PRODUCT DATASHEET
Strada-Module series
last update 21/4/2016

DETAILS

Product Number	C14165_STRADA-2X2-ME-WIDE2
Family	Strada-Module
Type	Lens
Color	clear
Diameter	50x50 mm
Height	7 mm
Style	square
Optic Material	PMMA
Holder Material	
Fastening	pin, screw
Status	production ready
ROHS Comliant	Yes
Date Updated	21/04/2016

OPTICAL PROPERTIES

LED	Viewing Angle	Light Beam	Effi-ciency	cd/lm	Connector
XP-G2	Asymmetric deg	Streetligh...	79 %	0.800	Undefined Manufacturer: Protective Plate, Glass
XP-L	sim: Asymmetric	Streetligh...	sim: 90 %	sim: 0.660	-
XP-G3	Asymmetric deg	Streetligh...	84 %	0.690	-
H35C1 (LEMWA33)	Asymmetric deg	Streetligh...	84 %	0.770	-
Duris S8	sim: Asymmetric	Streetligh...	sim: 93 %	sim: 0.600	-
Oslon Square Gen3	sim: Asymmetric	Streetligh...	sim: 92 %	sim: 0.890	-
Fortimo FastFlex LED board 2x8/740 DA asy	mmetric deg	Streetligh...	86 %	0.860	Undefined Manufacturer: Protective Plate, Glass
LH351B	Asymmetric deg	Streetligh...	94 %	0.850	-
LH351D	sim: asym	Streetligh...	sim: 75 %	sim: 0.410	Undefined Manufacturer: Protective Plate, Glass
TL1L4	Asymmetric deg	Streetligh...	81 %	0.750	Undefined Manufacturer: Protective Plate, Glass
RLE G1 49x223mm 4000lm xxx EXC OTP	Asymmetric deg	Streetligh...	94 %	1.300	-
RLE G1 49x245mm 4000lm xxx EXC OTP	Asymmetric deg	Streetligh...	94 %	1.300	-
RLE G1 49x121mm 2000lm xxx EXC OTP	Asymmetric deg	Streetligh...	94 %	1.300	-
RLE G1 49x133mm 2000lm xxx EXC OTP	Asymmetric deg	Streetligh...	94 %	1.300	-

Ledil Oy
Salorankatu 10
24240 SALO, Finland

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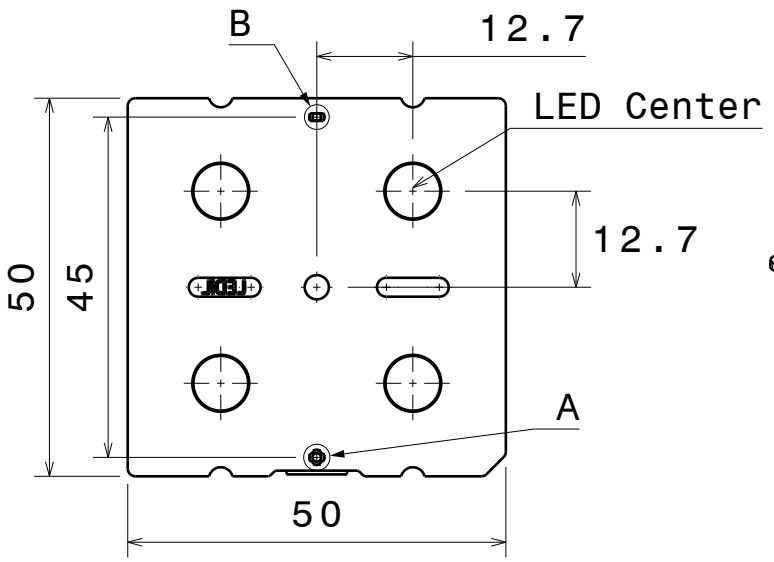
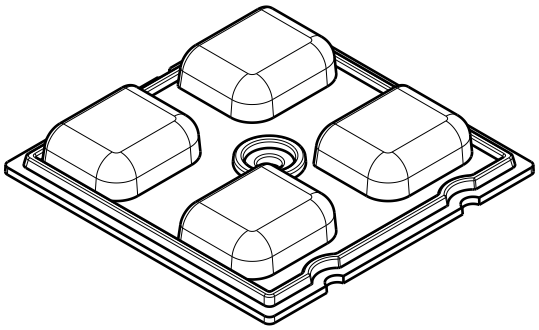
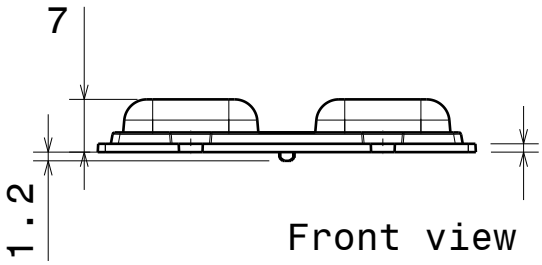
email: ledil@ledil.com
FAX: +358-2-733 8001



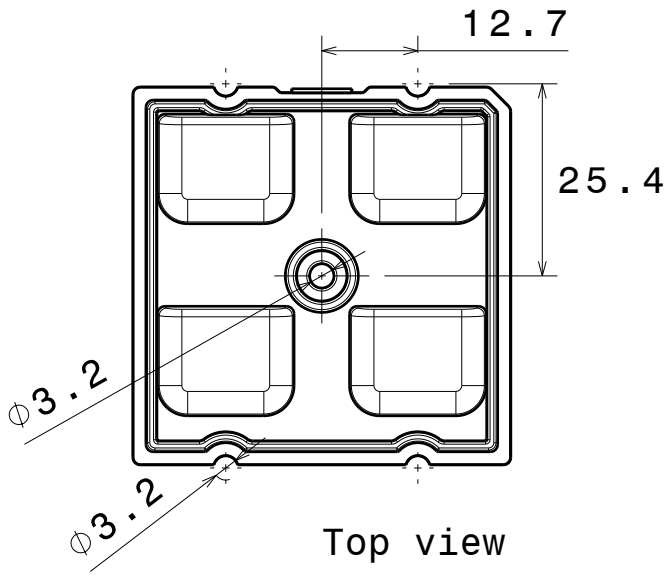
Bottom view



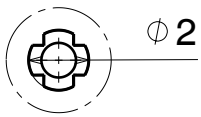
Isometric view



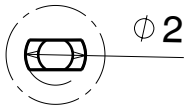
Front view



Top view



Detail A



Detail B

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:

Ledil Oy
Salorankatu 10
FIN 24240 SALO
Finland

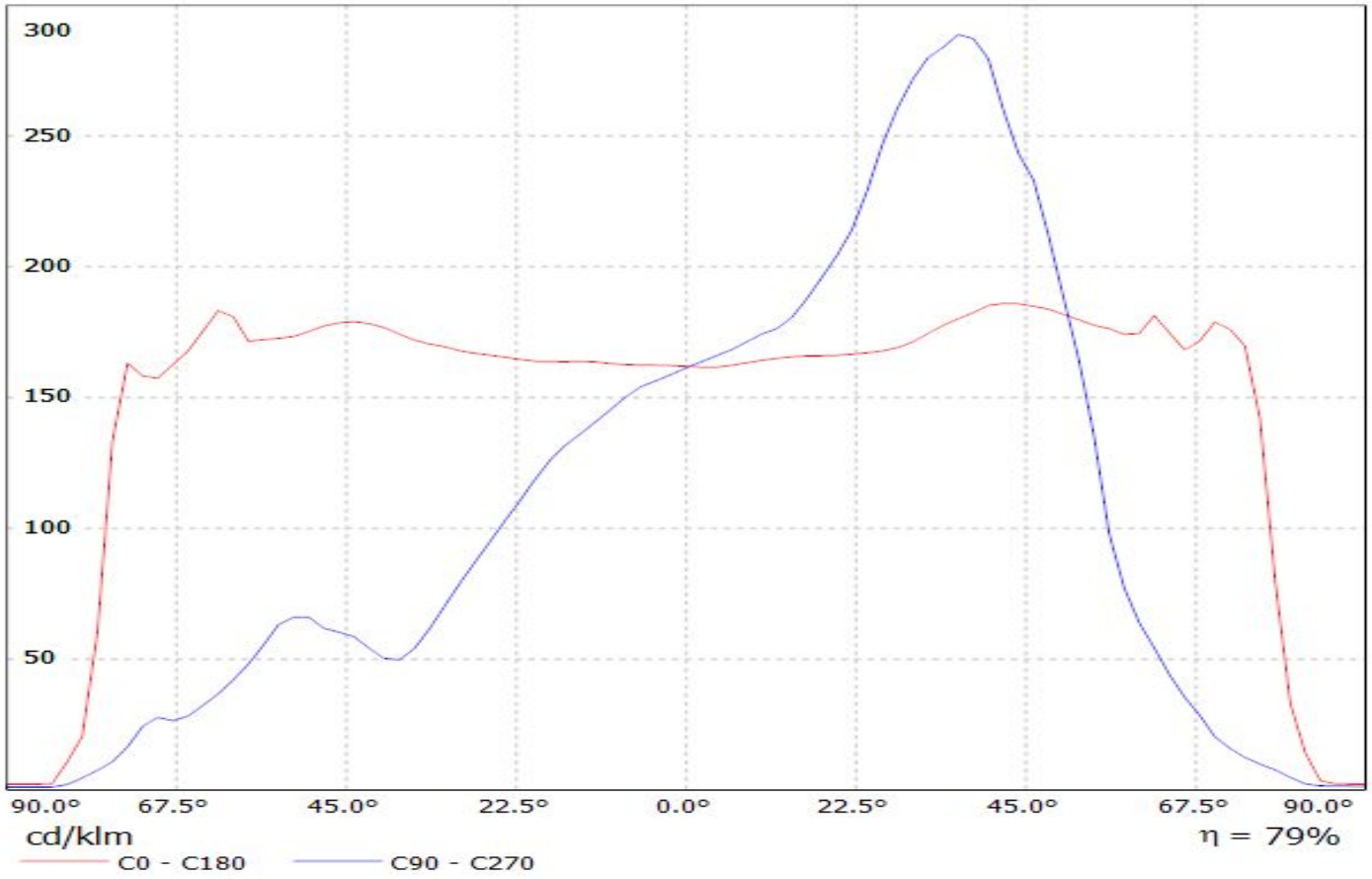
DRAWING TITLE

STRADA-2X2-ME-WIDE2

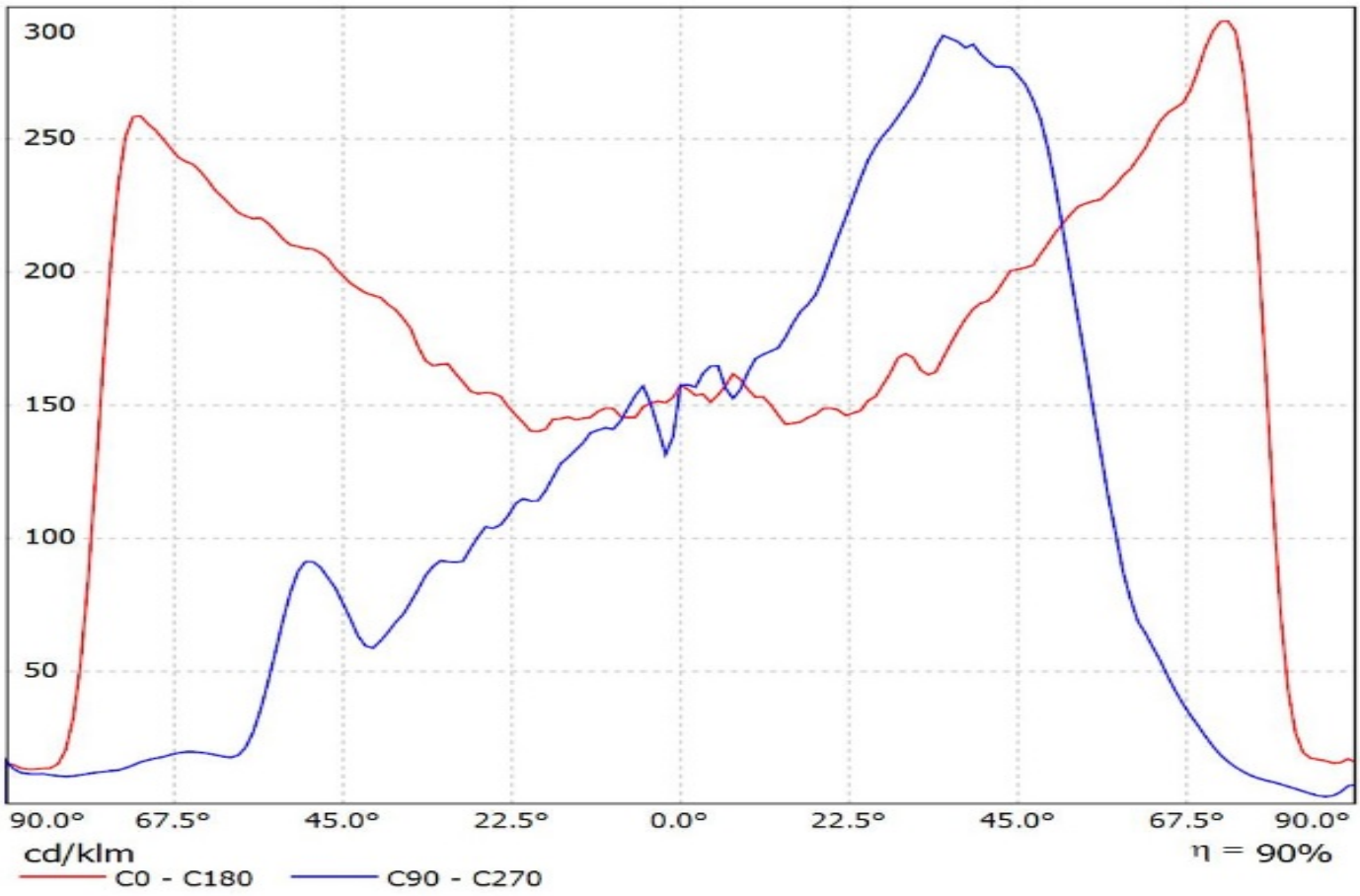
SIZE	PART NUMBER
A4	C14165

SCALE	WEIGHT		SHEET
1:1	-		1/1

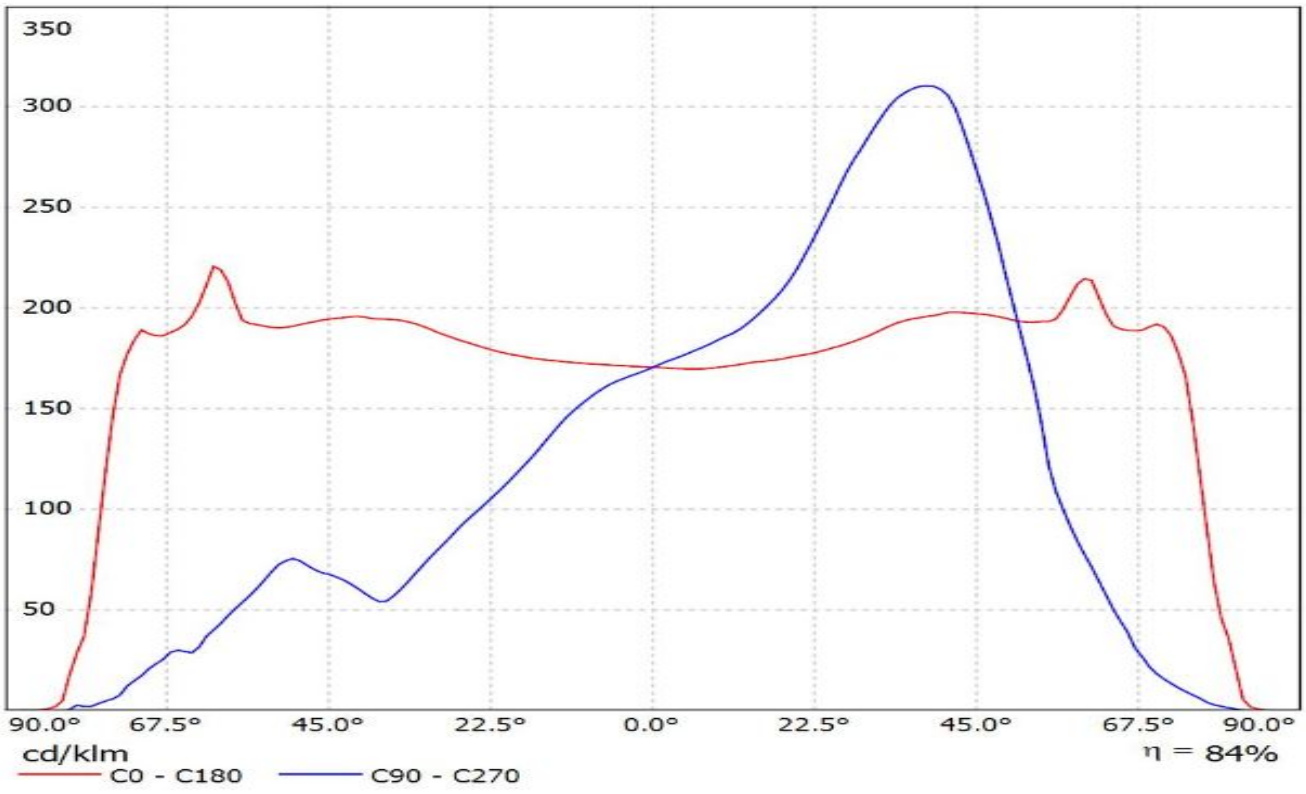
Luminaire: LEDiL Oy C14165_STRADA-2X2-ME-WIDE2_(XP-G2)
Lamps: 1 x CREE_XP-G2_2x2_(XPGBWT-L1-000-00G51)
_407.74lm@250mA_CCT=7181K_P=2.95432W_I=249.9mA



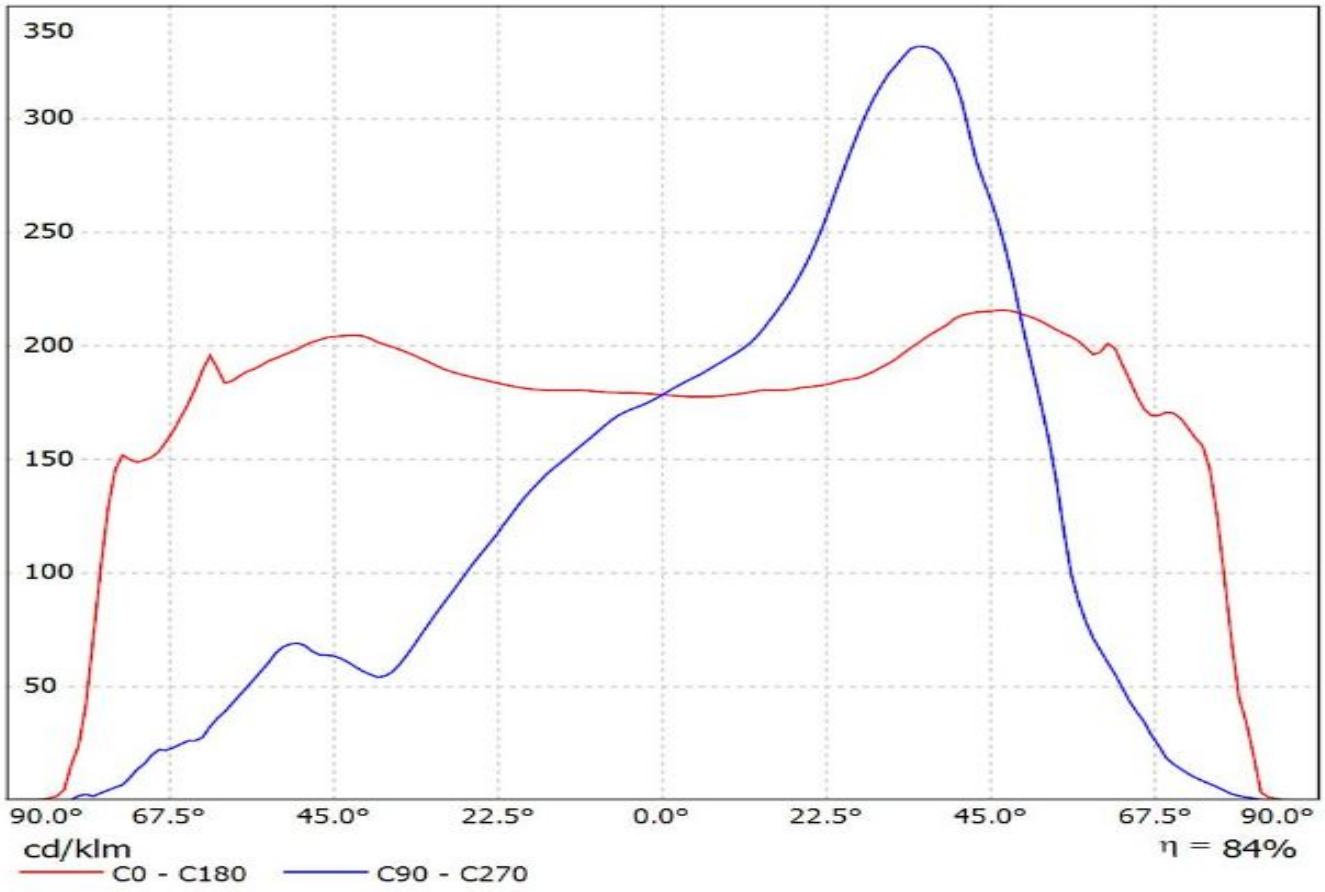
Luminaire: Ledil Oy C14165_STRADA-2X2-ME-WIDE2_(XP-L)_SIMULATED
Lamps: 1 x Cree XP-L



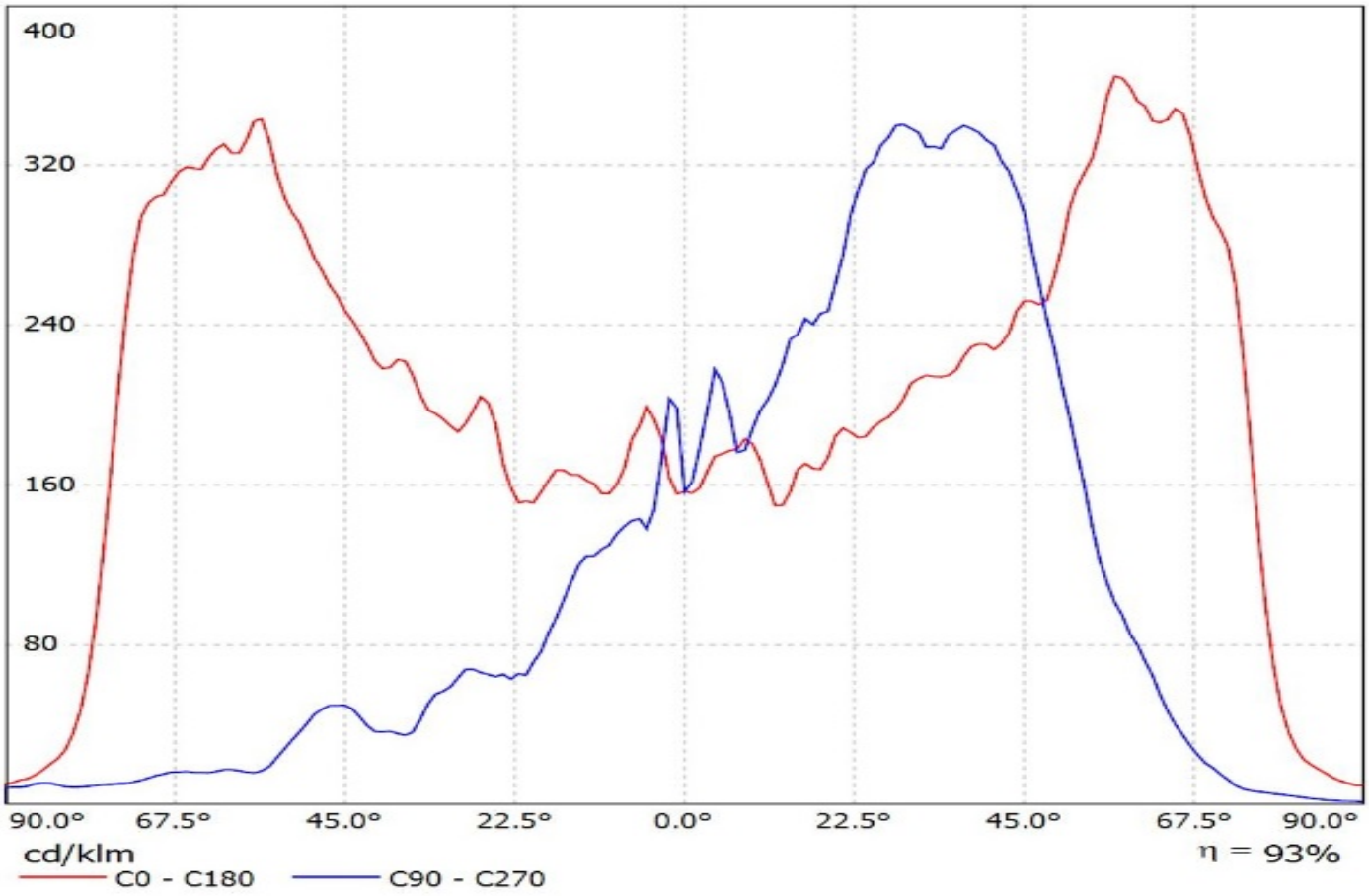
Luminaire: Ledil C14165_STRADA-2X2-ME-WIDE2_(XP-G3)_withglass
Lamps: 1 x Cree_XP-G3_2x2_(XPGDWT-B1-3C0-S4-0-01)_516.212lm@250mA_P=2.78875W_I=0.250A



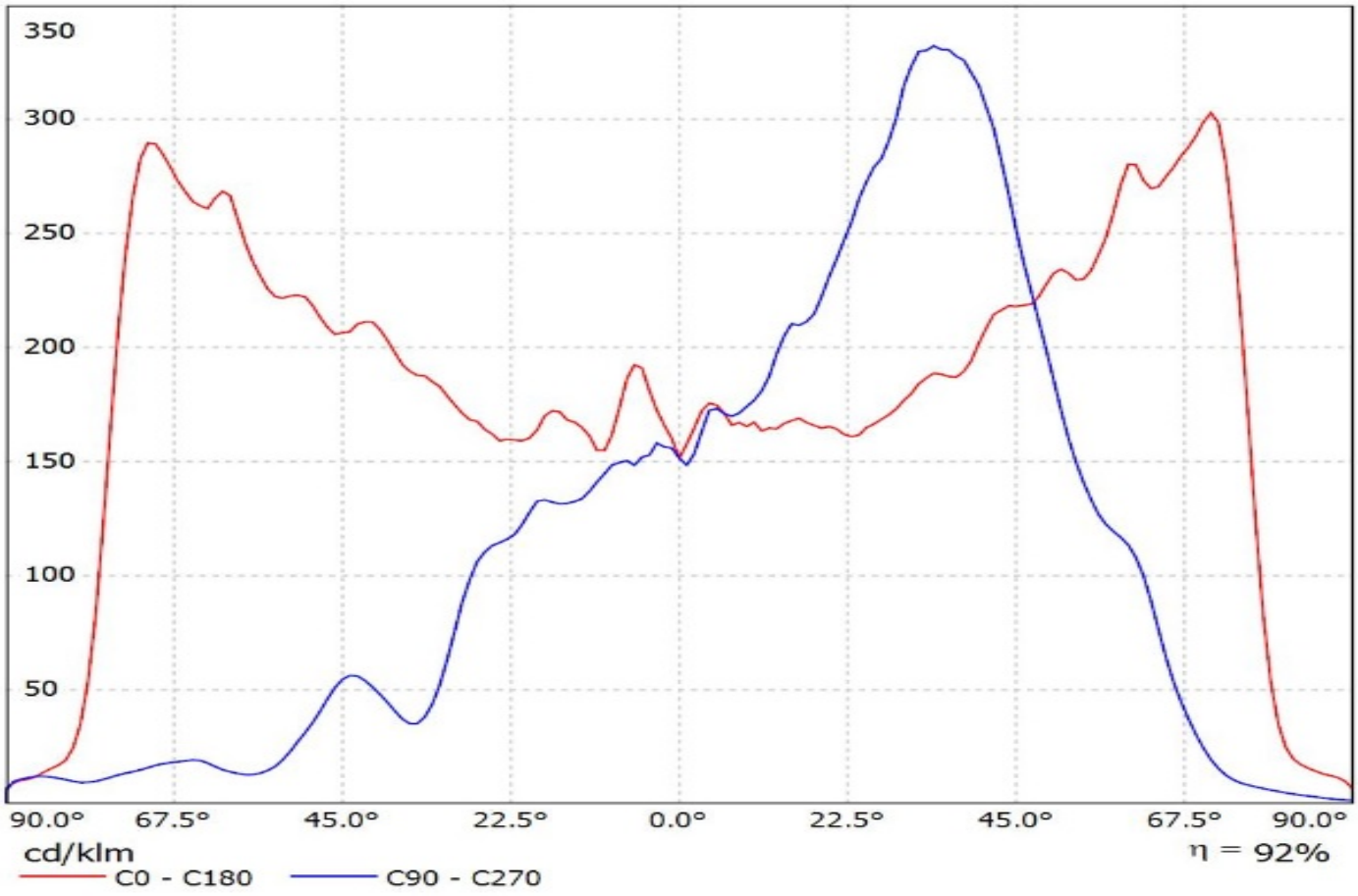
Luminaire: Ledil C14165_STRADA-2X2-ME-WIDE2_(H35C1)_withglass
Lamps: 1 x LG_H35C1_2x2_477.216lm@250mA_P=2.87475W_I=0.250A



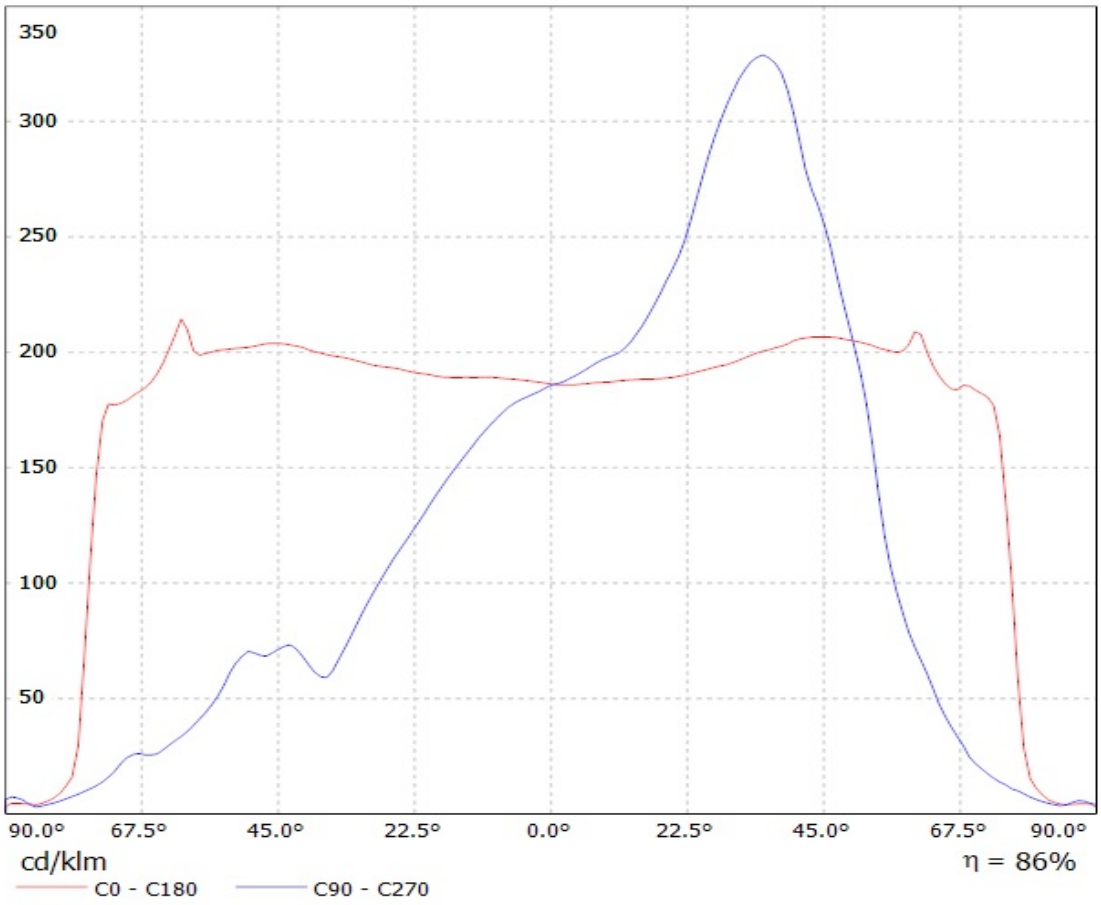
Luminaire: Ledil Oy C14165STRADA-2X2-ME-WIDE2_(Duris_S8_Gen2)_SIMULATED
Lamps: 1 x OSRAM_DURIS S8 GEN2 5050 package



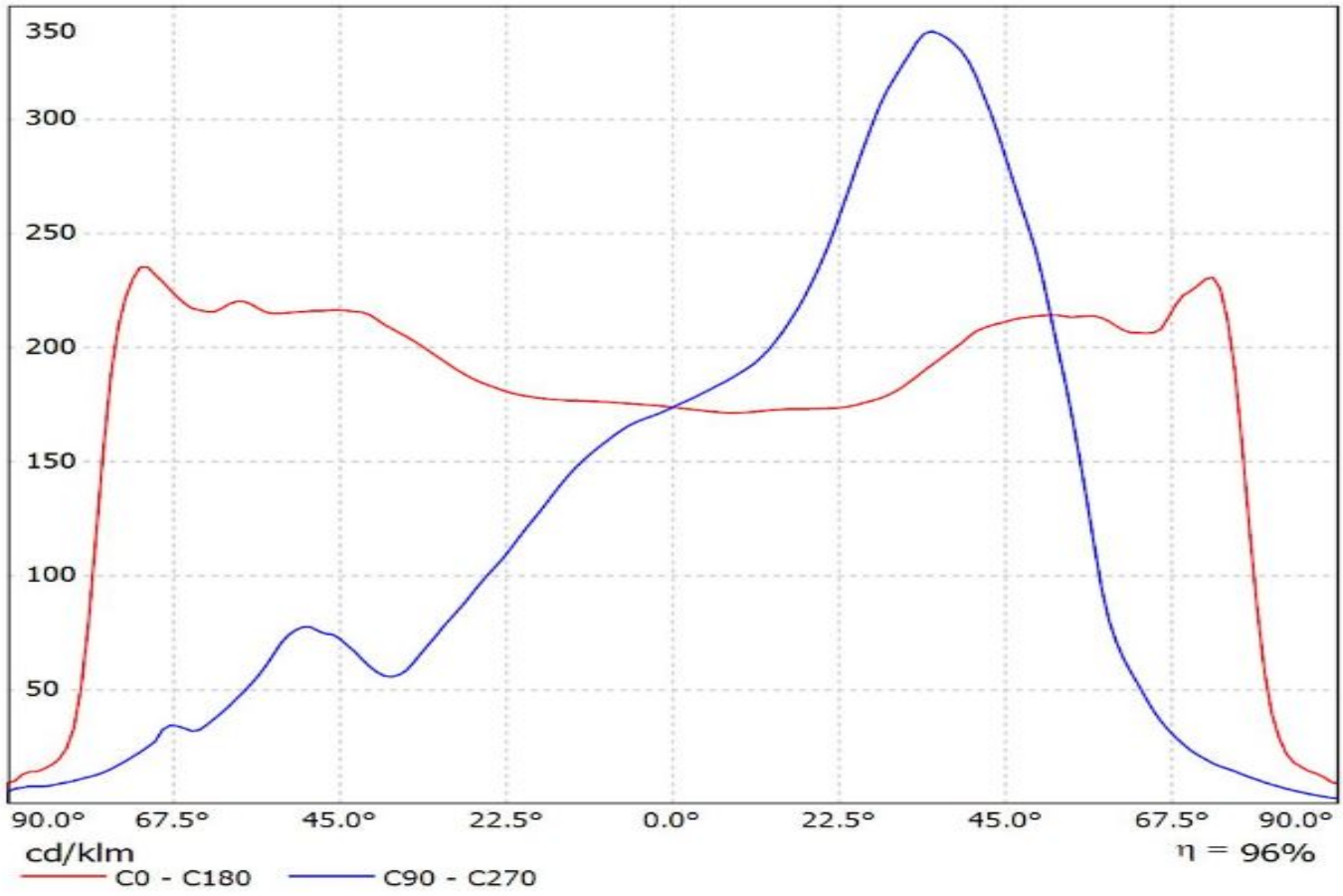
Luminaire: Ledil Oy C14165_STRADA-2X2-ME-WIDE2_(Oslon_Square_Gen3)_SIMULATED
Lamps: 1 x Osram Oslon Square Gen3 (GW CSSRM2.PC)



Luminaire: LEDiL Oy C14165_STRADA-2X2-ME-WIDE2_(Fortimo_F-Flex_2x8_740DAG3)_glass
Lamps: 1 x Philips_Fortimo_FastFlex_LED_board_2x8_740_DA_G3_(Glass_chassis)_1774.78lm@250mA_P=11.5852W_I=0.2498A

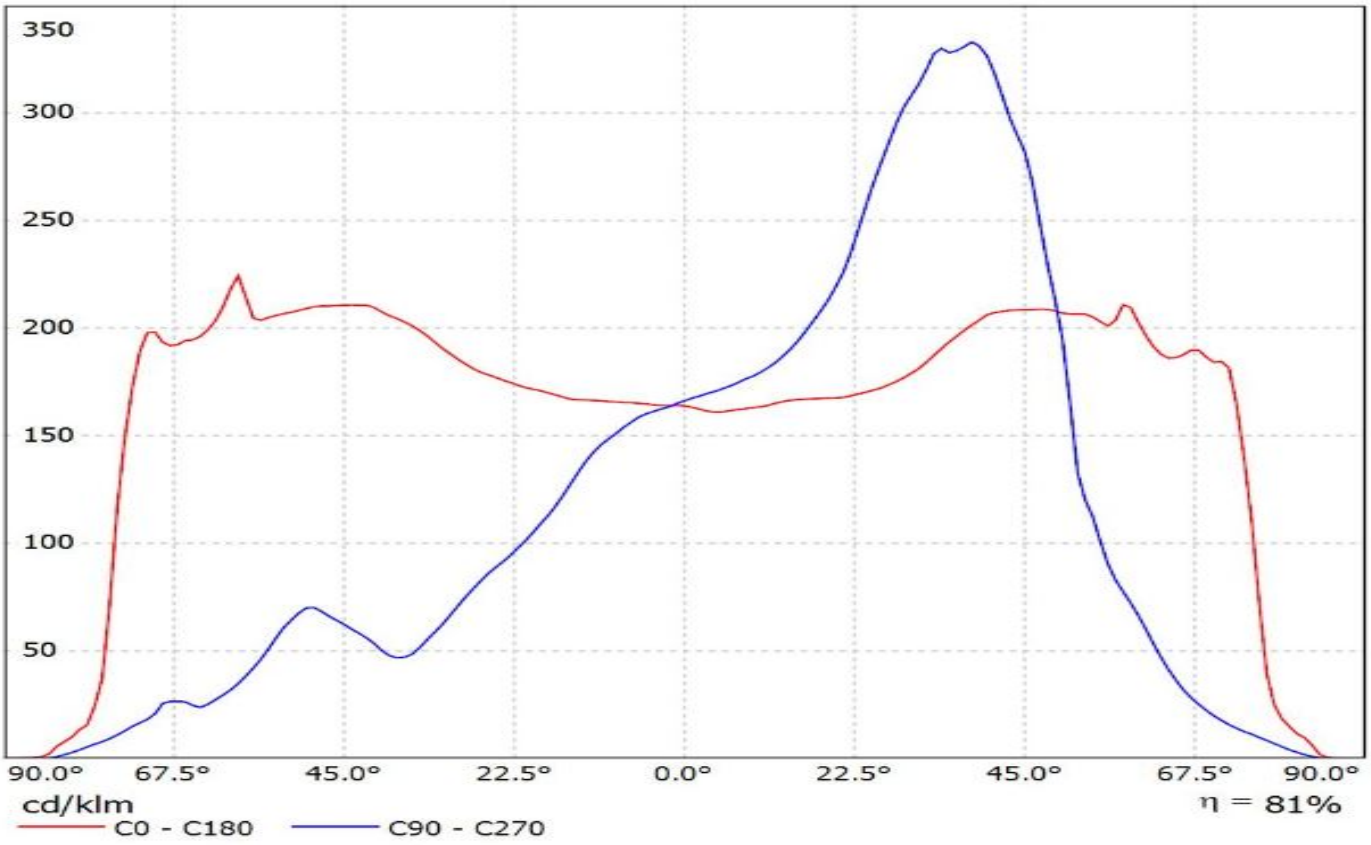


Luminaire: Ledil C14165_STRADA-2X2-ME-WIDE2_(LH351B)
Lamps: 1 x Samsung_LH351B_2x2_442.633lm@250mA_P=2.851W_I=0.25A

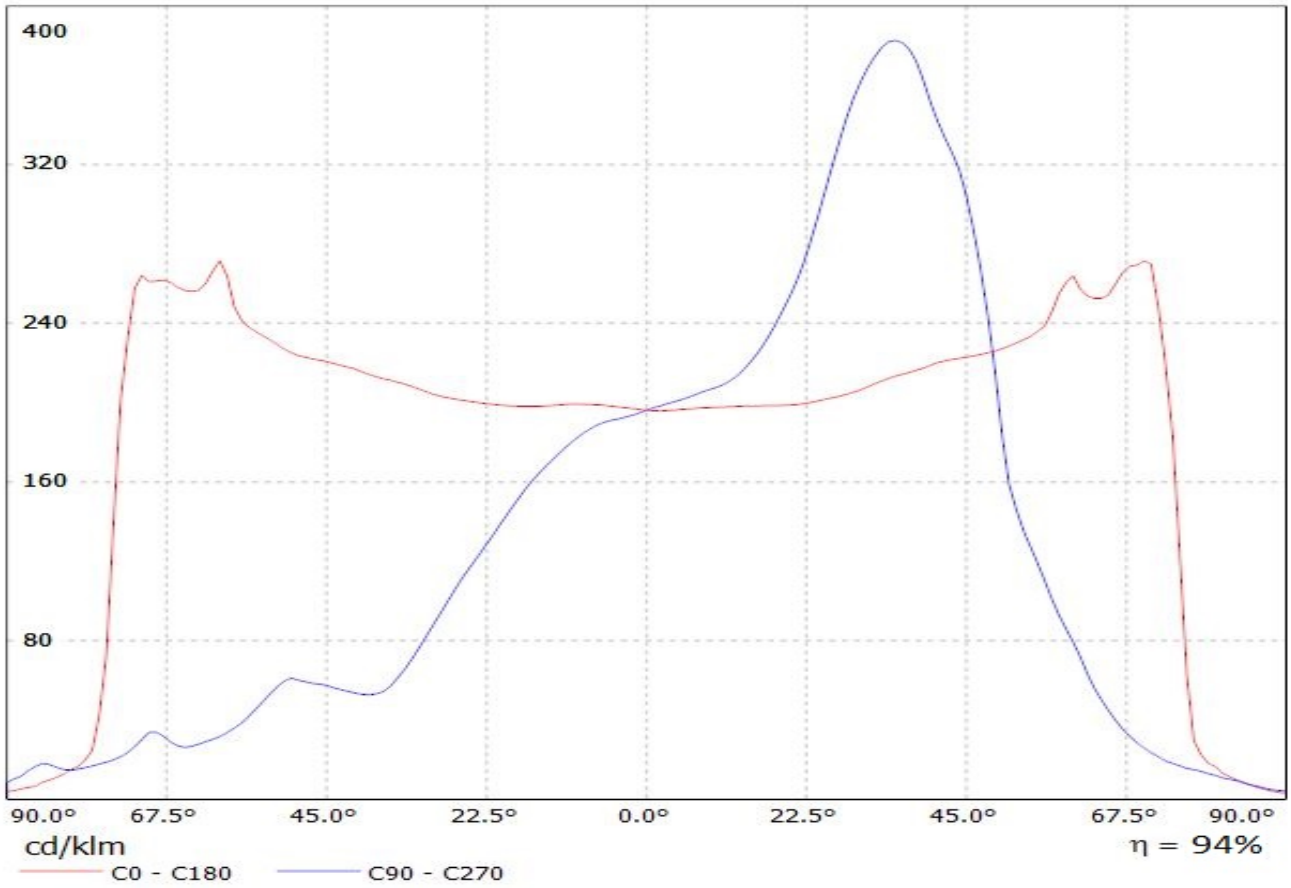


Ledil C14165_STRADA-2X2-ME-WIDE2_(TL1L4)_glass / LDC (Linear)

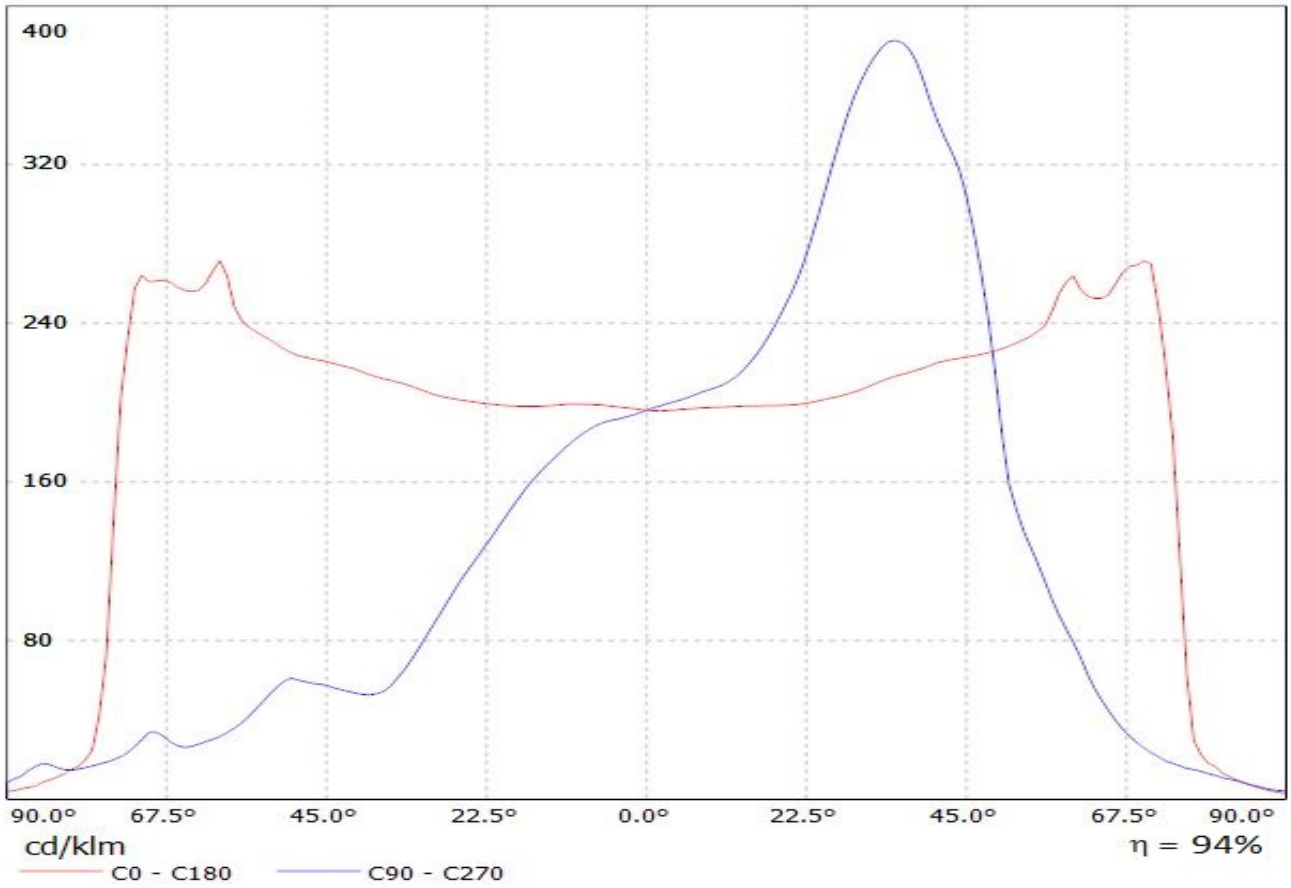
Luminaire: Ledil C14165_STRADA-2X2-ME-WIDE2_(TL1L4)_glass
Lamps: 1 x Toshiba_TL1L4_2x2_(TL1L4-DW0)_444.089lm@250mA_CCT=6500K_P=2.9W_I=0.25A



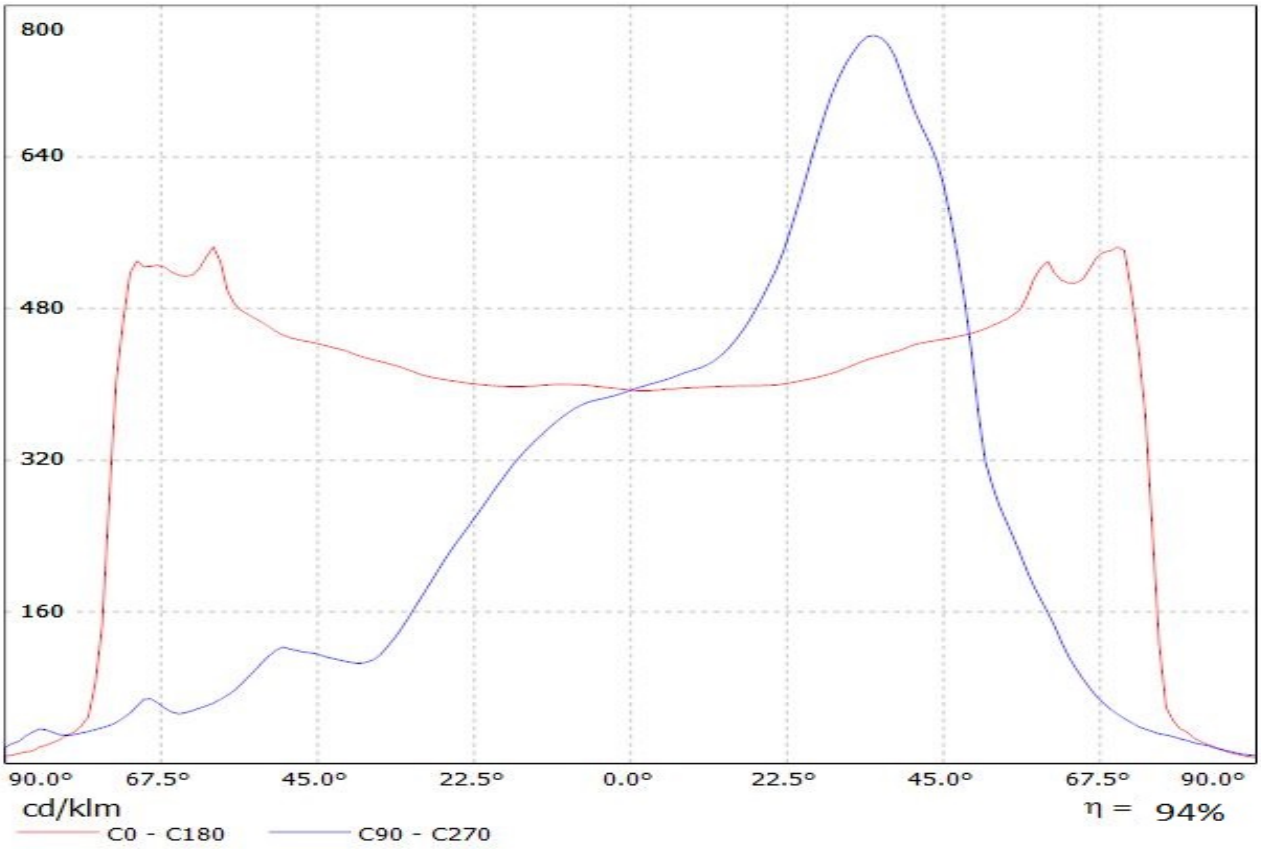
Luminaire: LEDiL Oy C14165_STRADA-2X2-ME-WIDE2_(Tridonic_Module_RLE_G1)
Lamps: 1 x Tridonic_Module_RLE_G1_4594.42lm@700mA_P=32.1515W_I=0.700A



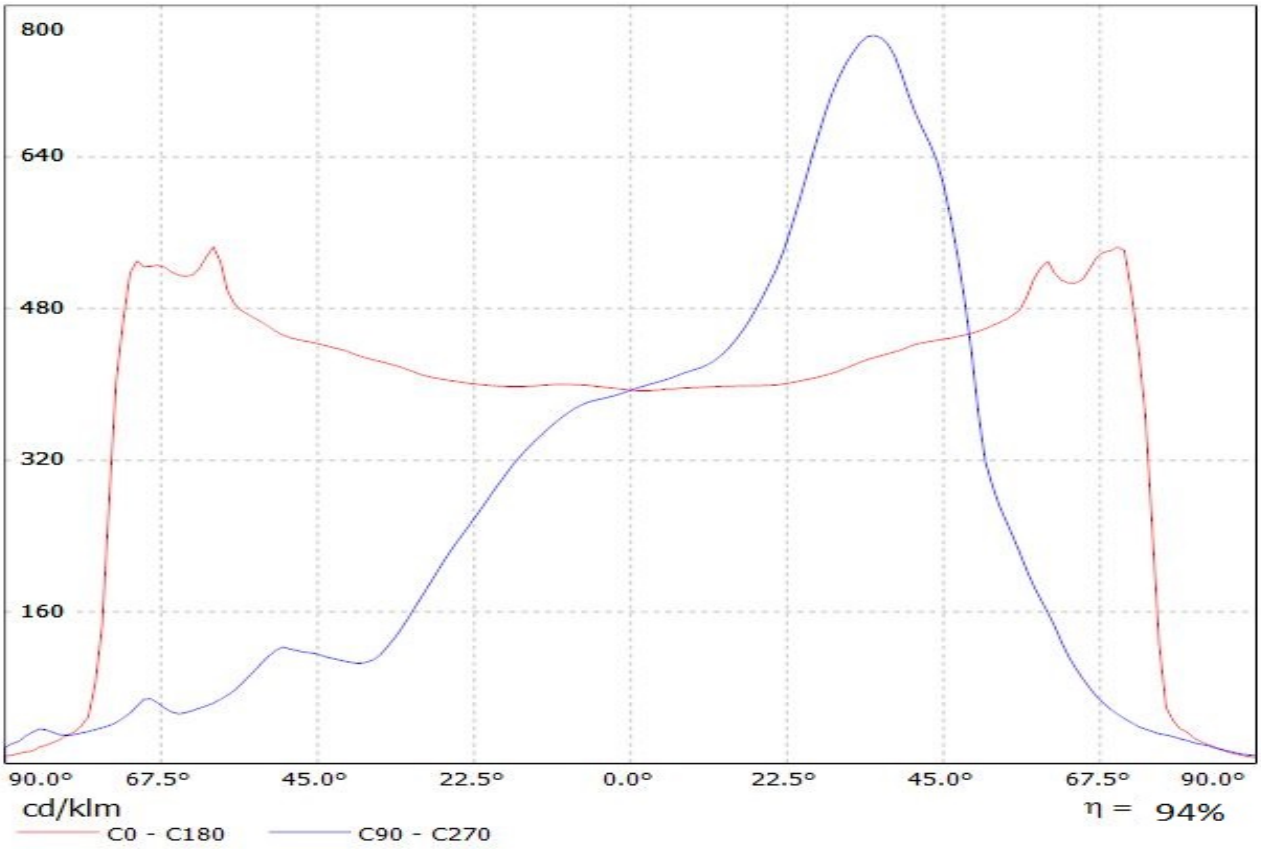
Luminaire: LEDiL Oy C14165_STRADA-2X2-ME-WIDE2_(Tridonic_Module_RLE_G1)
Lamps: 1 x Tridonic_Module_RLE_G1_4594.42lm@700mA_P=32.1515W_I=0.700A



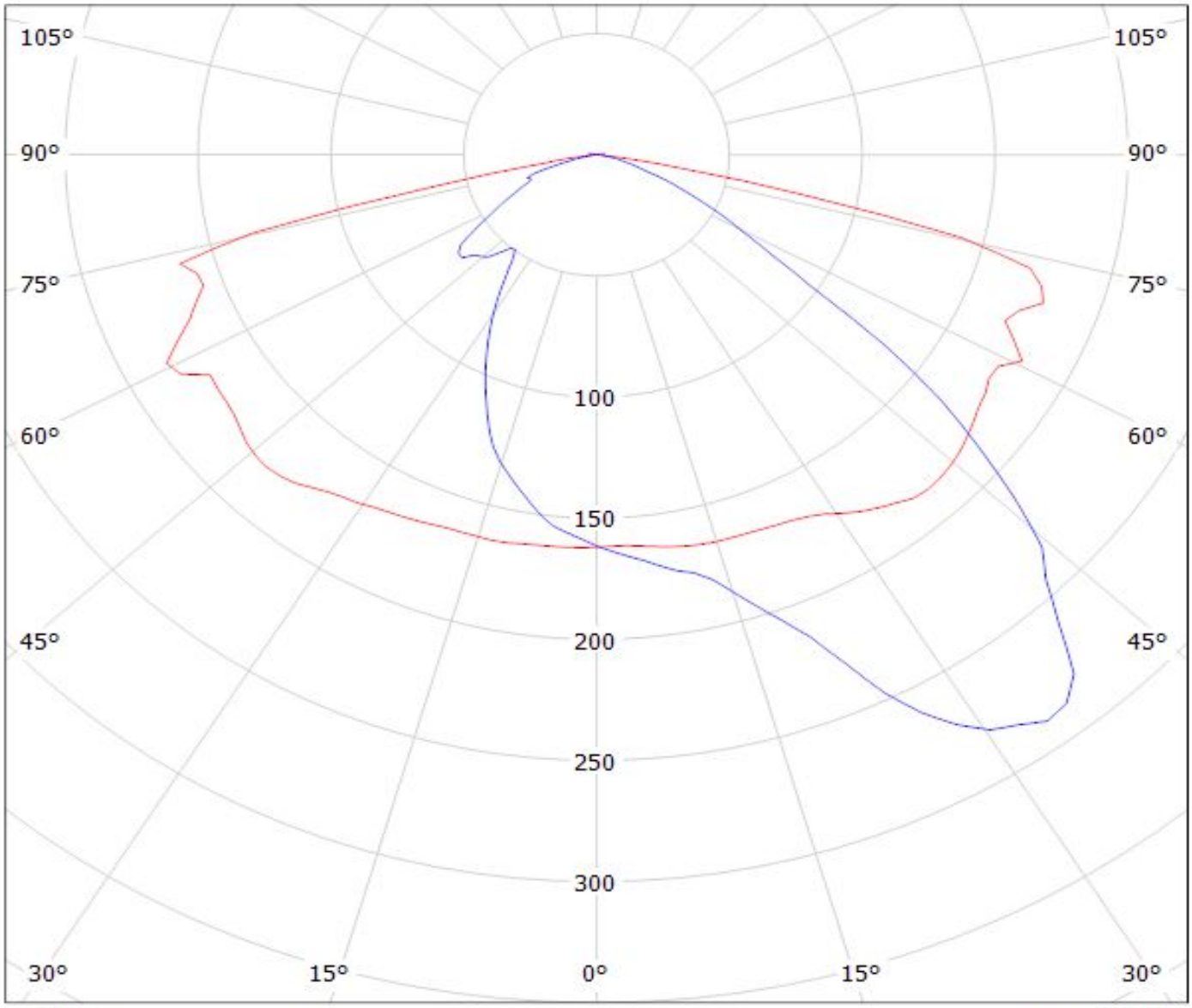
Luminaire: LEDiL Oy C14165_STRADA-2X2-ME-WIDE2_(Tridonic_Module_RLE_G1)
Lamps: 1 x Tridonic_Module_RLE_G1_2288lm@700mA_P=16W_I=0.700A



Luminaire: LEDiL Oy C14165_STRADA-2X2-ME-WIDE2_(Tridonic_Module_RLE_G1)
Lamps: 1 x Tridonic_Module_RLE_G1_2288lm@700mA_P=16W_I=0.700A



Luminaire: LEDiL Oy C14165_STRADA-2X2-ME-WIDE2_(XP-G2)
Lamps: 1 x CREE_XP-G2_2x2_(XPGBWT-L1-000-00G51)
_407.74lm@250mA_CCT=7181K_P=2.95432W_I=249.9mA

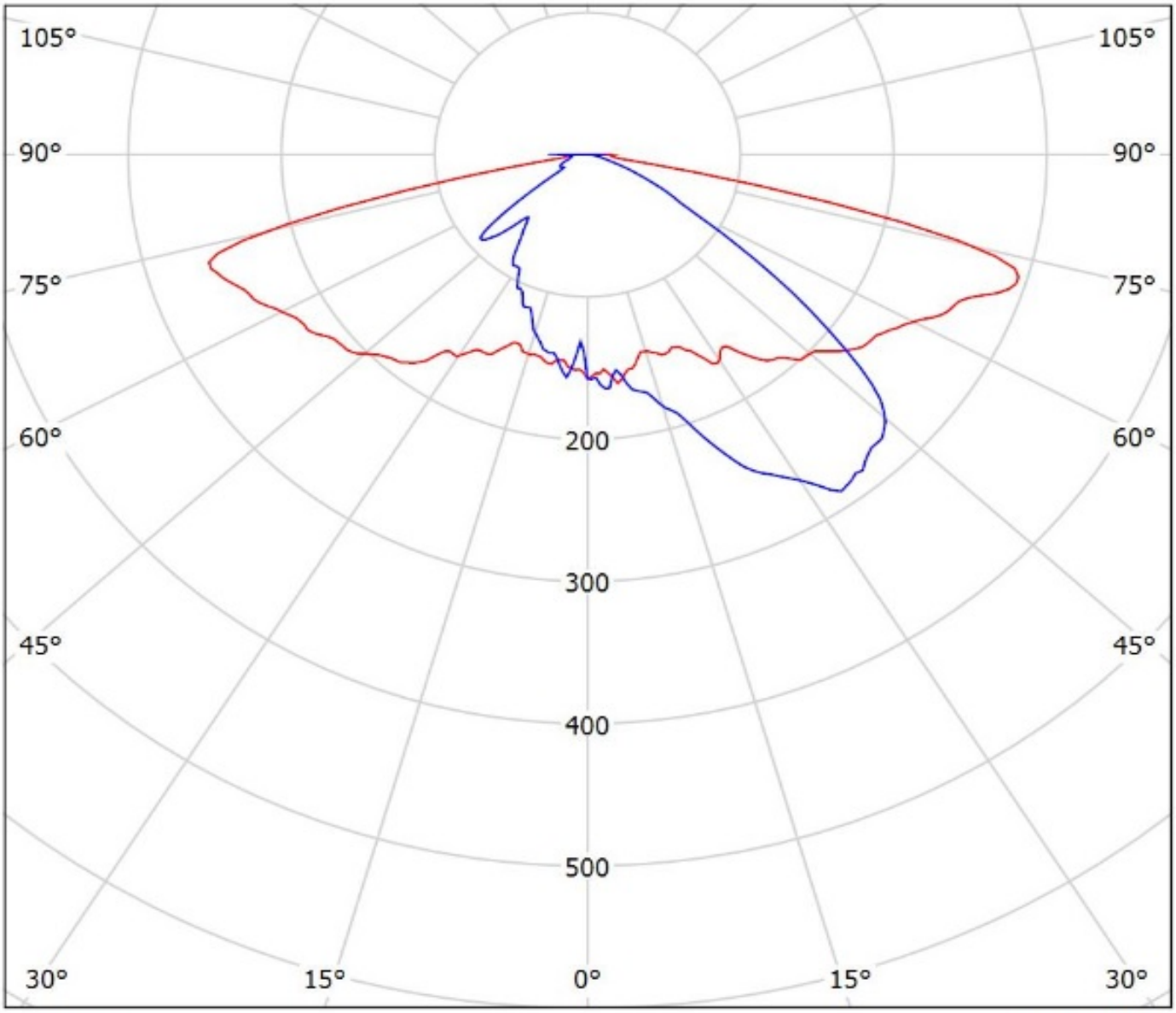


cd/klm

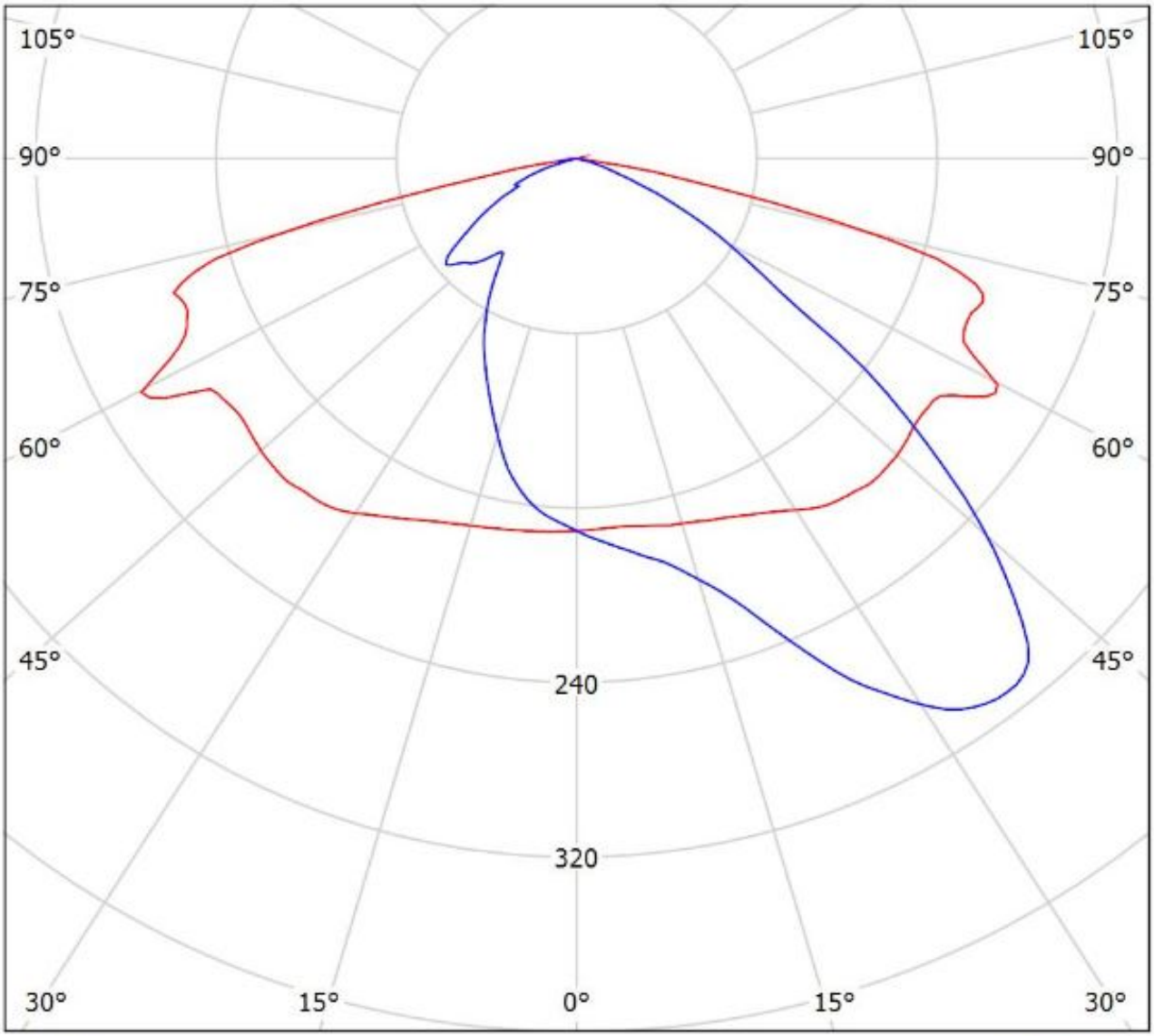
η = 79%

C0 - C180 C90 - C270

Luminaire: Ledil Oy C14165_STRADA-2X2-ME-WIDE2_(XP-L)_SIMULATED
Lamps: 1 x Cree XP-L

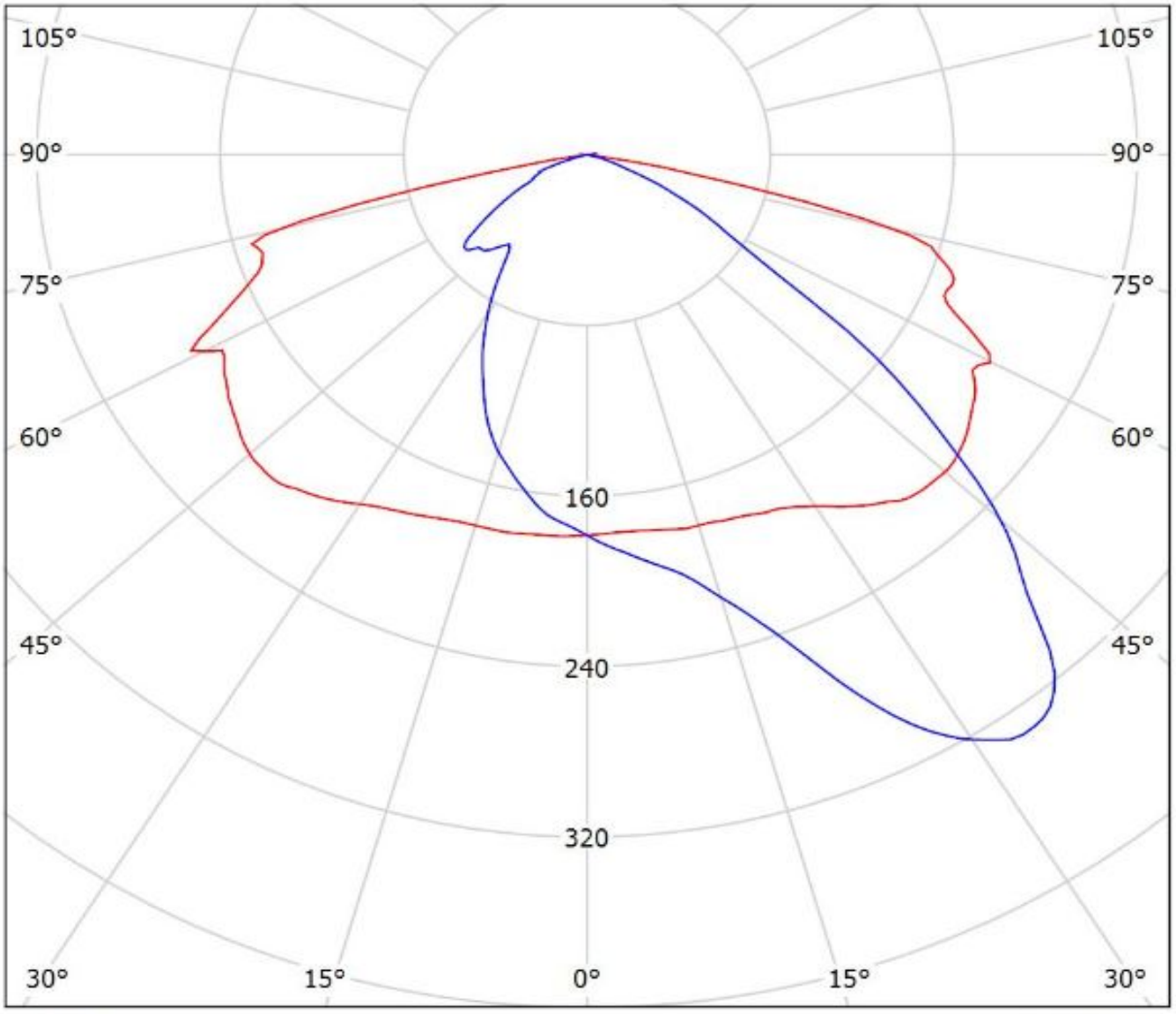


Luminaire: Ledil C14165_STRADA-2X2-ME-WIDE2_(XP-G3)_withglass
Lamps: 1 x Cree_XP-G3_2x2_(XPGDWT-B1-3C0-S4-0-01)_516.212lm@250mA_P=2.78875W_I=0.250A



cd/klm
η = 84%
C0 - C180
C90 - C270

Luminaire: Ledil C14165_STRADA-2X2-ME-WIDE2_(H35C1)_withglass
Lamps: 1 x LG_H35C1_2x2_477.216lm@250mA_P=2.87475W_I=0.250A

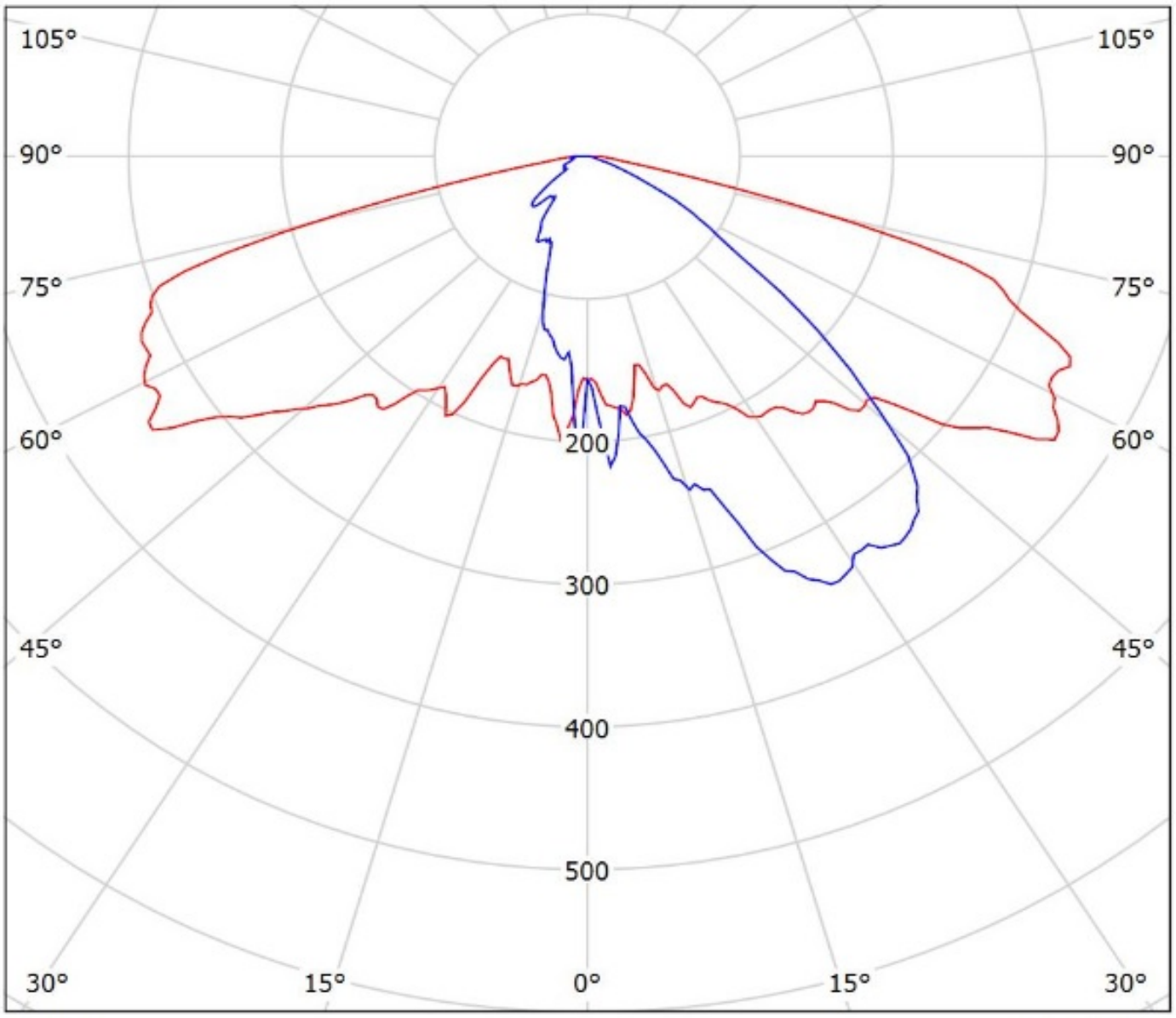


cd/klm

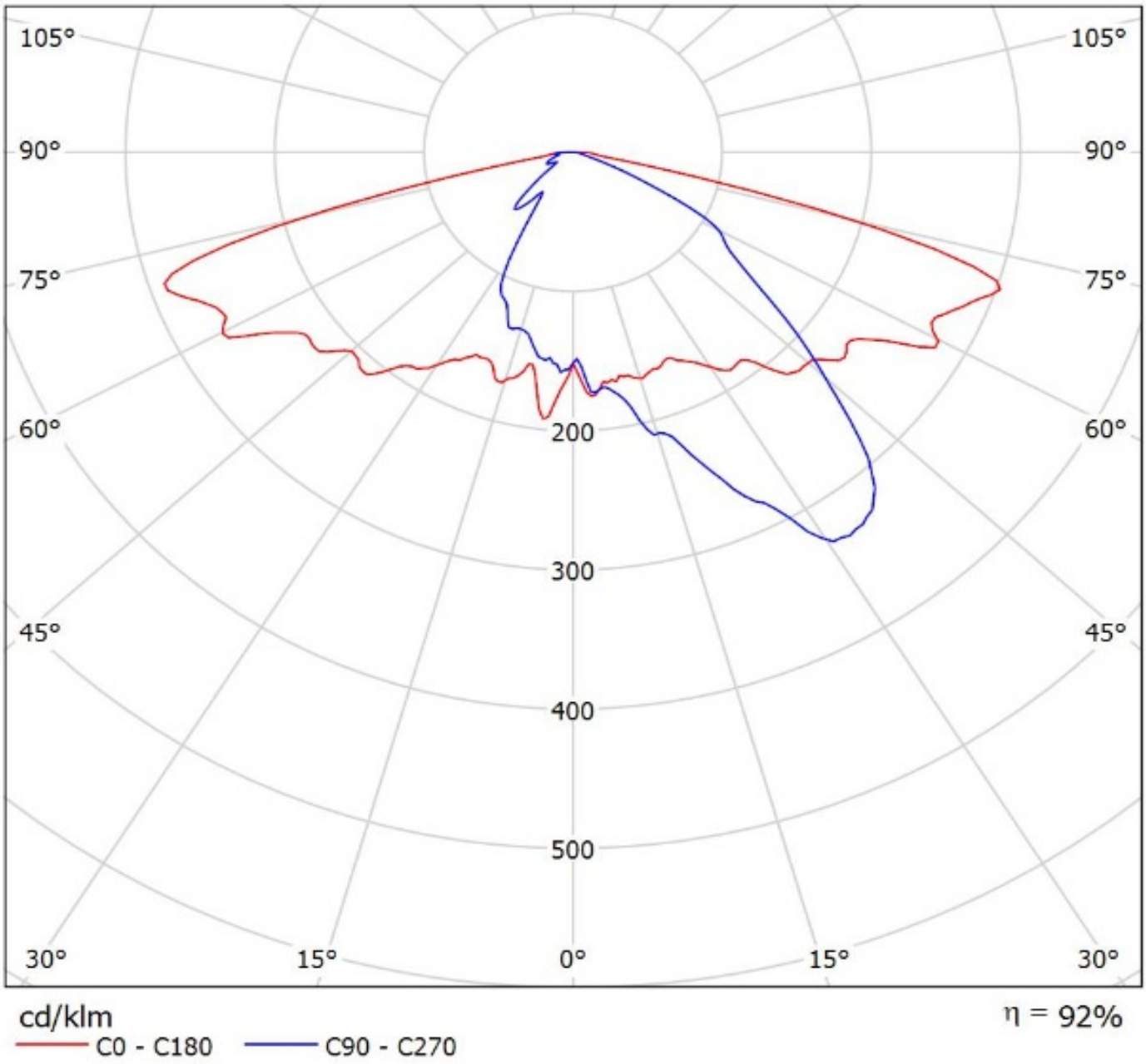
η = 84%

C0 - C180 C90 - C270

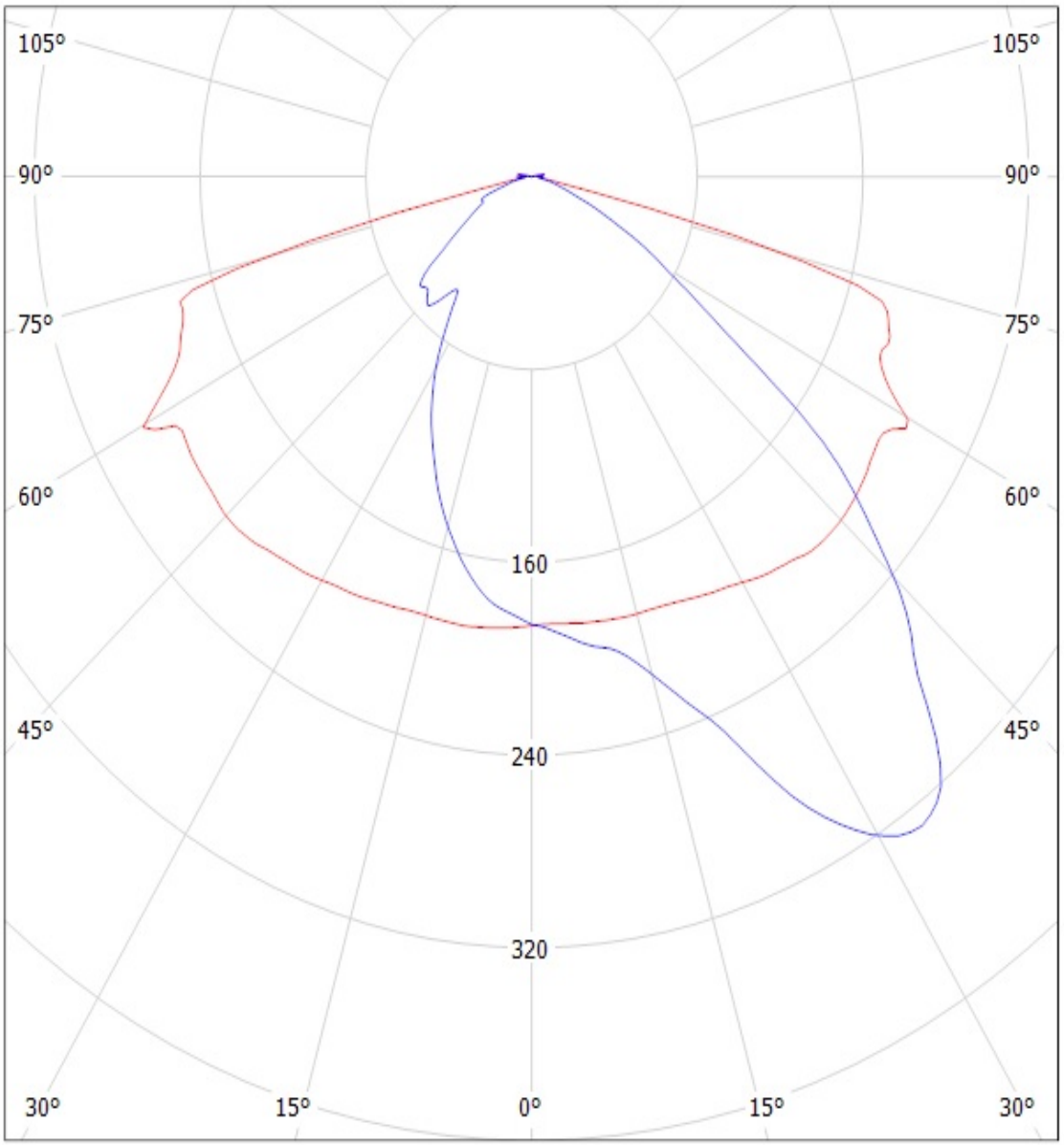
Luminaire: Ledil Oy C14165STRADA-2X2-ME-WIDE2_(Duris_S8_Gen2)_SIMULATED
Lamps: 1 x OSRAM_DURIS S8 GEN2 5050 package



Luminaire: Ledil Oy C14165_STRADA-2X2-ME-WIDE2_(Oslon_Square_Gen3)_SIMULATED
Lamps: 1 x Osram Oslon Square Gen3 (GW CSSRM2.PC)



Luminaire: LEDiL Oy C14165_STRADA-2X2-ME-WIDE2_(Fortimo_F-Flex_2x8_740DAG3)_glass
Lamps: 1 x Philips_Fortimo_FastFlex_LED_board_2x8_740_DA_G3_(Glass_chassis)_1774.78lm@250mA_P=11.5852W_I=0.2498A

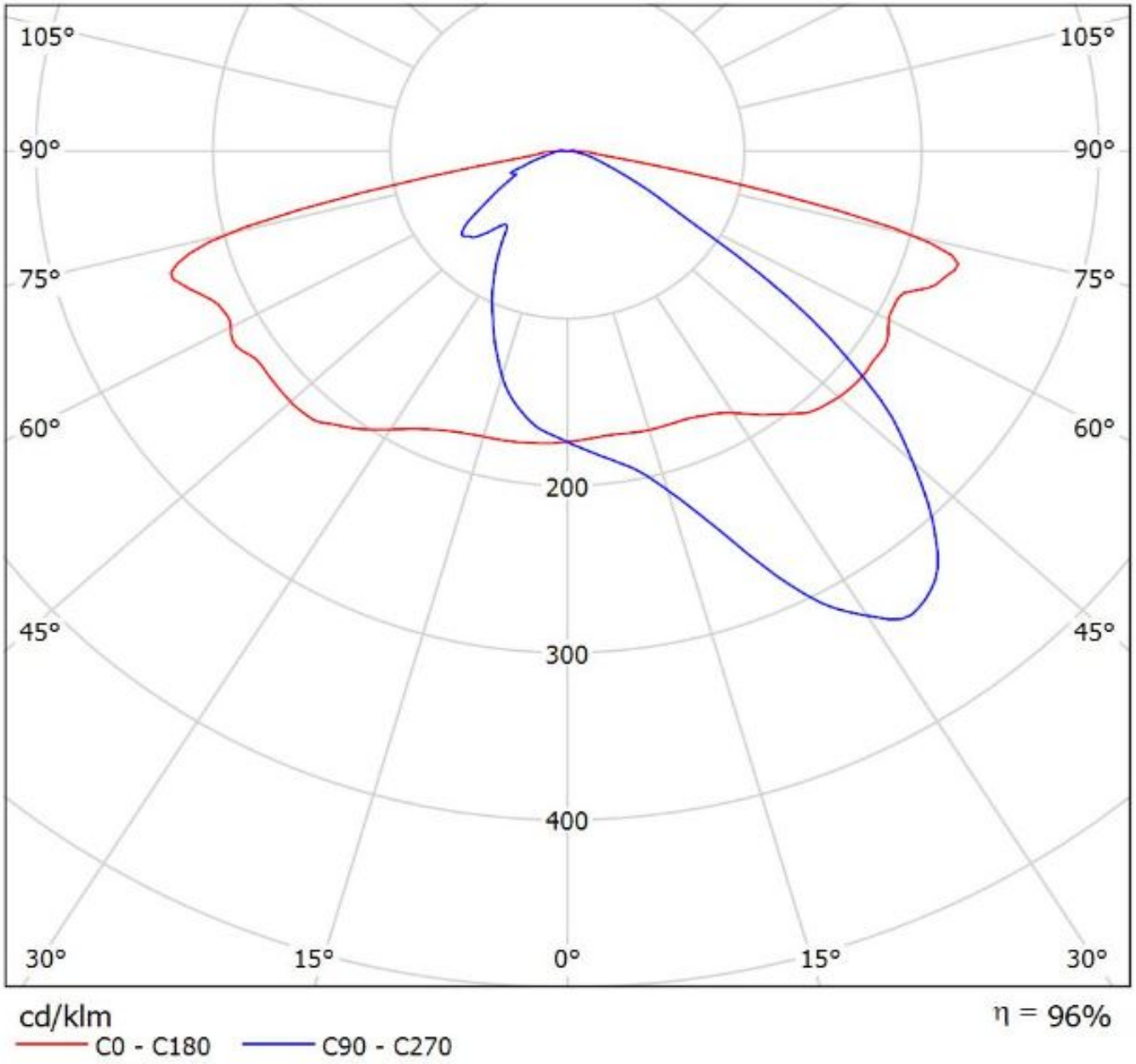


cd/klm

η = 86%

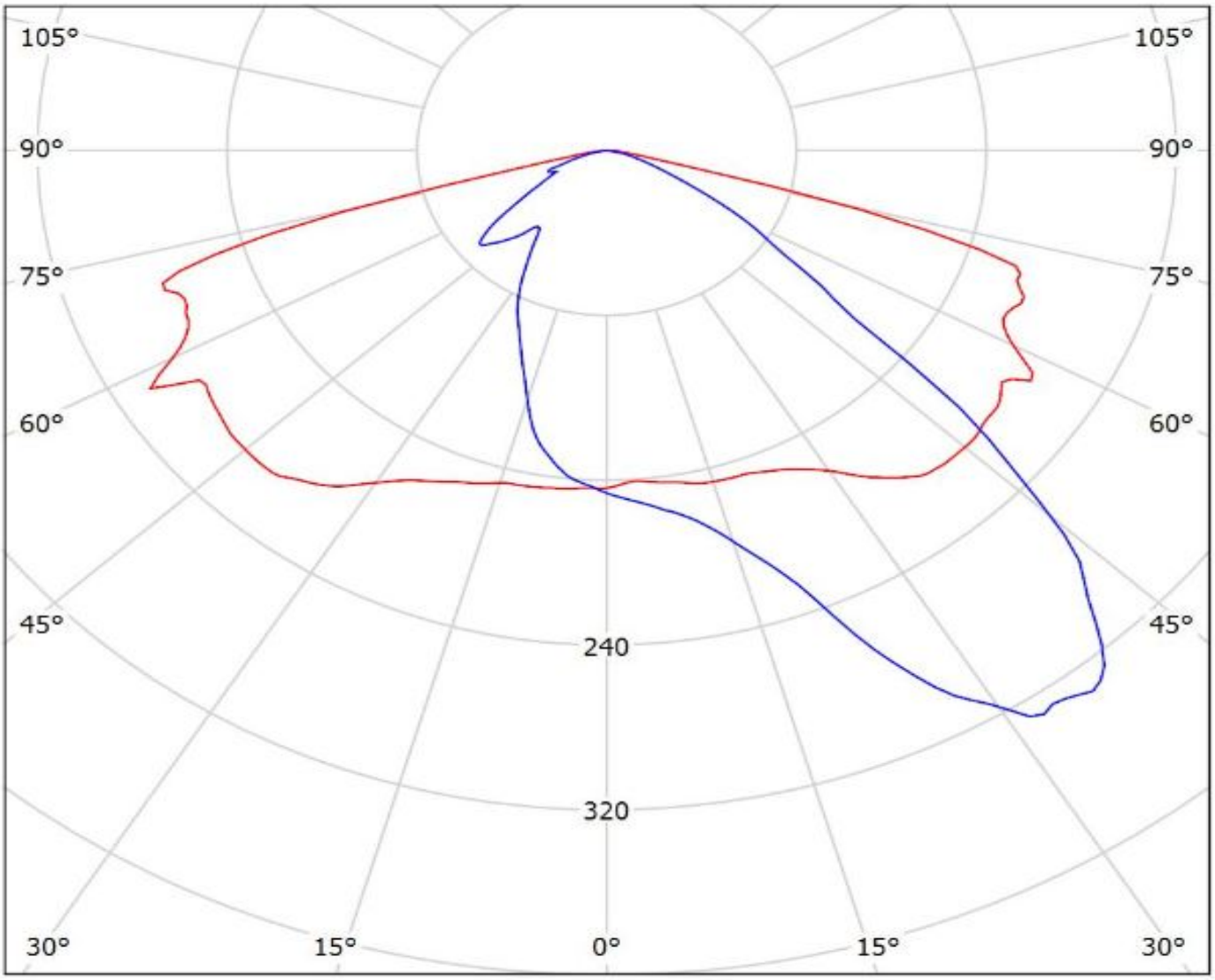
C0 - C180 C90 - C270

Luminaire: Ledil C14165_STRADA-2X2-ME-WIDE2_(LH351B)
Lamps: 1 x Samsung_LH351B_2x2_442.633lm@250mA_P=2.851W_I=0.25A



Ledil C14165_STRADA-2X2-ME-WIDE2_(TL1L4)_glass / LDC (Polar)

Luminaire: Ledil C14165_STRADA-2X2-ME-WIDE2_(TL1L4)_glass
Lamps: 1 x Toshiba_TL1L4_2x2_(TL1L4-DW0)_444.089lm@250mA_CCT=6500K_P=2.9W_I=0.25A

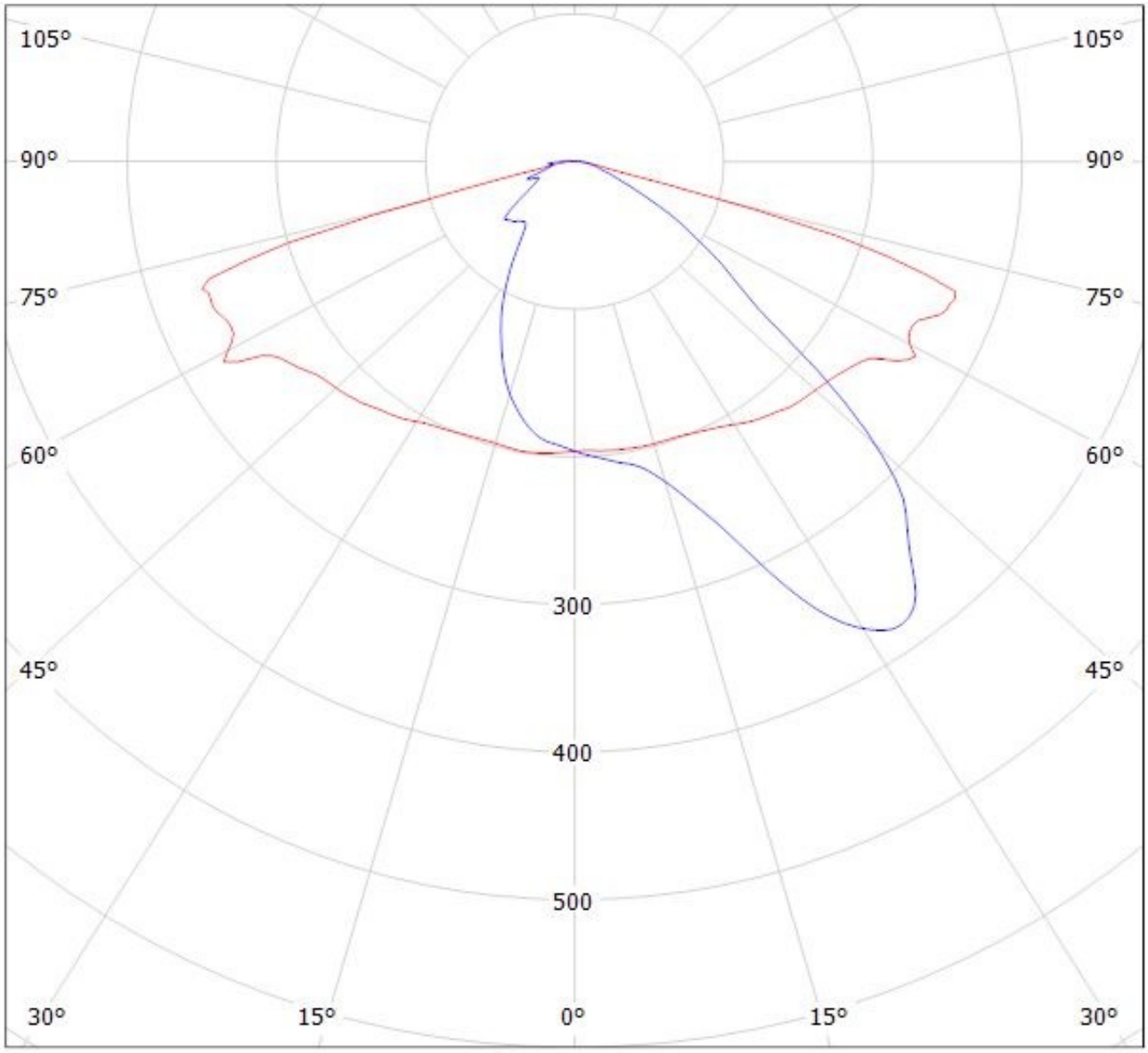


cd/klm

η = 81%

C0 - C180 C90 - C270

Luminaire: LEDiL Oy C14165_STRADA-2X2-ME-WIDE2_(Tridonic_Module_RLE_G1)
Lamps: 1 x Tridonic_Module_RLE_G1_4594.42lm@700mA_P=32.1515W_I=0.700A

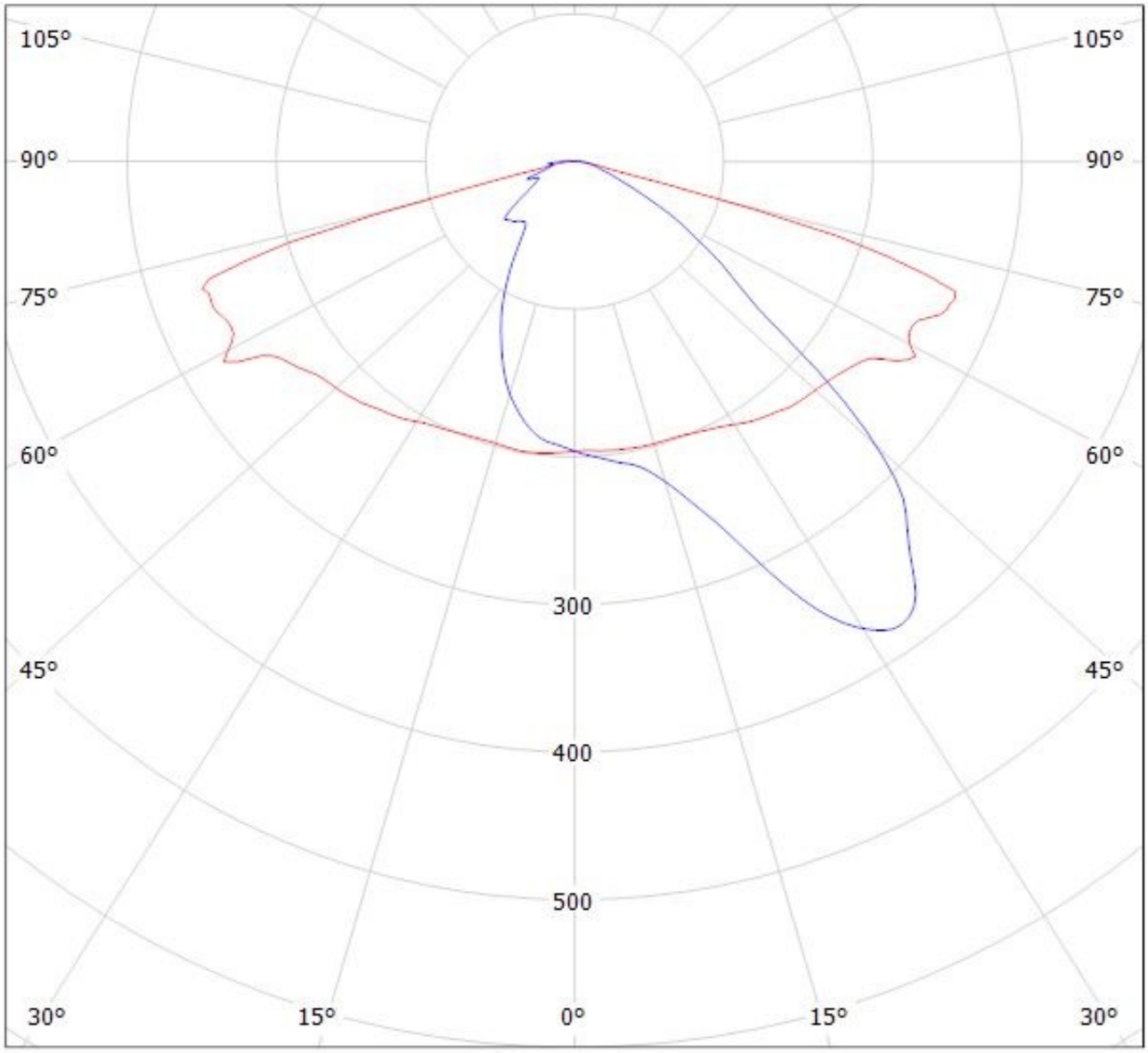


cd/klm

η = 94%

C0 - C180 C90 - C270

Luminaire: LEDiL Oy C14165_STRADA-2X2-ME-WIDE2_(Tridonic_Module_RLE_G1)
Lamps: 1 x Tridonic_Module_RLE_G1_4594.42lm@700mA_P=32.1515W_I=0.700A

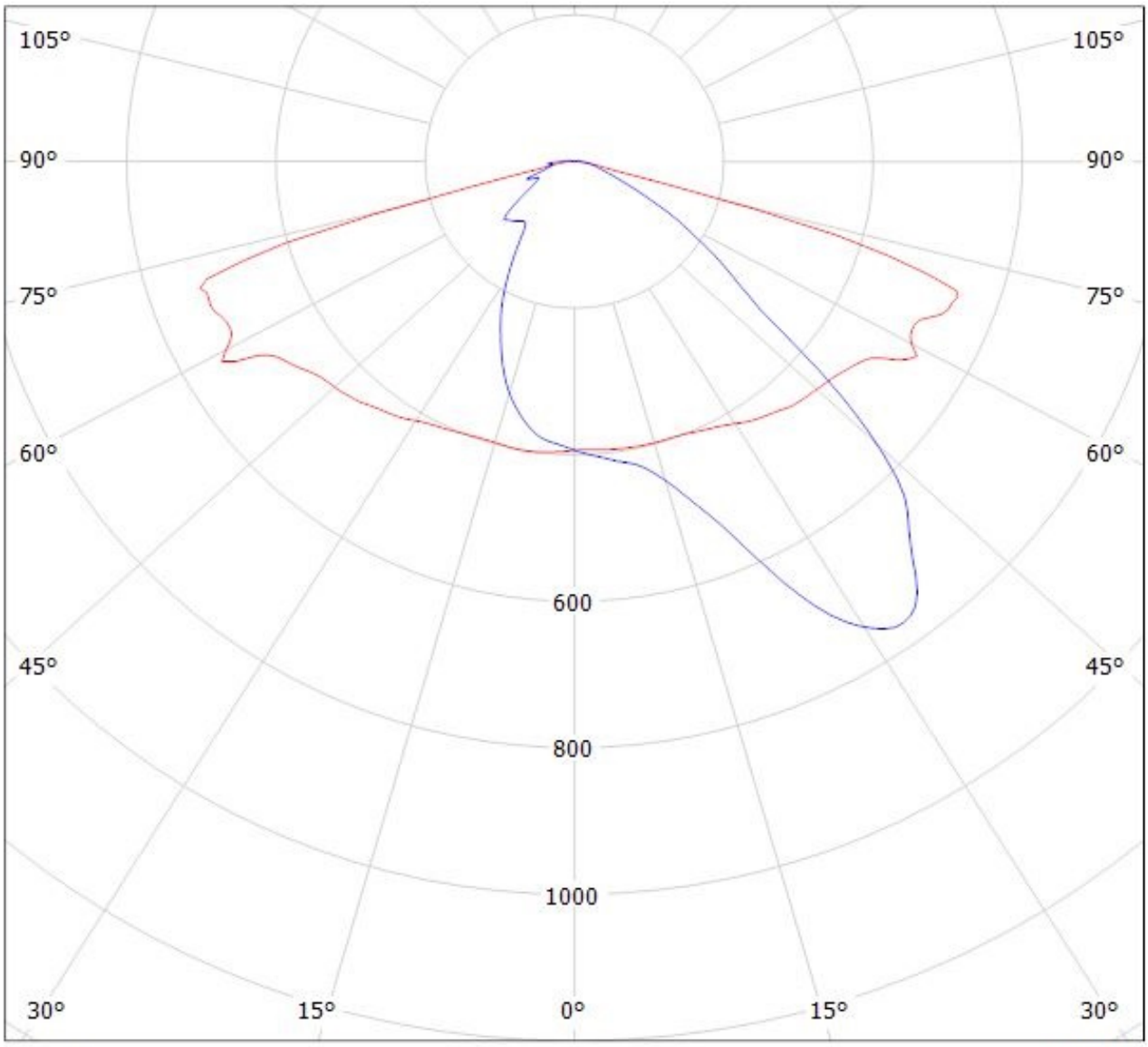


cd/klm

η = 94%

C0 - C180 C90 - C270

Luminaire: LEDiL Oy C14165_STRADA-2X2-ME-WIDE2_(Tridonic_Module_RLE_G1)
Lamps: 1 x Tridonic_Module_RLE_G1_2288lm@700mA_P=16W_I=0.700A

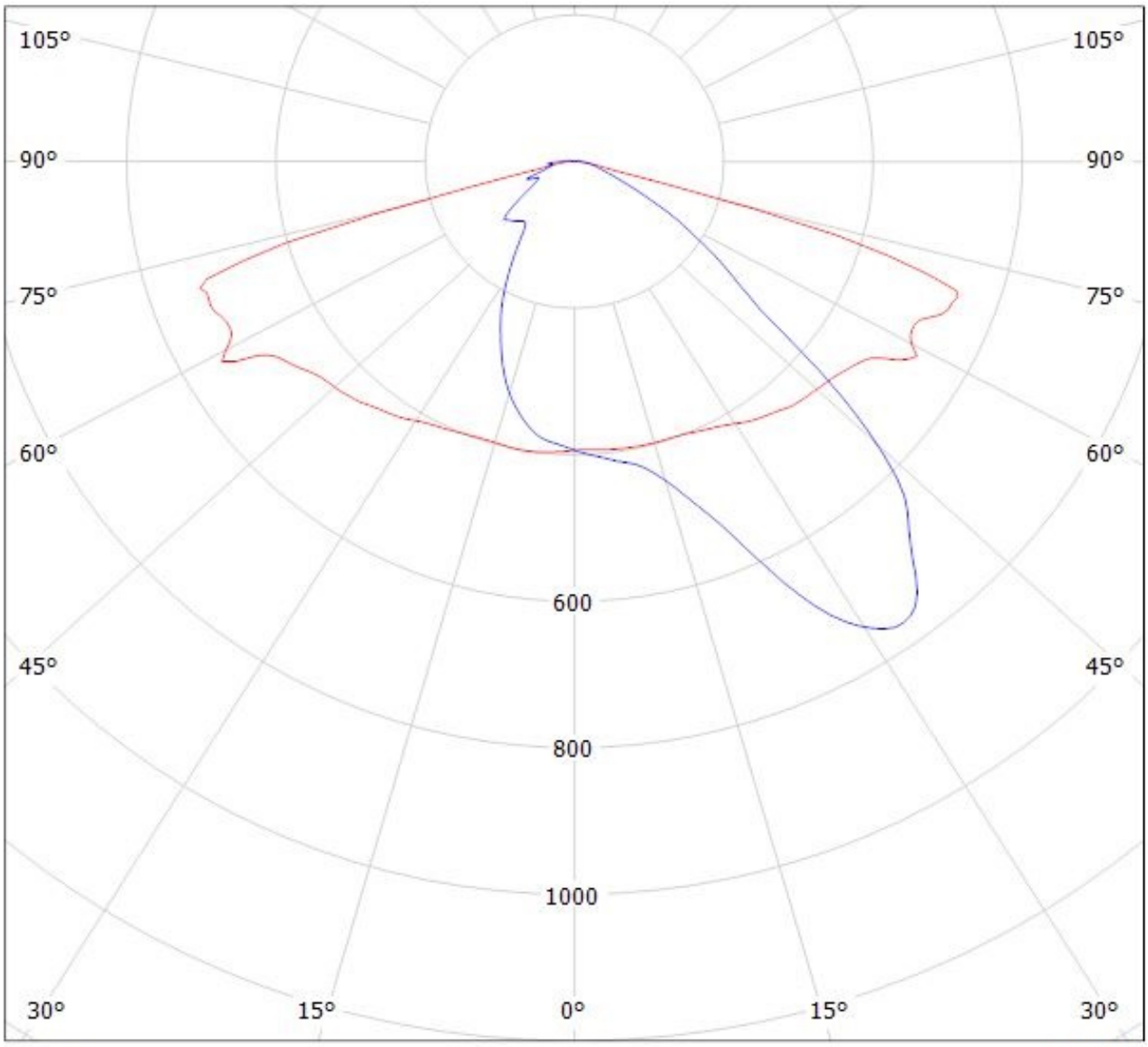


cd/klm

η = 94%

C0 - C180 C90 - C270

Luminaire: LEDiL Oy C14165_STRADA-2X2-ME-WIDE2_(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.