

DETAILS

Product Number	CA13119_STRADA-SQ-A-T
Family	Strada
Type	Assembly
Color	clear
Diameter	25 + 25 mm
Height	9,1 mm
Style	square
Optic Material	PMMA
Holder Material	
Fastening	pin, tape, screw
Status	production ready
ROHS Compliant	Yes
Date Updated	21/09/2016

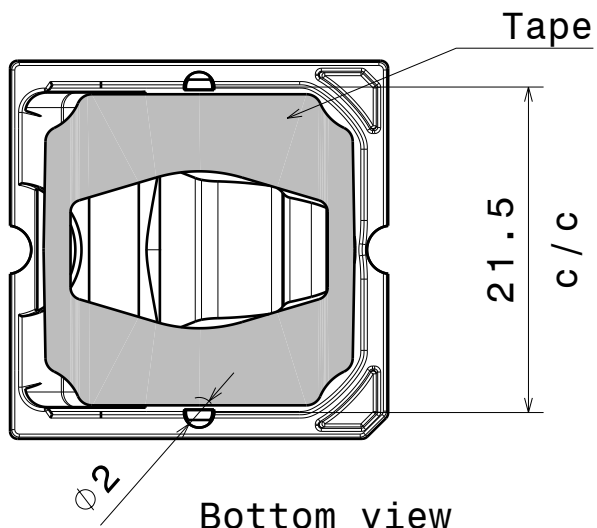
OPTICAL PROPERTIES

LED	Viewing Angle	Light Beam	Efficiency	cd/lm	Connector
XM-L	Asymmetric deg	Streetligh...	93 %	0.300	-
XM-L2	asymmetric deg	Streetligh...	94 %	0.700	-
XP-L	Asymmetric deg	Streetligh...	93 %	0.700	-
XHP50	Asymmetric deg	Streetligh...	94 %	0.580	-
XP-L2	Asymmetric deg	Streetligh...	93 %	0.640	-
LUXEON M/MX	Asymmetric deg	Streetligh...	93 %	0.300	-
LUXEON T	Asymmetric deg	Streetligh...	92 %	0.900	-
LUXEON MZ	asymmetric deg	Streetligh...	93 %	0.800	-
LUXEON TX	Asymmetric deg	Streetligh...	94 %	0.880	-
LUXEON XR-M linear 1x3, 1x4, 1x5	Asymmetric deg	Streetligh...	94 %	0.540	-
NS9x383	Asymmetric deg	Streetligh...	92 %	0.700	-
NV4x144A	Asymmetric deg	Streetligh...	93 %	0.580	-
NVSxx19B/NVSxx19C	sim: Asym	Streetligh...	sim: 90 %	-	-
Duris S10	Asymmetric deg	Streetligh...	93 %	0.580	-

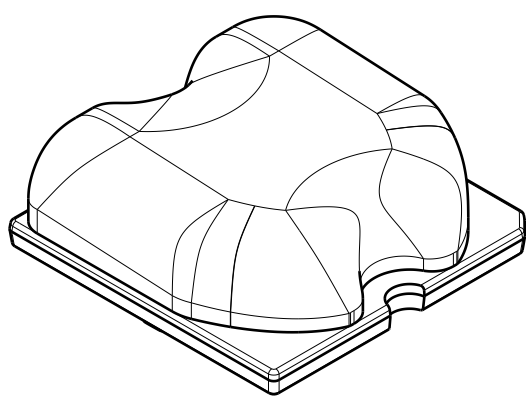


D C B A

4

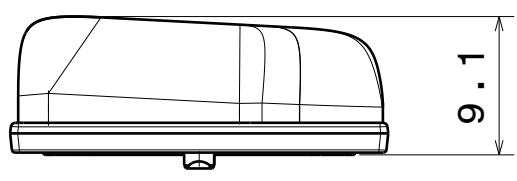


Bottom view

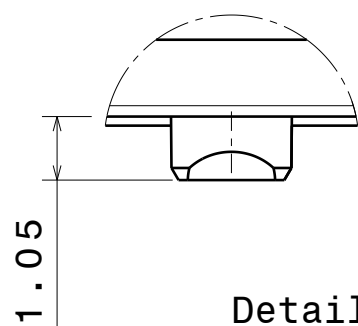


Isometric view

3

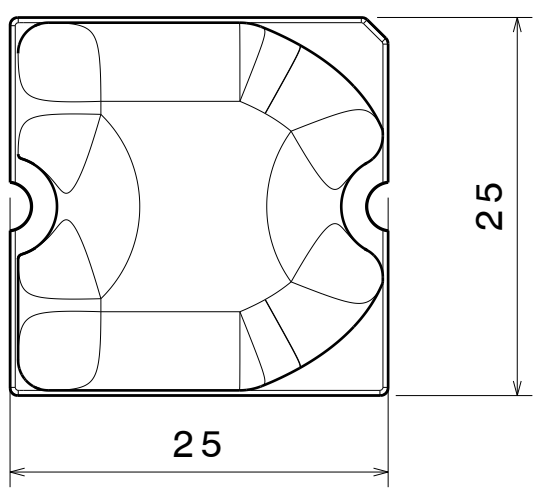


Front view



Detail A

2



Top view

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

Control for SPC marked dimensions.

4

3

2

This drawing is our property.
It can't be reproduced
or communicated without
our written agreement.

LEDIL Ledil Oy
Salorankatu 10
FIN 24240 SALO
Finland

DRAWING TITLE Mechanical drawing

DRAWN BY
as

DATE
25.9.2012

STRADA-SQ-A-T

CHECKED BY
VS

DATE
-

SIZE
A4

PART NUMBER

REV
001

DESIGNED BY
-

DATE
-

SCALE 2:1

WEIGHT 4,80 g

SHEET

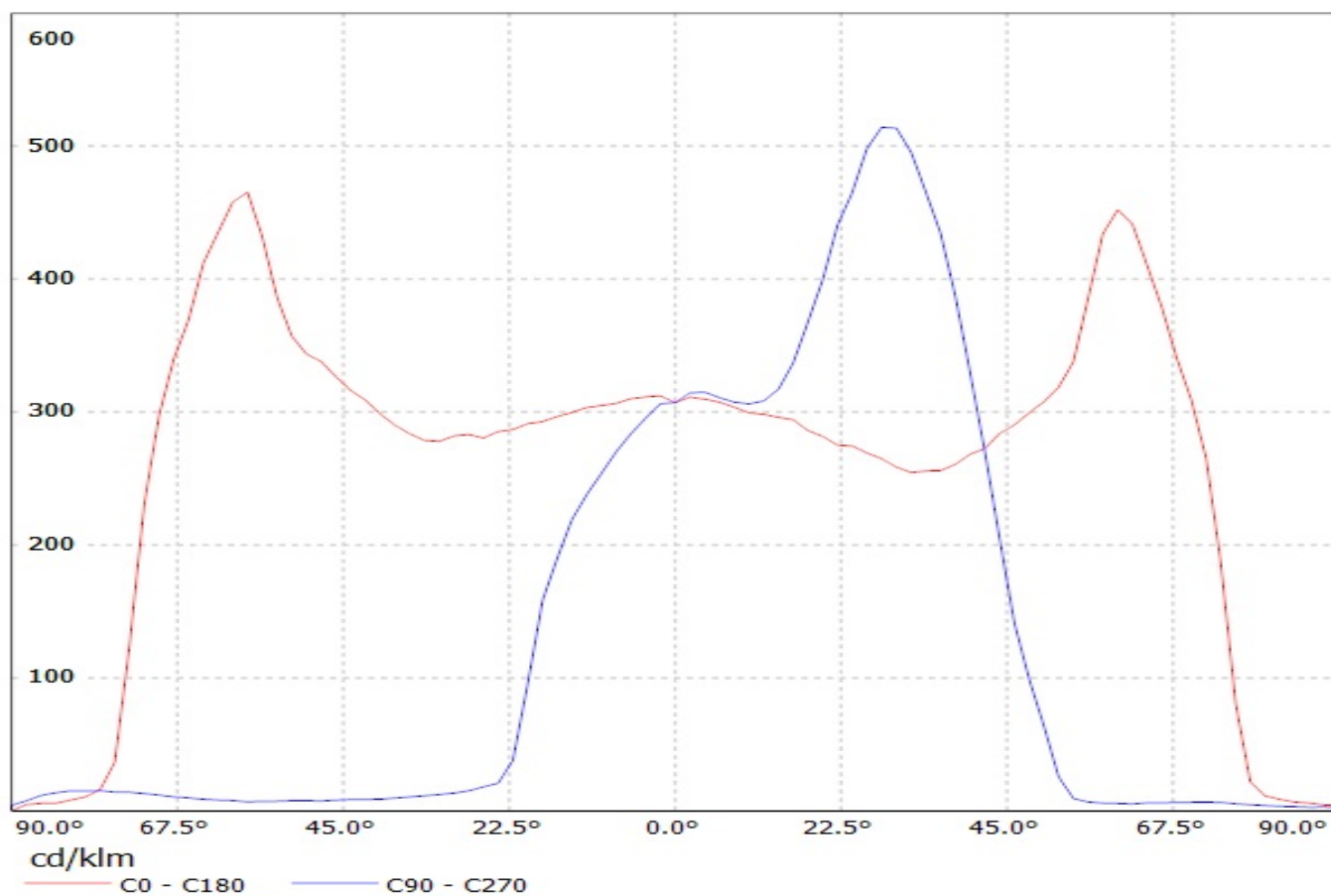
1/1

1

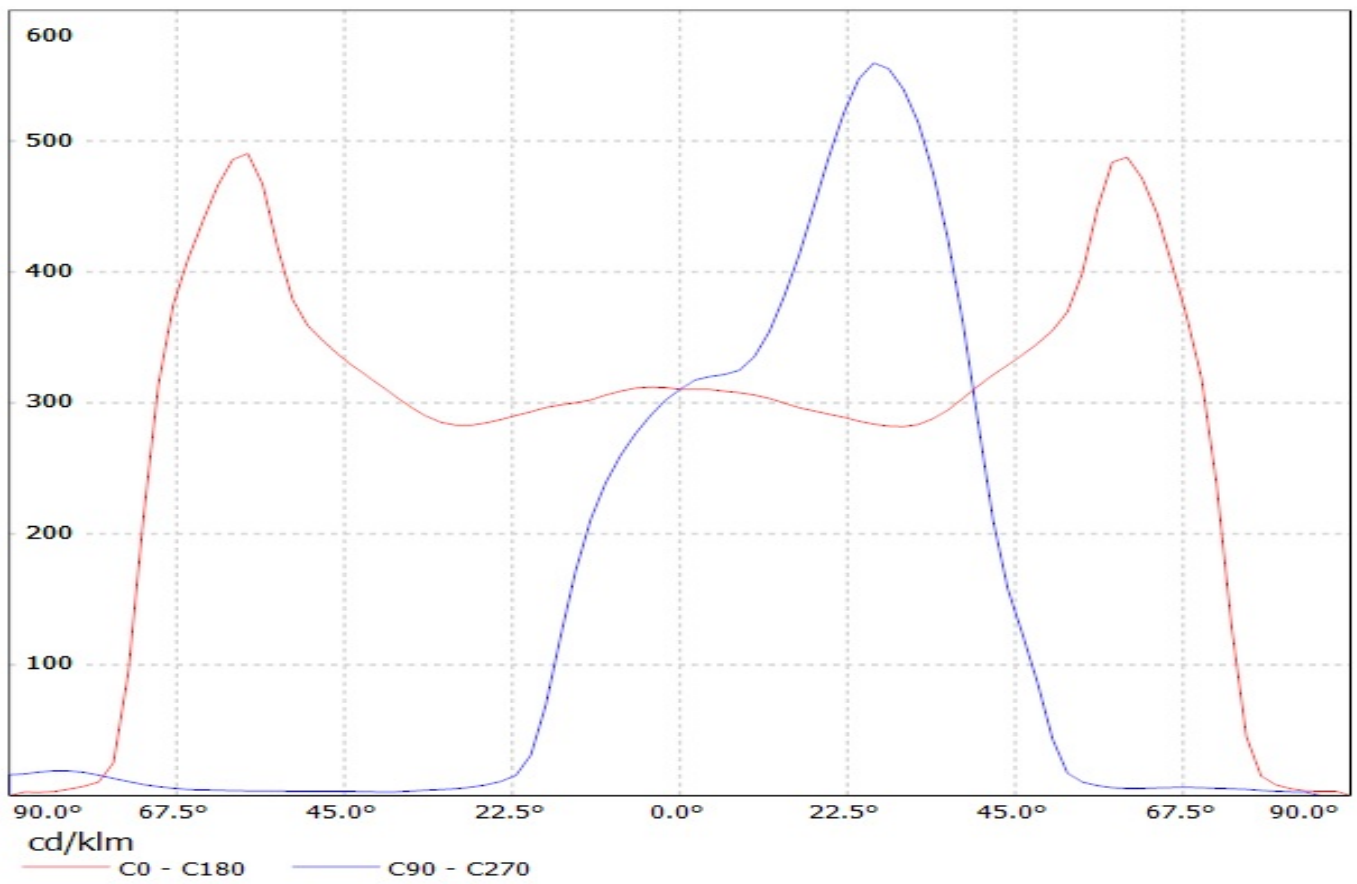
1

D A

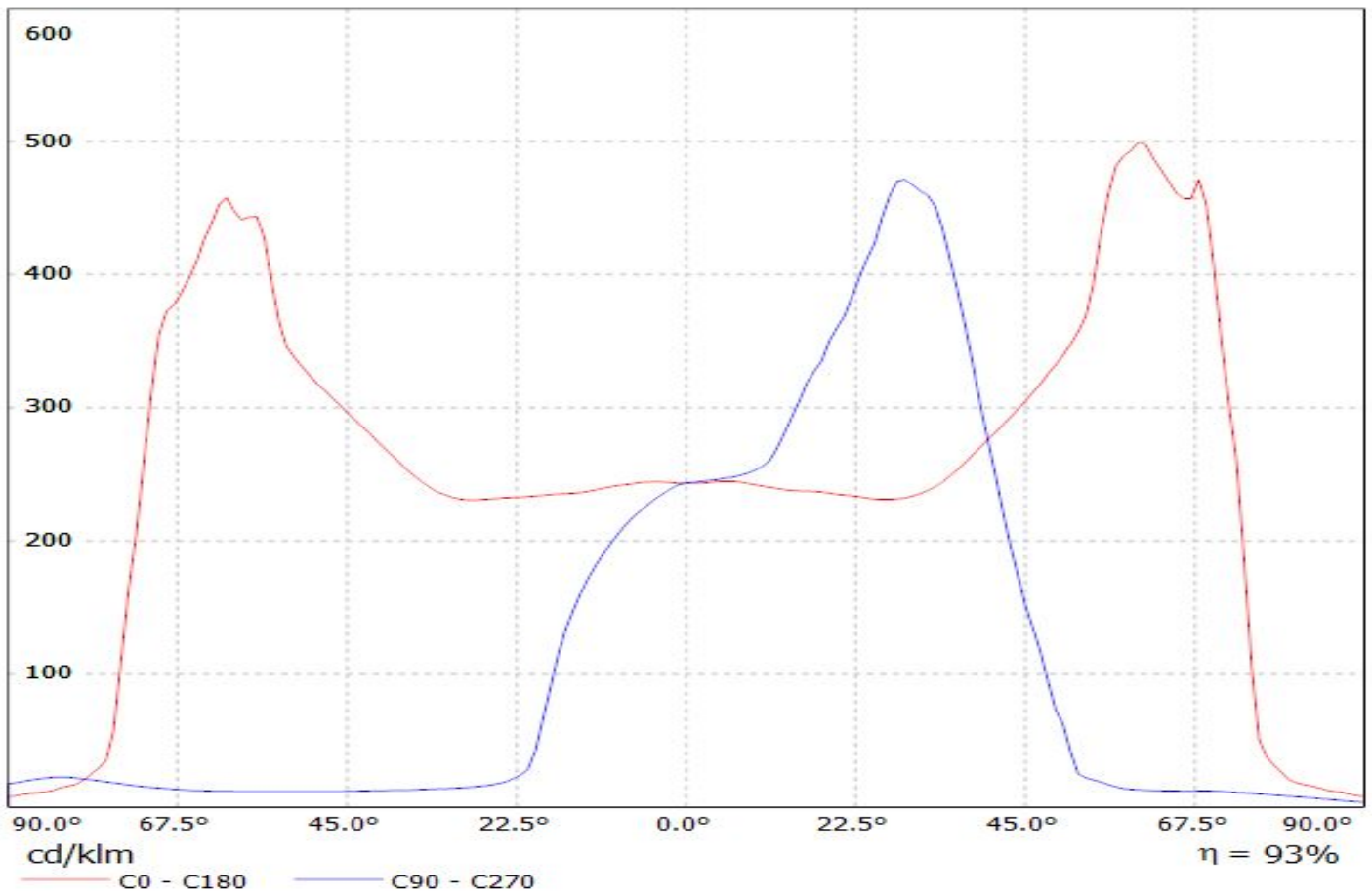
Luminaire: LEDiL Oy C13118_&_CA13119_STRADA-SQ-A-T-XML (Cree XM-L 84lm@250mA) Efficiency=93%
Lamps: 1 x Cree XM-L (84lm@250mA)



Luminaire: LEDil Oy CA13119_STRADA-SQ-A-T_(XM-L2) Efficiency=94%
Lamps: 1 x Cree XM-L2 (XMLBWT-0-7B4-T30-0L-0001) 91lm @ 250mA CCT=3200K P=2.8W I=250mA

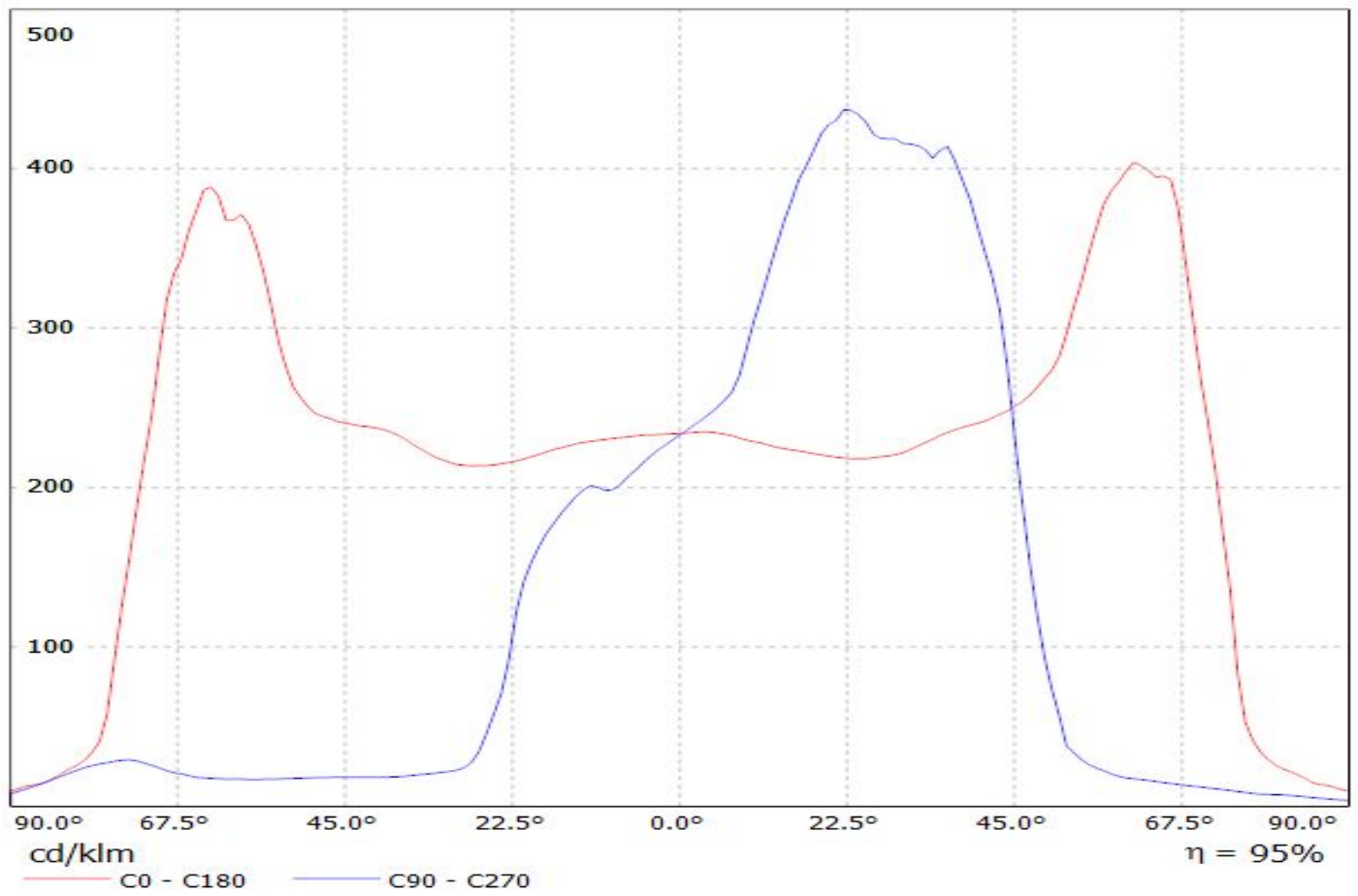


Luminaire: LEDiL Oy CA13119_STRADA-SQ-A-T_(XP-L)
Lamps: 1 x Cree_XP-L_125.584lm@250mA_P=0.738255W_I=249.9mA



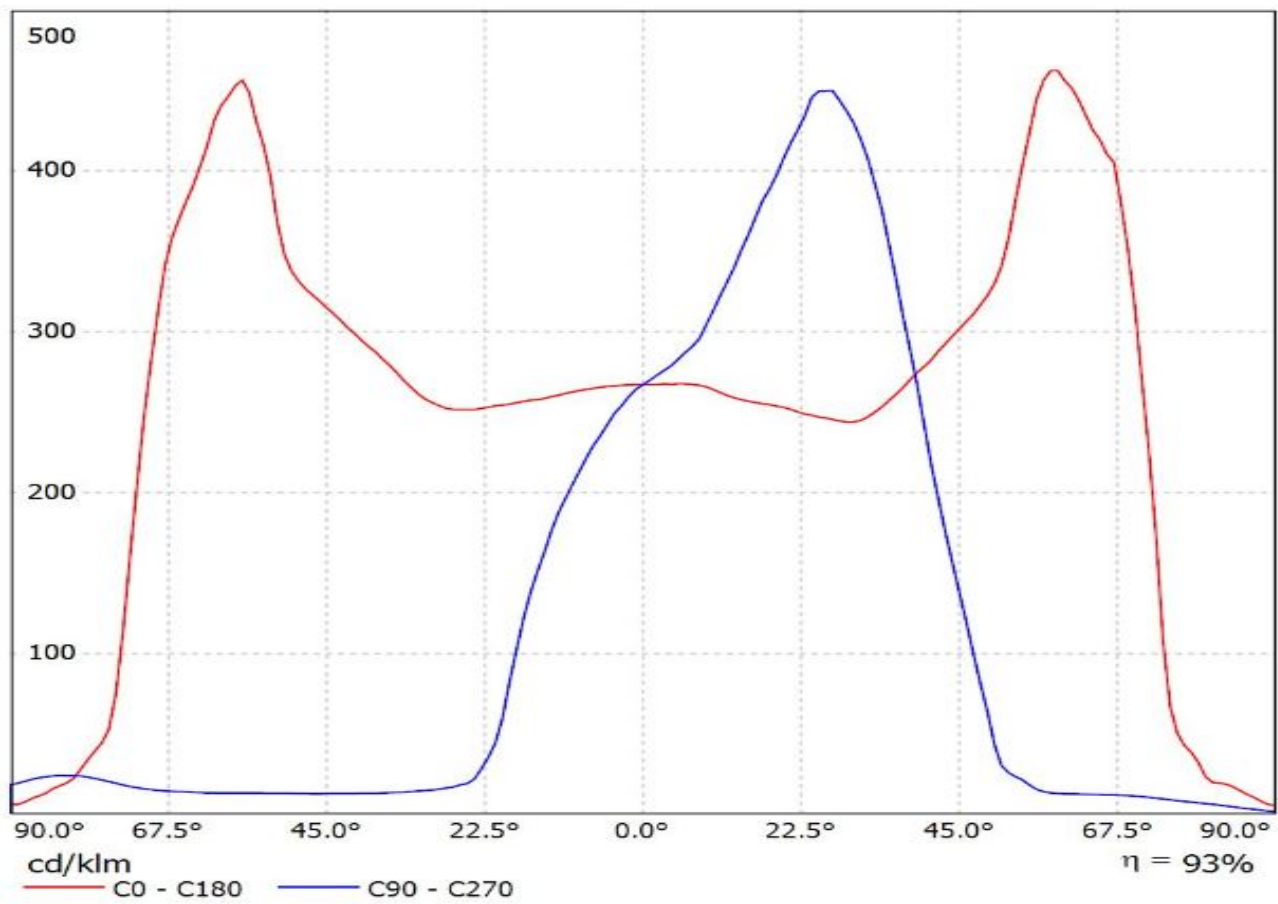
Luminaire: LEDiL Oy CA13119_STRADA-SQ-A-T_(XHP50_cool_white)

Lamps: 1 x CREE_XHP50_cool_white_246.221lm@250mA_P=1.42945W_I=249.9mA

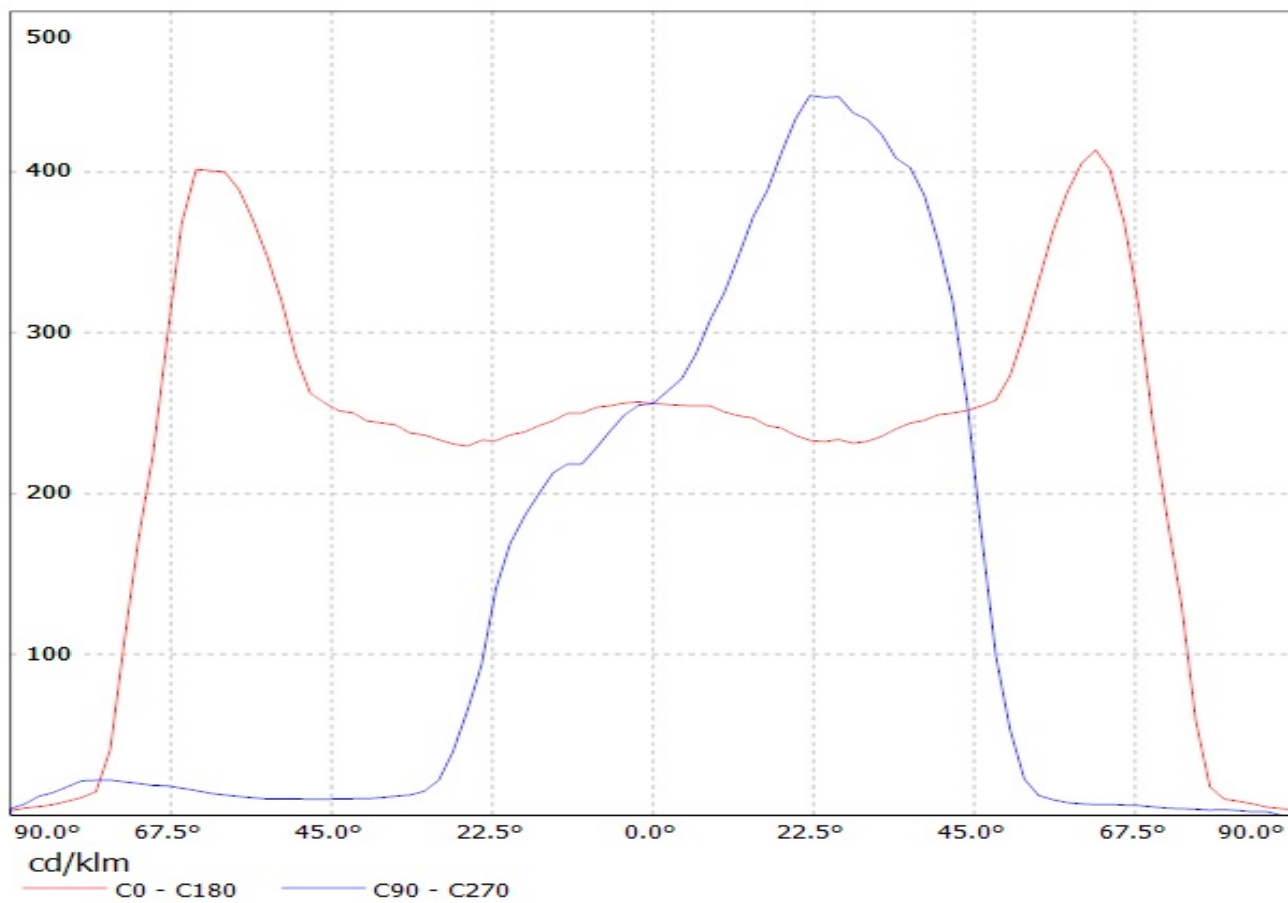


Luminaire: Ledil CA13119_STRADA-SQ-A-T (XP-L2)

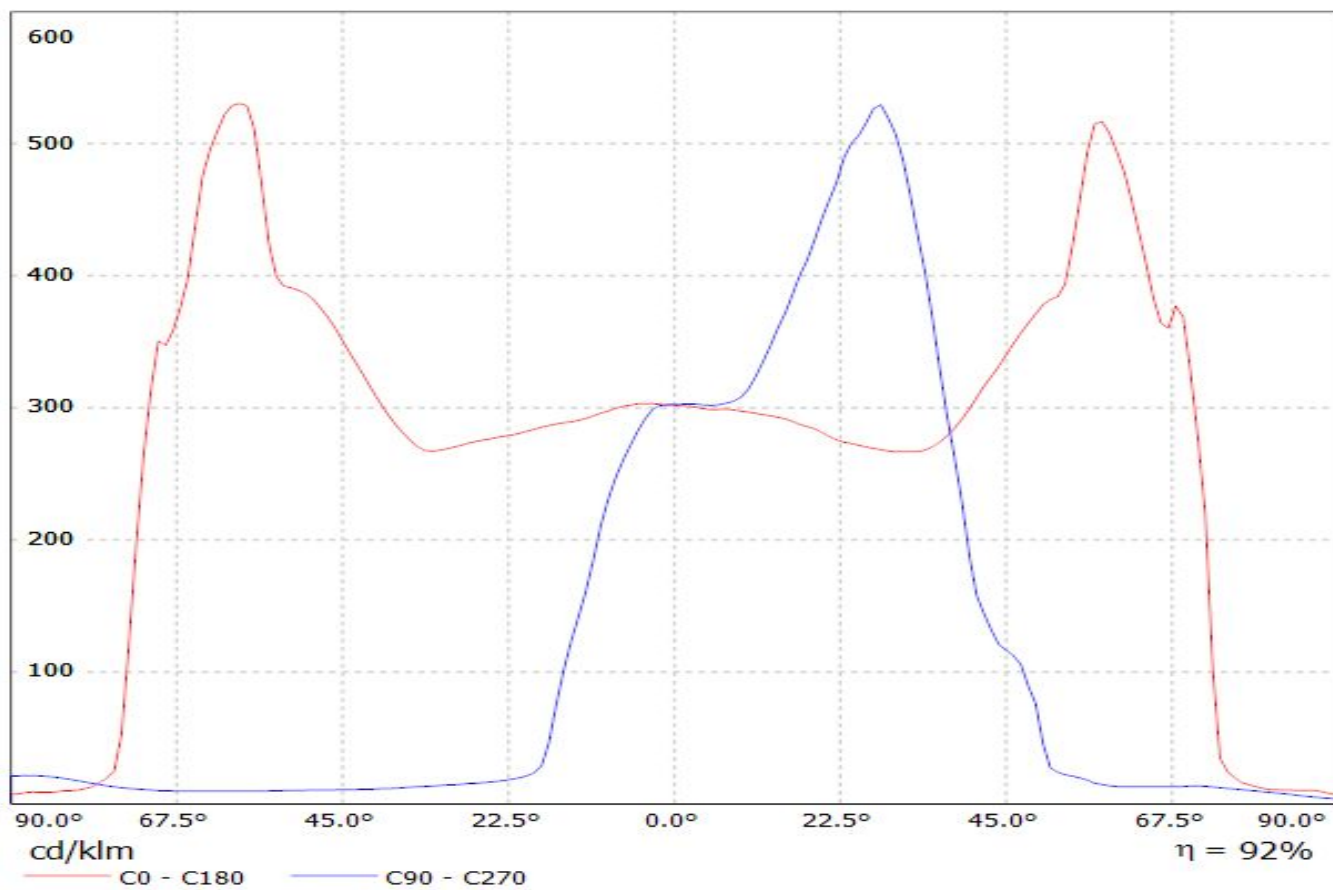
Lamps: 1 x Cree_XP-L2_(XPLWT-00-0000-000HU630G)_115.868lm@250mA_P=0.717875W_I=0.25A



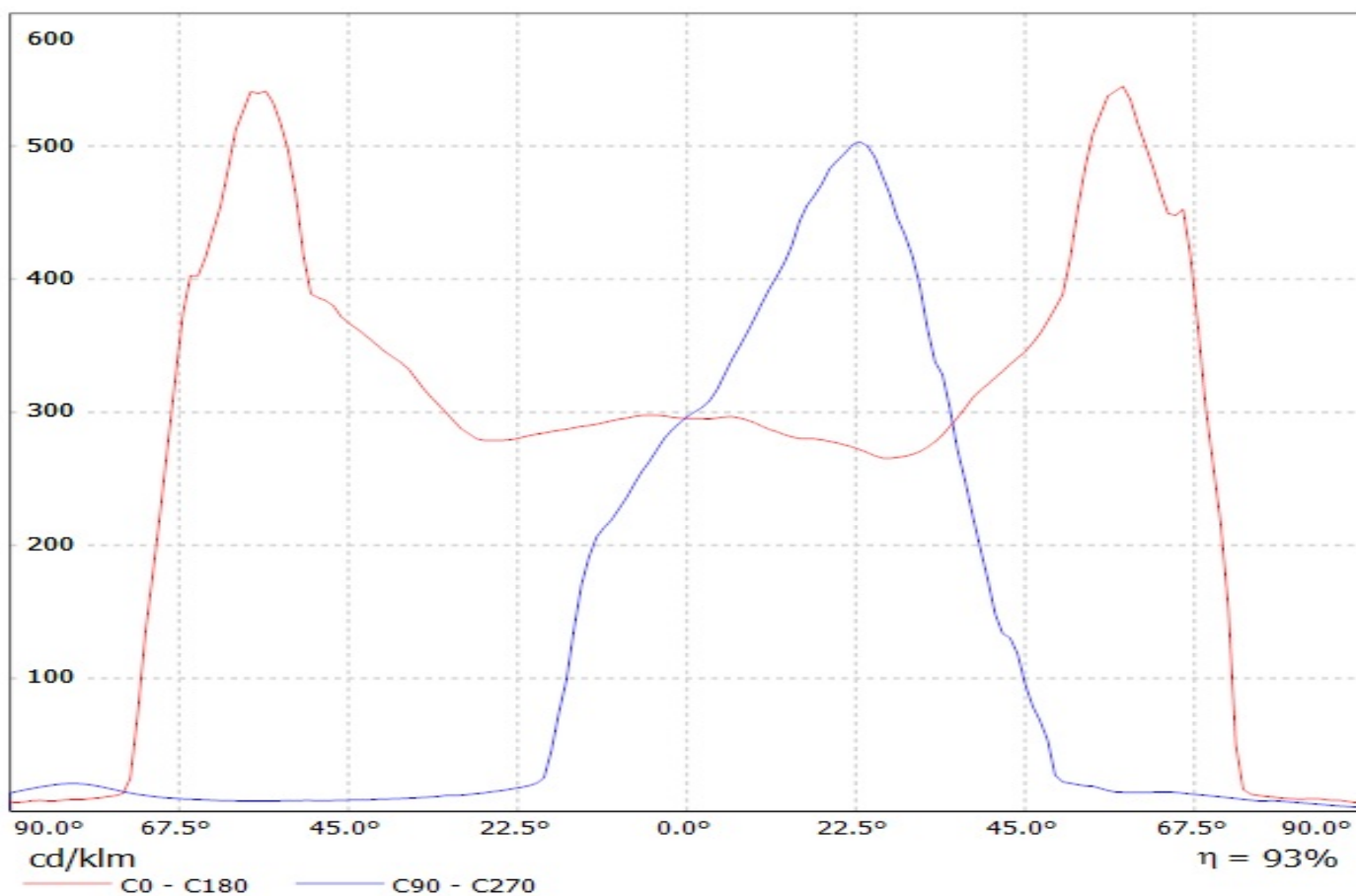
Luminaire: LEDiL Oy C13118_ & CA13119_STRADA-SQ-A-T-LuxM (Luxeon M 362lm @ 250mA) Efficiency=93%
Lamps: 1 x Luxeon M 362lm @ 250mA



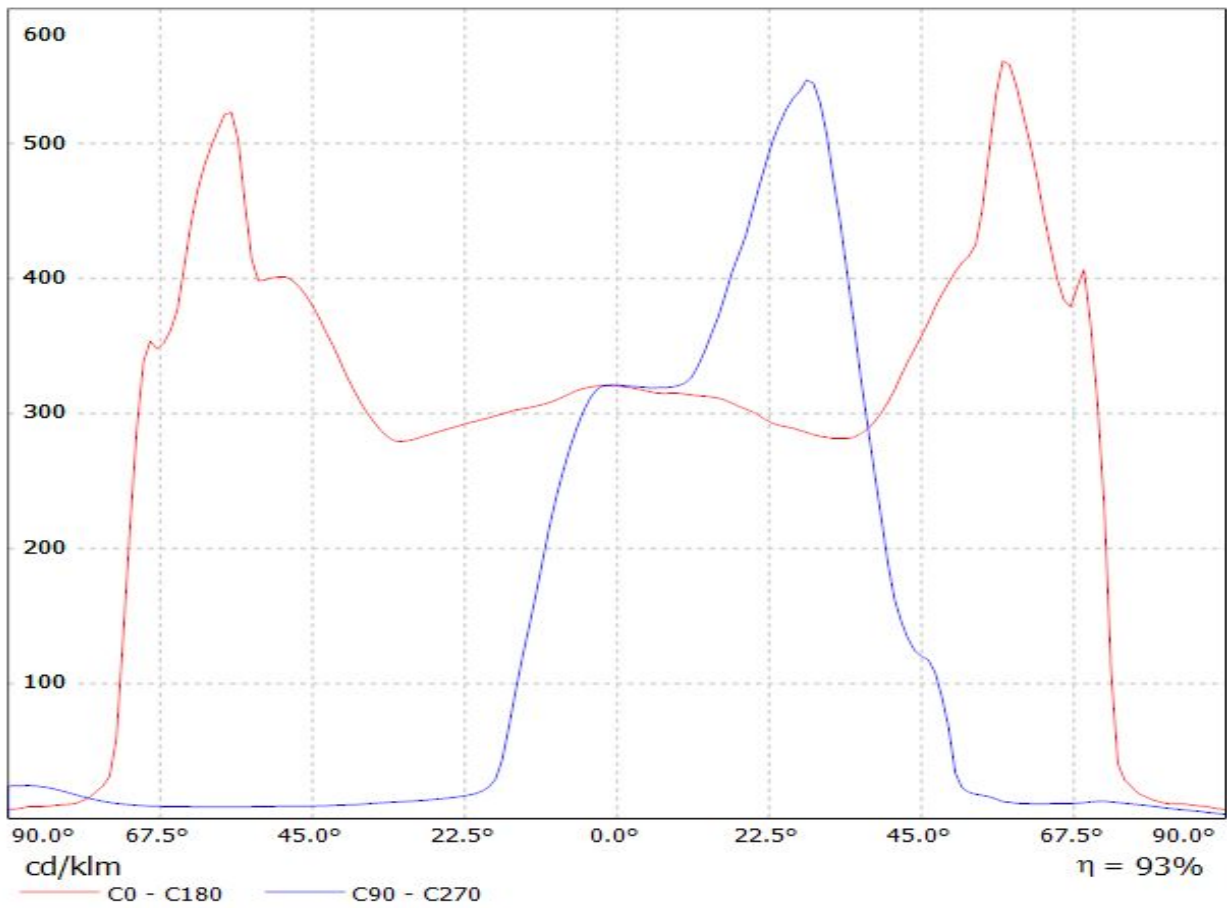
Luminaire: LEDiL Oy CA13119_STRADA-SQ-AT_(LUXEON_T)_2 Eff.92.3%
Lamps: 1 x LUXEON_T (74lm@250mA)



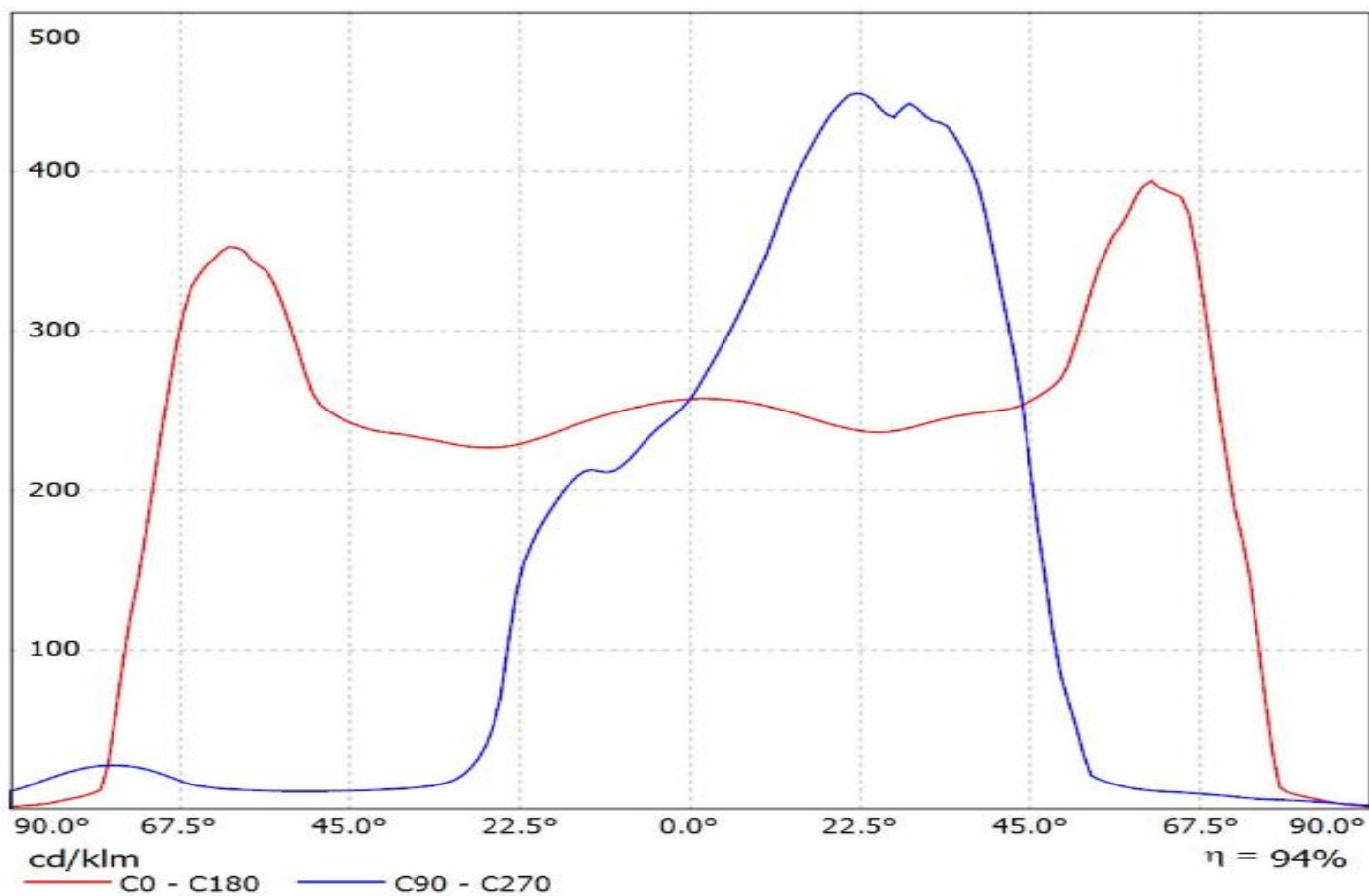
Luminaire: LEDiL Oy CA13119_STRADA-SQ-A-T_(LUXEON-MZ) Eff.93.0%
Lamps: 1 x LUXEON-MZ_263.073lm@250mA_P=2.7399W_I=249.9mA



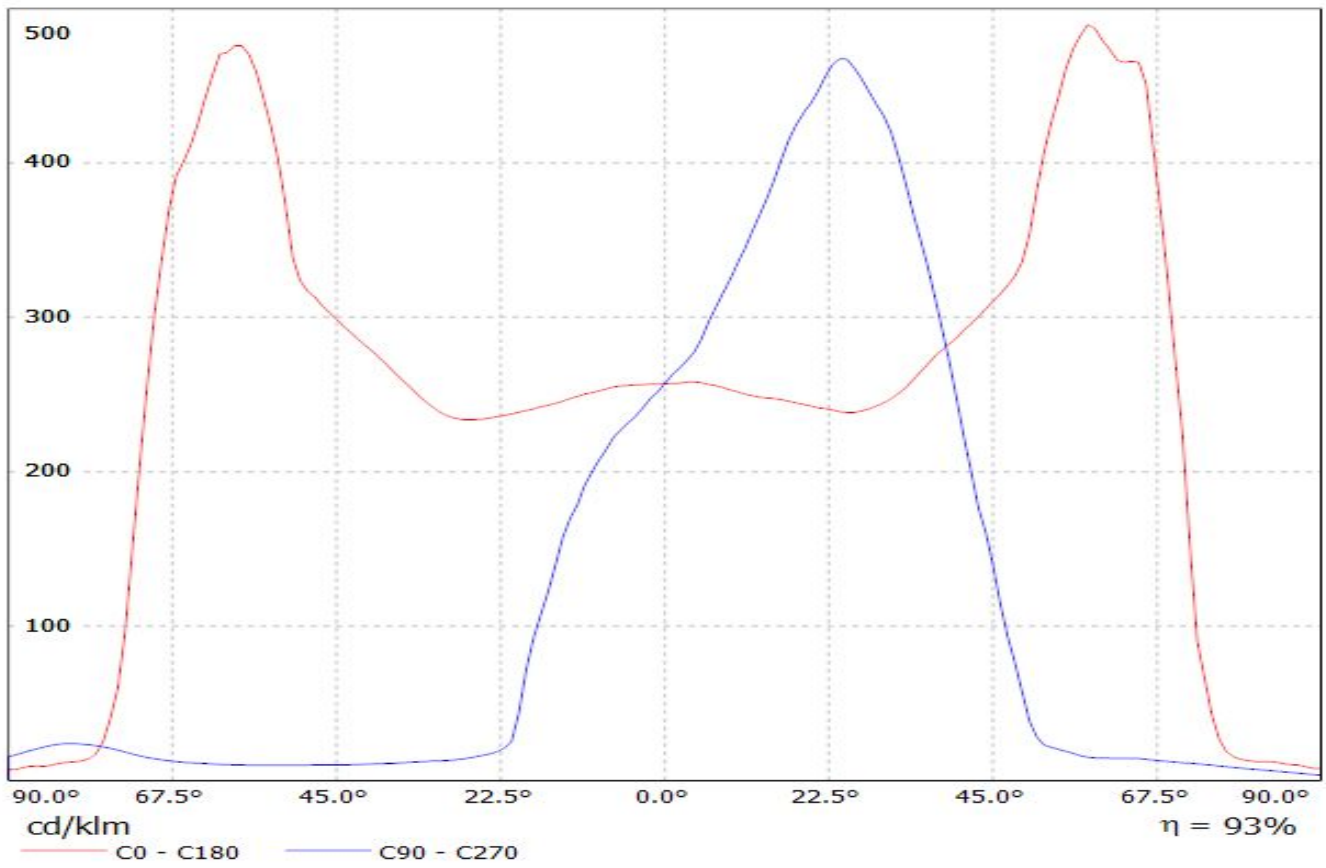
Luminaire: LEDiL Oy CA13119_STRADA-SQ-A-T_(Luxeon_TX) Eff.93.5%
Lamps: 1 x Luxeon_TX_(L1T2-3585)_80.2531lm@250mA_CCT=3500K_P=0.730933W_I=249.9mA



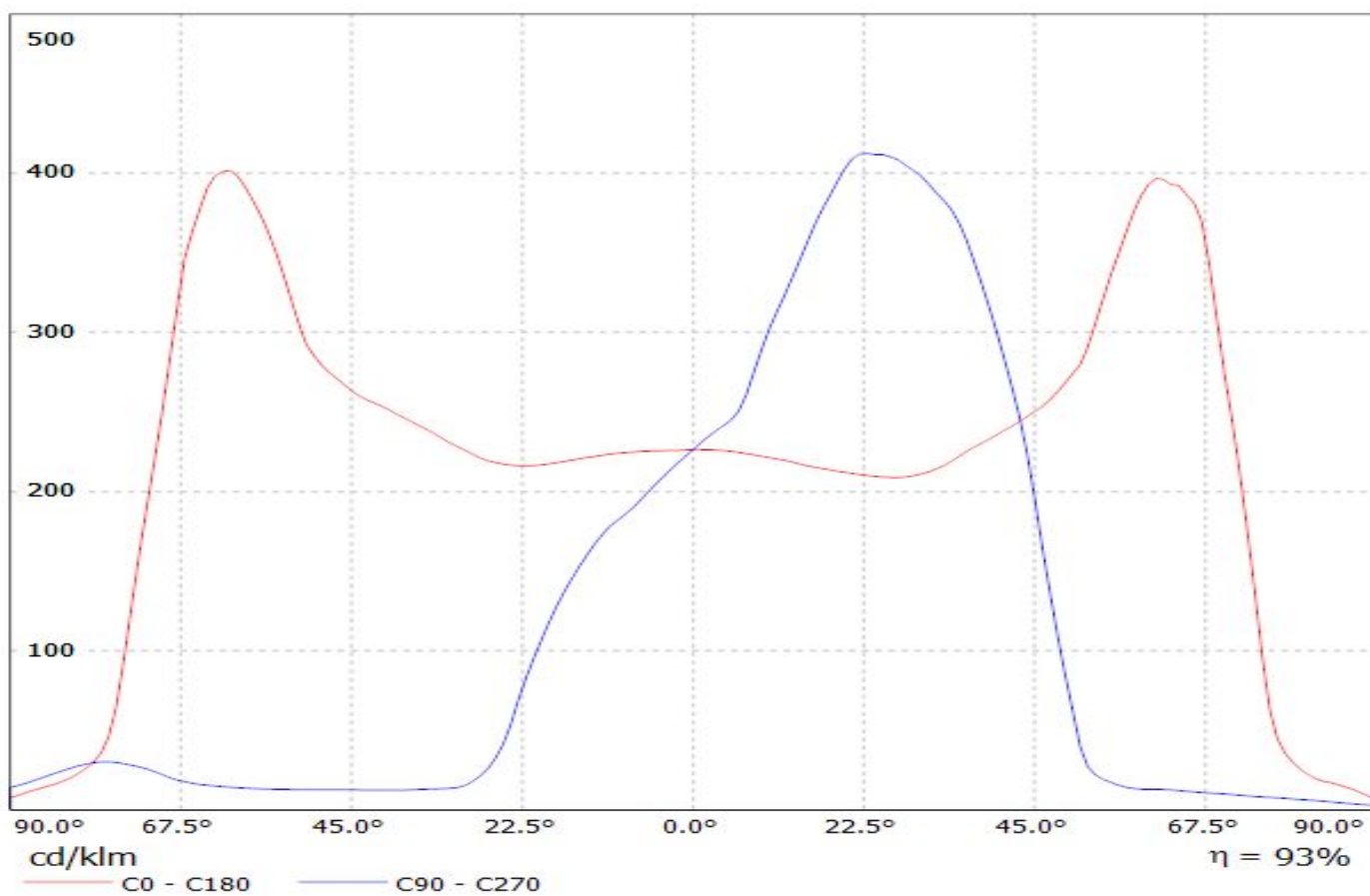
Luminaire: Ledil CA13119_STRADA-SQ-A-T_(LUXEON_XR-M_Linear_1x4)
Lamps: 1 x Lumiled_LUXEON_XR-M_Linear_1x4_1798.32lm@250mA_P=11.005W_I=0.25A



Luminaire: LEDiL Oy CA13119_STRADA-SQ-A-T_(NS9x383) Eff. 93,3%
Lamps: 1 x Nichia NS9x383 (105lm@250mA)

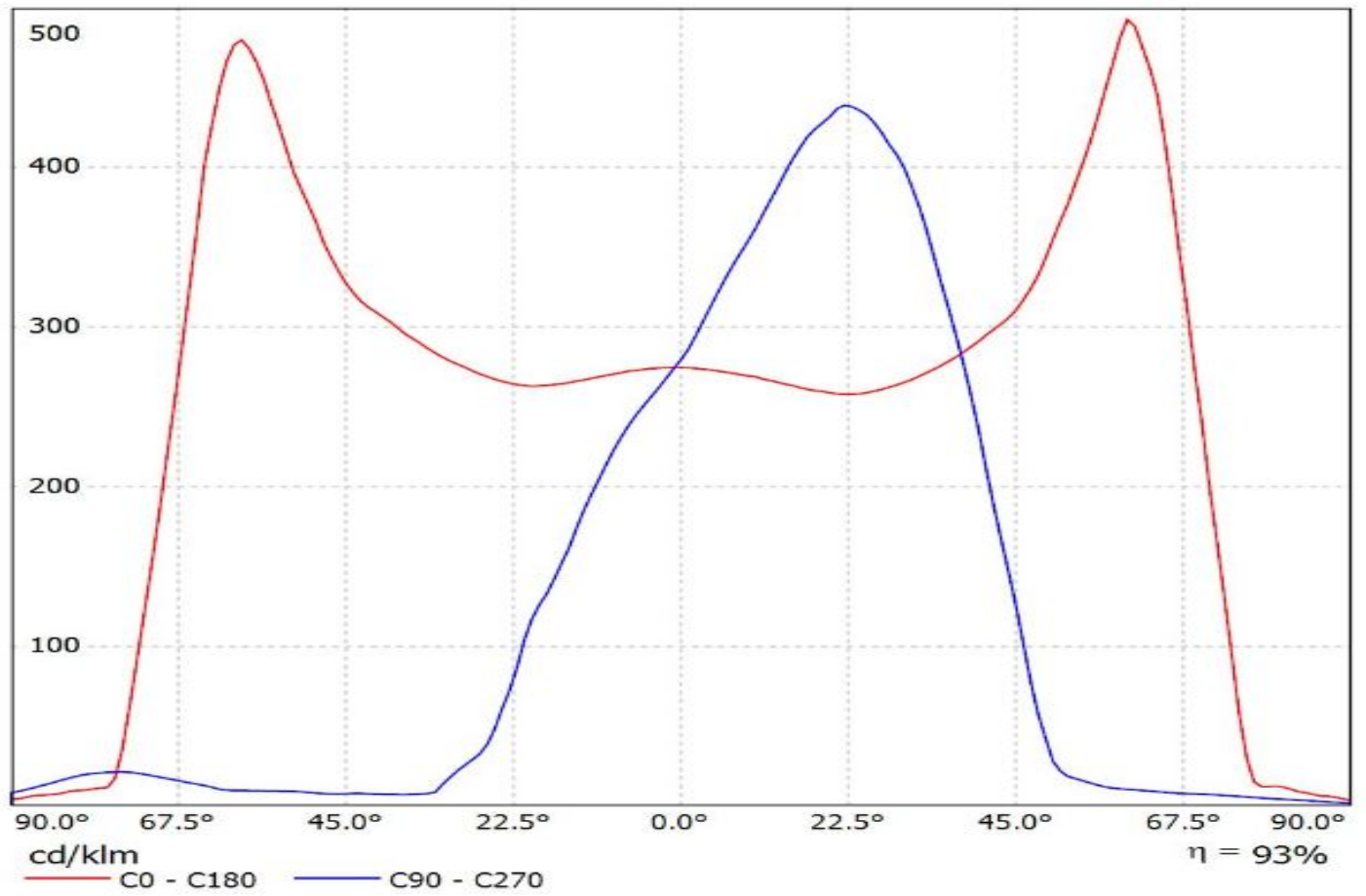


Luminaire: LEDiL Oy CA13119_STRADA-SQ-A-T_(NV4x144A)
Lamps: 1 x Nichia_NV4x144A_477.334lm@250mA_P=2.8030W_I=0.250A

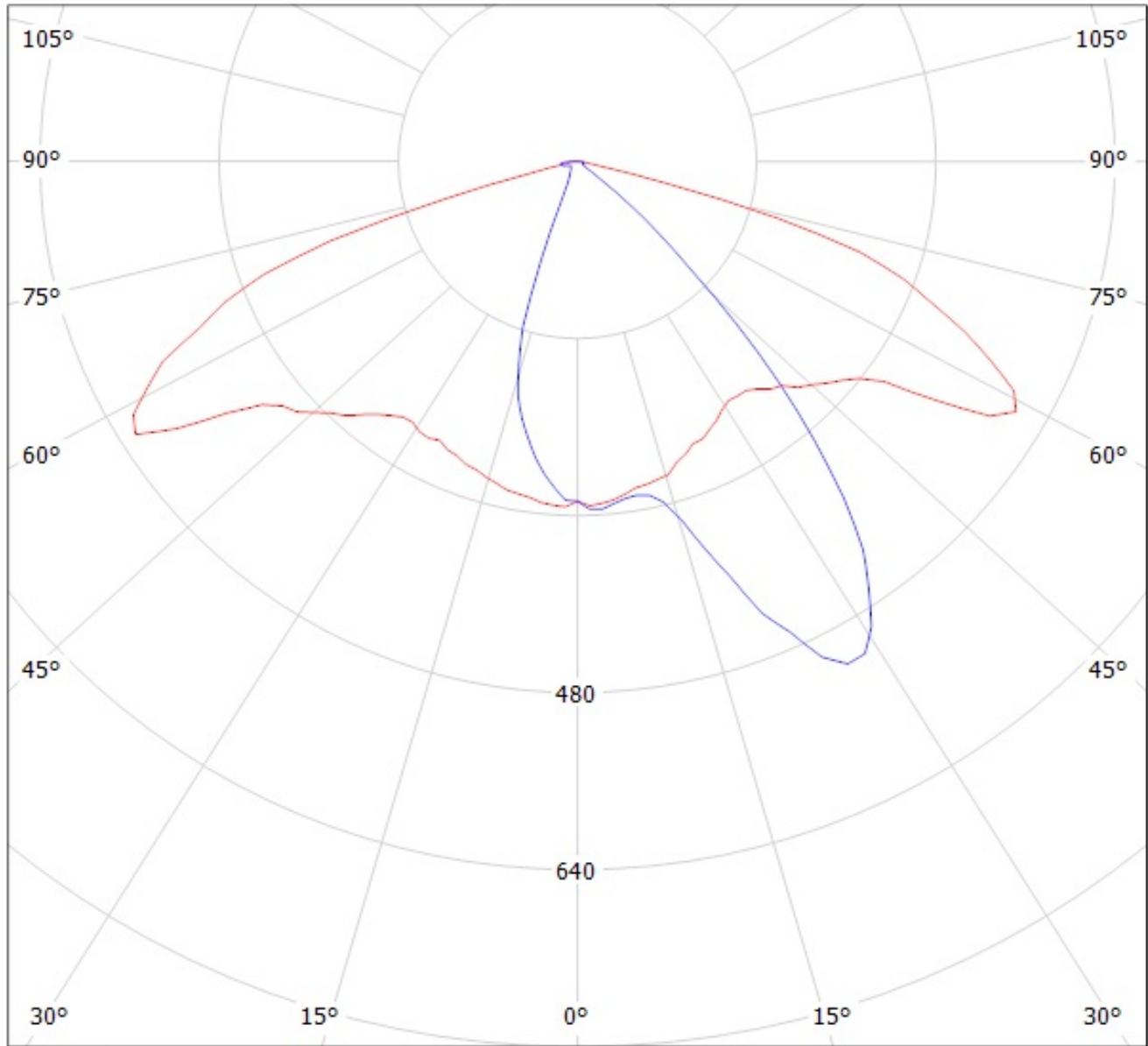


Luminaire: Ledil CA13119_STRADA-SQ-A-T_(Duris_S10)

Lamps: 1 x Osram_Duris_S10_(GW-P7LP32.EM)_992.375lm@250mA_P=9.2362W_I=0.25A



Luminaire: LEDiL Oy C13118 & CA13119_STRADA-SQ-A-T-XML (Cree XM-L 84lm@250mA) Efficiency=93%
Lamps: 1 x Cree XM-L (84lm@250mA)

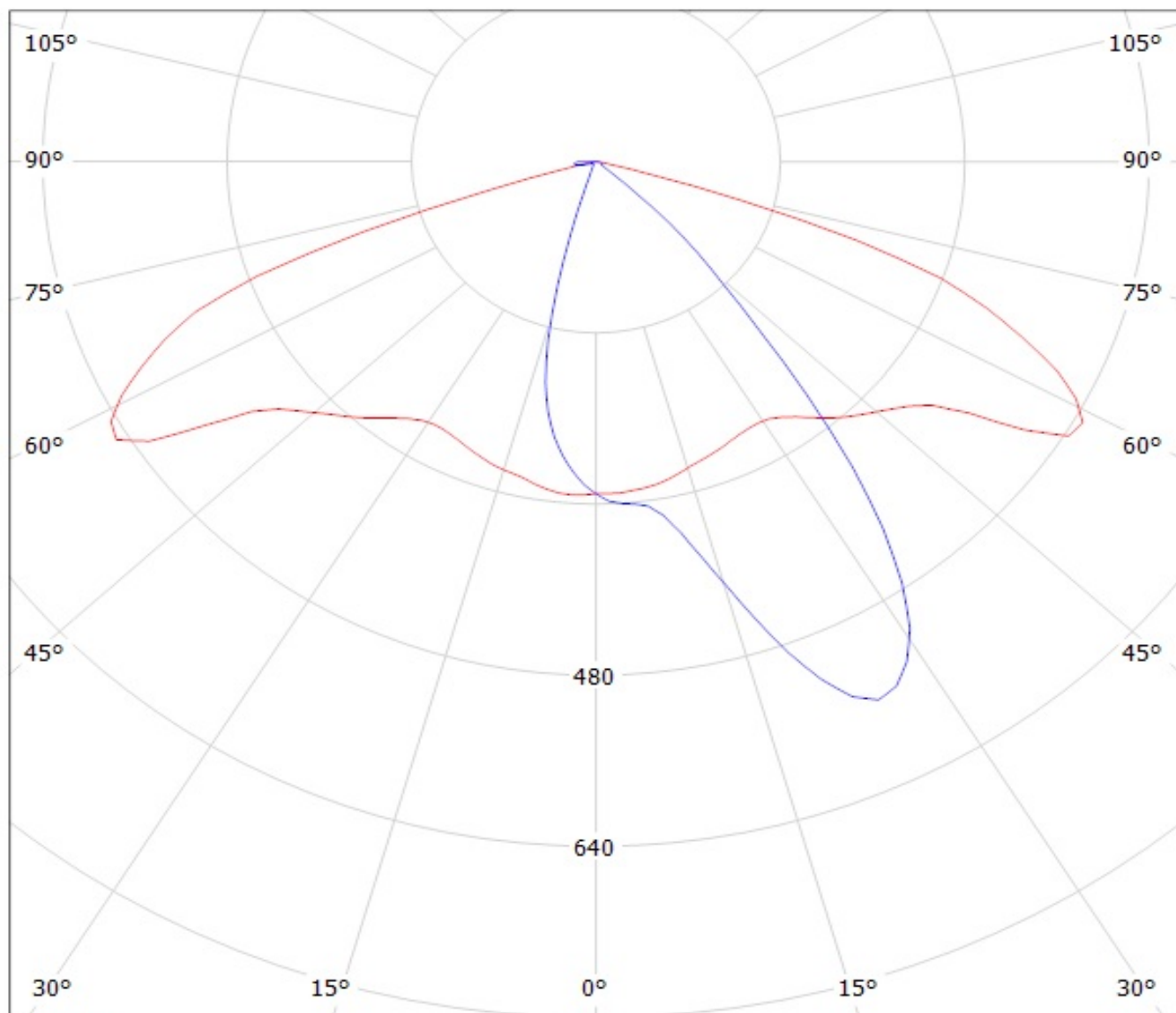


cd/klm

— C0 - C180 — C90 - C270

Luminaire: LEDil Oy CA13119_STRADA-SQ-A-T_(XM-L2) Efficiency=94%

Lamps: 1 x Cree XM-L2 (XMLBWT-0-7B4-T30-0L-0001) 91lm @ 250mA CCT=3200K P=2.8W I=250mA



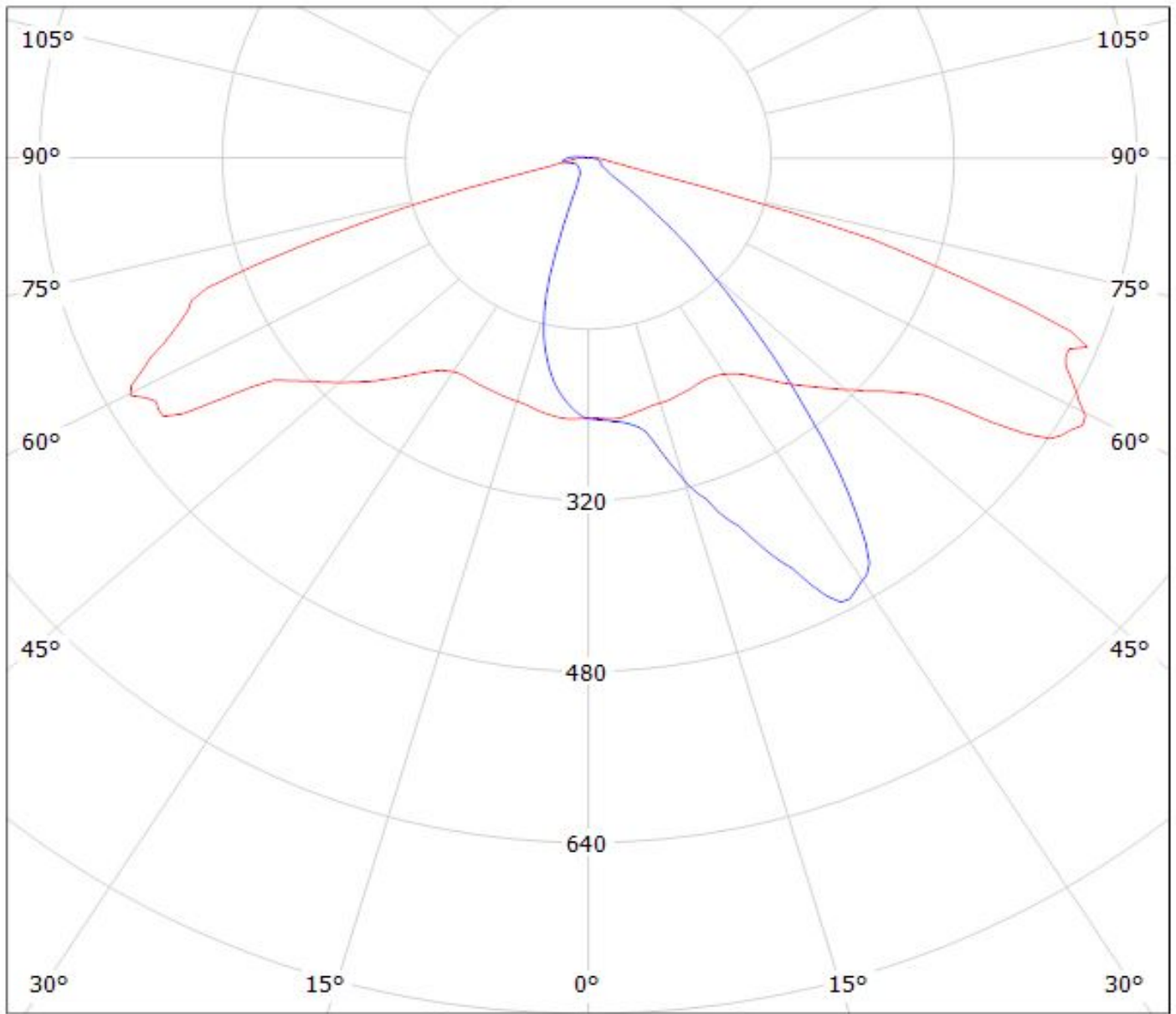
cd/klm

— C0 - C180

— C90 - C270

Luminaire: LEDiL Oy CA13119_STRADA-SQ-A-T_(XP-L)

Lamps: 1 x Cree_XP-L_125.584lm@250mA_P=0.738255W_I=249.9mA



cd/klm

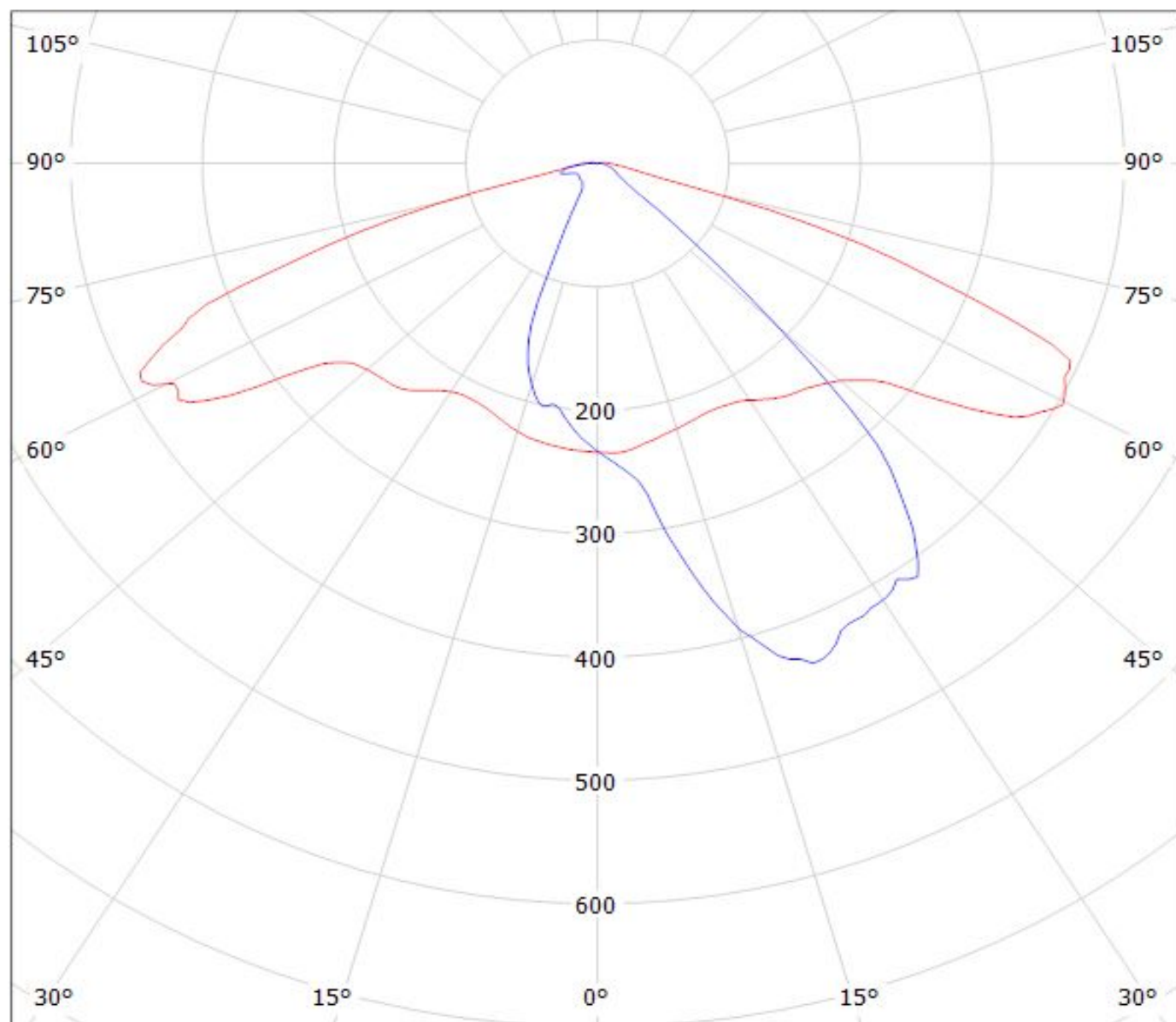
— C0 - C180

— C90 - C270

$\eta = 93\%$

Luminaire: LEDiL Oy CA13119_STRADA-SQ-A-T_(XHP50_cool_white)

Lamps: 1 x CREE_XHP50_cool_white_246.221lm@250mA_P=1.42945W_I=249.9mA



cd/klm

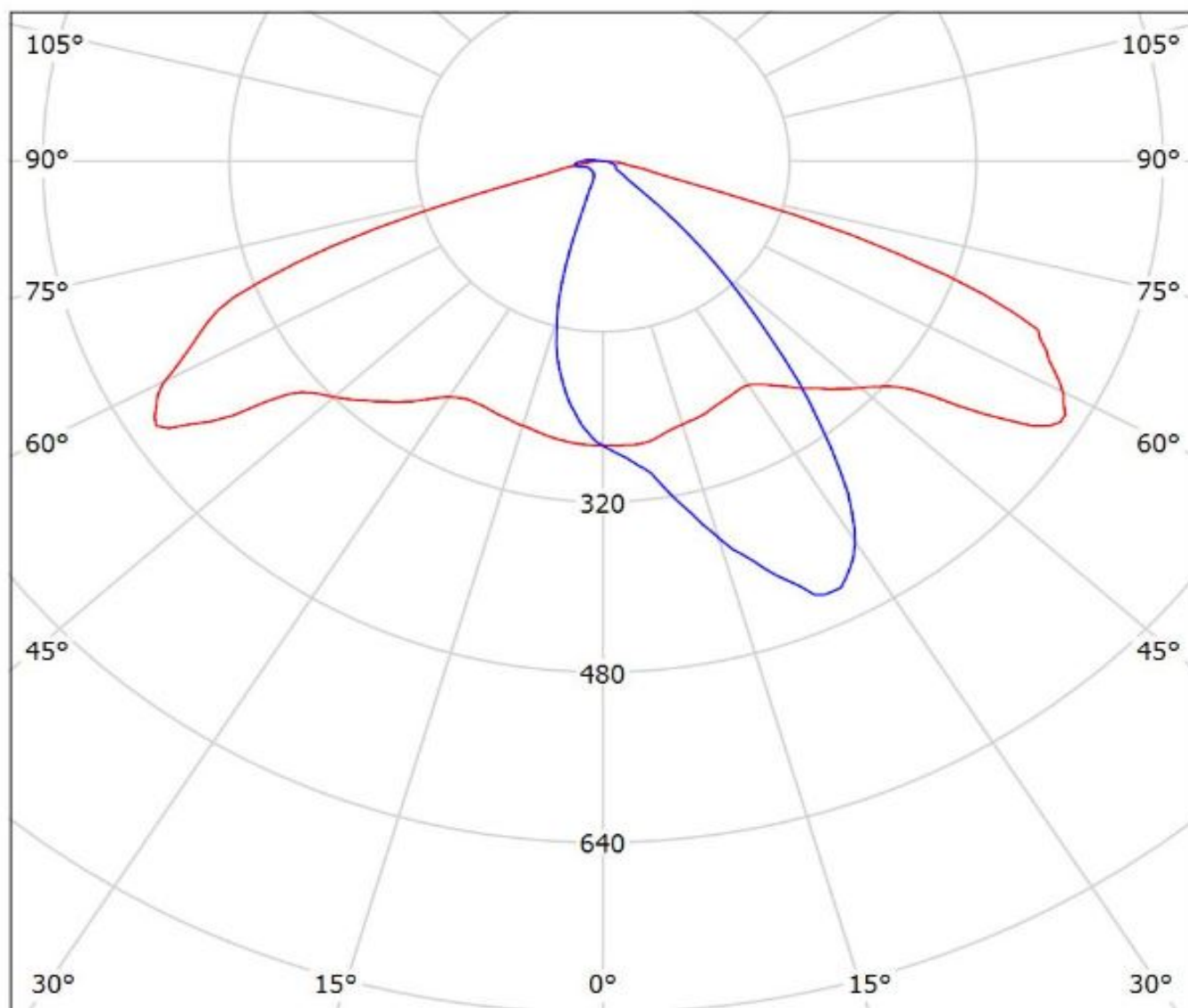
— C0 - C180

— C90 - C270

η = 95%

Luminaire: Ledil CA13119_STRADA-SQ-A-T_(XP-L2)

Lamps: 1 x Cree_XP-L2_(XPLWT-00-0000-000HU630G)_115.868lm@250mA_P=0.717875W_I=0.25A

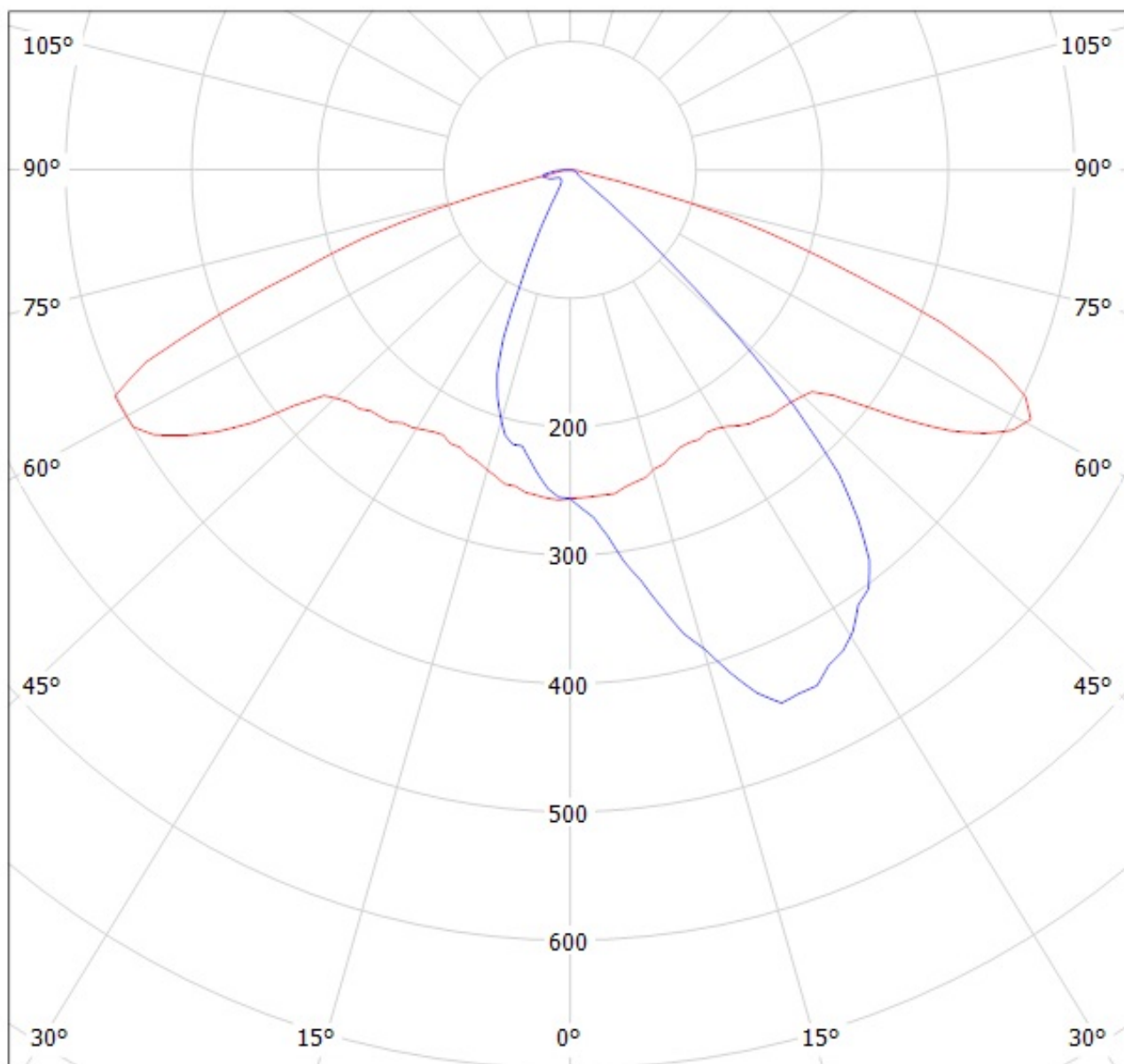


cd/klm

— C0 - C180 — C90 - C270

$\eta = 93\%$

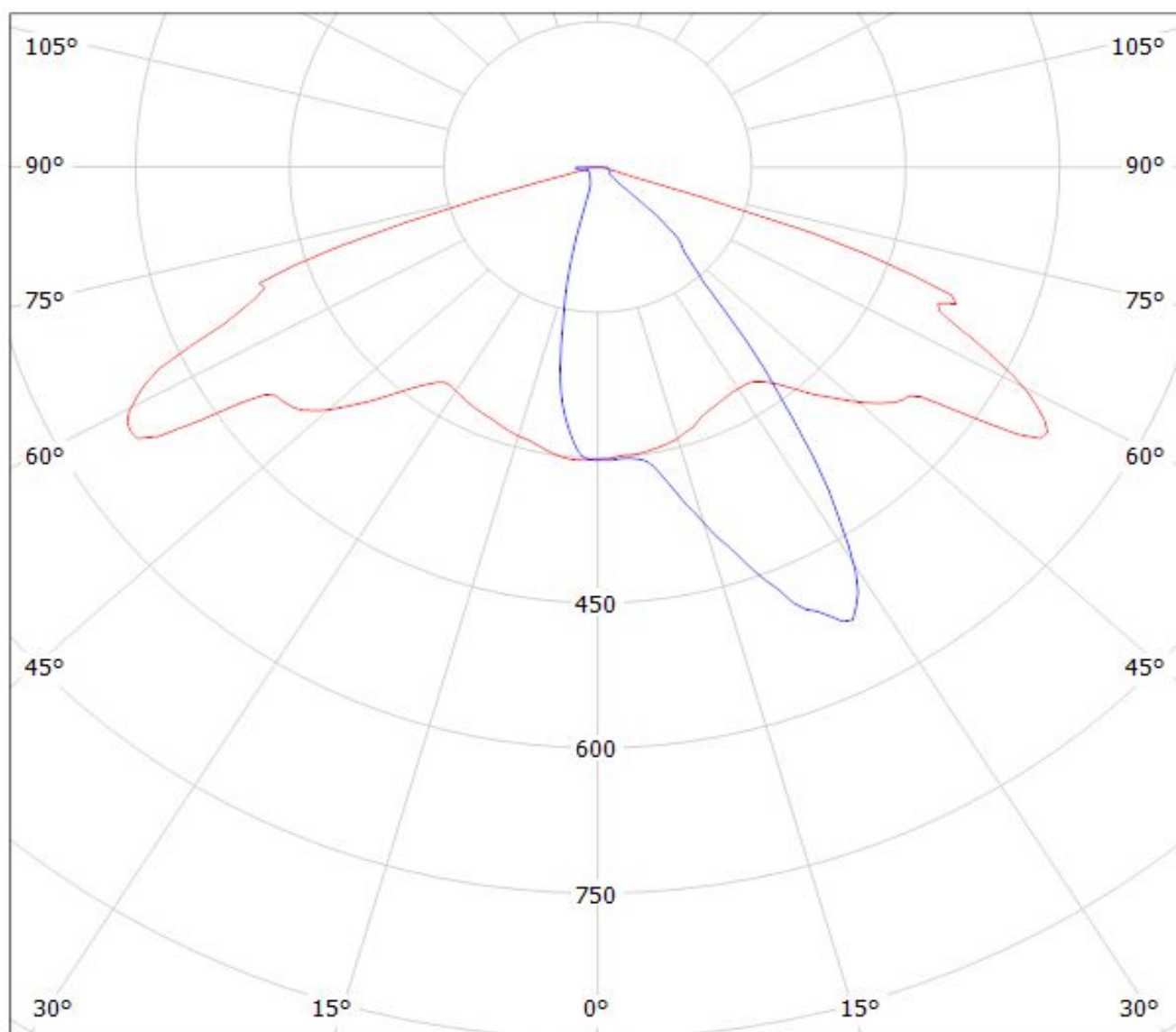
Luminaire: LEDiL Oy C13118_&_CA13119_STRADA-SQ-A-T-LuxM (Luxeon M 362lm @ 250mA) Efficiency=93%
Lamps: 1 x Luxeon M 362lm @ 250mA



cd/klm

— C0 - C180 — C90 - C270

Luminaire: LEDiL Oy CA13119_STRADA-SQ-AT_(LUXEON_T)_2 Eff.92.3%
Lamps: 1 x LUXEON_T (74lm@250mA)



cd/klm

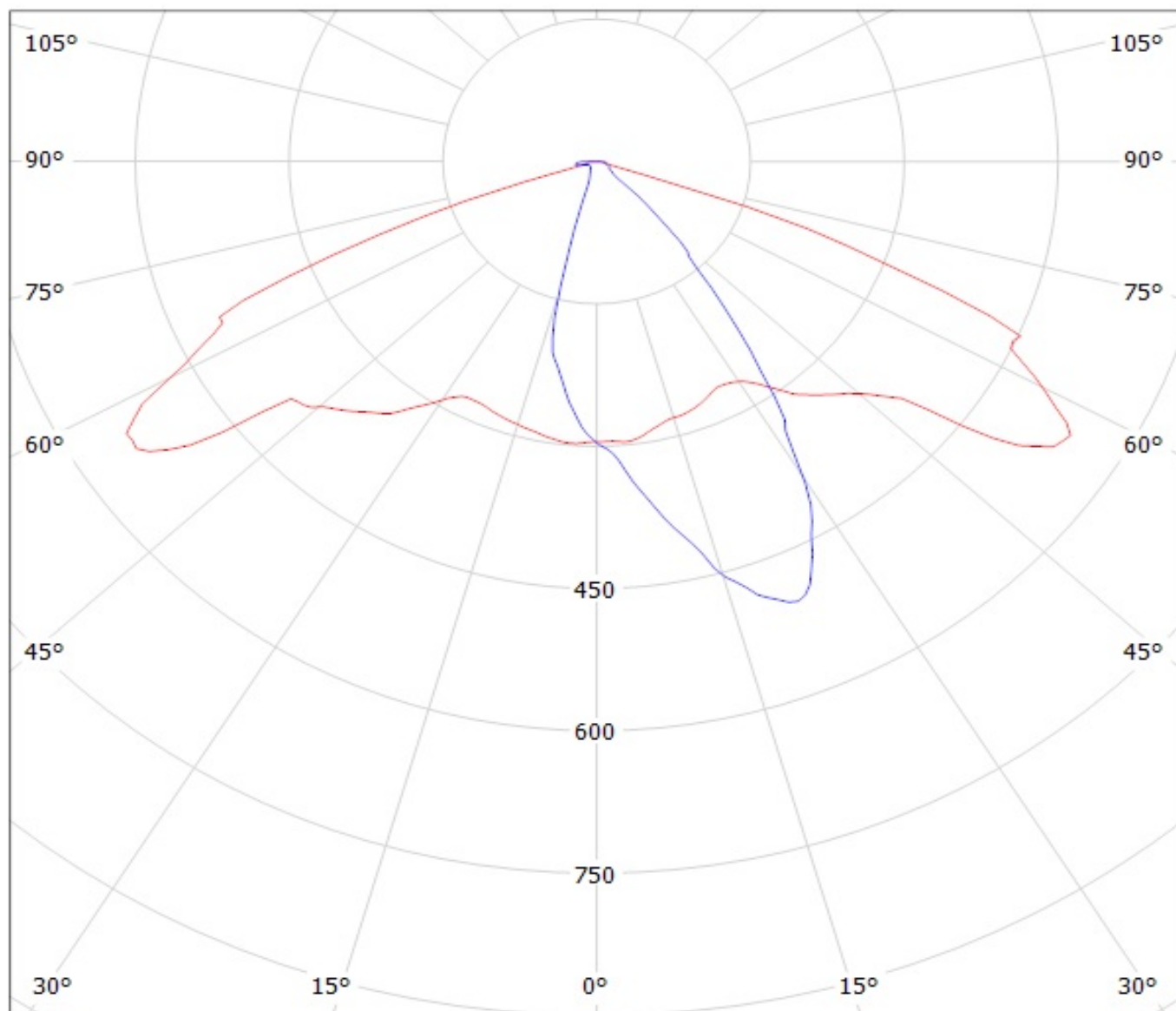
$\eta = 92\%$

— C0 - C180

— C90 - C270

Luminaire: LEDiL Oy CA13119_STRADA-SQ-A-T_(LUXEON-MZ) Eff.93.0%

Lamps: 1 x LUXEON-MZ_263.073lm@250mA_P=2.7399W_I=249.9mA



cd/klm

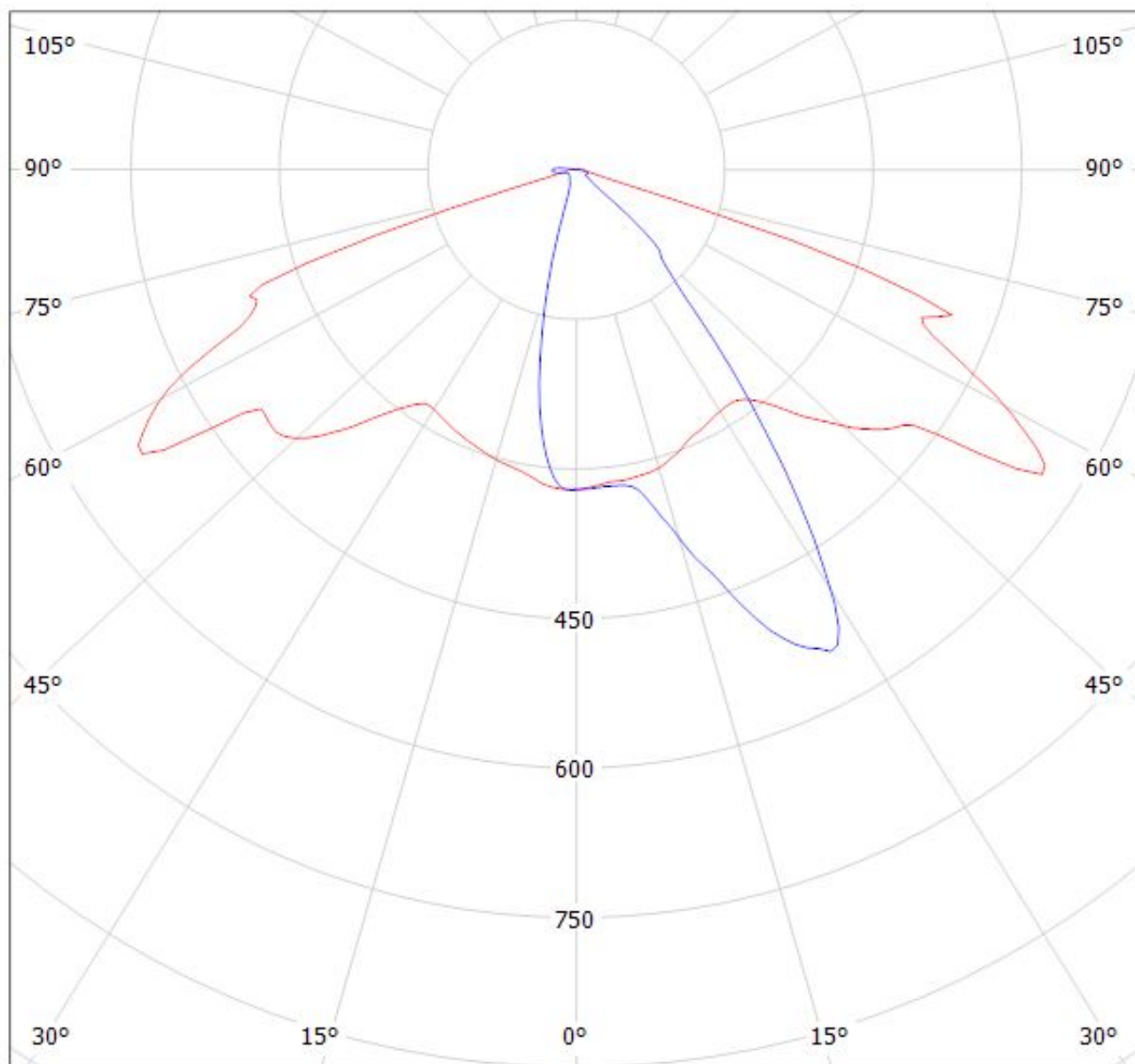
— C0 - C180

— C90 - C270

$\eta = 93\%$

Luminaire: LEDiL Oy CA13119_STRADA-SQ-A-T_(Luxeon_TX) Eff.93.5%

Lamps: 1 x Luxeon_TX_(L1T2-3585)_80.2531lm@250mA_CCT=3500K_P=0.730933W_I=249.9mA



cd/klm

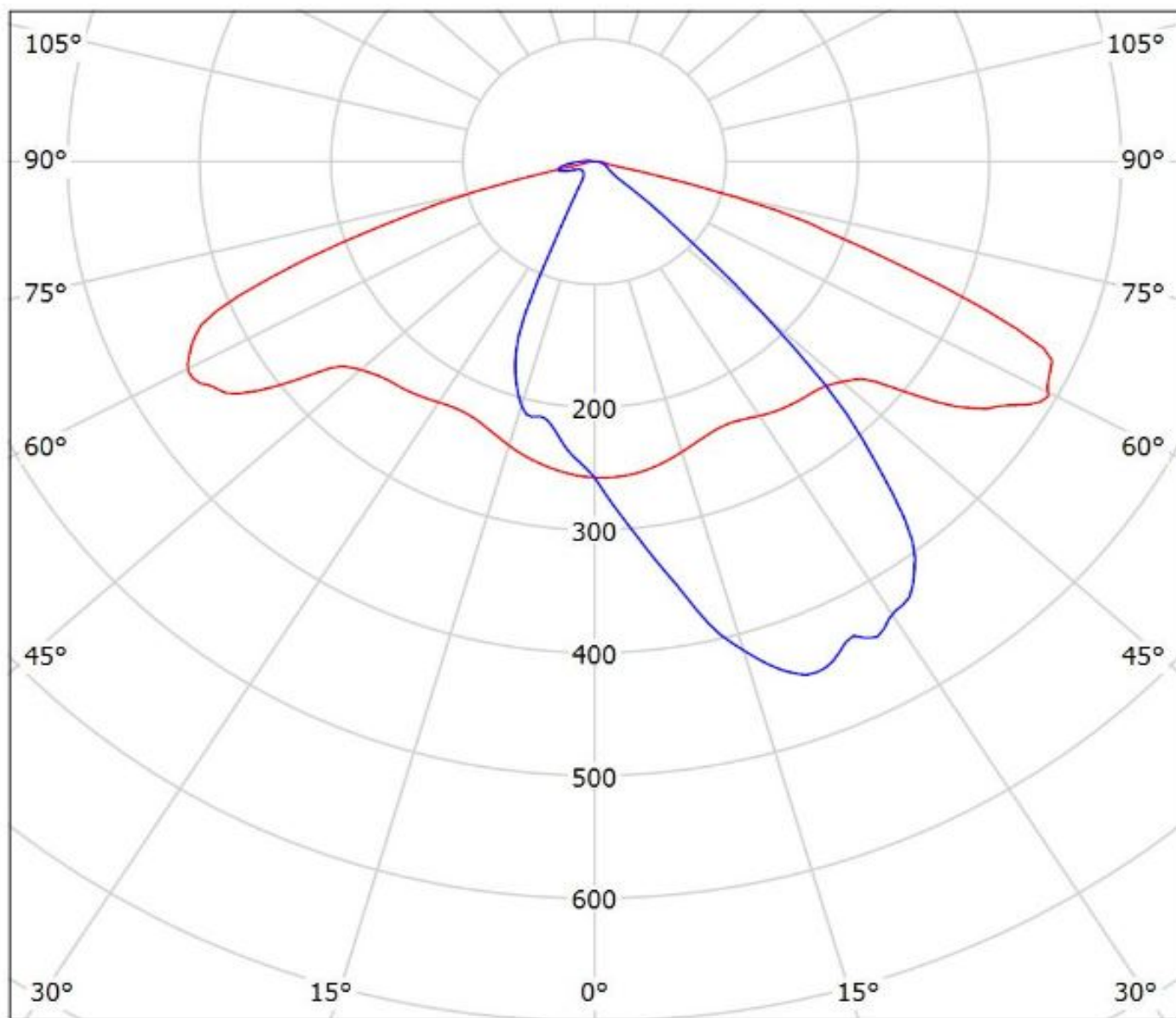
$\eta = 93\%$

— C0 - C180

— C90 - C270

Luminaire: Ledil CA13119_STRADA-SQ-A-T (LUXEON_XR-M_Linear_1x4)

Lamps: 1 x Lumiled_LUXEON_XR-M_Linear_1x4_1798.32lm@250mA_P=11.005W_I=0.25A



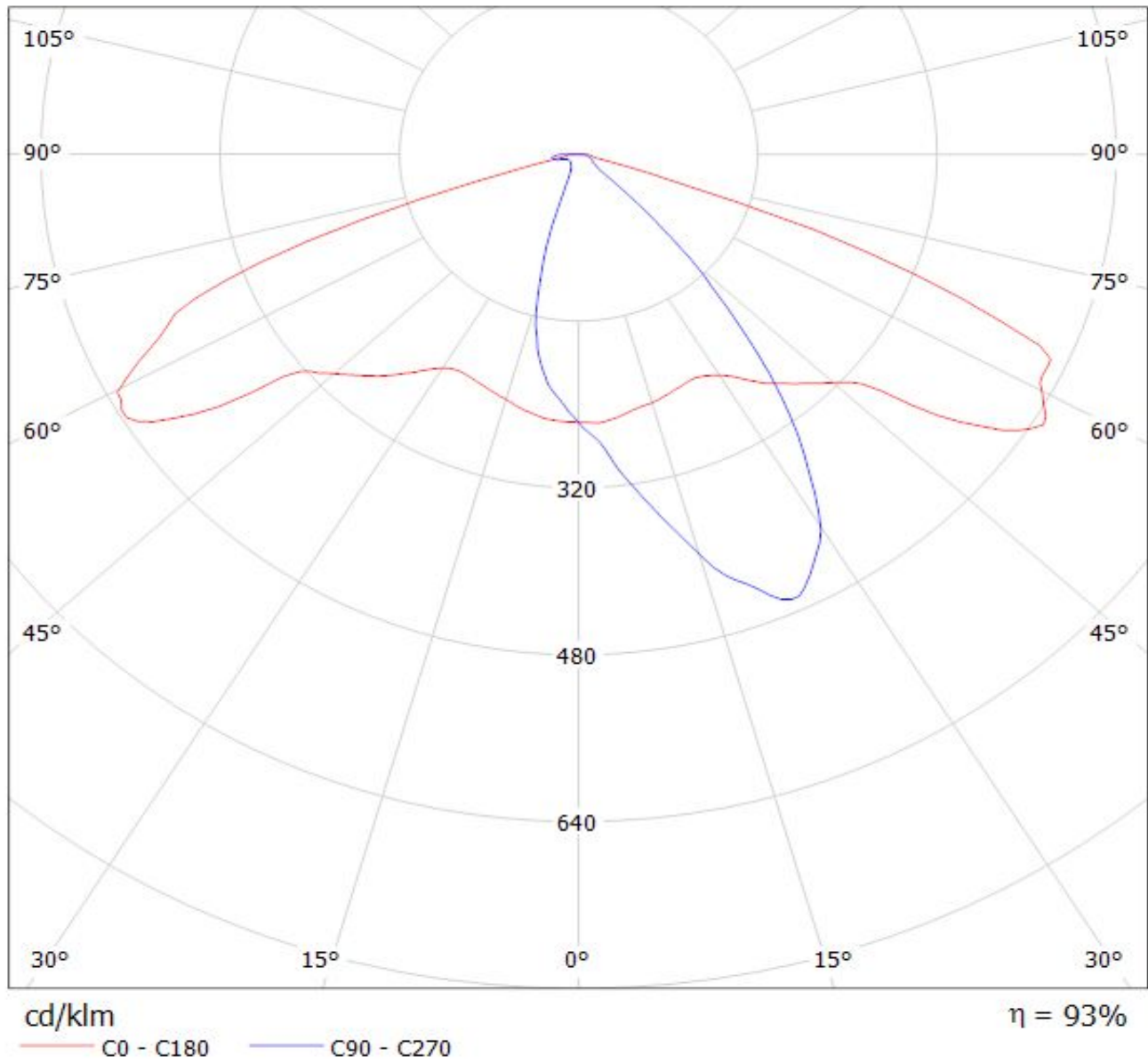
cd/klm

— C0 - C180

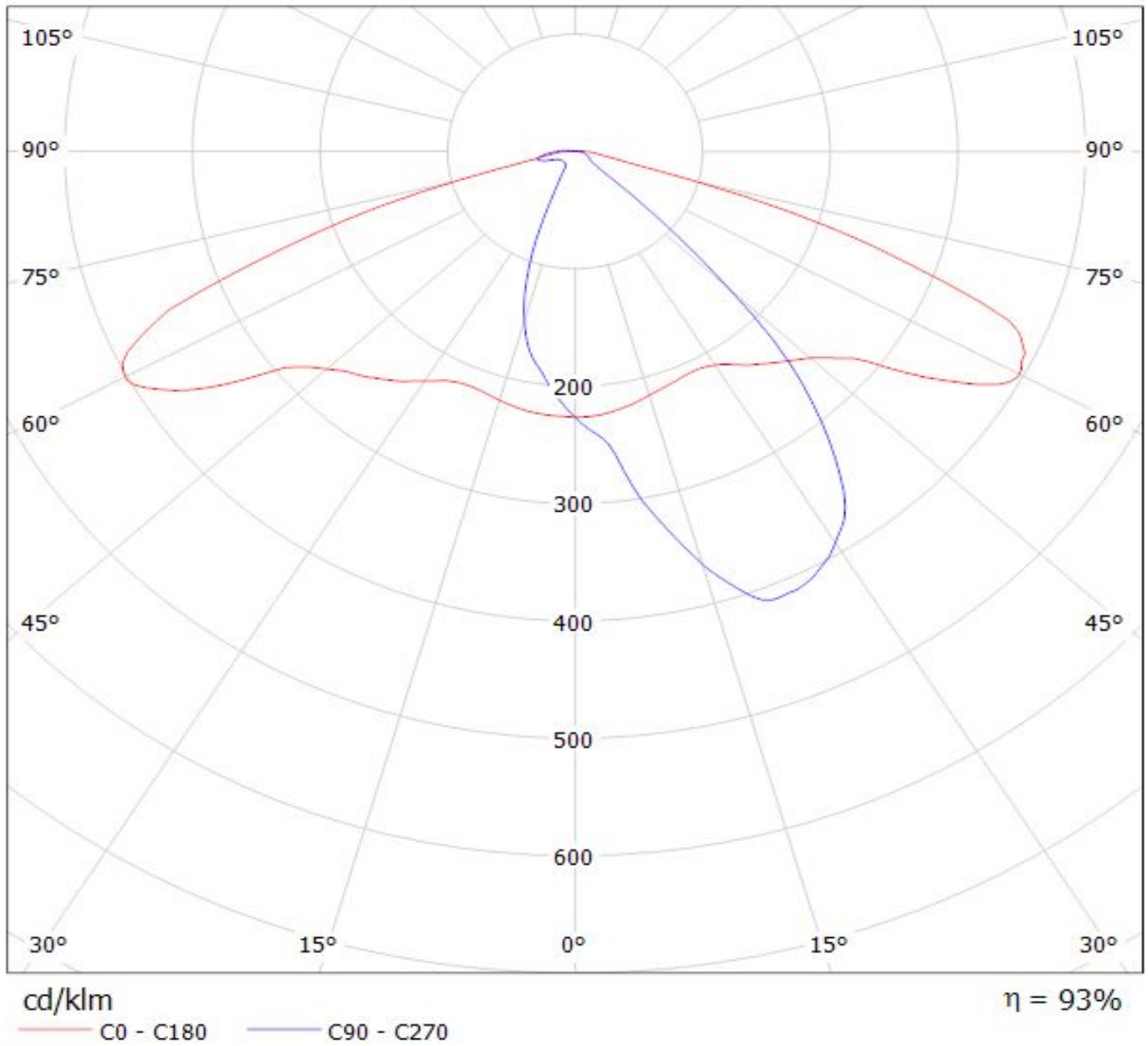
— C90 - C270

$\eta = 94\%$

Luminaire: LEDiL Oy CA13119_STRADA-SQ-A-T_(NS9x383) Eff. 93,3%
Lamps: 1 x Nichia NS9x383 (105lm@250mA)

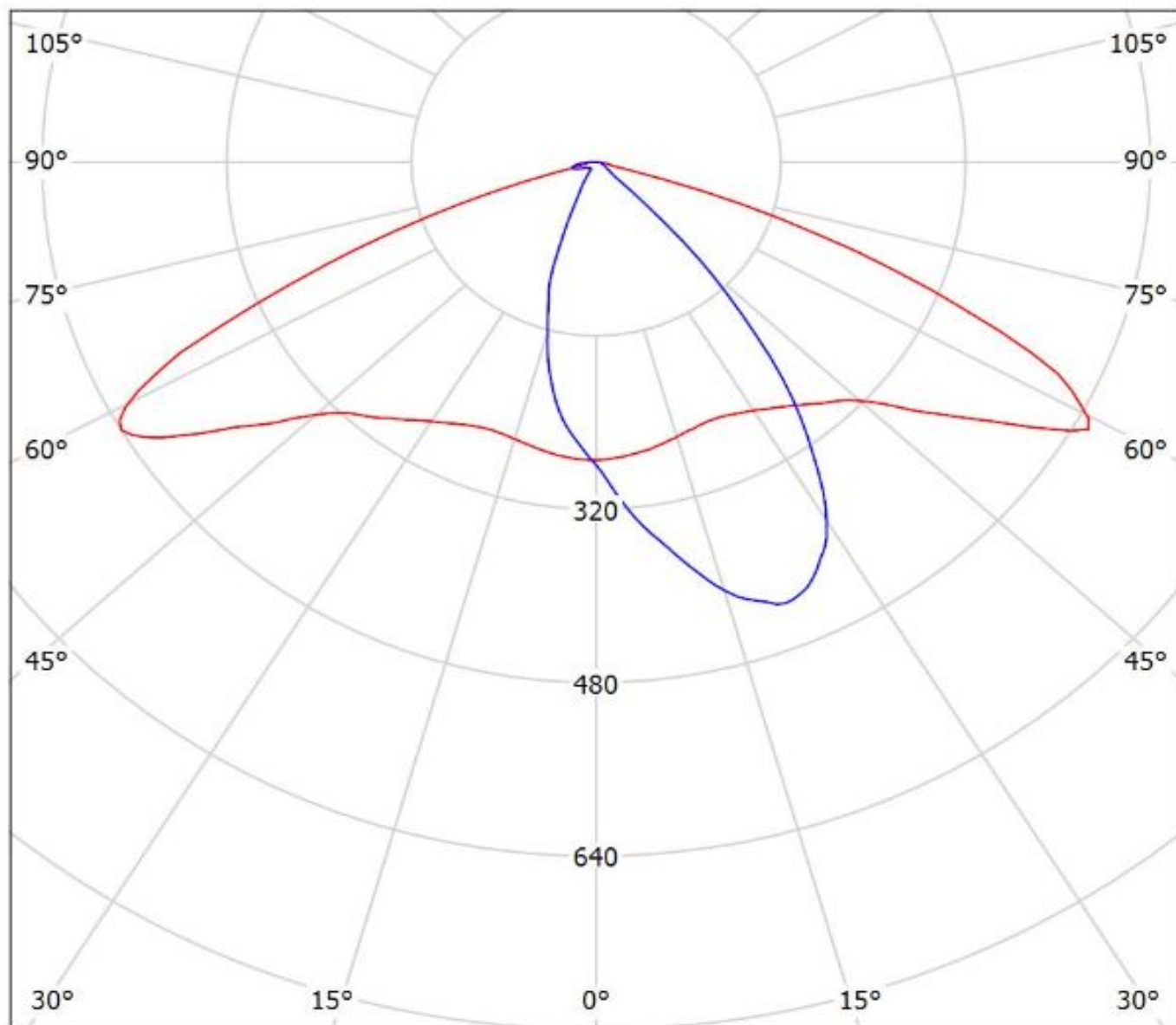


Luminaire: LEDiL Oy CA13119_STRADA-SQ-A-T_(NV4x144A)
Lamps: 1 x Nichia_NV4x144A_477.334lm@250mA_P=2.8030W_I=0.250A



Luminaire: Ledil CA13119_STRADA-SQ-A-T_(Duris_S10)

Lamps: 1 x Osram_Duris_S10_(GW-P7LP32.EM)_992.375lm@250mA_P=9.2362W_I=0.25A



cd/klm

— C0 - C180

— C90 - C270

$\eta = 93\%$

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.