

DETAILS

Product Number	CA13753_STRADA-SQ-FW
Family	Strada-Forward
Type	Lens
Color	clear
Diameter	25 + 25 mm
Height	15,4 mm
Style	square
Optic Material	PMMA
Holder Material	
Fastening	screw, pin, tape
Status	production ready
ROHS Compliant	Yes
Date Updated	11/01/2016



OPTICAL PROPERTIES

LED	Viewing	Light	Efficiency	cd/lm	Connector
	Angle	Beam			
LUXEON M	Asymmetric deg	Asymmetric	89 %	0.615	-
MK-R	Asymmetric deg	Asymmetric	sim: 89 %	sim: 0.000	-
LUXEON MZ	asymmetric deg	Asymmetric	90 %	0.730	-
XHP50	Asymmetric deg	Asymmetric	92 %	0.670	-
Duris S10	Asymmetric deg	Asymmetric	89 %	0.590	-
LUXEON XR-M linear 1x3, 1x4, 1x5	Asymmetric deg	Asymmetric	90 %	0.620	-
Duris P10	sim: Asym	Asymmetric	sim: 91 %	sim: 1.100	-

D

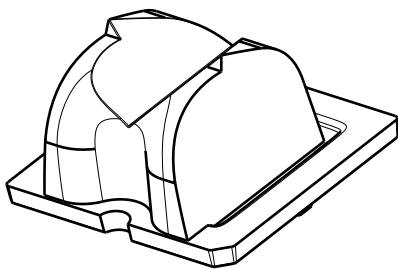
C

B

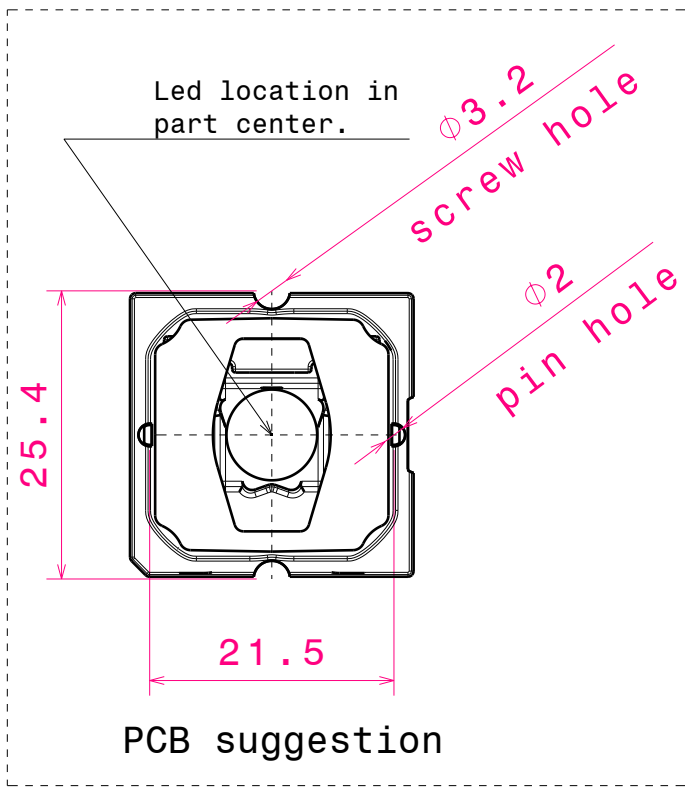
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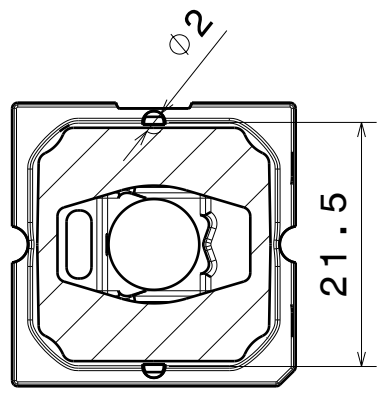
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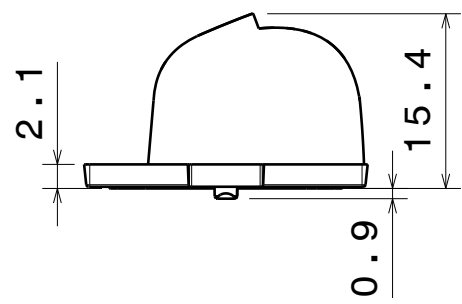
Isometric view



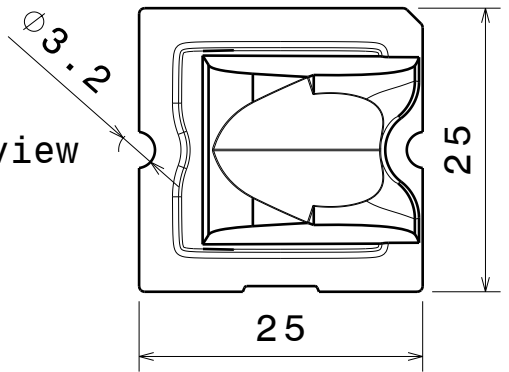
Bottom view



Front view



Top view



3

3

2

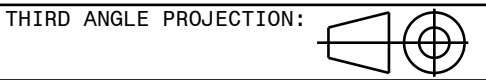
2

INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	CA13753	STRADA-SQ-FW	PMMA / PU double sided tape	

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

CA13753_STRADA-SQ-FW

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SIZE	PART NUMBER
A4	CA13753

SCALE	1:1	WEIGHT	- g	SHEET	1 / 1
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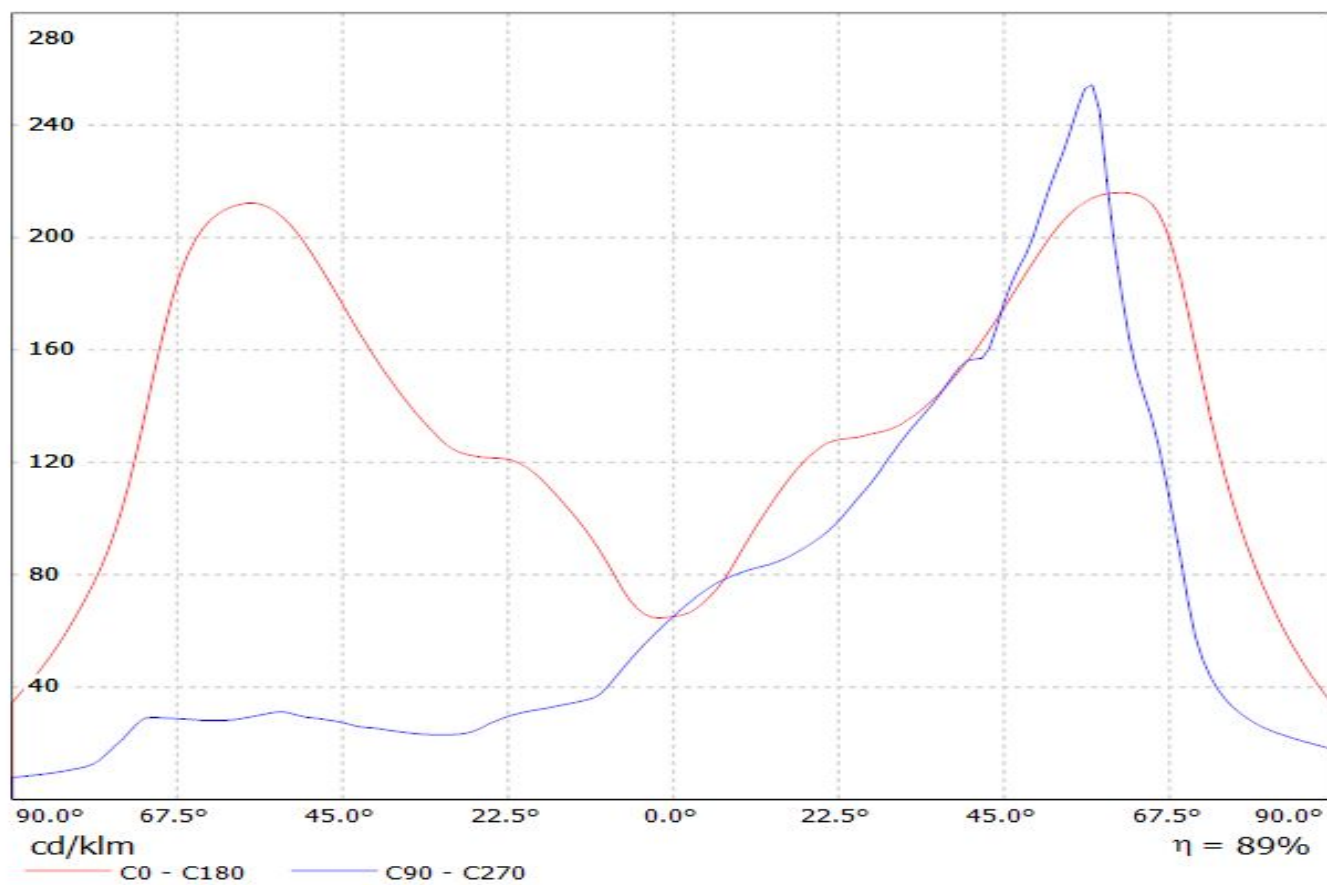
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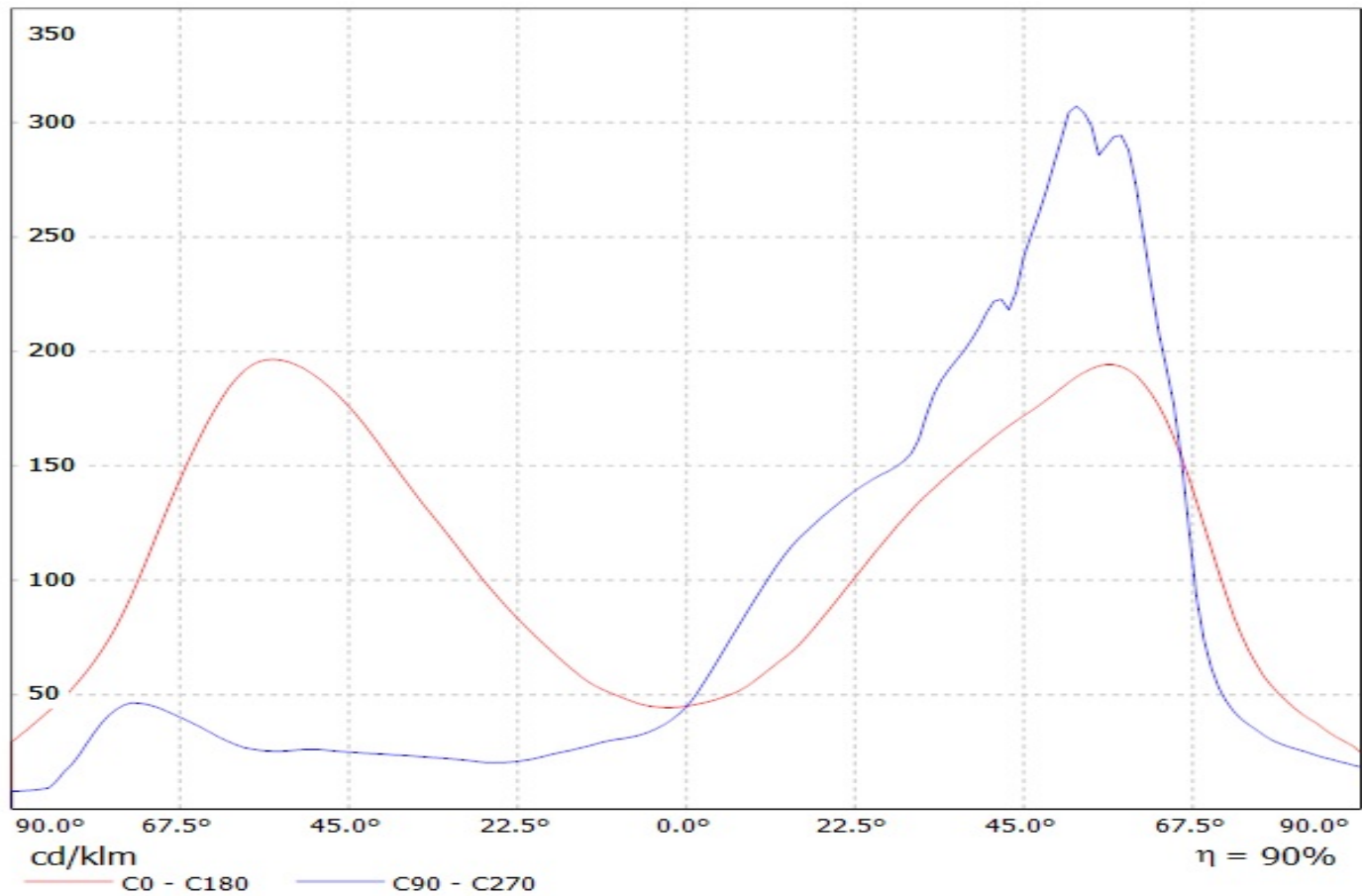
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A

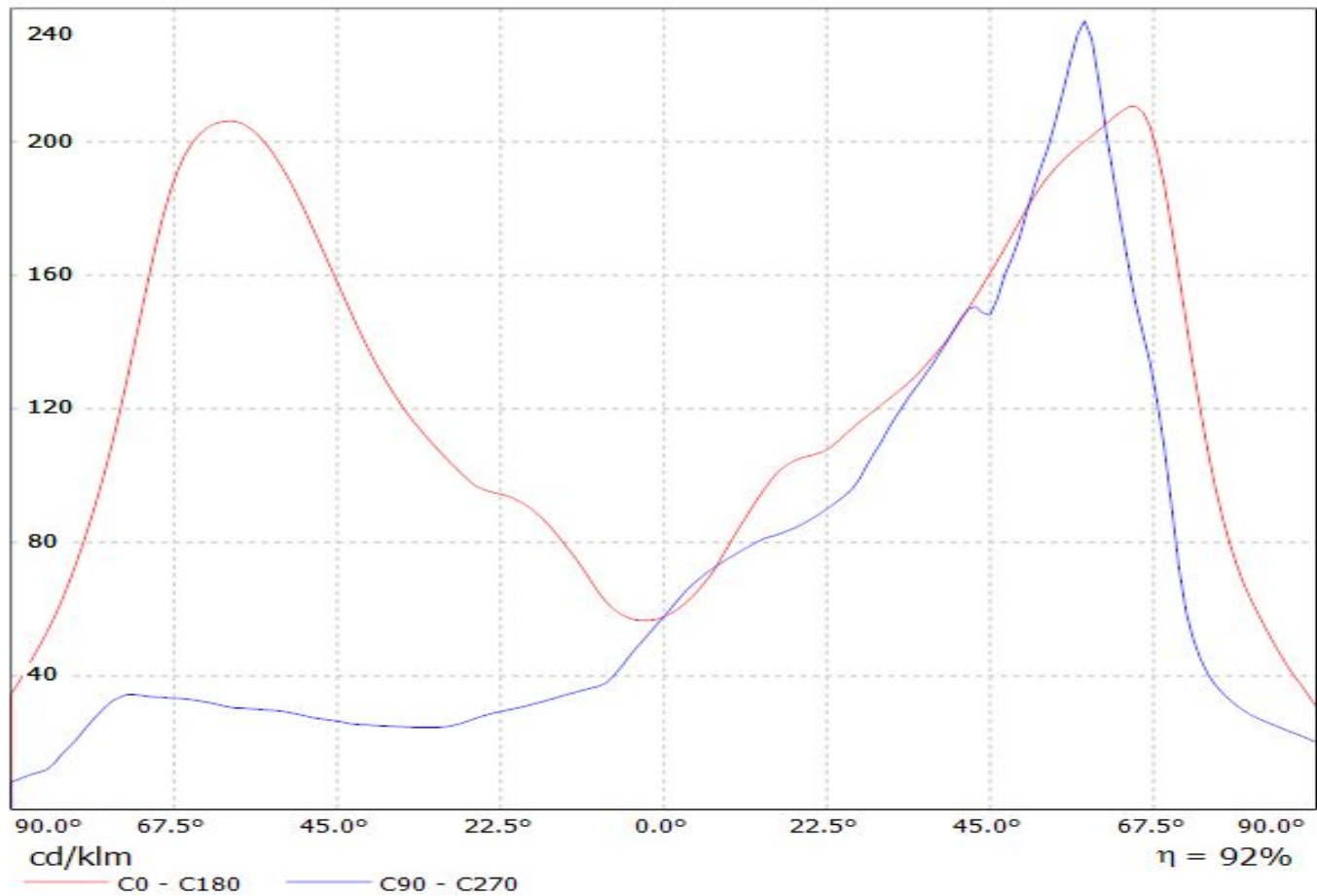
Luminaire: LEDiL Oy CA13753_STRADA-FW_(Luxeon_M)
Lamps: 1 x Luxeon_M_349.375lm@250mA_CCT=4092K_P=2.72866W_I=249.9mA



Luminaire: LEDiL Oy CA13753_STRADA-SQ-FW_(Luxeon_MZ) Eff: 90%
Lamps: 1 x LUXEON-MZ_263.073lm@250mA_P=2.7399W_I=249.9mA

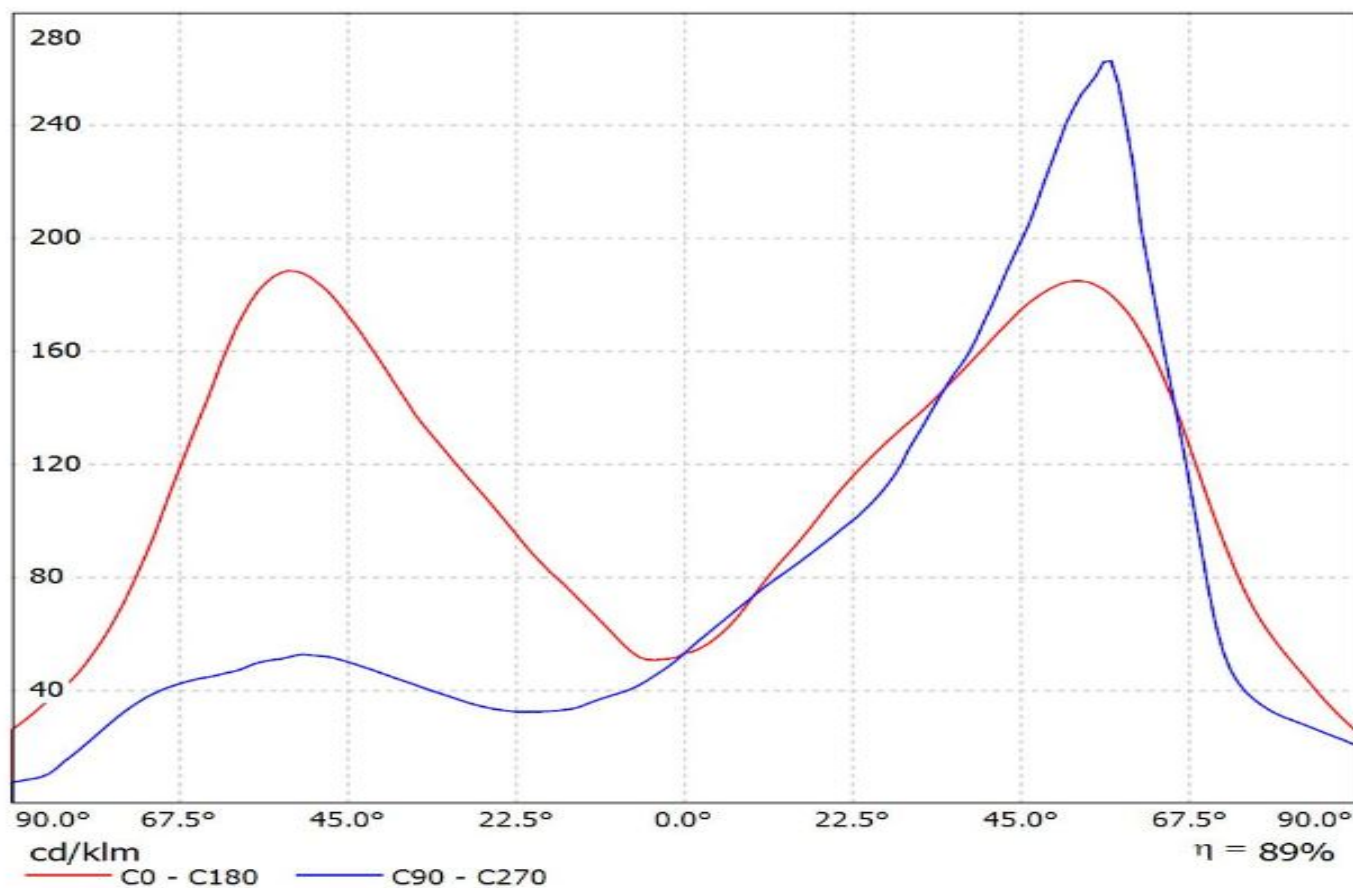


Luminaire: LEDiL Oy CA13753_STRADA-SQ-FW_(XHP50_cool_white)
Lamps: 1 x CREE_XHP50_cool_white_246.221lm@250mA_P=1.42945W_I=249.9mA



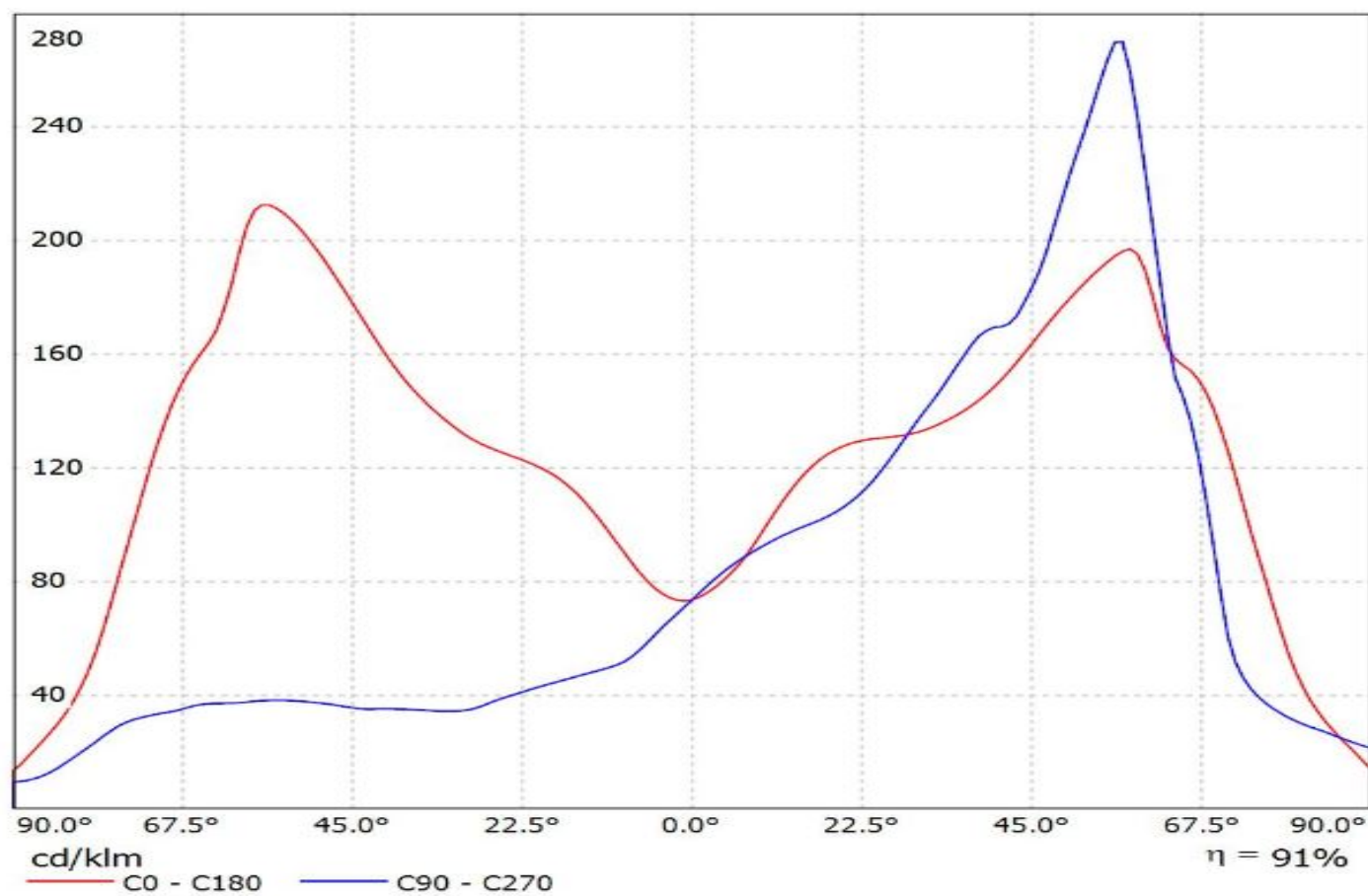
Luminaire: Ledil CA13753_STRADA-SQ-FW_(Duris_S10)

Lamps: 1 x Osram_Duris_S10_(GW-P7LP32.EM)_992.375lm@250mA_P=9.2362W_I=0.25A



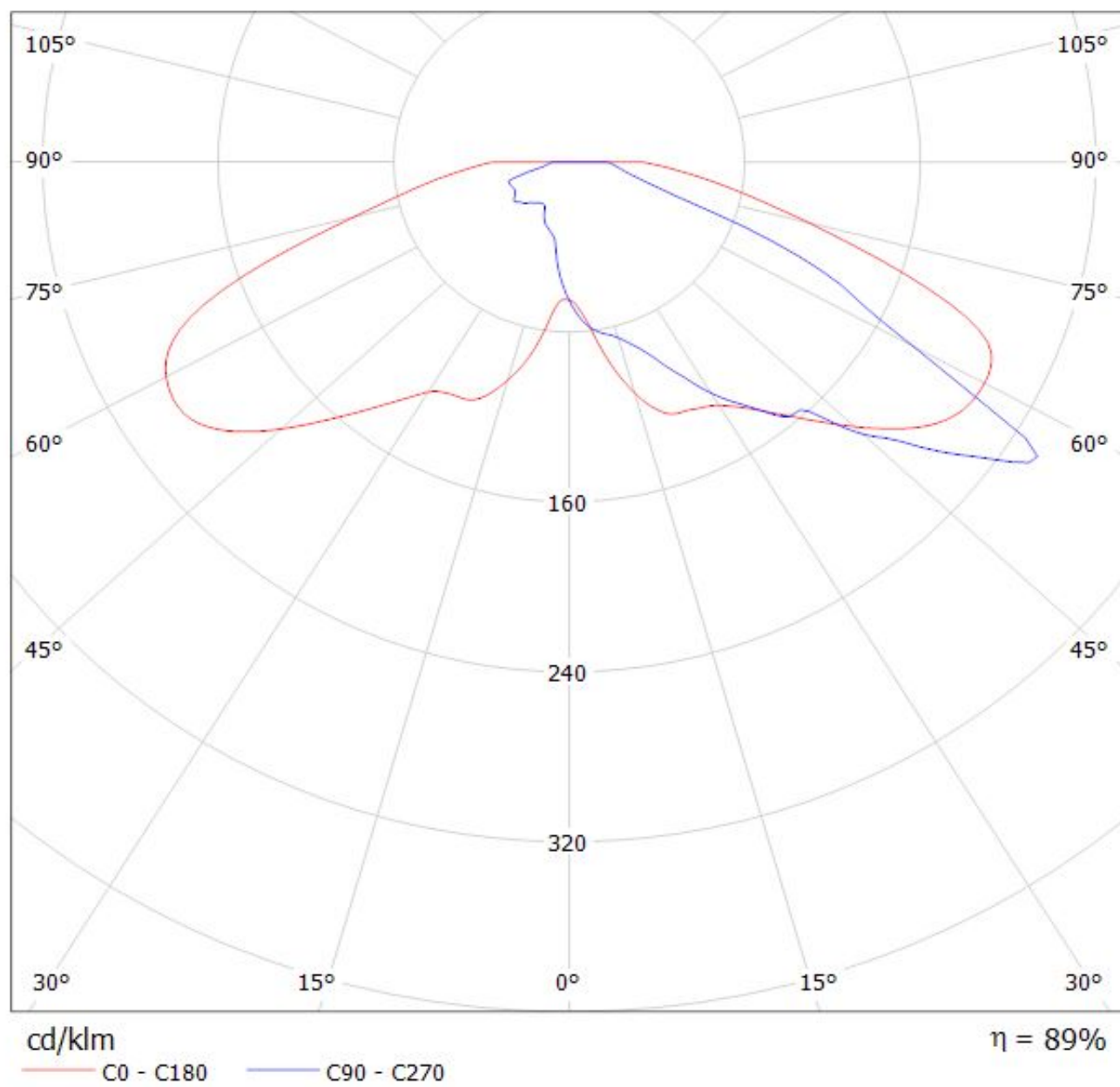
Luminaire: Ledil CA13753_STRADA-SQ-FW_(LUXEON_XR-M_Linear_1x4)

Lamps: 1 x Lumiled_LUXEON_XR-M_Linear_1x4_1798.32lm@250mA_P=11.005W_I=0.25A

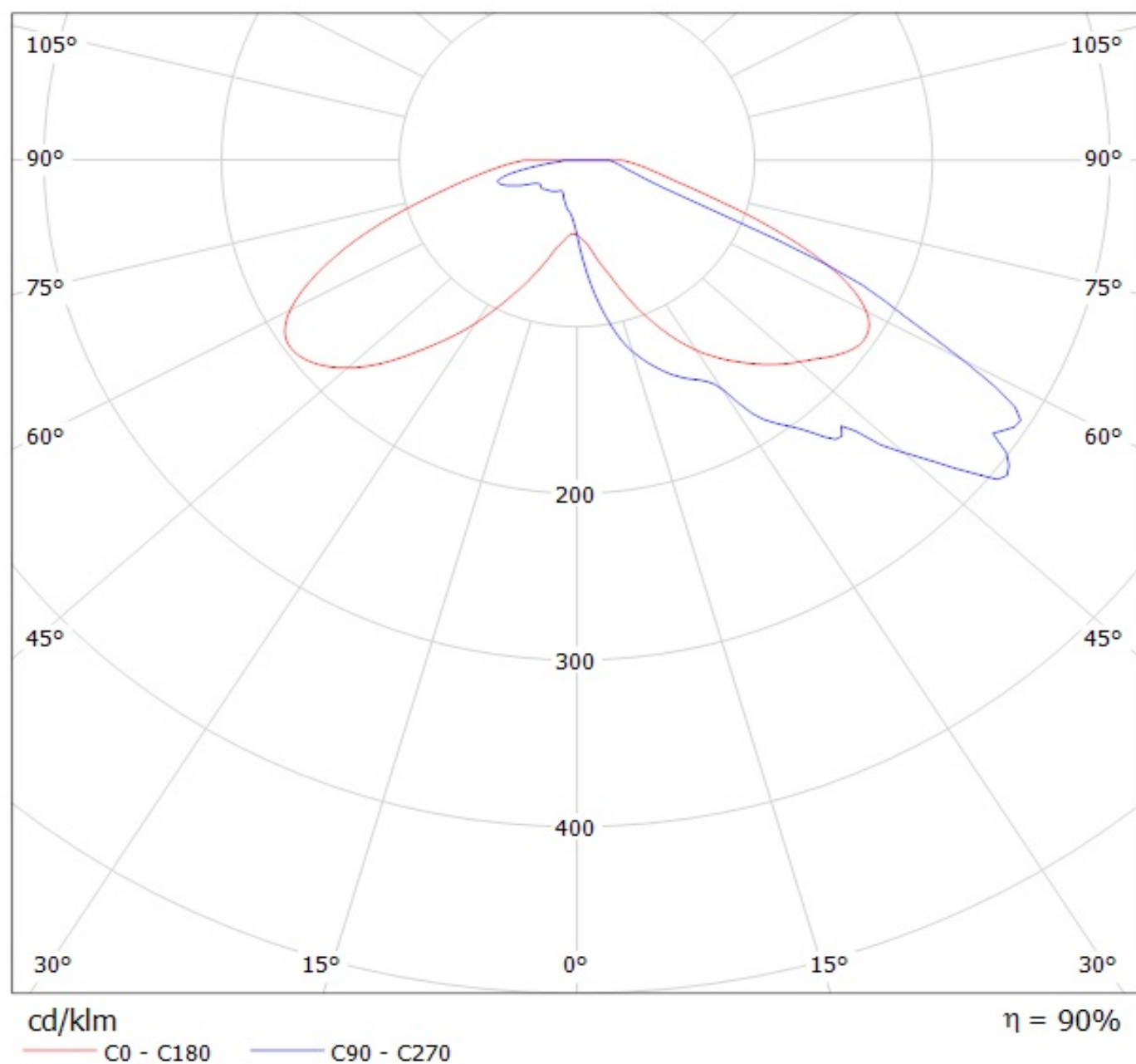


Luminaire: LEDiL Oy CA13753_STRADA-FW_(Luxeon_M)

Lamps: 1 x Luxeon_M_349.375lm@250mA_CCT=4092K_P=2.72866W_I=249.9mA

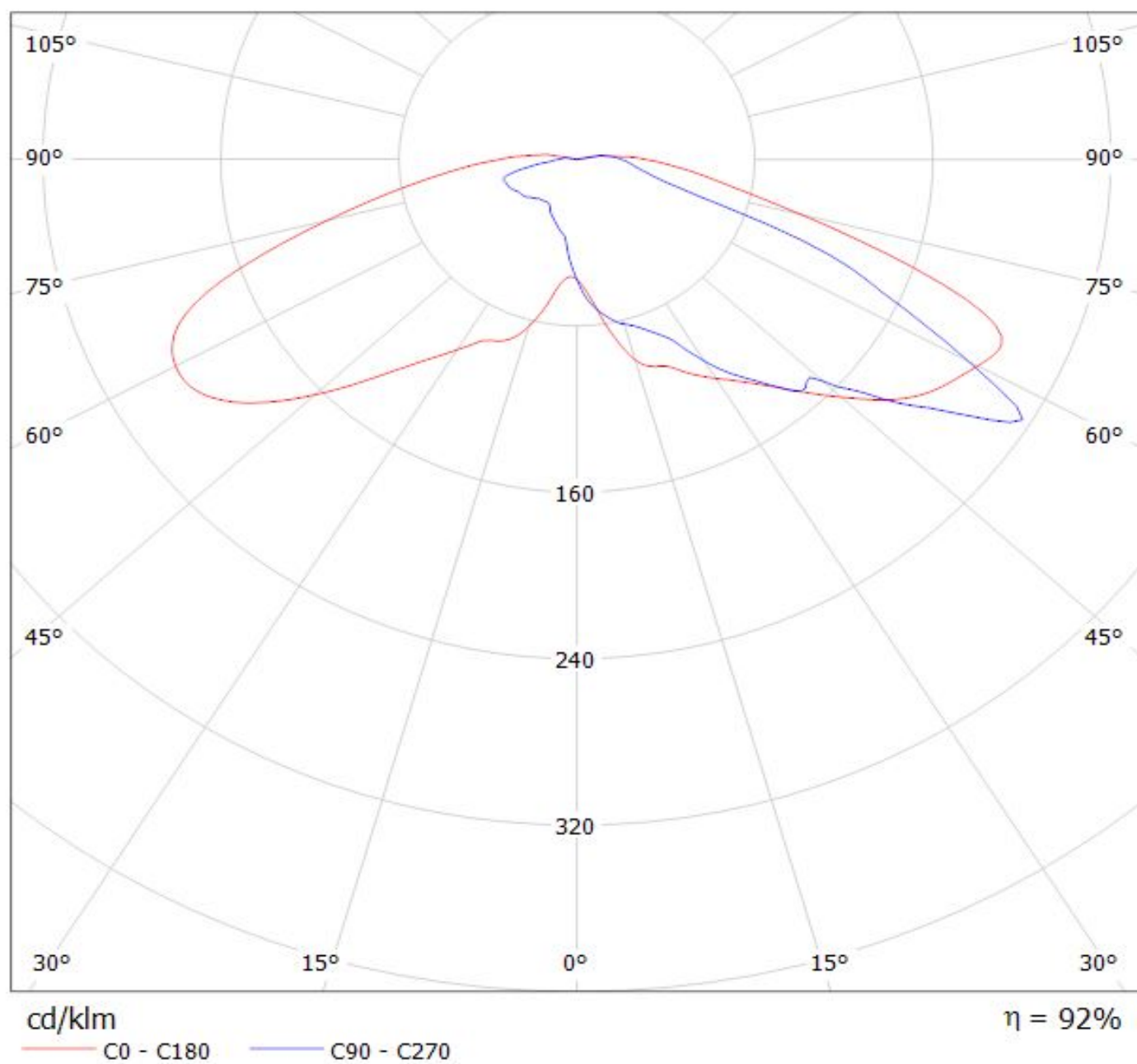


Luminaire: LEDiL Oy CA13753_STRADA-SQ-FW_(Luxeon_MZ) Eff: 90%
Lamps: 1 x LUXEON-MZ_263.073lm@250mA_P=2.7399W_I=249.9mA



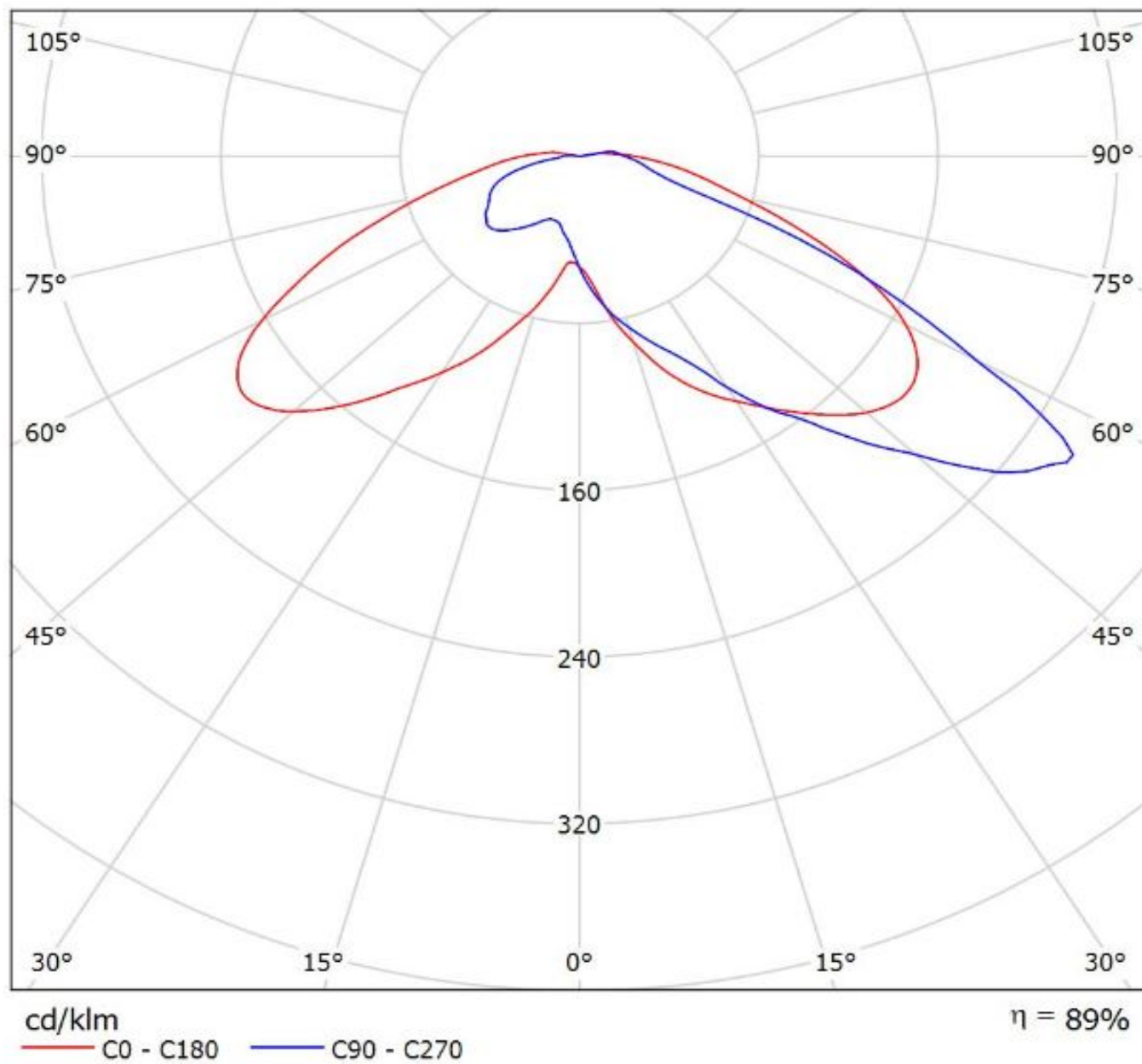
Luminaire: LEDiL Oy CA13753_STRADA-SQ-FW_(XHP50_cool_white)

Lamps: 1 x CREE_XHP50_cool_white_246.221lm@250mA_P=1.42945W_I=249.9mA



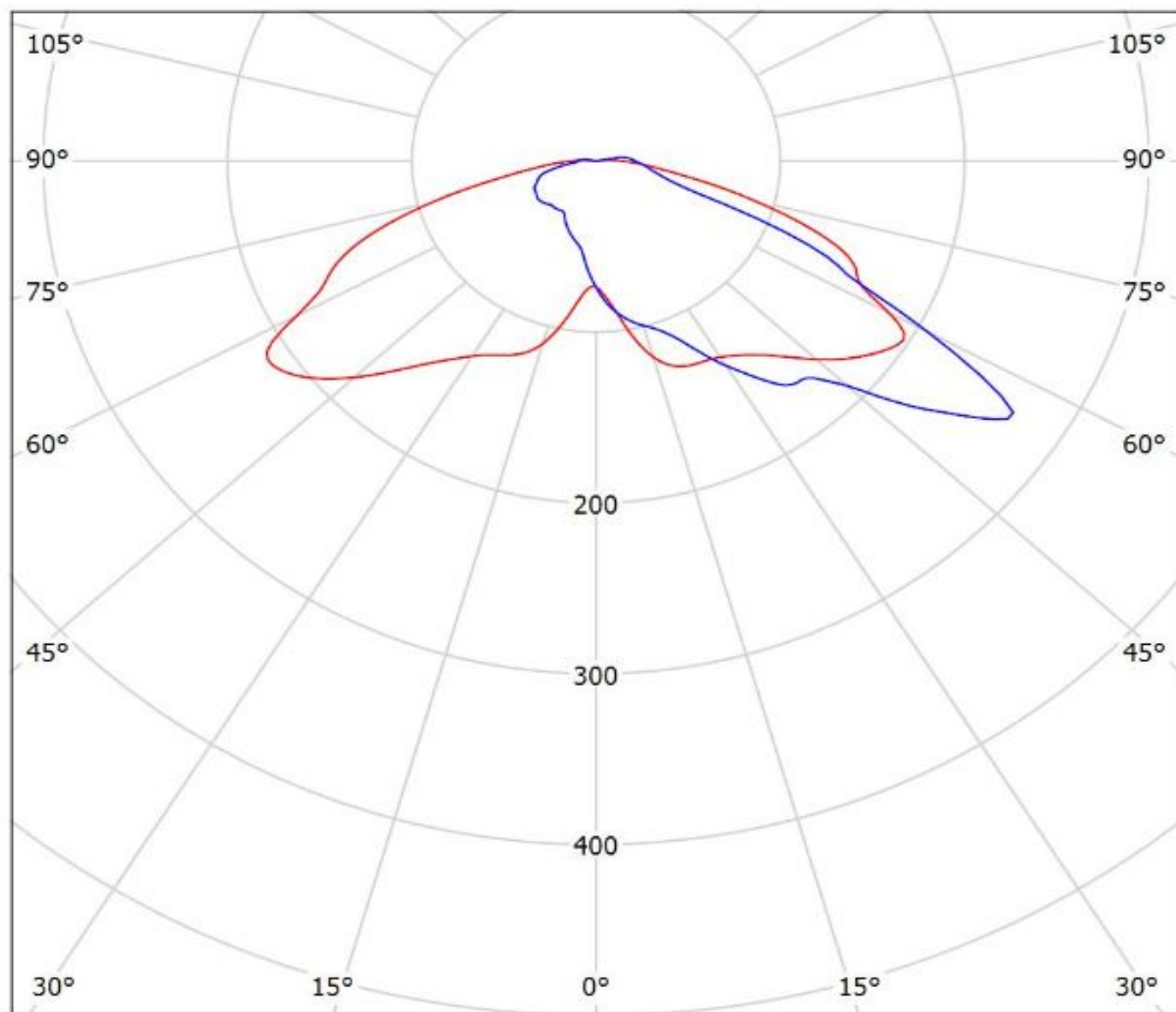
Luminaire: Ledil CA13753_STRADA-SQ-FW_(Duris_S10)

Lamps: 1 x Osram_Duris_S10_(GW-P7LP32.EM)_992.375lm@250mA_P=9.2362W_I=0.25A



Luminaire: Ledil CA13753_STRADA-SQ-FW_(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

$\eta = 91\%$

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.