

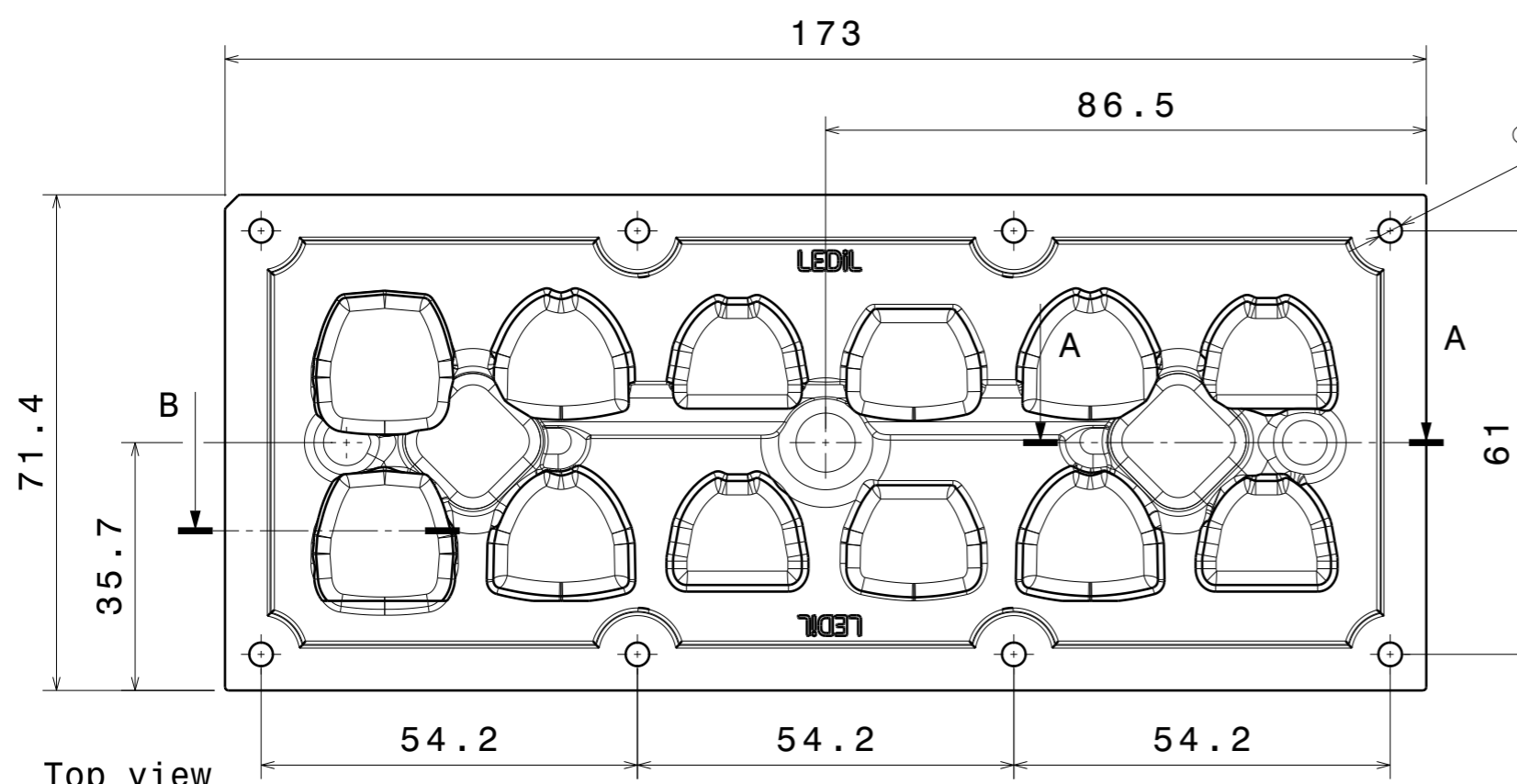
## DETAILS

<b>Product Number</b>	CS14145_STRADA-IP-2X6-DWC-90
<b>Family</b>	Strada
<b>Type</b>	Assembly
<b>Color</b>	white
<b>Diameter</b>	71,4x173 mm
<b>Height</b>	8,98 mm
<b>Style</b>	rectang
<b>Optic Material</b>	PMMA
<b>Holder Material</b>	
<b>Fastening</b>	screw
<b>Status</b>	production ready
<b>ROHS Compliant</b>	Yes
<b>Date Updated</b>	12/12/2016



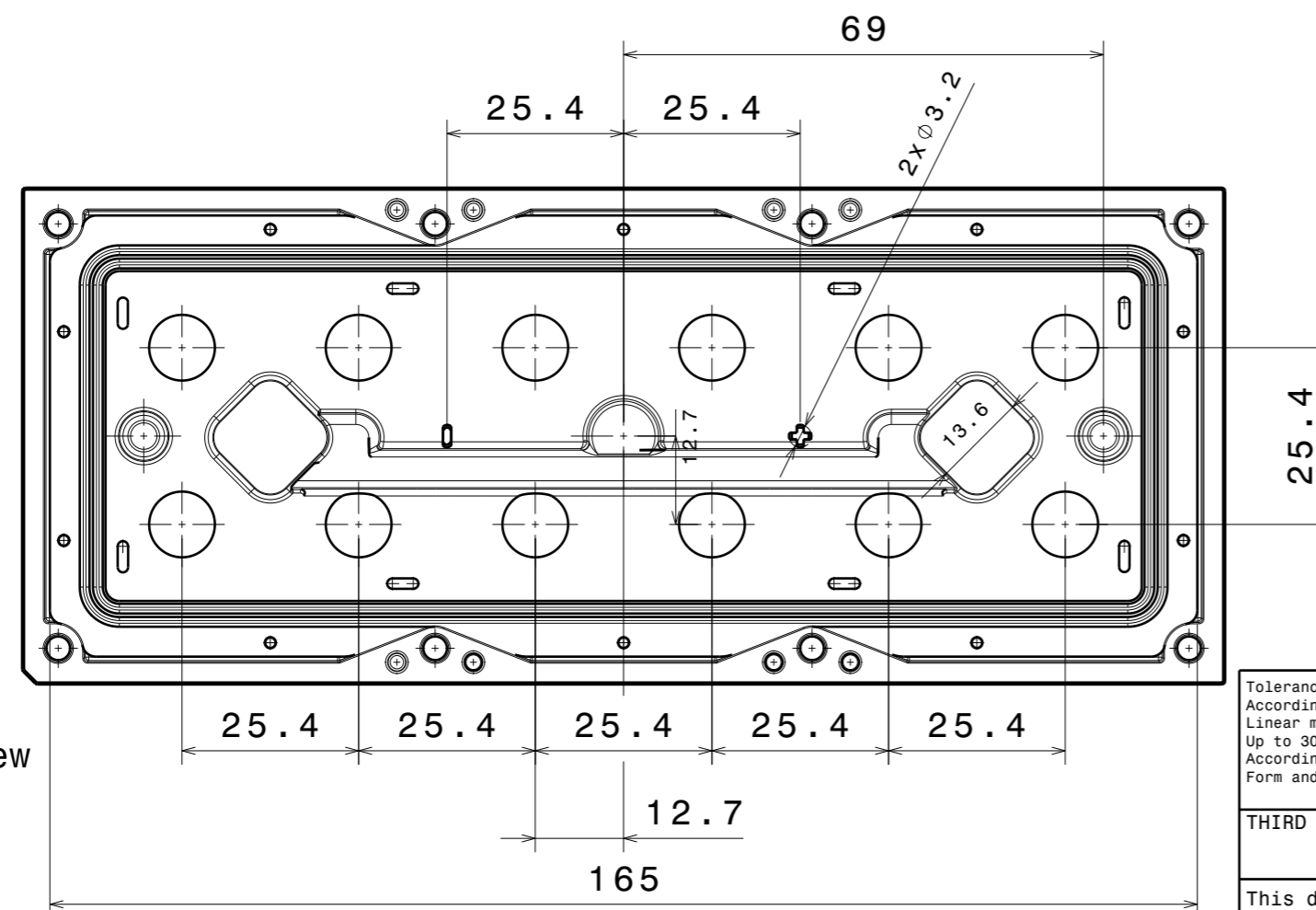
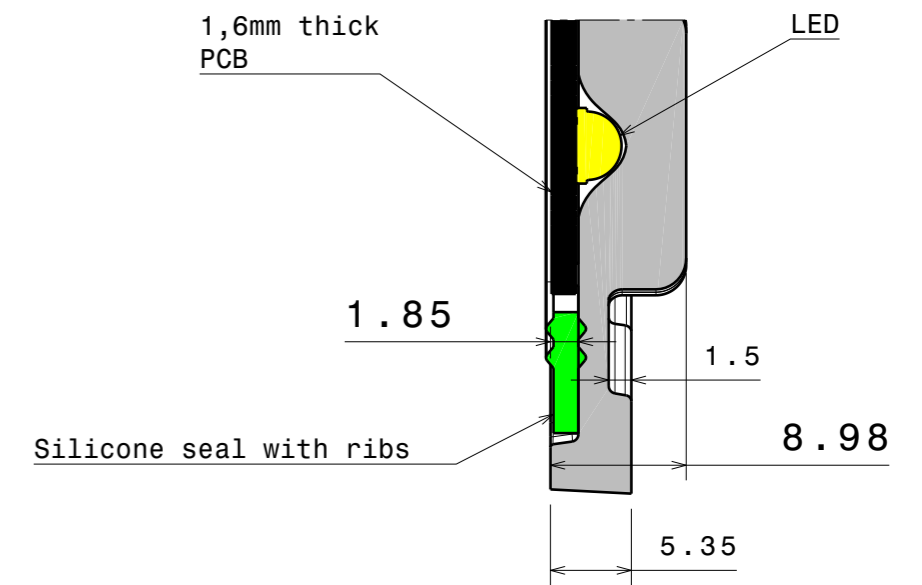
## OPTICAL PROPERTIES

LED	Viewing	Light	Effi-	cd/lm	Connector
	Angle	Beam	ciency		
XT-E	Asymmetric deg	Asymmetric	94 %	0.514	-
XP-G2	Asymmetric deg	Asymmetric	93 %	0.540	-
XP-G3	sim: Asymmetric	Asymmetric	sim: 88 %	sim: 0.430	-
LUXEON Rebel ES	Asymmetric deg	Asymmetric	93 %	0.510	-
LUXEON T	Asymmetric deg	Asymmetric	94 %	0.510	-
LUXEON TX	Asymmetric deg	Asymmetric	94 %	0.610	-
NVSxx19B/NVSxx19C	asymmetric deg	Asymmetric	94 %	0.530	-
Duris S8	sim: Asymmetric	Asymmetric	sim: 90 %	sim: 0.450	-
LH351Z	asymmetric deg	Asymmetric	94 %	0.550	-
Z5M1/Z5M2	sim: Asymmetric	Asymmetric	sim: 90 %	sim: 0.620	-
Z8Y22P	Asymmetric deg	Asymmetric	94 %	0.510	-
TL1L2	sim: Asymmetric	Asymmetric	sim: 88 %	-	-
TL1L4	Asymmetric deg	Asymmetric	91 %	0.540	-



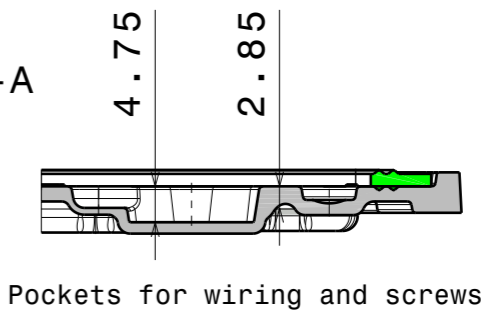
Top view

Section view B-B  
Scale: 2:1



Bottom view

Section view A-A



INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	C14017	STRADA-IP-2X6-DWC-90	PMMA	clear
2	C14018	2x6-SEAL25	Silicone	white

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

THIRD ANGLE PROJECTION:

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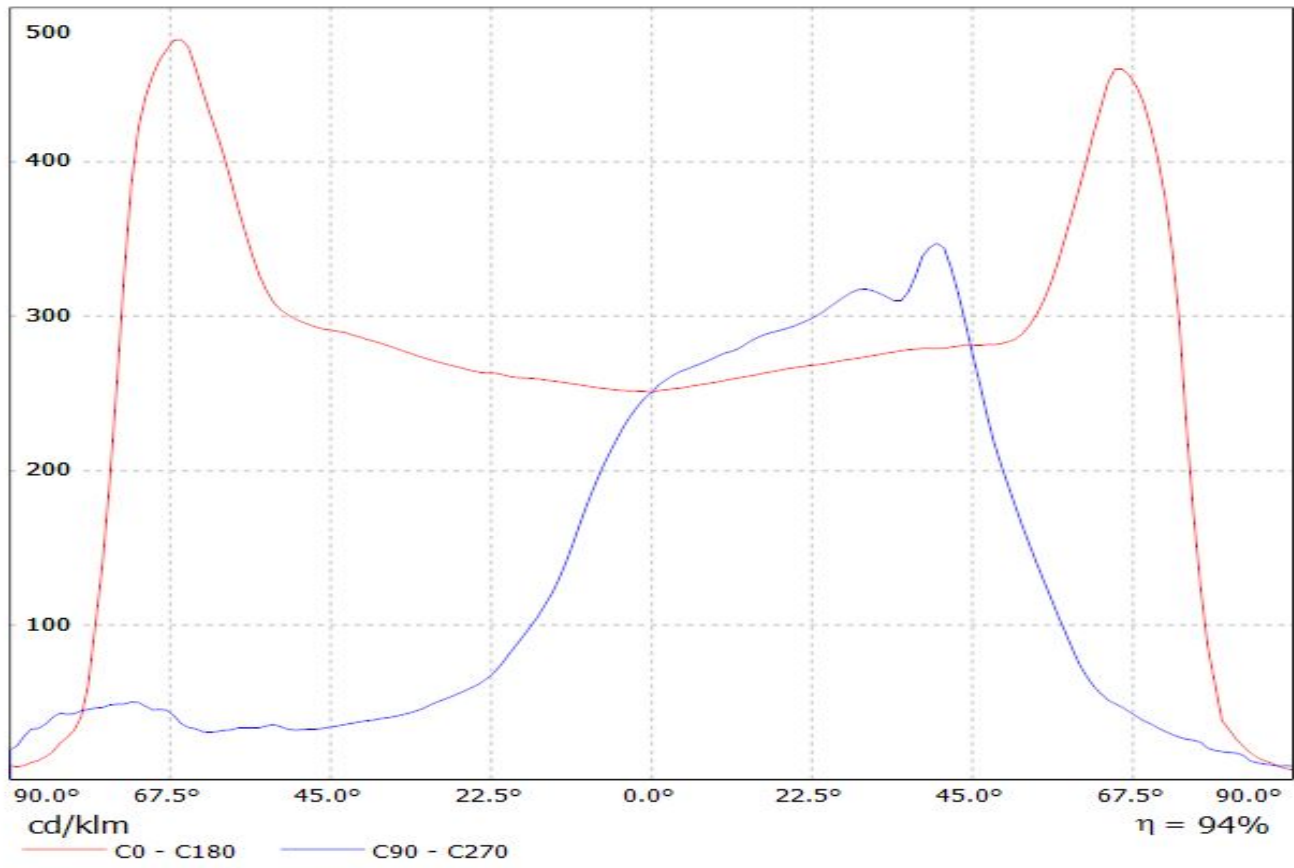
**LEDiL** LediL Oy  
Salorankatu 10  
FIN 24240 SALO  
Finland

**DRAWING TITLE**  
CS14145\_STRADA-IP-2X6-DWC-90

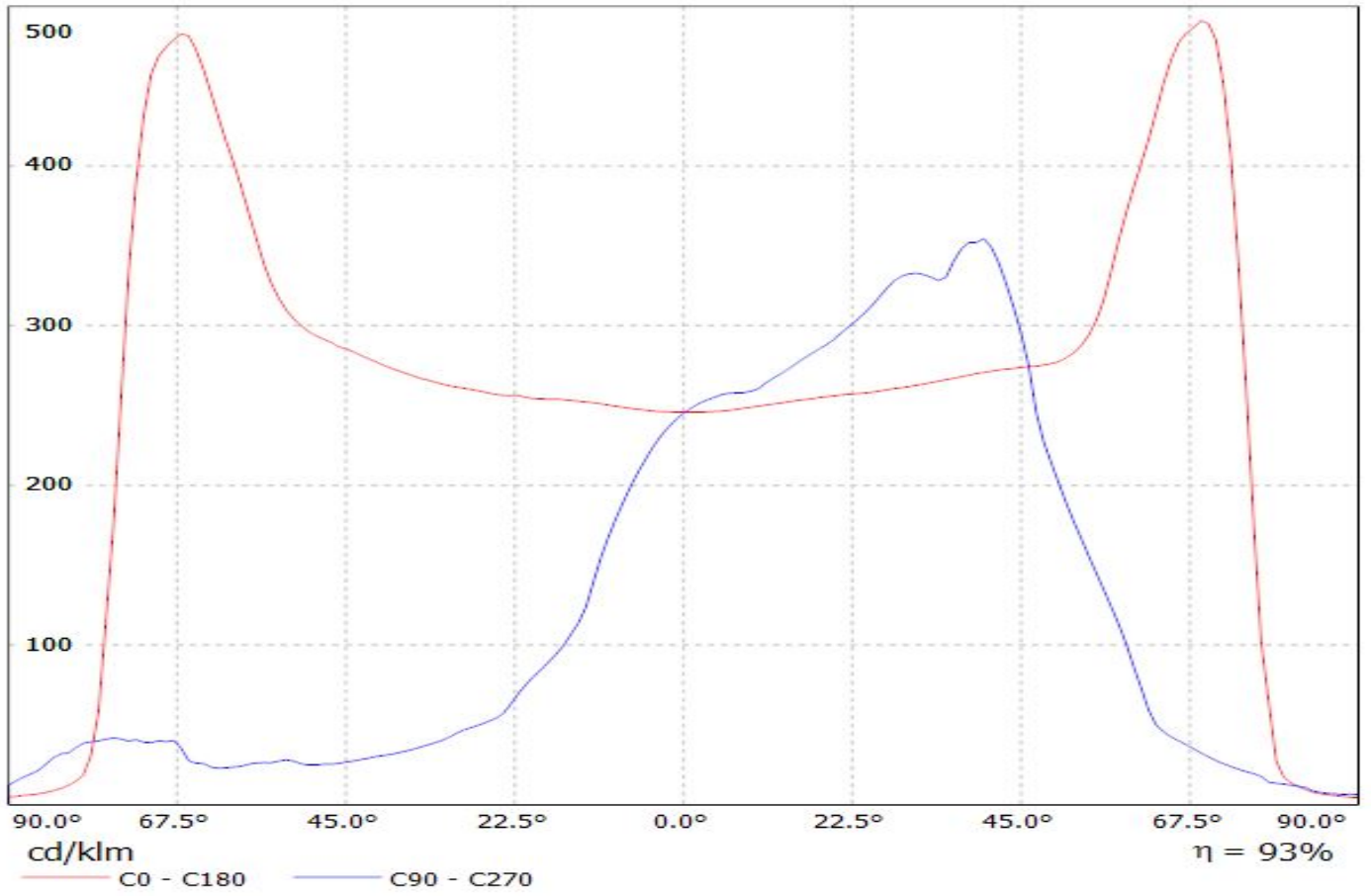
<b>SIZE</b>	<b>PART NUMBER</b>
A3	CS14145

<b>SCALE</b>	1:1	<b>WEIGHT</b>	52,2 g	<b>SHEET</b>	1/1
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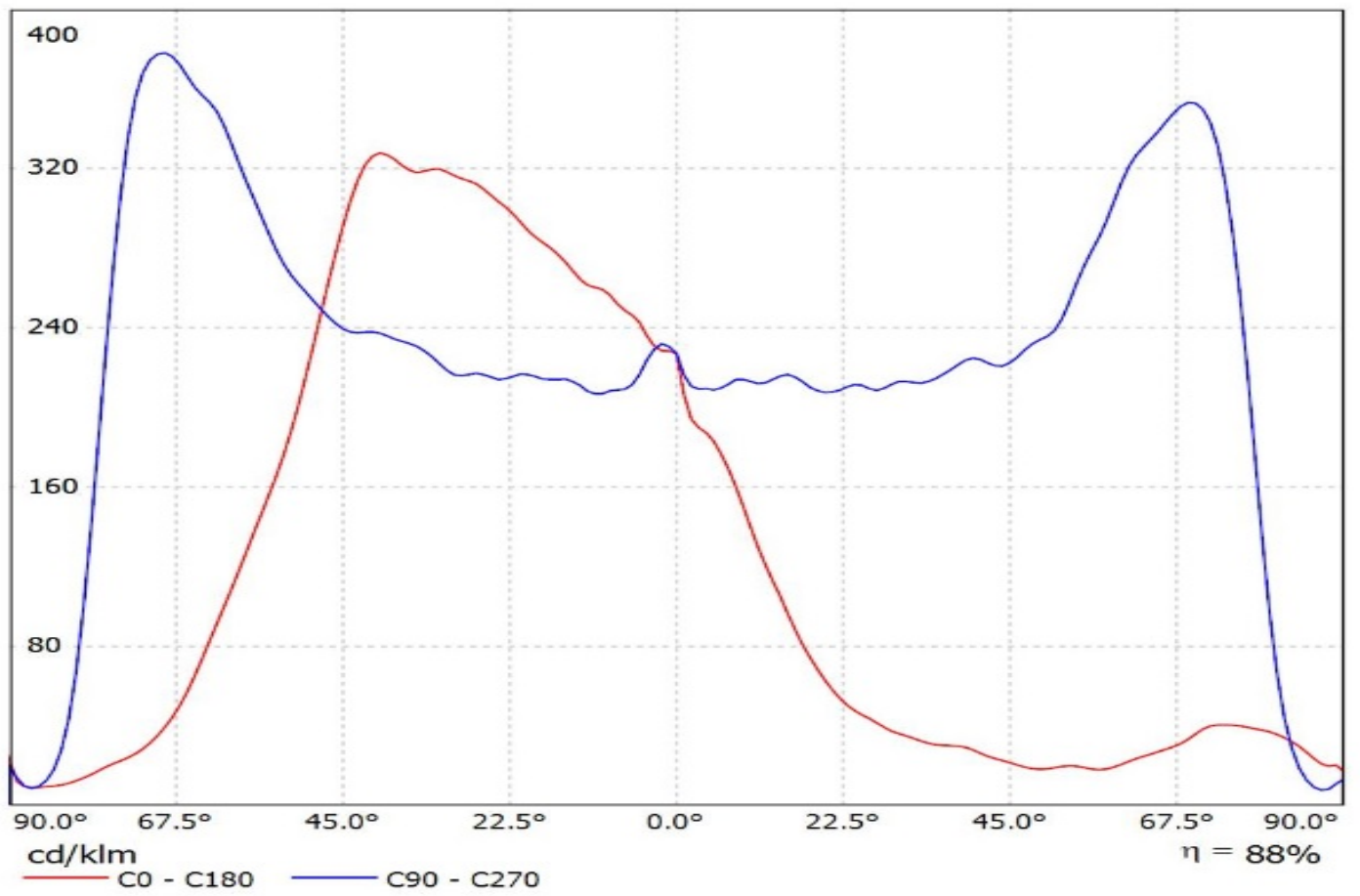
Luminaire: LEDiL Oy CS14145\_STRADA-IP-2X6-DWC-90\_(XT-E) Eff.94.2%  
Lamps: 1 x CREE\_XT-E\_6x2\_(XTEAWT-00-0000-000000HE4)\_1253.02lm@250mA\_P=8.85391W\_I=249.8mA



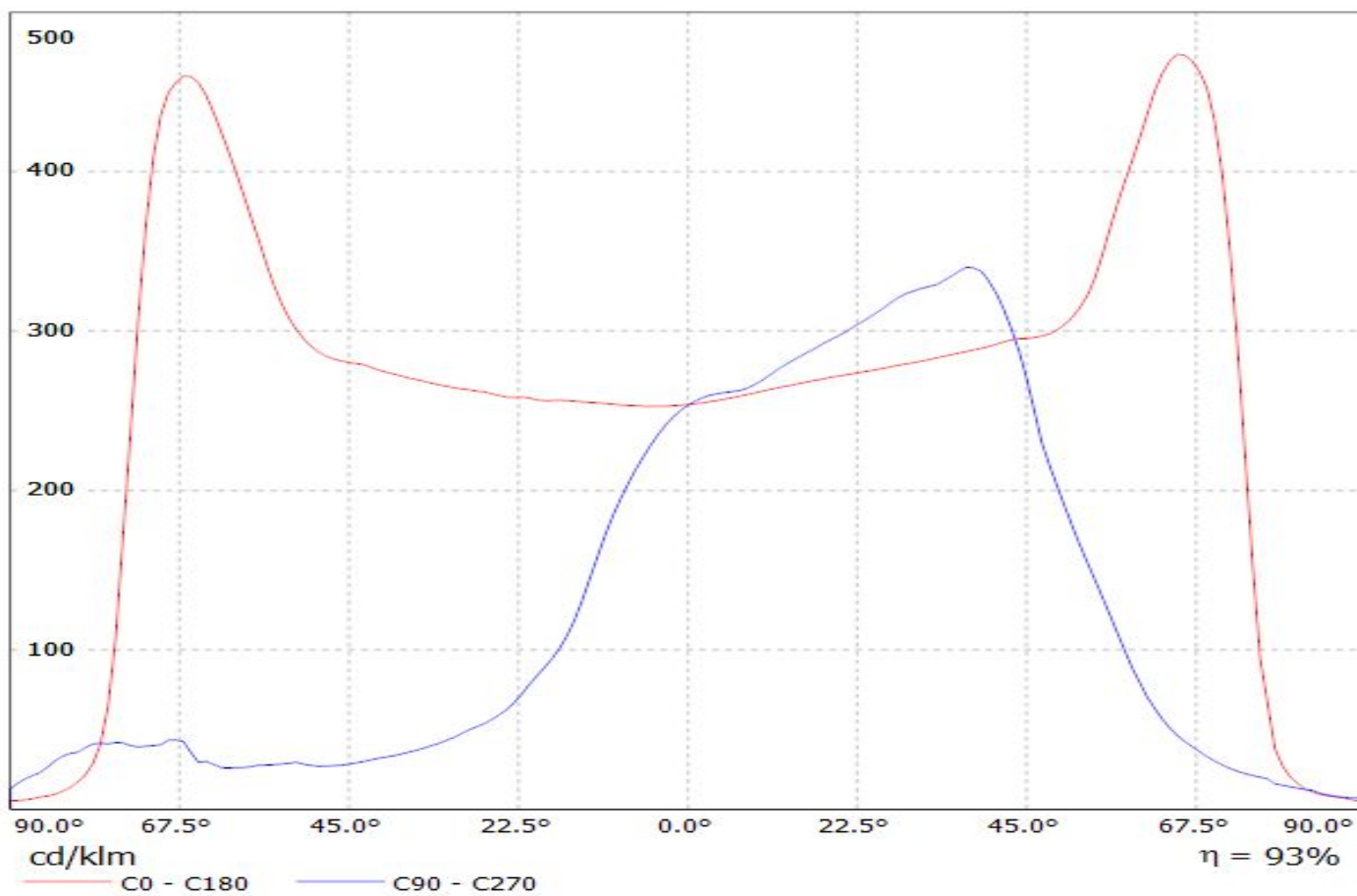
Luminaire: LEDiL Oy CS14145\_STRADA-IP-2X6-DWC-90\_(XP-G2) Eff.92.9%  
Lamps: 1 x CREE\_XP-G2\_1277.8lm@250mA\_P=8.54291W\_J=249.8mA



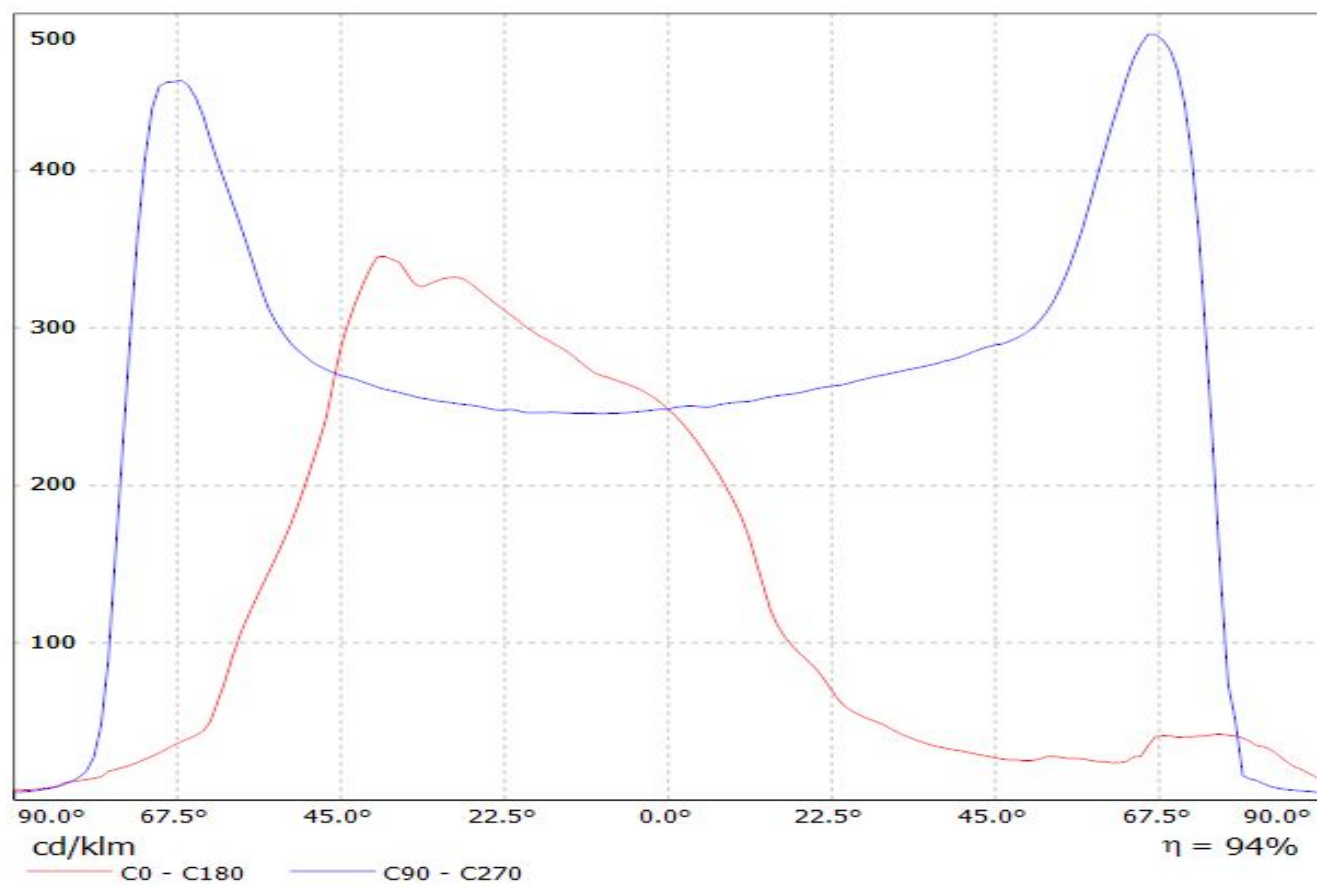
Luminaire: Ledil Oy CS14145\_STRADA-IP-2X6-DWC-90\_(XP-G3)\_SIMULATED  
Lamps: 1 x Cree XP-G3



Luminaire: LEDiL Oy CS14145\_STRADA-IP-2X6-DWC-90\_(REBEL-ES) Eff.93.1%  
Lamps: 1 x LUXEON\_REBEL-ES\_859.8lm@250mA\_P=9.03202W\_I=249.8mA

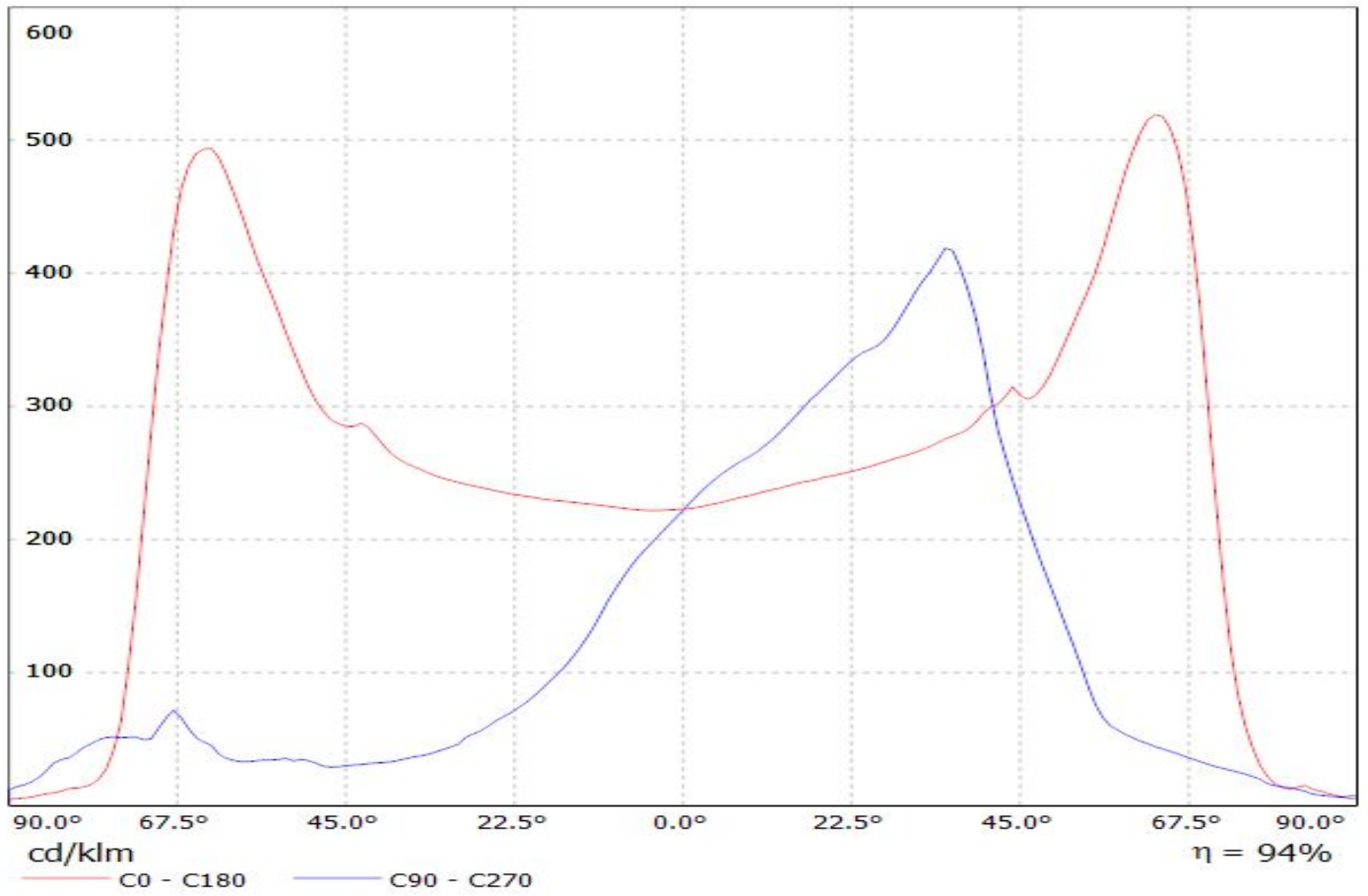


Luminaire: LEDiL Oy CS14145\_STRADA-IP-2X6-DWC-90\_(LUXEON\_T)  
Lamps: 1 x LUXEON\_T\_6x2\_(LXH8-FW30)\_1054.8lm@250mA\_P=8.46572W\_I=249.8mA





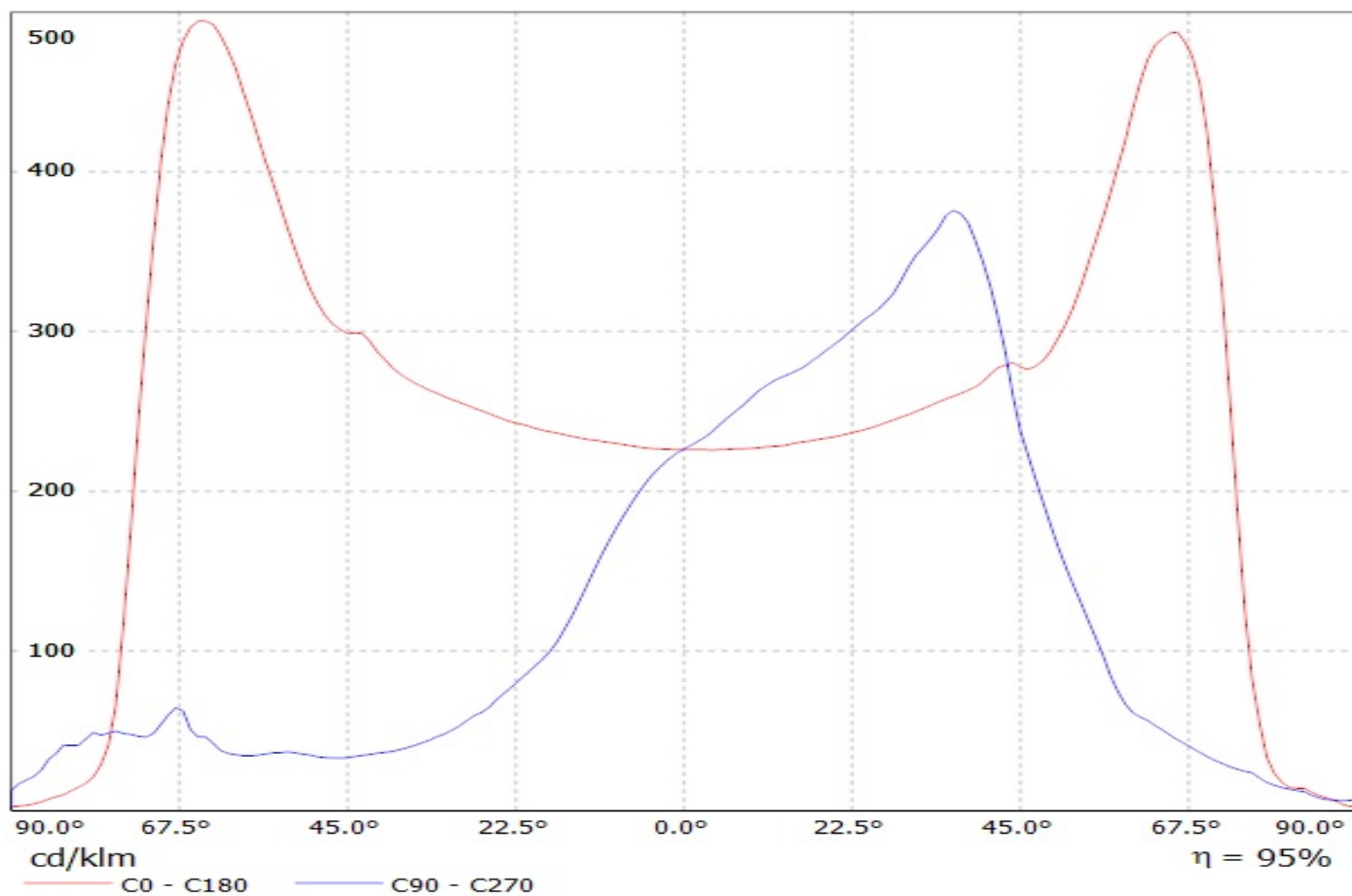
Luminaire: LEDiL Oy CS14145\_STRADA-IP-2X6-DWC-90\_(Luxeon\_TX)  
Lamps: 1 x Luxeon\_TX\_2x6\_1286.09lm@250mA\_P=8.26138W\_I=249.8mA



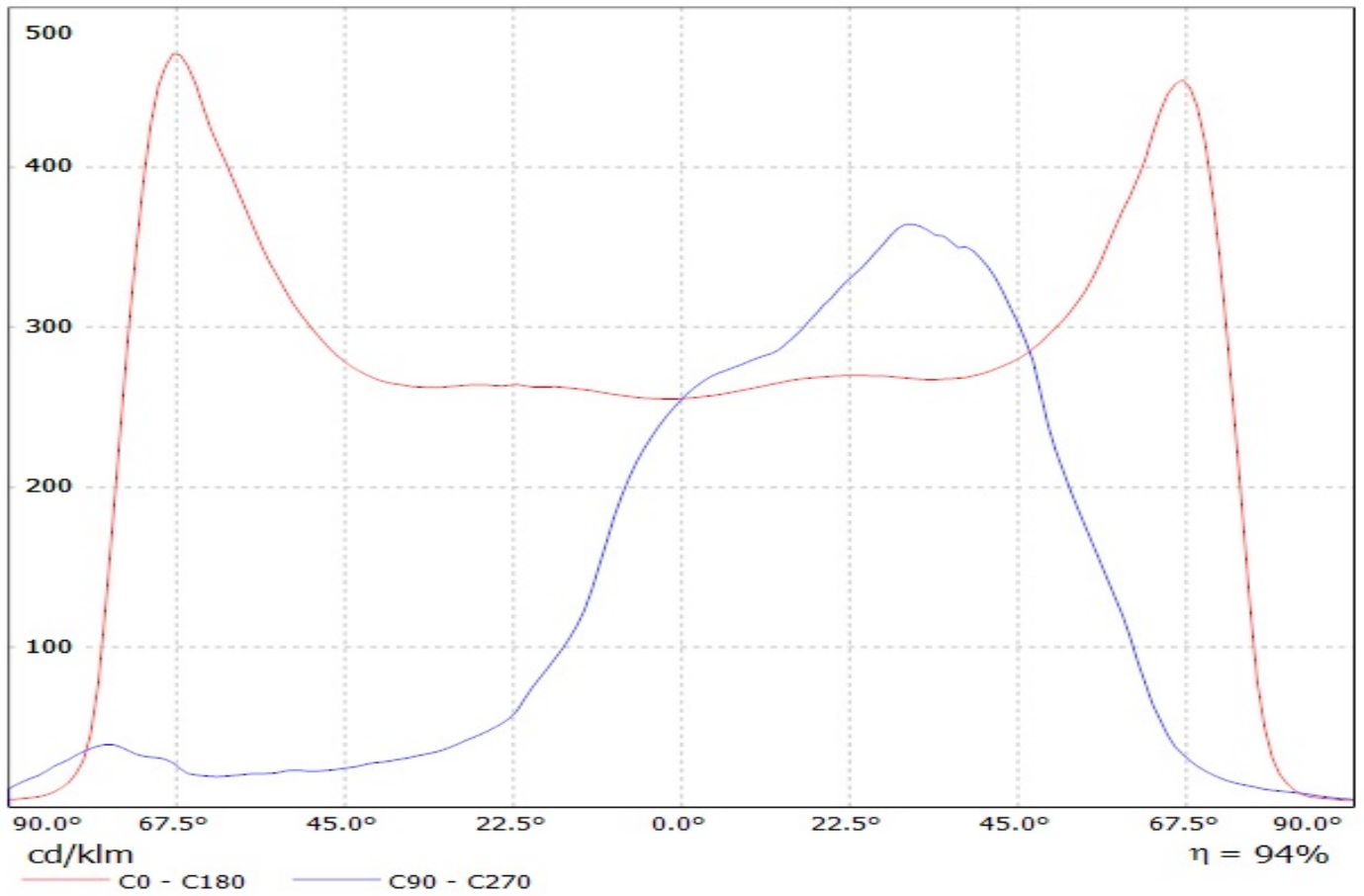


Luminaire: LEDiL Oy CS14145\_STRADA-IP-2X6-DWC-90\_(NVSxx19B)

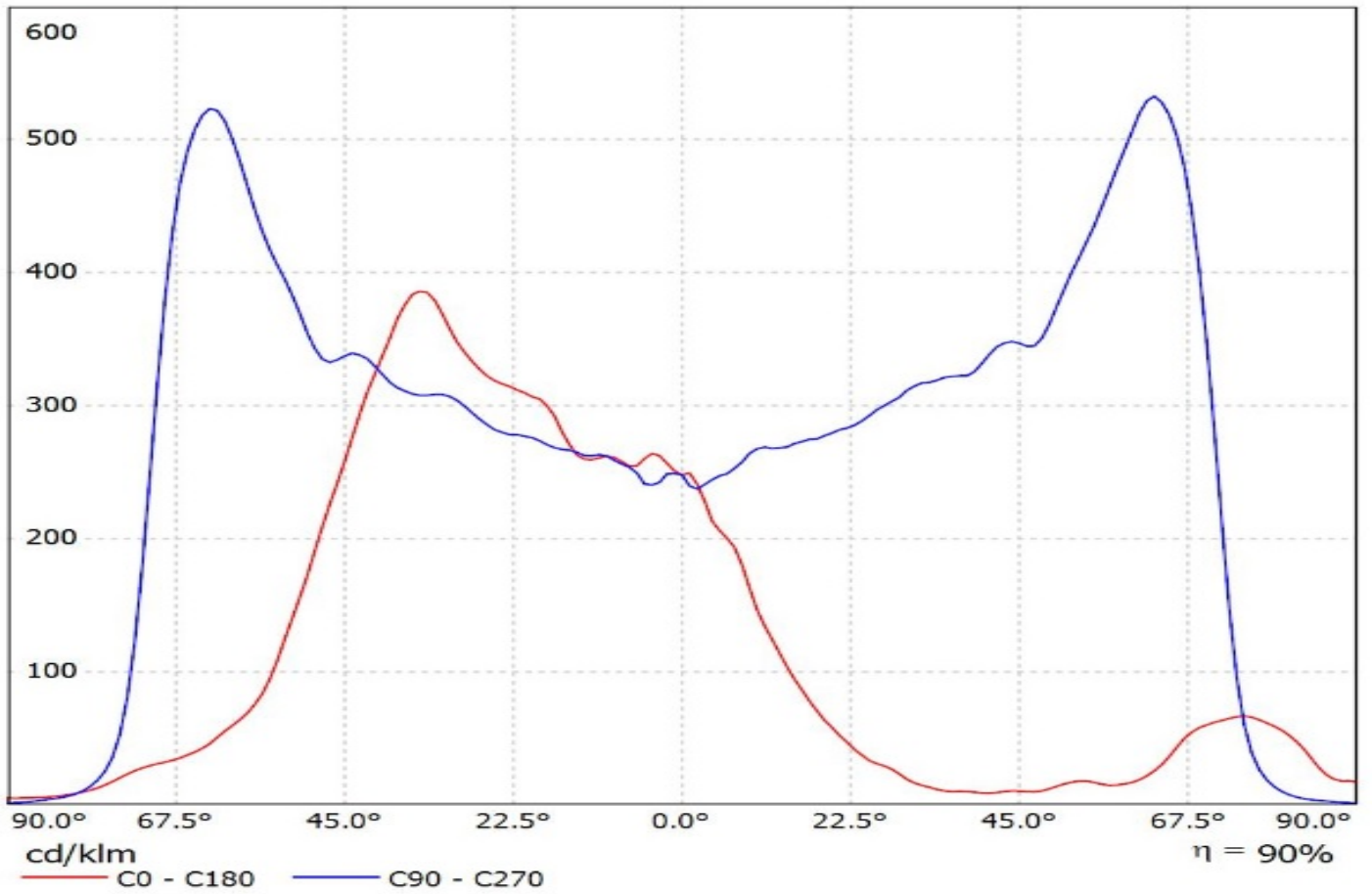
Lamps: 1 x Nichia\_NVsxx19B\_(NVSL219BT)\_(2x6)\_1255.97lm@250mA\_P=8.28319W\_I=0.2499mA



Luminaire: LEDiL Oy CS14145\_STRADA-IP-2X6-DWC-90\_(LH351Z)  
Lamps: 1 x SAMSUNG\_LH351Z\_2x6\_949.14lm@250mA\_P=8.67003W\_I=249.9mA

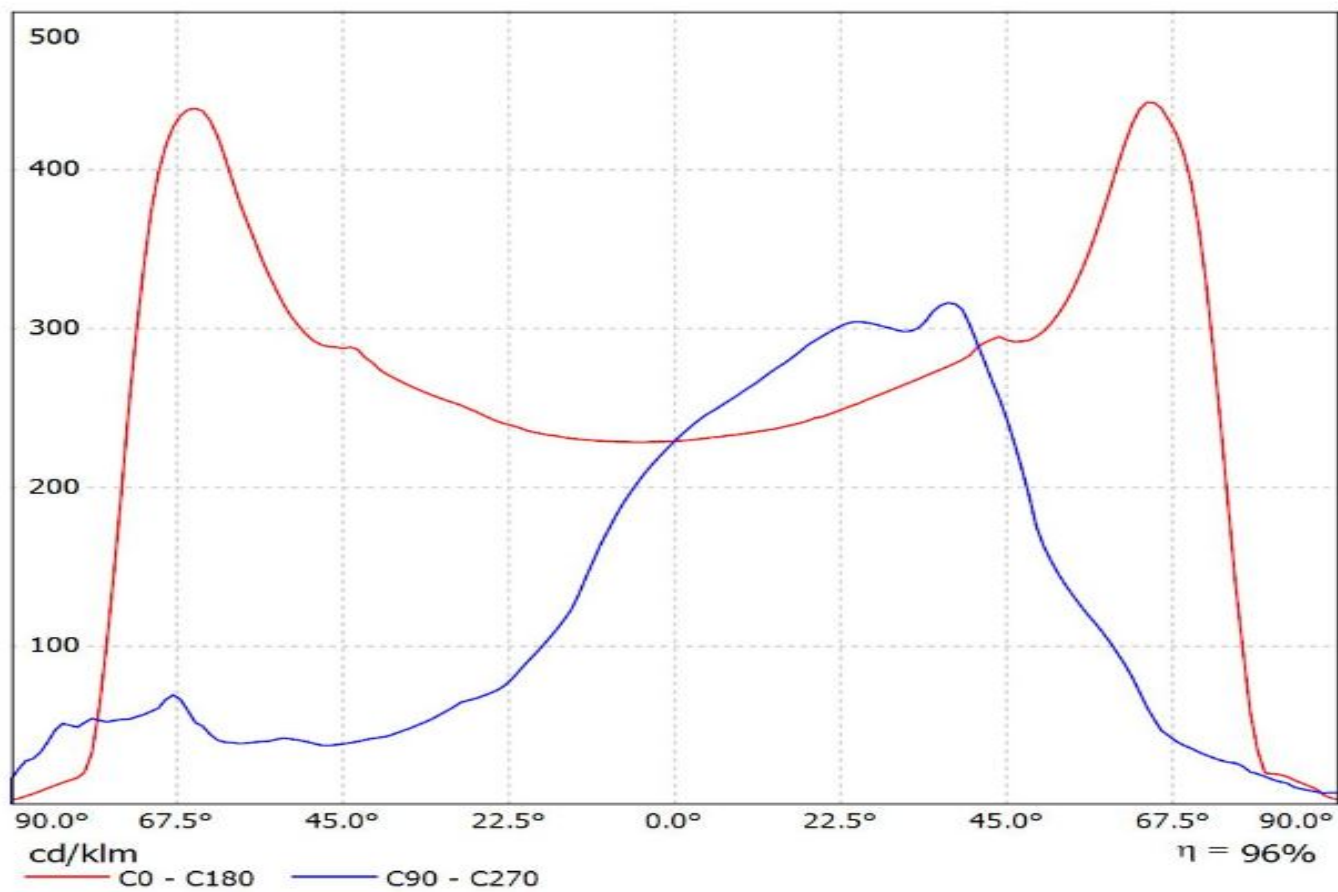


Luminaire: Ledil Oy CS14145\_STRADA-IP-2X6-DWC-90\_(Z5M1)\_SIMULATED  
Lamps: 1 x Seoul Z5M1



Luminaire: Ledil CS14145\_STRADA-IP-2X6-DWC-90\_(Z8Y22\_PLUS)

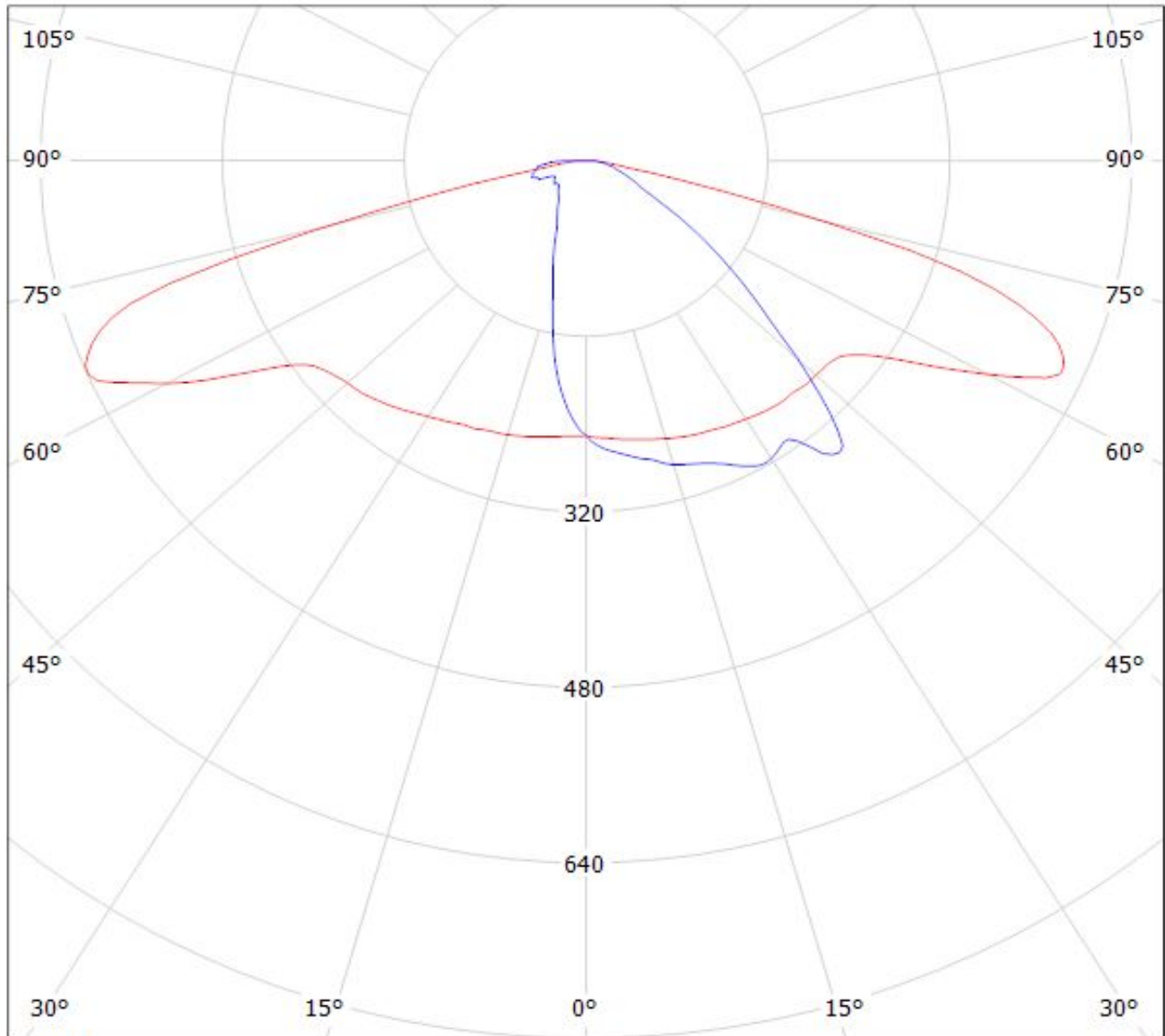
Lamps: 1 x Seoul\_Z8Y22\_PLUS\_2X6\_(SZ8-Y22-W0-C7P)1489.65lm@250mA\_P=8.30675W\_I=0.250A





Luminaire: LEDiL Oy CS14145\_STRADA-IP-2X6-DWC-90\_(XT-E) Eff.94.2%

Lamps: 1 x CREE\_XT-E\_6x2\_(XTEAWT-00-0000-000000HE4)\_1253.02lm@250mA\_P=8.85391W\_I=249.8mA

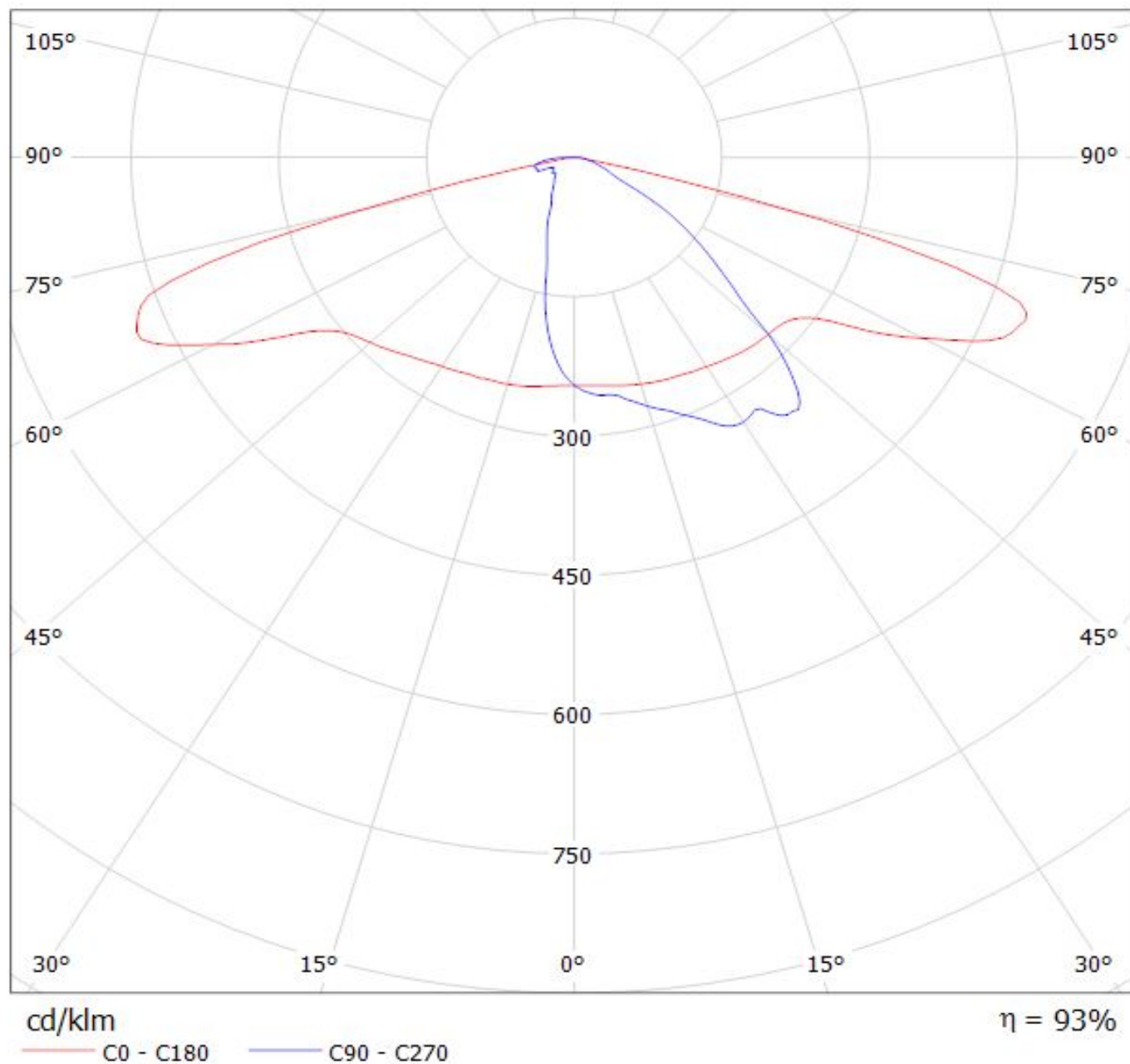


cd/klm

— C0 - C180    — C90 - C270

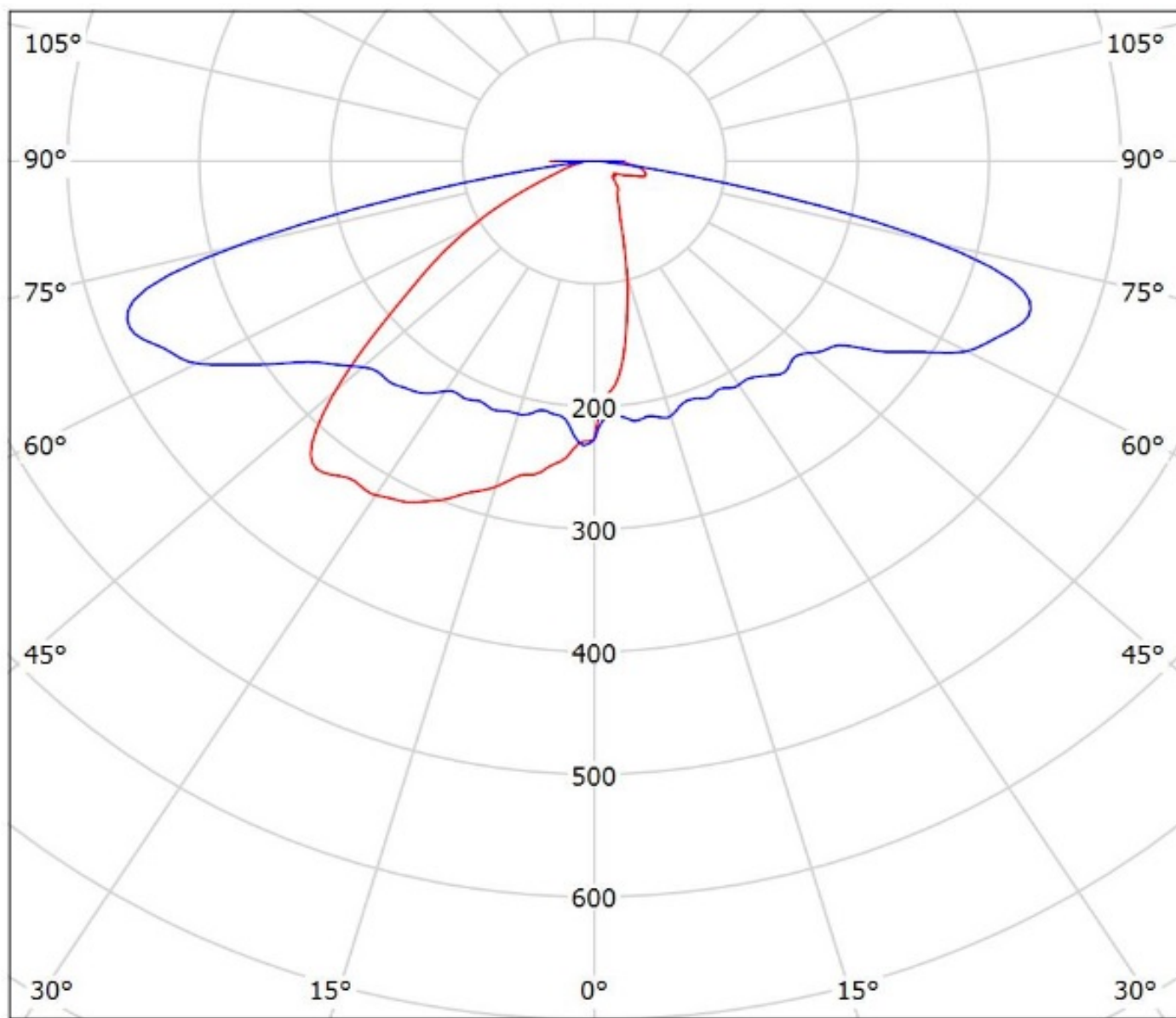
$\eta = 94\%$

Luminaire: LEDiL Oy CS14145\_STRADA-IP-2X6-DWC-90\_(XP-G2) Eff.92.9%  
Lamps: 1 x CREE\_XP-G2\_1277.8lm@250mA\_P=8.54291W\_I=249.8mA





Luminaire: Ledil Oy CS14145\_STRADA-IP-2X6-DWC-90\_(XP-G3)\_SIMULATED  
Lamps: 1 x Cree XP-G3

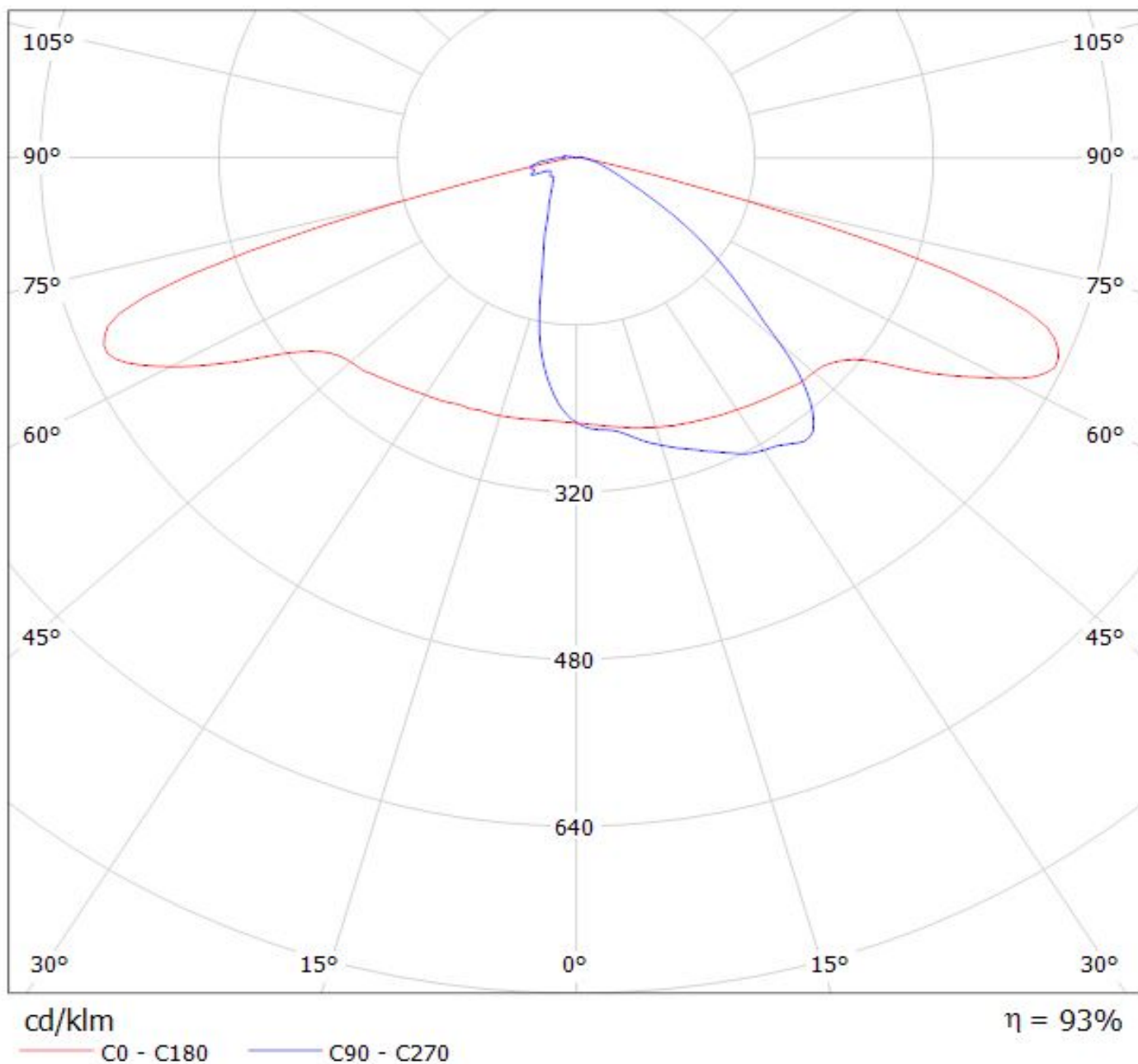


cd/klm

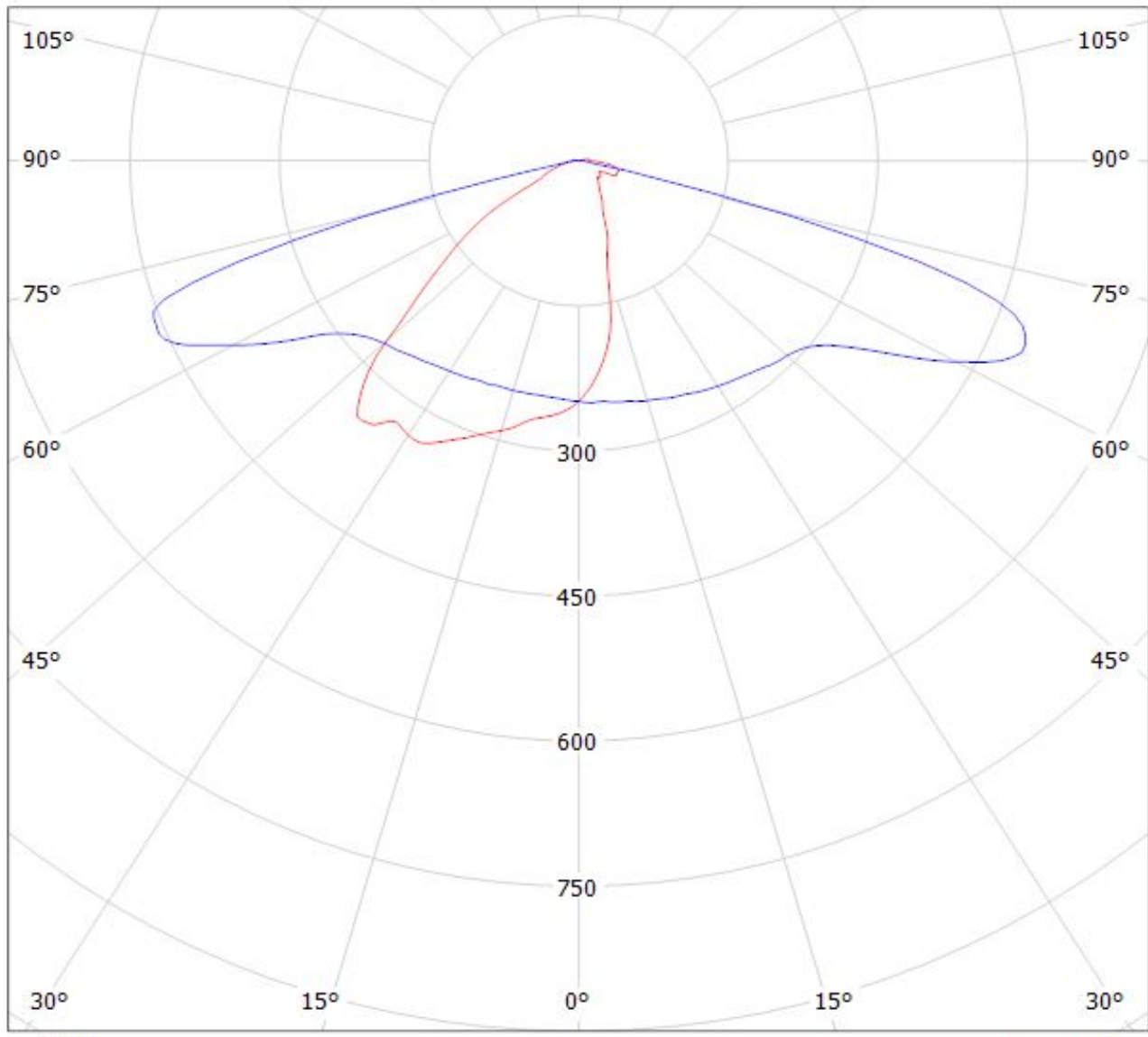
— C0 - C180 — C90 - C270

$\eta = 88\%$

Luminaire: LEDiL Oy CS14145\_STRADA-IP-2X6-DWC-90\_(REBEL-ES) Eff.93.1%  
Lamps: 1 x LUXEON\_REBEL-ES\_859.8lm@250mA\_P=9.03202W\_I=249.8mA



Luminaire: LEDiL Oy CS14145\_STRADA-IP-2X6-DWC-90\_( LUXEON\_T)  
Lamps: 1 x LUXEON\_T\_6x2\_(LXH8-FW30)\_1054.8lm@250mA\_P=8.46572W\_I=249.8mA

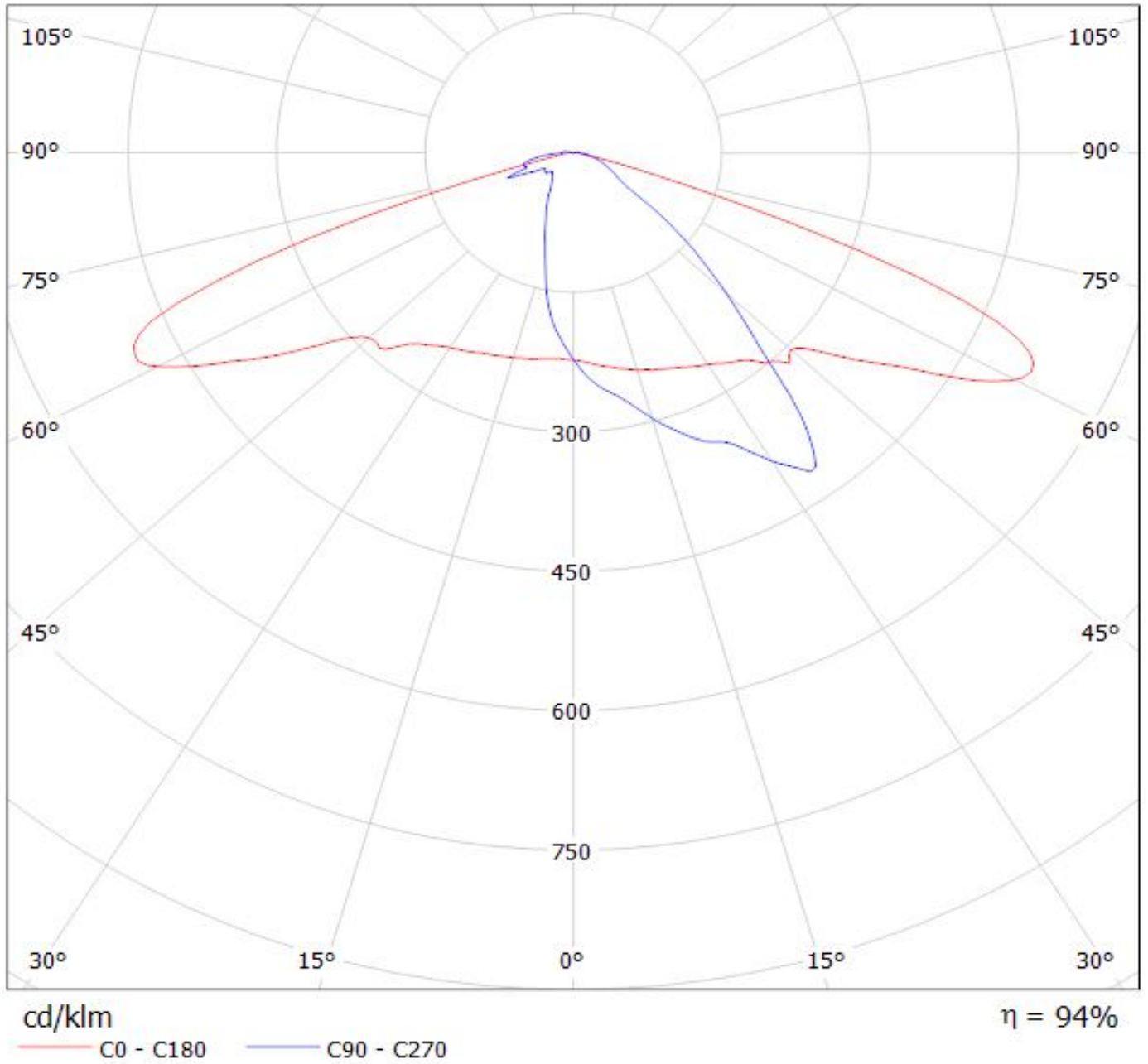


cd/klm

— C0 - C180    — C90 - C270

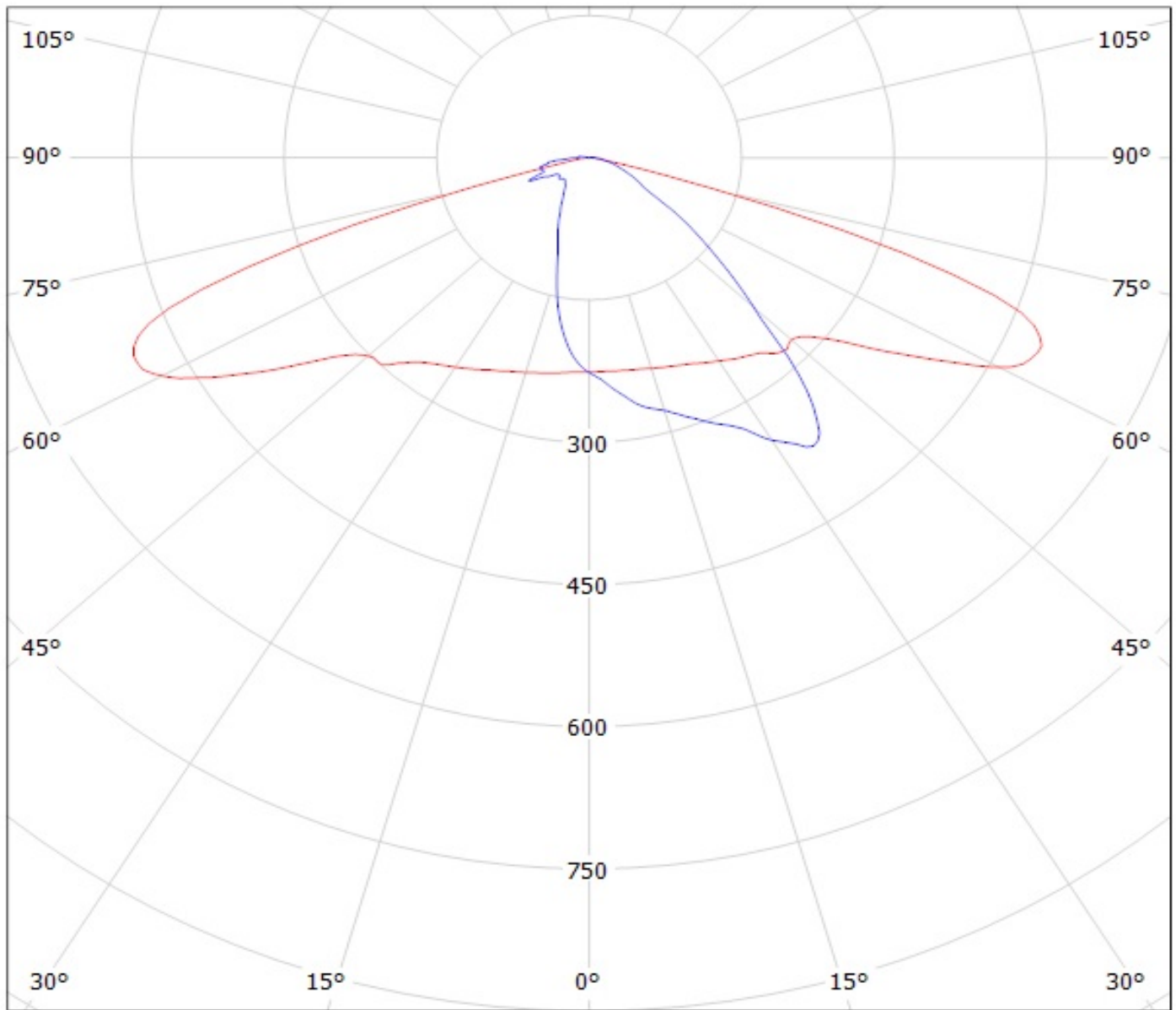
$\eta = 94\%$

Luminaire: LEDiL Oy CS14145\_STRADA-IP-2X6-DWC-90\_(Luxeon\_TX)  
Lamps: 1 x Luxeon\_TX\_2x6\_1286.09lm@250mA\_P=8.26138W\_I=249.8mA



Luminaire: LEDiL Oy CS14145\_STRADA-IP-2X6-DWC-90\_(NVSxx19B)

Lamps: 1 x Nichia\_NVsxx19B\_(NVSL219BT)\_(2x6)\_1255.97lm@250mA\_P=8.28319W\_I=0.2499mA



cd/klm

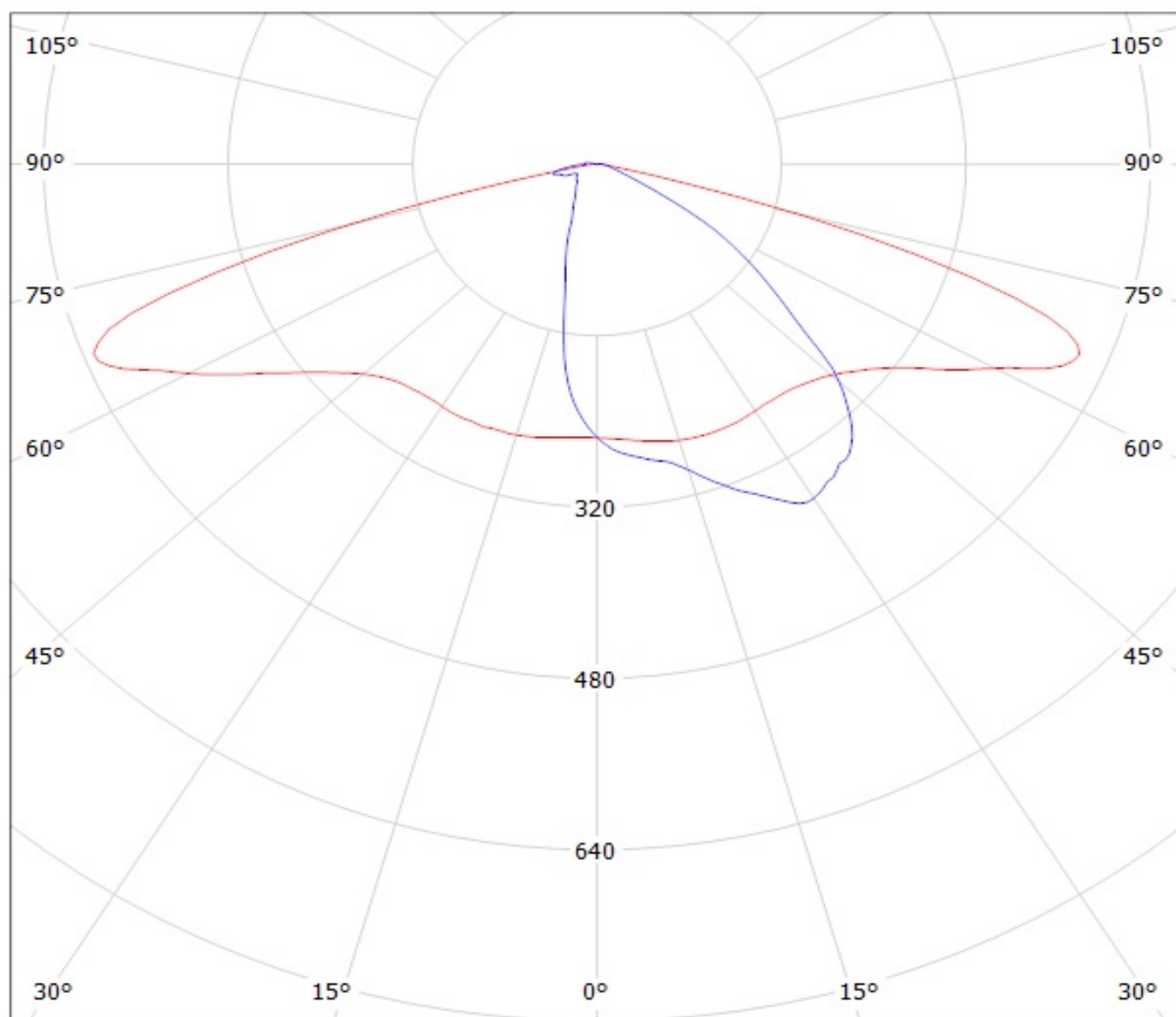
$\eta = 95\%$

— C0 - C180

— C90 - C270

Luminaire: LEDiL Oy CS14145\_STRADA-IP-2X6-DWC-90\_(LH351Z)

Lamps: 1 x SAMSUNG\_LH351Z\_2x6\_949.14lm@250mA\_P=8.67003W\_I=249.9mA



cd/klm

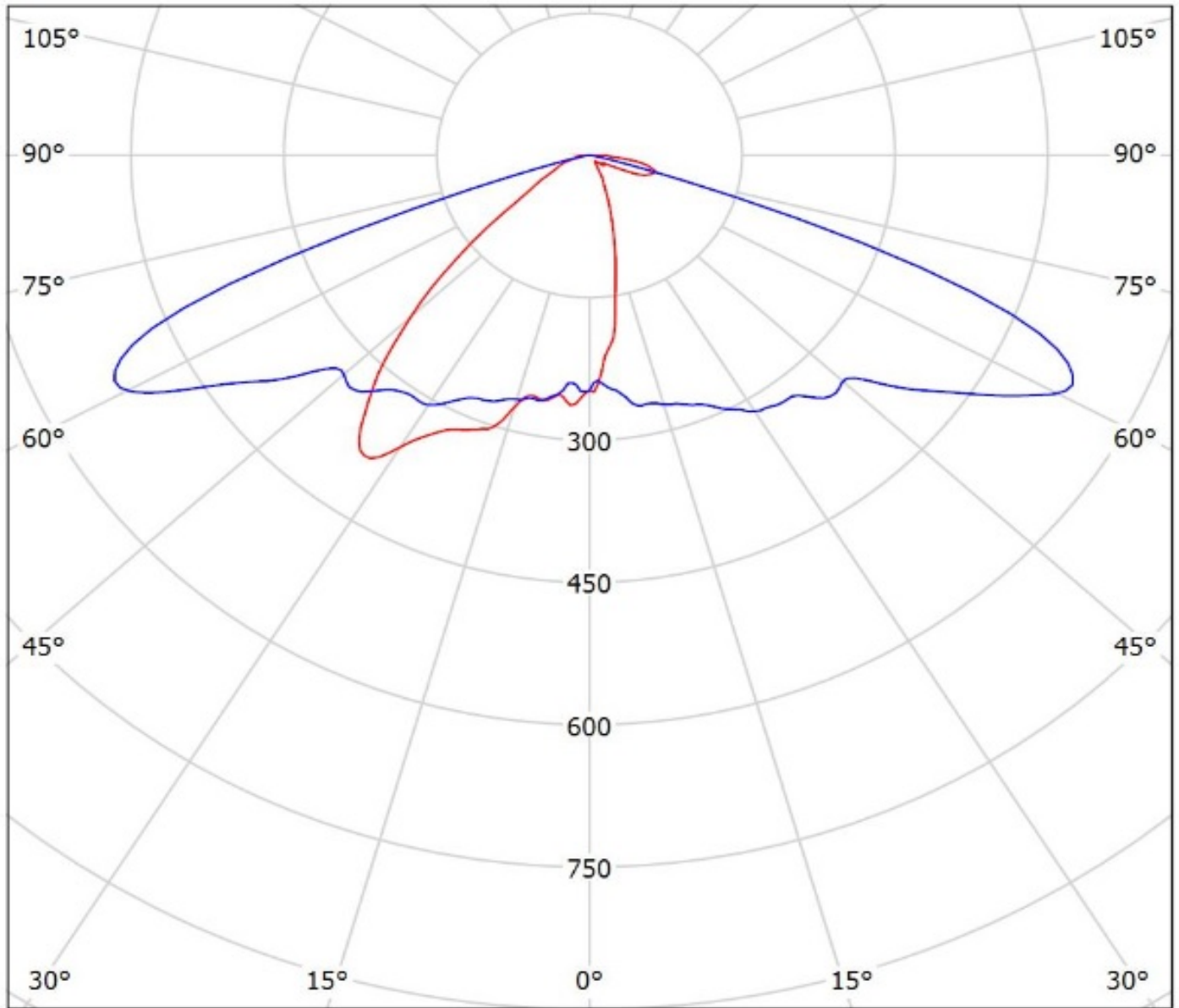
— C0 - C180

— C90 - C270

$\eta = 94\%$



Luminaire: Ledil Oy CS14145\_STRADA-IP-2X6-DWC-90\_(Z5M1)\_SIMULATED  
Lamps: 1 x Seoul Z5M1



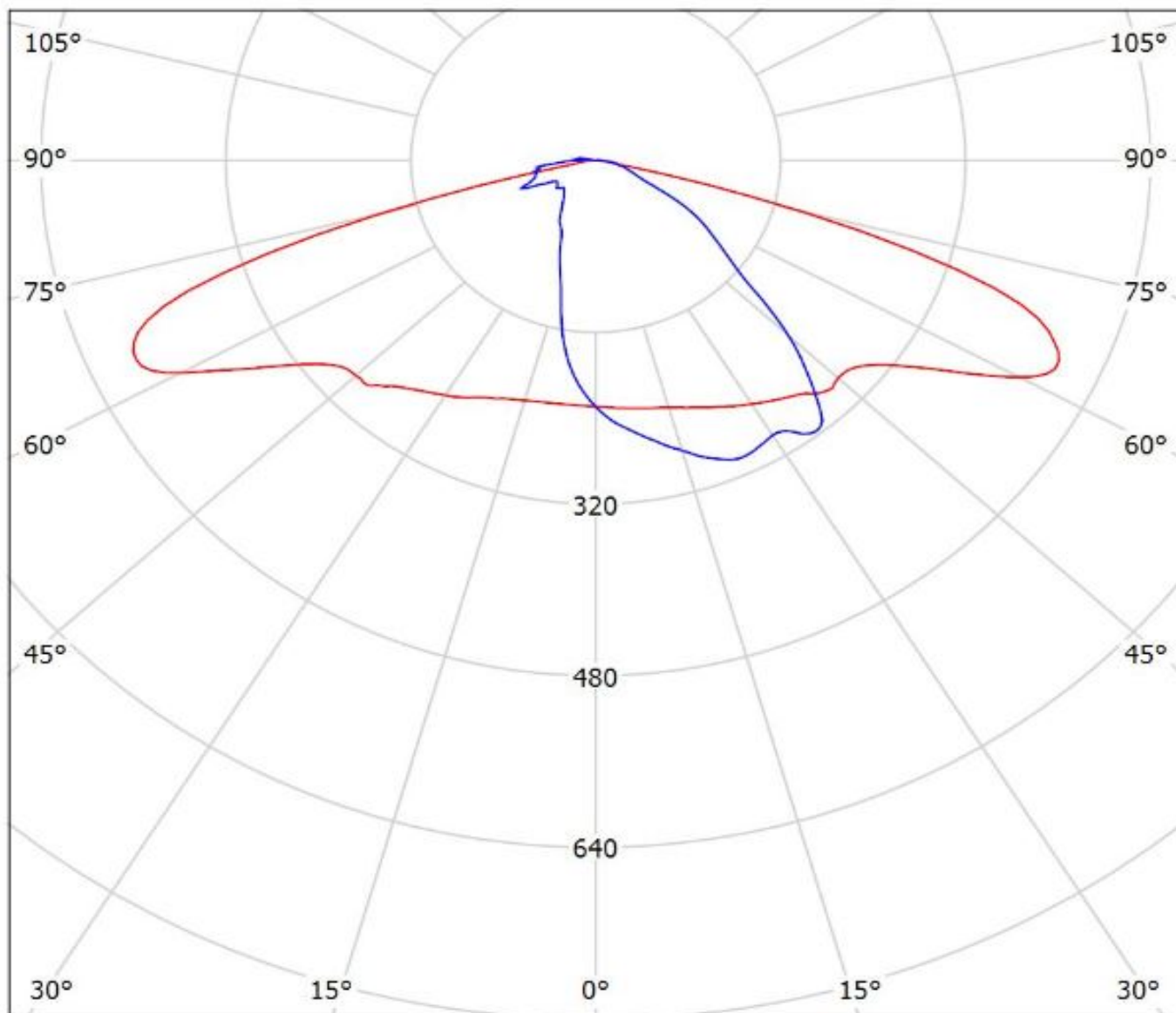
cd/klm  
— C0 - C180 — C90 - C270

$\eta = 90\%$



Luminaire: Ledil CS14145\_STRADA-IP-2X6-DWC-90\_(Z8Y22\_PLUS)

Lamps: 1 x Seoul\_Z8Y22\_PLUS\_2X6\_(SZ8-Y22-W0-C7P)1489.65lm@250mA\_P=8.30675W\_η=0.250A



cd/klm

— C0 - C180

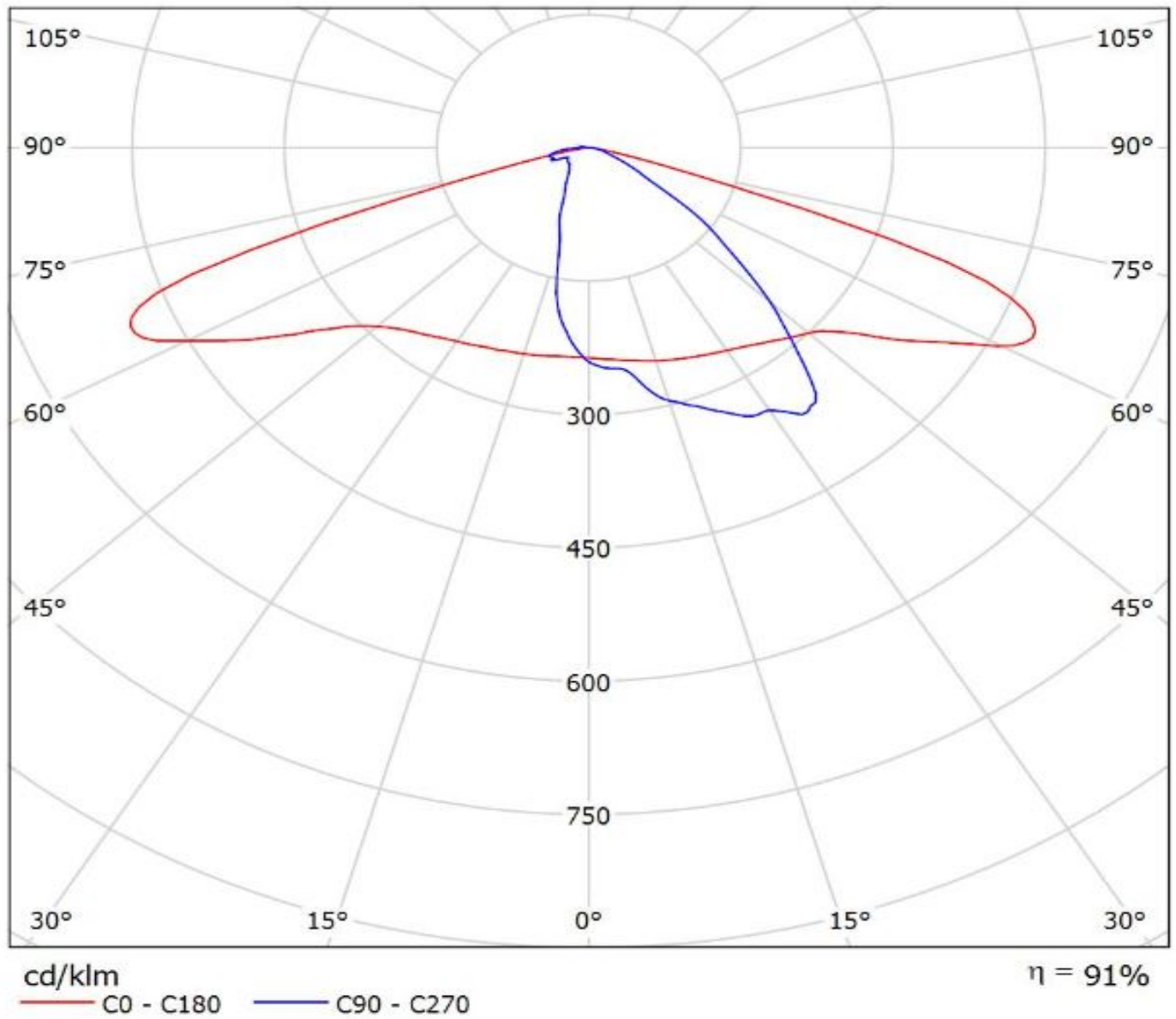
— C90 - C270

$\eta = 96\%$

# Ledil CS14145\_STRADA-IP-2X6-DWC-90\_(TL1L4) / LDC (Polar)

Luminaire: Ledil CS14145\_STRADA-IP-2X6-DWC-90\_(TL1L4)

Lamps: 1 x Toshiba\_TL1L4\_2x6\_(TL1L4-DW0)\_1346.96lm@250mA\_CCT=6500K\_P=8.5W\_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.**