

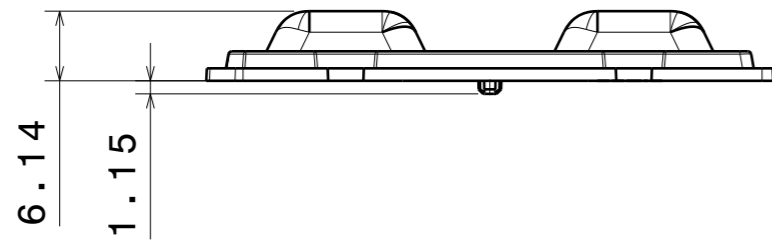
DETAILS

Product Number	C14680_STRADA-2X2-VSM
Family	Strada
Type	Lens
Color	clear
Diameter	50 x 50 mm
Height	6,14 mm
Style	square
Optic Material	PMMA
Holder Material	
Fastening	screw, glue, pin
Status	production ready
ROHS Compliant	Yes
Date Updated	21/04/2016

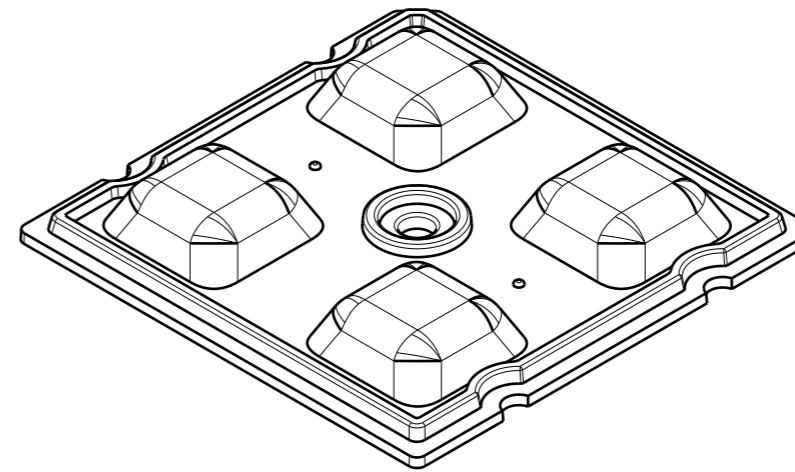


OPTICAL PROPERTIES

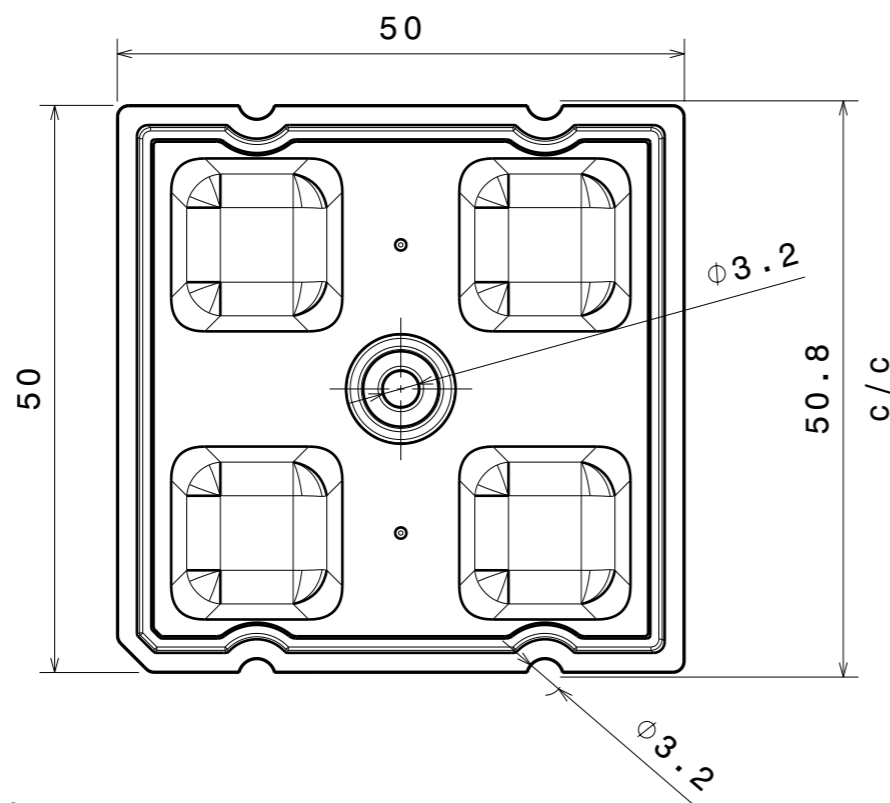
LED	Viewing Angle	Light Beam	Efficiency	cd/lm	Connector
XT-E	152 deg	Wide-Area...	94 %	0.500	-
XP-G2	sim: 150	Wide-Area...	sim: 93 %	sim: 0.430	-
H35C1 (LEMWA33)	150 deg	Wide-Area...	94 %	0.500	-
LUXEON 5050	Asymmetric deg	Wide-Area...	94 %	0.360	-
NVSxx19B/NVSxx19C	sim: Asym	Wide-Area...	sim: 92 %	sim: 0.450	-
NVSxE21A	134 deg	Wide-Area...	94 %	0.690	-
NVSW3x9A	152 deg	Wide-Area...	94 %	0.470	-
Oslon Square Gen3	sim: 146	Wide-Area...	sim: 93 %	sim: 1.600	-
Duris P8	sim: 144	Wide-Area...	sim: 93 %	sim: 0.440	-
Fortimo FastFlex LED board 2x8 DA G4	146 deg	Wide-Area...	94 %	0.510	-
LH351B	153 deg	Wide-Area...	94 %	0.450	-
LH351D	156 deg	Wide-Area...	94 %	0.370	-
LH351C	149 deg	Wide-Area...	94 %	0.500	-
LH508A	146 deg	Wide-Area...	94 %	0.360	-
Z8Y22P	146 deg	Wide-Area...	94 %	0.490	-
RLE G1 49x223mm 4000lm xxx EXC OTD	39 deg	Wide-Area...	94 %	0.500	-
RLE G1 49x245mm 4000lm xxx EXC OTD	39 deg	Wide-Area...	94 %	0.500	-
RLE G1 49x121mm 2000lm xxx EXC OTD	39 deg	Wide-Area...	94 %	0.500	-
RLE G1 49x133mm 2000lm xxx EXC OTD	39 deg	Wide-Area...	94 %	0.500	-



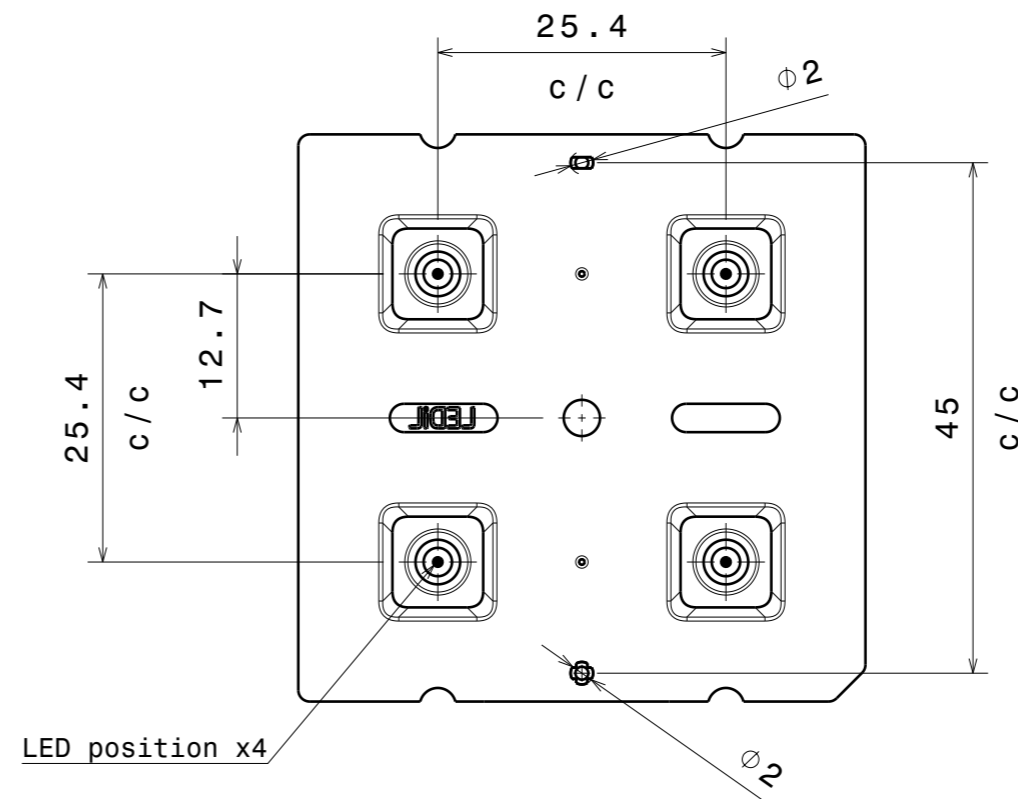
Front view



Isometric view



Top view



Bottom view

INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	C14680	STRADA-2X2-VSM	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:

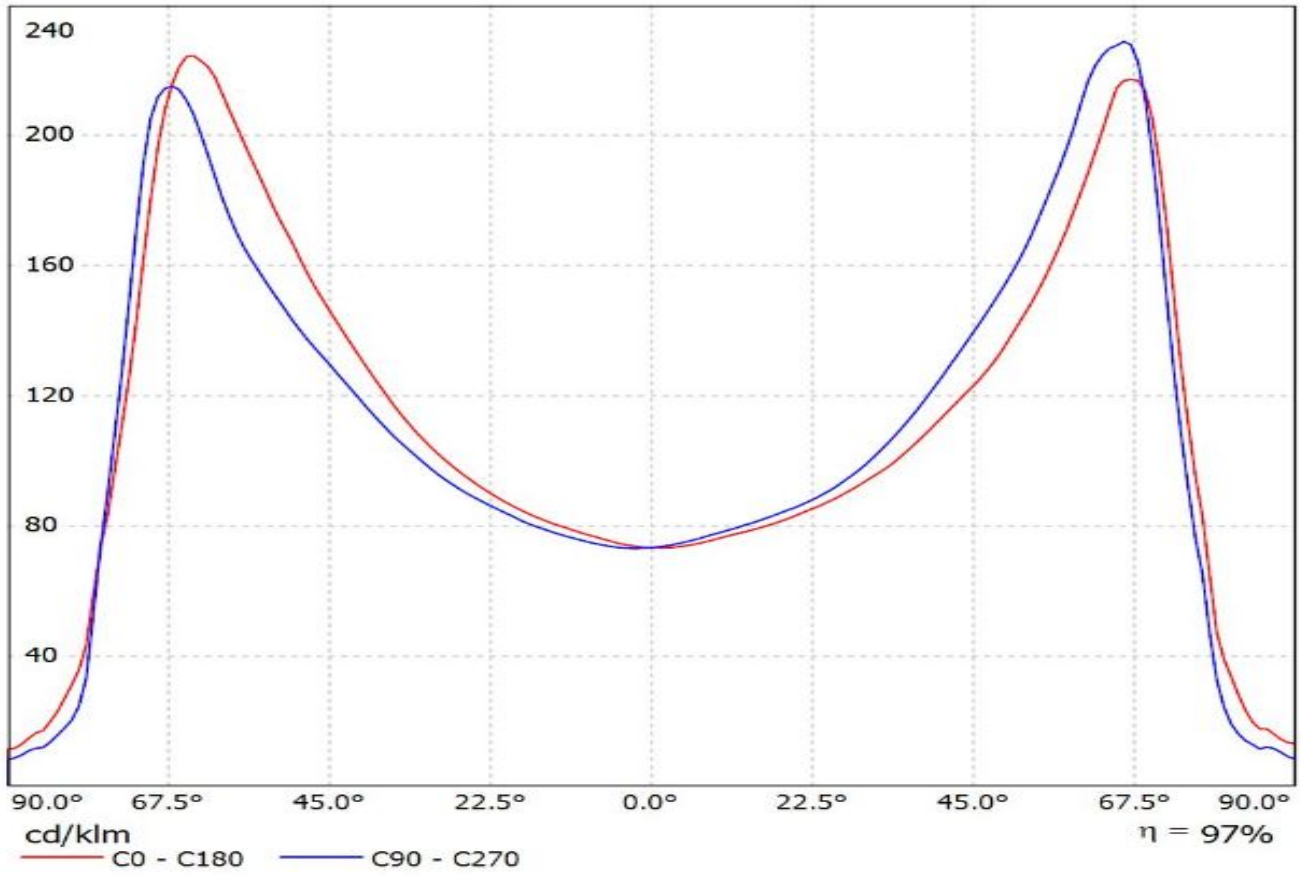
DRAWING TITLE
C14680_STRADA-2X2-VSM

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

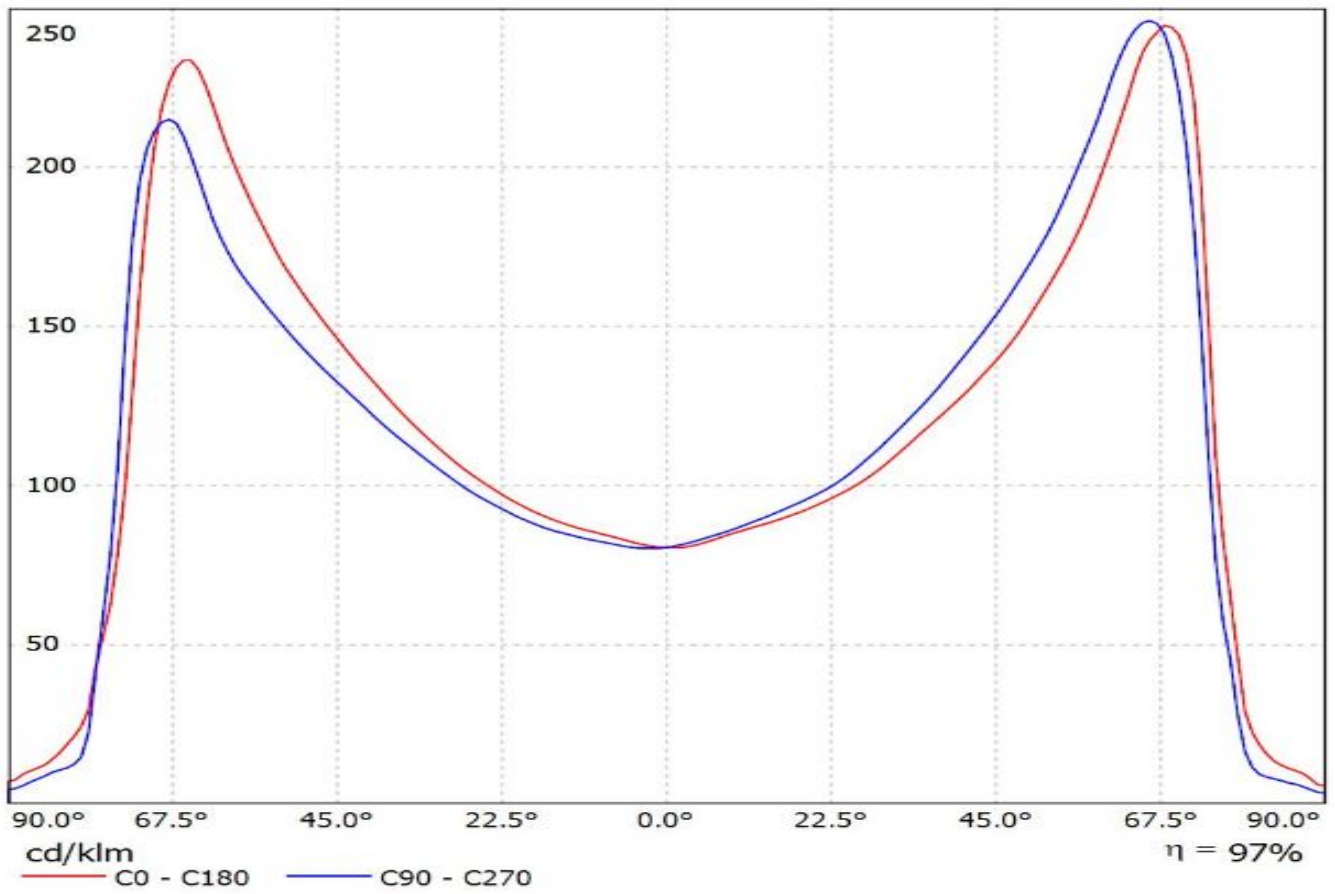
SIZE	PART NUMBER
A3	C14680

SCALE	3:2	WEIGHT	6,70 g	SHEET	1/1
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Luminaire: LEDiL Oy C14680_STRADA-2X2-VSM_(XT-E)
Lamps: 1 x Cree_XT-E_(2x2)_382.256lm@250mA_P=2.98581W_I=0.2499A

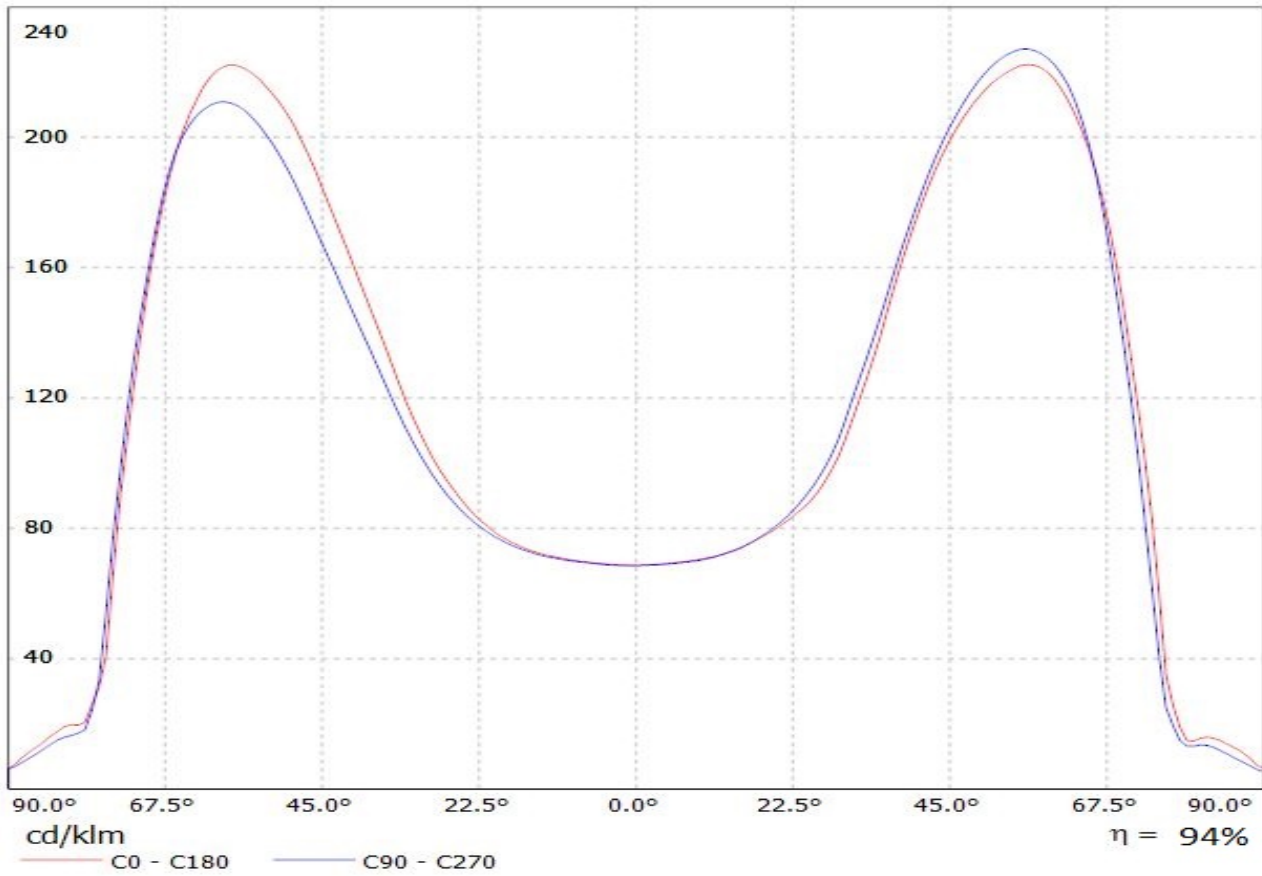


Luminaire: Ledil C14680_STRADA-2X2-VSM_(H35C1)
Lamps: 1 x LG_H35C1_2x2_477.216lm@250mA_P=2.87475W_I=0.250A

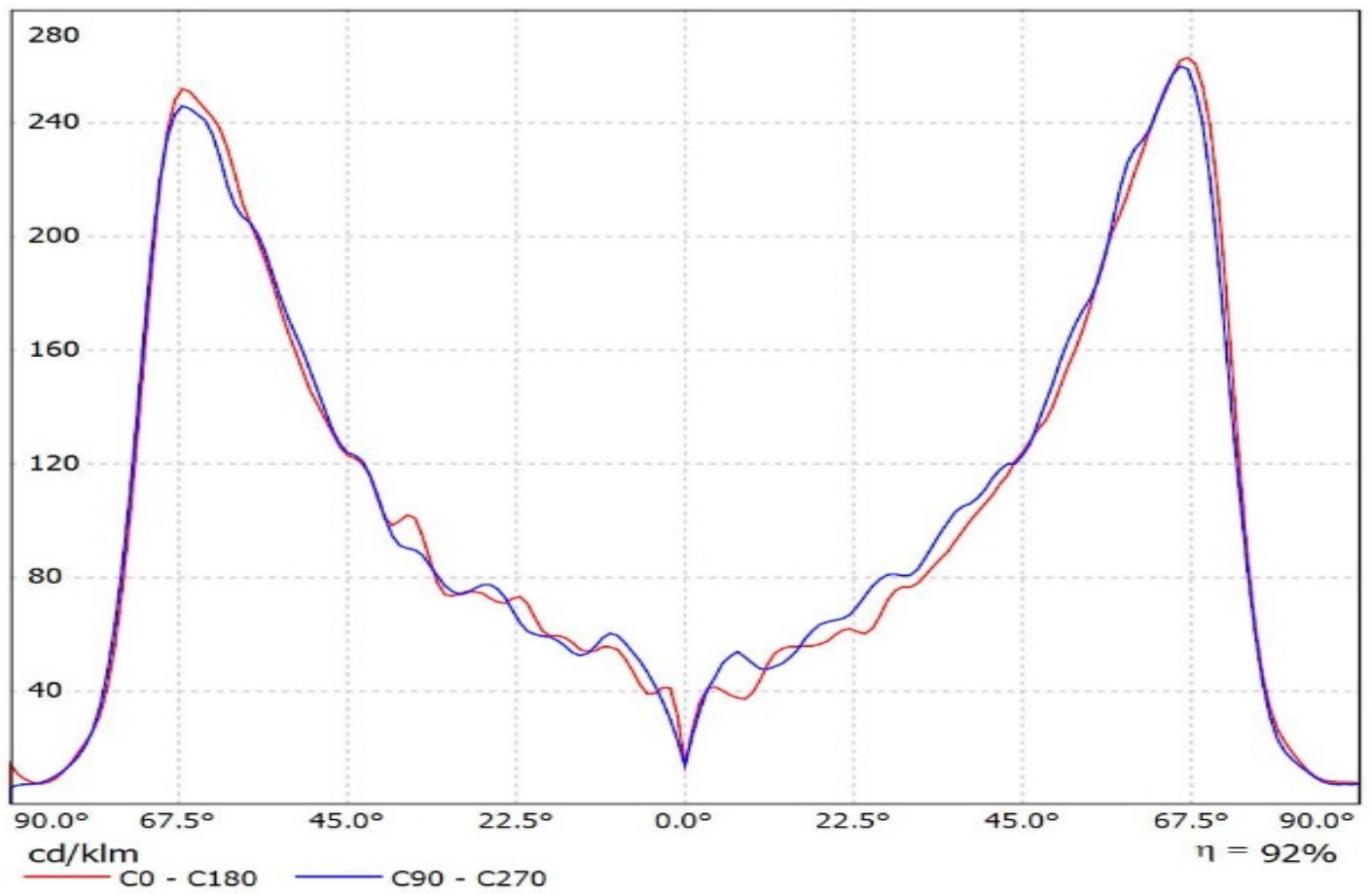


Luminaire: LEDiL Oy C14680_STRADA-2X2-VSM_(Luxeon_5050)

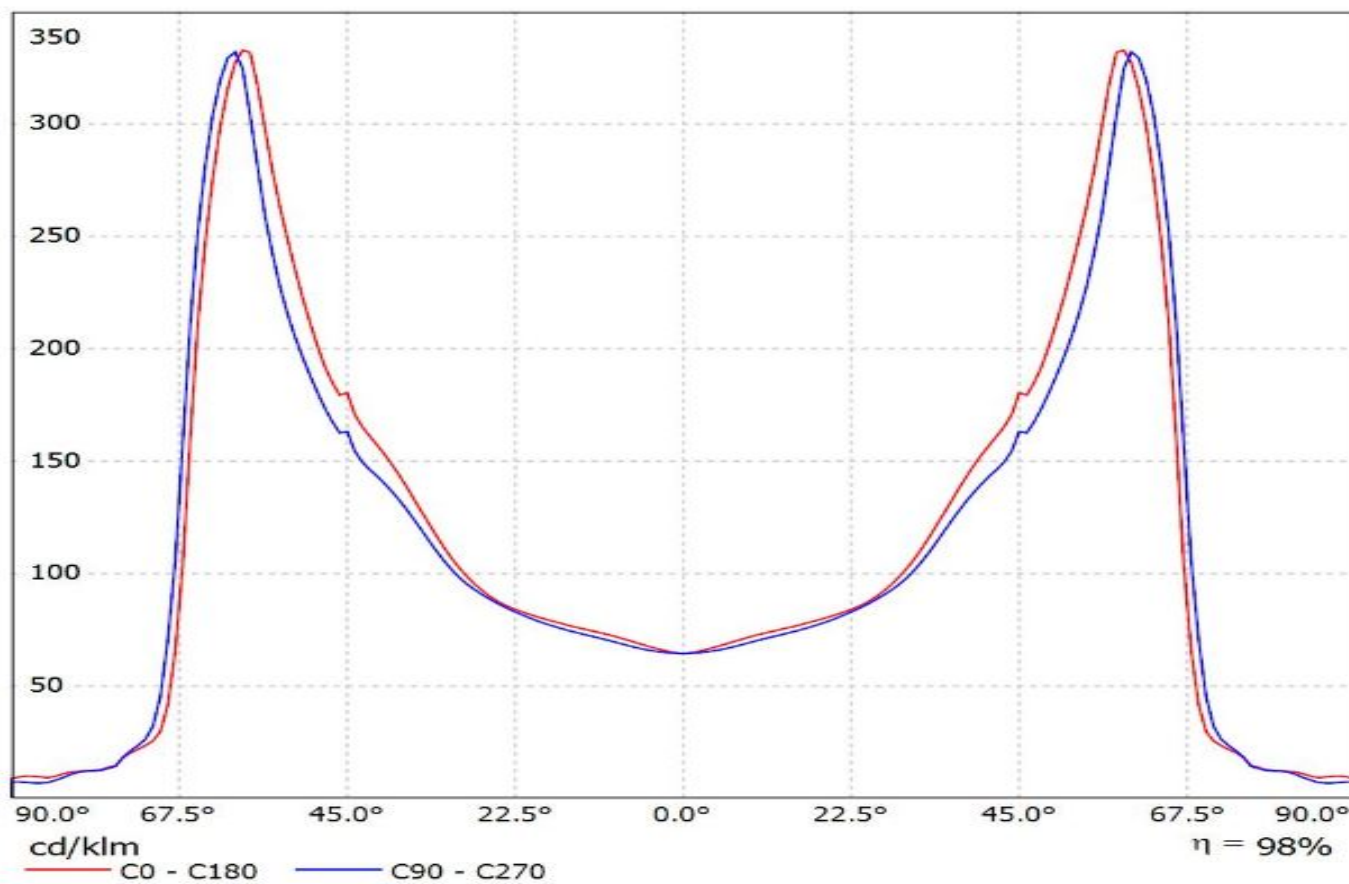
Lamps: 1 x Luxeon_5050_2x2_1270.76lm@80mA_CCT=5700K_P=7.35815W_I=0.080A_70CRI



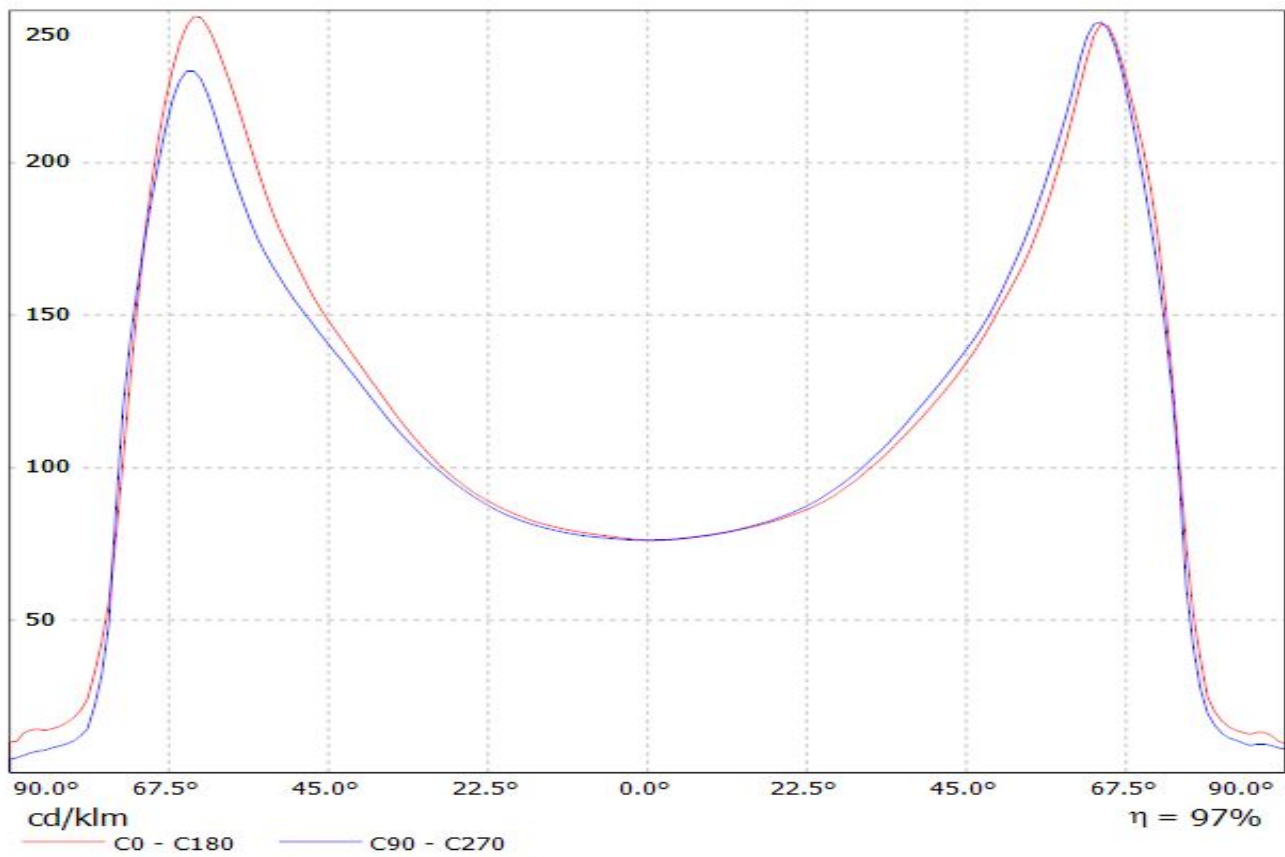
Luminaire: Ledil Oy C14680_STRADA-2X2-VSM_Nichia_NV5xx19C_SIMULATED
Lamps: 1 x NICHIA NV5xx19C



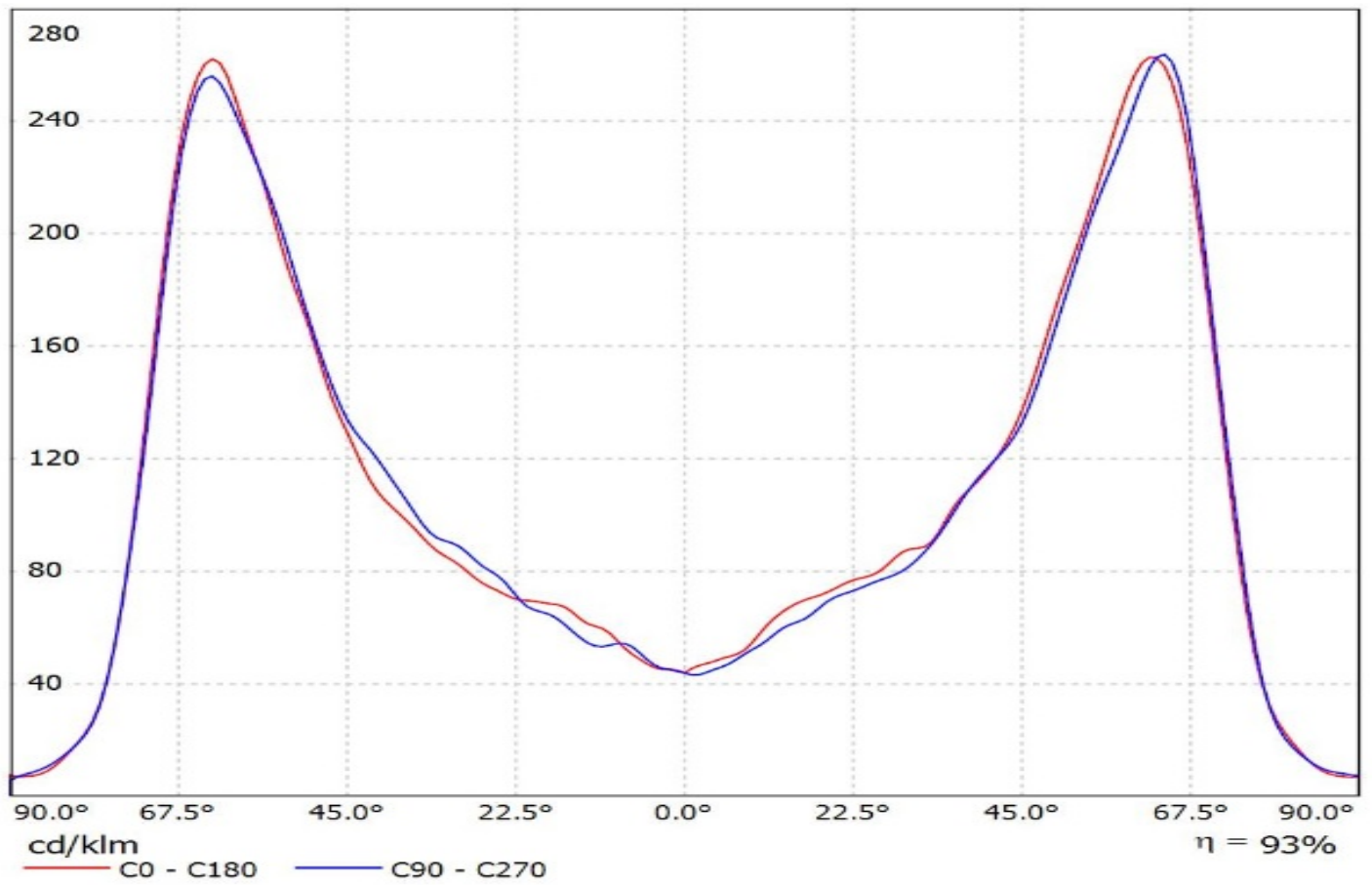
Luminaire: LEDiL Oy C14680_STRADA-2X2-VSM_(E21A)
Lamps: 1 x Nichia_E21A_452.248lm@250mA_2.805W_I=0.250A



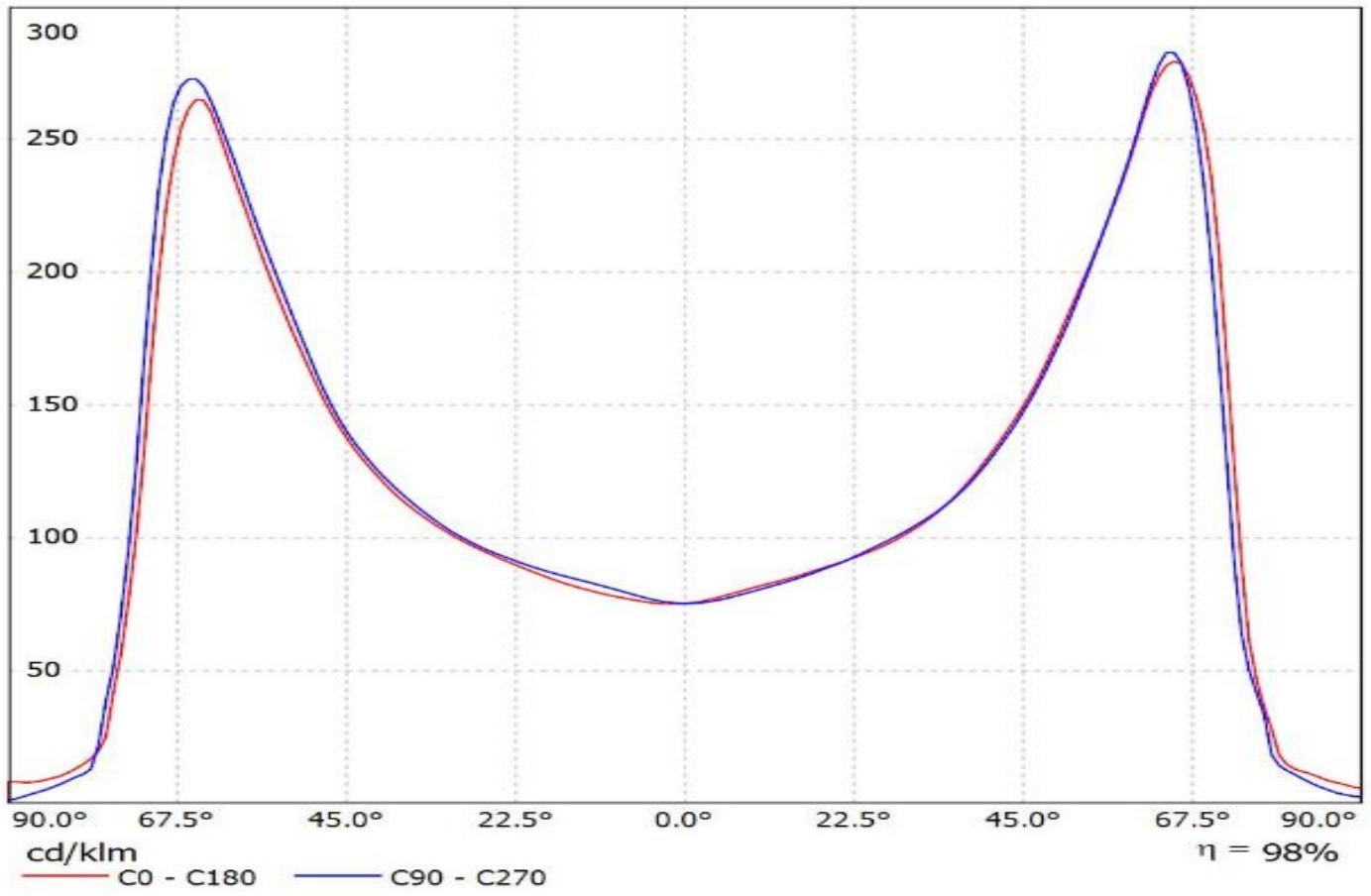
Luminaire: LEDiL Oy C14680_STRADA-2X2-VSM_(NVSW319AE)
Lamps: 1 x Nichia_NVSW319AE_499.093lm@250mA_P=2.79052W_I=0.25A



Luminaire: Ledil Oy C14680_STRADA-2X2-VSM_(Duris_P8)_SIMULATED
Lamps: 1 x Osram Duris P8

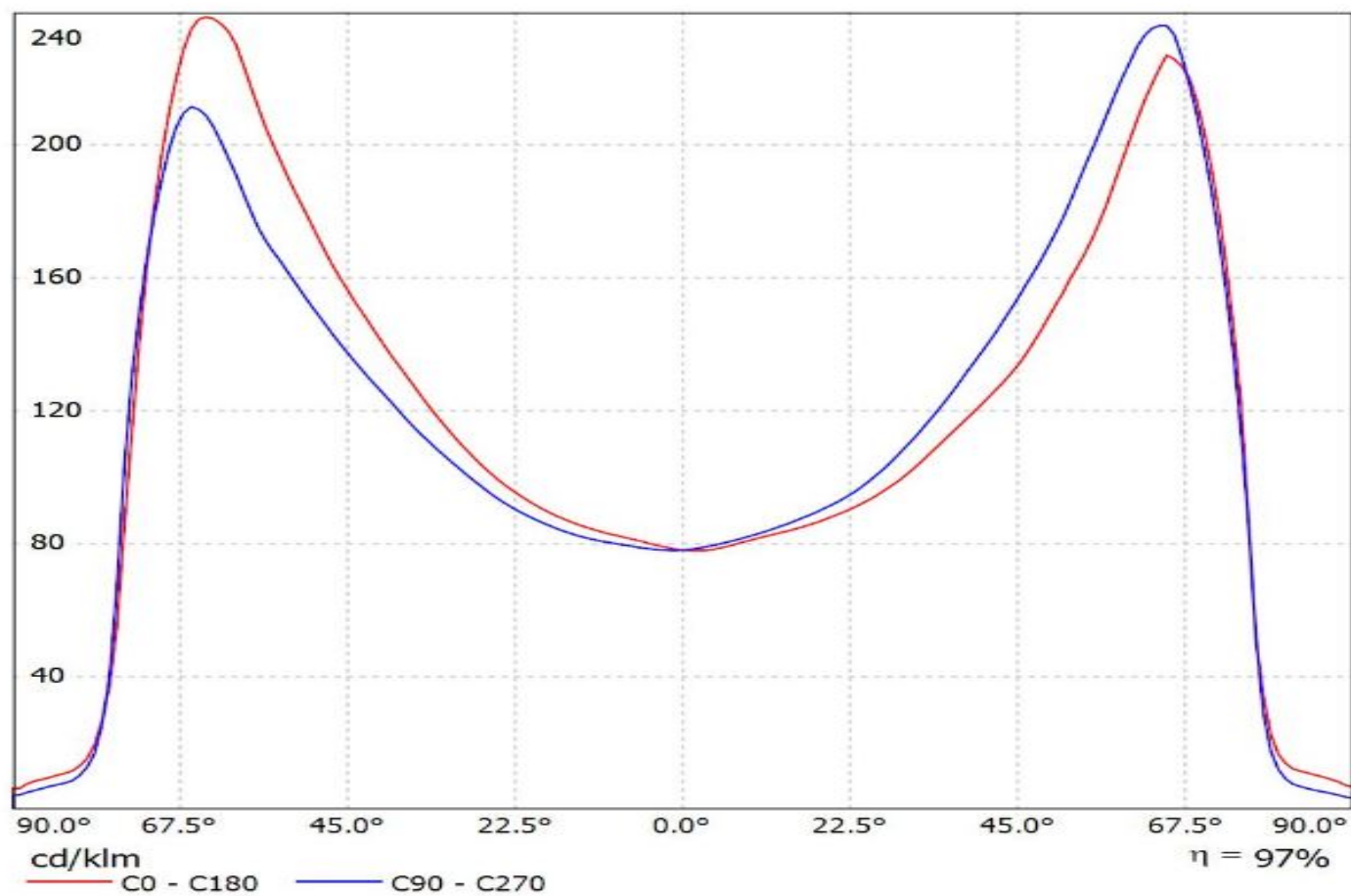


Luminaire: Ledil C14680_STRADA-2X2-VSM_(Fortimo_FastFlex_LED_board_2x8/740_DA_G3)
Lamps: 1 x Fortimo_FastFlex_LED_board_2x8/740_DA_G3_1828.23lm@250mA_P=11.667W_I=0.25A

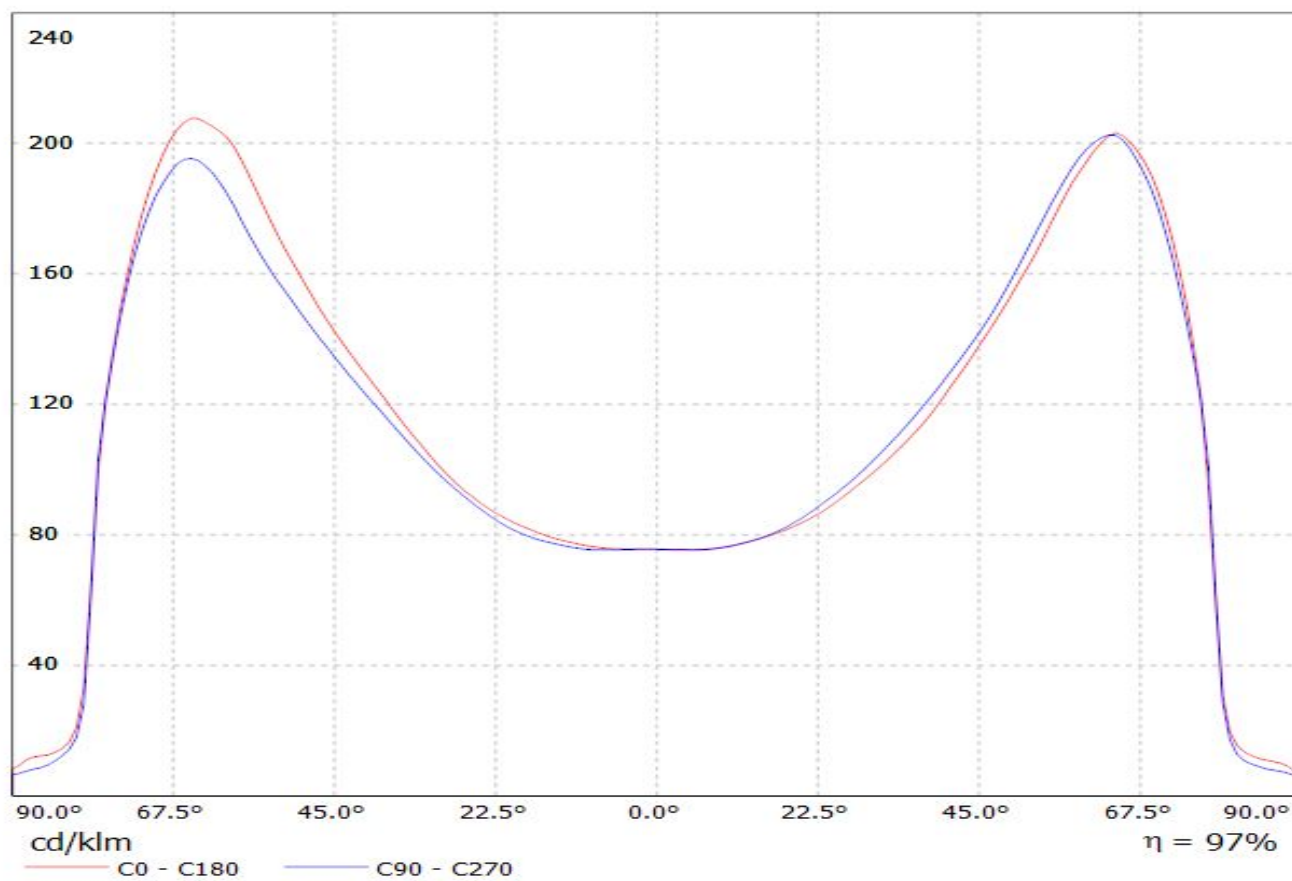


Luminaire: Ledil C14680_STRADA-2X2-VSM_(LH351B)

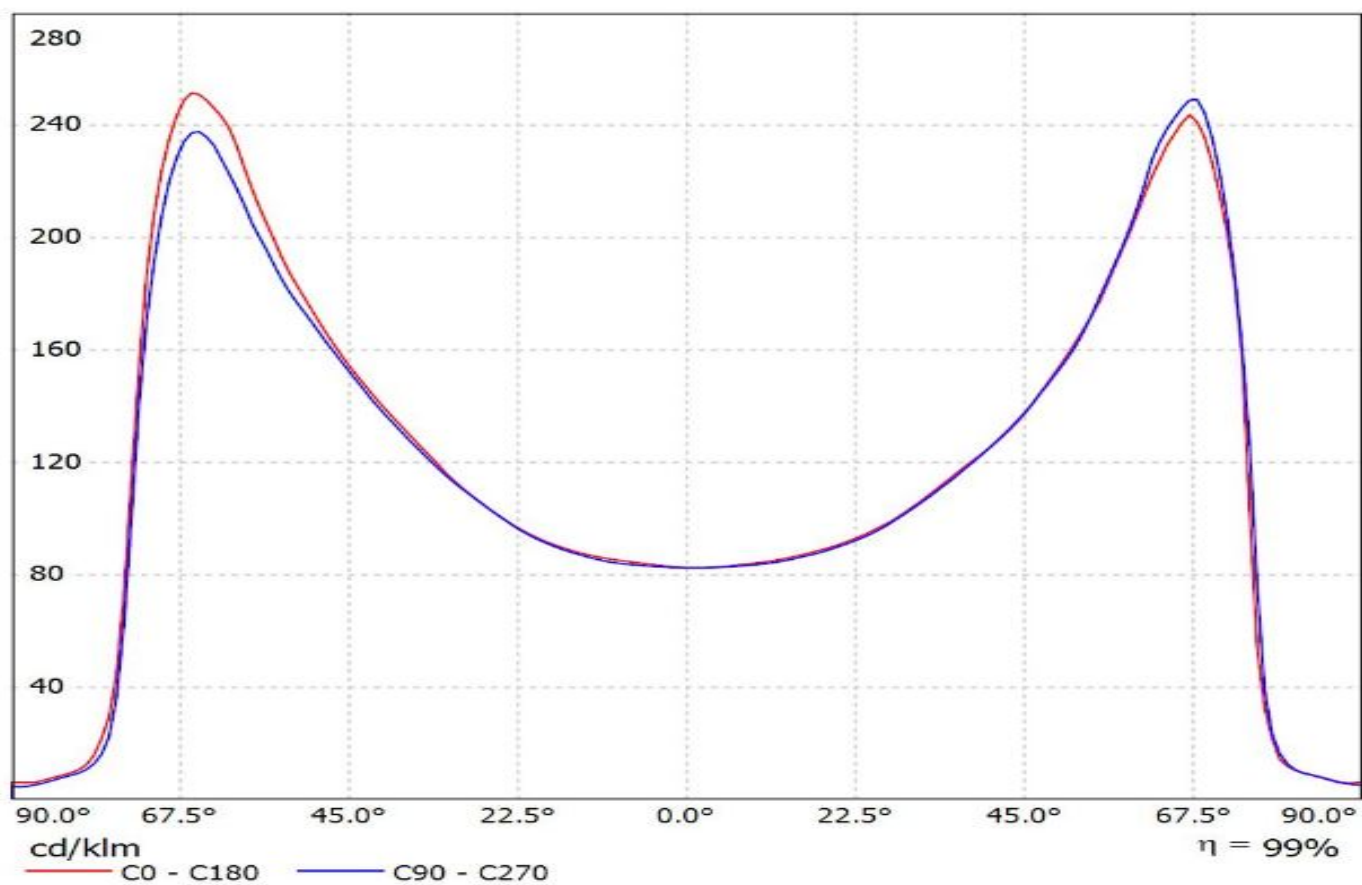
Lamps: 1 x Samsung_LH351B_2x2_444.178lm@250mA_P=2.8535W_I=0.25A



Luminaire: LEDiL Oy C14680_STRADA-2X2-VSM_(LH351D)
Lamps: 1 x Samsung_LH351D_524.264lm@250mA_P=2.7523W_I=0.250A

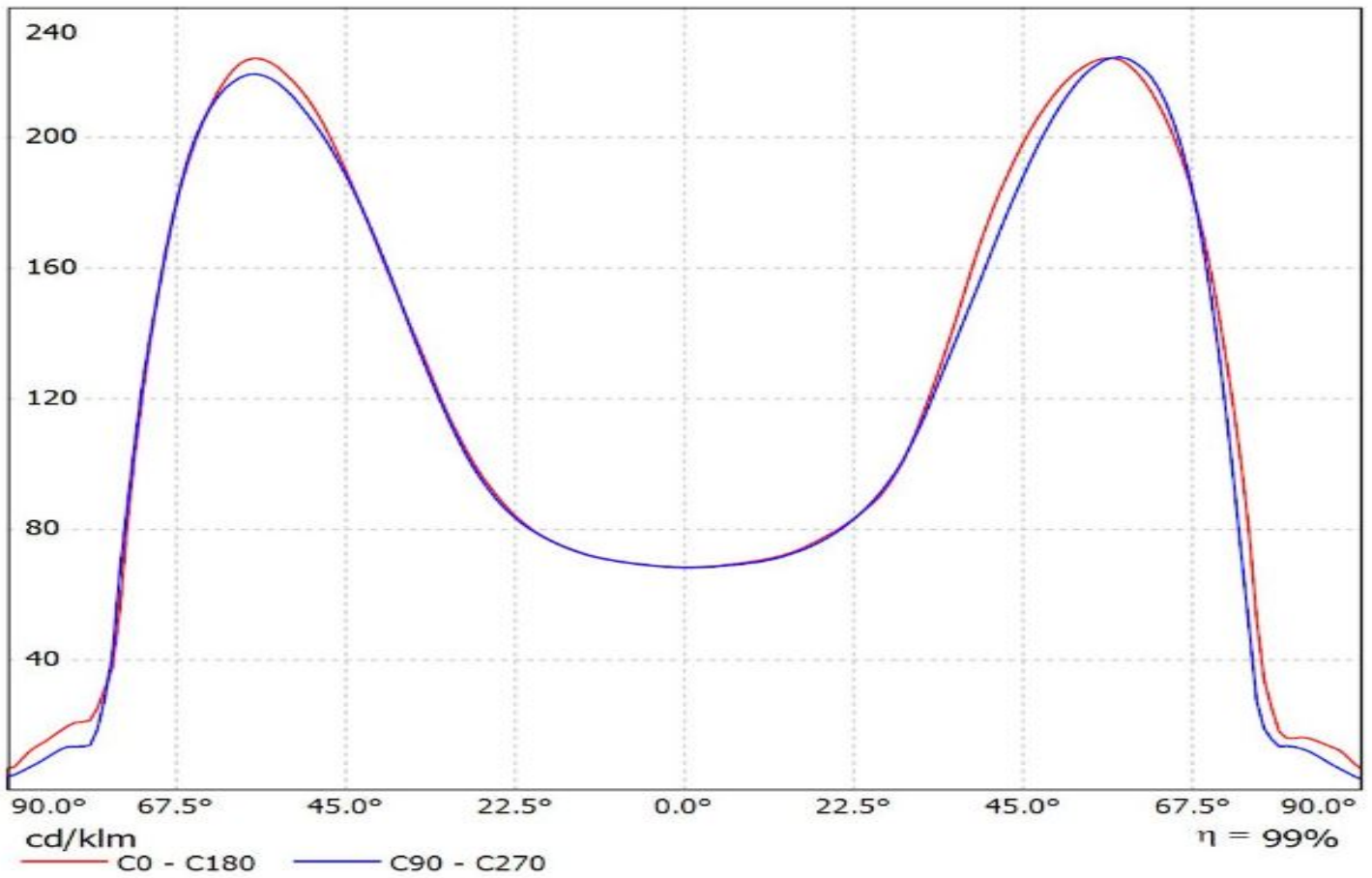


Luminaire: Ledil C14680_STRADA-2X2-VSM_(LH351C)
Lamps: 1 x Samsung_LH351C_518.223lm@250mA_P=2.85225W_I=0.25A



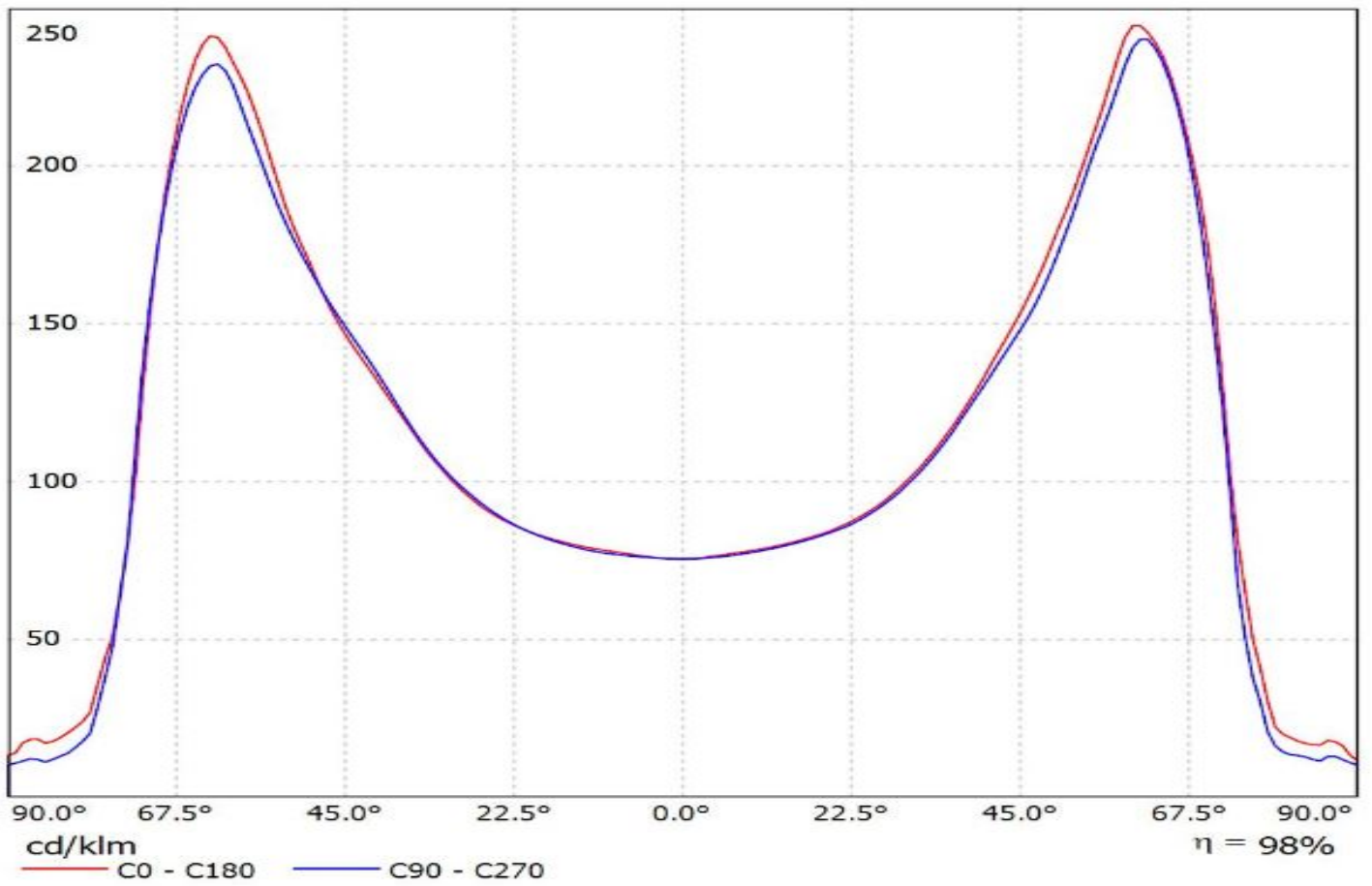
Luminaire: Ledil C14680_STRADA-2X2-VSM_(LH508A)

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

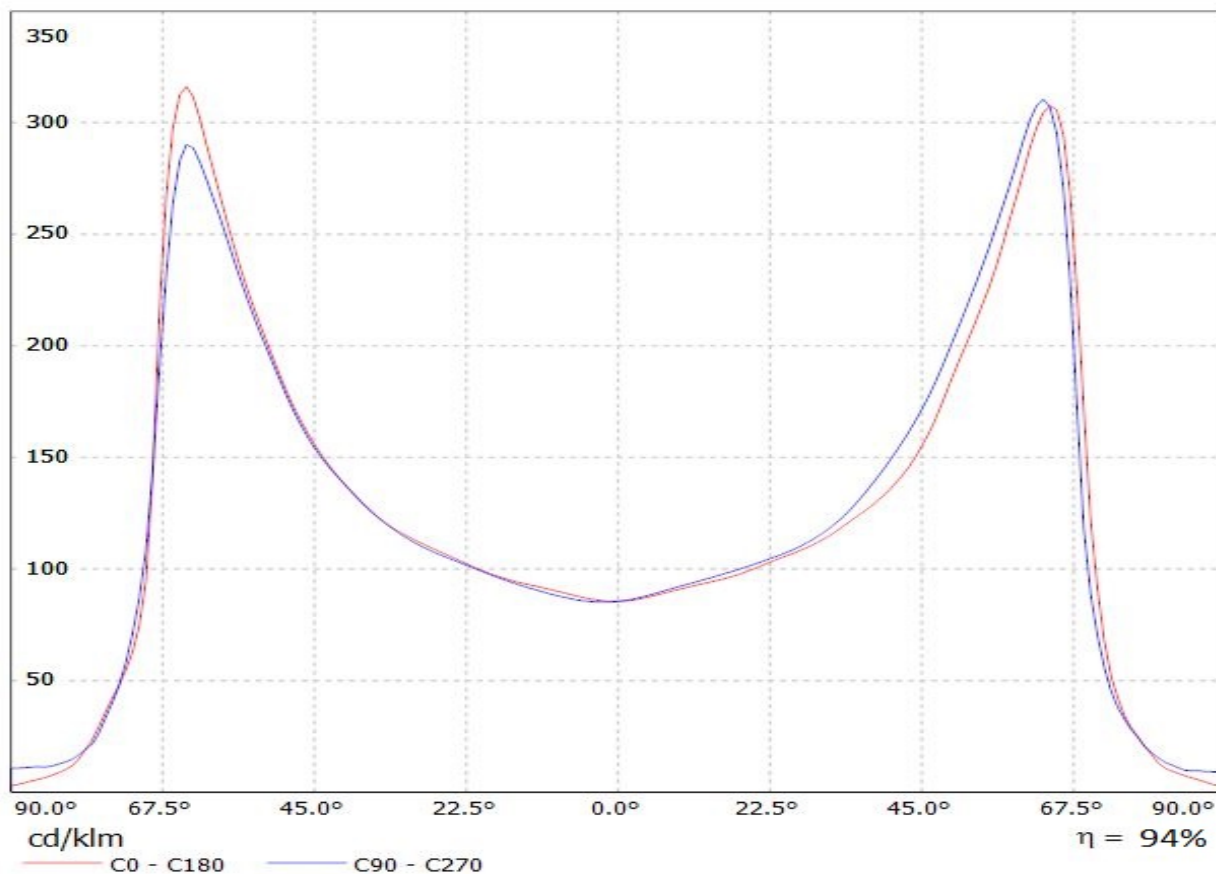


Luminaire: Ledil C14680_STRADA-2X2-VSM_(Z8Y22plus)

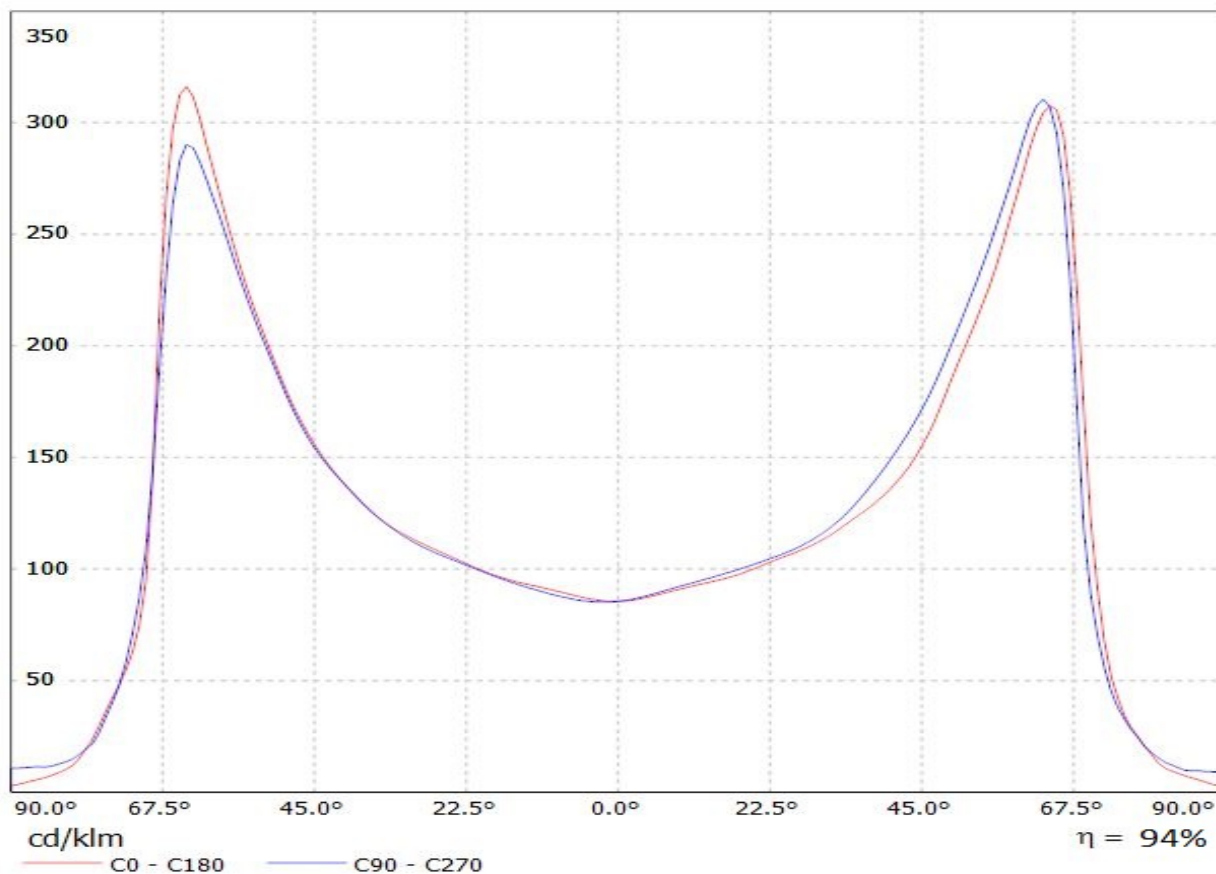
Lamps: 1 x Seoul_Z8Y22plus_(W6E2G)_513.996lm@250mA_P=2.754W_I=0.250A



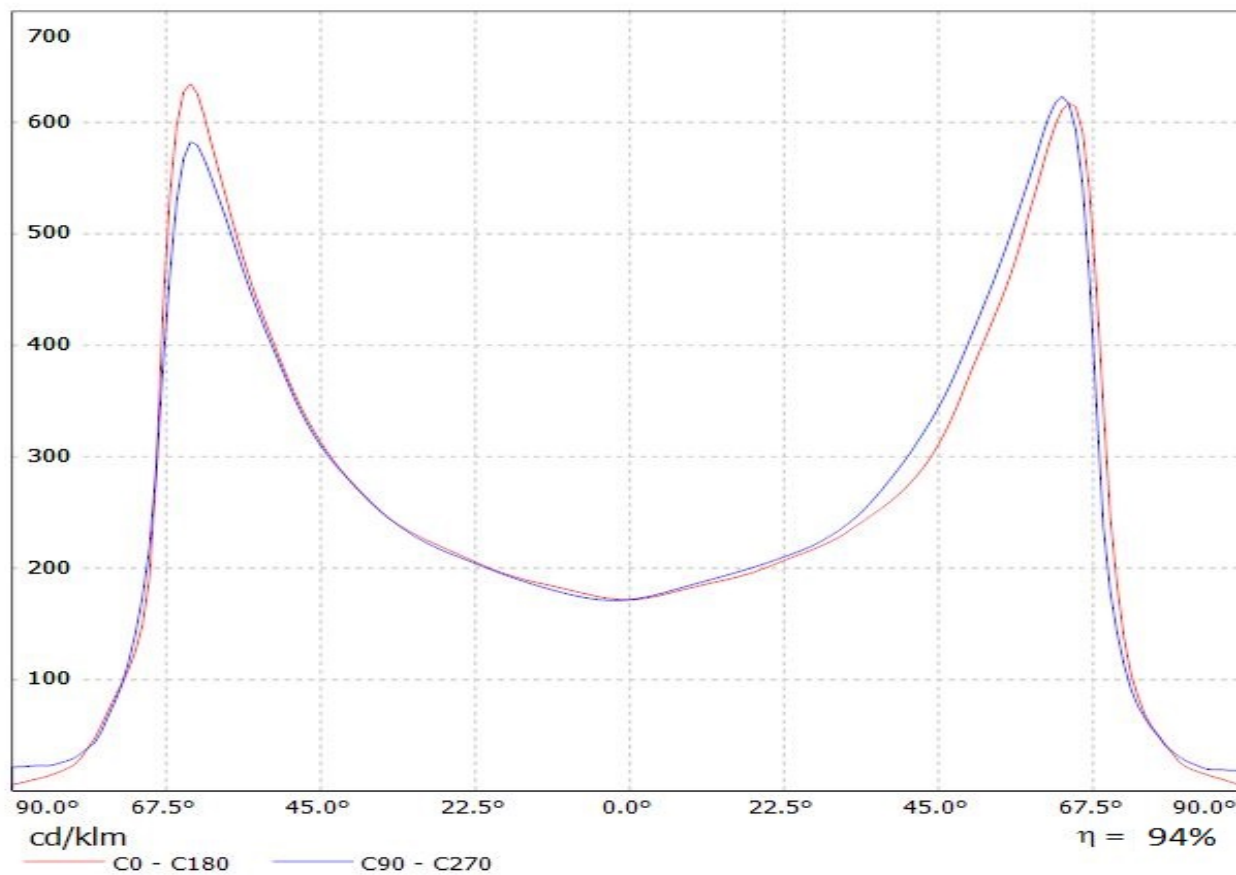
Luminaire: LEDiL Oy C14680_STRADA-2X2-VSM_(Tridonic_Module_RLE_G1)
Lamps: 1 x Tridonic_Module_RLE_G1_4594.42lm@700mA_P=32.1515W_I=0.700A



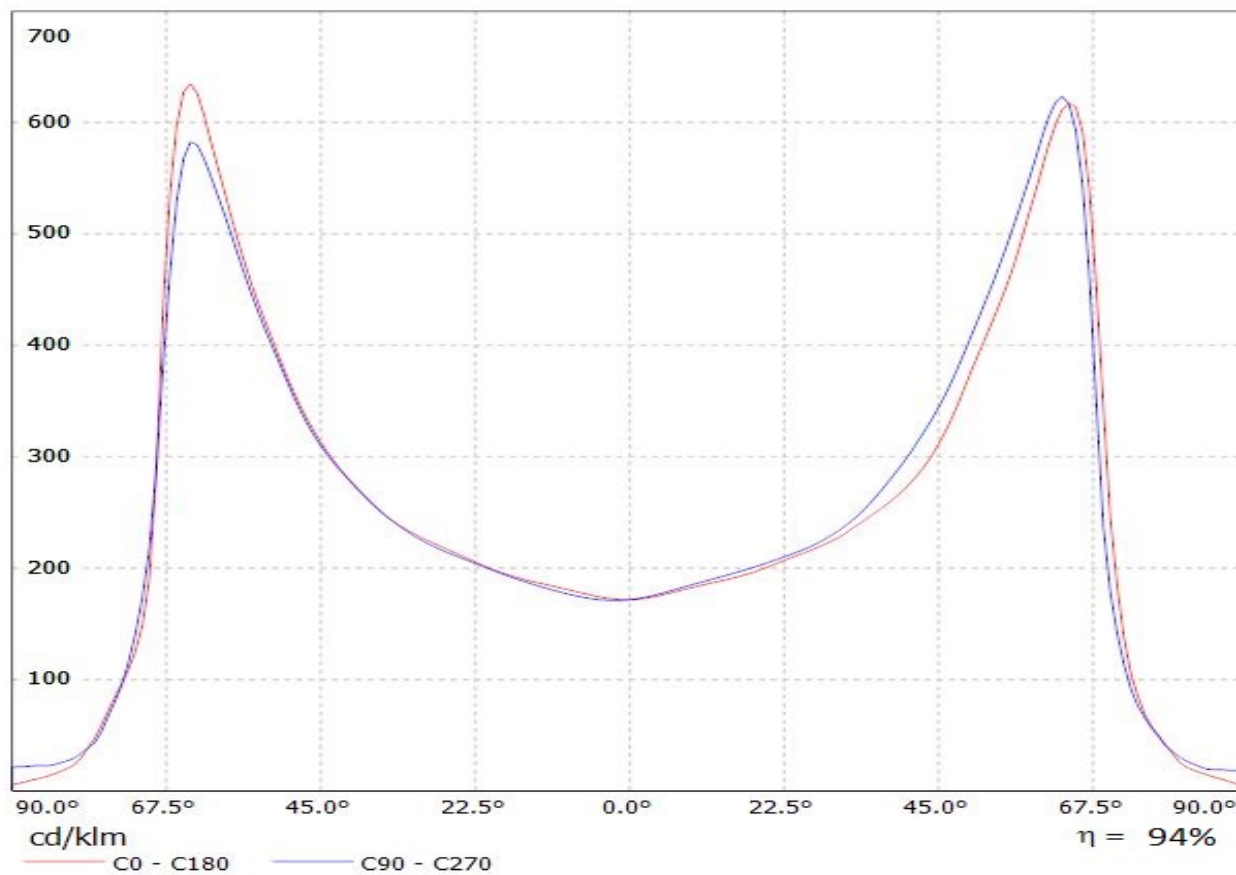
Luminaire: LEDiL Oy C14680_STRADA-2X2-VSM_(Tridonic_Module_RLE_G1)
Lamps: 1 x Tridonic_Module_RLE_G1_4594.42lm@700mA_P=32.1515W_I=0.700A



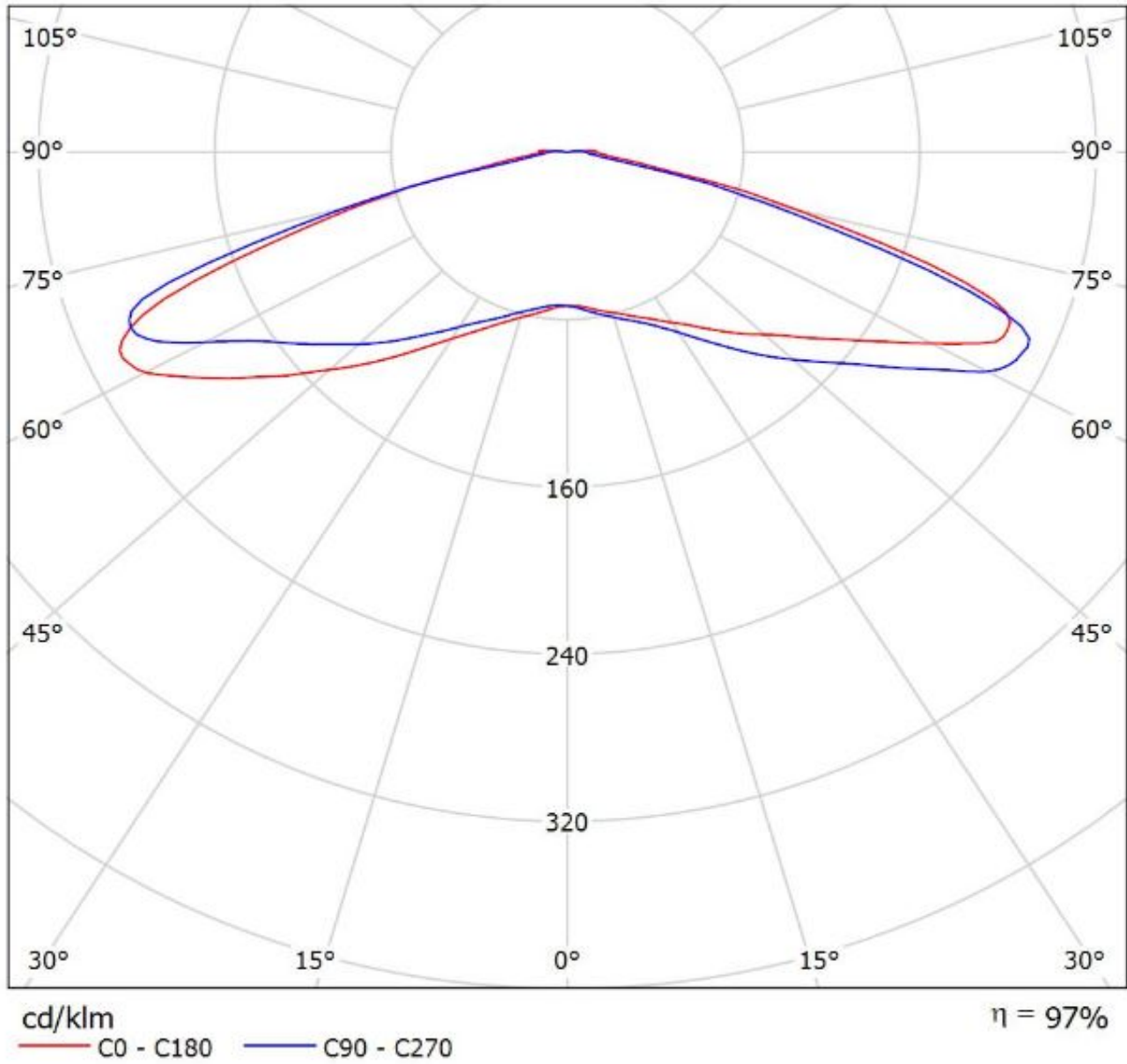
Luminaire: LEDiL Oy C14680_STRADA-2X2-VSM_(Tridonic_Module_RLE_G1)
Lamps: 1 x Tridonic_Module_RLE_G1_2288lm@700mA_P=16W_I=0.700A



Luminaire: LEDiL Oy C14680_STRADA-2X2-VSM_(Tridonic_Module_RLE_G1)
Lamps: 1 x Tridonic_Module_RLE_G1_2288lm@700mA_P=16W_I=0.700A

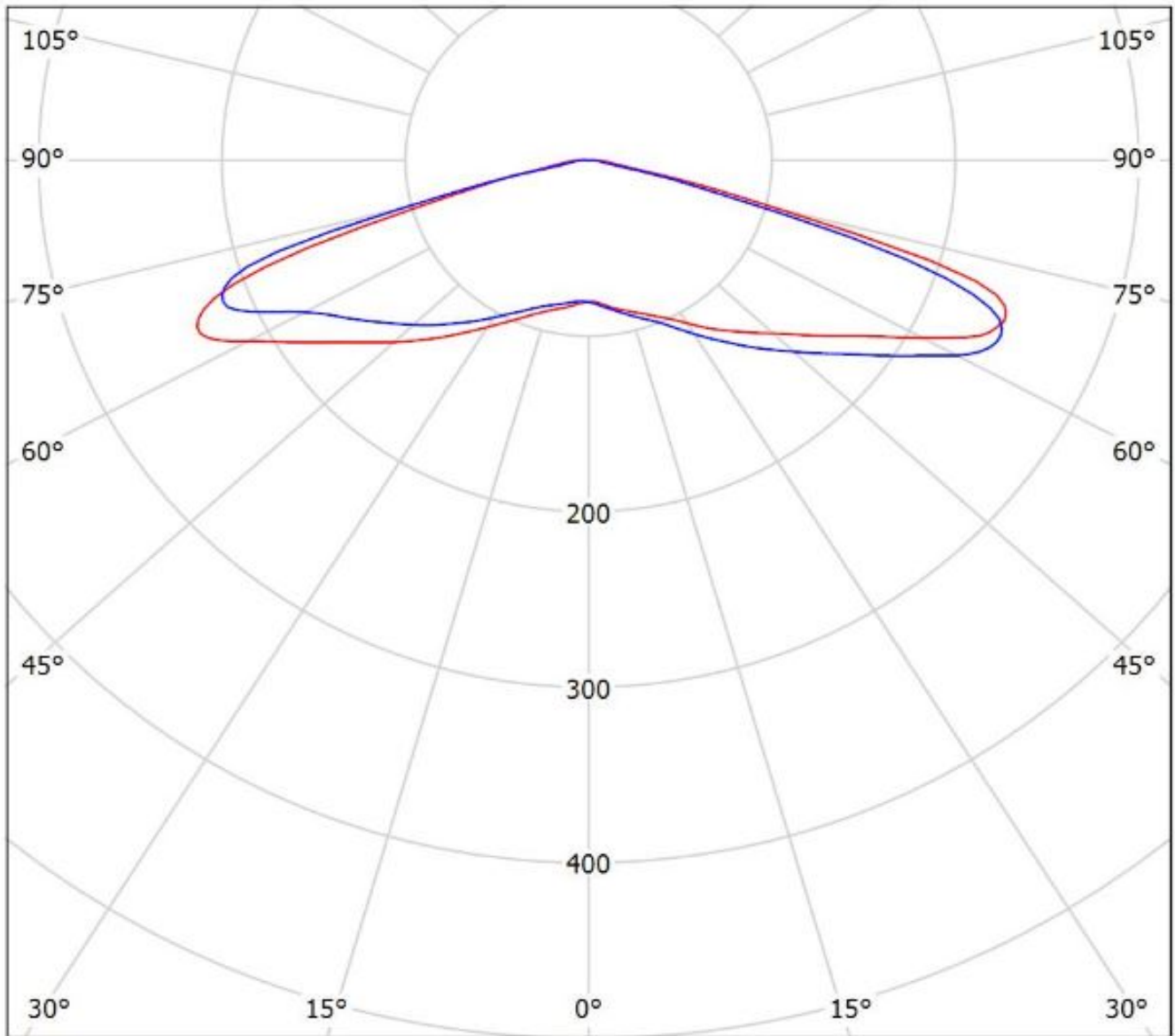


Luminaire: LEDiL Oy C14680_STRADA-2X2-VSM_(XT-E)
Lamps: 1 x Cree_XT-E_(2x2)_382.256lm@250mA_P=2.98581W_I=0.2499A



Luminaire: Ledil C14680_STRADA-2X2-VSM_(H35C1)

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



cd/klm

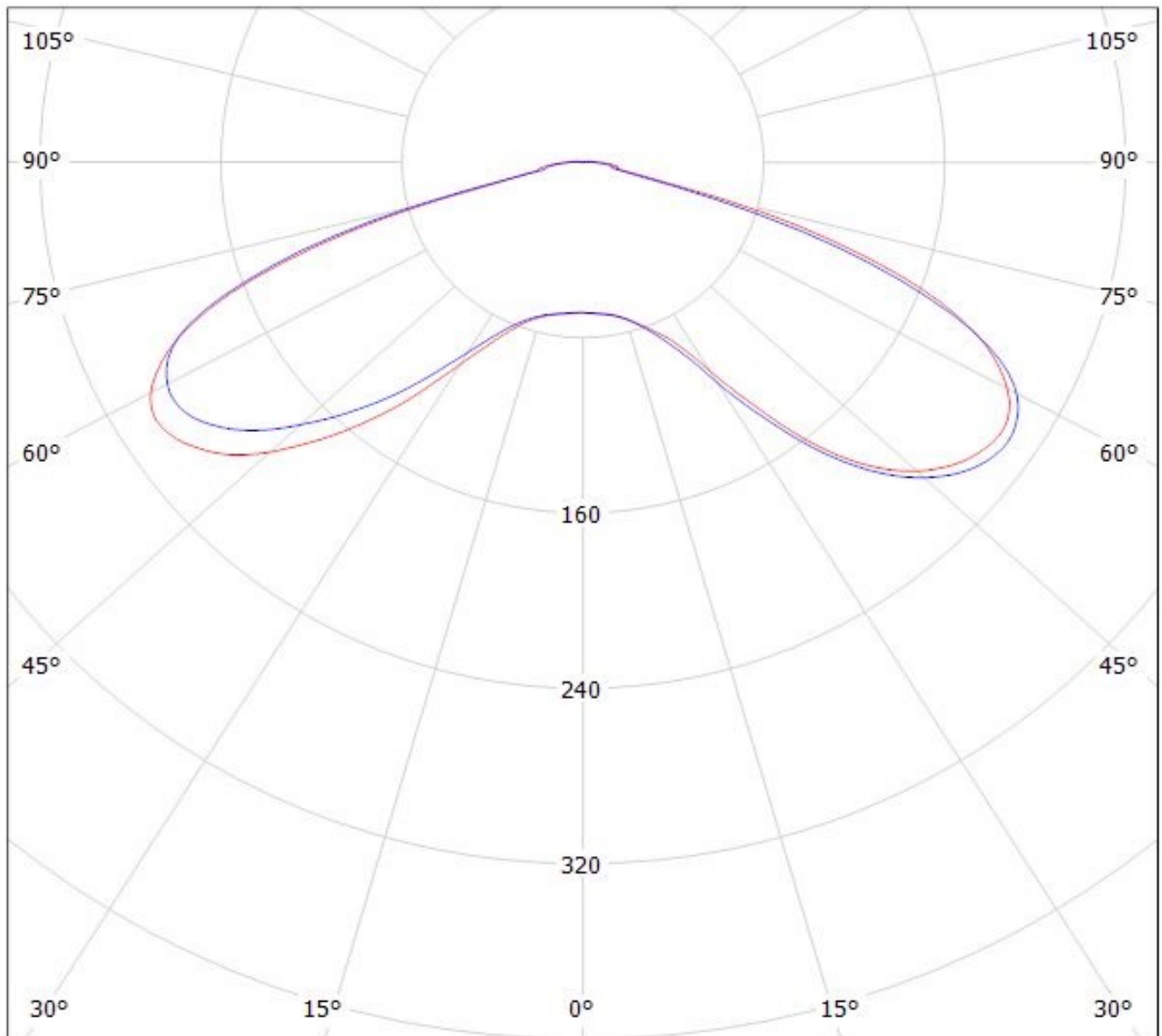
— C0 - C180

— C90 - C270

$\eta = 97\%$

Luminaire: LEDiL Oy C14680_STRADA-2X2-VSM_(Luxeon_5050)

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



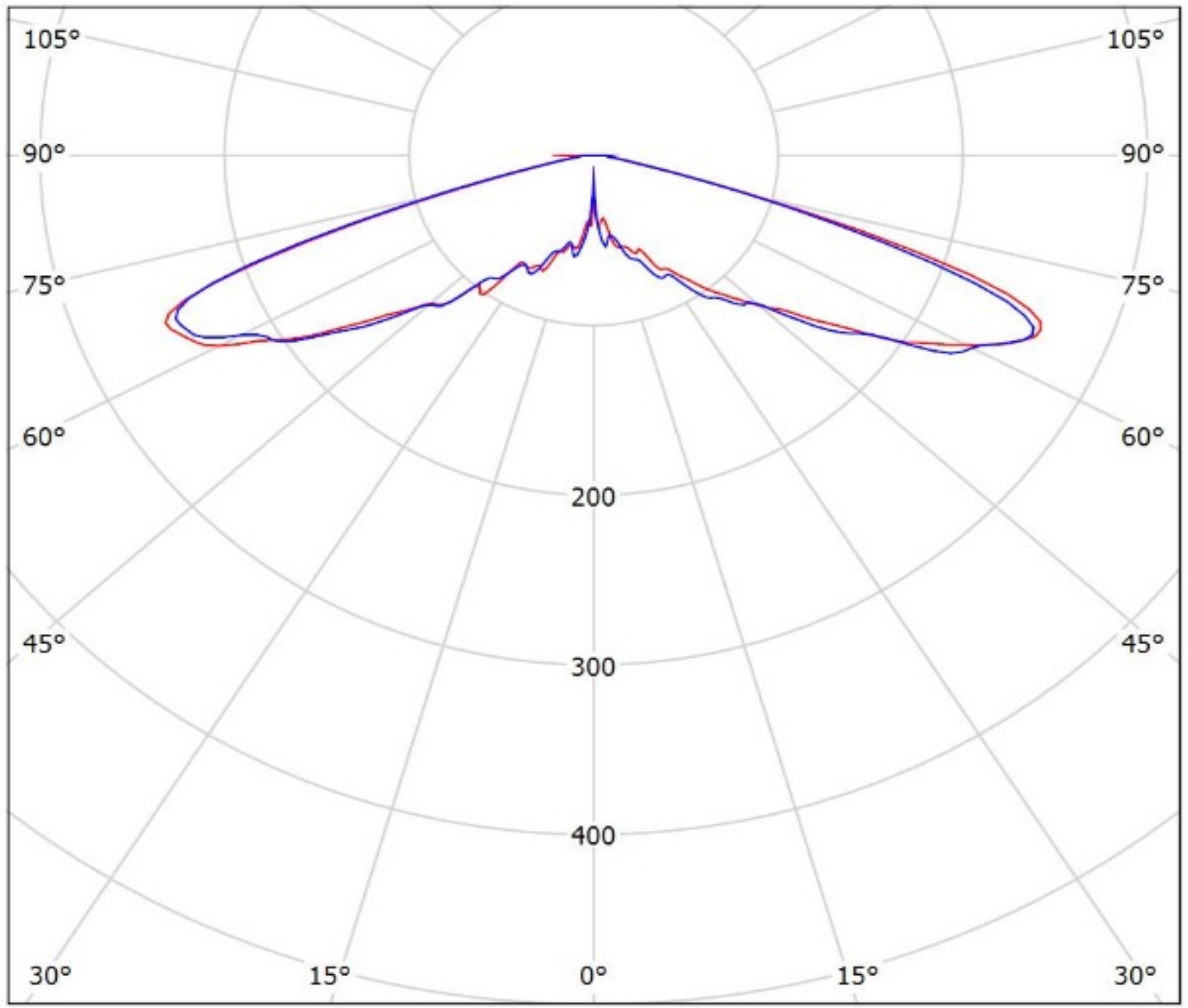
cd/klm

— C0 - C180

— C90 - C270

$\eta = 94\%$

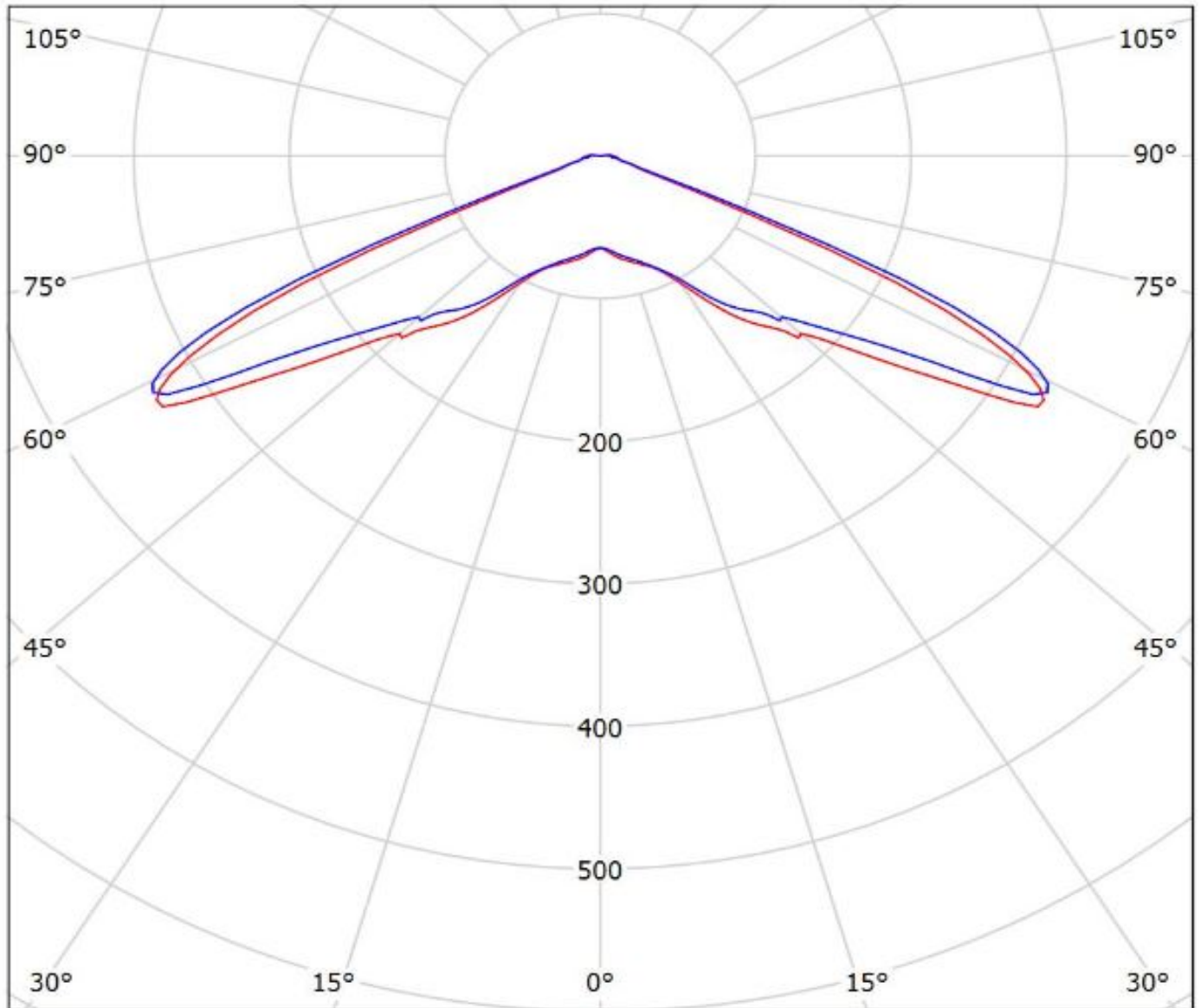
Luminaire: Ledil Oy C14680_STRADA-2X2-VSM_Nichia_NVsxx19C_SIMULATED
Lamps: 1 x NICHIA NVSxx19C



cd/klm
— C0 - C180 — C90 - C270

$\eta = 92\%$

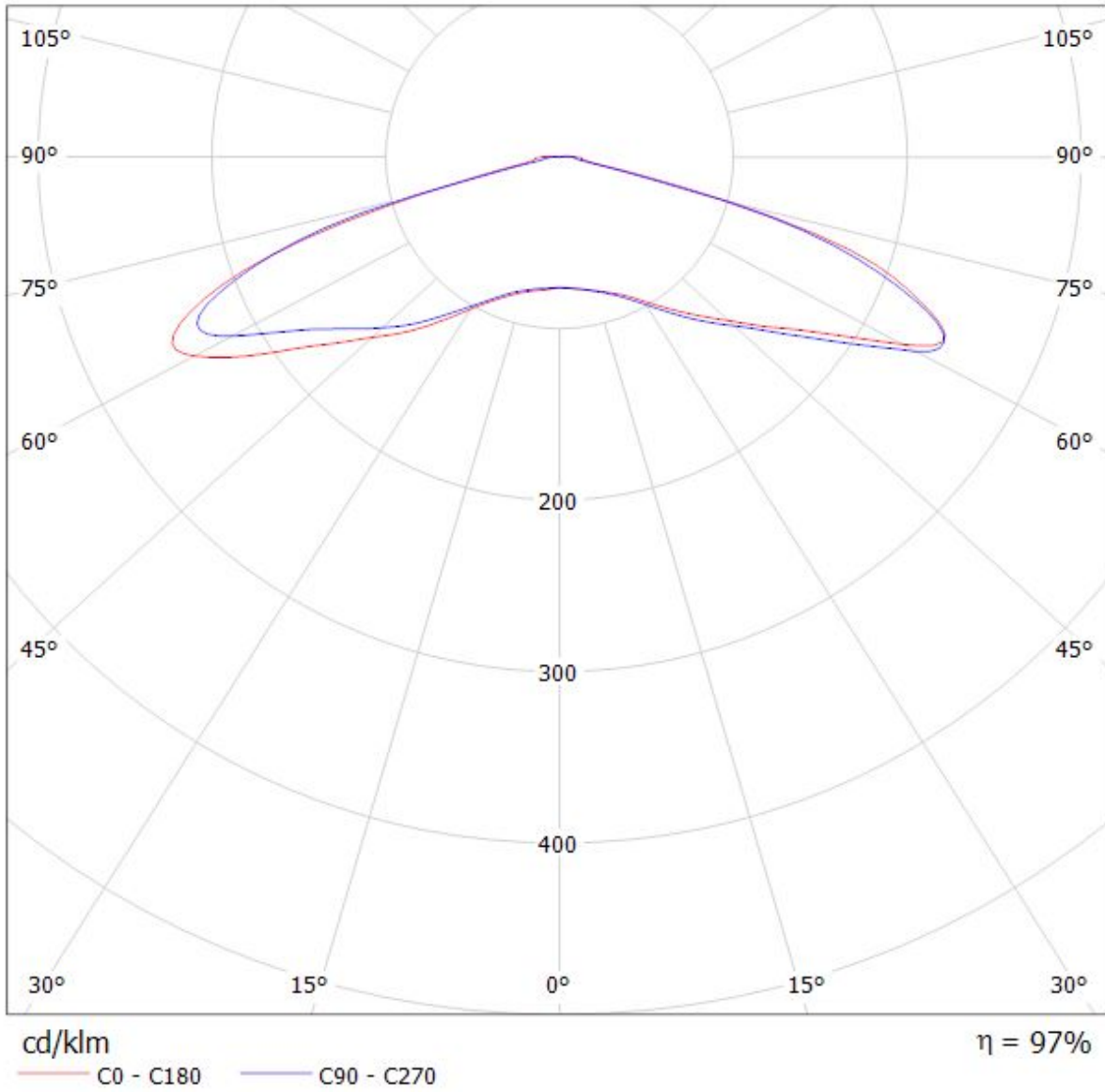
Luminaire: LEDiL Oy C14680_STRADA-2X2-VSM_(E21A)
Lamps: 1 x Nichia_E21A_452.248lm@250mA_2.805W_I=0.250A



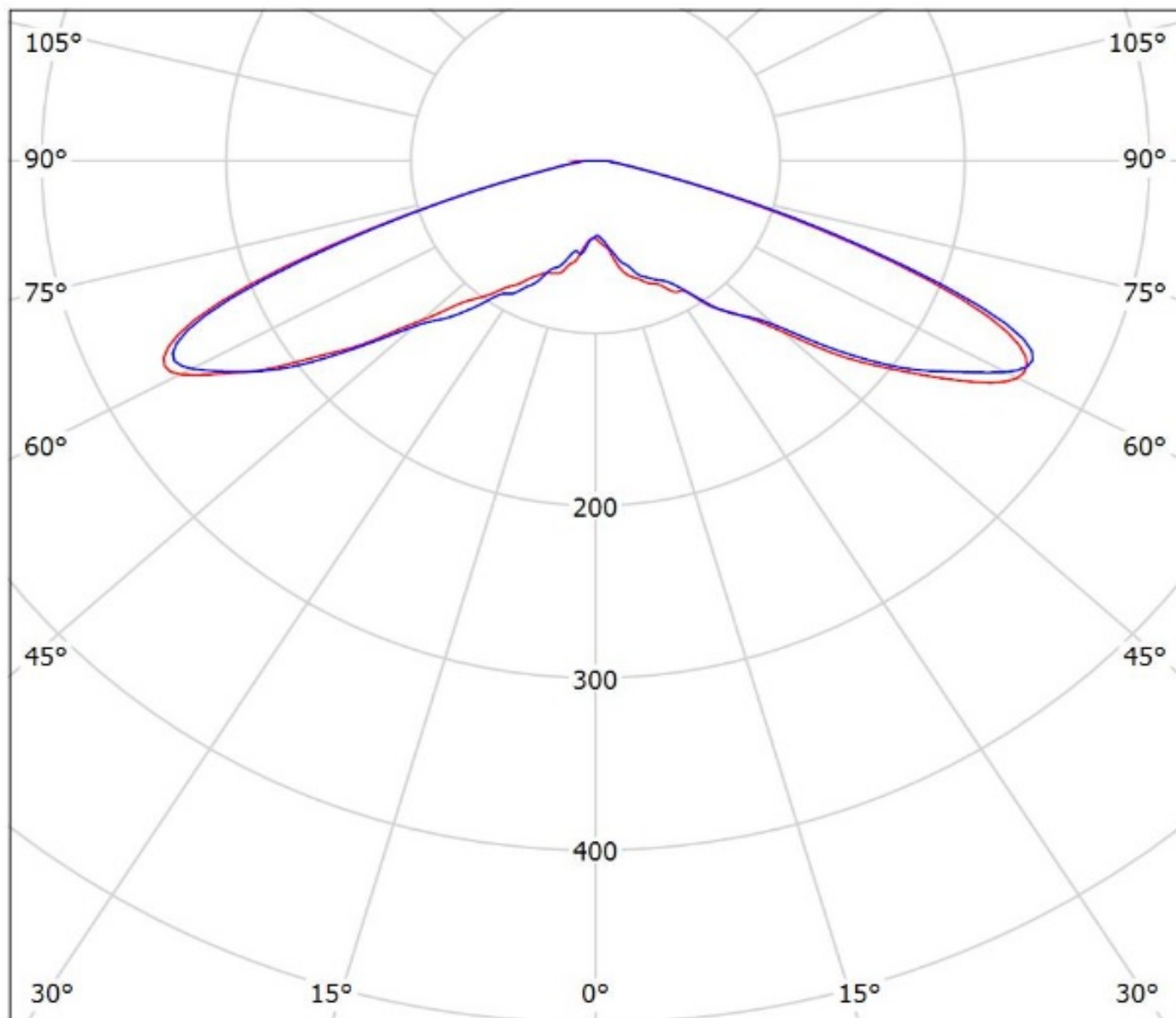
cd/klm
— C0 - C180 — C90 - C270

$\eta = 98\%$

Luminaire: LEDiL Oy C14680_STRADA-2X2-VSM_(NVSW319AE)
Lamps: 1 x Nichia_NVSW319AE_499.093lm@250mA_P=2.79052W_I=0.25A



Luminaire: Ledil Oy C14680_STRADA-2X2-VSM_(Duris_P8)_SIMULATED
Lamps: 1 x Osram Duris P8

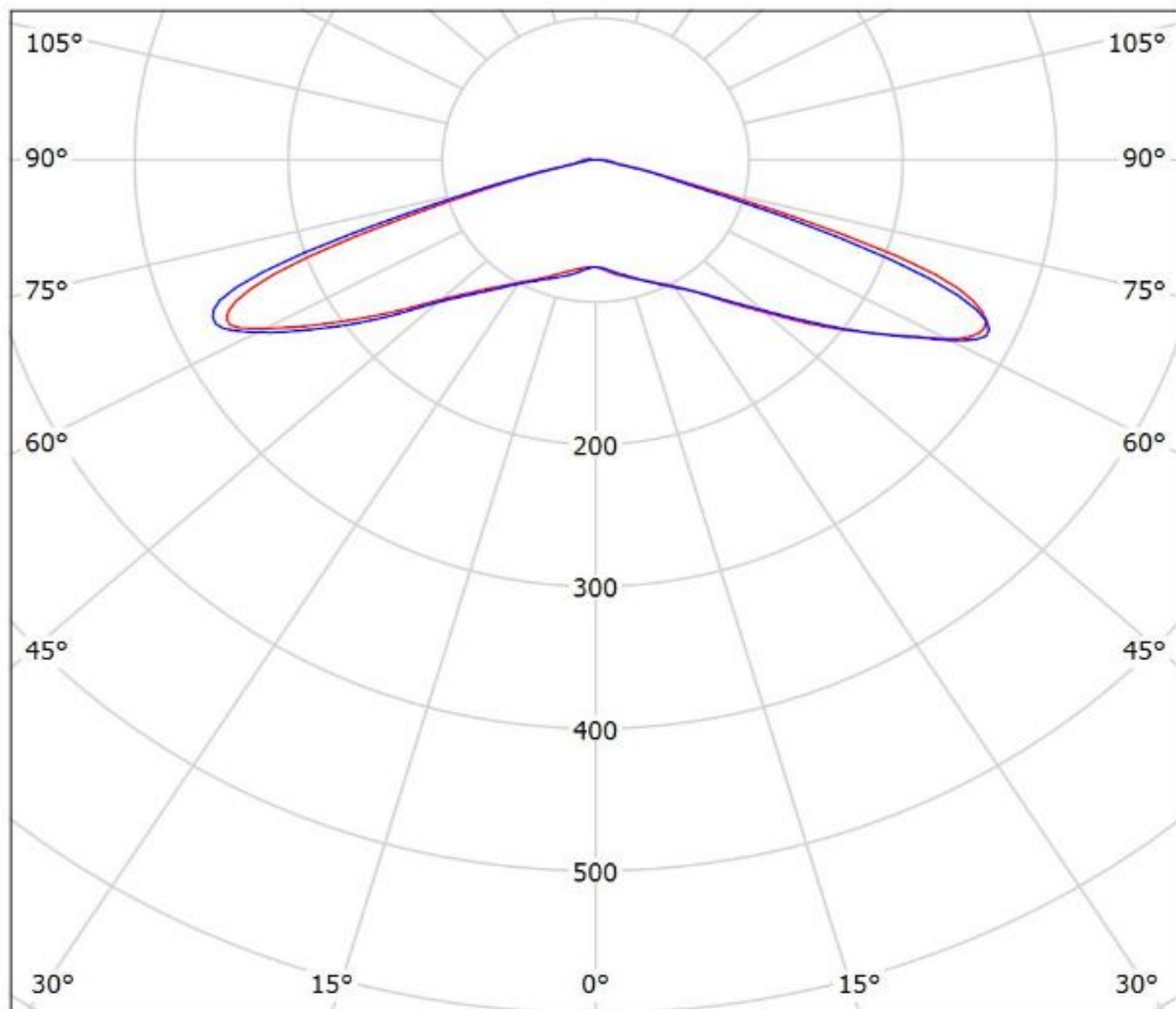


cd/klm

— C0 - C180 — C90 - C270

$\eta = 93\%$

Luminaire: Ledil C14680_STRADA-2X2-VSM_(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

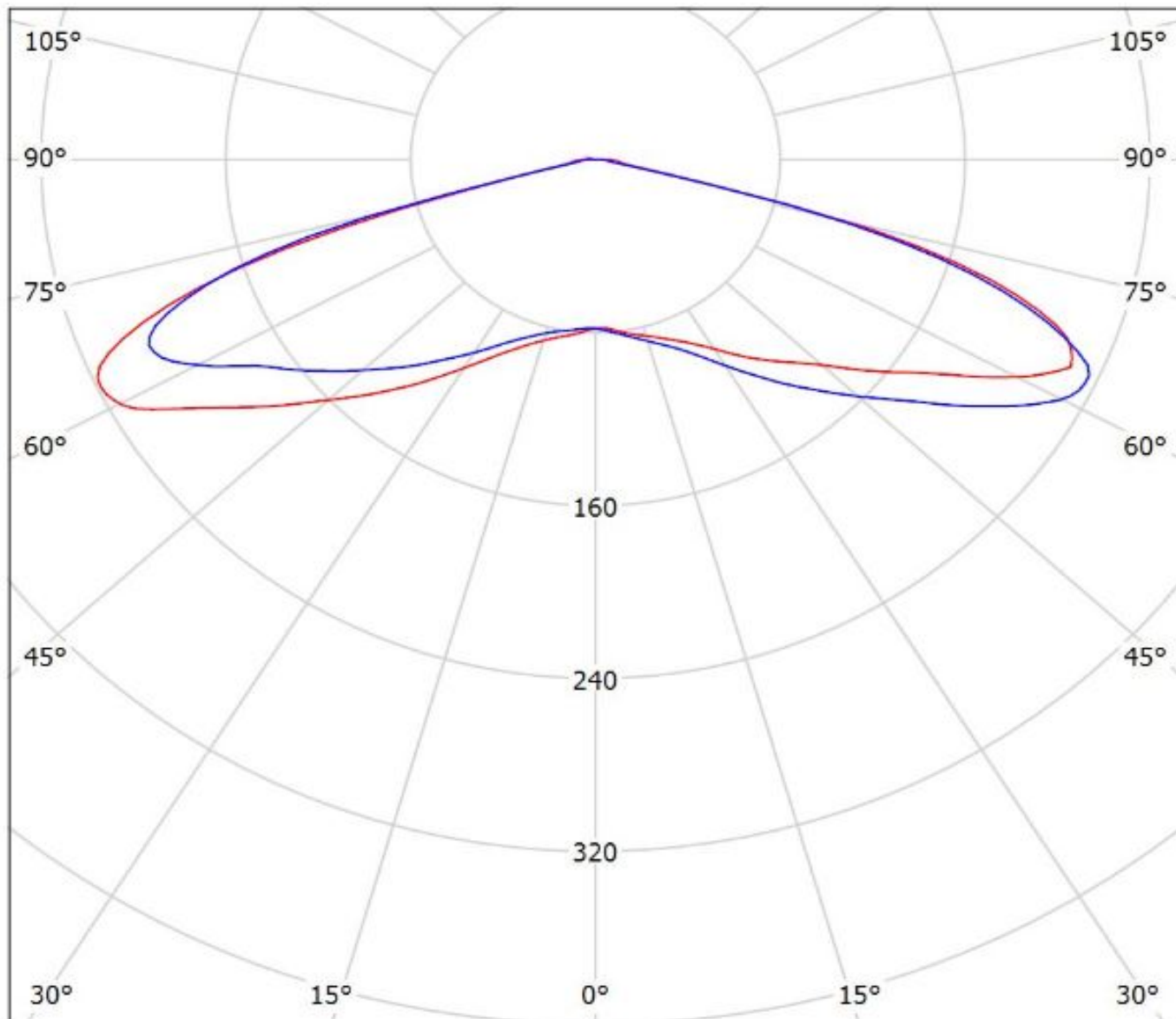


cd/klm
— C0 - C180 — C90 - C270

$\eta = 98\%$

Luminaire: Ledil C14680_STRADA-2X2-VSM_(LH351B)

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



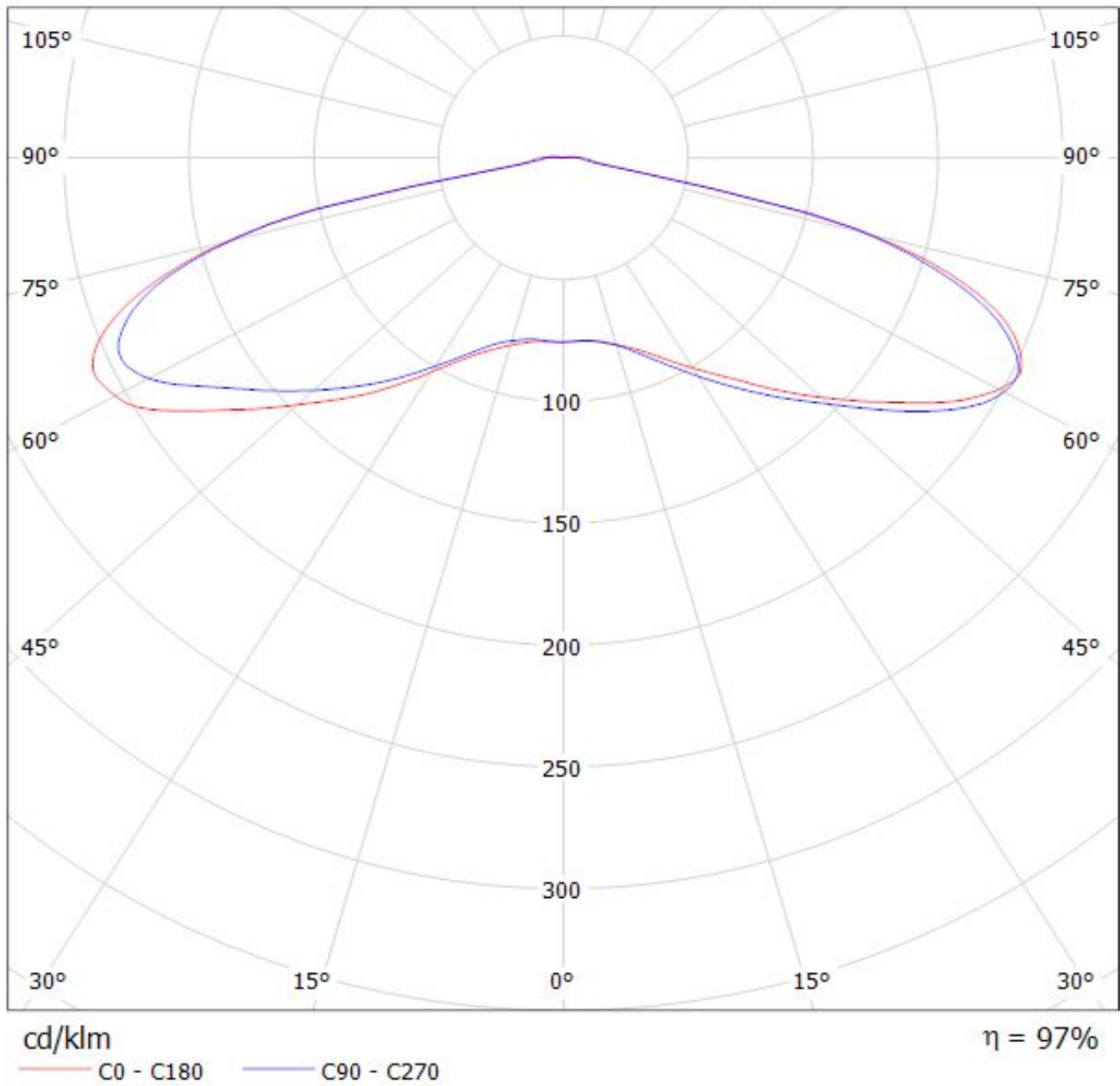
cd/klm

— C0 - C180 — C90 - C270

$\eta = 97\%$

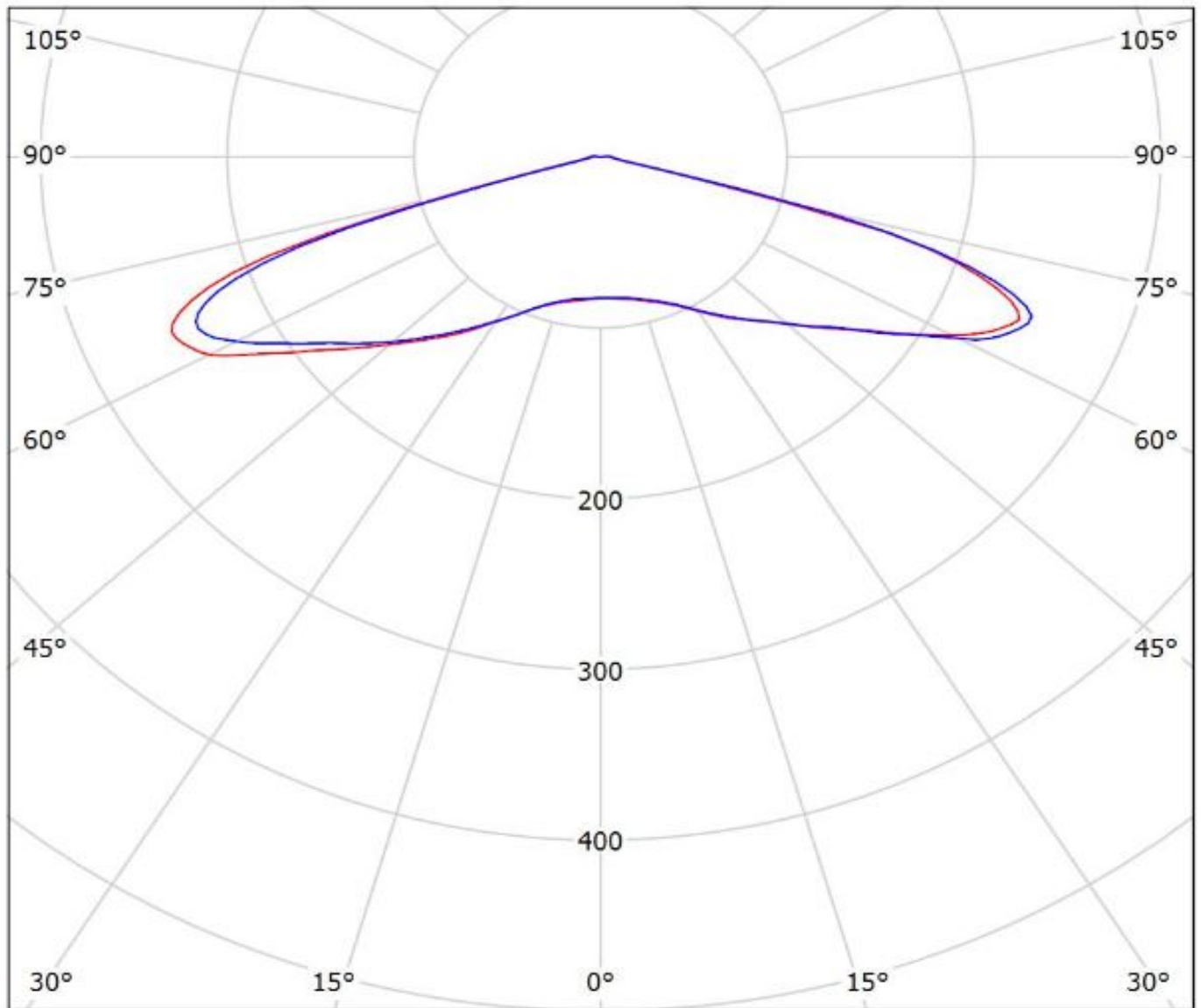
Luminaire: LEDiL Oy C14680_STRADA-2X2-VSM_(LH351D)

Lamps: 1 x Samsung_LH351D_524.264lm@250mA_P=2.7523W_I=0.250A



Luminaire: Ledil C14680_STRADA-2X2-VSM_(LH351C)

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



cd/klm

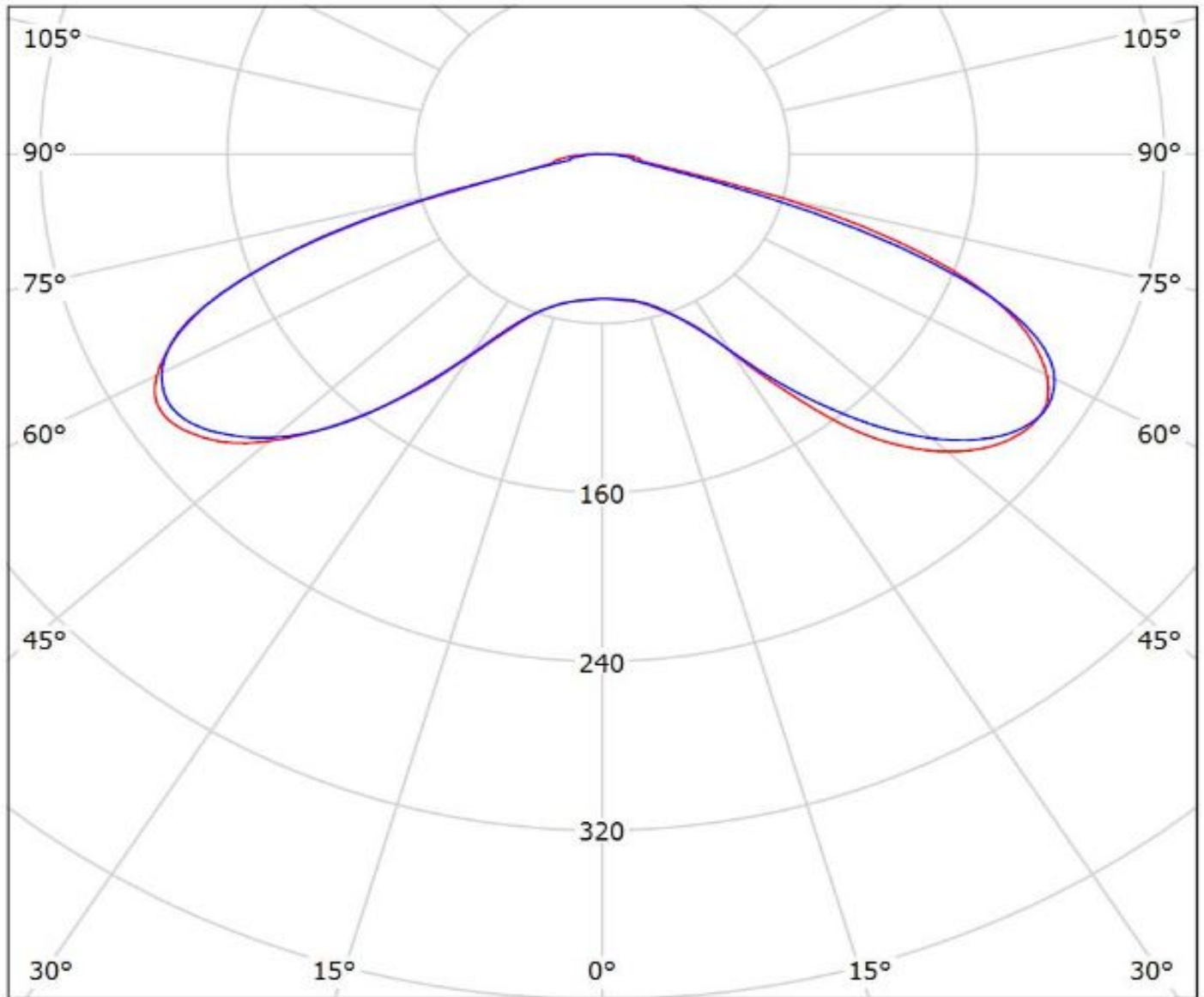
— C0 - C180

— C90 - C270

$\eta = 99\%$

Luminaire: Ledil C14680_STRADA-2X2-VSM_(LH508A)

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



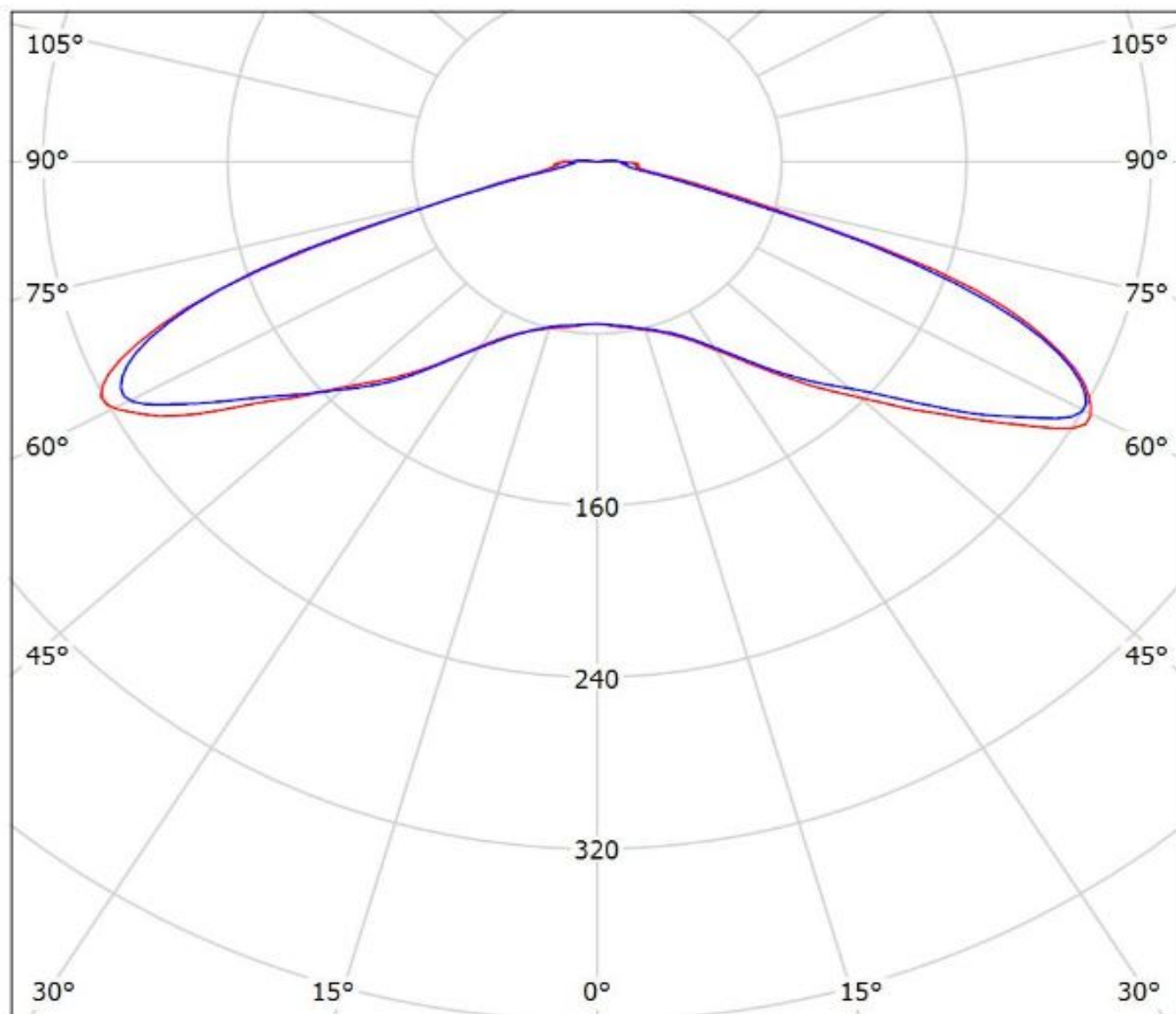
cd/klm

— C0 - C180 — C90 - C270

$\eta = 99\%$

Luminaire: Ledil C14680_STRADA-2X2-VSM_(Z8Y22plus)

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

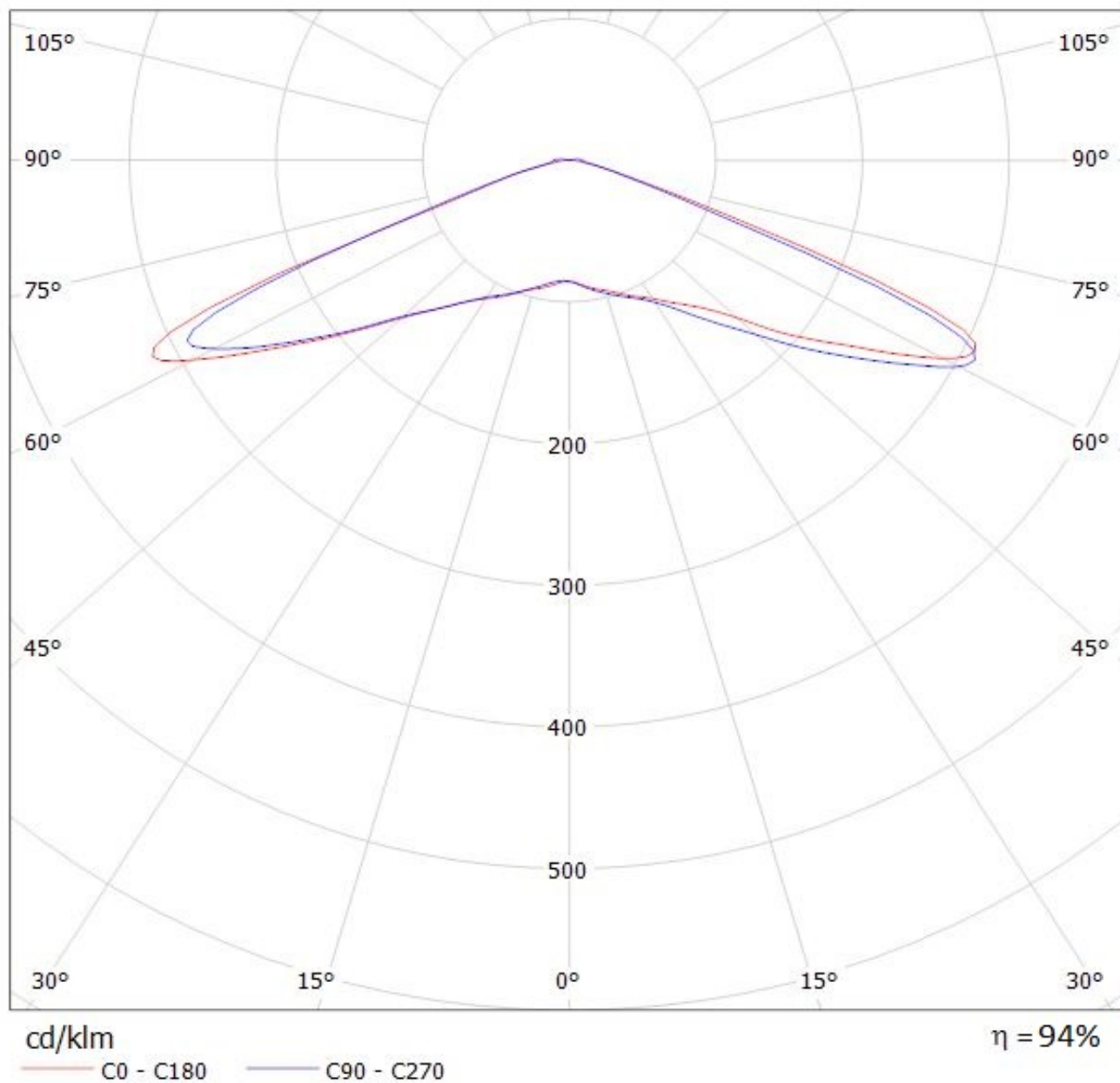


cd/klm

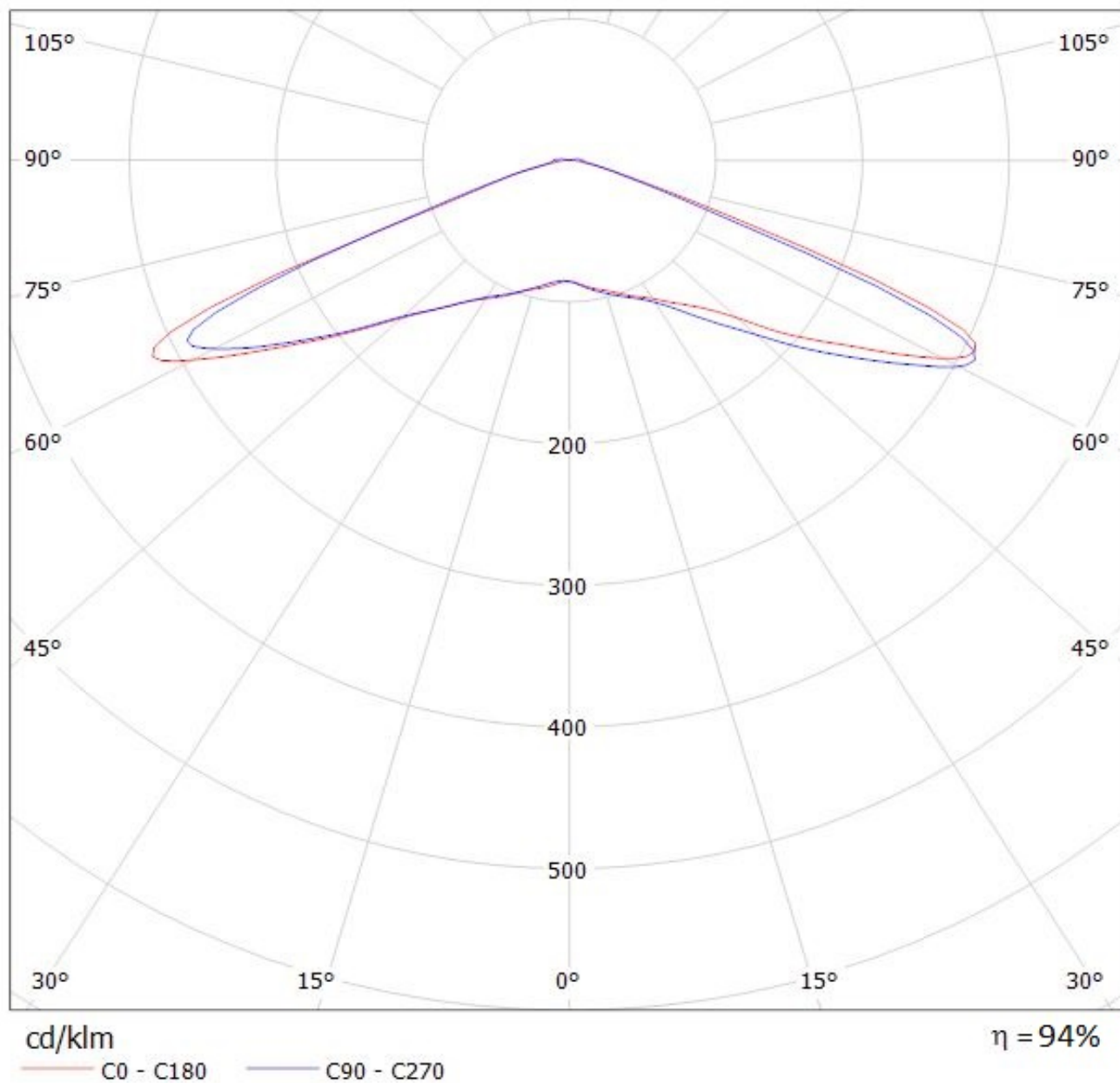
— C0 - C180 — C90 - C270

$\eta = 98\%$

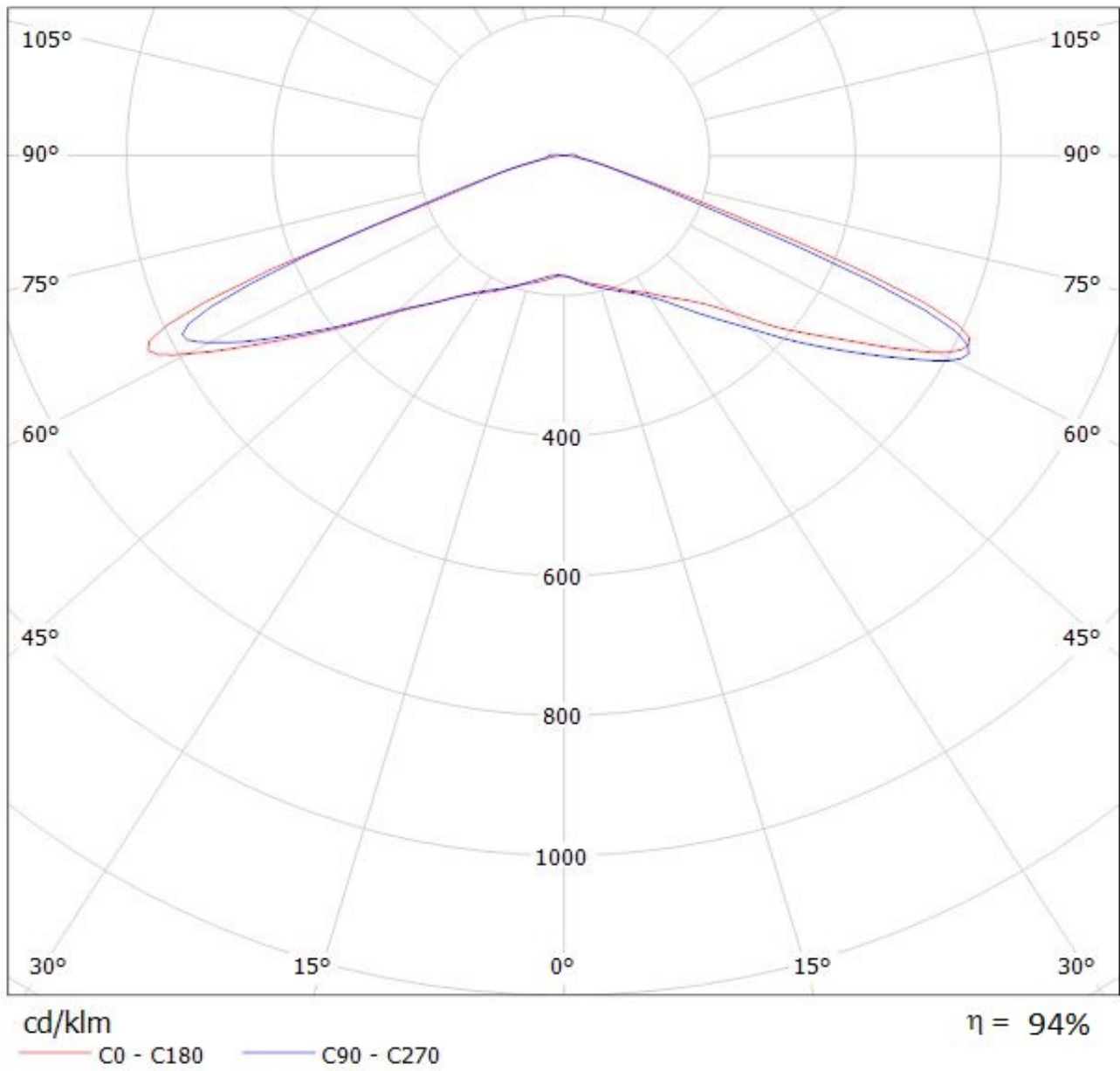
Luminaire: LEDiL Oy C14680_STRADA-2X2-VSM_(Tridonic_Module_RLE_G1)
Lamps: 1 x Tridonic_Module_RLE_G1_4594.42lm@700mA_P=32.1515W_I=0.700A



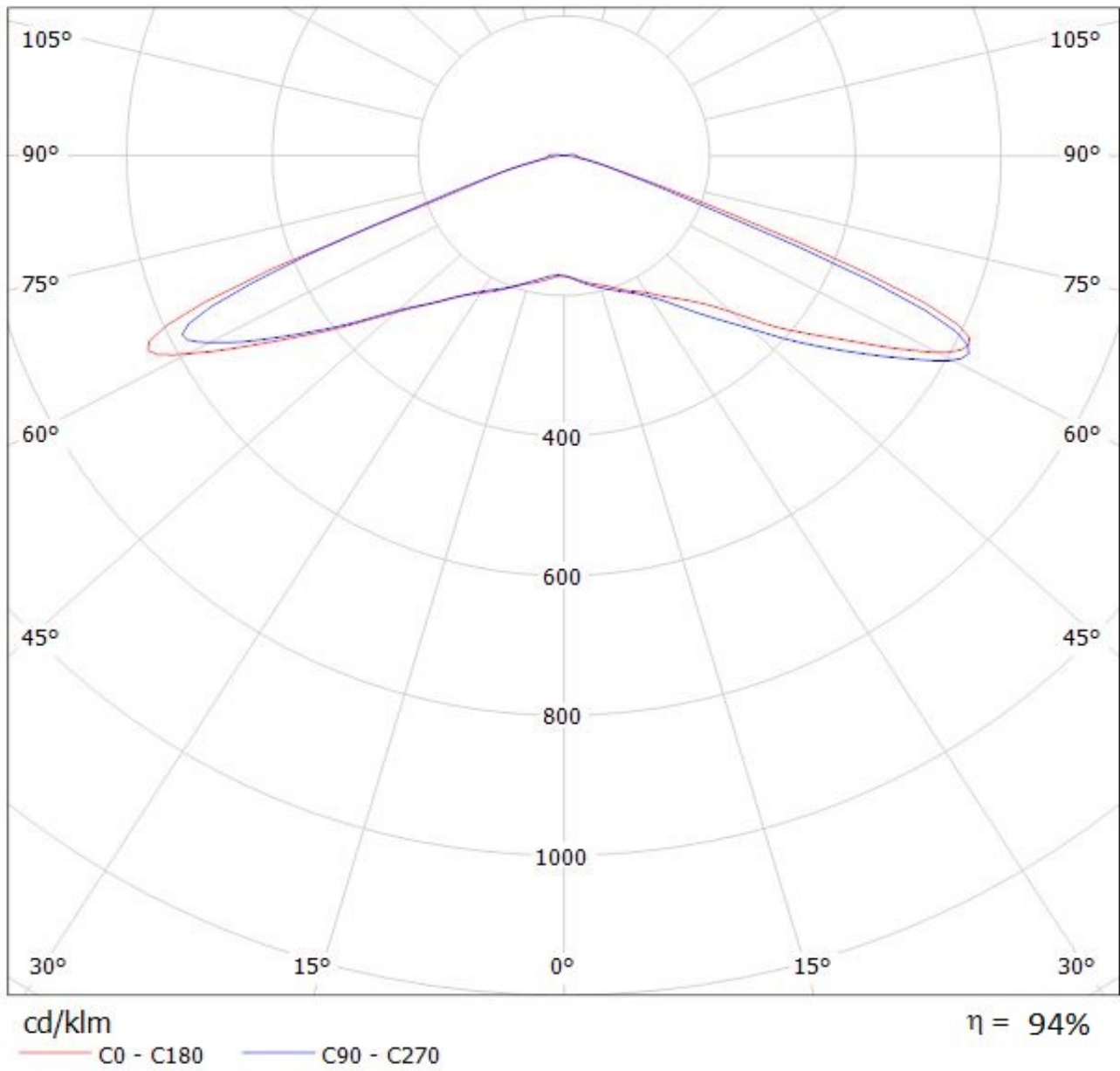
Luminaire: LEDiL Oy C14680_STRADA-2X2-VSM_(Tridonic_Module_RLE_G1)
Lamps: 1 x Tridonic_Module_RLE_G1_4594.42lm@700mA_P=32.1515W_I=0.700A



Luminaire: LEDiL Oy C14680_STRADA-2X2-VSM_(Tridonic_Module_RLE_G1)
Lamps: 1 x Tridonic_Module_RLE_G1_2288lm@700mA_P=16W_I=0.700A



Luminaire: LEDiL Oy C14680_STRADA-2X2-VSM_(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.