

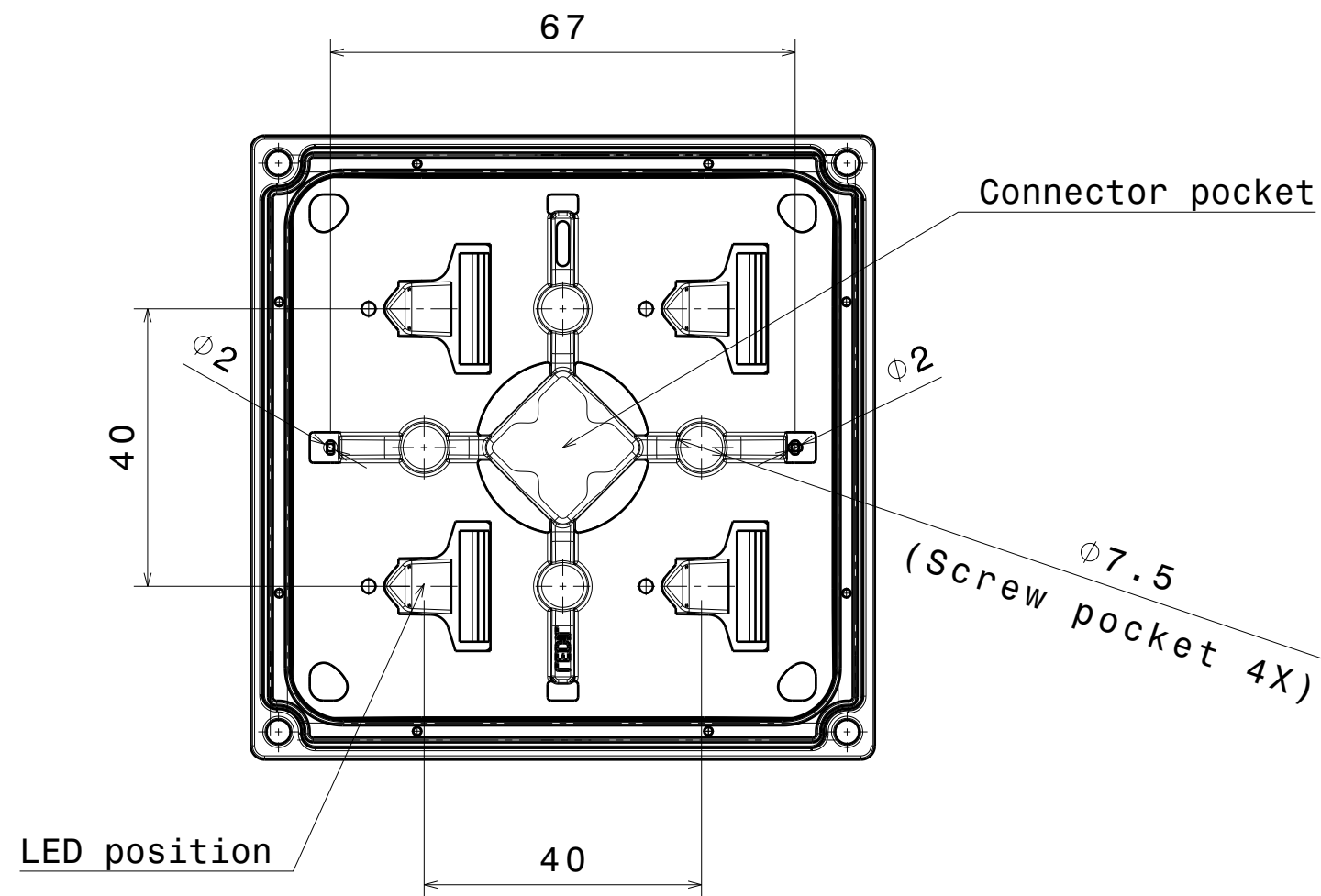
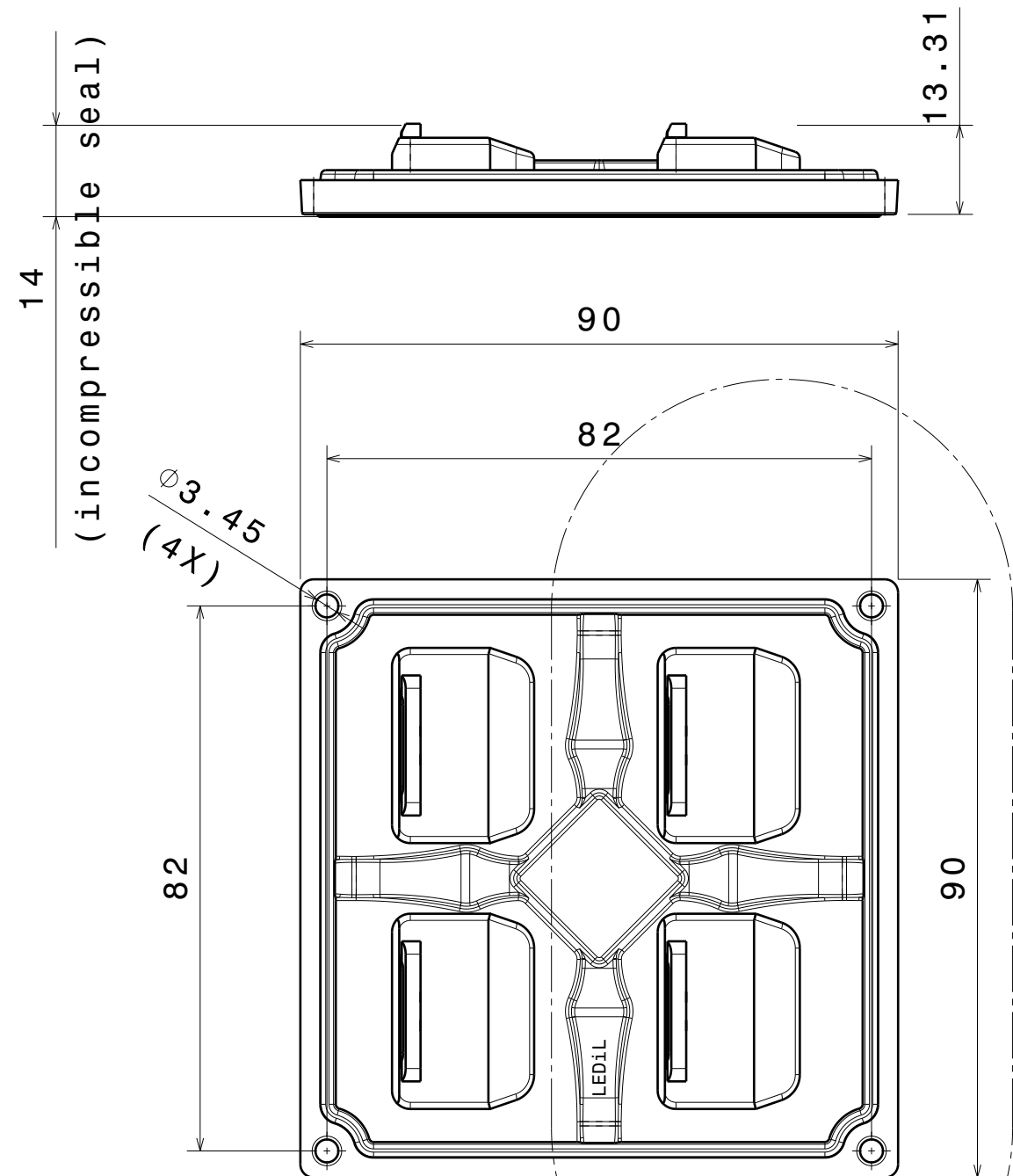
## DETAILS

<b>Product Number</b>	CS14632_STRADA-2X2MX-DWC
<b>Family</b>	Strada
<b>Type</b>	Assembly
<b>Color</b>	clear
<b>Diameter</b>	90x90 mm
<b>Height</b>	11,13 mm
<b>Style</b>	square
<b>Optic Material</b>	
<b>Holder Material</b>	
<b>Fastening</b>	screw
<b>Status</b>	production ready
<b>ROHS Compliant</b>	Yes
<b>Date Updated</b>	31/05/2017

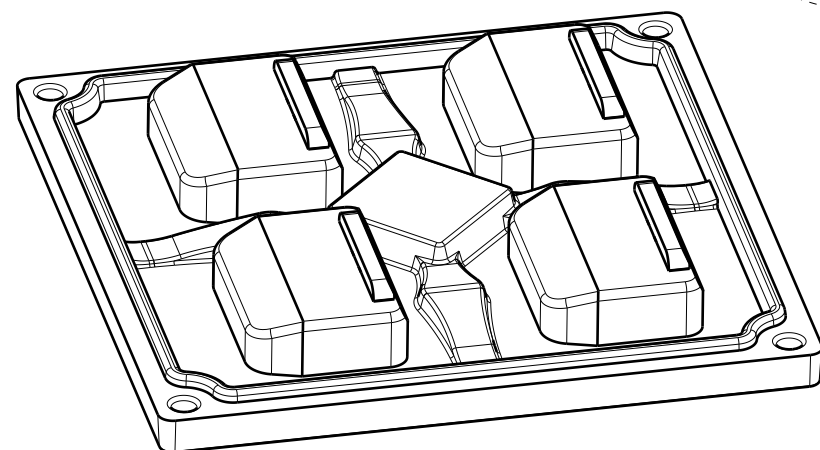


## OPTICAL PROPERTIES

LED	Viewing Angle	Light Beam	Efficiency	cd/lm	Connector
PSL440	Asymmetric deg	Streetligh...	94 %	0.670	-
PSL445	Asymmetric deg	Streetligh...	94 %	0.470	-
XHP70	asymmetric deg	Streetligh...	94 %	0.530	-
XHP50	asymmetric deg	Streetligh...	94 %	0.610	-
XM-L	asymmetric deg	Streetligh...	94 %	0.730	-
XHP35 HD	Asymmetric deg	Streetligh...	94 %	0.700	-
XHP35 HI	Asymmetric deg	Streetligh...	94 %	0.740	-
LUXEON M/MX	asymmetric deg	Streetligh...	94 %	0.610	-
LUXEON MZ	Asymmetric deg	Streetligh...	94 %	0.800	-
LUXEON XR-M square 2x2	asymmetric deg	Streetligh...	94 %	0.610	-
NV4x144A	Asymmetric deg	Streetligh...	94 %	0.600	-
NFMW48xA	sim: asym	Streetligh...	sim: 94 %	sim: 0.580	-
Duris S10	sim: Asymmetri	Streetligh...	92 %	0.530	-
Duris P10	sim: Asymmetri	Streetligh...	sim: 92 %	-	-



Beam direction



Isometric view (1:1)

INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	C14631	STRADA-2X2MX-SEAL	silicone	
2	C14630	STRADA-2x2MX-DWC	PMMA	

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 Oy  
Salorankatu 10  
FIN 24240 SALO  
Finland

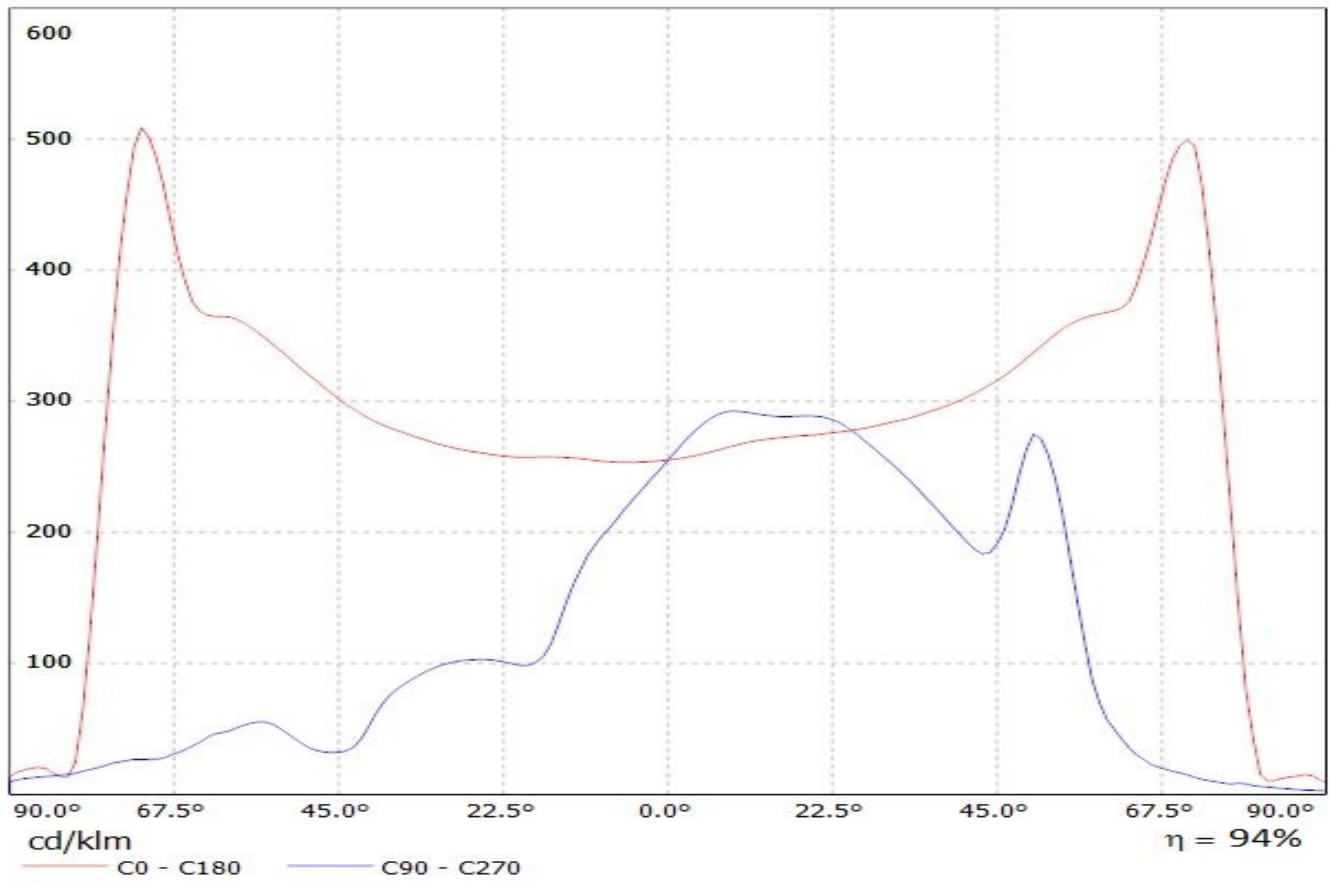
THIRD ANGLE PROJECTION:

DRAWING TITLE  
**CS14632\_STRADA-2X2MX-DWC**

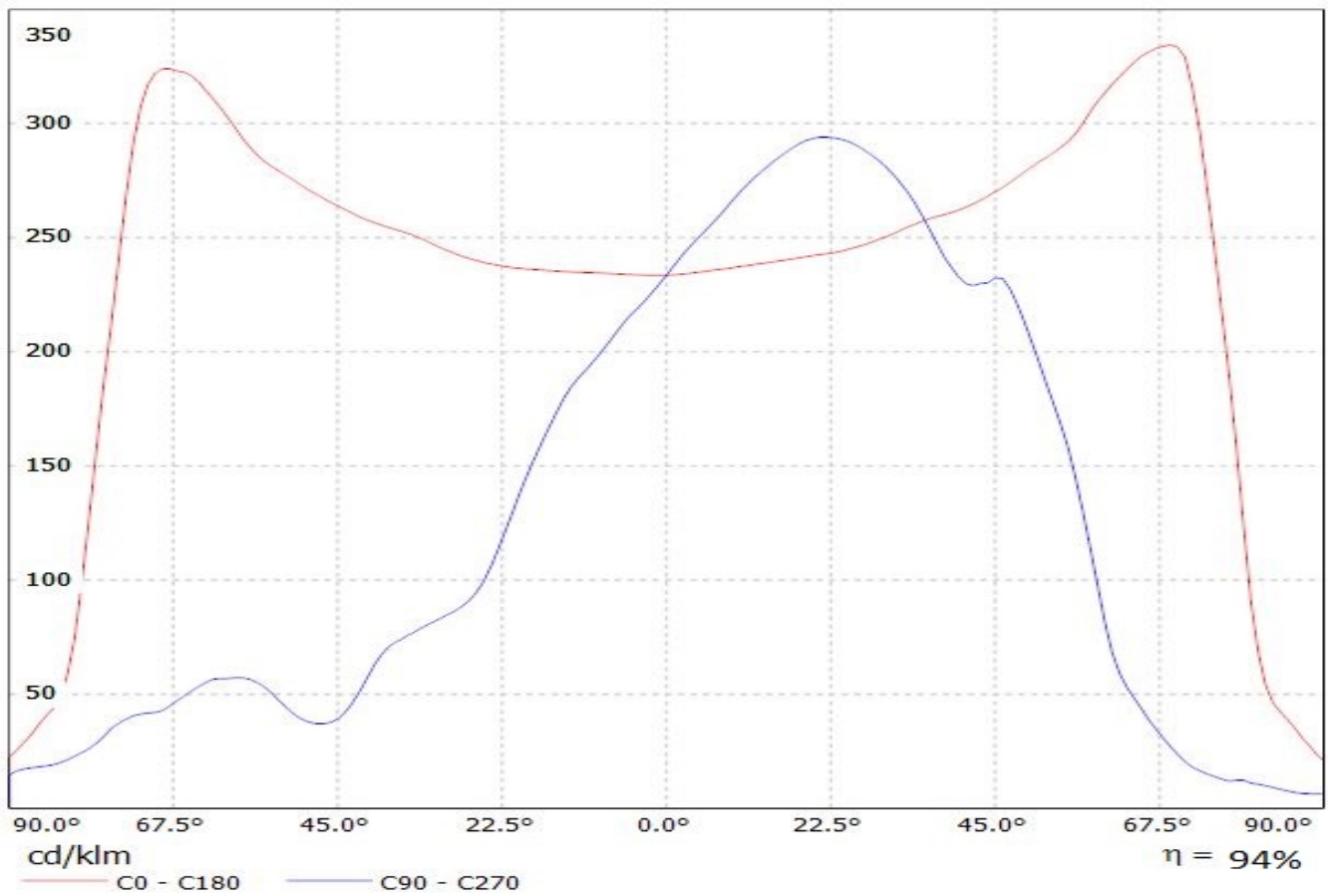
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SIZE	PART NUMBER	SCALE	WEIGHT	SHEET
A3	CS14632	1:1	41,3 g	1/1

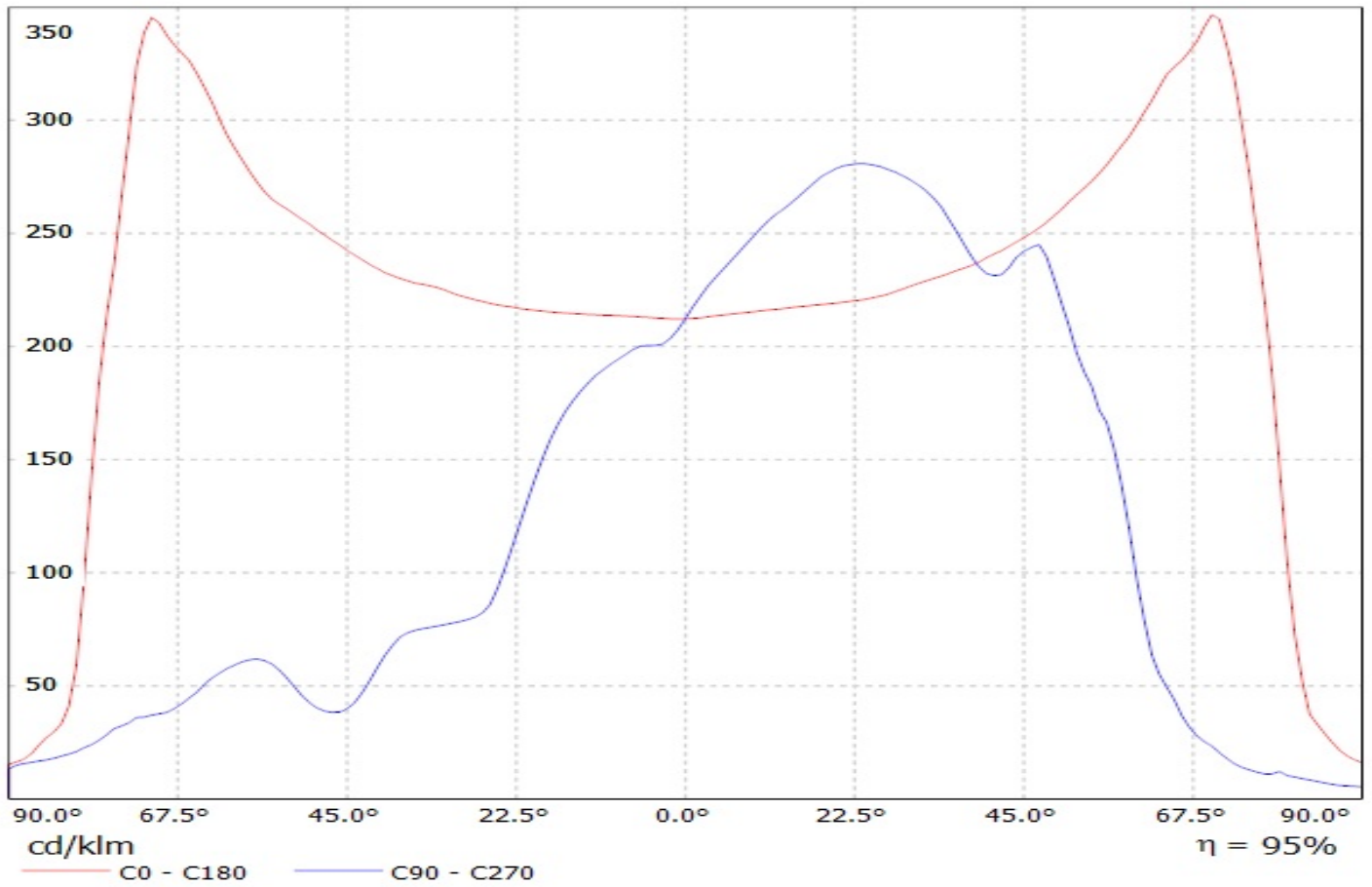
Luminaire: LEDiL Oy CS14632\_STRADA-2X2MX-DWC\_(PSL440)\_GS  
Lamps: 1 x Citizen\_PSL440\_1034.87lm@250mA\_P=11.3823W\_I=0.250A



Luminaire: LEDiL Oy CS14632\_STRADA-2X2MX-DWC\_(PSL445)  
Lamps: 1 x Citizen\_PSL445\_2x2\_1674.9lm@250mA\_P=11.1421W\_I=0.250A\_CCT=2700K

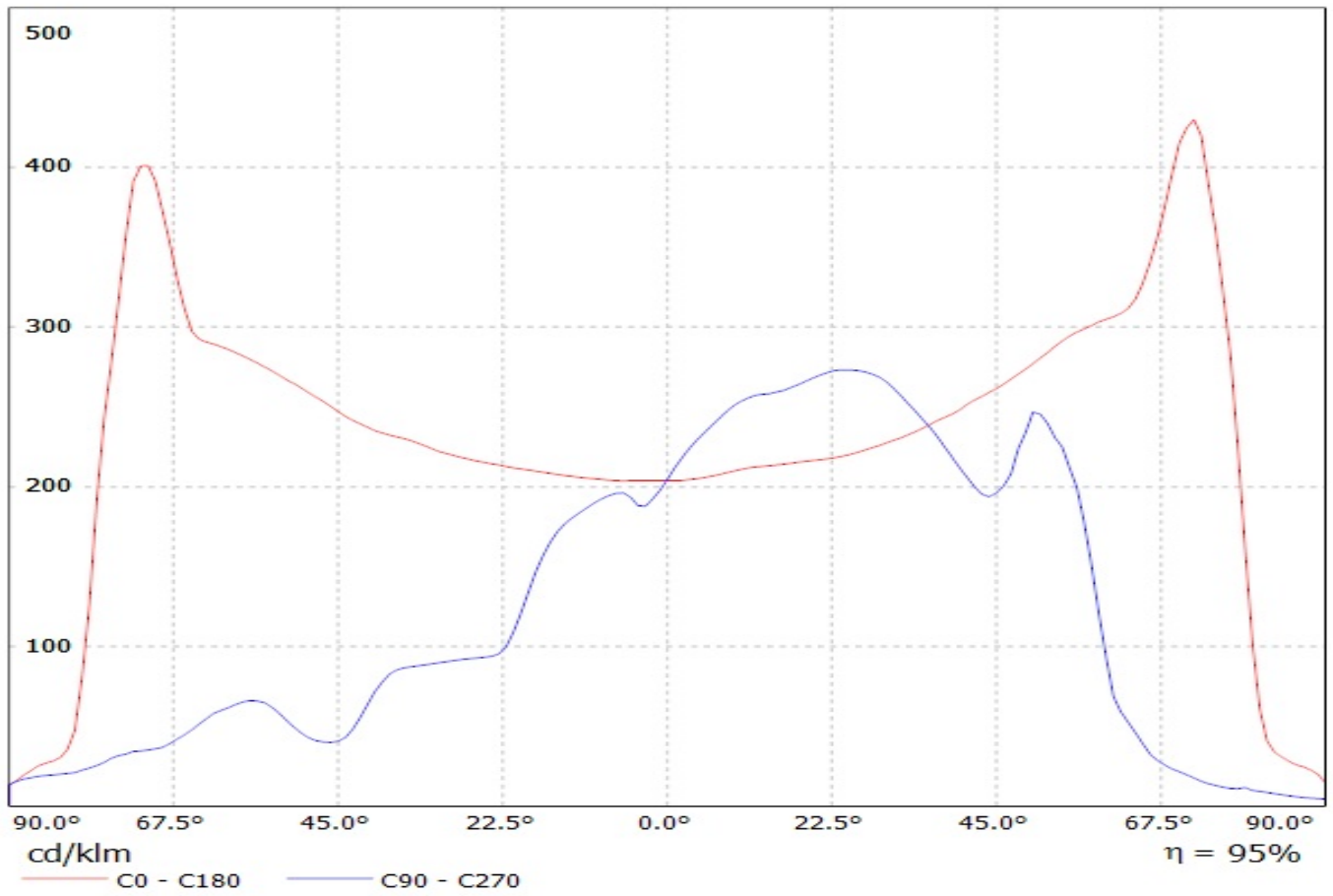


Luminaire: LEDiL Oy CS14632\_STRADA-2X2MX-DWC\_(XHP70)  
Lamps: 1 x Cree\_XHP70\_(2x2MX)\_1466.89lm@250mA\_P=10.9332W\_I=0.2498A

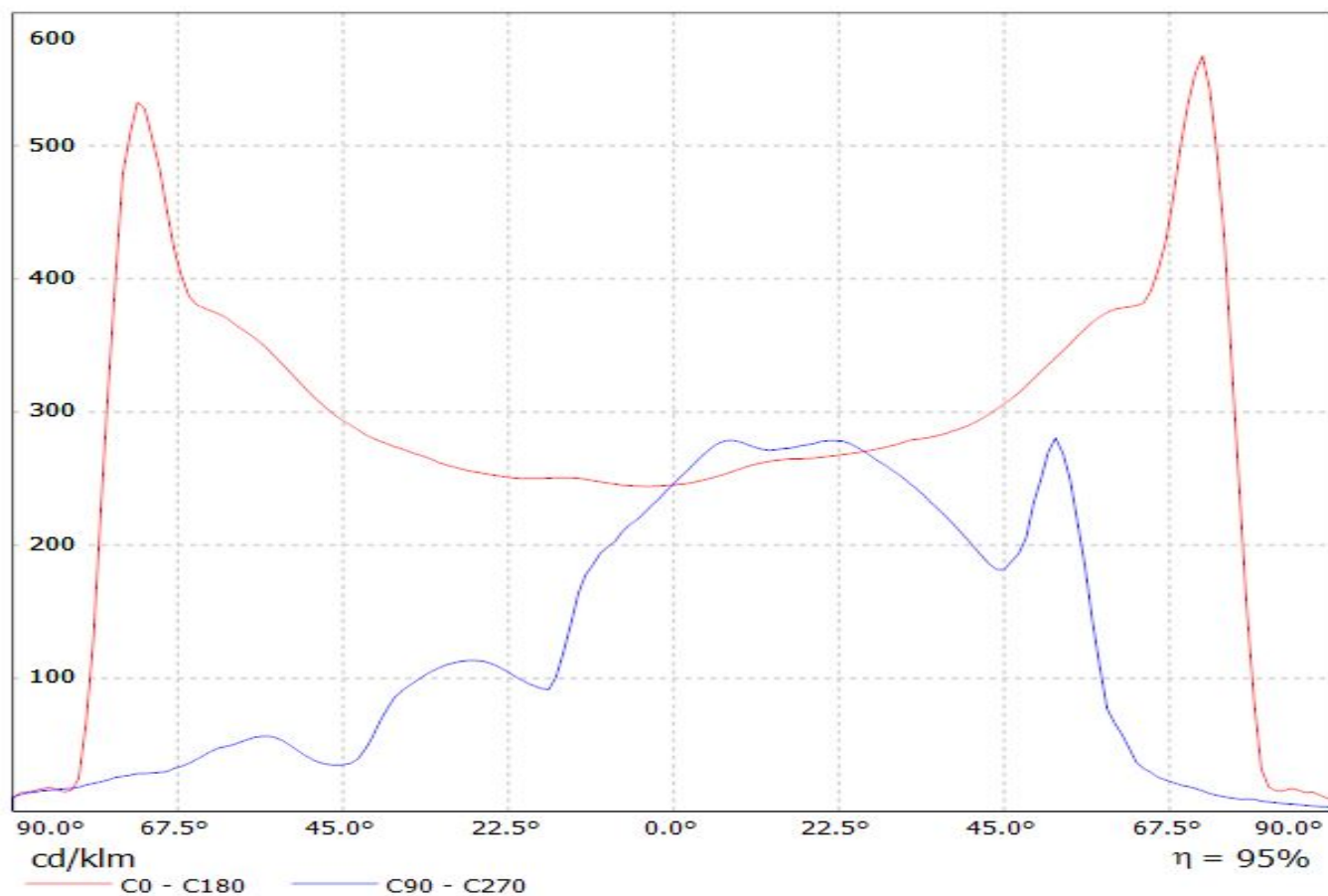


Luminaire: LEDiL Oy CS14632\_STRADA-2X2MX-DWC\_(XHP50)

Lamps: 1 x Cree\_XHP50\_(XHP50-0-1B0-J20-D0-B-01)\_(2x2MX)\_1832.8lm@250mA\_P=11.3379W\_I=0.2498A



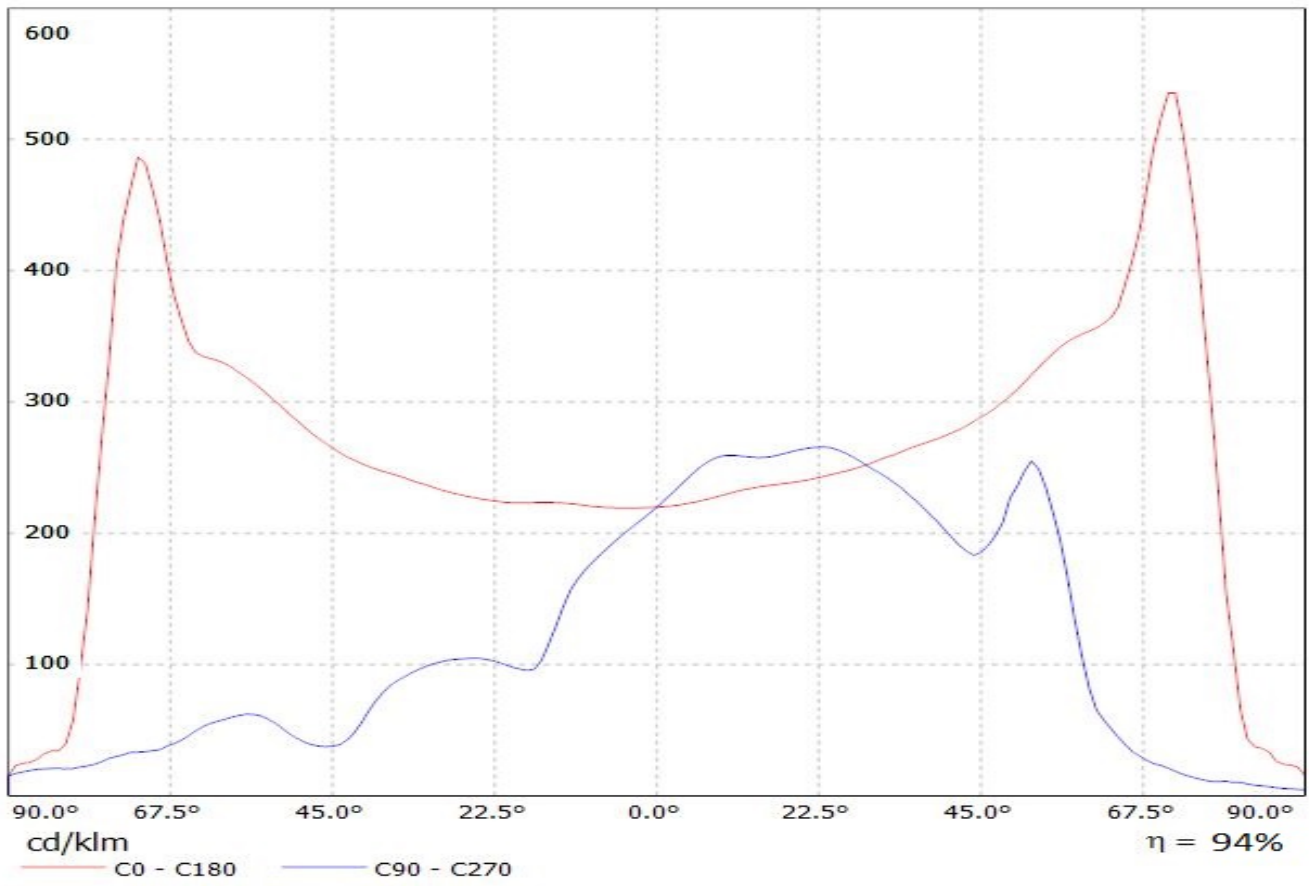
Luminaire: LEDiL Oy CS14632\_STRADA-2X2MX-DWC\_(XM-L-2x2MX)  
Lamps: 1 x Cree\_XM-L-2x2MX\_(XMLAWT-0-5A3-T50-0L-0001)\_376.168lm@250mA\_P=2.76364W\_I=0.250A





Luminaire: LEDiL Oy CS14632\_STRADA-2X2MX-DWC (XHP35\_HD)

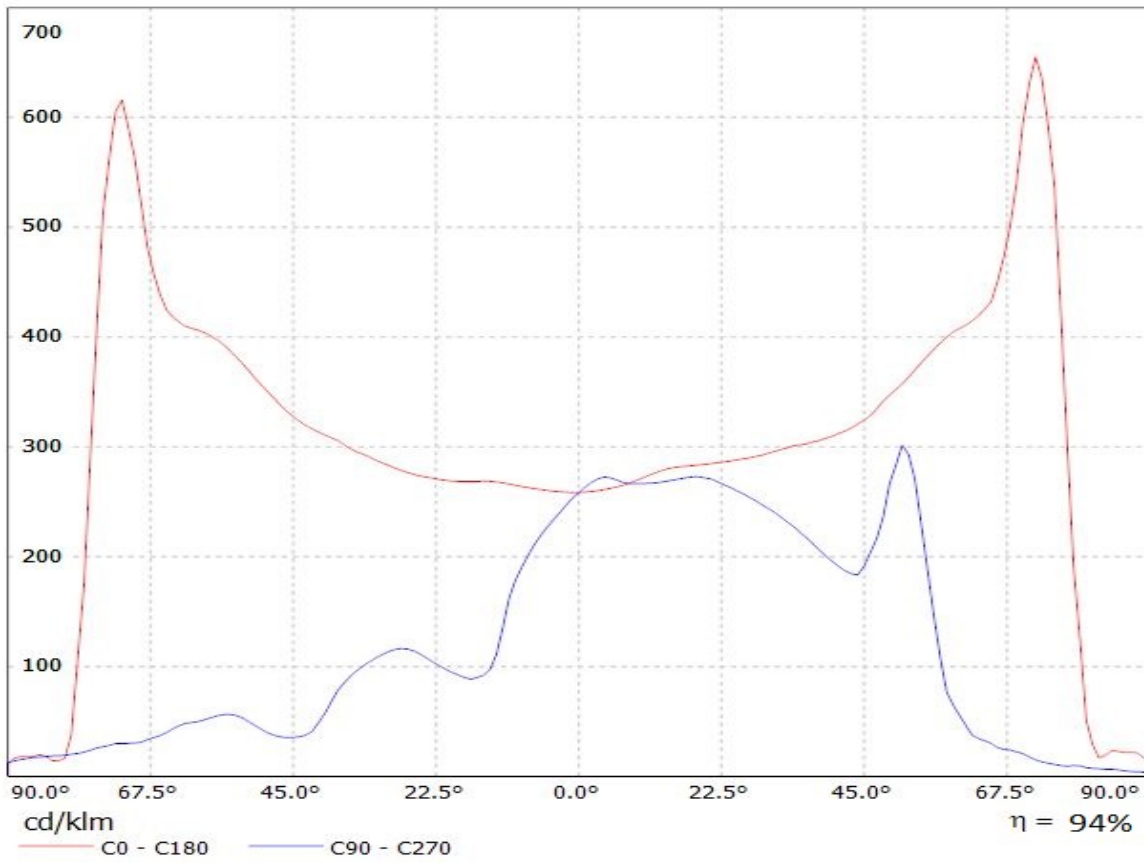
Lamps: 1 x Cree\_XHP35\_HD\_(XHP35A-0-2D0-D40-D0-B-01)\_1728.98lm@250mA\_P=11.3112W\_I=0.250A





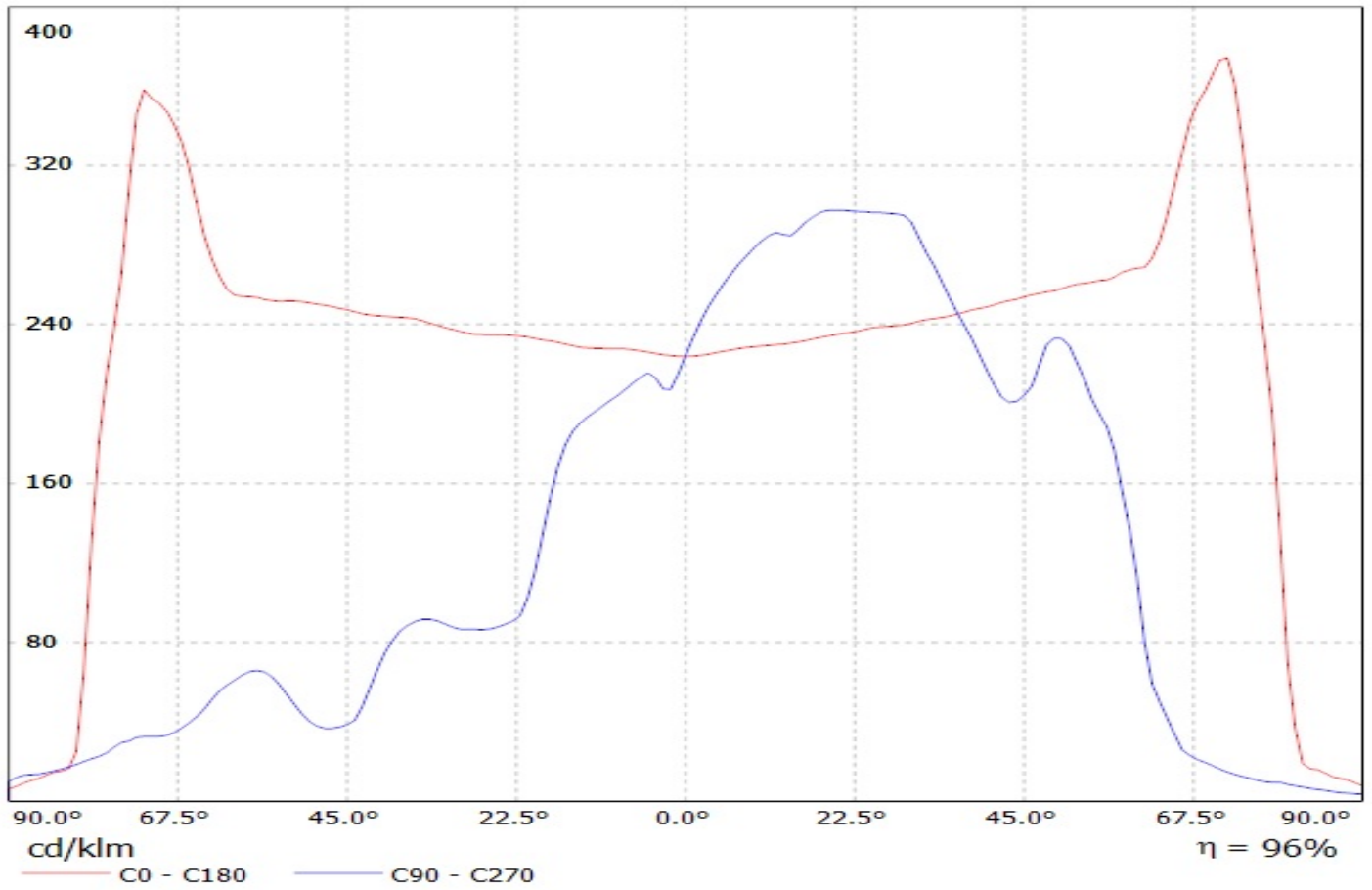
Luminaire: LEDiL Oy CS14632 STRADA-2X2MX-DWC (XHP35\_HI)

Lamps: 1 x Cree\_XHP35\_HI\_(XHP35A-H-5C0-D40-D0-B-01)\_1615.75lm@250mA\_CCT=4000K\_P=11.4373W\_I=0.250A



Luminaire: LEDiL Oy CS14632\_STRADA-2X2MX-DWC (Luxeon\_M)

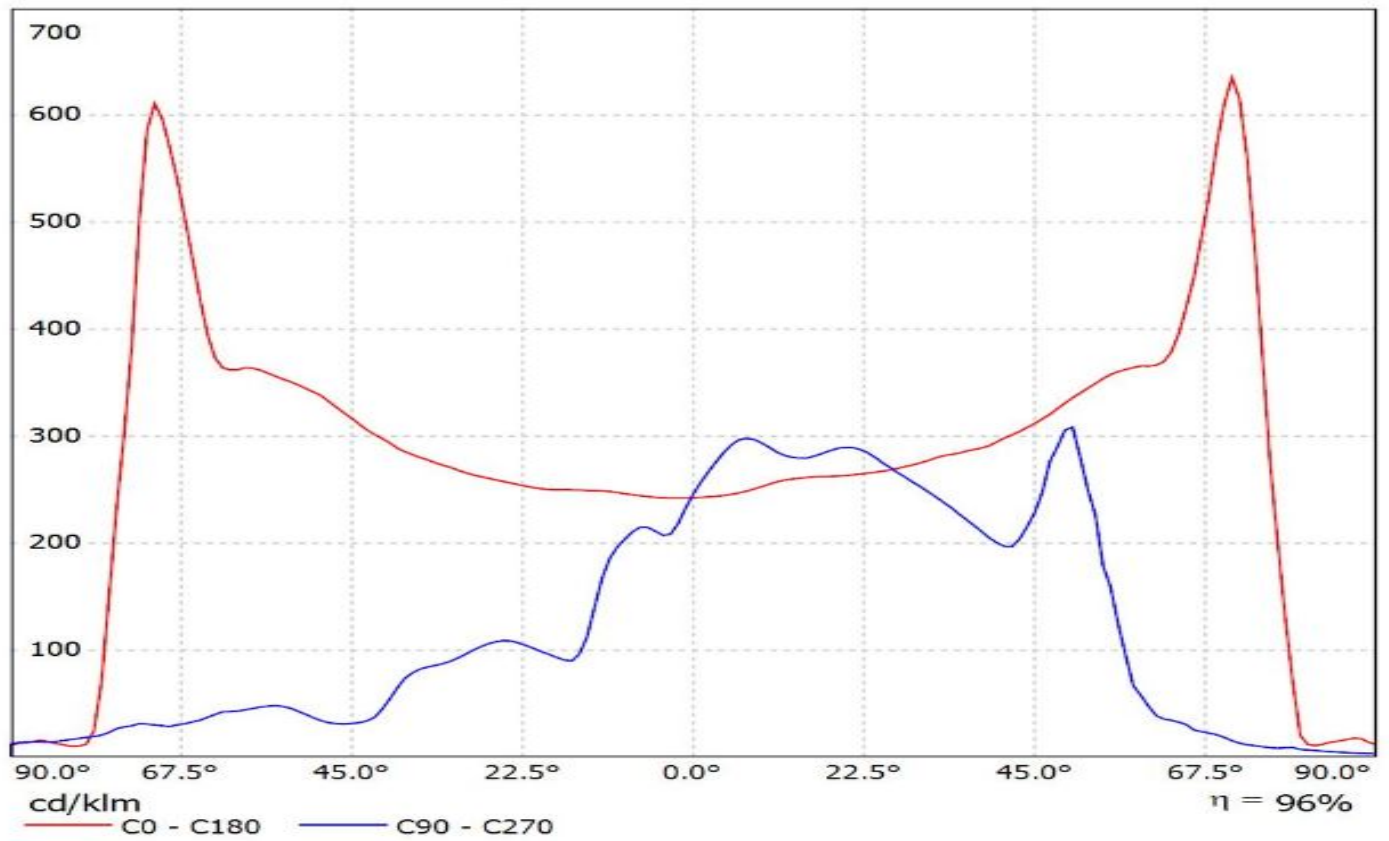
Lamps: 1 x Luxeon\_M\_(LXM8-SW30)\_(2x2MX)\_1410.8lm@250mA\_P=11.0012W\_I=0.2498A



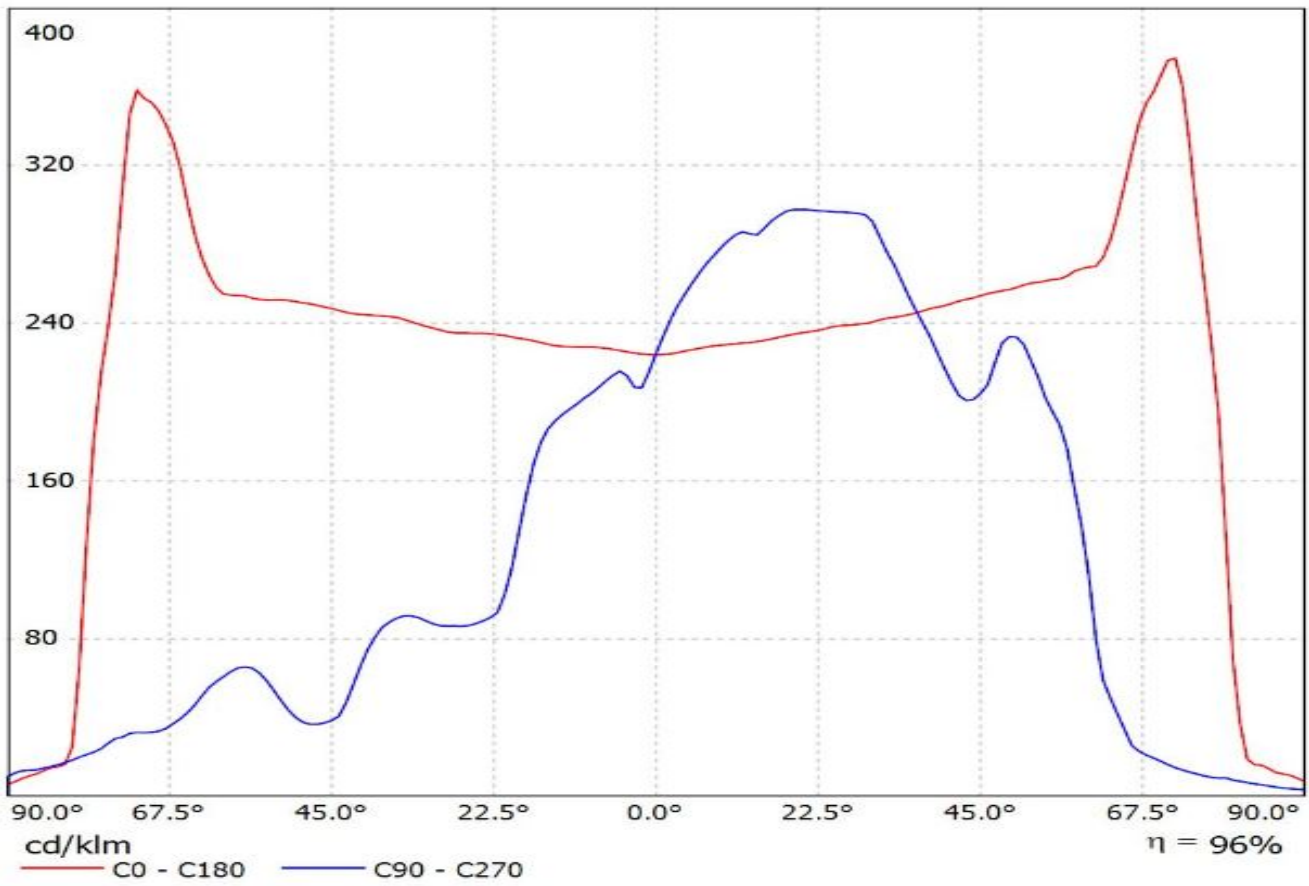
# Ledil CS14632\_Strada-2x2MX-DWC\_(Luxeon\_MZ) / LDC (Linear)

Luminaire: Ledil CS14632\_Strada-2x2MX-DWC\_(Luxeon\_MZ)

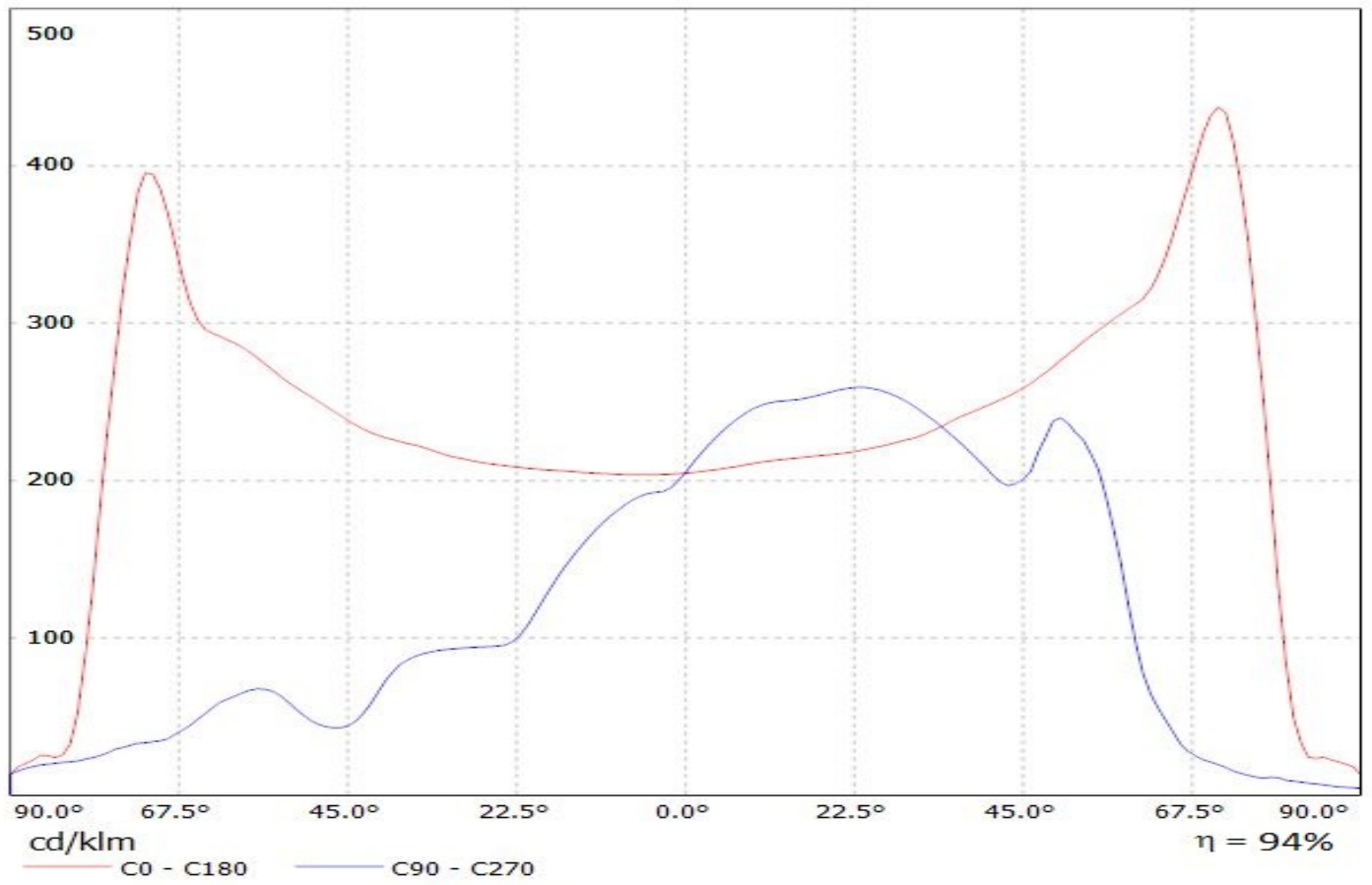
Lamps: 1 x Luxeon\_MZ-2x2MX\_(LMZ9-SW30)\_1123.93lm@250mA\_CCT=3000K\_P=10.967W\_I=0.25A



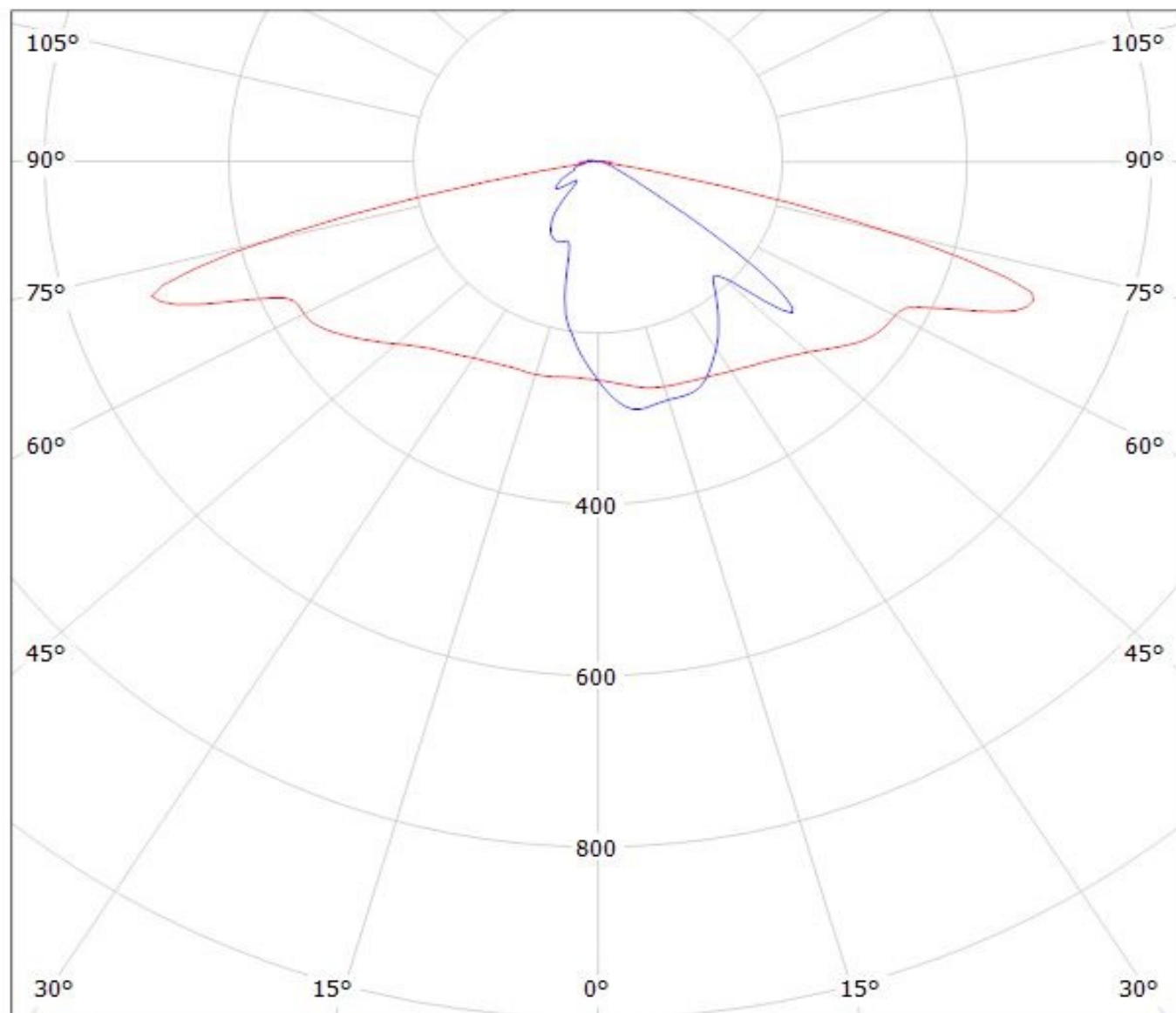
Luminaire: LEDiL Oy CS14632\_STRADA-2X2MX-DWC\_(L2M0-xxxx004MC2200)  
Lamps: 1 x Luxeon\_M\_(L2M0-xxxx004MC2200)\_1410.8lm@250mA\_P=11.0012W\_η=0.2498A



Luminaire: LEDiL Oy CS14632\_STRADA-2X2MX-DWC\_(NV4x144A)  
Lamps: 1 x Nichia\_NV4x144A\_1841.22lm@250mA\_P=10.9615W\_I=0.250A



Luminaire: LEDiL Oy CS14632\_STRADA-2X2MX-DWC\_(PSL440)\_GS  
Lamps: 1 x Citizen\_PSL440\_1034.87lm@250mA\_P=11.3823W\_I=0.250A

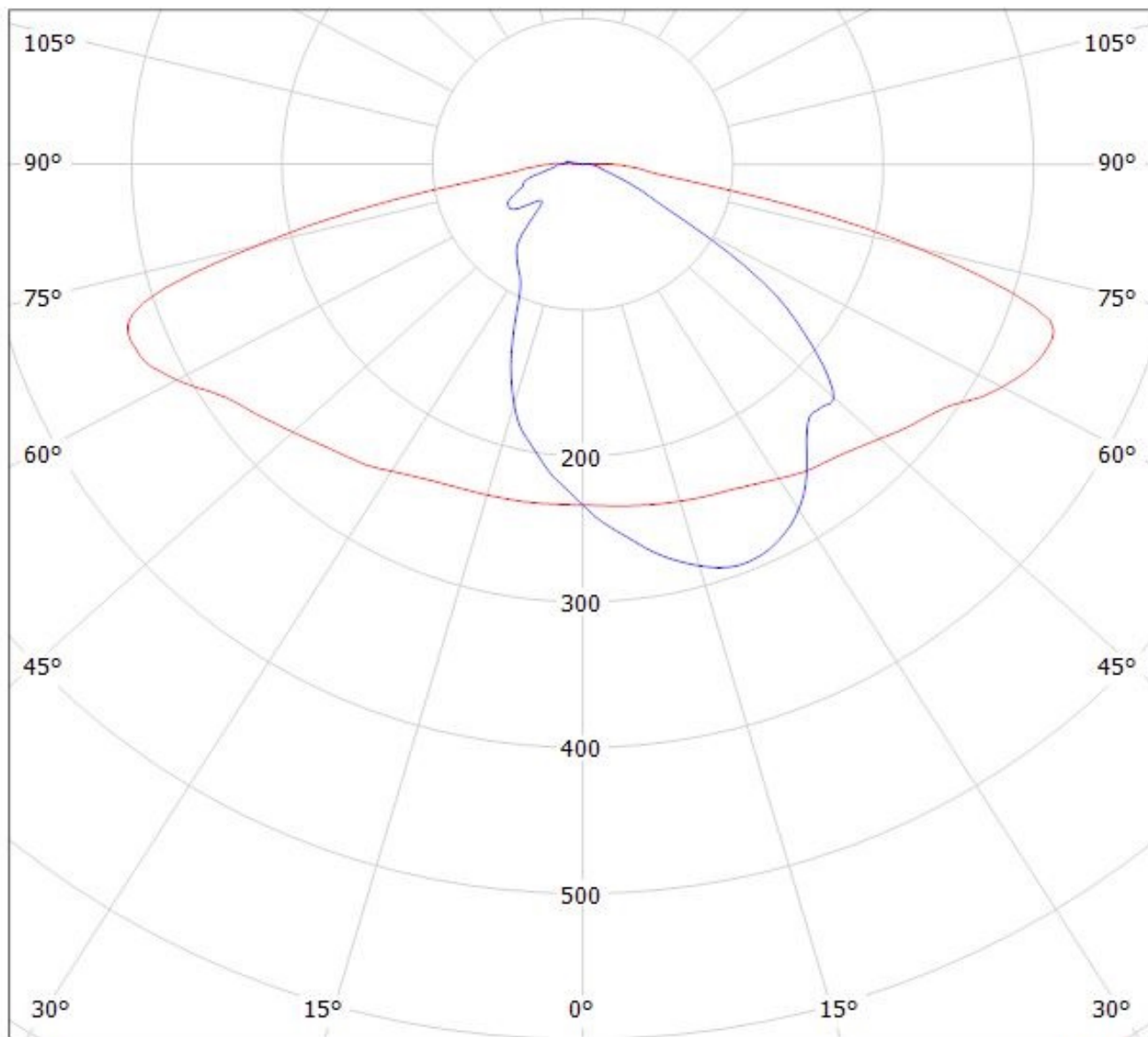


cd/klm

— C0 - C180    — C90 - C270

$\eta = 94\%$

Luminaire: LEDiL Oy CS14632\_STRADA-2X2MX-DWC\_(PSL445)  
Lamps: 1 x Citizen\_PSL445\_2x2\_1674.9lm@250mA\_P=11.1421W\_I=0.250A\_CCT=2700K



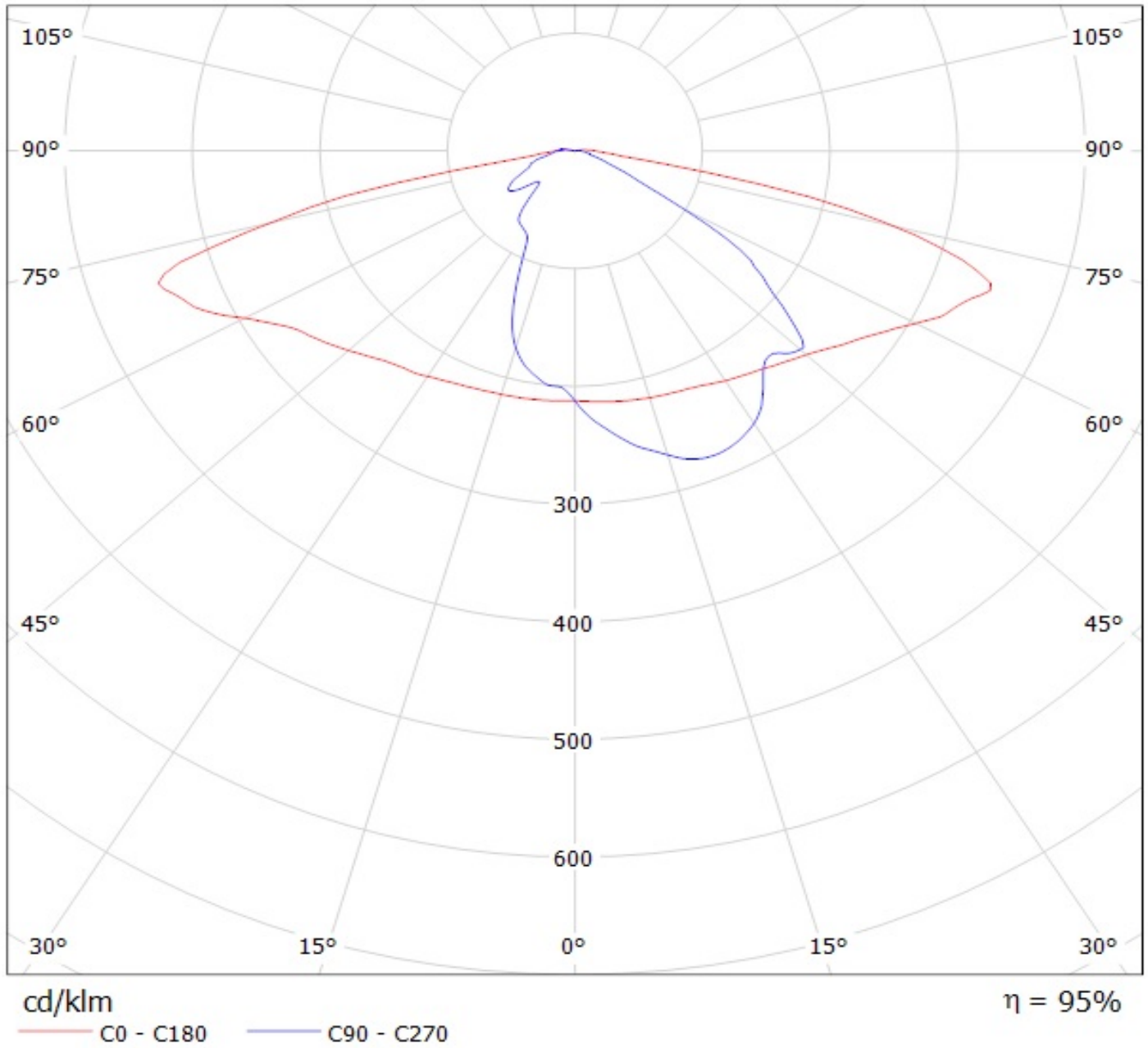
cd/klm

— C0 - C180    — C90 - C270

$\eta = 94\%$

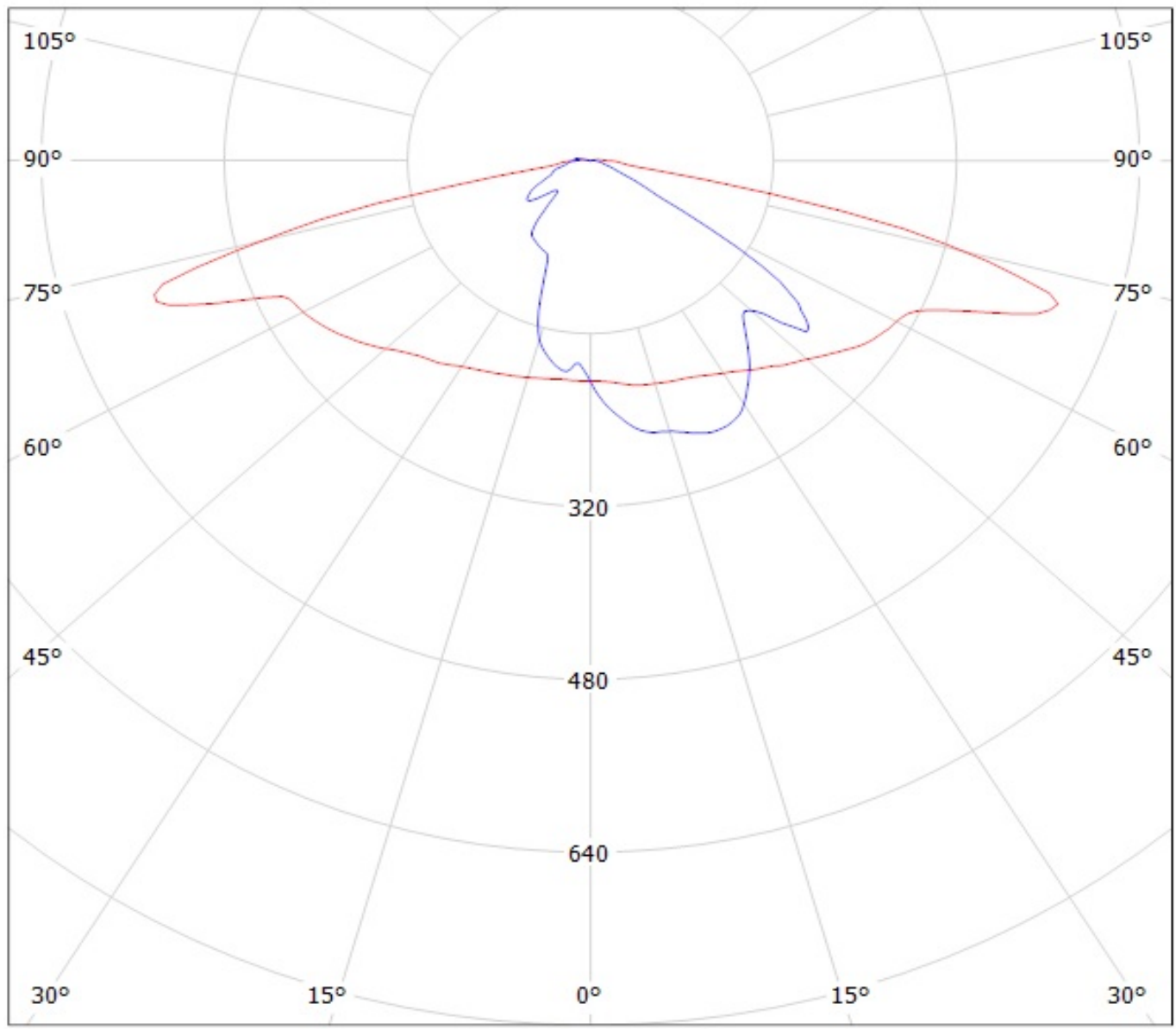


Luminaire: LEDiL Oy CS14632\_STRADA-2X2MX-DWC\_(XHP70)  
Lamps: 1 x Cree\_XHP70\_(2x2MX)\_1466.89lm@250mA\_P=10.9332W\_I=0.2498A



Luminaire: LEDiL Oy CS14632\_STRADA-2X2MX-DWC\_(XHP50)

Lamps: 1 x Cree\_XHP50\_(XHP50-0-1B0-J20-D0-B-01)\_(2x2MX)\_1832.8lm@250mA\_P=11.3379W\_I=0.2498A



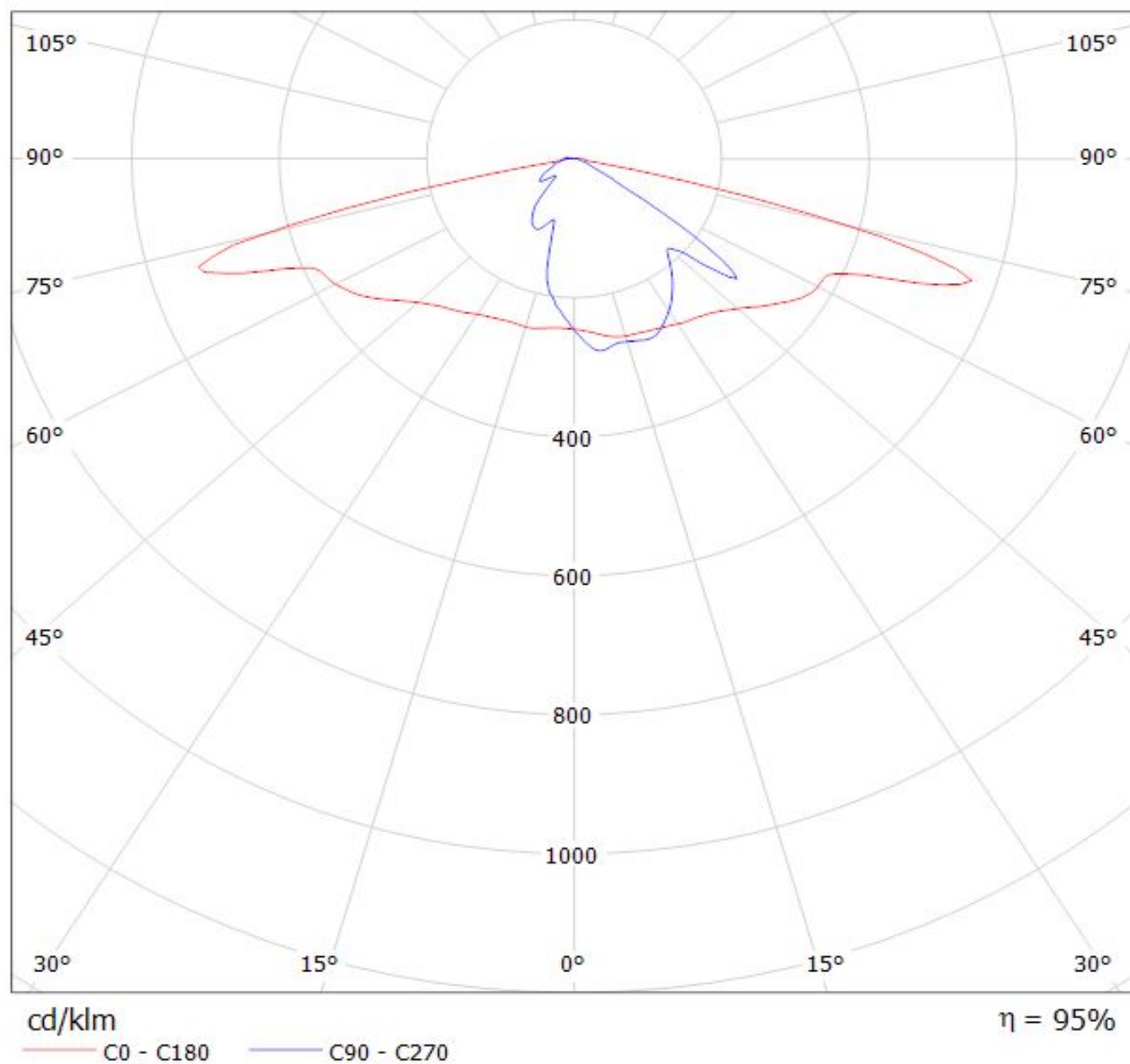
cd/klm

— C0 - C180    — C90 - C270

$\eta = 95\%$

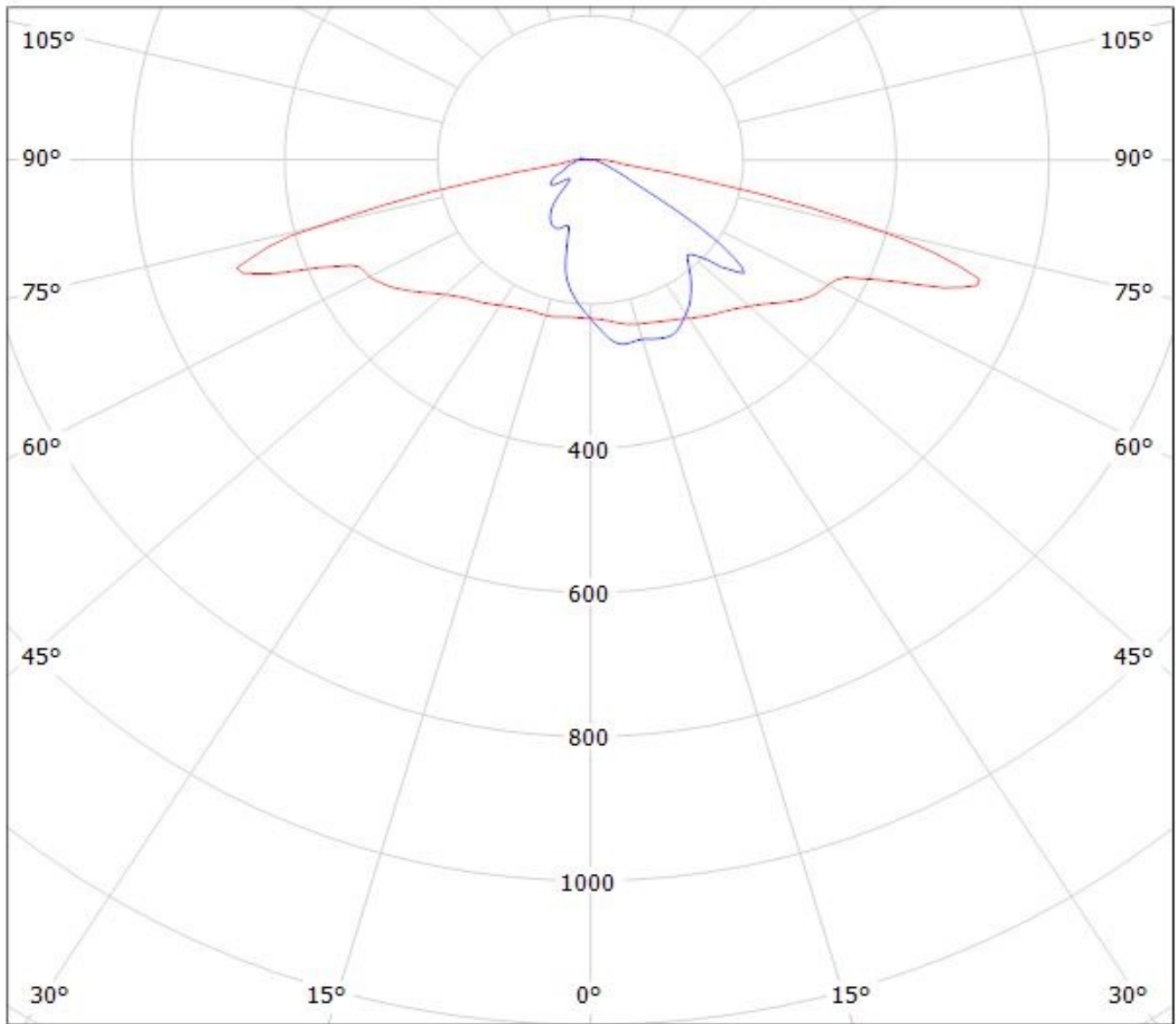
Luminaire: LEDiL Oy CS14632\_STRADA-2X2MX-DWC\_(XM-L-2x2MX)

Lamps: 1 x Cree\_XM-L-2x2MX\_(XMLAWT-0-5A3-T50-0L-0001)\_376.168lm@250mA\_P=2.76364W\_η=0.250A



Luminaire: LEDiL Oy CS14632\_STRADA-2X2MX-DWC\_(XHP35\_HD)

Lamps: 1 x Cree\_XHP35\_HD\_(XHP35A-0-2D0-D40-D0-B-01)\_1728.98lm@250mA\_P=11.3112W\_I=0.250A



cd/klm

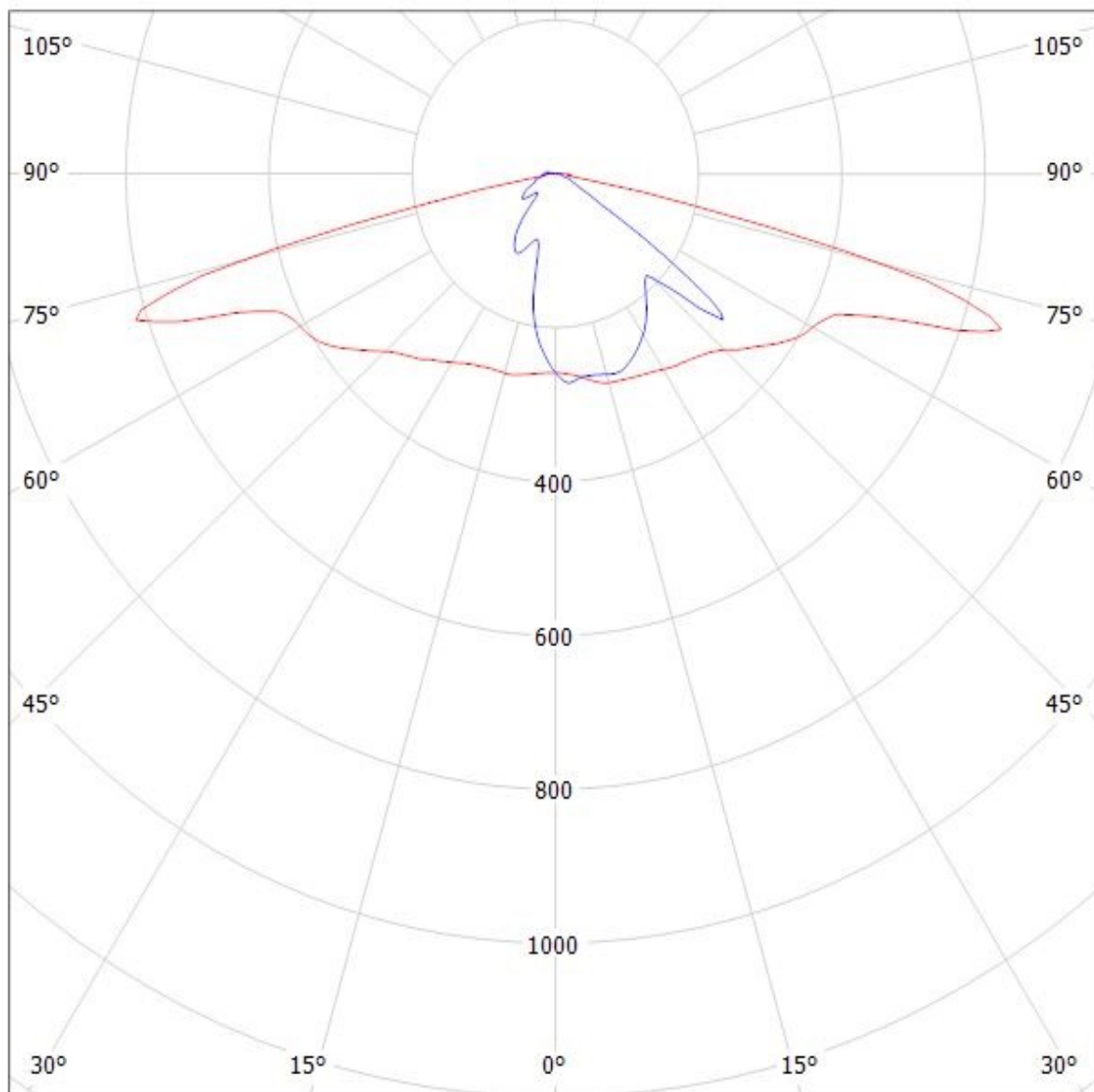
$\eta = 94\%$

— C0 - C180

— C90 - C270

Luminaire: LEDiL Oy CS14632\_STRADA-2X2MX-DWC\_(XHP35\_HI)

Lamps: 1 x Cree\_XHP35\_HI\_(XHP35A-H-5C0-D40-D0-B-01)\_1615.75lm@250mA\_CCT=4000K\_P=11.4373W\_I=0.250A



cd/klm

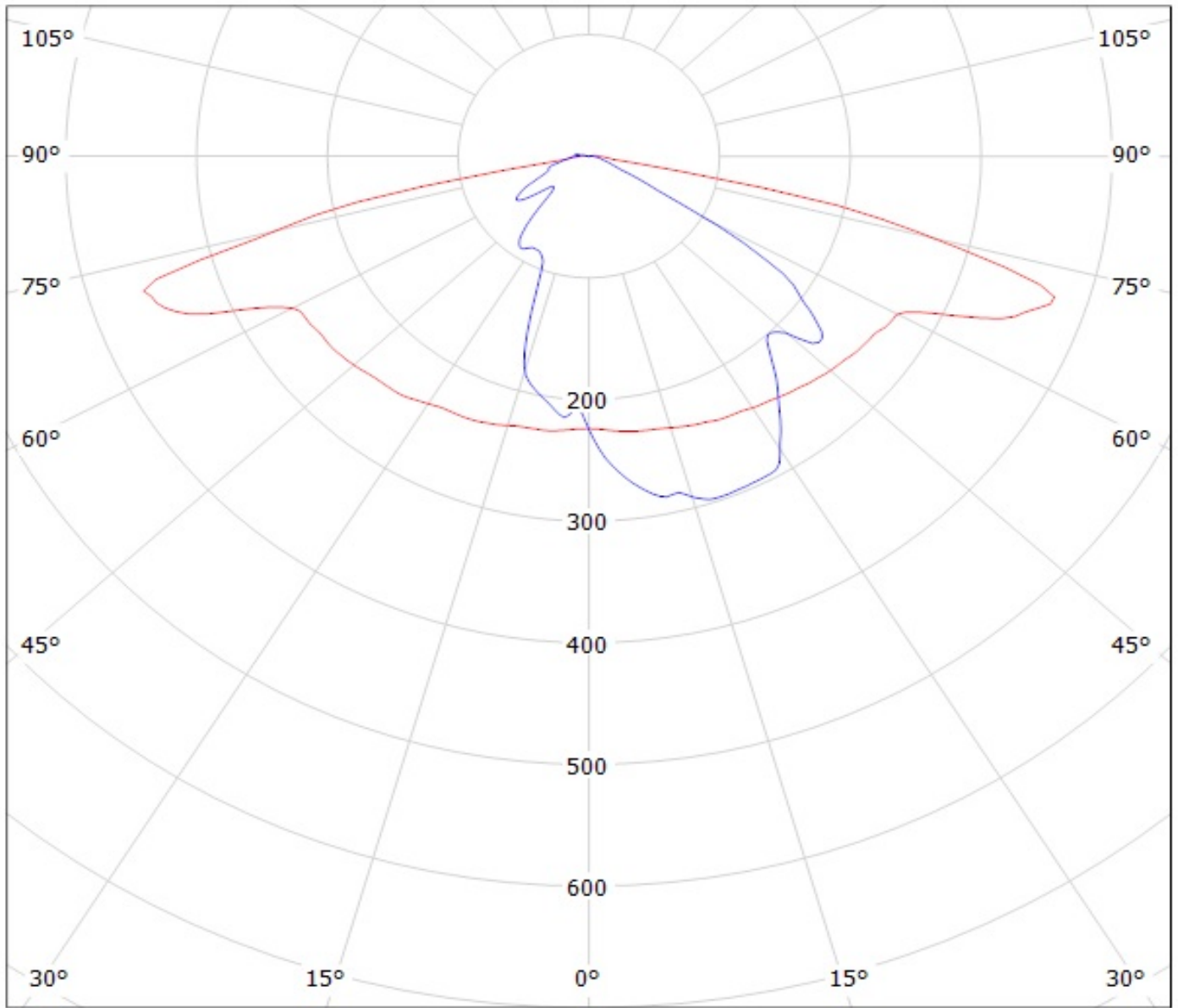
— C0 - C180

— C90 - C270

$\eta = 94\%$

Luminaire: LEDiL Oy CS14632\_STRADA-2X2MX-DWC\_(Luxeon\_M)

Lamps: 1 x Luxeon\_M\_(LXM8-SW30)\_(2x2MX)\_1410.8lm@250mA\_P=11.0012W\_I=0.2498A



cd/klm

— C0 - C180

— C90 - C270

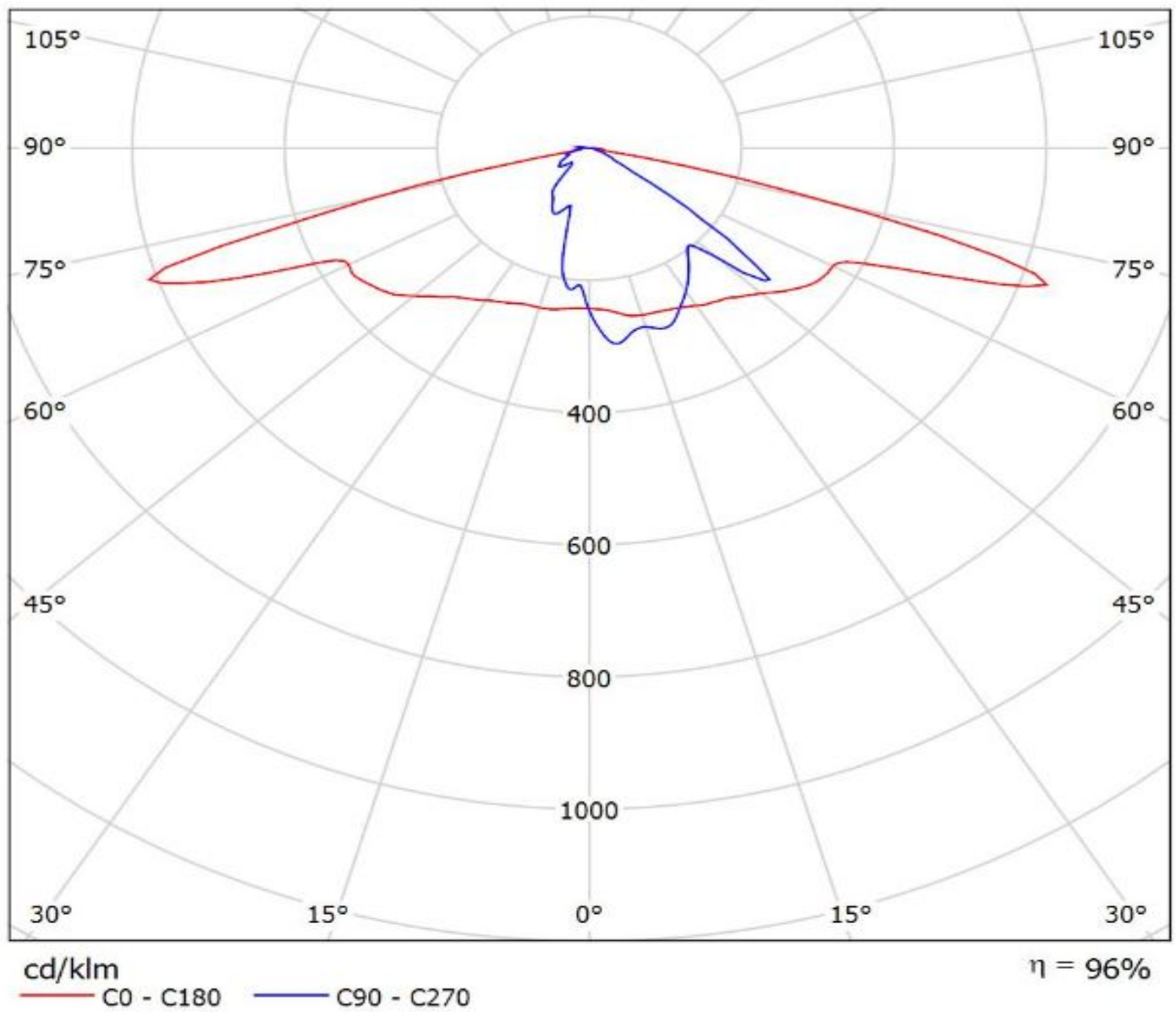
$\eta = 96\%$



# Ledil CS14632\_Strada-2x2MX-DWC\_(Luxeon\_MZ) / LDC (Polar)

Luminaire: Ledil CS14632\_Strada-2x2MX-DWC\_(Luxeon\_MZ)

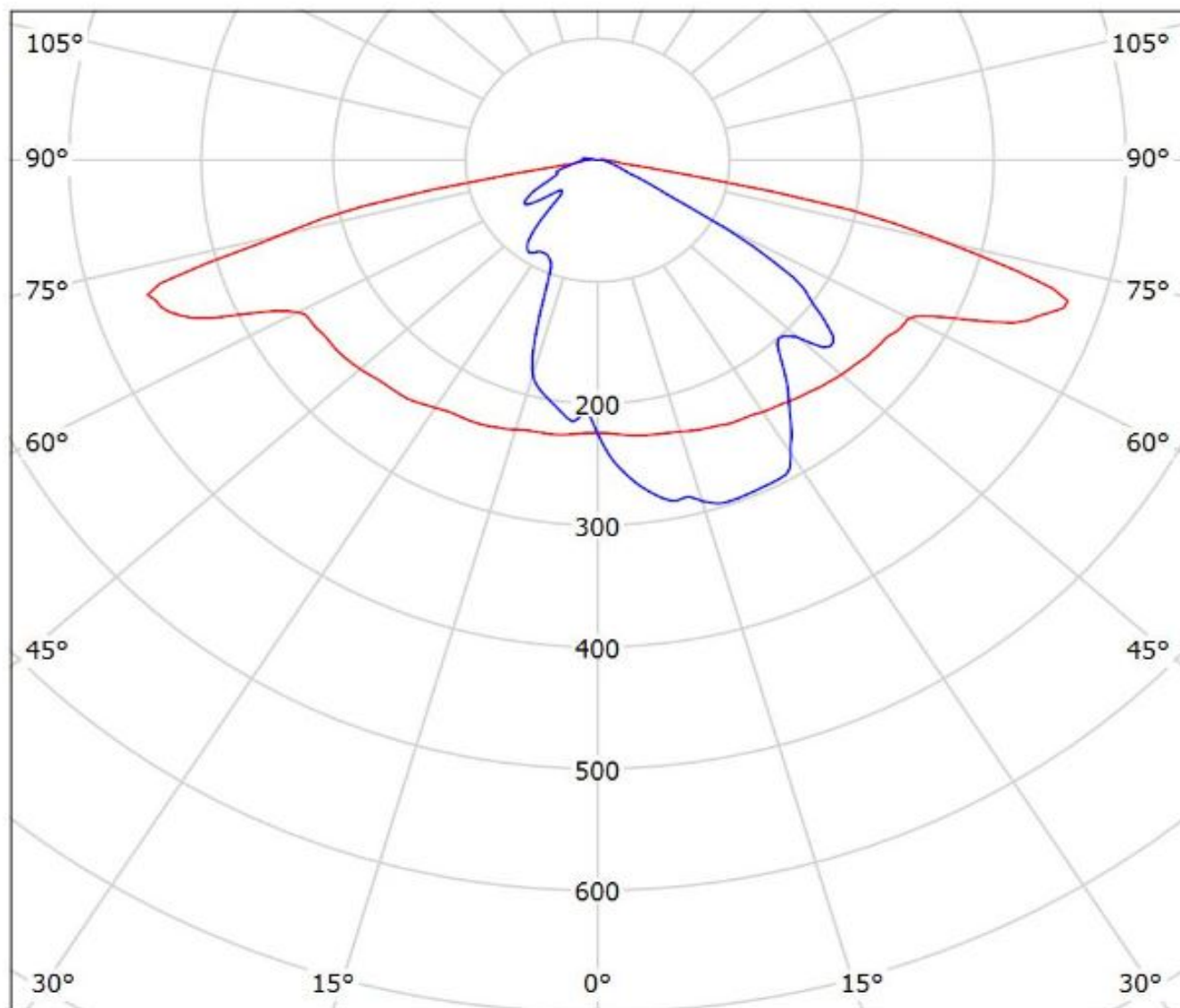
Lamps: 1 x Luxeon\_MZ-2x2MX\_(LMZ9-SW30)\_1123.93lm@250mA\_CCT=3000K\_P=10.967W\_I=0.25A





Luminaire: LEDiL Oy CS14632\_STRADA-2X2MX-DWC\_(L2M0-xxxx004MC2200)

Lamps: 1 x Luxeon\_M\_(L2M0-xxxx004MC2200)\_1410.8lm@250mA\_P=11.0012W\_I=0.2498A



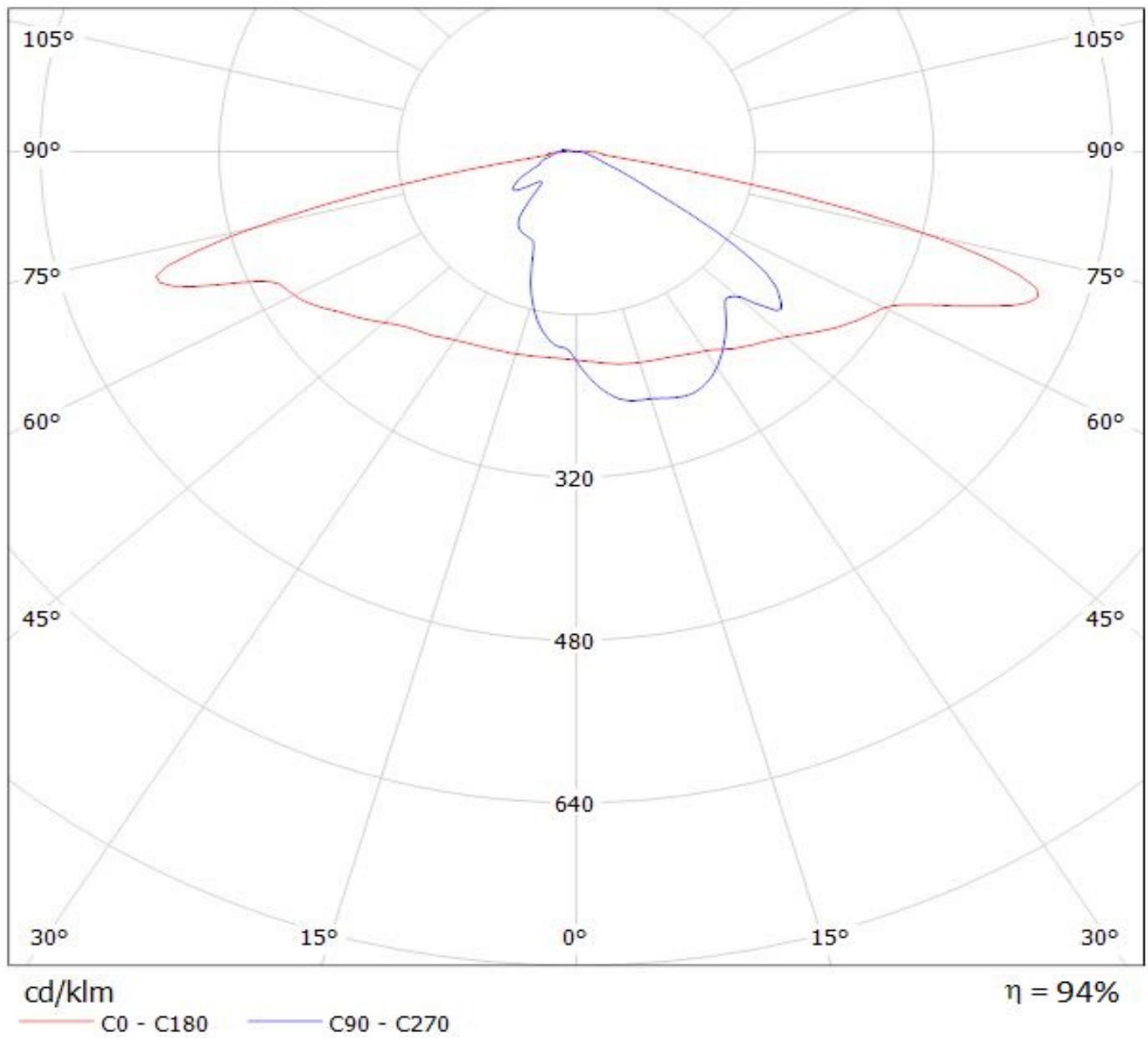
cd/klm

— C0 - C180

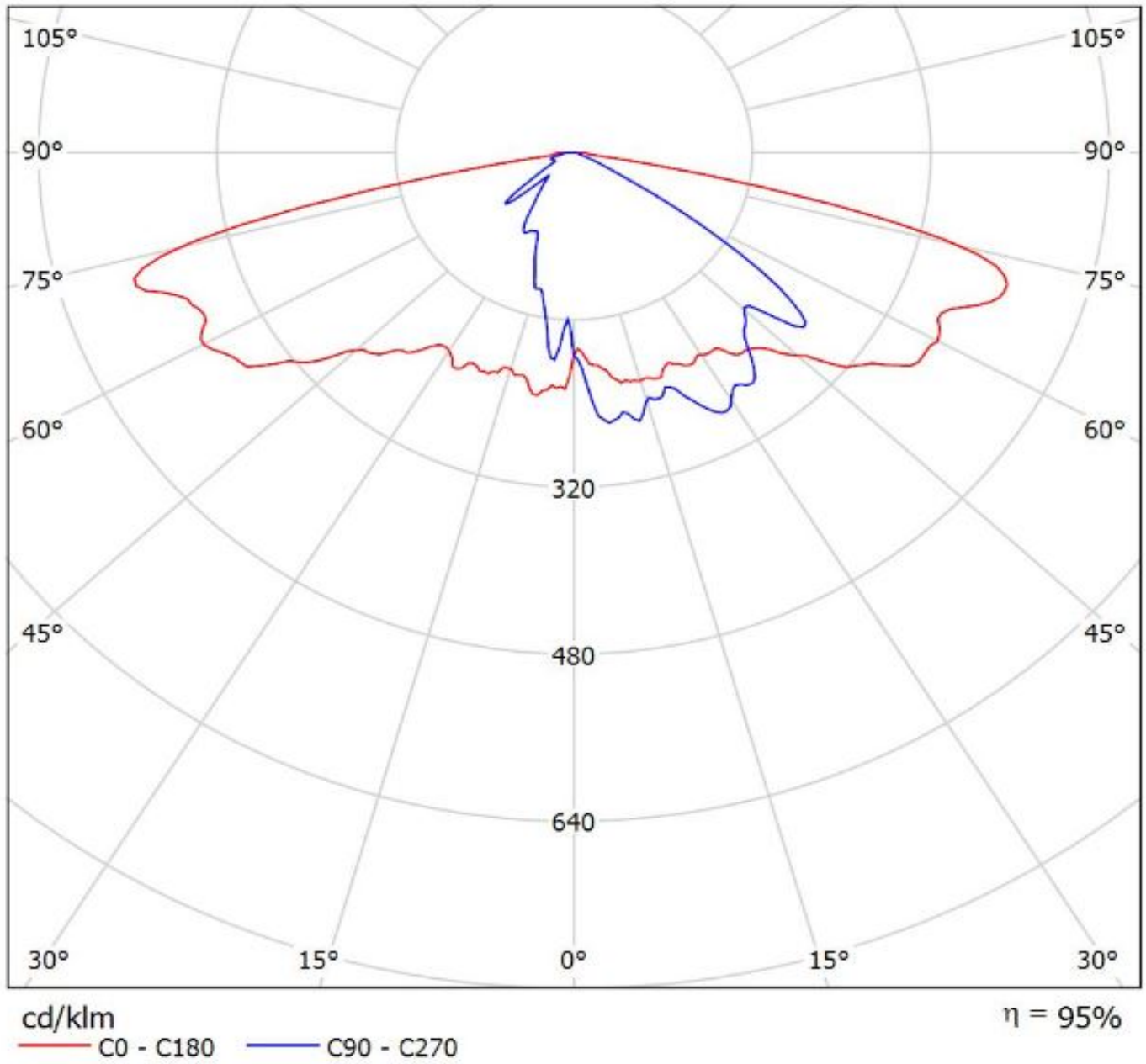
— C90 - C270

$\eta = 96\%$

Luminaire: LEDiL Oy CS14632\_STRADA-2X2MX-DWC\_(NV4x144A)  
Lamps: 1 x Nichia\_NV4x144A\_1841.22lm@250mA\_P=10.9615W\_η=0.250A



Luminaire: Ledil Oy CS14632\_STRADA-2X2MX-DWC\_NFMW488AR\_SIMULATED  
Lamps: 1 x NICHIA NFMW488AR



**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.**