

DETAILS

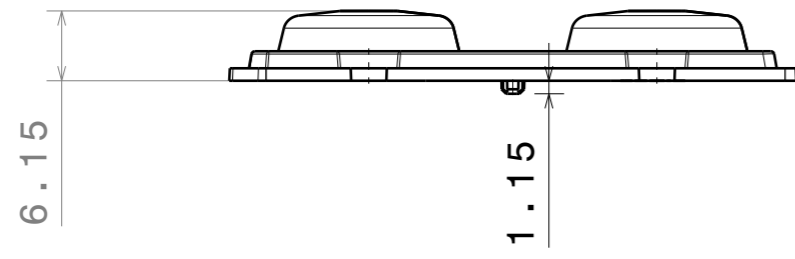
Product Number	C14750_STRADA-2X2-CAT
Family	Strada
Type	Lens
Color	clear
Diameter	50x50 mm
Height	6,2 mm
Style	rectang
Optic Material	PMMA
Holder Material	
Fastening	glue, pin, screw
Status	production ready
ROHS Compliant	Yes
Date Updated	23/08/2016



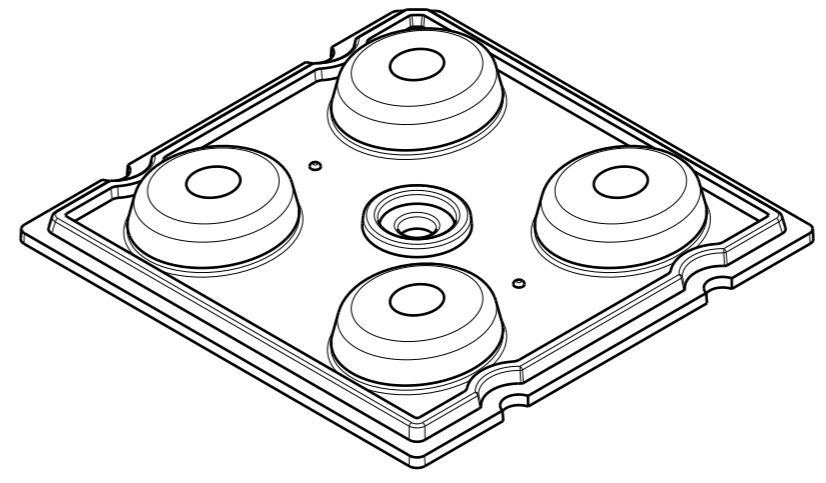
OPTICAL PROPERTIES

LED	Viewing Angle	Light Beam	Efficiency	cd/lm	Connector
XP-G2	153+118 deg	Streetligh...	94 %	0.380	-
XM-L	sim: 109+152	Streetligh...	sim: 93 %	sim: 0.360	-
H35C1 (LEMWA33)	154+116 deg	Streetligh...	94 %	0.330	-
NVSxx19B/NVSxx19C	sim: Asym	Streetligh...	sim: 92 %	sim: 0.440	-
NVSxE21A	142+130 deg	Streetligh...	94 %	0.470	-
NVSW3x9A	152+125 deg	Streetligh...	94 %	0.490	-
Duris S8	sim: 108+151	Streetligh...	sim: 94 %	0.420	-
Oslon Square Gen3	152+119 deg	Streetligh...	94 %	0.360	-
Fortimo FastFlex LED board 2x8 DA G4	117+153 deg	Streetligh...	94 %	0.500	-
LH351B	154+119 deg	Streetligh...	94 %	0.320	-
LH351D	sim: 152+114	Streetligh...	sim: 93 %	sim: 0.330	-
RLE G1 49x223mm 4000lm xxx EXC OTD	47+107 deg	Streetligh...	94 %	0.440	-
RLE G1 49x245mm 4000lm xxx EXC OTD	47+107 deg	Streetligh...	94 %	0.440	-
RLE G1 49x121mm 2000lm xxx EXC OTD	47+107 deg	Streetligh...	94 %	0.440	-
RLE G1 49x133mm 2000lm xxx EXC OTD	47+107 deg	Streetligh...	94 %	0.440	-

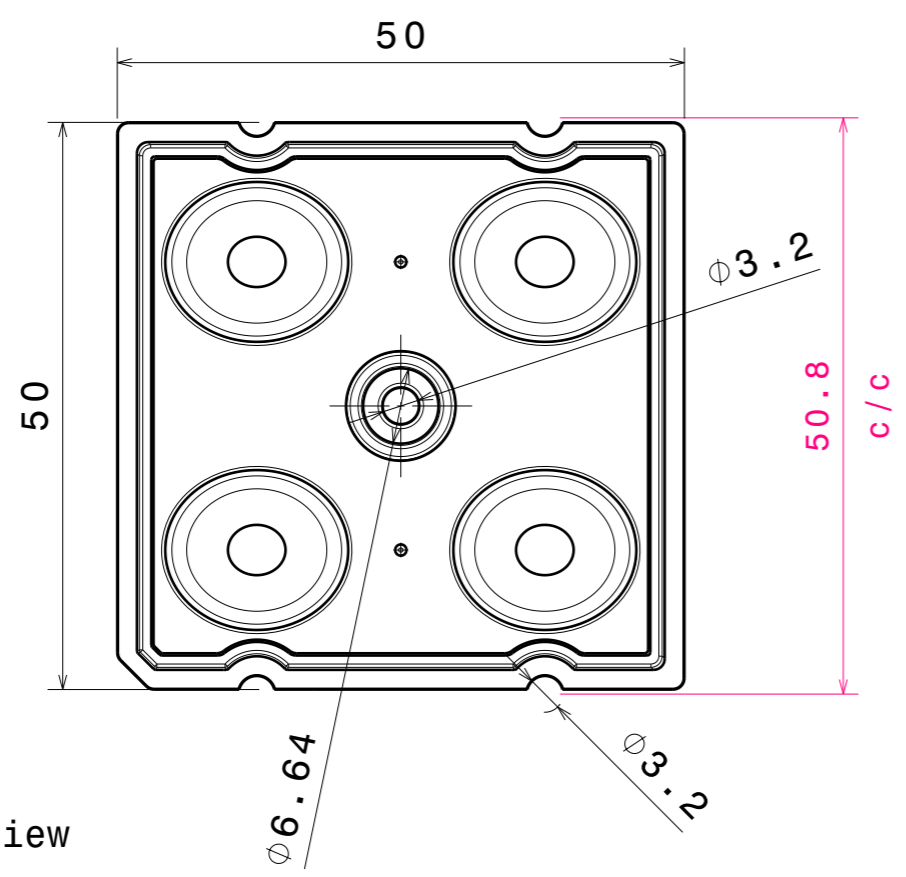
H G F E D C B A



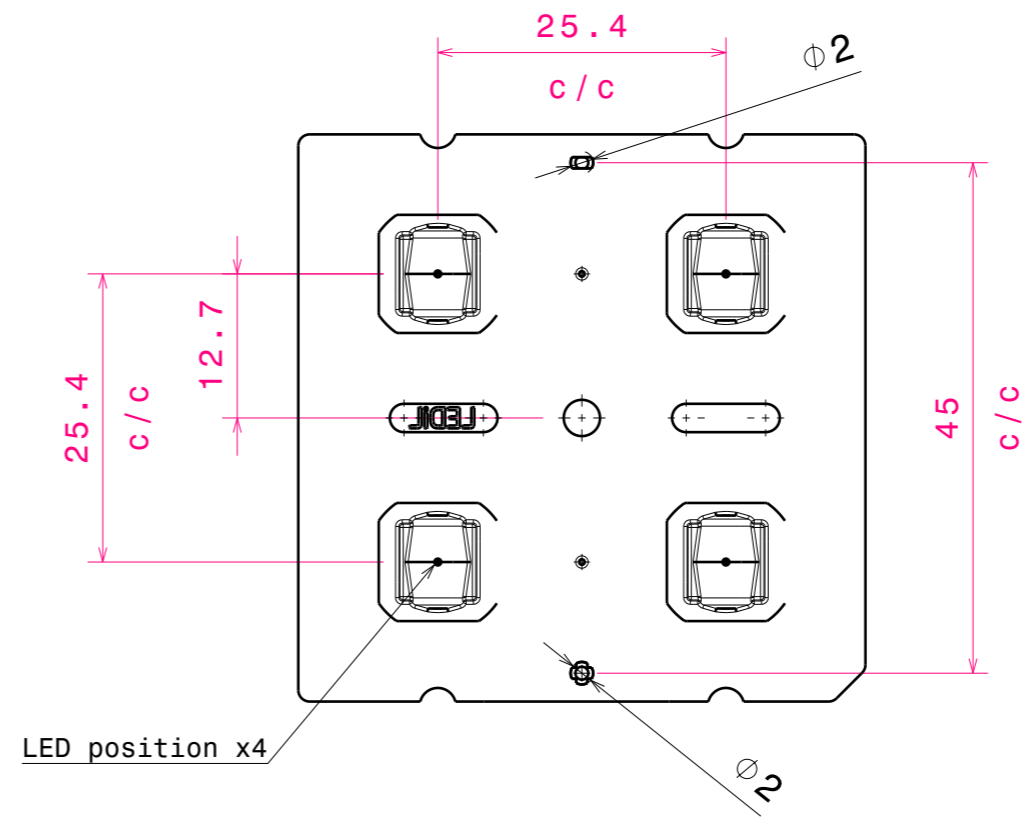
Front view



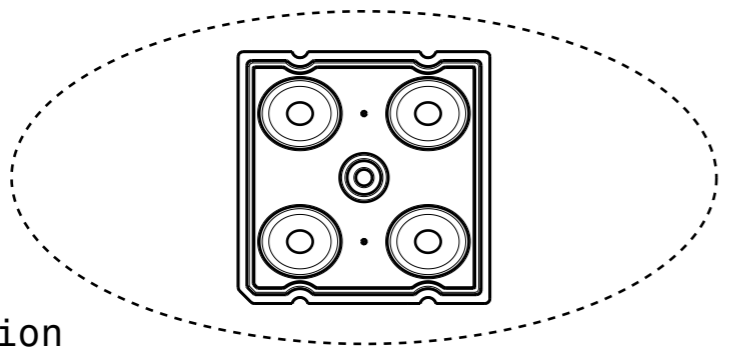
Isometric view



Top view



Bottom view



Beam direction

INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	C14750	STRADA-2X2-CAT	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
C14750_STRADA-2X2-CAT

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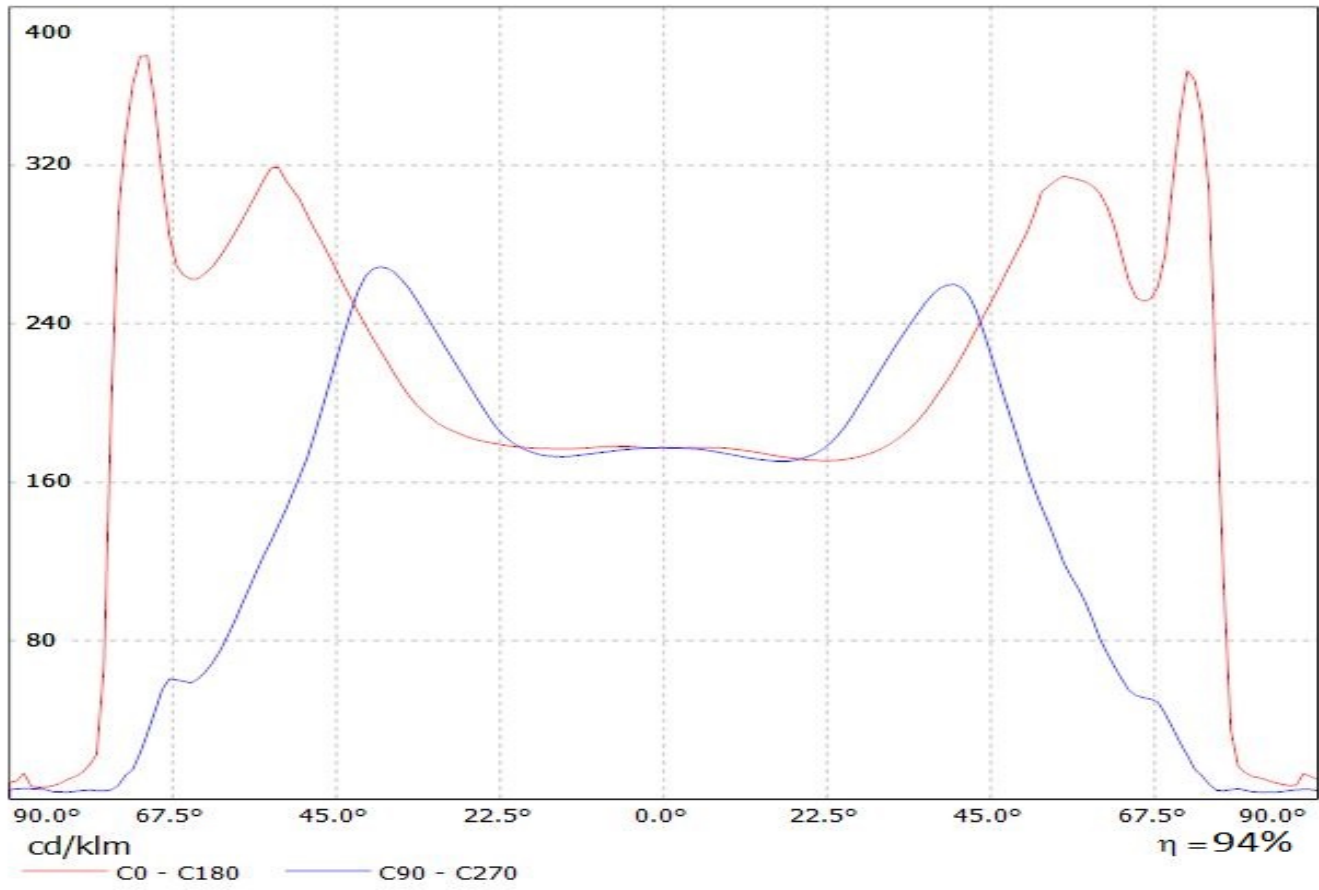
SIZE	PART NUMBER
A3	C14750

SCALE	3:2	WEIGHT	7g	SHEET	1/1
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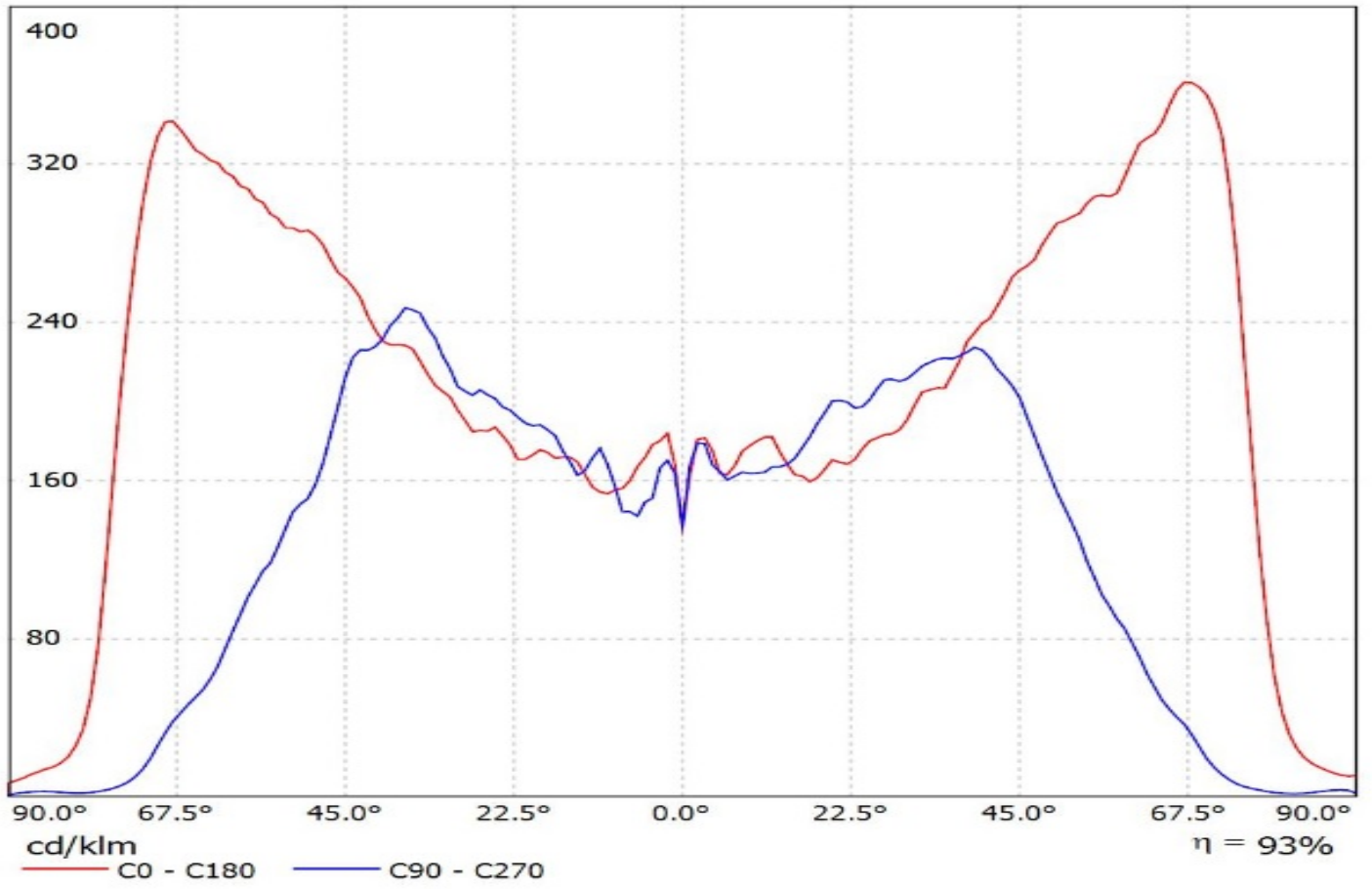
H G B A

Luminaire: LEDiL Oy C14750_STRADA-2X2-CAT_(XP-G2)

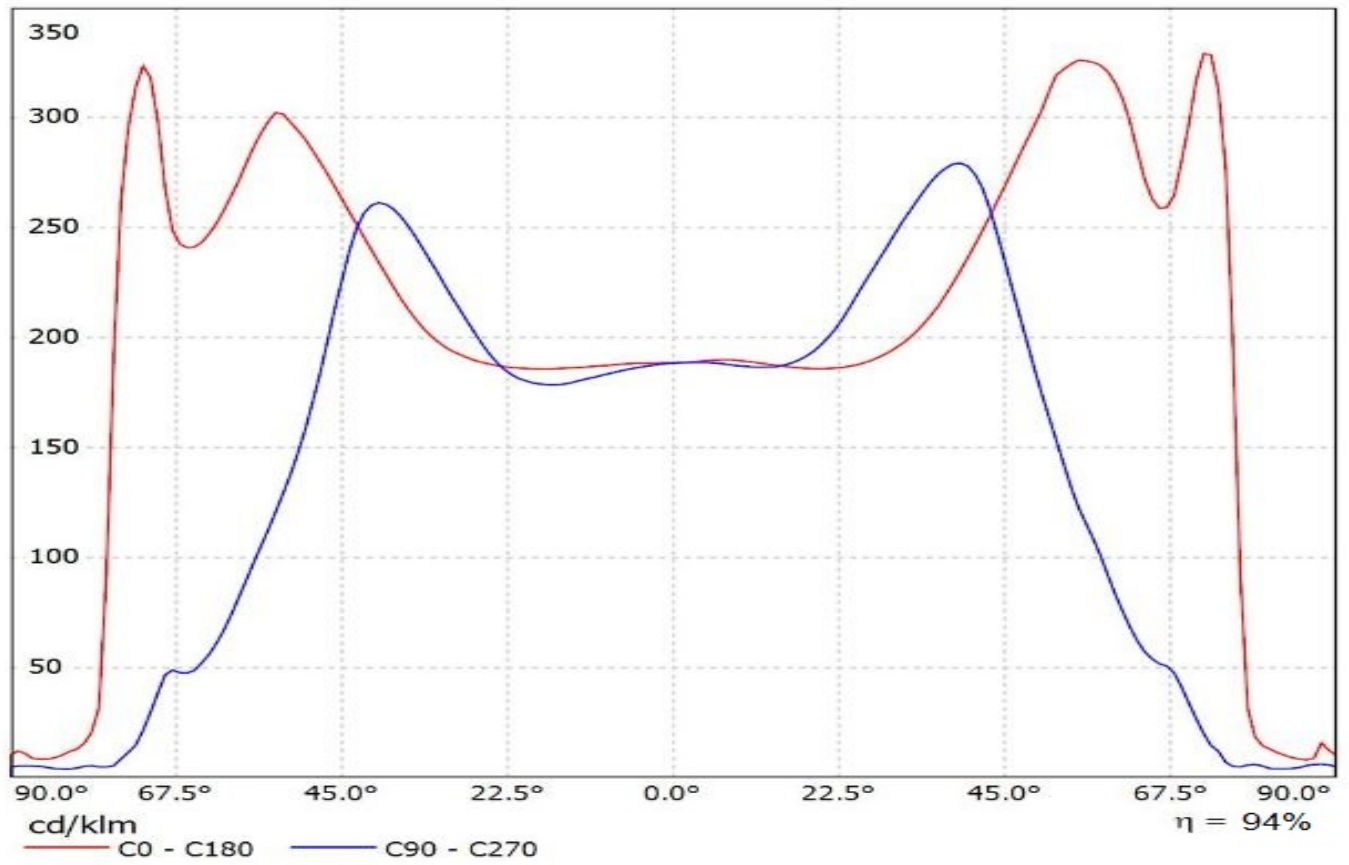
Lamps: 1 x Cree_XP-G2_(XPGBWT-L1-000-00-G51)_409.845lm@250mA_P=2.94464_I=0.250A



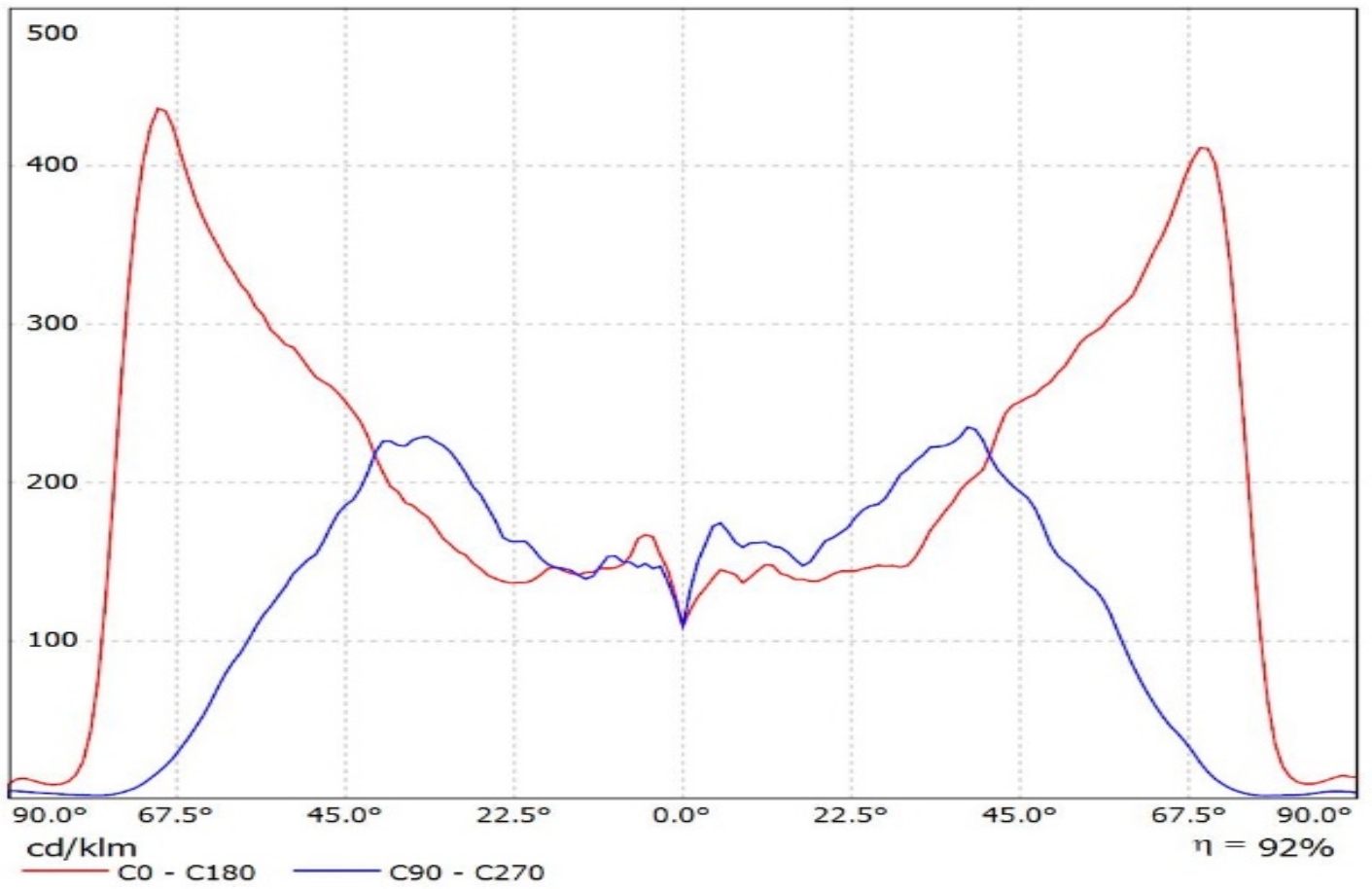
Luminaire: Ledil Oy C14750_STRADA-2X2-CAT_(XM-L)_SIMULATED
Lamps: 1 x CREE XM-L



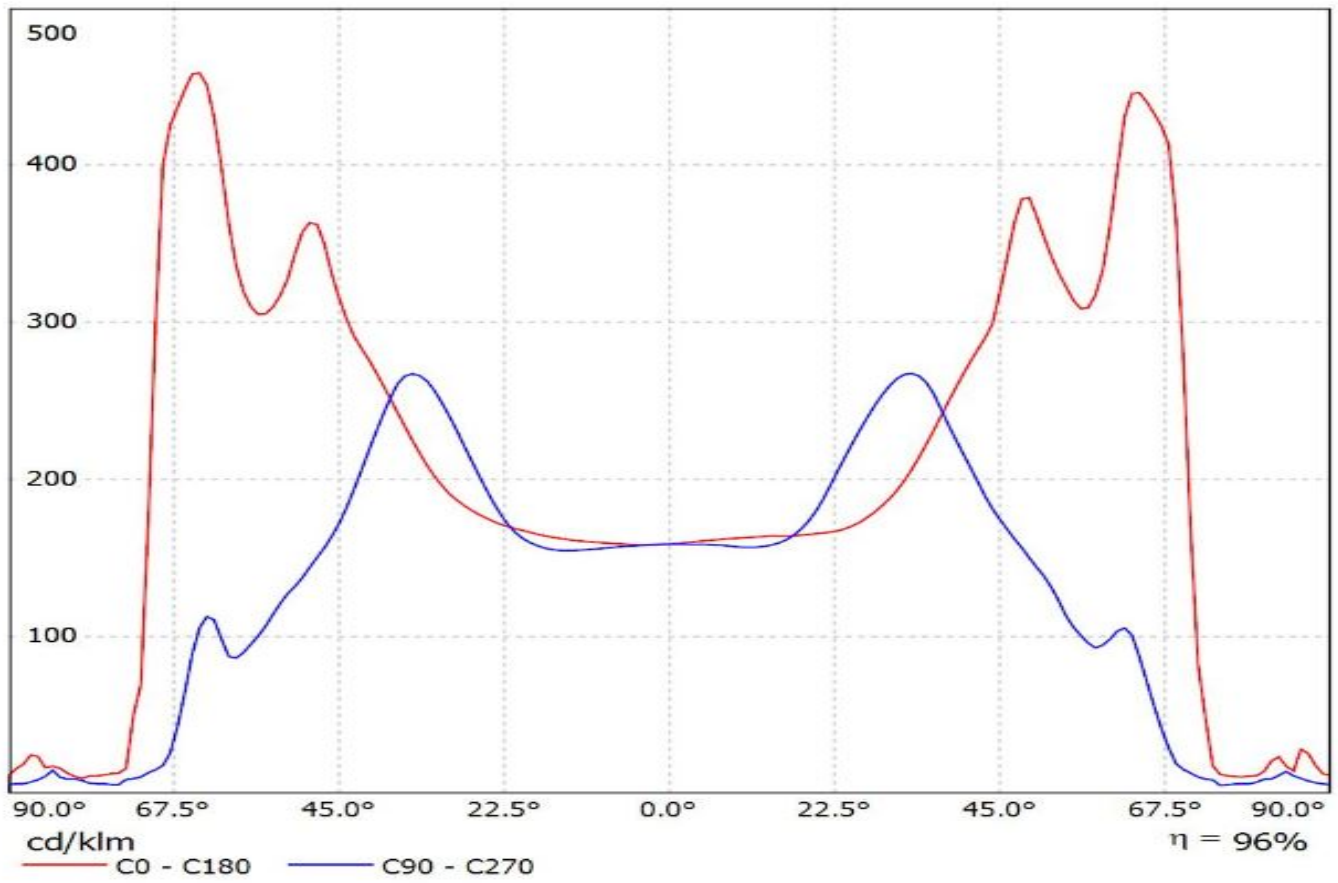
Luminaire: Ledil C14750_STRADA-2X2-CAT_(H35C1)
Lamps: 1 x LG_H35C1_2x2_477.216lm@250mA_P=2.87475W_I=0.250A



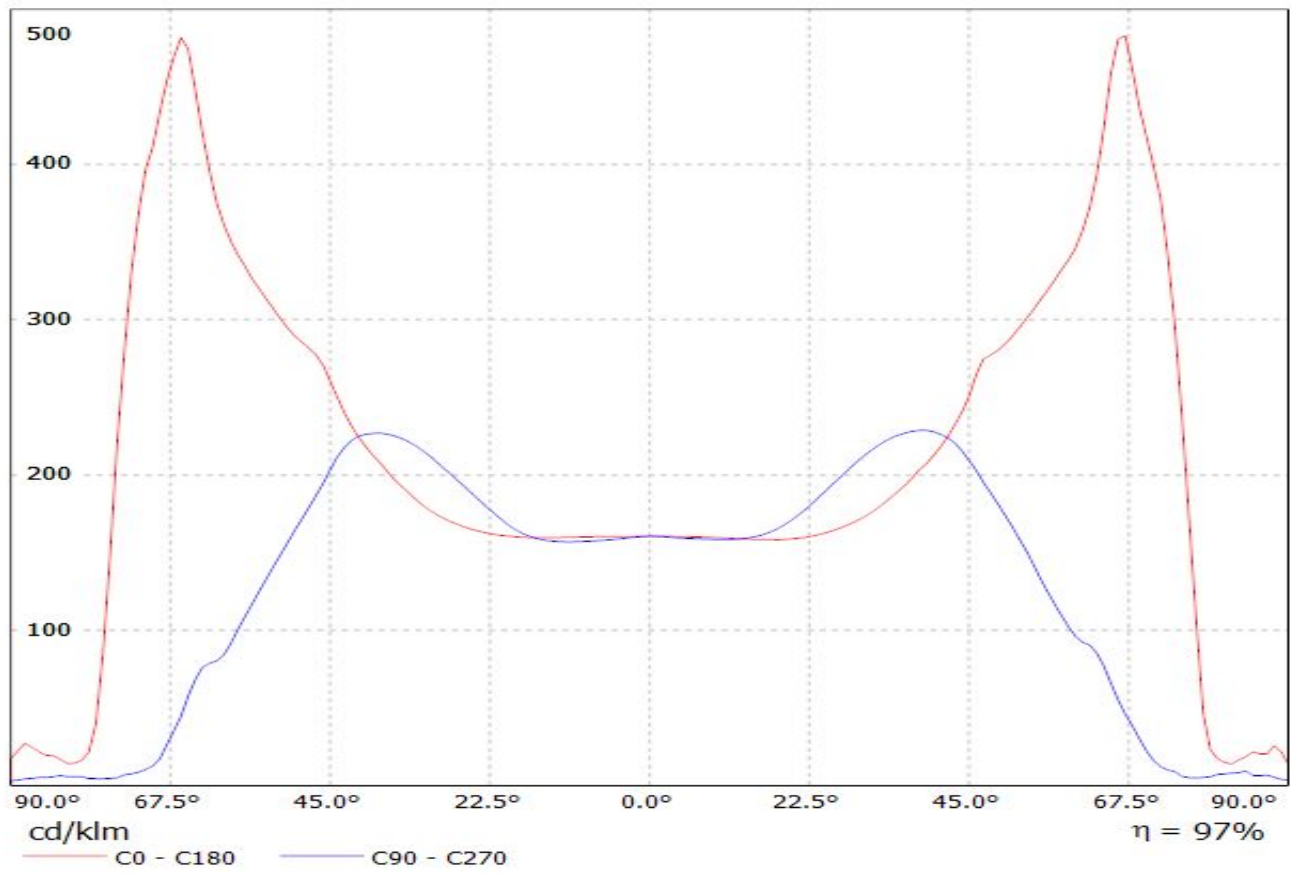
Luminaire: Ledil Oy C14750_STRADA-2x2-CAT_(NVSxx19C)_SIMULATED
Lamps: 1 x NICHIA_NVsx219C



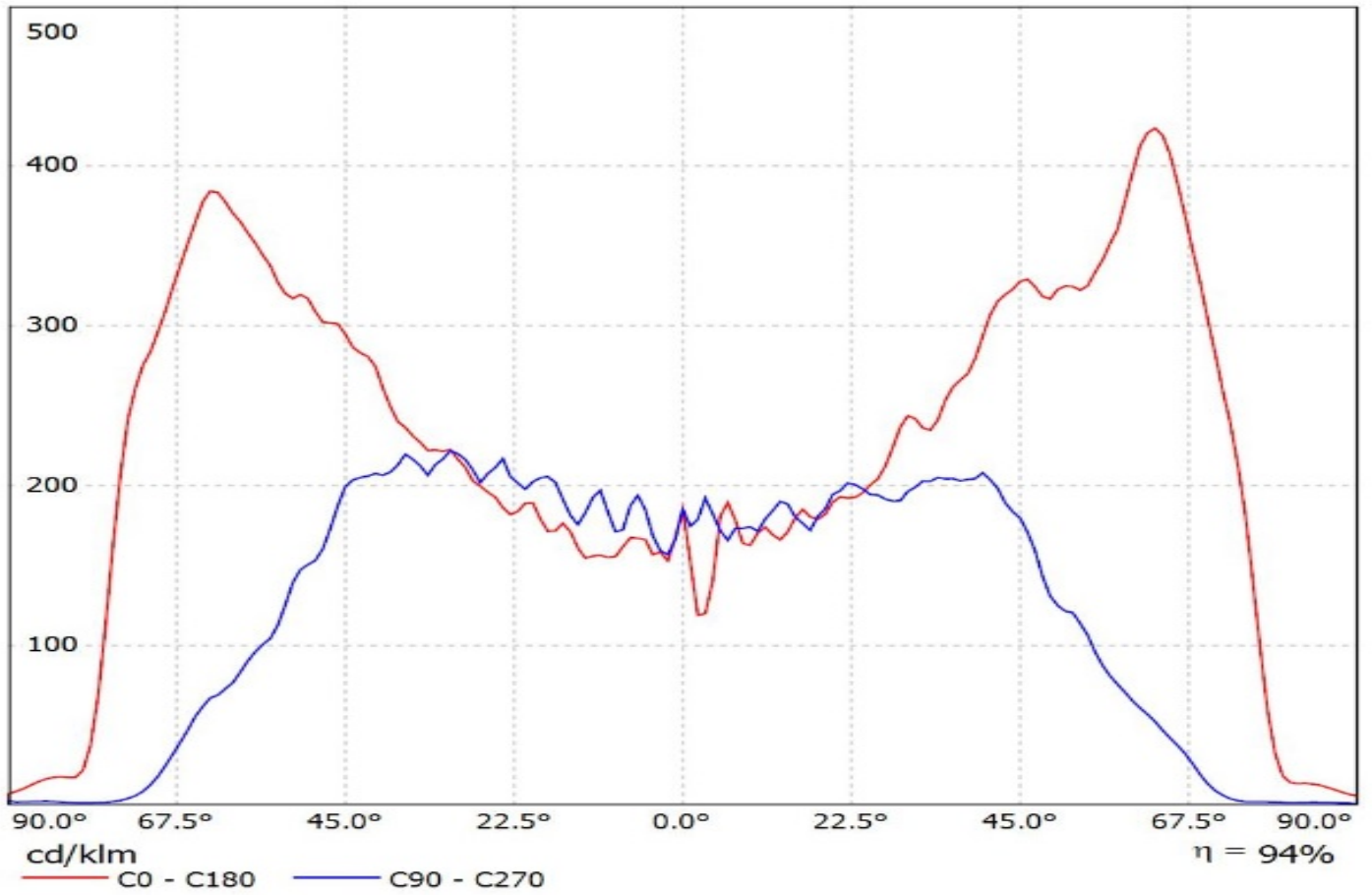
Luminaire: LEDiL Oy C14750_STRADA-2X2-CAT_(E21A)
Lamps: 1 x Nichia_E21A_452.248lm@250mA_2.805W_η=0.250A



Luminaire: LEDiL Oy C14750_STRADA-2X2-CAT_(NVSW319AE)
Lamps: 1 x Nichia_NVSW319AE_499.093lm@250mA_P=2.79052W_I=0.25A

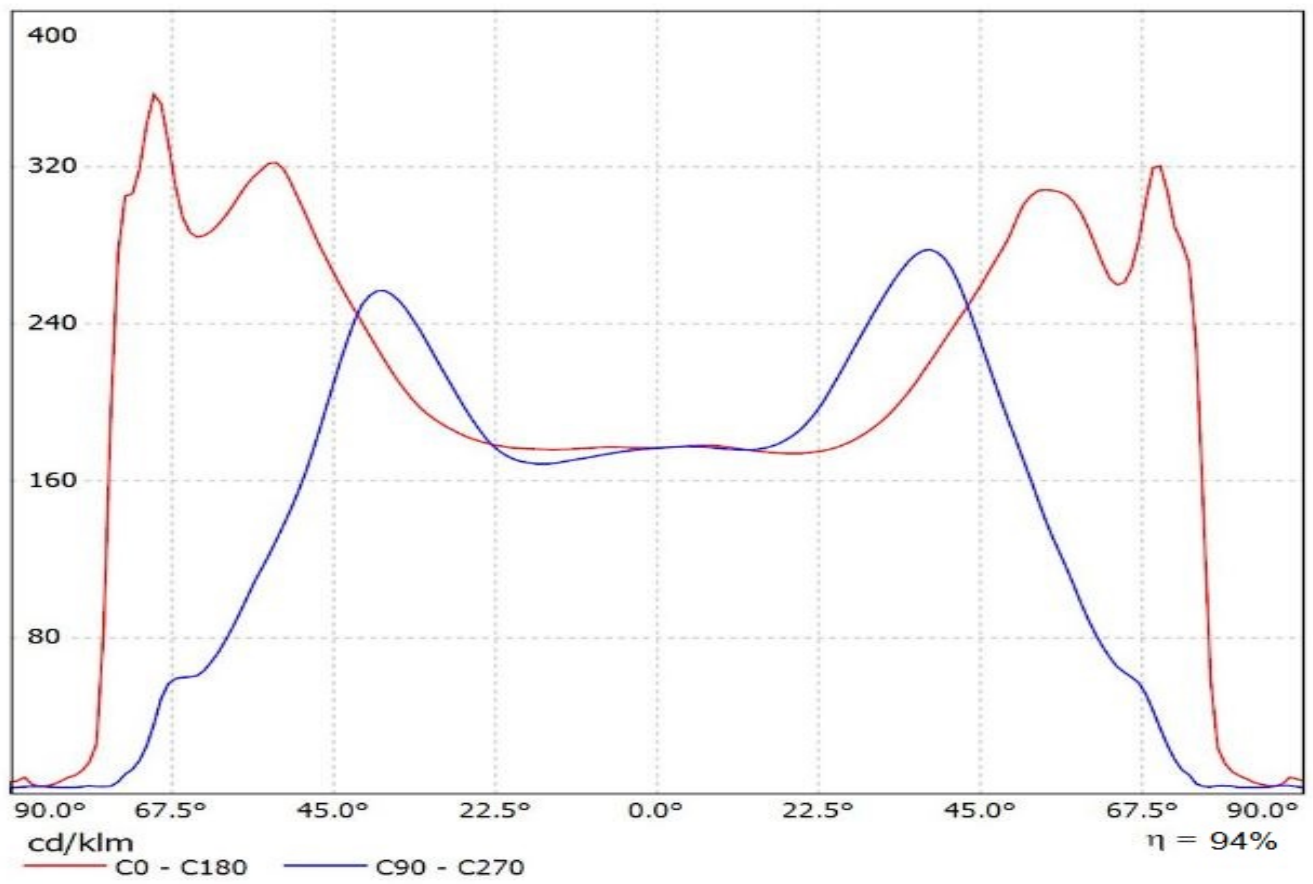


Luminaire: Ledil Oy C14750STRADA-2X2-CAT_(Duris_S8_Gen2)_SIMULATED
Lamps: 1 x OSRAM_DURIS S8 GEN2 5050 package

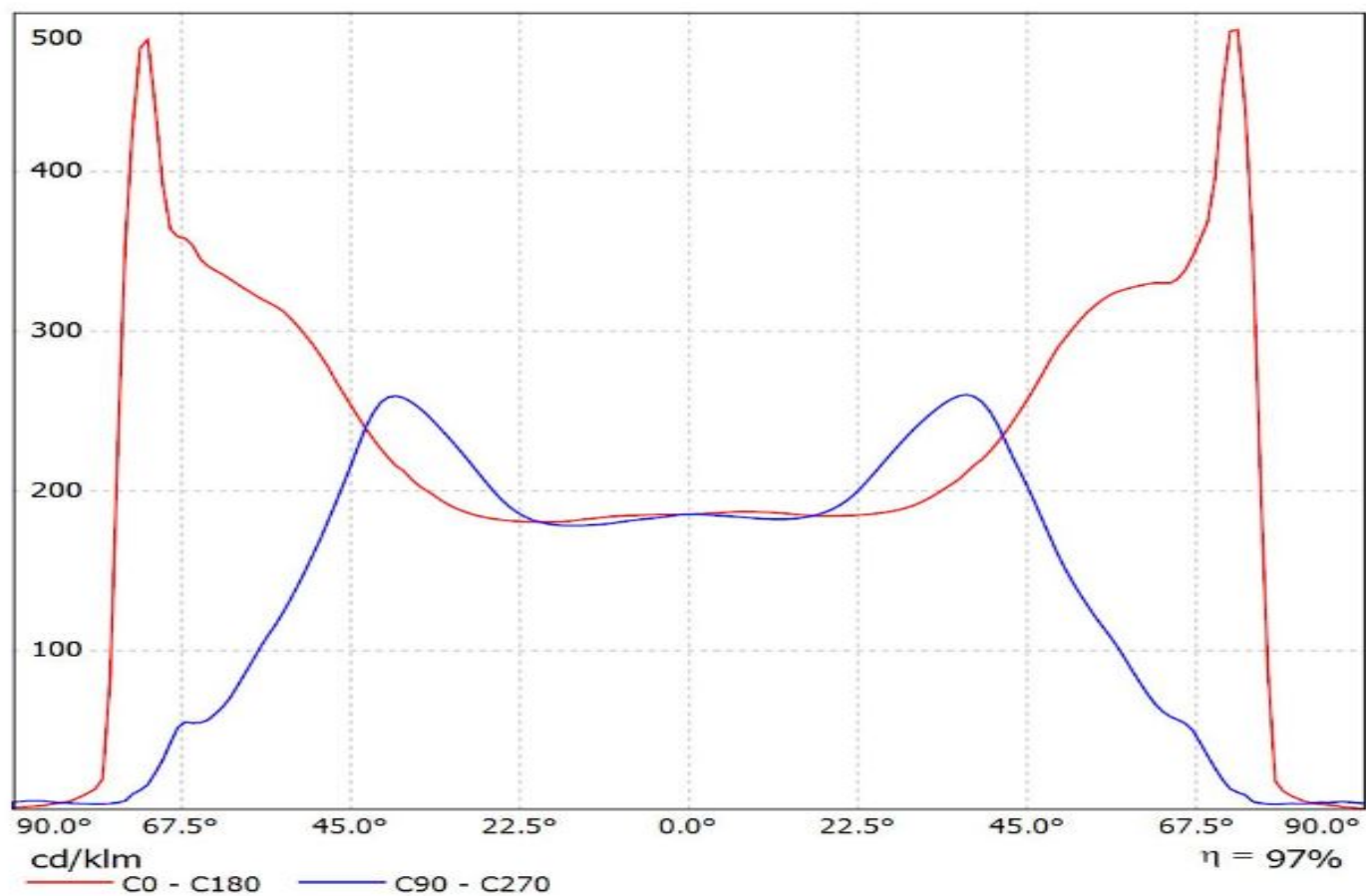


Luminaire: Ledil C14750_STRADA-2X2-CAT_(Square_Gen3)

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

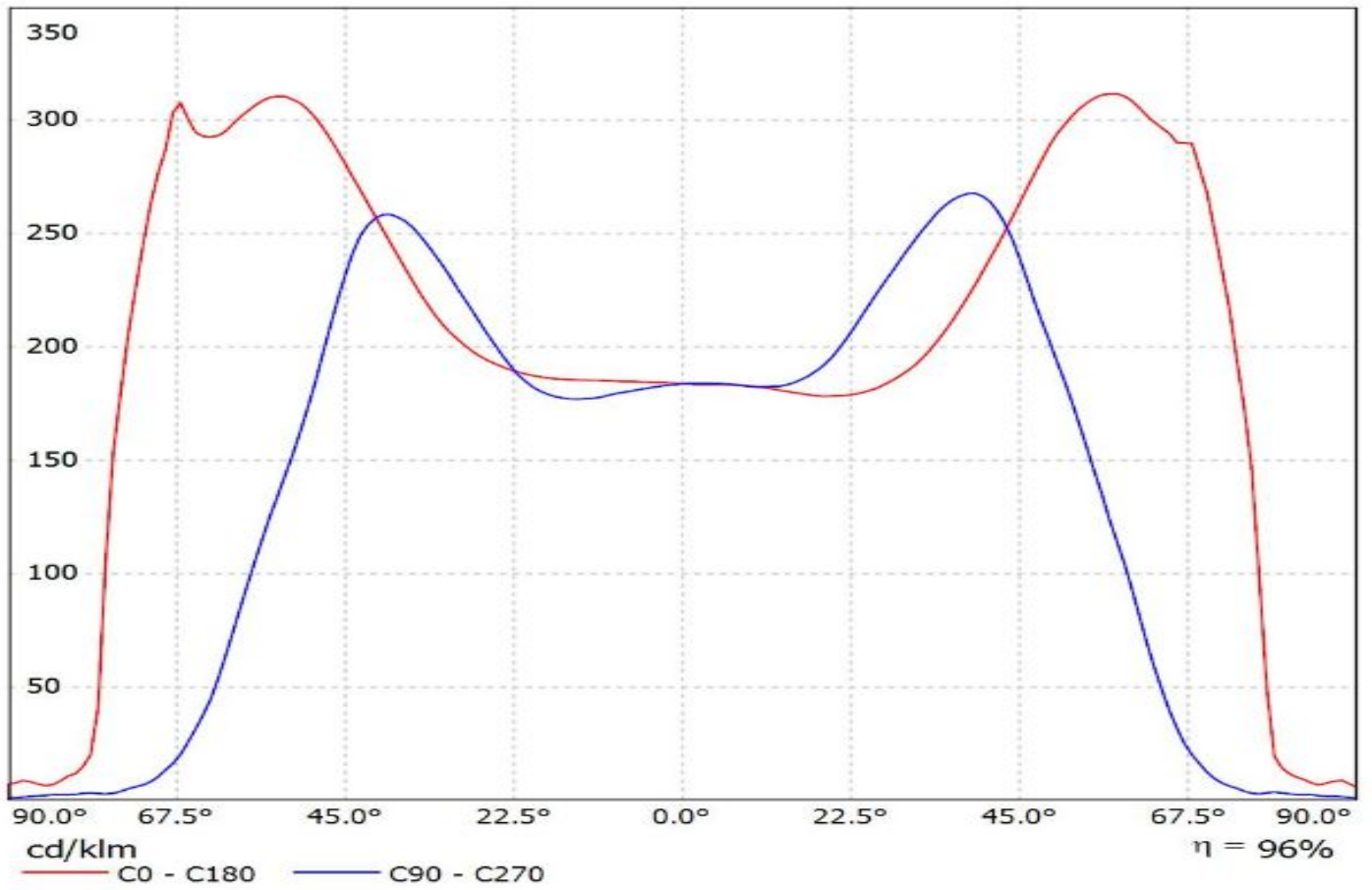


Luminaire: Ledil C14750_STRADA-2X2-CAT_(Fortimo_FastFlex_LED_board_2x8/740_DA_G3)
Lamps: 1 x Fortimo_FastFlex_LED_board_2x8/740_DA_G3_1823.98lm@250mA_P=11.65W_I=0.25A

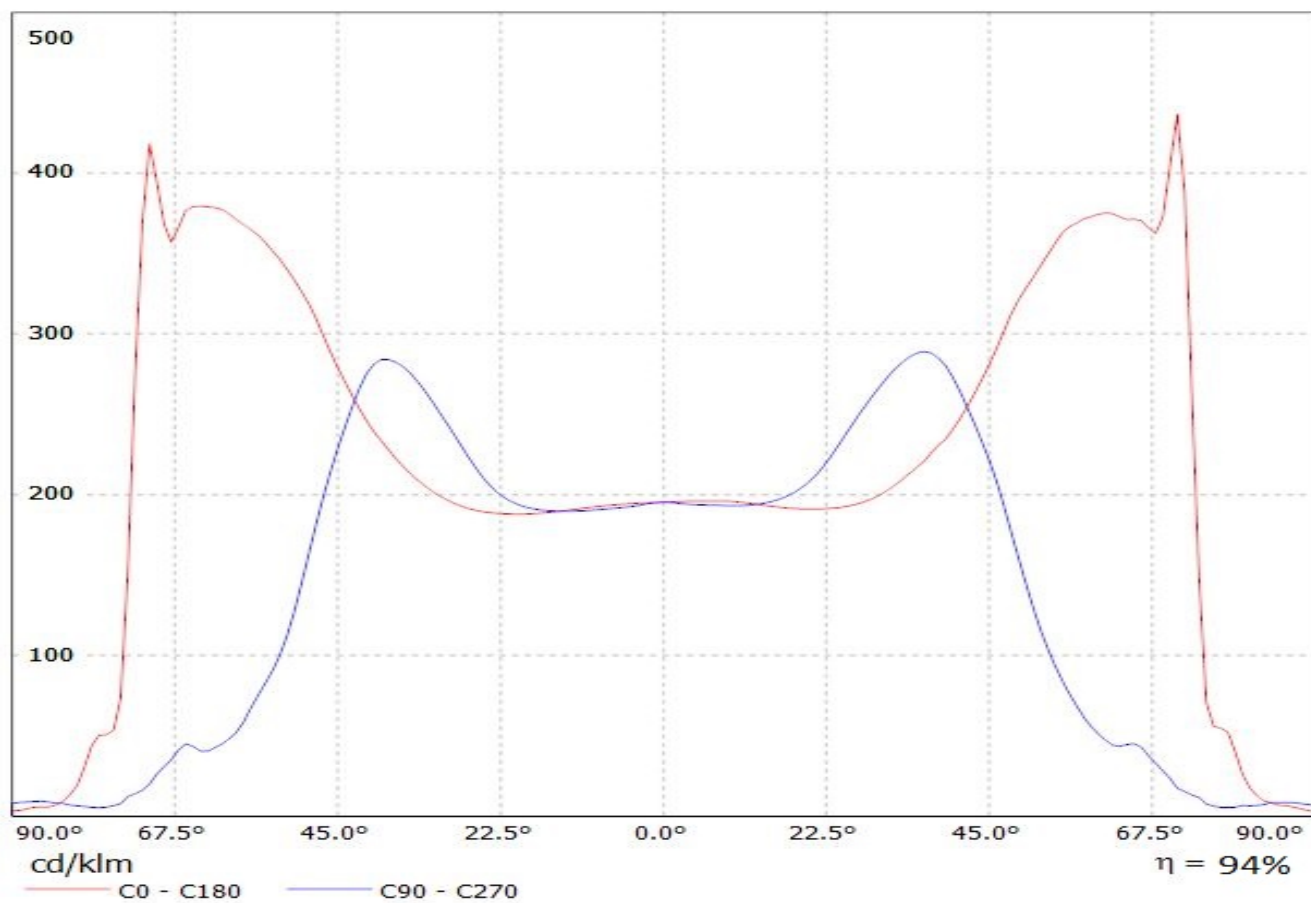


Luminaire: Ledil C14750_STRADA-2X2-CAT_(LH351B)

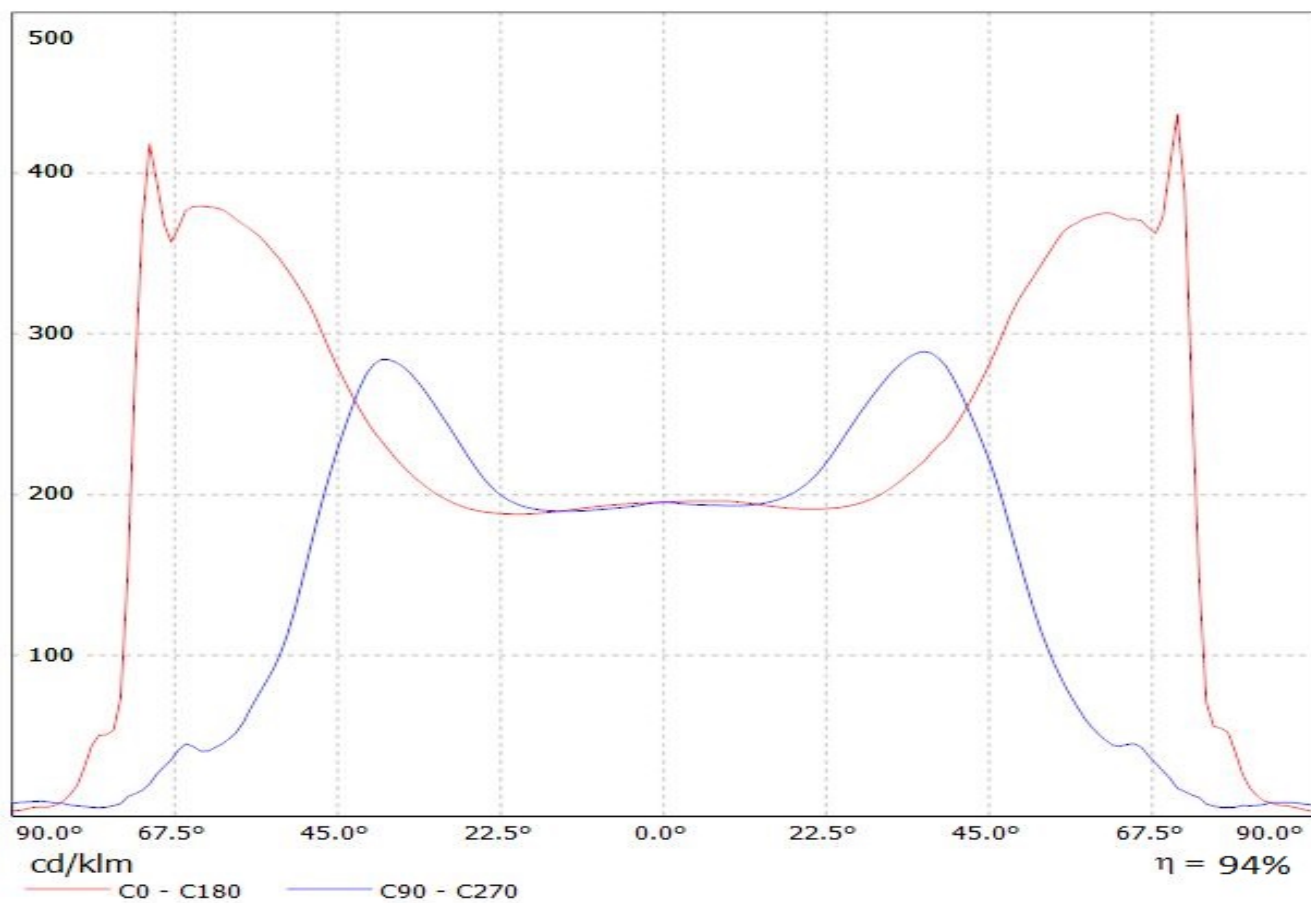
Lamps: 1 x Samsung_LH351B_2x2_444.178lm@250mA_P=2.8535W_I=0.25A



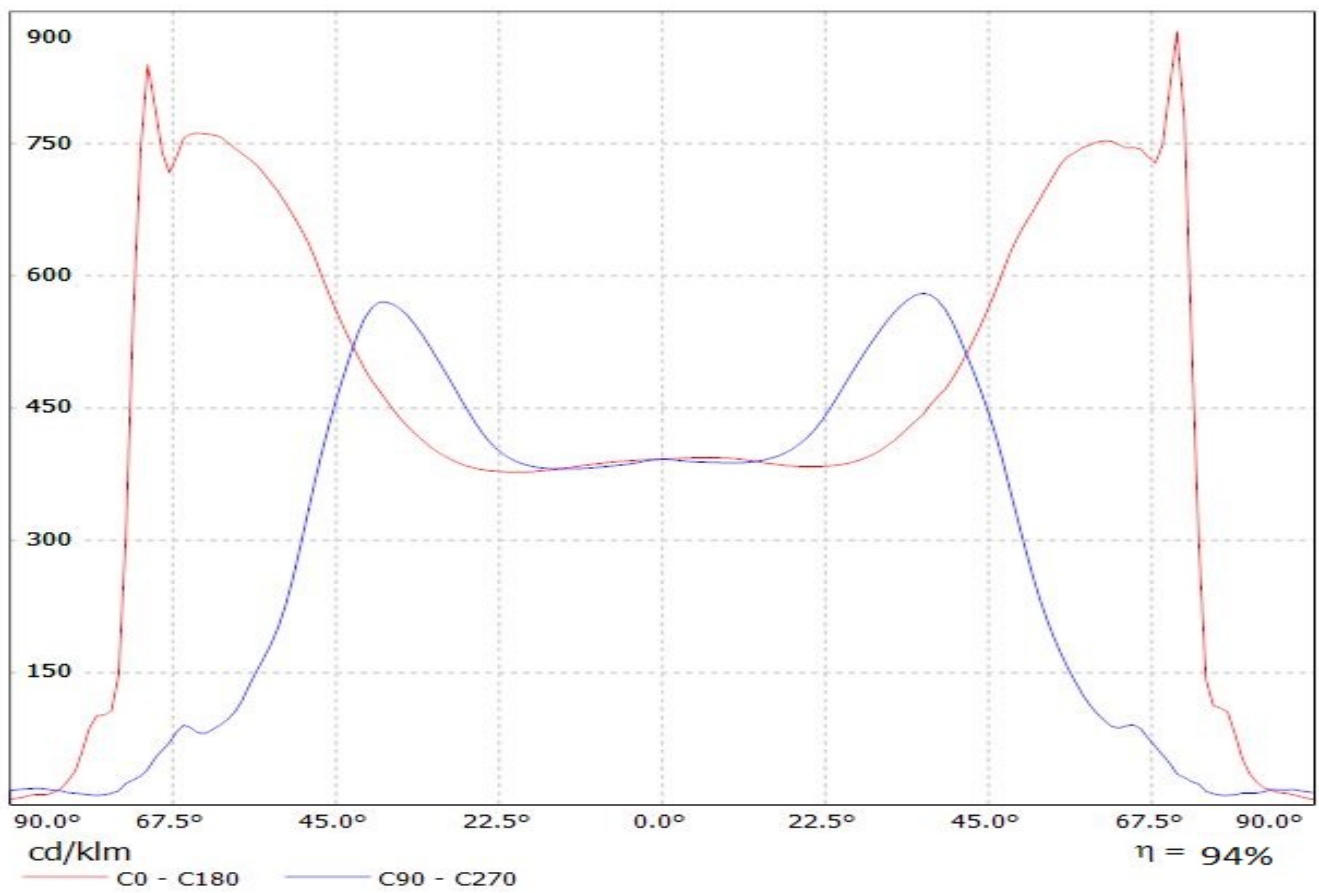
Luminaire: LEDiL Oy C14750_STRADA-2X2-CAT_(Tridonic_Module_RLE_G1)
Lamps: 1 x Tridonic_Module_RLE_G1_4594.42lm@700mA_P=32.1515W_I=0.700A



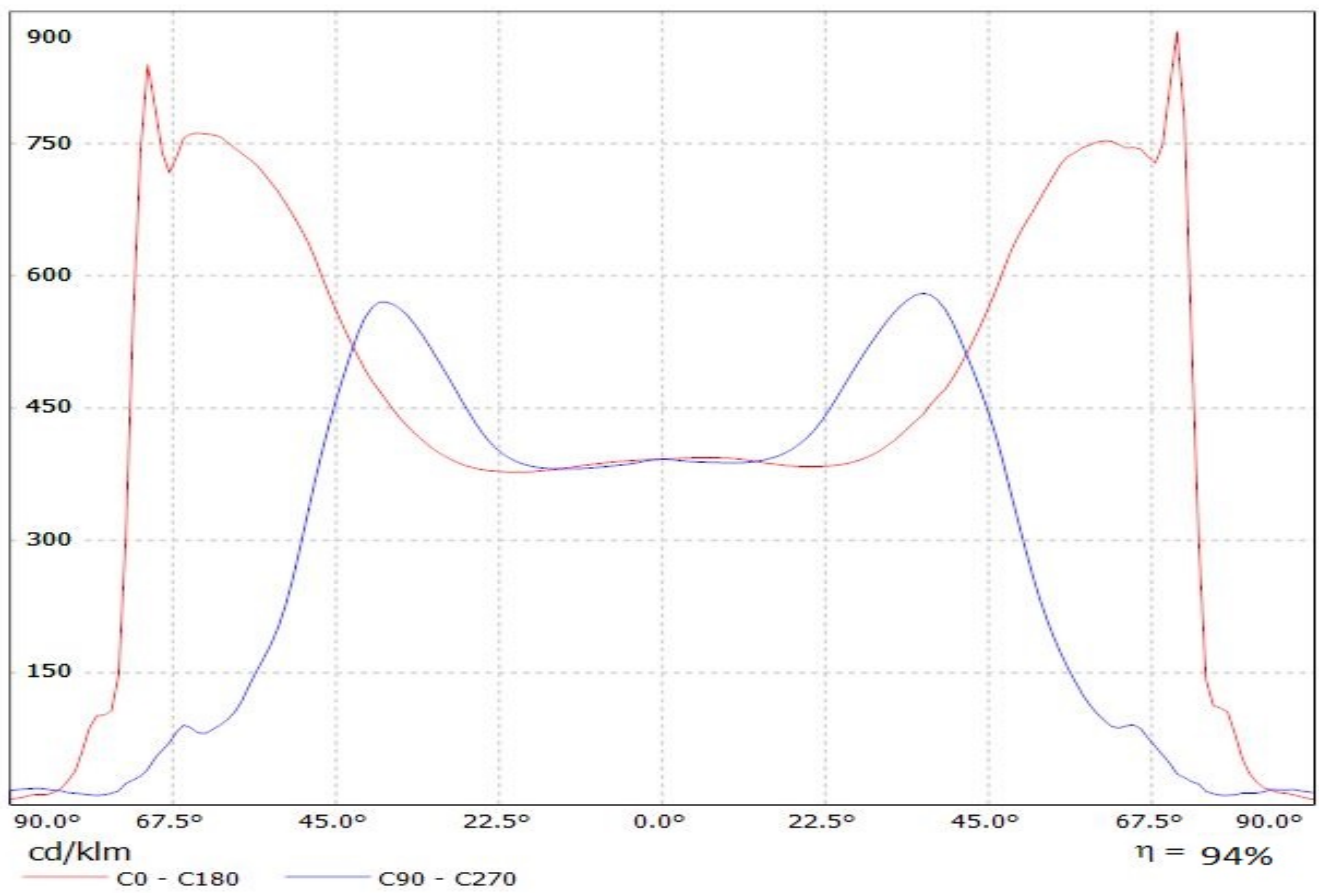
Luminaire: LEDiL Oy C14750_STRADA-2X2-CAT_(Tridonic_Module_RLE_G1)
Lamps: 1 x Tridonic_Module_RLE_G1_4594.42lm@700mA_P=32.1515W_I=0.700A



Luminaire: LEDiL Oy C14750_STRADA-2X2-CAT_(Tridonic_Module_RLE_G1)
Lamps: 1 x Tridonic_Module_RLE_G1_2288lm@700mA_P=16W_I=0.700A

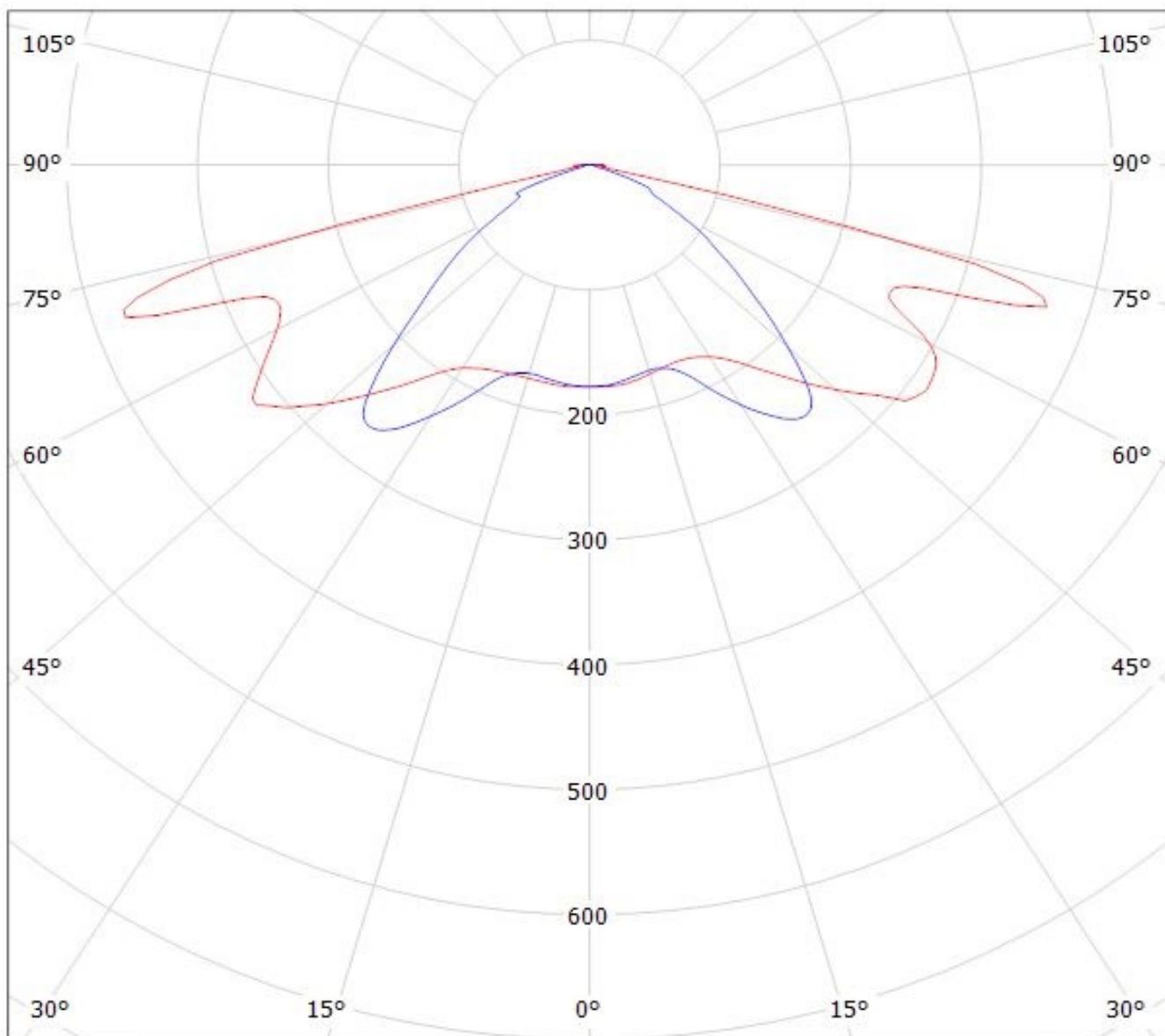


Luminaire: LEDiL Oy C14750_STRADA-2X2-CAT_(Tridonic_Module_RLE_G1)
Lamps: 1 x Tridonic_Module_RLE_G1_2288lm@700mA_P=16W_I=0.700A



Luminaire: LEDiL Oy C14750_STRADA-2X2-CAT_(XP-G2)

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



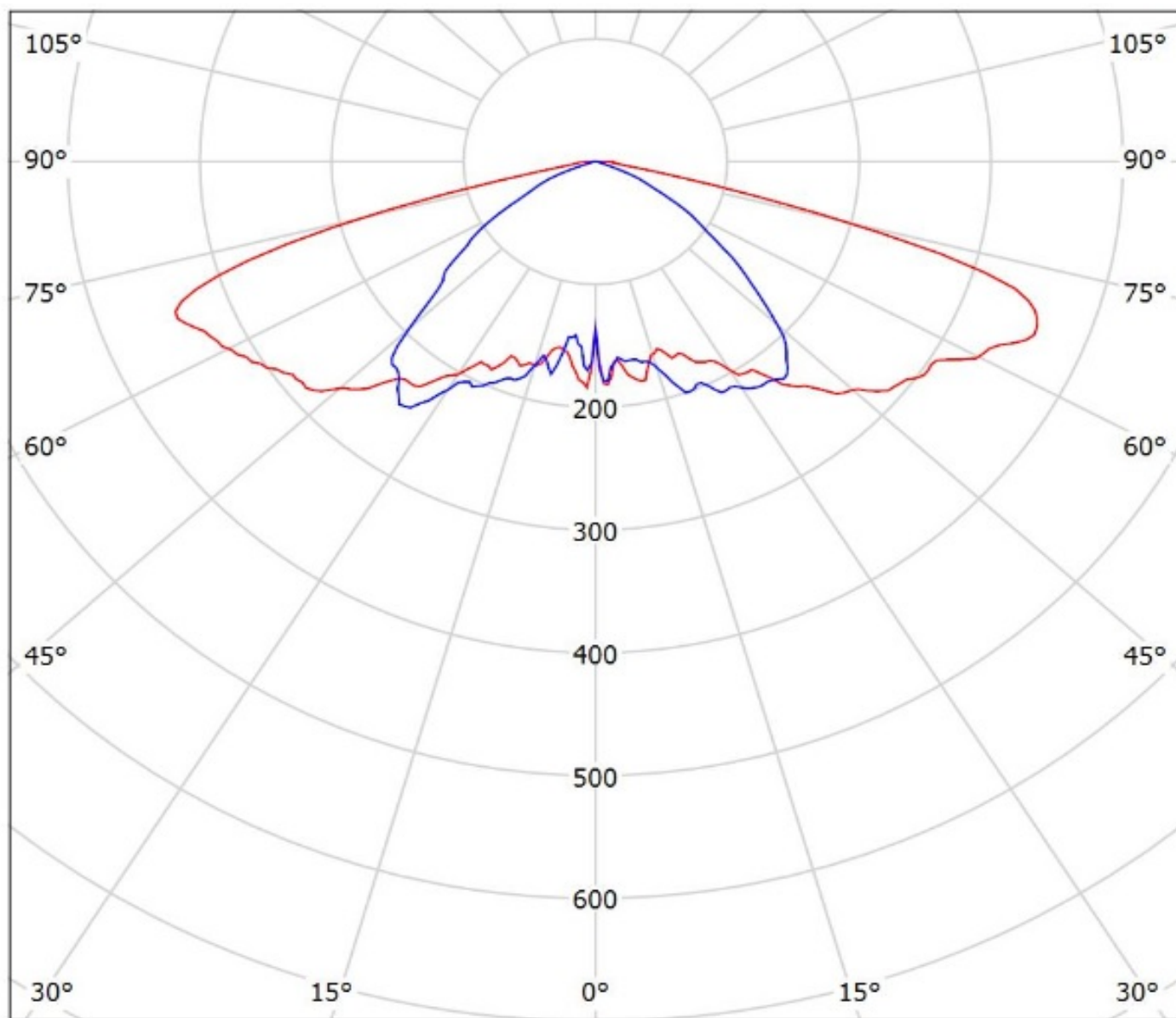
cd/klm

— C0 - C180

— C90 - C270

$\eta = 94\%$

Luminaire: Ledil Oy C14750_STRADA-2X2-CAT_(XM-L)_SIMULATED
Lamps: 1 x CREE XM-L

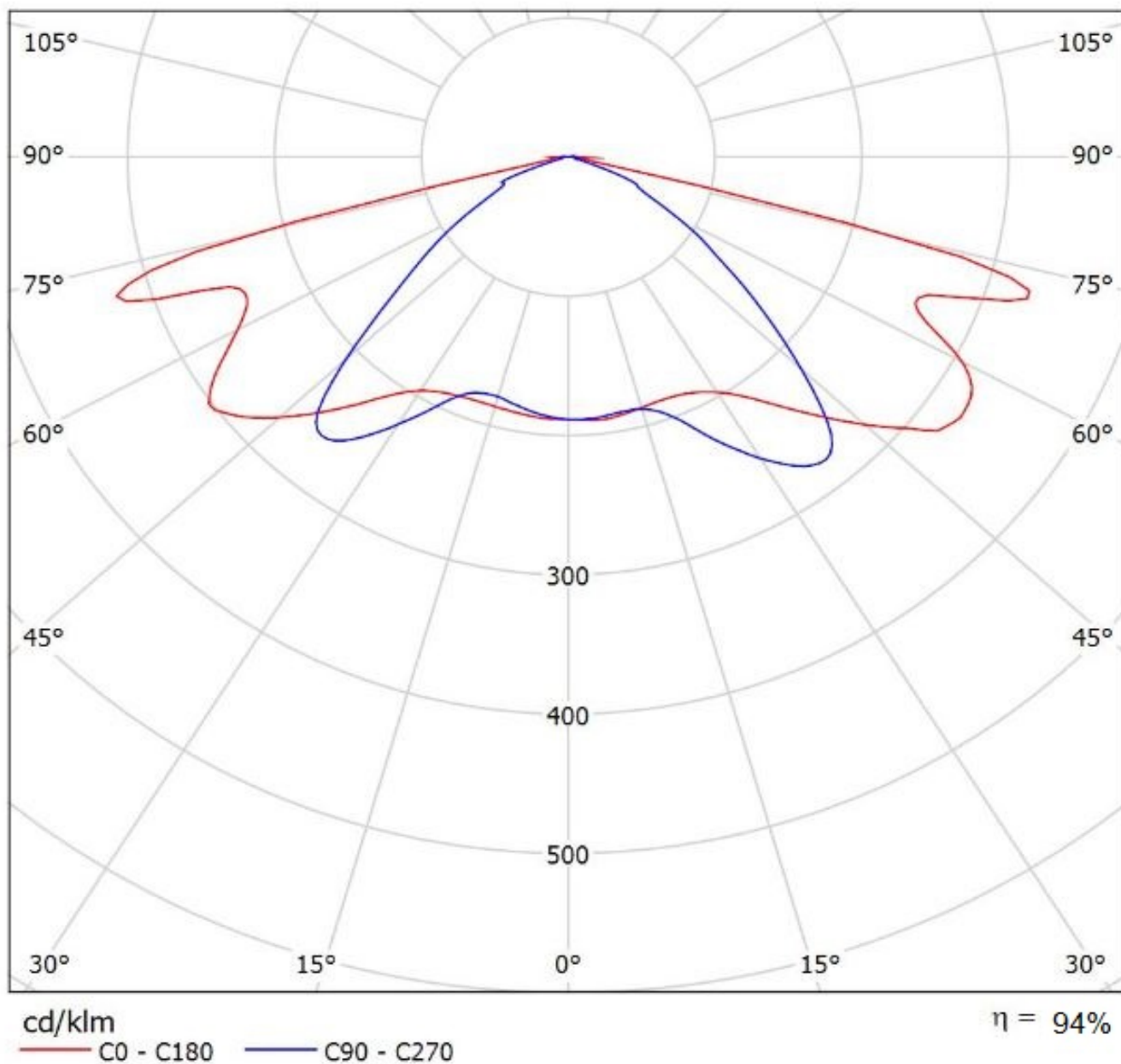


cd/klm

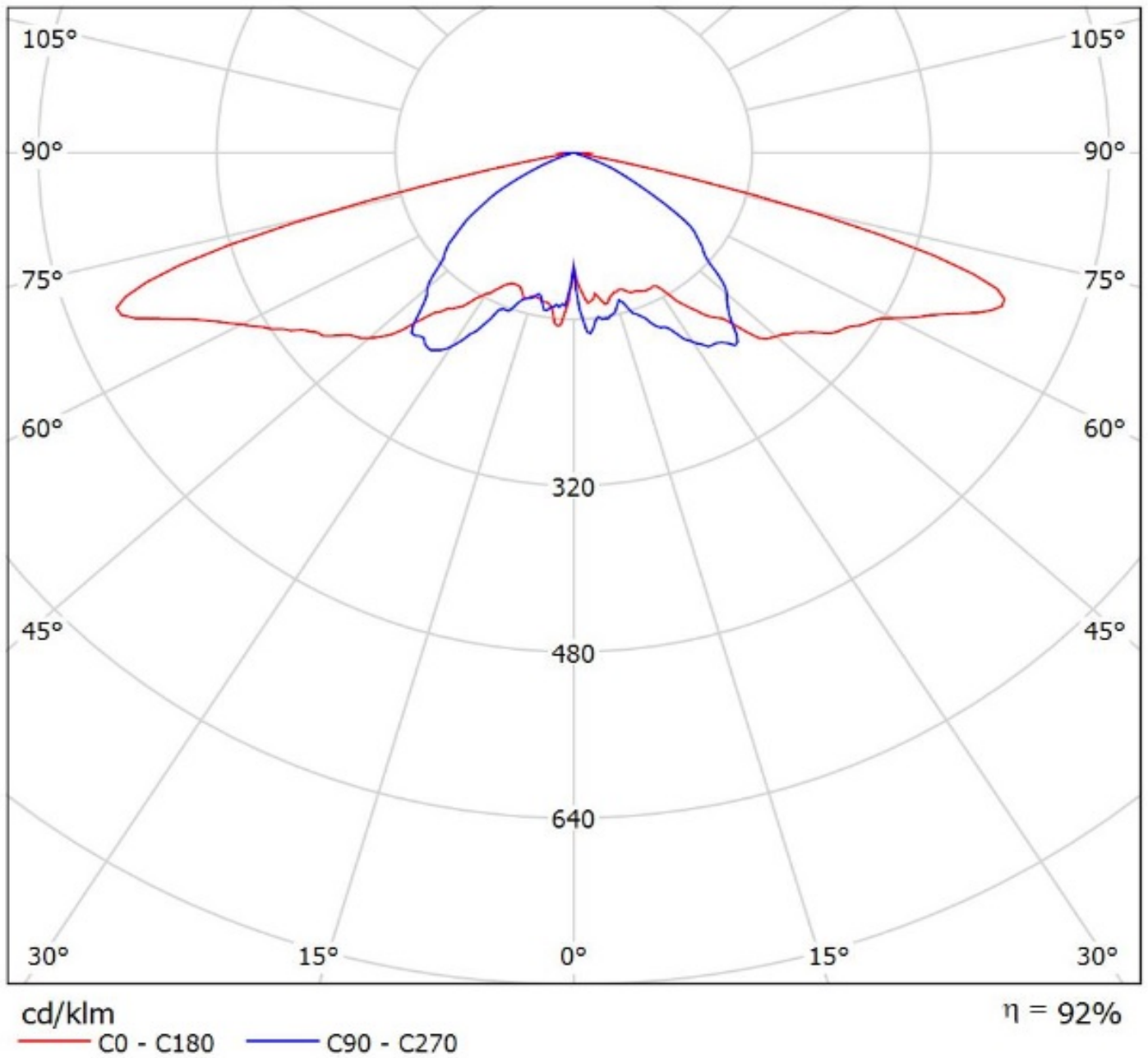
— C0 - C180 — C90 - C270

$\eta = 93\%$

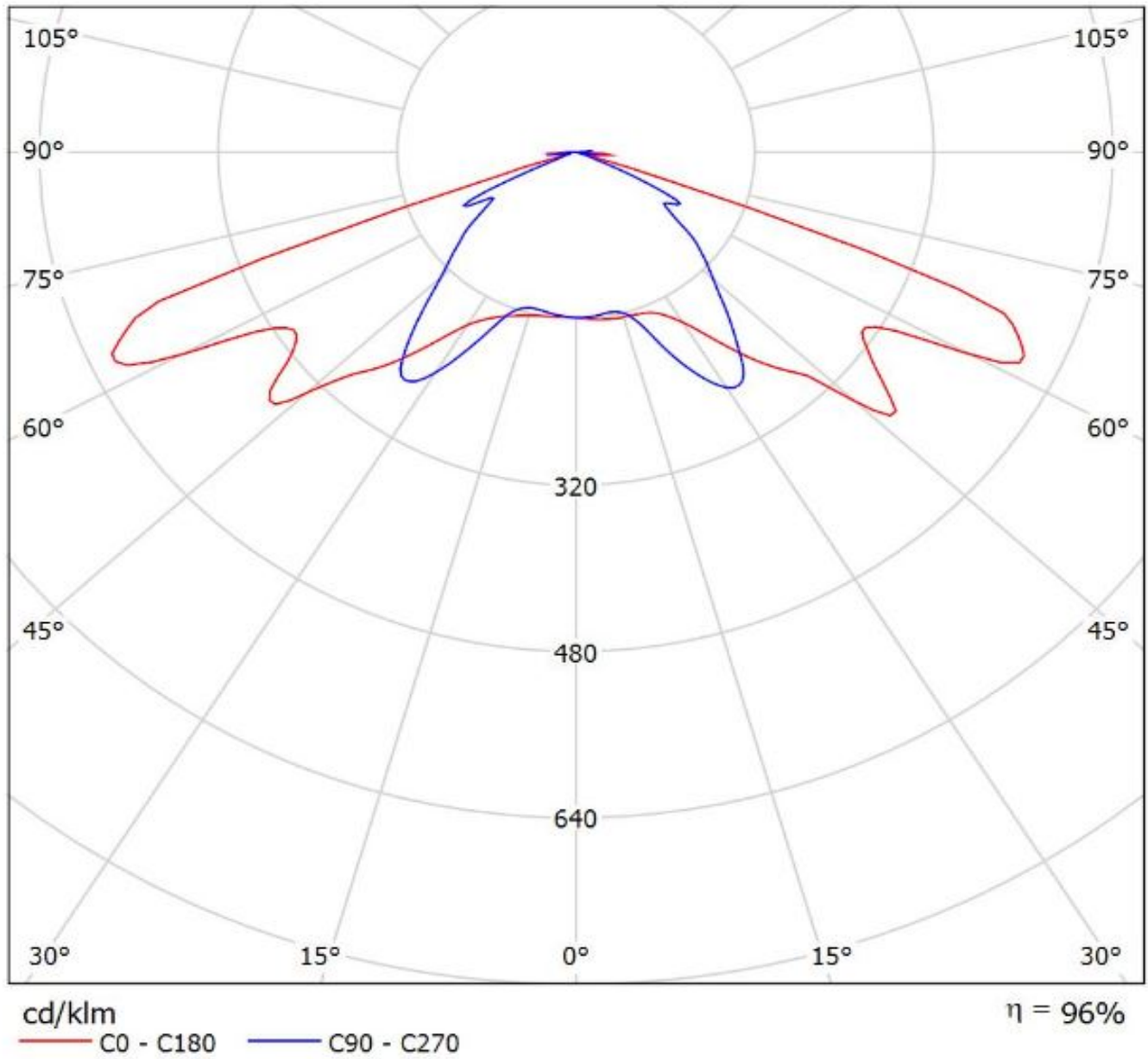
Luminaire: Ledil C14750_STRADA-2X2-CAT_(H35C1)
Lamps: 1 x LG_H35C1_2x2_477.216lm@250mA_P=2.87475W_I=0.250A



Luminaire: Ledil Oy C14750_STRADA-2x2-CAT_(NVSxx19C)_SIMULATED
Lamps: 1 x NICHIA_NVsx219C

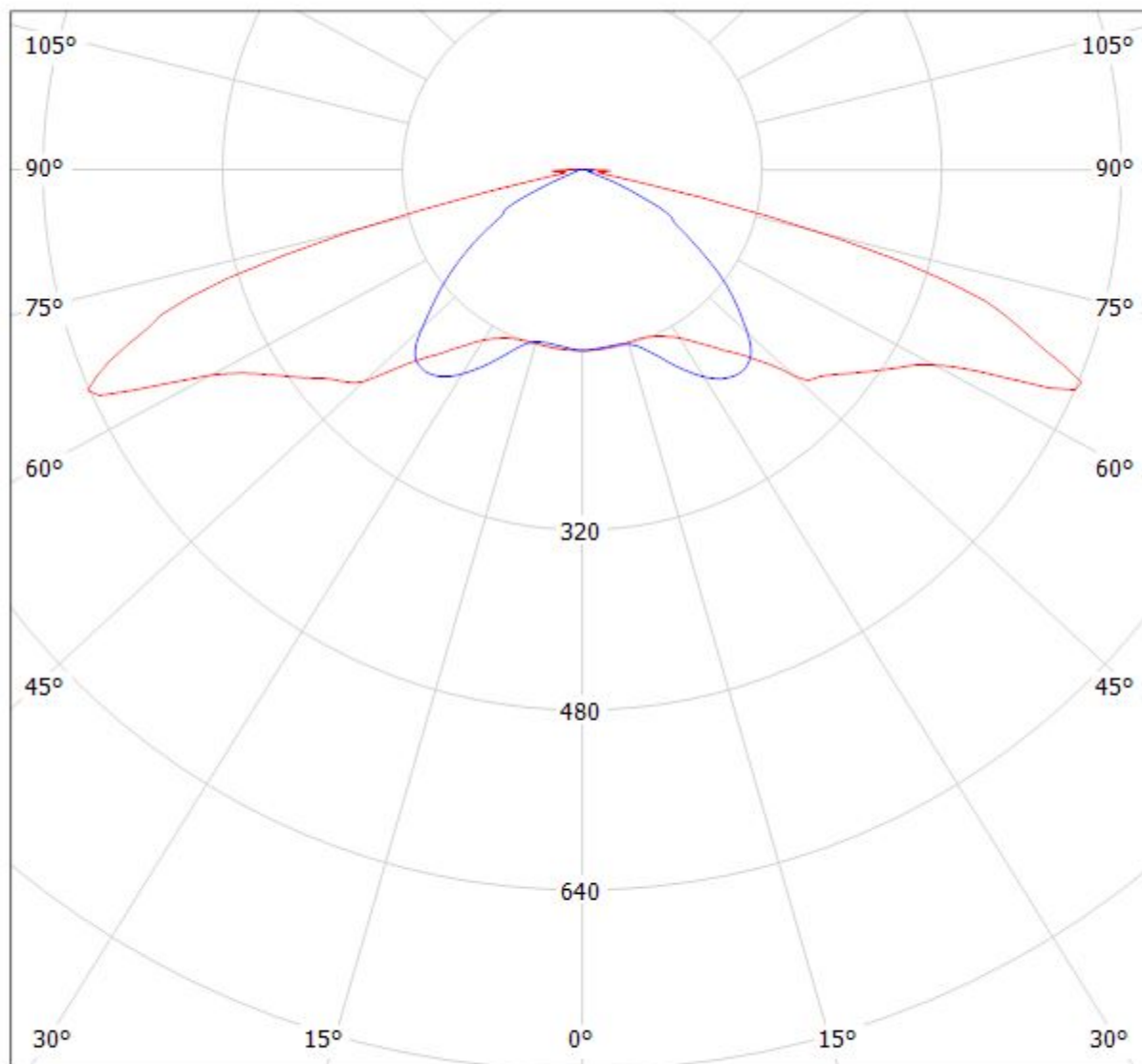


Luminaire: LEDiL Oy C14750_STRADA-2X2-CAT_(E21A)
Lamps: 1 x Nichia_E21A_452.248lm@250mA_2.805W_η=0.250A



Luminaire: LEDiL Oy C14750_STRADA-2X2-CAT_(NVSW319AE)

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



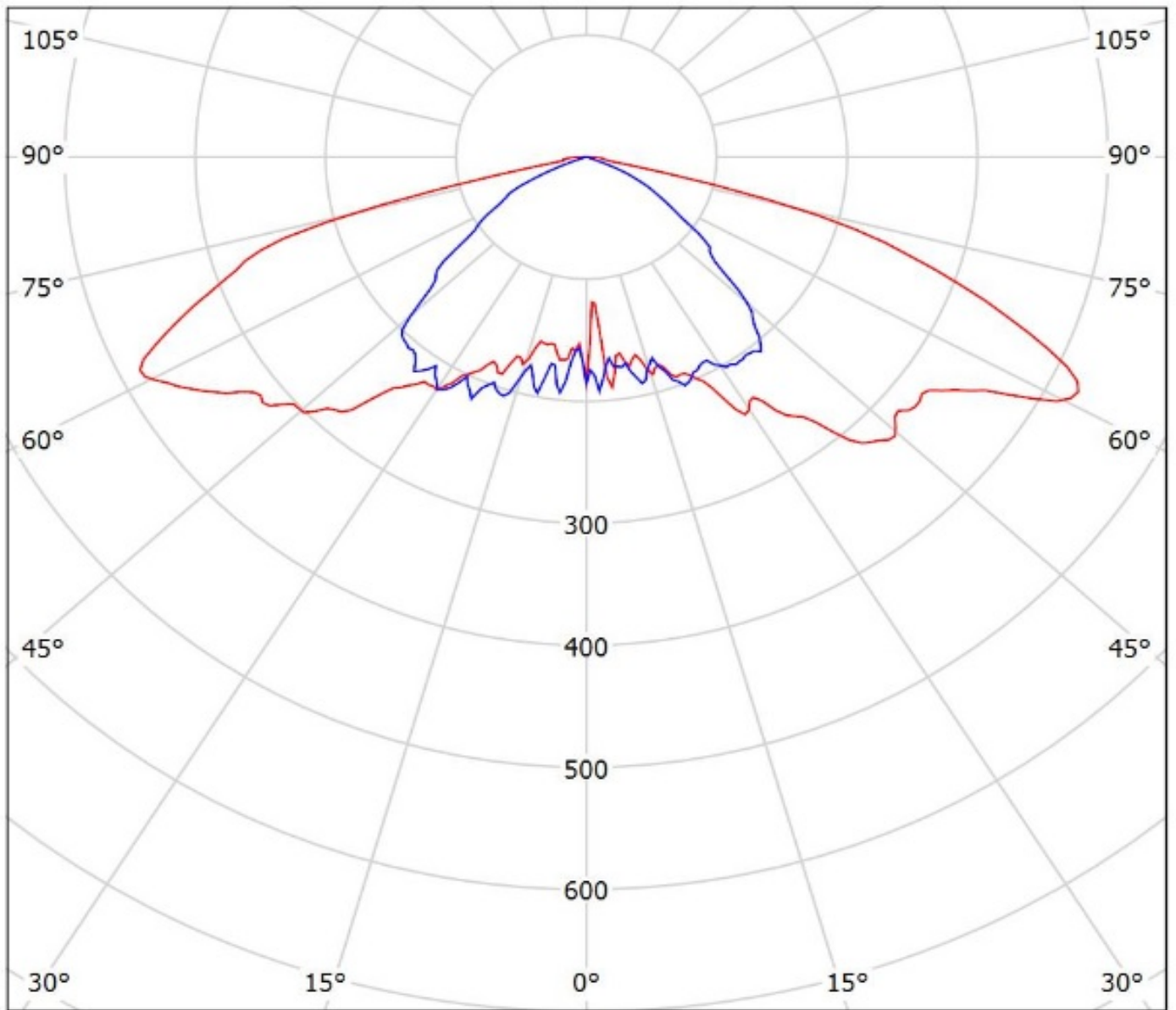
cd/klm

— C0 - C180

— C90 - C270

$\eta = 97\%$

Luminaire: Ledil Oy C14750STRADA-2X2-CAT_(Duris_S8_Gen2)_SIMULATED
Lamps: 1 x OSRAM_DURIS S8 GEN2 5050 package

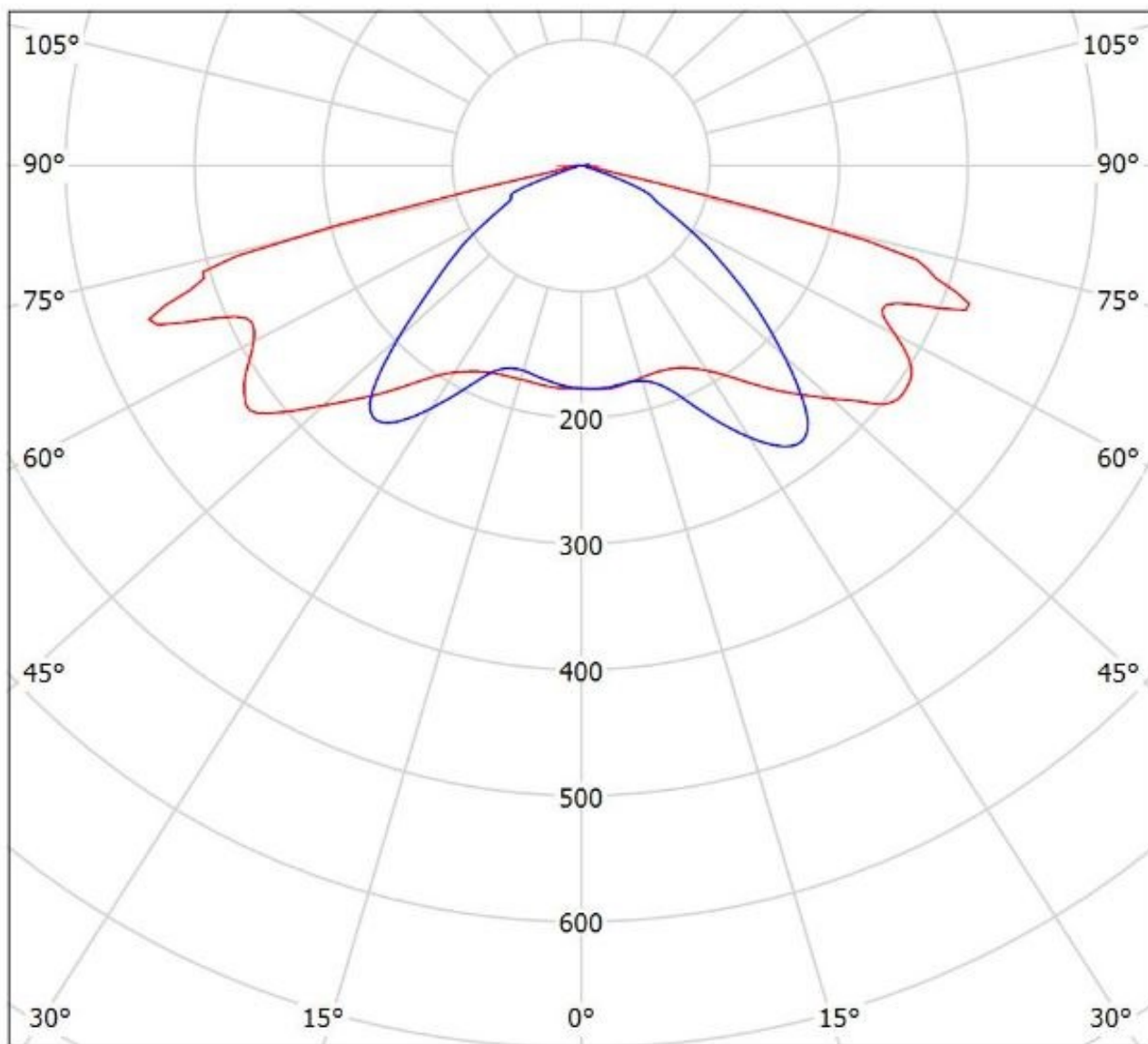


cd/klm
— C0 - C180 — C90 - C270

$\eta = 94\%$

Luminaire: Ledil C14750_STRADA-2X2-CAT_(Square_Gen3)

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



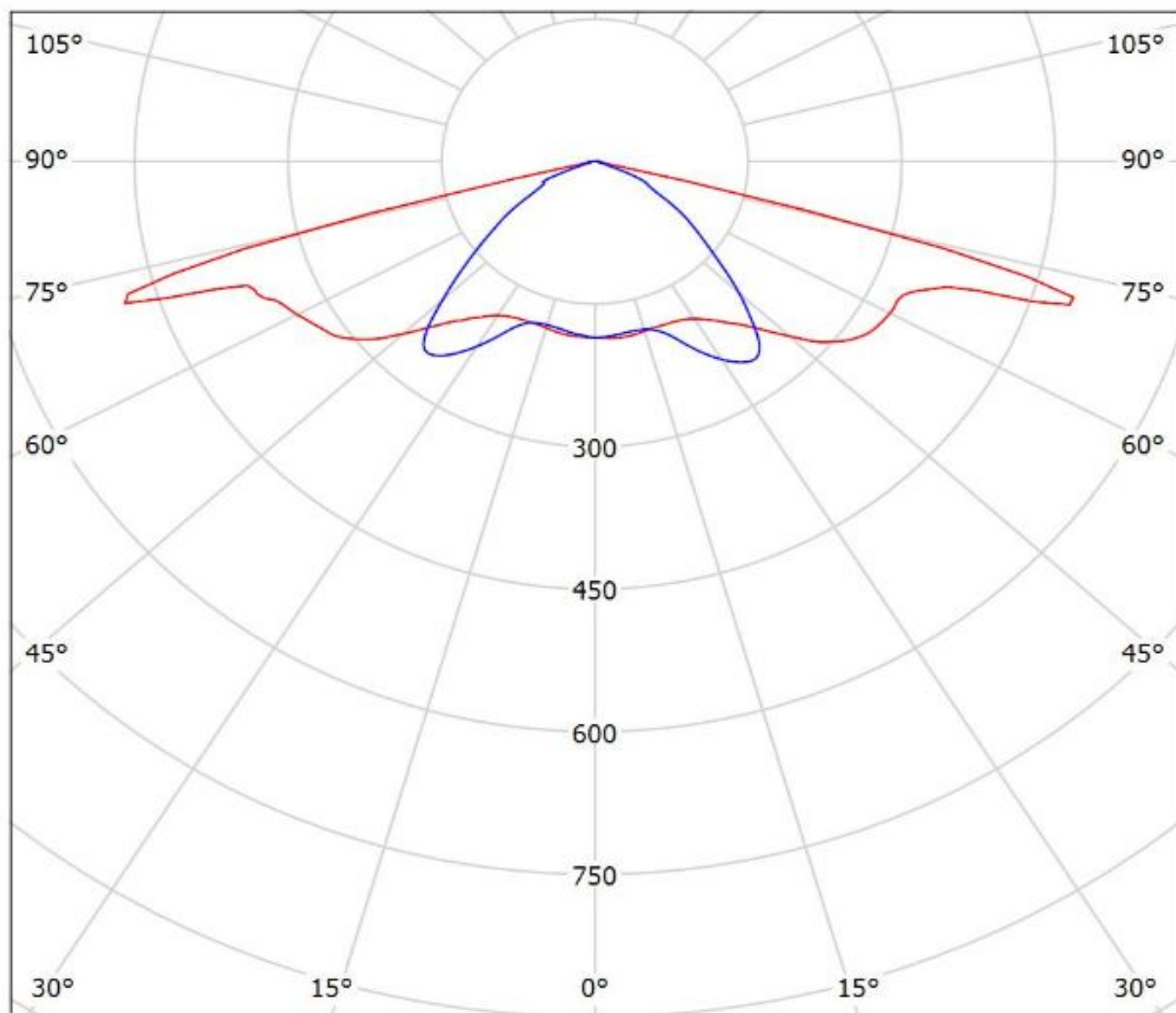
cd/klm

— C0 - C180

— C90 - C270

$\eta = 94\%$

Luminaire: Ledil C14750_STRADA-2X2-CAT_(Fortimo_FastFlex_LED_board_2x8/740_DA_G3)
Lamps: 1 x Fortimo_FastFlex_LED_board_2x8/740_DA_G3_1823.98lm@250mA_P=11.65W_I=0.25A



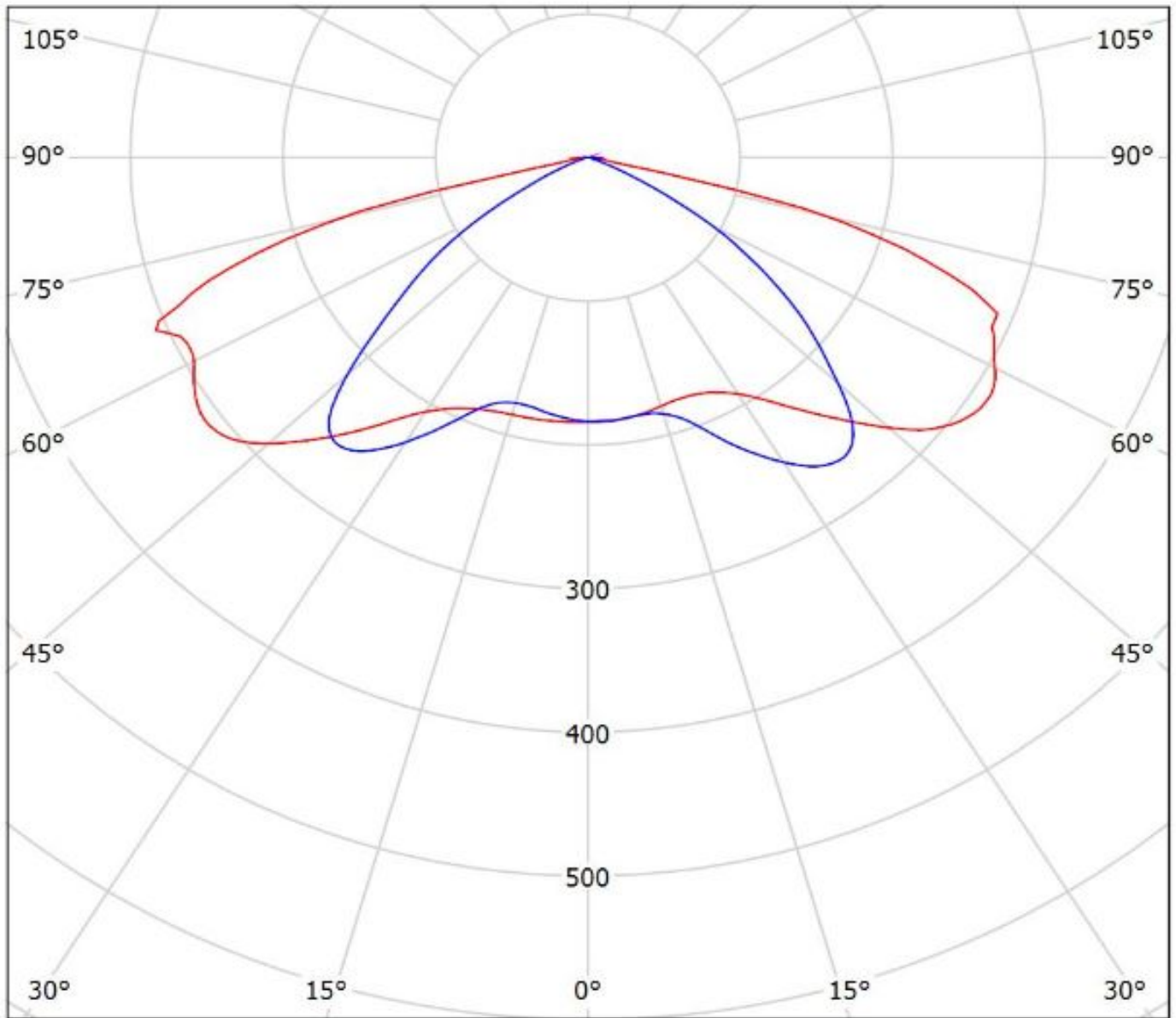
cd/klm

— C0 - C180 — C90 - C270

$\eta = 97\%$

Luminaire: Ledil C14750_STRADA-2X2-CAT_(LH351B)

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

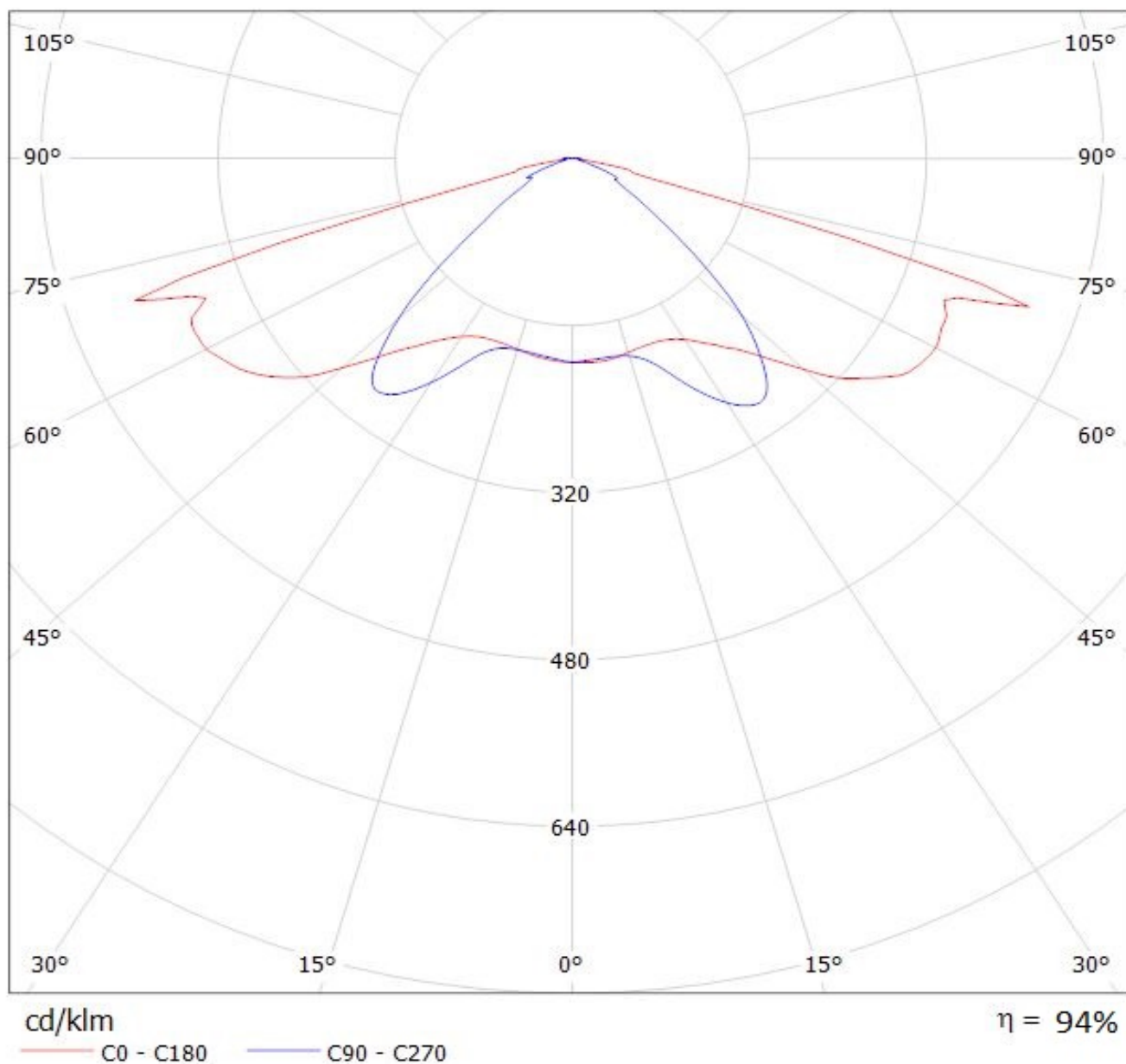


cd/klm

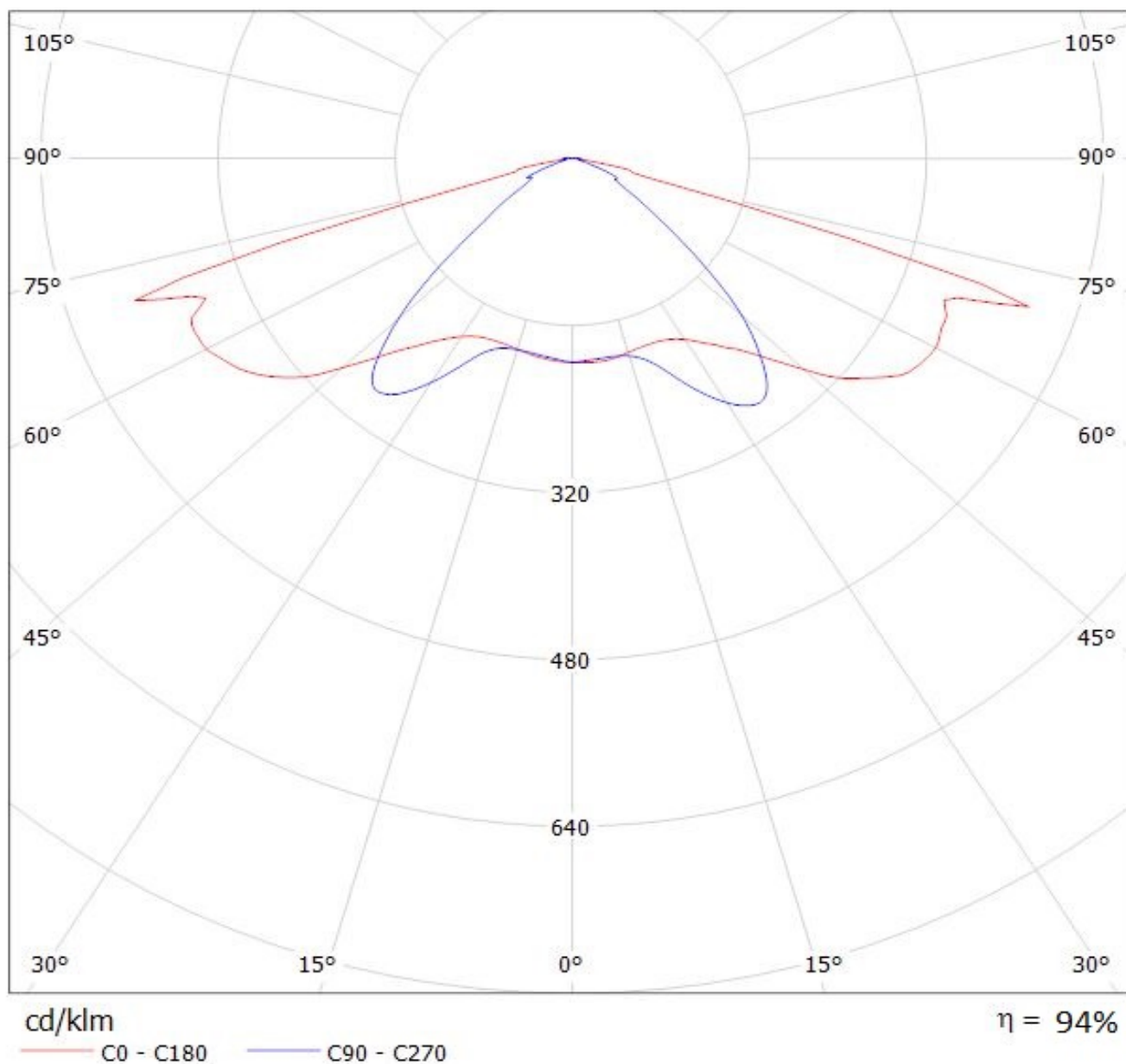
— C0 - C180 — C90 - C270

$\eta = 96\%$

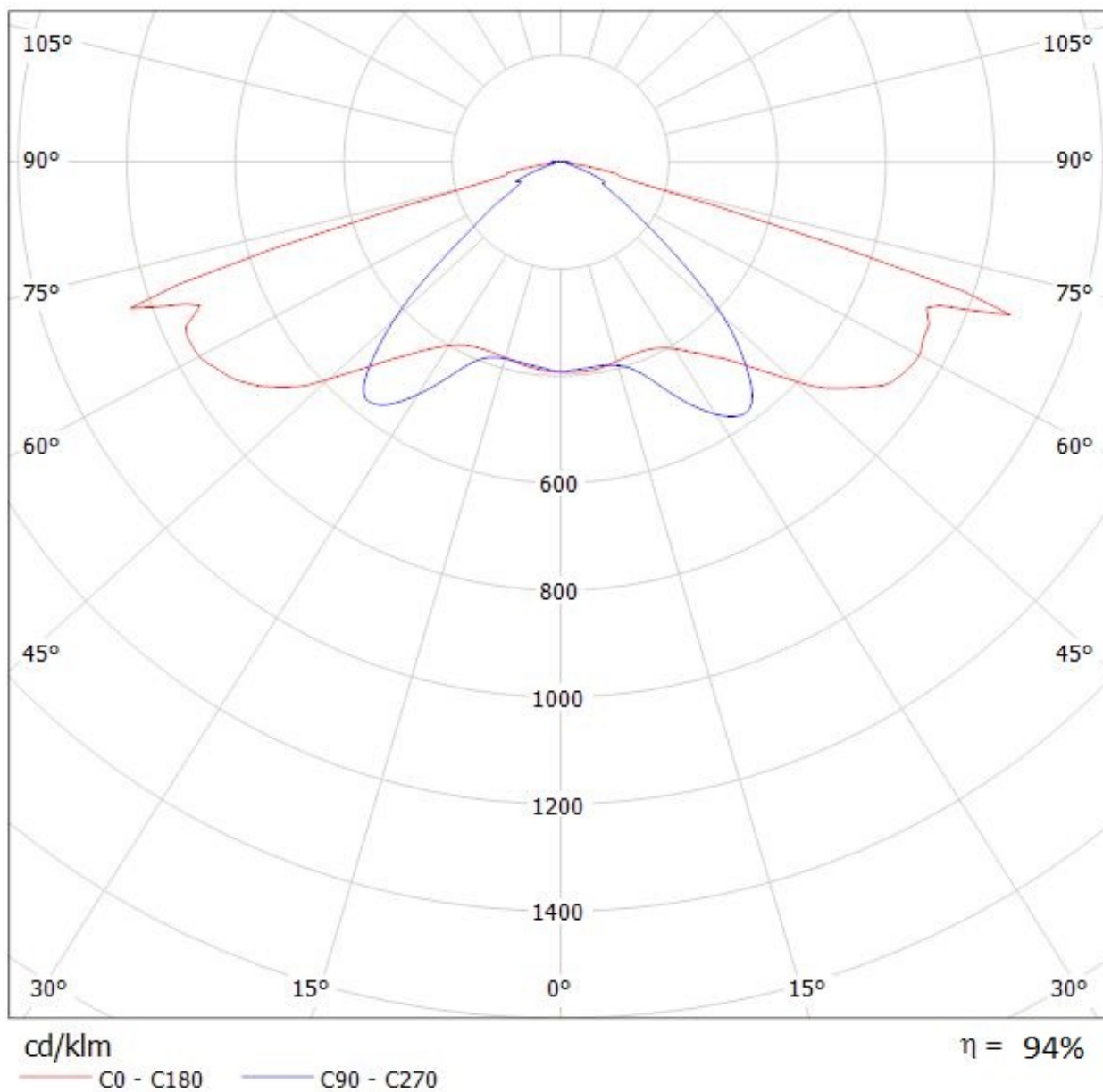
Luminaire: LEDiL Oy C14750_STRADA-2X2-CAT_(Tridonic_Module_RLE_G1)
Lamps: 1 x Tridonic_Module_RLE_G1_4594.42lm@700mA_P=32.1515W_I=0.700A



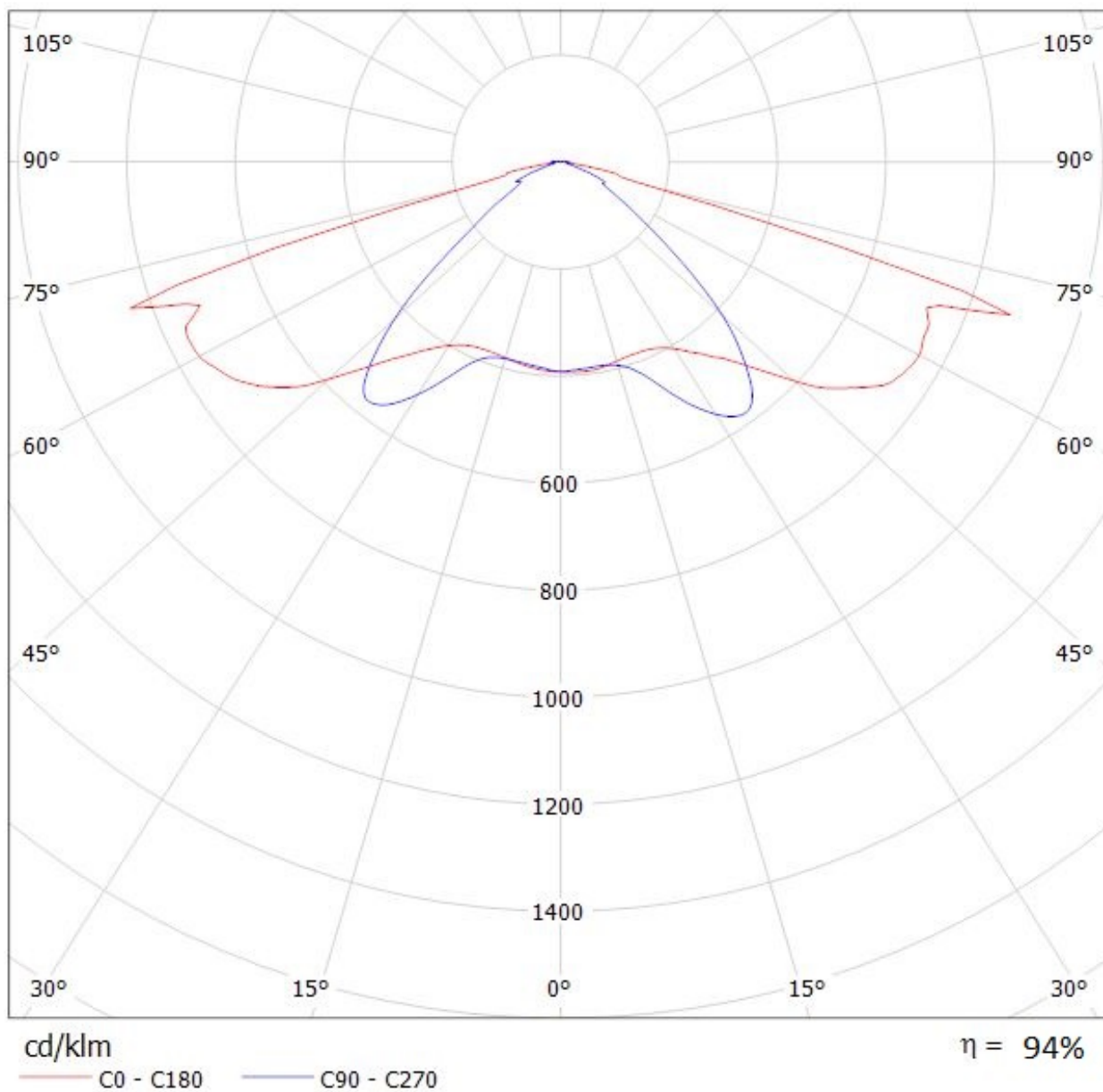
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Luminaire: LEDiL Oy C14750_STRADA-2X2-CAT_(Tridonic_Module_RLE_G1)
Lamps: 1 x Tridonic_Module_RLE_G1_2288lm@700mA_P=16W_I=0.700A



Luminaire: LEDiL Oy C14750_STRADA-2X2-CAT_(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.