PRODUCT DATASHEET
Stradella series
last update 12/9/2017

DETAILS

Product Number	C16005_STRADELLA-8-T1-A
Family	Stradella
Type	Lens
Color	clear
Diameter	49,5x49,5 mm
Height	5,32 mm
Style	square
Optic Material	PMMA
Holder Material	
Fastening	pin, screw
Status	production ready
ROHS Compliant	Yes
Date Updated	12/09/2017

OPTICAL PROPERTIES

LED	Viewing Angle	Light Beam	Effi-ciency	cd/lm	Connector
QUICK FLUX XT 2x8 xxx STRDLL G5	Asymmetric deg	Streetligh...	94 %	0.910	-
XT-E	Asymmetric deg	Streetligh...	94 %	1.000	-
XP-G3	sim: Asymmetric	Streetligh...	sim: 94 %	sim: 0.709	-
XP-G2	sim: Asymmetric	Streetligh...	sim: 94 %	sim: 0.973	-
NVSxx19B/NVSxx19C	sim: Asymmetric	Streetligh...	sim: 94 %	sim: 0.873	-
NVSxE21A	sim: Asymmetric	Streetligh...	sim: 93 %	sim: 1.300	-
Oslon Square Gen3	sim: Asymmetric	Streetligh...	sim: 94 %	sim: 0.887	-
Oslon Square PC	sim: Asymmetric	Streetligh...	sim: 94 %	sim: 0.970	-
OSCONIQ P 3737 (2W version)	sim: Asymmetric	Streetligh...	sim: 94 %	sim: 0.830	-
Oslon Square PC	sim: Asymmetric	Streetligh...	sim: 89 %	sim: 0.750	Undefined Manufacturer: Protective Plate, Glass
LH351B	sim: Asymmetric	Streetligh...	sim: 94 %	sim: 0.769	-
LH351C	sim: Asymmetric	Streetligh...	sim: 94 %	sim: 0.930	-
Z5M1/Z5M2	sim: Asymmetric	Streetligh...	sim: 94 %	sim: 1.009	-

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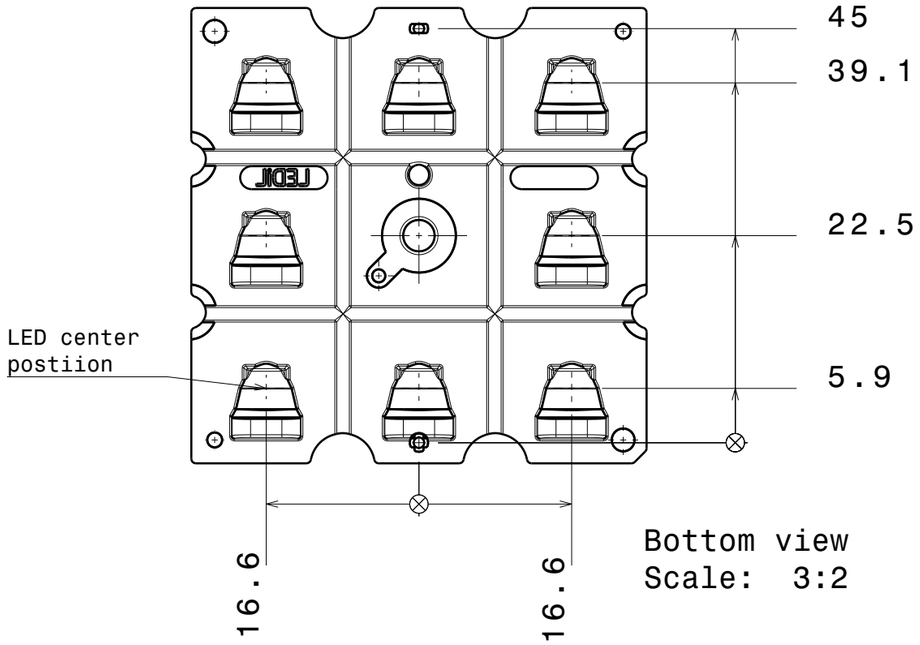
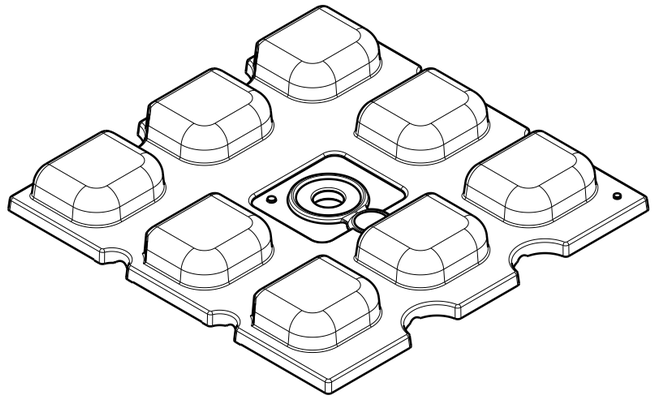
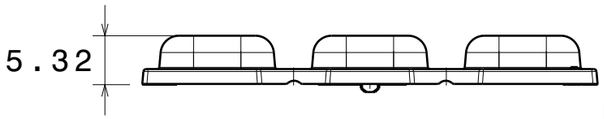


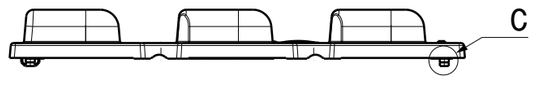
Bottom view
Scale: 3:2



Isometric view
Scale: 3:2



Front view
Scale: 3:2



Left view
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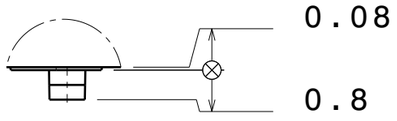
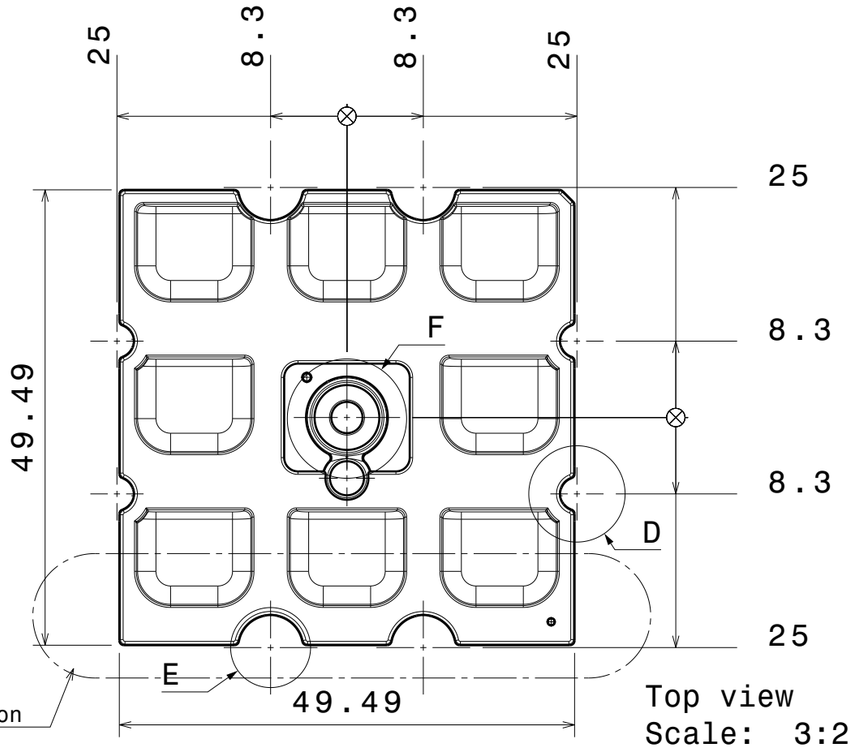
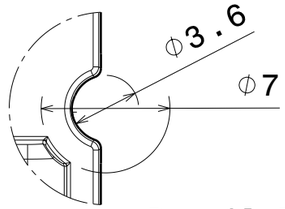


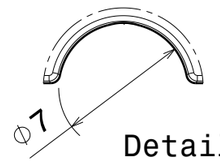
Detail C
Scale: 6:1



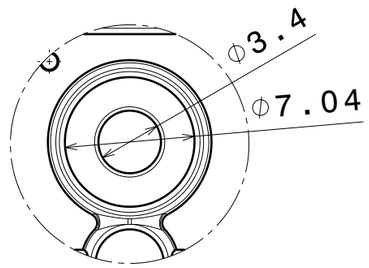
Top view
Scale: 3:2



Detail D
Scale: 3:1



Detail E
Scale: 3:1



Detail F
Scale: 3:1

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

THIRD ANGLE PROJECTION:

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Salorankatu 10
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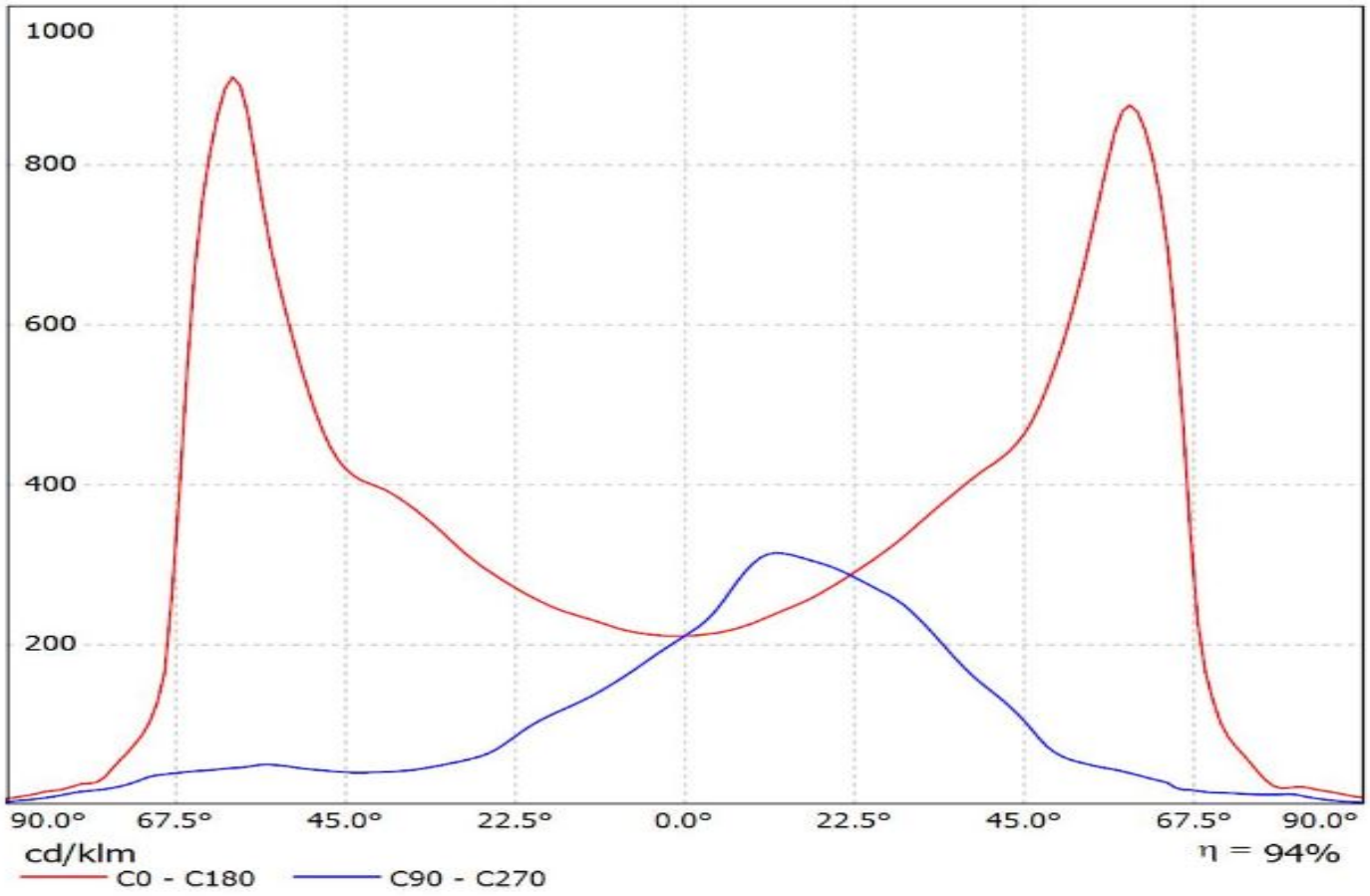
Finland

DRAWING TITLE
STRADELLA-8-T1-A mechanical drawing

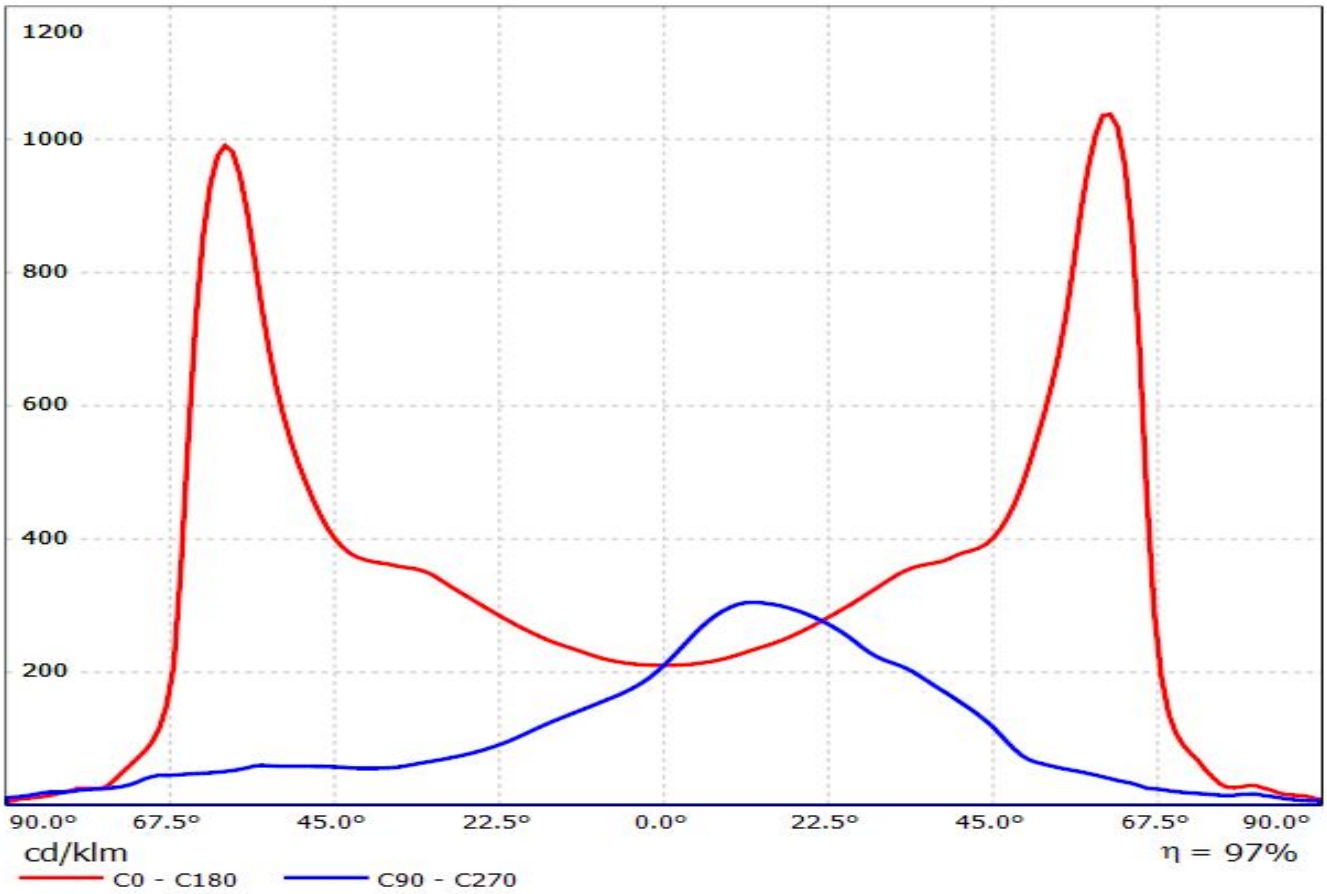
SIZE	PART NUMBER
A3	C16005

SCALE	WEIGHT		SHEET
3:2	6,7 g		1/1

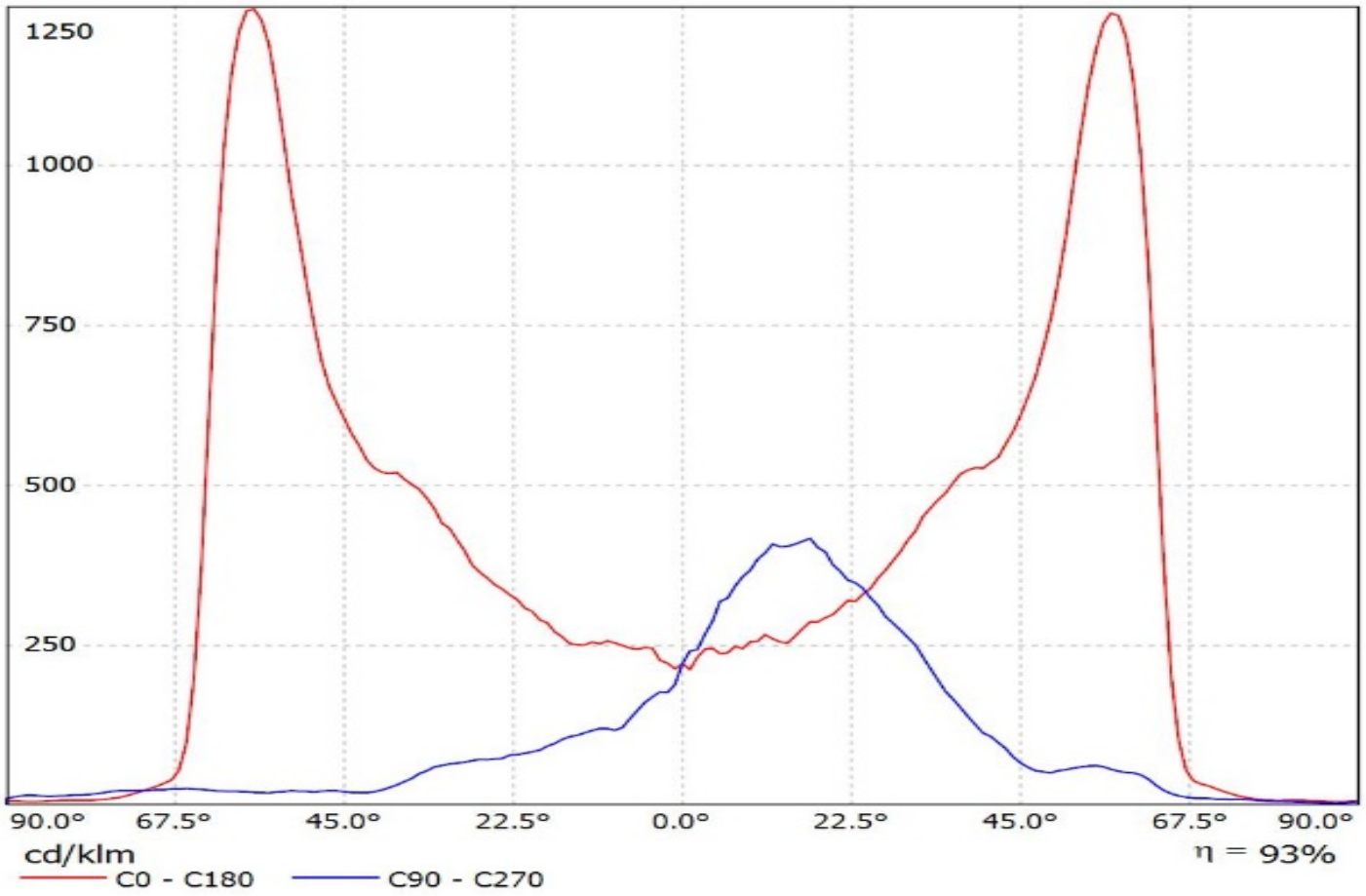
Luminaire: Ledil C16005_STRADELLA-8-T1-A_(QUICK-FLUX-EngXP-750-Strdll16)
Lamps: 1 x Cree_XT-E-HE_QUICK-FLUX-EngXP-750-Strdll16_1847.62lm@250mA_P=11.5481W_I=0.25A



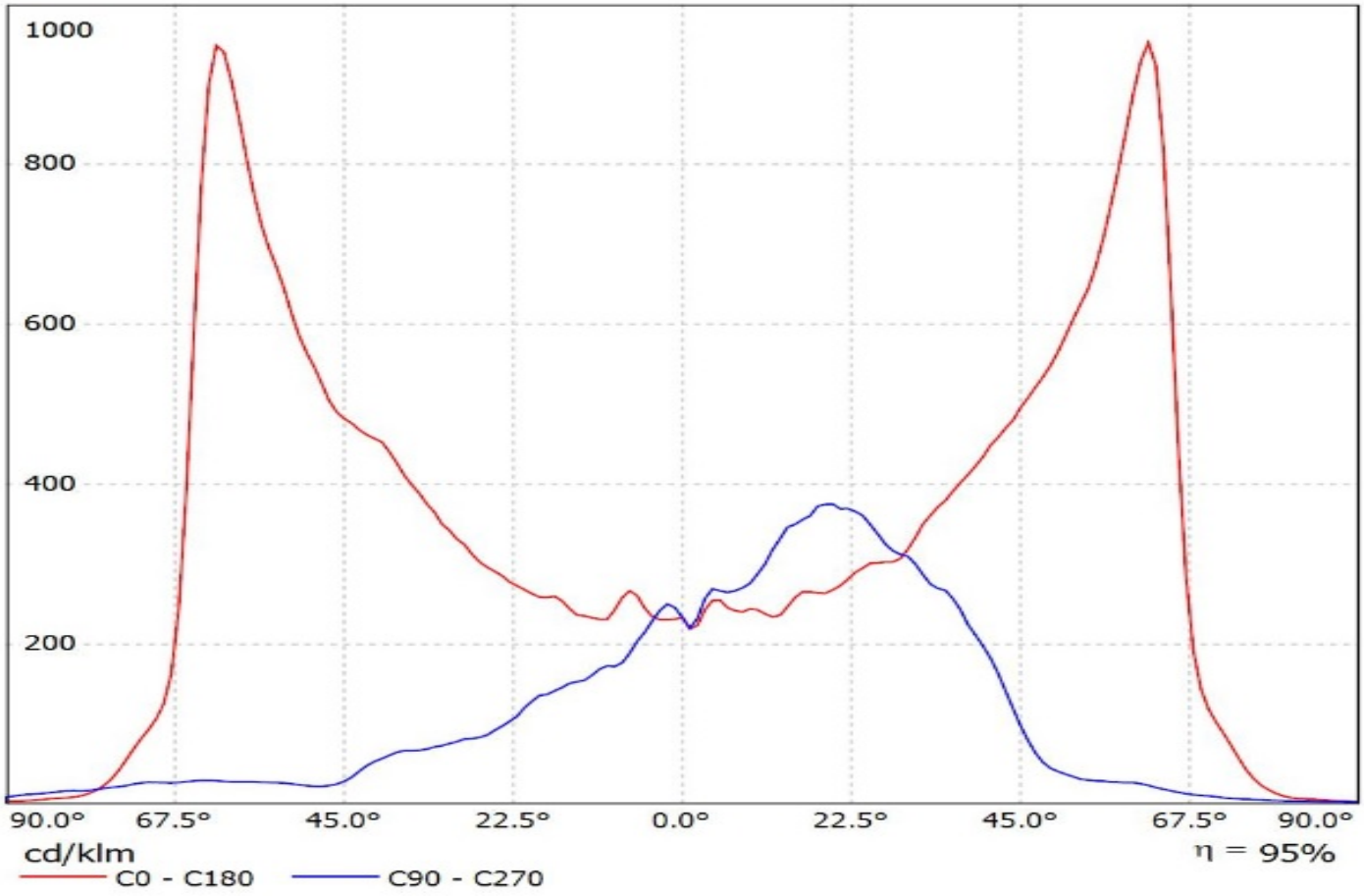
Luminaire: Ledil C16005_STRADELLA-8-T1-A_(XT-E)
Lamps: 1 x Cree_XT-E_x8_(XTEAWT-0-2B0-R50-FB-0001)_864.225lm@250mA_P=5.96025W_I=0.25A



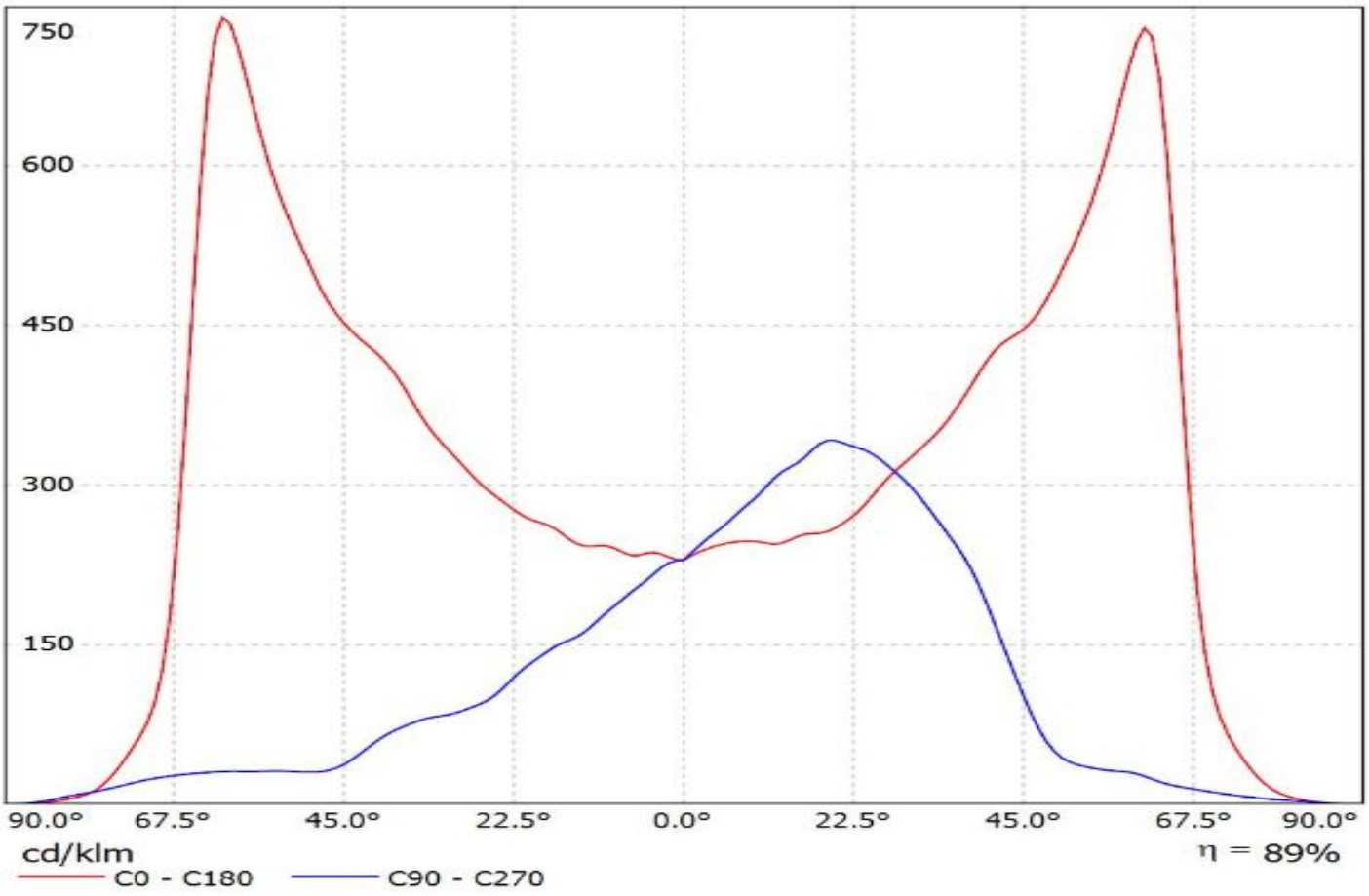
Luminaire: Ledil Oy C16005_STRADELLA-8-T1-A_(NVSLE21A)_SIMULATED
Lamps: 1 x Nichia NVSLE21A



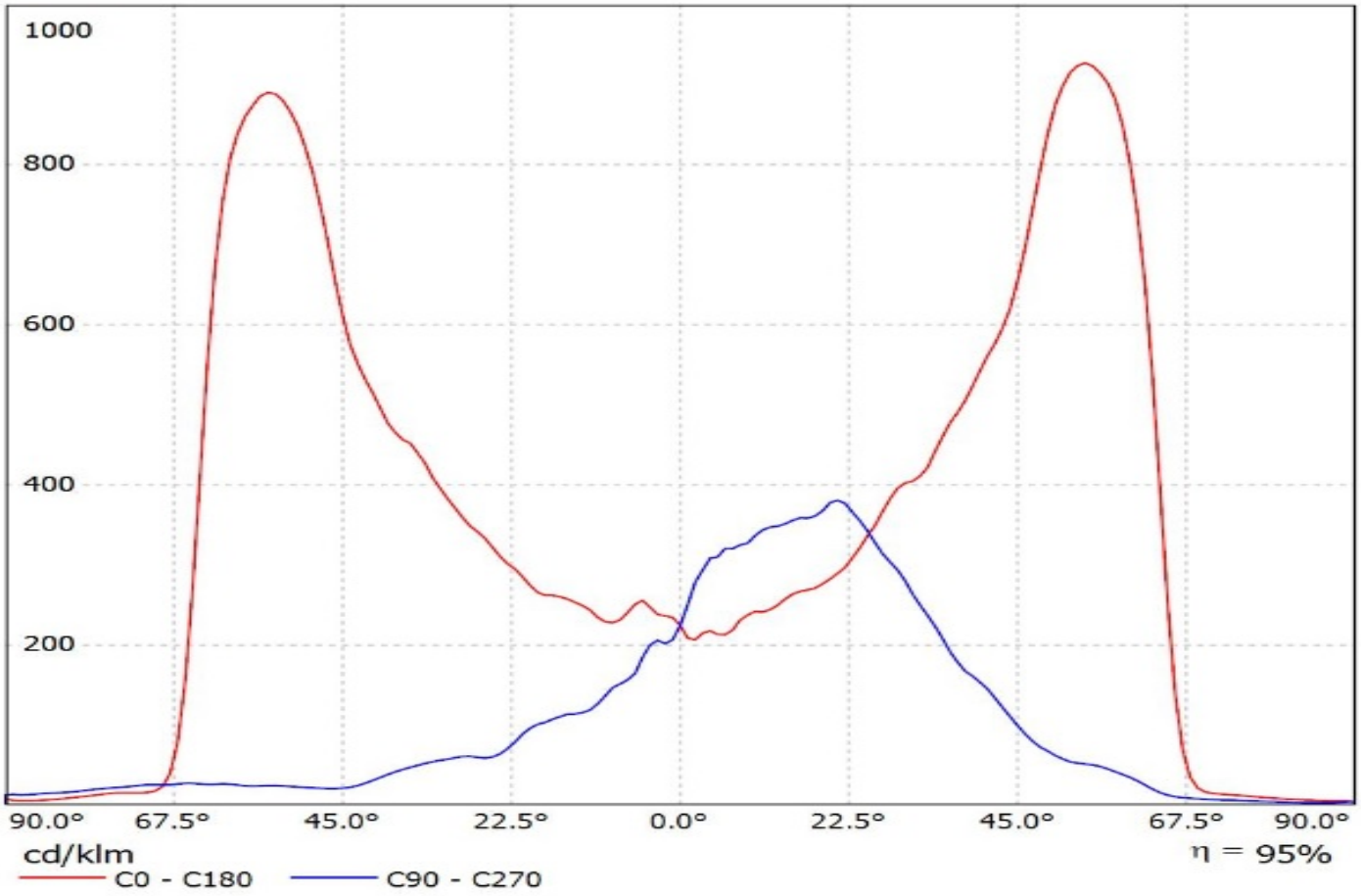
Luminaire: Ledil Oy C16005_STRADELLA-8-T1-A_(Oslon_Square_PC)_SIMULATED
Lamps: 1 x Osram Oslon Square PC - GW CSSRM1.PC



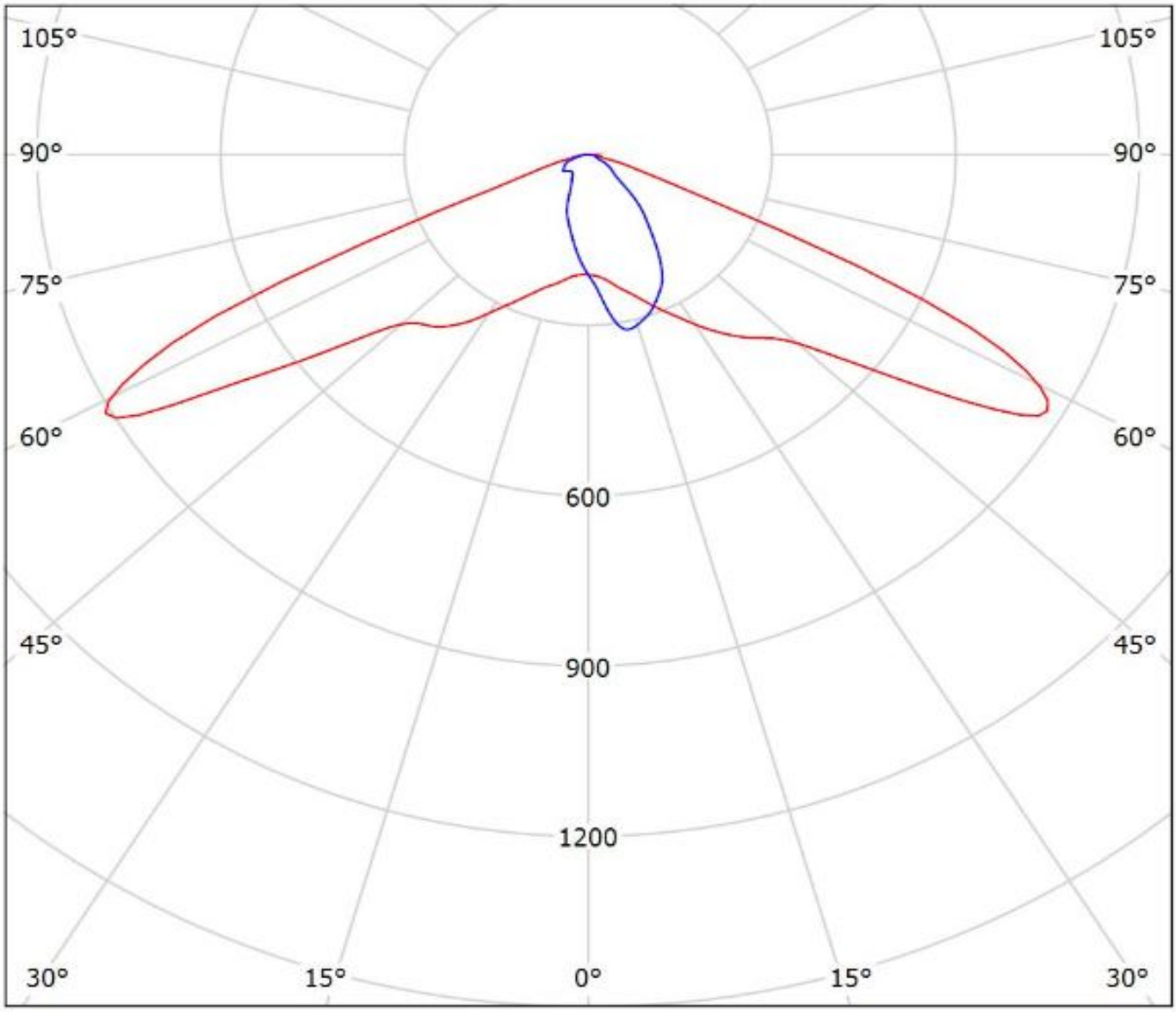
Luminaire: Ledil Oy C16005_STRADELLA-8-T1_(Osram_Oslon Square PC)_(Glass)_SIMULATED
Lamps: 1 x Osram_Oslon Square PC



Luminaire: Ledil Oy C16005_STRADELLA-8-T1-A_(LH351C)_SIMULATED
Lamps: 1 x Samsung LH351C



Luminaire: Ledil C16005_STRADELLA-8-T1-A_(QUICK-FLUX-EngXP-750-Strdll16)
Lamps: 1 x Cree_XT-E-HE_QUICK-FLUX-EngXP-750-Strdll16_1847.62lm@250mA_P=11.5481W_I=0.25A

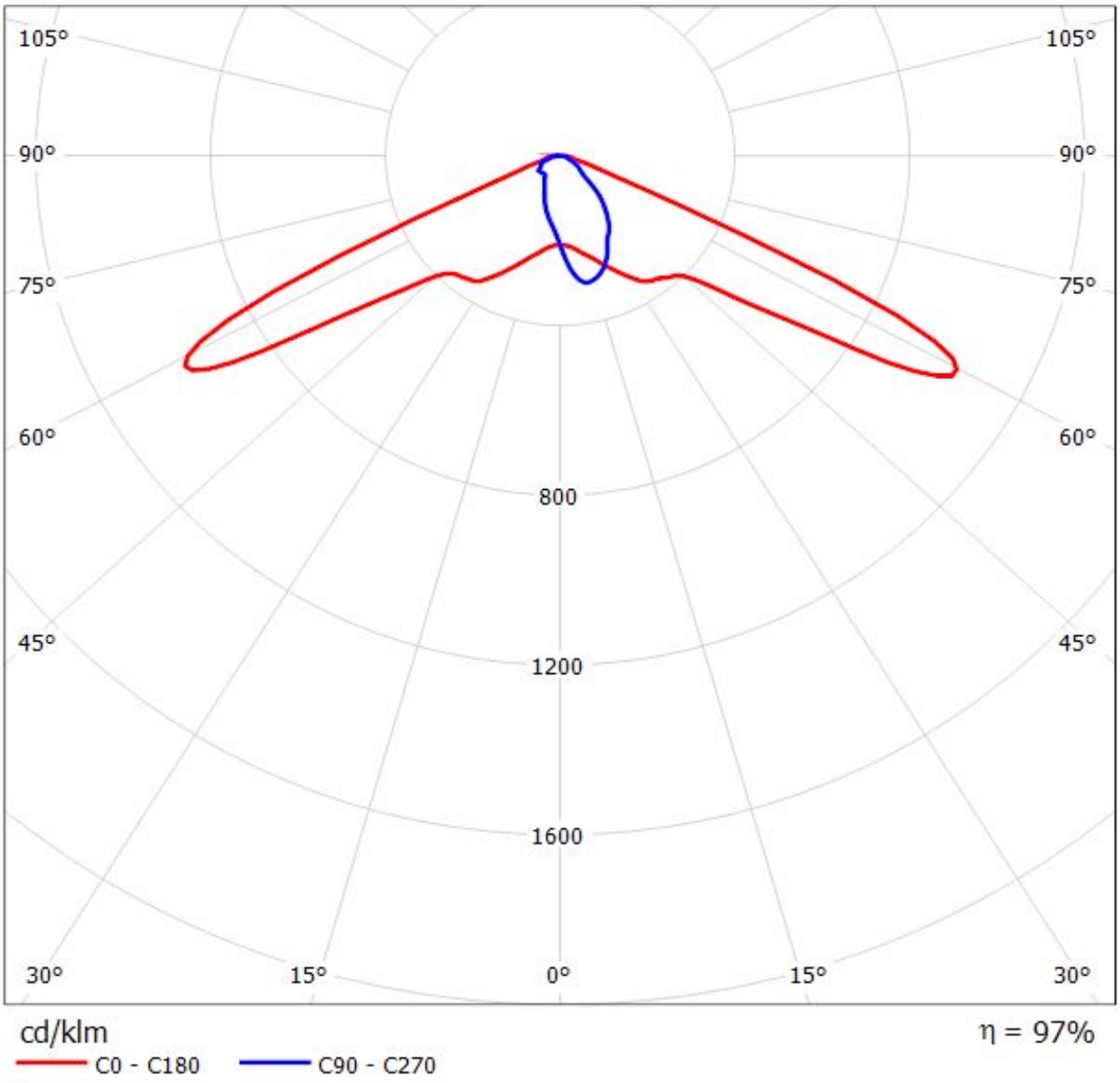


cd/klm

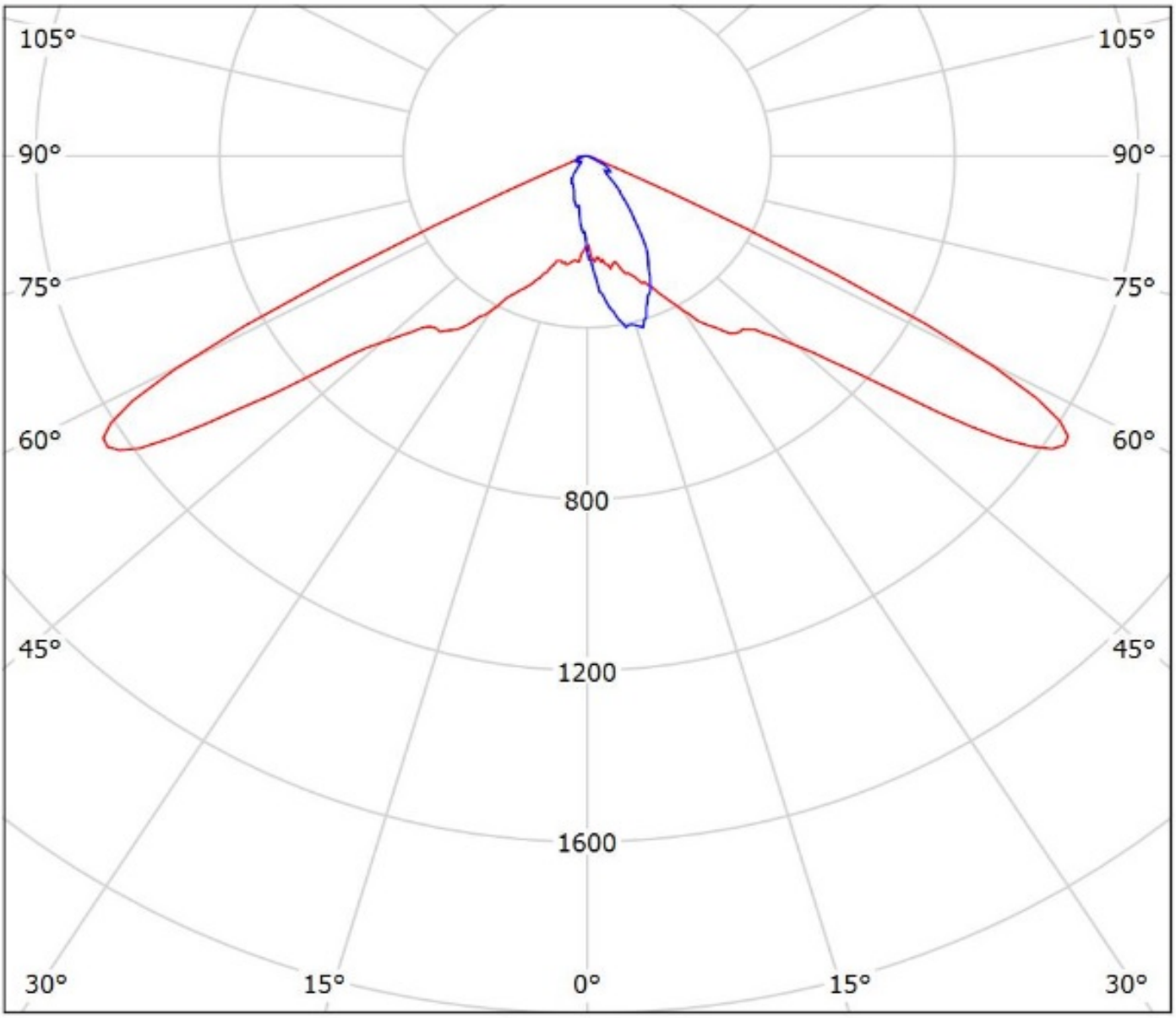
η = 94%

C0 - C180 C90 - C270

Luminaire: Ledil C16005_STRADELLA-8-T1-A_(XT-E)
Lamps: 1 x Cree_XT-E_x8_(XTEAWT-0-2B0-R50-FB-0001)_864.225lm@250mA_P=5.96025W_I=0.25A



Luminaire: Ledil Oy C16005_STRADELLA-8-T1-A_(NVSLE21A)_SIMULATED
Lamps: 1 x Nichia NVSLE21A

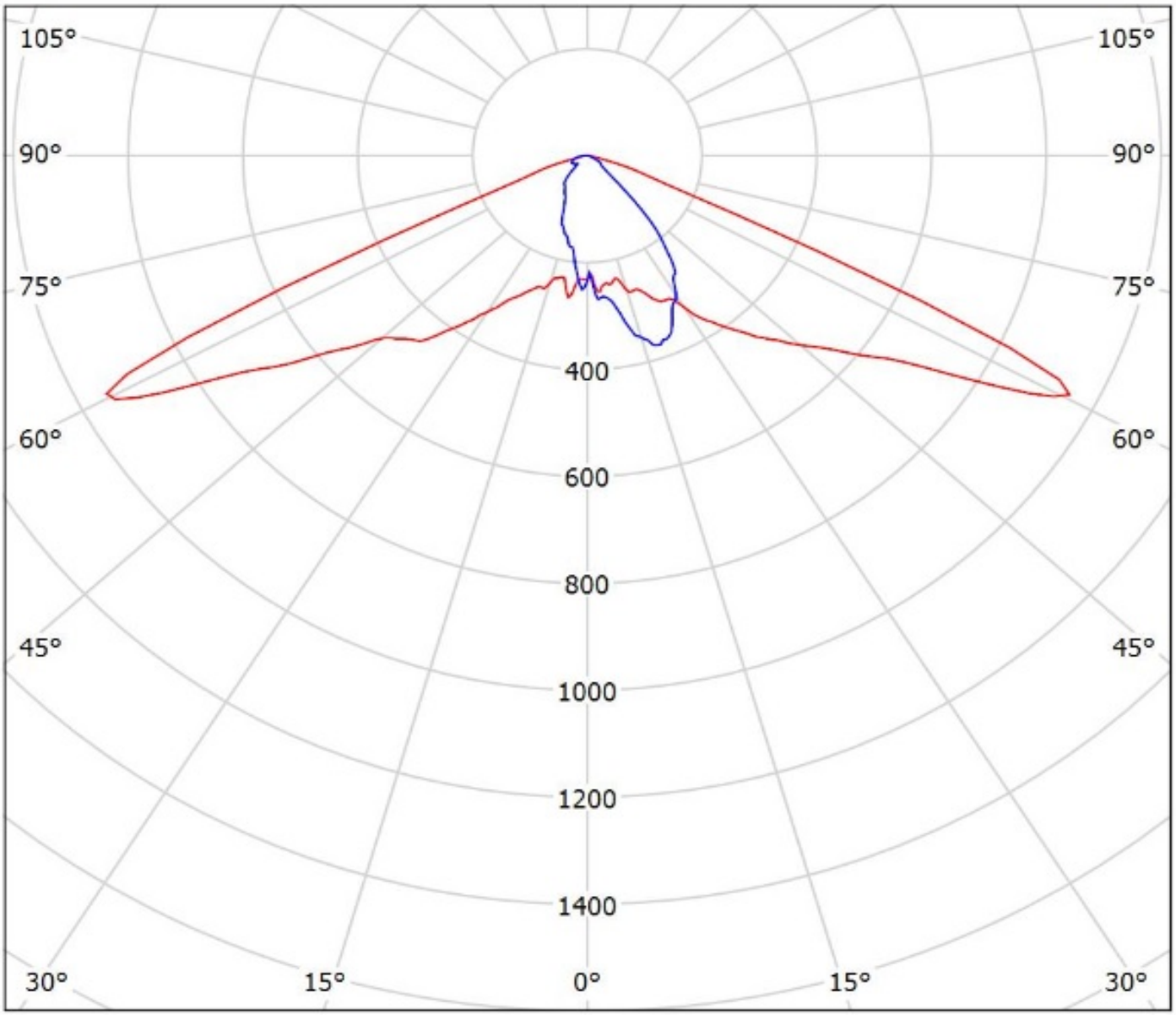


cd/klm

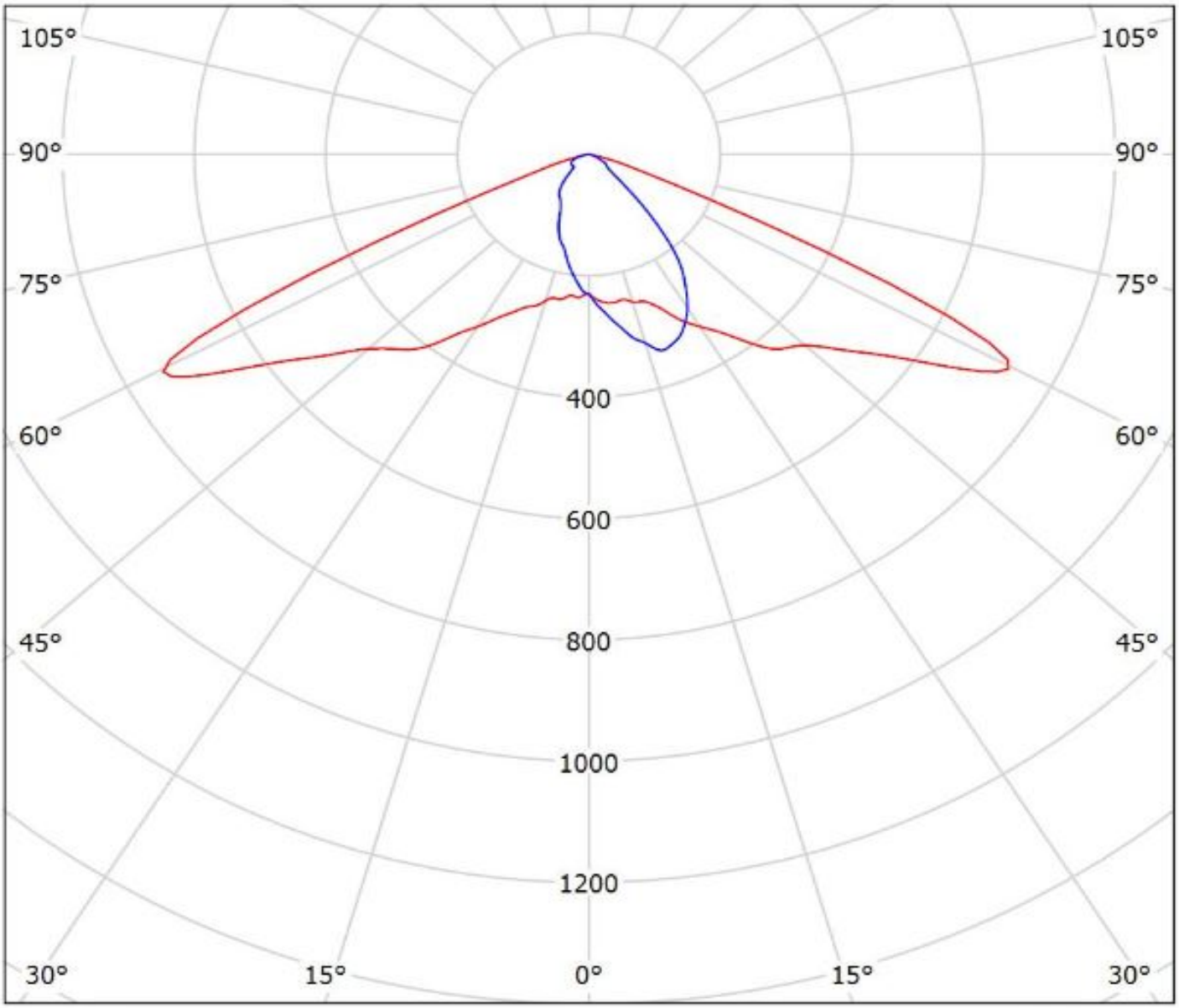
η = 93%

C0 - C180 C90 - C270

Luminaire: Ledil Oy C16005_STRADELLA-8-T1-A_(Oslon_Square_PC)_SIMULATED
Lamps: 1 x Osram Oslon Square PC - GW CSSRM1.PC



Luminaire: Ledil Oy C16005_STRADELLA-8-T1_(Osram_Oslon Square PC)_(Glass)_SIMULATED
Lamps: 1 x Osram_Oslon Square PC

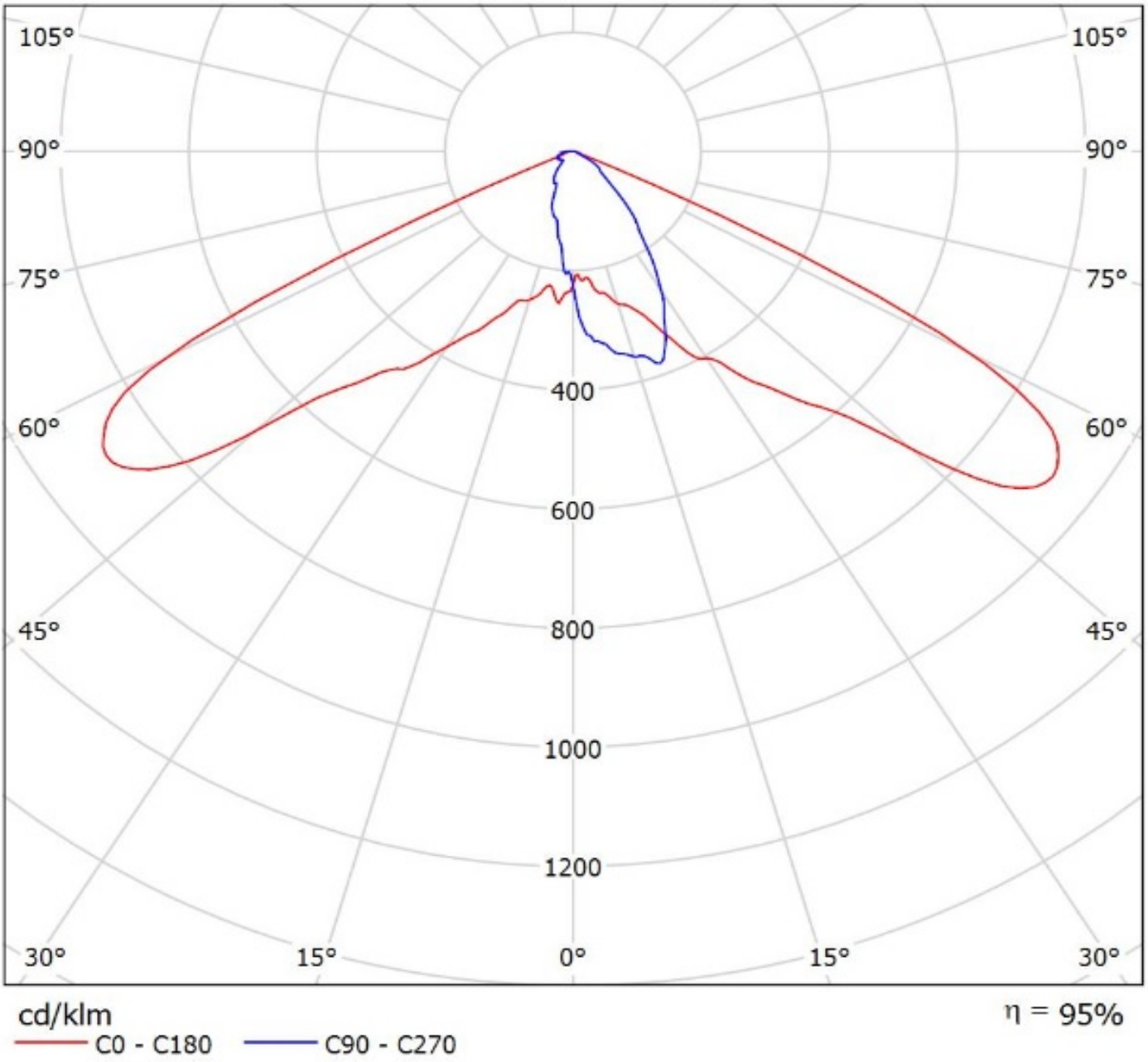


cd/klm

η = 89%

C0 - C180 C90 - C270

Luminaire: Ledil Oy C16005_STRADELLA-8-T1-A_(LH351C)_SIMULATED
Lamps: 1 x Samsung LH351C



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.