

DETAILS

Product Number	C12362_STRADA-2X2-DWC
Family	Strada-Module
Type	Lens array
Color	clear
Diameter	50x50 mm
Height	6 mm
Style	square
Optic Material	PMMA
Holder Material	
Fastening	screw, pin, glue
Status	ready
ROHS Compliant	Yes
Date Updated	7/01/2016



OPTICAL PROPERTIES

LED	Viewing Angle	Light Beam	Efficiency	cd/lm	Connector
XM-L	Asymmetric deg	Streetligh...	92 %	0.410	-
XT-E	Asymmetric deg	Streetligh...	93 %	0.490	-
Z5	Asymmetric deg	Streetligh...	93 %	sim: 0.000	-
XP-G	Asymmetric deg	Streetligh...	93 %	0.470	-
LUXEON Rebel ES	Asymmetric deg	Streetligh...	93 %	0.410	-
Oslon Square PC	Asymmetric deg	Streetligh...	92 %	0.600	-
XT-E HVW	Asymmetric deg	Streetligh...	-	sim: 0.000	-
H35C0 (LEMWA33)	Asymmetric deg	Streetligh...	94 %	0.500	-
LUXEON T	Asymmetric deg	Streetligh...	93 %	0.700	-
NS9x383	Asymmetric deg	Streetligh...	95 %	0.490	-
Acrich MJT 4040	Asymmetric deg	Streetligh...	94 %	0.600	-
XQ-E	sim: Asymmetri	Streetligh...	sim: 89 %	sim: 0.000	-
LUXEON H50-2	sim: Asymmetri	Streetligh...	-	sim: 0.000	-
LUXEON Q	asymmetric deg	Streetligh...	94 %	0.700	-
XM-L2	sim: Asymmetri	Streetligh...	-	sim: 0.000	-
Z5M1/Z5M2	asymmetric deg	Streetligh...	94 %	0.700	-
XP-G2	asymmetric deg	Streetligh...	94 %	0.700	-
XP-L	Asymmetric deg	Streetligh...	94 %	0.510	-
LUXEON TX	asymmetric deg	Streetligh...	94 %	0.670	-
LUXEON MZ	asymmetric deg	Streetligh...	94 %	0.600	-
LH351B	Asymmetric deg	Streetligh...	89 %	0.620	-
LH351Z	asymmetric deg	Streetligh...	94 %	0.650	-
Fortimo FastFlex LED board 2x8/740 DA 69	asymmetric deg	Streetligh...	94 %	0.640	-
TL1L4	Asymmetric deg	Streetligh...	93 %	0.720	-
XP-L HI	asymmetric deg	Streetligh...	94 %	0.610	-

D

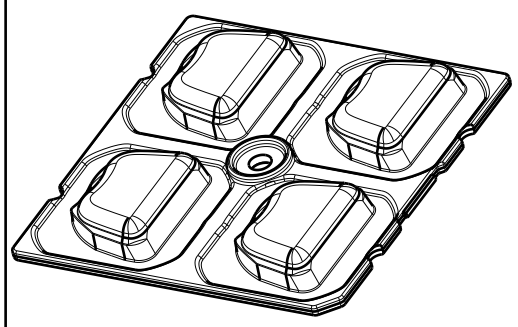
C

B

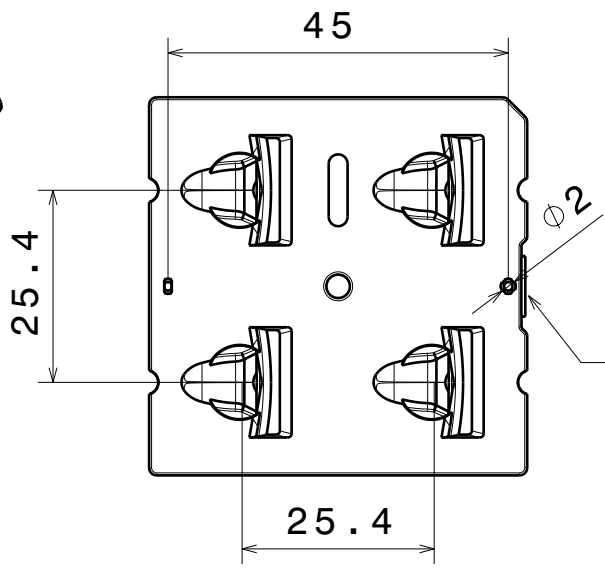
A

4

4



Isometric view

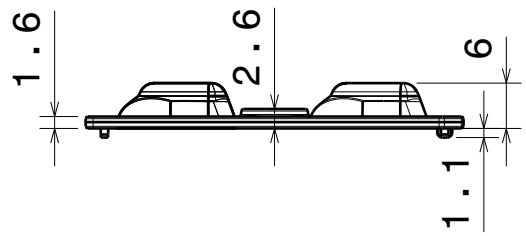


Bottom view

Position pins

3

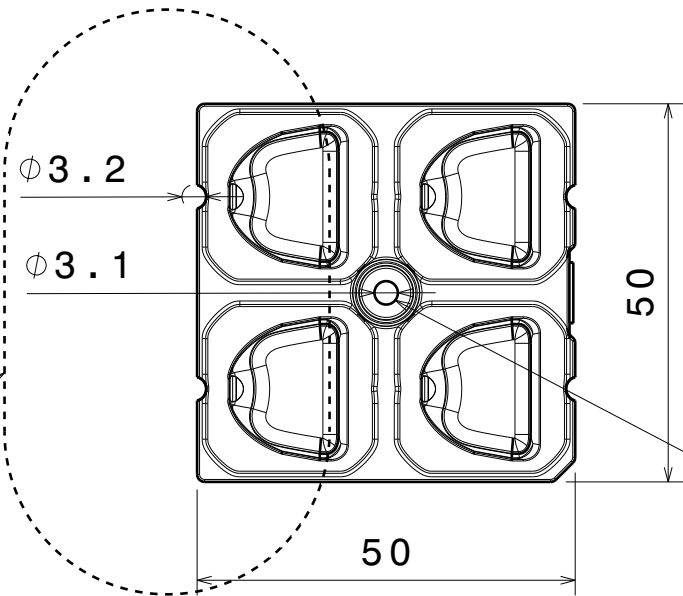
3



Front view

2

2



Top view

Beam direction (street side)

Screw hole

INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	C12362	STRADA-2X2-DWC	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
C12362_STRADA-2X2-DWC

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SIZE	PART NUMBER
A4	C12362

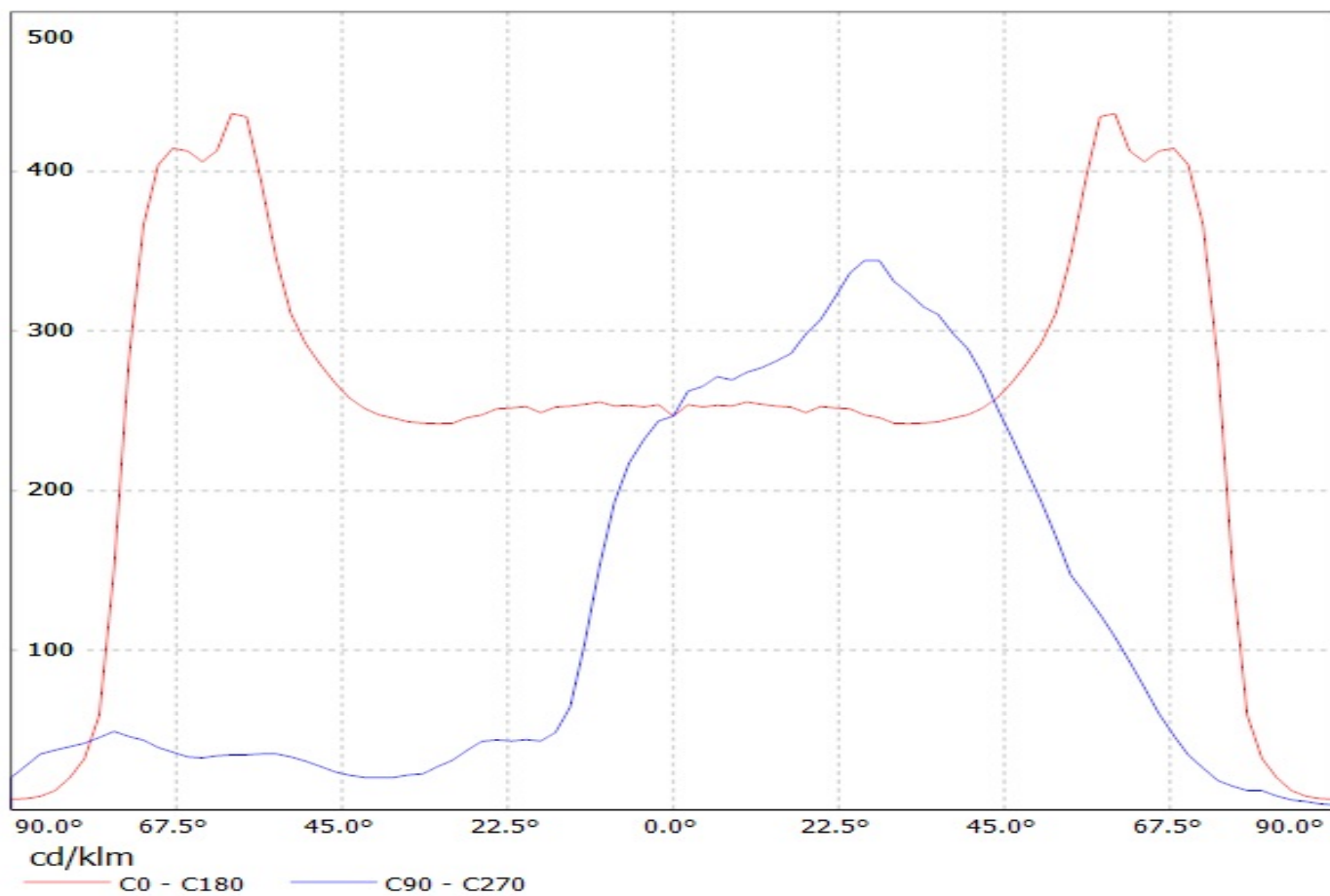
SCALE	1:1	WEIGHT	6,1	SHEET	1/1
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D

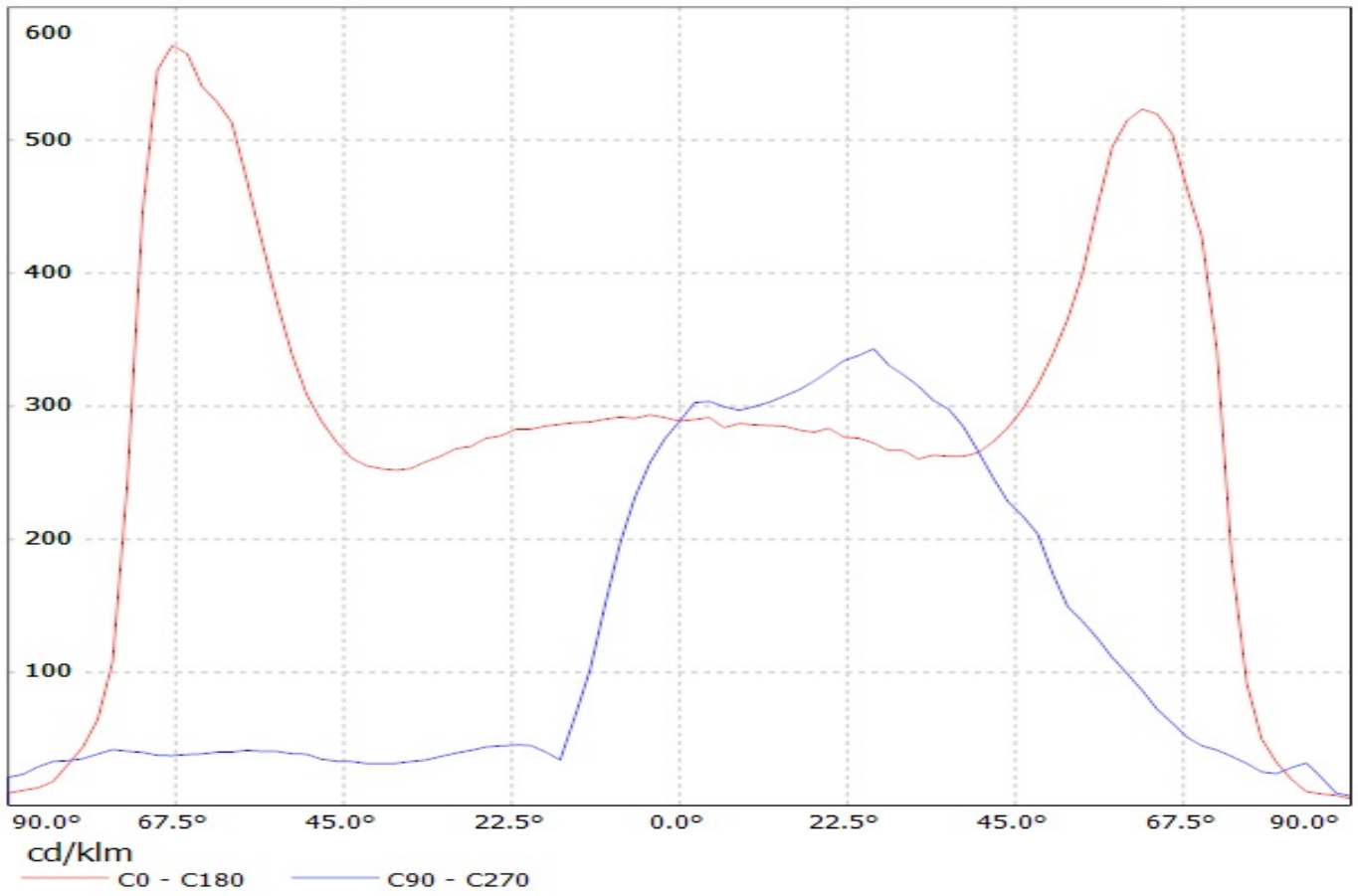
A

1

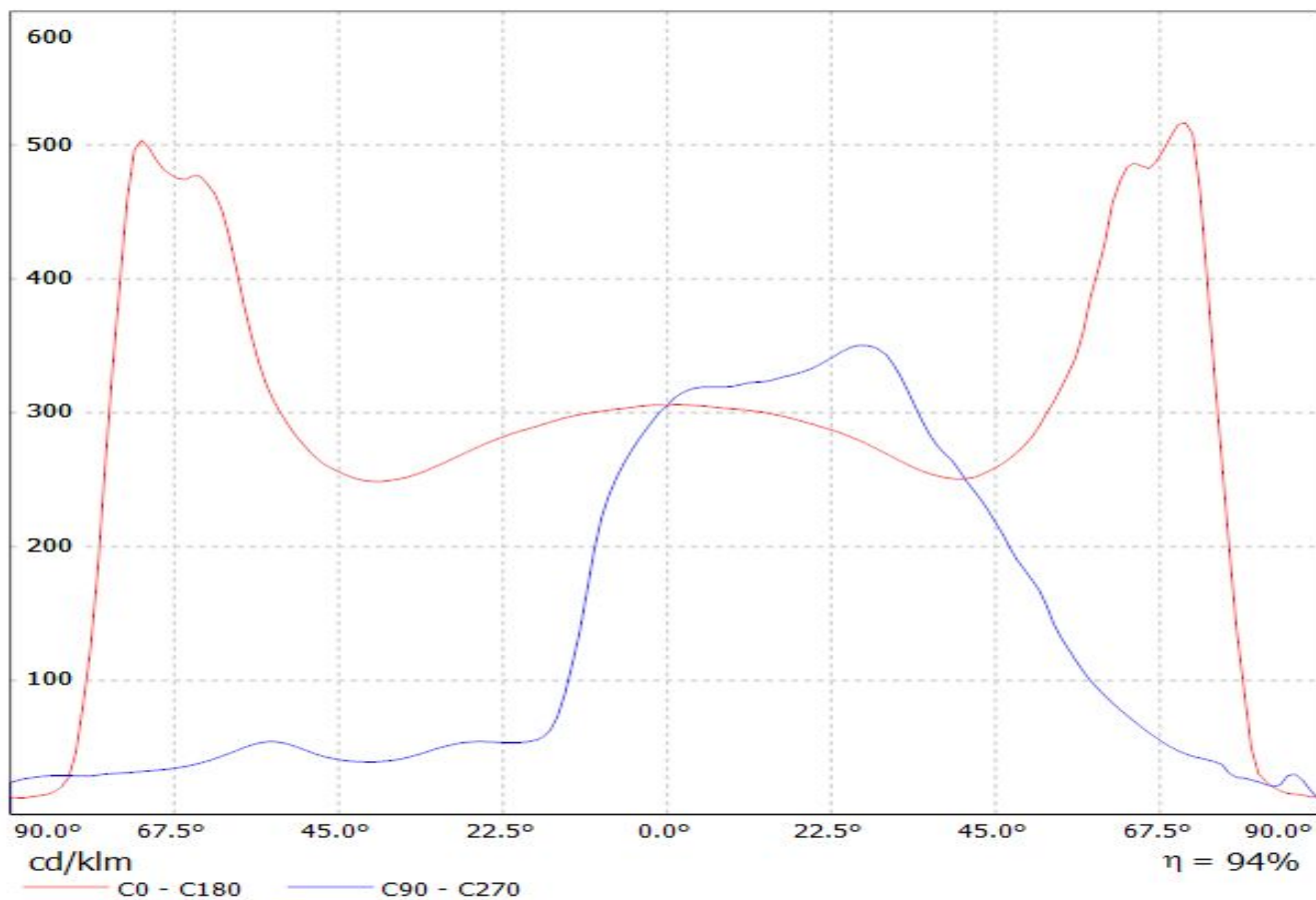
Luminaire: Ledil Oy C12362_STRADA-2X2-DWC-RE-ES Efficiency=93%
Lamps: 1 x Luxeon Rebel ES 250mA 366lm



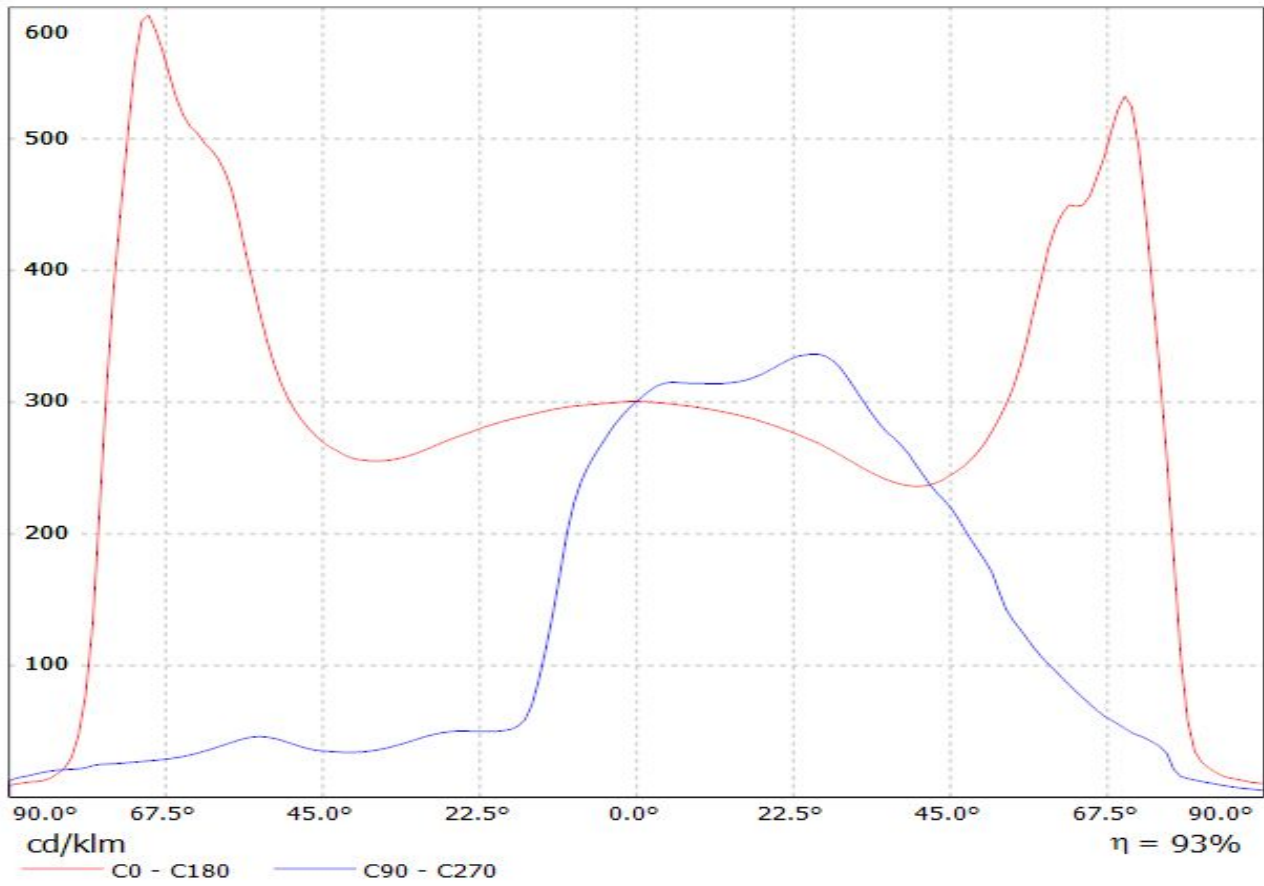
Luminaire: Ledil Oy C12362_STRADA-2X2-DWC (Osram Square PC 398lm @ 250mA) Efficiency=92%
Lamps: 1 x Osram Square PC 398lm @ 250mA



Luminaire: LEDiL Oy C12362_STRADA-2X2-DWC_(LG3535) Eff. 93,8%
Lamps: 1 x LG Ceramic 3535 PKG (372lm@250mA)

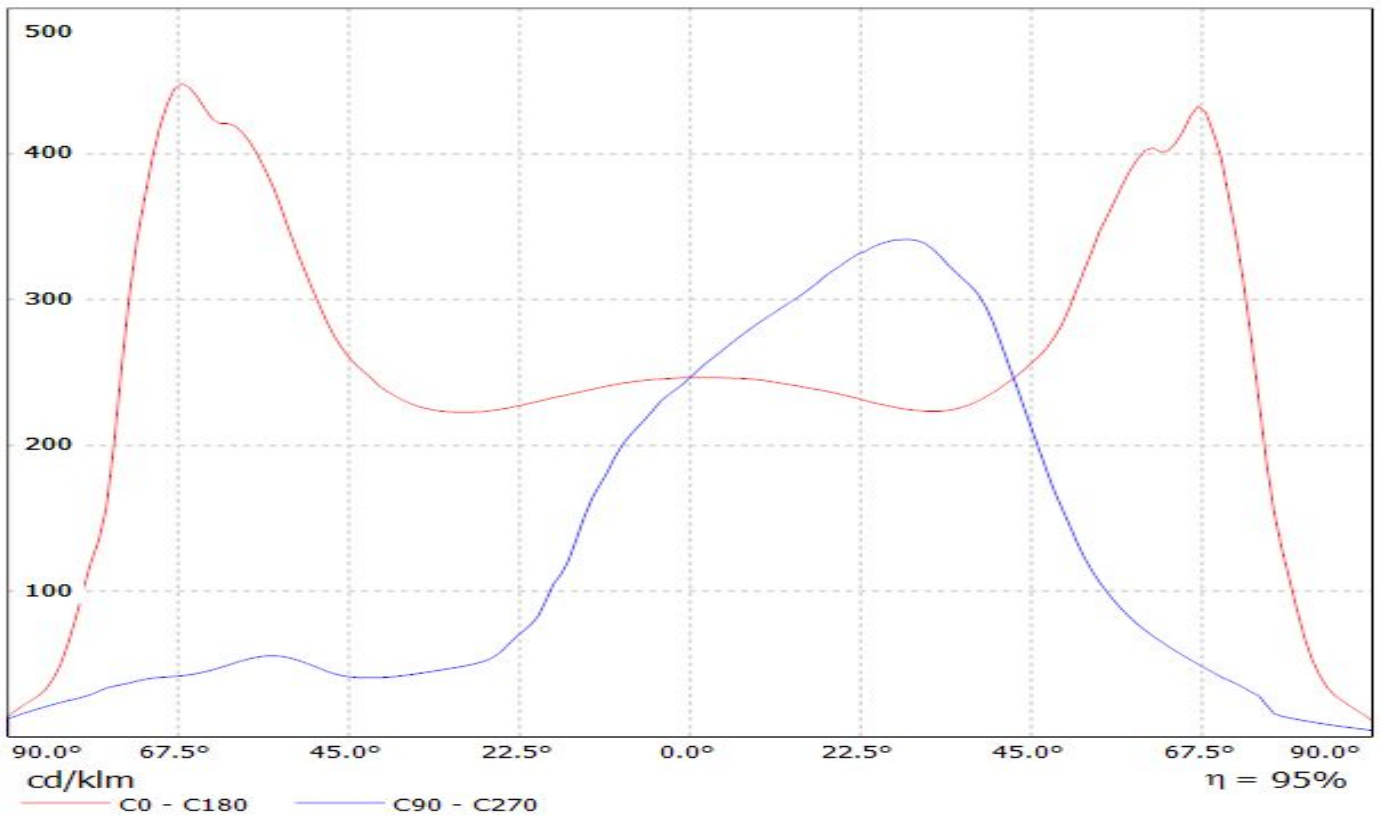


Luminaire: LEDiL Oy C12362_Strada-2x2-DWC_(LUXEON_T)_2 Eff.93.0%
Lamps: 1 x LUXEON_T 2x2 (294lm@250mA)



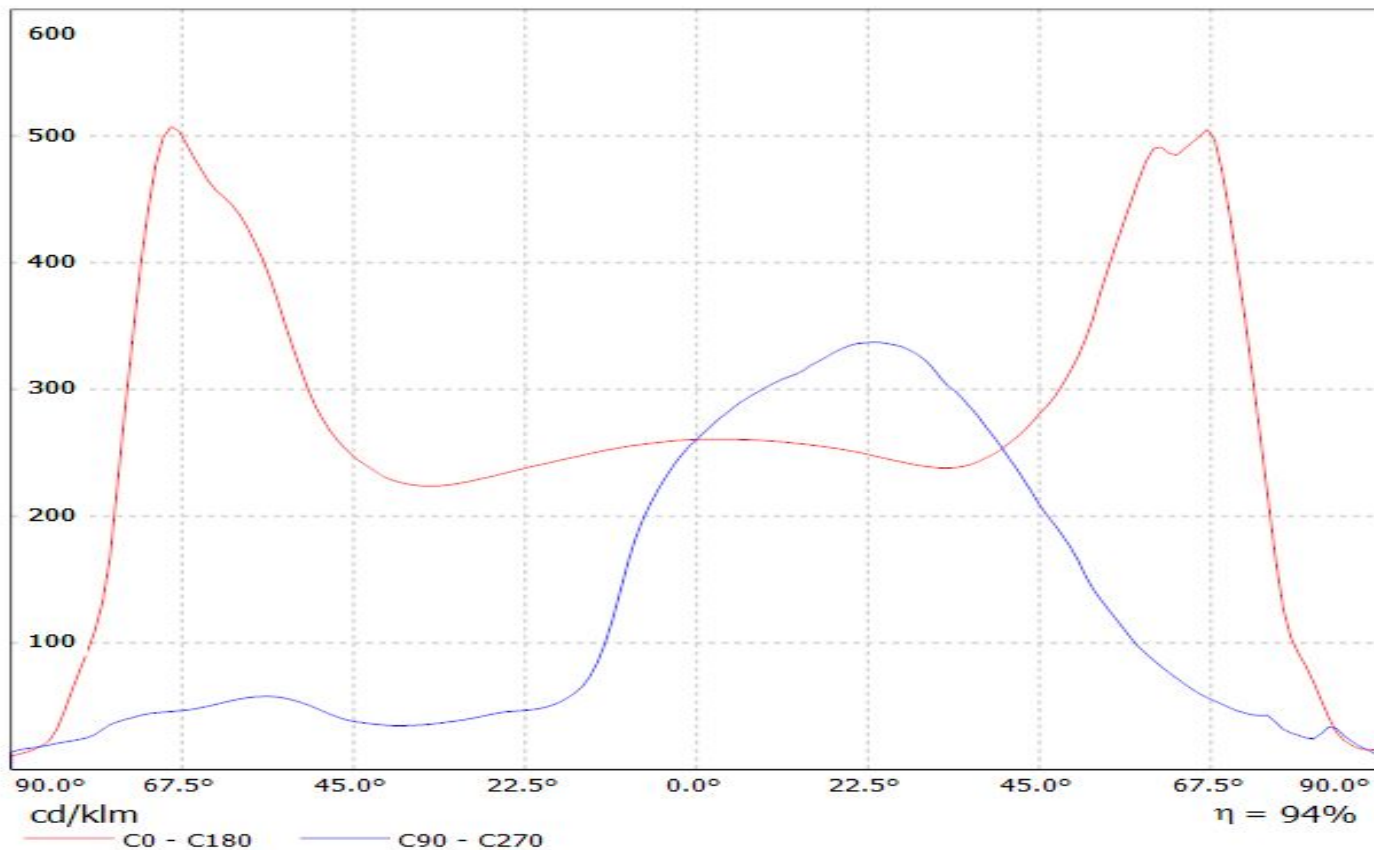
**LEDiL Oy C12362_STRADA-2x2-DWC_(NICHIA_NS9x383) Eff.95.1% / LDC
(Linear)**

Luminaire: LEDiL Oy C12362_STRADA-2x2-DWC_(NICHIA_NS9x383) Eff.95.1%
Lamps: 1 x NICHIA_NS9x383 (287.074lm@250mA)

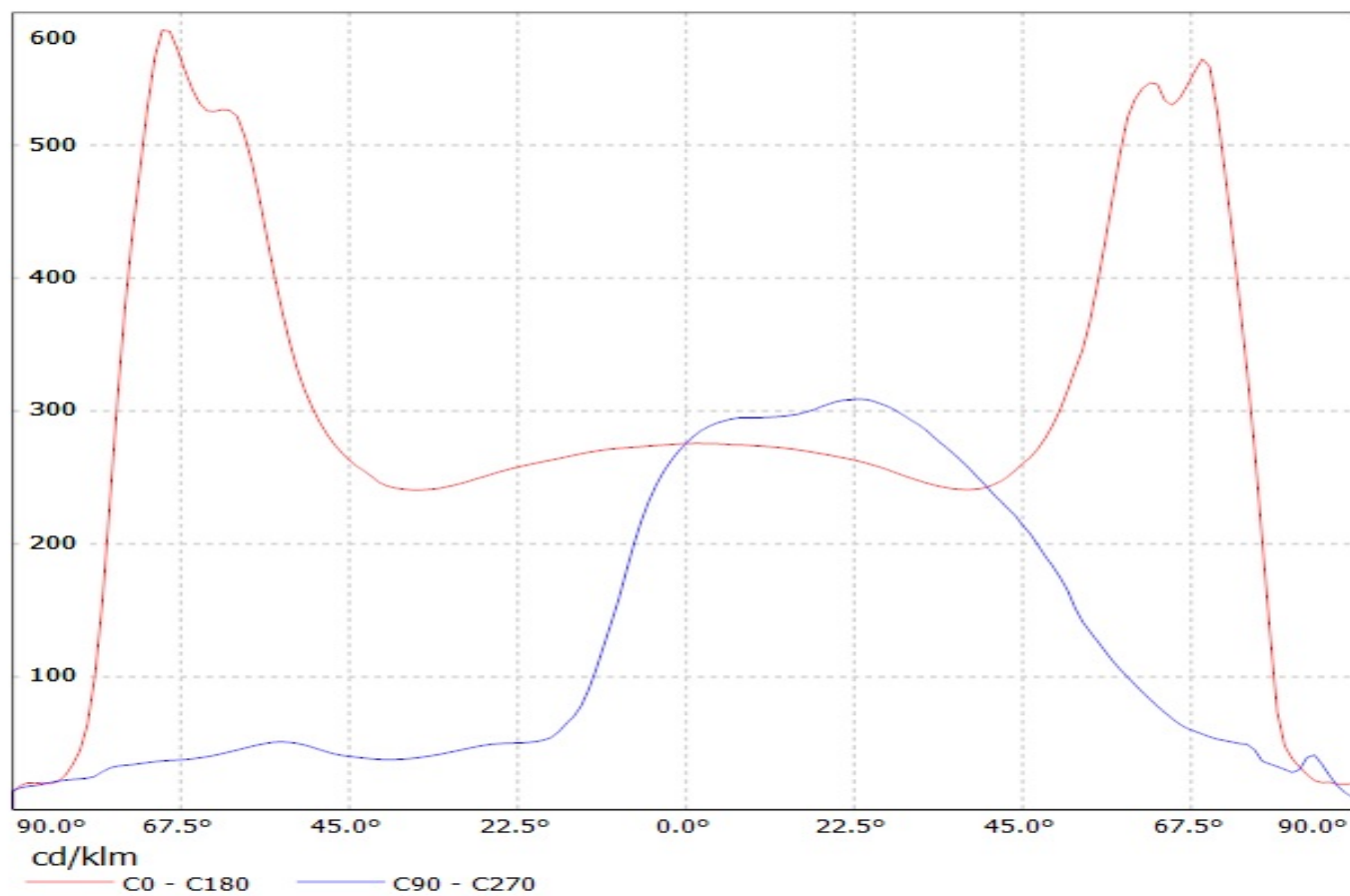


LEDiL Oy C12362_STRADA-2x2-DWC_(MJT4040) Eff.94.0% / LDC (Linear)

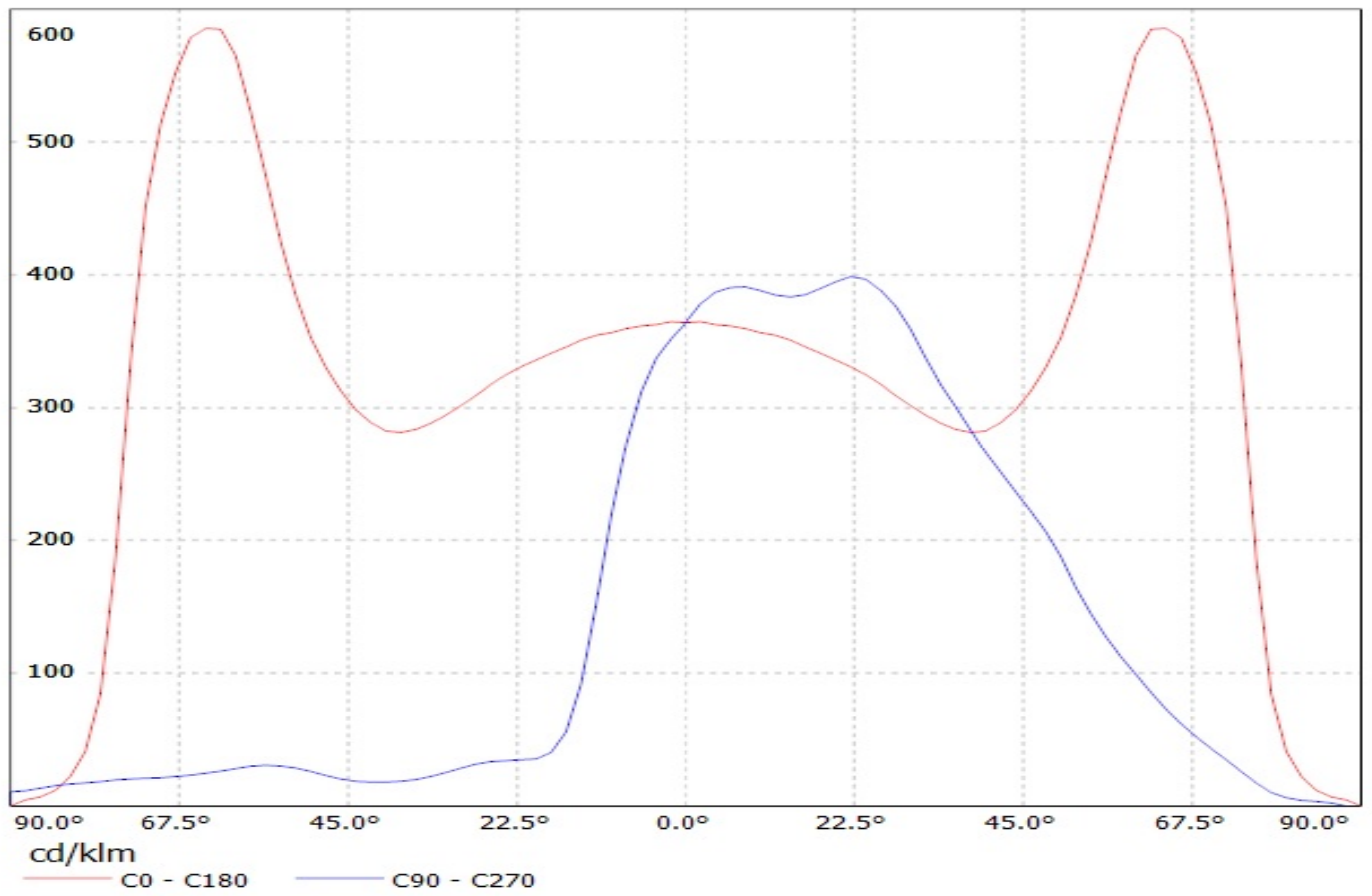
Luminaire: LEDiL Oy C12362_STRADA-2x2-DWC_(MJT4040) Eff.94.0%
Lamps: 1 x SEOUL ACHRICH MJT4040 (SAW09H0A) 255.63lm@40mA P=2.37W I=40mA



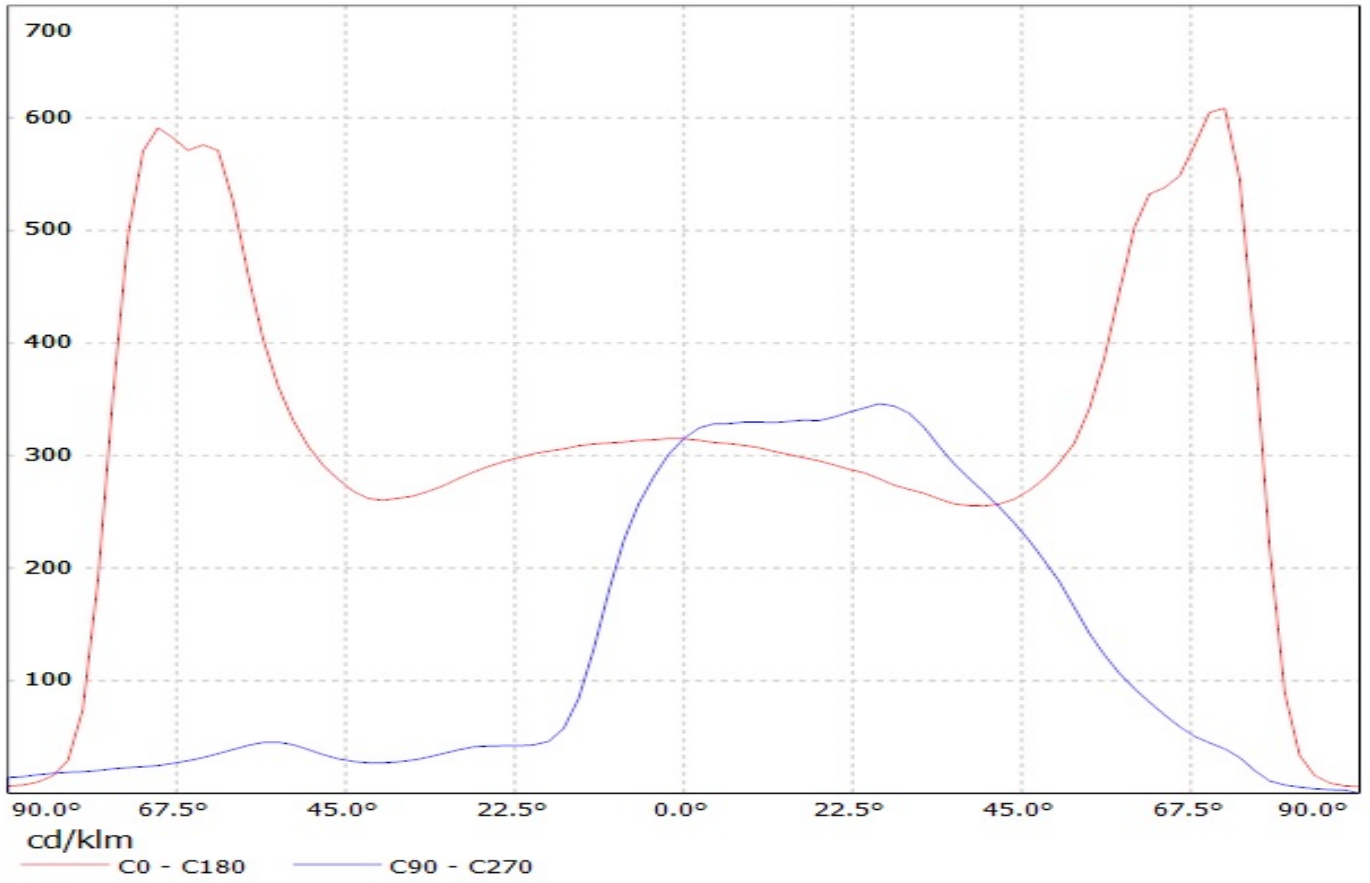
Luminaire: LEDiL Oy C12362_STRADA-2x2-DWC_(LUXEON_Q)
Lamps: 1 x LUXEON_Q_2x2_(LHQ-3080)_299.038lm@250mA_P=2.8742W_I=249.8mA



Luminaire: LEDil Oy C12362_STRADA-2X2-DWC_(Z5M1) Efficiency=94%
Lamps: 1 x Seoul Z5M1 (SZ5-M1-WN-C8) 379lm @ 250mA CCT=4600K P=2.9W I=250mA

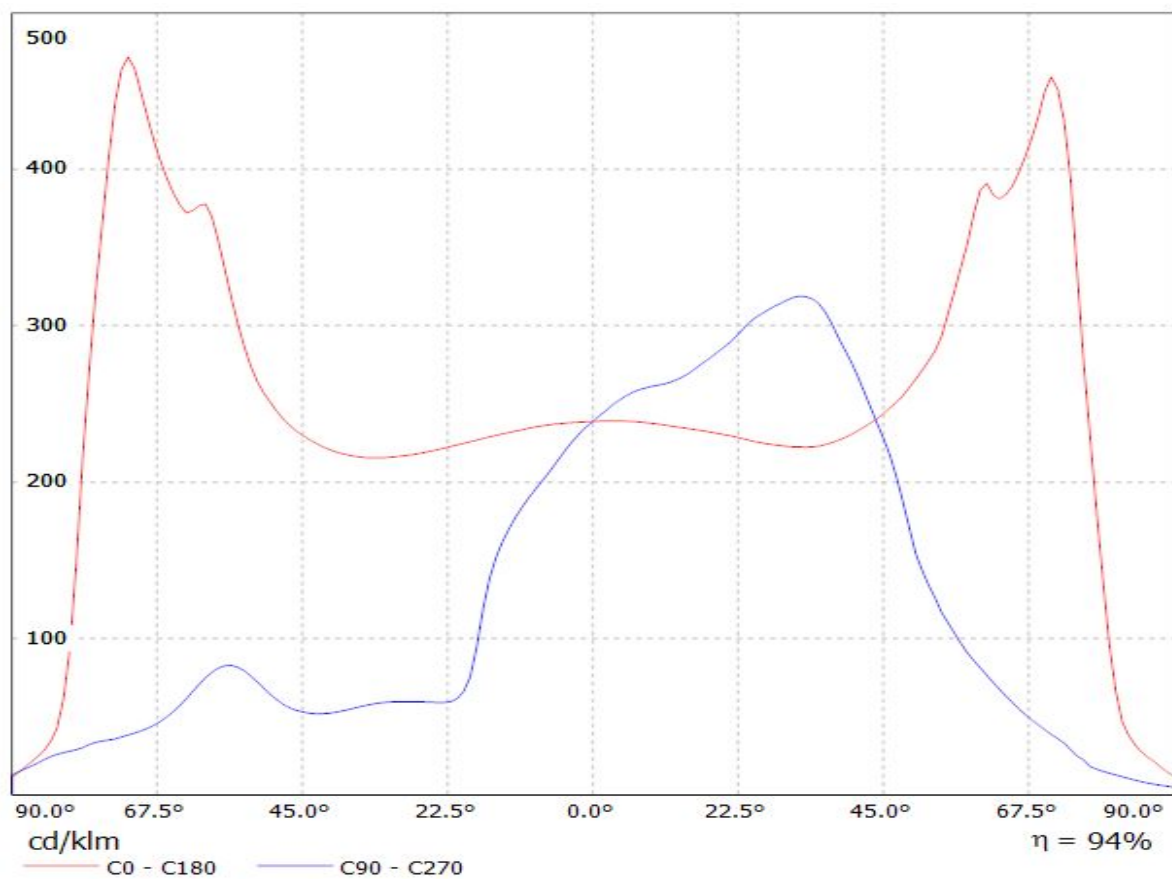


Luminaire: LEDil Oy C12362_STRADA-2X2-DWC_(XP-G2) Efficiency=94%
Lamps: 1 x Cree XP-G2 (XPGBWT-L1-00-00G51) 350lm @ 250mA CCT=7200K P=2.9W I=250mA

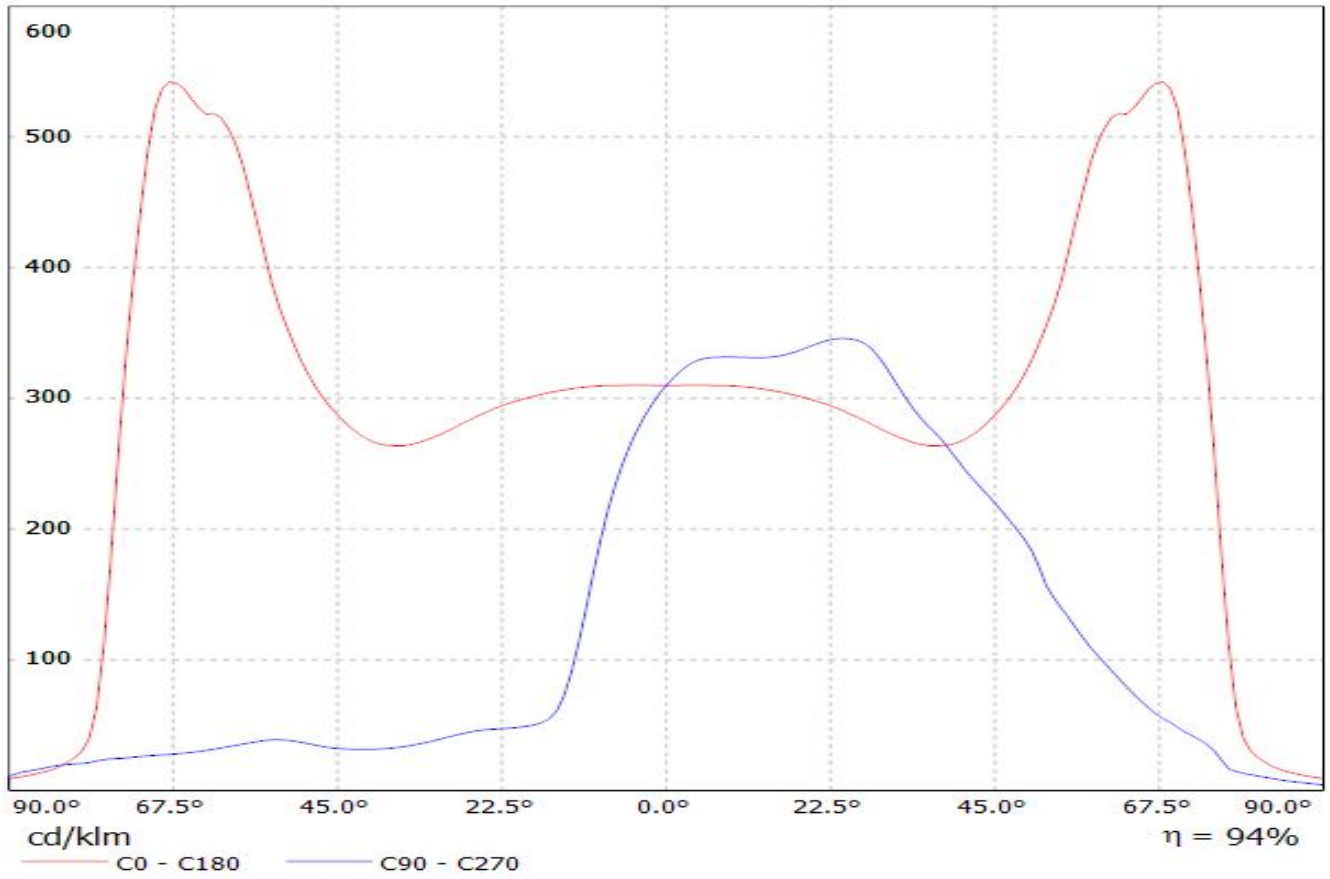


Luminaire: LEDiL Oy C12362_STRADA-2X2-DWC (XP-L) Eff.94.2%

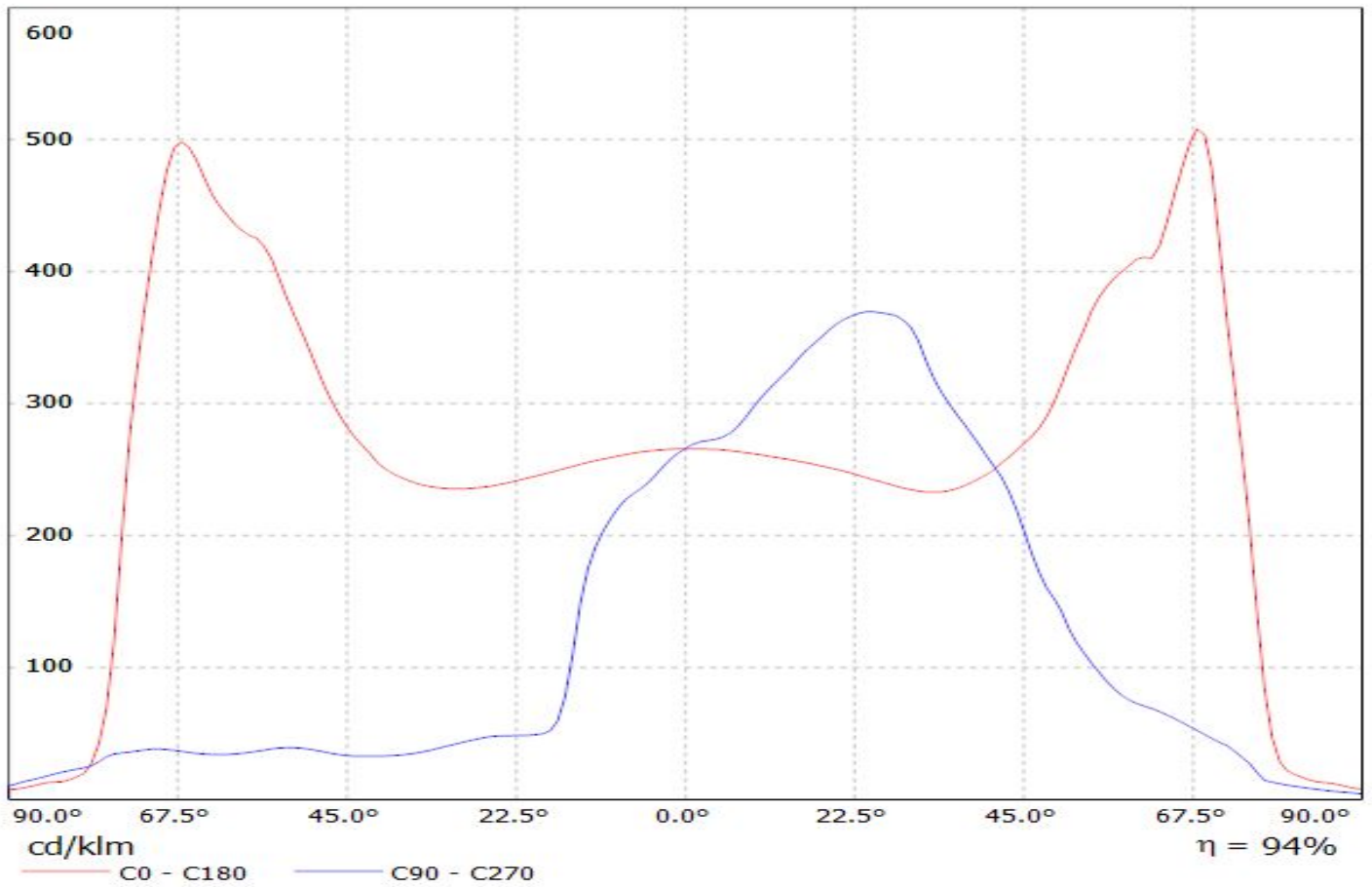
Lamps: 1 x CREE_XP-L_2x2_(XPLAWT-0-1B0-V40-00-0001)_504.373lm@250mA_CCT=7600K_P=2.79963W_I=249.9mA



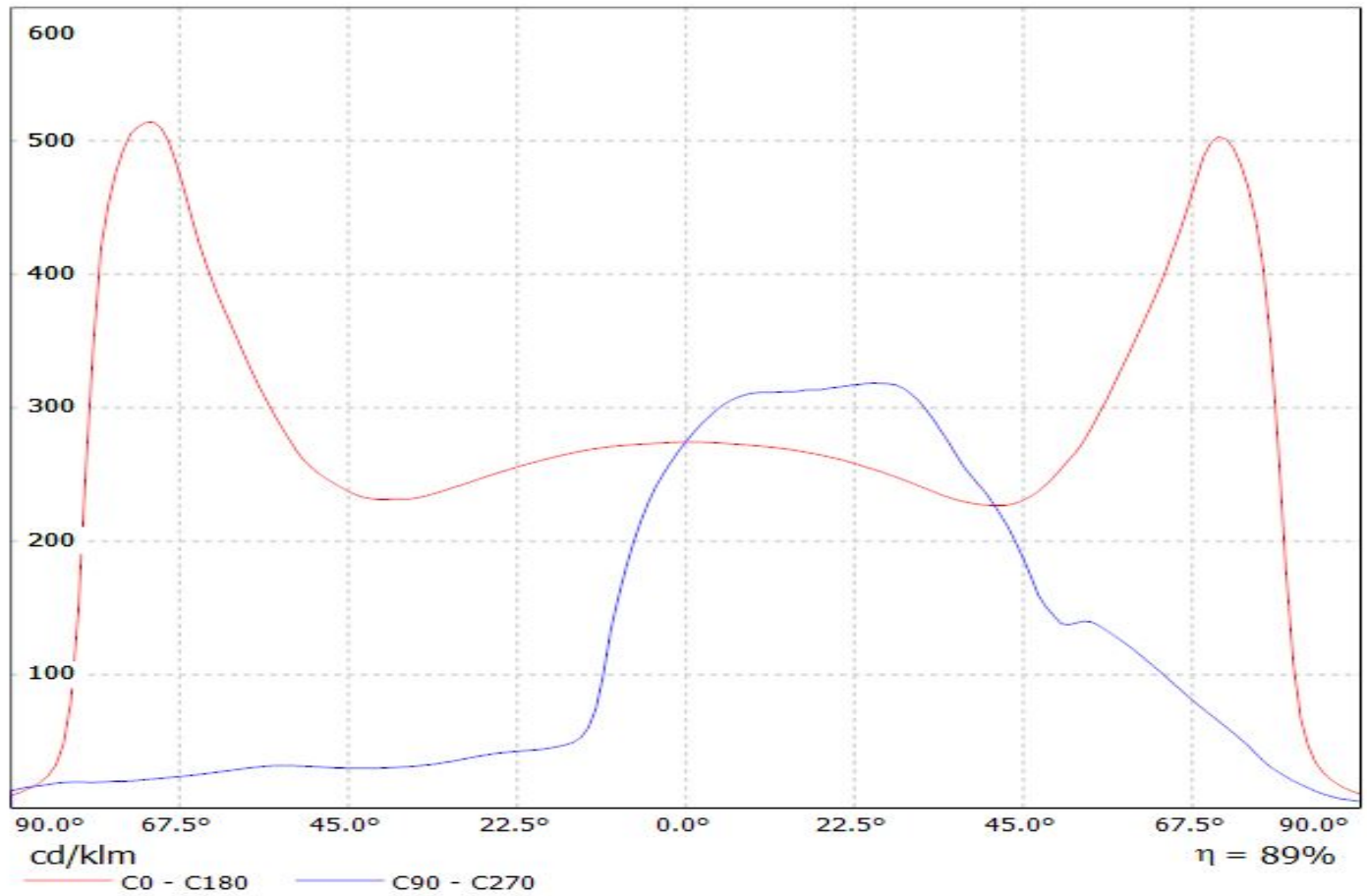
Luminaire: LEDiL Oy C12362_STRADA-2X2-DWC (Luxeon_TX)
Lamps: 1 x Luxeon_TX_2x2_321.384lm@250mA_P=2.79488W_I=249.9mA



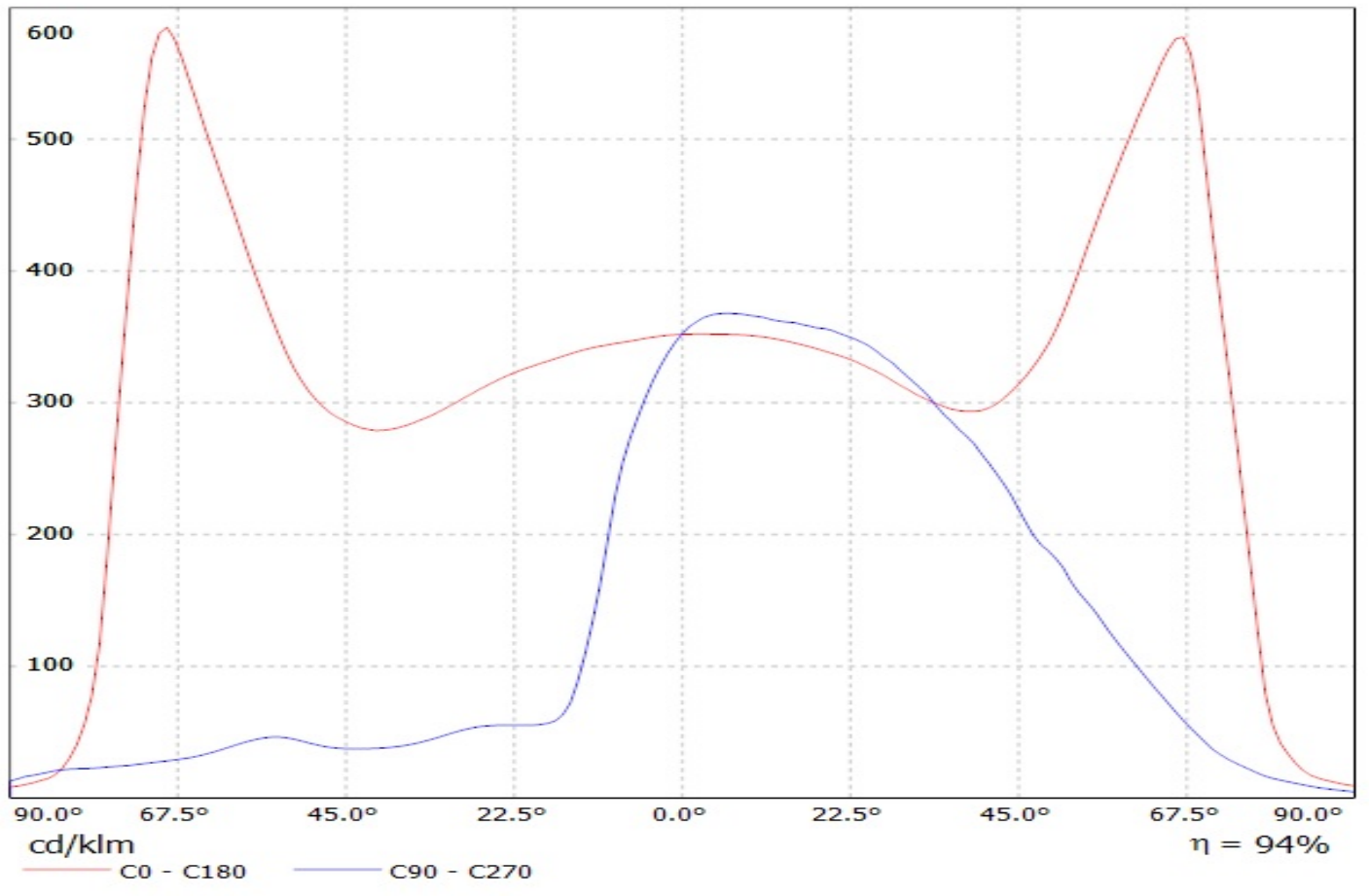
Luminaire: LEDiL Oy C12362_STRADA-2X2-DWC_(LUXEON_MZ) Eff.94.0%
Lamps: 1 x LUXEON_MZ_2x2_(LMZ7-QW57)_415lm@250mA_P=2.71916W_CCT=5700K_I=249.9mA



Luminaire: LEDiL Oy C12362_STRADA-2X2-DWC_(LH351B) Eff.89.3%
Lamps: 1 x SAMSUNG_LH351B_2x2_430.715lm@250mA_P=2.84311W_I=249.9mA

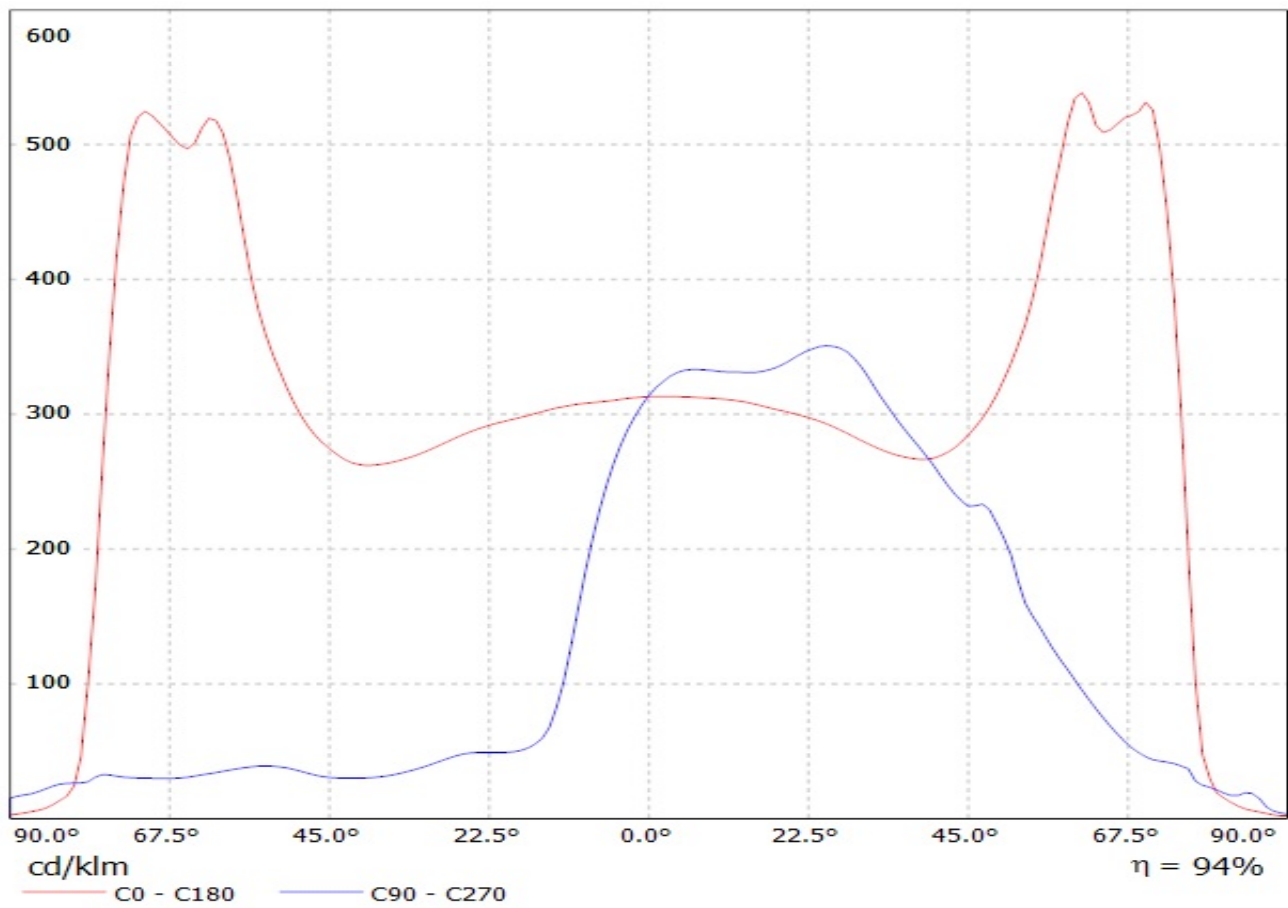


Luminaire: LEDiL Oy C12362_STRADA-2X2-DWC_(LH351Z)
Lamps: 1 x SAMSUNG_LH351Z_2x2_360.93lm@250mA_P=2.86596W_I=249.8mA



Luminaire: LEDiL Oy C12362_STRADA-2X2-DWC_(Fortimo_F-Flex_2x8_740DAG3)

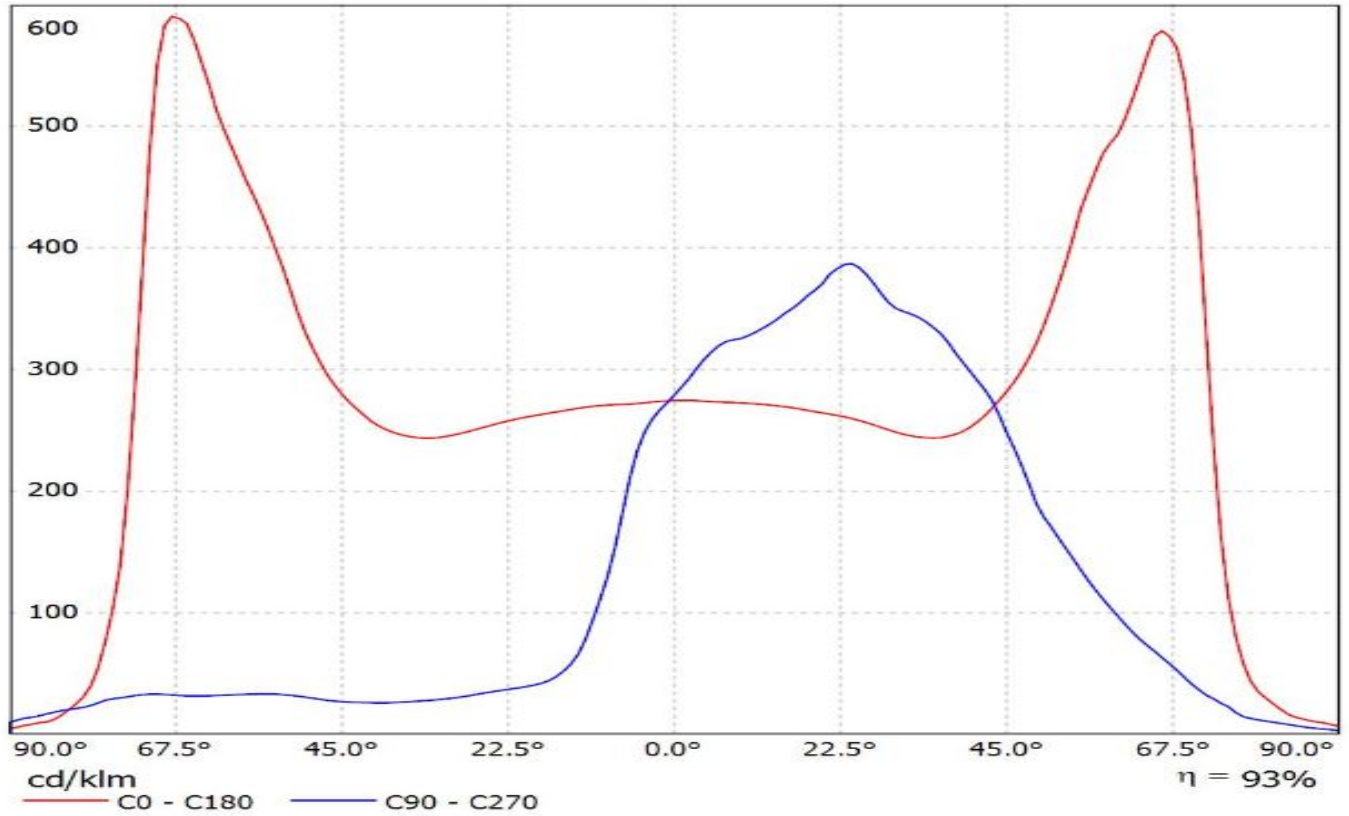
Lamps: 1 x Philips_Fortimo_FastFlex_LED_board_2x8/740_DA_G3_1795.7lm@250mA_P=11.6015W_I=0.2498A



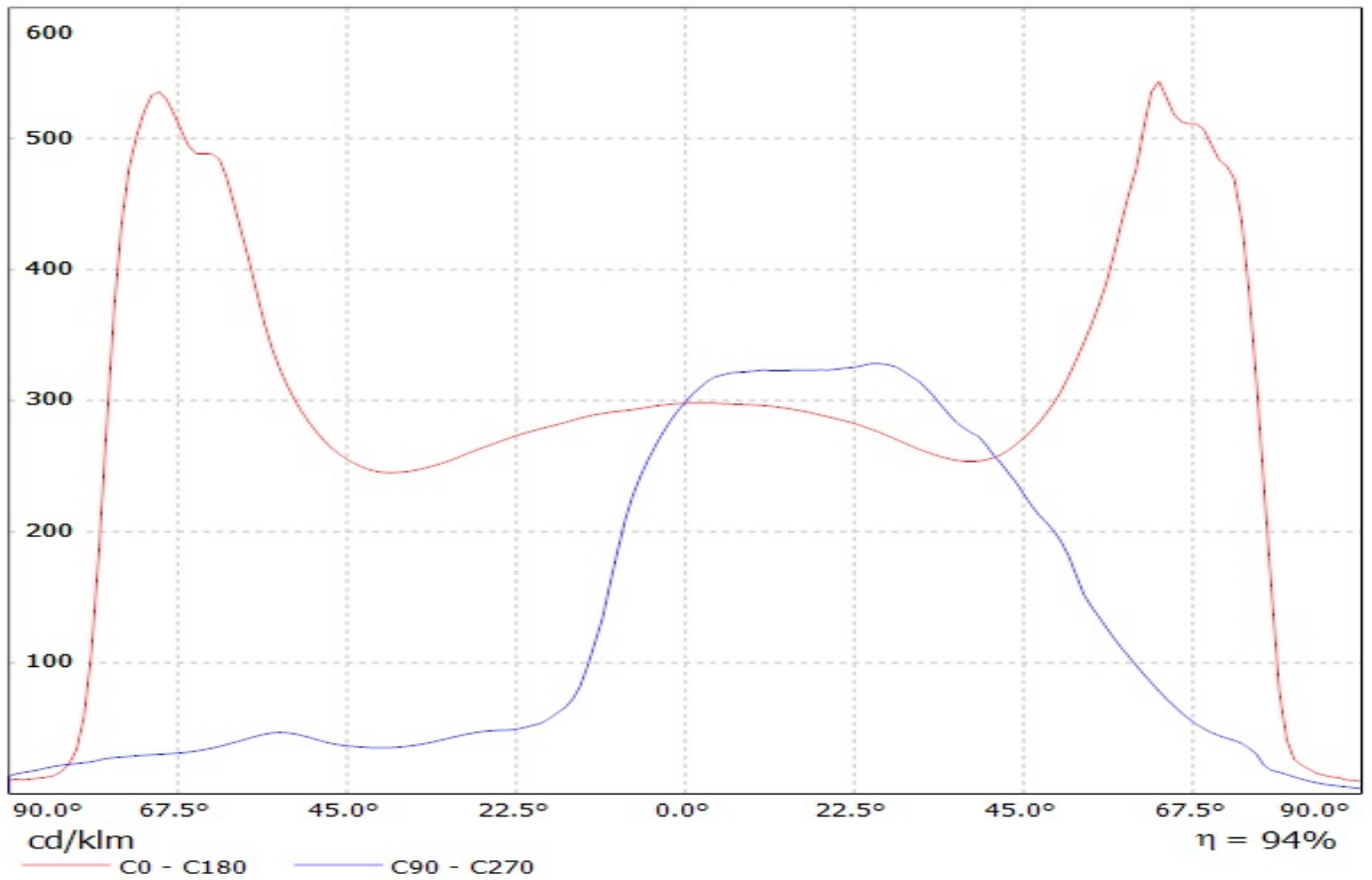
Ledil C12362_STRADA-2X2-DWC_(TL1L4) / LDC (Linear)

Luminaire: Ledil C12362_STRADA-2X2-DWC_(TL1L4)

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



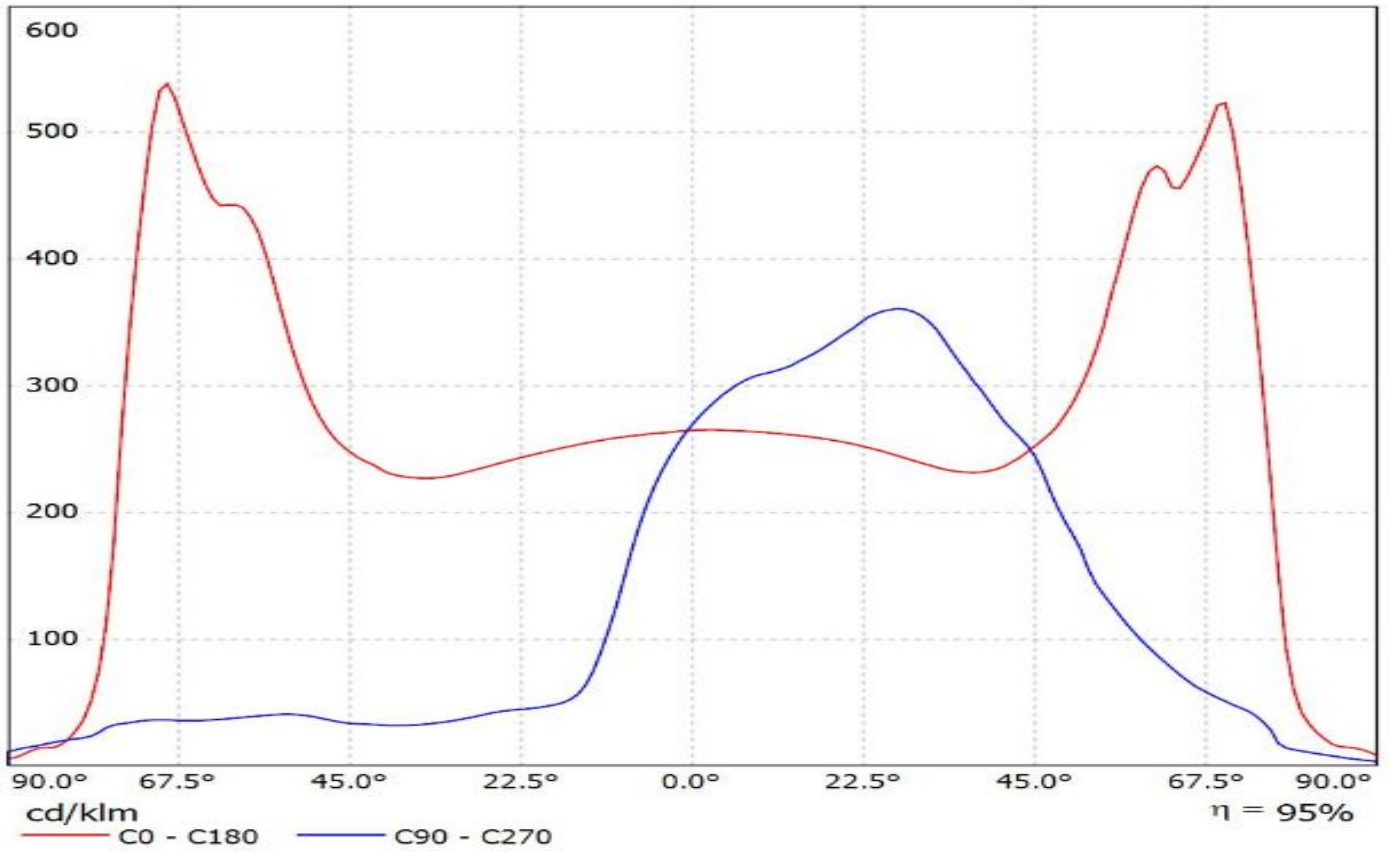
Luminaire: LEDiL Oy C12362_STRADA-2X2-DWC_(XP-L_HI)
Lamps: 1 x Cree_XP-L_HI_(2x2)_(XPLAWT-H-5A3-U60-013-0001)
_455.077lm@250mA_P=2.84011W_I=0.2499A



Ledil C12362_STRADA-2X2-DWC_(NVSL219BE) / LDC (Linear)

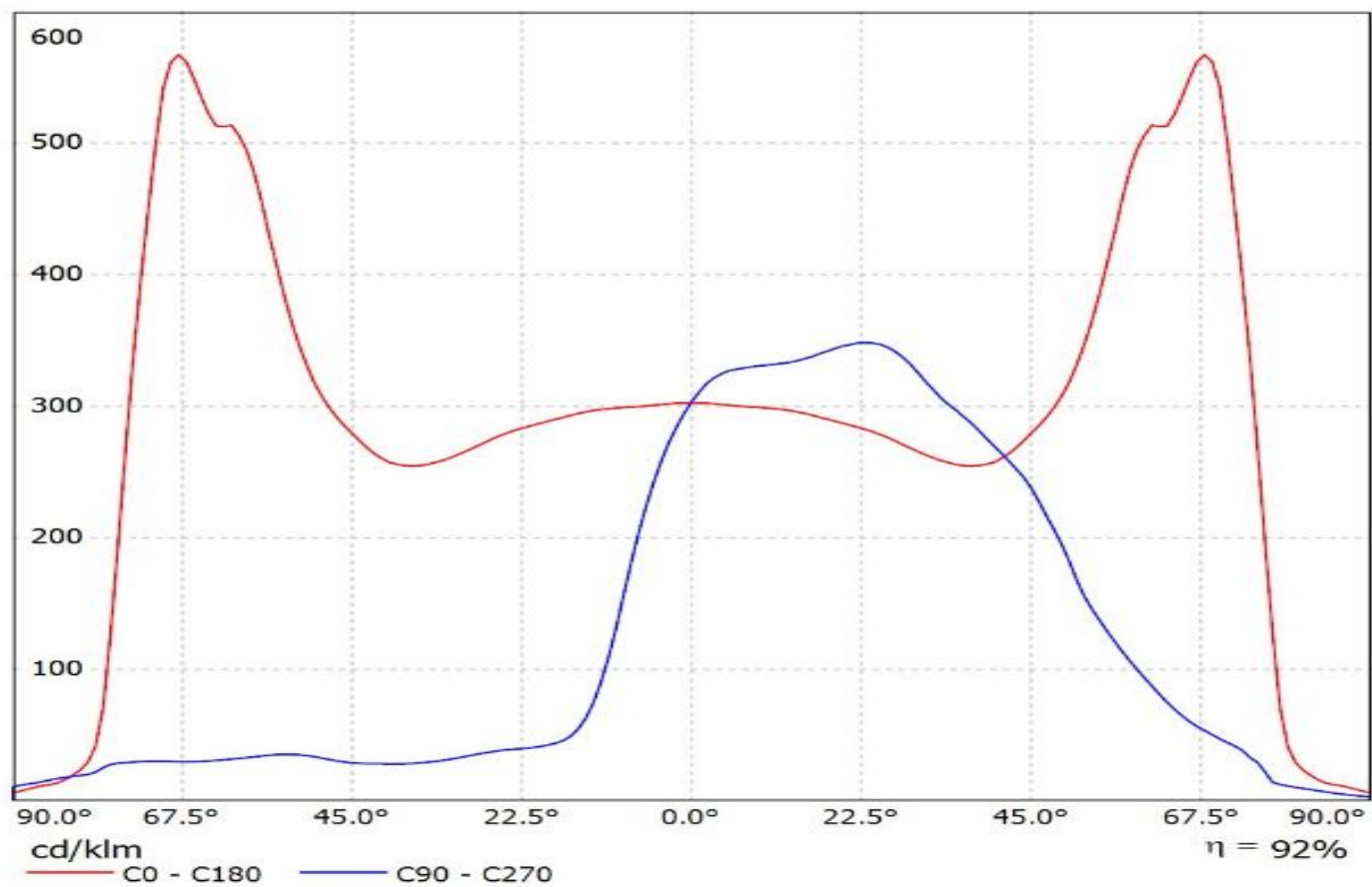
Luminaire: Ledil C12362_STRADA-2X2-DWC_(NVSL219BE)

Lamps: 1 x Nichia_NVSL219BE_319.707lm@250mA_CCT=3071K_P=2.8910W_I=0.25A



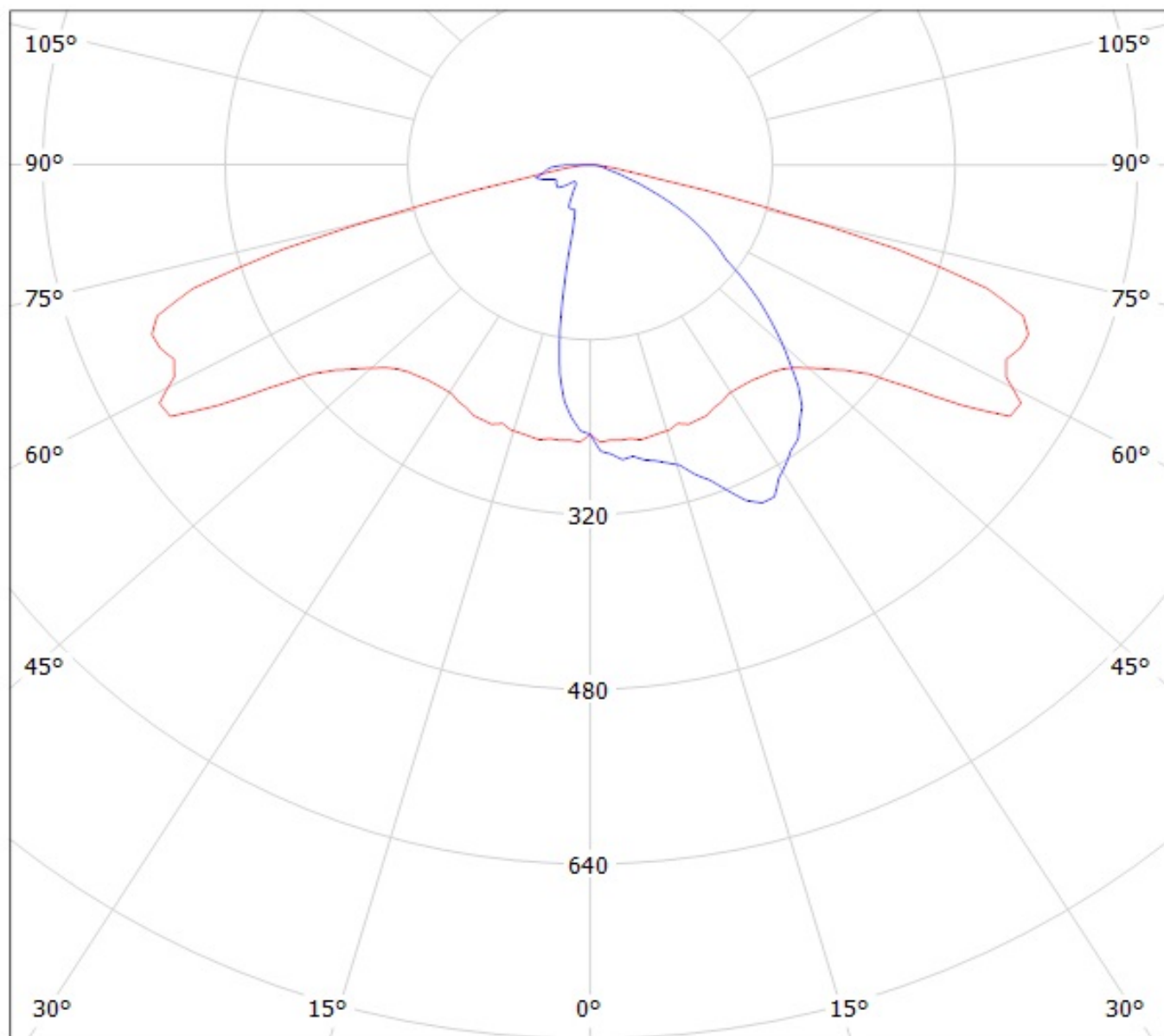
Luminaire: LEDiL Oy C12362_STRADA-2X2-DWC_(Square_Gen3)

Lamps: 1 x Osram_Square_Gen3_GW_CSSRM2.PM_450.897lm@250mA_P=2.788_I=250mA



Luminaire: Ledil Oy C12362_STRADA-2X2-DWC-RE-ES Efficiency=93%

Lamps: 1 x Luxeon Rebel ES 250mA 366lm

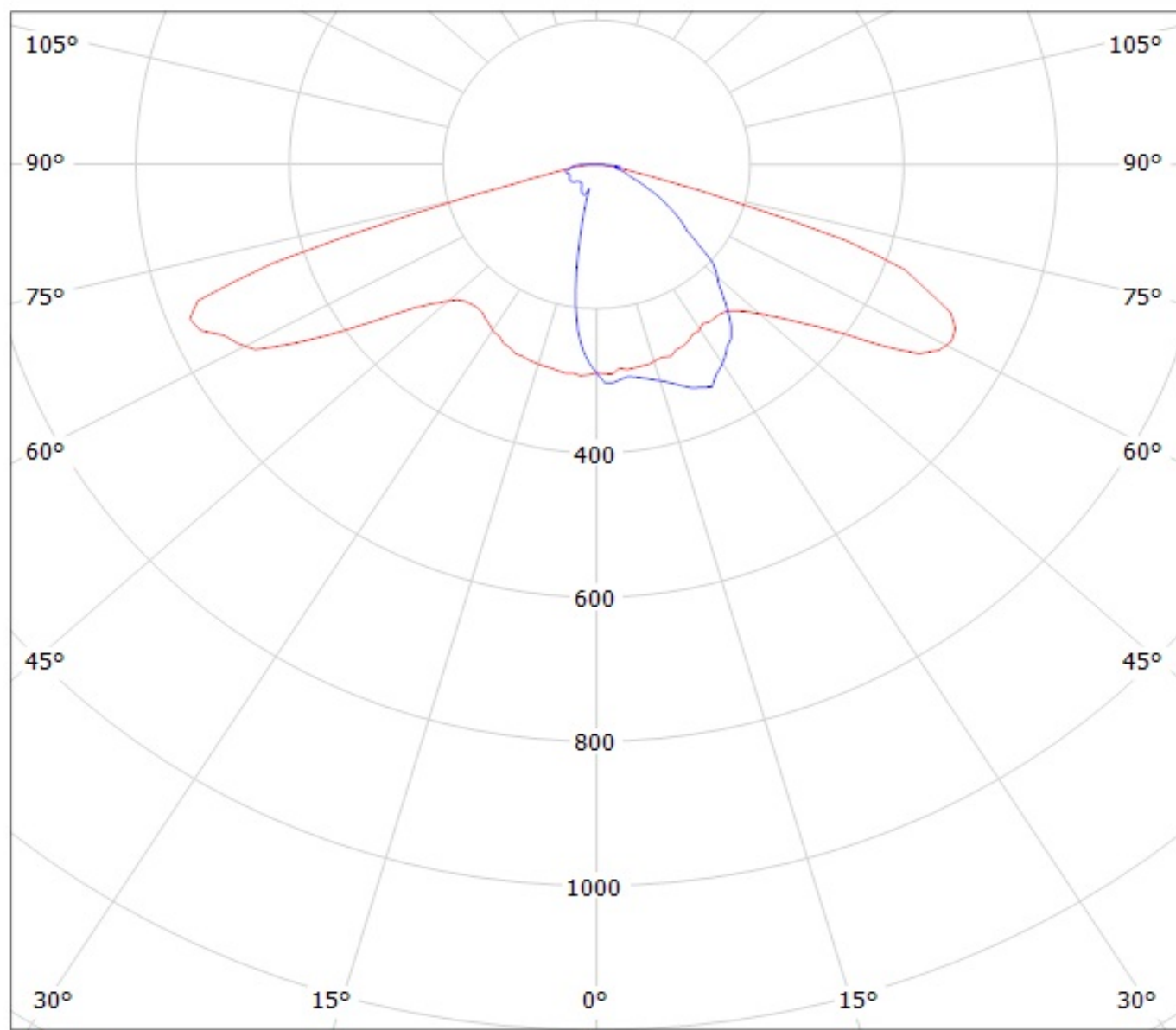


cd/klm

— C0 - C180

— C90 - C270

Luminaire: Ledil Oy C12362_STRADA-2X2-DWC (Osram Square PC 398lm @ 250mA) Efficiency=92%
Lamps: 1 x Osram Square PC 398lm @ 250mA

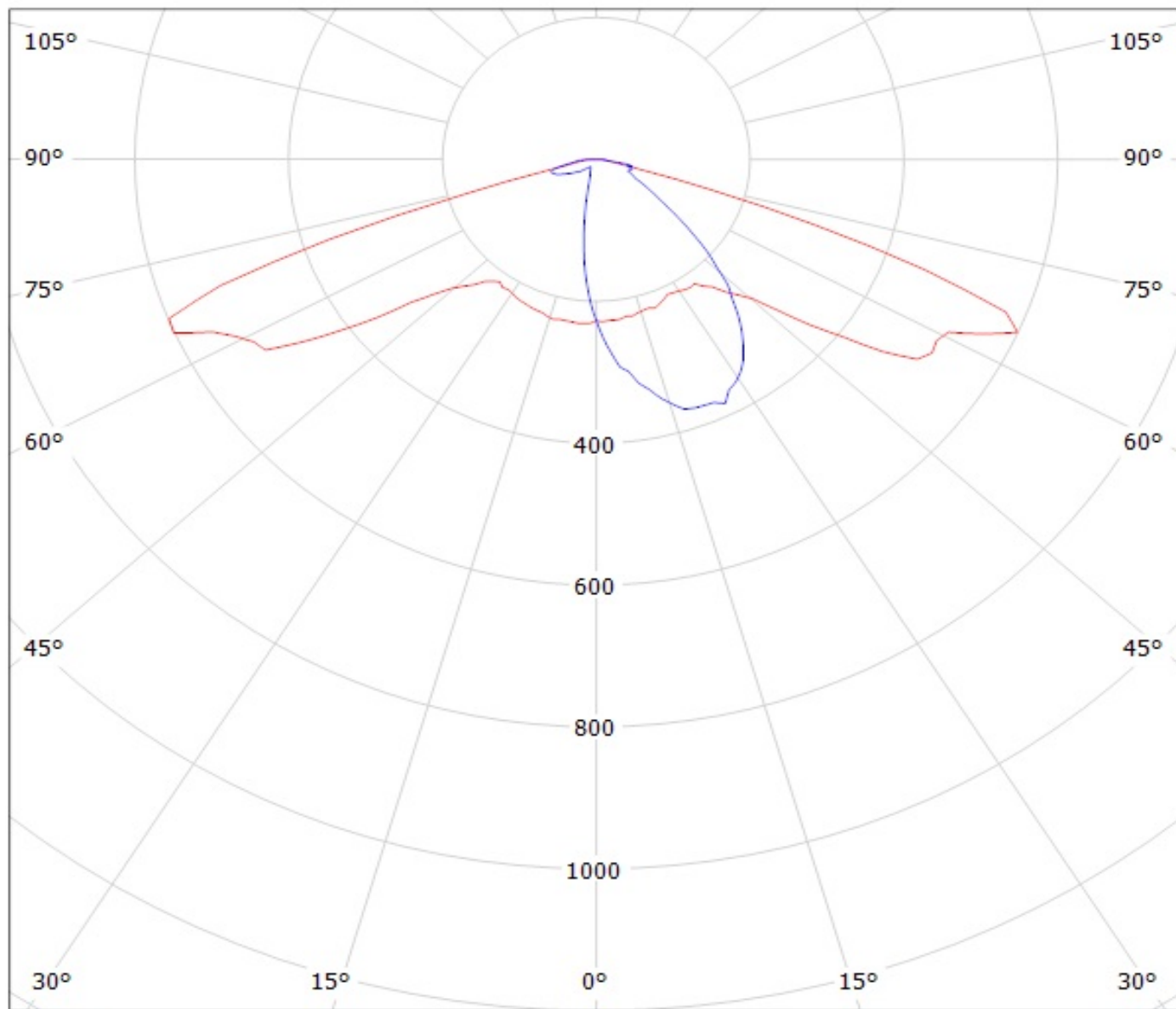


cd/klm

— C0 - C180

— C90 - C270

Luminaire: Ledil Oy C12362_STRADA-2X2-DWC (Cree XT-E HVW 1160lm @ 250mA) Efficiency=94%
Lamps: 1 x Cree XT-E HVW 1160lm @ 250mA

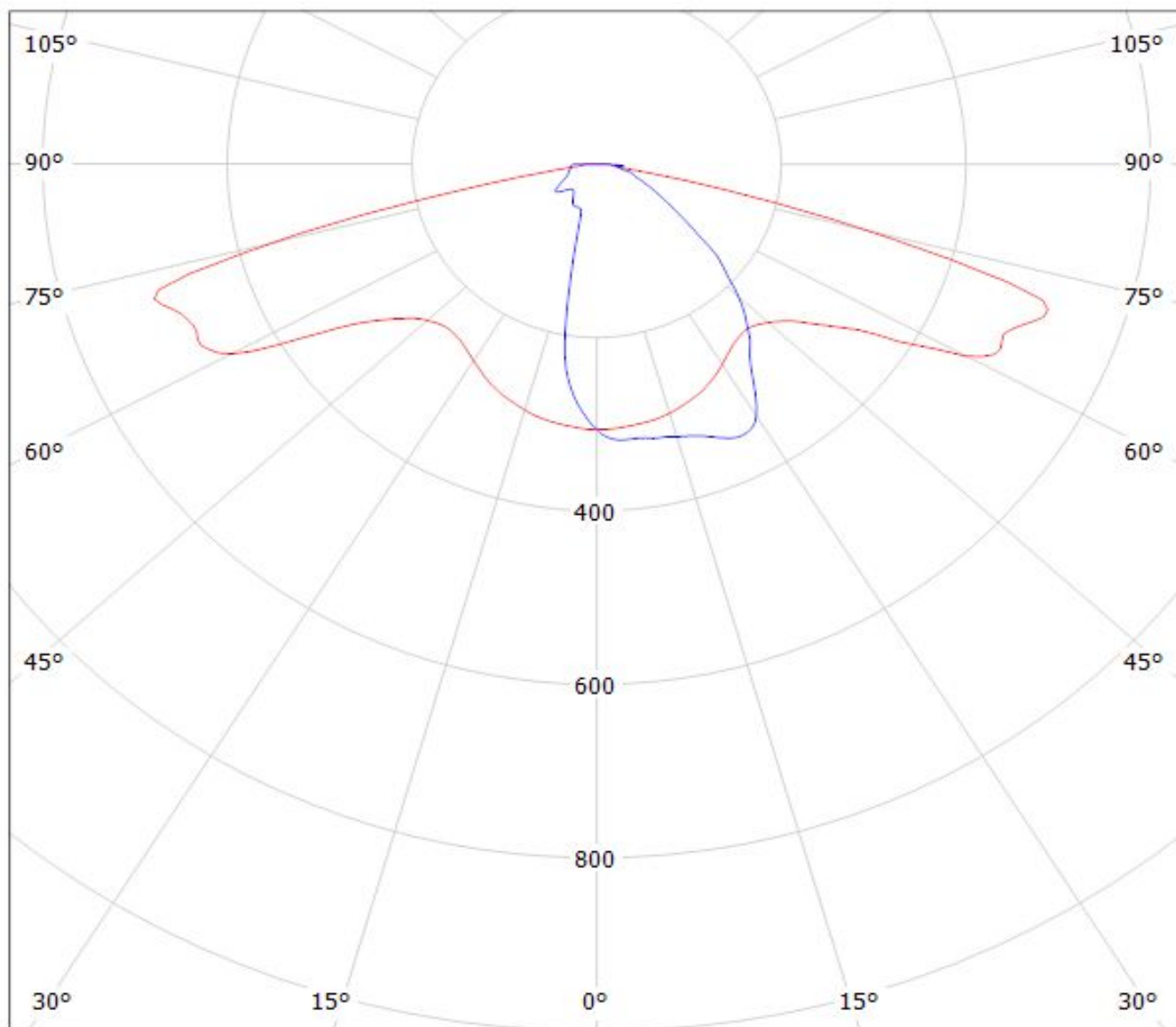


cd/klm

— C0 - C180

— C90 - C270

Luminaire: LEDiL Oy C12362_STRADA-2X2-DWC_(LG3535) Eff. 93,8%
Lamps: 1 x LG Ceramic 3535 PKG (372lm@250mA)

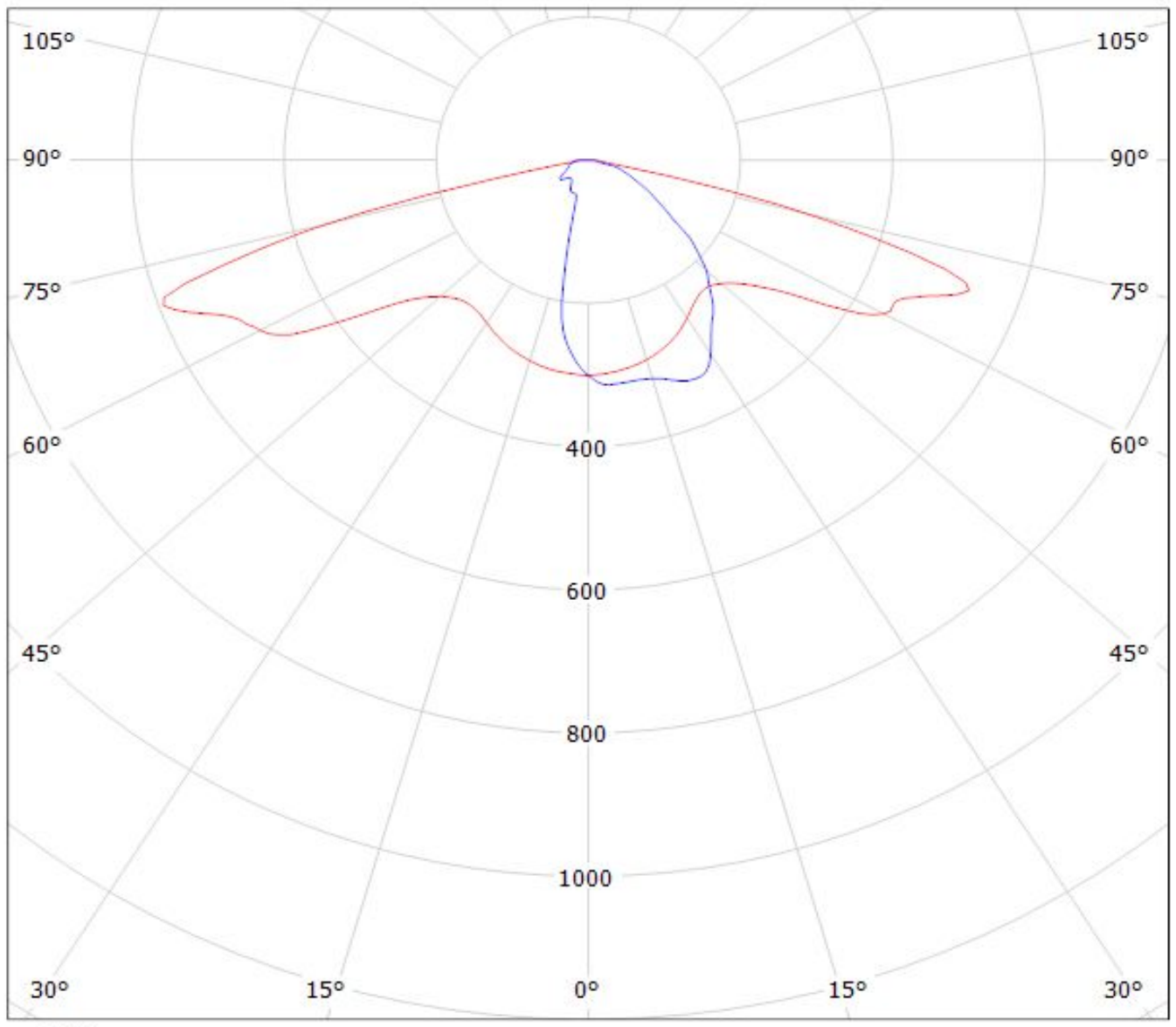


cd/klm

$\eta = 94\%$

— C0 - C180 — C90 - C270

Luminaire: LEDiL Oy C12362_Strada-2x2-DWC_(LUXEON_T)_2 Eff.93.0%
Lamps: 1 x LUXEON_T 2x2 (294lm@250mA)



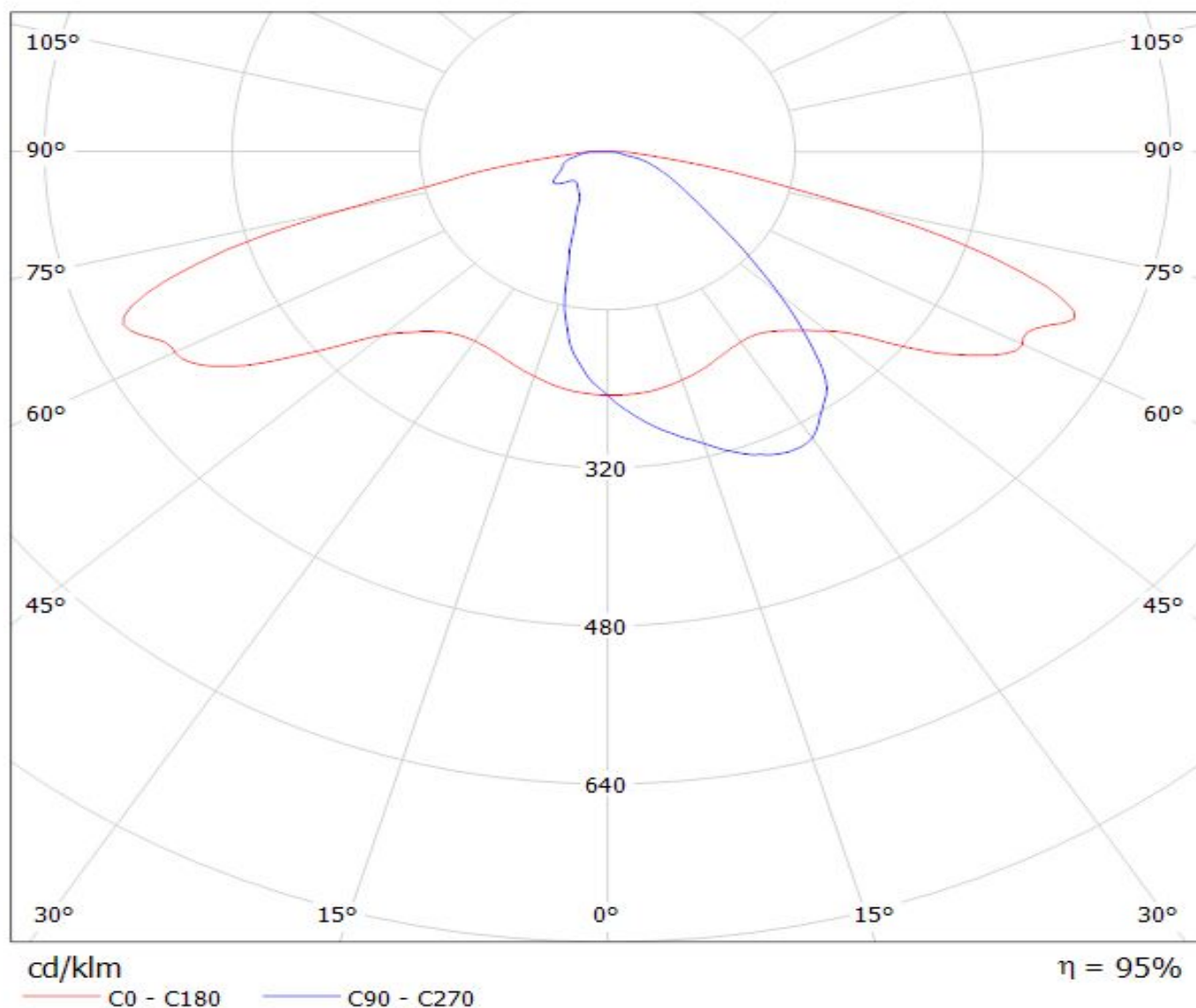
cd/klm

— C0 - C180 — C90 - C270

η = 93%

**LEDiL Oy C12362_STRADA-2x2-DWC_(NICHIA_NS9x383) Eff.95.1% / LDC
(Polar)**

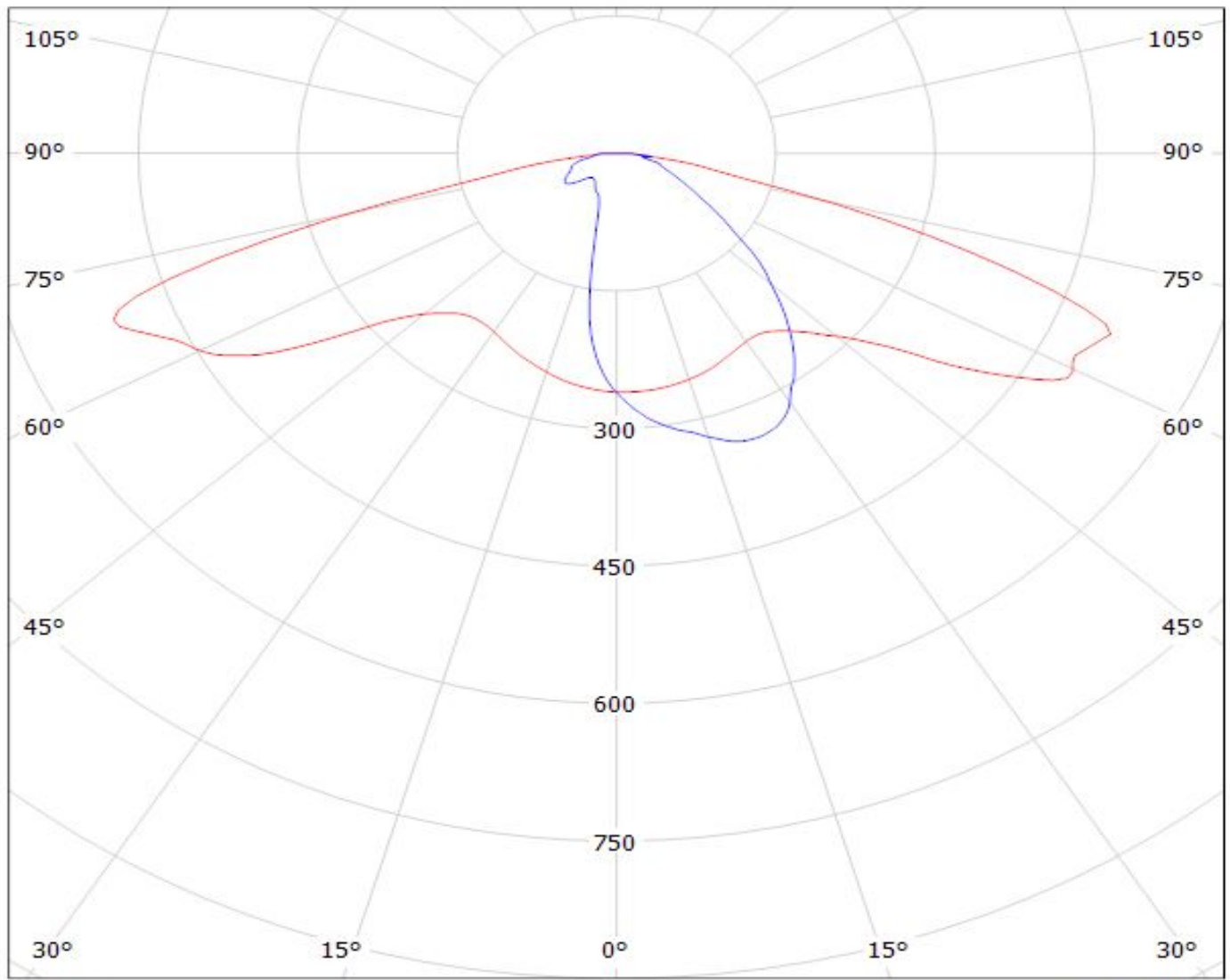
Luminaire: LEDiL Oy C12362_STRADA-2x2-DWC_(NICHIA_NS9x383) Eff.95.1%
Lamps: 1 x NICHIA_NS9x383 (287.074lm@250mA)



LEDiL Oy C12362_STRADA-2x2-DWC_(MJT4040) Eff.94.0% / LDC (Polar)

Luminaire: LEDiL Oy C12362_STRADA-2x2-DWC_(MJT4040) Eff.94.0%

Lamps: 1 x SEOUL ACHRICH MJT4040 (SAW09H0A) 255.63lm@40mA P=2.37W I=40mA



cd/klm

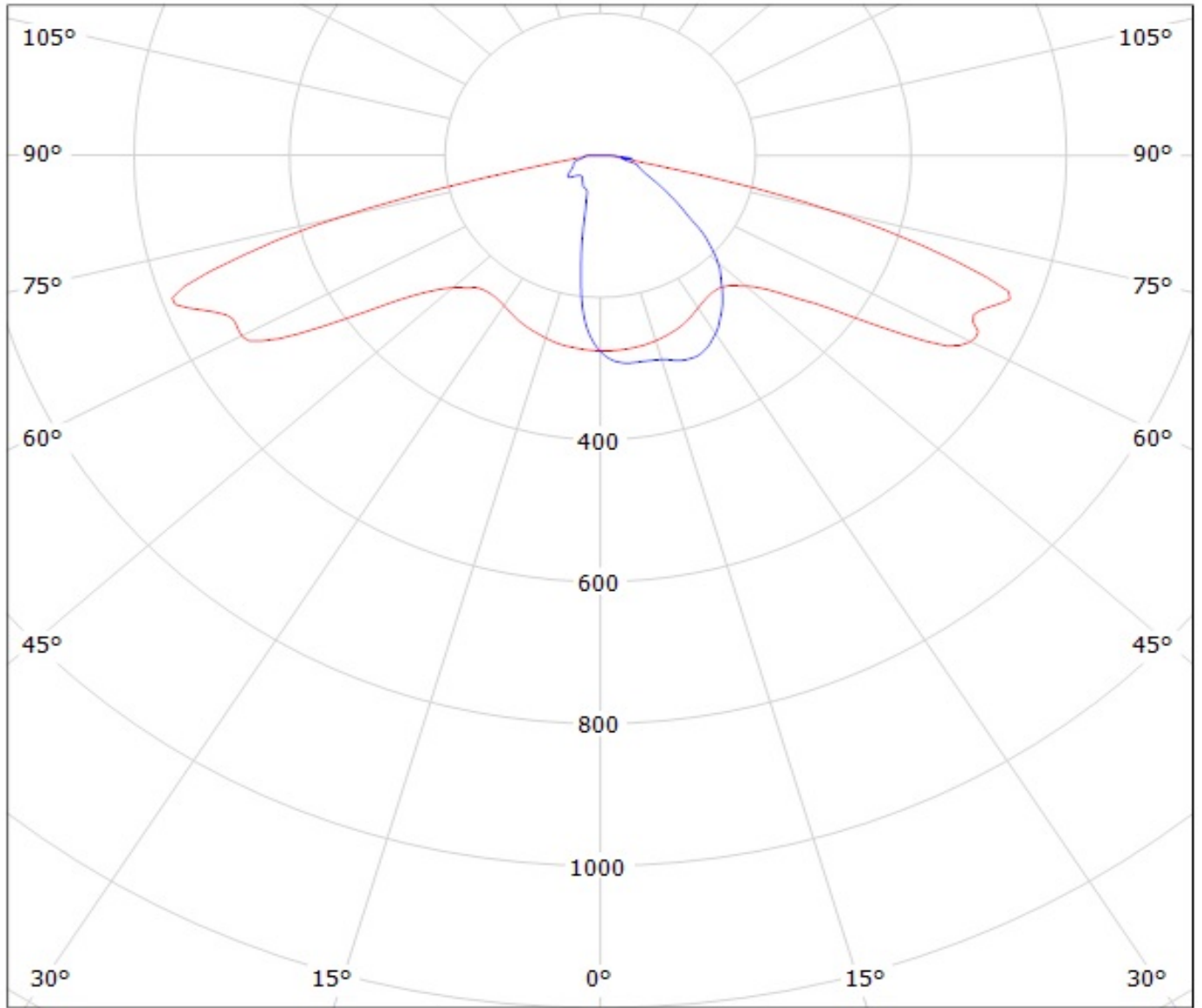
— C0 - C180

— C90 - C270

$\eta = 94\%$

Luminaire: LEDiL Oy C12362_STRADA-2x2-DWC_(LUXEON_Q)

Lamps: 1 x LUXEON_Q_2x2_(LHQ-3080)_299.038lm@250mA_P=2.8742W_I=249.8mA



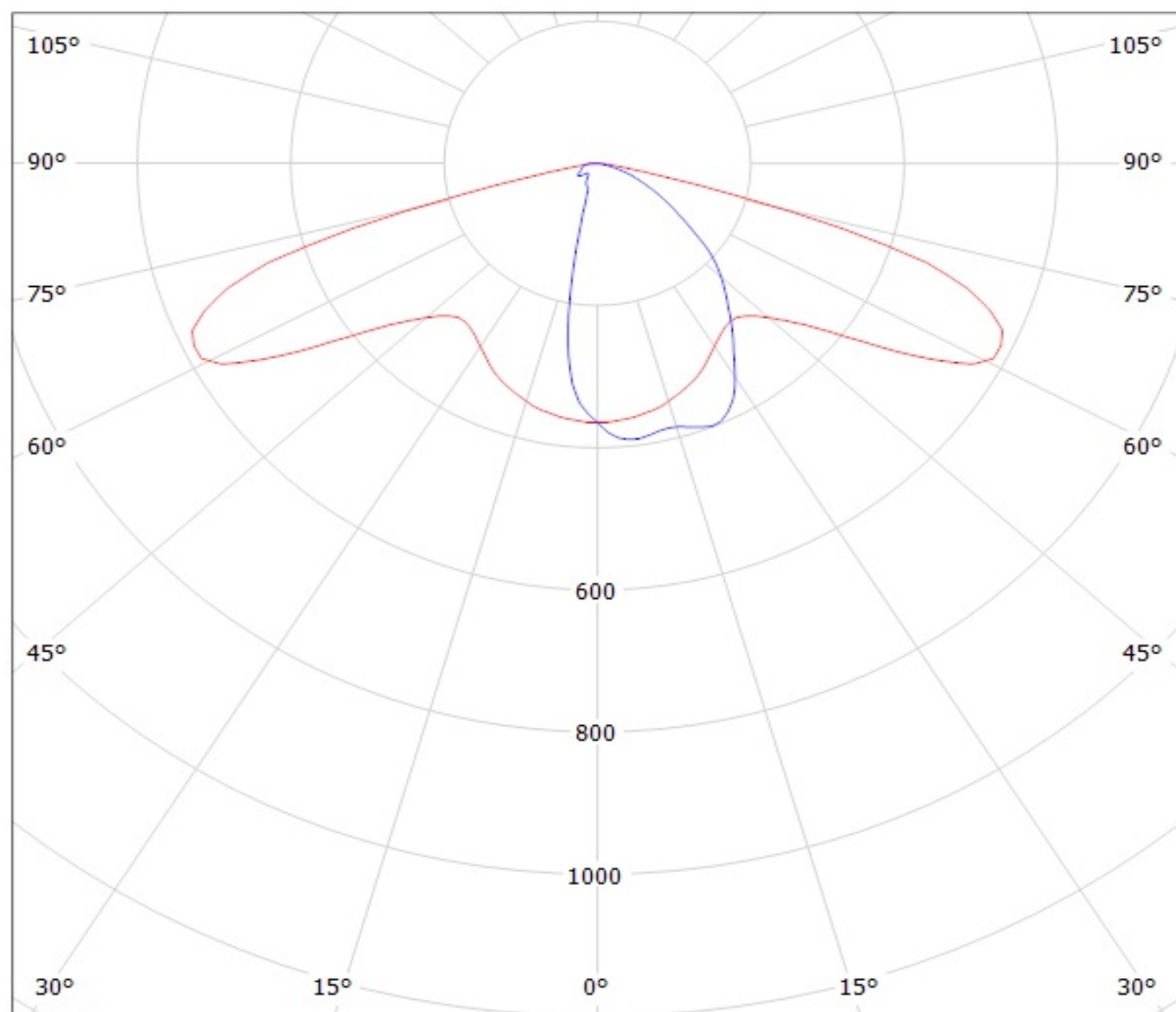
cd/klm

— C0 - C180

— C90 - C270

Luminaire: LEDil Oy C12362_STRADA-2X2-DWC_(Z5M1) Efficiency=94%

Lamps: 1 x Seoul Z5M1 (SZ5-M1-WN-C8) 379lm @ 250mA CCT=4600K P=2.9W I=250mA

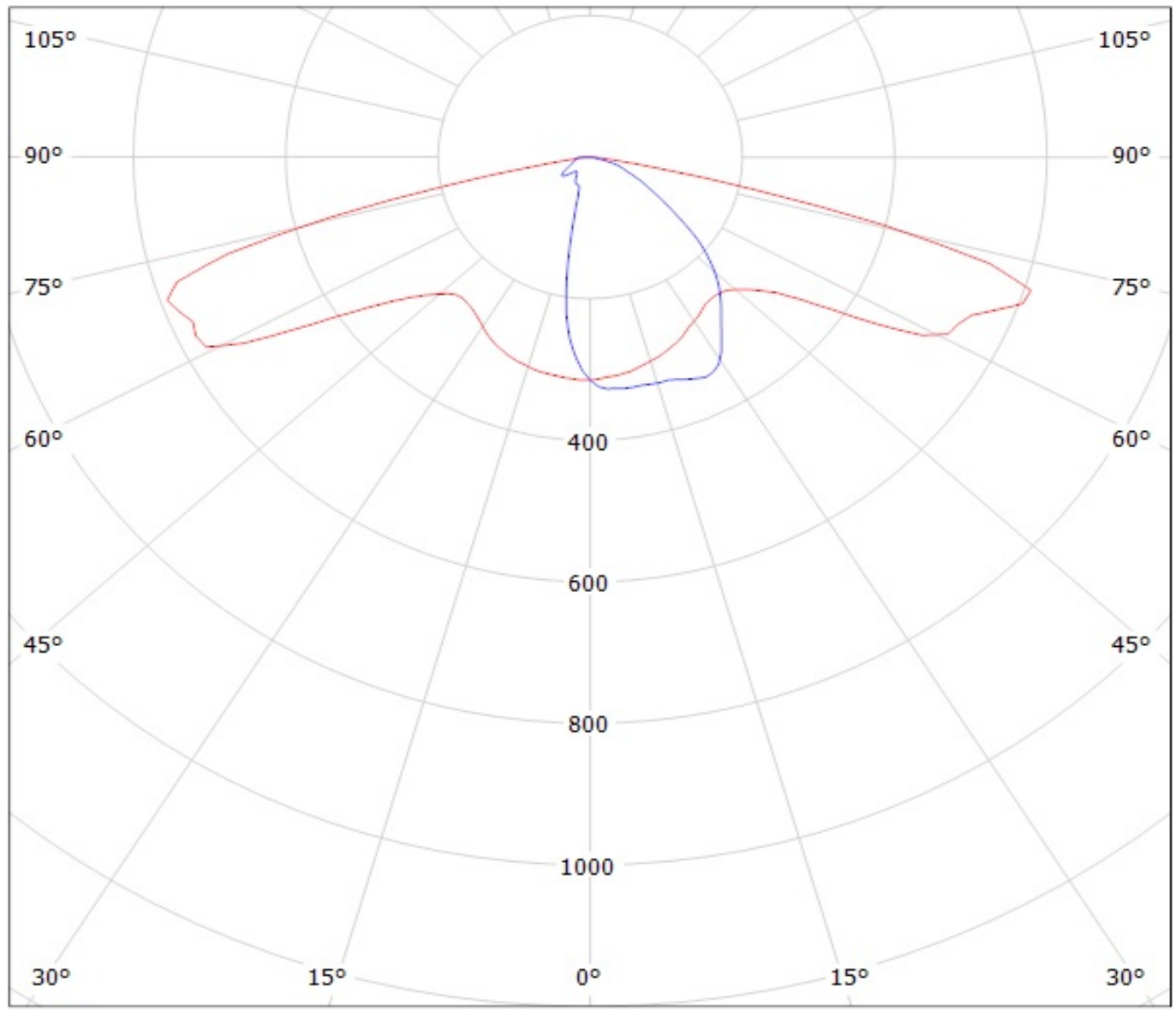


cd/klm

— C0 - C180

— C90 - C270

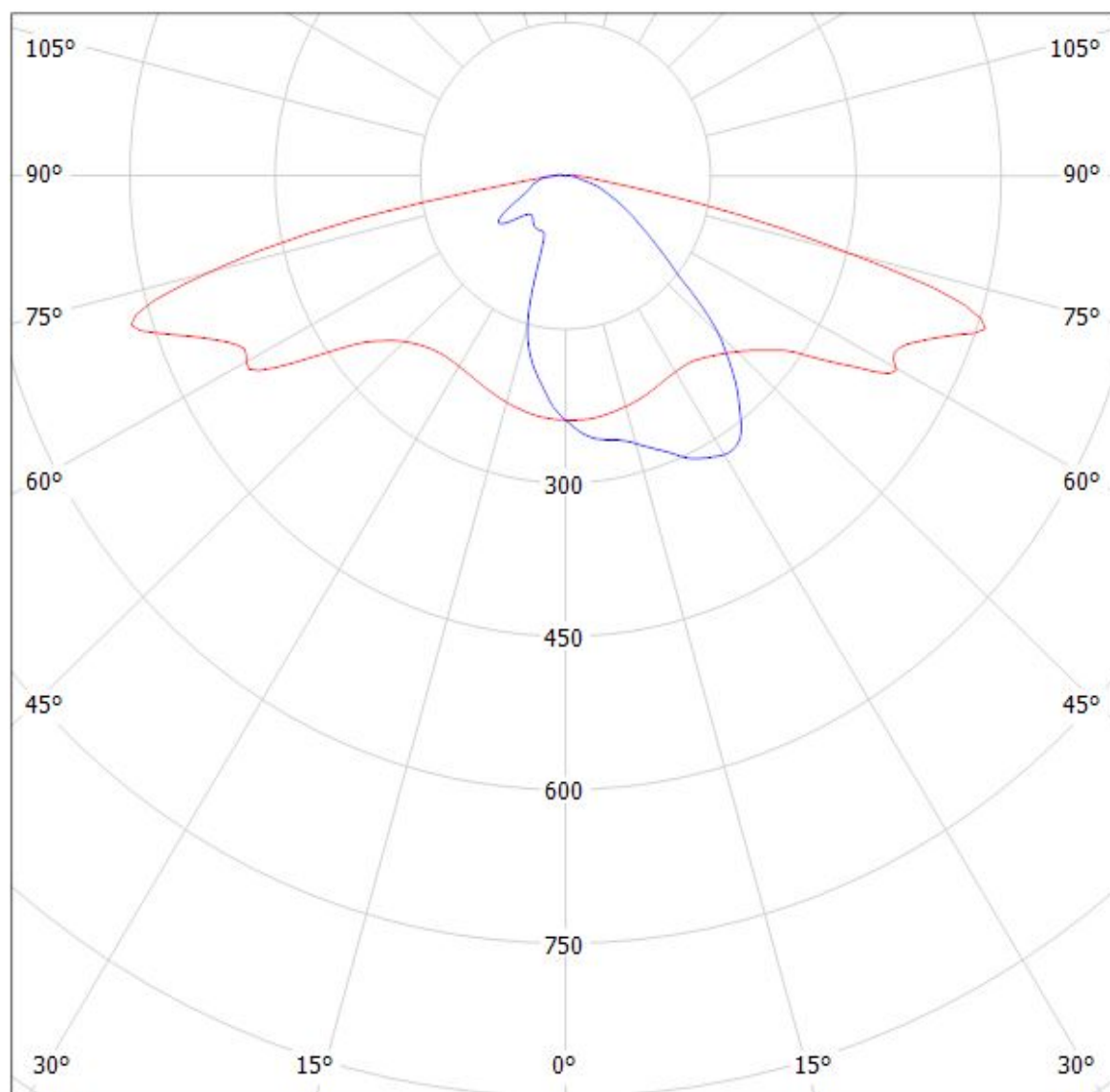
Luminaire: LEDil Oy C12362_STRADA-2X2-DWC_(XP-G2) Efficiency=94%
Lamps: 1 x Cree XP-G2 (XPGBWT-L1-00-00G51) 350lm @ 250mA CCT=7200K P=2.9W I=250mA



cd/klm
— C0 - C180 — C90 - C270

Luminaire: LEDiL Oy C12362_STRADA-2X2-DWC_(XP-L) Eff.94.2%

Lamps: 1 x CREE_XP-L_2x2_(XPLAWT-0-1B0-V40-00-0001)_504.373lm@250mA_CCT=7600K_P=2.79963W_I=249.9mA



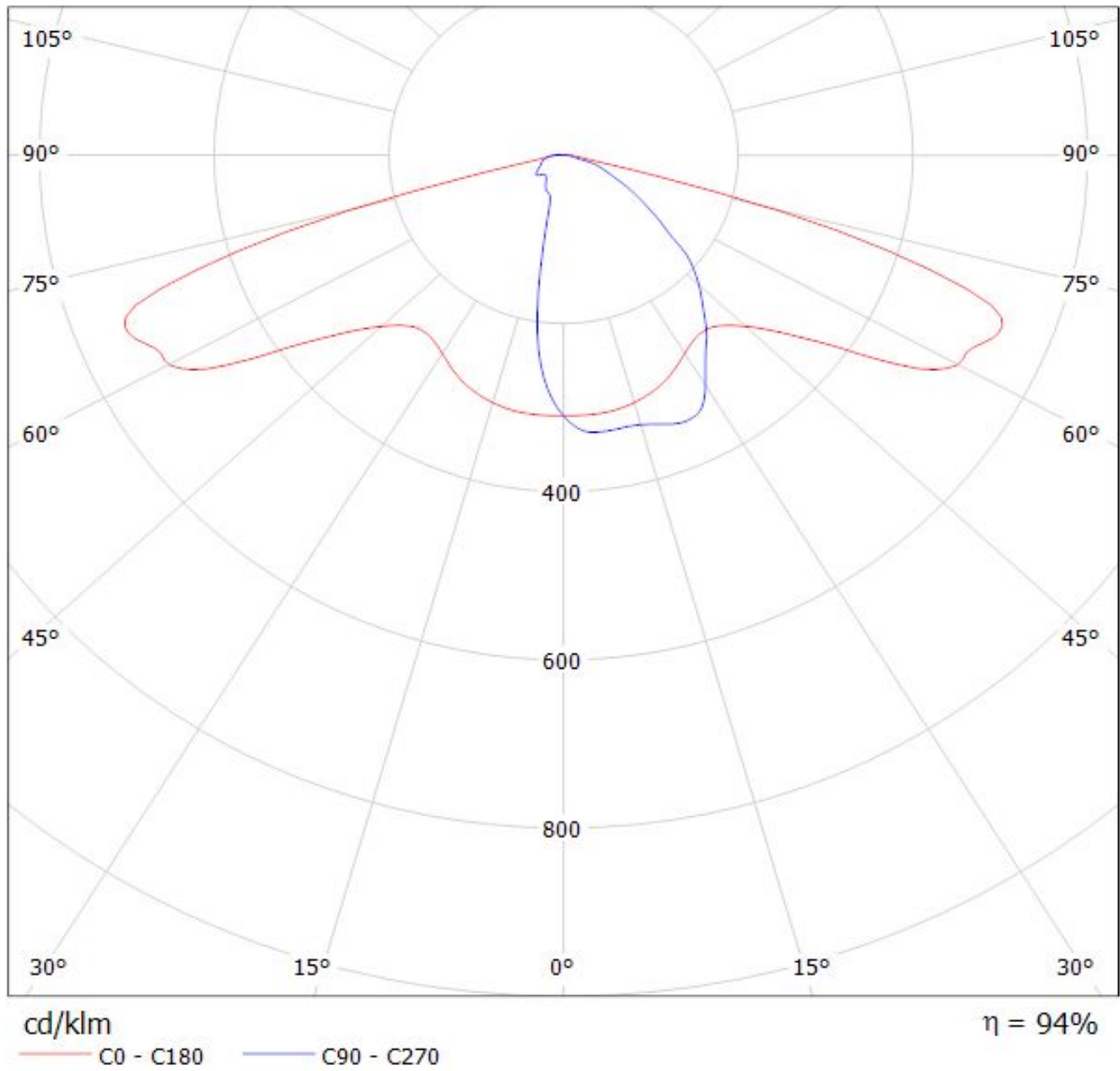
cd/klm

— C0 - C180

— C90 - C270

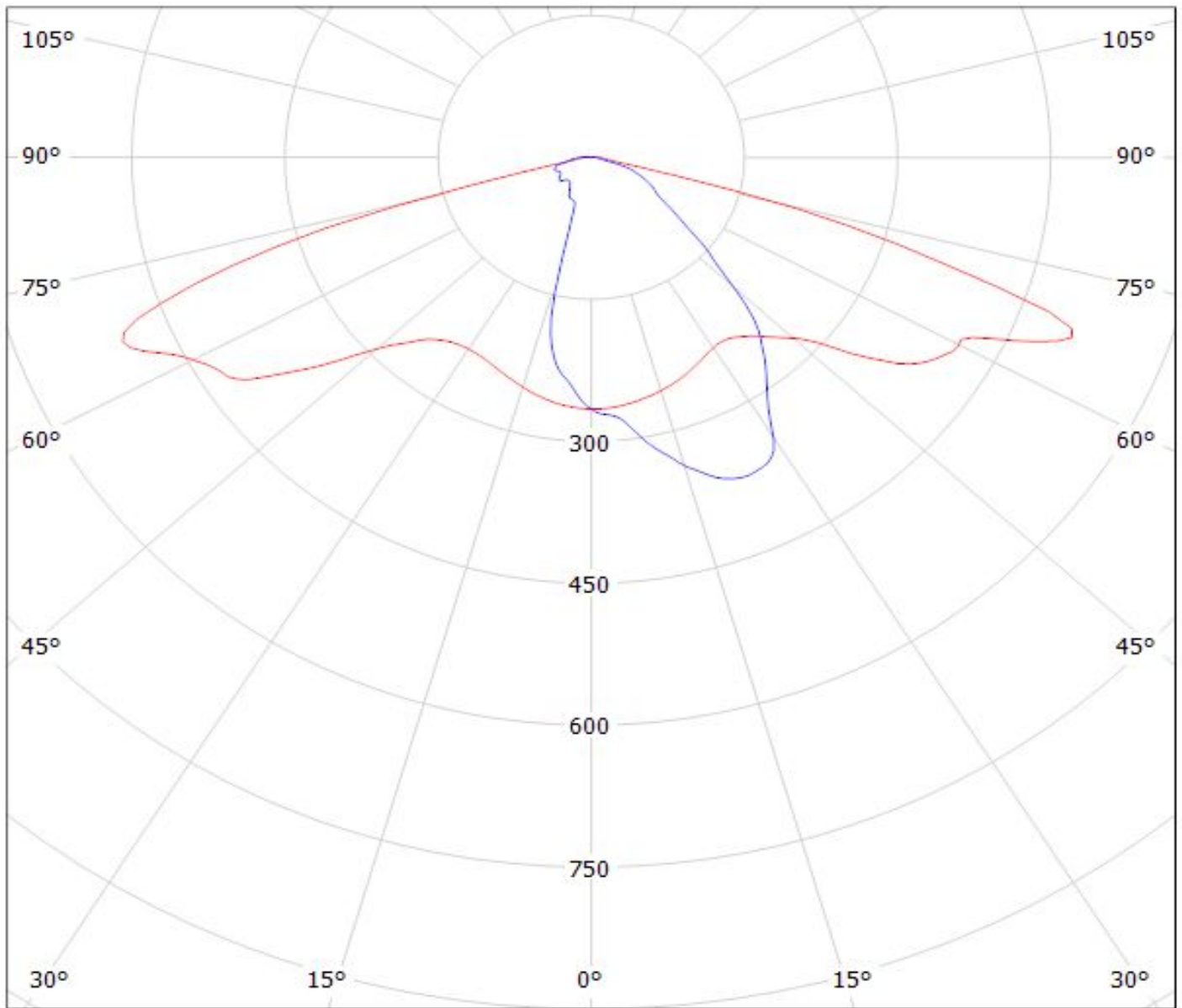
$\eta = 94\%$

Luminaire: LEDiL Oy C12362_STRADA-2X2-DWC_(Luxeon_TX)
Lamps: 1 x Luxeon_TX_2x2_321.384lm@250mA_P=2.79488W_I=249.9mA



Luminaire: LEDiL Oy C12362_STRADA-2X2-DWC_(LUXEON_MZ) Eff.94.0%

Lamps: 1 x LUXEON_MZ_2x2_(LMZ7-QW57)_415lm@250mA_P=2.71916W_CCT=5700K_I=249.9mA



cd/klm

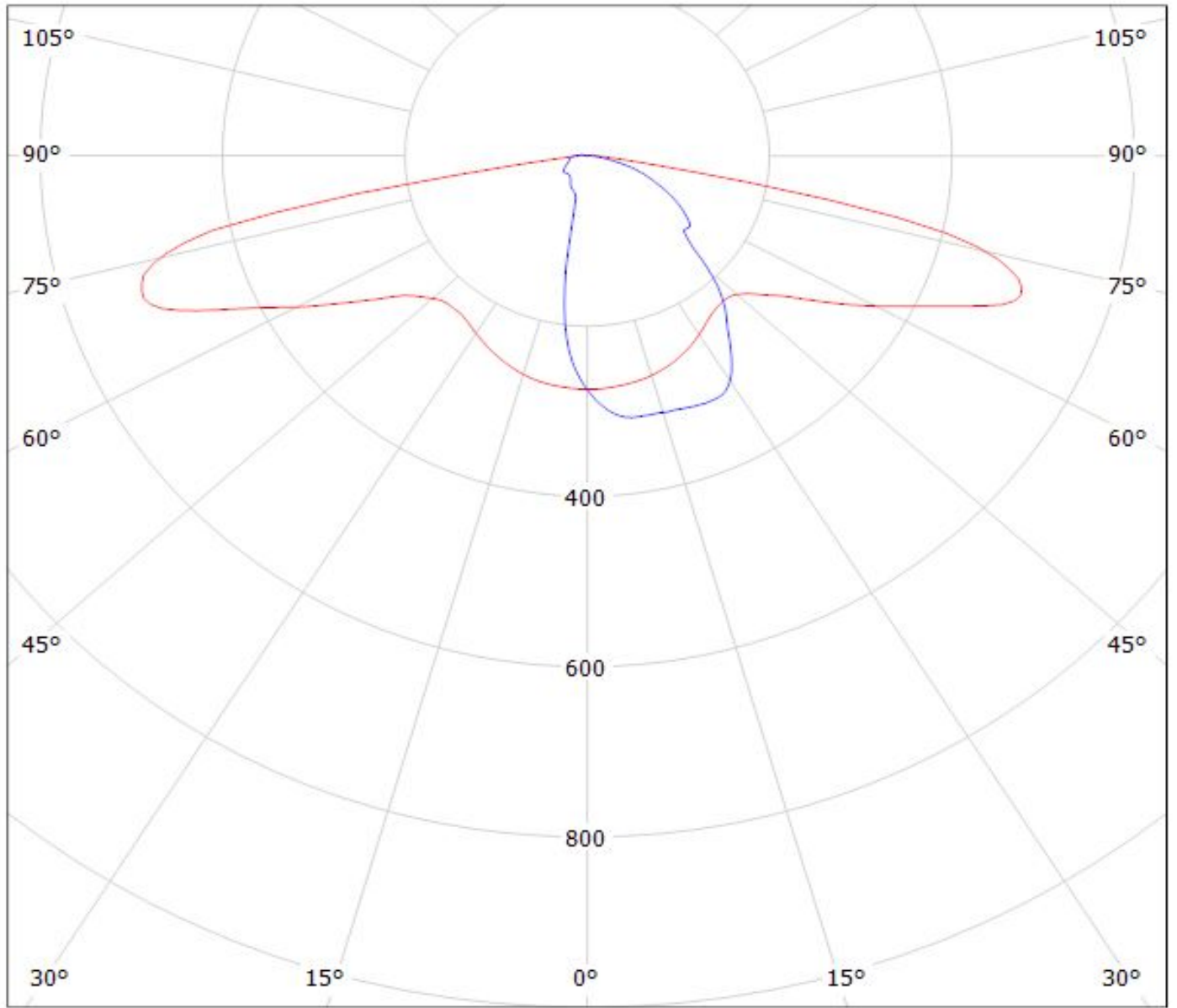
— C0 - C180

— C90 - C270

$\eta = 94\%$

Luminaire: LEDiL Oy C12362_STRADA-2X2-DWC_(LH351B) Eff.89.3%

Lamps: 1 x SAMSUNG_LH351B_2x2_430.715lm@250mA_P=2.84311W_I=249.9mA



cd/klm

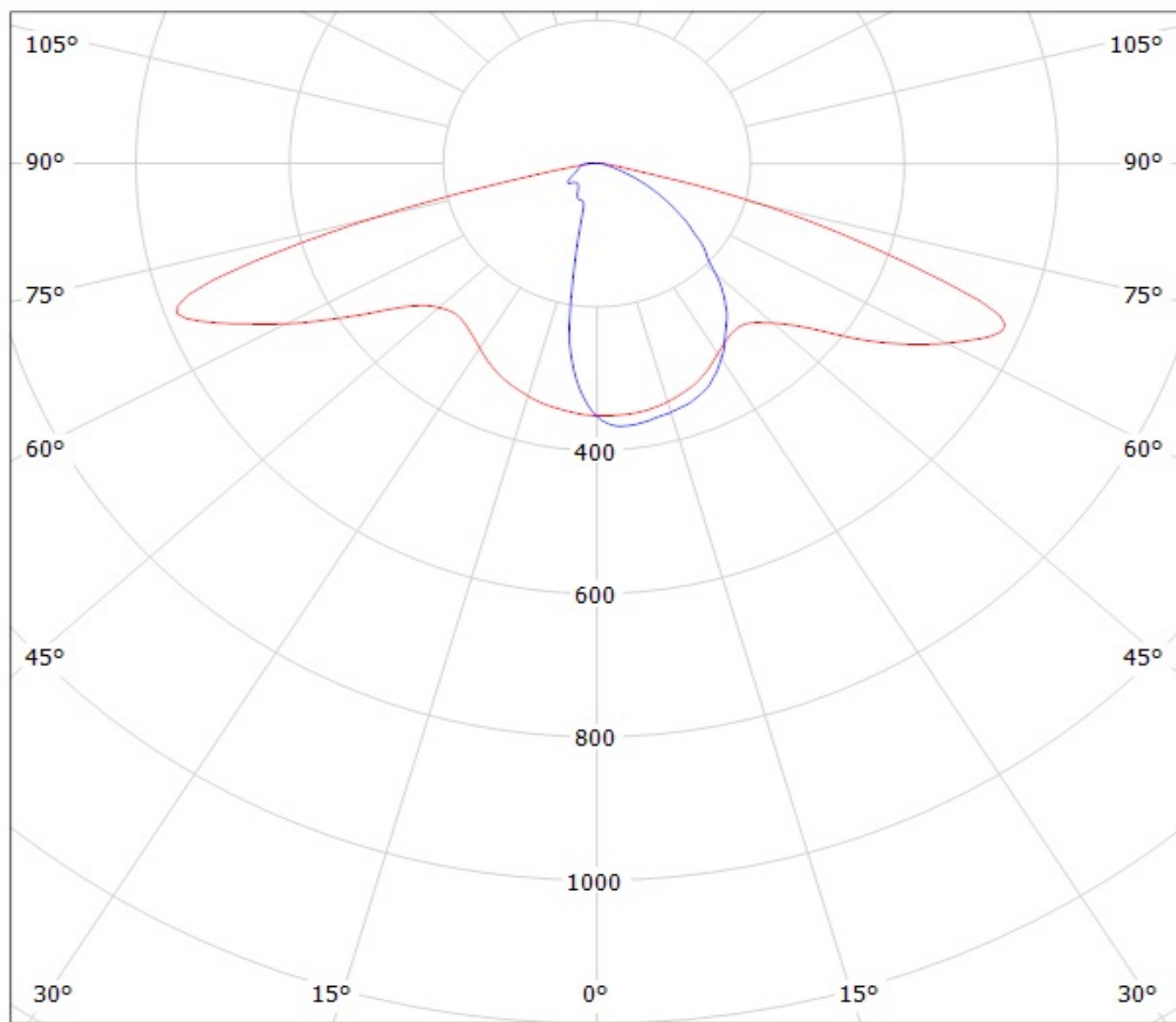
— C0 - C180

— C90 - C270

$\eta = 89\%$

Luminaire: LEDiL Oy C12362_STRADA-2X2-DWC_(LH351Z)

Lamps: 1 x SAMSUNG_LH351Z_2x2_360.93lm@250mA_P=2.86596W_I=249.8mA



cd/klm

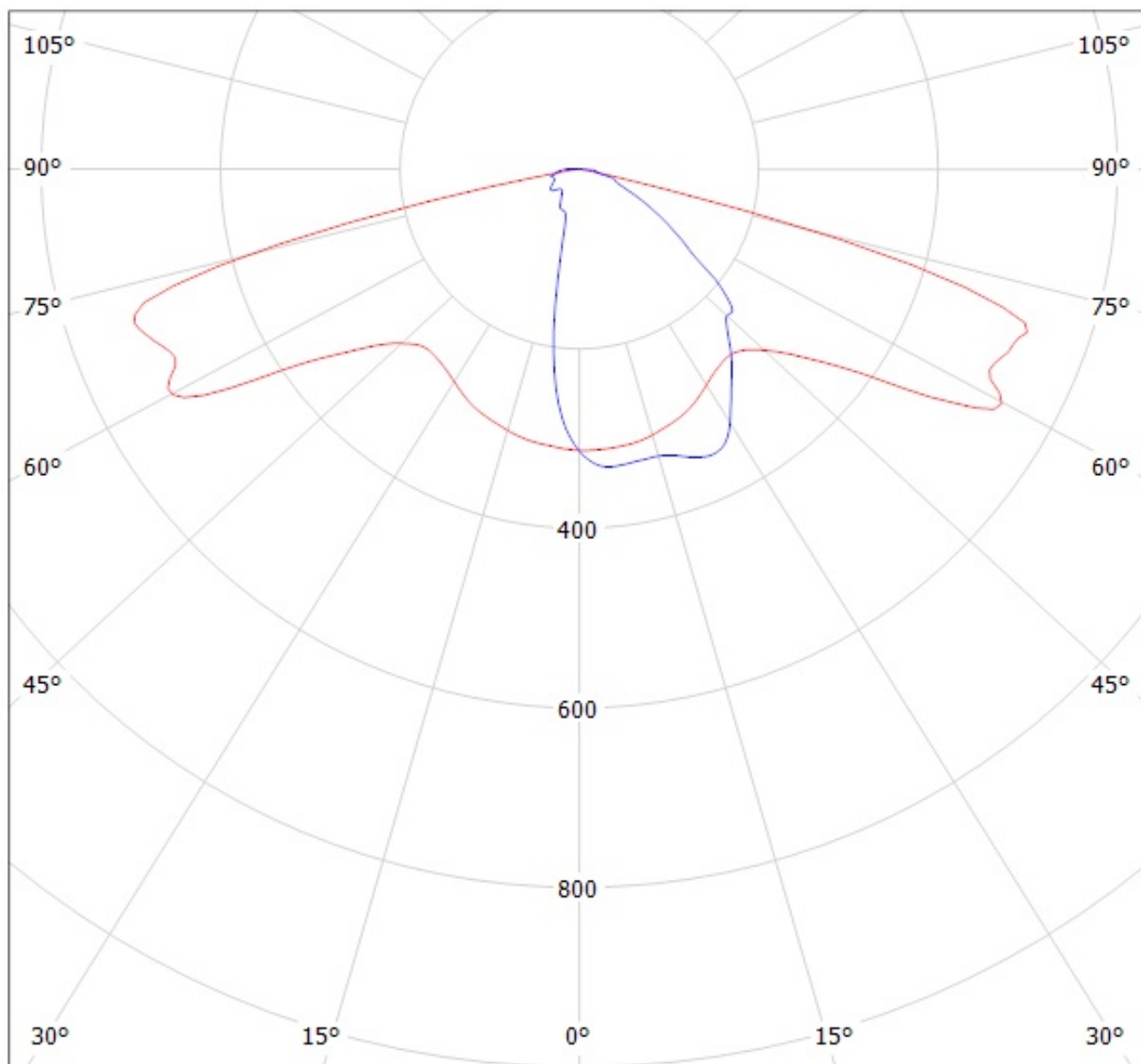
— C0 - C180

— C90 - C270

$\eta = 94\%$

Luminaire: LEDiL Oy C12362_STRADA-2X2-DWC_(Fortimo_F-Flex_2x8_740DAG3)

Lamps: 1 x Philips_Fortimo_FastFlex_LED_board_2x8/740_DA_G3_1795.7lm@250mA_P=11.6015W_I=0.2498A



cd/klm

— C0 - C180

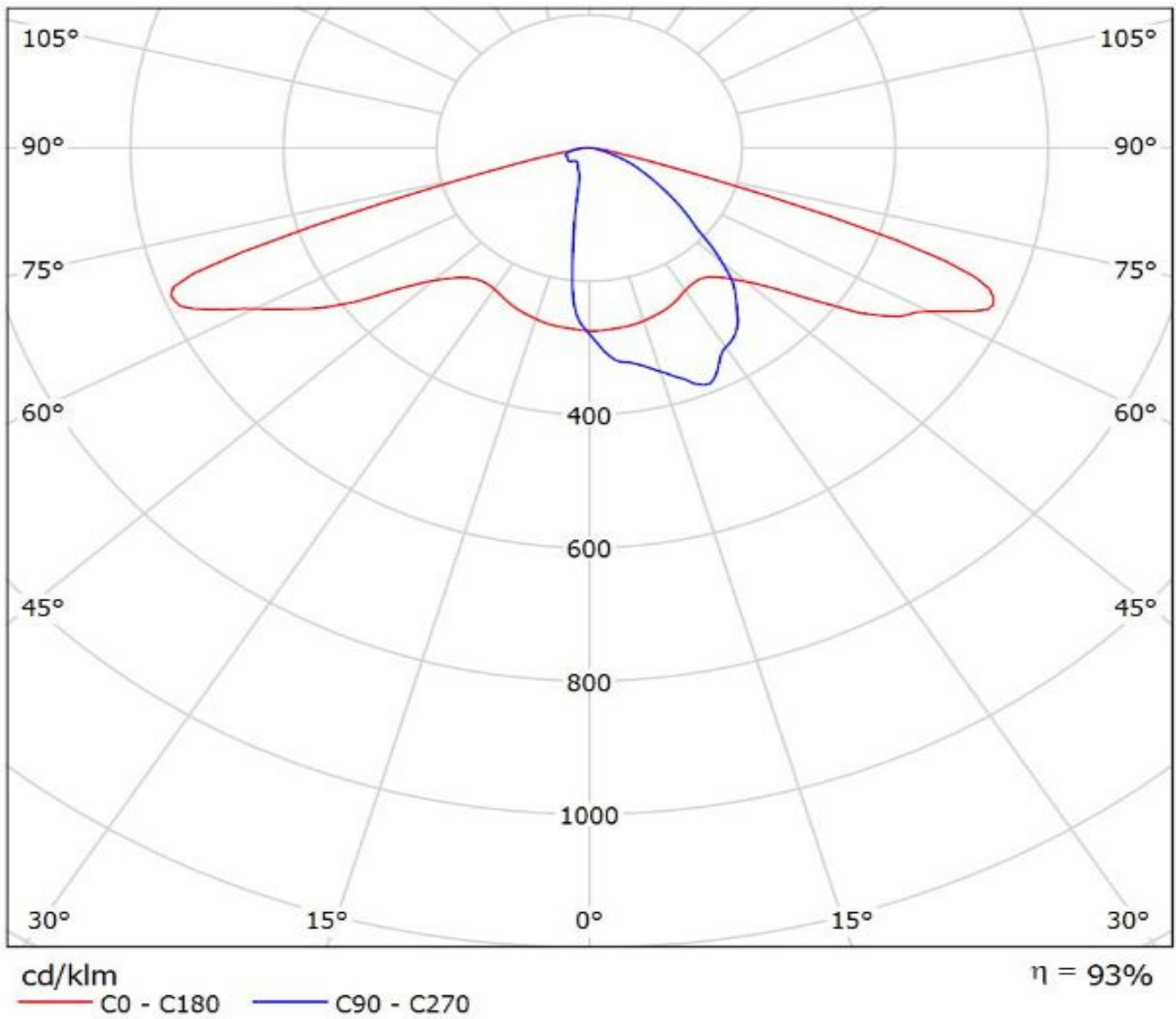
— C90 - C270

$\eta = 94\%$

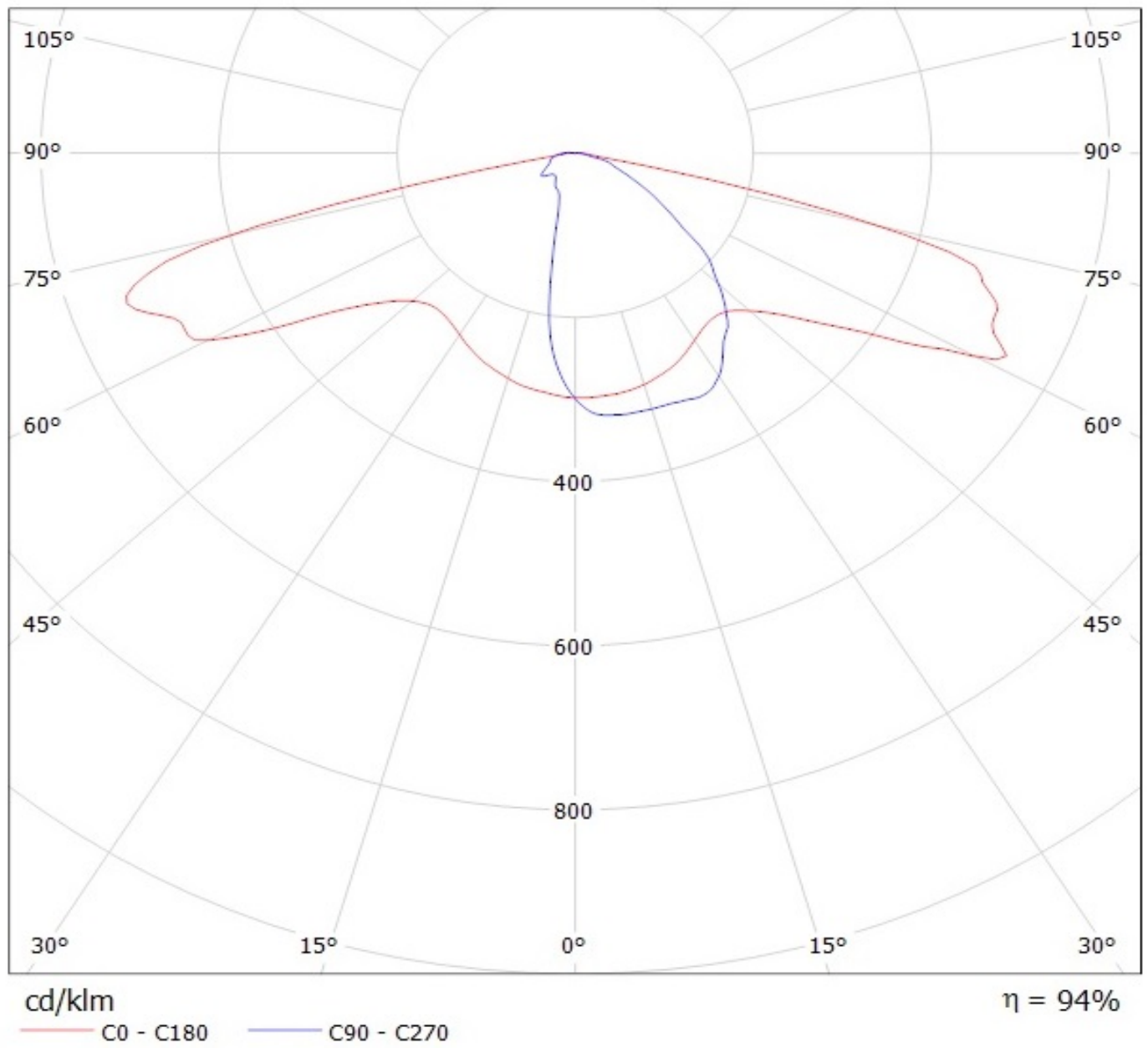
Ledil C12362_STRADA-2X2-DWC_(TL1L4) / LDC (Polar)

Luminaire: Ledil C12362_STRADA-2X2-DWC_(TL1L4)

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



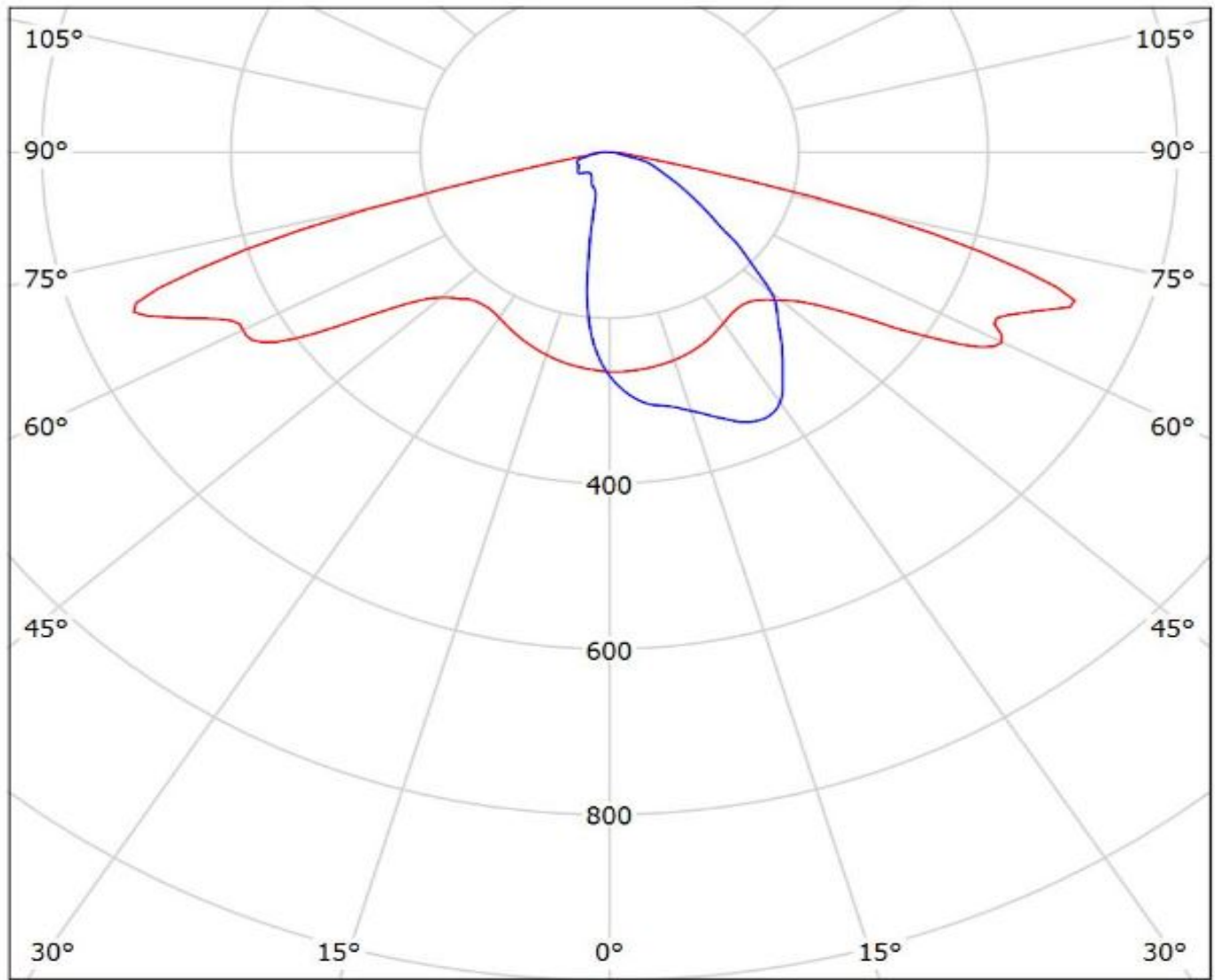
Luminaire: LEDiL Oy C12362_STRADA-2X2-DWC_(XP-L_HI)
Lamps: 1 x Cree_XP-L_HI_(2x2)_(XPLAWT-H-5A3-U60-013-0001)
_455.077lm@250mA_P=2.84011W_I=0,2499A



Ledil C12362_STRADA-2X2-DWC_(NVSL219BE) / LDC (Polar)

Luminaire: Ledil C12362_STRADA-2X2-DWC_(NVSL219BE)

Lamps: 1 x Nichia_NVSL219BE_319.707lm@250mA_CCT=3071K_P=2.8910W_I=0.25A



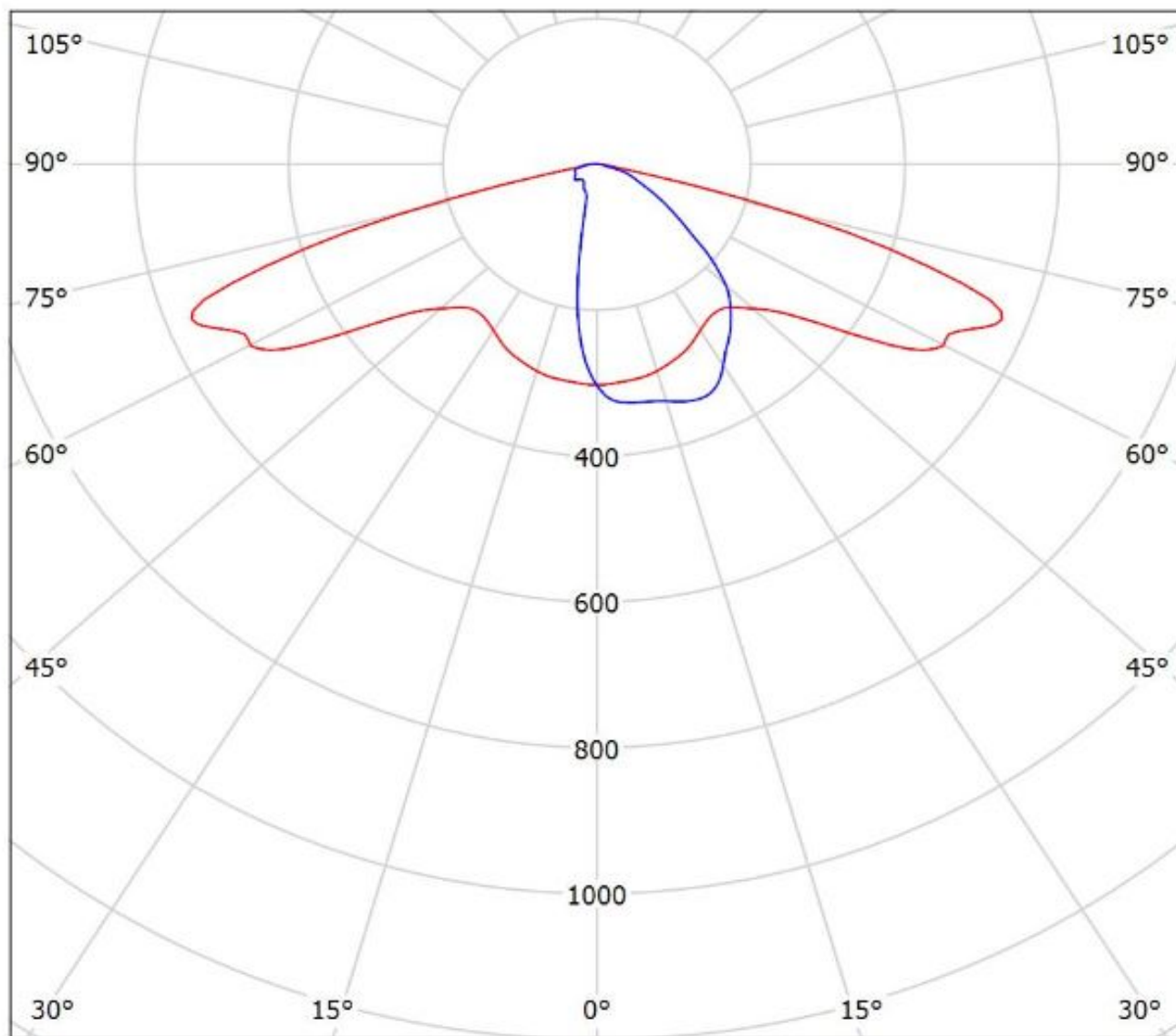
cd/klm

— C0 - C180 — C90 - C270

$\eta = 95\%$

Luminaire: LEDiL Oy C12362_STRADA-2X2-DWC_(Square_Gen3)

Lamps: 1 x Osram_Square_Gen3_GW_CSSRM2.PM_450.897lm@250mA_P=2.788_I=250mA



cd/klm

— C0 - C180

— C90 - C270

η = 92%

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.