

## DETAILS

<b>Product Number</b>	CA14219_STRADA-SQ-CY
<b>Family</b>	Strada
<b>Type</b>	Assembly
<b>Color</b>	clear
<b>Diameter</b>	25x25 mm
<b>Height</b>	10,1 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>	4/04/2017



## OPTICAL PROPERTIES

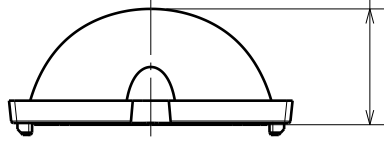
LED	Viewing Angle	Light Beam	Efficiency	cd/lm	Connector
PSL440	119+113 deg	Streetligh...	94 %	0.440	-
PSL445	112+112 deg	Streetligh...	94 %	0.370	-
XM-L	122+116 deg	Streetligh...	94 %	0.440	-
MK-R	118+115 deg	Streetligh...	94 %	0.370	-
XP-L	118+127 deg	Streetligh...	94 %	0.400	-
XHP50	122+118 deg	Streetligh...	94 %	0.410	-
XHP70	121+119 deg	Streetligh...	94 %	0.350	-
MHD-E/G	117+115 deg	Streetligh...	94 %	0.370	-
XP-L2	118+115 deg	Streetligh...	90 %	0.400	-
LUXEON M/MX	120+115 deg	Streetligh...	94 %	0.410	-
LUXEON MZ	127+118 deg	Streetligh...	94 %	0.340	-
LUXEON XR-M linear 1x3, 1x4, 1x5	118+115 deg	Streetligh...	94 %	0.430	-
Duris S10	116+113 deg	Streetligh...	93 %	0.400	-
Duris P10	sim: 115	Streetligh...	sim: 92 %	sim: 0.460	-

D

C

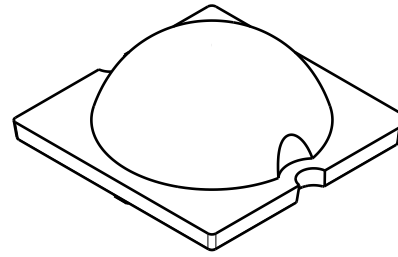
B

A

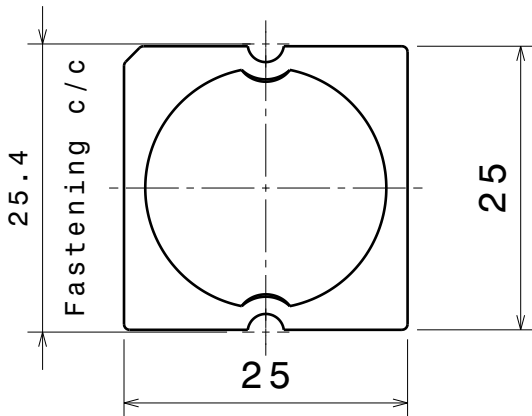


10.2

Front view



Isometric view



25.4

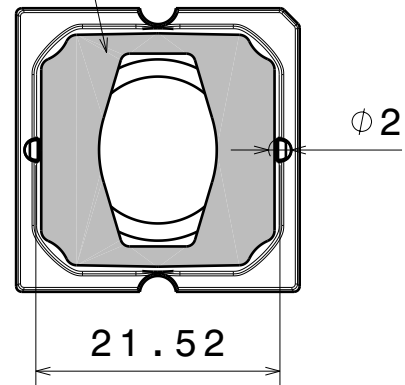
Fastening c/c

25

25

Top view

PU foam tape 0.4mm



21.52

 $\phi 2$ 

Bottom view

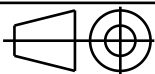
INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	C13866	STRADA-SQ-CY	PMMA	

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

THIRD ANGLE PROJECTION:



DRAWING TITLE

CA14219\_STRADA-SQ-CY

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of LEDiL Oy. It may not be  
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SIZE PART NUMBER

A4

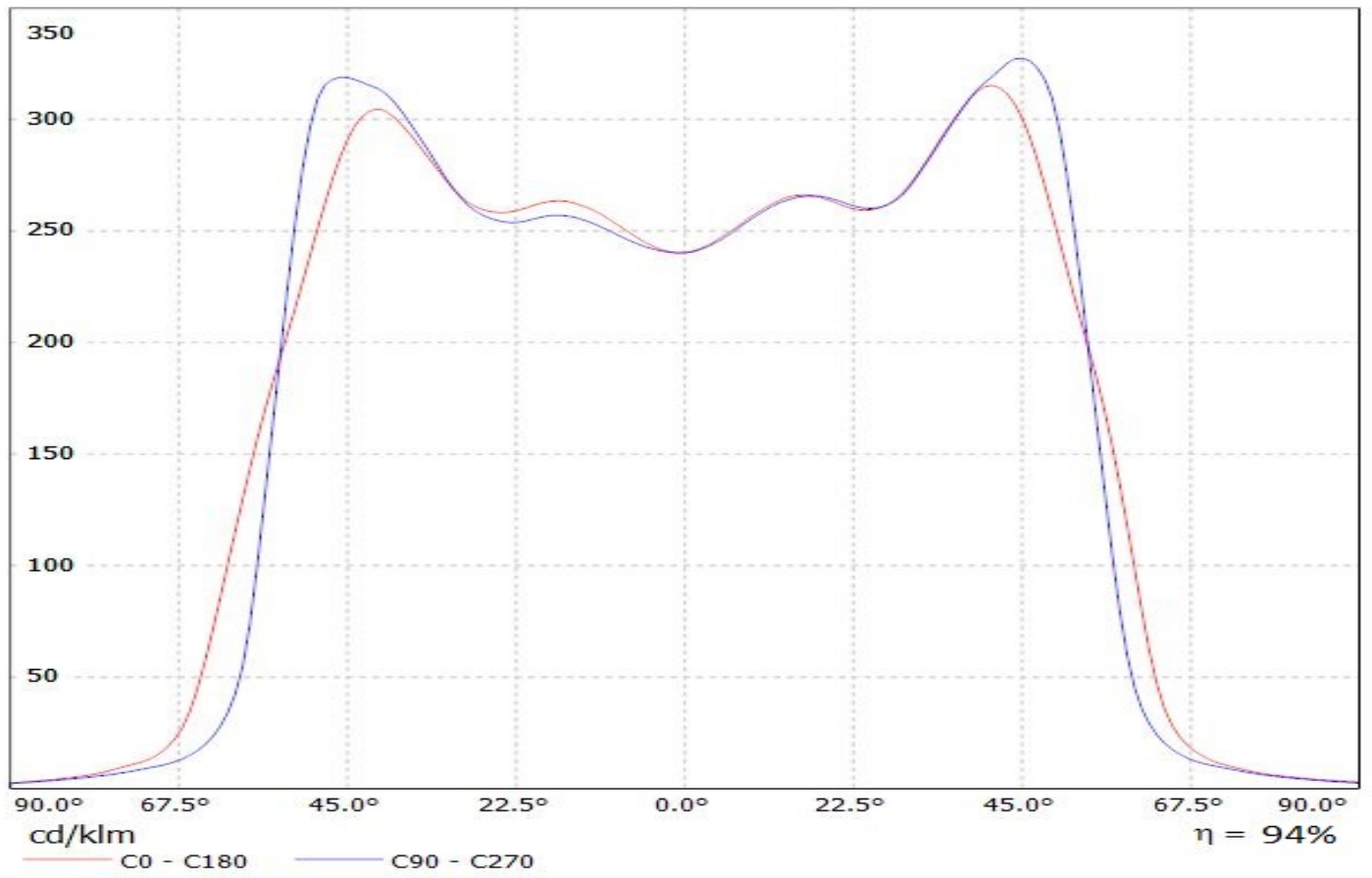
CA14219

SCALE	3:2	WEIGHT	3,1 g	SHEET	1/1
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D

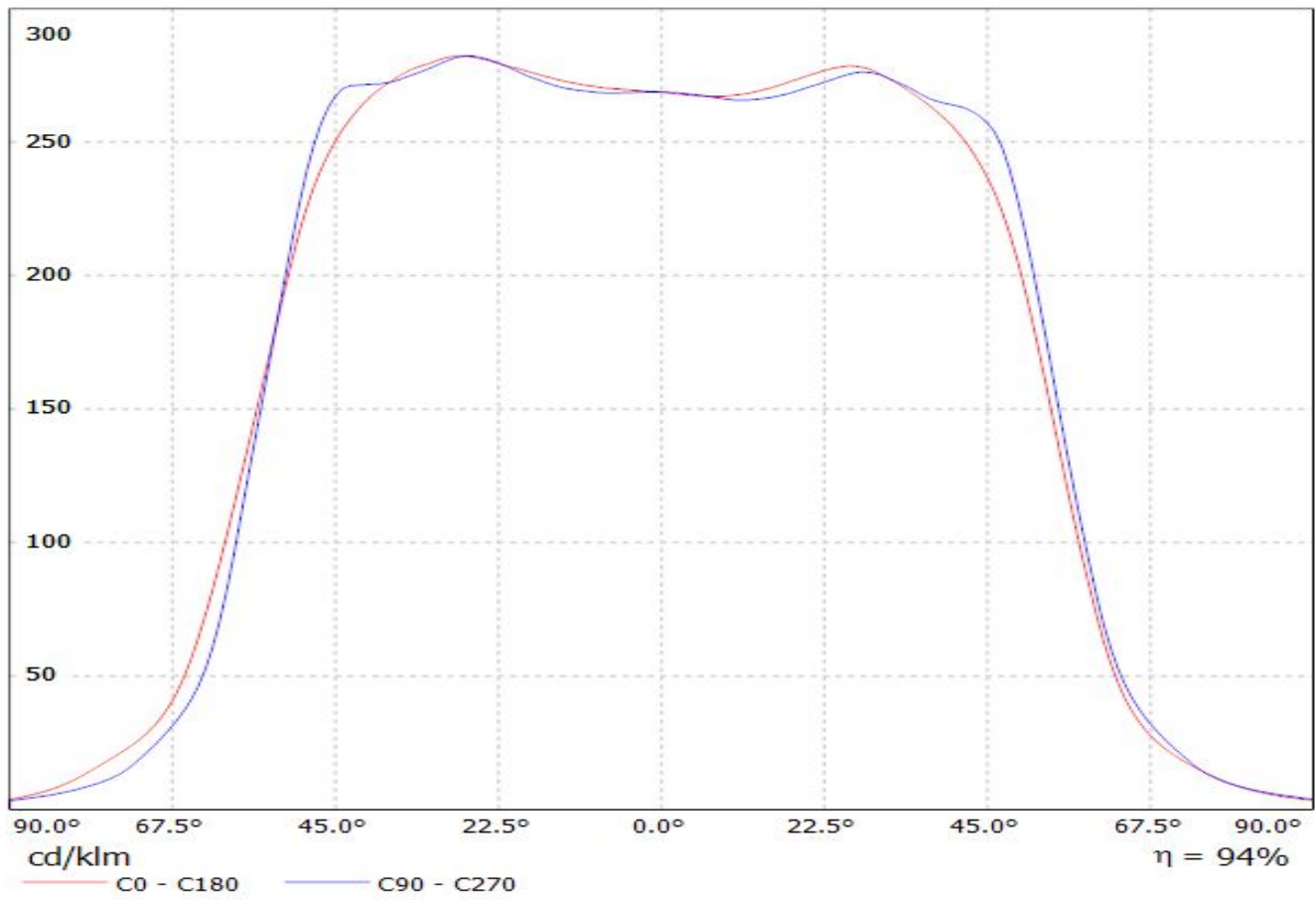
A

Luminaire: LEDiL Oy CA14219\_STRADA-SQ-CY\_(PSL440)  
Lamps: 1 x Citizen\_PSL440\_256.951lm@250mA\_P=2.8697W\_I=0.250A

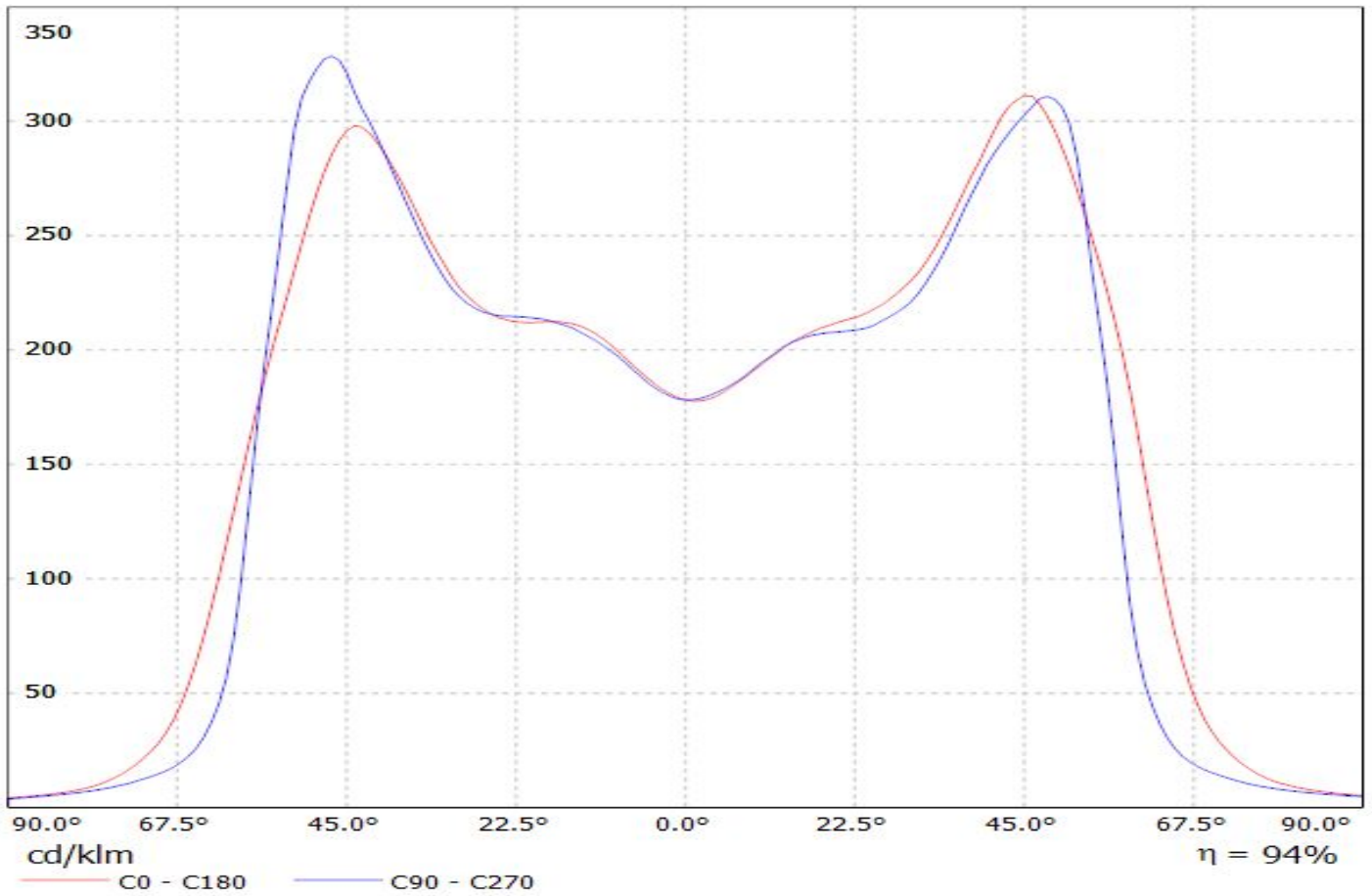


Luminaire: LEDiL Oy CA14219\_STRADA-SQ-CY\_(PSL445)

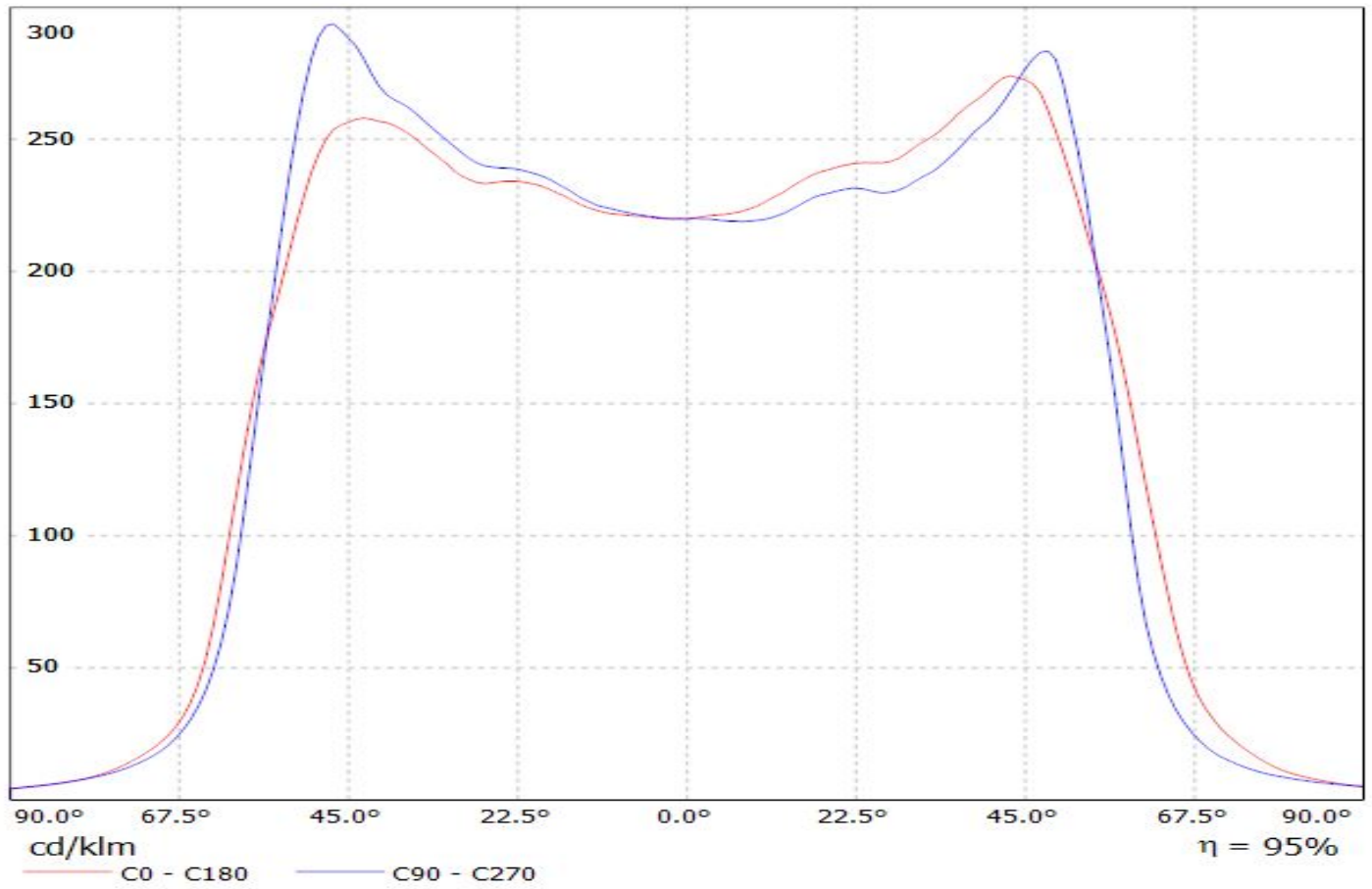
Lamps: 1 x Citizen\_PSL445\_424.116lm@250mA\_P=2.81625W\_I=0.250A\_CCT=2700K



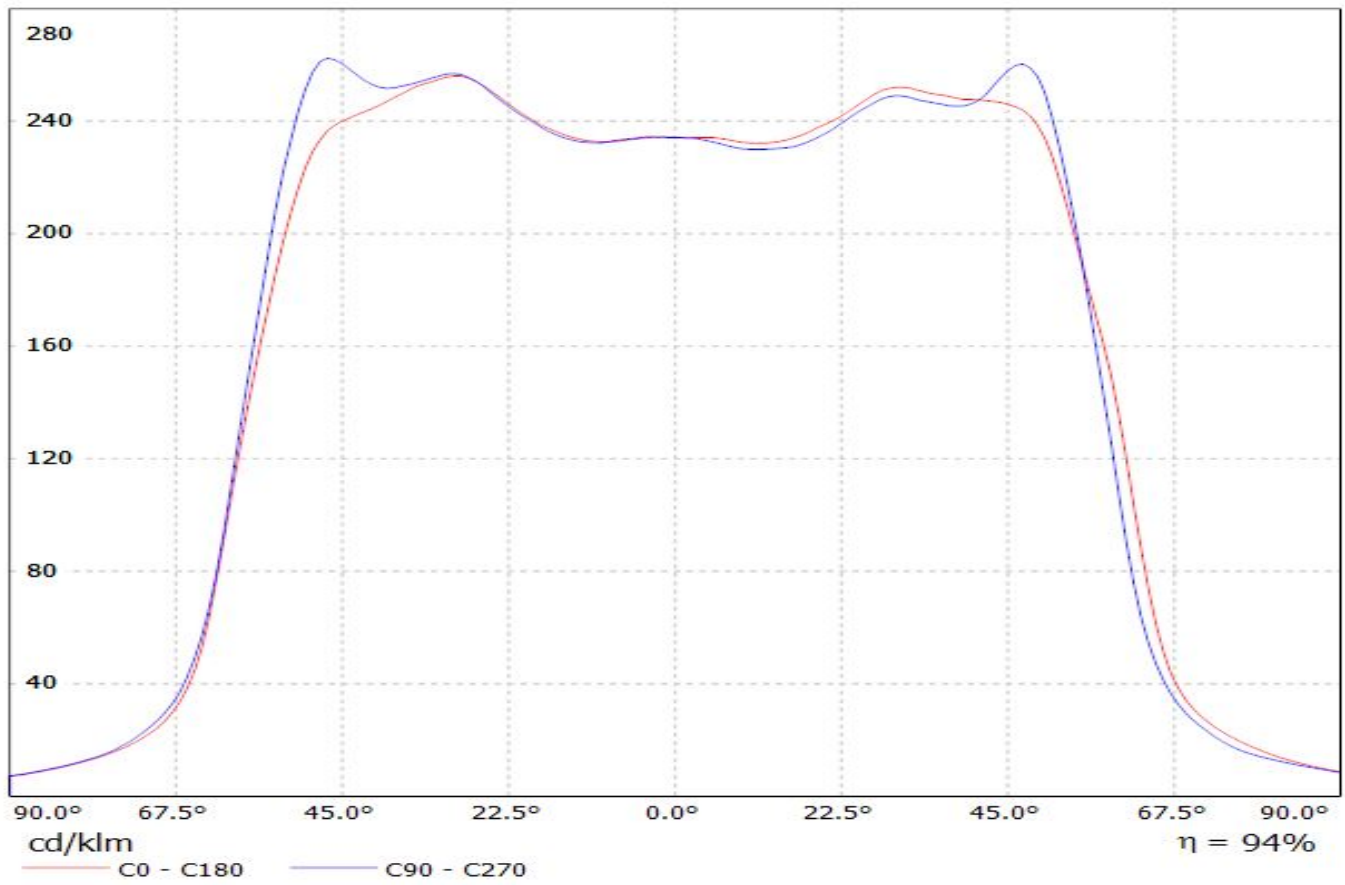
Luminaire: LEDiL Oy CA14219\_STRADA-SQ-CY\_(XP-L)  
Lamps: 1 x Cree\_XP-L\_127.18lm@250mA\_P=0.737584W\_I=249.9mA



Luminaire: LEDiL Oy CA14219\_STRADA-SQ-CY\_(XHP50 Cool white)  
Lamps: 1 x XHP50 Cool white\_244.744lm@250mA\_P=1.42773W\_I=0.2499A

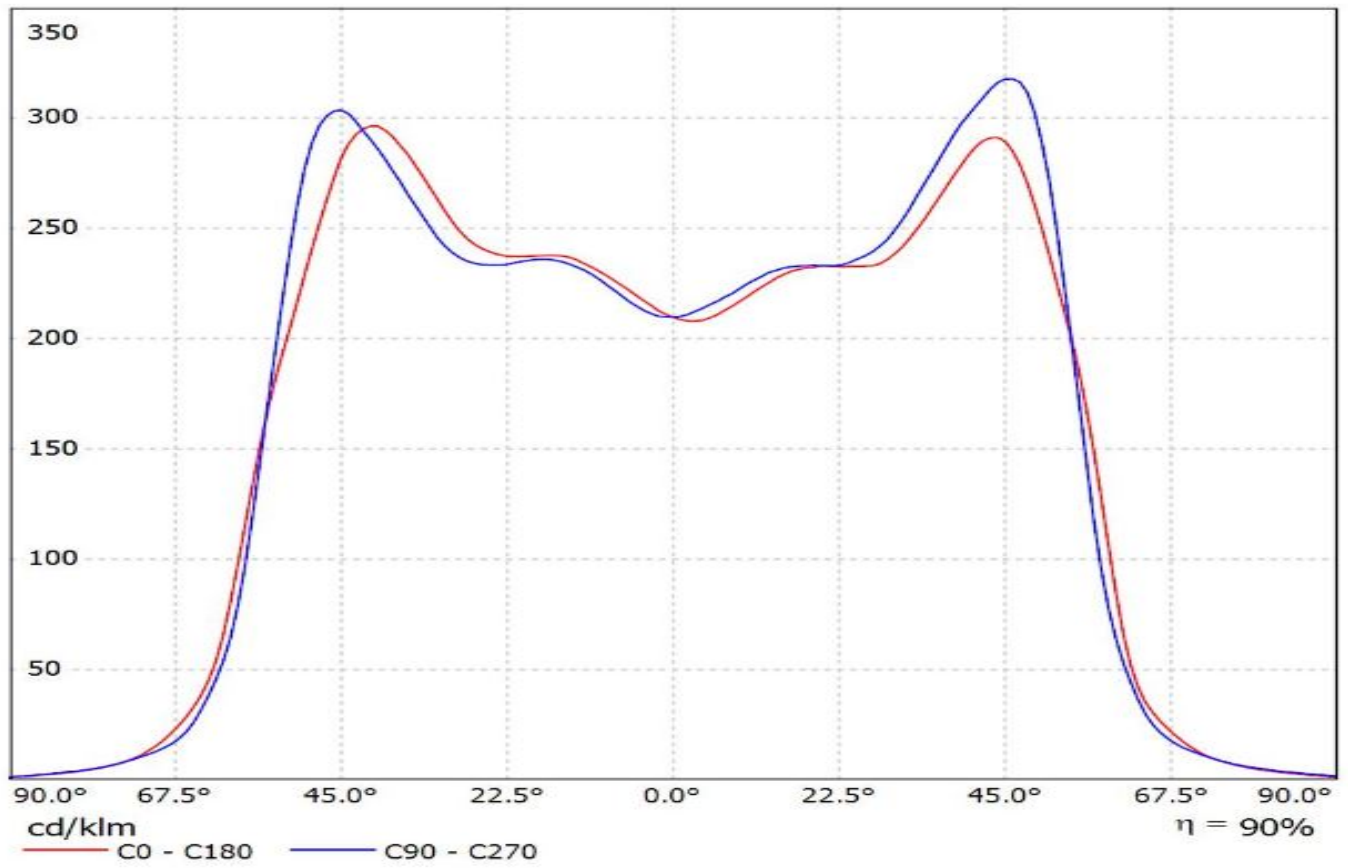


Luminaire: EVERFINE CA14219\_STRADA-SQ-CY\_(CREE\_XHP70)  
Lamps: 1 x CREE\_XHP70\_288.639lm@250mA\_P=2.69892W\_I=0.2499A



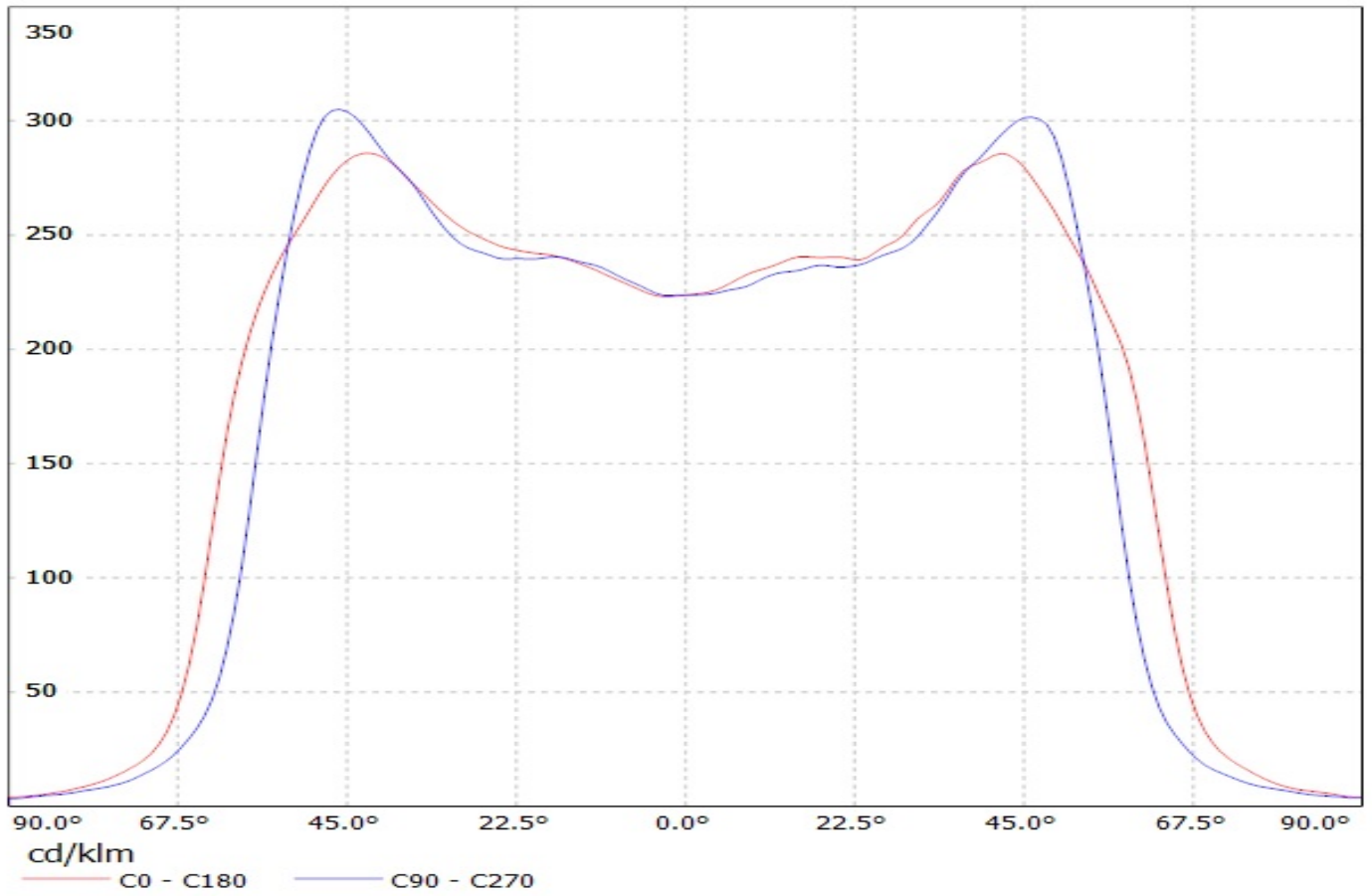
Luminaire: Ledil CA14219\_STRADA-SQ-CY\_(XP-L2)

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

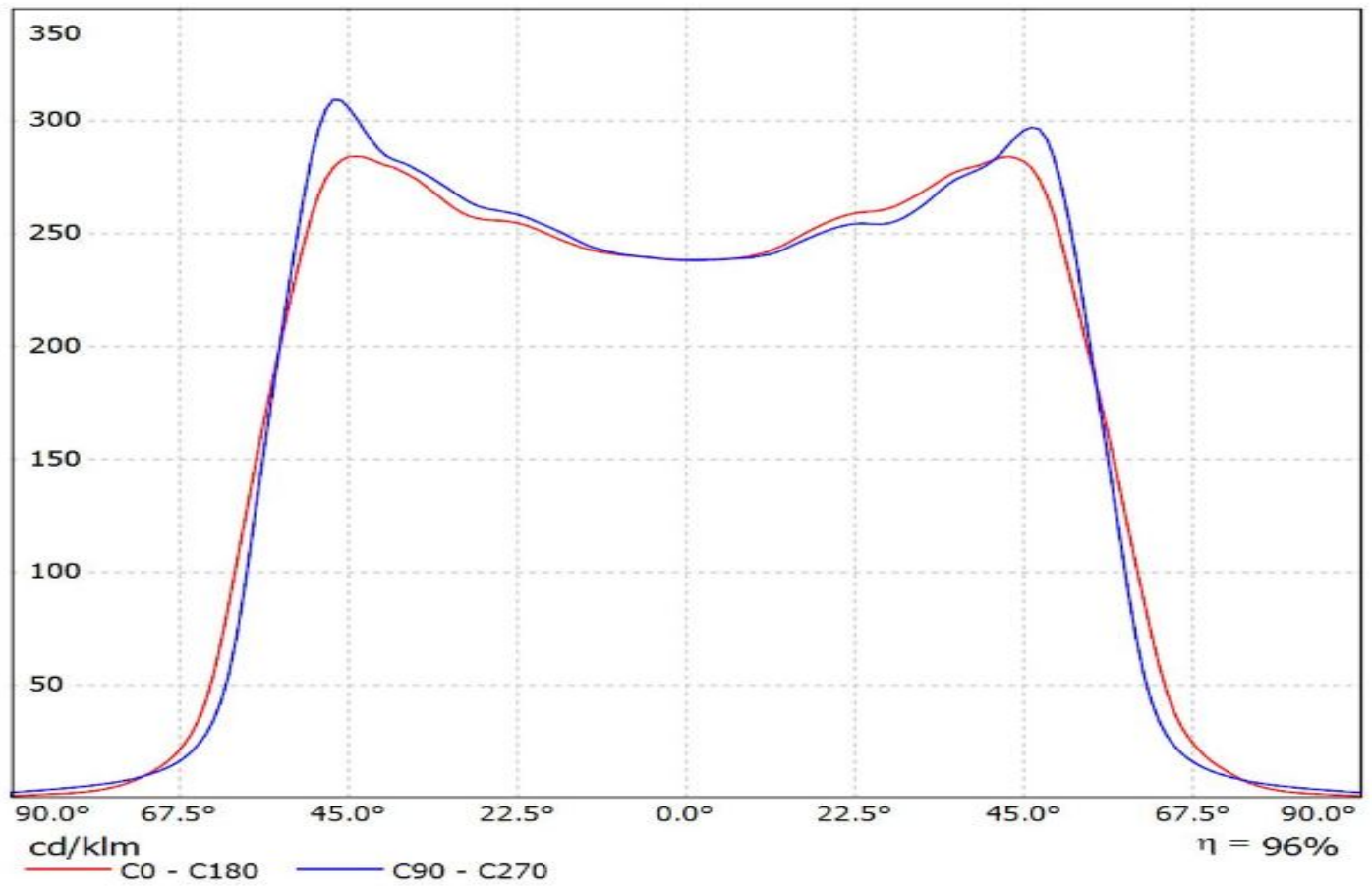




Luminaire: LEDil Oy CA14219\_STRADA-SQ-CY\_(Luxeon\_MZ) Efficiency=94%  
Lamps: 1 x Philips Lumileds Luxeon MZ (389lm @ 250mA) CCT=3800K P=2.8W I=250mA

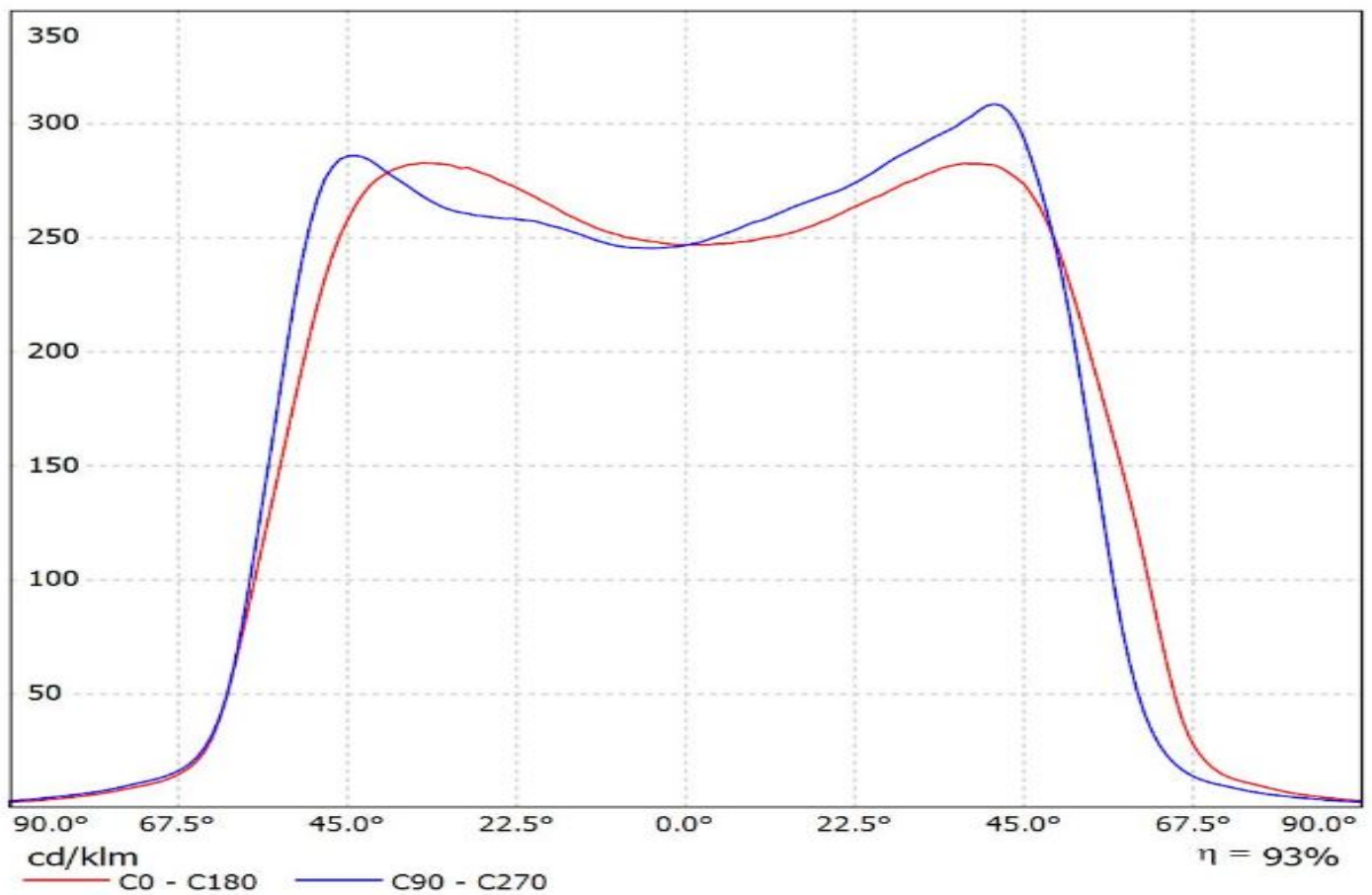


Luminaire: Ledil CA14219\_STRADA-SQ-CY\_(LUXEON\_XR-M\_Linear\_1x4)  
Lamps: 1 x Lumiled\_LUXEON\_XR-M\_Linear\_1x4\_1798.32lm@250mA\_P=11.005W\_I=0.25A

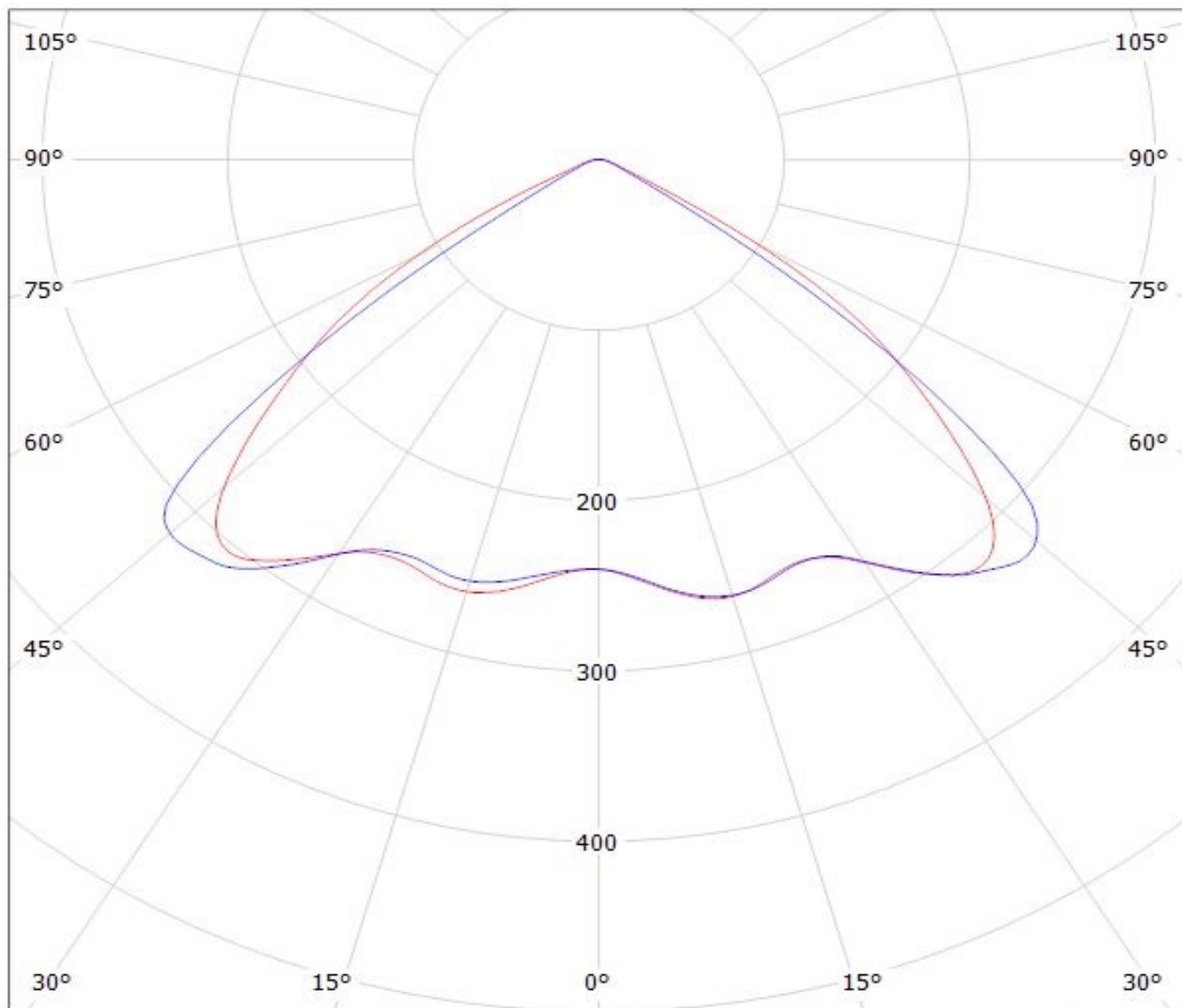


Luminaire: Ledil CA14219\_STRADA-SQ-CY\_(Duris\_S10)

Lamps: 1 x Osram\_Duris\_S10\_(GW-P7LP32\_EM)\_1003.2lm@250mA\_P=9.2390W\_I=0.25A



Luminaire: LEDiL Oy CA14219\_STRADA-SQ-CY\_(PSL440)  
Lamps: 1 x Citizen\_PSL440\_256.951lm@250mA\_P=2.8697W\_I=0.250A



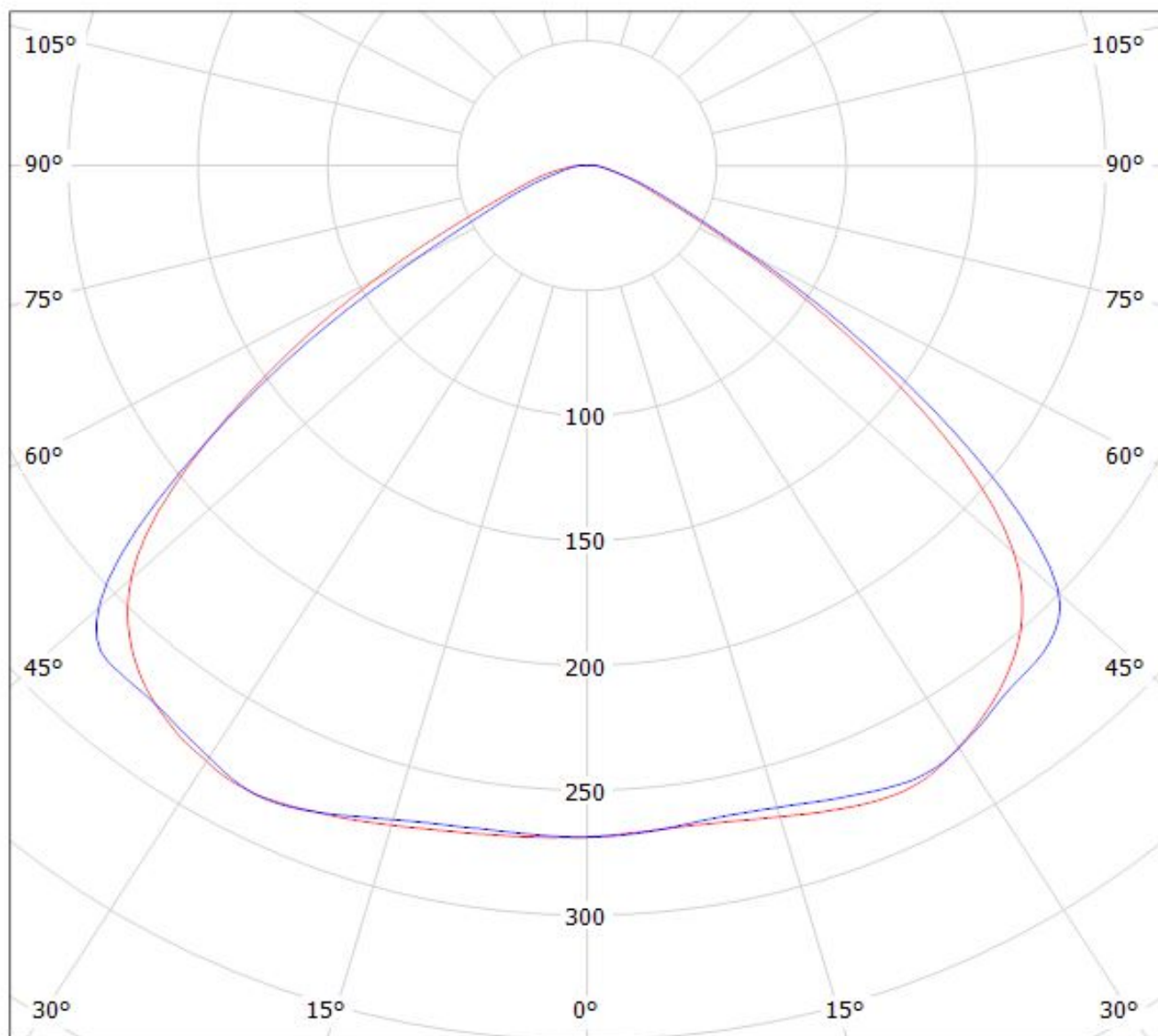
cd/klm

— C0 - C180    — C90 - C270

$\eta = 94\%$

Luminaire: LEDiL Oy CA14219\_STRADA-SQ-CY\_(PSL445)

Lamps: 1 x Citizen\_PSL445\_424.116lm@250mA\_P=2.81625W\_I=0.250A\_CCT=2700K



cd/klm

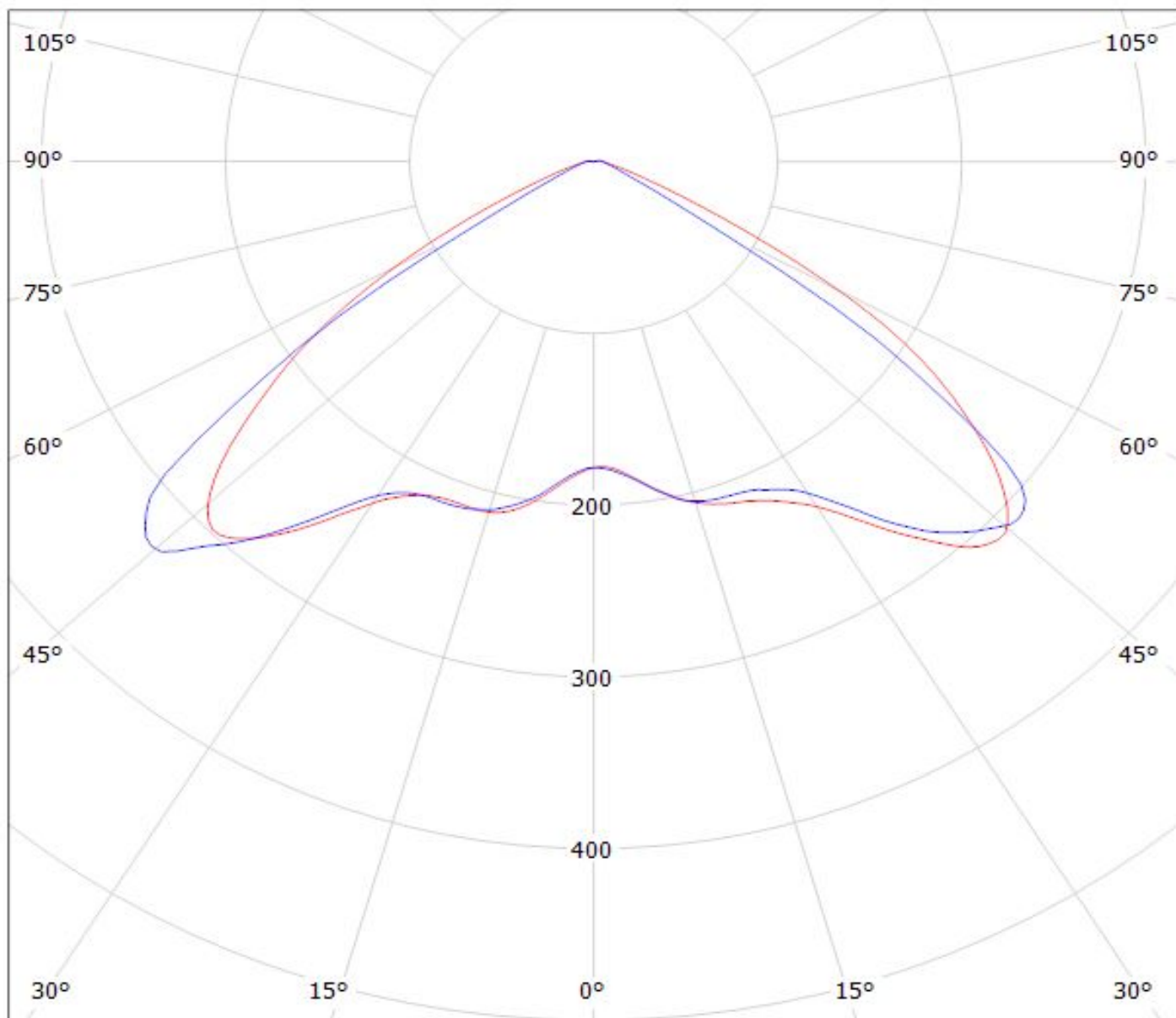
— C0 - C180

— C90 - C270

$\eta = 94\%$

Luminaire: LEDiL Oy CA14219\_STRADA-SQ-CY\_(XP-L)

Lamps: 1 x Cree\_XP-L\_127.18lm@250mA\_P=0.737584W\_I=249.9mA



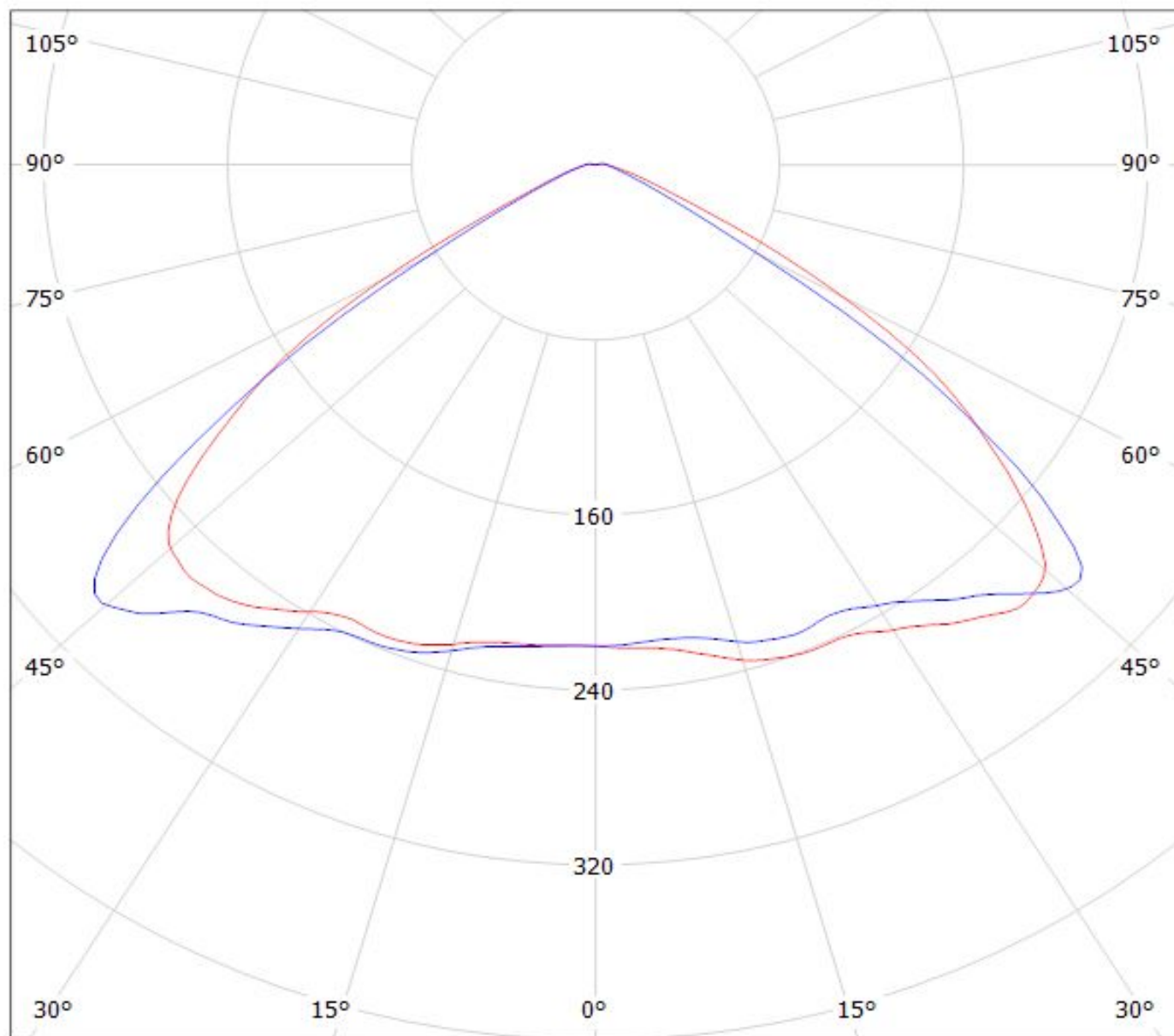
cd/klm

— C0 - C180 — C90 - C270

$\eta = 94\%$

Luminaire: LEDiL Oy CA14219\_STRADA-SQ-CY\_(XHP50 Cool white)

Lamps: 1 x XHP50 Cool white\_244.744lm@250mA\_P=1.42773W\_I=0.2499A

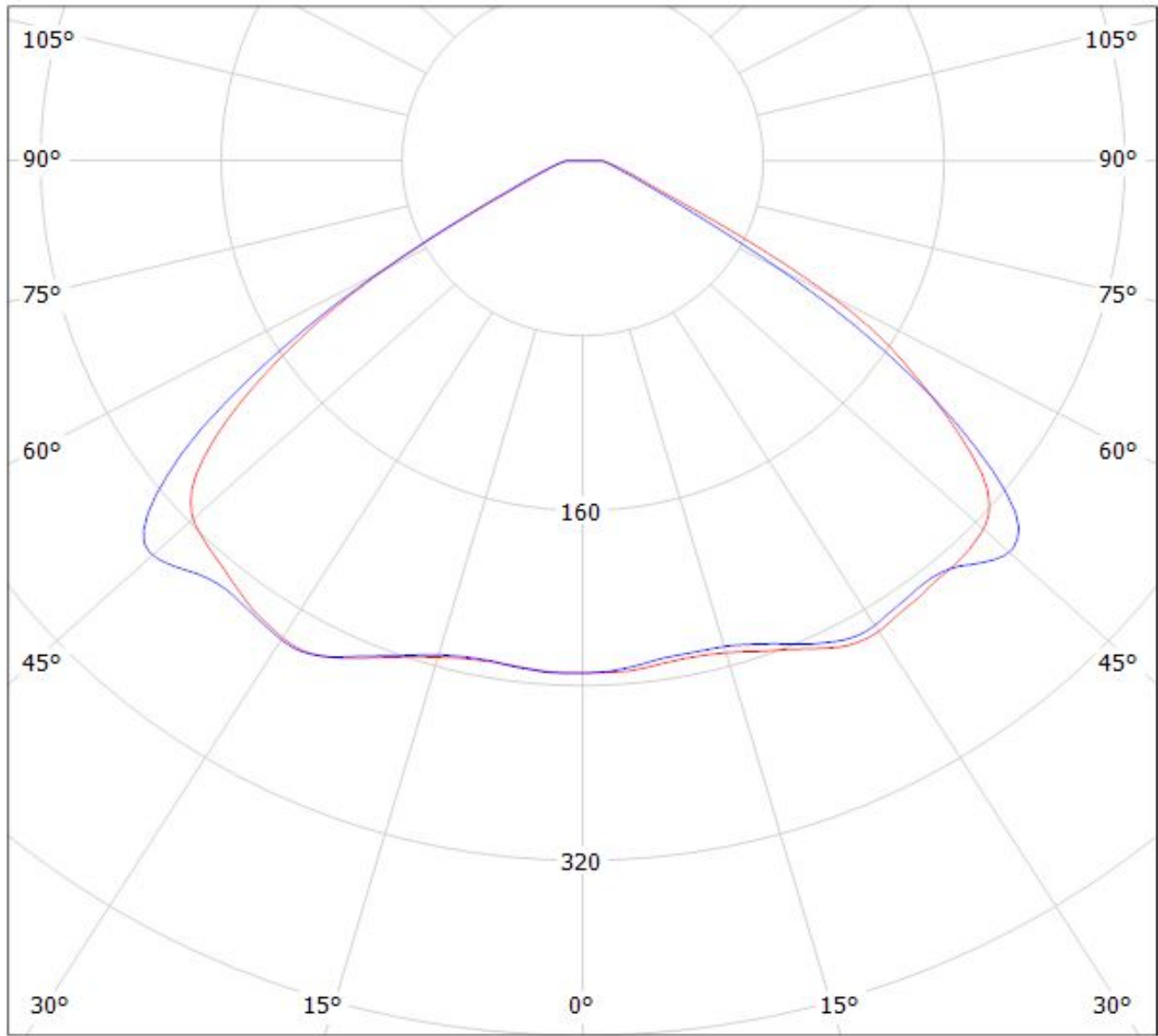


cd/klm

— C0 - C180    — C90 - C270

$\eta = 95\%$

Luminaire: EVERFINE CA14219\_STRADA-SQ-CY\_(CREE\_XHP70)  
Lamps: 1 x CREE\_XHP70\_288.639lm@250mA\_P=2.69892W\_I=0.2499A



cd/klm

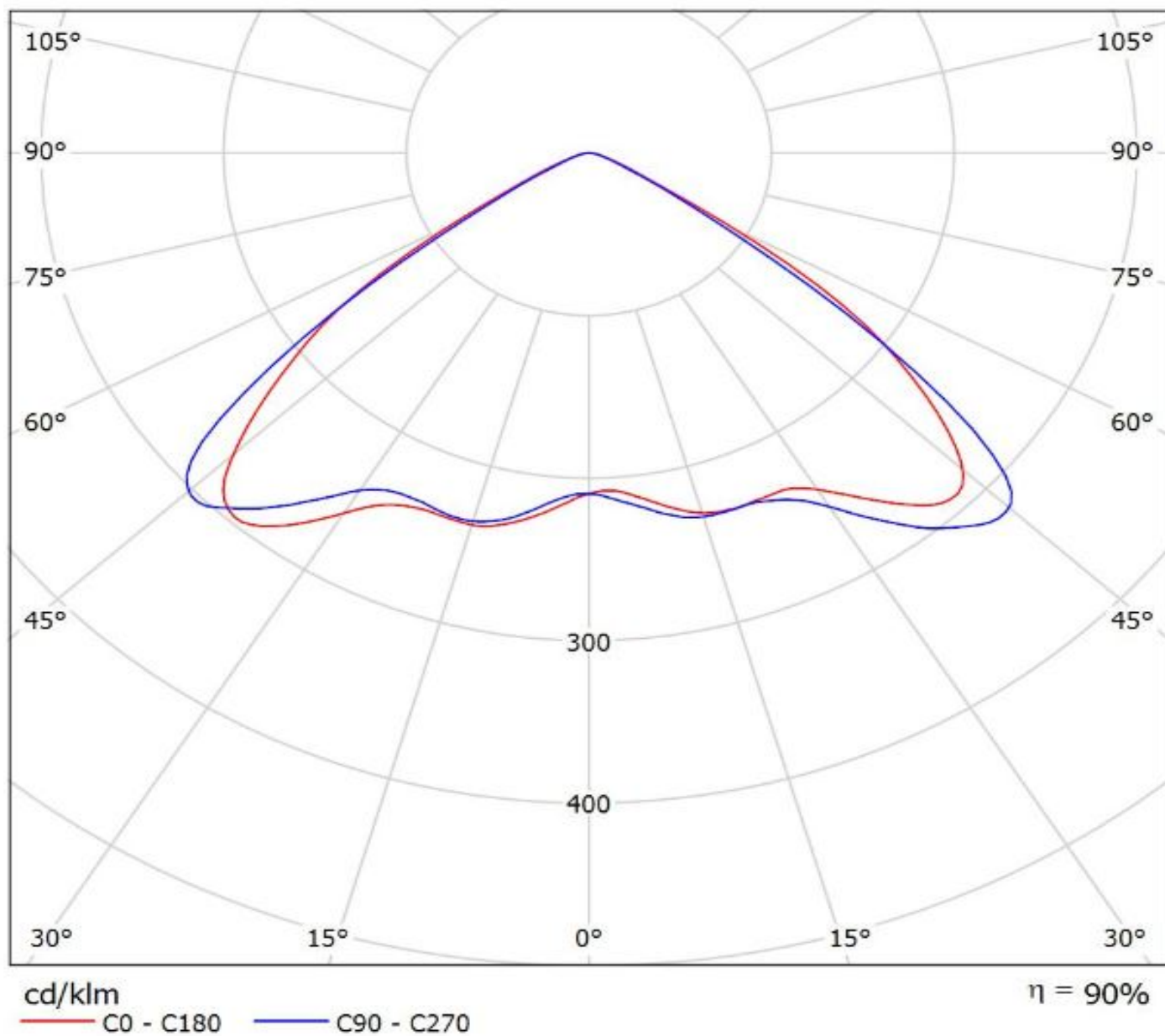
— C0 - C180    — C90 - C270

$\eta = 94\%$

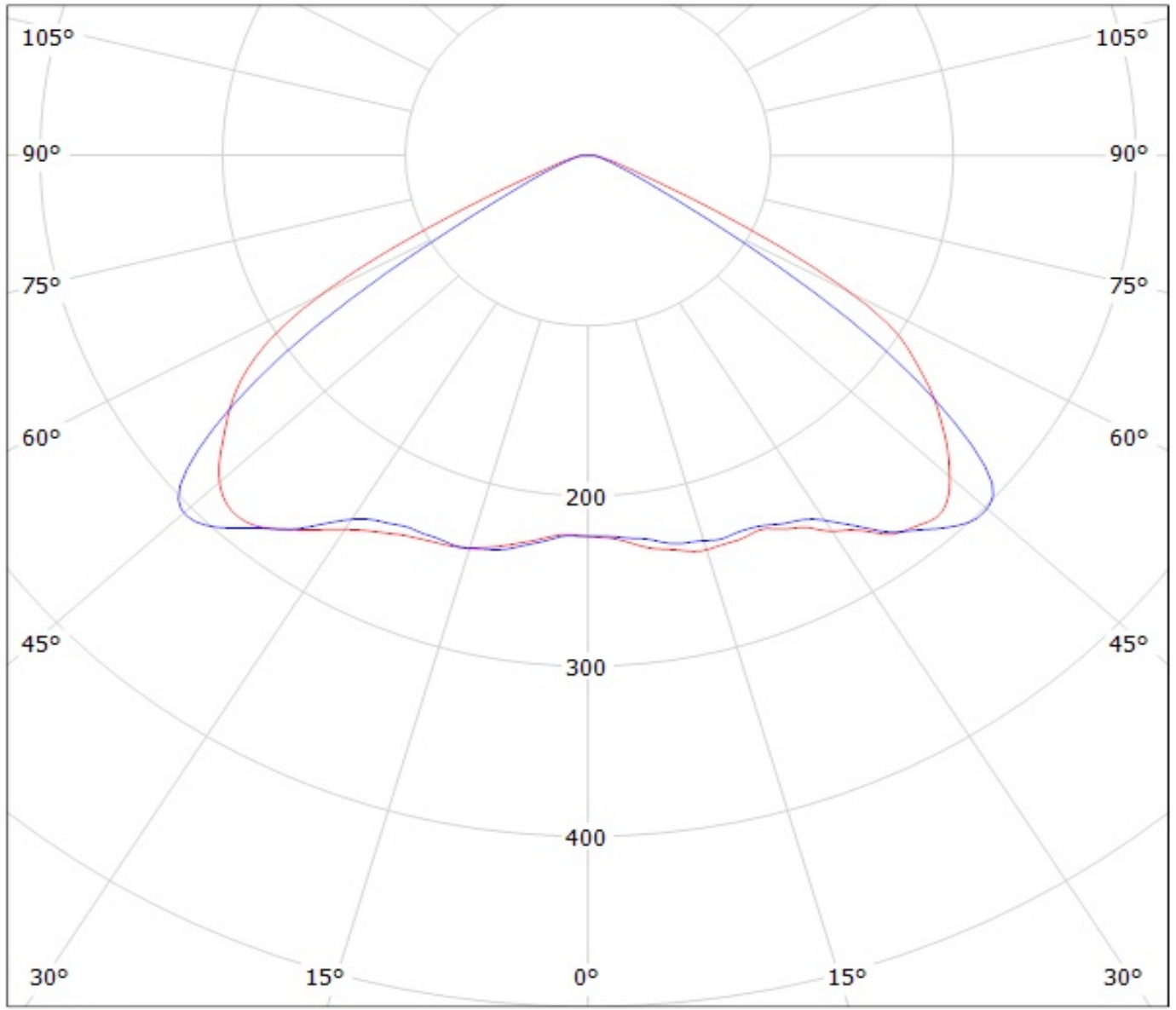


Luminaire: Ledil CA14219\_STRADA-SQ-CY\_(XP-L2)

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



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Lamps: 1 x Philips Lumileds Luxeon MZ (389lm @ 250mA) CCT=3800K P=2.8W I=250mA

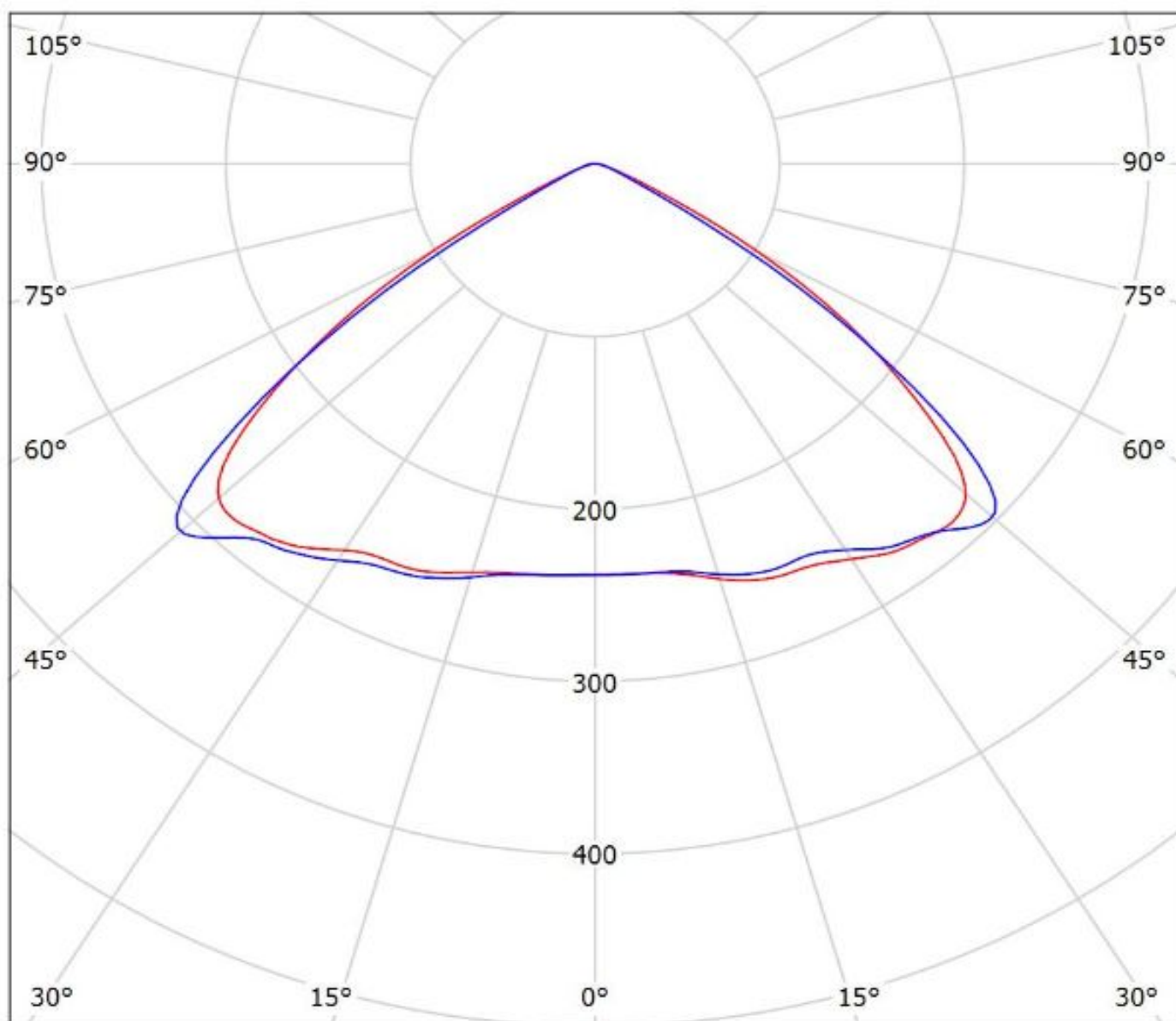


cd/klm

— C0 - C180    — C90 - C270

Luminaire: Ledil CA14219\_STRADA-SQ-CY\_(LUXEON\_XR-M\_Linear\_1x4)

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



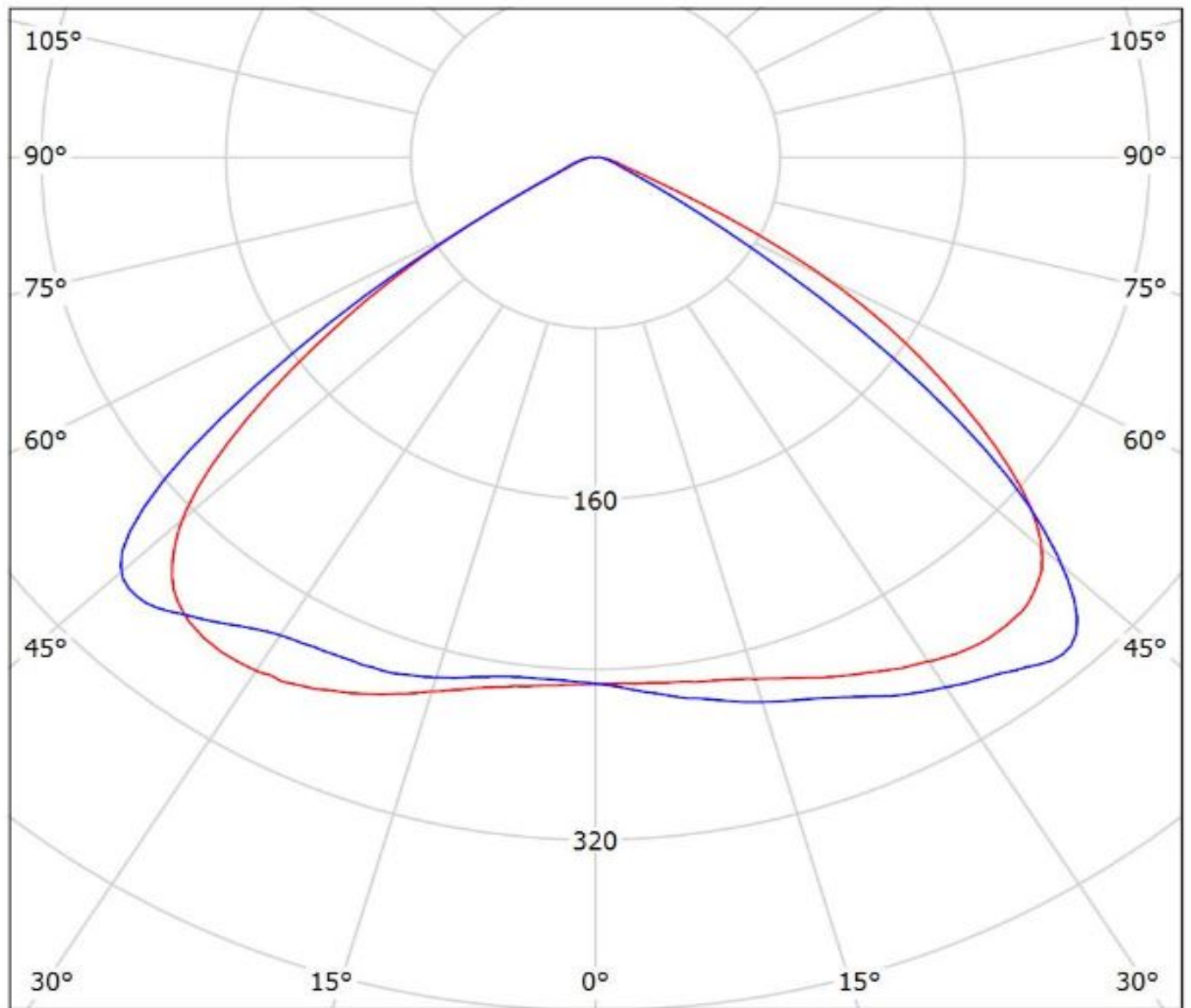
cd/klm

— C0 - C180 — C90 - C270

$\eta = 96\%$

Luminaire: Ledil CA14219\_STRADA-SQ-CY\_(Duris\_S10)

Lamps: 1 x Osram\_Duris\_S10\_(GW-P7LP32.EM)\_1003.2lm@250mA\_P=9.2390W\_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.**