PRODUCT DATASHEET
Strada series
last update 9/6/2017

DETAILS



Product Number	CA12889_STRADA-SQ-T-DWC
Family	Strada
Type	Assembly
Color	clear
Diameter	25 x 25 mm
Height	8,15 mm
Style	square
Optic Material	PMMA
Holder Material	
Fastening	tape, pin, screw
Status	production ready
ROHS Comliant	Yes
Date Updated	9/06/2017

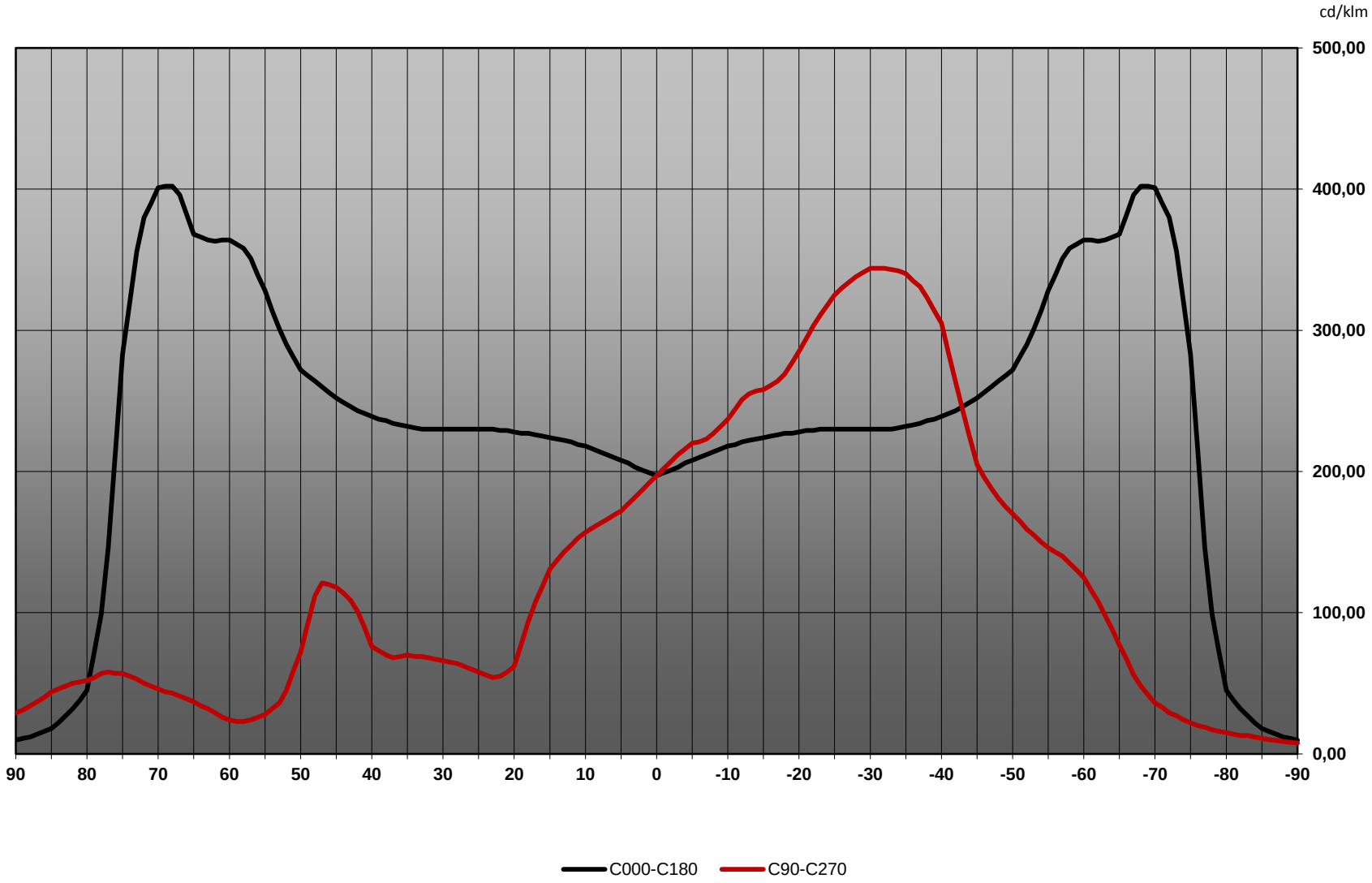
OPTICAL PROPERTIES

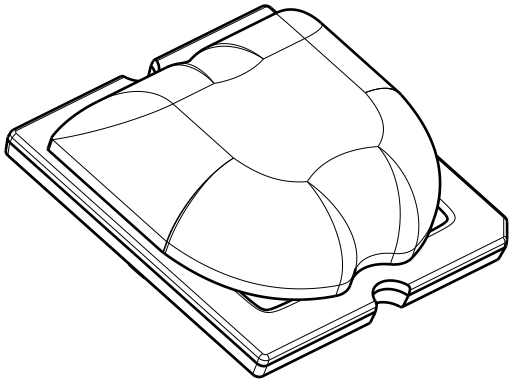
LED	Viewing Angle	Light Beam	Effi-ciency	cd/lm	Connector
XM-L	Asymmetric deg	Streetligh...	-	-	-
XM-L2	asymmetric deg	Streetligh...	92 %	0.700	-
MK-R	Asymmetric deg	Streetligh...	91 %	0.450	-
MHB-A/B	sim: Asymmetric	Streetligh...	-	-	-
XHP50	Asymmetric deg	Streetligh...	91 %	0.500	-
LUXEON M/MX	Asymmetric deg	Streetligh...	94 %	0.450	-
LUXEON MZ	asymmetric deg	Streetligh...	91 %	0.700	-
LUXEON XR-M linear 1x3, 1x4, 1x5	Asymmetric deg	Streetligh...	91 %	0.460	-
NS9x383	Asymmetric deg	Streetligh...	91 %	0.660	-
NV4x144A	Asymmetric deg	Streetligh...	90 %	0.470	-
OLP-5065F6L-06A	Asymmetric deg	Streetligh...	91 %	0.530	-
Duris S10	Asymmetric deg	Streetligh...	90 %	0.490	-
Duris P10	sim: Asymmetric	Streetligh...	sim: 87 %	sim: 0.580	-

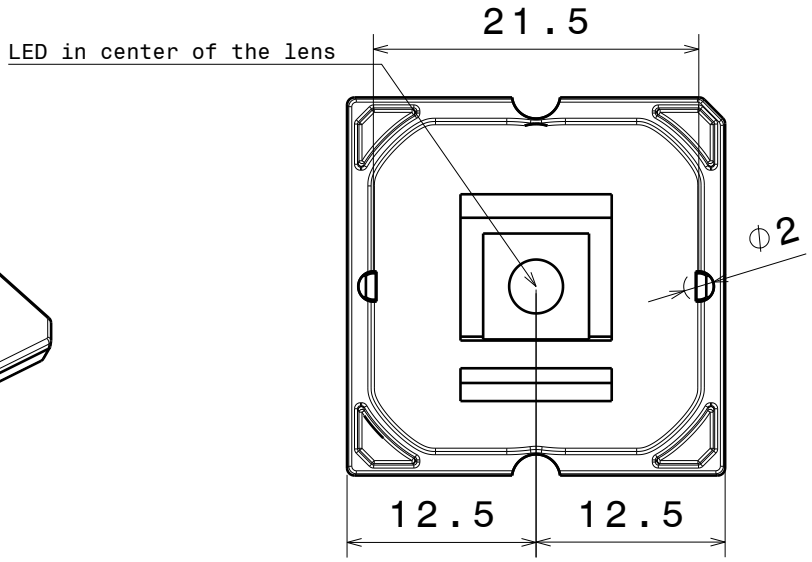
Ledil Oy
Salorankatu 10
24240 SALO, Finland

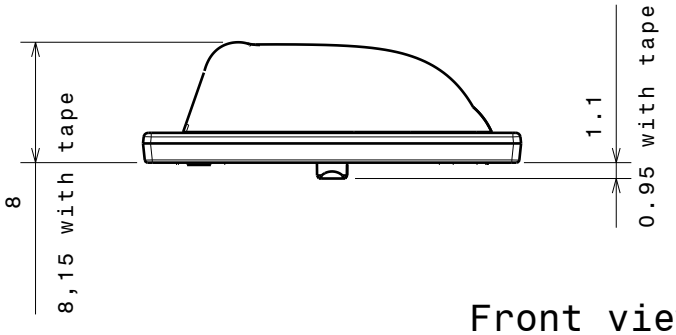
http://www.ledil.com
email: ledil@ledil.com
FAX: +358-2-733 8001

Absolute intensity of C12726&CA12889_STRADA-SQ-T-DWC (Luxeon M)

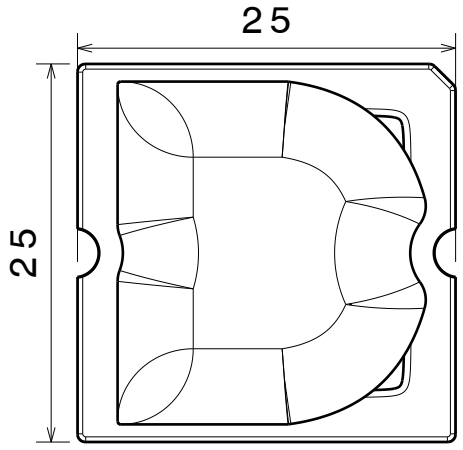








Front view



Top view

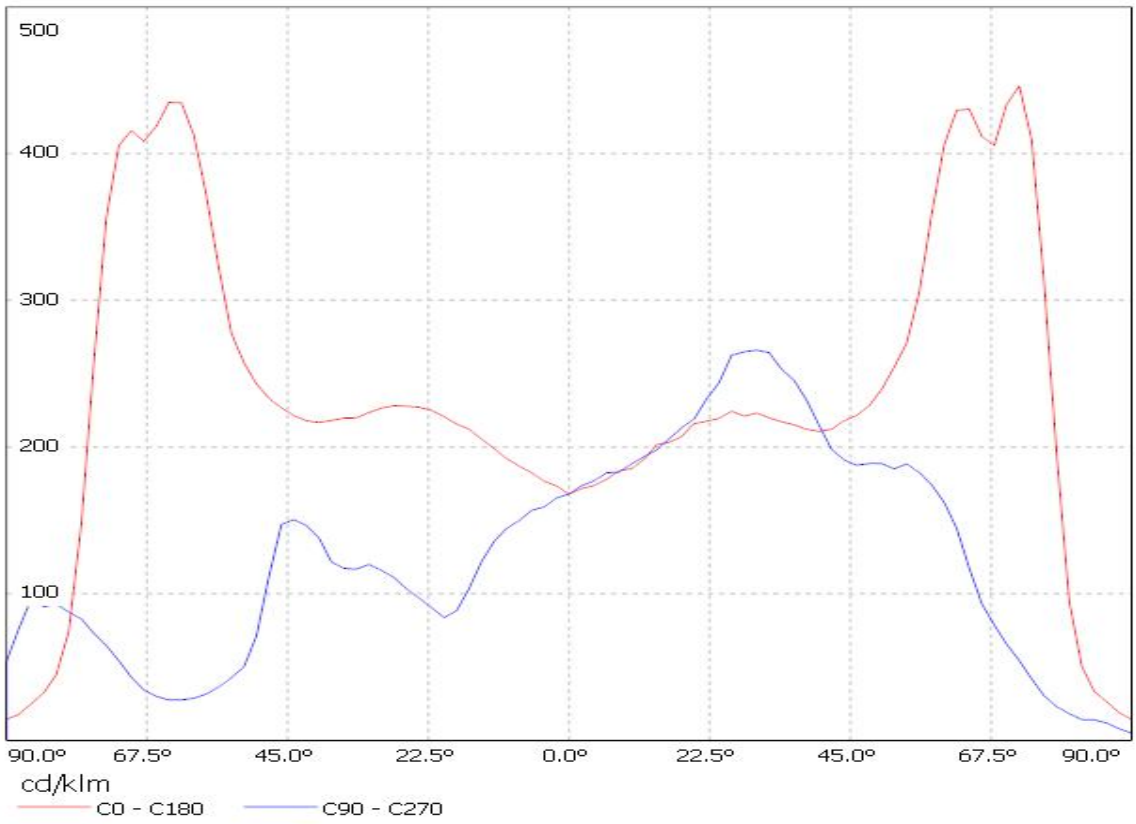
Materials:
Lens: PMMA

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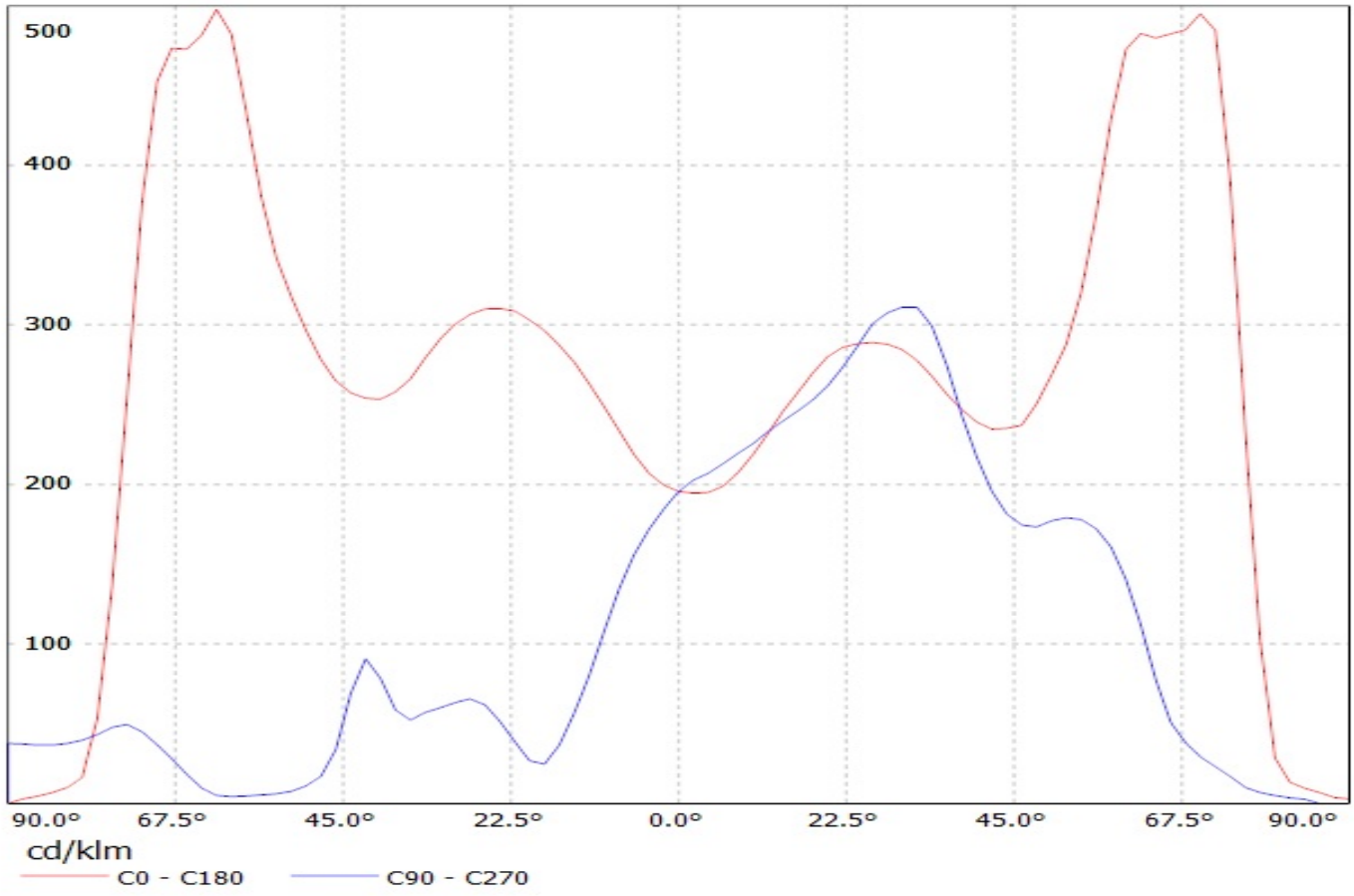
Ledil Oy
Salorankatu 10
FIN 24240 SALO
Finland

DRAWN BY: ol	DATE: 4.5.2012	DRAWING TITLE: Datasheet STRADA-SQ-DWC			
CHECKED BY: PV	DATE: 4.5.2012	SIZE: A4	DRAWING NUMBER: C12726		REV: 01
DESIGNED BY: OL	DATE: 24.4.2012	SCALE: 2:1	WEIGHT(kg): 0,00		SHEET: 1/1

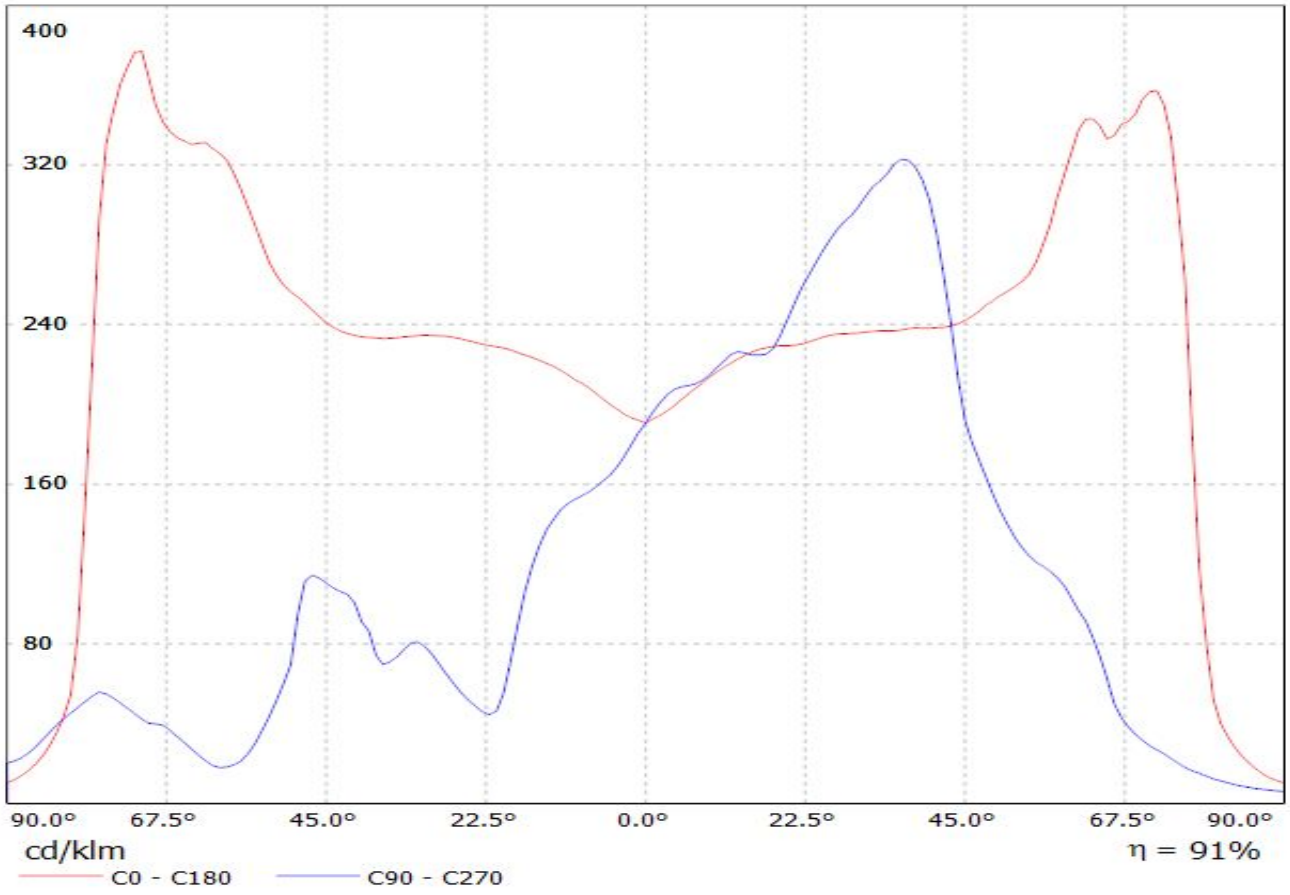
Luminaire: Ledil Oy C12726_STRADA-SQ-T-DWC/CA12889_STRADA-SQ-T-DWC (Cree XM-L 90lm @ 250mA) Efficiency=94%
Lamps: 1 x Cree XM-L 90lm @ 250mA



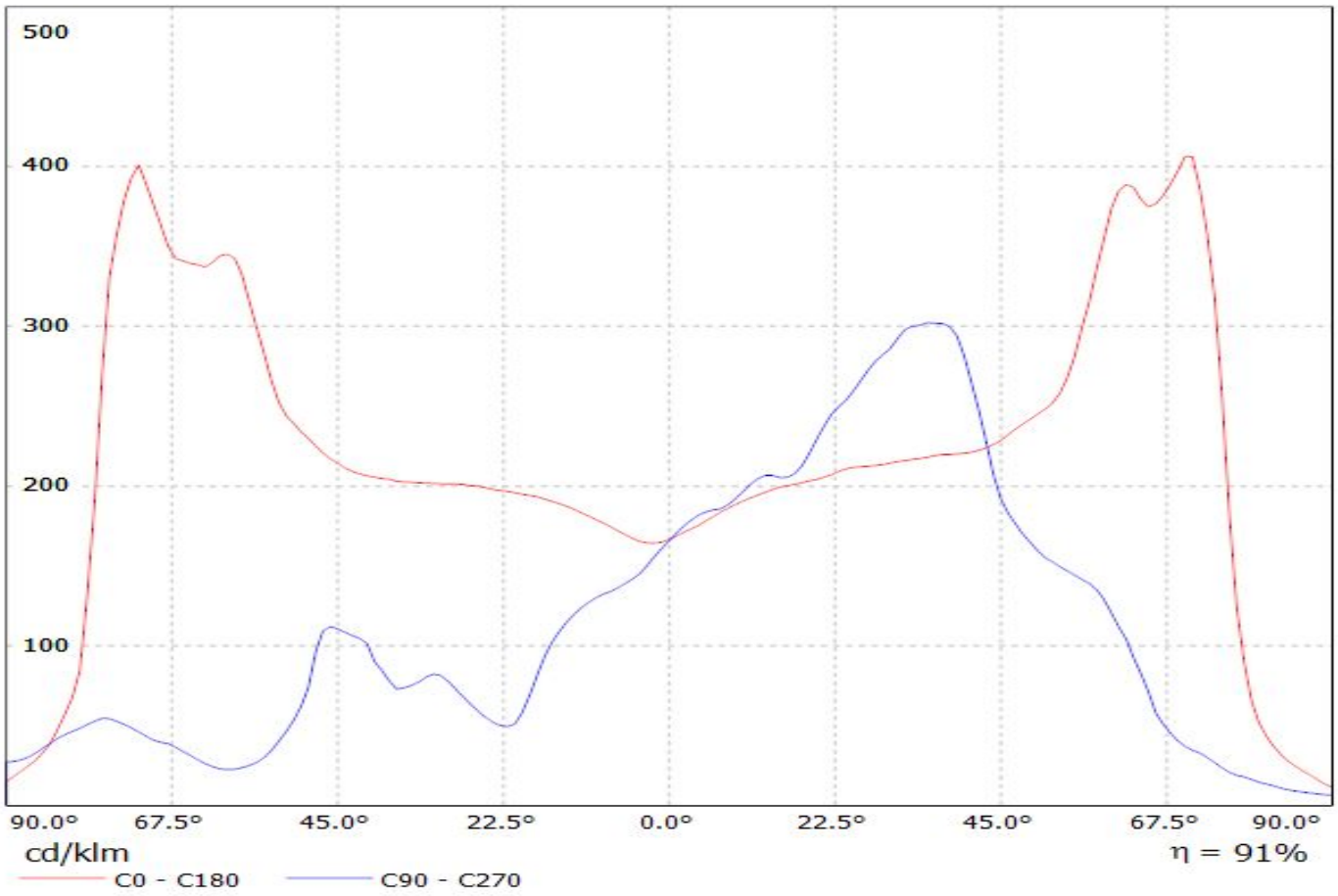
Luminaire: LEDil Oy CA12889_STRADA-SQ-T-DWC_(XM-L2) Efficiency=92%
Lamps: 1 x CRee XM-L2 (XMLBWT-0-7B4-T30-0L-0001) 91lm @ 250mA CCT=3220K P=0.7W I=250mA



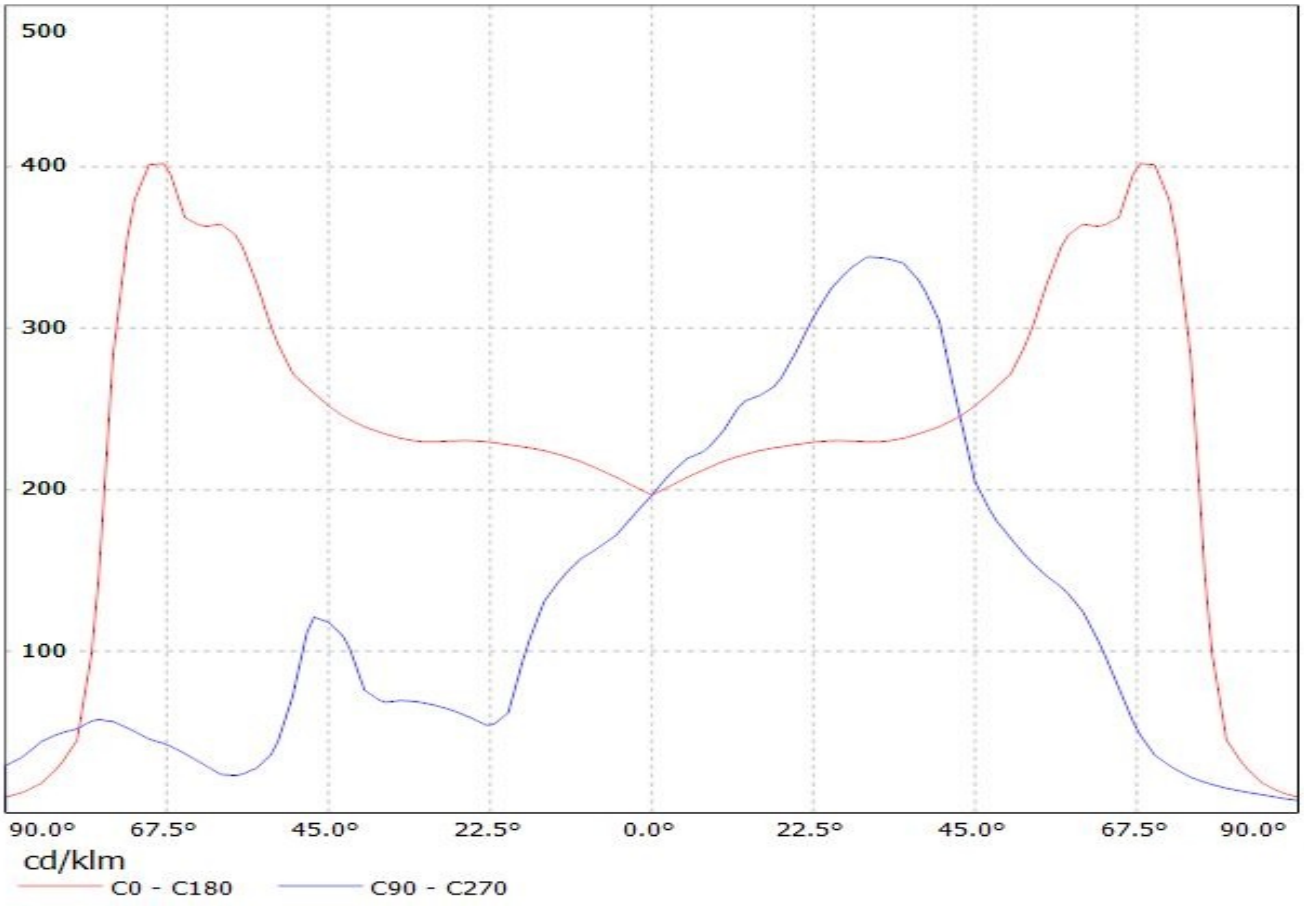
Luminaire: LEDiL Oy CA12889_STRADA-SQ-T-DWC_(MK-R) Eff.90.8%
Lamps: 1 x CREE MKR (362lm@250mA)



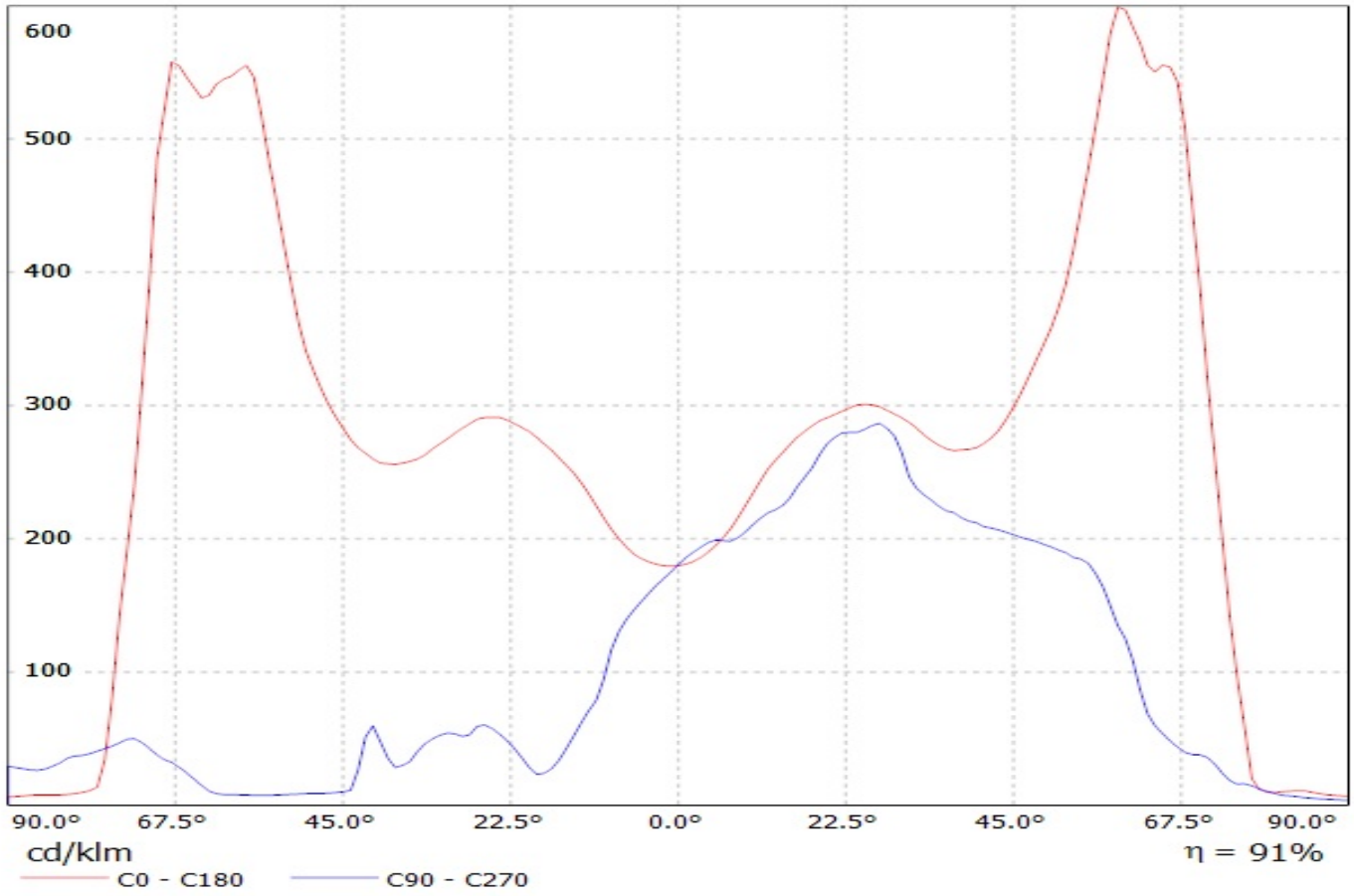
Luminaire: LEDiL Oy CA12889_STRADA-SQ-T-DWC_(CREE_XHP50_COOLWHITE)
Lamps: 1 x CREE_XHP50_COOLWHITE_242.798@0.250A_P=1.42658W_I=0.2499A



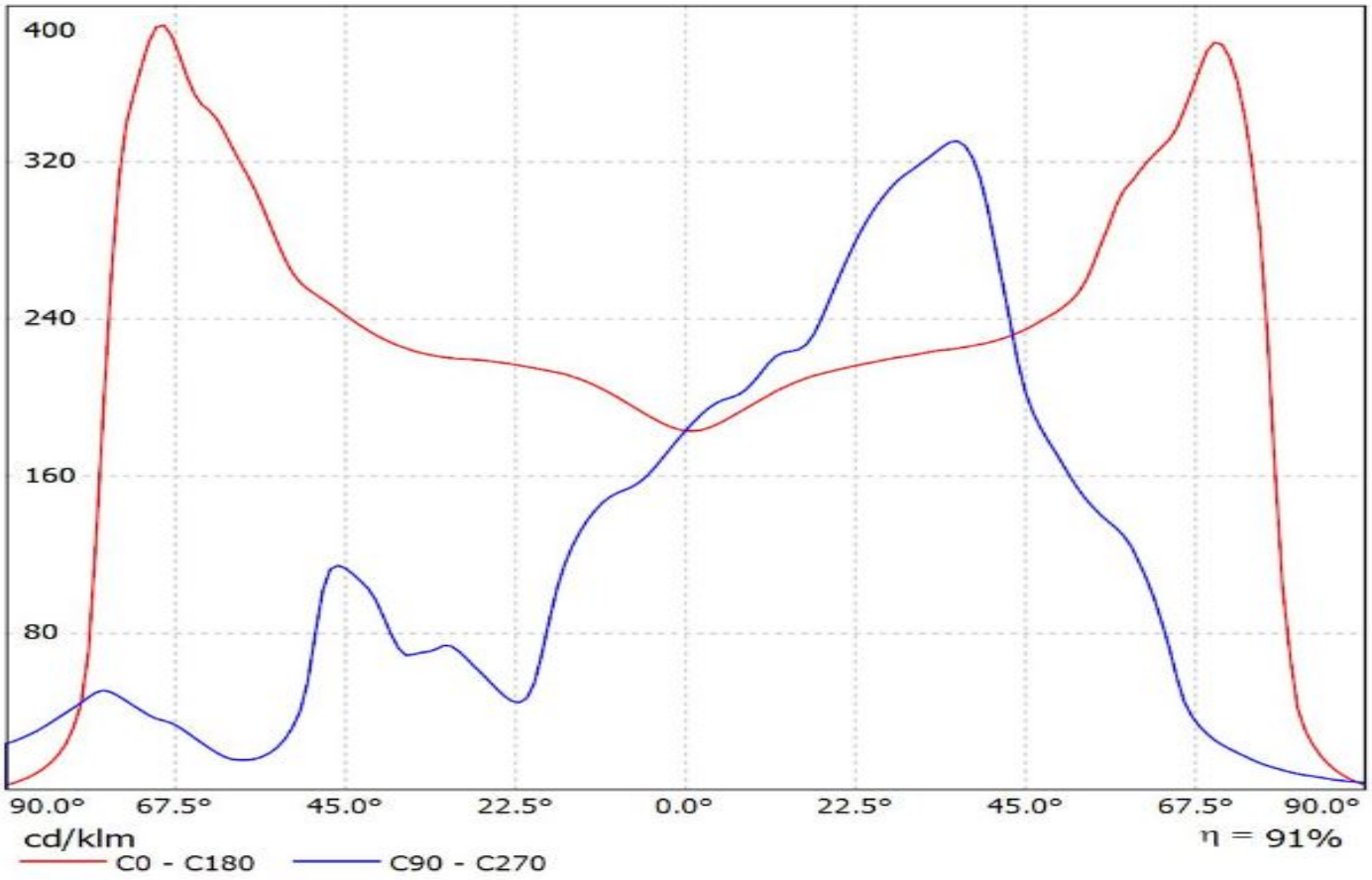
Luminaire: LEDiL C12726&CA12889_STRADA-SQ-T-DWC (Luxeon M) Efficiency=94%
Lamps: 1 x Luxeon M (360lm@250mA)



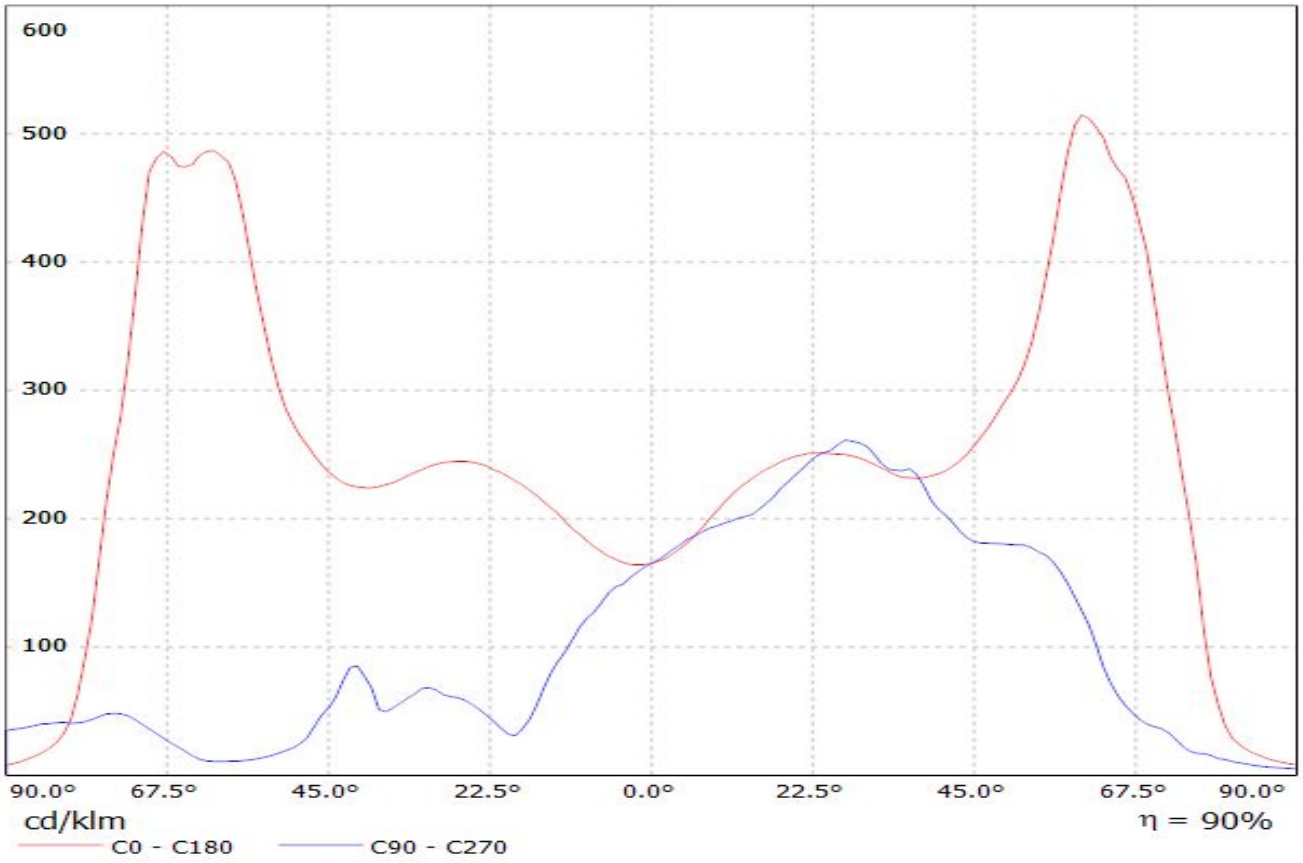
Luminaire: LEDiL Oy CA12889_STRADA-SQ-T-DWC_(LUXEON-MZ) Eff: 91%
Lamps: 1 x LUXEON-MZ_260.22lm@250mA_P=2.7399W_I=249.9mA



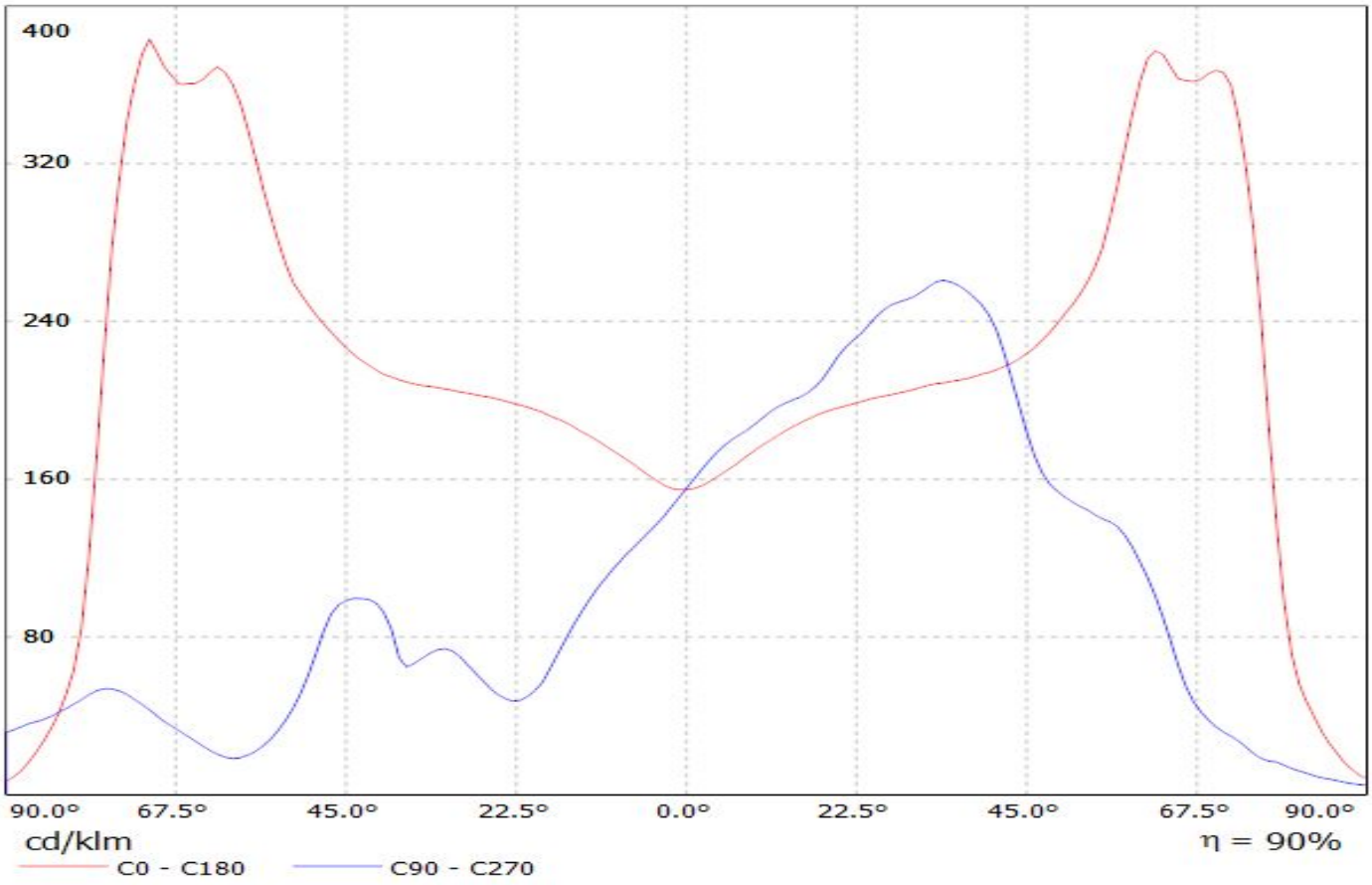
Luminaire: Ledil CA12889_STRADA-SQ-T-DWC_(LUXEON_XR-M_Linear_1x4)
Lamps: 1 x Lumiled_LUXEON_XR-M_Linear_1x4_1798.32lm@250mA_P=11.005W_I=0.25A



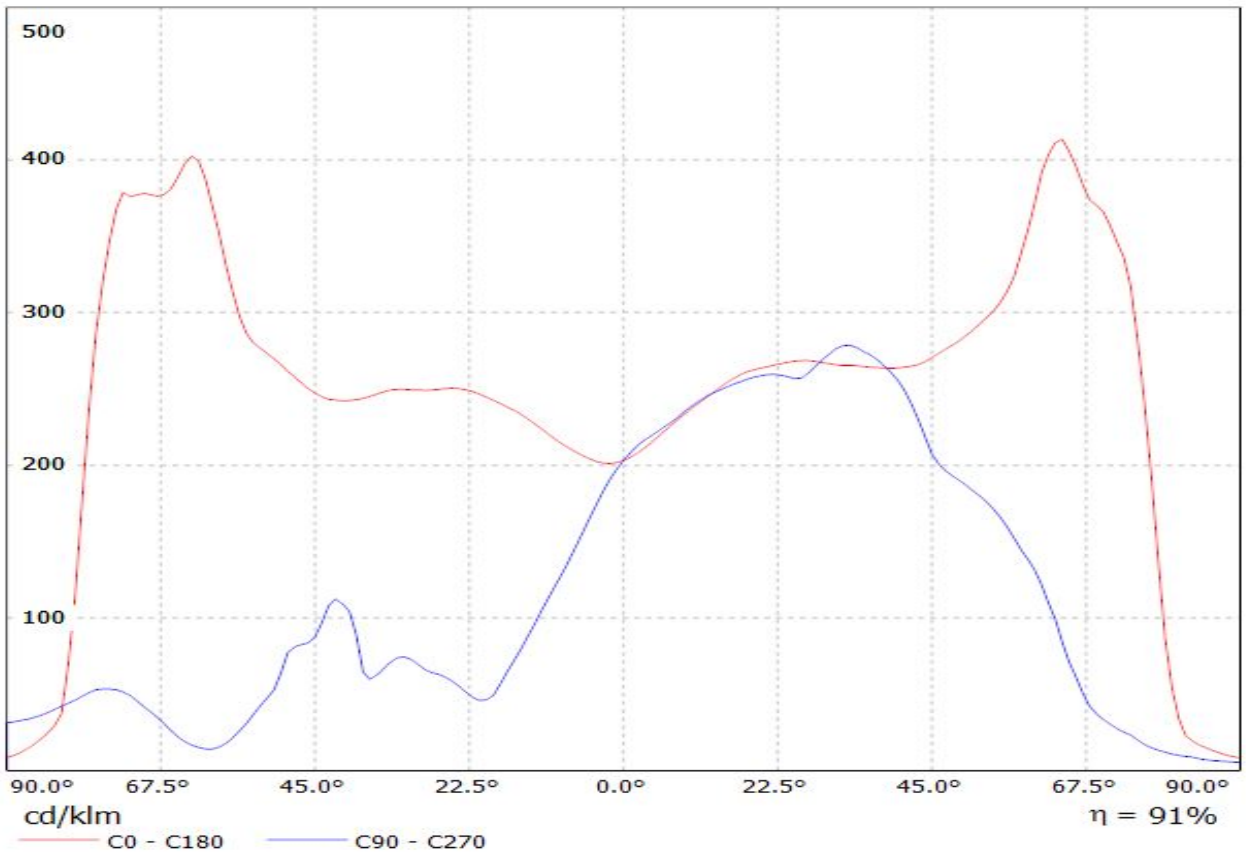
Luminaire: LEDiL Oy CA12889_STRADA-SQ-T-DWC_(NS9x383) Eff. 89,9%
Lamps: 1 x Nichia NS9x383 (105lm@250mA)



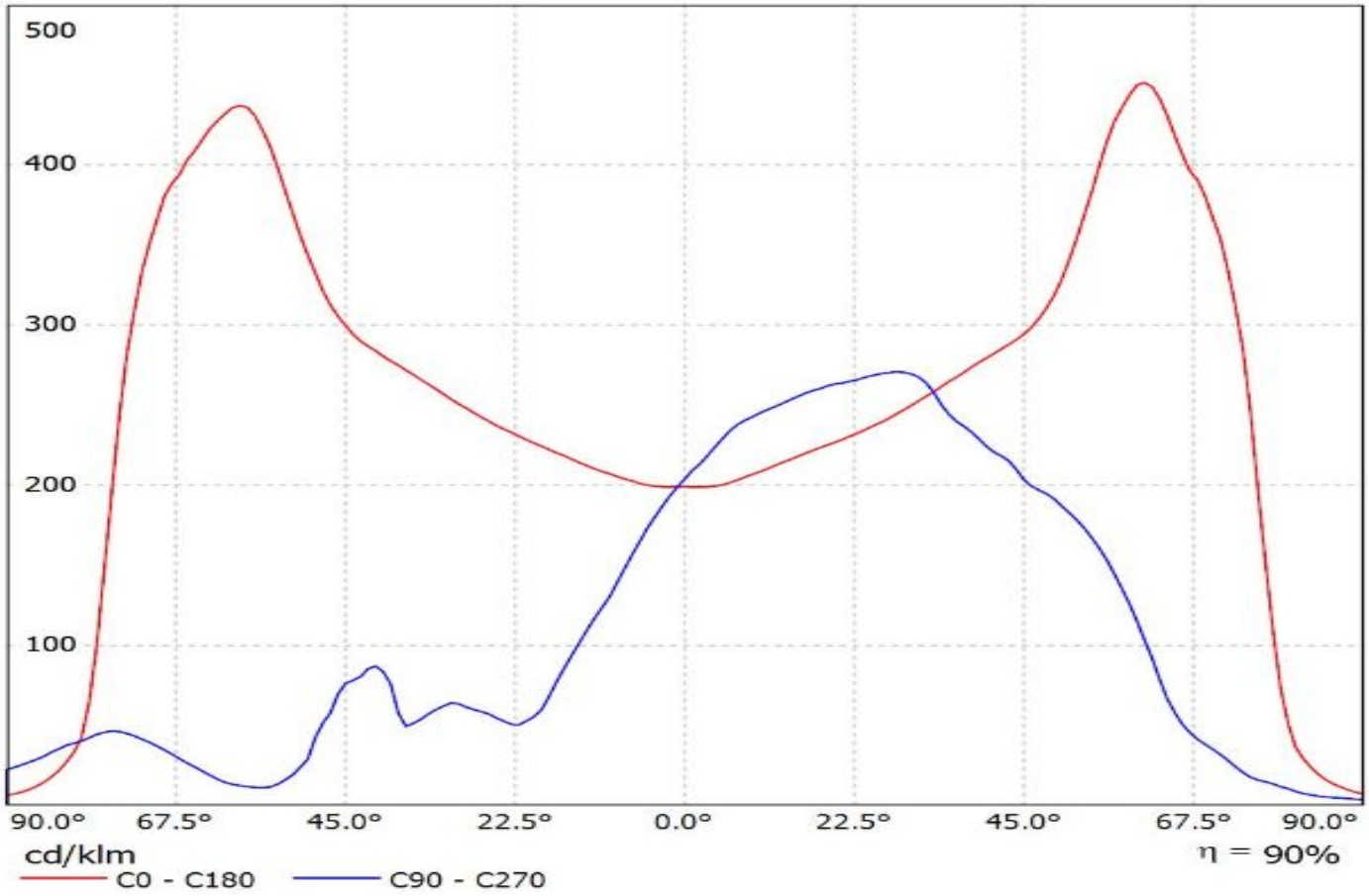
Luminaire: LEDiL Oy CA12889_STRADA-SQ-T-DWC_(NV4x144A)
Lamps: 1 x Nichia_NV4x144A_477.906lm@250mA_P=2.8045W_I=0.250A



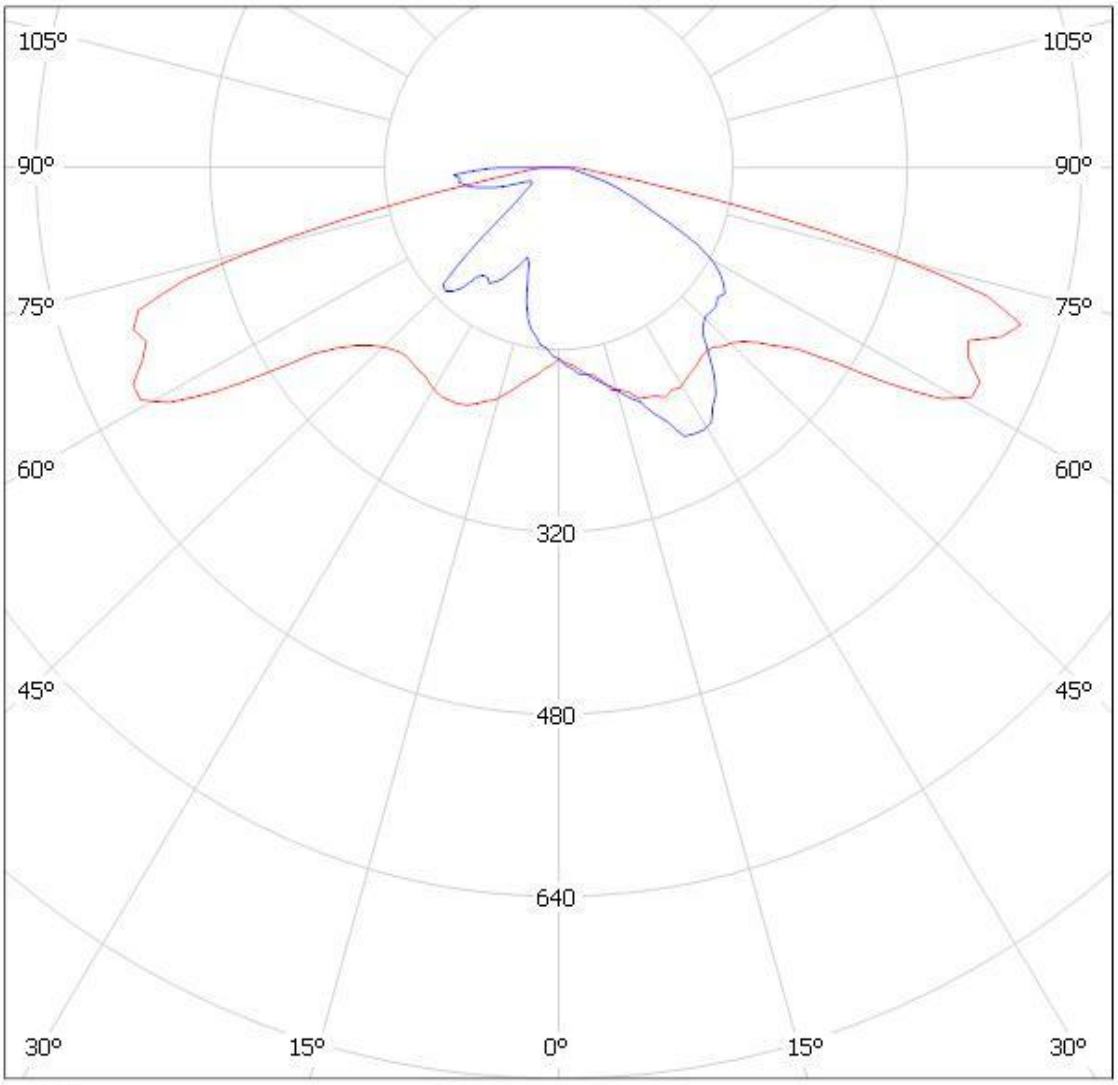
Luminaire: LEDiL Oy CA12889_STRADA-SQ-T-DWC_(OLP-5065F6L-06A) Eff.91.4%
Lamps: 1 x OPTOGAN_(OLP-5065F6L-06A-80-D05O0) 106.528lm@250mA CCT=5000K P=0.777664W I=249.9mA



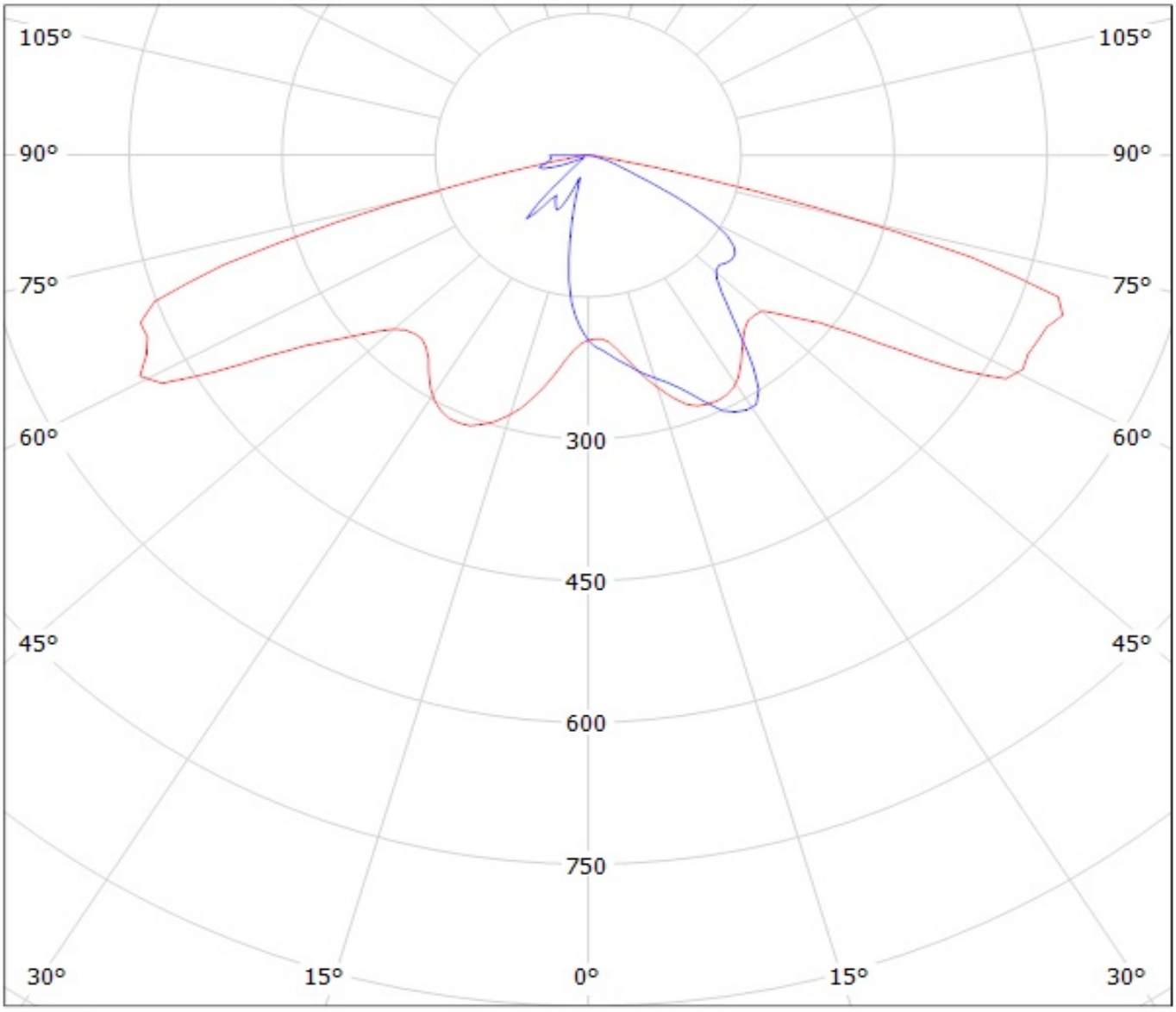
Luminaire: Ledil CA12889_STRADA-SQ-T-DWC_(Duris_S10)
Lamps: 1 x Osram_Duris_S10_(GW-P7LP32.EM)_992.375lm@250mA_P=9.2362W_I=0.25A



Luminaire: Ledil Oy C12726_STRADA-SQ-T-DWC/CA12889_STRADA-SQ-T-DWC (Cree XM-L 90lm @ 250mA) Efficiency=94%
Lamps: 1 x Cree XM-L 90lm @ 250mA



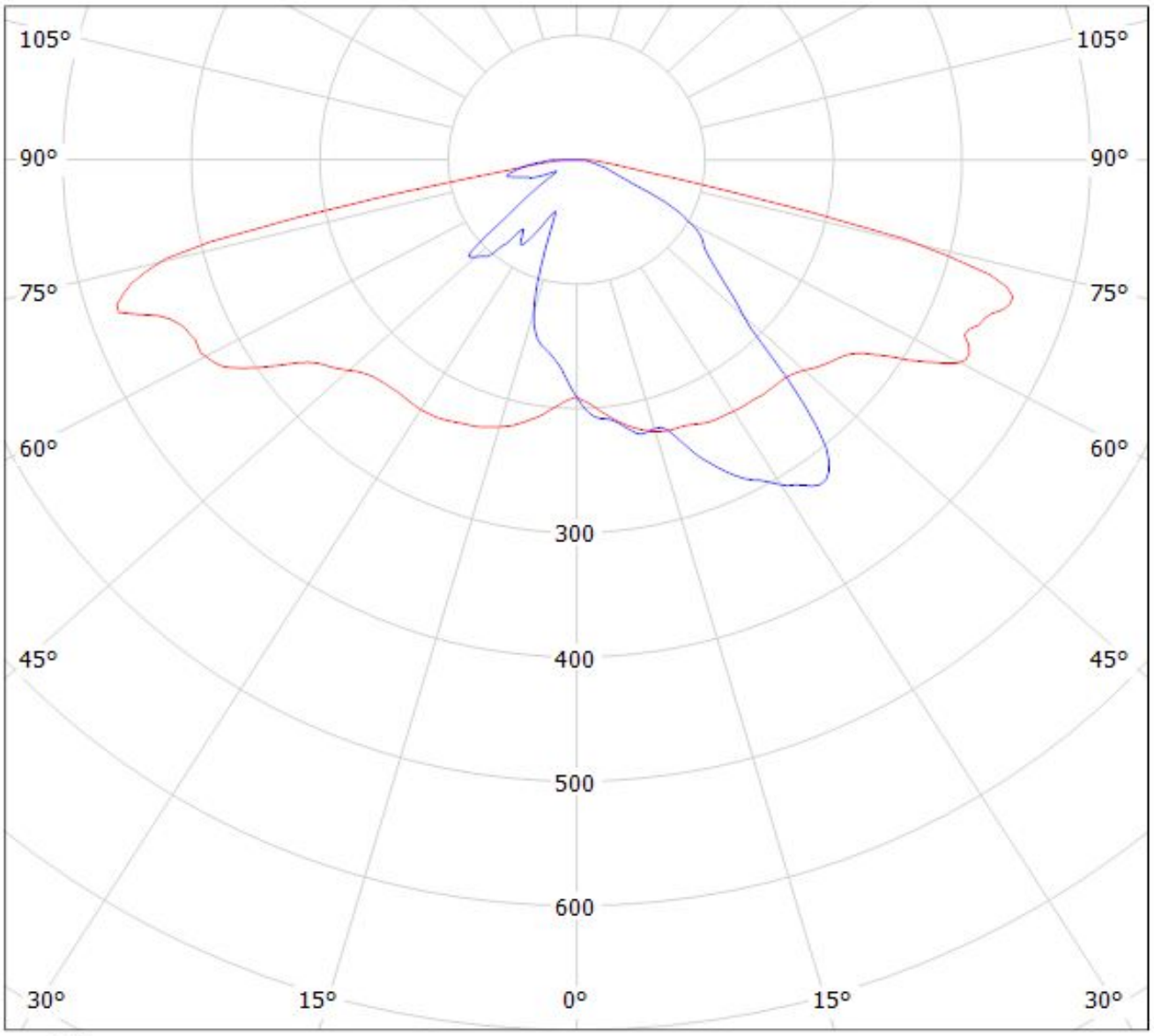
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Lamps: 1 x CRee XM-L2 (XMLBWT-0-7B4-T30-0L-0001) 91lm @ 250mA CCT=3220K P=0.7W I=250mA



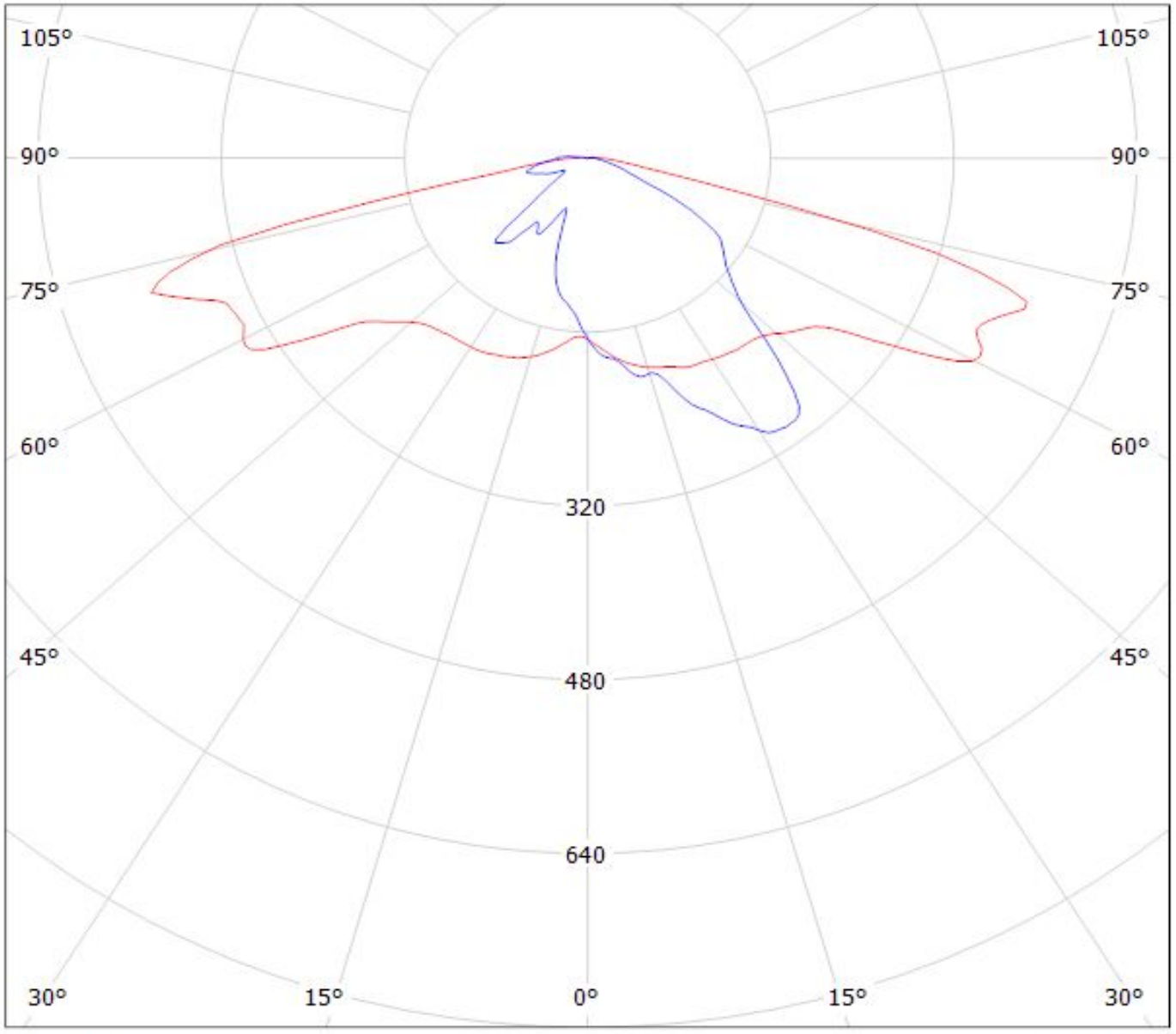
cd/klm

C0 - C180 C90 - C270

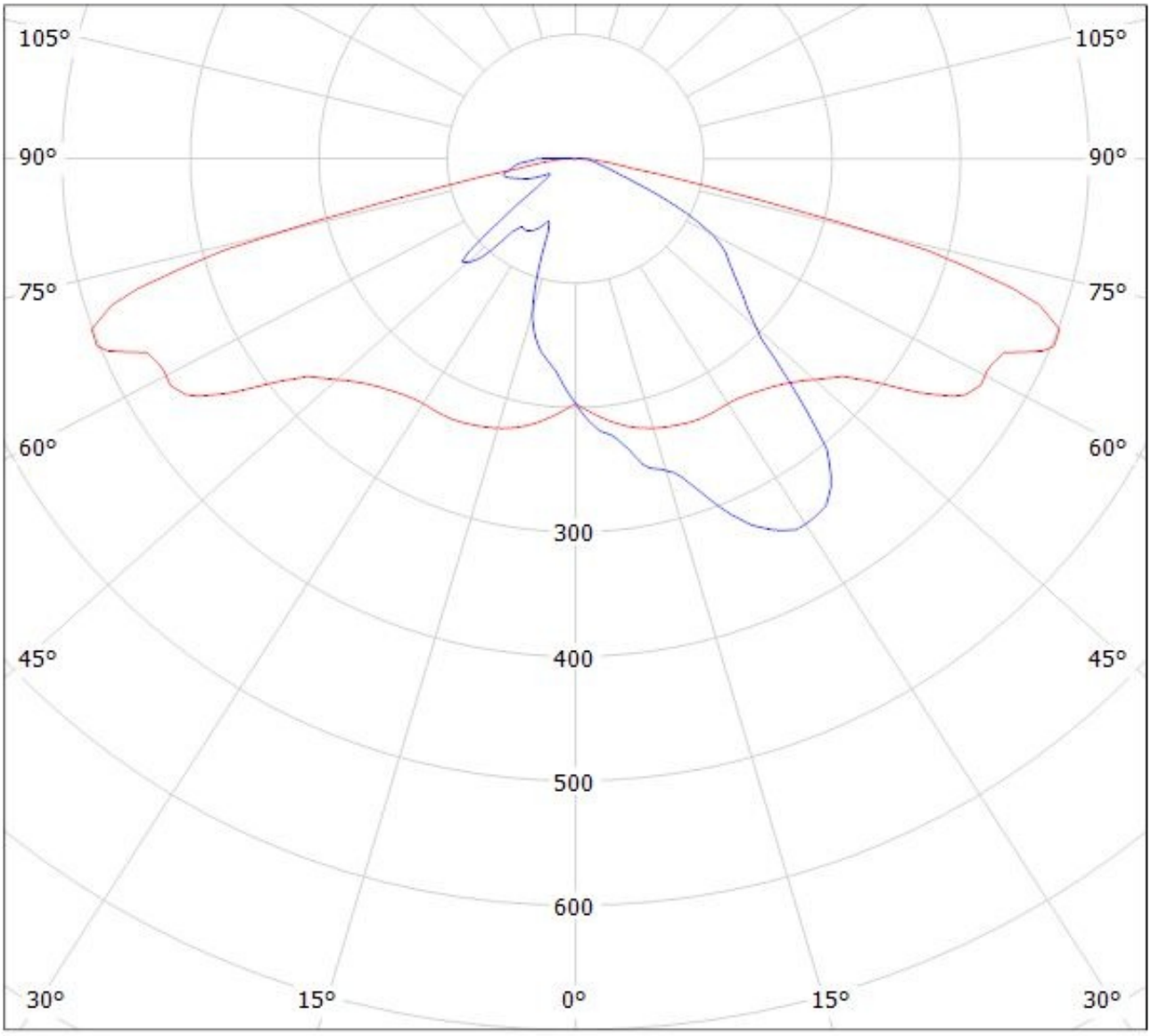
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Lamps: 1 x CREE MKR (362lm@250mA)



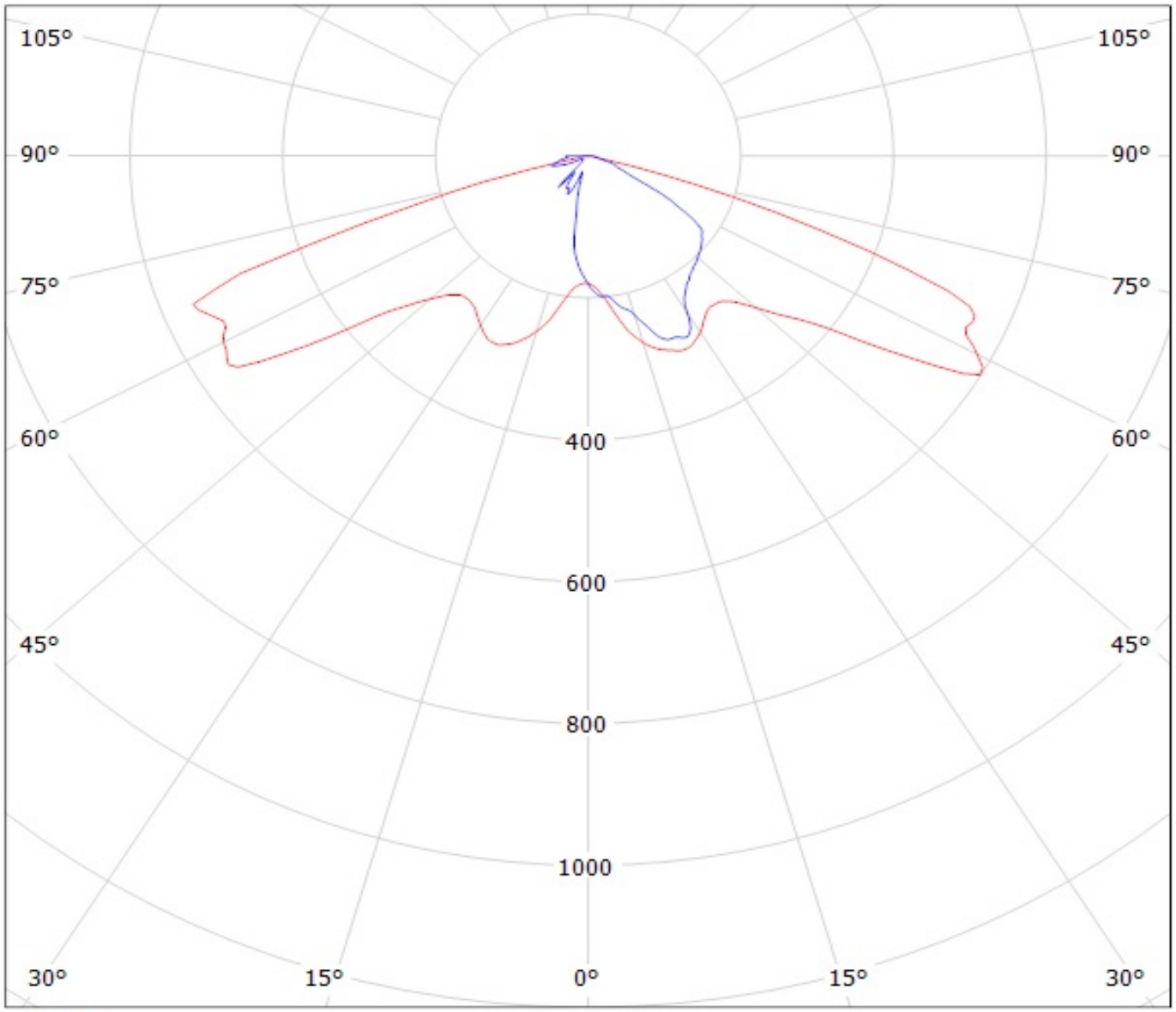
Luminaire: LEDiL Oy CA12889_STRADA-SQ-T-DWC_(CREE_XHP50_COOLWHITE)
Lamps: 1 x CREE_XHP50_COOLWHITE_242.798@0.250A_P=1.42658W_I=0.2499A



Luminaire: LEDiL C12726&CA12889_STRADA-SQ-T-DWC (Luxeon M) Efficiency=94%
Lamps: 1 x Luxeon M (360lm@250mA)



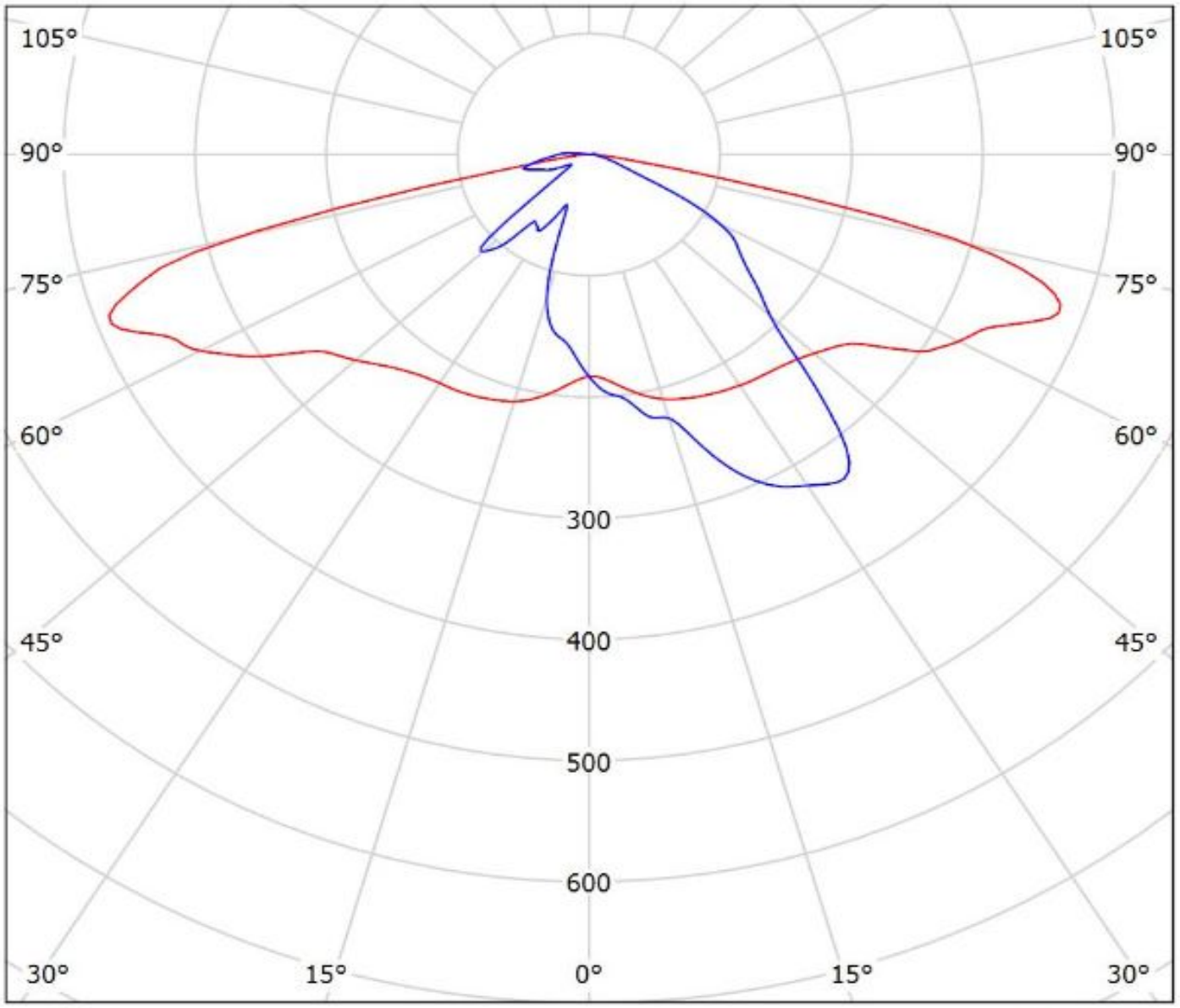
Luminaire: LEDiL Oy CA12889_STRADA-SQ-T-DWC_(LUXEON-MZ) Eff: 91%
Lamps: 1 x LUXEON-MZ_260.22lm@250mA_P=2.7399W_I=249.9mA



cd/klm

C0 - C180 C90 - C270

Luminaire: Ledil CA12889_STRADA-SQ-T-DWC_(LUXEON_XR-M_Linear_1x4)
Lamps: 1 x Lumiled_LUXEON_XR-M_Linear_1x4_1798.32lm@250mA_P=11.005W_I=0.25A

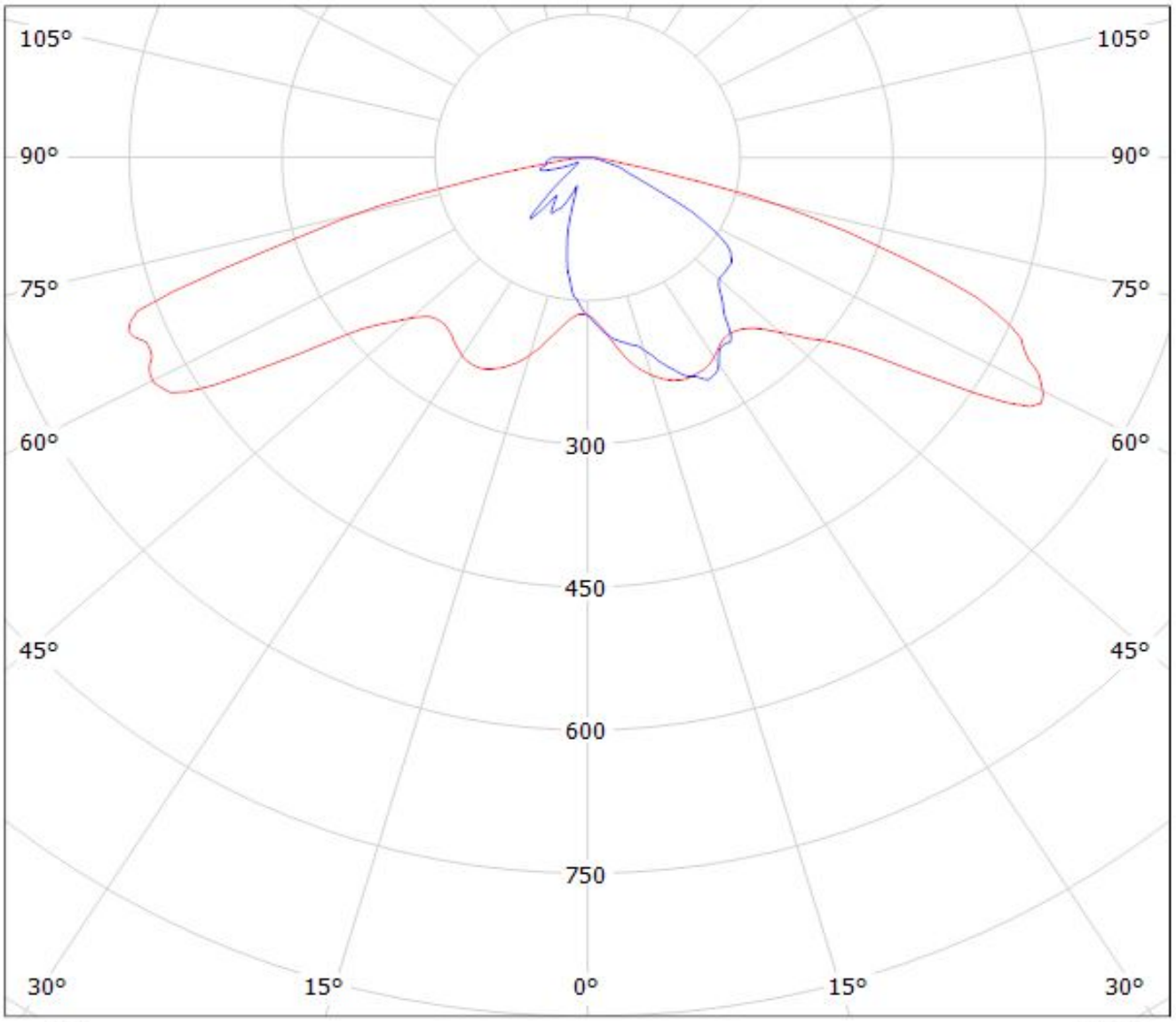


cd/klm

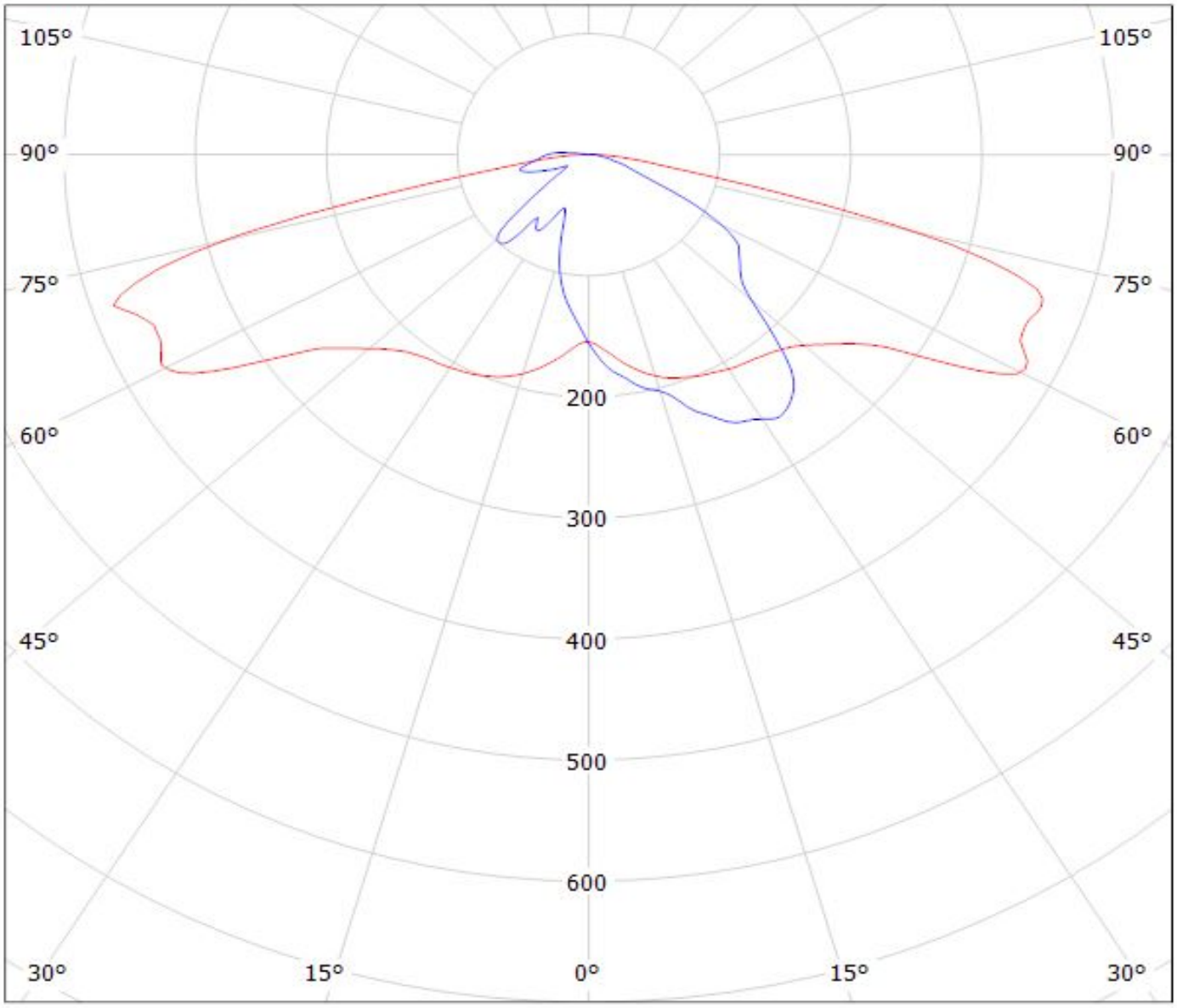
η = 91%

C0 - C180 C90 - C270

Luminaire: LEDiL Oy CA12889_STRADA-SQ-T-DWC_(NS9x383) Eff. 89,9%
Lamps: 1 x Nichia NS9x383 (105lm@250mA)



Luminaire: LEDiL Oy CA12889_STRADA-SQ-T-DWC_(NV4x144A)
Lamps: 1 x Nichia_NV4x144A_477.906lm@250mA_P=2.8045W_I=0.250A

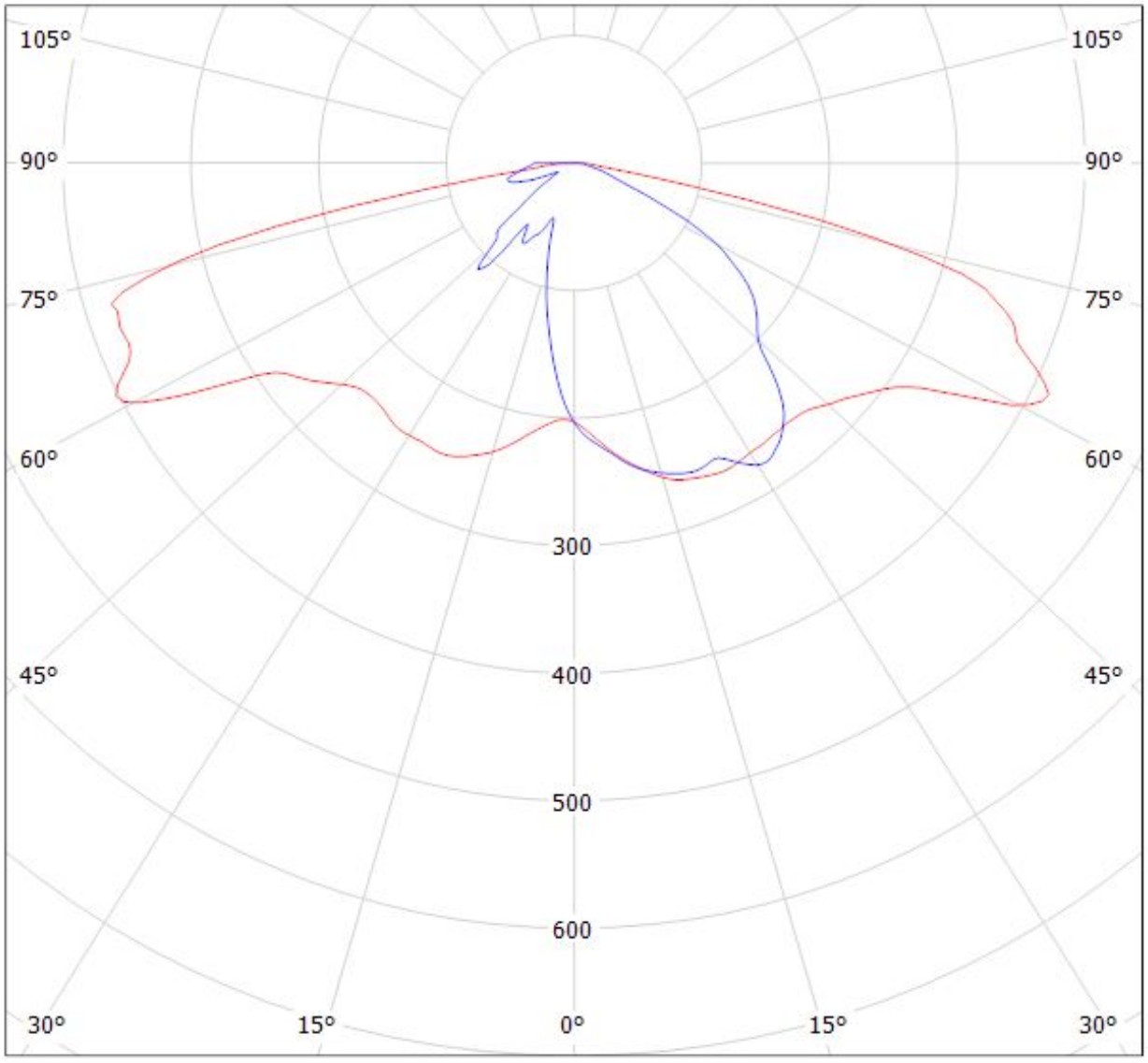


cd/klm

η = 90%

C0 - C180 C90 - C270

Luminaire: LEDiL Oy CA12889_STRADA-SQ-T-DWC_(OLP-5065F6L-06A) Eff.91.4%
Lamps: 1 x OPTOGAN_(OLP-5065F6L-06A-80-D05O0) 106.528lm@250mA CCT=5000K P=0.777664W I=249.9mA

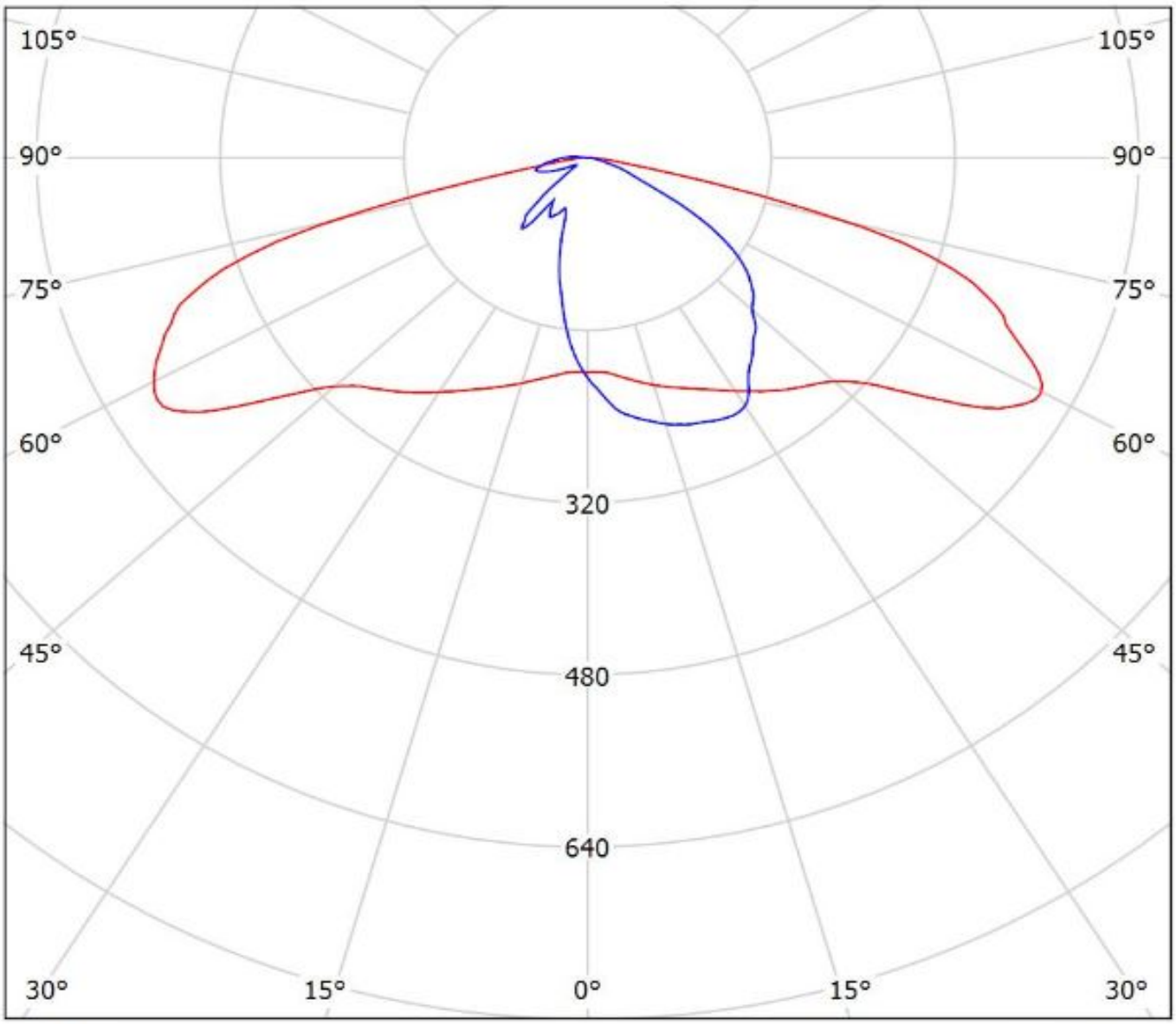


cd/klm

η = 91%

C0 - C180 C90 - C270

Luminaire: Ledil CA12889_STRADA-SQ-T-DWC_(Duris_S10)
Lamps: 1 x Osram_Duris_S10_(GW-P7LP32.EM)_992.375lm@250mA_P=9.2362W_I=0.25A



cd/klm

η = 90%

C0 - C180 C90 - C270

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.