

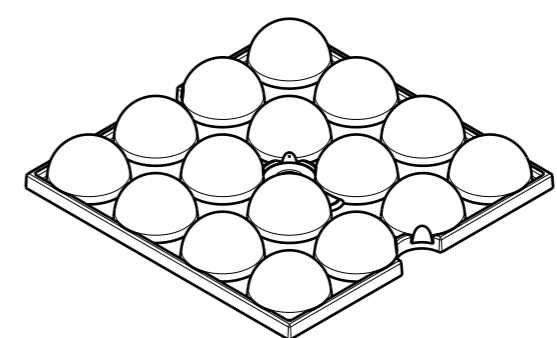
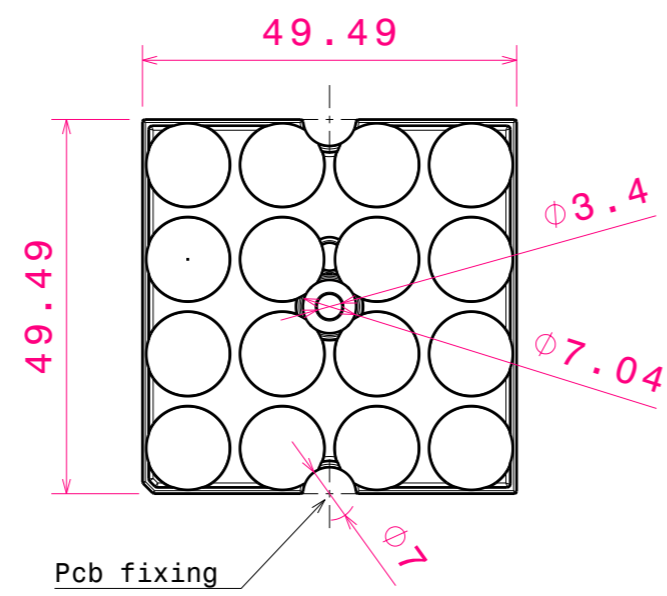
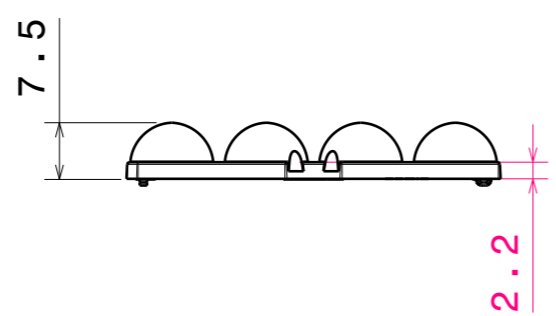
DETAILS

Product Number	C15430_STRADELLA-16-HB-S
Family	Stradella
Type	Lens array
Color	clear
Diameter	49,5+49,5 mm
Height	7,5 mm
Style	rectang
Optic Material	PMMA
Holder Material	
Fastening	pin, screw
Status	production ready
ROHS Compliant	Yes
Date Updated	19/12/2017

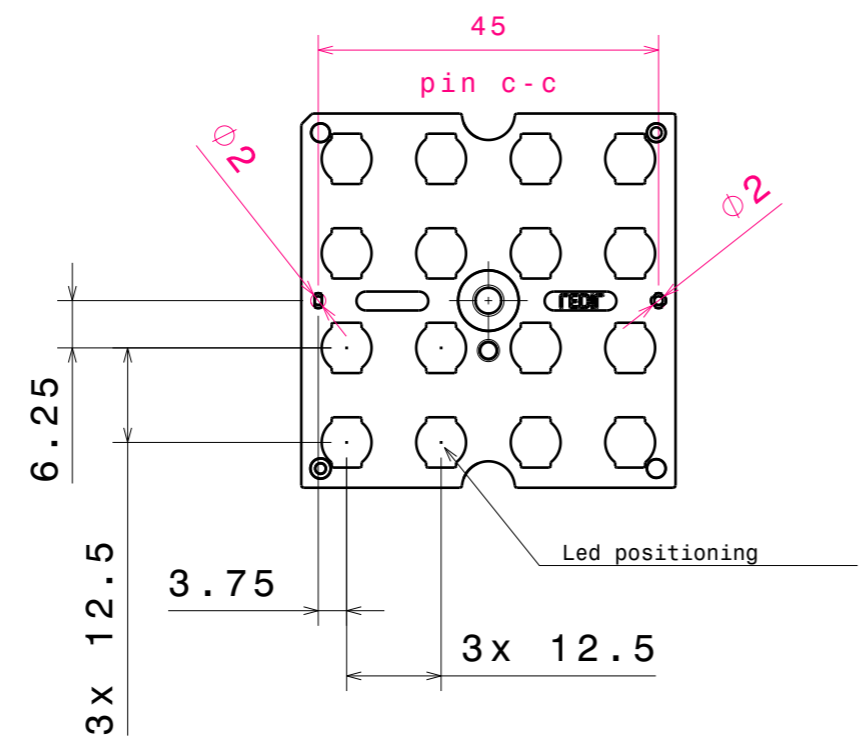


OPTICAL PROPERTIES

LED	Viewing	Light	Effi-		Connector
	Angle	Beam	ciency	cd/lm	
LUXEON C Colors	sim: 25	Spot	sim: 91 %	sim: 1.400	-
LUXEON C Colors	sim: 25	Spot	sim: 90 %	sim: 1.400	-
LUXEON C	sim: 25	Spot	sim: 91 %	sim: 1.500	-
NFSx757G	27 deg	Spot	93 %	1.700	-
LH351B	sim: 33	Spot	sim: 94 %	sim: 1.627	-
LH351C	sim: 37	Spot	sim: 94 %	sim: 1.471	-
SunLike 3030	24 deg	Spot	94 %	1.900	-



Isometric view
Scale: 1:1



Note:
Center screw recommended fixing torque 0,6Nm

INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	Stradella-16-HB		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

LEDiL LediL Oy
Salorankatu 10
FIN 24240 SALO
Finland

THIRD ANGLE PROJECTION:

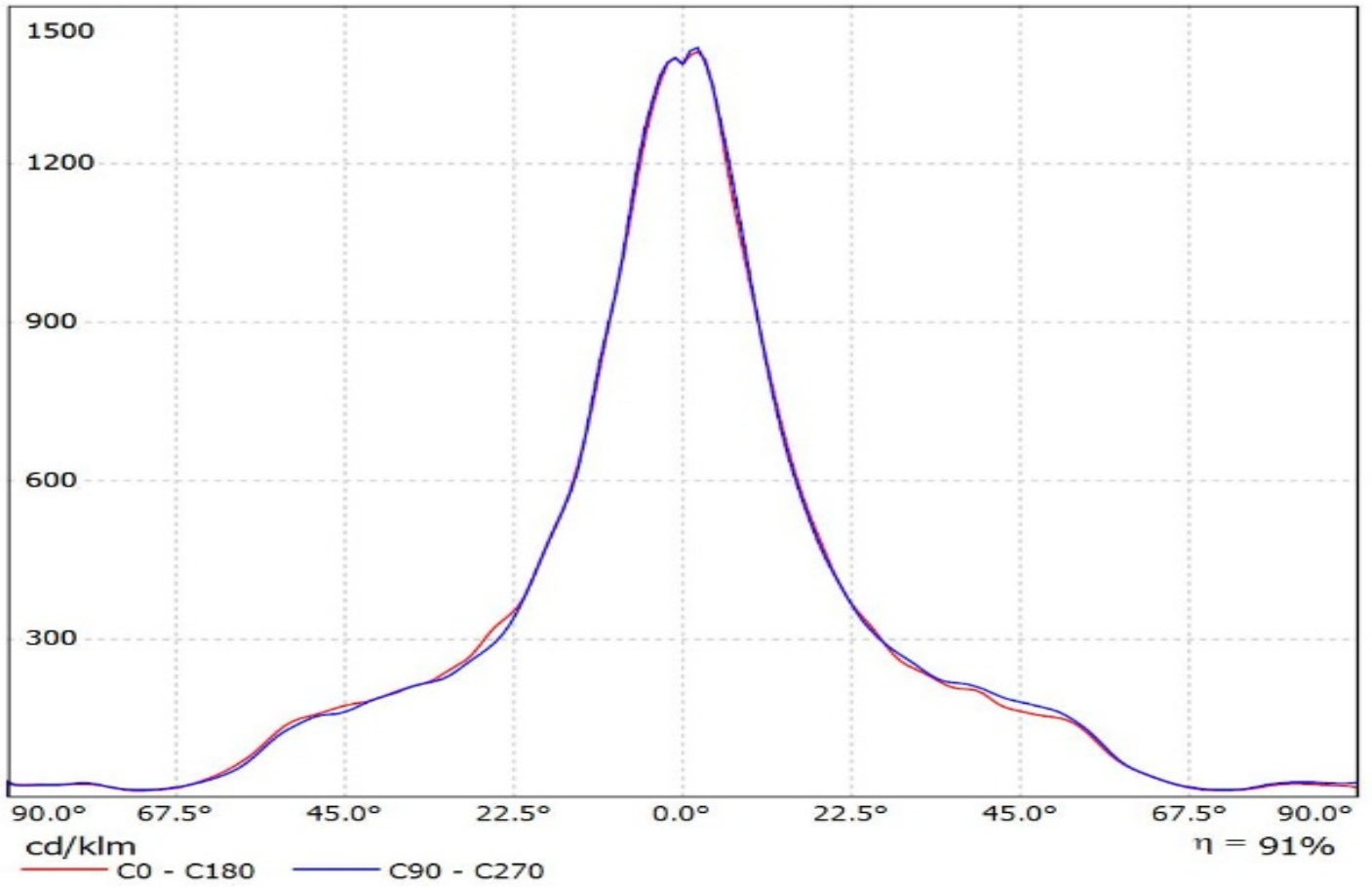
DRAWING TITLE
C1xxxx_Stradella-16-HB-x

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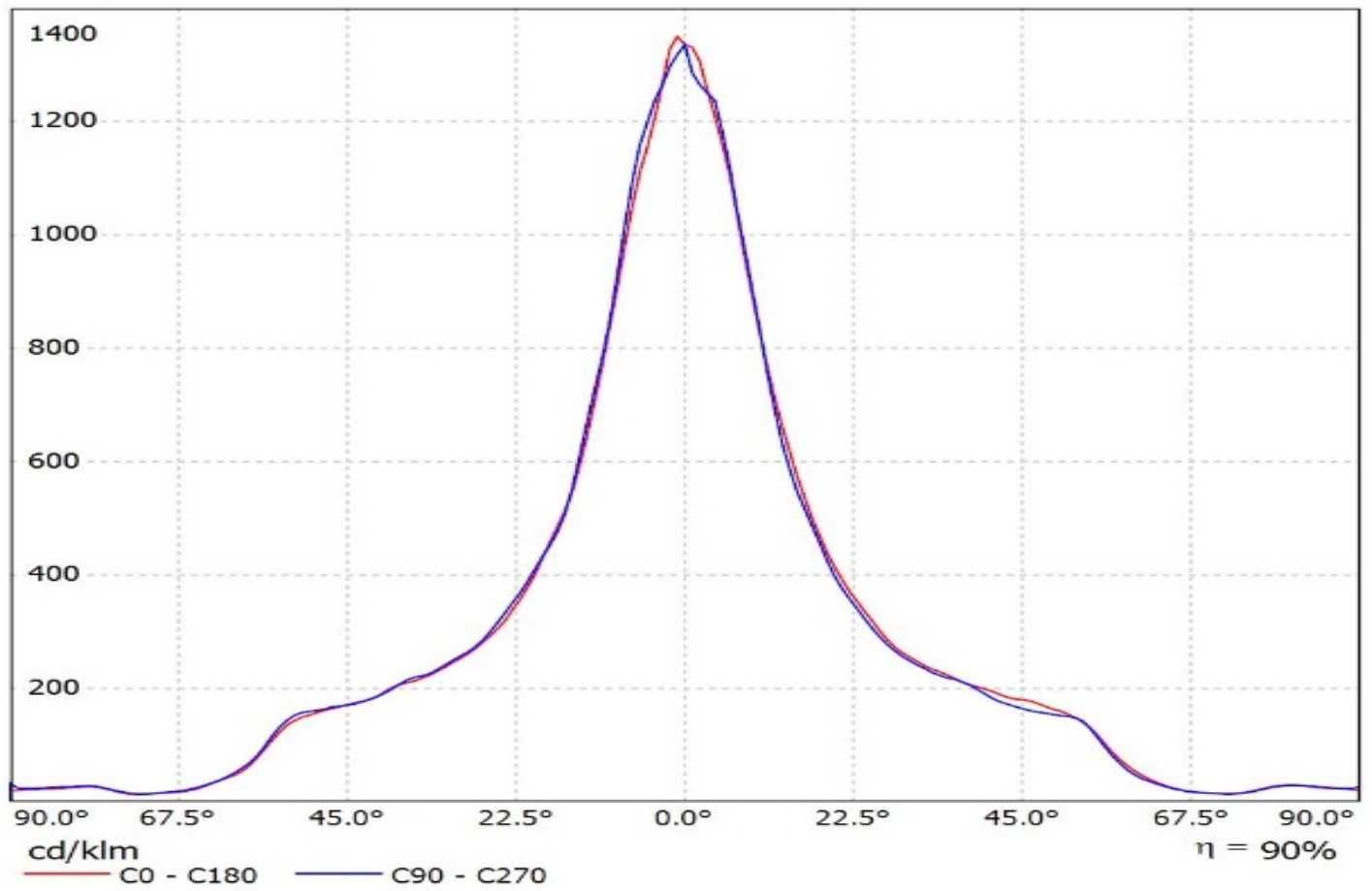
SIZE PART NUMBER
A3 C1xxxx_Stradella-16-HB-x

SCALE 1:1 WEIGHT SHEET 1/1

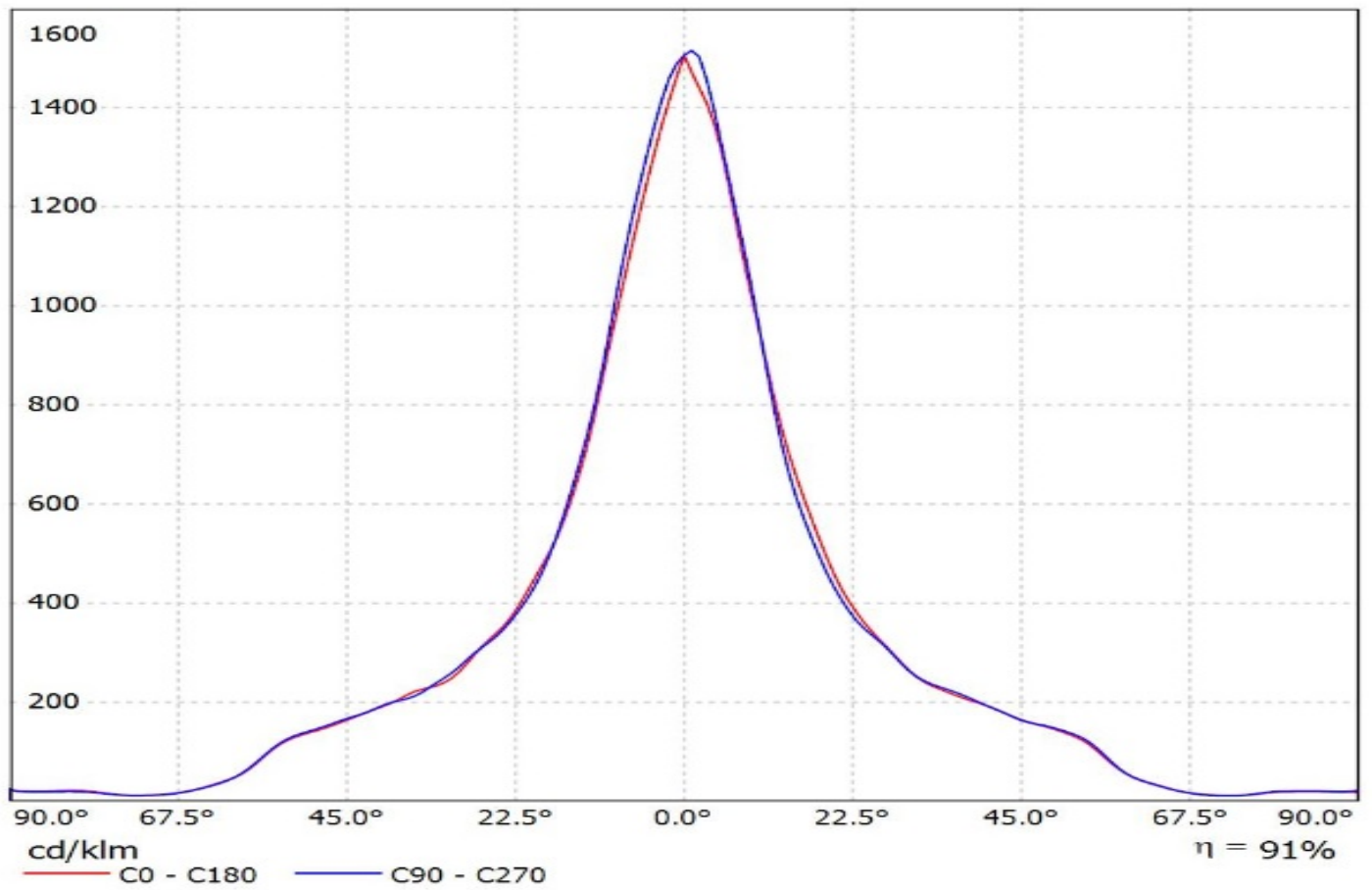
Luminaire: Ledil Oy C15430_STRADELLA-16-HB-S_(Luxeon_C_Royal_blue)_SIMULATED
Lamps: 1 x Lumileds Luxeon C - Royal blue



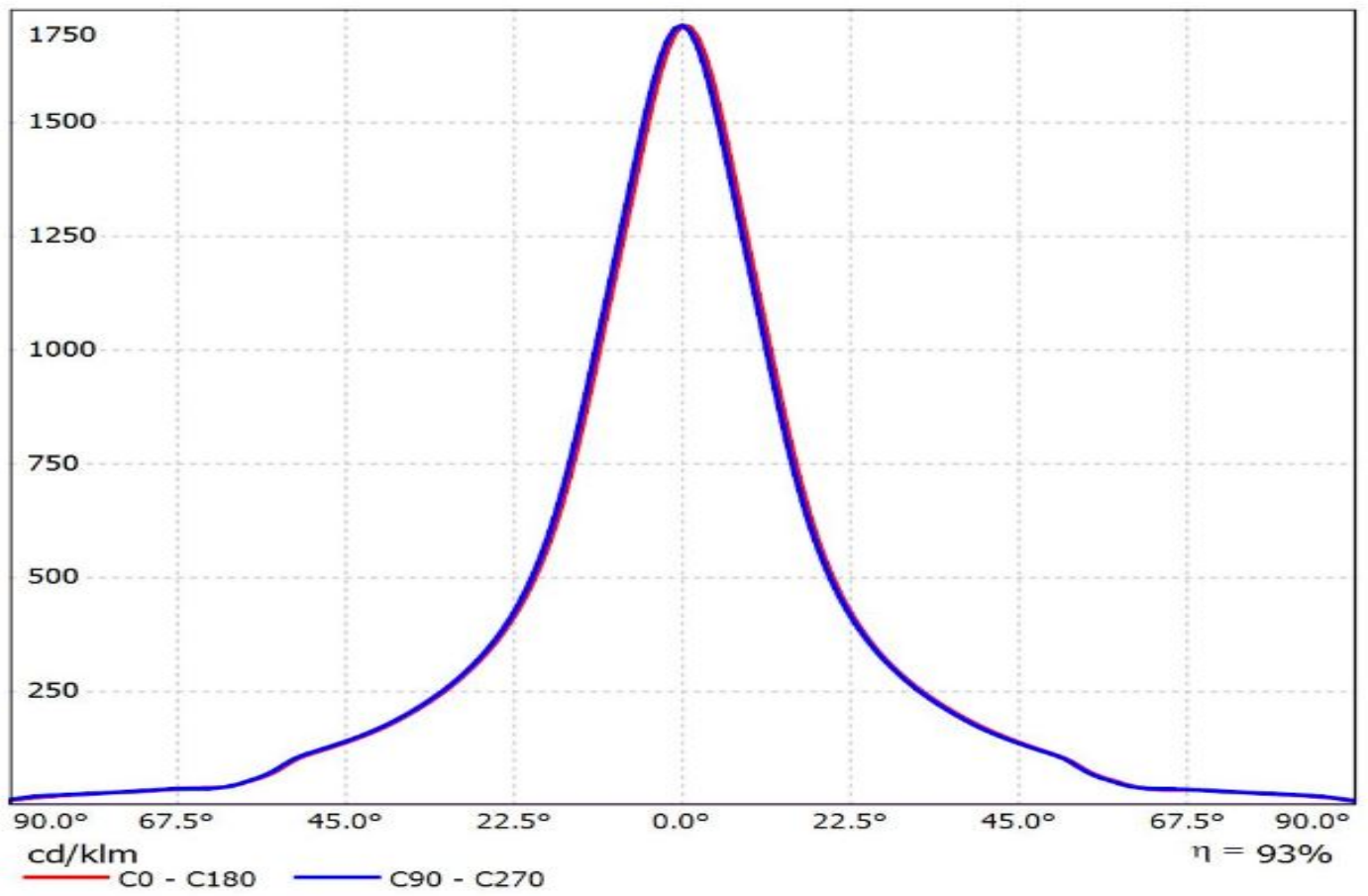
Luminaire: Ledil Oy C15430_STRADELLA-16-HB-S_(Luxeon_C_Green)_SIMULATED
Lamps: 1 x Lumileds Luxeon C - Green



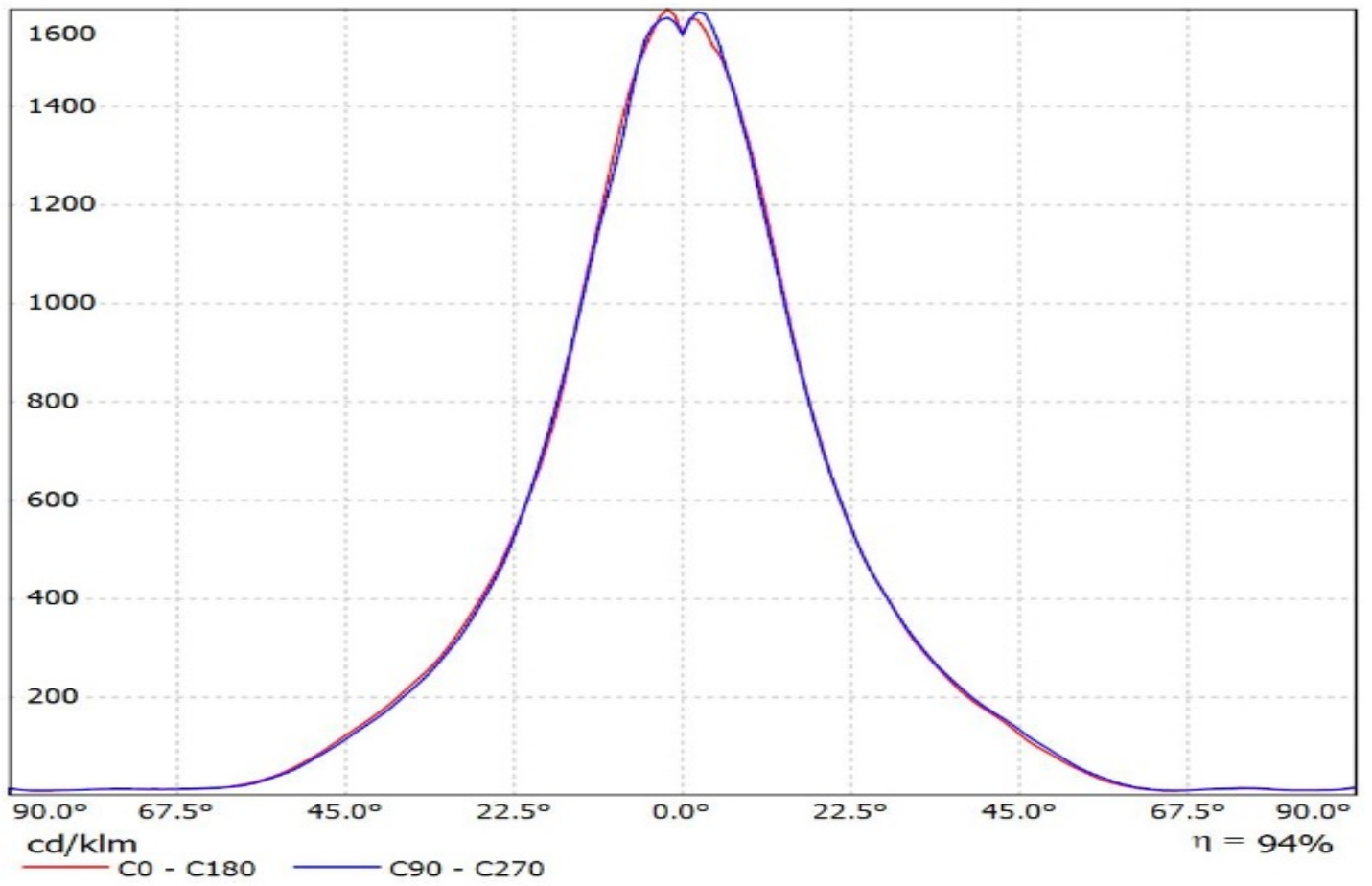
Luminaire: Ledil Oy C15430_STRADELLA-16-HB-S_(Luxeon_C_White)_SIMULATED
Lamps: 1 x Lumileds Luxeon C - White



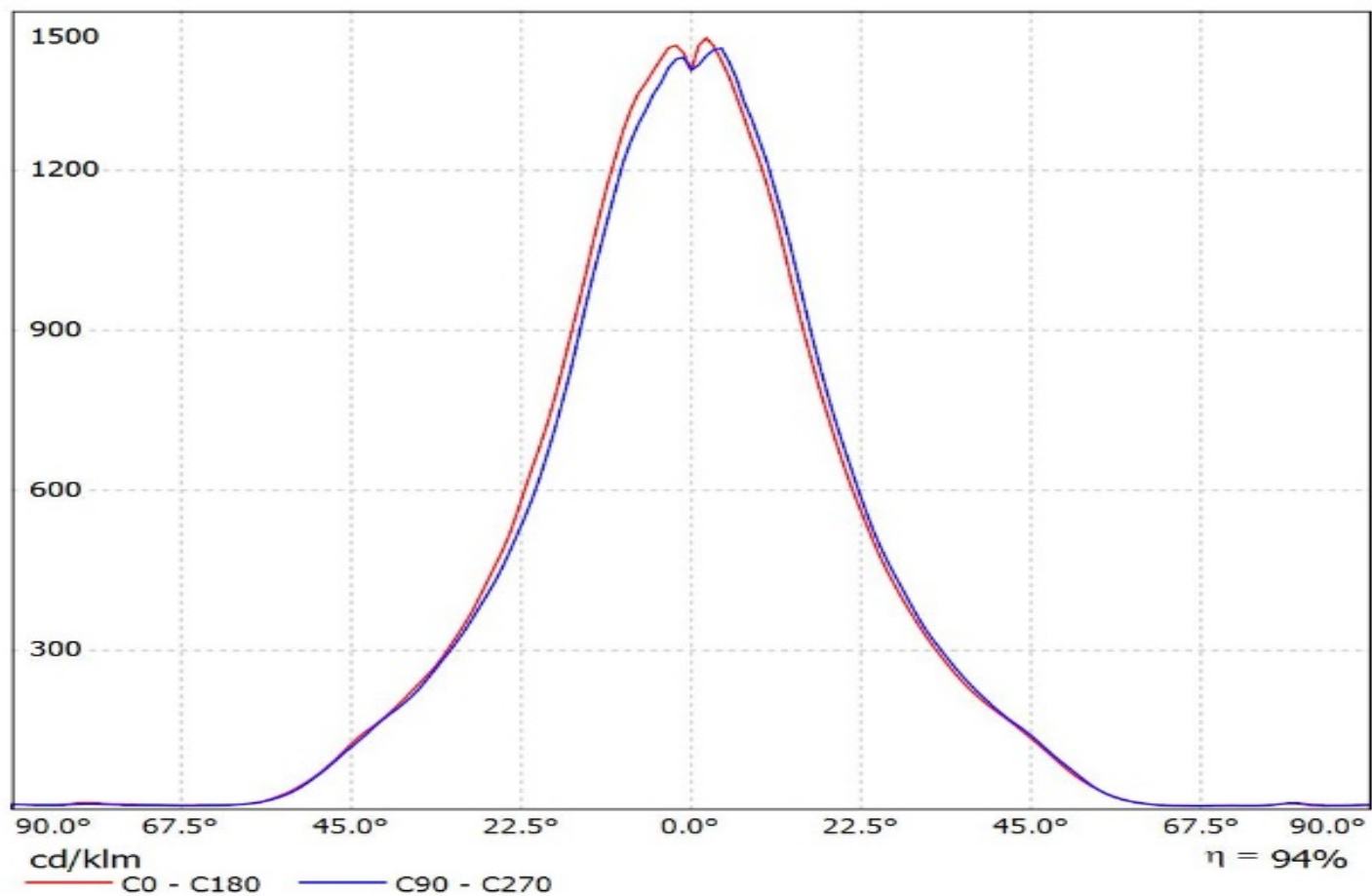
Luminaire: LEDiL Oy C15430_STRADELLA-16-HB-S_(NFSW757GE)
Lamps: 1 x Nichia_NFSW757GE_x16_491.886lm@250mA_P=2.86121W_I=0.25A



Luminaire: Ledil Oy C15430_STRADELLA-16-HB-S_SIMULATED
Lamps: 1 x SAMSUNG_LH351B

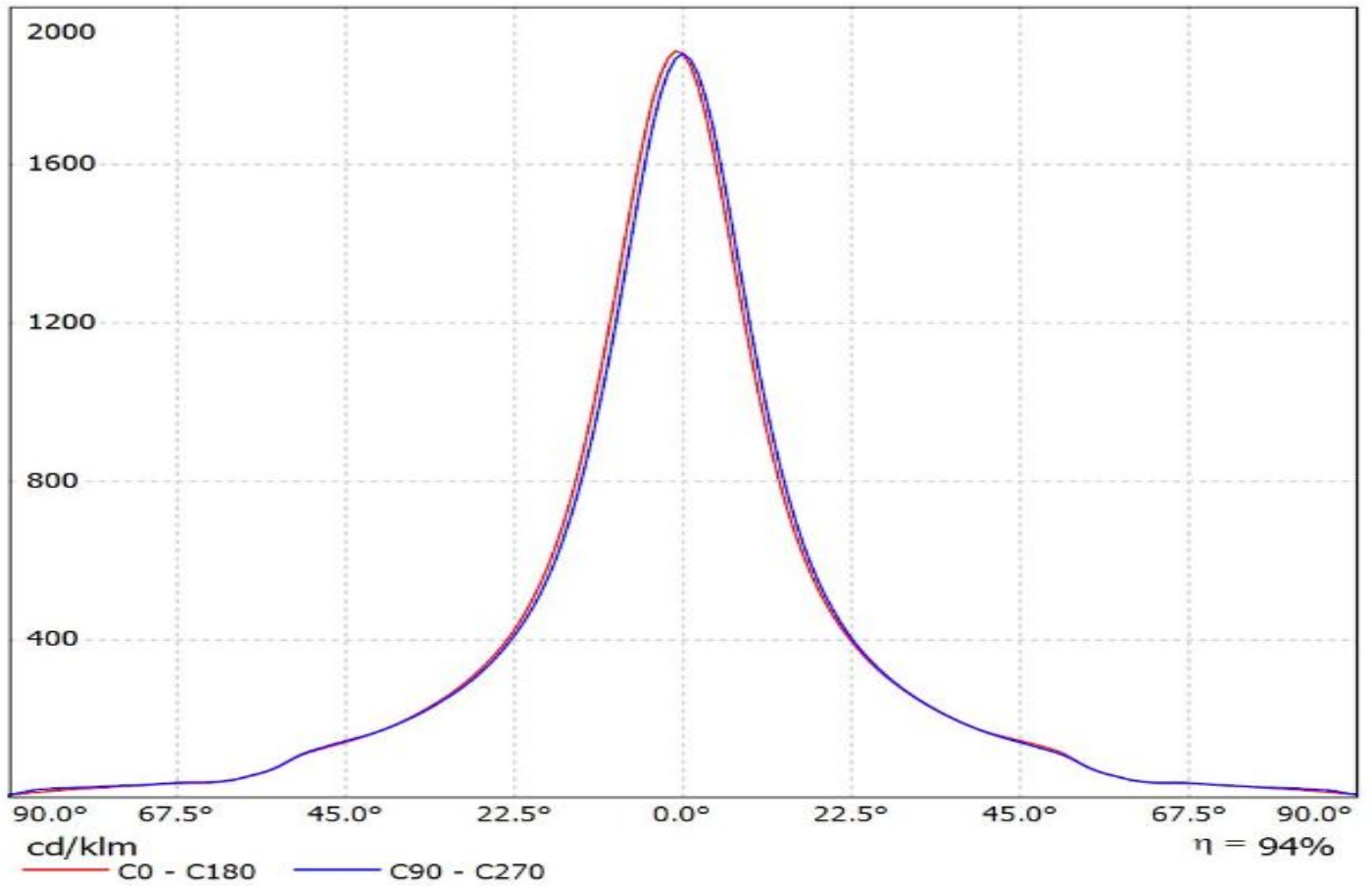


Luminaire: Ledil Oy C15430_STRADELLA-16-HB-S_SIMULATED
Lamps: 1 x SAMSUNG_LH351C

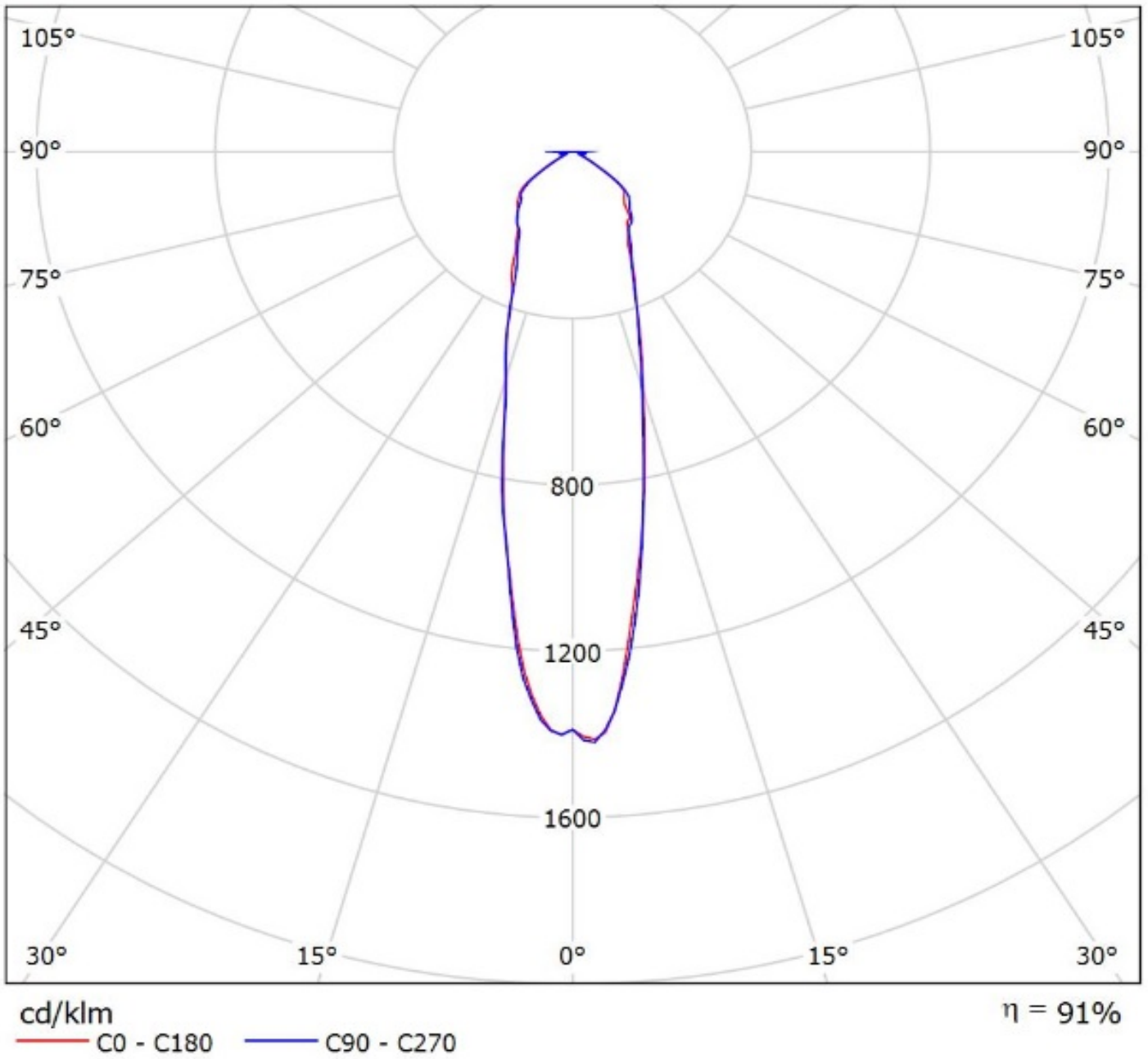


Luminaire: Ledil C15430_STRADELLA-16-HB-S_(SunLike_3030)

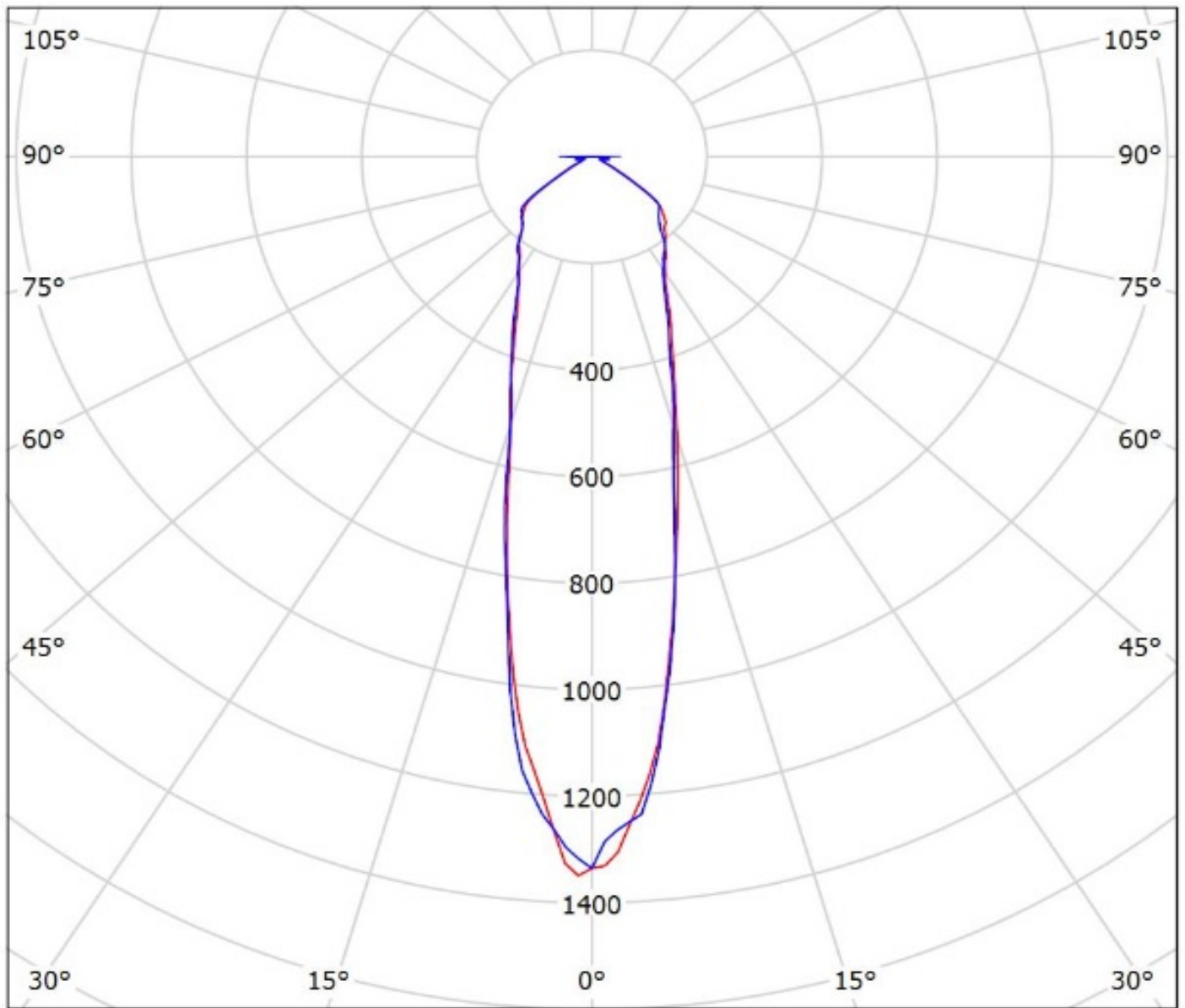
Lamps: 1 x Seoul_SunLike_3030_(STW9C2PB-S)_75.9443lm@65mA_P=0.75946W_U=11.702V



Luminaire: Ledil Oy C15430_STRADELLA-16-HB-S_(Luxeon_C_Royal_blue)_SIMULATED
Lamps: 1 x Lumileds Luxeon C - Royal blue



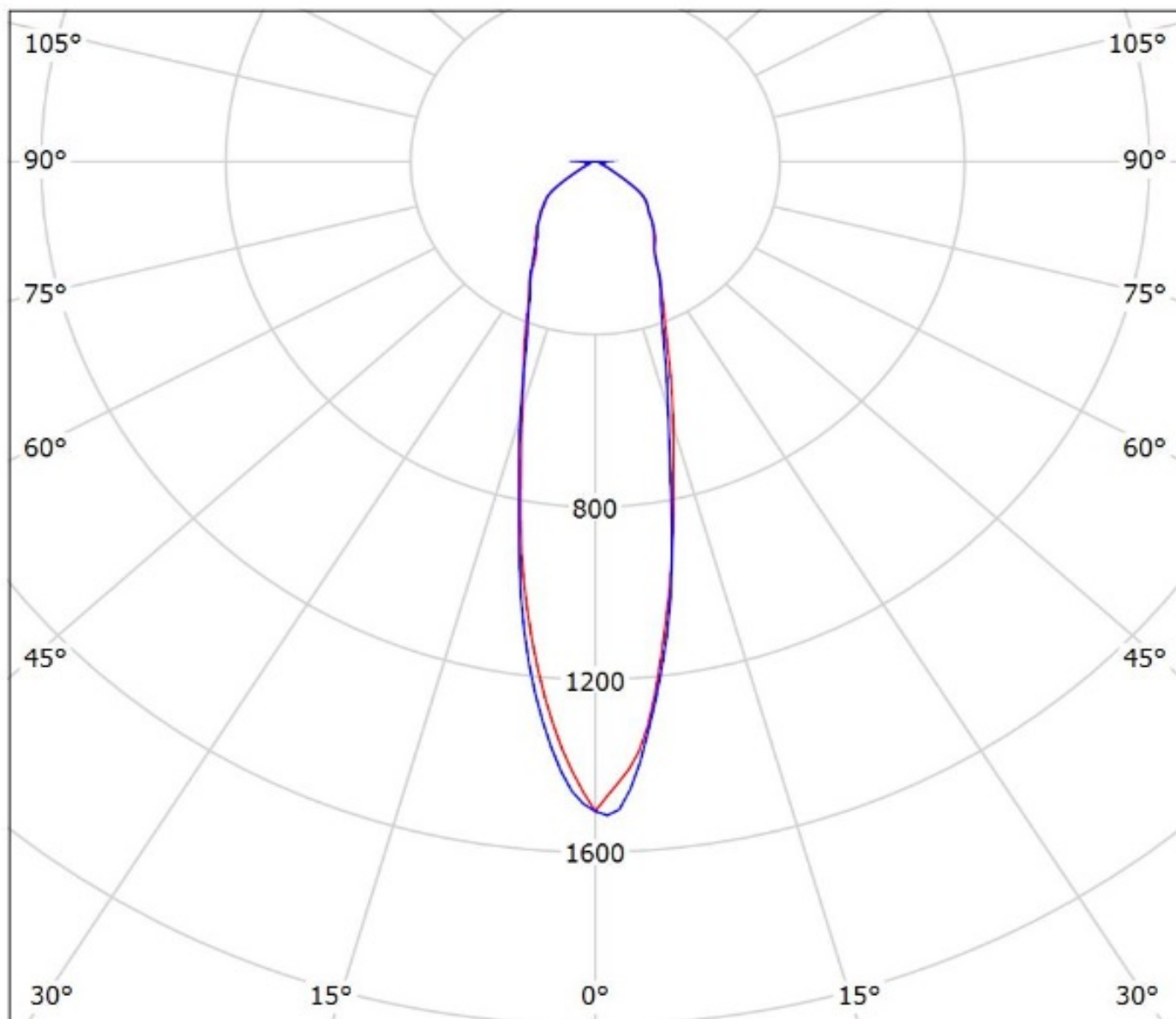
Luminaire: Ledil Oy C15430_STRADELLA-16-HB-S_(Luxeon_C_Green)_SIMULATED
Lamps: 1 x Lumileds Luxeon C - Green



cd/klm
— C0 - C180 — C90 - C270

$\eta = 90\%$

Luminaire: Ledil Oy C15430_STRADELLA-16-HB-S_(Luxeon_C_White)_SIMULATED
Lamps: 1 x Lumileds Luxeon C - White



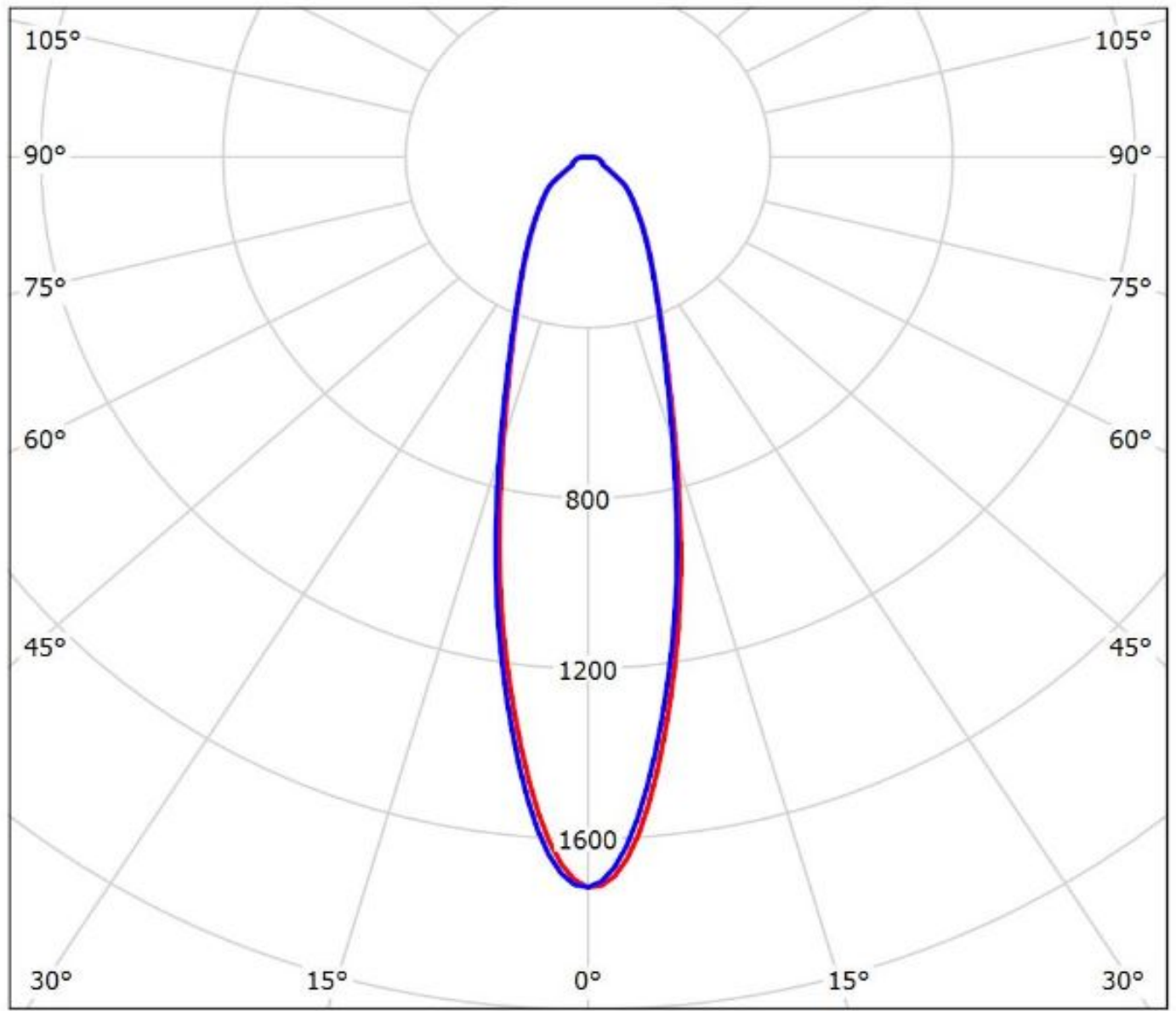
cd/klm

— C0 - C180 — C90 - C270

$\eta = 91\%$

Luminaire: LEDiL Oy C15430_STRADELLA-16-HB-S_(NFSW757GE)

Lamps: 1 x Nichia NFSW757GE_x16_491.886lm@250mA_P=2.86121W_I=0.25A

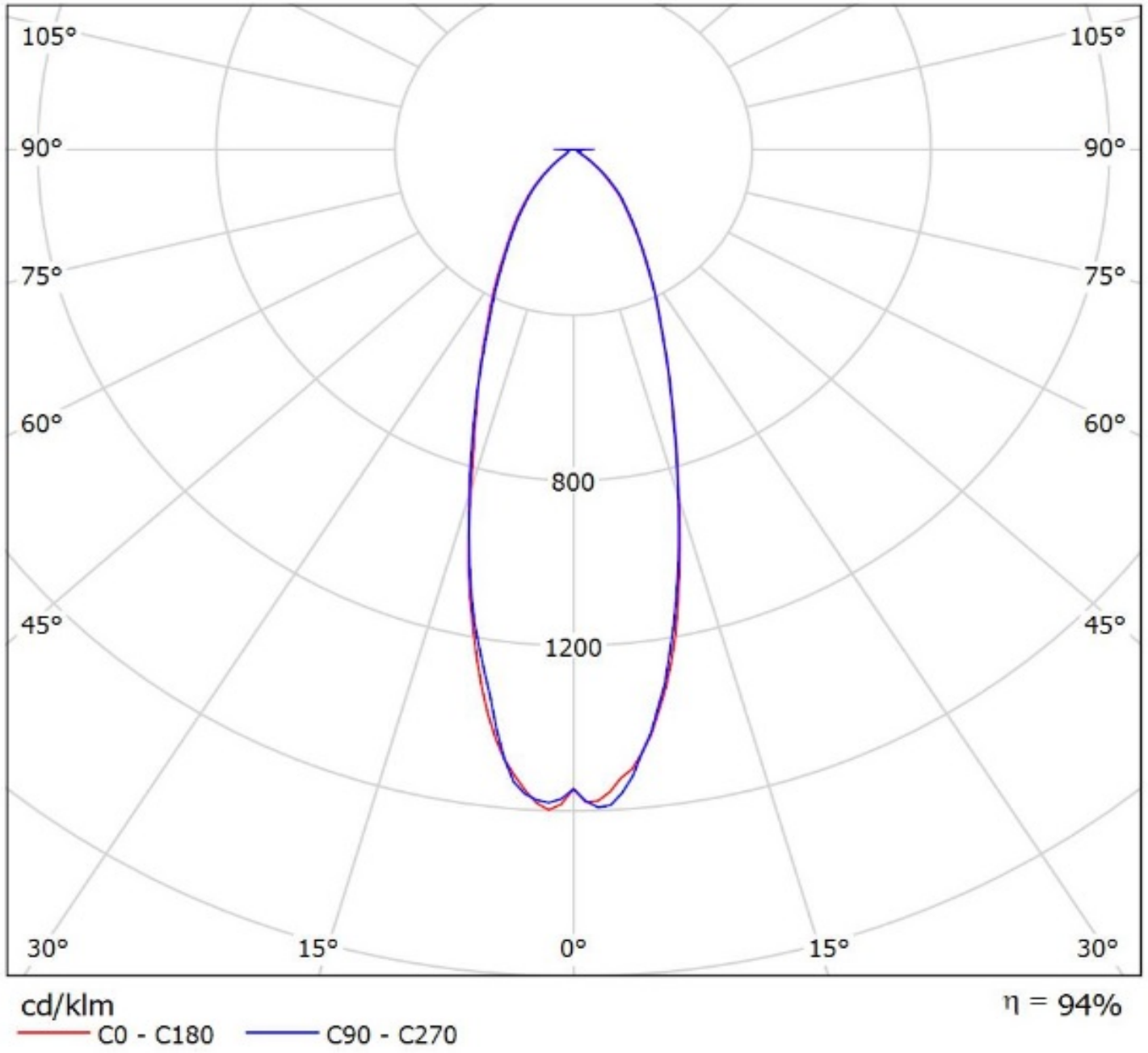


cd/klm

— C0 - C180 — C90 - C270

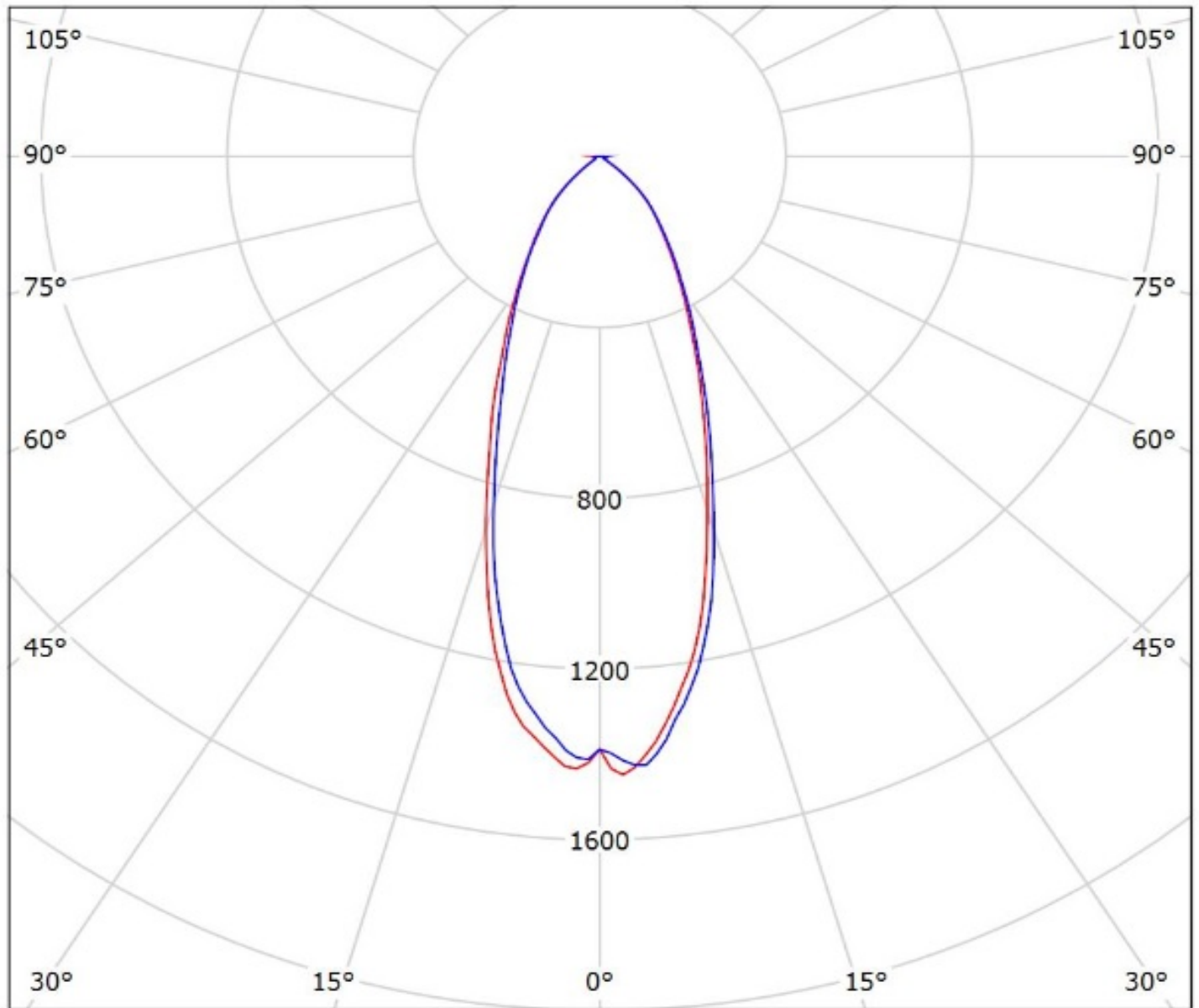
$\eta = 93\%$

Luminaire: Ledil Oy C15430_STRADELLA-16-HB-S_SIMULATED
Lamps: 1 x SAMSUNG_LH351B



Luminaire: Ledil Oy C15430_STRADELLA-16-HB-S_SIMULATED

Lamps: 1 x SAMSUNG_LH351C



cd/klm

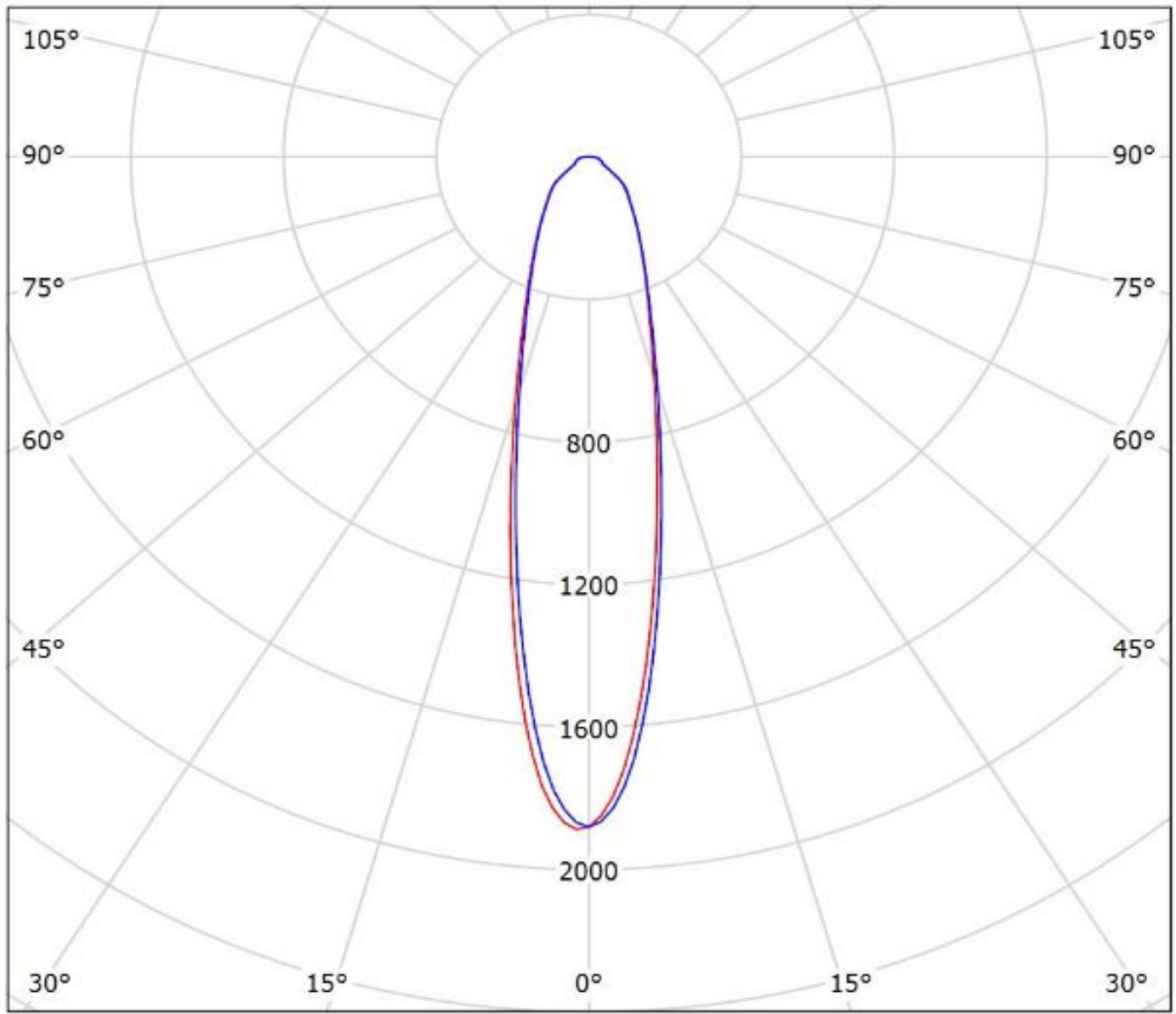
— C0 - C180

— C90 - C270

$\eta = 94\%$

Luminaire: Ledil C15430_STRADELLA-16-HB-S_(SunLike_3030)

Lamps: 1 x Seoul_SunLike_3030_(STW9C2PB-S)_75.9443lm@65mA_P=0.75946W_U=11.702V



cd/klm

— C0 - C180 — C90 - C270

$\eta = 94\%$

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.