

## DETAILS

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

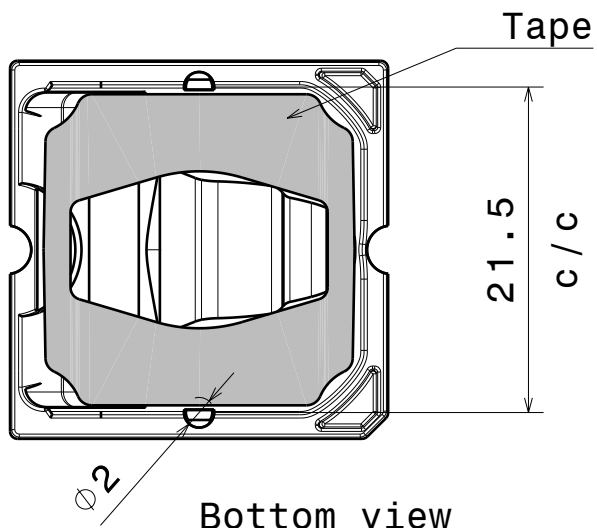
## OPTICAL PROPERTIES

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	-

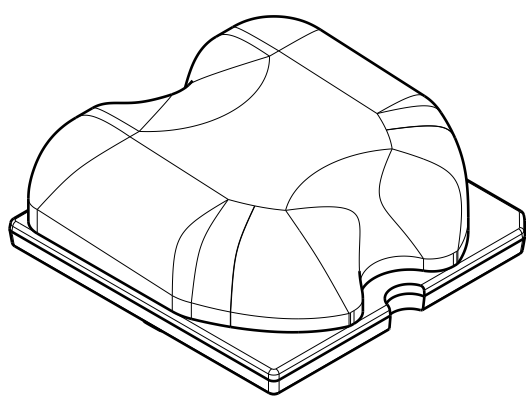


D C B A

4

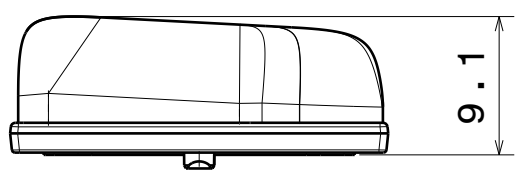


Bottom view

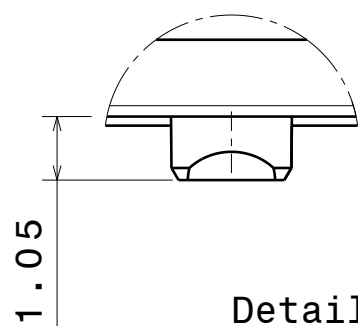


Isometric view

3

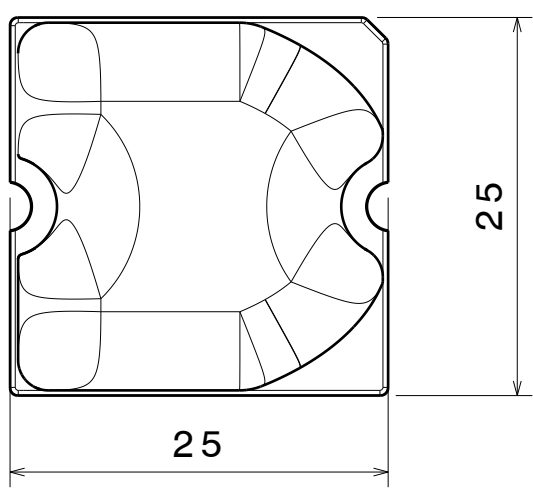


Front view



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

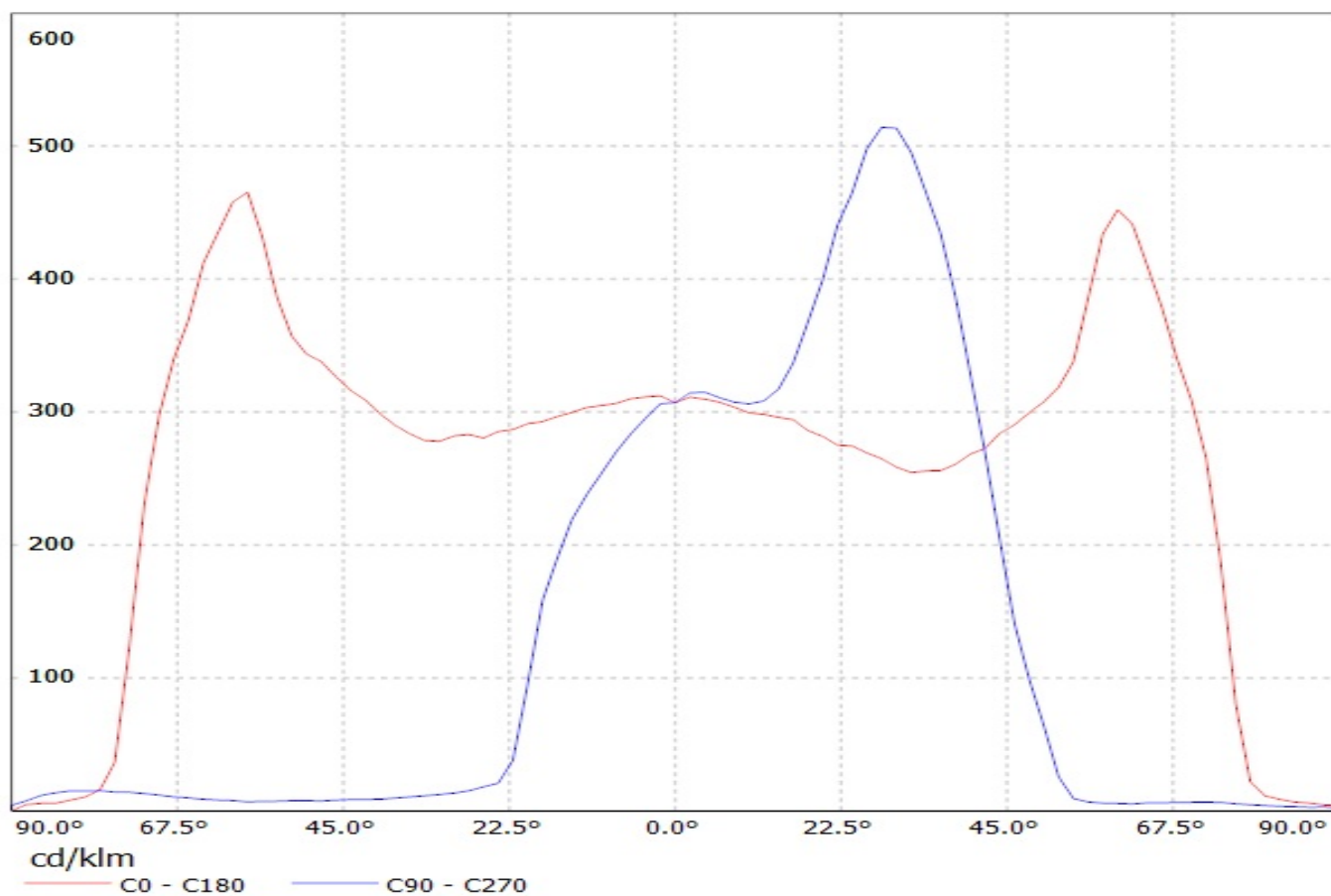
1

This drawing is our property. It can't be reproduced or communicated without our written agreement.		<b>LEDIL</b>		Ledil Oy Salorankatu 10 FIN 24240 SALO Finland	
DRAWN BY <b>as</b>		DATE 25.9.2012		DRAWING TITLE <b>Mechanical drawing</b>	
CHECKED BY <b>VS</b>		DATE -		SIZE <b>A4</b>	
DESIGNED BY -		DATE -		PART NUMBER <b>STRADA-SQ-A-T</b>	
		SCALE <b>2:1</b>		WEIGHT <b>4,80 g</b>	
				REV <b>001</b>	
				SHEET <b>1/1</b>	

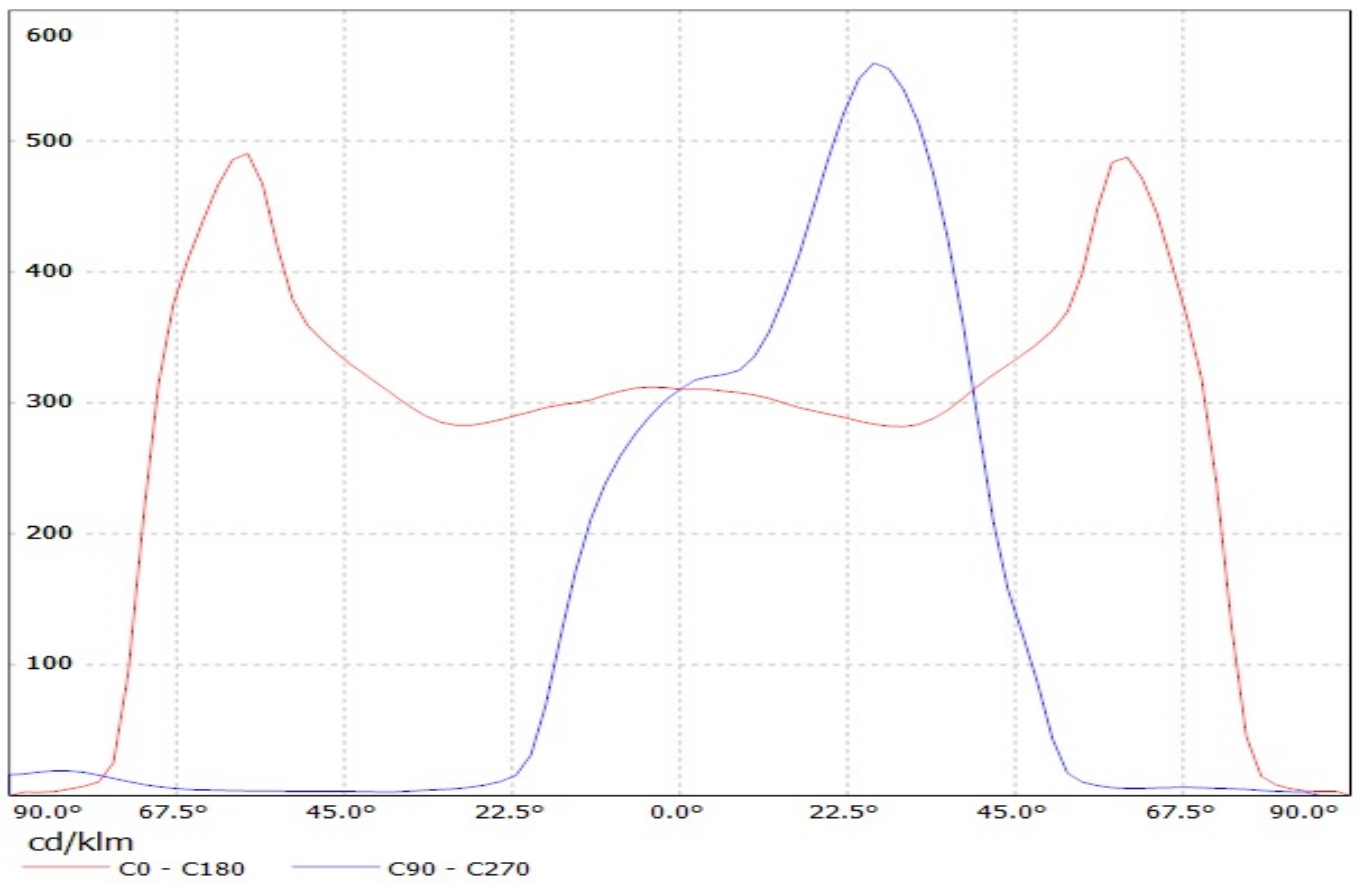
1

D A

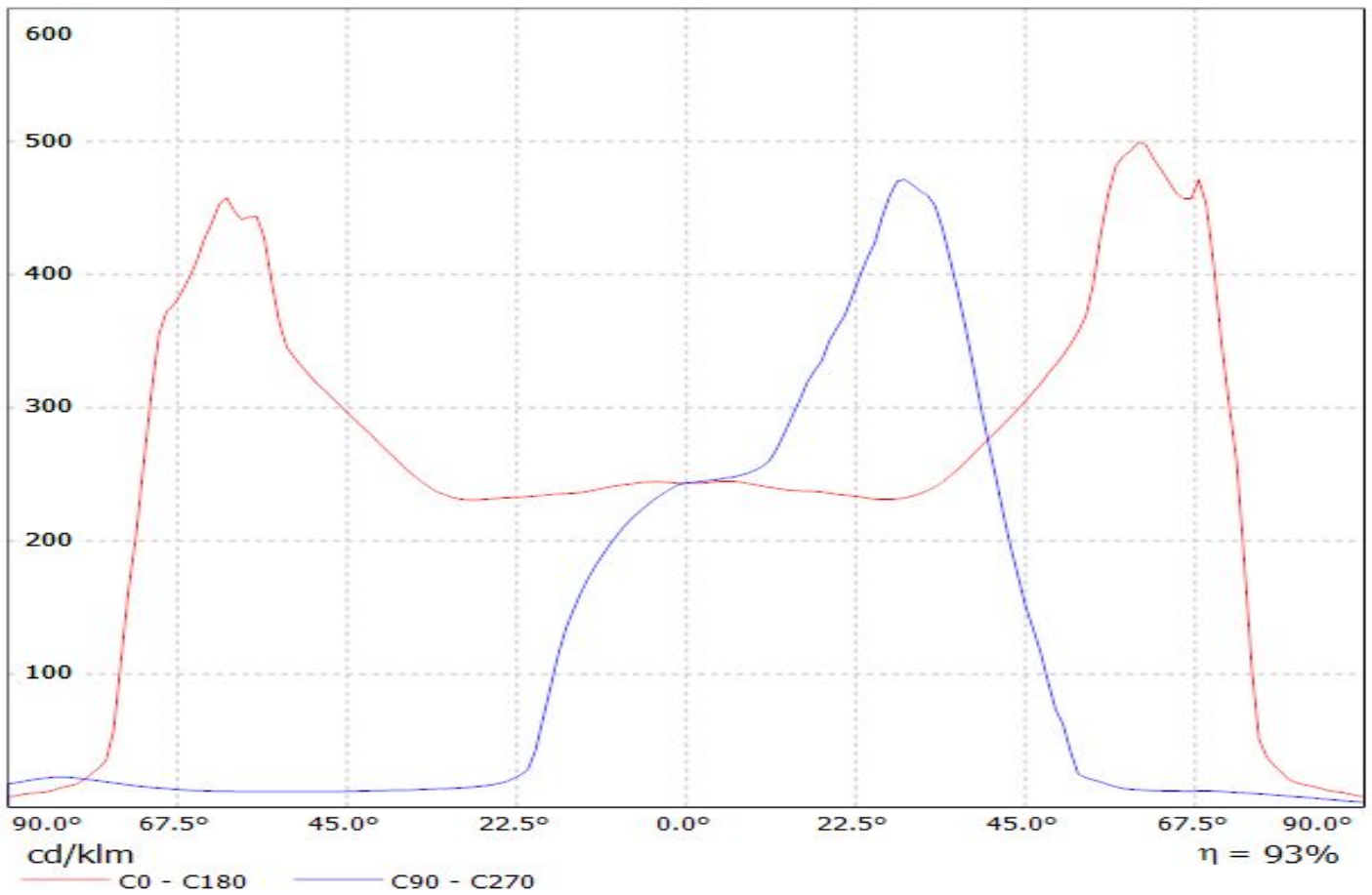
Luminaire: LEDiL Oy C13118\_&\_CA13119\_STRADA-SQ-A-T-XML (Cree XM-L 84lm@250mA) Efficiency=93%  
Lamps: 1 x Cree XM-L (84lm@250mA)



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

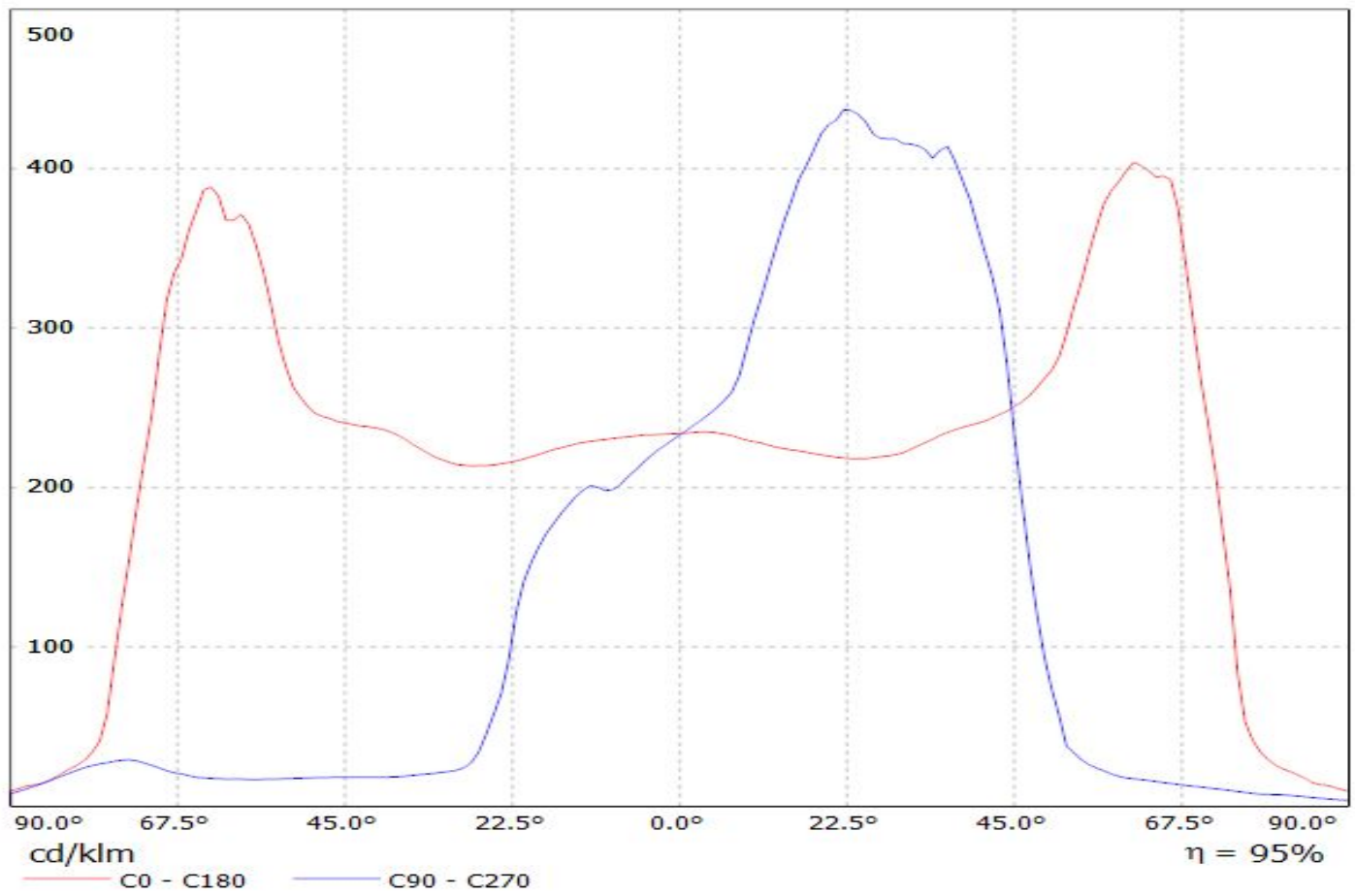


Luminaire: LEDiL Oy CA13119\_STRADA-SQ-A-T\_(XP-L)  
Lamps: 1 x Cree\_XP-L\_125.584lm@250mA\_P=0.738255W\_I=249.9mA



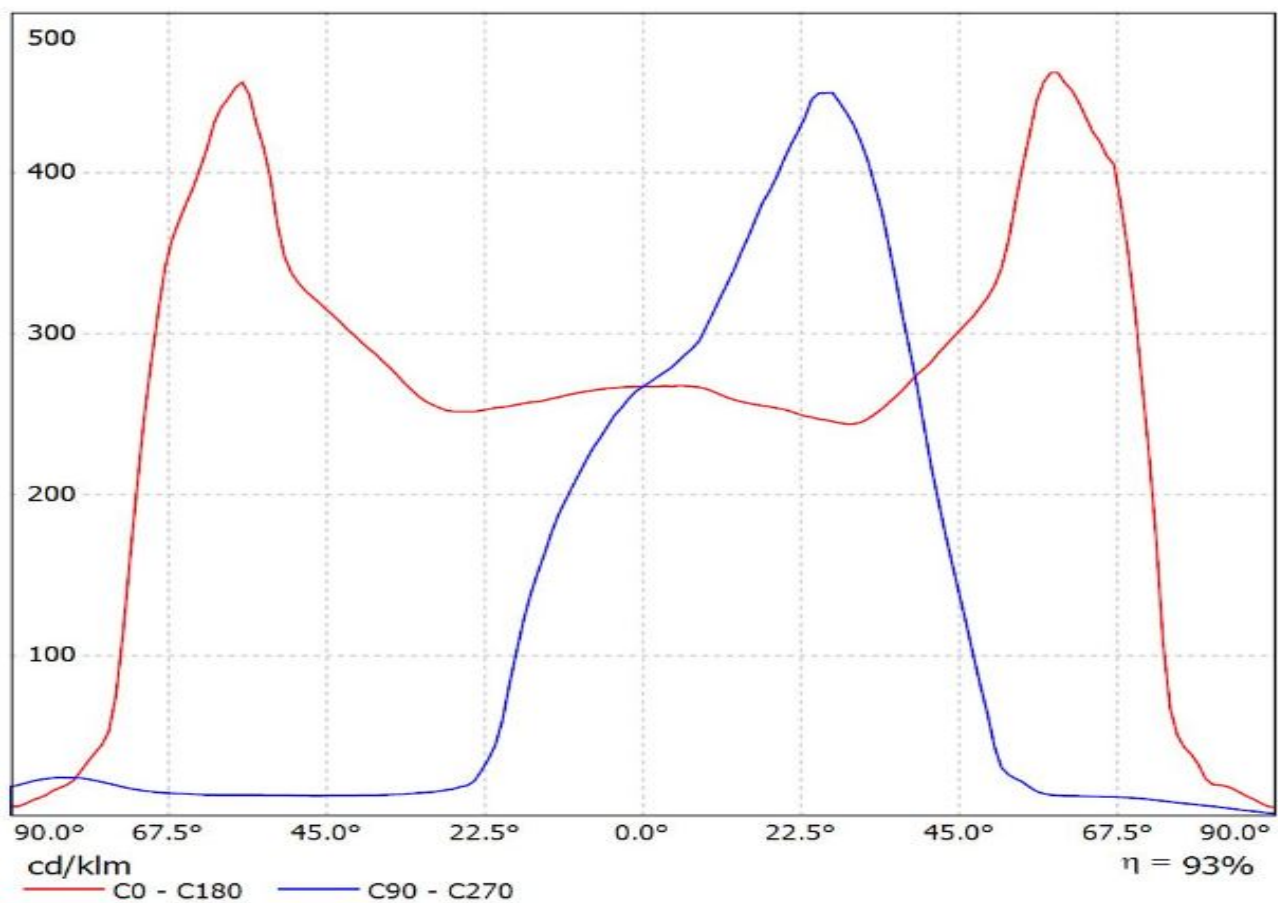
Luminaire: LEDiL Oy CA13119\_STRADA-SQ-A-T\_(XHP50\_cool\_white)

Lamps: 1 x CREE\_XHP50\_cool\_white\_246.221lm@250mA\_P=1.42945W\_I=249.9mA

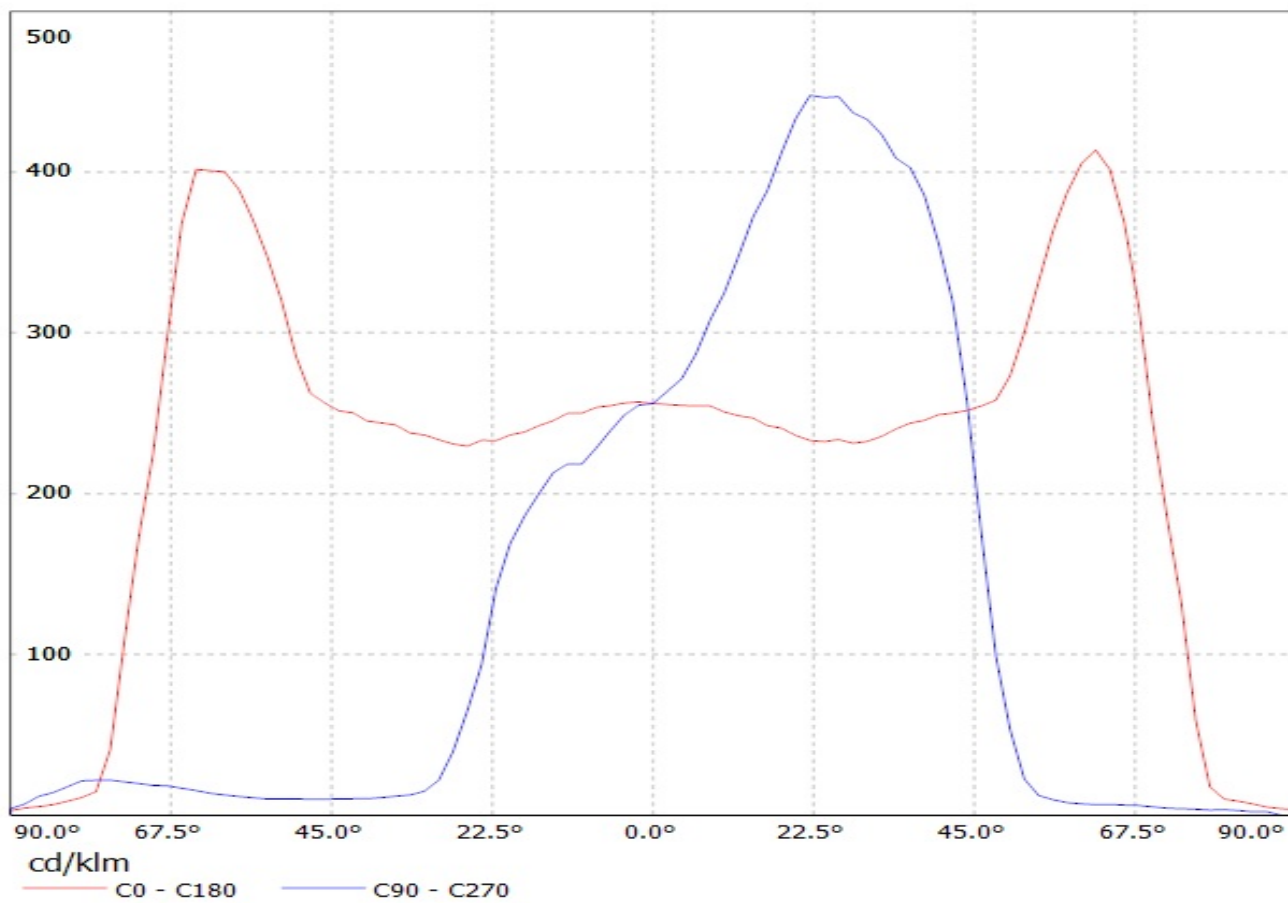


Luminaire: Ledil CA13119\_STRADA-SQ-A-T (XP-L2)

Lamps: 1 x Cree\_XP-L2\_(XPLWT-00-0000-000HU630G)\_115.868lm@250mA\_P=0.717875W\_I=0.25A

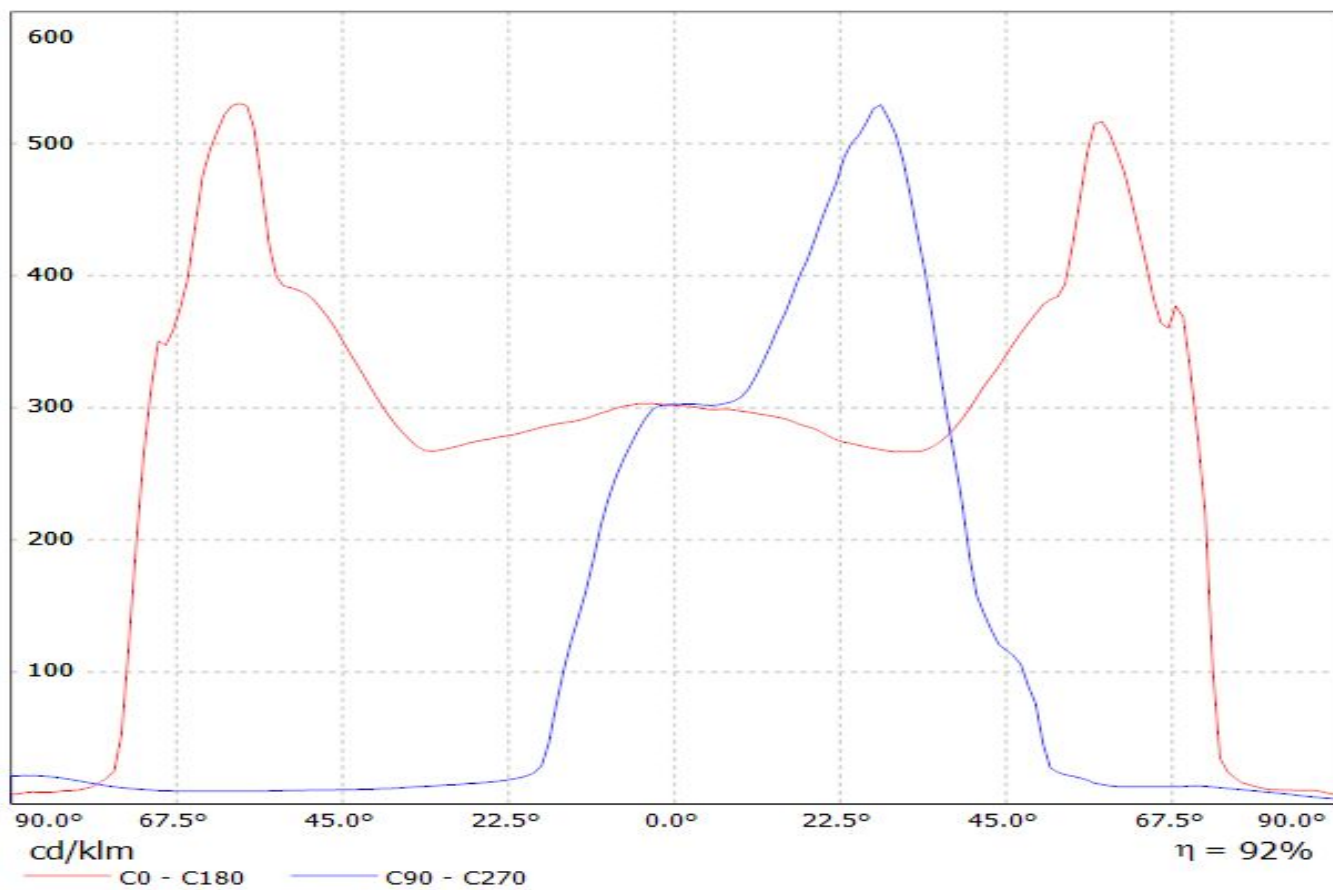


Luminaire: LEDiL Oy C13118\_ & CA13119\_STRADA-SQ-A-T-LuxM (Luxeon M 362lm @ 250mA) Efficiency=93%  
Lamps: 1 x Luxeon M 362lm @ 250mA

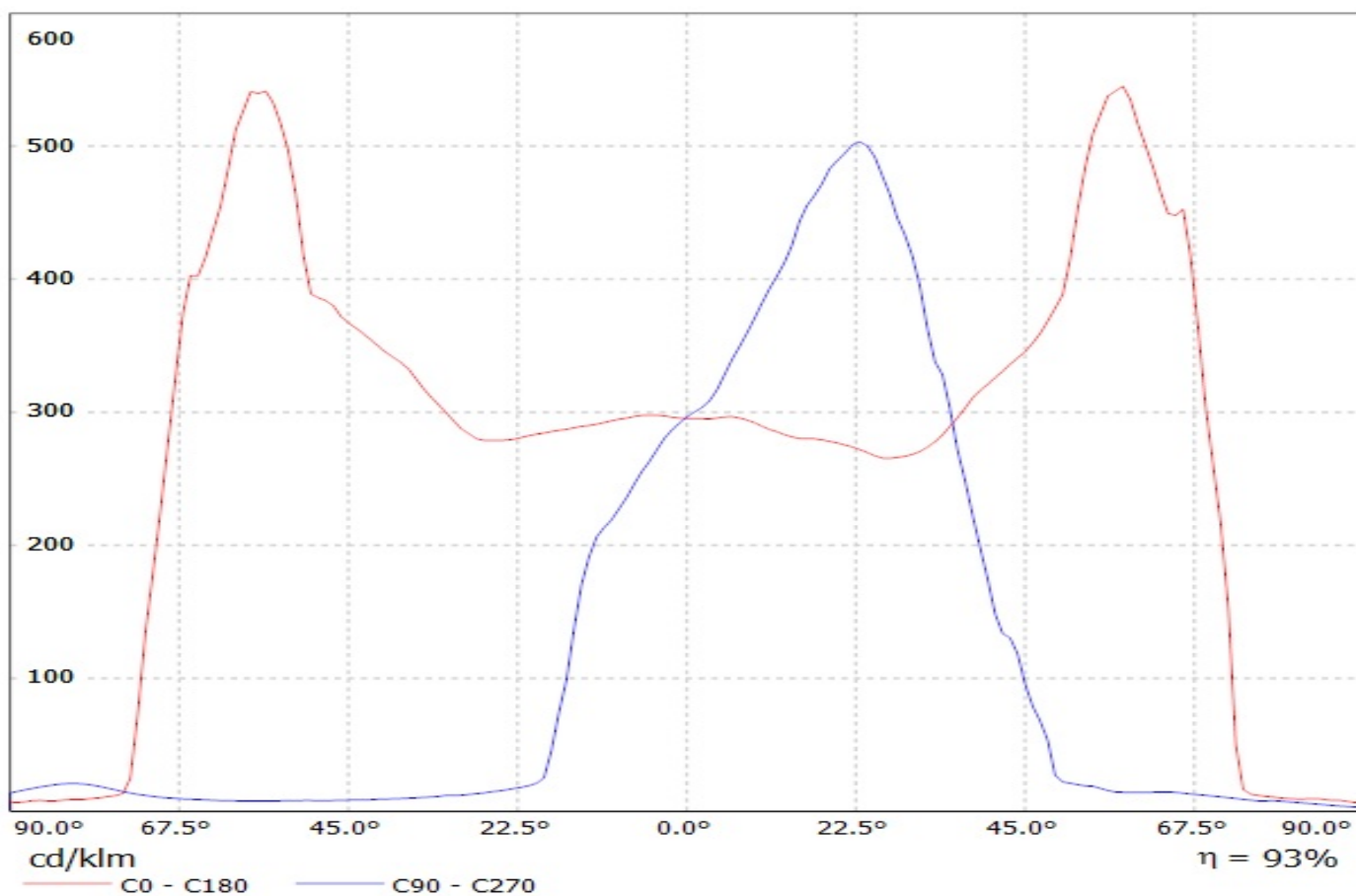




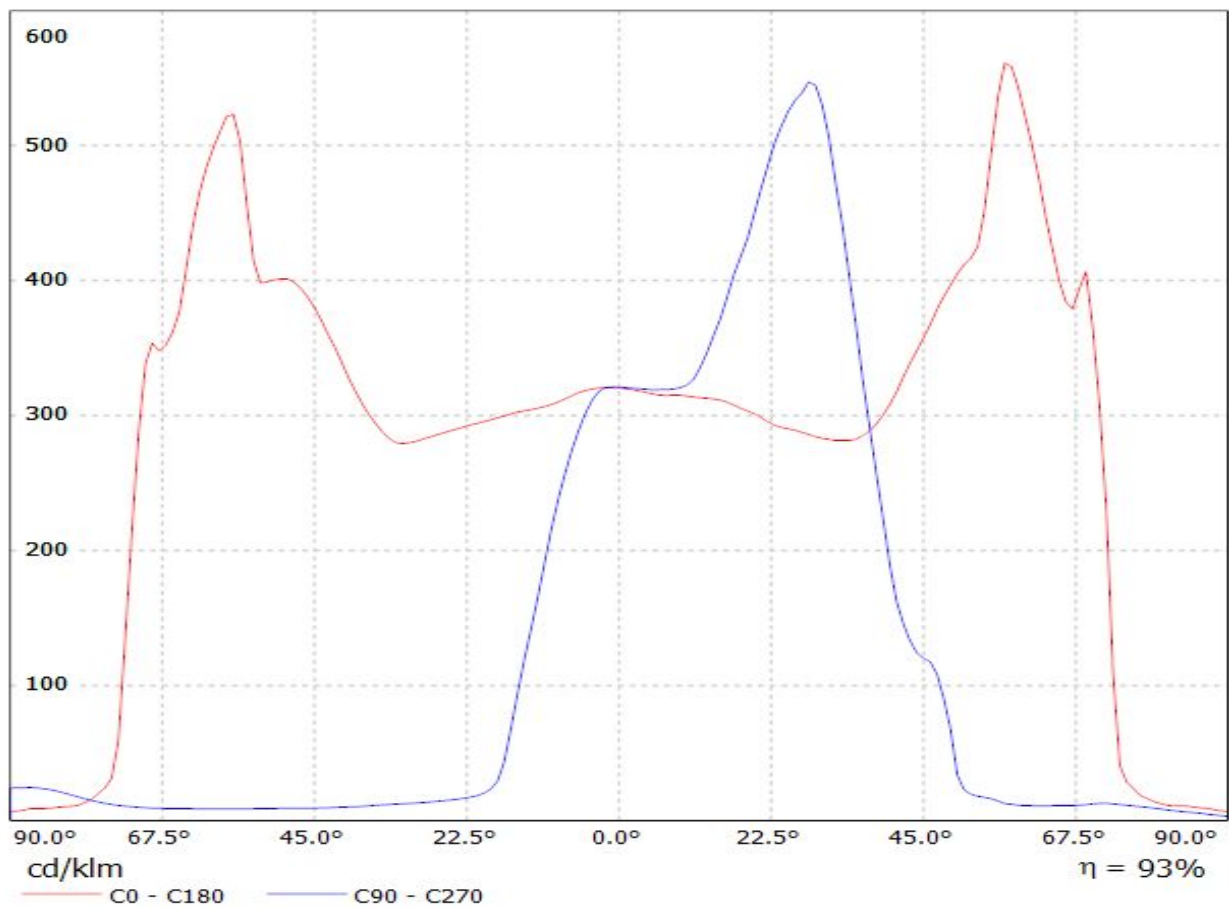
Luminaire: LEDiL Oy CA13119\_STRADA-SQ-AT\_(LUXEON\_T)\_2 Eff.92.3%  
Lamps: 1 x LUXEON\_T (74lm@250mA)



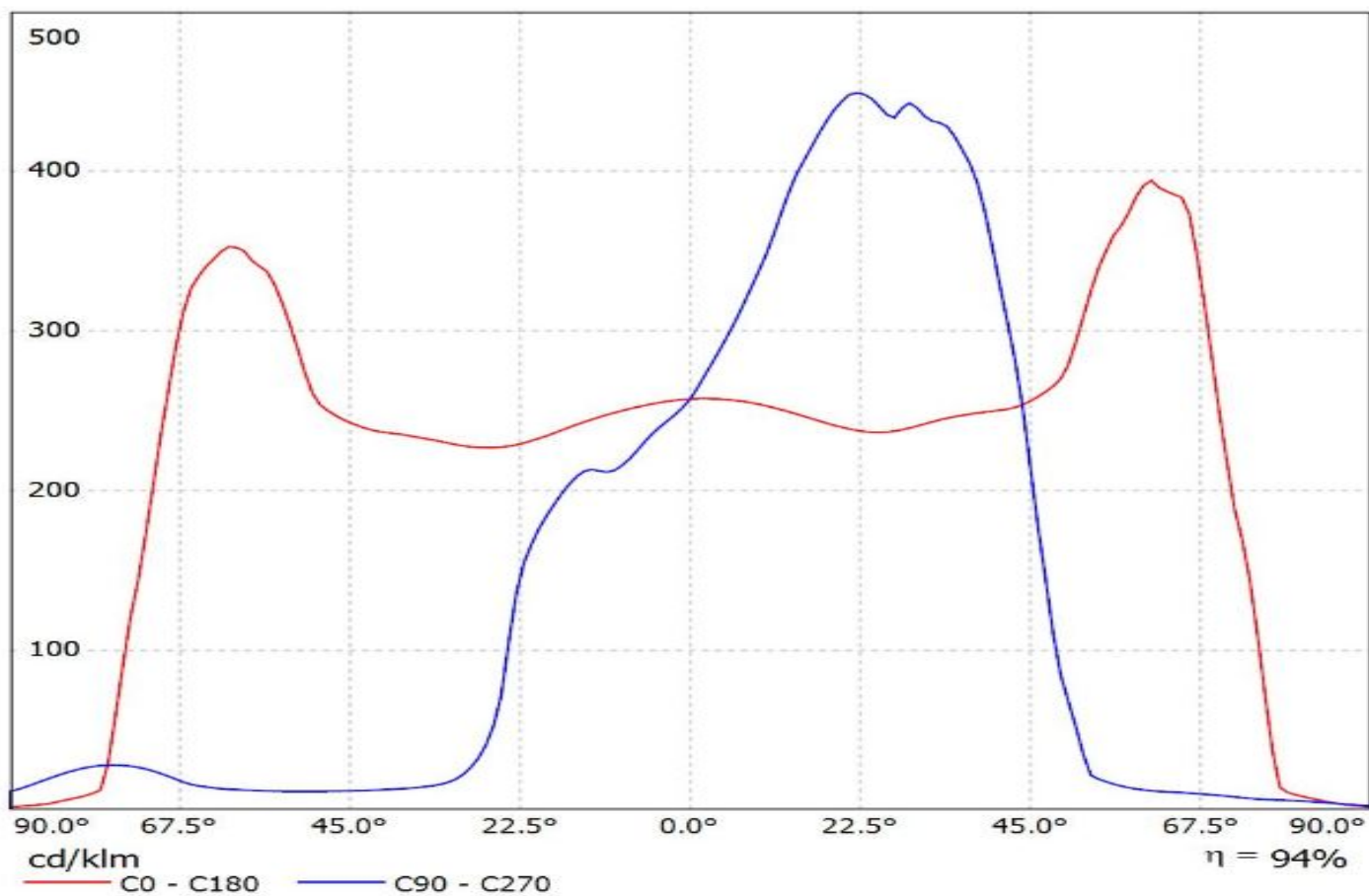
Luminaire: LEDiL Oy CA13119\_STRADA-SQ-A-T\_(LUXEON-MZ) Eff.93.0%  
Lamps: 1 x LUXEON-MZ\_263.073lm@250mA\_P=2.7399W\_I=249.9mA



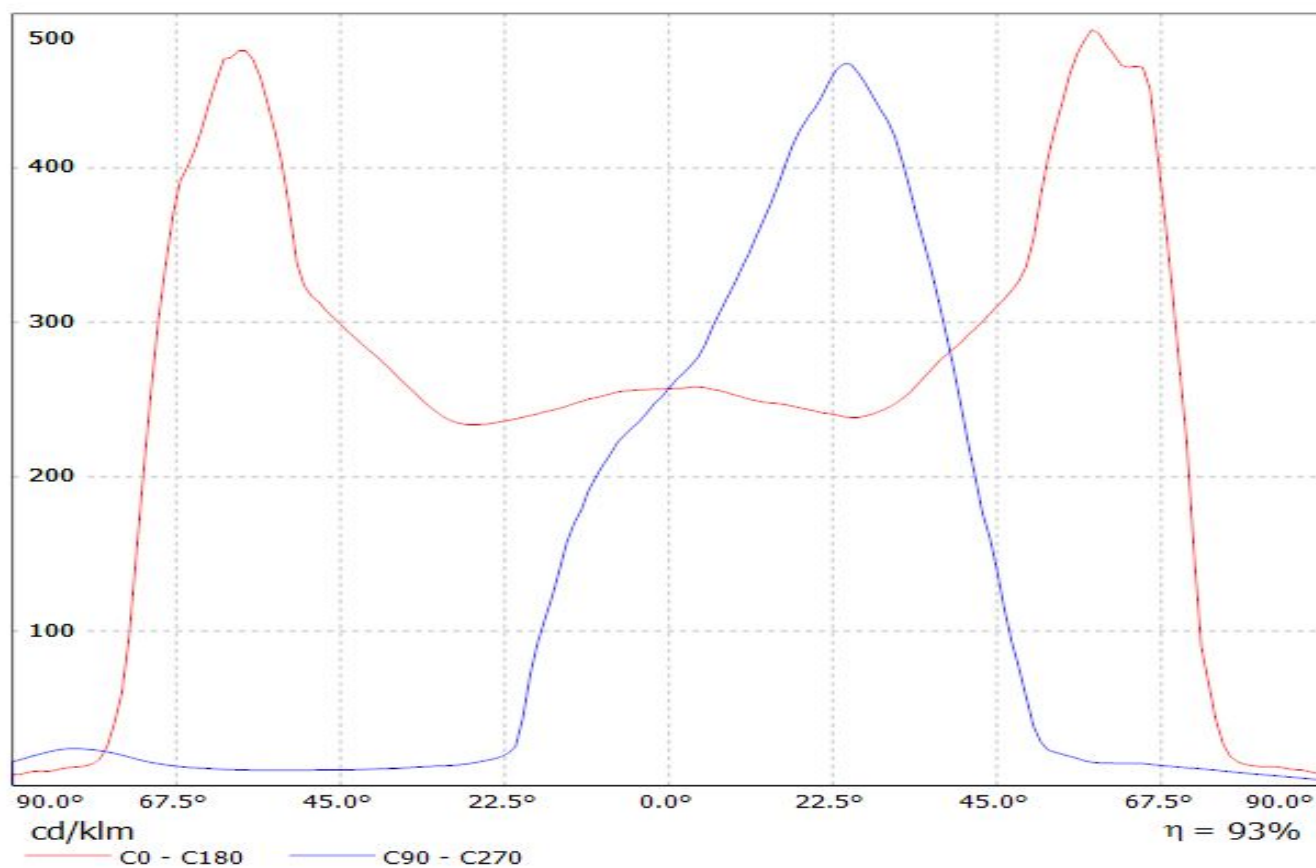
Luminaire: LEDiL Oy CA13119\_STRADA-SQ-A-T\_(Luxeon\_TX) Eff.93.5%  
Lamps: 1 x Luxeon\_TX\_(L1T2-3585)\_80.2531lm@250mA\_CCT=3500K\_P=0.730933W\_I=249.9mA



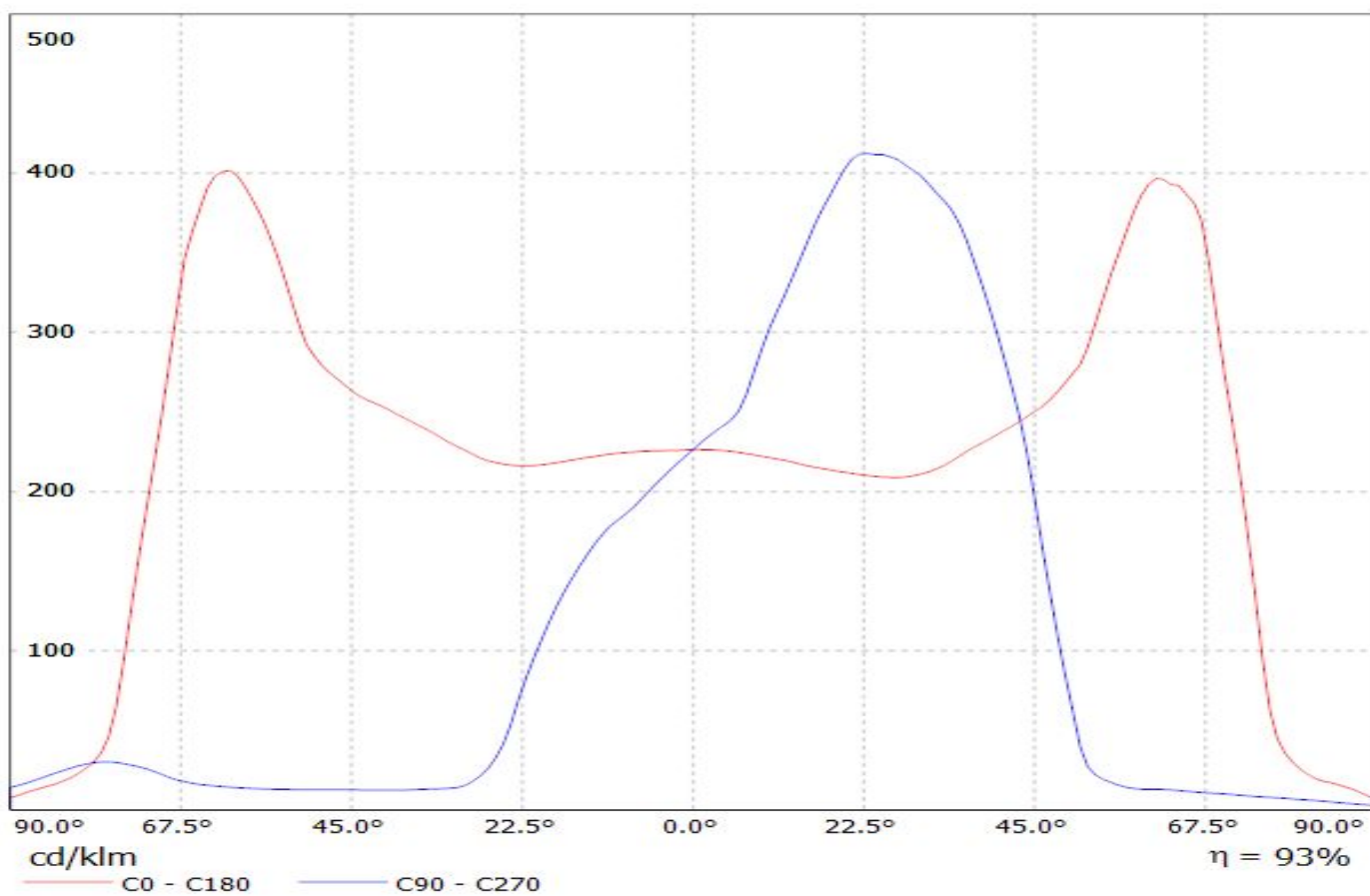
Luminaire: Ledil CA13119\_STRADA-SQ-A-T\_(LUXEON\_XR-M\_Linear\_1x4)  
Lamps: 1 x Lumiled\_LUXEON\_XR-M\_Linear\_1x4\_1798.32lm@250mA\_P=11.005W\_I=0.25A



Luminaire: LEDiL Oy CA13119\_STRADA-SQ-A-T\_(NS9x383) Eff. 93,3%  
Lamps: 1 x Nichia NS9x383 (105lm@250mA)

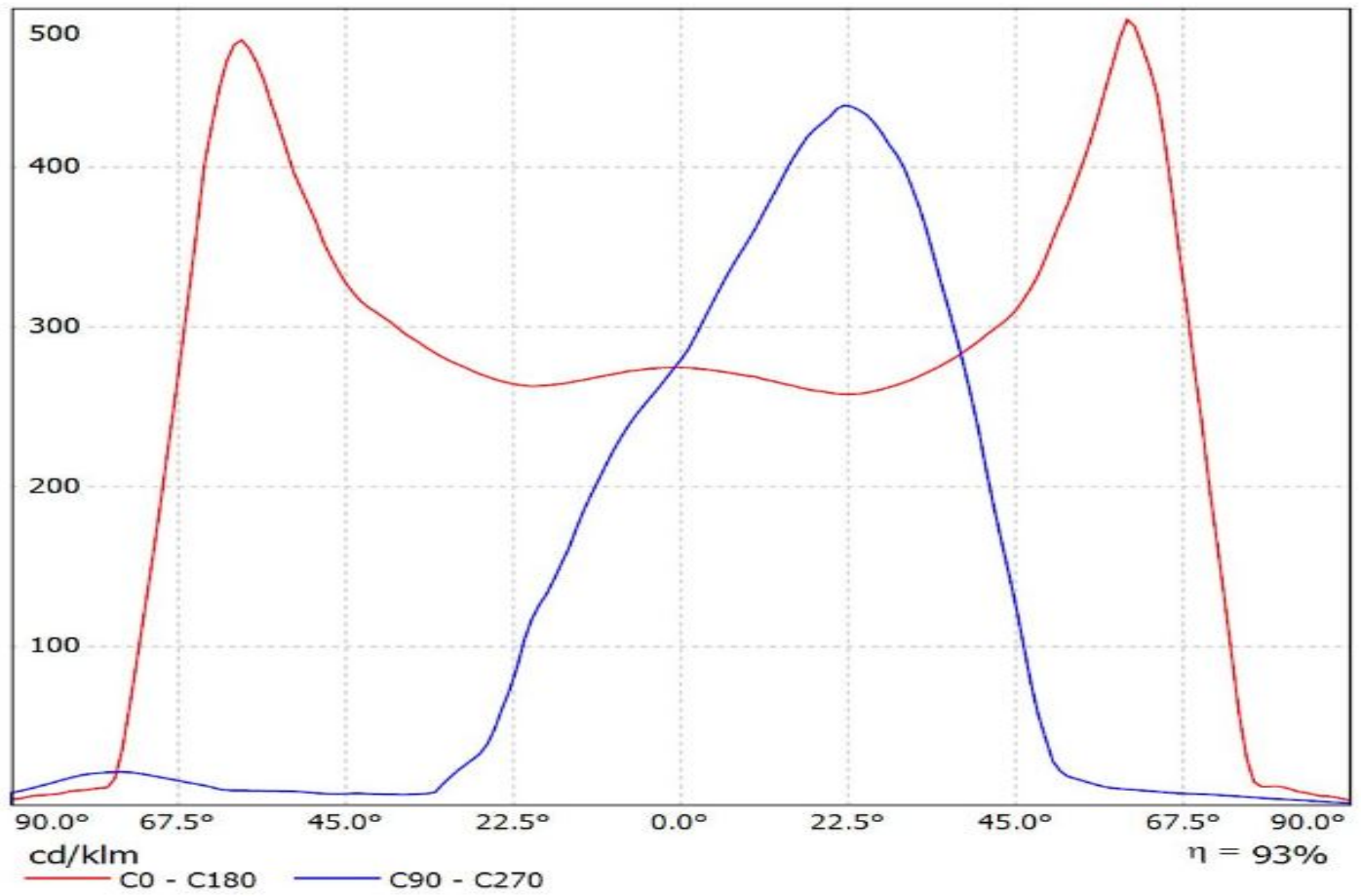


Luminaire: LEDiL Oy CA13119\_STRADA-SQ-A-T\_(NV4x144A)  
Lamps: 1 x Nichia\_NV4x144A\_477.334lm@250mA\_P=2.8030W\_I=0.250A



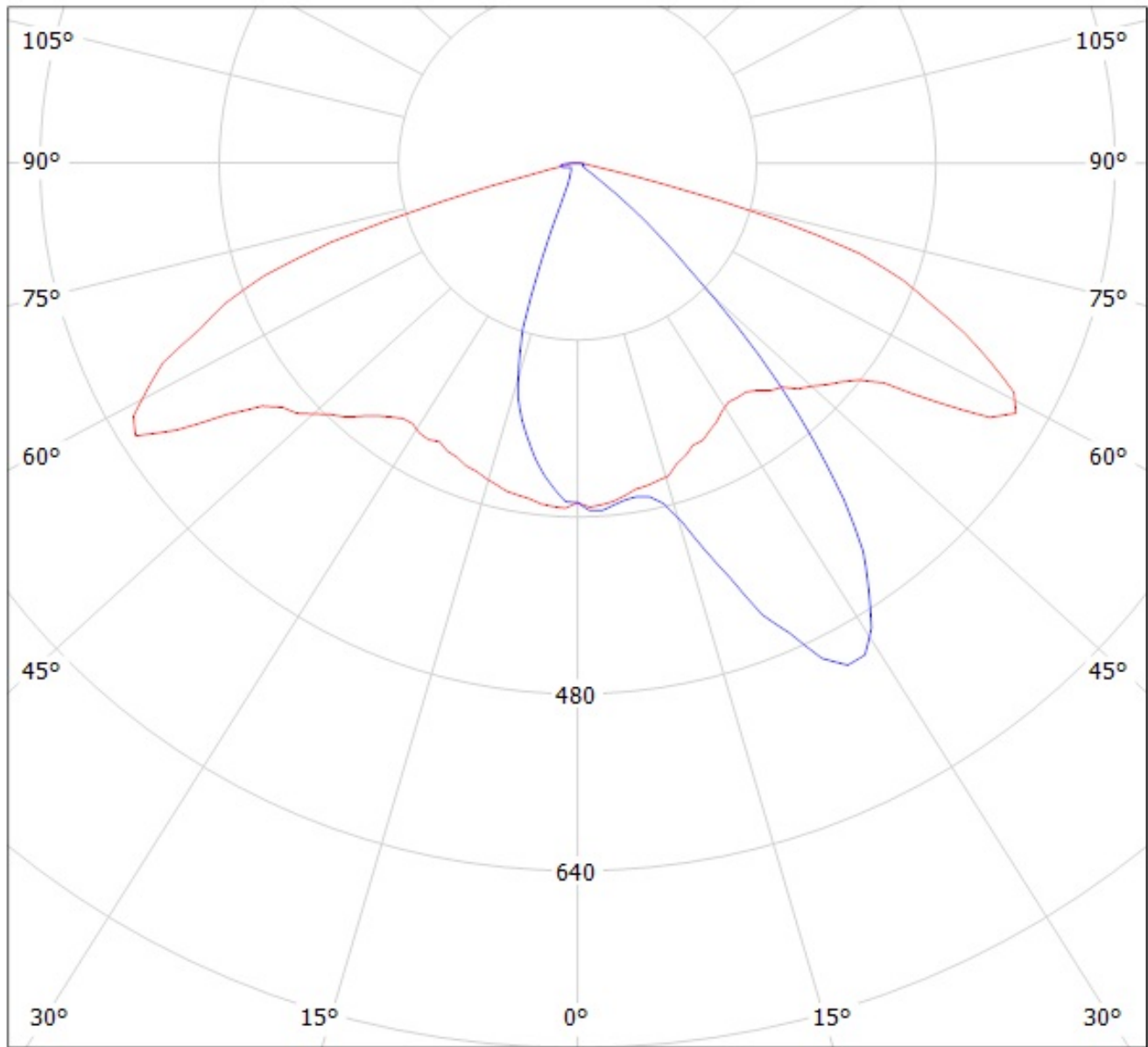
Luminaire: Ledil CA13119\_STRADA-SQ-A-T\_(Duris\_S10)

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)

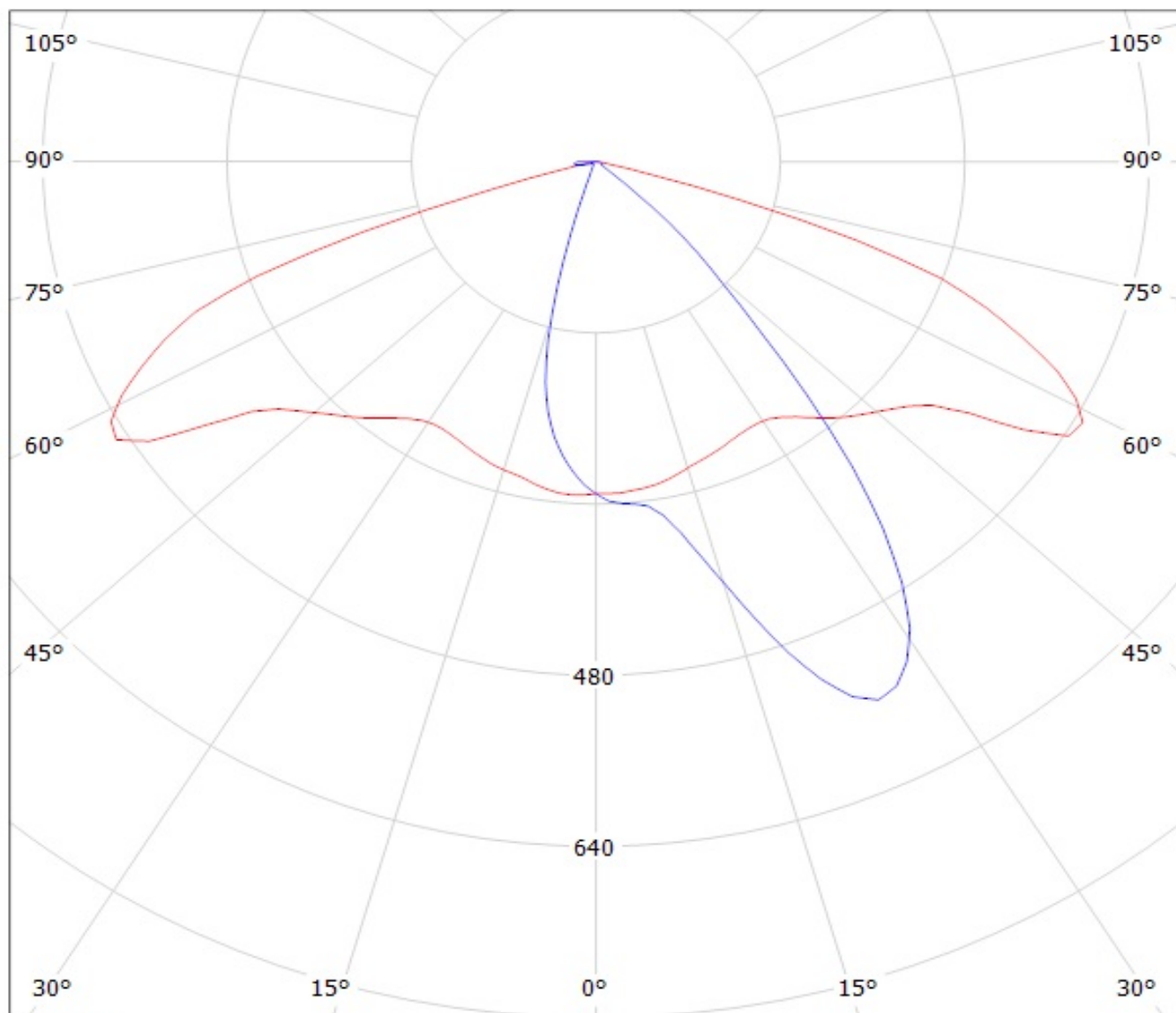


cd/klm

— 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

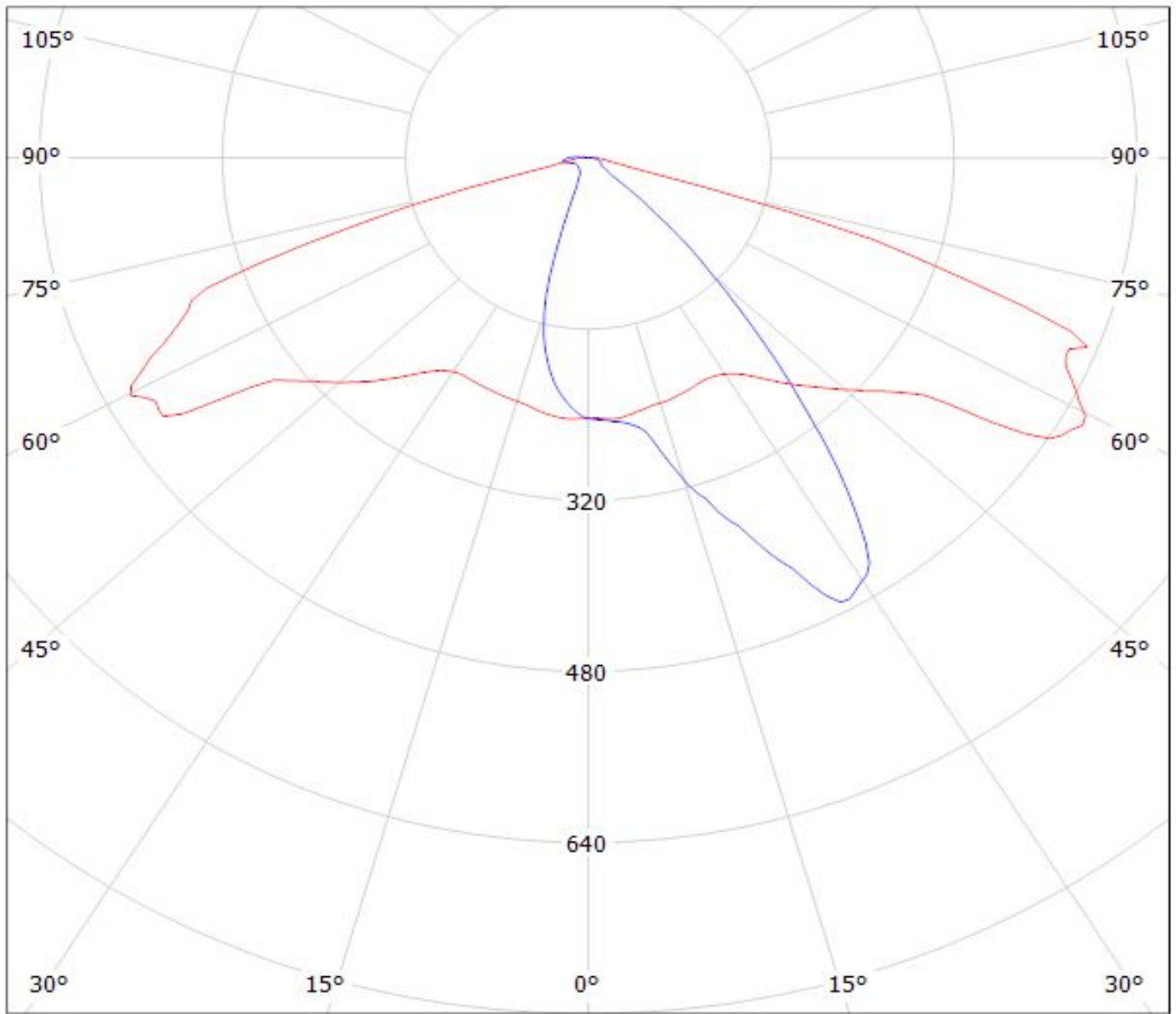


cd/klm

— 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

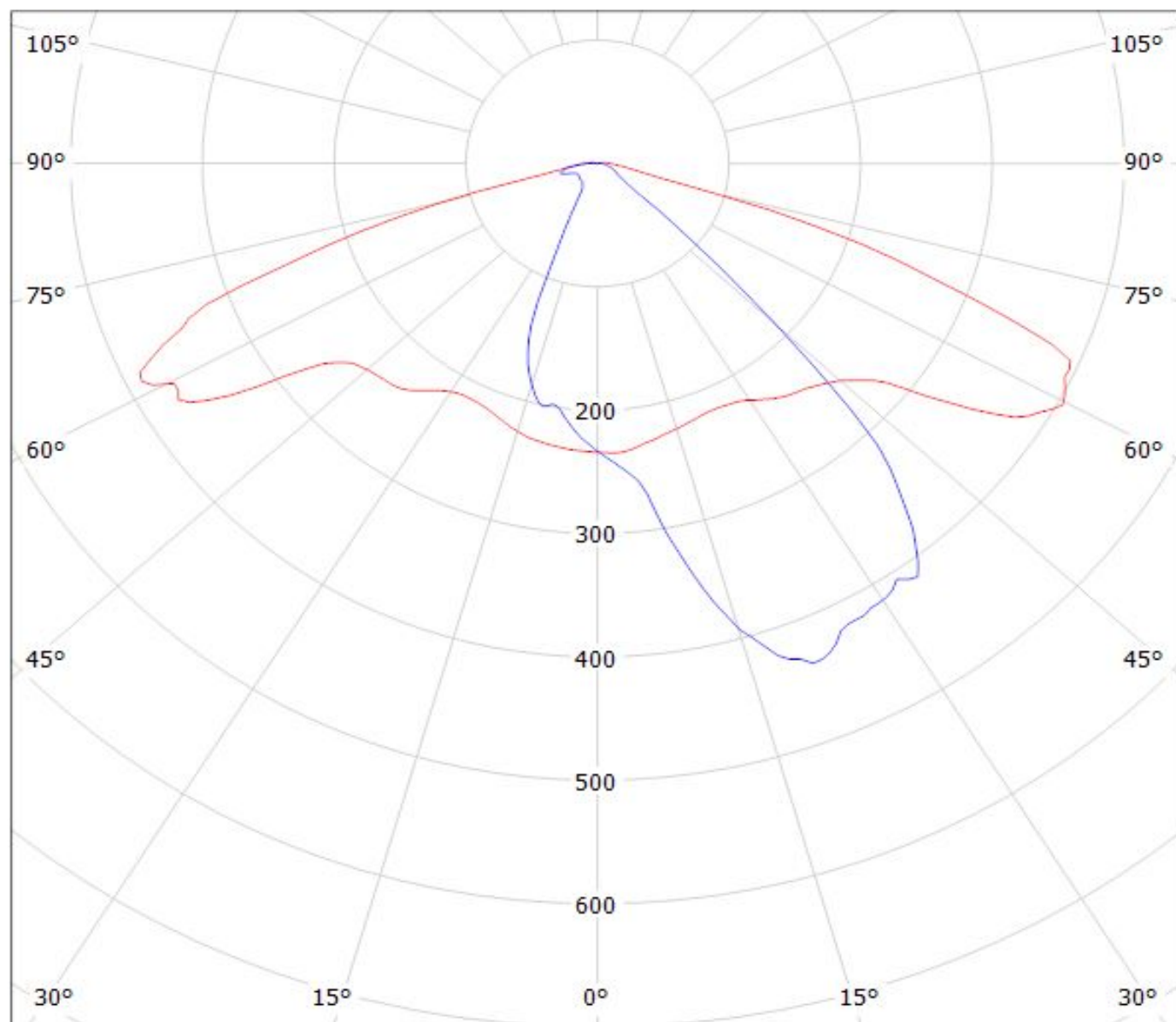
$\eta = 93\%$

— 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



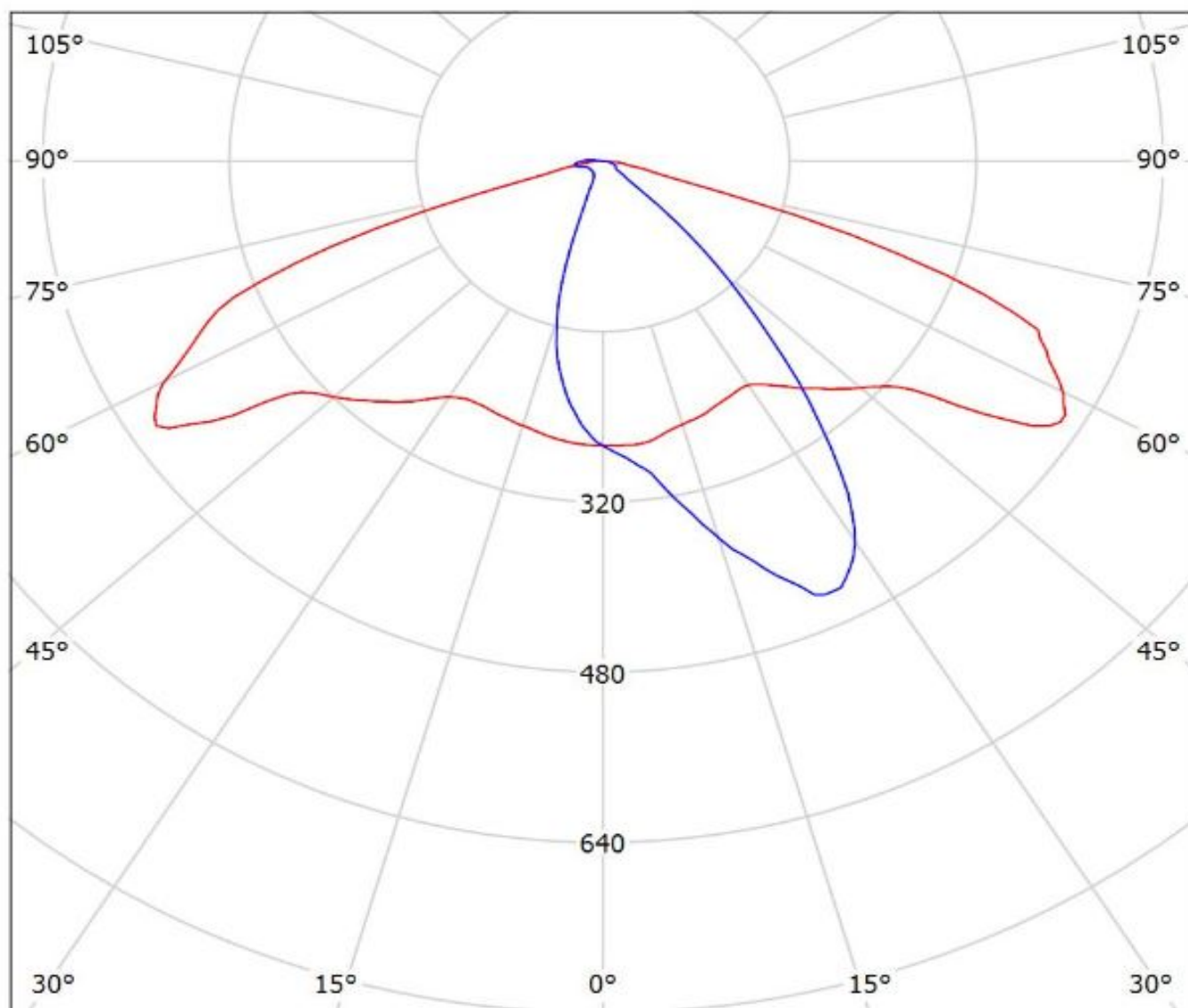
cd/klm

— C0 - C180 — C90 - C270

η = 95%

Luminaire: Ledil 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

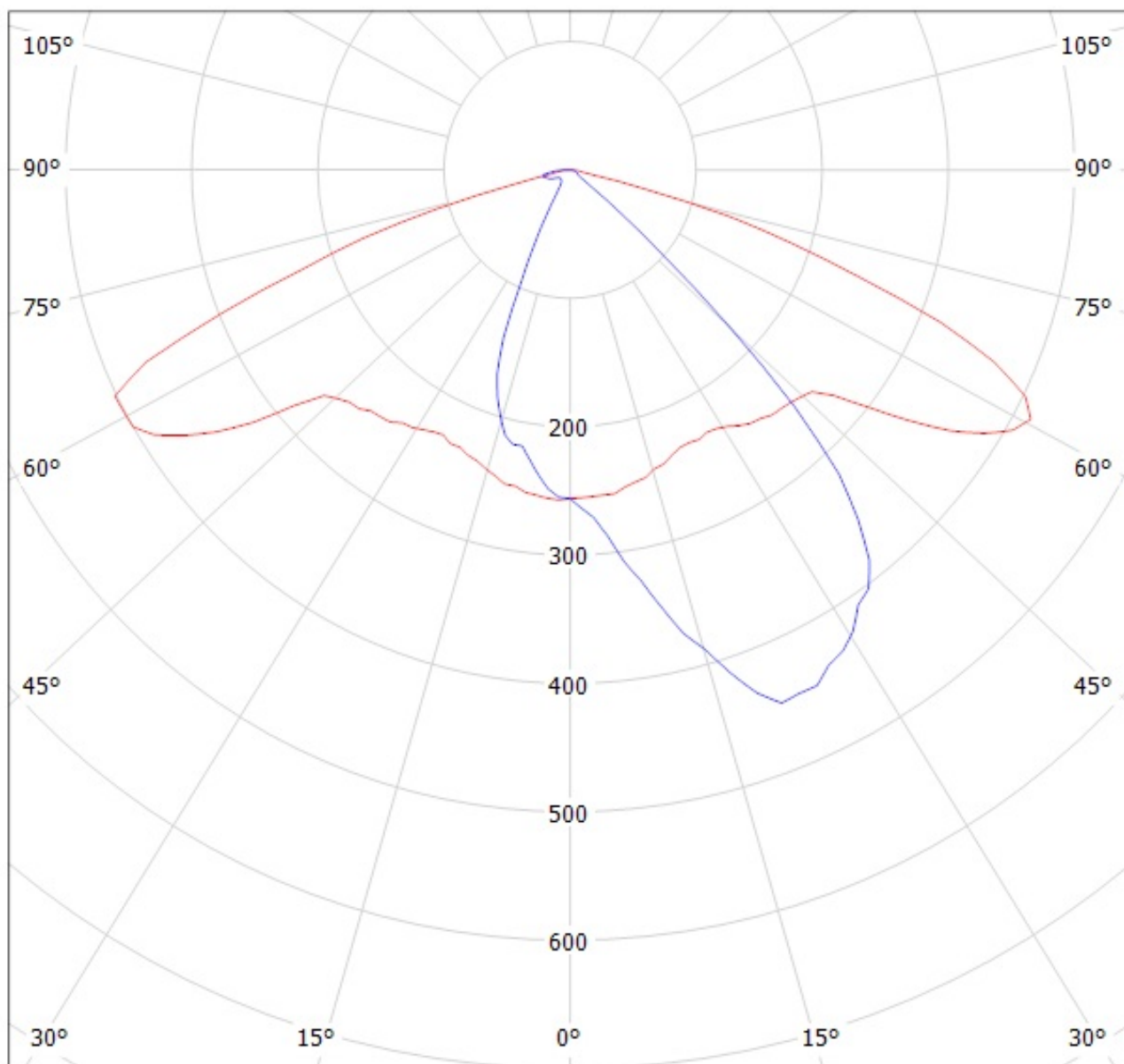


cd/klm

— C0 - C180 — C90 - C270

$\eta = 93\%$

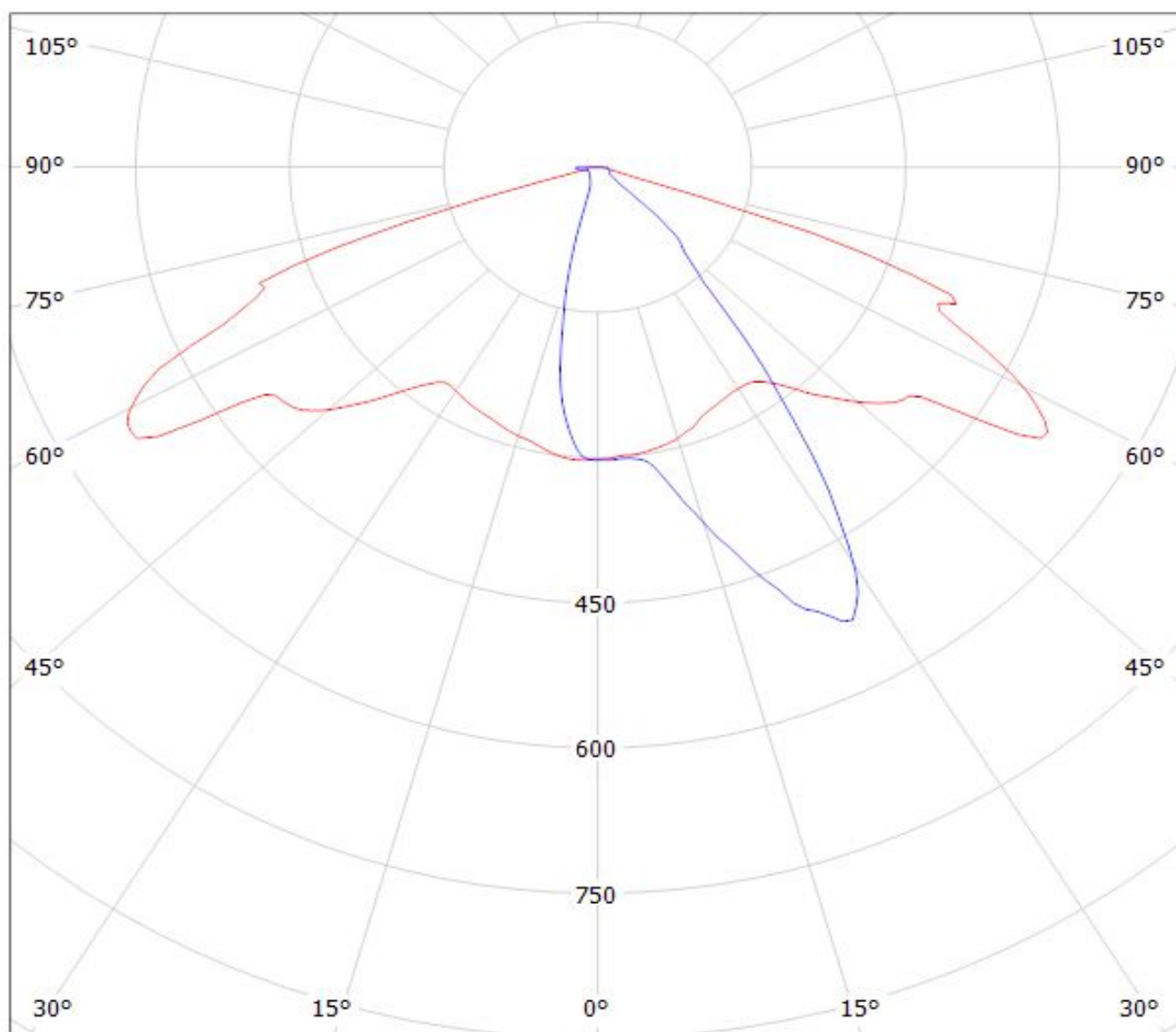
Luminaire: LEDiL Oy C13118\_&\_CA13119\_STRADA-SQ-A-T-LuxM (Luxeon M 362lm @ 250mA) Efficiency=93%  
Lamps: 1 x Luxeon M 362lm @ 250mA



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

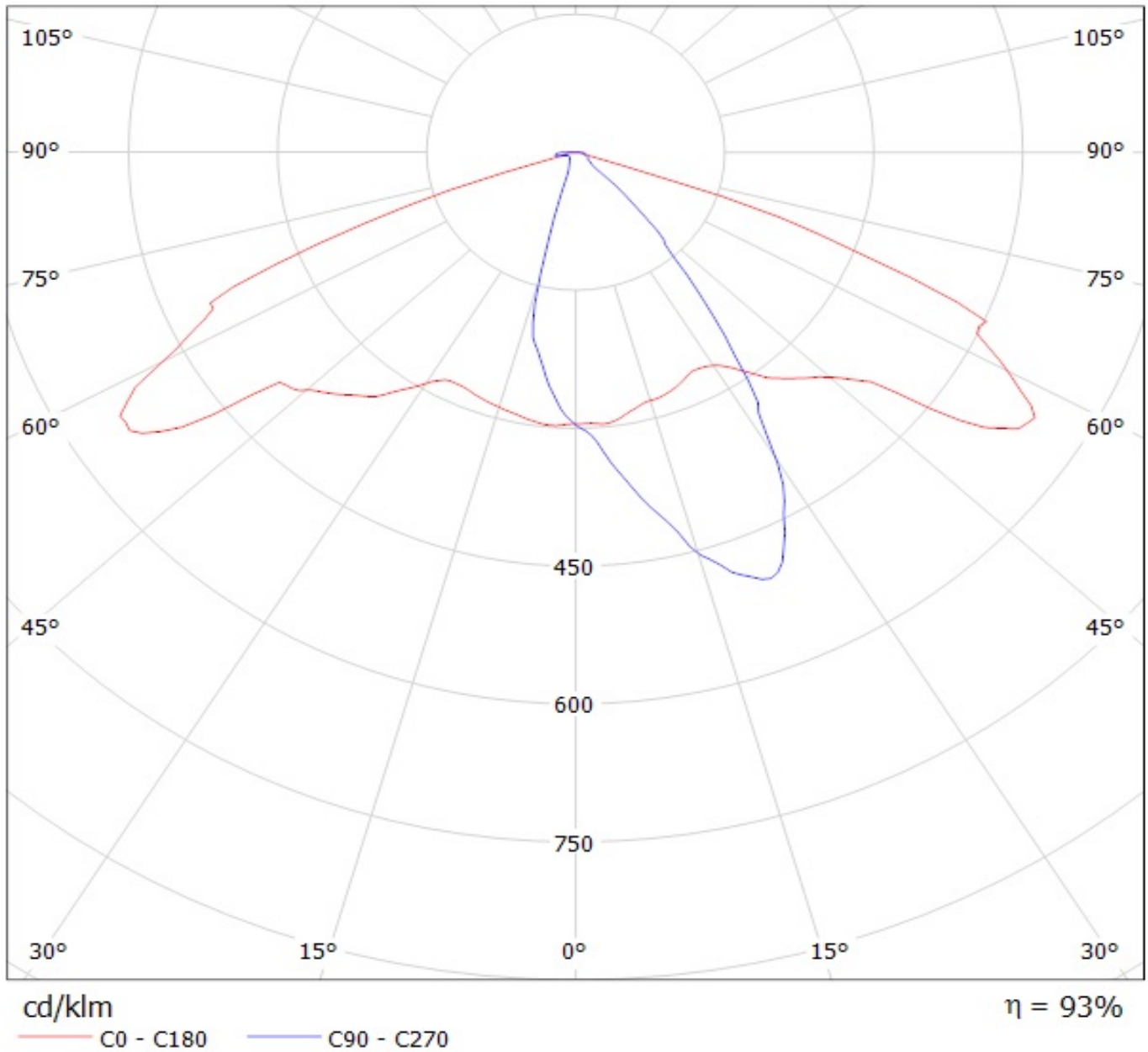
— C0 - C180

— C90 - C270

$\eta = 92\%$

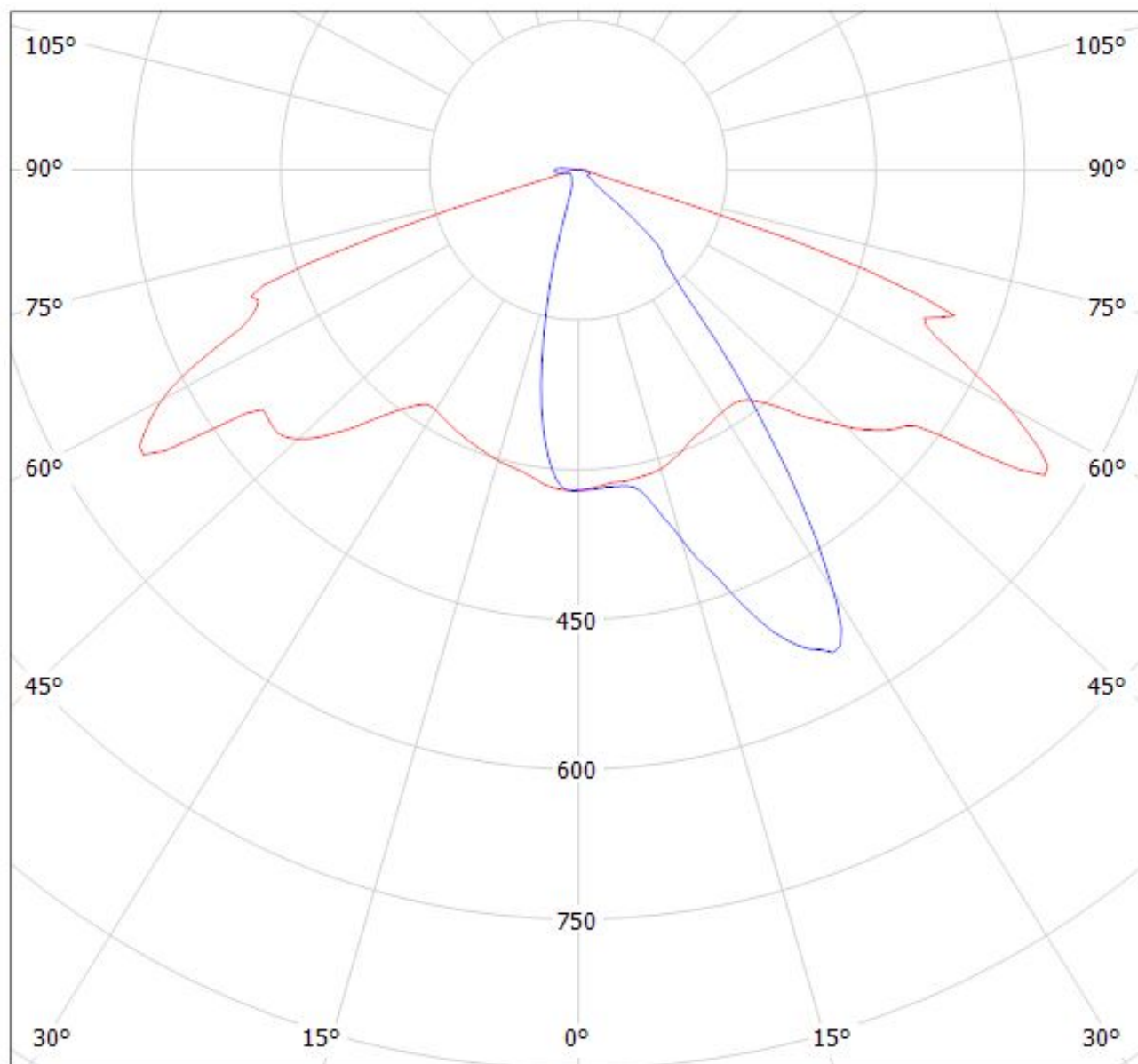


Luminaire: LEDiL Oy CA13119\_STRADA-SQ-A-T\_(LUXEON-MZ) Eff.93.0%  
Lamps: 1 x LUXEON-MZ\_263.073lm@250mA\_P=2.7399W\_I=249.9mA



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



cd/klm

$\eta = 93\%$

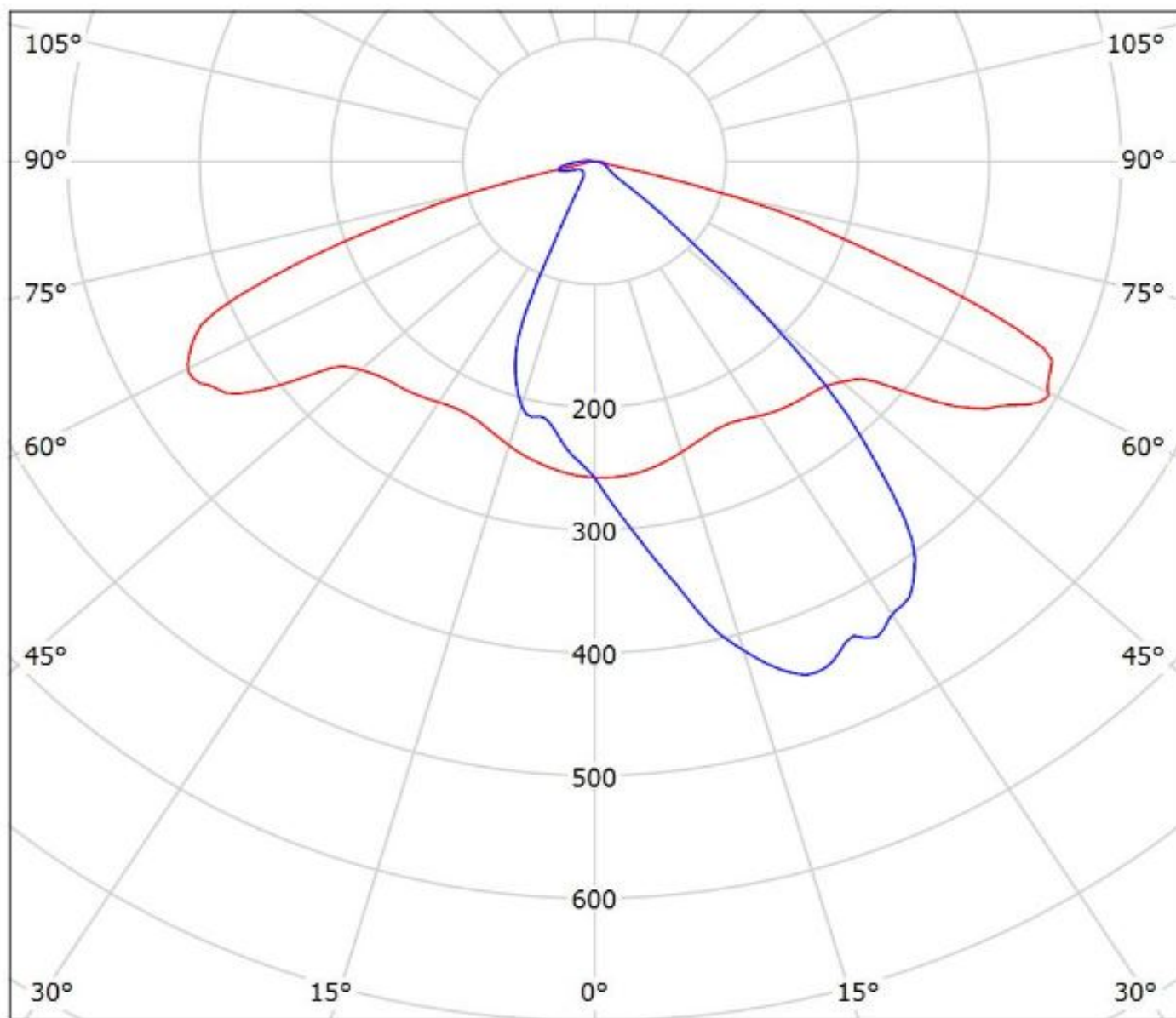
— C0 - C180

— 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



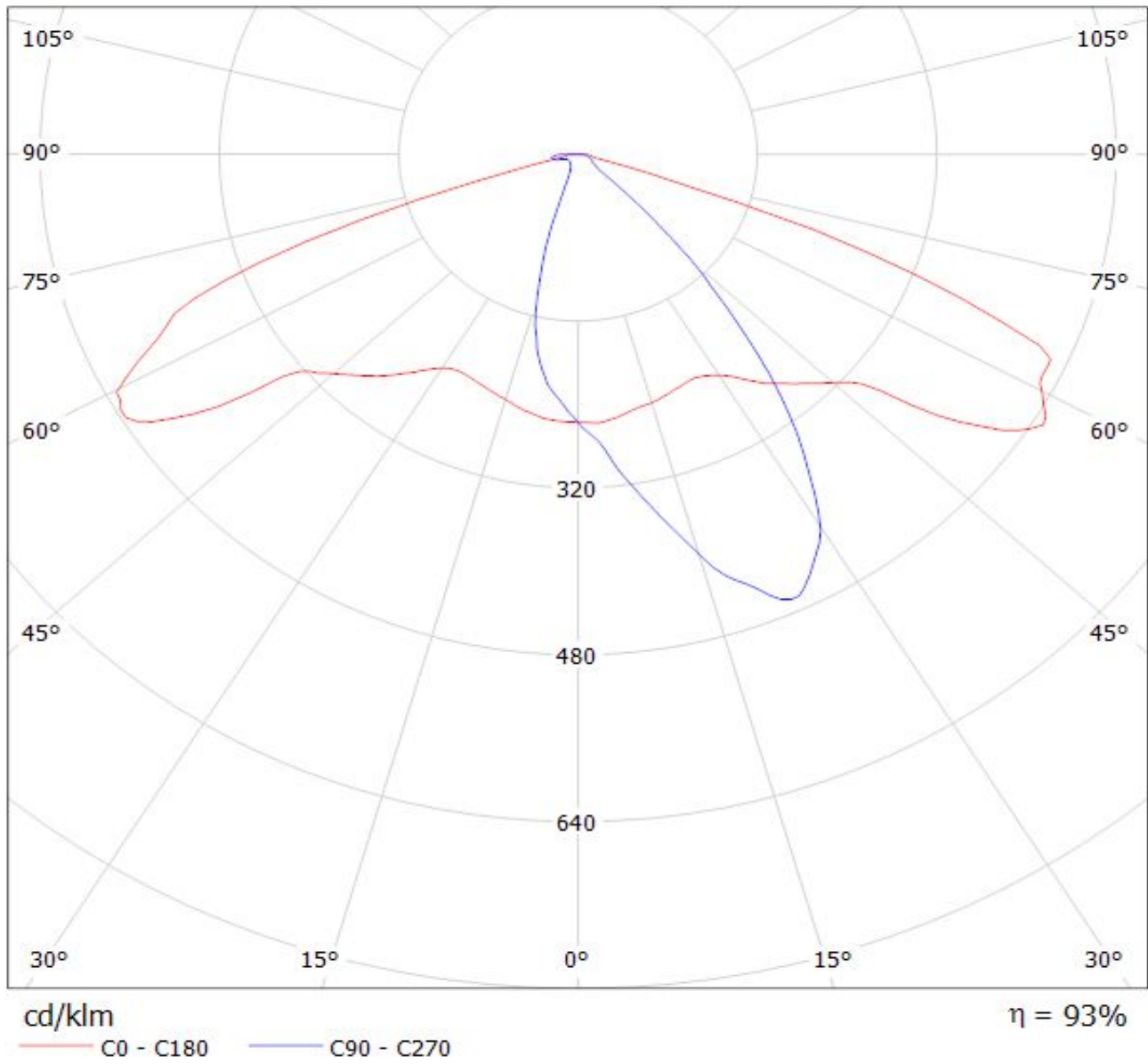
cd/klm

— C0 - C180

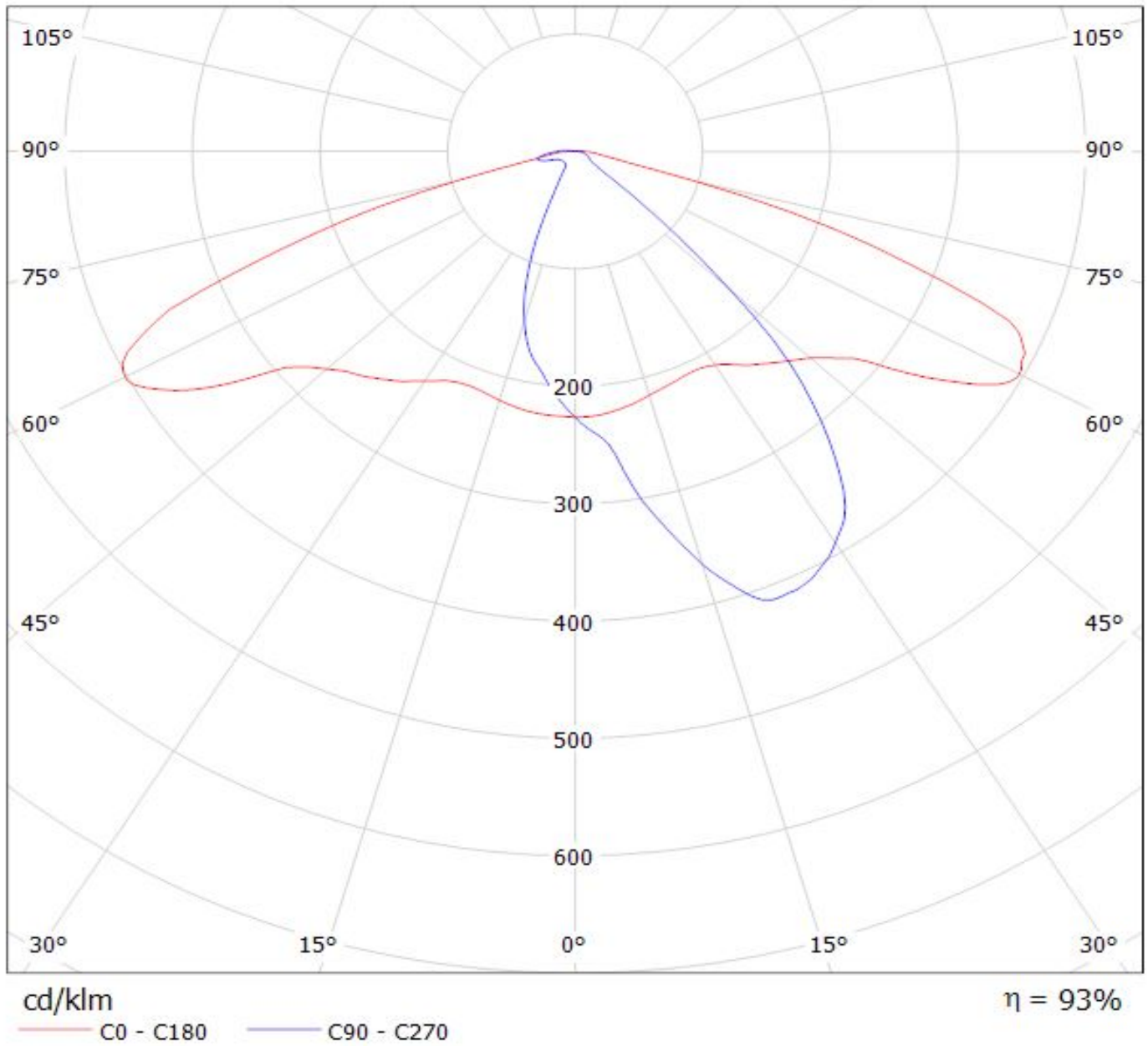
— C90 - C270

$\eta = 94\%$

Luminaire: LEDiL Oy CA13119\_STRADA-SQ-A-T\_(NS9x383) Eff. 93,3%  
Lamps: 1 x Nichia NS9x383 (105lm@250mA)

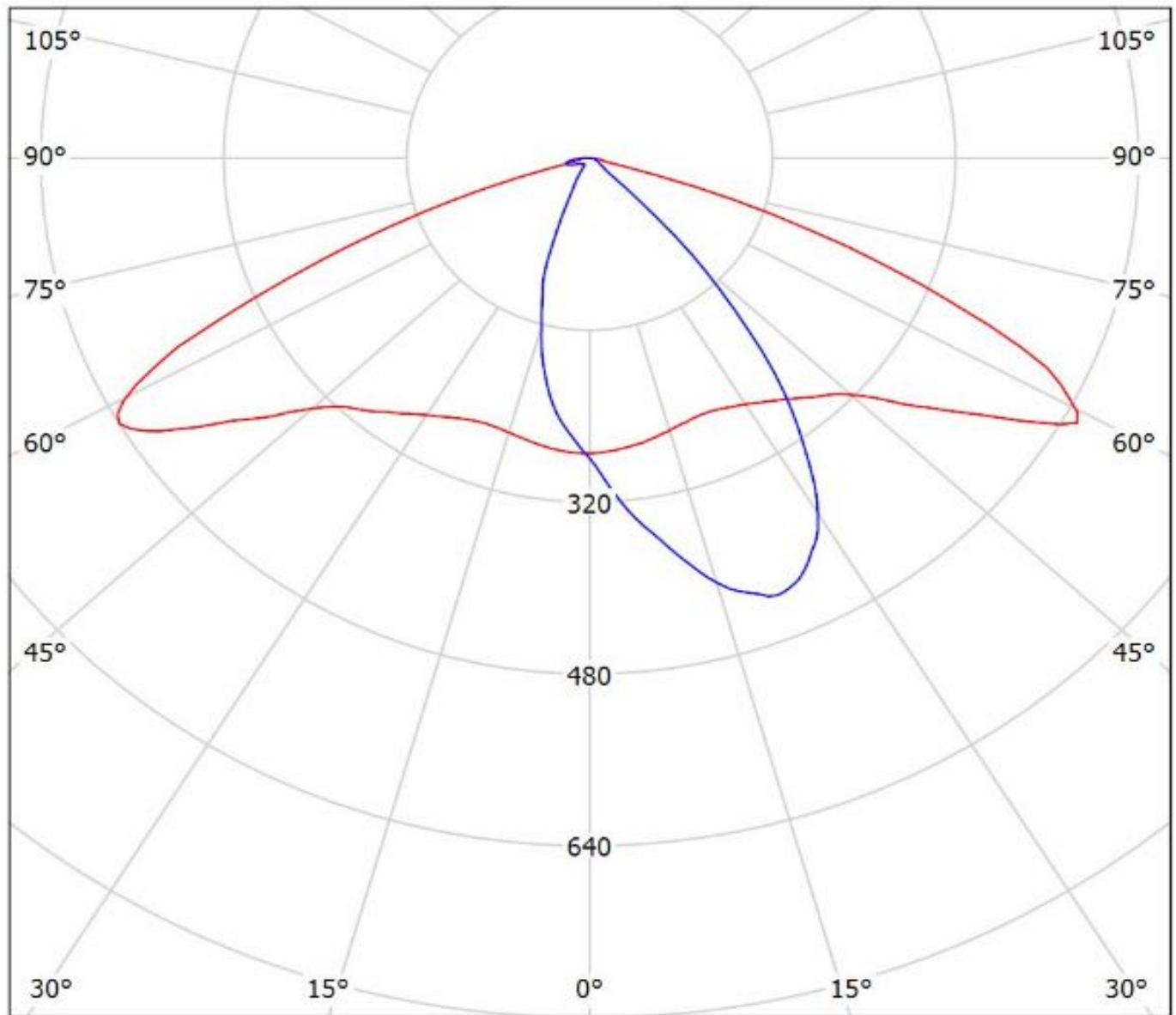


Luminaire: LEDiL Oy CA13119\_STRADA-SQ-A-T\_(NV4x144A)  
Lamps: 1 x Nichia\_NV4x144A\_477.334lm@250mA\_P=2.8030W\_I=0.250A



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.**