



PRODUCT DATASHEET

Stradella series

last update 12/2/2018

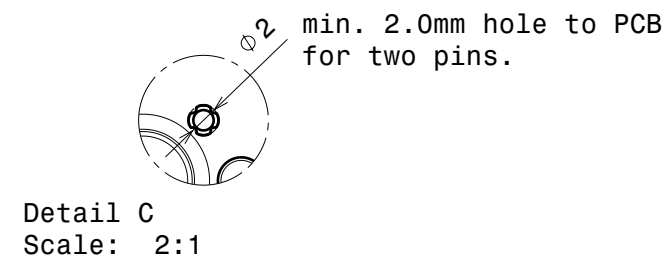
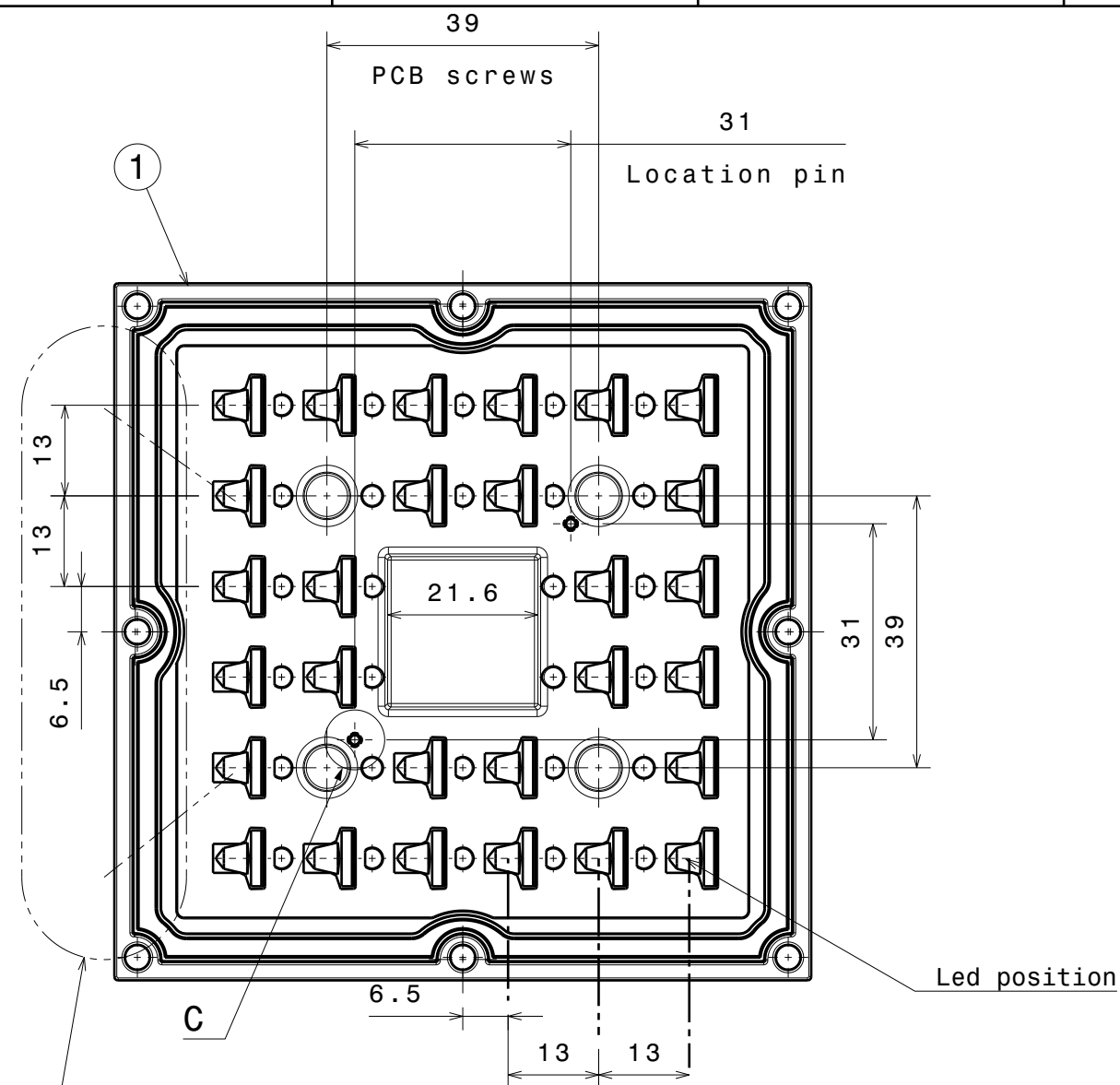
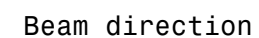
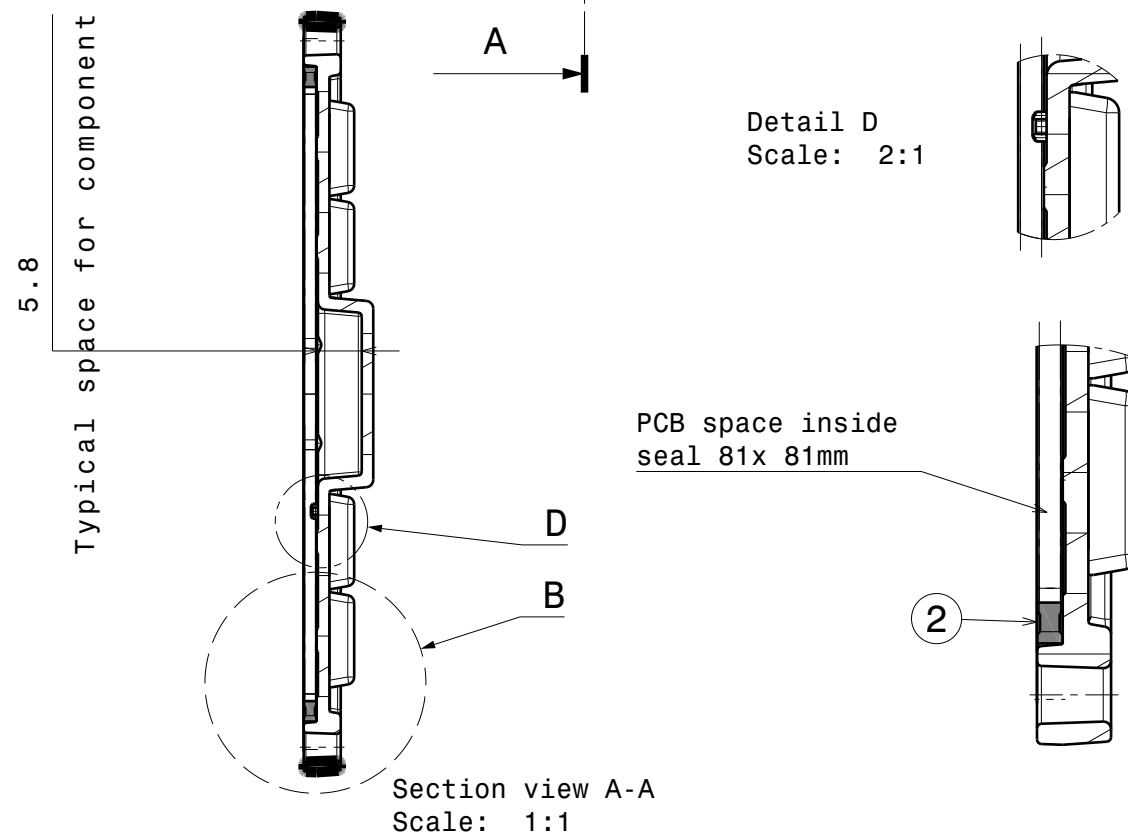
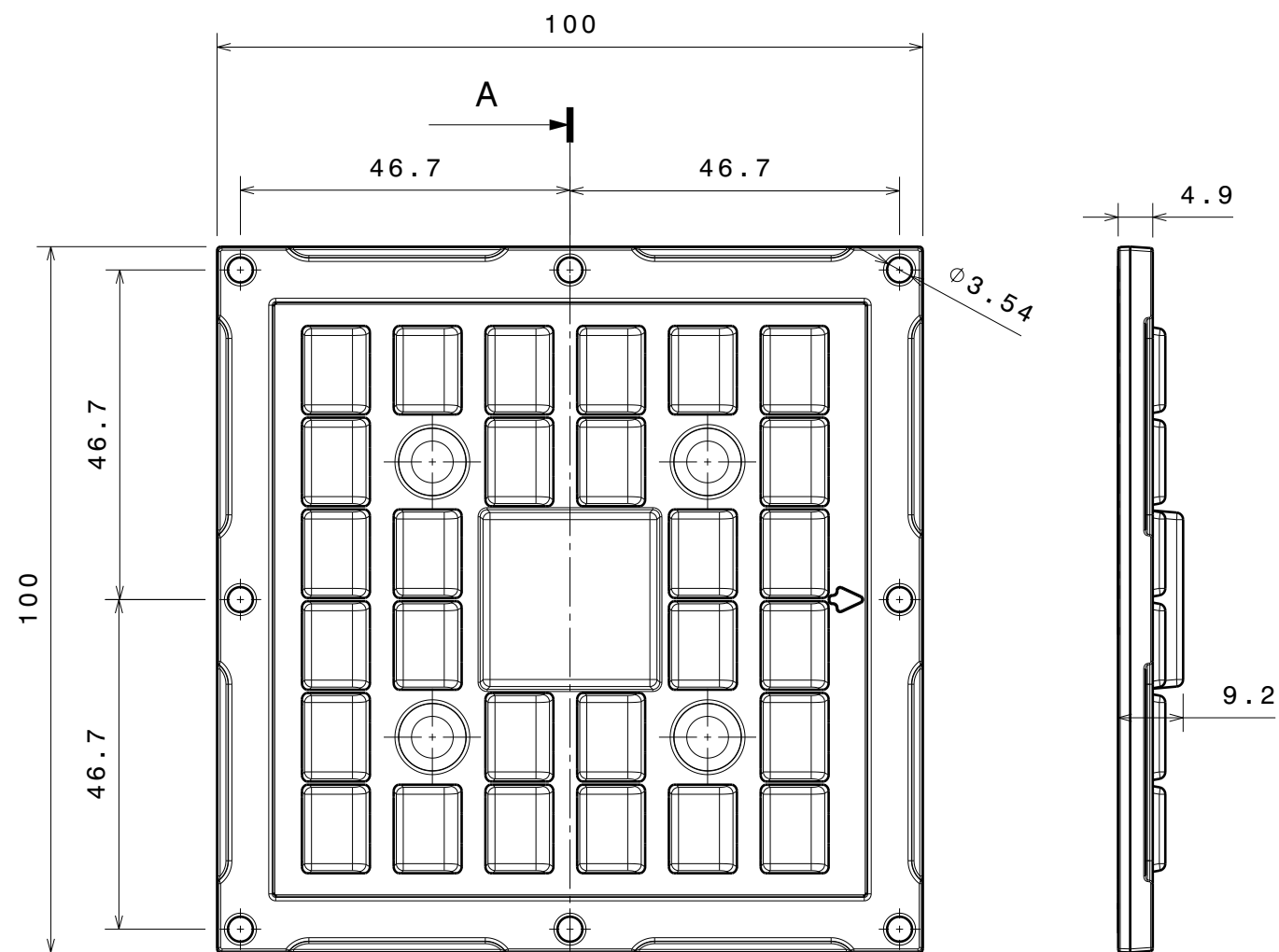
DETAILS

Product Number	CS16102_STRADELLA-IP-28-T3
Family	Stradella
Type	Assembly
Color	clear
Diameter	100 x 100 mm
Height	mm
Style	square
Optic Material	PMMA
Holder Material	
Fastening	pin, screw
Status	production ready
ROHS Compliant	Yes
Date Updated	12/02/2018



OPTICAL PROPERTIES

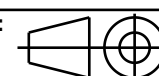
LED	Viewing Angle	Light Beam	Efficiency	cd/lm	Connector
XT-E	Asymmetric deg	Streetligh...	94 %	0.600	-
XP-G3	sim: Asymmetric	Streetligh...	sim: 90 %	sim: 0.400	-
J Series 3030	sim: Asymmetric	Streetligh...	sim: 93 %	sim: 0.680	-
LUXEON 3030 2D	Asymmetric deg	Streetligh...	94 %	0.780	-
NF2x757G	sim: Asymmetric	Streetligh...	sim: 94 %	sim: 0.660	-
Duris S5 (2 chip)	Asymmetric deg	Streetligh...	94 %	0.680	-
Oslon SSL 150	sim: Asymmetric	Streetligh...	sim: 91 %	sim: 0.660	-



INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	C16101	STRADELLA- IP-28- T3	PMMA	clear
2	C15900	STRADELLA-28-SEAL	Silicone	

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

FIRST ANGLE PROJECTION:



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LEDiL

	DRAWING TITLE
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CS16102 STRADELLA-IP-28-T3

SIZE	PART NUMBER
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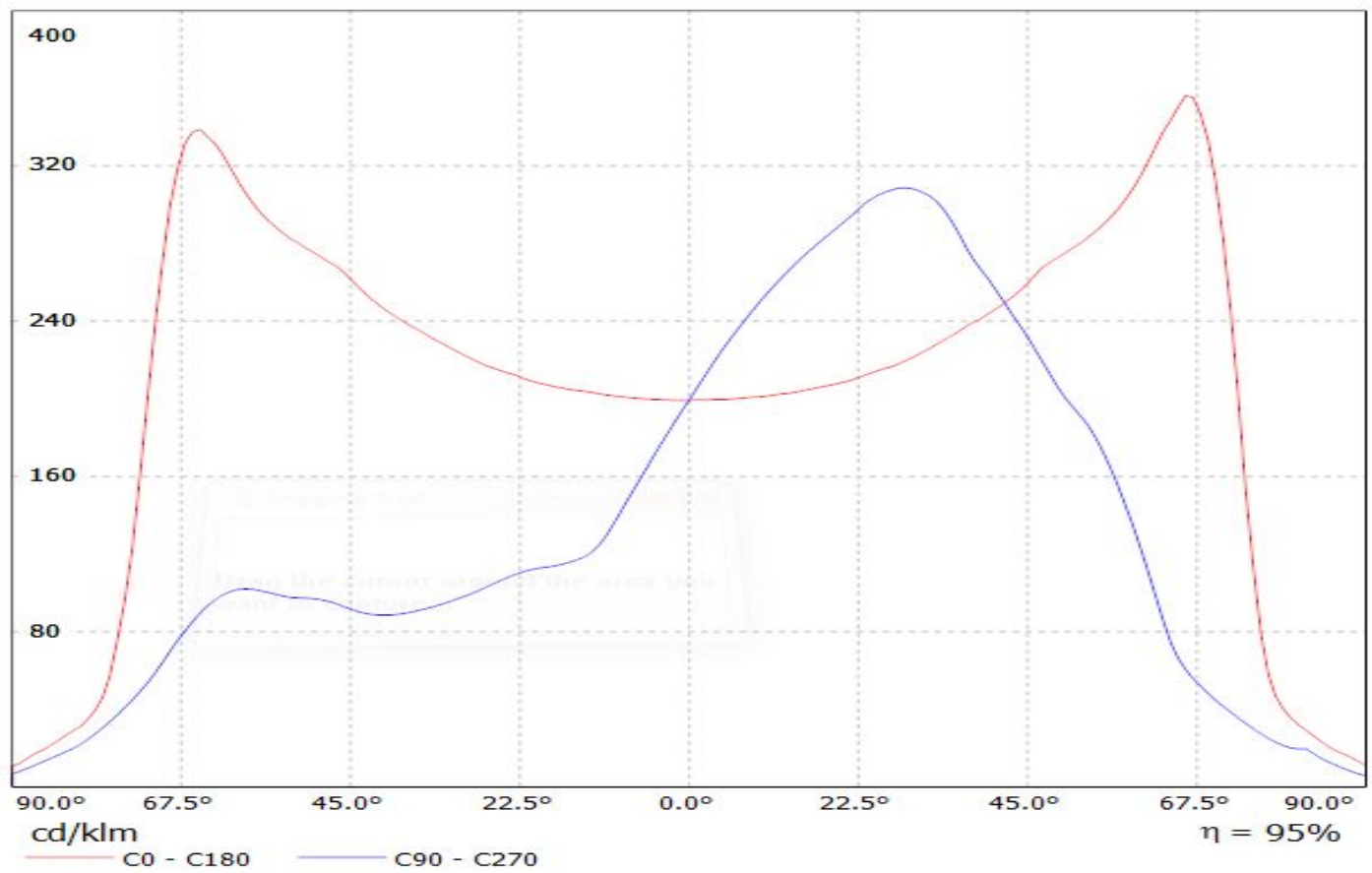
A3	Mechanical Drawing
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SCALE	1 : 1	WEIGHT
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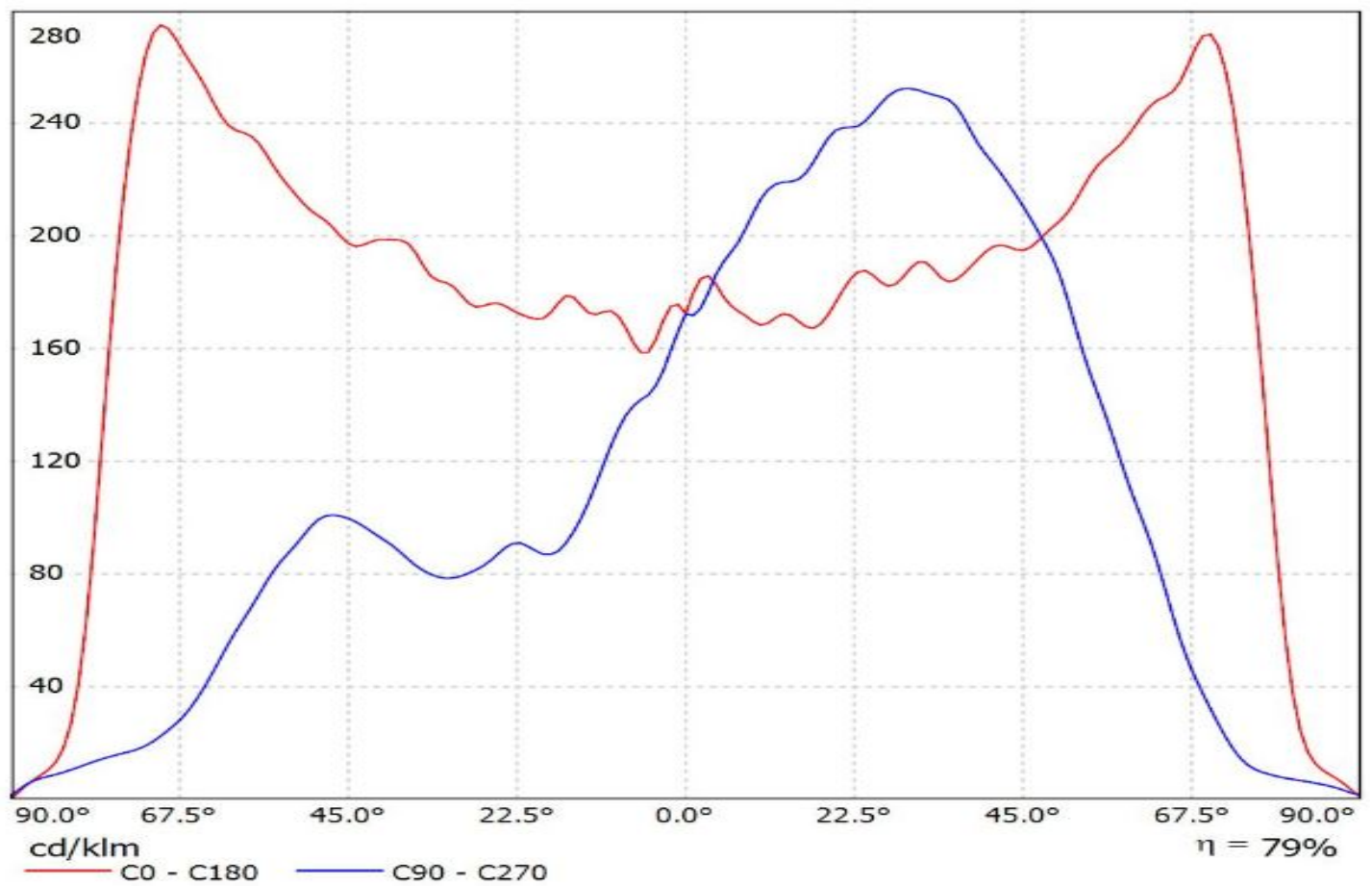
SHEET 1 / 1

Luminaire: Ledil CS16102_STRADELLA-IP-28-T3_(XT-E)

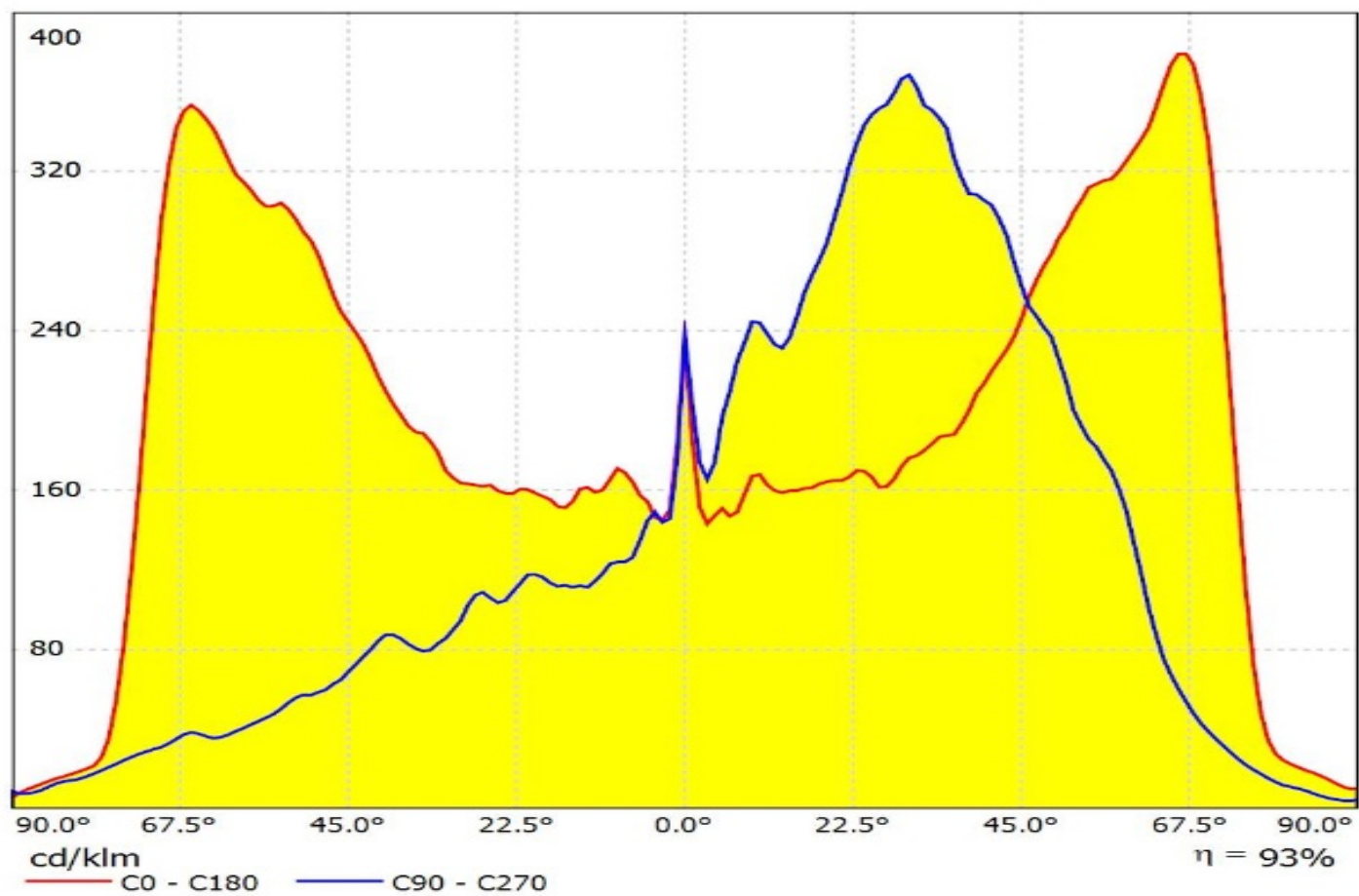
Lamps: 1 x Cree_XT-E_Stradella-28_1805.68lm@250mA_P=9.51344W_U=38.069V



Luminaire: Ledil Oy CS16102_STRADELLA-IP-28-T3_(XP-G3)_SIMULATED
Lamps: 1 x Cree XP-G3

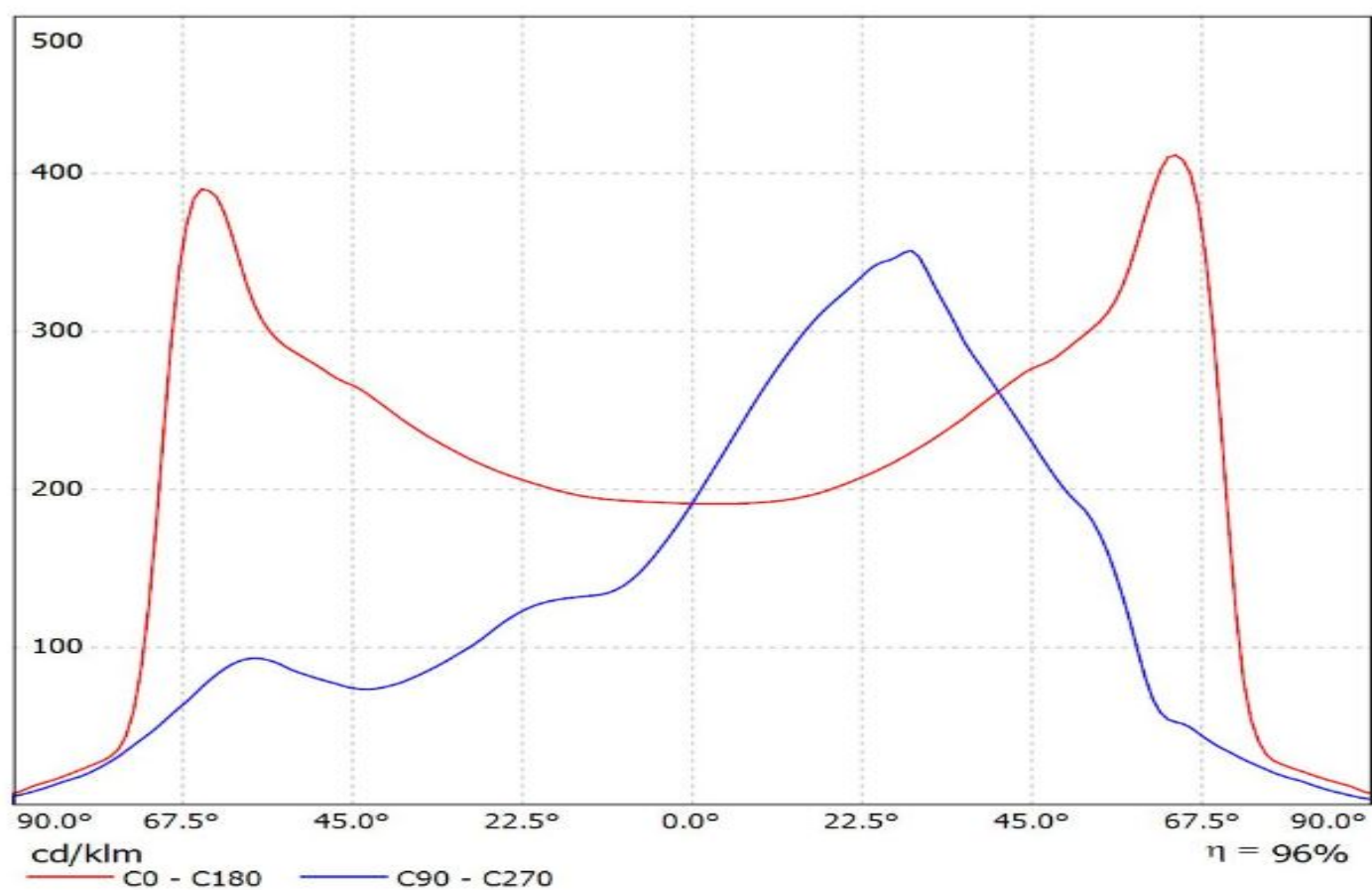


Luminaire: Ledil Oy CS16102_STRADELLA-IP-28-T3_(J_Series_3030_-_JK3030_3V)_SIMULATED
Lamps: 1 x Cree JK3030 3V



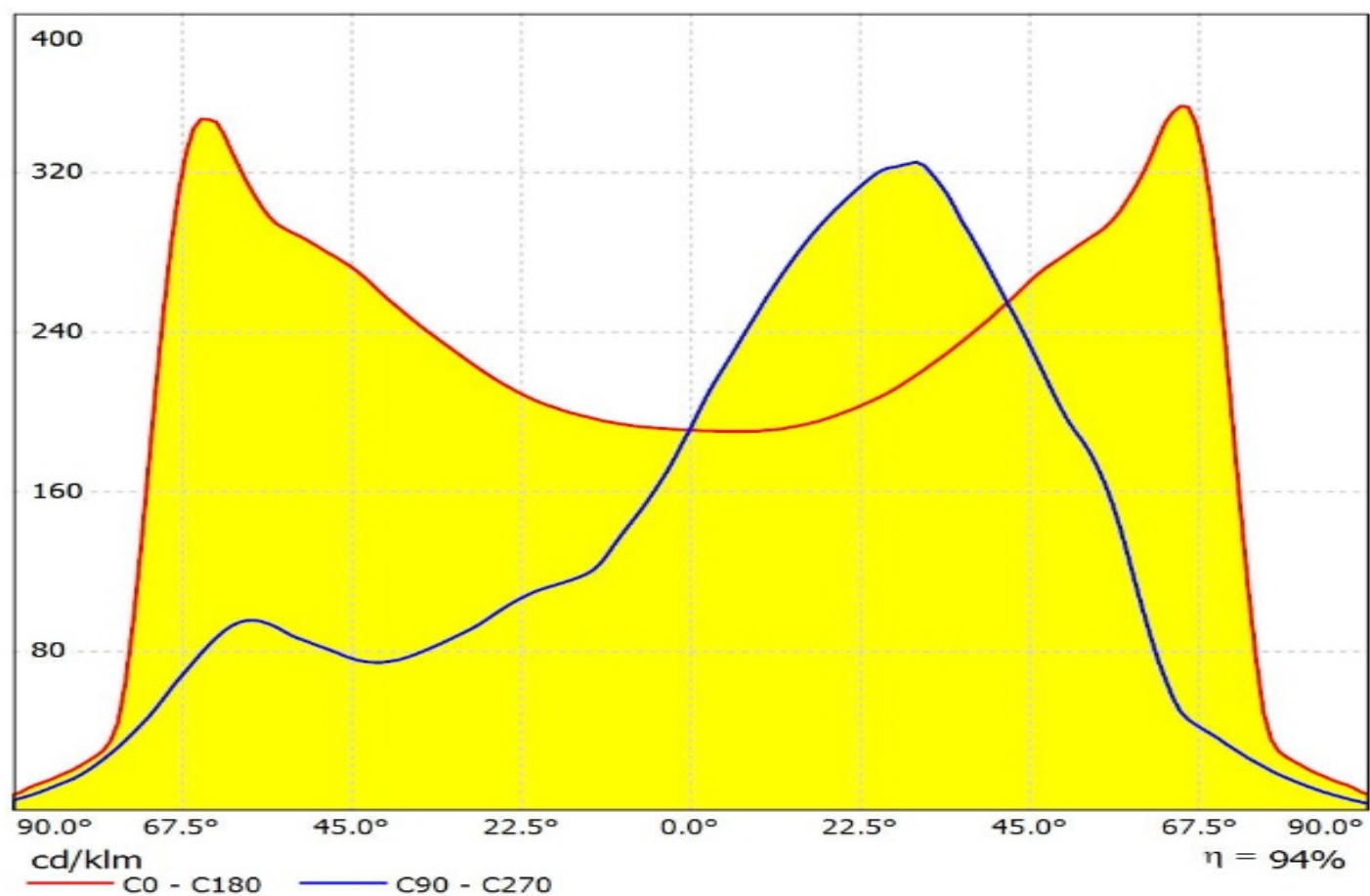
Luminaire: Ledil CS16102_STRADELLA-IP-28-T3_(Luxeon_3030_2D)

Lamps: 1 x Lumileds_Luxeon_3030_2D_1132.31lm@240mA_P=9.57624W_U=39.901V

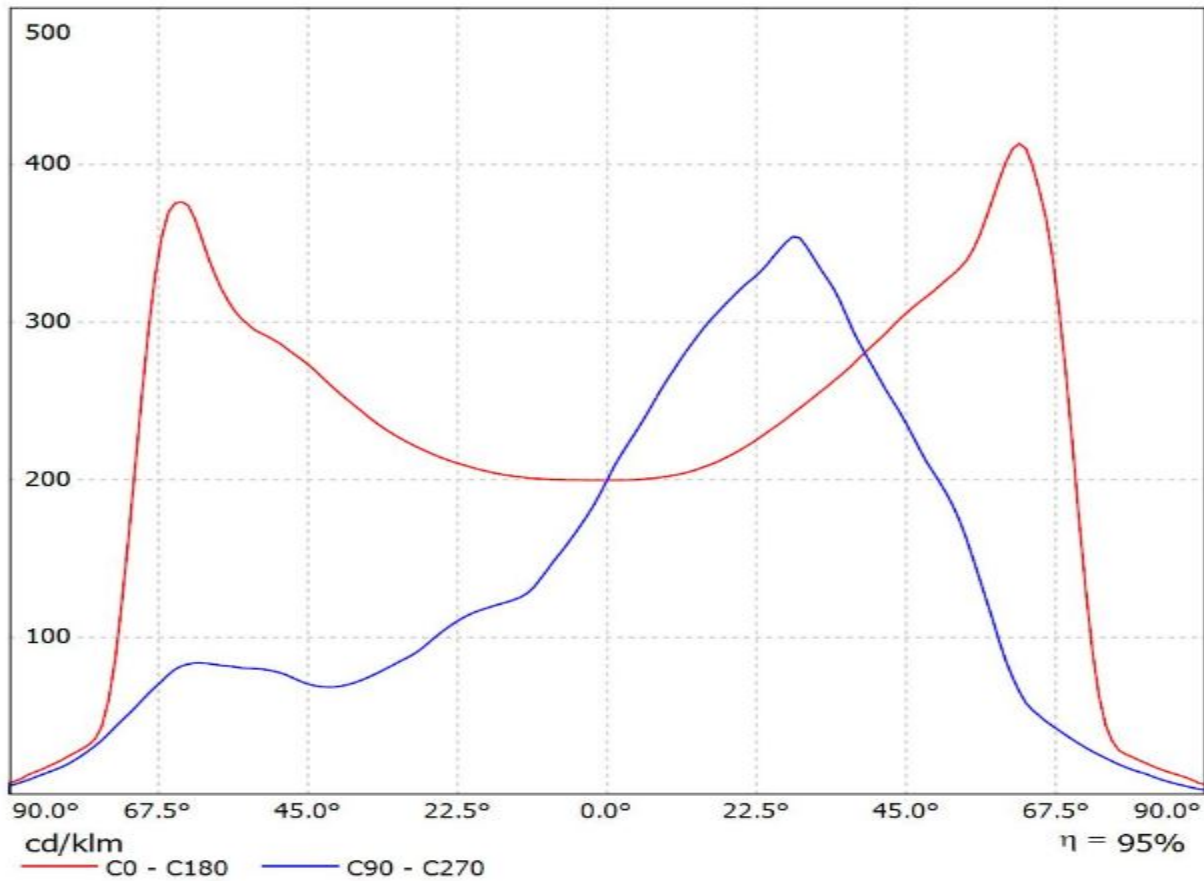


Luminaire: LEDiL Oy CS16102_STRADELLA-IP-28-T3_(NF2x757G)

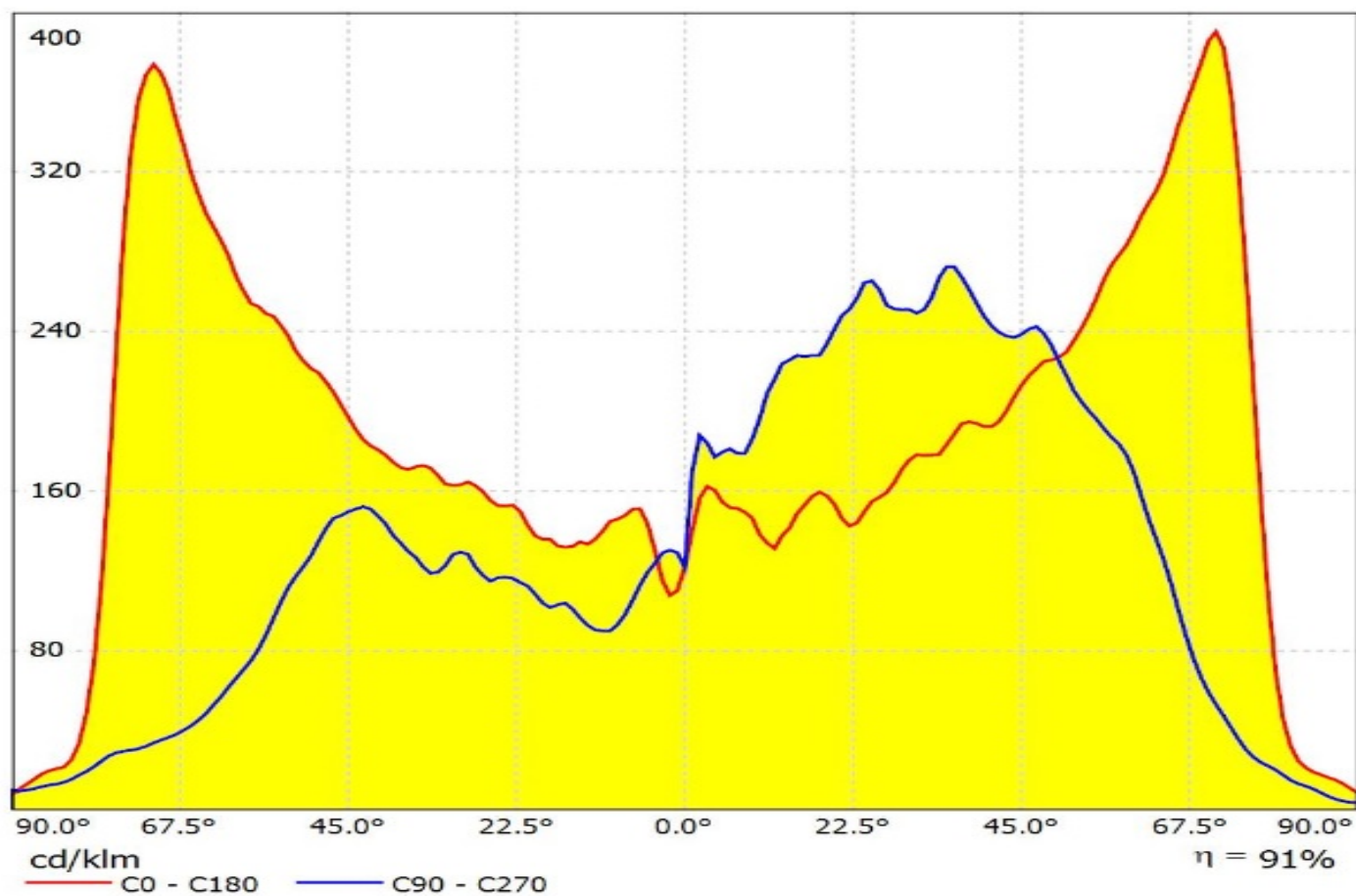
Lamps: 1 x Nichia_NF2x757G_(NF2L757GRT-V1)_1005.33lm@150mA_P=5.81972W_U=38.824V



Luminaire: Ledil CS16102_STRADELLA-IP-28-T3 (Duris_S5)
Lamps: 1 x Osram_Duris_S5_Stradella28_(GW_PSLR32.EM-JQJS-A333-1)_786.457lm@250mA_P=4.90979W_I=0.250A

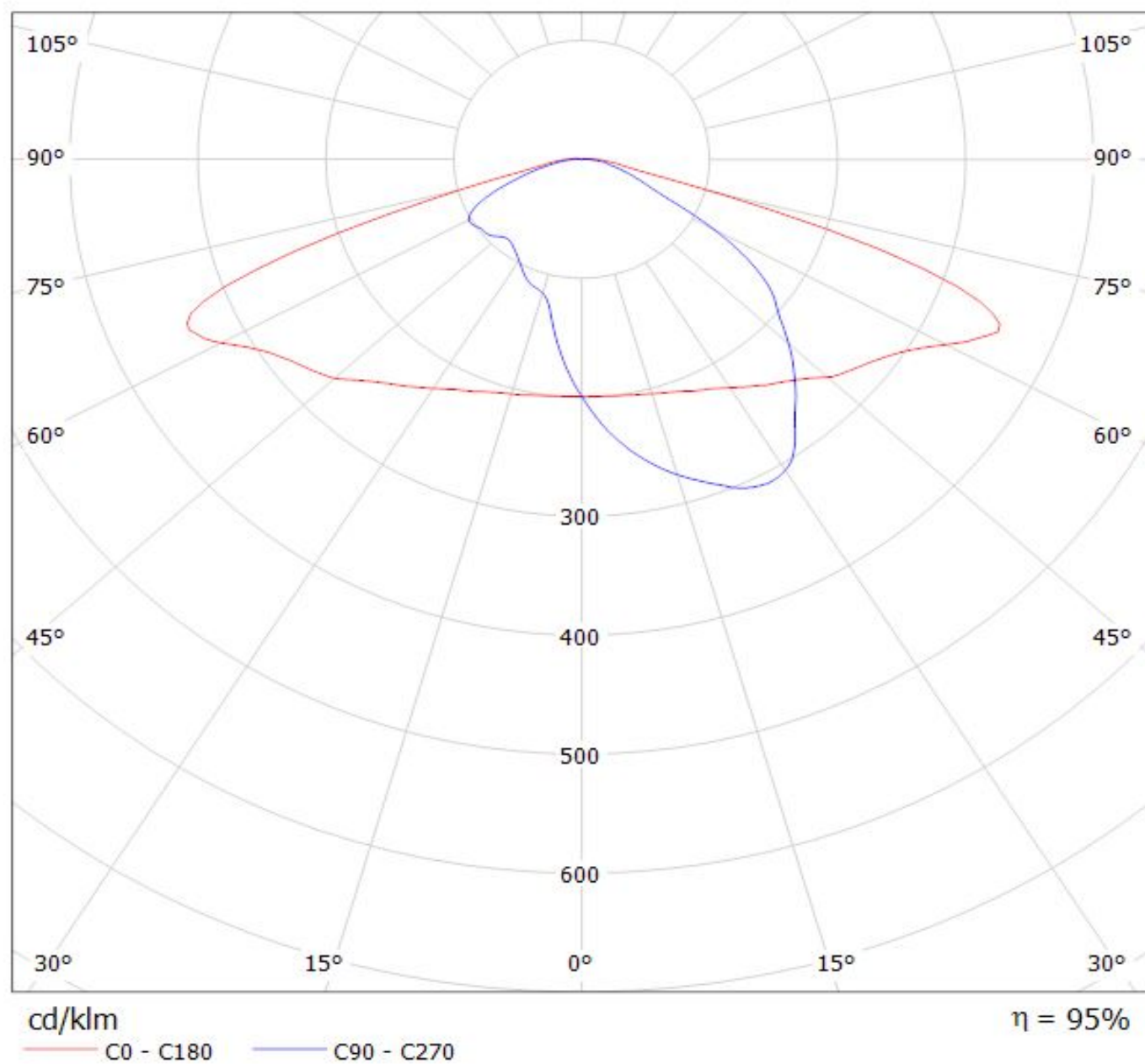


Luminaire: Ledil Oy CS16102_STRADELLA-IP-28-T3_(Oslon_SSL_150)_SIMULATED
Lamps: 1 x Osram Oslon SSL 150 - GW CSHPM1.PM

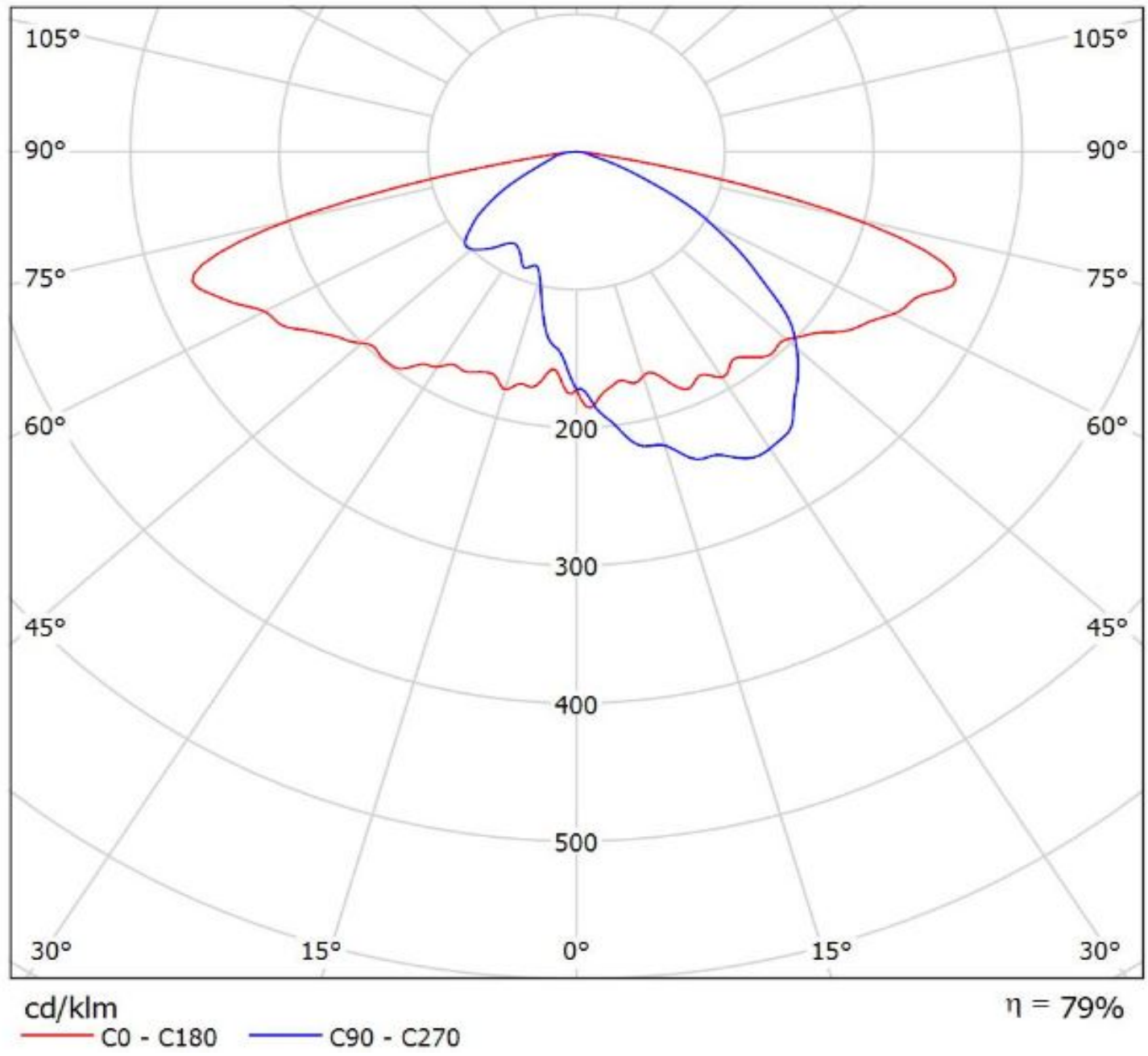


Luminaire: Ledil CS16102_STRADELLA-IP-28-T3_(XT-E)

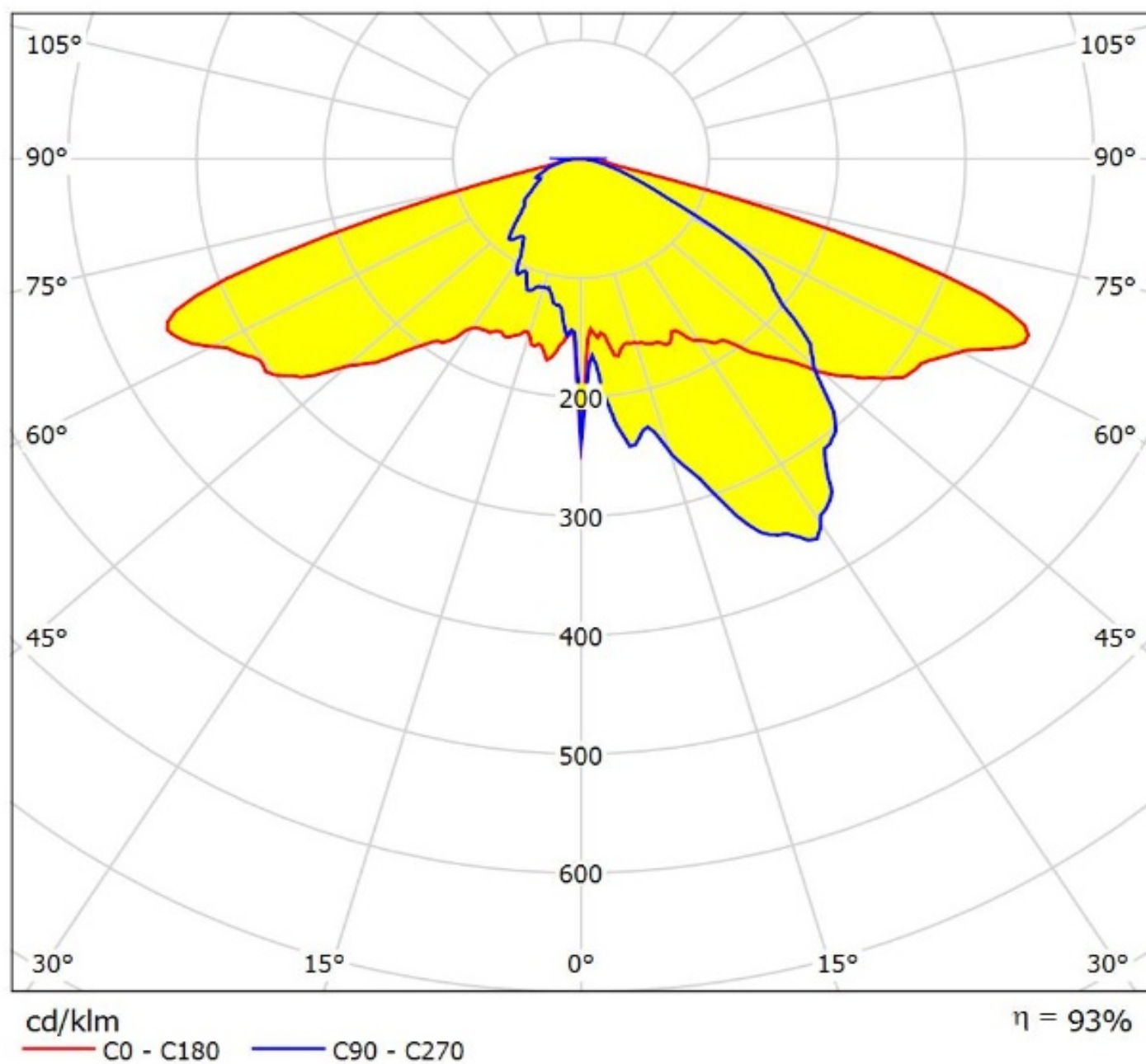
Lamps: 1 x Cree_XT-E_Stradella-28_1805.68lm@250mA_P=9.51344W_U=38.069V



Luminaire: Ledil Oy CS16102_STRADELLA-IP-28-T3_(XP-G3)_SIMULATED
Lamps: 1 x Cree XP-G3

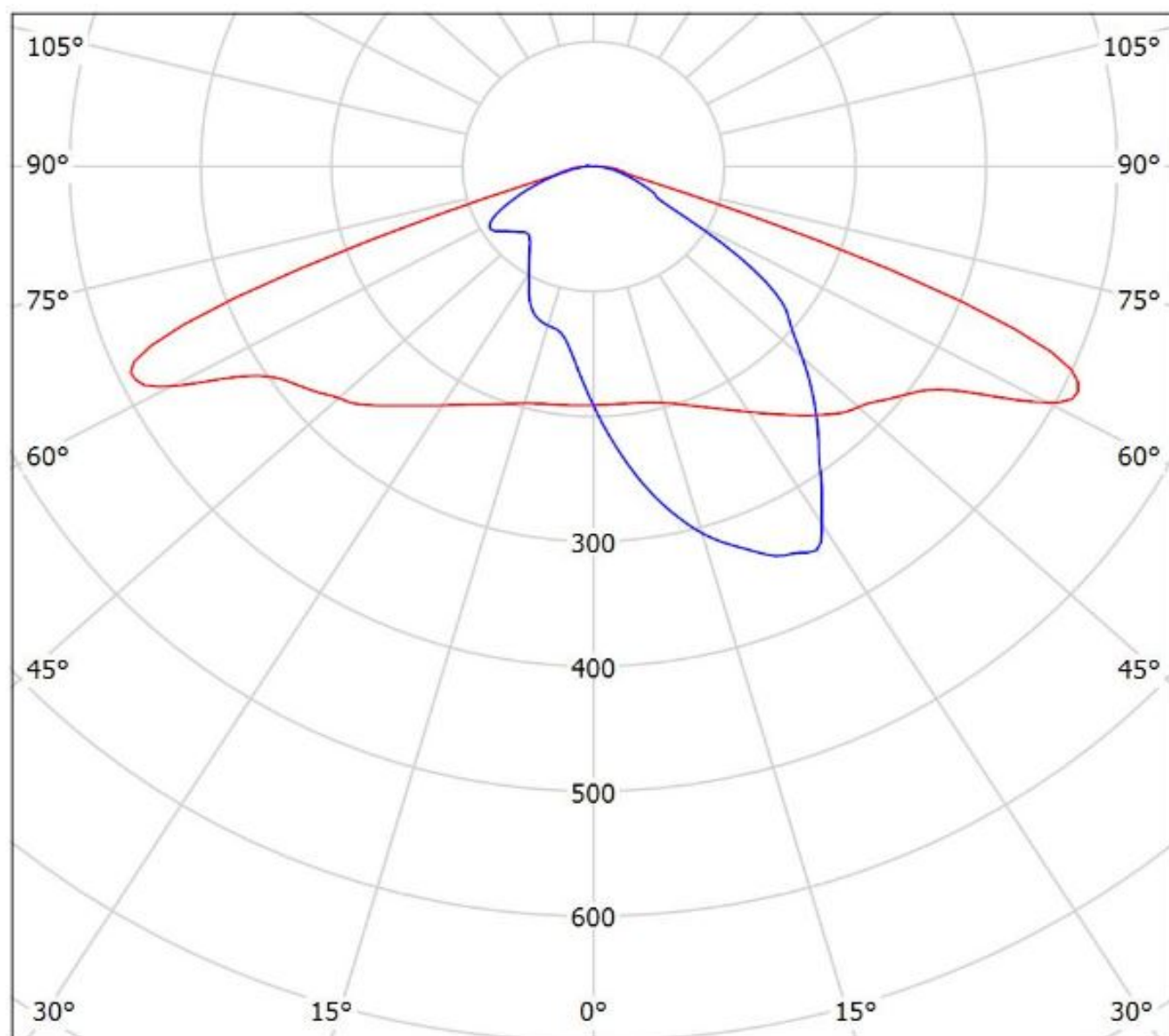


Luminaire: Ledil Oy CS16102_STRADELLA-IP-28-T3_(J_Series_3030_-_JK3030_3V)_SIMULATED
Lamps: 1 x Cree JK3030 3V



Luminaire: Ledil CS16102_STRADELLA-IP-28-T3_(Luxeon_3030_2D)

Lamps: 1 x Lumileds_Luxeon_3030_2D_1132.31lm@240mA_P=9.57624W_U=39.901V



cd/klm

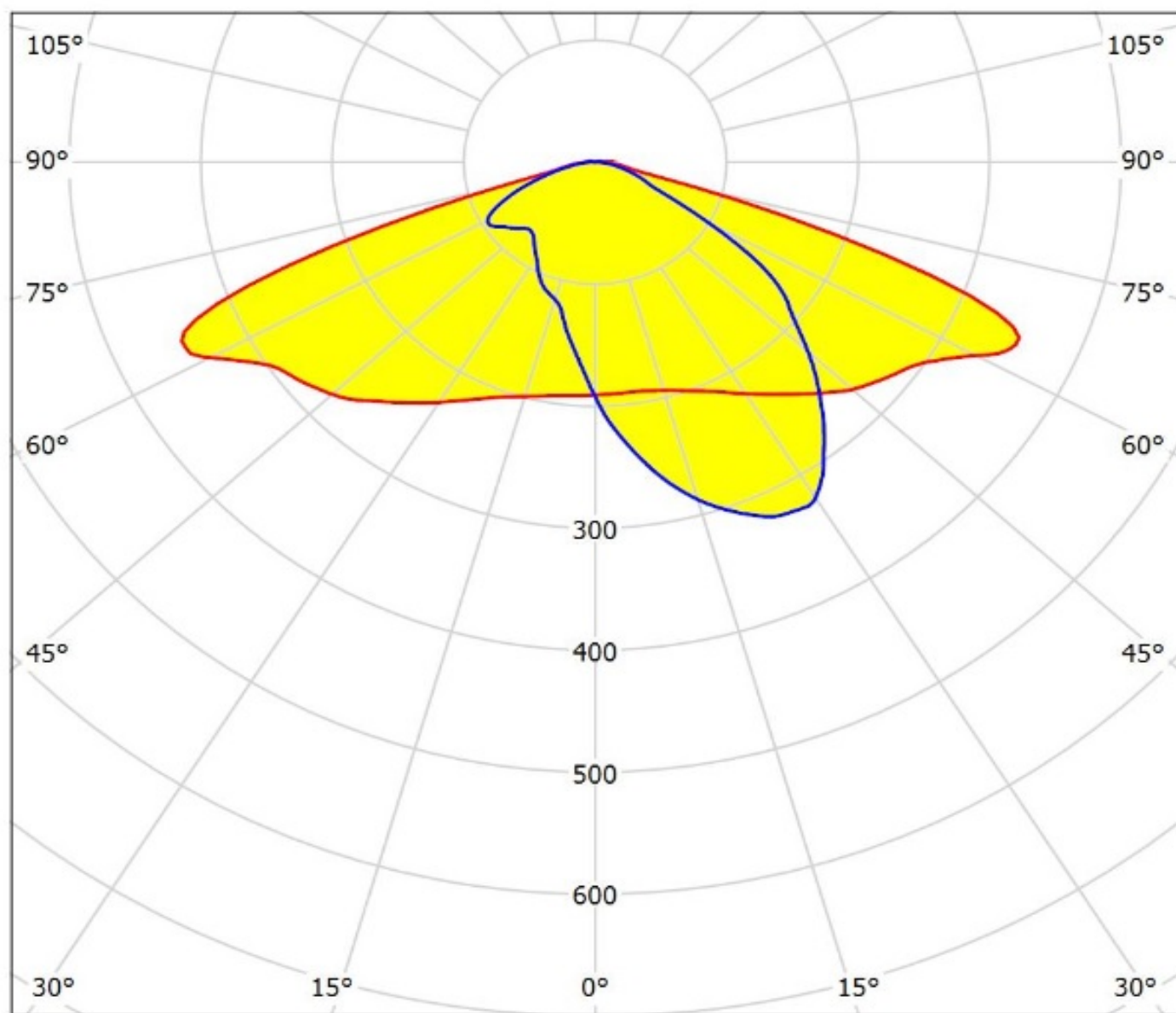
— C0 - C180

— C90 - C270

$\eta = 96\%$

Luminaire: LEDiL Oy CS16102_STRADELLA-IP-28-T3_(NF2x757G)

Lamps: 1 x Nichia_NF2x757G_(NF2L757GRT-V1)_1005.33lm@150mA_P=5.81972W_U=38.824V



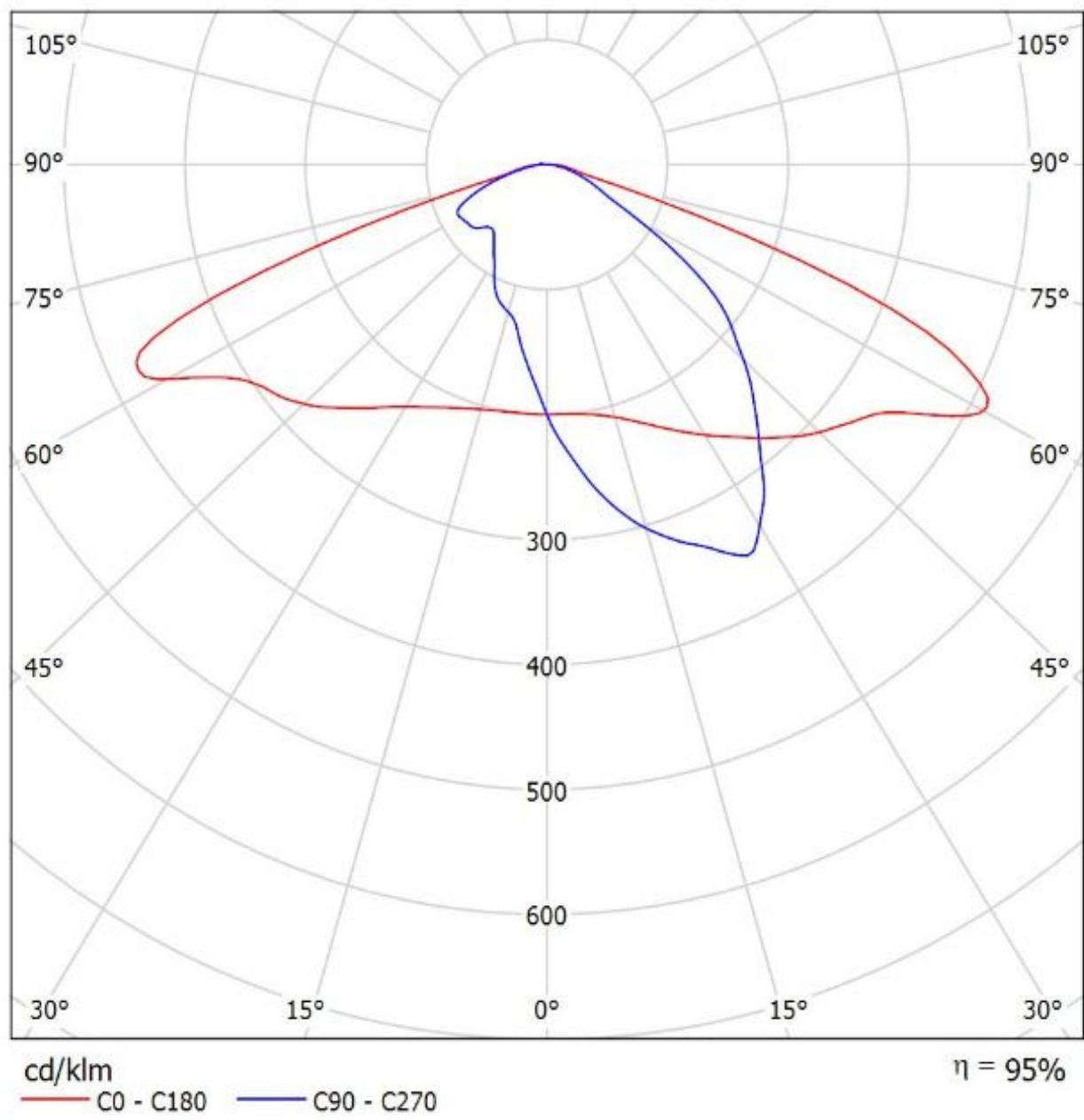
cd/klm

— C0 - C180

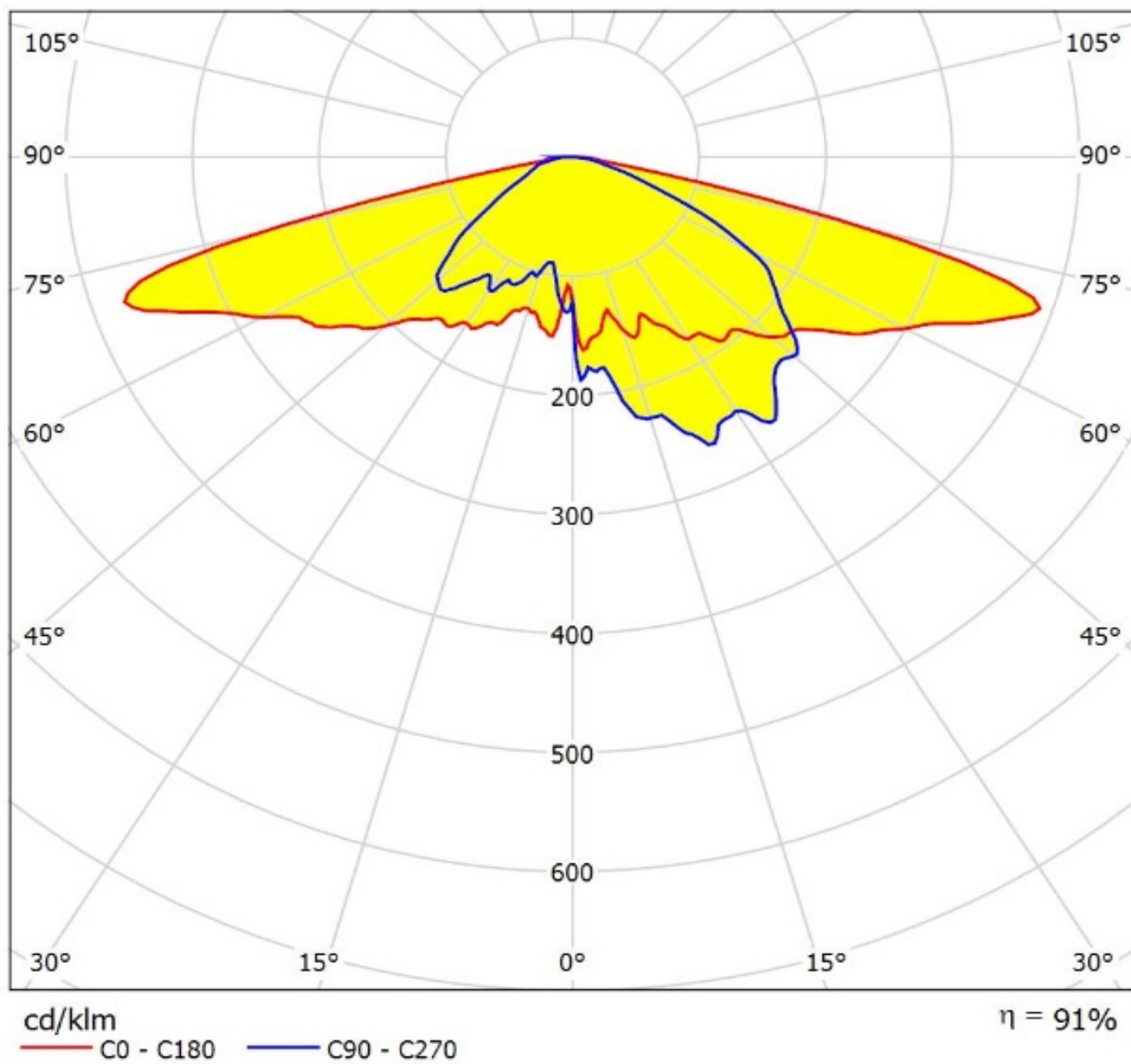
— C90 - C270

$\eta = 94\%$

Luminaire: Ledil CS16102_STRADELLA-IP-28-T3_(Duris_S5)
Lamps: 1 x Osram_Duris_S5_Stradella28_(GW_PSLR32.EM-JQJS-A333-1)_786.457lm@250mA_P=4.90979W_I=0.250A



Luminaire: Ledil Oy CS16102_STRADELLA-IP-28-T3_(Oslon_SSL_150)_SIMULATED
Lamps: 1 x Osram Oslon SSL 150 - GW CSHPM1.PM



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.