PRODUCT DATASHEET
Jenny series
last update 18/10/2016

DETAILS

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

OPTICAL PROPERTIES

LED	Viewing Angle	Light Beam	Effi-ciency	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	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	-
SLE G5 LES6	108+108 deg	Wide-Area...	93 %	0.400	-
SLE G5 LES11	106+106 deg	Wide-Area...	91 %	0.350	-

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24240 SALO, Finland

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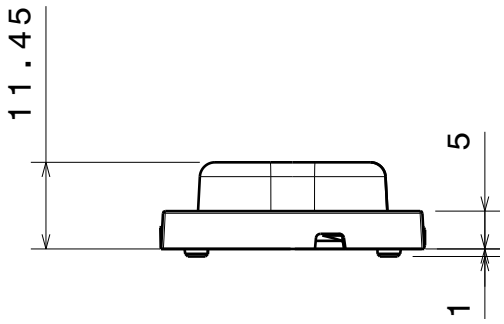
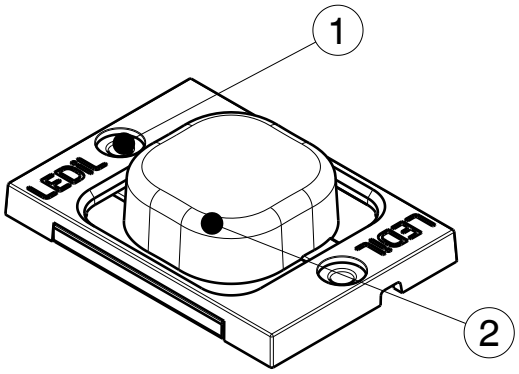
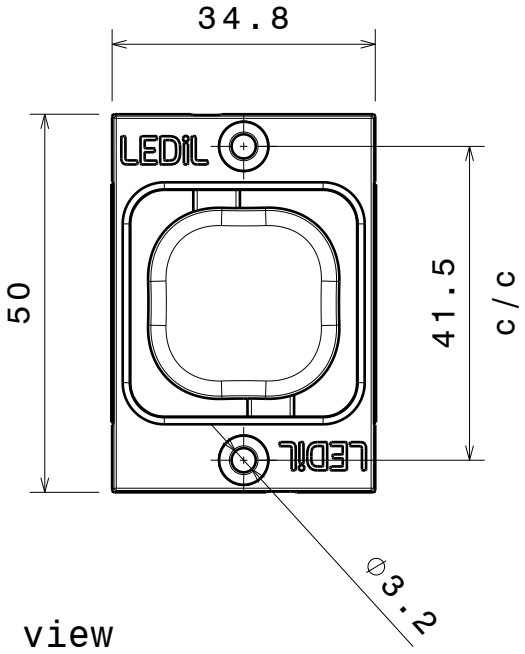
FAX: +358-2-733 8001



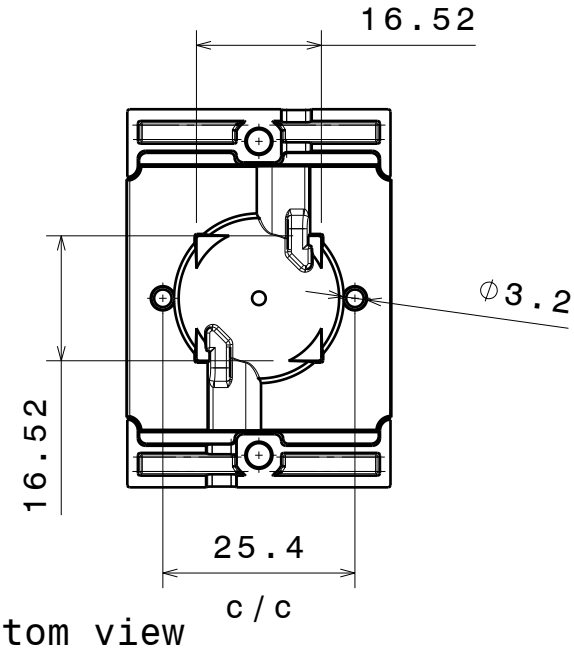
Front view



Isometric view



Top view



Bottom view

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 Oy
Salorankatu 10
FIN 24240 SALO
Finland

THIRD ANGLE PROJECTION:

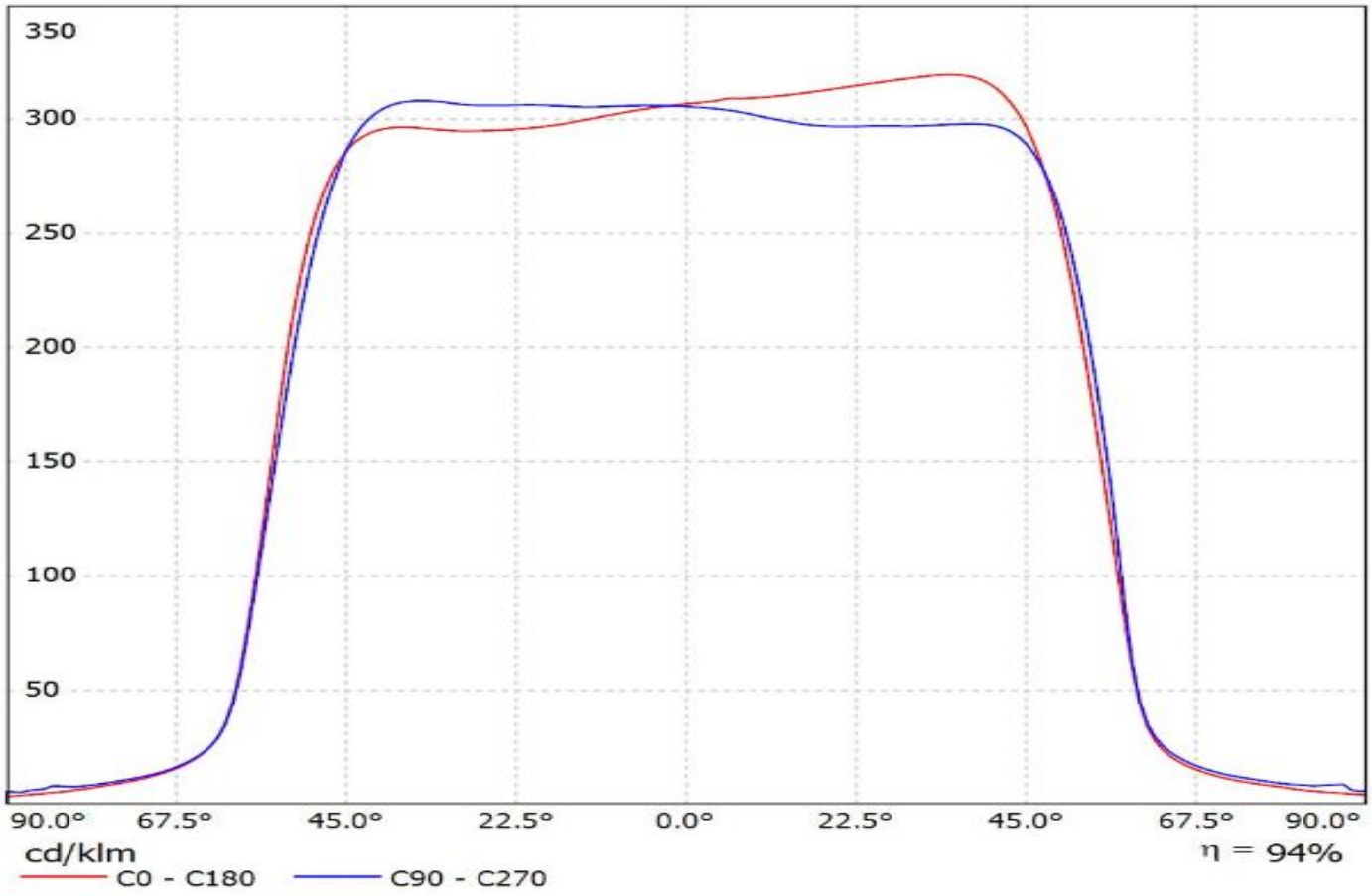
DRAWING TITLE

FCN14648_JENNY-CY

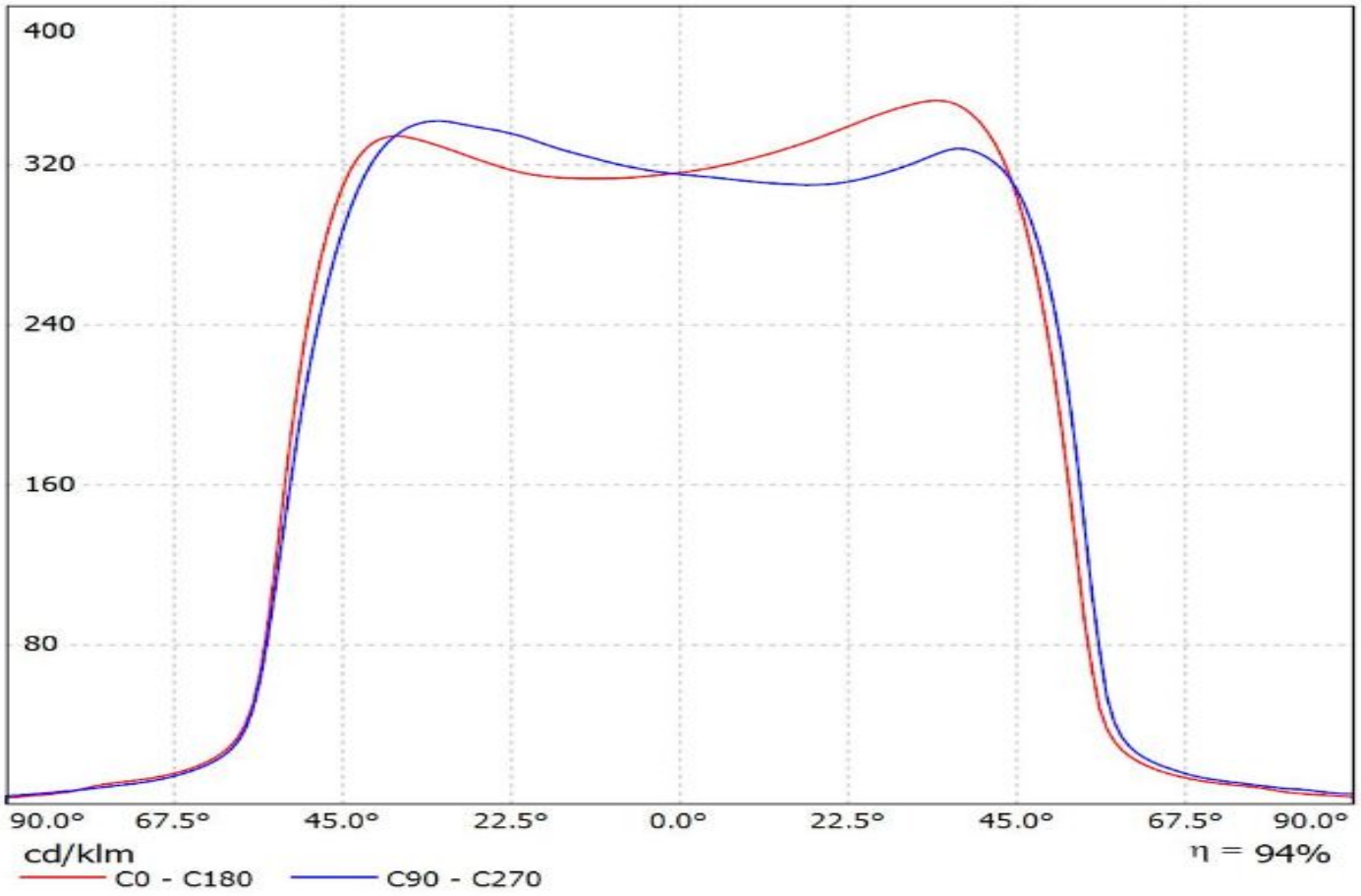
SIZE	PART NUMBER
A4	FCN14648

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

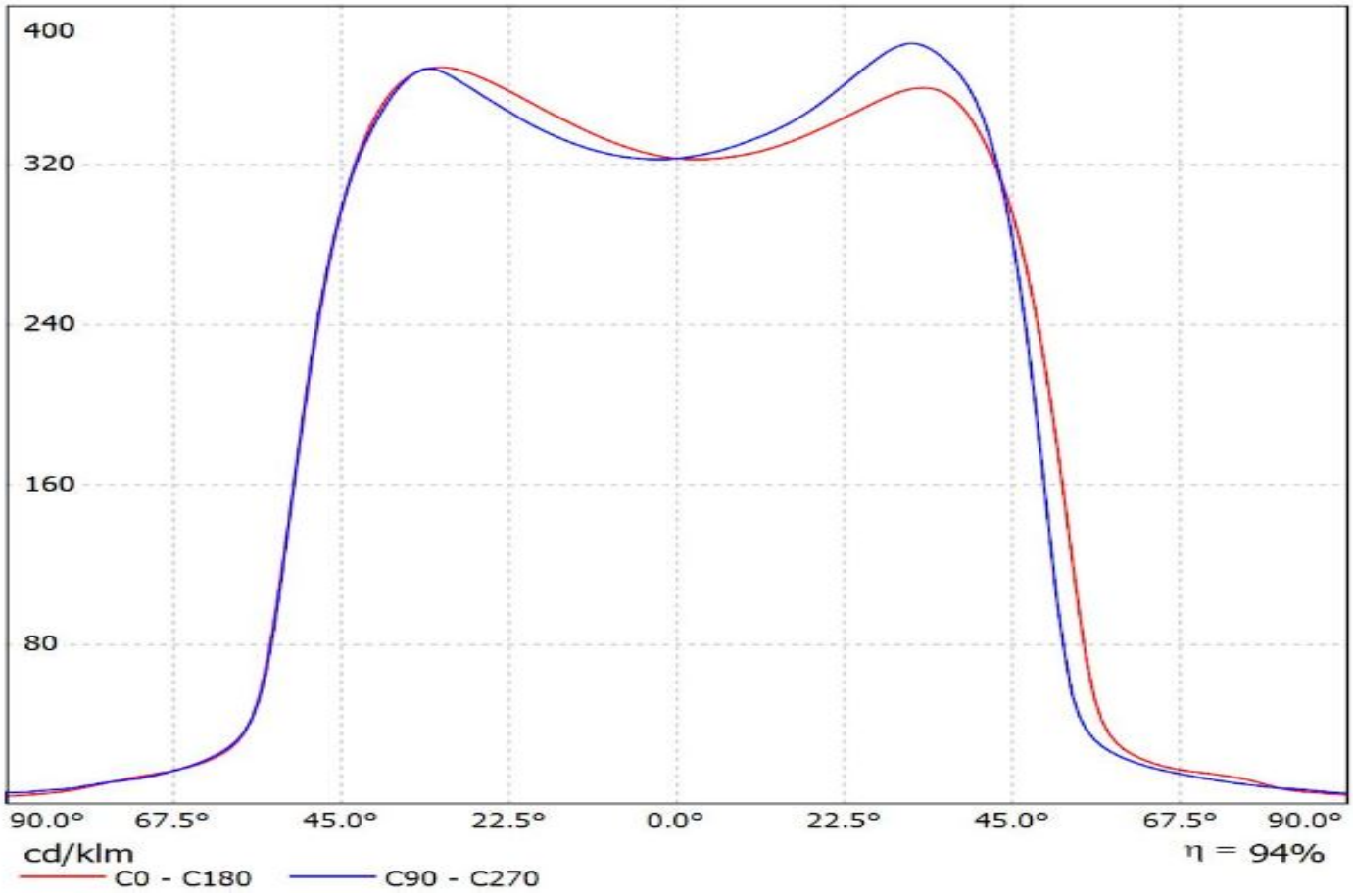
Luminaire: LEDiL Oy FCN14648_JENNY-CY_(V6)
Lamps: 1 x BRIDGELUX_V6_447.582lm@250mA_P=5.15119W_I=249.9mA



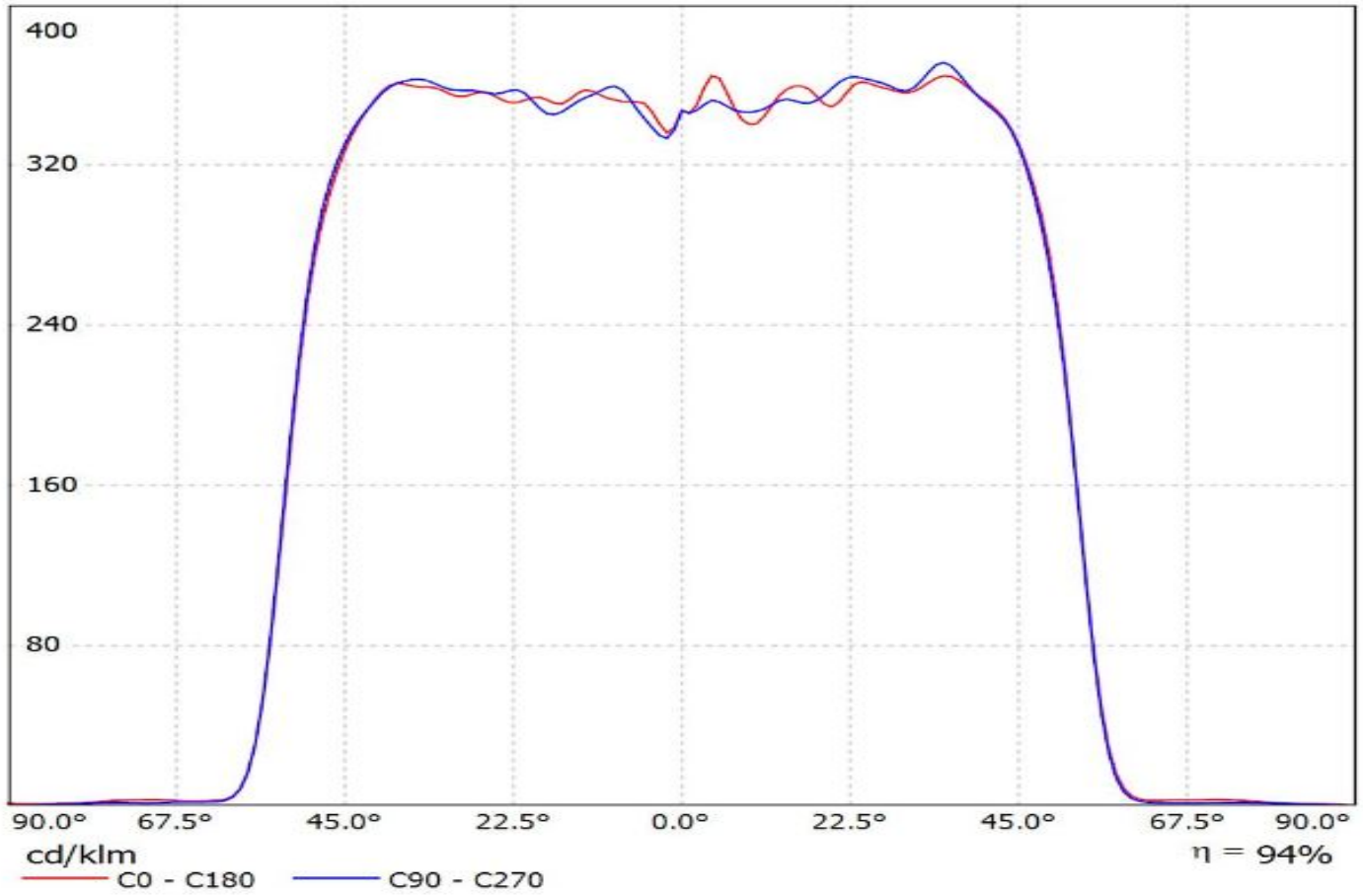
Luminaire: LEDiL Oy FCN14648_JENNY-CY_(V8)
Lamps: 1 x BRIDGELUX_V8_871.869lm@250mA_P=8.88614W_I=249.8mA



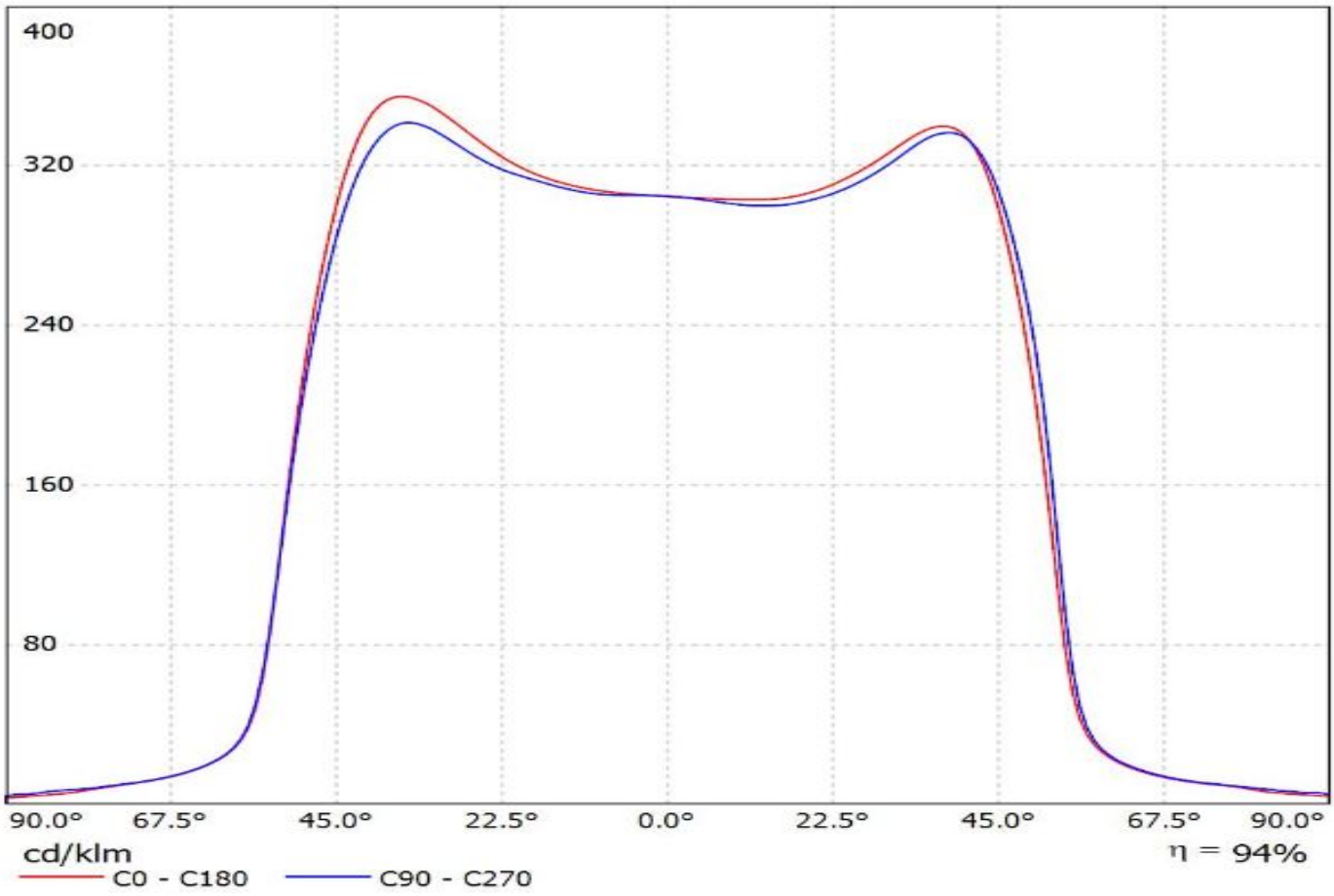
Luminaire: LEDiL Oy FCN14648_JENNY-CY_(V10)
Lamps: 1 x BRIDGELUX_V10_(BXRE-30E1000B-X2)_763.702lm@250mA_P=6.32922W_I=249.9mA



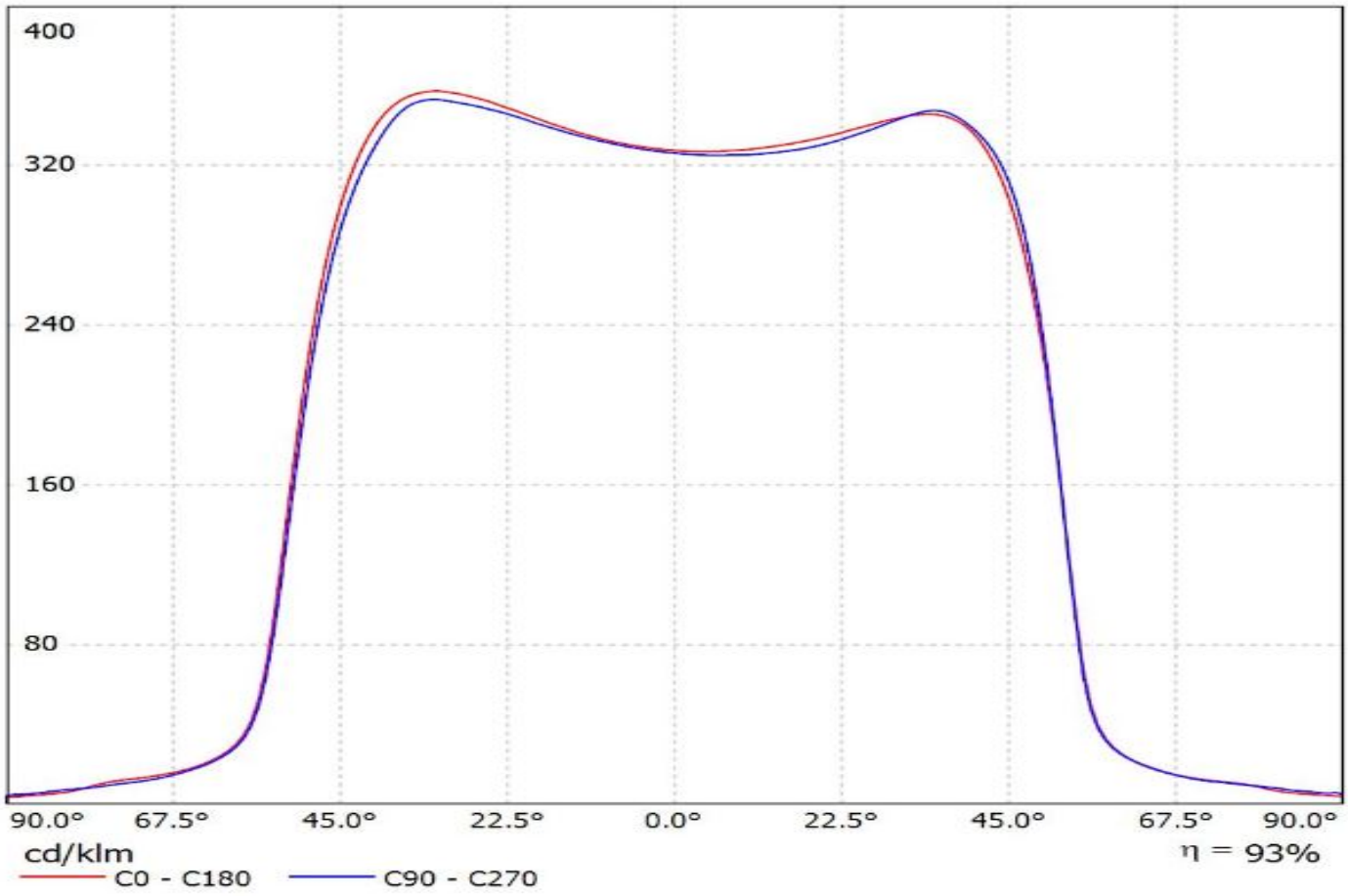
Luminaire: Ledil Oy FCN14648_JENNY-CY_BRIDGELUX_V10_Gen7_SIMULATED
Lamps: 1 x BRIDGELUX V10 Gen7



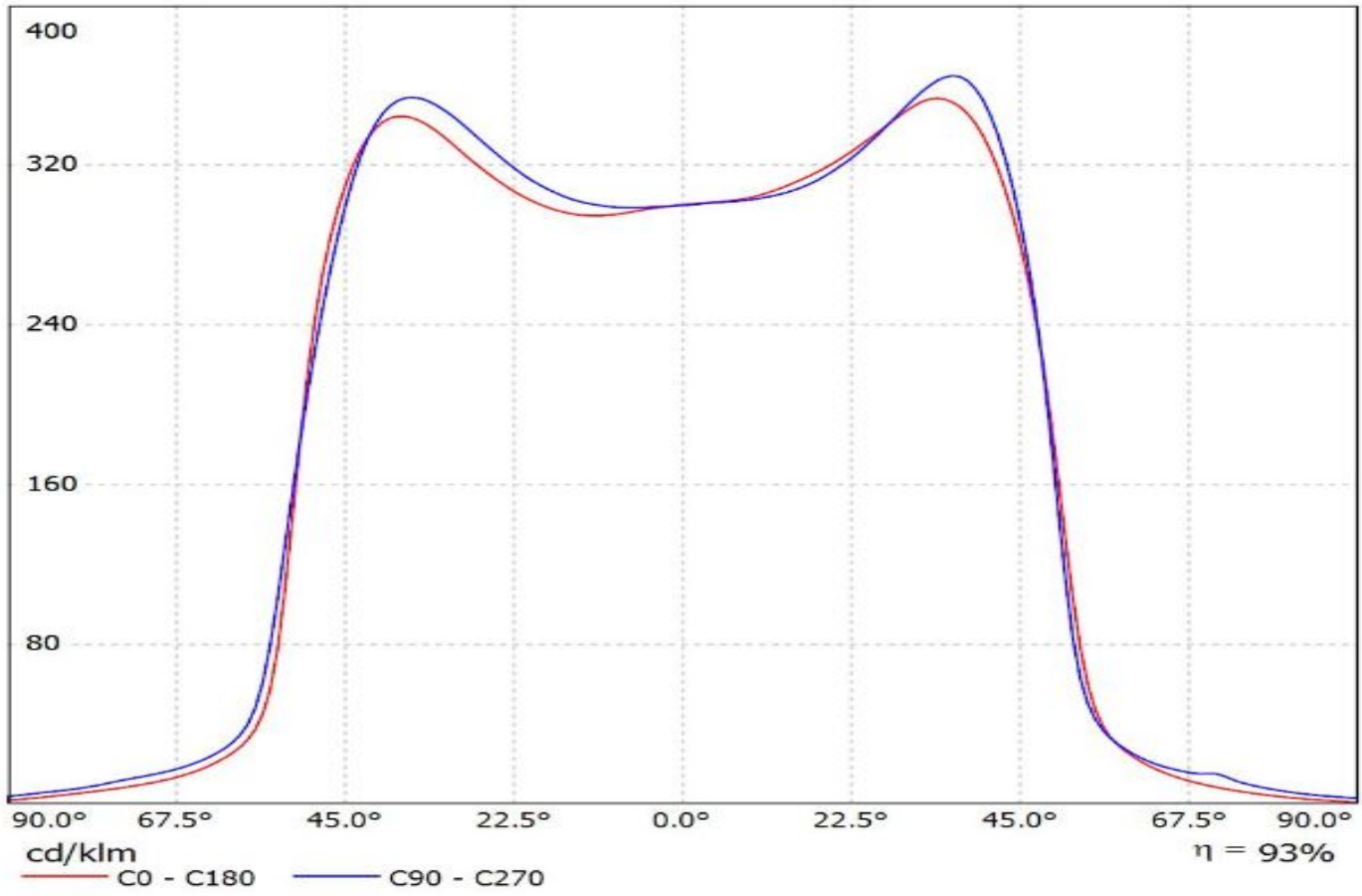
Luminaire: LEDiL Oy FCN14648_JENNY-CY_(CLL010)
Lamps: 1 x CITIZEN_CLL010_(CLL010-0305A1-303M1A2)_206.314lm@250mA_P=2.27184W_I=249.9mA



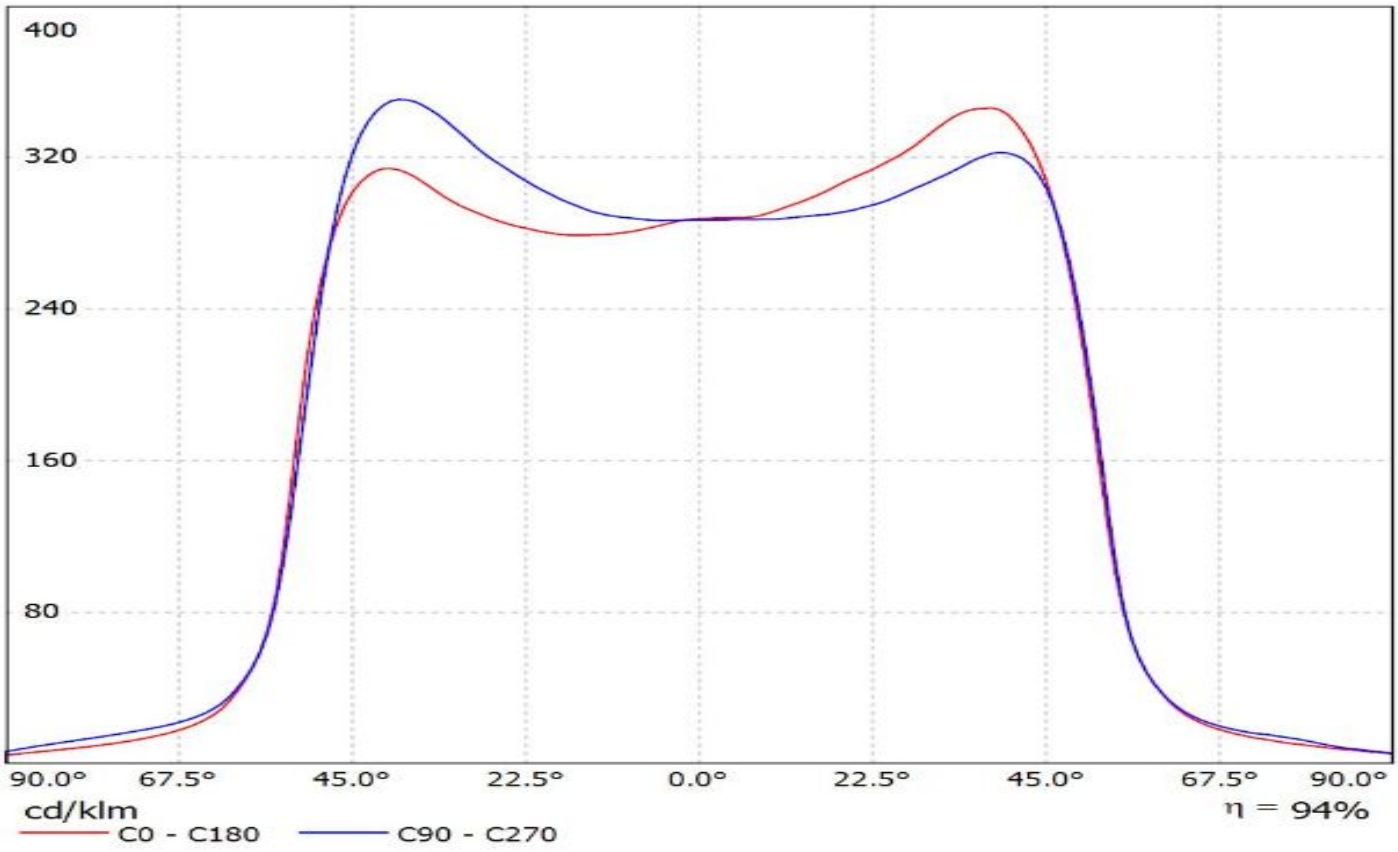
Luminaire: LEDiL Oy FCN14648_JENNY-CY_(CLL022)
Lamps: 1 x CITIZEN_CLL022_(CLL022-1204A5-030H7E1)_748.012lm@250mA_P=8.70803W_I=249.8mA



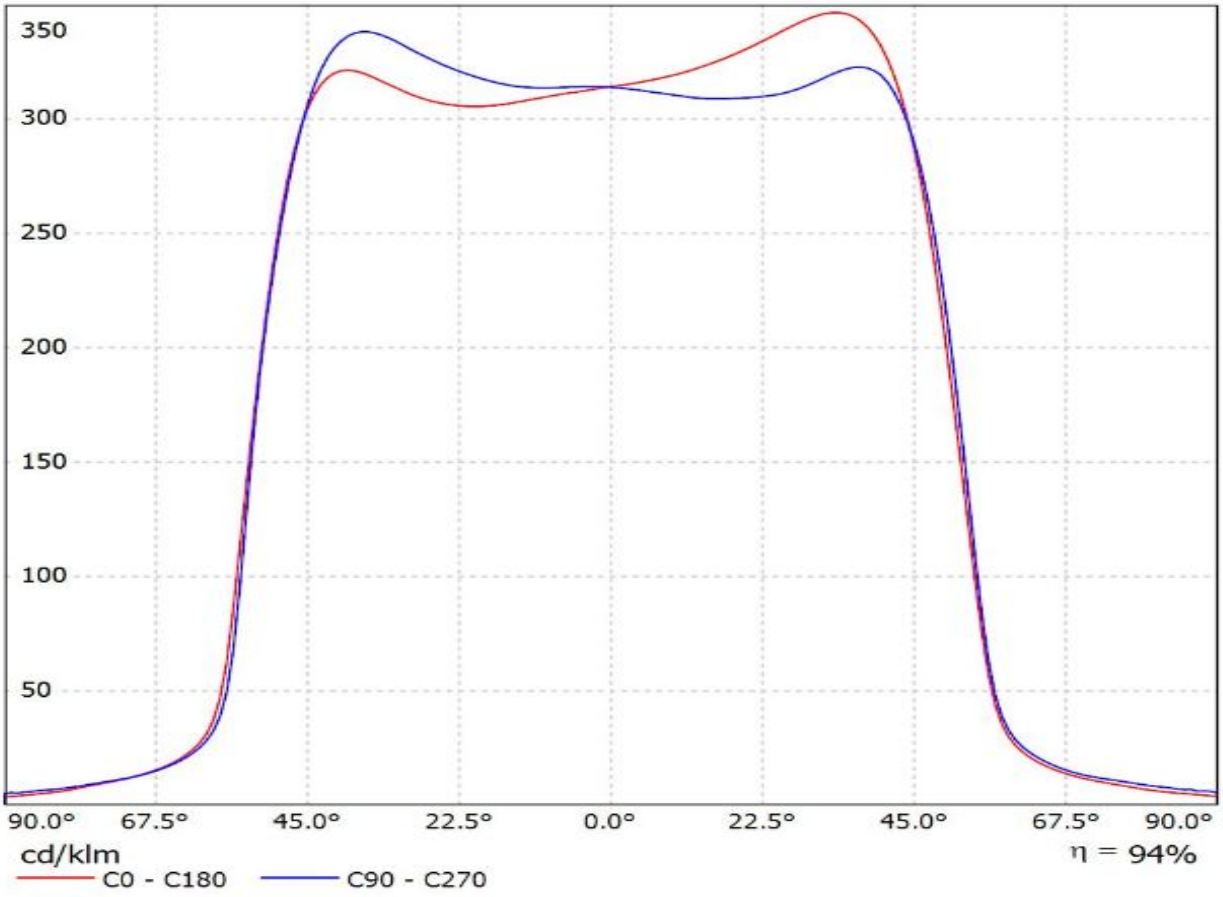
Luminaire: Ledil FCN14648_JENNY-CY_(CLU700)
Lamps: 1 x Citizen_CLU700_394.637lm@100mA_P=2.8W_I=0.10A



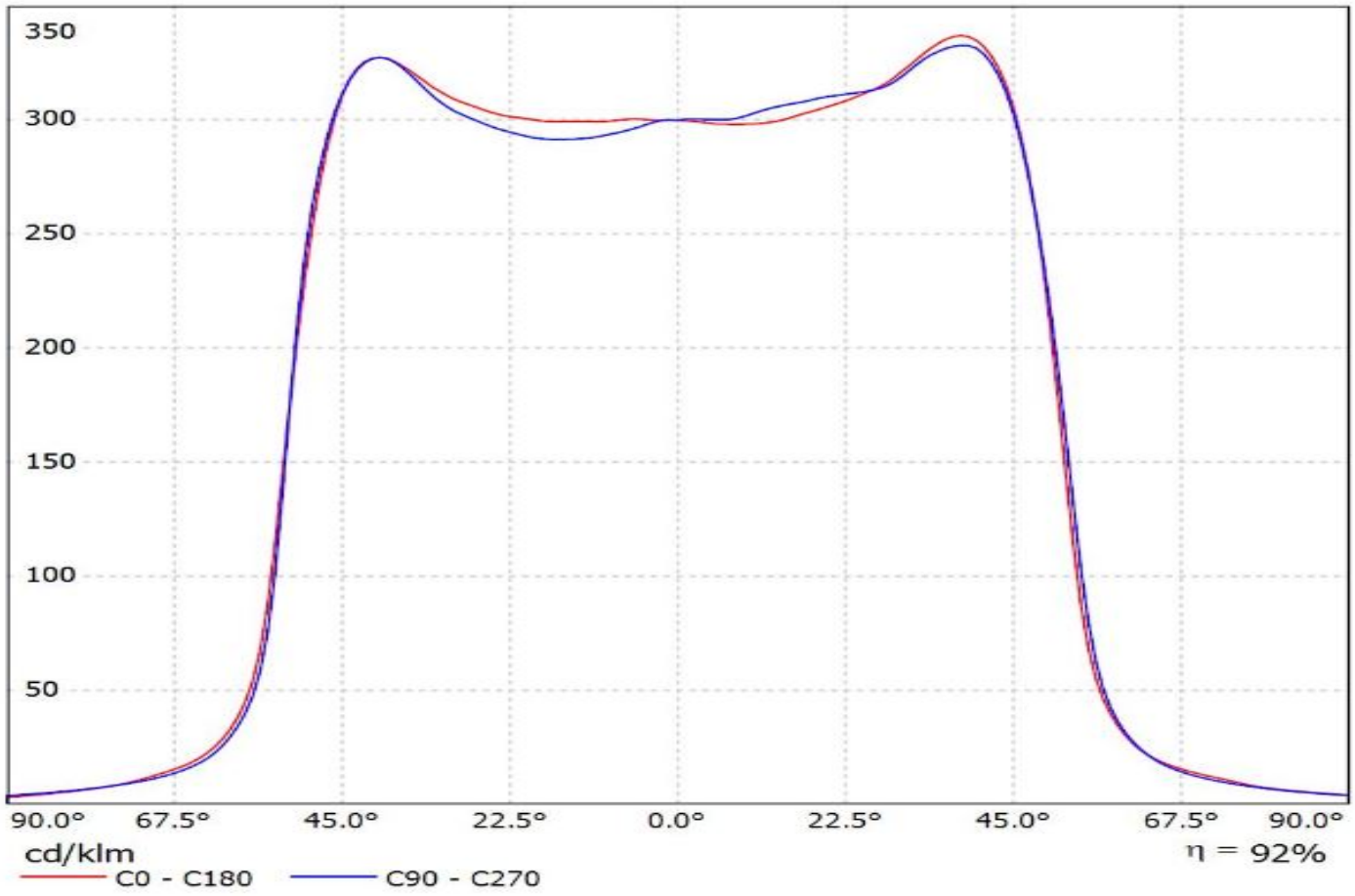
Luminaire: Ledil F14531_JENNY-CY_(XHP50)
Lamps: 1 x XHP50_warm_white_210.85lm@250mA_P=1.4W_I=0.25A



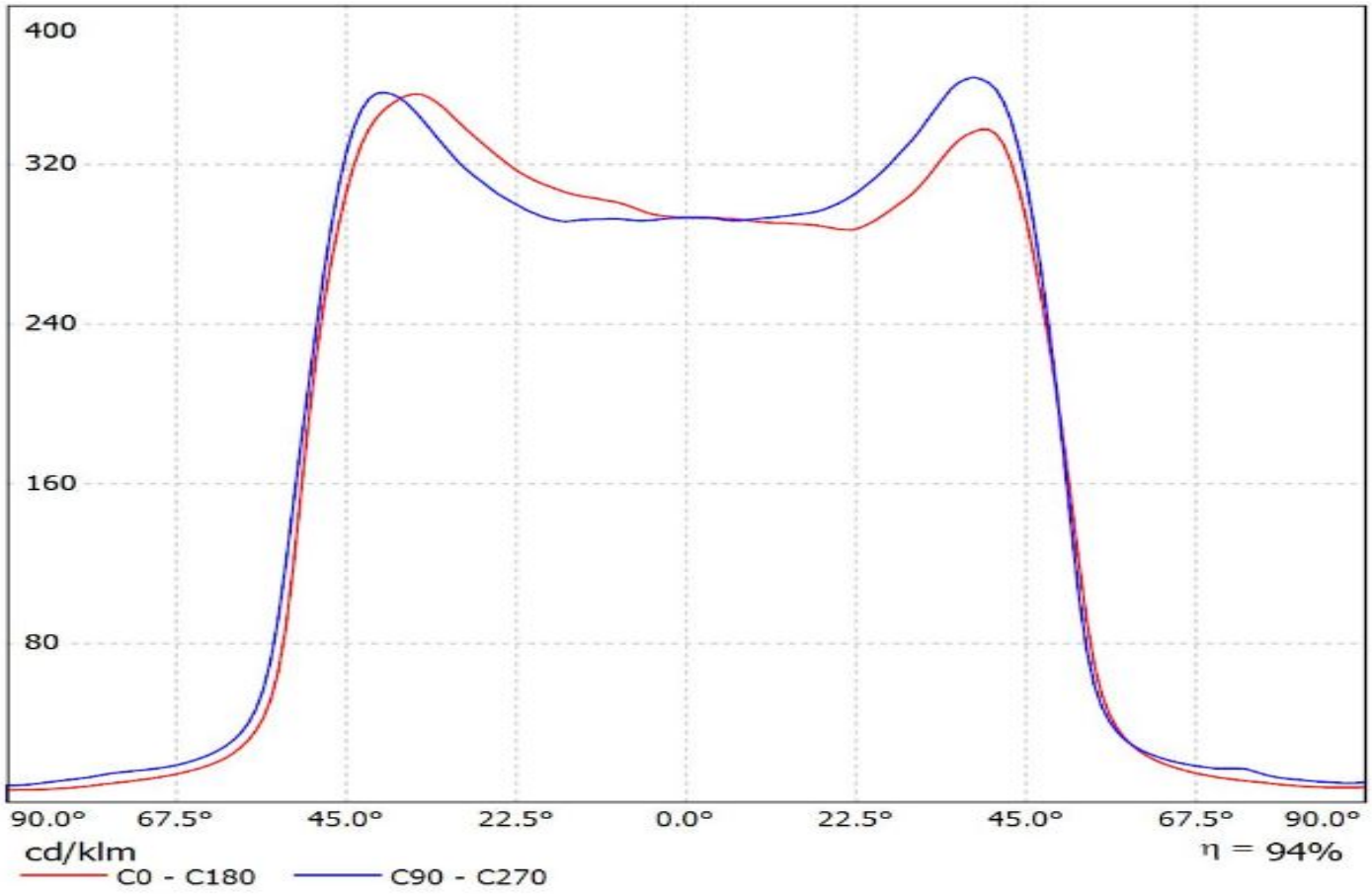
Luminaire: LEDiL Oy FCN14648_JENNY-CY_(CXA1310)
Lamps: 1 x CREE_CXA1310_(CXA1310-30H-G4-F0Y-00001)_367.9lm@250mA_CCT=3000K_P=4.22112W_I=249.8mA



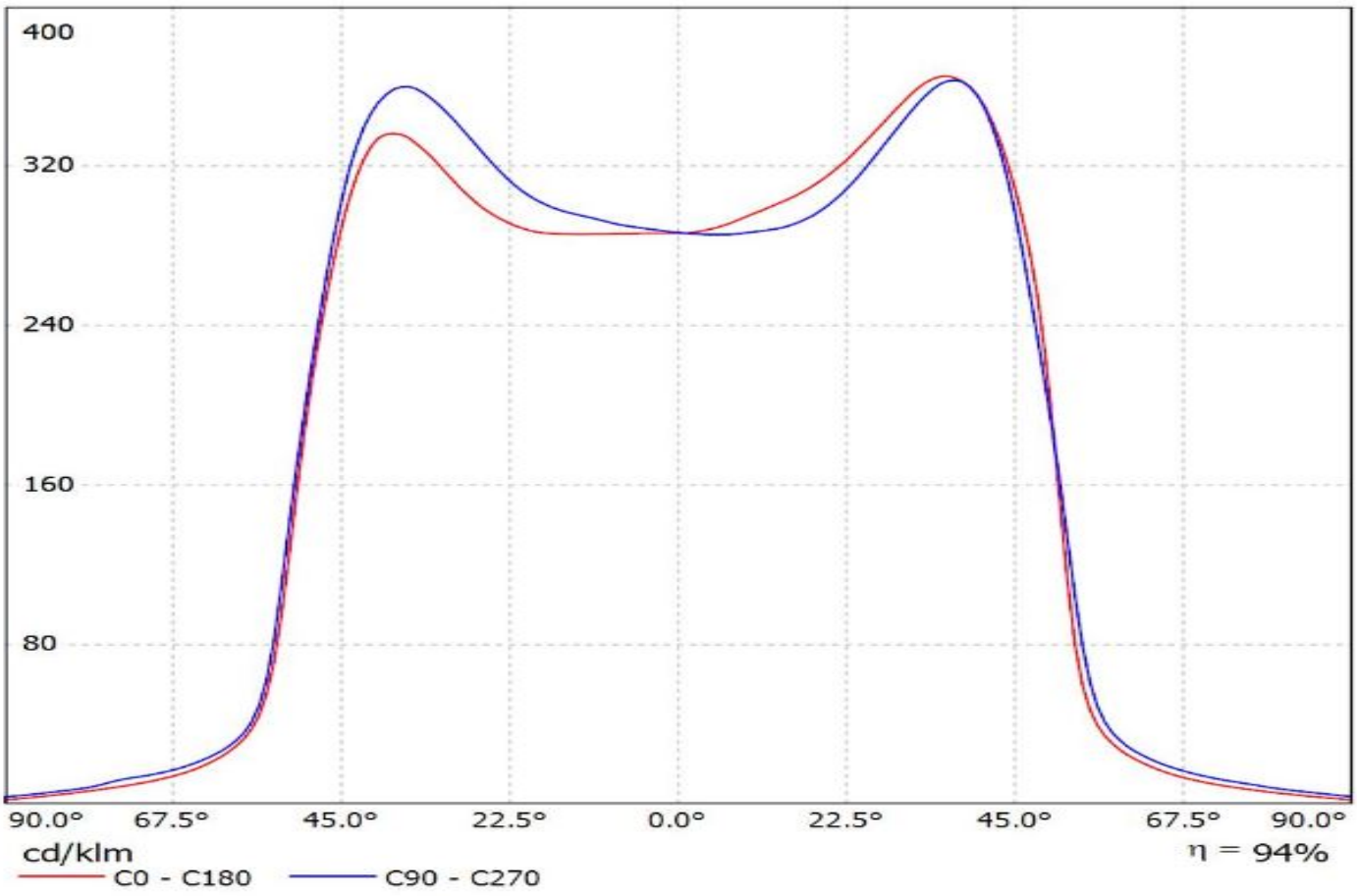
Luminaire: LEDiL Oy FCN14648_JENNY-CY_(MK-R)
Lamps: 1 x MK-R_353.258lm@250mA_CCT=3276K_P=2.84836W_I=249.9mA



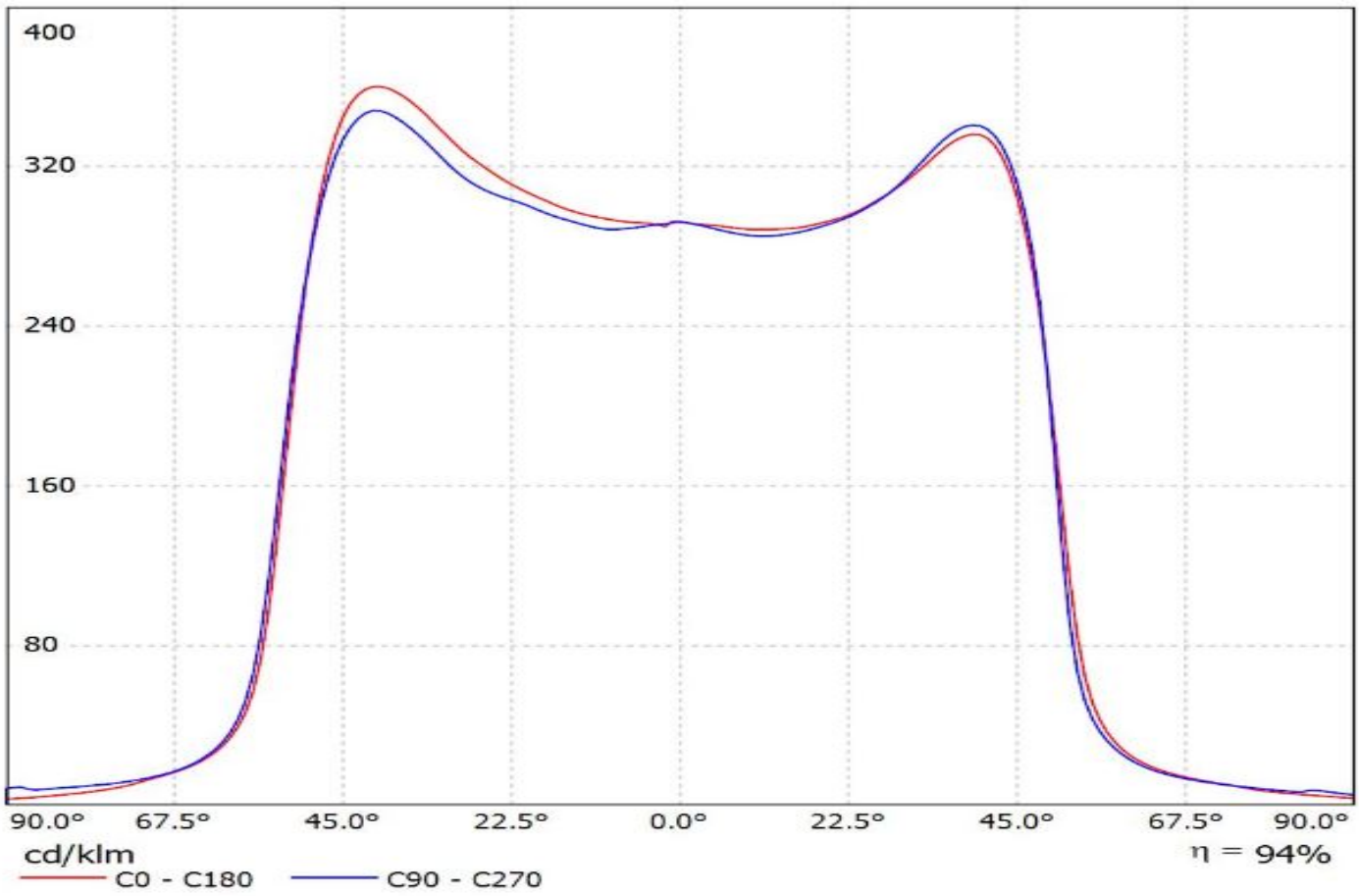
Luminaire: LEDiL Oy FCN14648_JENNY-CY_(XM-L)
Lamps: 1 x CREE_XM-L_EZW_128.713lm@250mA_P=1.50385W_I=249.9mA



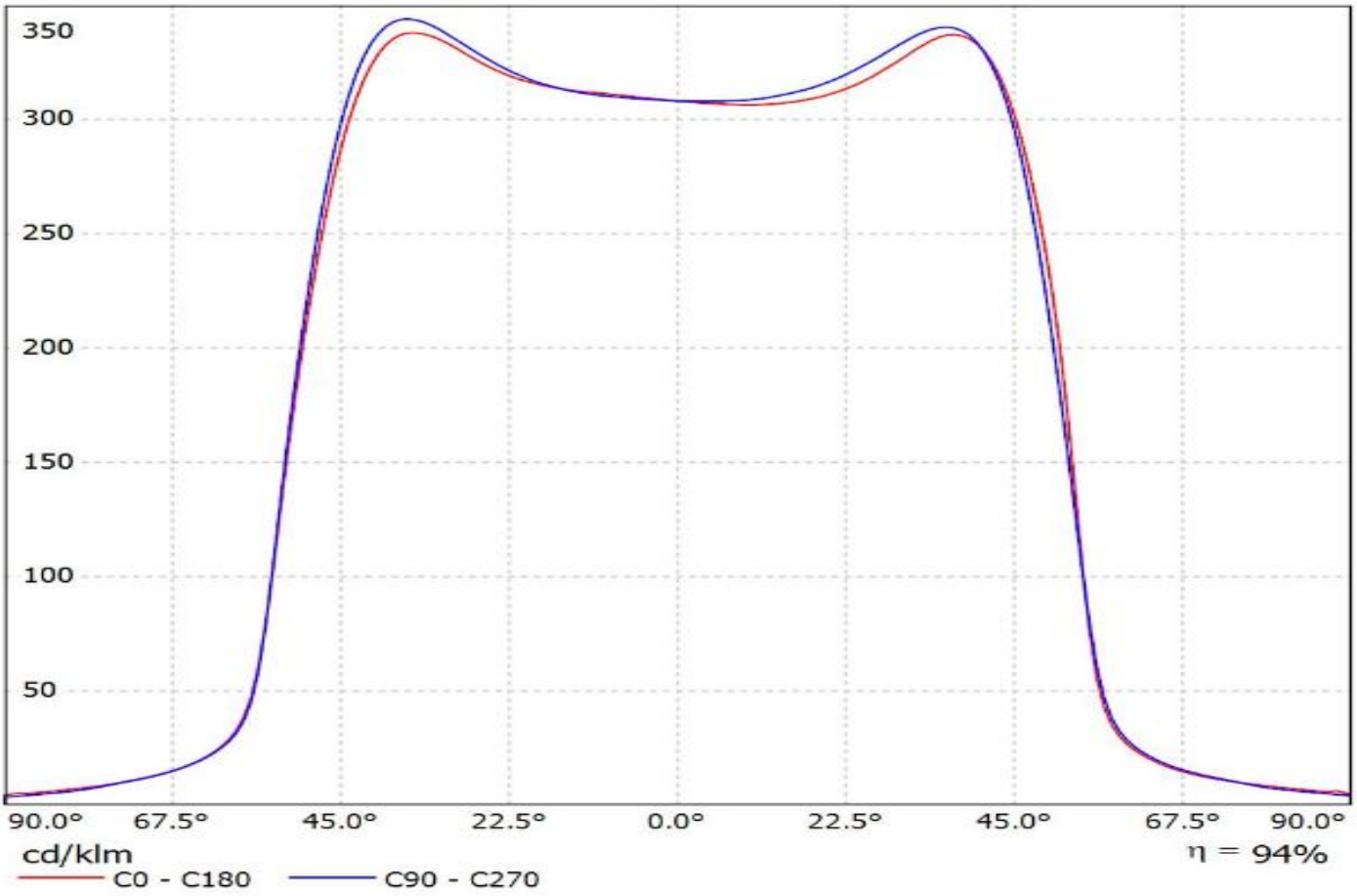
Luminaire: Ledil FCN14648_JENNY-CY_(LUXEON_5258)
Lamps: 1 x LUXEON_5258_(24VOLTS)_307.573lm@100mA_CCT=2700K_P=?W_I=0.1A



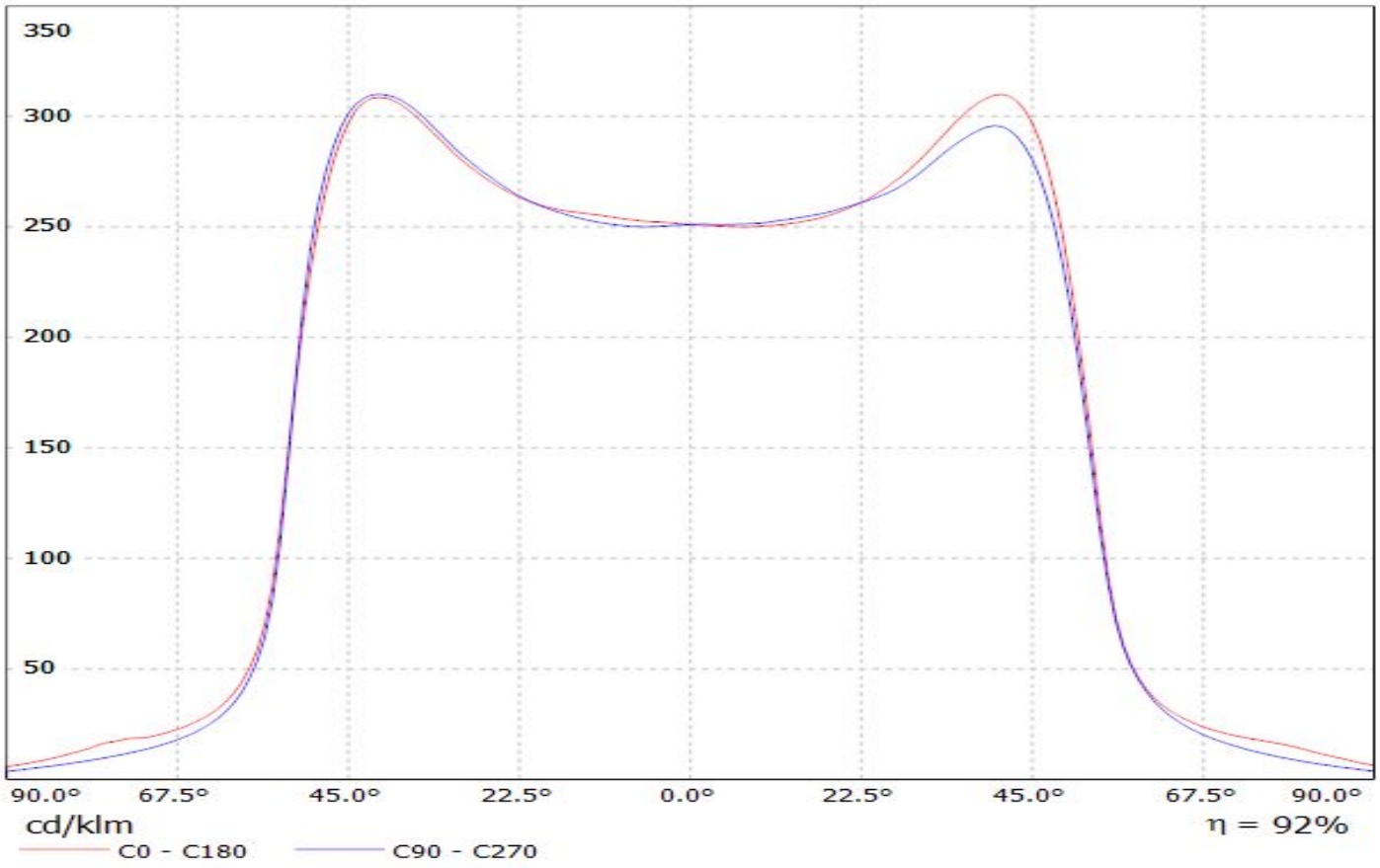
Luminaire: LEDiL Oy FCN14648_JENNY-CY_(LUXEON_M)
Lamps: 1 x LUXEON_M_(LXR7-SW40)_318.732lm@250mA_P=2.72282W_I=249.8mA



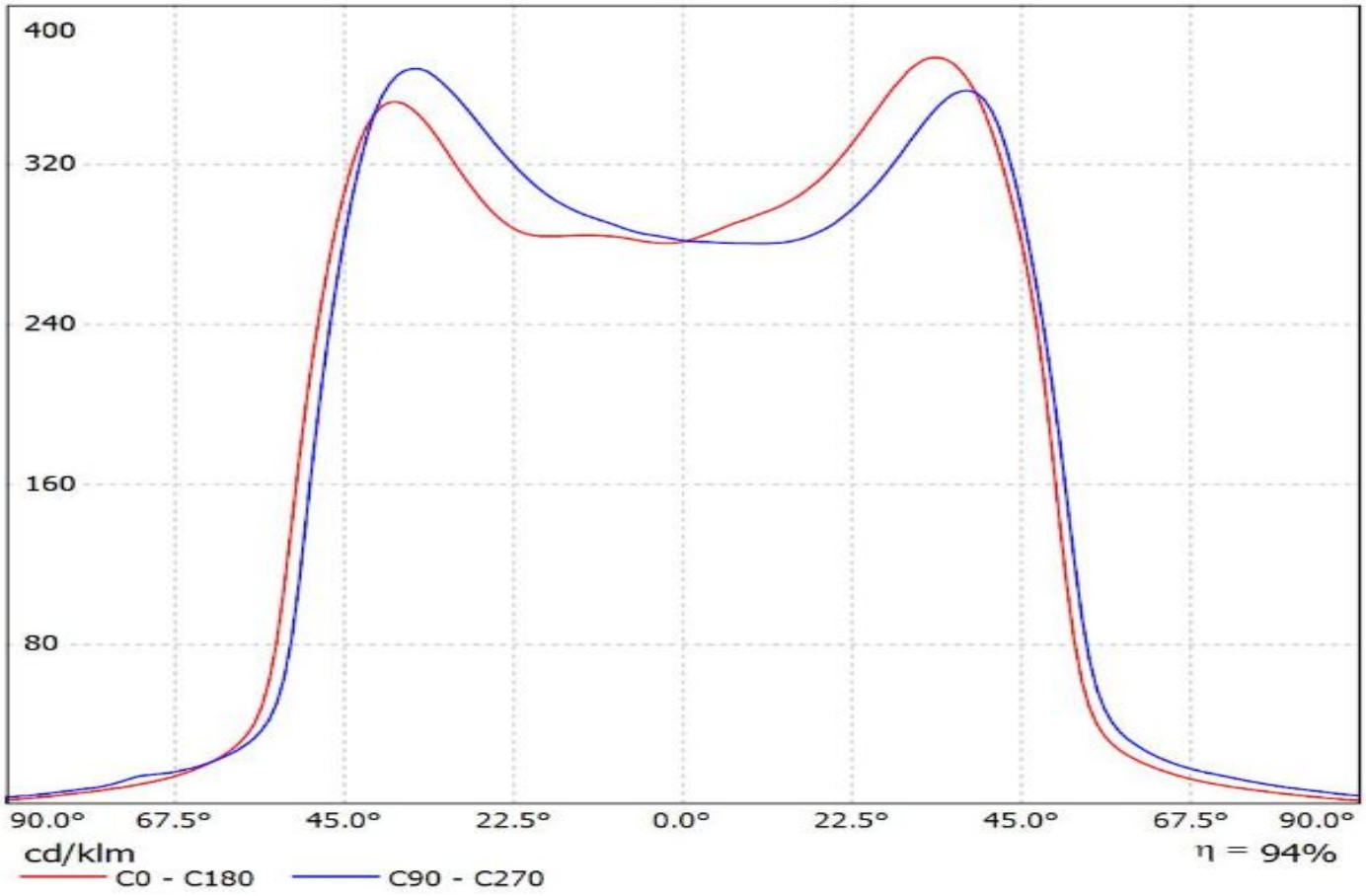
Luminaire: LEDiL Oy FCN14648_JENNY-CY_(NSMx286M)
Lamps: 1 x NICHIA_NSMx286M_(NSML286ME)_335.4lm@100mA_P=3.43543W_I=100.1mA



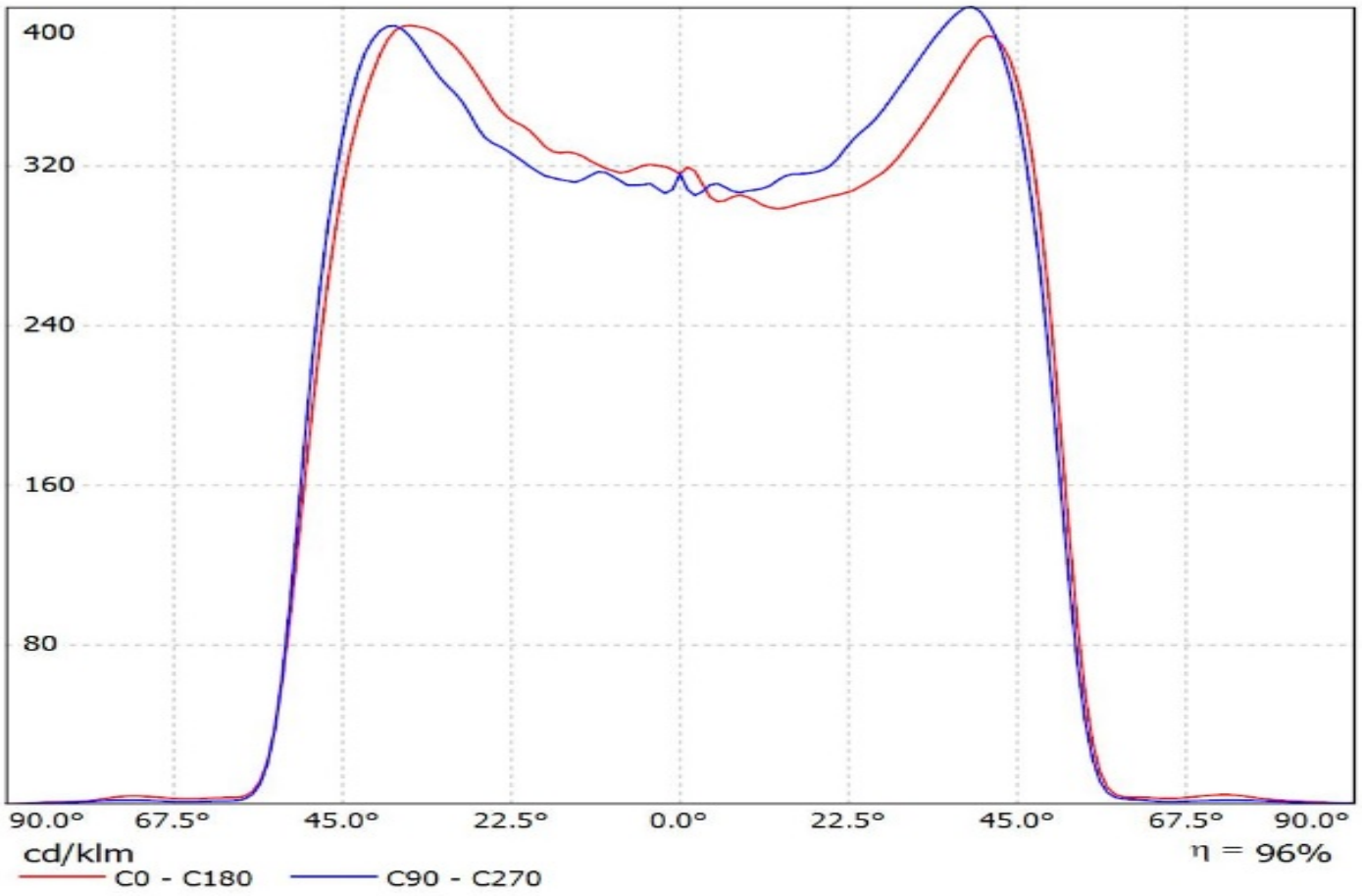
Luminaire: LEDiL Oy FCN14648_JENNY-CY_(NV4x144A)
Lamps: 1 x Nichia_NV4x144A_477.334lm@250mA_P=2.8030W_I=0.250A



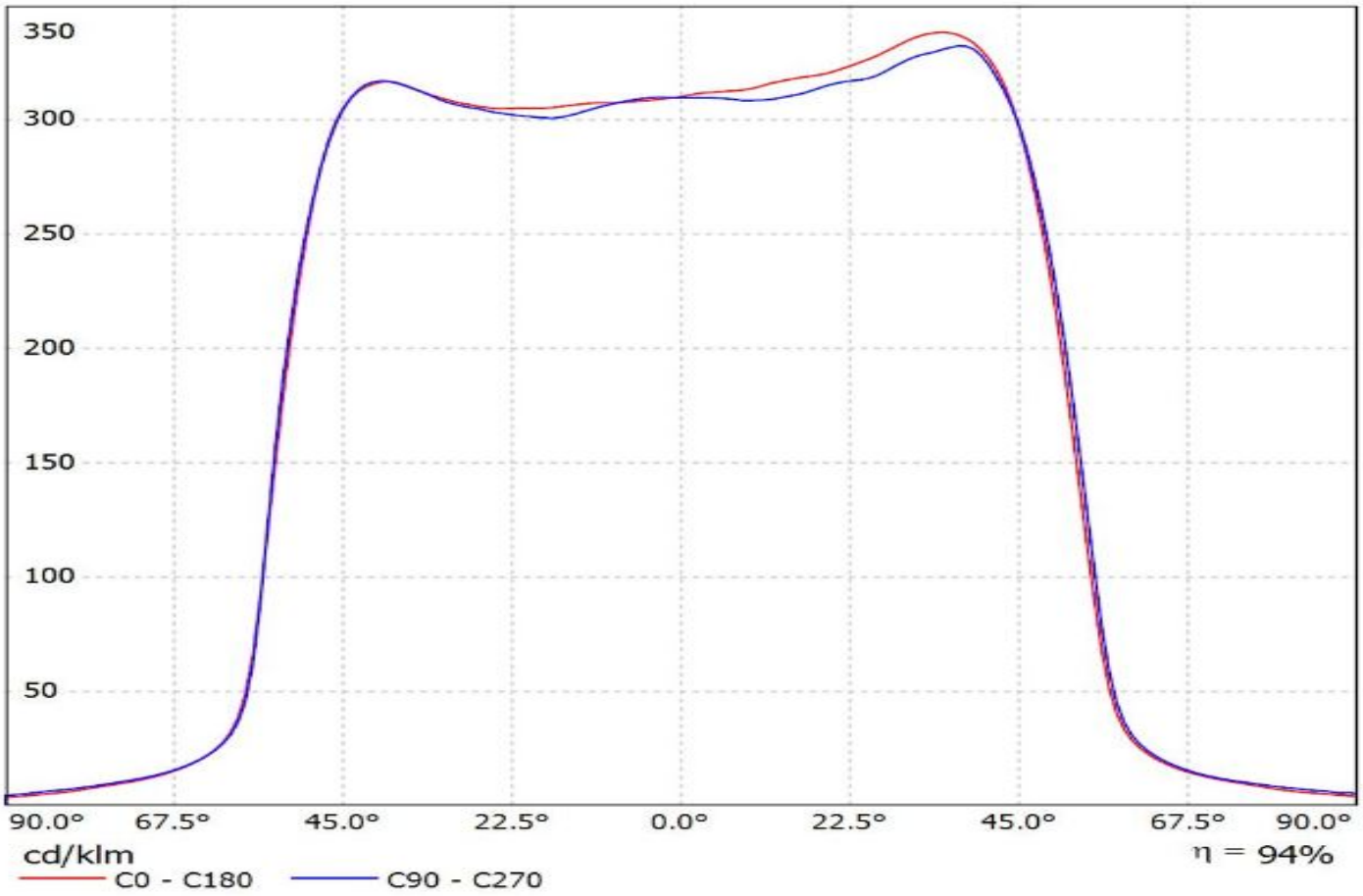
Luminaire: Ledil FCN14648_JENNY-CY_(Duris_S8)
Lamps: 1 x Osram_Duris_S8_(GW_P9LMS1.EC)_201.491lm@100mA_CCT=2857K_P=1.8W_I=0.1A



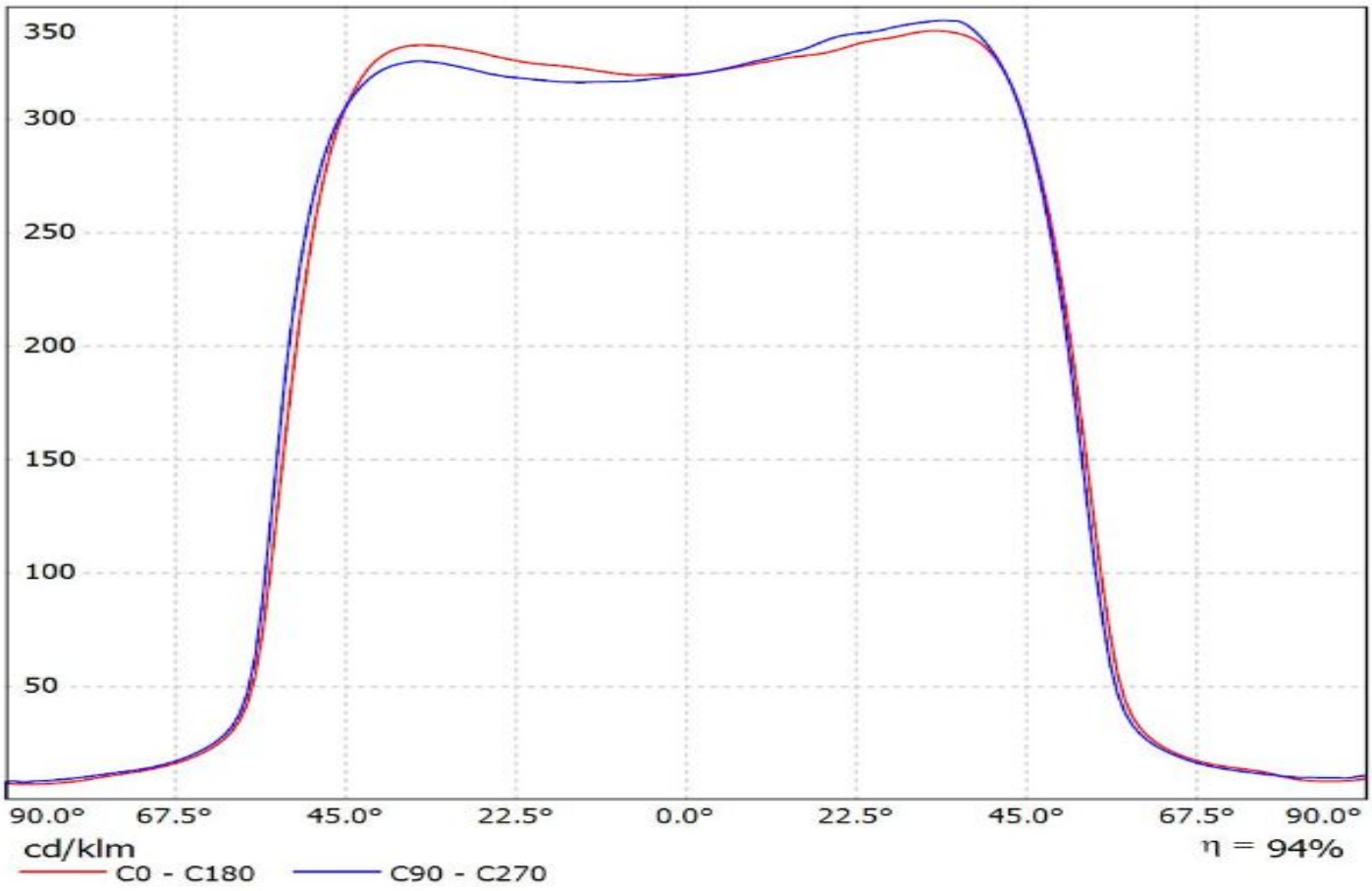
Luminaire: Ledil Oy FCN14648_JENNY-CY_(Duris_S10)_SIMULATED
Lamps: 1 x Osram Duris S10 (GW P7LM32.EM)



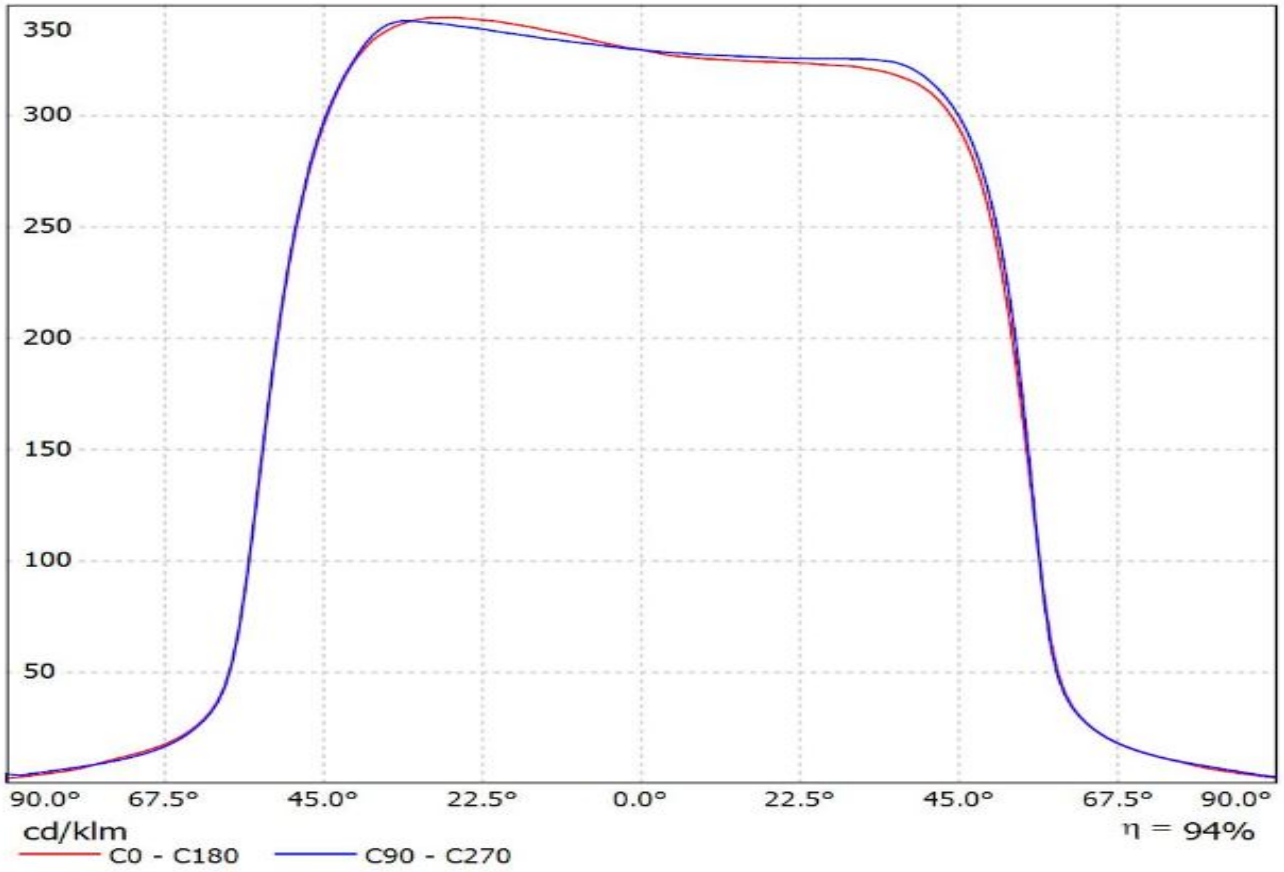
Luminaire: LEDiL Oy FCN14648_JENNY-CY_(P6)
Lamps: 1 x OSRAM_SOLERIQ_P6_(GW_MAFJB1.EM)_693.953lm@250mA_P=6.29348W_I=249.9mA



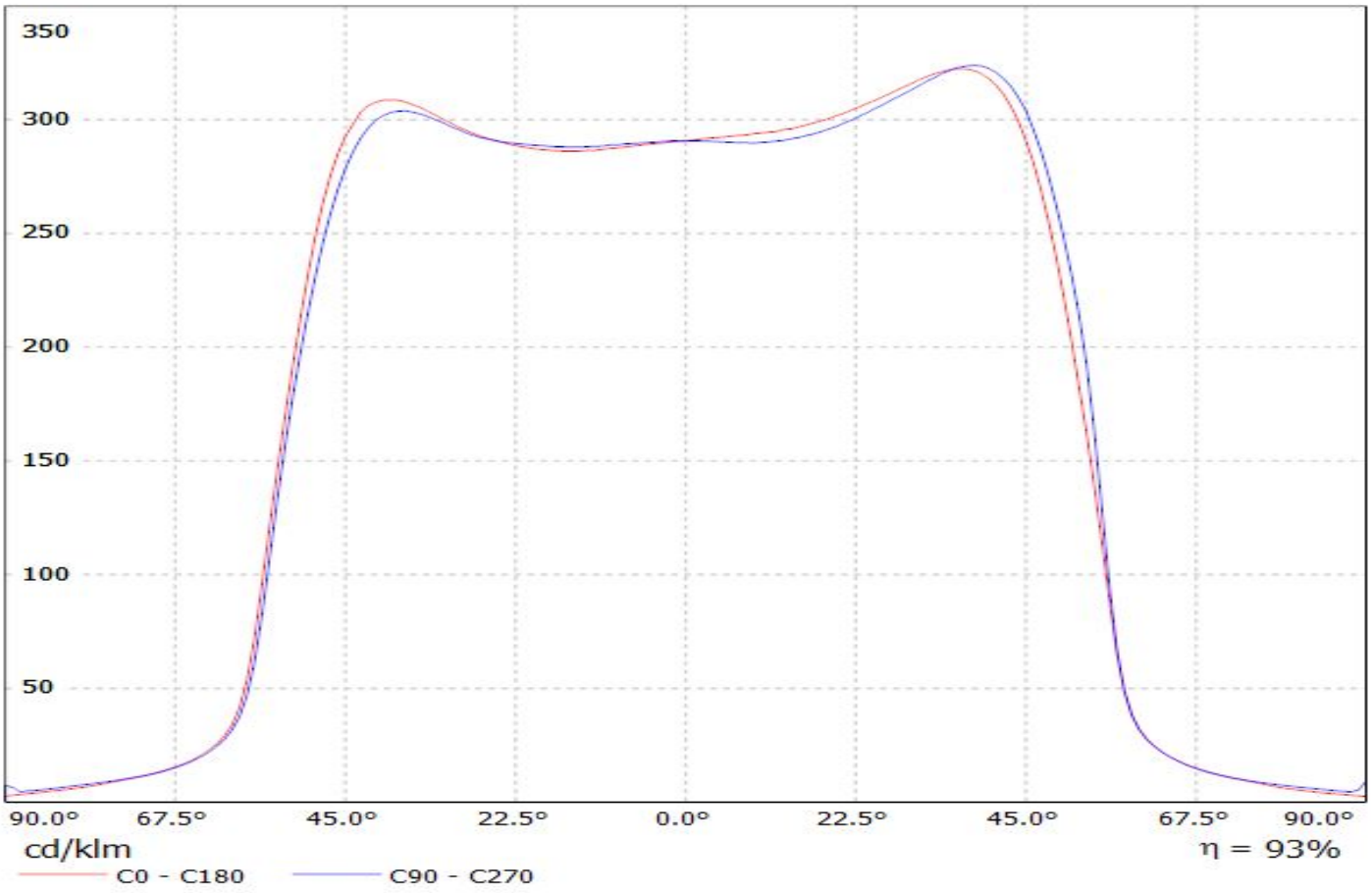
Luminaire: LEDiL Oy FCN14648_JENNY-CY_(P9)
Lamps: 1 x OSRAM_SOLERIQ_P9_(GW_MAFJB1.EM)_911lm@250mA_P=6.90072W_I=249.8mA



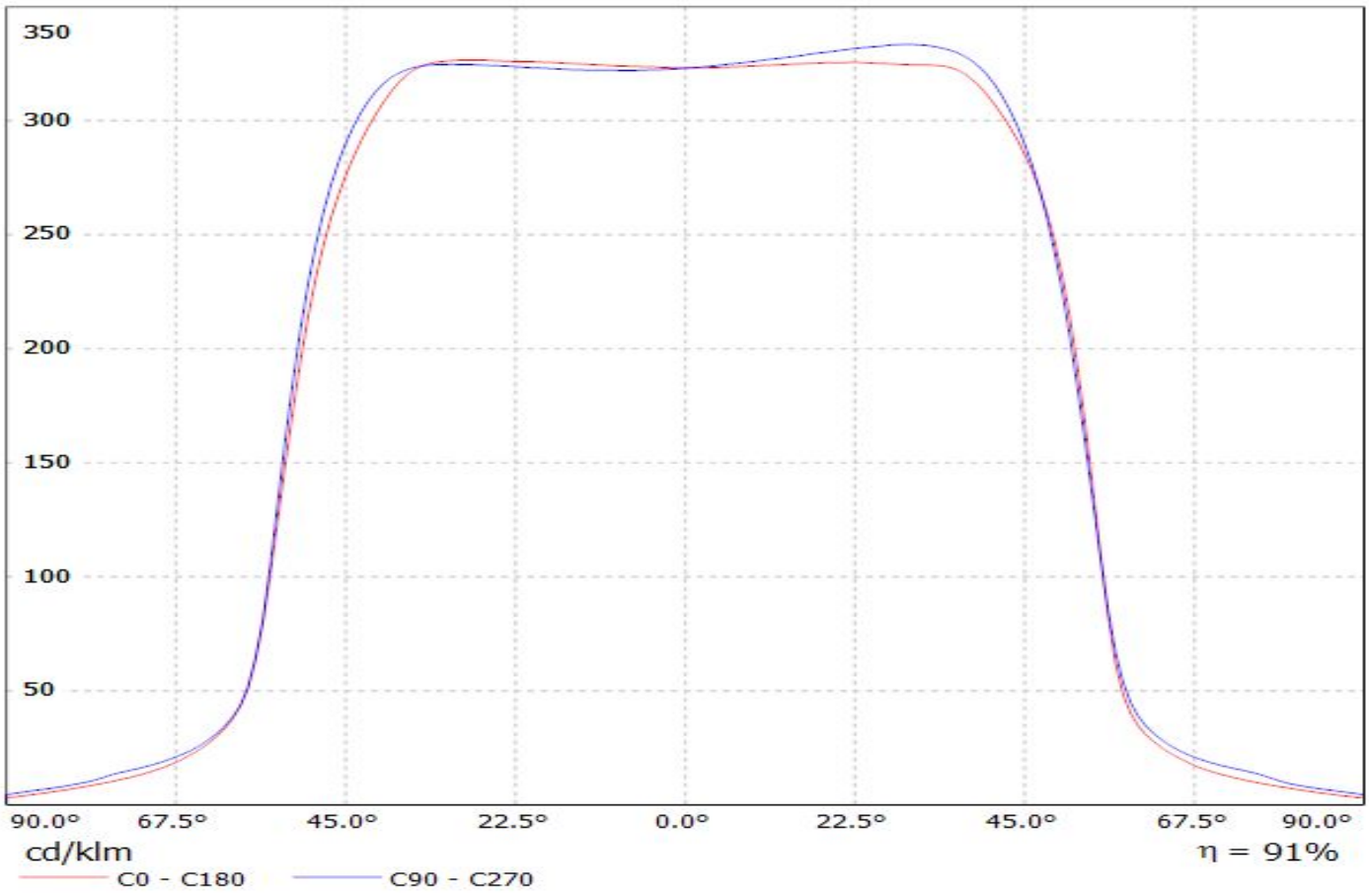
Luminaire: LEDiL Oy FCN14648_JENNY-CY_(COB_D_LES_9.8mm)
Lamps: 1 x Samsung_COB_D_series_LES_9.8mm_LC013D_534.999lm@100mA_P=3.1948W_I=0.100A



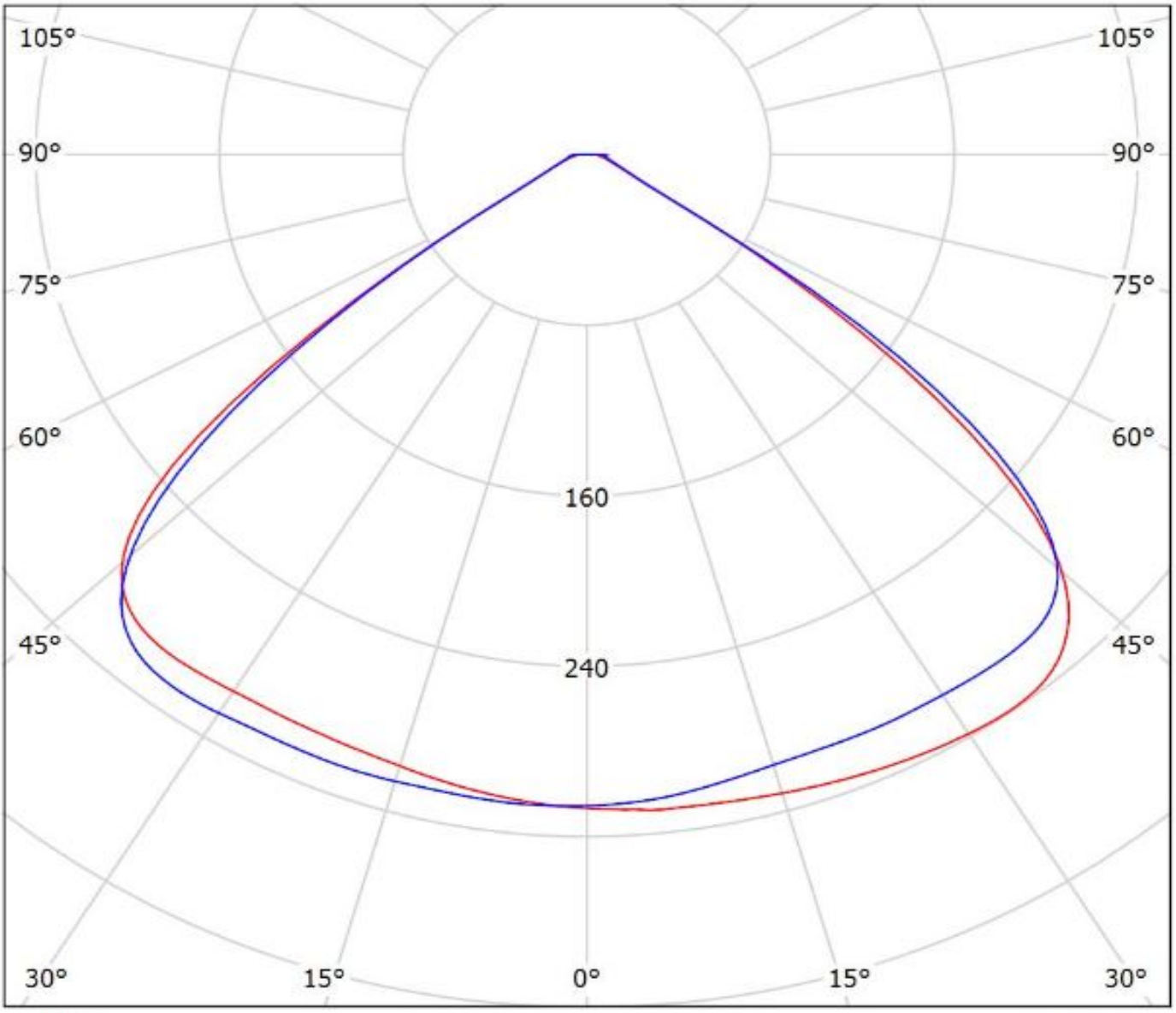
Luminaire: LEDiL Oy FCN14648_JENNY-CY_(SLE-G5_LES-6)
Lamps: 1 x Tridonic_SLE-G5_LES-6_470.842lm@100mA_P=3.3743W_I=0.100A



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

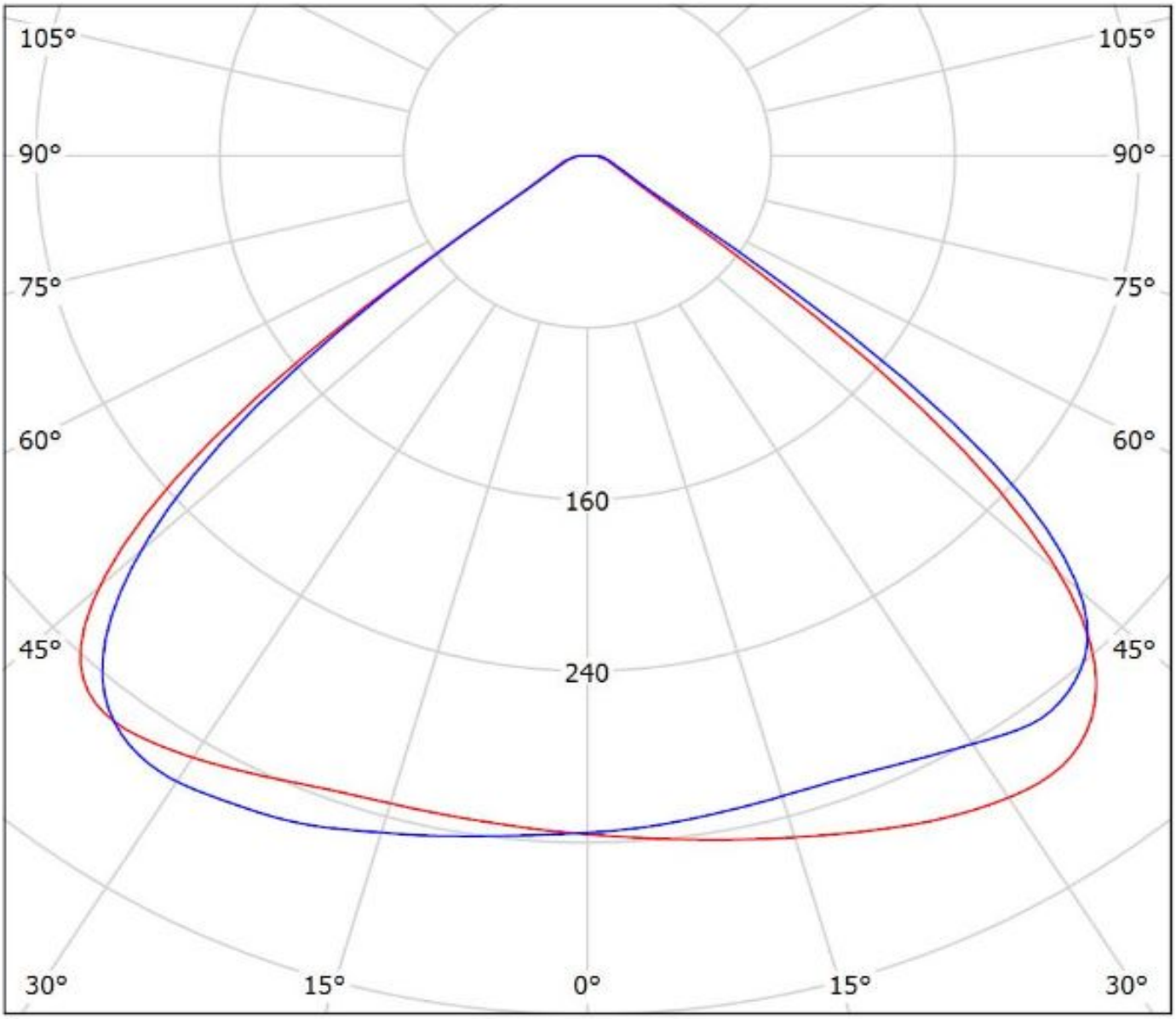


Luminaire: LEDiL Oy FCN14648_JENNY-CY_(V6)
Lamps: 1 x BRIDGELUX_V6_447.582lm@250mA_P=5.15119W_I=249.9mA

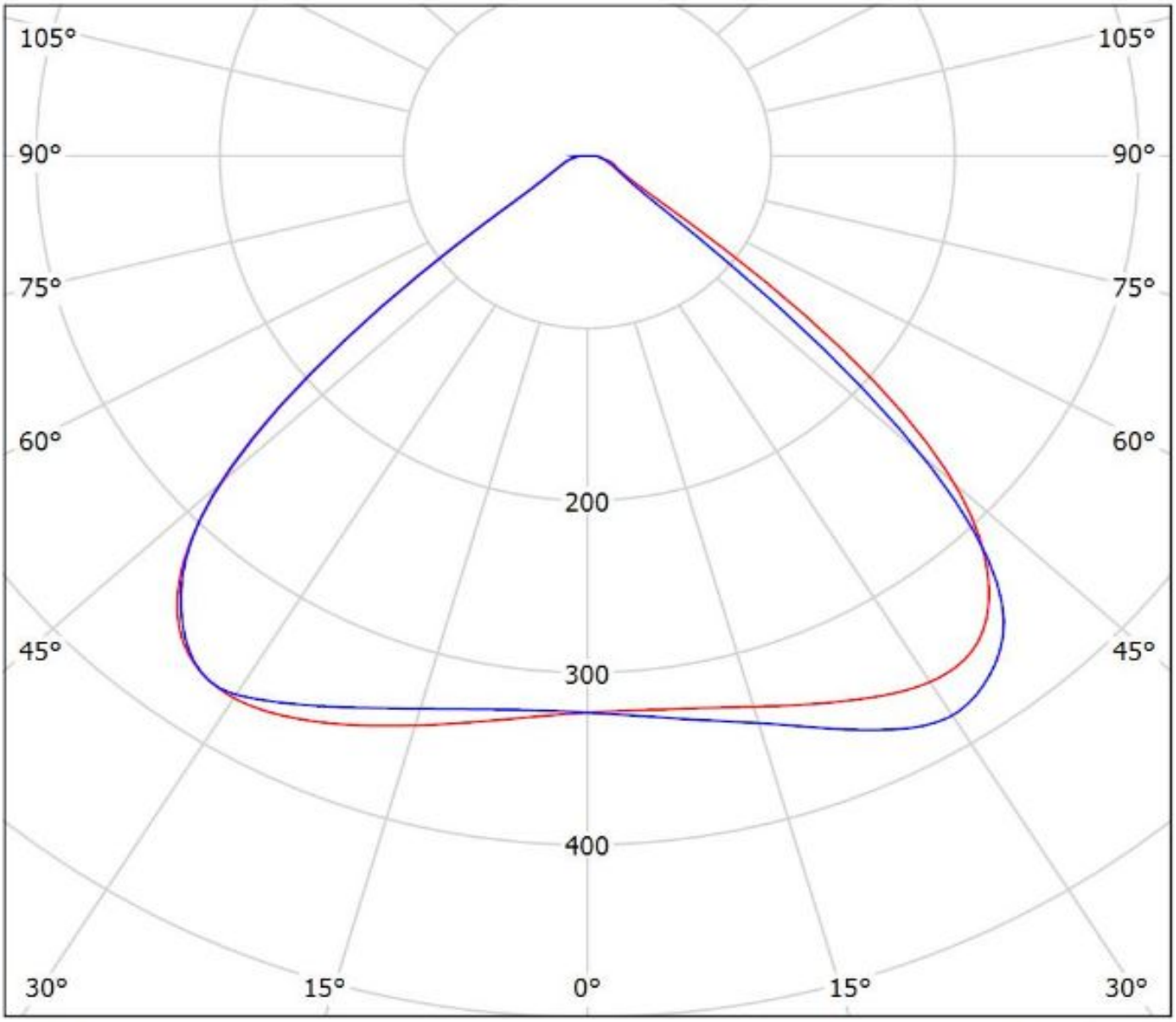


cd/klm
η = 94%
C0 - C180
C90 - C270

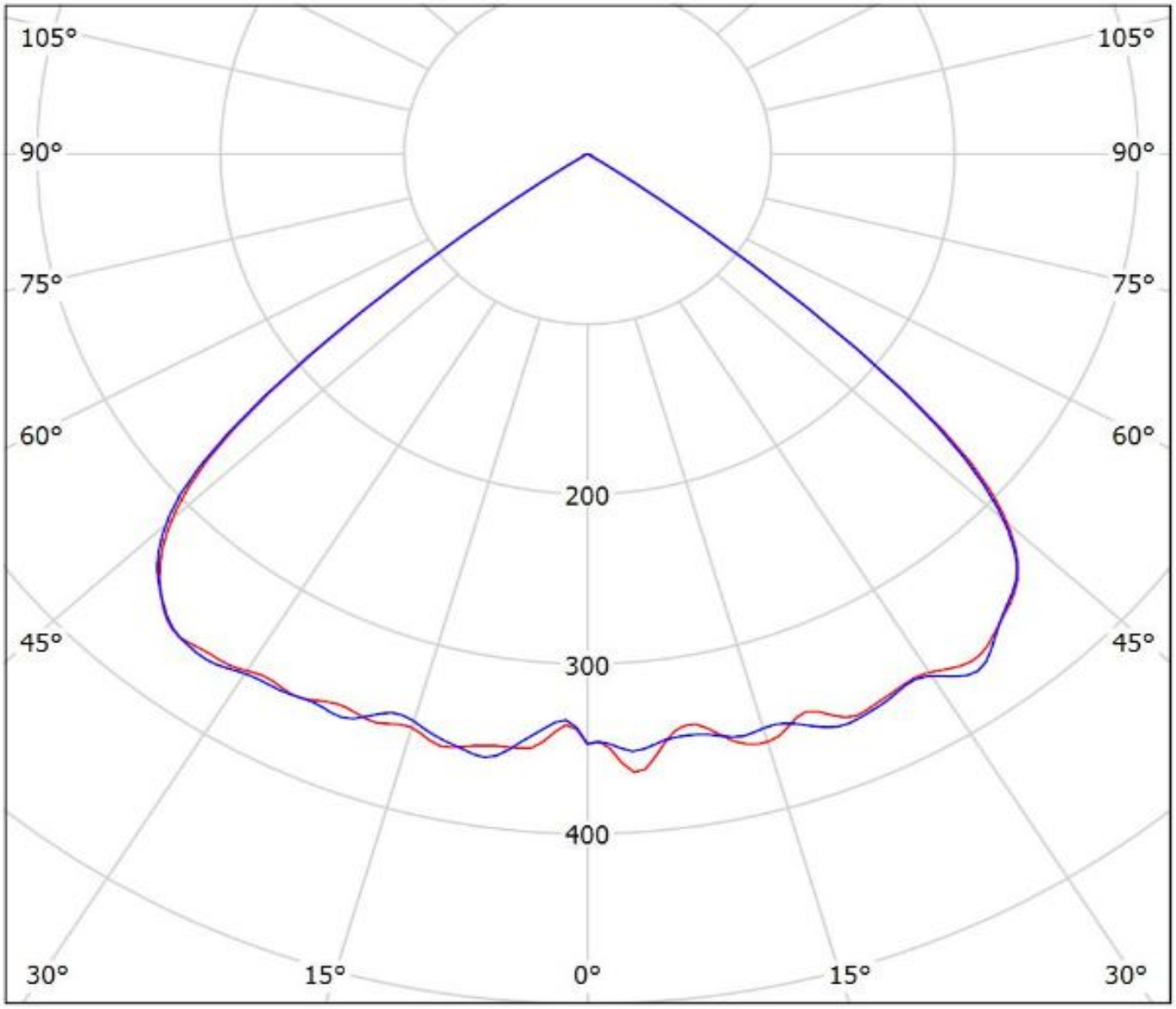
Luminaire: LEDiL Oy FCN14648_JENNY-CY_(V8)
Lamps: 1 x BRIDGELUX_V8_871.869lm@250mA_P=8.88614W_I=249.8mA



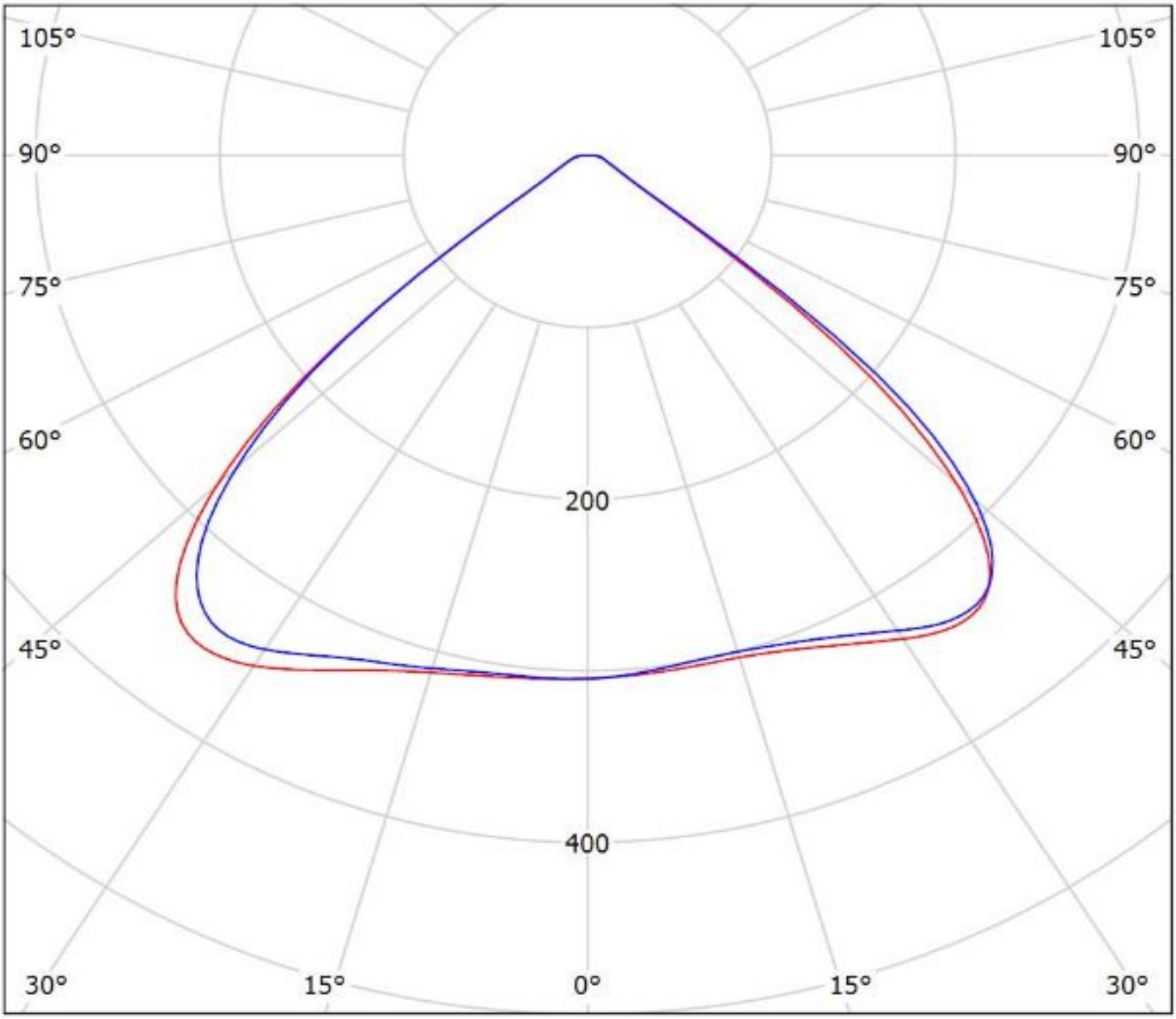
Luminaire: LEDiL Oy FCN14648_JENNY-CY_(V10)
Lamps: 1 x BRIDGELUX_V10_(BXRE-30E1000B-X2)_763.702lm@250mA_P=6.32922W_I=249.9mA



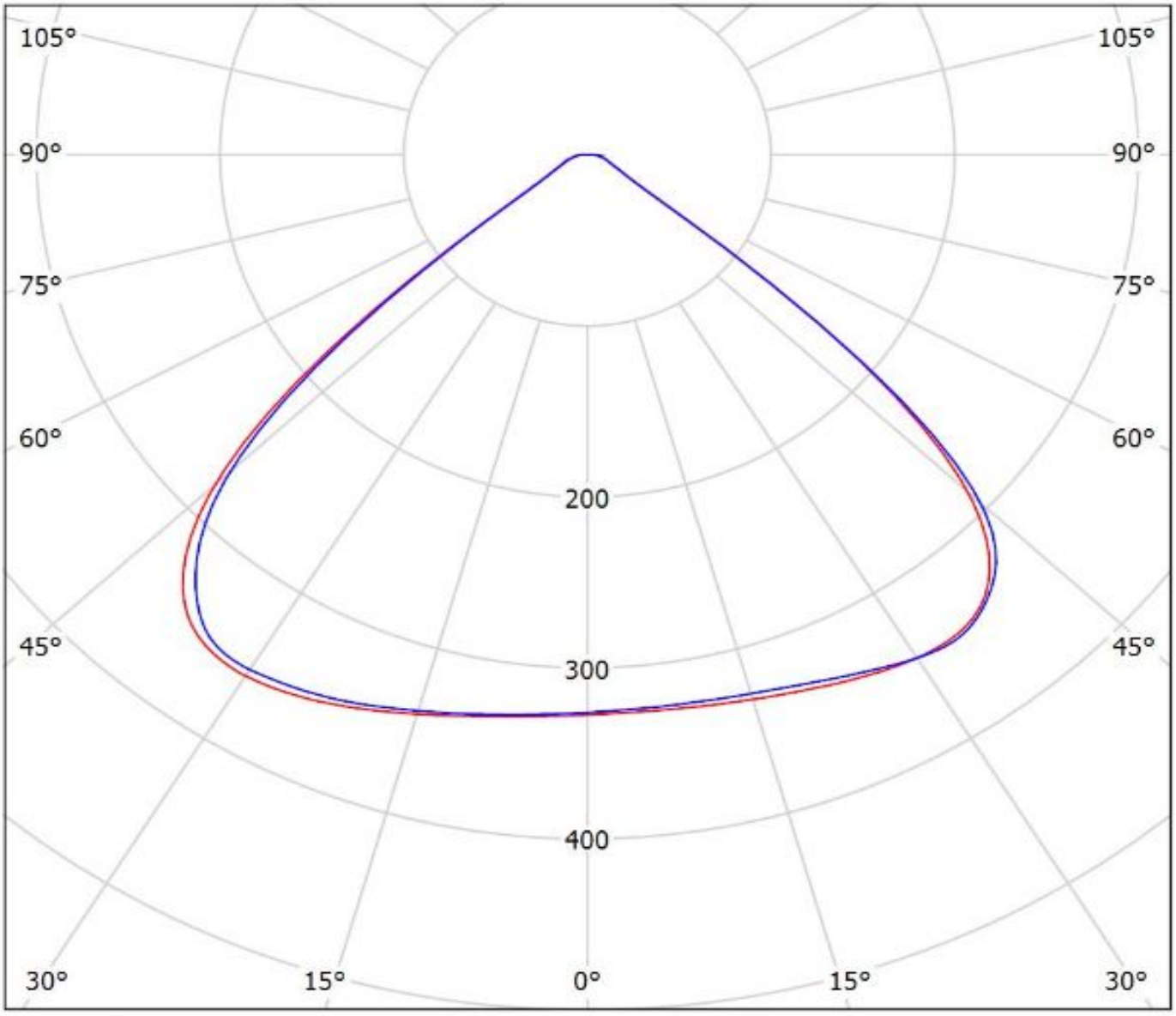
Luminaire: Ledil Oy FCN14648_JENNY-CY_BRIDGELUX_V10_Gen7_SIMULATED
Lamps: 1 x BRIDGELUX V10 Gen7



Luminaire: LEDiL Oy FCN14648_JENNY-CY_(CLL010)
Lamps: 1 x CITIZEN_CLL010_(CLL010-0305A1-303M1A2)_206.314lm@250mA_P=2.27184W_I=249.9mA

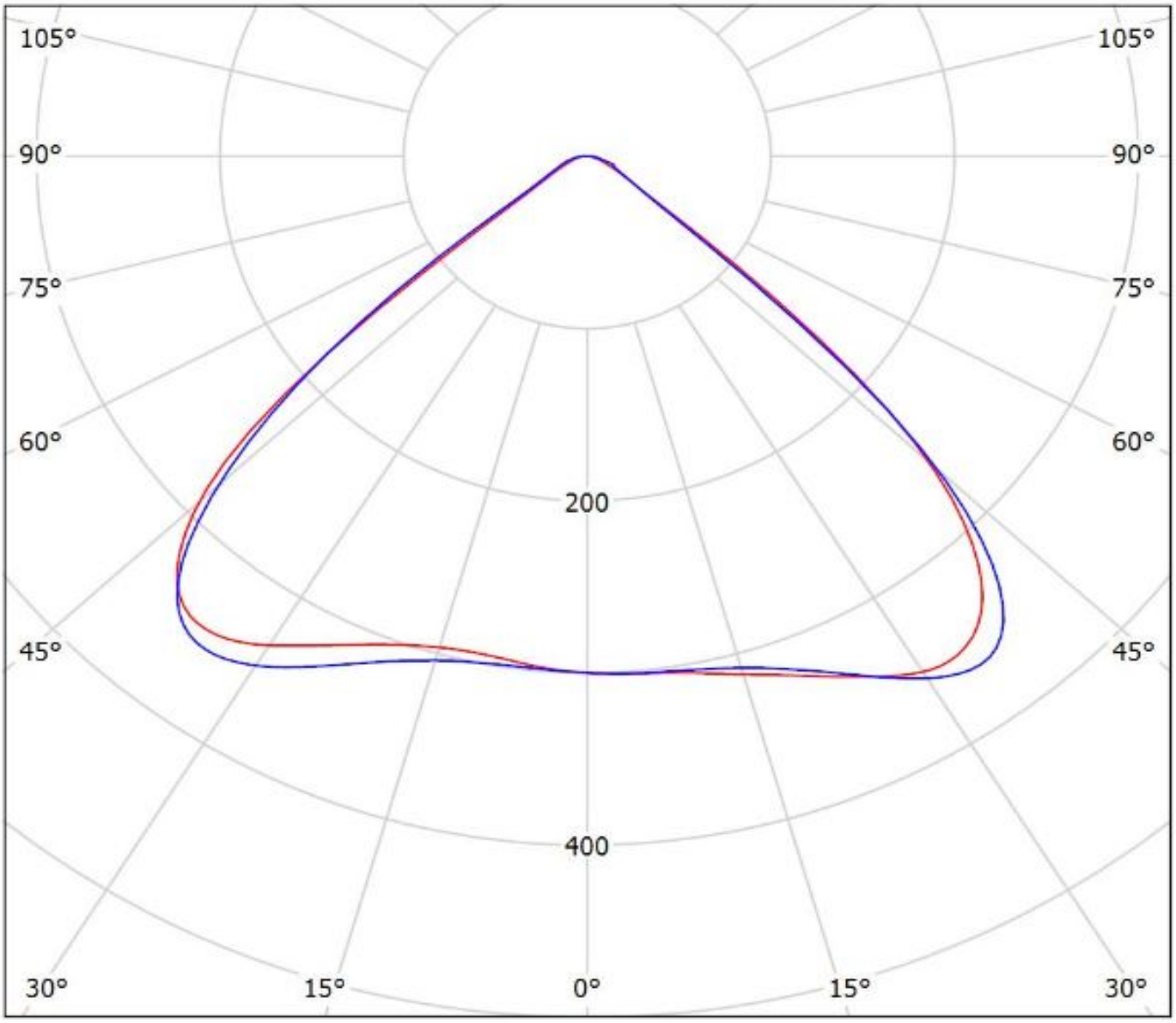


Luminaire: LEDiL Oy FCN14648_JENNY-CY_(CLL022)
Lamps: 1 x CITIZEN_CLL022_(CLL022-1204A5-030H7E1)_748.012lm@250mA_P=8.70803W_I=249.8mA



cd/klm
η = 93%
C0 - C180
C90 - C270

Luminaire: Ledil FCN14648_JENNY-CY_(CLU700)
Lamps: 1 x Citizen_CLU700_394.637lm@100mA_P=2.8W_I=0.10A

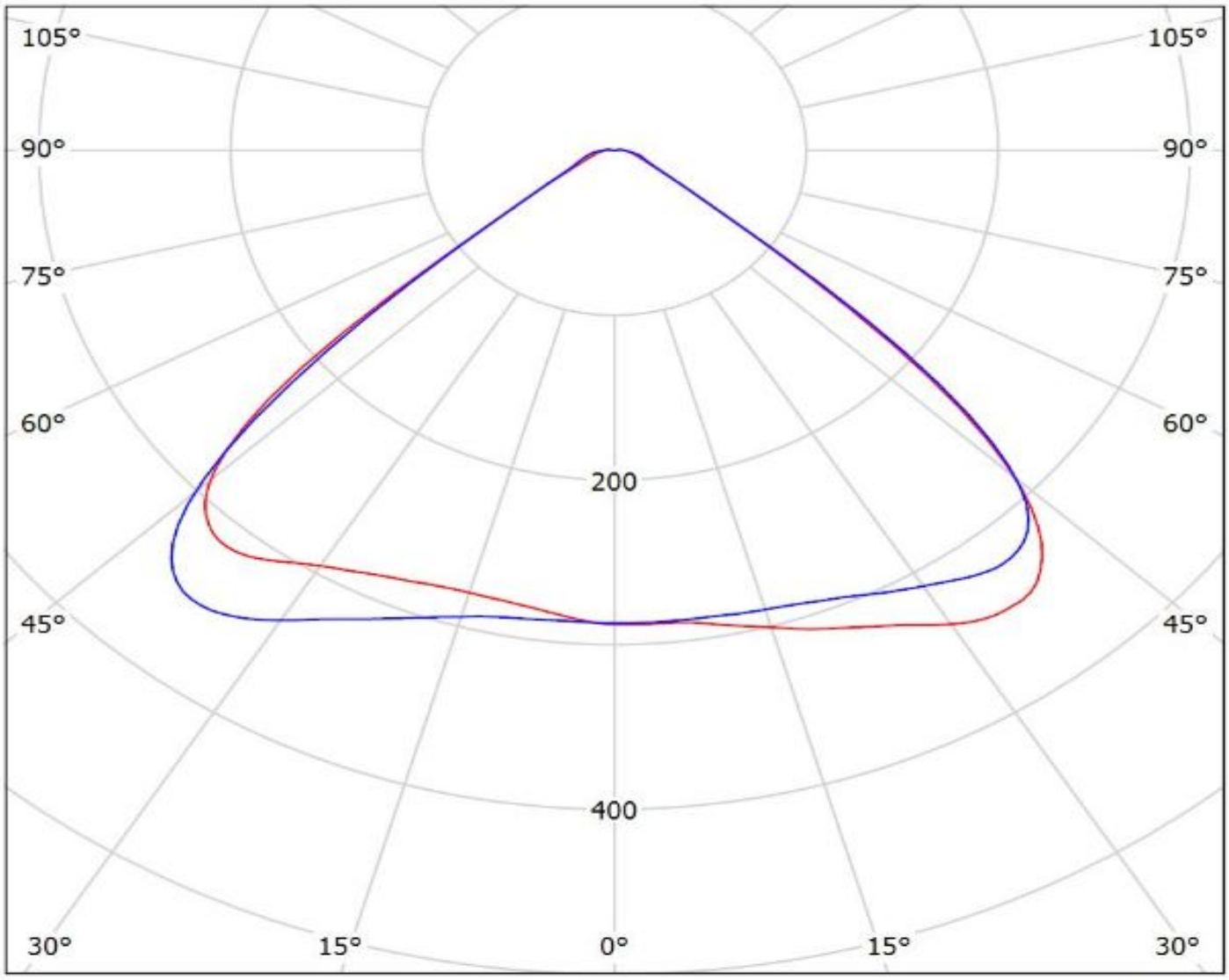


cd/klm

η = 93%

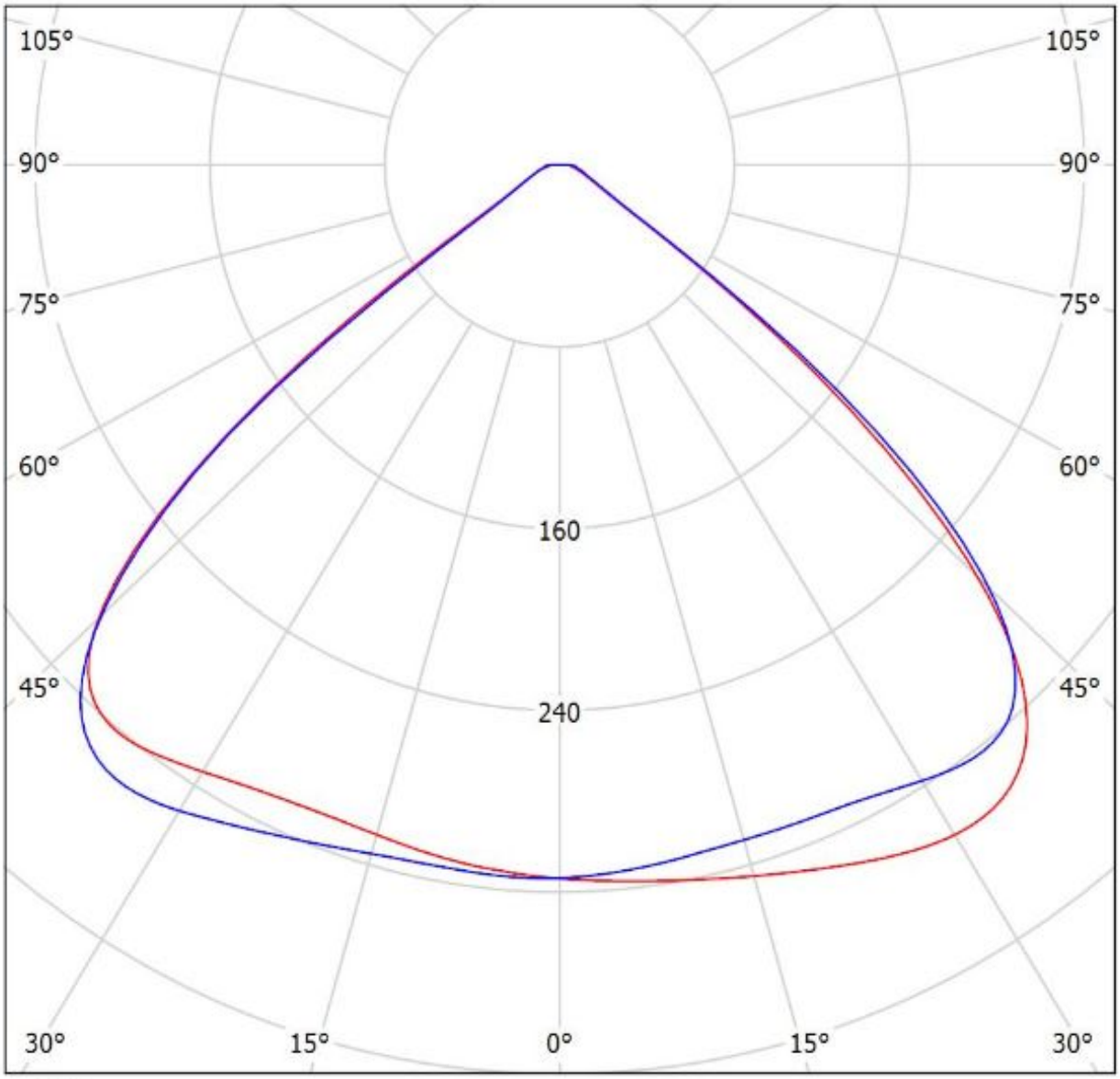
C0 - C180 C90 - C270

Luminaire: Ledil F14531_JENNY-CY_(XHP50)
Lamps: 1 x XHP50_warm_white_210.85lm@250mA_P=1.4W_I=0.25A

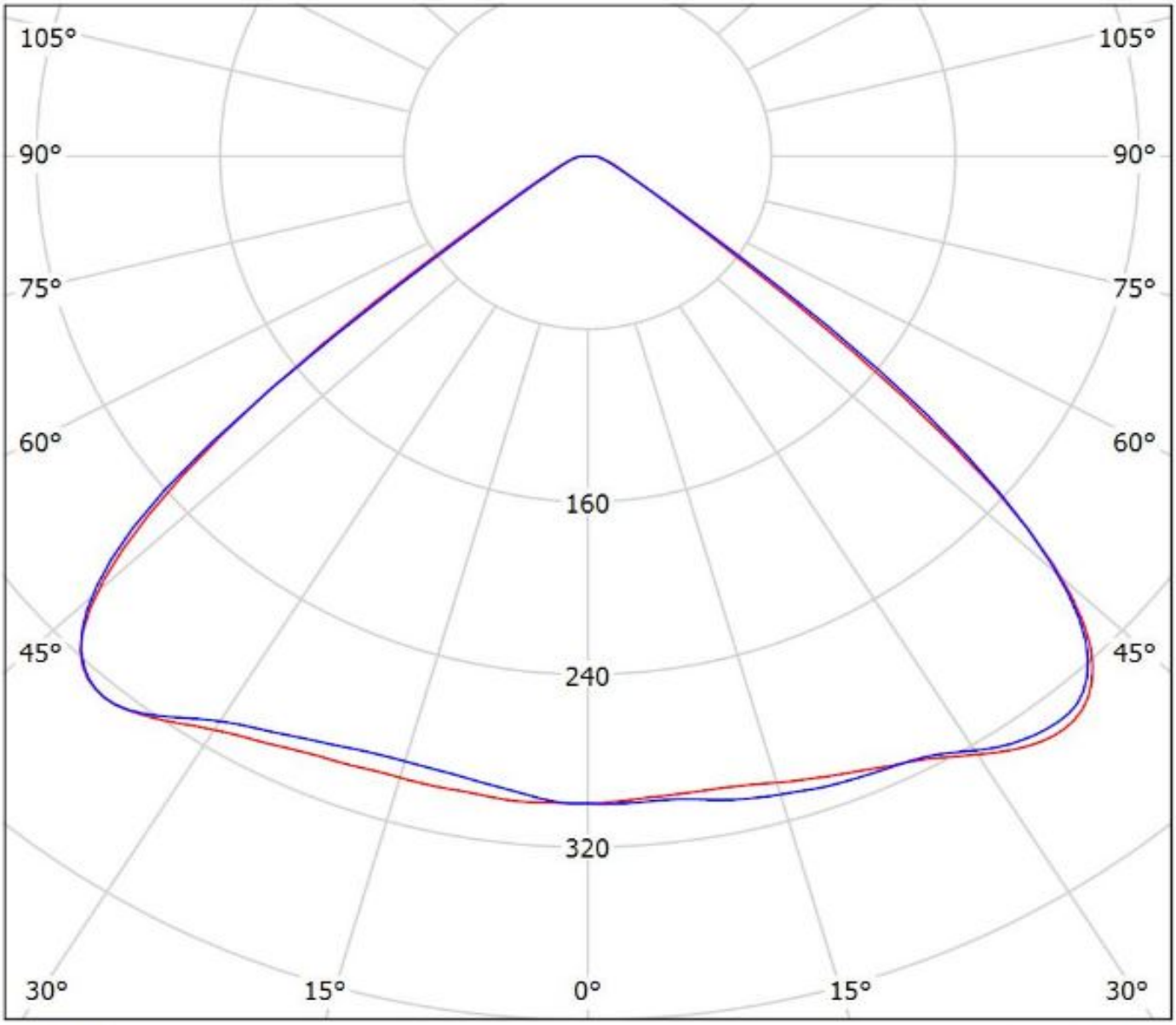


cd/klm
η = 94%
C0 - C180
C90 - C270

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

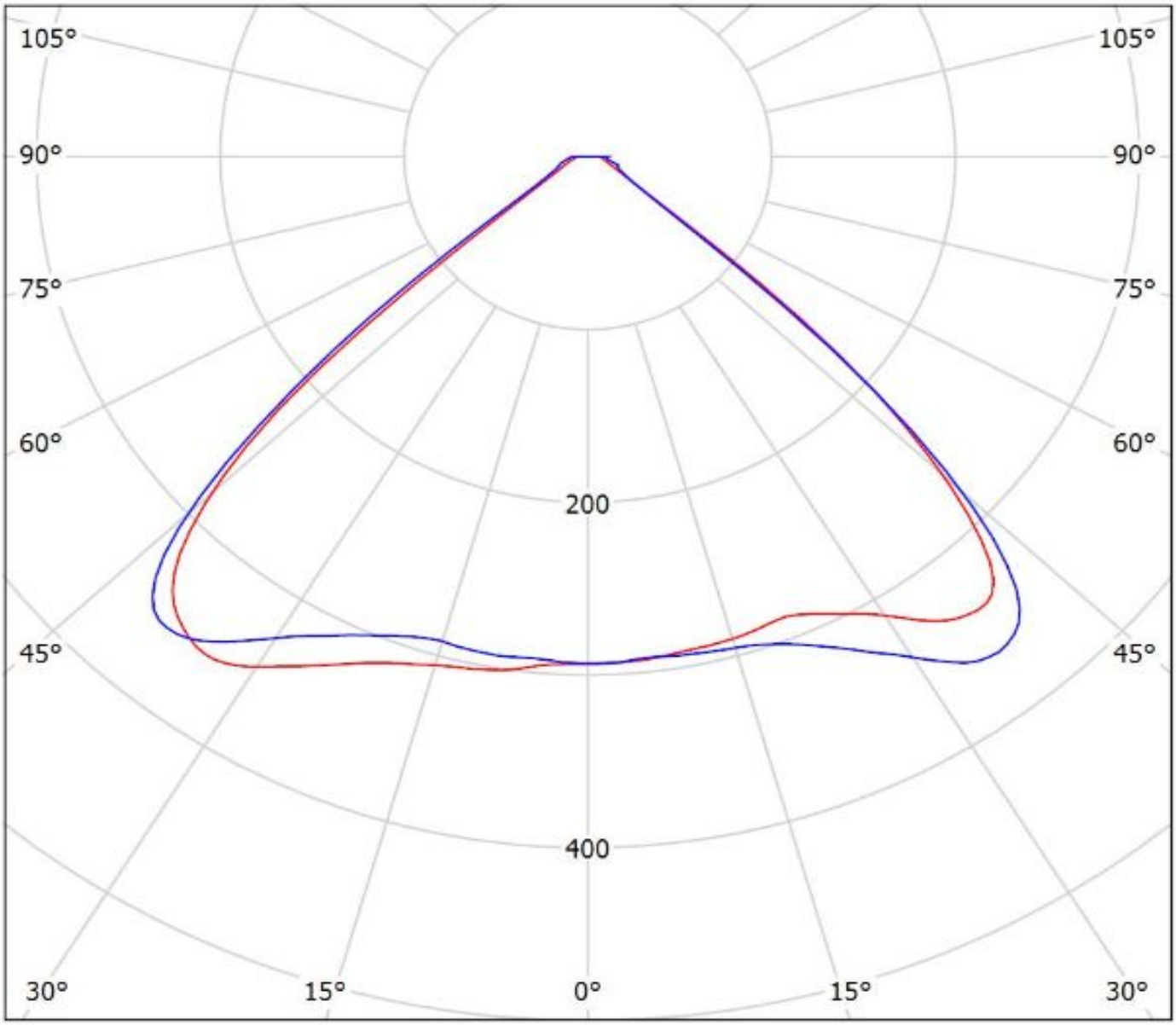


cd/klm

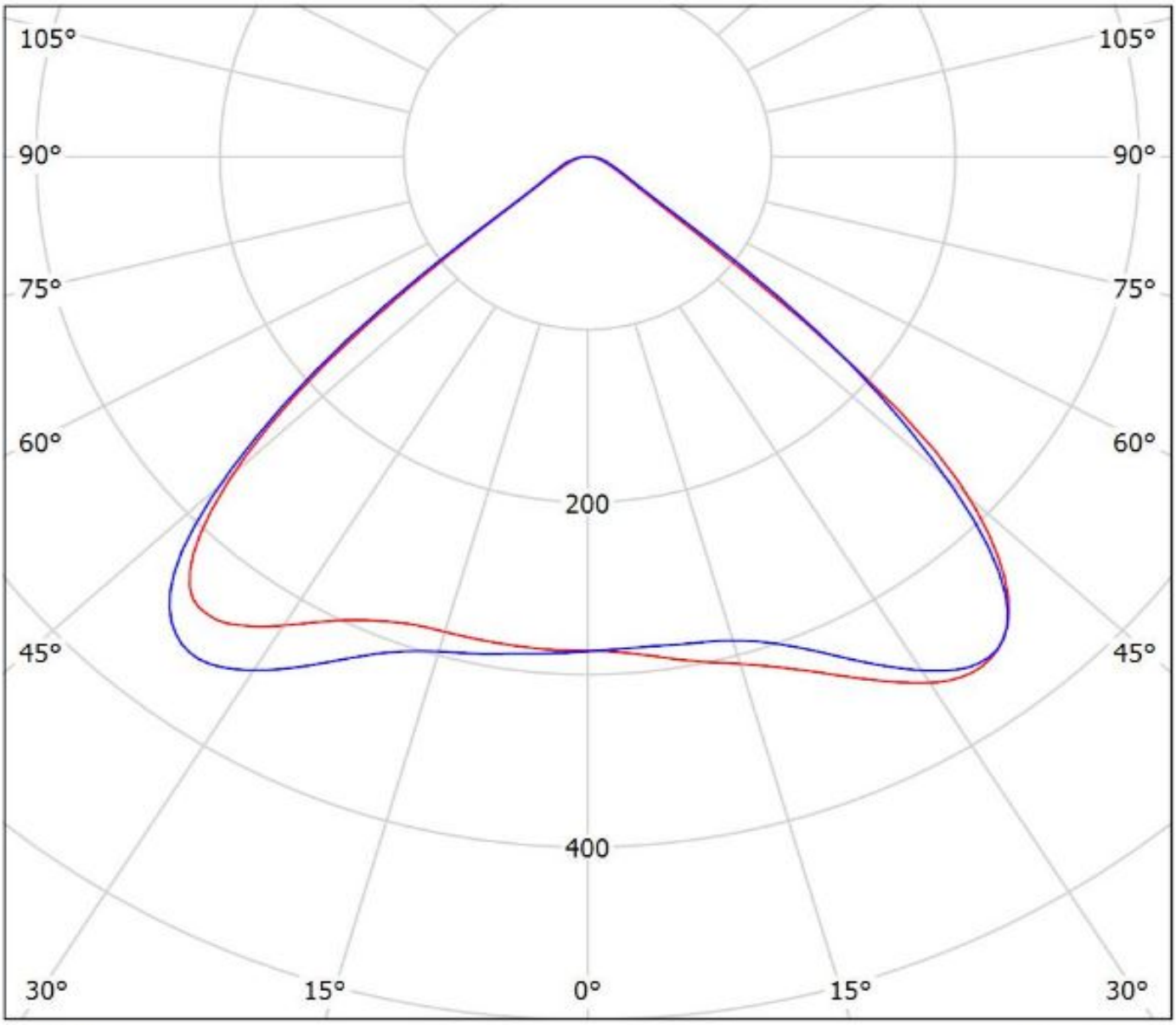
η = 92%

C0 - C180 C90 - C270

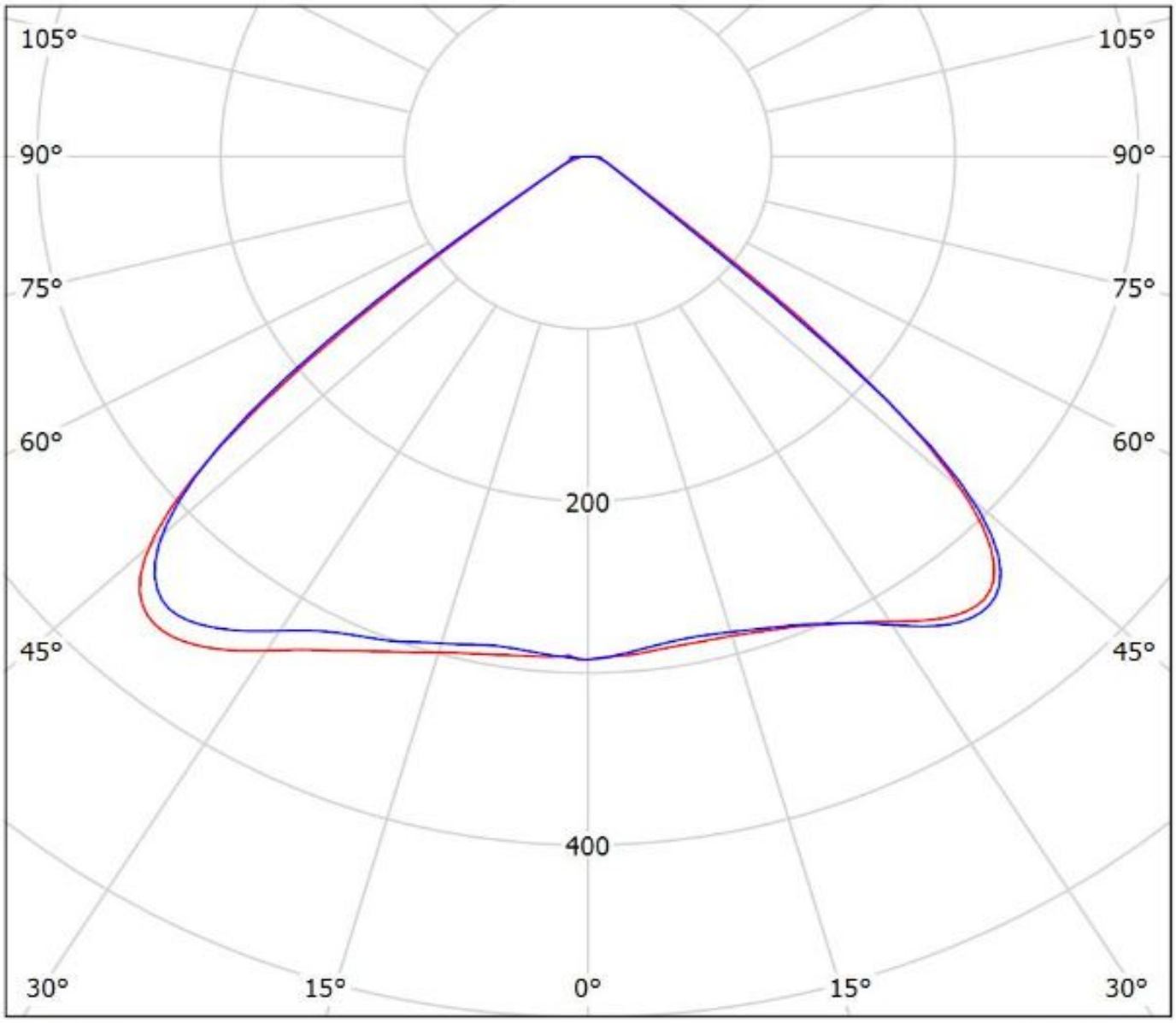
Luminaire: LEDiL Oy FCN14648_JENNY-CY_(XM-L)
Lamps: 1 x CREE_XM-L_EZW_128.713lm@250mA_P=1.50385W_I=249.9mA



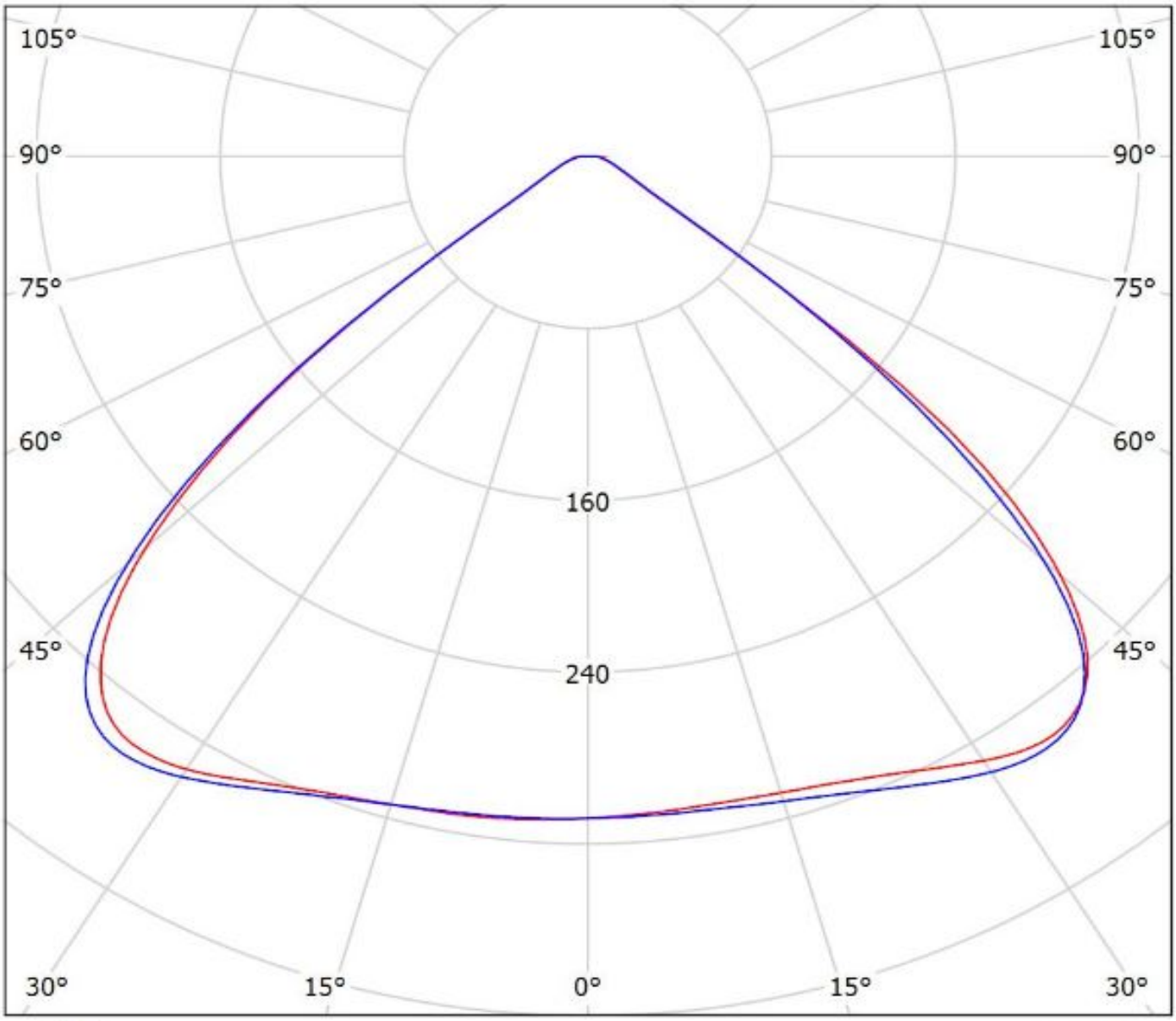
Luminaire: Ledil FCN14648_JENNY-CY_(LUXEON_5258)
Lamps: 1 x LUXEON_5258_(24VOLTS)_307.573lm@100mA_CCT=2700K_P=?W_I=0.1A



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

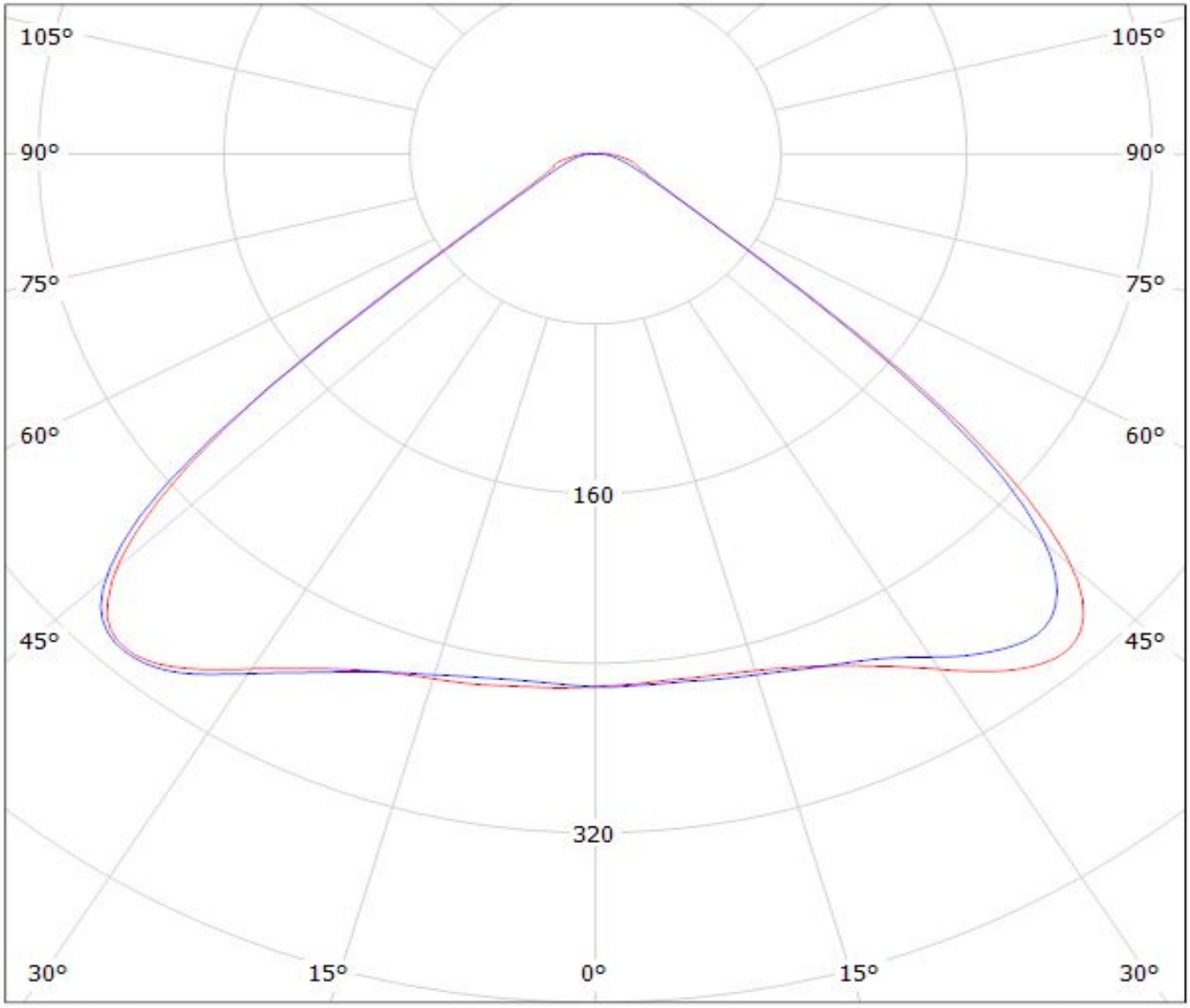


cd/klm

η = 94%

C0 - C180 C90 - C270

Luminaire: LEDiL Oy FCN14648_JENNY-CY_(NV4x144A)
Lamps: 1 x Nichia_NV4x144A_477.334lm@250mA_P=2.8030W_I=0.250A

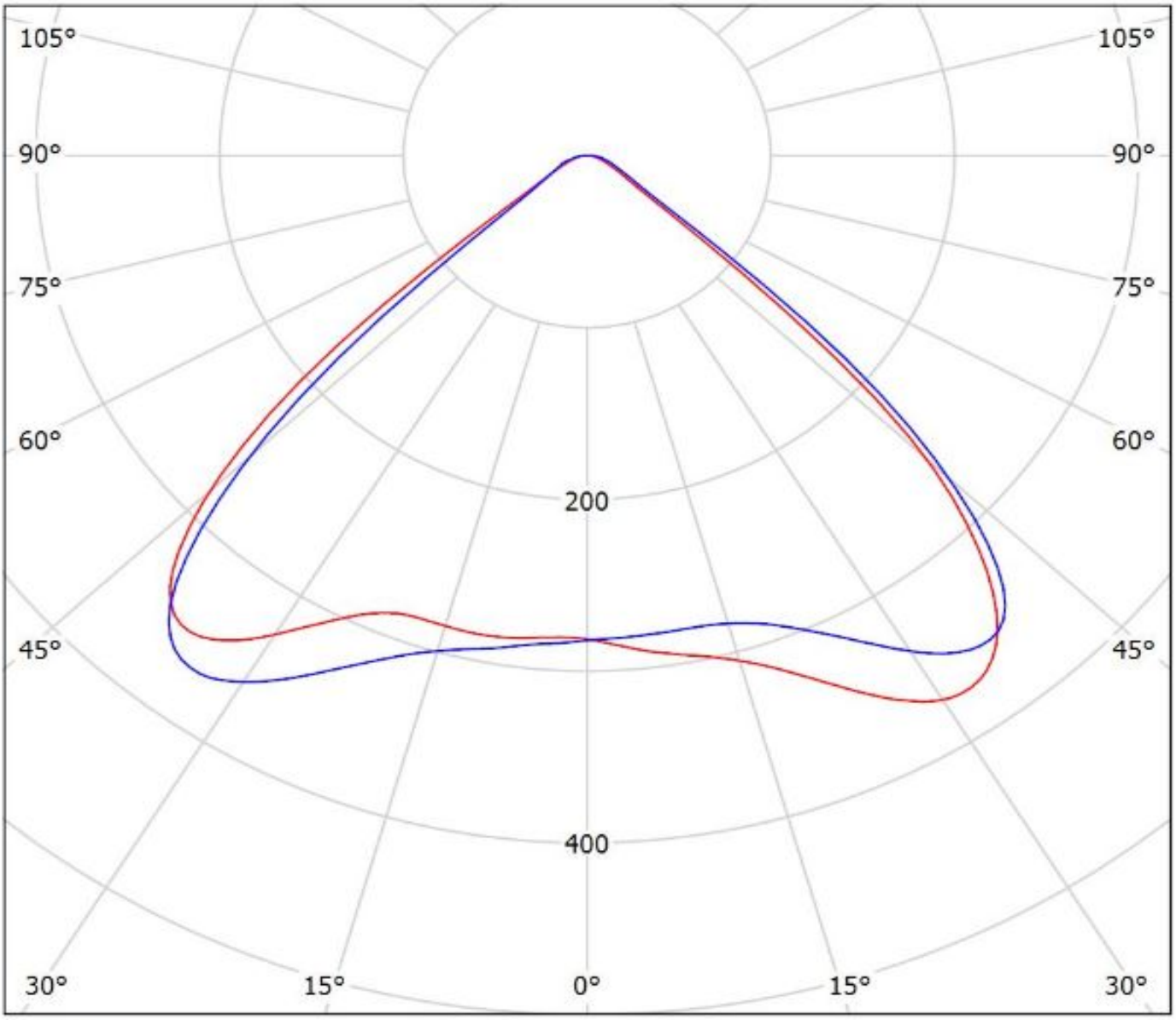


cd/klm

η = 92%

C0 - C180 C90 - C270

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

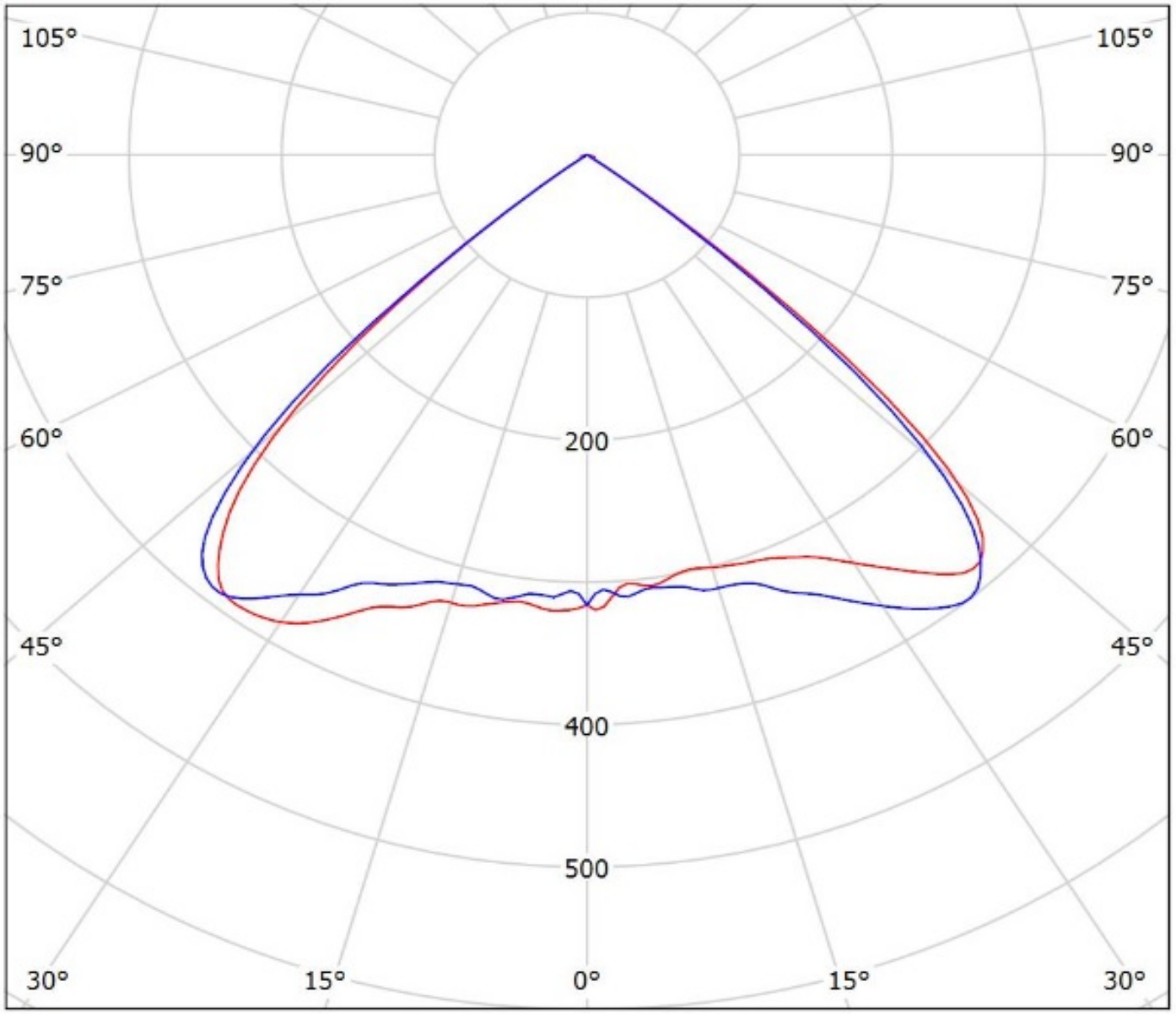


cd/klm

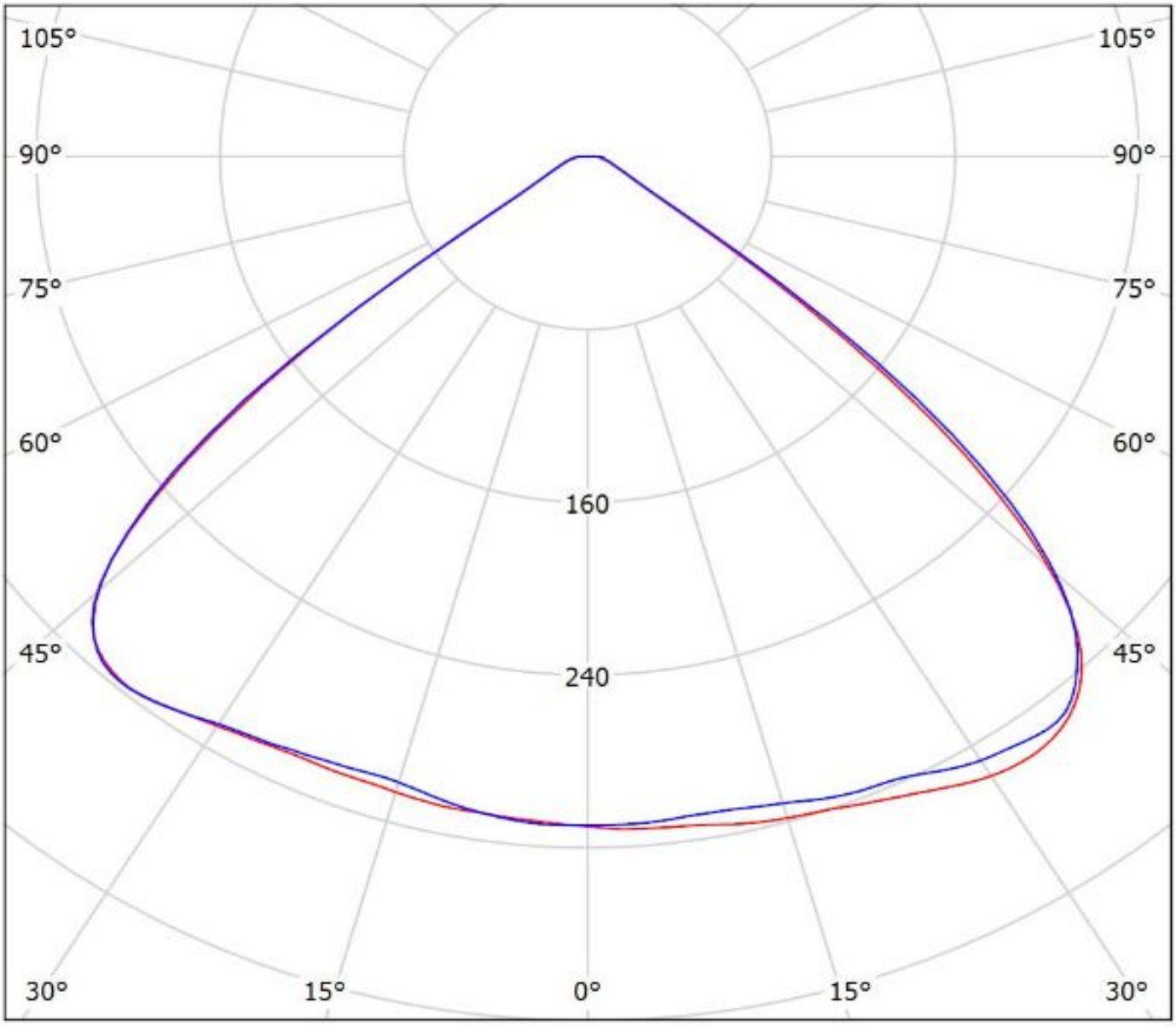
η = 94%

C0 - C180 C90 - C270

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

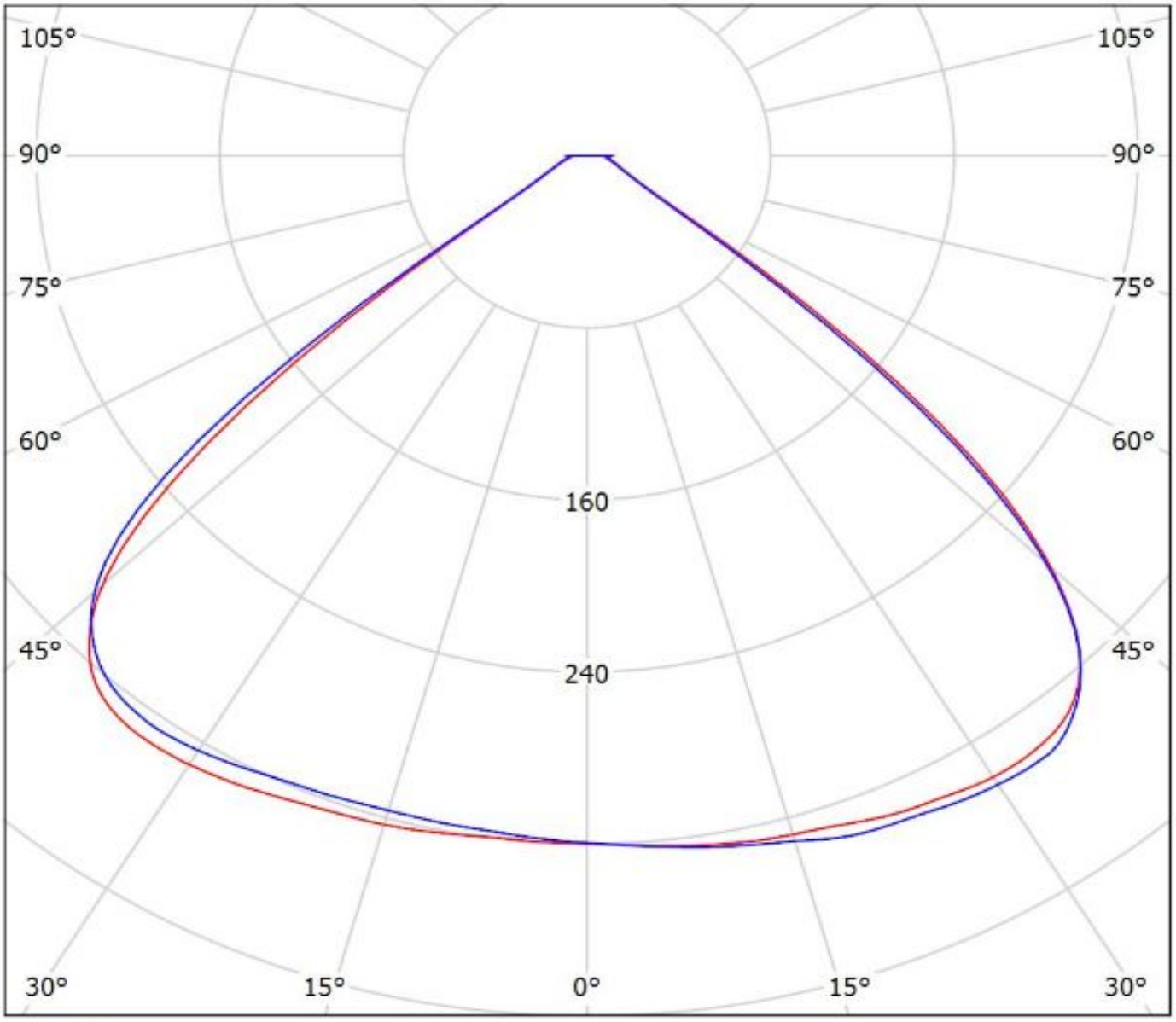


cd/klm

η = 94%

C0 - C180 C90 - C270

Luminaire: LEDiL Oy FCN14648_JENNY-CY_(P9)
Lamps: 1 x OSRAM_SOLERIQ_P9_(GW_MAFJB1.EM)_911lm@250mA_P=6.90072W_I=249.8mA

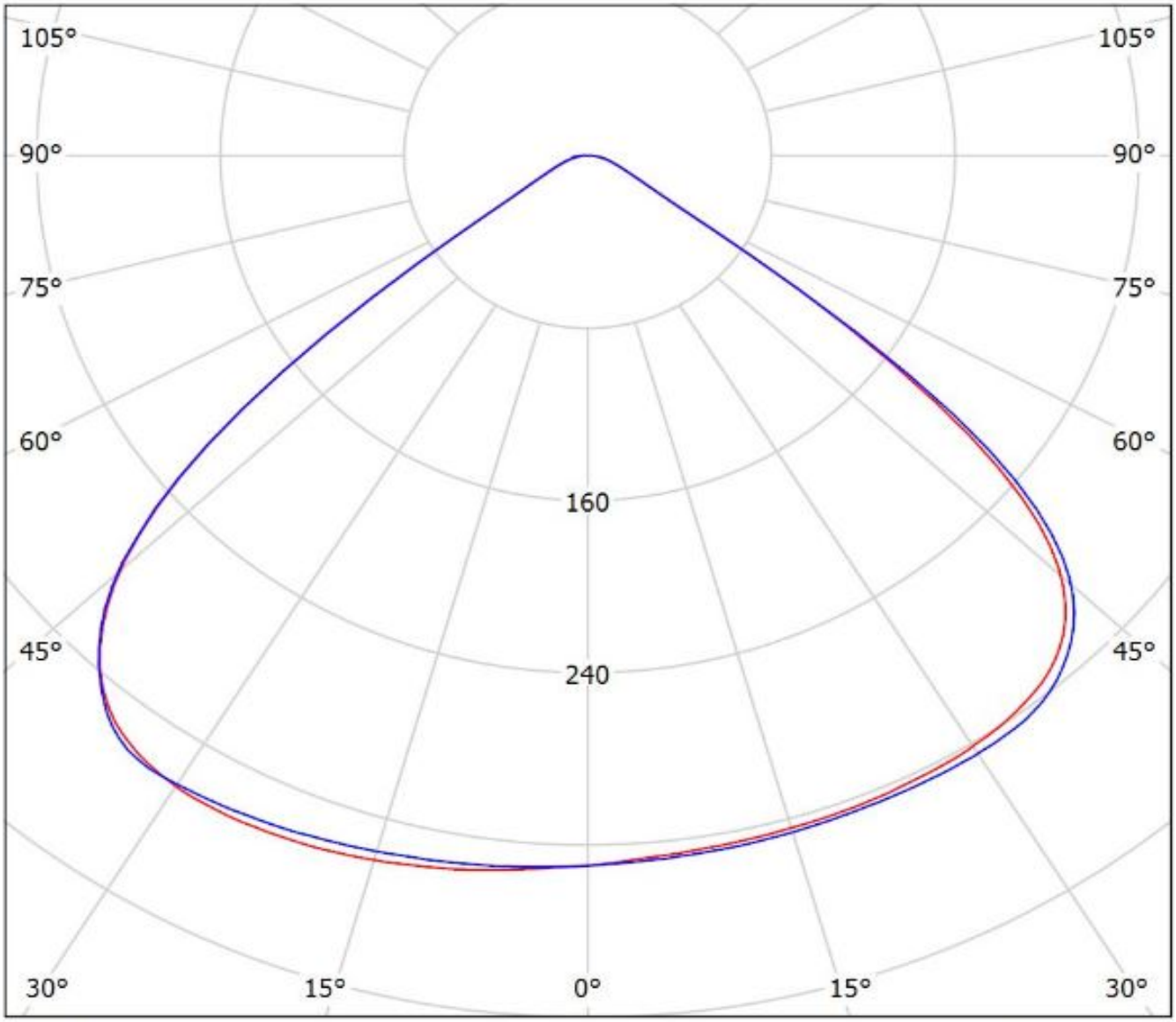


cd/klm

η = 94%

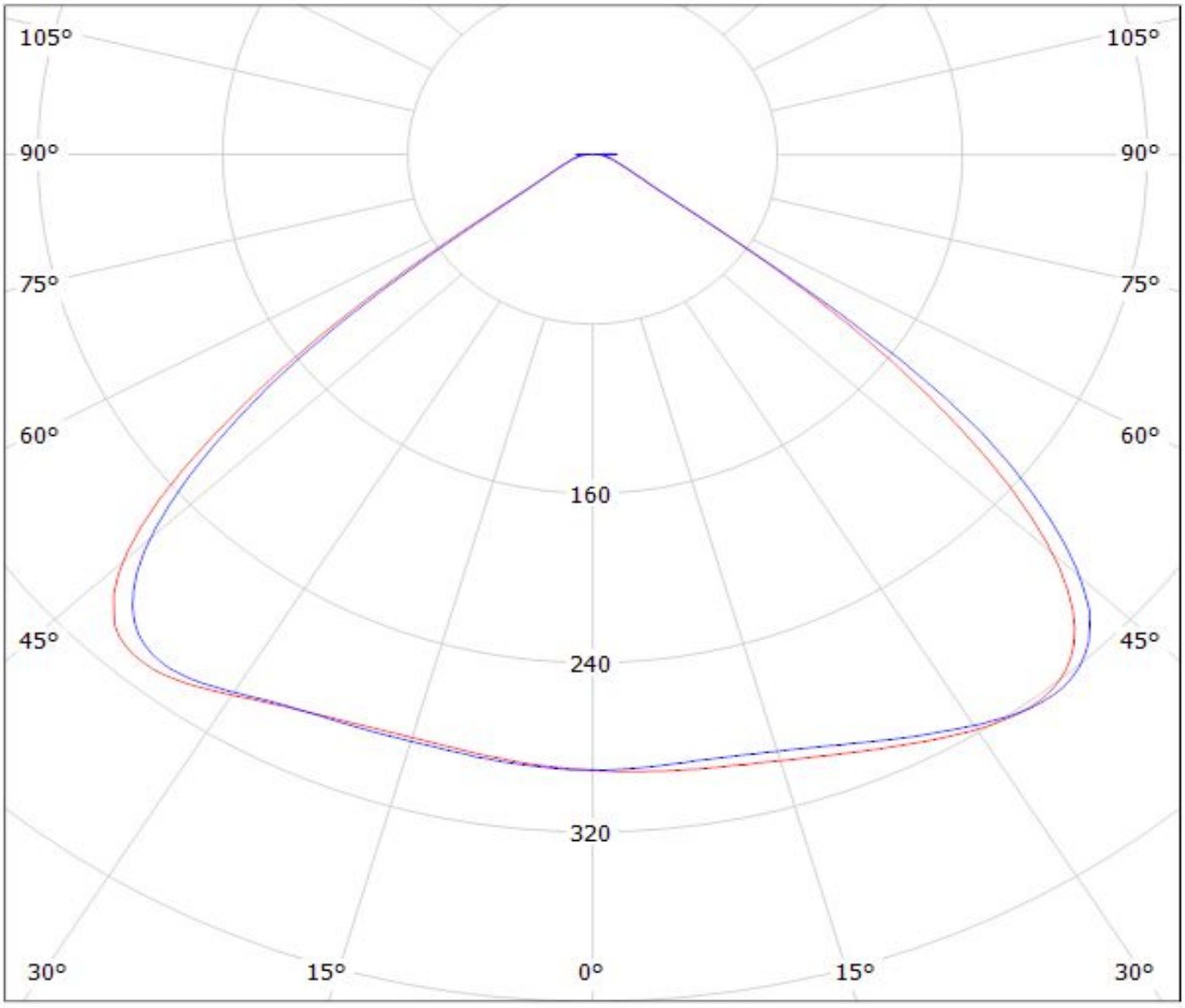
C0 - C180 C90 - C270

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



cd/klm
η = 94%
C0 - C180
C90 - C270

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

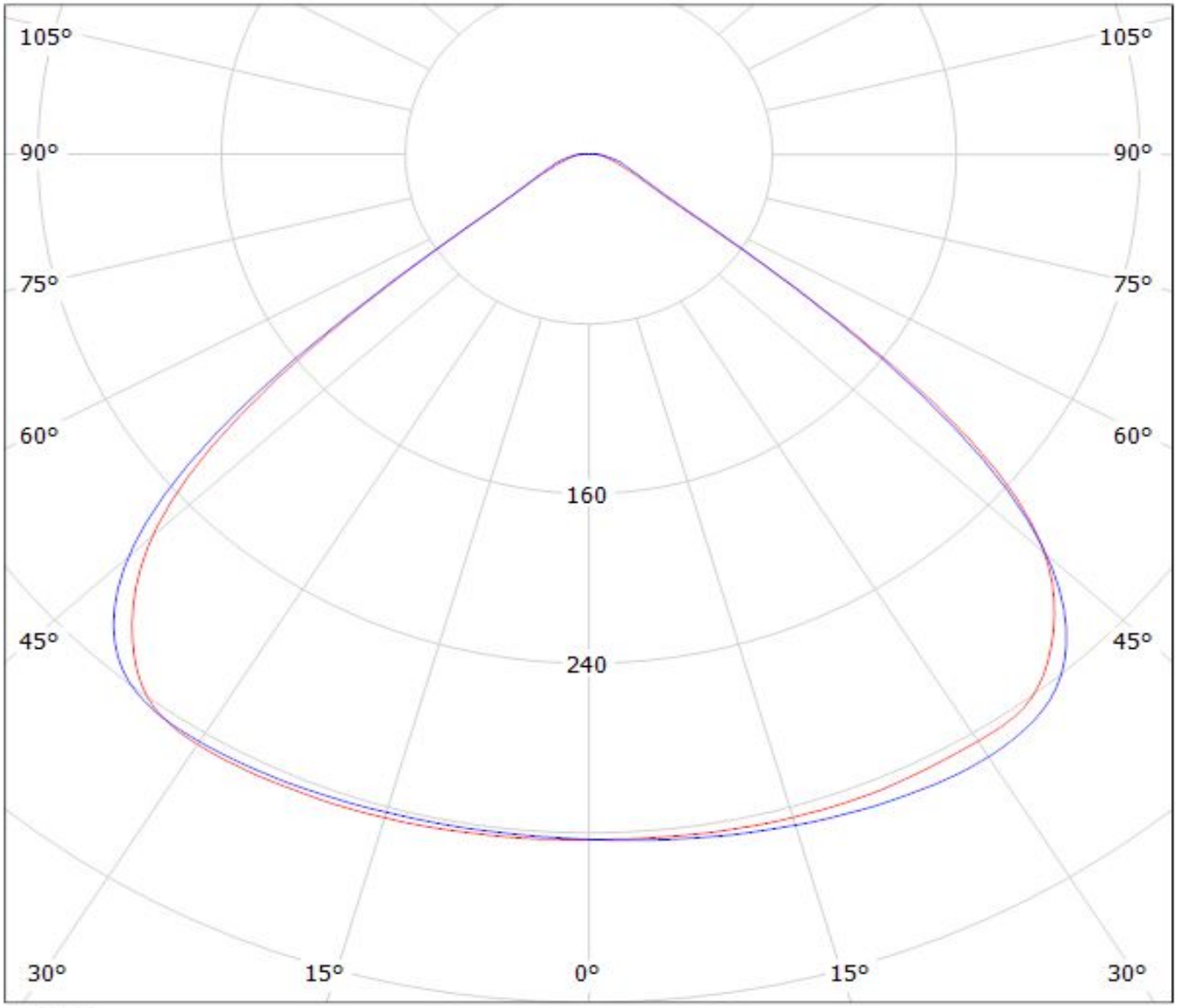


cd/klm

η = 93%

C0 - C180 C90 - C270

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



cd/klm

η = 91%

C0 - C180 C90 - C270

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.