

DETAILS

Product Number	CS16324_STRADELLA-IP-28-HB-W
Family	Stradella
Type	Assembly
Color	clear
Diameter	100 x 100 mm
Height	9,5 mm
Style	square
Optic Material	
Holder Material	
Fastening	pin, screw
Status	sample approved
ROHS Compliant	Yes
Date Updated	15/12/2017



OPTICAL PROPERTIES

LED	Viewing	Light	Effi-		Connector
	Angle	Beam	ciency	cd/lm	
XT-E	sim: 82	HighBay	sim: 92 %	sim: 0.496	-
XP-G3	sim: 95	HighBay	sim: 94 %	sim: 0.430	-
J Series 3030	sim: 91	HighBay	sim: 94 %	sim: 0.470	-
LUXEON 3030 2D	sim: 85	HighBay	sim: 92 %	sim: 0.520	-
NVSxE21A	sim: 87	HighBay	sim: 92 %	0.503	-
Duris S5 (2 chip)	sim: 86	HighBay	sim: 94 %	sim: 0.500	-
Oslon SSL 150	sim: 107	HighBay	sim: 94 %	sim: 0.390	-
Z8Y22	sim: 100	HighBay	sim: 92 %	sim: 0.418	-

H

G

F

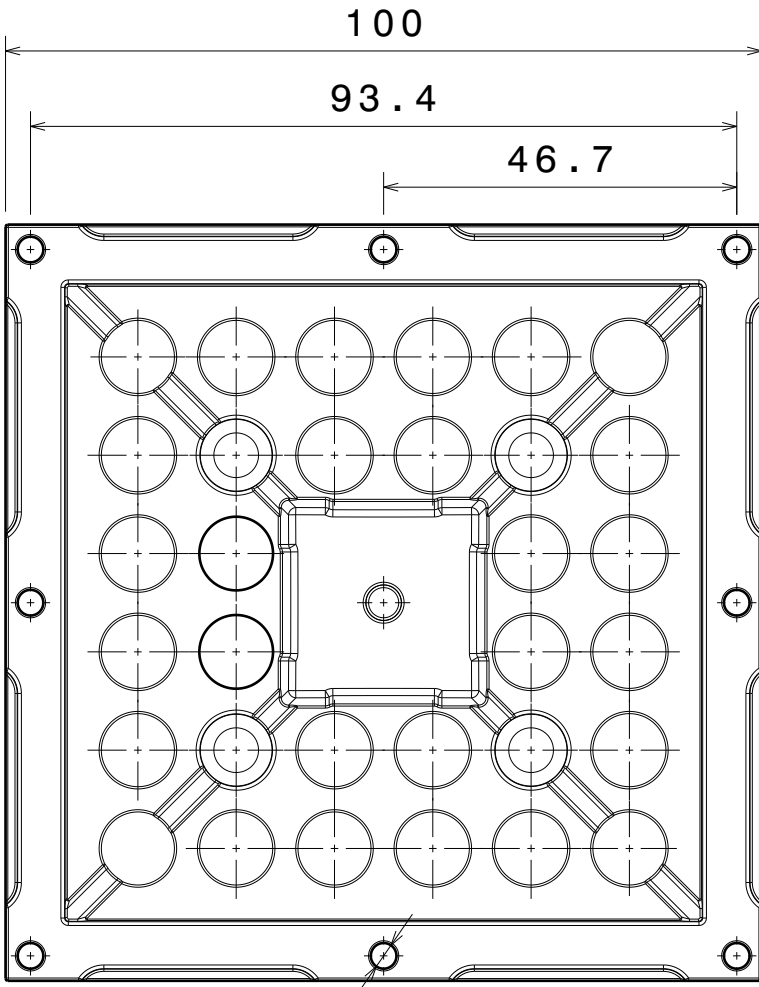
E

4

3

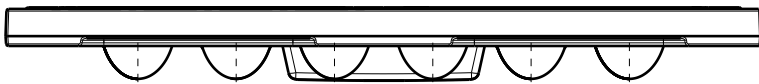
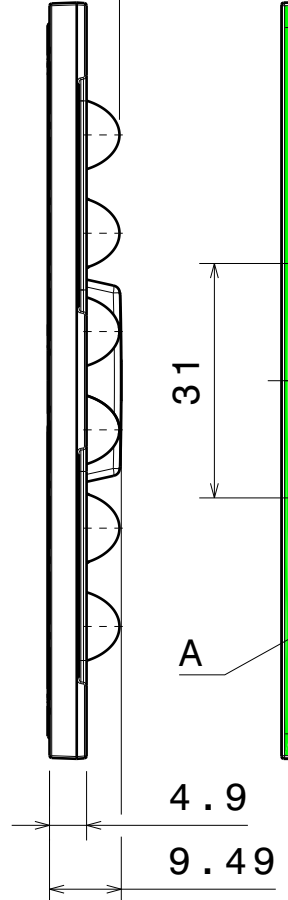
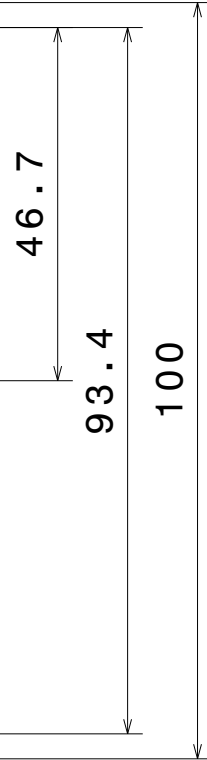
2

1

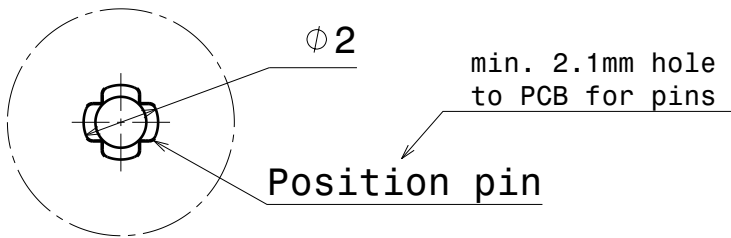
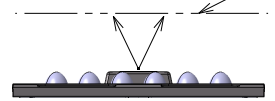


∅ 3.4

See Code table
Height (9.25)

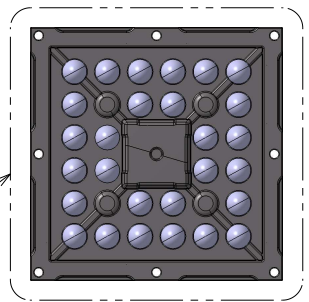


Light pattern direction



Detail A
Scale: 5:1

Light pattern direction



Notes

●	Heat Sink level
●	PCB level
●	Led location see red dot
Ensure LED fitting, see our web site and/or 3D model for part detail.	
See installation details page 2.	

H

G

H

G

F

E

4

Holes for

Position pin cutout

3

LED

MCPBC (for reference only)

2

See Notes for more details

LENS fixing:

8pcs M3 screw recommended for fixing
Use washer with screw if possible
Use maximum tightening torque of 0.60Nm
Countersunk screws not allowed

1

Notes

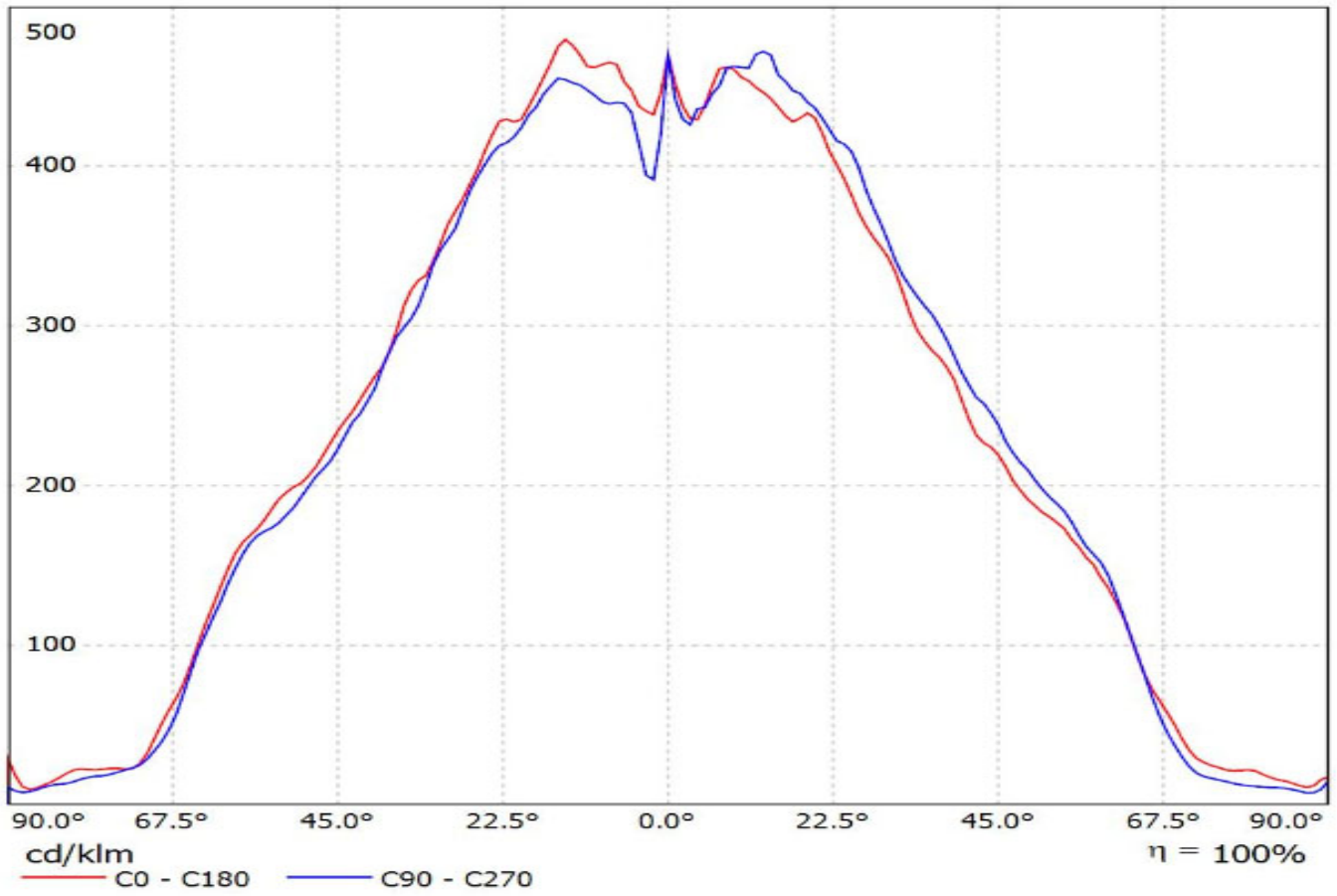
Please see more details for fastening in LEDiL Installation guide, www.ledil.com

Seal is tested to work in LEDiL's test assemblies. Customer is recommended to test the sealing in the end product due many variables, such as heat sink surface and possible chemical traces.

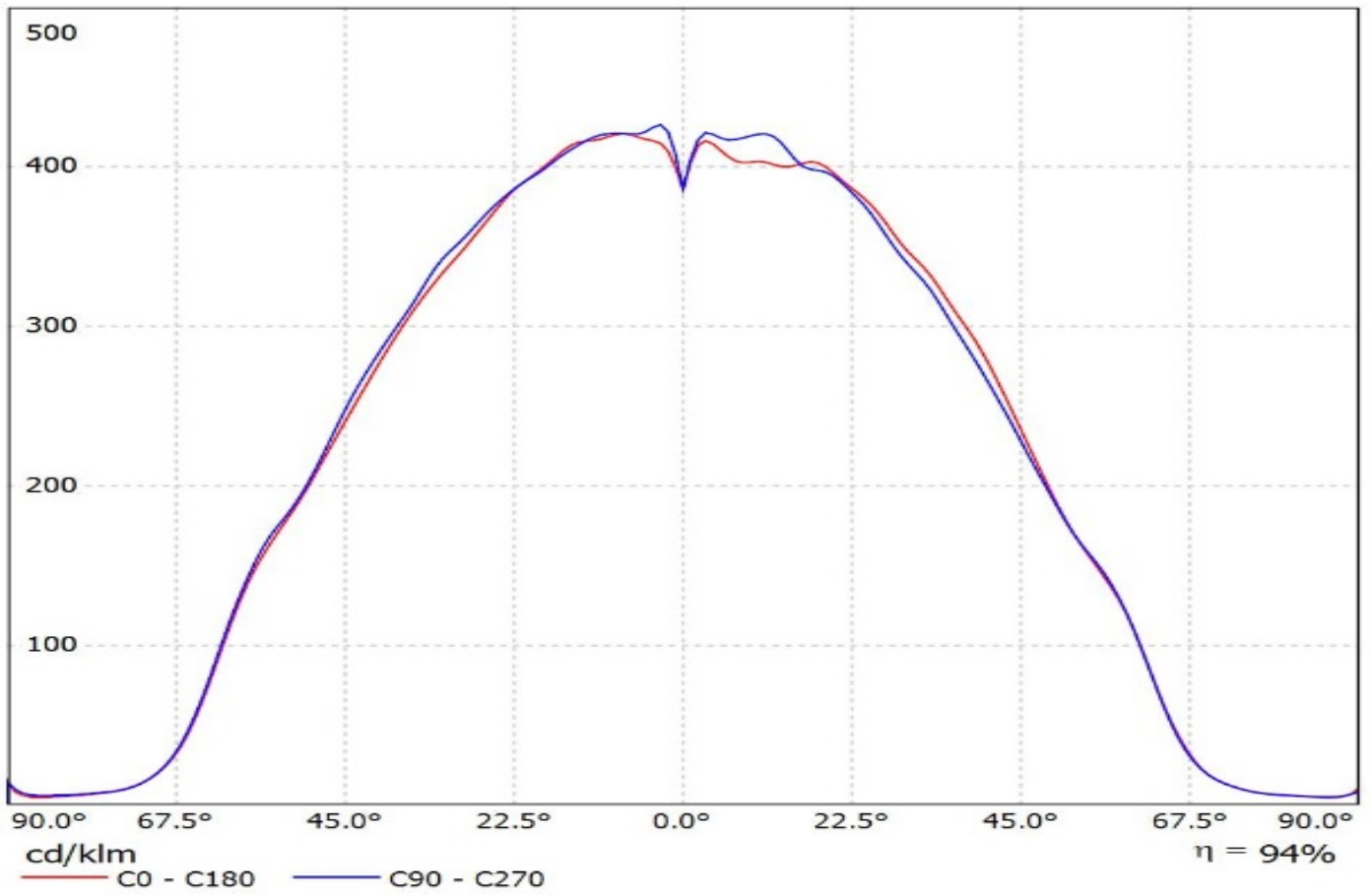
H

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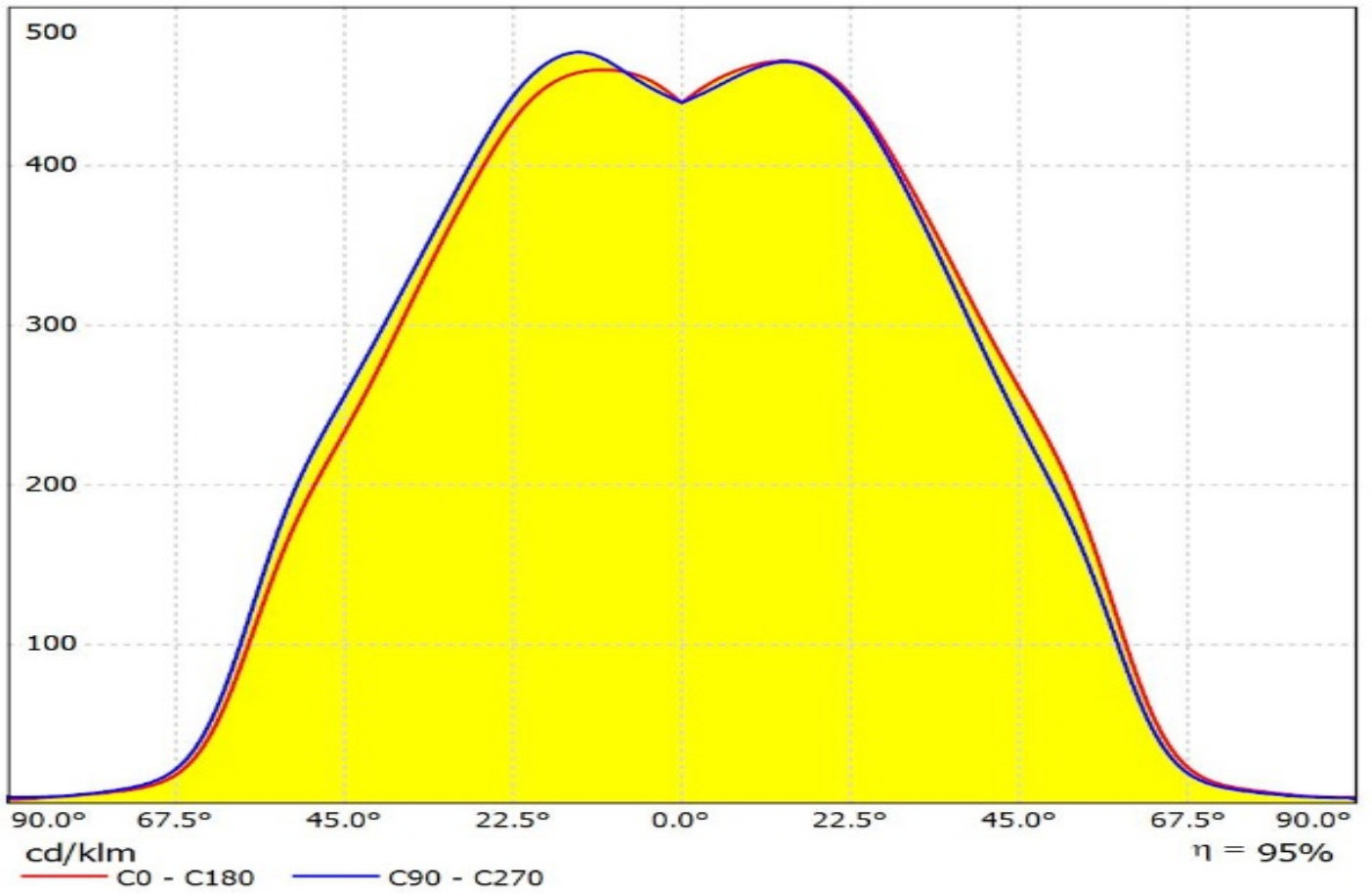
Valaisin: Ledil Oy CS16324_STRADELLA-IP-28-HB-W_(Cree XT-E)_SIMULATED
Lamput: 1 x Cree XT-E (100lm)

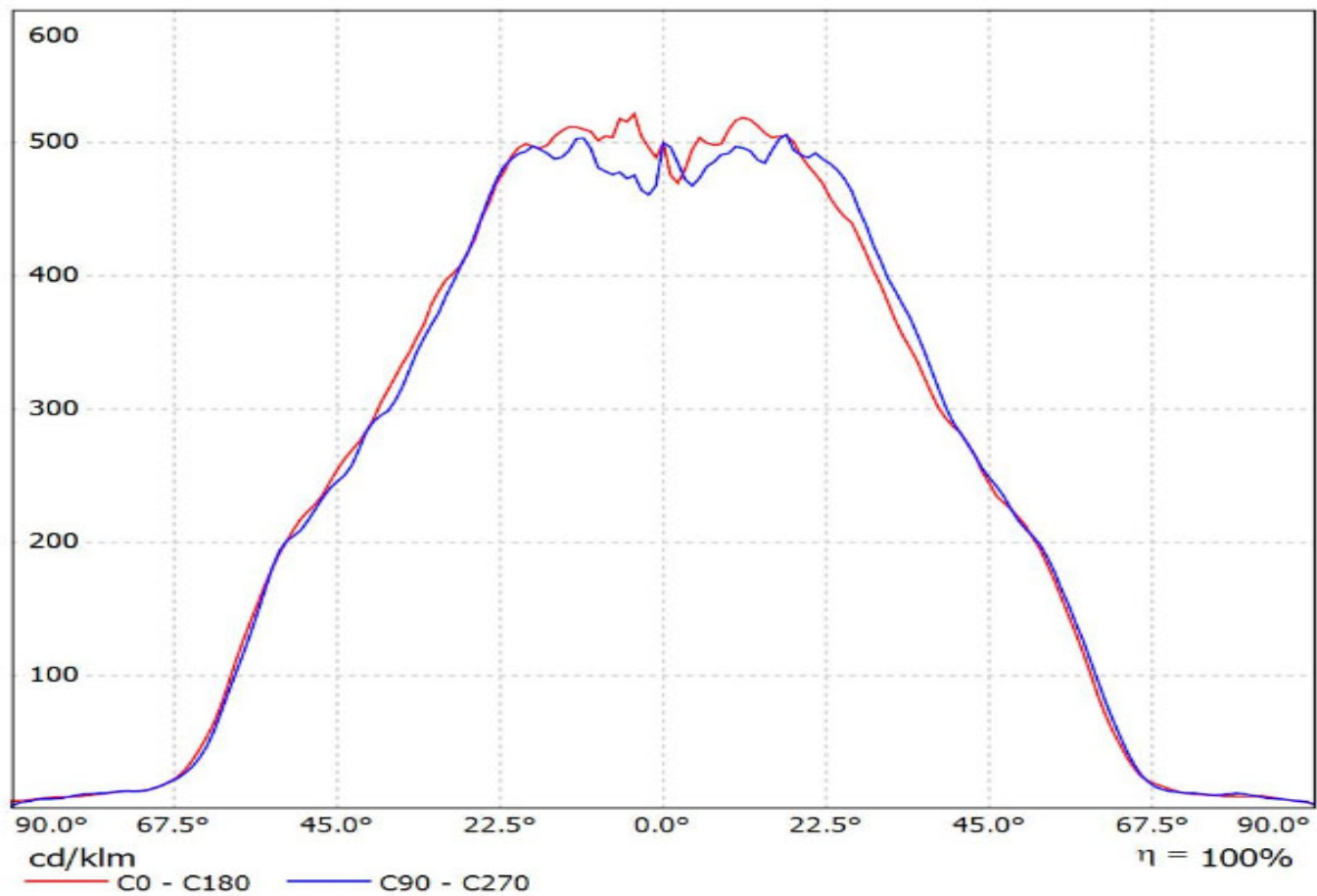


Luminaire: Ledil Oy CS16324_STRADELLA-IP-28-HB-W_(XP-G3)_SIMULATED
Lamps: 1 x Cree XP-G3

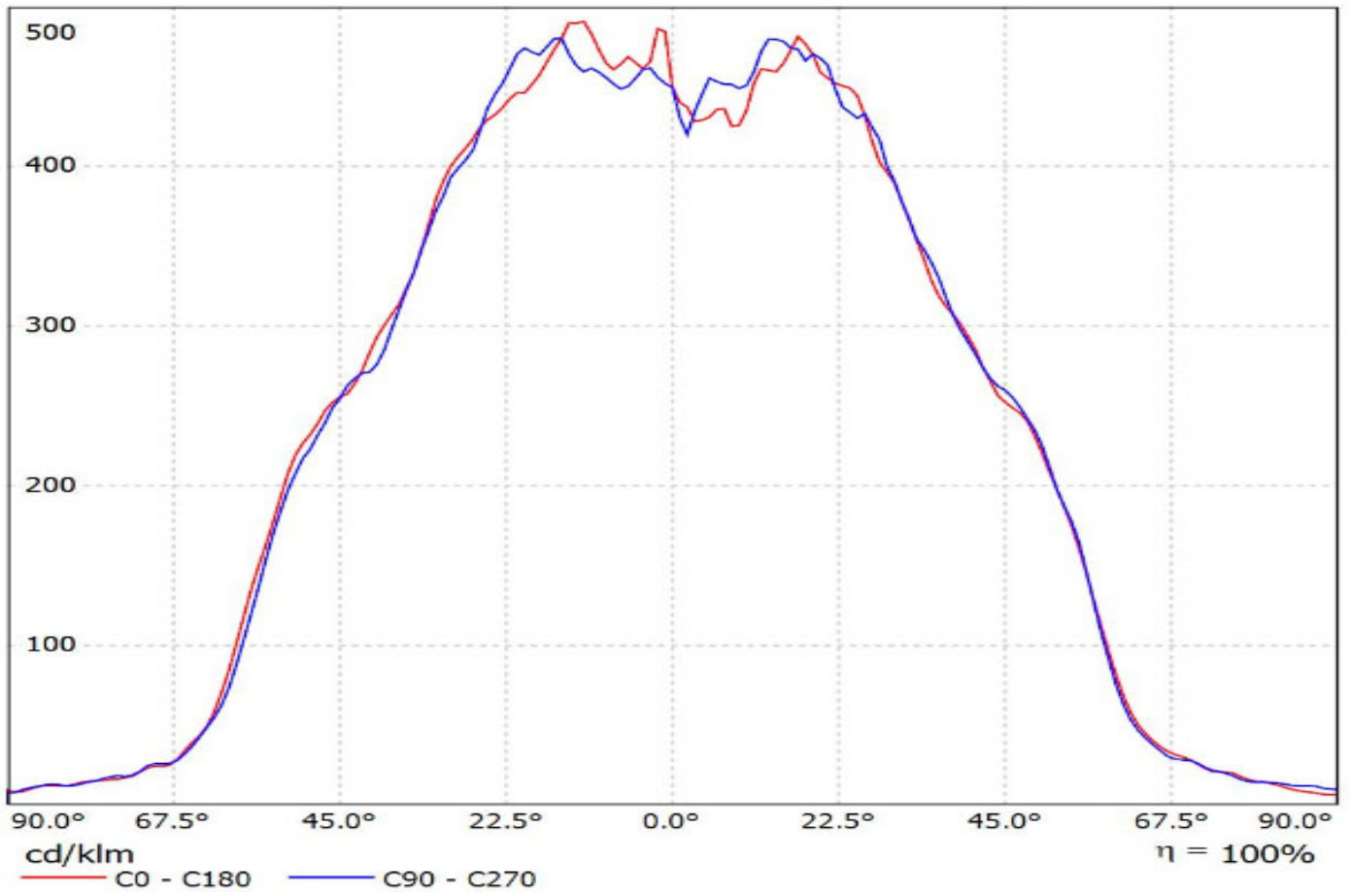


Luminaire: Ledil Oy CS16324_STRADELLA-IP-28-HB-W_(J_Series_3030_-_JK3030_3V)_SIMULATED
Lamps: 1 x Cree JK3030 3V

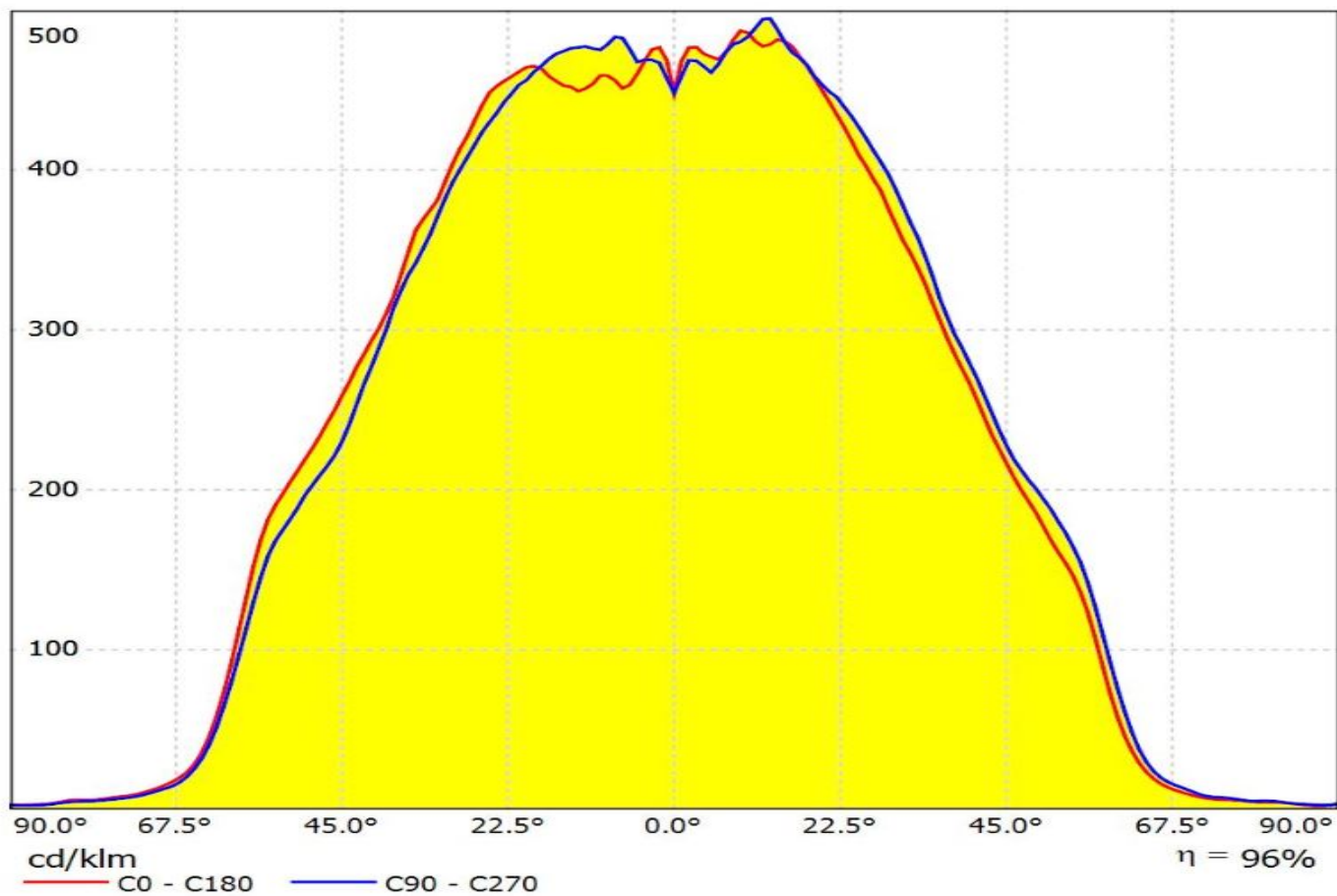




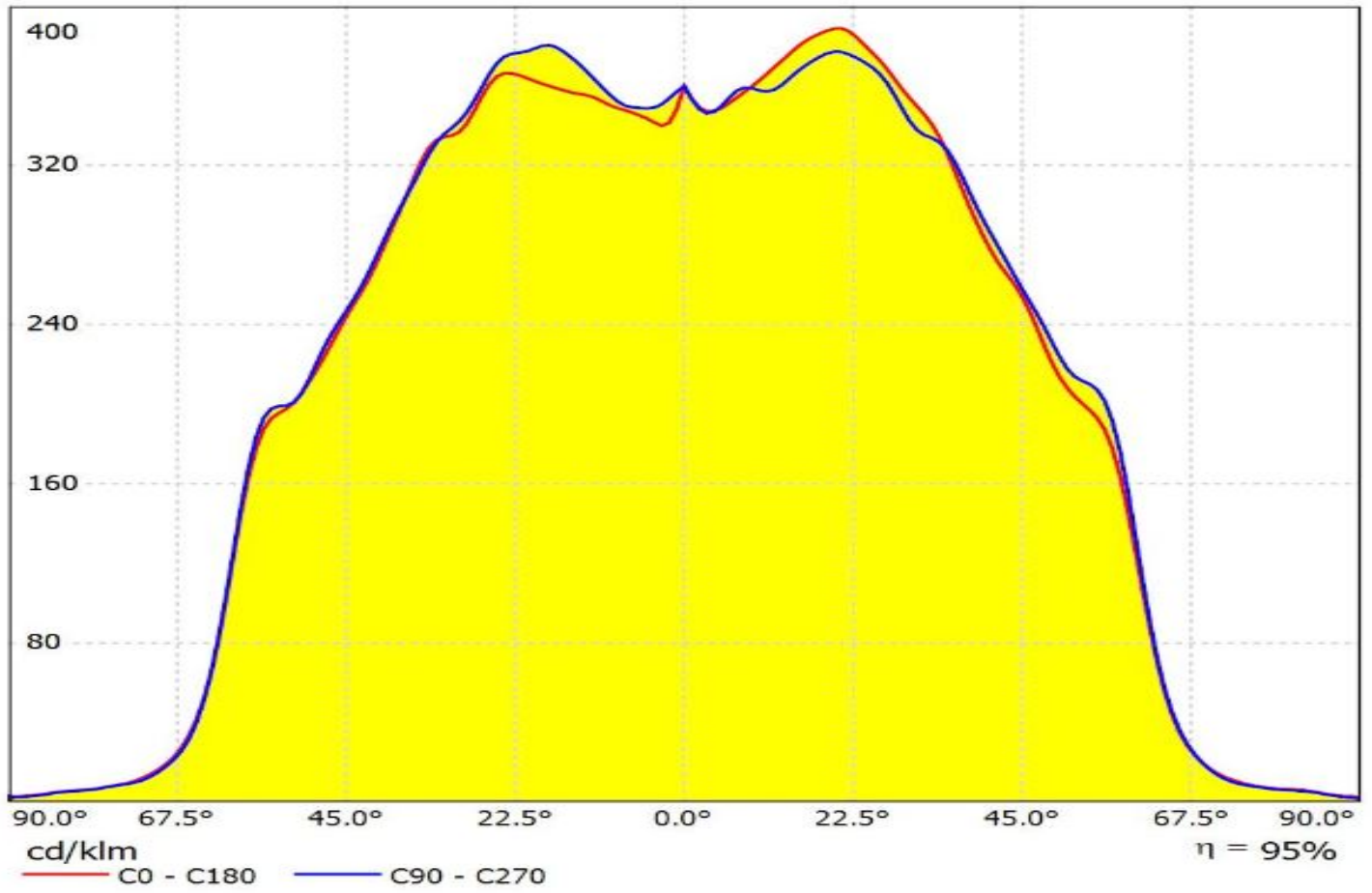
Valaisin: Ledil Oy CS16324_STRADELLA-IP-28-HB-W_(Nichia NVSLE21A)_SIMULATED
Lamput: 1 x Nichia NVSLE21A (100lm)



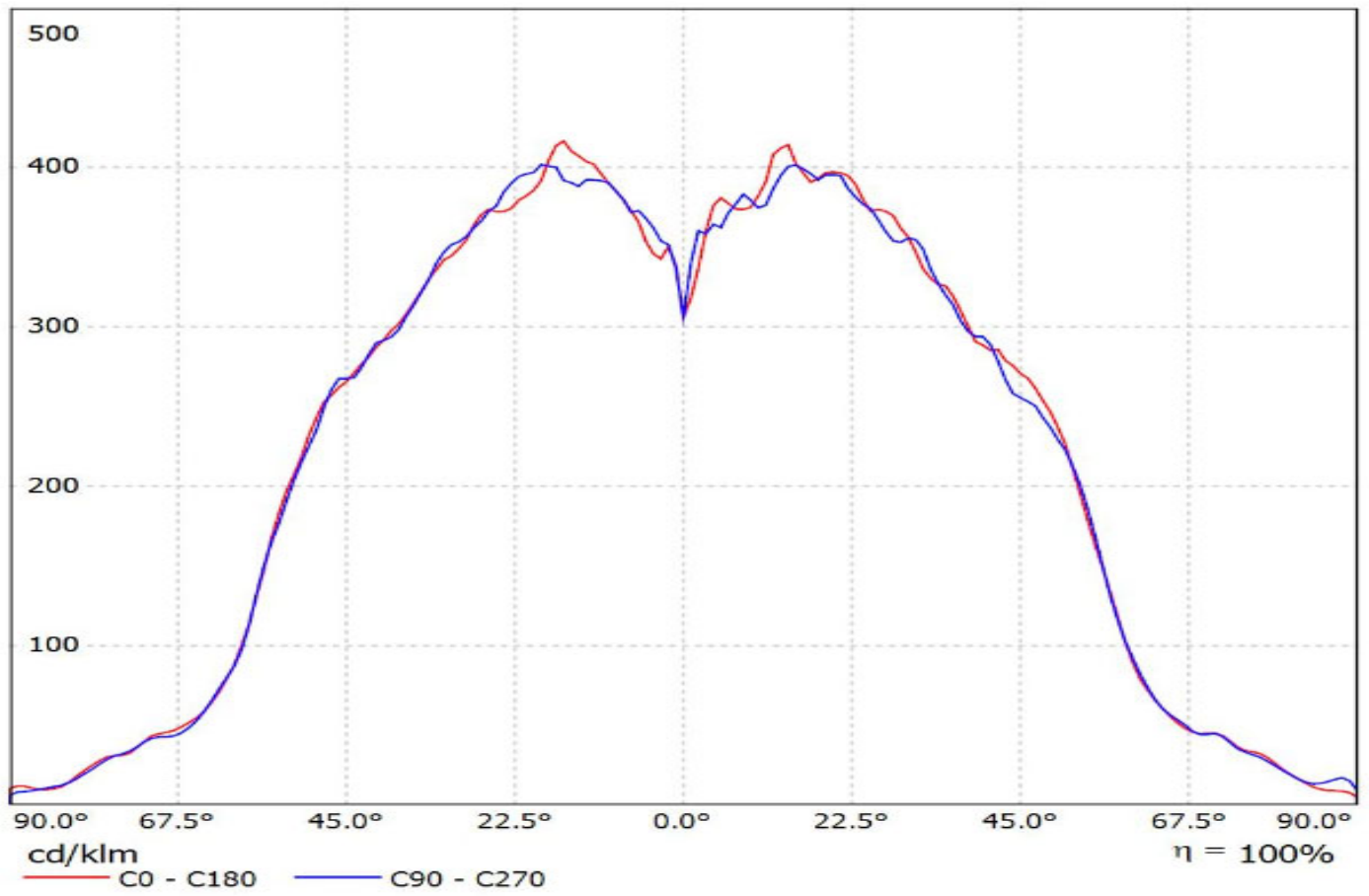
Luminaire: Ledil Oy SIMULATION SIMULATION
Lamps: 1 x SIMULATION - 1.00 W



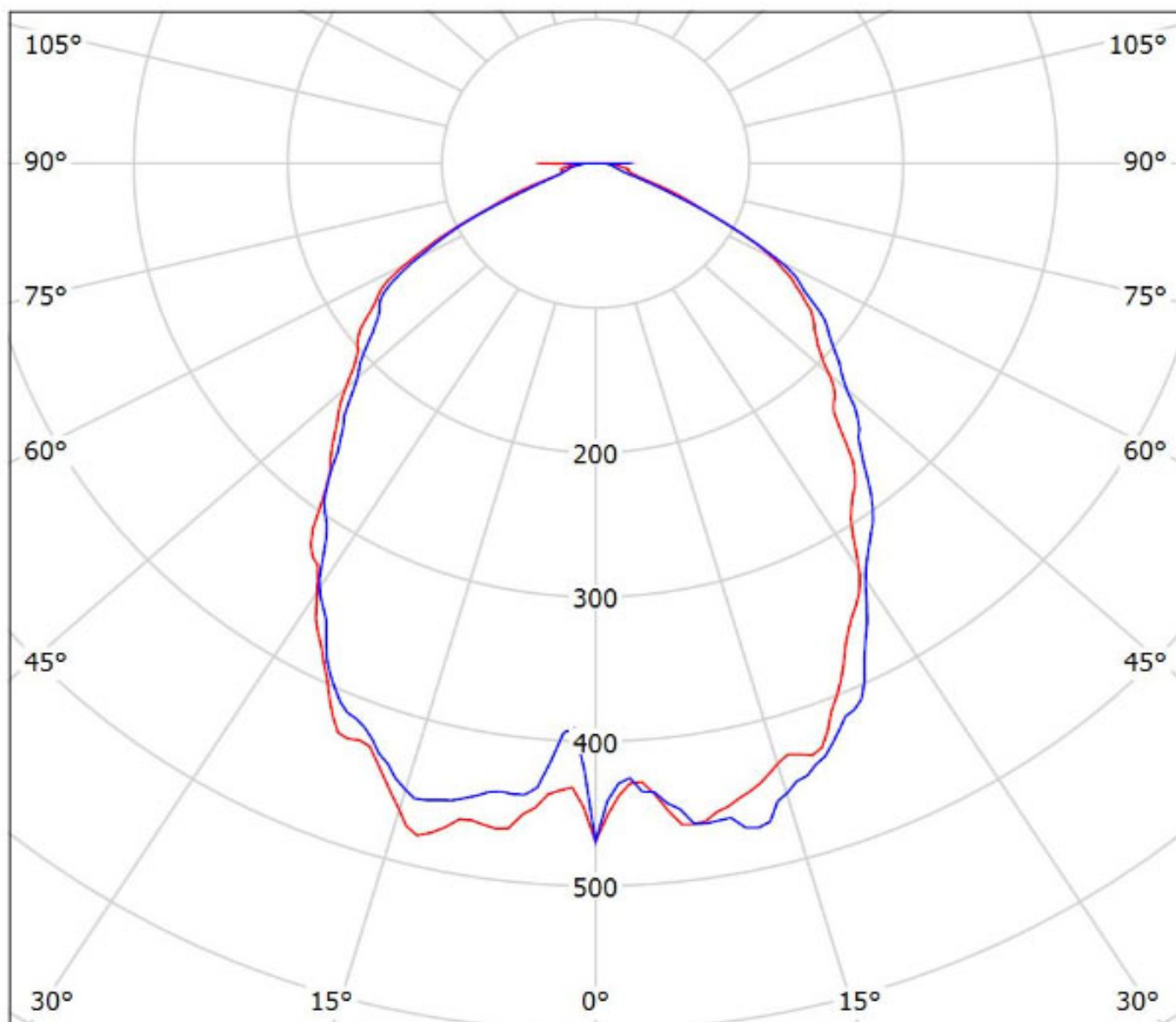
Luminaire: Ledil Oy CS16324_STRADELLA-IP-28-HB-W_(Oslon SSL 150)_SIMULATED
Lamps: 1 x Osram Oslon SSL 150 (GW_CSHPM1pm)



Valaisin: Ledil Oy CS16324_STRADELLA-IP-28-HB-W_(Seoul Z8Y22)_SIMULATED
Lamput: 1 x Seoul Z8Y22 (100lm)



Valaisin: Ledil Oy CS16324_STRADELLA-IP-28-HB-W_(Cree XT-E)_SIMULATED
Lamput: 1 x Cree XT-E (100lm)

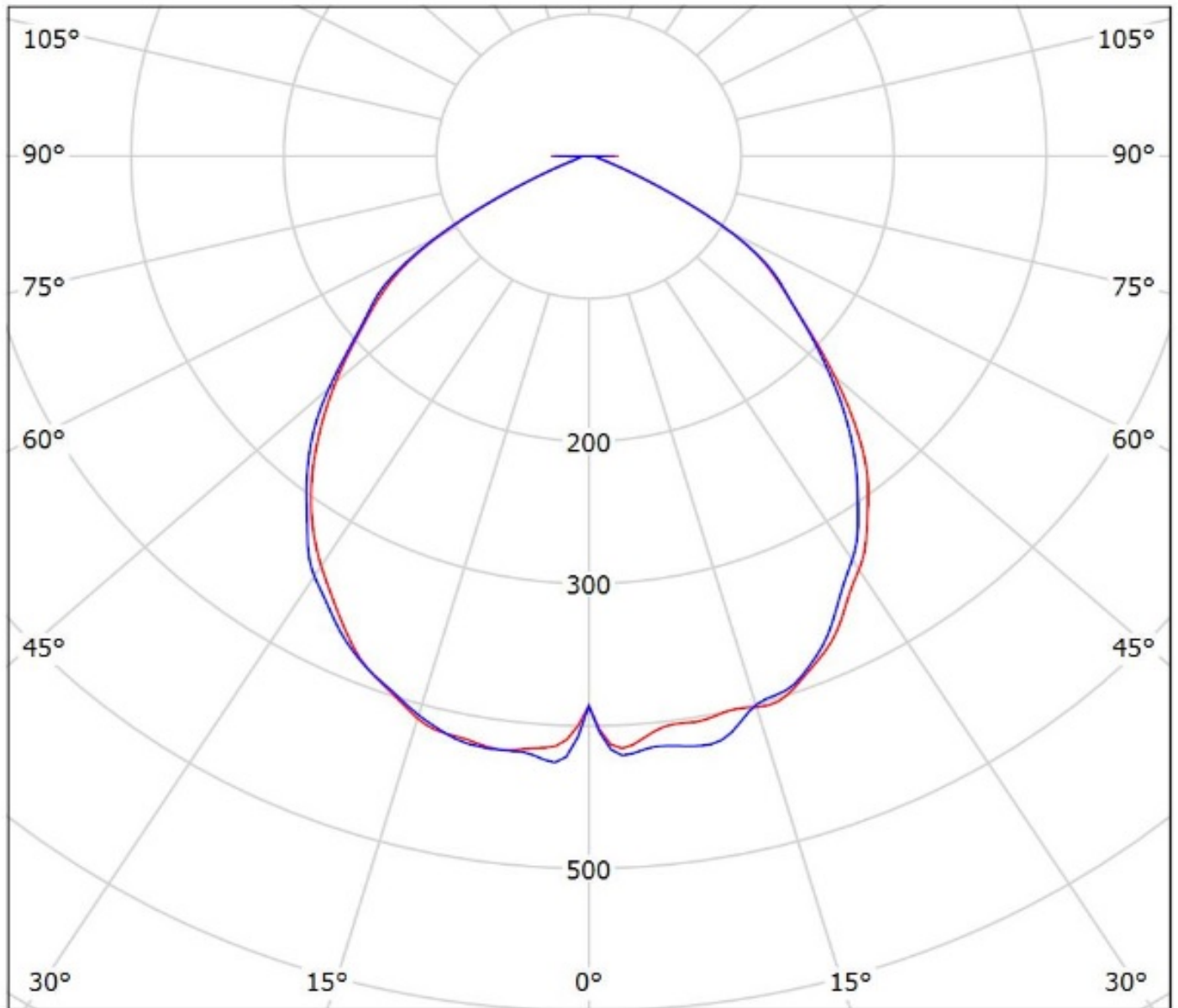


cd/klm

— C0 - C180 — C90 - C270

$\eta = 100\%$

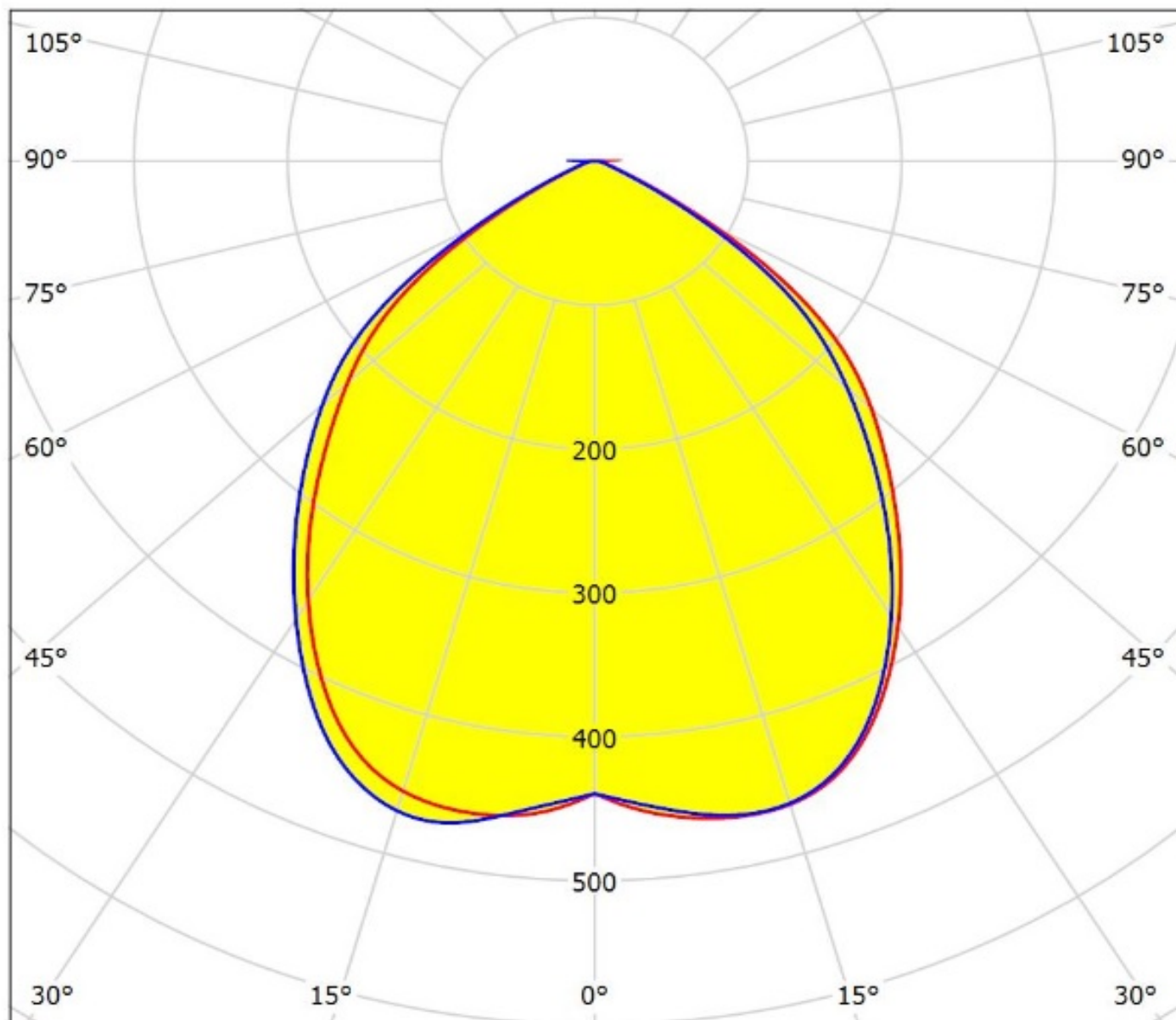
Luminaire: Ledil Oy CS16324_STRADELLA-IP-28-HB-W_(XP-G3)_SIMULATED
Lamps: 1 x Cree XP-G3



cd/klm
— C0 - C180 — C90 - C270

$\eta = 94\%$

Luminaire: Ledil Oy CS16324_STRADELLA-IP-28-HB-W_(J_Series_3030_-_JK3030_3V)_SIMULATED
Lamps: 1 x Cree JK3030 3V

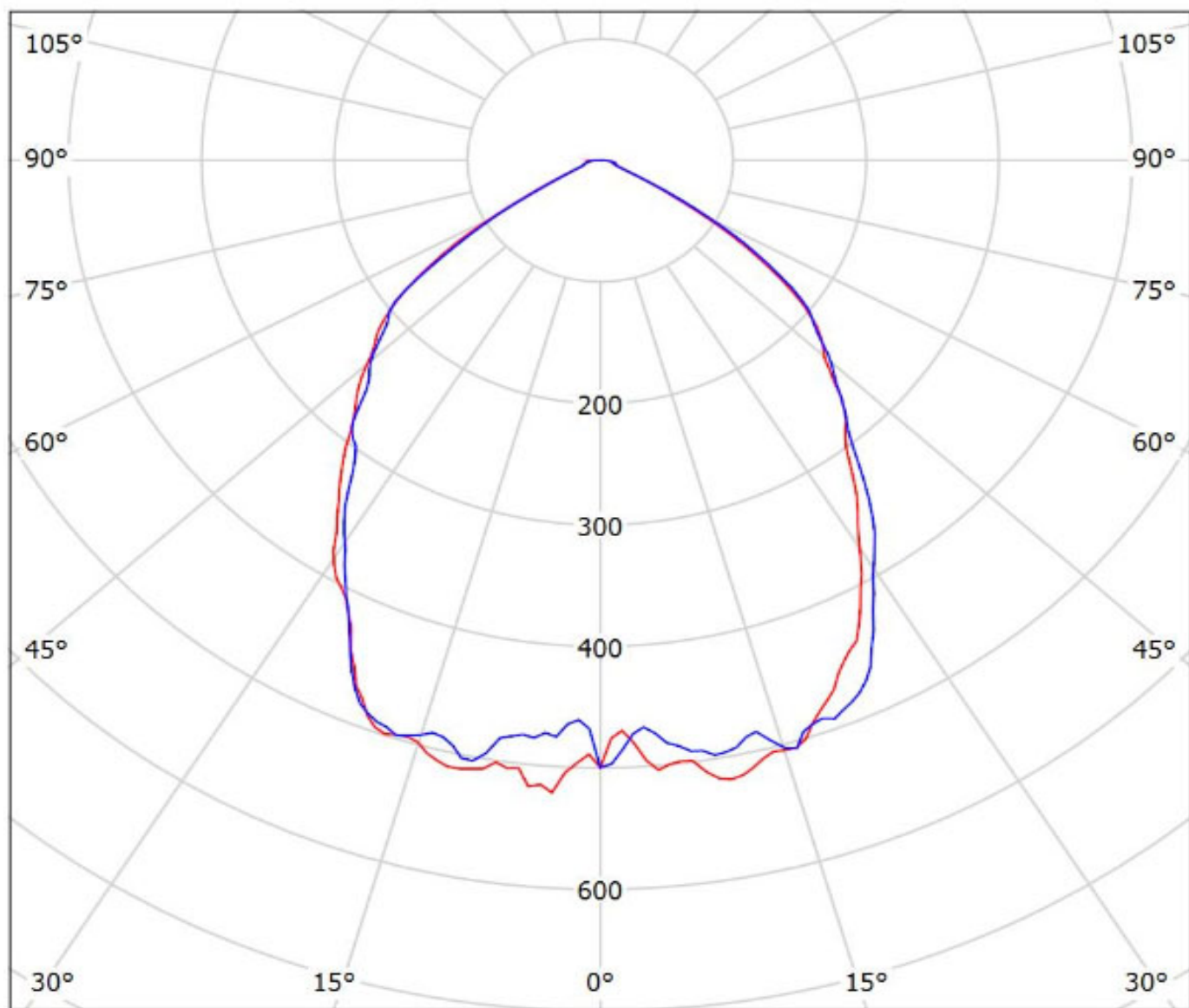


cd/klm

— C0 - C180 — C90 - C270

$\eta = 95\%$

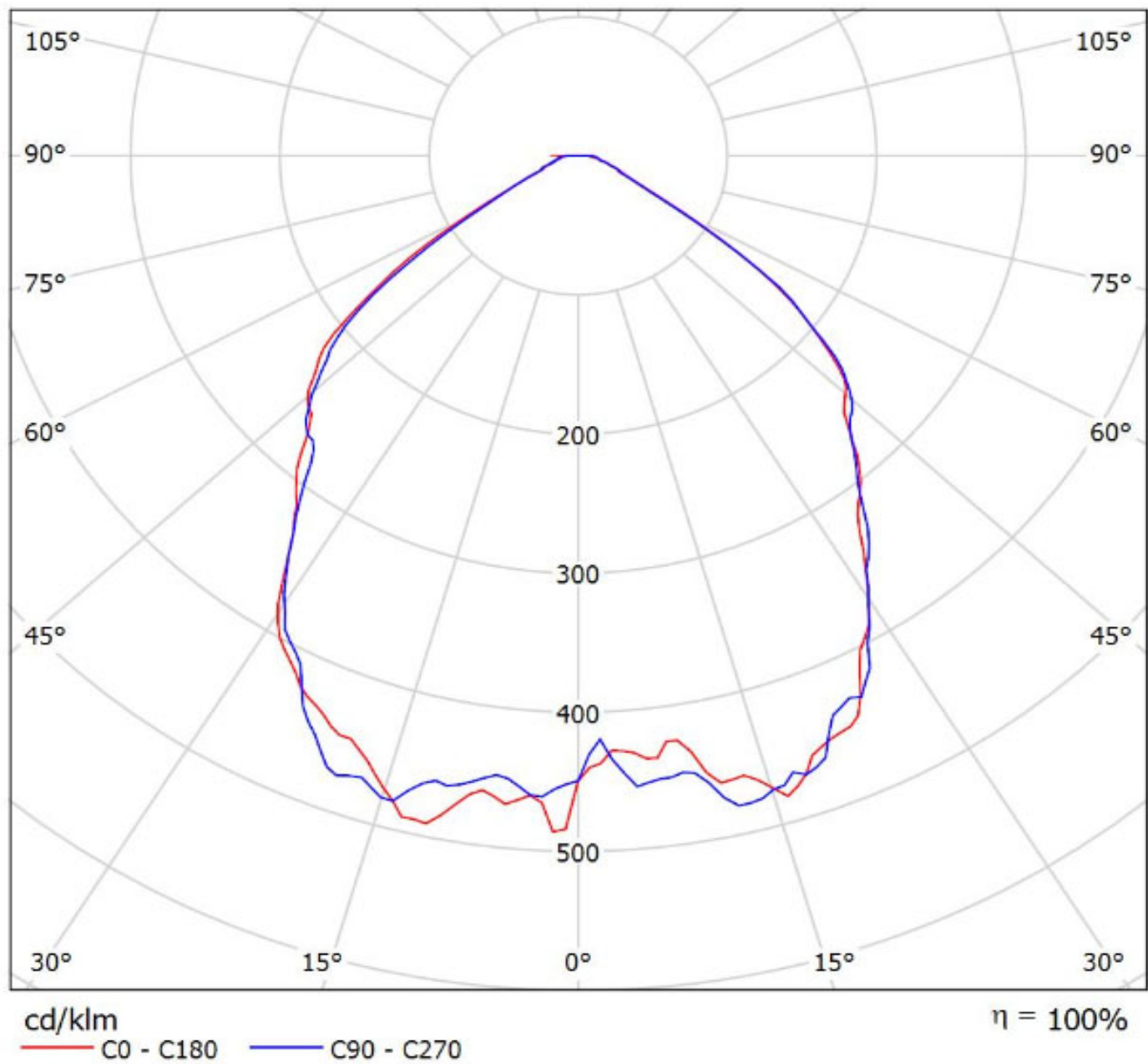
Valaisin: Ledil Oy CS16324 STRADELLA-IP-28-HB-W_(Luxeon 3030 2D)_SIMULATED
Lamput: 1 x LUXEON 3030 2D (100lm)



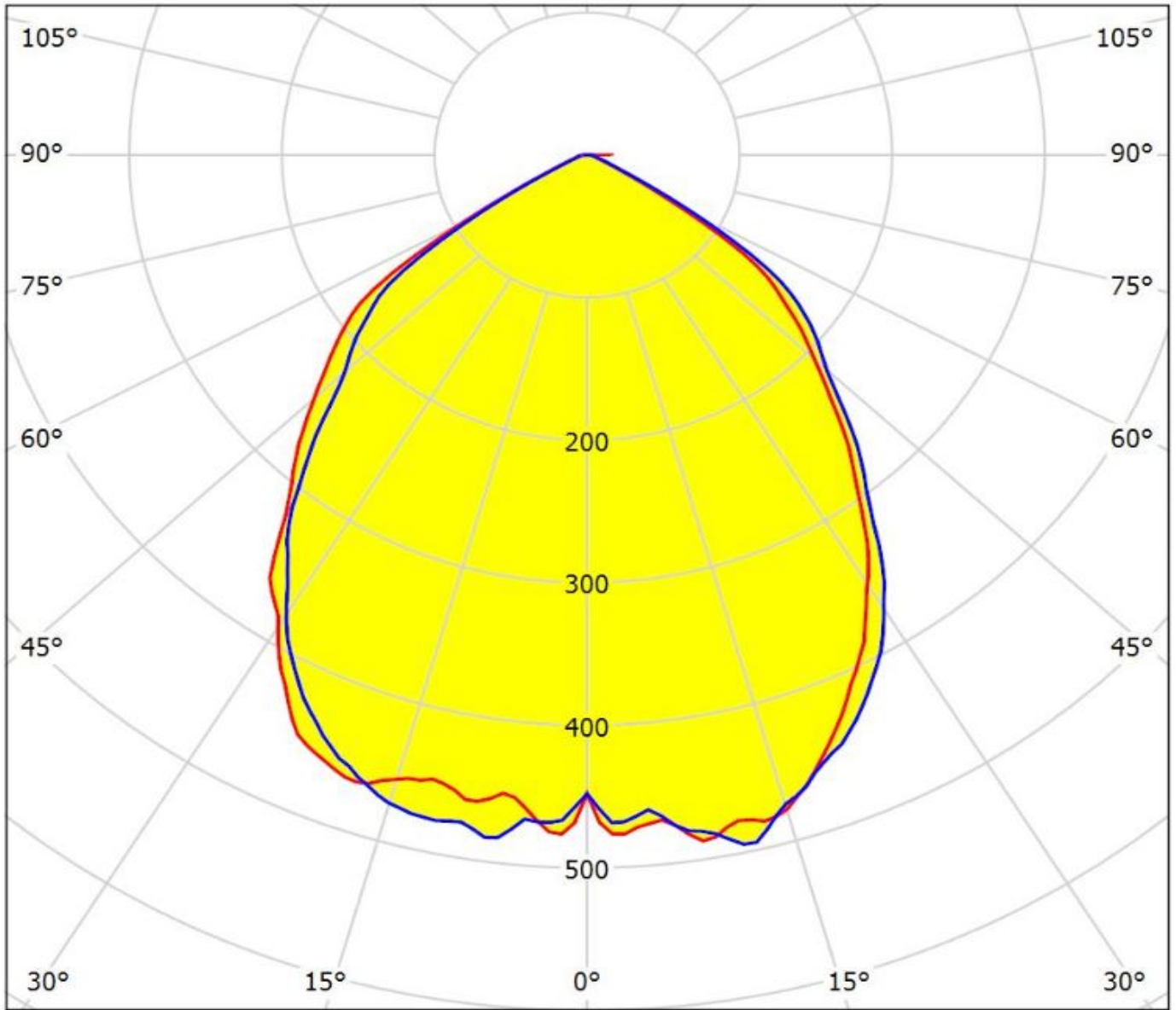
cd/klm
— C0 - C180 — C90 - C270

$\eta = 100\%$

Valaisin: Ledil Oy CS16324_STRADELLA-IP-28-HB-W_(Nichia NVSLE21A)_SIMULATED
Lamput: 1 x Nichia NVSLE21A (100lm)



Luminaire: Ledil Oy SIMULATION SIMULATION
Lamps: 1 x SIMULATION - 1.00 W

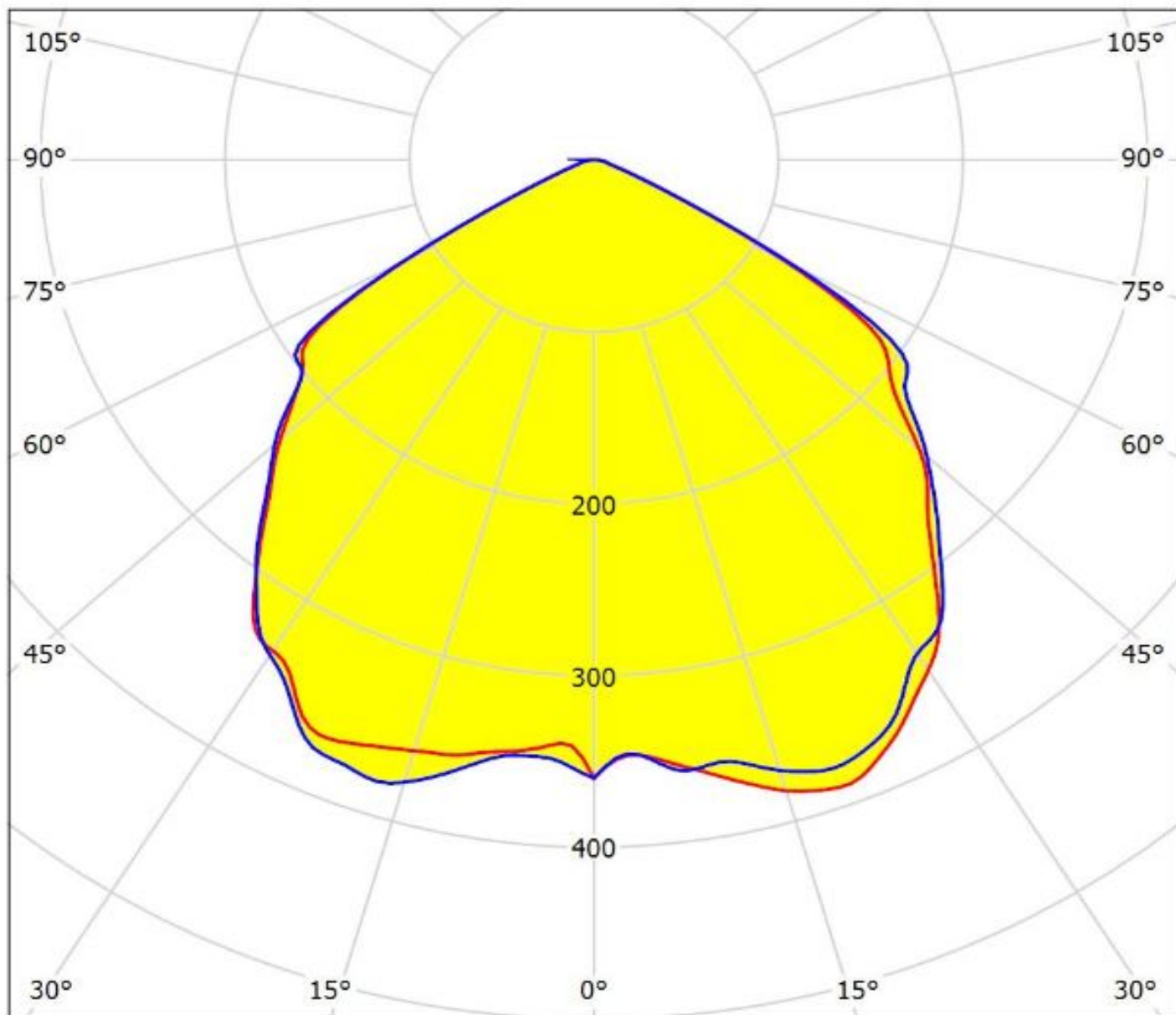


cd/klm

— C0 - C180 — C90 - C270

$\eta = 96\%$

Luminaire: Ledil Oy CS16324_STRADELLA-IP-28-HB-W_(Oslon SSL 150)_SIMULATED
Lamps: 1 x Osram Oslon SSL 150 (GW_CSHPM1pm)

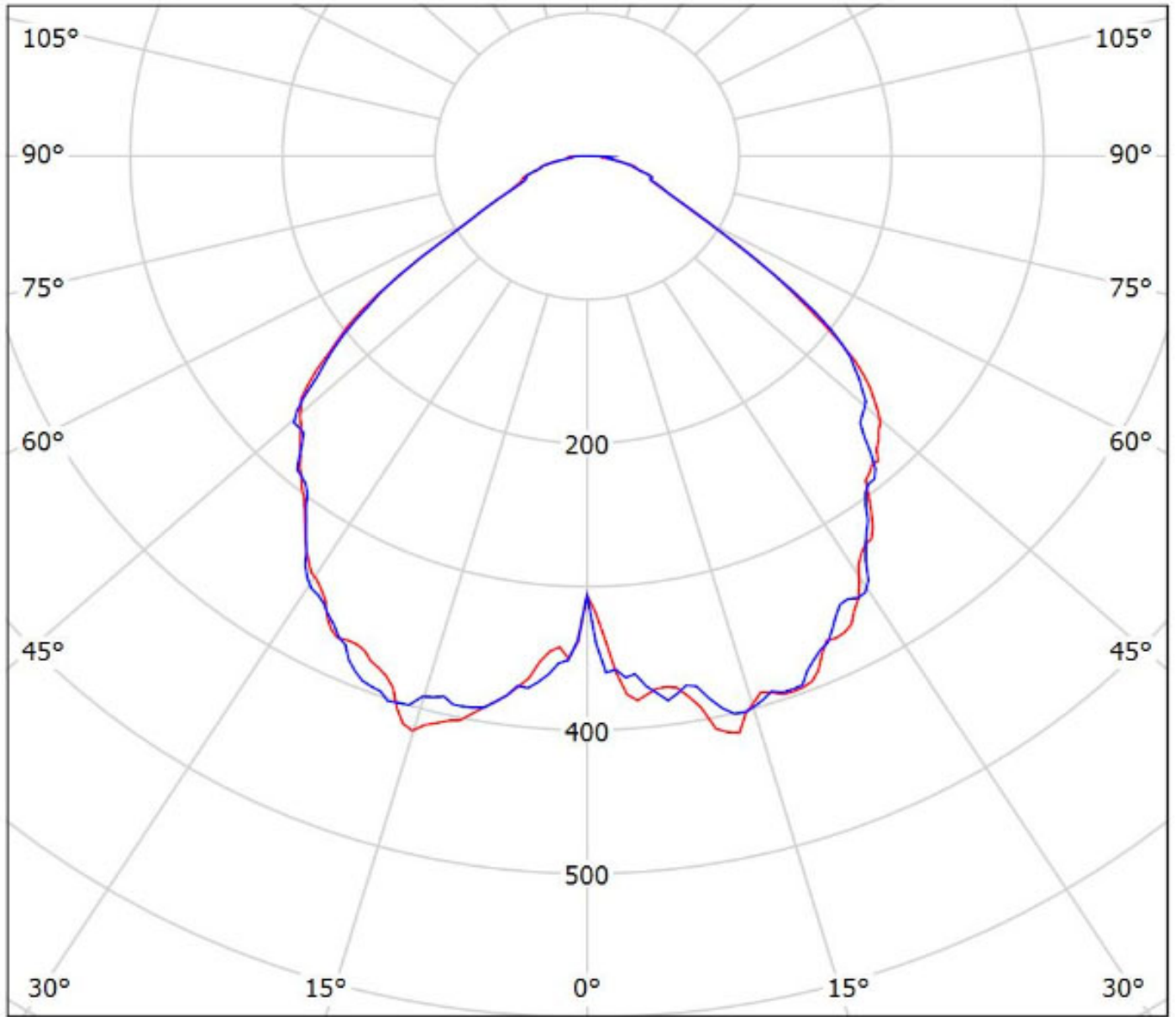


cd/klm

— C0 - C180 — C90 - C270

$\eta = 95\%$

Valaisin: Ledil Oy CS16324_STRADELLA-IP-28-HB-W_(Seoul Z8Y22)_SIMULATED
Lamput: 1 x Seoul Z8Y22 (100lm)



cd/klm
— C0 - C180 — C90 - C270

$\eta = 100\%$

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.

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