

## DETAILS

<b>Product Number</b>	C15481_STRADELLA-8-VSM
<b>Family</b>	Stradella
<b>Type</b>	Lens array
<b>Color</b>	clear
<b>Diameter</b>	49,5+49,5 mm
<b>Height</b>	5,5 mm
<b>Style</b>	rectang
<b>Optic Material</b>	PMMA
<b>Holder Material</b>	
<b>Fastening</b>	pin, screw
<b>Status</b>	production ready
<b>ROHS Compliant</b>	Yes
<b>Date Updated</b>	17/11/2016



## OPTICAL PROPERTIES

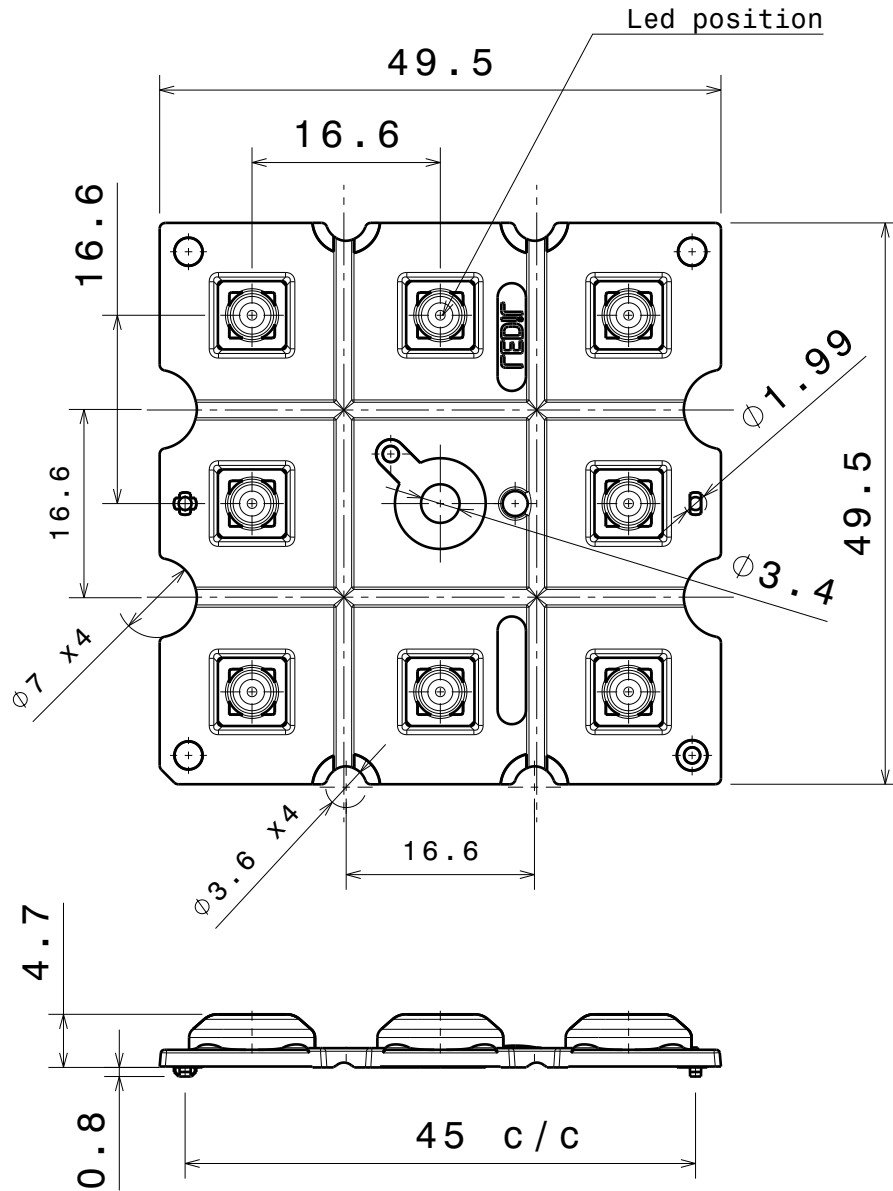
LED	Viewing Angle	Light Beam	Efficiency	cd/lm	Connector
XT-E	147 deg	Wide-Area...	94 %	0.420	-
XP-G2	sim: 152	Wide-Area...	sim: 94 %	sim: 0.440	-
LUXEON 3030 2D	137 deg	Wide-Area...	94 %	0.530	-
LUXEON 3535 2D	sim: 143	Wide-Area...	sim: 94 %	sim: 0.490	-
LUXEON FlipChip White 10	sim: 136	Wide-Area...	sim: 89 %	sim: 0.440	-
NF2x757D	sim: 140	Wide-Area...	sim: 94 %	sim: 0.560	-
NCSxE17A	sim: 134	Wide-Area...	sim: 94 %	sim: 0.590	-
NVSxE21A	sim: 135	Wide-Area...	sim: 94 %	sim: 0.500	-
Oslon Square Gen3	sim: 144	Wide-Area...	sim: 94 %	sim: 0.480	-
Z8Y22P	146 deg	Wide-Area...	94 %	0.400	-

D

C

B

A



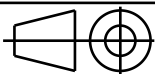
INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	-	STRADELLA-8-VSM	PMMA	clear

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 STRADELLA-8-VSM

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SIZE PART NUMBER

A4

C15481

SCALE

3:2

WEIGHT

5,6g

SHEET

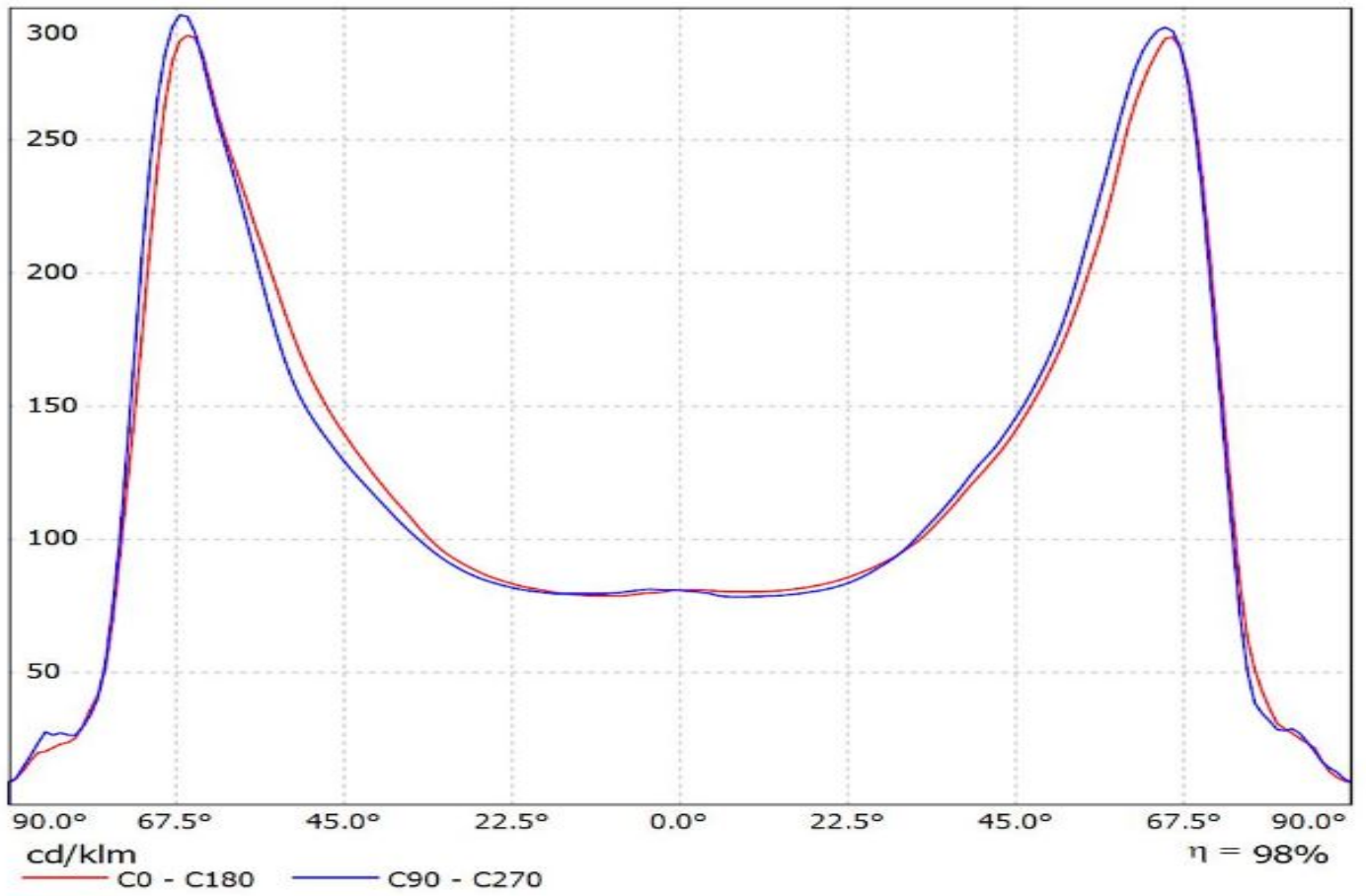
1/1

D

A

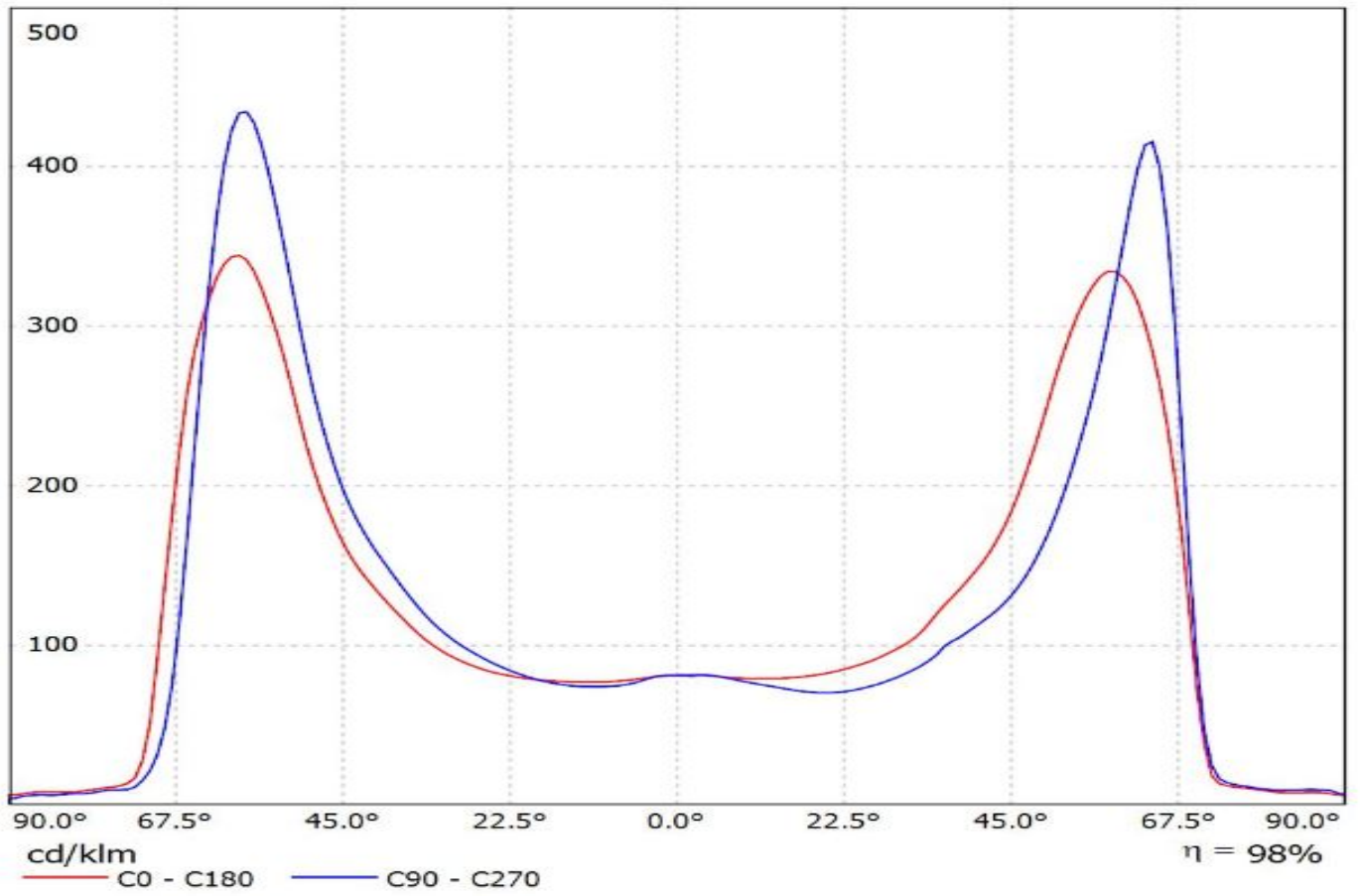
Luminaire: Ledil C15481\_STRADELLA-8-VSM\_(XT-E)

Lamps: 1 x Cree\_XT-E\_x8\_(XTEAWT-0-2A0-R30-FB0001)\_795.968lm@250mA\_P=5.968W\_I=0.250A

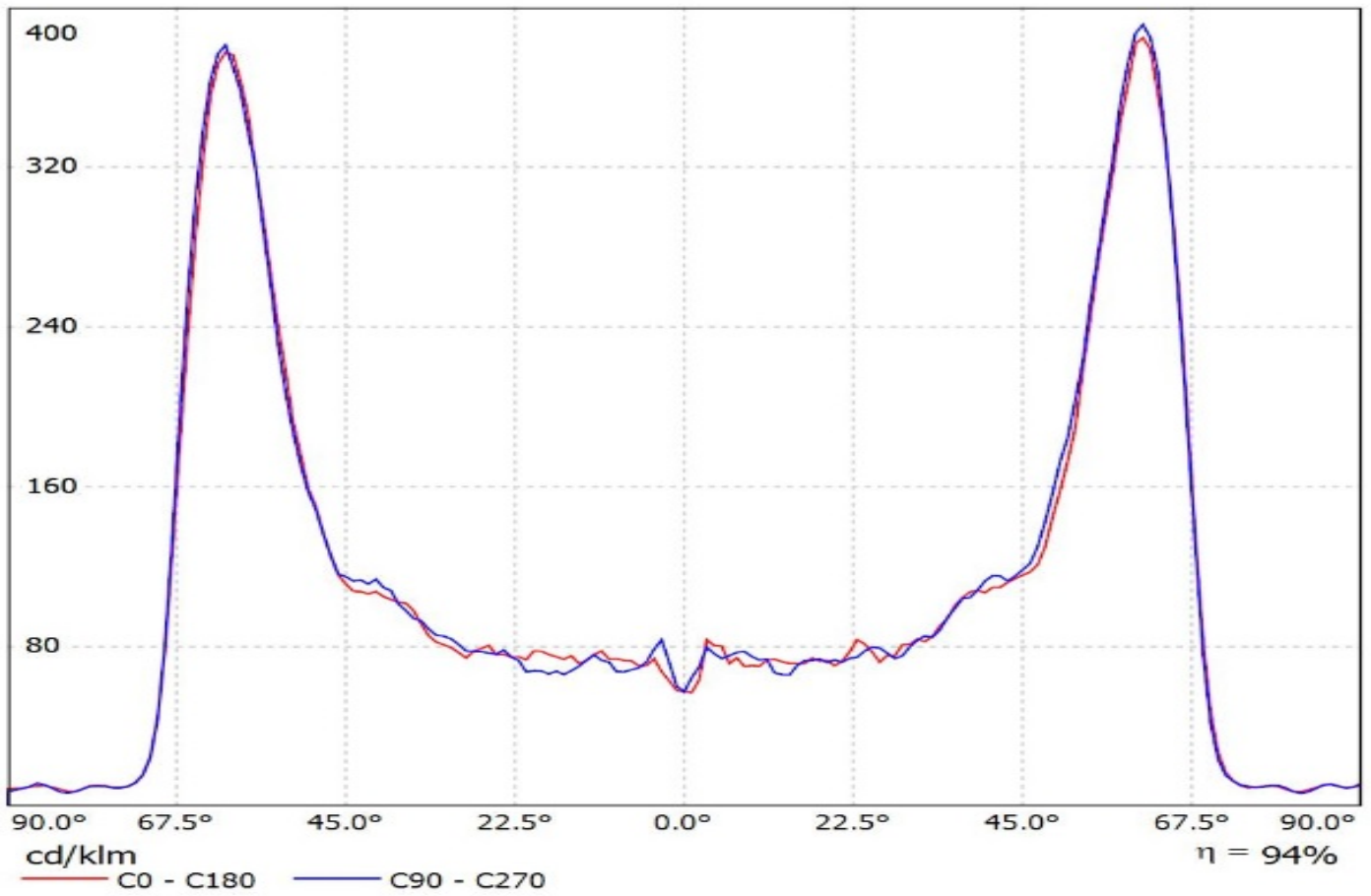


Luminaire: Ledil C15481\_STRADELLA-8-VSM\_(LUXEON\_3030\_2D)

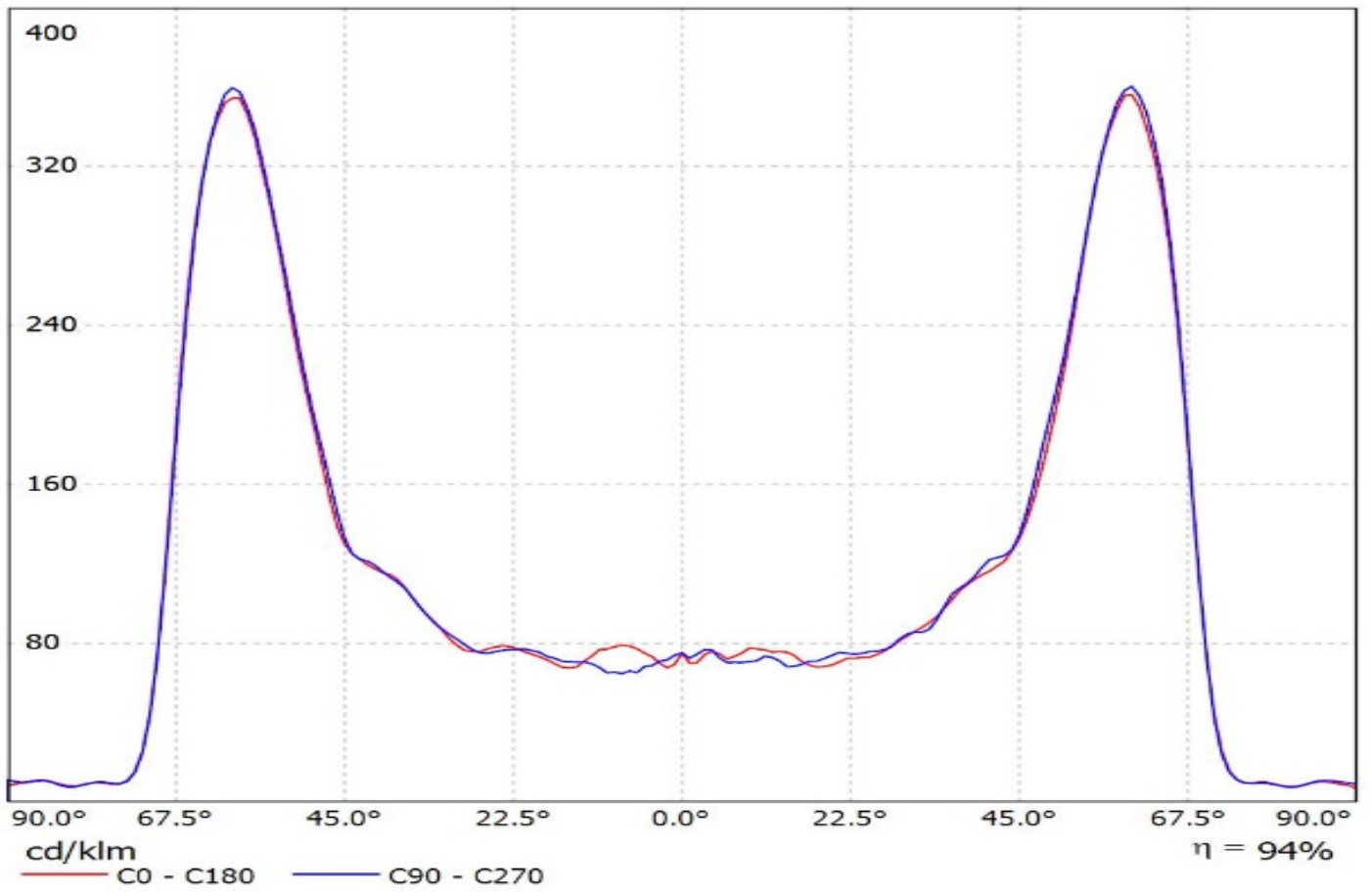
Lamps: 1 x LUXEON\_3030\_2D\_x8\_(LI30-2780)\_349.021lm@60mA\_CCT=2700K\_P=2.7455W\_I=0.06A



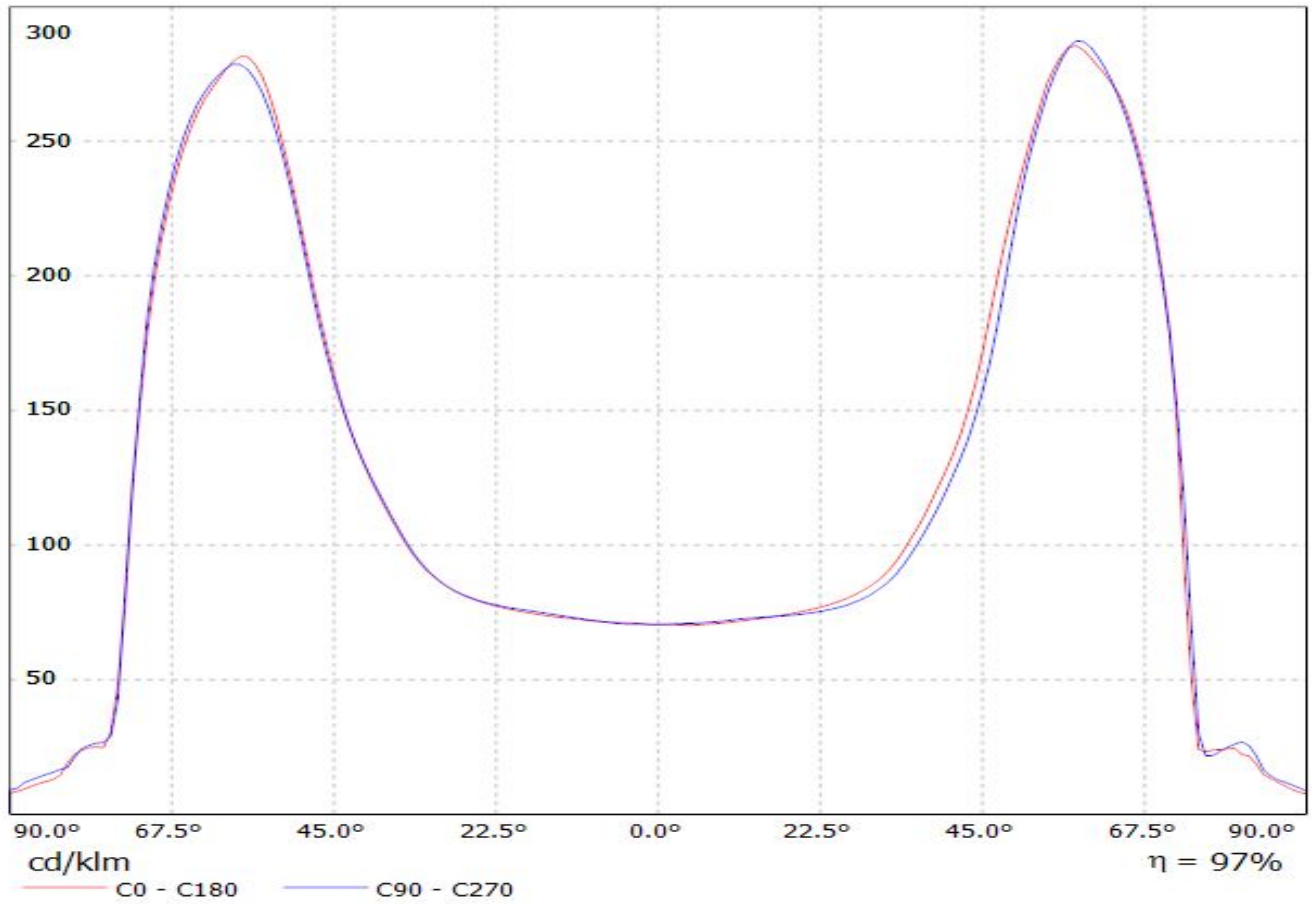
Luminaire: Ledil Oy C15481\_STRADELLA-8-VSM\_(NCSxE17A)\_SIMULATED  
Lamps: 1 x Nichia NCSWE17A



Luminaire: Ledil Oy C15481\_STRADELLA-8-VSM\_(NVSxE21A)\_SIMULATED  
Lamps: 1 x Nichia NVSWE21A

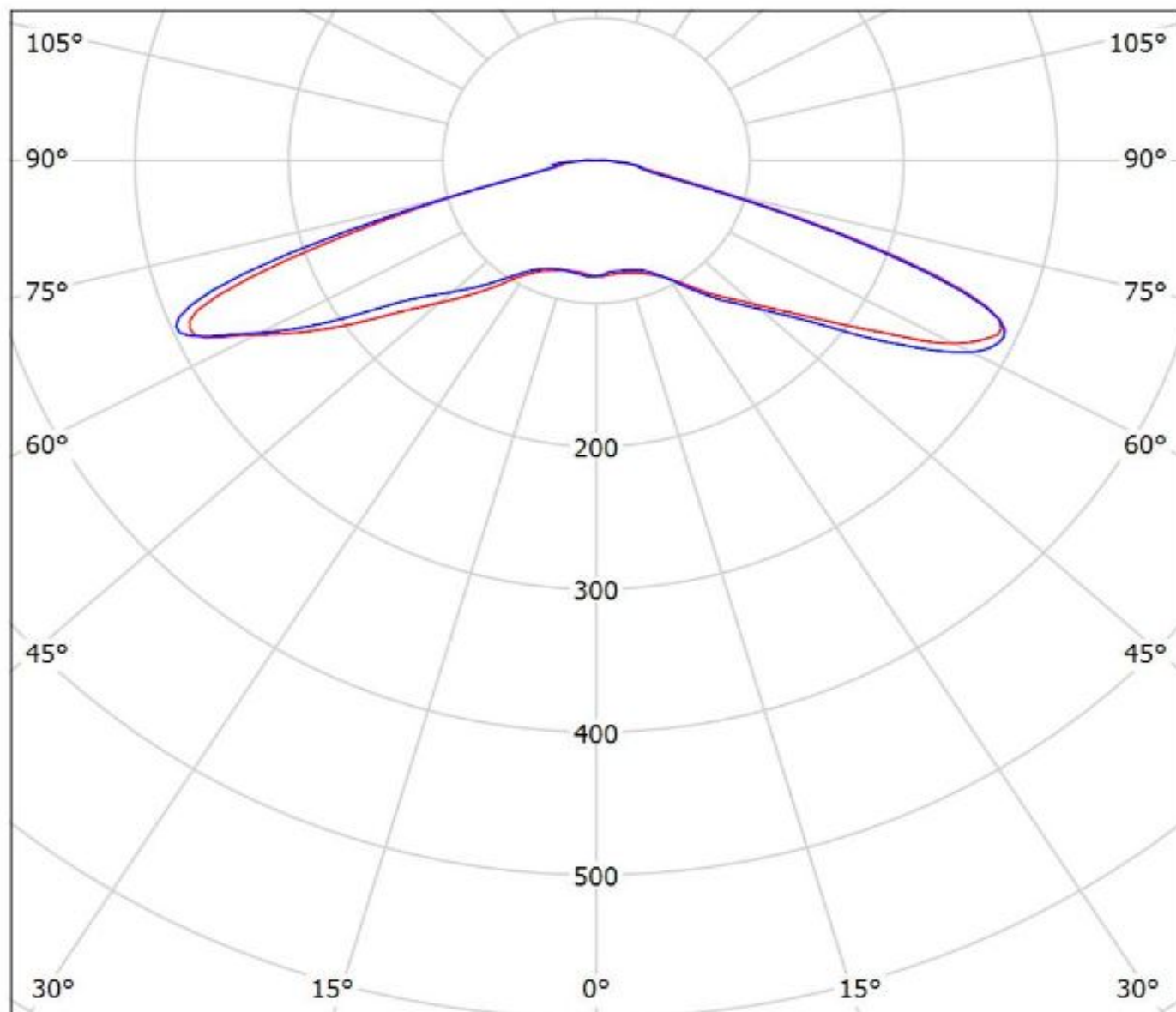


Luminaire: LEDiL Oy C15481\_STRADELLA-8-VSM\_(Z8Y22P)  
Lamps: 1 x Seoul\_SZ8-Y22P\_(SZ8-Y22-W0-C7-P)\_957.081lm@250mA\_P=5.49085W\_I=0.25A



Luminaire: Ledil C15481\_STRADELLA-8-VSM\_(XT-E)

Lamps: 1 x Cree\_XT-E\_x8\_(XTEAWT-0-2A0-R30-FB0001)\_795.968lm@250mA\_P=5.968W\_I=0.250A



cd/klm

— C0 - C180

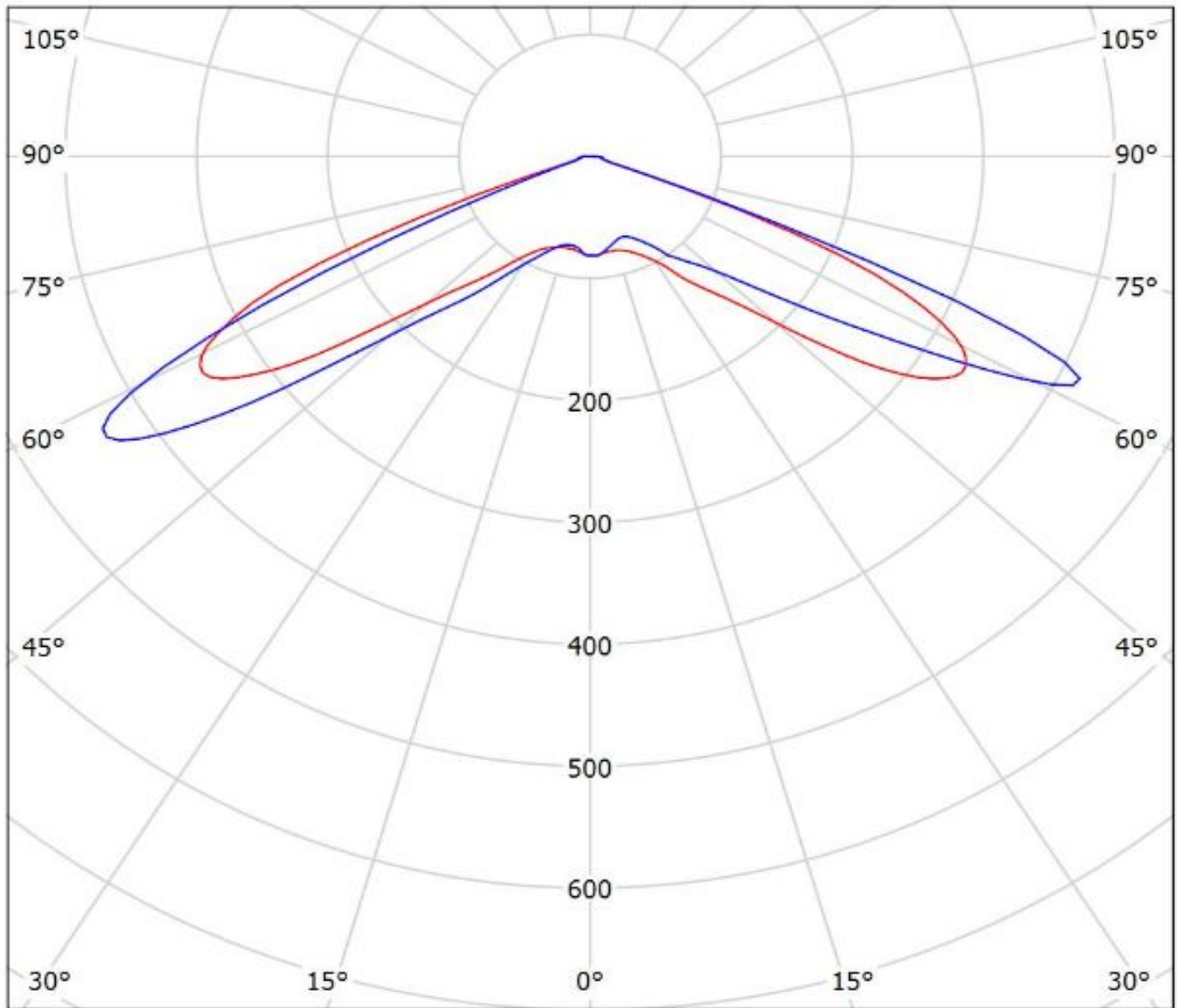
— C90 - C270

$\eta = 98\%$



Luminaire: Ledil C15481\_STRADELLA-8-VSM\_(LUXEON\_3030\_2D)

Lamps: 1 x LUXEON\_3030\_2D\_x8\_(LI30-2780)\_349.021lm@60mA\_CCT=2700K\_P=2.7455W\_I=0.06A



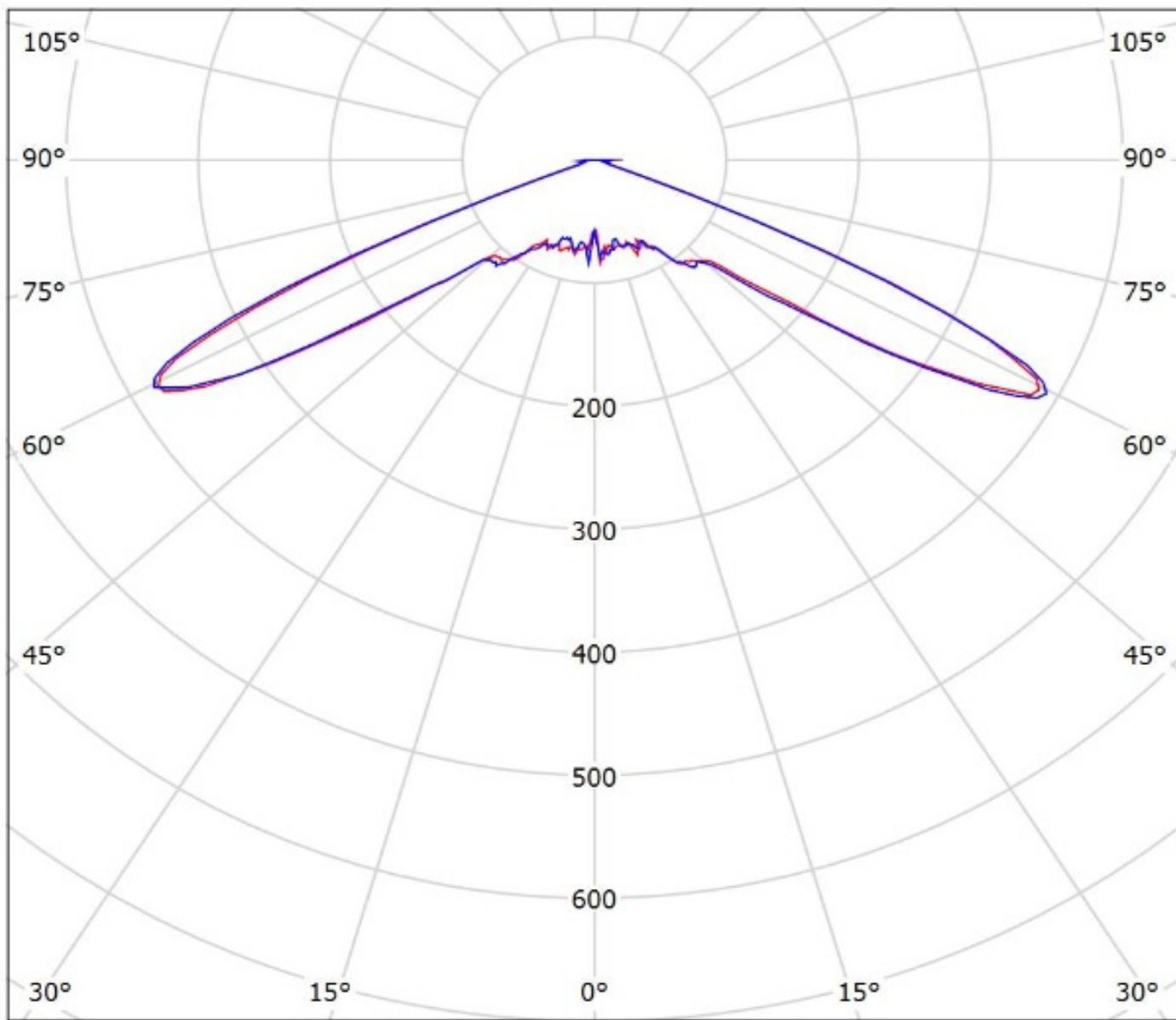
cd/klm

— C0 - C180

— C90 - C270

$\eta = 98\%$

Luminaire: Ledil Oy C15481\_STRADELLA-8-VSM\_(NCSxE17A)\_SIMULATED  
Lamps: 1 x Nichia NCSWE17A

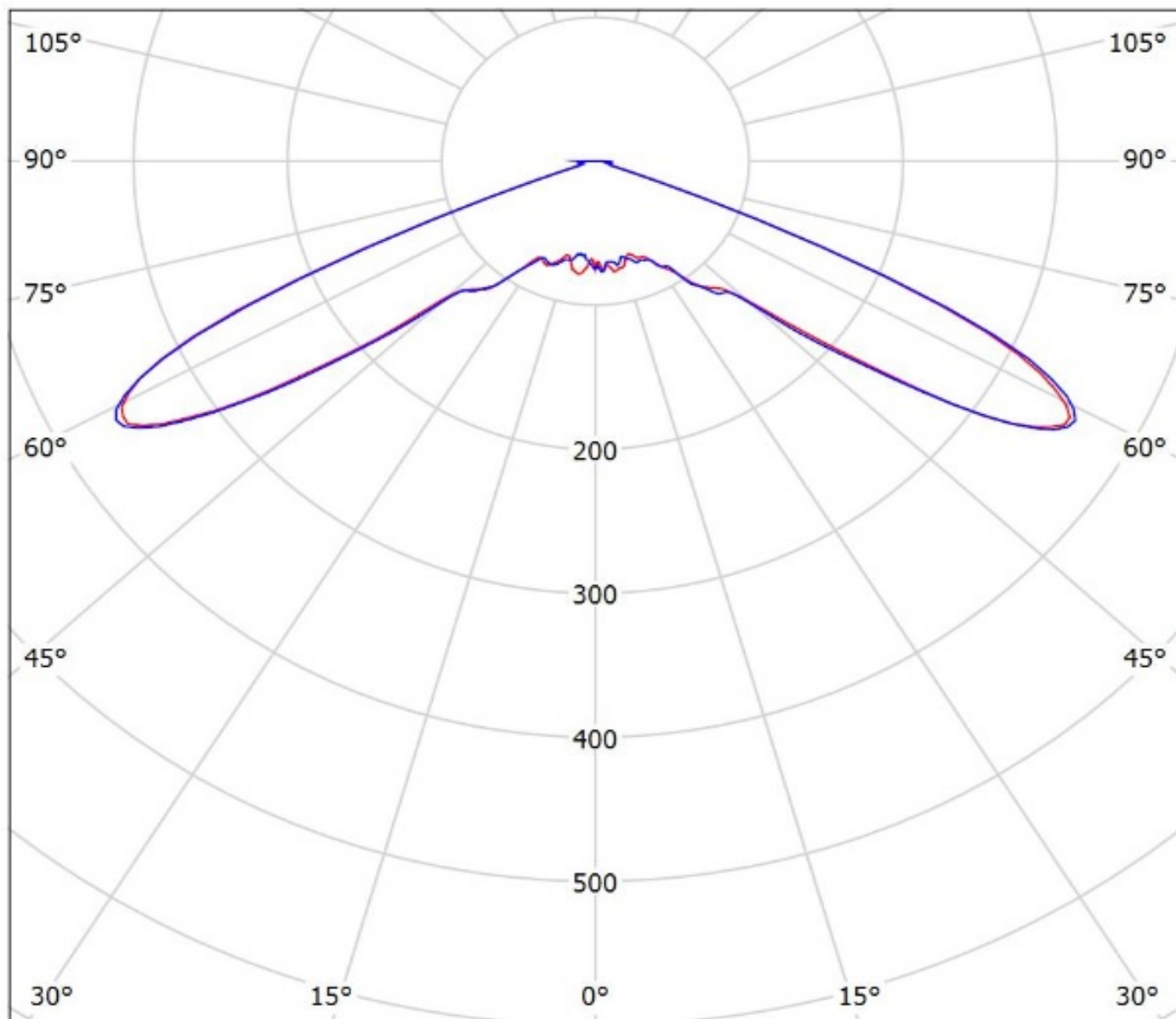


cd/klm

— C0 - C180 — C90 - C270

$\eta = 94\%$

Luminaire: Ledil Oy C15481\_STRADELLA-8-VSM\_(NVSxE21A)\_SIMULATED  
Lamps: 1 x Nichia NVSWE21A



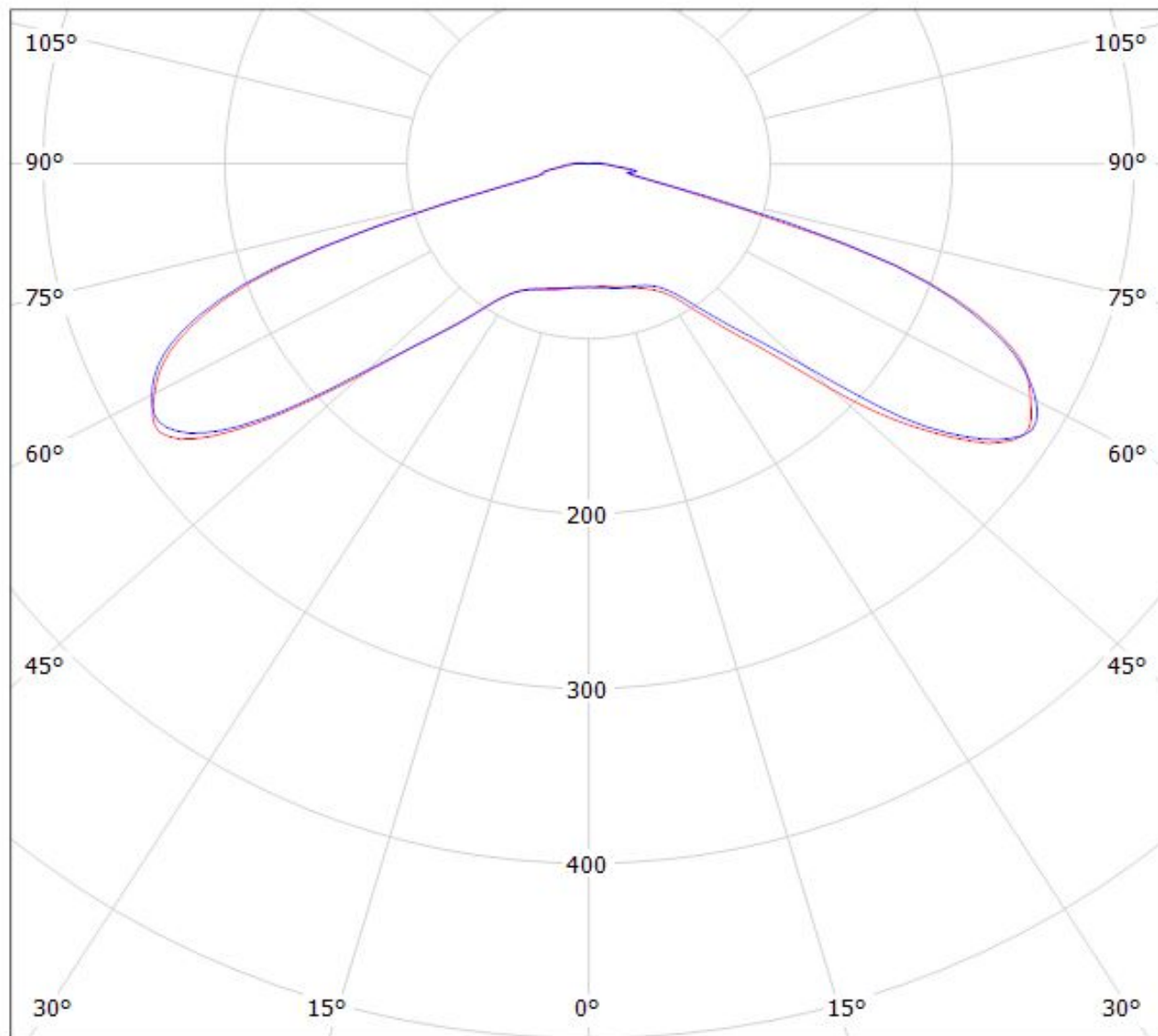
cd/klm

— C0 - C180    — C90 - C270

$\eta = 94\%$

Luminaire: LEDiL Oy C15481\_STRADELLA-8-VSM\_(Z8Y22P)

Lamps: 1 x Seoul\_SZ8-Y22P\_(SZ8-Y22-W0-C7-P)\_957.081lm@250mA\_P=5.49085W\_I=0.25A



cd/klm

— C0 - C180

— C90 - C270

$\eta = 97\%$

**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.**