

DETAILS

Product Number	CA14219_STRADA-SQ-CY
Family	Strada
Type	Assembly
Color	clear
Diameter	25x25 mm
Height	10,1 mm
Style	square
Optic Material	PMMA
Holder Material	
Fastening	tape, pin, screw
Status	production ready
ROHS Compliant	Yes
Date Updated	4/04/2017



OPTICAL PROPERTIES

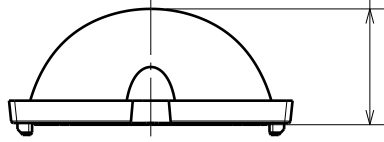
LED	Viewing Angle	Light Beam	Efficiency	cd/lm	Connector
PSL440	119+113 deg	Streetligh...	94 %	0.440	-
PSL445	112+112 deg	Streetligh...	94 %	0.370	-
XM-L	122+116 deg	Streetligh...	94 %	0.440	-
MK-R	118+115 deg	Streetligh...	94 %	0.370	-
XP-L	118+127 deg	Streetligh...	94 %	0.400	-
XHP50	122+118 deg	Streetligh...	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

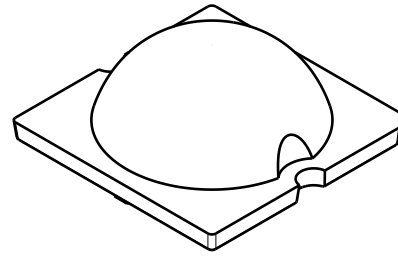
B

A

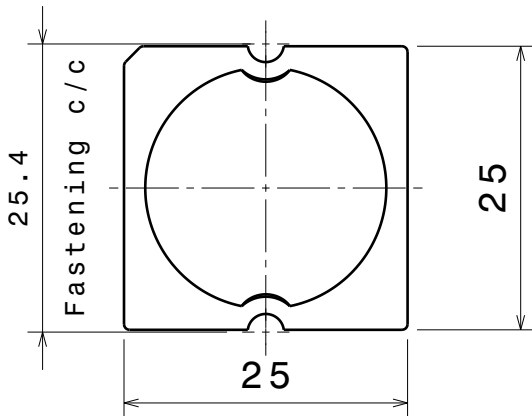


10.2

Front view



Isometric view



25.4

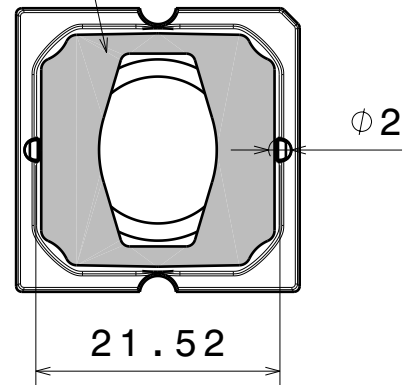
Fastening c/c

25

25

Top view

PU foam tape 0.4mm



21.52

 $\phi 2$

Bottom view

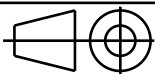
INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	C13866	STRADA-SQ-CY	PMMA	

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

This drawing is the property
of LEDiL Oy. It may not be
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agreement with LEDiL Oy."

SIZE PART NUMBER

A4

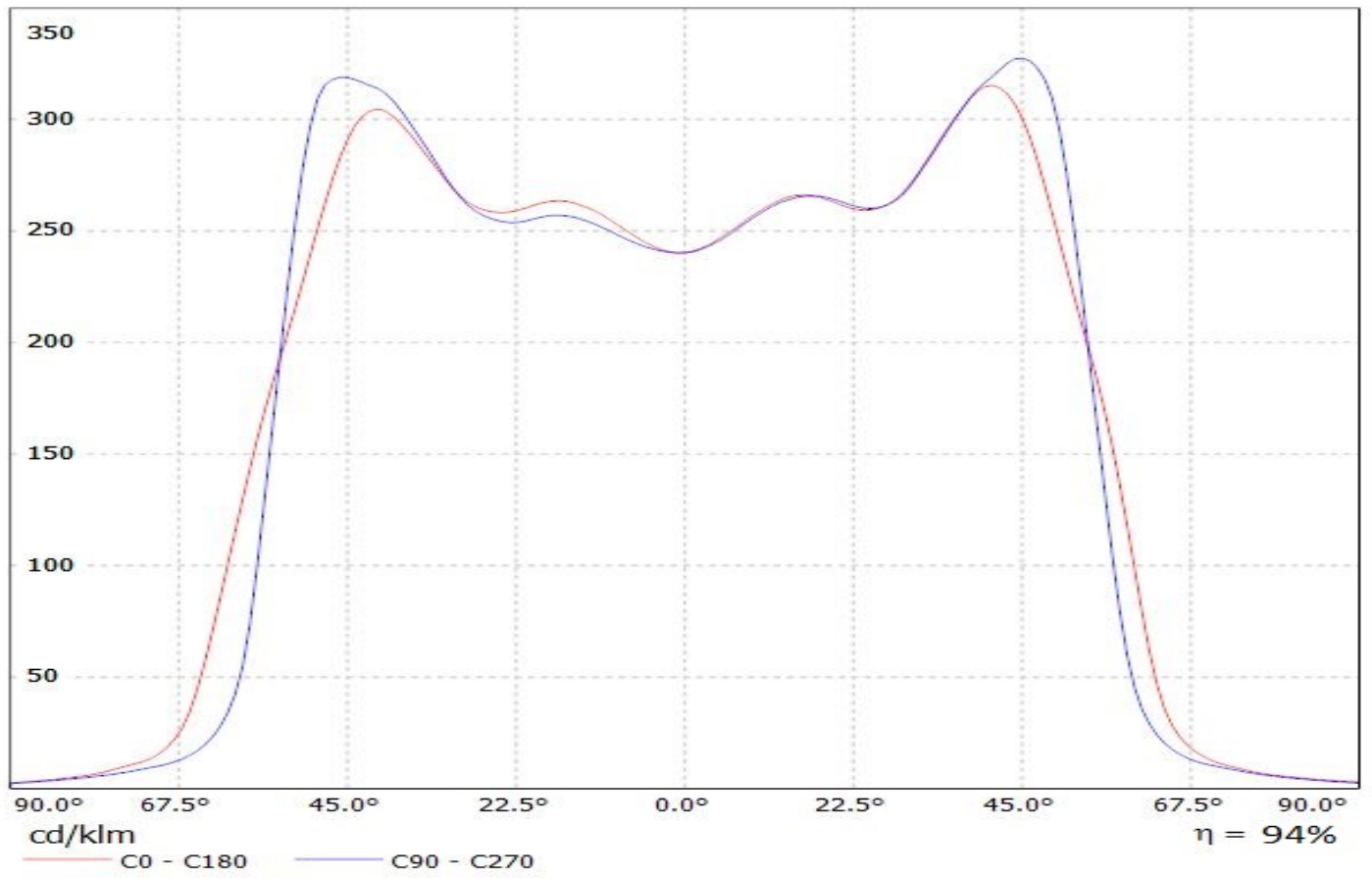
CA14219

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

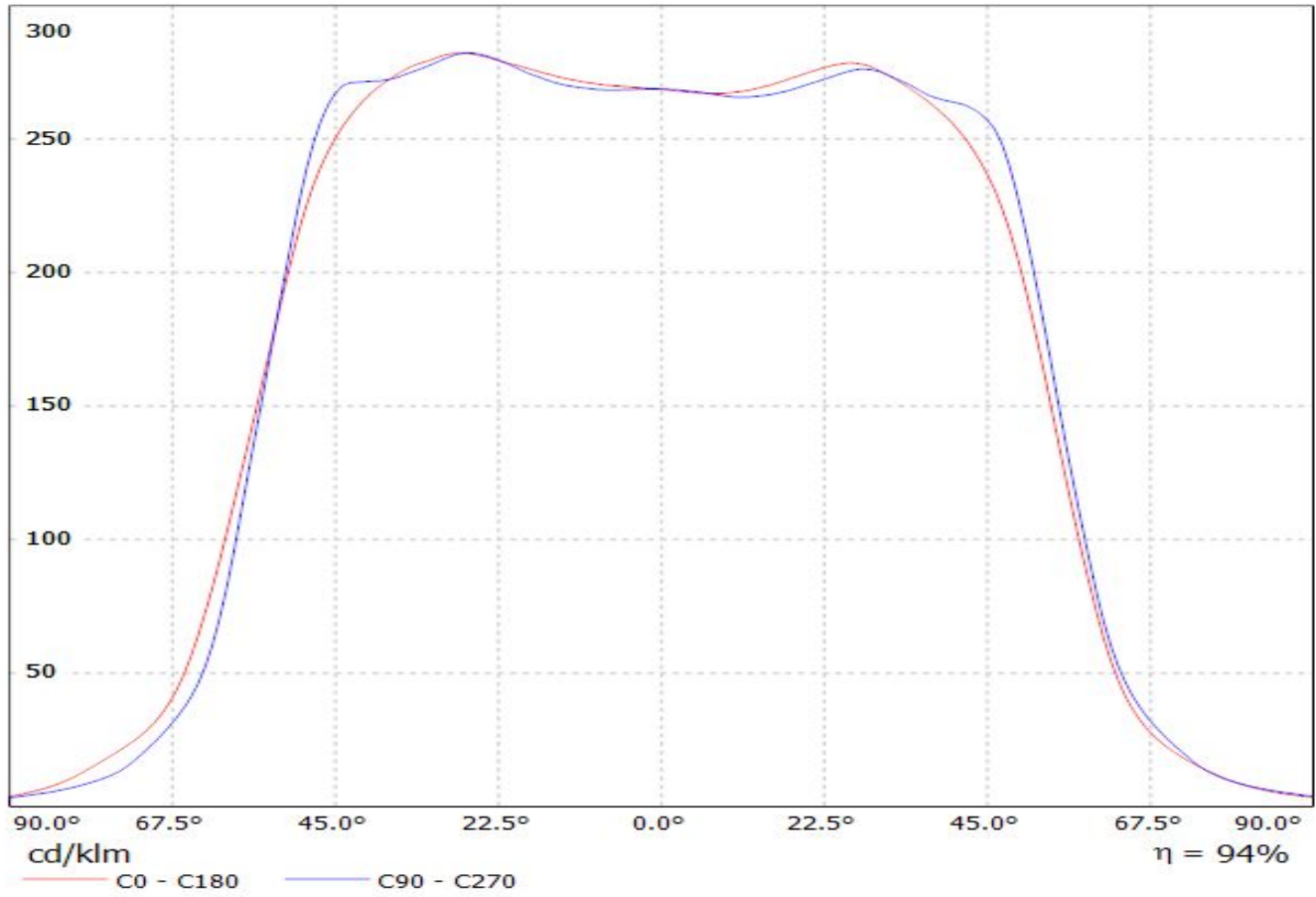
A

Luminaire: LEDiL Oy CA14219_STRADA-SQ-CY_(PSL440)
Lamps: 1 x Citizen_PSL440_256.951lm@250mA_P=2.8697W_I=0.250A

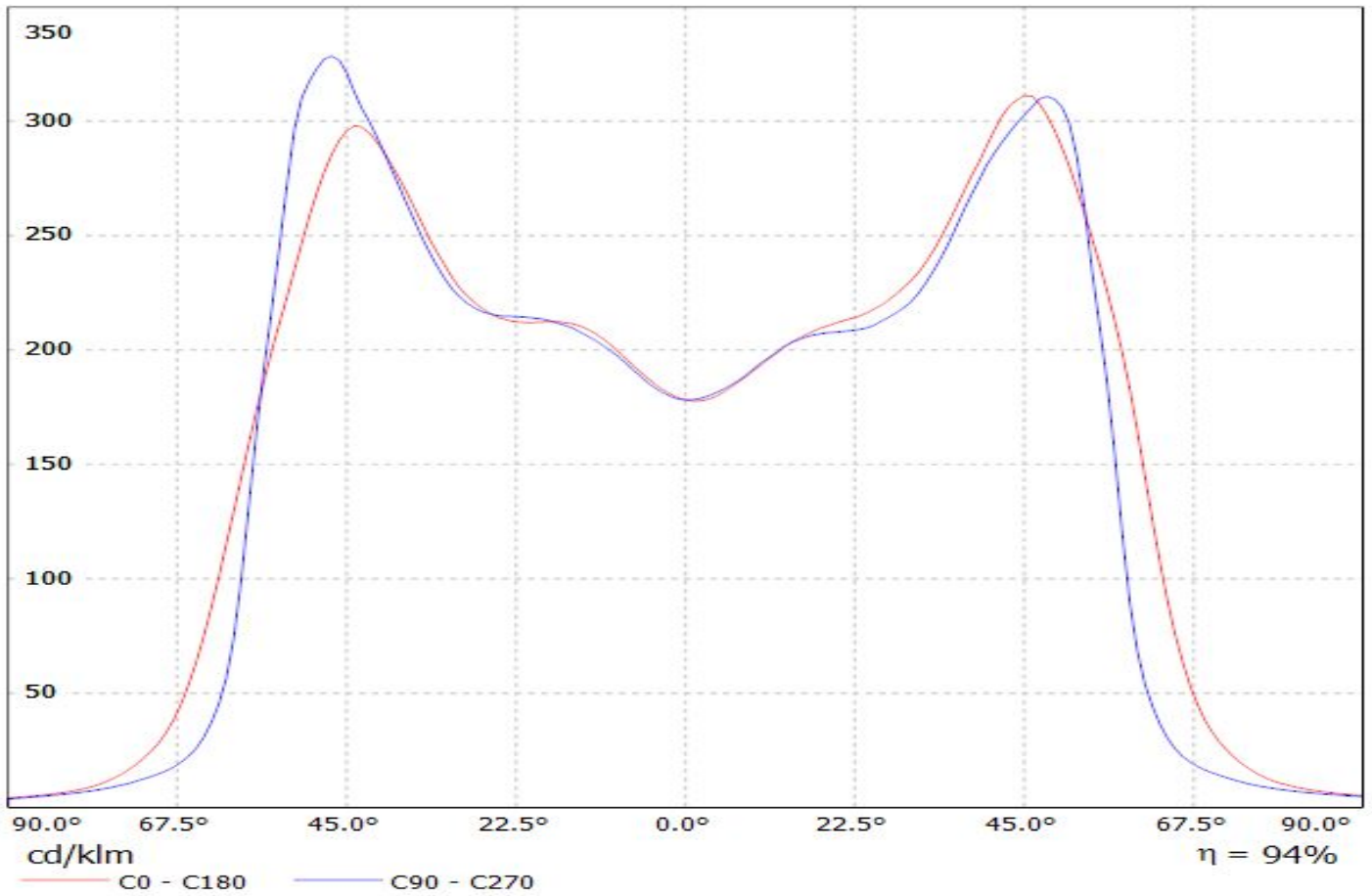


Luminaire: LEDiL Oy CA14219_STRADA-SQ-CY_(PSL445)

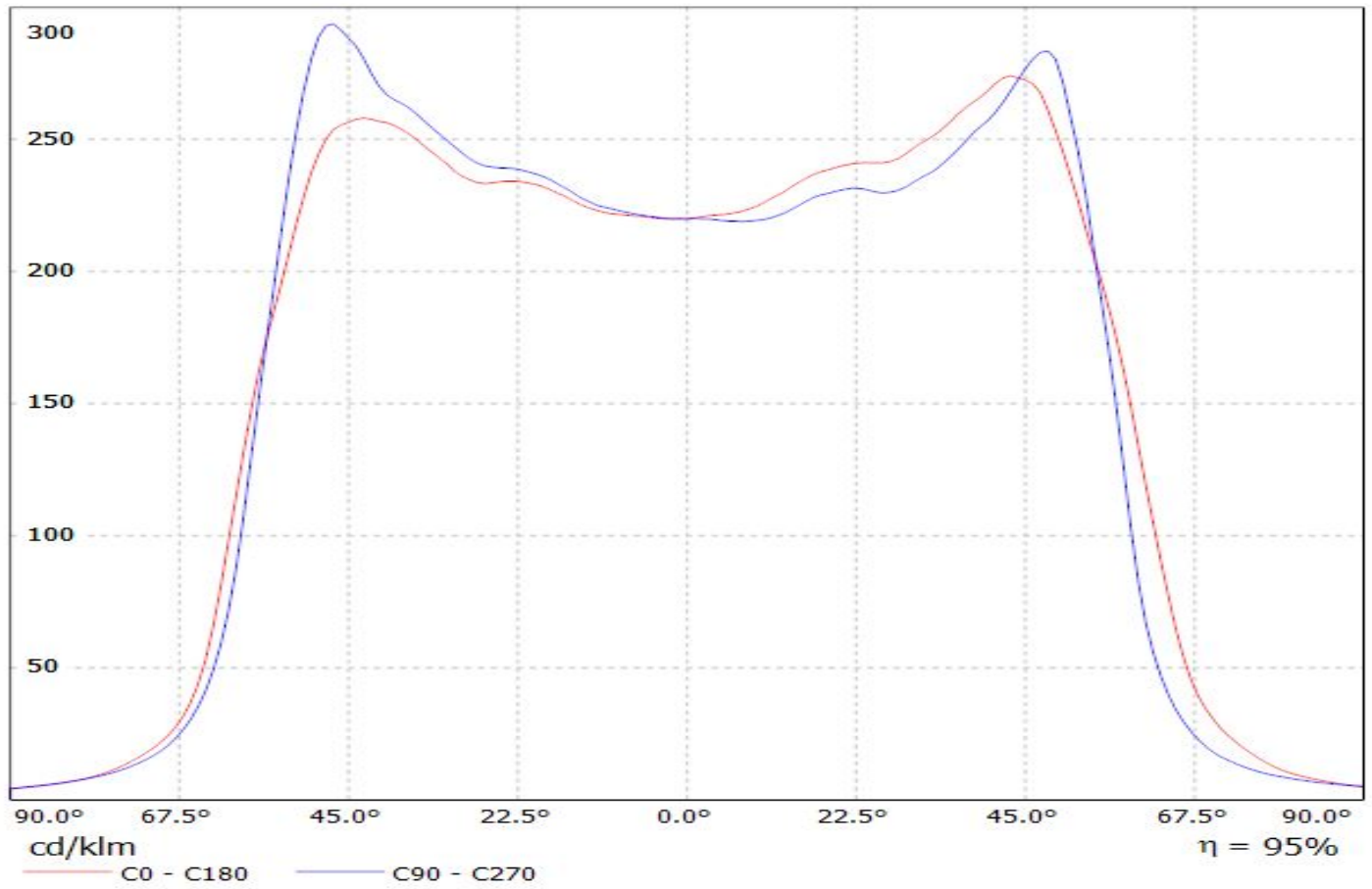
Lamps: 1 x Citizen_PSL445_424.116lm@250mA_P=2.81625W_I=0.250A_CCT=2700K



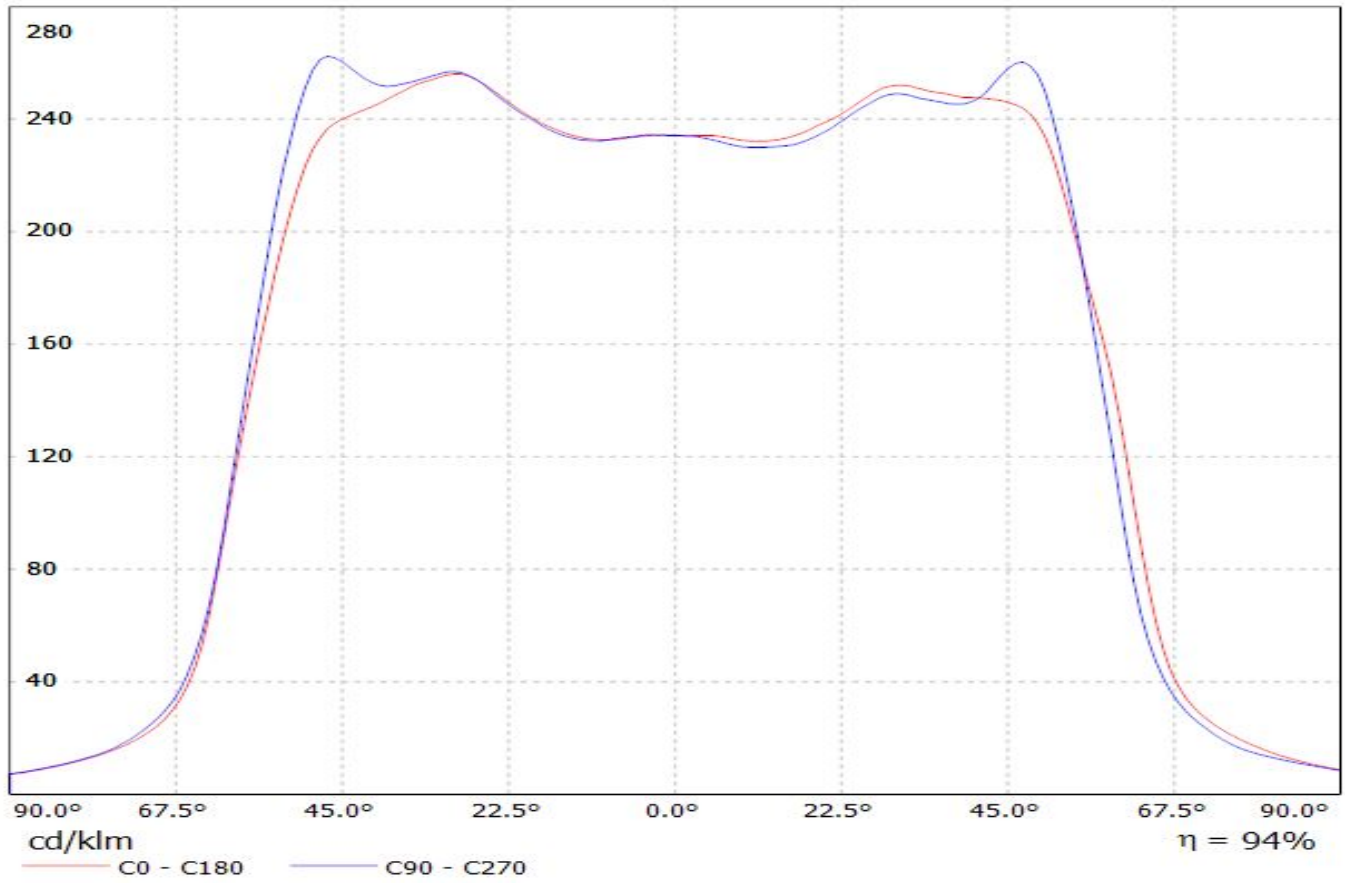
Luminaire: LEDiL Oy CA14219_STRADA-SQ-CY_(XP-L)
Lamps: 1 x Cree_XP-L_127.18lm@250mA_P=0.737584W_I=249.9mA



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

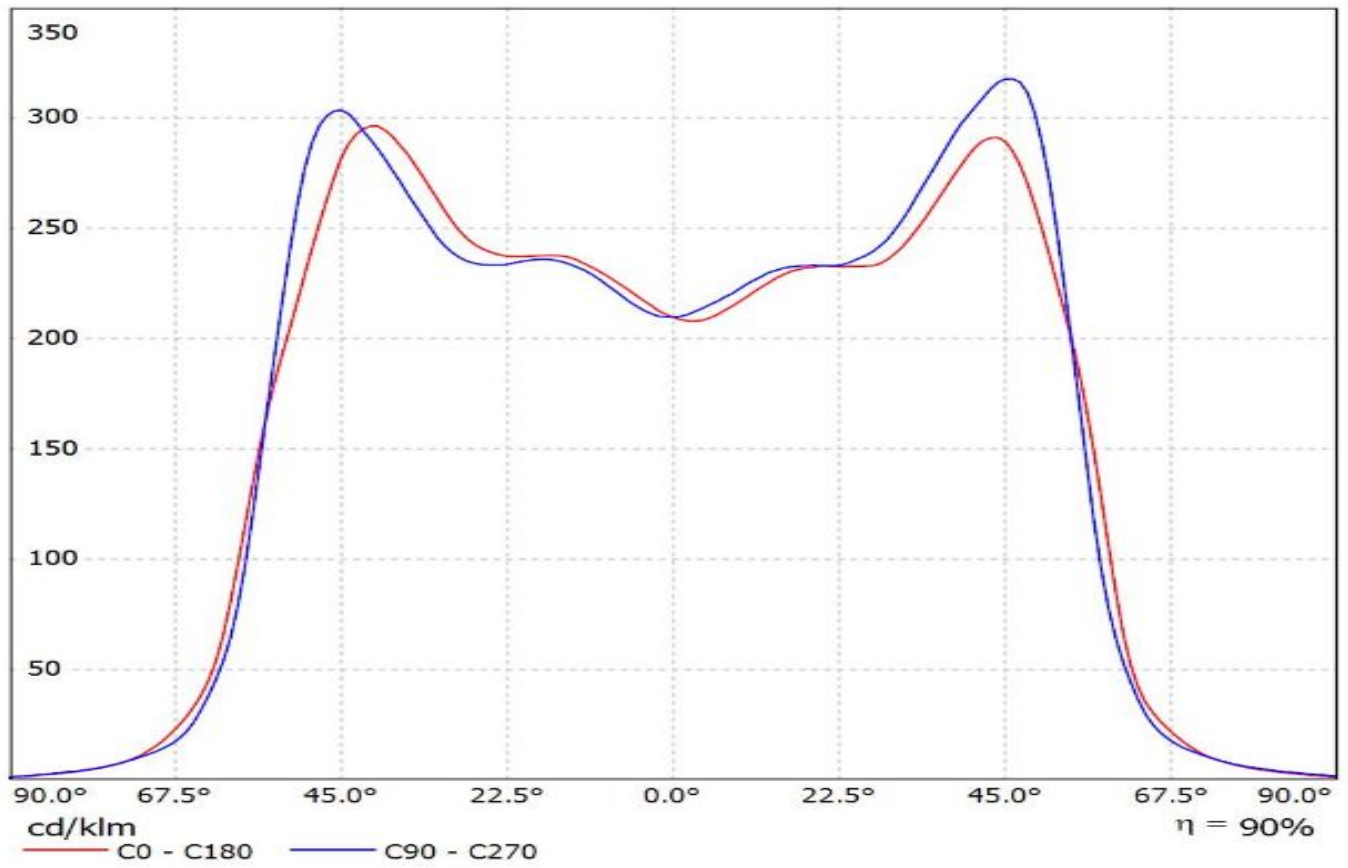


Luminaire: EVERFINE CA14219_STRADA-SQ-CY_(CREE_XHP70)
Lamps: 1 x CREE_XHP70_288.639lm@250mA_P=2.69892W_I=0.2499A

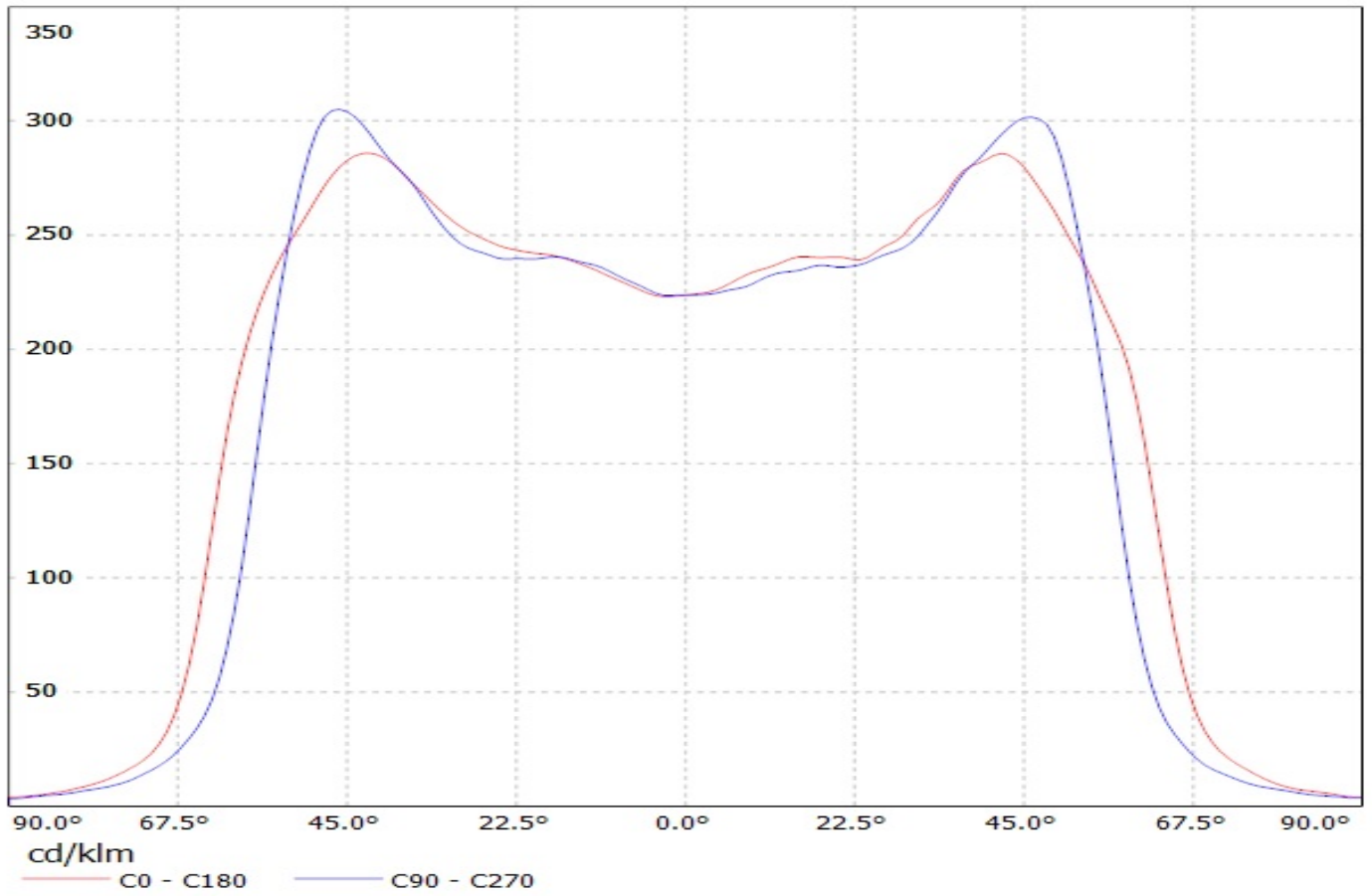


Luminaire: Ledil CA14219_STRADA-SQ-CY_(XP-L2)

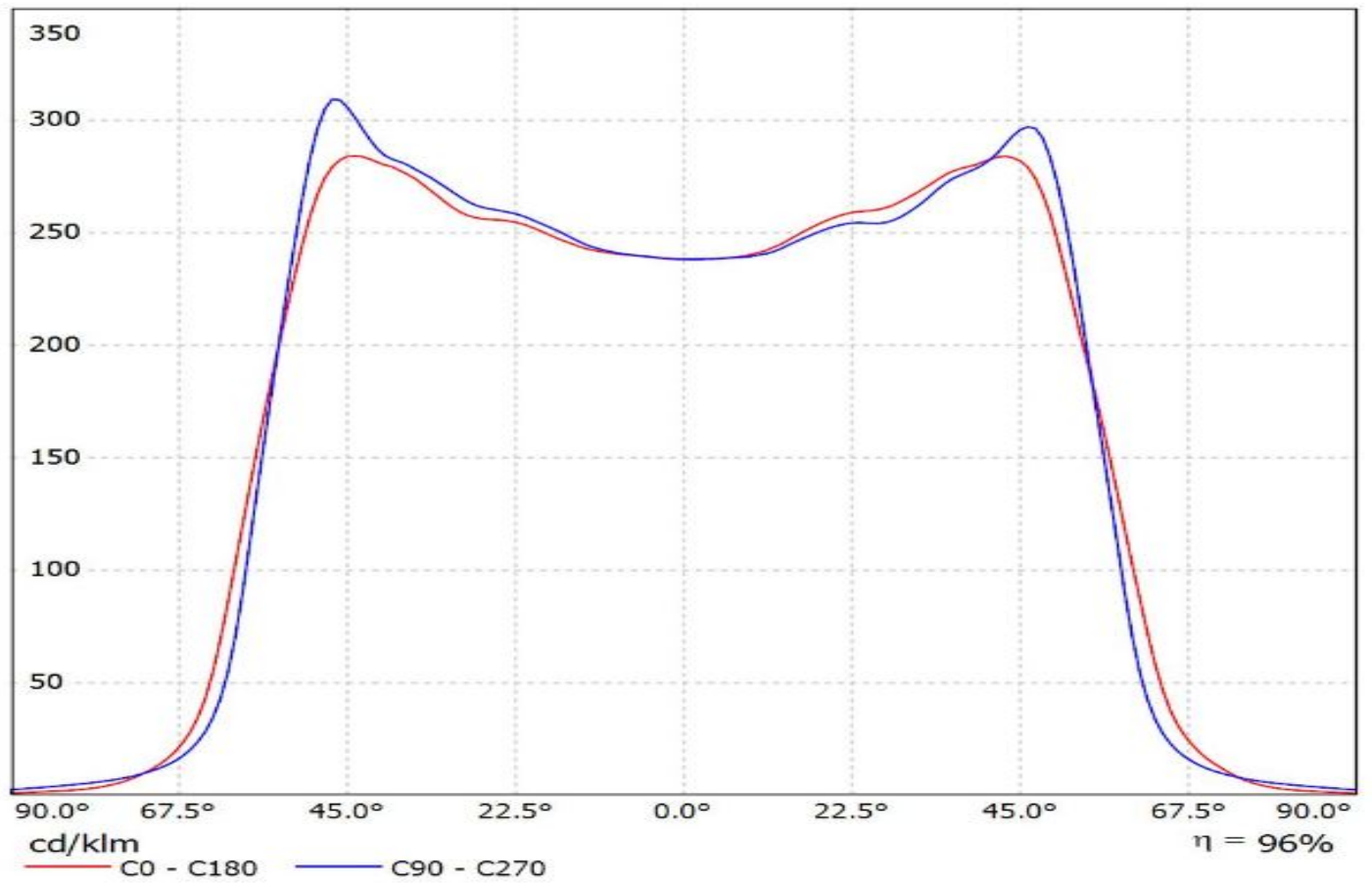
Lamps: 1 x Cree_XP-L2_(XPLWT-00-0000-000HU630G)_115.868lm@250mA_P=0.717875W_I=0.25A



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

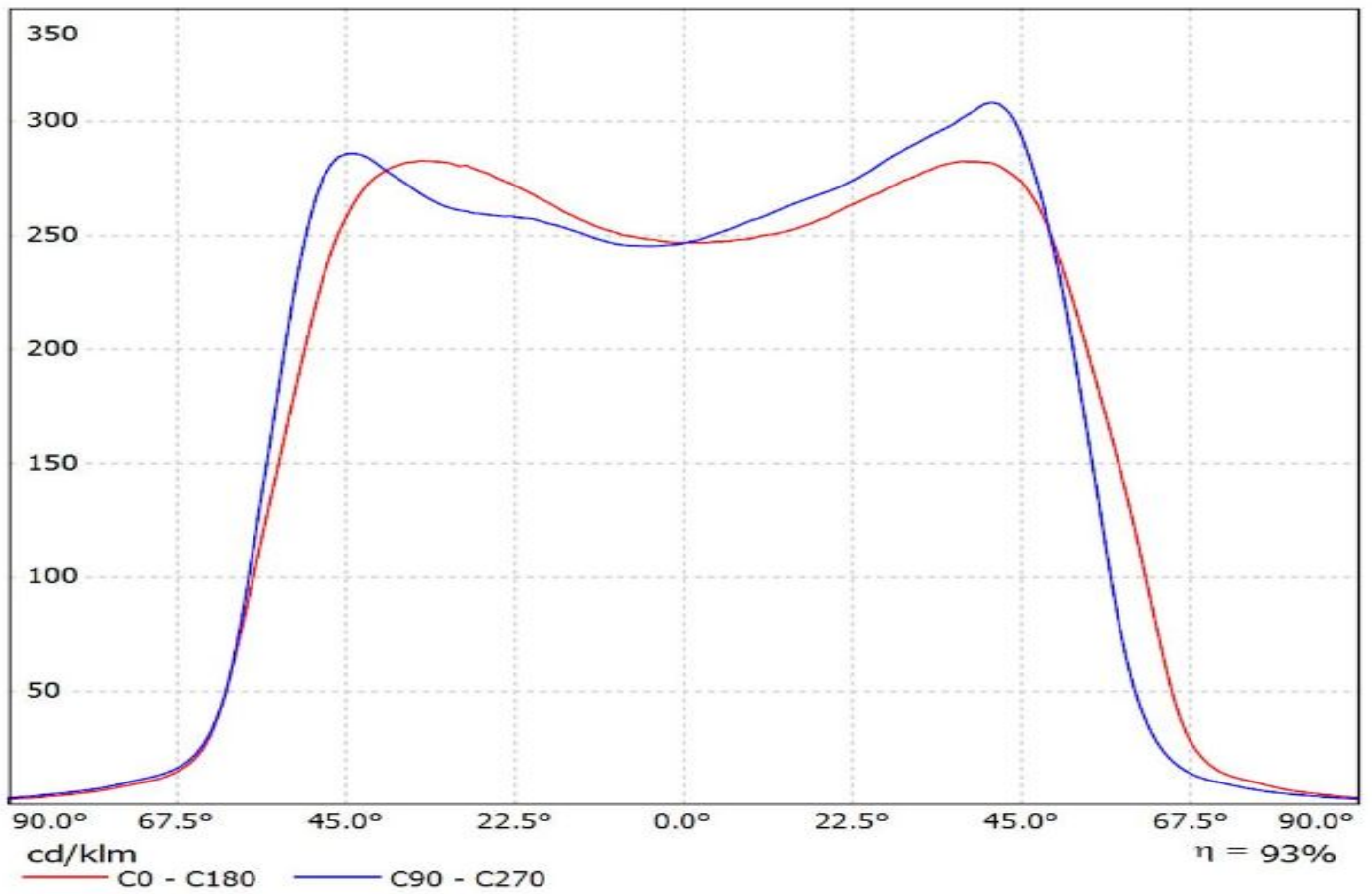


Luminaire: Ledil CA14219_STRADA-SQ-CY_(LUXEON_XR-M_Linear_1x4)
Lamps: 1 x Lumiled_LUXEON_XR-M_Linear_1x4_1798.32lm@250mA_P=11.005W_I=0.25A

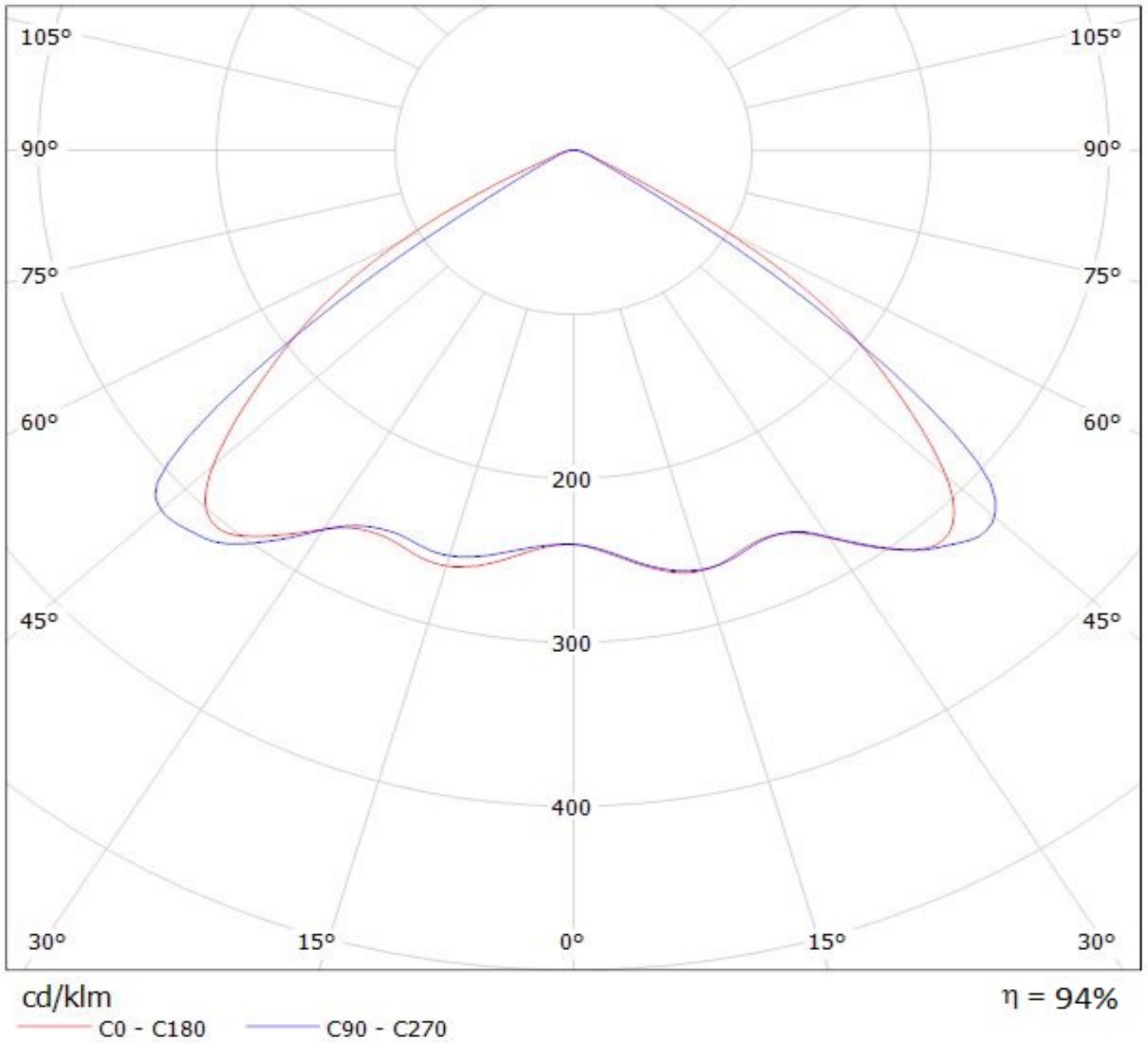


Luminaire: Ledil CA14219_STRADA-SQ-CY_(Duris_S10)

Lamps: 1 x Osram_Duris_S10_(GW-P7LP32_EM)_1003.2lm@250mA_P=9.2390W_I=0.25A

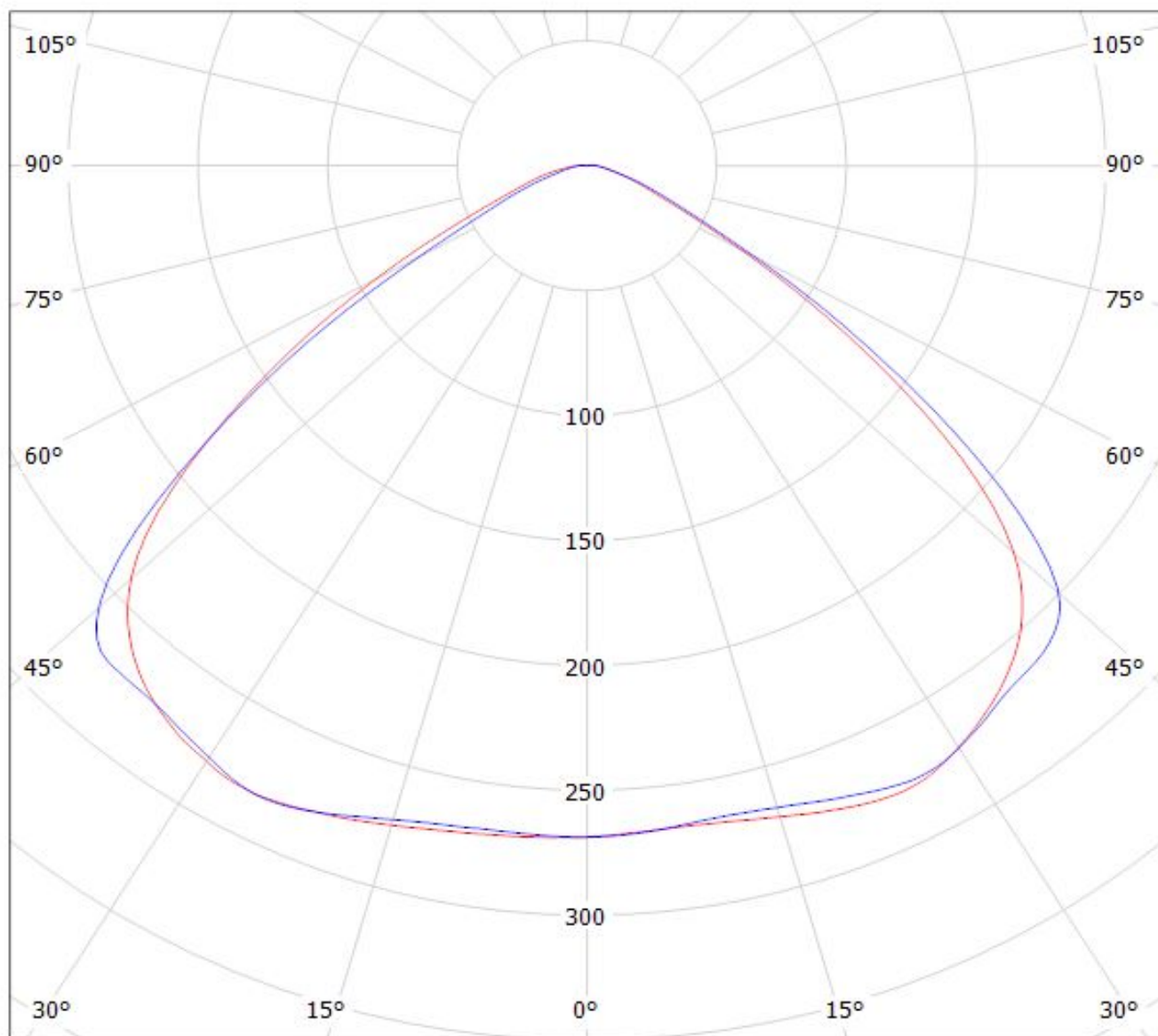


Luminaire: LEDiL Oy CA14219_STRADA-SQ-CY_(PSL440)
Lamps: 1 x Citizen_PSL440_256.951lm@250mA_P=2.8697W_I=0.250A



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

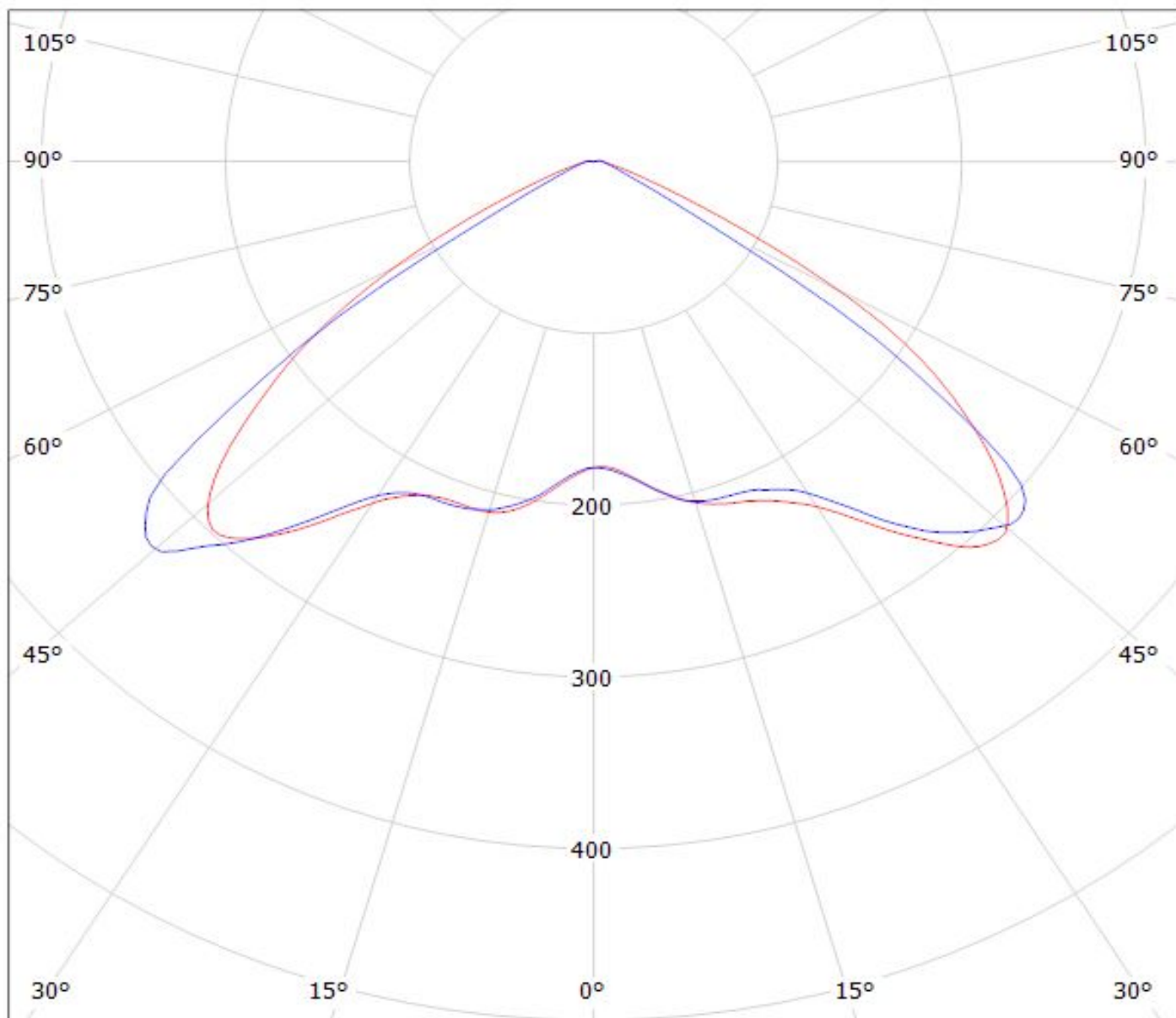
— C0 - C180

— 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

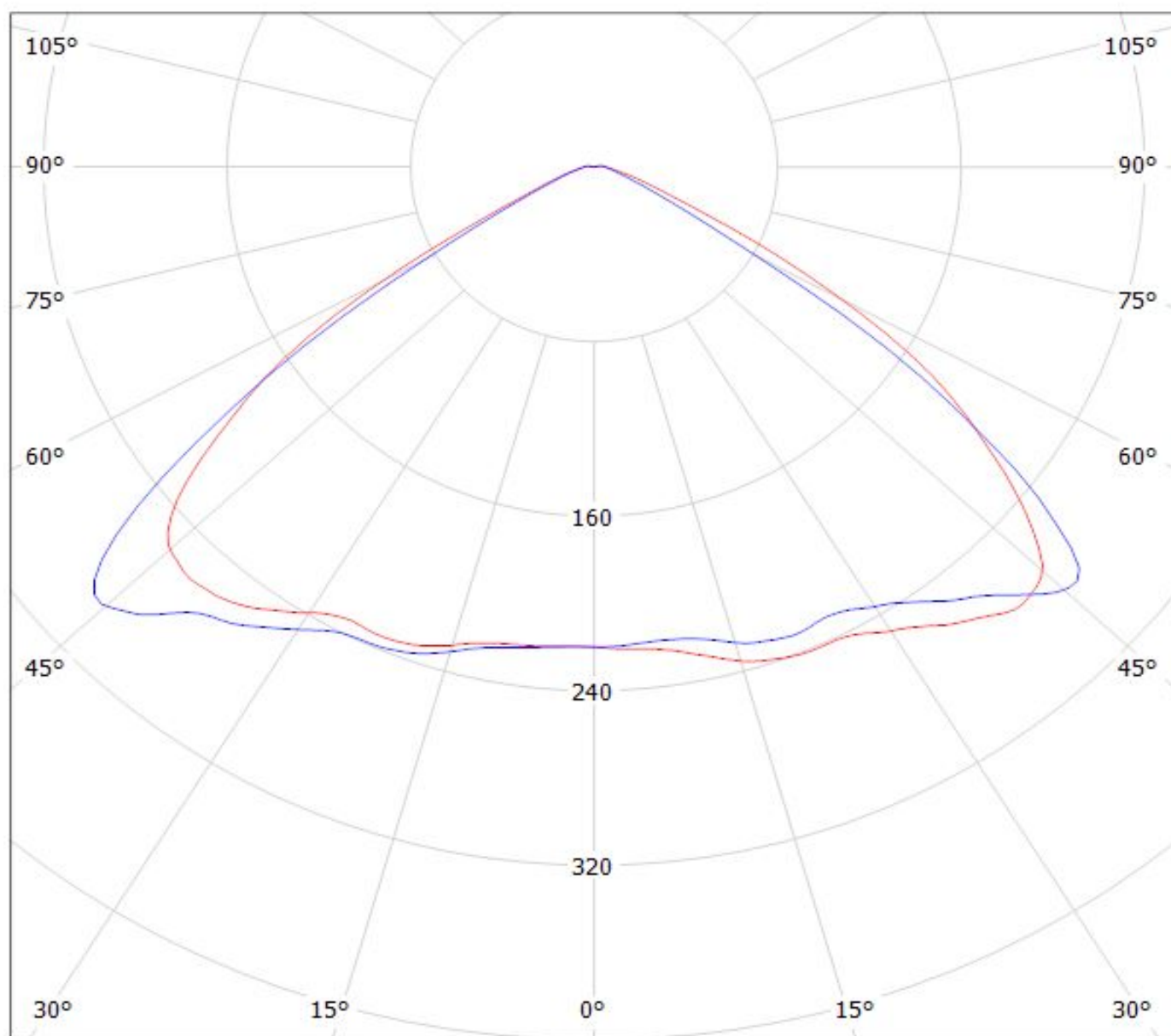
— C0 - C180

— 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

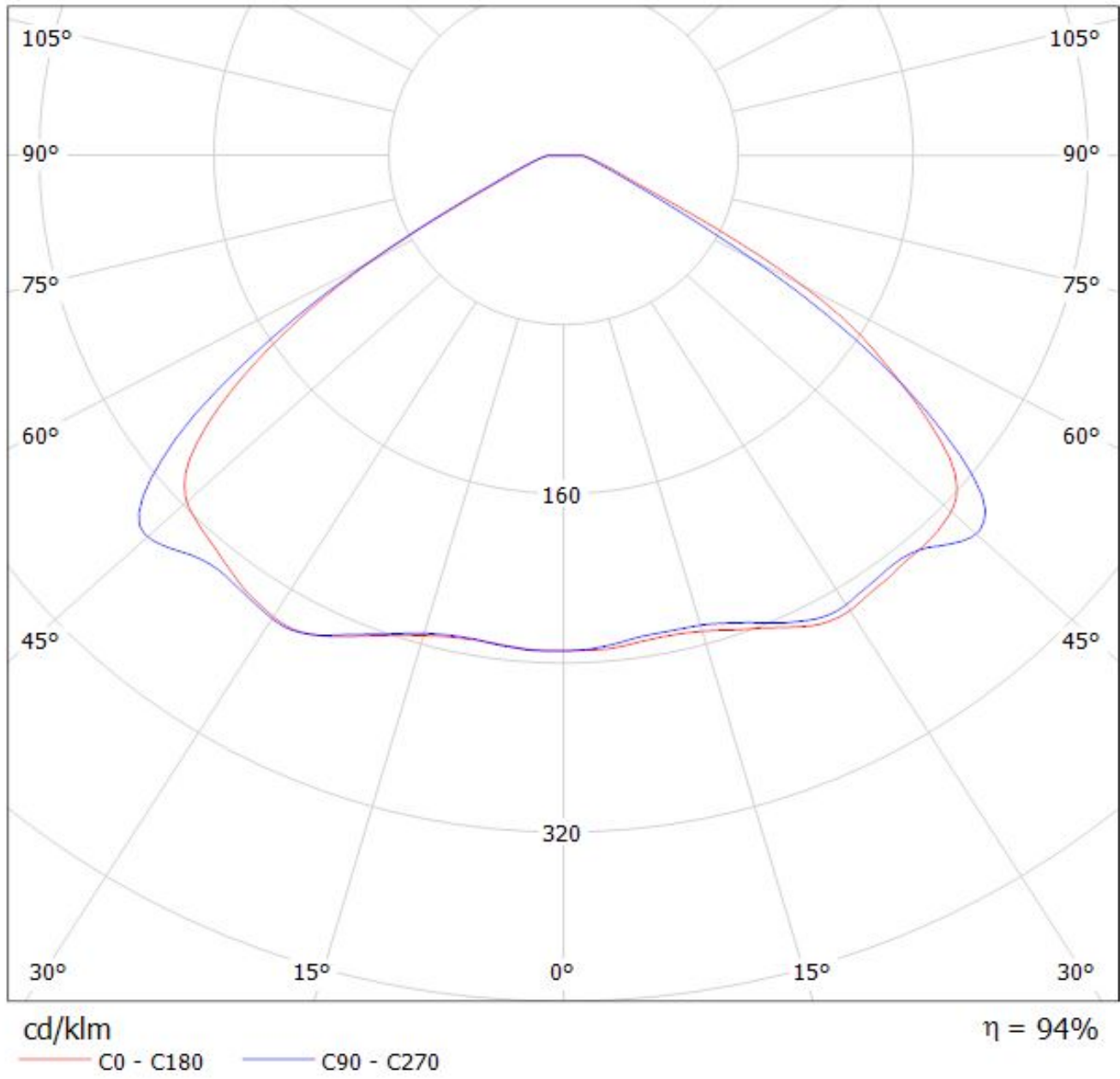


cd/klm

— C0 - C180 — C90 - C270

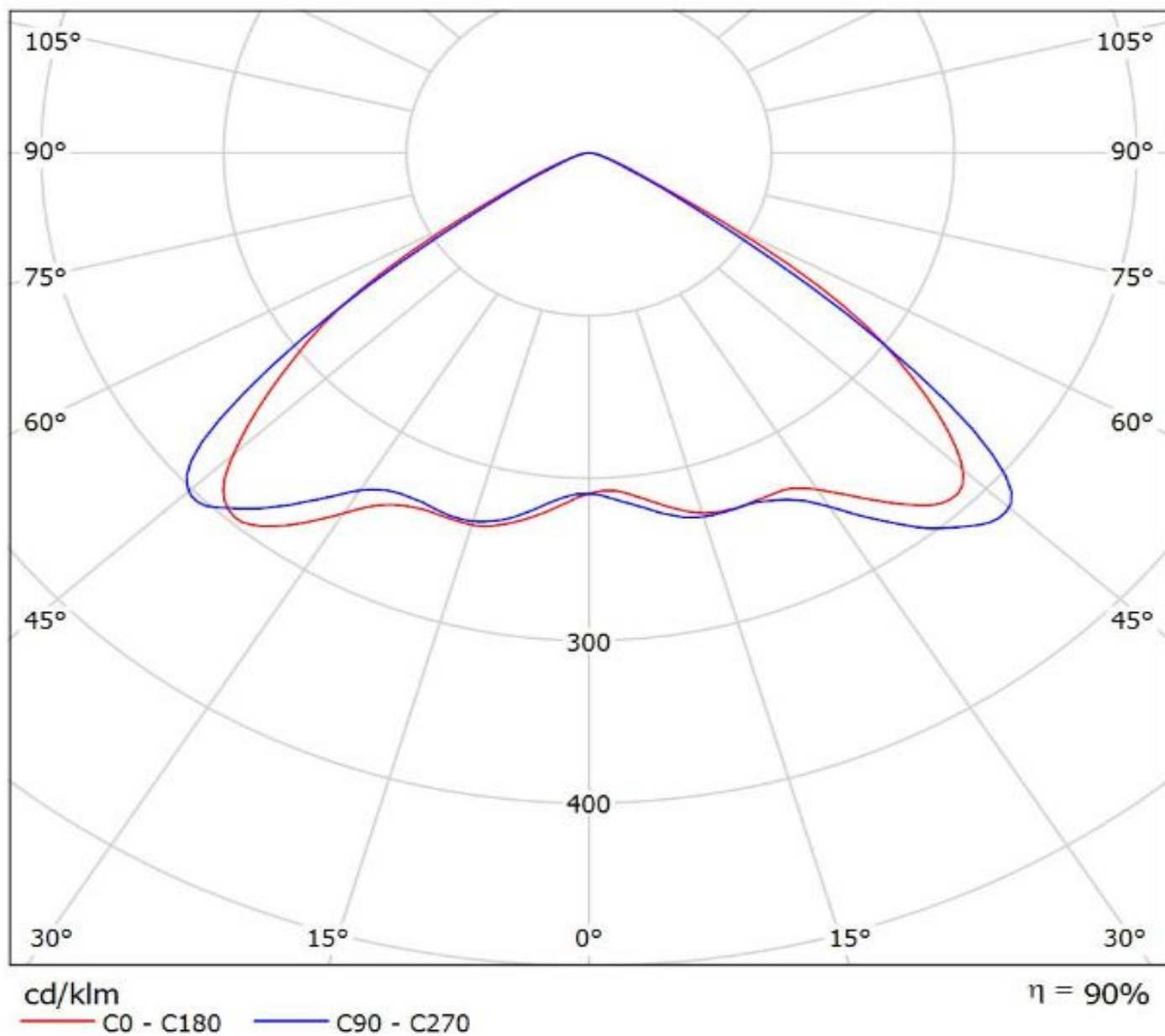
$\eta = 95\%$

Luminaire: EVERFINE CA14219_STRADA-SQ-CY_(CREE_XHP70)
Lamps: 1 x CREE_XHP70_288.639lm@250mA_P=2.69892W_I=0.2499A

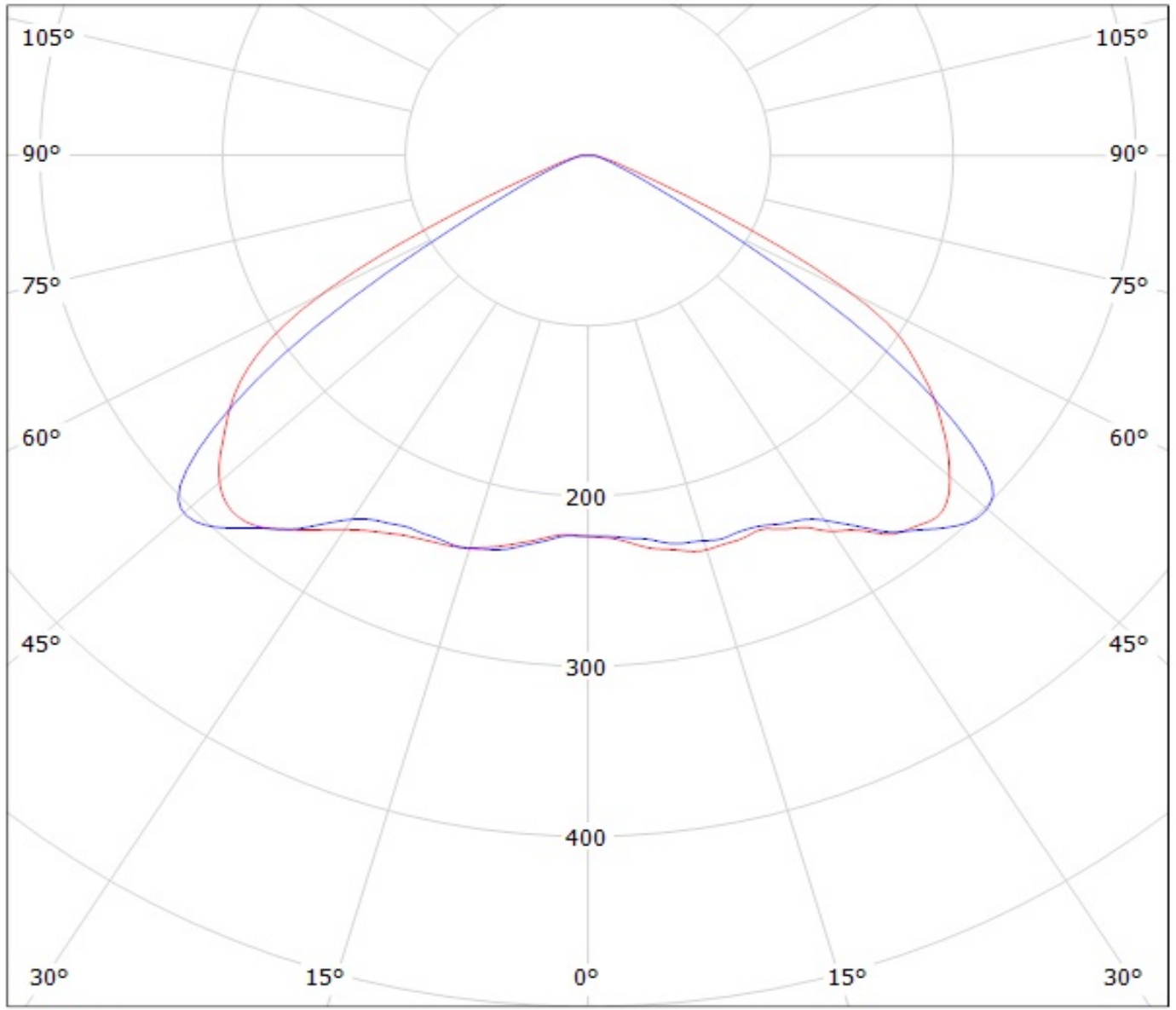


Luminaire: Ledil CA14219_STRADA-SQ-CY_(XP-L2)

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

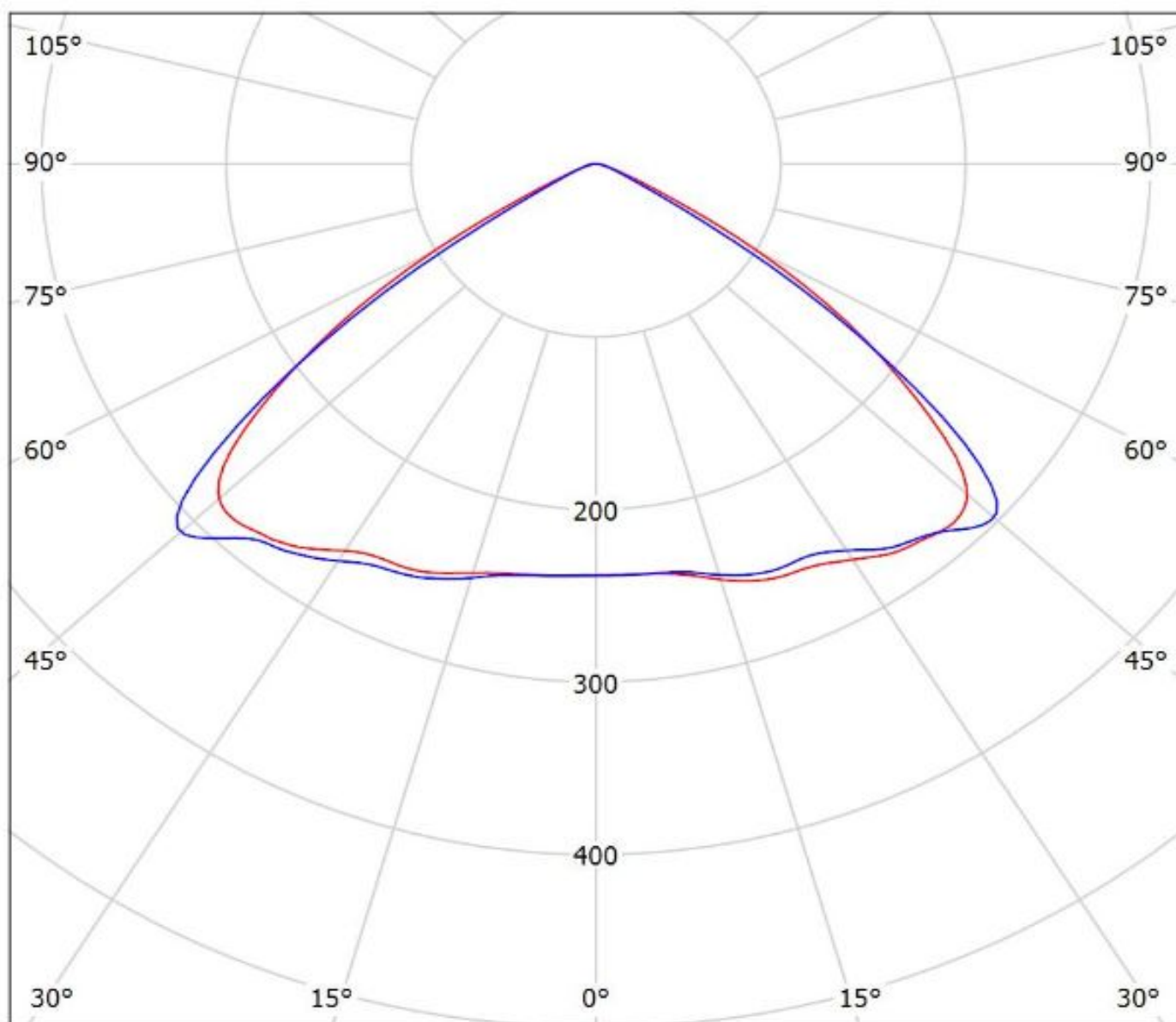


cd/klm

— 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

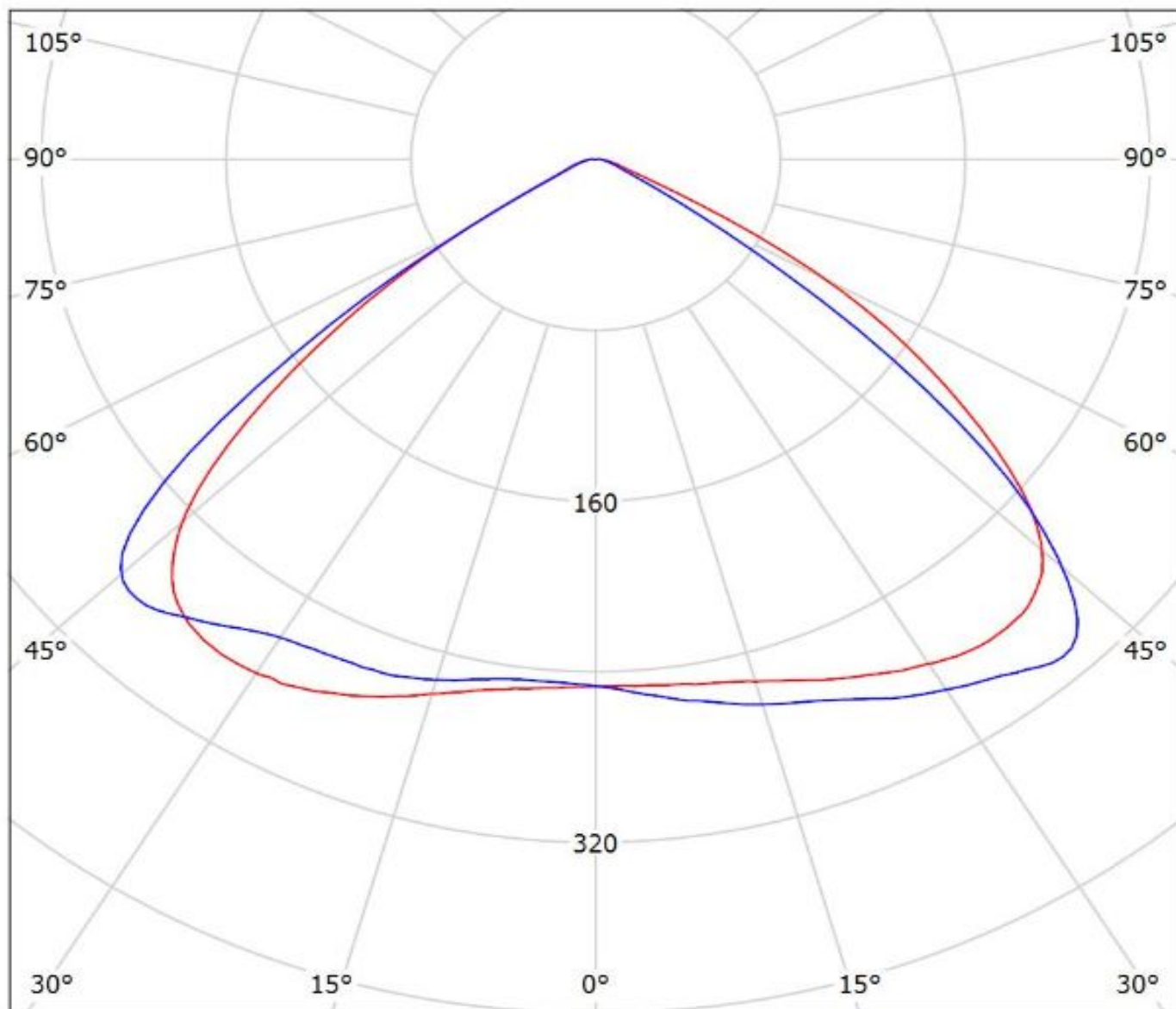
— C0 - C180

— 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.