

## DETAILS

<b>Product Number</b>	FCN14648_JENNY-CY
<b>Family</b>	Jenny
<b>Type</b>	Pack
<b>Color</b>	black
<b>Diameter</b>	34,8+50 mm
<b>Height</b>	11,5 mm
<b>Style</b>	rectang
<b>Optic Material</b>	Silicone
<b>Holder Material</b>	
<b>Fastening</b>	screw
<b>Status</b>	production ready
<b>ROHS Compliant</b>	Yes
<b>Date Updated</b>	18/10/2016



## OPTICAL PROPERTIES

LED	Viewing Angle	Light Beam	Efficiency	cd/lm	Connector
V6 Gen6	110+110 deg	Wide-Area...	94 %	0.350	-
V8 Gen6	105+106 deg	Wide-Area...	94 %	0.400	-
V10 Gen6	103+101 deg	Wide-Area...	94 %	0.430	-
V10 Gen7	sim: 95+102	Wide-Area...	sim: 94 %	sim: 0.390	-
CLL01x	104+104 deg	Wide-Area...	94 %	0.443	-
CLL02x/CLU02x (LES10)	103+103 deg	Wide-Area...	93 %	0.400	-
CLU700/701	102+102 deg	Wide-Area...	93 %	0.470	-
XHP50	105+105 deg	Wide-Area...	94 %	0.420	-
CXA/B 13xx	105+105 deg	Wide-Area...	94 %	0.410	-
MK-R	105 deg	Wide-Area...	92 %	0.420	-
XM-L EZW	102+103 deg	Wide-Area...	94 %	0.460	-
LUXEON 5258	103+104 deg	Wide-Area...	94 %	0.490	-
LUXEON M/MX	105 deg	Wide-Area...	94 %	0.450	-
NSMx286M	105+104 deg	Wide-Area...	94 %	0.410	-
NV4x144A	107+107 deg	Wide-Area...	92 %	0.460	-
Duris S8	102+102 deg	Wide-Area...	94 %	0.520	-
Duris S10	108 deg	Wide-Area...	94 %	0.350	-
Soleriq P6	106+107 deg	Wide-Area...	94 %	0.400	-
Soleriq P9	106+106 deg	Wide-Area...	94 %	0.390	-
Duris P10	sim: 100	Wide-Area...	sim: 93 %	sim: 0.540	-
COB D Series LES 9.8 mm	106+106 deg	Wide-Area...	94 %	0.370	-
MJT COB LES 9.8	105+105 deg	Wide-Area...	93 %	0.360	-
MJT COB LES 6	111+111 deg	Wide-Area...	91 %	0.360	-
SLE G5 LES6	108+108 deg	Wide-Area...	93 %	0.400	-
SLE G5 LES11	106+106 deg	Wide-Area...	91 %	0.350	-



# PRODUCT DATASHEET

## Jenny series

last update 18/10/2016

### OPTICAL PROPERTIES

LED	Viewing Angle	Light Beam	Effi- ciency	cd/lm	Connector
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D

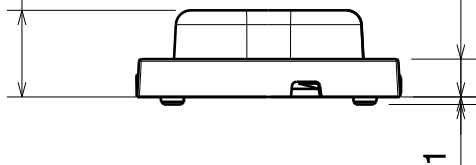
C

B

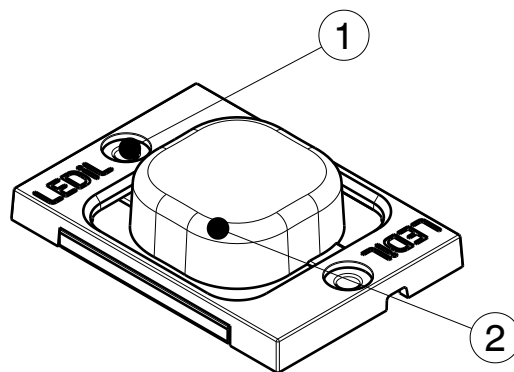
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4

11.45

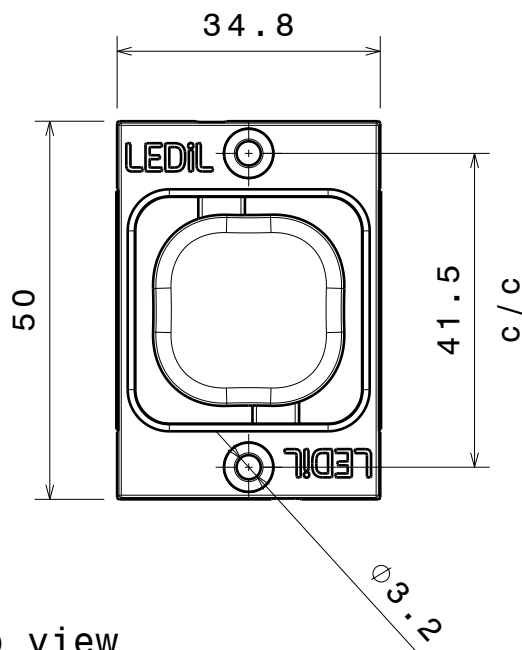


Front view

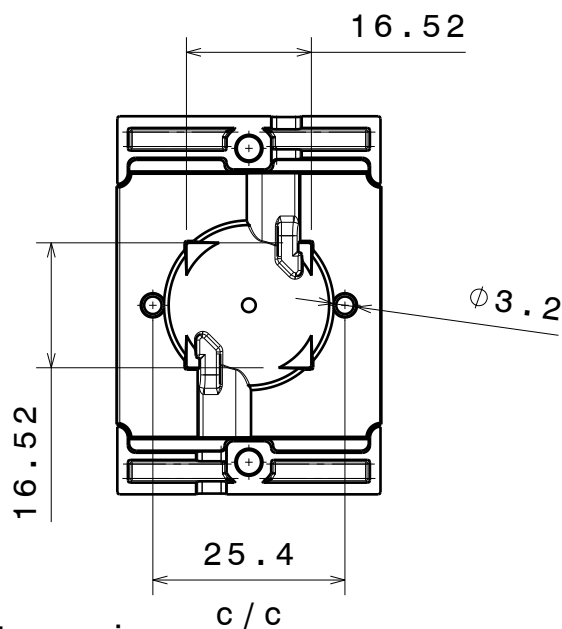


Isometric view

3



Top view



Bottom view

2

2

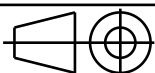
INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	C14436	JENNY-HLD-A-BLK	PC	black
2	F14531	JENNY-CY	Optical grade LSR	clear

Tolerances if not otherwise shown  
According to DIN ISO 2768-1  
Linear measures: class V  
Please note that due to the elasticity of  
products made of silicone actual measured  
values may vary, and therefore typical  
tolerance values may not be applied.

LEDiL

Ledil Oy  
Salorankatu 10  
FIN 24240 SALO  
Finland

THIRD ANGLE PROJECTION:



DRAWING TITLE

FCN14648\_JENNY-CY

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of LEDiL Oy. It may not be  
reproduced, copied or  
communicated without a written  
agreement with LEDiL Oy.

SIZE PART NUMBER

A4

FCN14648

SCALE 1:1 WEIGHT 9,02 g SHEET 1/1

D

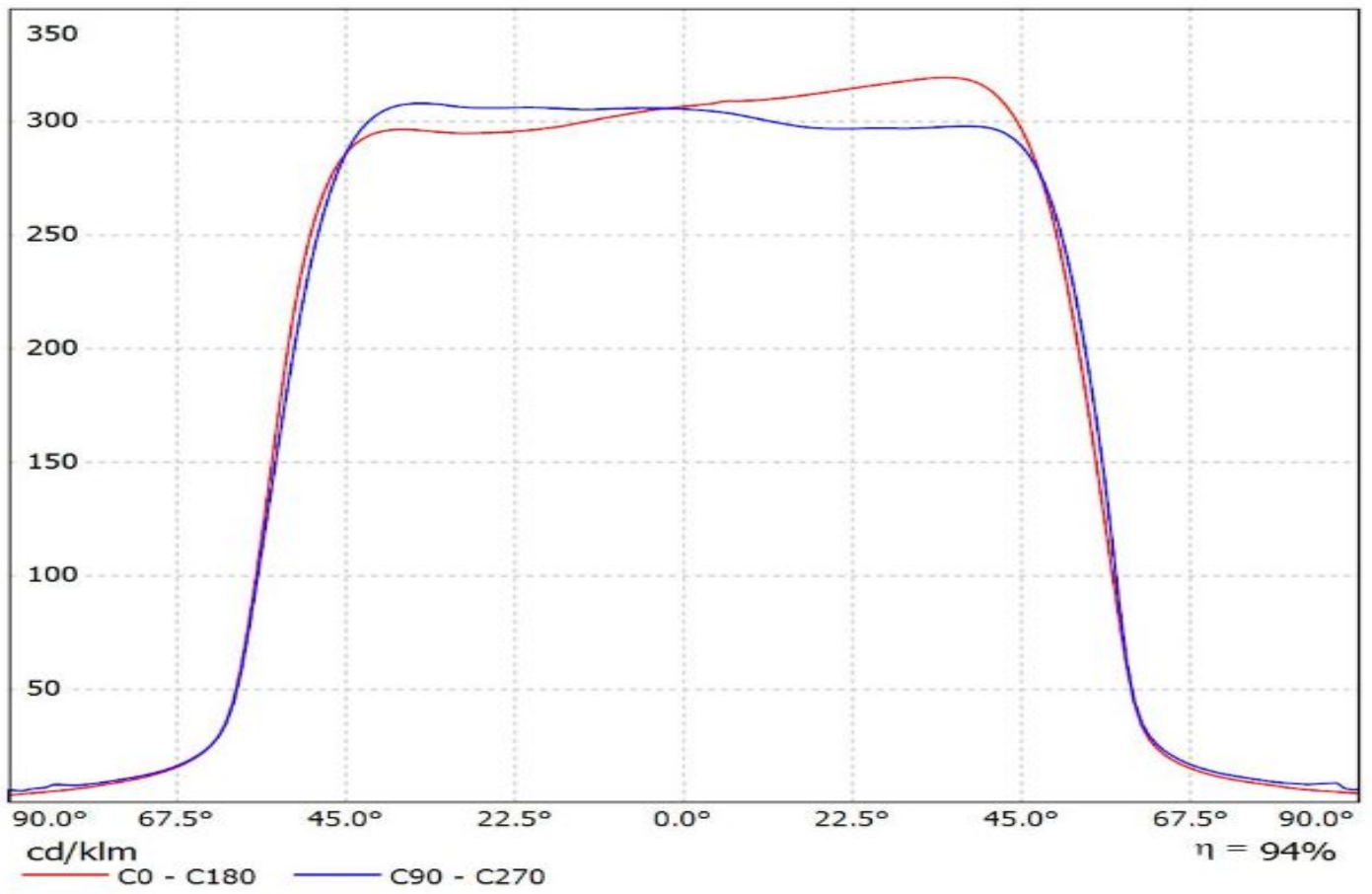
A

1

1

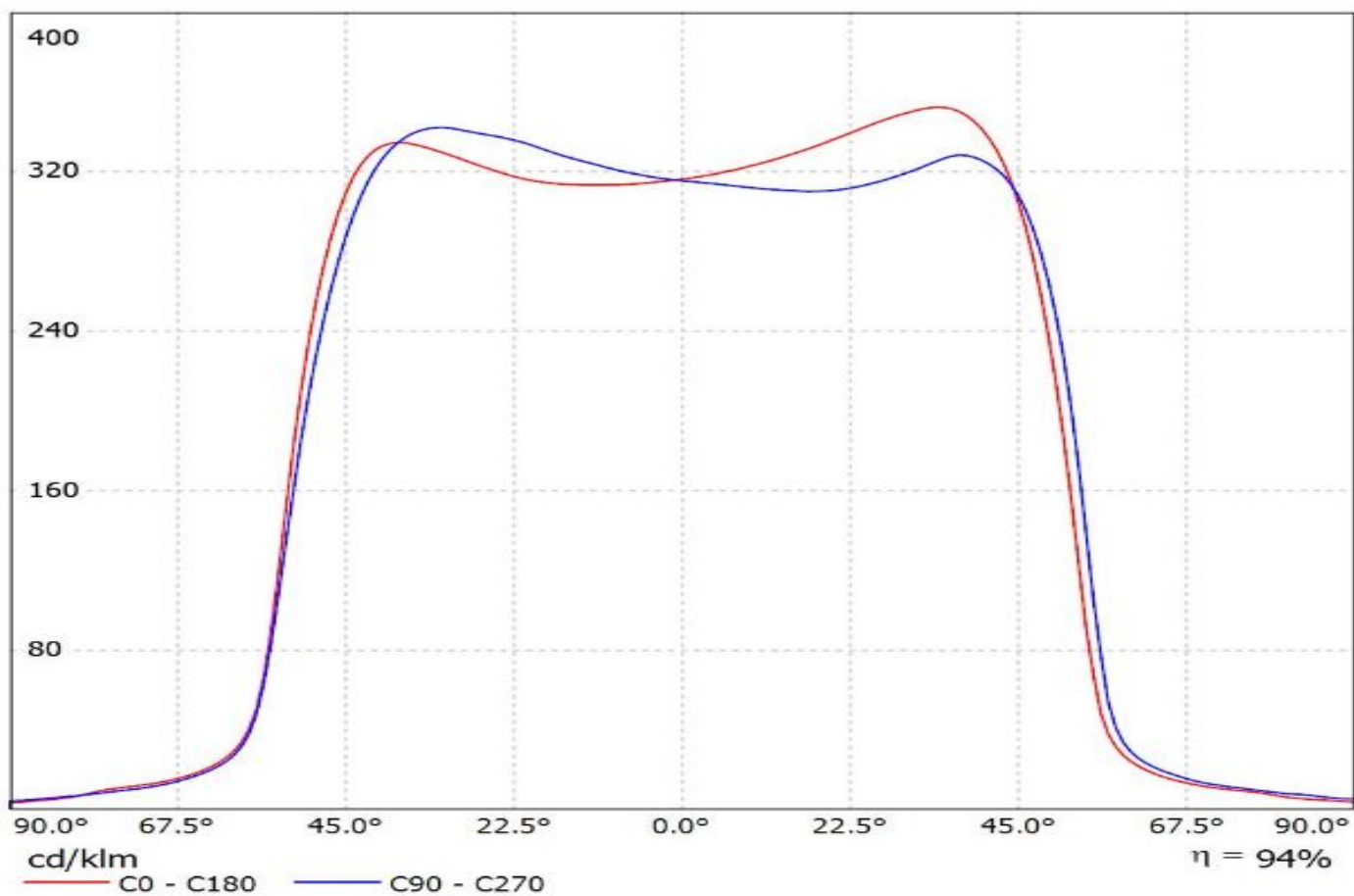
Luminaire: LEDiL Oy FCN14648\_JENNY-CY\_(V6)

Lamps: 1 x BRIDGELUX\_V6\_447.582lm@250mA\_P=5.15119W\_I=249.9mA



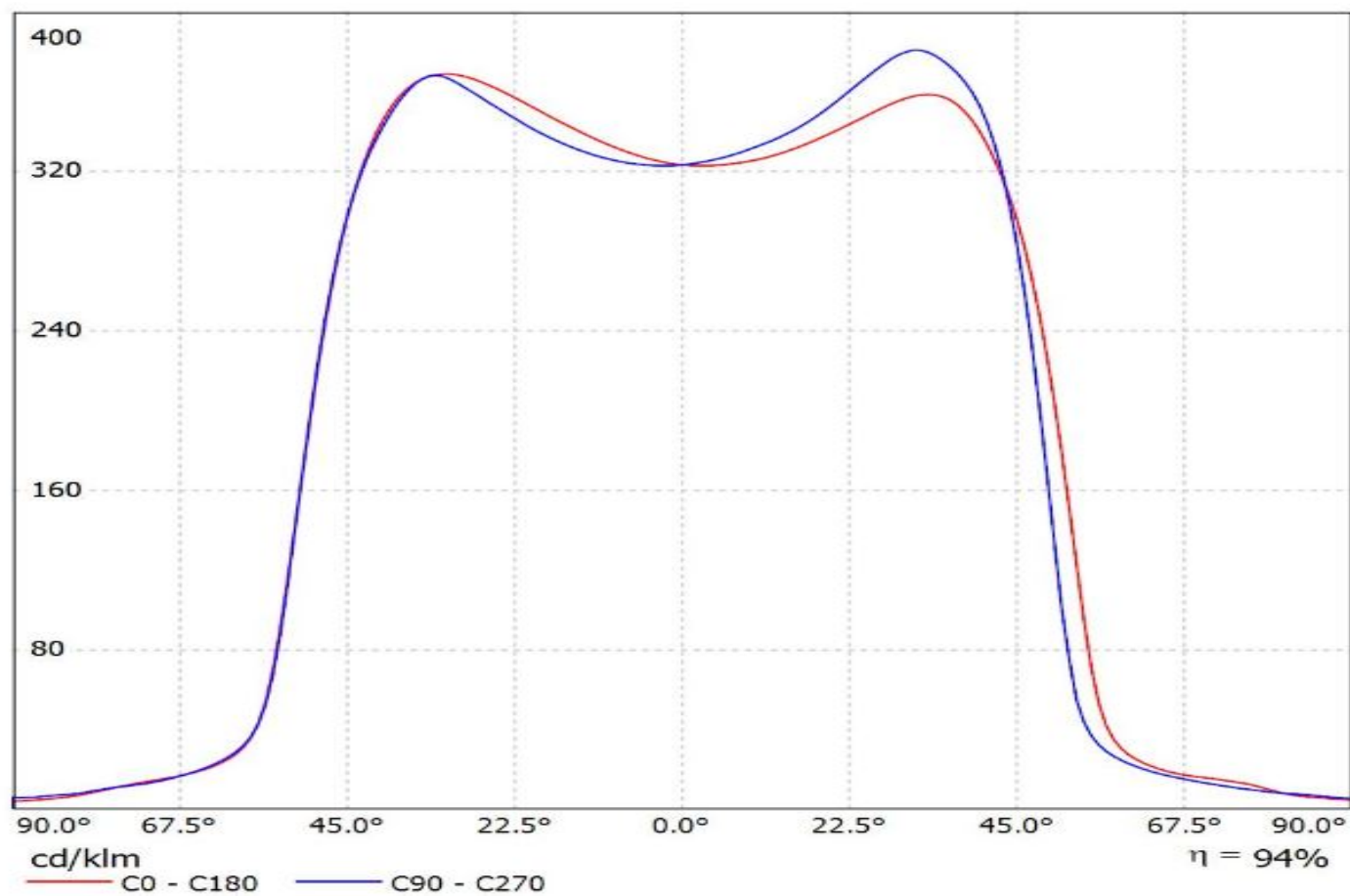
Luminaire: LEDiL Oy FCN14648\_JENNY-CY\_(V8)

Lamps: 1 x BRIDGELUX\_V8\_871.869lm@250mA\_P=8.88614W\_I=249.8mA

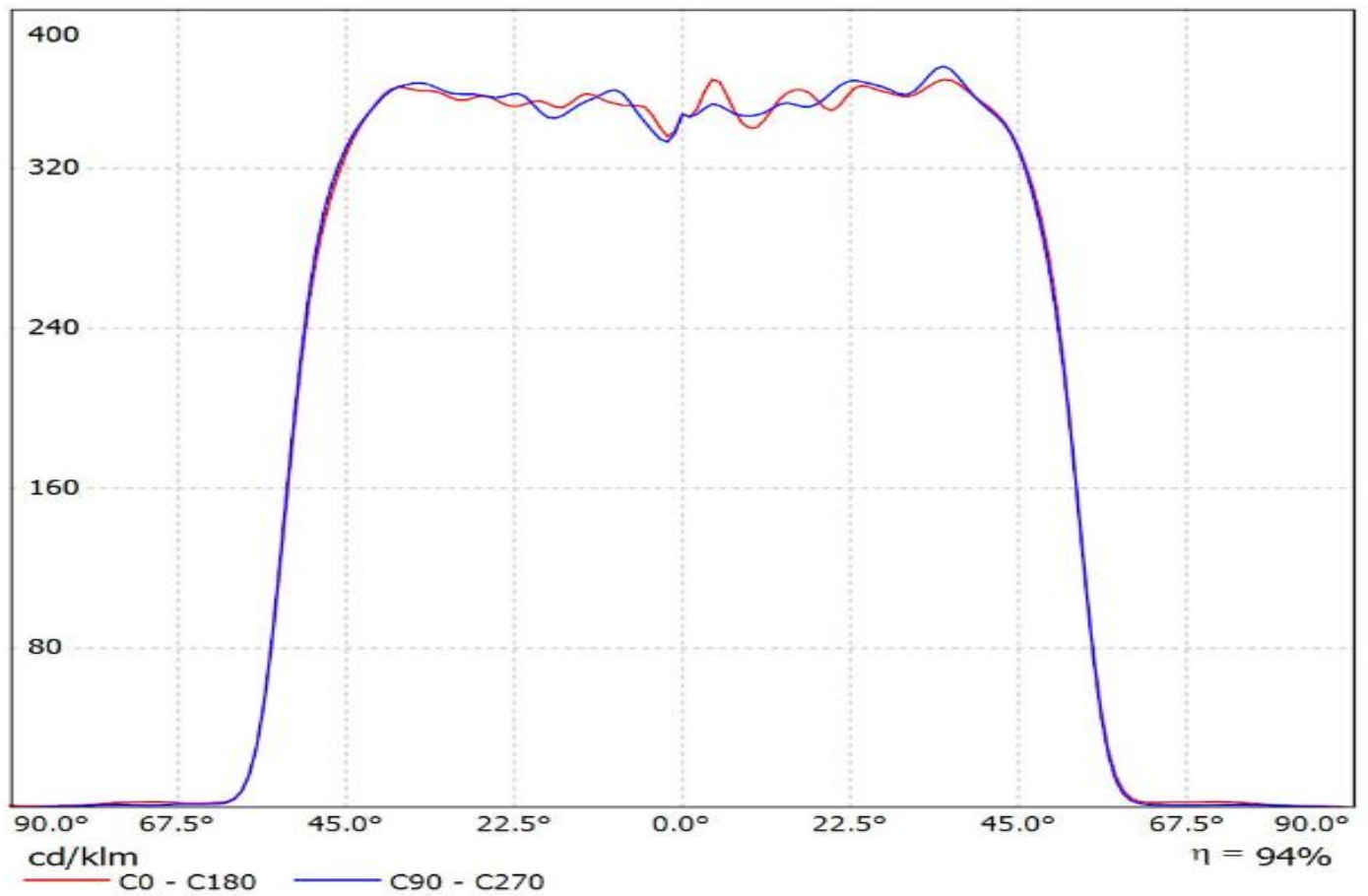


Luminaire: LEDiL Oy FCN14648\_JENNY-CY\_(V10)

Lamps: 1 x BRIDGELUX\_V10\_(BXRE-30E1000B-X2)\_763.702lm@250mA\_P=6.32922W\_I=249.9mA

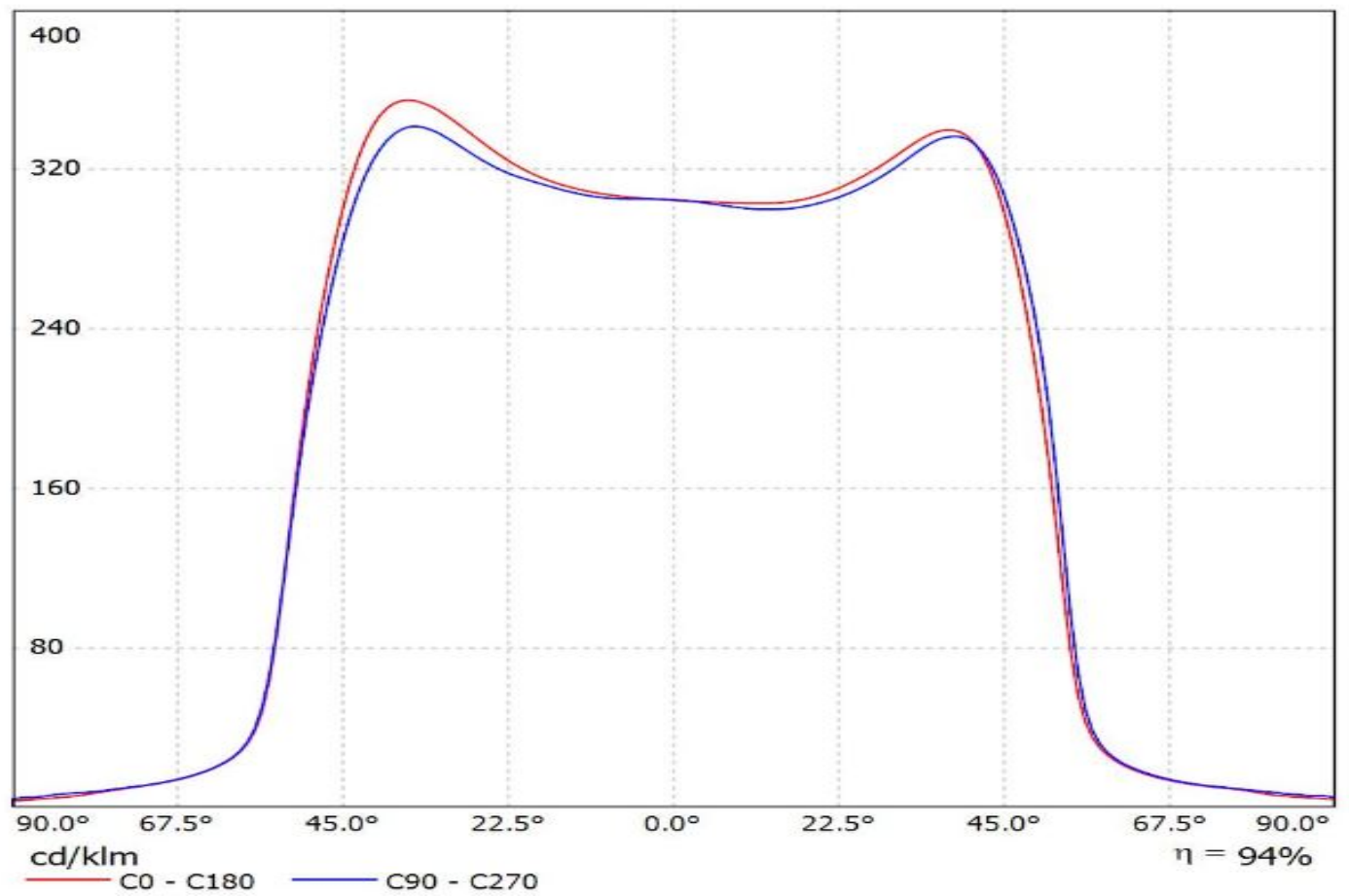


Luminaire: Ledil Oy FCN14648\_JENNY-CY\_BRIDGELUX\_V10\_Gen7\_SIMULATED  
Lamps: 1 x BRIDGELUX V10 Gen7



Luminaire: LEDiL Oy FCN14648\_JENNY-CY\_(CLL010)

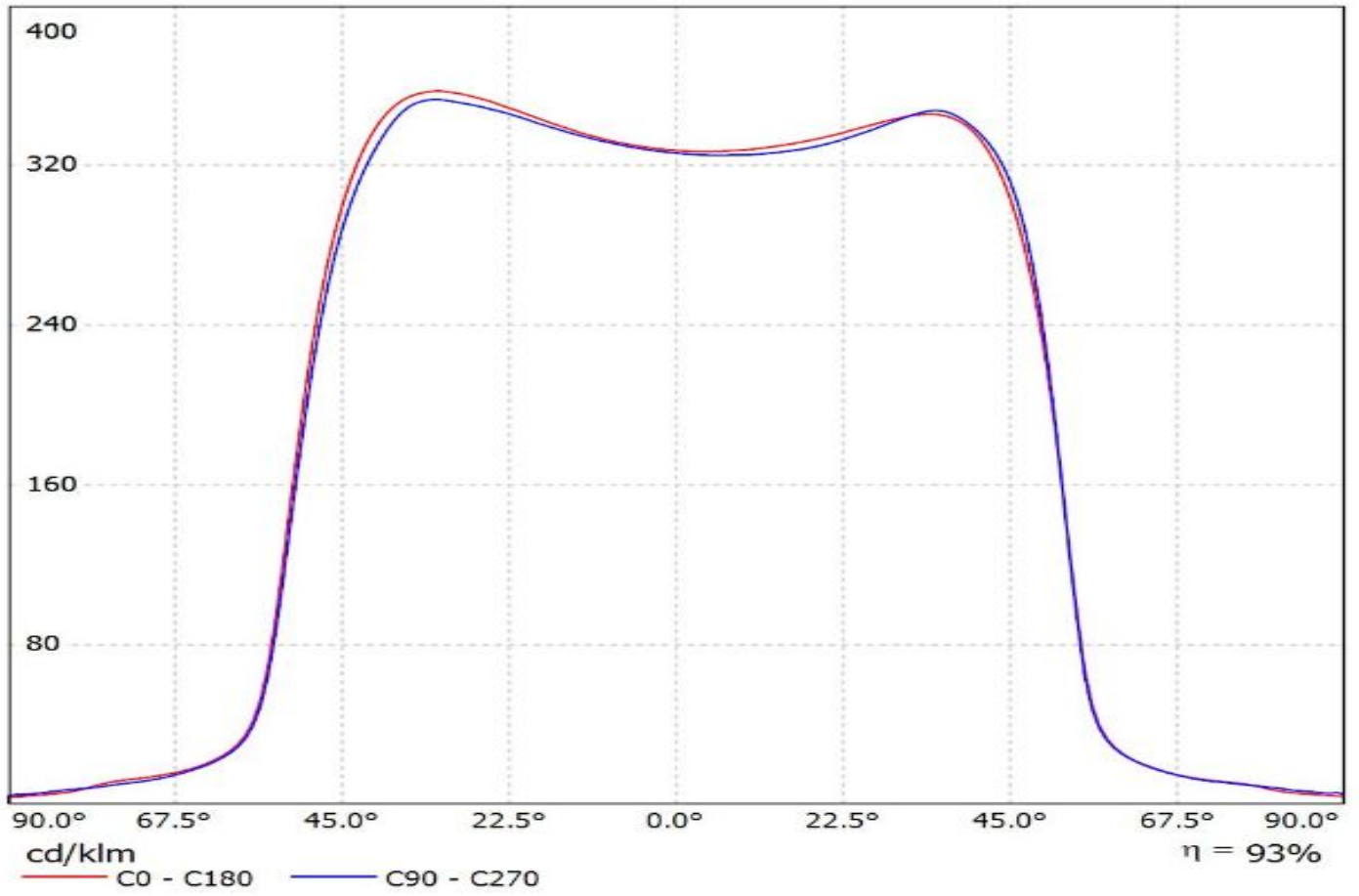
Lamps: 1 x CITIZEN\_CLL010\_(CLL010-0305A1-303M1A2)\_206.314lm@250mA\_P=2.27184W\_I=249.9mA



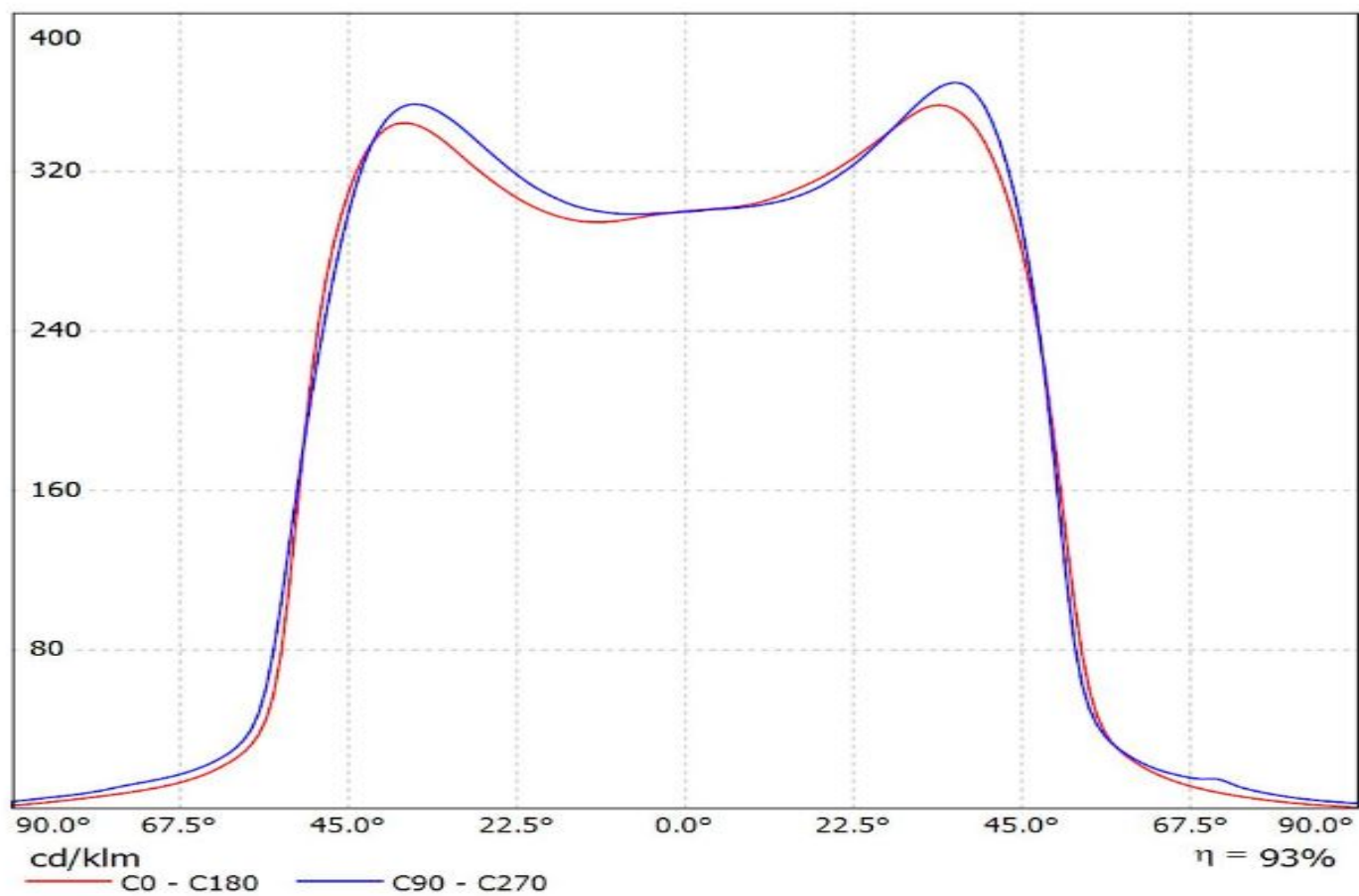


Luminaire: LEDiL Oy FCN14648\_JENNY-CY\_(CLL022)

Lamps: 1 x CITIZEN\_CLL022\_(CLL022-1204A5-030H7E1)\_748.012lm@250mA\_P=8.70803W\_I=249.8mA



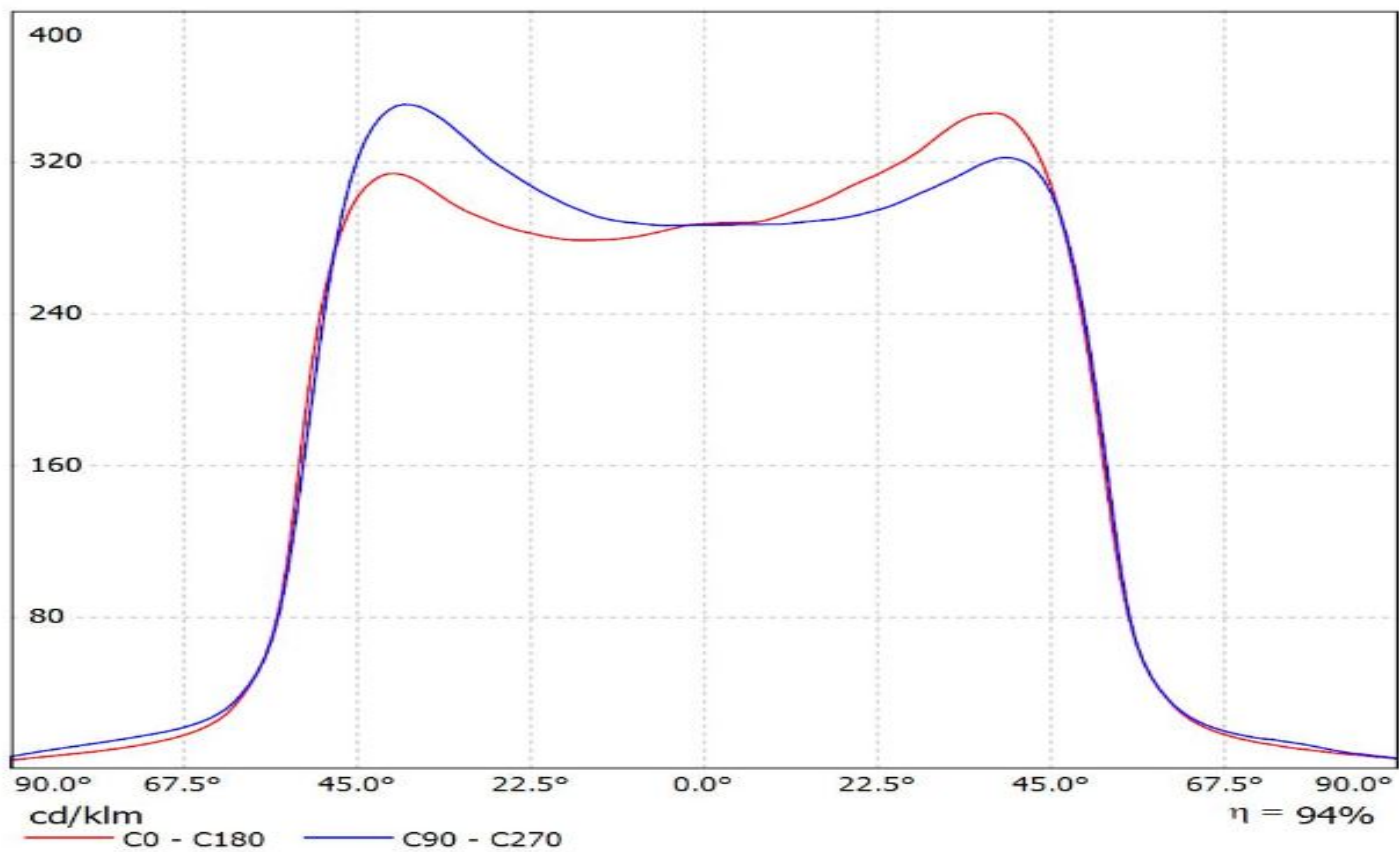
Luminaire: Ledil FCN14648\_JENNY-CY\_(CLU700)  
Lamps: 1 x Citizen\_CLU700\_394.637lm@100mA\_P=2.8W\_I=0.10A



# Ledil F14531\_JENNY-CY\_(XHP50) / LDC (Linear)

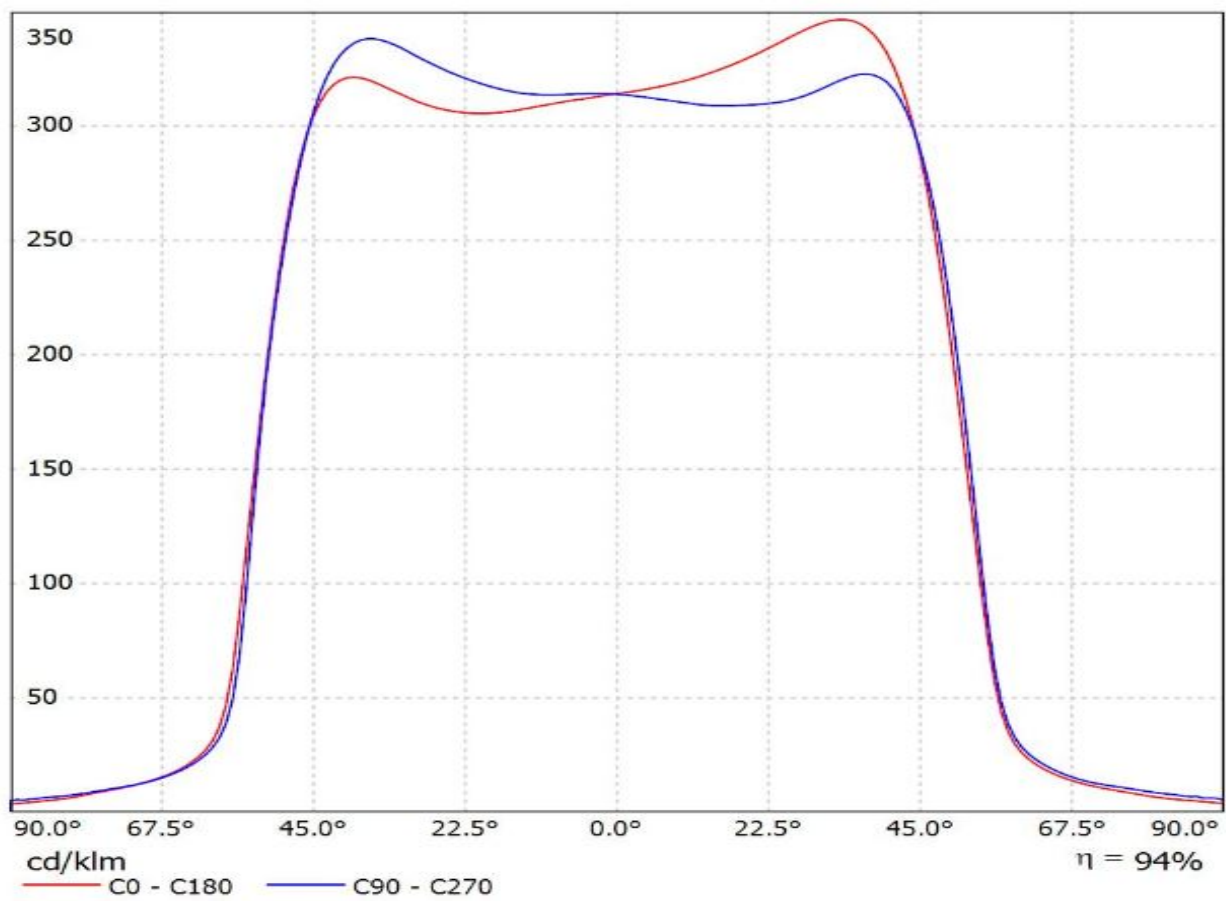
Luminaire: Ledil F14531\_JENNY-CY\_(XHP50)

Lamps: 1 x XHP50\_warm\_white\_210.85lm@250mA\_P=1.4W\_I=0.25A



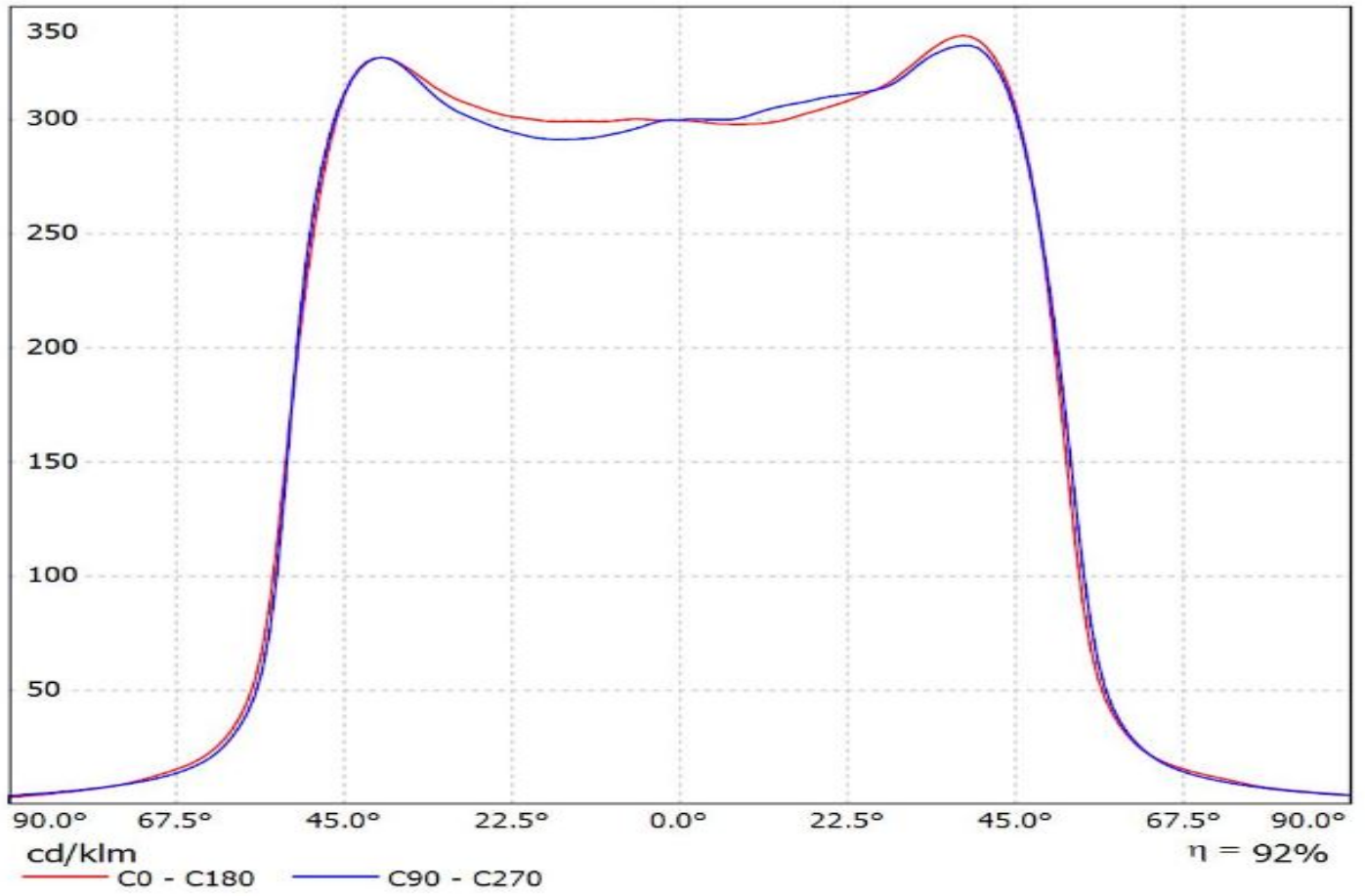
Luminaire: LEDiL Oy FCN14648\_JENNY-CY\_(CXA1310)

Lamps: 1 x CREE\_CXA1310\_(CXA1310-30H-G4-F0Y-00001)\_367.9lm@250mA\_CCT=3000K\_P=4.22112W\_I=249.8mA

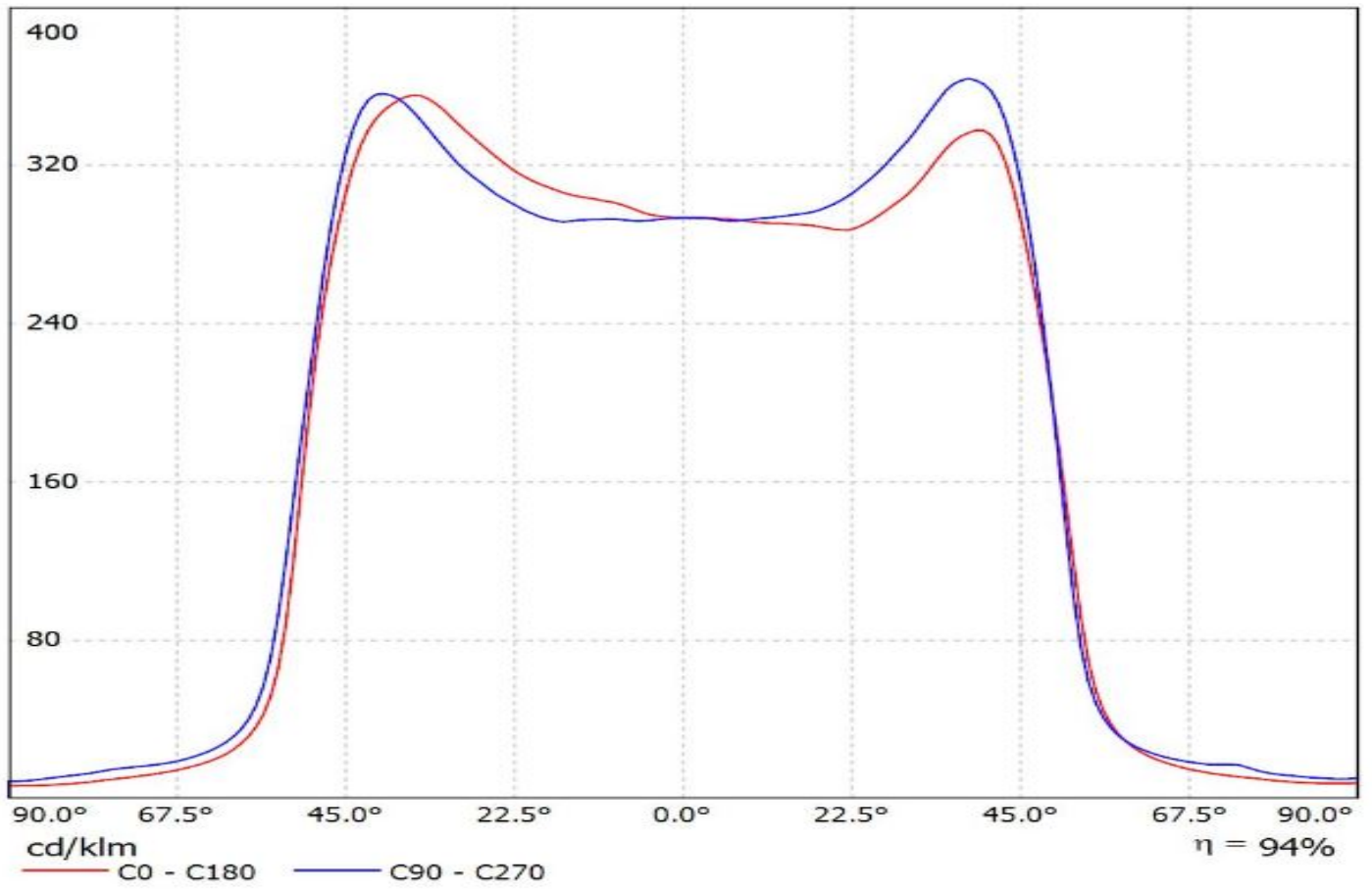


Luminaire: LEDiL Oy FCN14648\_JENNY-CY\_(MK-R)

Lamps: 1 x MK-R\_353.258lm@250mA\_CCT=3276K\_P=2.84836W\_I=249.9mA

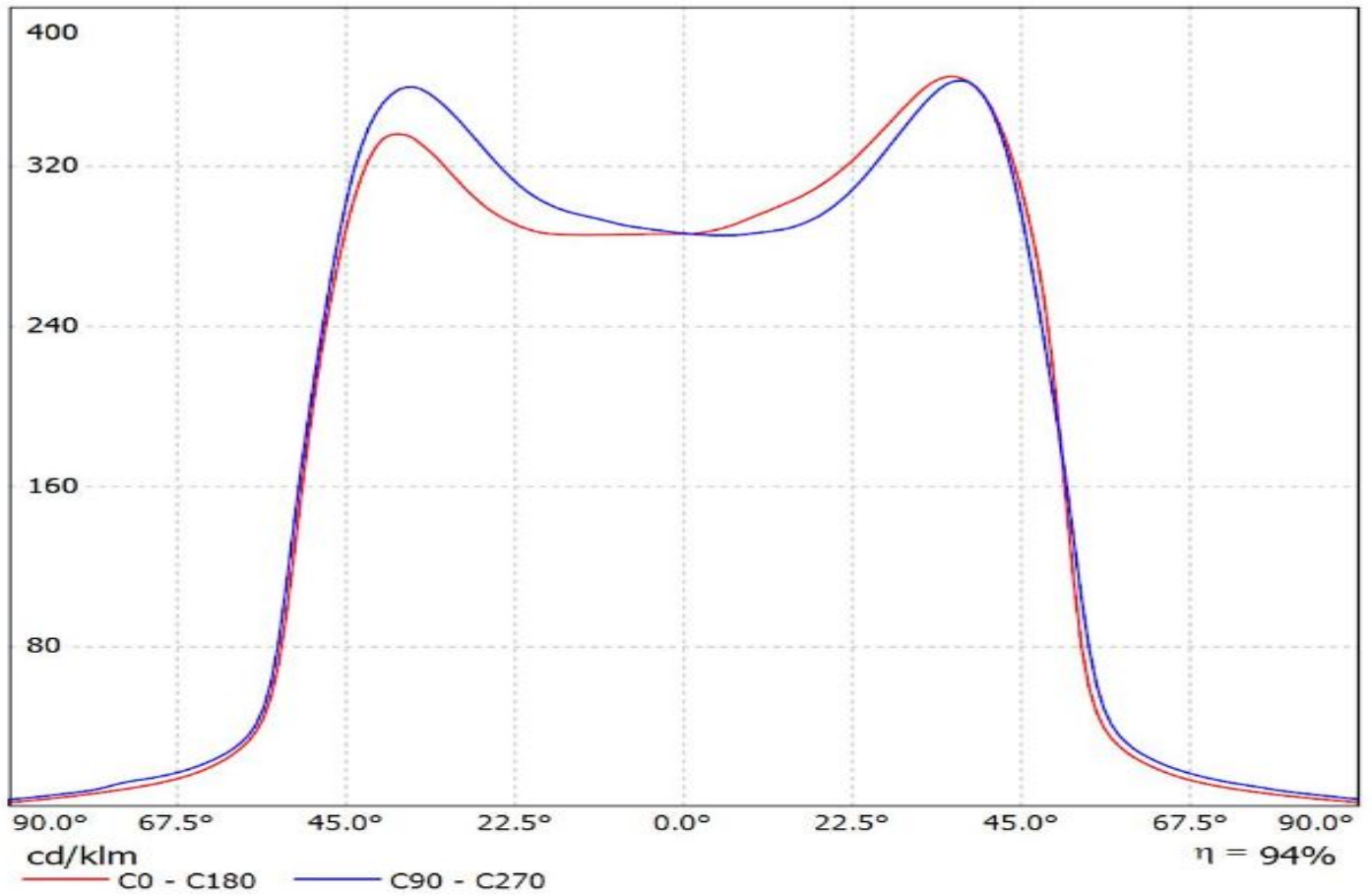


Luminaire: LEDiL Oy FCN14648\_JENNY-CY\_(XM-L)  
Lamps: 1 x CREE\_XM-L\_EZW\_128.713lm@250mA\_P=1.50385W\_I=249.9mA

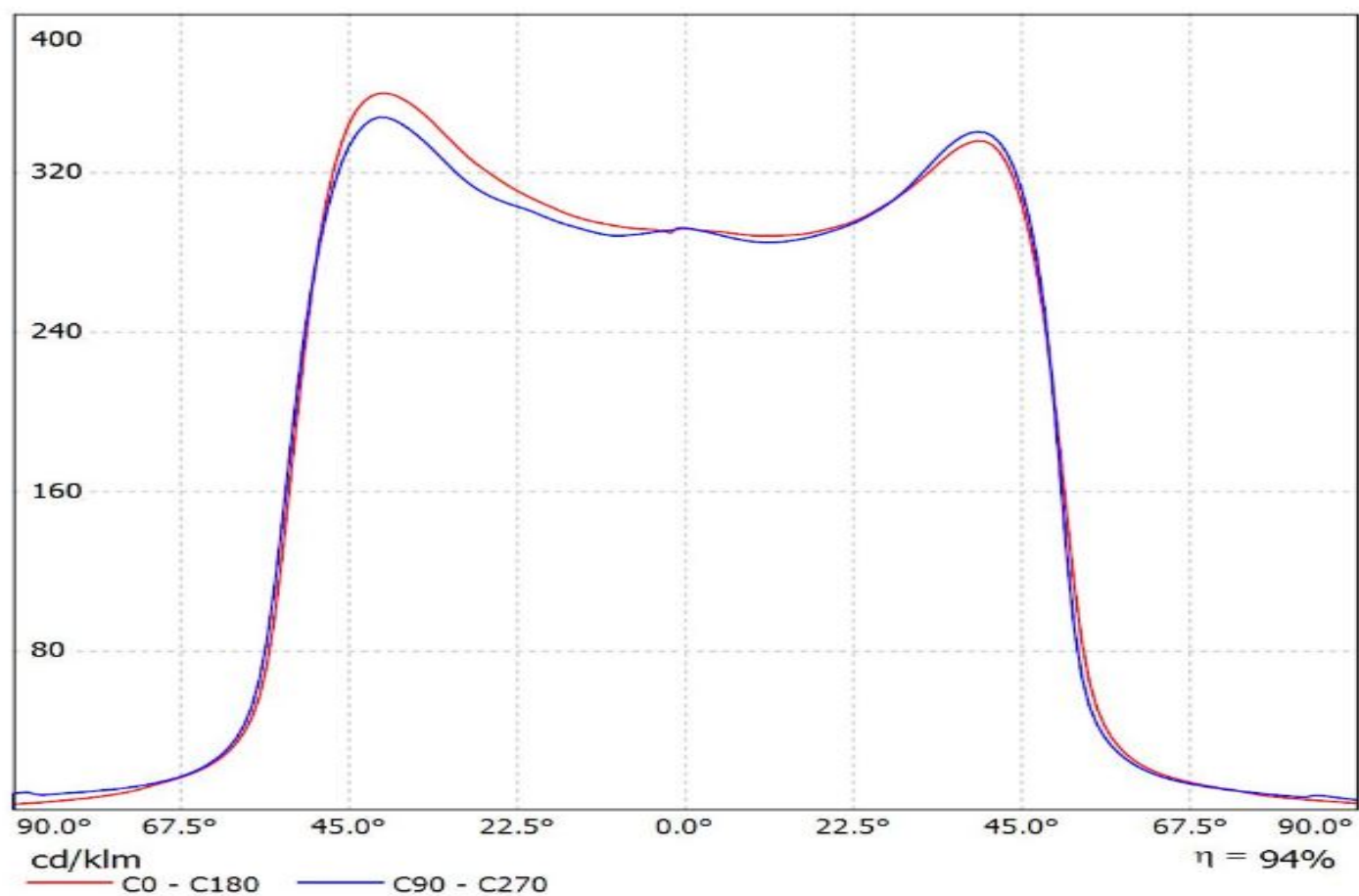


Luminaire: Ledil FCN14648\_JENNY-CY\_(LUXEON\_5258)

Lamps: 1 x LUXEON\_5258\_(24VOLTS)\_307.573lm@100mA\_CCT=2700K\_P=?W\_I=0.1A

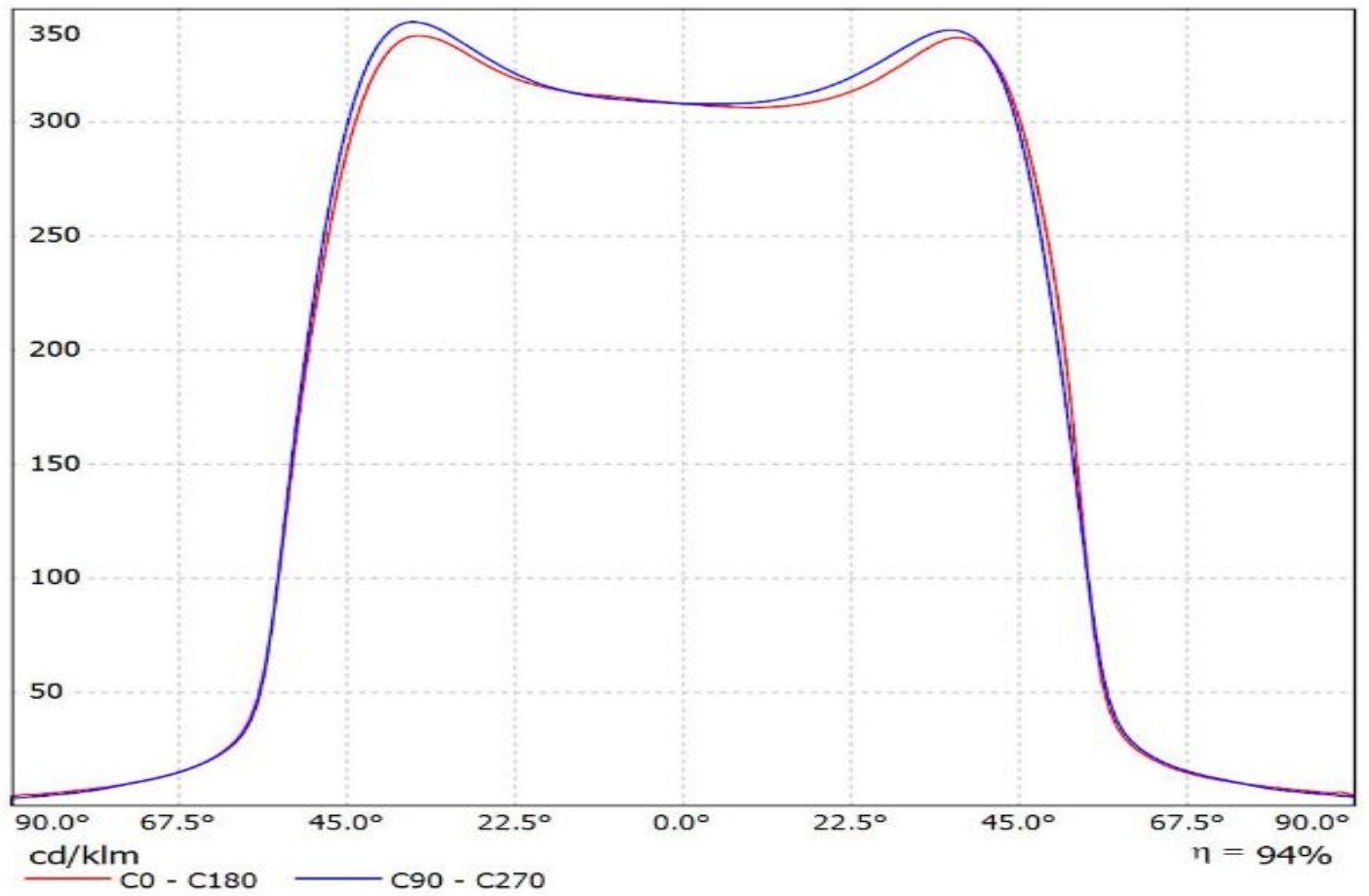


Luminaire: LEDiL Oy FCN14648\_JENNY-CY\_(LUXEON\_M)  
Lamps: 1 x LUXEON\_M\_(LXR7-SW40)\_318.732lm@250mA\_P=2.72282W\_I=249.8mA

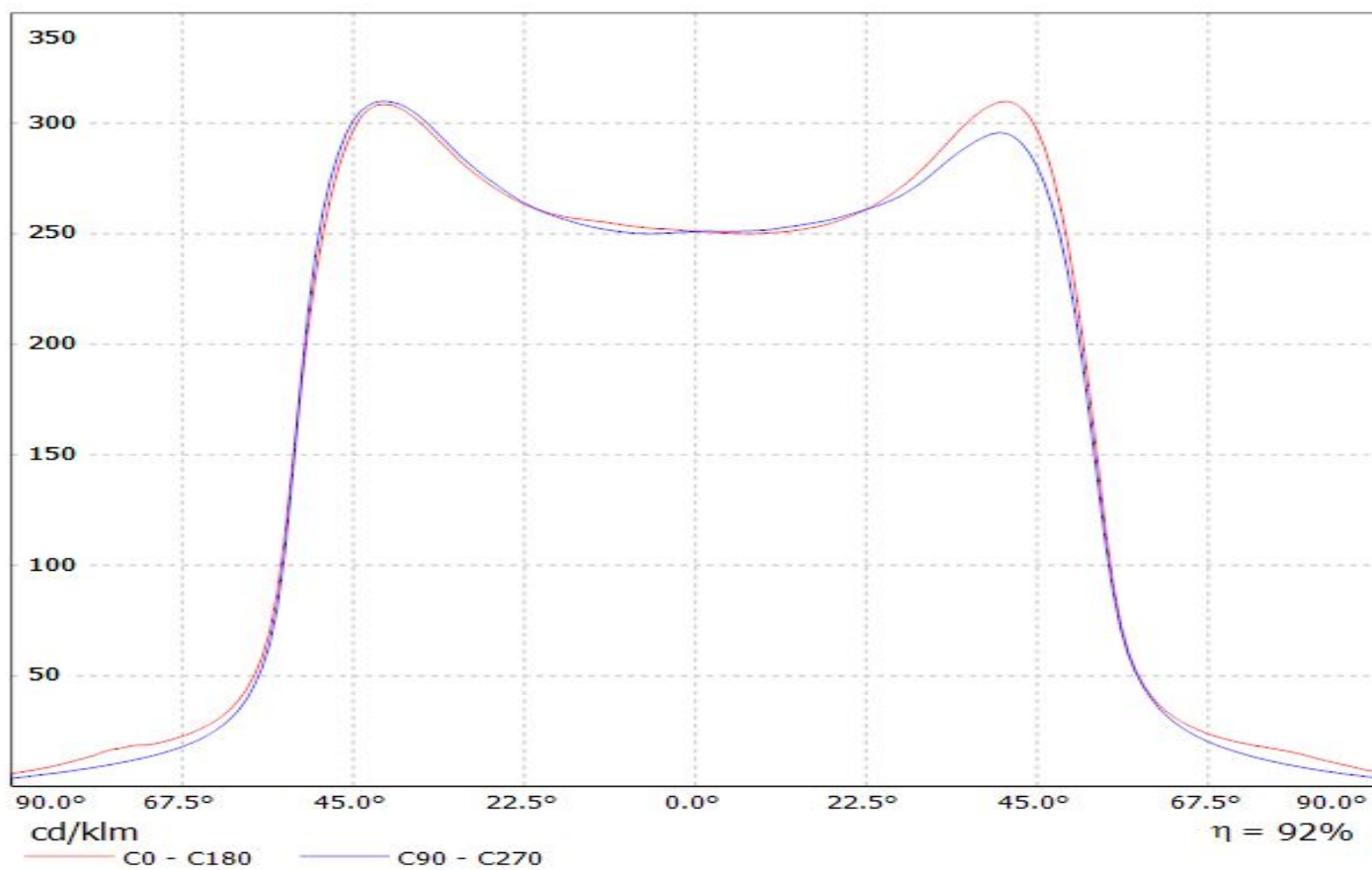




Luminaire: LEDiL Oy FCN14648\_JENNY-CY\_(NSMx286M)  
Lamps: 1 x NICHIA\_NSMx286M\_(NSML286ME)\_335.4lm@100mA\_P=3.43543W\_I=100.1mA

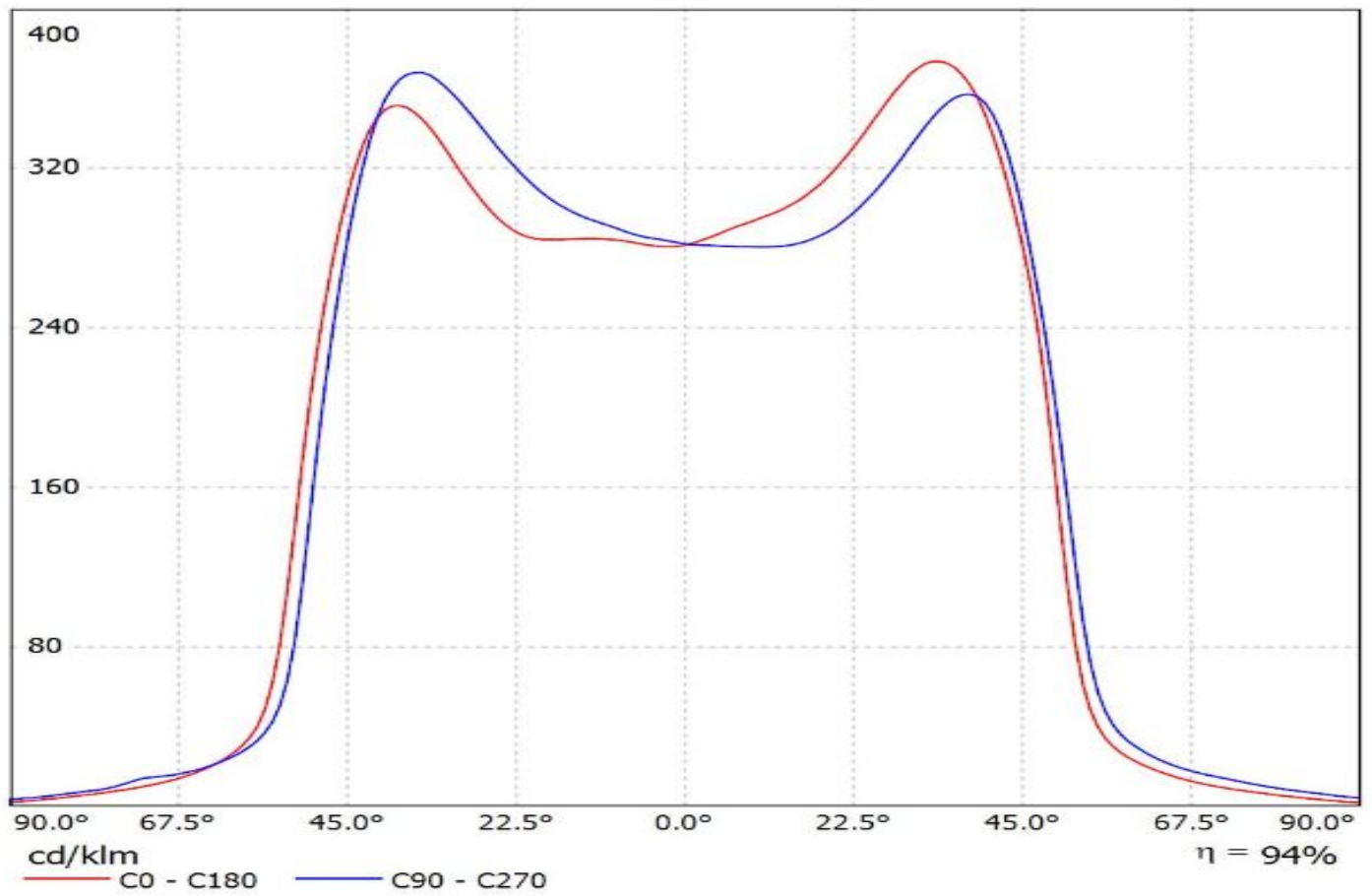


Luminaire: LEDiL Oy FCN14648\_JENNY-CY\_(NV4x144A)  
Lamps: 1 x Nichia\_NV4x144A\_477.334lm@250mA\_P=2.8030W\_I=0.250A

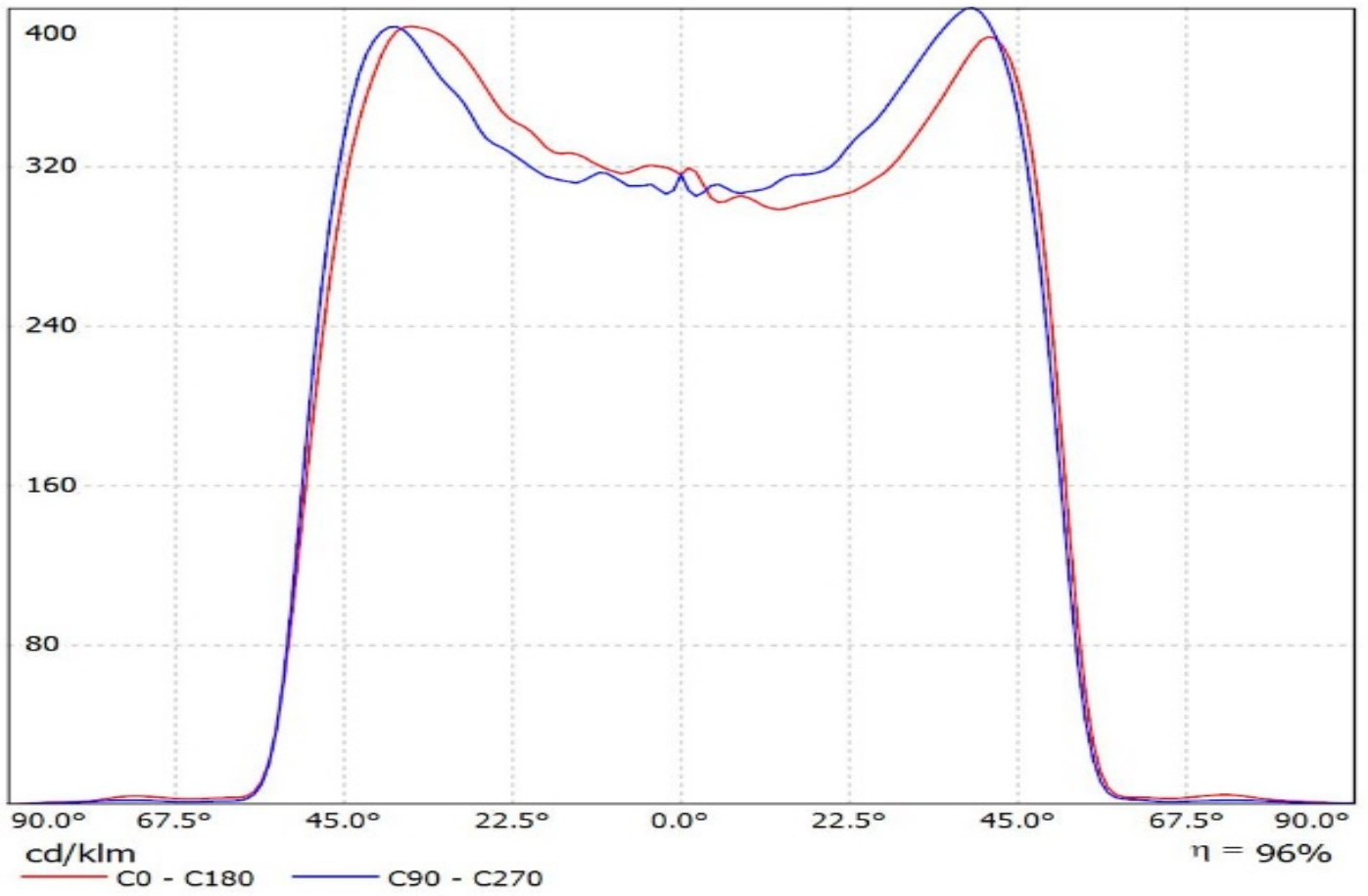


Luminaire: Ledil FCN14648\_JENNY-CY\_(Duris\_S8)

Lamps: 1 x Osram\_Duris\_S8\_(GW\_P9LMS1.ÉC)\_201.491lm@100mA\_CCT=2857K\_P=1.8W\_I=0.1A

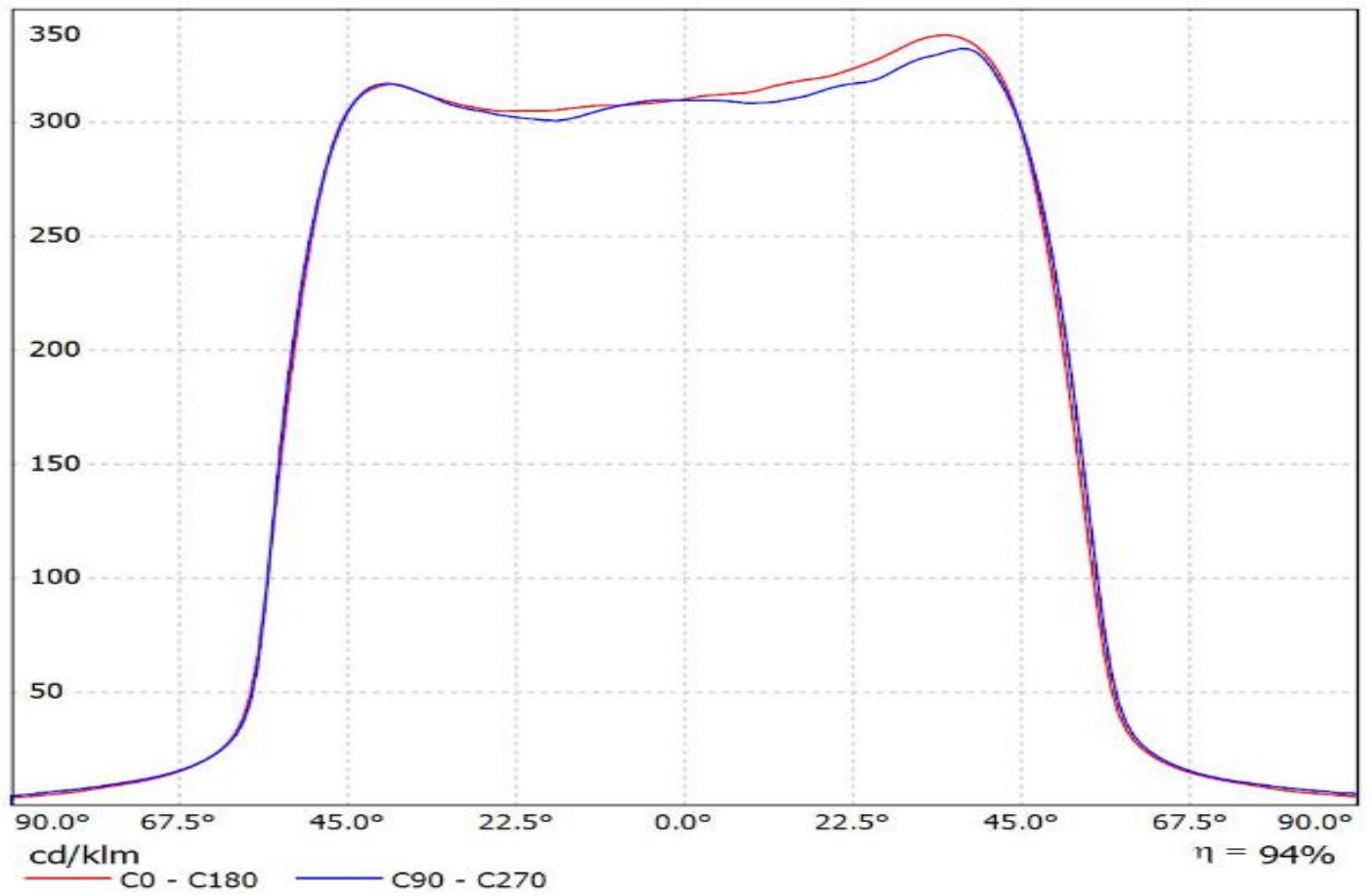


Luminaire: Ledil Oy FCN14648\_JENNY-CY\_(Duris\_S10)\_SIMULATED  
Lamps: 1 x Osram Duris S10 (GW P7LM32.EM)



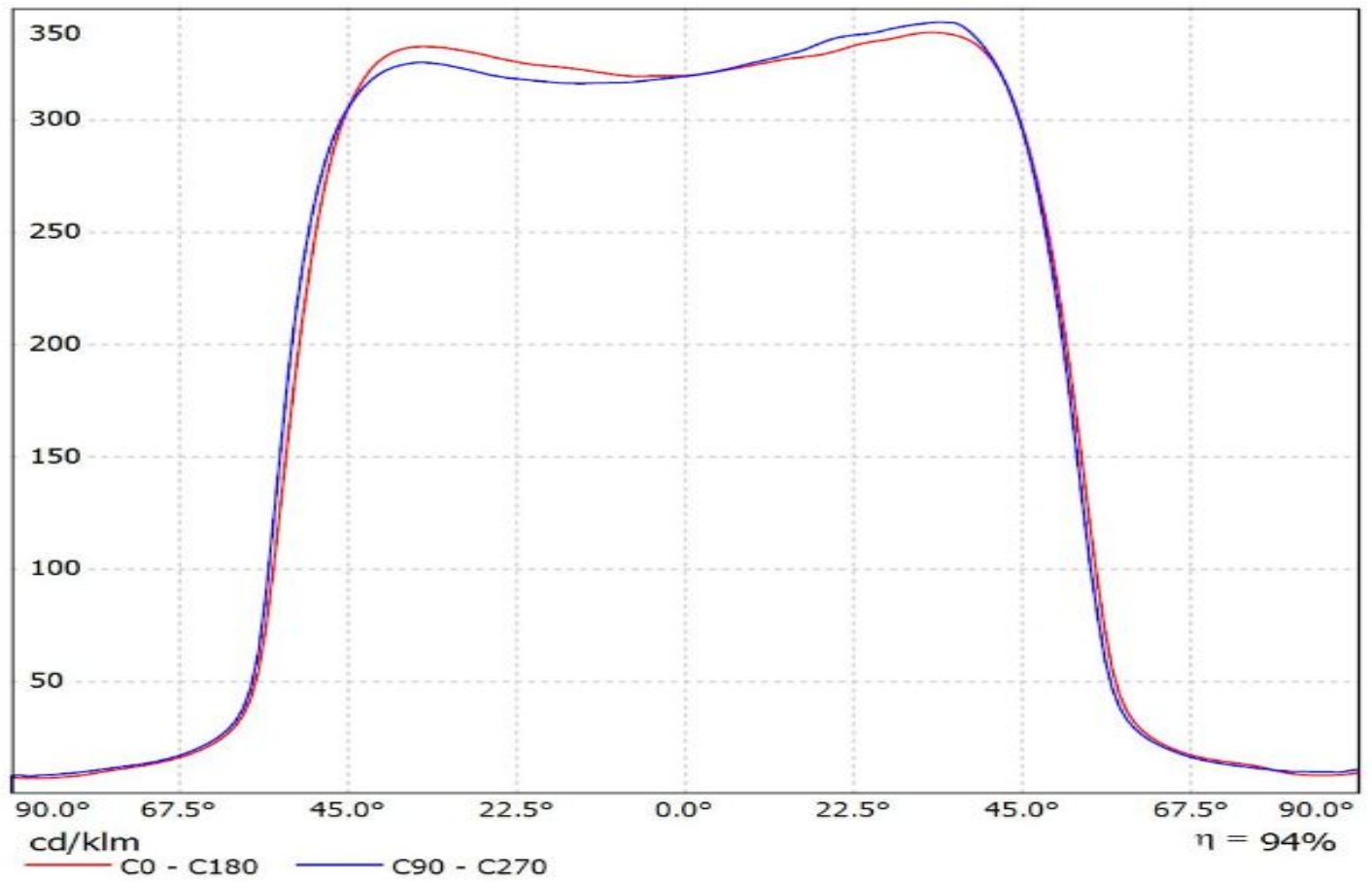
Luminaire: LEDiL Oy FCN14648\_JENNY-CY\_(P6)

Lamps: 1 x OSRAM\_SOLERIQ\_P6\_(GW\_MAFJB1.EM)\_693.953lm@250mA\_P=6.29348W\_I=249.9mA



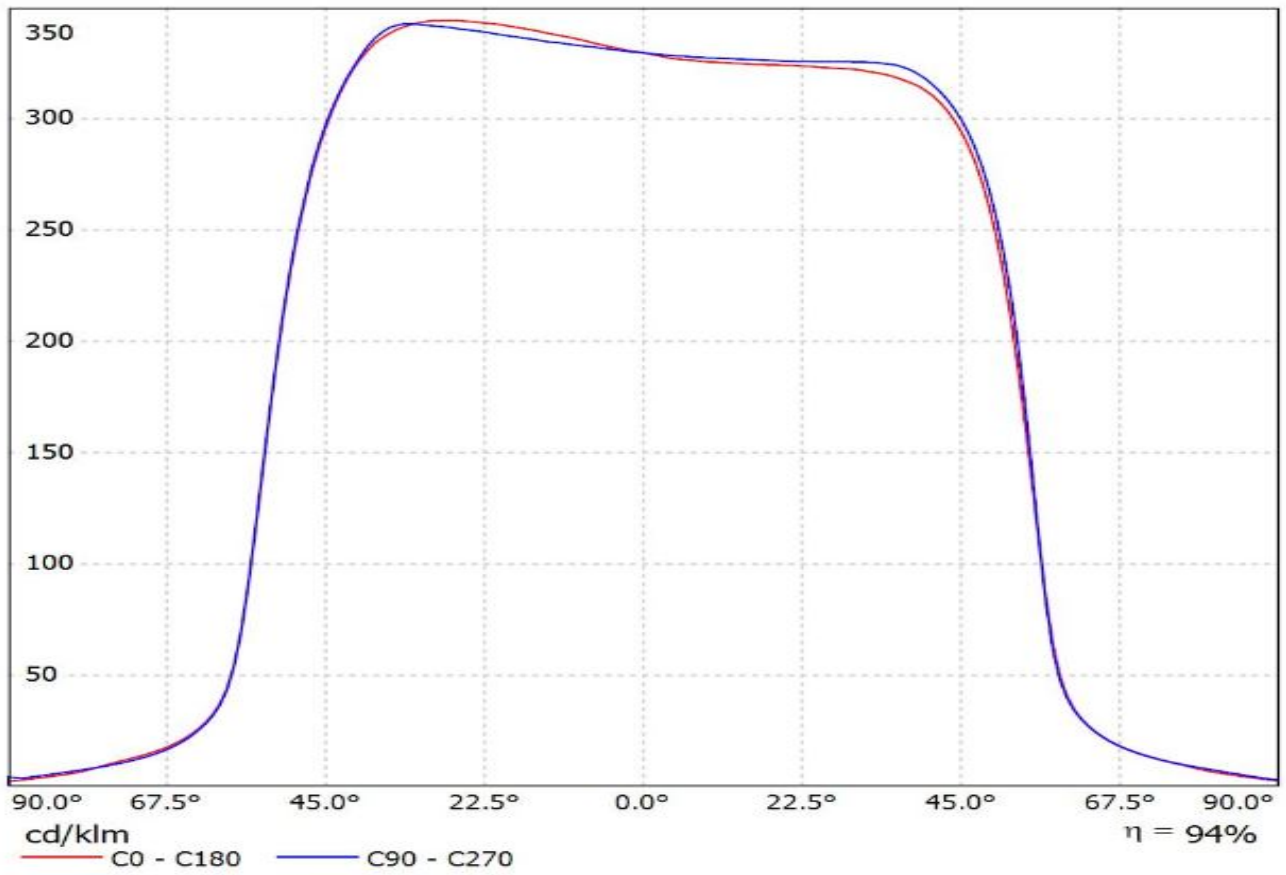
Luminaire: LEDiL Oy FCN14648\_JENNY-CY\_(P9)

Lamps: 1 x OSRAM\_SOLERIQ\_P9\_(GW\_MAFJB1.EM)\_911lm@250mA\_P=6.90072W\_I=249.8mA



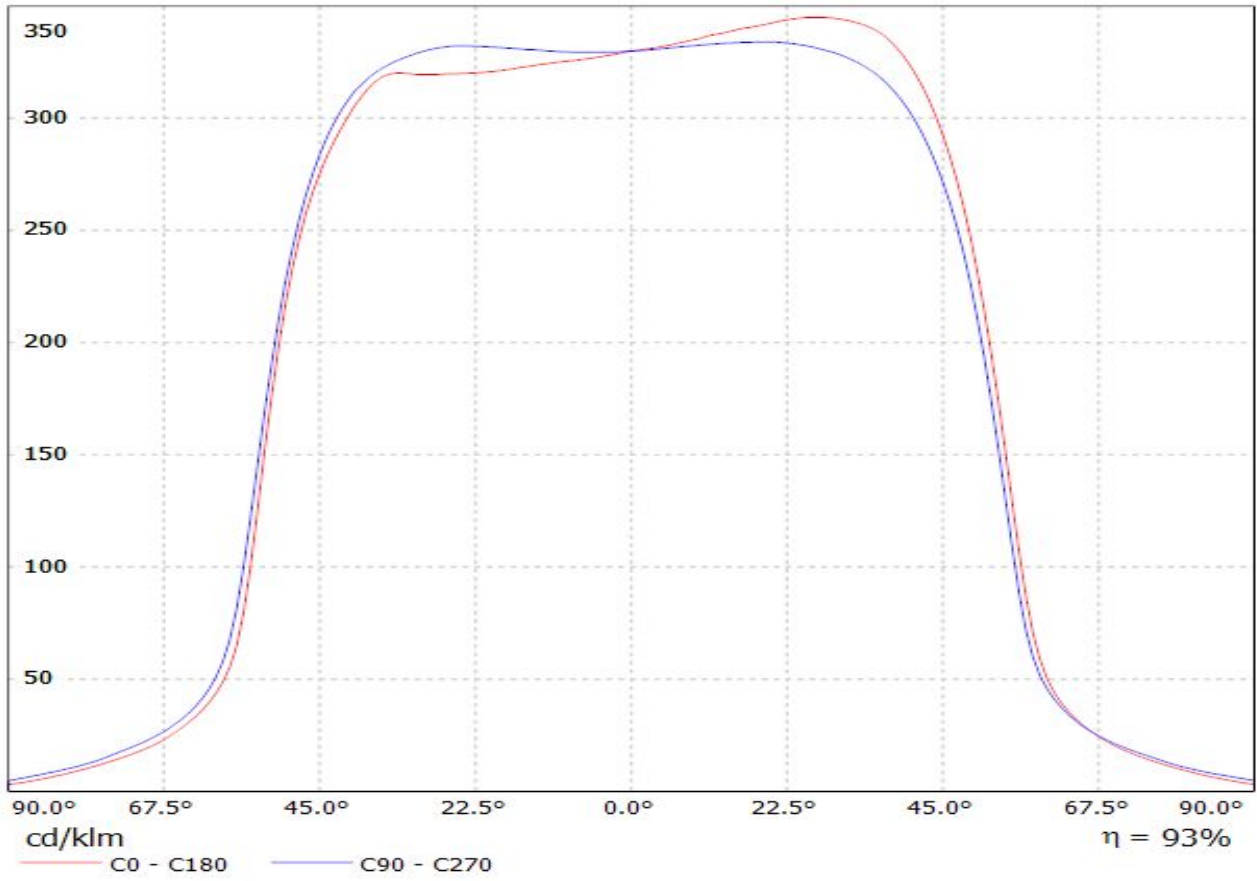
Luminaire: LEDiL Oy FCN14648\_JENNY-CY (COB\_D\_LES\_9.8mm)

Lamps: 1 x Samsung\_COB\_D\_series\_LES\_9.8mm\_LC013D\_534.999lm@100mA\_P=3.1948W\_I=0.100A



Luminaire: Ledil FCN14648\_JENNY-CY\_(MJT\_12W\_Les9,8)

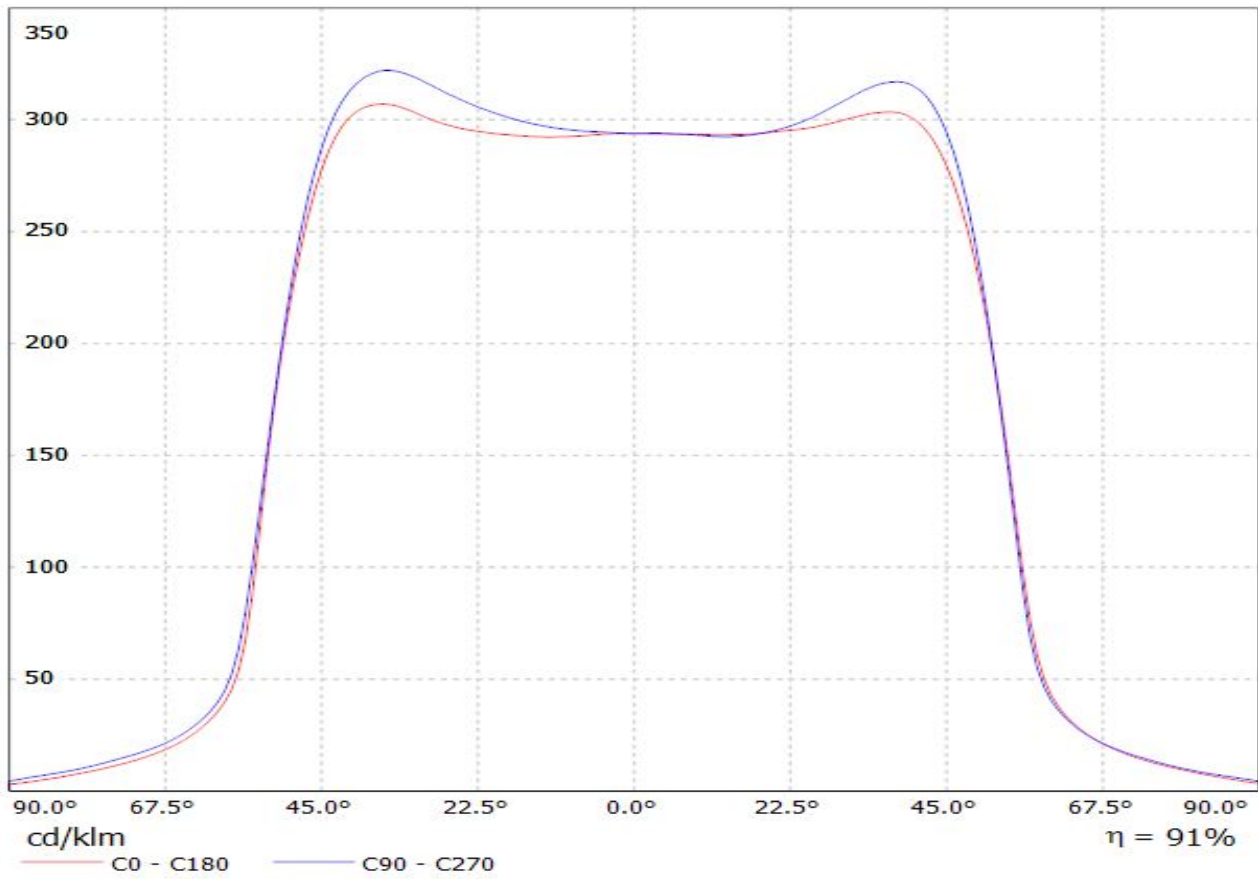
Lamps: 1 x Seoul\_MJT\_12W\_Les9.8mm\_(SAWx1063A)\_1245.58lm@250mA\_P=8.30025W\_I=0.25A



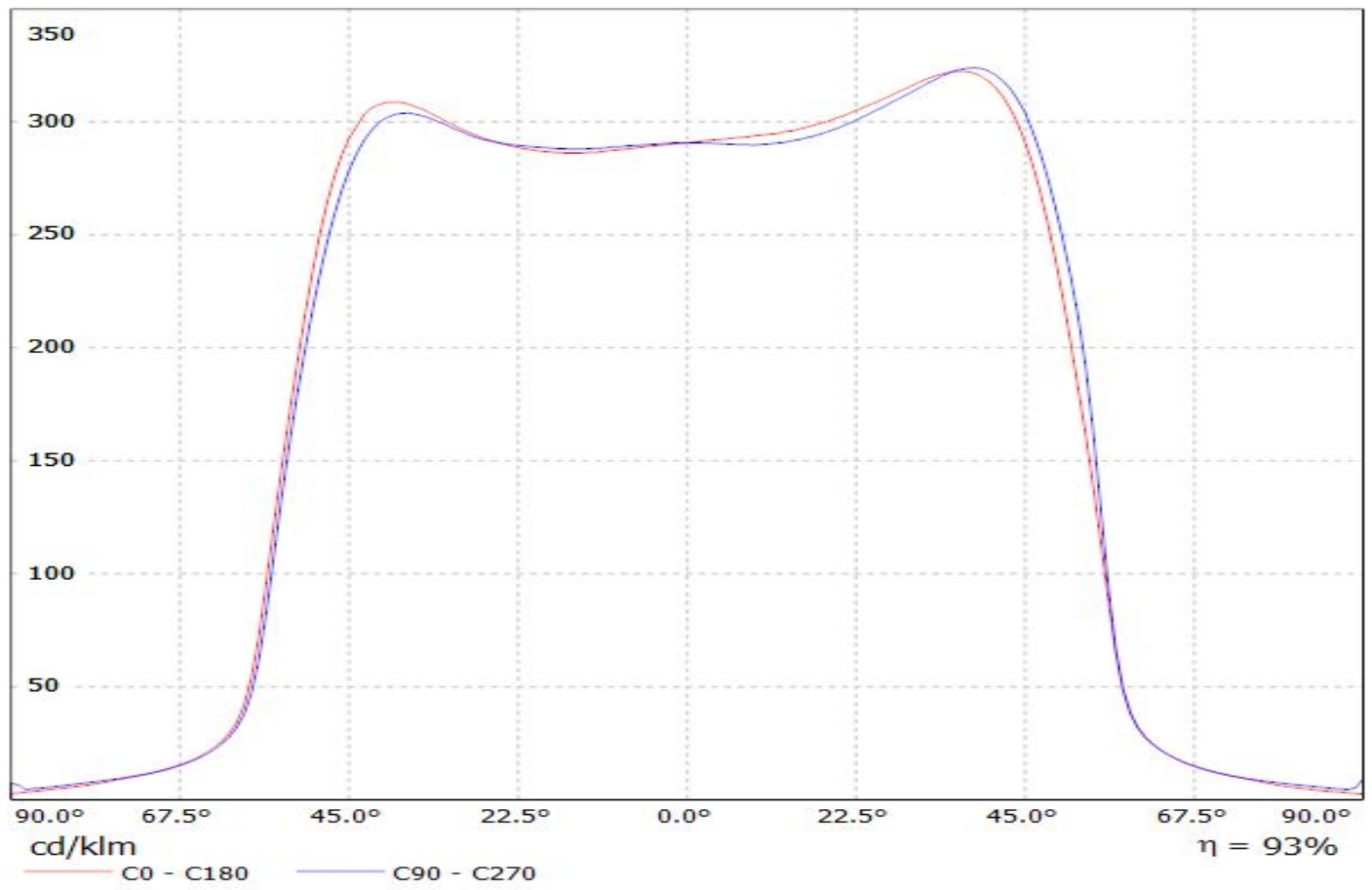


Luminaire: Ledil FCN14648\_JENNY-CY\_(MJT\_6W\_Les6)

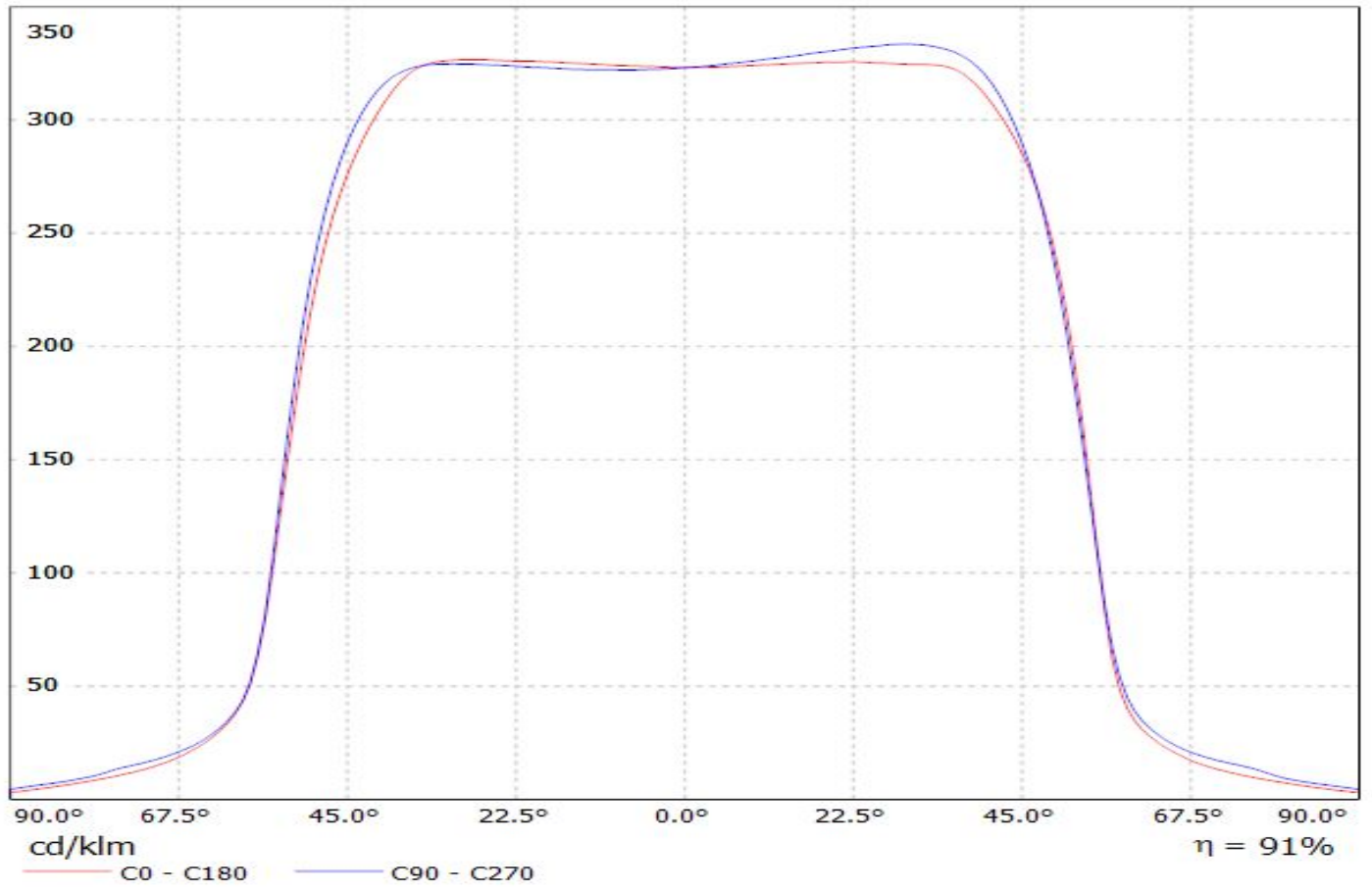
Lamps: 1 x Seoul\_MJT\_6W\_Les6mm\_(SAWx0661A)\_820.711lm@180mA\_P=6.3909W\_I=0.18A



Luminaire: LEDiL Oy FCN14648\_JENNY-CY\_(SLE-G5\_LES-6)  
Lamps: 1 x Tridonic\_SLE-G5\_LES-6\_470.842lm@100mA\_P=3.3743W\_I=0.100A

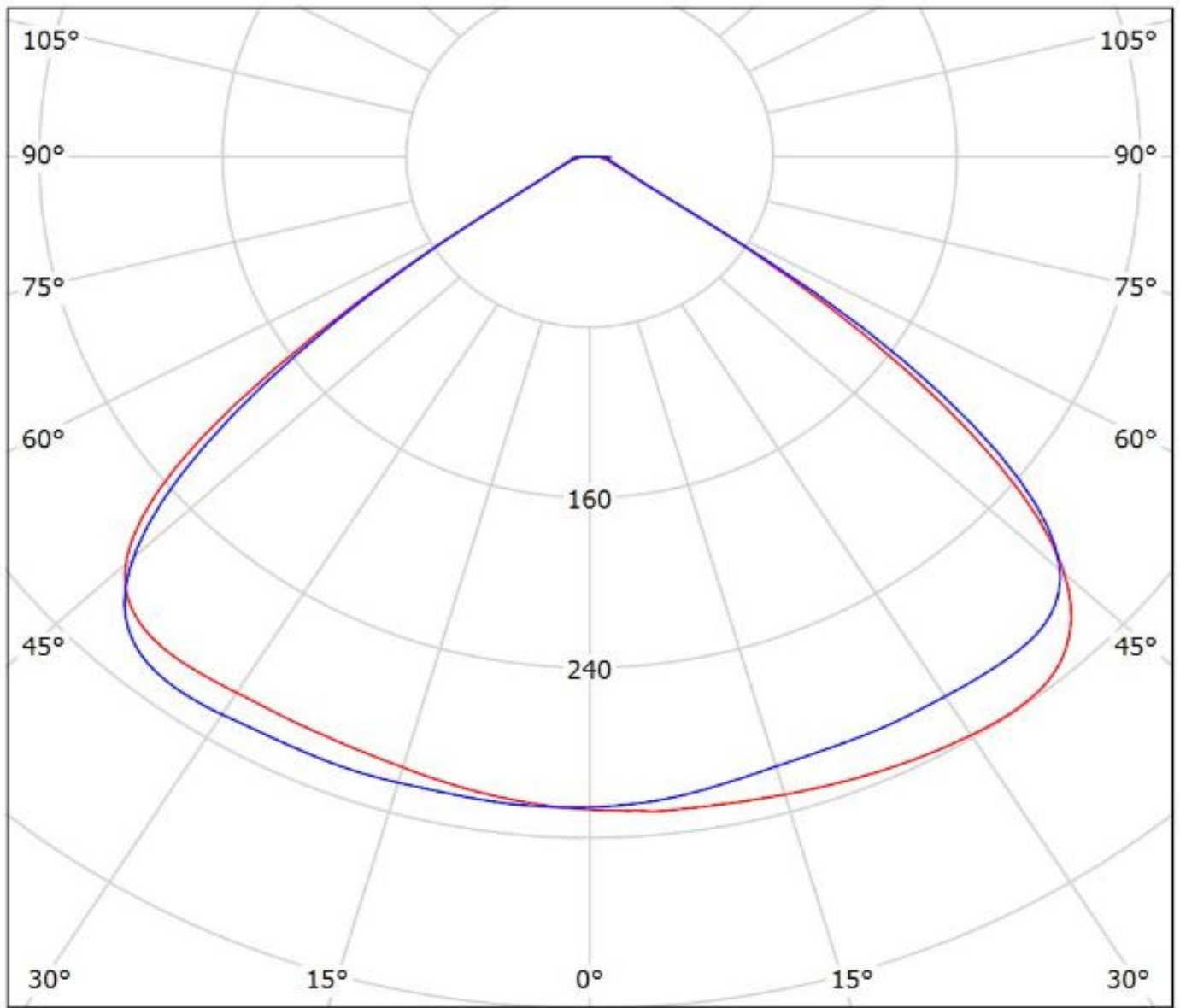


Luminaire: LEDiL Oy FCN14648\_JENNY-CY\_(SLE-G5\_LES-11)  
Lamps: 1 x Tridonic\_SLE-G5\_LES-11\_1186.5lm@250mA\_P=8.3528W\_I=0.250A



Luminaire: LEDiL Oy FCN14648\_JENNY-CY\_(V6)

Lamps: 1 x BRIDGELUX\_V6\_447.582lm@250mA\_P=5.15119W\_I=249.9mA



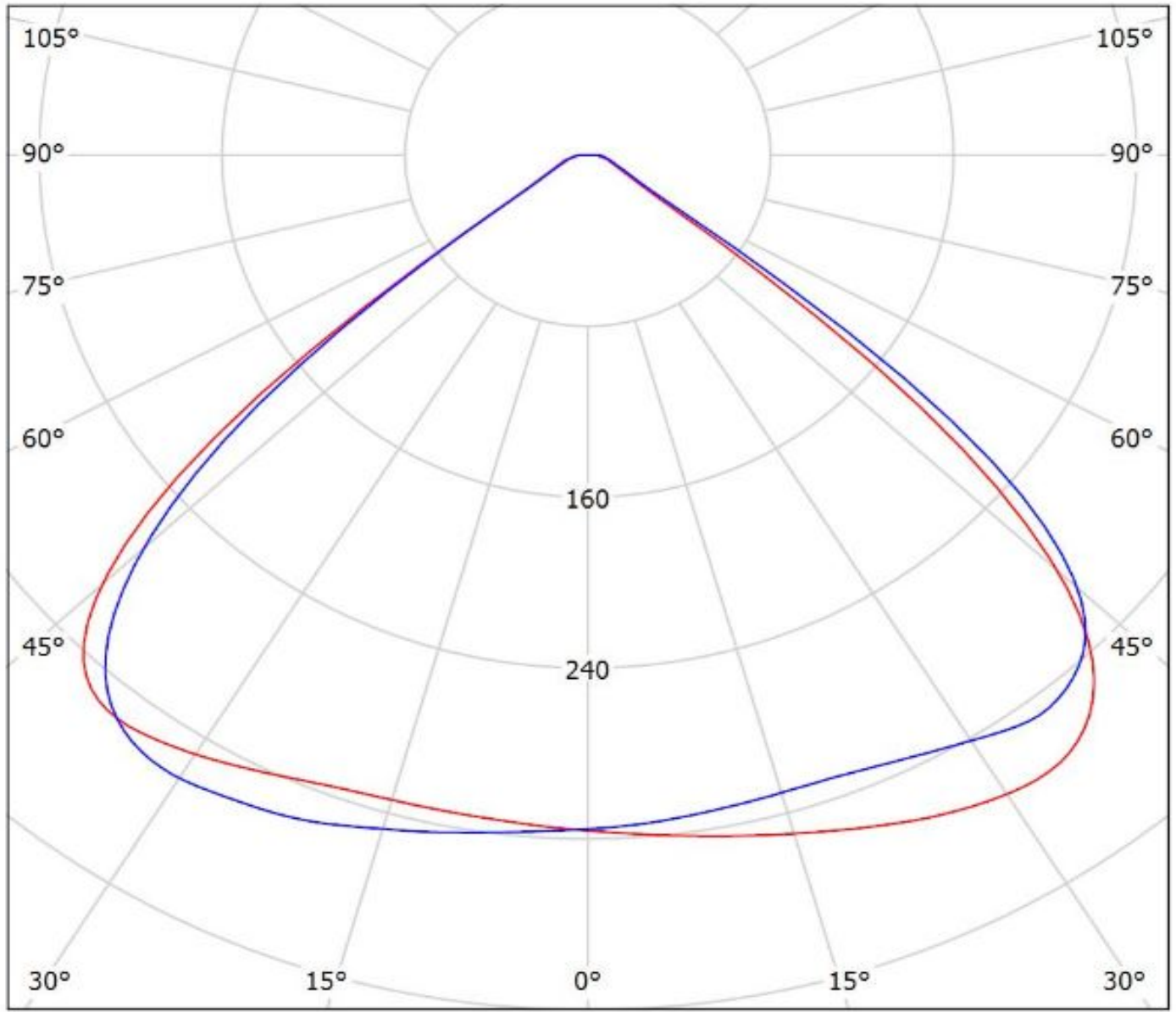
cd/klm

— C0 - C180 — C90 - C270

$\eta = 94\%$

Luminaire: LEDiL Oy FCN14648\_JENNY-CY\_(V8)

Lamps: 1 x BRIDGELUX\_V8\_871.869lm@250mA\_P=8.88614W\_I=249.8mA



cd/klm

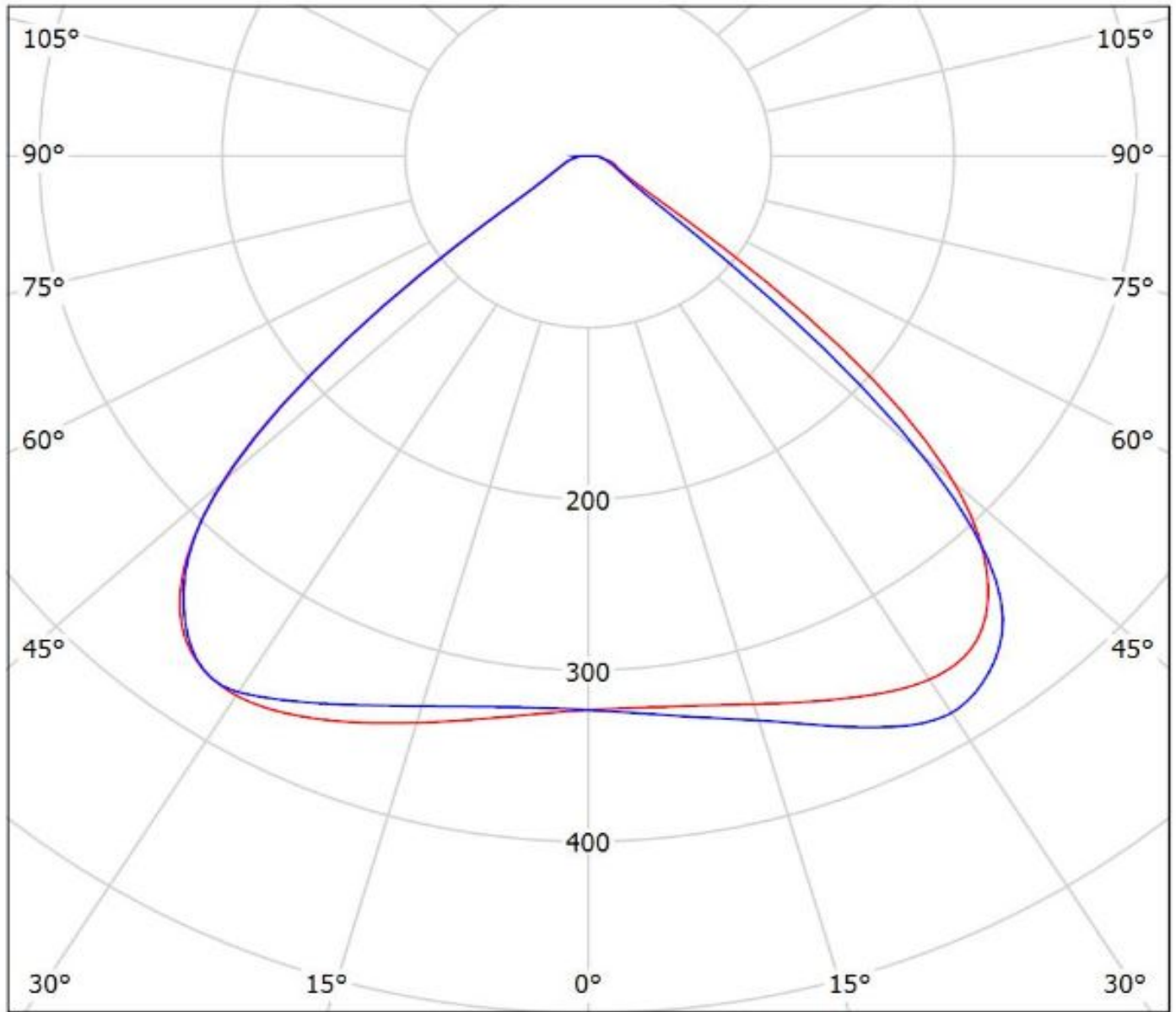
— C0 - C180

— C90 - C270

$\eta = 94\%$

Luminaire: LEDiL Oy FCN14648\_JENNY-CY\_(V10)

Lamps: 1 x BRIDGELUX\_V10\_(BXRE-30E1000B-X2)\_763.702lm@250mA\_P=6.32922W\_I=249.9mA



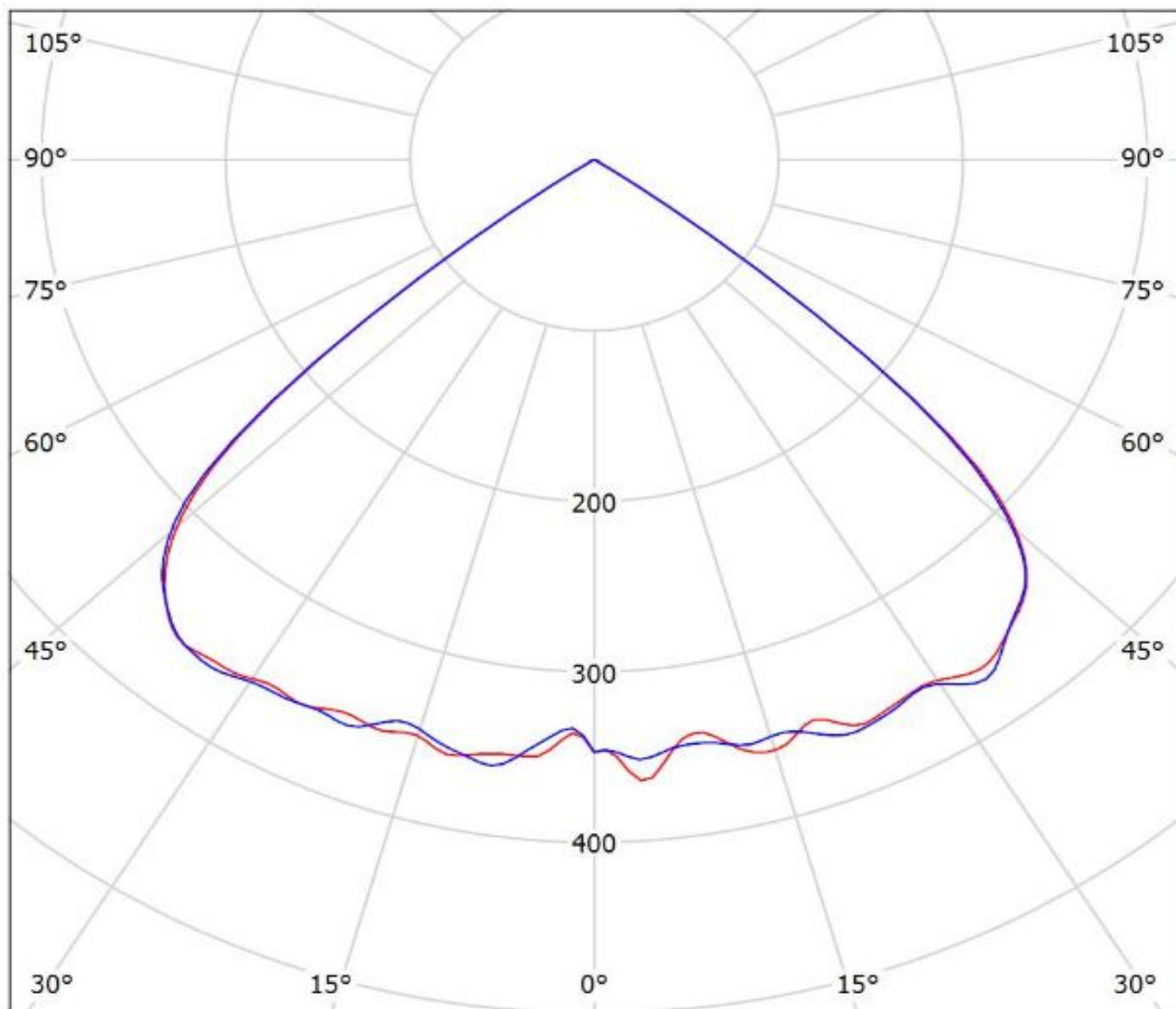
cd/klm

— C0 - C180 — C90 - C270

η = 94%



Luminaire: Ledil Oy FCN14648\_JENNY-CY\_BRIDGELUX\_V10\_Gen7\_SIMULATED  
Lamps: 1 x BRIDGELUX V10 Gen7



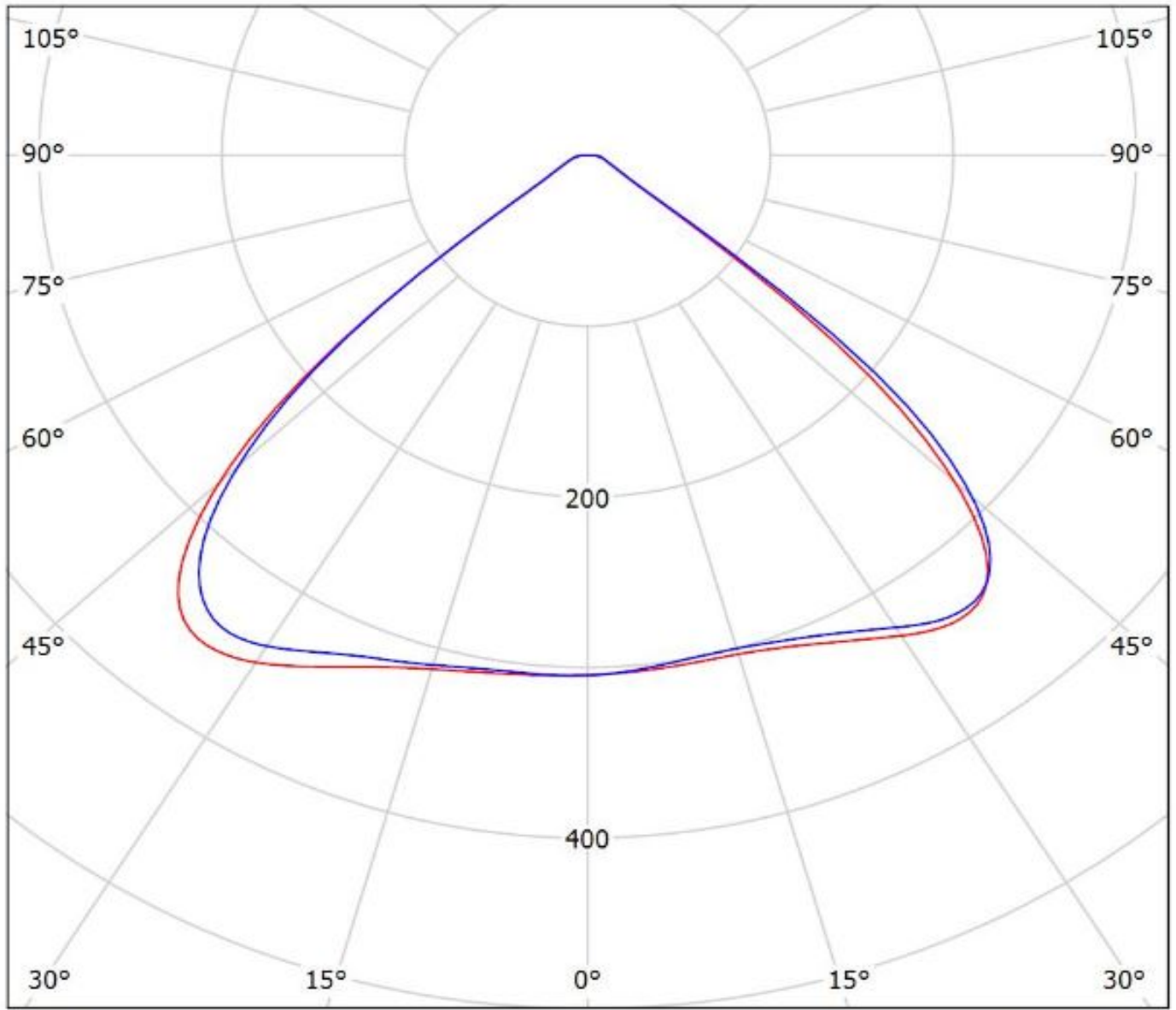
cd/klm

— C0 - C180    — C90 - C270

$\eta = 94\%$

Luminaire: LEDiL Oy FCN14648\_JENNY-CY\_(CLL010)

Lamps: 1 x CITIZEN\_CLL010\_(CLL010-0305A1-303M1A2)\_206.314lm@250mA\_P=2.27184W\_I=249.9mA



cd/klm

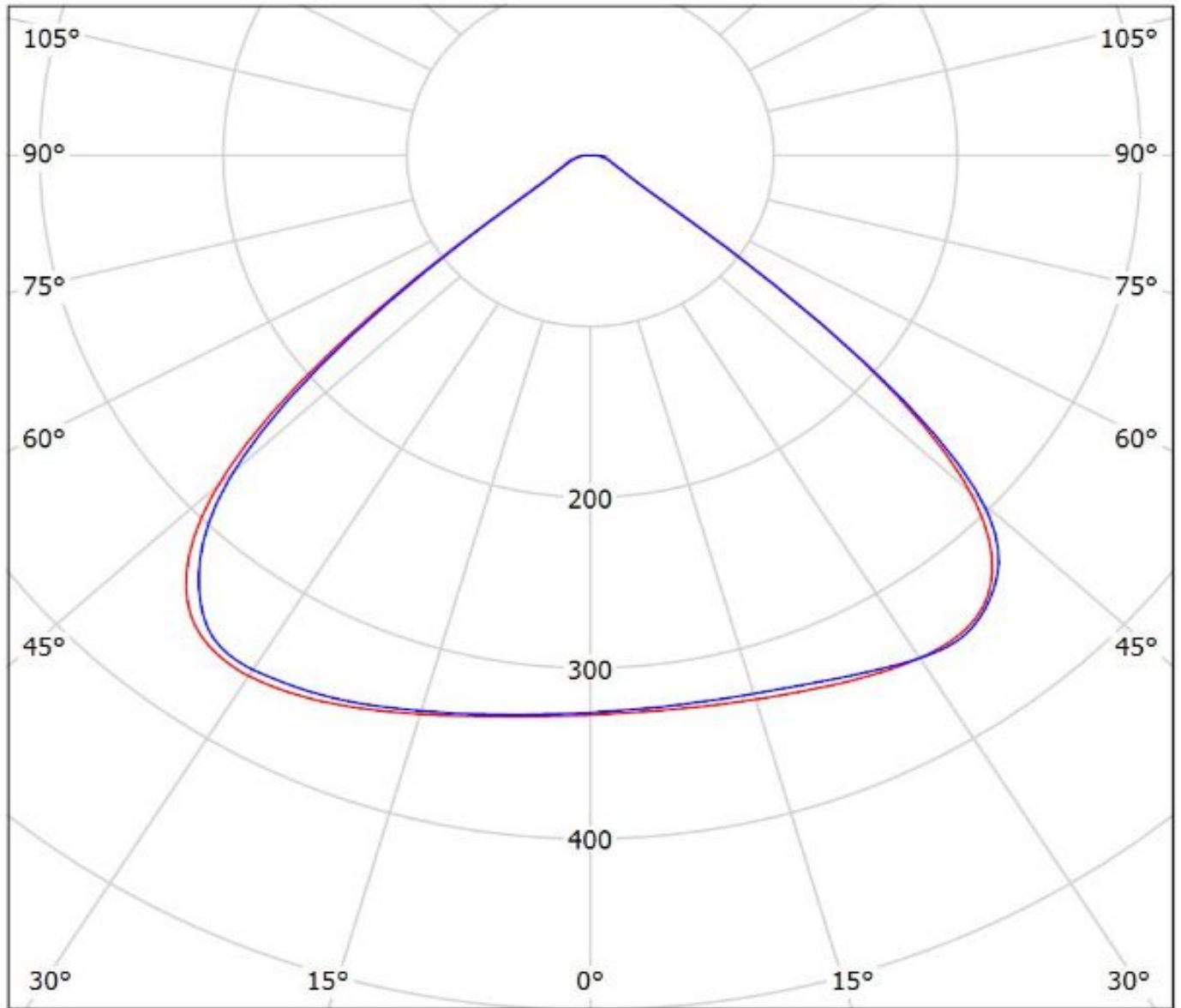
— C0 - C180 — C90 - C270

$\eta = 94\%$



Luminaire: LEDiL Oy FCN14648\_JENNY-CY\_(CLL022)

Lamps: 1 x CITIZEN\_CLL022\_(CLL022-1204A5-030H7E1)\_748.012lm@250mA\_P=8.70803W\_I=249.8mA



cd/klm

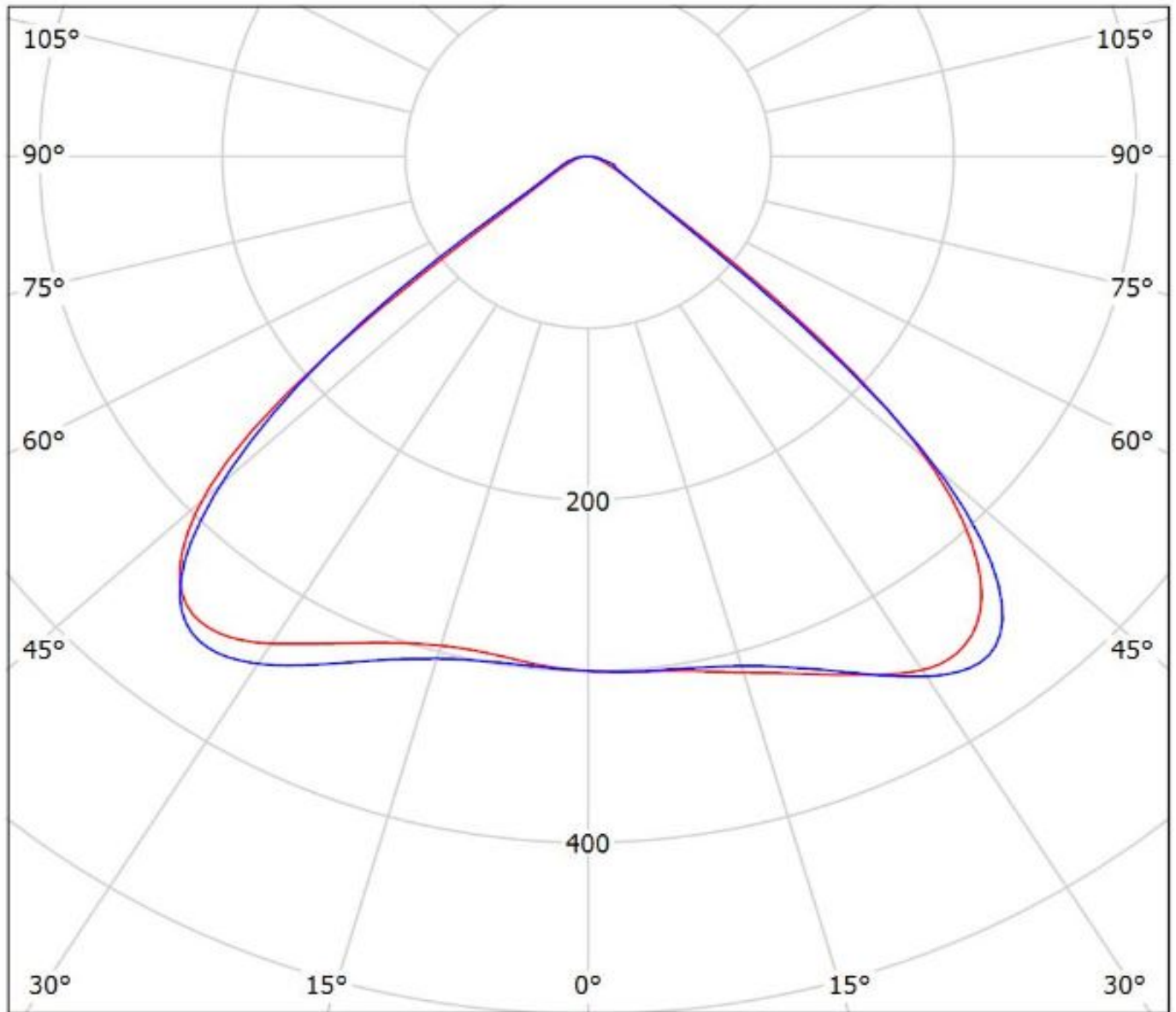
— C0 - C180

— C90 - C270

$\eta = 93\%$

Luminaire: Ledil FCN14648\_JENNY-CY\_(CLU700)

Lamps: 1 x Citizen\_CLU700\_394.637lm@100mA\_P=2.8W\_I=0.10A



cd/klm

— C0 - C180

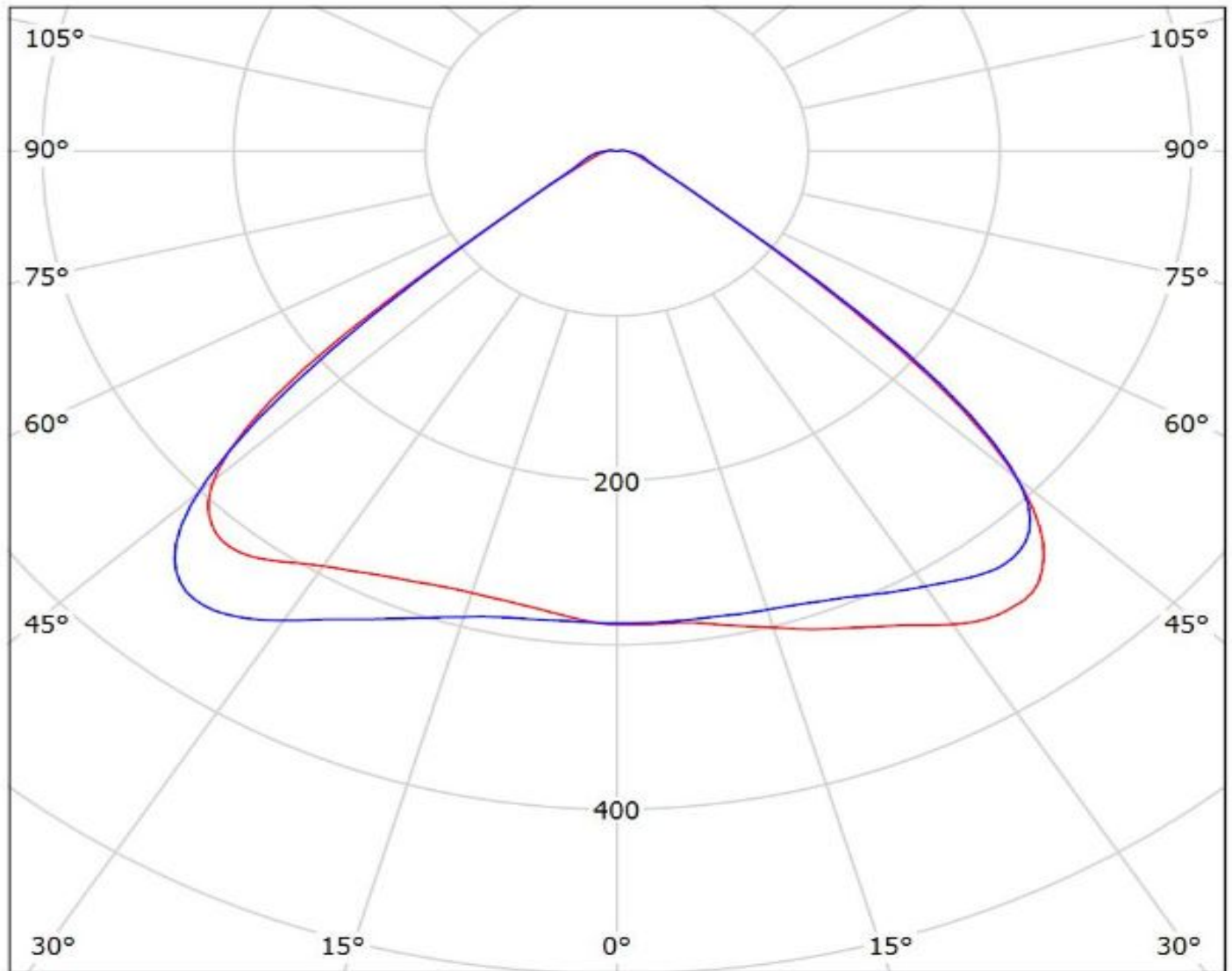
— C90 - C270

$\eta = 93\%$

# Ledil F14531\_JENNY-CY\_(XHP50) / LDC (Polar)

Luminaire: Ledil F14531\_JENNY-CY\_(XHP50)

Lamps: 1 x XHP50\_warm\_white\_210.85lm@250mA\_P=1.4W\_I=0.25A



cd/klm

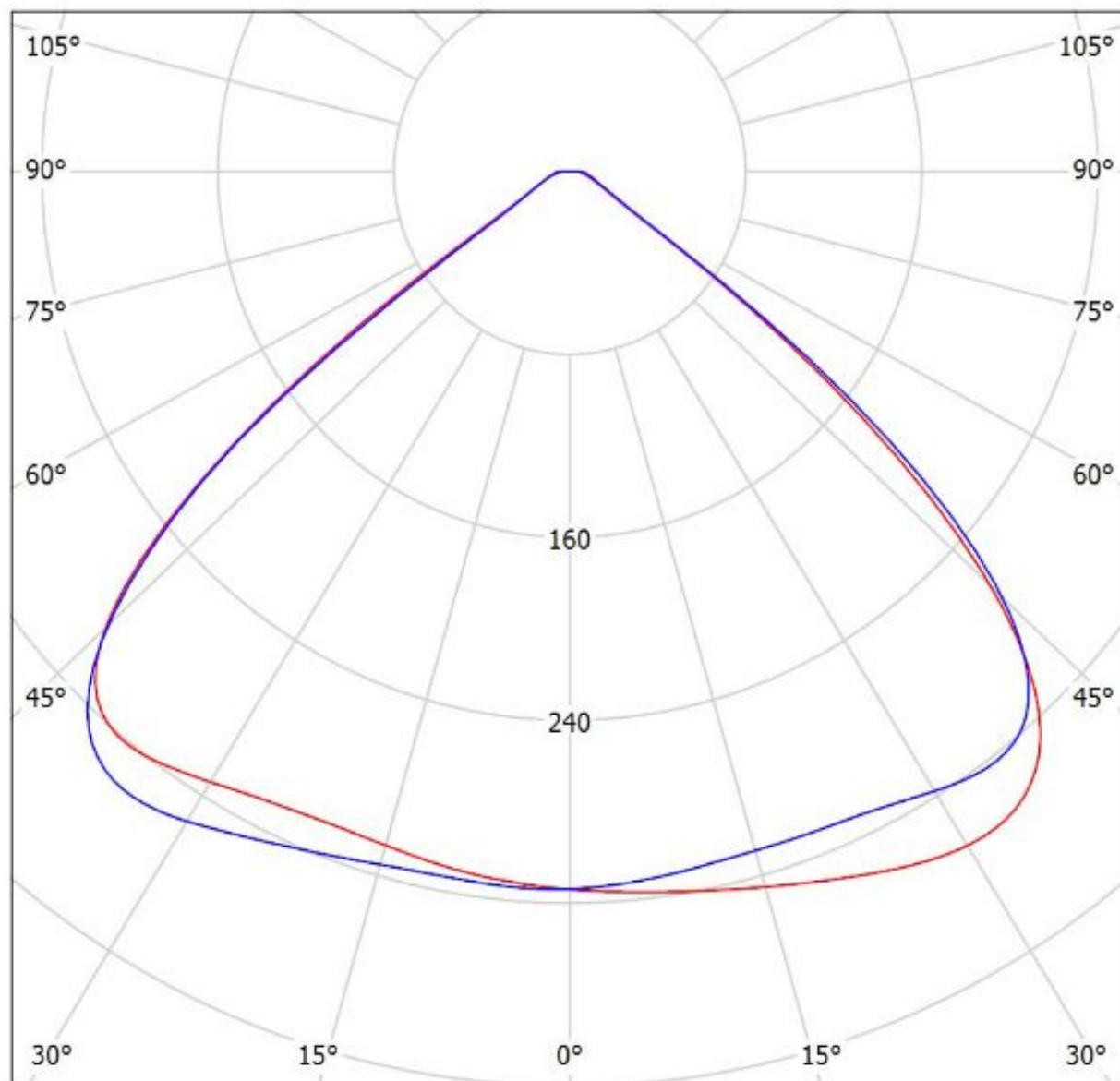
— C0 - C180

— C90 - C270

$\eta = 94\%$

Luminaire: LEDiL Oy FCN14648\_JENNY-CY\_(CXA1310)

Lamps: 1 x CREE\_CXA1310\_(CXA1310-30H-G4-F0Y-00001)\_367.9lm@250mA\_CCT=3000K\_P=4.22112W\_I=249.8mA



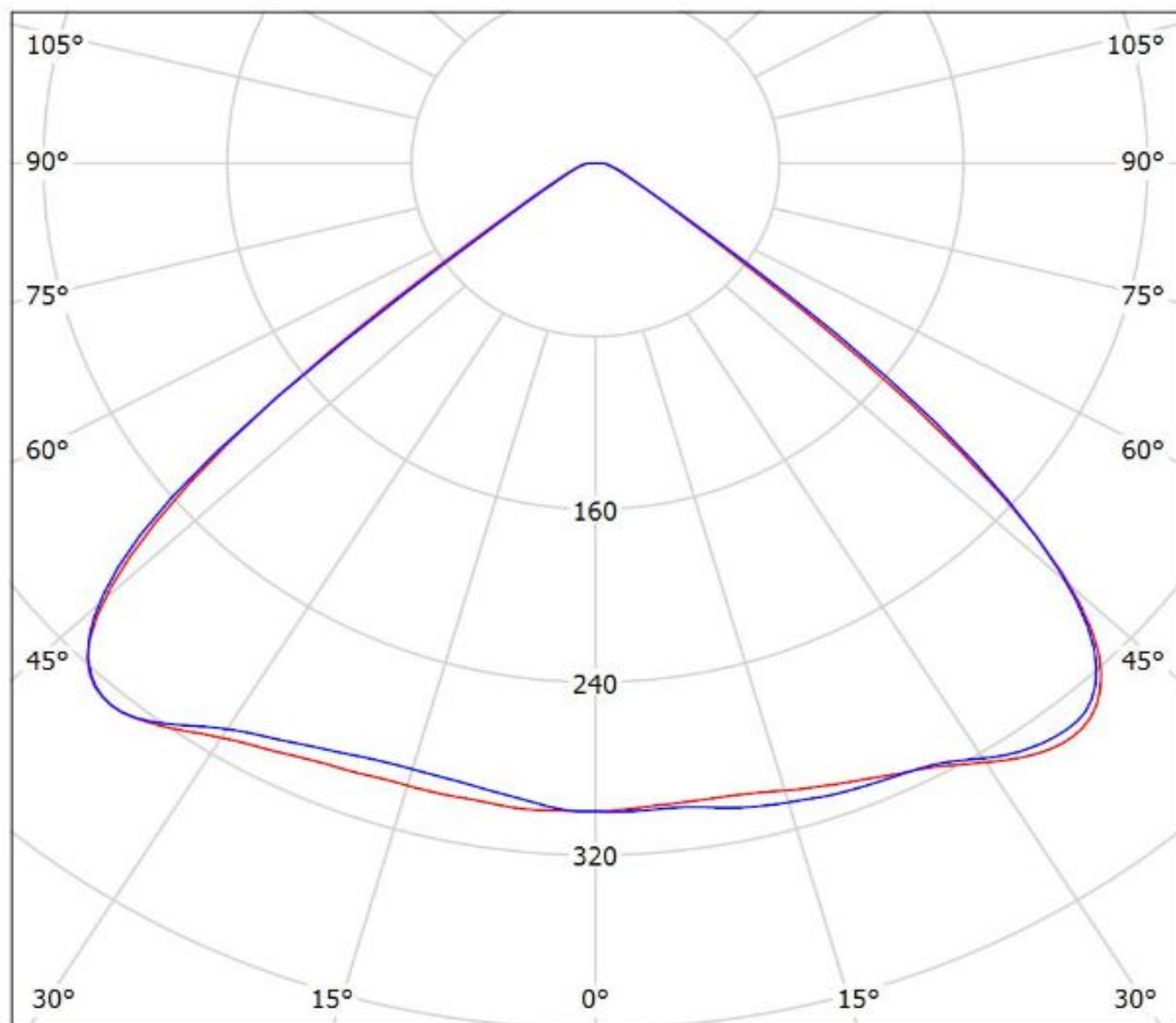
cd/klm

— C0 - C180 — C90 - C270

$\eta = 94\%$

Luminaire: LEDiL Oy FCN14648\_JENNY-CY\_(MK-R)

Lamps: 1 x MK-R\_353.258lm@250mA\_CCT=3276K\_P=2.84836W\_I=249.9mA



cd/klm

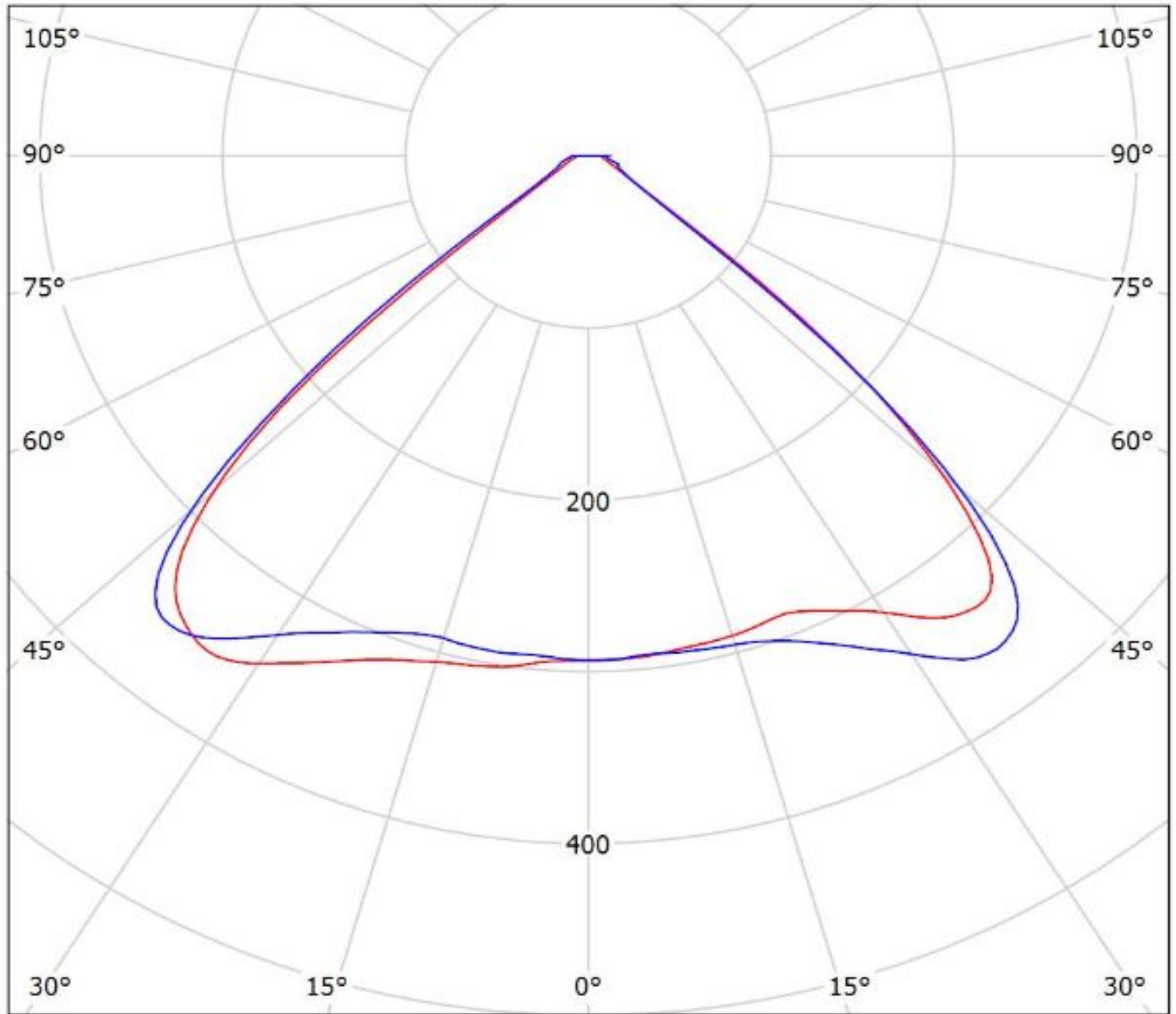
— C0 - C180 — C90 - C270

$\eta = 92\%$



Luminaire: LEDiL Oy FCN14648\_JENNY-CY\_(XM-L)

Lamps: 1 x CREE\_XM-L\_EZW\_128.713lm@250mA\_P=1.50385W\_I=249.9mA



cd/klm

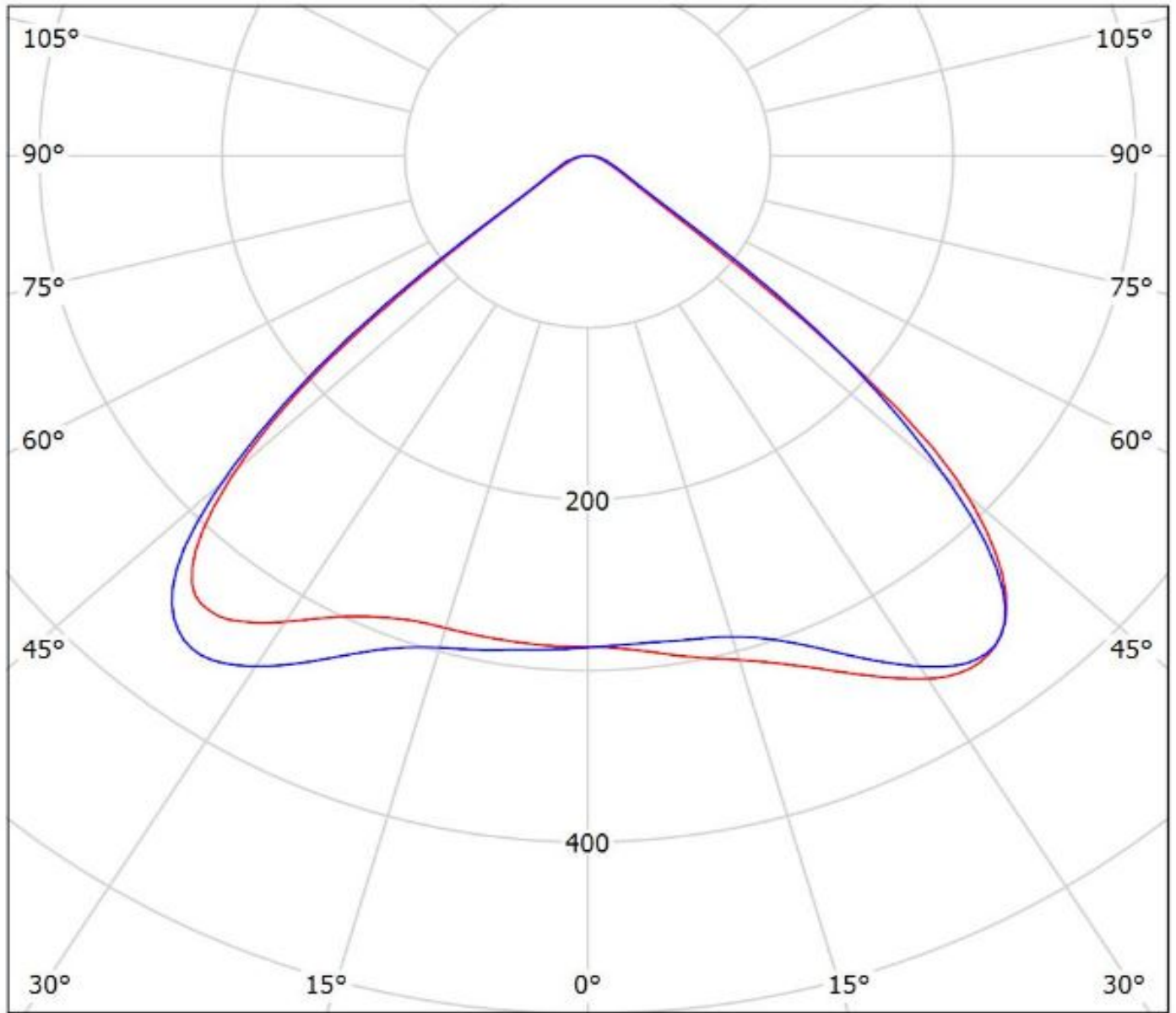
— C0 - C180

— C90 - C270

$\eta = 94\%$

Luminaire: Ledil FCN14648\_JENNY-CY\_(LUXEON\_5258)

Lamps: 1 x LUXEON\_5258\_(24VOLTS)\_307.573lm@100mA\_CCT=2700K\_P=?W\_I=0.1A



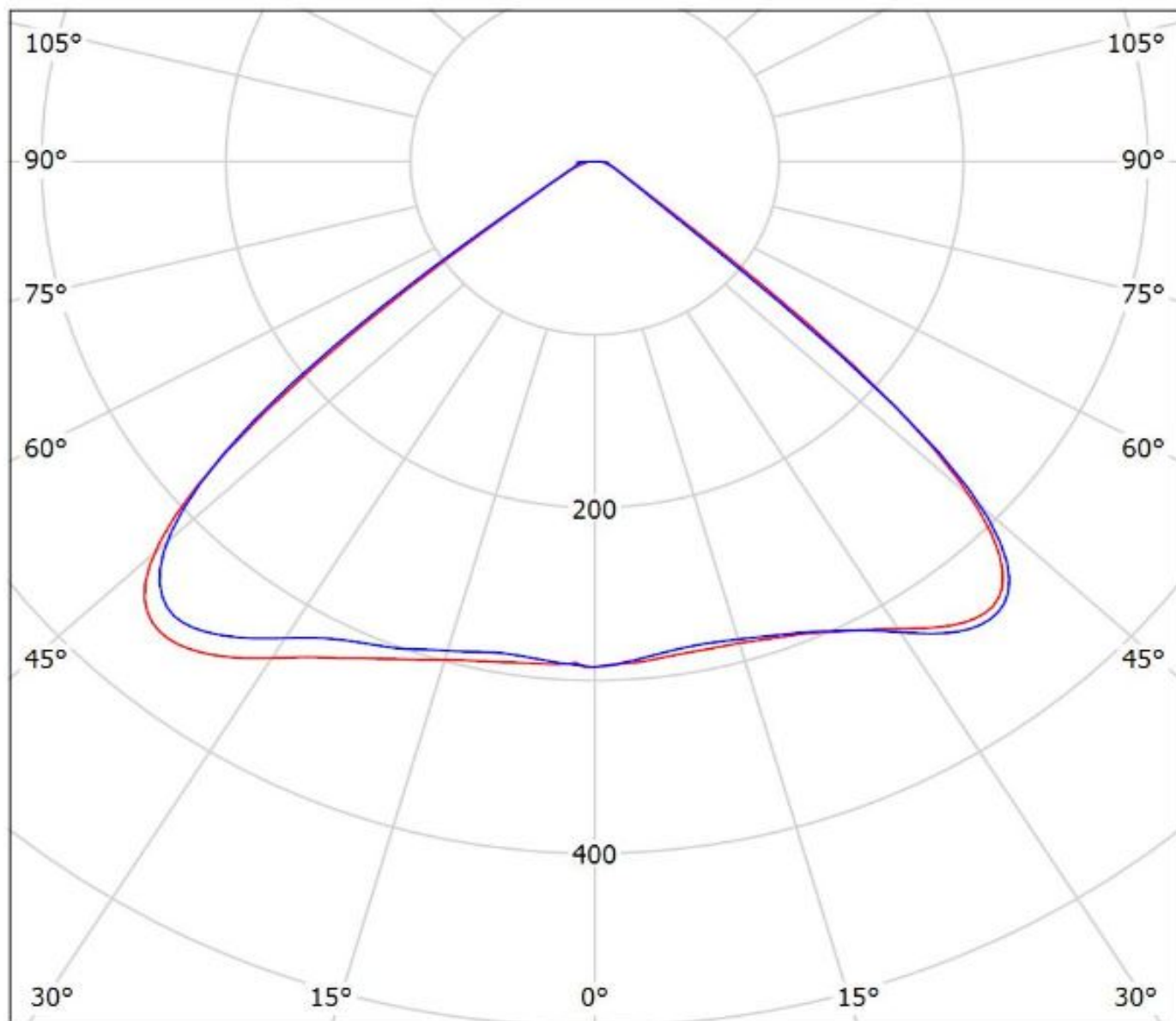
cd/klm

— C0 - C180 — C90 - C270

$\eta = 94\%$

Luminaire: LEDiL Oy FCN14648\_JENNY-CY\_(LUXEON\_M)

Lamps: 1 x LUXEON\_M\_(LXR7-SW40)\_318.732lm@250mA\_P=2.72282W\_I=249.8mA



cd/klm

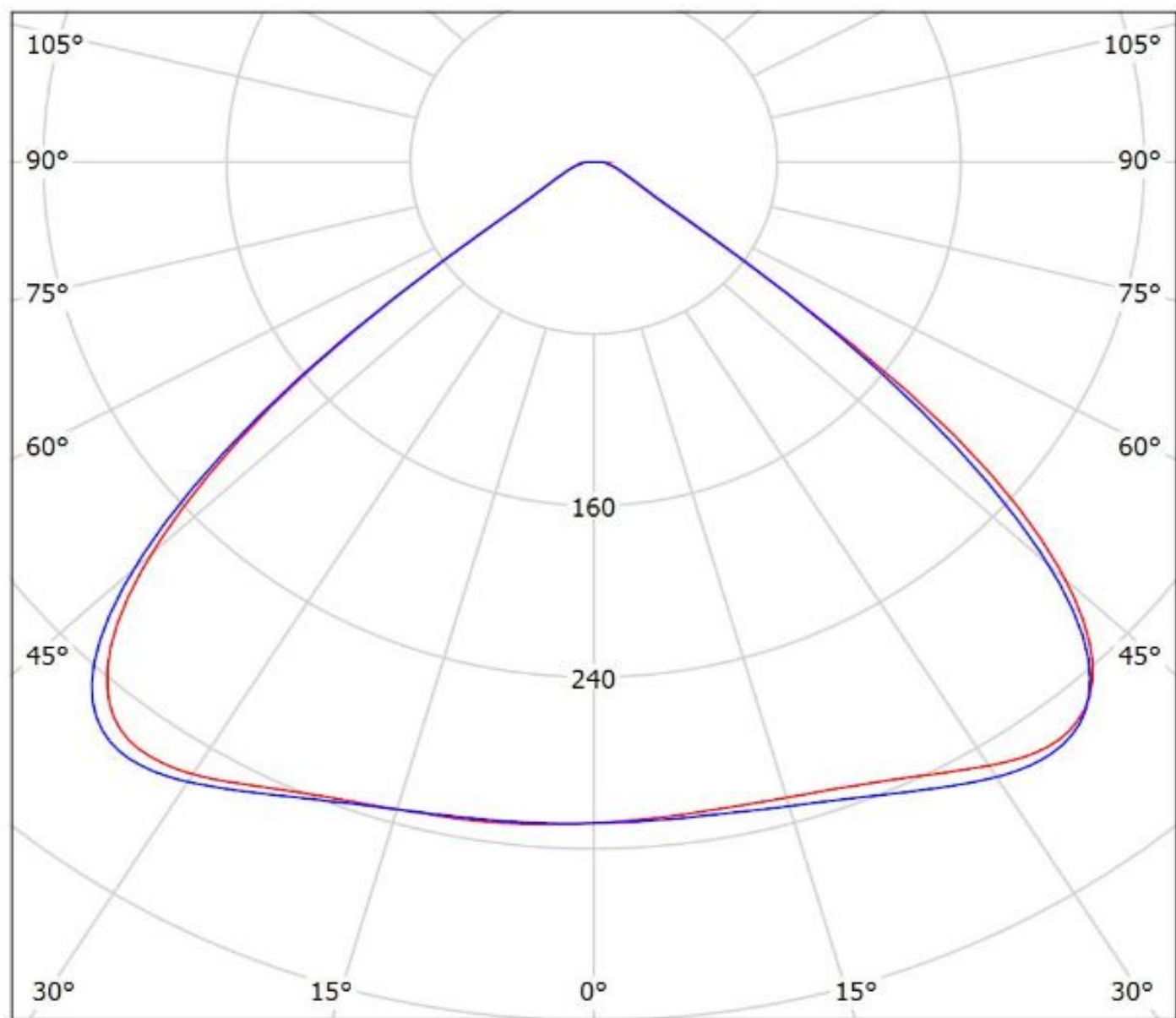
— C0 - C180    — C90 - C270

$\eta = 94\%$



Luminaire: LEDiL Oy FCN14648\_JENNY-CY\_(NSMx286M)

Lamps: 1 x NICHIA\_NSMx286M\_(NSML286ME)\_335.4lm@100mA\_P=3.43543W\_I=100.1mA



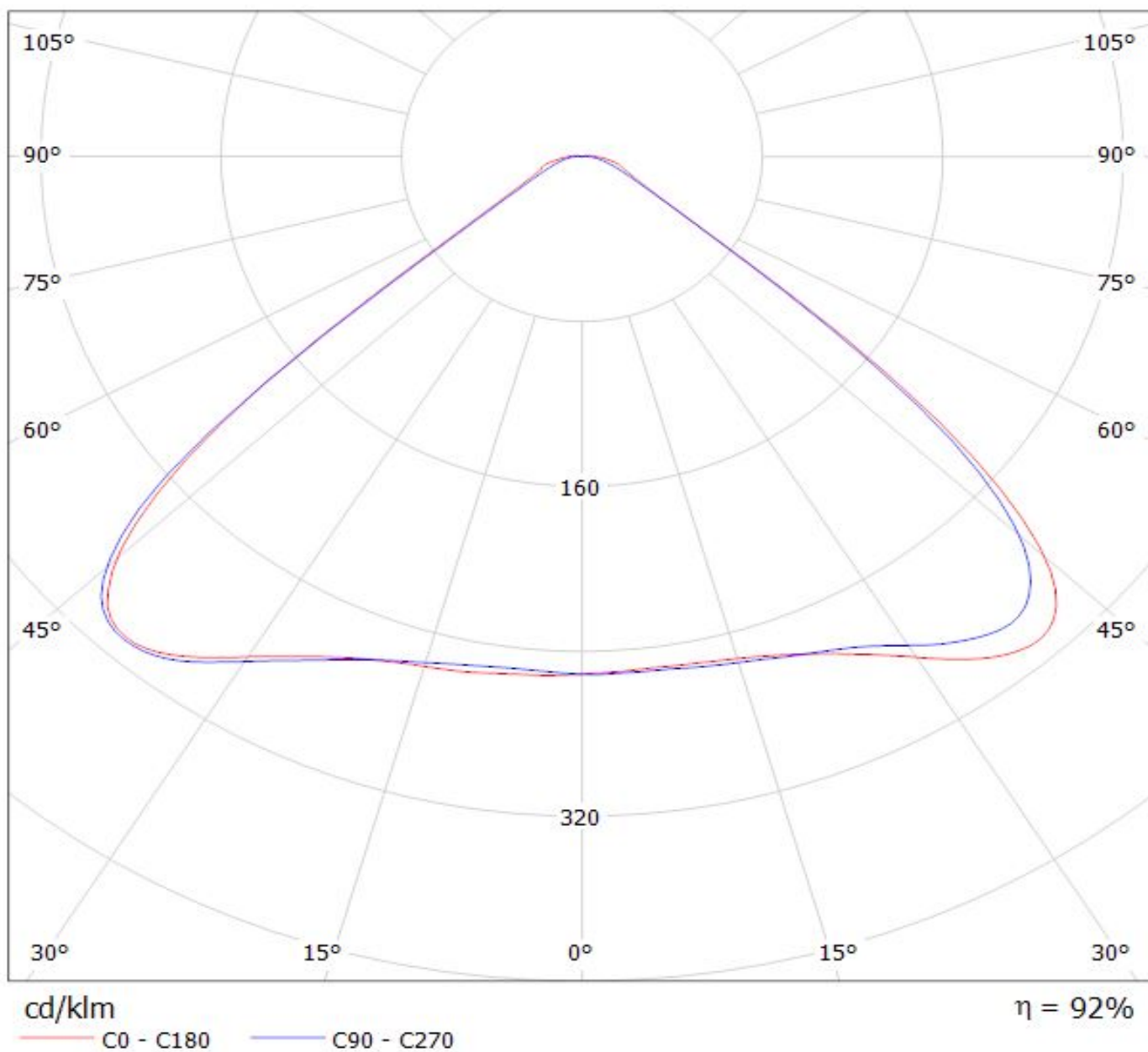
cd/klm

— C0 - C180 — C90 - C270

$\eta = 94\%$

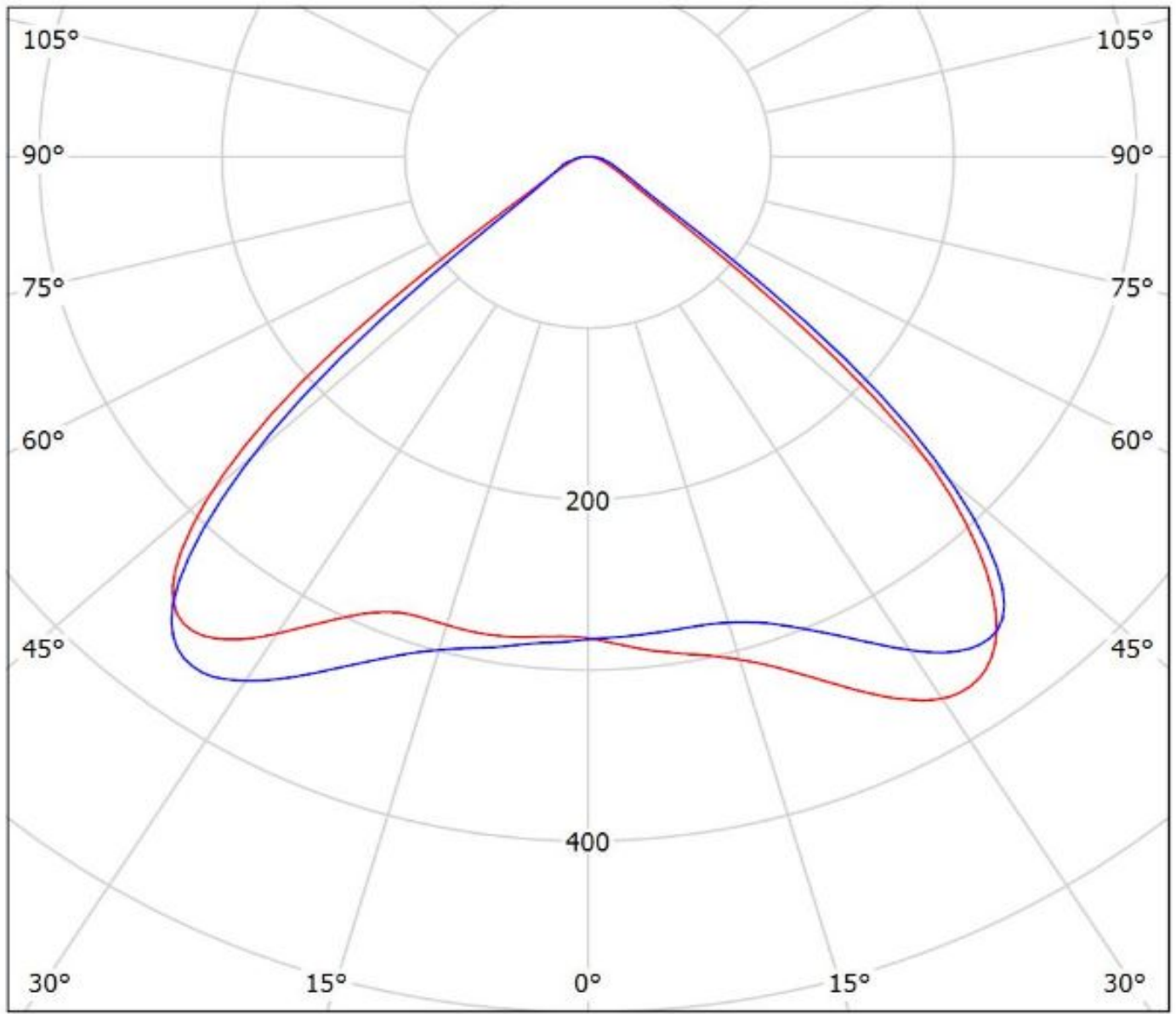
Luminaire: LEDiL Oy FCN14648\_JENNY-CY\_(NV4x144A)

Lamps: 1 x Nichia\_NV4x144A\_477.334lm@250mA\_P=2.8030W\_I=0.250A



Luminaire: Ledil FCN14648\_JENNY-CY\_(Duris\_S8)

Lamps: 1 x Osram\_Duris\_S8\_(GW\_P9LMS1.EC)\_201.491lm@100mA\_CCT=2857K\_P=1.8W\_I=0.1A

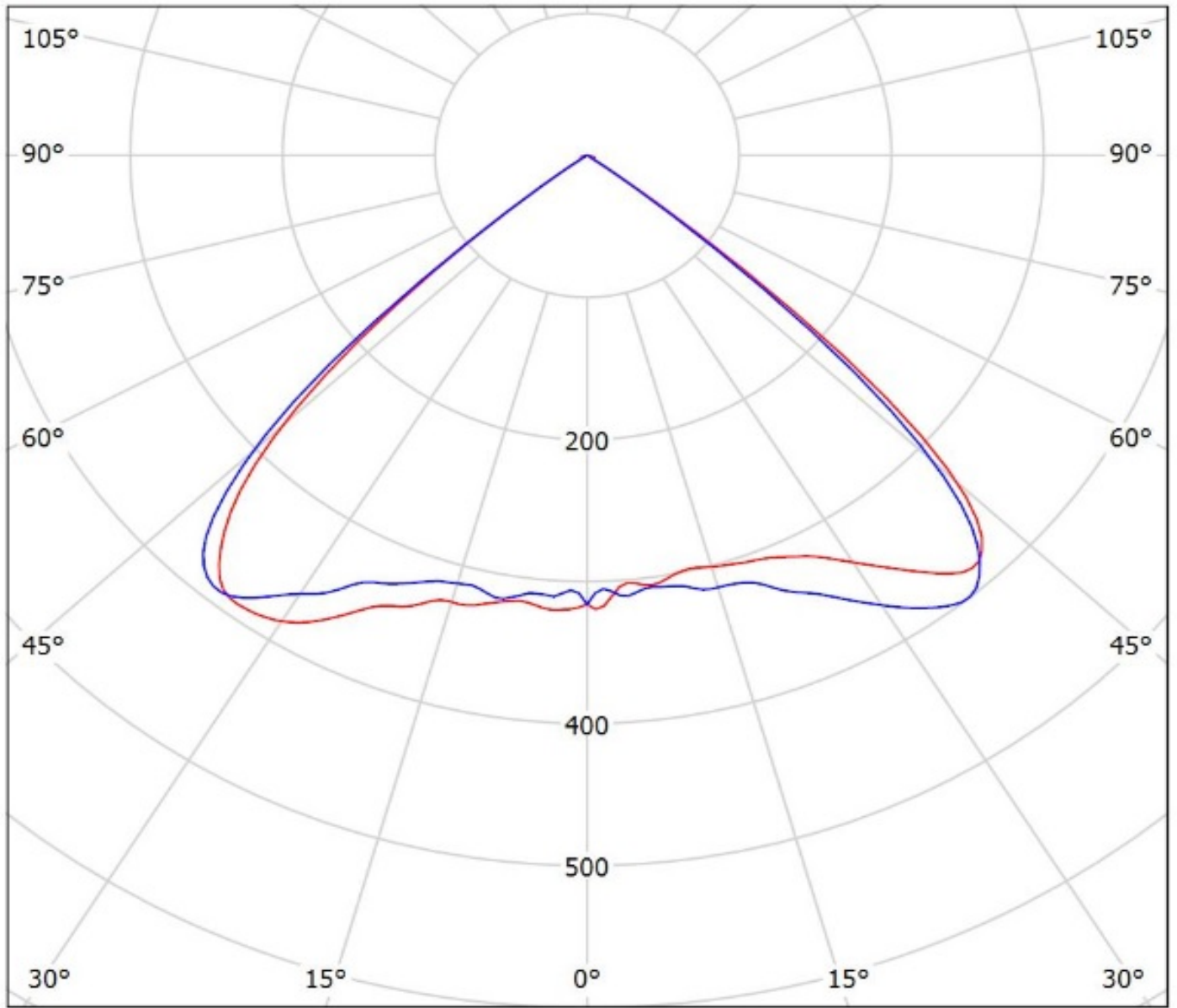


cd/klm

— C0 - C180 — C90 - C270

$\eta = 94\%$

Luminaire: Ledil Oy FCN14648\_JENNY-CY\_(Duris\_S10)\_SIMULATED  
Lamps: 1 x Osram Duris S10 (GW P7LM32.EM)

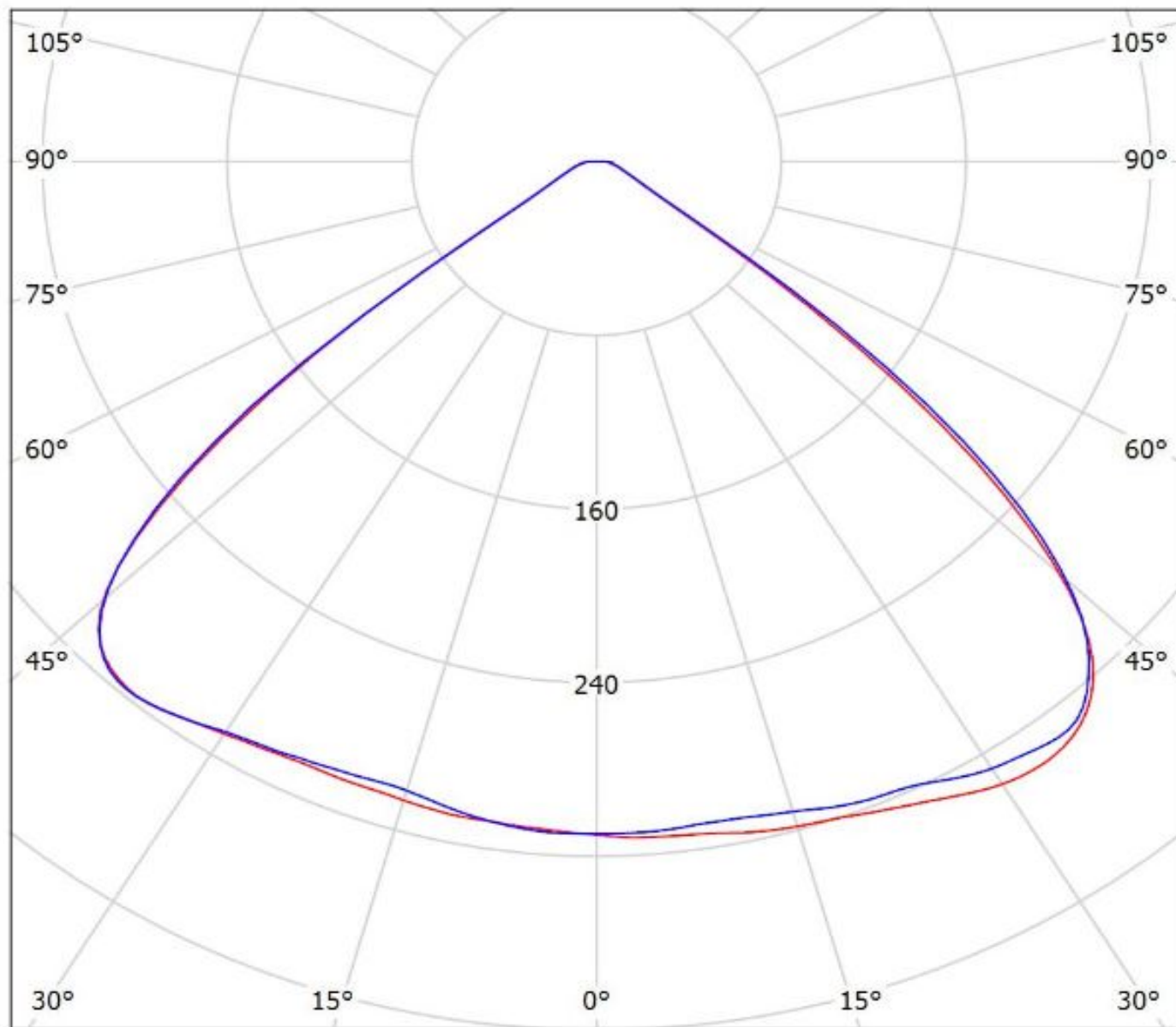


cd/klm  
— C0 - C180 — C90 - C270

$\eta = 96\%$

Luminaire: LEDiL Oy FCN14648\_JENNY-CY\_(P6)

Lamps: 1 x OSRAM\_SOLERIQ\_P6\_(GW\_MAFJB1.EM)\_693.953lm@250mA\_P=6.29348W\_I=249.9mA



cd/klm

— C0 - C180

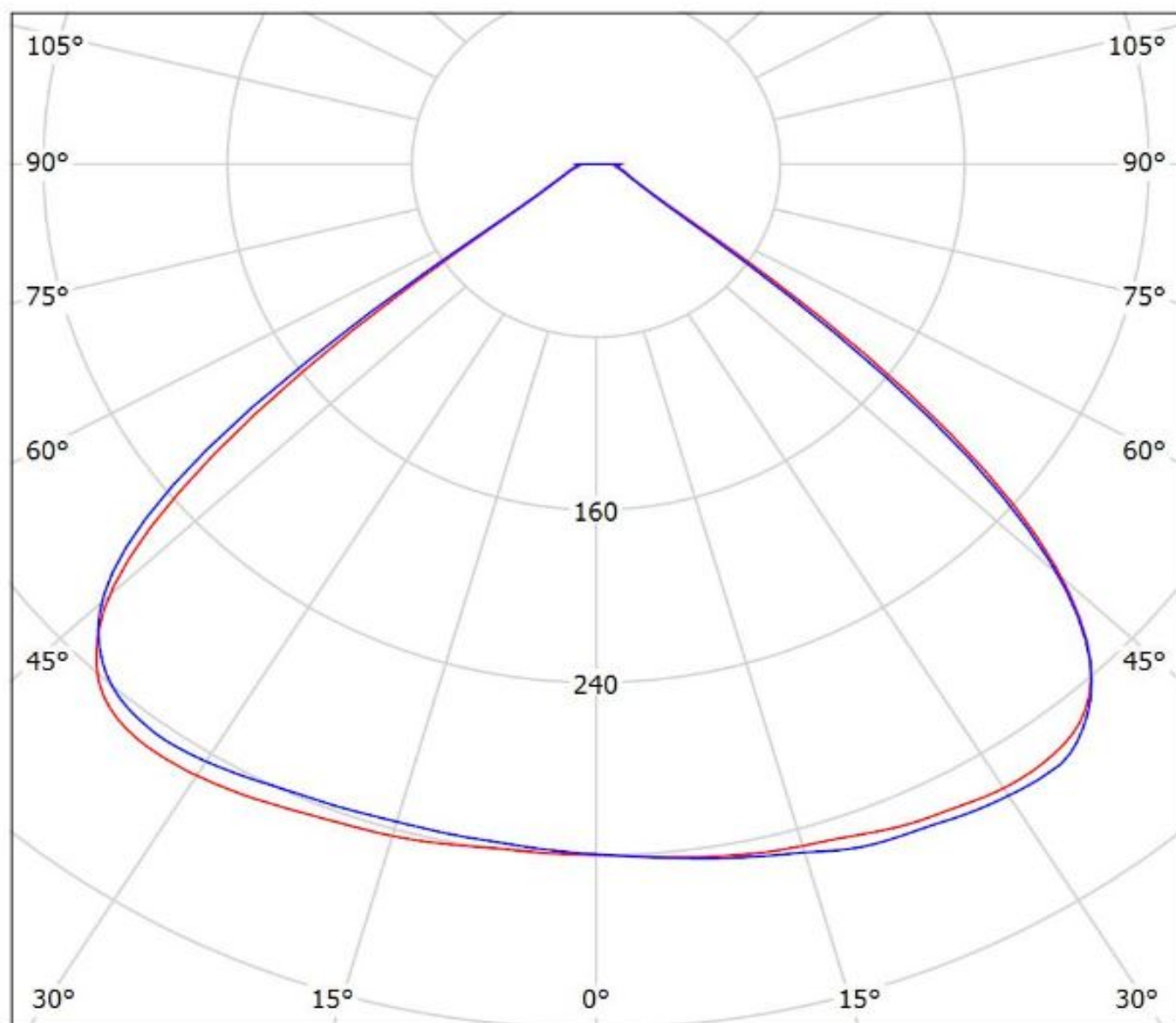
— C90 - C270

$\eta = 94\%$



Luminaire: LEDiL Oy FCN14648\_JENNY-CY\_(P9)

Lamps: 1 x OSRAM\_SOLERIQ\_P9\_(GW\_MAFJB1.EM)\_911lm@250mA\_P=6.90072W\_I=249.8mA



cd/klm

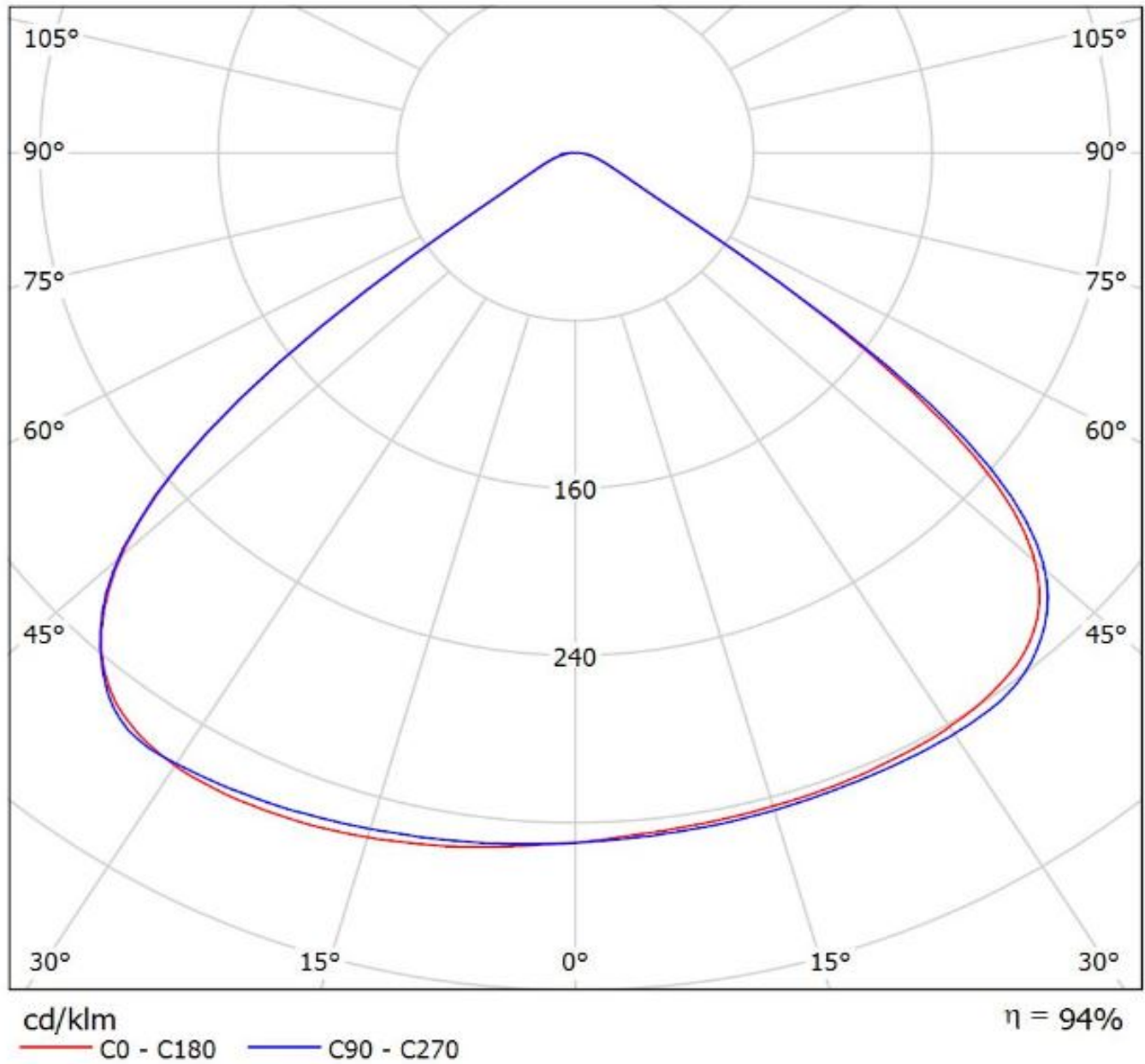
— C0 - C180

— C90 - C270

$\eta = 94\%$

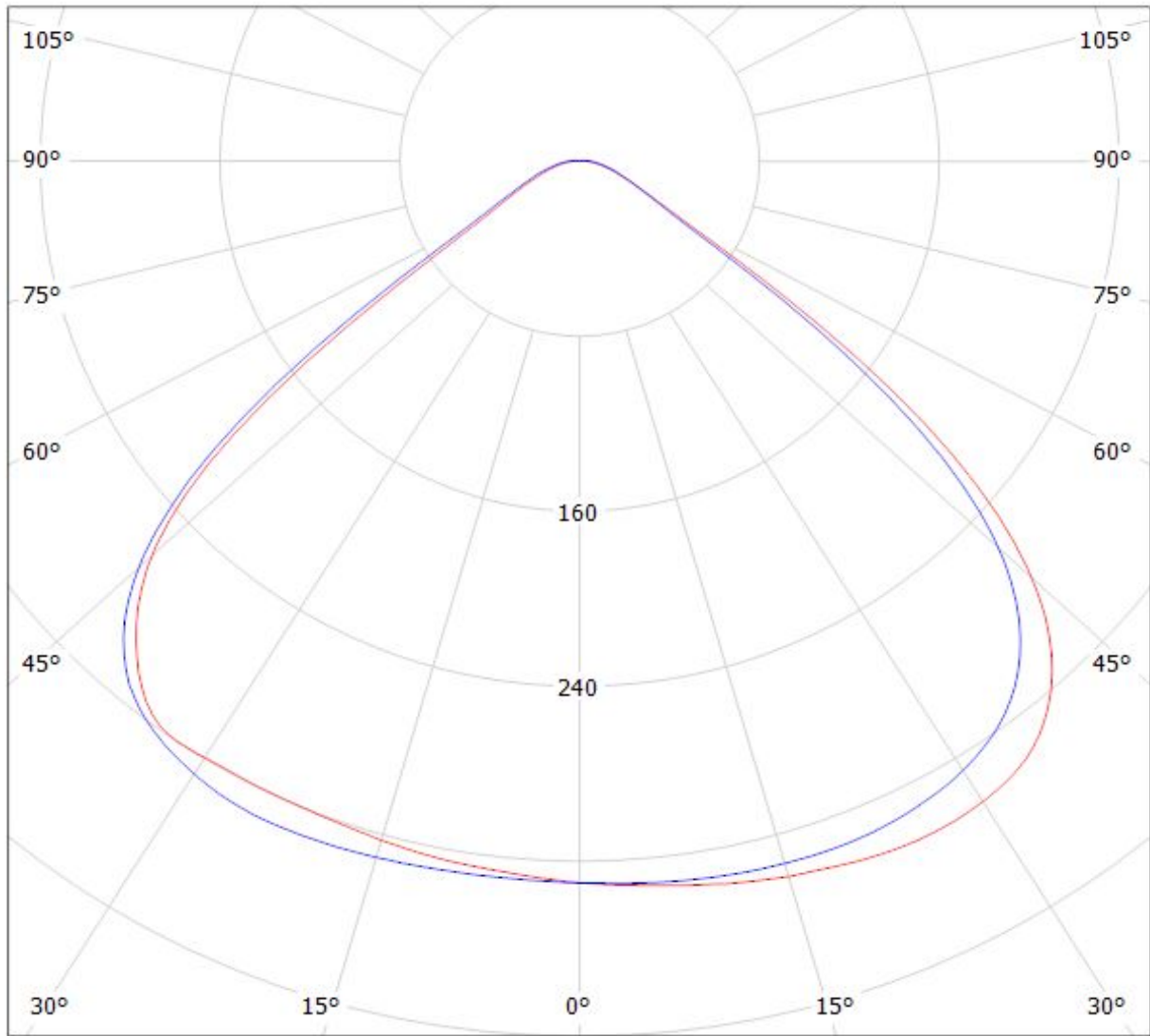
Luminaire: LEDiL Oy FCN14648\_JENNY-CY\_(COB\_D\_LES\_9.8mm)

Lamps: 1 x Samsung\_COB\_D\_series\_LES\_9.8mm\_LC013D\_534.999lm@100mA\_P=3.1948W\_I=0.100A



Luminaire: Ledil FCN14648\_JENNY-CY\_(MJT\_12W\_Les9,8)

Lamps: 1 x Seoul\_MJT\_12W\_Les9.8mm\_(SAWx1063A)\_1245.58lm@250mA\_P=8.30025W\_I=0.25A



cd/klm

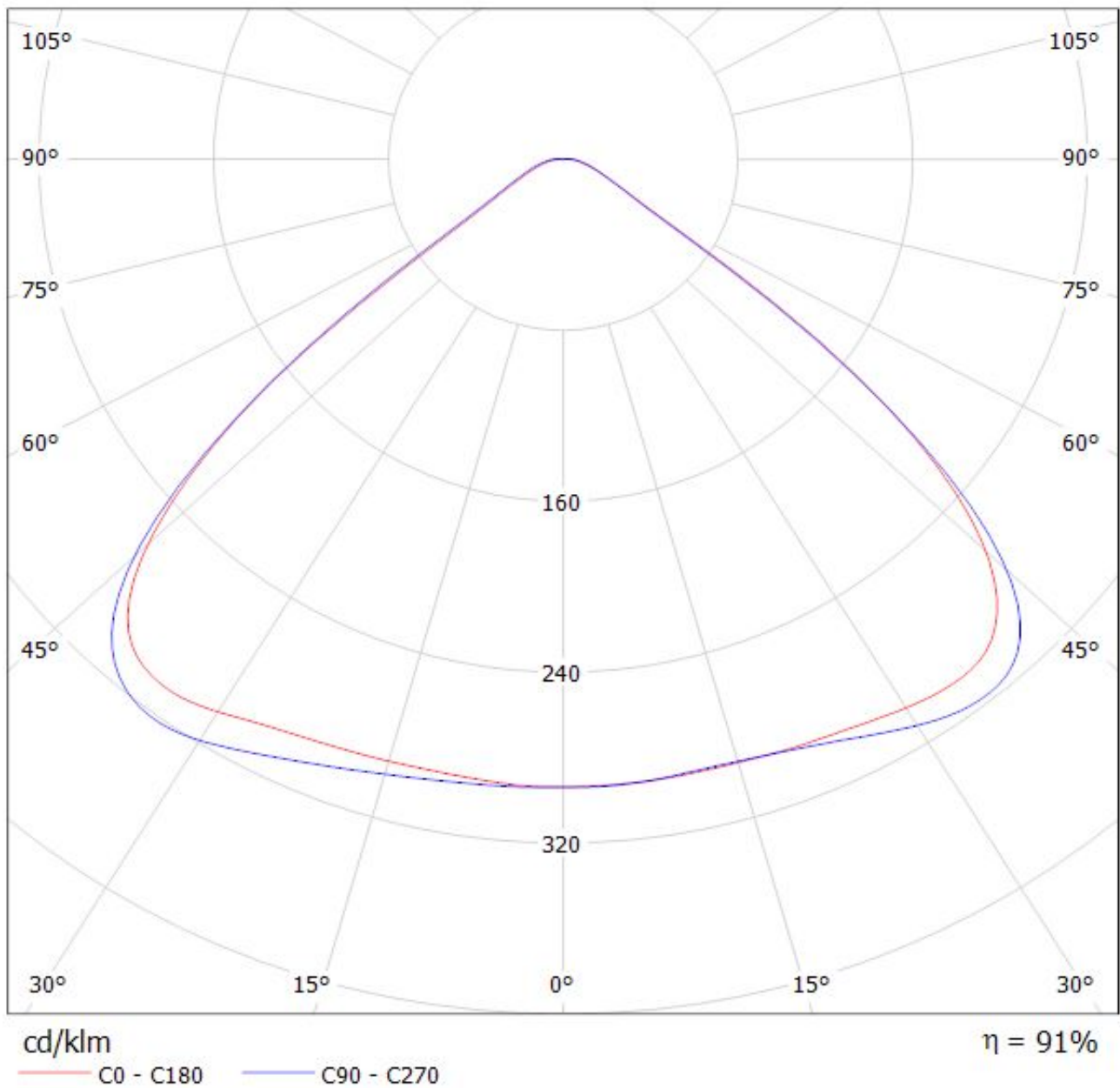
— C0 - C180    — C90 - C270

$\eta = 93\%$



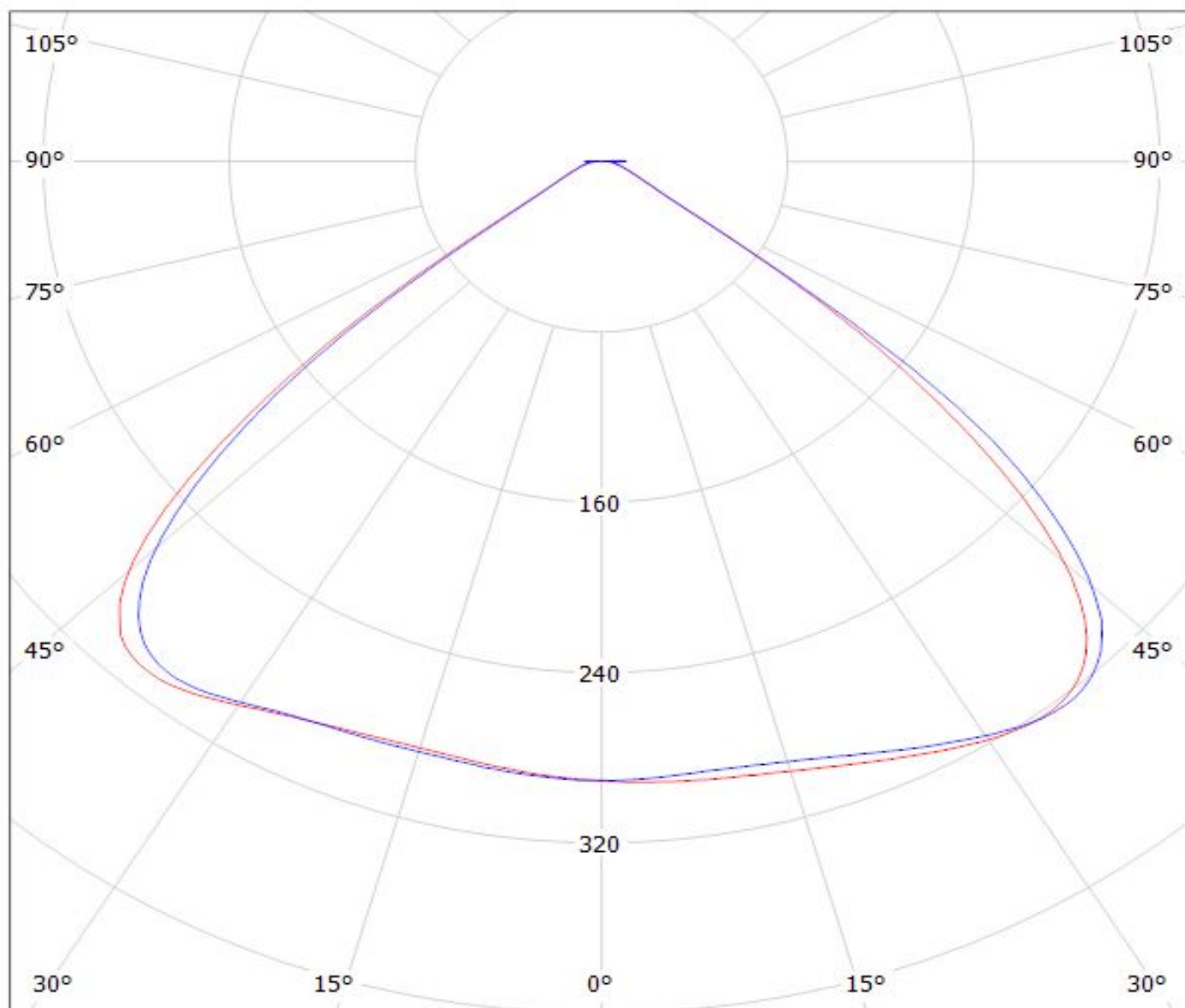
Luminaire: Ledil FCN14648\_JENNY-CY\_(MJT\_6W\_Les6)

Lamps: 1 x Seoul\_MJT\_6W\_Les6mm\_(SAWx0661A)\_820.711lm@180mA\_P=6.3909W\_I=0.18A



Luminaire: LEDiL Oy FCN14648\_JENNY-CY\_(SLE-G5\_LES-6)

Lamps: 1 x Tridonic\_SLE-G5\_LES-6\_470.842lm@100mA\_P=3.3743W\_I=0.100A



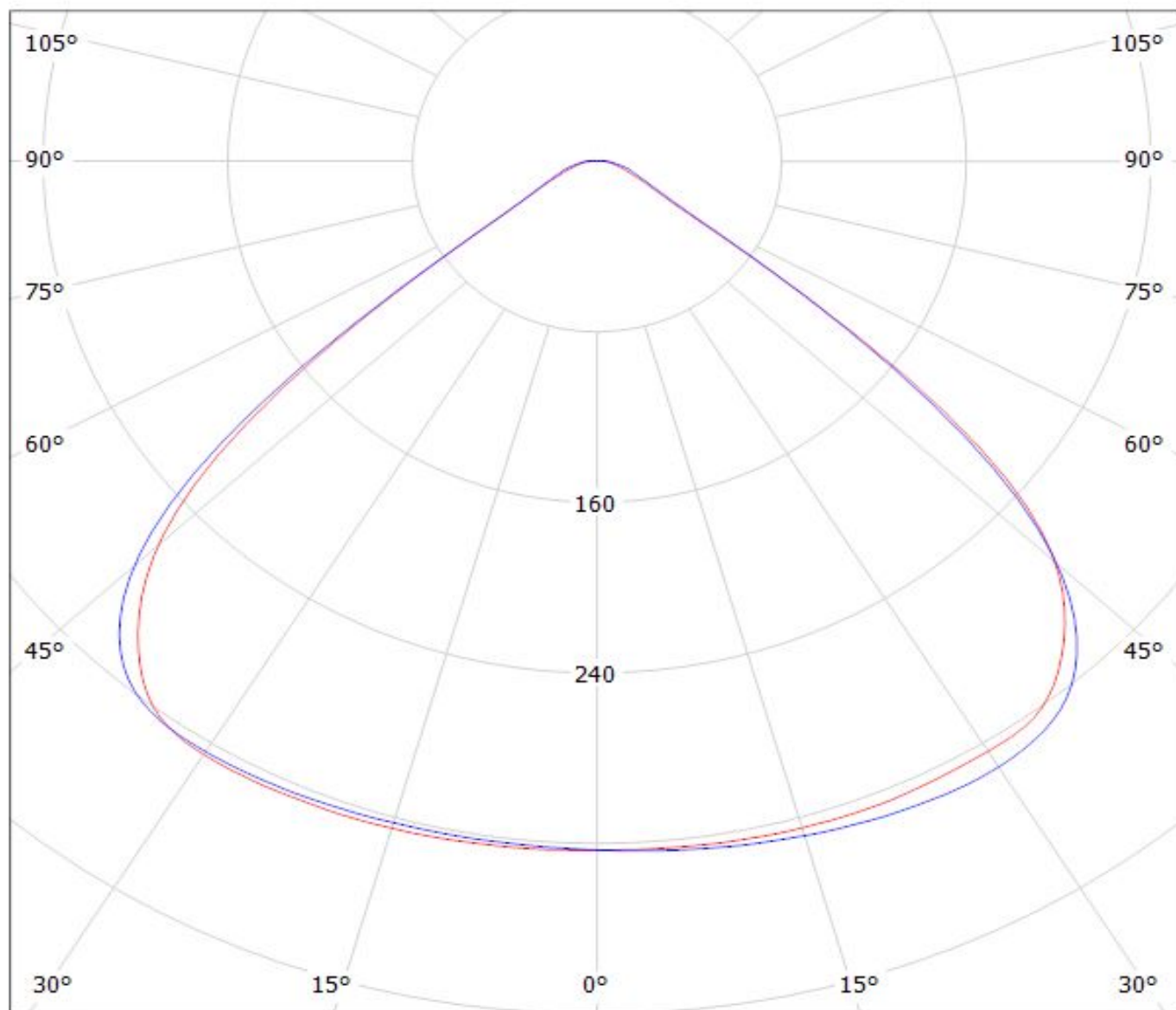
cd/klm

— C0 - C180    — C90 - C270

$\eta = 93\%$

Luminaire: LEDiL Oy FCN14648\_JENNY-CY\_(SLE-G5\_LES-11)

Lamps: 1 x Tridonic\_SLE-G5\_LES-11\_1186.5lm@250mA\_P=8.3528W\_η=0.250A



cd/klm

— C0 - C180

— C90 - C270

η = 91%

**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.**

### **GENERAL INFORMATION**

- Product series especially designed & optimized for series of LEDs.
- Special care taken to make light distribution as uniform as possible.

Note! Due to use of high power COB's with this product, special attention to proper thermal design is highly recommended. LEDiL has no liability for direct, indirect or consecutive damages arising from the LEDiL products being used outside of the recommended temperature range.