

## DETAILS

<b>Product Number</b>	C15677_STRADELLA-8-SCL
<b>Family</b>	Stradella
<b>Type</b>	Lens array
<b>Color</b>	clear
<b>Diameter</b>	49,5+49,5 mm
<b>Height</b>	5,4 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>	2/12/2016

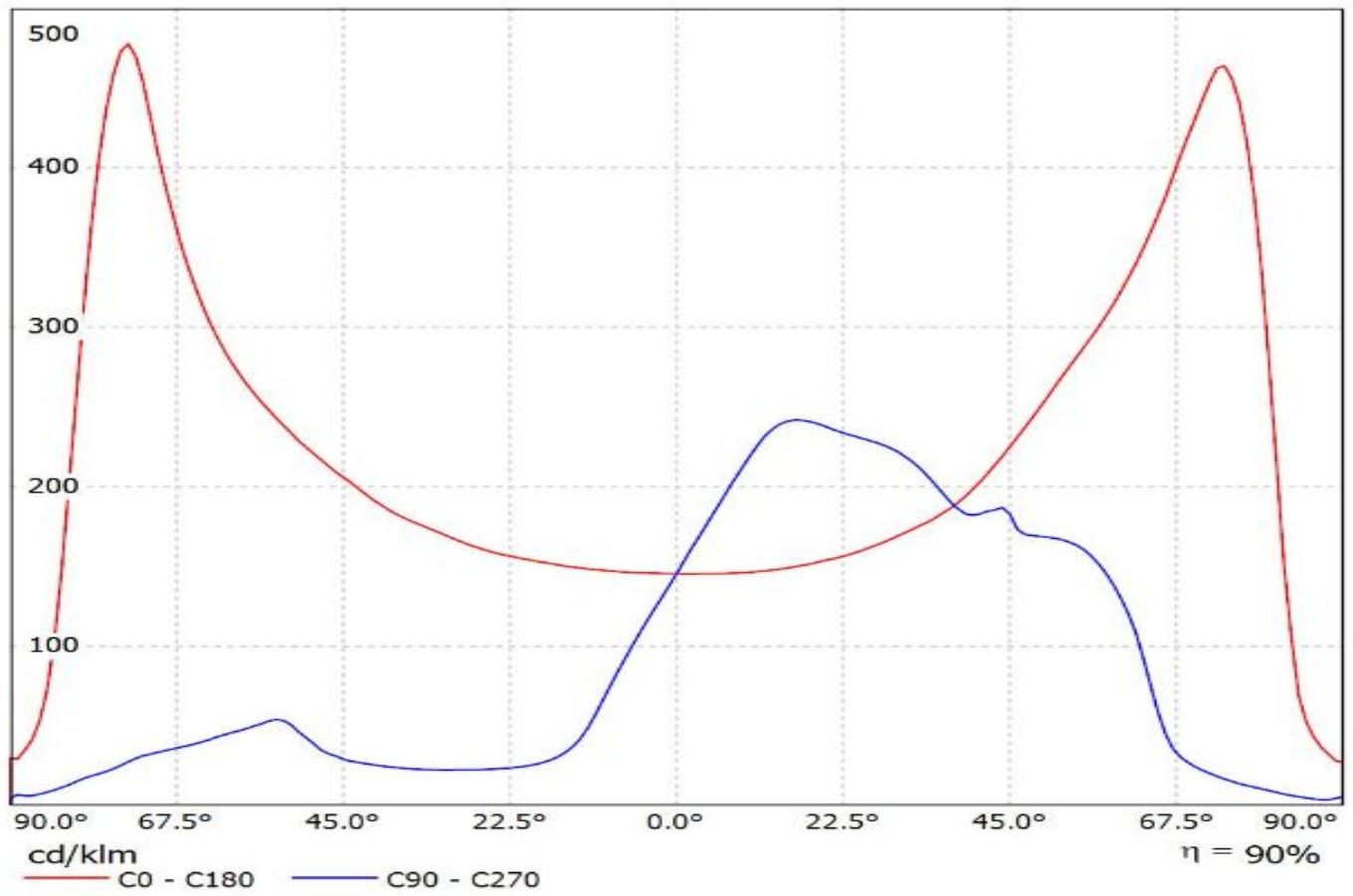


## OPTICAL PROPERTIES

LED	Viewing	Light	Effi-		Connector
	Angle	Beam	ciency	cd/lm	
QUICK FLUX XT 2x8 xxx STRDLL G5	Asymmetric deg	Streetligh...	90 %	0.720	-
XT-E	Asymmetric deg	Streetligh...	93 %	0.740	-
XP-G3	sim: Asymmetri	Streetligh...	sim: 90 %	sim: 0.550	-
LUXEON 3030 2D	Asymmetric deg	Streetligh...	94 %	0.840	-
NVSxE21A	sim: Asymmetri	Streetligh...	sim: 91 %	sim: 0.770	-
Oslon Square PC	sim: Asymmetri	Streetligh...	sim: 91 %	sim: 0.680	-
Oslon Square Gen3	sim: Asymmetri	Streetligh...	sim: 91 %	sim: 0.740	-
Oslon Square PC	sim: Asymmetri	Streetligh...	sim: 80 %	sim: 0.390	Undefined Manufacturer: Protective Plate, Glass
LM301A	sim: Asymmetri	Streetligh...	sim: 93 %	sim: 0.790	-
LH351C	sim: Asymmetri	Streetligh...	sim: 91 %	sim: 0.540	-
Z8Y22P	Asymmetric deg	Streetligh...	93 %	0.600	-

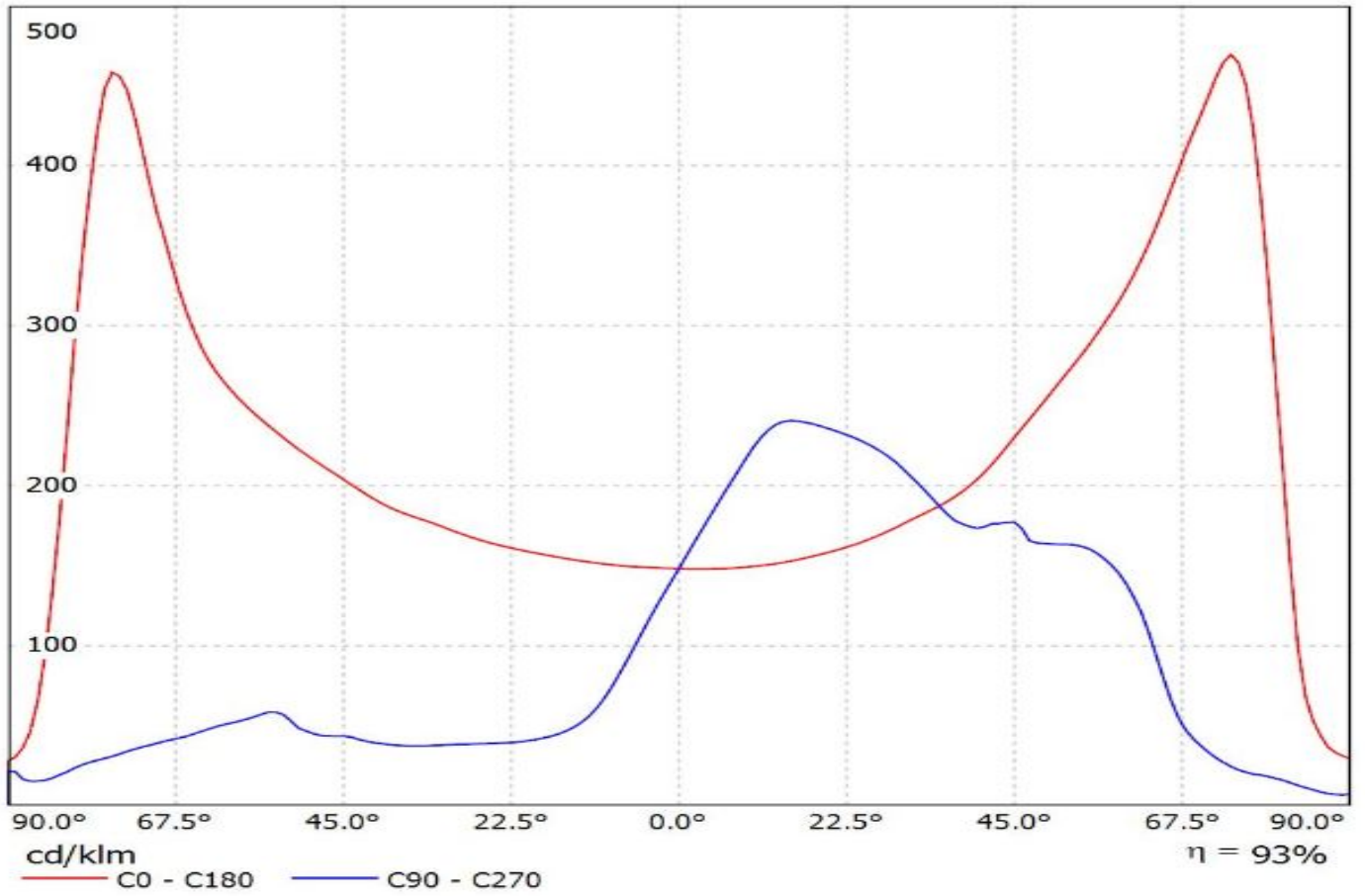


Luminaire: Ledil C15677\_STRADELLA-8-SCL\_(QUICK-FLUX-EngXP-750-StrdII16)  
Lamps: 1 x Cree\_XT-E-HE\_QUICK-FLUX-EngXP-750-StrdII16\_1847.62lm@250mA\_P=11.5481W\_I=0.25A

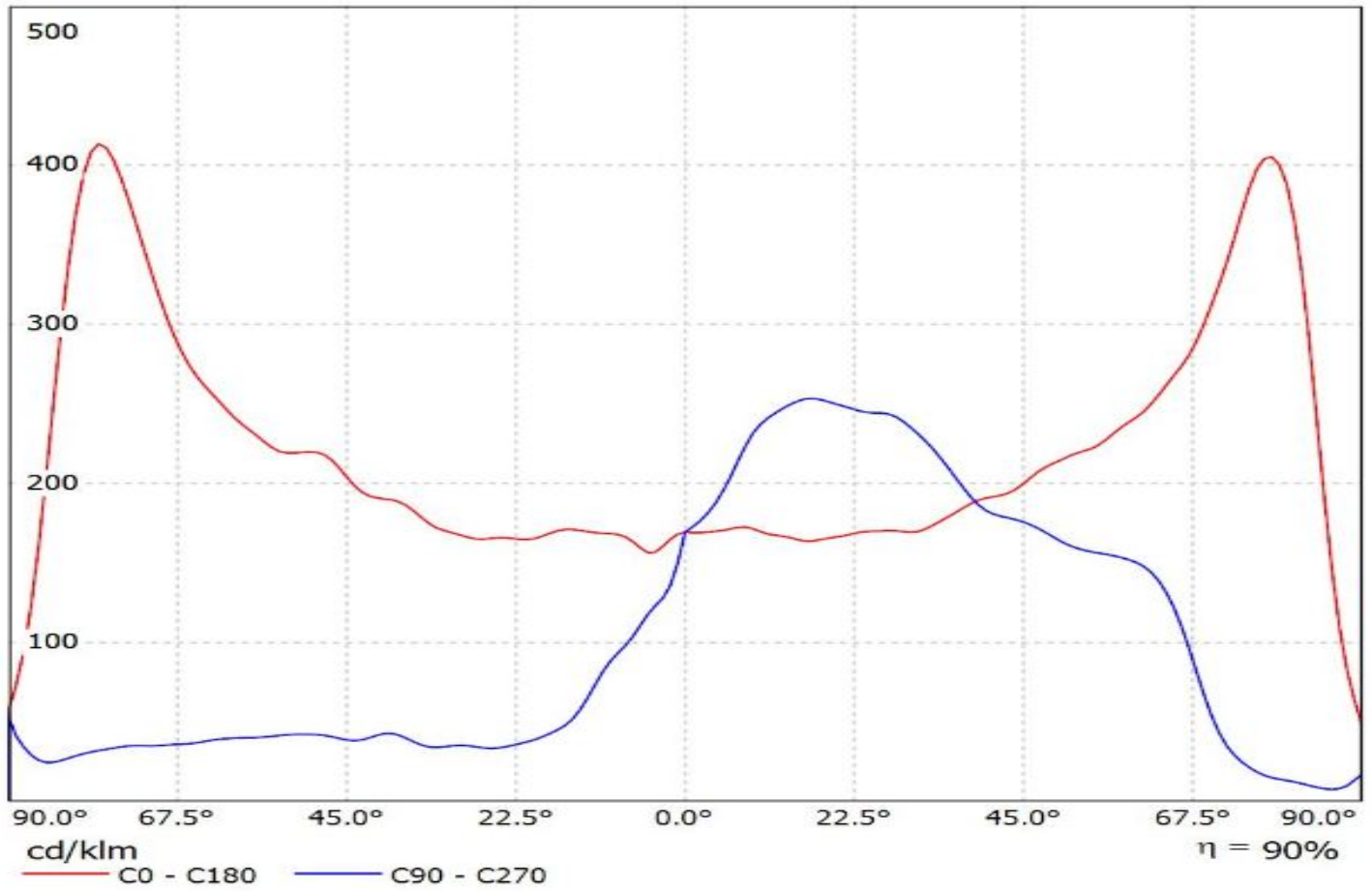


Luminaire: Ledil C15677\_STRADELLA-8-SCL\_(XT-E)

Lamps: 1 x Cree\_XT-E\_(XTEAWT-0-2A0-R30-FB0001)\_797.699lm@250mA\_P=5.962W\_I=0.250A

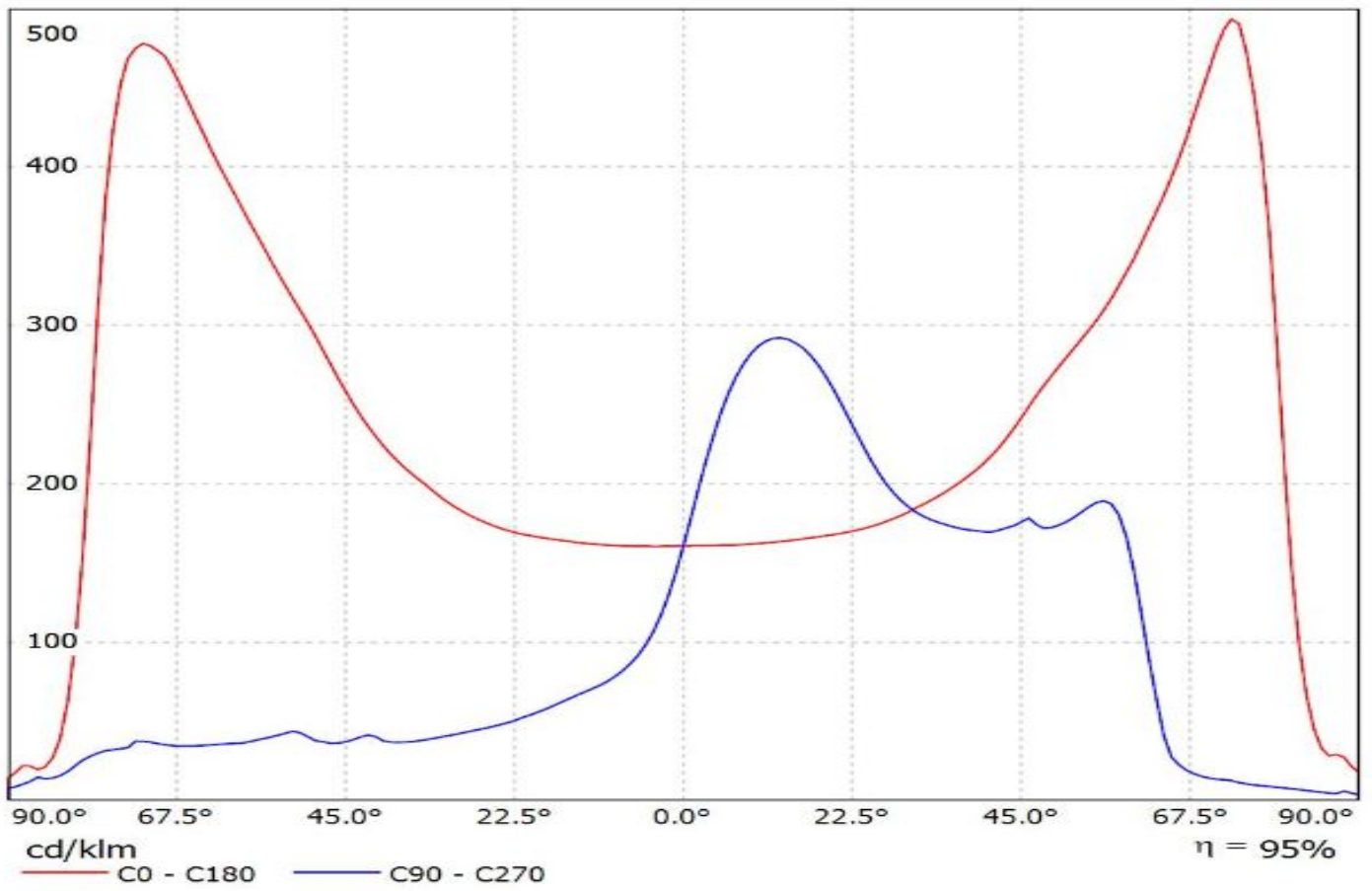


Luminaire: Ledil Oy C15677\_STRADELLA-8-SCL\_SIMULATED  
Lamps: 1 x Cree\_XP-G3

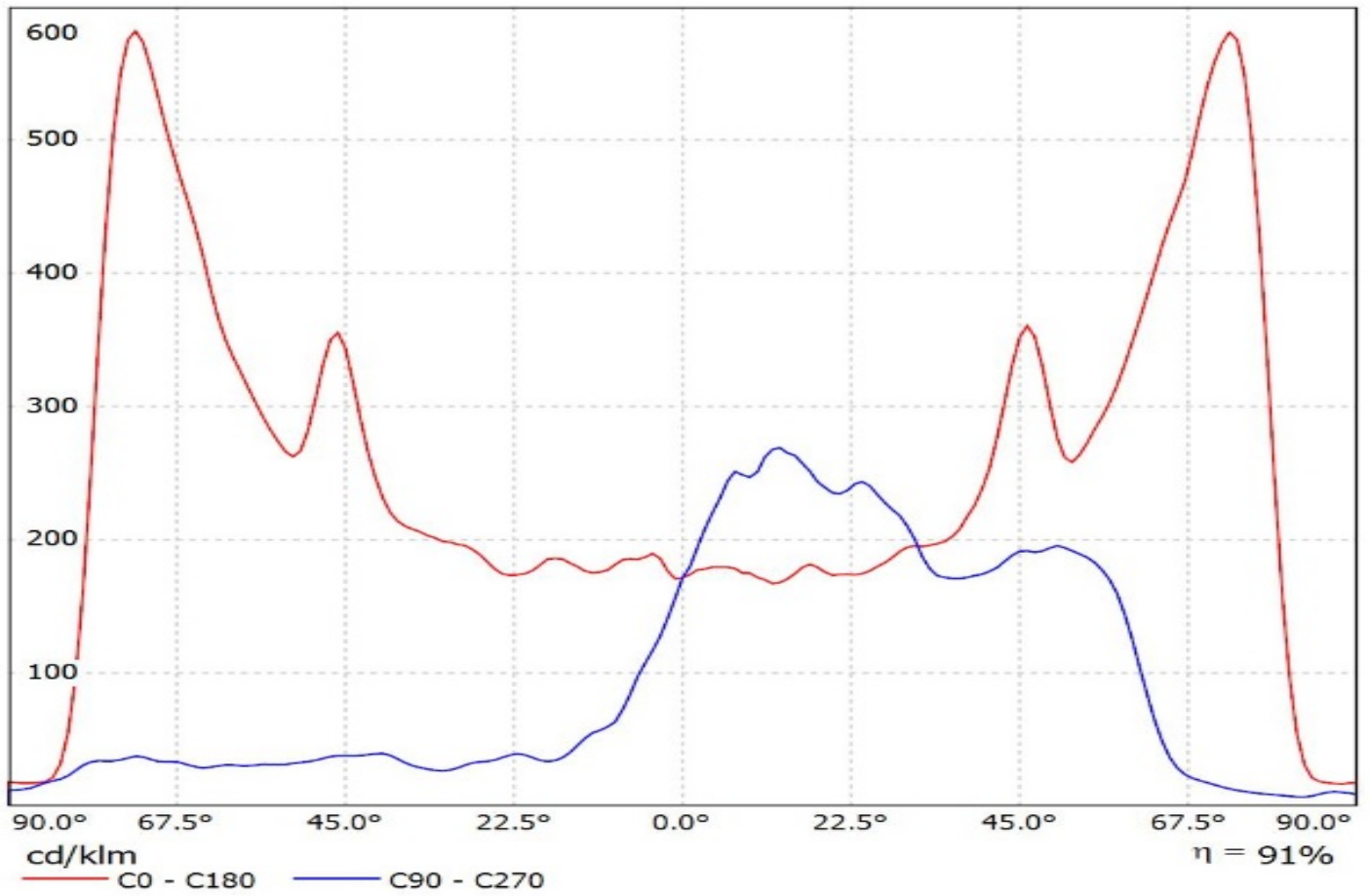


Luminaire: LEDiL Oy C15677\_STRADELLA-8-SCL\_(Luxeon\_3030\_2D)

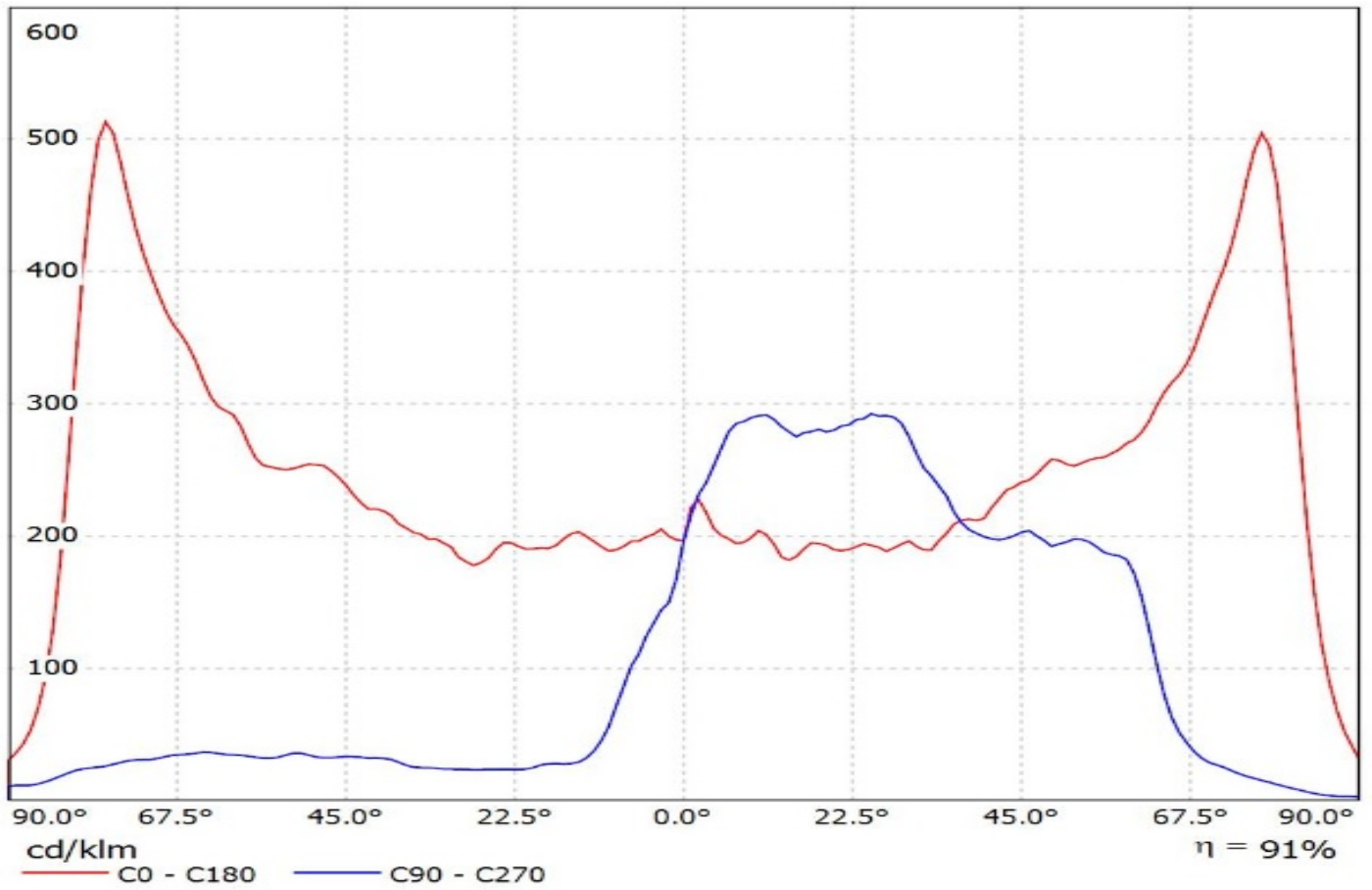
Lamps: 1 x Luxeon\_3030\_2D\_x8\_(LI30-2780)\_335.042lm@60mA\_P=2.7141W\_I=0.06A



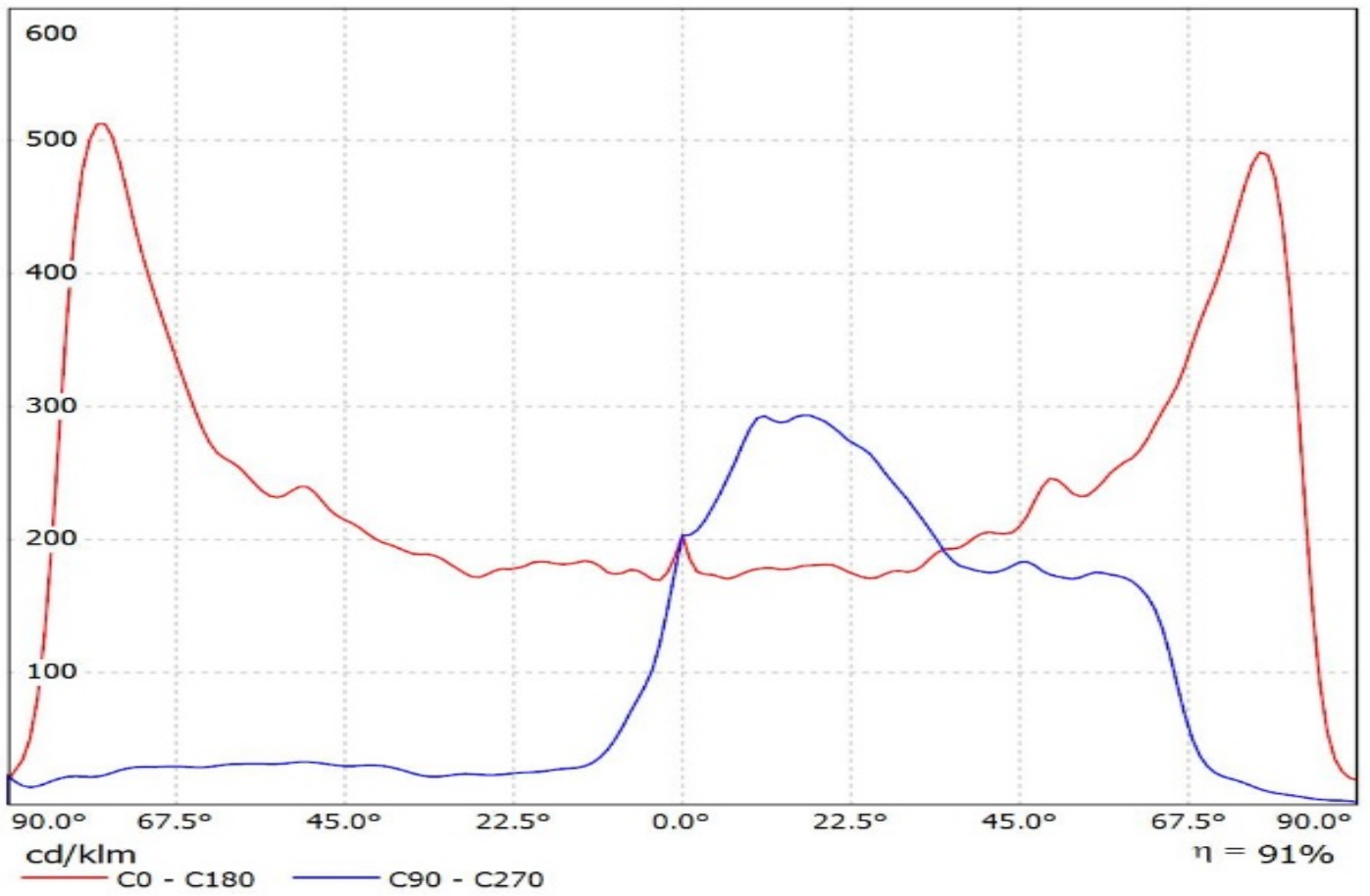
Luminaire: Ledil Oy C15677\_STRADELLA-8-SCL\_(NVSLE21A)\_SIMULATED  
Lamps: 1 x Nichia NVSLE21A



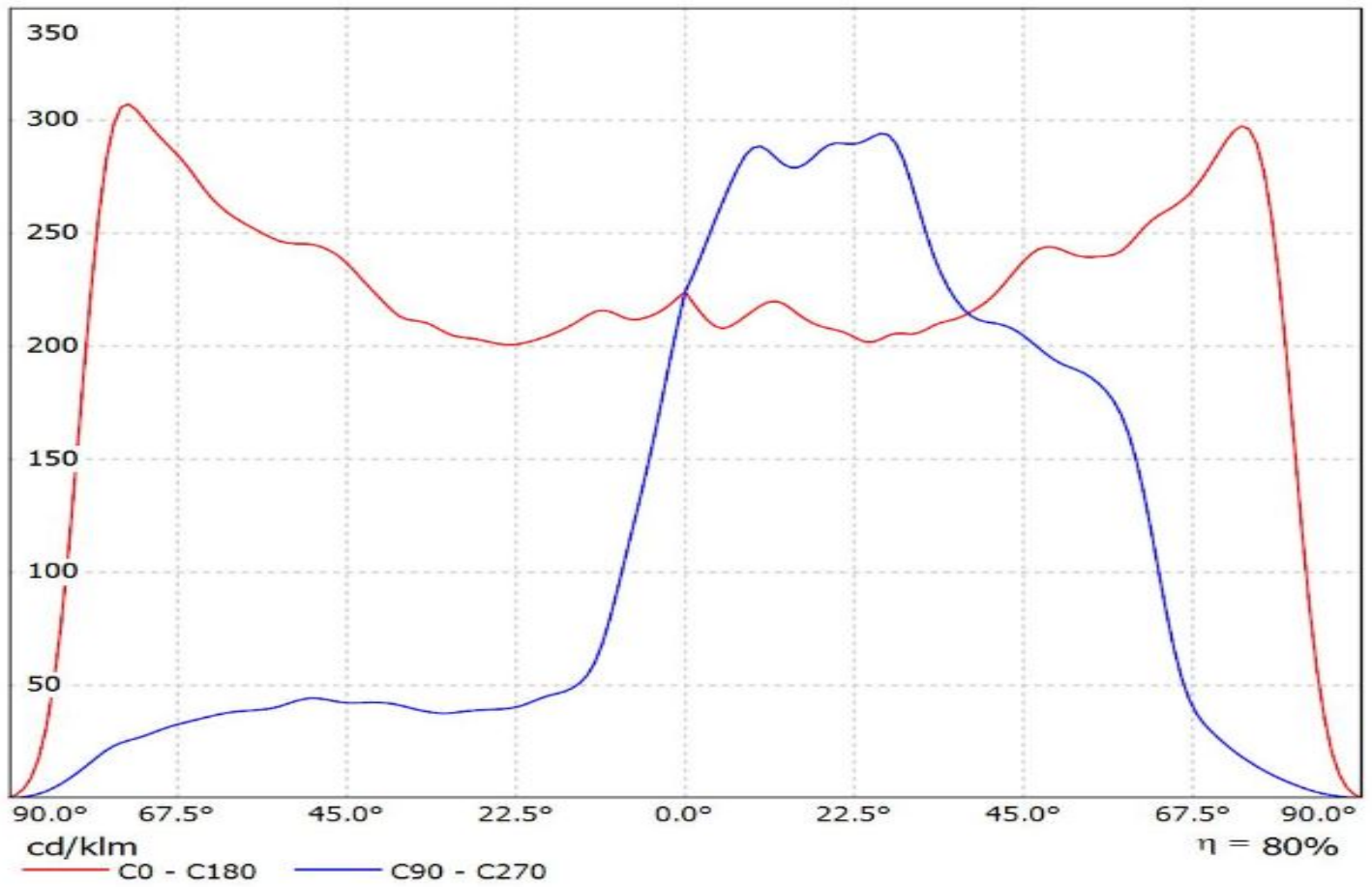
Luminaire: Ledil Oy C15677\_STRADELLA-8-SCL\_(Oslon\_Square\_PC)\_SIMULATED  
Lamps: 1 x Osram Oslon Square PC - GW CSSRM1.PC



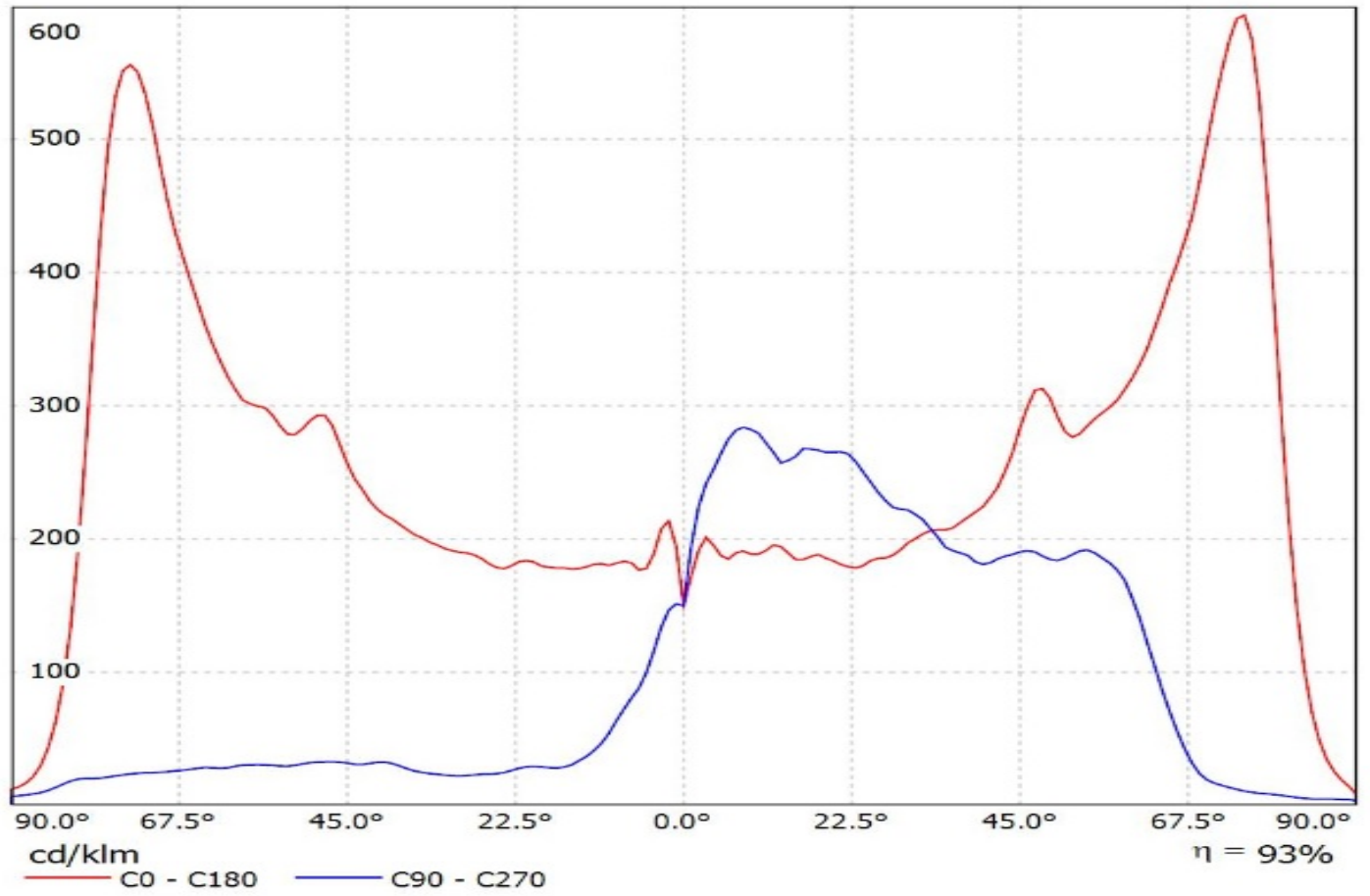
Luminaire: Ledil Oy C15677\_STRADELLA-8-SCL\_(Oslon\_Square\_Gen3)\_SIMULATED  
Lamps: 1 x Osram Oslon Sqaure Gen3 - GW CSSRM2.PM



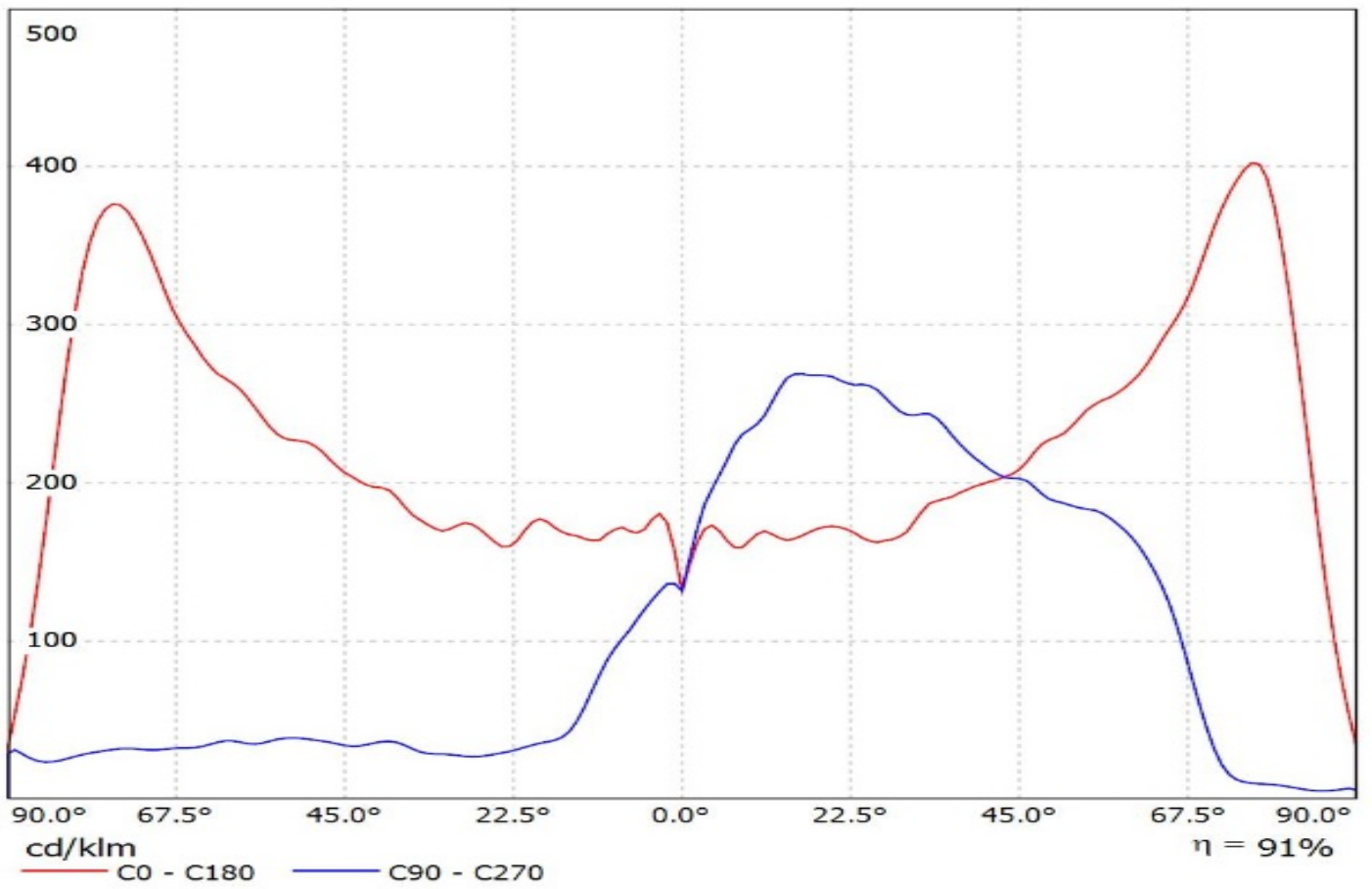
Luminaire: Ledil Oy C15677\_STRADELLA-8-SCL\_(Osram\_Oslon Square PC)\_(Glass)\_SIMULATED  
Lamps: 1 x Osram\_Oslon Square PC



Luminaire: Ledil Oy C15677\_STRADELLA-8-SCL\_(LM301A)\_SIMULATED  
Lamps: 1 x Samsung LM301A

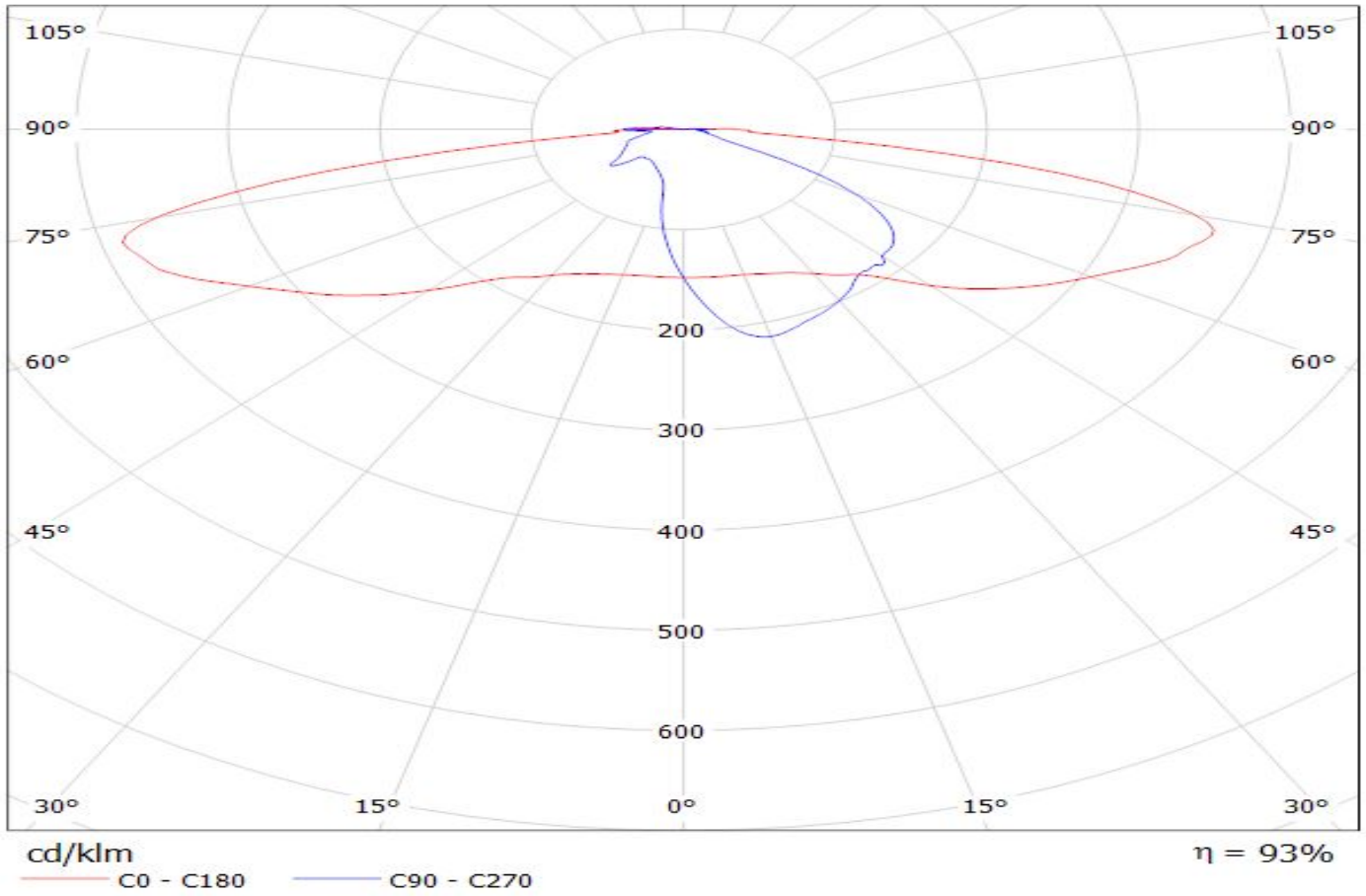


Luminaire: Ledil Oy C15677\_STRADELLA-8-SCL\_(LH351C)\_SIMULATED  
Lamps: 1 x Samsung LH351C



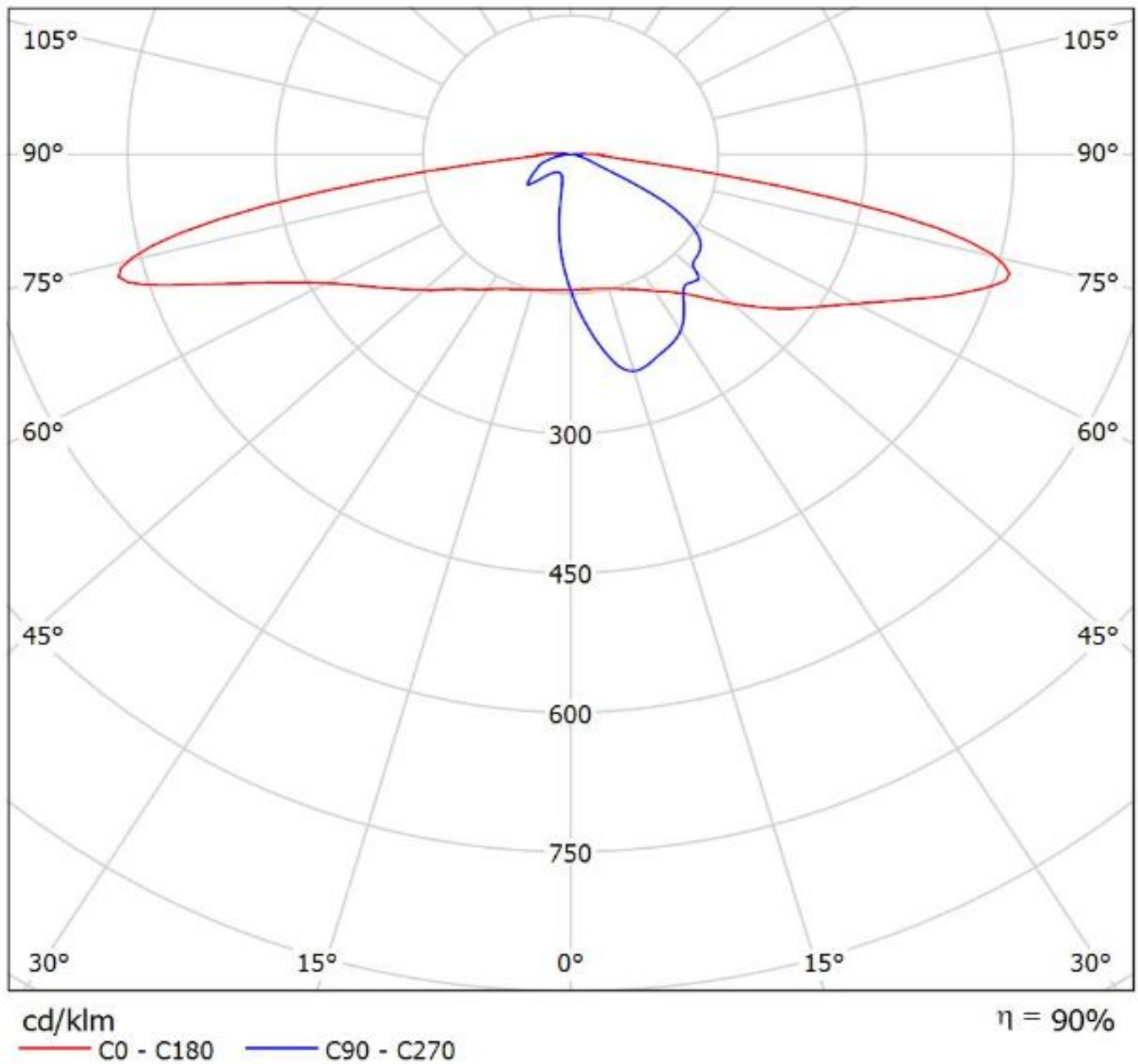
Luminaire: LEDiL Oy C15677\_STRADELLA-8-SCL\_(Z8Y22\_plus)

Lamps: 1 x Seoul\_Z8Y22\_plus\_(SZ8-Y22-W0-C7-P)\_966.431lm@250mA\_P=5.46912W\_I=0.250A



Luminaire: Ledil C15677\_STRADELLA-8-SCL\_(QUICK-FLUX-EngXP-750-StrdII16)

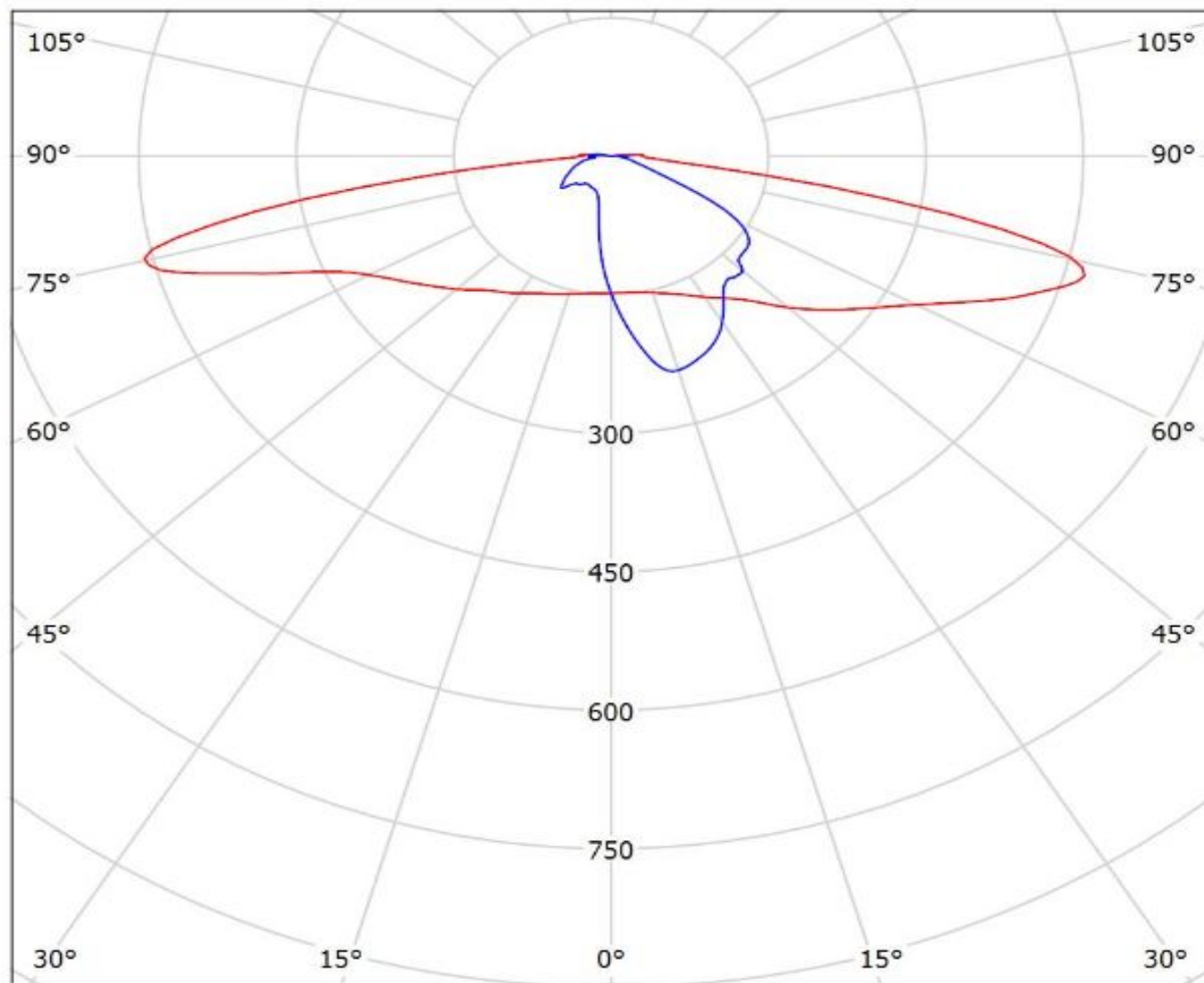
Lamps: 1 x Cree\_XT-E-HE\_QUICK-FLUX-EngXP-750-StrdII16\_1847.62lm@250mA\_P=11.5481W\_I=0.25A



# Ledil C15677\_STRADELLA-8-SCL\_(XT-E) / LDC (Polar)

Luminaire: Ledil C15677\_STRADELLA-8-SCL\_(XT-E)

Lamps: 1 x Cree\_XT-E\_(XTEAWT-0-2A0-R30-FB0001)\_797.699lm@250mA\_P=5.962W\_I=0.250A

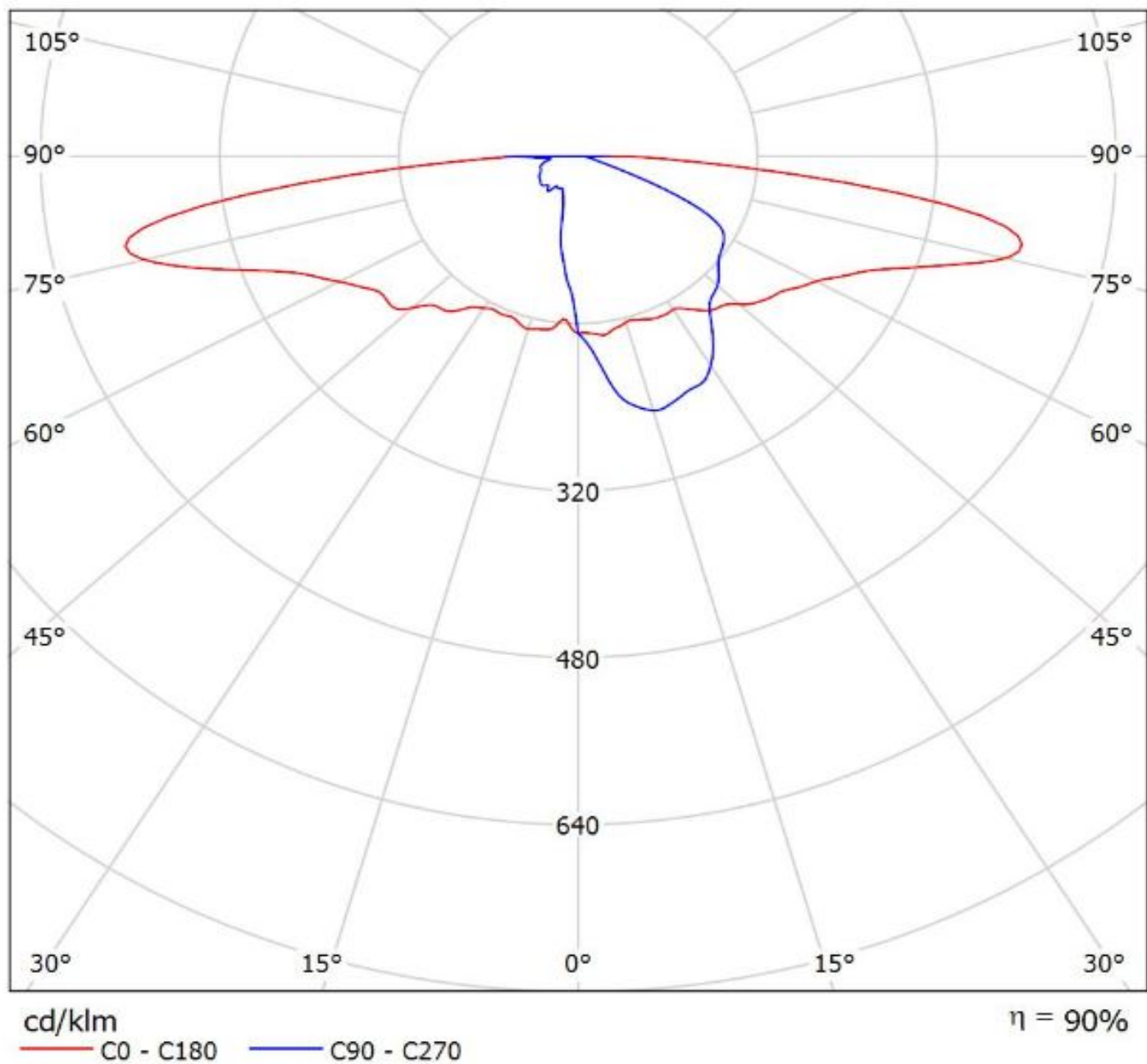


cd/klm

— C0 - C180 — C90 - C270

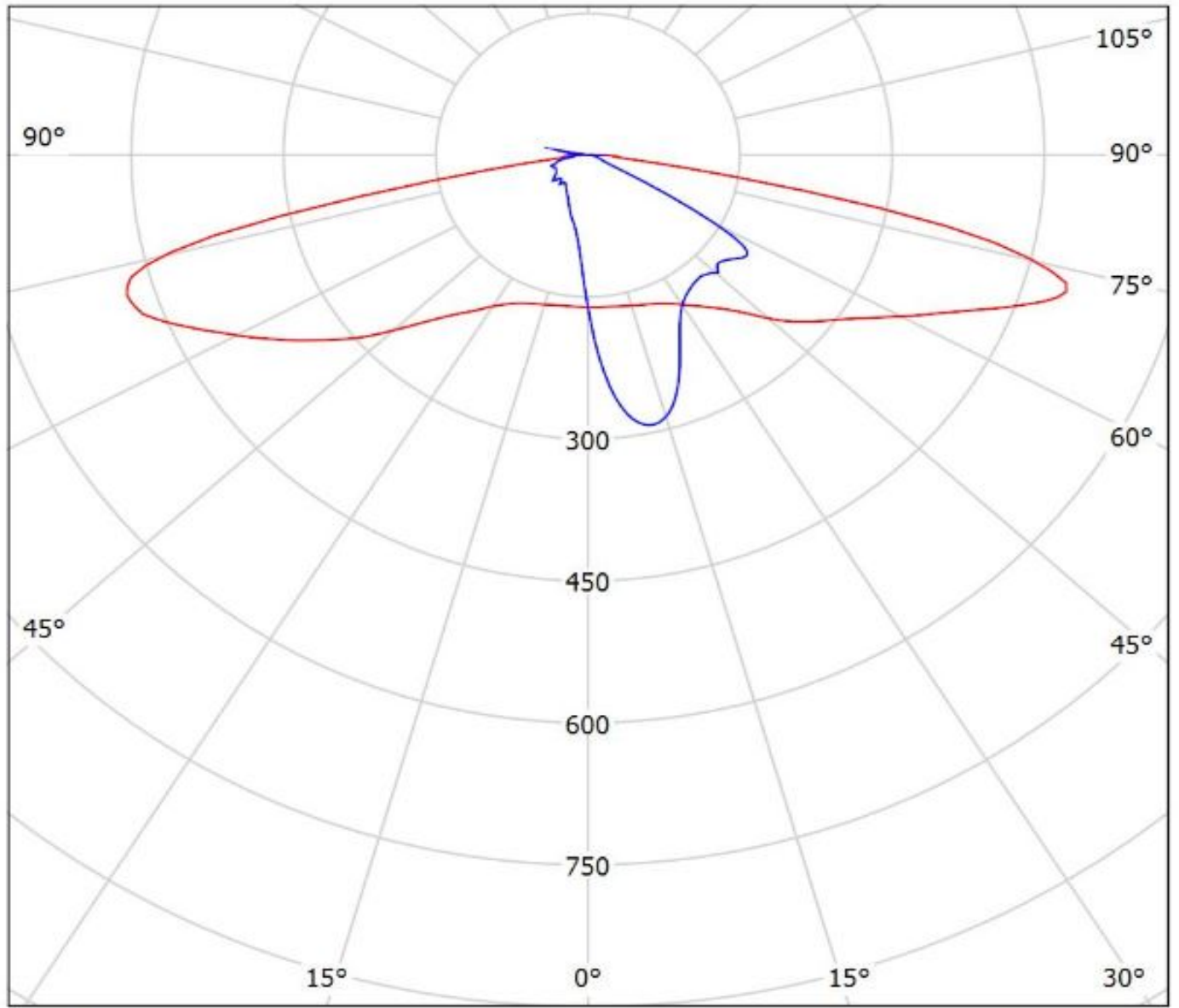
$\eta = 93\%$

Luminaire: Ledil Oy C15677\_STRADELLA-8-SCL\_SIMULATED  
Lamps: 1 x Cree\_XP-G3



Luminaire: LEDiL Oy C15677\_STRADELLA-8-SCL\_(Luxeon\_3030\_2D)

Lamps: 1 x Luxeon\_3030\_2D\_x8\_(LI30-2780)\_335.042lm@60mA\_P=2.7141W\_I=0.06A



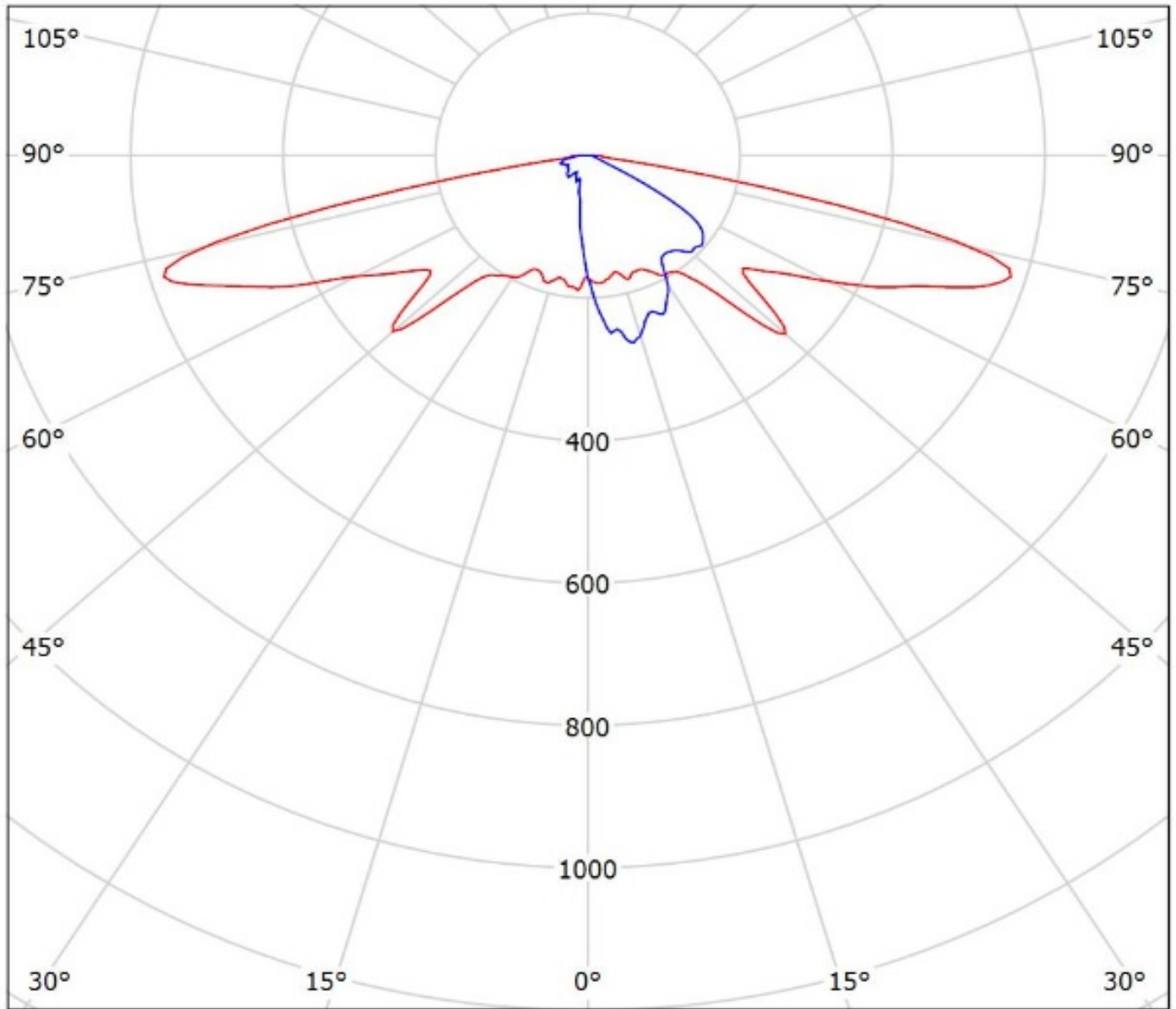
cd/klm

— C0 - C180

— C90 - C270

$\eta = 95\%$

Luminaire: Ledil Oy C15677\_STRADELLA-8-SCL\_(NVSLE21A)\_SIMULATED  
Lamps: 1 x Nichia NVSLE21A

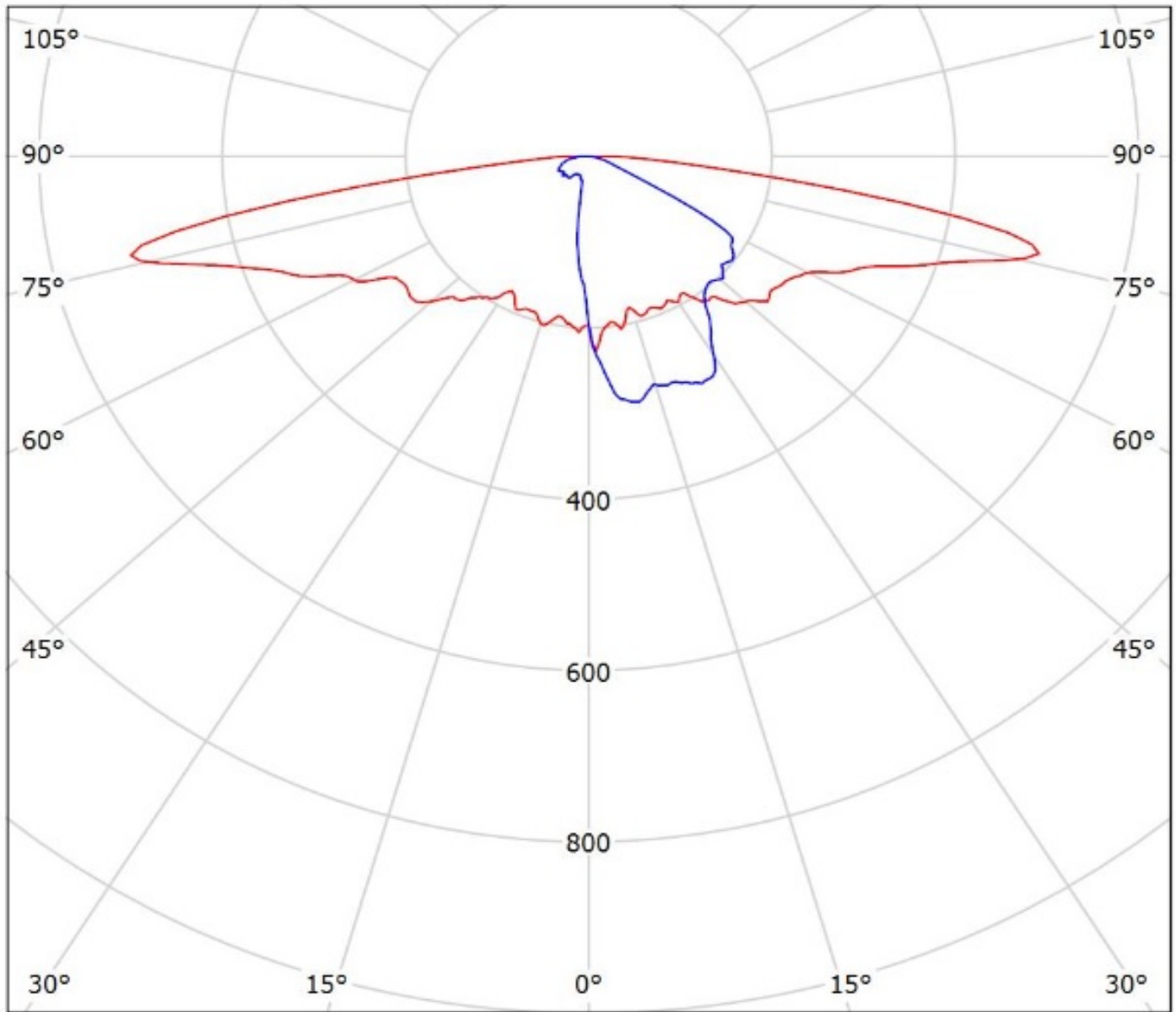


cd/klm

— C0 - C180 — C90 - C270

$\eta = 91\%$

Luminaire: Ledil Oy C15677\_STRADELLA-8-SCL\_(Oslon\_Square\_PC)\_SIMULATED  
Lamps: 1 x Osram Oslon Square PC - GW CSSRM1.PC

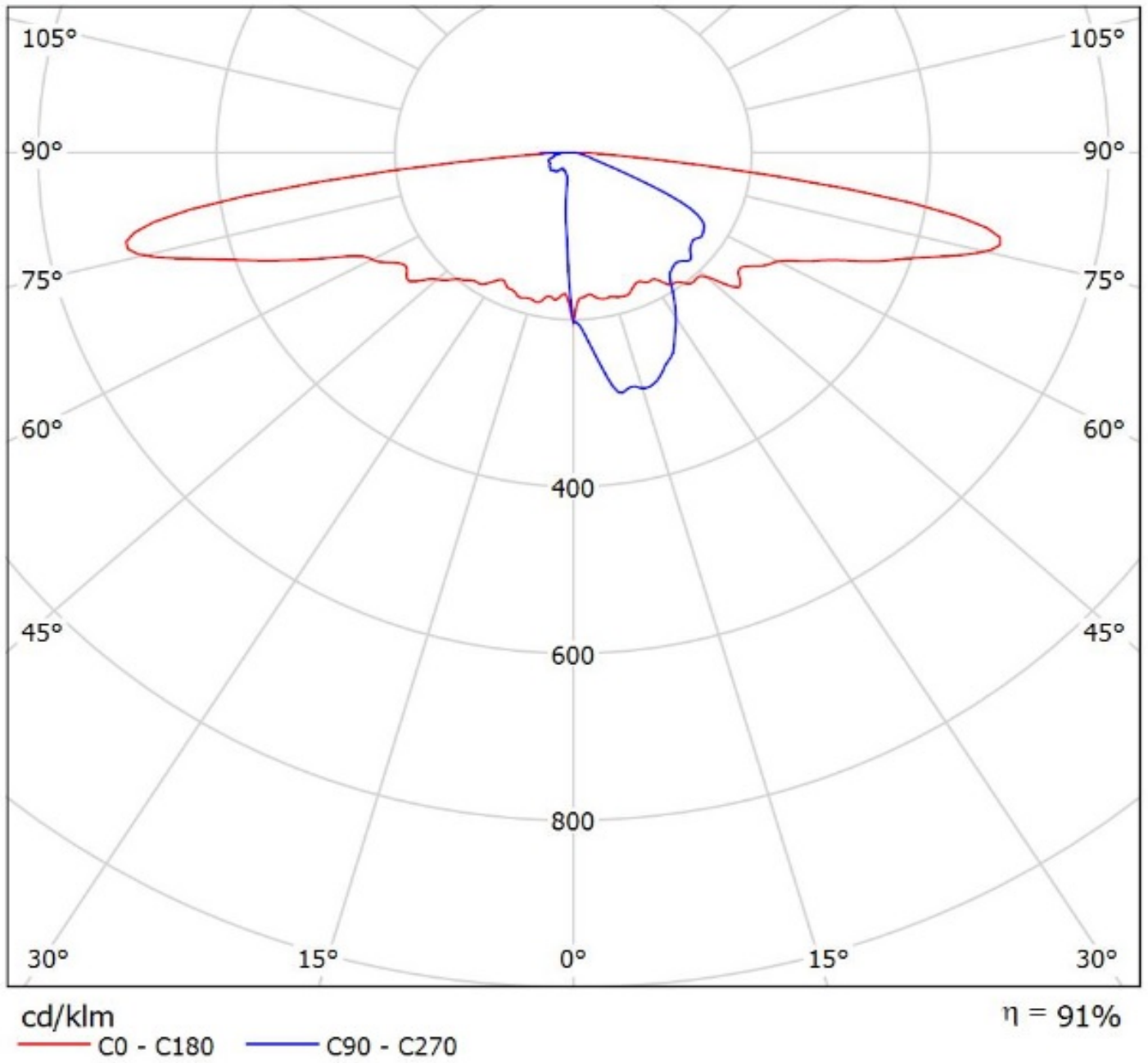


cd/klm

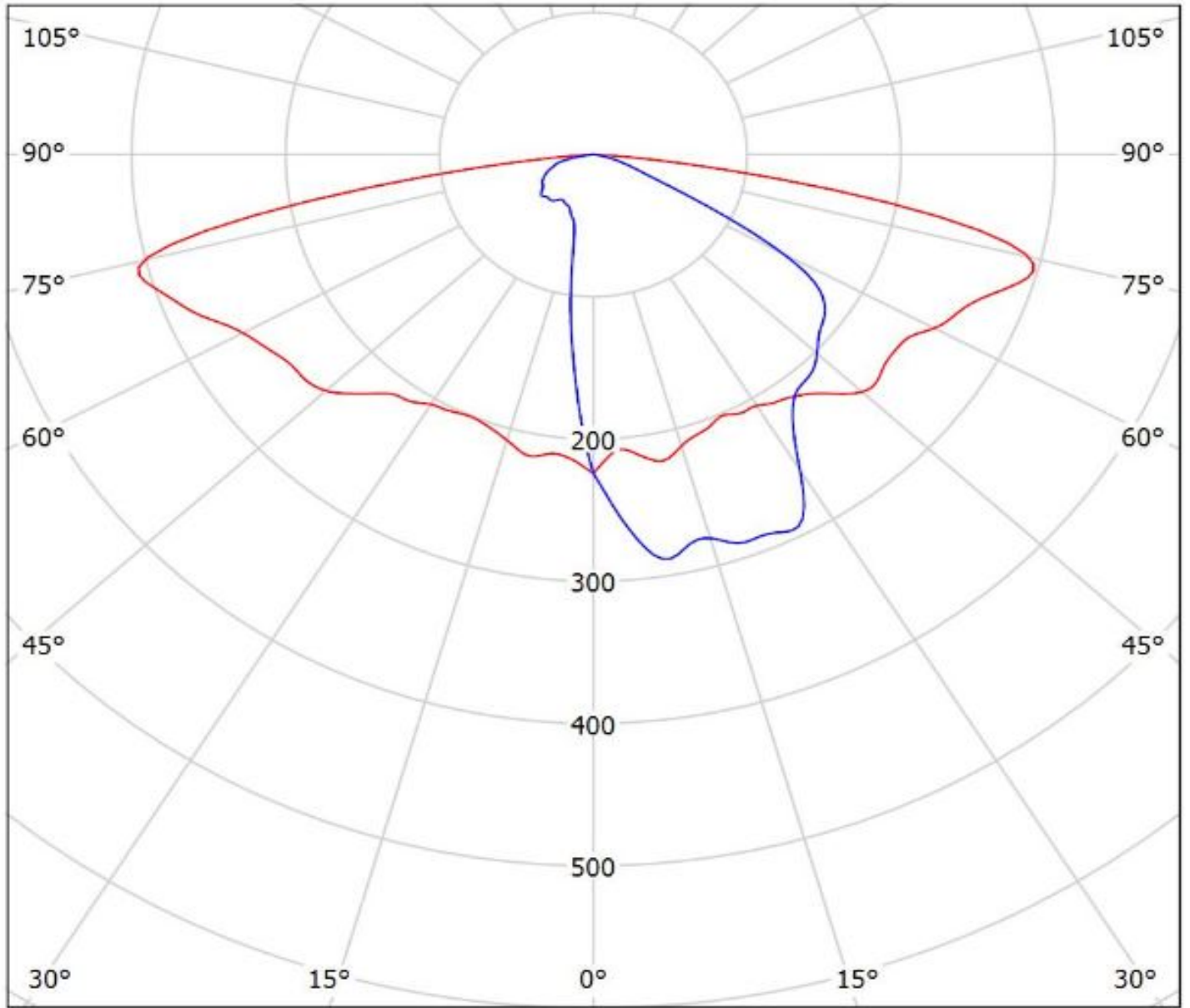
— C0 - C180 — C90 - C270

$\eta = 91\%$

Luminaire: Ledil Oy C15677\_STRADELLA-8-SCL\_(Osion\_Square\_Gen3)\_SIMULATED  
Lamps: 1 x Osram Osion Square Gen3 - GW CSSRM2.PM



Luminaire: Ledil Oy C15677\_STRADELLA-8-SCL\_(Osram\_Oslon Square PC)\_(Glass)\_SIMULATED  
Lamps: 1 x Osram\_Oslon Square PC

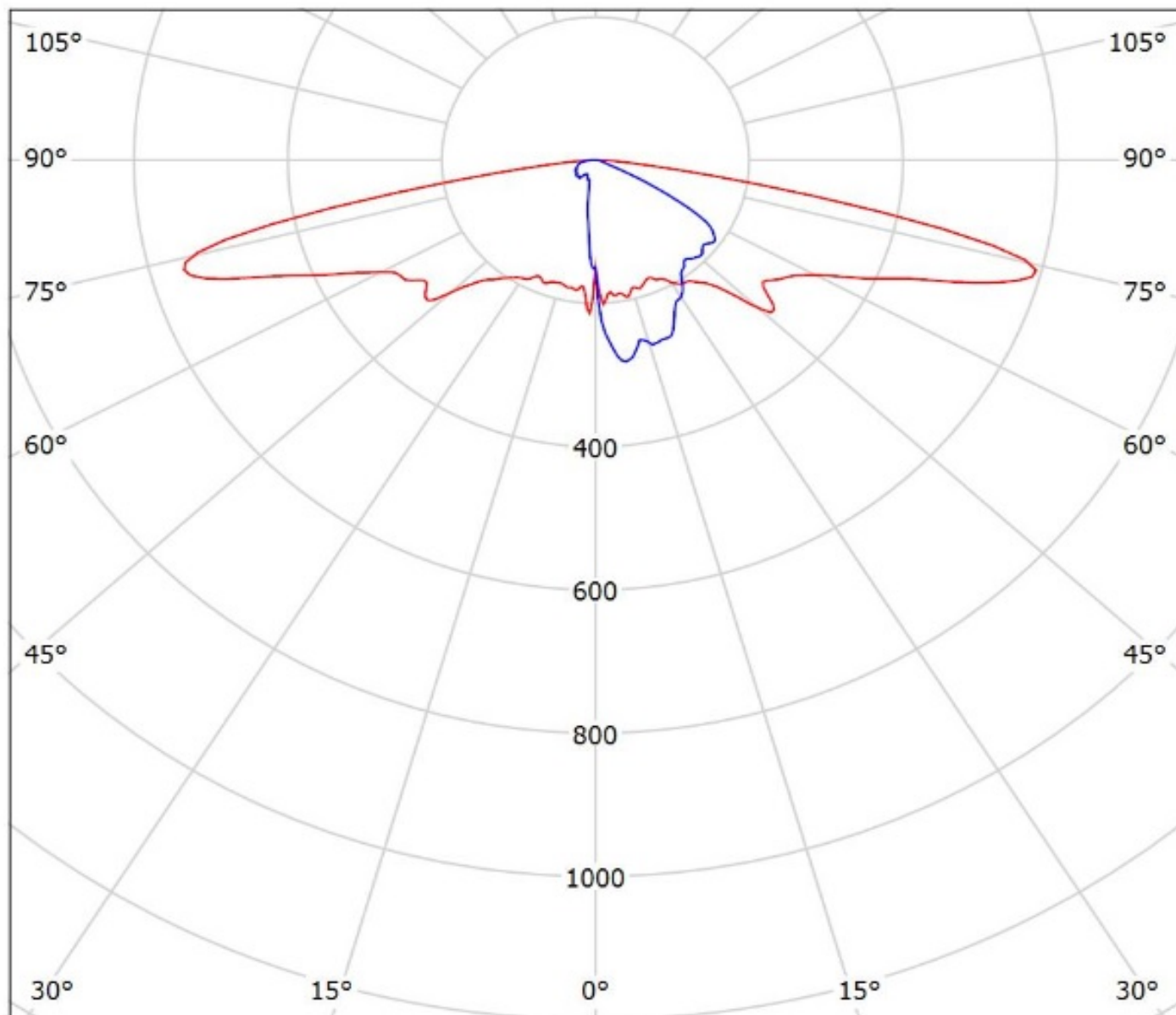


cd/klm

— C0 - C180 — C90 - C270

$\eta = 80\%$

Luminaire: Ledil Oy C15677\_STRADELLA-8-SCL\_(LM301A)\_SIMULATED  
Lamps: 1 x Samsung LM301A

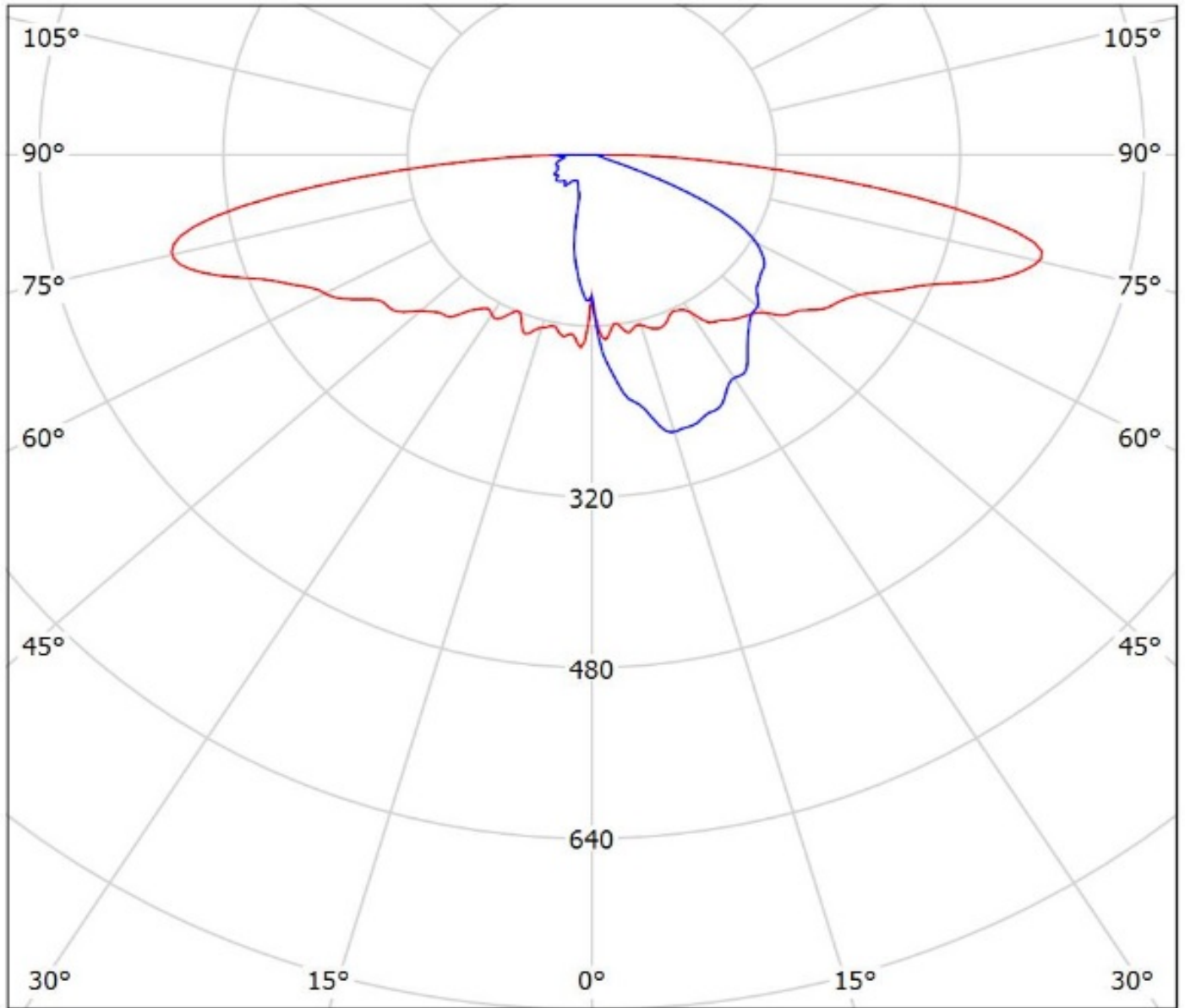


cd/klm

— C0 - C180 — C90 - C270

η = 93%

Luminaire: Ledil Oy C15677\_STRADELLA-8-SCL\_(LH351C)\_SIMULATED  
Lamps: 1 x Samsung LH351C



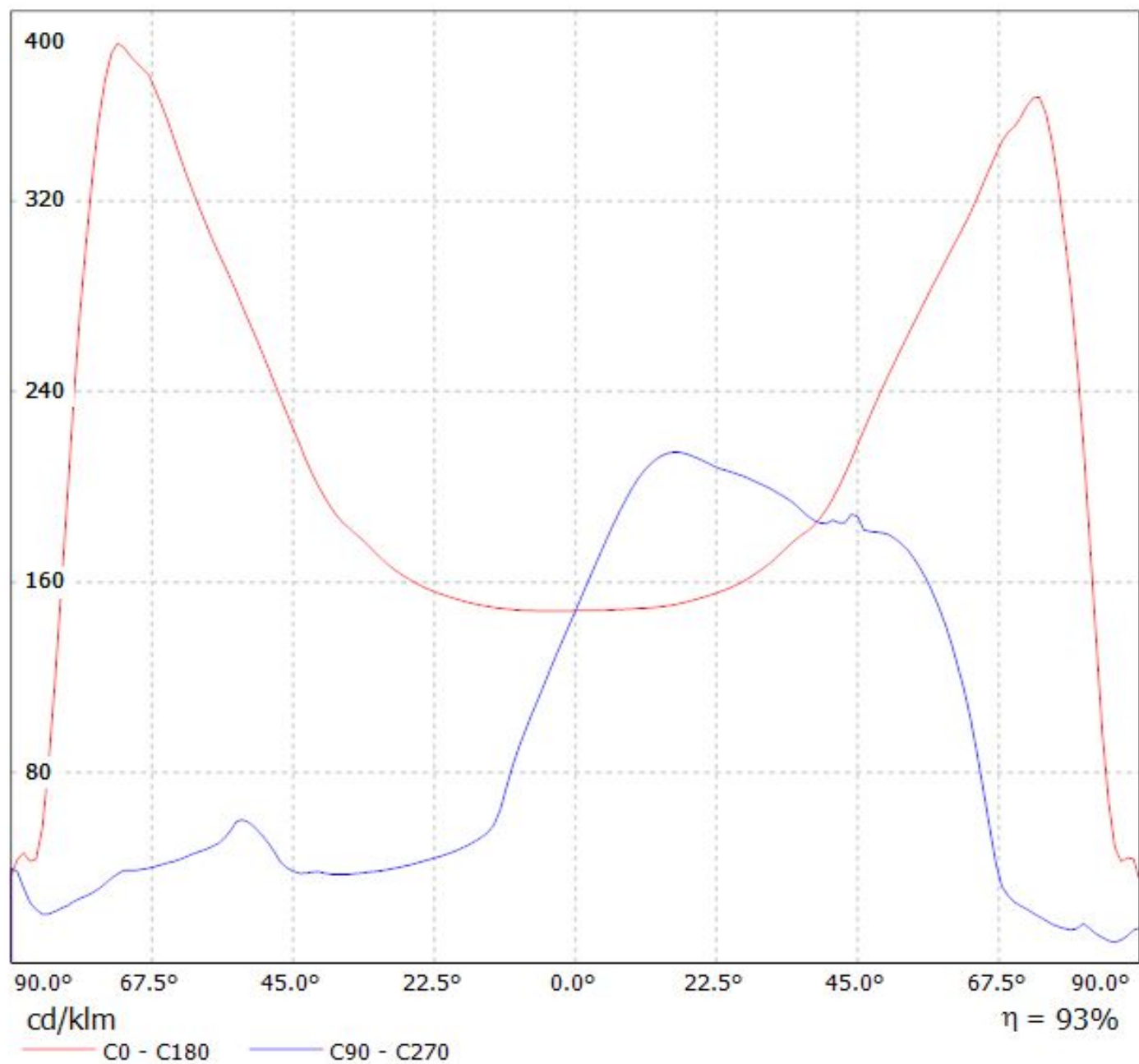
cd/klm

— C0 - C180 — C90 - C270

$\eta = 91\%$

Luminaire: LEDiL Oy C15677\_STRADELLA-8-SCL\_(Z8Y22\_plus)

Lamps: 1 x Seoul\_Z8Y22\_plus\_(SZ8-Y22-W0-C7-P)\_966.431lm@250mA\_P=5.46912W\_I=0.250A



**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.**