

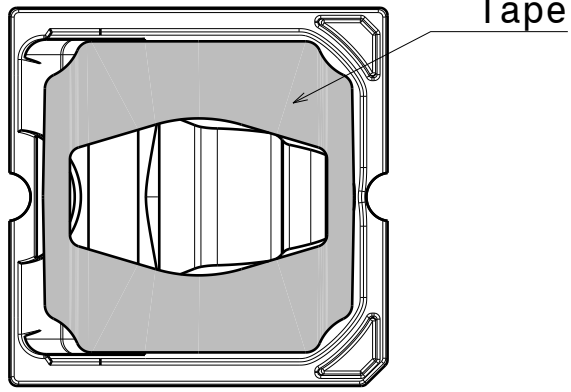
## DETAILS

<b>Product Number</b>	CA12411_STRADA-SQ-A-T
<b>Family</b>	Strada-SQ
<b>Type</b>	Assembly
<b>Color</b>	clear
<b>Diameter</b>	25 + 25 mm
<b>Height</b>	9,15 mm
<b>Style</b>	square
<b>Optic Material</b>	PMMA
<b>Holder Material</b>	
<b>Fastening</b>	screw, tape
<b>Status</b>	production ready
<b>ROHS Compliant</b>	Yes
<b>Date Updated</b>	26/08/2014

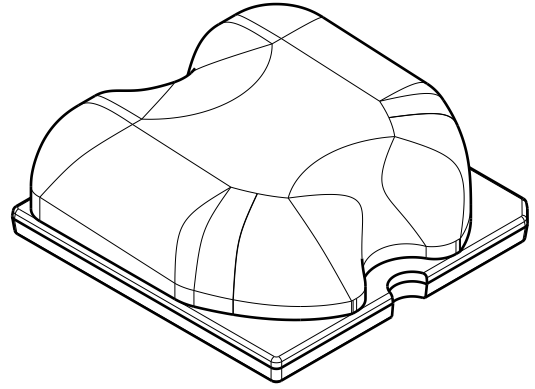
## OPTICAL PROPERTIES

LED	Viewing Angle	Light Beam	Efficiency	cd/lm	Connector
XM-L	Asymmetric deg	Streetligh...	93 %	0.510	-
XM-L2	asymmetric deg	Streetligh...	94 %	0.700	-
XHP50	Asymmetric deg	Streetligh...	94 %	0.590	-
LUXEON M	Asymmetric deg	Streetligh...	93 %	0.410	-
LUXEON MZ	asymmetric deg	Streetligh...	93 %	0.730	-
LUXEON XR-M linear 1x3, 1x4, 1x5	Asymmetric deg	Streetligh...	94 %	0.540	-
NS9x383	Asymmetric deg	Streetligh...	93 %	0.690	-
OLP-5065F6L-06A	Asymmetric deg	Streetligh...	93 %	0.650	-
OLP-5065F6L-06A	Asymmetric deg	Streetligh...	93 %	0.650	-
Duris S10	Asymmetric deg	Streetligh...	93 %	0.580	-

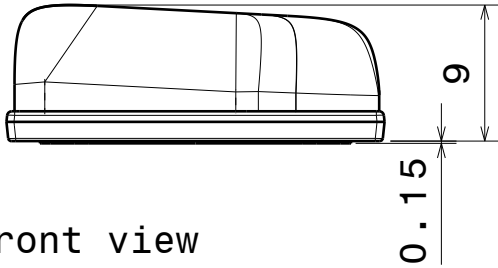




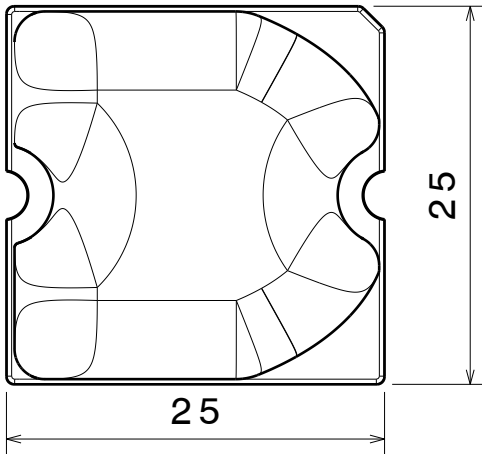
Bottom view



Isometric view



Front view



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.

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

DRAWING TITLE Mechanical drawing

DRAWN BY as  
DATE 25.9.2012

STRADA-SQ-A-T

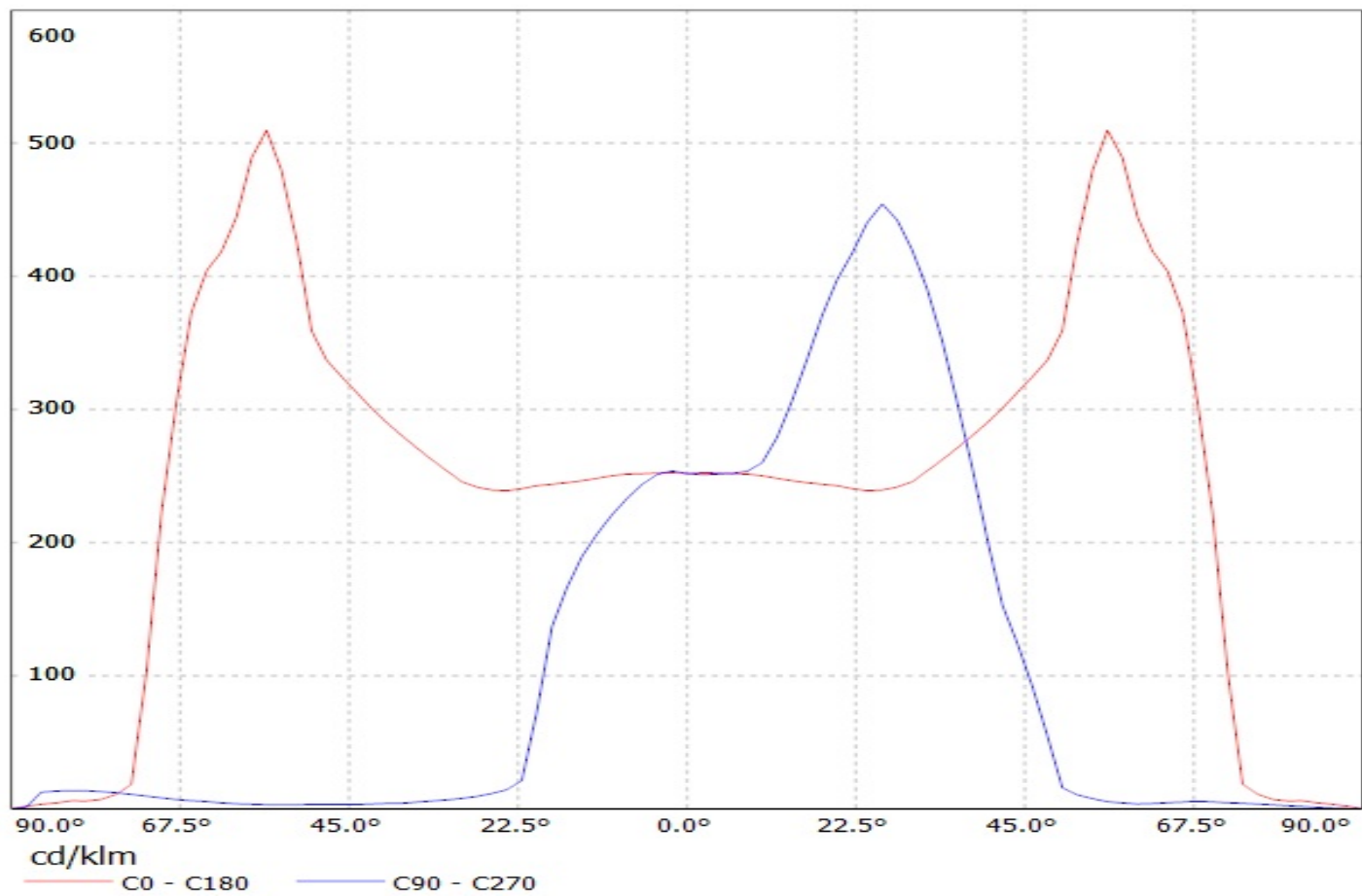
CHECKED BY VS  
DATE -

SIZE A4 PART NUMBER REV 001

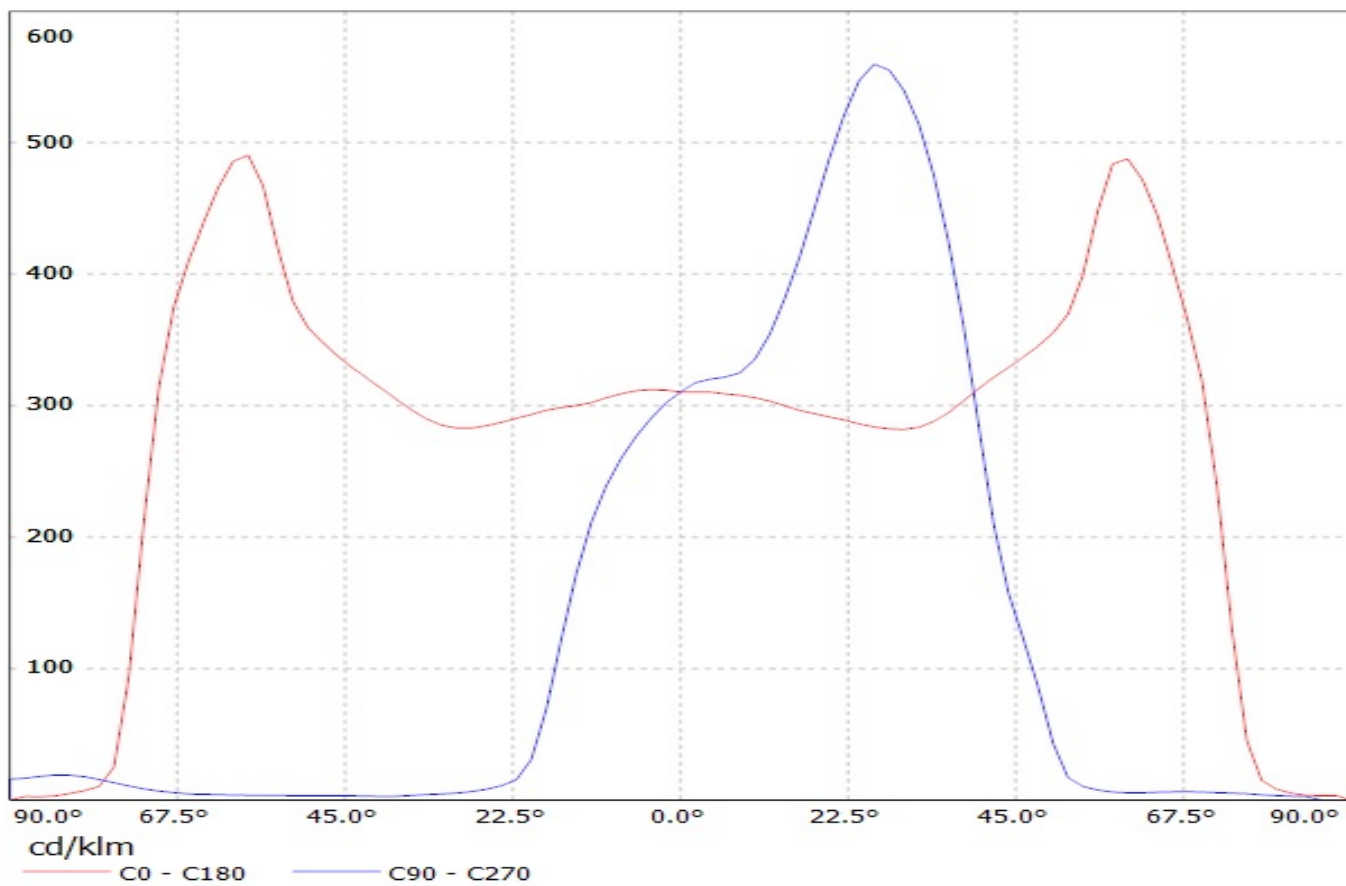
DESIGNED BY -  
DATE -

SCALE 2:1 WEIGHT 4,97 g SHEET 1/1

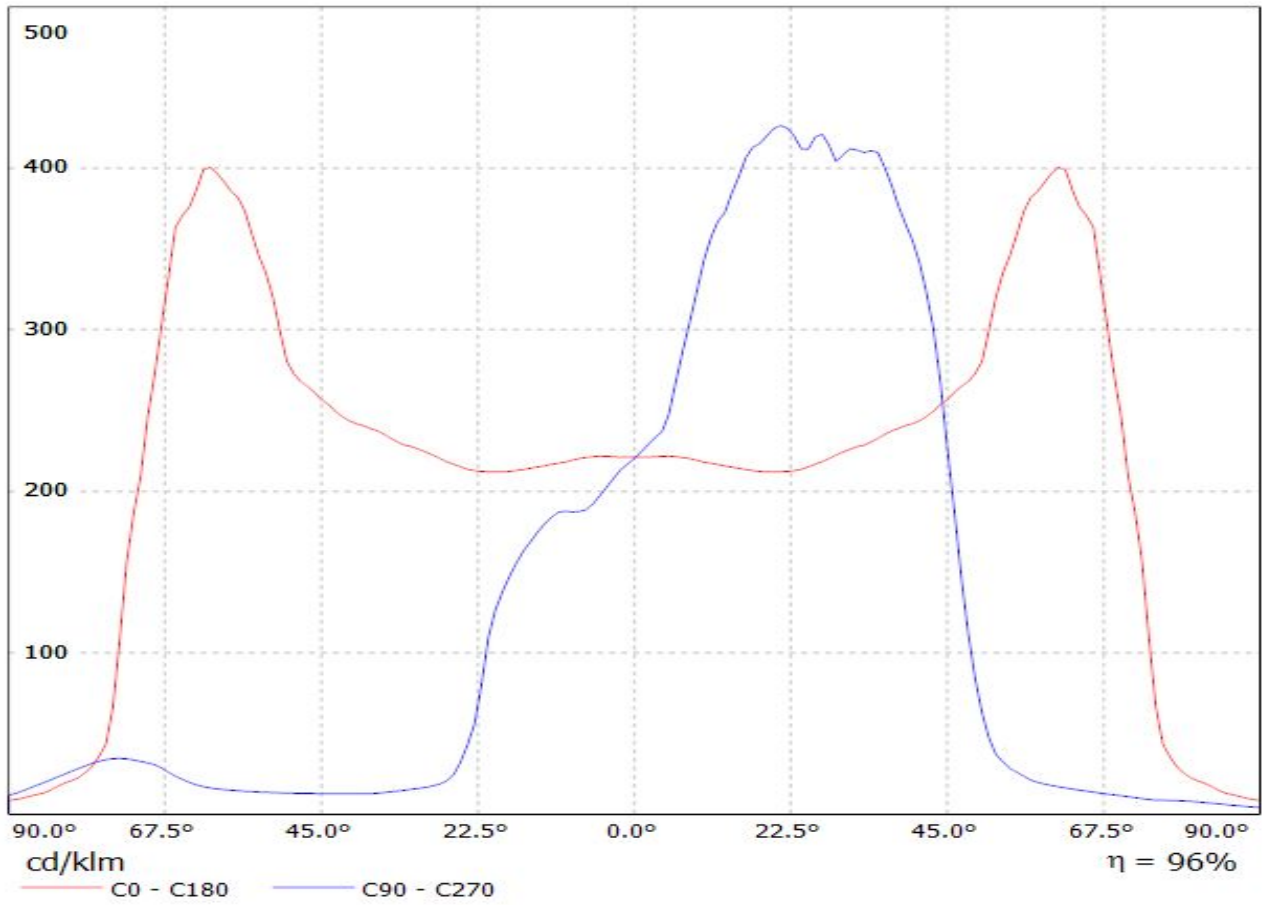
Luminaire: Ledil oy C12410\_STRADA-SQ-A-T-XM-L LOR=88%  
Lamps: 1 x Cree XM-L 250mA 95lm



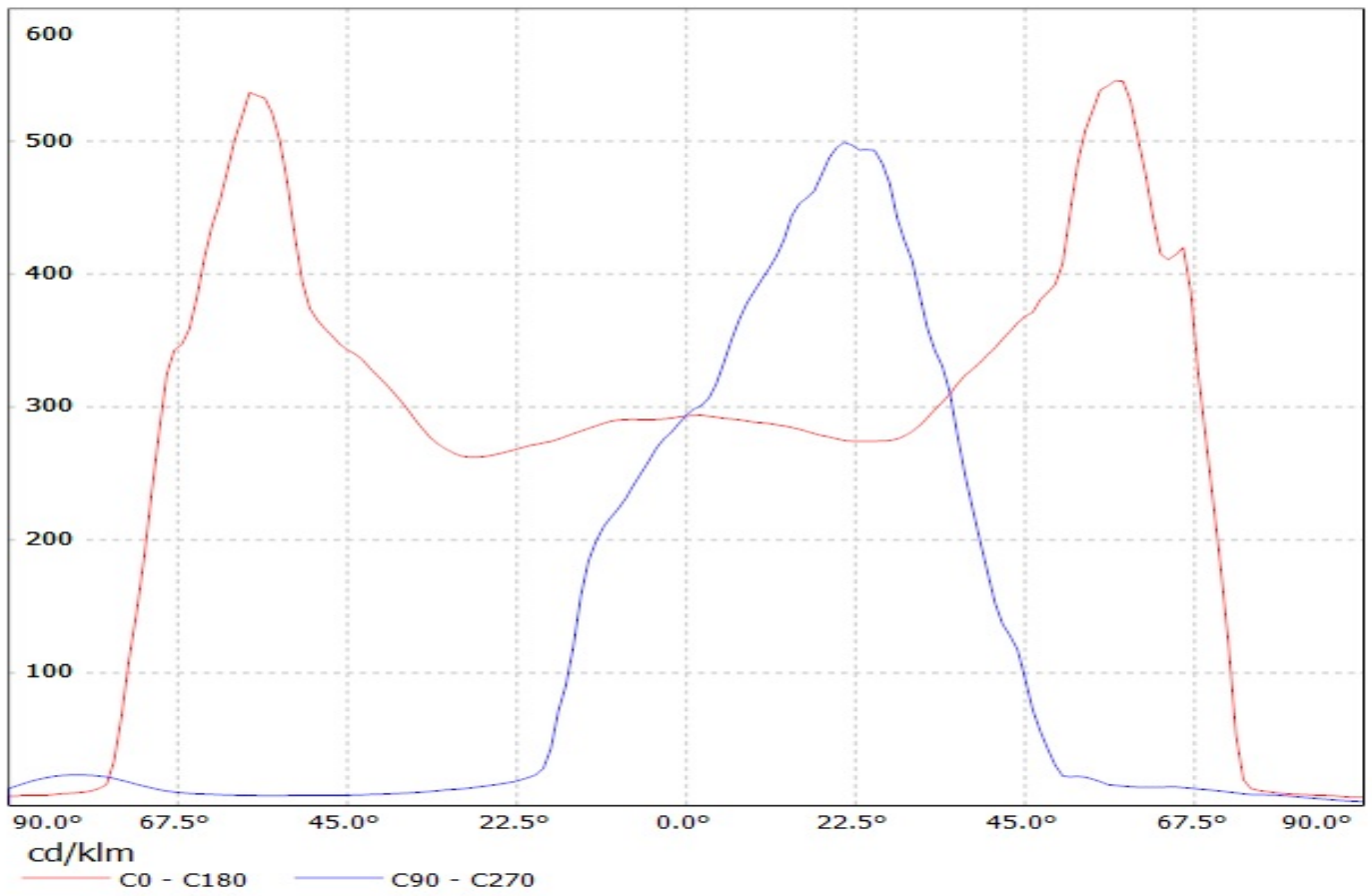
Luminaire: LEDil Oy CA12411\_STRADA-SQ-A-T\_(XM-L2) Efficiency=94%  
Lamps: 1 x Cree XM-L2 (XMLBWT-0-7B4-T30-0L-0001) 91lm @ 250mA CCT=3200K P=2.8W I=250mA



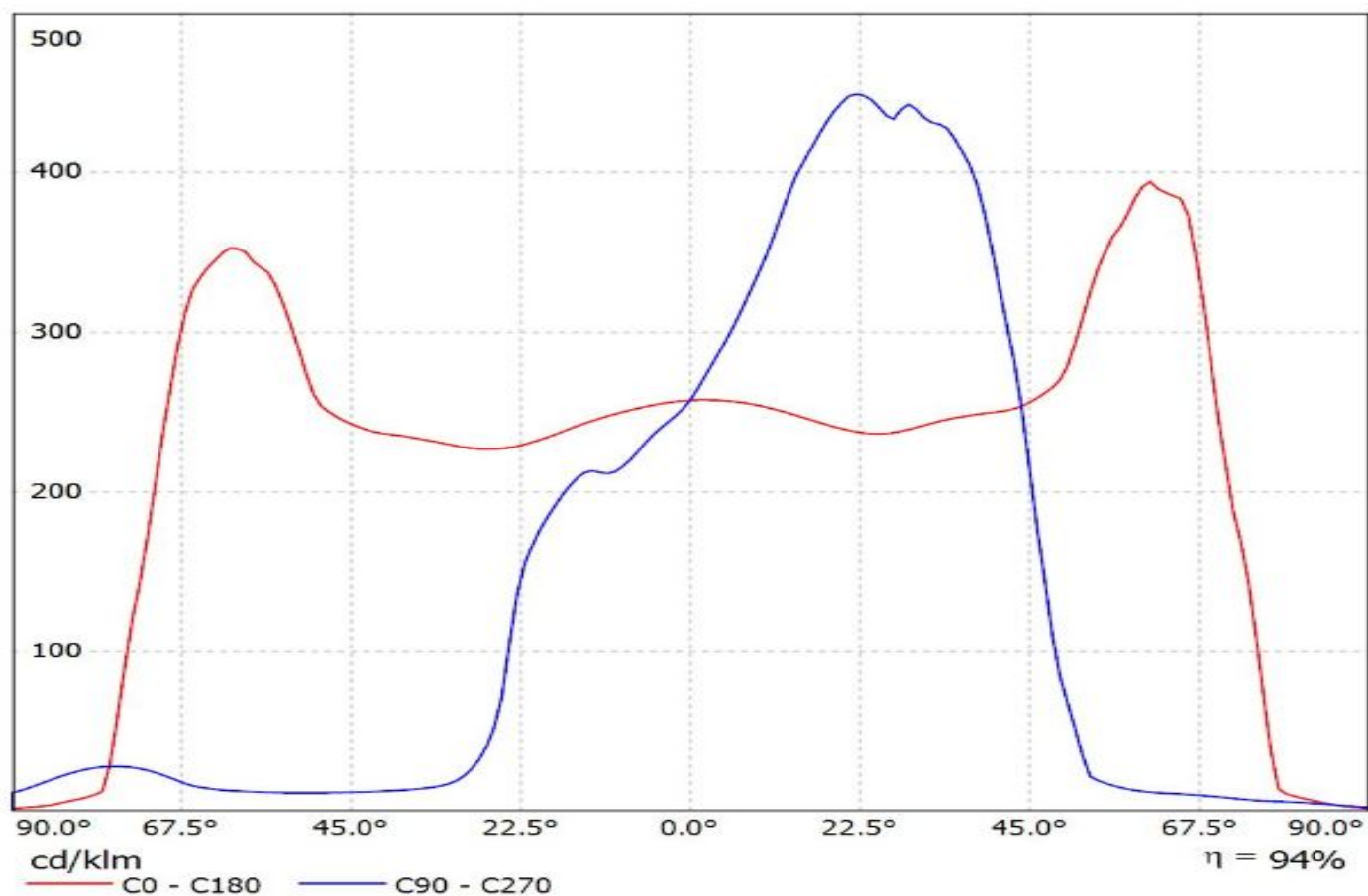
Luminaire: LEDiL Oy CA12411\_STRADA-SQ-A-T\_(Cree\_XHP50\_cool\_white)  
Lamps: 1 x Cree\_XHP50\_cool\_white\_243.798lm@250mA\_P=1.42945W\_I=0.2499A



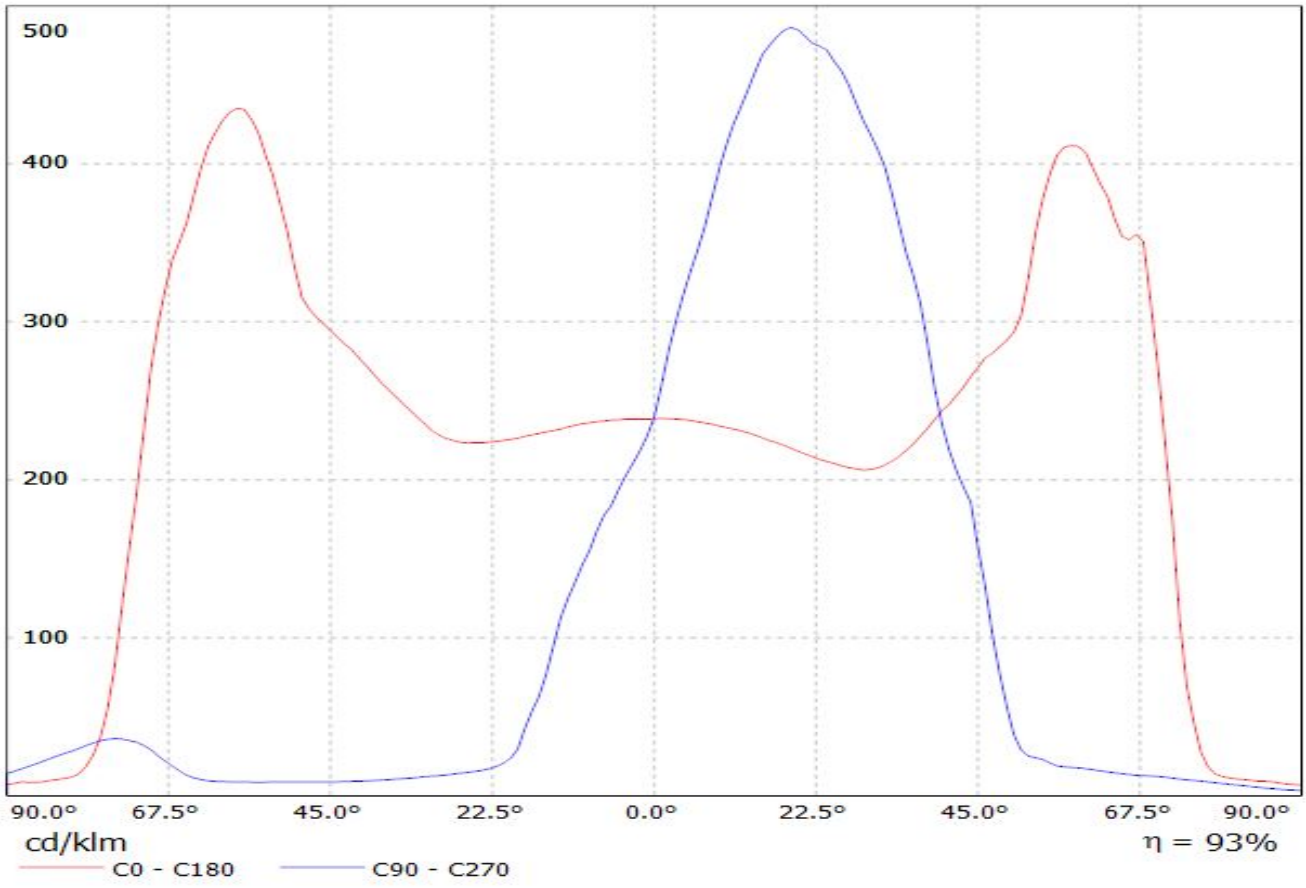
Luminaire: LEDiL Oy CA12411\_STRADA-SQ-A-T\_(Luxeon\_MZ) Eff: 93%  
Lamps: 1 x LUXEON-MZ\_263.325lm@250mA\_P=2.7414W\_I=249.9mA



Luminaire: Ledil CA12411\_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



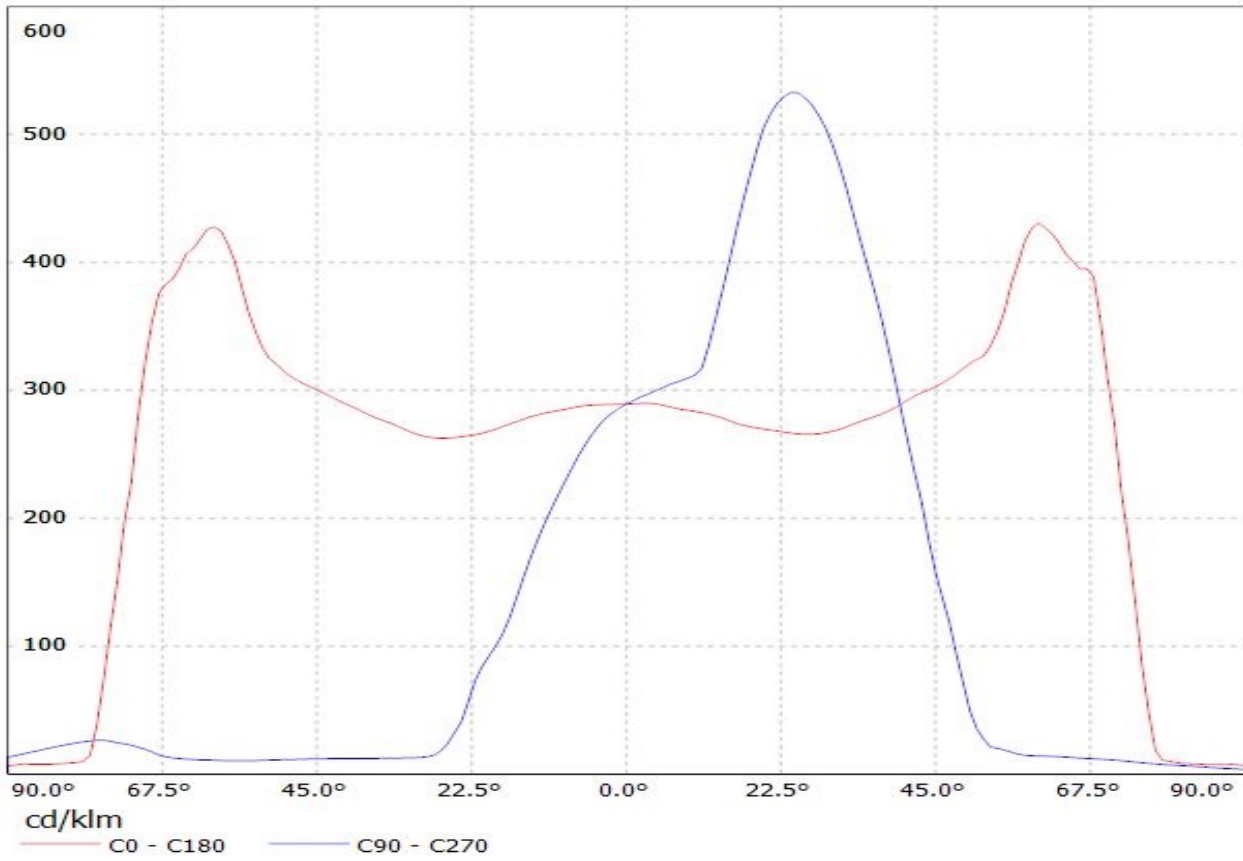
Luminaire: LEDiL Oy CA12411\_STRADA-SQ-A-T\_(NS9x383) Eff. 93,1%  
Lamps: 1 x Nichia NS9x383 (105lm@250mA)



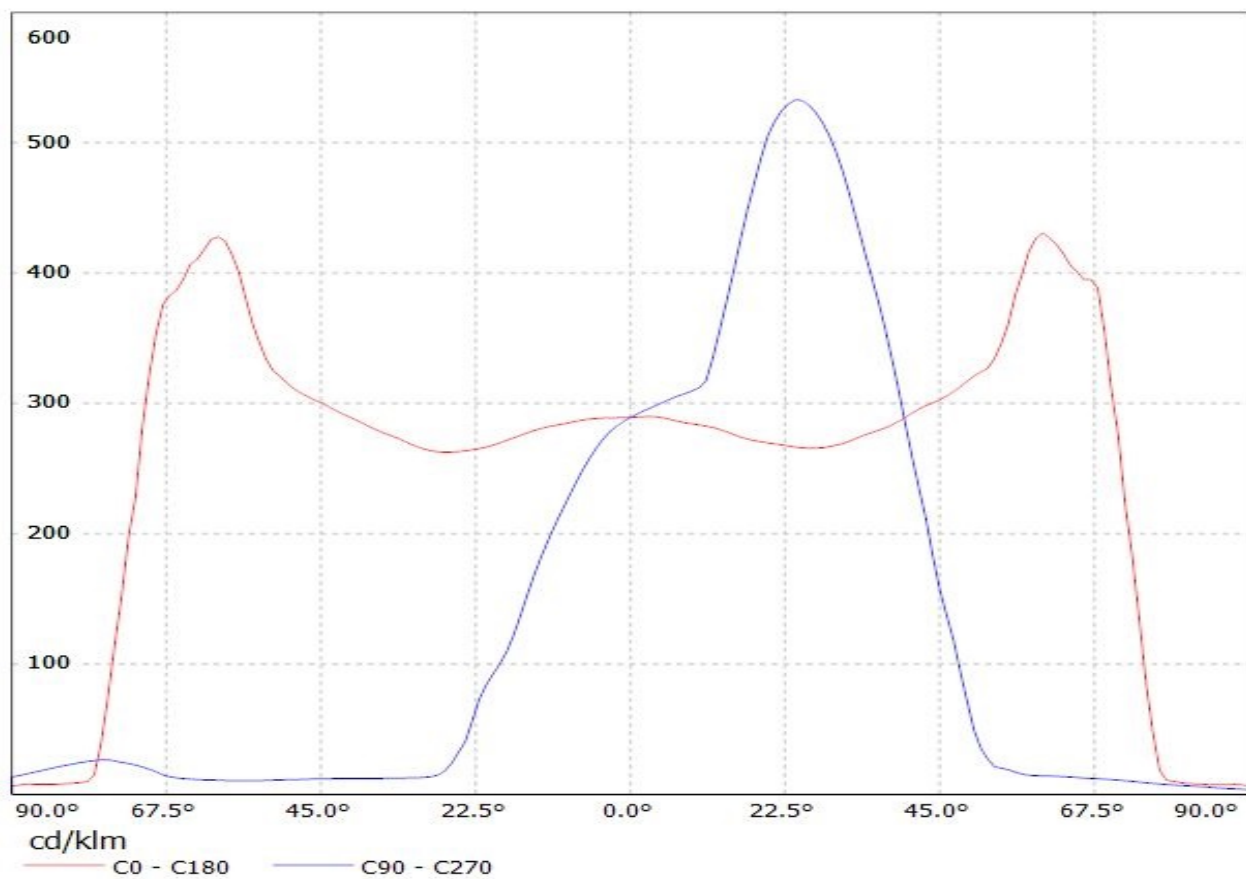


Luminaire: LEDiL Oy CA12411\_STRADA-SQ-A-T\_(OLP-5065F6L-06A)

Lamps: 1 x OPTOGAN\_(OLP-5065F6L-06A-80-D05O0) 106.528lm@250mA CCT=5000K P=0.777664W I=249.9mA

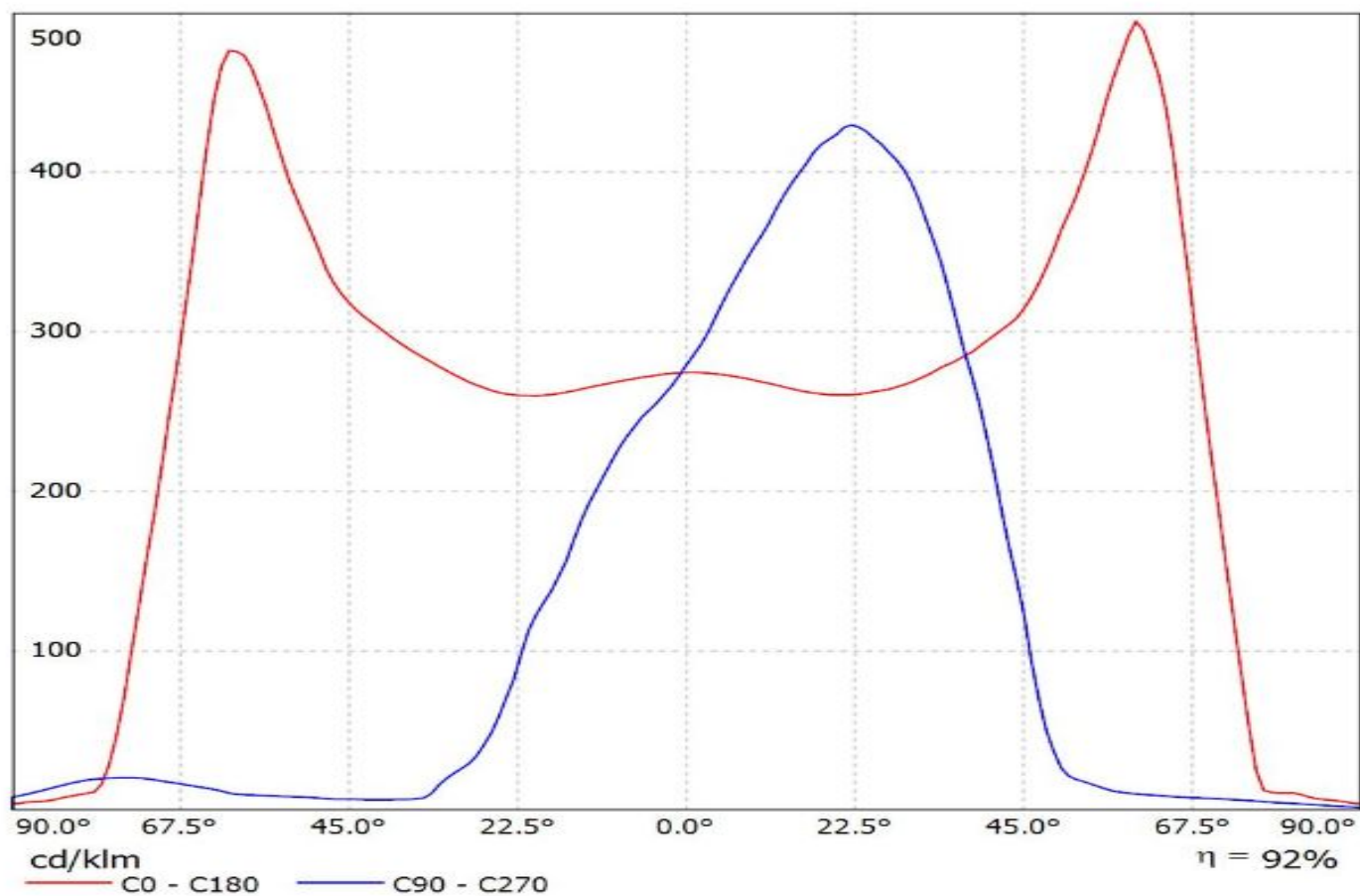


Luminaire: LEDiL Oy CA13119\_STRADA-SQ-A-T\_(OLP-5065F6L-06A) Eff.93%  
Lamps: 1 x OPTOGAN\_(OLP-5065F6L-06A-80-D0500) 106.528lm@250mA CCT=5000K P=0.777664W I=249.9mA

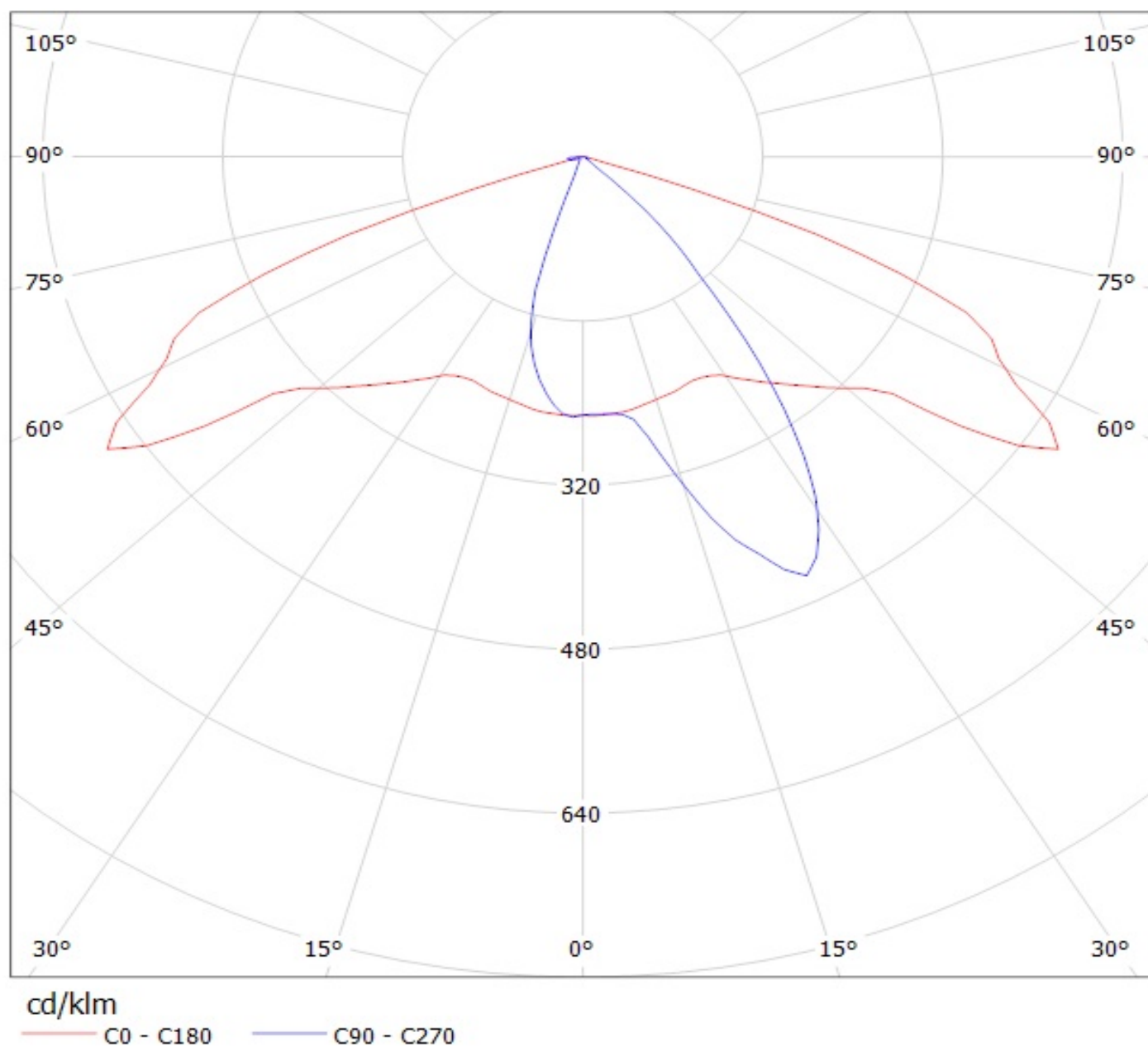


Luminaire: Ledil CA12411\_STRADA-SQ-A-T\_(Duris\_S10)

Lamps: 1 x Osram\_Duris\_S10\_(GW-P7LP32.EM)\_992.375lm@250mA\_P=9.2362W\_I=0.25A

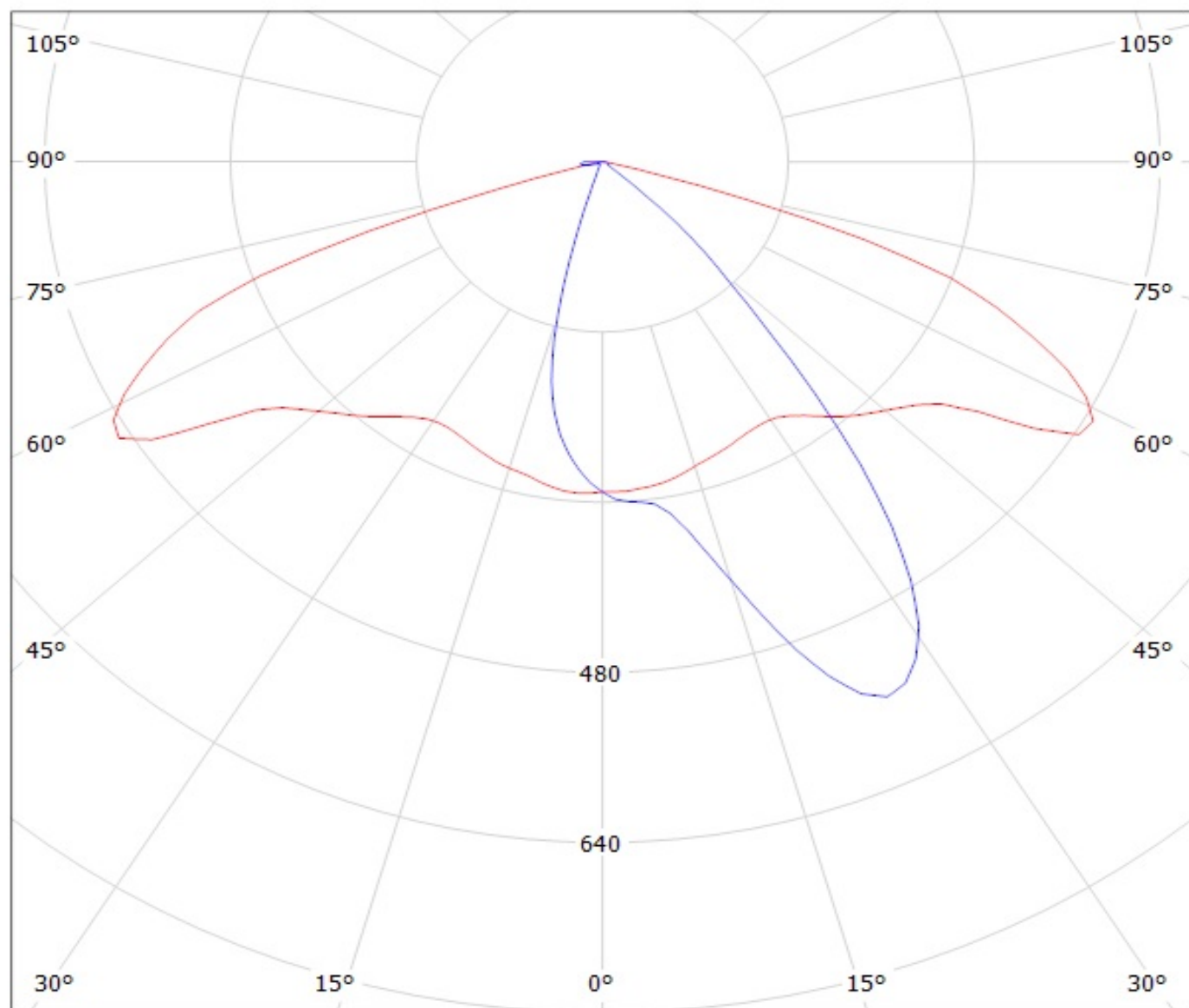


Luminaire: Ledil oy C12411\_STRADA-SQ-A-T-XM-L LOR=88%  
Lamps: 1 x Cree XM-L 250mA 95lm



Luminaire: LEDil Oy CA12411\_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

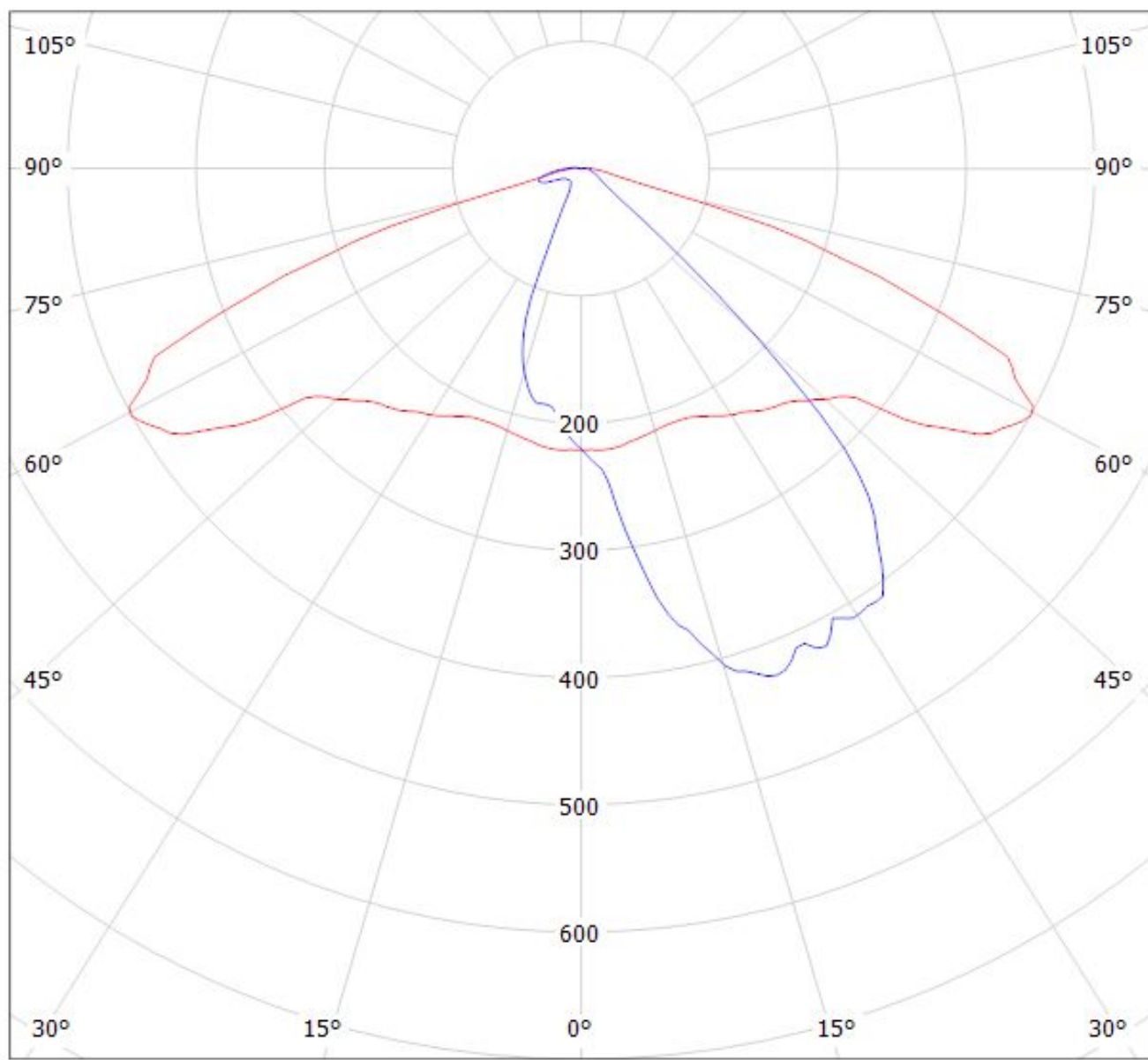


cd/klm

— C0 - C180

— C90 - C270

Luminaire: LEDiL Oy CA12411\_STRADA-SQ-A-T\_(Cree\_XHP50\_cool\_white)  
Lamps: 1 x Cree\_XHP50\_cool\_white\_243.798lm@250mA\_P=1.42945W\_I=0.2499A

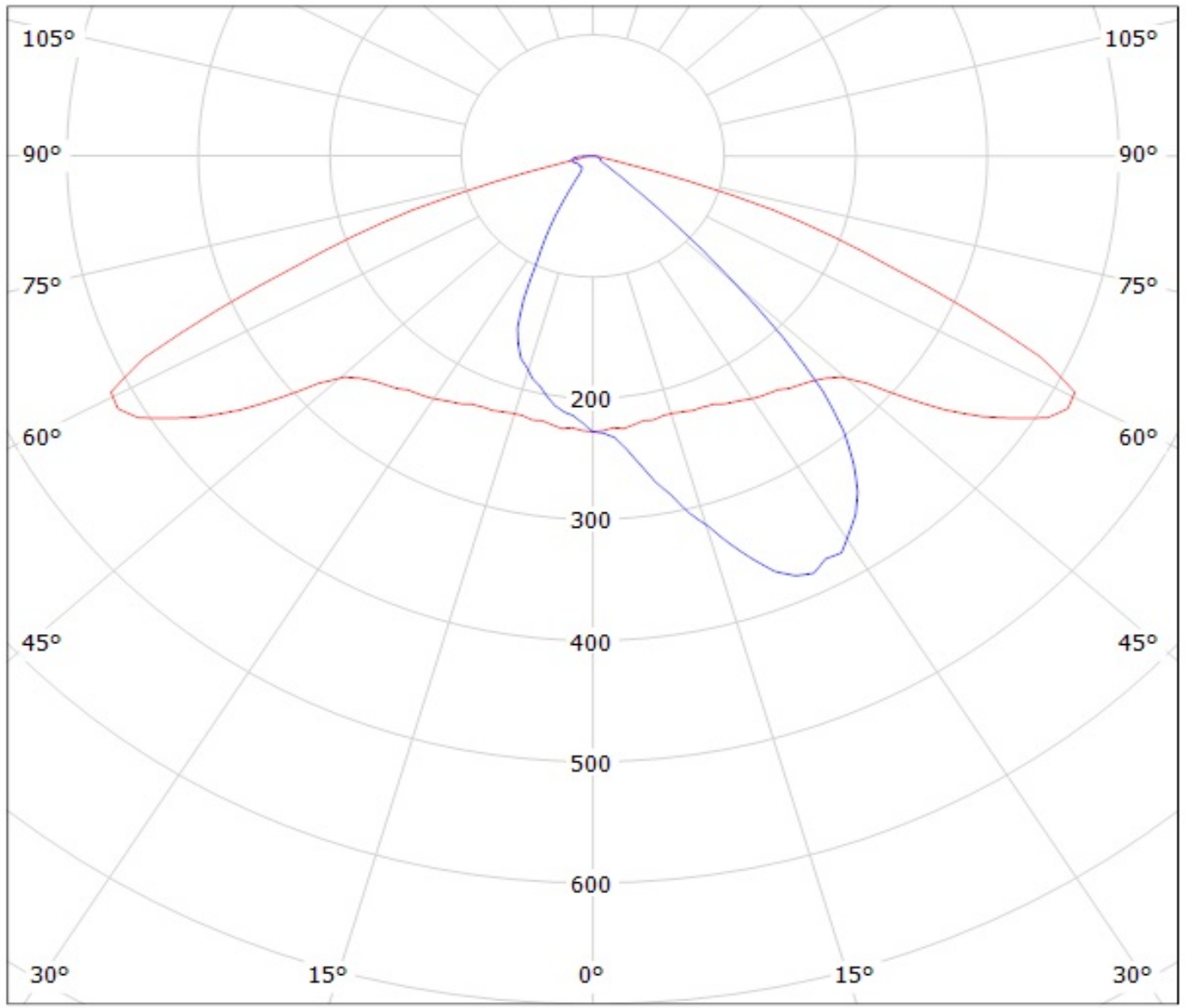


cd/klm

— C0 - C180    — C90 - C270

$\eta = 96\%$

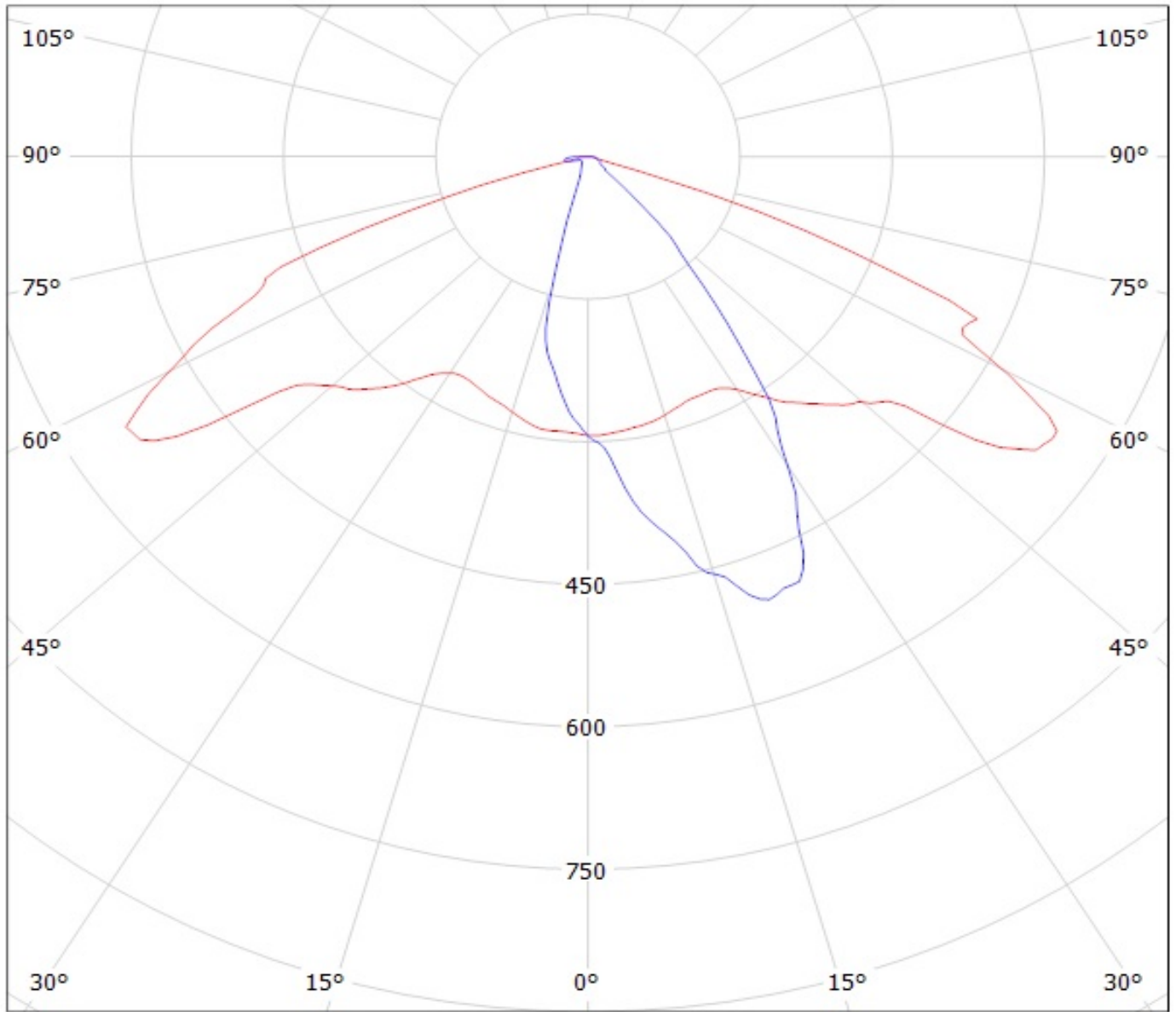
Luminaire: Ledil Oy C12411\_STRADA-SQ-A-T (Luxeon M) Efficiency=93%  
Lamps: 1 x Luxeon M 362lm @ 250mA



cd/klm

— C0 - C180 — C90 - C270

Luminaire: LEDiL Oy CA12411\_STRADA-SQ-A-T\_(Luxeon\_MZ) Eff: 93%  
Lamps: 1 x LUXEON-MZ\_263.325lm@250mA\_P=2.7414W\_I=249.9mA



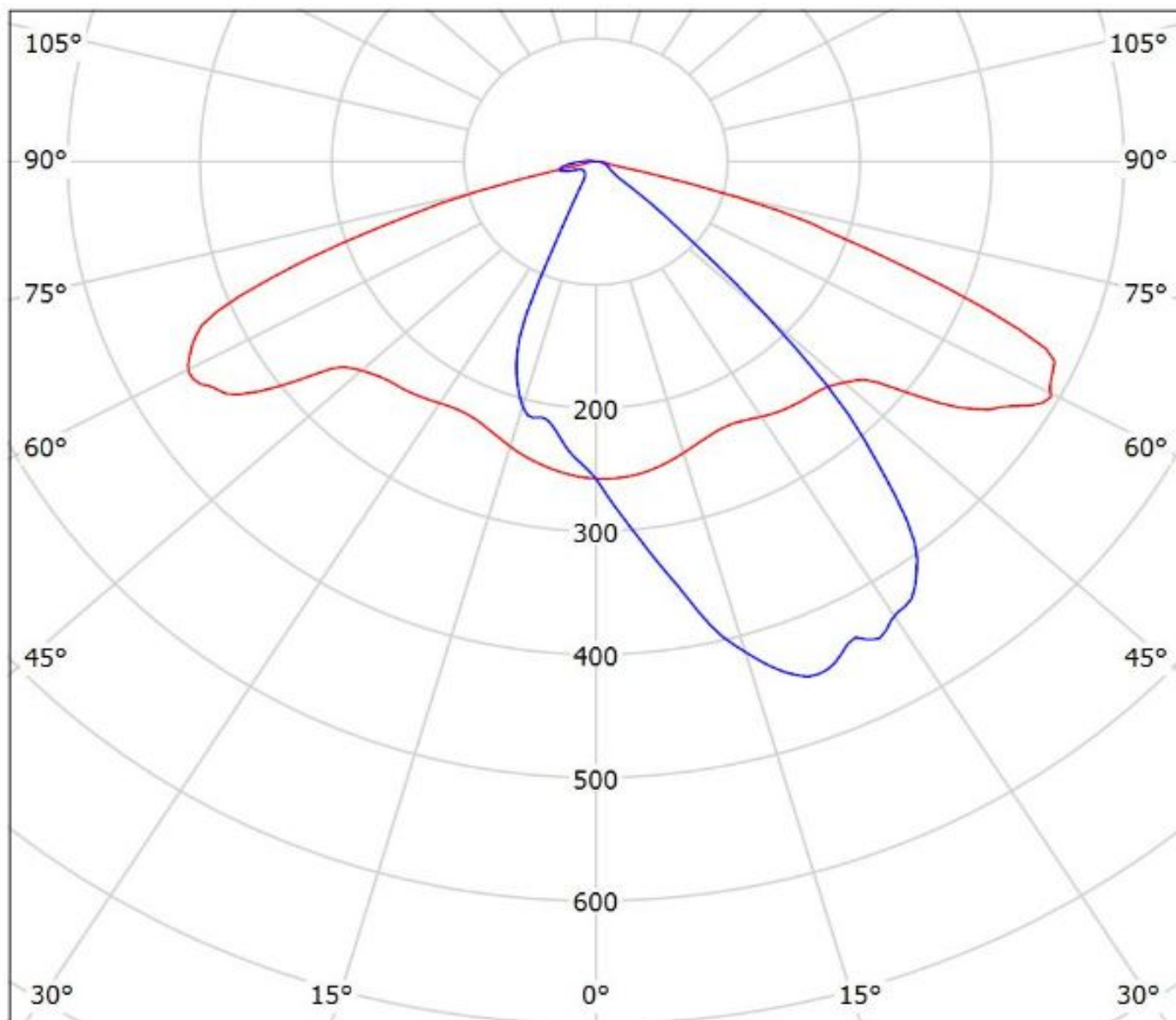
cd/klm

— C0 - C180    — C90 - C270



Luminaire: Ledil CA12411\_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

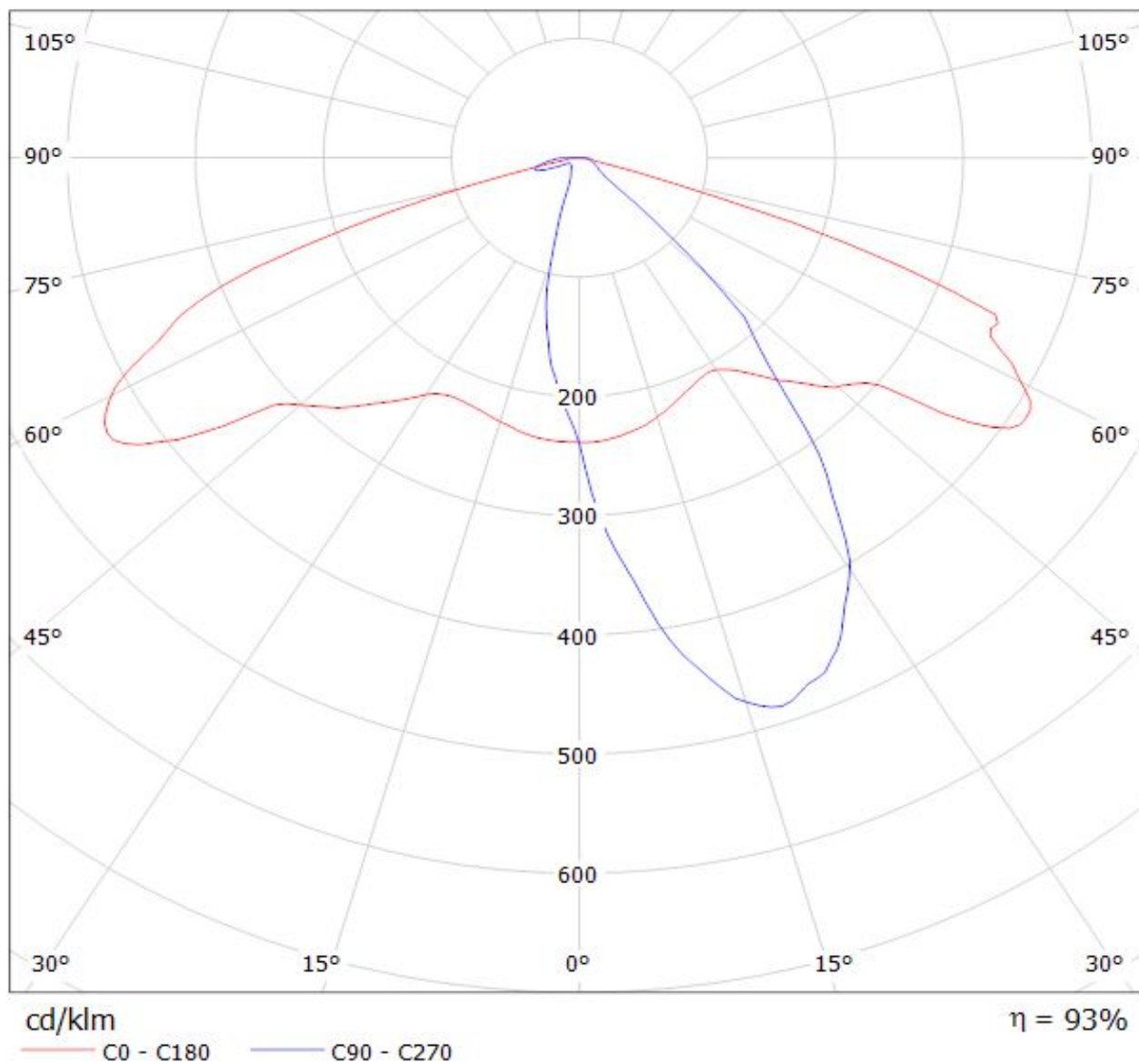


cd/klm

— C0 - C180 — C90 - C270

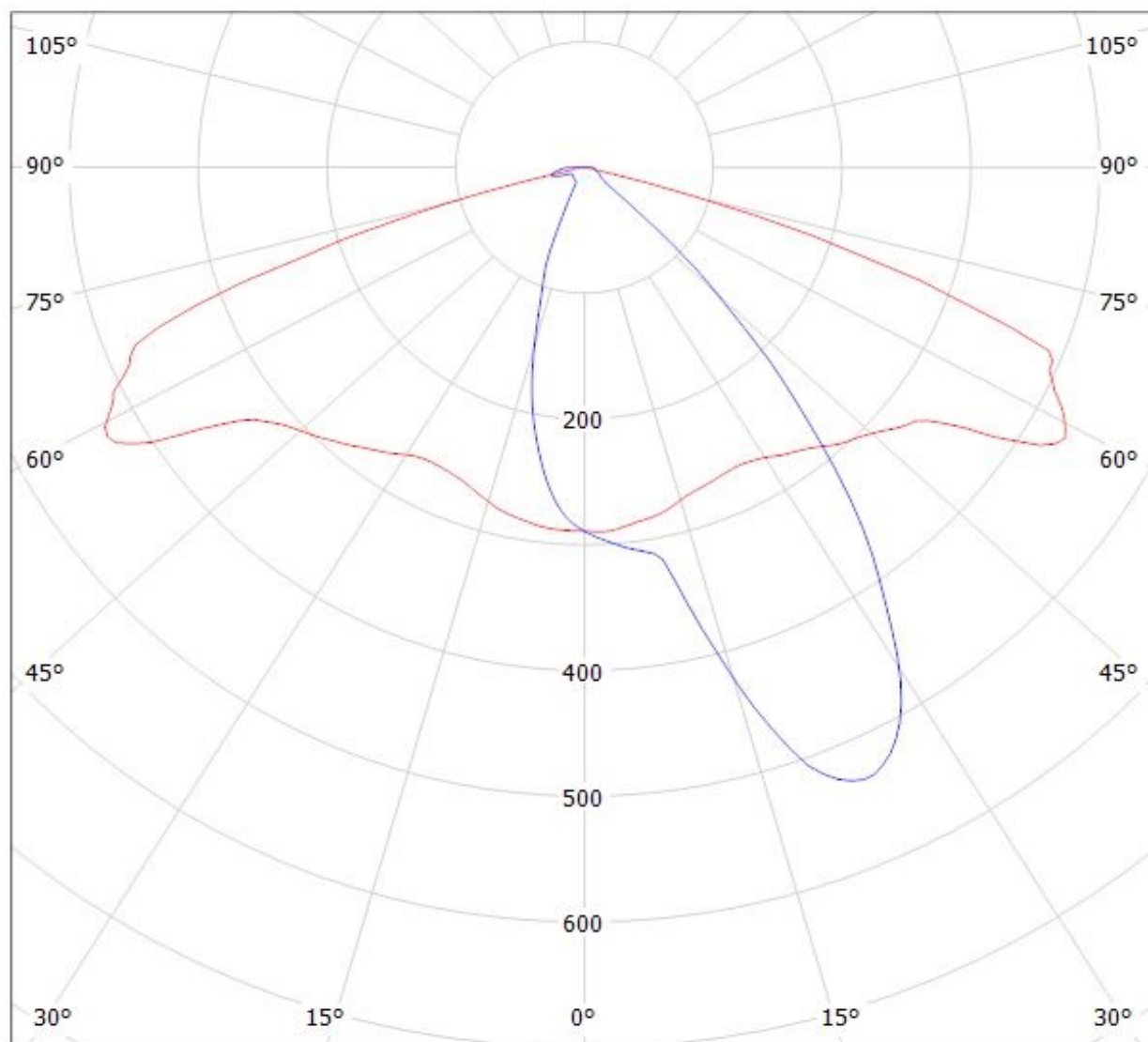
$\eta = 94\%$

Luminaire: LEDiL Oy CA12411\_STRADA-SQ-A-T\_(NS9x383) Eff. 93,1%  
Lamps: 1 x Nichia NS9x383 (105lm@250mA)



Luminaire: LEDiL Oy CA12411\_STRADA-SQ-A-T\_(OLP-5065F6L-06A)

Lamps: 1 x OPTOGAN\_(OLP-5065F6L-06A-80-D05O0) 106.528lm@250mA CCT=5000K P=0.777664W I=249.9mA



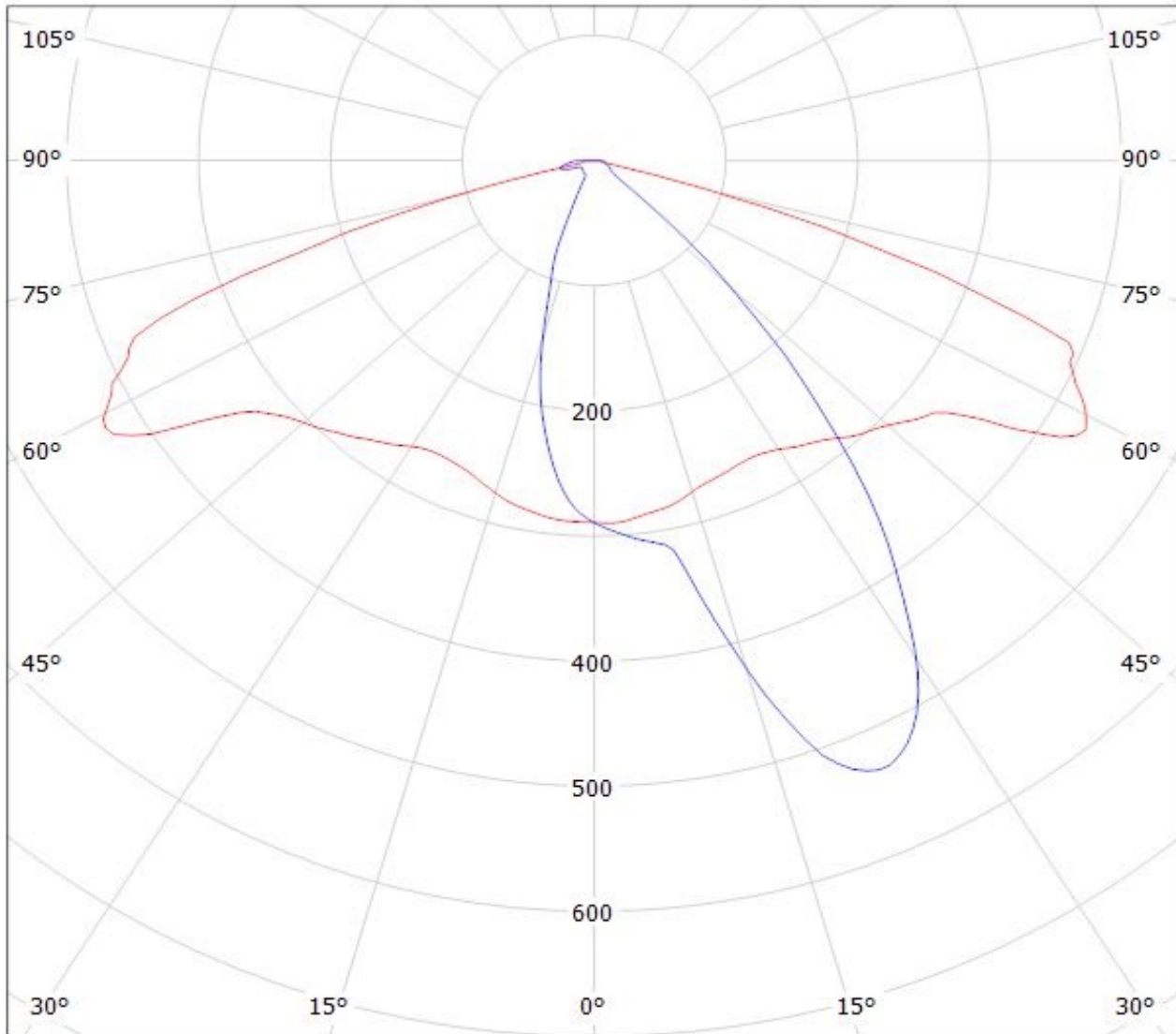
cd/klm

— C0 - C180

— C90 - C270

Luminaire: LEDiL Oy CA13119\_STRADA-SQ-A-T\_(OLP-5065F6L-06A) Eff.93%

Lamps: 1 x OPTOGAN\_(OLP-5065F6L-06A-80-D0500) 106.528lm@250mA CCT=5000K P=0.777664W I=249.9mA



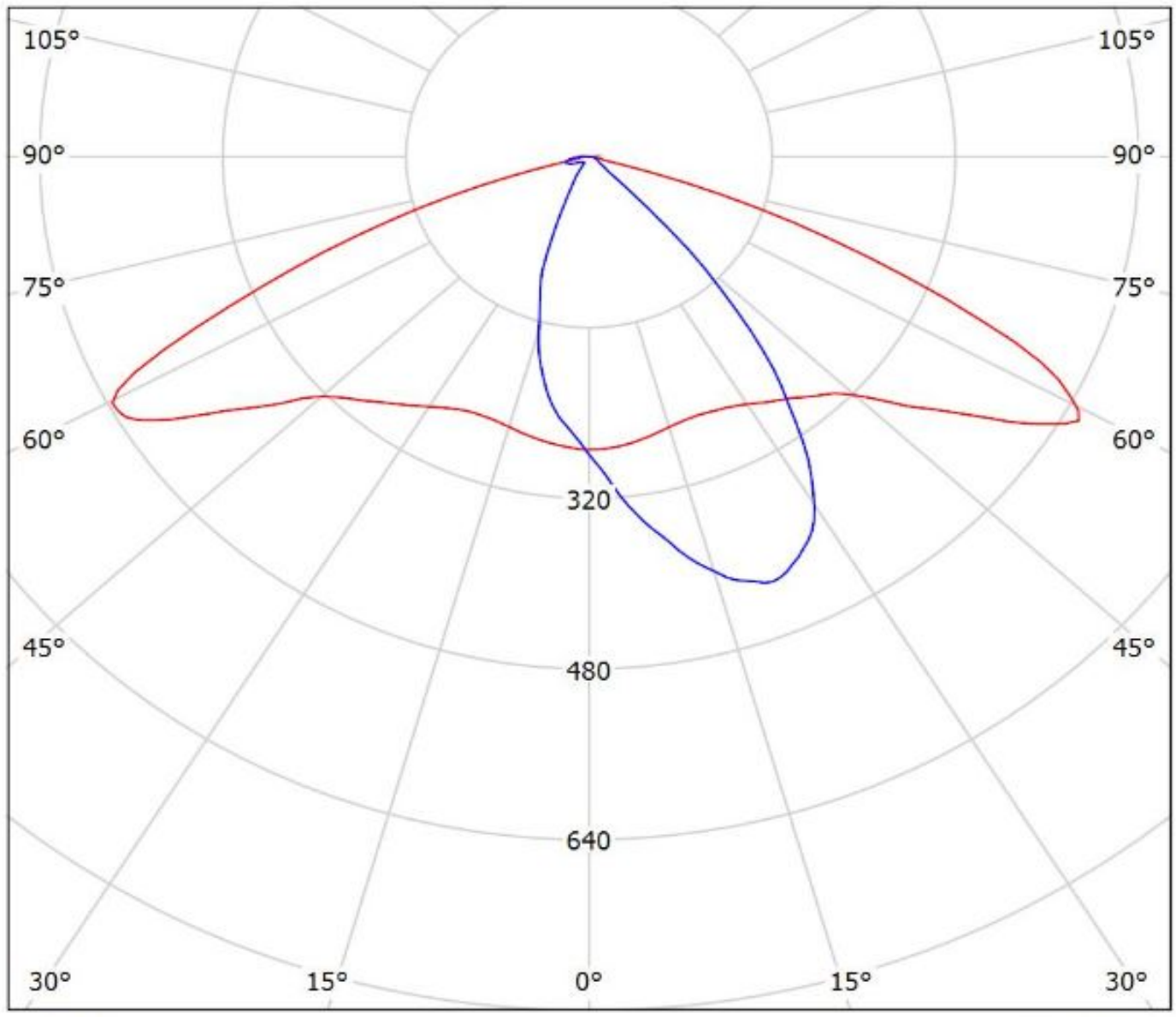
cd/klm

— C0 - C180

— C90 - C270

Luminaire: Ledil CA12411\_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

$\eta = 92\%$

**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.**