

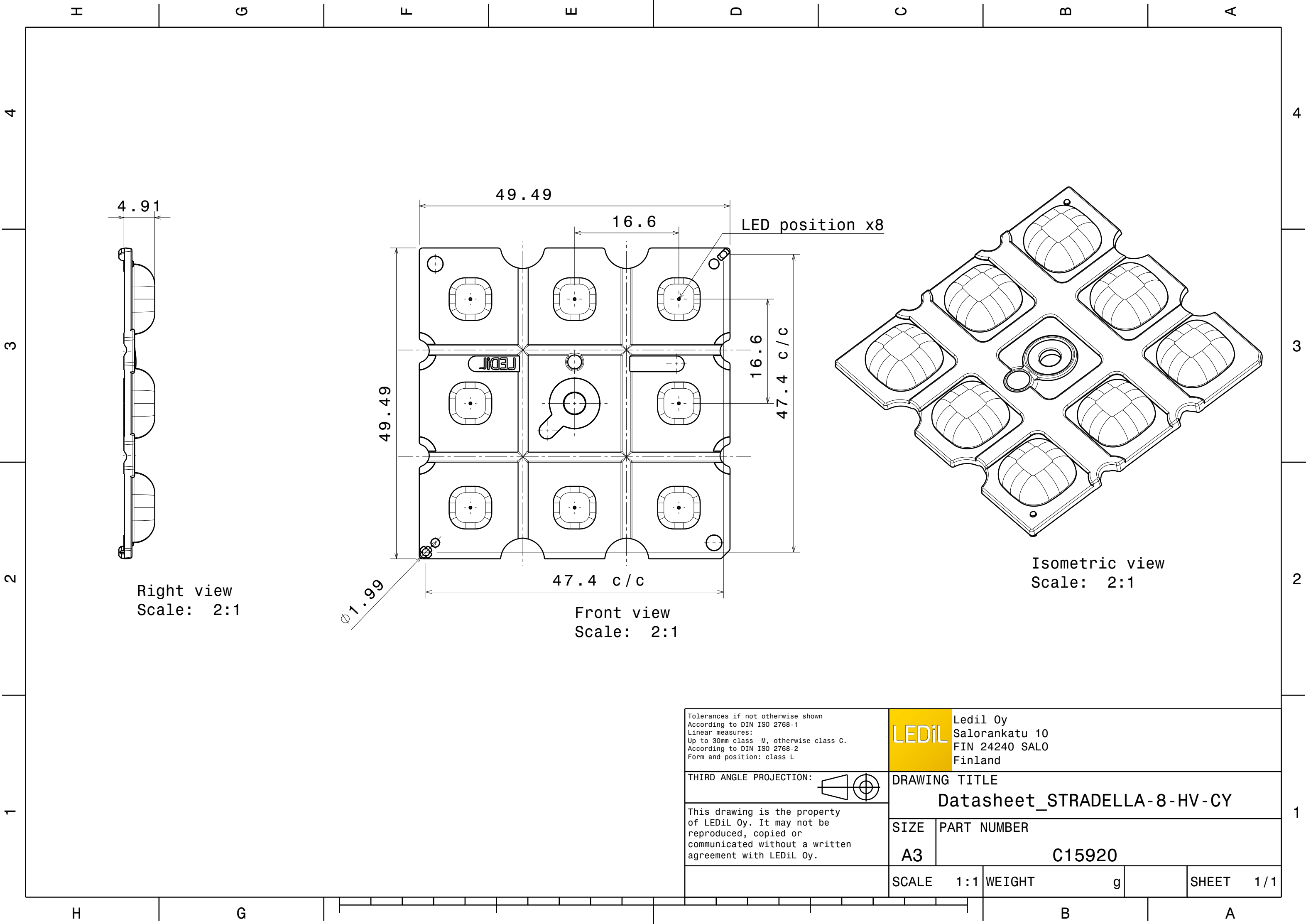
DETAILS

Product Number	C15920_STRADELLA-8-HV-CY
Family	Stradella
Type	Lens array
Color	clear
Diameter	49,49 x 49,49 mm
Height	4,91 mm
Style	rectang
Optic Material	PMMA
Holder Material	
Fastening	screw
Status	production ready
ROHS Compliant	Yes
Date Updated	5/06/2017



OPTICAL PROPERTIES

LED	Viewing	Light	Effi-	cd/lm	Connector
	Angle	Beam	ciency		
XT-E	125+126 deg	Wide-Area...	94 %	0.340	-
XD16	129 deg	Wide-Area...	94 %	0.410	-
LUXEON 3030 2D	120 deg	Wide-Area...	94 %	0.430	-
NVSxE21A	sim: 120	Wide-Area...	sim: 94 %	sim: 0.410	-
NVSW219D	116 deg	Wide-Area...	94 %	0.400	-
LH181A	sim: 130	Wide-Area...	sim: 94 %	sim: 0.370	-
LH181B	sim: 128	Wide-Area...	sim: 94 %	sim: 0.400	-



Right view
Scale: 2:1

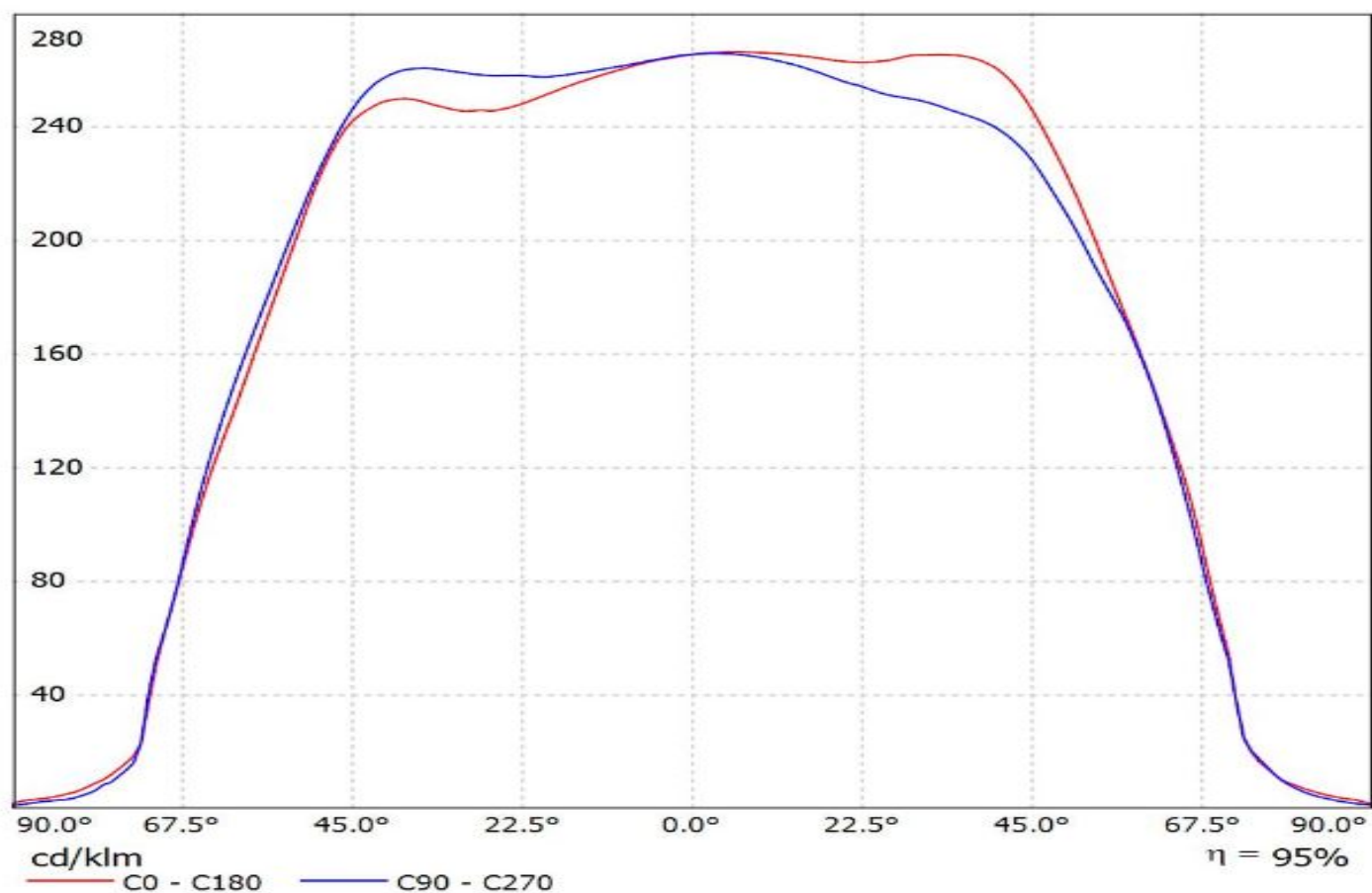
Front view
Scale: 2:1

Isometric view
Scale: 2:1

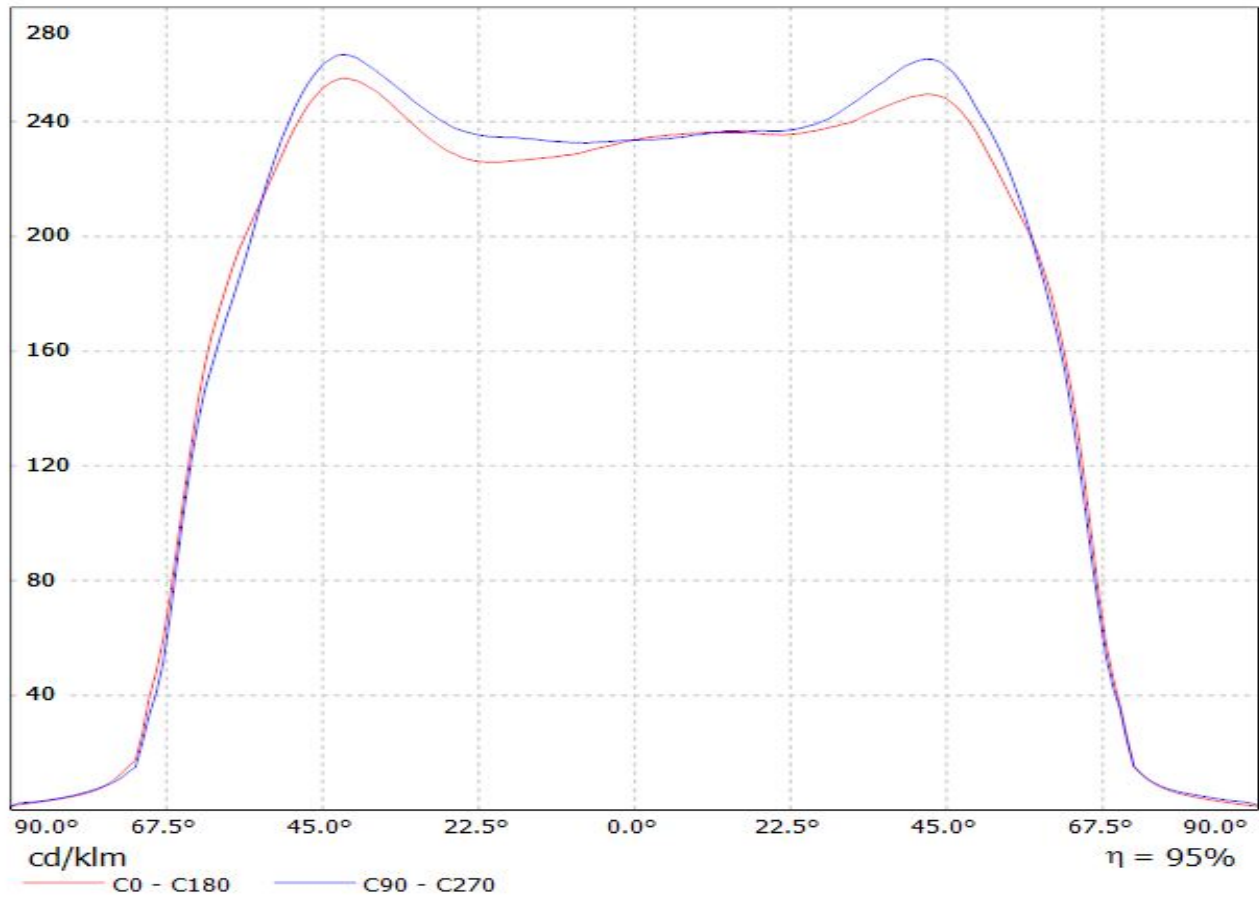
Tolerances if not otherwise shown According to DIN ISO 2768-1 Linear measures: Up to 30mm class M, otherwise class C. According to DIN ISO 2768-2 Form and position: class L		LEDiL Ledil Oy Salorankatu 10 FIN 24240 SALO Finland	
THIRD ANGLE PROJECTION:		DRAWING TITLE Datasheet_STRADELLA-8-HV-CY	
This drawing is the property of LEDiL Oy. It may not be reproduced, copied or communicated without a written agreement with LEDiL Oy.		SIZE A3	PART NUMBER C15920
		SCALE 1:1	WEIGHT g
		SHEET 1/1	

Luminaire: Ledil C15920_STRADELLA-8-HV-CY_(XT-E)_Cav2

Lamps: 1 x Cree_XT-E_x8_(XTEAWT-0-2A0-R30-FB0001)_796.323lm@250mA_P=5.966W_I=0.250A

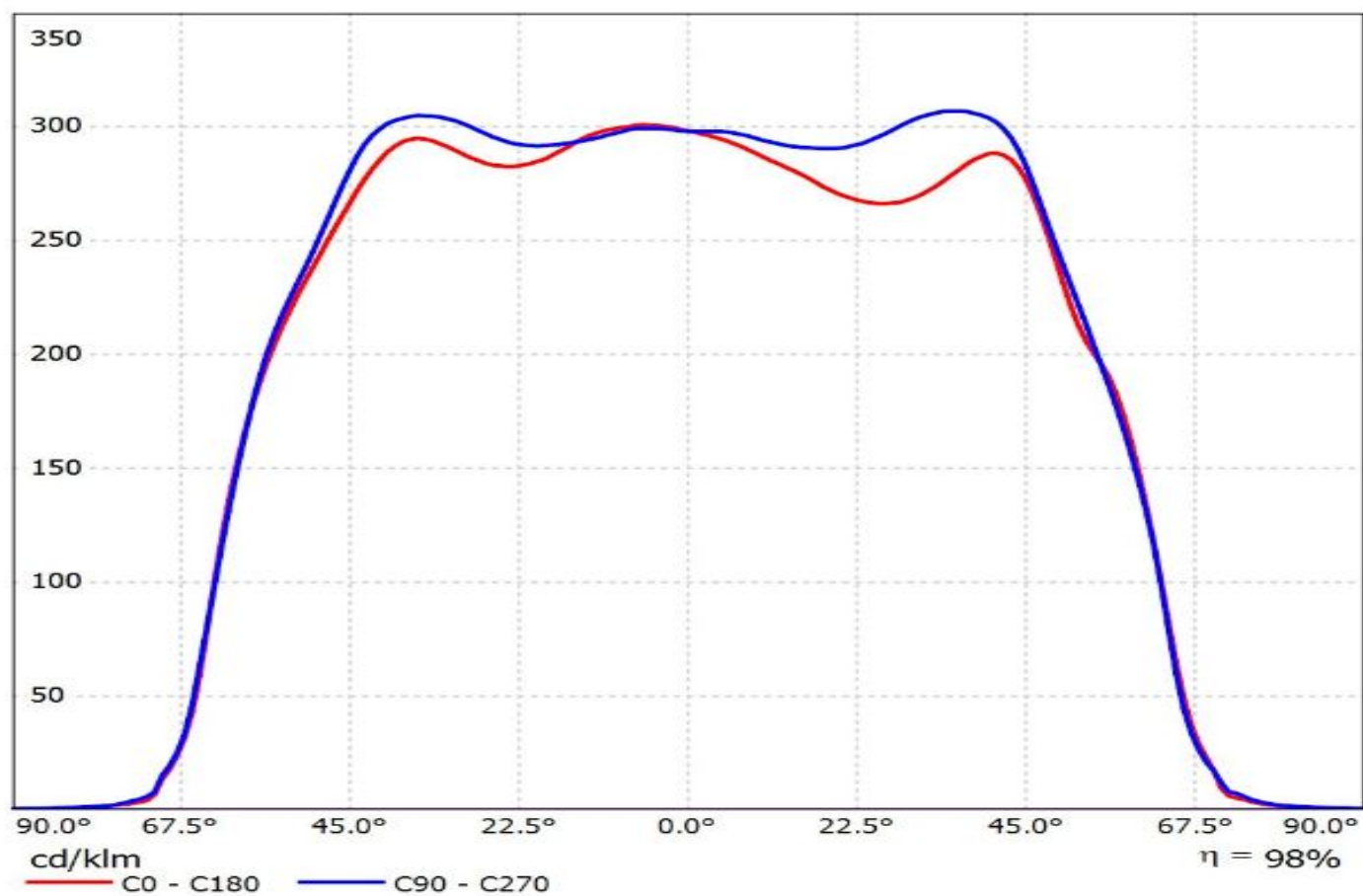


Luminaire: Ledil C15920_STRADELLA-8-HV-CY_(XD16)
Lamps: 1 x Cree_XD16_(XD16AWT-H-2B0-S20-0B-002)_903.058lm@250mA_CCT=5700K_P5.51704=W_I=0.250A

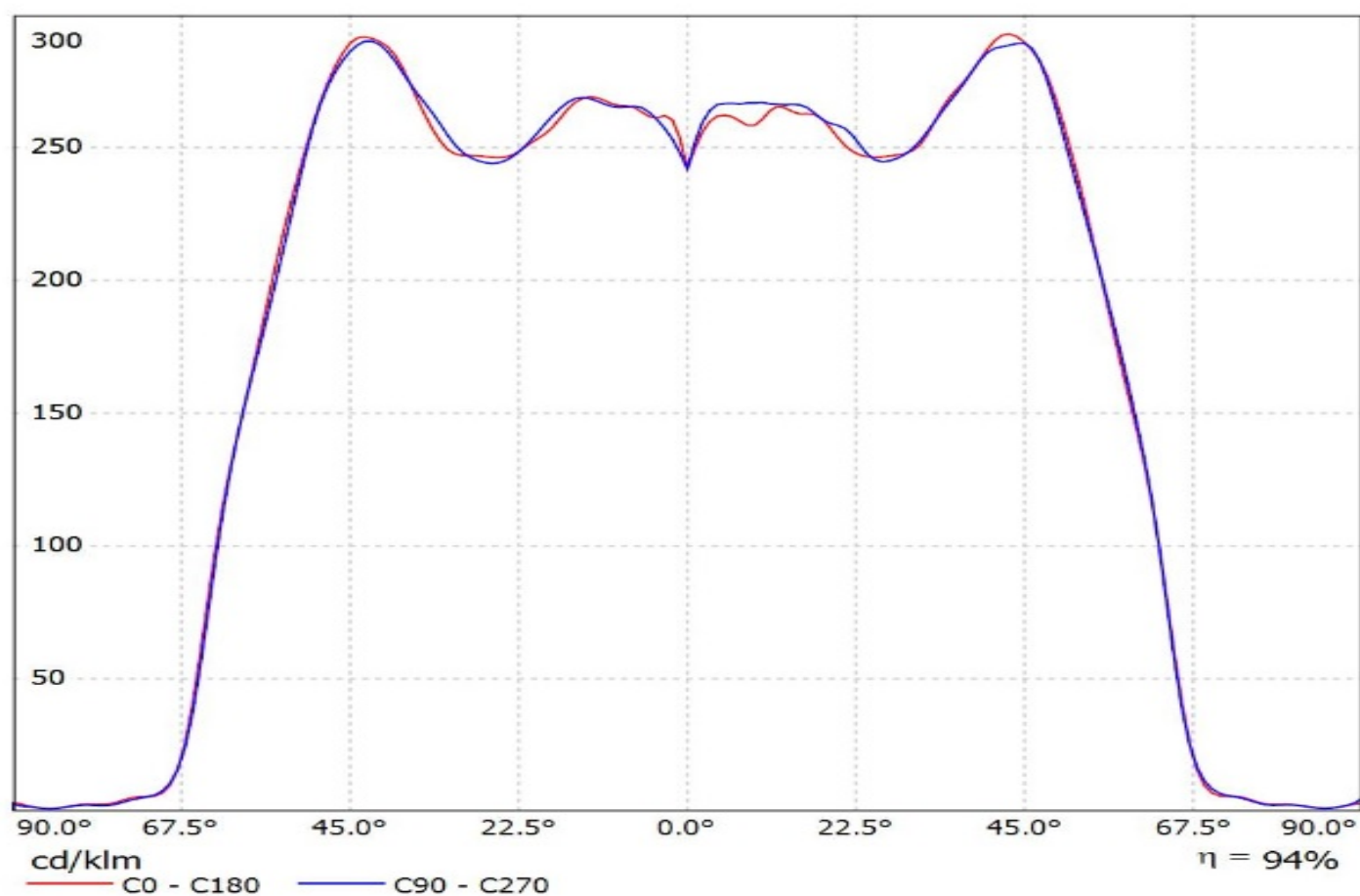


Luminaire: LEDiL Oy C15920_STRADELLA-8-HV-CY_(Luxeon_3030_2D)

Lamps: 1 x Luxeon_3030_2D_x8_(LI30-2780)_335.042lm@60mA_P=2.7141W_I=0.06A

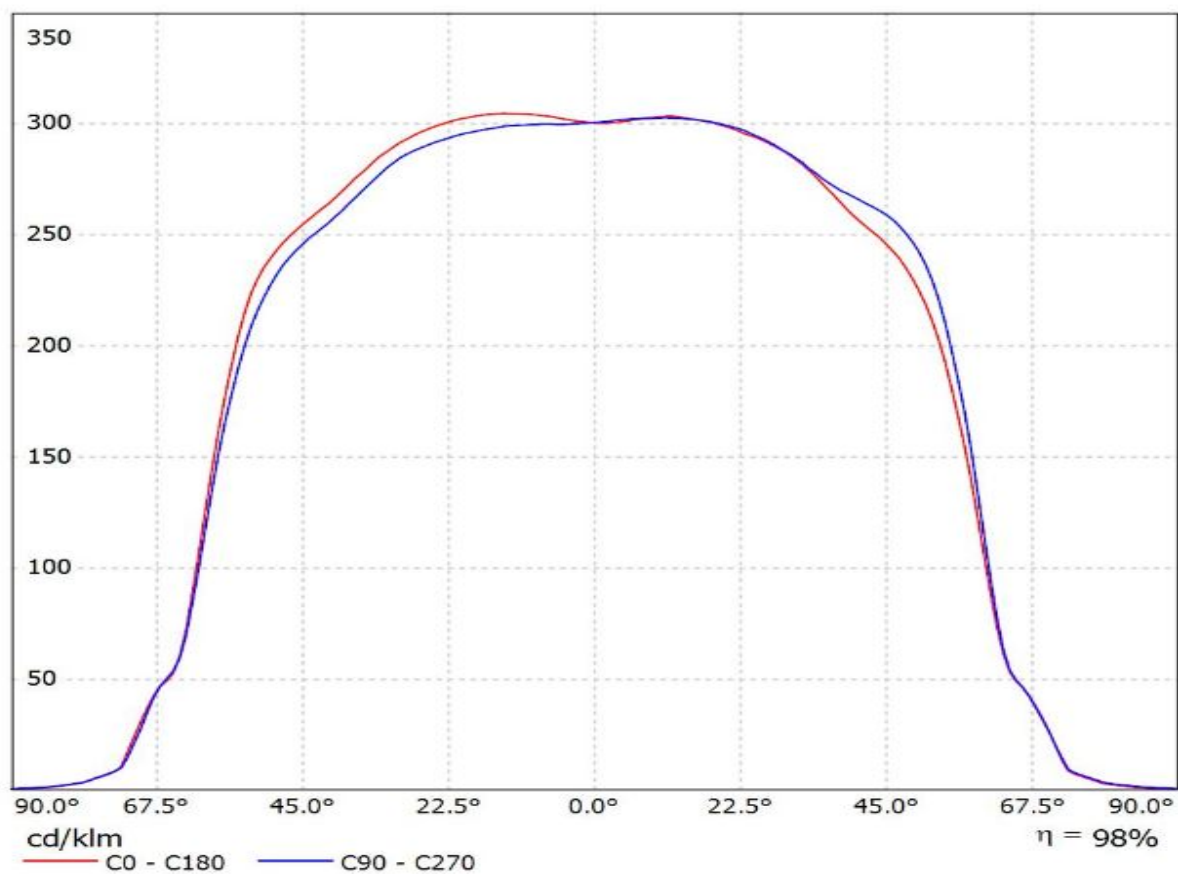


Luminaire: Ledil Oy C15920_STRADELLA-8-HV-CY_(NVSLE21A)_SIMULATED
Lamps: 1 x Nichia NVSLE21A

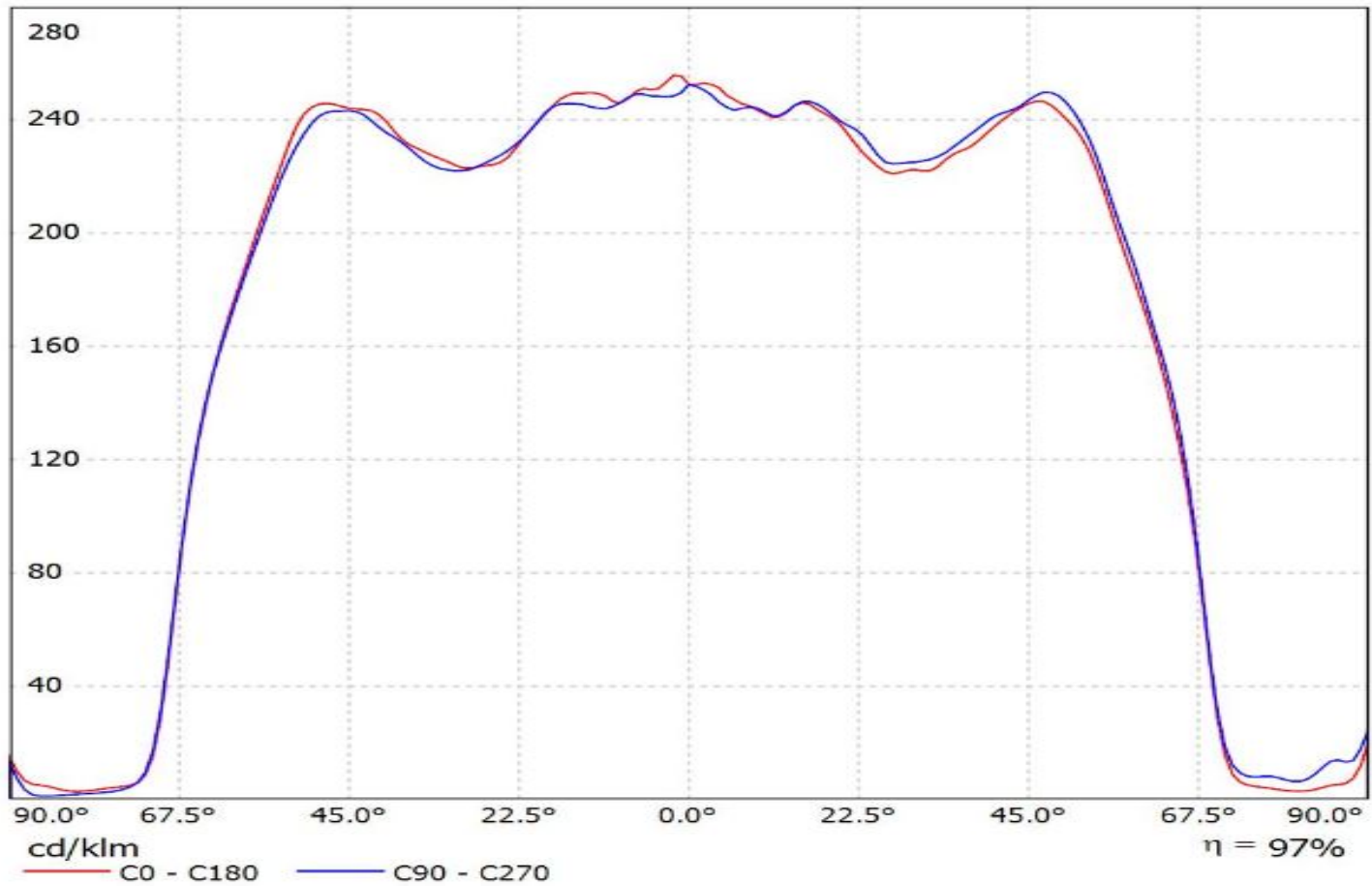


Luminaire: Ledil C15920_STRADELLA-8-HV-CY_(NVSW219D)

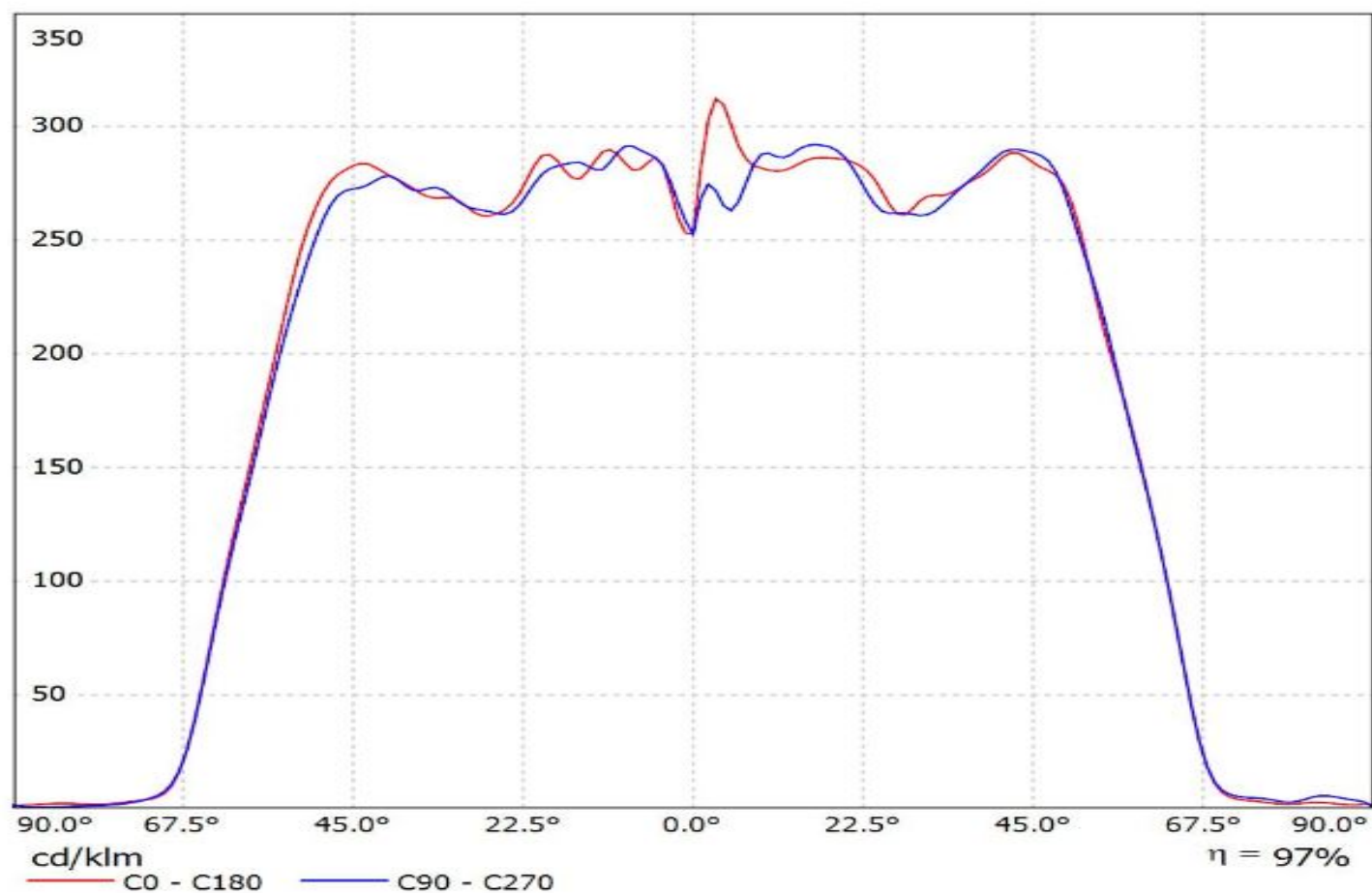
Lamps: 1 x NICHIA_NVSW219D_Stradella-8_(sm403D320R70)_972.863lm@250mA_CCT=4000K_P=5.58452W_U=22.347V



Luminaire: Ledil Oy C15920_STRADELLA-8-HV-CY_(LH181A)_SIMULATED
Lamps: 1 x Samsung LH181A

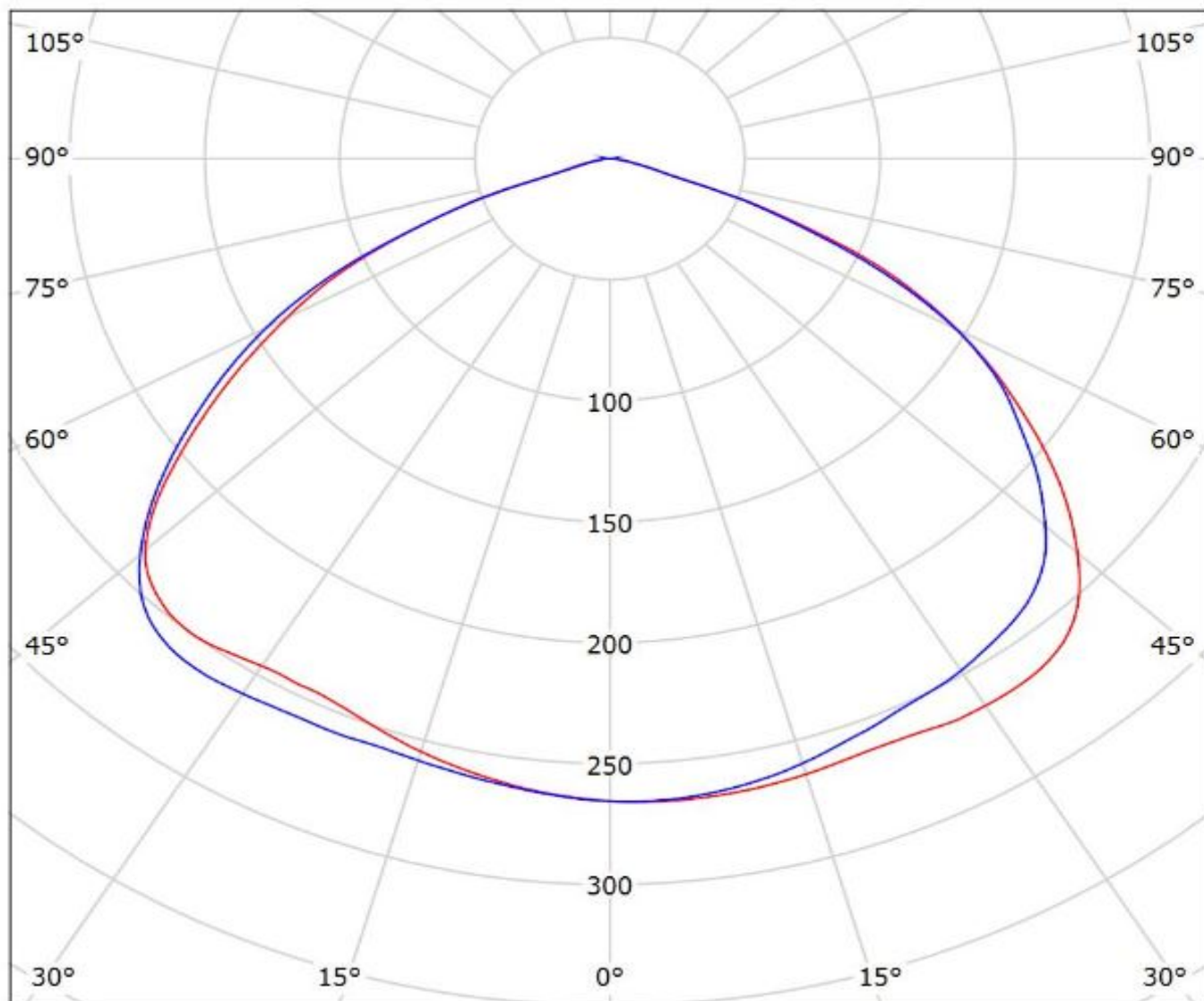


Luminaire: Ledil Oy C15920_STRADELLA-8-HV-CY_(LH181B)_SIMULATED
Lamps: 1 x Samsung LH181B



Luminaire: Ledil C15920_STRADELLA-8-HV-CY_(XT-E)_Cav2

Lamps: 1 x Cree_XT-E_x8_(XTEAWT-0-2A0-R30-FB0001)_796.323lm@250mA_P=5.966W_I=0.250A



cd/klm

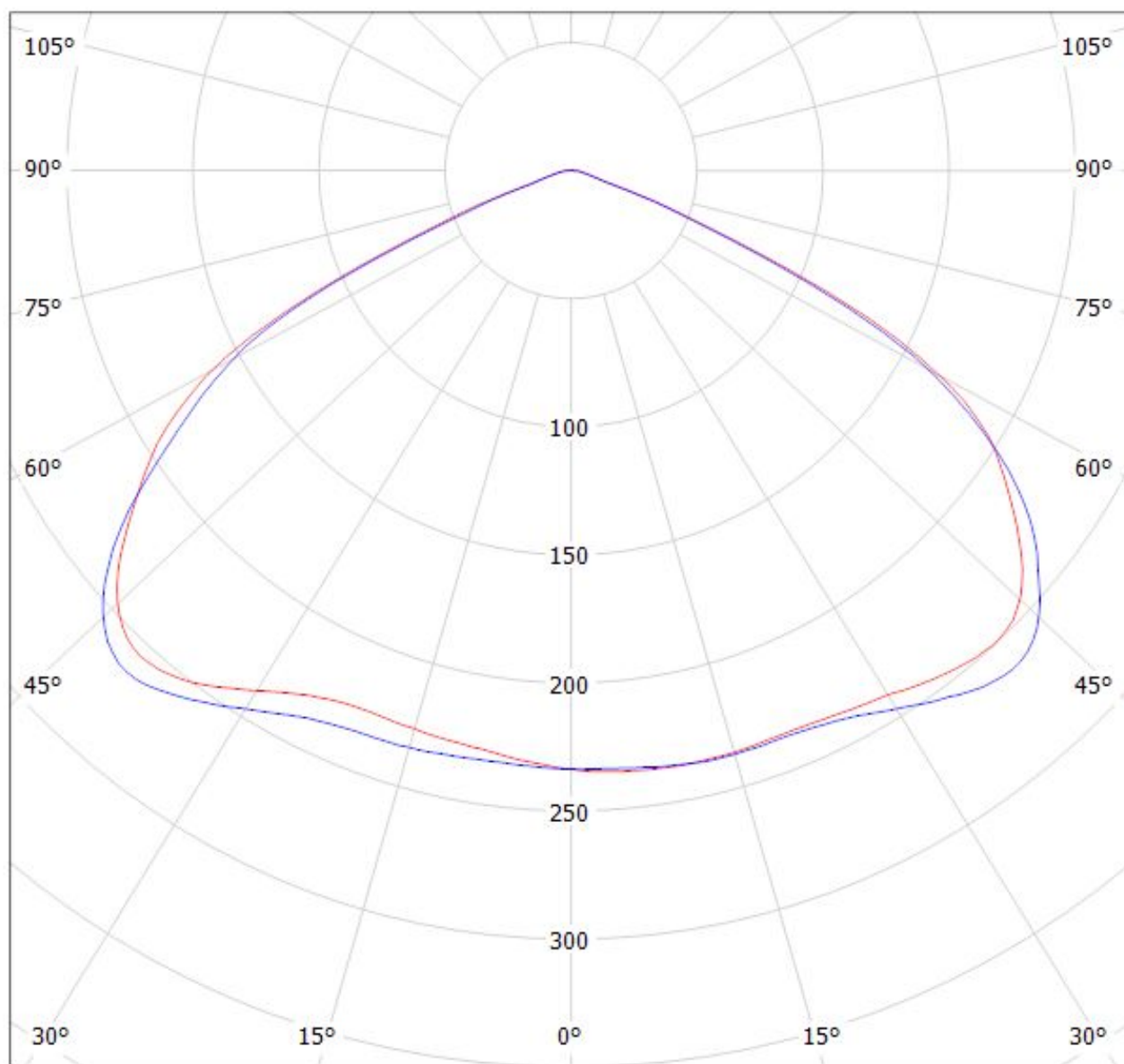
— C0 - C180

— C90 - C270

$\eta = 95\%$

Luminaire: Ledil C15920_STRADELLA-8-HV-CY_(XD16)

Lamps: 1 x Cree_XD16_(XD16AWT-H-2B0-S20-0B-002)_903.058lm@250mA_CCT=5700K_P5.51704=W_I=0.250A



cd/klm

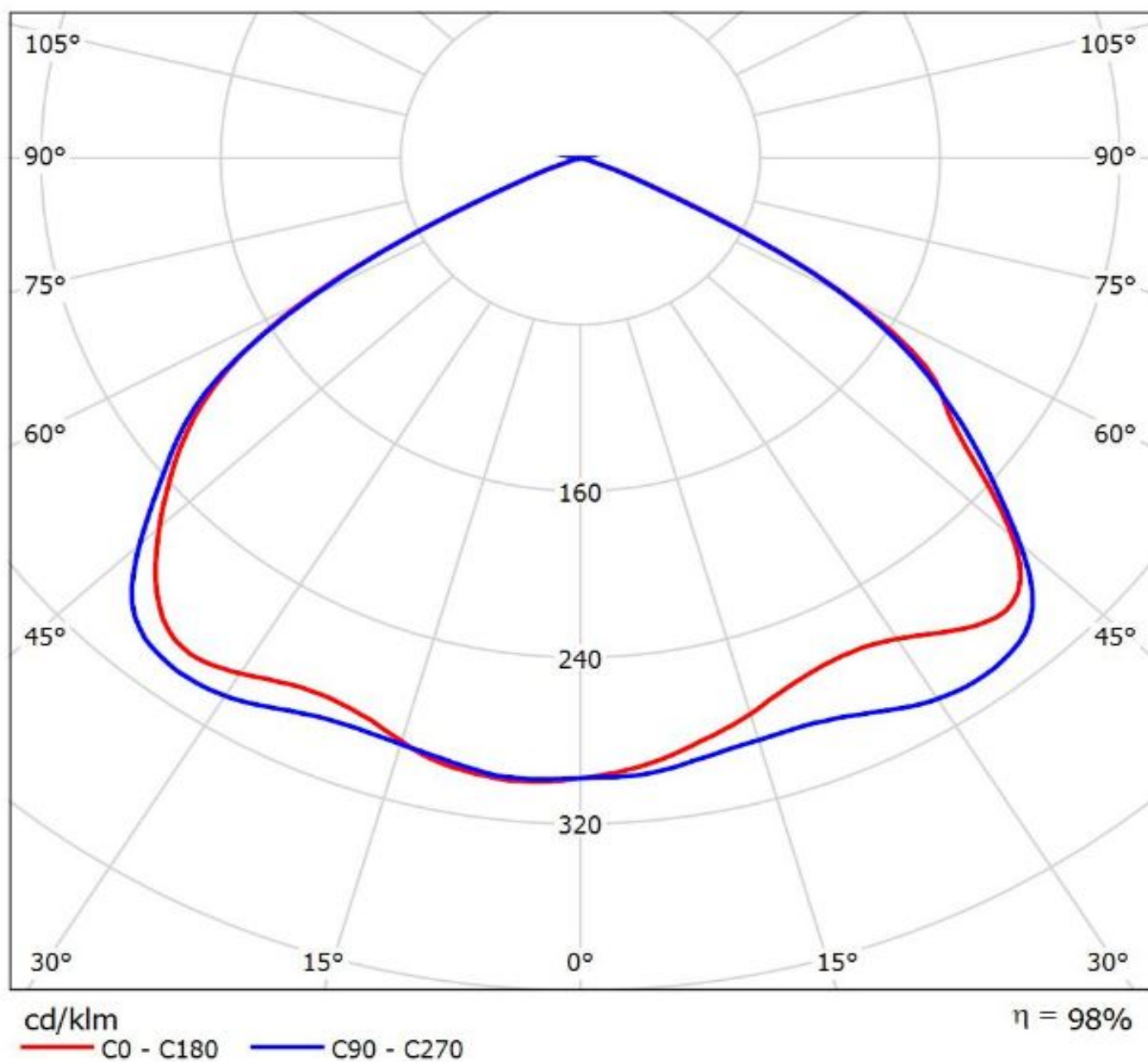
$\eta = 95\%$

— C0 - C180

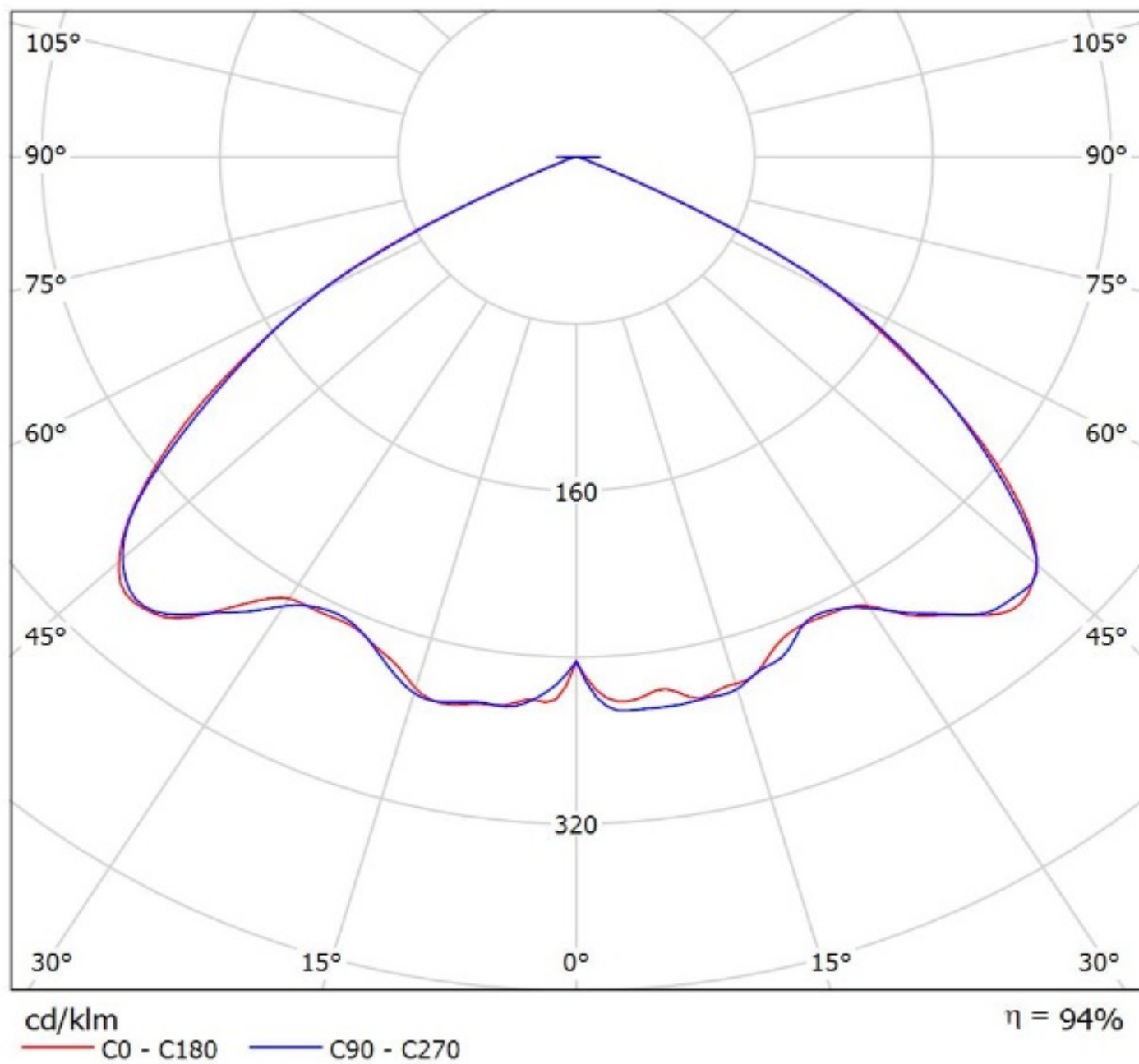
— C90 - C270

Luminaire: LEDiL Oy C15920_STRADELLA-8-HV-CY_(Luxeon_3030_2D)

Lamps: 1 x Luxeon_3030_2D_x8_(LI30-2780)_335.042lm@60mA_P=2.7141W_I=0.06A

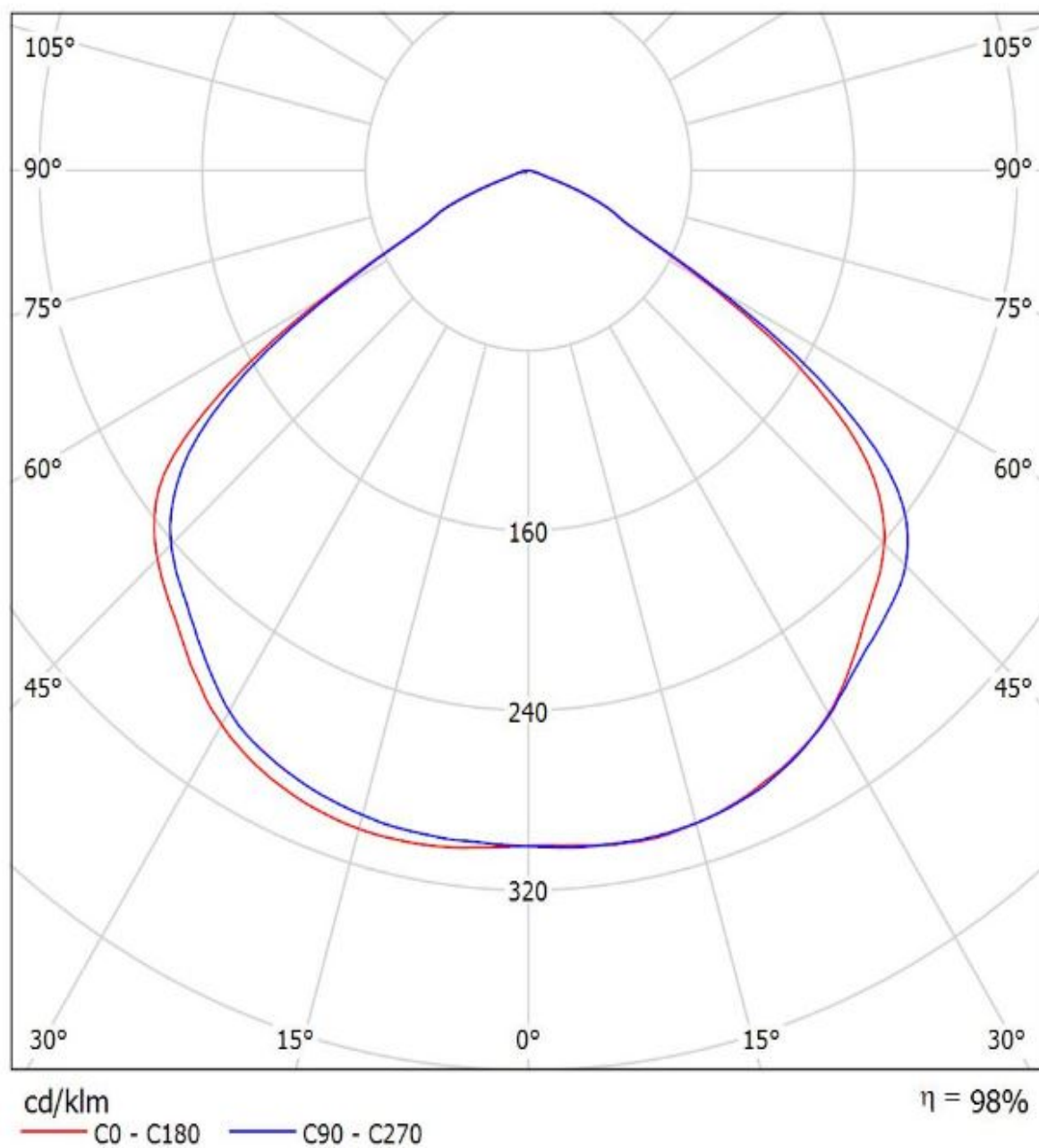


Luminaire: Ledil Oy C15920_STRADELLA-8-HV-CY_(NVSLE21A)_SIMULATED
Lamps: 1 x Nichia NVSLE21A

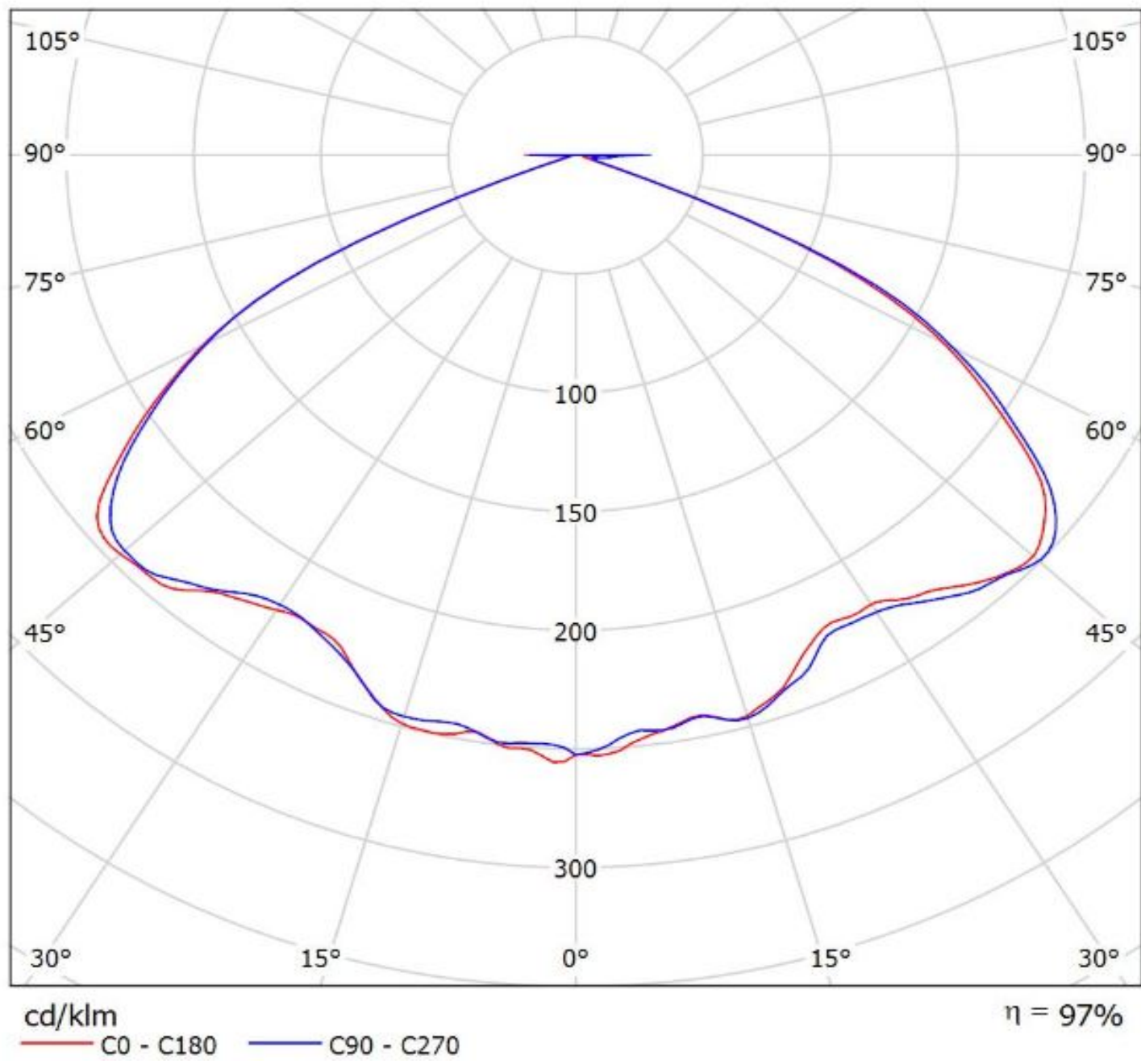


Luminaire: Ledil C15920_STRADELLA-8-HV-CY_(NVSW219D)

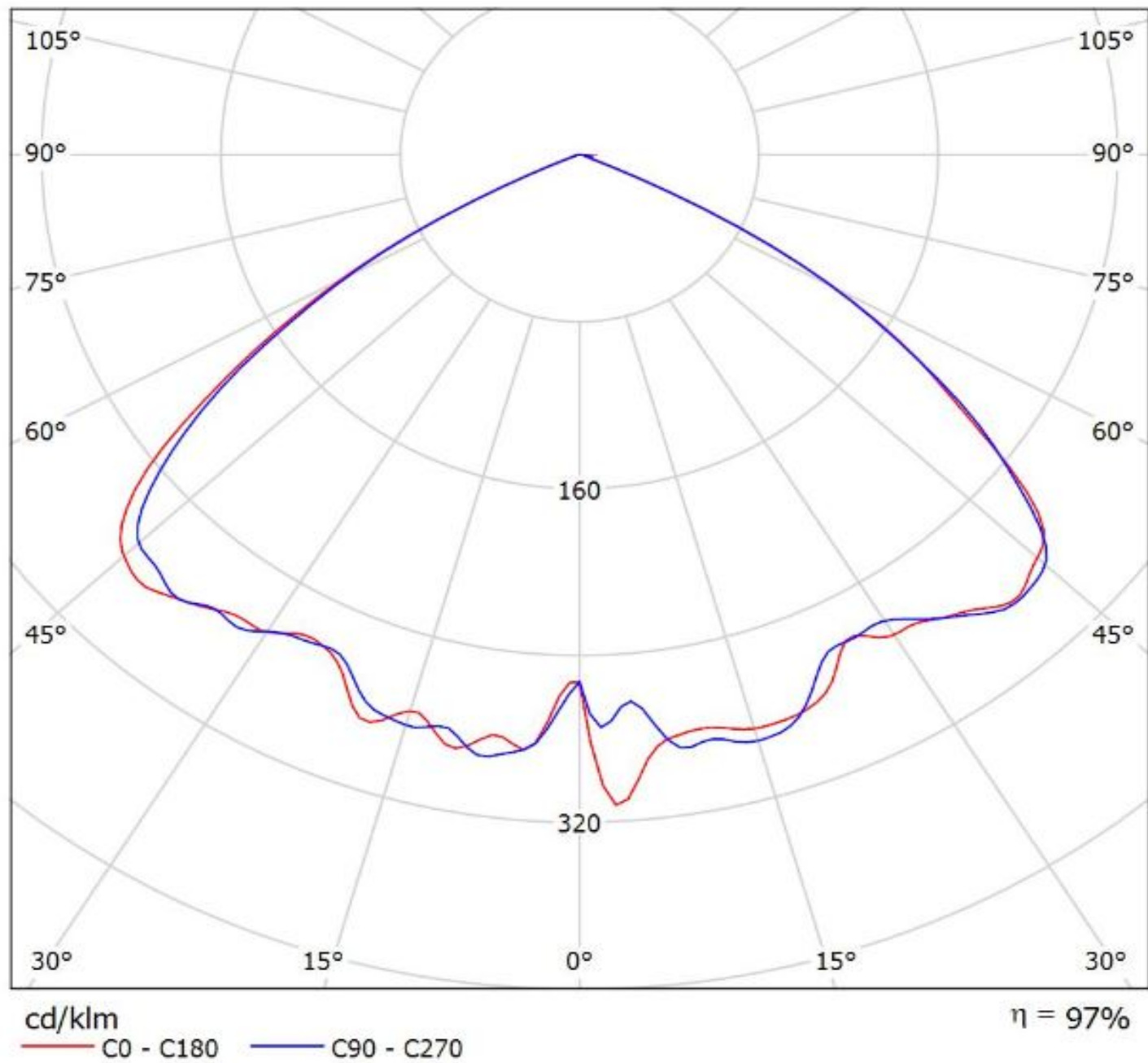
Lamps: 1 x NICHIA_NVSW219D_Stradella-8_(sm403D320R70)_972.863lm@250mA_CCT=4000K_P=5.58452W_U=22.347V



Luminaire: Ledil Oy C15920_STRADELLA-8-HV-CY_(LH181A)_SIMULATED
Lamps: 1 x Samsung LH181A



Luminaire: Ledil Oy C15920_STRADELLA-8-HV-CY_(LH181B)_SIMULATED
Lamps: 1 x Samsung LH181B



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.