

## DETAILS

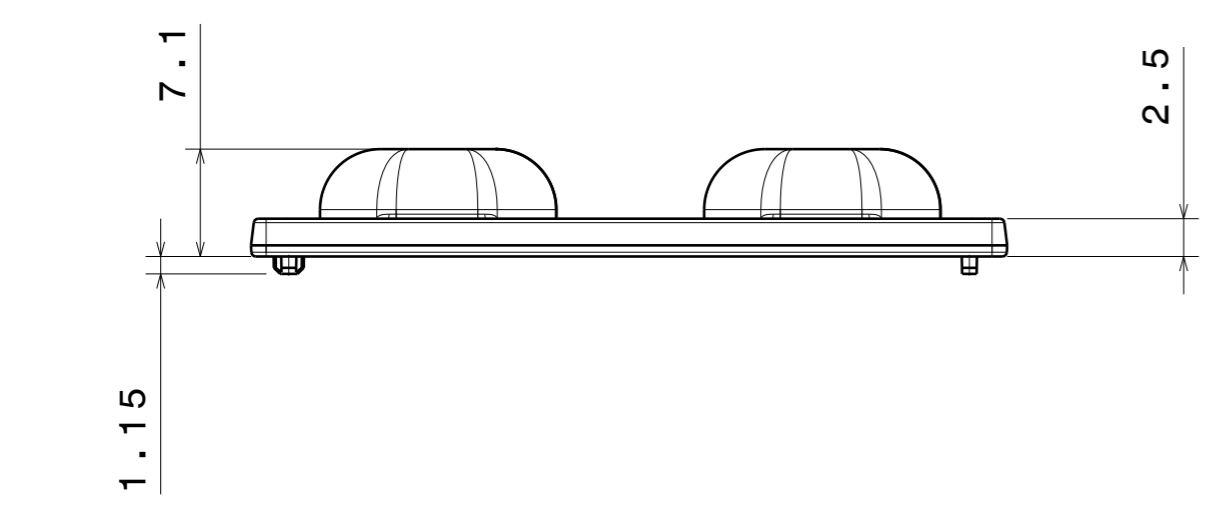
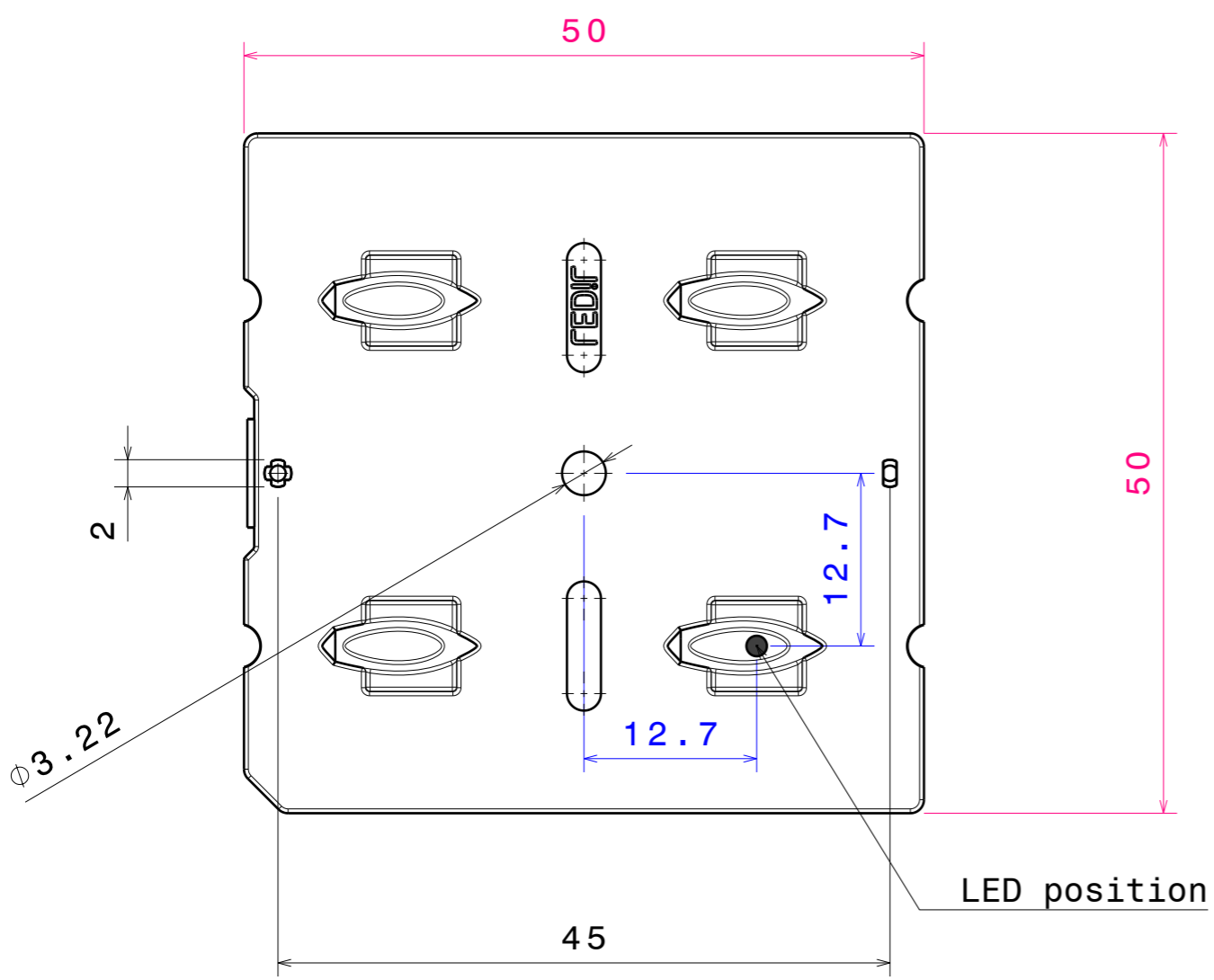
<b>Product Number</b>	C13858_STRADA-2X2-XW
<b>Family</b>	Strada-Module
<b>Type</b>	Lens
<b>Color</b>	clear
<b>Diameter</b>	50x50 mm
<b>Height</b>	7,1 mm
<b>Style</b>	rectang
<b>Optic Material</b>	PMMA
<b>Holder Material</b>	
<b>Fastening</b>	screw, pin, glue
<b>Status</b>	ready
<b>ROHS Compliant</b>	Yes
<b>Date Updated</b>	12/01/2015



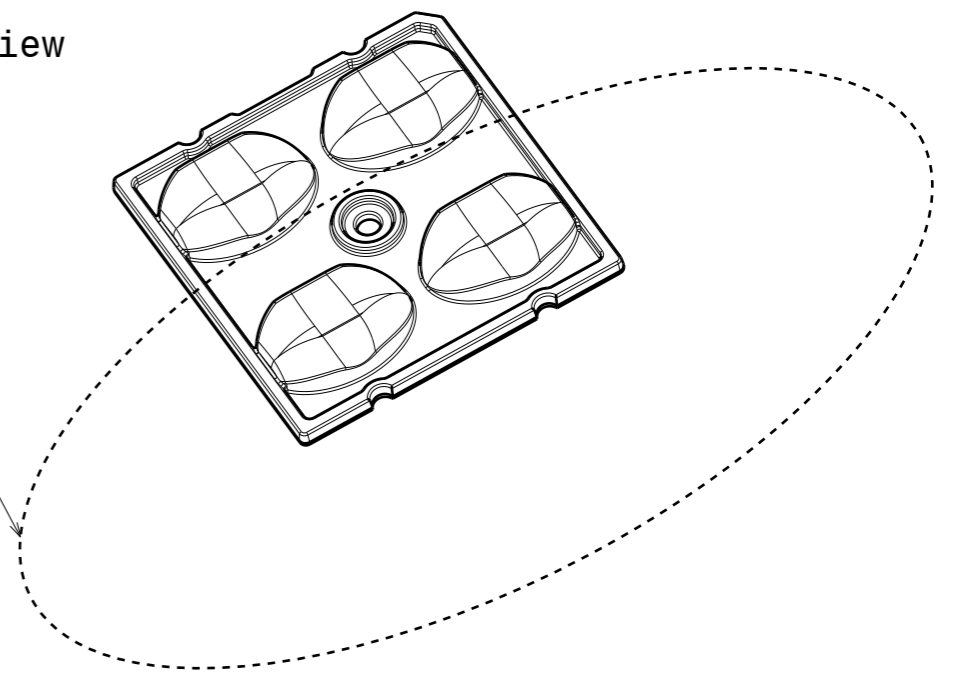
## OPTICAL PROPERTIES

LED	Viewing Angle	Light Beam	Efficiency	cd/lm	Connector
NVSxx19B/NVSxx19C	Asymmetric deg	Wide-Area...	93 %	0.800	-
LUXEON T	Asymmetric deg	Wide-Area...	94 %	0.930	-
Oslon Square PC	Asymmetric deg	Wide-Area...	94 %	0.870	-
LUXEON TX	Asymmetric deg	Wide-Area...	94 %	1.000	-
Z5M1/Z5M2	asymmetric deg	Wide-Area...	94 %	1.000	-
XB-H	Asymmetric deg	Wide-Area...	94 %	0.870	-
XP-E	Asymmetric deg	Wide-Area...	94 %	1.110	-
XT-E	Asym deg	Wide-Area...	93 %	0.850	-
TL1L4	Asymmetric deg	Wide-Area...	90 %	0.880	-
LUXEON MZ	Asymmetric deg	Wide-Area...	94 %	0.740	-
Oslon Square Gen3	sim: Asymmetric	Wide-Area...	sim: 86 %	sim: 0.850	-
Duris S8	sim: Asymmetric	Wide-Area...	sim: 87 %	sim: 0.520	-

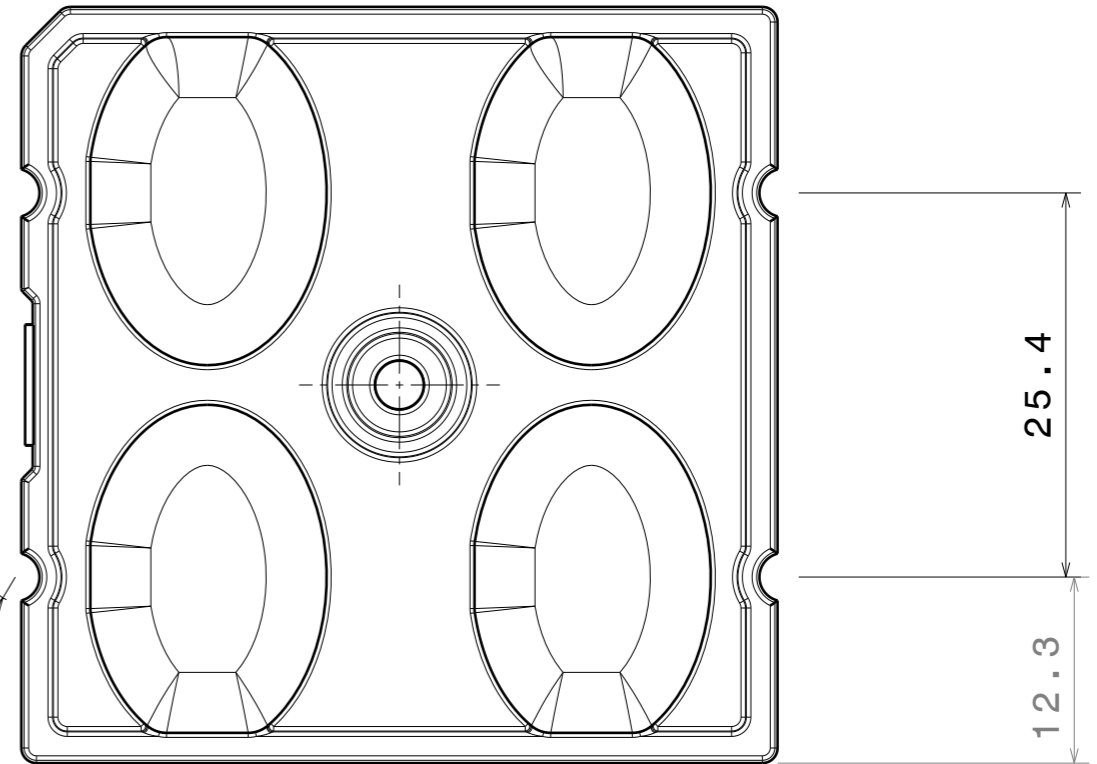
H G F E D C B A



Isometric view



Beam direction



R1.6

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  
**Datasheet STRADA\_2X2\_XW**

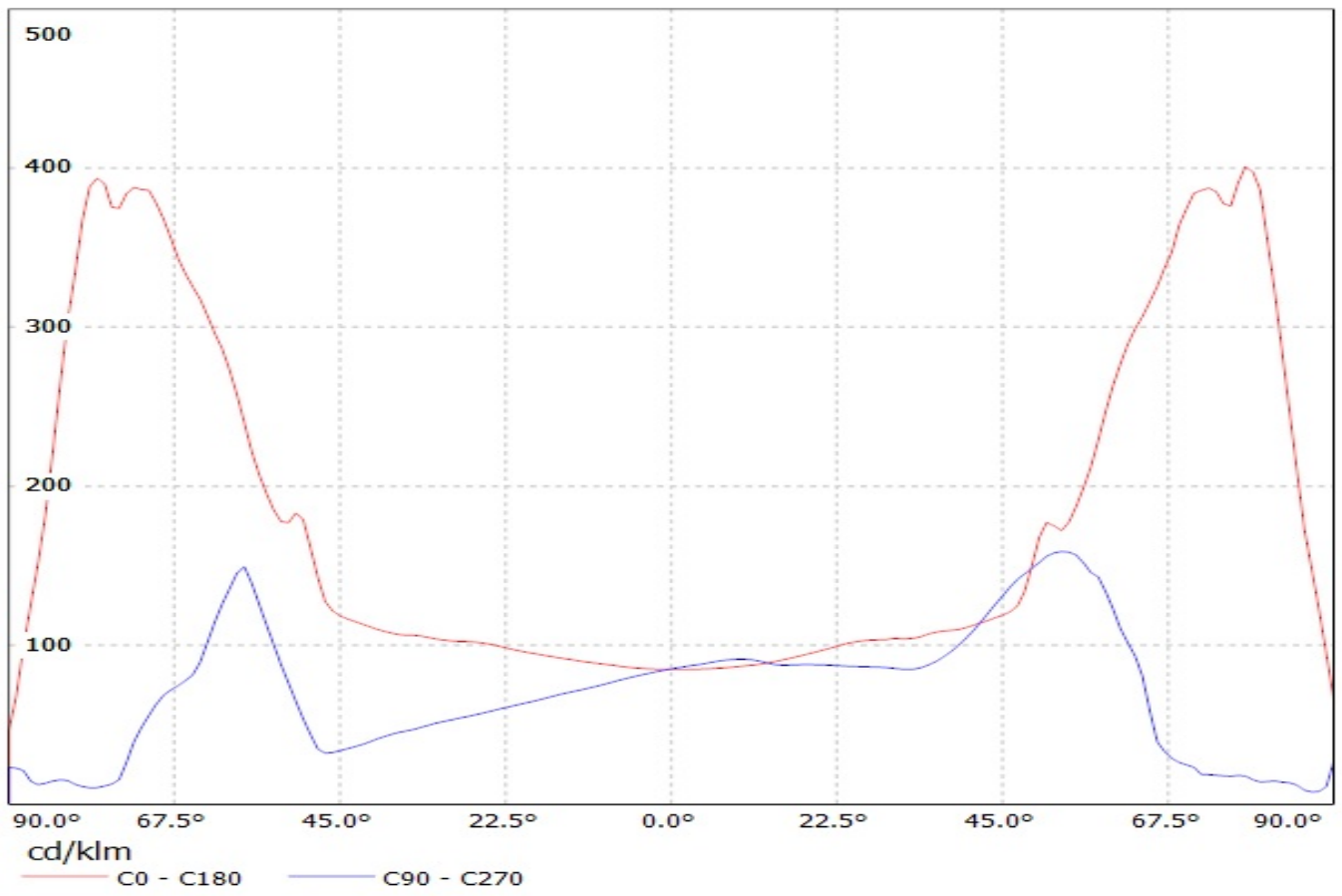
This drawing is the property of LEDiL Oy. It may not be reproduced, copied or communicated without a written agreement with LEDiL Oy."

SIZE	PART NUMBER		
A3	-		

SCALE	2:1	WEIGHT (g)		SHEET	1/1
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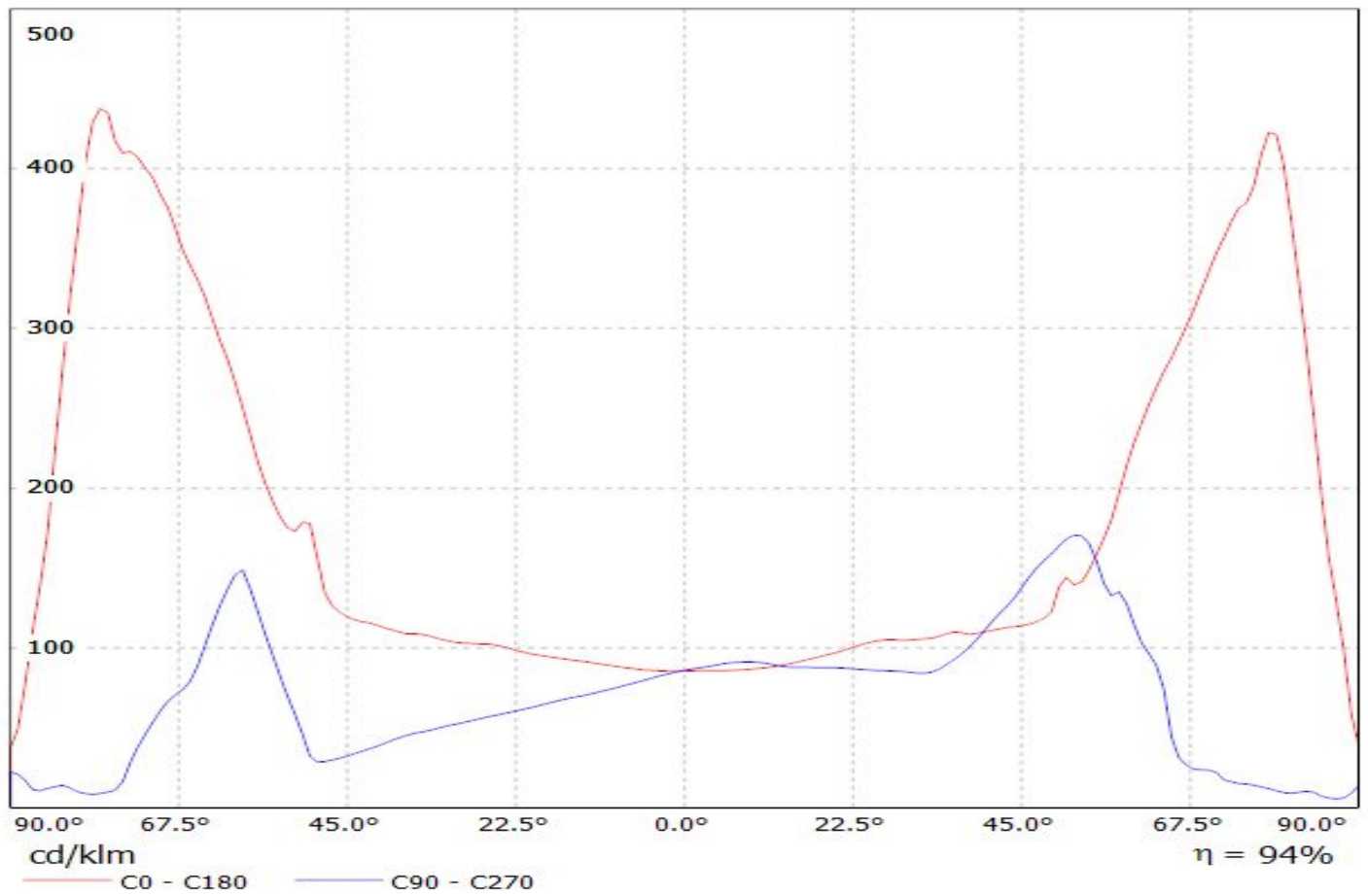
H G B A

Luminaire: LEDiL Oy C13858\_STRADA-2X2-XW\_(NVS19B)\_3 Eff.93.4%  
Lamps: 1 x NICHA\_NVSL219BE)\_308.045lm@250mA\_P=2.8781W\_I=249.9mA



Luminaire: LEDiL Oy C13858\_STRADA-2X2-XW\_(Luxeon\_T) Eff.94.0%

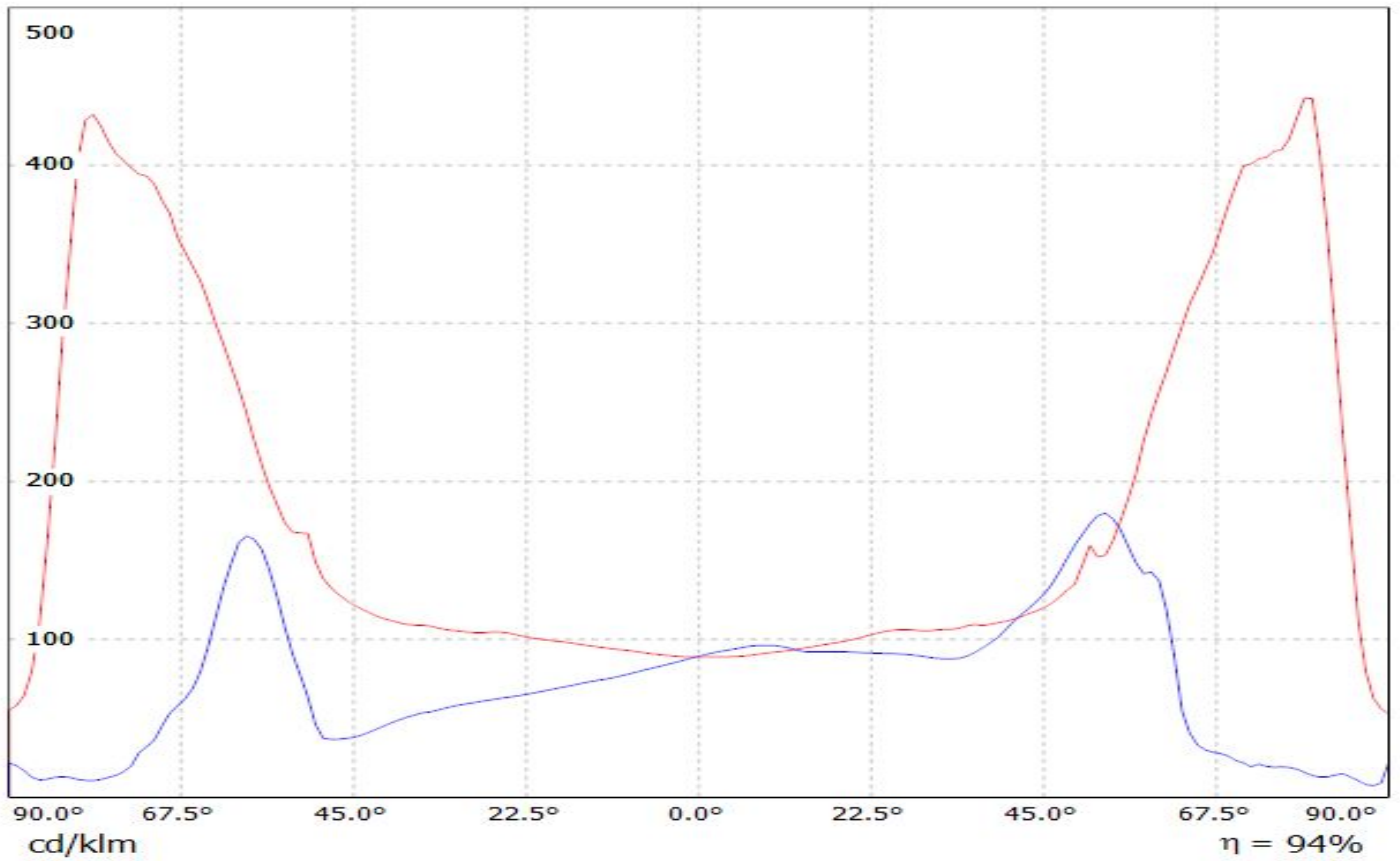
Lamps: 1 x Luxeon\_T\_2x2\_(LXH8-FW30-3)\_291.9lm@250mA\_P=2.80338W\_CCT=3173K\_I=249.9mA



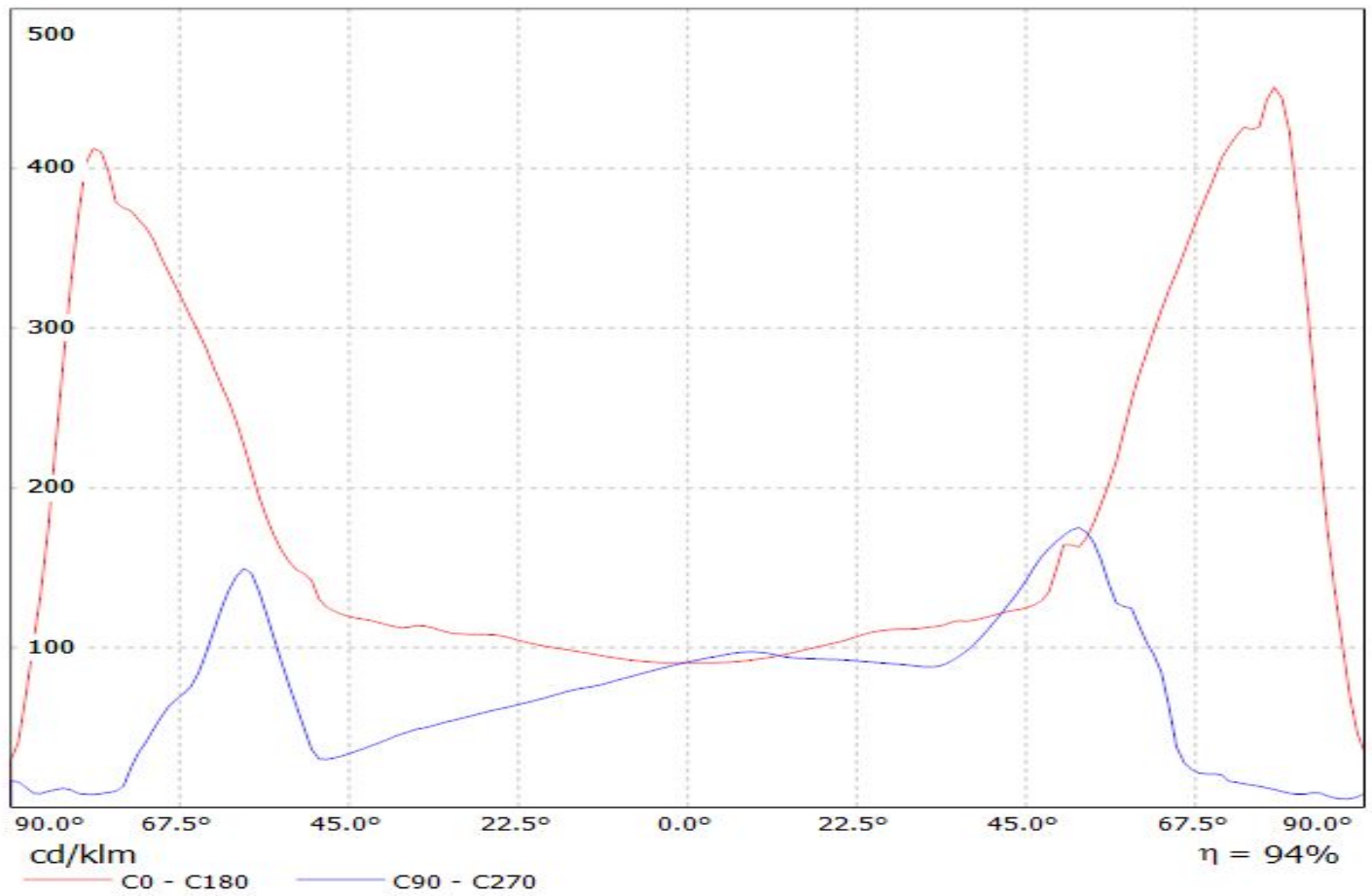
# LEDiL Oy C13858\_STRADA\_2x2\_XW Eff.93.6% / LDC (Linear)

Luminaire: LEDiL Oy C13858\_STRADA\_2x2\_XW Eff.93.6%

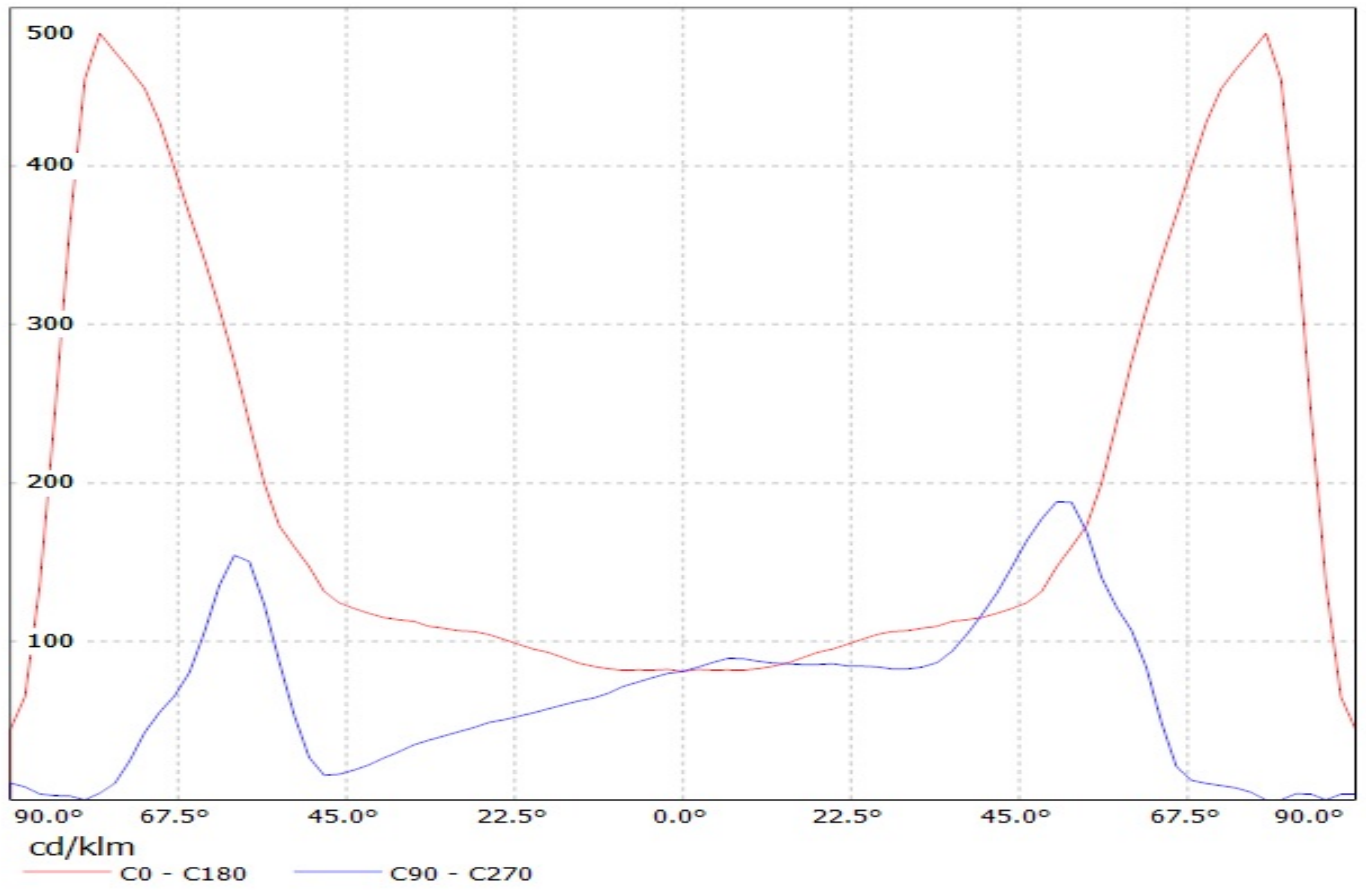
Lamps: 1 x SQ-PC\_2x2\_(LCW-CQAR.PC-MSMU-5H71-1)\_389.046lm@250mA\_P=2.96831W\_I=249.9mA



Luminaire: LEDiL Oy C13858\_STRADA-2X2-XW\_(Luxeon\_TX) Eff.94.0%  
Lamps: 1 x Luxeon\_TX\_2x2\_326.55lm@250mA\_P=2.79263W\_I=249.9mA

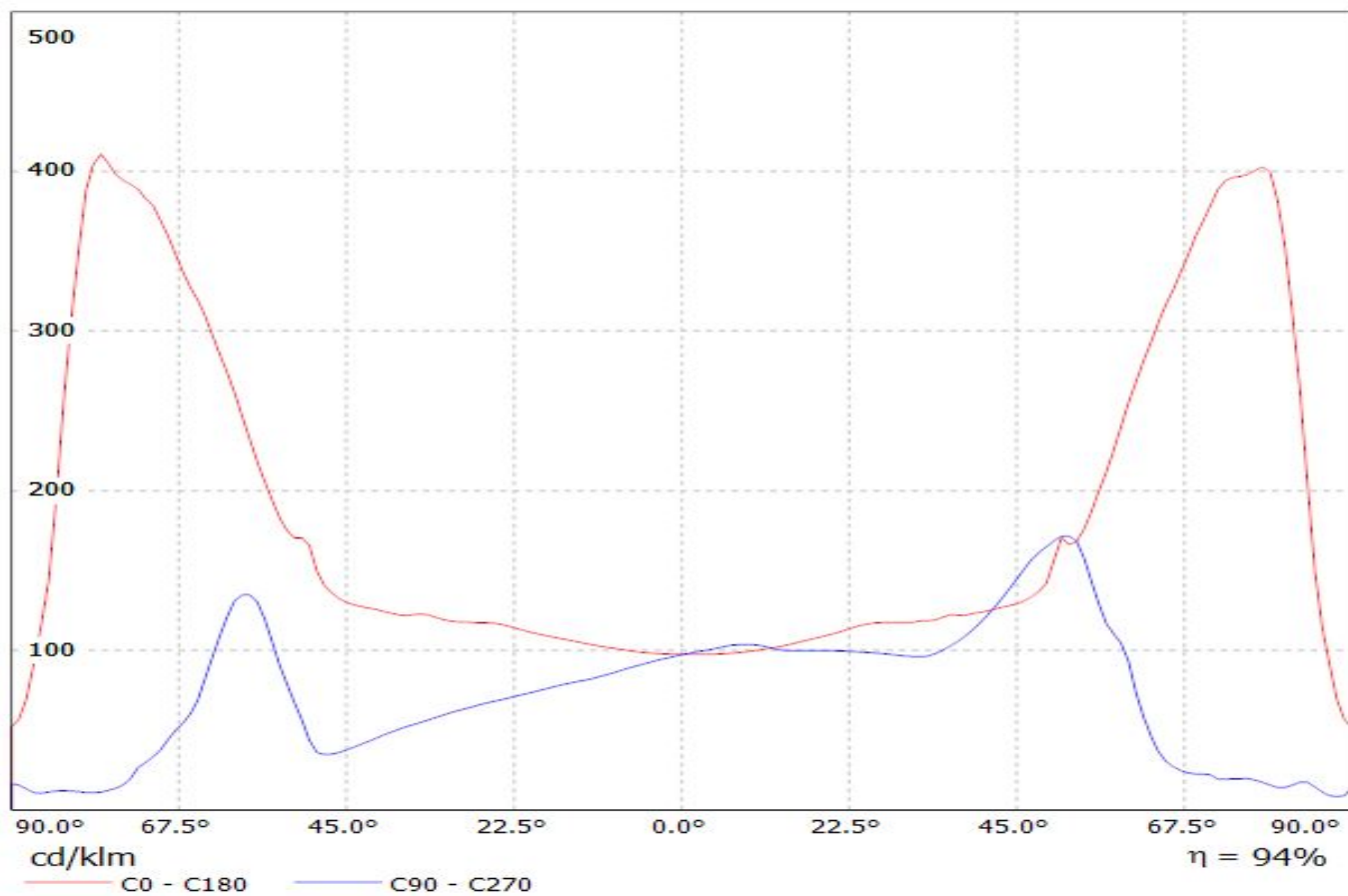


Luminaire: LEDil Oy C13858\_STRADA-2X2-XW\_(Z5M1) Efficiency=94%  
Lamps: 1 x Seoul Z5M1 (SZ5-M1-WN-C8) 379lm @ 250mA CCT=4600K P=2.9W I=250mA



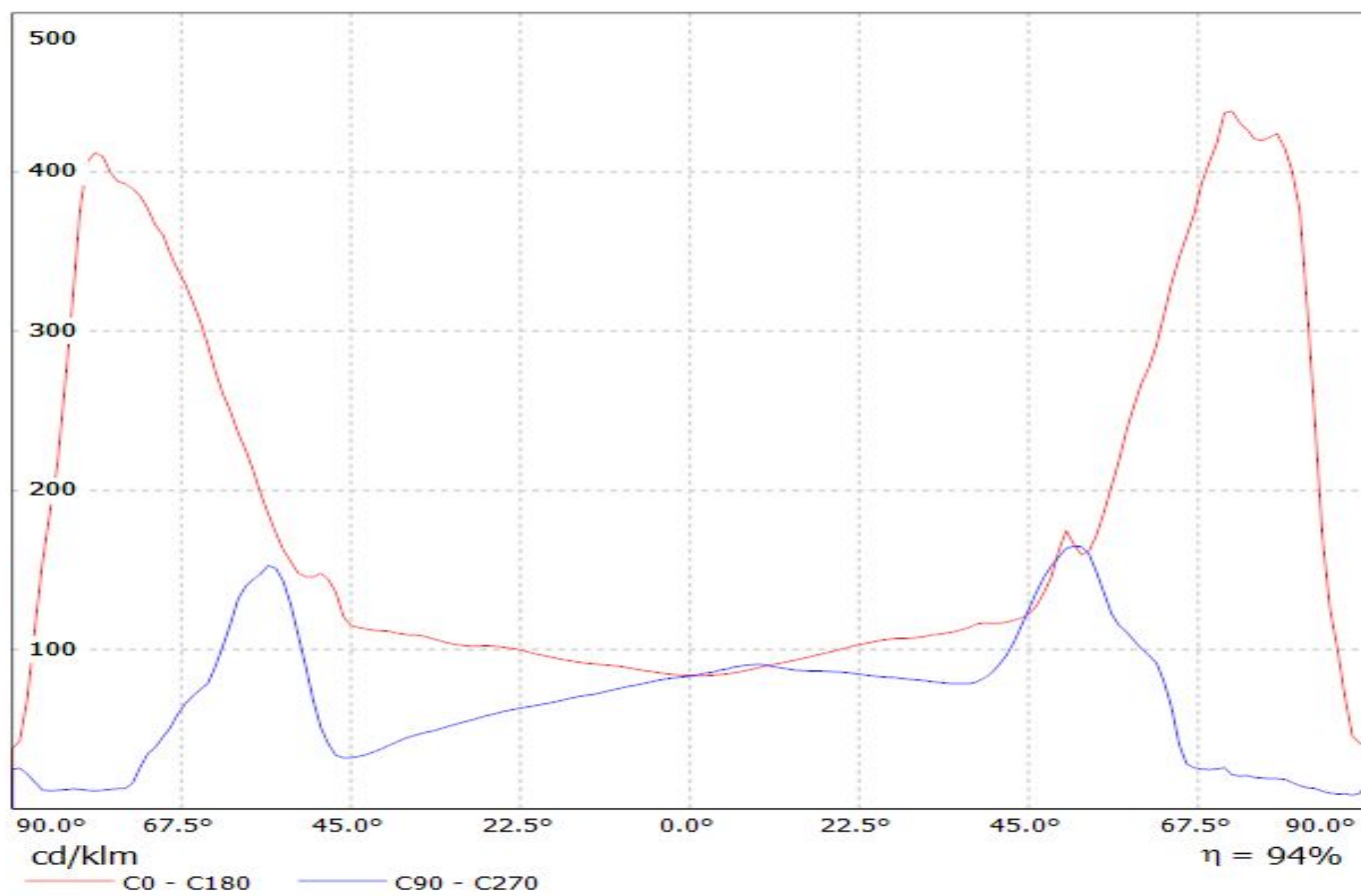


Luminaire: Ledil C13858\_STRADA\_2x2\_XW\_(XB-H)  
Lamps: 1 x XB-H\_502.676lm@250mA\_P=7.85261W\_I=0.2499A

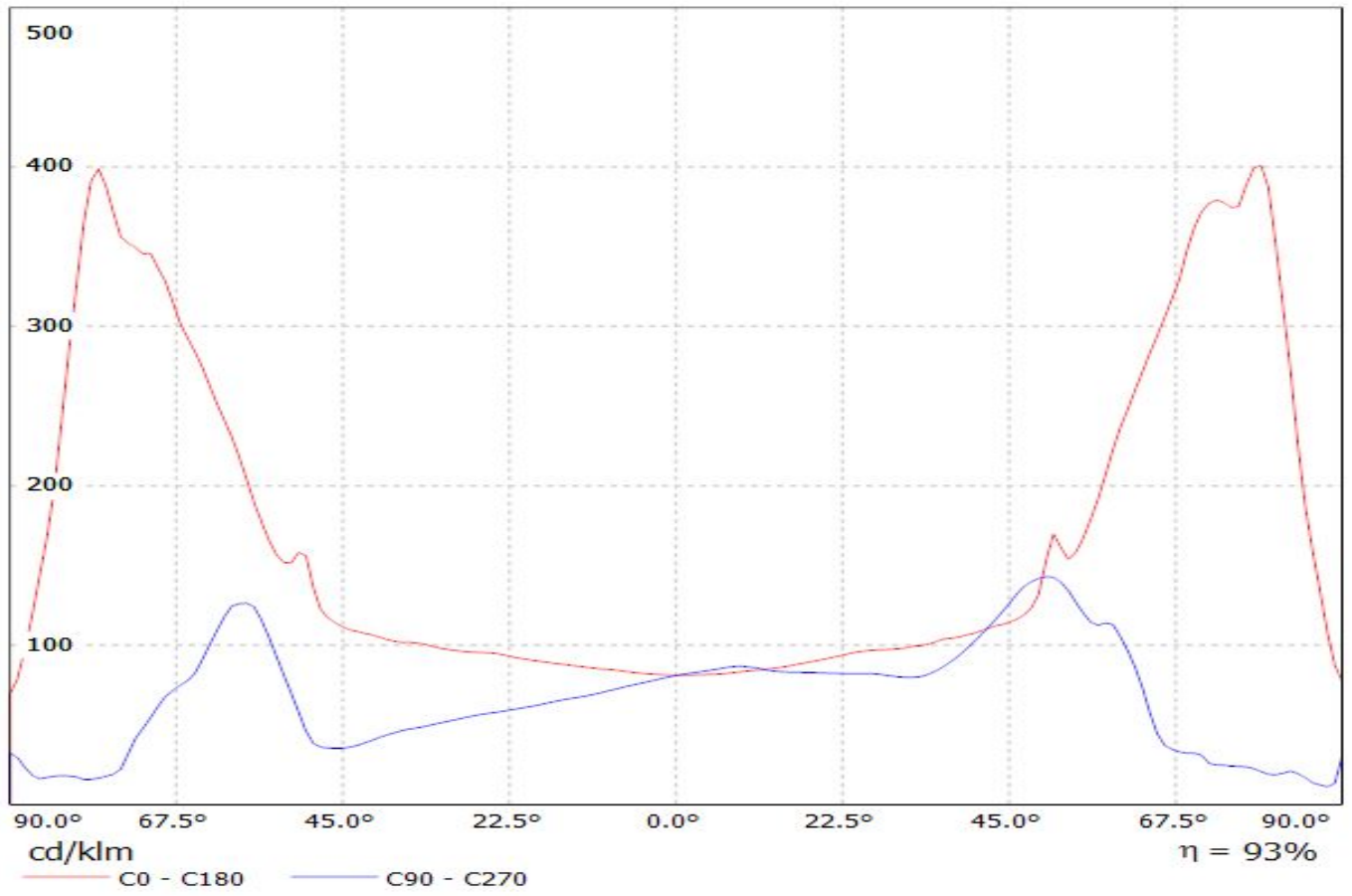




Luminaire: Ledil C13858\_STRADA\_2x2\_XW\_(XP-E)  
Lamps: 1 x XP-E\_337.15lm@250mA\_P=8W\_l=0.2499A



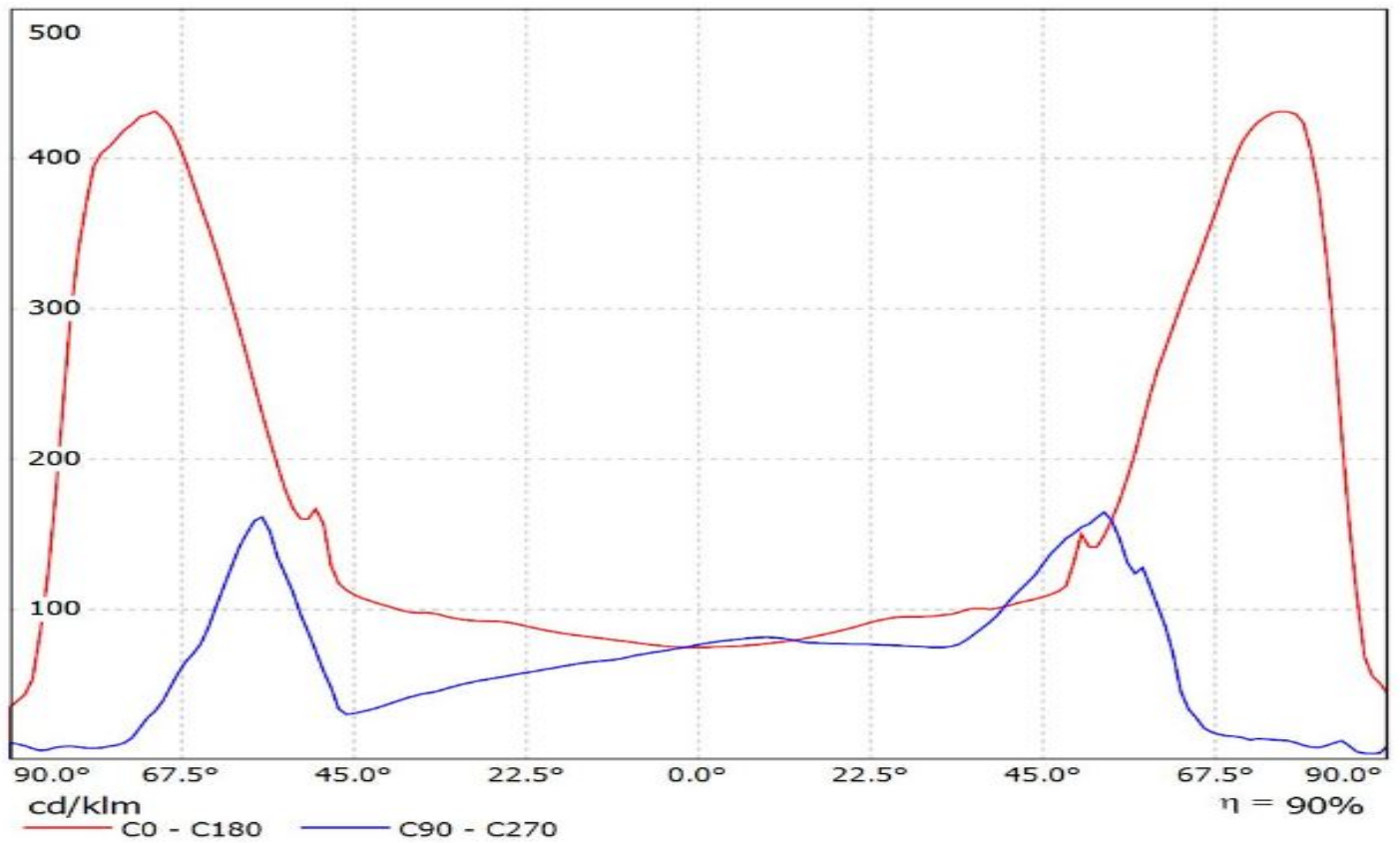
Luminaire: Ledil C13858\_STRADA\_2x2\_XW\_(XT-E)  
Lamps: 1 x XT-E\_429.235lm@250mA\_P=8W\_I=0.2499A



# Ledil C13858\_STRADA-2X2-XW\_(TL1L4) / LDC (Linear)

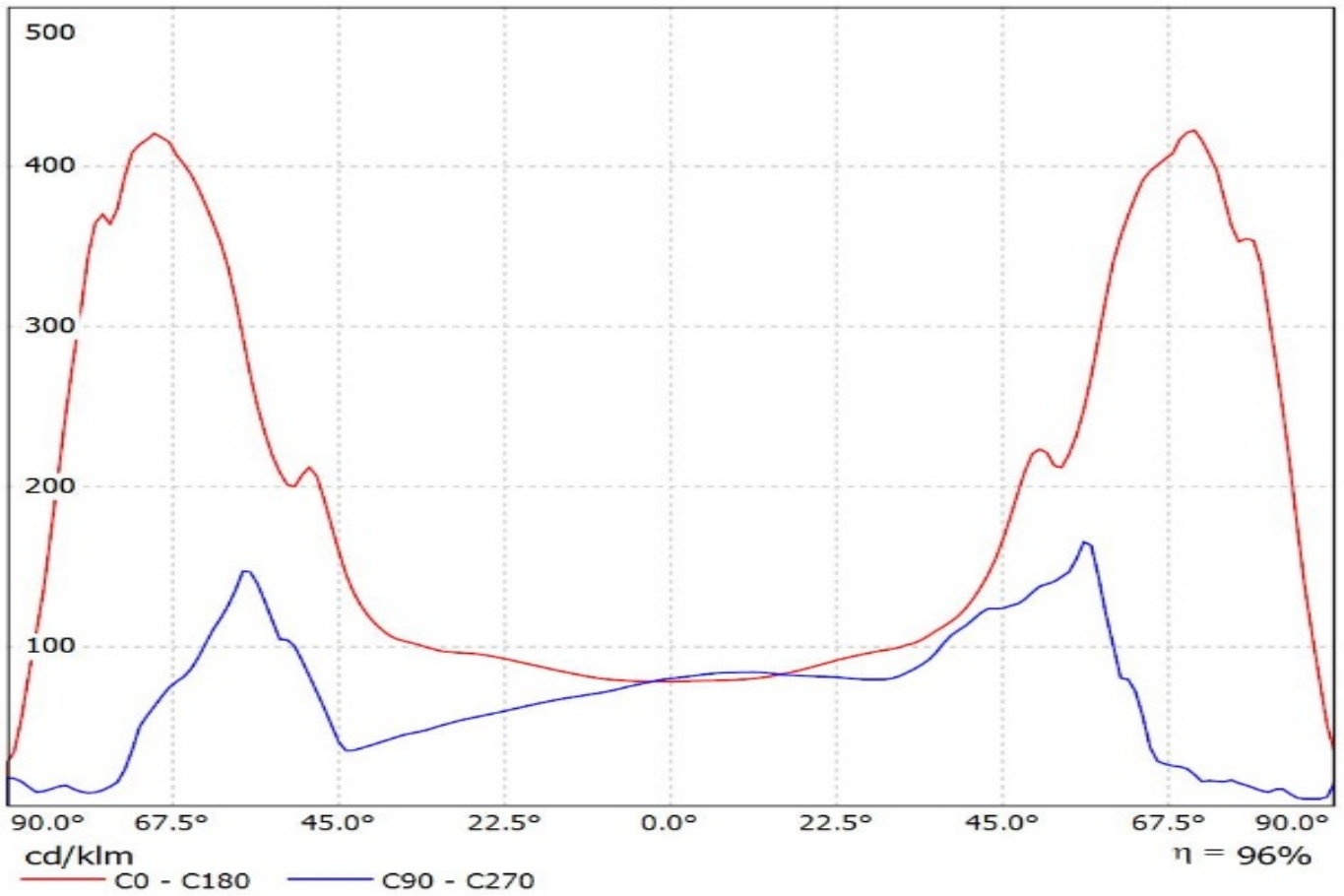
Luminaire: Ledil C13858\_STRADA-2X2-XW\_(TL1L4)

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

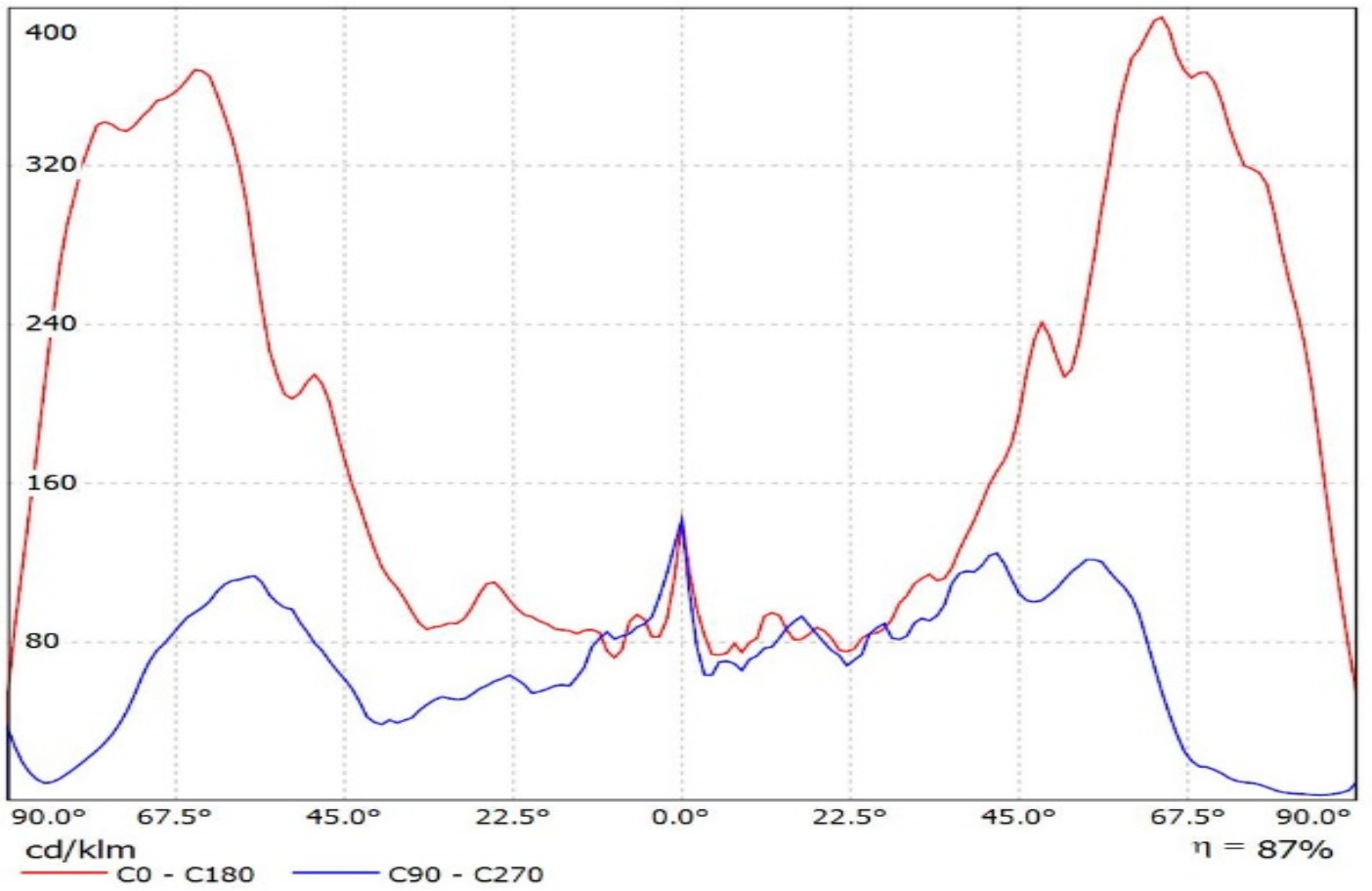


Luminaire: Ledil C13858\_STRADA-2X2-XW\_(Luxeon\_MZ)

Lamps: 1 x Philips\_Lumileds\_Luxeon\_MZ\_(LMZ7-QW57)\_(2x2)\_427.268lm@250mA\_P=2.734W\_I=0.2500A

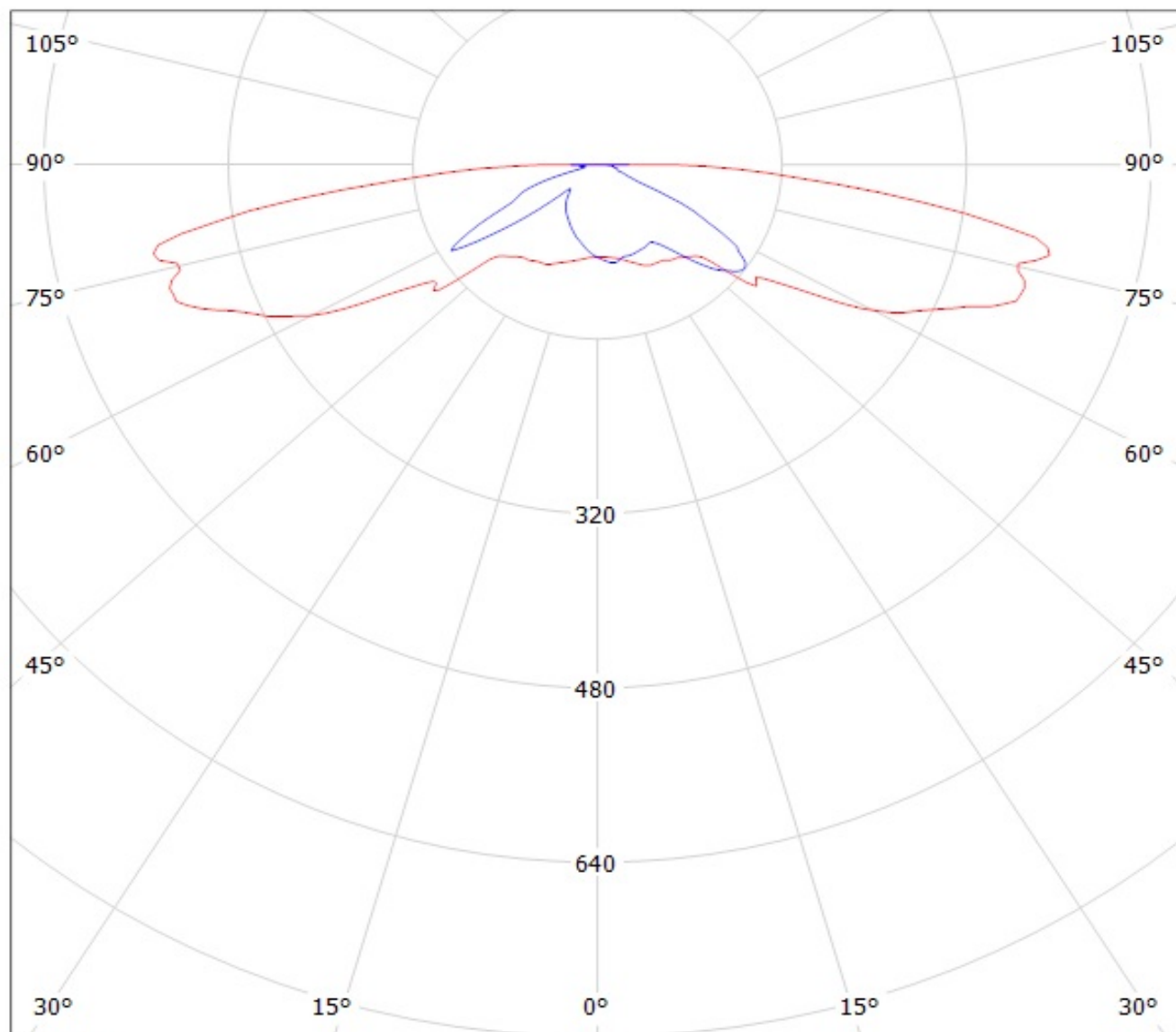


Luminaire: Ledil Oy C13858STRADA-2X2-XW\_(Duris\_S8\_Gen2)\_SIMULATED  
Lamps: 1 x OSRAM\_DURIS S8 GEN2 5050 package



Luminaire: LEDiL Oy C13858\_STRADA-2X2-XW\_(NVS19B)\_3 Eff.93.4%

Lamps: 1 x NICHA\_NVS19B\_(NVSL219BE)\_308.045lm@250mA\_P=2.8781W\_I=249.9mA



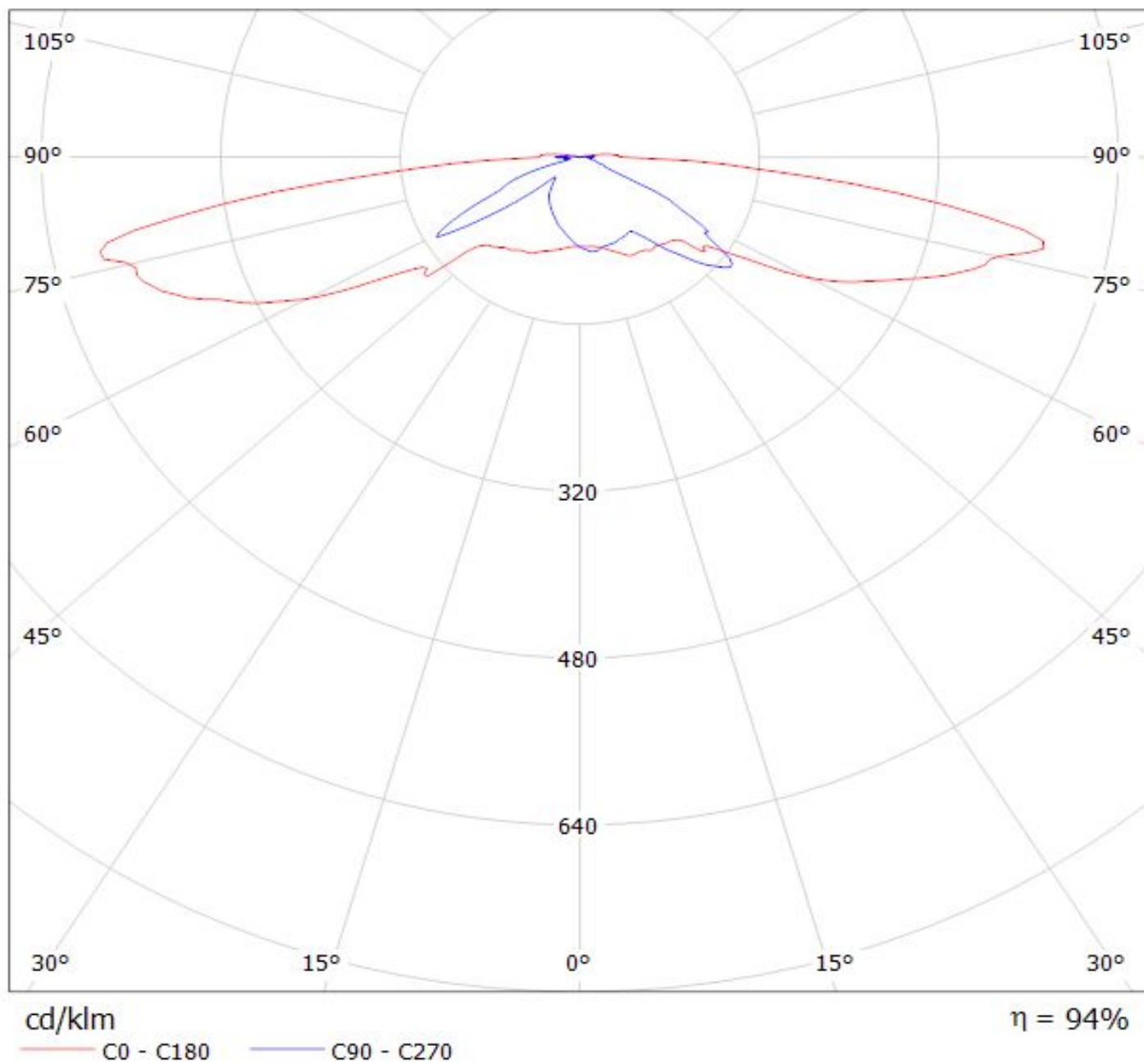
cd/klm

— C0 - C180

— C90 - C270

Luminaire: LEDiL Oy C13858\_STRADA-2X2-XW\_(Luxeon\_T) Eff.94.0%

Lamps: 1 x Luxeon\_T\_2x2\_(LXH8-FW30-3)\_291.9lm@250mA\_P=2.80338W\_CCT=3173K\_I=249.9mA

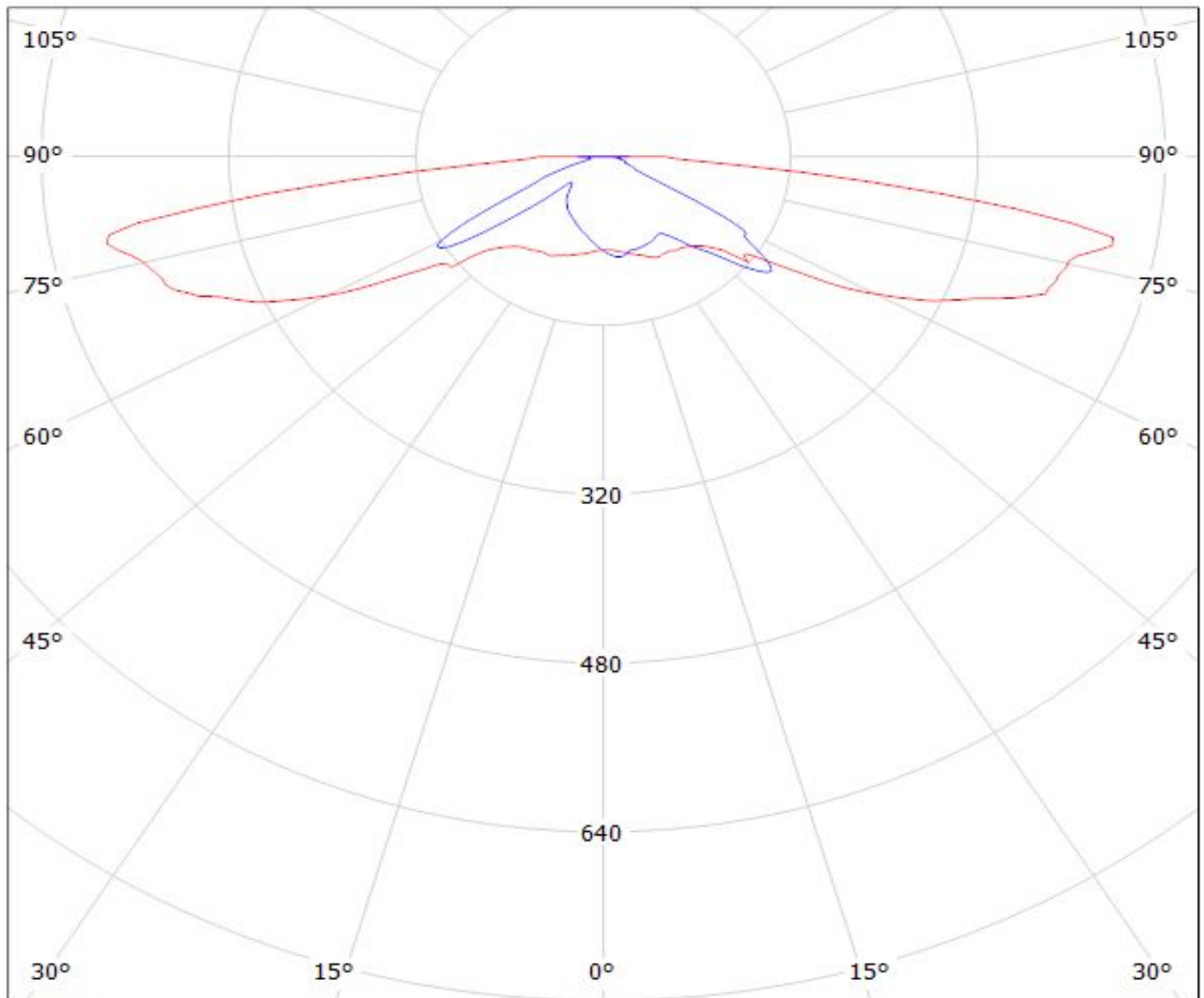




# LEDiL Oy C13858\_STRADA\_2x2\_XW Eff.93.6% / LDC (Polar)

Luminaire: LEDiL Oy C13858\_STRADA\_2x2\_XW Eff.93.6%

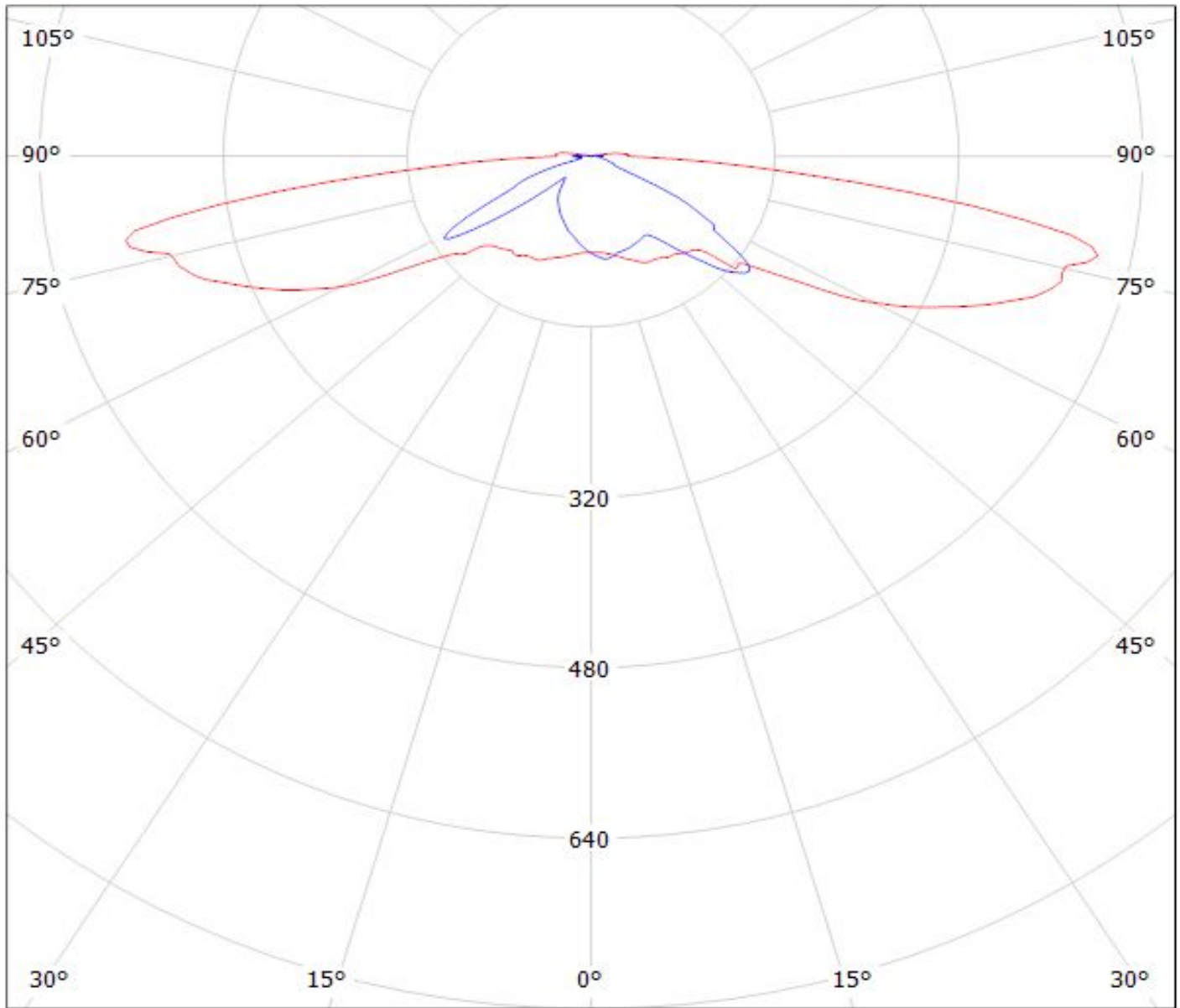
Lamps: 1 x SQ-PC\_2x2\_(LCW-CQAR.PC-MSMU-5H71-1)\_389.046lm@250mA\_P=2.96831W\_I=249.9mA



cd/klm

$\eta = 94\%$

Luminaire: LEDiL Oy C13858\_STRADA-2X2-XW\_(Luxeon\_TX) Eff.94.0%  
Lamps: 1 x Luxeon\_TX\_2x2\_326.55lm@250mA\_P=2.79263W\_I=249.9mA



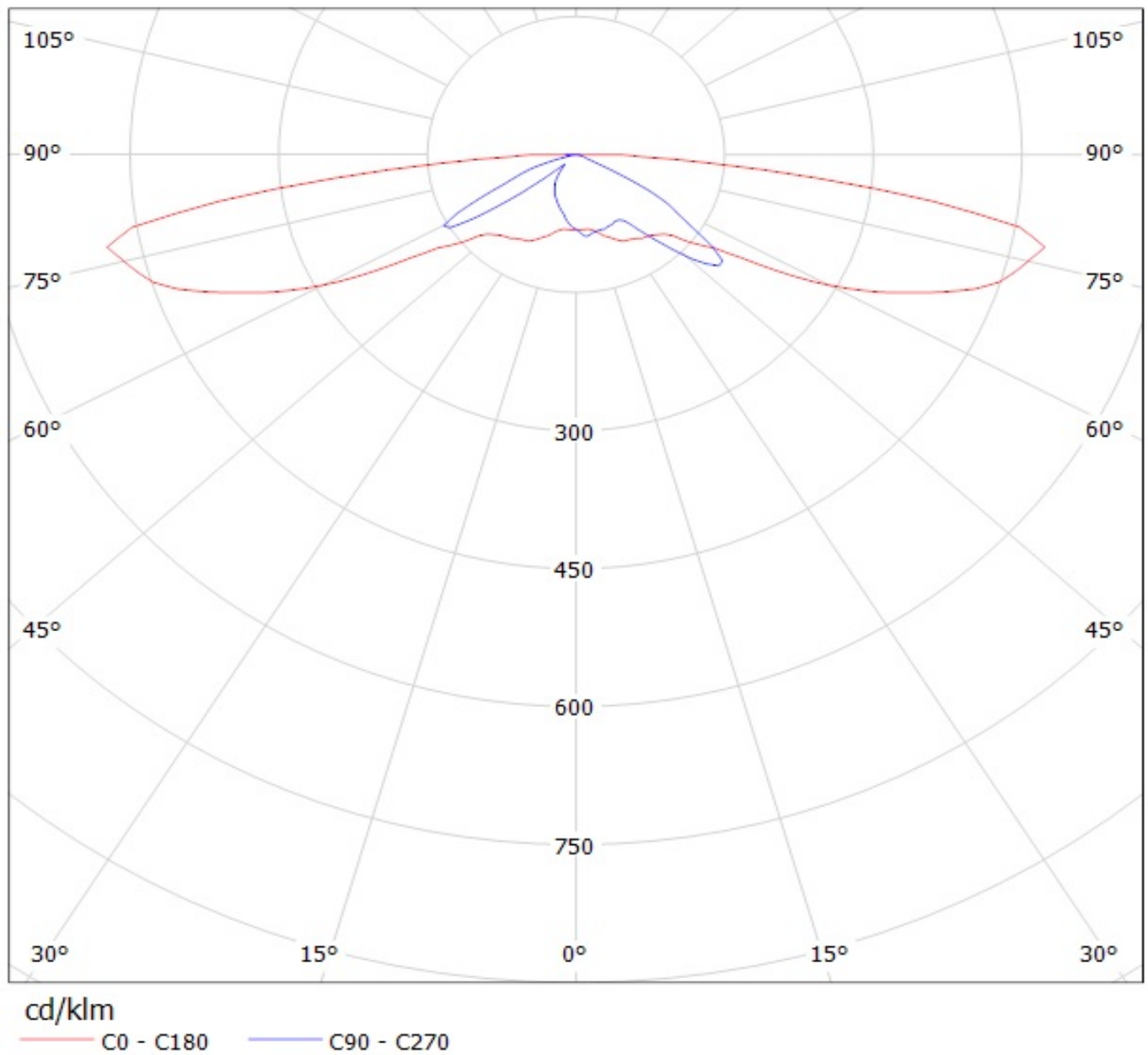
cd/klm

$\eta = 94\%$

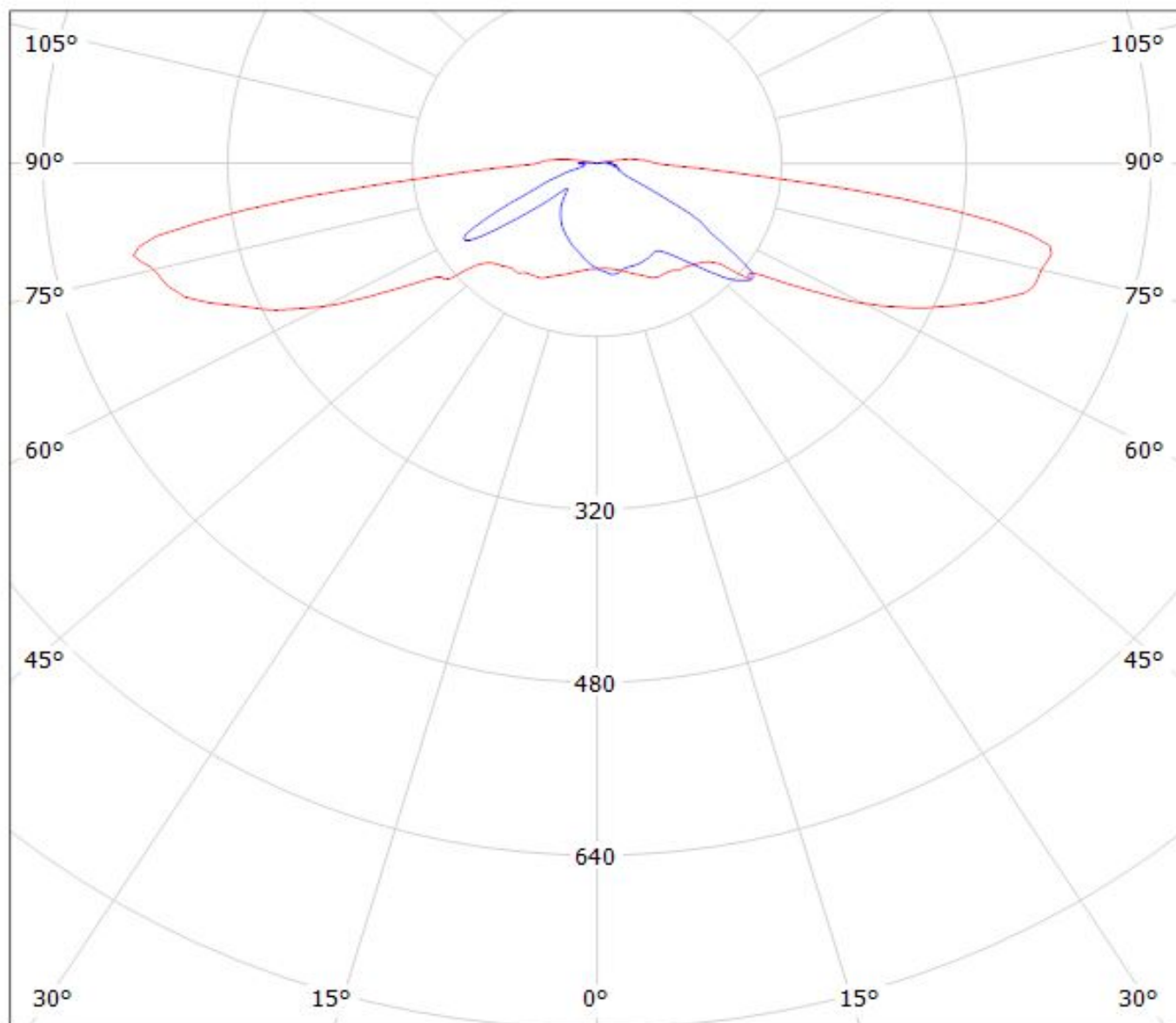
— C0 - C180

— C90 - C270

Luminaire: LEDil Oy C13858\_STRADA-2X2-XW\_(Z5M1) Efficiency=94%  
Lamps: 1 x Seoul Z5M1 (SZ5-M1-WN-C8) 379lm @ 250mA CCT=4600K P=2.9W I=250mA



Luminaire: Ledil C13858\_STRADA\_2x2\_XW\_(XB-H)  
Lamps: 1 x XB-H\_502.676lm@250mA\_P=7.85261W\_I=0.2499A



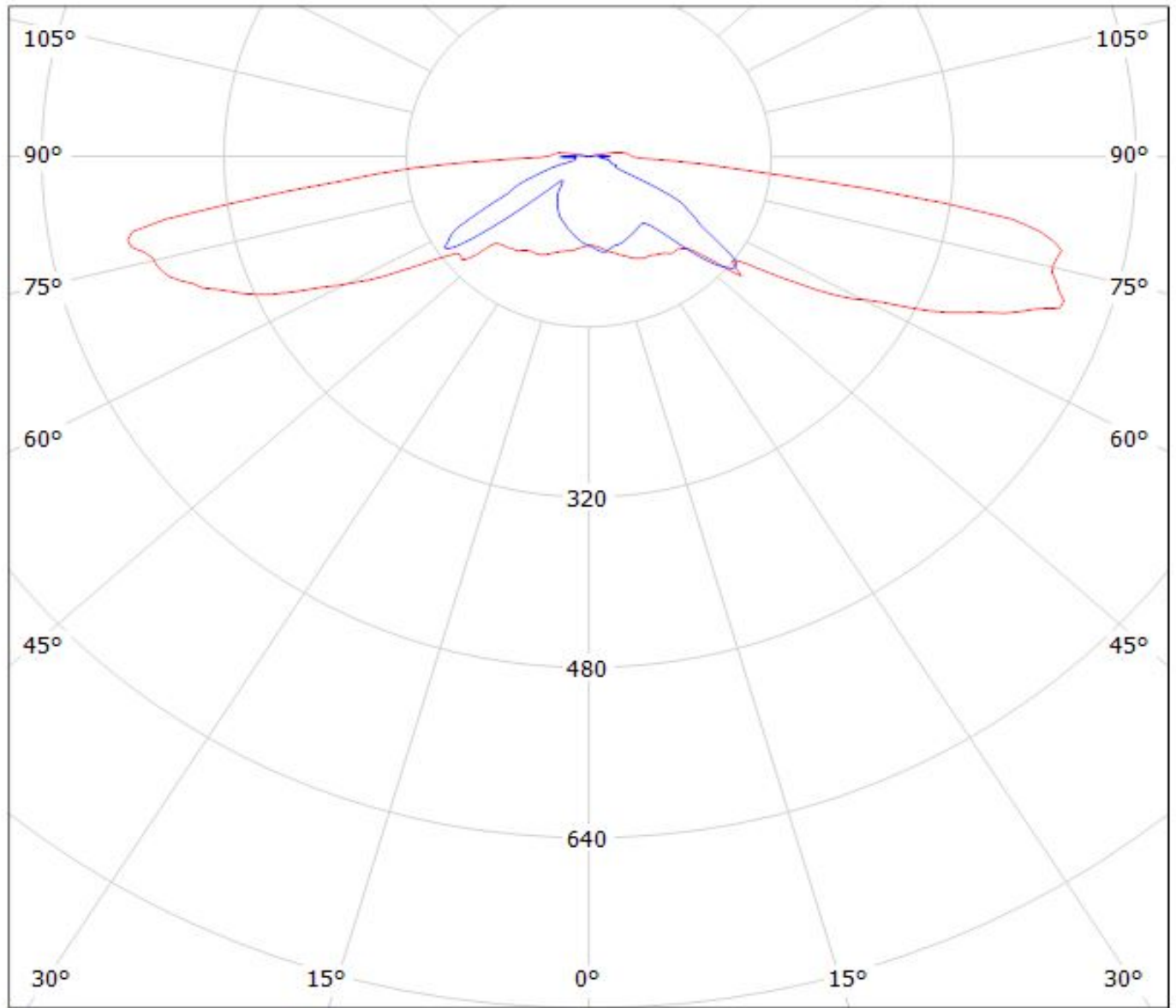
cd/klm

— C0 - C180

— C90 - C270

$\eta = 94\%$

Luminaire: Ledil C13858\_STRADA\_2x2\_XW\_(XP-E)  
Lamps: 1 x XP-E\_337.15lm@250mA\_P=8W\_I=0.2499A

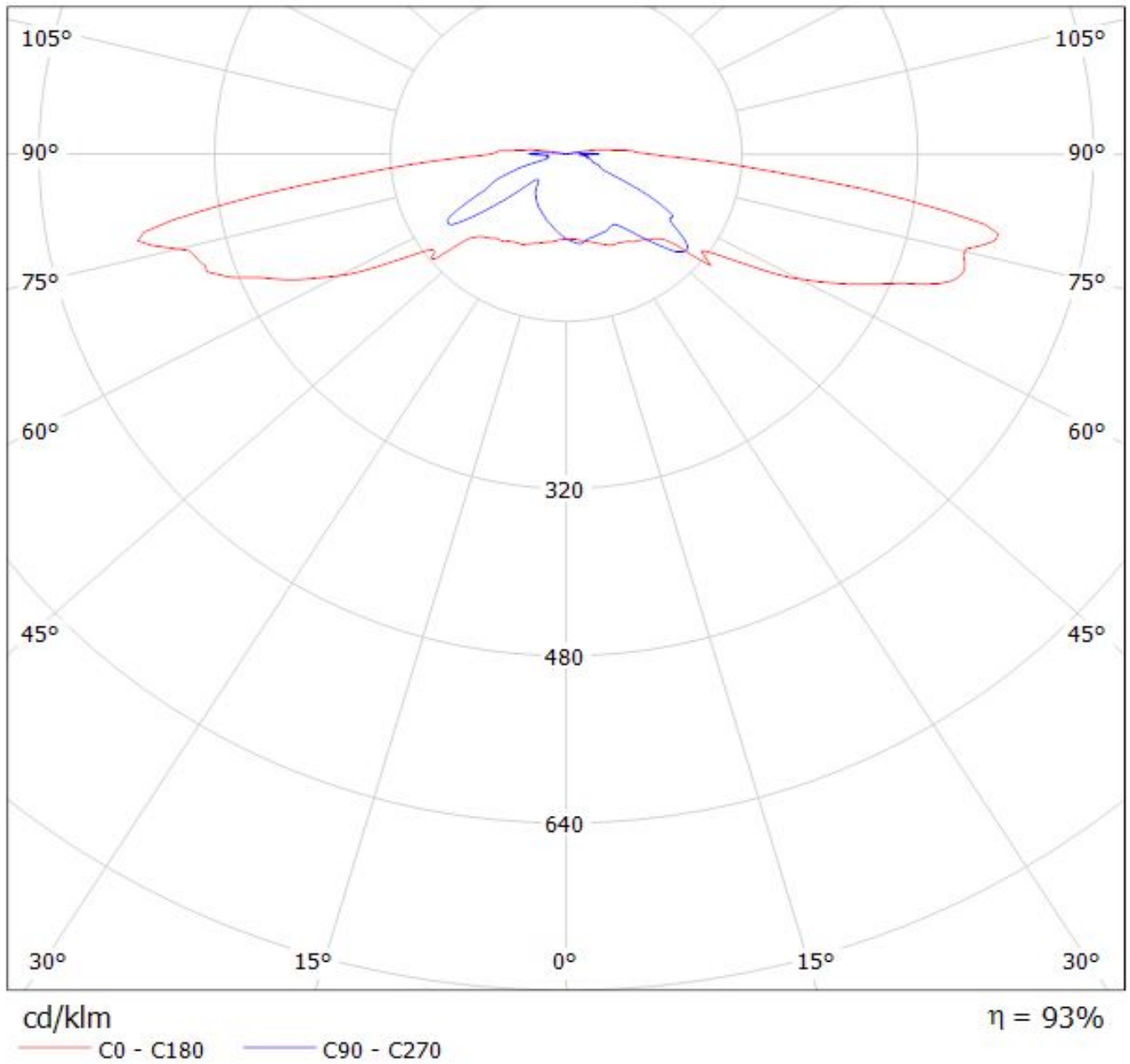


cd/klm

— C0 - C180    — C90 - C270

$\eta = 94\%$

Luminaire: Ledil C13858\_STRADA\_2x2\_XW\_(XT-E)  
Lamps: 1 x XT-E\_429.235lm@250mA\_P=8W\_I=0.2499A

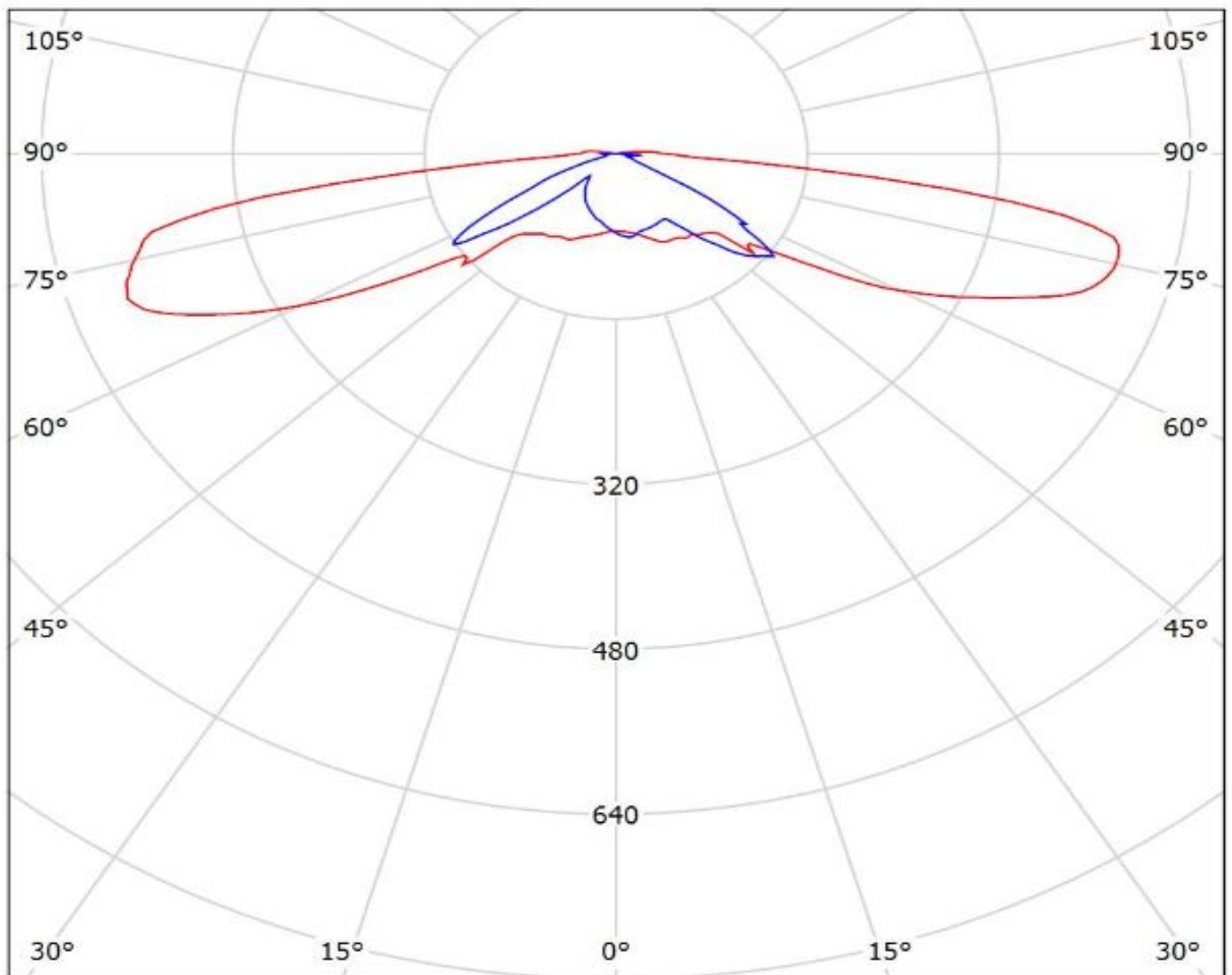




# Ledil C13858\_STRADA-2X2-XW\_(TL1L4) / LDC (Polar)

Luminaire: Ledil C13858\_STRADA-2X2-XW\_(TL1L4)

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



cd/klm

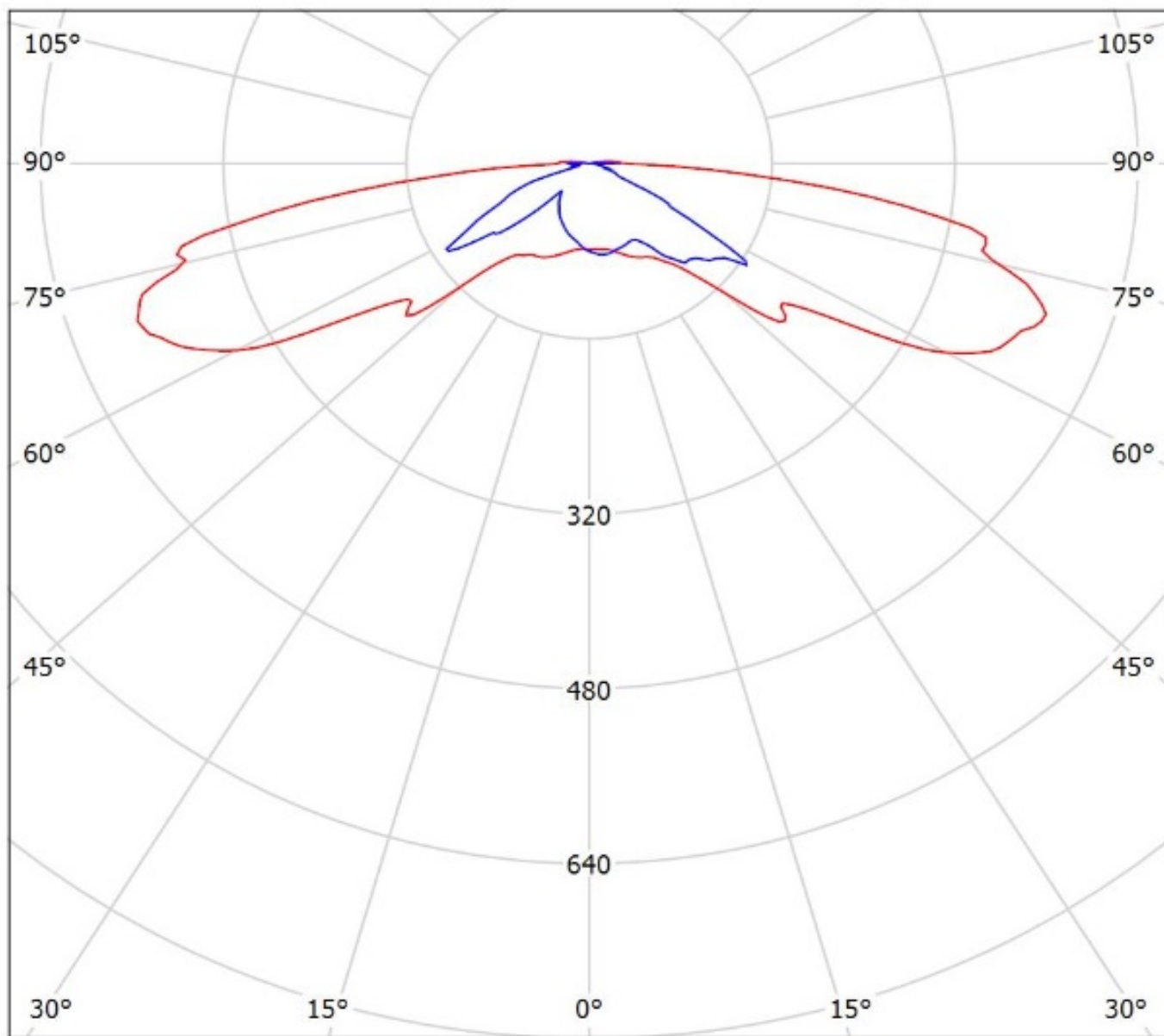
— C0 - C180 — C90 - C270

η = 90%



Luminaire: Ledil C13858\_STRADA-2X2-XW\_(Luxeon\_MZ)

Lamps: 1 x Philips\_Lumileds\_Luxeon\_MZ\_(LMZ7-QW57)\_(2x2)\_427.268lm@250mA\_P=2.734W\_I=0.2500A



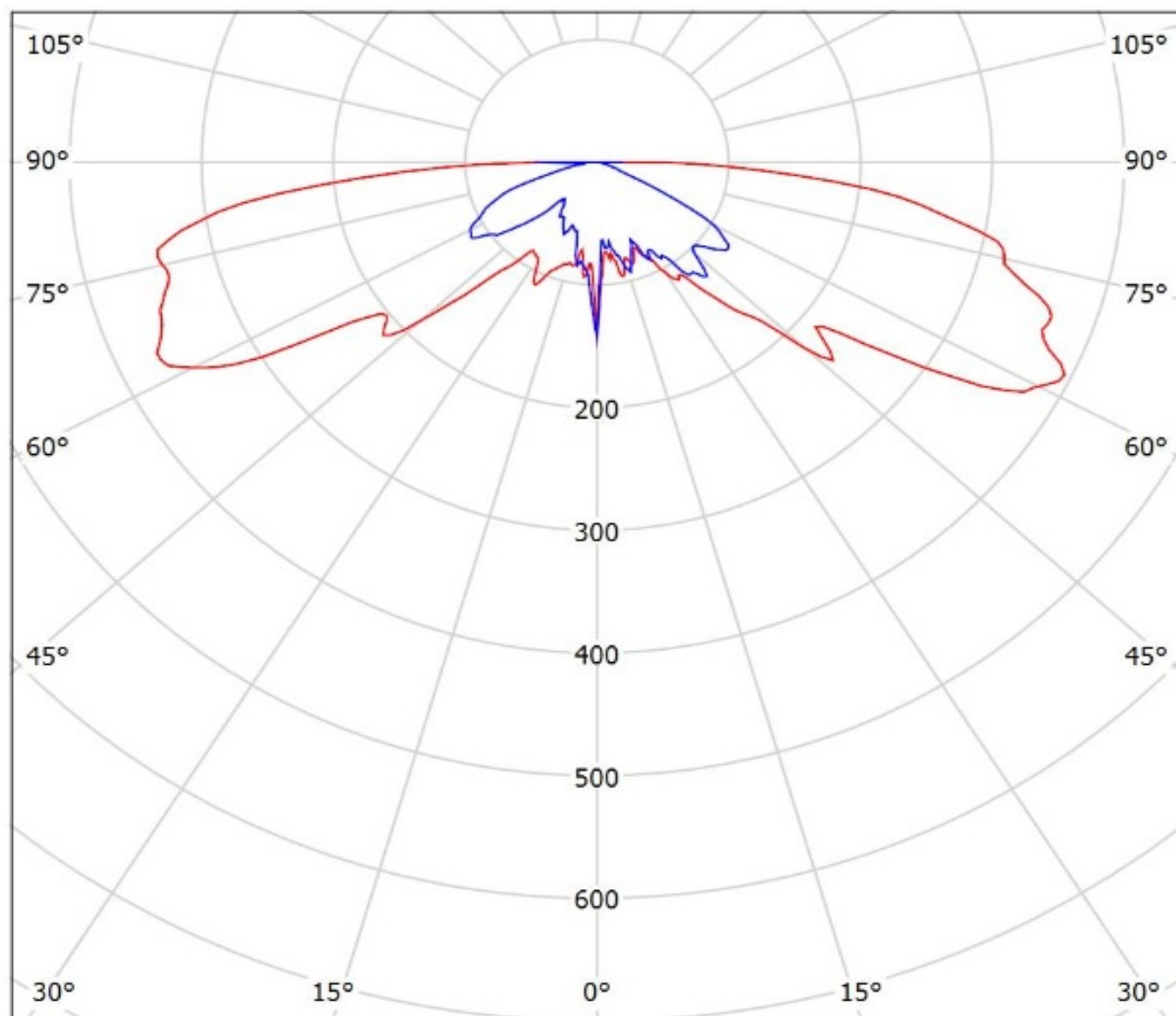
cd/klm

— C0 - C180

— C90 - C270

$\eta = 96\%$

Luminaire: Ledil Oy C13858STRADA-2X2-XW\_(Duris\_S8\_Gen2)\_SIMULATED  
Lamps: 1 x OSRAM\_DURIS S8 GEN2 5050 package



cd/klm

— C0 - C180 — C90 - C270

$\eta = 87\%$

**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.**