

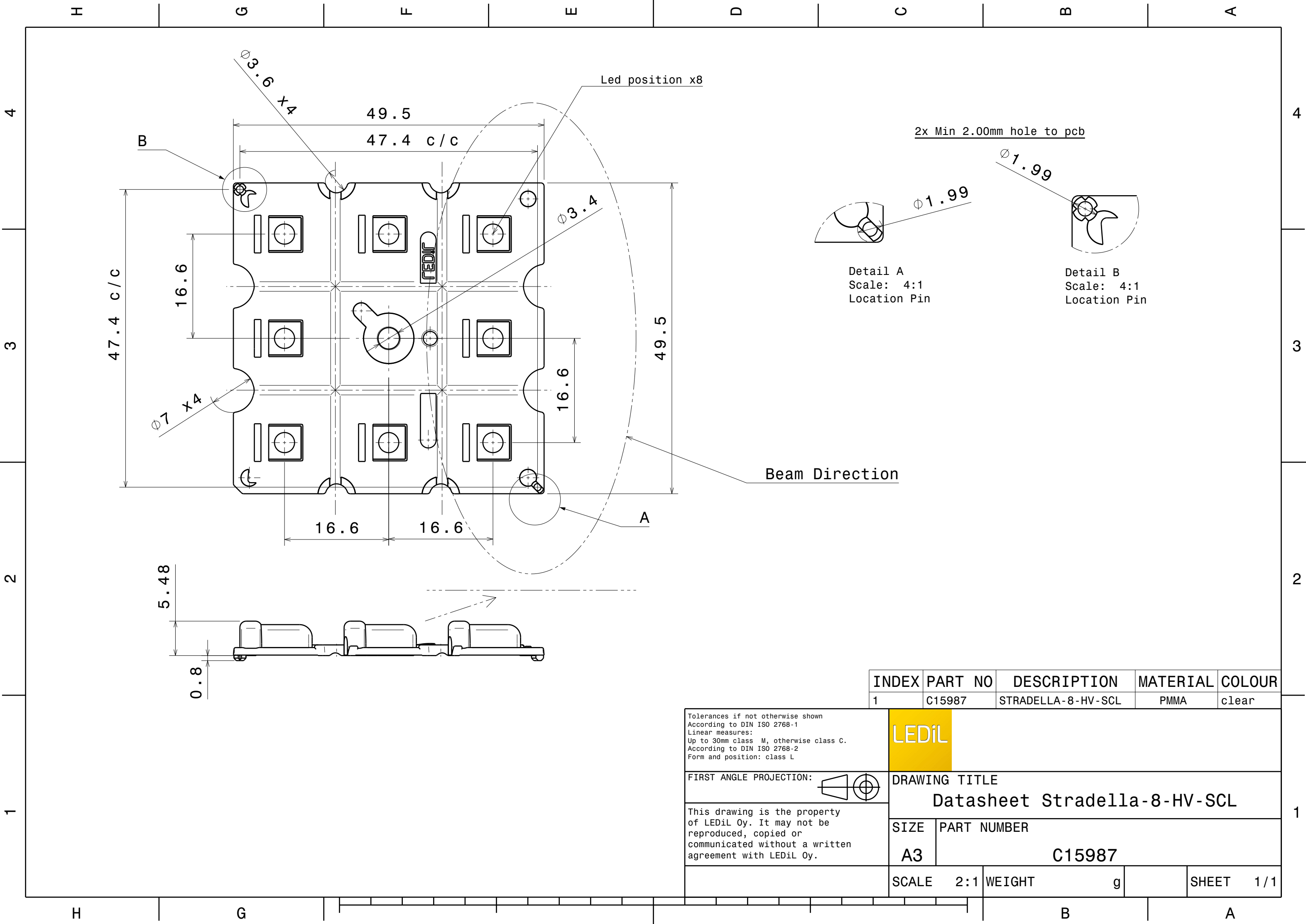
DETAILS

Product Number	C15987_STRADELLA-8-HV-SCL
Family	Stradella
Type	Lens array
Color	clear
Diameter	49,5+49,5 mm
Height	5,4 mm
Style	rectang
Optic Material	PMMA
Holder Material	
Fastening	pin, screw
Status	production ready
ROHS Compliant	Yes
Date Updated	18/08/2017



OPTICAL PROPERTIES

LED	Viewing	Light	Effi-		Connector
	Angle	Beam	ciency	cd/lm	
XT-E	Asymmetric deg	Streetligh...	94 %	0.770	-
XD16	Asymmetric deg	Streetligh...	93 %	0.870	-
XP-G3	sim: Asymmetri	Streetligh...	sim: 90 %	sim: 0.570	-
LH181A	sim: Asymmetri	Streetligh...	sim: 93 %	sim: 0.640	-
LH181B	sim: Asymmetri	Streetligh...	sim: 94 %	sim: 0.700	-



INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	C15987	STRADELLA-8-HV-SCL	PMMA	clear

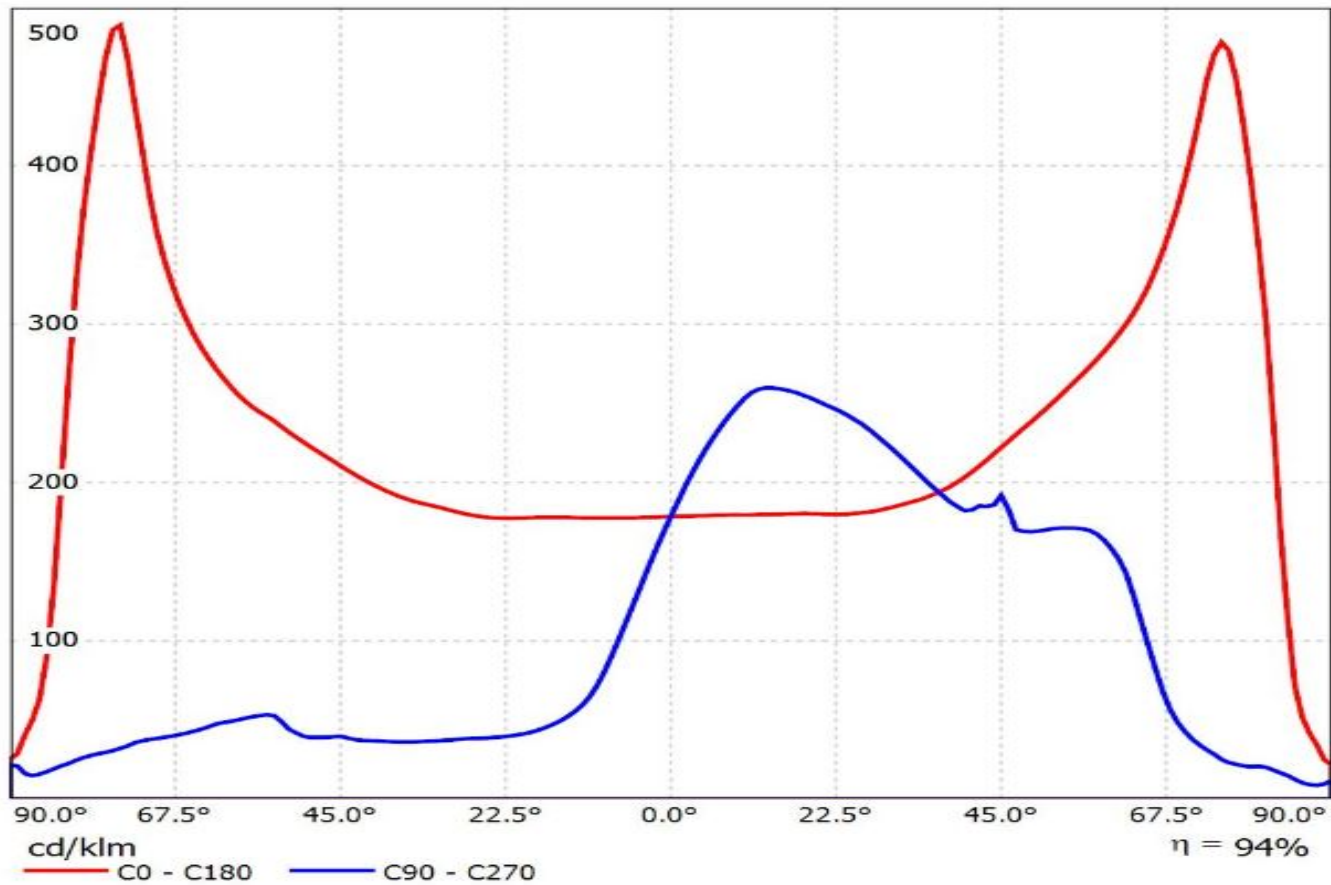
Tolerances if not otherwise shown
According to DIN ISO 2768-1
Linear measures:
Up to 30mm class M, otherwise class C.
According to DIN ISO 2768-2
Form and position: class L

FIRST ANGLE PROJECTION:

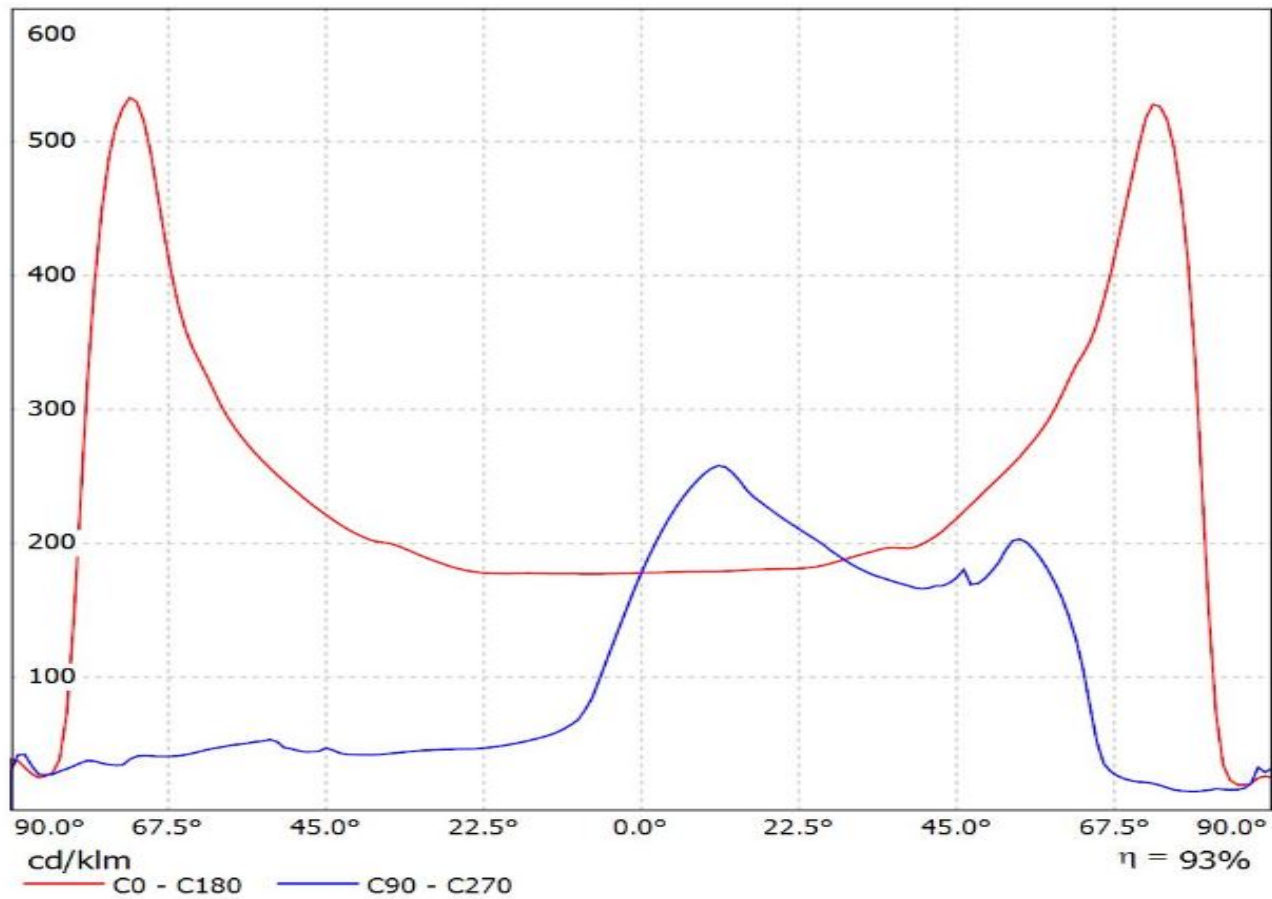
This drawing is the property
of LEDiL Oy. It may not be
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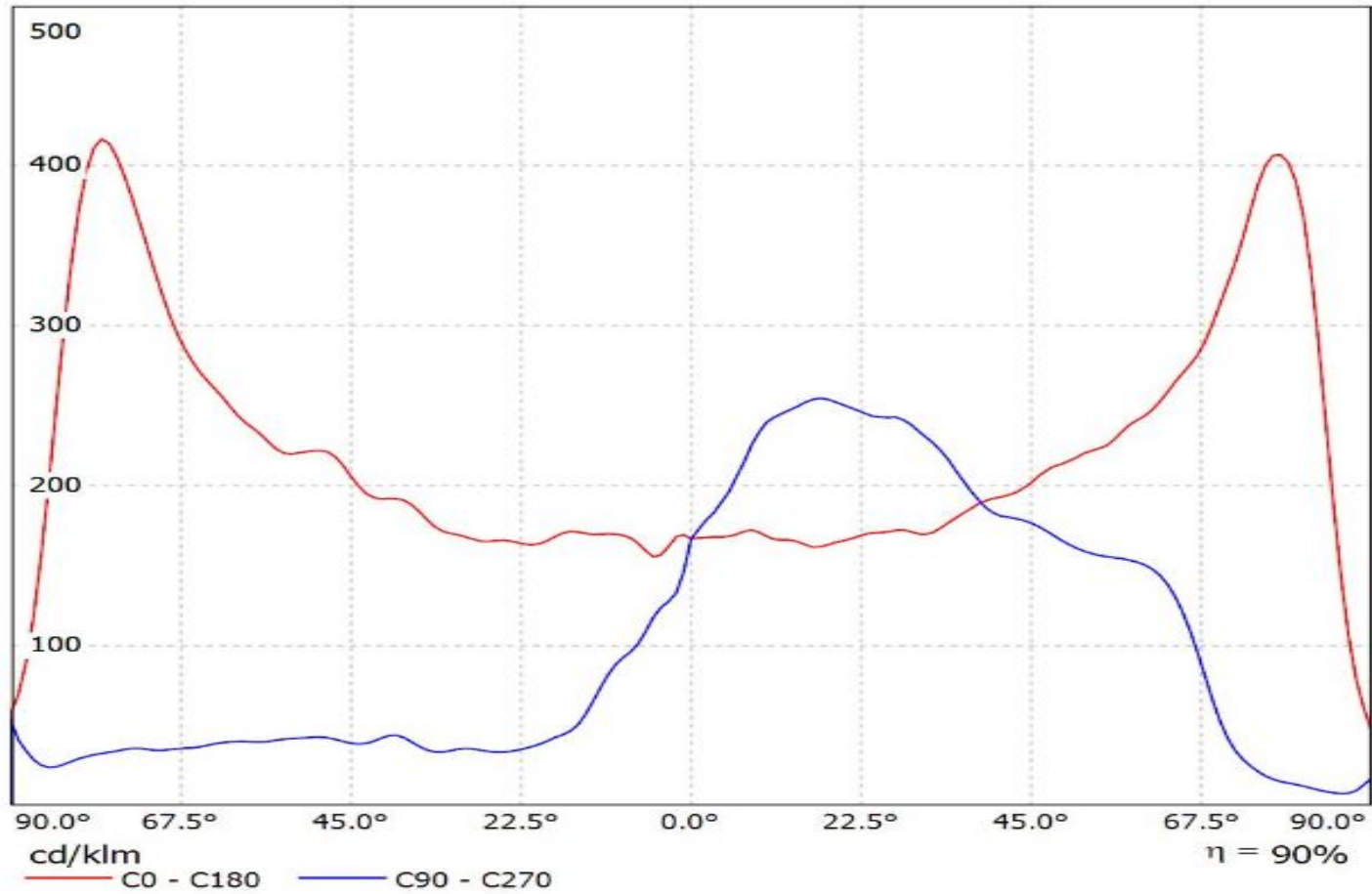
LEDiL				
DRAWING TITLE				
Datasheet Stradella-8-HV-SCL				
SIZE	PART NUMBER			
A3	C15987			
SCALE	2:1	WEIGHT	g	SHEET 1/1

Luminaire: LEDiL Oy C15987_STRADELLA-8-HV-SCL_(XT-E)
Lamps: 1 x Cree_XT-E_(XTEAWT-0-2A0-R30-FB0001)_774.329lm@250mA_P=5.93999W_I=0.25A

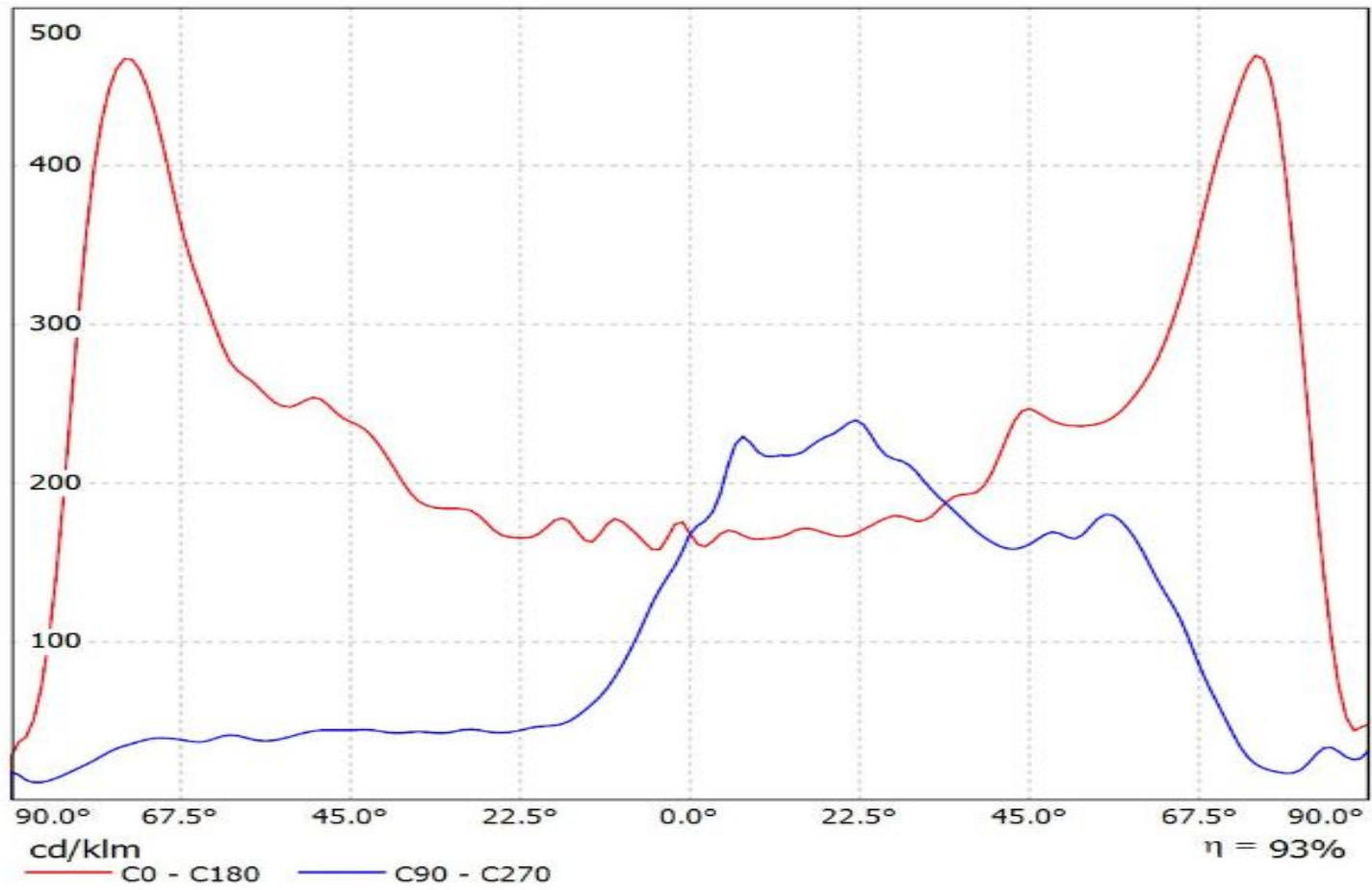


Luminaire: Ledil C15987_STRADELLA-8-HV-SCL_(XD16)
Lamps: 1 x Cree_XD16_(XD16AWT-H-2B0-S20-0B-002)_903.058lm@250mA_CCT=5700K_P5.51704=W_I=0.250A

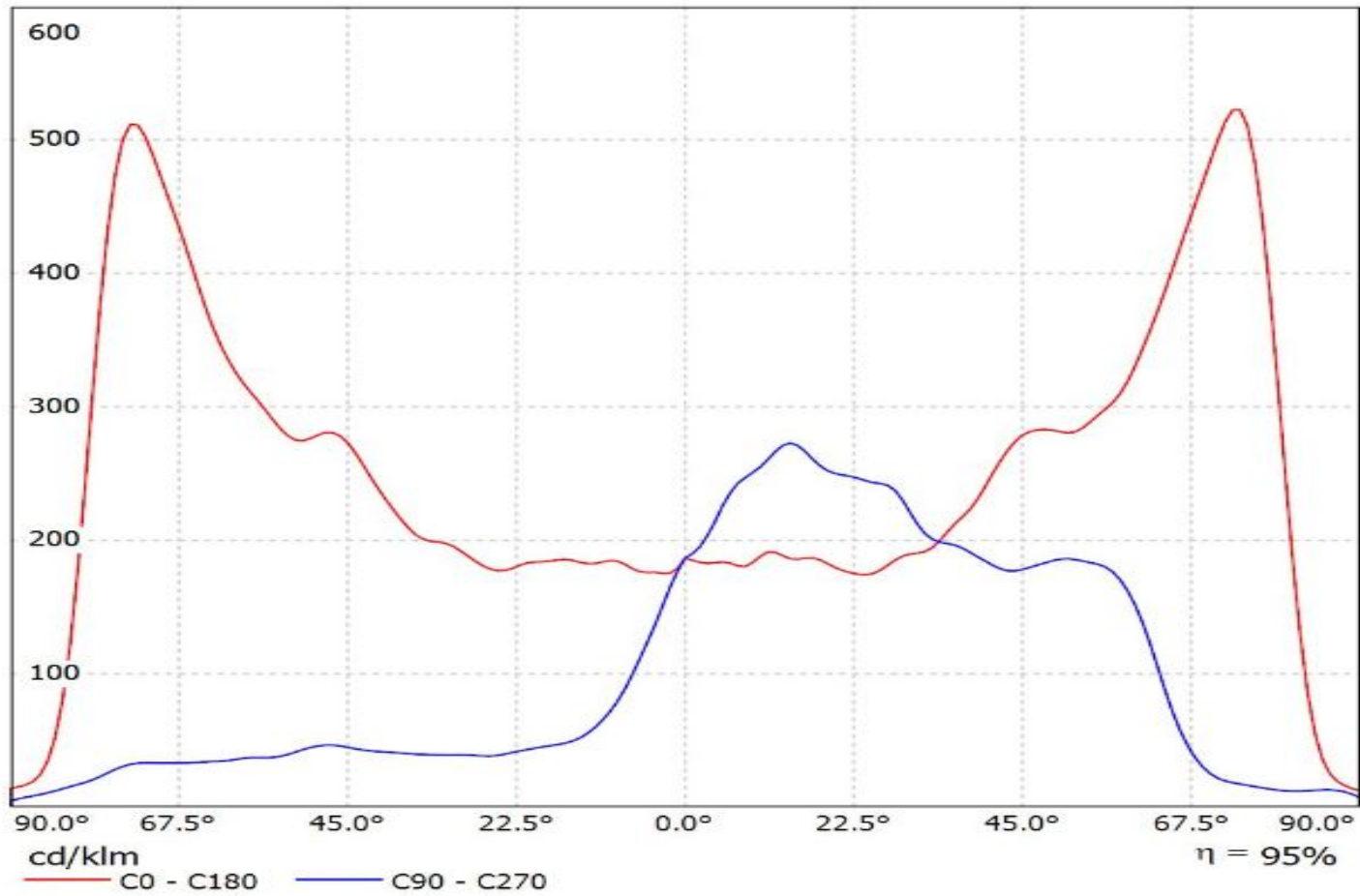




Luminaire: Ledil Oy C15987_STRADELLA-8-HV-SCL_(LH181A)_SIMULATED
Lamps: 1 x Samsung LH181A

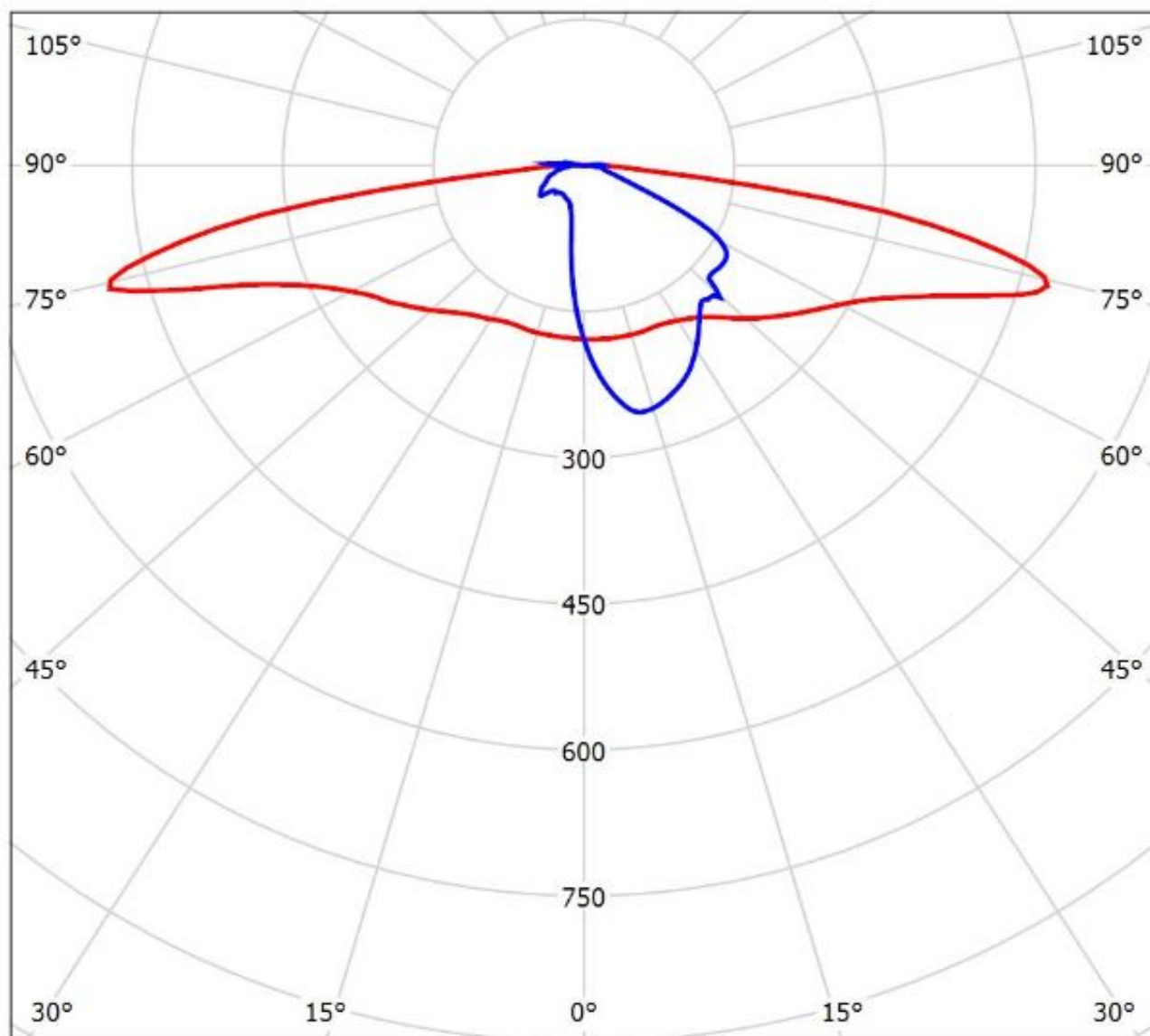


Luminaire: Ledil Oy C15987_STRADELLA-8-HV-SCL_(LH181B)_SIMULATED
Lamps: 1 x Samsung LH181B



Luminaire: LEDiL Oy C15987_STRADELLA-8-HV-SCL_(XT-E)

Lamps: 1 x Cree_XT-E_(XTEAWT-0-2A0-R30-FB0001)_774.329lm@250mA_P=5.93999W_I=0.25A



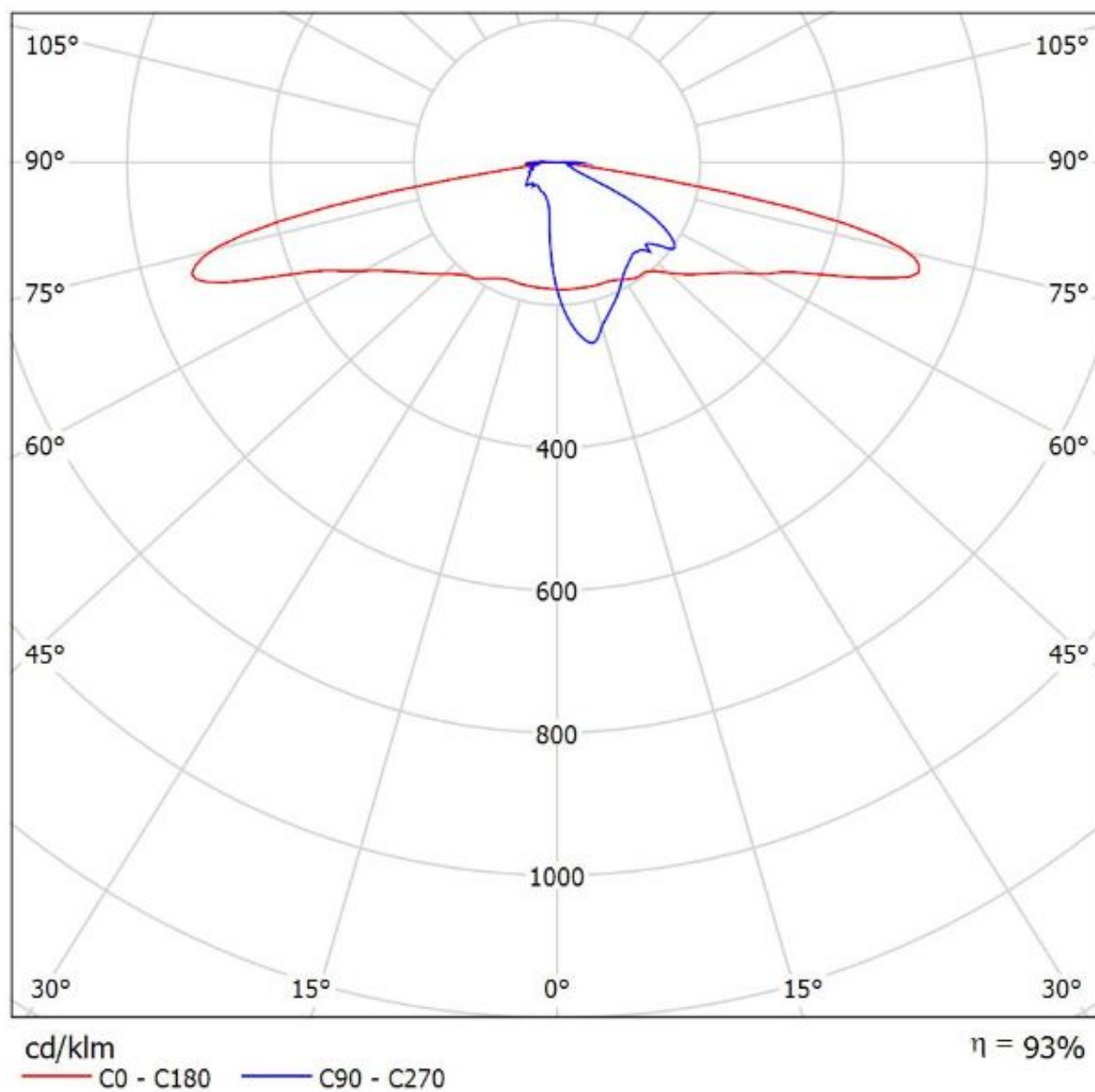
cd/klm

— C0 - C180 — C90 - C270

$\eta = 94\%$

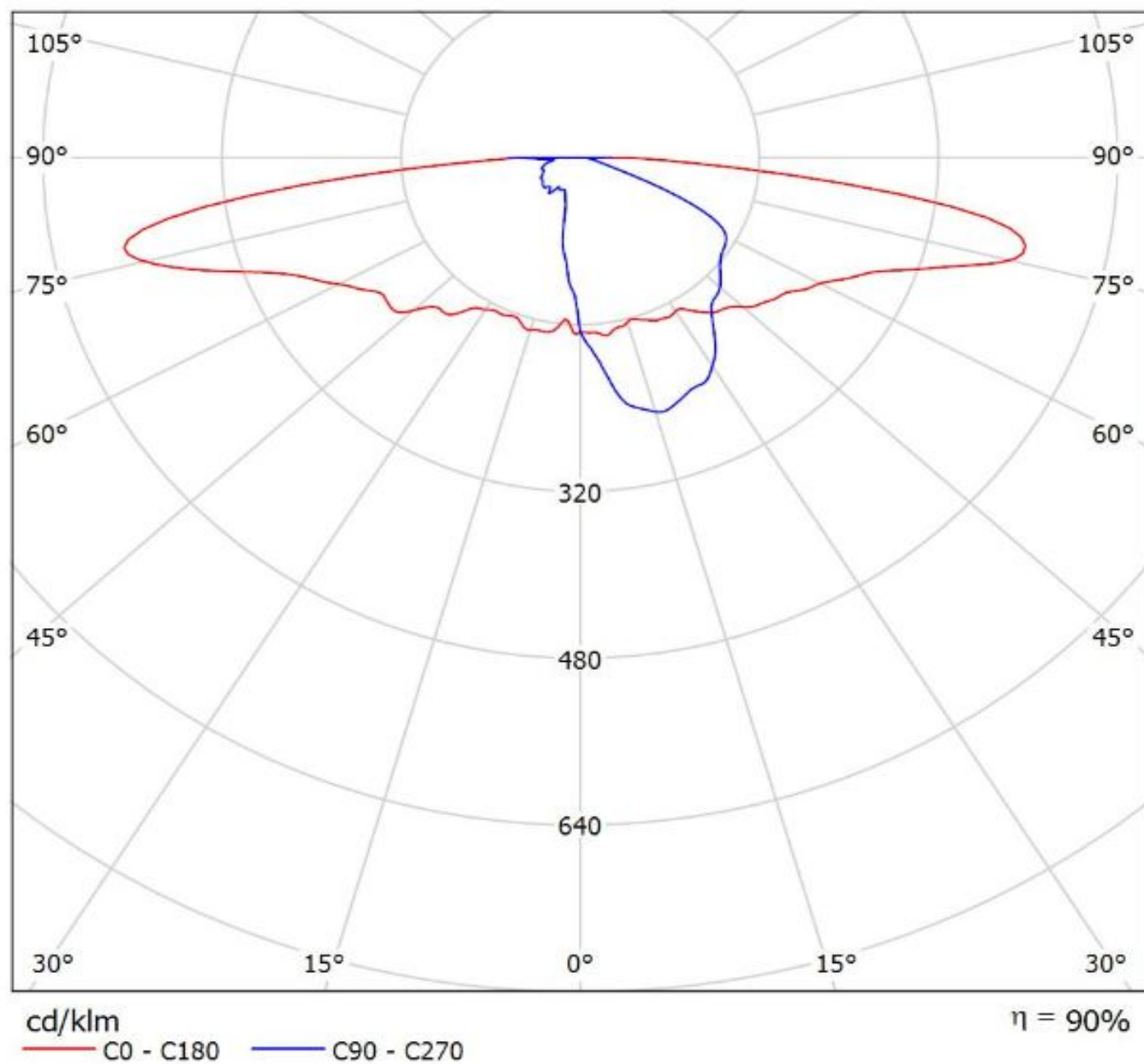
Luminaire: Ledil C15987_STRADELLA-8-HV-SCL_(XD16)

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

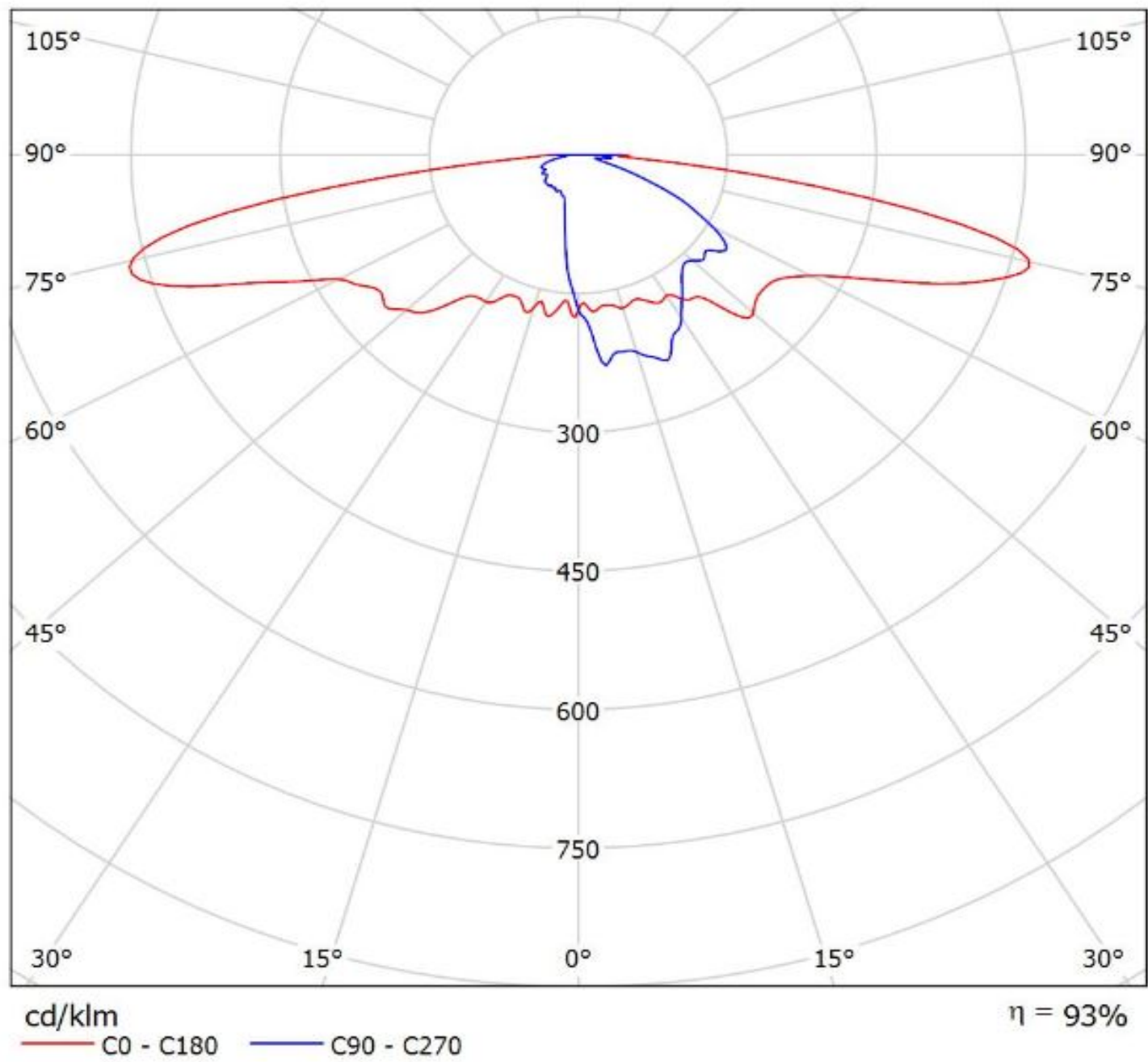


Luminaire: Ledil Oy C15987_STRADELLA-8-HV-SCL_SIMULATED

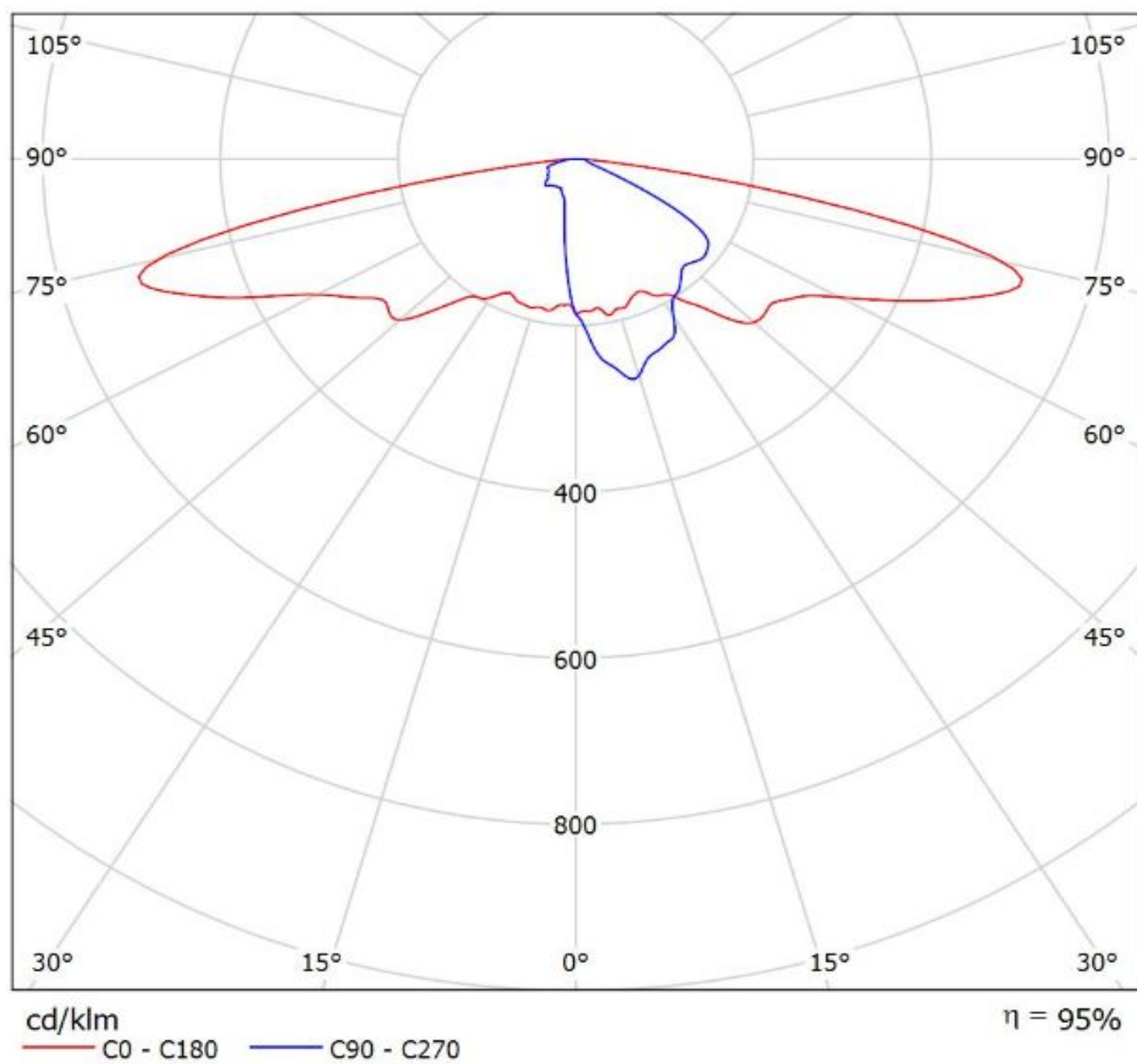
Lamps: 1 x Cree_XP-G3



Luminaire: Ledil Oy C15987_STRADELLA-8-HV-SCL_(LH181A)_SIMULATED
Lamps: 1 x Samsung LH181A



Luminaire: Ledil Oy C15987_STRADELLA-8-HV-SCL_(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.