PRODUCT DATASHEET
Strada series
last update 21/3/2017

DETAILS

Product Number	C15135_STRADA-2X2-T1
Family	Strada
Type	Lens
Color	clear
Diameter	50x50 mm
Height	7,78 mm
Style	rectang
Optic Material	PMMA
Holder Material	
Fastening	pin, screw
Status	production ready
ROHS Compliant	Yes
Date Updated	21/03/2017

OPTICAL PROPERTIES

LED	Viewing Angle	Light Beam	Effi-ciency	cd/lm	Connector
SMD 5050	Asymmetric deg		94 %	0.900	-
XP-L	Asymmetric deg		94 %	1.170	-
XT-E	sim: Asymmetric		sim: 90 %	sim: 1.200	-
XP-G2	Asymmetric deg		94 %	1.500	-
XP-L2	Asymmetric deg		94 %	0.980	-
MHB-A/B	sim: Asymmetric		sim: 94 %	sim: 0.670	-
XD16	Asymmetric deg		94 %	1.500	-
XD16 2x2 cluster	Asymmetric deg		94 %	1.100	-
H35C1 (LEMWA33)	Asymmetric deg		94 %	1.400	-
LUXEON 5050	Asymmetric deg		94 %	0.980	-
LUXEON V	Asymmetric deg		94 %	1.100	-
NVSxE21A	Asymmetric deg		94 %	2.050	-
NVSW3x9A	Asymmetric deg		94 %	1.300	-
NVSxx19B/NVSxx19C	Asymmetric deg		94 %	1.400	-
NVSW219D	Asymmetric deg		94 %	1.300	-
Duris S8	sim: Asymmetric		sim: 93 %	sim: 0.850	-
Oslon Square Gen3	Asymmetric deg		94 %	1.400	-
OSCONIQ P 3737 (3W version)	sim: Asymmetric		sim: 94 %	sim: 0.960	-
PrevaLED Brick DC 2x8	Asymmetric deg		94 %	1.400	-
Fortimo FastFlex LED board 2x8 DA G4	Asymmetric deg		94 %	1.400	-
Fortimo FastFlex LED board 2x8 DAX G4	sim: Asymmetric		sim: 94 %	sim: 0.930	-
LH351B	Asymmetric deg		94 %	1.320	-
LH351D	sim: Asymmetric		sim: 93 %	sim: 0.940	-
Z8Y22P	Asymmetric deg		94 %	1.300	-
Z8Y22	Asymmetric deg		94 %	1.600	-

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24240 SALO, Finland

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PRODUCT DATASHEET
Strada series
last update 21/3/2017

OPTICAL PROPERTIES

LED	Viewing Angle	Light Beam	Effi-ciency	cd/lm	Connector
RLE G1 49x223mm 4000lm xxx EXC OTA	Asymmetric	deg	94 %	1.400	-
RLE G1 49x245mm 4000lm xxx EXC OTA	Asymmetric	deg	94 %	1.400	-
RLE G1 49x121mm 2000lm xxx EXC OTA	Asymmetric	deg	94 %	1.400	-
RLE G1 49x133mm 2000lm xxx EXC OTA	Asymmetric	deg	94 %	1.400	-

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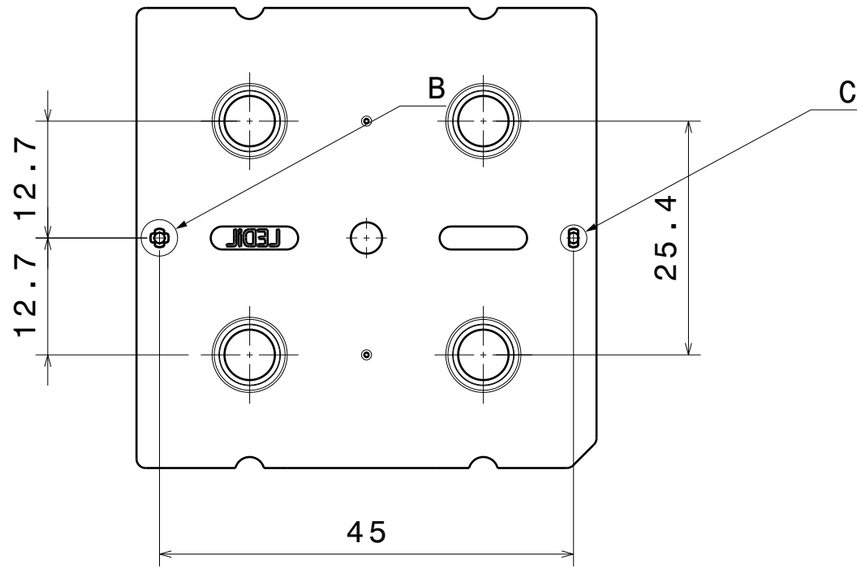
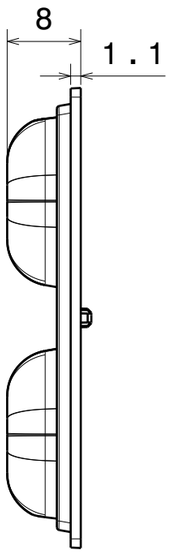
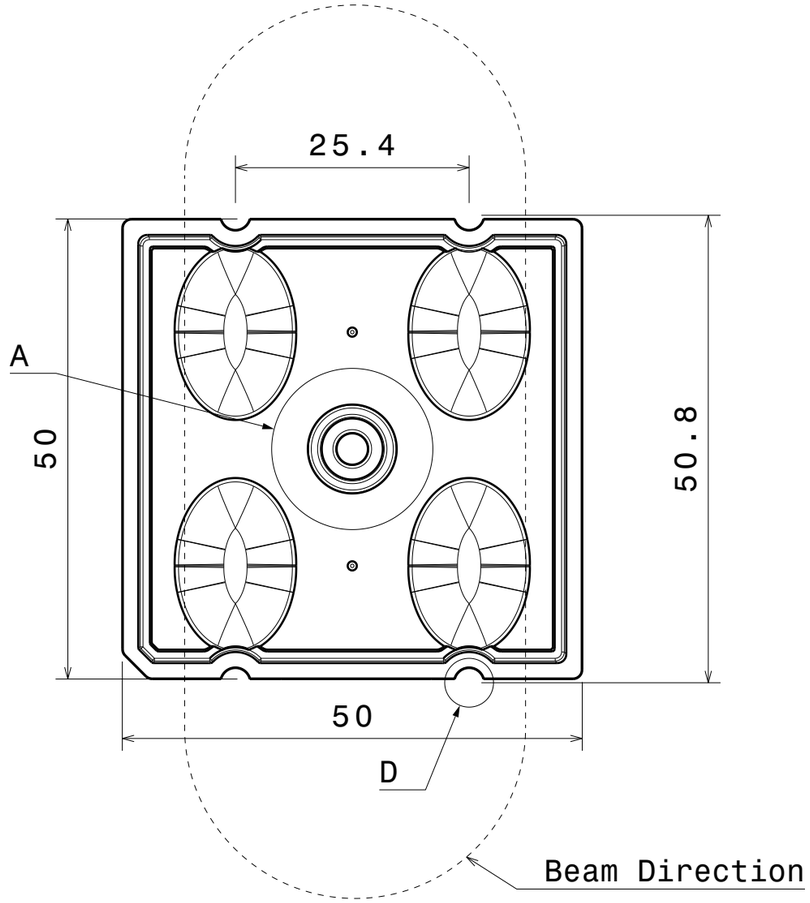
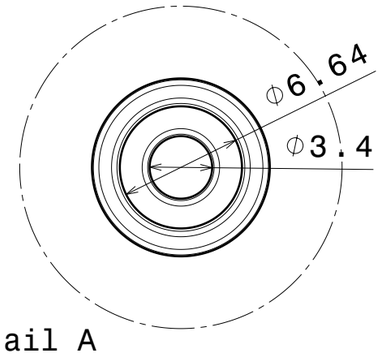
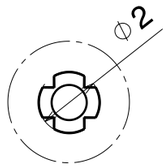




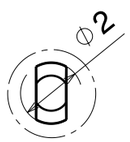




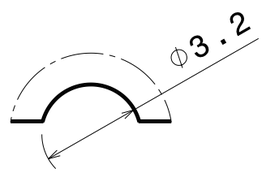
Detail A
Scale: 3:1



Detail B
Scale: 5:1



Detail C
Scale: 5:1



Detail D
Scale: 5:1

INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	C15135	STRADA-2X2-T1	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

THIRD ANGLE PROJECTION:

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LEDiL
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Salorankatu 10
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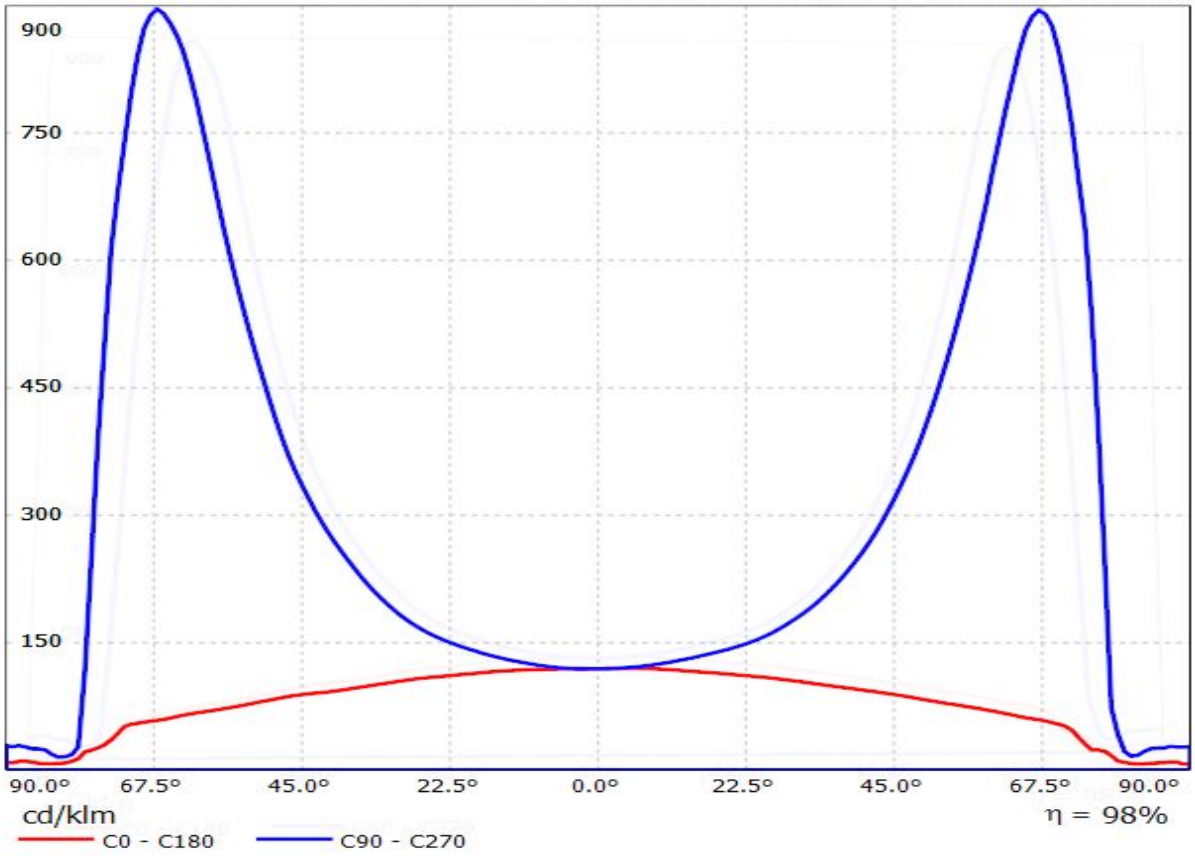
Finland

DRAWING TITLE
C15135_STRADA-2X2-T1

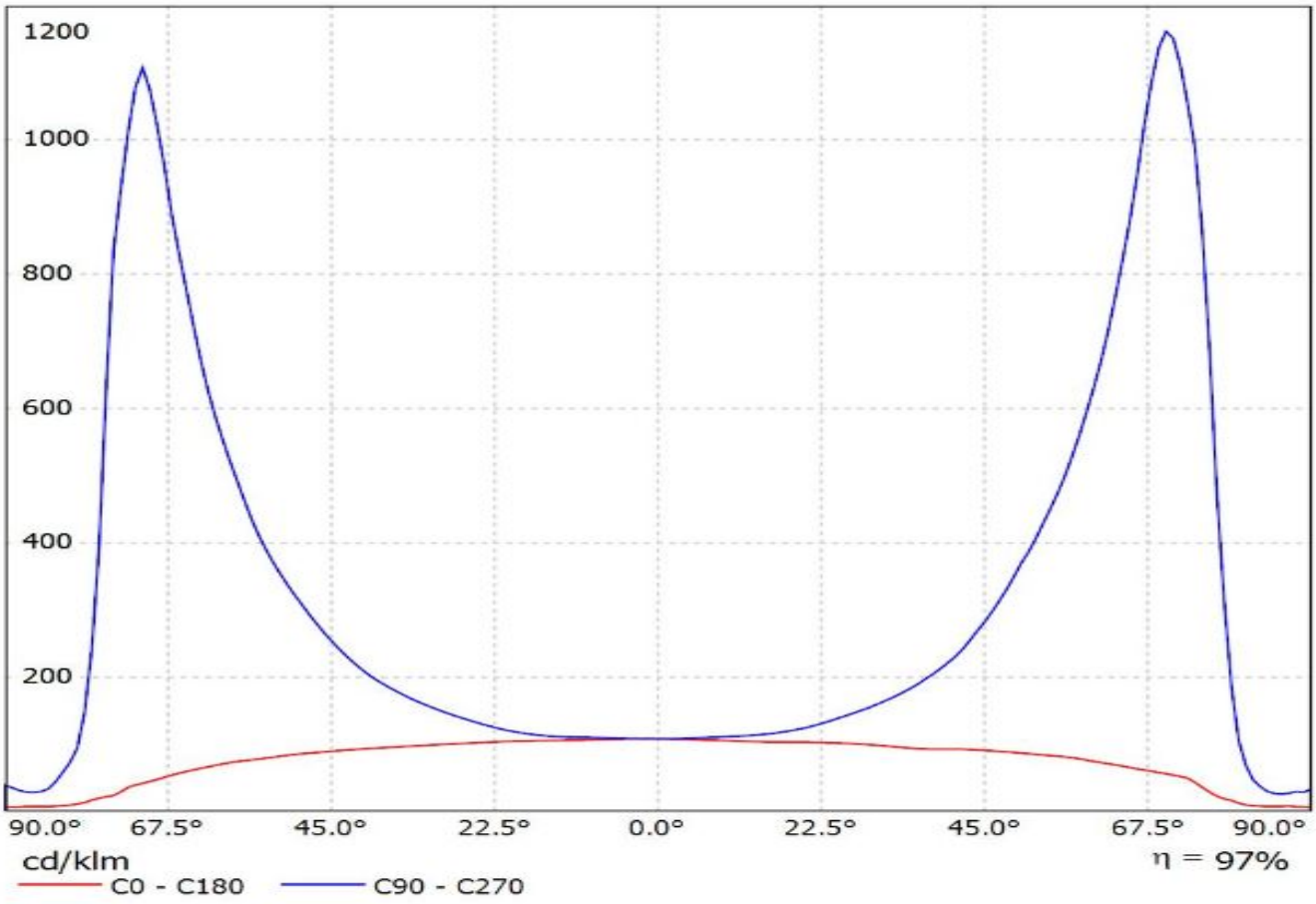
SIZE	PART NUMBER
A3	C15135

SCALE	WEIGHT		SHEET
3:2	8,48 g		1/1

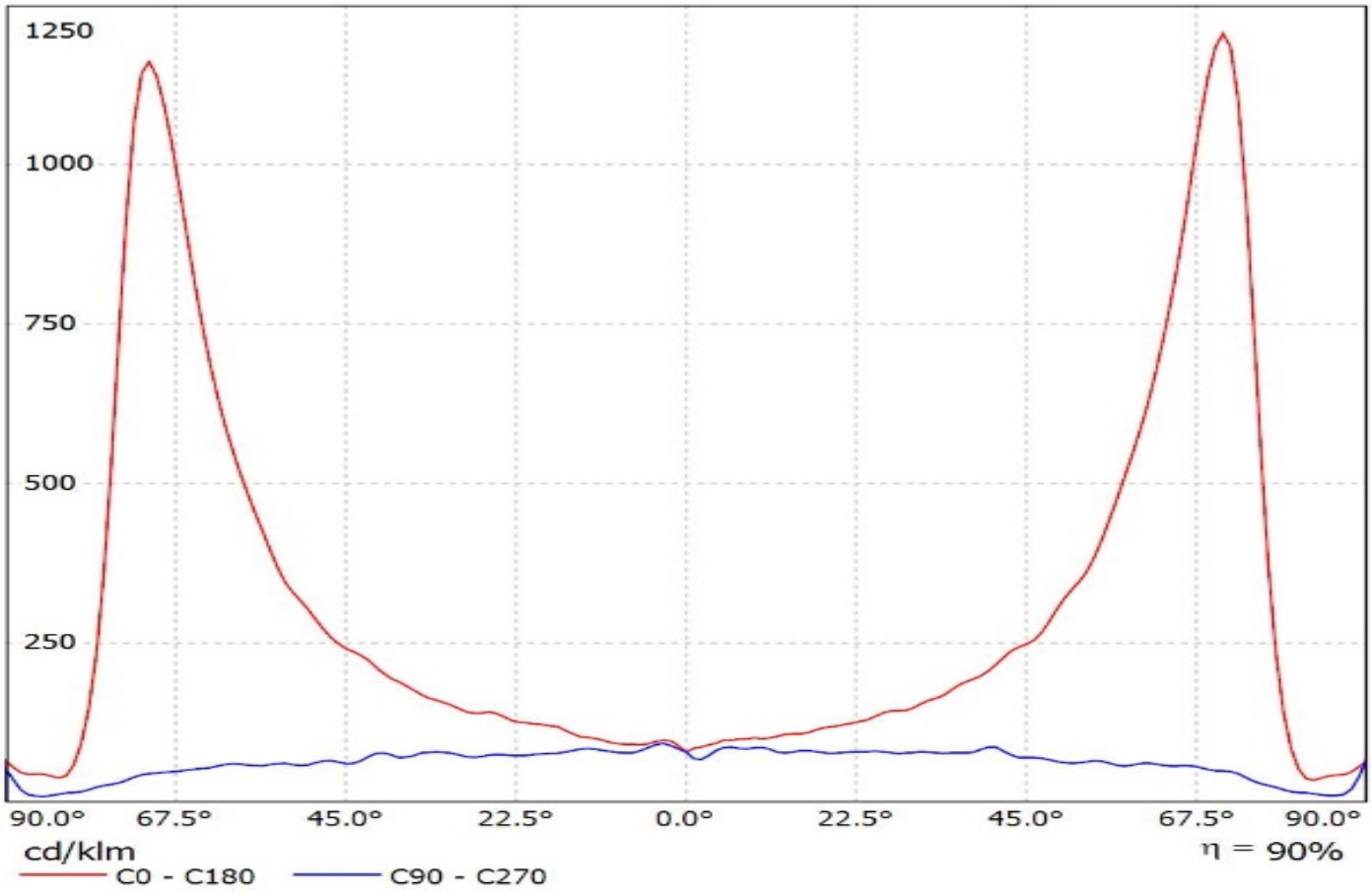
Luminaire: LEDiL Oy C15135_STRADA-2X2-T1_(Bridgelux_5050_Gen2)
Lamps: 1 x Bridgelux_5050_Gen2_2x2_(BXEP-57C-435-09B)_1447.45lm@250mA_CCT=5700K_P=8.29761W_I=0.25A



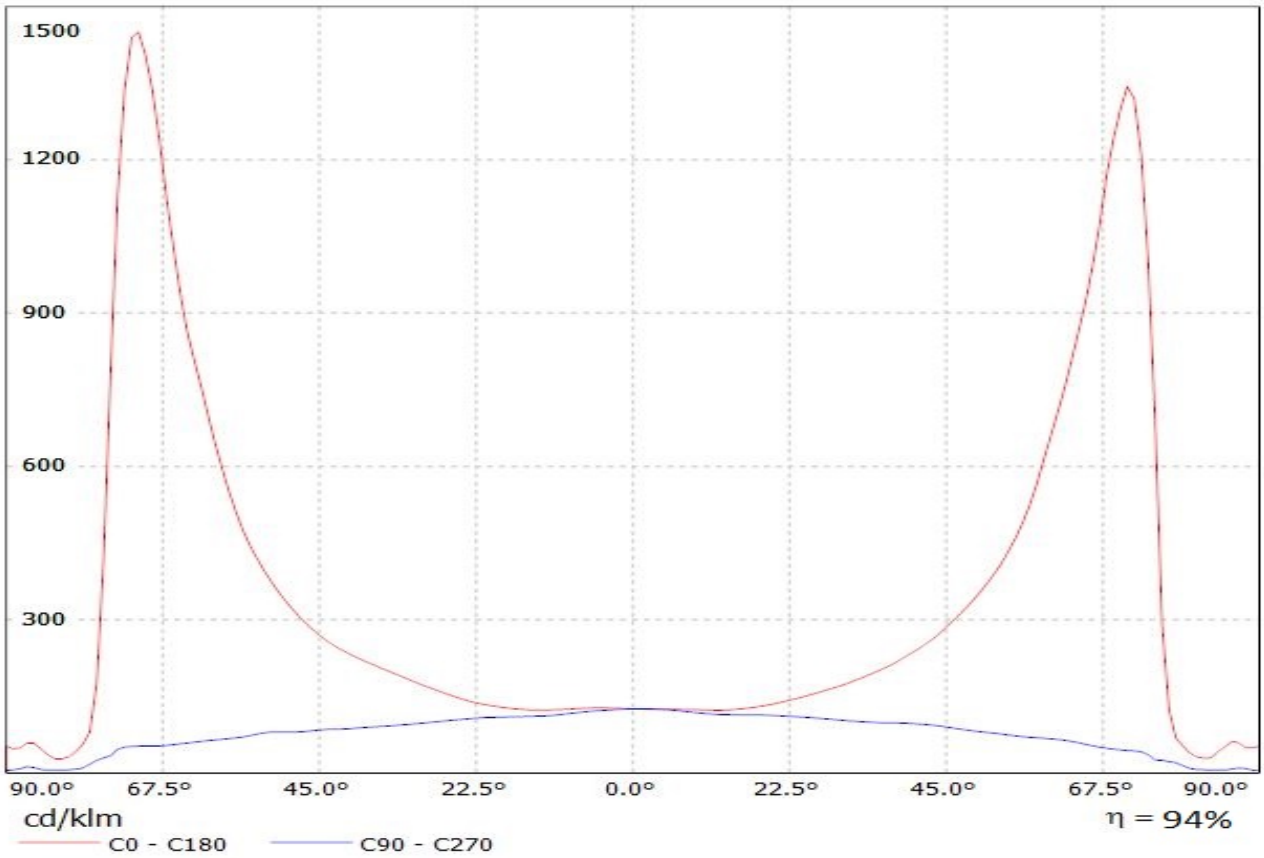
Luminaire: Ledil C15135_STRADA-2X2-T1_(XP-L)_C1
Lamps: 1 x Cree_XP-L_(XPLAWT-0-1B0-V40-00-0001)_509.35lm@250mA_CCT=7600K_P=2.8145W_I=0.25A



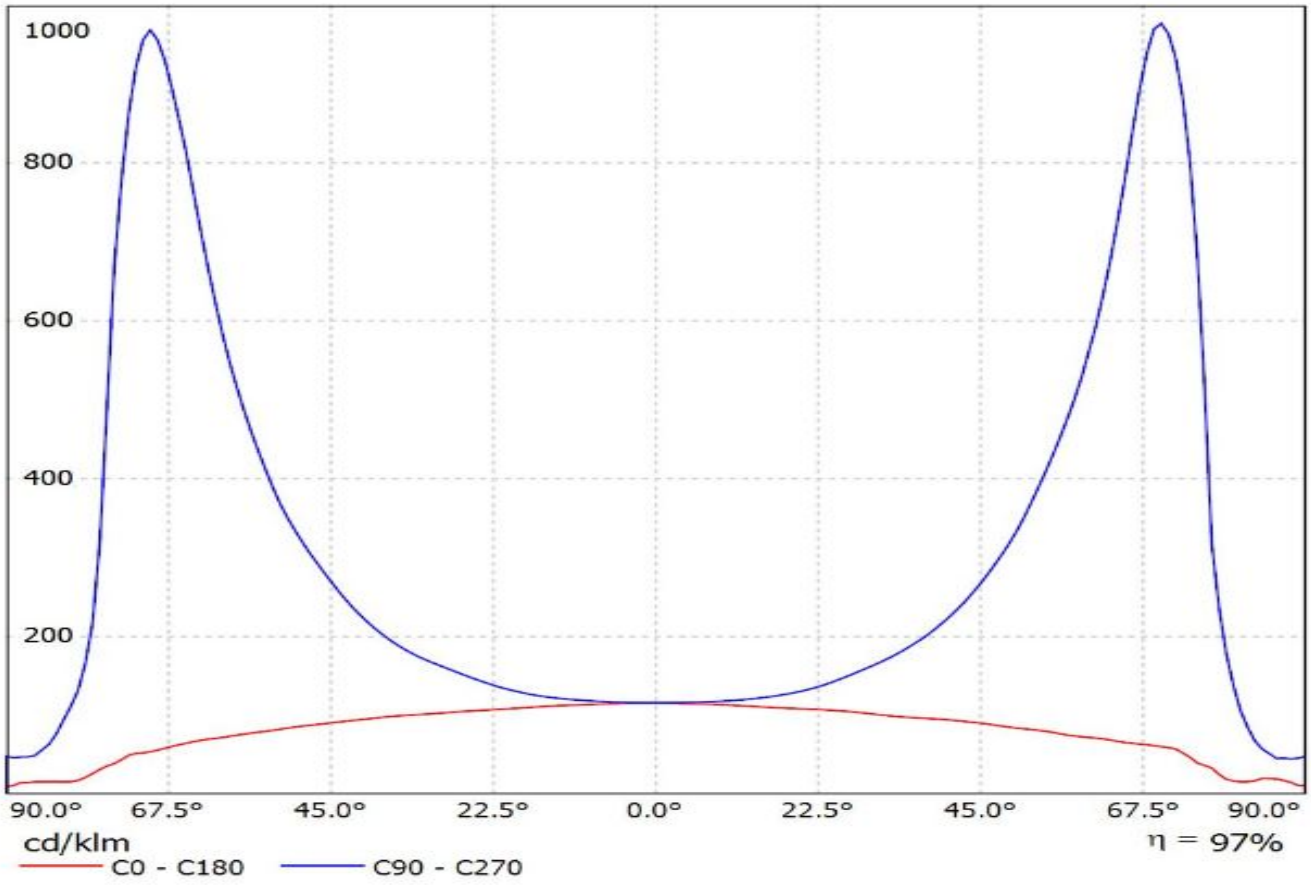
Luminaire: Ledil Oy C15135_STRADA-2X2-T1_(XT-E)_SIMULATED C15135_STRADA-2X2-T1_(XT-E)_SIMU
Lamps: 1 x Cree XT-E - 1.00 W



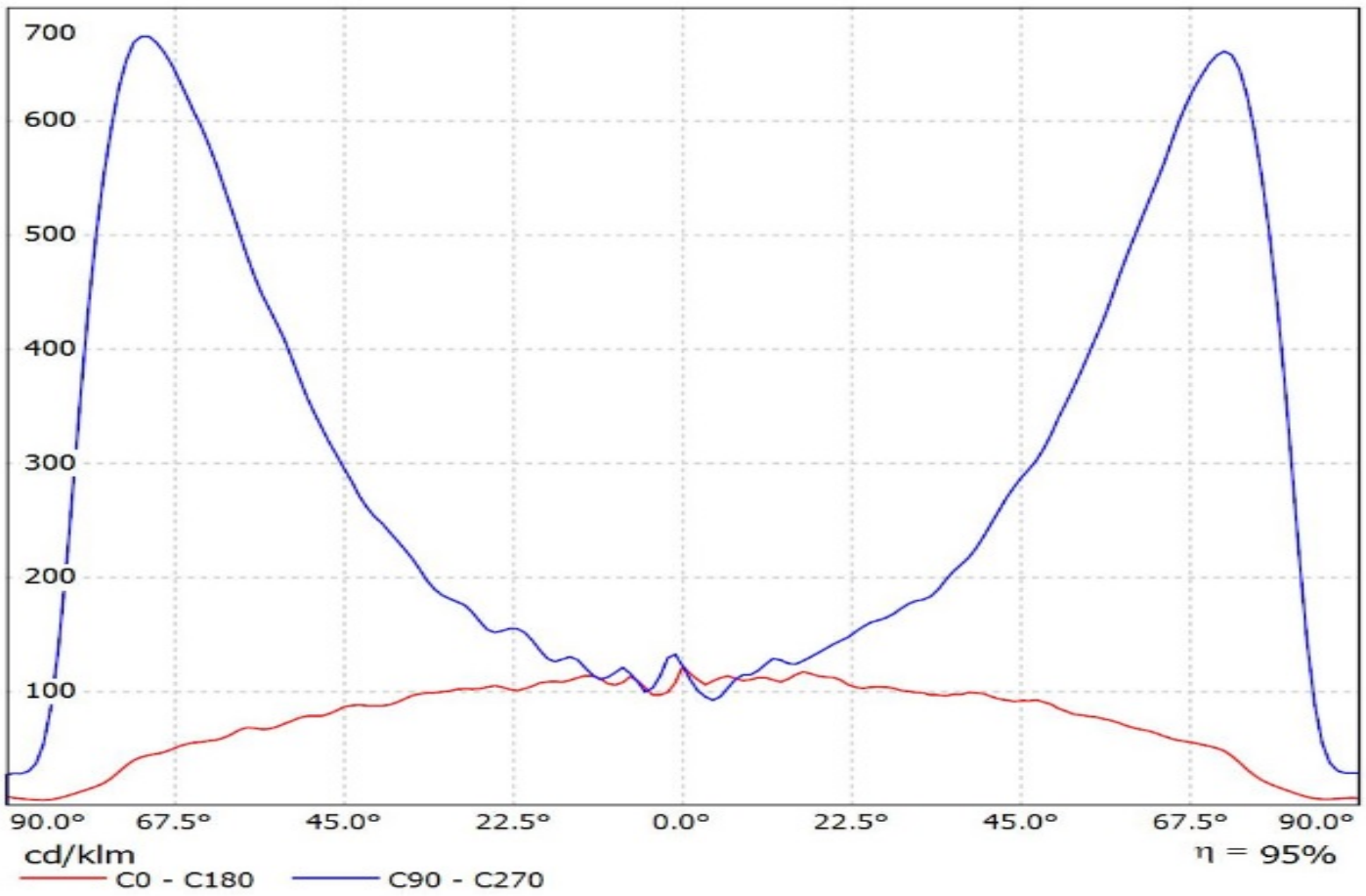
Luminaire: LEDiL Oy C15135_STRADA-2X2-T1_(XP-G2)
Lamps: 1 x Cree_XP-G2_(XPGBWT-L1-000-00-G51)_409.845lm@250mA_P=2.94464_I=0.250A



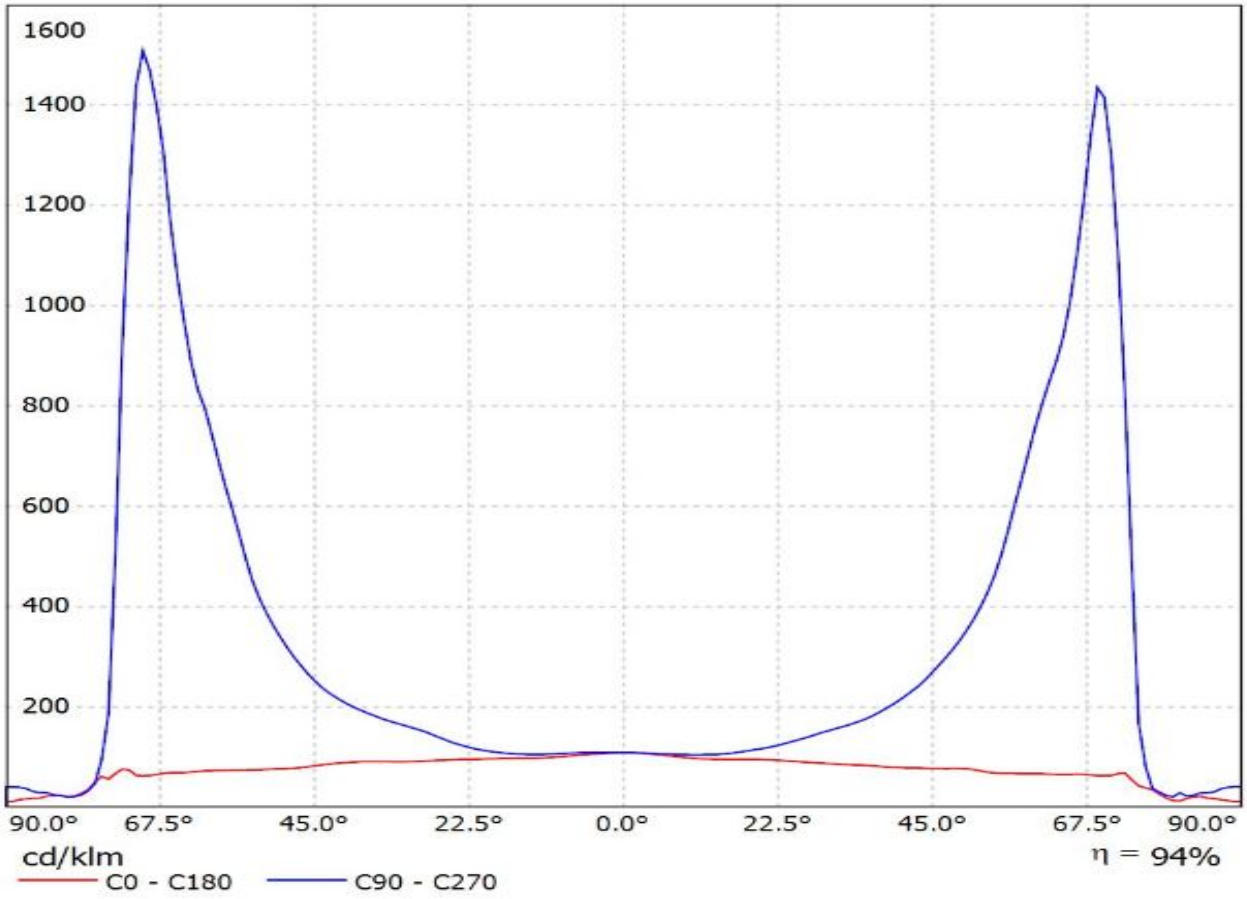
Luminaire: Ledil C15135_STRADA-2X2-T1_(XP-L2)
Lamps: 1 x Cree_XP-L2_2x2_(XPLBWT-00-0000-000BV50E3)550.93lm@250mA_P=2.7815W_I=0.25A



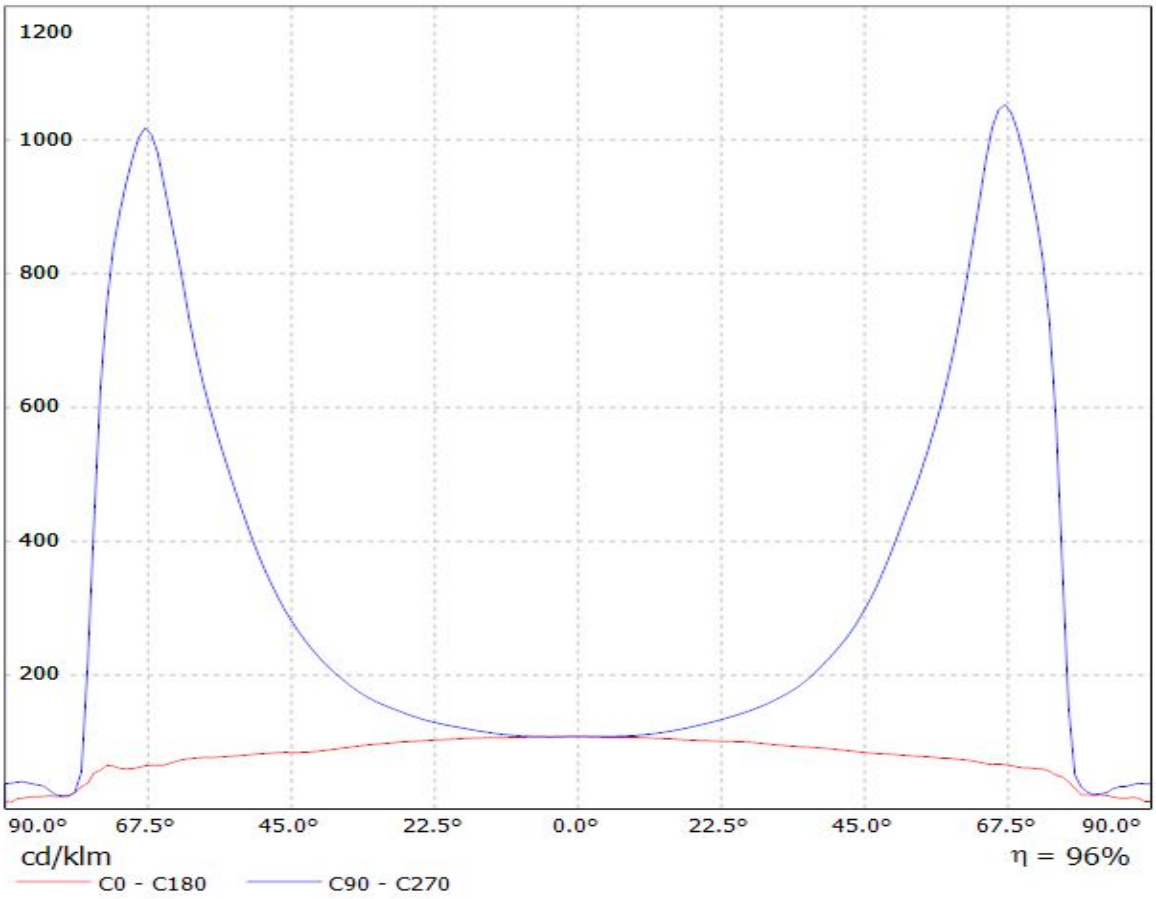
Luminaire: Ledil Oy C15135_STRADA-2X2-T1_(MHB-A)_SIMULATED
Lamps: 1 x Cree MHB-A



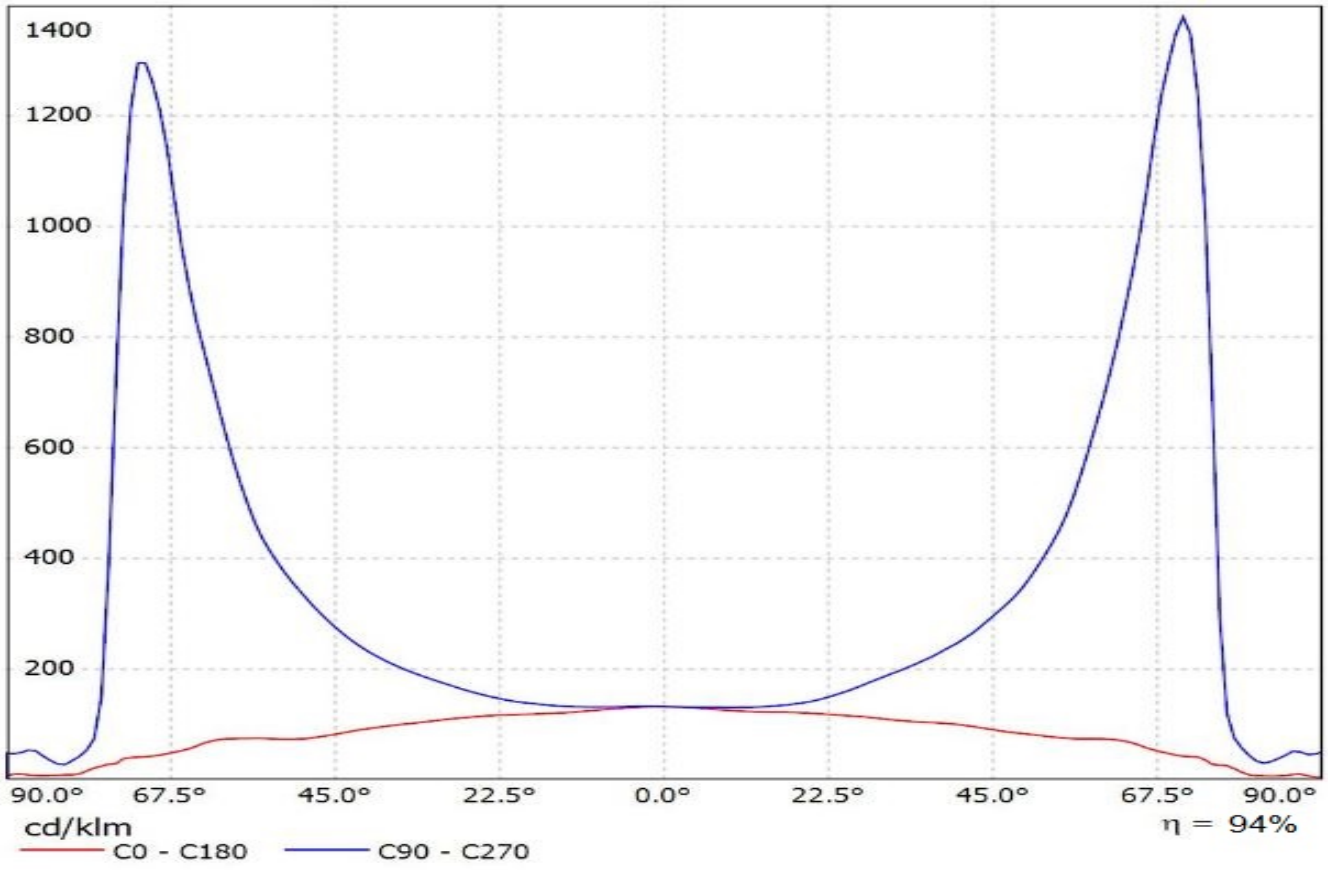
Luminaire: Ledil C15135_STRADA-2X2-T1_(XD16)
Lamps: 1 x Cree_XD16_2x2_(XD16AWT-H-2B0-S20-0B-002)_455.025lm@250mA_CCT=5700K_P=2.78489W_I=0.25A



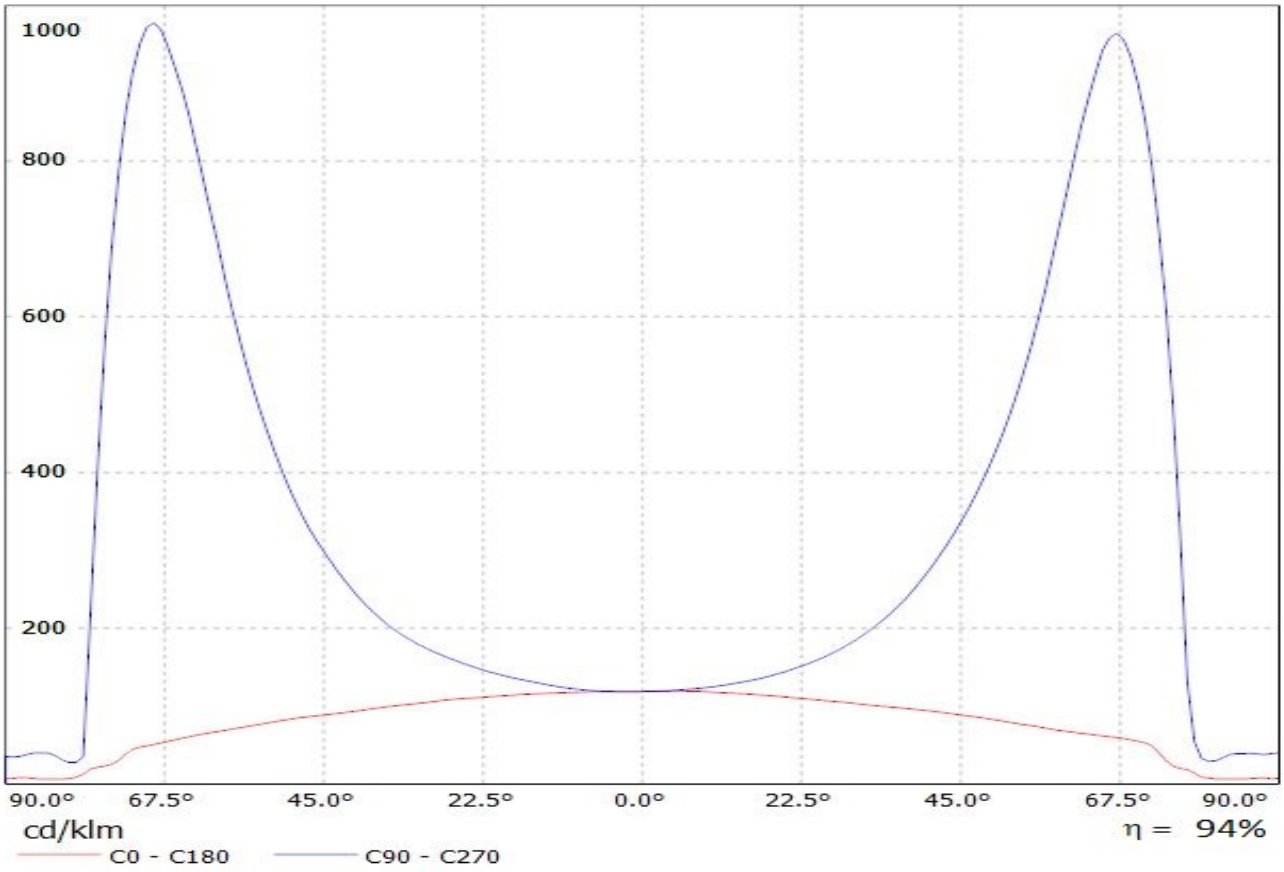
Luminaire: LEDiL Oy C15135_STRADA-2X2-T1_(XD16_Cluster16)
Lamps: 1 x Cree_XD16_2x2cluster_(XD16AWT-H-2B0-S20-0B-002)_1763.39lm@250mA_CCT=5700K_P=10.926W_U=43.738V



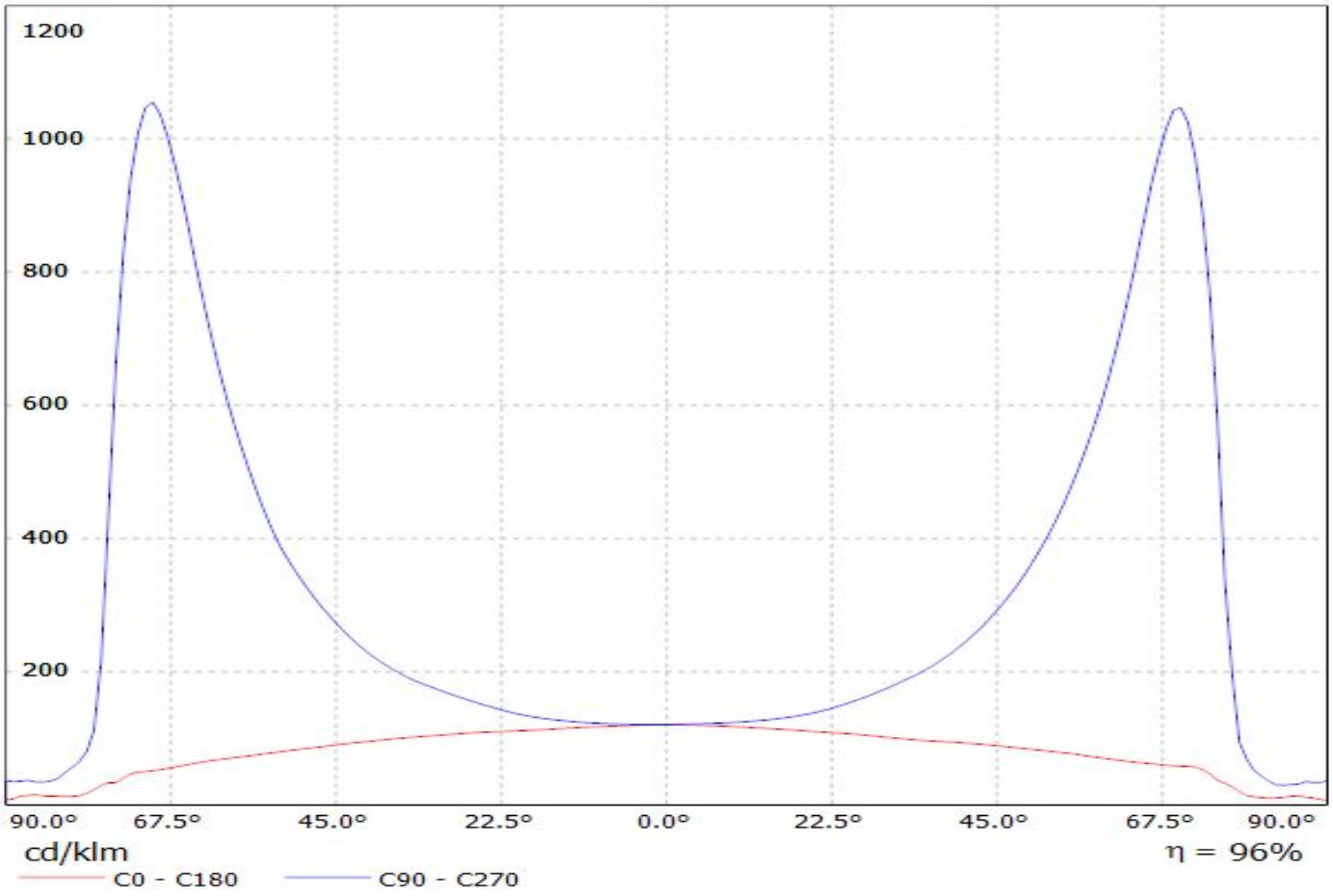
Luminaire: Ledil C15135_STRADA-2X2-T1_(H35C1)
Lamps: 1 x LG_H35C1_2x2_477.216lm@250mA_P=2.87475W_I=0.250A



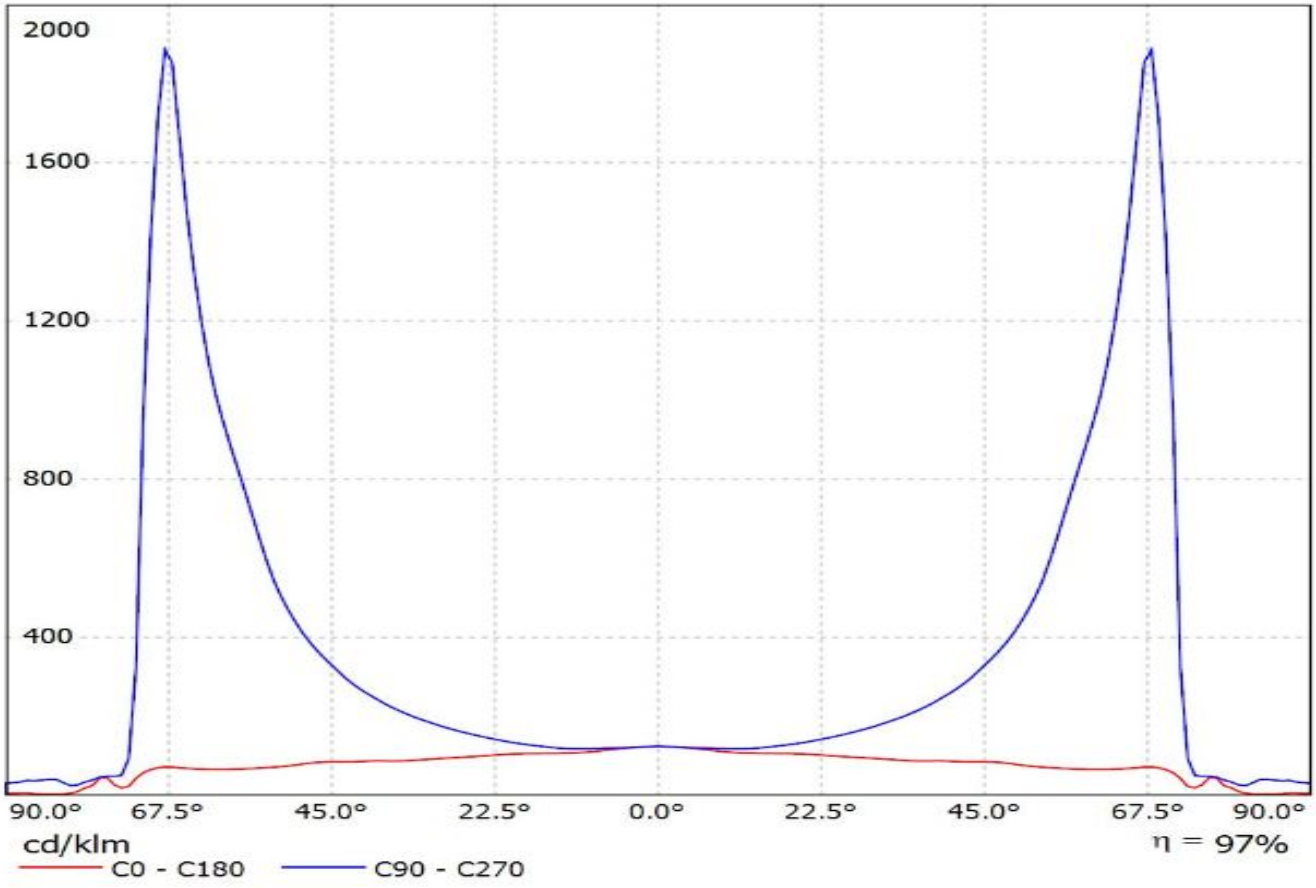
Luminaire: LEDiL Oy C15135_STRADA-2X2-T1_(Luxeon_5050)
Lamps: 1 x Luxeon_5050_2x2_1270.76lm@80mA_CCT=5700K_P=7.35815W_I=0.080A_70CRI



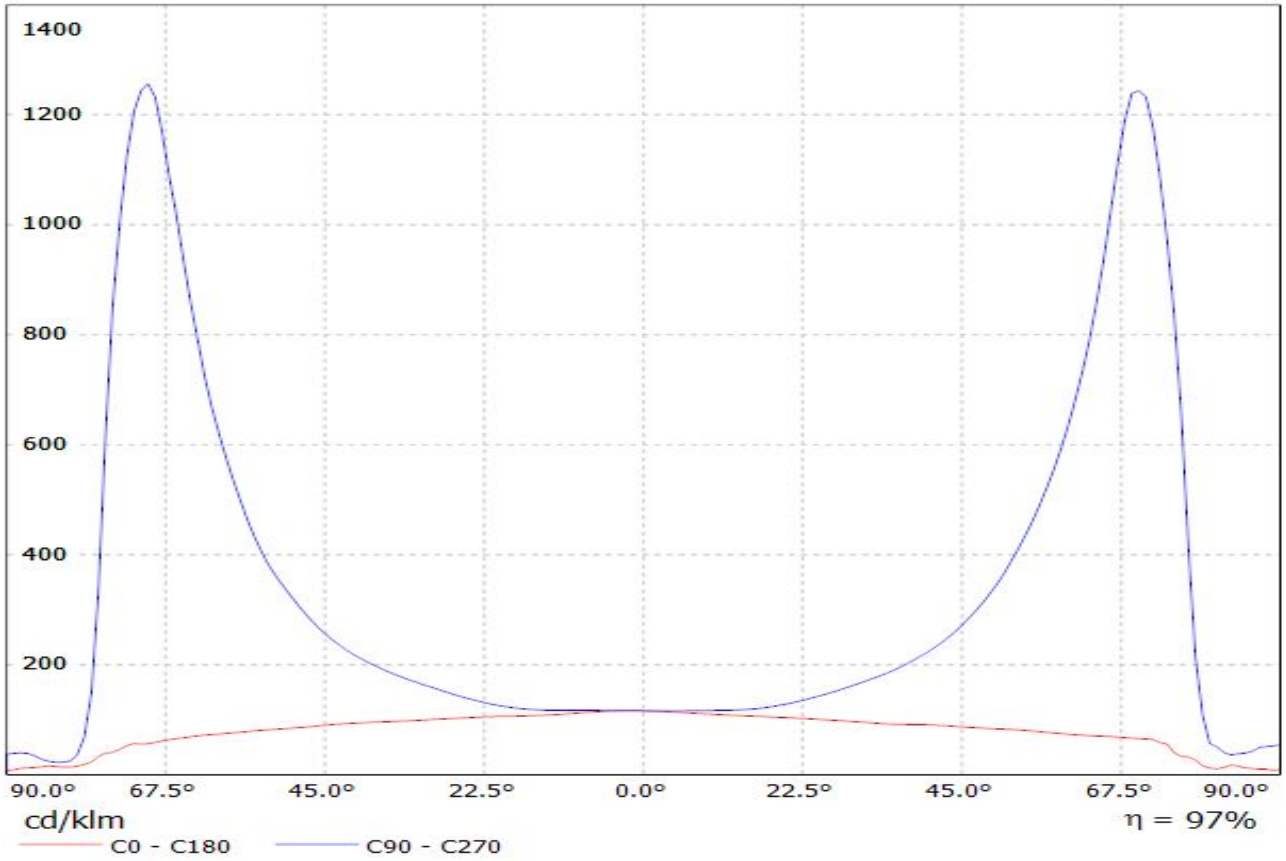
Luminaire: LEDiL Oy C15135_STRADA-2X2-T1_(Luxeon_V)
Lamps: 1 x Lumileds_Luxeon_V_2x2_486.24lm@250mA_CCT=4000K_P=2.7538W_I=0.250A



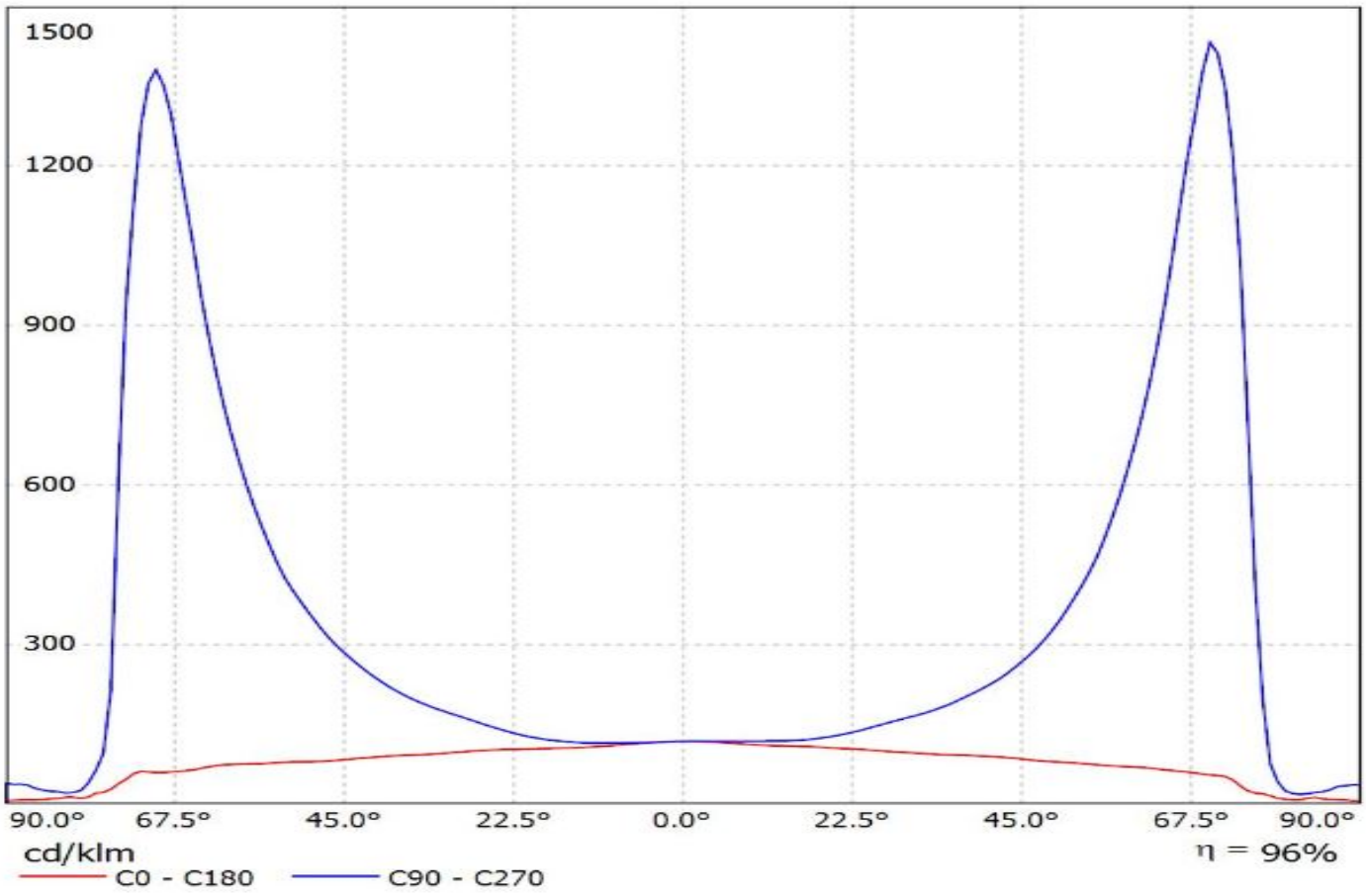
Luminaire: LEDiL Oy C15135_STRADA-2X2-T1_(Nichia_E21A)
Lamps: 1 x Nichia_E21A_452.514lm@250mA_P=2.806W_I=0.250A



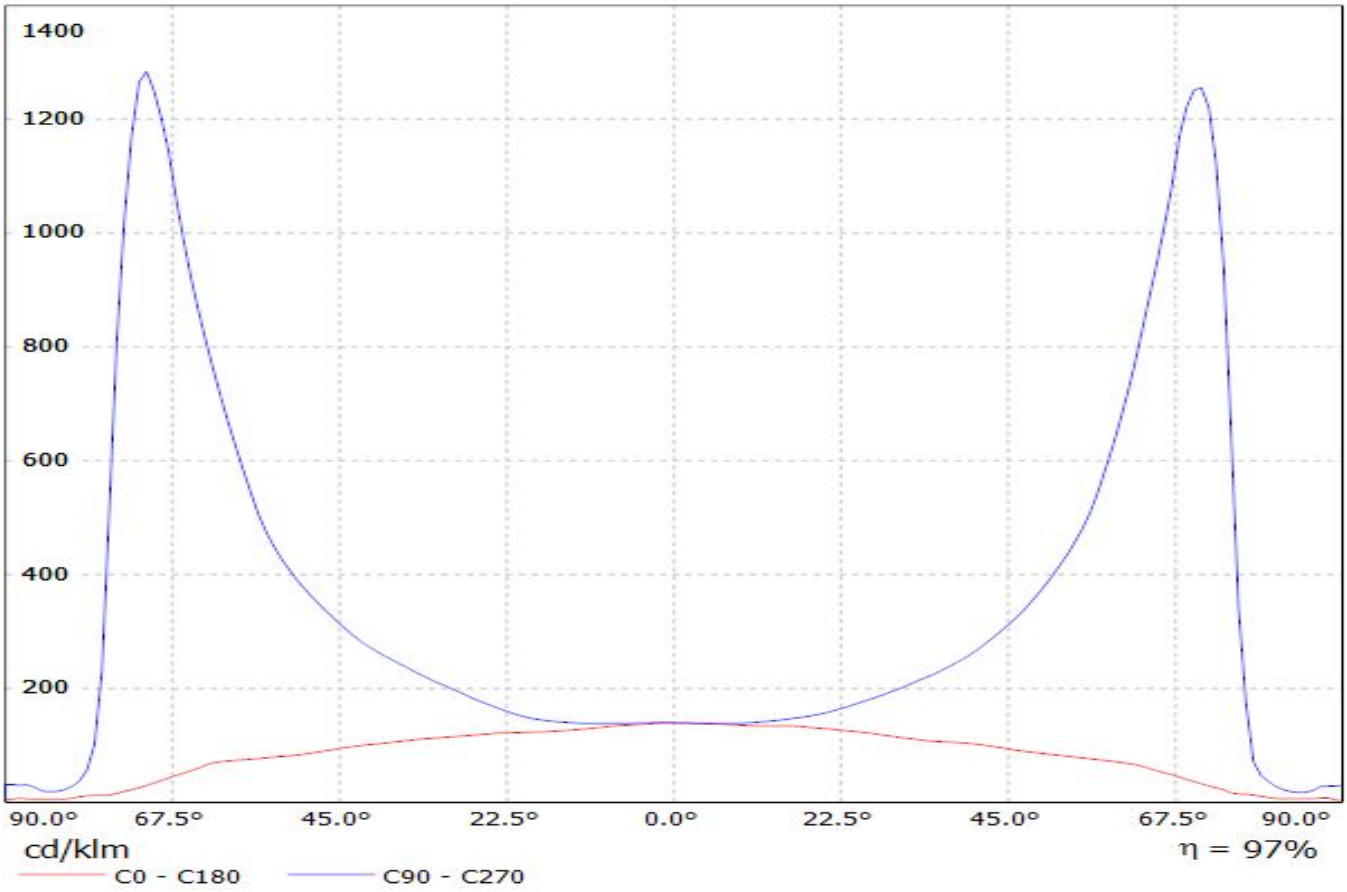
Luminaire: LEDiL Oy C15135_STRADA-2X2-T1_(NVSW319AE)
Lamps: 1 x Nichia_NVSW319AE_499.093lm@250mA_P=2.79052W_I=0.25A



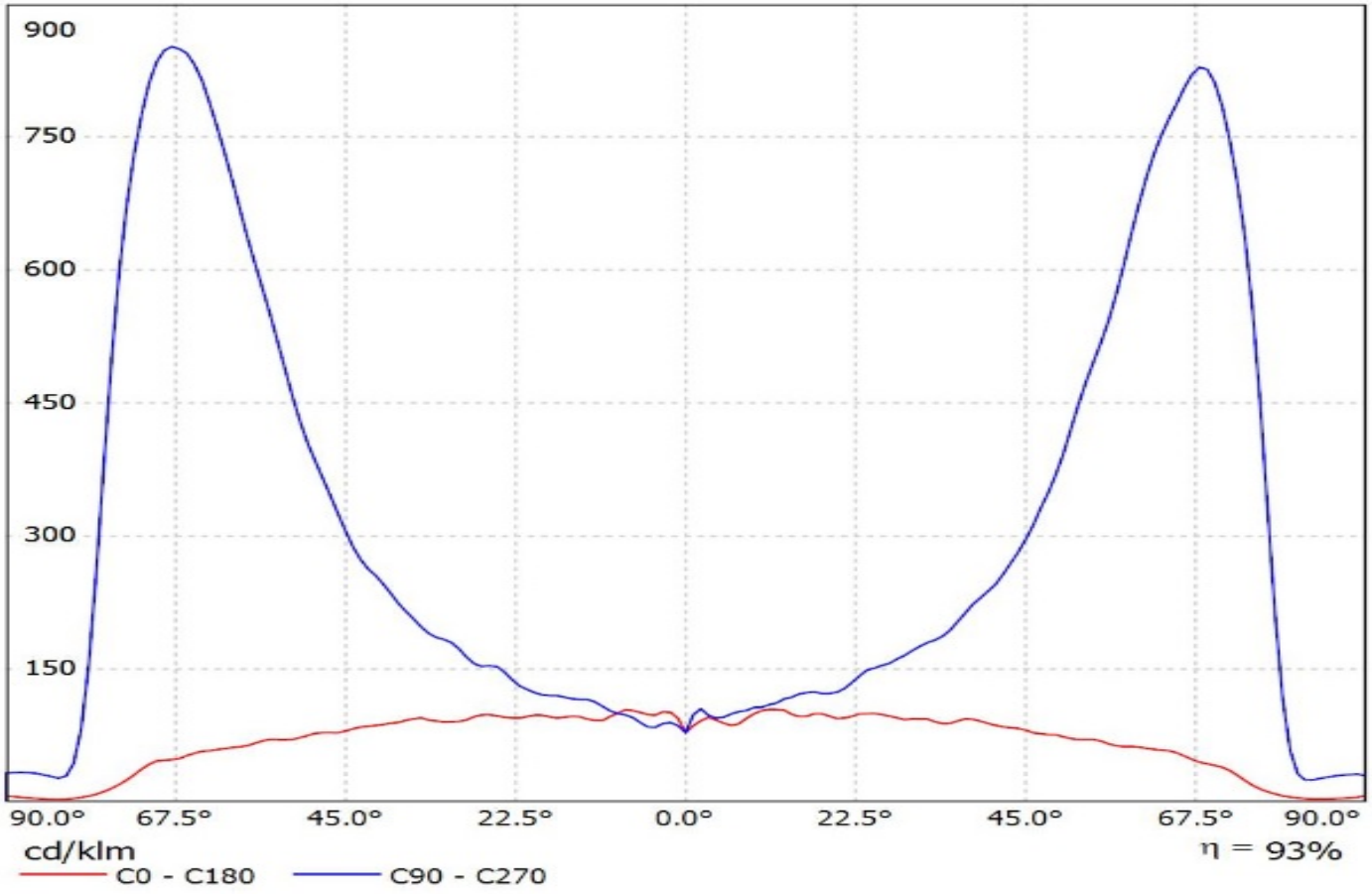
Luminaire: Ledil C15135_STRADA-2X2-T1_(NVSL219CE)
Lamps: 1 x Nichia_NVSL219CE_2x2_478.77lm@250mA_P=2.84436W_I=0.25A



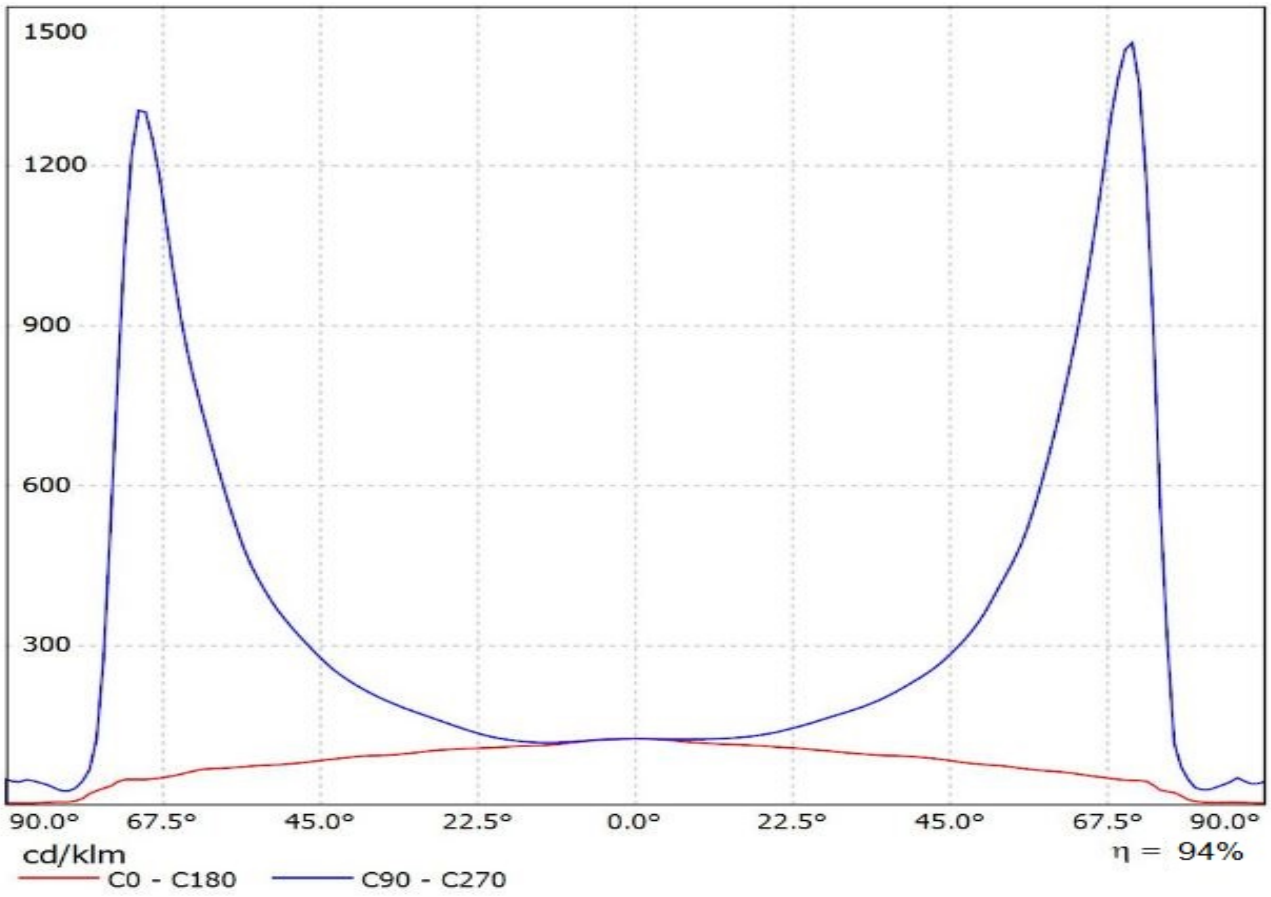
Luminaire: LEDiL Oy C15135_STRADA-2X2-T1_(NVSW219D)
Lamps: 1 x Nichia_NVSW219D_516.635lm@250mA_P=2.82399W_CCT=4000K_I=0.250A



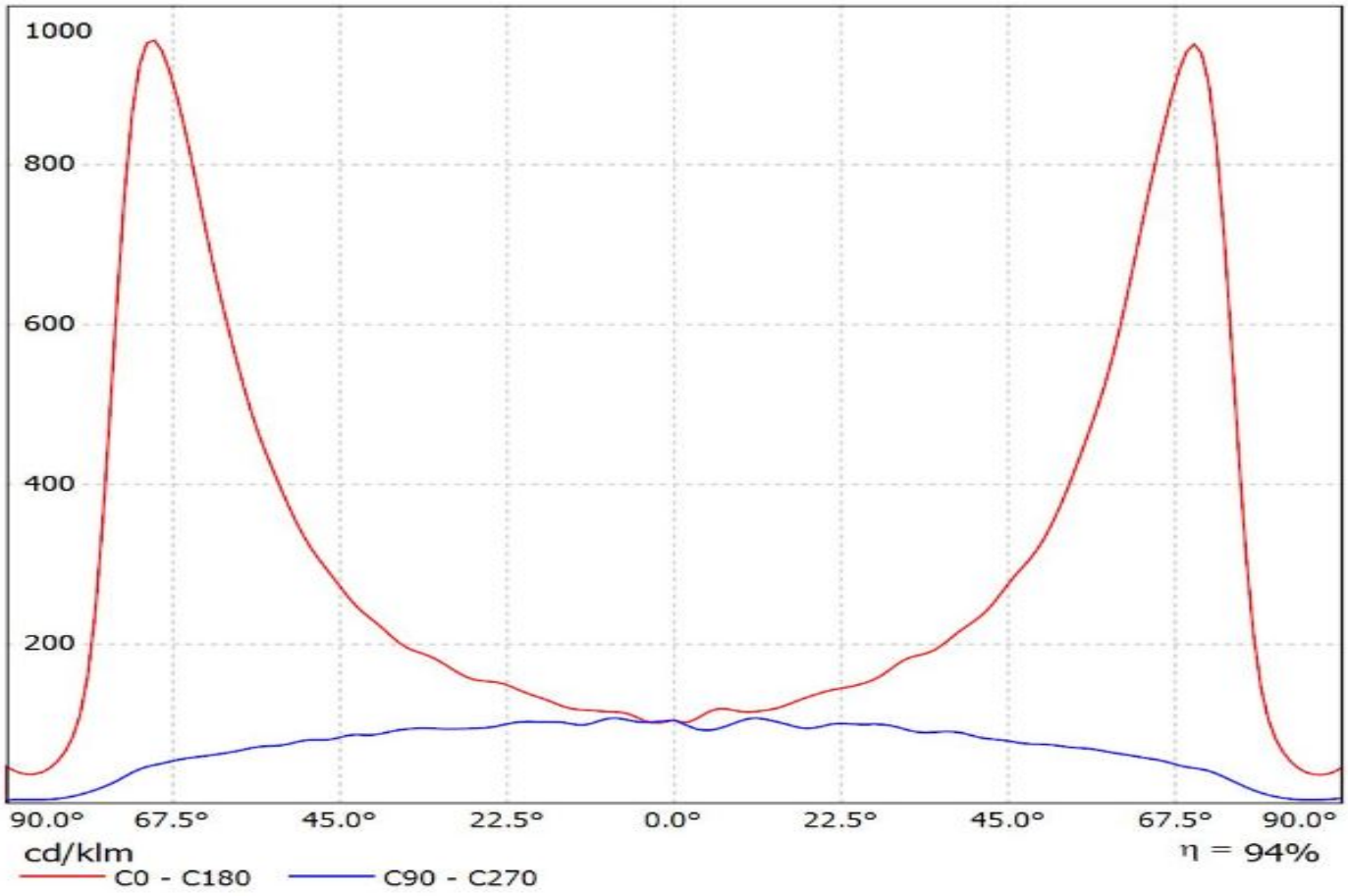
Luminaire: Ledil Oy C15135_STRADA-2X2-T1_(Duris_S8)_SIMULATED
Lamps: 1 x Osram Duris S8 (GW P9LT31.EM)



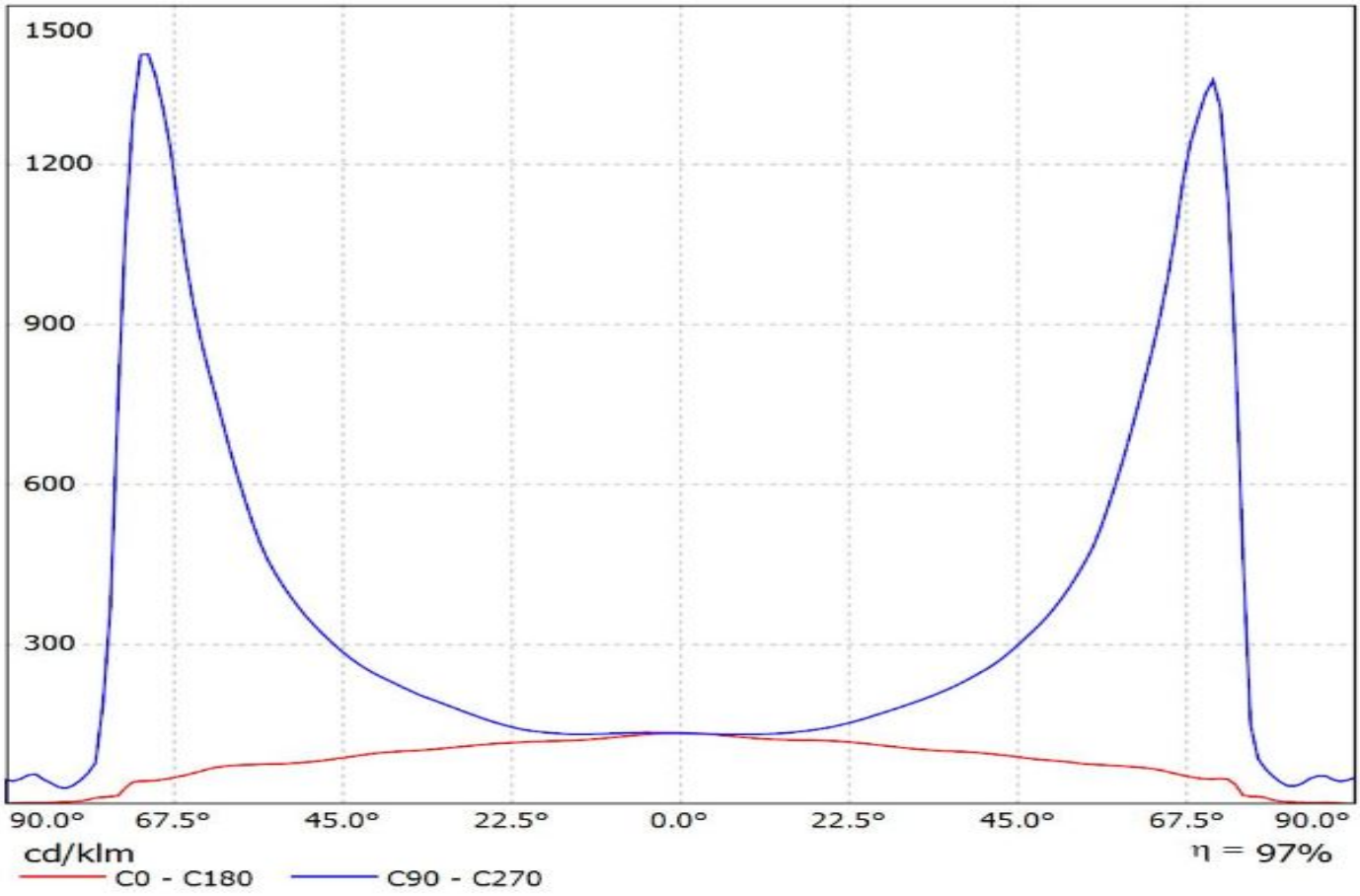
Luminaire: Ledil C15135_STRADA-2X2-T1_(Square_Gen3)
Lamps: 1 x Osram_Square_Gen3_(GW_CSSRM2.PM)_461.082lm@250mA_P=2.79075W_I=0.250A



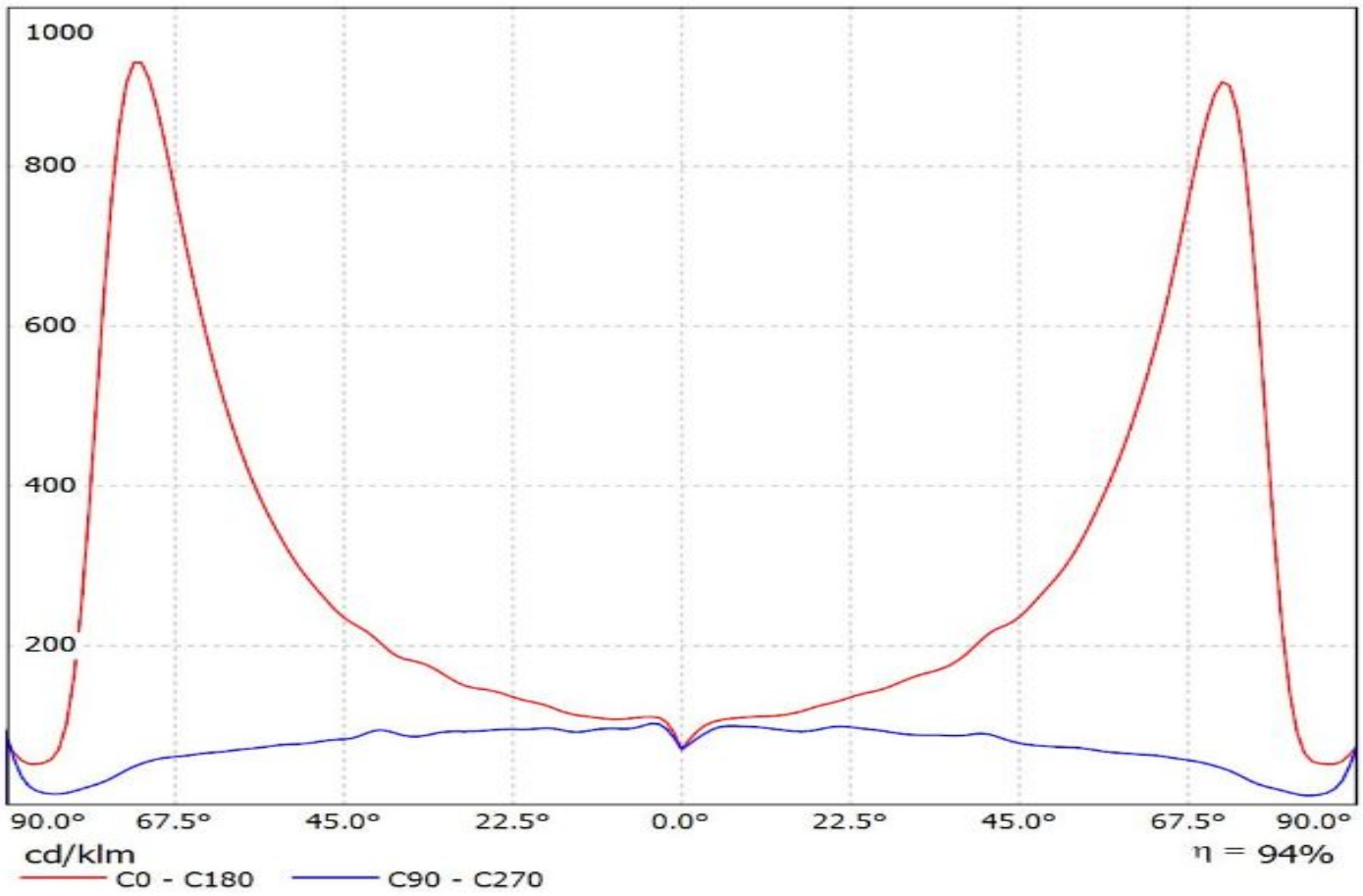
Luminaire: Ledil Oy C15135_STRADA-2X2-T1_OSRAM_DURIS_P9_SIMULATED
Lamps: 1 x OSRAM DURIS P9



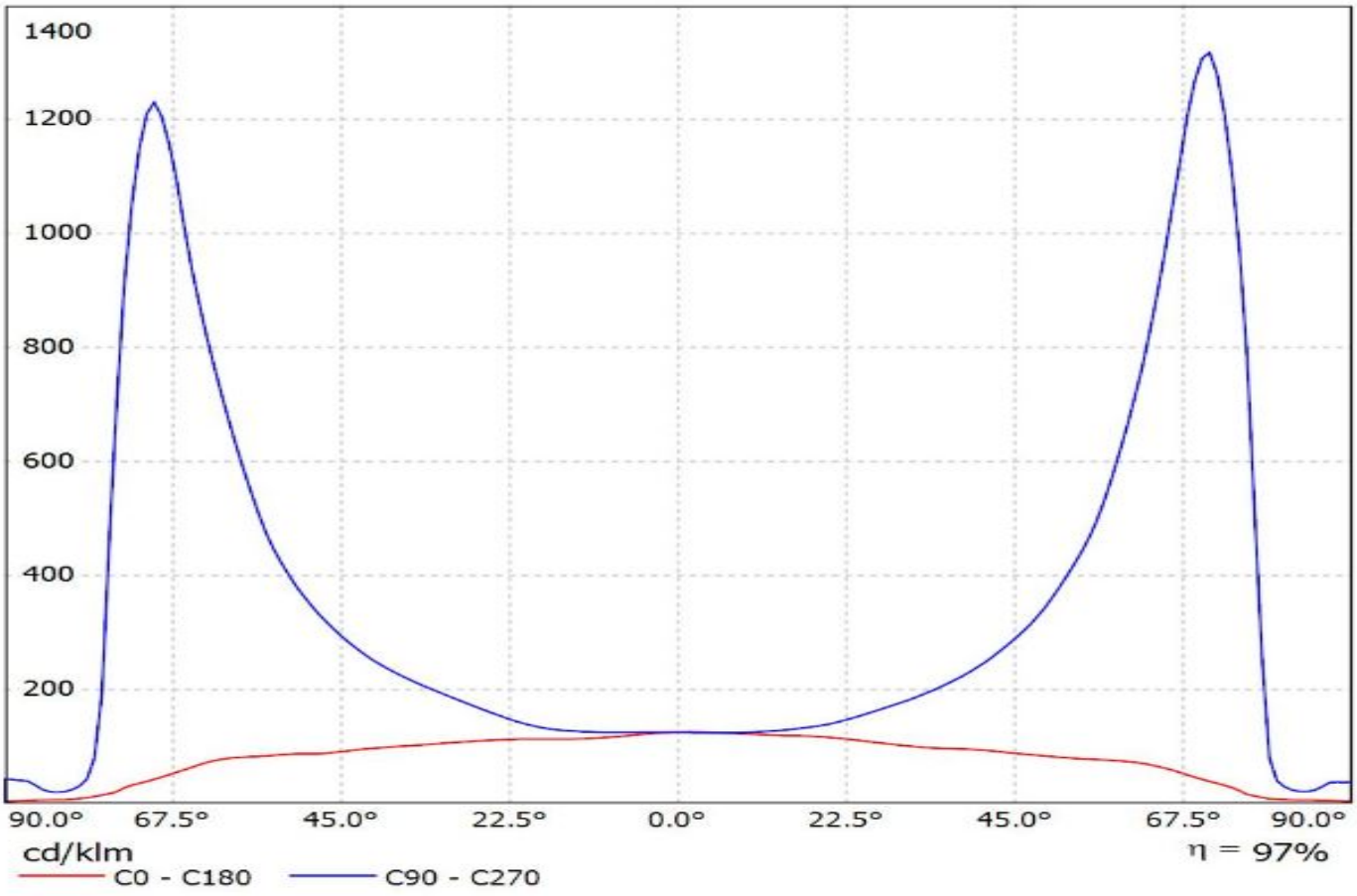
Luminaire: Ledil C15135_STRADA-2X2-T1_(Fortimo_FastFlex_LED_board_2x8/740_DA_G3)
Lamps: 1 x Fortimo_FastFlex_LED_board_2x8/740_DA_G3_1828.23lm@250mA_P=11.667W_I=0.25A



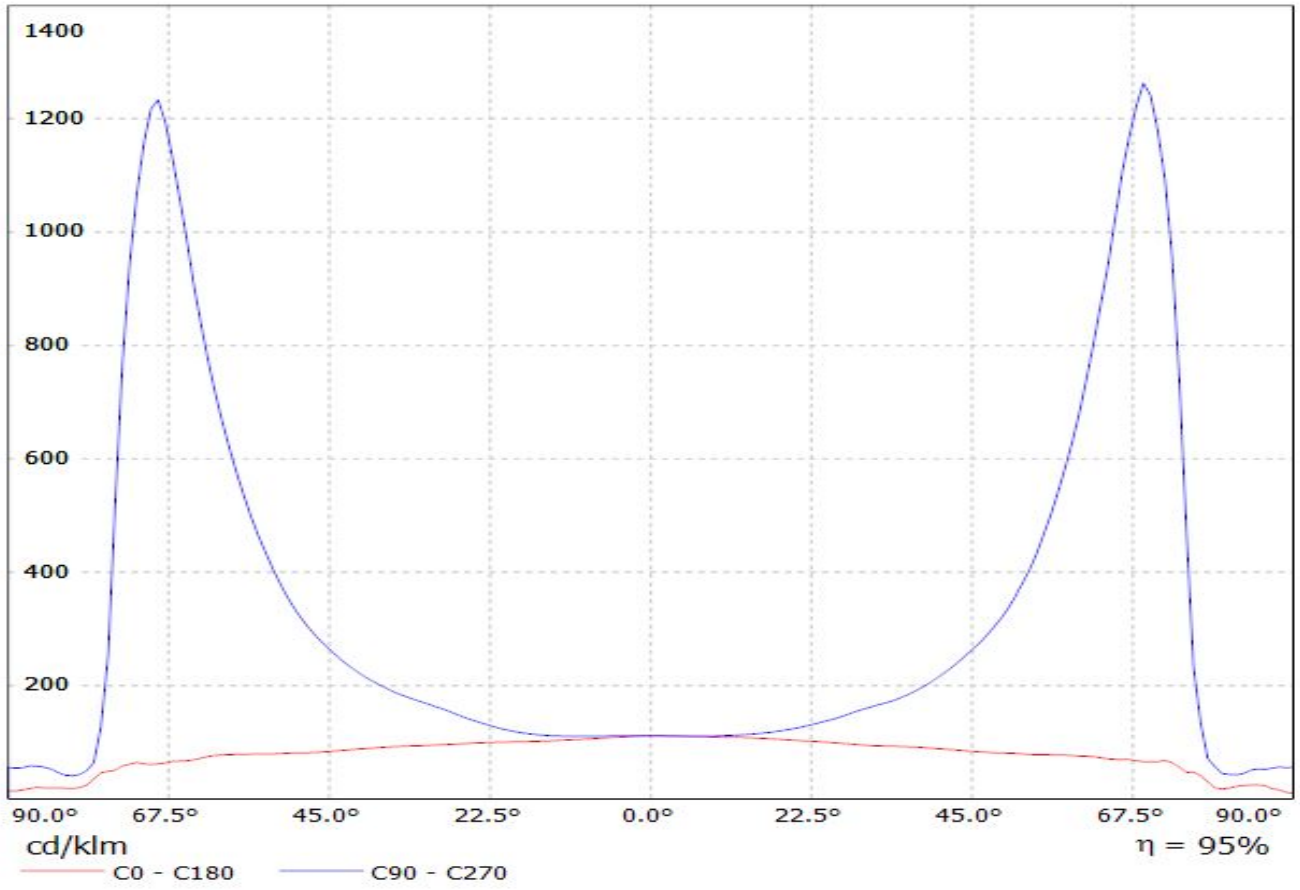
Luminaire: Ledil Oy C15135_STRADA-2X2-T1_Fortimo FastFlex LED board 2x8 DAX G4_SIMULATED
Lamps: 1 x Fortimo FastFlex LED board 2x8 DAX G4



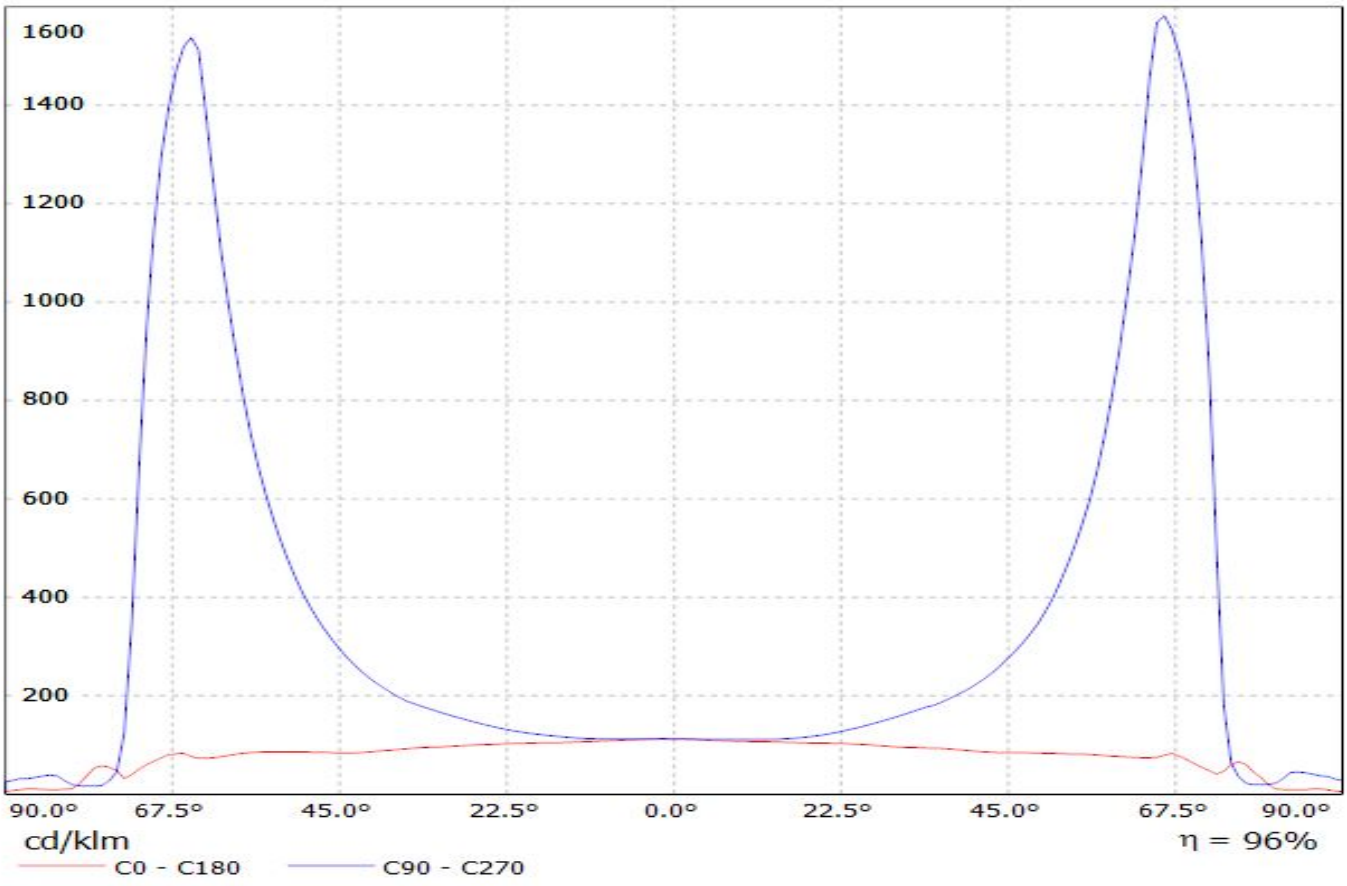
Luminaire: Ledil C15135_STRADA-2X2-T1_(LH351B)
Lamps: 1 x Samsung_LH351B_2x2_444.178lm@250mA_P=2.8535W_I=0.25A



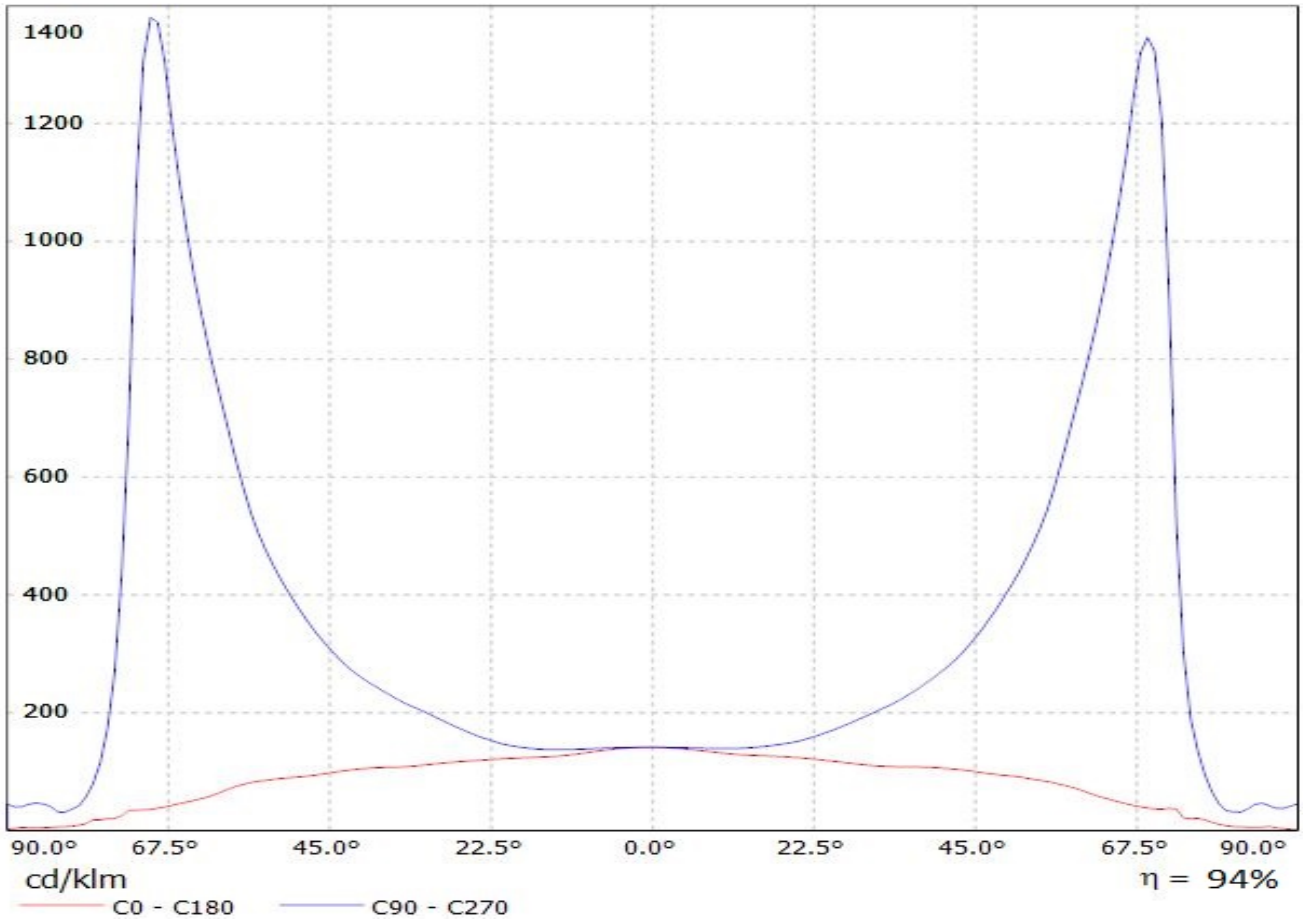
Luminaire: LEDiL Oy C15135_STRADA-2X2-T1_(Z8Y22+)
Lamps: 1 x Seoul_Z8Y22+_(W6E2G)_498.702lm@250mA_P=2.72132W_I=0.250A



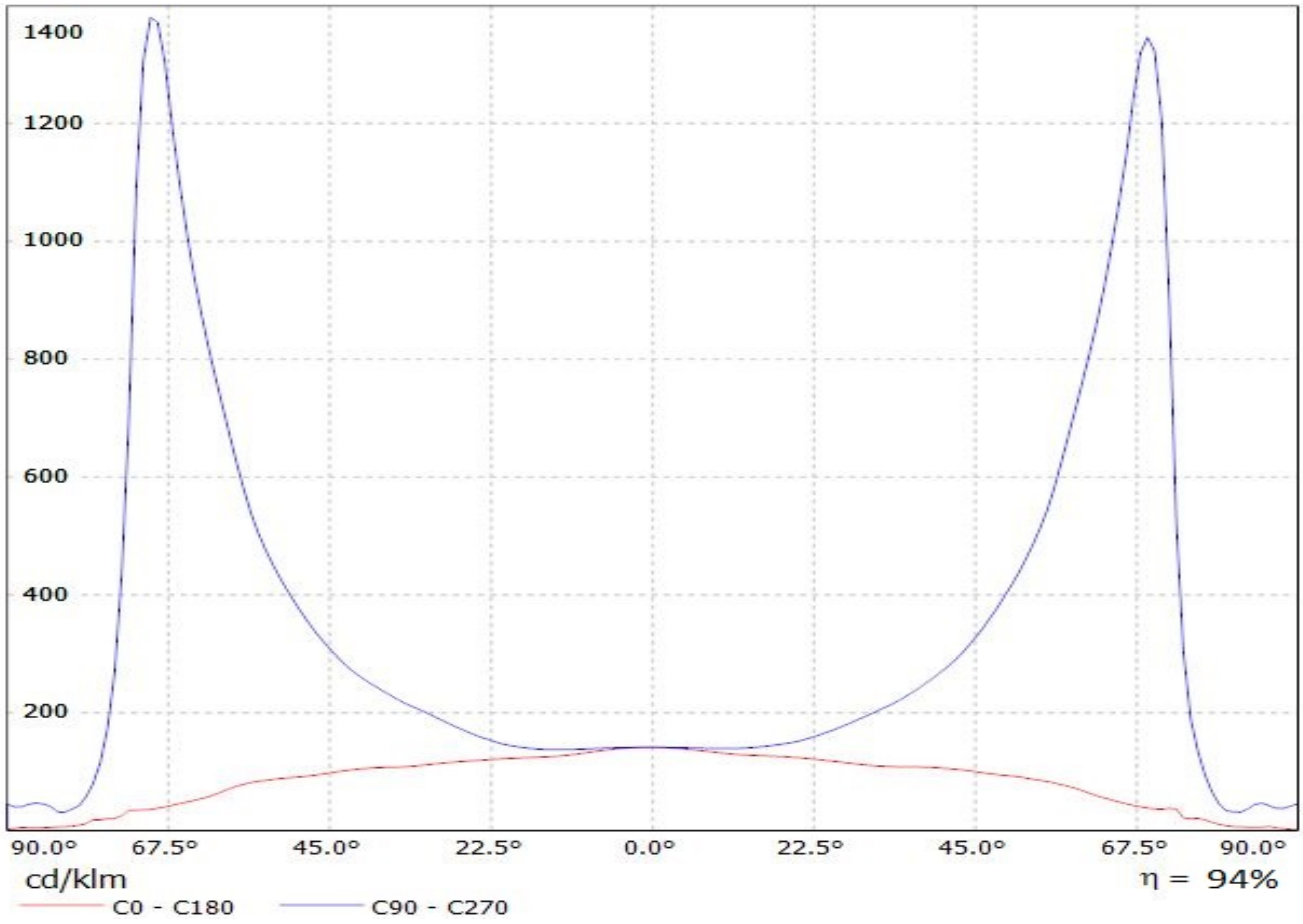
Luminaire: LEDiL Oy C15135_STRADA-2X2-T1_(Z8Y22)
Lamps: 1 x Seoul_Wicop_Z8Y22_497.373lm@250mA_P=2.80076W_U=11.211V



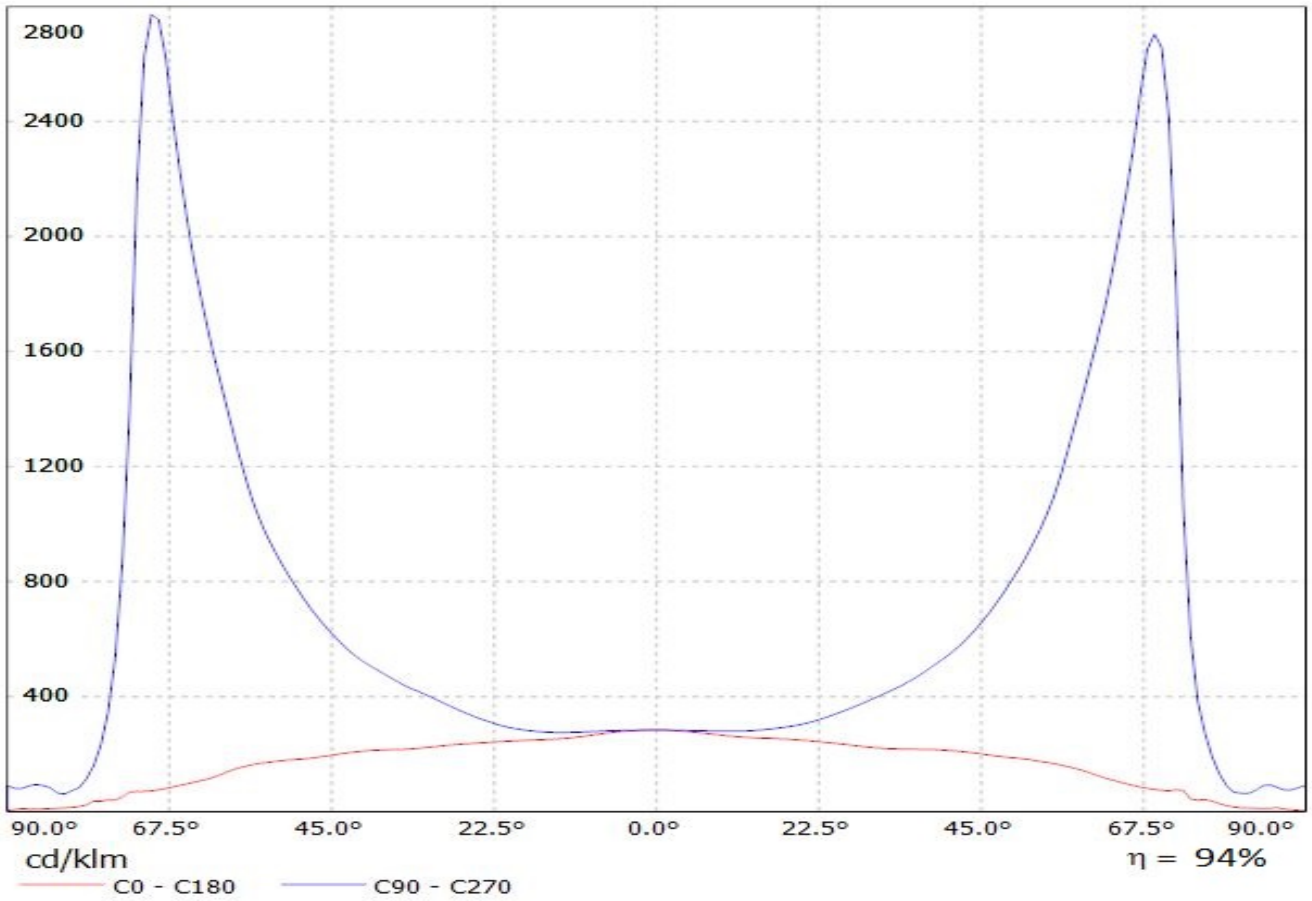
Luminaire: LEDiL Oy C15135_STRADA-2X2-T1_(Tridonic_Module_RLE_G1)
Lamps: 1 x Tridonic_Module_RLE_G1_4594.42lm@700mA_P=32.1515W_I=0.700A



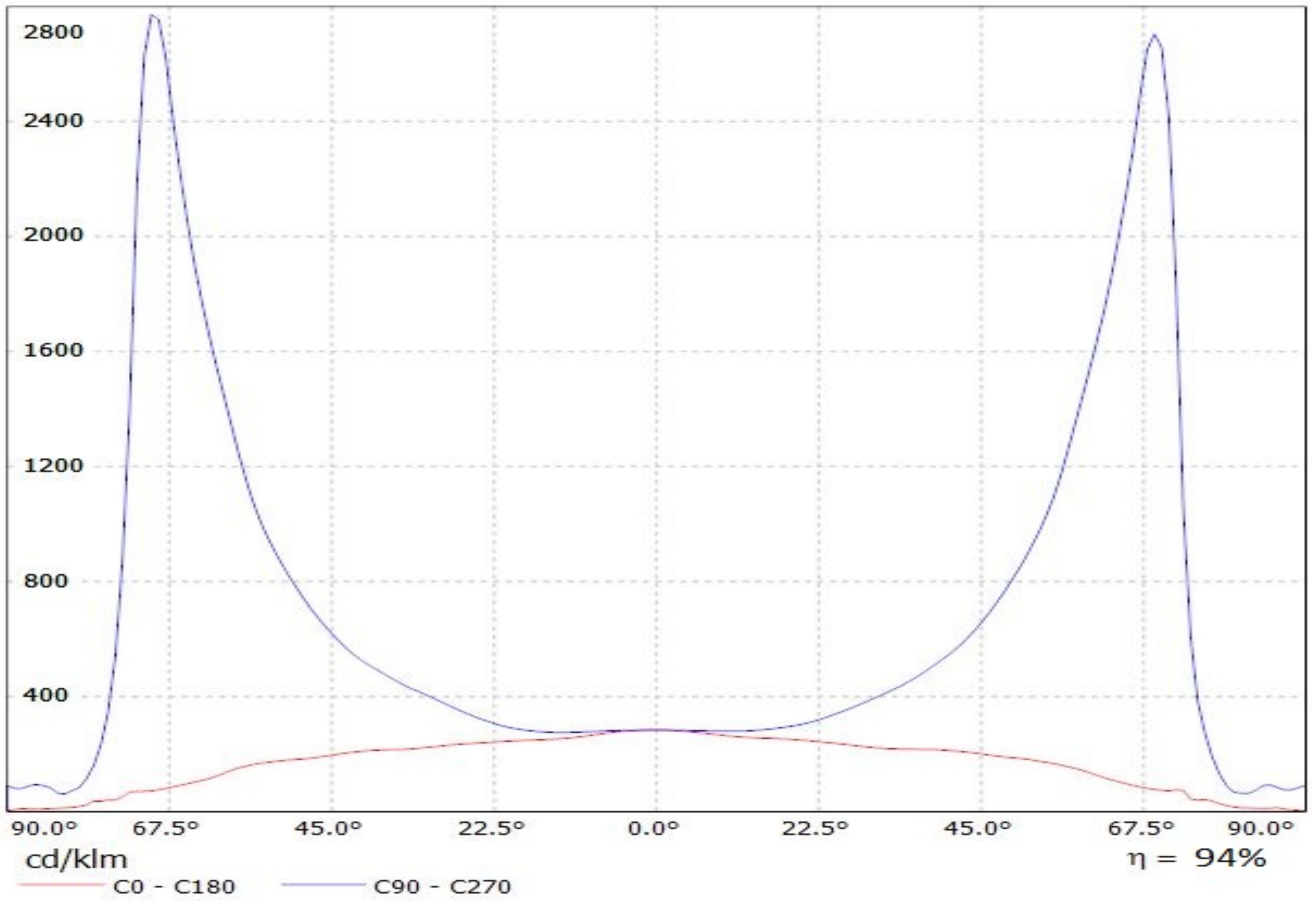
Luminaire: LEDiL Oy C15135_STRADA-2X2-T1_(Tridonic_Module_RLE_G1)
Lamps: 1 x Tridonic_Module_RLE_G1_4594.42lm@700mA_P=32.1515W_I=0.700A



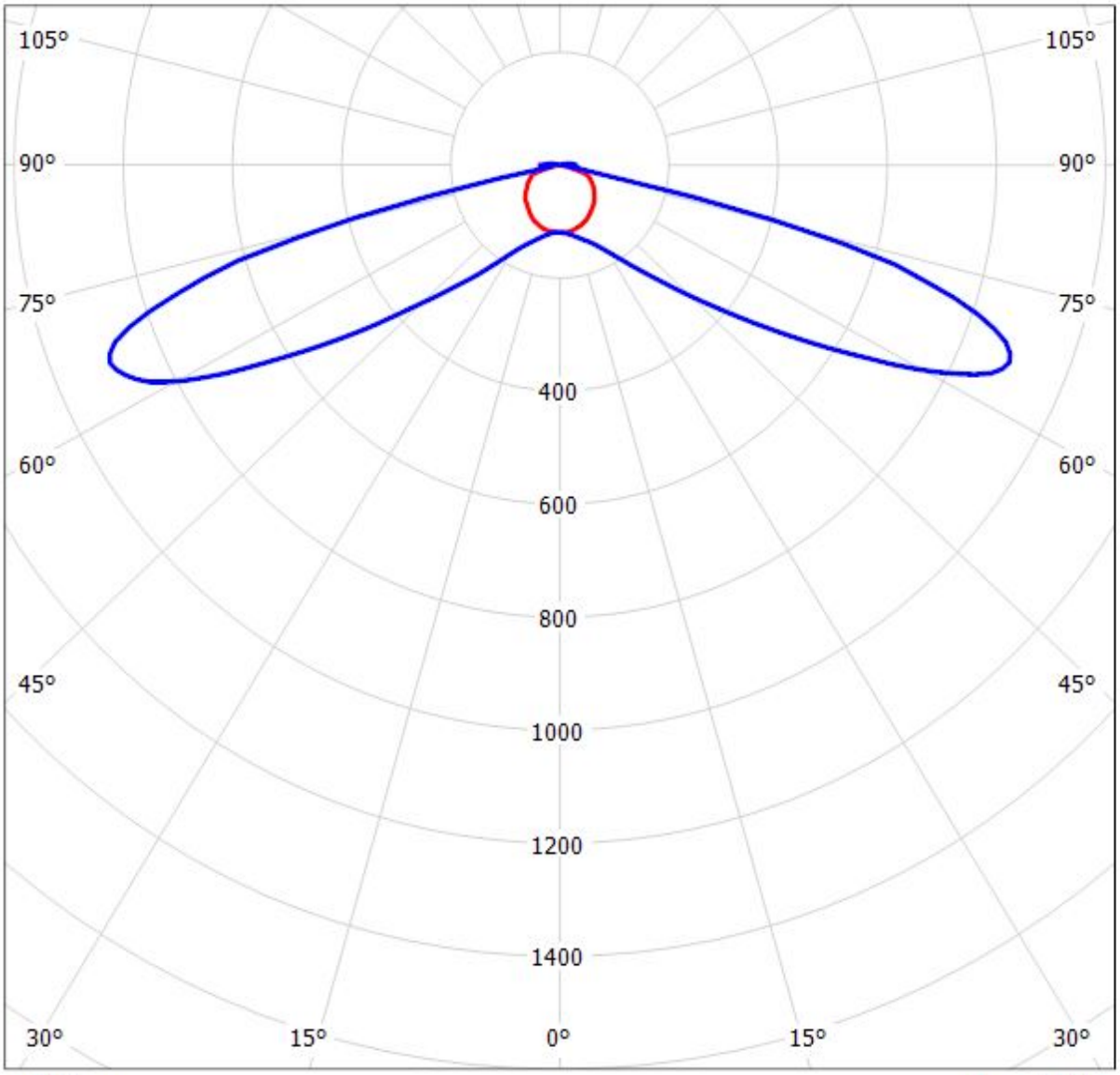
Luminaire: LEDiL Oy C15135_STRADA-2X2-T1_(Tridonic_Module_RLE_G1)
Lamps: 1 x Tridonic_Module_RLE_G1_2288lm@700mA_P=16W_I=0.700A



Luminaire: LEDiL Oy C15135_STRADA-2X2-T1_(Tridonic_Module_RLE_G1)
Lamps: 1 x Tridonic_Module_RLE_G1_2288lm@700mA_P=16W_I=0.700A



Luminaire: LEDiL Oy C15135_STRADA-2X2-T1_(Bridgelux_5050_Gen2)
Lamps: 1 x Bridgelux_5050_Gen2_2x2_(BXEP-57C-435-09B)_1447.45lm@250mA_CCT=5700K_P=8.29761W_I=0.25A

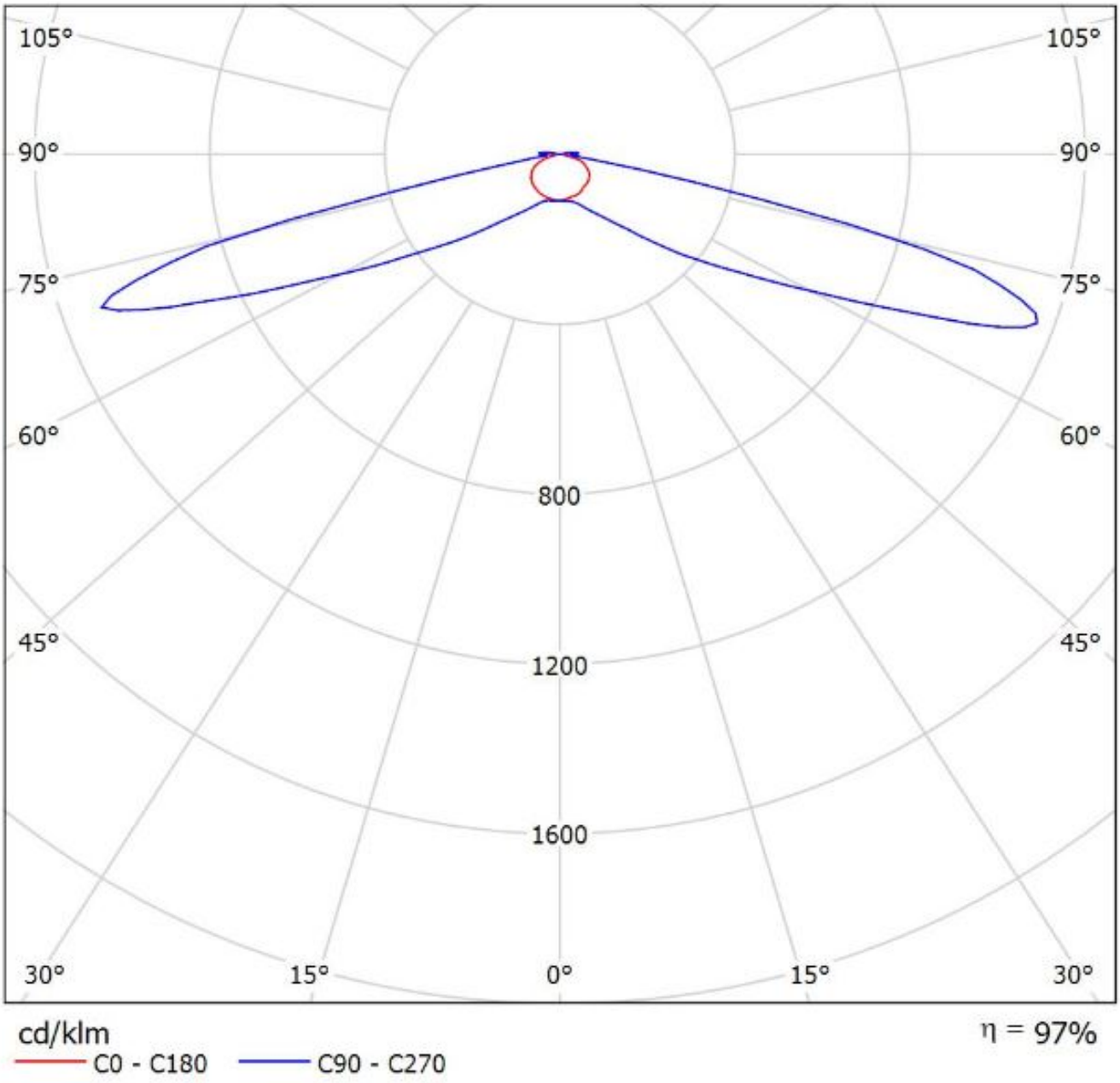


cd/klm

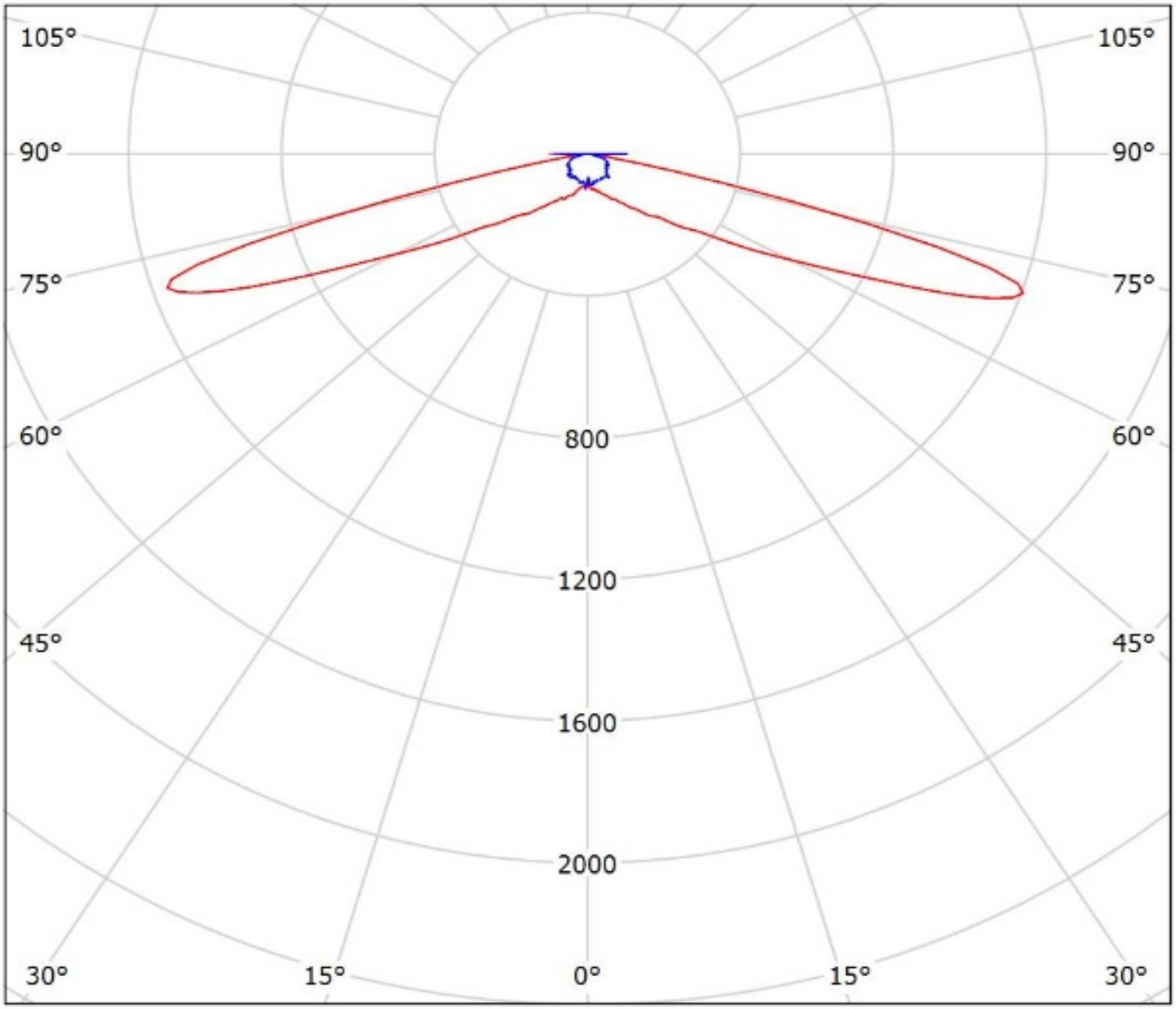
η = 98%

C0 - C180 C90 - C270

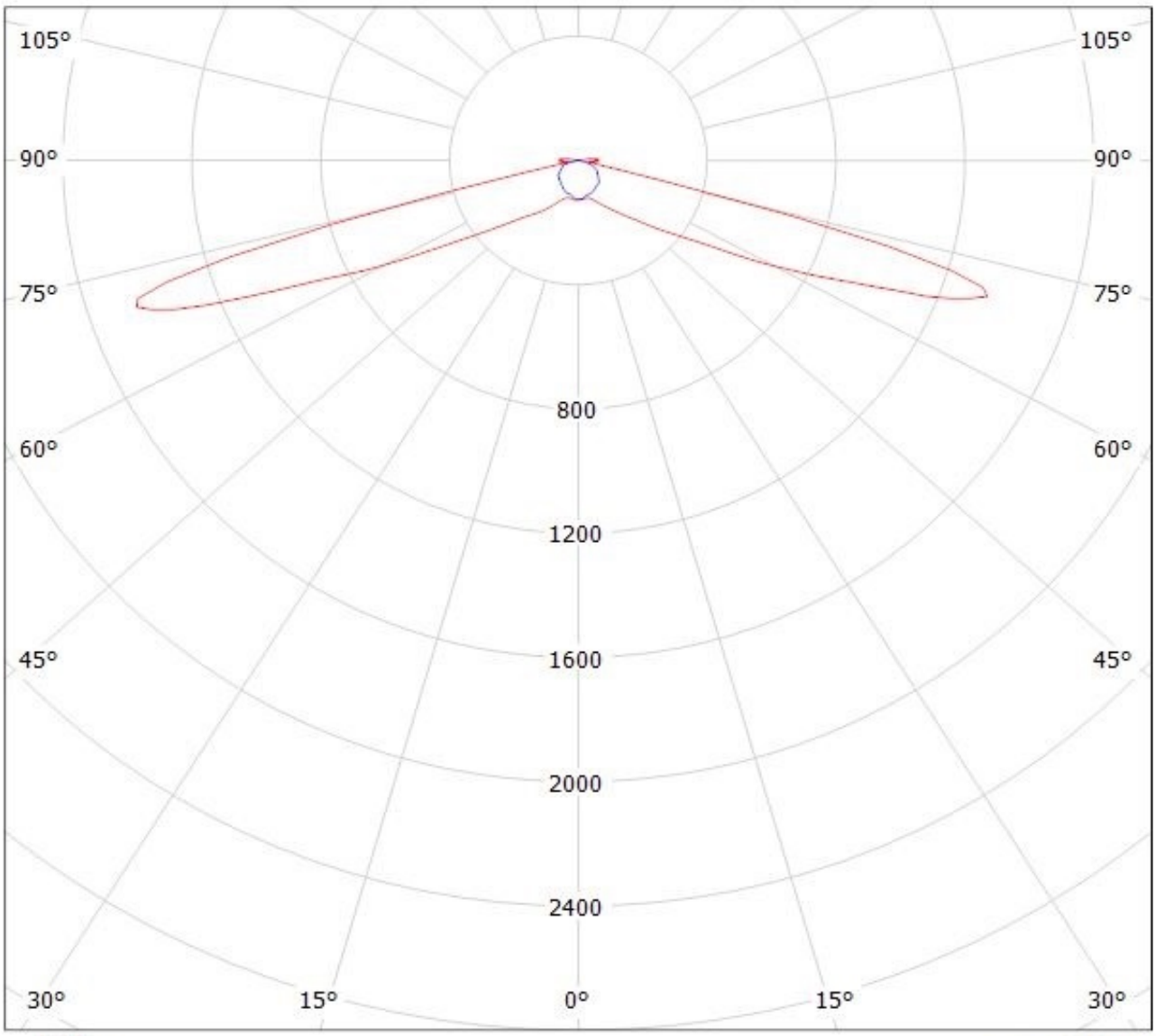
Luminaire: Ledil C15135_STRADA-2X2-T1_(XP-L)_C1
Lamps: 1 x Cree_XP-L_(XPLAWT-0-1B0-V40-00-0001)_509.35lm@250mA_CCT=7600K_P=2.8145W_I=0.25A



Luminaire: Ledil Oy C15135_STRADA-2X2-T1_(XT-E)_SIMULATED C15135_STRADA-2X2-T1_(XT-E)_SIMU
Lamps: 1 x Cree XT-E - 1.00 W



Luminaire: LEDiL Oy C15135_STRADA-2X2-T1_(XP-G2)
Lamps: 1 x Cree_XP-G2_(XPGBWT-L1-000-00-G51)_409.845lm@250mA_P=2.94464_I=0.250A

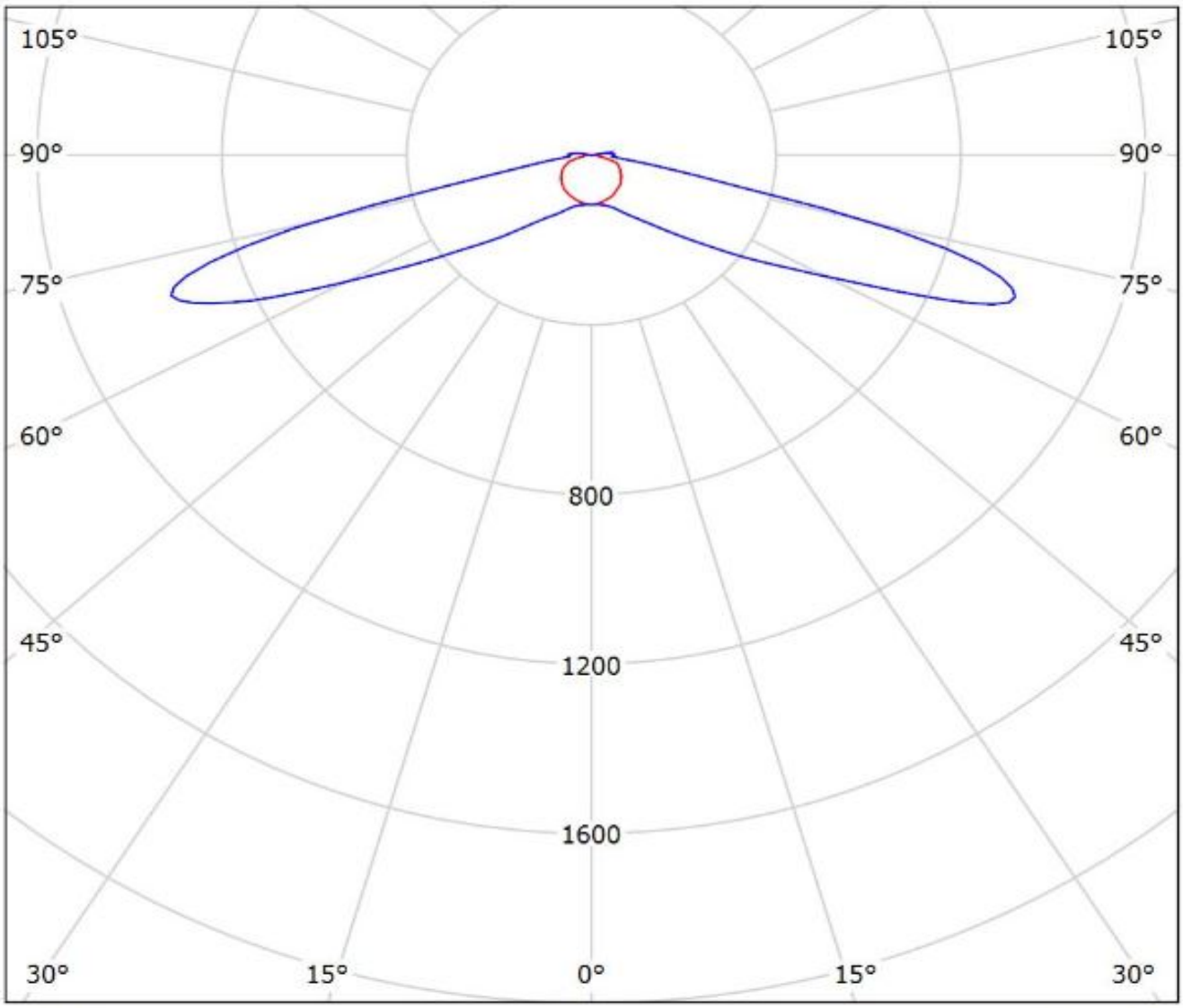


cd/klm

η = 94%

C0 - C180 C90 - C270

Luminaire: Ledil C15135_STRADA-2X2-T1_(XP-L2)
Lamps: 1 x Cree_XP-L2_2x2_(XPLBWT-00-0000-000BV50E3)550.93lm@250mA_P=2.7815W_I=0.25A

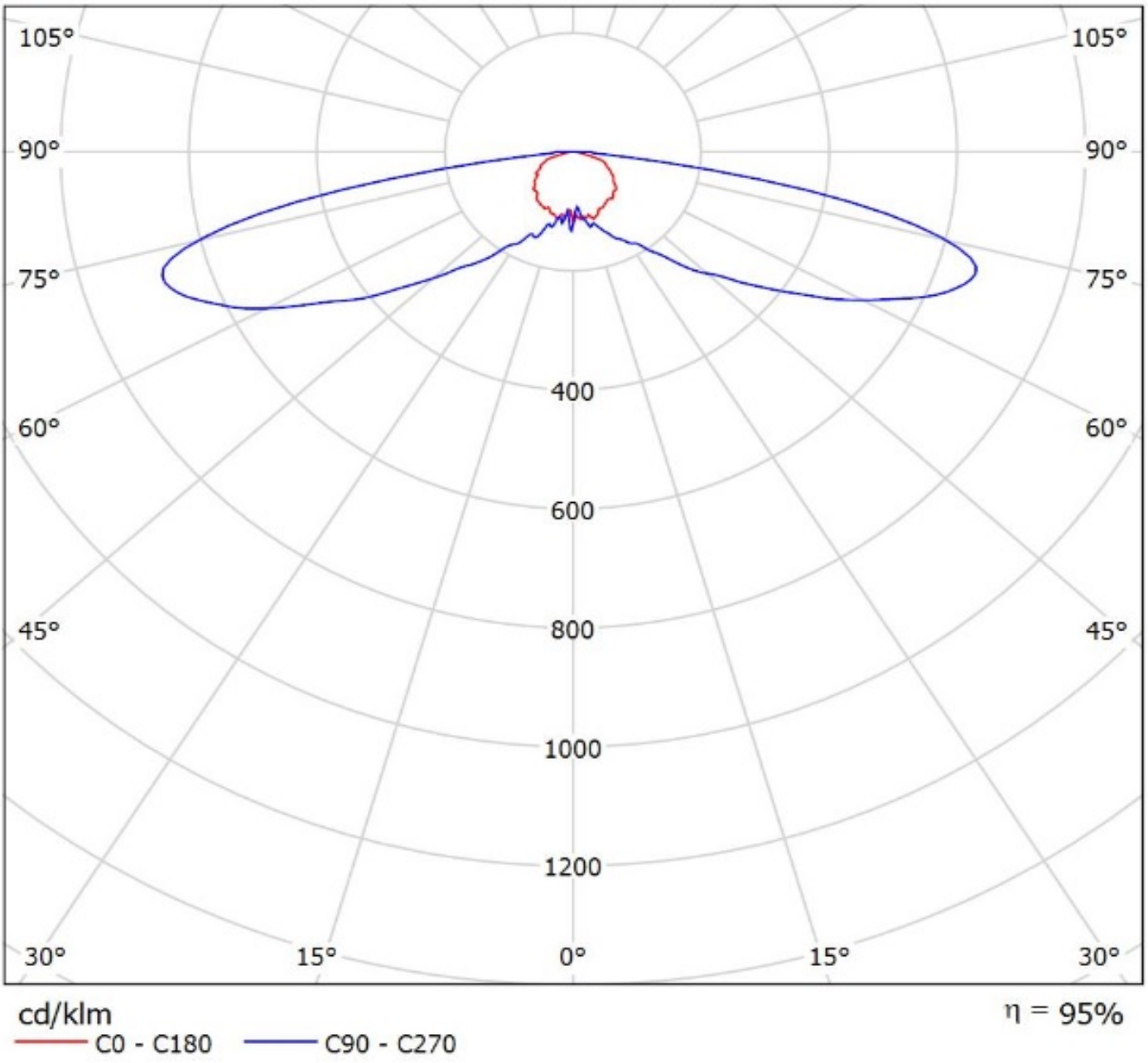


cd/klm

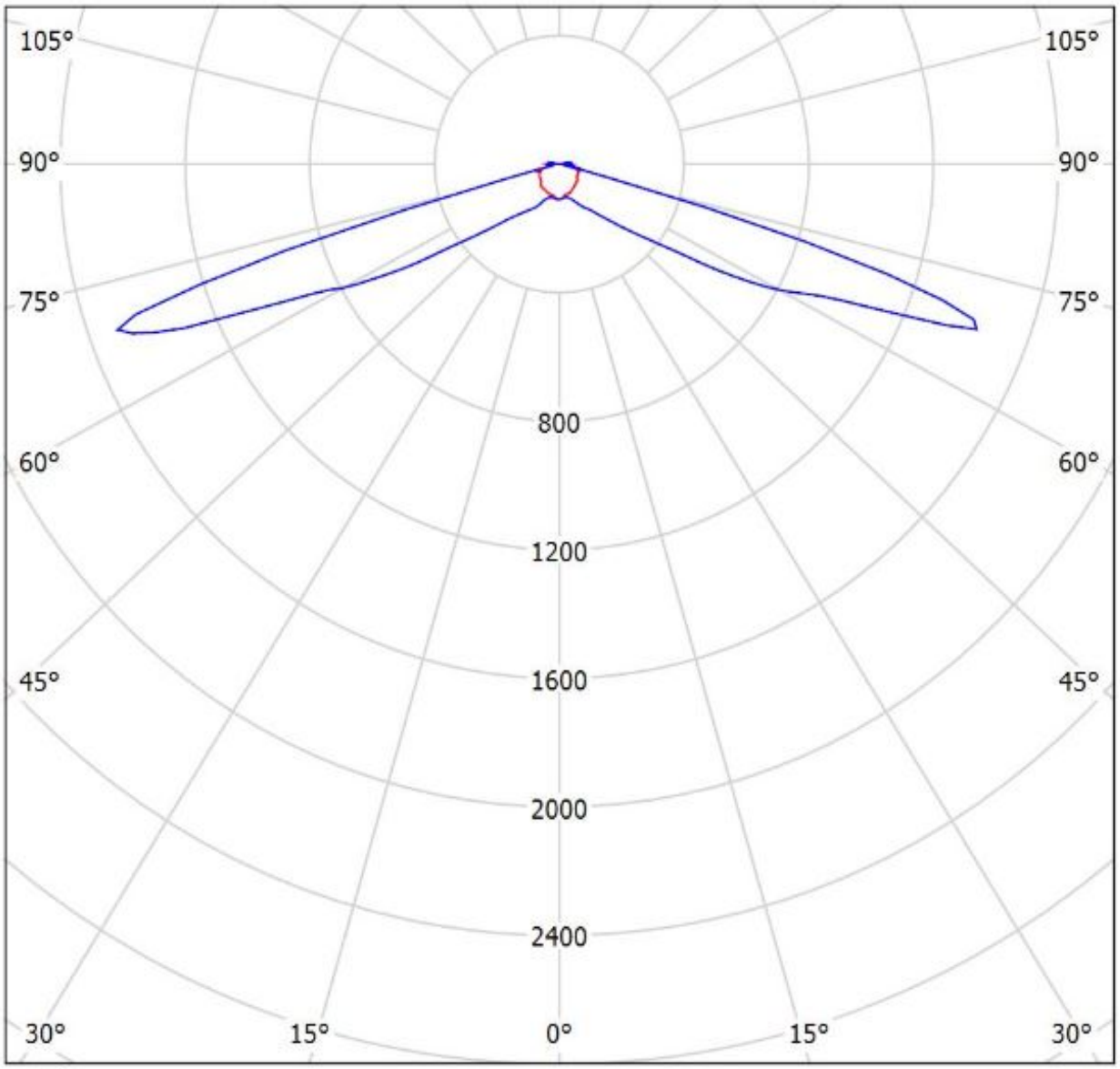
η = 97%

C0 - C180 C90 - C270

Luminaire: Ledil Oy C15135_STRADA-2X2-T1_(MHB-A)_SIMULATED
Lamps: 1 x Cree MHB-A

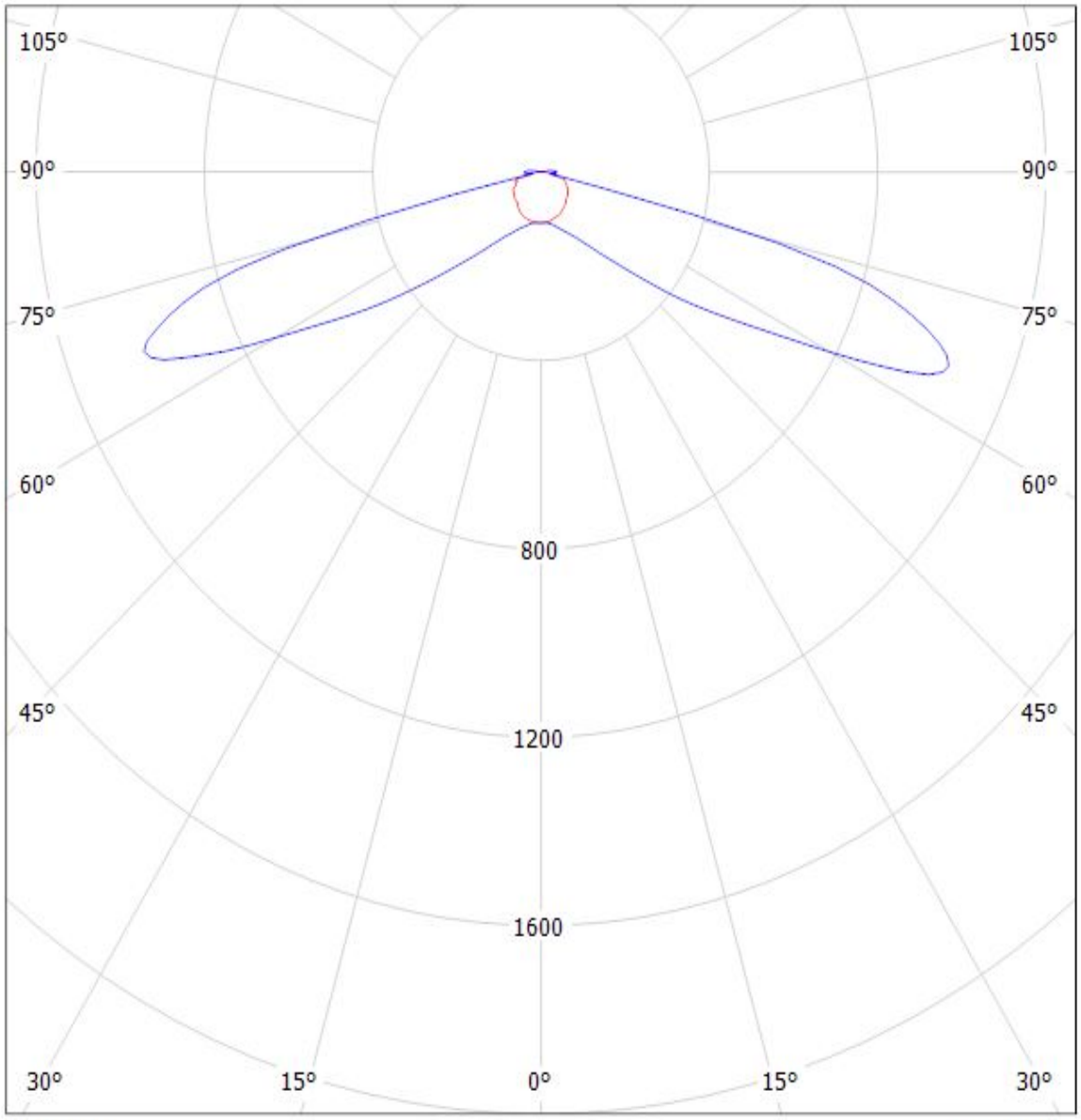


Luminaire: Ledil C15135_STRADA-2X2-T1_(XD16)
Lamps: 1 x Cree_XD16_2x2_(XD16AWT-H-2B0-S20-0B-002)_455.025lm@250mA_CCT=5700K_P=2.78489W_I=0.25A



cd/klm
η = 94%
C0 - C180
C90 - C270

Luminaire: LEDiL Oy C15135_STRADA-2X2-T1_(XD16_Cluster16)
Lamps: 1 x Cree_XD16_2x2cluster_(XD16AWT-H-2B0-S20-0B-002)_1763.39lm@250mA_CCT=5700K_P=10.926W_U=43.738V

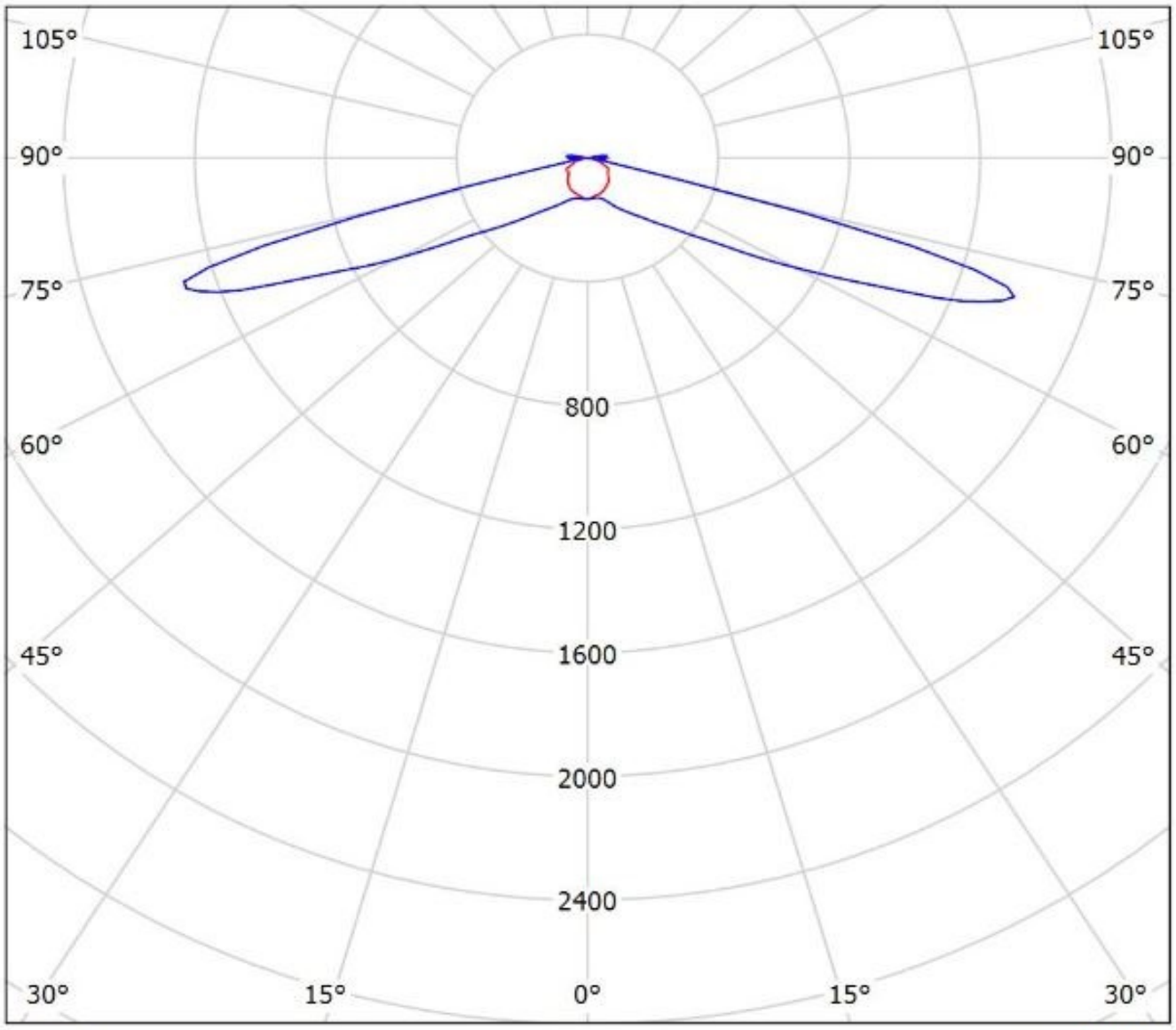


cd/klm

η = 96%

C0 - C180 C90 - C270

Luminaire: Ledil C15135_STRADA-2X2-T1_(H35C1)
Lamps: 1 x LG_H35C1_2x2_477.216lm@250mA_P=2.87475W_I=0.250A

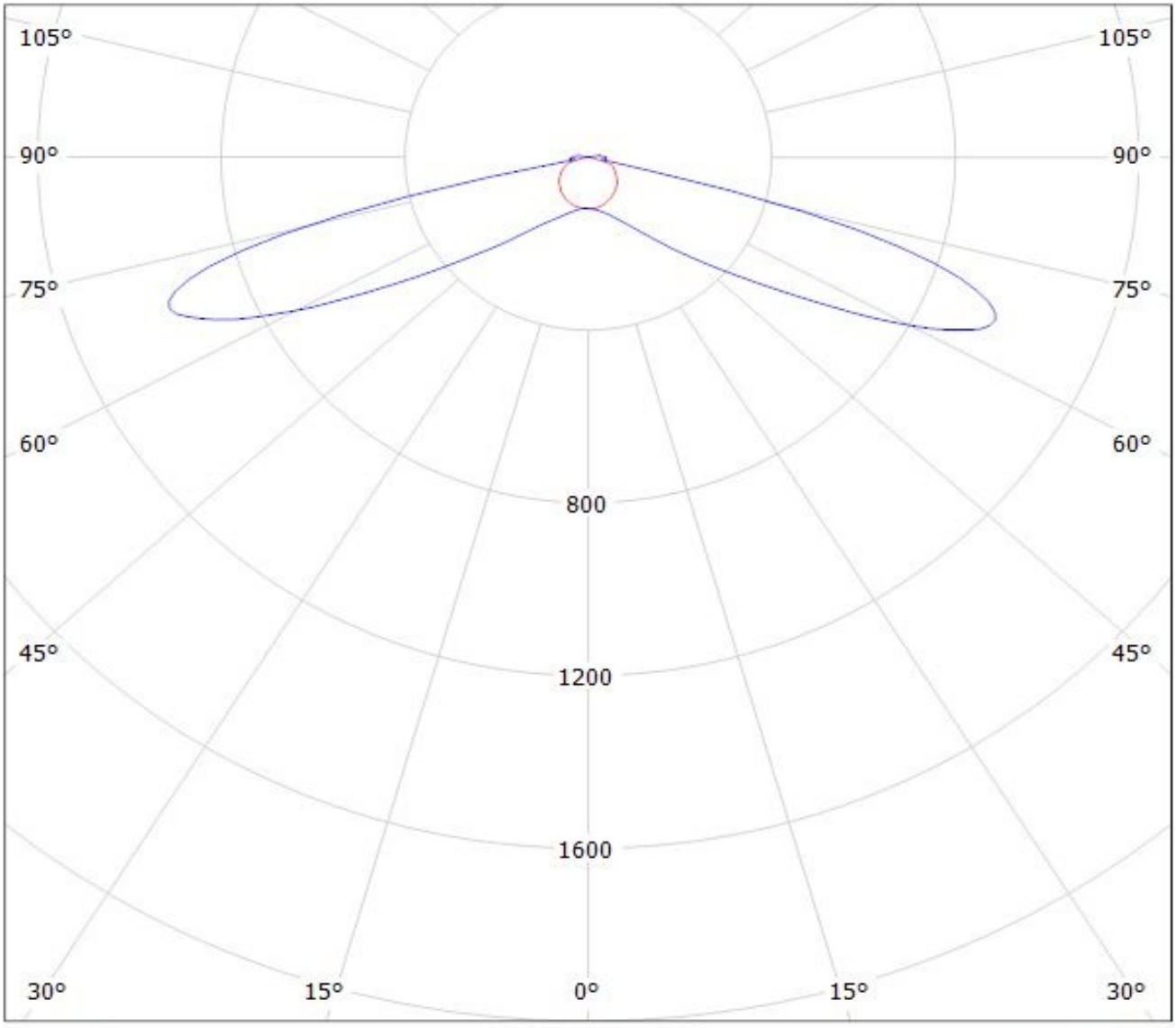


cd/klm

η = 94%

C0 - C180 C90 - C270

Luminaire: LEDiL Oy C15135_STRADA-2X2-T1_(Luxeon_5050)
Lamps: 1 x Luxeon_5050_2x2_1270.76lm@80mA_CCT=5700K_P=7.35815W_I=0.080A_70CRI

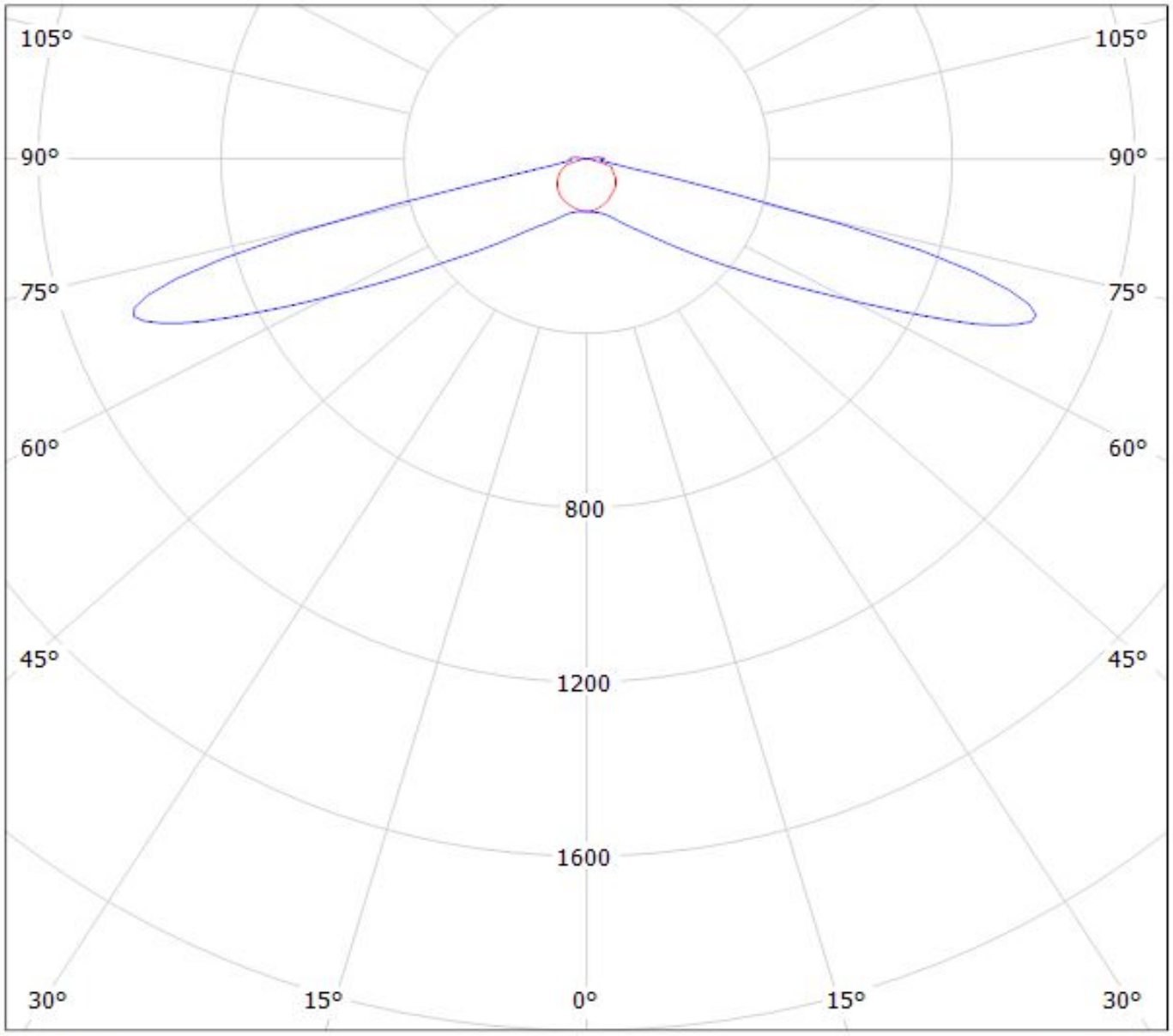


cd/klm

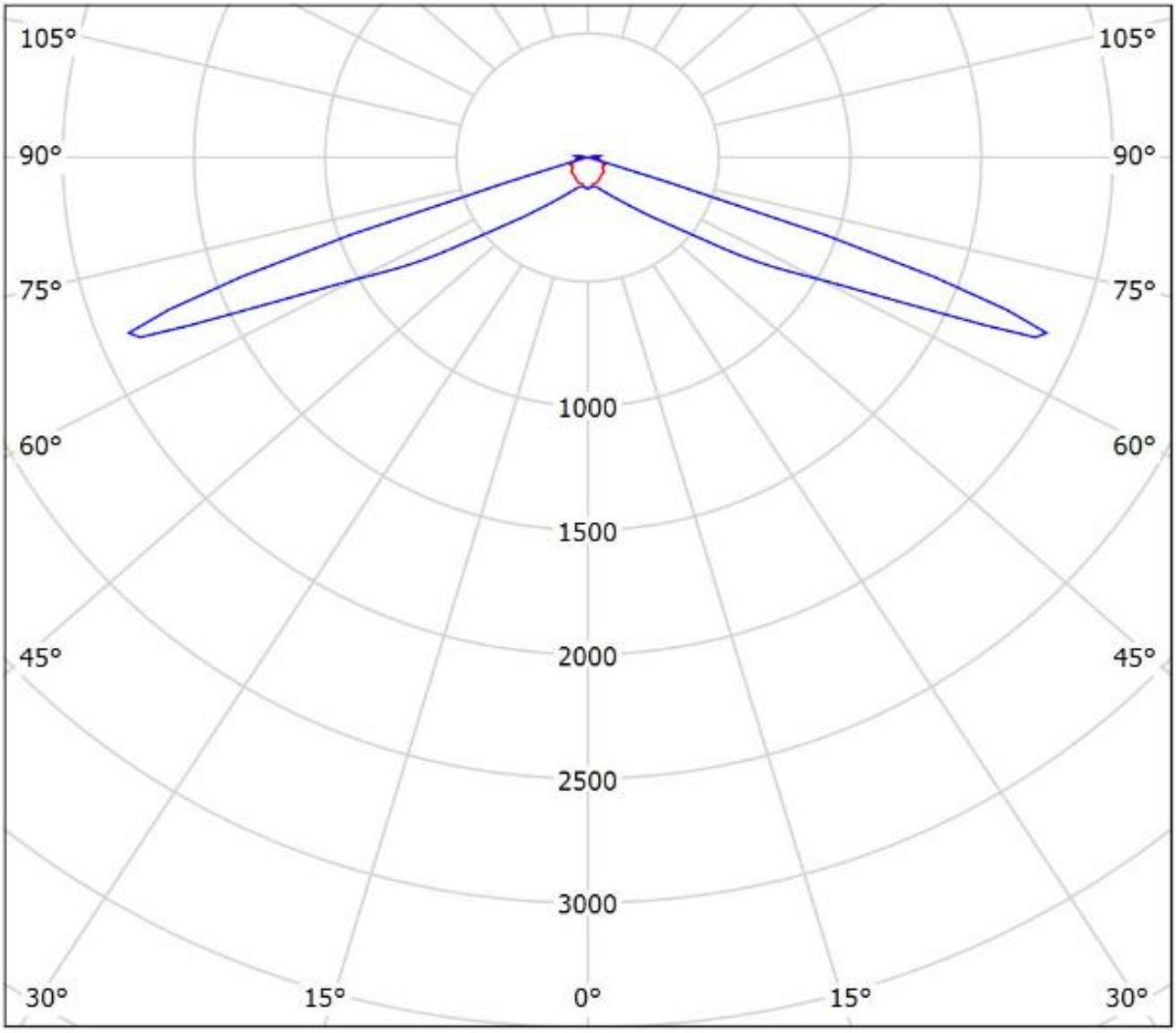
η = 94%

C0 - C180 C90 - C270

Luminaire: LEDiL Oy C15135_STRADA-2X2-T1_(Luxeon_V)
Lamps: 1 x Lumileds_Luxeon_V_2x2_486.24lm@250mA_CCT=4000K_P=2.7538W_I=0.250A

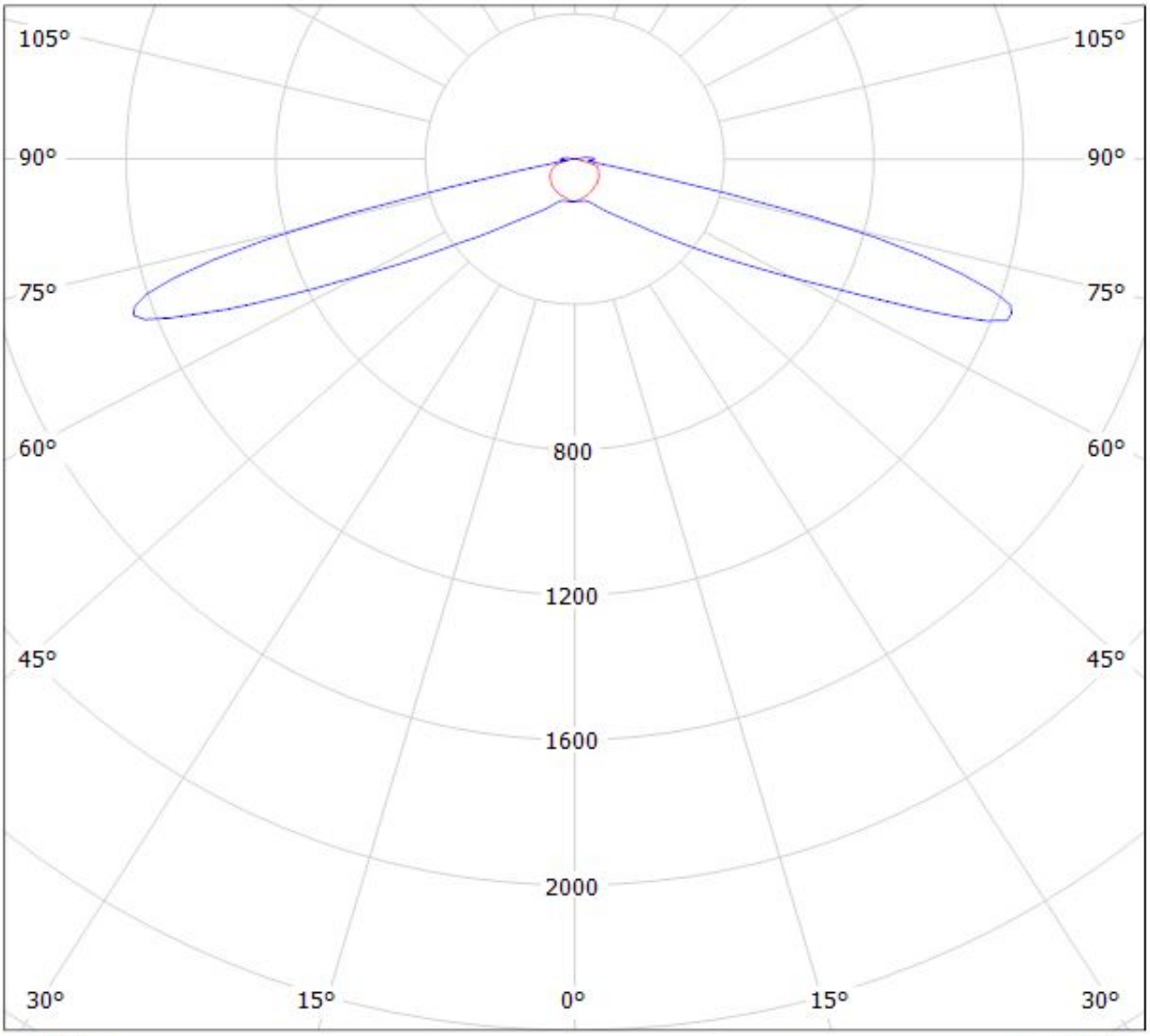


Luminaire: LEDiL Oy C15135_STRADA-2X2-T1_(Nichia_E21A)
Lamps: 1 x Nichia_E21A_452.514lm@250mA_P=2.806W_I=0.250A



cd/klm
η = 97%
C0 - C180
C90 - C270

Luminaire: LEDiL Oy C15135_STRADA-2X2-T1_(NVSW319AE)
Lamps: 1 x Nichia_NVSW319AE_499.093lm@250mA_P=2.79052W_I=0.25A

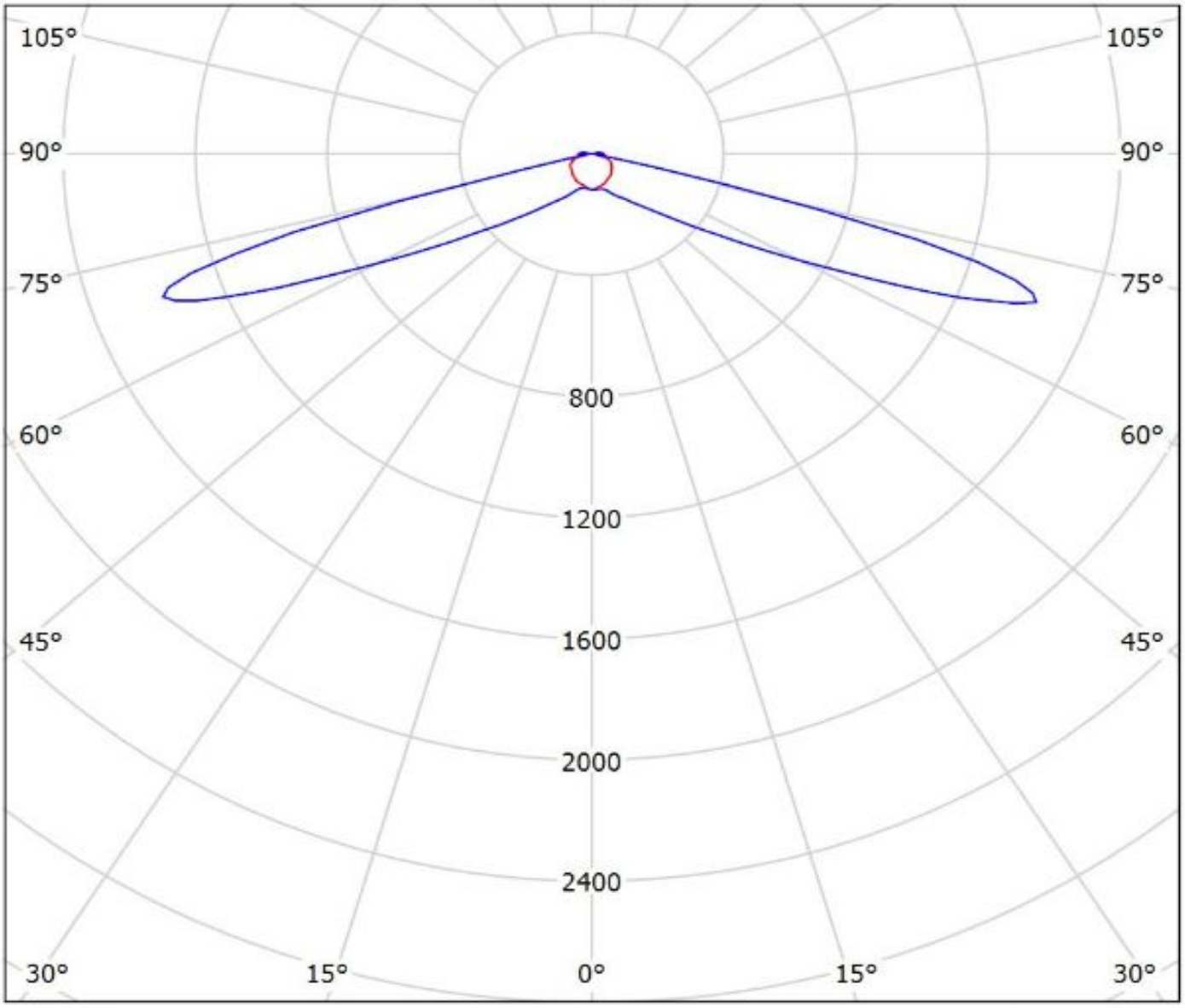


cd/klm

η = 97%

C0 - C180 C90 - C270

Luminaire: Ledil C15135_STRADA-2X2-T1_(NVSL219CE)
Lamps: 1 x Nichia_NVSL219CE_2x2_478.77lm@250mA_P=2.84436W_I=0.25A

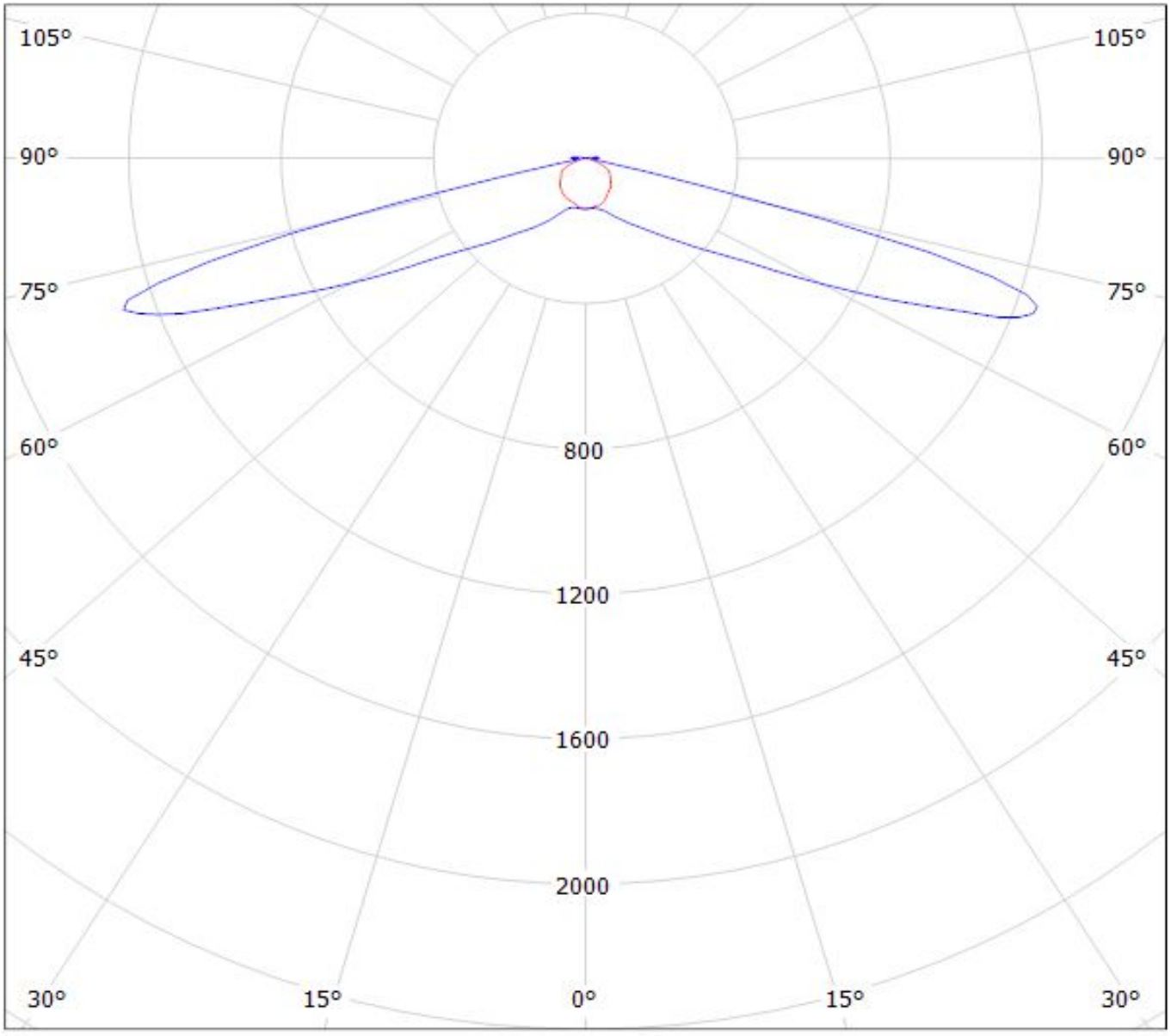


cd/klm

η = 96%

C0 - C180 C90 - C270

Luminaire: LEDiL Oy C15135_STRADA-2X2-T1_(NVSW219D)
Lamps: 1 x Nichia_NVSW219D_516.635lm@250mA_P=2.82399W_CCT=4000K_I=0.250A

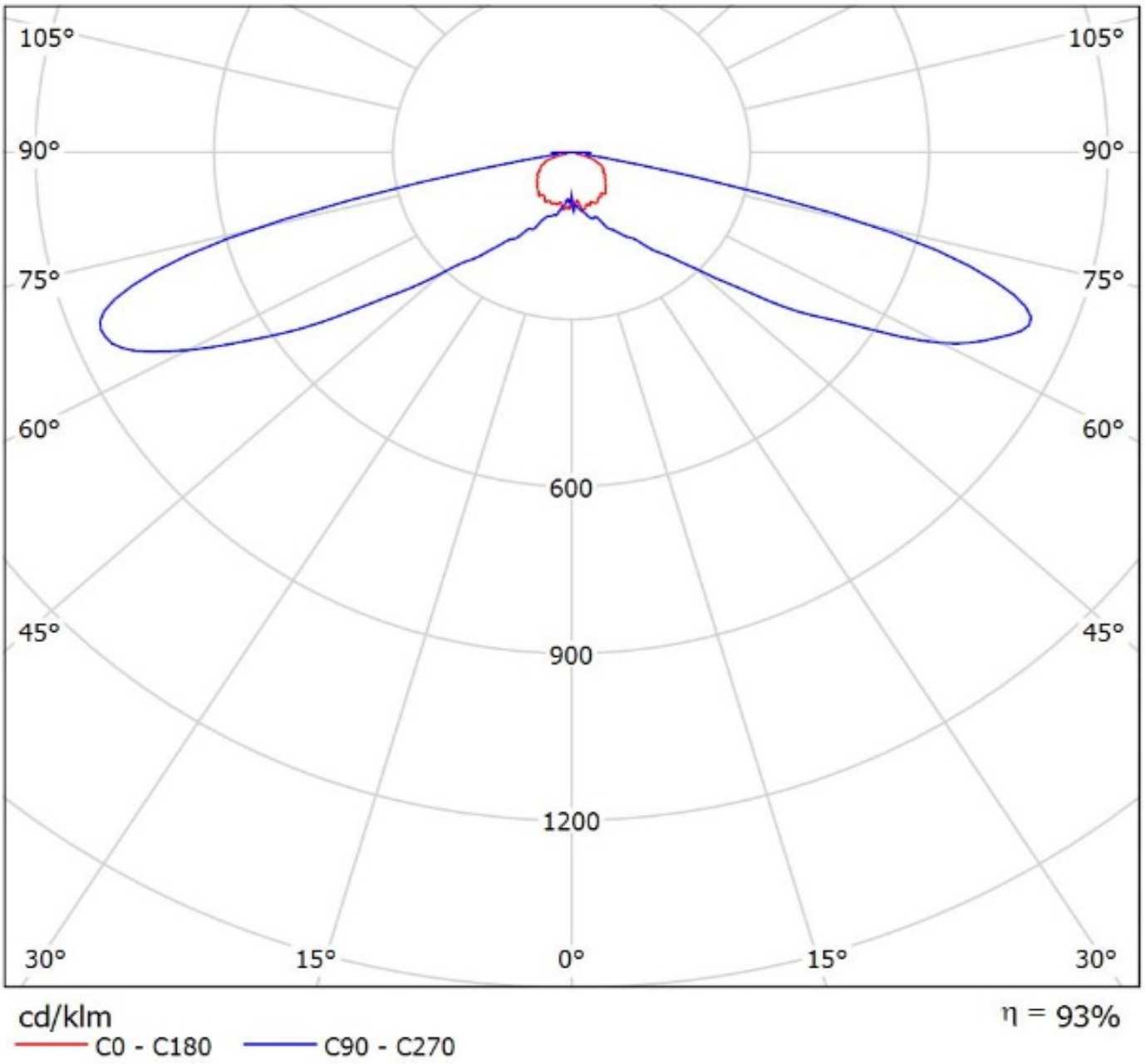


cd/klm

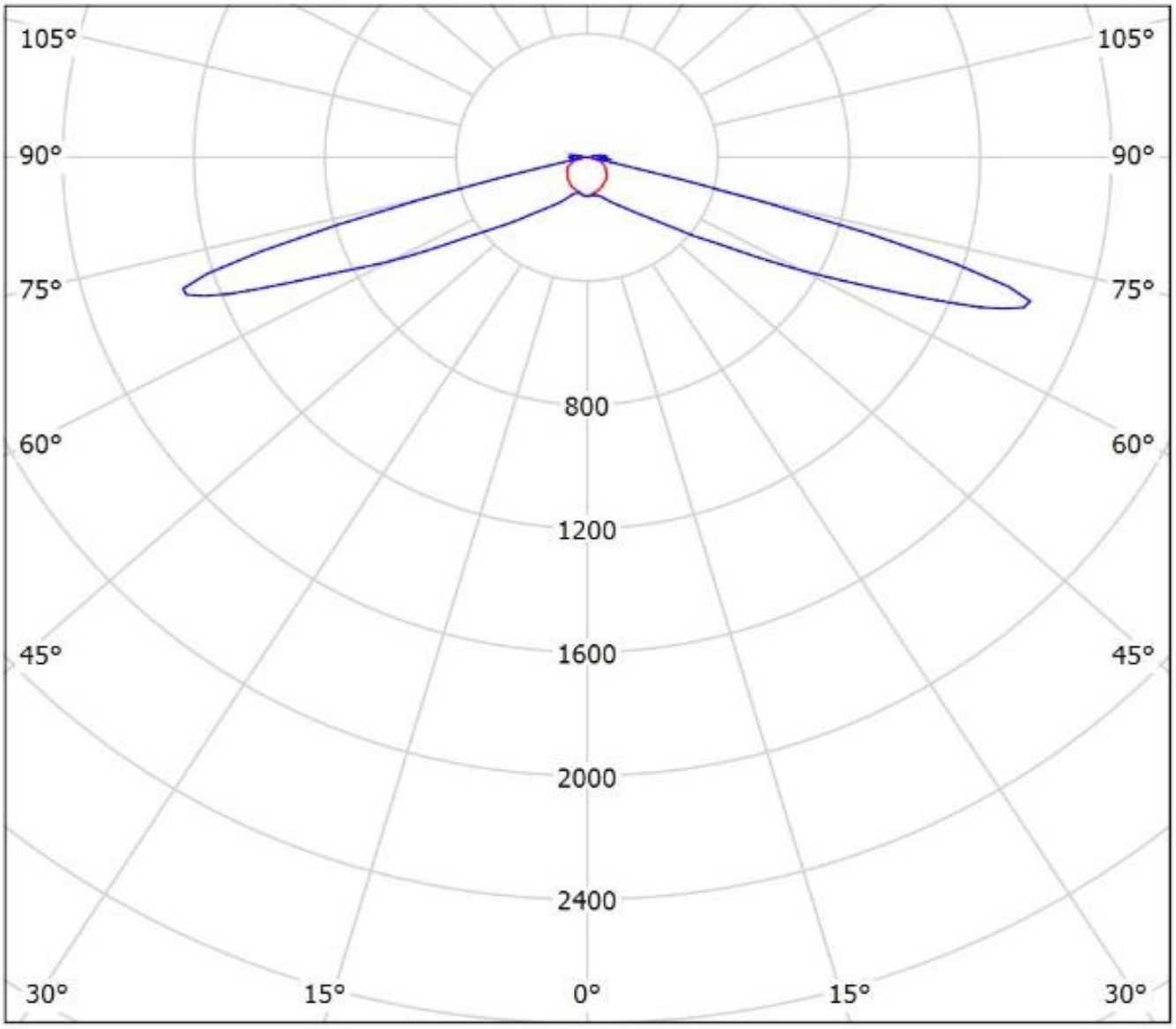
η = 97%

C0 - C180 C90 - C270

Luminaire: Ledil Oy C15135_STRADA-2X2-T1_(Duris_S8)_SIMULATED
Lamps: 1 x Osram Duris S8 (GW P9LT31.EM)



Luminaire: Ledil C15135_STRADA-2X2-T1_(Square_Gen3)
Lamps: 1 x Osram_Square_Gen3_(GW_CSSRM2.PM)_461.082lm@250mA_P=2.79075W_I=0.250A

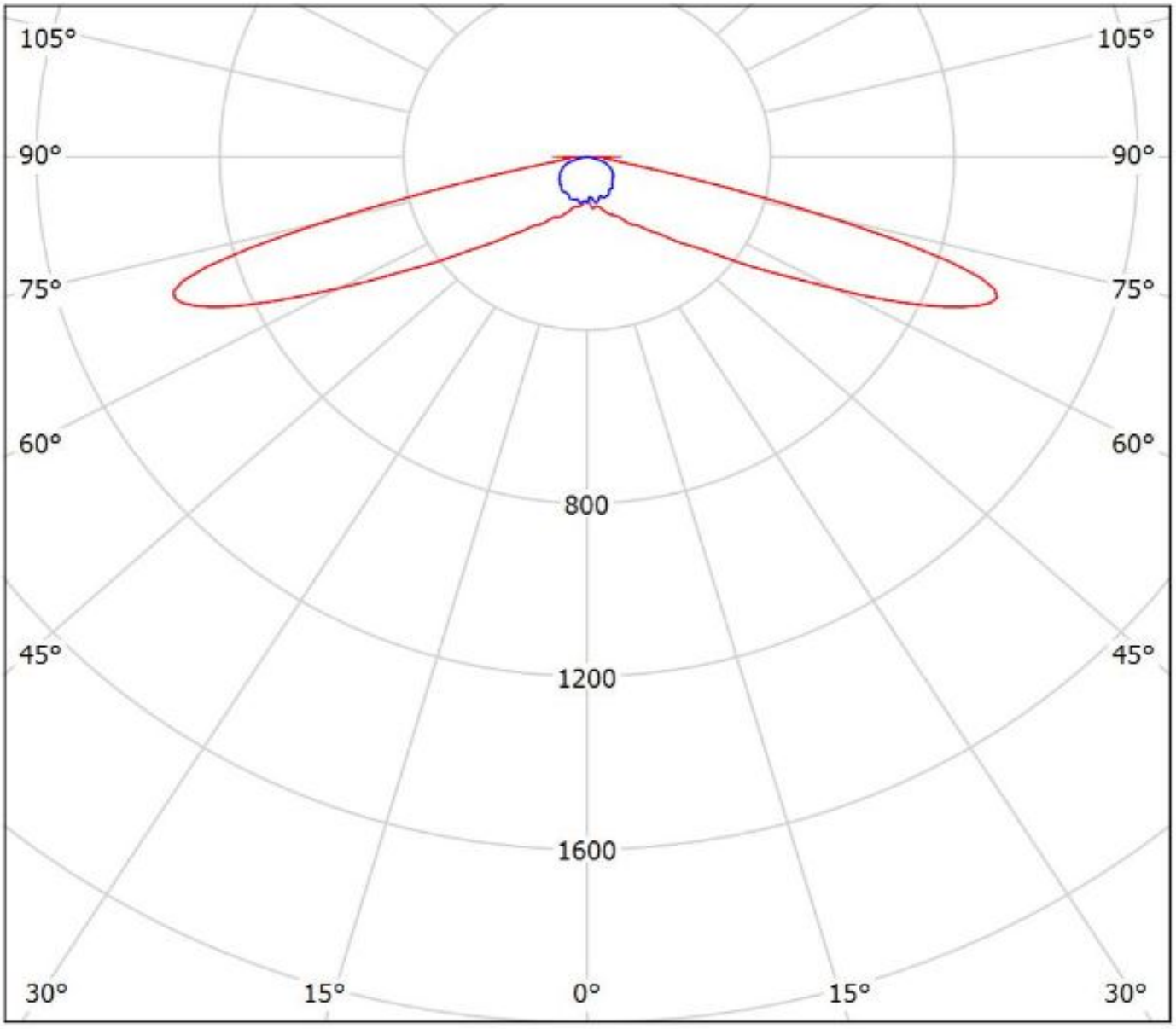


cd/klm

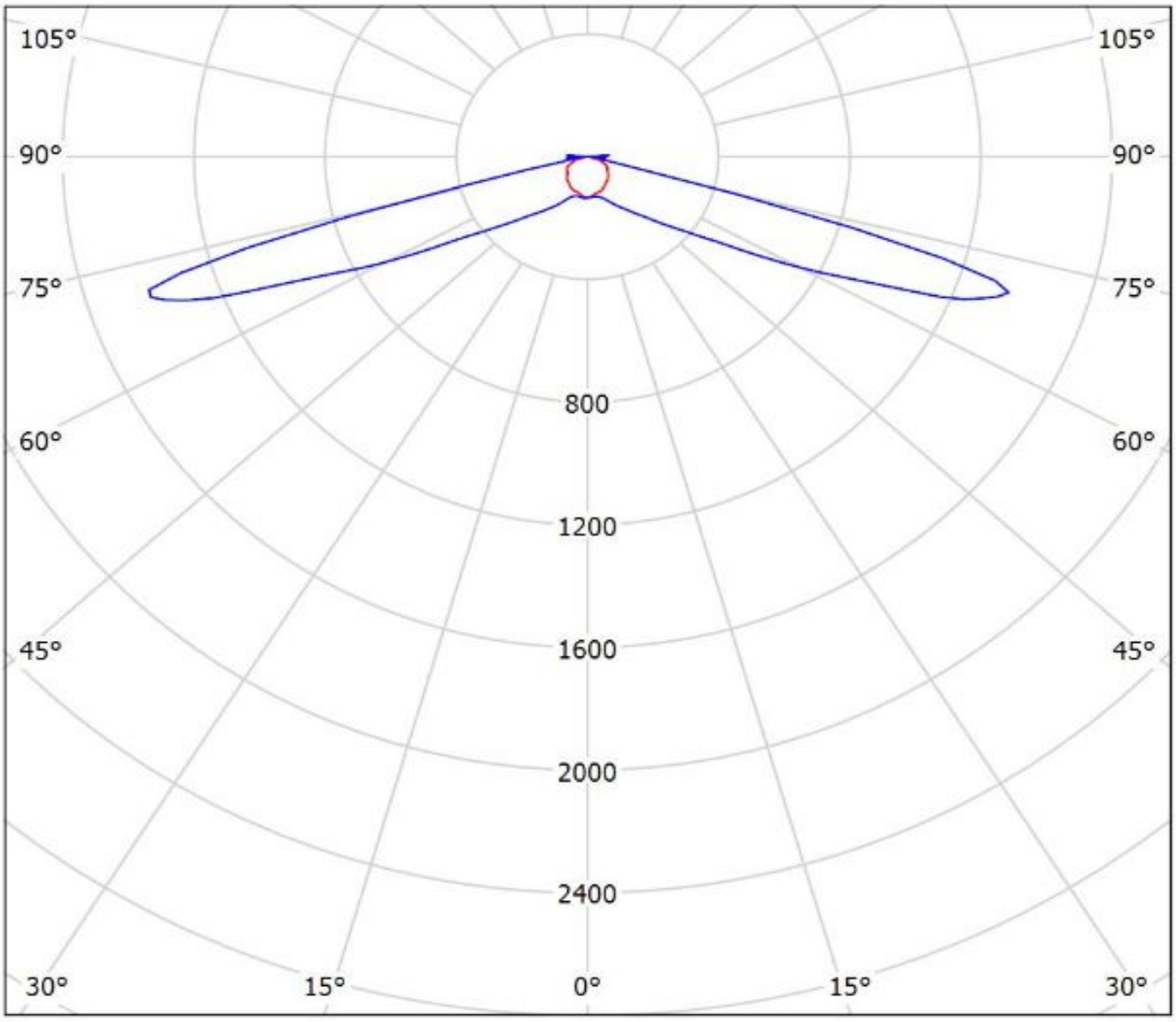
η = 94%

C0 - C180 C90 - C270

Luminaire: Ledil Oy C15135_STRADA-2X2-T1_OSRAM_DURIS_P9_SIMULATED
Lamps: 1 x OSRAM DURIS P9



Luminaire: Ledil C15135_STRADA-2X2-T1_(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

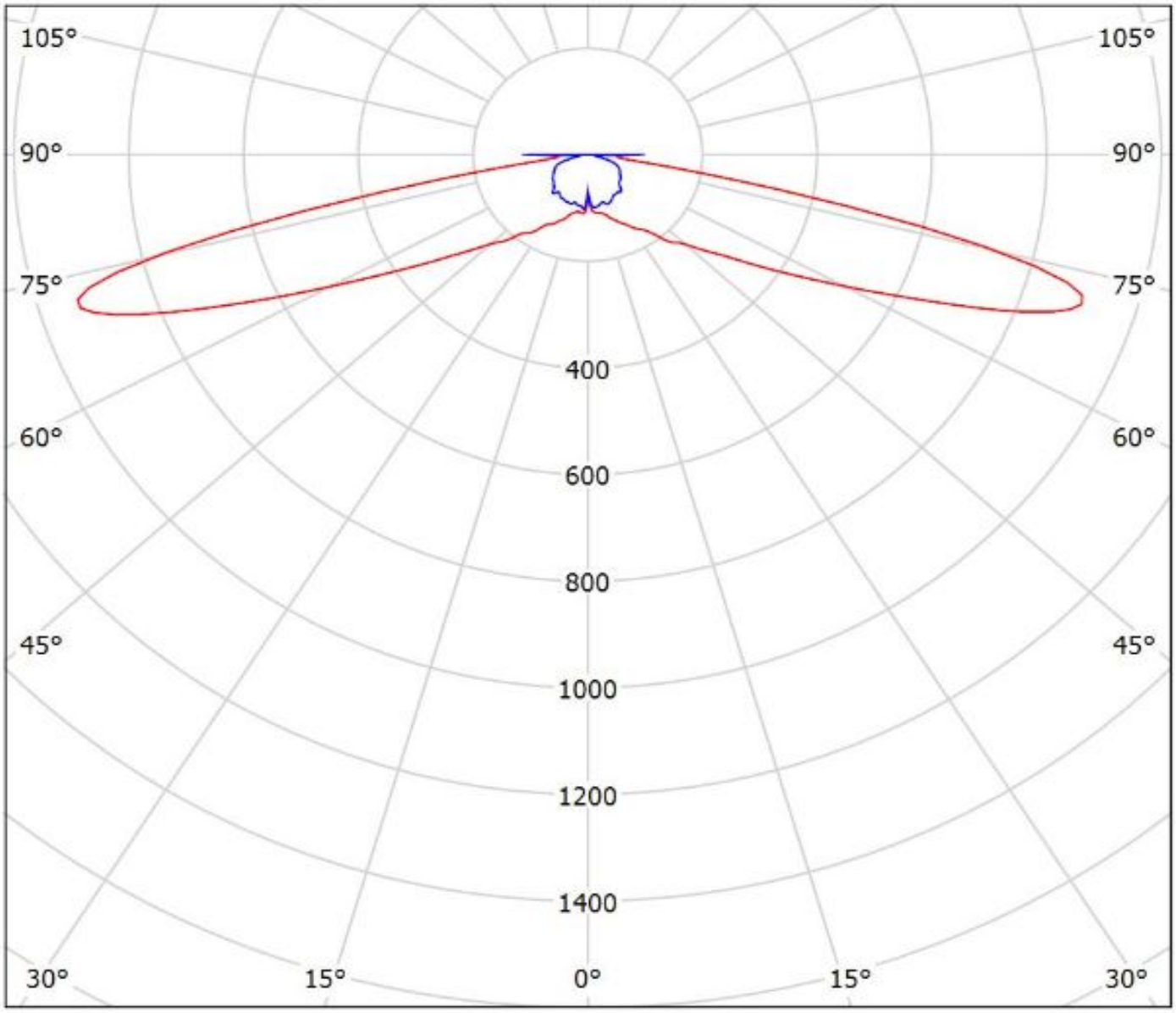


cd/klm

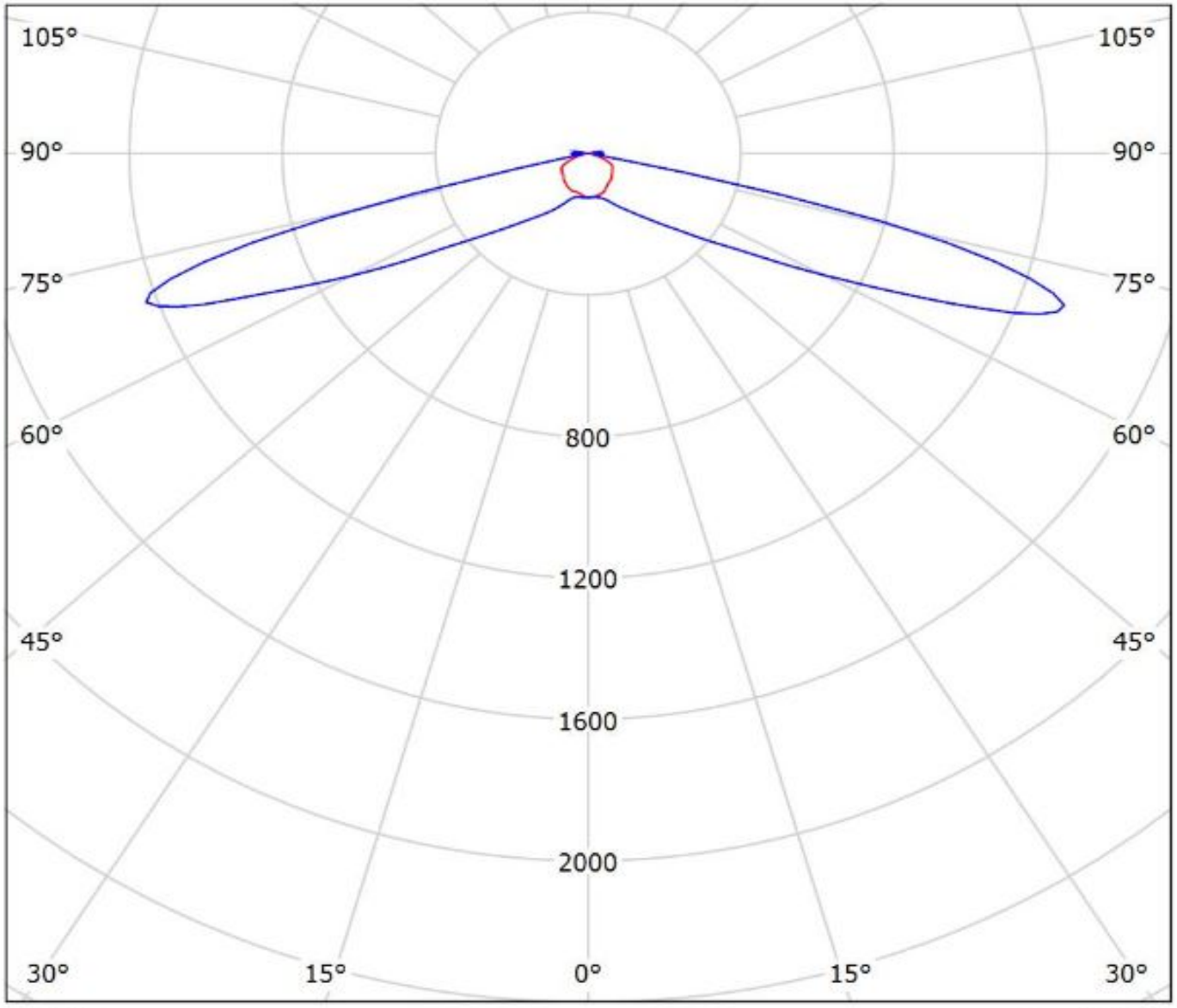
η = 97%

C0 - C180 C90 - C270

Luminaire: Ledil Oy C15135_STRADA-2X2-T1_Fortimo FastFlex LED board 2x8 DAX G4_SIMULATED
Lamps: 1 x Fortimo FastFlex LED board 2x8 DAX G4



Luminaire: Ledil C15135_STRADA-2X2-T1_(LH351B)
Lamps: 1 x Samsung_LH351B_2x2_444.178lm@250mA_P=2.8535W_I=0.25A

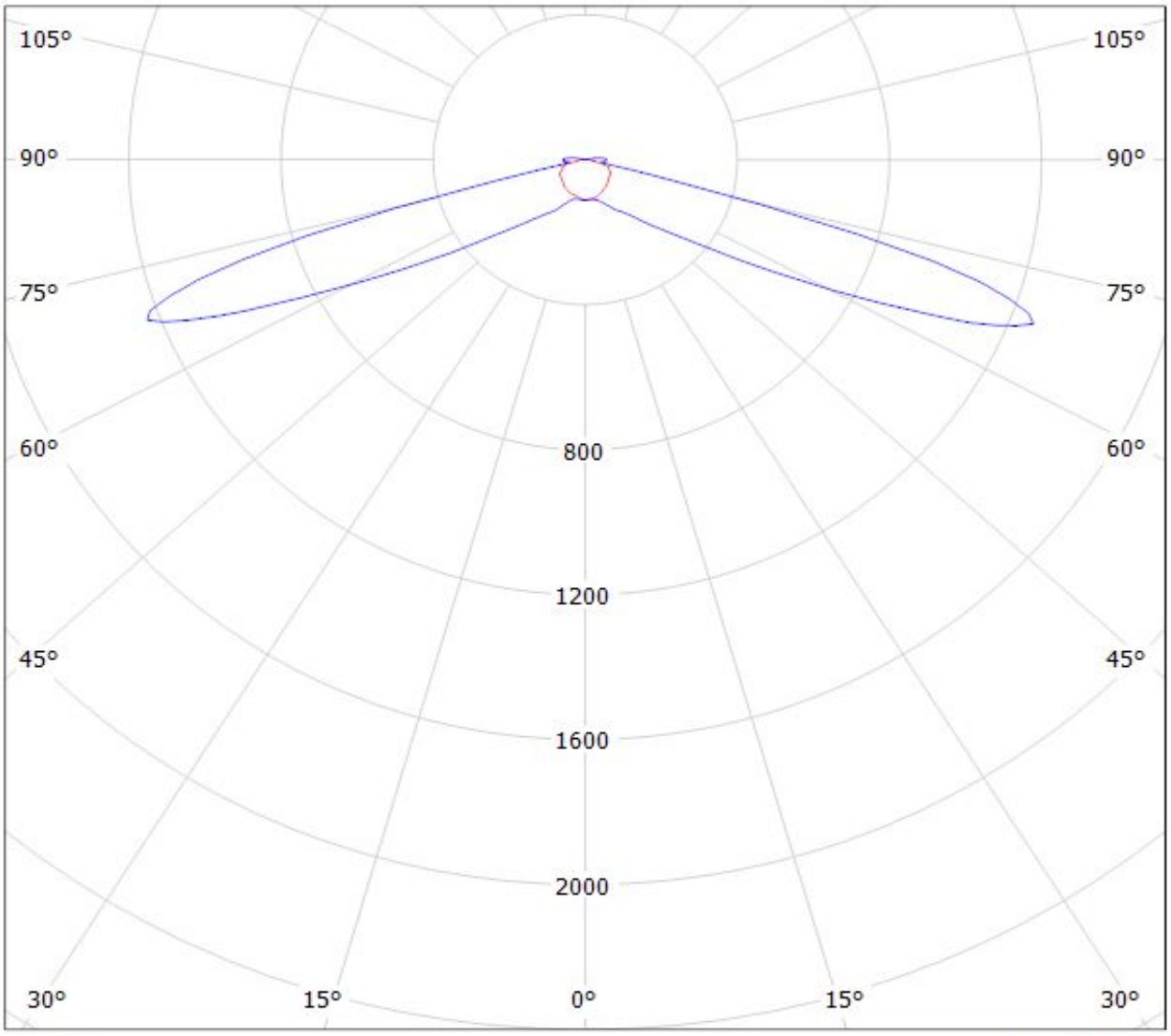


cd/klm

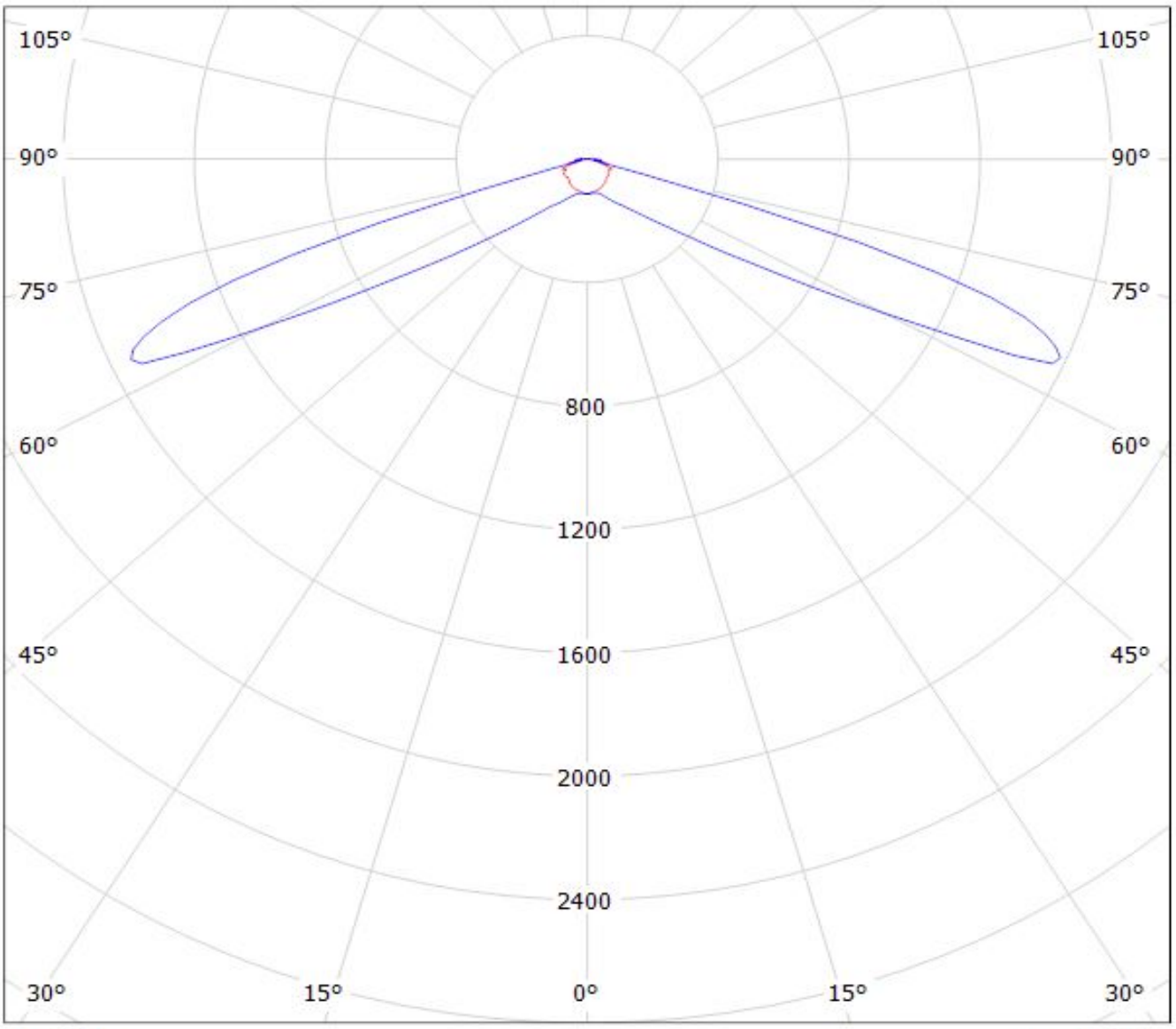
η = 97%

C0 - C180 C90 - C270

Luminaire: LEDiL Oy C15135_STRADA-2X2-T1_(Z8Y22+)
Lamps: 1 x Seoul_Z8Y22+_(W6E2G)_498.702lm@250mA_P=2.72132W_I=0.250A



Luminaire: LEDiL Oy C15135_STRADA-2X2-T1_(Z8Y22)
Lamps: 1 x Seoul_Wicop_Z8Y22_497.373lm@250mA_P=2.80076W_U=11.211V

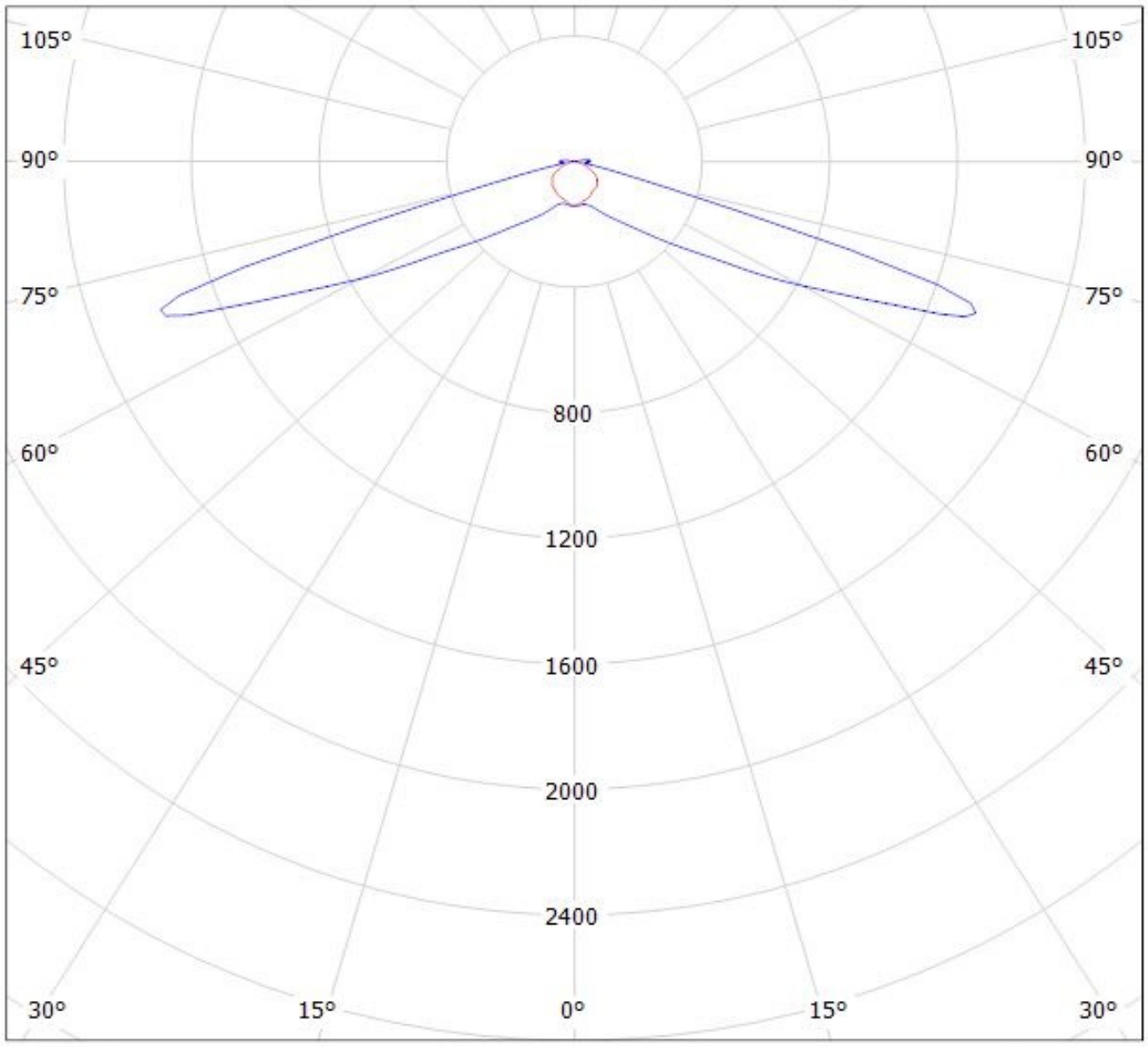


cd/klm

η = 96%

C0 - C180 C90 - C270

Luminaire: LEDiL Oy C15135_STRADA-2X2-T1_(Tridonic_Module_RLE_G1)
Lamps: 1 x Tridonic_Module_RLE_G1_4594.42lm@700mA_P=32.1515W_I=0.700A

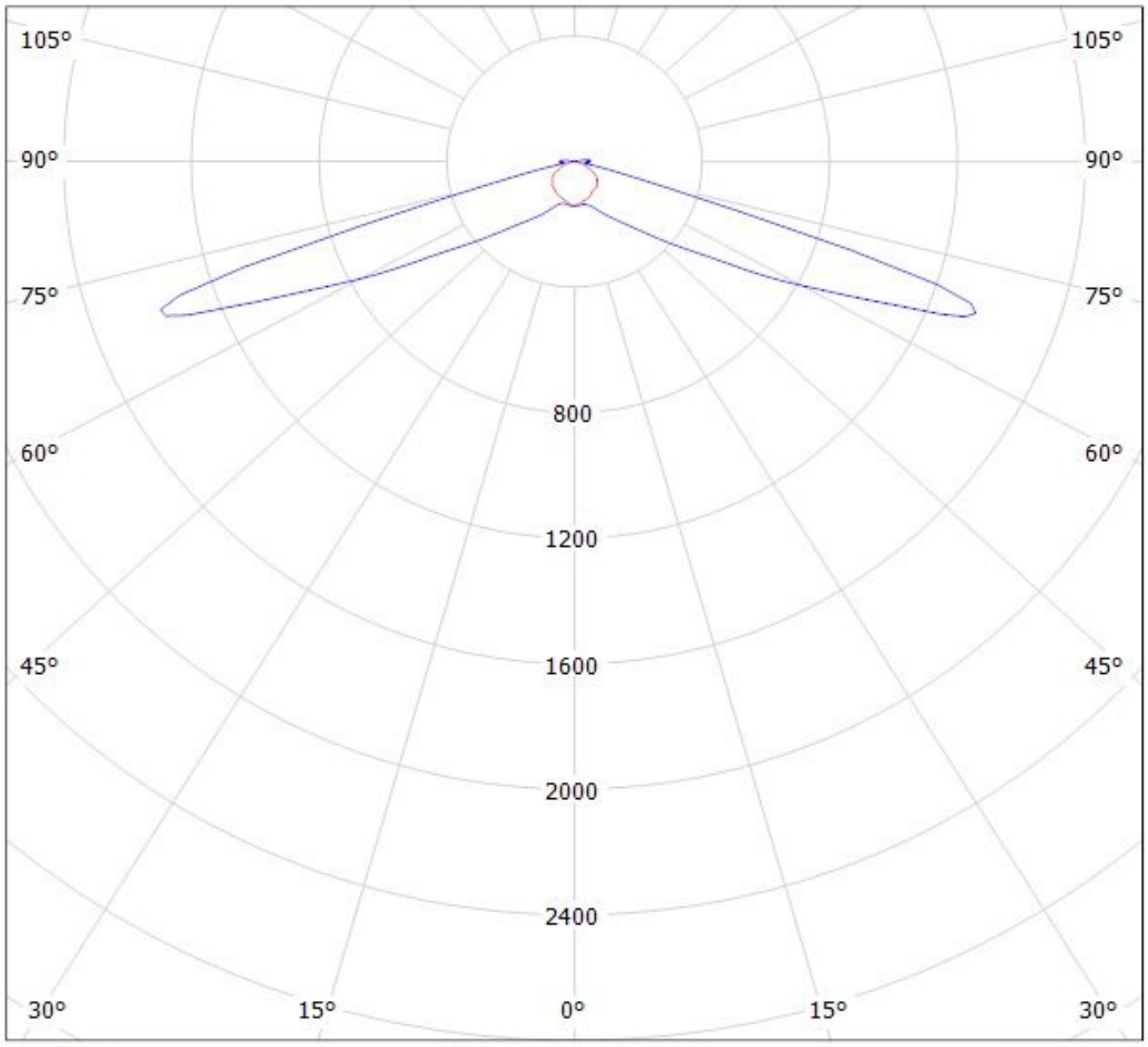


cd/klm

η = 94%

C0 - C180 C90 - C270

Luminaire: LEDiL Oy C15135_STRADA-2X2-T1_(Tridonic_Module_RLE_G1)
Lamps: 1 x Tridonic_Module_RLE_G1_4594.42lm@700mA_P=32.1515W_I=0.700A

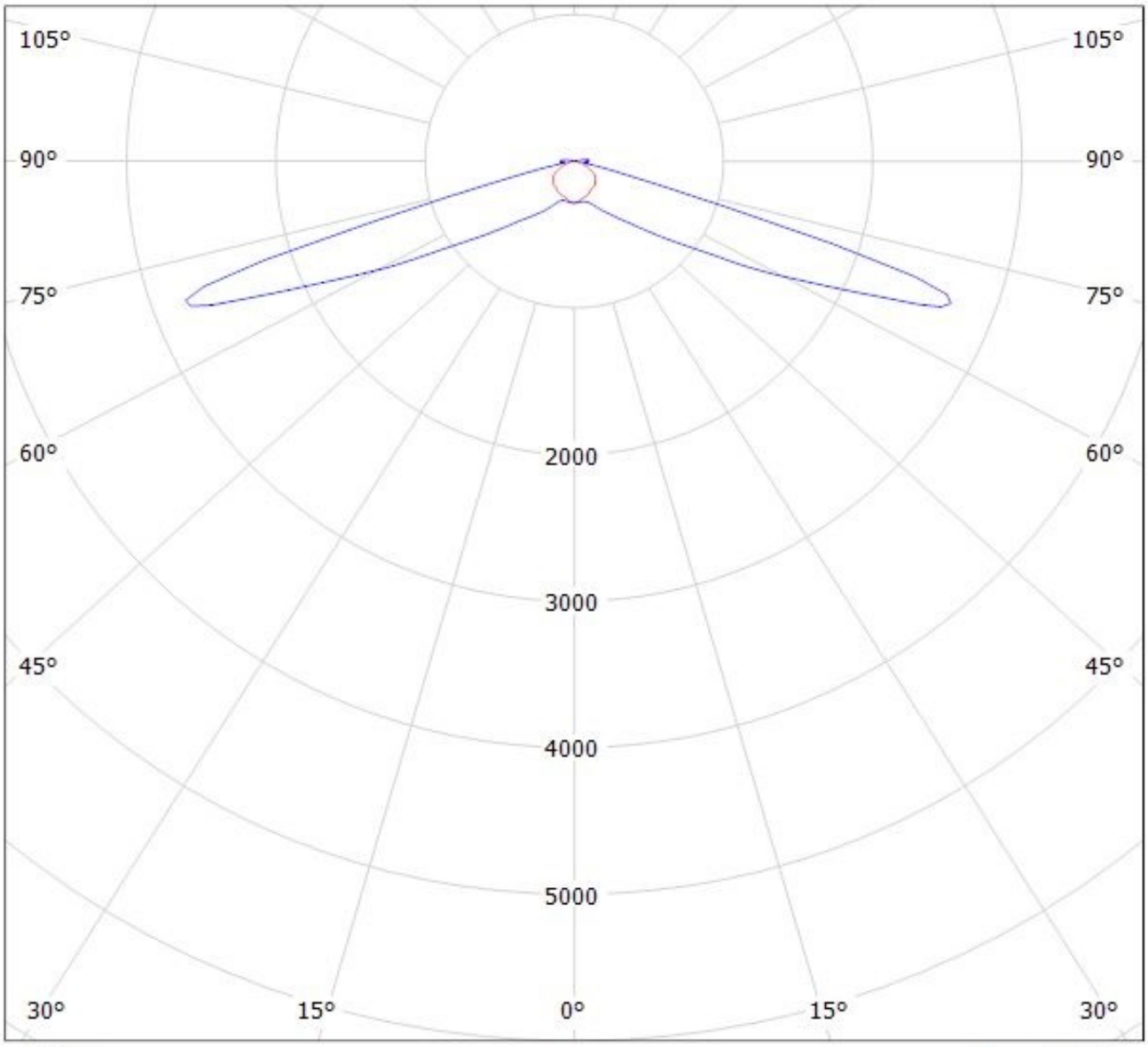


cd/klm

η = 94%

C0 - C180 C90 - C270

Luminaire: LEDiL Oy C15135_STRADA-2X2-T1_(Tridonic_Module_RLE_G1)
Lamps: 1 x Tridonic_Module_RLE_G1_2288lm@700mA_P=16W_I=0.700A

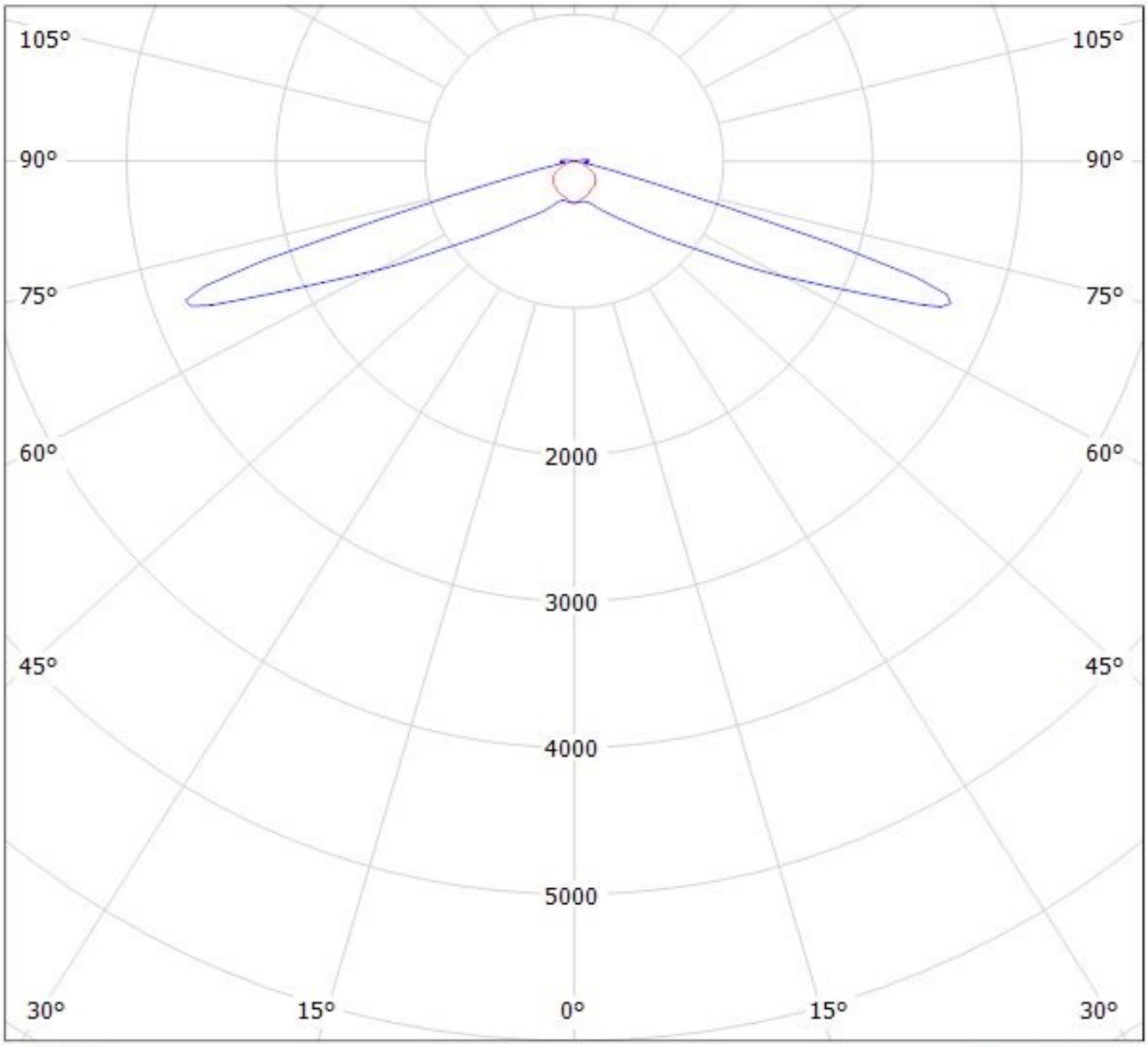


cd/klm

η = 94%

C0 - C180 C90 - C270

Luminaire: LEDiL Oy C15135_STRADA-2X2-T1_(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.