

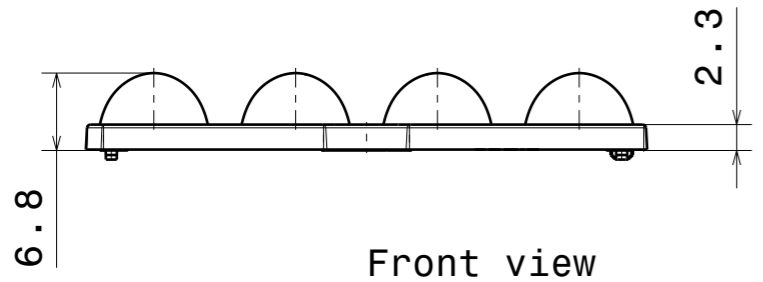
DETAILS

Product Number	C15431_STRADELLA-16-HB-M
Family	Stradella
Type	Lens array
Color	clear
Diameter	mm
Height	7,5 mm
Style	
Optic Material	PMMA
Holder Material	
Fastening	
Status	production ready
ROHS Compliant	Yes
Date Updated	18/12/2017

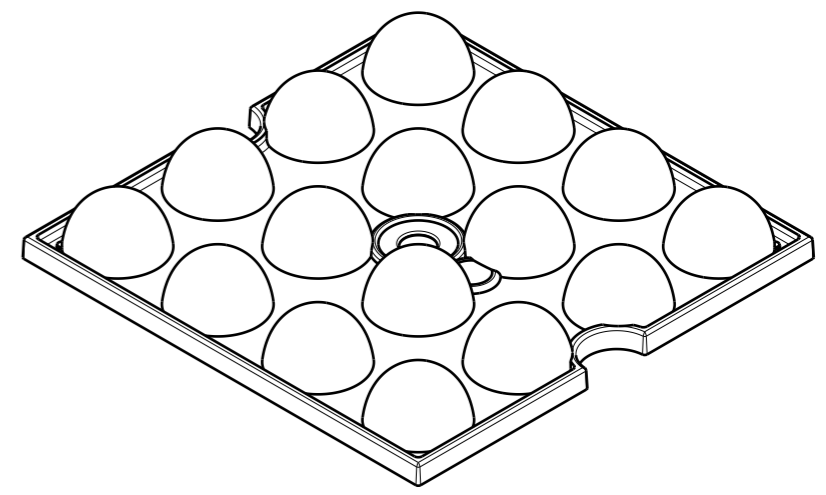


OPTICAL PROPERTIES

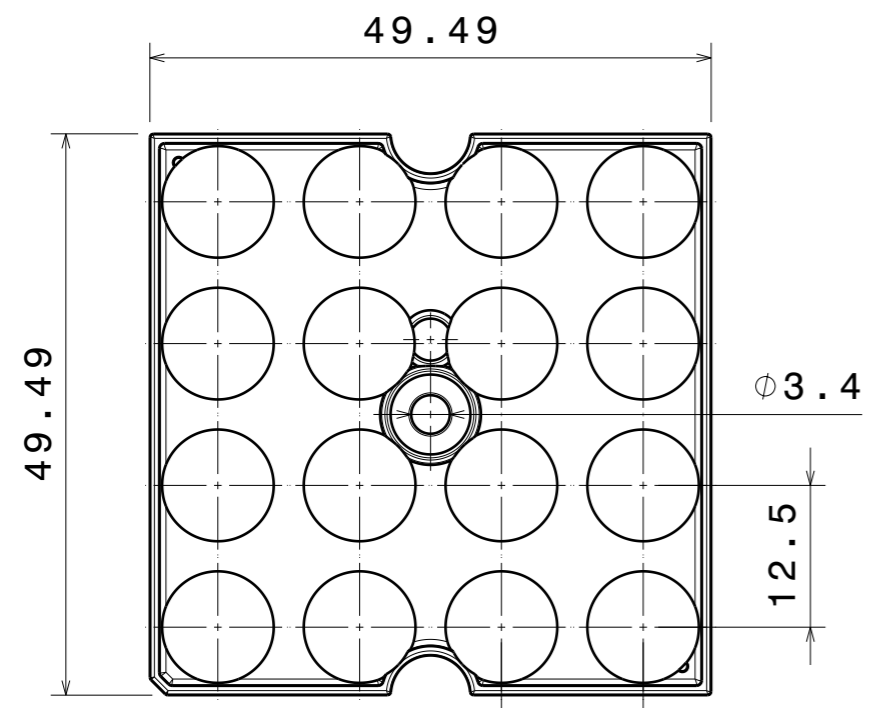
LED	Viewing	Light	Effi-		Connector
	Angle	Beam	ciency	cd/lm	
NFSx757G	61 deg	Medium	93 %	0.680	-
LH181B	sim: 60	Medium	sim: 94 %	sim: 0.720	-
LH351B	sim: 66	Medium	sim: 94 %	sim: 0.695	-
LH351C	sim: 79	Medium	sim: 94 %	sim: 0.646	-
SunLike 3030	61 deg	Medium	94 %	0.710	-



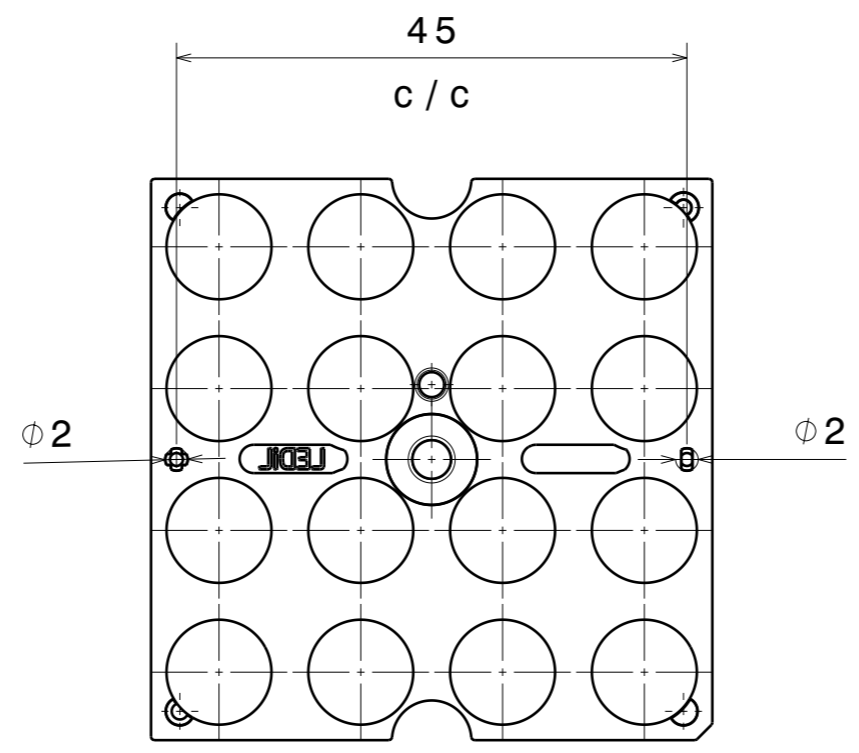
Front view



Isometric view
Scale: 3:2



Top view



Bottom view

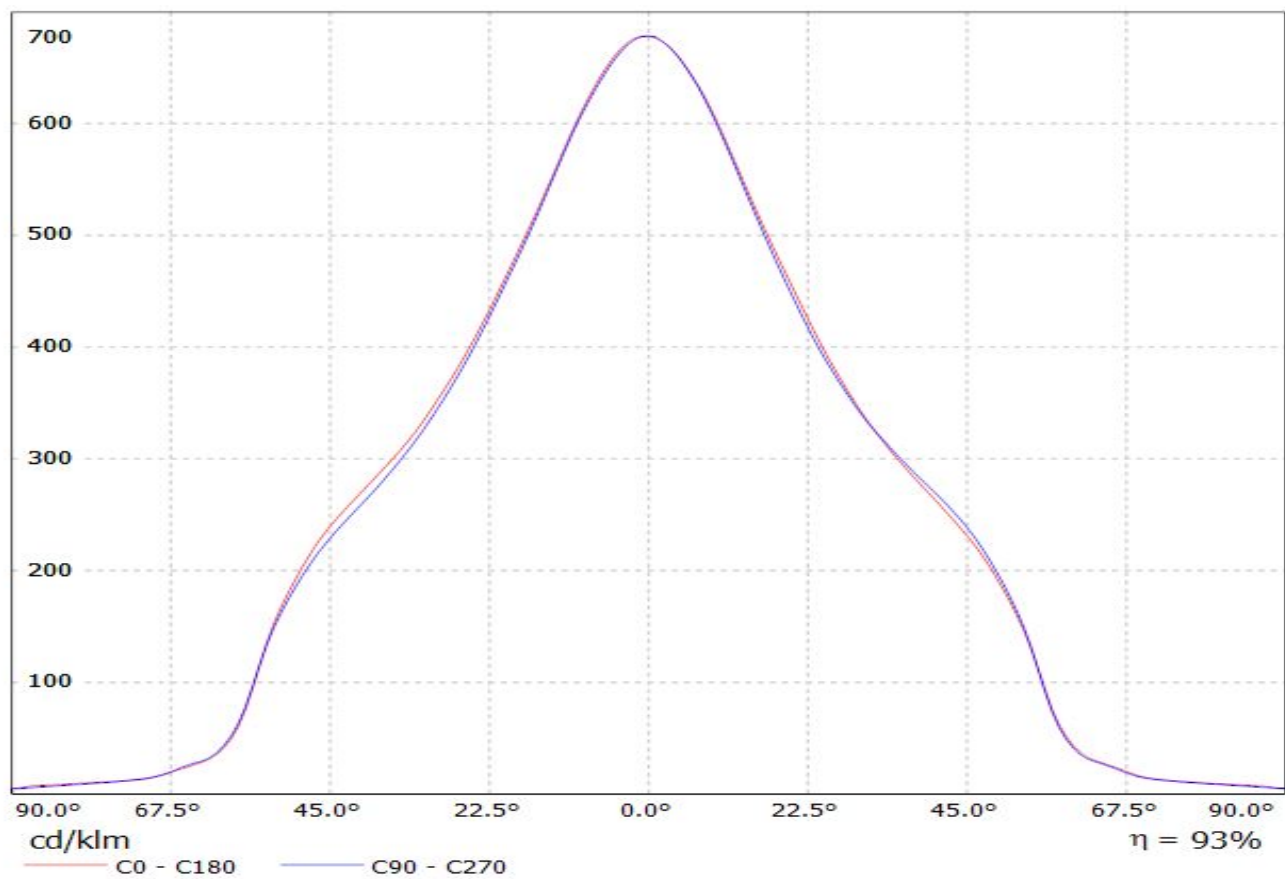
GENERAL MOULDING TOLERANCES

Dimension [mm]	PMMA / PC
>0-6	± 0.2
>6-22	± 0.25
>22-40	± 0.30
>40-90	± 0.44
>90-160	± 0.60
>160-200	± 0.70
>200-315	± 1.1

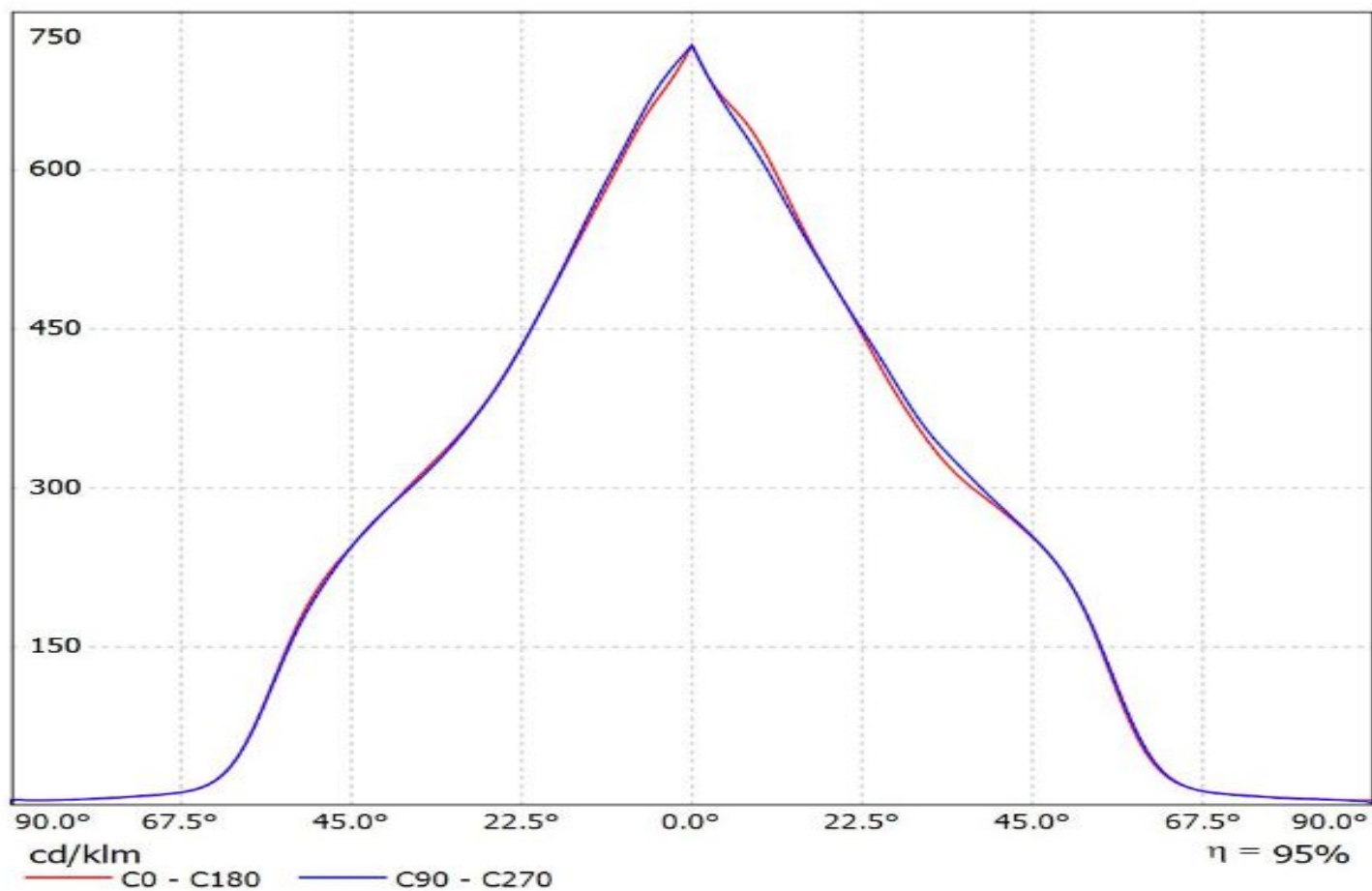
PART	TYPE	MATERIAL	COLOR / COATING
C15431_STRADELLA-16-HB-M		PMMA	

MECHANICAL DRAWING		LEDiL®
PRODUCT STRADELLA		
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 reproduced, copied or communicated without a written agreement with LEDiL Oy.
SCALE 3:2	WEIGHT 6,5 g	
A3		SHEET 1/1

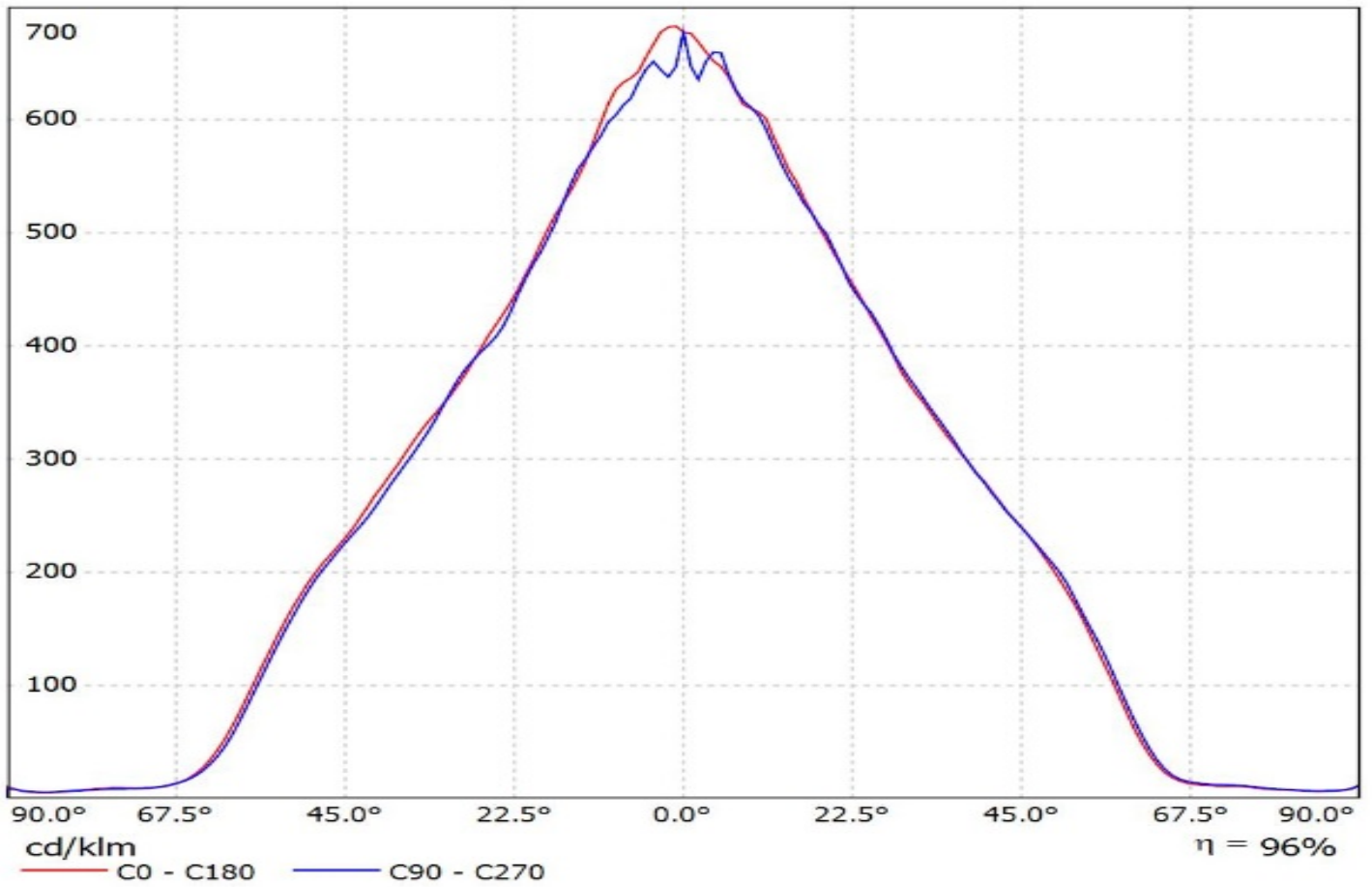
Luminaire: Ledil C15431_STRADELLA-16-HB-M_(NFSW757GE)
Lamps: 1 x Nichia_NFSW757GE_x16_506.219lm@250mA_P=2.8765W_I=0.25A



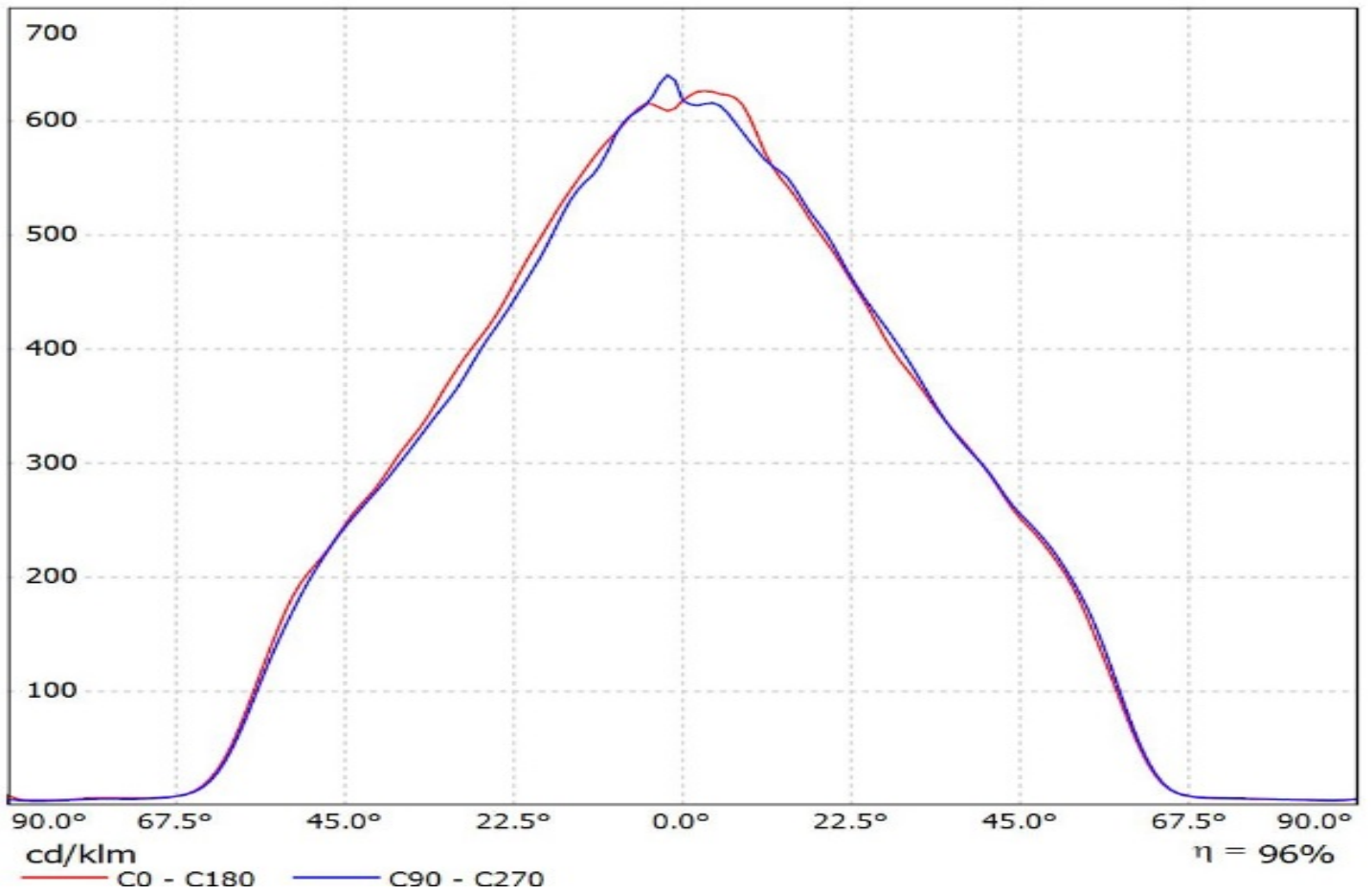
Luminaire: Ledil Oy C15431_STRADELLA-16-HB-M_(LH181B)_SIMULATED
Lamps: 1 x Samsung LH181B



Luminaire: Ledil Oy C15431_STRADELLA-16-HB-M_SIMULATED
Lamps: 1 x SAMSUNG_LH351B

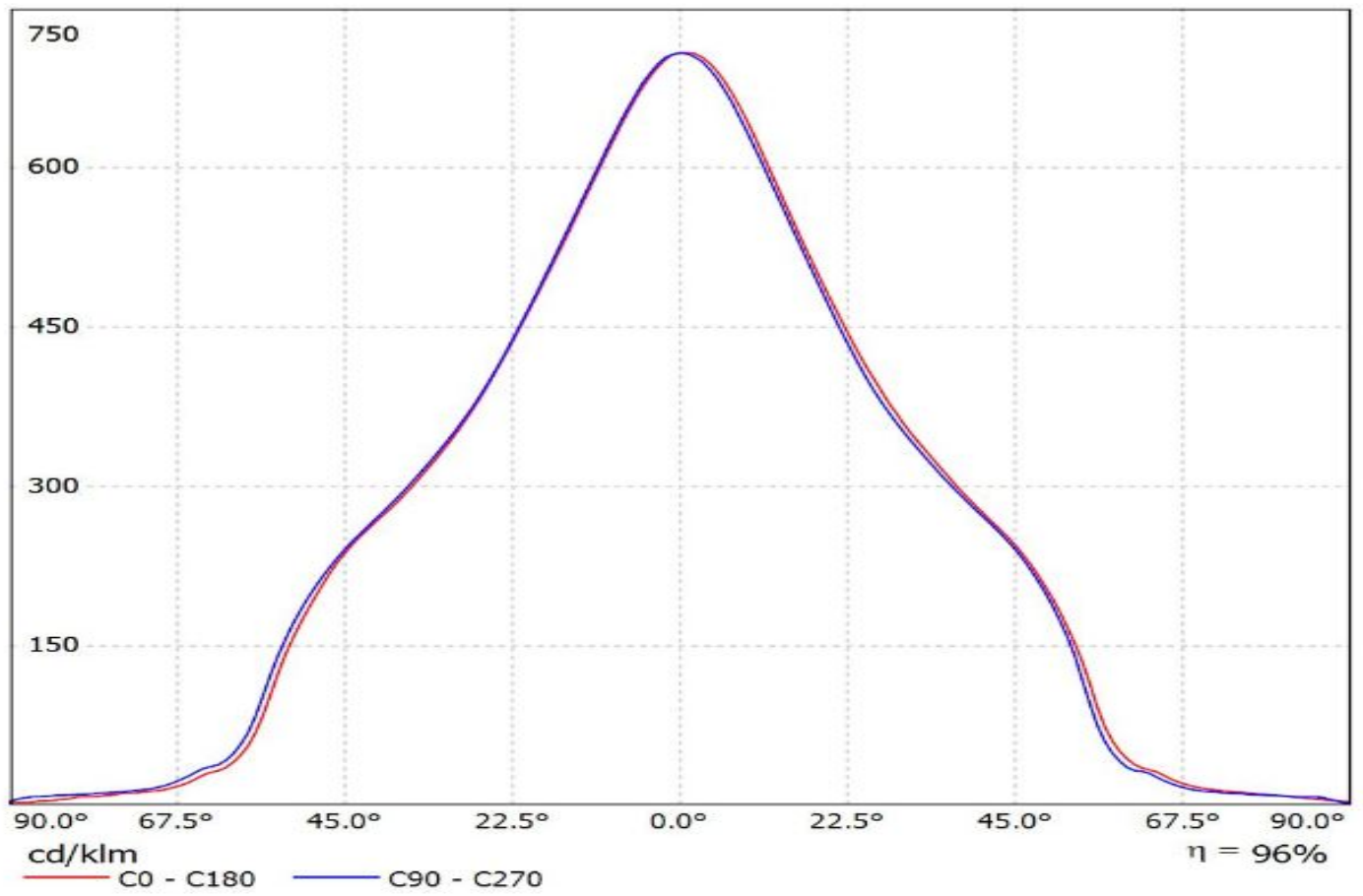


Luminaire: Ledil Oy C15431_STRADELLA-16-HB-M_SIMULATED
Lamps: 1 x SAMSUNG_LH351C

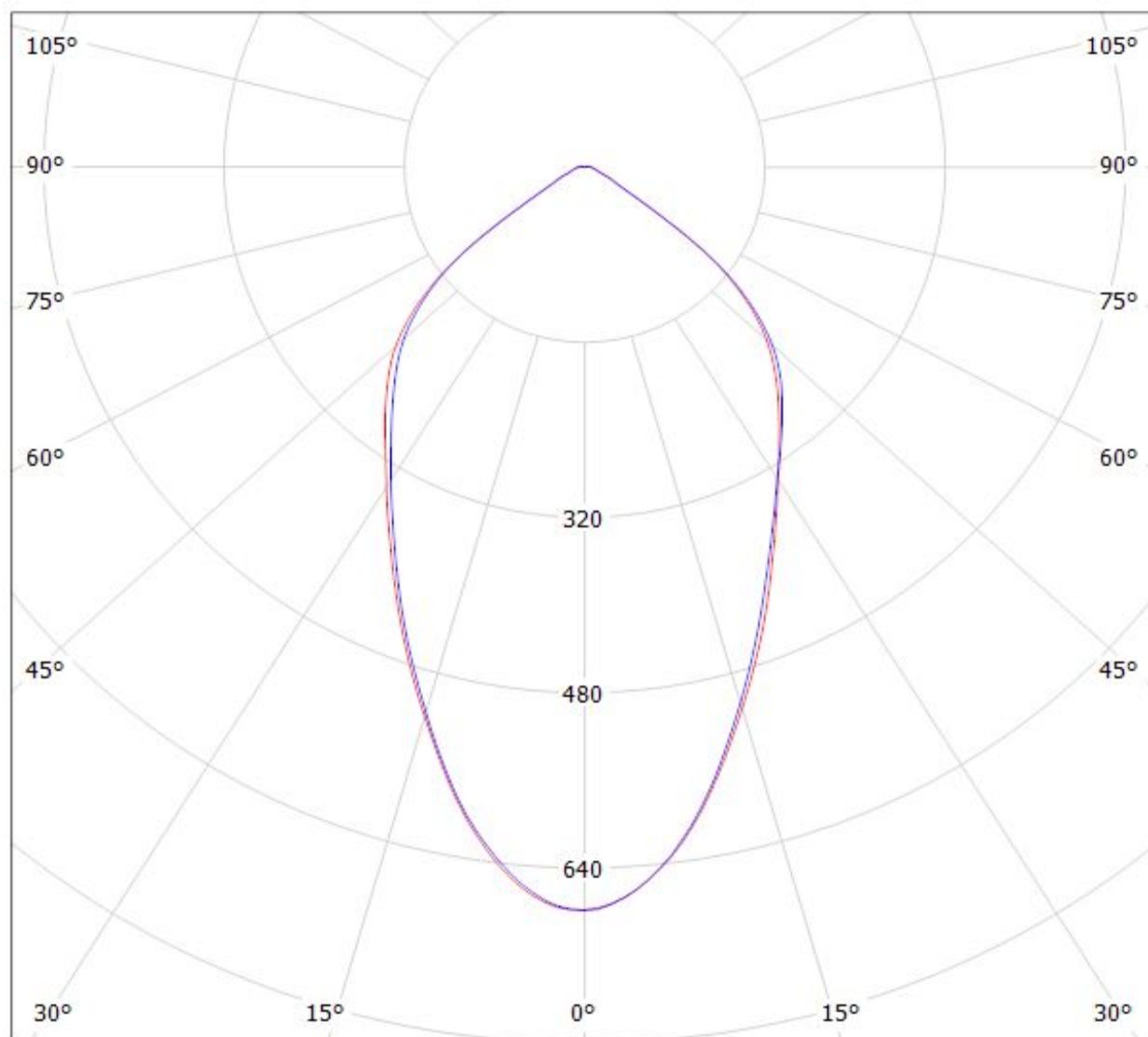


Luminaire: Ledil C15431_STRADELLA-16-HB-M (SunLike_3030)

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



Luminaire: Ledil C15431_STRADELLA-16-HB-M_(NFSW757GE)
Lamps: 1 x Nichia_NFSW757GE_x16_506.219lm@250mA_P=2.8765W_I=0.25A



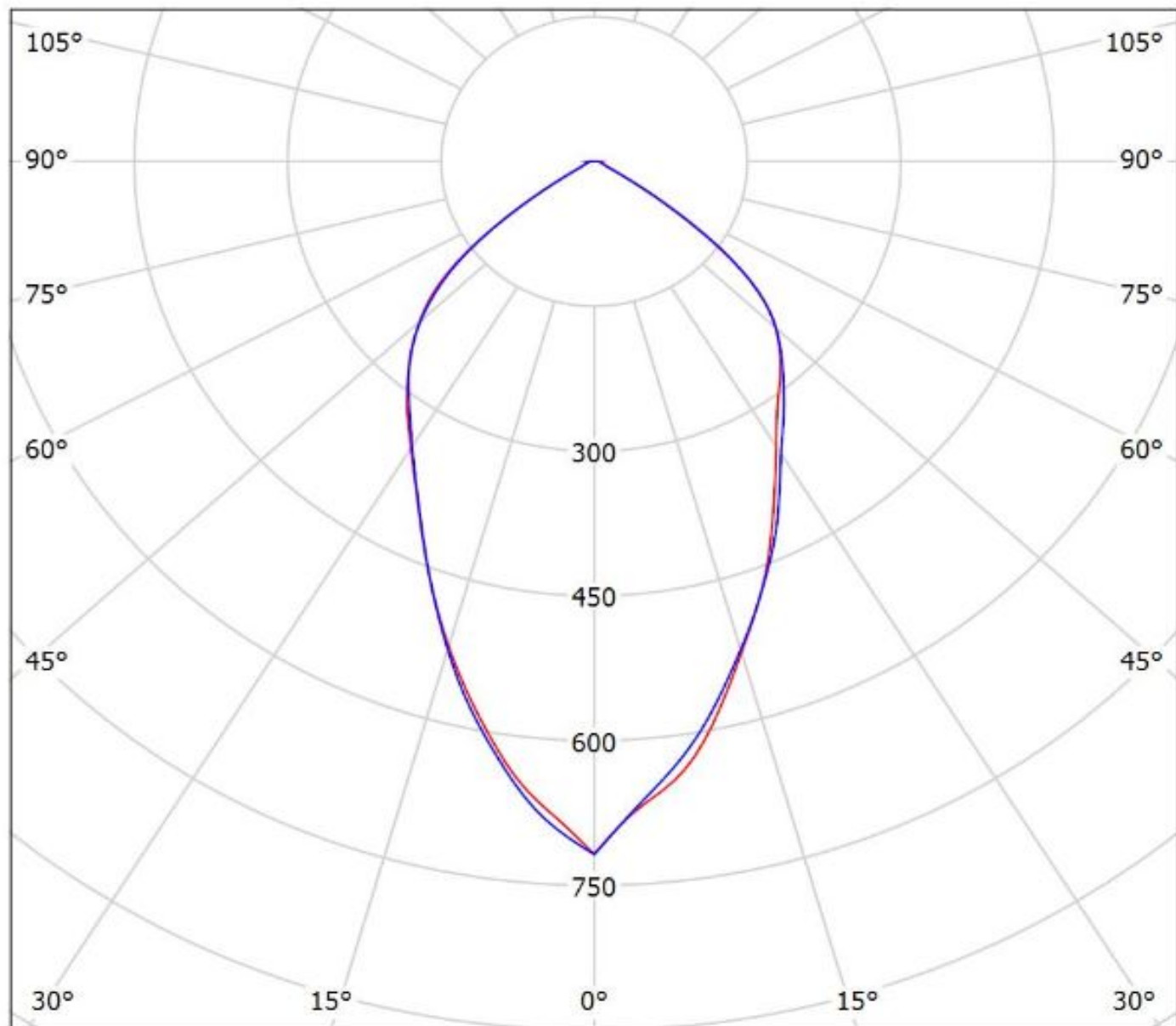
cd/klm

— C0 - C180

— C90 - C270

$\eta = 93\%$

Luminaire: Ledil Oy C15431_STRADELLA-16-HB-M_(LH181B)_SIMULATED
Lamps: 1 x Samsung LH181B



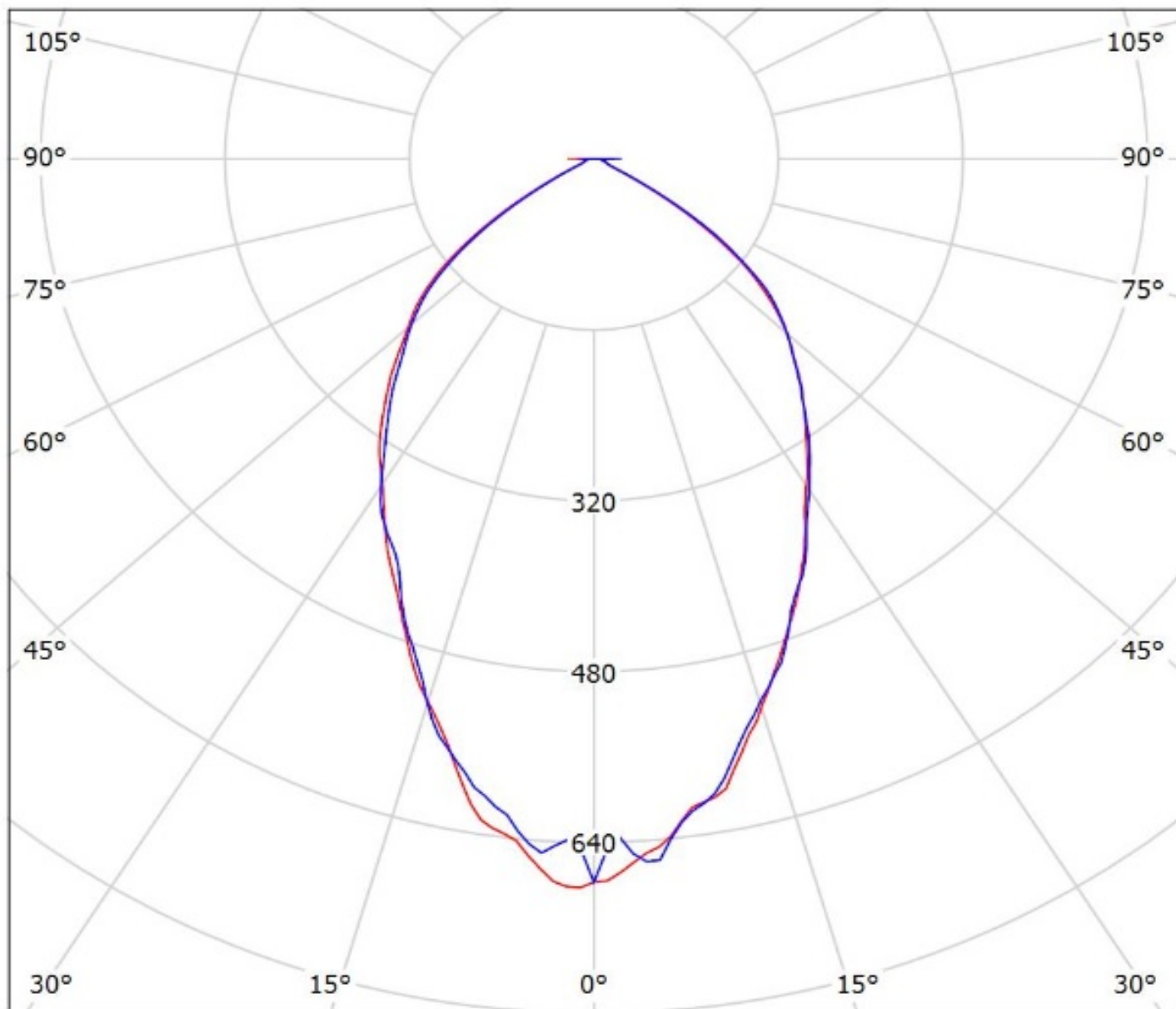
cd/klm

— C0 - C180 — C90 - C270

$\eta = 95\%$

Luminaire: Ledil Oy C15431_STRADELLA-16-HB-M_SIMULATED

Lamps: 1 x SAMSUNG_LH351B

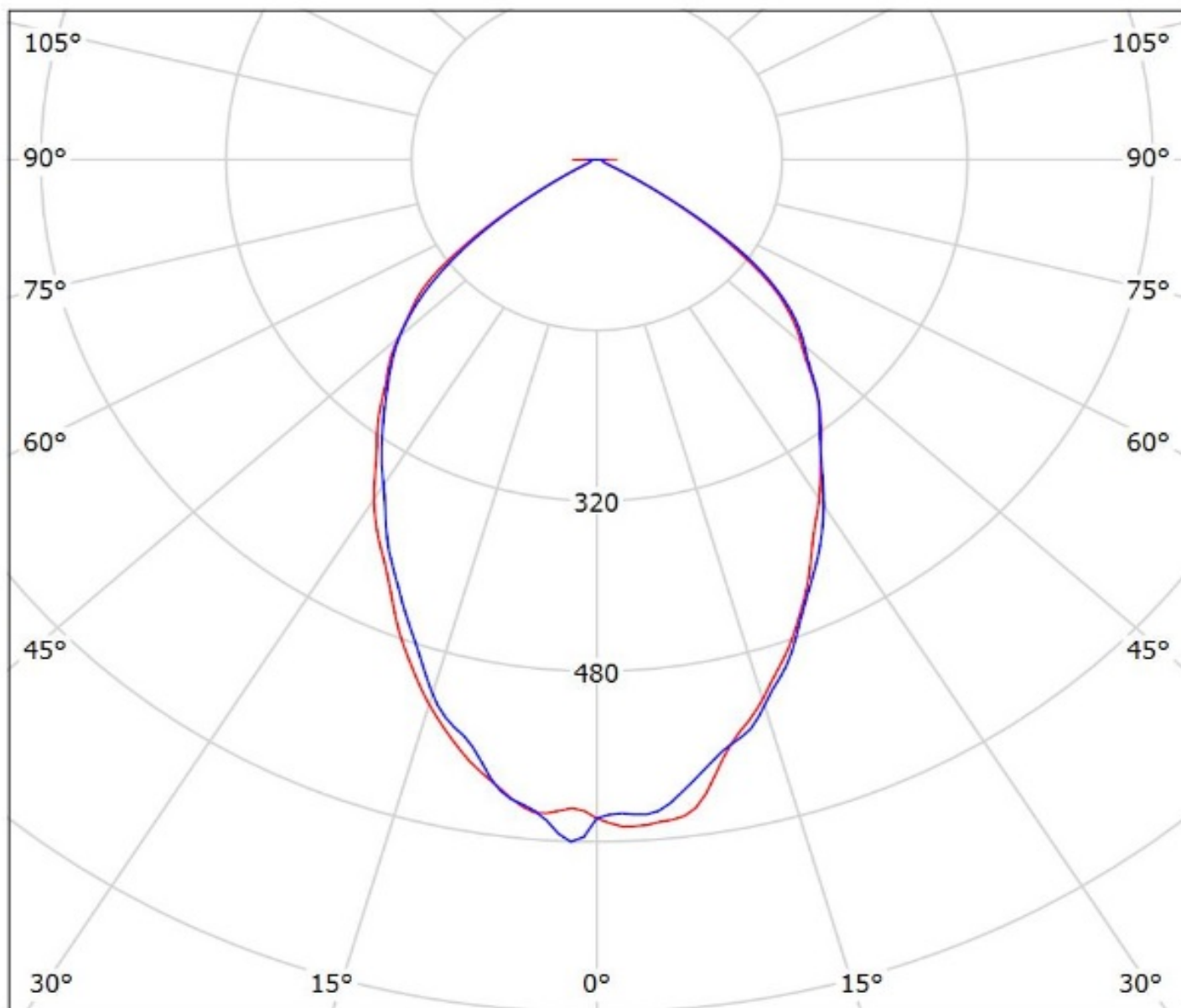


cd/klm

— C0 - C180 — C90 - C270

$\eta = 96\%$

Luminaire: Ledil Oy C15431_STRADELLA-16-HB-M_SIMULATED
Lamps: 1 x SAMSUNG_LH351C



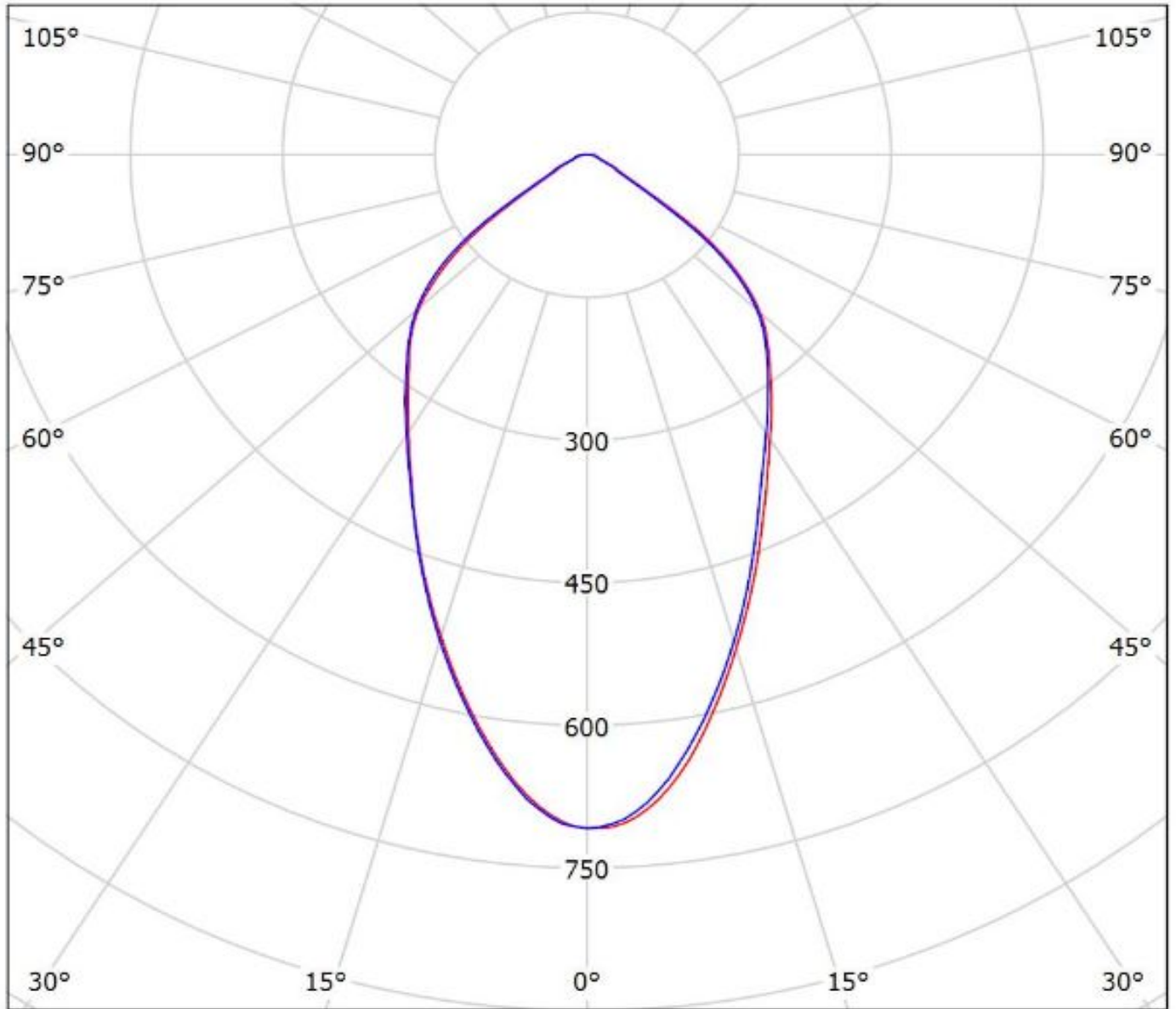
cd/klm

— C0 - C180 — C90 - C270

$\eta = 96\%$

Luminaire: Ledil C15431_STRADELLA-16-HB-M_(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

$\eta = 96\%$

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.