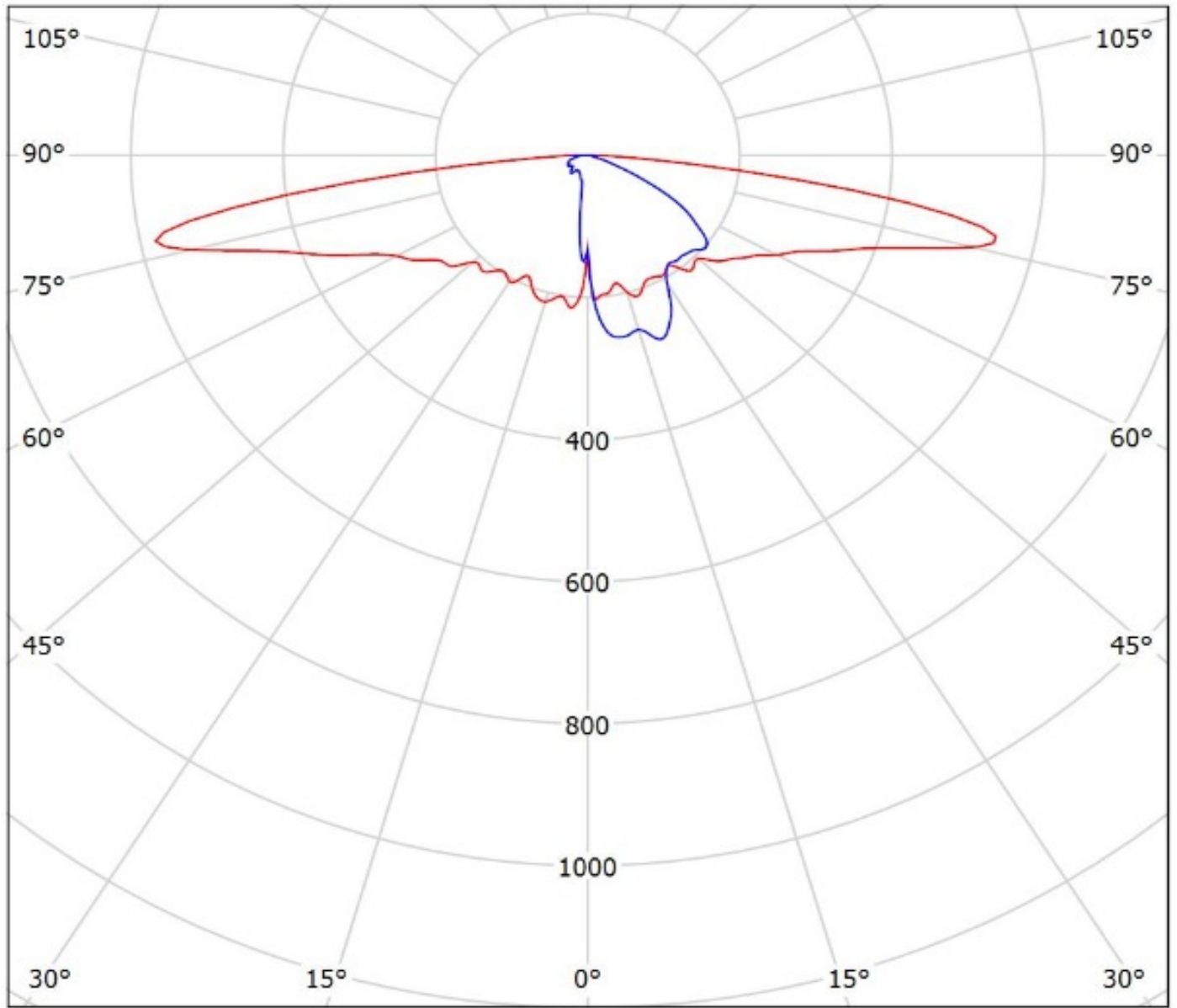
Lamps: 1 x Cree_XP-L2_2x2_(XPLBWT-00-0000-000BV50E3)550.93lm@250mA_P=2.7815W_I=0.25A



Luminaire: Ledil Oy C15021_STRADA-2X2-SCL_(XP-G3)_SIMULATED
Lamps: 1 x Cree XP-G3



Luminaire: Ledil Oy C15021_STRADA-2X2-SCL_(H35C1)_SIMULATED
Lamps: 1 x LG H35C1 (CCT=5700K)

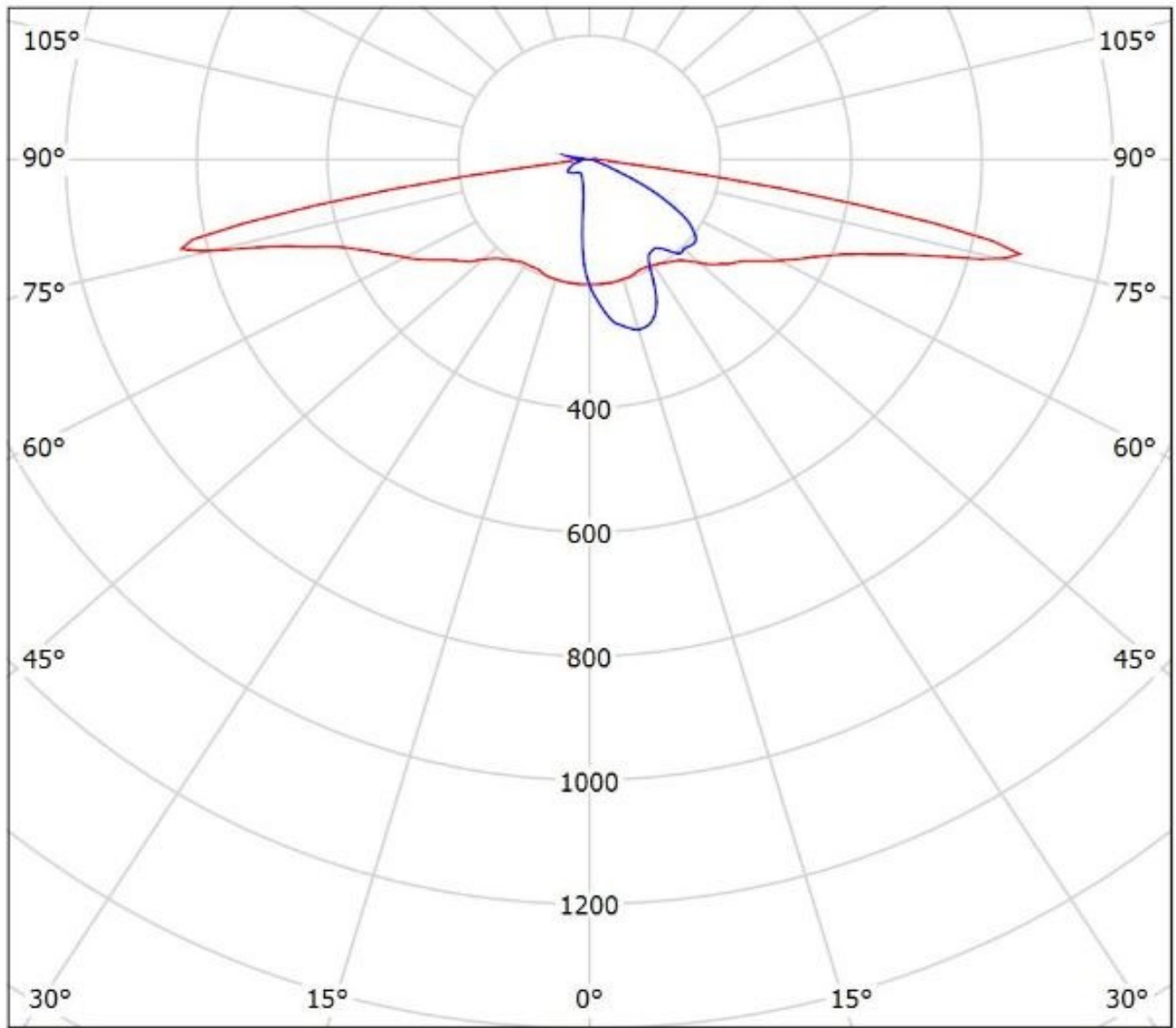


$\eta = 91\%$

cd/klm
— C0 - C180 — C90 - C270

Luminaire: Ledil C15021_STRADA-2X2-SCL_(H35C1)

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



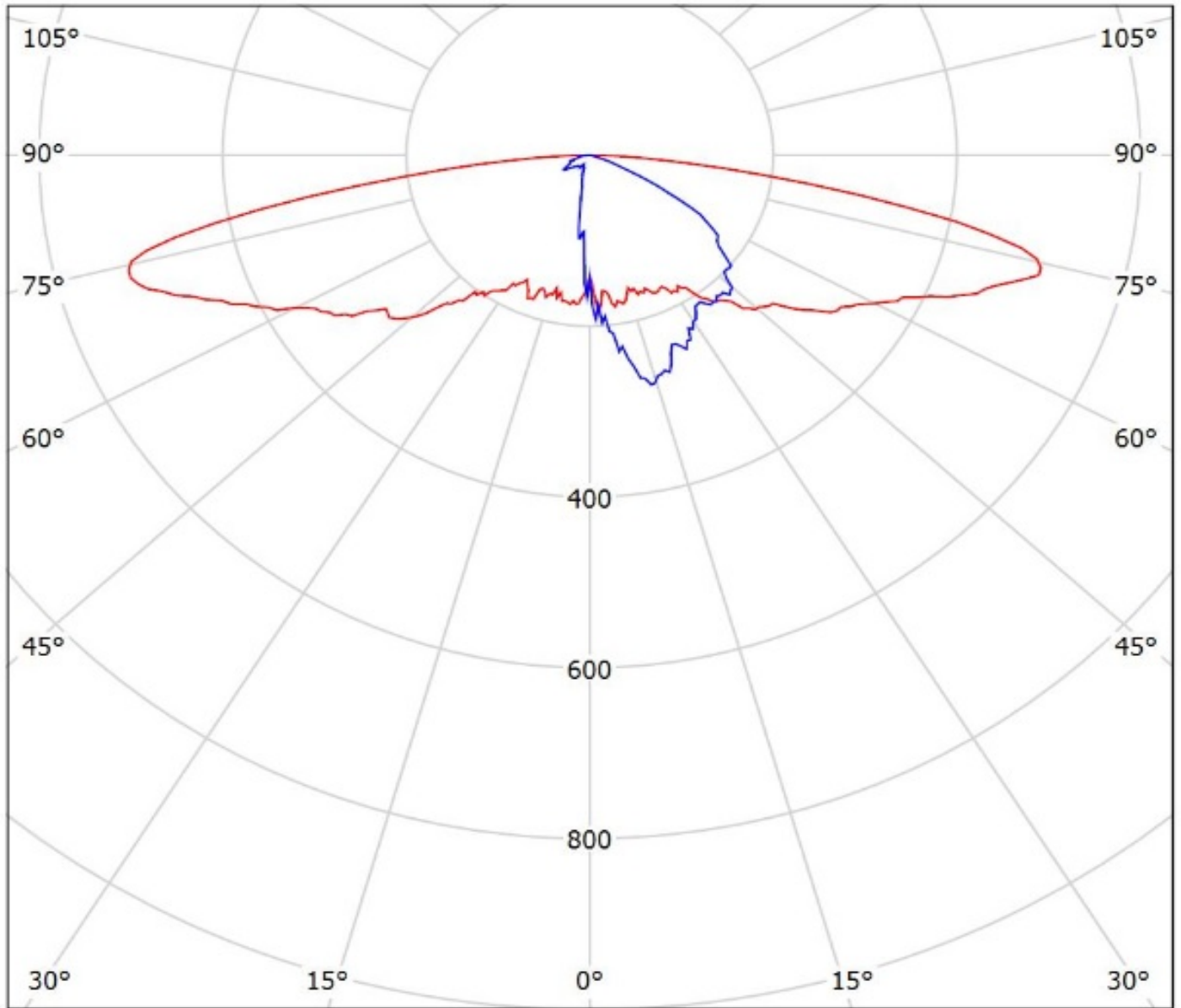
cd/klm

— C0 - C180 — C90 - C270

$\eta = 94\%$

Luminaire: SIMULATED_C15021_STRADA-2X2-SCL_Luxeon-5258

Lamps: 1 x

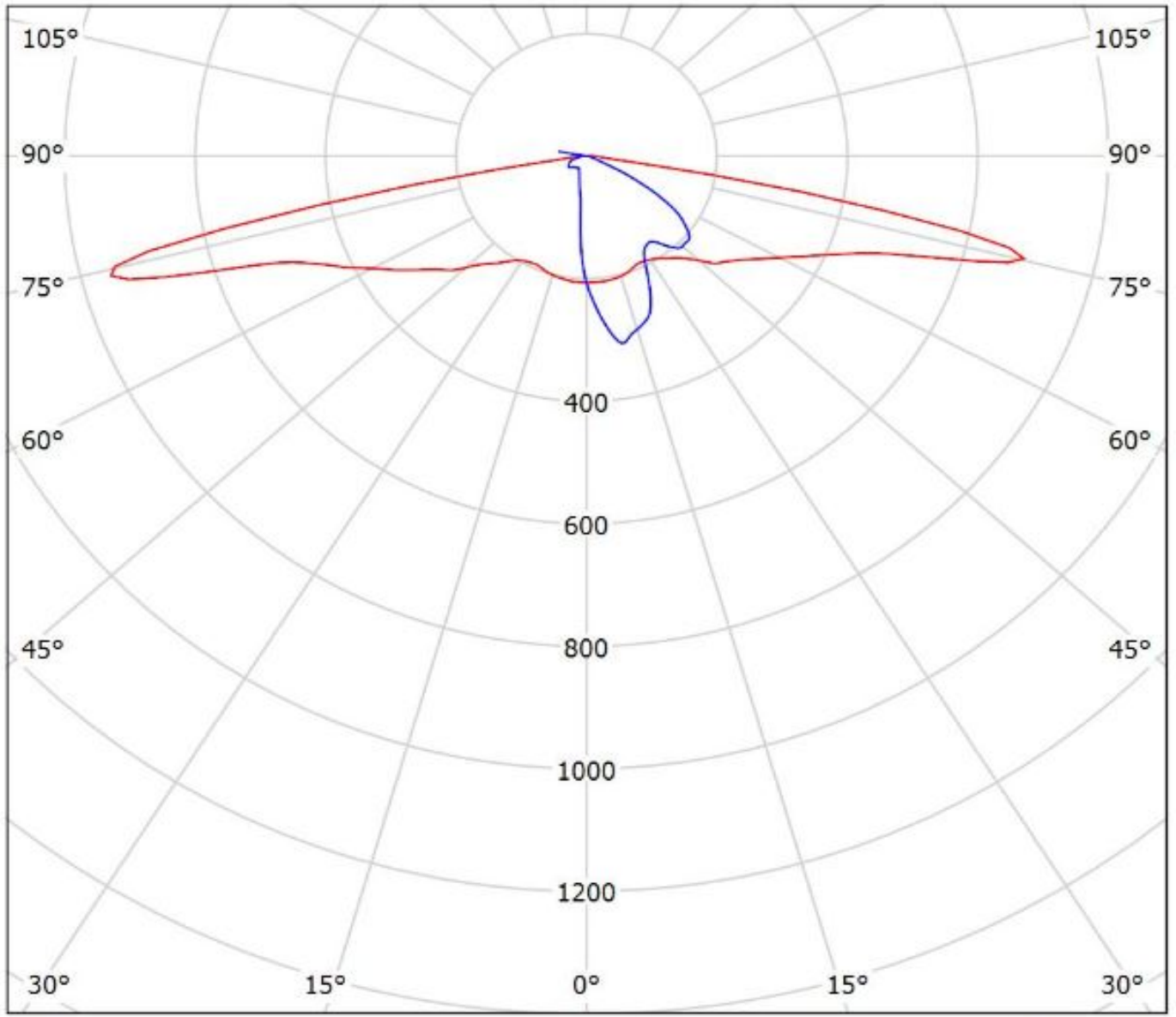


cd/klm

— C0 - C180 — C90 - C270

$\eta = 100\%$

Luminaire: Ledil C15021_STRADA-2X2-SCL_(Luxeon_TX)
Lamps: 1 x Luxeon_TX_(L1T2-3585)_lm@250mA_P=W_l=0.250A



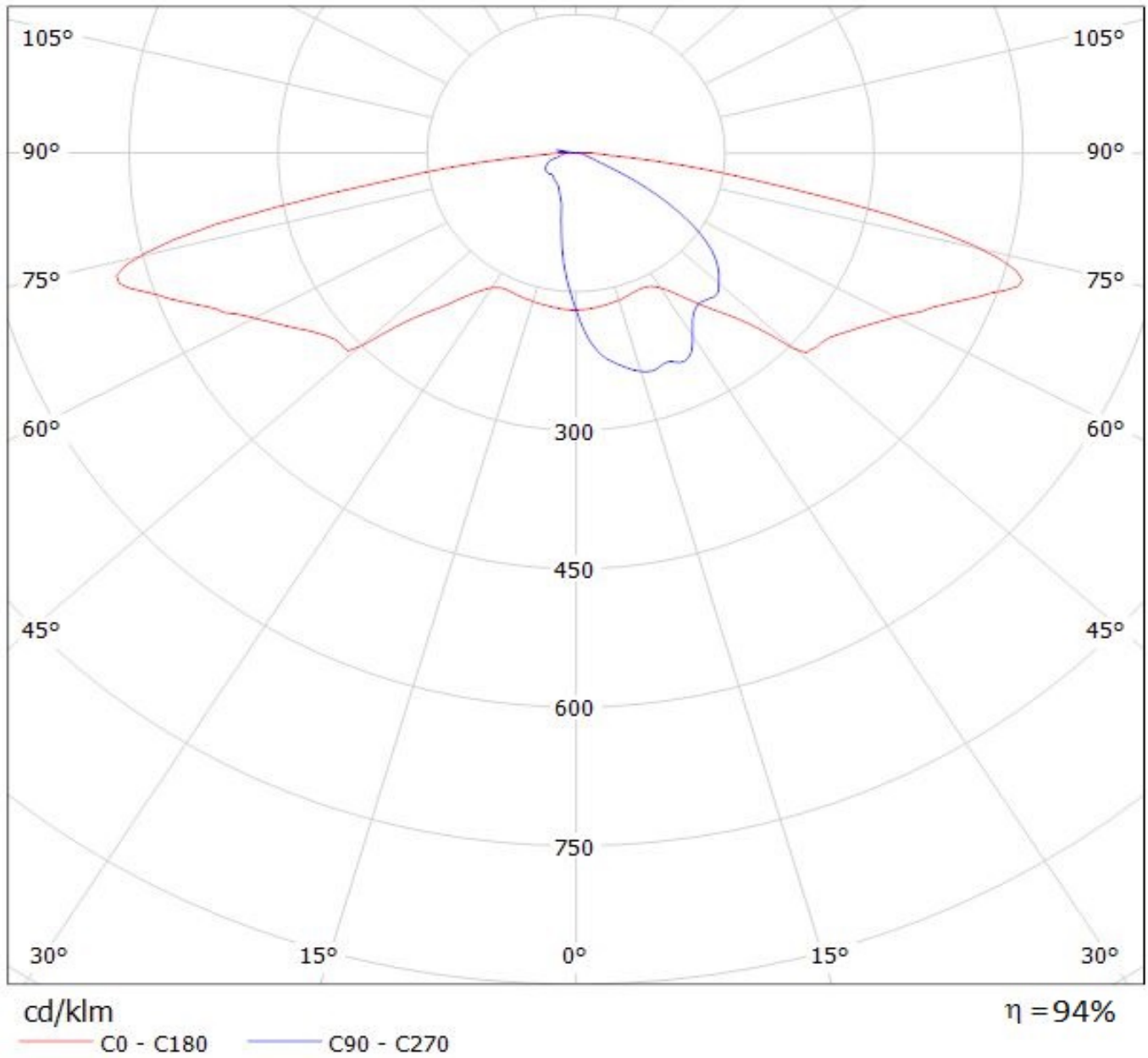
cd/klm

— C0 - C180 — C90 - C270

$\eta = 95\%$

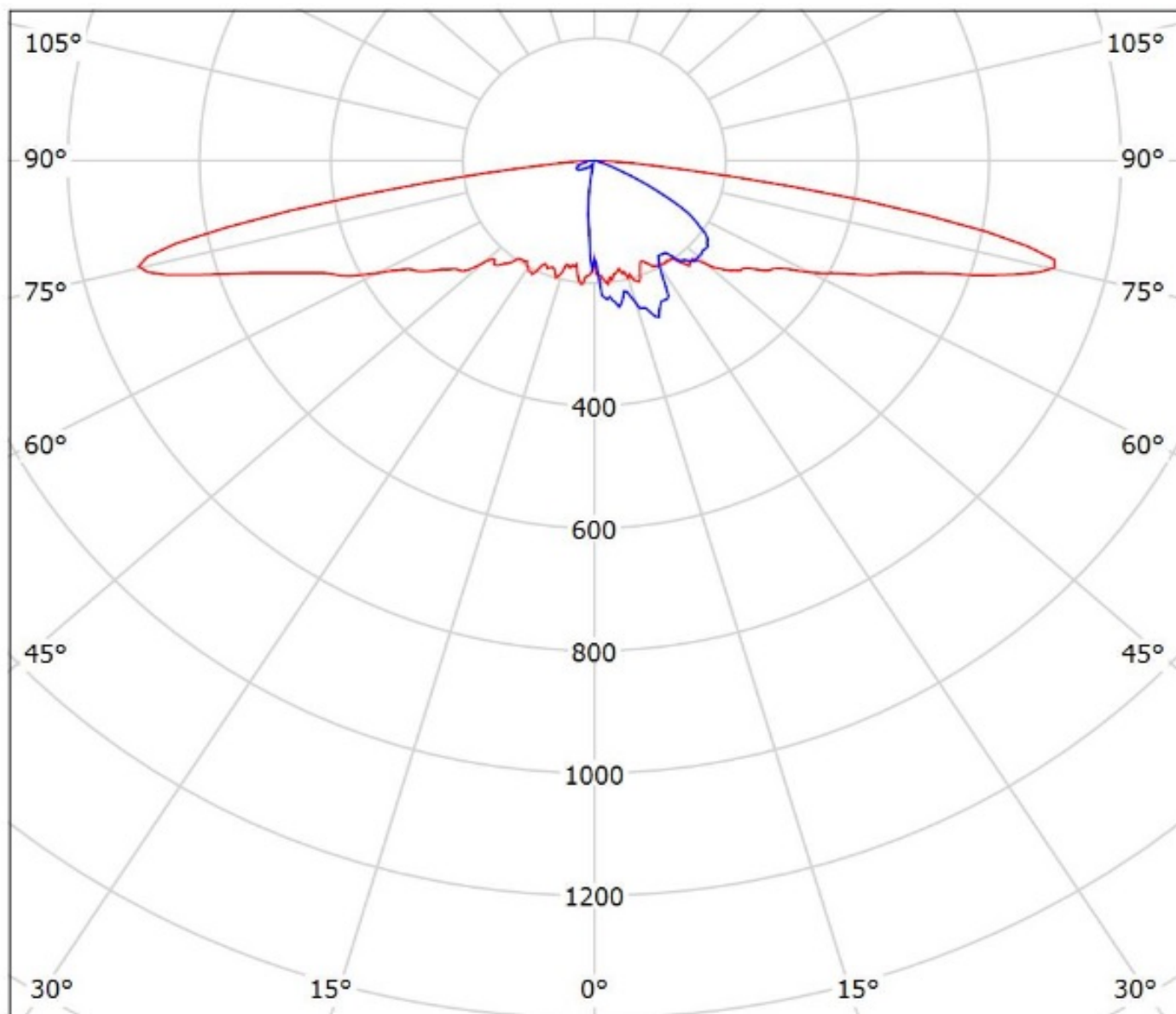
Luminaire: LEDiL Oy C15021_STRADA-2X2-SCL_(Luxeon_5050)

Lamps: 1 x Luxeon_5050_2x2_1270.76lm@80mA_CCT=5700K_P=7.35815W_I=0.080A_70CRI



Luminaire: SIMULATED_C15021_STRADA-2X2-SCL_Nichia_NVsxx19C

Lamps: 1 x



cd/klm

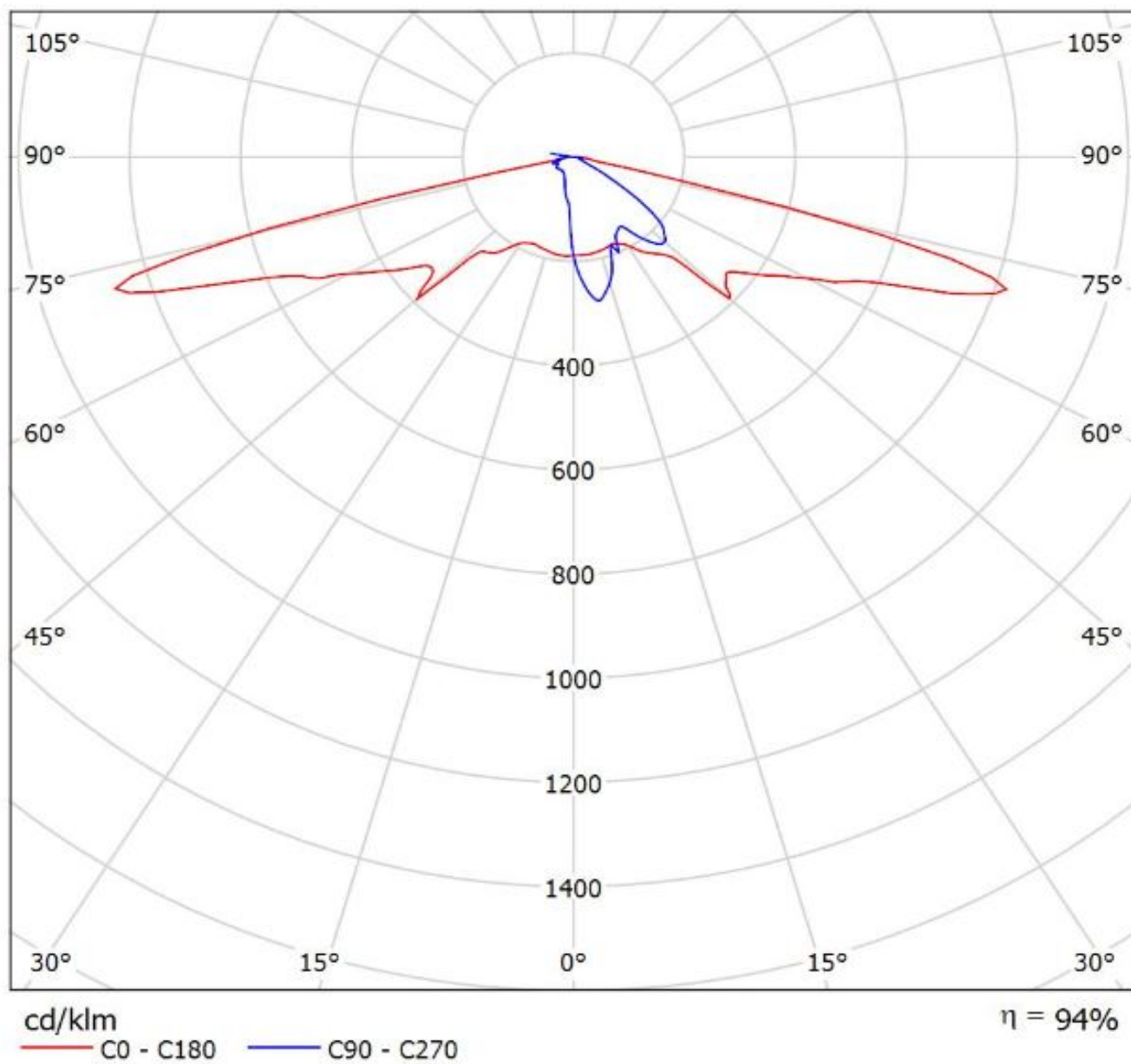
— C0 - C180

— C90 - C270

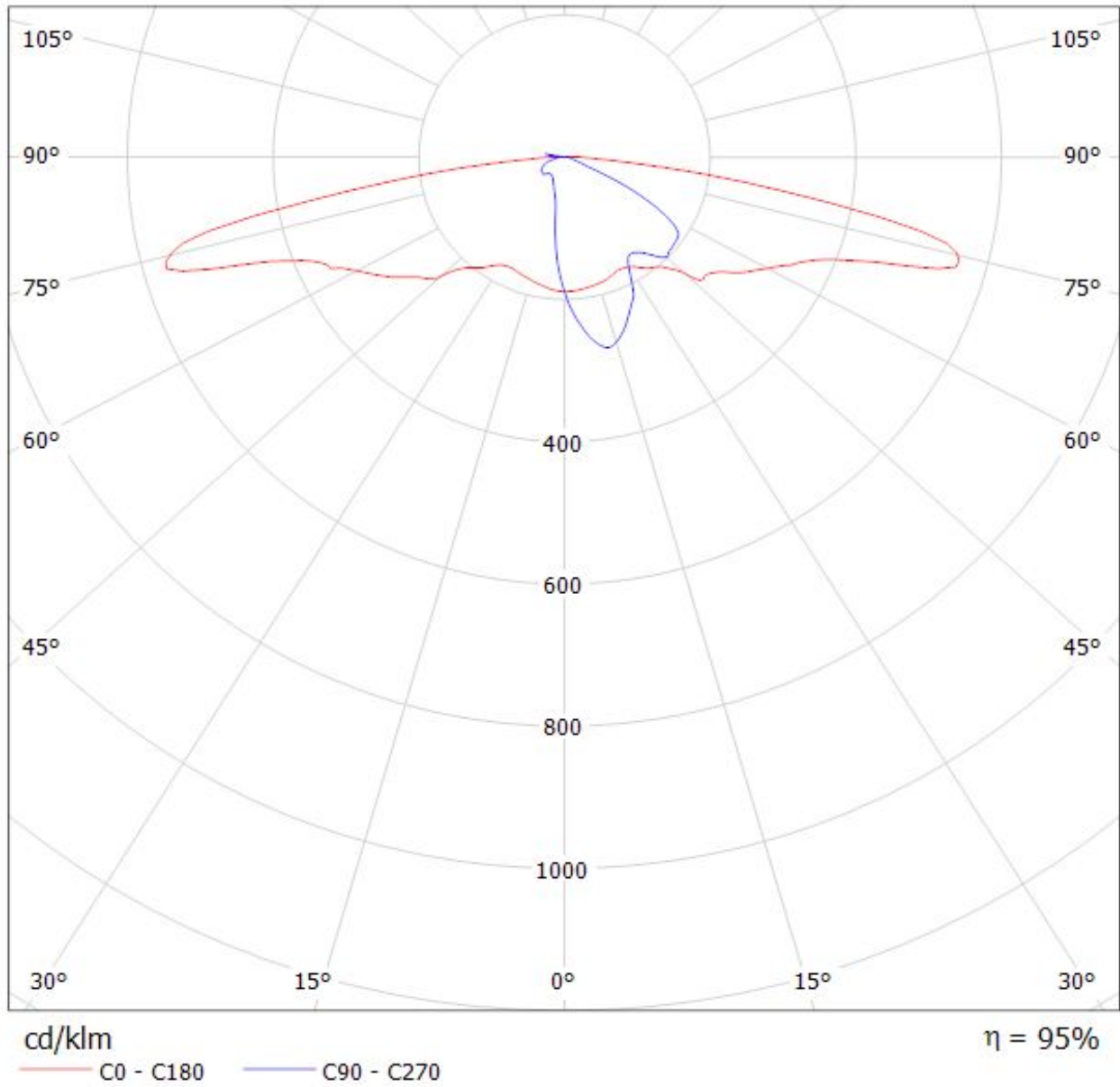
η = 100%

Luminaire: LEDiL Oy C15021_STRADA-2X2-SCL_(E21A)

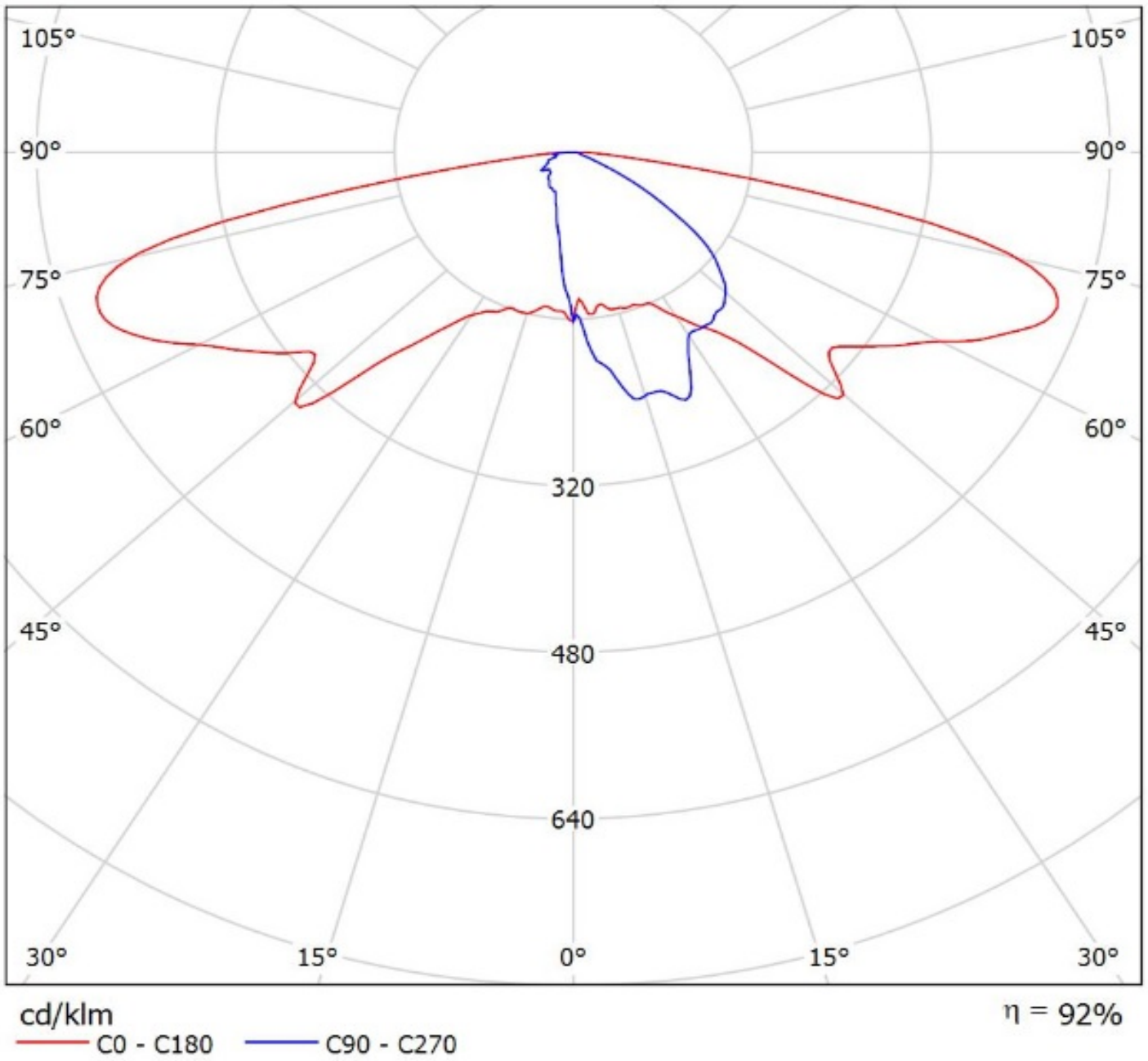
Lamps: 1 x Nichia_E21A_452.248lm@250mA_2.805W_I=0.250A



Luminaire: LEDiL Oy C15021_STRADA-2X2-SCL_(NVSW319AE)
Lamps: 1 x Nichia_NVSW319AE_499.093lm@250mA_P=2.79052W_I=0.25A

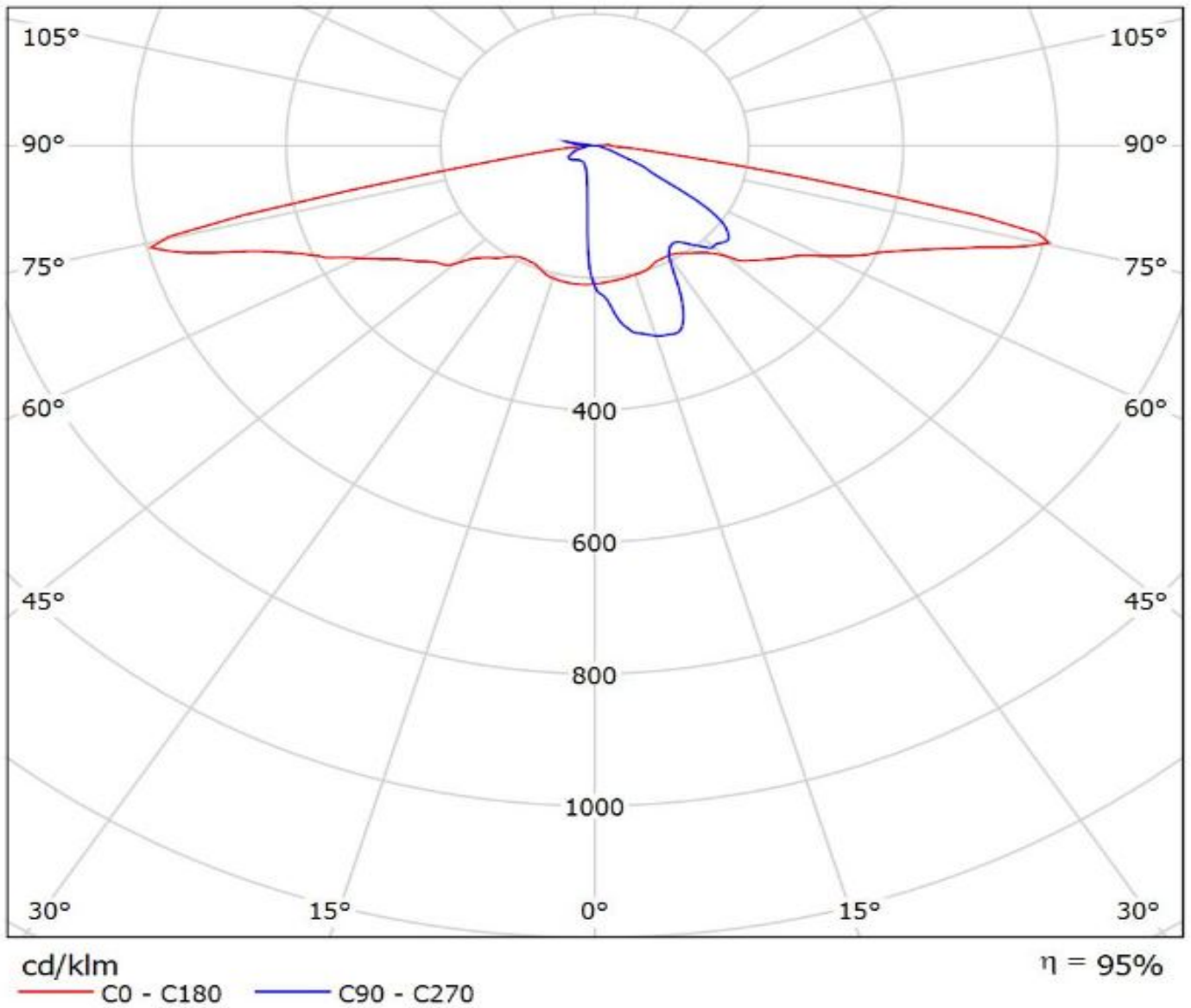


Luminaire: Ledil Oy C15021_STRADA-2X2-SCL_(Duris_S8)_SIMULATED
Lamps: 1 x Osram Duris S8 (GW P9LM21.EM)



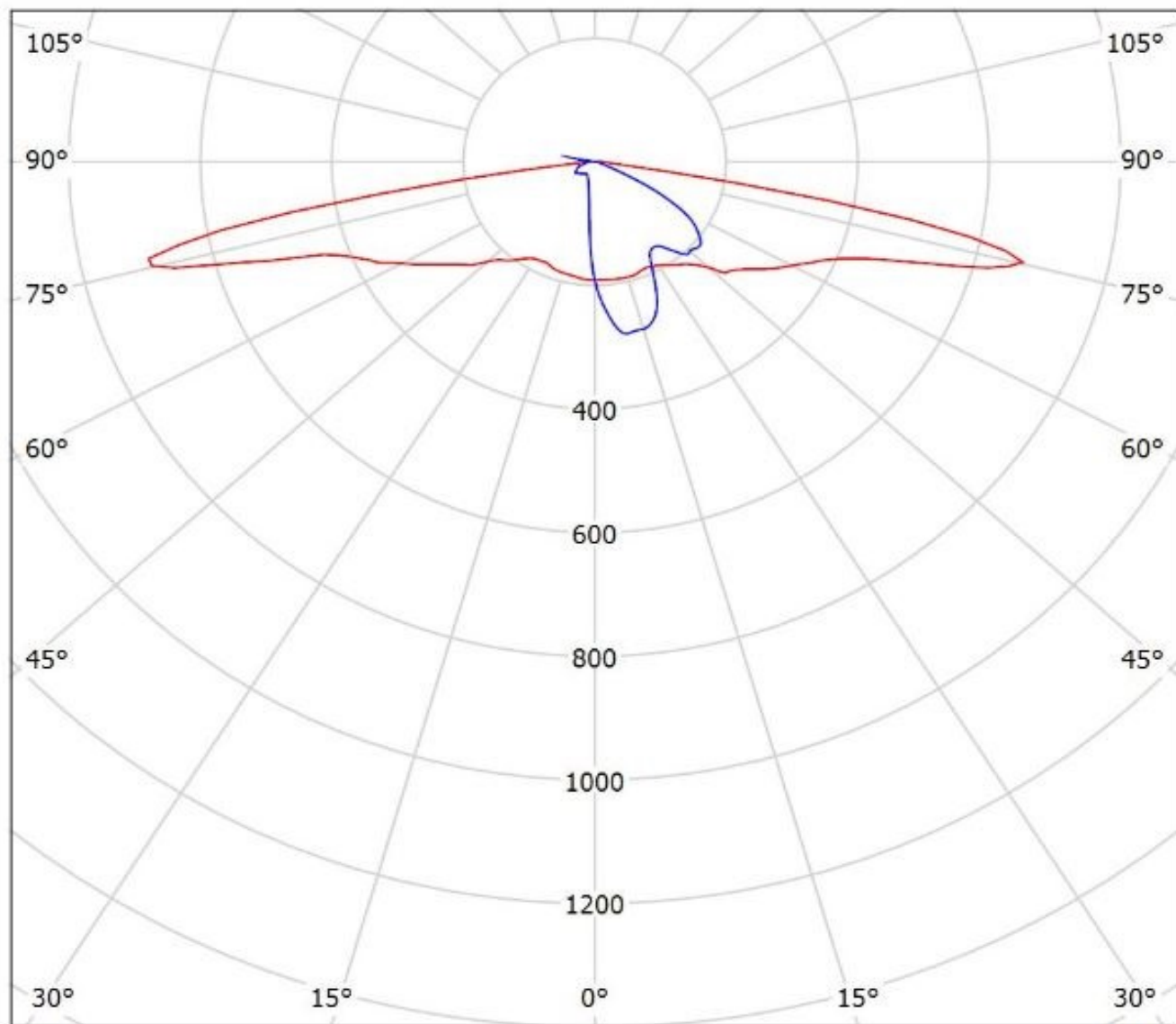
Ledil C15021_STRADA-2X2-SCL_(SQ-PC) / LDC (Polar)

Luminaire: Ledil C15021_STRADA-2X2-SCL_(SQ-PC)
Lamps: 1 x Osram_Oslon_Square-PC_2x2_(GW_CSSRM1.PC)
_421.516lm@250mA_CCT=5201K_P=2.8653W_I=0.25A



Luminaire: Ledil C15021_STRADA-2X2-SCL_(Square_Gen3)

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



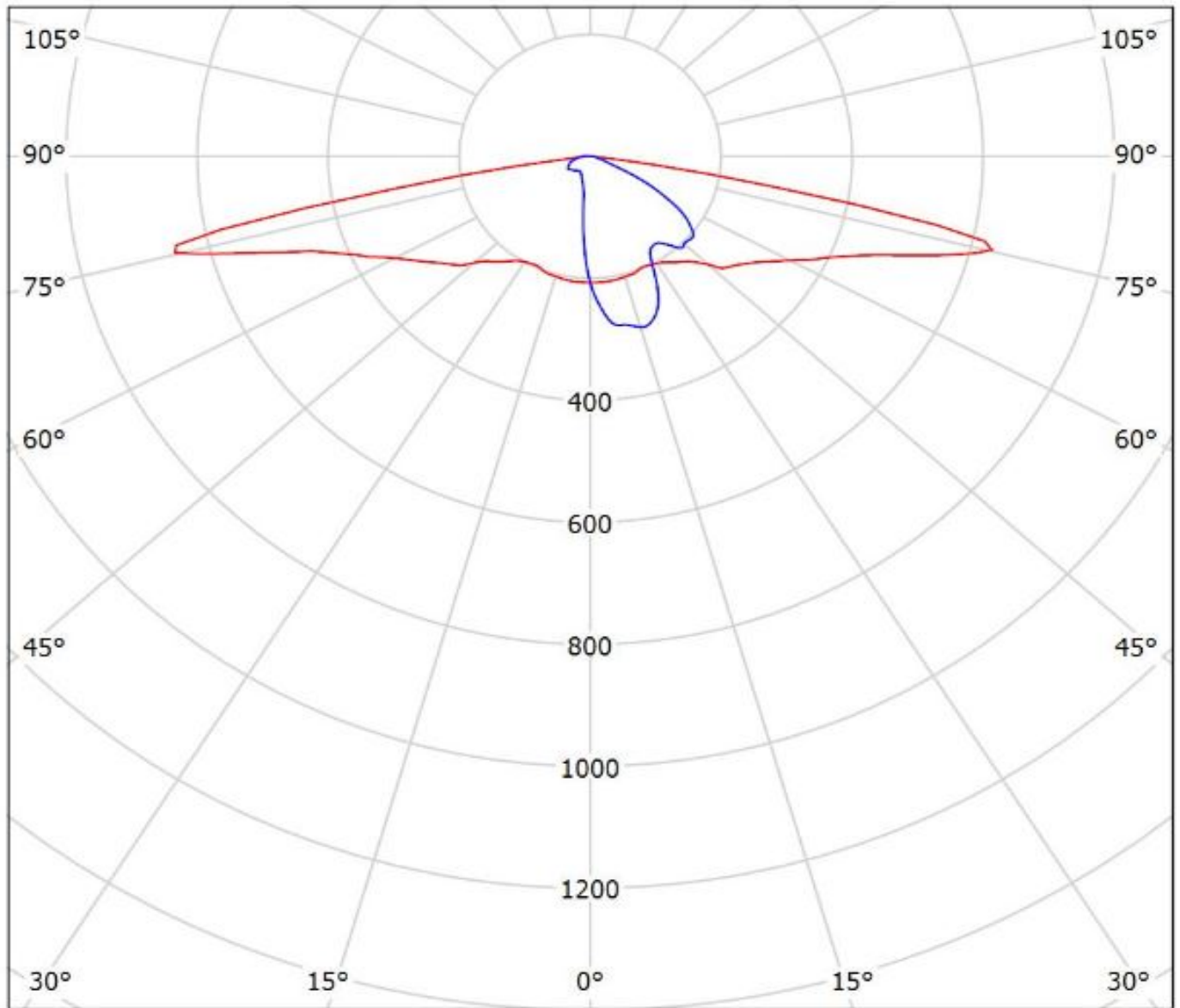
cd/klm

$\eta = 94\%$

— C0 - C180

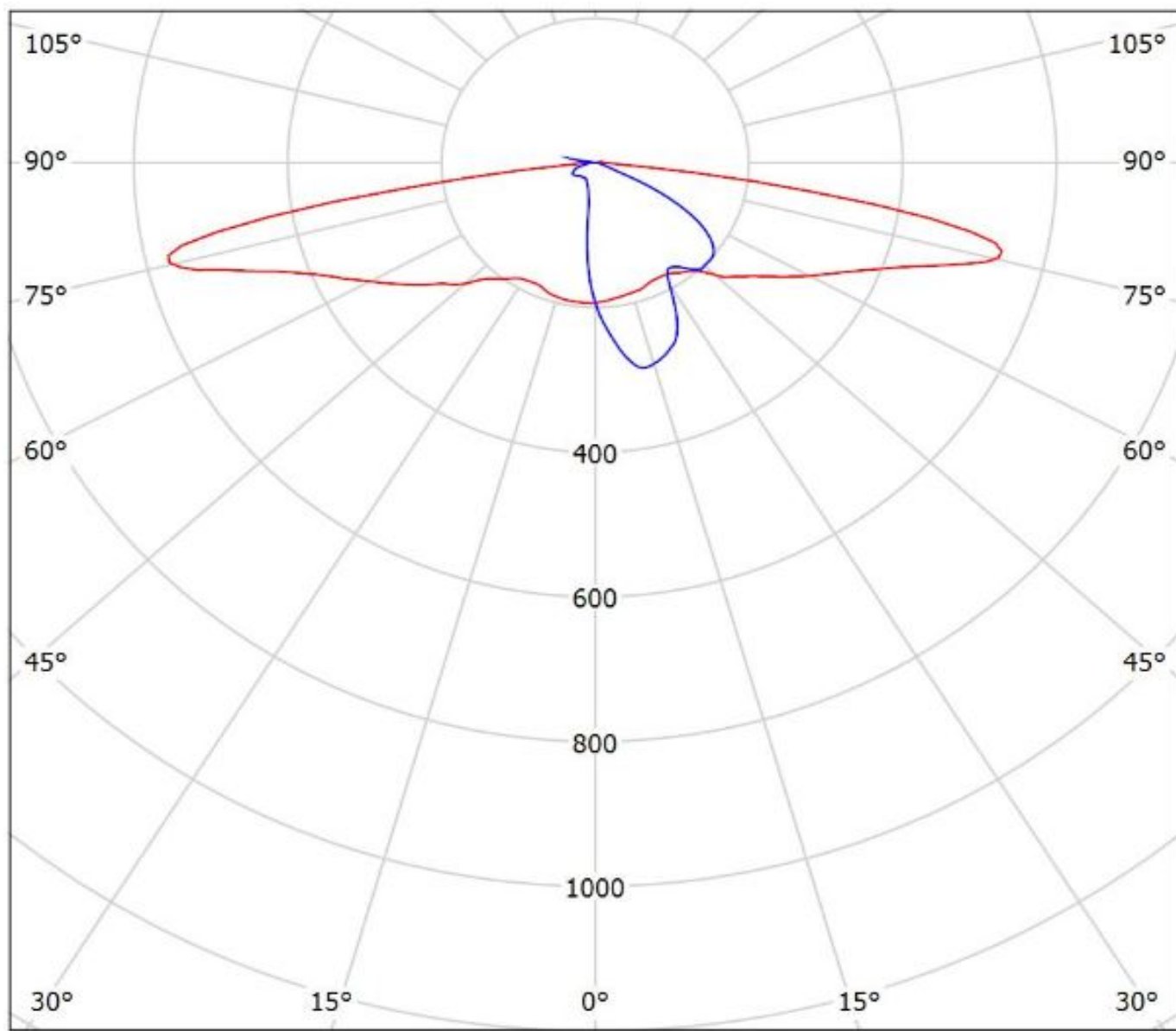
— C90 - C270

Luminaire: Ledil C15021_STRADA-2X2-SCL_(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 C15021_STRADA-2X2-SCL_(LH351B)

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

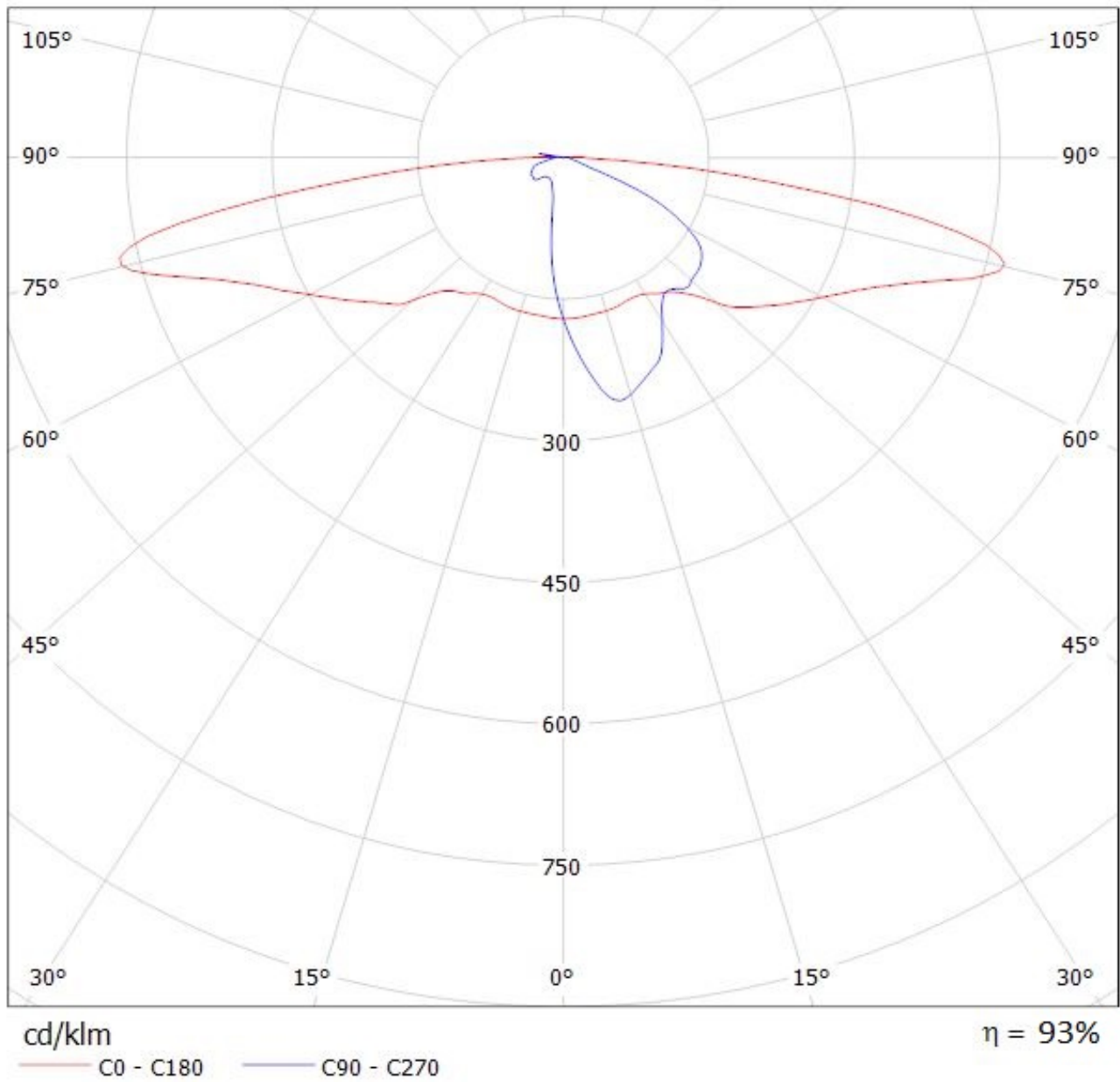


cd/klm

— C0 - C180 — C90 - C270

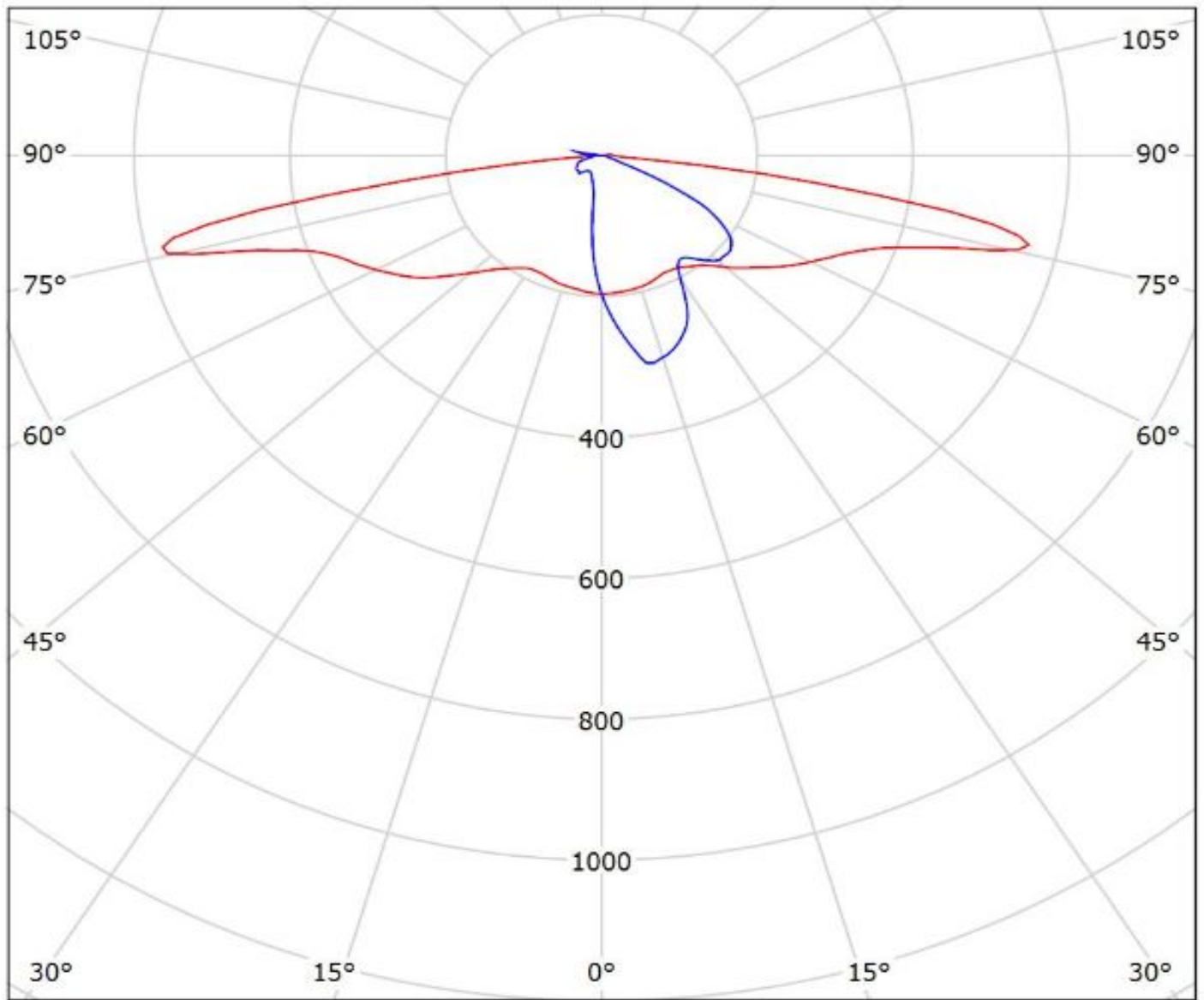
$\eta = 95\%$

Luminaire: LEDiL Oy C15021_STRADA-2X2-SCL_(LH351D)
Lamps: 1 x Samsung_LH351D_524.264lm@250mA_P=2.7523W_I=0.250A



Luminaire: Ledil C15021_STRADA-2X2-SCL_(LH351C)

Lamps: 1 x Samsung_LH351C_518.223lm@250mA_P=2.85225W_I=0.25A



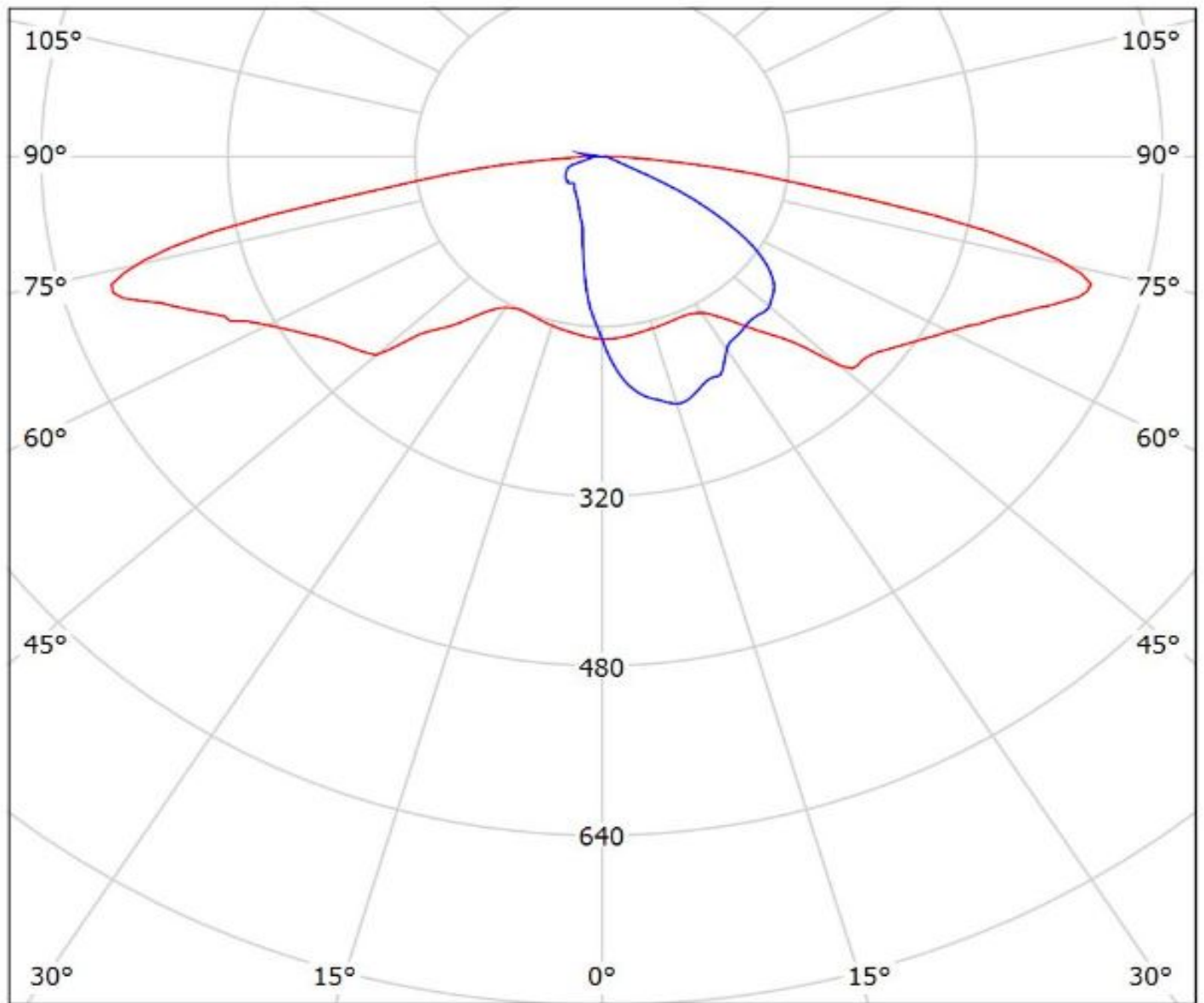
cd/klm

— C0 - C180 — C90 - C270

$\eta = 97\%$

Luminaire: Ledil C15021_STRADA-2X2-SCL_(LH508A)

Lamps: 1 x Samsung_LH508A_2x2_2060.04lm@160mA_CCT=5000K_CRI=80_P=15.5405W_I=0.16A



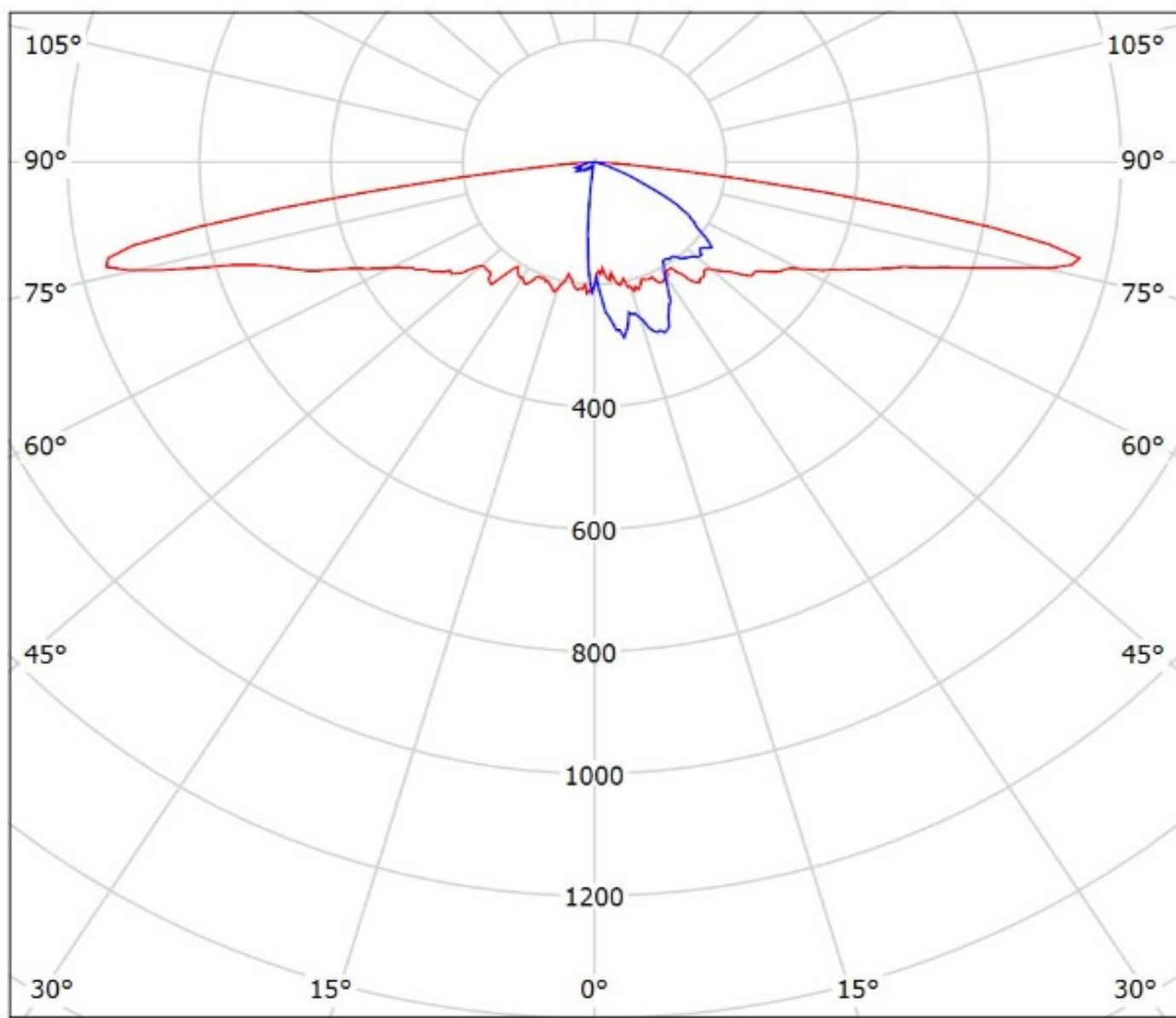
cd/klm

— C0 - C180

— C90 - C270

$\eta = 97\%$

Luminaire: SIMULATED_C15021_STRADA-2X2-SCL_Seoul_Z5M2
Lamps: 1 x



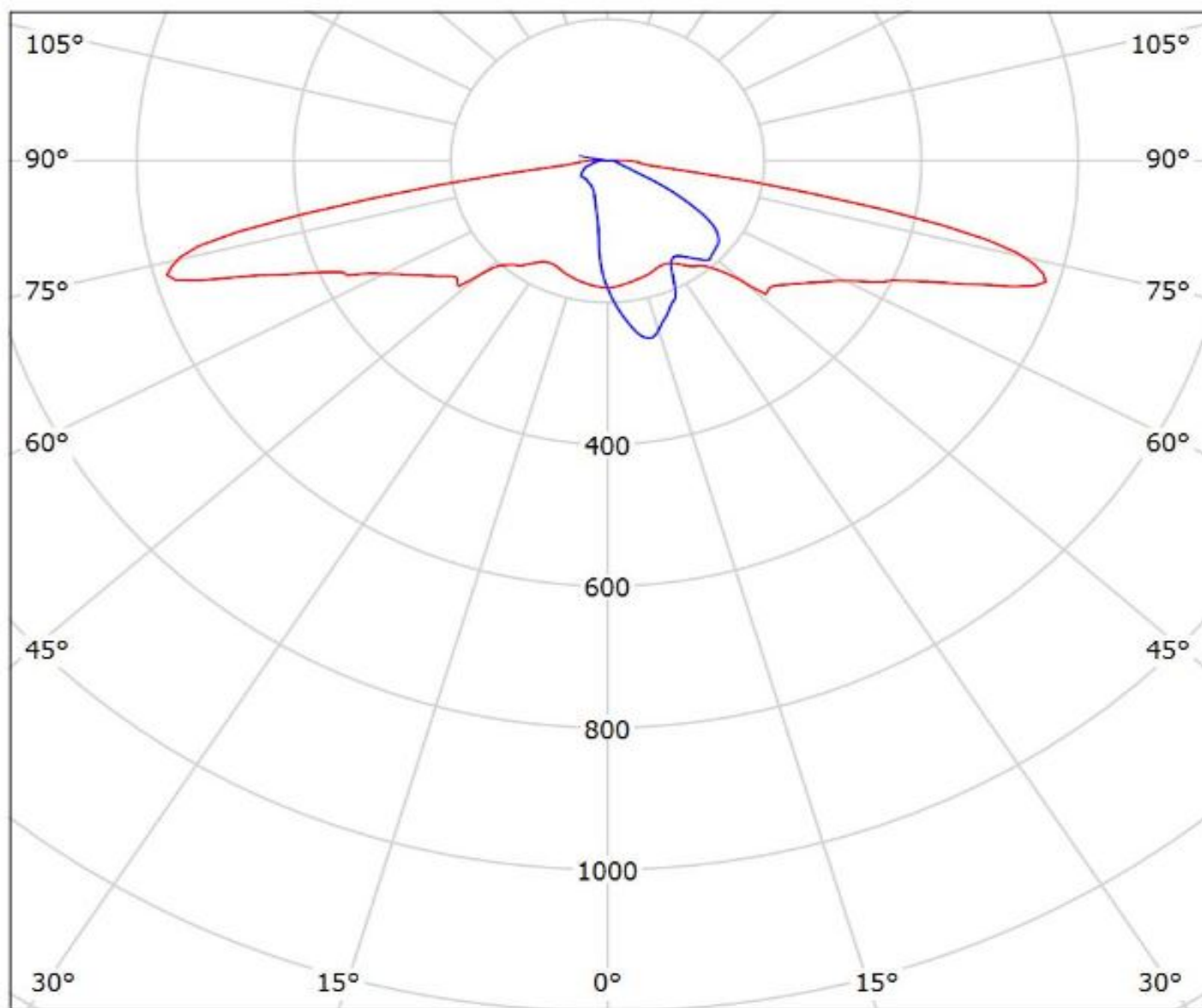
cd/klm

— C0 - C180 — C90 - C270

$\eta = 100\%$

Luminaire: Ledil C15021_STRADA-2X2-SCL (Z8Y22plus)

Lamps: 1 x Seoul_Z8Y22plus_(W6E2G)_513.996lm@250mA_P=2.754W_I=0.250A



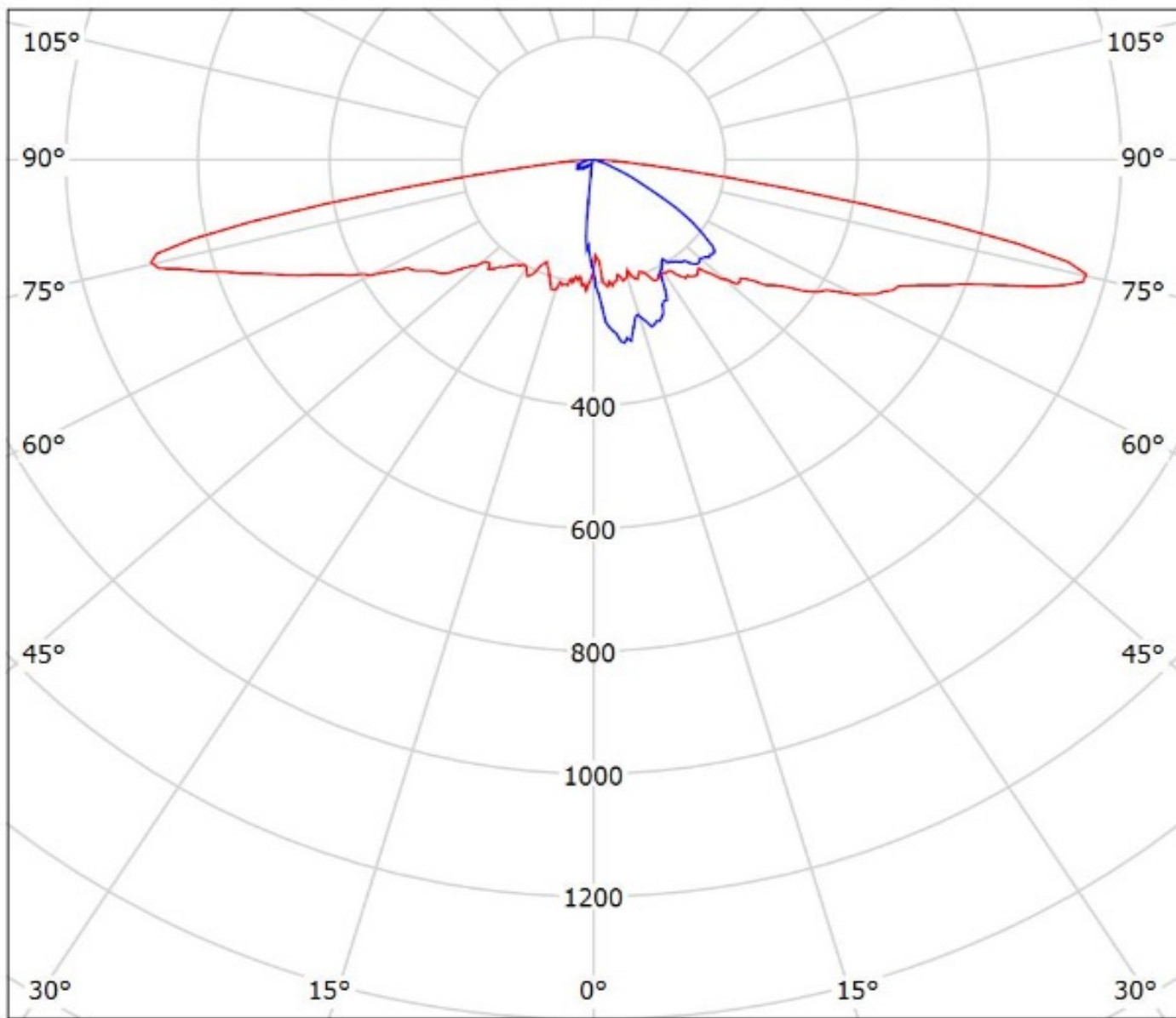
cd/klm

— C0 - C180 — C90 - C270

$\eta = 96\%$

Luminaire: SIMULATED_C15021_STRADA-2X2-SCL_Toshiba_TL1L4

Lamps: 1 x

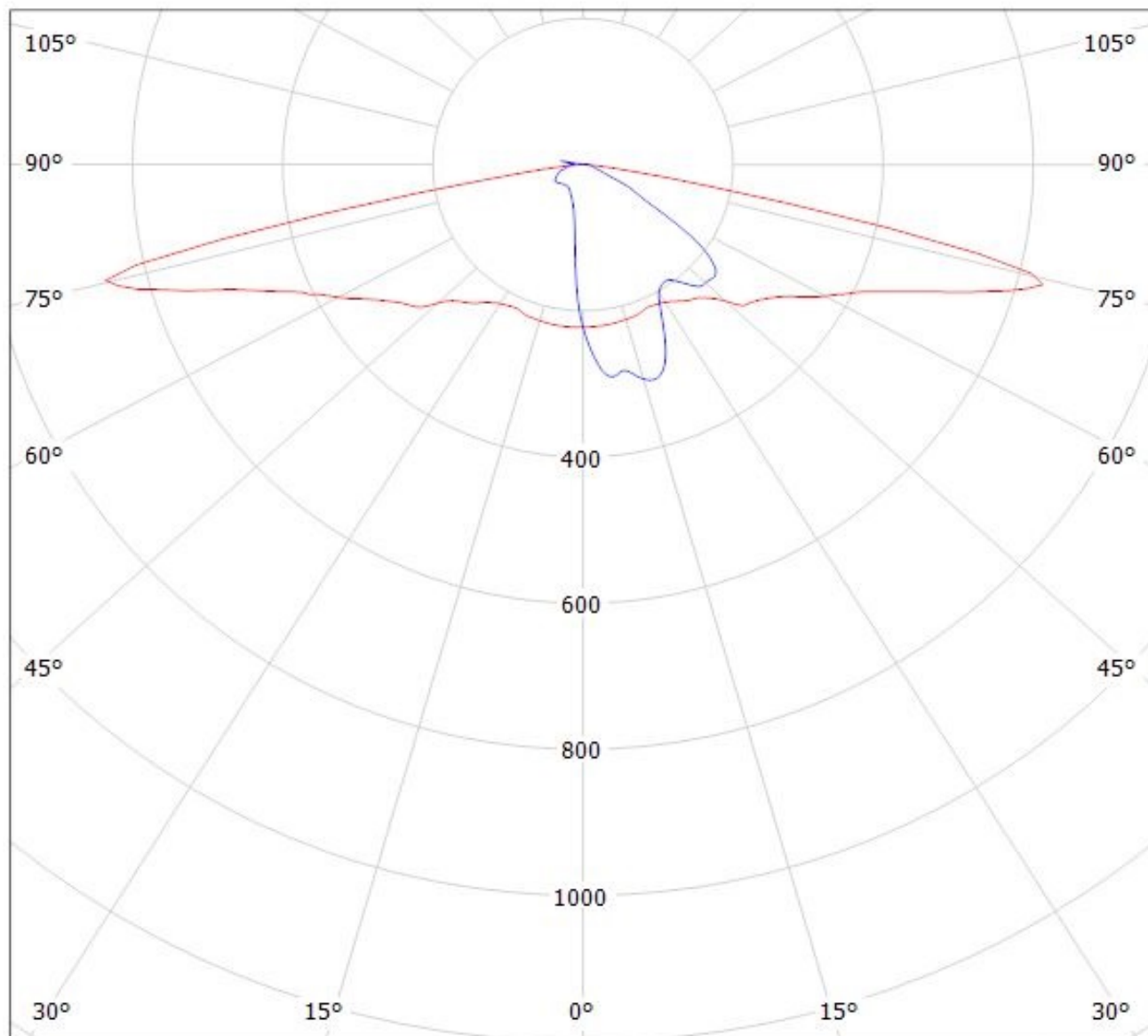


cd/klm

— C0 - C180 — C90 - C270

$\eta = 100\%$

Luminaire: LEDiL Oy C15021_STRADA-2X2-SCL_(Tridonic_Module_RLE_G1)
Lamps: 1 x Tridonic_Module_RLE_G1_4594.42lm@700mA_P=32.1515W_I=0.700A

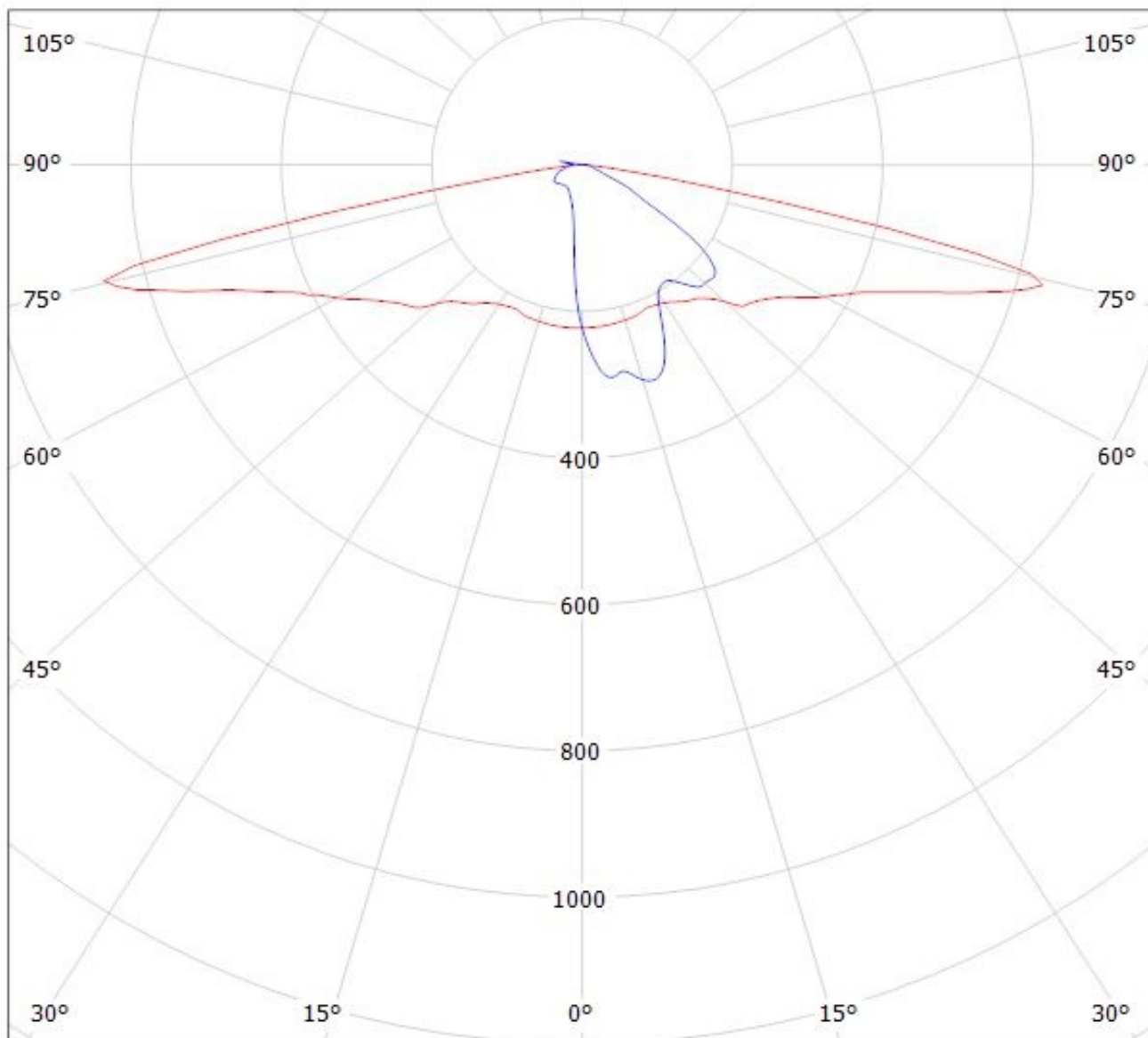


cd/klm

— C0 - C180 — C90 - C270

$\eta = 94\%$

Luminaire: LEDiL Oy C15021_STRADA-2X2-SCL_(Tridonic_Module_RLE_G1)
Lamps: 1 x Tridonic_Module_RLE_G1_4594.42lm@700mA_P=32.1515W_I=0.700A



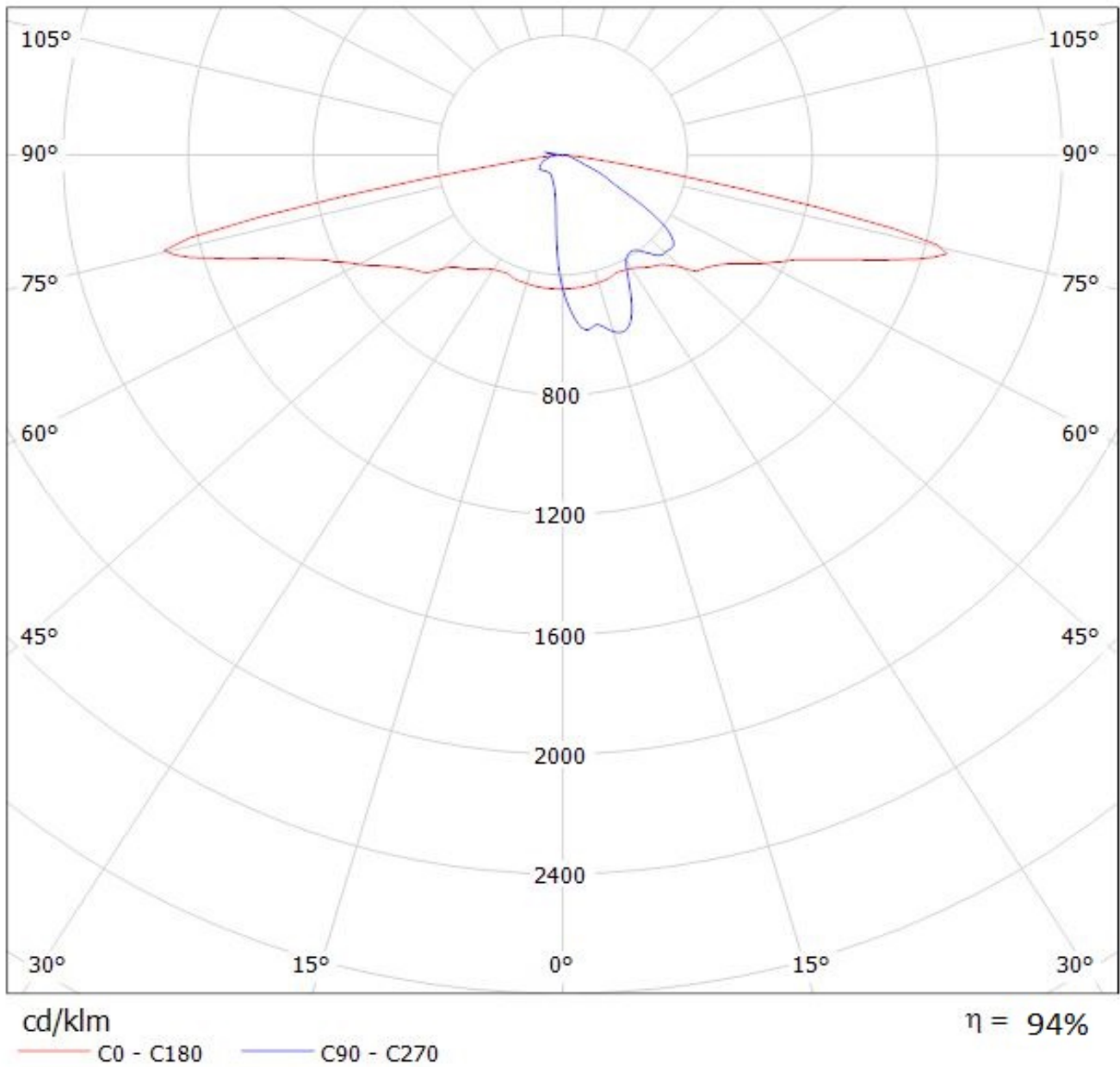
cd/klm

— C0 - C180

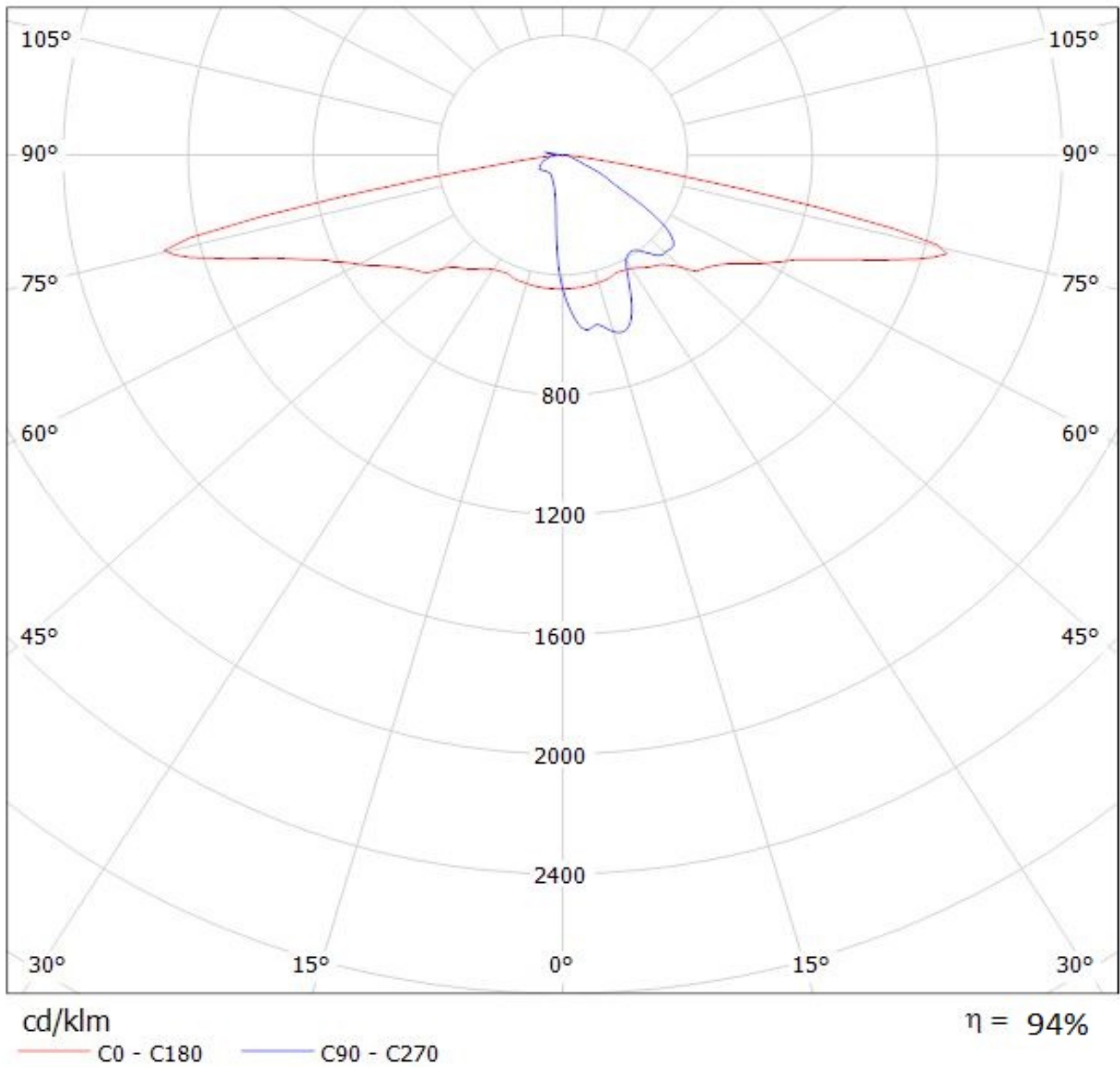
— C90 - C270

$\eta = 94\%$

Luminaire: LEDiL Oy C15021_STRADA-2X2-SCL_(Tridonic_Module_RLE_G1)
Lamps: 1 x Tridonic_Module_RLE_G1_2288lm@700mA_P=16W_I=0.700A



Luminaire: LEDiL Oy C15021_STRADA-2X2-SCL_(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.