

## DETAILS

<b>Product Number</b>	C13299_STRADA-2X2-ME
<b>Family</b>	Strada-Module
<b>Type</b>	Lens array
<b>Color</b>	clear
<b>Diameter</b>	50 + 50 mm
<b>Height</b>	7,1 mm
<b>Style</b>	square
<b>Optic Material</b>	PMMA
<b>Holder Material</b>	
<b>Fastening</b>	glue, pin, screw
<b>Status</b>	production ready
<b>ROHS Compliant</b>	Yes
<b>Date Updated</b>	2/11/2016



## OPTICAL PROPERTIES

LED	Viewing Angle	Light Beam	Efficiency	cd/lm	Connector
XT-E	Asymmetric deg	Streetligh...	94 %	1.000	-
XM-L	Asymmetric deg	Streetligh...	94 %	0.700	-
XB-D	Asymmetric deg	Streetligh...	94 %	1.150	-
XP-G2	Asymmetric deg	Streetligh...	94 %	1.100	-
XP-G	Asymmetric deg	Streetligh...	94 %	1.000	-
XQ-E	sim: Asymmetri	Streetligh...	sim: 90 %	-	-
XP-E2	Asymmetric deg	Streetligh...	94 %	1.300	-
XM-L2	asymmetric deg	Streetligh...	94 %	0.700	-
XB-H	sim: Asymmetri	Streetligh...	sim: 91 %	-	-
XP-L	Asymmetric deg	Streetligh...	94 %	0.720	-
XP-L HI	asymmetric deg	Streetligh...	94 %	1.000	-
XHP35 HD	sim: Asymmetri	Streetligh...	sim: 90 %	-	-
XHP35 HI	sim: Asymmetri	Streetligh...	sim: 92 %	-	-
XP-G3	sim: asym	Streetligh...	sim: 90 %	sim: 0.700	-
XP-L2	Asymmetric deg	Streetligh...	94 %	0.630	-
H35C1 (LEMWA33)	Asymmetric deg	Streetligh...	94 %	0.900	-
LUXEON R	Asymmetric deg	Streetligh...	94 %	0.900	-
LUXEON Rebel ES	Asymmetric deg	Streetligh...	94 %	1.000	-
LUXEON T	asymmetric deg	Streetligh...	94 %	0.970	-
LUXEON Z ES	Asymmetric deg	Streetligh...	94 %	1.400	-
LUXEON Q	asymmetric deg	Streetligh...	94 %	1.000	-
LUXEON H50-2	sim: Asymmetri	Streetligh...	-	-	-
LUXEON MZ	asymmetric deg	Streetligh...	94 %	0.700	-
LUXEON TX	asymmetric deg	Streetligh...	94 %	0.960	-
LUXEON 5050	Asymmetric deg	Streetligh...	94 %	0.570	-



# PRODUCT DATASHEET

## Strada-Module series

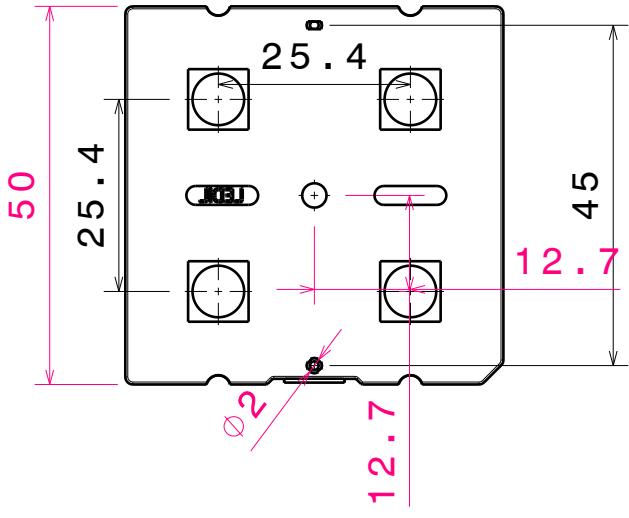
last update 2/11/2016

### OPTICAL PROPERTIES

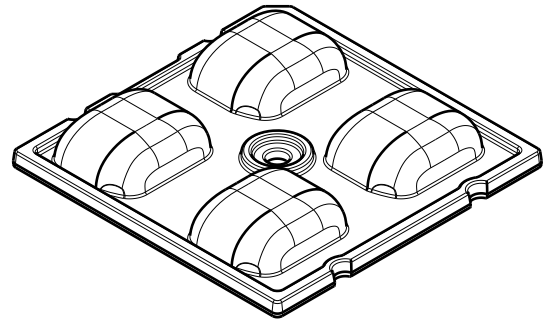
LED	Viewing Angle	Light Beam	Efficiency	cd/lm	Connector
NS9x383	Asymmetric deg	Streetligh...	94 %	0.600	-
NVSxx19B/NVSxx19C	asymmetric deg	Streetligh...	94 %	0.900	-
NWSx229A	Asymmetric deg	Streetligh...	94 %	0.620	-
NVSW3x9A	Asymmetric deg	Streetligh...	94 %	0.770	-
Oslon Square PC	Asymmetric deg	Streetligh...	94 %	1.000	-
Duris S8	sim: Asymmetri	Streetligh...	sim: 92 %	sim: 0.630	-
Oslon Square Gen3	Asymmetric deg	Streetligh...	94 %	0.980	-
Duris P8	sim: Asymmetri	Streetligh...	sim: 92 %	sim: 0.740	-
Fortimo FastFlex LED board 2x8/740 DA	Asymmetric deg	Streetligh...	94 %	1.100	-
LH351B	Asymmetric deg	Streetligh...	94 %	0.740	-
LH351D	Asymmetric deg	Streetligh...	94 %	0.590	-
Z5P	Asymmetric deg	Streetligh...	94 %	1.000	-
Acrich MJT 4040	Asymmetric deg	Streetligh...	94 %	0.800	-
Z5M	Asymmetric deg	Streetligh...	94 %	1.000	-
Z5M1/Z5M2	asymmetric deg	Streetligh...	94 %	0.800	-
Z8Y22P	Asymmetric deg	Streetligh...	94 %	0.840	-
TL1L3	Asymmetric deg	Streetligh...	94 %	0.680	-
TL1L4	Asymmetric deg	Streetligh...	91 %	0.880	-
RLE G1 49x223mm 4000lm xxx EXC OT	Asymmetric deg	Streetligh...	94 %	1.100	-
RLE G1 49x245mm 4000lm xxx EXC OT	Asymmetric deg	Streetligh...	94 %	1.100	-
RLE G1 49x121mm 2000lm xxx EXC OT	Asymmetric deg	Streetligh...	94 %	1.100	-
RLE G1 49x133mm 2000lm xxx EXC OT	Asymmetric deg	Streetligh...	94 %	1.100	-

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4



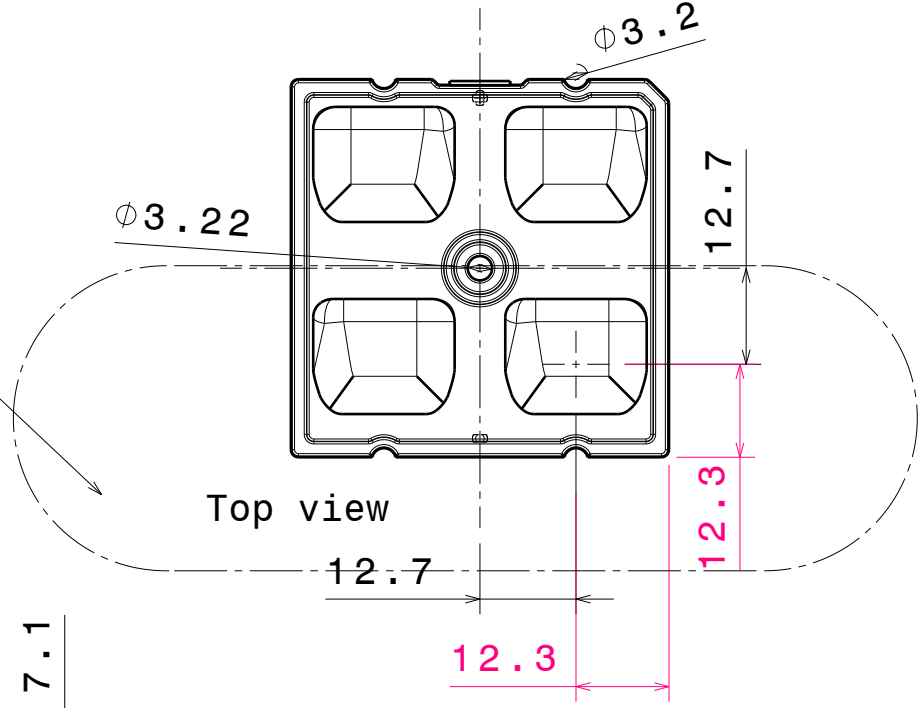
Bottom view



Isometric view

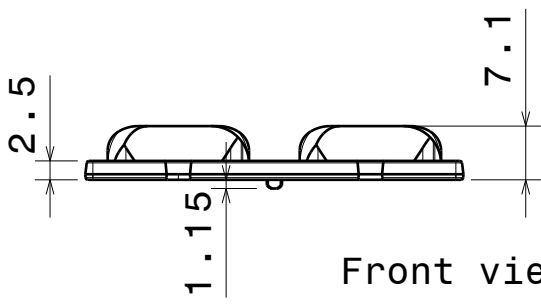
3

Beam Direction



Top view

2



Front view

4

3

2

INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	C13299	STRADA-2X2-ME	PMMA 8N	TRANSPARENT

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  
**C13299\_STRADA-2X2-ME**

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SIZE	PART NUMBER
A4	C13299

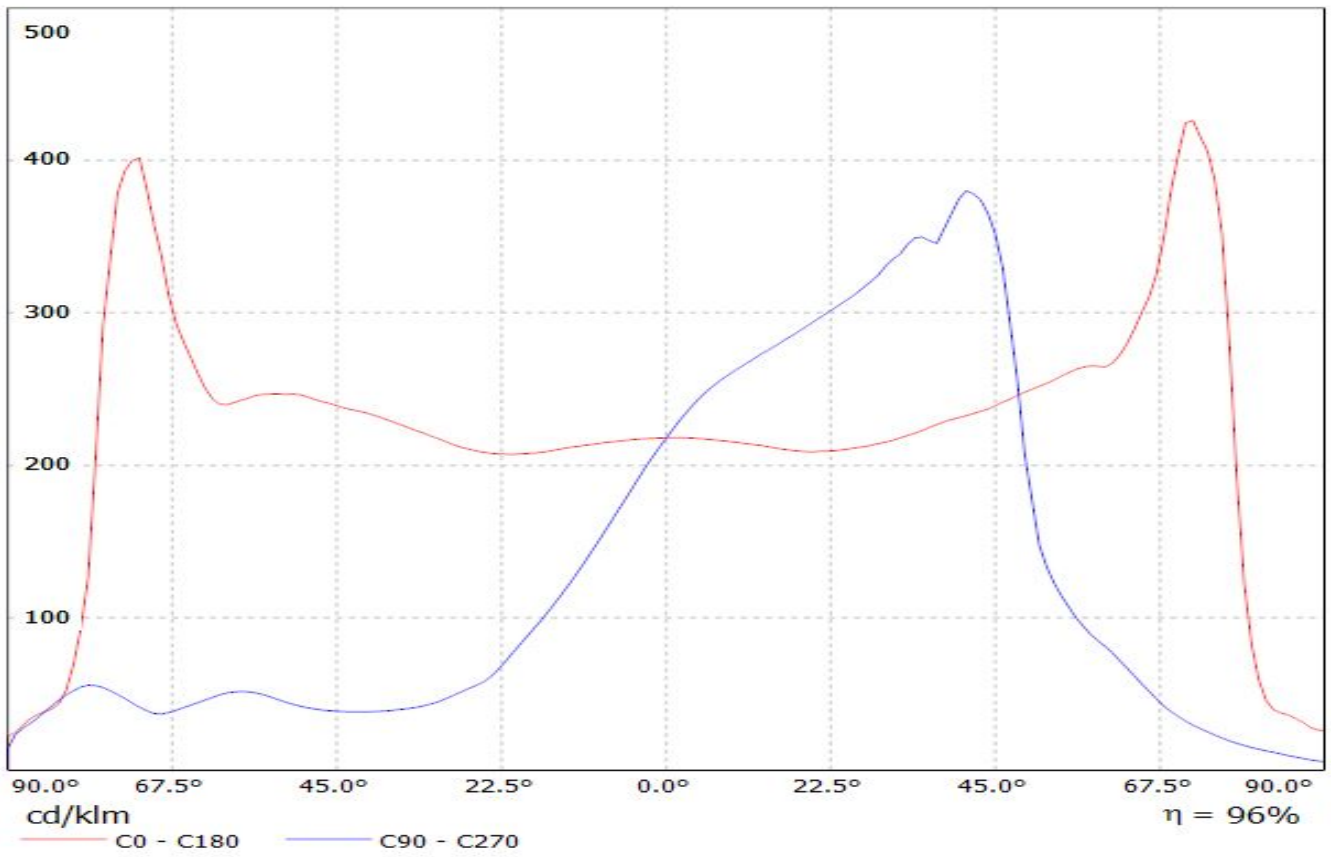
SCALE	1:1	WEIGHT	SHEET	1/1
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1

1

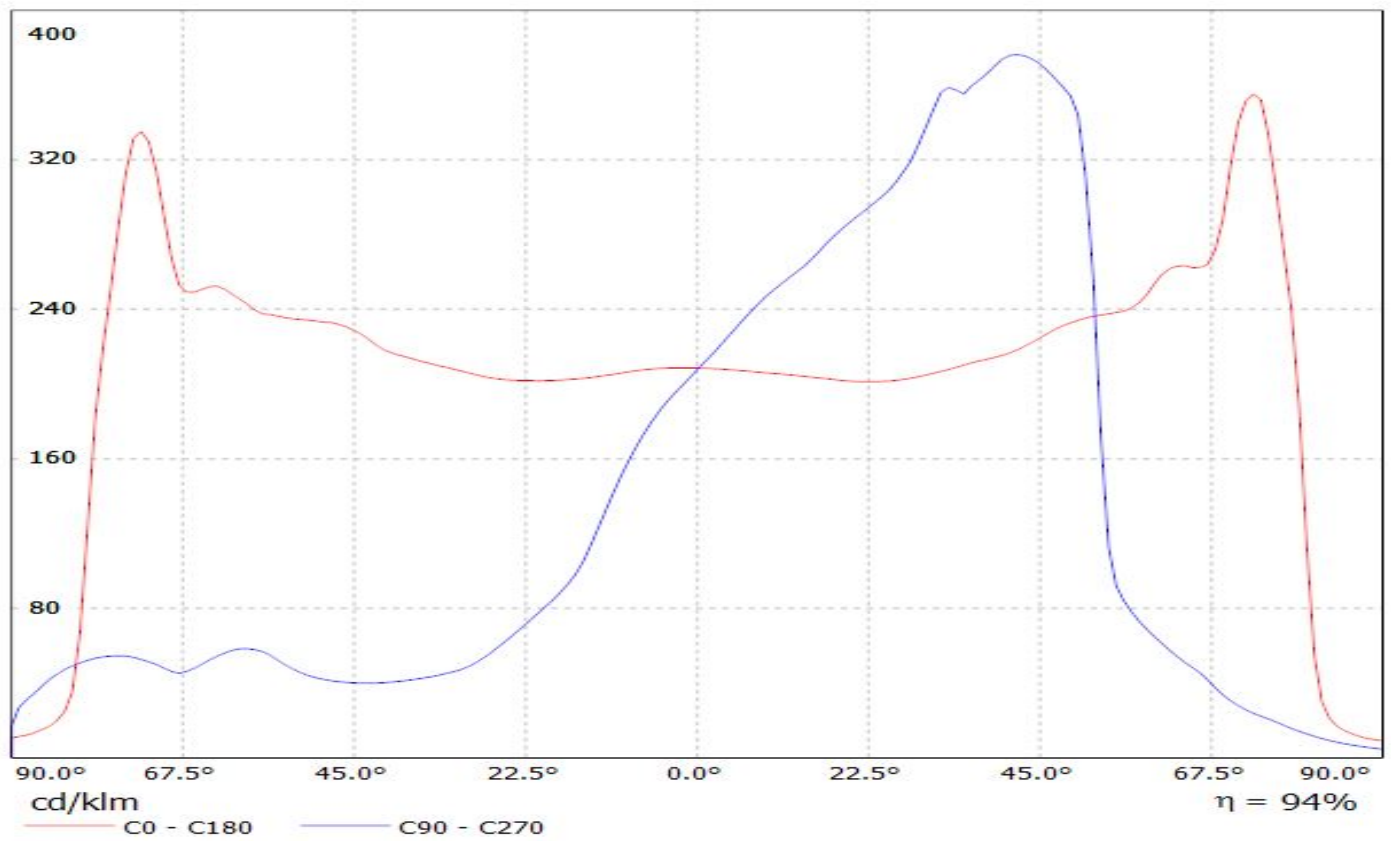
D A

Luminaire: LEDiL Oy C13299\_STRADA-2X2-ME\_(XT-E)\_3 Eff.94.0%  
Lamps: 1 x CREE\_XT-E\_385.199lm@250mA\_CCT=5717K



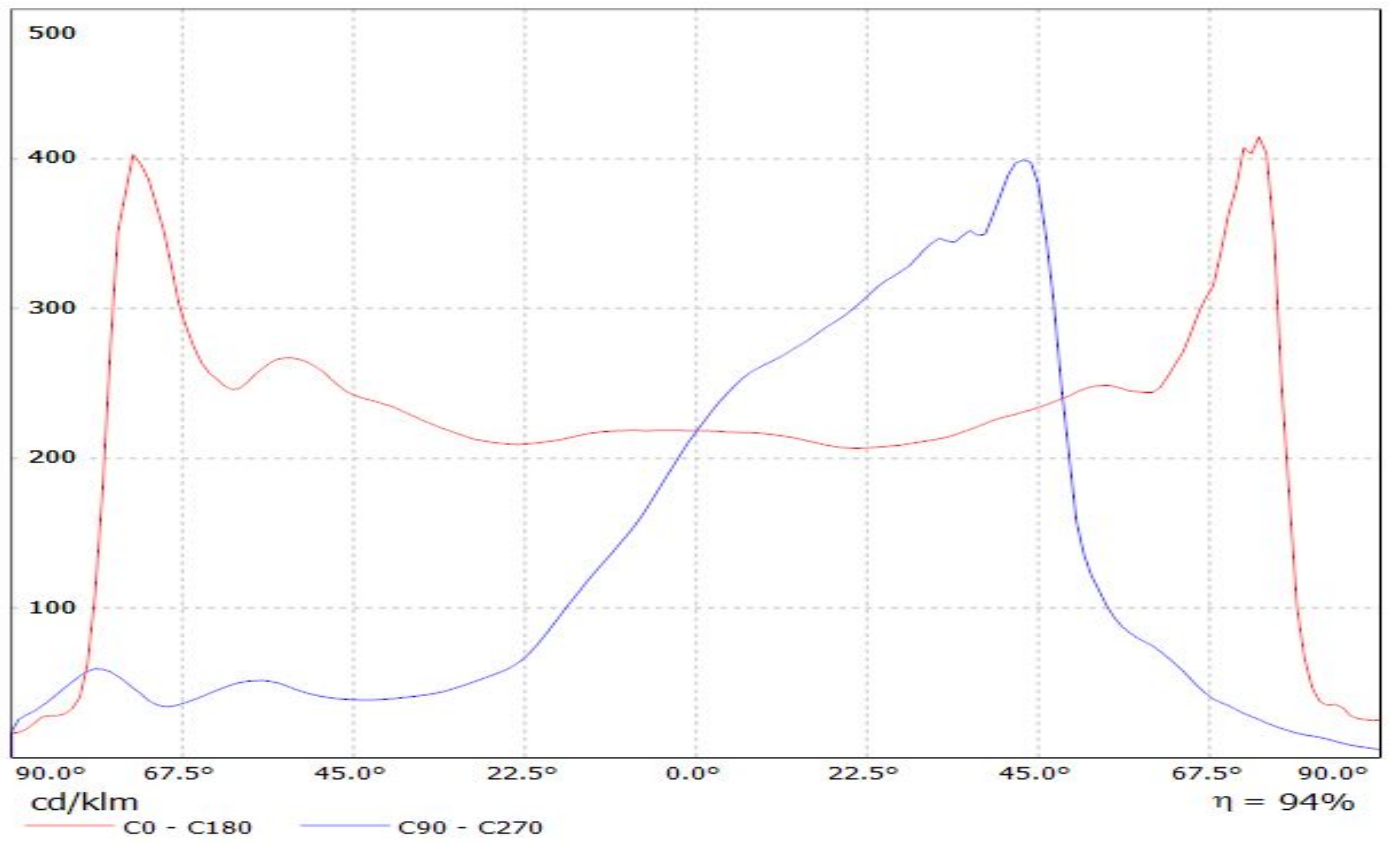
# LEDiL Oy C13299\_STRADA-2X2-ME\_(XM-L) Eff.94.0% / LDC (Linear)

Luminaire: LEDiL Oy C13299\_STRADA-2X2-ME\_(XM-L) Eff.94.0%  
Lamps: 1 x XM-L\_2x2\_360.4lm@250mA\_P=2.82462W\_I=249.9mA



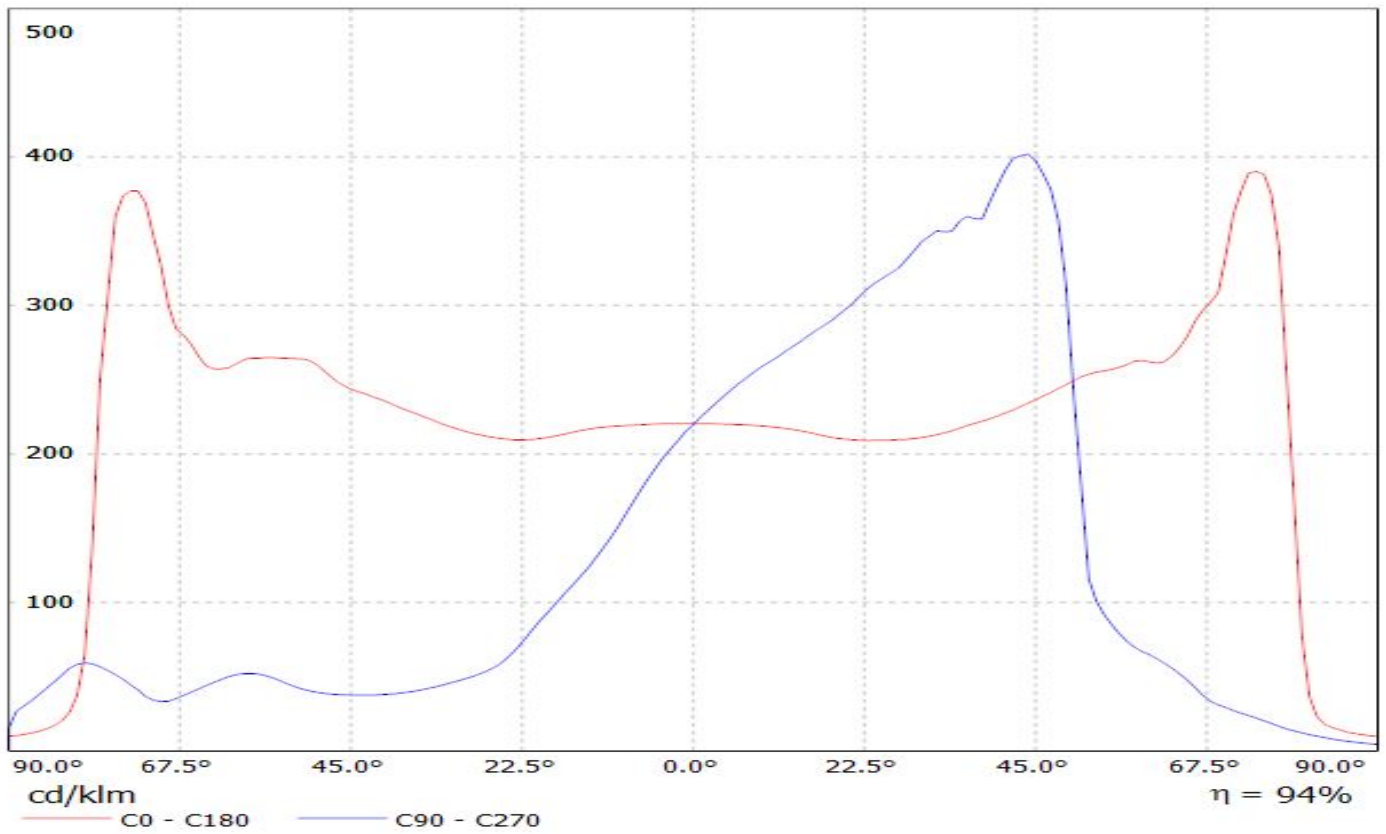
**LEDiL Oy C13299\_STRADA-2X2-ME\_(XB-D) Eff.94.0% / LDC (Linear)**

Luminaire: LEDiL Oy C13299\_STRADA-2X2-ME\_(XB-D) Eff.94.0%  
Lamps: 1 x XB-D\_2x2\_368.85lm@250mA\_P=3.06227W\_I=249.9mA



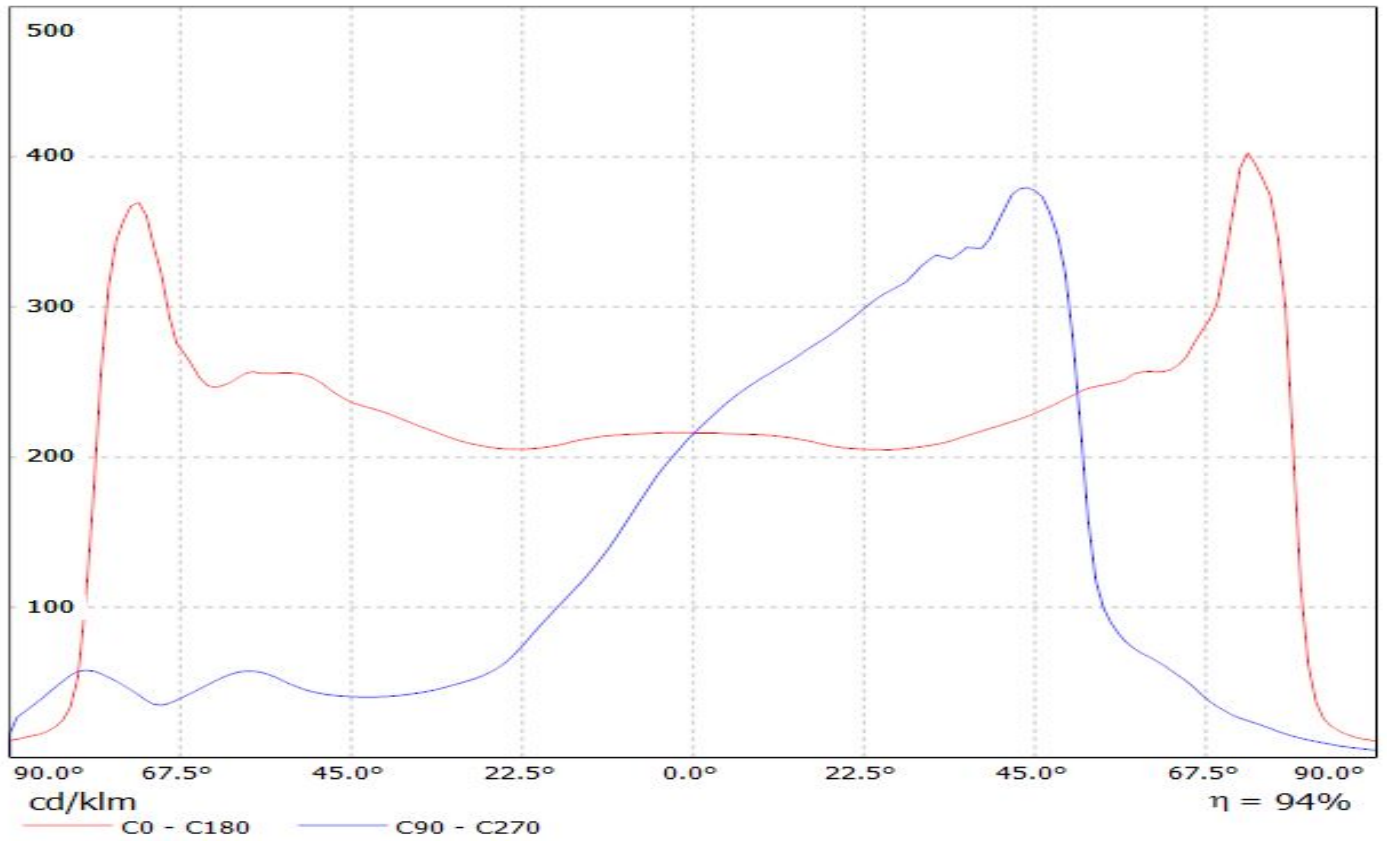
# LEDiL Oy C13299\_STRADA-2X2-ME\_(XP-G2) Eff.94.0% / LDC (Linear)

Luminaire: LEDiL Oy C13299\_STRADA-2X2-ME\_(XP-G2) Eff.94.0%  
Lamps: 1 x XP-G2\_2x2\_(XPGBWT-L1-000-00G51)  
\_418.9lm@250mA\_CCT=7181K\_P=2.93358W\_I=249.9mA



# LEDiL Oy C13299\_STRADA-2X2-ME\_(XP-G) / LDC (Linear)

Luminaire: LEDiL Oy C13299\_STRADA-2X2-ME\_(XP-G)  
Lamps: 1 x XP-G\_2x2\_258.35lm@250mA\_P=2.88734W\_I=249.9mA



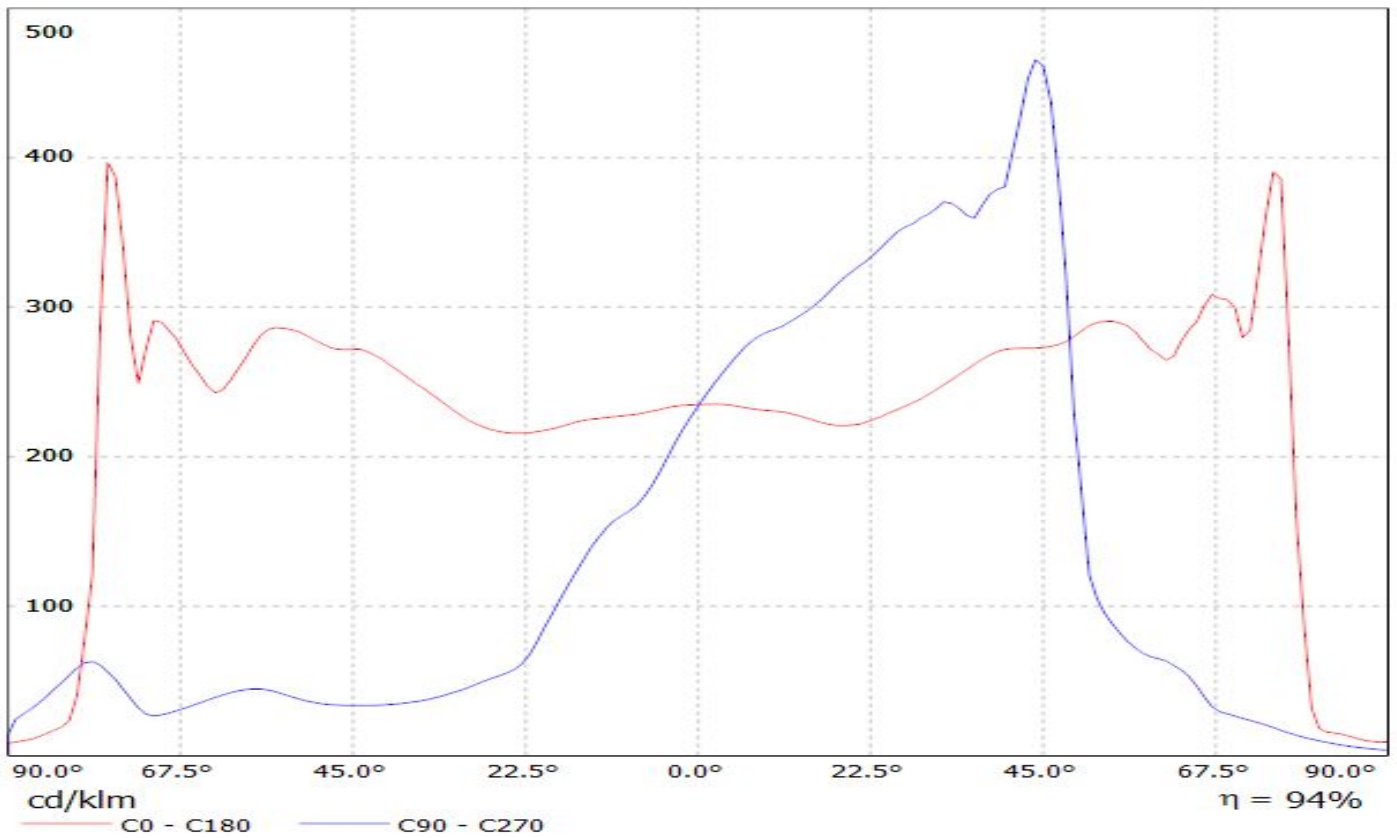


# LEDiL Oy C13299\_STRADA-2X2-ME\_(XP-E2) Eff.94.0% / LDC (Linear)

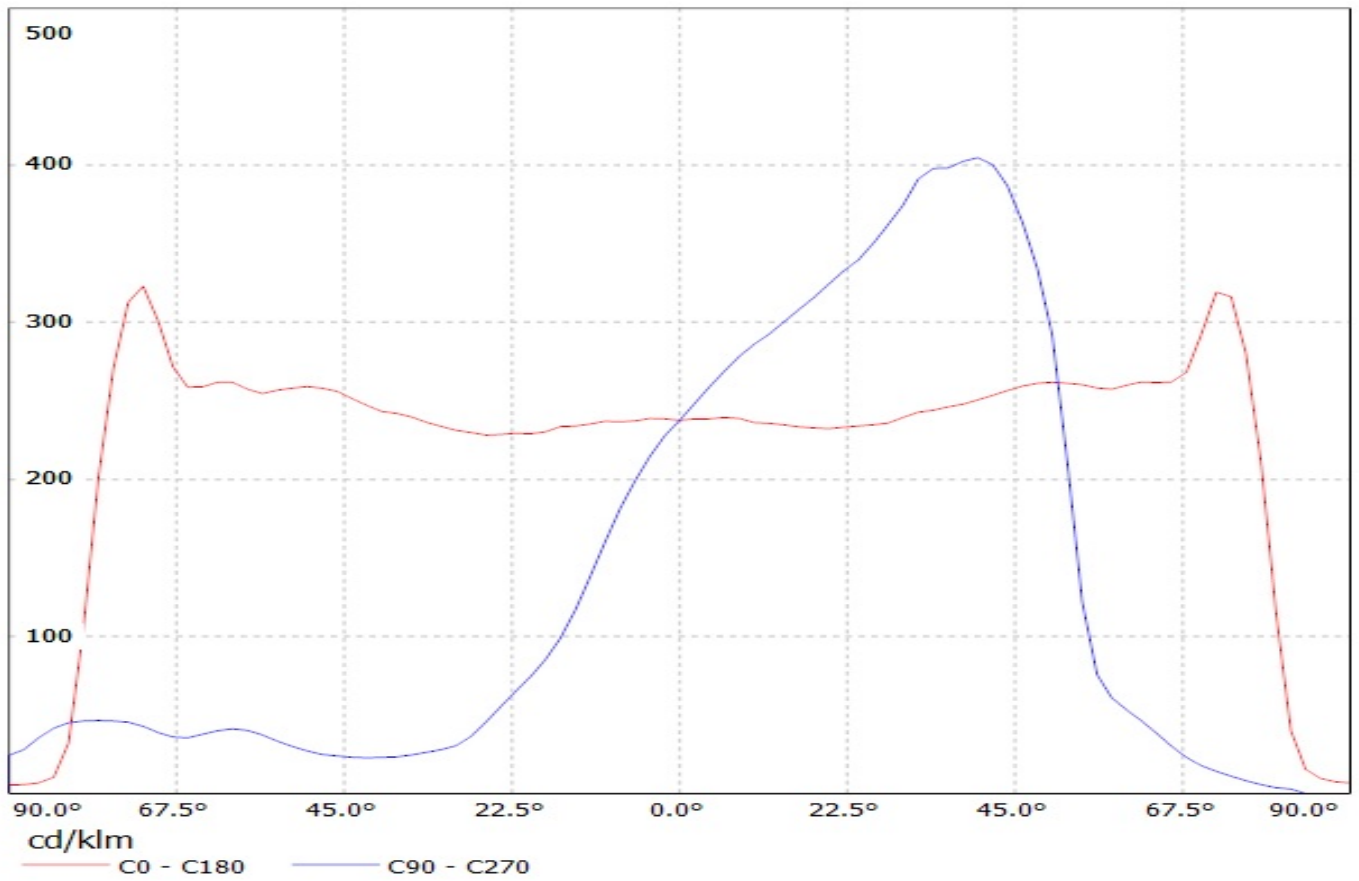
Luminaire: LEDiL Oy C13299\_STRADA-2X2-ME\_(XP-E2) Eff.94.0%

Lamps: 1 x CREE\_XP-E2\_2x2\_(XPEBWT-L1-7B4-Q4-0-01)

\_341.05lm@250mA\_P=2.92366W\_I=249.8mA

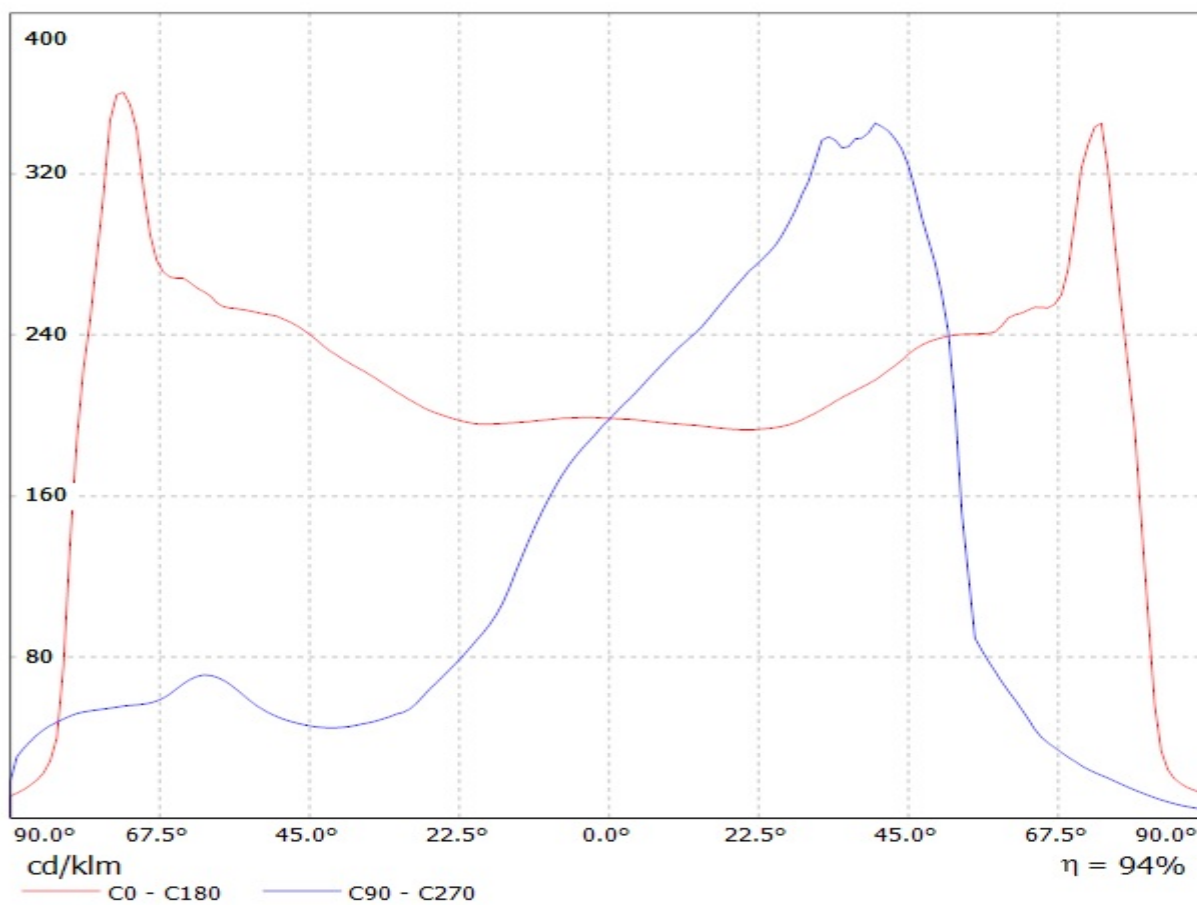


Luminaire: LEDil Oy C13299\_STRADA-2X2-ME\_(XM-L2) Efficiency=94%  
Lamps: 1 x Cree XM-L2 (XMLBWT-0-7B4-T30-0L-0001) 356lm @ 250mA CCT=3200K P=2.8W I=250mA

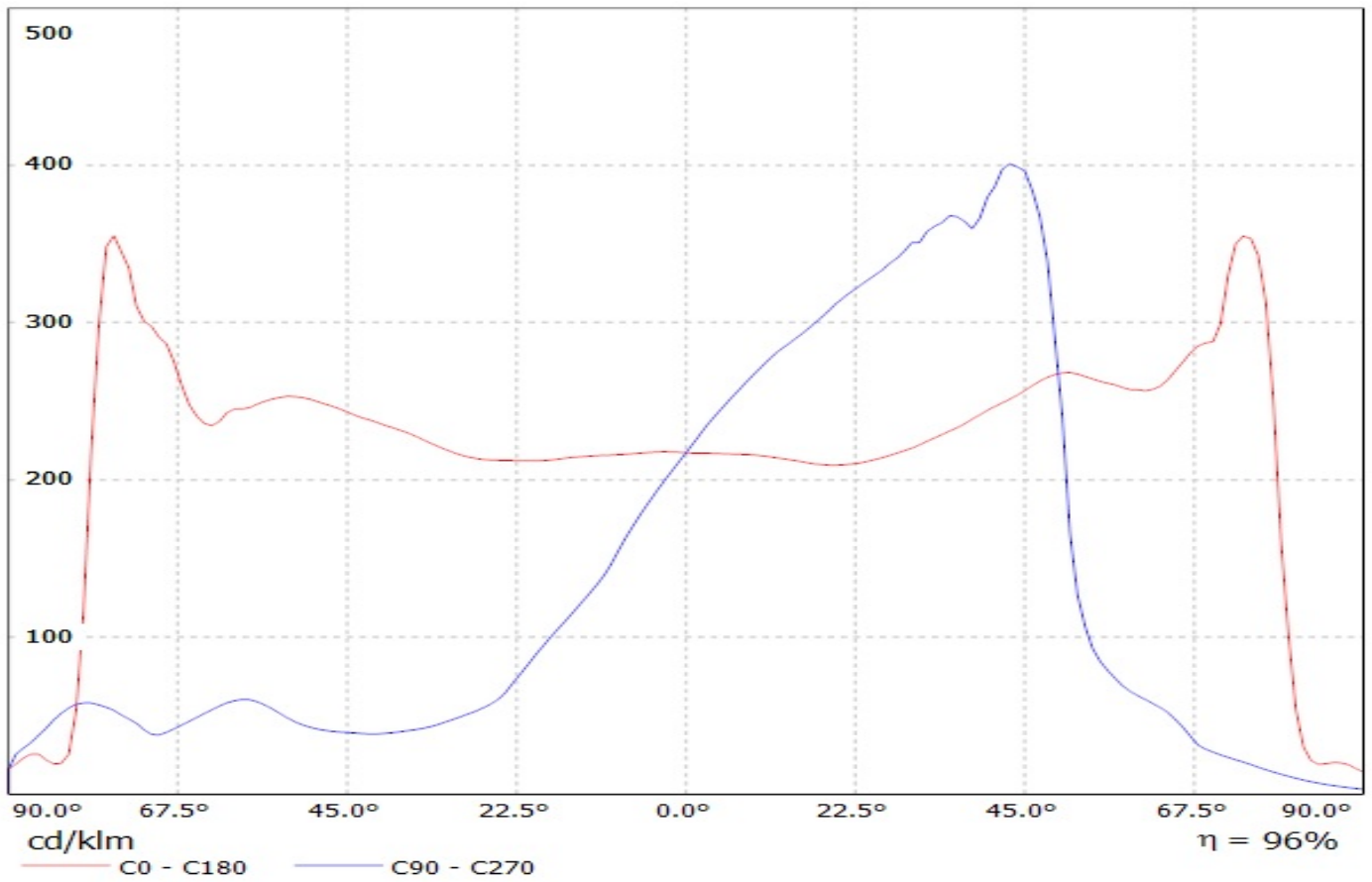


Luminaire: LEDiL Oy C13299\_STRADA-2X2-ME\_(XP-L)

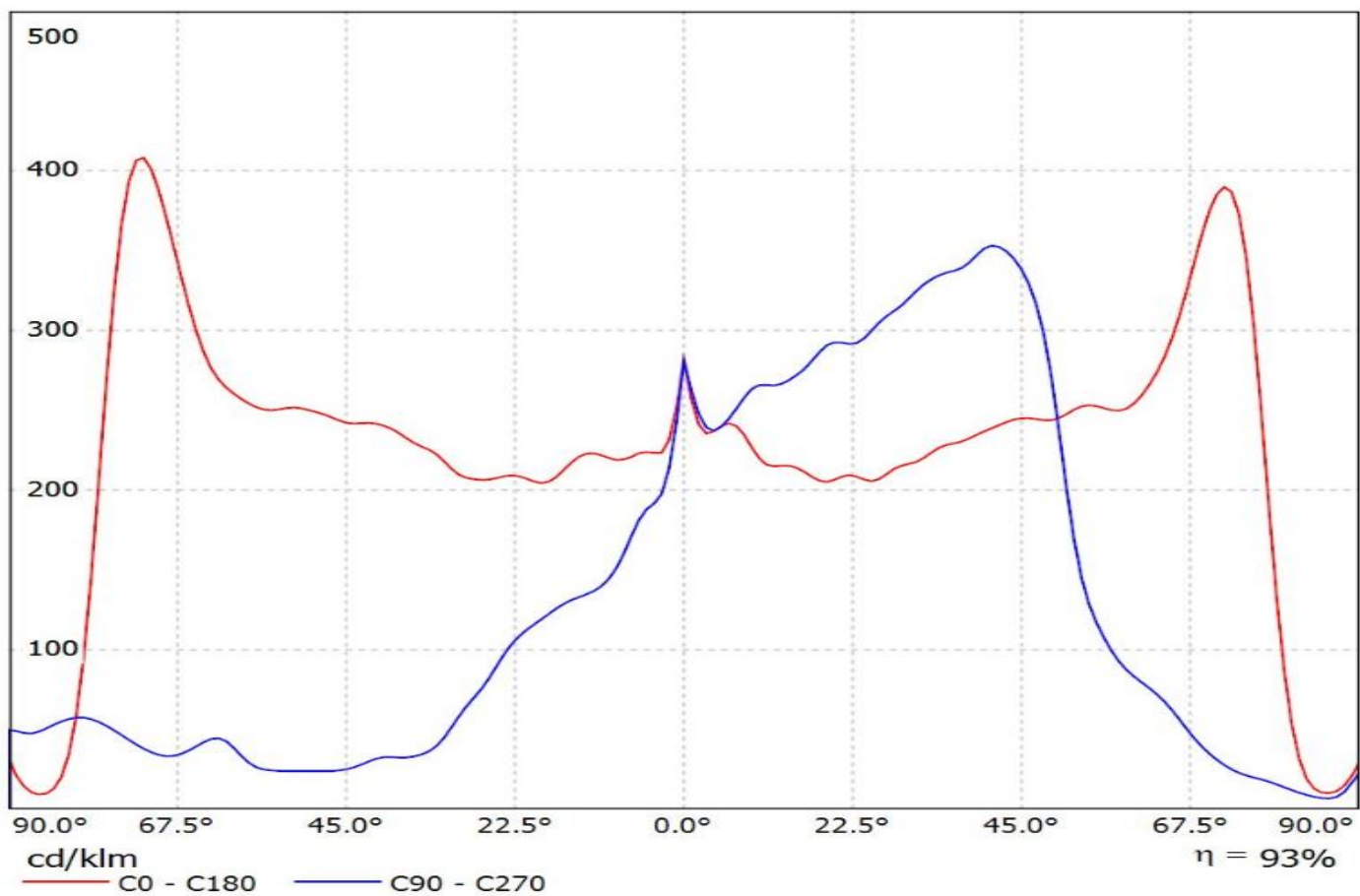
Lamps: 1 x CREE\_XP-L\_2x2\_(XPLAWT-0-1B0-V40-00-0001)\_518.95lm@250mA\_CCT=7600K\_P=2.79963W\_I=249.9mA



Luminaire: LEDiL Oy C13299\_STRADA-2X2-ME\_(XP-L\_HI)  
Lamps: 1 x Cree\_XP-L\_HI\_(2x2)\_(XPLAWT-H-5A3-U60-013-0001)  
\_455.077lm@250mA\_P=2.84011W\_I=0.2499A

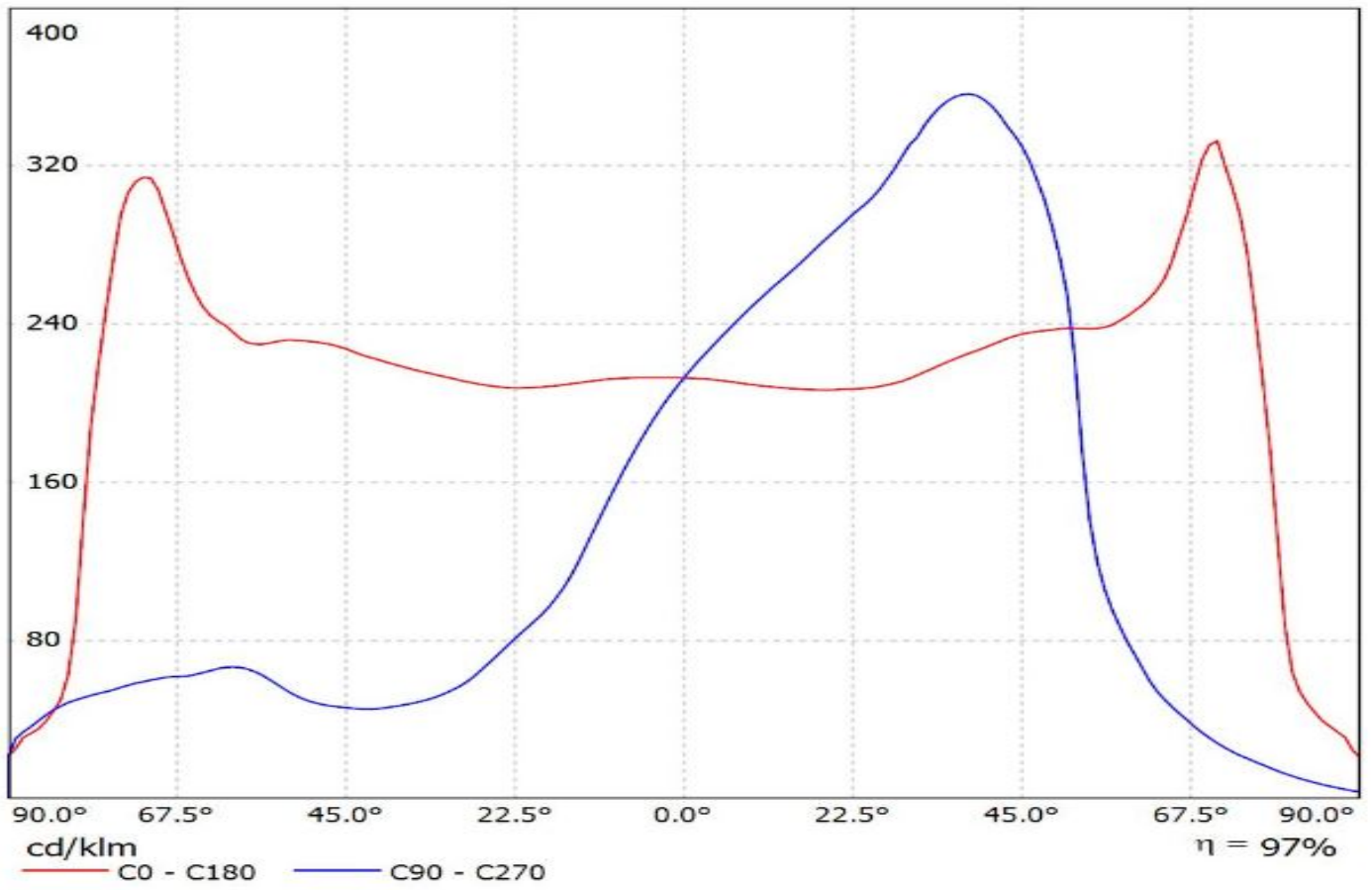


Luminaire: Ledil Oy C13299\_STRADA-2X2-ME\_CREE\_XP-G3\_SIMULATED  
Lamps: 1 x CREE XP-G3



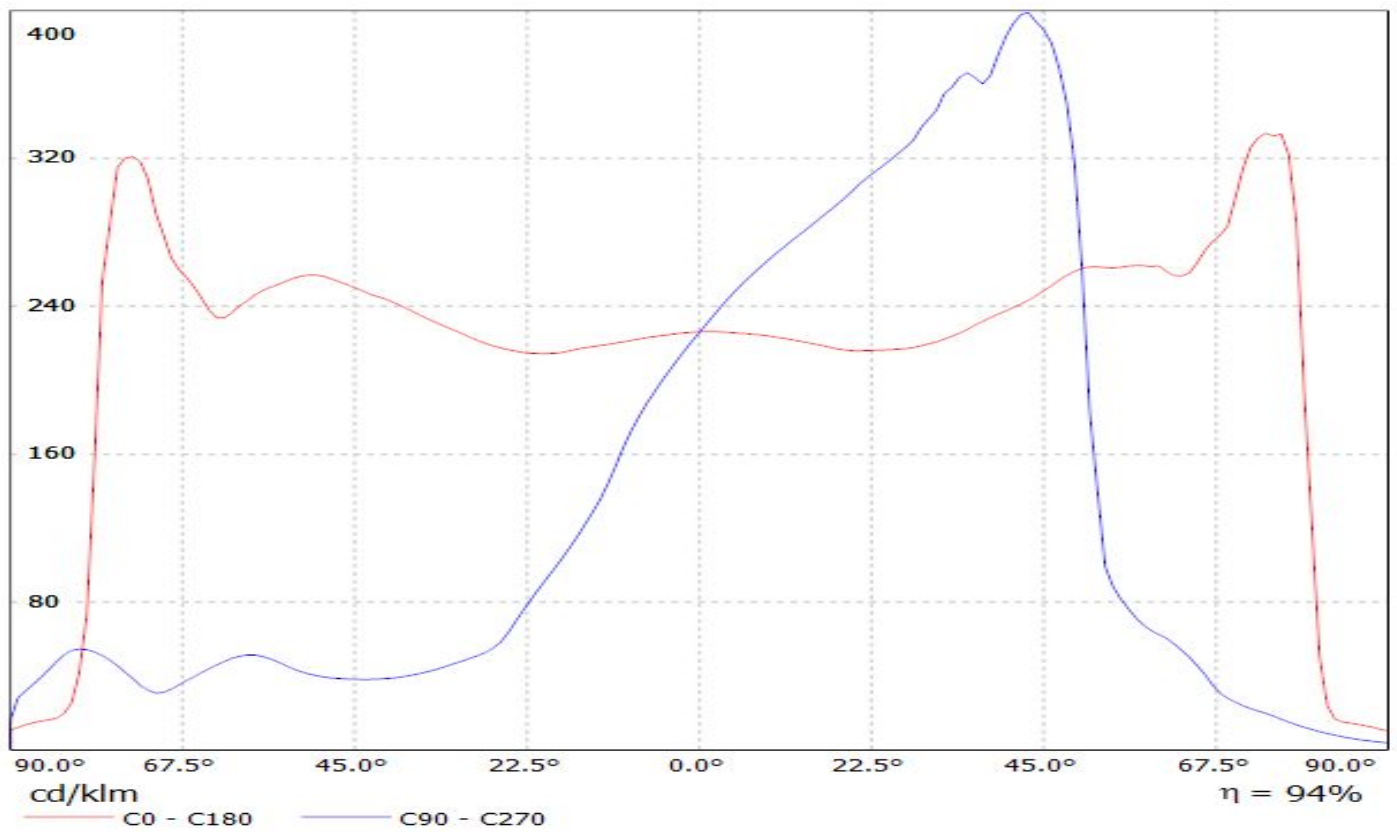
Luminaire: Ledil C13299\_STRADA-2X2-ME\_(XP-L2)

Lamps: 1 x Cree\_XP-L2\_2x2\_(XPLBWT-00-0000-000BV50E3)550.93lm@250mA\_P=2.7815W\_I=0.25A



**LEDiL Oy C13299\_STRADA-2X2-ME\_(LG-3535-CERAMIC-GEN2) Eff.94.0% /  
LDC (Linear)**

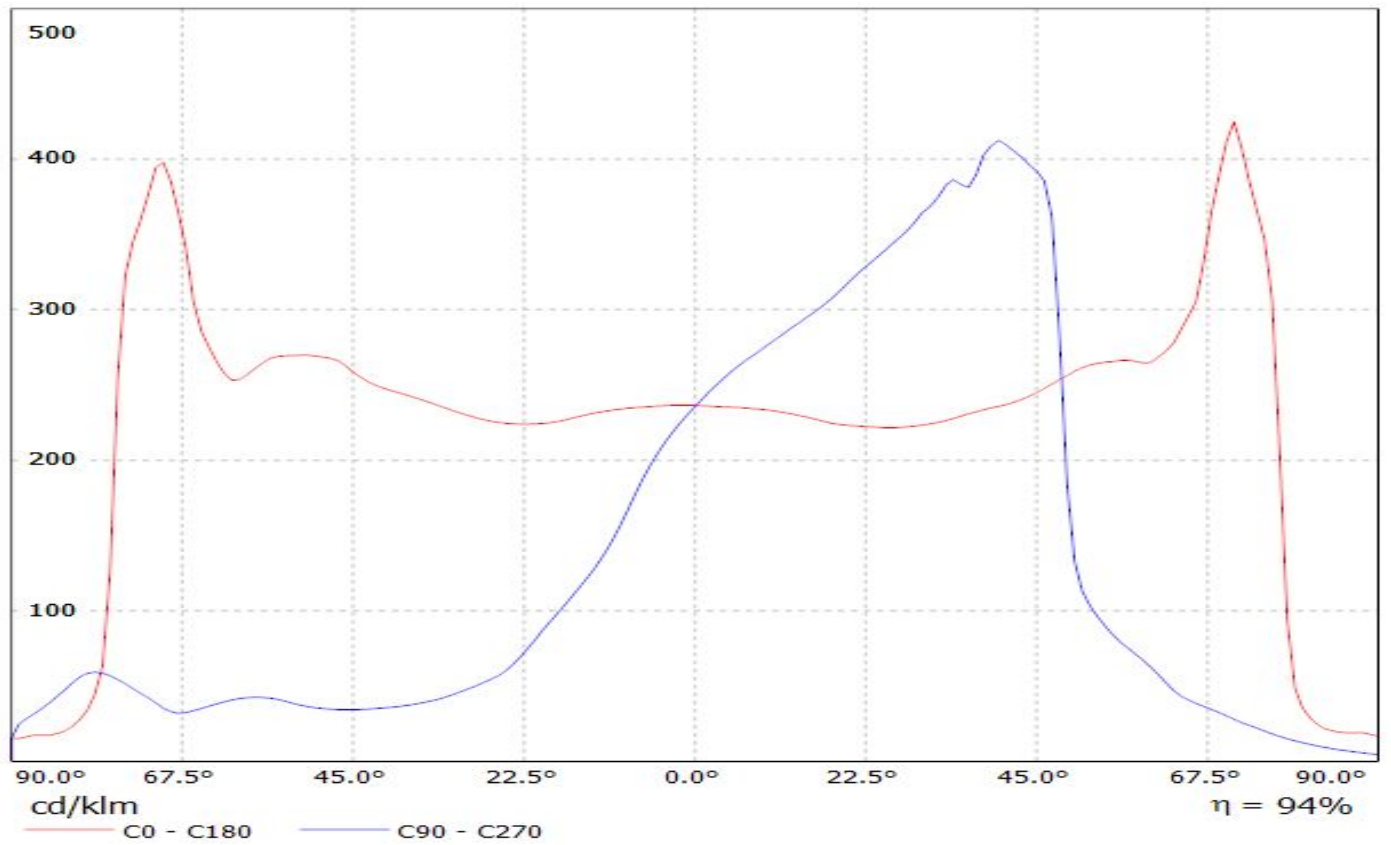
Luminaire: LEDiL Oy C13299\_STRADA-2X2-ME\_(LG-3535-CERAMIC-GEN2) Eff.94.0%  
Lamps: 1 x LG-3535-CERAMIC-GEN2\_2x2\_475.9lm@250mA\_P=2.8651W\_CCT=6562K\_I=249.9mA



# LEDiL Oy C13299\_STRADA-2X2-ME\_(Luxeon-R) Eff.94.0% / LDC (Linear)

Luminaire: LEDiL Oy C13299\_STRADA-2X2-ME\_(Luxeon-R) Eff.94.0%

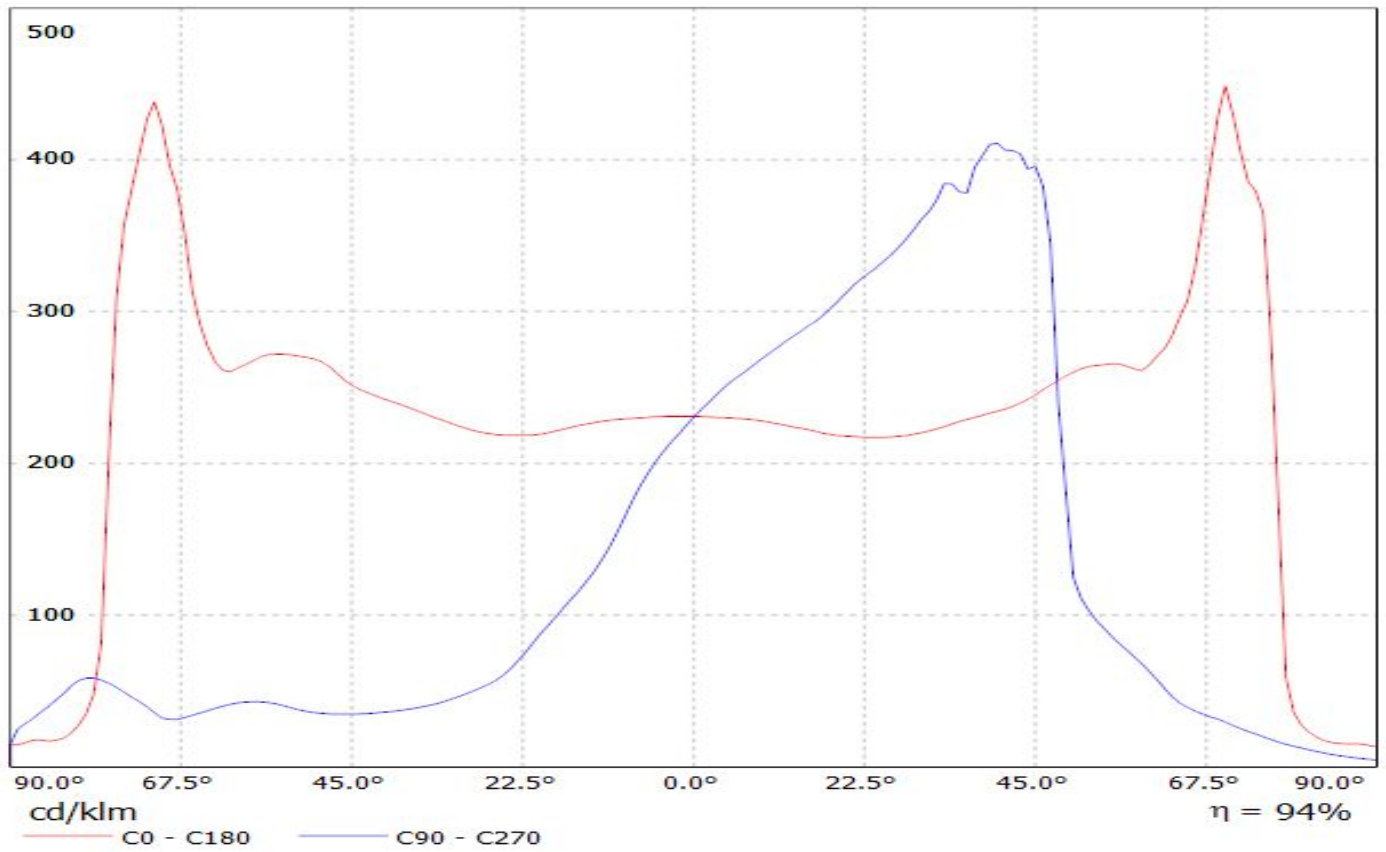
Lamps: 1 x Luxeon\_R\_2x2\_(LXA7-PW30)\_314.75lm@250mA\_P=2.77914W\_I=249.9mA



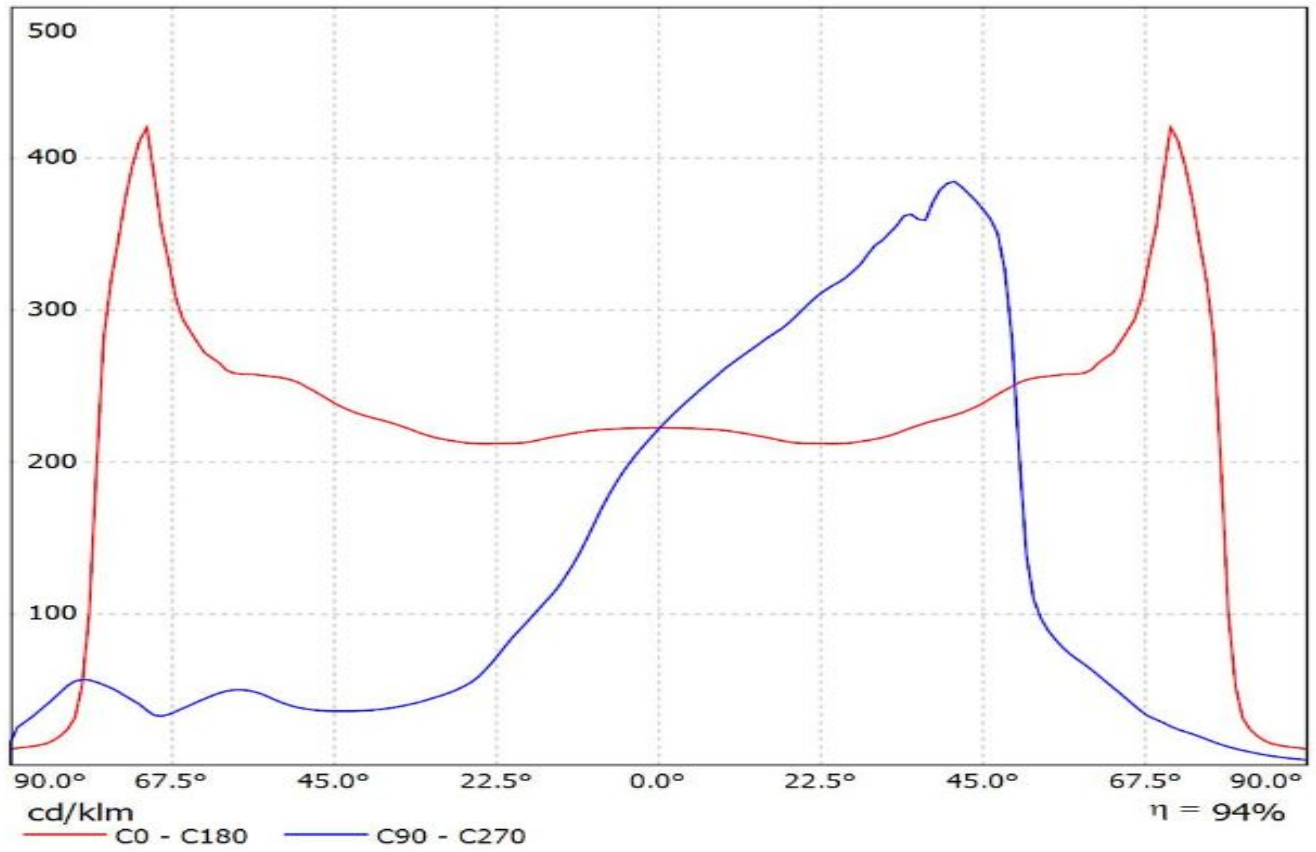


# LEDiL Oy C13299\_STRADA-2X2-ME\_(Rebel-ES) Eff.94.0% / LDC (Linear)

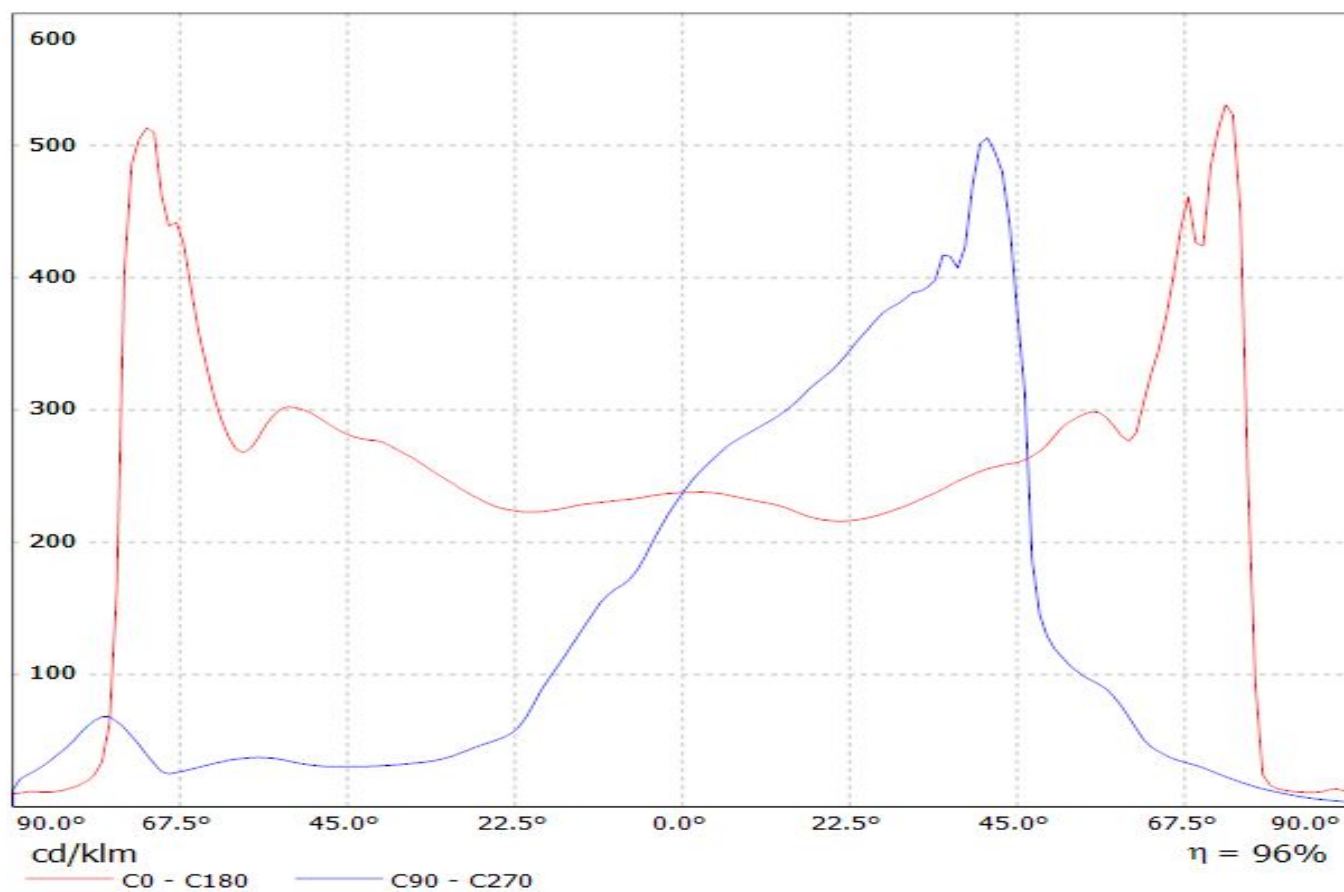
Luminaire: LEDiL Oy C13299\_STRADA-2X2-ME\_(Rebel-ES) Eff.94.0%  
Lamps: 1 x Luxeon\_Rebel-ES\_2x2\_341.5lm@250mA\_P=2.86485W\_I=249.9mA



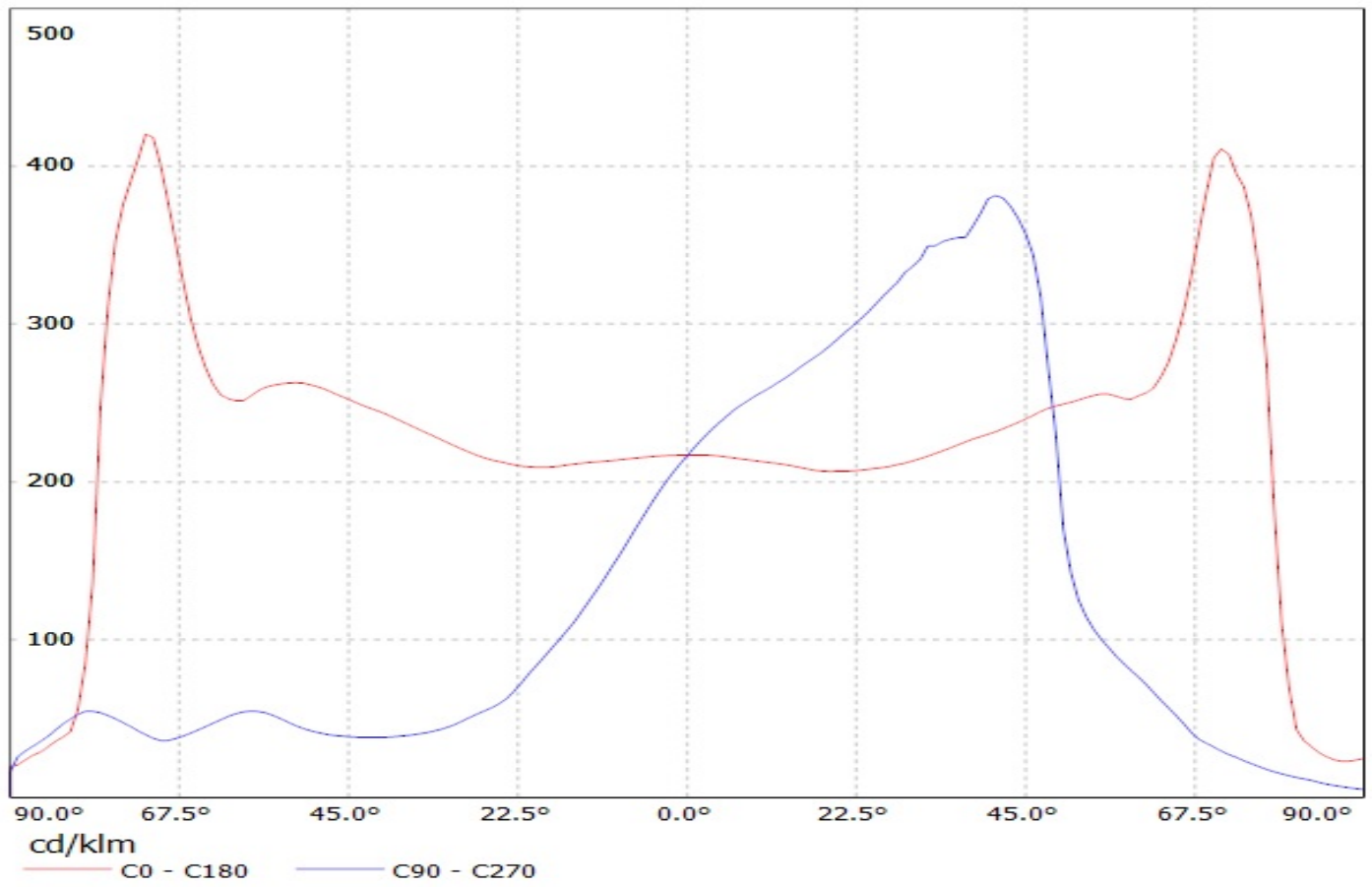
Luminaire: LEDiL Oy C13299\_STRADA-2x2-ME\_(Luxeon\_T)  
Lamps: 1 x Luxeon T (LXH8-FW30-3) 303lm@250mA P=2.80138W I=0.2499A



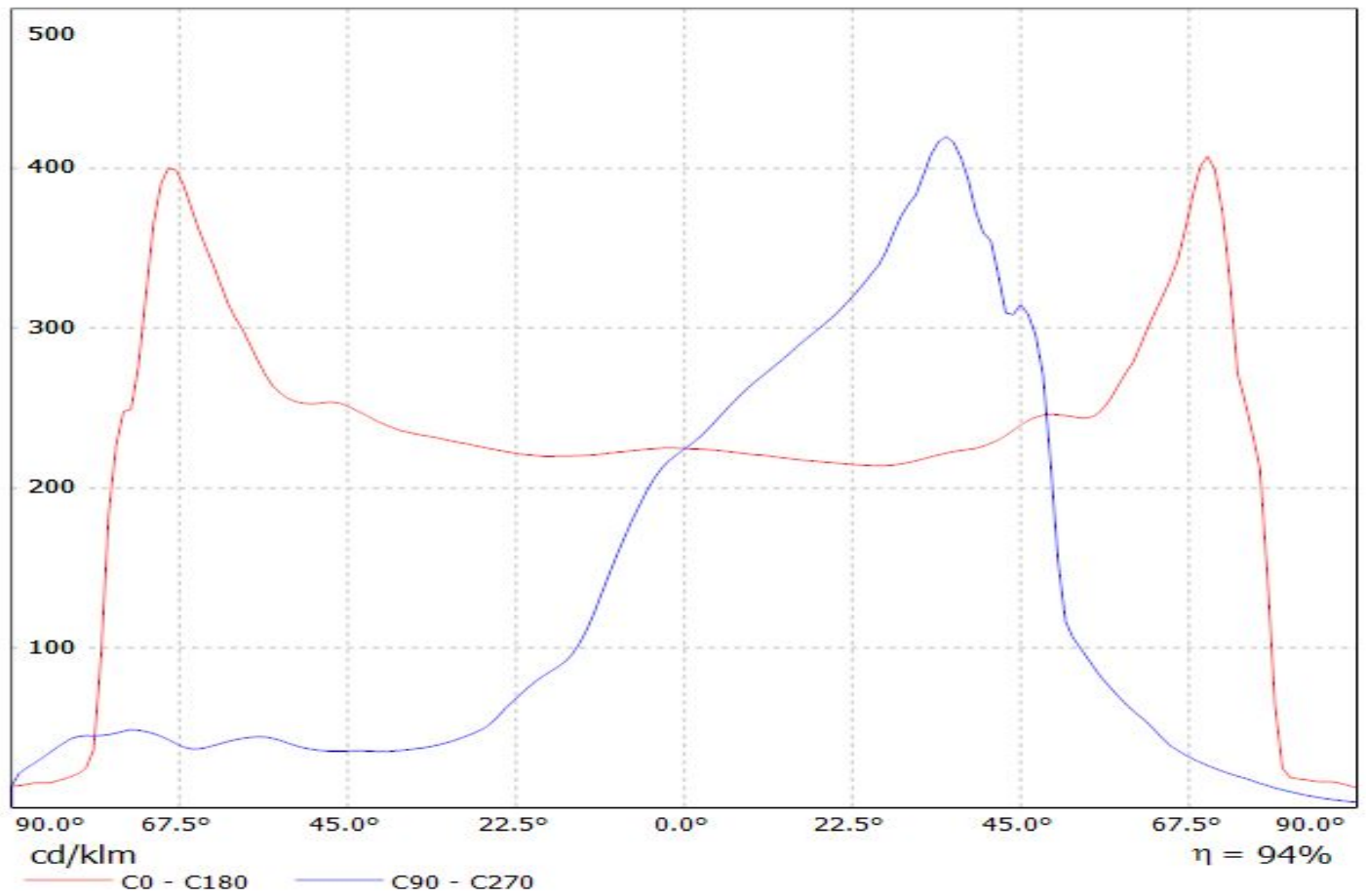
Luminaire: LEDiL Oy C13299\_STRADA-2x2-ME\_(Luxeon\_Z\_ES) Eff. 94%  
Lamps: 1 x Luxeon\_Z\_ES\_2x2\_(LXZ2-3090)\_210.126lm@250mA\_P=2.81862W\_I=249.9mA



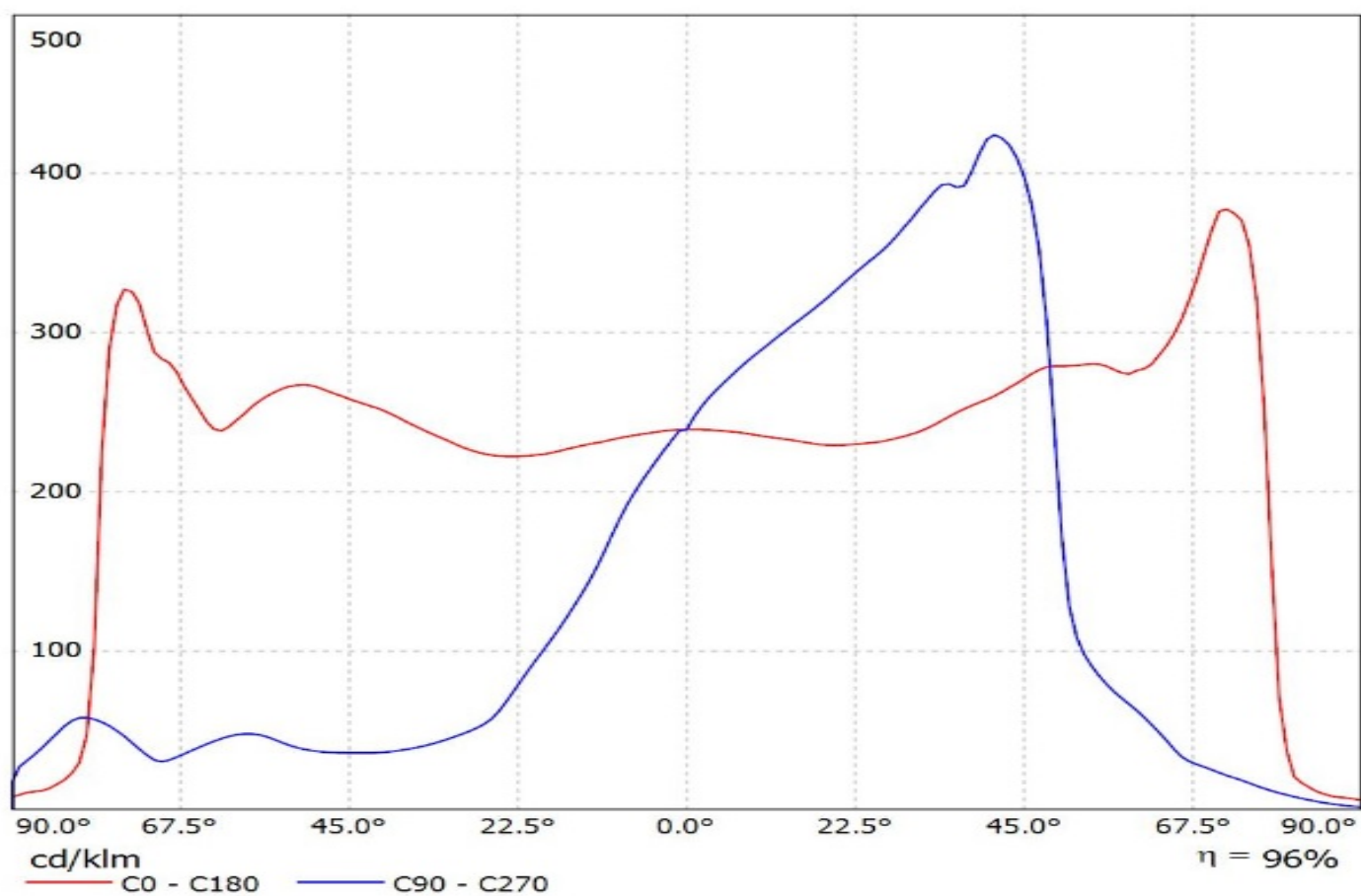
Luminaire: LEDiL Oy C13299\_STRADA-2X2-ME\_(LUXEON\_Q)  
Lamps: 1 x LUXEON\_Q\_2x2\_(LHQ-3080)\_298.615lm@250mA\_P=2.86995W\_I=249.8mA



Luminaire: LEDiL Oy C13299\_STRADA-2X2-ME\_(LUXEON\_MZ) Eff.94.0%  
Lamps: 1 x LUXEON\_MZ\_2x2\_(LMZ7-QW57)\_419.8lm@250mA\_P=2.71916W\_CCT=5700K\_I=249.9mA

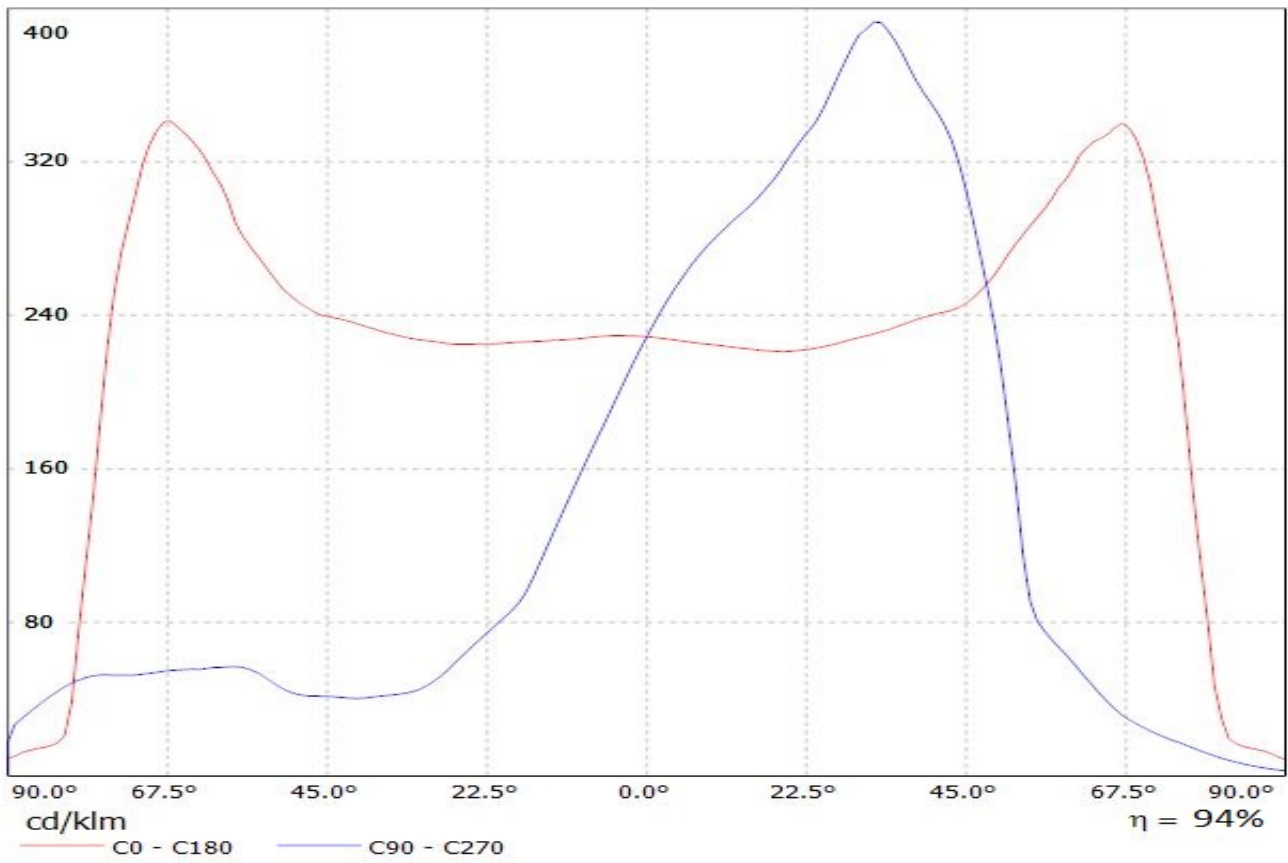


Luminaire: Ledil C13299\_STRADA-2X2-ME\_(Luxeon\_TX)  
Lamps: 1 x Luxeon\_TX\_2x2\_(L1T2-3585)\_331.643lm@250mA\_P=3W\_I=0.25A



Luminaire: LEDiL Oy C13299\_STRADA-2X2-ME\_(Luxeon\_5050)

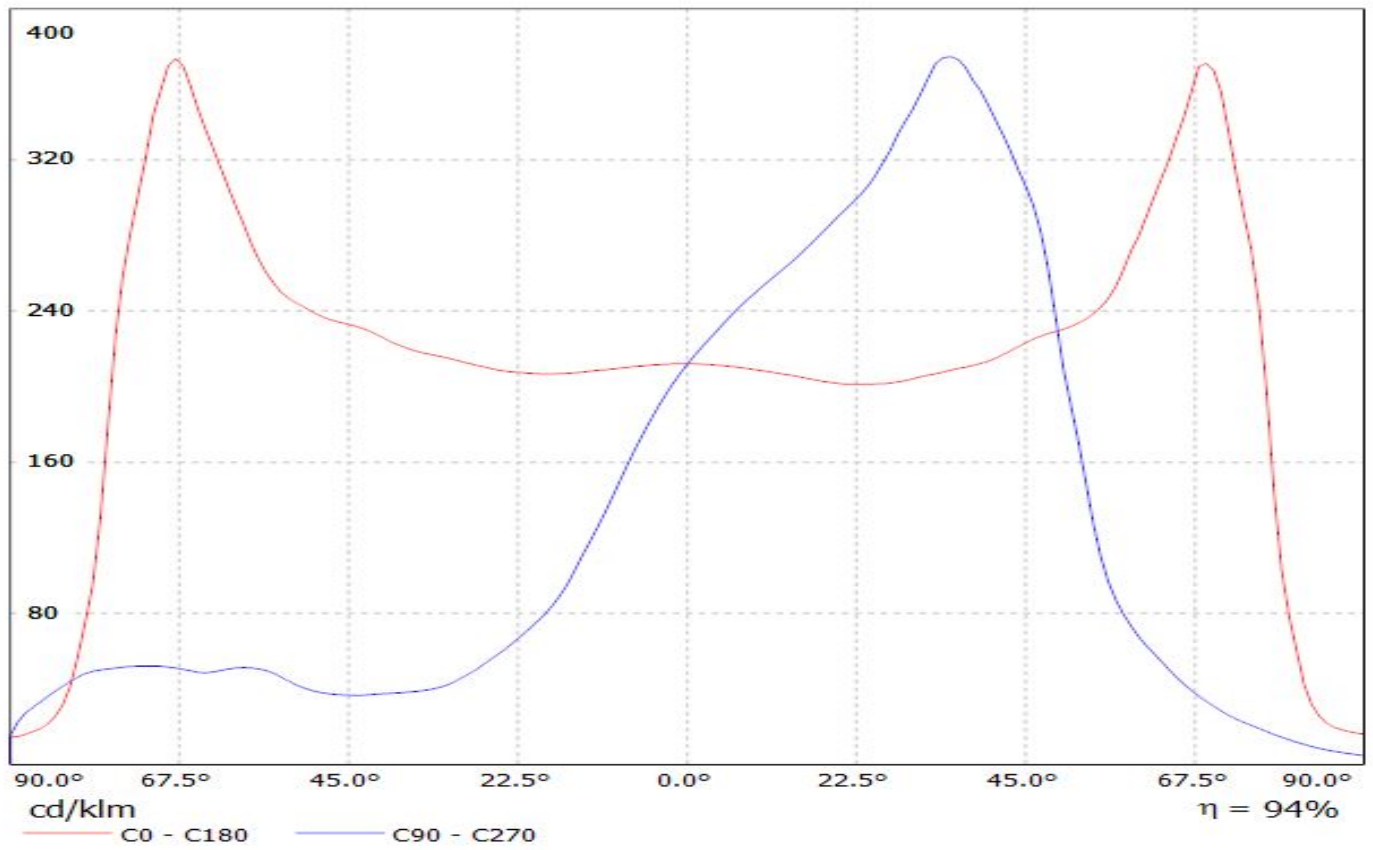
Lamps: 1 x Luxeon\_5050\_2x2\_1270.76lm@80mA\_CCT=5700K\_P=7.35815W\_I=0.080A\_70CRI



# LEDiL Oy C13299\_STRADA-2X2-ME\_(N383) Eff.94.0% / LDC (Linear)

Luminaire: LEDiL Oy C13299\_STRADA-2X2-ME\_(N383) Eff.94.0%

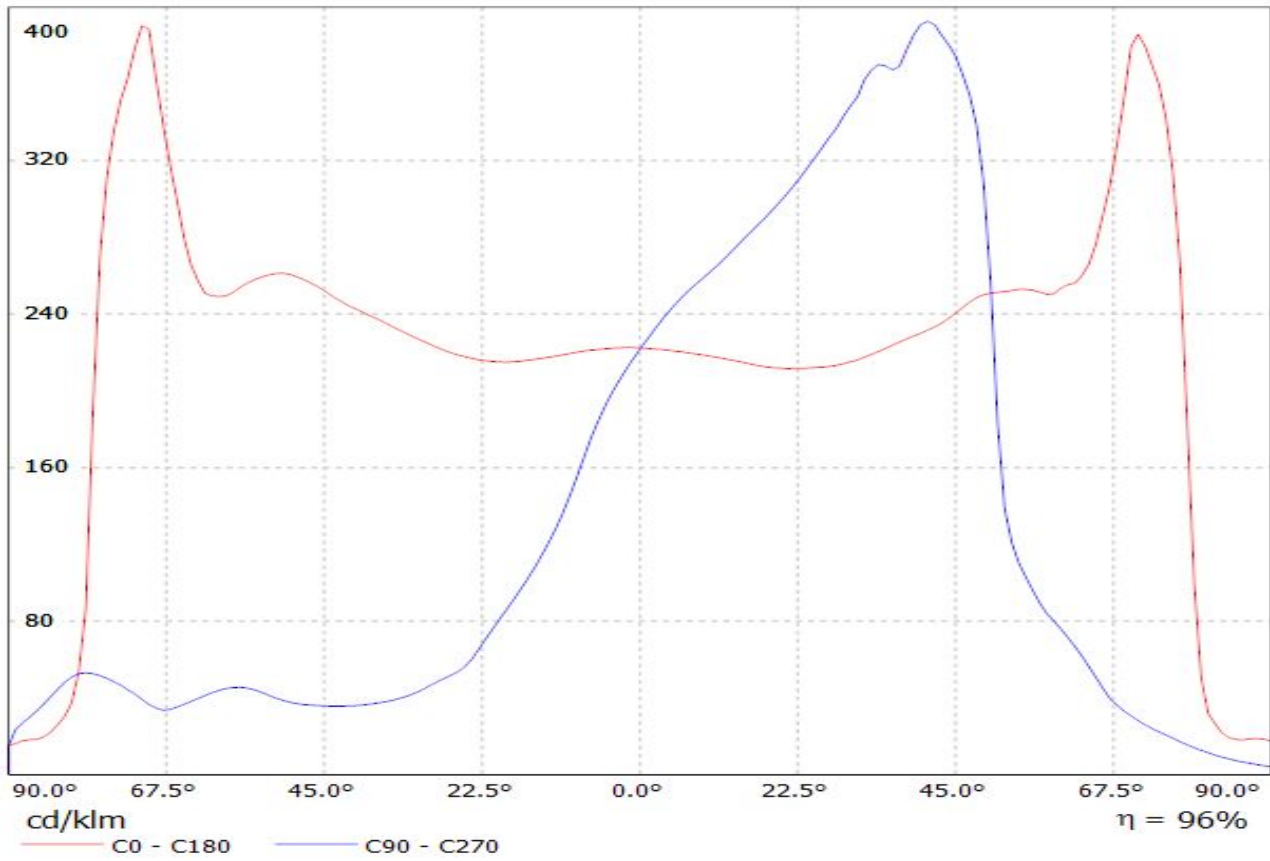
Lamps: 1 x NICHIA\_N383\_2x2\_(NS9W383T)\_376.958lm@250mA\_P=2.88194W\_I=249.9mA



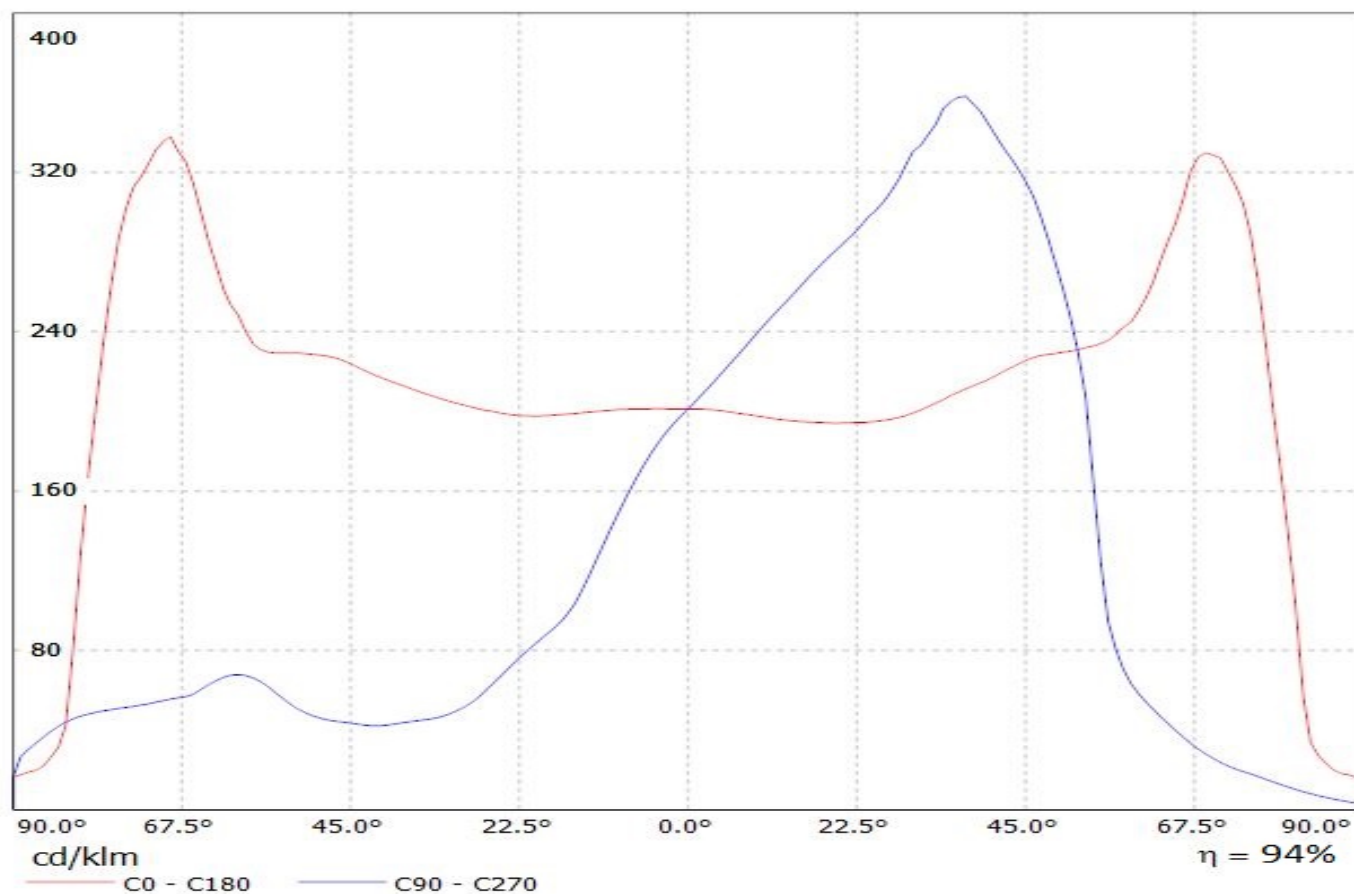


Luminaire: LEDiL Oy C13299\_STRADA-2x2-ME\_(NVSxx19B)

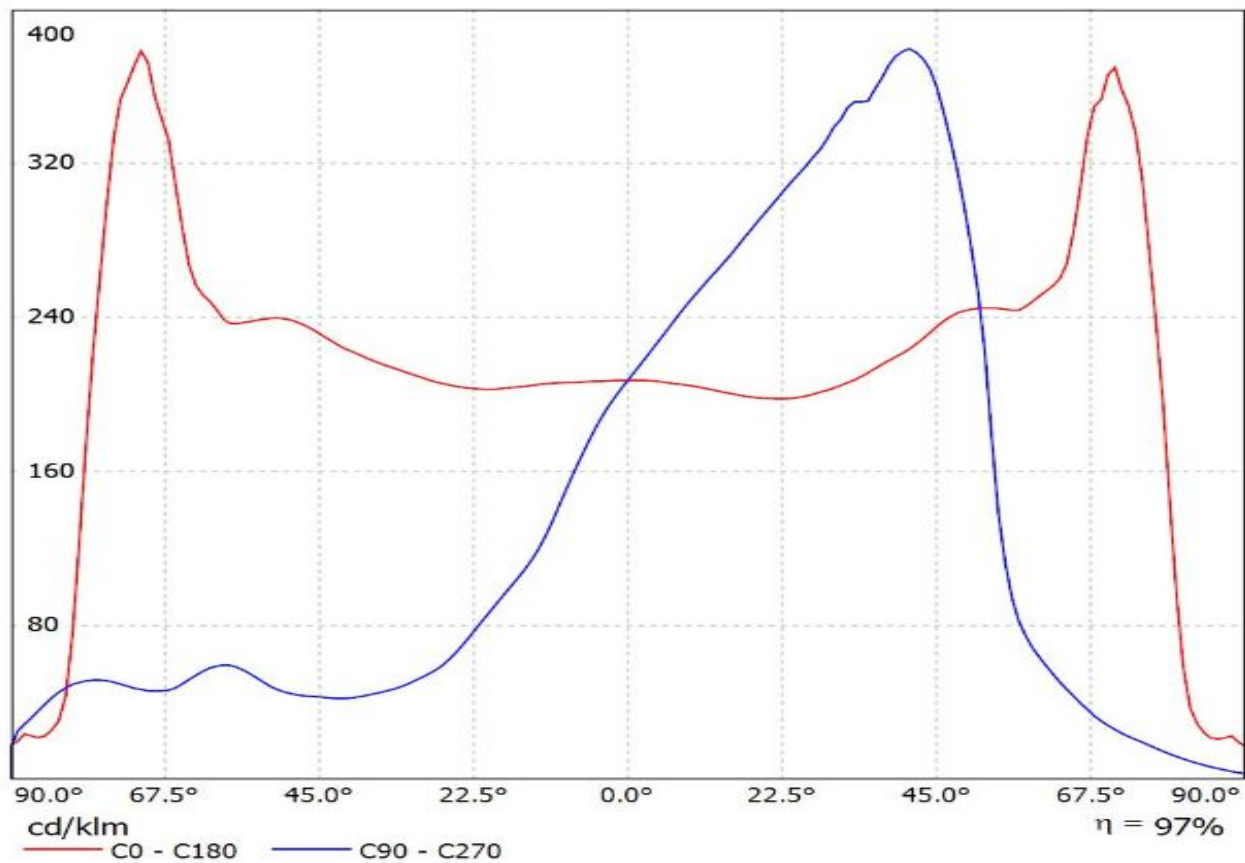
Lamps: 1 x Nichia\_NVsxx19B\_2x2\_(NVSL219BE)\_310.219lm@250mA\_CCT=3071K\_P=2.87735W\_I=249.9mA



Luminaire: LEDiL Oy C13299\_STRADA-2X2-ME\_(NWSL229AE)  
Lamps: 1 x Nichia\_2X2\_NWSL229AE\_476.548lm@250mA\_P=2.7515W\_I=0.250A

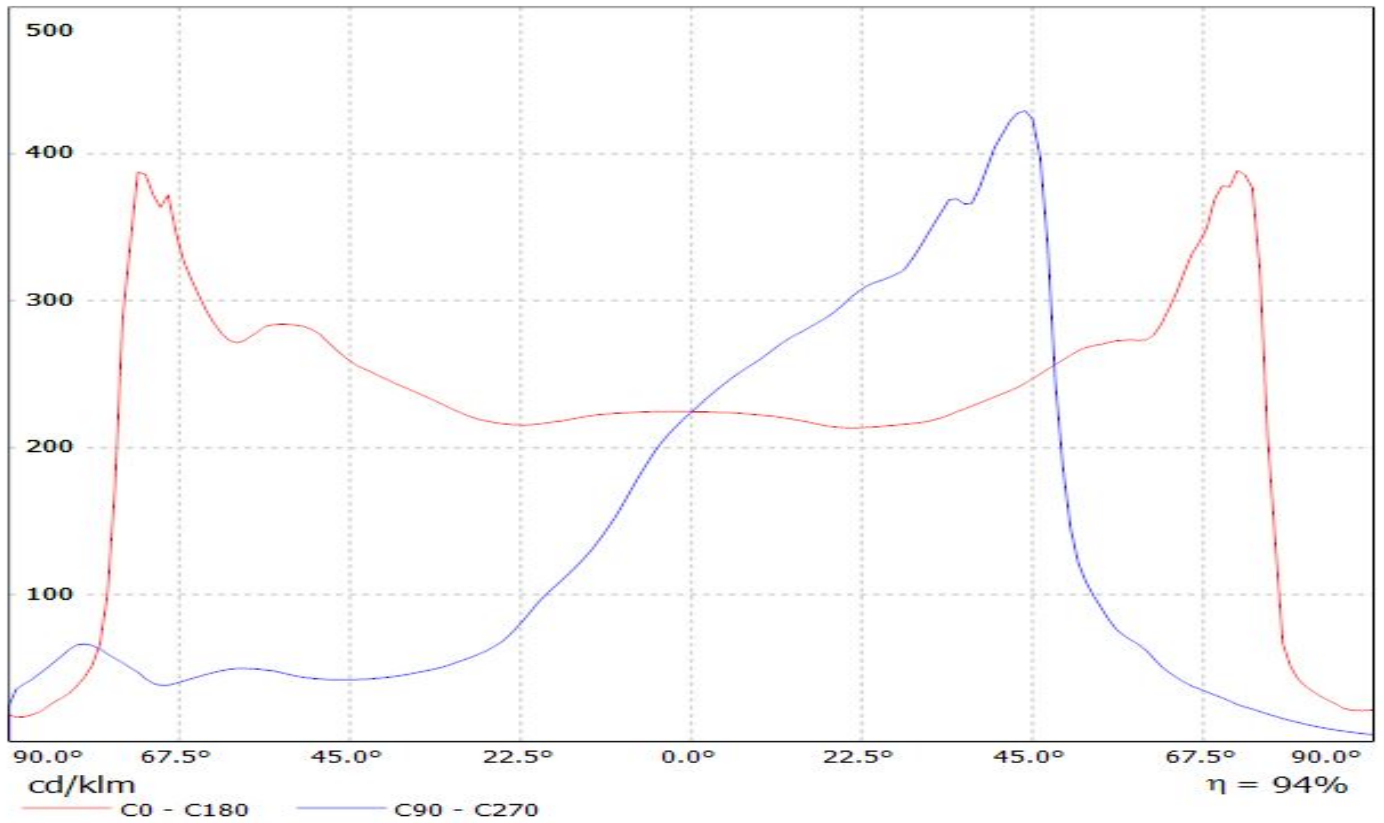


Luminaire: Ledil C13299\_STRADA-2X2-ME\_(NVSW319AE)  
Lamps: 1 x Nichia\_NVSW319AE\_(sm405D440f2L2R70)



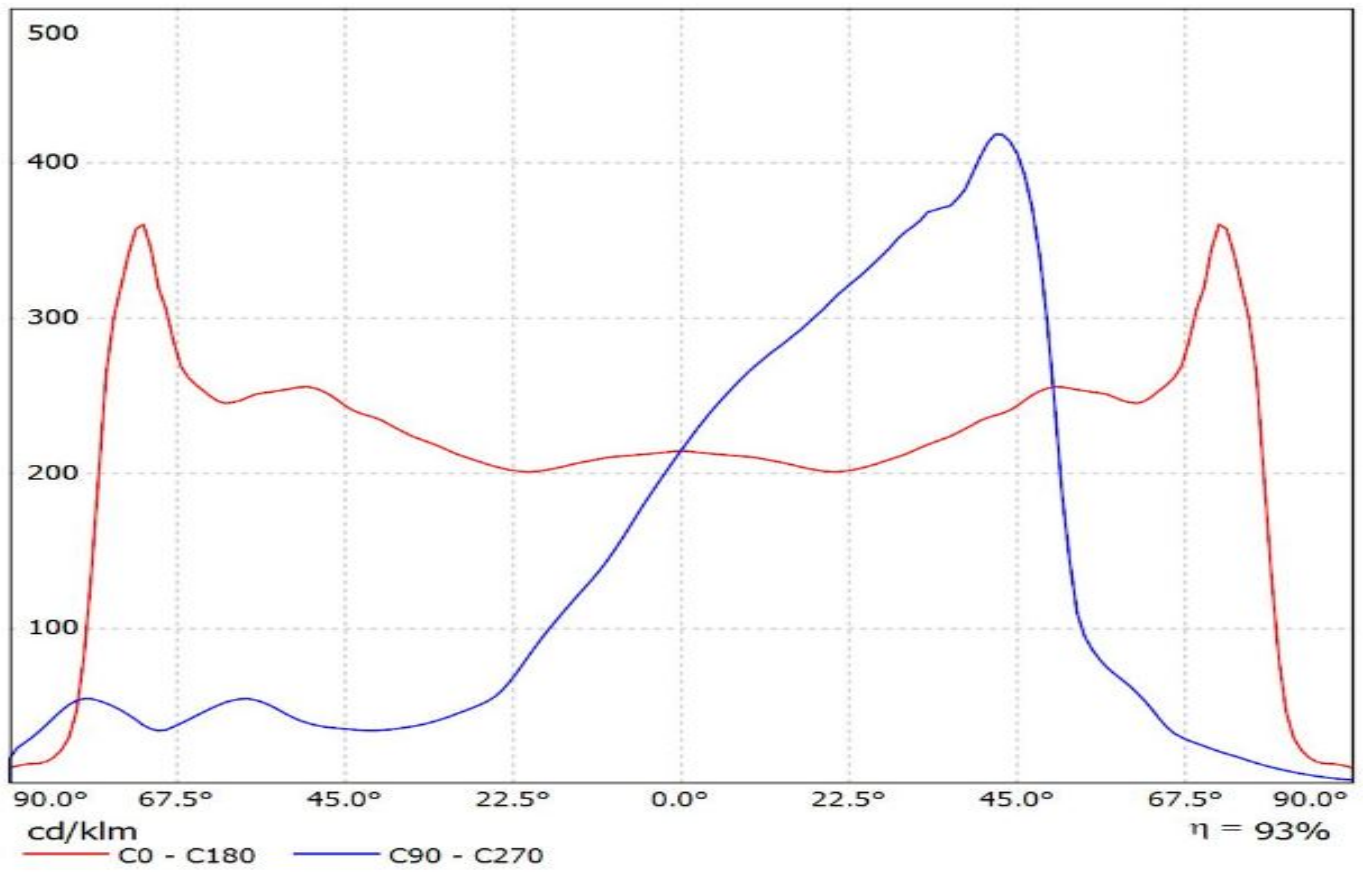
**LEDiL Oy C13299\_STRADA-2X2-ME\_(SQ-PC) Eff.94.0% / LDC (Linear)**

Luminaire: LEDiL Oy C13299\_STRADA-2X2-ME\_(SQ-PC) Eff.94.0%  
Lamps: 1 x SQ-PC\_2x2\_(LCW-CQAR.PC-MSMU-5H71-1)\_400.75lm@250mA\_CCT=?  
K\_P=2.96681W\_J=249.9mA

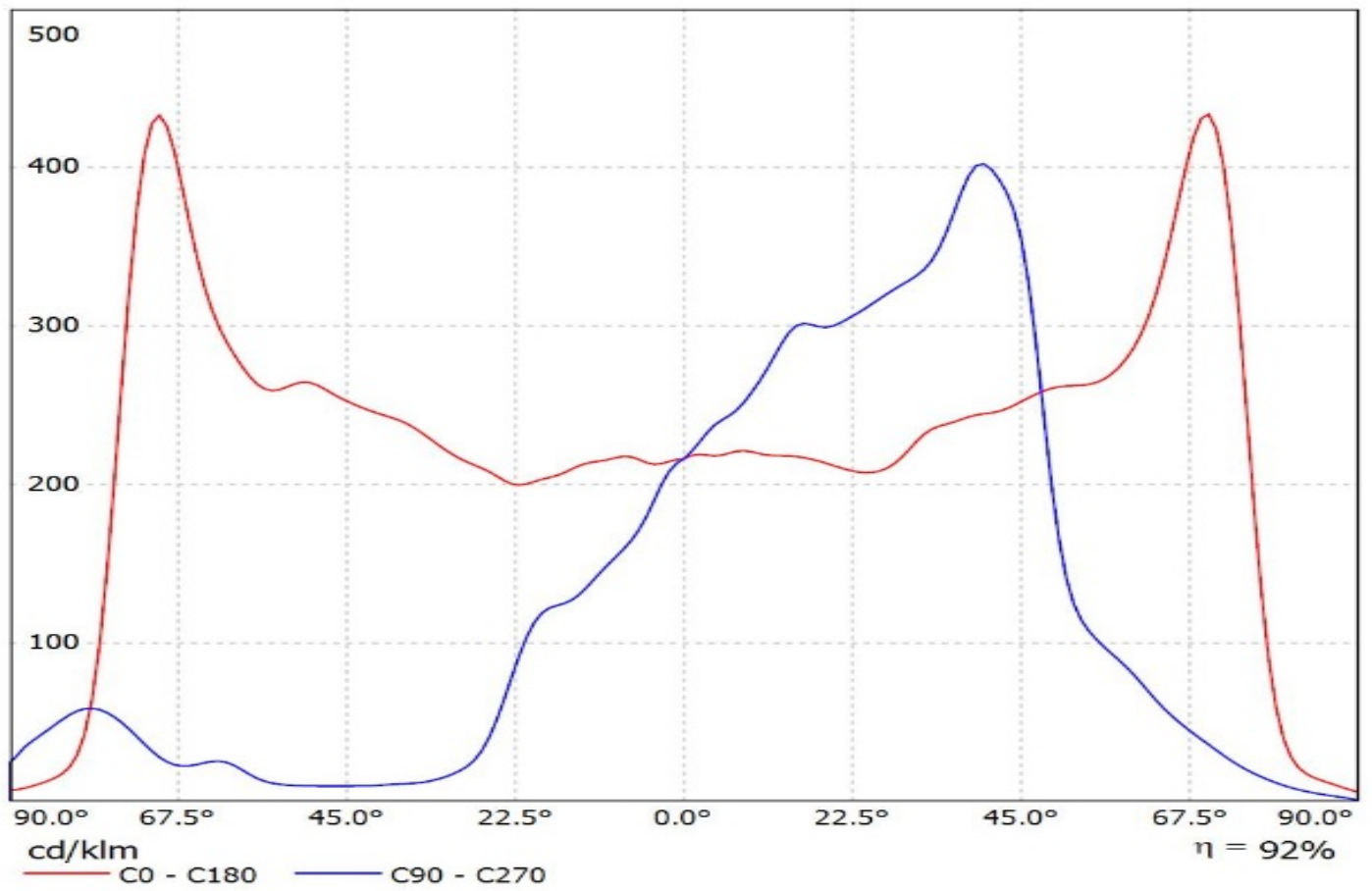


Luminaire: LEDiL Oy C13299\_STRADA-2X2-ME\_(Square\_Gen3)

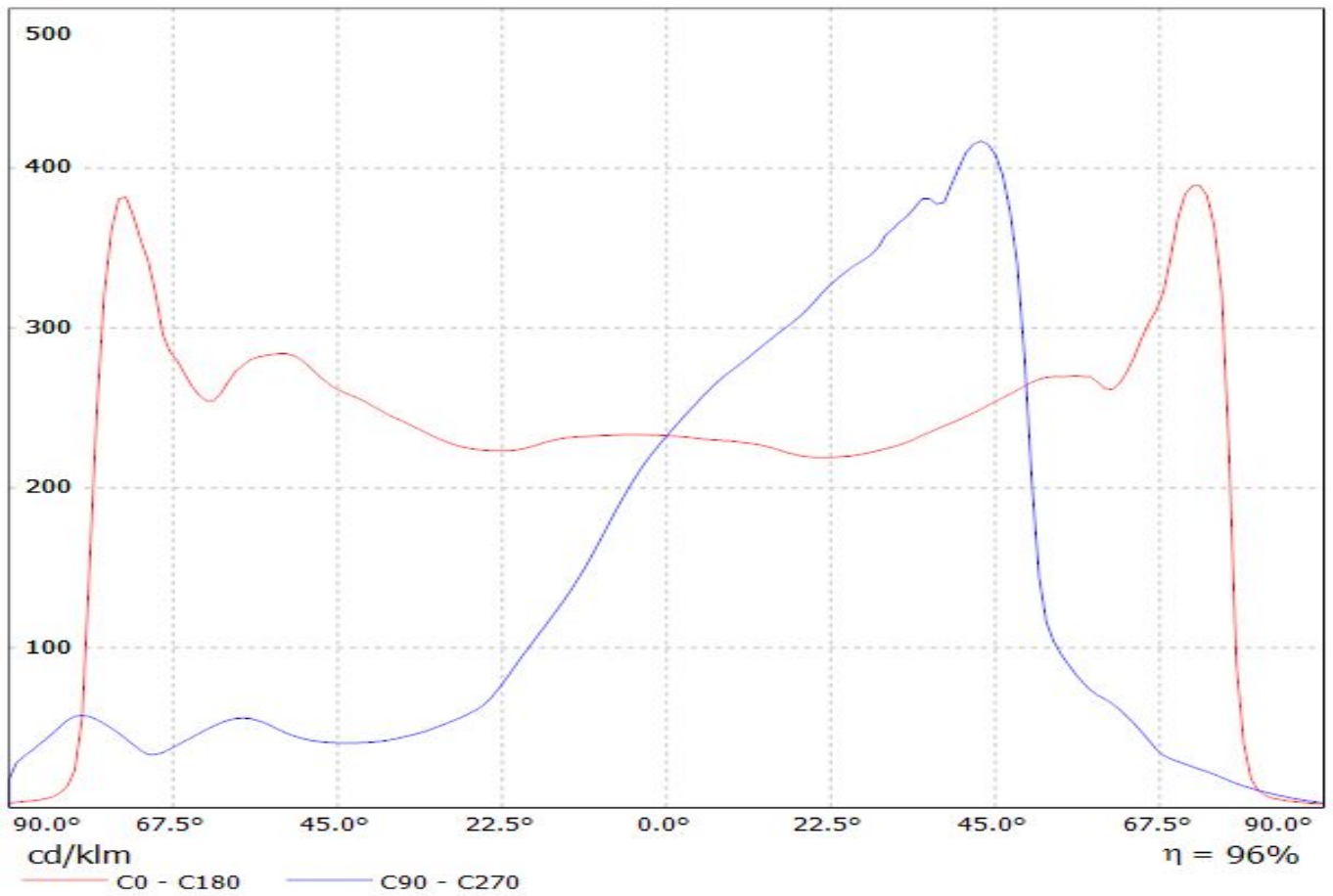
Lamps: 1 x Osram\_Square\_Gen3\_GW\_CSSRM2.PM\_451.664lm@250mA\_P=2.787\_I=250mA



Luminaire: Ledil Oy C13299\_STRADA-2X2-ME\_(Duris\_P8)\_SIMULATED  
Lamps: 1 x Osram Duris P8

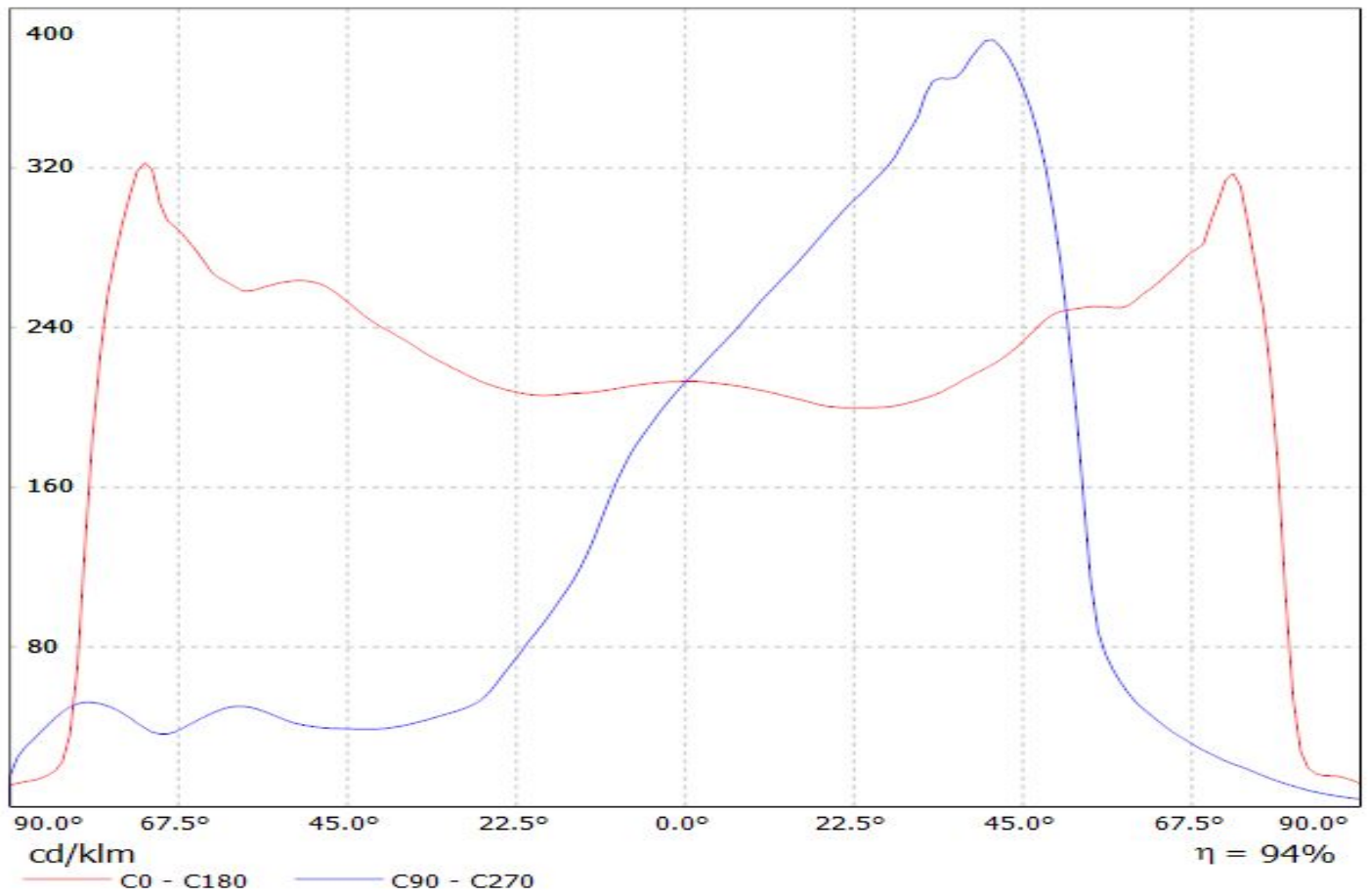


Luminaire: LEDiL Oy C13299\_STRADA-2X2-ME\_(Fortimo\_F-Flex\_2x8\_740DAG3)  
Lamps: 1 x Philips\_Fortimo\_F-Flex\_2x8\_740DAG3\_1786.86lm@250mA\_P=11.6092W\_I=0.2498A



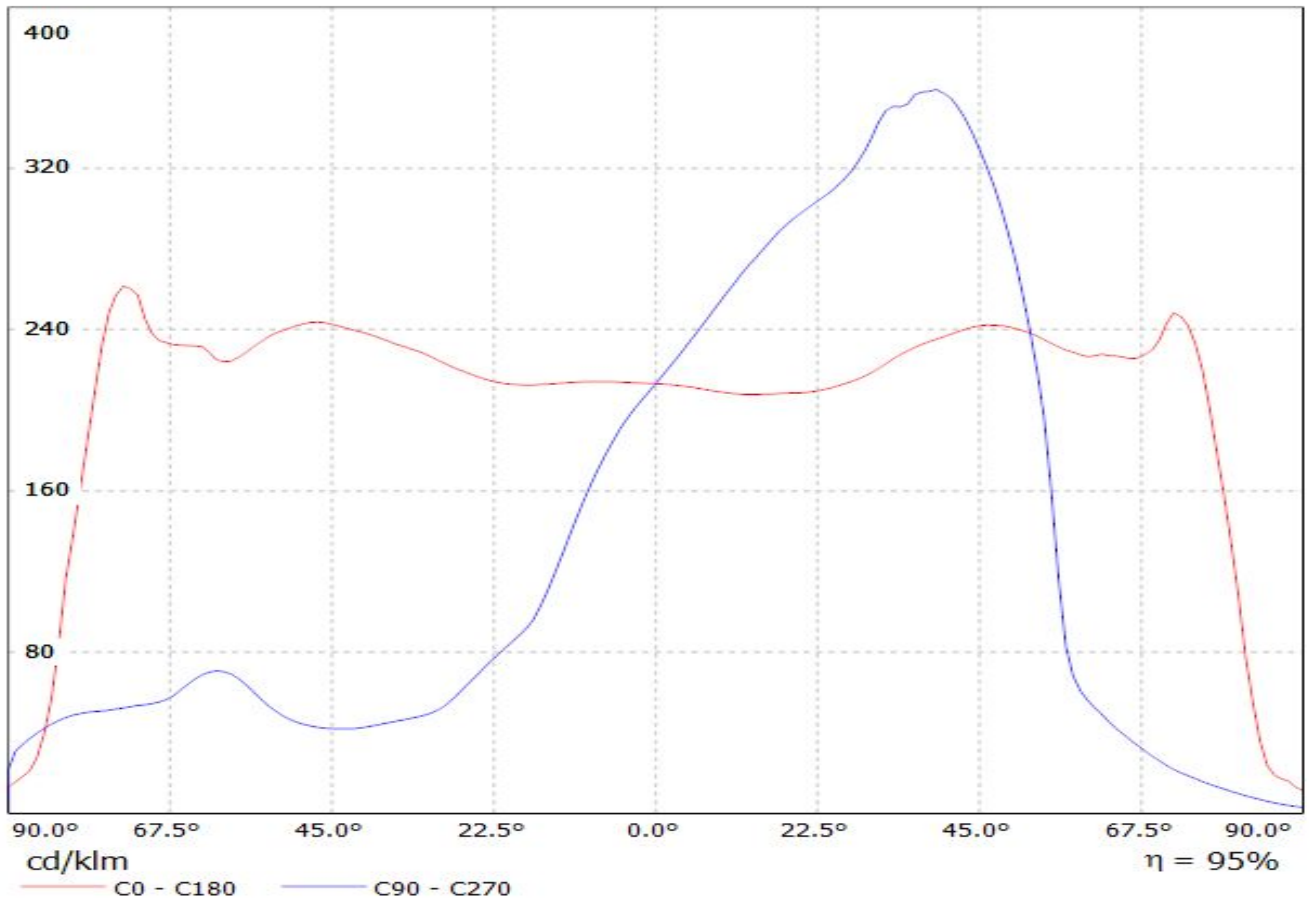
Luminaire: LEDiL Oy C13299\_STRADA-2X2-ME\_(LH351B)

Lamps: 1 x SAMSUNG\_LH351B\_2x2\_442.45lm@250mA\_P=2.84311W\_I=249.9mA



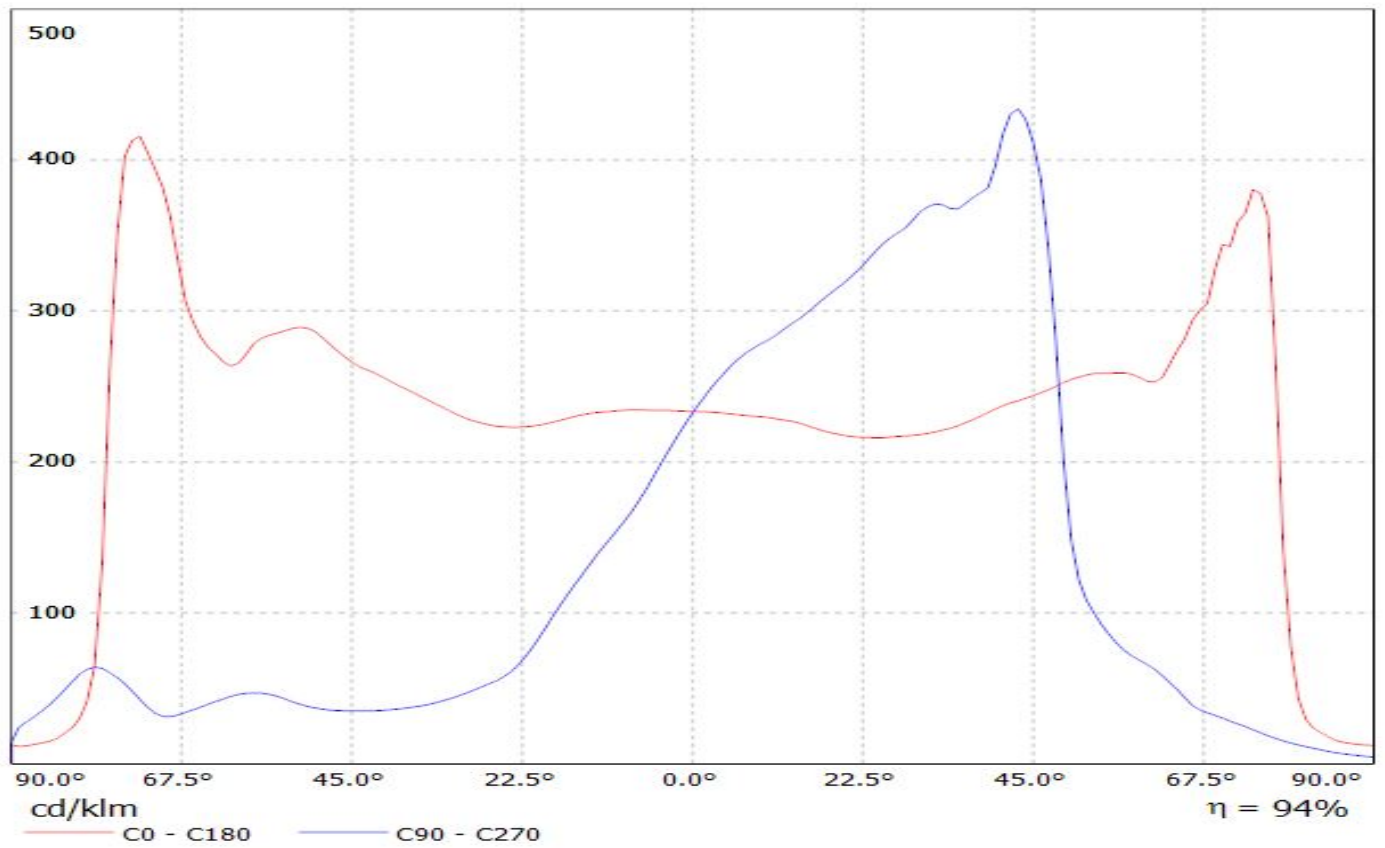


Luminaire: LEDiL Oy C13299\_STRADA-2X2-ME\_(LH351D)  
Lamps: 1 x Samsung\_LH351D\_524.264lm@250mA\_P=2.7523W\_I=0.250A

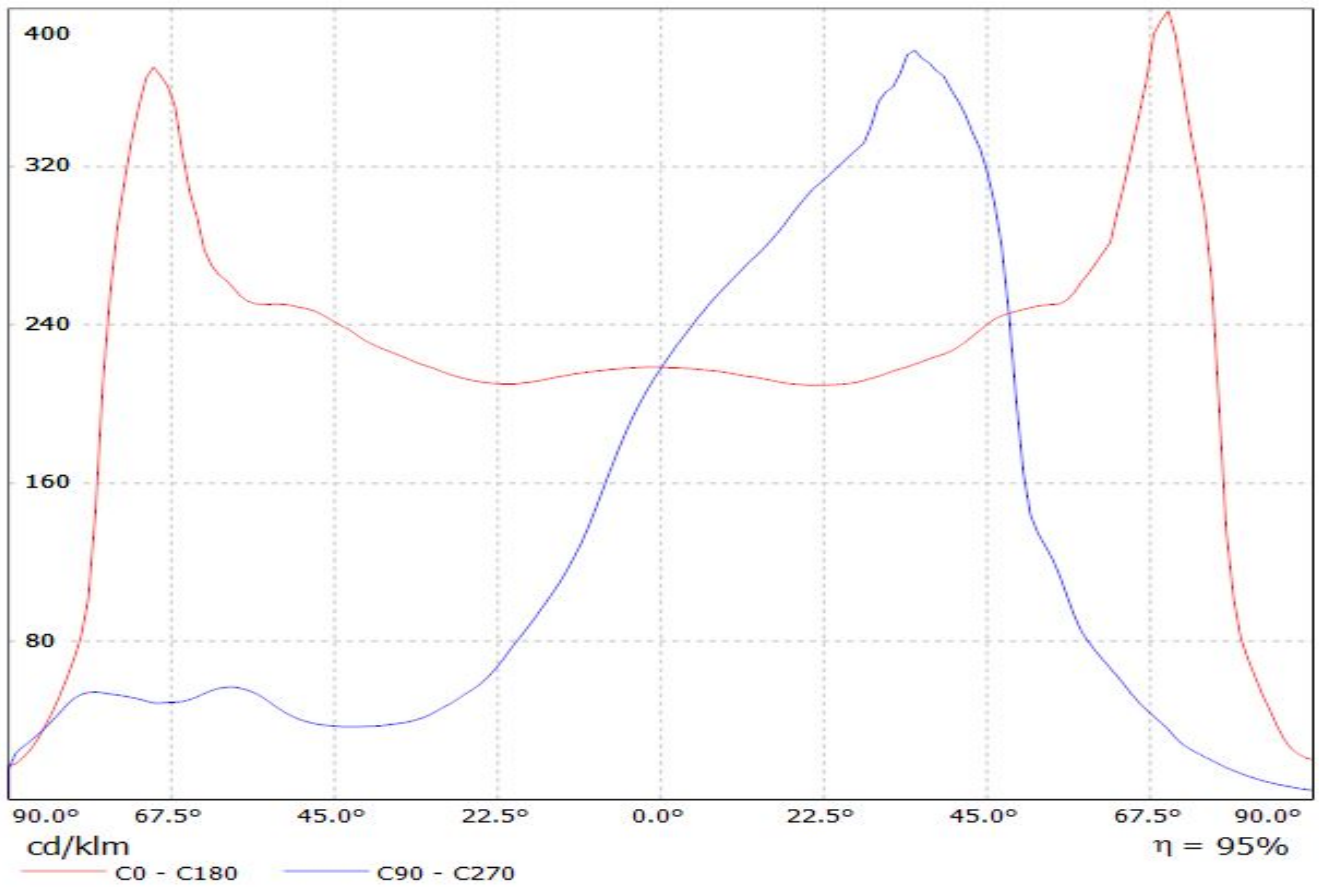


**LEDiL Oy C13299\_STRADA-2X2-ME\_(Z5P) Eff.94.0% / LDC (Linear)**

Luminaire: LEDiL Oy C13299\_STRADA-2X2-ME\_(Z5P) Eff.94.0%  
Lamps: 1 x Seoul\_Z5P\_2x2\_290.05lm@250mA\_P=3.6208W\_I=249.9mA



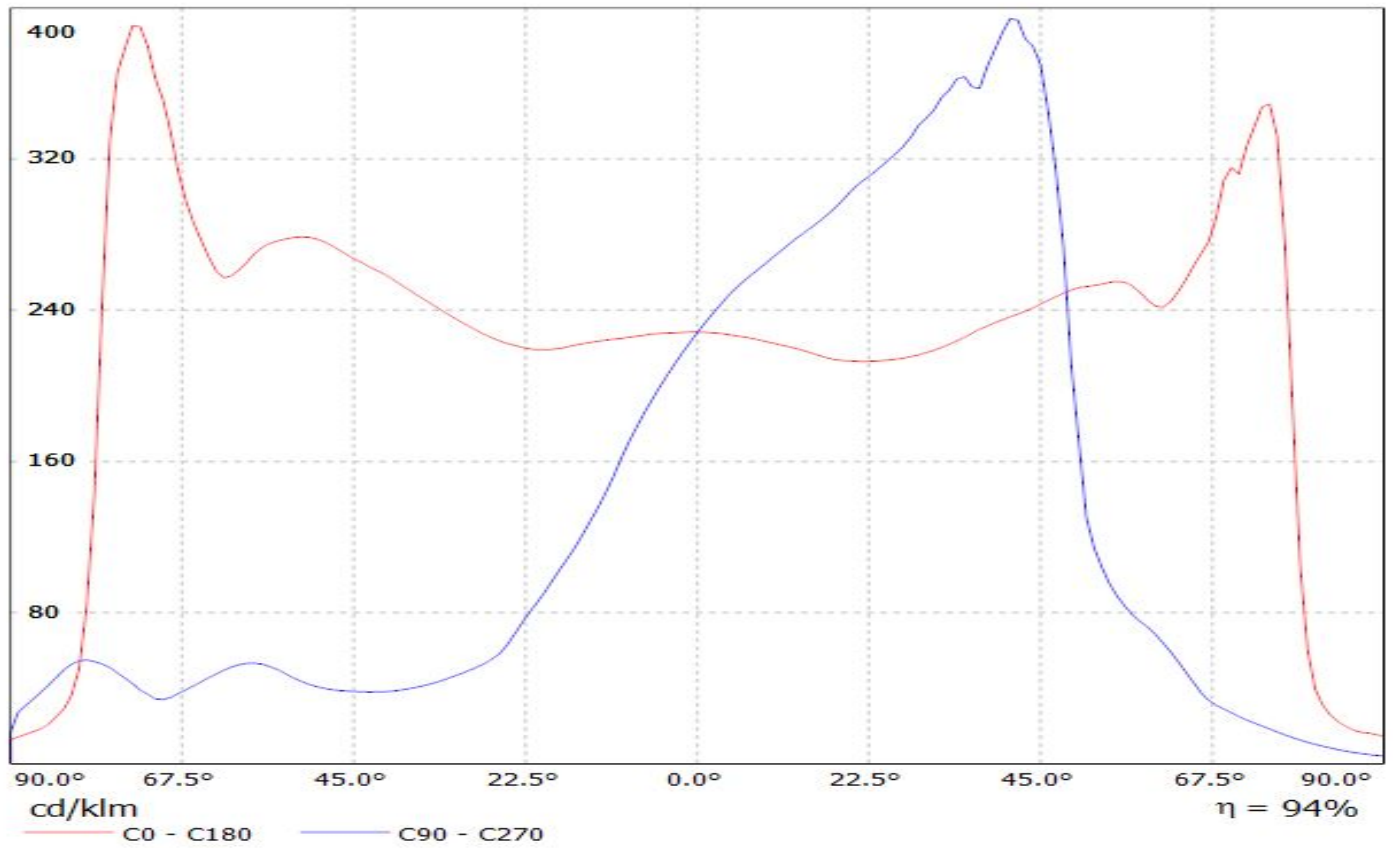
Luminaire: LEDiL Oy C13299\_STRADA-2x2-ME\_(MJT4040) Eff. 94%  
Lamps: 1 x SEOUL ACHRICH MJT4040 (SAW09H0A) 255lm@40mA P=2.37W I=40mA



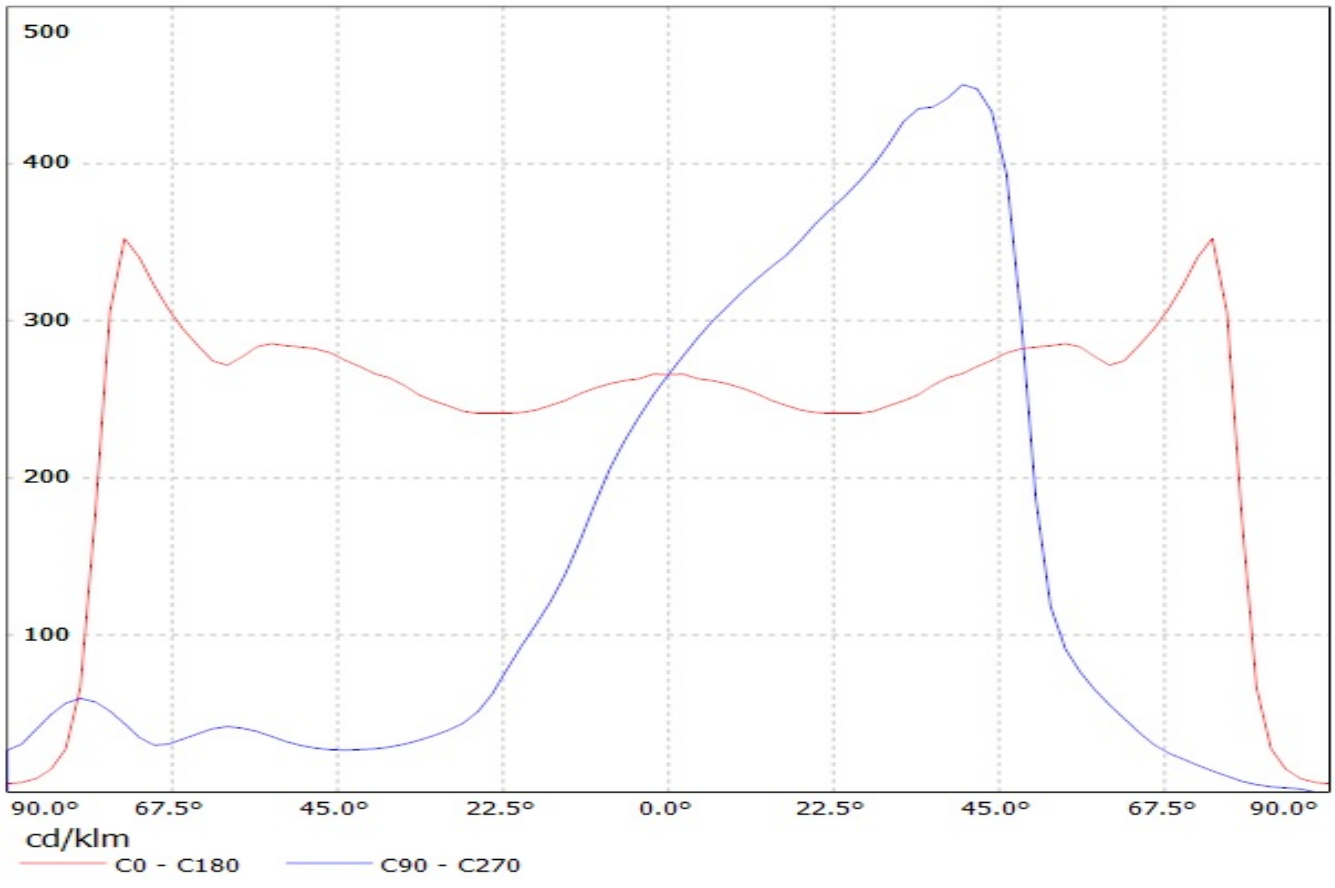
**LEDiL Oy C13299\_STRADA-2X2-ME\_(Z5M) Eff.94.0% / LDC (Linear)**

Luminaire: LEDiL Oy C13299\_STRADA-2X2-ME\_(Z5M) Eff.94.0%

Lamps: 1 x SEOUL\_Z5M\_(SZ5-M0-W0-00)\_364.5lm@250mA\_P=2.95788W\_I=249.8mA

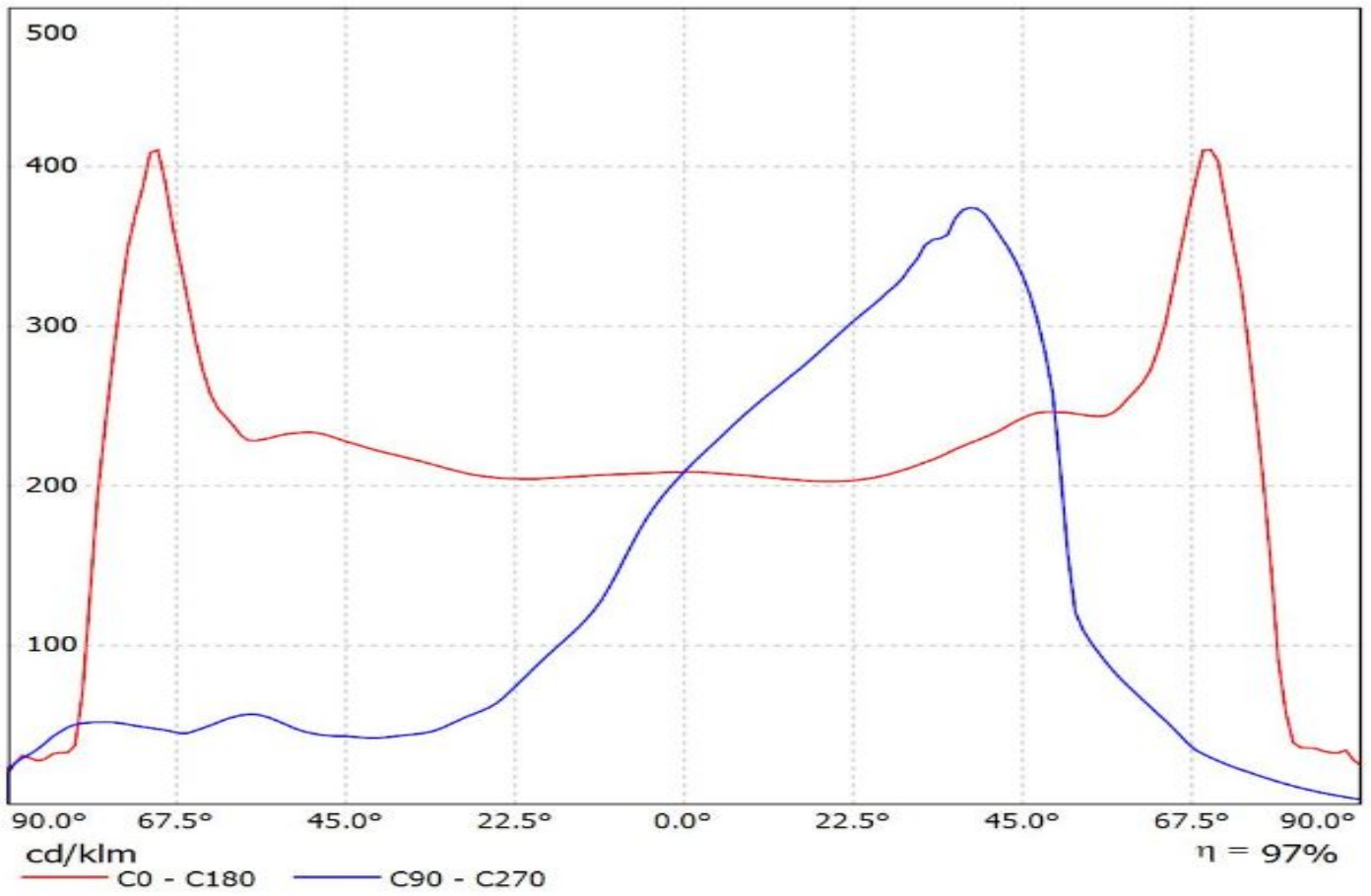


Luminaire: LEDil Oy C13299\_STRADA-2X2-ME\_(Z5M1) Efficiency=94%  
Lamps: 1 x Seoul Z5M1 (SZ5-M1-WN-C8) 379lm @ 250mA CCT=4600K P=2.9W I=250mA



Luminaire: Ledil C13299\_STRADA-2X2-ME\_(Z8Y22plus)

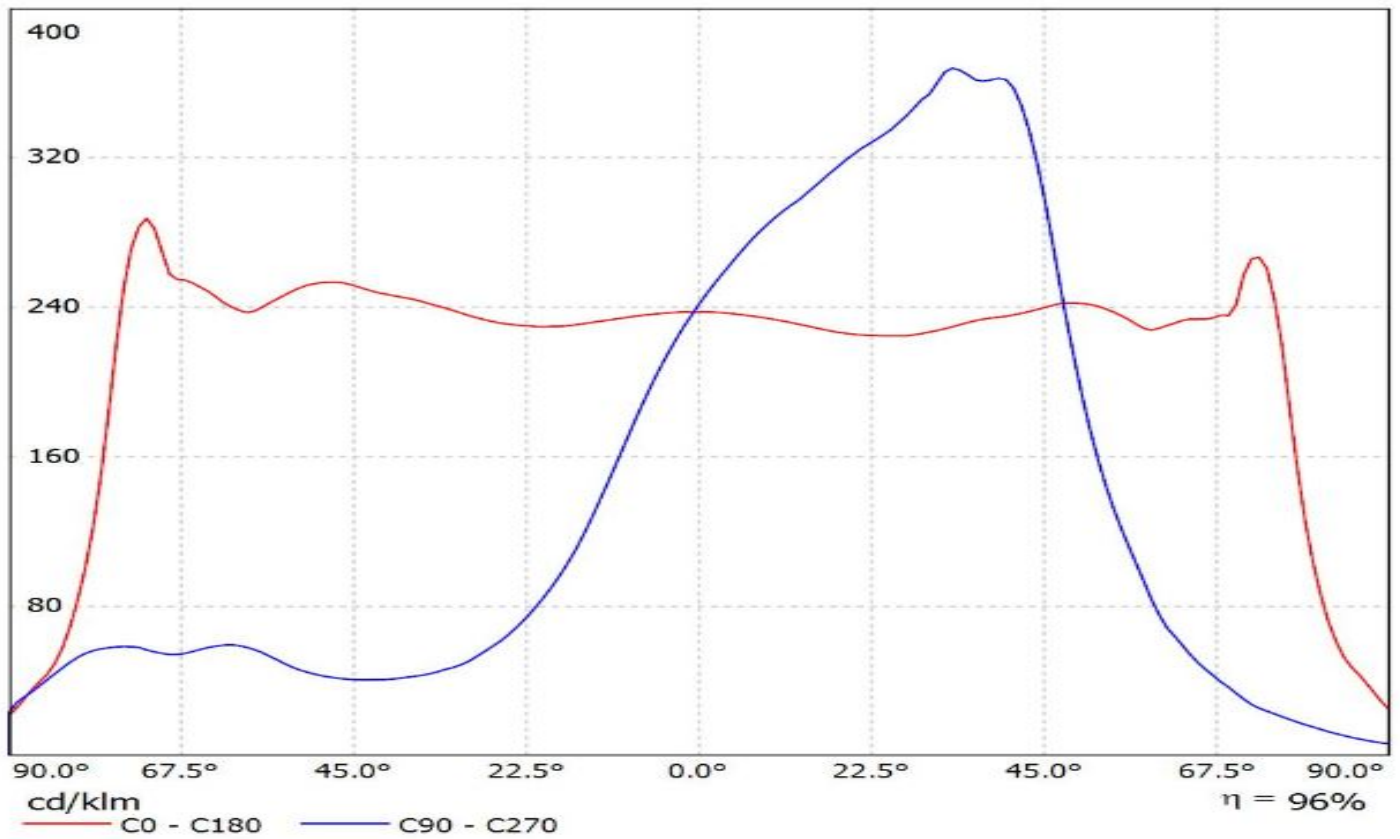
Lamps: 1 x Seoul\_Z8Y22plus\_(W6E2G)\_513.996lm@250mA\_P=2.754W\_I=0.250A



# Ledil C13299\_STRADA-2X2-ME\_(TL1L3) / LDC (Linear)

Luminaire: Ledil C13299\_STRADA-2X2-ME\_(TL1L3)

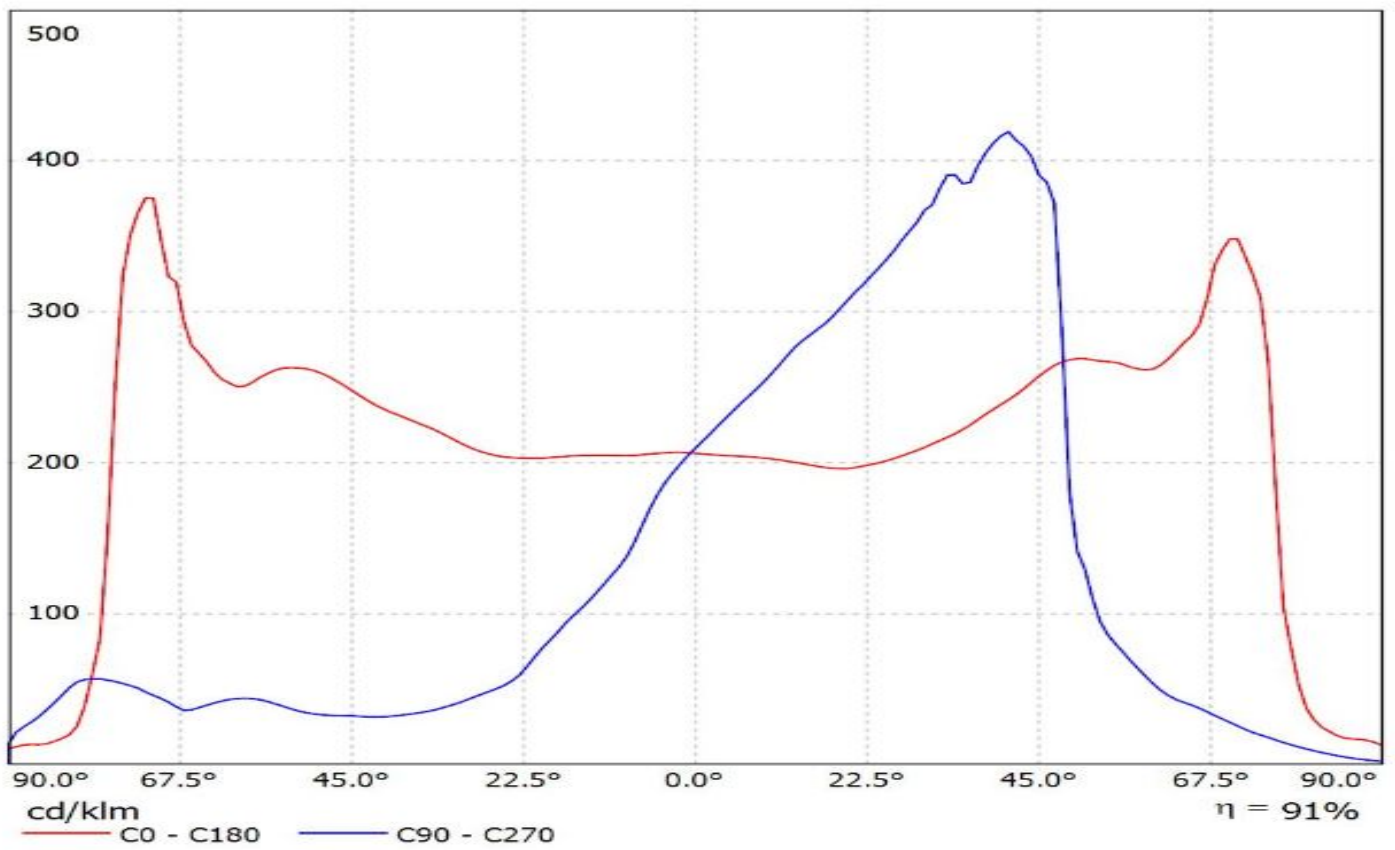
Lamps: 1 x Toshiba\_TL1L3\_2x2\_(TL1L3-NW1.L)\_387.773lm@250mA\_CCT=5000K\_P=2.829W\_I=0.25A



# Ledil C13299\_STRADA-2X2-ME\_(TL1L4) / LDC (Linear)

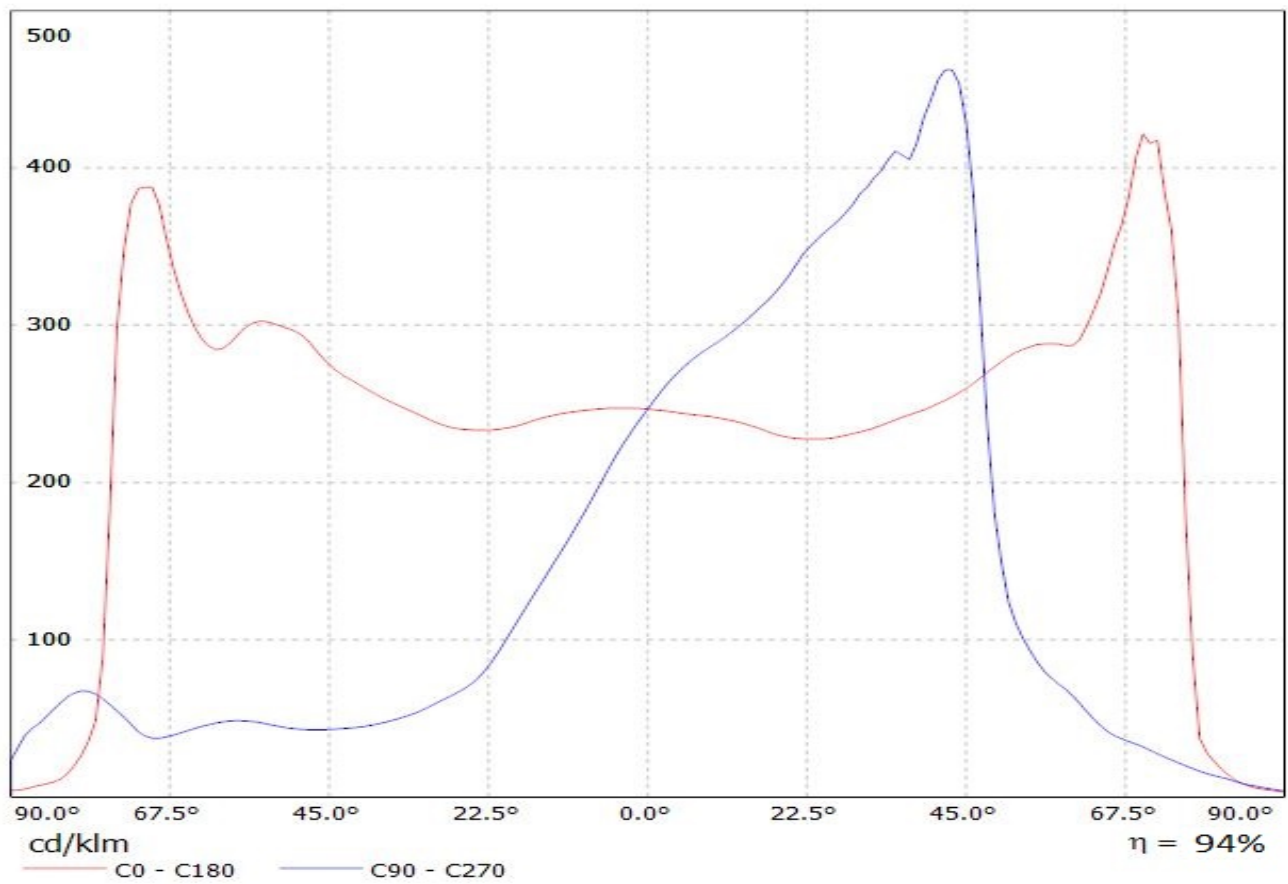
Luminaire: Ledil C13299\_STRADA-2X2-ME\_(TL1L4)

Lamps: 1 x Toshiba\_TL1L4\_2x2\_(TL1L4-DW0)\_472.639lm@250mA\_CCT=6500K\_P=2.9W\_I=0.25A

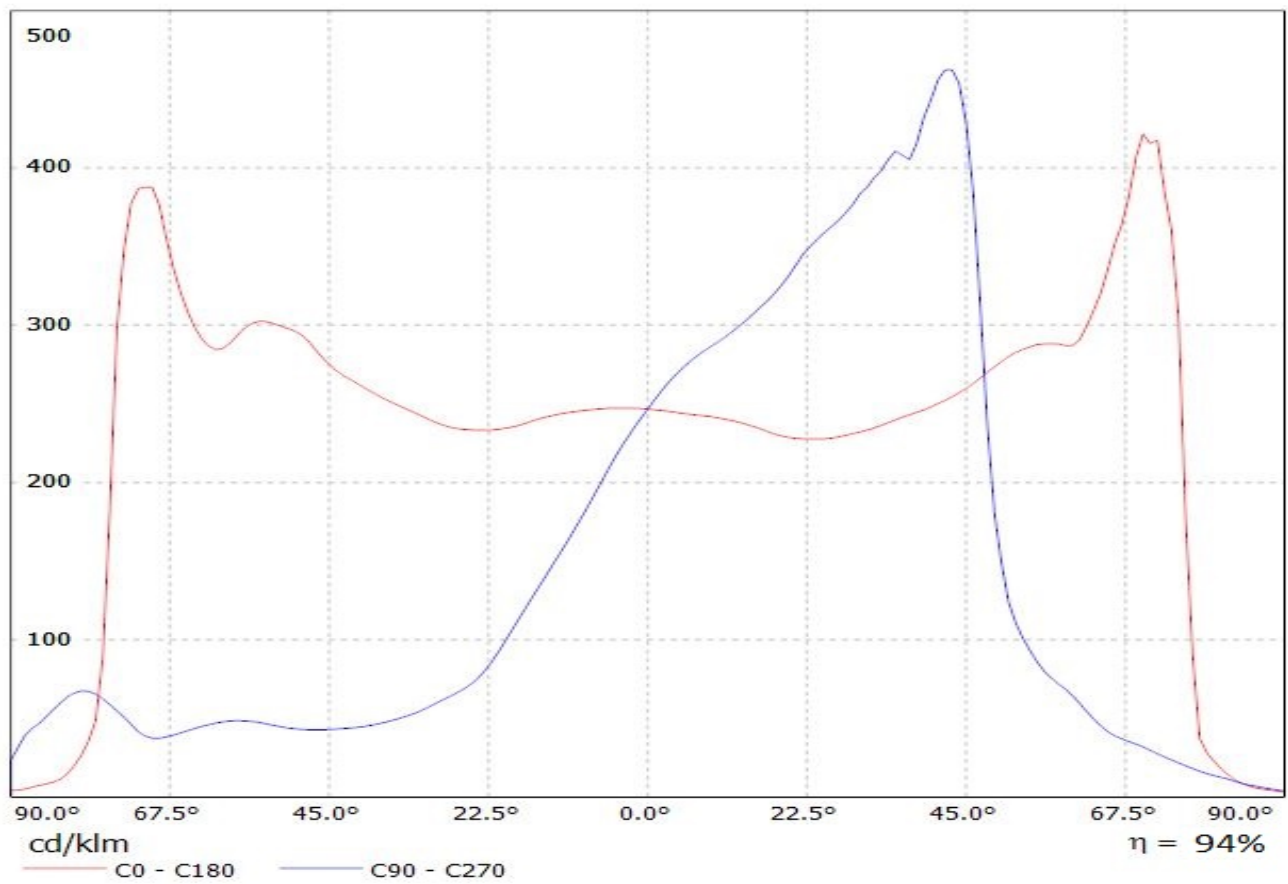




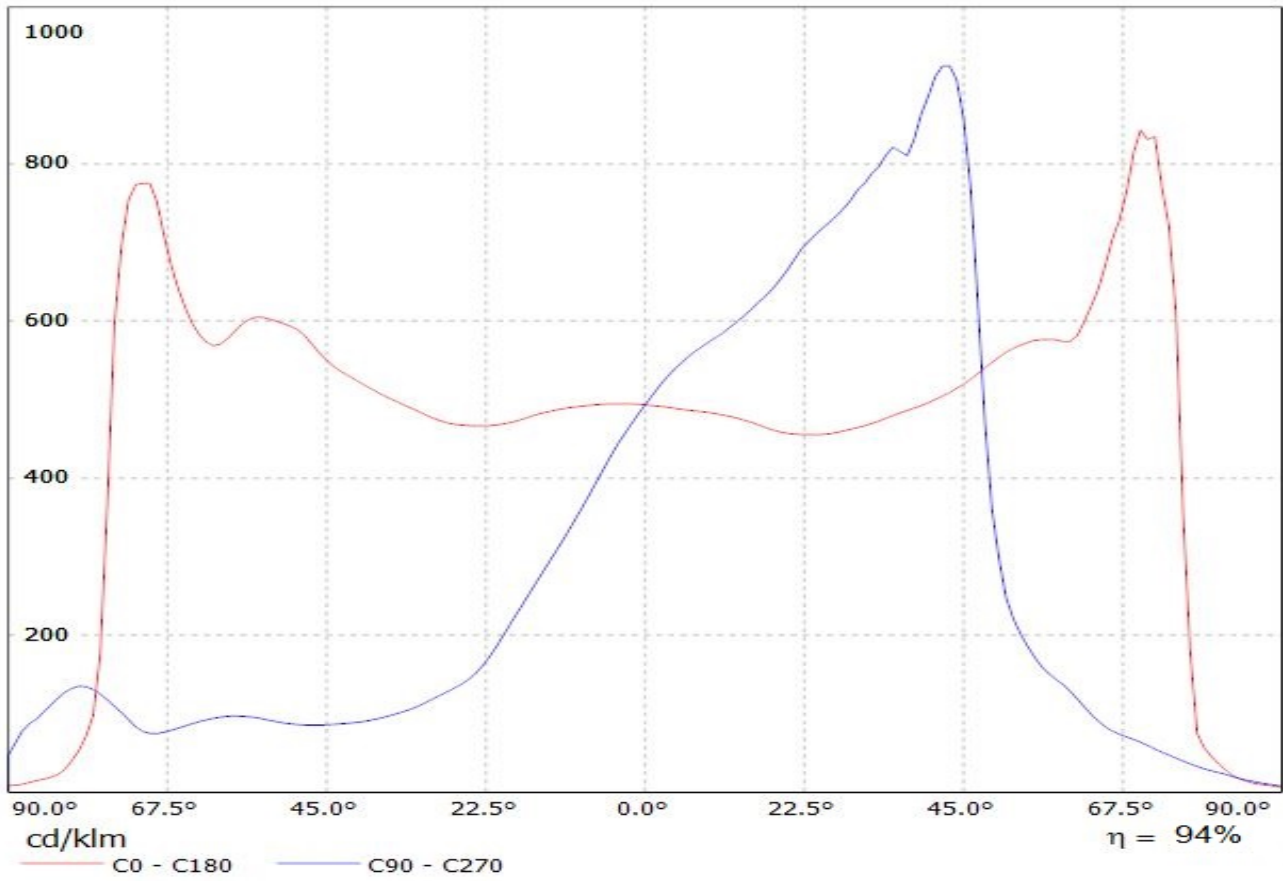
Luminaire: LEDiL Oy C13299\_STRADA-2X2-ME\_(Tridonic\_Module\_RLE\_G1)  
Lamps: 1 x Tridonic\_Module\_RLE\_G1\_4576.03lm@700mA\_P=32.0681W\_I=0.700A



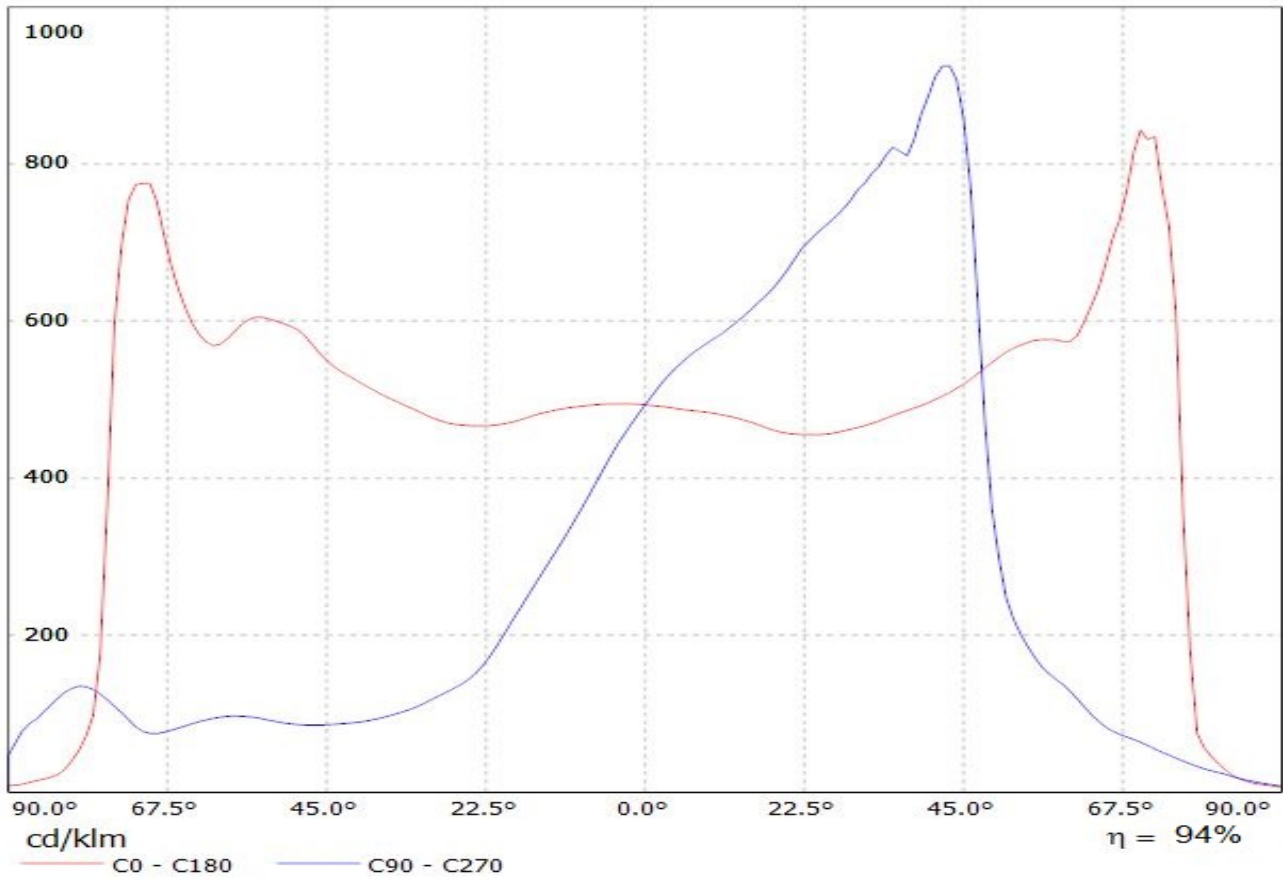
Luminaire: LEDiL Oy C13299\_STRADA-2X2-ME\_(Tridonic\_Module\_RLE\_G1)  
Lamps: 1 x Tridonic\_Module\_RLE\_G1\_4576.03lm@700mA\_P=32.0681W\_I=0.700A



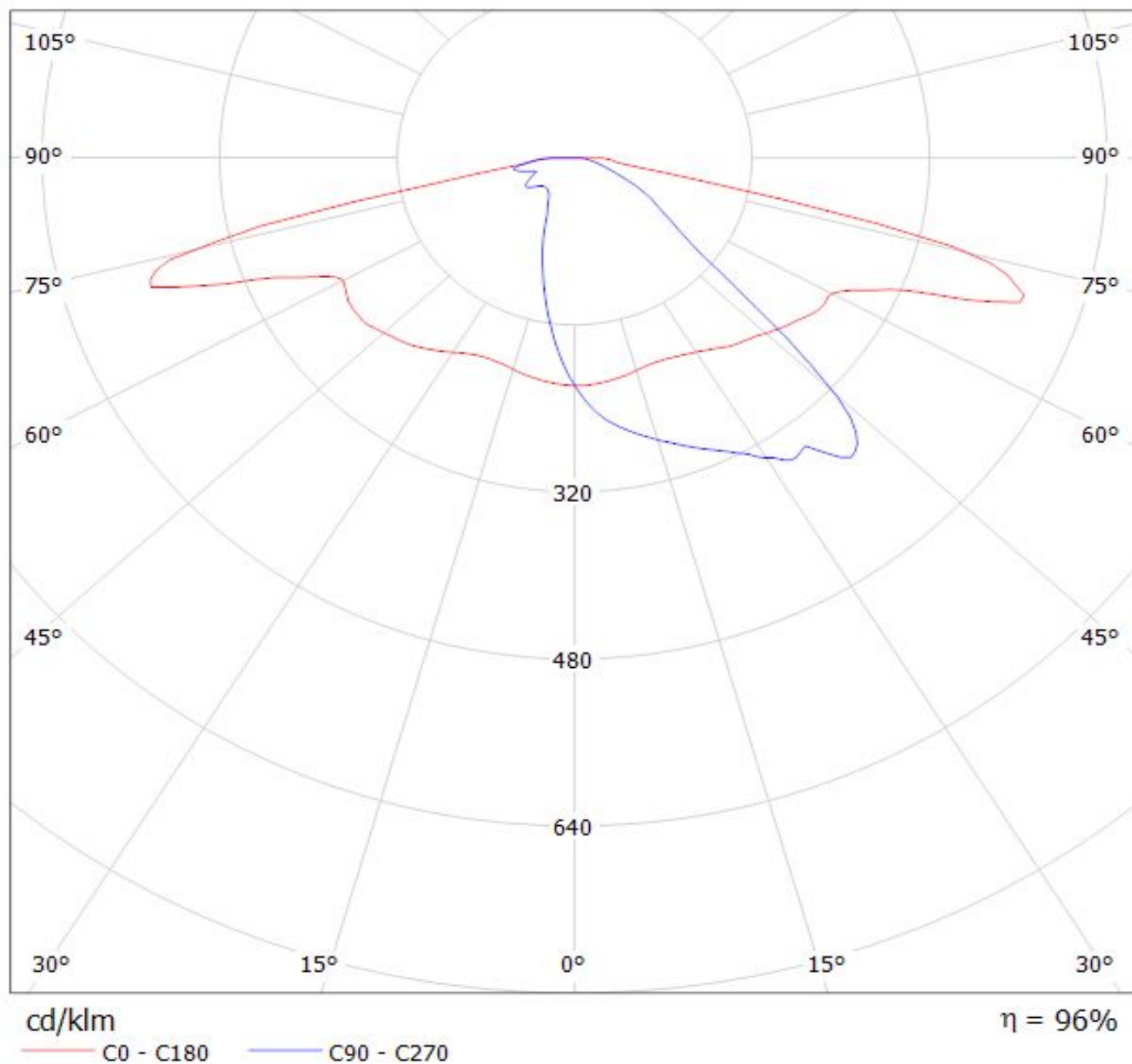
Luminaire: LEDiL Oy C13299\_STRADA-2X2-ME\_(Tridonic\_Module\_RLE\_G1)  
Lamps: 1 x Tridonic\_Module\_RLE\_G1\_2288lm@700mA\_P=16W\_I=0.700A



Luminaire: LEDiL Oy C13299\_STRADA-2X2-ME\_(Tridonic\_Module\_RLE\_G1)  
Lamps: 1 x Tridonic\_Module\_RLE\_G1\_2288lm@700mA\_P=16W\_I=0.700A

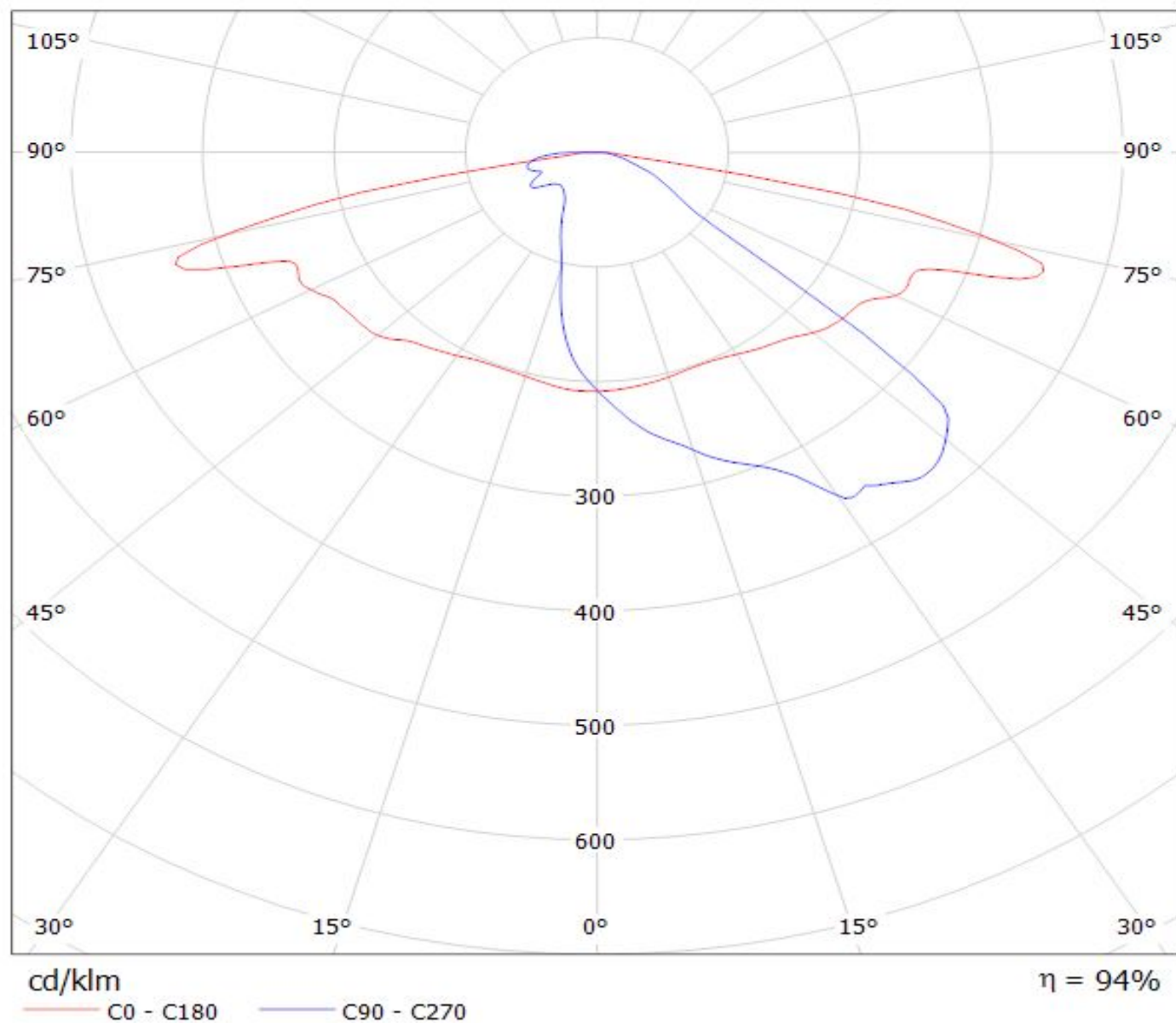


Luminaire: LEDiL Oy C13299\_STRADA-2X2-ME\_(XT-E)\_3 Eff.94.0%  
Lamps: 1 x CREE\_XT-E\_385.199lm@250mA\_CCT=5717K



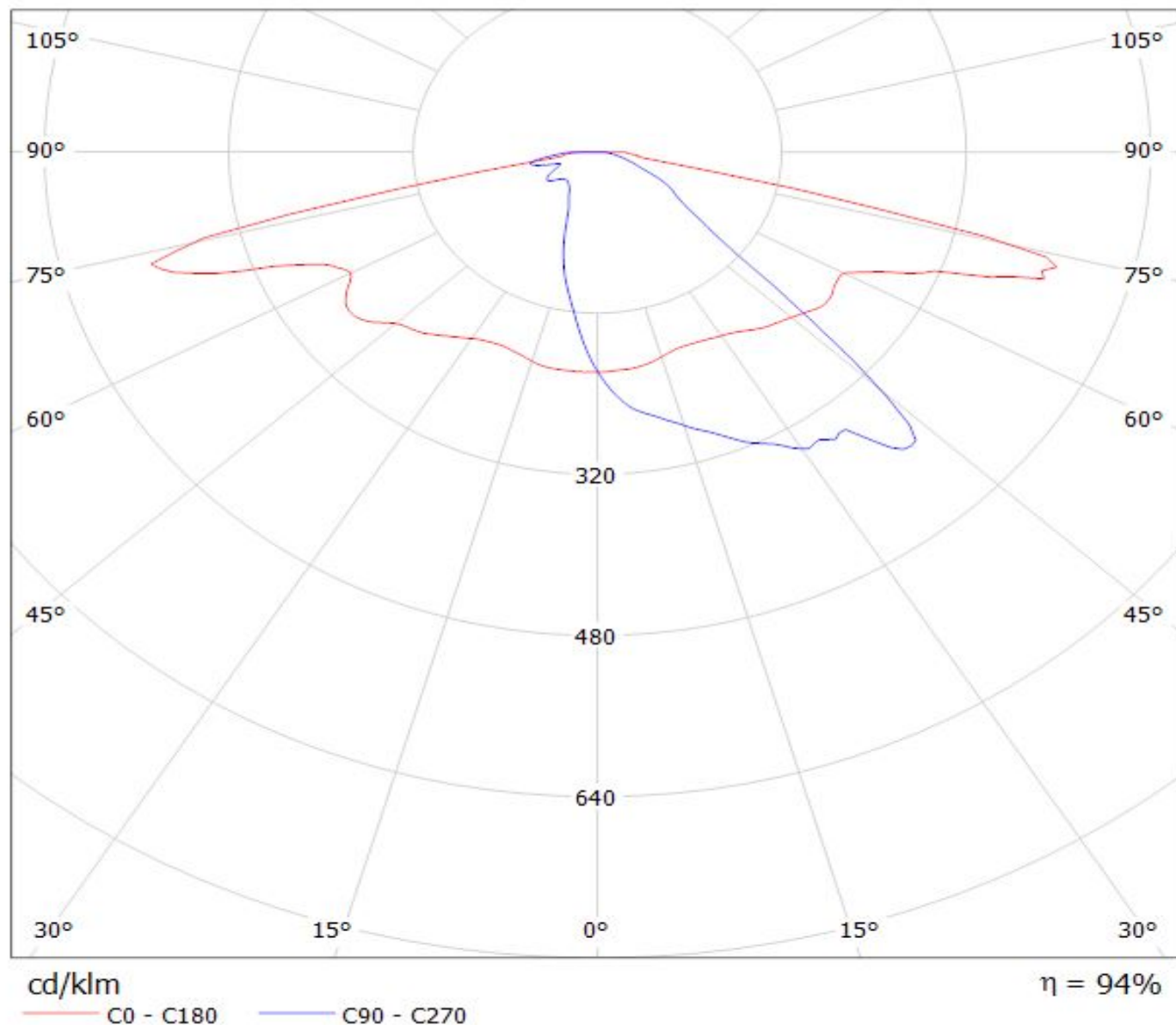
# LEDiL Oy C13299\_STRADA-2X2-ME\_(XM-L) Eff.94.0% / LDC (Polar)

Luminaire: LEDiL Oy C13299\_STRADA-2X2-ME\_(XM-L) Eff.94.0%  
Lamps: 1 x XM-L\_2x2\_360.4lm@250mA\_P=2.82462W\_I=249.9mA



# LEDiL Oy C13299\_STRADA-2X2-ME\_(XB-D) Eff.94.0% / LDC (Polar)

Luminaire: LEDiL Oy C13299\_STRADA-2X2-ME\_(XB-D) Eff.94.0%  
Lamps: 1 x XB-D\_2x2\_368.85lm@250mA\_P=3.06227W\_I=249.9mA

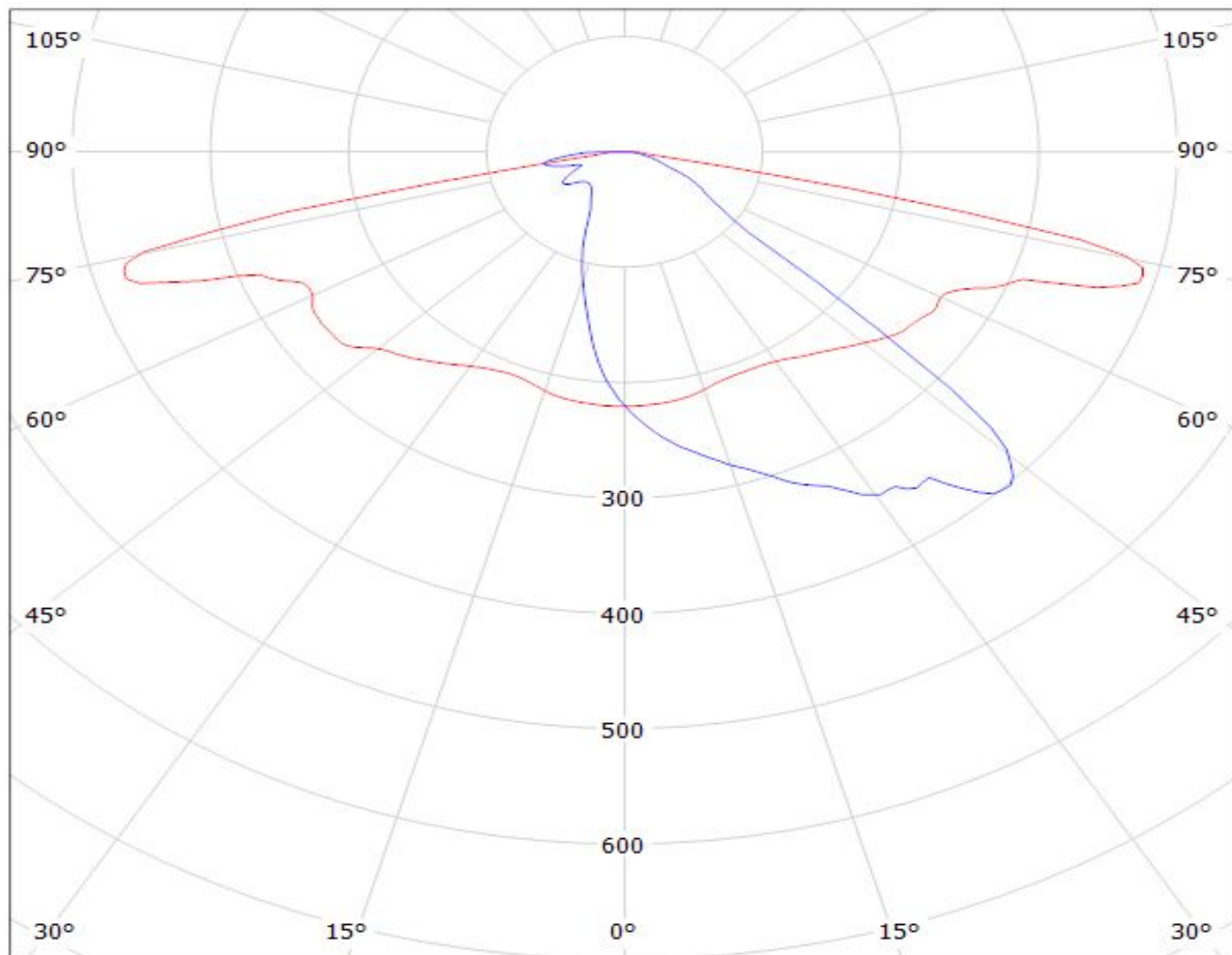


# LEDiL Oy C13299\_STRADA-2X2-ME\_(XP-G2) Eff.94.0% / LDC (Polar)

Luminaire: LEDiL Oy C13299\_STRADA-2X2-ME\_(XP-G2) Eff.94.0%

Lamps: 1 x XP-G2\_2x2\_(XPGBWT-L1-000-00G51)

\_418.9lm@250mA\_CCT=7181K\_P=2.93358W\_I=249.9mA



cd/klm

— C0 - C180

— C90 - C270

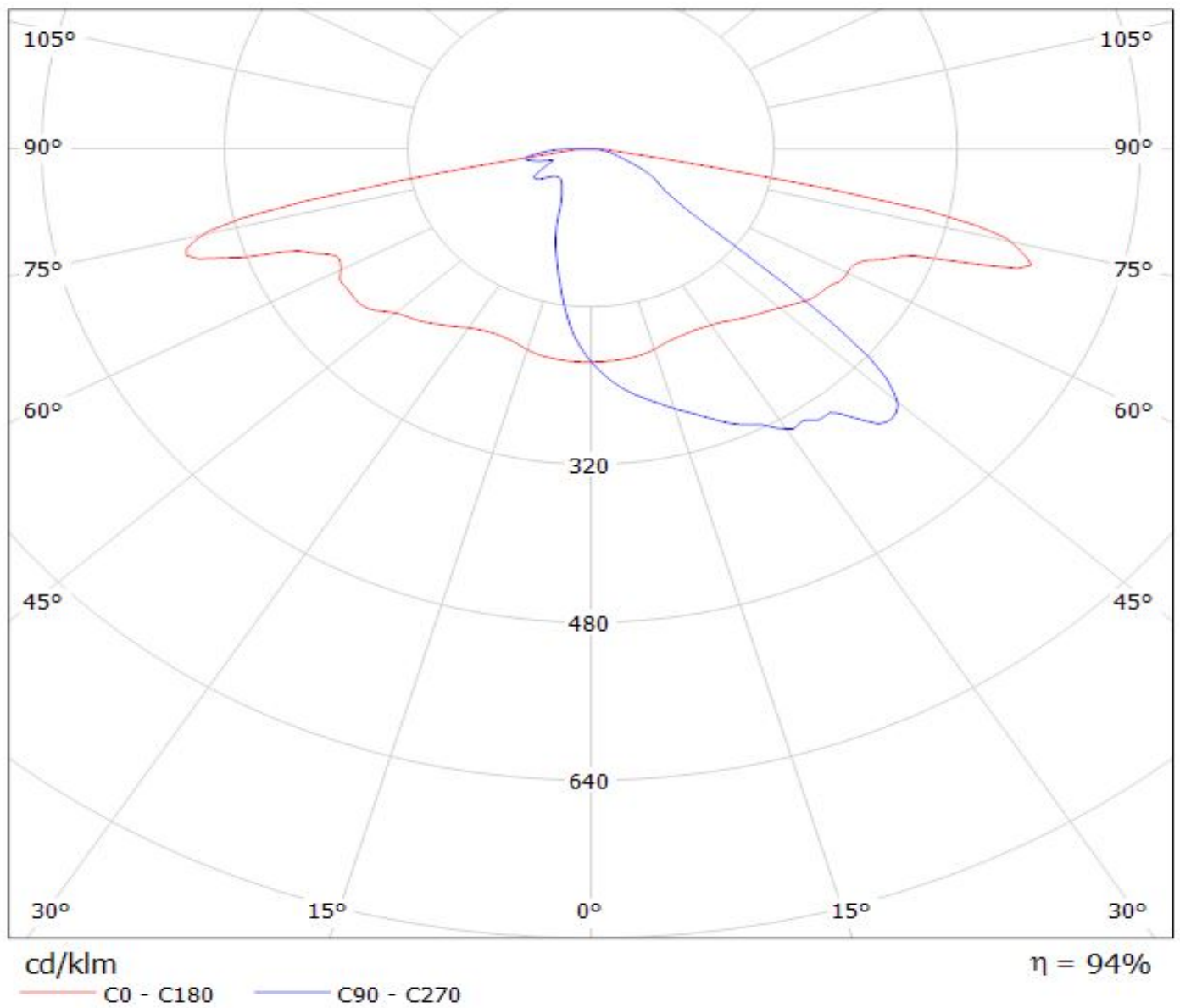
$\eta = 94\%$



# LEDiL Oy C13299\_STRADA-2X2-ME\_(XP-G) / LDC (Polar)

Luminaire: LEDiL Oy C13299\_STRADA-2X2-ME\_(XP-G)

Lamps: 1 x XP-G\_2x2\_258.35lm@250mA\_P=2.88734W\_I=249.9mA

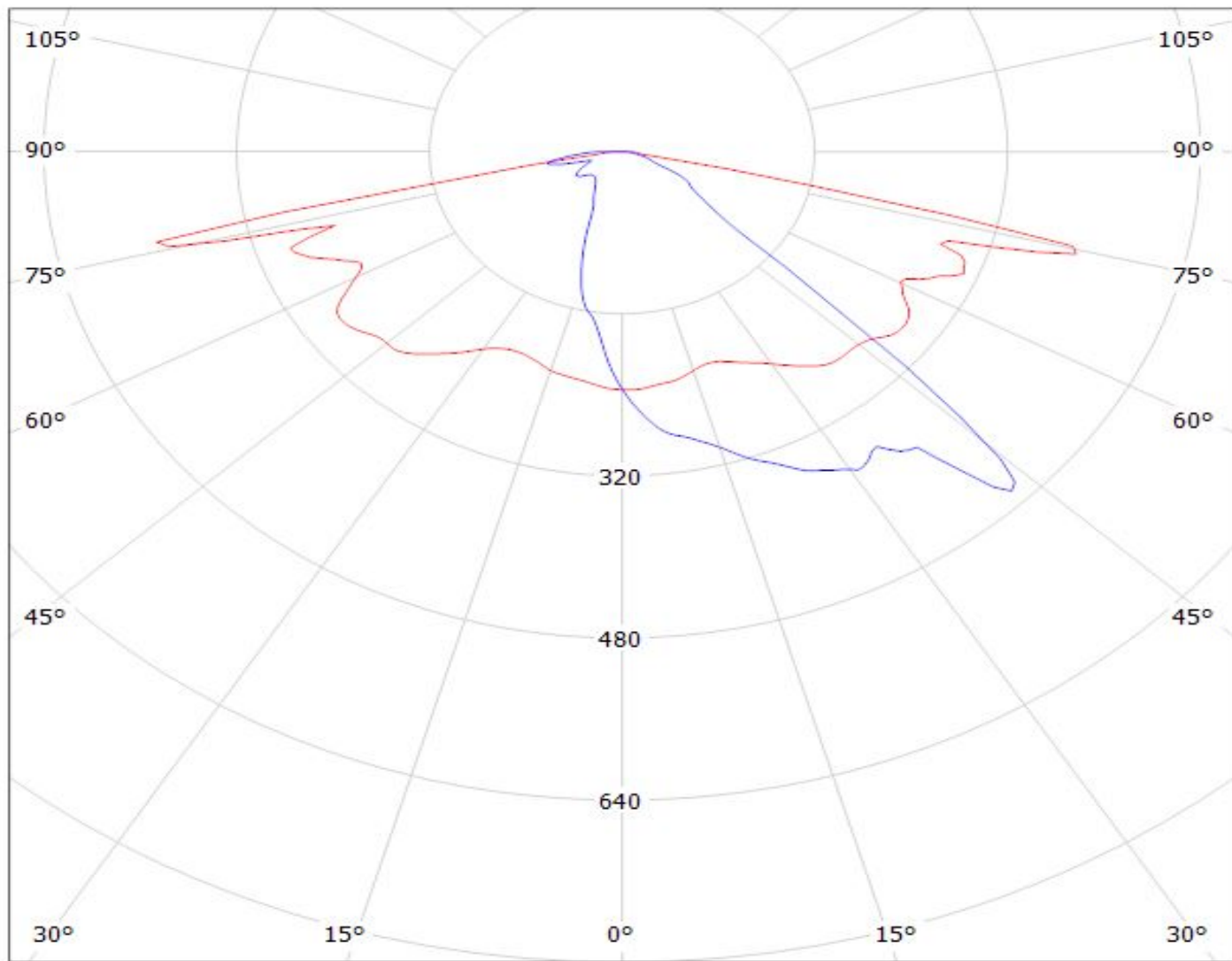


# LEDiL Oy C13299\_STRADA-2X2-ME\_(XP-E2) Eff.94.0% / LDC (Polar)

Luminaire: LEDiL Oy C13299\_STRADA-2X2-ME\_(XP-E2) Eff.94.0%

Lamps: 1 x CREE\_XP-E2\_2x2\_(XPEBWT-L1-7B4-Q4-0-01)

\_341.05lm@250mA\_P=2.92366W\_I=249.8mA



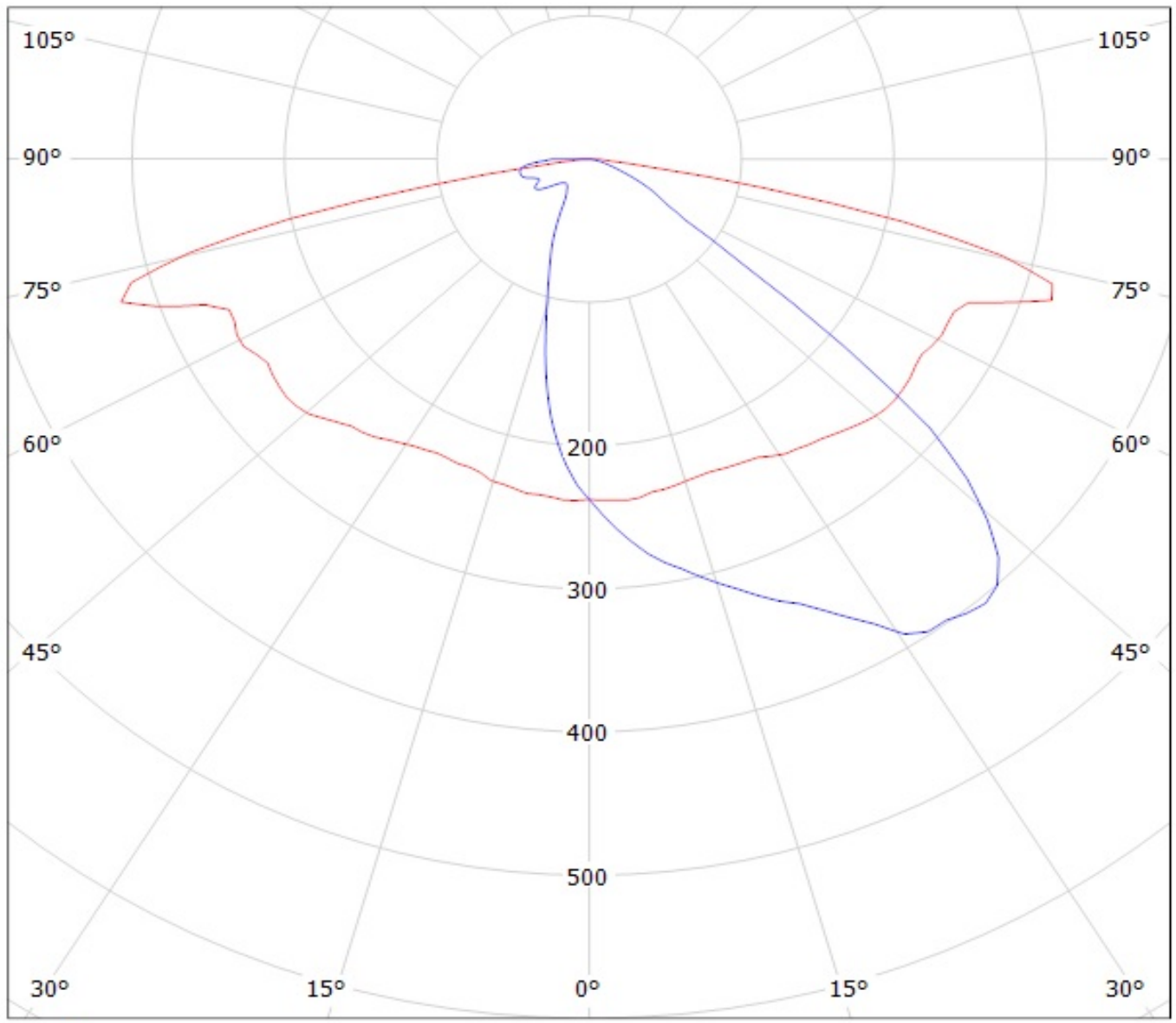
cd/klm

— C0 - C180

— C90 - C270

$\eta = 94\%$

Luminaire: LEDil Oy C13299\_STRADA-2X2-ME\_(XM-L2) Efficiency=94%  
Lamps: 1 x Cree XM-L2 (XMLBWT-0-7B4-T30-0L-0001) 356lm @ 250mA CCT=3200K P=2.8W I=250mA

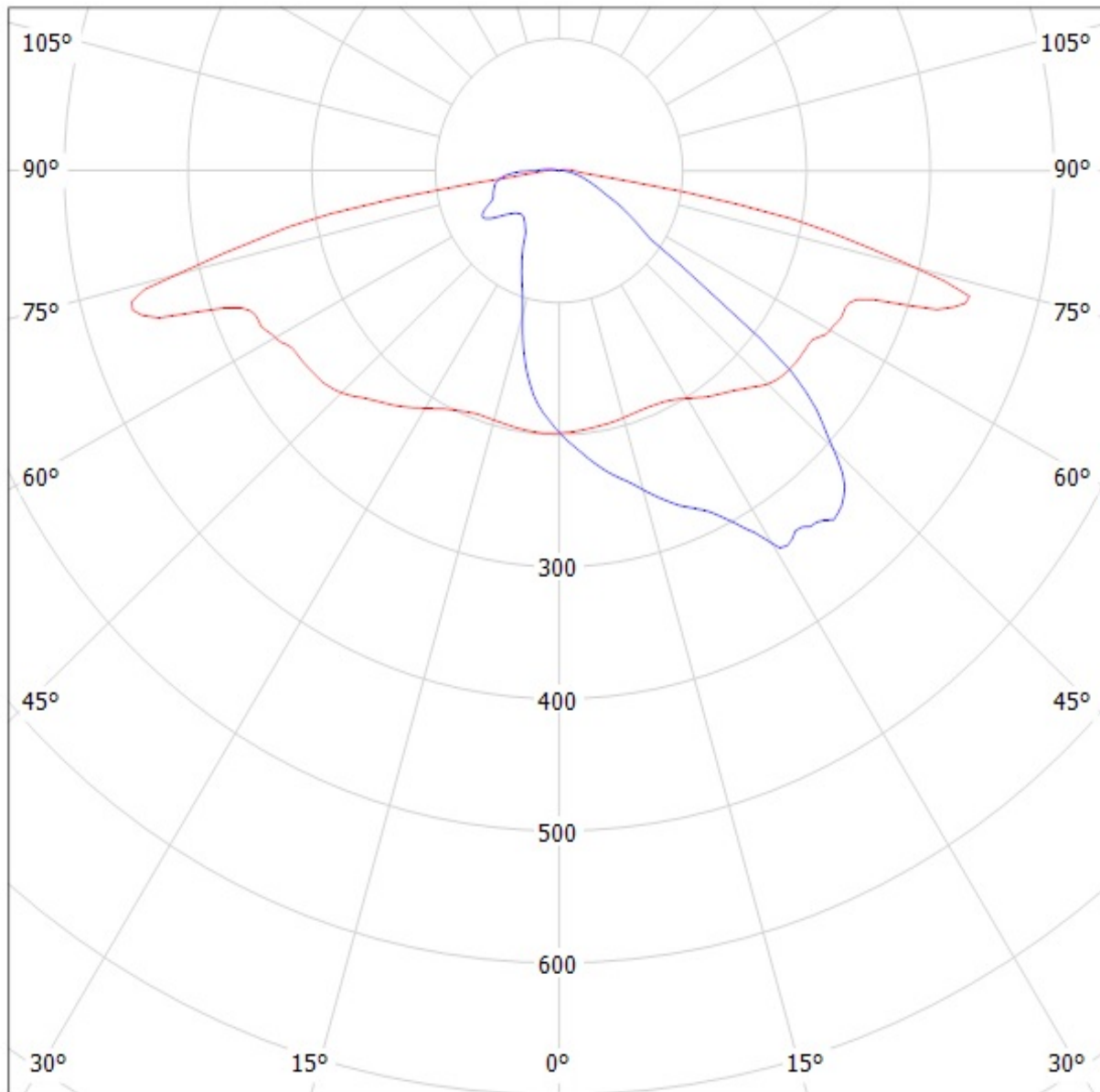


cd/klm

— C0 - C180    — C90 - C270

Luminaire: LEDiL Oy C13299\_STRADA-2X2-ME\_(XP-L)

Lamps: 1 x CREE\_XP-L\_2x2\_(XPLAWT-0-1B0-V40-00-0001)\_518.95lm@250mA\_CCT=7600K\_P=2.79963W\_I=249.9mA

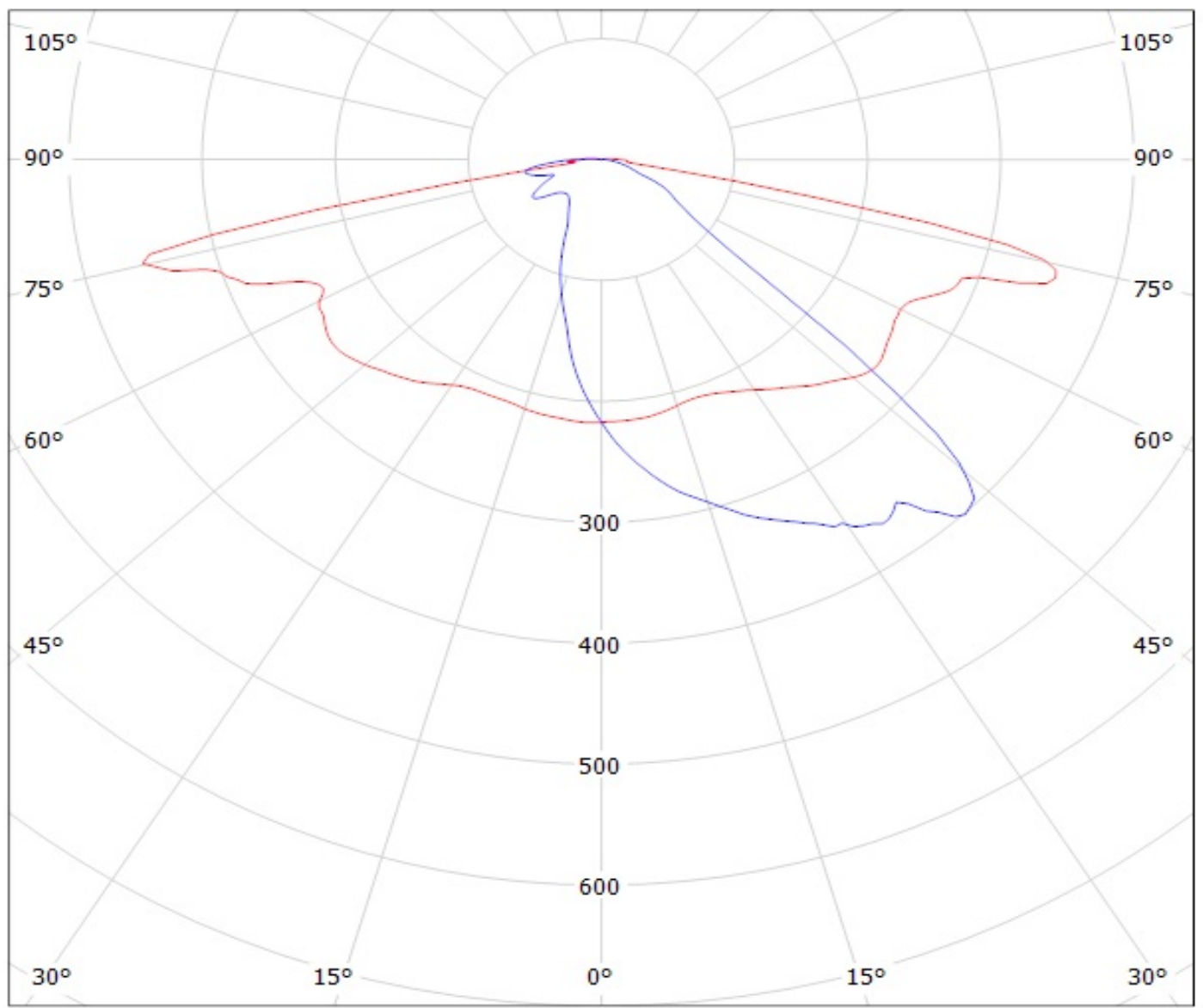


cd/klm

— C0 - C180    — C90 - C270

$\eta = 94\%$

Luminaire: LEDiL Oy C13299\_STRADA-2X2-ME\_(XP-L\_HI)  
Lamps: 1 x Cree\_XP-L\_HI\_(2x2)\_(XPLAWT-H-5A3-U60-013-0001)  
\_455.077lm@250mA\_P=2.84011W\_I=0,2499A

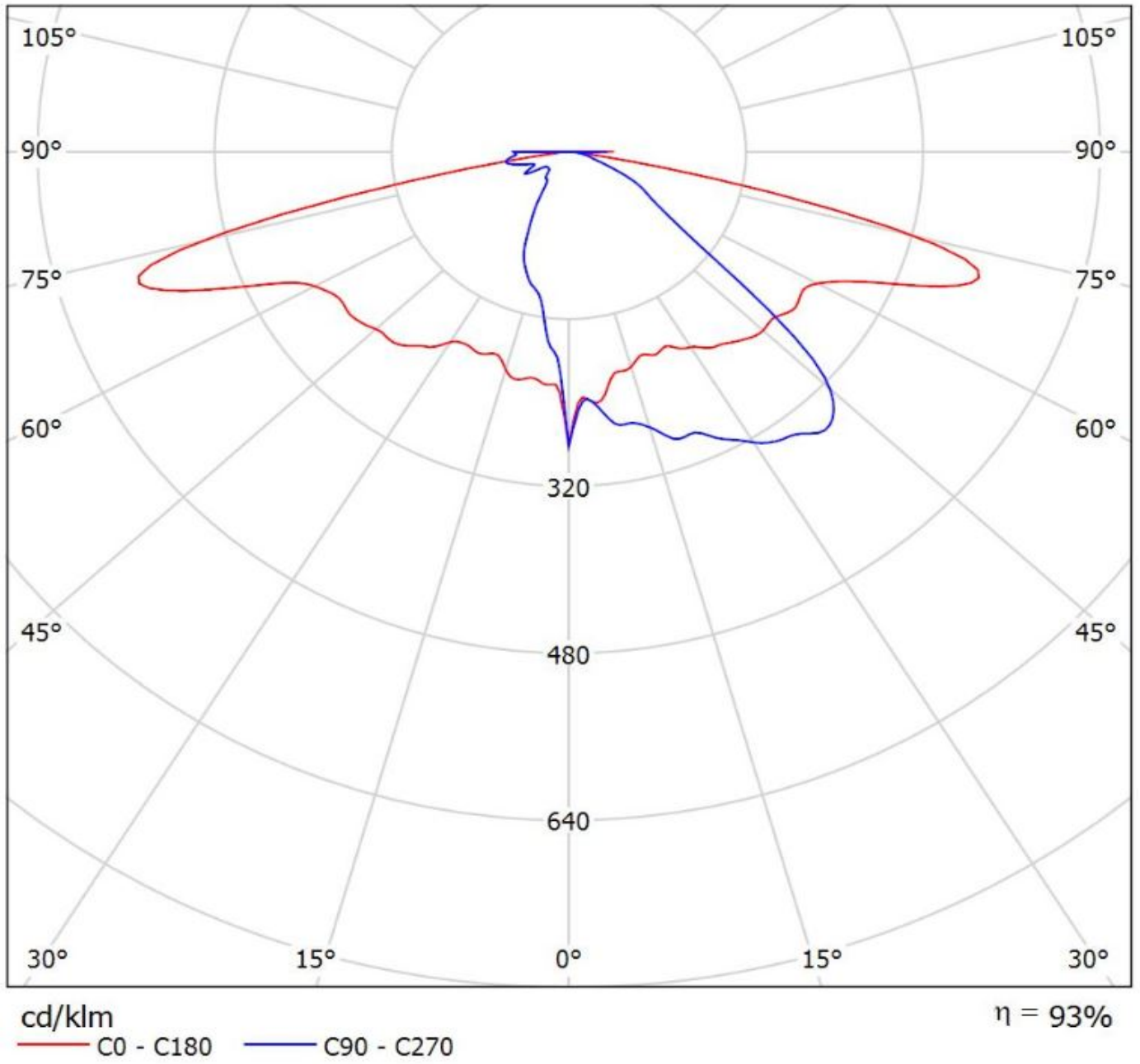


cd/klm

— C0 - C180 — C90 - C270

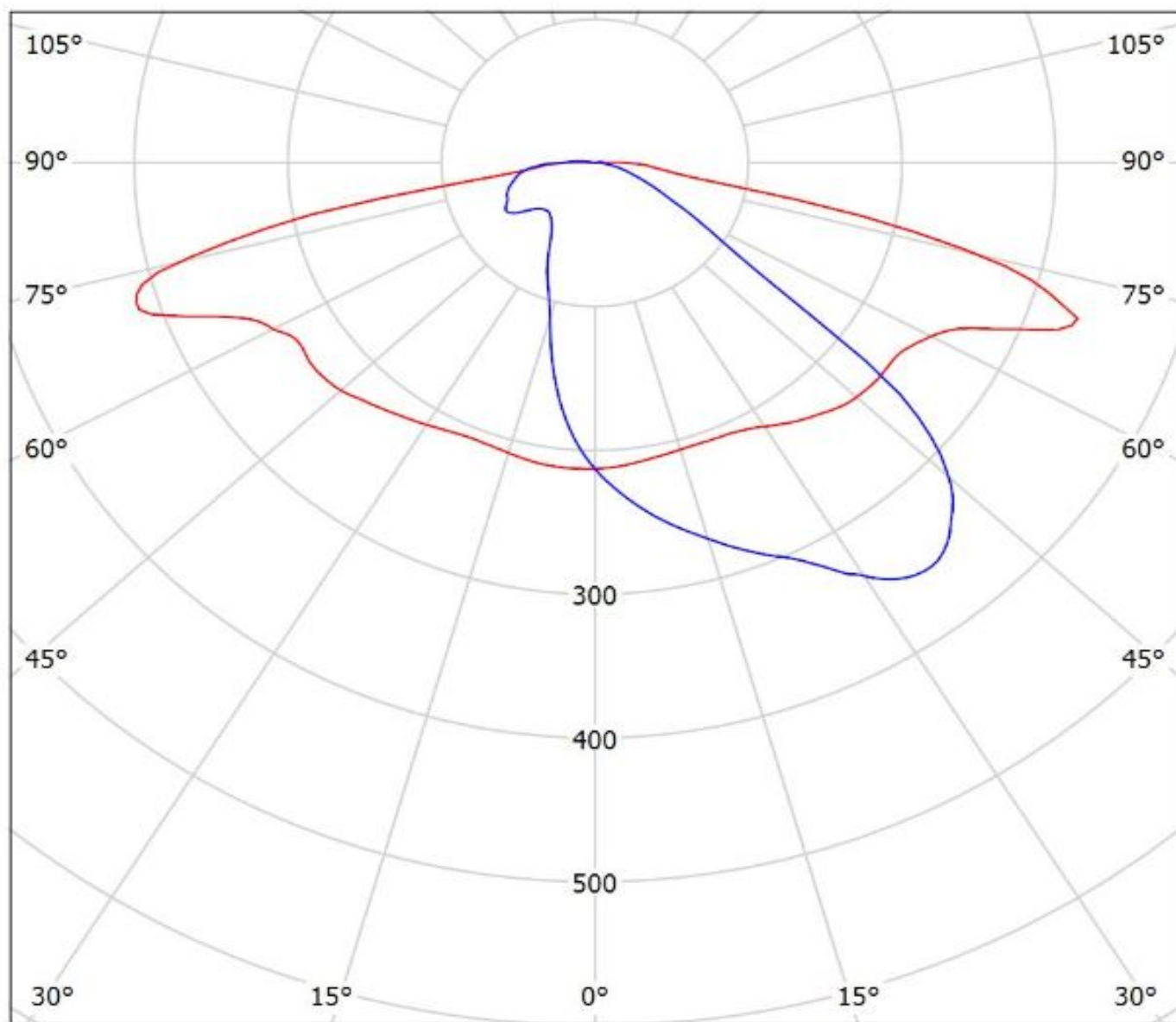
$\eta = 96\%$

Luminaire: Ledil Oy C13299\_STRADA-2X2-ME\_CREE\_XP-G3\_SIMULATED  
Lamps: 1 x CREE XP-G3



Luminaire: Ledil C13299\_STRADA-2X2-ME\_(XP-L2)

Lamps: 1 x Cree\_XP-L2\_2x2\_(XPLBWT-00-0000-000BV50E3)550.93lm@250mA\_P=2.7815W\_I=0.25A



cd/klm

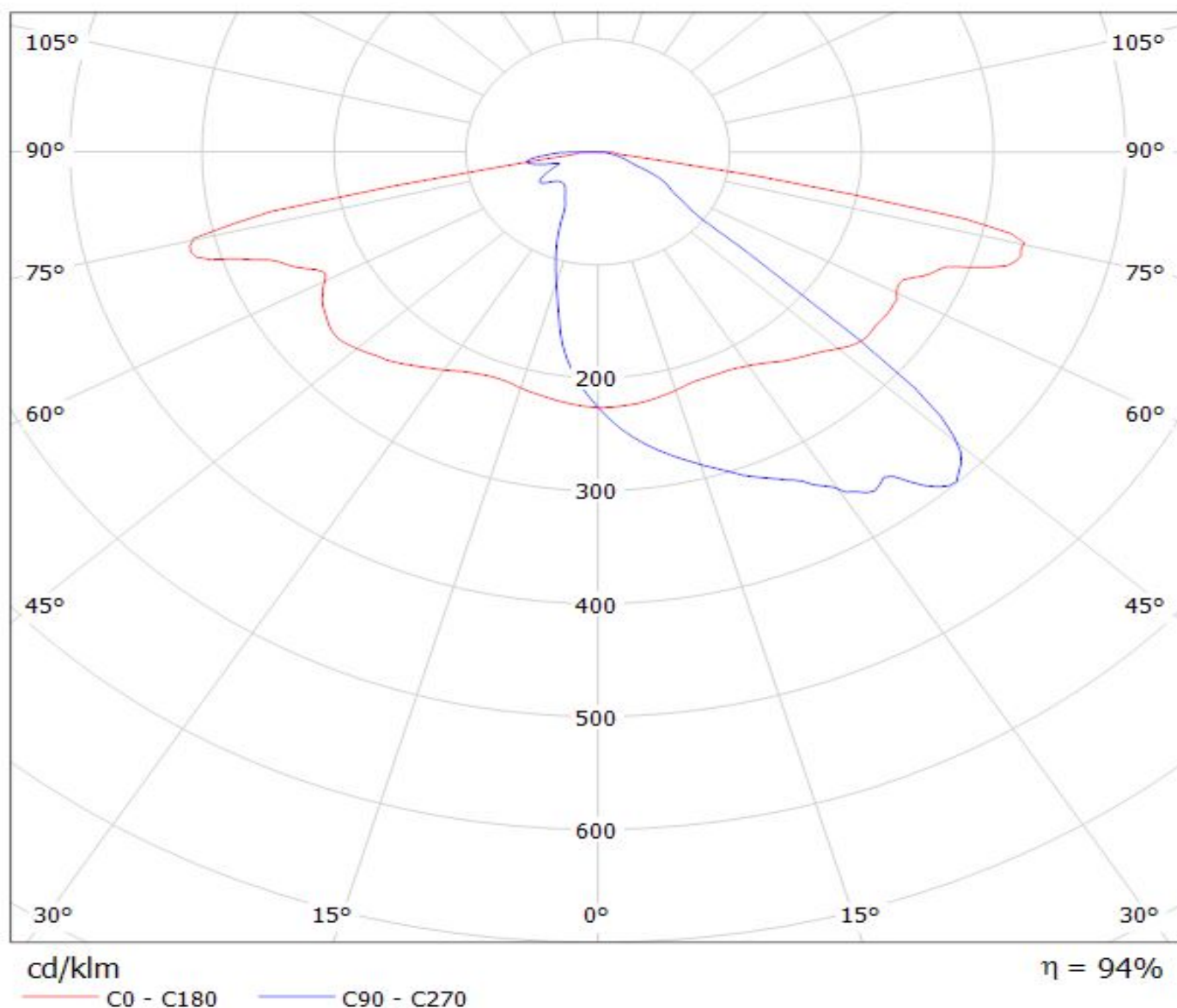
— C0 - C180 — C90 - C270

η = 97%

**LEDiL Oy C13299\_STRADA-2X2-ME\_(LG-3535-CERAMIC-GEN2) Eff.94.0% /  
LDC (Polar)**

Luminaire: LEDiL Oy C13299\_STRADA-2X2-ME\_(LG-3535-CERAMIC-GEN2) Eff.94.0%

Lamps: 1 x LG-3535-CERAMIC-GEN2\_2x2\_475.9lm@250mA\_P=2.8651W\_CCT=6562K\_I=249.9mA

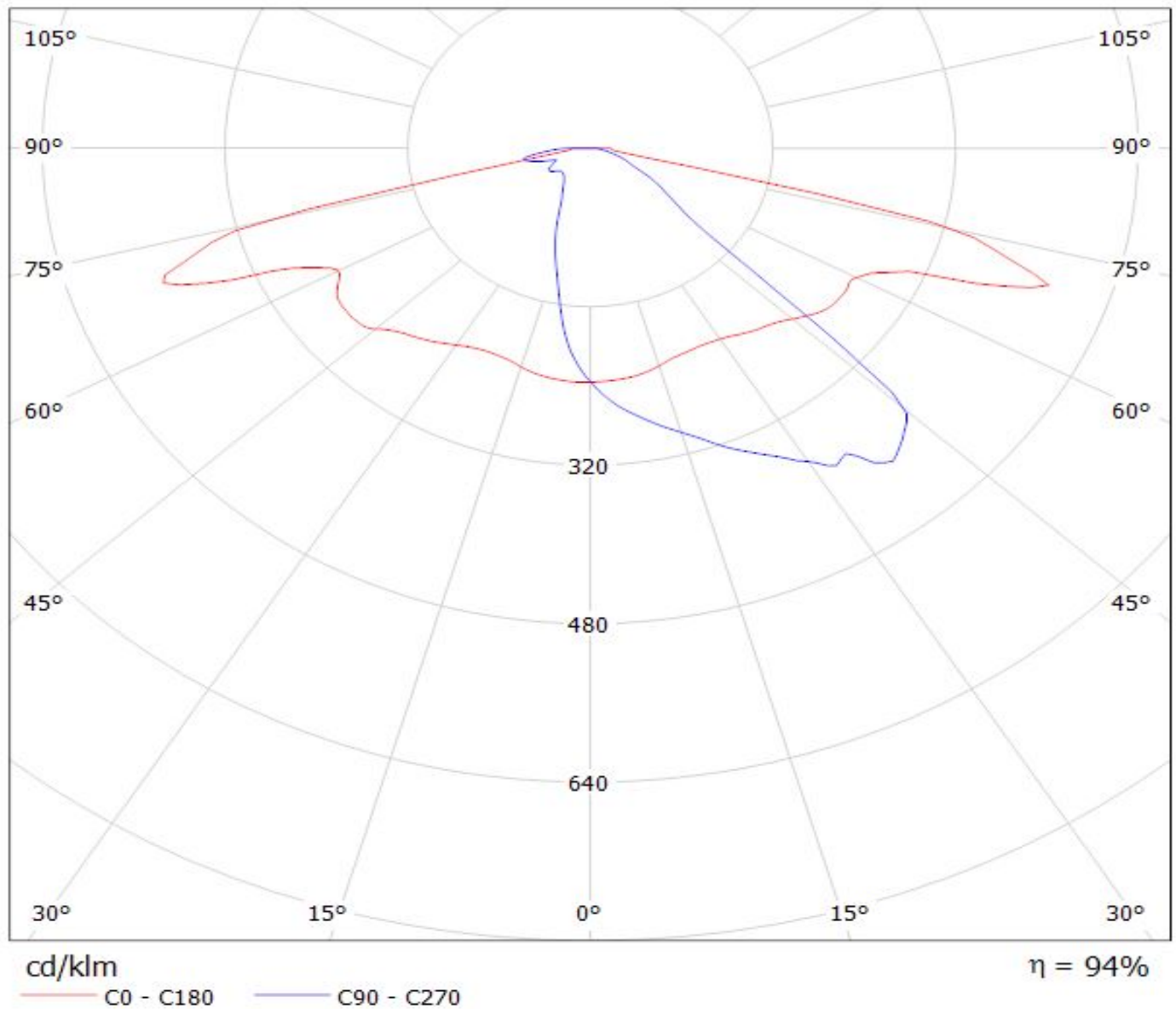




# LEDiL Oy C13299\_STRADA-2X2-ME\_(Luxeon-R) Eff.94.0% / LDC (Polar)

Luminaire: LEDiL Oy C13299\_STRADA-2X2-ME\_(Luxeon-R) Eff.94.0%

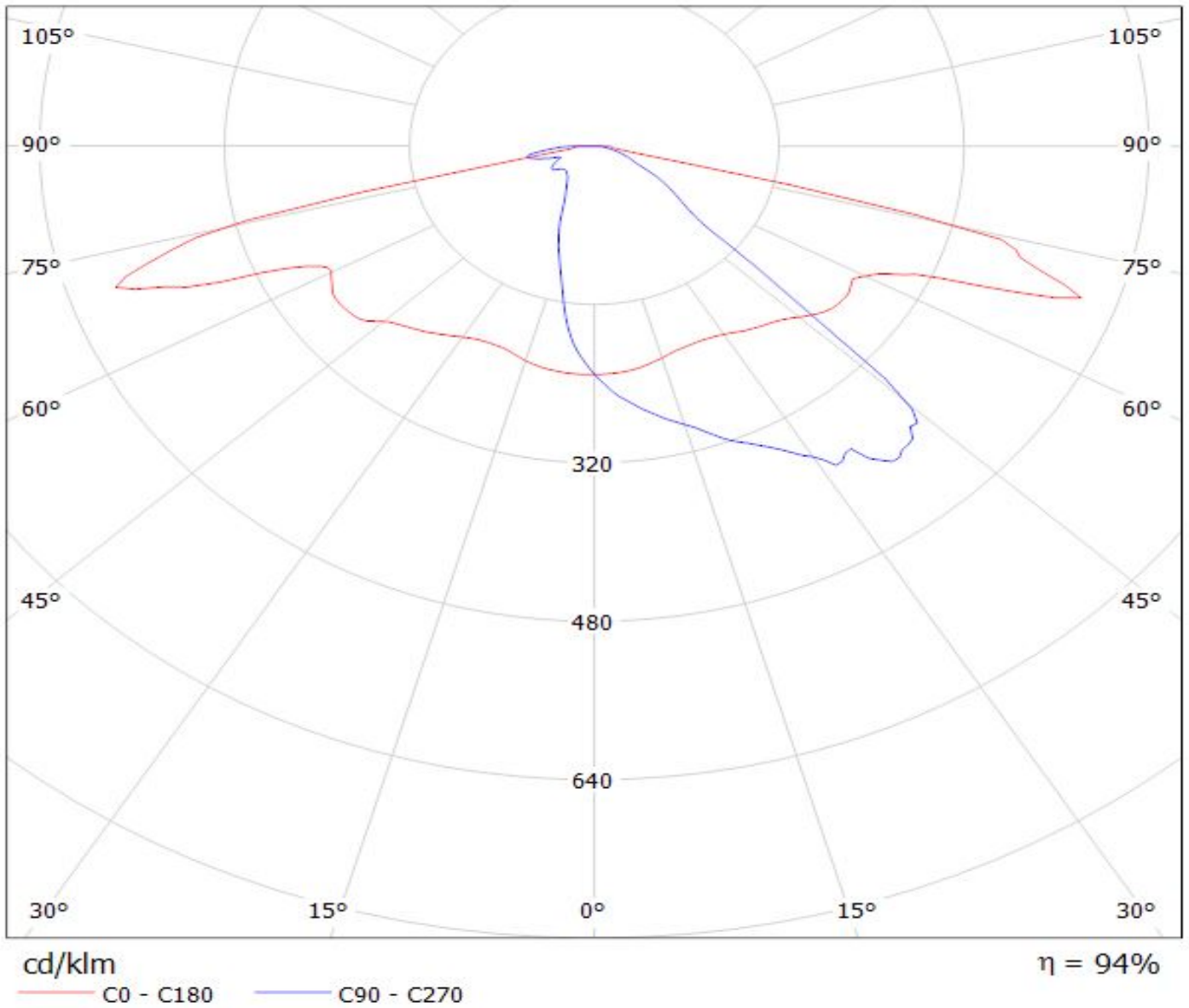
Lamps: 1 x Luxeon\_R\_2x2\_(LXA7-PW30)\_314.75lm@250mA\_P=2.77914W\_I=249.9mA



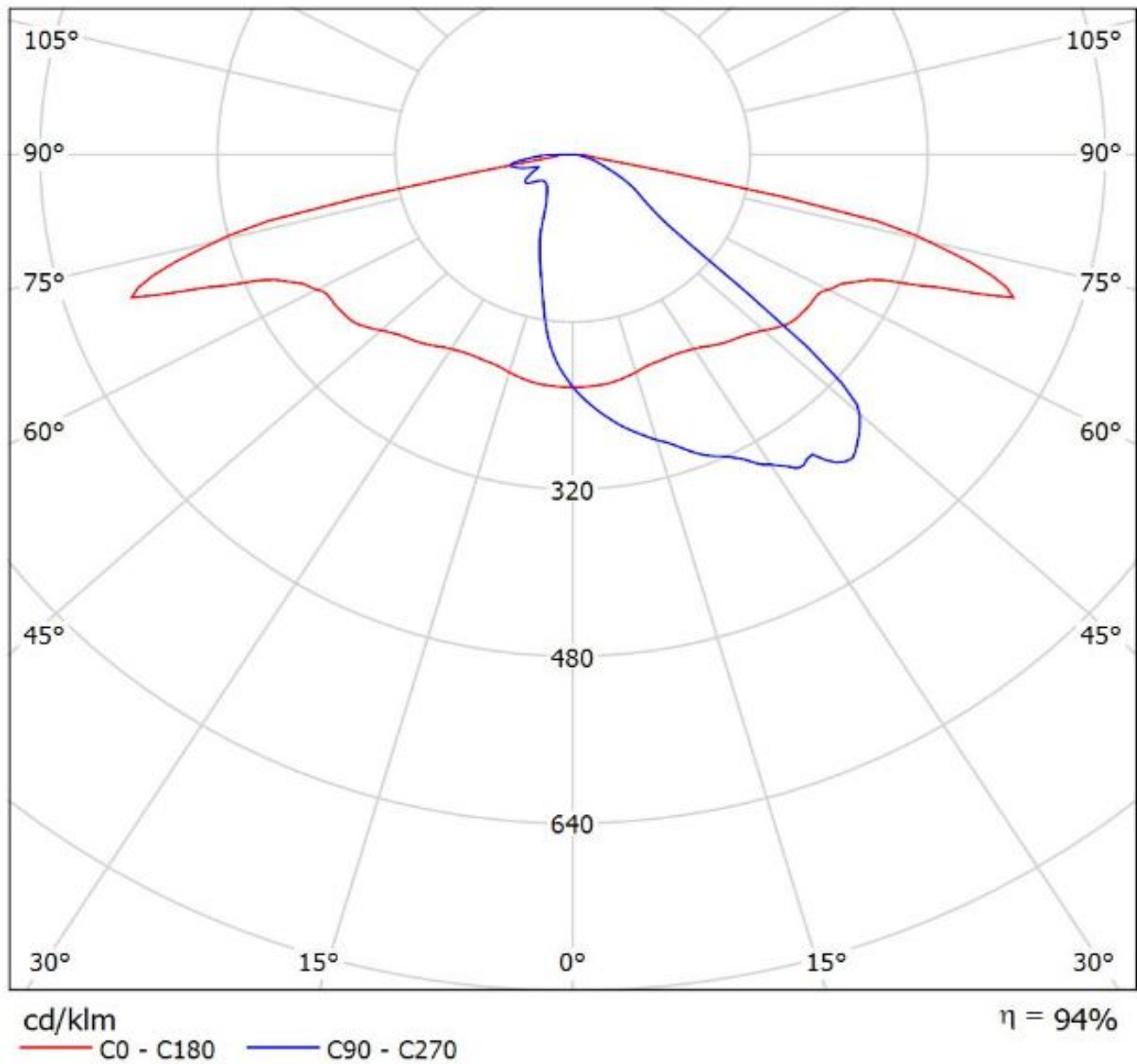
# LEDiL Oy C13299\_STRADA-2X2-ME\_(Rebel-ES) Eff.94.0% / LDC (Polar)

Luminaire: LEDiL Oy C13299\_STRADA-2X2-ME\_(Rebel-ES) Eff.94.0%

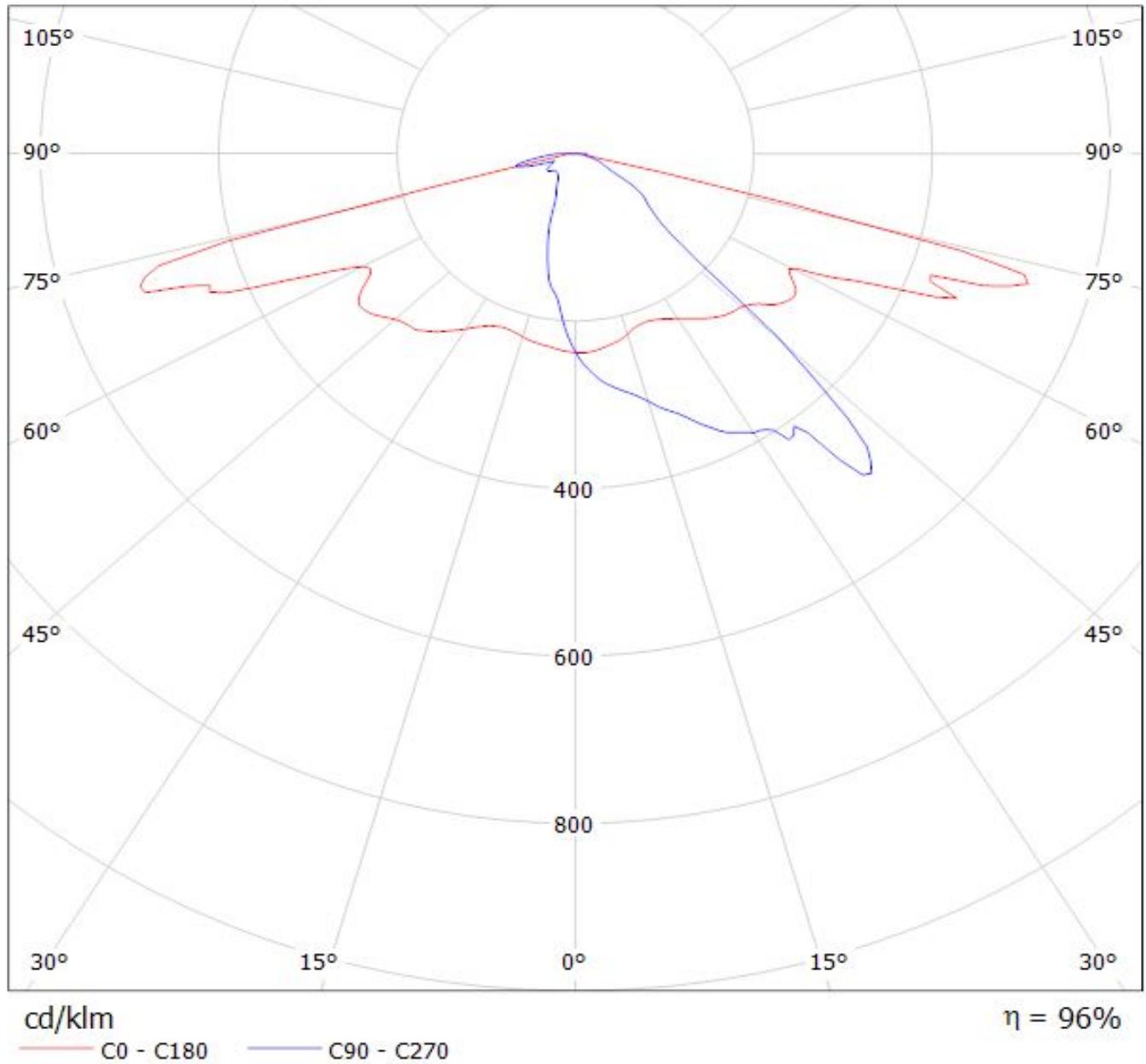
Lamps: 1 x Luxeon\_Rebel-ES\_2x2\_341.5lm@250mA\_P=2.86485W\_I=249.9mA



Luminaire: LEDiL Oy C13299\_STRADA-2x2-ME\_(Luxeon\_T)  
Lamps: 1 x Luxeon T (LXH8-FW30-3) 303lm@250mA P=2.80138W I=0.2499A

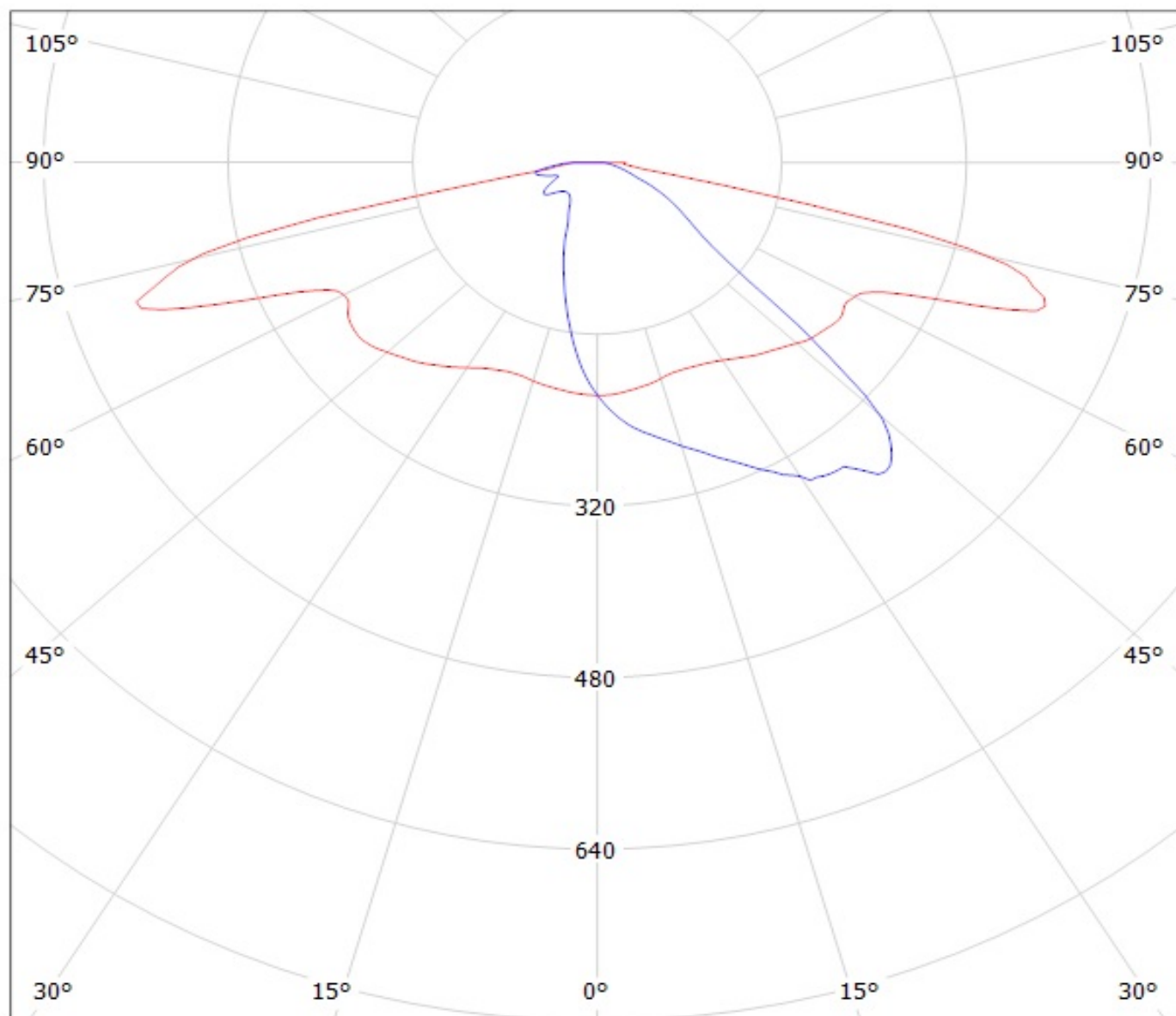


Luminaire: LEDiL Oy C13299\_STRADA-2x2-ME\_(Luxeon\_Z\_ES) Eff. 94%  
Lamps: 1 x Luxeon\_Z\_ES\_2x2\_(LXZ2-3090)\_210.126lm@250mA\_P=2.81862W\_I=249.9mA



Luminaire: LEDiL Oy C13299\_STRADA-2X2-ME\_(LUXEON\_Q)

Lamps: 1 x LUXEON\_Q\_2x2\_(LHQ-3080)\_298.615lm@250mA\_P=2.86995W\_I=249.8mA



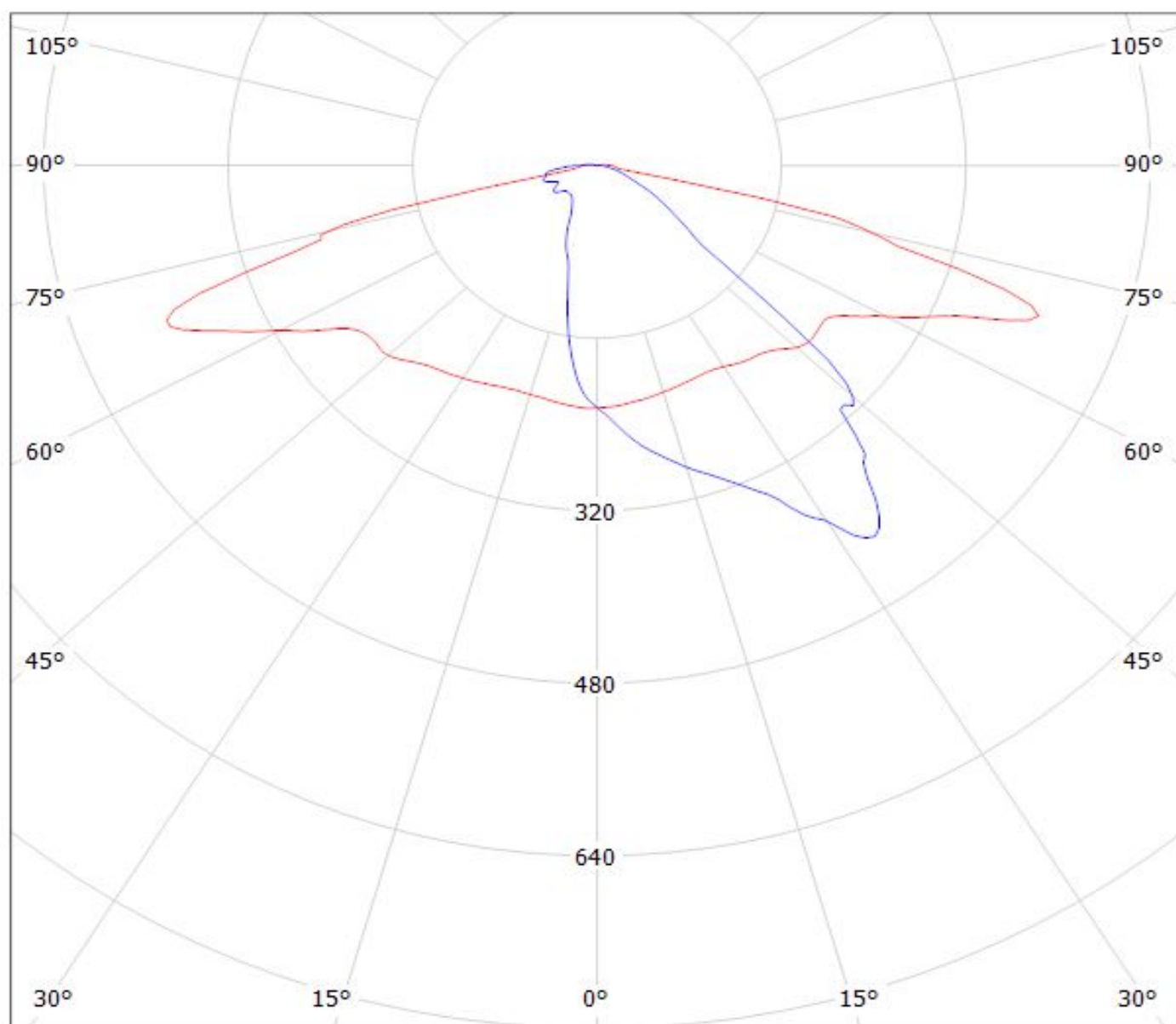
cd/klm

— C0 - C180

— C90 - C270

Luminaire: LEDiL Oy C13299\_STRADA-2X2-ME\_(LUXEON\_MZ) Eff.94.0%

Lamps: 1 x LUXEON\_MZ\_2x2\_(LMZ7-QW57)\_419.8lm@250mA\_P=2.71916W\_CCT=5700K\_I=249.9mA



cd/klm

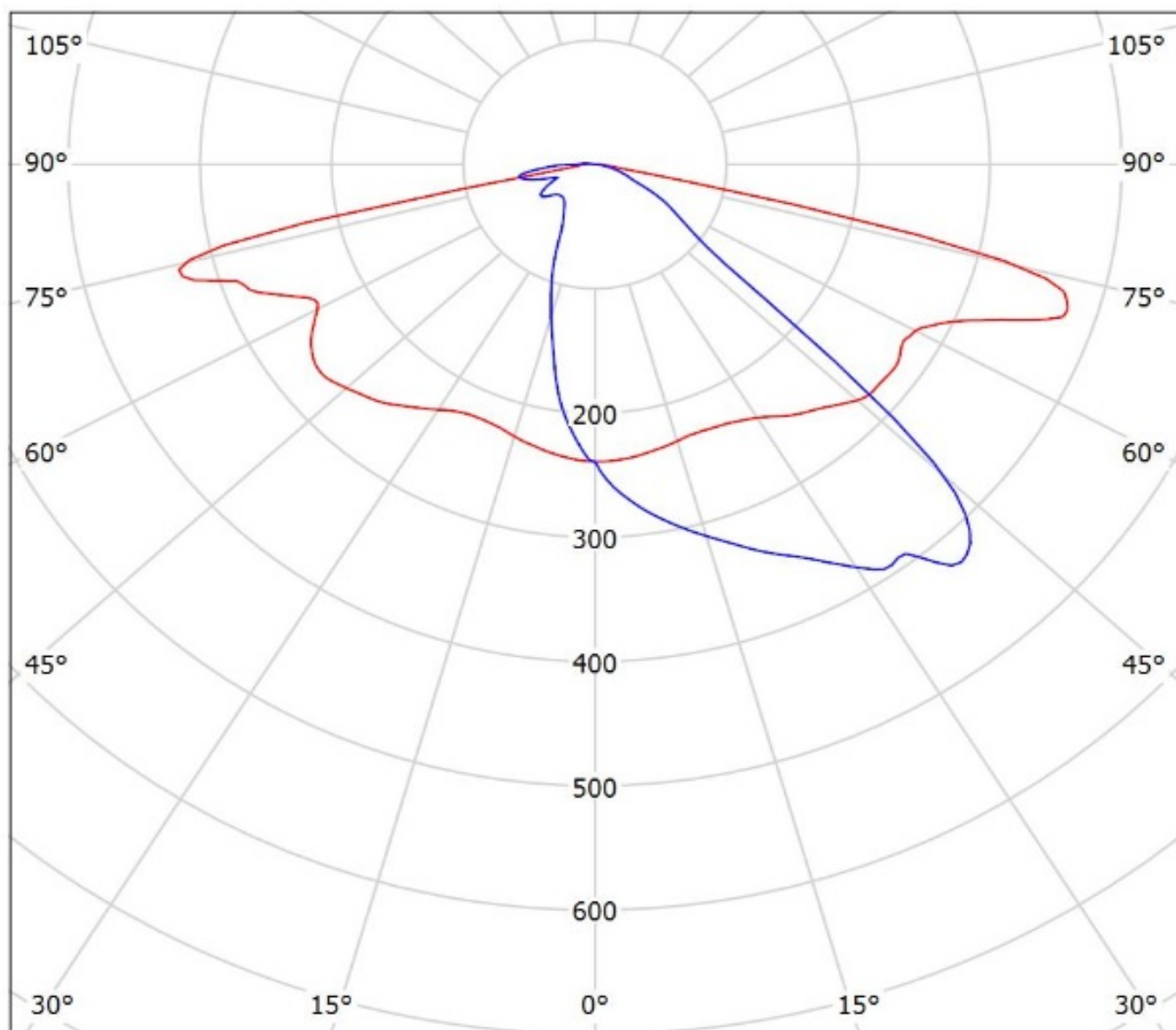
— C0 - C180

— C90 - C270

$\eta = 94\%$

Luminaire: Ledil C13299\_STRADA-2X2-ME\_(Luxeon\_TX)

Lamps: 1 x Luxeon\_TX\_2x2\_(L1T2-3585)\_331.643lm@250mA\_P=3W\_I=0.25A



cd/klm

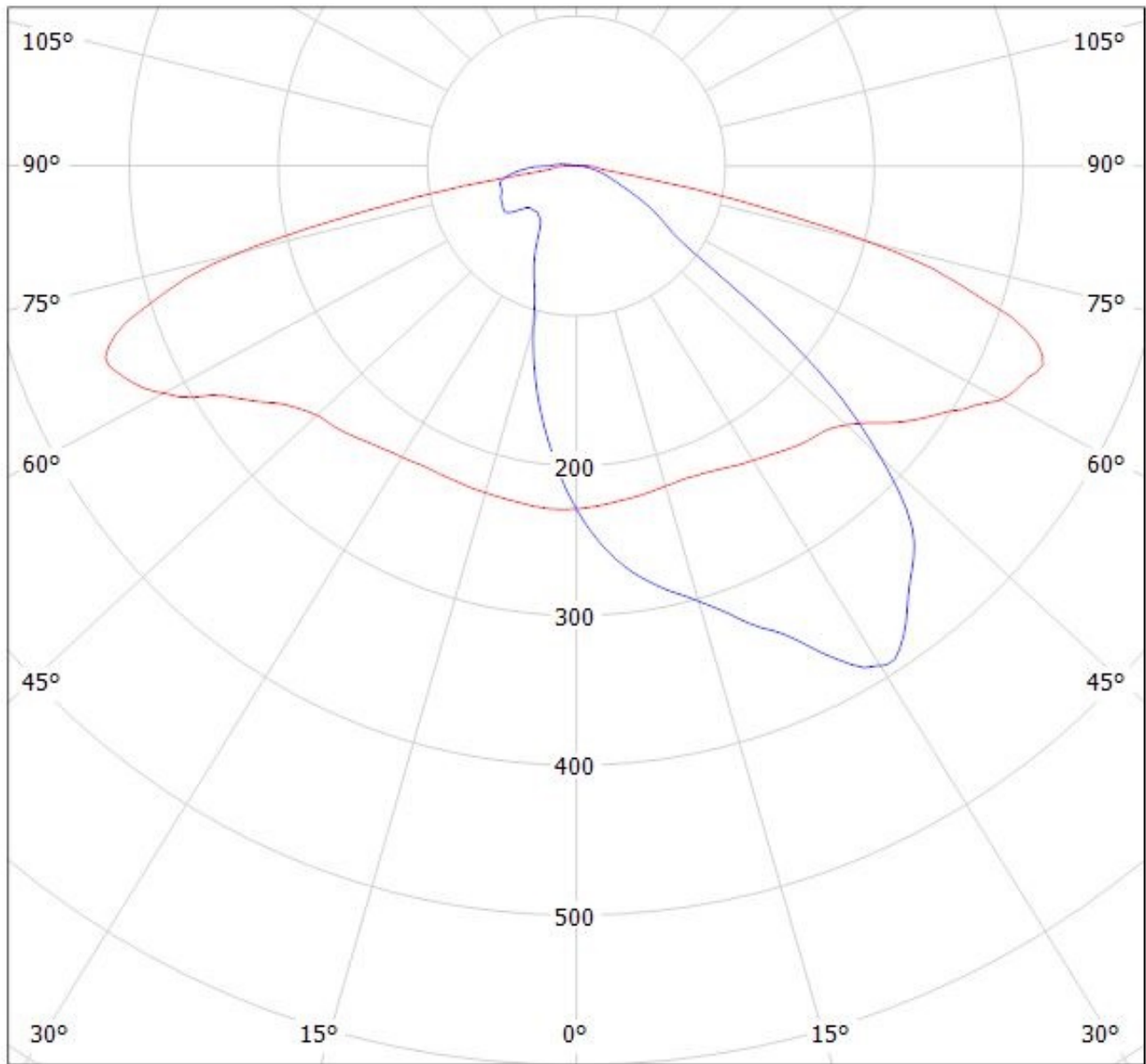
— C0 - C180

— C90 - C270

$\eta = 96\%$

Luminaire: LEDiL Oy C13299\_STRADA-2X2-ME\_(Luxeon\_5050)

Lamps: 1 x Luxeon\_5050\_2x2\_1270.76lm@80mA\_CCT=5700K\_P=7.35815W\_I=0.080A\_70CRI



cd/klm

— C0 - C180

— C90 - C270

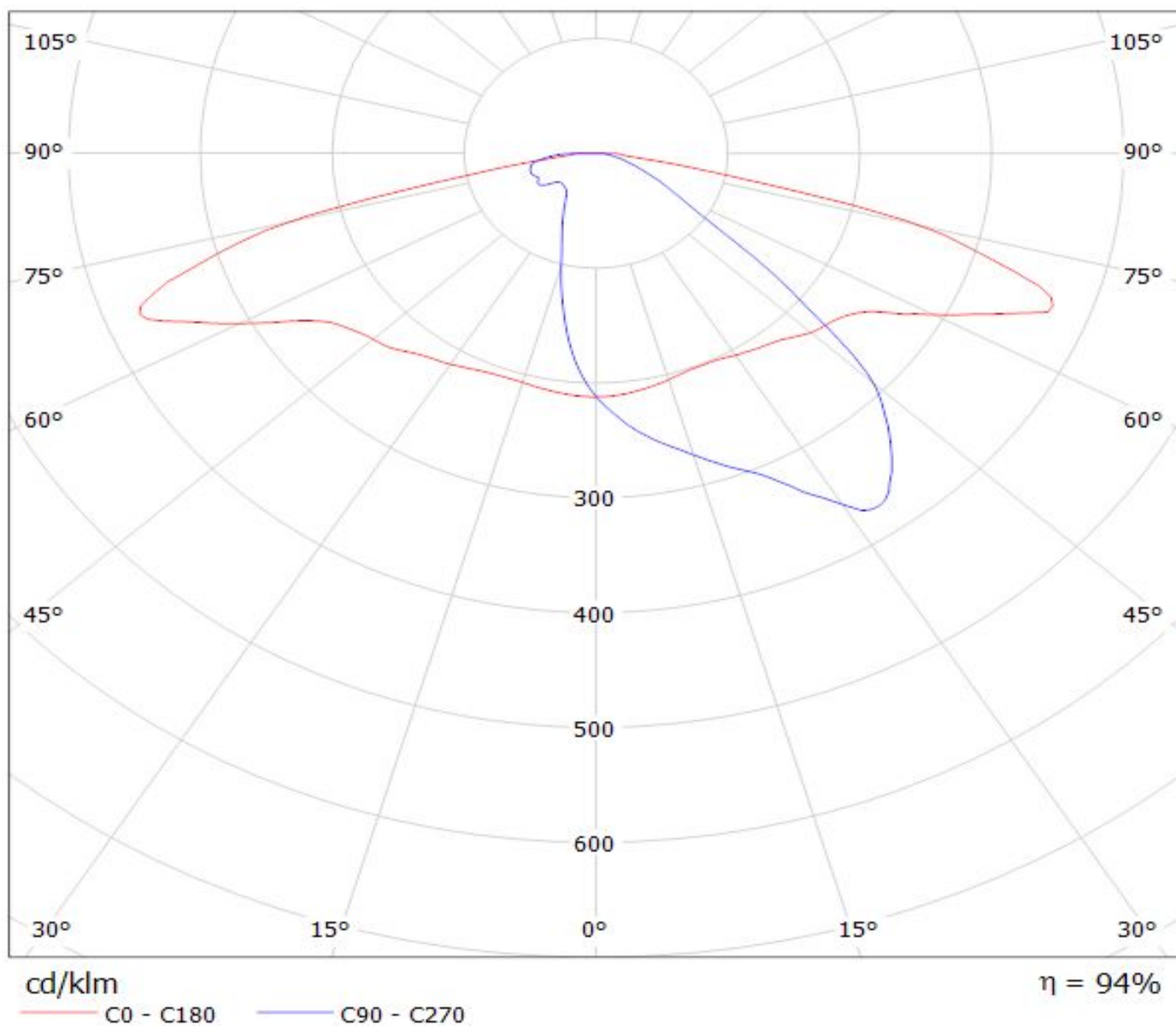
$\eta = 94\%$



# LEDiL Oy C13299\_STRADA-2X2-ME\_(N383) Eff.94.0% / LDC (Polar)

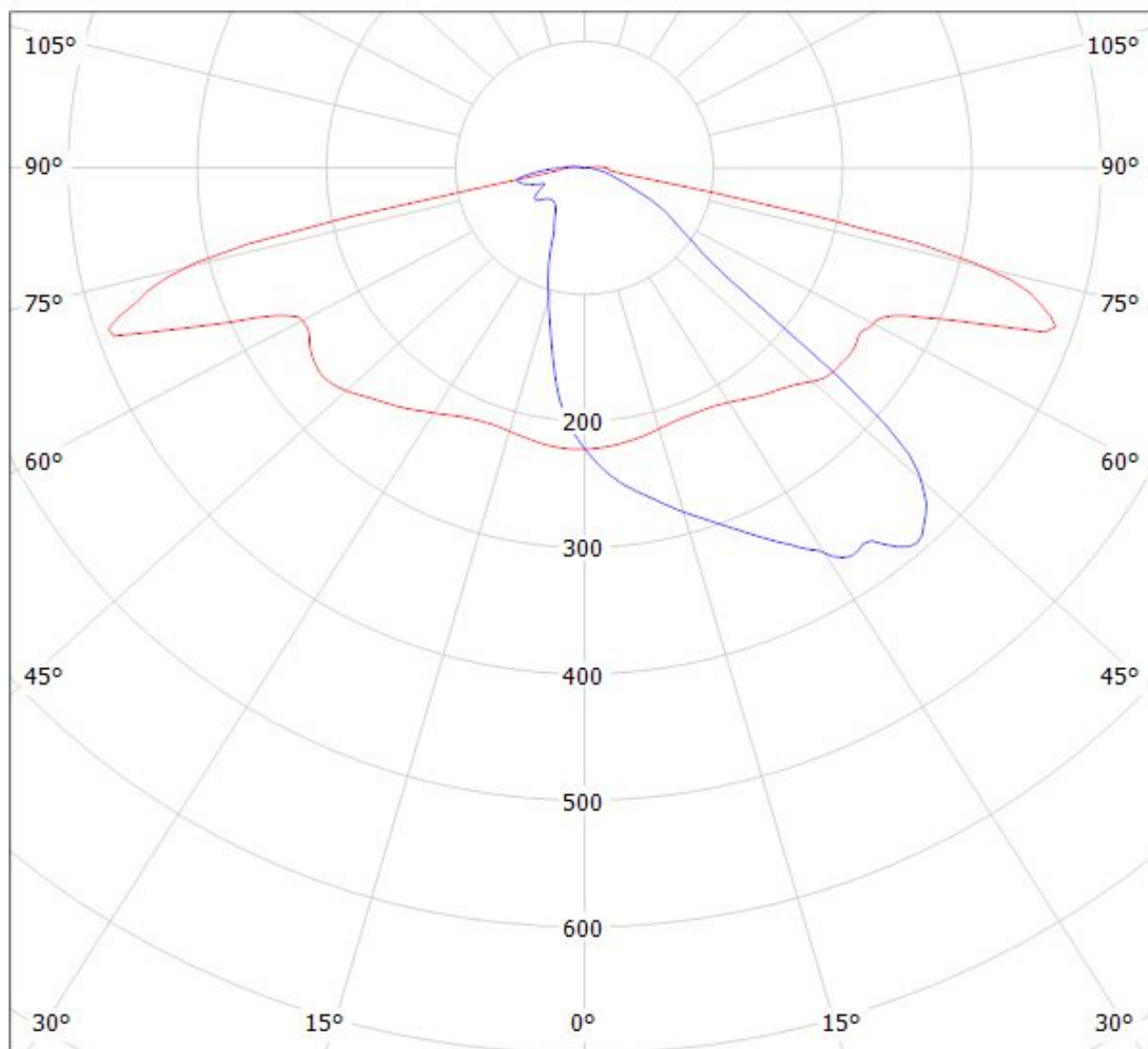
Luminaire: LEDiL Oy C13299\_STRADA-2X2-ME\_(N383) Eff.94.0%

Lamps: 1 x NICHIA\_N383\_2x2\_(NS9W383T)\_376.958lm@250mA\_P=2.88194W\_I=249.9mA



Luminaire: LEDiL Oy C13299\_STRADA-2x2-ME\_(NVSxx19B)

Lamps: 1 x Nichia\_NVsxx19B\_2x2\_(NVSL219BE)\_310.219lm@250mA\_CCT=3071K\_P=2.87735W\_I=249.9mA



cd/klm

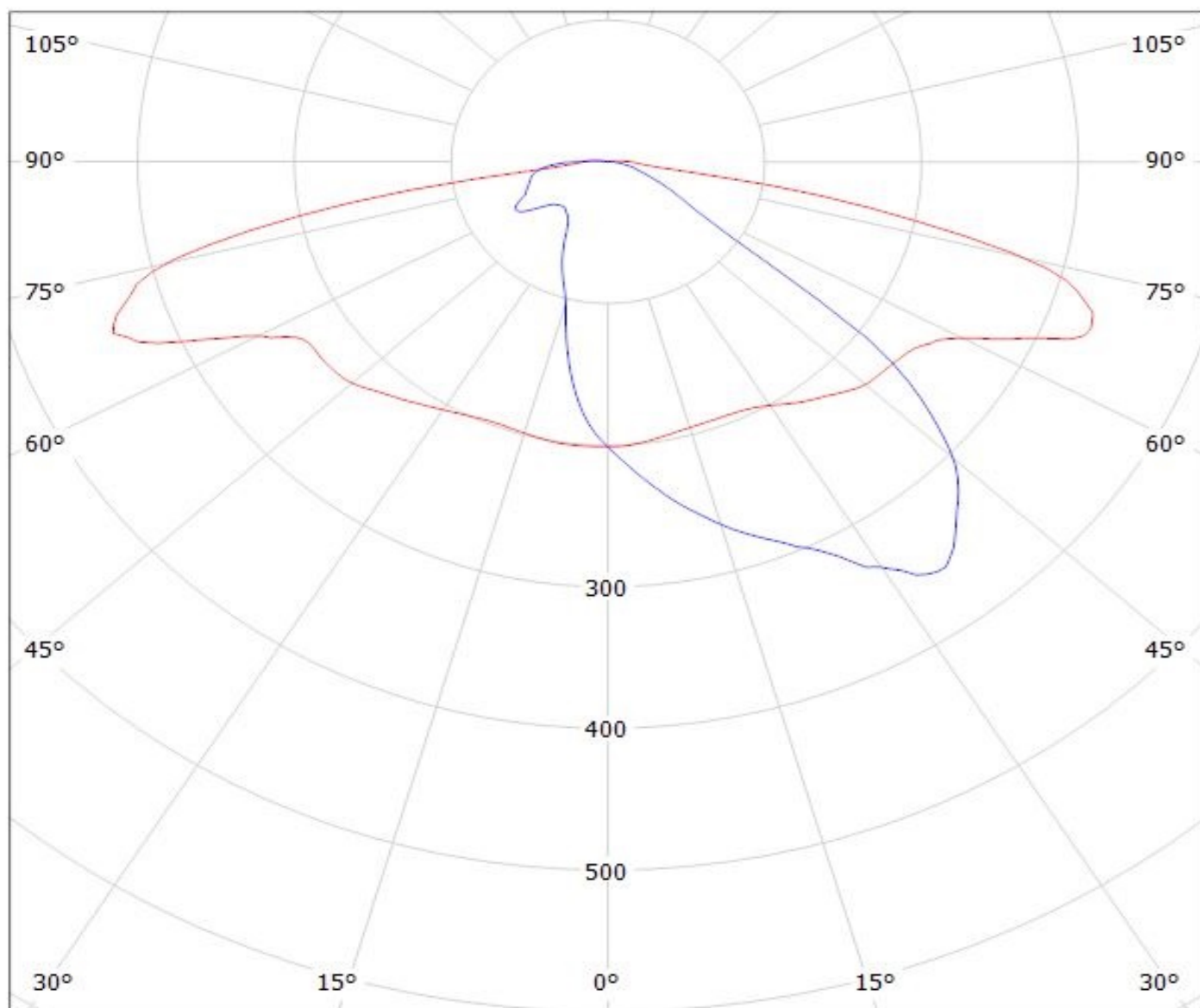
— C0 - C180

— C90 - C270

$\eta = 96\%$

Luminaire: LEDiL Oy C13299\_STRADA-2X2-ME\_(NWSL229AE)

Lamps: 1 x Nichia\_2X2\_NWSL229AE\_476.548lm@250mA\_P=2.7515W\_I=0.250A

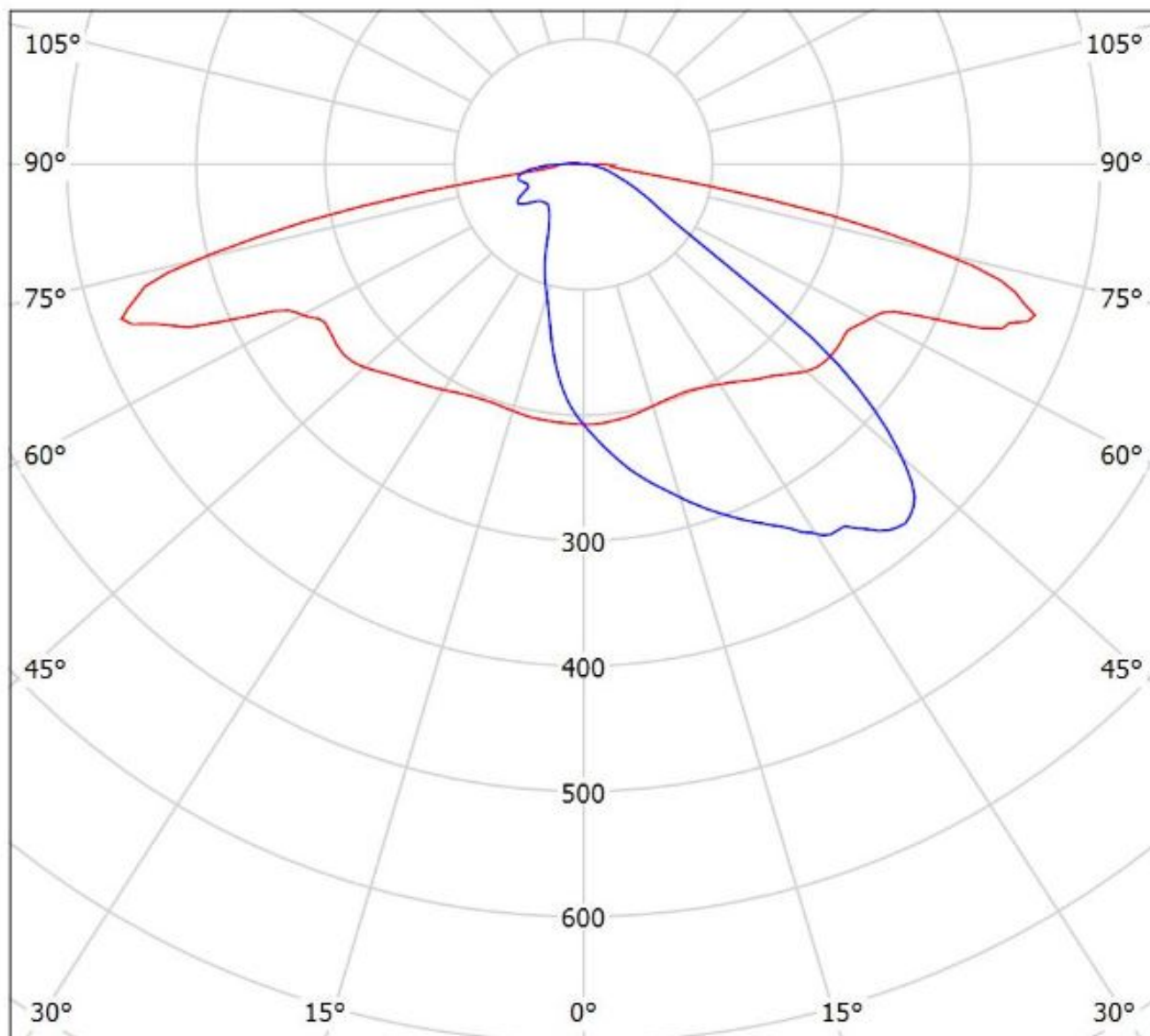


cd/klm

— C0 - C180    — C90 - C270

$\eta = 94\%$

Luminaire: Ledil C13299\_STRADA-2X2-ME\_(NVSW319AE)  
Lamps: 1 x Nichia\_NVSW319AE\_(sm405D440f2L2R70)



cd/klm

— C0 - C180 — C90 - C270

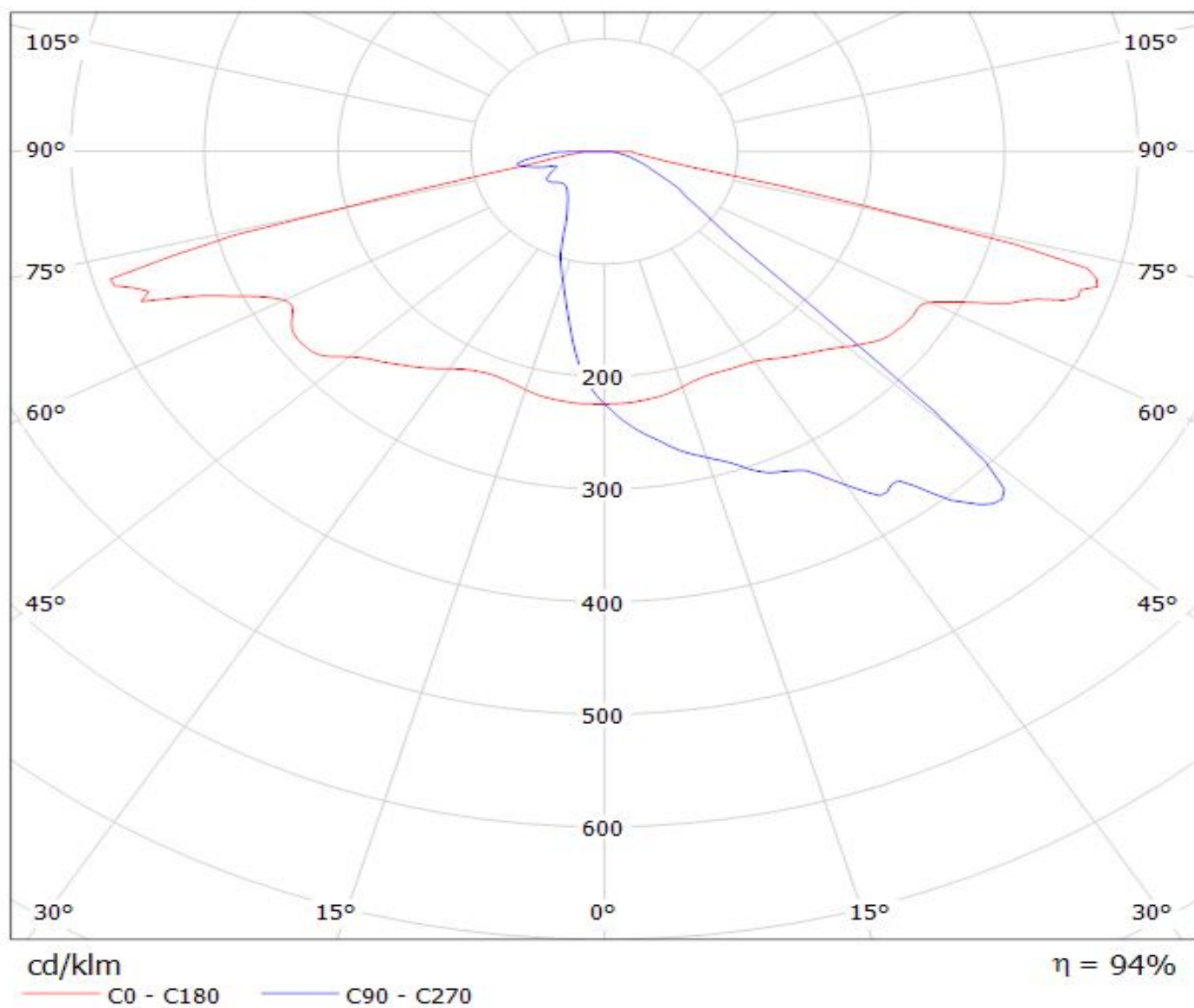
$\eta = 97\%$

# LEDiL Oy C13299\_STRADA-2X2-ME\_(SQ-PC) Eff.94.0% / LDC (Polar)

Luminaire: LEDiL Oy C13299\_STRADA-2X2-ME\_(SQ-PC) Eff.94.0%

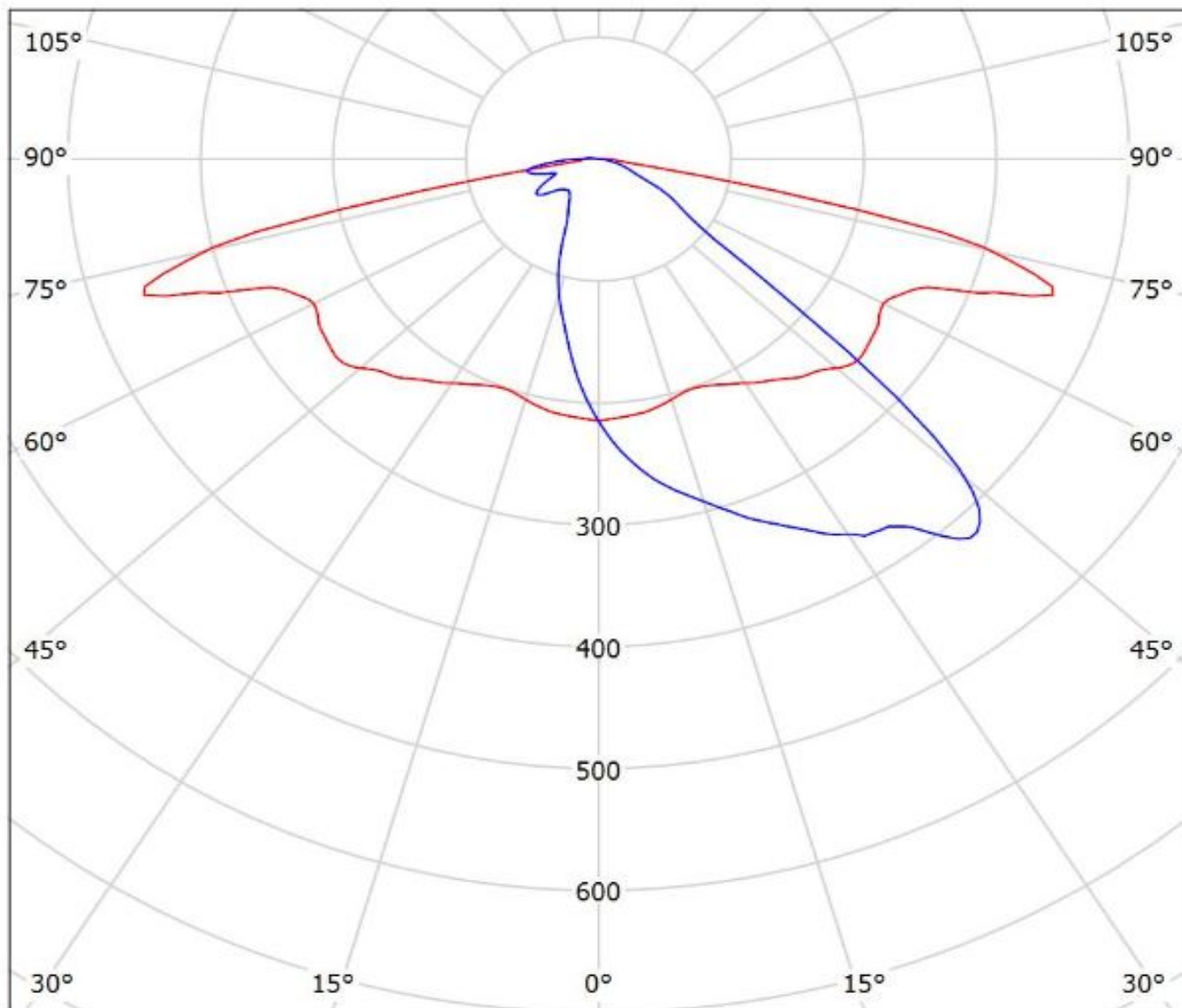
Lamps: 1 x SQ-PC\_2x2\_(LCW-CQAR.PC-MSMU-5H71-1)\_400.75lm@250mA\_CCT=?

K\_P=2.96681W\_I=249.9mA



Luminaire: LEDiL Oy C13299\_STRADA-2X2-ME\_(Square\_Gen3)

Lamps: 1 x Osram\_Square\_Gen3\_GW\_CSSRM2.PM\_451.664lm@250mA\_P=2.787\_I=250mA

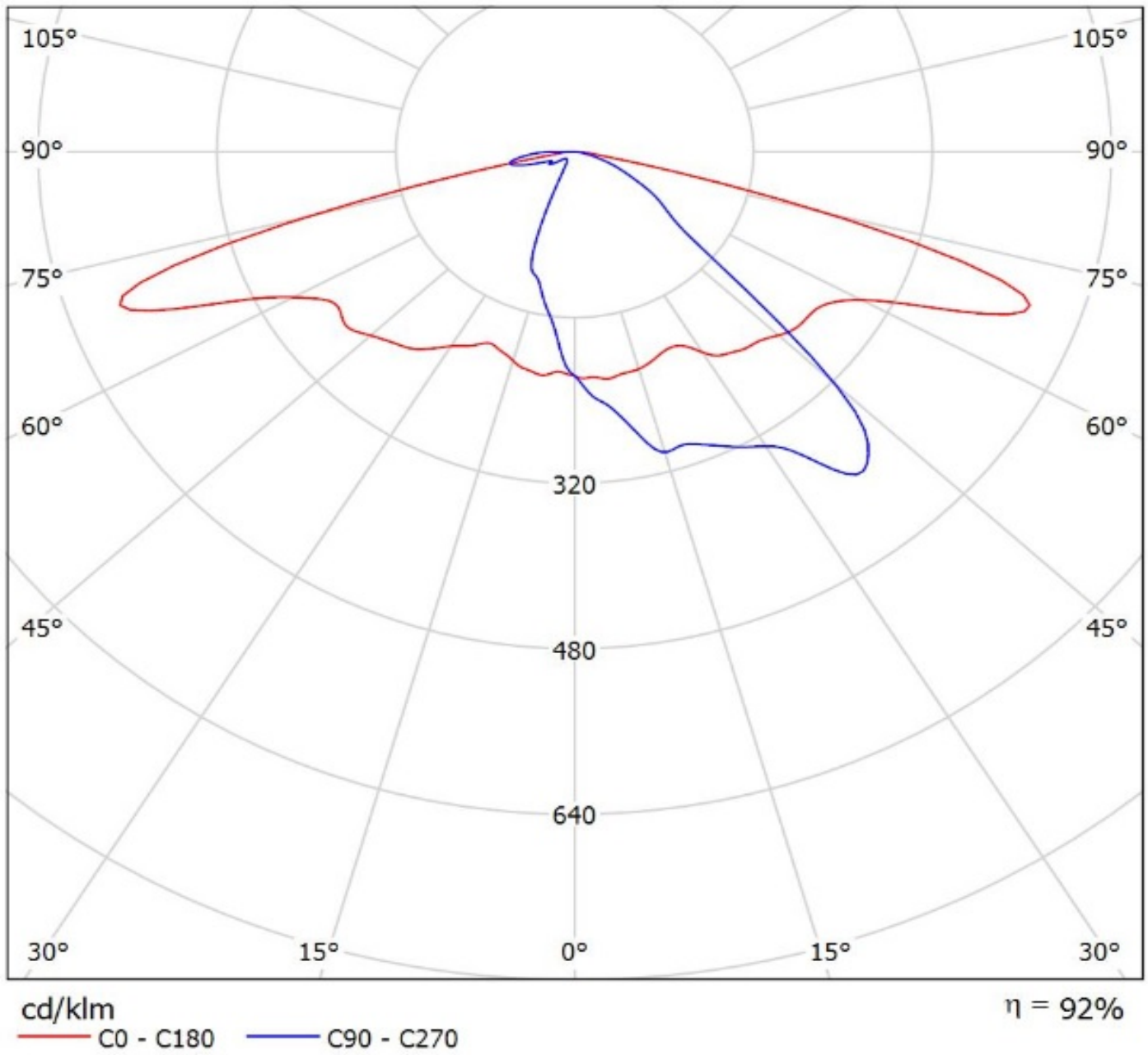


cd/klm

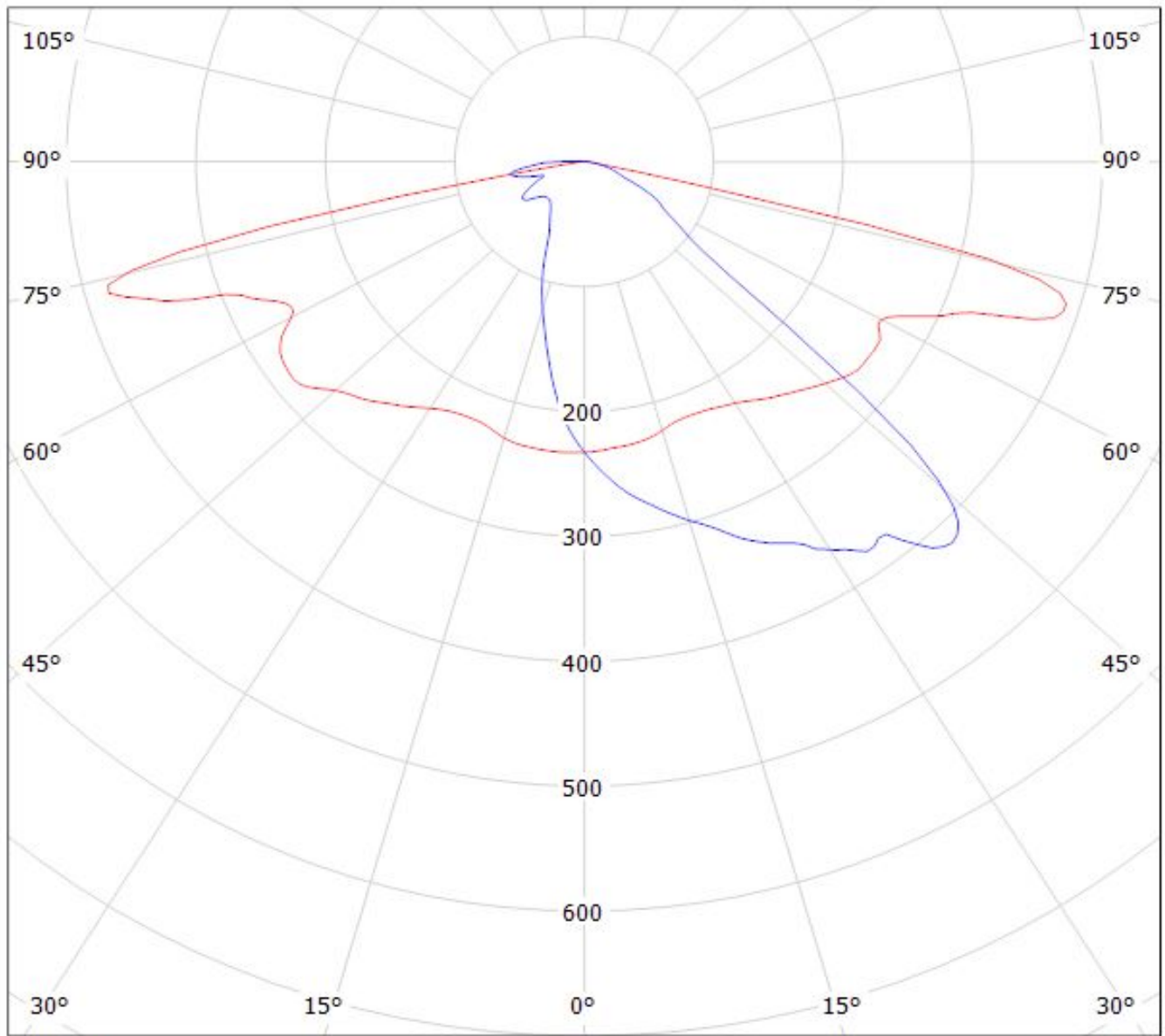
— C0 - C180 — C90 - C270

$\eta = 93\%$

Luminaire: Ledil Oy C13299\_STRADA-2X2-ME\_(Duris\_P8)\_SIMULATED  
Lamps: 1 x Osram Duris P8



Luminaire: LEDiL Oy C13299\_STRADA-2X2-ME\_(Fortimo\_F-Flex\_2x8\_740DAG3)  
Lamps: 1 x Philips\_Fortimo\_F-Flex\_2x8\_740DAG3\_1786.86lm@250mA\_P=11.6092W\_I=0.2498A



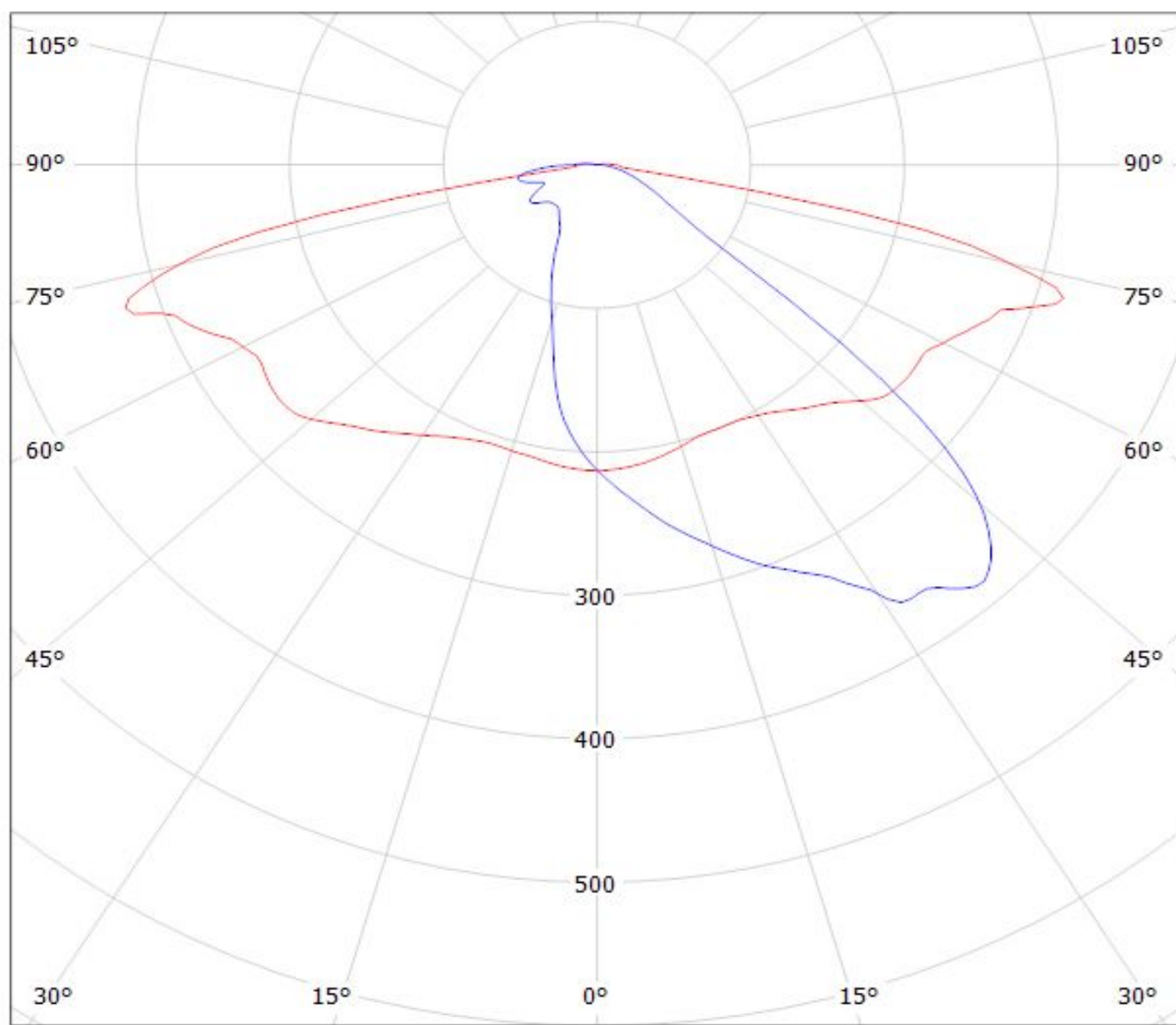
$\eta = 96\%$

cd/klm  
— C0 - C180    — C90 - C270



Luminaire: LEDiL Oy C13299\_STRADA-2X2-ME\_(LH351B)

Lamps: 1 x SAMSUNG\_LH351B\_2x2\_442.45lm@250mA\_P=2.84311W\_I=249.9mA



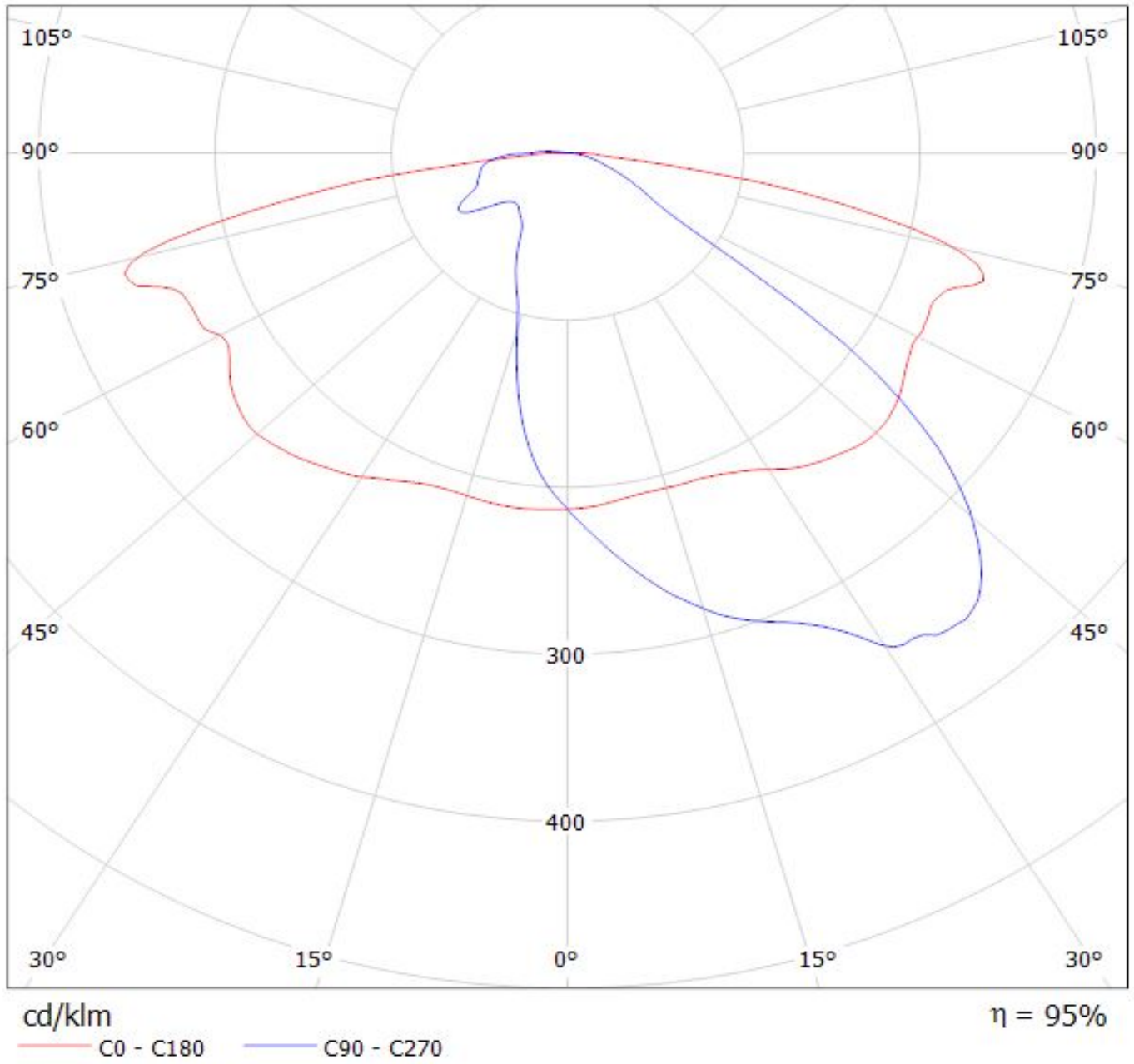
cd/klm

— C0 - C180

— C90 - C270

$\eta = 94\%$

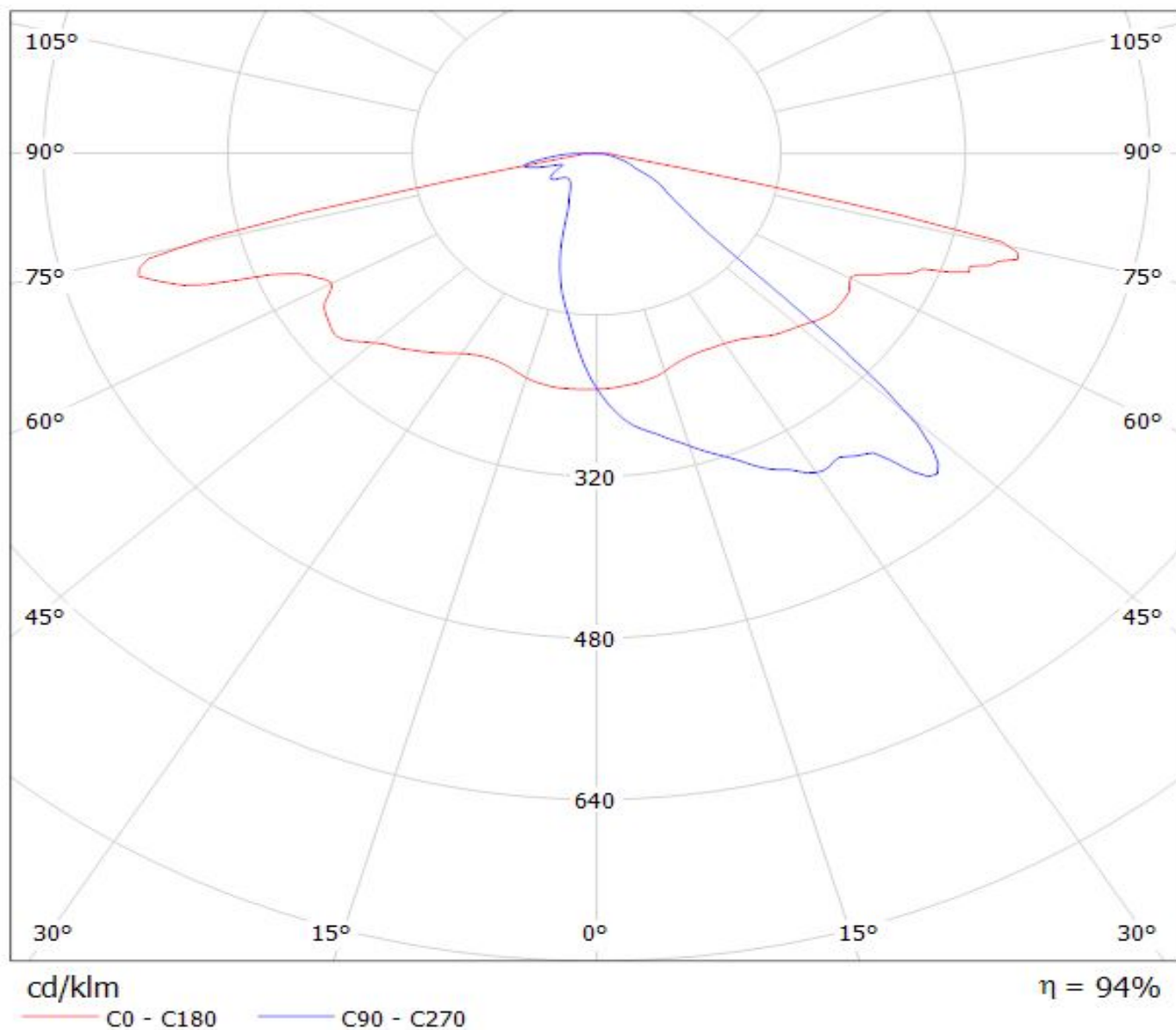
Luminaire: LEDiL Oy C13299\_STRADA-2X2-ME\_(LH351D)  
Lamps: 1 x Samsung\_LH351D\_524.264lm@250mA\_P=2.7523W\_I=0.250A



# LEDiL Oy C13299\_STRADA-2X2-ME\_(Z5P) Eff.94.0% / LDC (Polar)

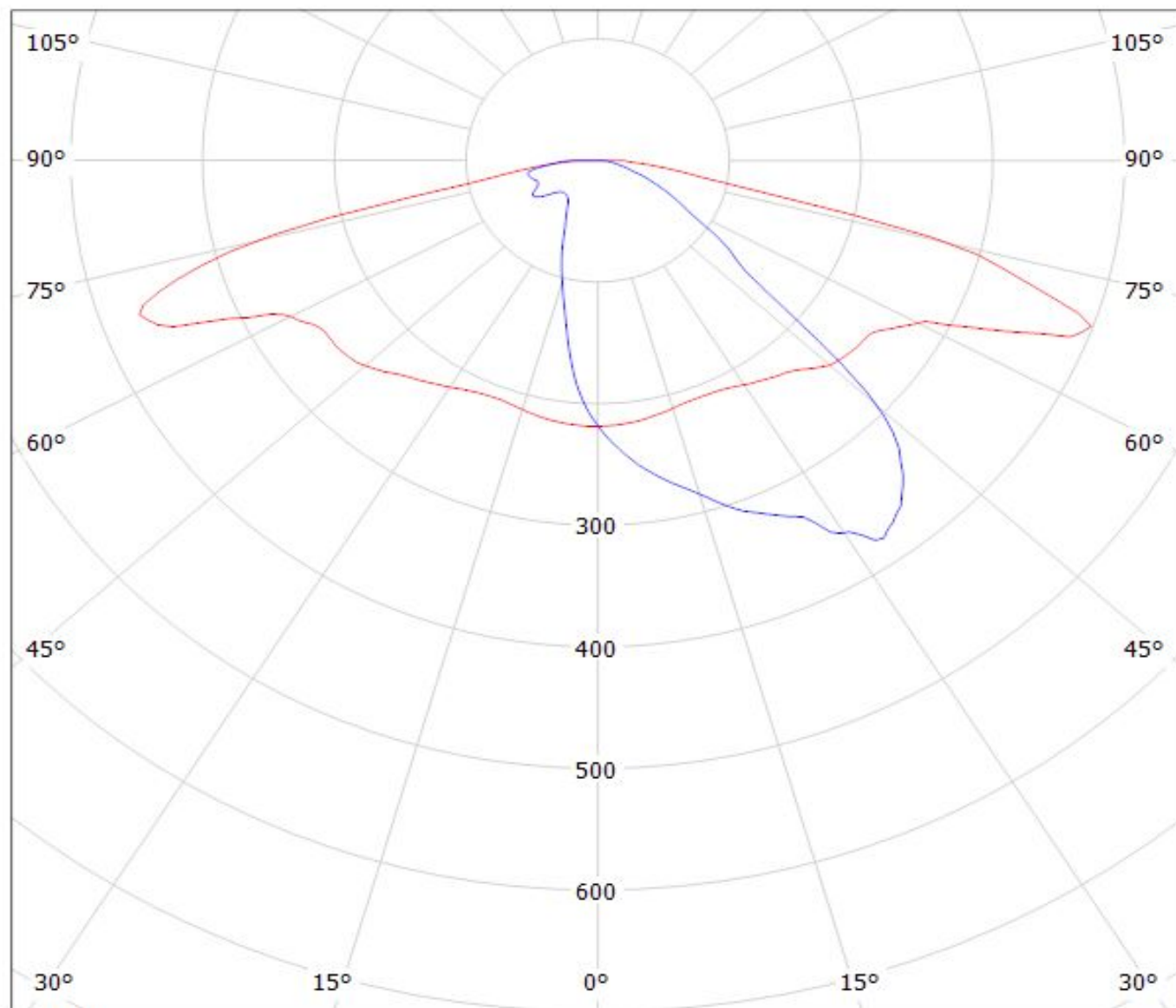
Luminaire: LEDiL Oy C13299\_STRADA-2X2-ME\_(Z5P) Eff.94.0%

Lamps: 1 x Seoul\_Z5P\_2x2\_290.05lm@250mA\_P=3.6208W\_I=249.9mA



Luminaire: LEDiL Oy C13299\_STRADA-2x2-ME\_(MJT4040) Eff. 94%

Lamps: 1 x SEOUL ACHRICH MJT4040 (SAW09H0A) 255lm@40mA P=2.37W I=40mA



cd/klm

— C0 - C180

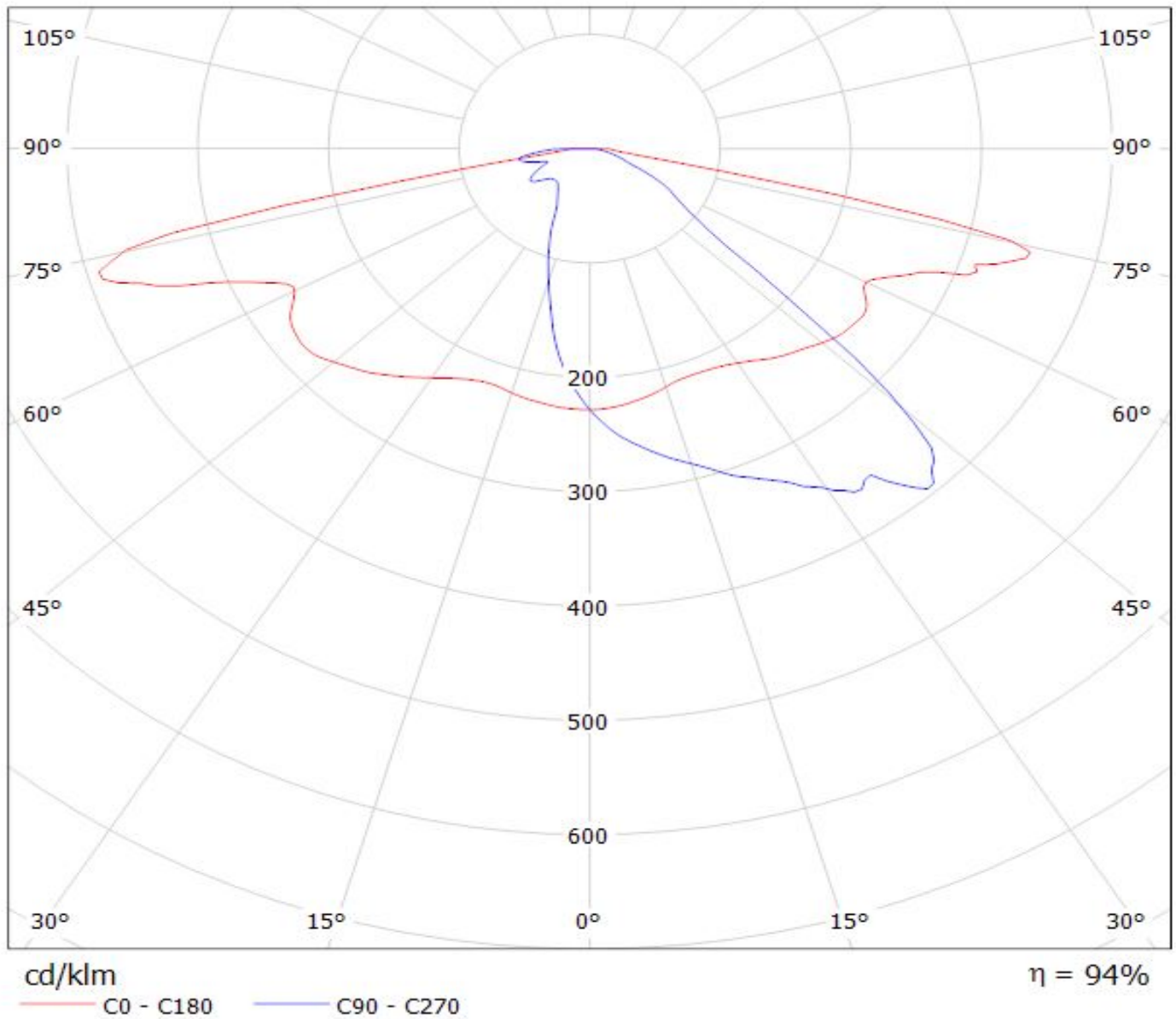
— C90 - C270

$\eta = 95\%$

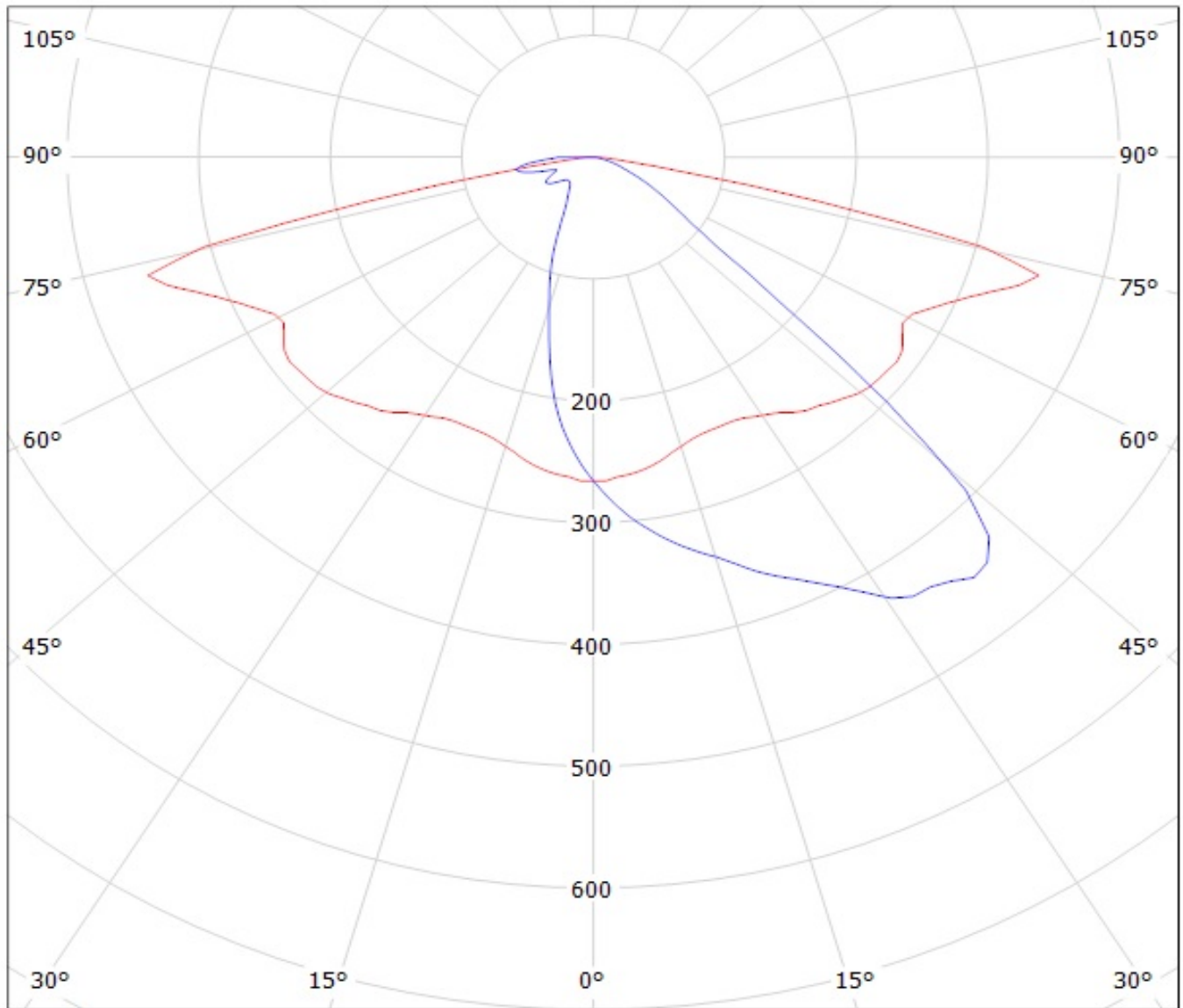
# LEDiL Oy C13299\_STRADA-2X2-ME\_(Z5M) Eff.94.0% / LDC (Polar)

Luminaire: LEDiL Oy C13299\_STRADA-2X2-ME\_(Z5M) Eff.94.0%

Lamps: 1 x SEOUL\_Z5M\_(SZ5-M0-W0-00)\_364.5lm@250mA\_P=2.95788W\_I=249.8mA



Luminaire: LEDil Oy C13299\_STRADA-2X2-ME\_(Z5M1) Efficiency=94%  
Lamps: 1 x Seoul Z5M1 (SZ5-M1-WN-C8) 379lm @ 250mA CCT=4600K P=2.9W I=250mA

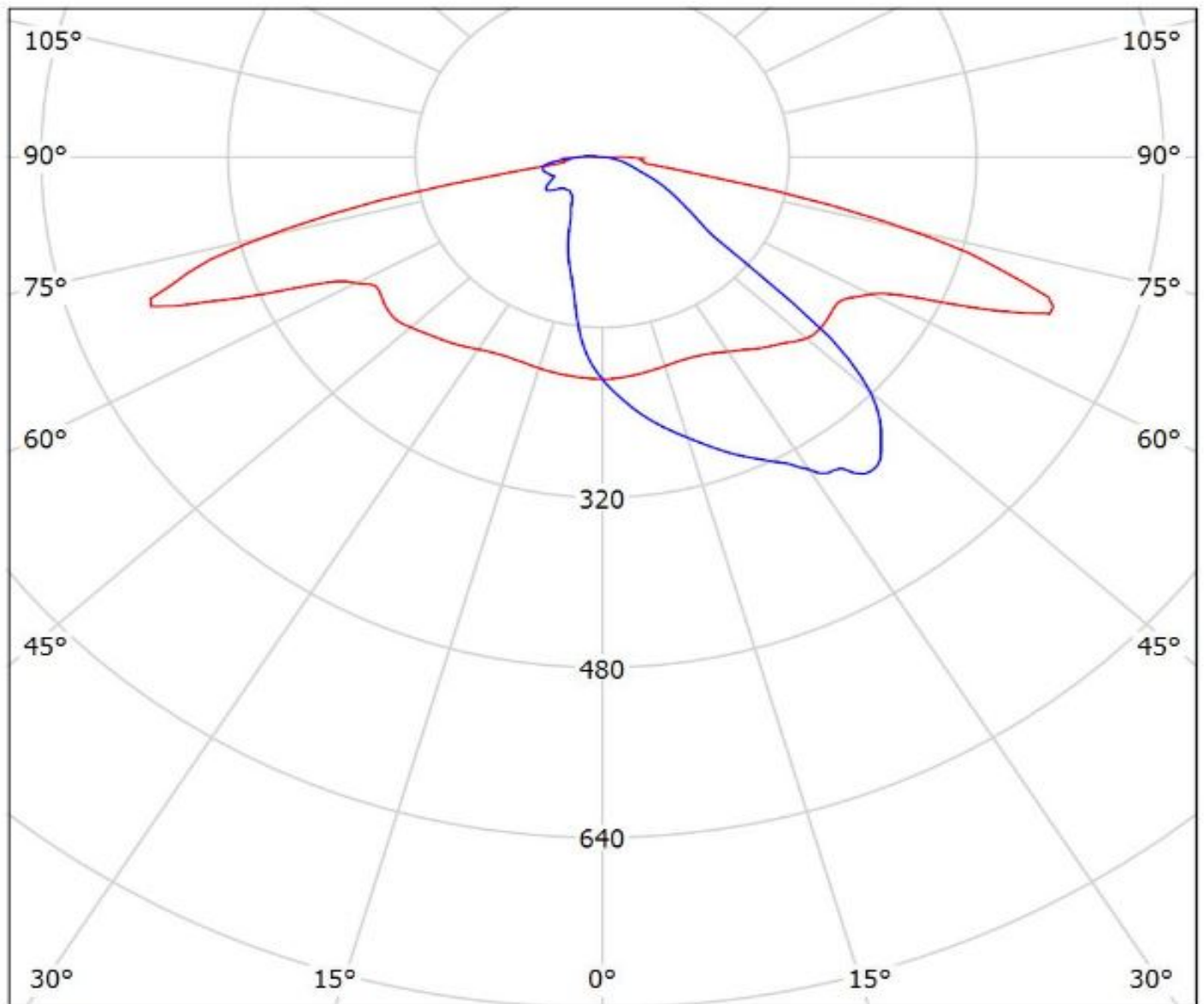


cd/klm

— C0 - C180    — C90 - C270

Luminaire: Ledil C13299\_STRADA-2X2-ME\_(Z8Y22plus)

Lamps: 1 x Seoul\_Z8Y22plus\_(W6E2G)\_513.996lm@250mA\_P=2.754W\_I=0.250A



cd/klm

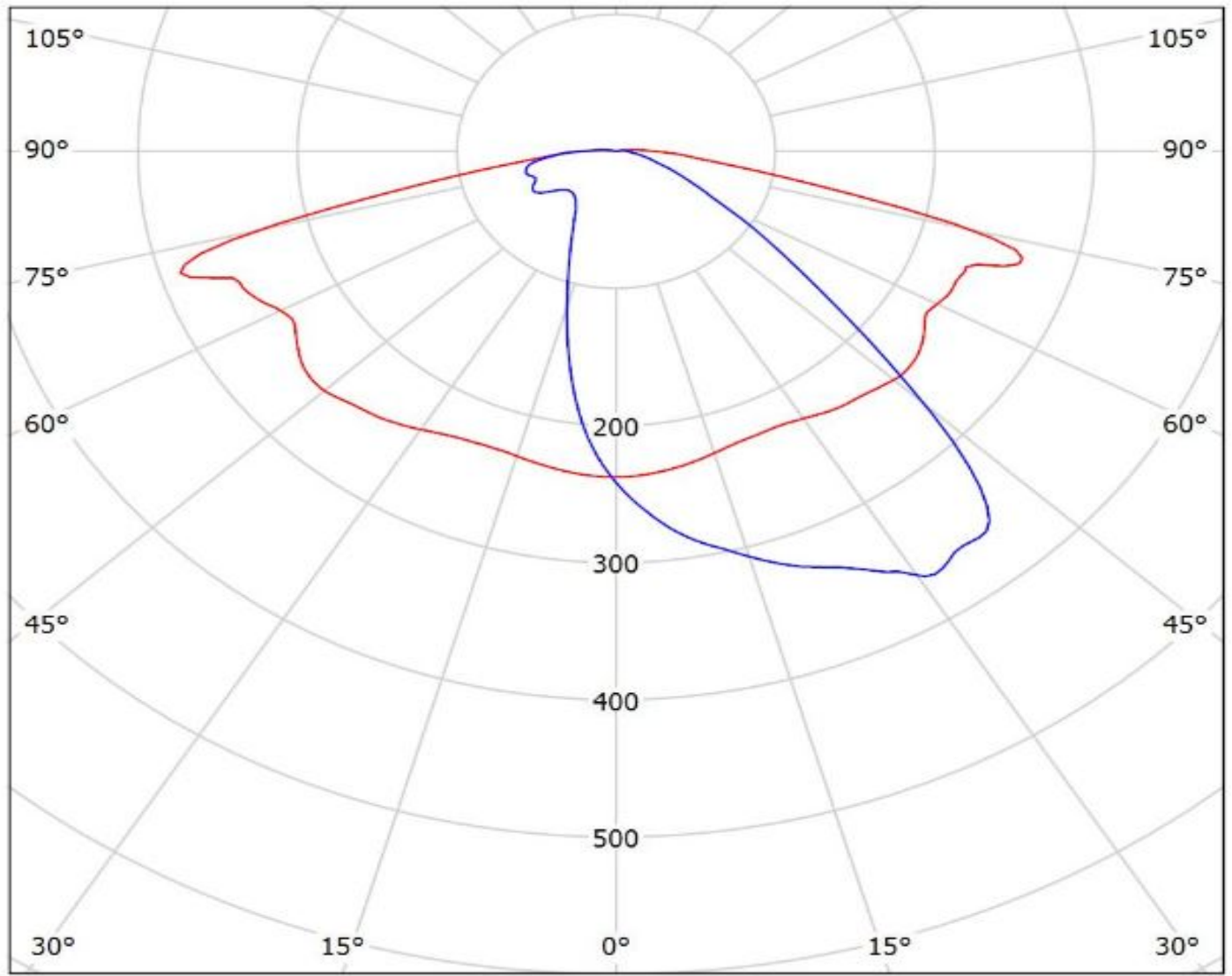
— C0 - C180 — C90 - C270

$\eta = 97\%$

# Ledil C13299\_STRADA-2X2-ME\_(TL1L3) / LDC (Polar)

Luminaire: Ledil C13299\_STRADA-2X2-ME\_(TL1L3)

Lamps: 1 x Toshiba\_TL1L3\_2x2\_(TL1L3-NW1.L)\_387.773lm@250mA\_CCT=5000K\_P=2.829W\_I=0.25A



cd/klm

— C0 - C180

— C90 - C270

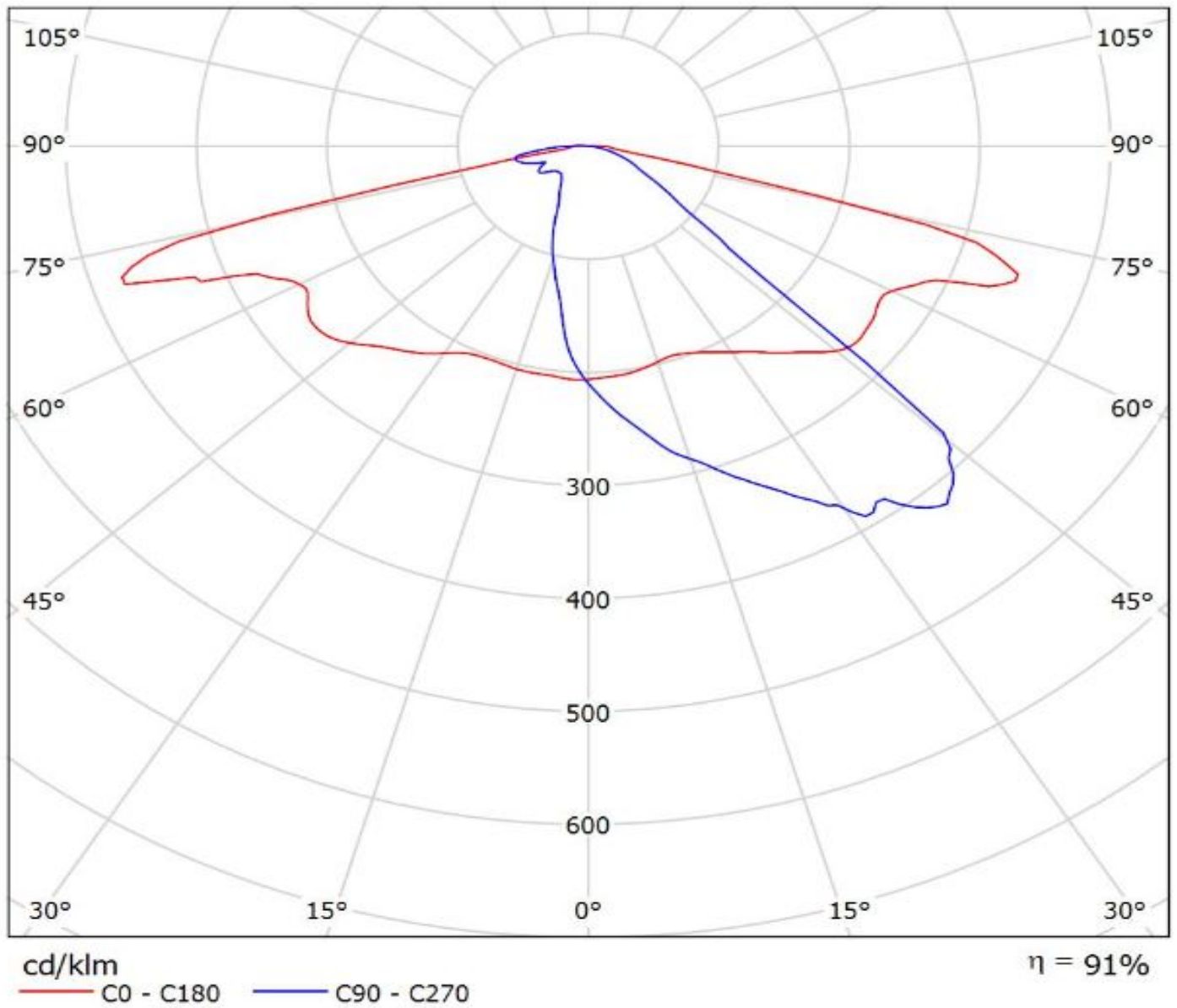
$\eta = 96\%$



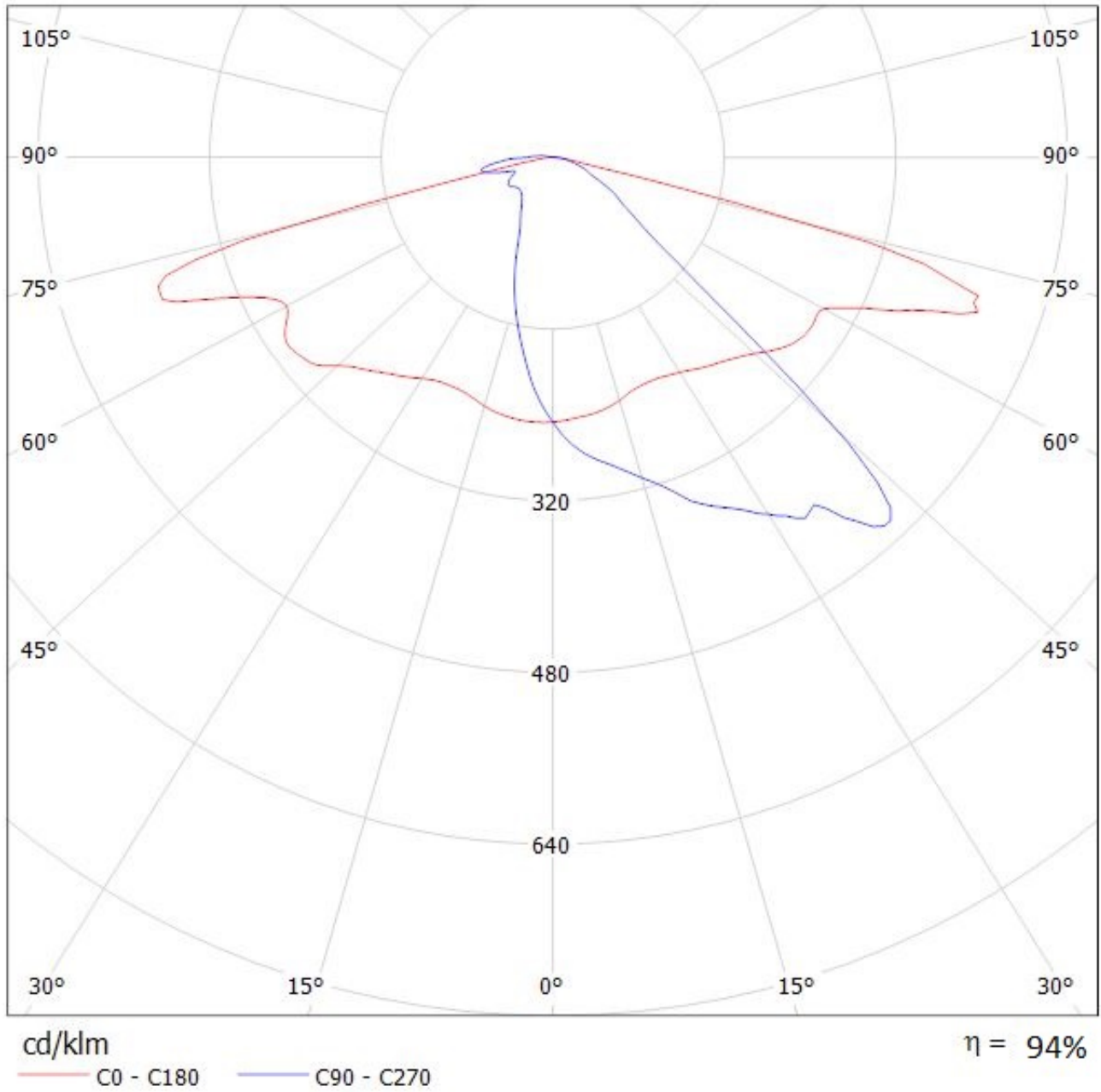
# Ledil C13299\_STRADA-2X2-ME\_(TL1L4) / LDC (Polar)

Luminaire: Ledil C13299\_STRADA-2X2-ME\_(TL1L4)

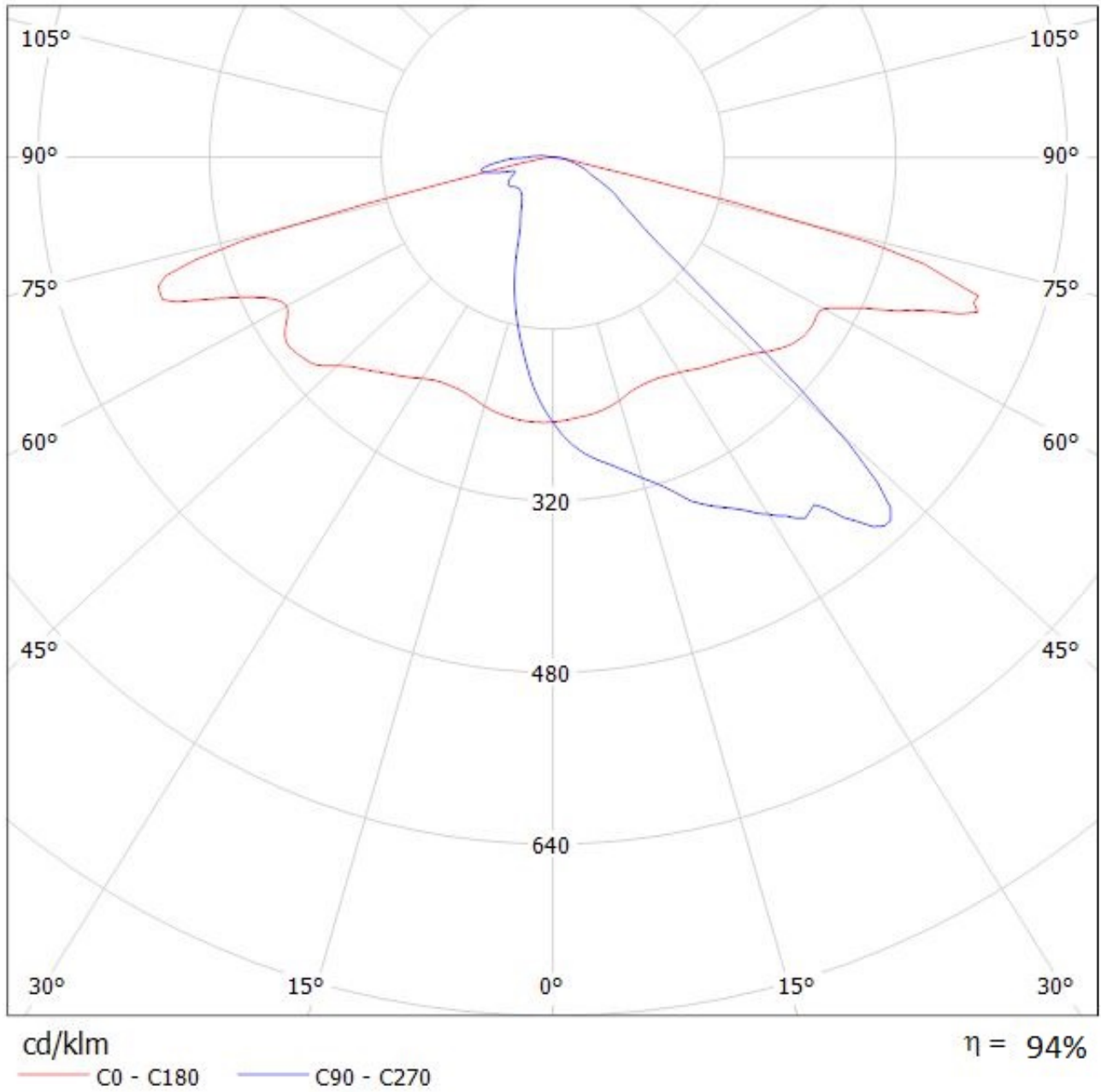
Lamps: 1 x Toshiba\_TL1L4\_2x2\_(TL1L4-DW0)\_472.639lm@250mA\_CCT=6500K\_P=2.9W\_I=0.25A



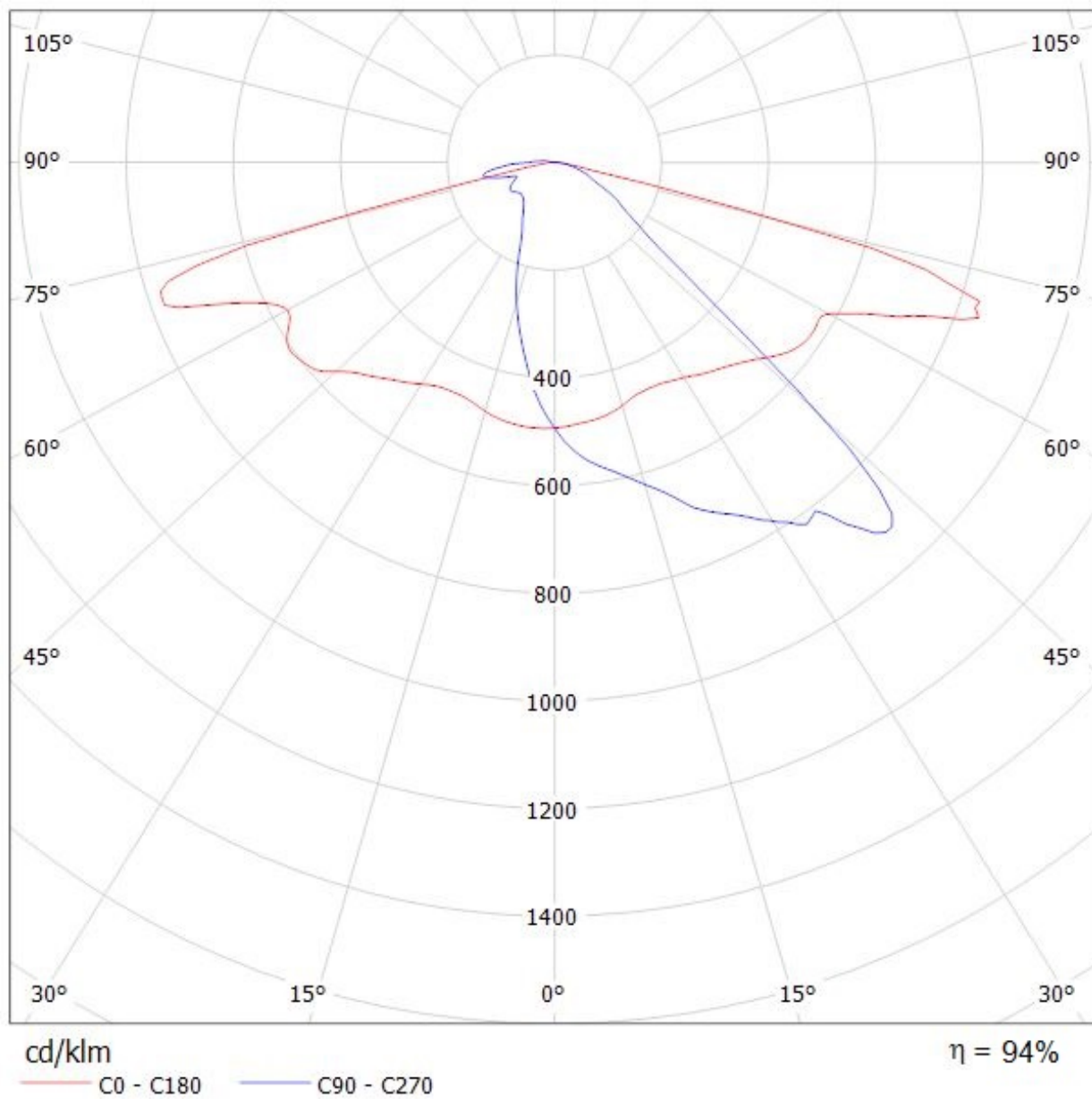
Luminaire: LEDiL Oy C13299\_STRADA-2X2-ME\_(Tridonic\_Module\_RLE\_G1)  
Lamps: 1 x Tridonic\_Module\_RLE\_G1\_4576.03lm@700mA\_P=32.0681W\_I=0.700A



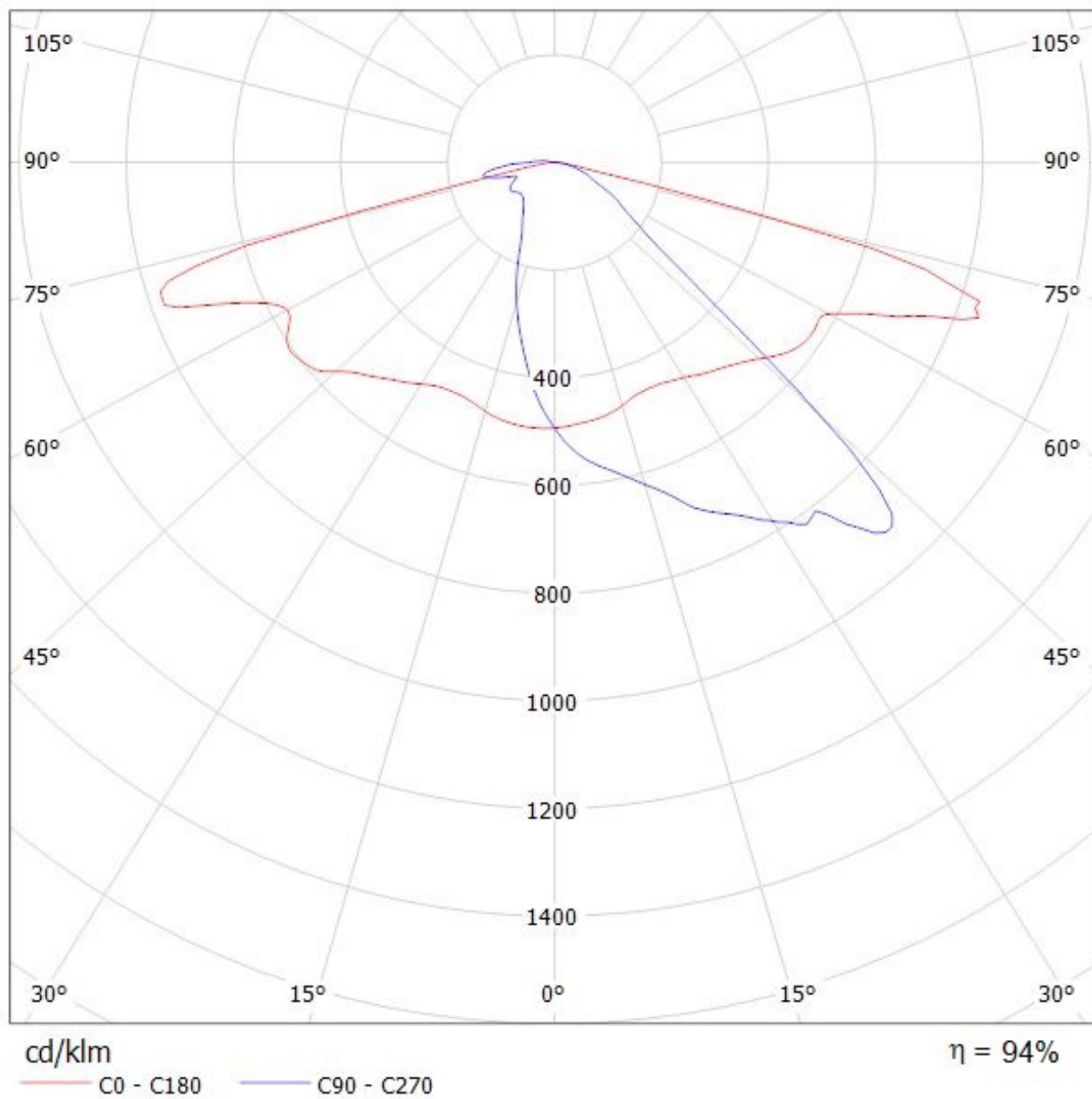
Luminaire: LEDiL Oy C13299\_STRADA-2X2-ME\_(Tridonic\_Module\_RLE\_G1)  
Lamps: 1 x Tridonic\_Module\_RLE\_G1\_4576.03lm@700mA\_P=32.0681W\_I=0.700A



Luminaire: LEDiL Oy C13299\_STRADA-2X2-ME\_(Tridonic\_Module\_RLE\_G1)  
Lamps: 1 x Tridonic\_Module\_RLE\_G1\_2288lm@700mA\_P=16W\_I=0.700A



Luminaire: LEDiL Oy C13299\_STRADA-2X2-ME\_(Tridonic\_Module\_RLE\_G1)  
Lamps: 1 x Tridonic\_Module\_RLE\_G1\_2288lm@700mA\_P=16W\_I=0.700A



**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.**