PRODUCT DATASHEET
Strada-Module series
last update 17/6/2016

DETAILS

Product Number	C14109_STRADA-2X2-NHS
Family	Strada-Module
Type	Lens array
Color	clear
Diameter	50x50 mm
Height	9,8 mm
Style	square
Optic Material	PMMA
Holder Material	
Fastening	screw, pin
Status	production ready
ROHS Comliant	Yes
Date Updated	17/06/2016

OPTICAL PROPERTIES

LED	Viewing Angle	Light Beam	Effi-ciency	cd/lm	Connector
XB-H	sim: Asymmetric	Streetligh...	sim: 91 %	sim: 0.750	-
XP-G3	Asymmetric deg	Streetligh...	94 %	0.660	-
XP-G2	Asymmetric deg	Streetligh...	94 %	0.800	-
LUXEON TX	Asymmetric deg	Streetligh...	94 %	0.810	-
NVSxx19A	sim: Asymmetric	Streetligh...	sim: 90 %	-	-
NVSxx19B/NVSxx19C	Asymmetric deg	Streetligh...	94 %	0.720	-
Oslon Square PC	asymmetric deg	Streetligh...	84 %	0.580	Undefined Manufacturer: Protective Plate, Glass
Oslon Square Gen3	Asymmetric deg	Streetligh...	94 %	0.770	-
Fortimo FastFlex LED board 2x8/740 DA Asy	Asymmetric deg	Streetligh...	94 %	0.720	-
LH351B	Asymmetric deg	Streetligh...	94 %	0.680	-
TL1L4	Asymmetric deg	Streetligh...	90 %	0.720	-
RLE G1 49x223mm 4000lm xxx EXC OTA	Asymmetric deg	Streetligh...	94 %	0.760	-
RLE G1 49x245mm 4000lm xxx EXC OTA	Asymmetric deg	Streetligh...	94 %	0.760	-
RLE G1 49x121mm 2000lm xxx EXC OTA	Asymmetric deg	Streetligh...	94 %	0.760	-
RLE G1 49x133mm 2000lm xxx EXC OTA	Asymmetric deg	Streetligh...	94 %	0.760	-

Ledil Oy
Salorankatu 10
24240 SALO, Finland

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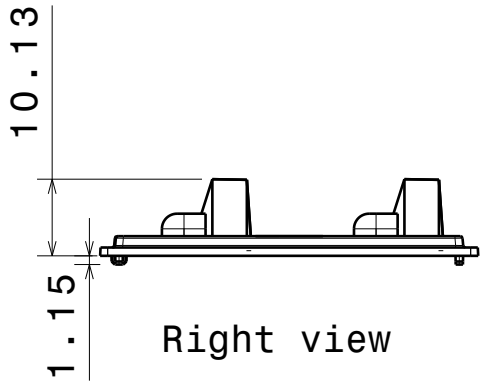
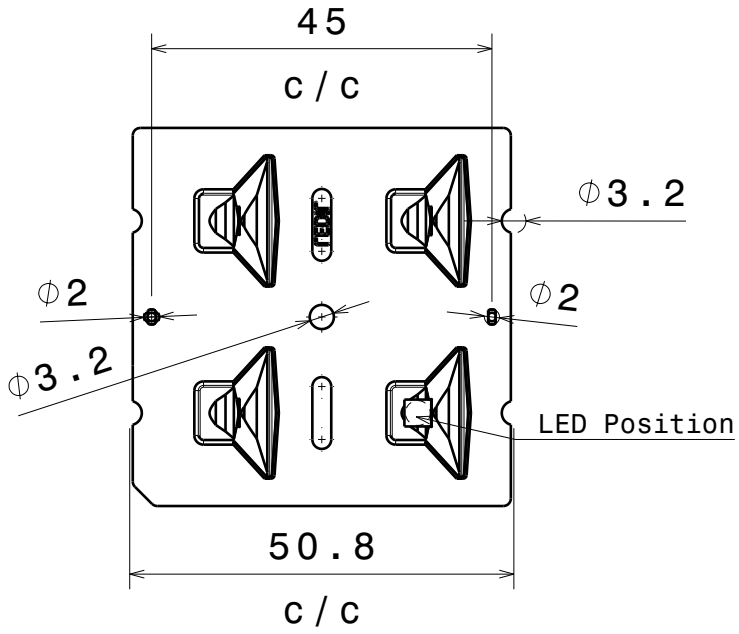
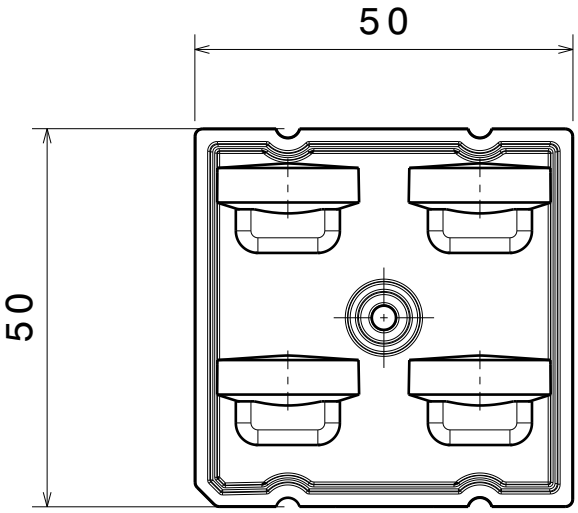
email: ledil@ledil.com
FAX: +358-2-733 8001



Right view



Bottom View



Front view

INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	C14109	STRADA-2X2-NHS	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 Oy
Salorankatu 10
FIN 24240 SALO
Finland

THIRD ANGLE PROJECTION:

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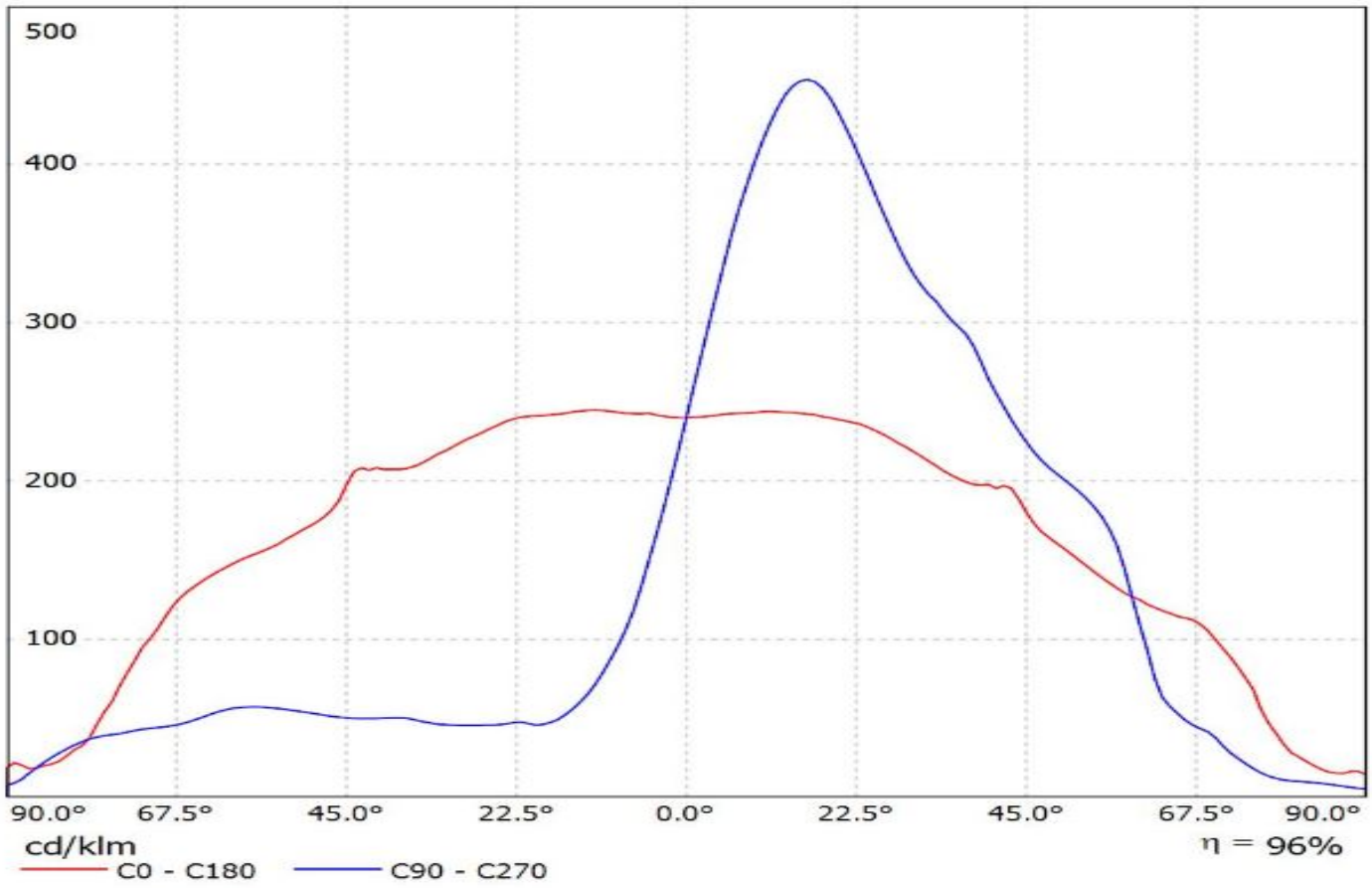
DRAWING TITLE

C14109_STRADA-2X2-NHS

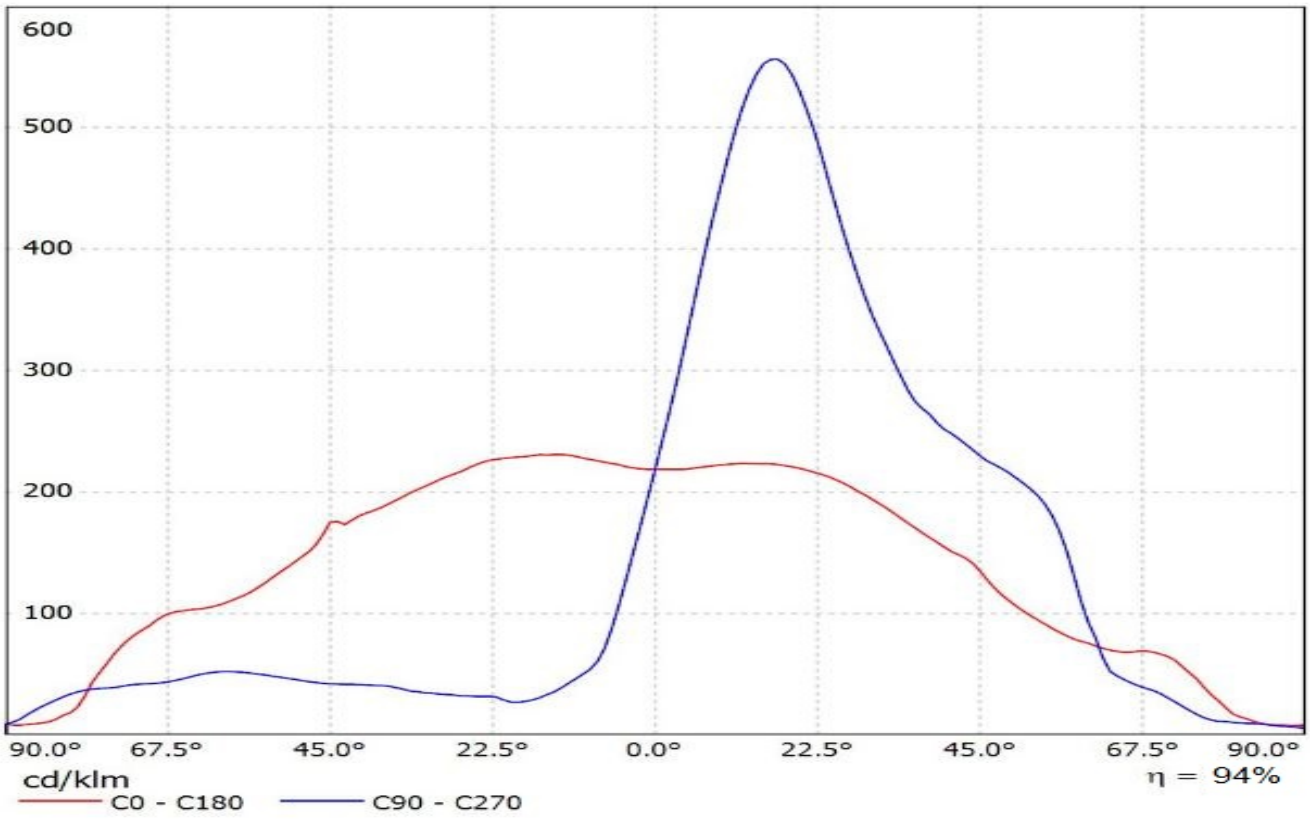
SIZE	PART NUMBER
A4	C14109

SCALE	WEIGHT		SHEET
1:1	7,12 g		1/1

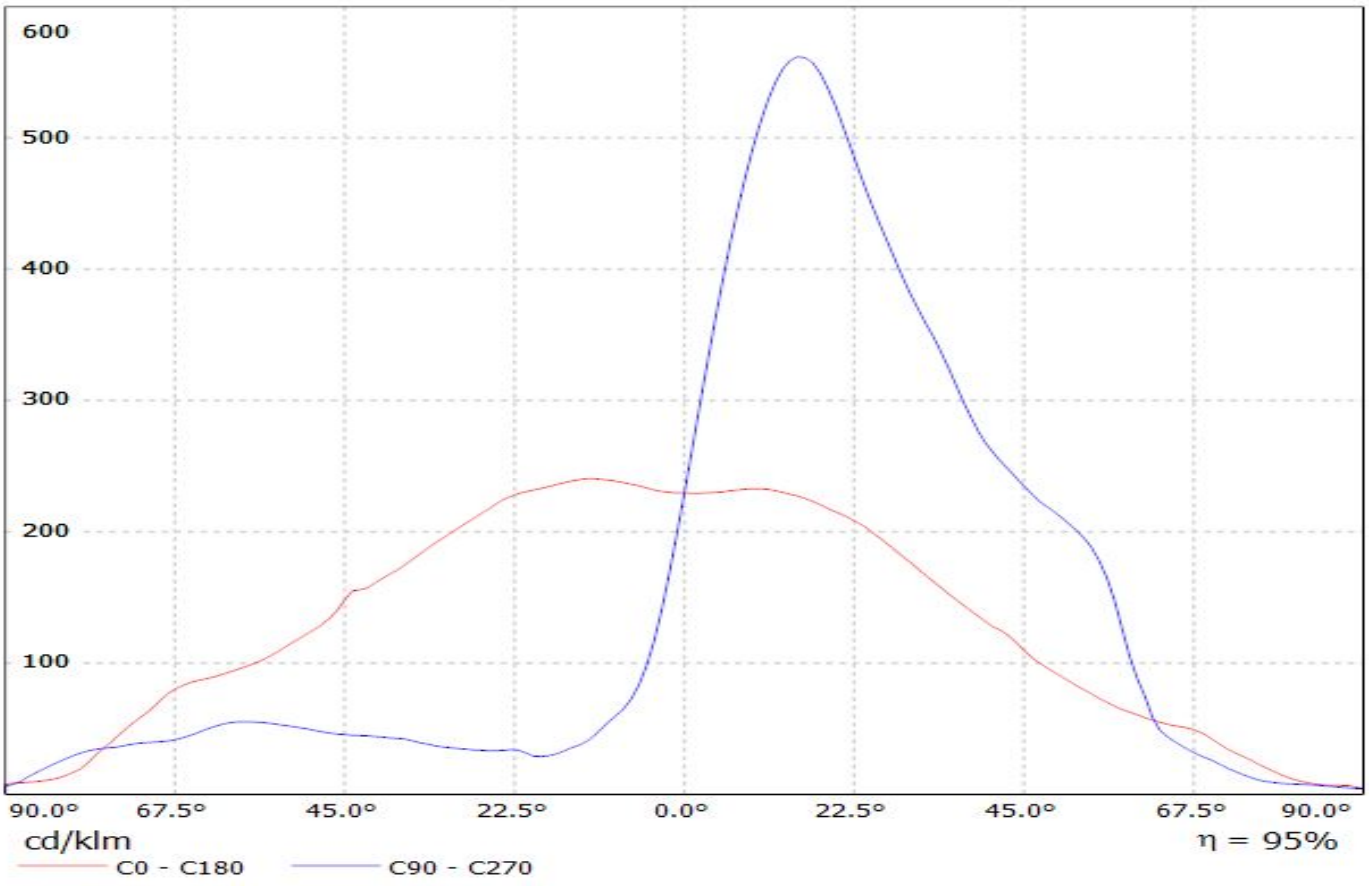
Luminaire: Ledil C14109_STRADA-2x2-NHS_(XP-G3)
Lamps: 1 x Cree_XP-G3_2x2_(XPGDWT-B1-3C0-S4-0-01)_516.459lm@250mA_P=2.7885W_I=0.25A



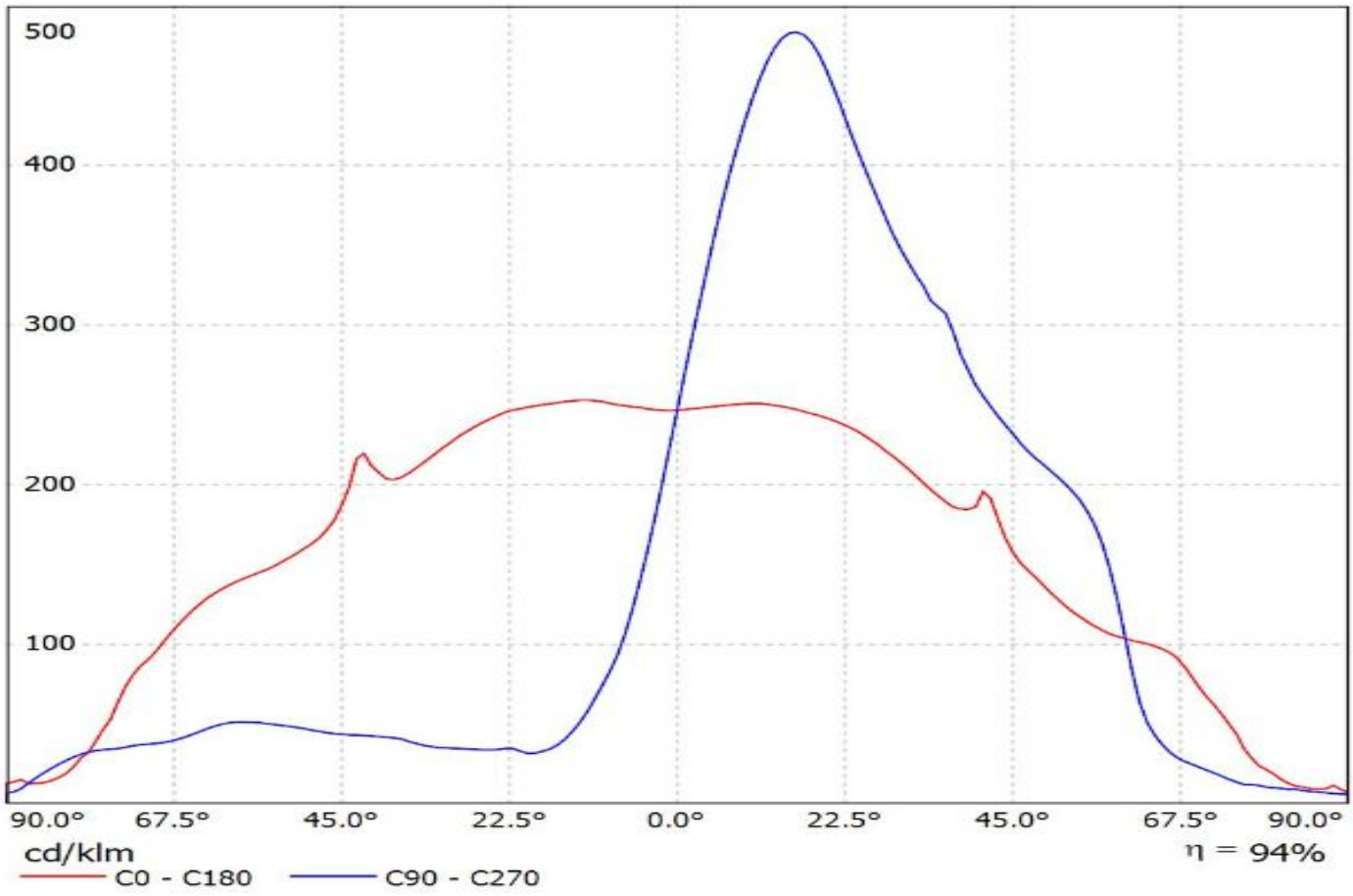
Luminaire: Ledil C14109_STRADA-2X2-NHS_(XP-G2)
Lamps: 1 x Cree_XP-G2_2x2_(XPGBWT-L1-000-00-G51)_421.786lm@250mA_P=2.9665W_I=0.250A



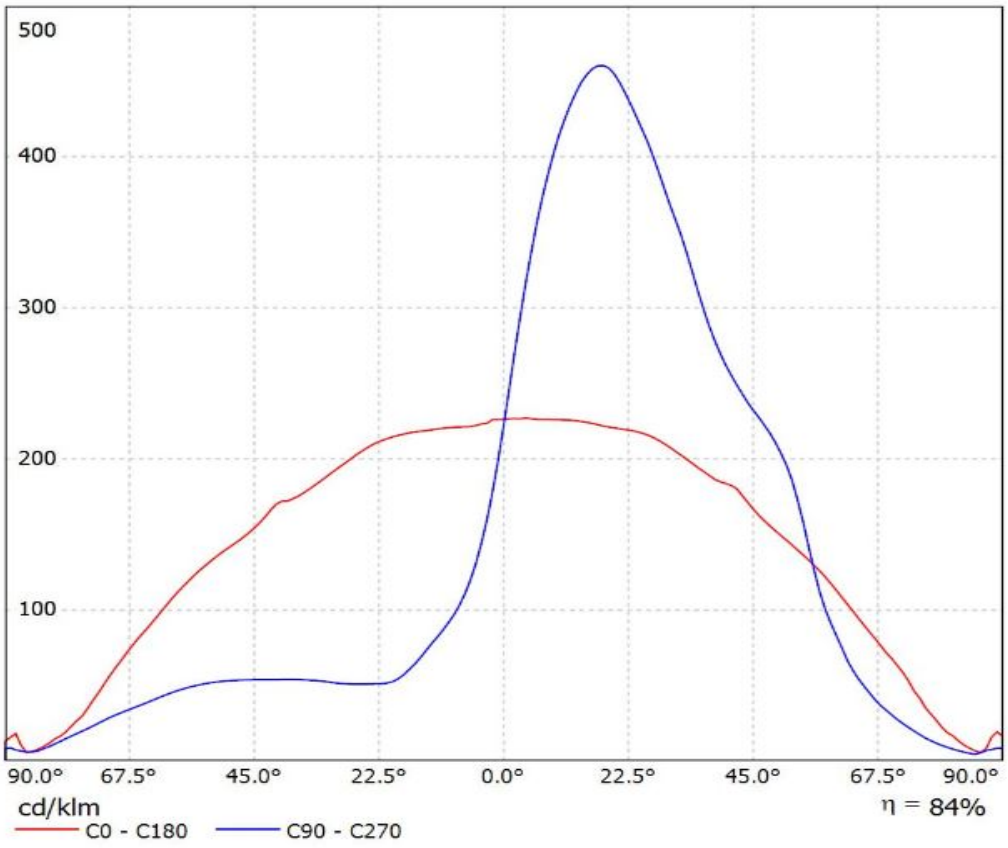
Luminaire: LEDiL Oy C14109_STRADA-2X2-NHS_(Luxeon_TX)
Lamps: 1 x Luxeon_TX_(L1T2-3585)_318.556lm@250mA_P=2.78827W_I=0.250A



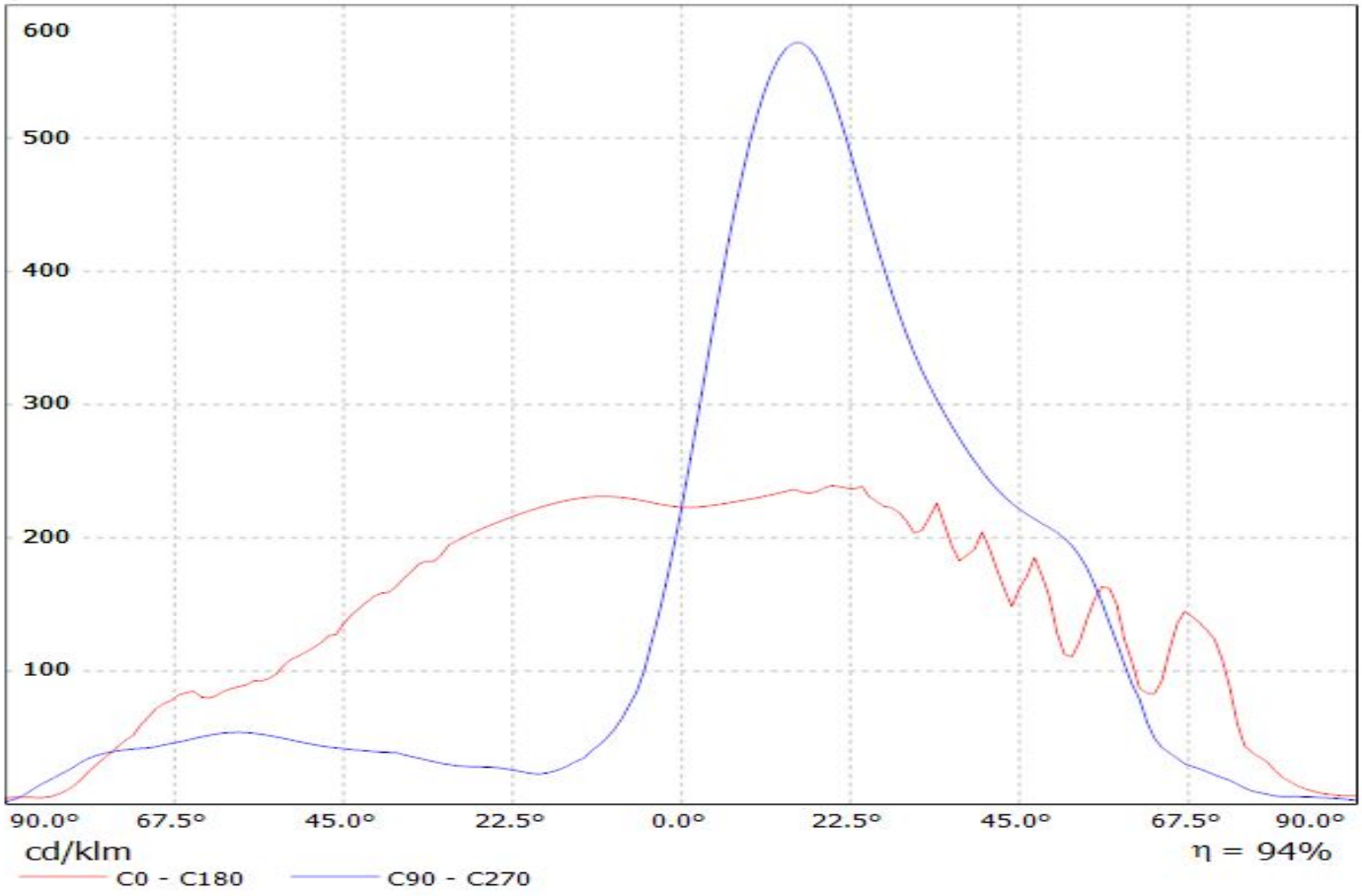
Luminaire: Ledil C14109_STRADA-2x2-NHS_(NVSL219CE)
Lamps: 1 x Nichia_NVSL219CE_496.405lm@250mA_CCT=4000K_P=2.8465W_I=0.25A



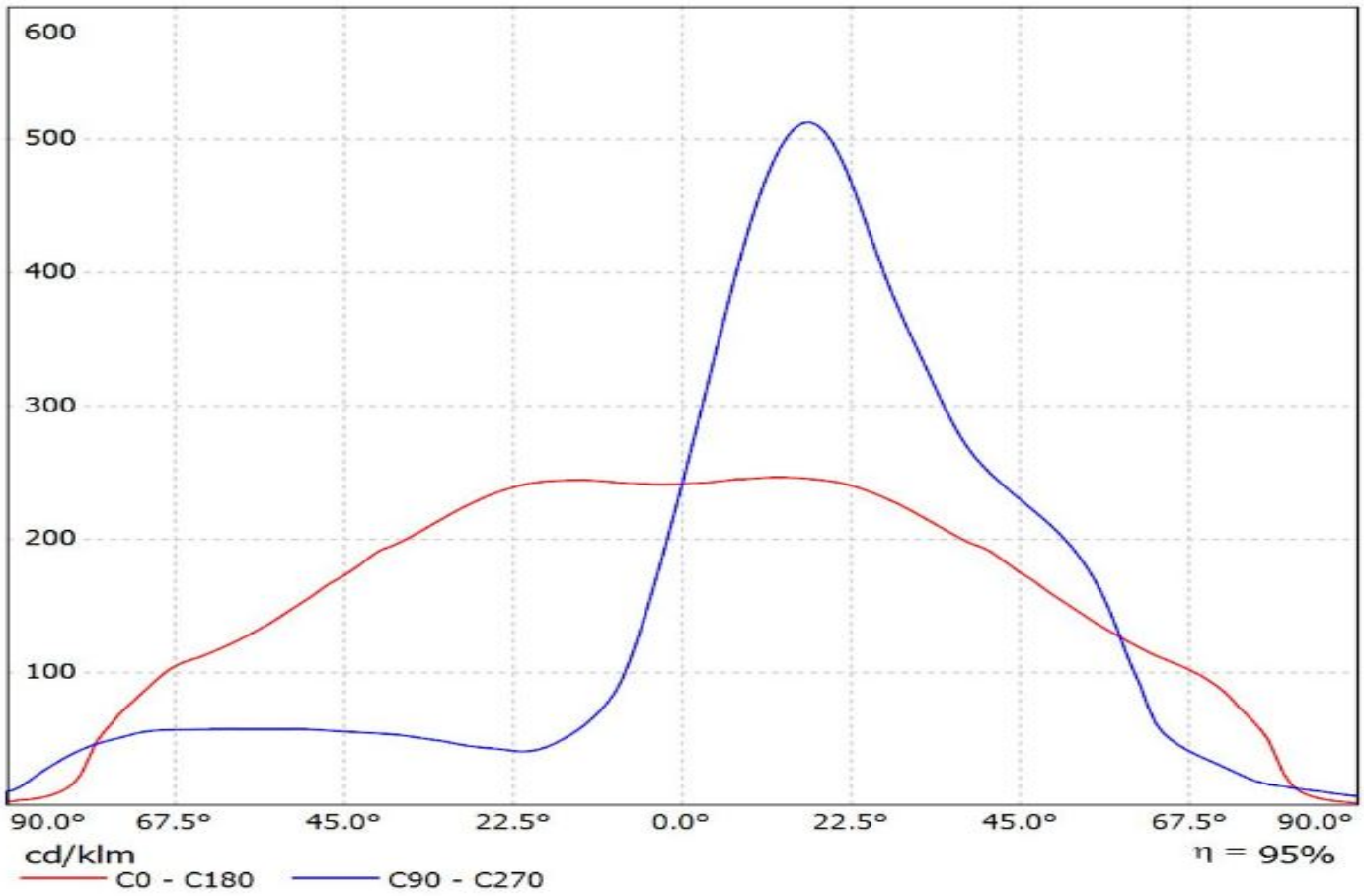
Luminaire: LEDiL Oy C14109_STRADA-2X2-NHS_(SQ-PC)_2_glass
Lamps: 1 x OSRAM_OSLON_SQUARE_PC_2x2_(LCW_CQAR.PC-MSMU-5H71-1)_409.881lm@250mA_CCT=5960K_P=2.86036W_I=249.9mA



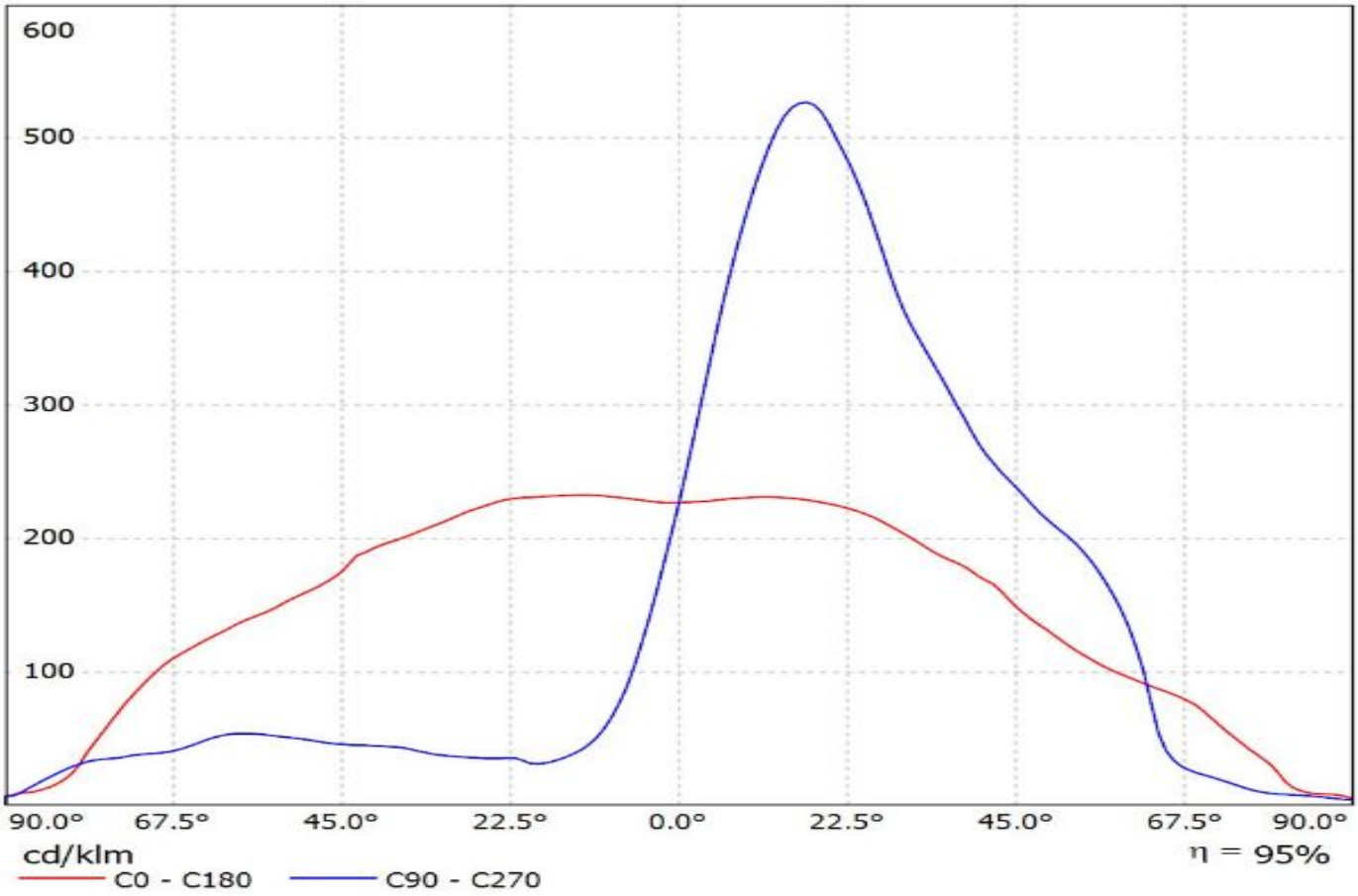
Luminaire: LEDiL Oy
Lamps: 1 x C14109_STRADA-2X2-NHS_(SQ_Gen3)



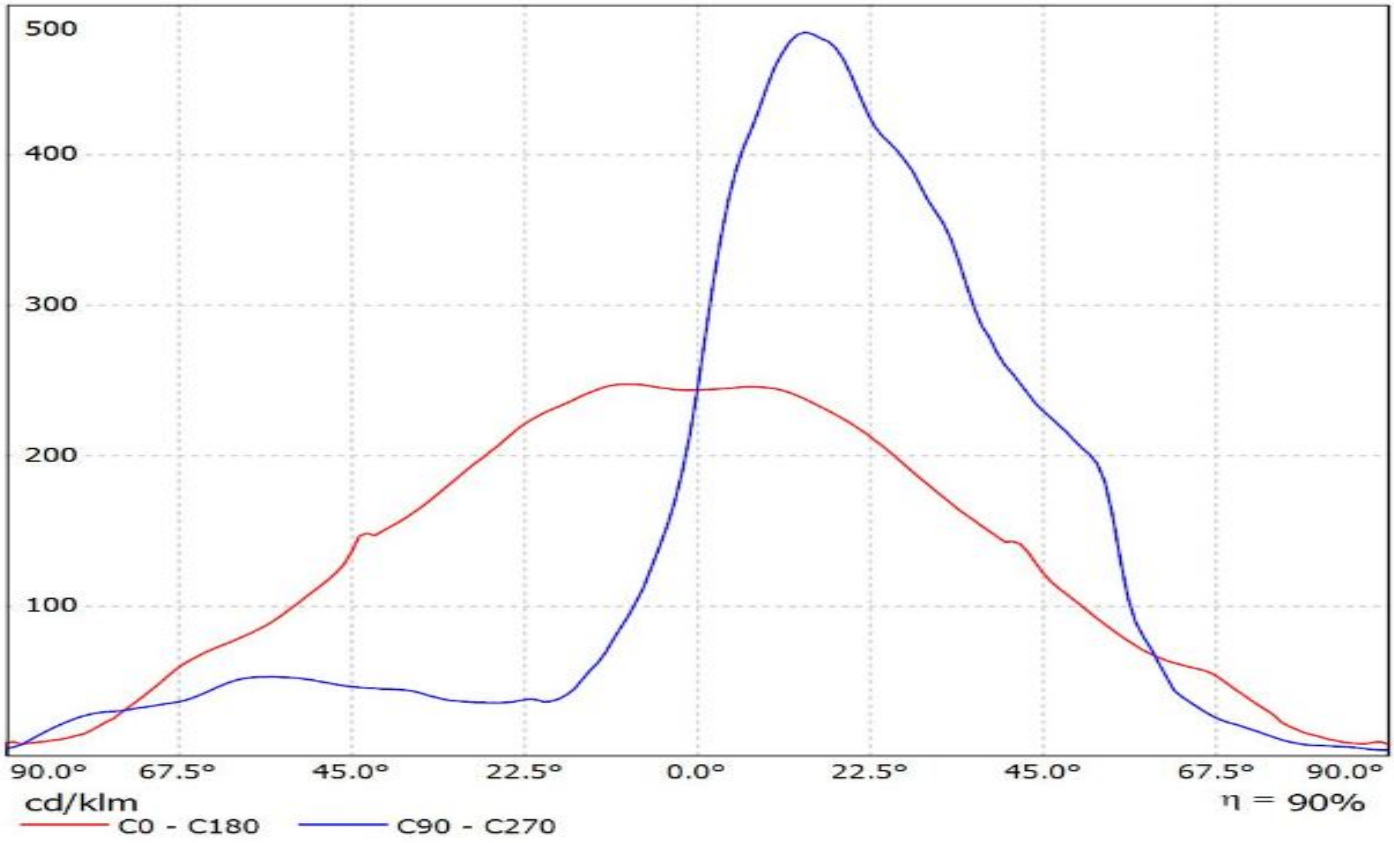
Luminaire: Ledil C14109_STRADA-2X2-NHS_(Fortimo_FastFlex_LED_board_2x8/740_DA_G3)
Lamps: 1 x Fortimo_FastFlex_LED_board_2x8/740_DA_G3_1828.23lm@250mA_P=11.667W_I=0.25A



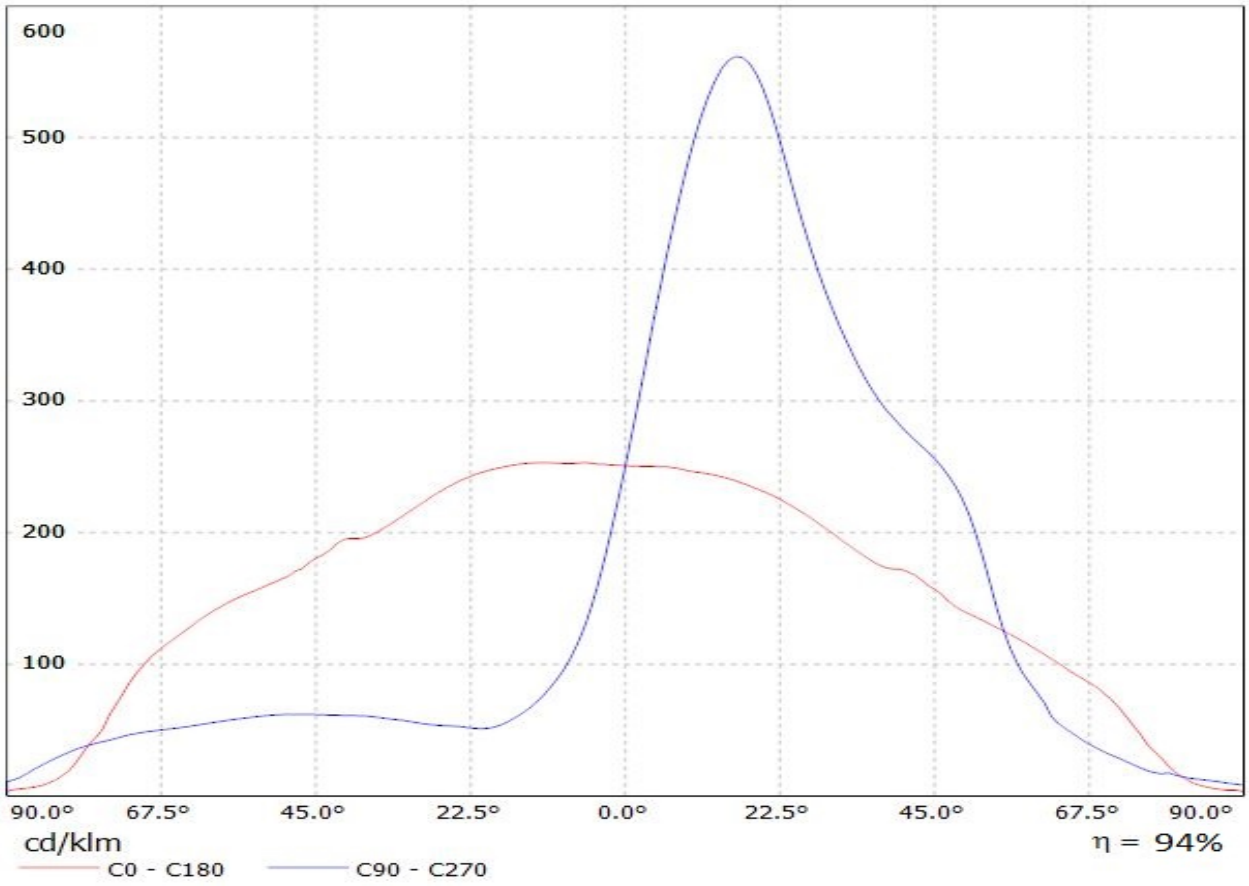
Luminaire: Ledil C14109_STRADA-2X2-NHS_(LH351B)
Lamps: 1 x Samsung_LH351B_2x2_444.178lm@250mA_P=2.8535W_I=0.25A



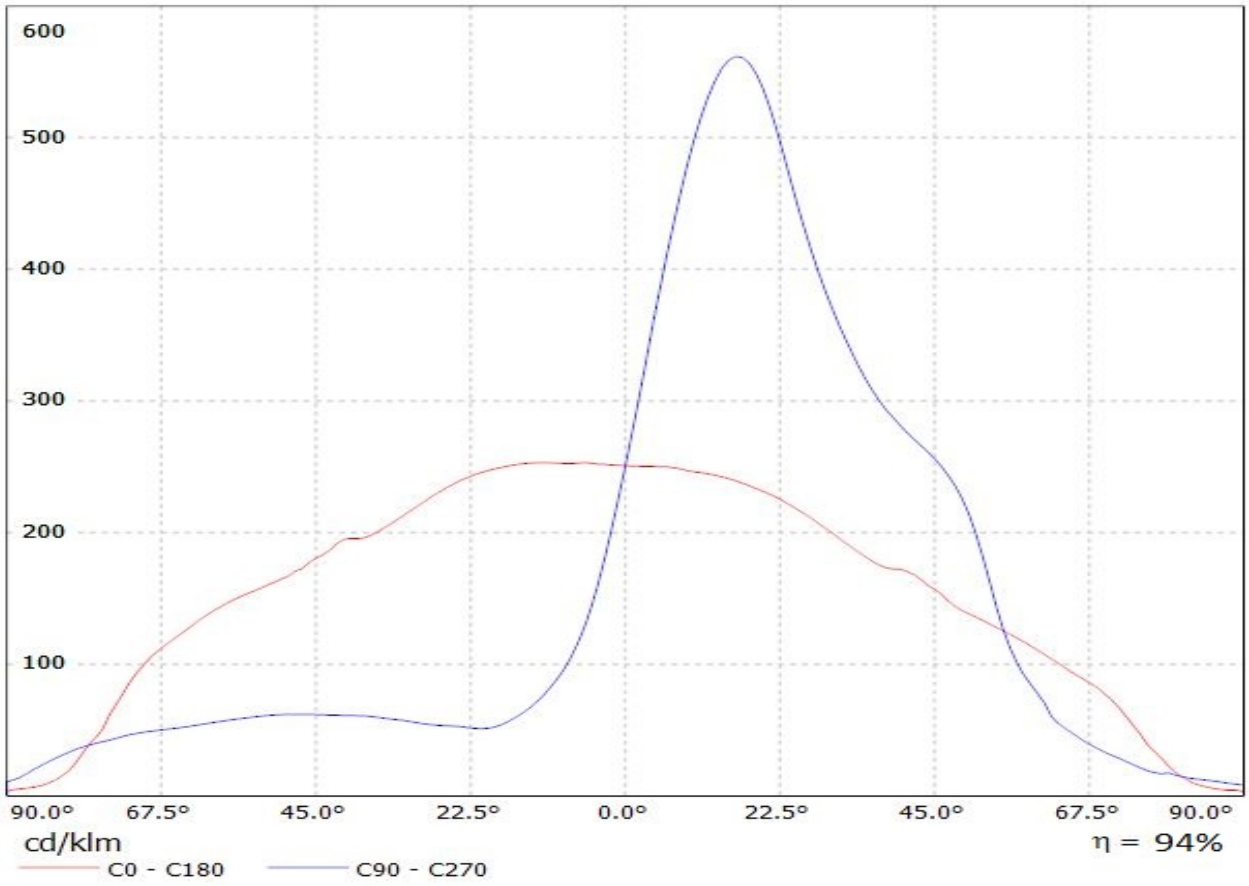
Luminaire: Ledil C14109_STRADA-2X2-NHS_(TL1L4)
Lamps: 1 x Toshiba_TL1L4_2x2_(TL1L4-DW0)_472.639lm@250mA_CCT=6500K_P=2.9W_I=0.25A



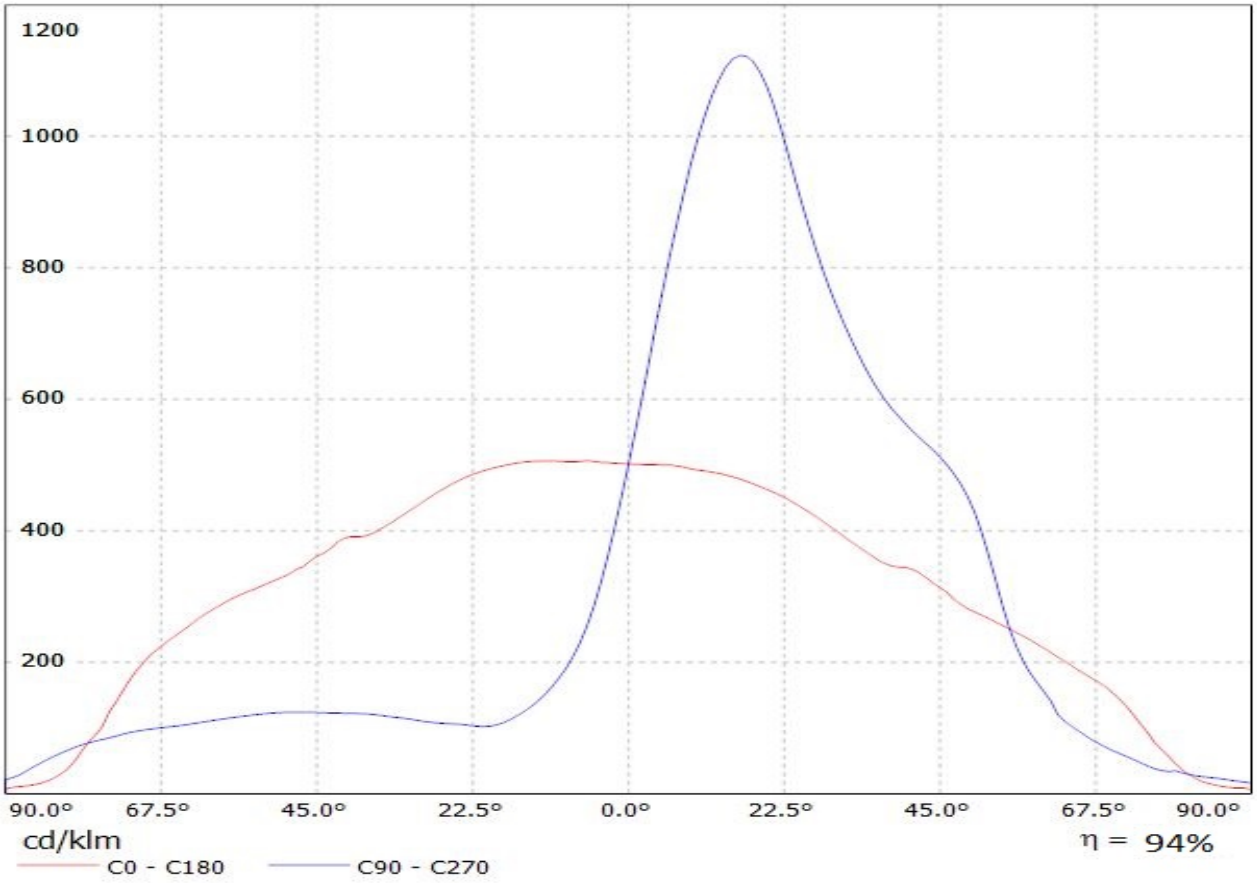
Luminaire: LEDiL Oy C14109_STRADA-2X2-NHS_(Tridonic_Module_RLE_G1)
Lamps: 1 x Tridonic_Module_RLE_G1_4576.03lm@700mA_P=32.0681W_I=0.700A



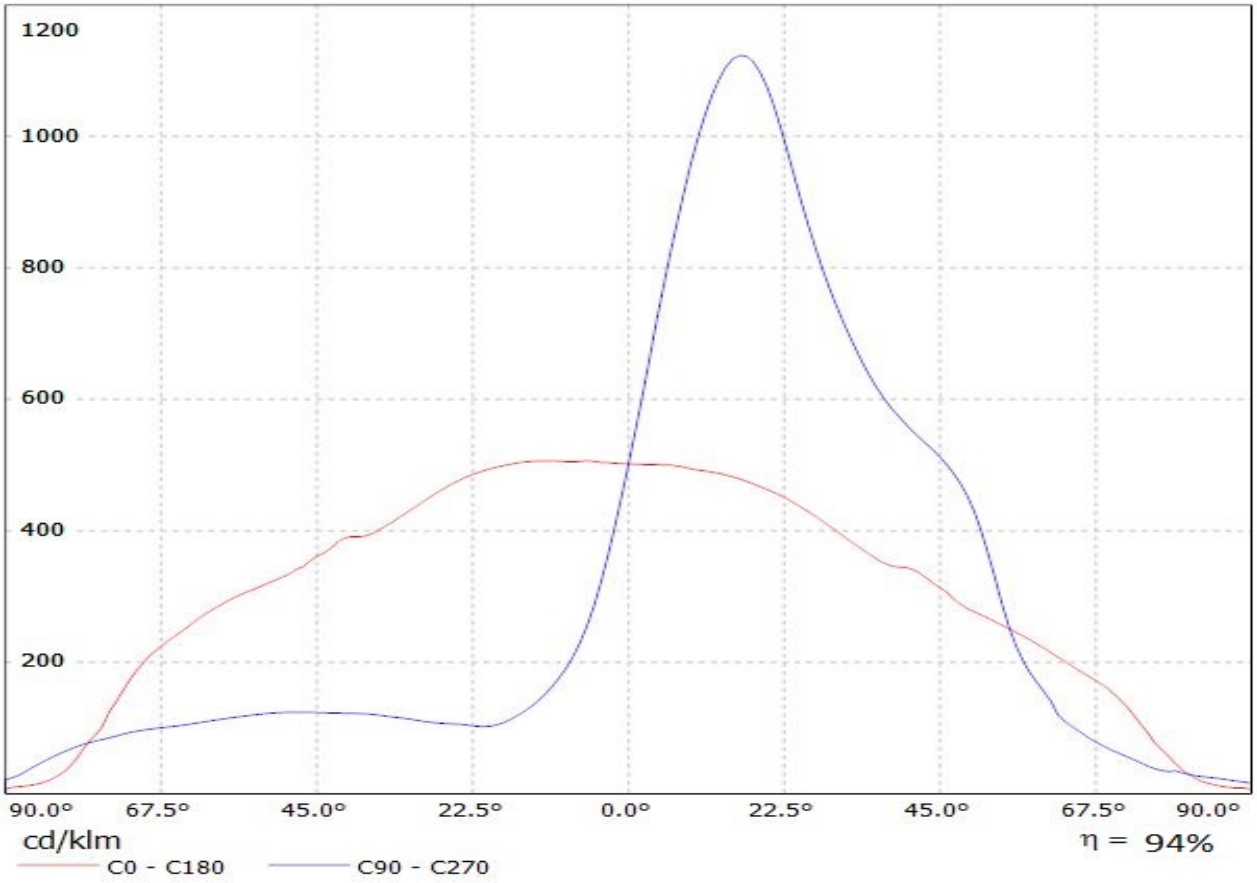
Luminaire: LEDiL Oy C14109_STRADA-2X2-NHS_(Tridonic_Module_RLE_G1)
Lamps: 1 x Tridonic_Module_RLE_G1_4576.03lm@700mA_P=32.0681W_I=0.700A



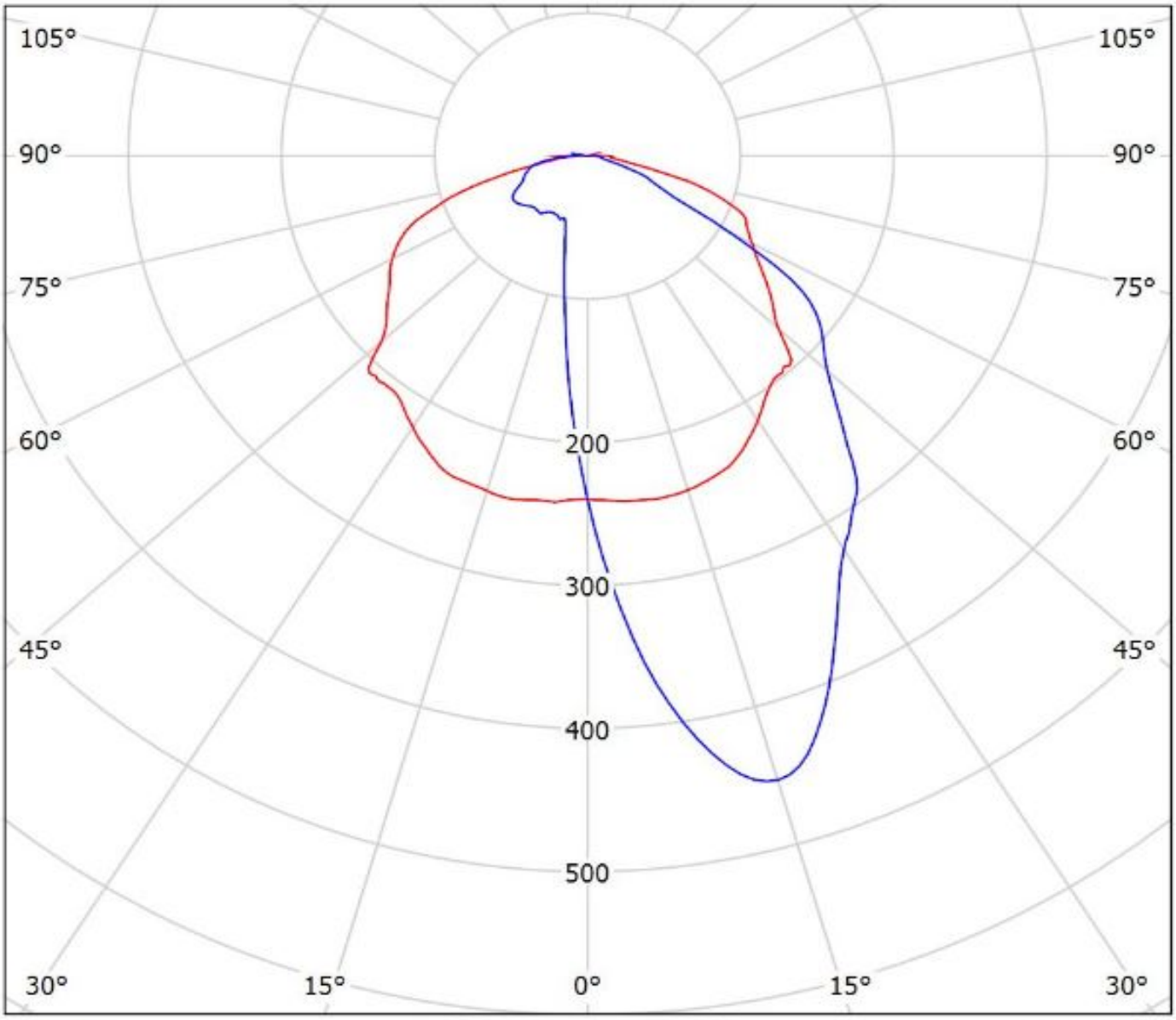
Luminaire: LEDiL Oy C14109_STRADA-2X2-NHS_(Tridonic_Module_RLE_G1)
Lamps: 1 x Tridonic_Module_RLE_G1_2288lm@700mA_P=16W_I=0.700A



Luminaire: LEDiL Oy C14109_STRADA-2X2-NHS_(Tridonic_Module_RLE_G1)
Lamps: 1 x Tridonic_Module_RLE_G1_2288lm@700mA_P=16W_I=0.700A



Luminaire: Ledil C14109_STRADA-2x2-NHS_(XP-G3)
Lamps: 1 x Cree_XP-G3_2x2_(XPGDWT-B1-3C0-S4-0-01)_516.459lm@250mA_P=2.7885W_I=0.25A

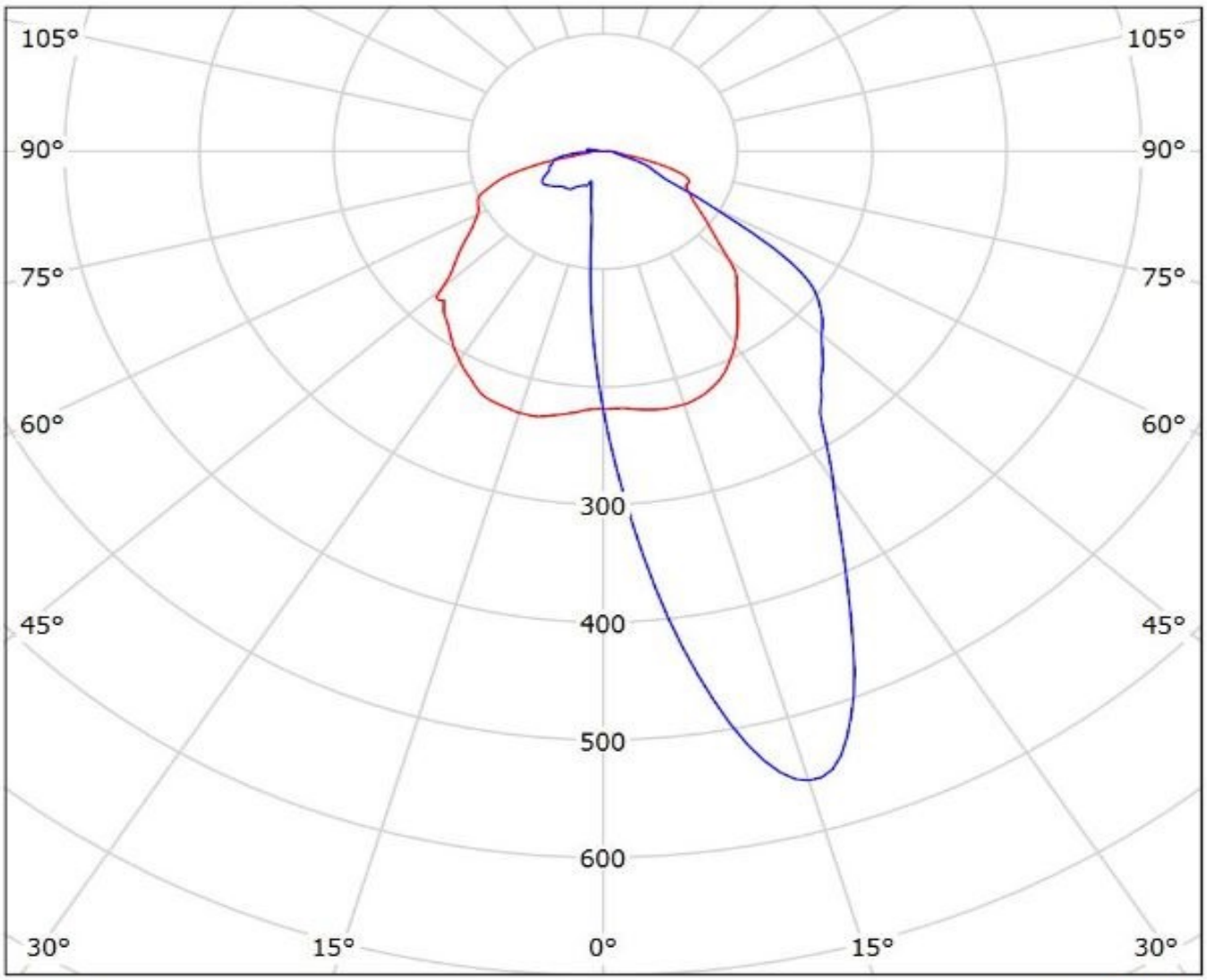


cd/klm

η = 96%

C0 - C180 C90 - C270

Luminaire: Ledil C14109_STRADA-2X2-NHS_(XP-G2)
Lamps: 1 x Cree_XP-G2_2x2_(XPGBWT-L1-000-00-G51)_421.786lm@250mA_P=2.9665W_I=0.250A

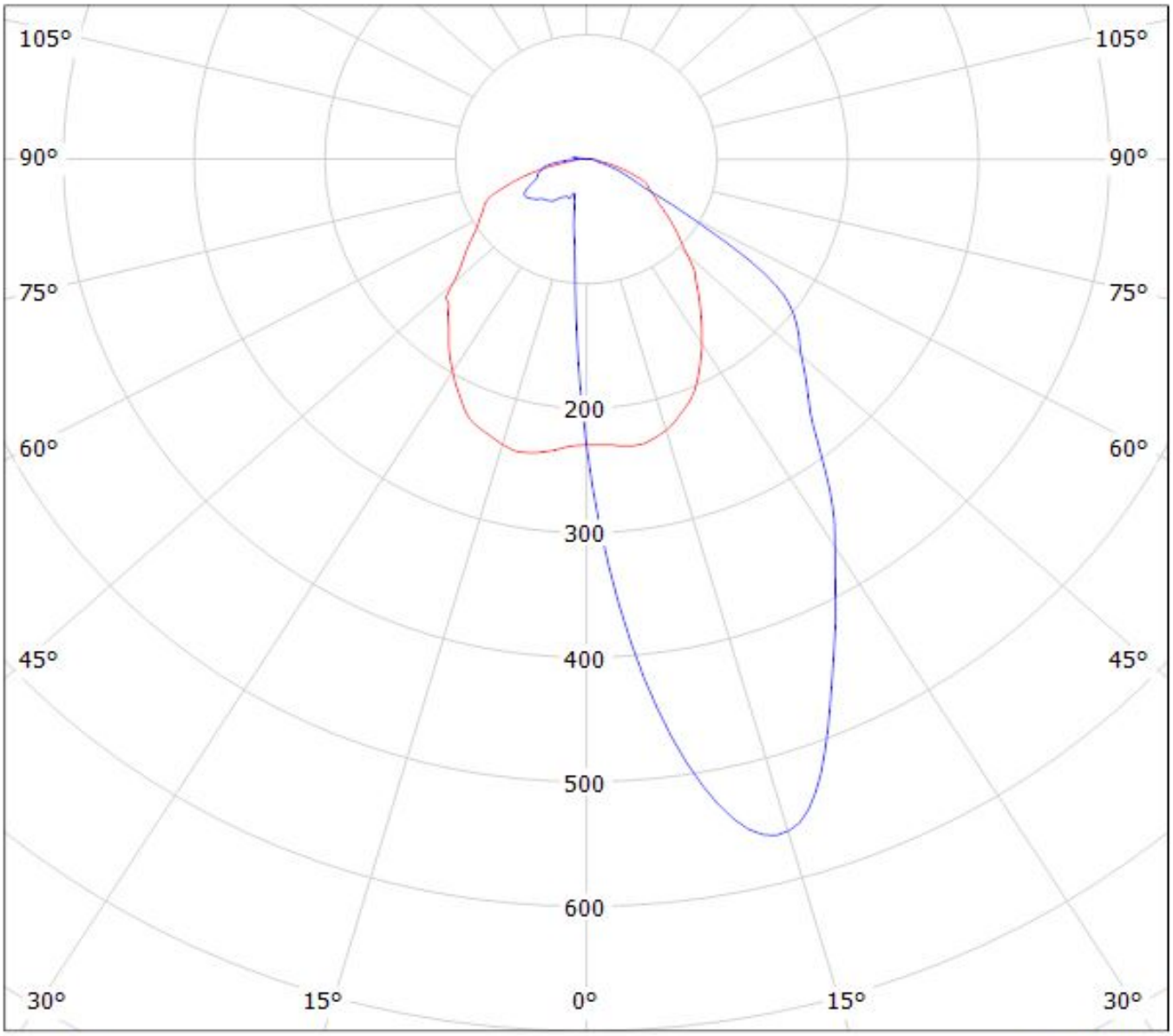


cd/klm

η = 94%

C0 - C180 C90 - C270

Luminaire: LEDiL Oy C14109_STRADA-2X2-NHS_(Luxeon_TX)
Lamps: 1 x Luxeon_TX_(L1T2-3585)_318.556lm@250mA_P=2.78827W_I=0.250A

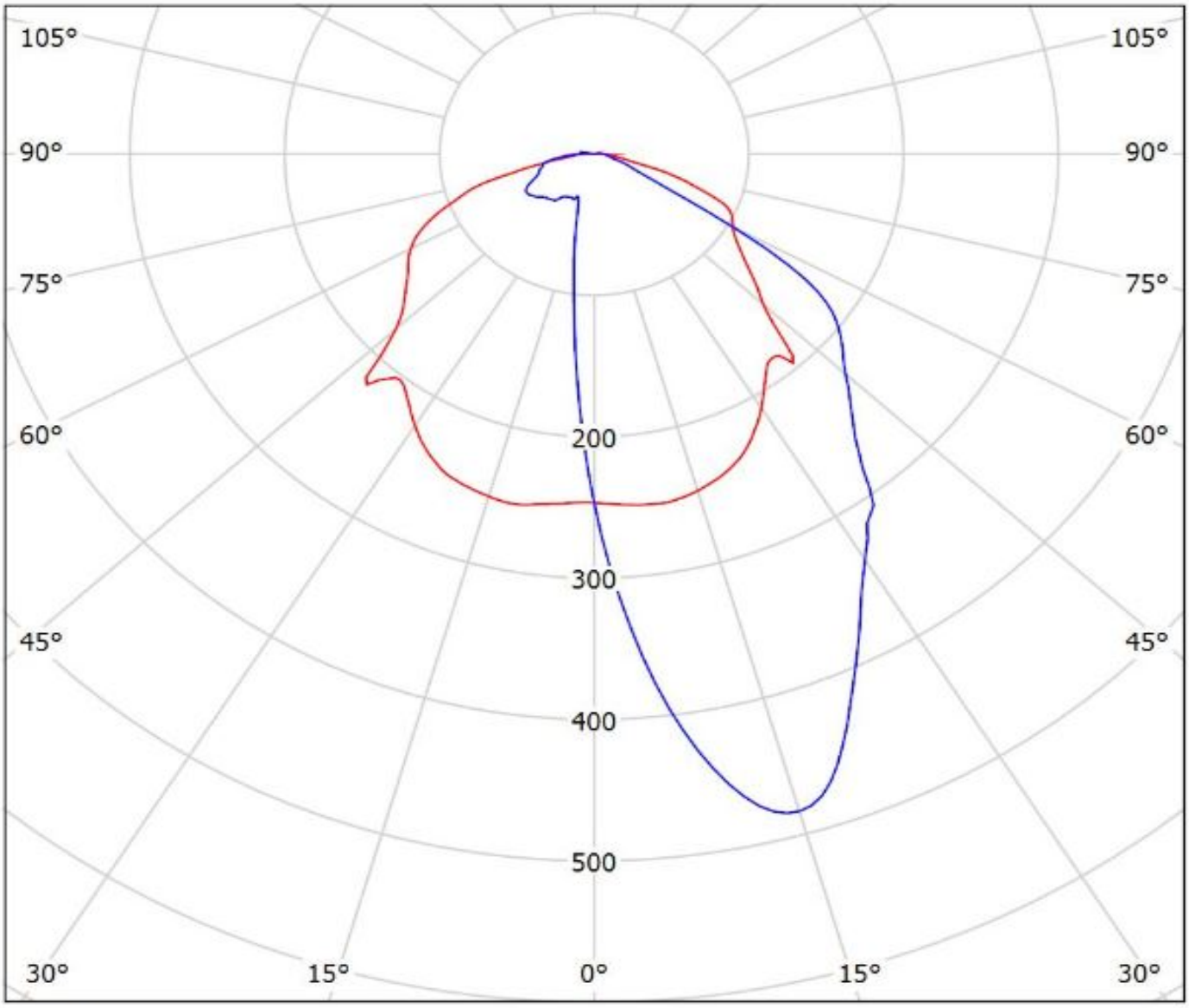


cd/klm

η = 95%

C0 - C180 C90 - C270

Luminaire: Ledil C14109_STRADA-2x2-NHS_(NVSL219CE)
Lamps: 1 x Nichia_NVSL219CE_496.405lm@250mA_CCT=4000K_P=2.8465W_I=0.25A

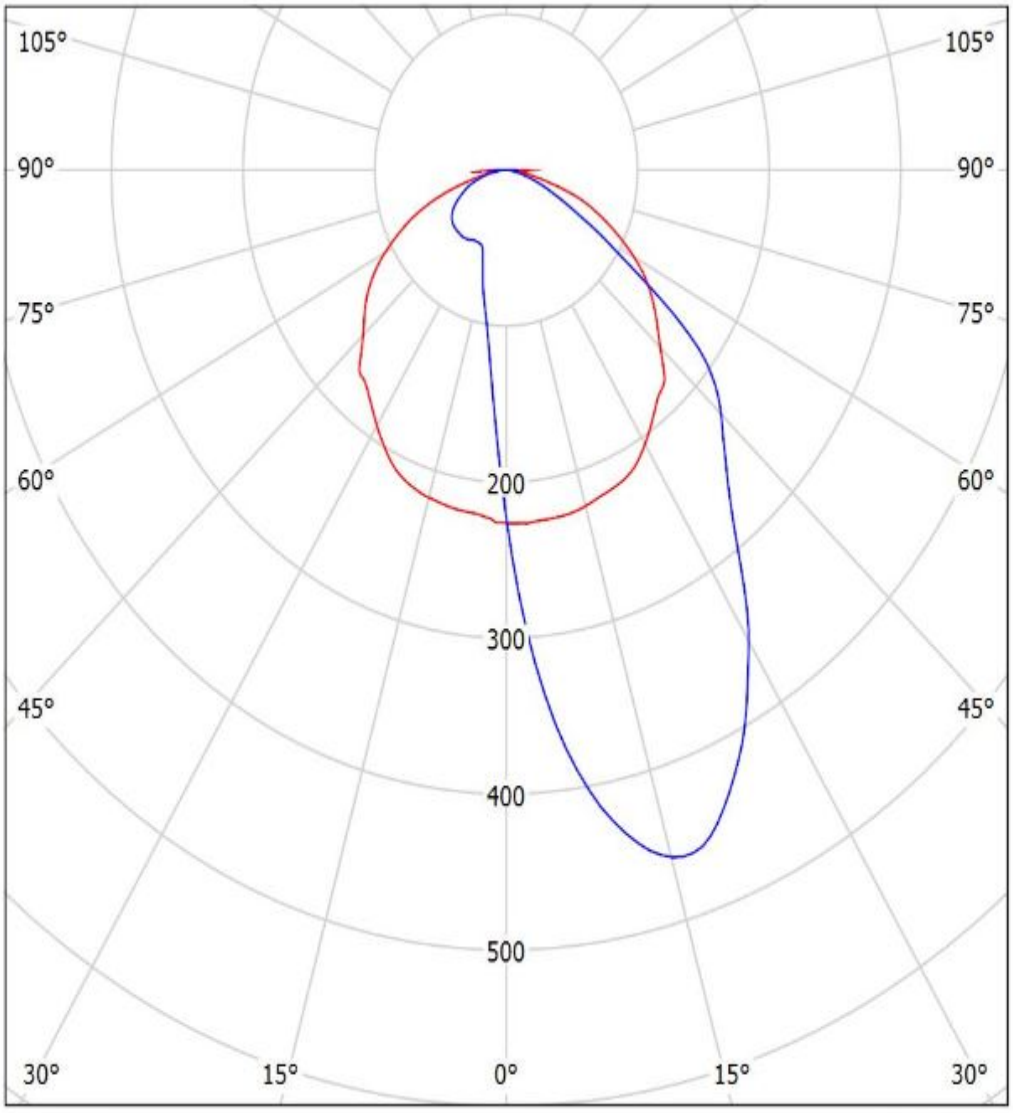


cd/klm

η = 94%

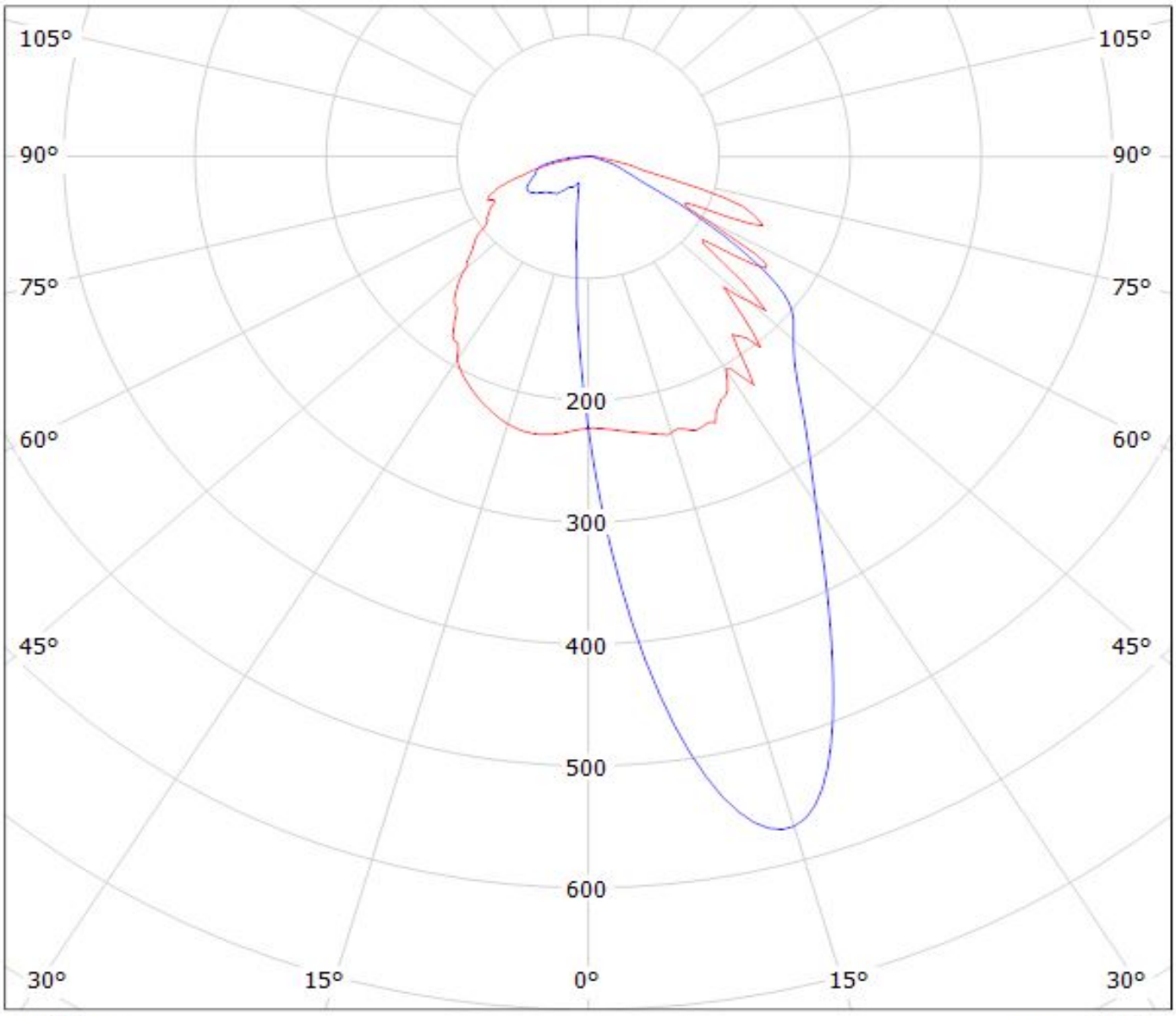
C0 - C180 C90 - C270

Luminaire: LEDiL Oy C14109_STRADA-2X2-NHS_(SQ-PC)_2_glass
Lamps: 1 x OSRAM_OSLON_SQUARE_PC_2x2_(LCW_CQAR.PC-MSMU-5H71-1)_409.881lm@250mA_CCT=5960K_P=2.86036W_I=249.9mA

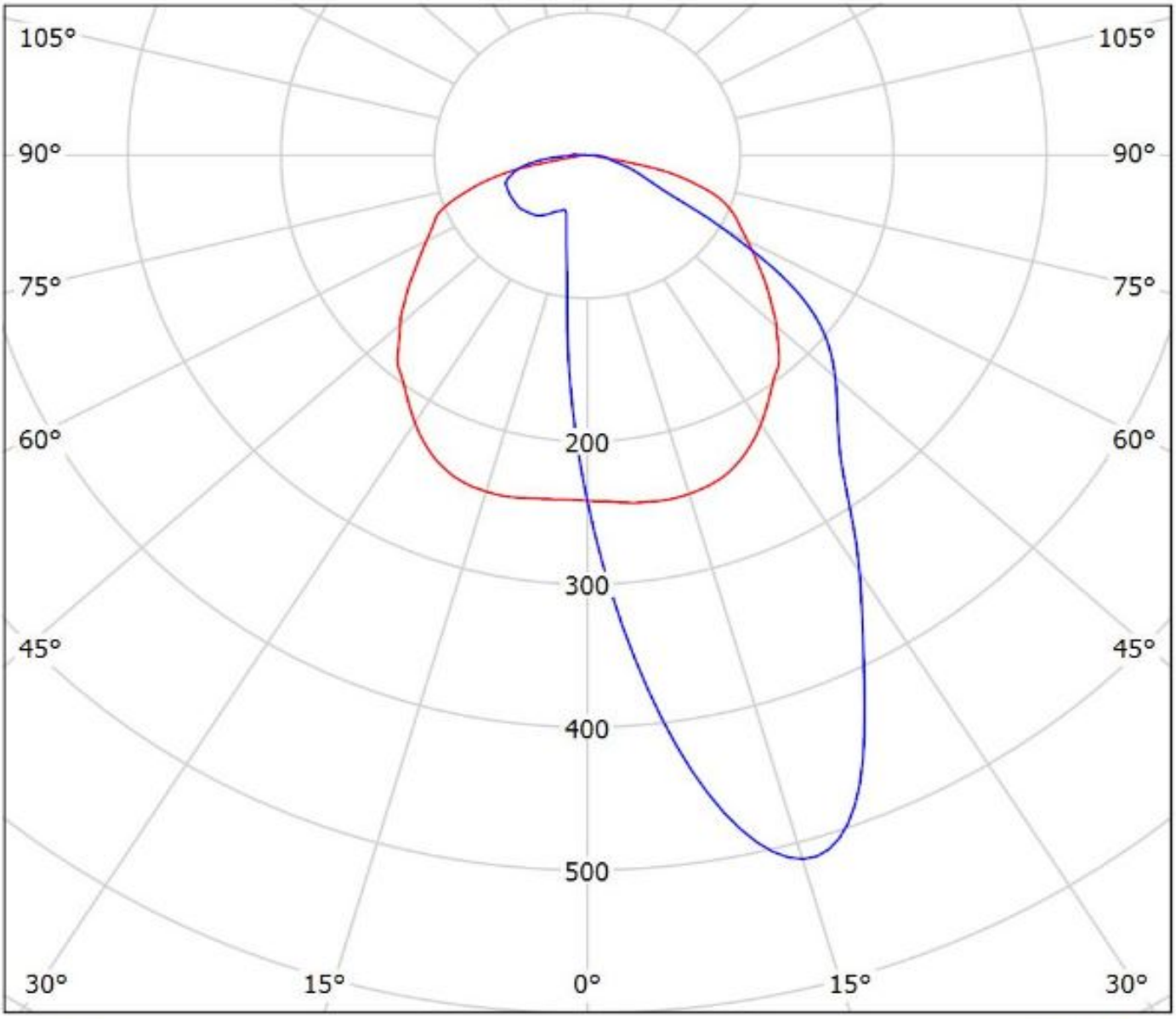


cd/klm
η = 84%
C0 - C180
C90 - C270

Luminaire: LEDiL Oy
Lamps: 1 x C14109_STRADA-2X2-NHS_(SQ_Gen3)



Luminaire: Ledil C14109_STRADA-2X2-NHS_(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

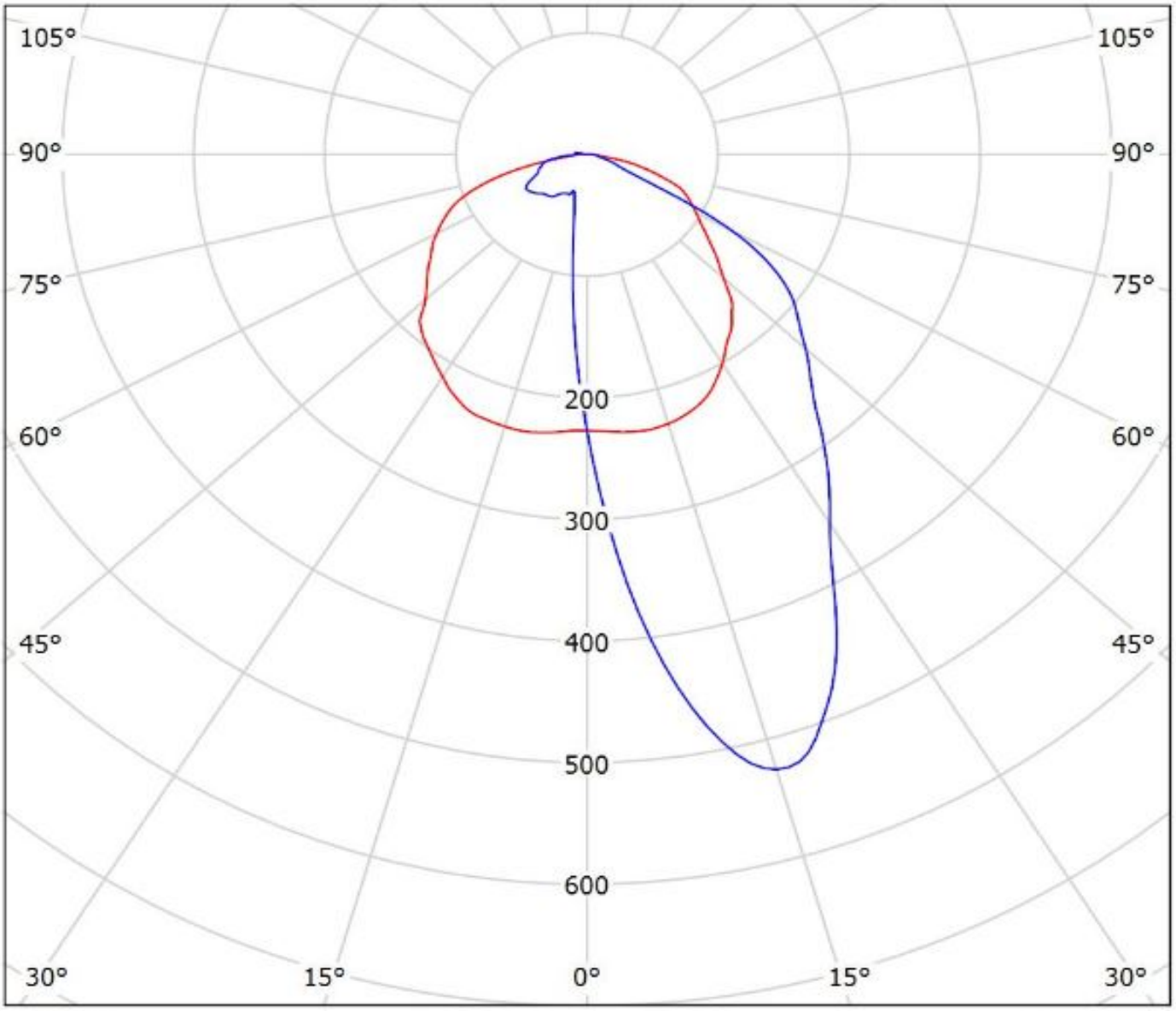


cd/klm

η = 95%

C0 - C180 C90 - C270

Luminaire: Ledil C14109_STRADA-2X2-NHS_(LH351B)
Lamps: 1 x Samsung_LH351B_2x2_444.178lm@250mA_P=2.8535W_I=0.25A



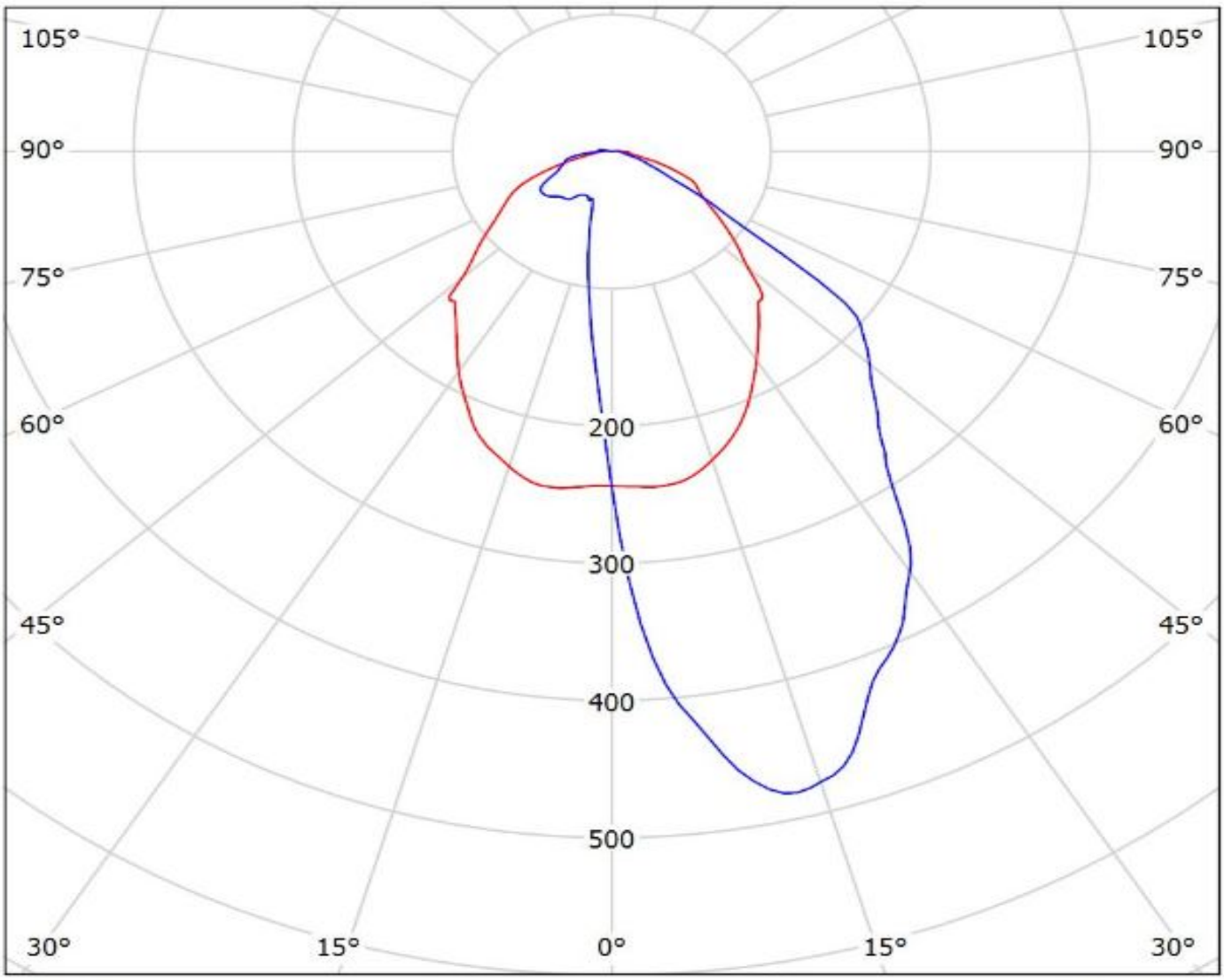
cd/klm

η = 95%

C0 - C180 C90 - C270

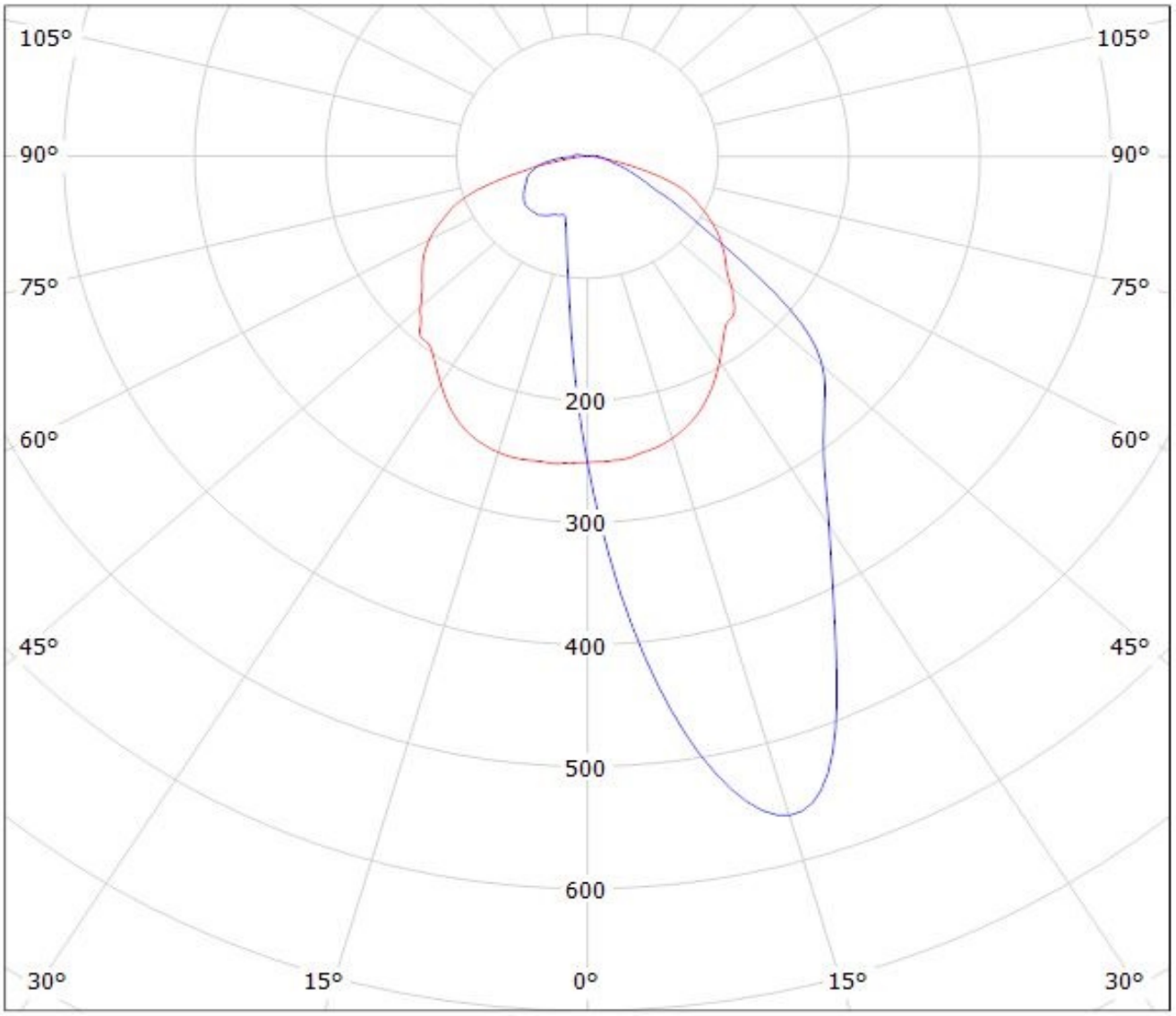
Ledil C14109_STRADA-2X2-NHS_(TL1L4) / LDC (Polar)

Luminaire: Ledil C14109_STRADA-2X2-NHS_(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 C14109_STRADA-2X2-NHS_(Tridonic_Module_RLE_G1)
Lamps: 1 x Tridonic_Module_RLE_G1_4576.03lm@700mA_P=32.0681W_I=0.700A

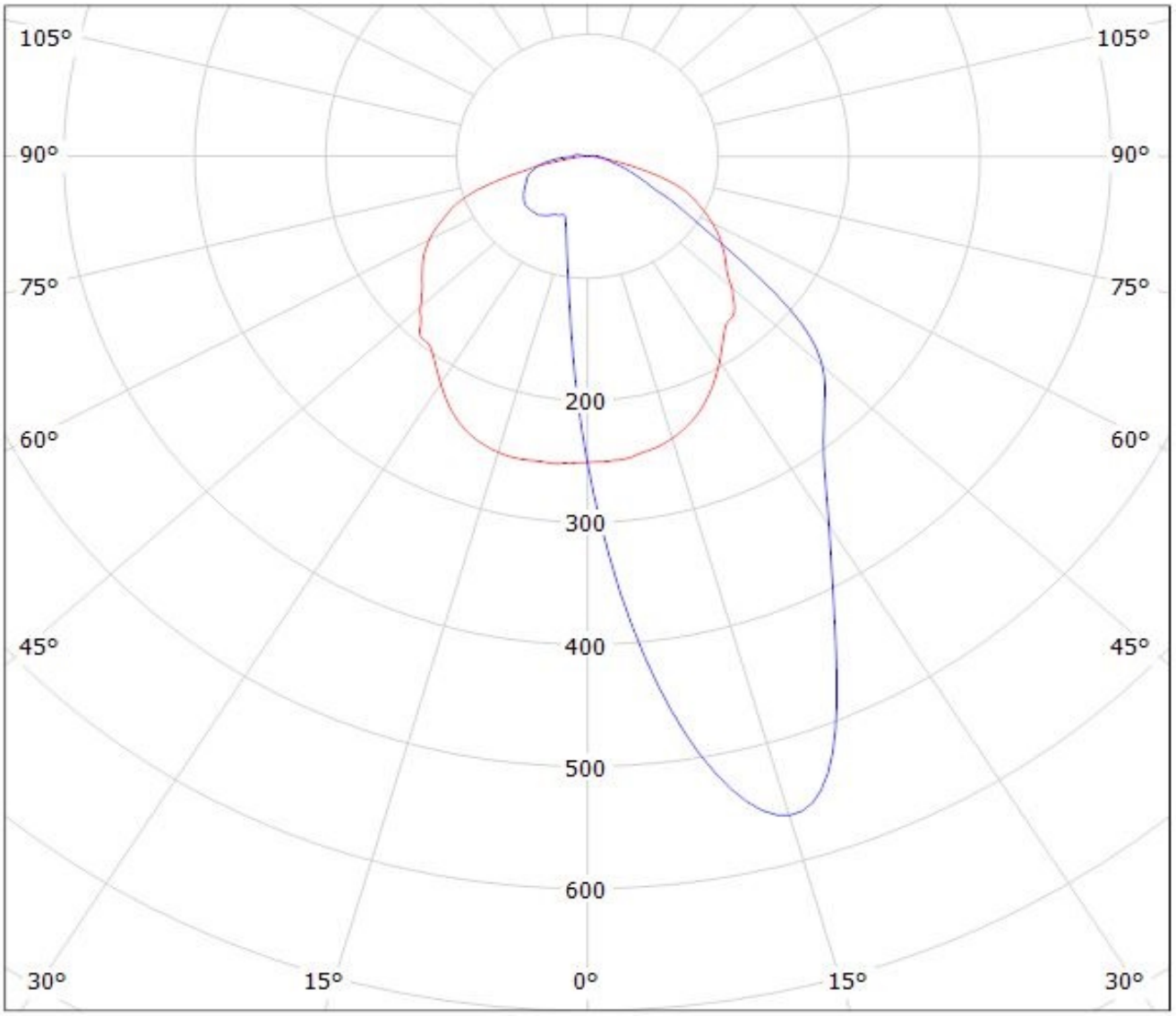


cd/klm

η = 94%

C0 - C180 C90 - C270

Luminaire: LEDiL Oy C14109_STRADA-2X2-NHS_(Tridonic_Module_RLE_G1)
Lamps: 1 x Tridonic_Module_RLE_G1_4576.03lm@700mA_P=32.0681W_I=0.700A

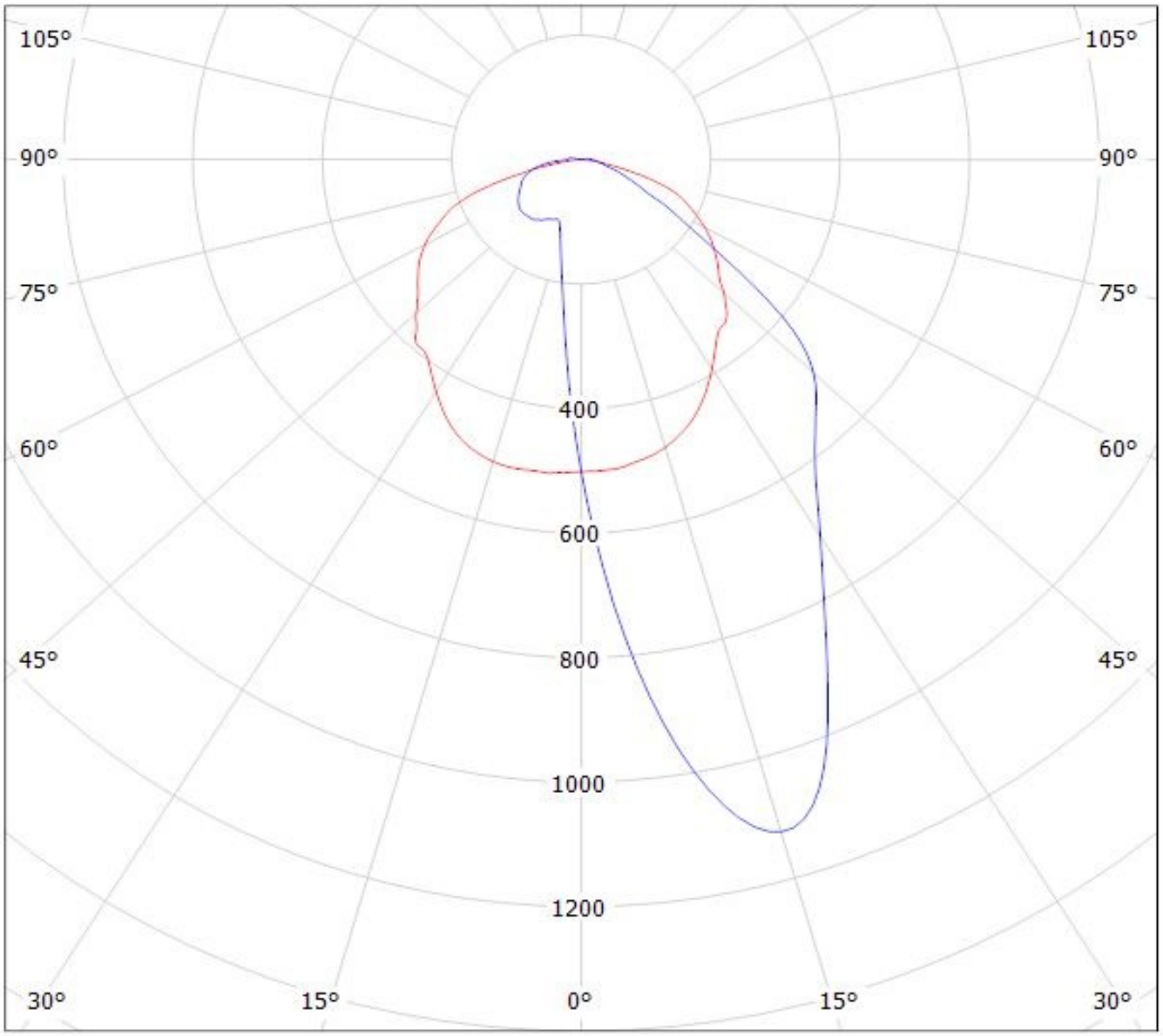


cd/klm

η = 94%

C0 - C180 C90 - C270

Luminaire: LEDiL Oy C14109_STRADA-2X2-NHS_(Tridonic_Module_RLE_G1)
Lamps: 1 x Tridonic_Module_RLE_G1_2288lm@700mA_P=16W_I=0.700A

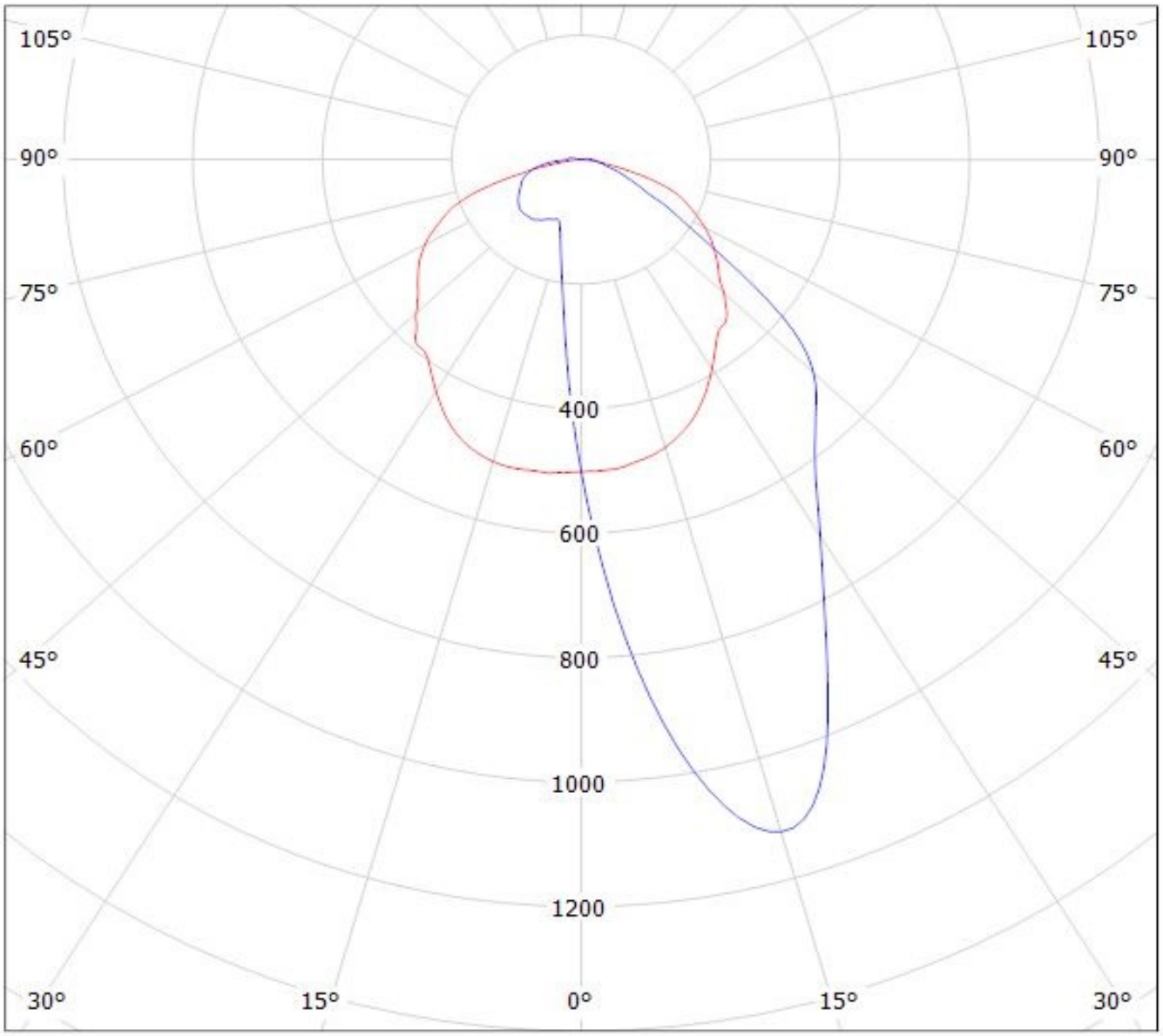


cd/klm

η = 94%

C0 - C180 C90 - C270

Luminaire: LEDiL Oy C14109_STRADA-2X2-NHS_(Tridonic_Module_RLE_G1)
Lamps: 1 x Tridonic_Module_RLE_G1_2288lm@700mA_P=16W_I=0.700A



cd/klm

η = 94%

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.