DETAILS

Product Number	C13118_STRADA-SQ-A-T
Family	Strada
Type	Lens
Color	clear
Diameter	25 + 25 mm
Height	9 mm
Style	square
Optic Material	PMMA
Holder Material	
Fastening	glue, pin, screw
Status	production ready
ROHS Comliant	Yes
Date Updated	22/10/2012

OPTICAL PROPERTIES

| LED	Viewing Angle	Light Beam	Effi-ciency	cd/lm	Connector
XM-L	Asymmetric deg	Streetligh...	93 %	0.300	-
XM-L2	asymmetric deg	Streetligh...	94 %	0.700	-
XHP50	Asymmetric deg	Streetligh...	94 %	0.580	-
LUXEON M/MX	Asymmetric deg	Streetligh...	93 %	0.300	-
LUXEON MZ	asymmetric deg	Streetligh...	93 %	0.800	-
NFMW48xA	Asymmetric deg	Streetligh...	94 %	0.630	-

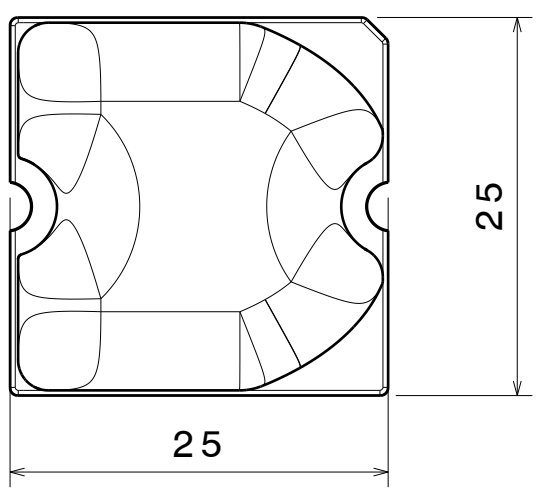Bottom view

21.5 c/c

⌀2

Isometric view

Front view

9

A

Detail A

1.05

Top view

25

25
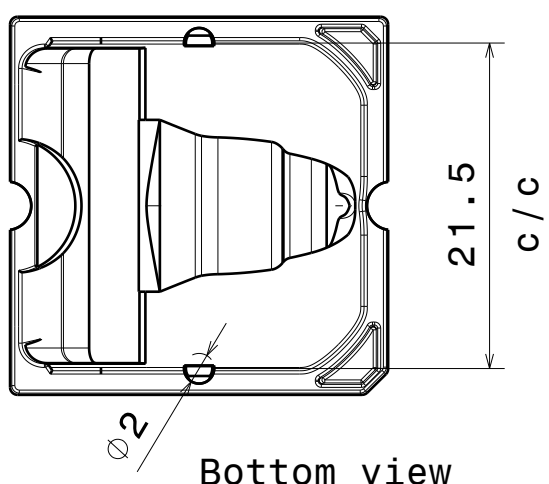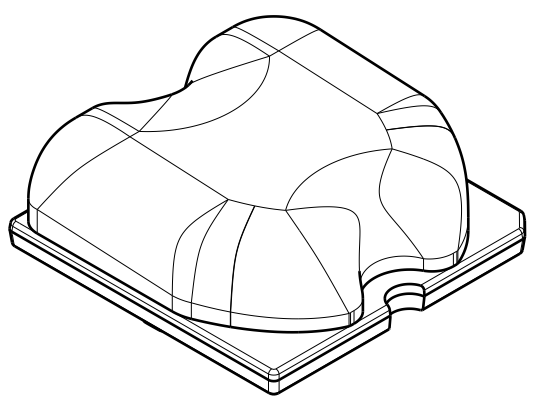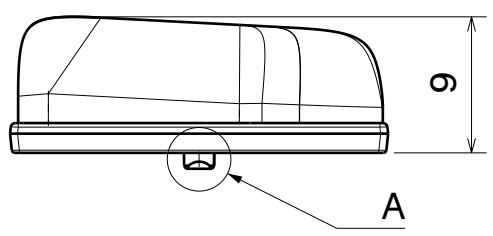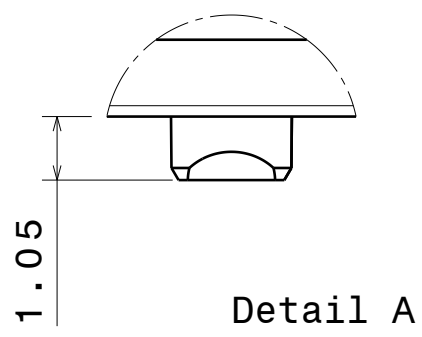
Tolerances if not otherwise shown:
According to DIN ISO 2768-1
Linear measures:
Up to 30mm class M, otherwise class C.

According to DIN ISO 2768-2
Form and position:
class L

Control for SPC marked dimensions.

LEDiL

Ledil Oy
Salorankatu 10
FIN 24240 SALO
Finland

DRAWING TITLE	Mechanical drawing

DRAWN BY	DATE		
as	25.9.2012	STRADA-SQ-A-T	

CHECKED BY	DATE	SIZE	PART NUMBER	REV
vs	-	A4		001

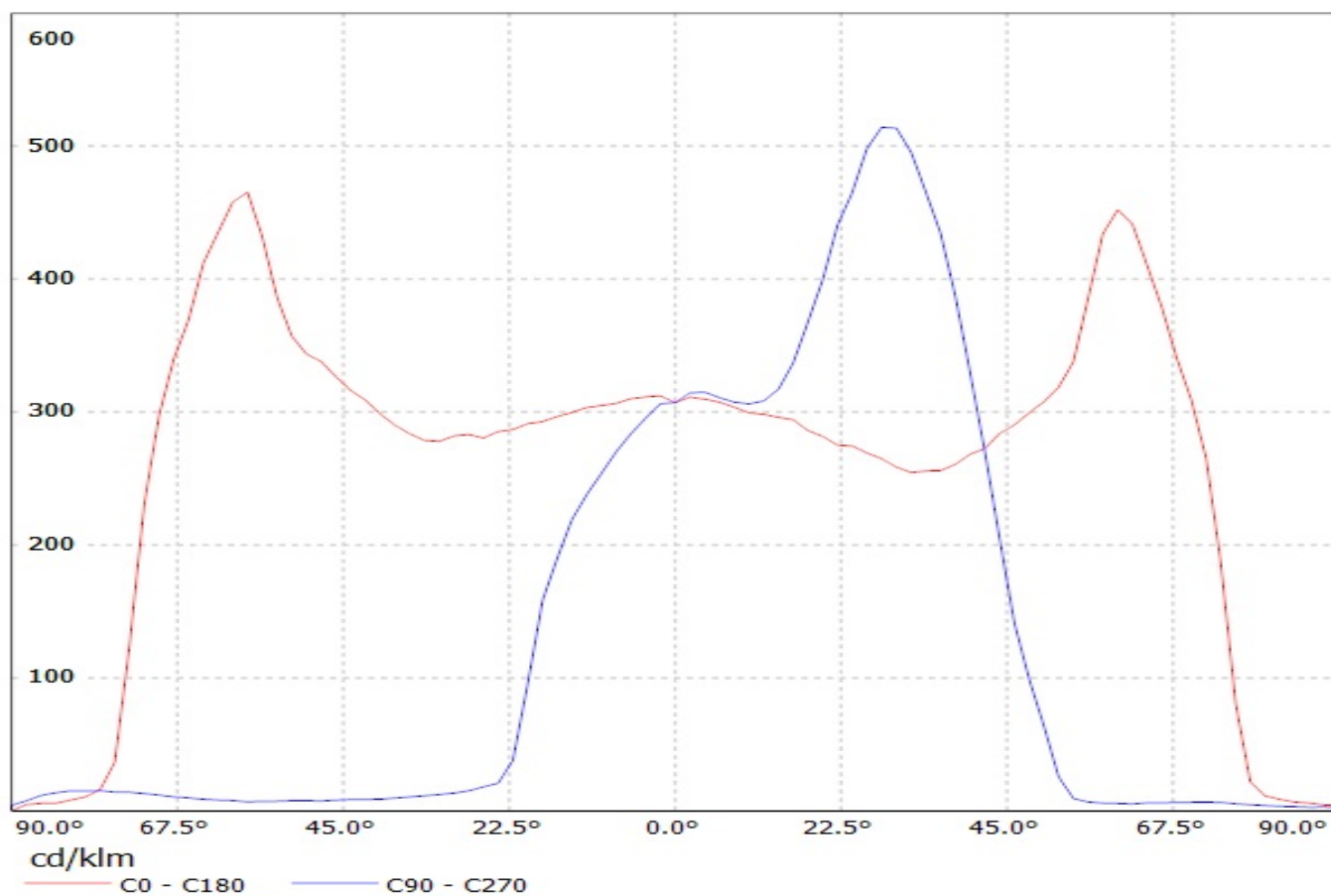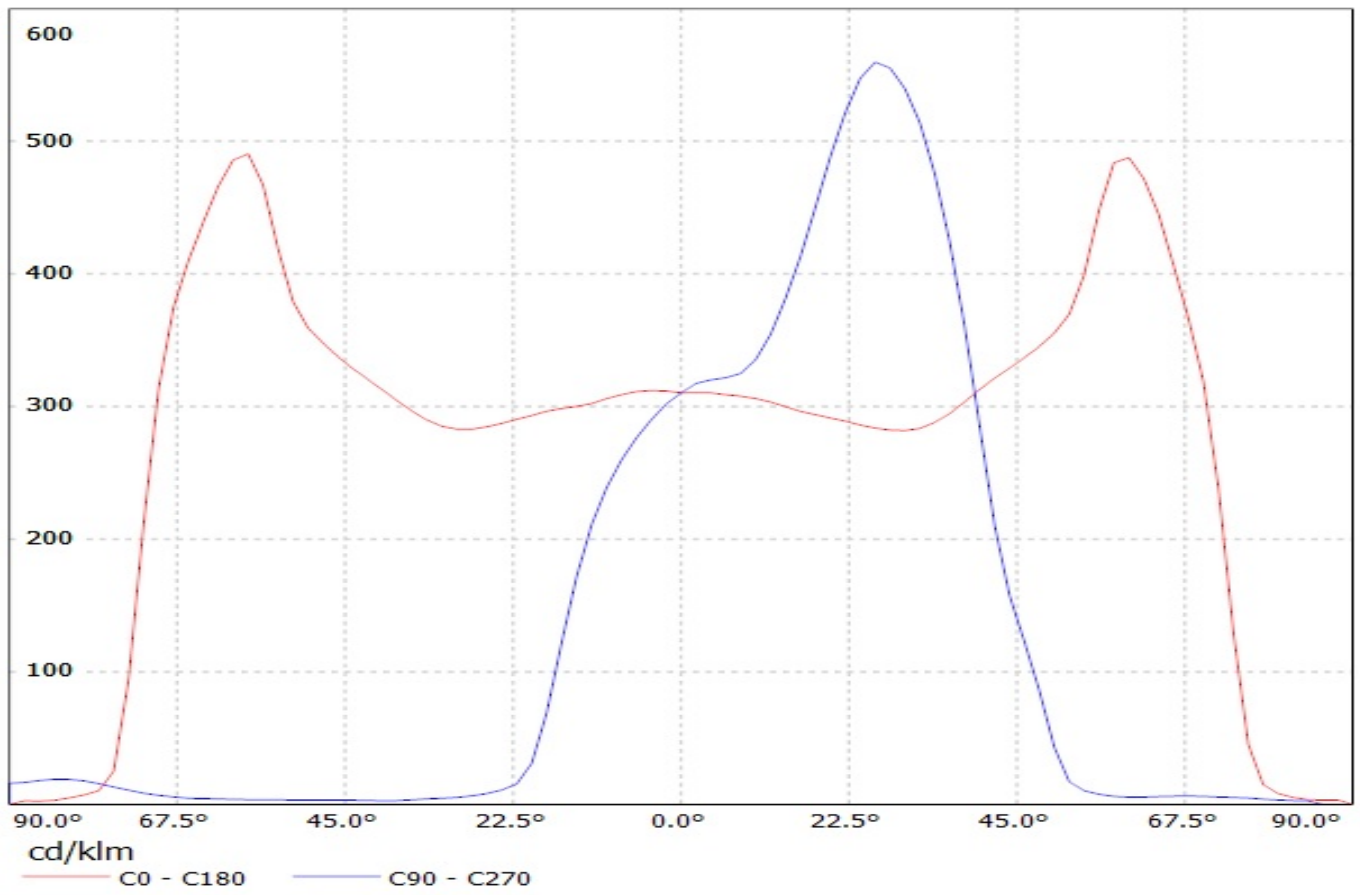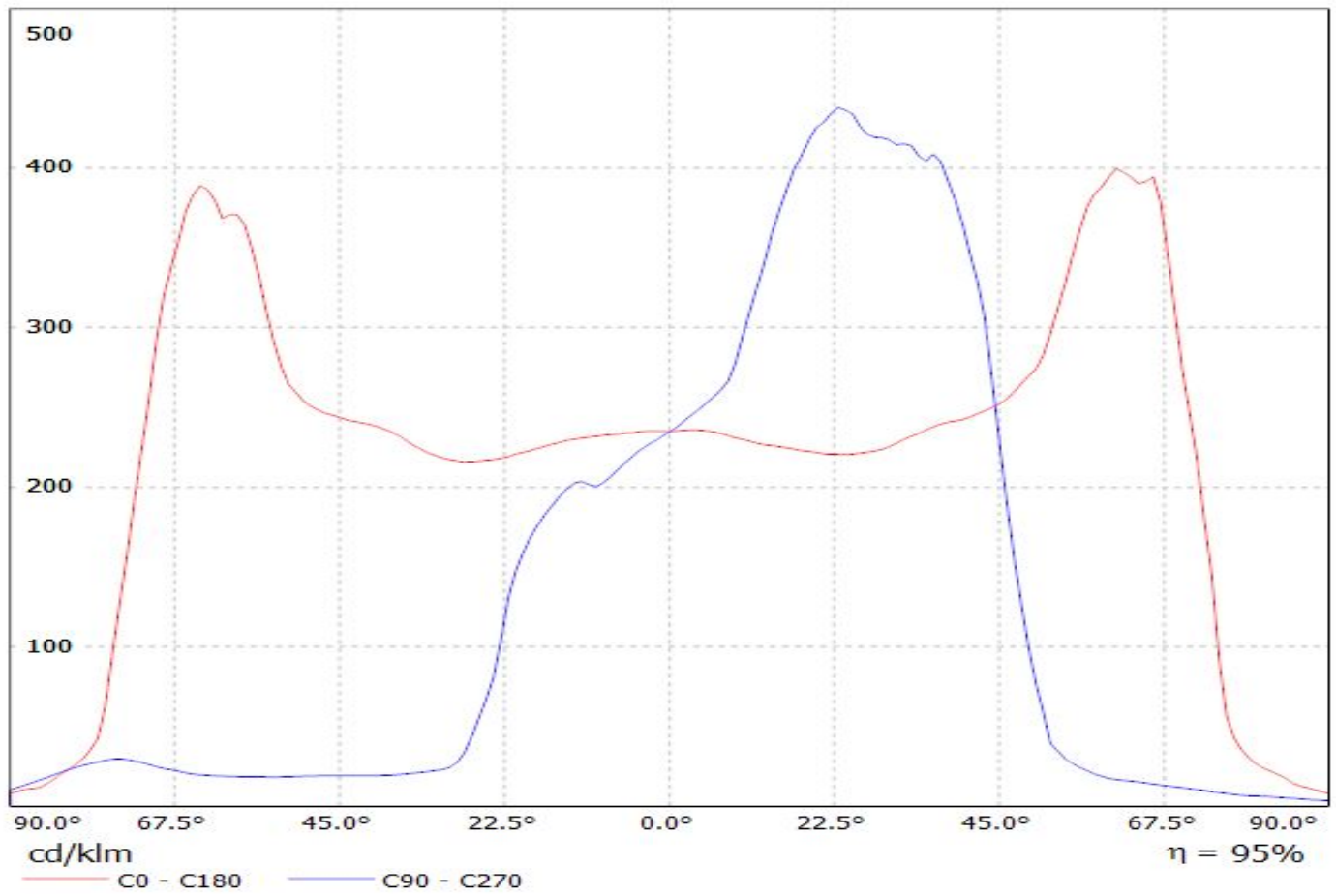| DESIGNED BY	DATE				
-	-	SCALE 2:1	WEIGHT 4,80 g	SHEET 1/1	

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)

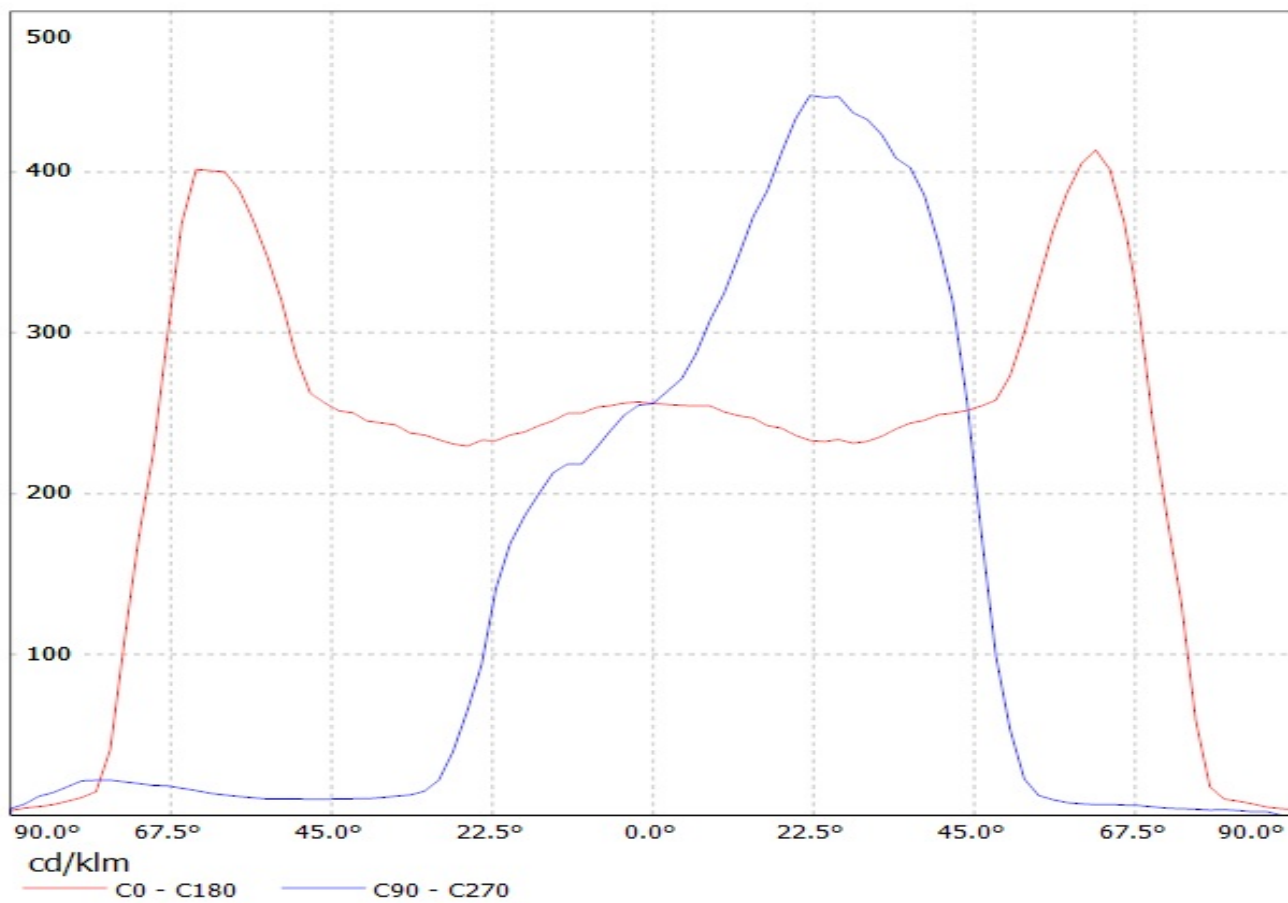cd/klm

C0 - C180   C90 - C270

Luminaire: LEDil Oy C13118_STRADA-SQ-A-T_(XM-L2) Efficiency=94%
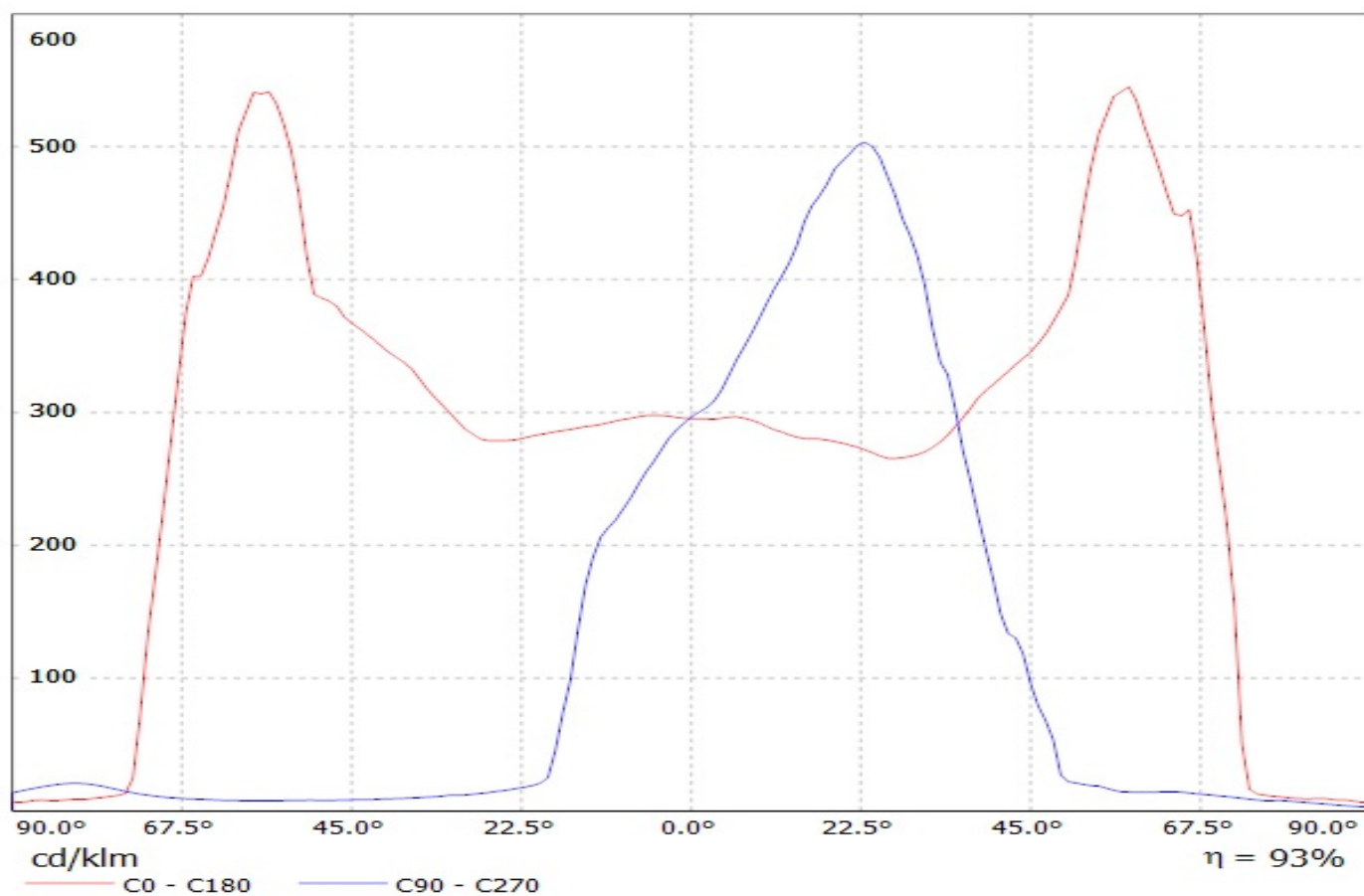Lamps: 1 x Cree XM-L2 (XMLBWT-0-7B4*T30-0L-0001) 91lm @ 250mA CCT=3200K P=0.7W I=250mA

cd/klm

C0 - C180   C90 - C270

Luminaire: LEDiL Oy C13118_STRADA-SQ-A-T_(Cree_XHP50_Cool_White)
Lamps: 1 x Cree_XHP50_Cool_White_244.145lm@250mA_P=1.42855W_I=0.2499A

cd/klm

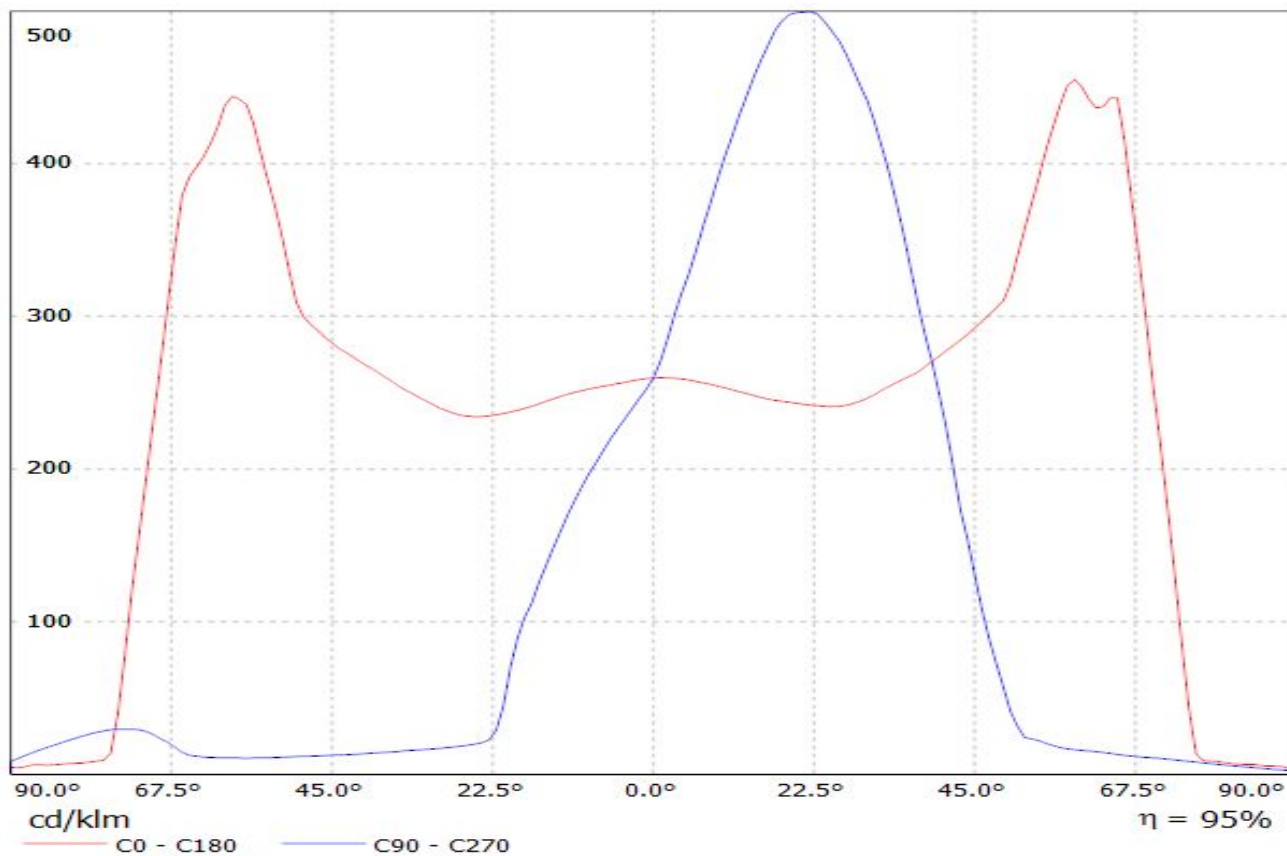η = 95%

C0 - C180   C90 - C270

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

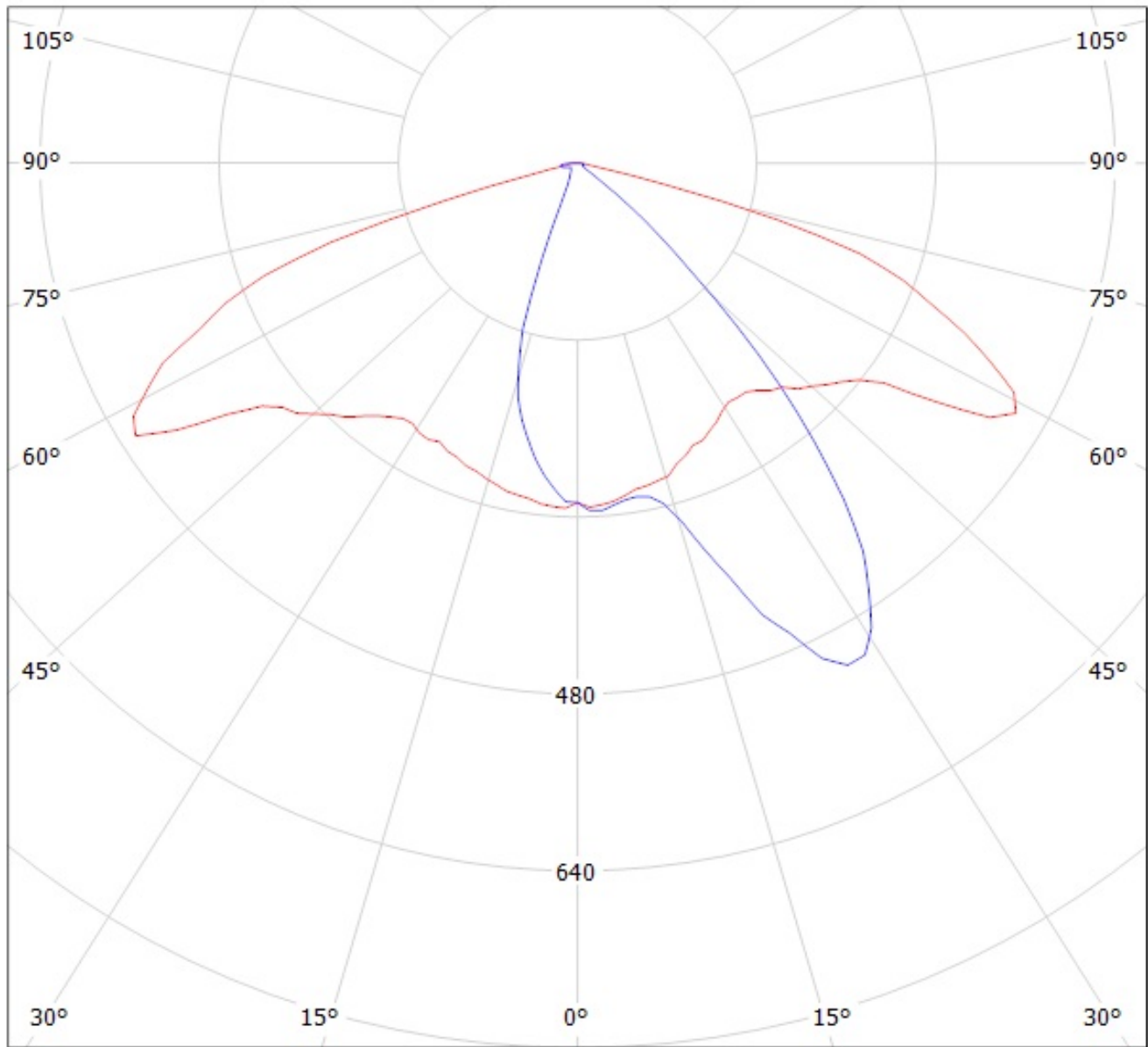C0 - C180   C90 - C270

Luminaire: LEDiL Oy CA13119_STRADA-SQ-A-T_(LUXEON-MZ) Eff: 93%
Lamps: 1 x LUXEON-MZ_263.073lm@250mA_P=2.7399W_I=249.9mA

cd/klm   η = 93%

—— C0 - C180   —— C90 - C270

Luminaire: LEDiL Oy C13118_STRADA-SQ-A-T_(NFMx48xAR)
Lamps: 1 x Nichia_NFMx48xAR_(NFMW488AR)_574.333lm@100mA_P=4.0048W_I=0.100A

cd/klm

η = 95%

C0 - C180   C90 - C270

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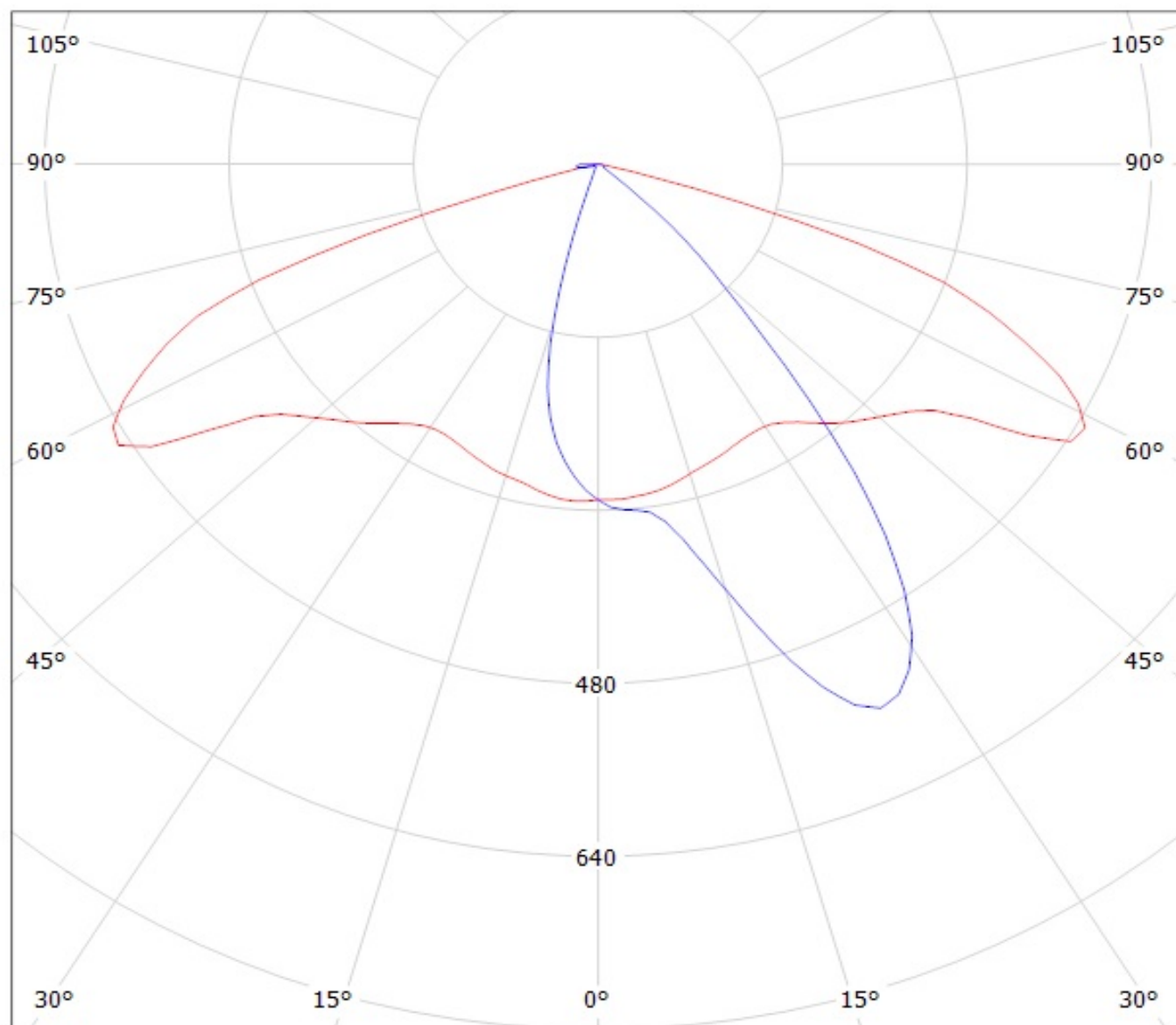Lamps: 1 x Cree XM-L (84lm@250mA)

cd/klm

——— C0 - C180   ——— C90 - C270

Luminaire: LEDil Oy C13118_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=0.7W I=250mA
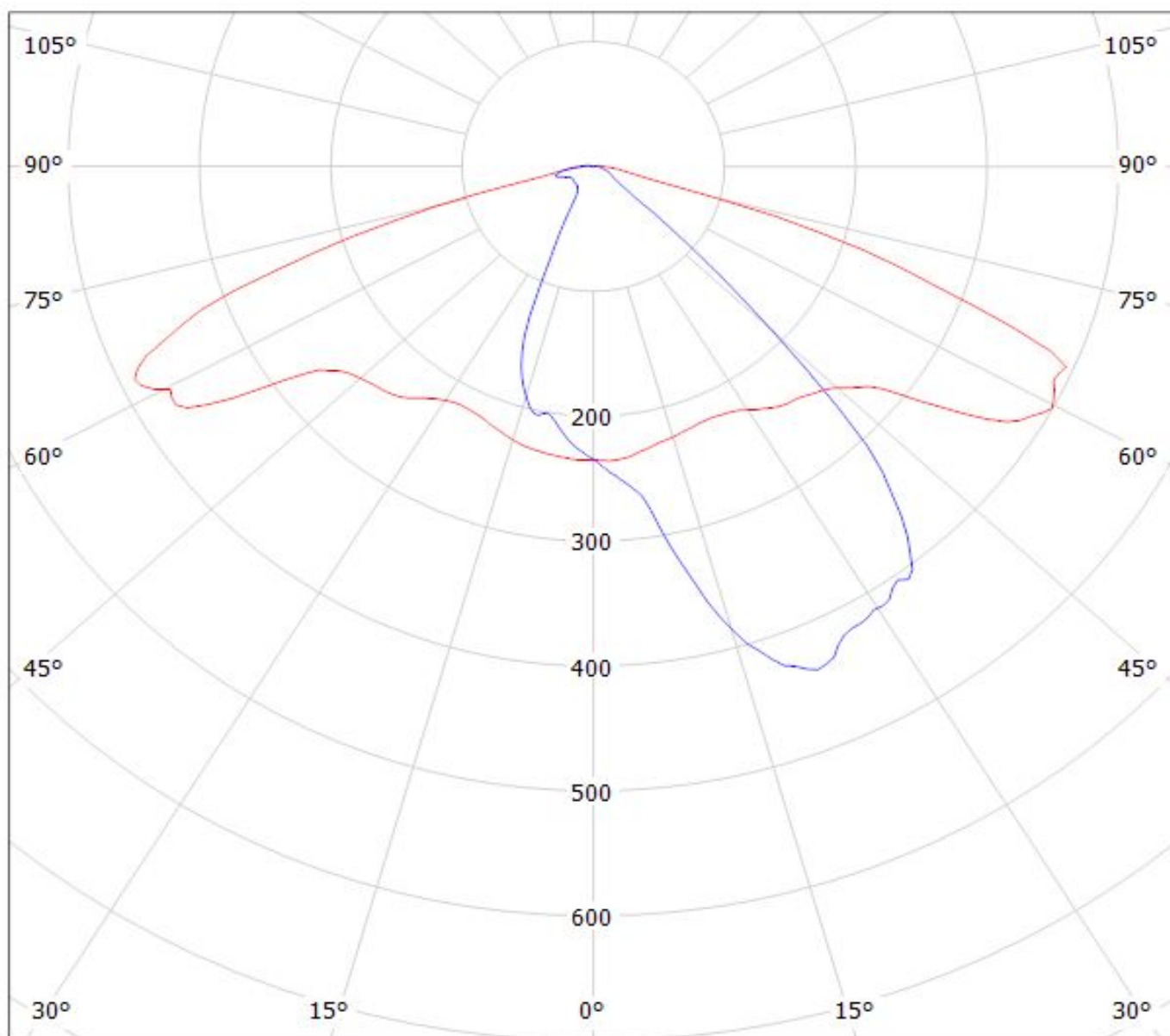

cd/klm
— C0 - C180   — C90 - C270

Luminaire: LEDiL Oy C13118_STRADA-SQ-A-T_(Cree_XHP50_Cool_White)
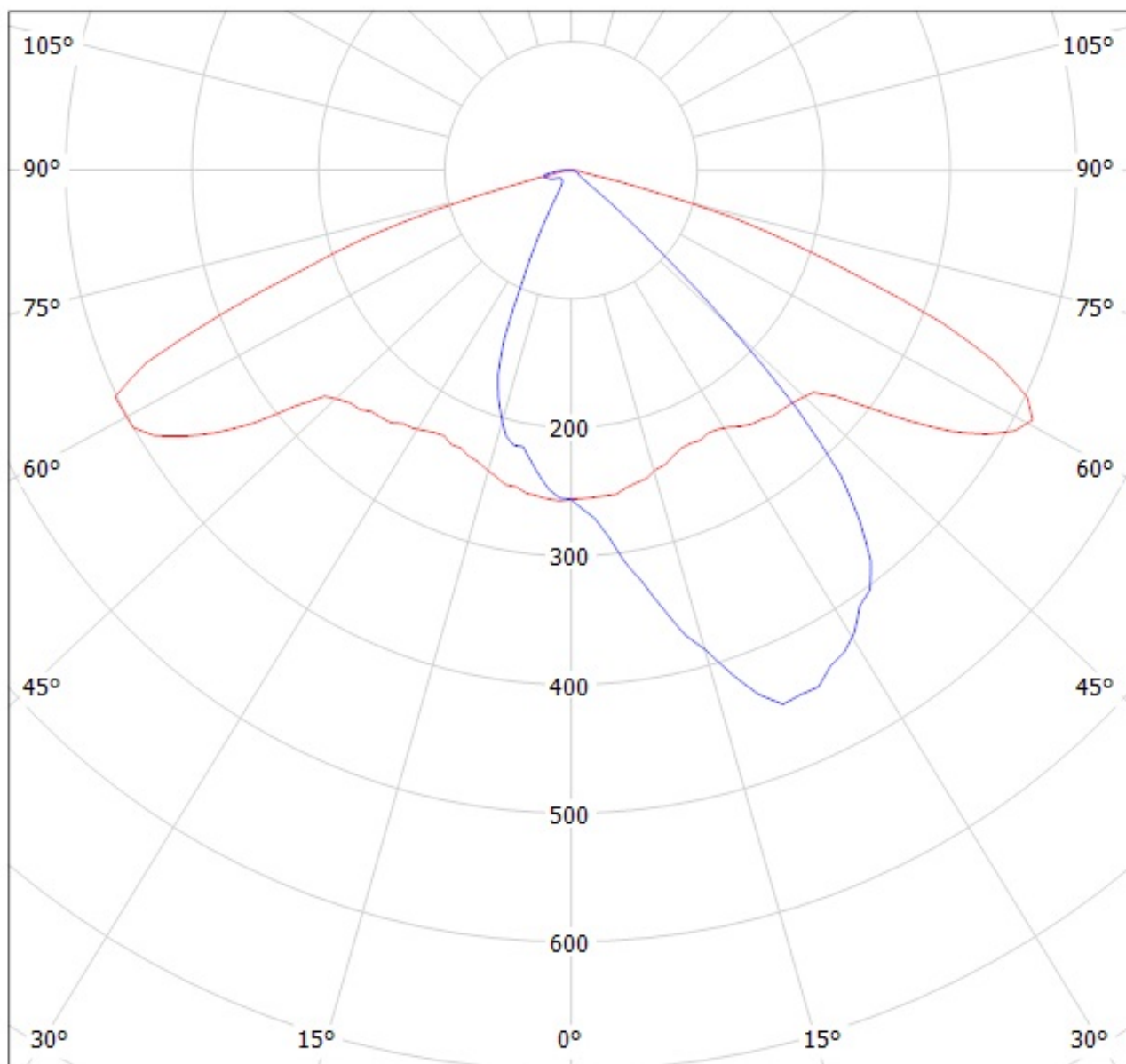Lamps: 1 x Cree_XHP50_Cool_White_244.145lm@250mA_P=1.42855W_I=0.2499A

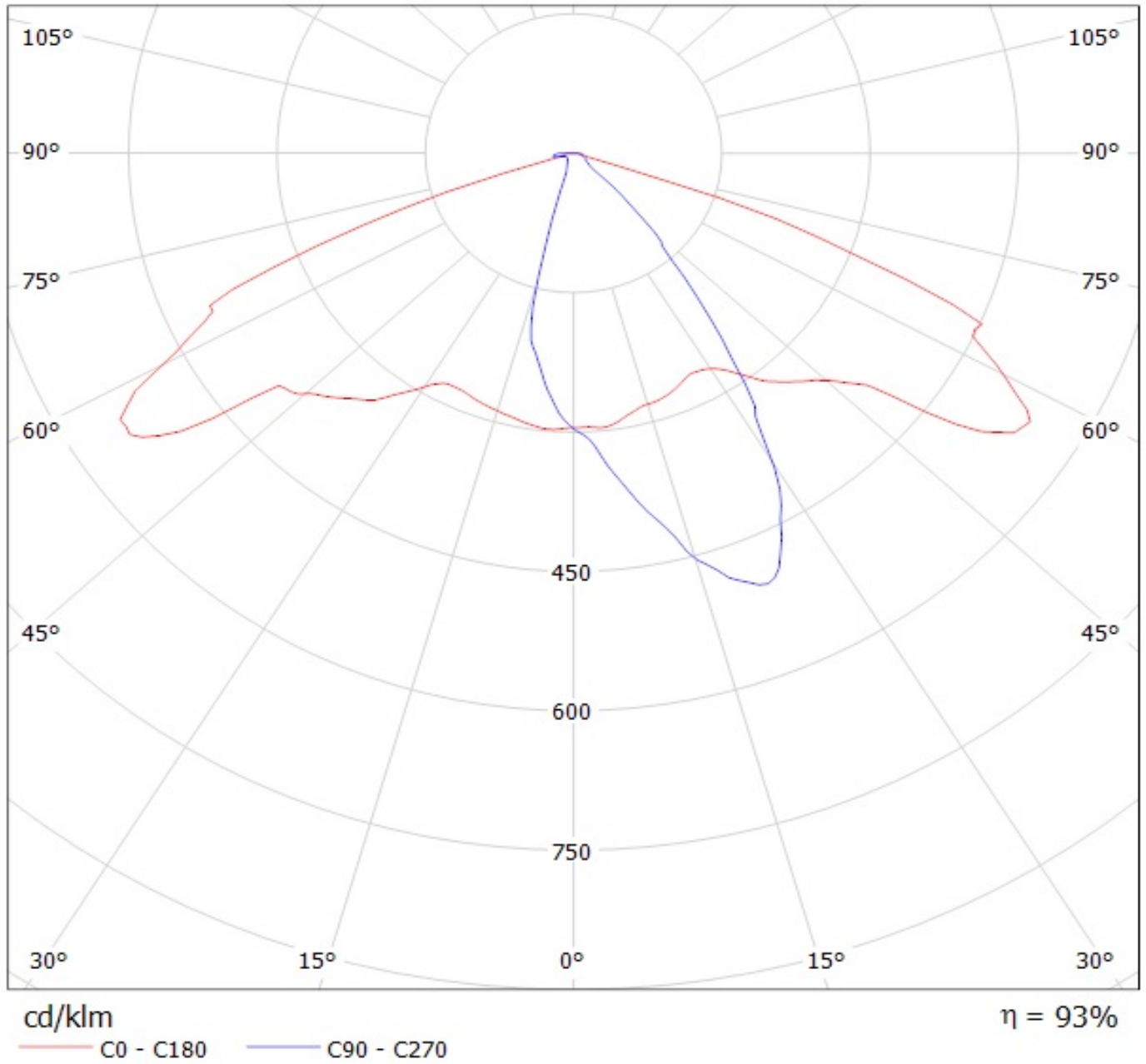cd/klm

η = 95%

C0 - C180   C90 - C270

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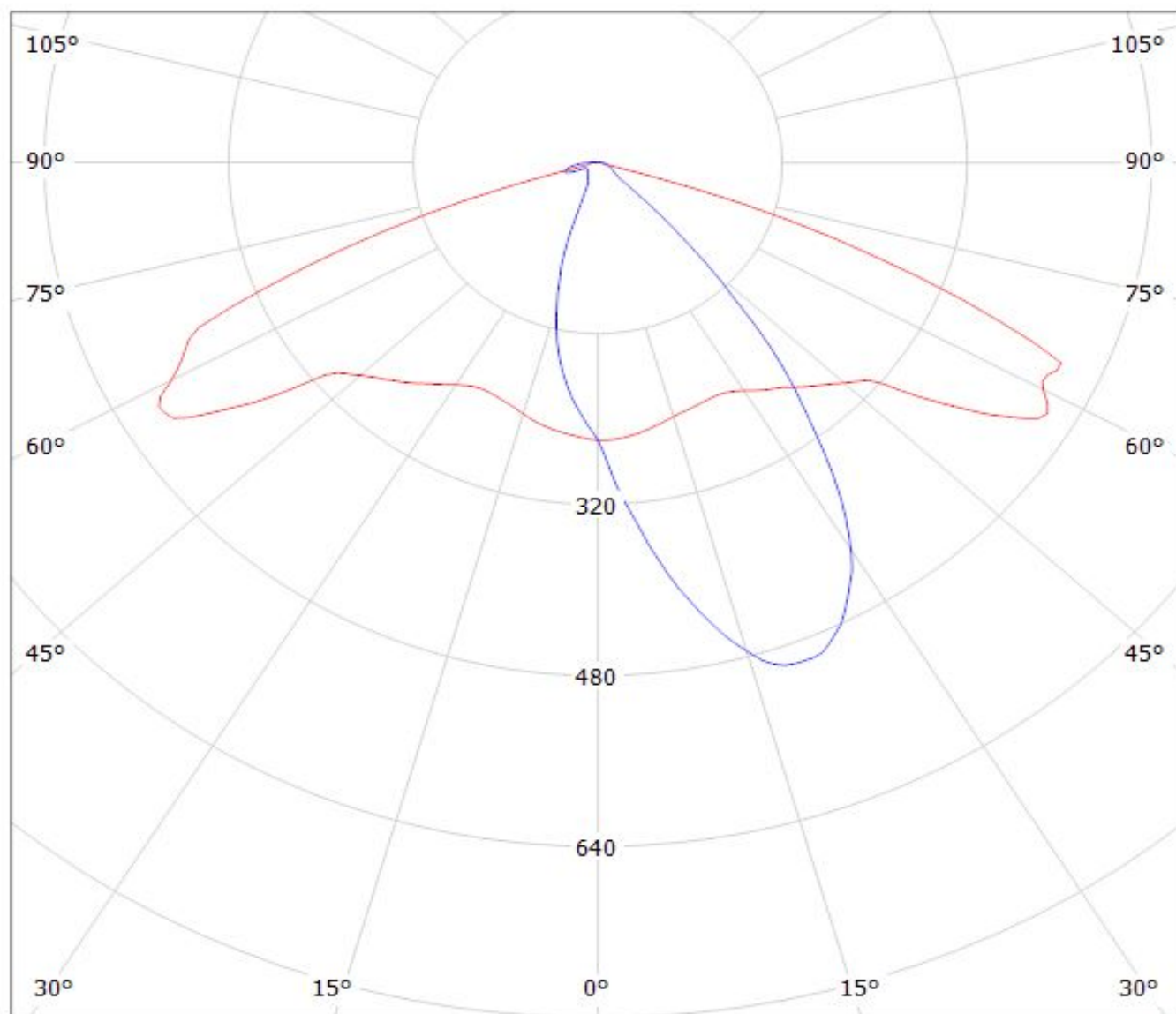Lamps: 1 x Luxeon M 362lm @ 250mA

cd/klm

——— C0 - C180   ——— C90 - C270

Luminaire: LEDiL Oy CA13119_STRADA-SQ-A-T_(LUXEON-MZ) Eff: 93%
Lamps: 1 x LUXEON-MZ_263.073lm@250mA_P=2.7399W_I=249.9mA

cd/klm

η = 93%

——— C0 - C180   ——— C90 - C270

Luminaire: LEDiL Oy C13118_STRADA-SQ-A-T_(NFMx48xAR)
Lamps: 1 x Nichia_NFMx48xAR_(NFMW488AR)_574.333lm@100mA_P=4.0048W_I=0.100A

cd/klm

η = 95%

—— 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.