

## DETAILS

<b>Product Number</b>	CA14026_STRADA-SQ-ME
<b>Family</b>	Strada
<b>Type</b>	Assembly
<b>Color</b>	clear
<b>Diameter</b>	25 x 25 mm
<b>Height</b>	8,8 mm
<b>Style</b>	square
<b>Optic Material</b>	PMMA
<b>Holder Material</b>	
<b>Fastening</b>	tape, pin, screw
<b>Status</b>	production ready
<b>ROHS Compliant</b>	Yes
<b>Date Updated</b>	11/11/2015



## OPTICAL PROPERTIES

LED	Viewing	Light	Effi-	cd/lm	Connector
	Angle	Beam	ciency		
PSL440	Asymmetric deg	Streetligh...	91 %	0.710	-
PSL445	Asymmetric deg	Streetligh...	91 %	0.430	-
MK-R	asymmetric deg	Streetligh...	93 %	0.640	-
MHB-A/B	sim: Asymmetri	Streetligh...	-	-	-
XHP50	Asymmetric deg	Streetligh...	92 %	0.580	-
LUXEON M/MX	asymmetric deg	Streetligh...	92 %	0.670	-
LUXEON MZ	asymmetric deg	Streetligh...	93 %	0.960	-
LUXEON XR-M linear 1x3, 1x4, 1x5	Asymmetric deg	Streetligh...	93 %	0.670	-
NV4x144A	Asymmetric deg	Streetligh...	91 %	0.540	-
NVSxx19B/NVSxx19C	sim: Asymmetri	Streetligh...	sim: 92 %	sim: 0.980	-
Duris S10	Asymmetric deg	Streetligh...	90 %	0.510	-
Duris P10	sim: Asymmetri	Streetligh...	sim: 91 %	sim: 0.710	-

D

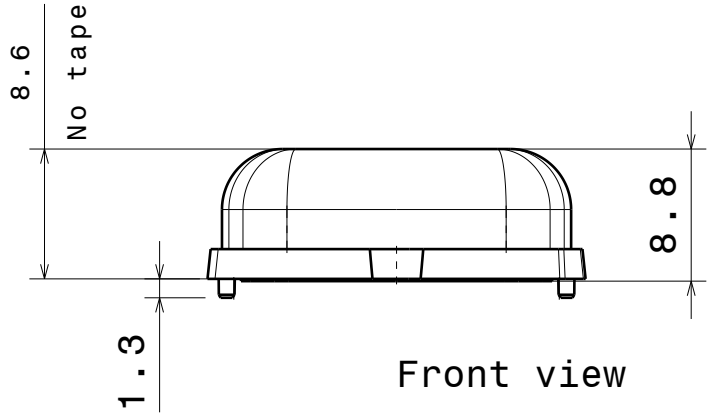
C

B

A

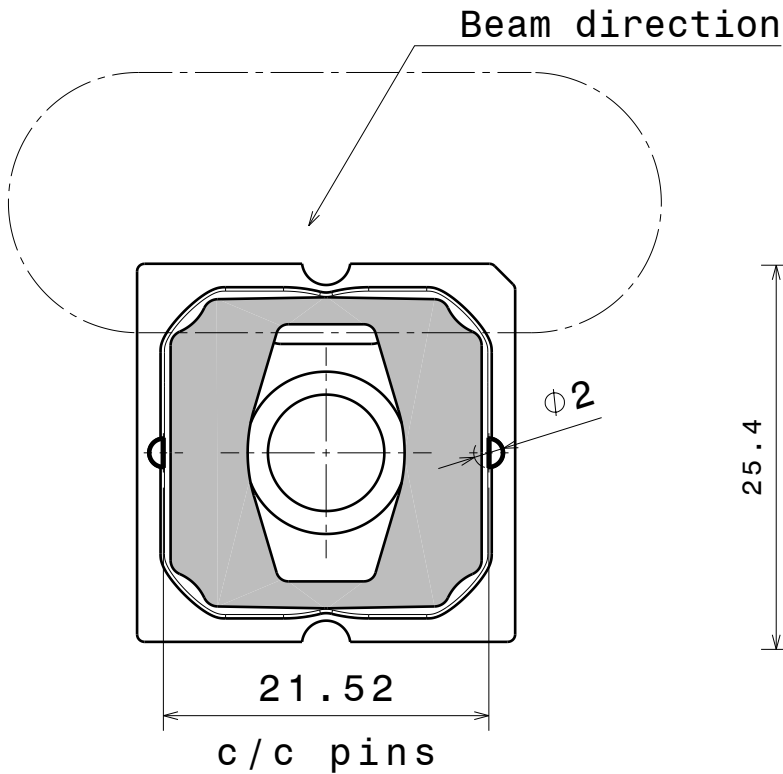
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4



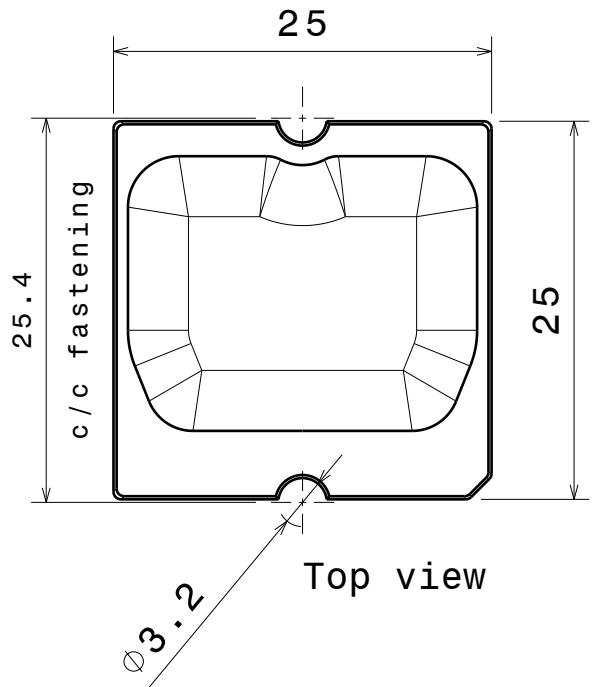
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3



2

2

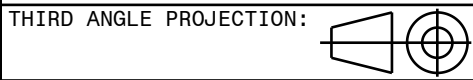


1

1

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

**LEDiL** Ledil Oy  
Salorankatu 10  
FIN 24240 SALO  
Finland



DRAWING TITLE  
**STRADA-SQ-ME\_Mechanicaldrawing**

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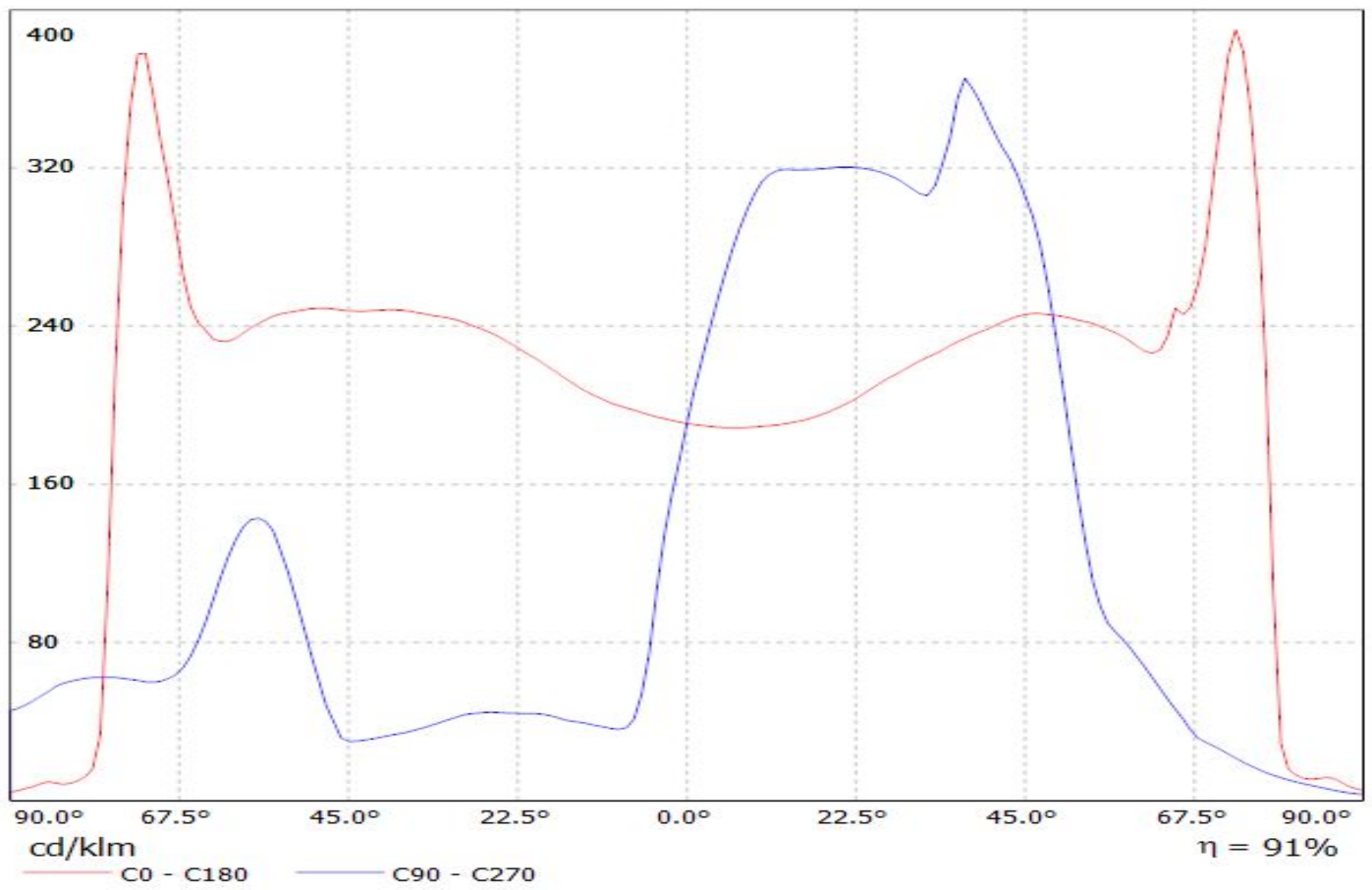
SIZE	PART NUMBER
A4	-

SCALE	2:1	WEIGHT	-	SHEET	1/1
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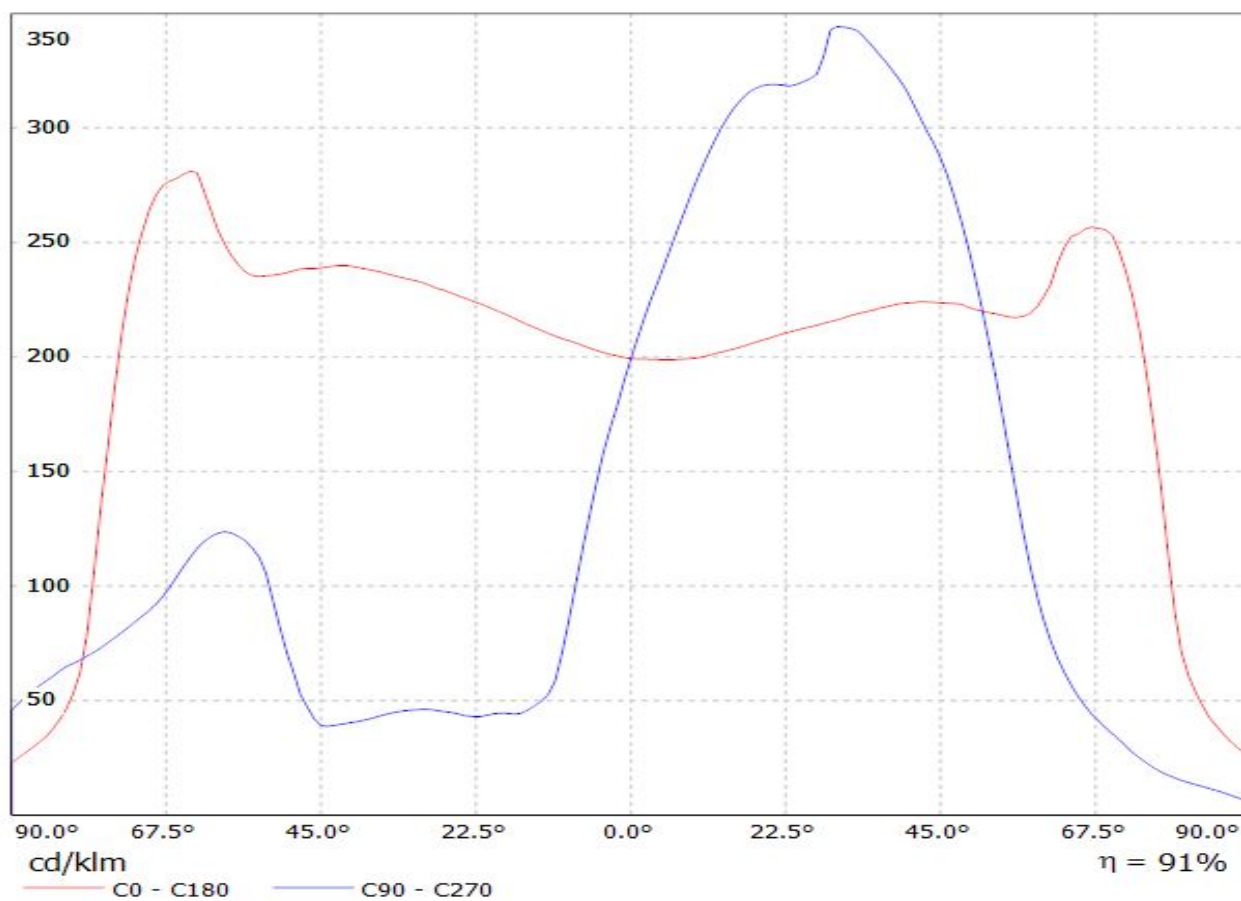
D

A

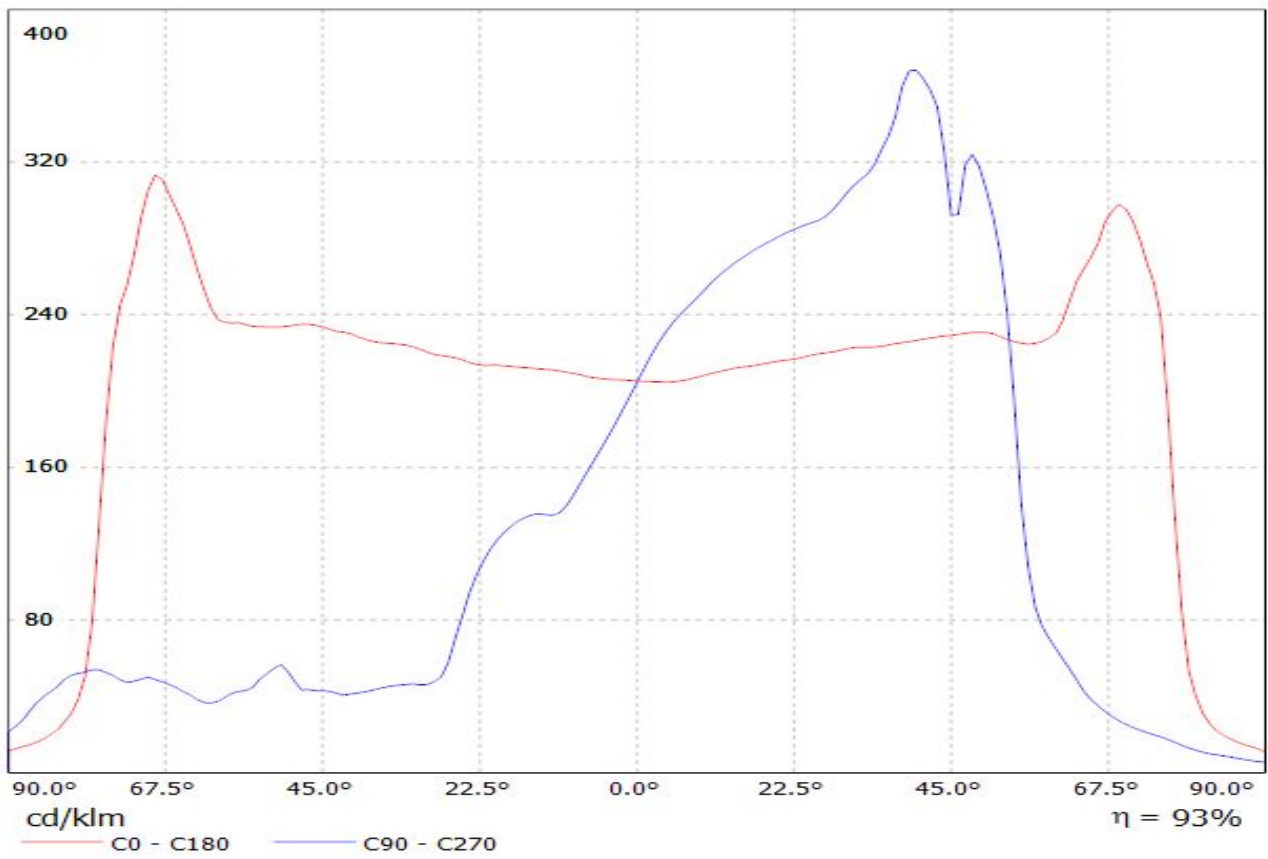
Luminaire: LEDiL Oy CA14026\_STRADA-SQ-ME\_(PSL440)  
Lamps: 1 x Citizen\_PSL440\_256.951lm@250mA\_P=2.8697W\_I=0.250A



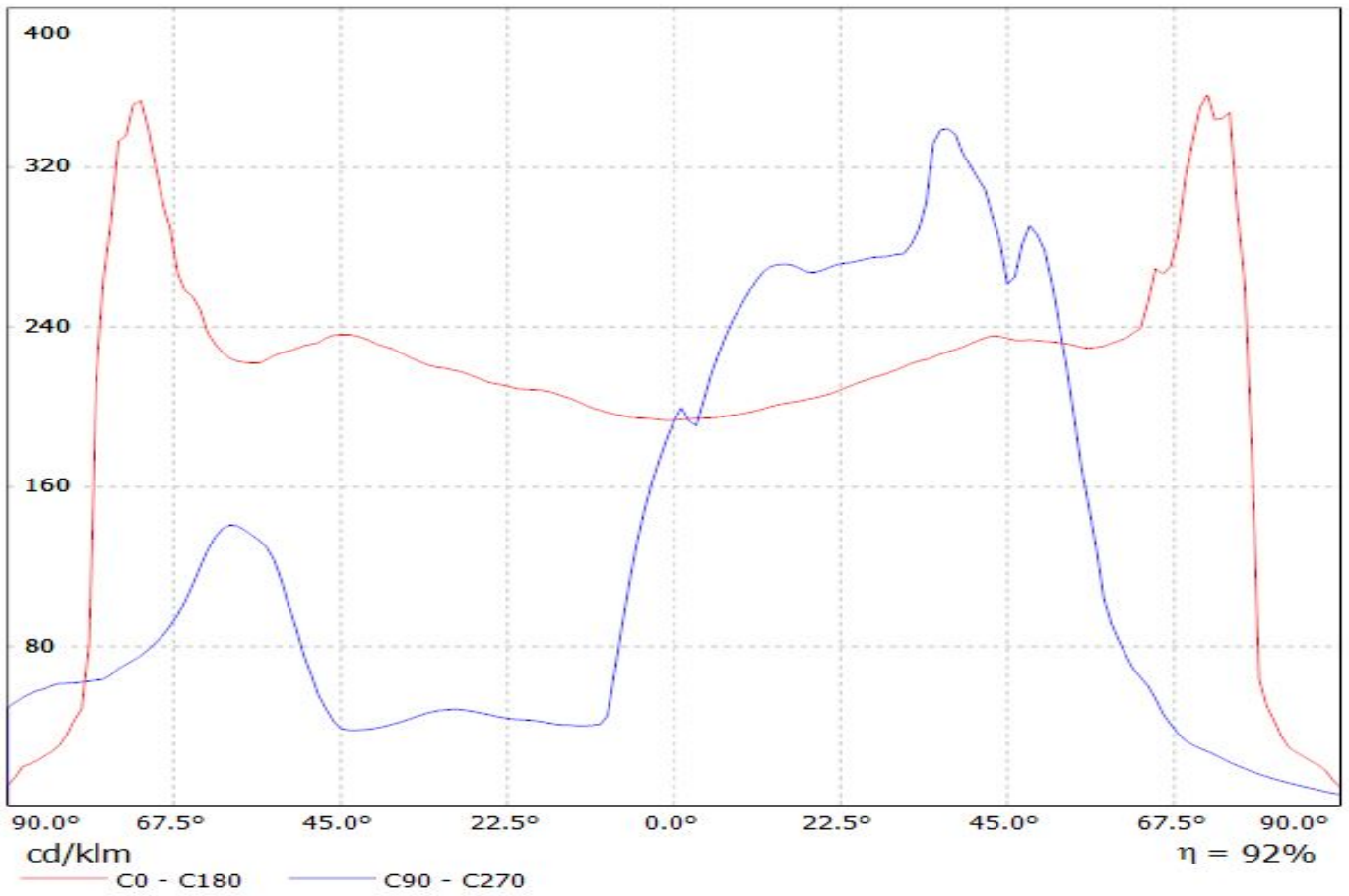
Luminaire: LEDiL Oy CA14026\_STRADA-SQ-ME\_(PSL445)  
Lamps: 1 x Citizen\_PSL445\_424.116lm@250mA\_P=2.81625W\_I=0.250A\_CCT=2700K



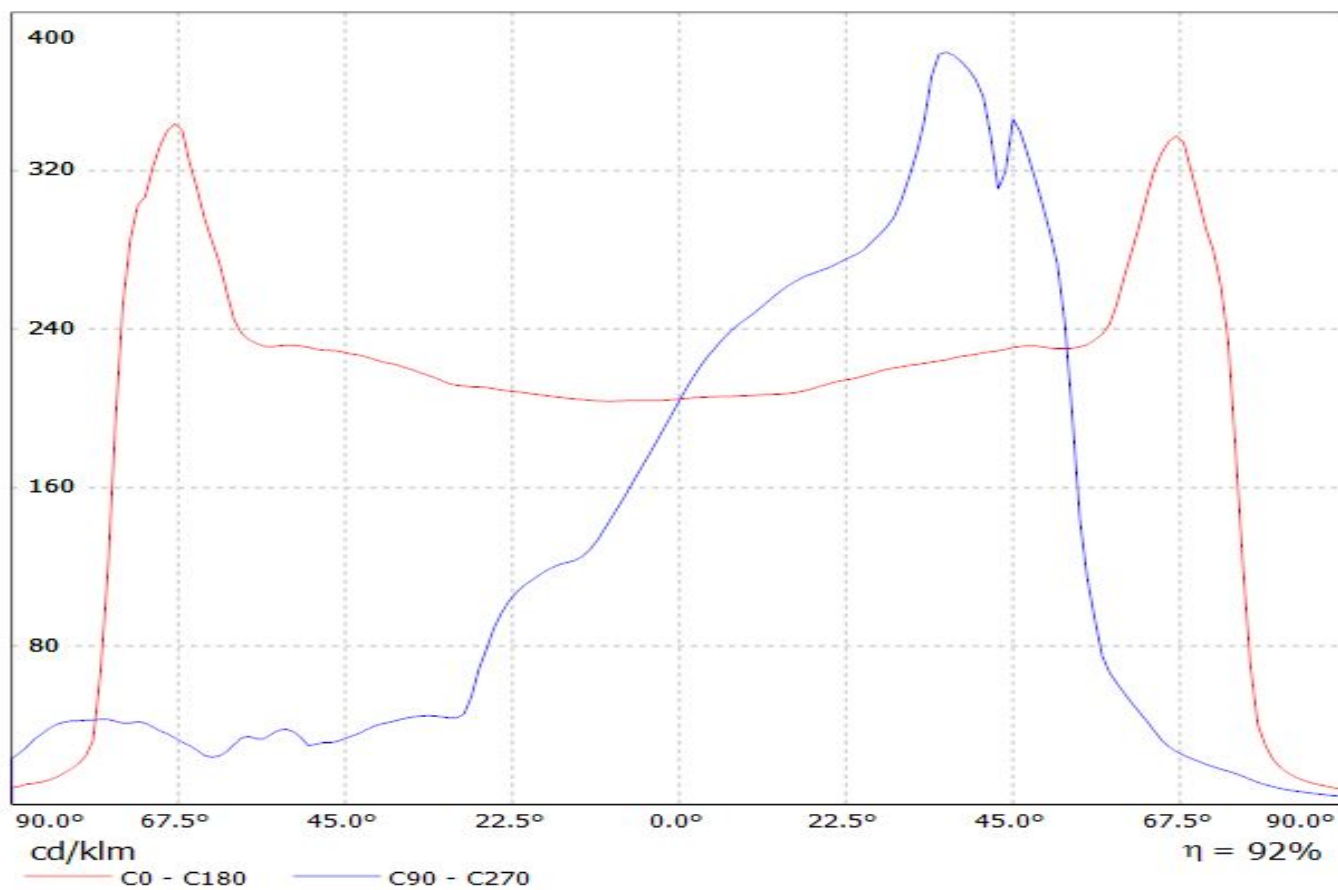
Luminaire: LEDiL Oy CA14026\_STRADA-SQ-ME\_(MK-R) Eff.93.4%  
Lamps: 1 x CREE\_MK-R\_356.197lm@250mA\_P=2.84186W\_I=249.9mA



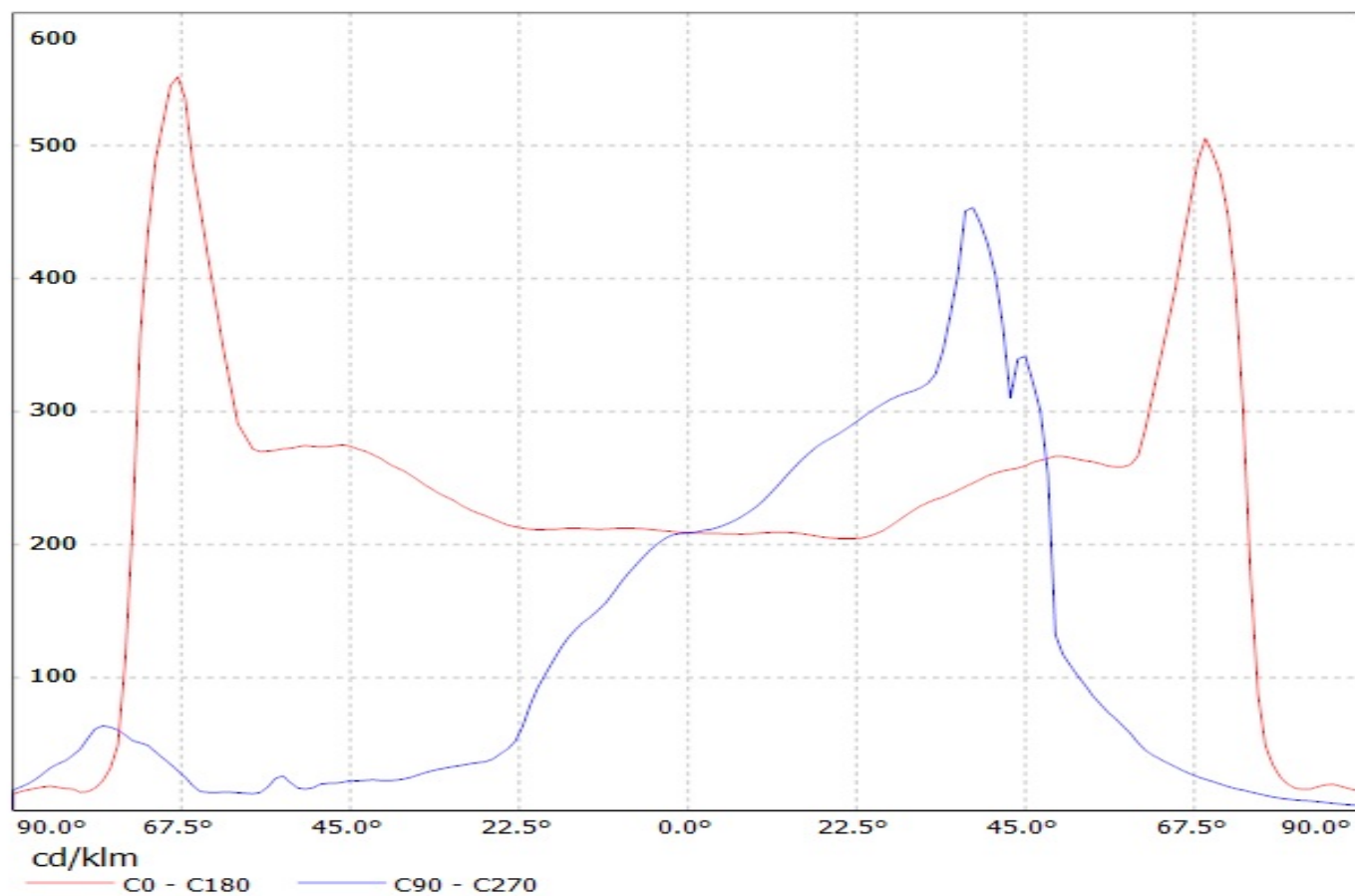
Luminaire: LEDiL Oy CA14026\_STRADA-SQ-ME\_(Cree\_XHP50\_cool\_white)  
Lamps: 1 x Cree\_XHP50\_cool\_white\_243.713lm@250mA\_P=1.42945W\_η=0.2499A



Luminaire: LEDiL Oy CA14026\_STRADA-SQ-ME\_(Luxeon\_M)  
Lamps: 1 x Luxeon M 347lm@250mA CCT:4000K P: 2.7W I:250mA

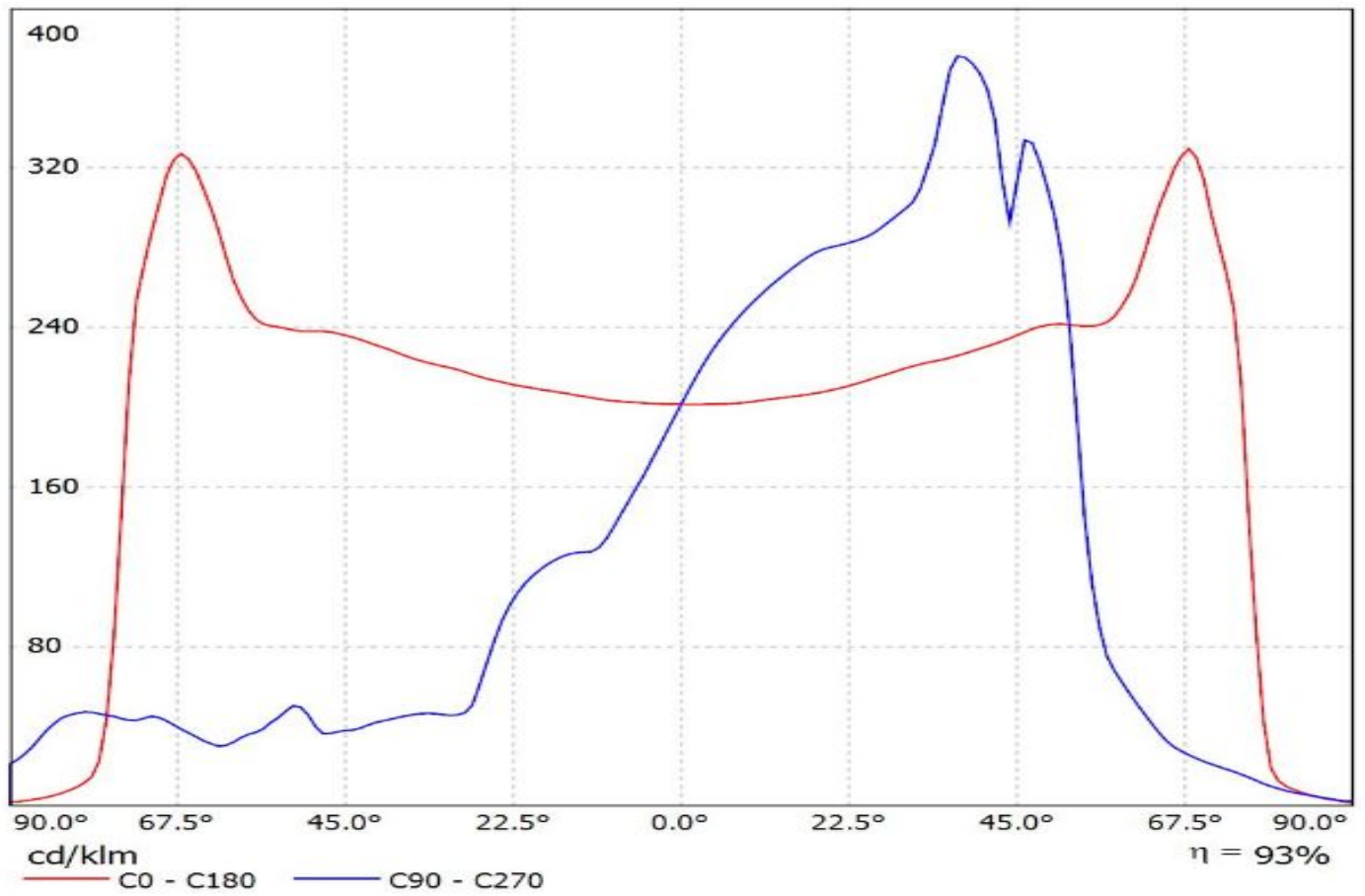


Luminaire: LEDiL Oy CA14026\_STRADA-SQ-ME\_(Luxeon\_MZ) Eff: 93%  
Lamps: 1 x LUXEON-MZ\_263.073lm@250mA\_P=2.7399W\_I=249.9mA

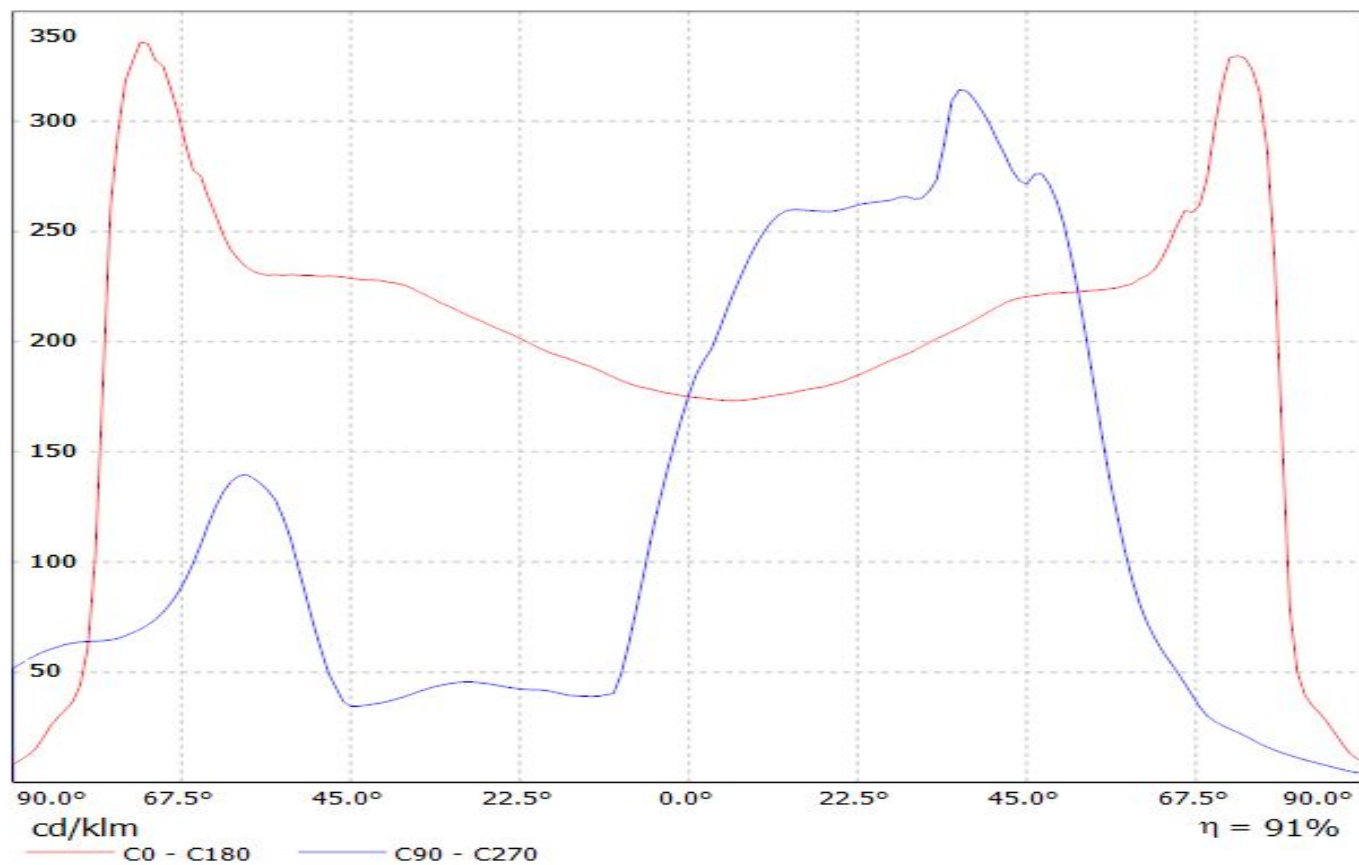




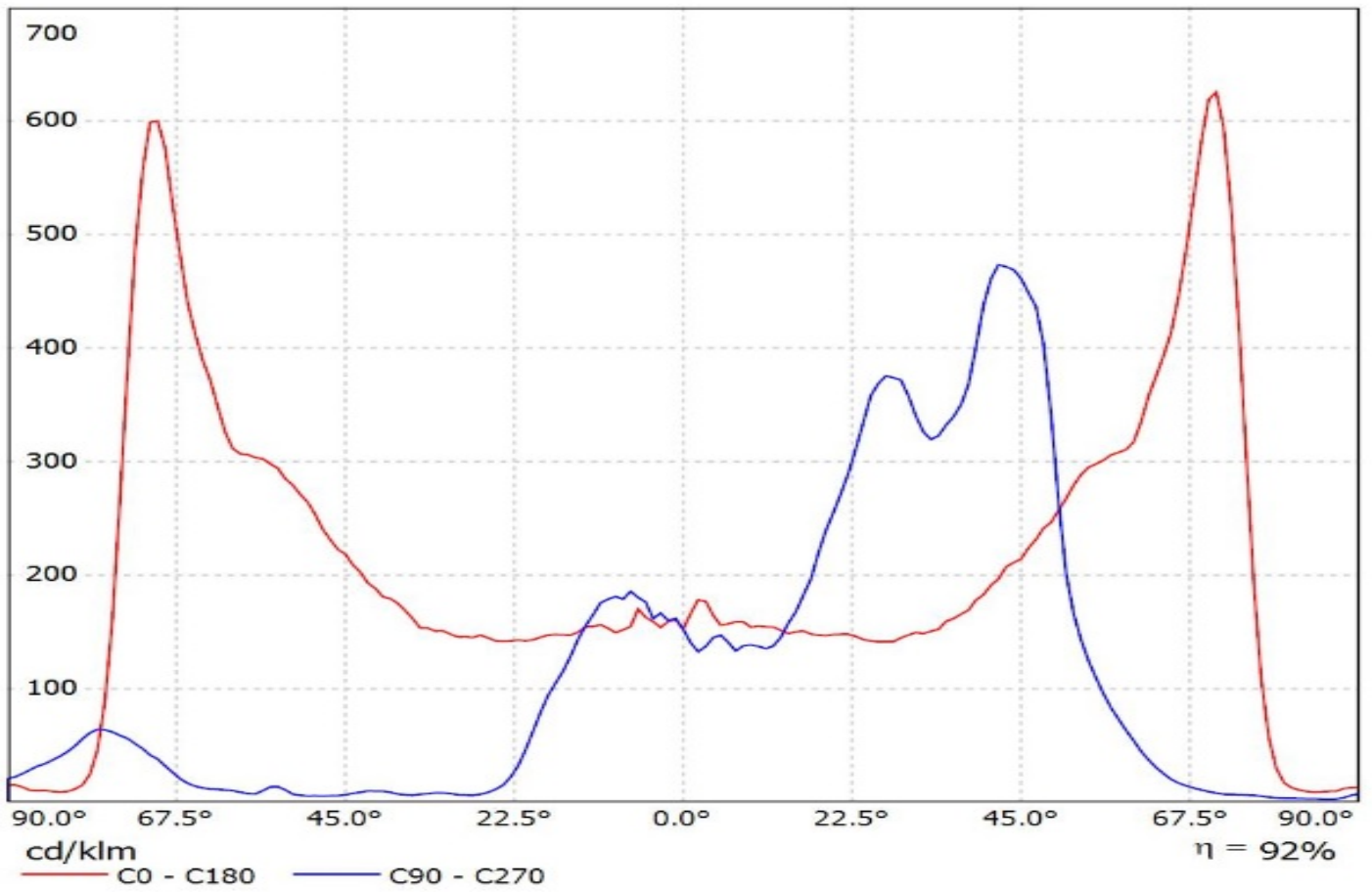
Luminaire: Ledil CA14026\_STRADA-SQ-ME\_(LUXEON\_XR-M\_Linear\_1x4)  
Lamps: 1 x Lumiled\_LUXEON\_XR-M\_Linear\_1x4\_1798.32lm@250mA\_P=11.005W\_I=0.25A



Luminaire: LEDiL Oy CA14026\_STRADA-SQ-ME\_(NV4x144A)  
Lamps: 1 x Nichia\_NV4x144A\_477.901lm@250mA\_P=2.8042W\_I=0.250A

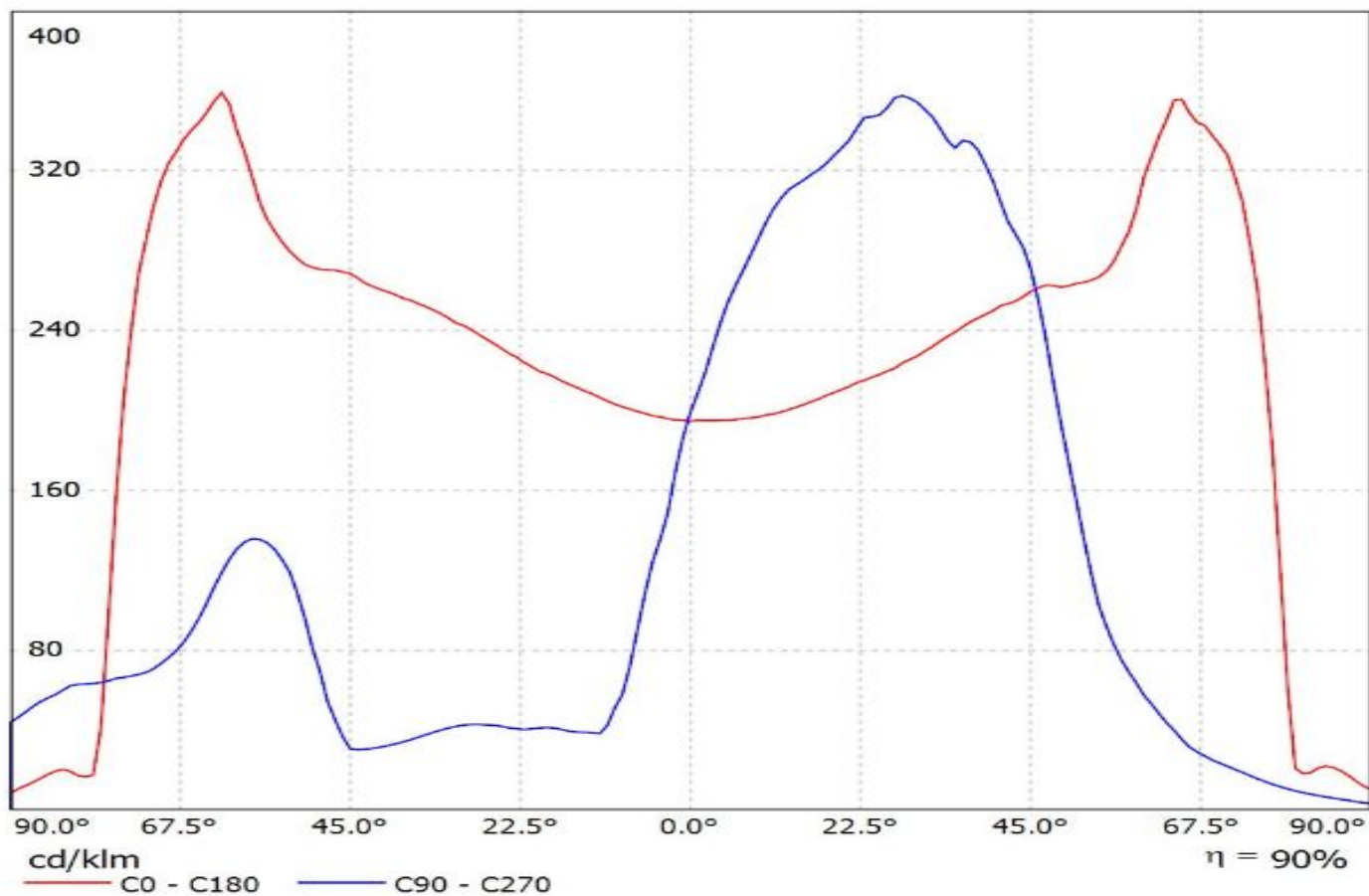


Luminaire: Ledil Oy CA14026\_STRADA-SQ-ME\_(NVSxx19C)\_SIMULATED  
Lamps: 1 x Nichia NVSW219C

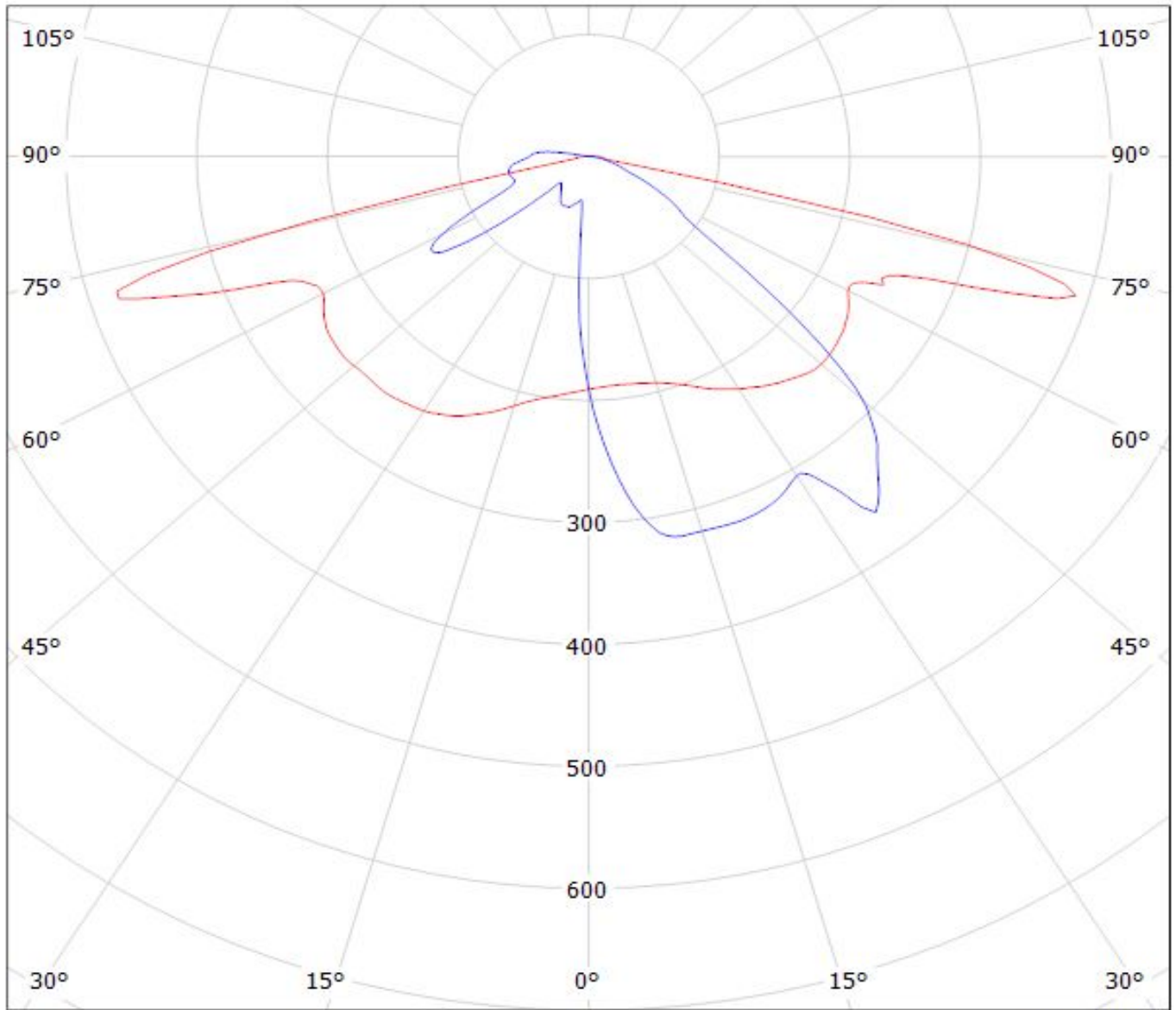


Luminaire: Ledil CA14026\_STRADA-SQ-ME\_(Duris\_S10)

Lamps: 1 x Osram\_Duris\_S10\_(GW-P7LP32.EM)\_999.98lm@250mA\_P=9.2345W\_I=0.25A



Luminaire: LEDiL Oy CA14026\_STRADA-SQ-ME\_(PSL440)  
Lamps: 1 x Citizen\_PSL440\_256.951lm@250mA\_P=2.8697W\_I=0.250A



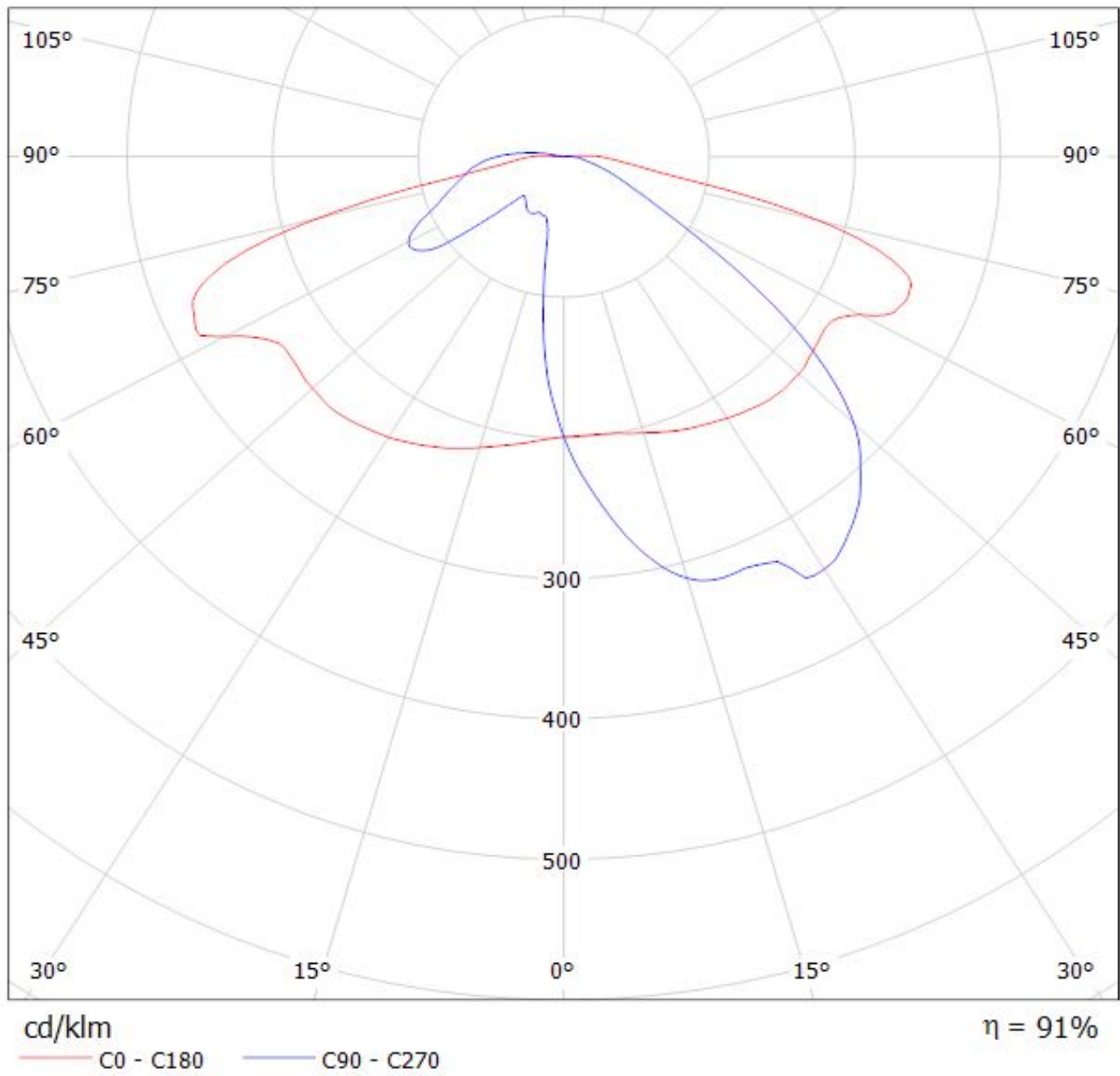
cd/klm

— C0 - C180

— C90 - C270

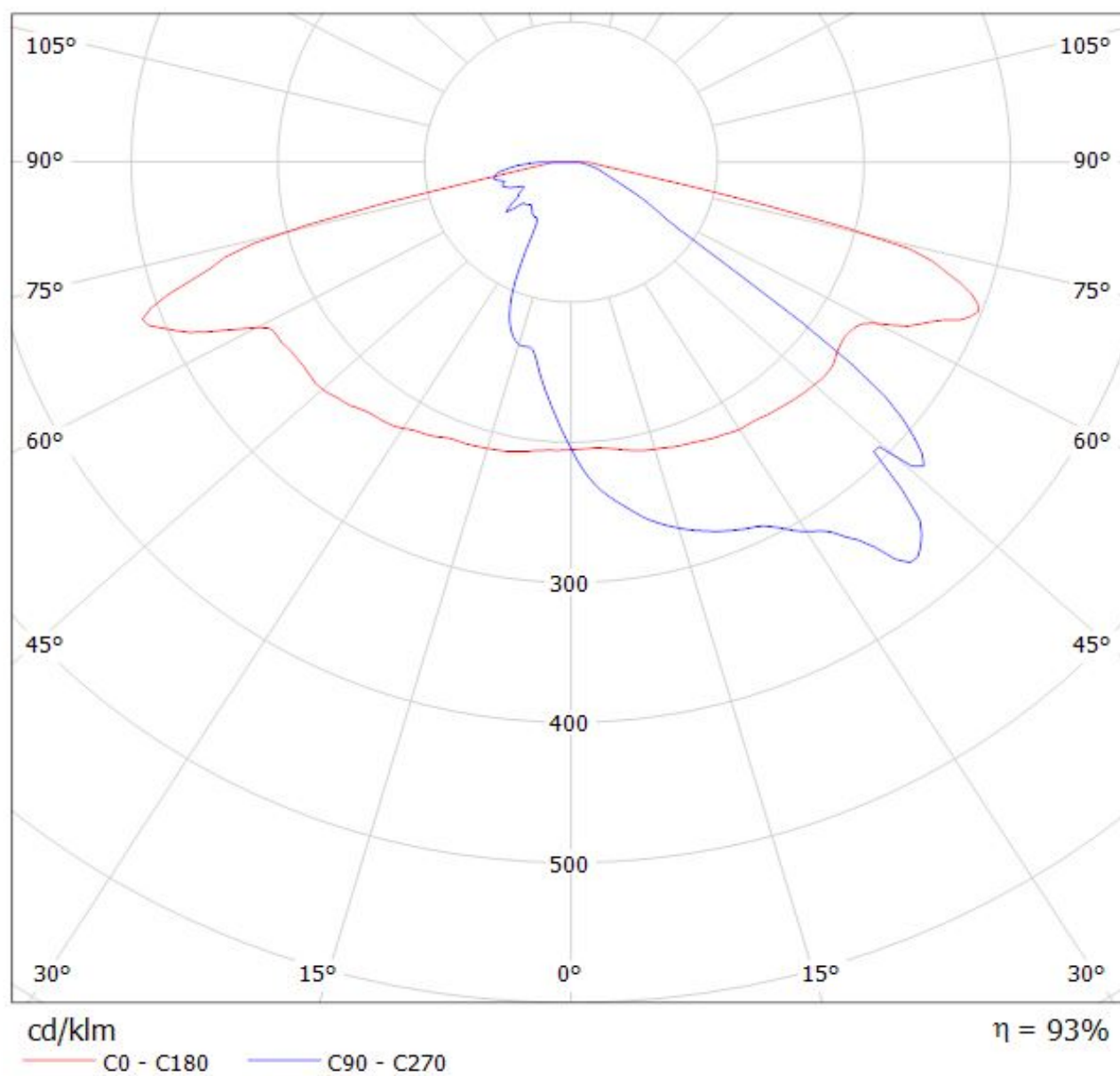
$\eta = 91\%$

Luminaire: LEDiL Oy CA14026\_STRADA-SQ-ME\_(PSL445)  
Lamps: 1 x Citizen\_PSL445\_424.116lm@250mA\_P=2.81625W\_I=0.250A\_CCT=2700K

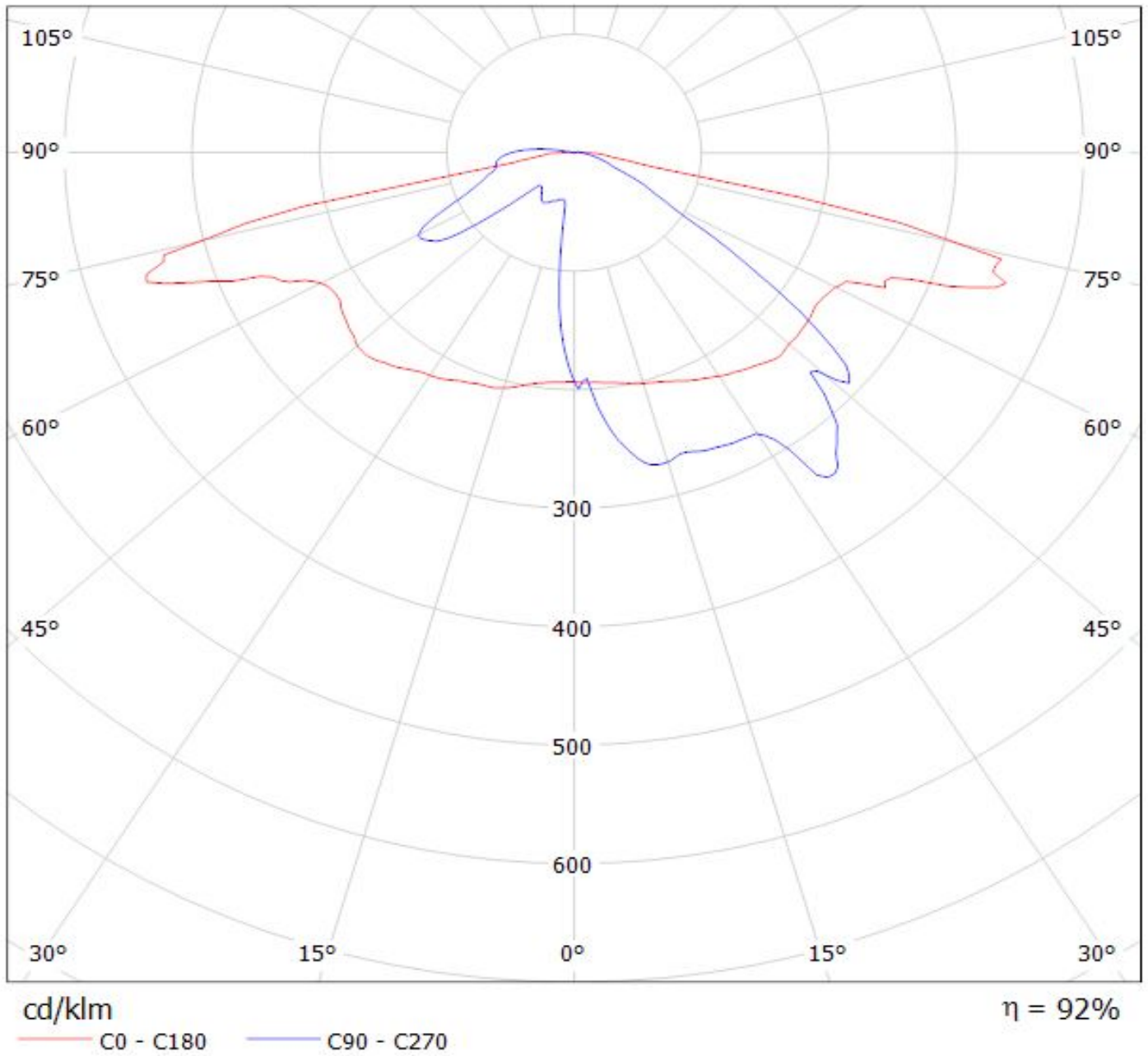




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Lamps: 1 x CREE\_MK-R\_356.197lm@250mA\_P=2.84186W\_I=249.9mA

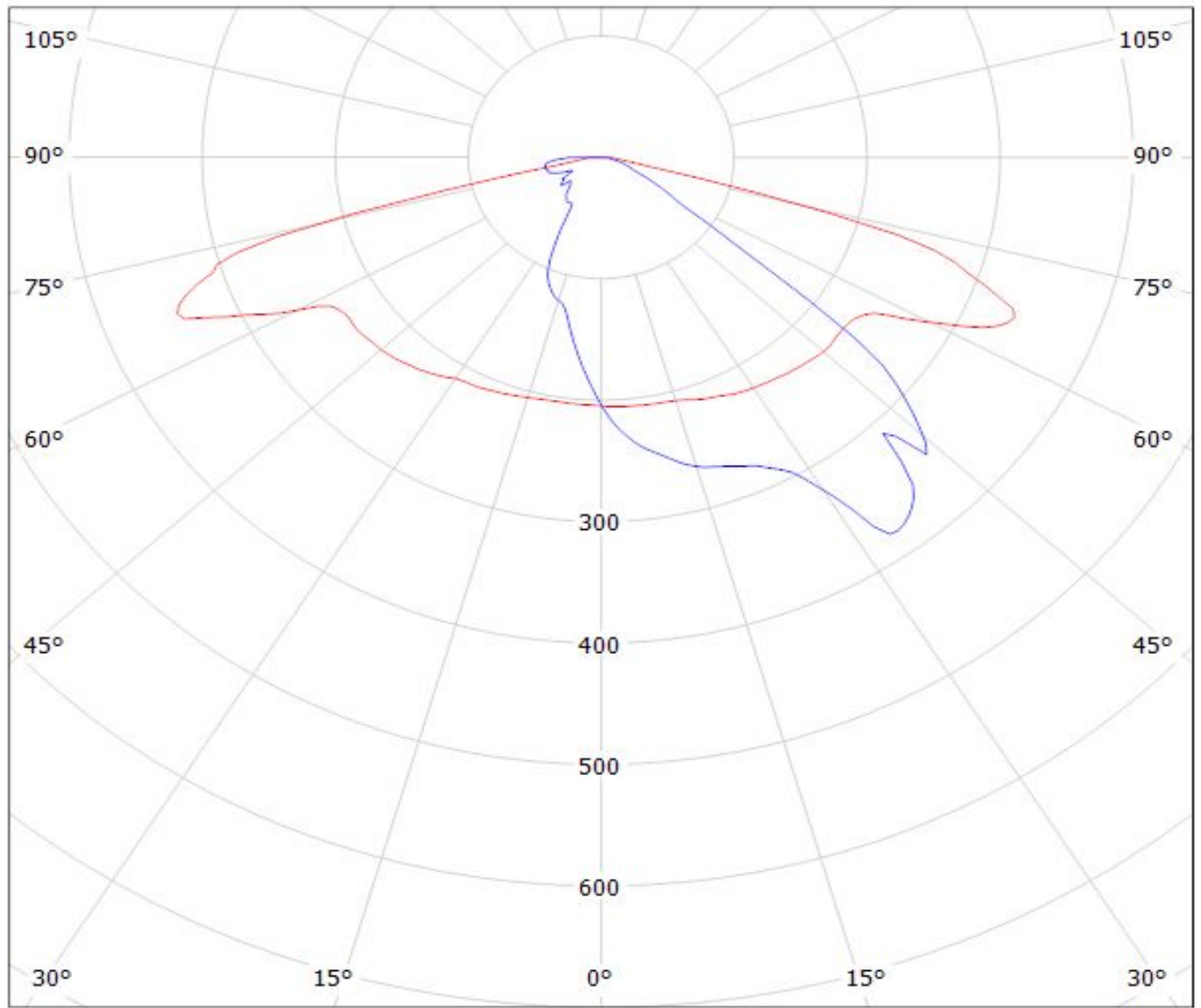


Luminaire: LEDiL Oy CA14026\_STRADA-SQ-ME\_(Cree\_XHP50\_cool\_white)  
Lamps: 1 x Cree\_XHP50\_cool\_white\_243.713lm@250mA\_P=1.42945W\_ι=0.2499A





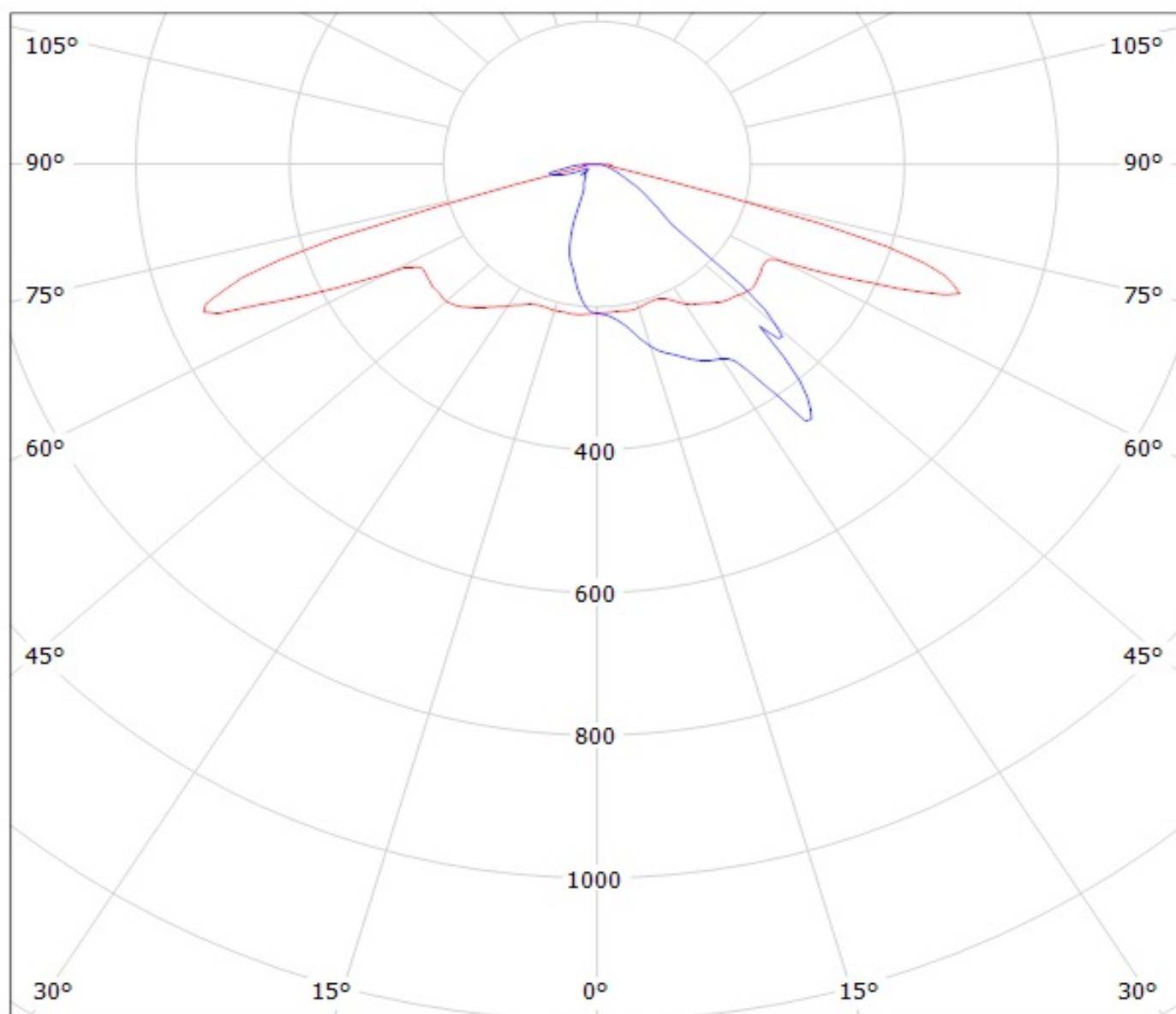
Luminaire: LEDiL Oy CA14026\_STRADA-SQ-ME\_(Luxeon\_M)  
Lamps: 1 x Luxeon M 347lm@250mA CCT:4000K P: 2.7W I:250mA



cd/klm  
— C0 - C180    — C90 - C270

$\eta = 92\%$

Luminaire: LEDiL Oy CA14026\_STRADA-SQ-ME\_(Luxeon\_MZ) Eff: 93%  
Lamps: 1 x LUXEON-MZ\_263.073lm@250mA\_P=2.7399W\_I=249.9mA

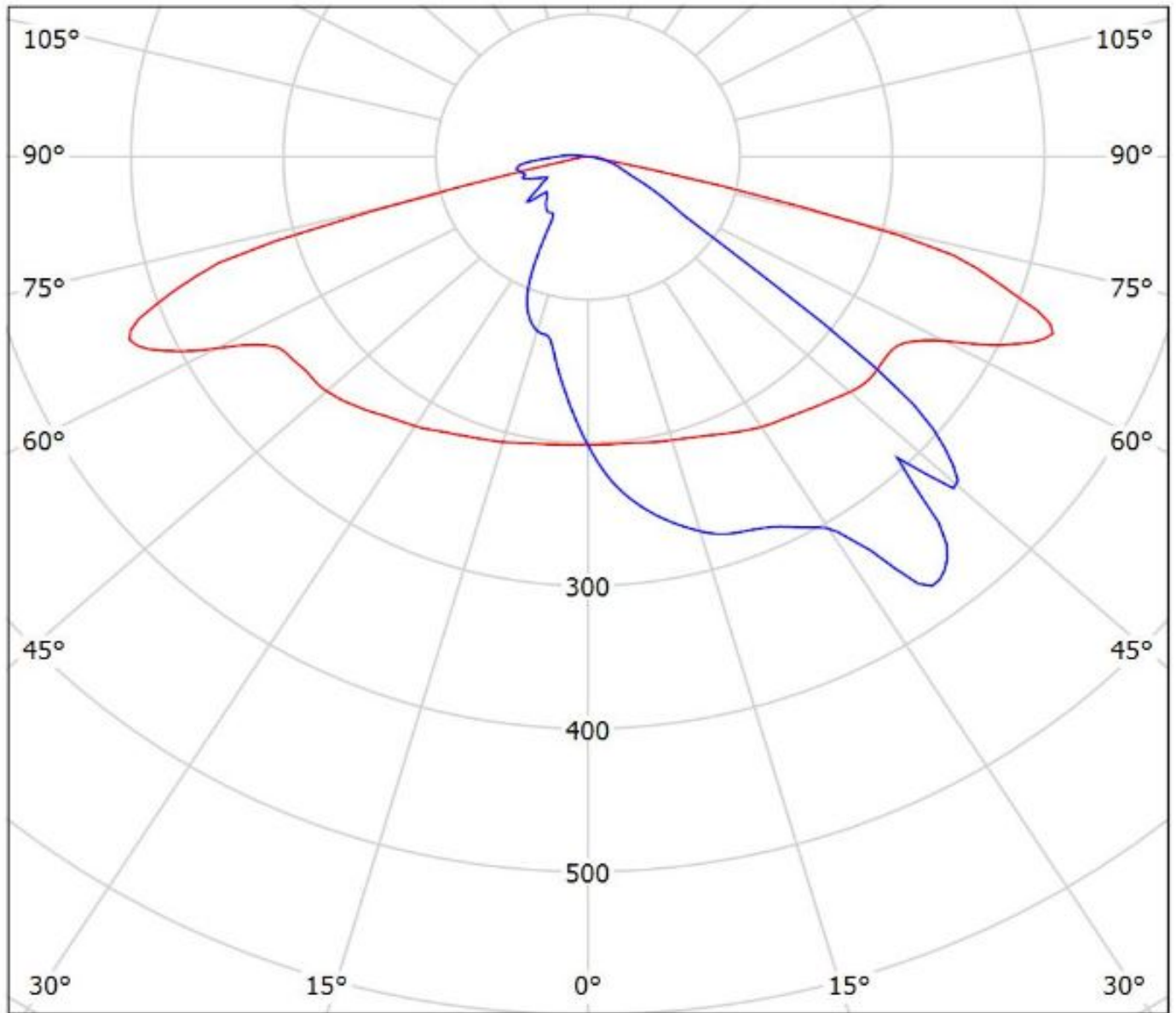


cd/klm

— C0 - C180    — C90 - C270

Luminaire: Ledil CA14026\_STRADA-SQ-ME\_(LUXEON\_XR-M\_Linear\_1x4)

Lamps: 1 x Lumiled\_LUXEON\_XR-M\_Linear\_1x4\_1798.32lm@250mA\_P=11.005W\_I=0.25A



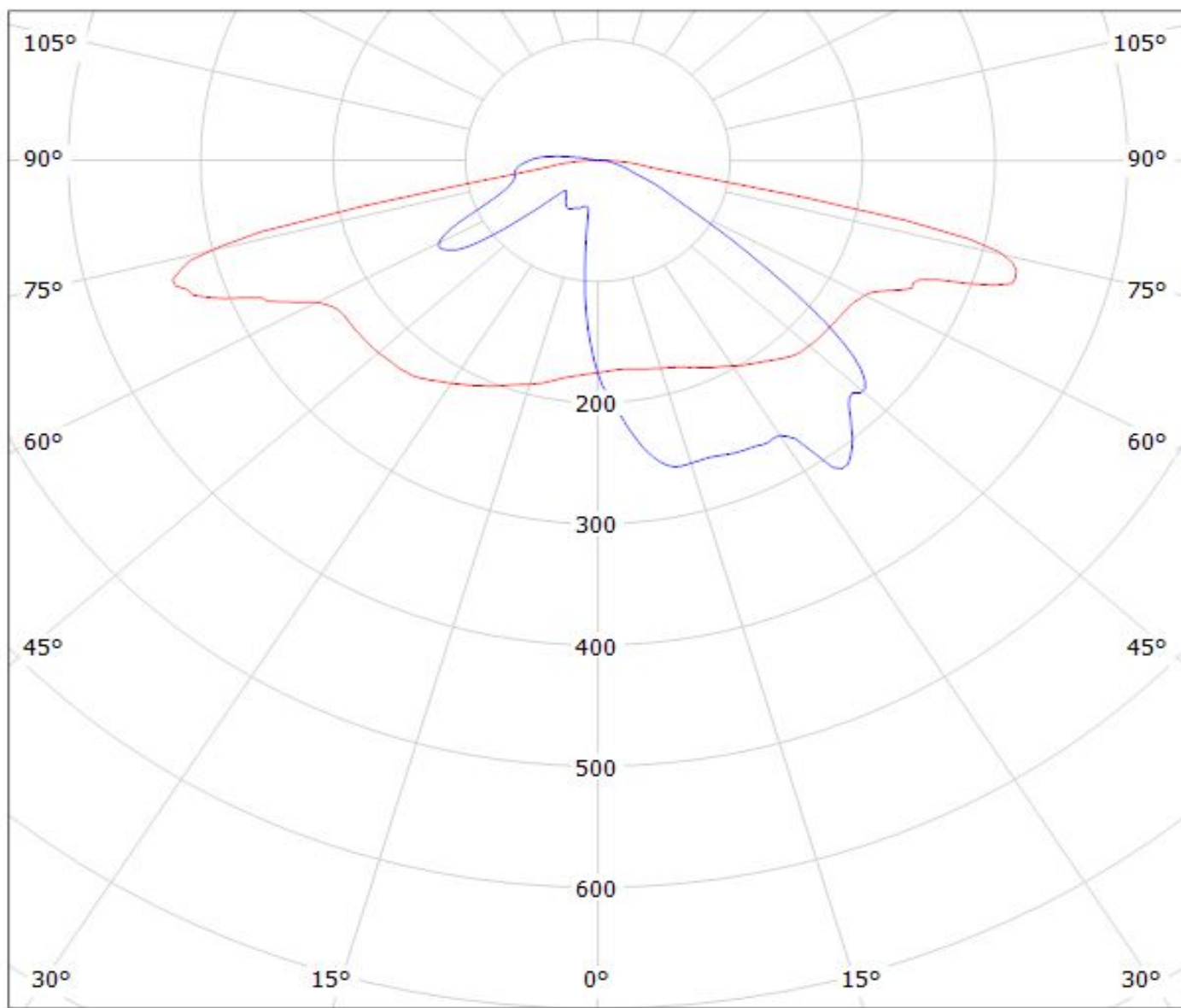
cd/klm

— C0 - C180

— C90 - C270

$\eta = 93\%$

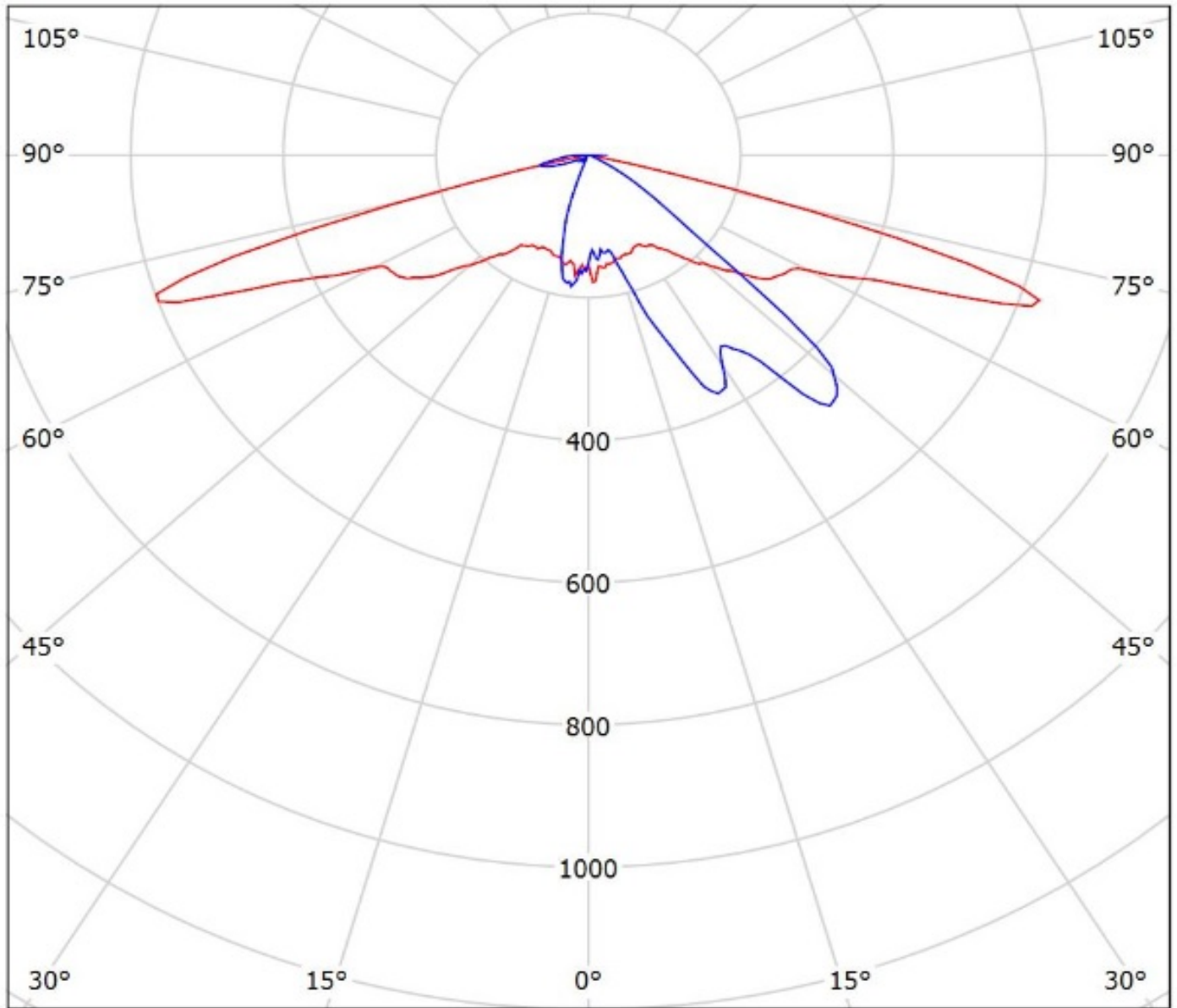
Luminaire: LEDiL Oy CA14026\_STRADA-SQ-ME\_(NV4x144A)  
Lamps: 1 x Nichia\_NV4x144A\_477.901lm@250mA\_P=2.8042W\_I=0.250A



cd/klm  
— C0 - C180    — C90 - C270

$\eta = 91\%$

Luminaire: Ledil Oy CA14026\_STRADA-SQ-ME\_(NVSxx19C)\_SIMULATED  
Lamps: 1 x Nichia NVSW219C



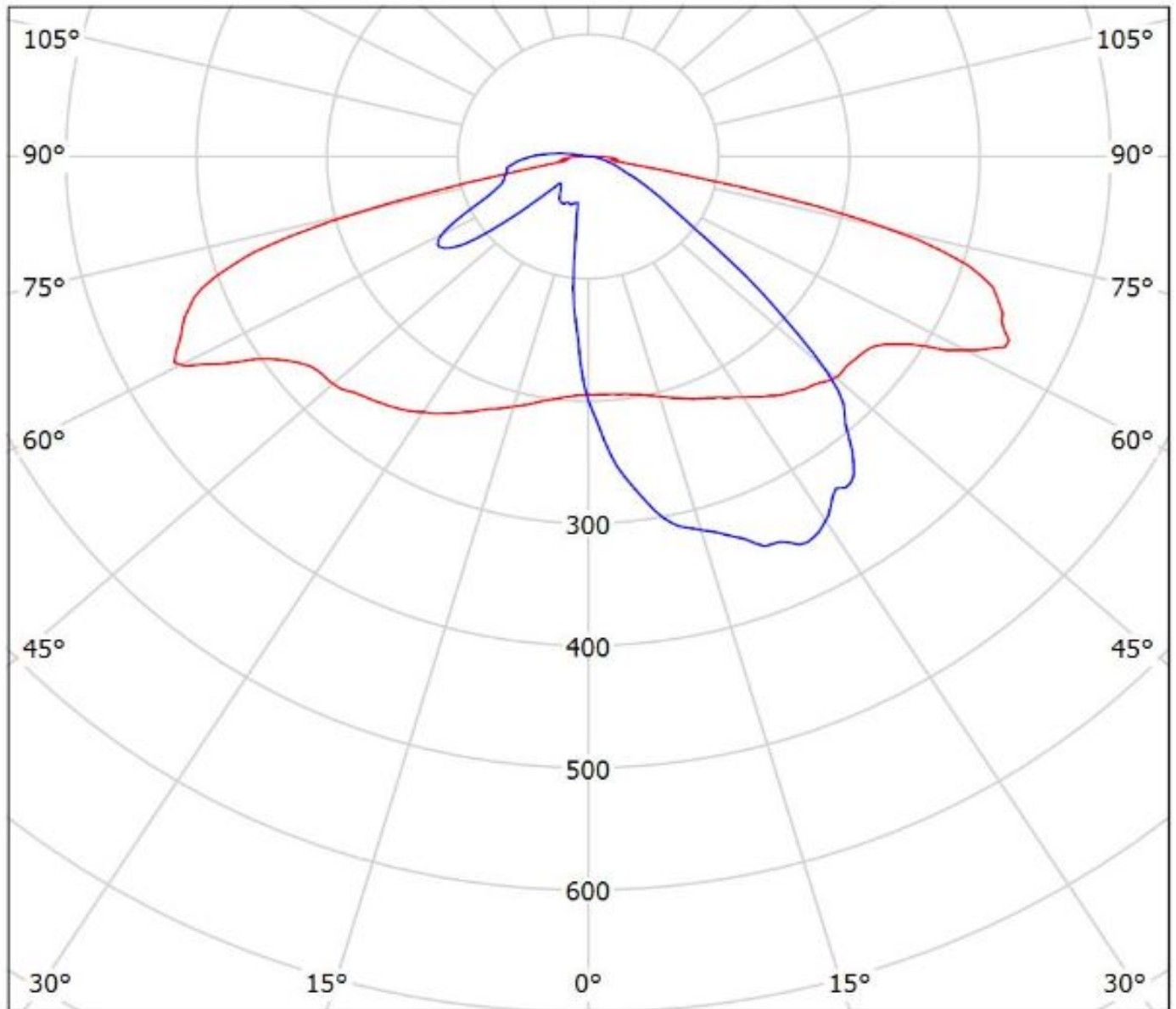
cd/klm

— C0 - C180 — C90 - C270

$\eta = 92\%$

Luminaire: Ledil CA14026\_STRADA-SQ-ME\_(Duris\_S10)

Lamps: 1 x Osram\_Duris\_S10\_(GW-P7LP32.EM)\_999.98lm@250mA\_P=9.2345W\_I=0.25A



cd/klm

— C0 - C180

— C90 - C270

$\eta = 90\%$



**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.**