

DETAILS

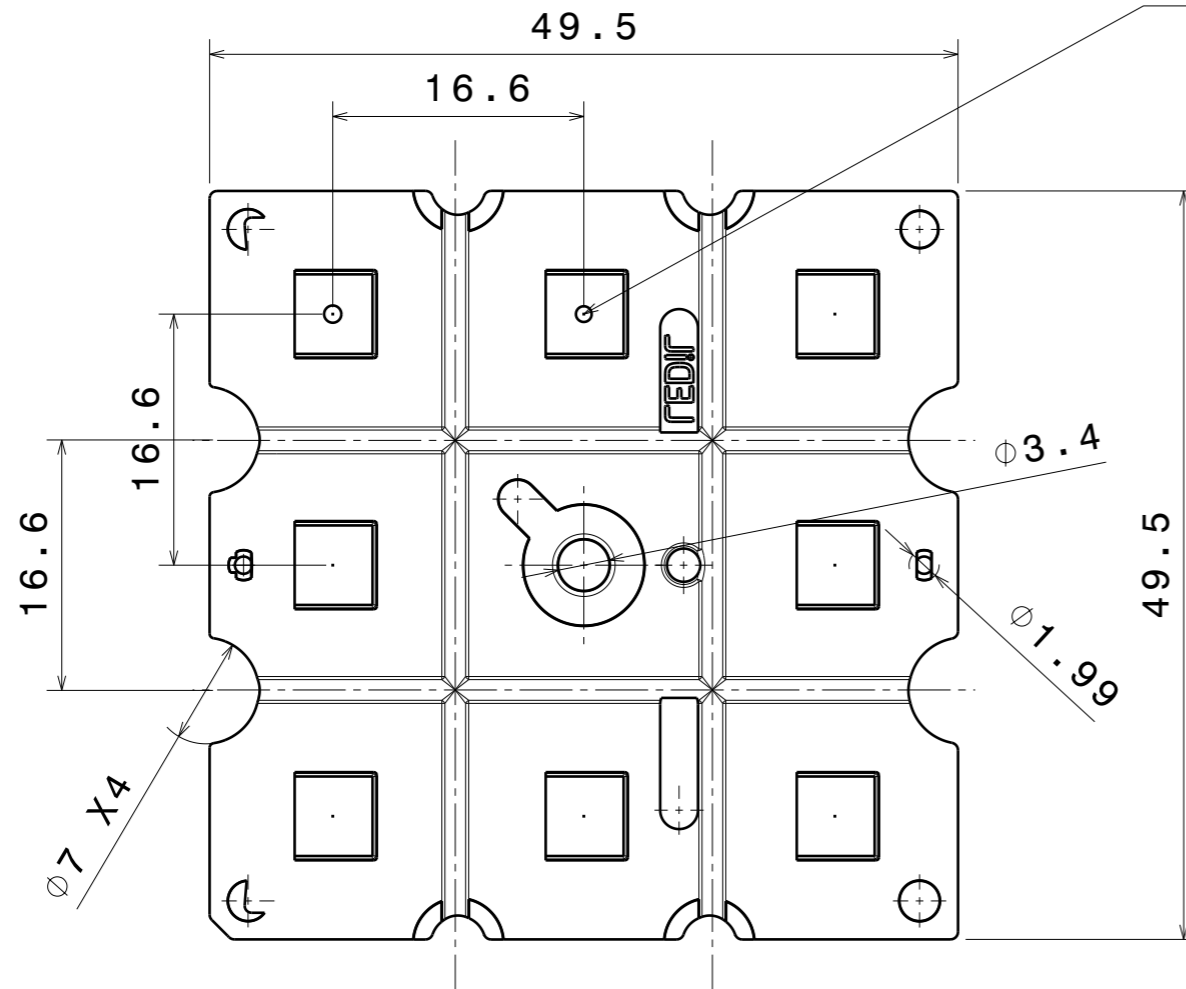
Product Number	C15677_STRADELLA-8-SCL
Family	Stradella
Type	Lens array
Color	clear
Diameter	49,5+49,5 mm
Height	5,4 mm
Style	rectang
Optic Material	PMMA
Holder Material	
Fastening	pin, screw
Status	production ready
ROHS Compliant	Yes
Date Updated	2/12/2016



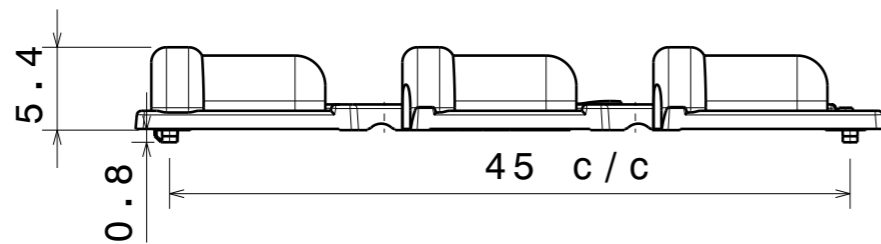
OPTICAL PROPERTIES

LED	Viewing Angle	Light Beam	Efficiency	cd/lm	Connector
XT-E	Asymmetric deg	Streetligh...	93 %	0.740	-
Oslon Square PC	sim: Asym	Streetligh...	sim: 91 %	sim: 0.680	-
Oslon Square Gen3	sim: Asym	Streetligh...	sim: 91 %	sim: 0.740	-
LM301A	sim: Asym	Streetligh...	sim: 93 %	sim: 0.790	-
Z8Y22P	Asymmetric deg	Streetligh...	93 %	0.600	-

Led Position



Front view
Scale: 2:1



Top 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-scl

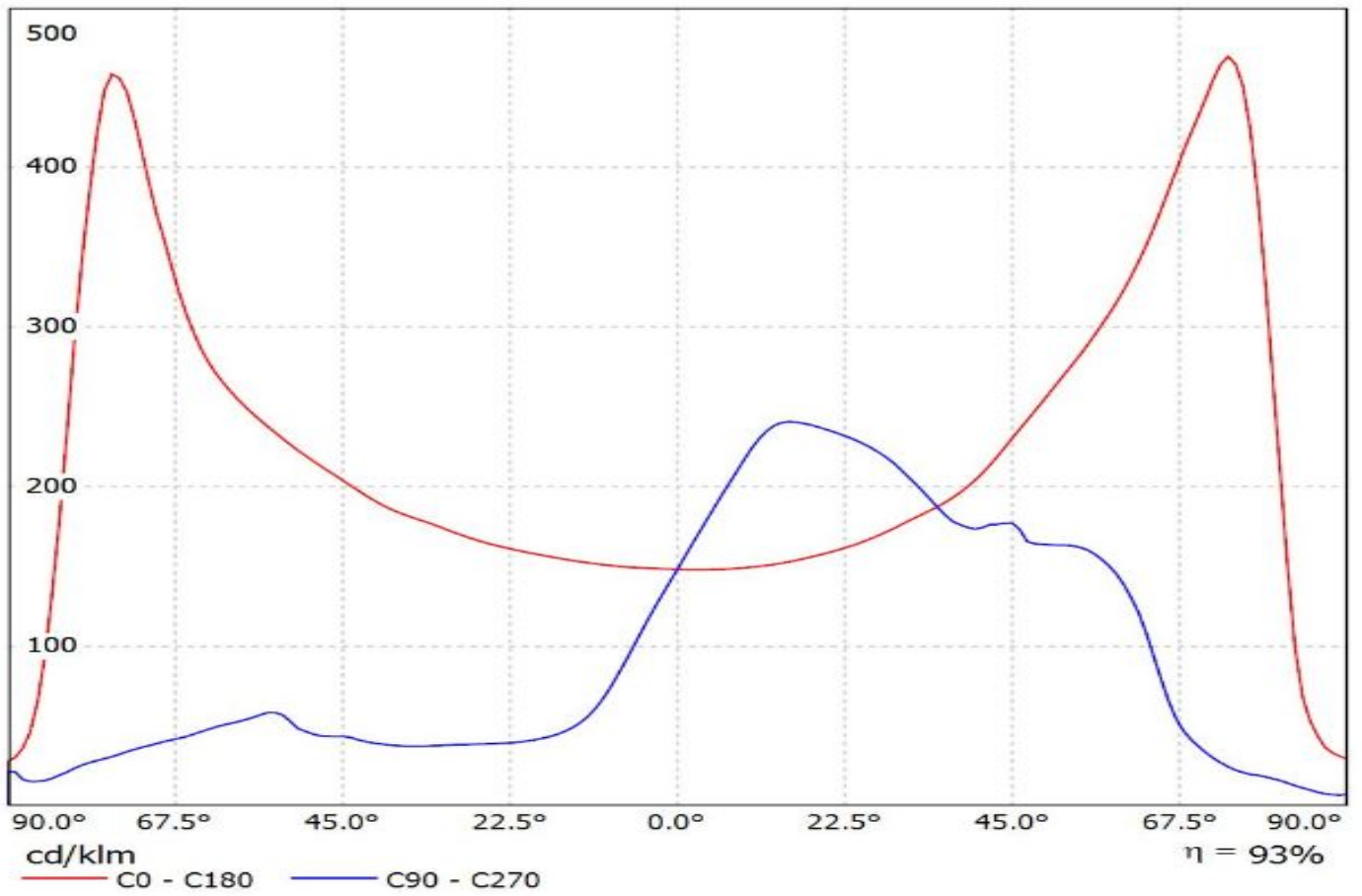
This drawing is the property
of LEDiL Oy. It may not be
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SIZE	PART NUMBER
A3	C15677

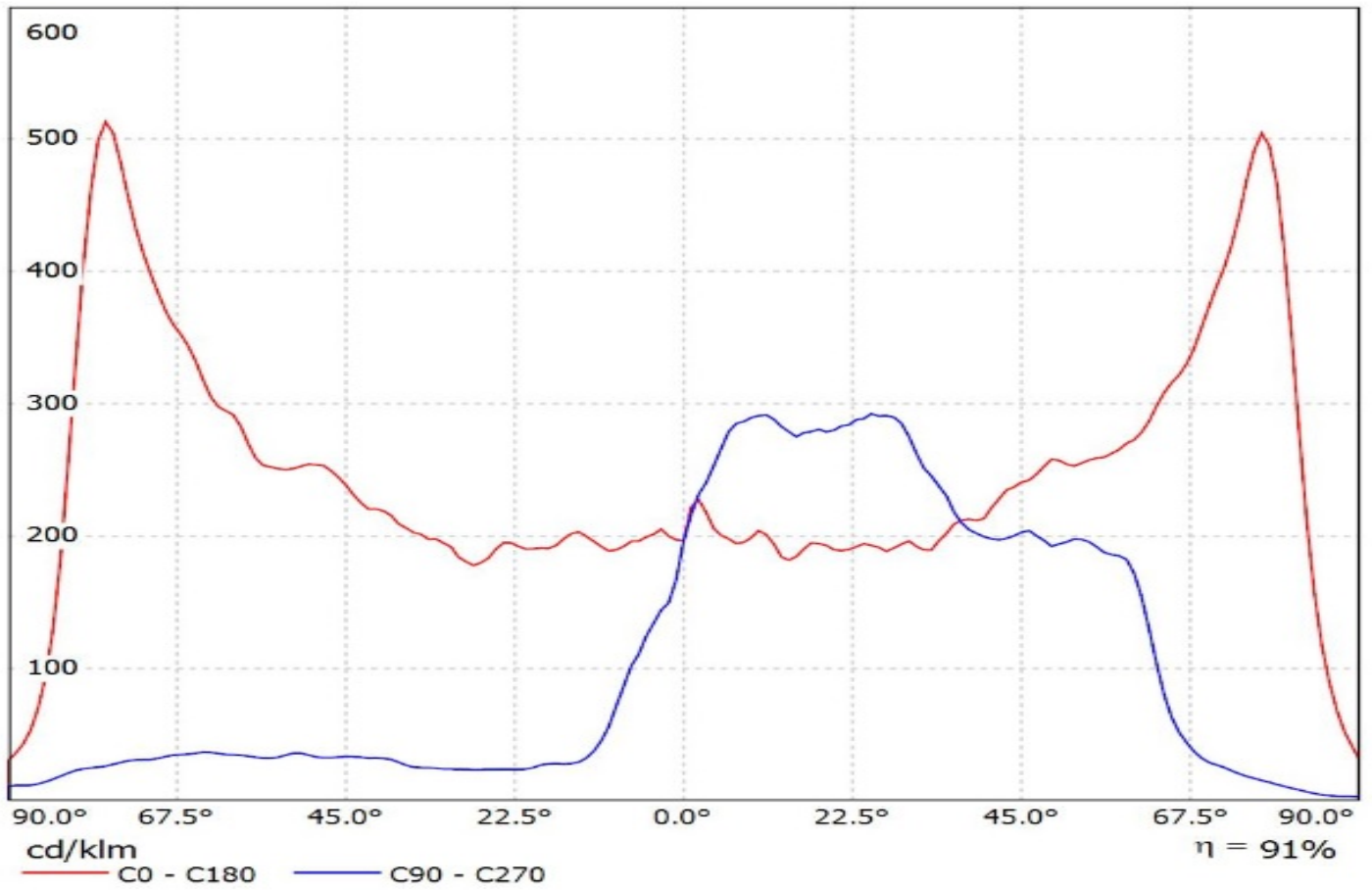
SCALE	2:1	WEIGHT	g	SHEET	1/1
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Luminaire: Ledil C15677_STRADELLA-8-SCL_(XT-E)

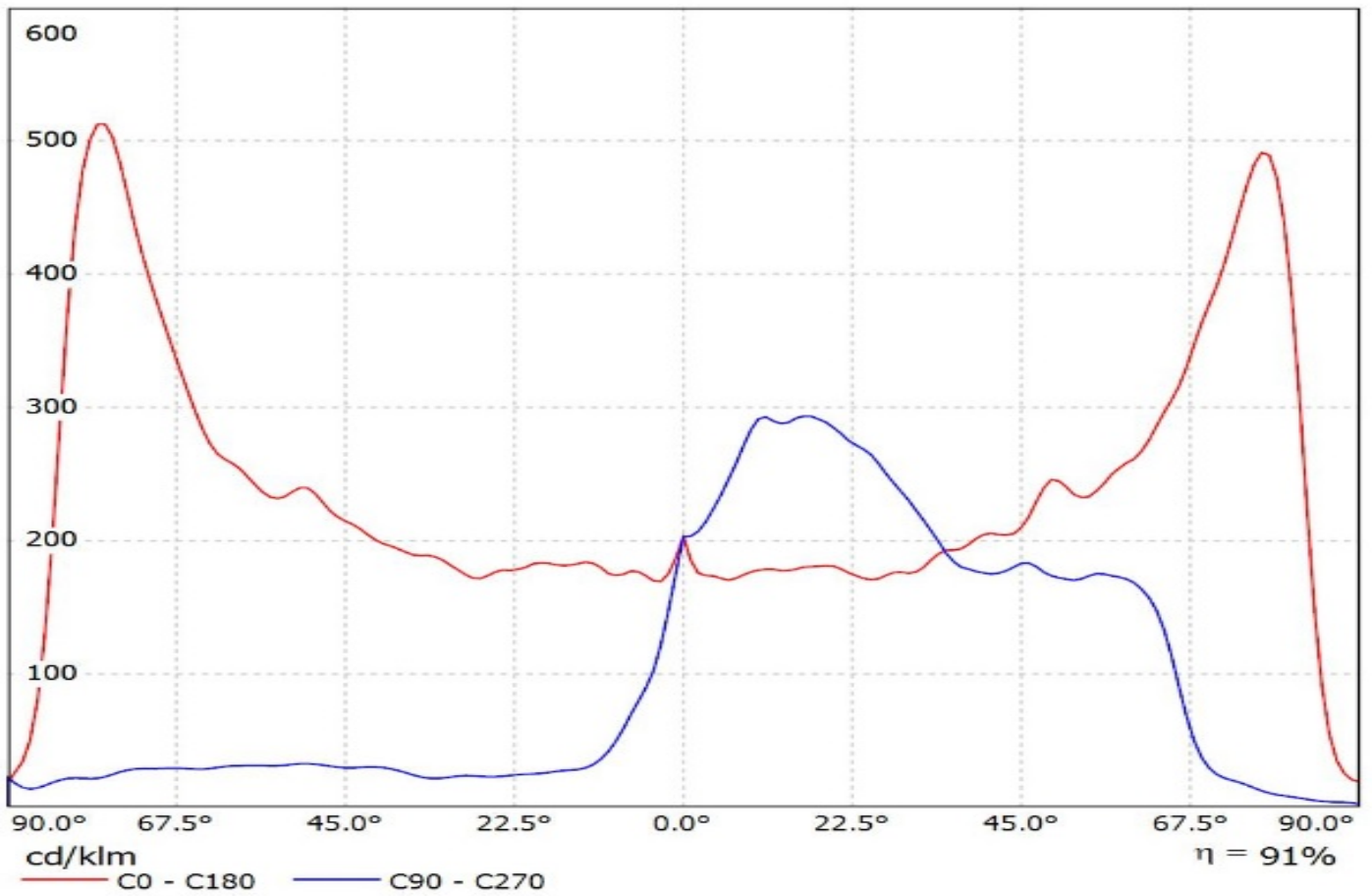
Lamps: 1 x Cree_XT-E_(XTEAWT-0-2A0-R30-FB0001)_797.699lm@250mA_P=5.962W_I=0.250A



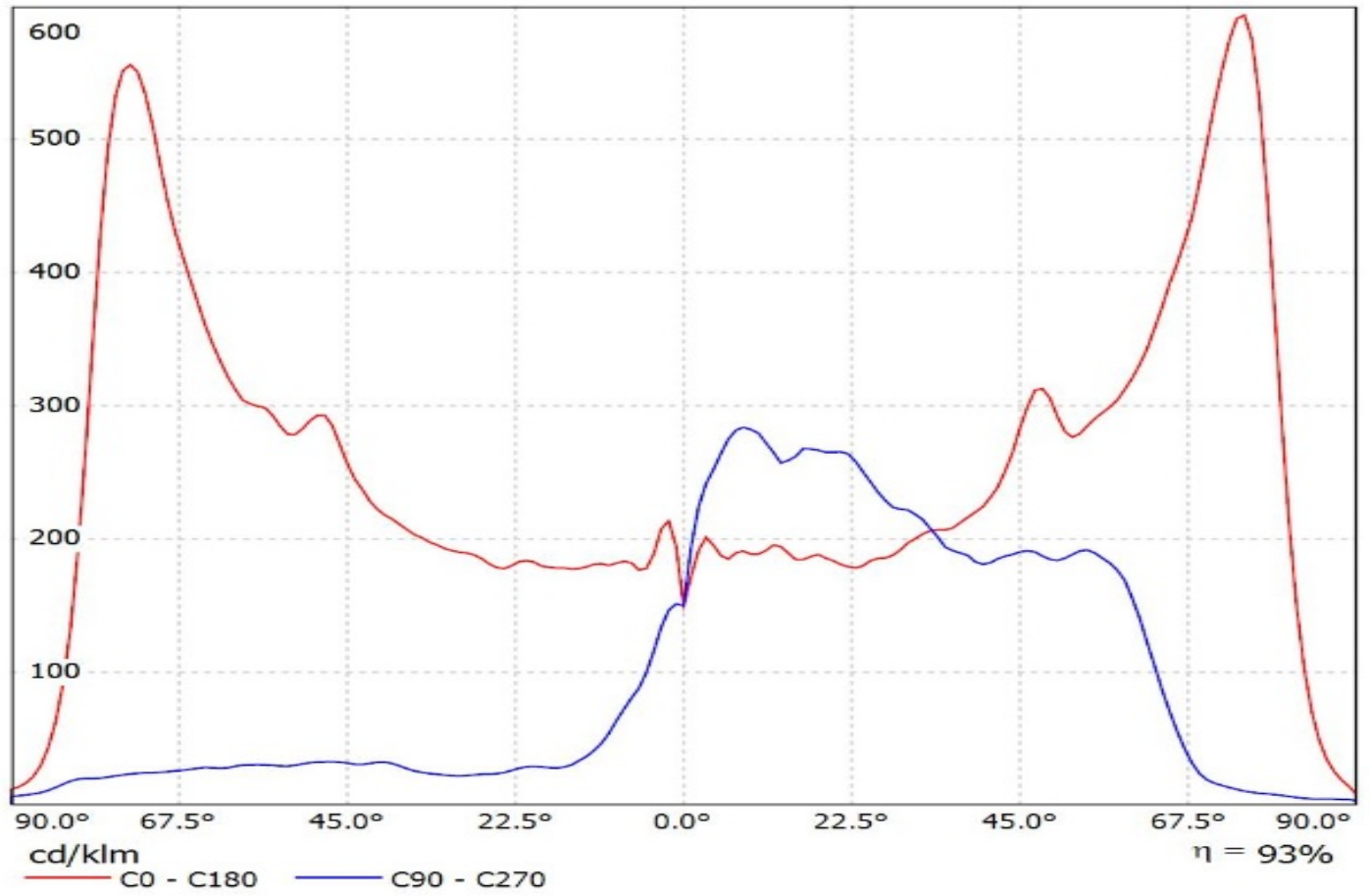
Luminaire: Ledil Oy C15677_STRADELLA-8-SCL_(Oslon_Square_PC)_SIMULATED
Lamps: 1 x Osram Oslon Square PC - GW CSSRM1.PC



Luminaire: Ledil Oy C15677_STRADELLA-8-SCL_(Oslon_Square_Gen3)_SIMULATED
Lamps: 1 x Osram Oslon Sqaure Gen3 - GW CSSRM2.PM

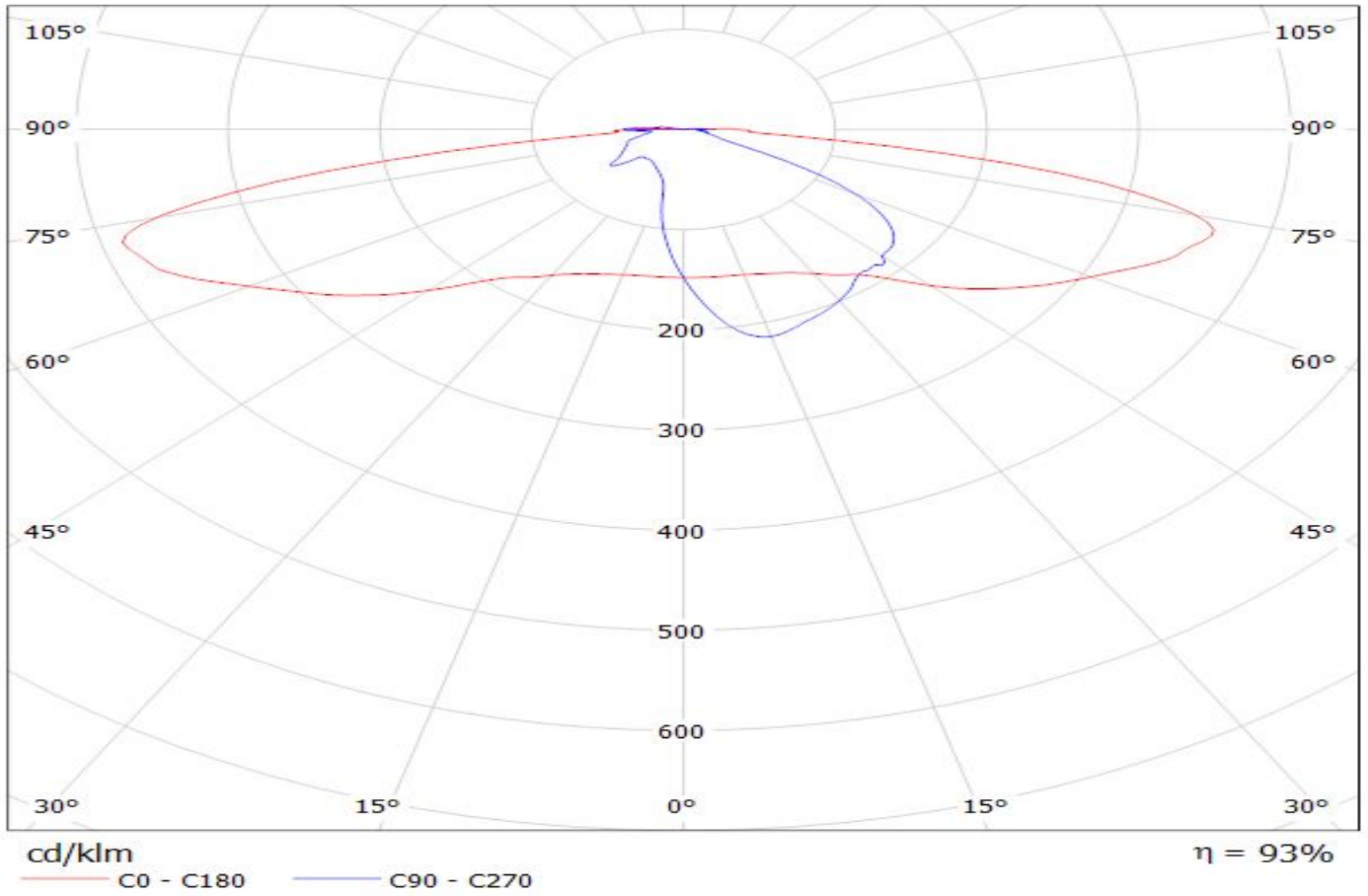


Luminaire: Ledil Oy C15677_STRADELLA-8-SCL_(LM301A)_SIMULATED
Lamps: 1 x Samsung LM301A



Luminaire: LEDiL Oy C15677_STRADELLA-8-SCL (Z8Y22_plus)

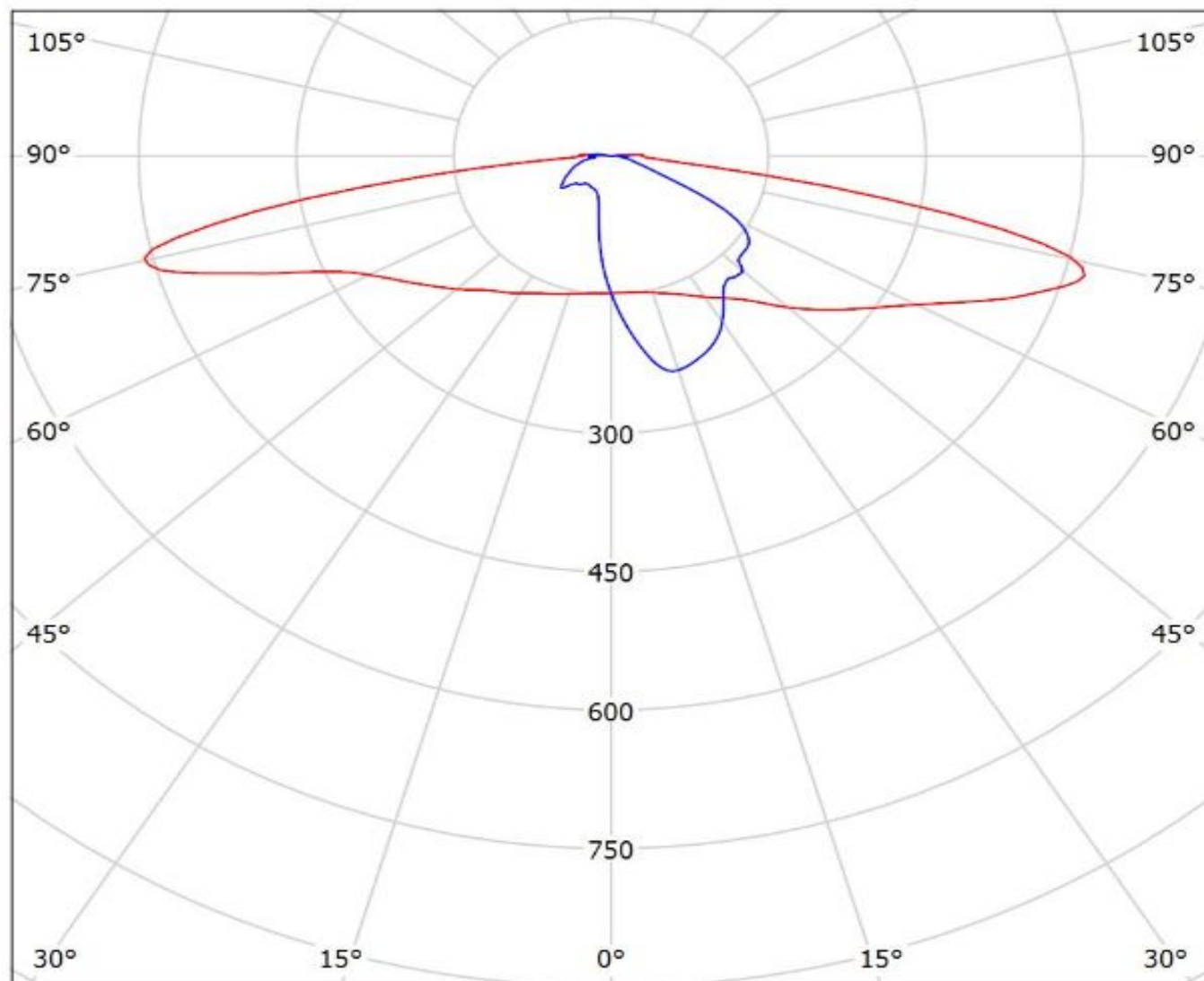
Lamps: 1 x Seoul_Z8Y22_plus (SZ8-Y22-W0-C7-P)_966.431lm@250mA_P=5.46912W_I=0.250A



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

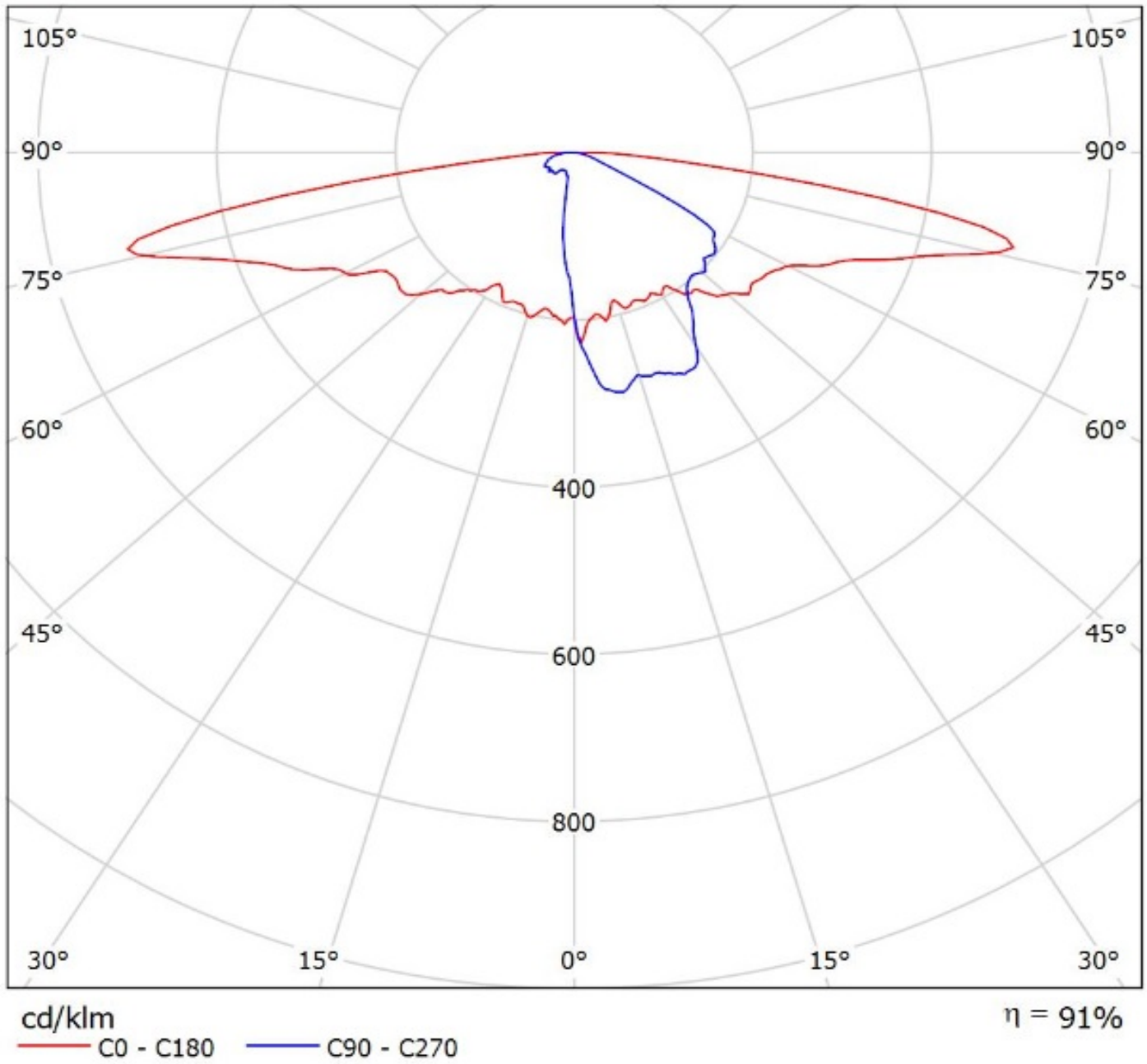


cd/klm

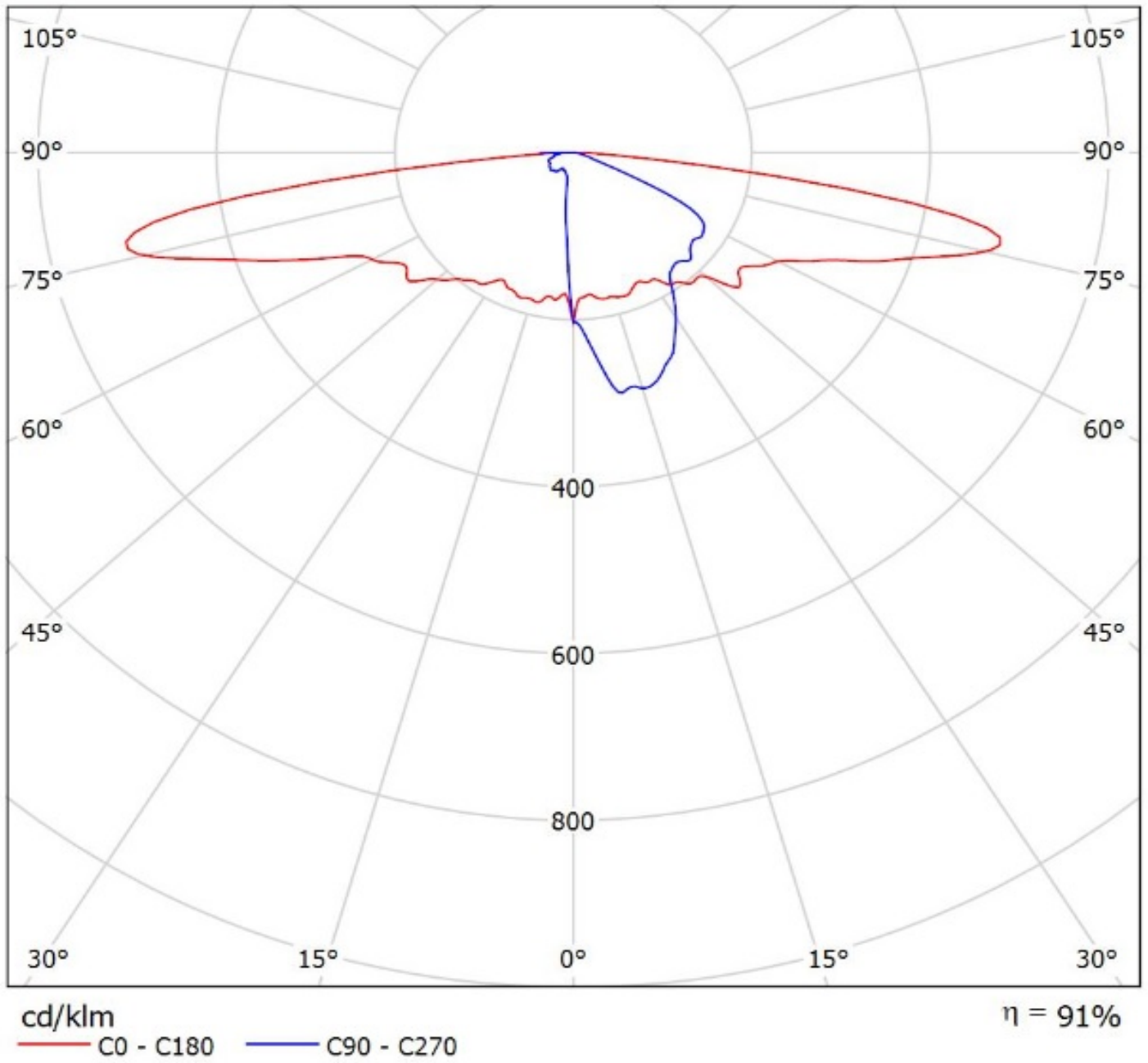
— C0 - C180 — C90 - C270

$\eta = 93\%$

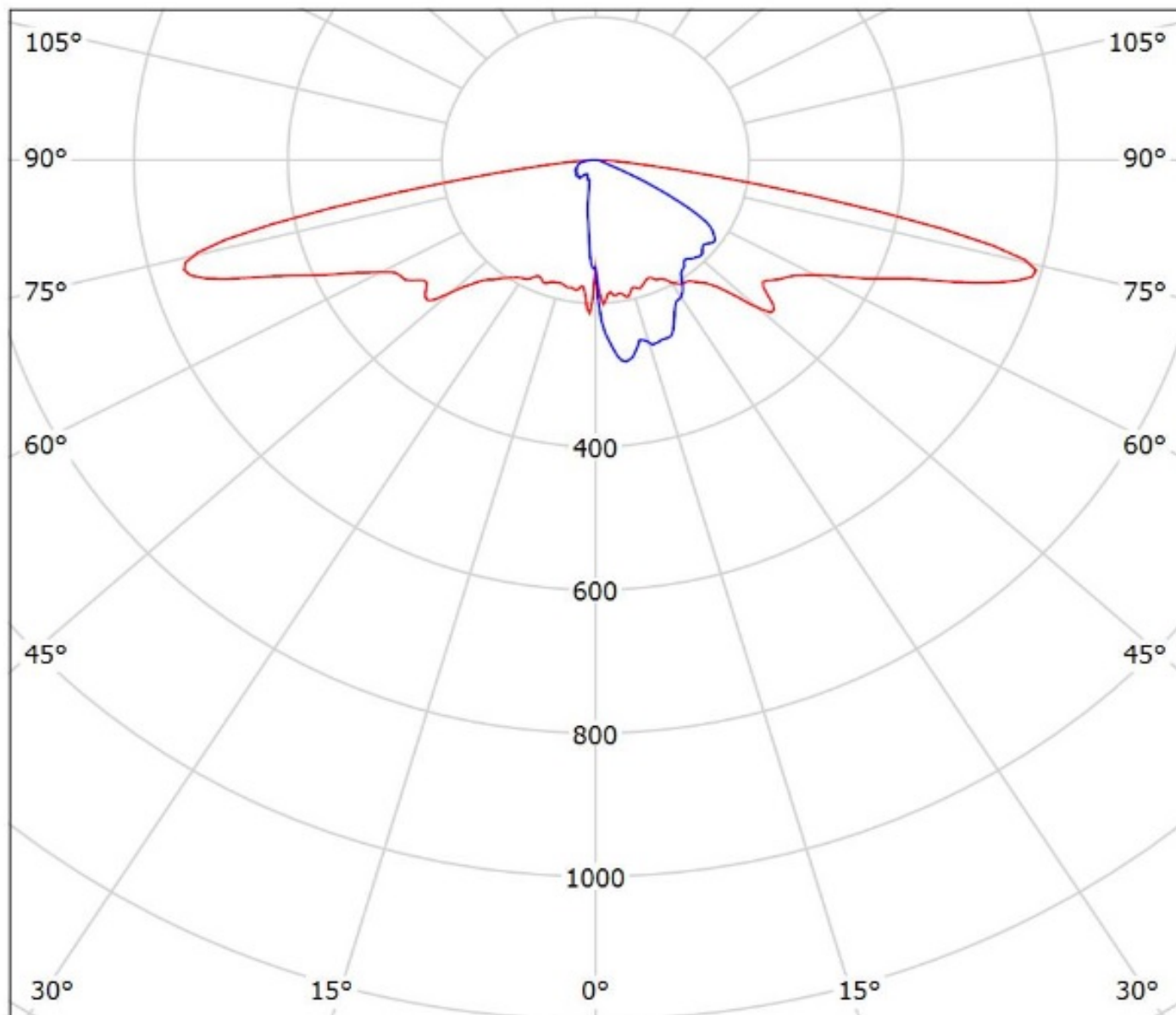
Luminaire: Ledil Oy C15677_STRADELLA-8-SCL_(Oslon_Square_PC)_SIMULATED
Lamps: 1 x Osram Oslon Square PC - GW CSSRM1.PC



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_(LM301A)_SIMULATED
Lamps: 1 x Samsung LM301A

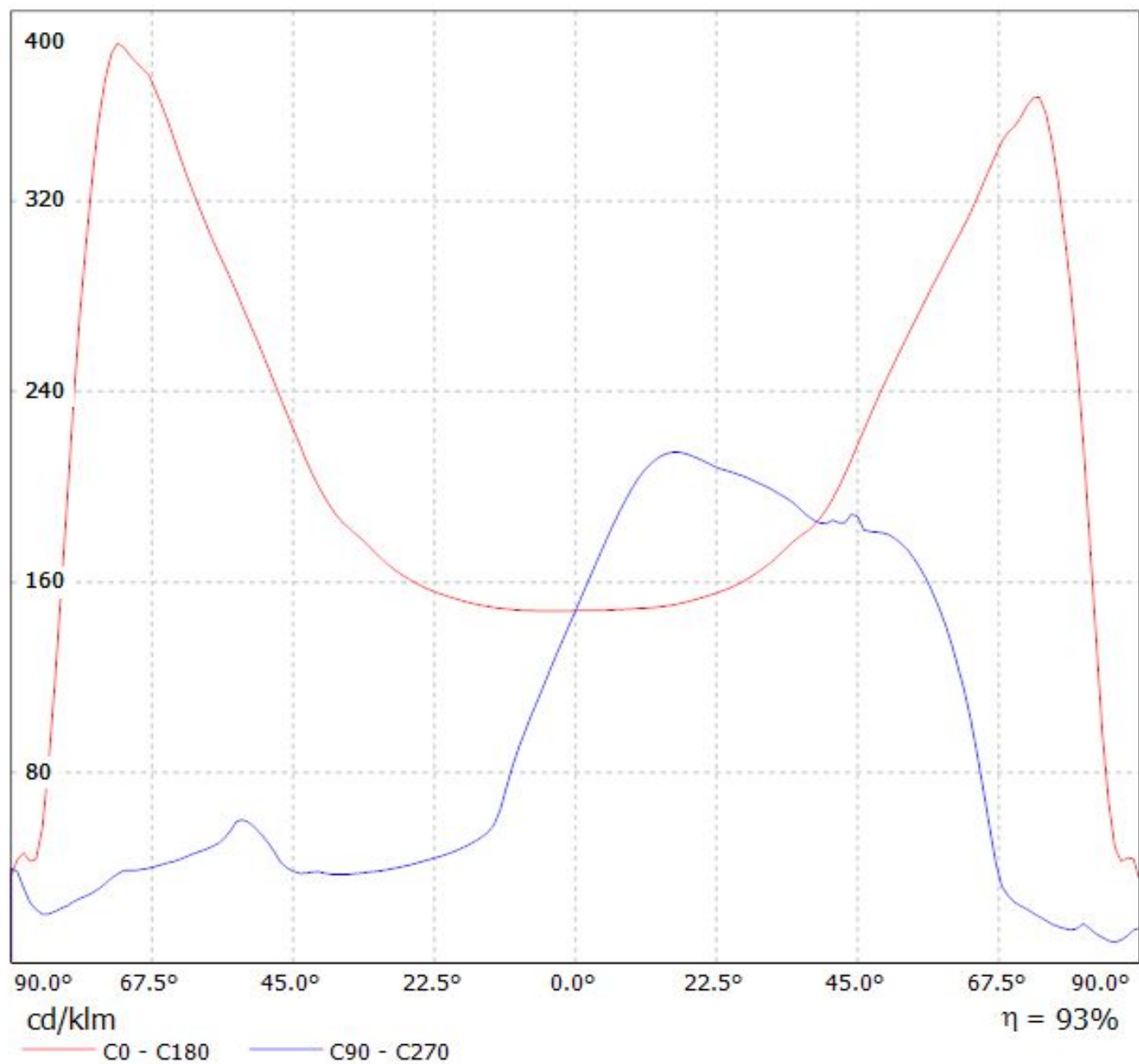


cd/klm
— C0 - C180 — C90 - C270

η = 93%

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.