

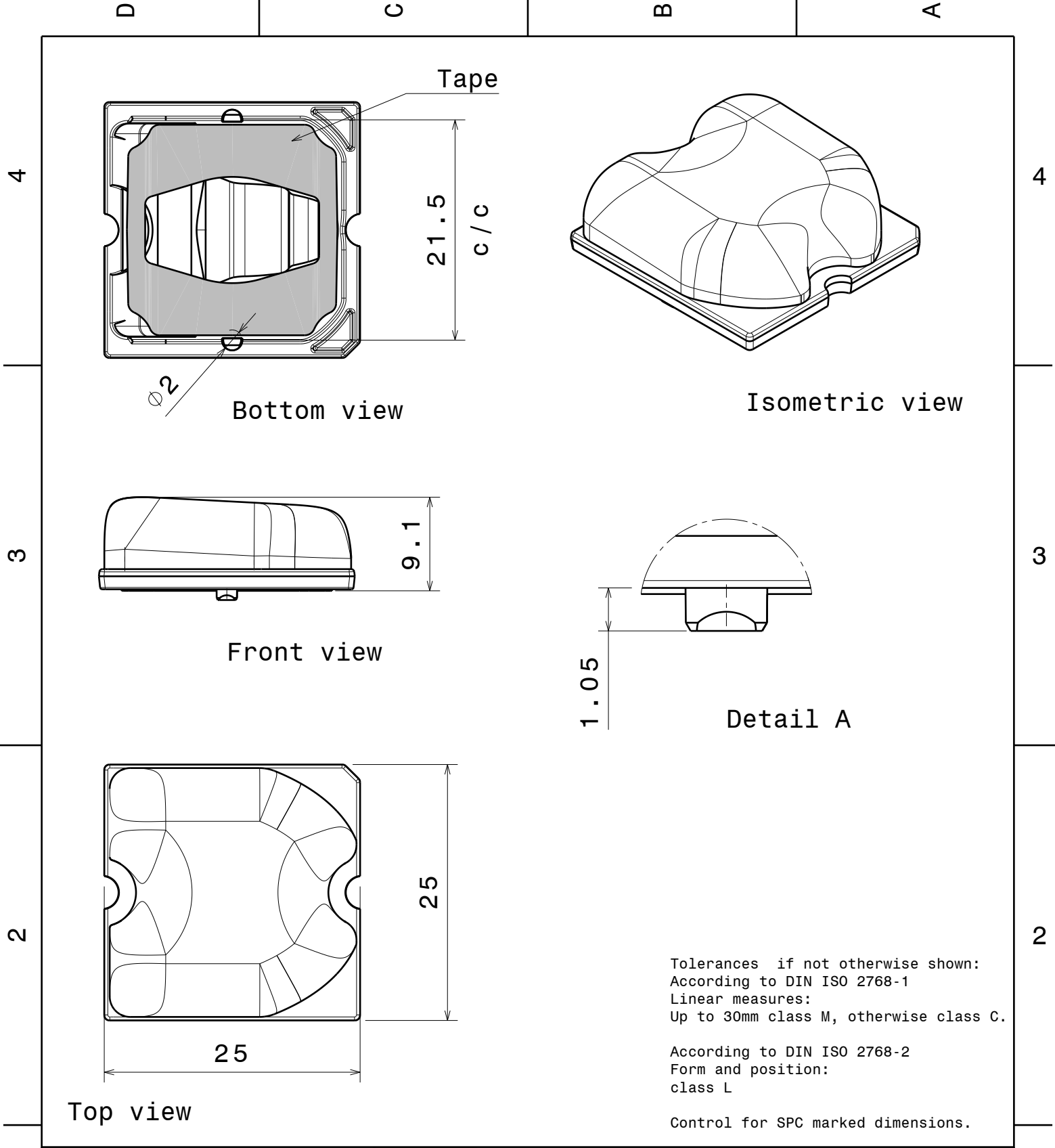
DETAILS

Product Number	CA13119_STRADA-SQ-A-T
Family	Strada
Type	Assembly
Color	clear
Diameter	25 + 25 mm
Height	9,1 mm
Style	square
Optic Material	PMMA
Holder Material	
Fastening	pin, tape, screw
Status	production ready
ROHS Compliant	Yes
Date Updated	21/09/2016

OPTICAL PROPERTIES

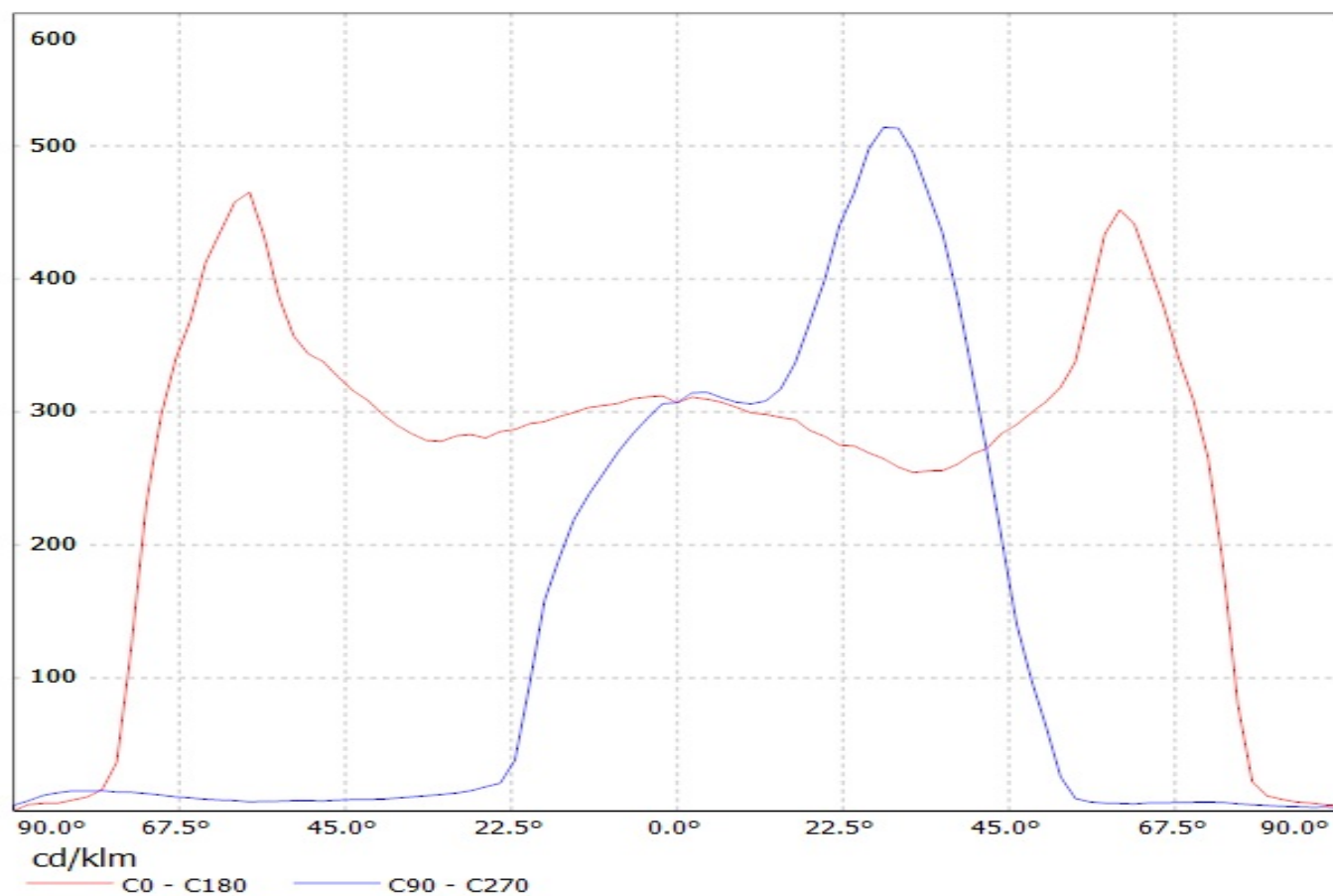
LED	Viewing Angle	Light Beam	Efficiency	cd/lm	Connector
XM-L	Asymmetric deg	Streetligh...	93 %	0.300	-
XM-L2	asymmetric deg	Streetligh...	94 %	0.700	-
XP-L	Asymmetric deg	Streetligh...	93 %	0.700	-
XHP50	Asymmetric deg	Streetligh...	94 %	0.580	-
XP-L2	Asymmetric deg	Streetligh...	93 %	0.640	-
LUXEON M/MX	Asymmetric deg	Streetligh...	93 %	0.300	-
LUXEON T	Asymmetric deg	Streetligh...	92 %	0.900	-
LUXEON MZ	asymmetric deg	Streetligh...	93 %	0.800	-
LUXEON TX	Asymmetric deg	Streetligh...	94 %	0.880	-
LUXEON XR-M linear 1x3, 1x4, 1x5	Asymmetric deg	Streetligh...	94 %	0.540	-
NS9x383	Asymmetric deg	Streetligh...	92 %	0.700	-
NV4x144A	Asymmetric deg	Streetligh...	93 %	0.580	-
NVSxx19B/NVSxx19C	sim: Asym	Streetligh...	sim: 90 %	-	-
Duris S10	Asymmetric deg	Streetligh...	93 %	0.580	-



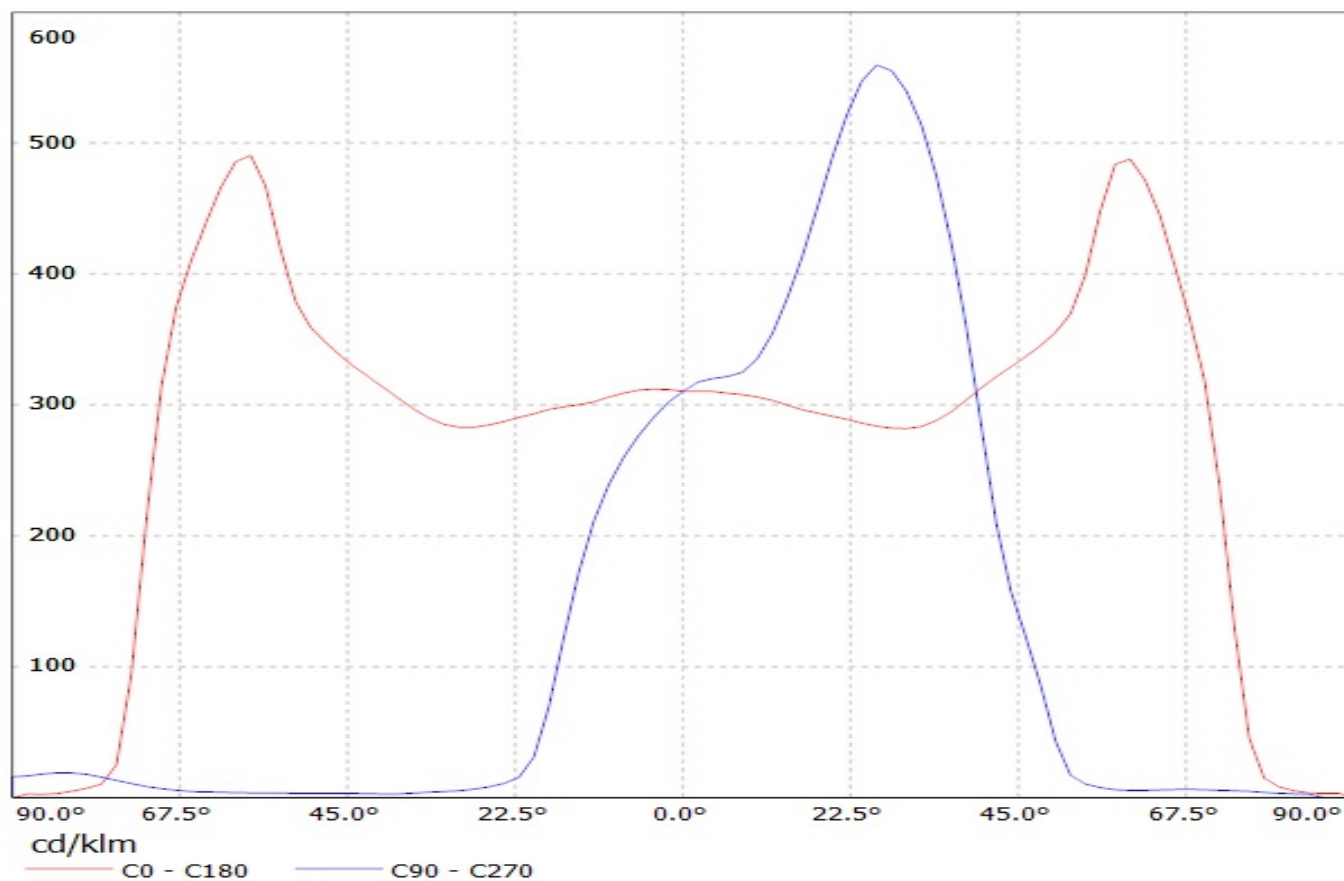


This drawing is our property. It can't be reproduced or communicated without our written agreement.		LEDiL		Ledil Oy Salorankatu 10 FIN 24240 SALO Finland	
DRAWN BY as		DATE 25.9.2012		DRAWING TITLE Mechanical drawing	
CHECKED BY VS		DATE -		STRADA-SQ-A-T	
DESIGNED BY -		DATE -		REV 001	
		SIZE A4		PART NUMBER	
		SCALE 2:1		WEIGHT 4,80 g	
				SHEET 1 / 1	

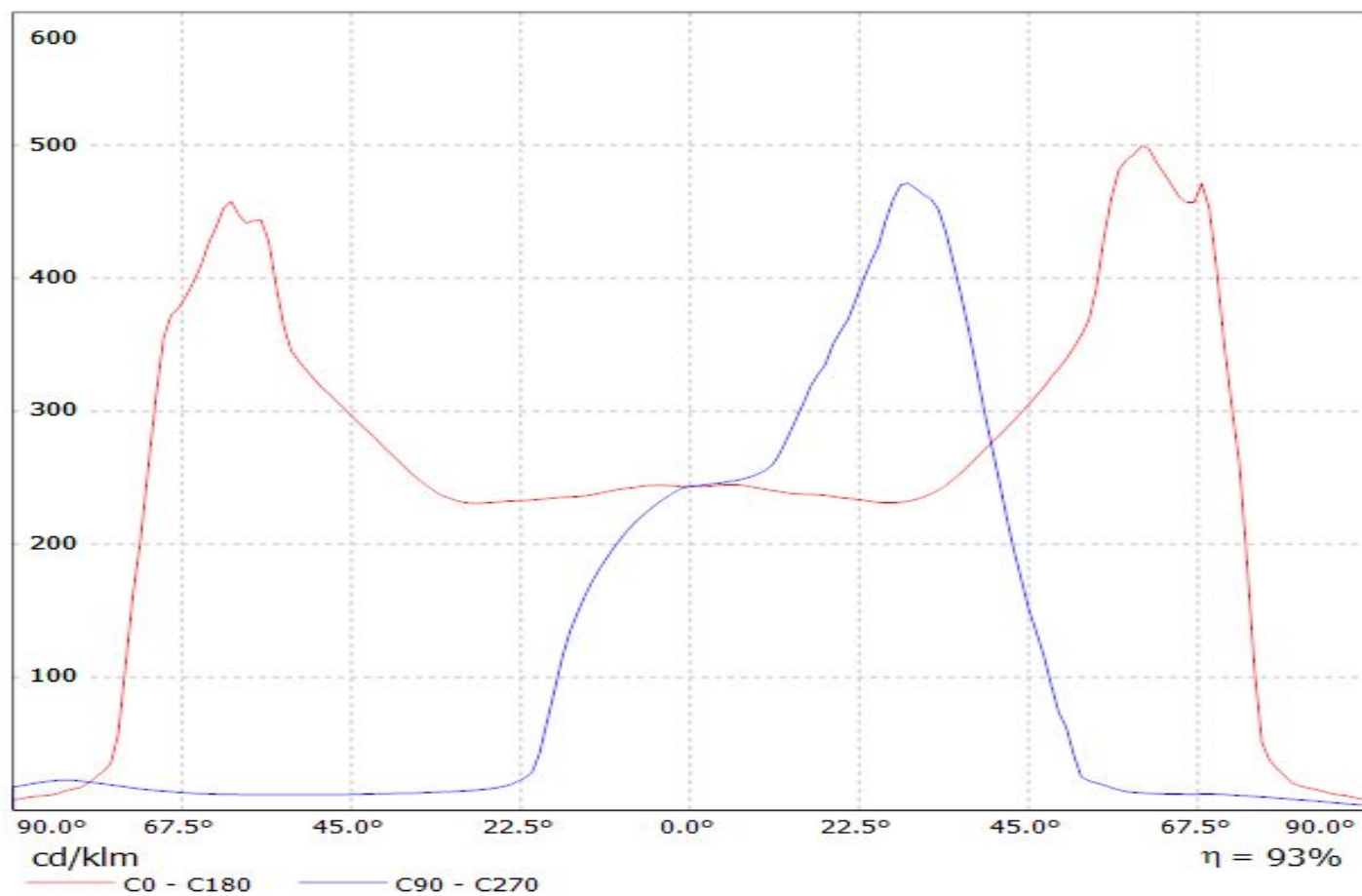
Luminaire: LEDiL Oy C13118_ & _CA13119_STRADA-SQ-A-T-XML (Cree XM-L 84lm@250mA) Efficiency=93%
Lamps: 1 x Cree XM-L (84lm@250mA)



Luminaire: LEDil Oy CA13119_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

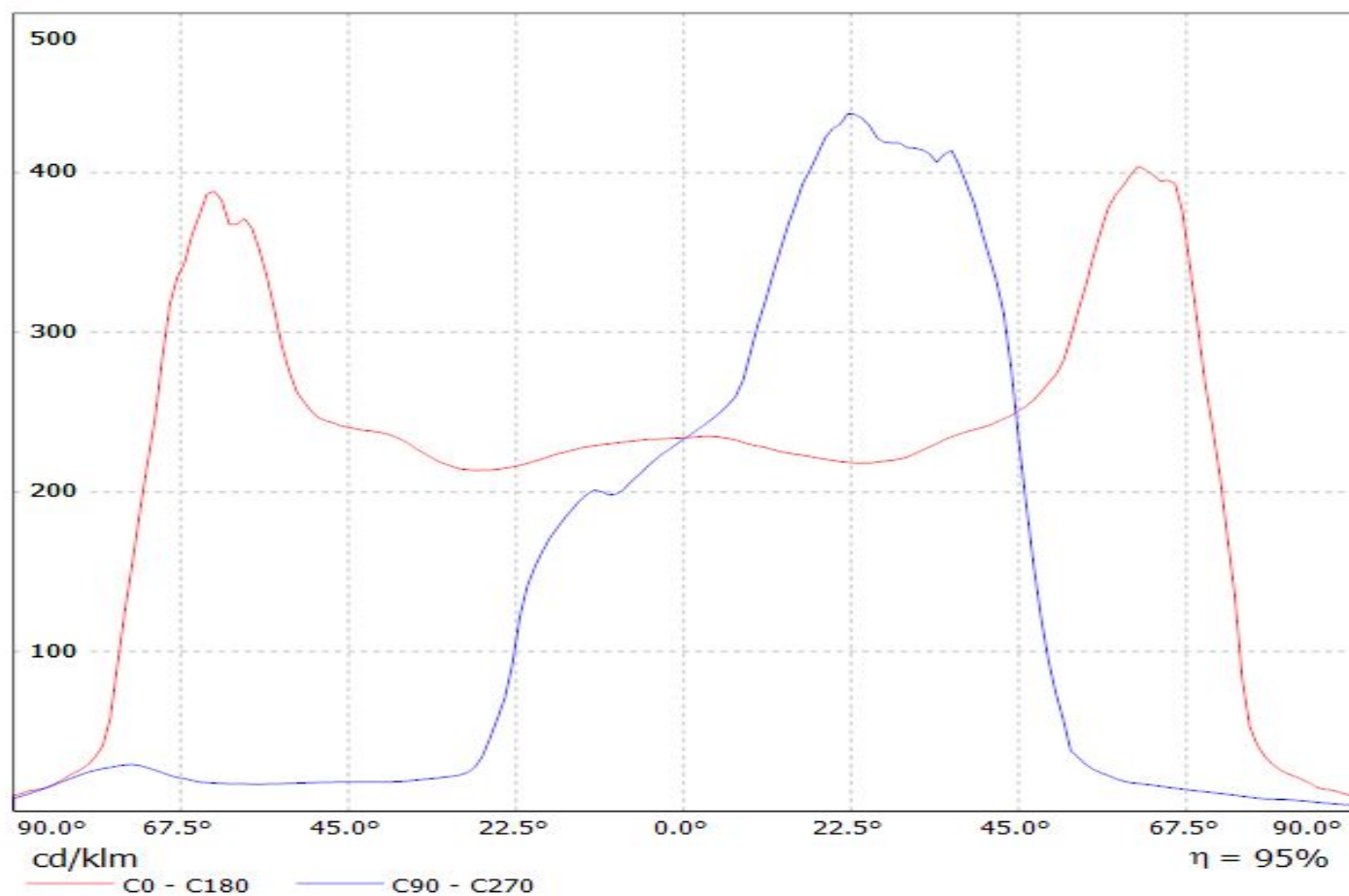


Luminaire: LEDiL Oy CA13119_STRADA-SQ-A-T_(XP-L)
Lamps: 1 x Cree_XP-L_125.584lm@250mA_P=0.738255W_I=249.9mA



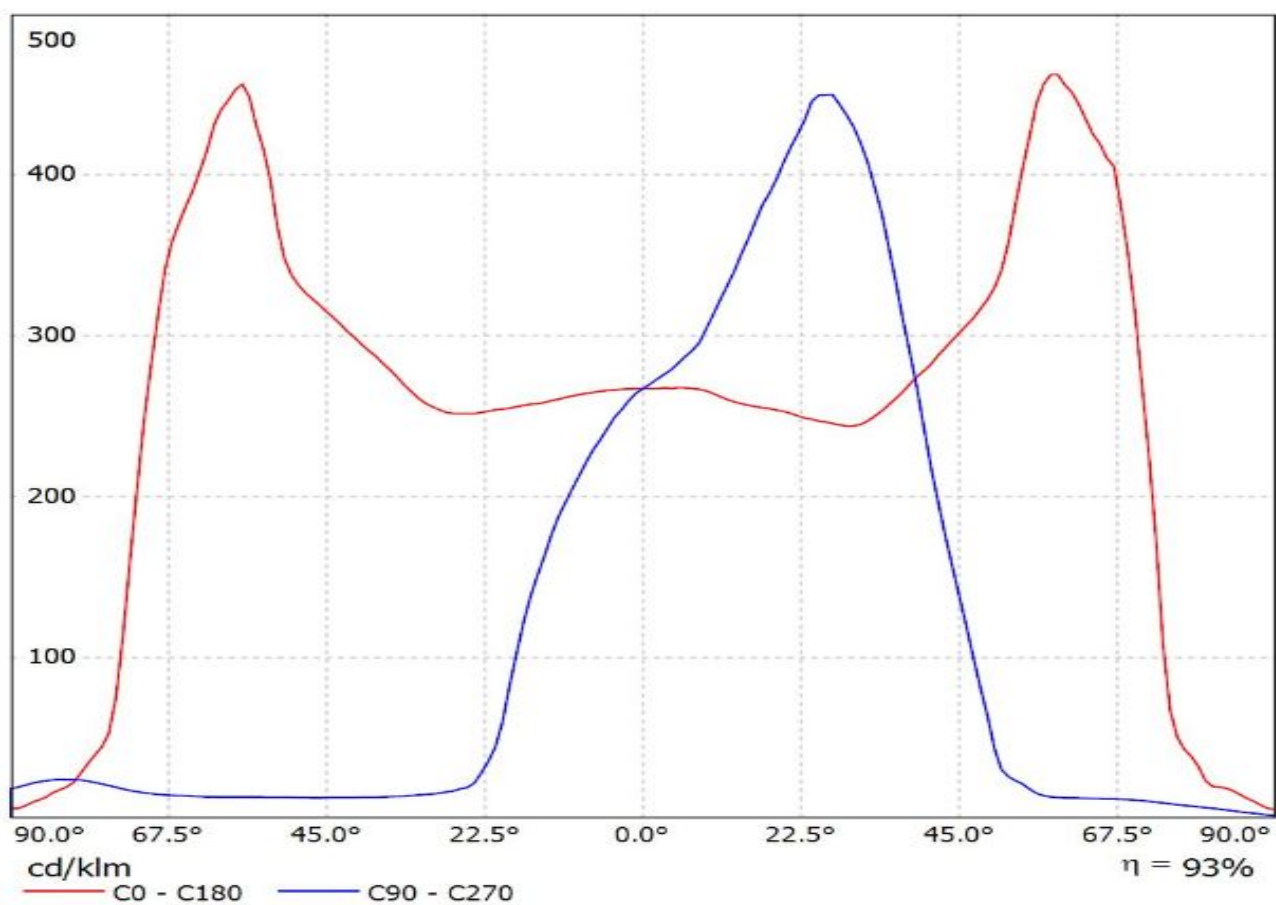
Luminaire: LEDiL Oy CA13119_STRADA-SQ-A-T_(XHP50_cool_white)

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

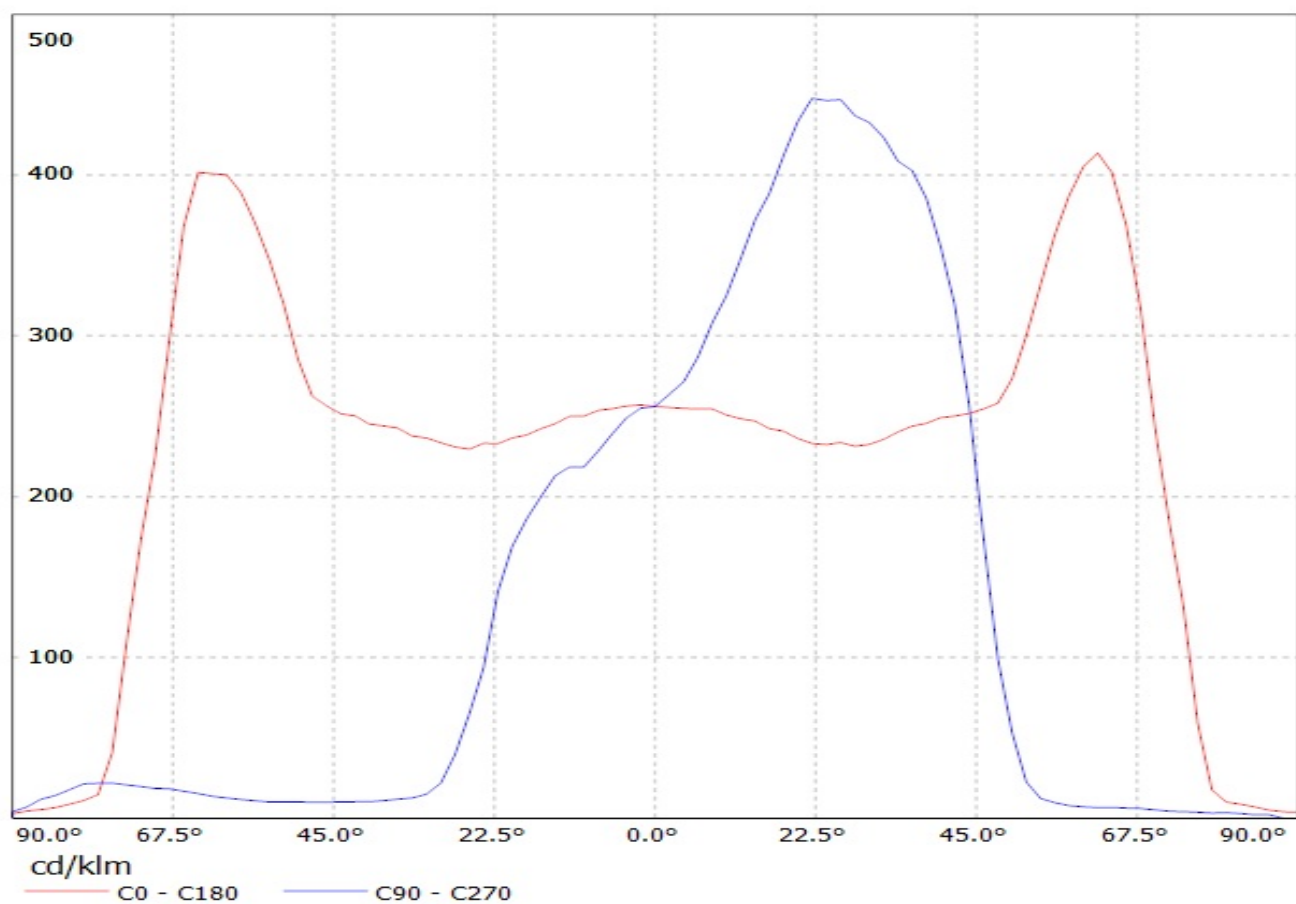


Luminaire: Ledil CA13119_STRADA-SQ-A-T_(XP-L2)

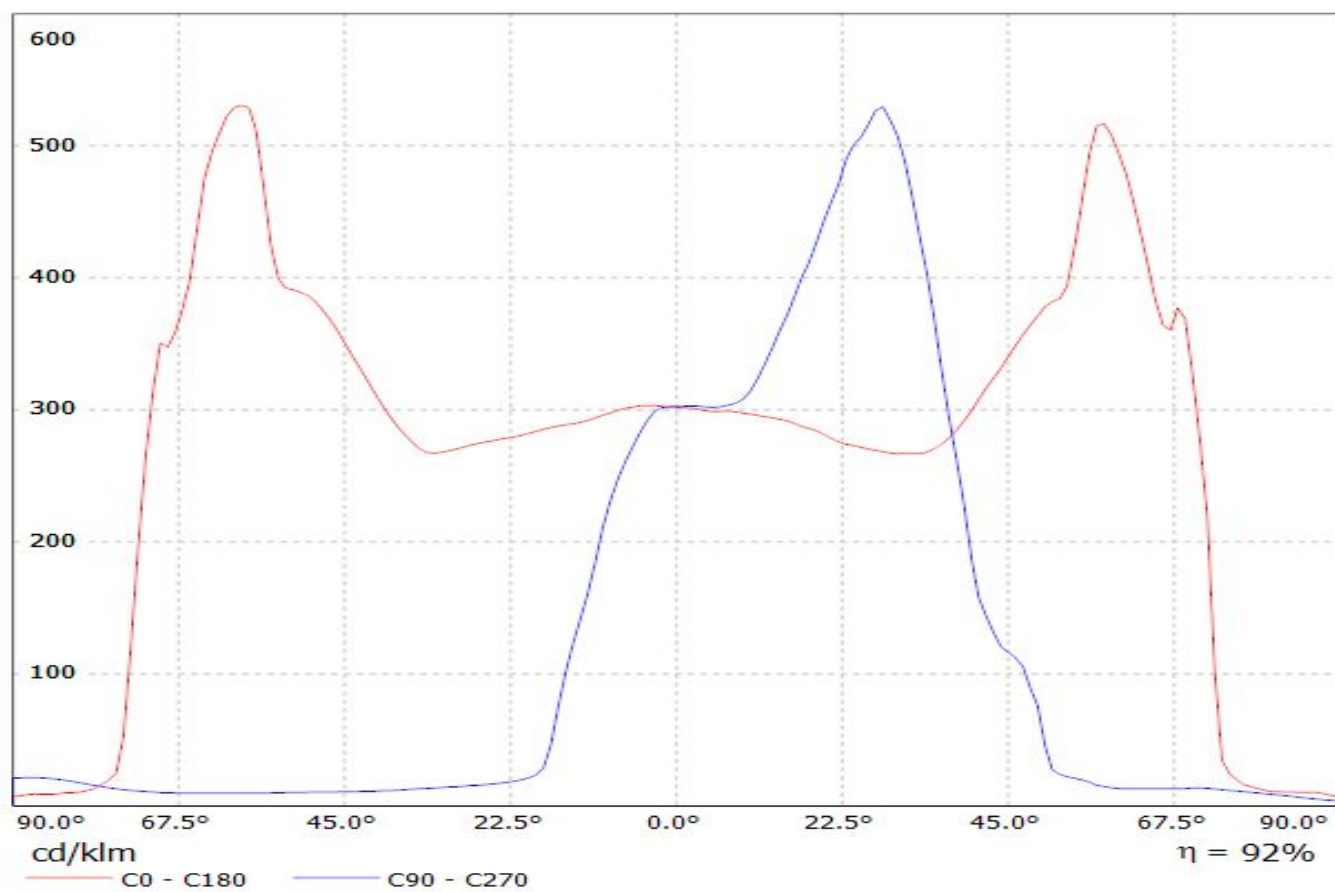
Lamps: 1 x Cree_XP-L2_(XPLWT-00-0000-000HU630G)_115.868lm@250mA_P=0.717875W_I=0.25A



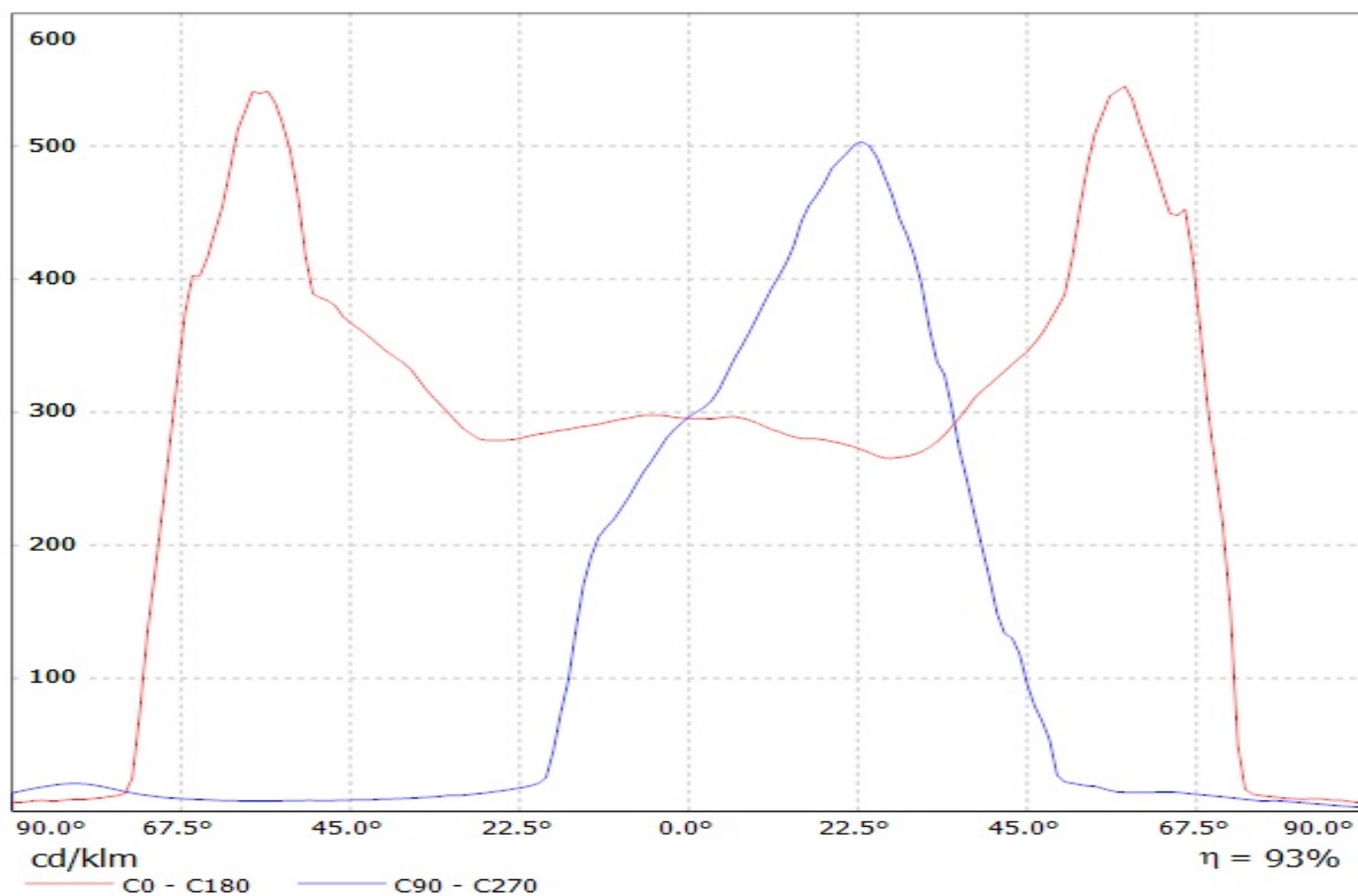
Luminaire: LEDiL Oy C13118_ & CA13119_STRADA-SQ-A-T-LuxM (Luxeon M 362lm @ 250mA) Efficiency=93%
Lamps: 1 x Luxeon M 362lm @ 250mA



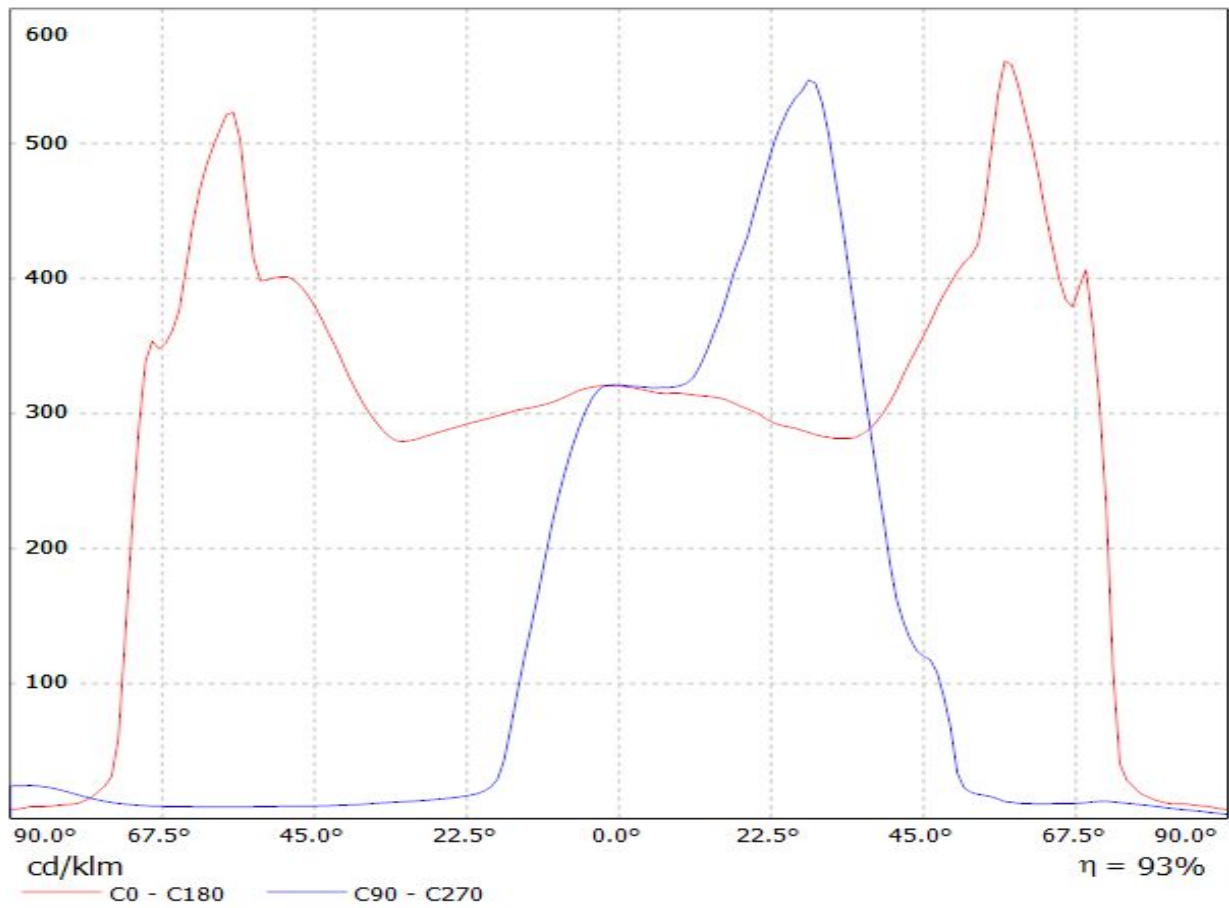
Luminaire: LEDiL Oy CA13119_STRADA-SQ-AT_(LUXEON_T)_2 Eff.92.3%
Lamps: 1 x LUXEON_T (74lm@250mA)



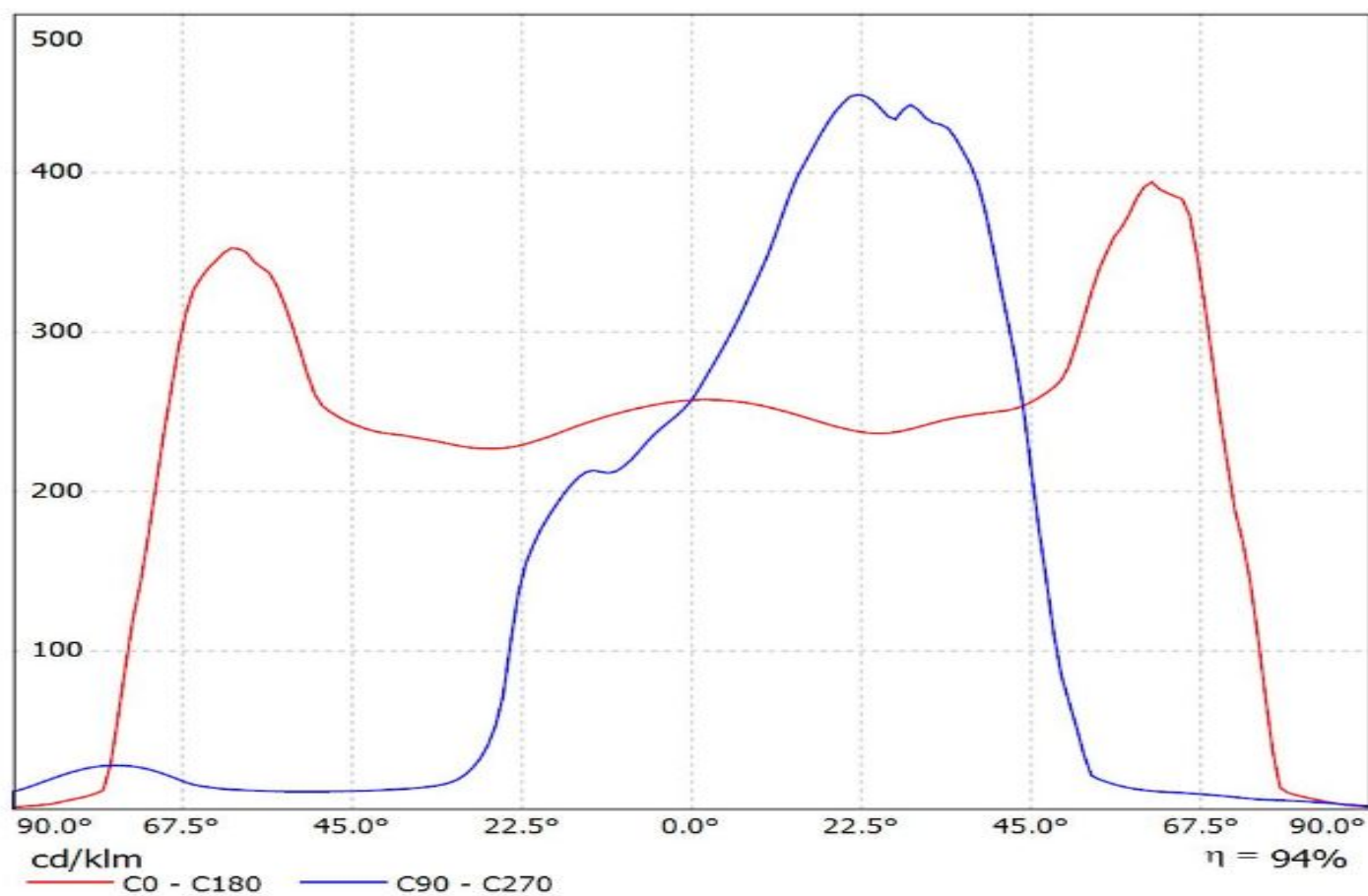
Luminaire: LEDiL Oy CA13119_STRADA-SQ-A-T_(LUXEON-MZ) Eff.93.0%
Lamps: 1 x LUXEON-MZ_263.073lm@250mA_P=2.7399W_I=249.9mA



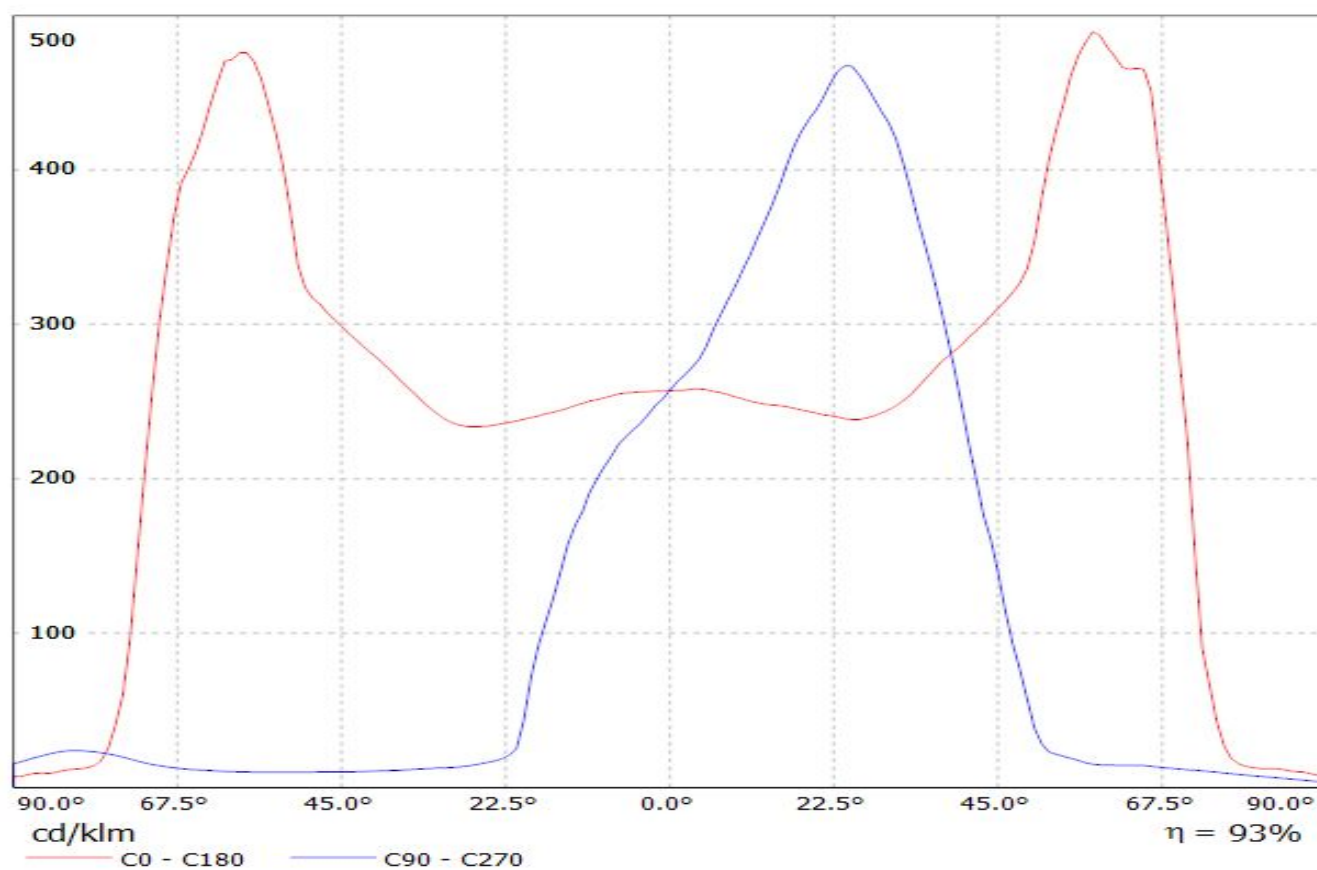
Luminaire: LEDiL Oy CA13119_STRADA-SQ-A-T_(Luxeon_TX) Eff.93.5%
Lamps: 1 x Luxeon_TX_(L1T2-3585)_80.2531lm@250mA_CCT=3500K_P=0.730933W_I=249.9mA



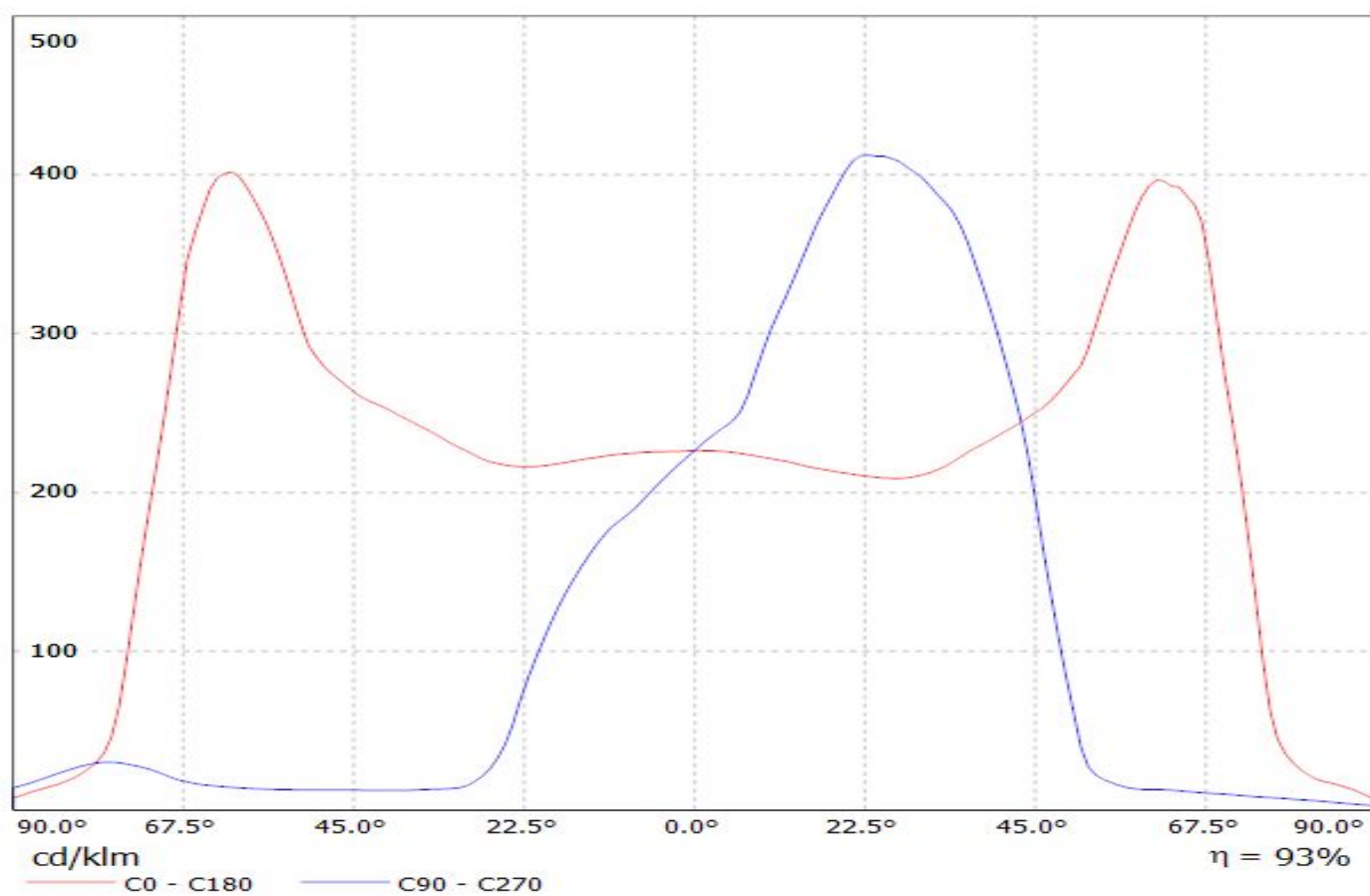
Luminaire: Ledil CA13119_STRADA-SQ-A-T_(LUXEON_XR-M_Linear_1x4)
Lamps: 1 x Lumiled_LUXEON_XR-M_Linear_1x4_1798.32lm@250mA_P=11.005W_I=0.25A



Luminaire: LEDiL Oy CA13119_STRADA-SQ-A-T_(NS9x383) Eff. 93,3%
Lamps: 1 x Nichia NS9x383 (105lm@250mA)

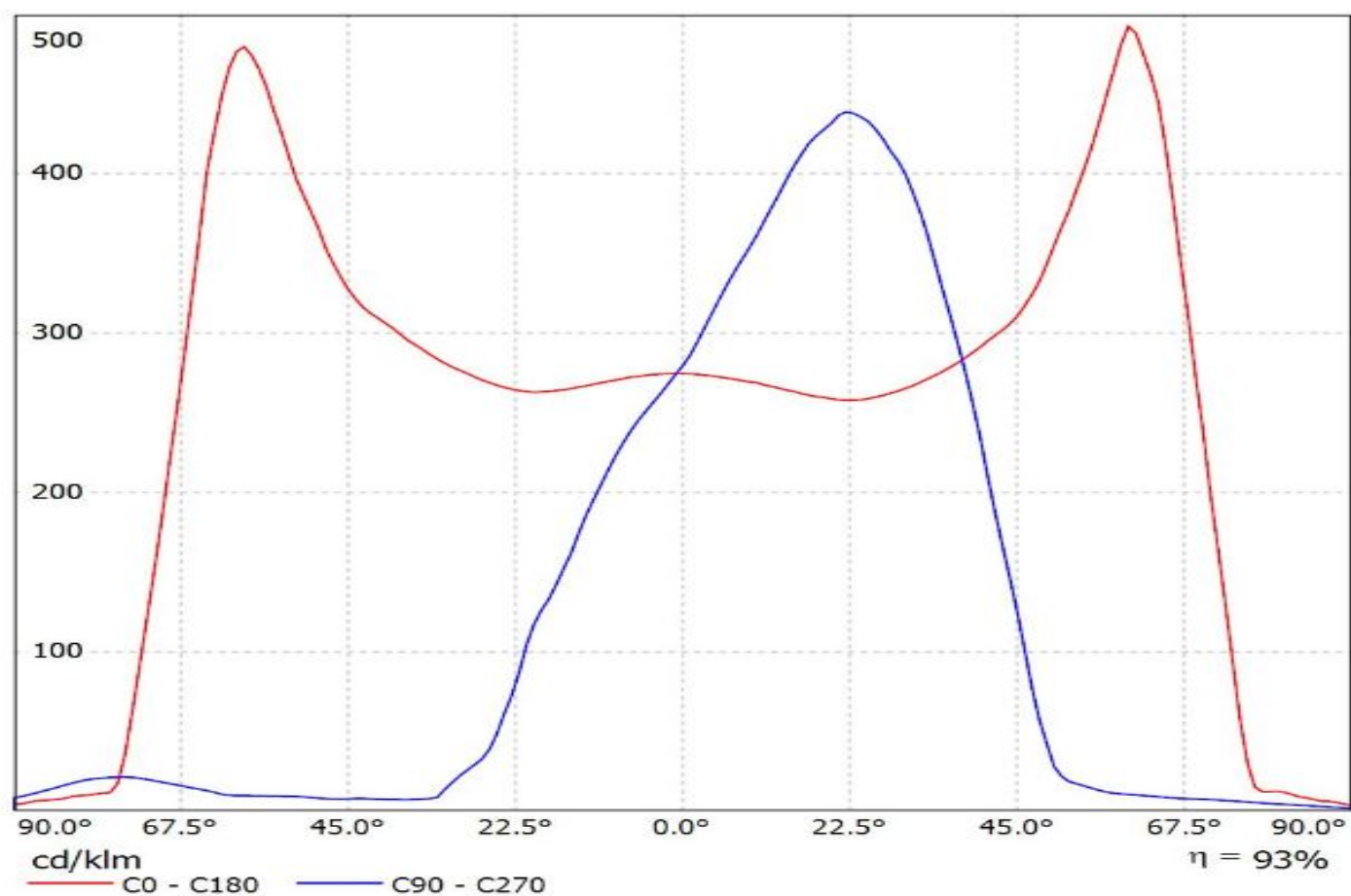


Luminaire: LEDiL Oy CA13119_STRADA-SQ-A-T_(NV4x144A)
Lamps: 1 x Nichia_NV4x144A_477.334lm@250mA_P=2.8030W_I=0.250A

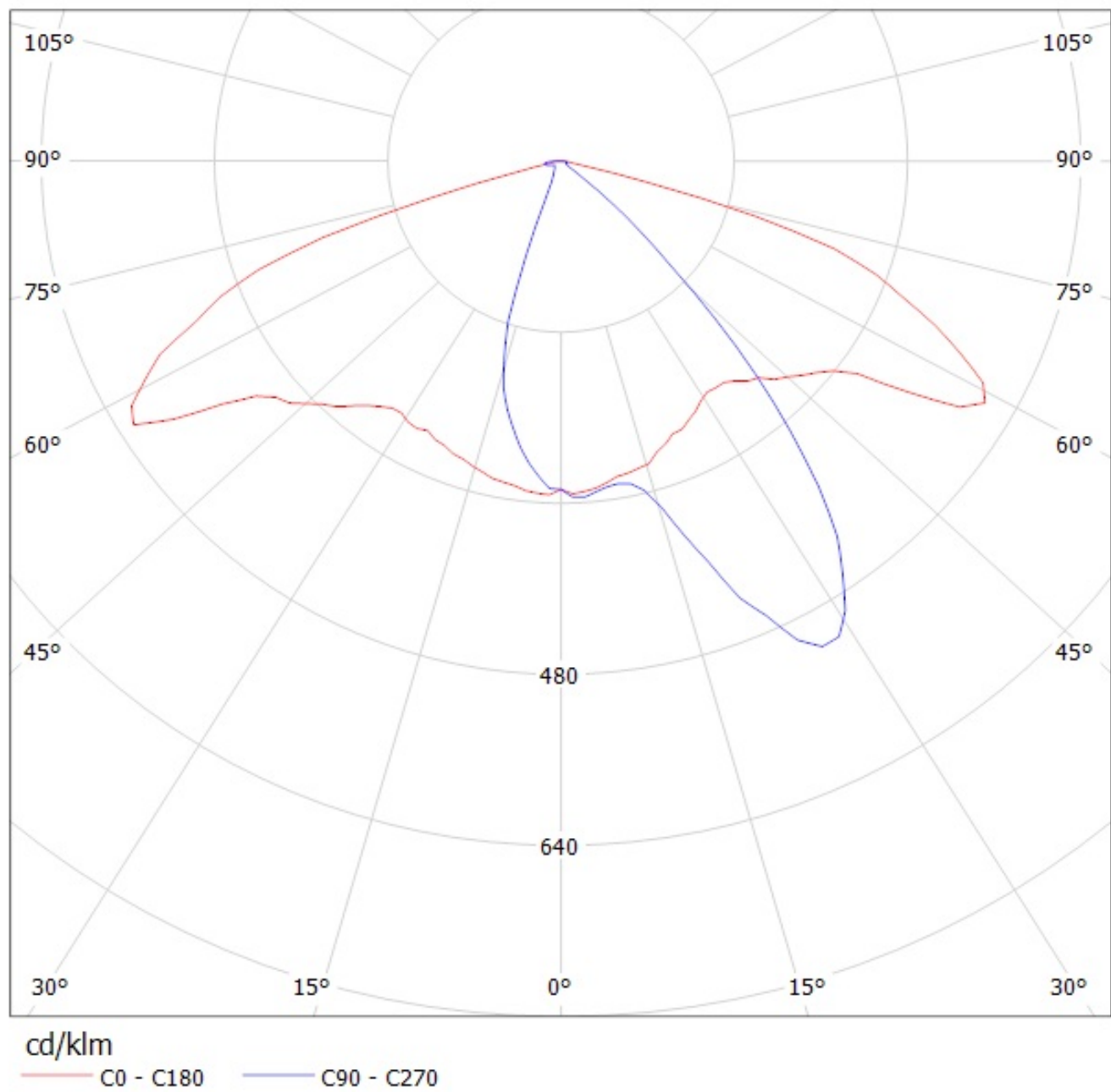


Luminaire: Ledil CA13119_STRADA-SQ-A-T_(Duris_S10)

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

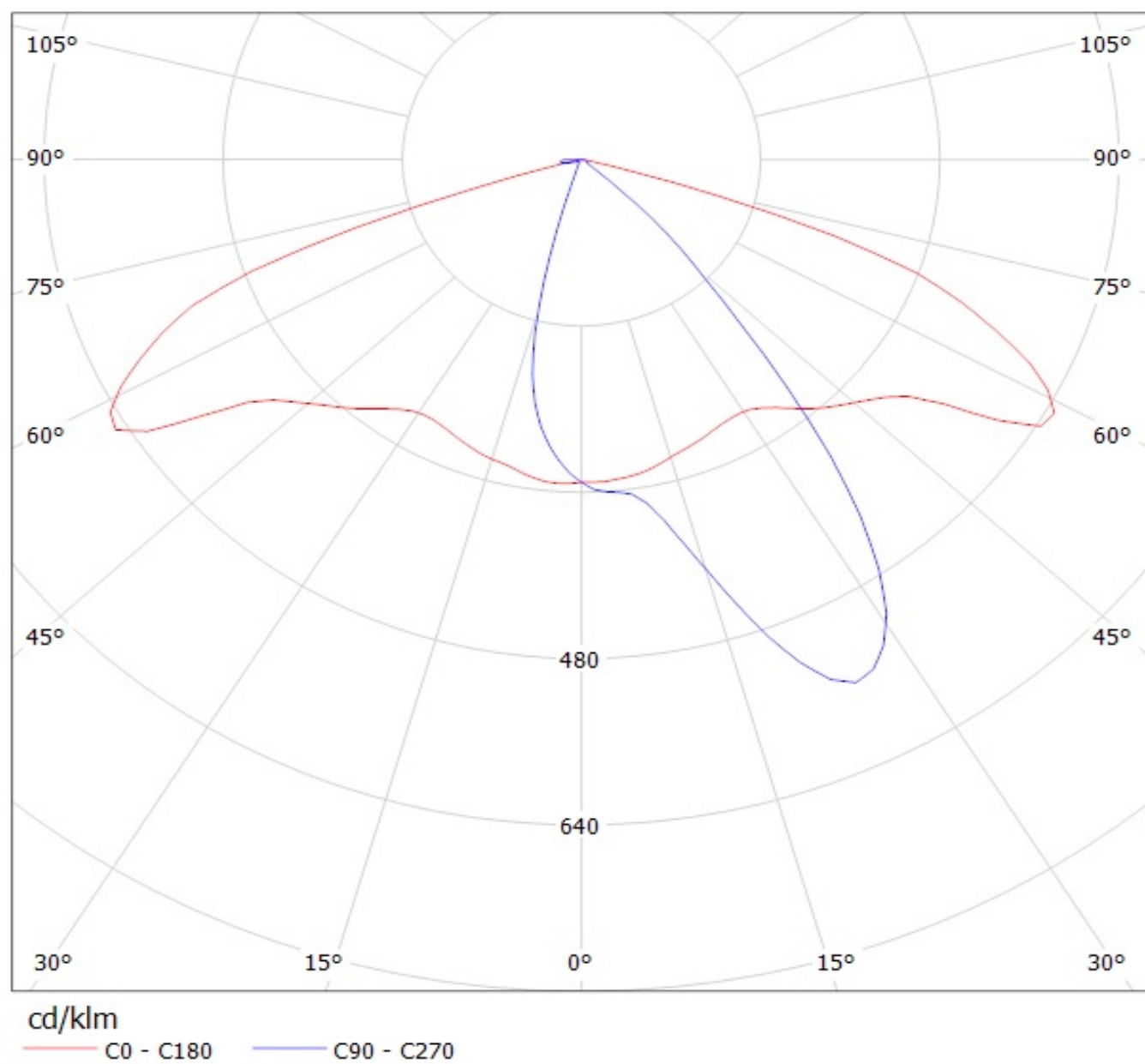


Luminaire: LEDiL Oy C13118_ & CA13119_STRADA-SQ-A-T-XML (Cree XM-L 84lm@250mA) Efficiency=93%
Lamps: 1 x Cree XM-L (84lm@250mA)



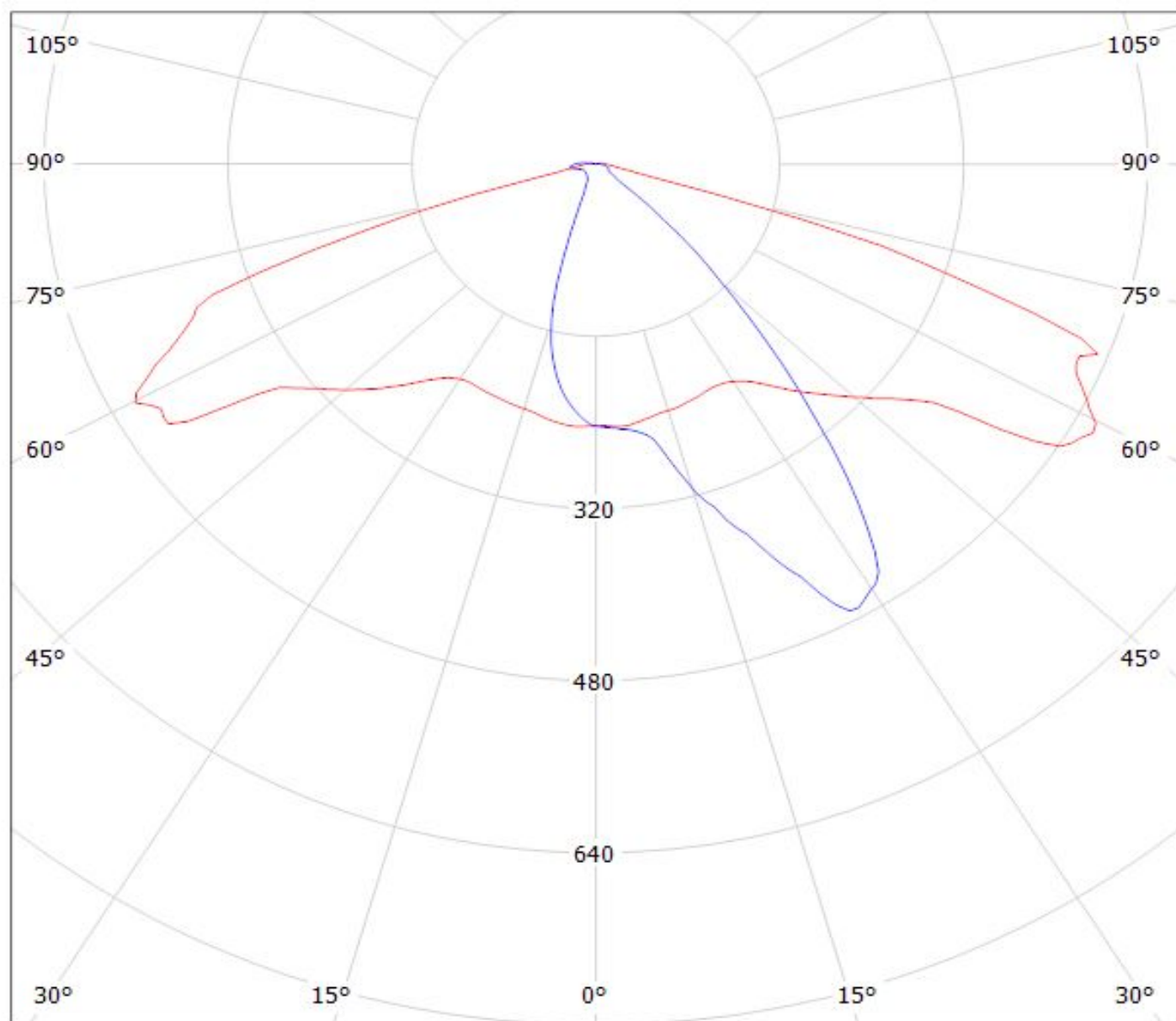
Luminaire: LEDil Oy CA13119_STRADA-SQ-A-T_(XM-L2) Efficiency=94%

Lamps: 1 x Cree XM-L2 (XMLBWT-0-7B4-T30-0L-0001) 91lm @ 250mA CCT=3200K P=2.8W I=250mA



Luminaire: LEDiL Oy CA13119_STRADA-SQ-A-T_(XP-L)

Lamps: 1 x Cree_XP-L_125.584lm@250mA_P=0.738255W_I=249.9mA



cd/klm

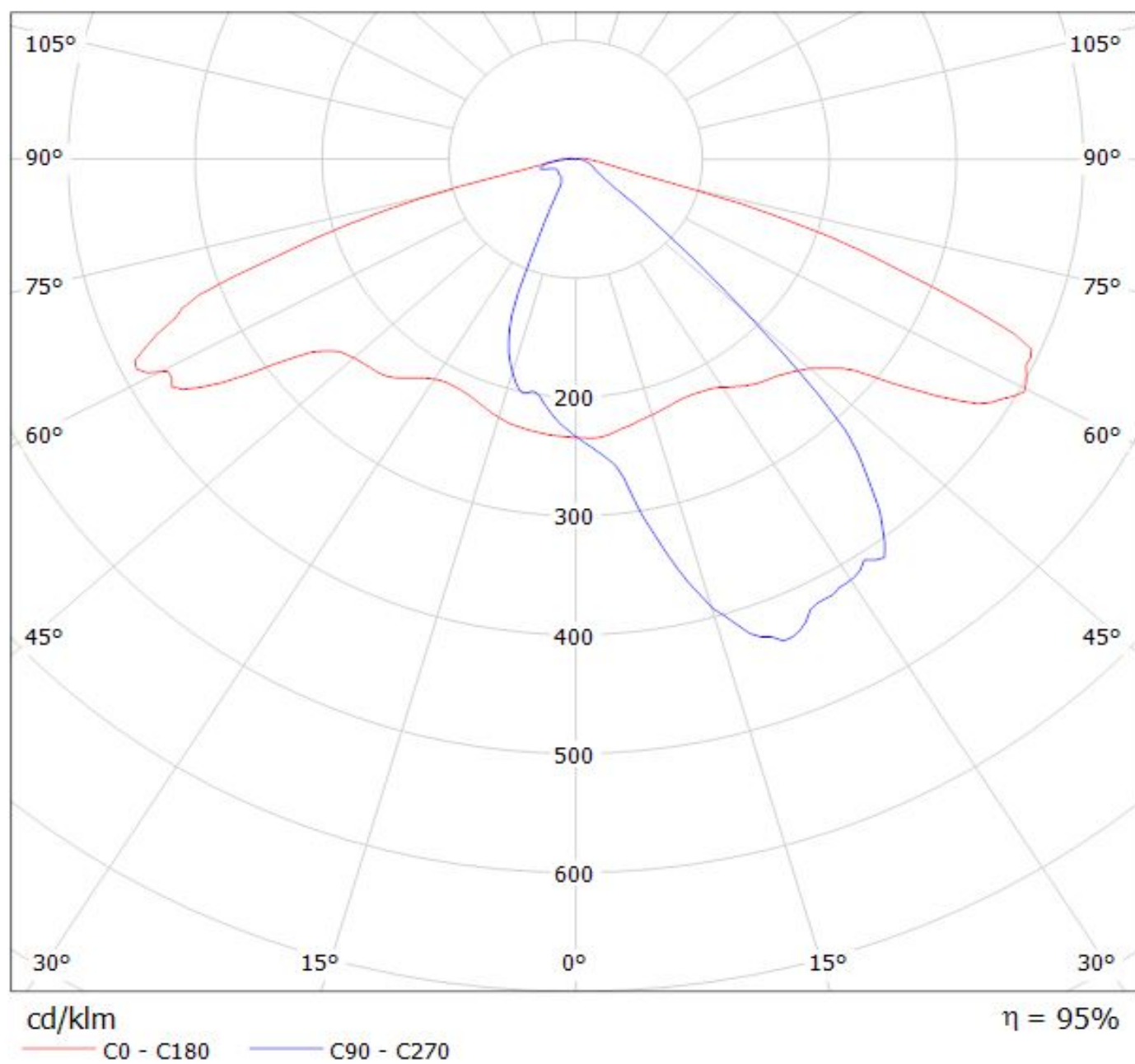
$\eta = 93\%$

C0 - C180

C90 - C270

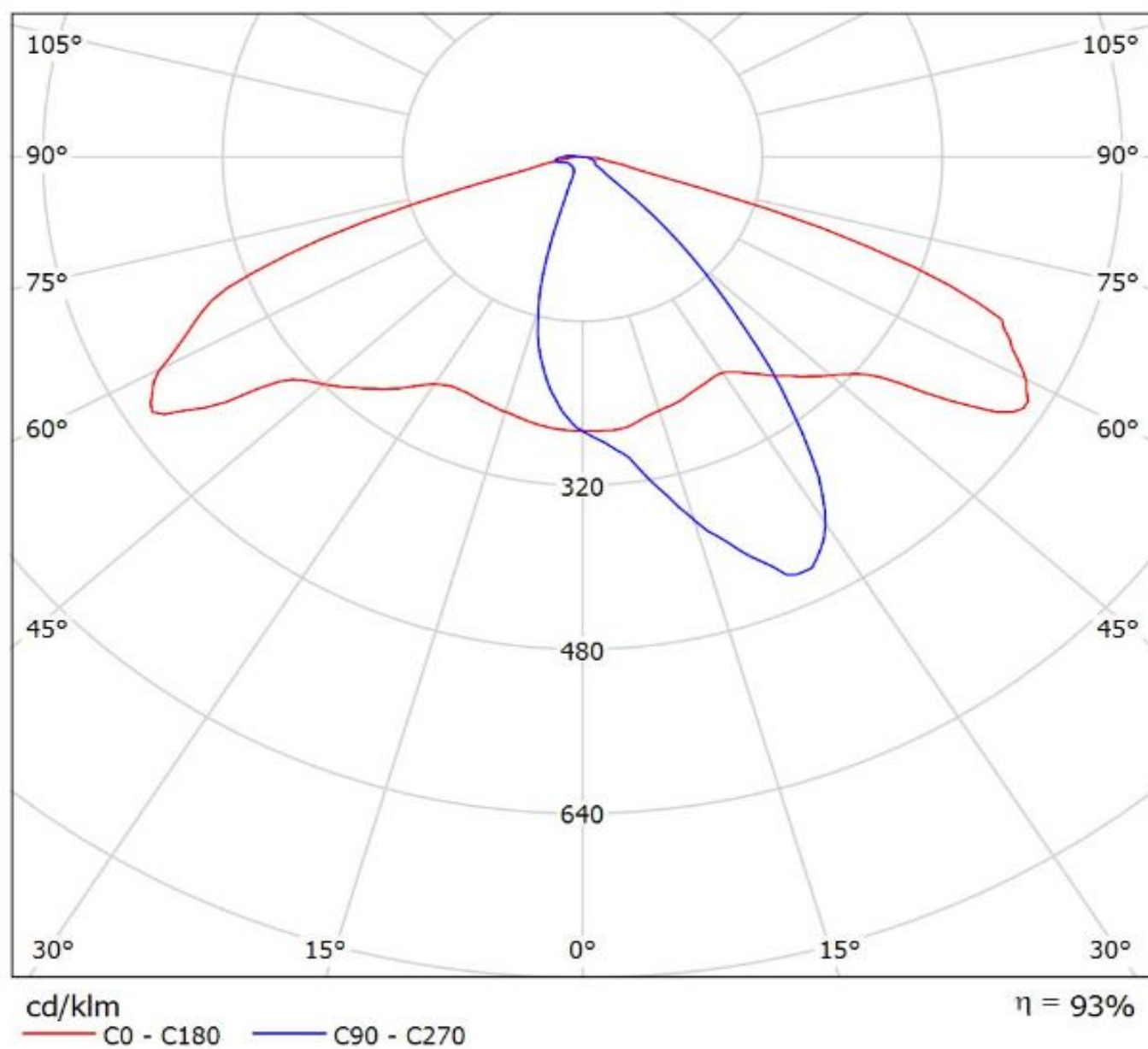
Luminaire: LEDiL Oy CA13119_STRADA-SQ-A-T_(XHP50_cool_white)

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

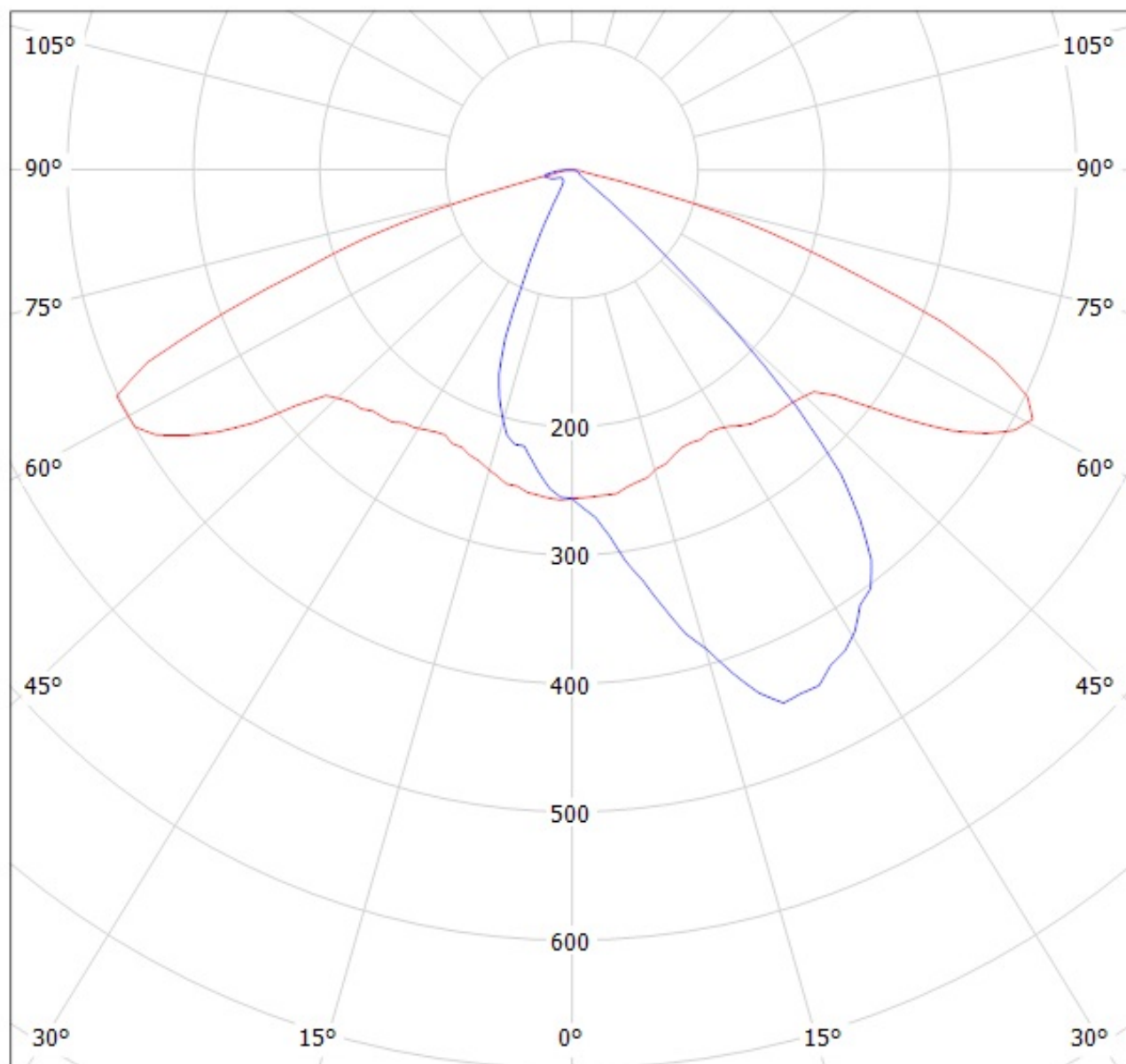


Luminaire: Ledil CA13119_STRADA-SQ-A-T_(XP-L2)

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



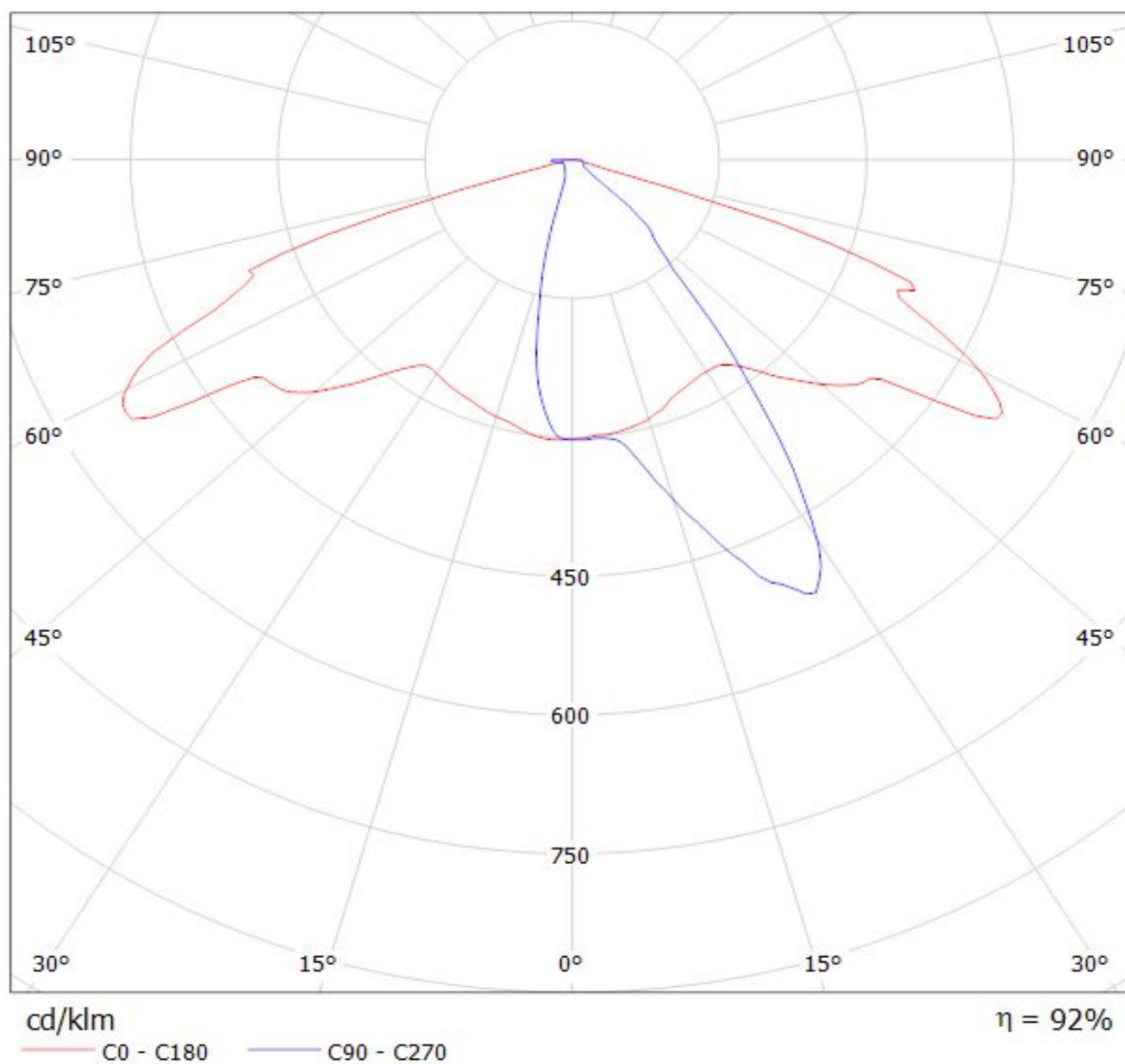
Luminaire: LEDiL Oy C13118_&_CA13119_STRADA-SQ-A-T-LuxM (Luxeon M 362lm @ 250mA) Efficiency=93%
Lamps: 1 x Luxeon M 362lm @ 250mA



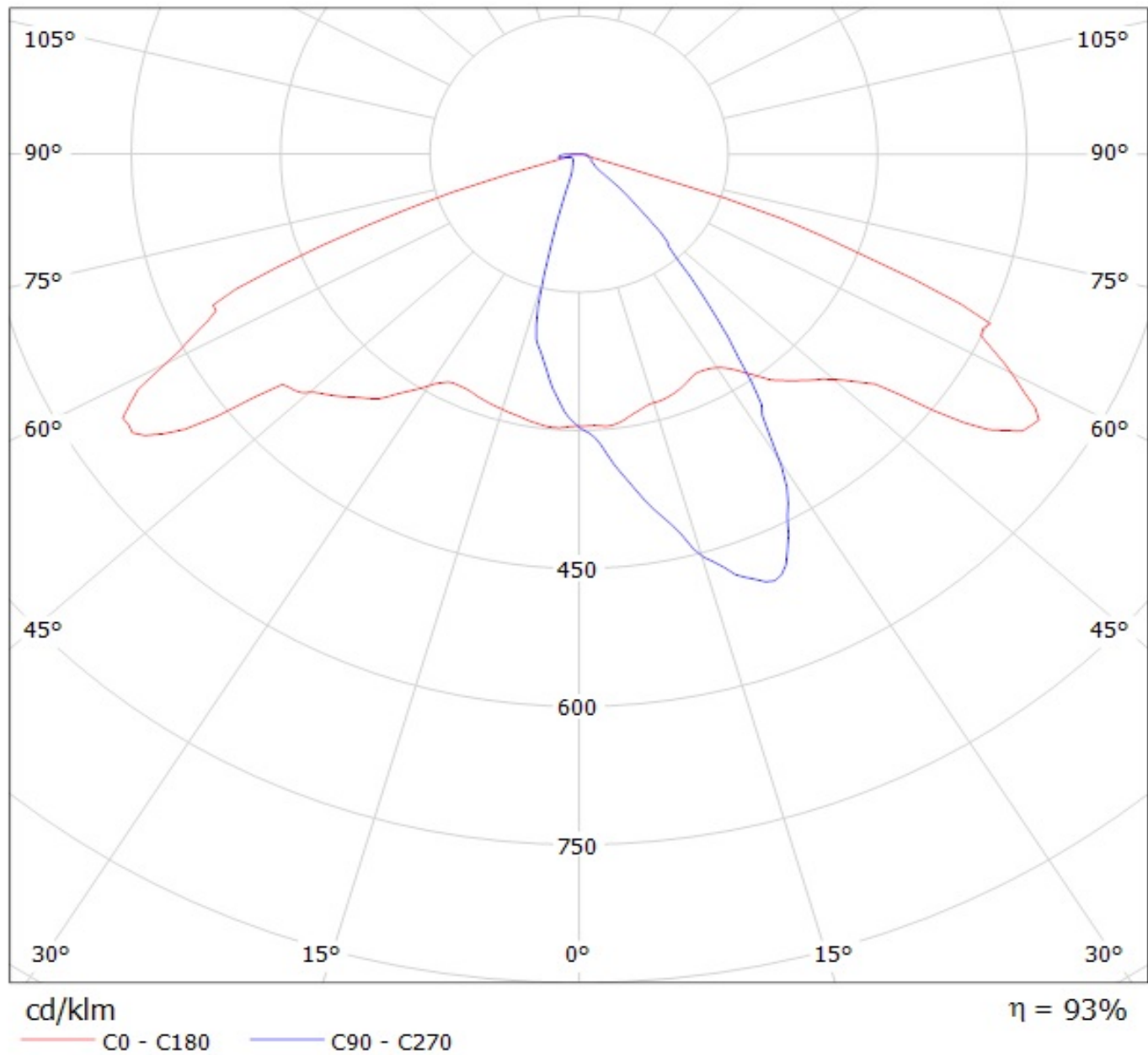
cd/klm

— C0 - C180 — C90 - C270

Luminaire: LEDiL Oy CA13119_STRADA-SQ-AT_(LUXEON_T)_2 Eff.92.3%
Lamps: 1 x LUXEON_T (74lm@250mA)

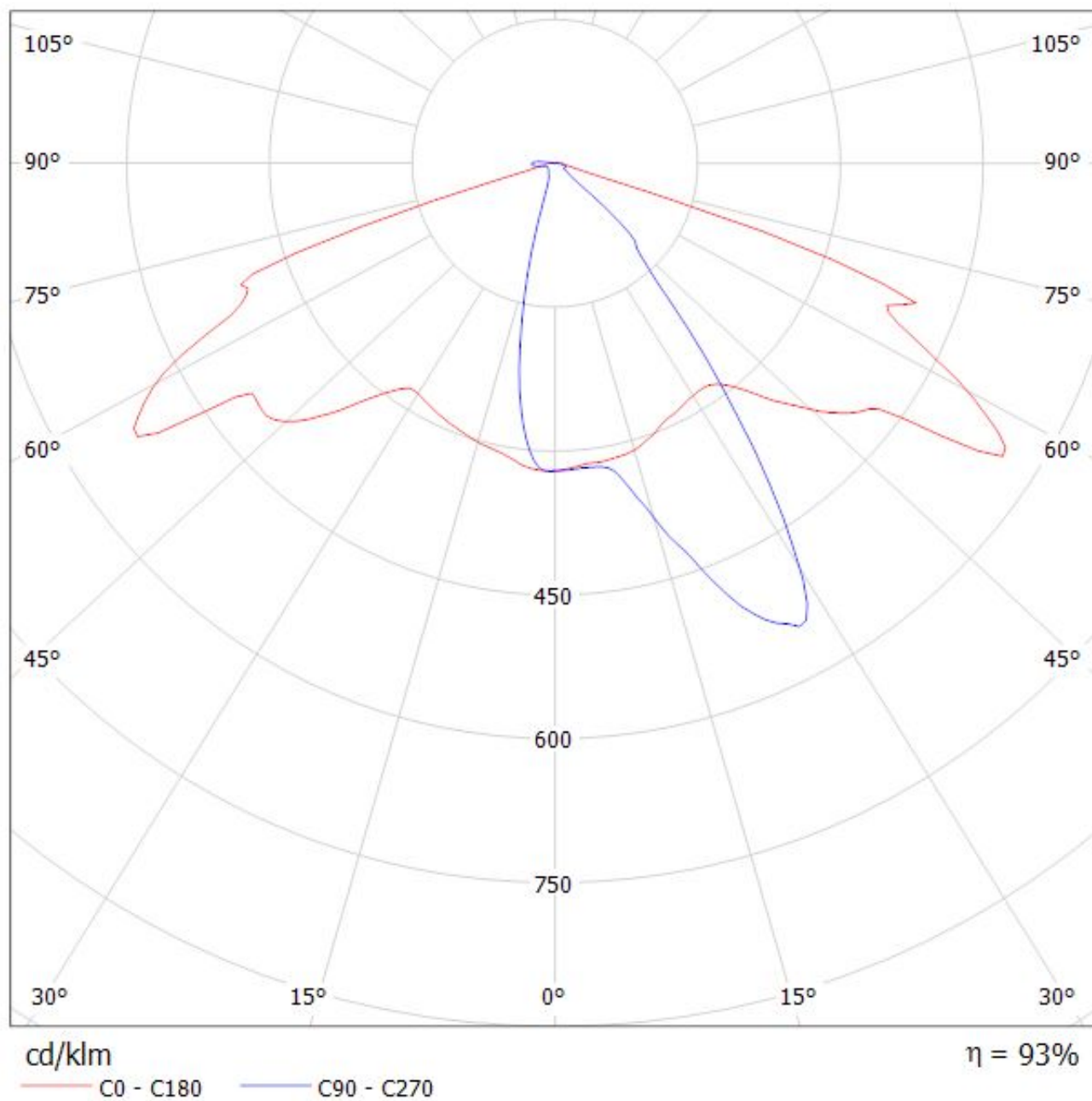


Luminaire: LEDiL Oy CA13119_STRADA-SQ-A-T_(LUXEON-MZ) Eff.93.0%
Lamps: 1 x LUXEON-MZ_263.073lm@250mA_P=2.7399W_I=249.9mA



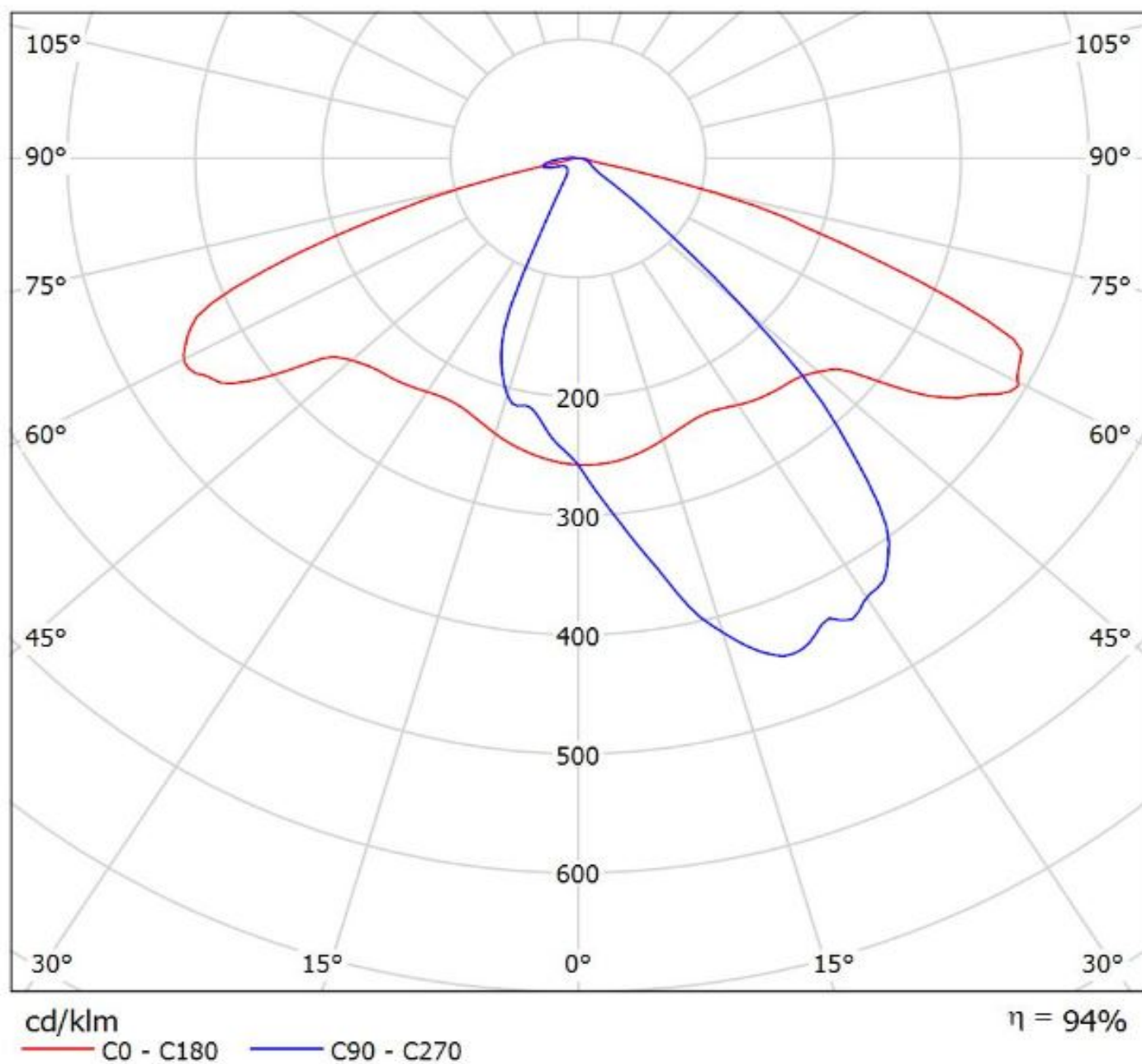
Luminaire: LEDiL Oy CA13119_STRADA-SQ-A-T_(Luxeon_TX) Eff.93.5%

Lamps: 1 x Luxeon_TX_(L1T2-3585)_80.2531lm@250mA_CCT=3500K_P=0.730933W_I=249.9mA

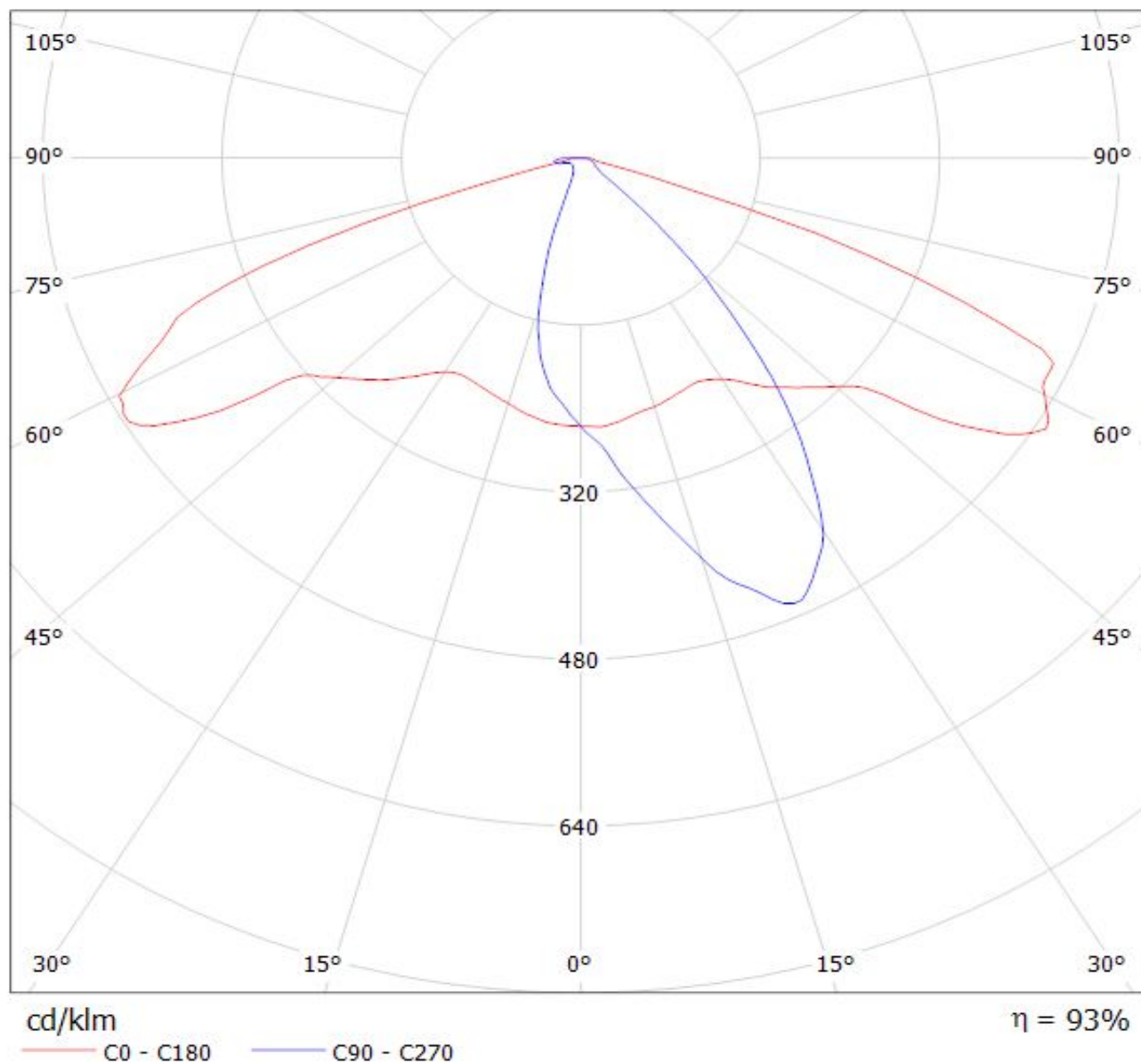


Luminaire: Ledil CA13119_STRADA-SQ-A-T (LUXEON_XR-M_Linear_1x4)

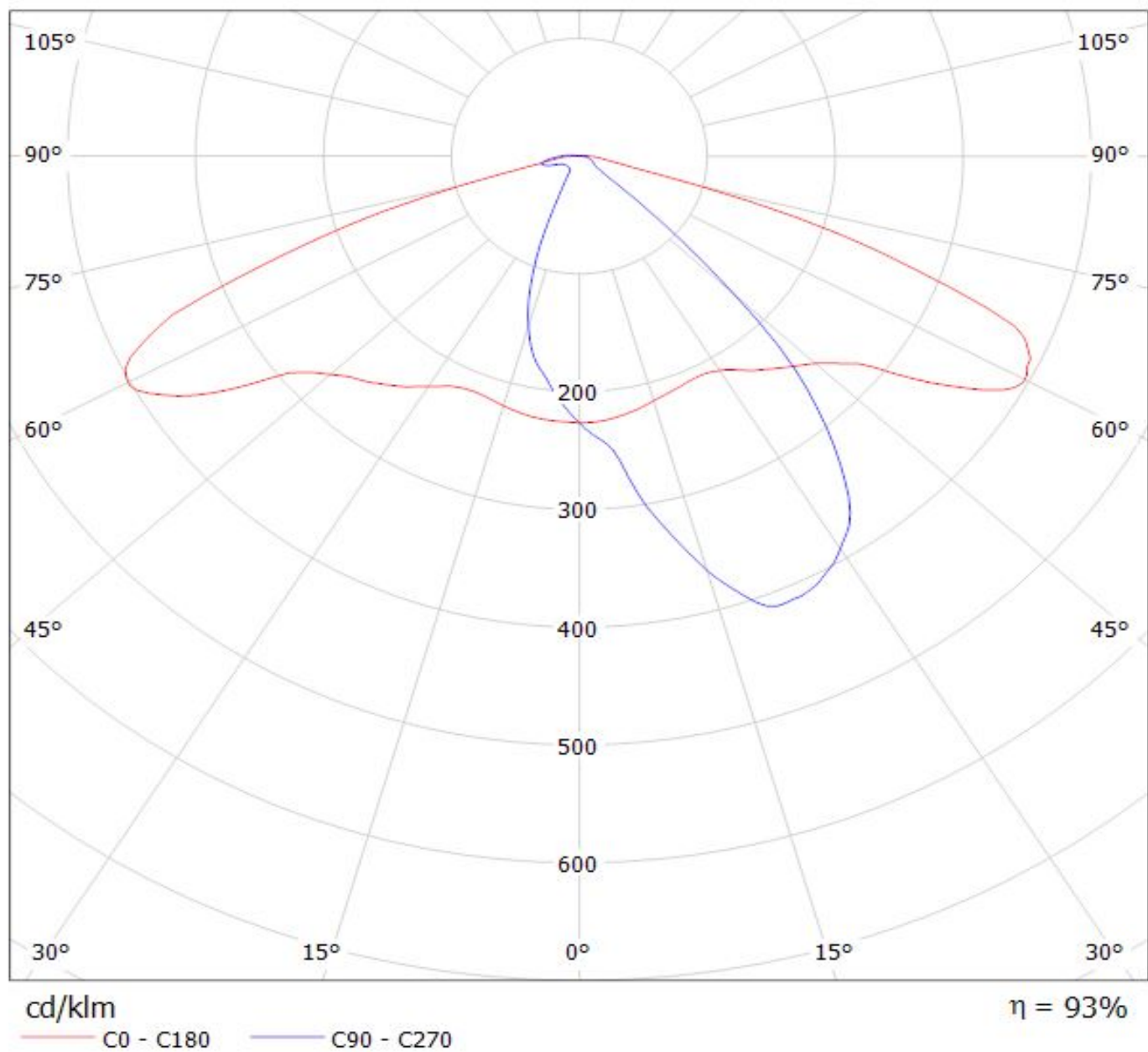
Lamps: 1 x Lumiled_LUXEON_XR-M_Linear_1x4_1798.32lm@250mA_P=11.005W_I=0.25A



Luminaire: LEDiL Oy CA13119_STRADA-SQ-A-T_(NS9x383) Eff. 93,3%
Lamps: 1 x Nichia NS9x383 (105lm@250mA)

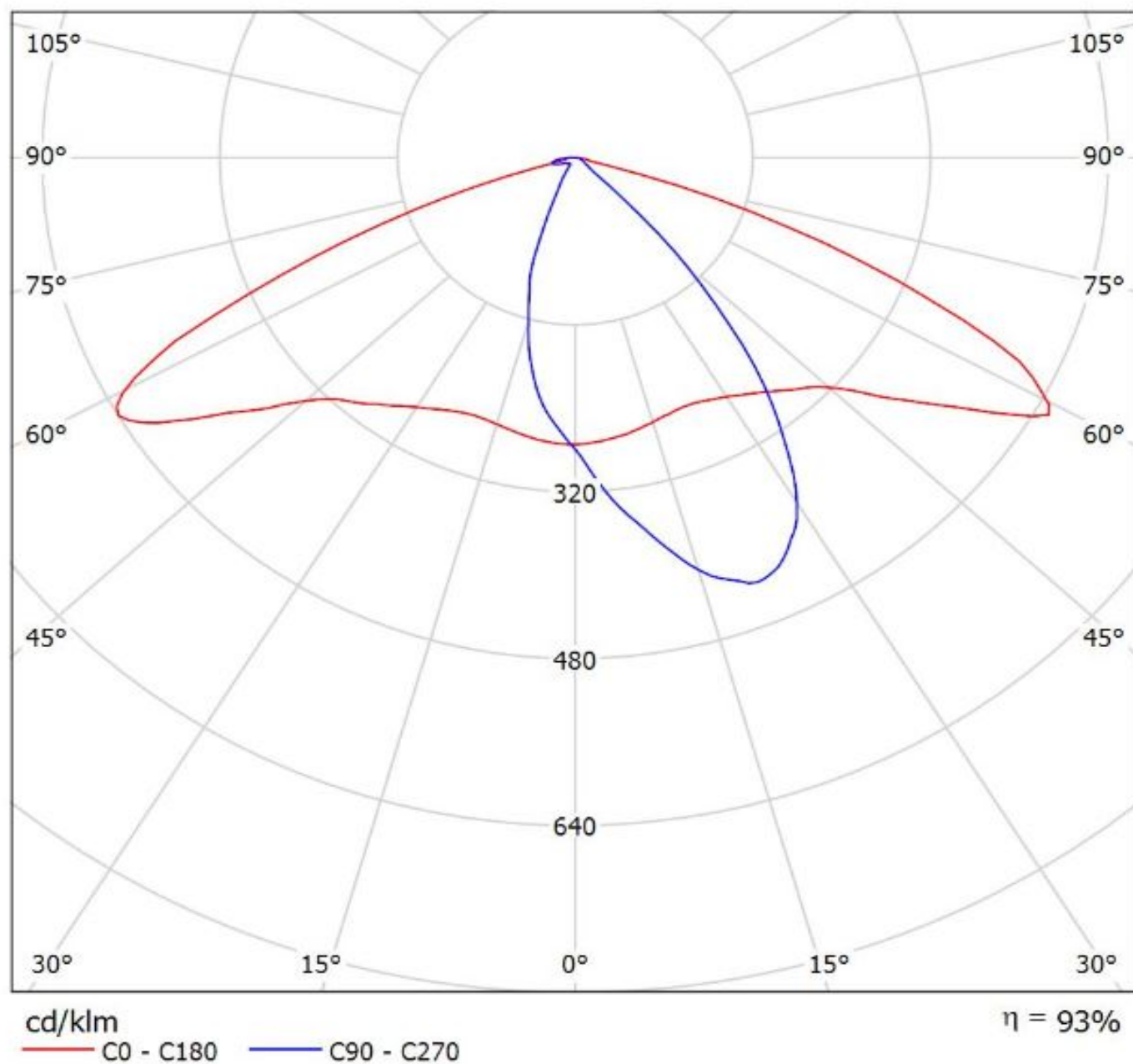


Luminaire: LEDiL Oy CA13119_STRADA-SQ-A-T_(NV4x144A)
Lamps: 1 x Nichia_NV4x144A_477.334lm@250mA_P=2.8030W_I=0.250A



Luminaire: Ledil CA13119_STRADA-SQ-A-T_(Duris_S10)

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



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.