

DETAILS

Product Number	CA13119_STRADA-SQ-A-T
Family	Strada-SQ
Type	Assembly
Color	clear
Diameter	25 + 25 mm
Height	9.1 mm
Style	square
Optic Material	PMMA
Holder Material	
Fastening	screw, pin, tape
Status	ready
ROHS Compliant	Yes
Date Updated	22/09/2014

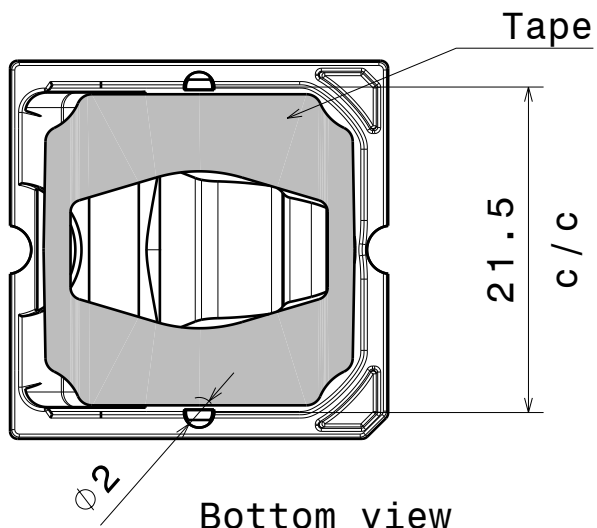
OPTICAL PROPERTIES

LED	Viewing	Light	Effi-	cd/lm	Connector
	Angle	Beam			
NS9x383	Asymmetric deg	Streetligh...	92 %	0.700	-
LUXEON TX	Asymmetric deg	Streetligh...	94 %	0.880	-
XHP50	Asymmetric deg	Streetligh...	94 %	0.580	-
LUXEON M	Asymmetric deg	Streetligh...	93 %	0.300	-
XP-L	Asymmetric deg	Streetligh...	93 %	0.700	-
LUXEON T	Asymmetric deg	Streetligh...	92 %	0.900	-
XM-L2	Asym deg	Streetligh...	94 %	0.700	-
LUXEON MZ	Asym deg	Streetligh...	93 %	0.800	-
XM-L	Asymmetric deg	Streetligh...	93 %	0.300	-

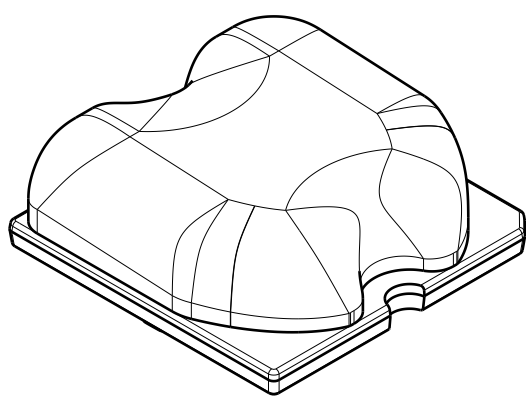


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4

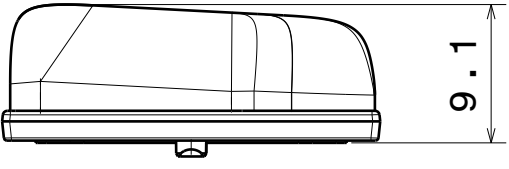


Bottom view

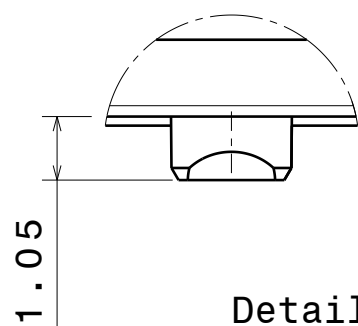


Isometric view

3

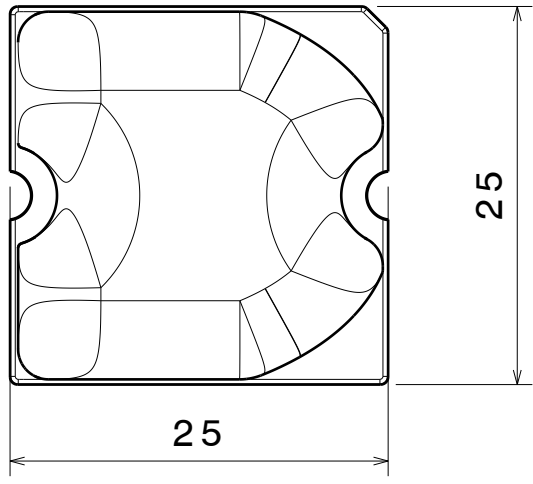


Front view



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

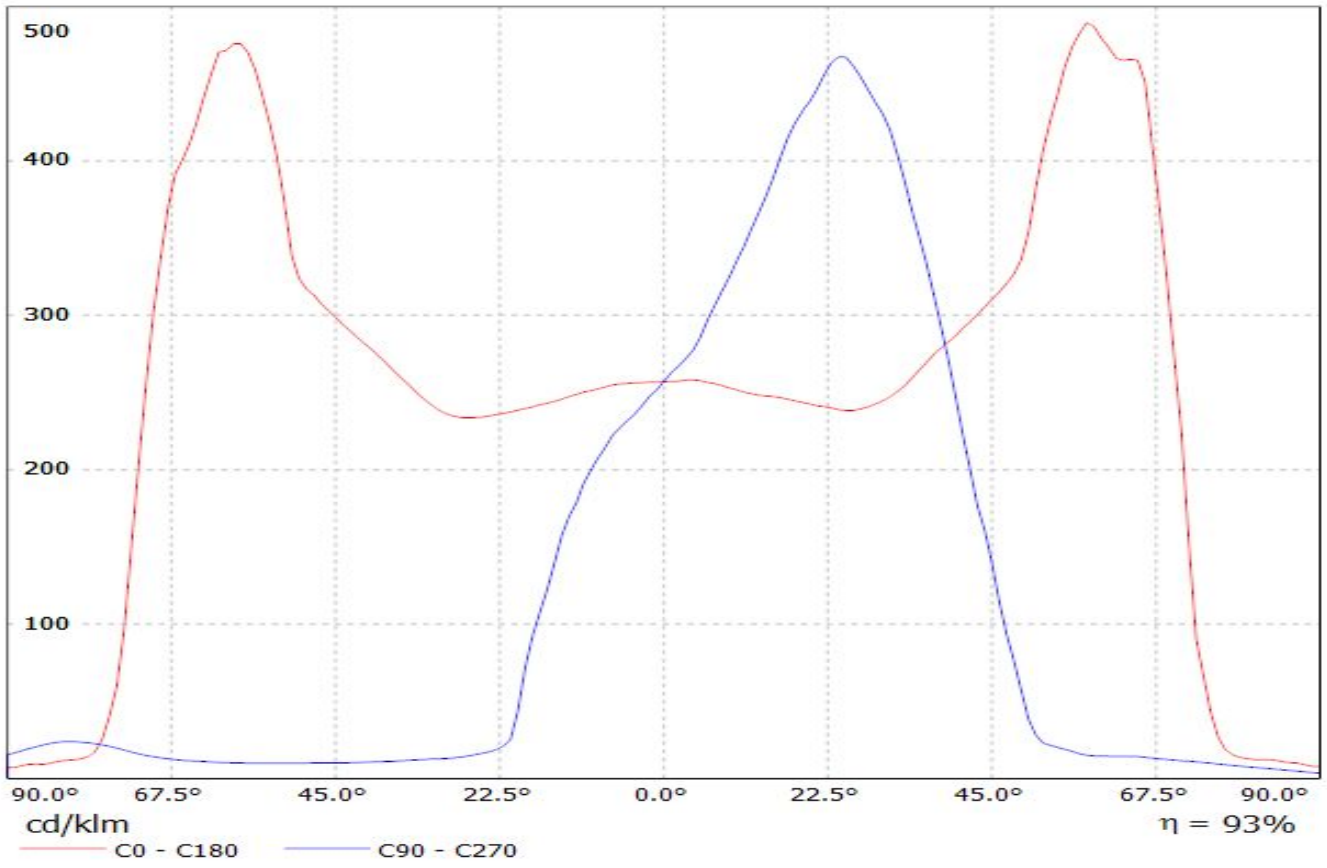
1

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	
DRAWN BY as		DATE 25.9.2012		DRAWING TITLE Mechanical drawing	
CHECKED BY VS		DATE -		SIZE A4	
DESIGNED BY -		DATE -		PART NUMBER	
		SCALE 2:1		WEIGHT 4,80 g	
				REV 001	
				SHEET 1/1	

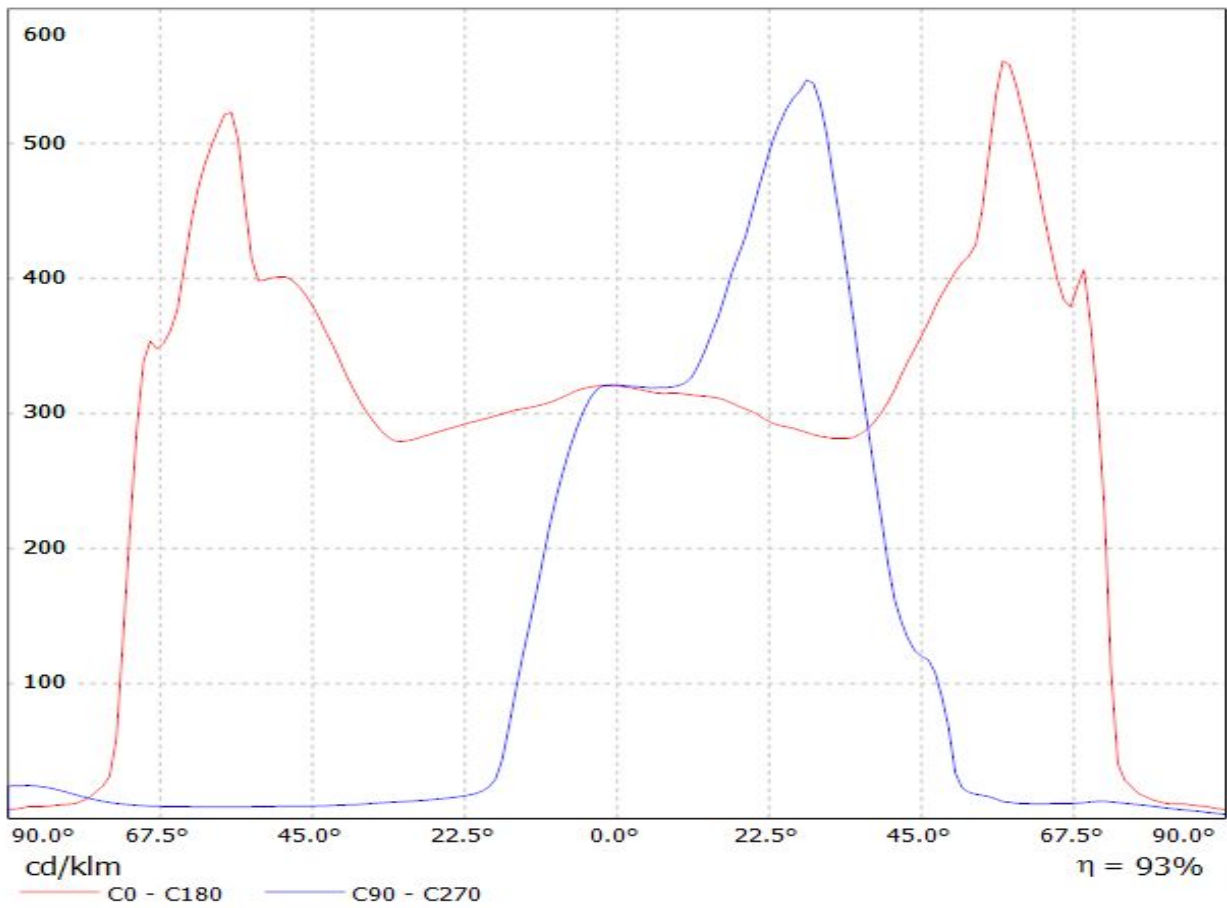
1

D A

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

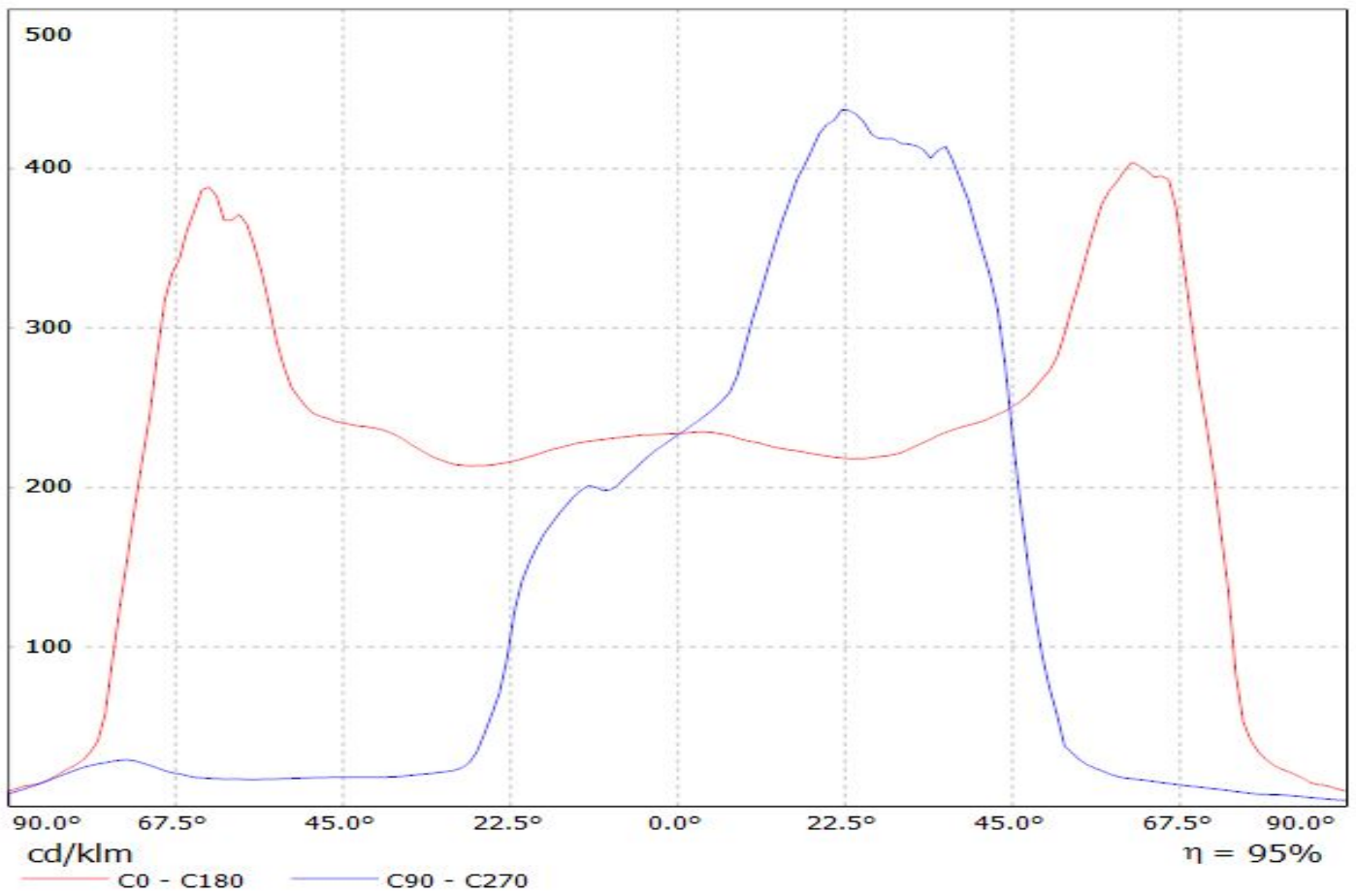


Luminaire: LEDiL Oy CA13119_STRADA-SQ-A-T_(Luxeon_TX) Eff.93.5%
Lamps: 1 x Luxeon_TX_(L1T2-3585)_80.2531lm@250mA_CCT=3500K_P=0.730933W_I=249.9mA

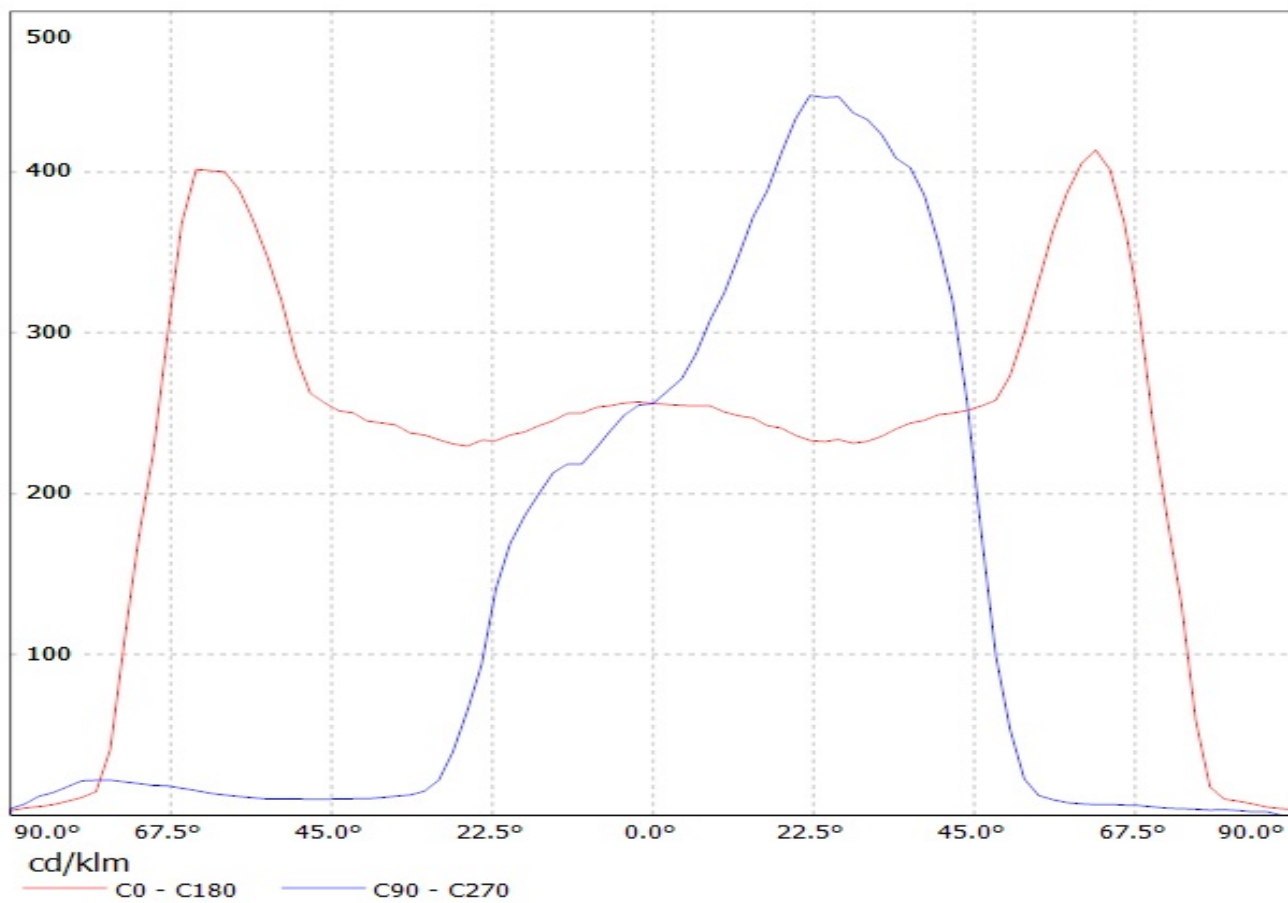


Luminaire: LEDiL Oy CA13119_STRADA-SQ-A-T_(XHP50_cool_white)

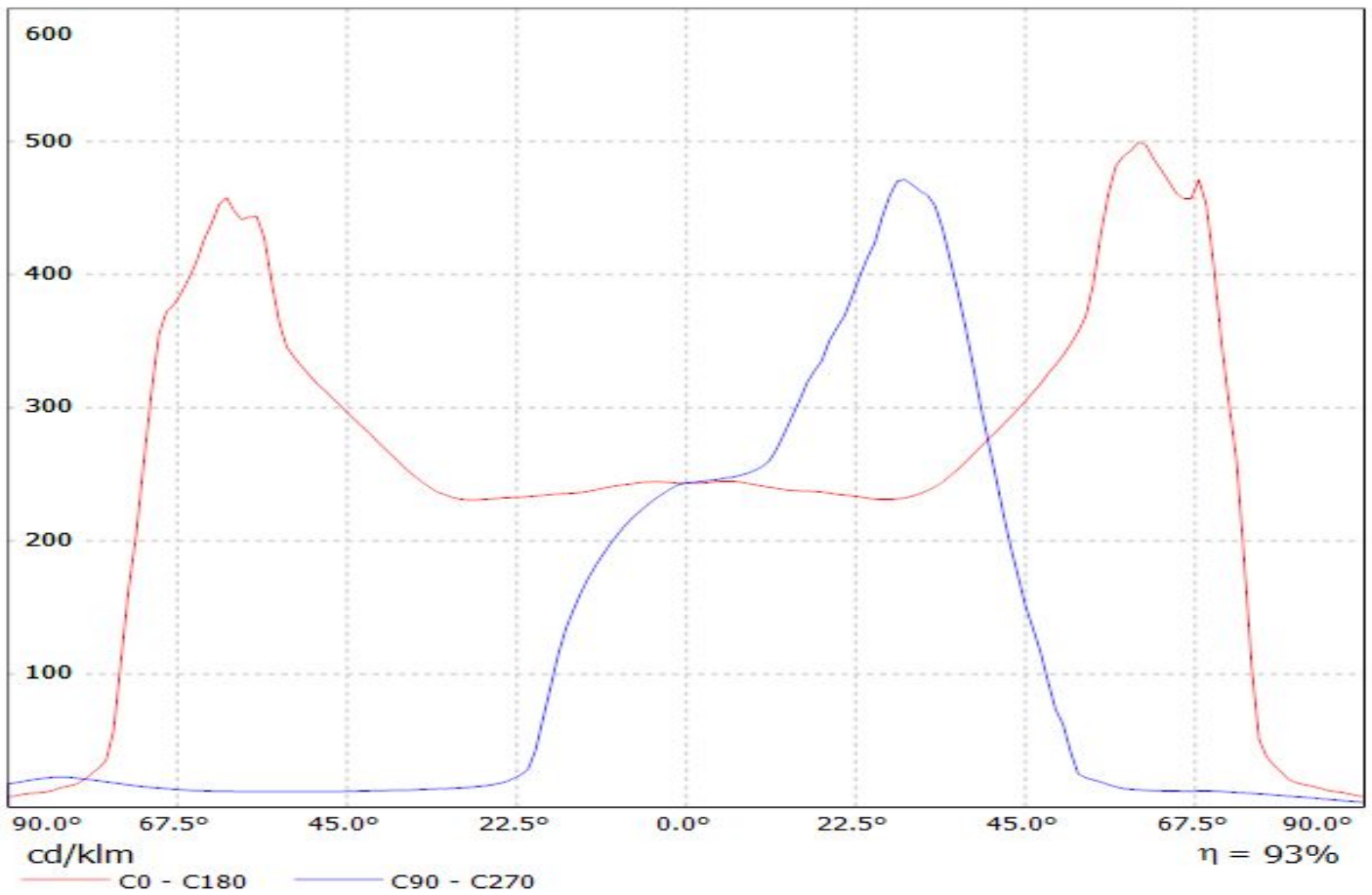
Lamps: 1 x CREE_XHP50_cool_white_246.221lm@250mA_P=1.42945W_I=249.9mA



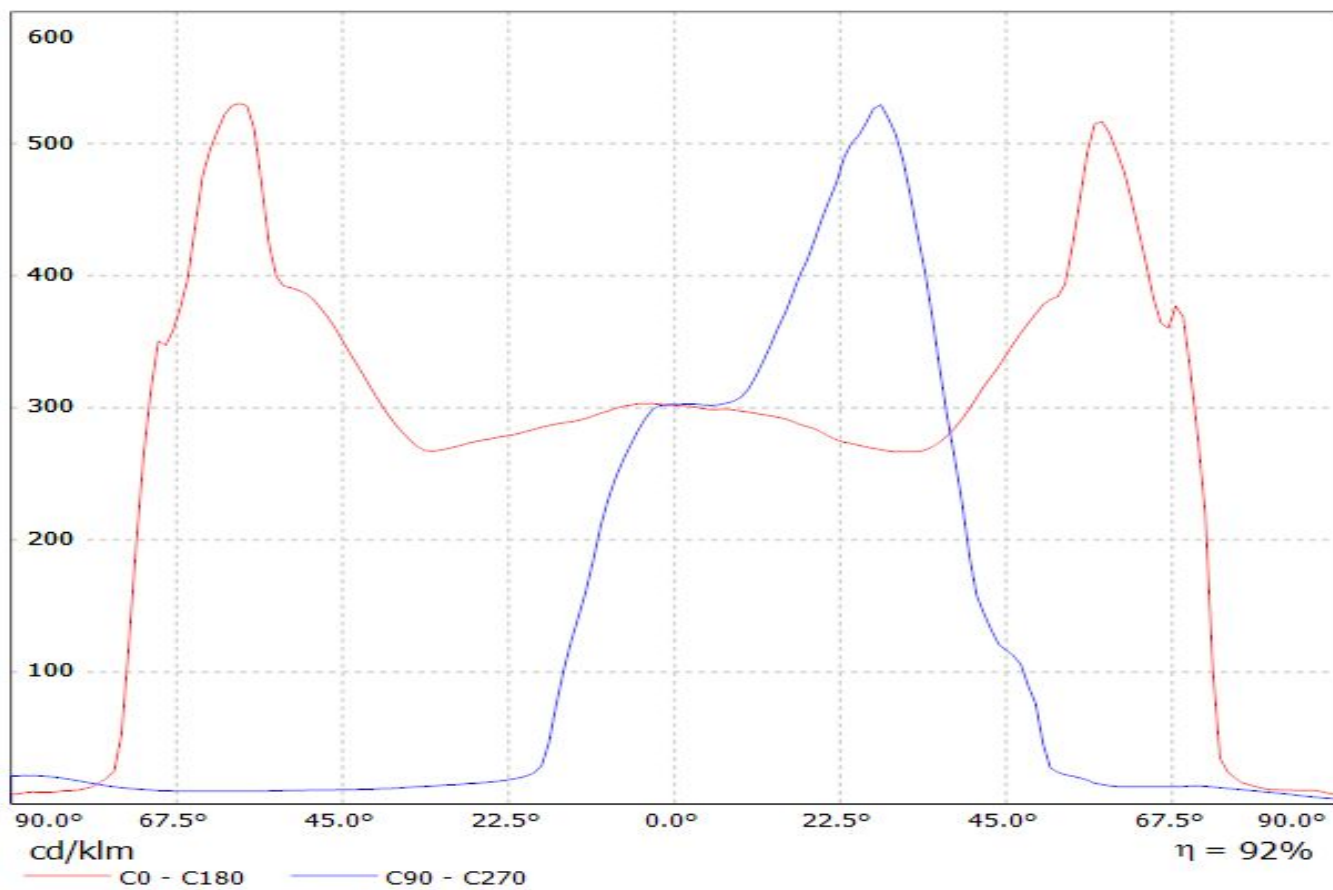
Luminaire: LEDiL Oy C13118_ & CA13119_STRADA-SQ-A-T-LuxM (Luxeon M 362lm @ 250mA) Efficiency=93%
Lamps: 1 x Luxeon M 362lm @ 250mA



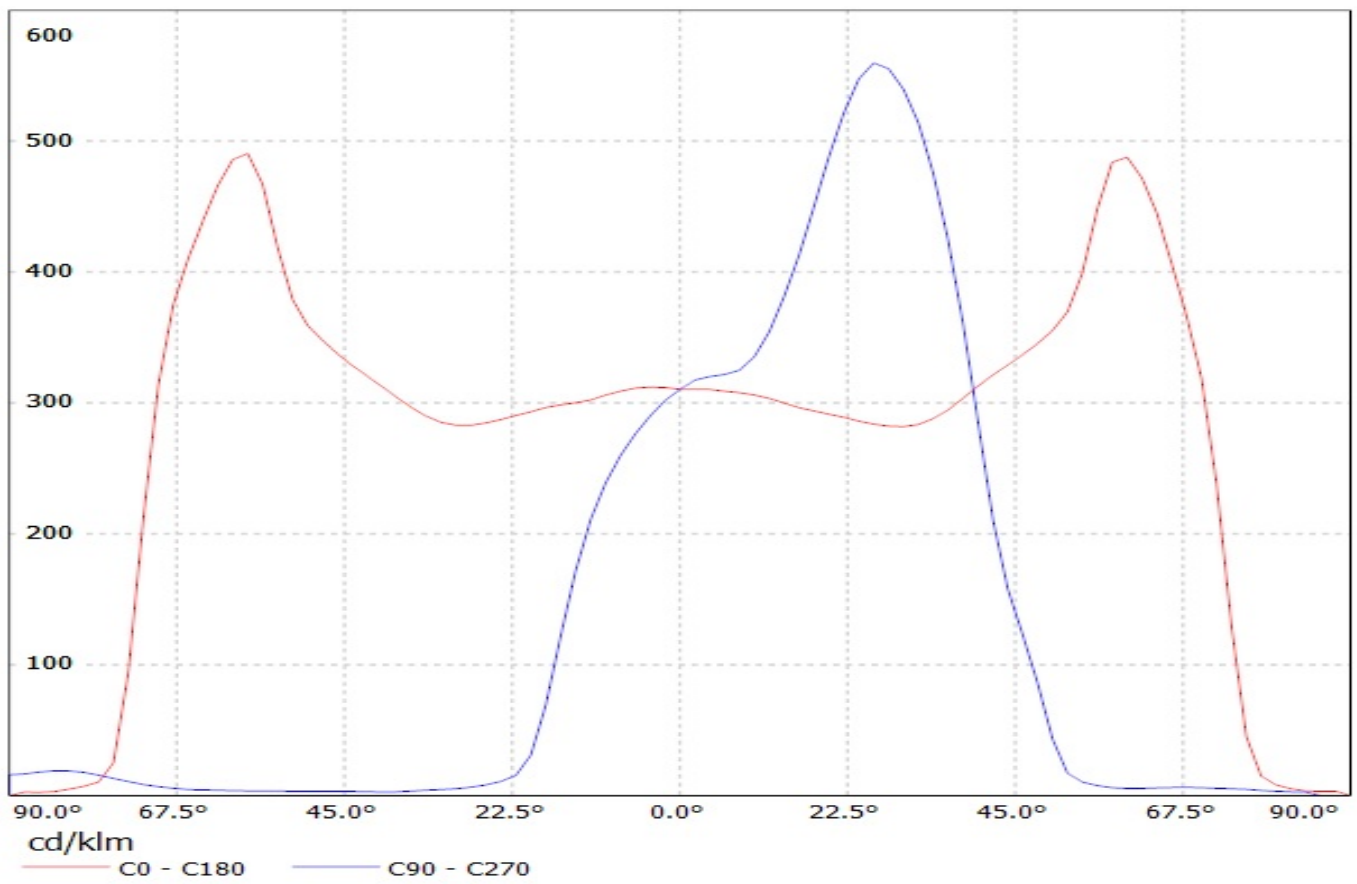
Luminaire: LEDiL Oy CA13119_STRADA-SQ-A-T_(XP-L)
Lamps: 1 x Cree_XP-L_125.584lm@250mA_P=0.738255W_I=249.9mA



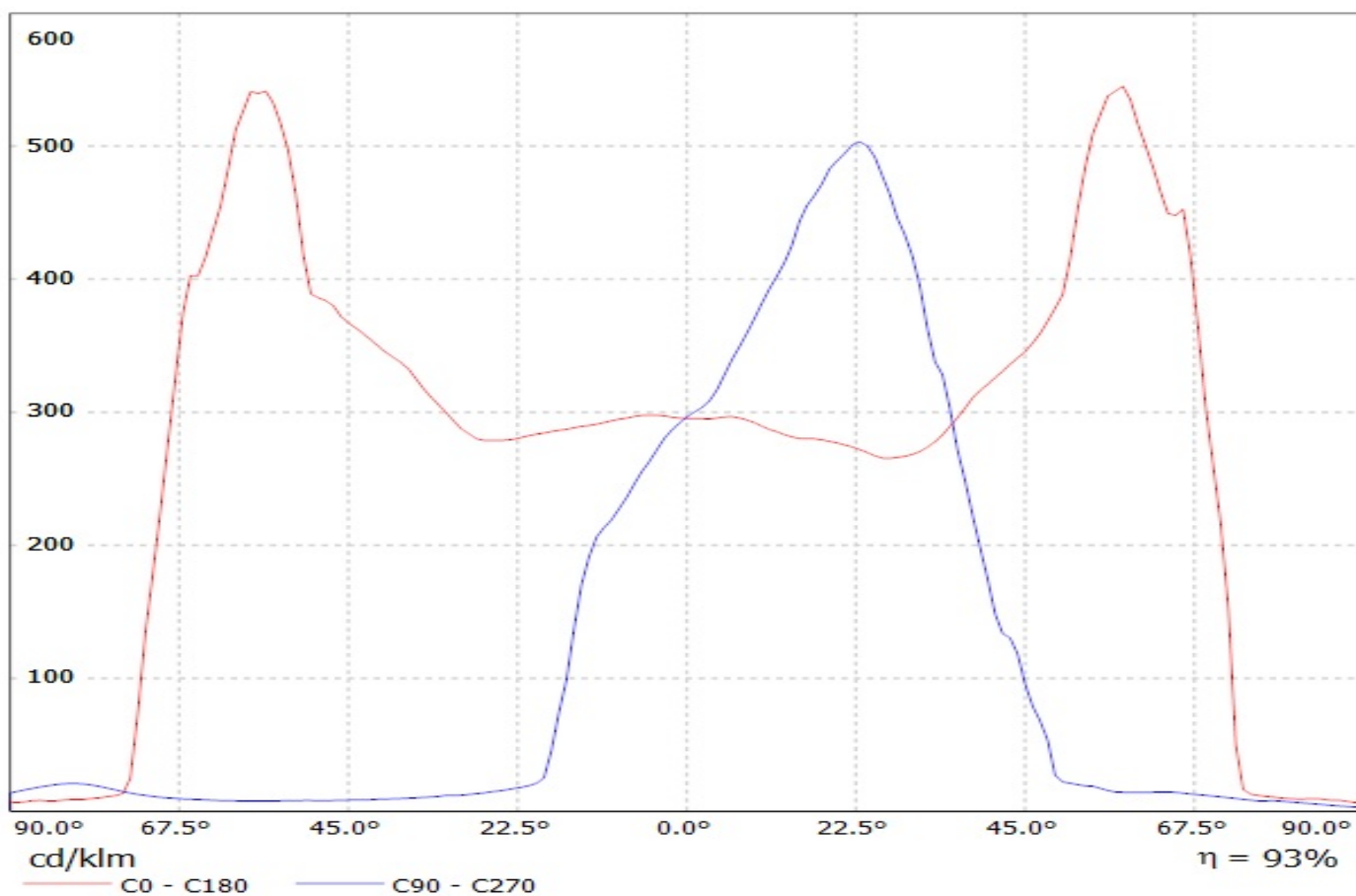
Luminaire: LEDiL Oy CA13119_STRADA-SQ-AT_(LUXEON_T)_2 Eff.92.3%
Lamps: 1 x LUXEON_T (74lm@250mA)



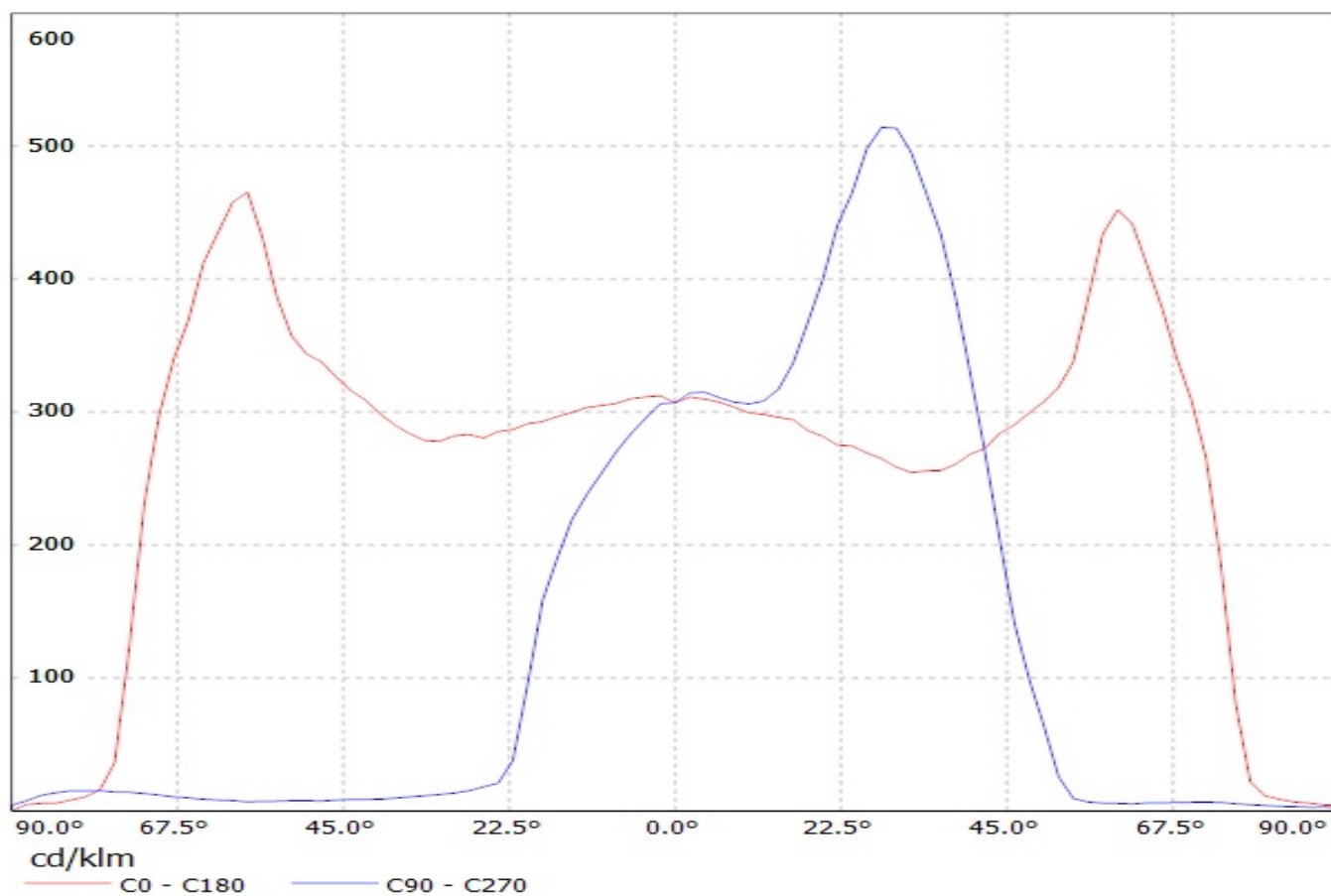
Luminaire: LEDil Oy CA13119_STRADA-SQ-A-T_(XM-L2) Efficiency=94%
Lamps: 1 x Cree XM-L2 (XMLBWT-0-7B4-T30-0L-0001) 91lm @ 250mA CCT=3200K P=2.8W I=250mA



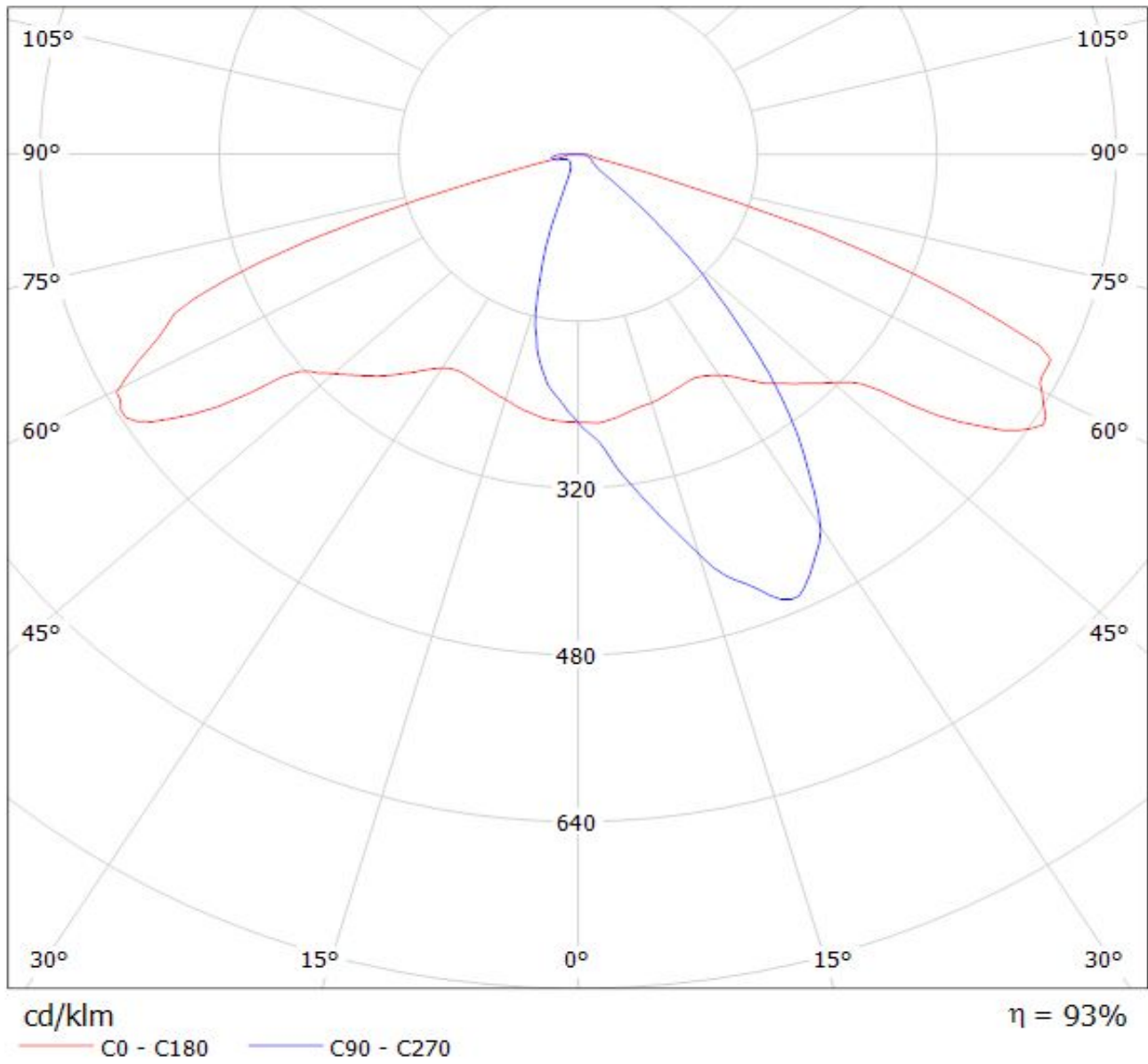
Luminaire: LEDiL Oy CA13119_STRADA-SQ-A-T_(LUXEON-MZ) Eff.93.0%
Lamps: 1 x LUXEON-MZ_263.073lm@250mA_P=2.7399W_I=249.9mA



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)

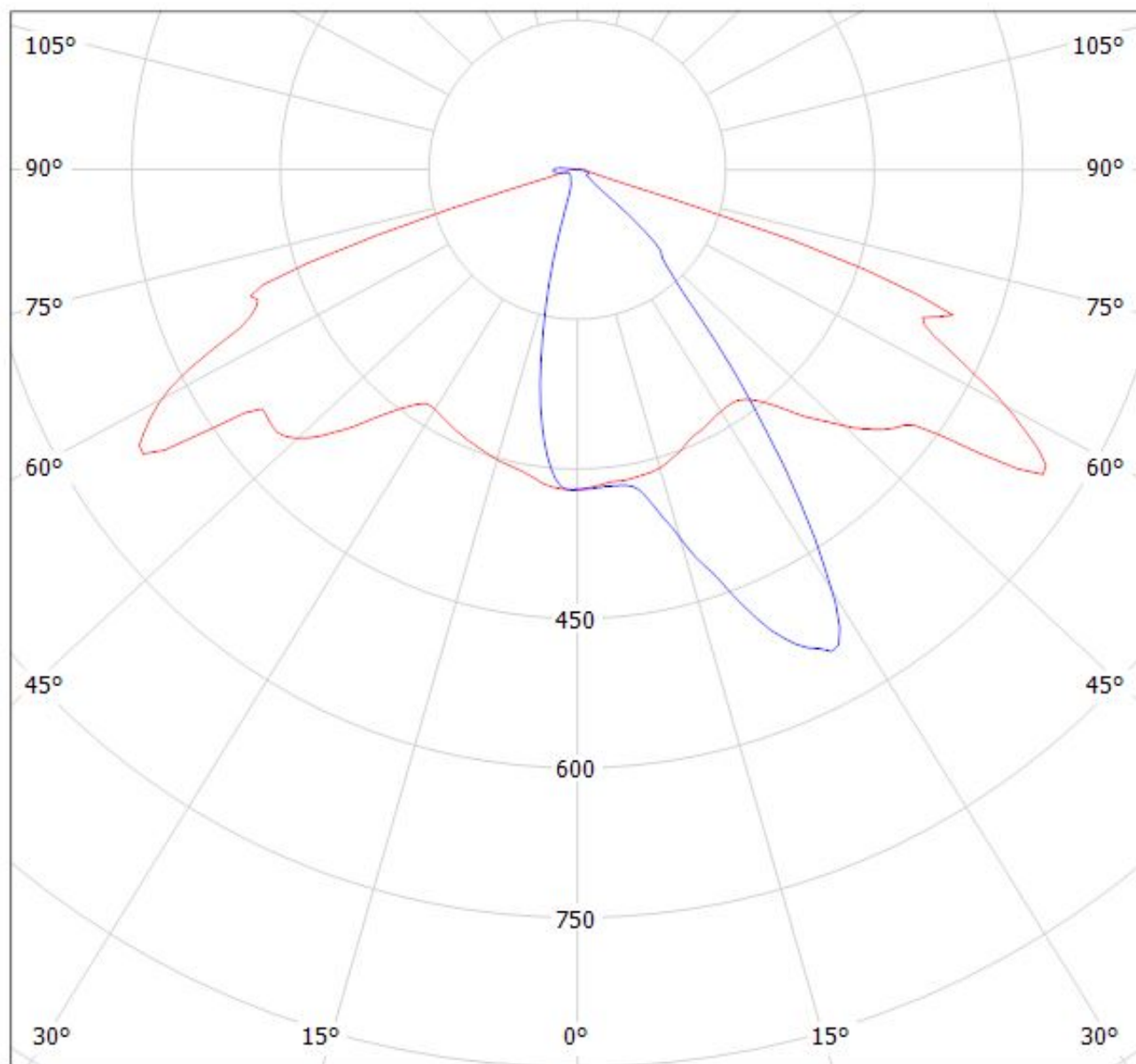


Luminaire: LEDiL Oy CA13119_STRADA-SQ-A-T_(NS9x383) Eff. 93,3%
Lamps: 1 x Nichia NS9x383 (105lm@250mA)



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

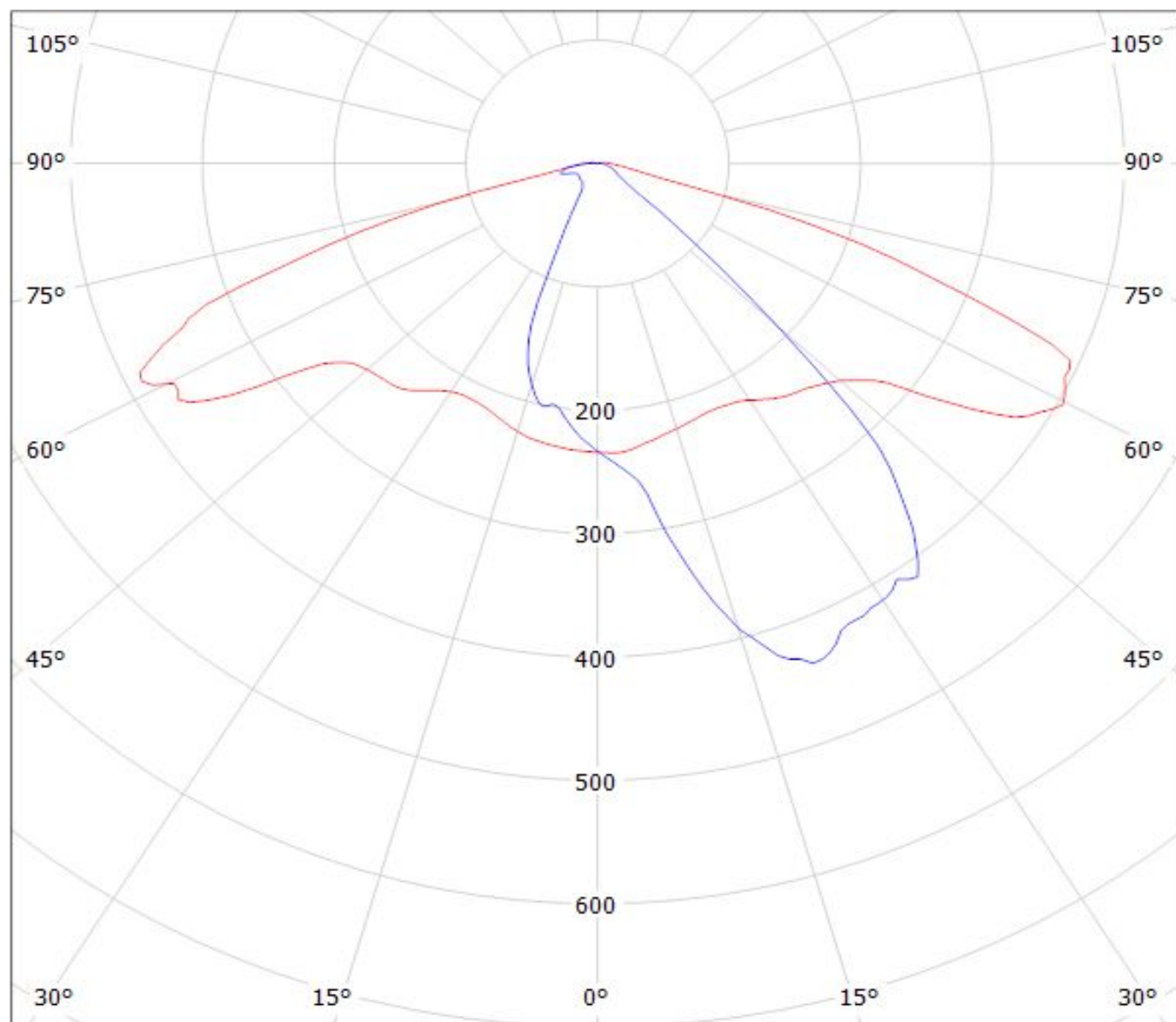
$\eta = 93\%$

— C0 - C180

— C90 - C270

Luminaire: LEDiL 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



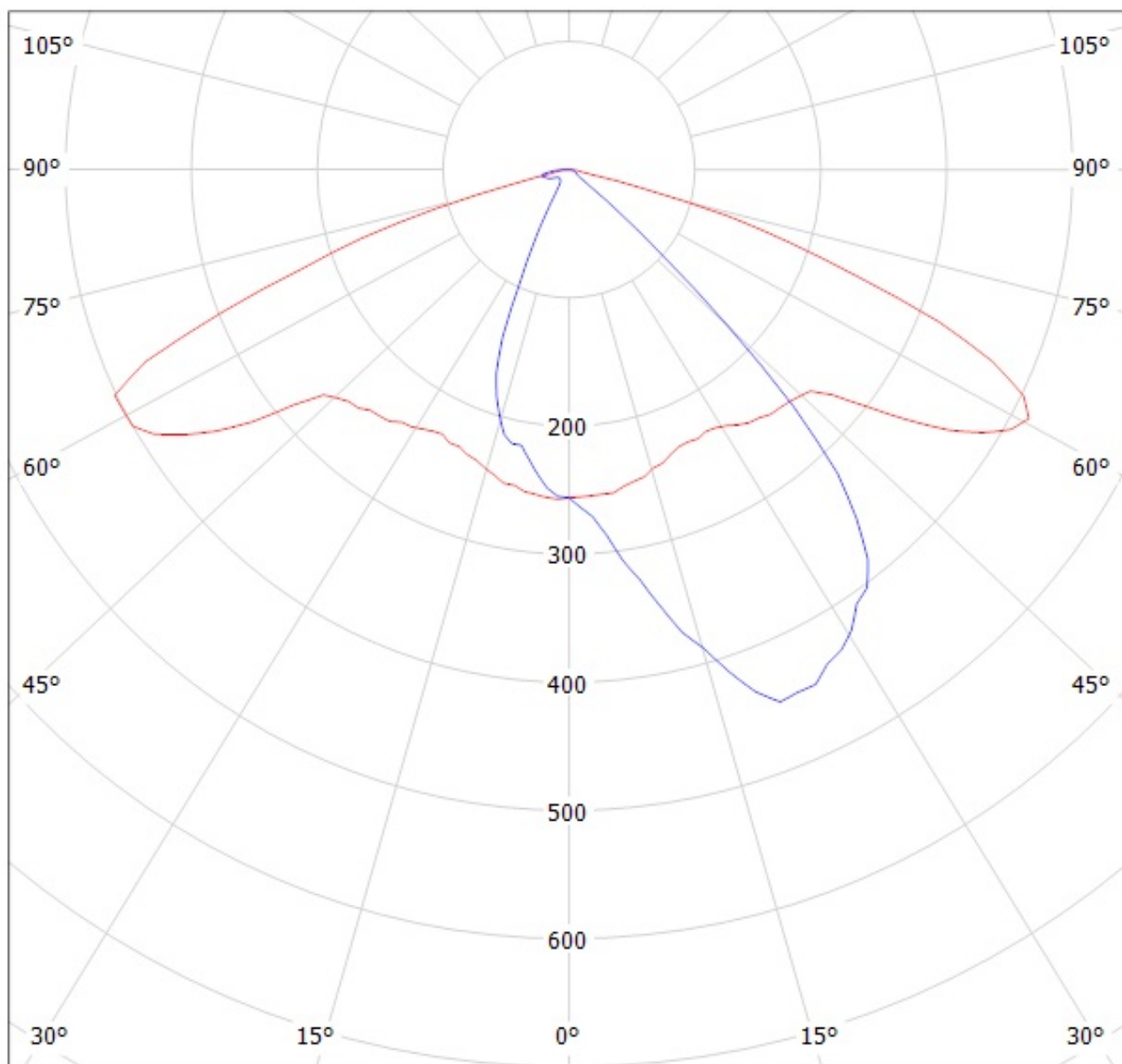
cd/klm

— C0 - C180

— C90 - C270

η = 95%

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

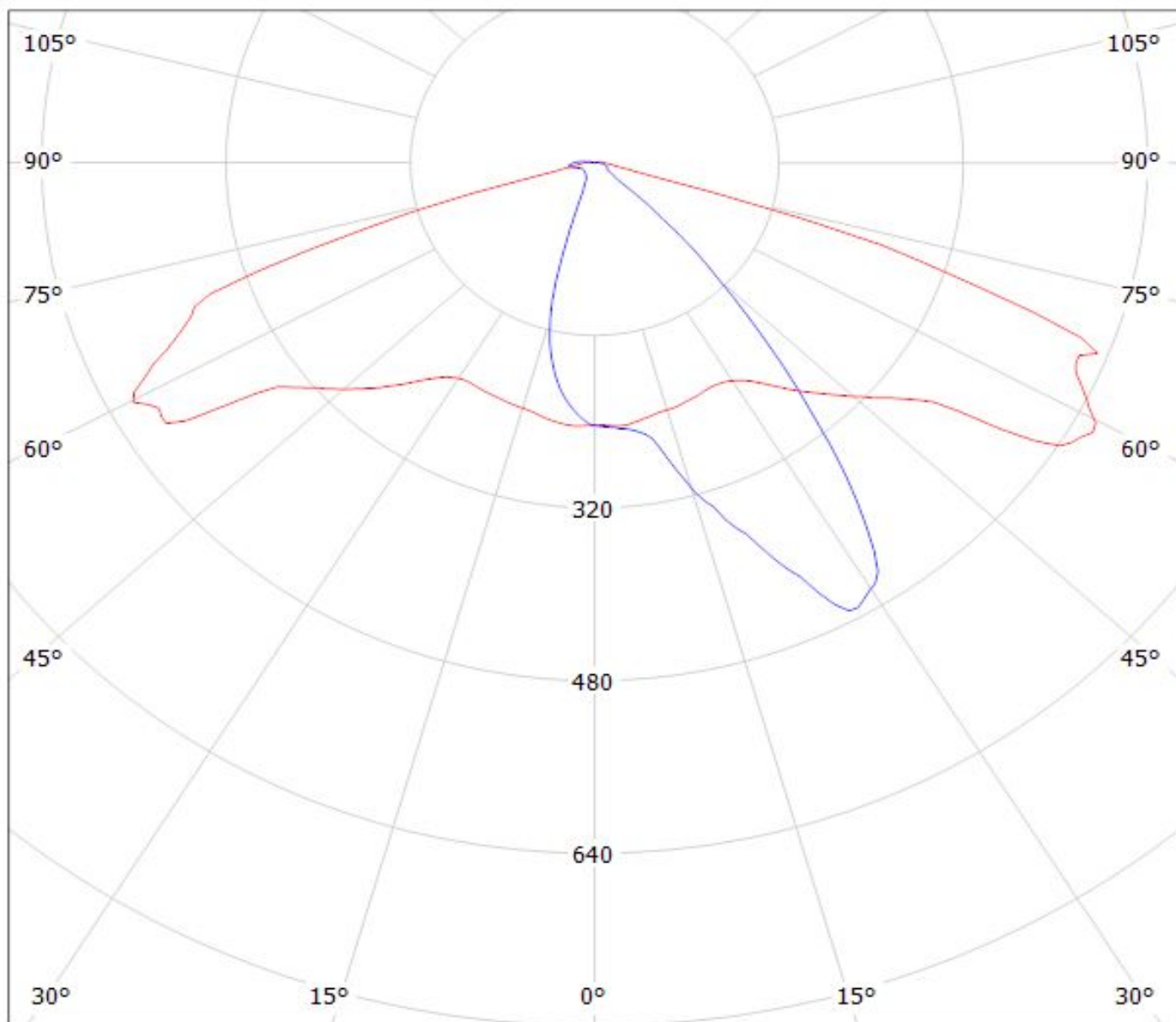


cd/klm

— C0 - C180 — C90 - C270

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

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



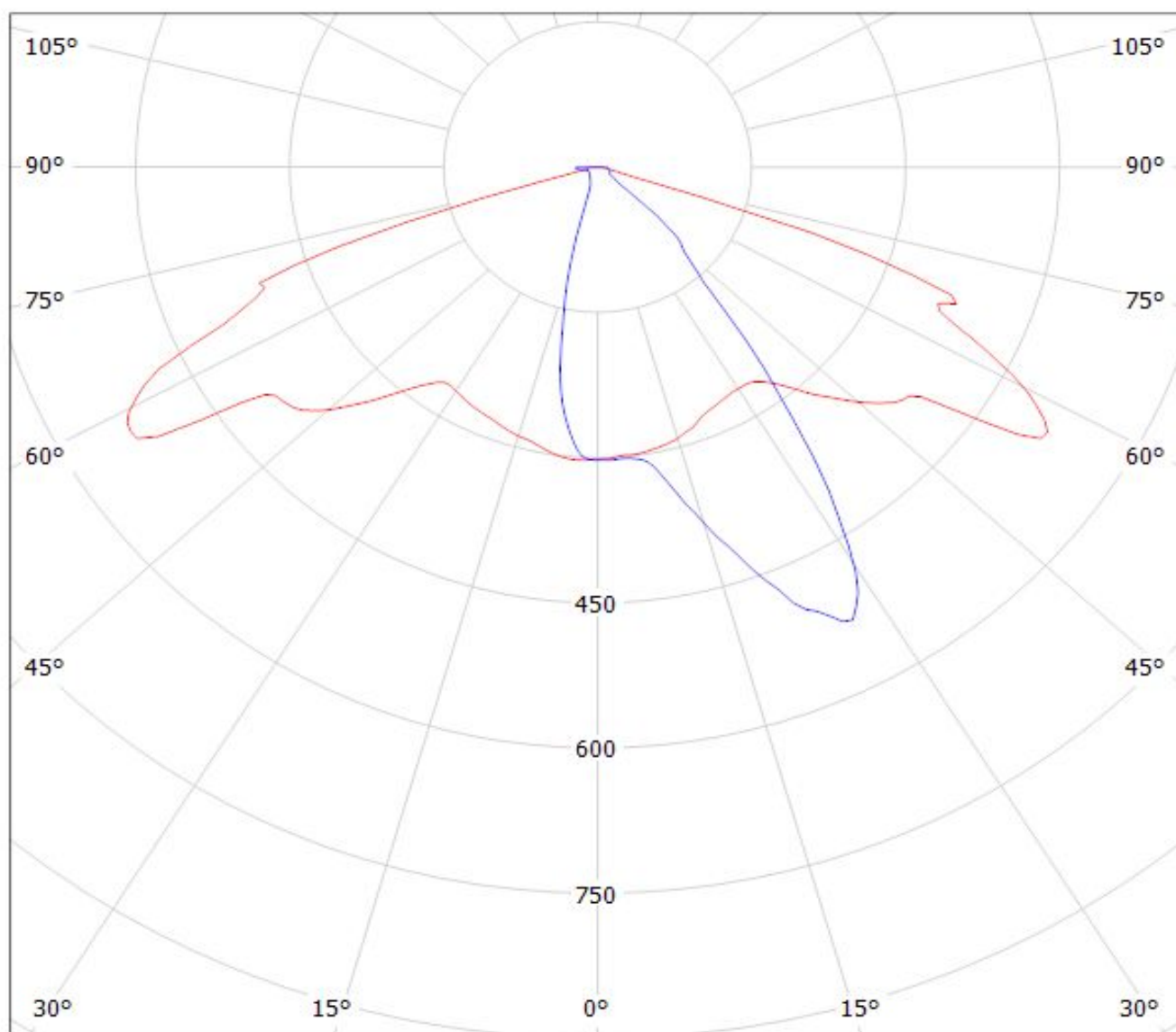
cd/klm

$\eta = 93\%$

— C0 - C180

— C90 - C270

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

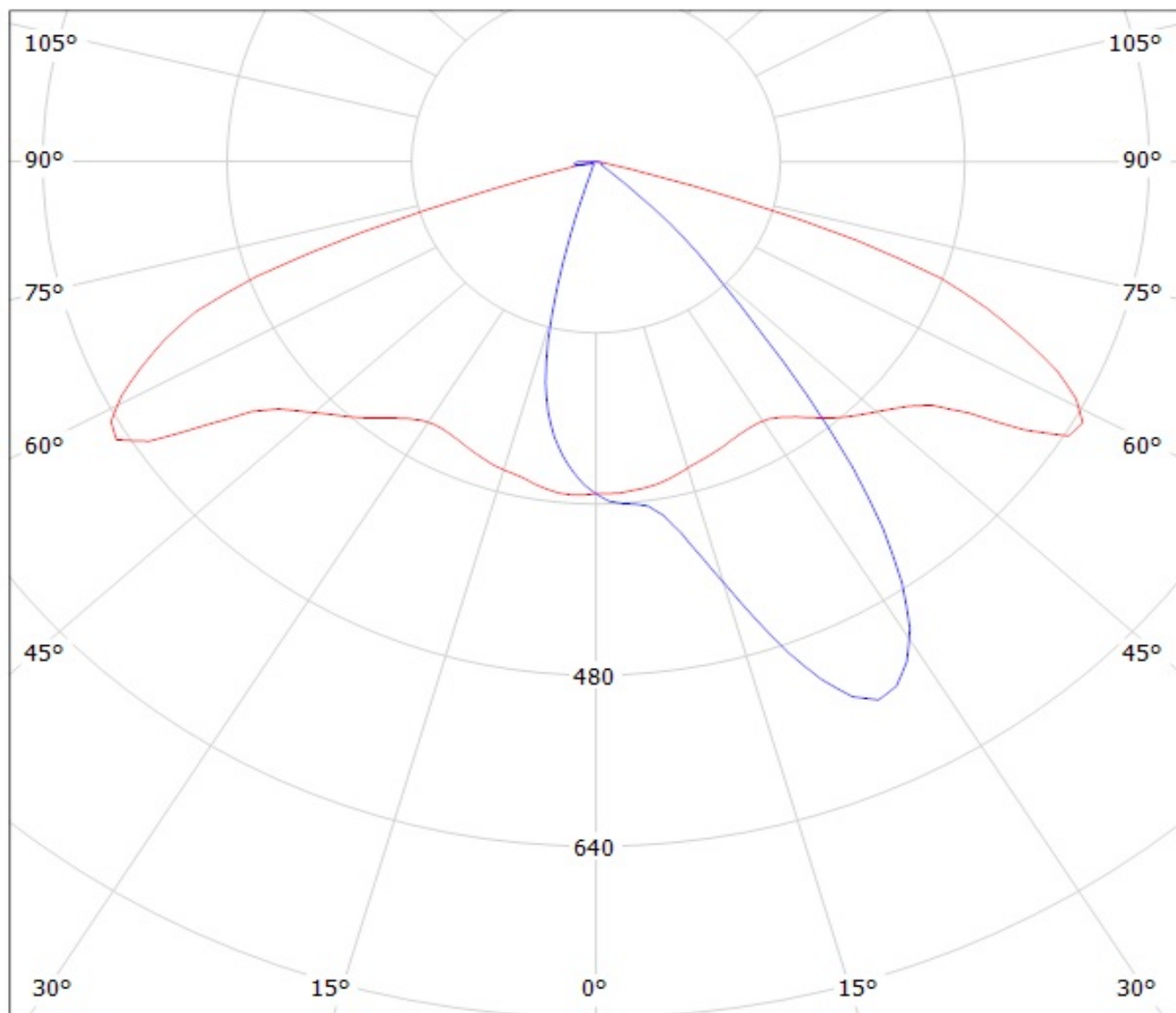


cd/klm

$\eta = 92\%$

— C0 - C180 — C90 - C270

Luminaire: LEDil Oy CA13119_STRADA-SQ-A-T_(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

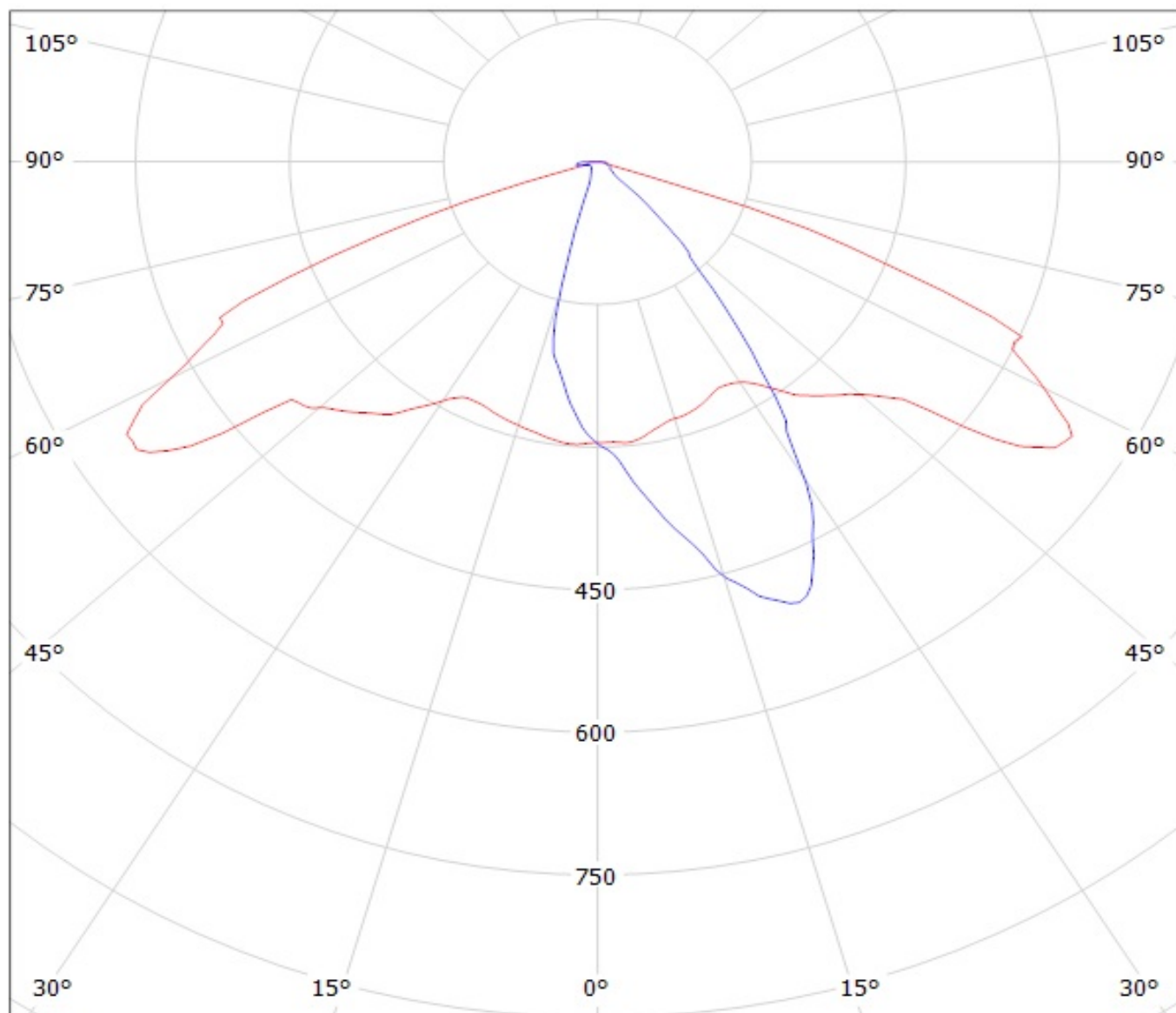


cd/klm

— C0 - C180 — C90 - C270

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

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



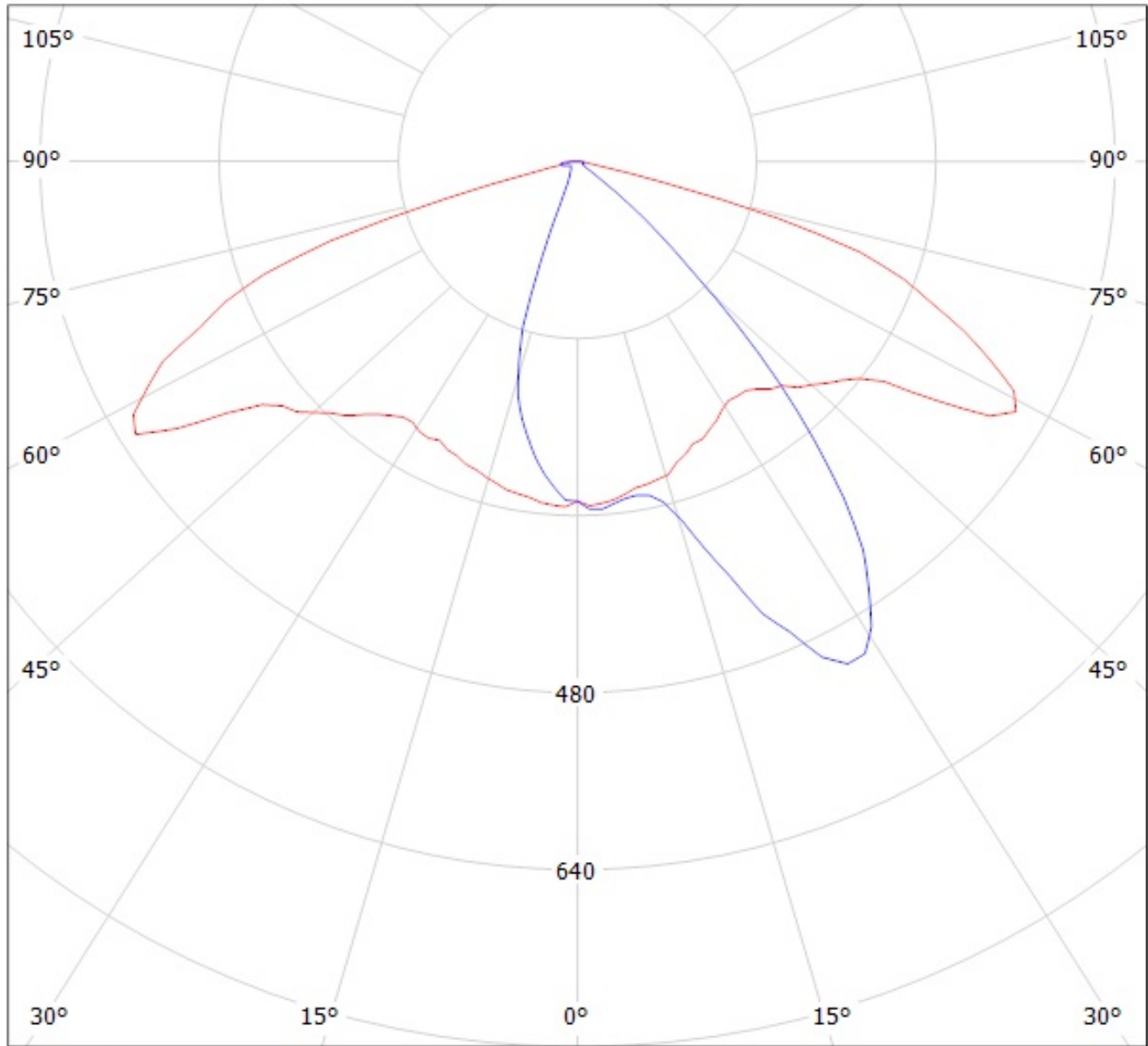
cd/klm

— C0 - C180

— C90 - C270

$\eta = 93\%$

Luminaire: LEDiL Oy 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

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.