

DETAILS

Product Number	C15984_STRADELLA-8-HV-HB-M
Family	Stradella
Type	Lens array
Color	clear
Diameter	49,5+49,5 mm
Height	5,7 mm
Style	rectang
Optic Material	PMMA
Holder Material	
Fastening	pin, screw
Status	production ready
ROHS Compliant	Yes
Date Updated	5/06/2017



OPTICAL PROPERTIES

LED	Viewing	Light	Effi-		Connector
	Angle	Beam	ciency	cd/lm	
XP-G3	sim: 72	Medium	sim: 91 %	sim: 0.540	-
XT-E	sim: 58	Medium	sim: 91 %	sim: 0.622	-
XD16	64 deg	Medium	92 %	0.580	-
LUXEON 3535L HE	sim: 52	Medium	sim: 93 %	sim: 0.730	-
LUXEON TX	sim: 61	Medium	sim: 94 %	sim: 0.620	-
LUXEON HR30	sim: 54	Medium	sim: 93 %	sim: 0.750	-
NVSxx19B/NVSxx19C	sim: 65	Medium	sim: 91 %	sim: 0.630	-
LH181A	sim: 67	Medium	sim: 94 %	sim: 0.570	-
LH181B	sim: 59	Medium	sim: 94 %	sim: 0.700	-
Z8Y19	80 deg	Medium	91 %	0.510	-
Z8Y22	81 deg	Medium	91 %	0.510	-

H G F E D C B A

4

3

2

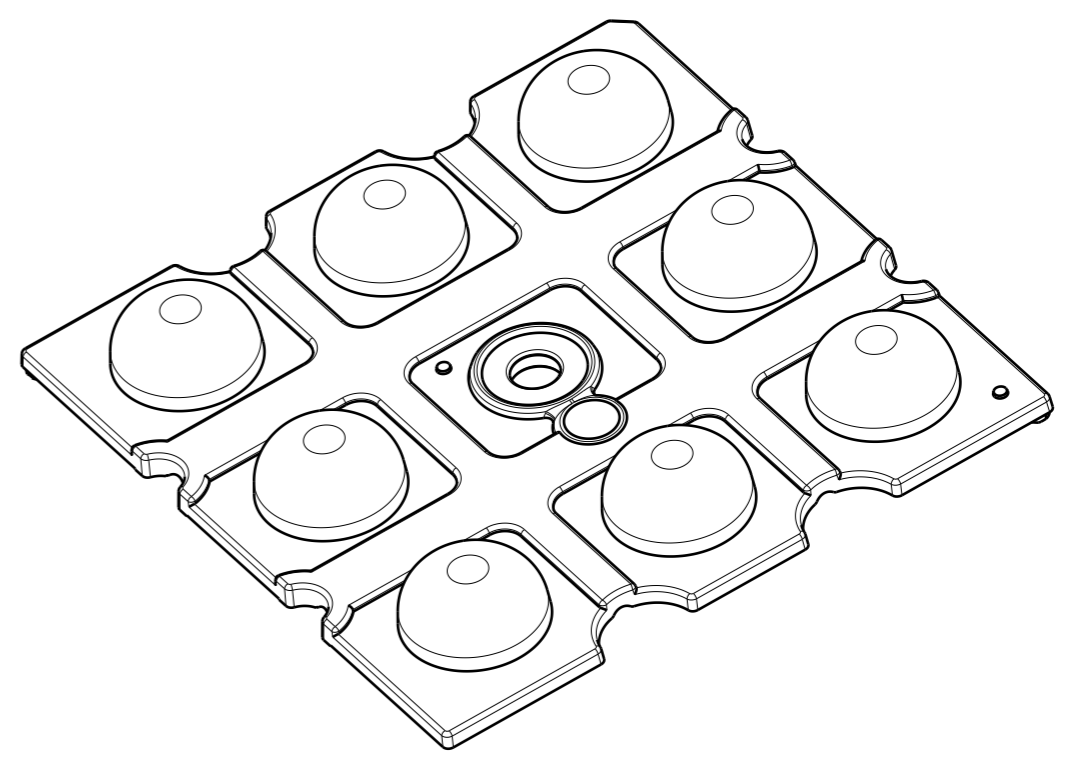
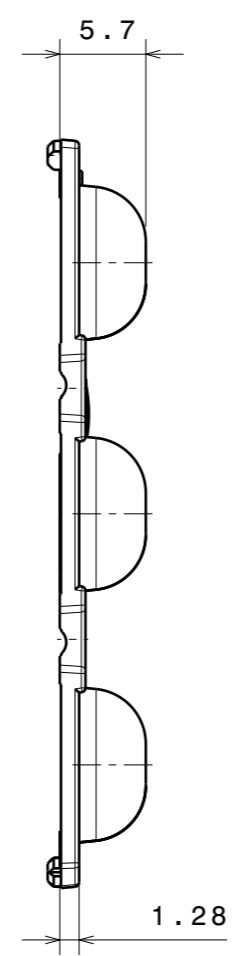
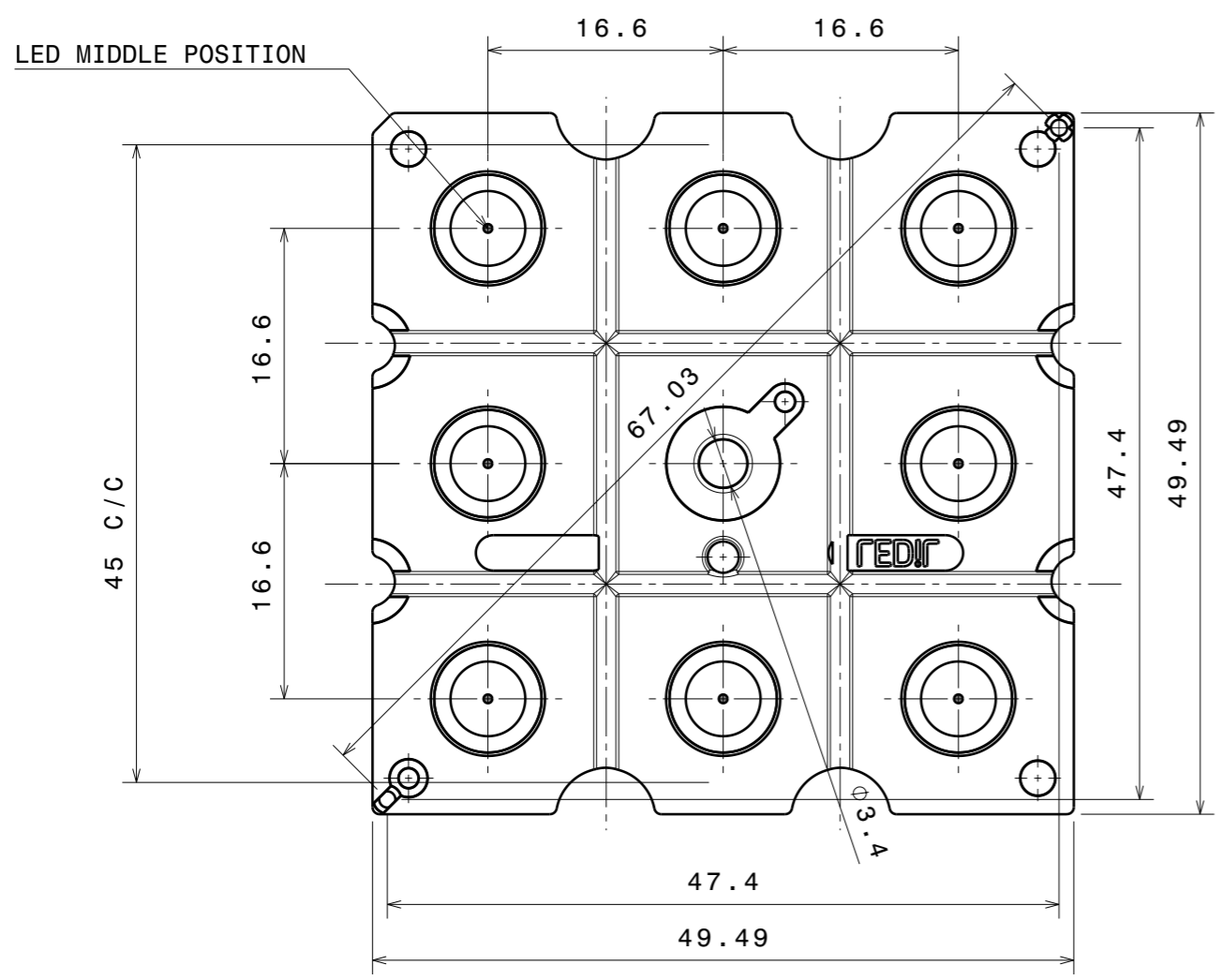
1

4

3

2

1



INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
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-HV-HB-M

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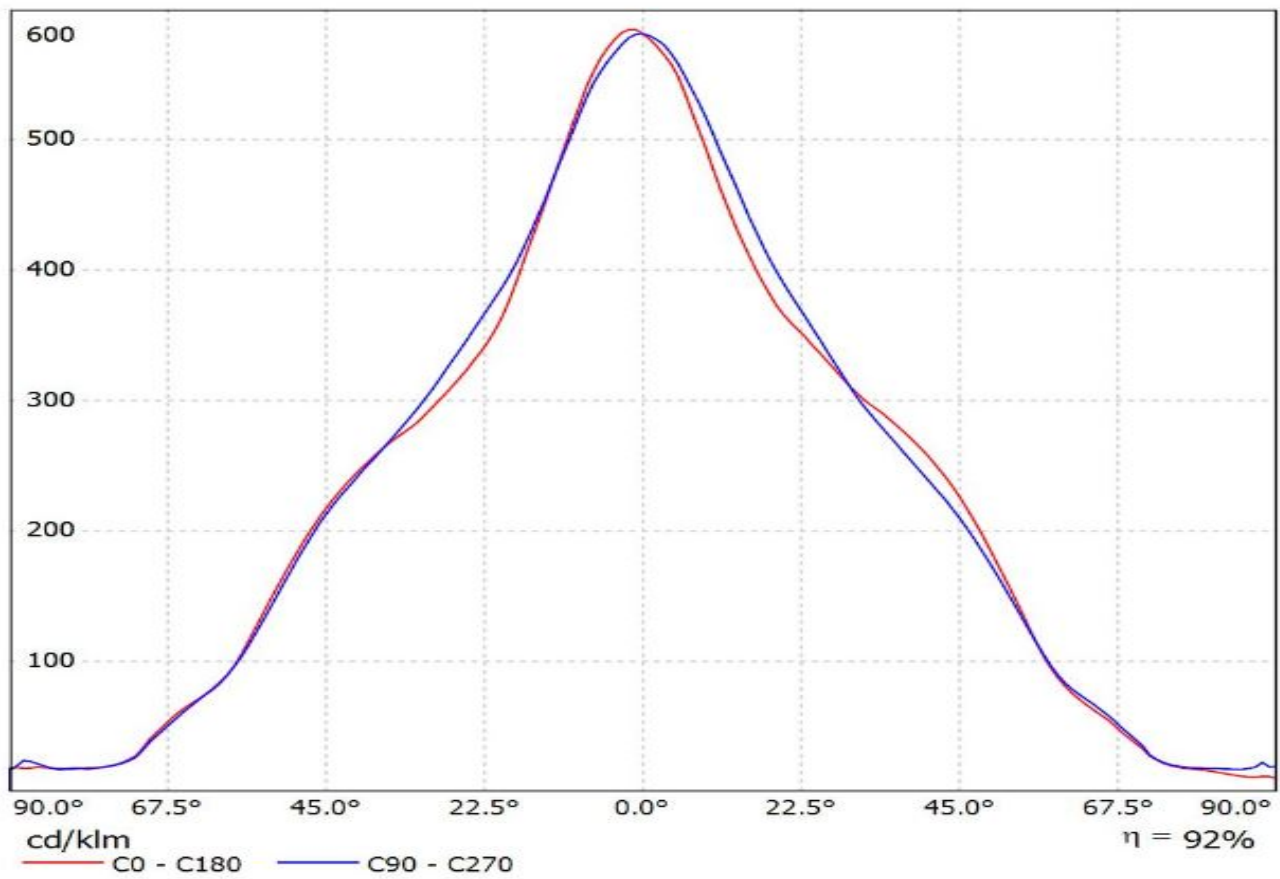
SIZE **A3** PART NUMBER -

SCALE 2:1 WEIGHT g SHEET 1/1

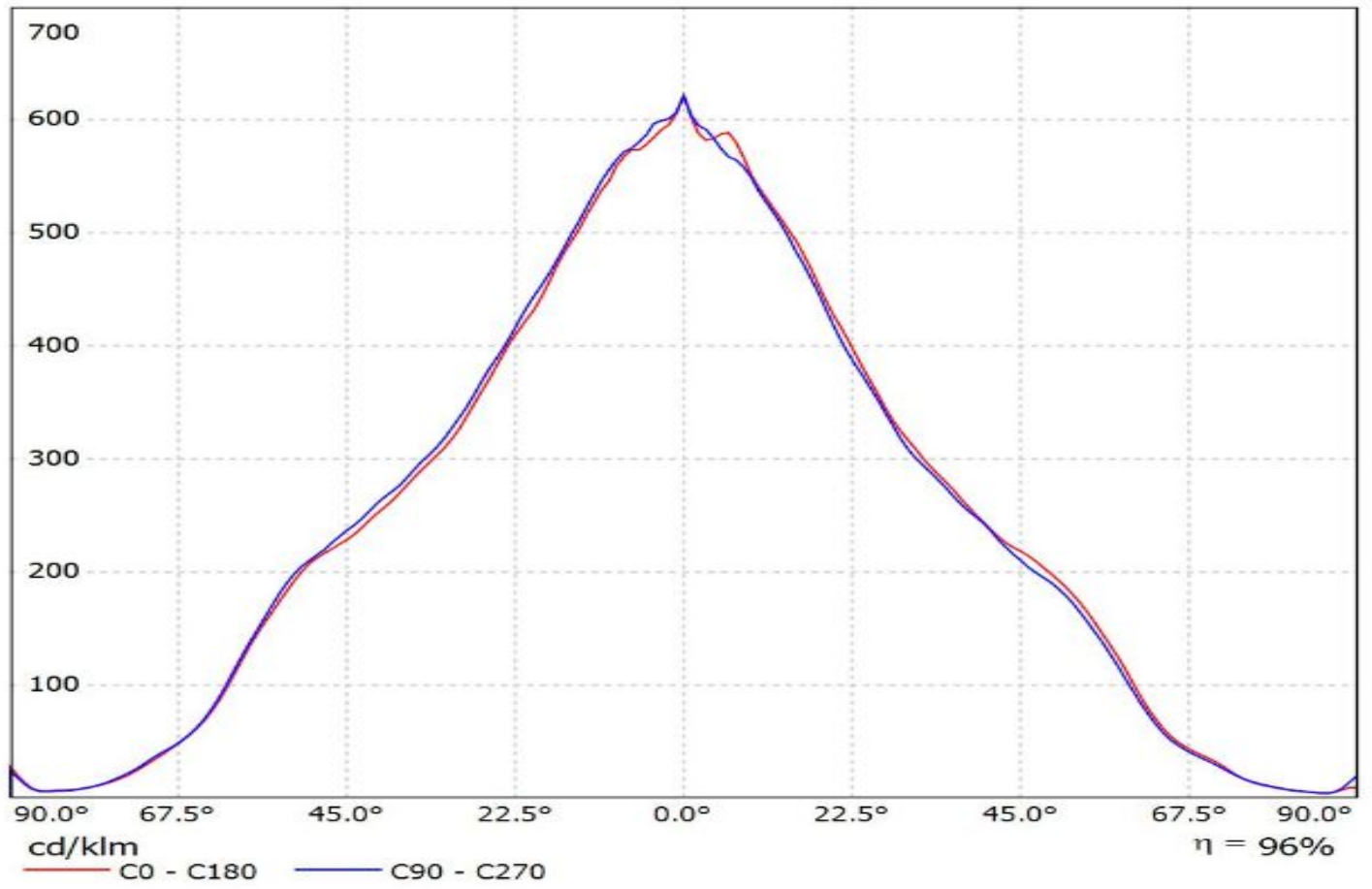
H G B A

Luminaire: Ledil C15984_STRADELLA-8-HV-HB-M_(XD16)

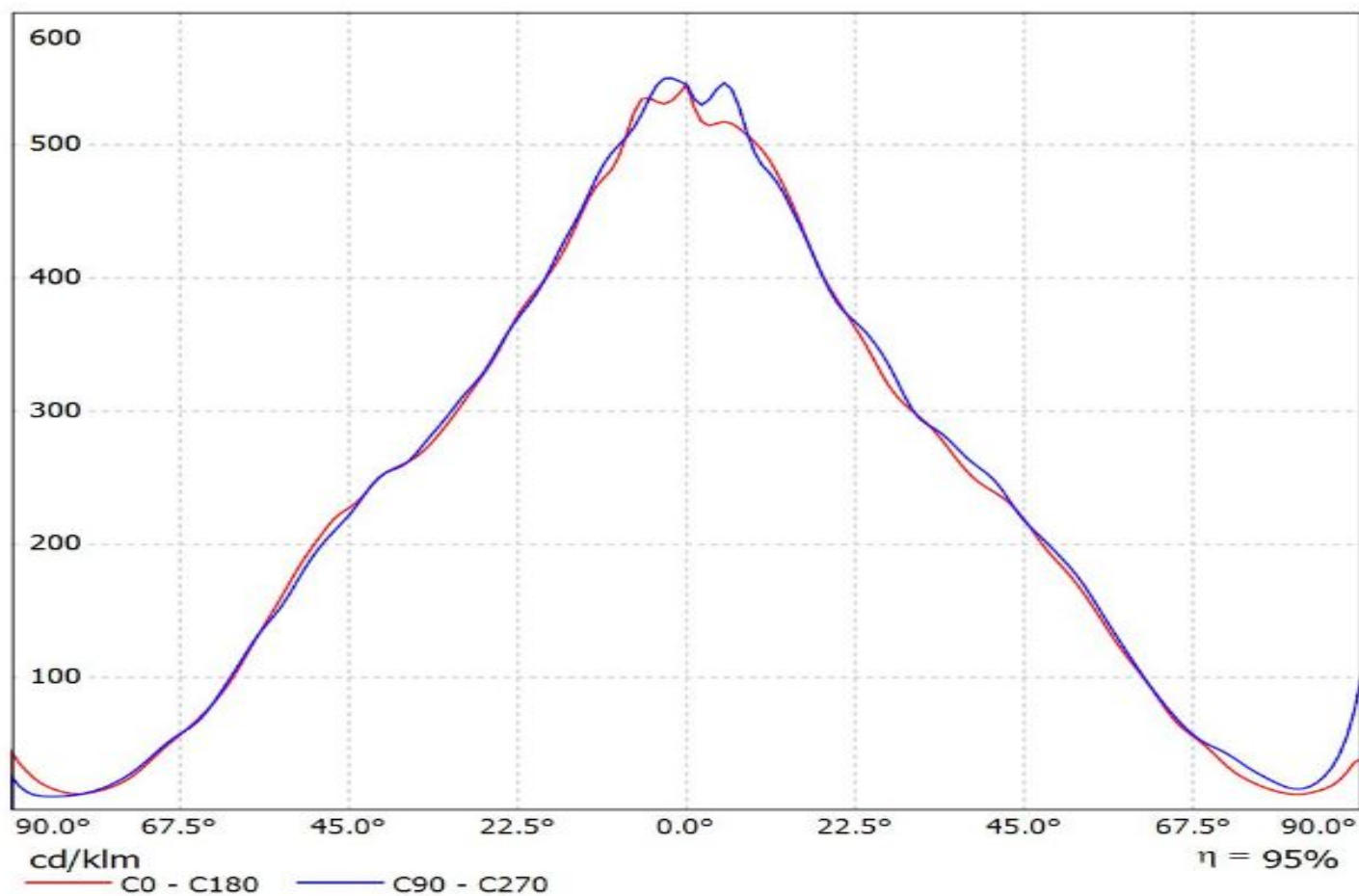
Lamps: 1 x Cree_XD16_(XD16AWT-H-2B0-S20-0B-002)_903.058lm@250mA_CCT=5700K_P5.51704=W_I=0.250A



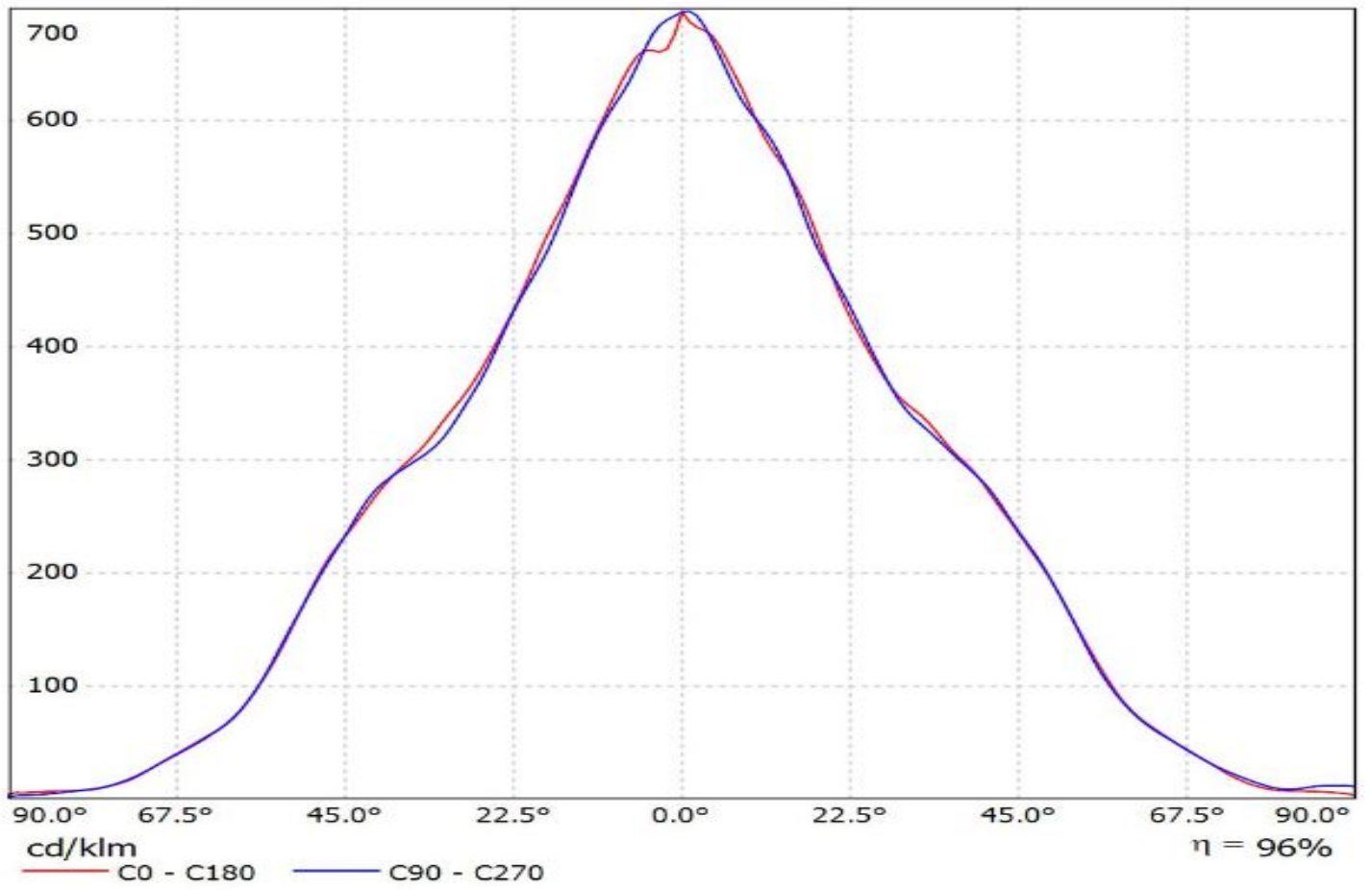
Luminaire: Ledil Oy C15984_STRADELLA-8-HV-HB-M_(Lumileds_LUXEON TX)_SIMULATED
Lamps: 1 x Lumileds_LUXEON TX



Luminaire: Ledil Oy C15984_STRADELLA-8-HV-HB-M_(LH181A)_SIMULATED
Lamps: 1 x Samsung LH181A

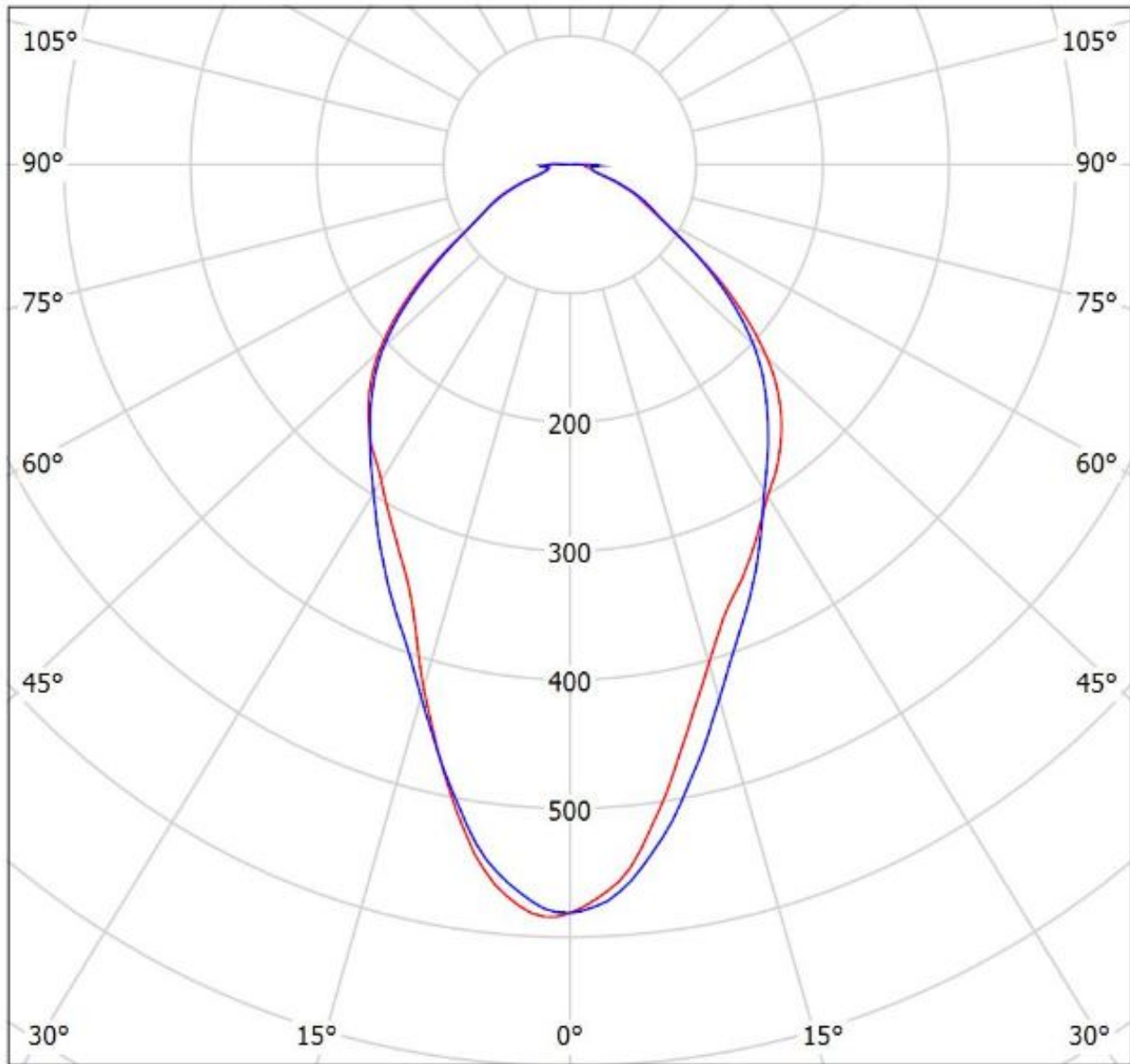


Luminaire: Ledil Oy C15984_STRADELLA-8-HV-HB-M_(LH181B)_SIMULATED
Lamps: 1 x Samsung LH181B



Luminaire: Ledil C15984_STRADELLA-8-HV-HB-M_(XD16)

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

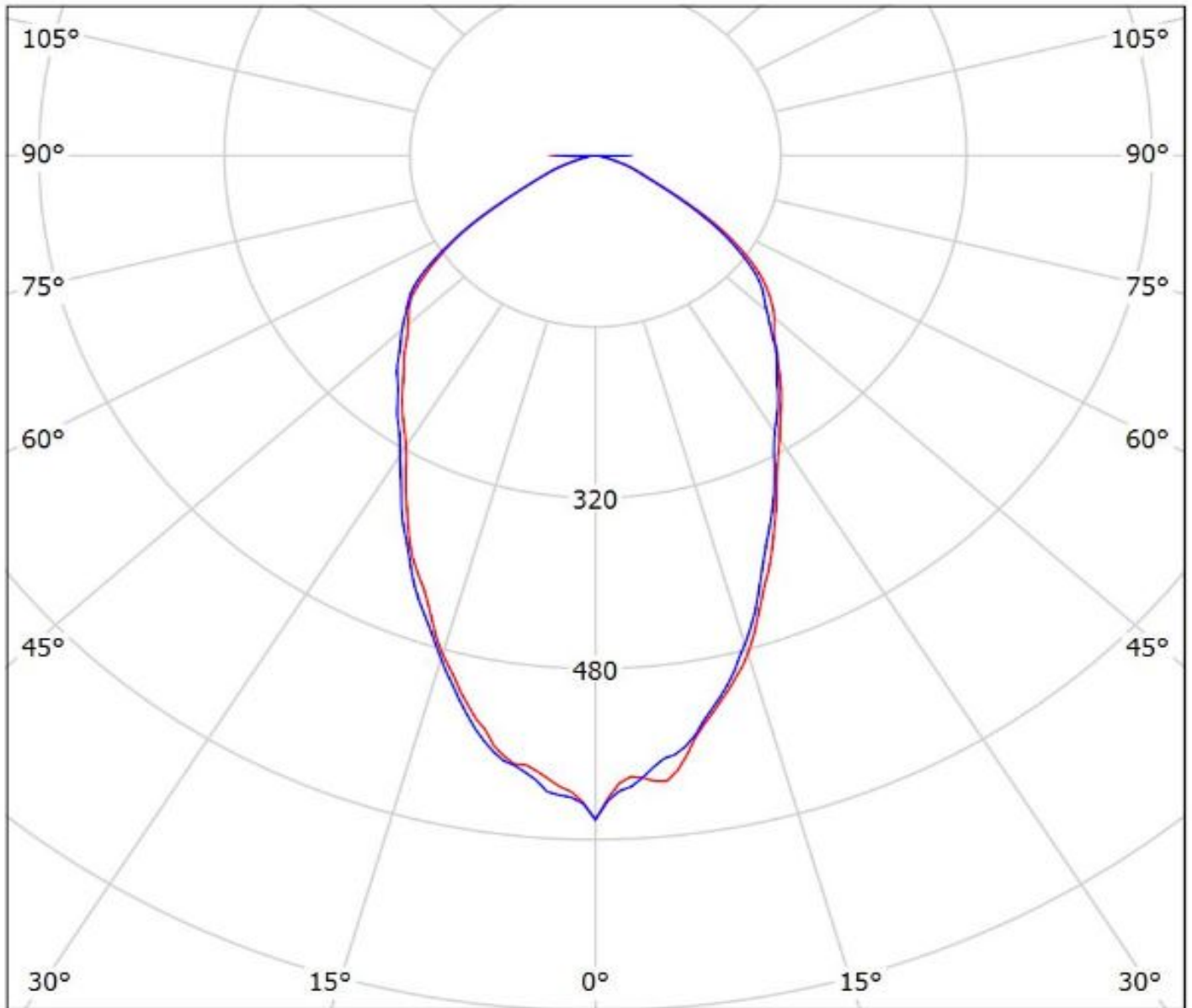


cd/klm

$\eta = 92\%$

— C0 - C180 — C90 - C270

Luminaire: Ledil Oy C15984_STRADELLA-8-HV-HB-M_(Lumileds_LUXEON TX)_SIMULATED
Lamps: 1 x Lumileds_LUXEON TX



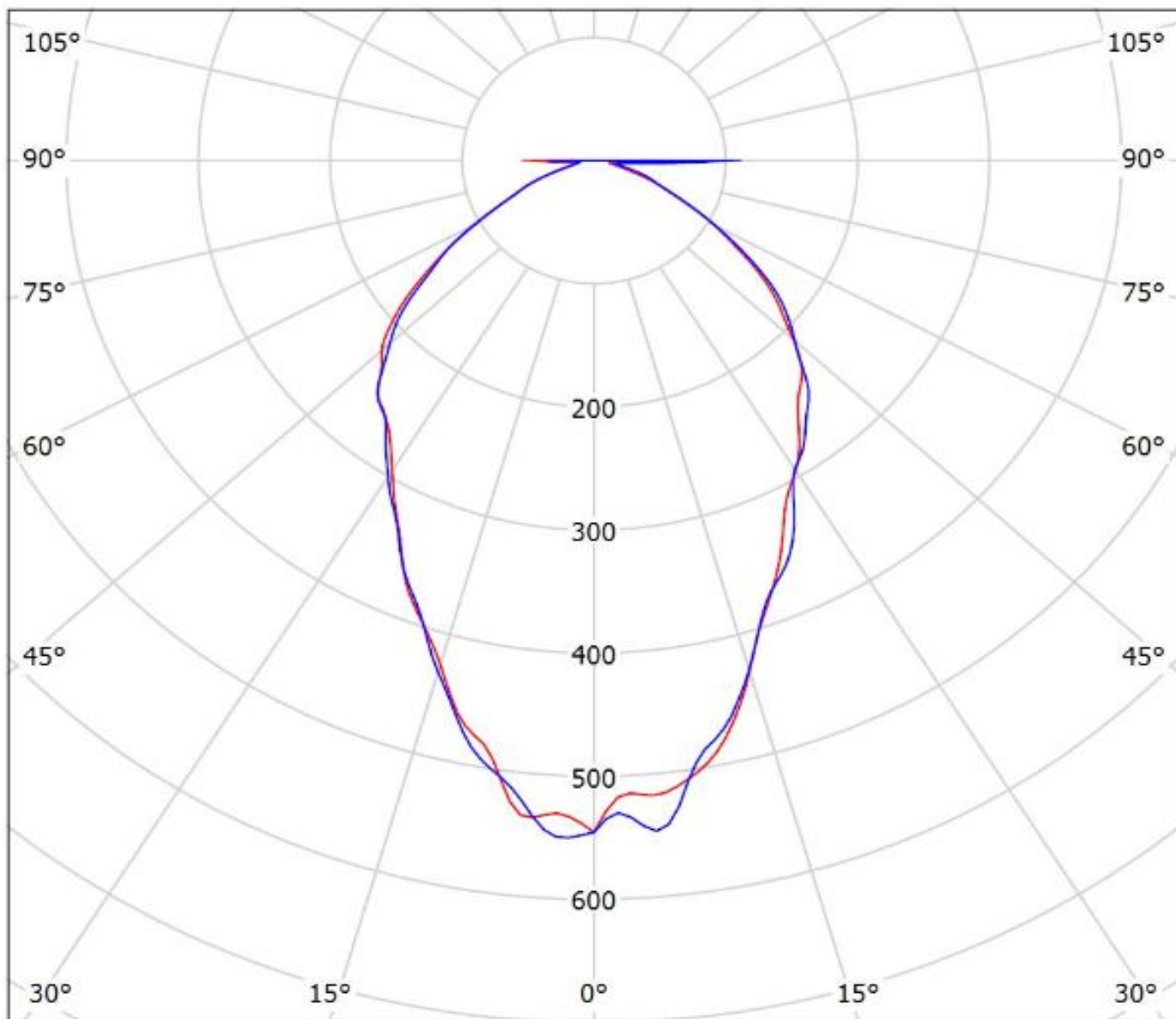
cd/klm

— C0 - C180 — C90 - C270

$\eta = 96\%$

Luminaire: Ledil Oy C15984_STRADELLA-8-HV-HB-M_(LH181A)_SIMULATED

Lamps: 1 x Samsung LH181A

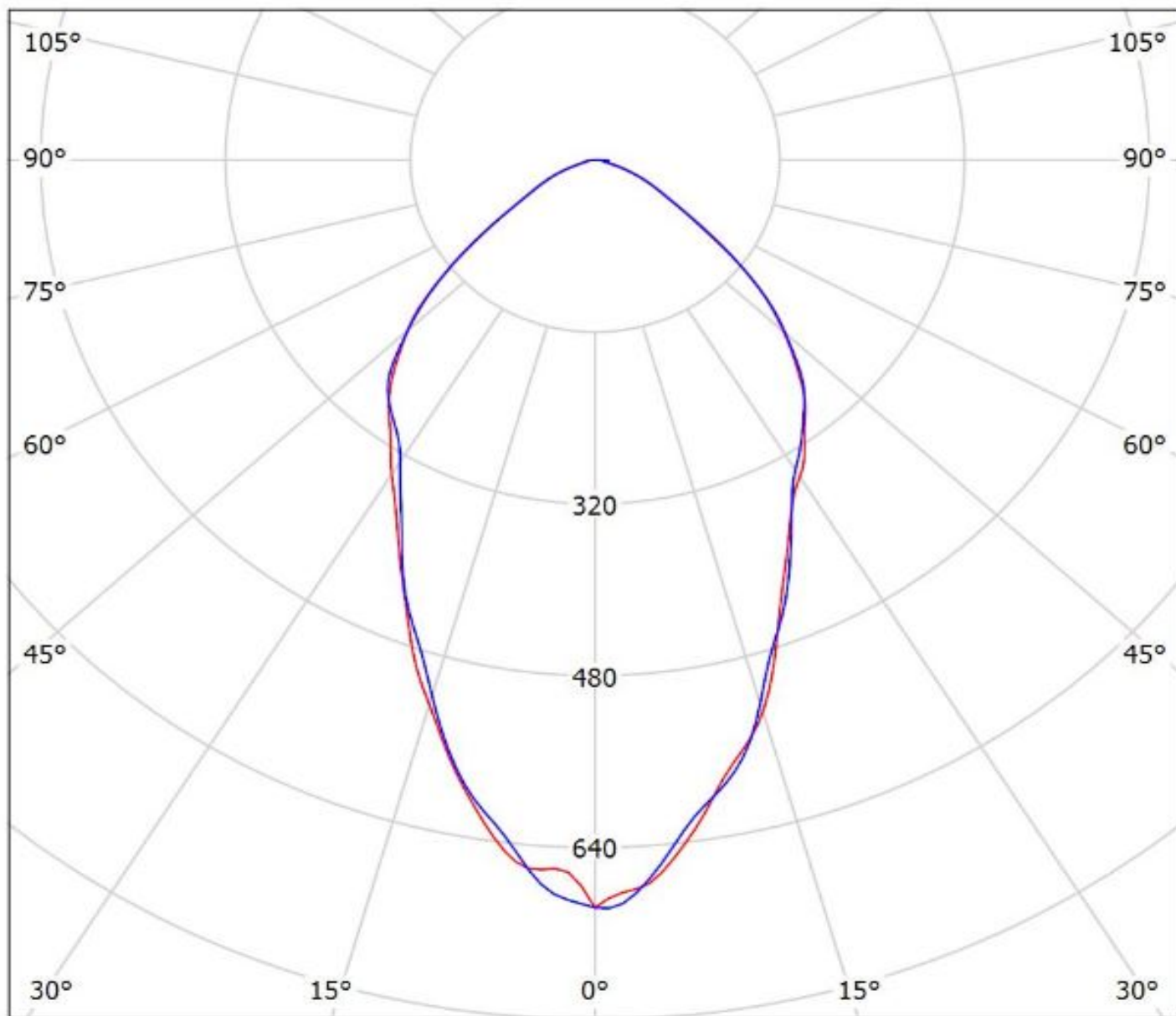


cd/klm

— C0 - C180 — C90 - C270

$\eta = 95\%$

Luminaire: Ledil Oy C15984_STRADELLA-8-HV-HB-M_(LH181B)_SIMULATED
Lamps: 1 x Samsung LH181B



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.