

DETAILS

Product Number	FCN14647_ANGELINA-XW
Family	ANGELINA
Type	RefPack
Color	white
Diameter	mm
Height	mm
Style	round
Optic Material	
Holder Material	
Fastening	socket
Status	production ready
ROHS Compliant	Yes
Date Updated	3/11/2016

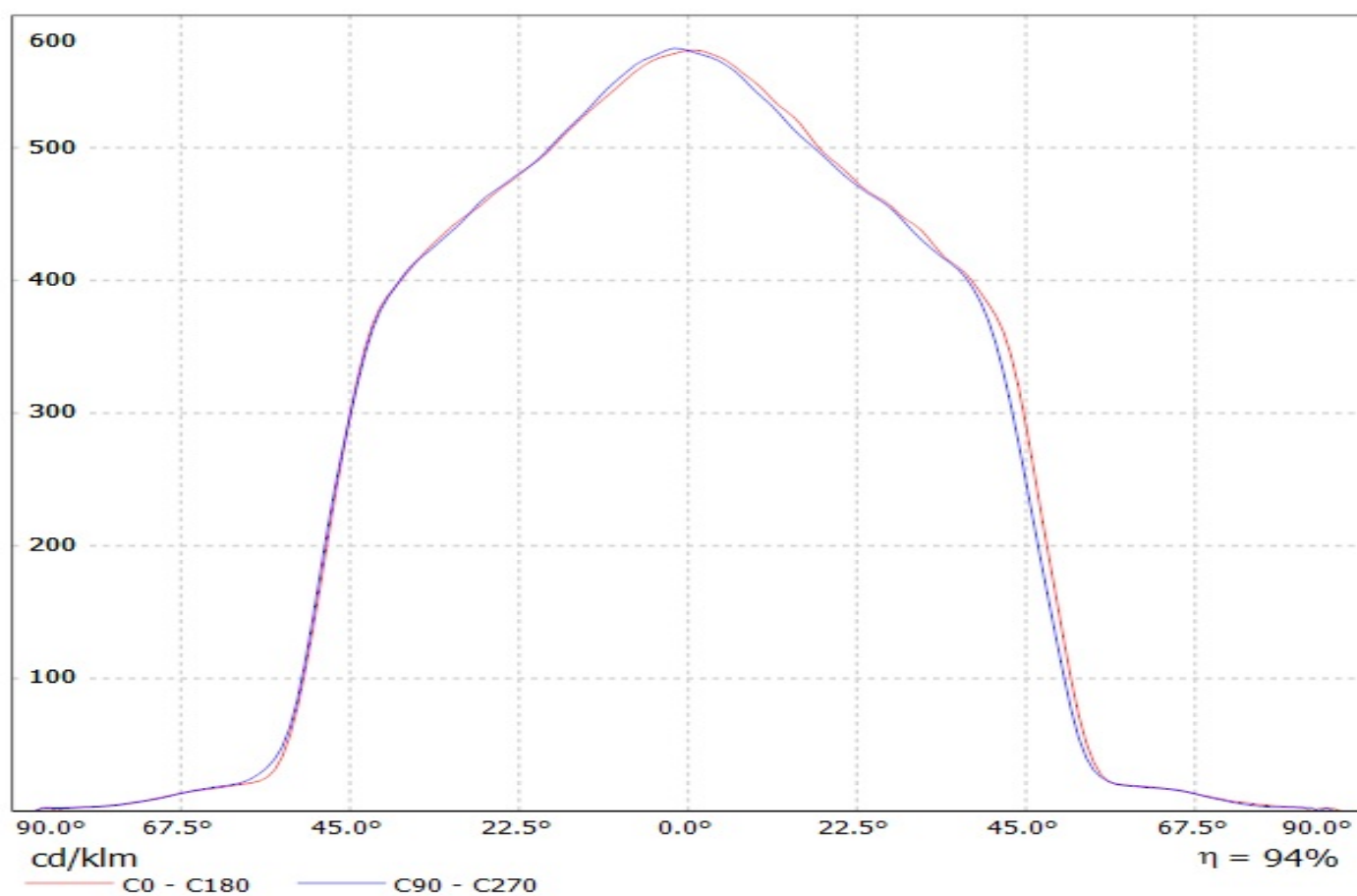


OPTICAL PROPERTIES

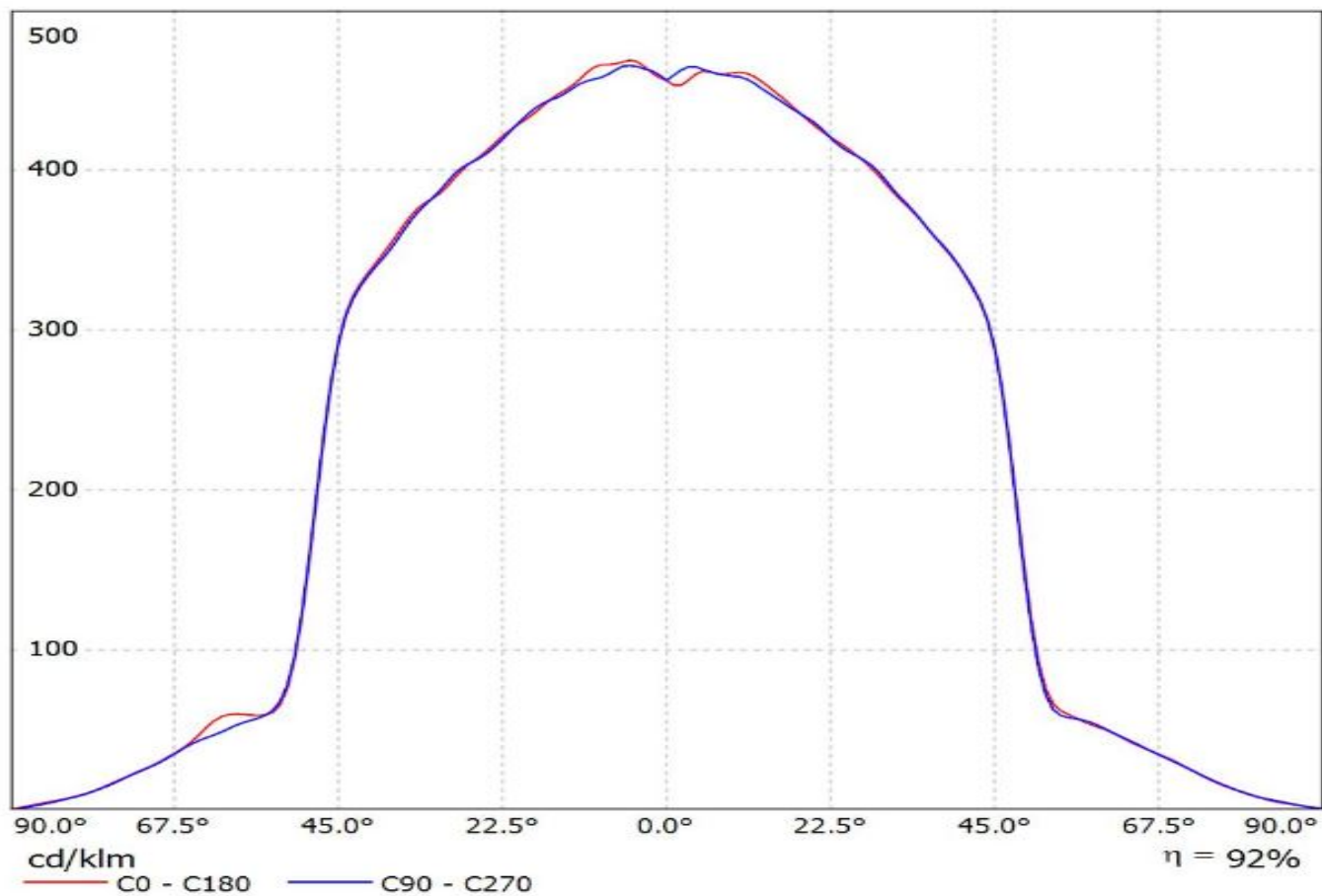
LED	Viewing	Light	Efficiency		Connector
	Angle	Beam	ciency	cd/lm	
VERO18	90 deg	Wide	94 %	0.580	-
V10 Gen7	sim: 93	Wide	sim: 92 %	sim: 0.490	Bender Wirth: 434 Typ L1
CLU700/701	95 deg	Wide	95 %	0.500	Bender Wirth: 434 Typ L1
CLL02x/CLU02x (LES10)	94 deg	Wide	95 %	0.500	Bender Wirth: 434 Typ L1
CXA/B 1816 & CXA/B 1820 & CXA 1850	94 deg	Wide	94 %	0.500	Bender Wirth: 437 Typ L1
CXA/B 15xx	94 deg	Wide	94 %	0.500	Bender Wirth: 441 Typ L1
LUXEON CoB 1202/1203	95 deg	Wide	94 %	0.500	Bender Wirth: 438 Typ L1
CXM-9	sim: 94	Wide	sim: 95 %	sim: 0.500	Bender Wirth: 434 Typ L1
COB J-Type	93 deg	Wide	95 %	0.480	Bender Wirth: 463 Typ L2
COB L-Type (LES 11)	94 deg	Wide	94 %	0.490	Bender Wirth: 438 Typ L1
Solieriq P9	93 deg	Wide	94 %	0.480	Bender Wirth: 461 Typ L1
Solieriq P13	92 deg	Wide	94 %	0.490	Bender Wirth: 437 Typ L1
Solieriq S13	93 deg	Wide	94 %	0.500	Bender Wirth: 437 Typ L1
LC026B/LC040B	91 deg	Wide	94 %	0.490	Bender Wirth: 450 Typ L2
ZC12/18	sim: 92	Wide	sim: 95 %	sim: 0.490	Bender Wirth: 433 Typ L1
ZC4/6	sim: 94	Wide	sim: 95 %	sim: 0.500	Bender Wirth: 434 Typ L1
SLE G5 LES11	94 deg	Wide	94 %	0.500	Bender Wirth: 434 Typ L1

Luminaire: LEDil Oy FCN14647_ANGELINA-XW_(VERO18)

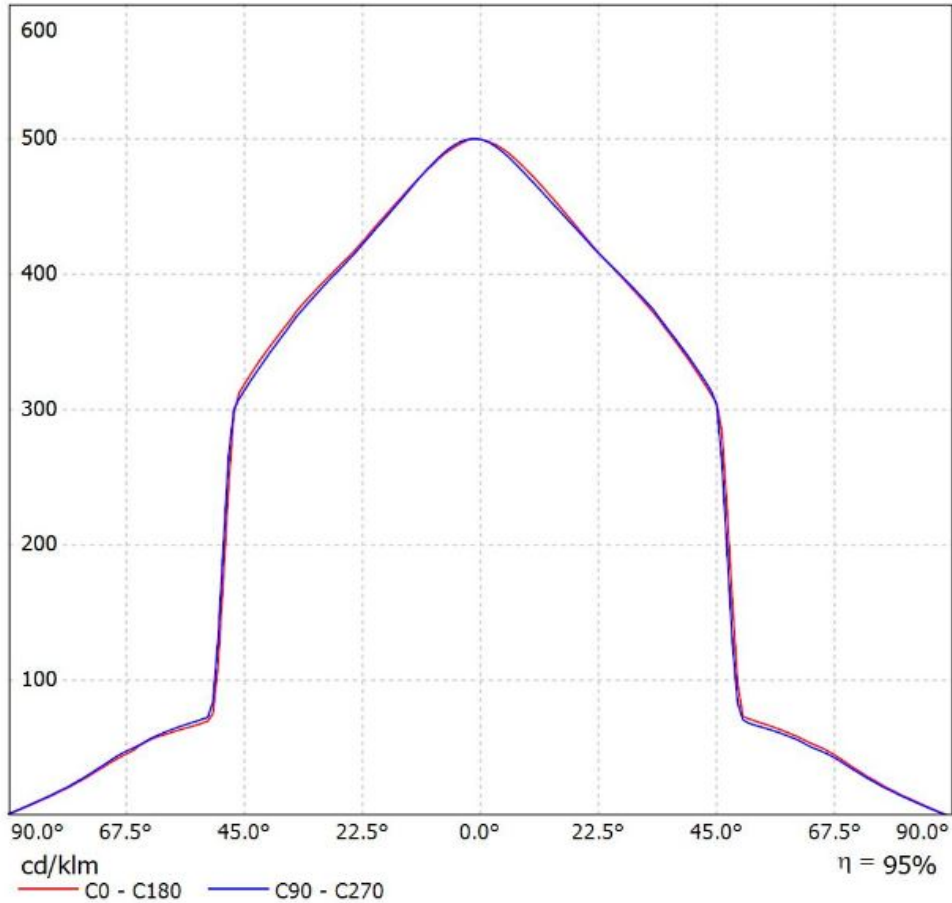
Lamps: 1 x Bridgelux VERO18 (BXRC-30E4000F) 858.06lm @ 250mA CCT=3153K P=6.8W I=250mA



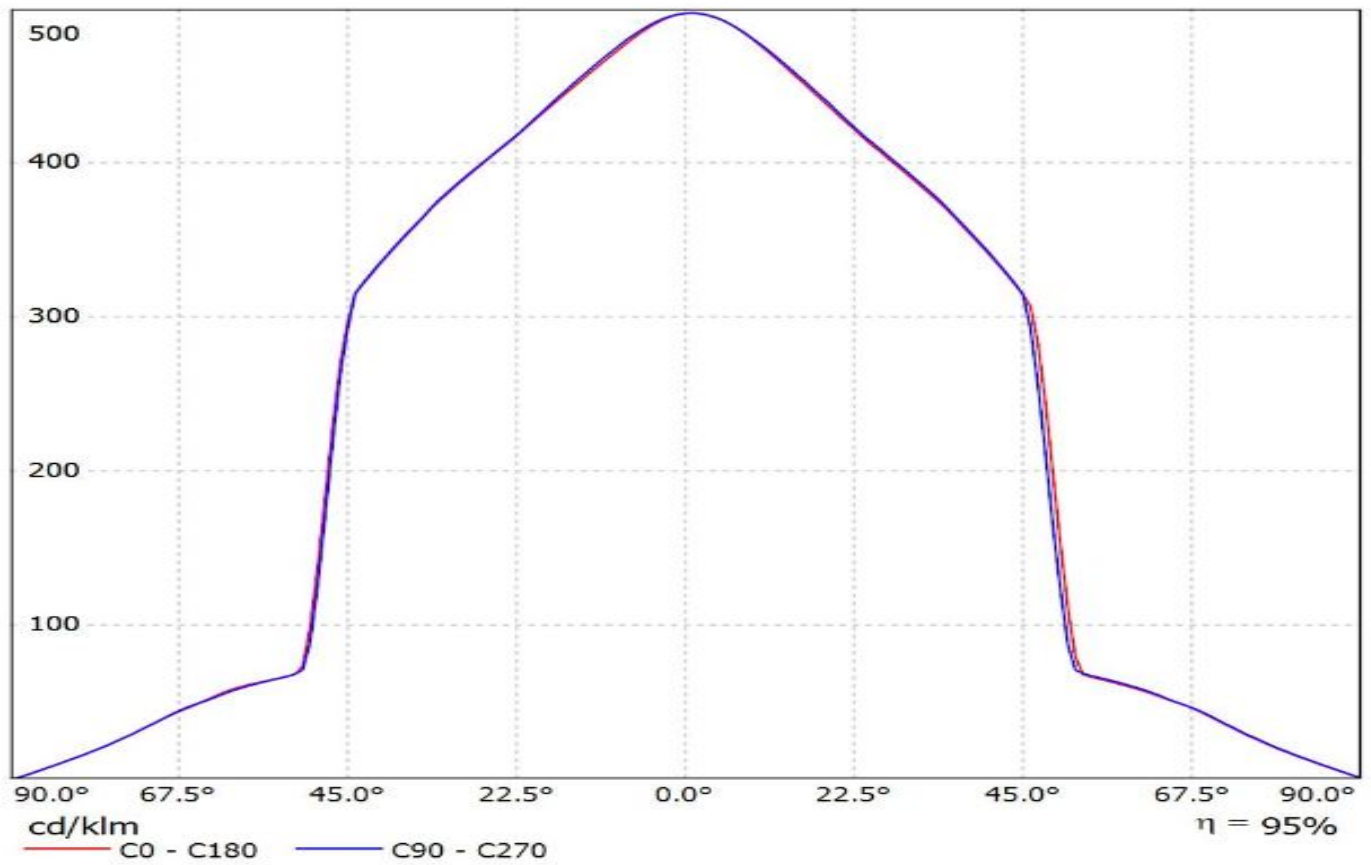
Luminaire: Ledil Oy FCN14647_ANGELINA-XW+_B+W_434_TypL1_BRIDGELUX_V10_Gen7_SIMULATED
Lamps: 1 x BRIDGELUX V10 Gen7



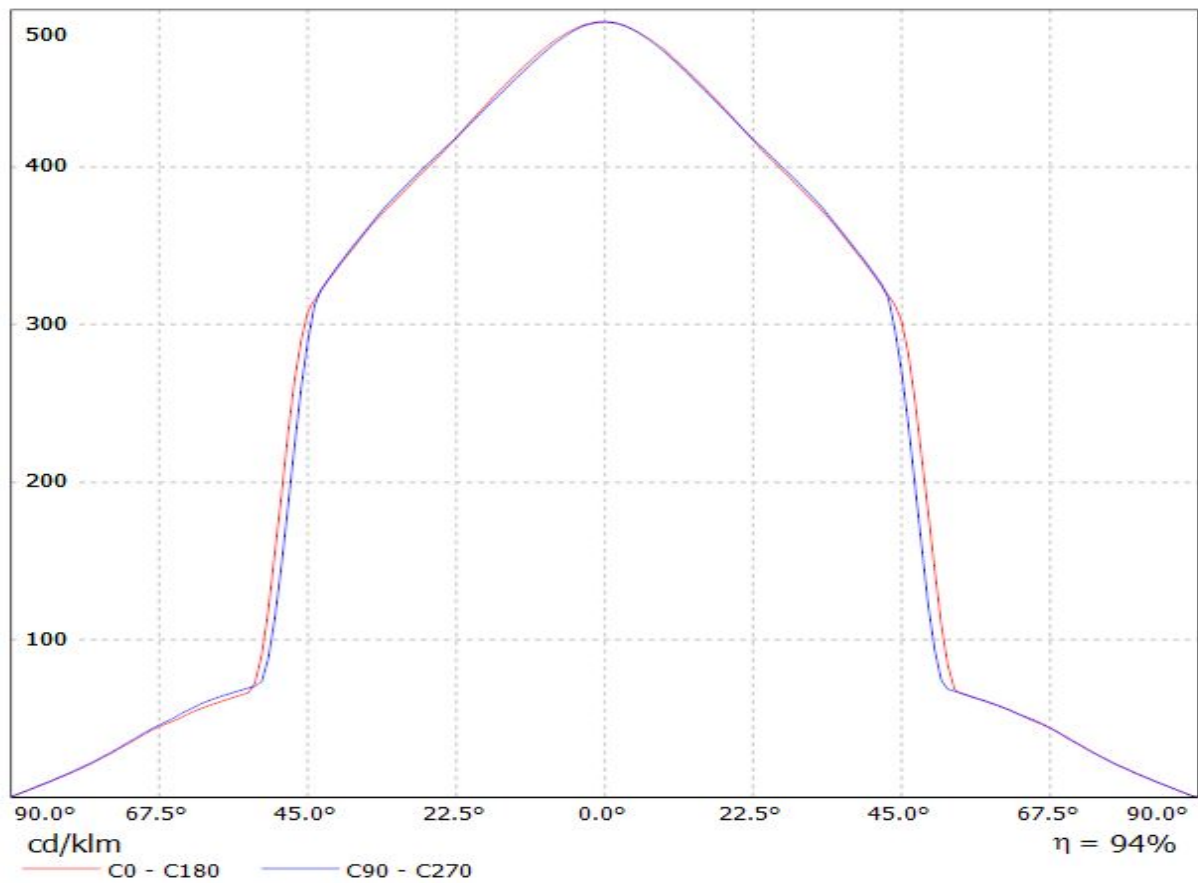
Luminaire: Ledil FCN14647_ANGELINA-XW_(CLU700)_(434_Typ_L1) Citizen_CLU700_(CLU700-1002B8-273M2G1)_390.128lm@100mA_P=3W_I=0.10A
Lamps: 1 x Citizen_CLU700_(CLU700-1002B8-273M2G1)_388.036lm@100mA_P=3W_I=0.10A



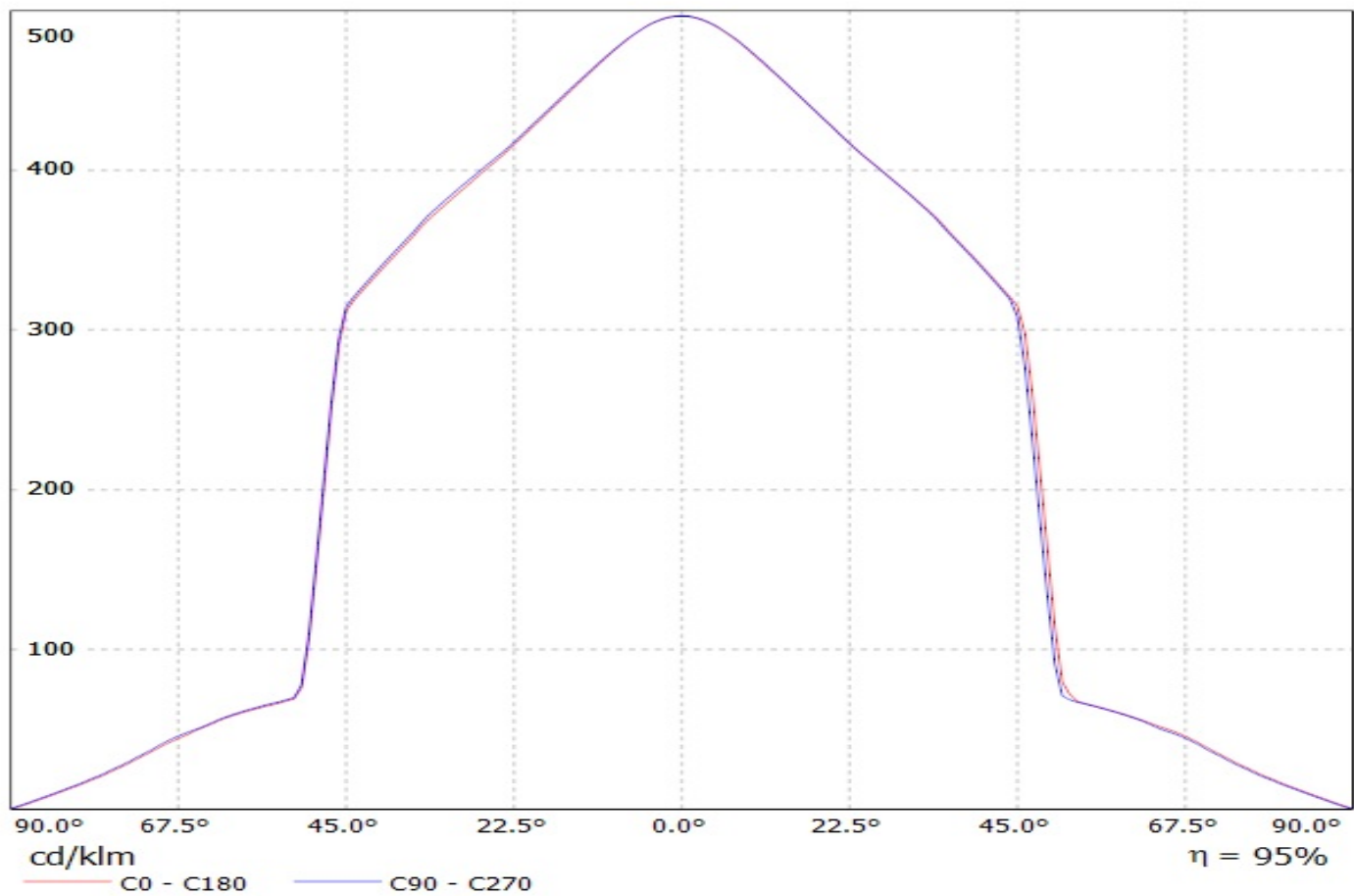
Luminaire: Ledil FCN14647_ANGELINA-XW_(CLU024)_(433_Typ_L1) Citizen_CLU024_(433_Typ_L1)_(C13658_CLAMP-VERO13-18)_1071.07lm@250mA_P=8.43W_I=0.25A
Lamps: 1 x Citizen_CLU024_(433_Typ_L1)_(C13658_CLAMP-VERO13-18)_1071.07lm@250mA_P=8.43W_I=0.25A



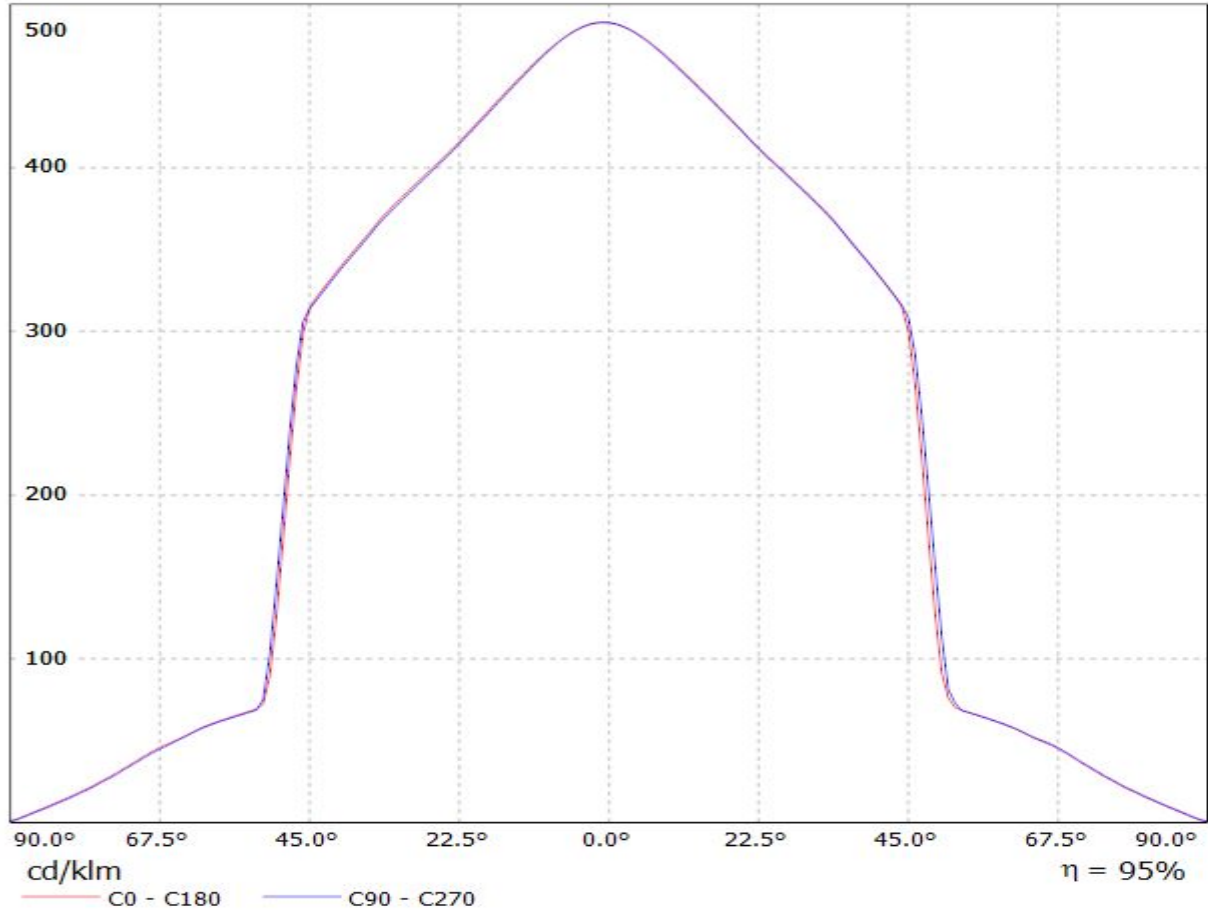
Luminaire: Ledil FCN14647_ANGELINA-XW_(CXA1850)
Lamps: 1 x CREE_CXA1850_(CXA1850-30F-T4-N0Y-00001)_831.914lm@250mA_CCT=3000K_P=8.27W_I=0.25A



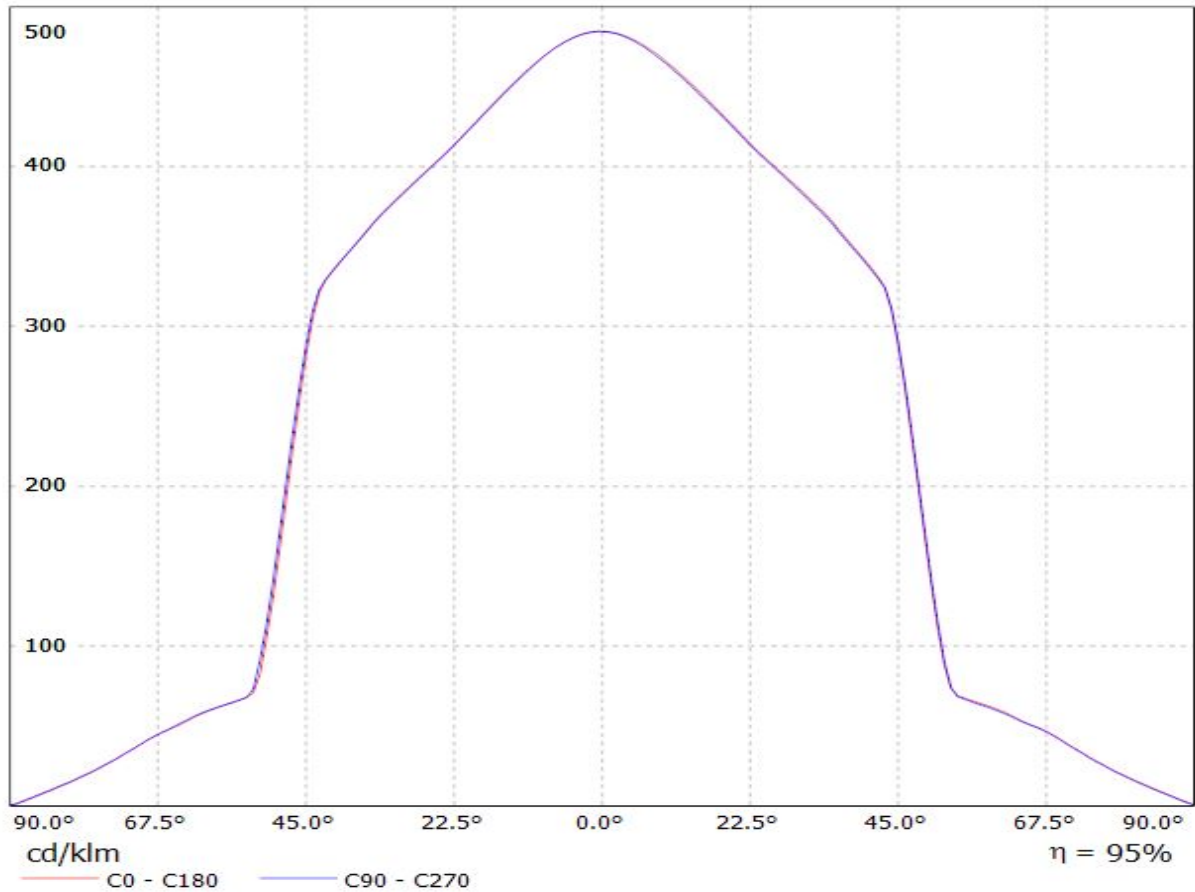
Luminaire: LEDiL Oy FCN14647_ANGELINA-XW_(CXA1520)_ (441_Typ_L1)
Lamps: 1 x Cree_CXA1520_(CXA1520-30F-N4-N0H-00001)_993.209lm@250mA_P=8.74575W_I=0.2499A



Luminaire: LEDiL Oy FCN14647_ANGELINA-XW_(LUXEON_CoB_1203)_ (438_Typ_L1)_(C13658_CLAMP-VERO13-18)
Lamps: 1 x LUXEON_CoB_1203_(438_Typ_L1)_(C13658_CLAMP-VERO13-18)_984.561lm@250mA_P=8.6828W_I=0.25A

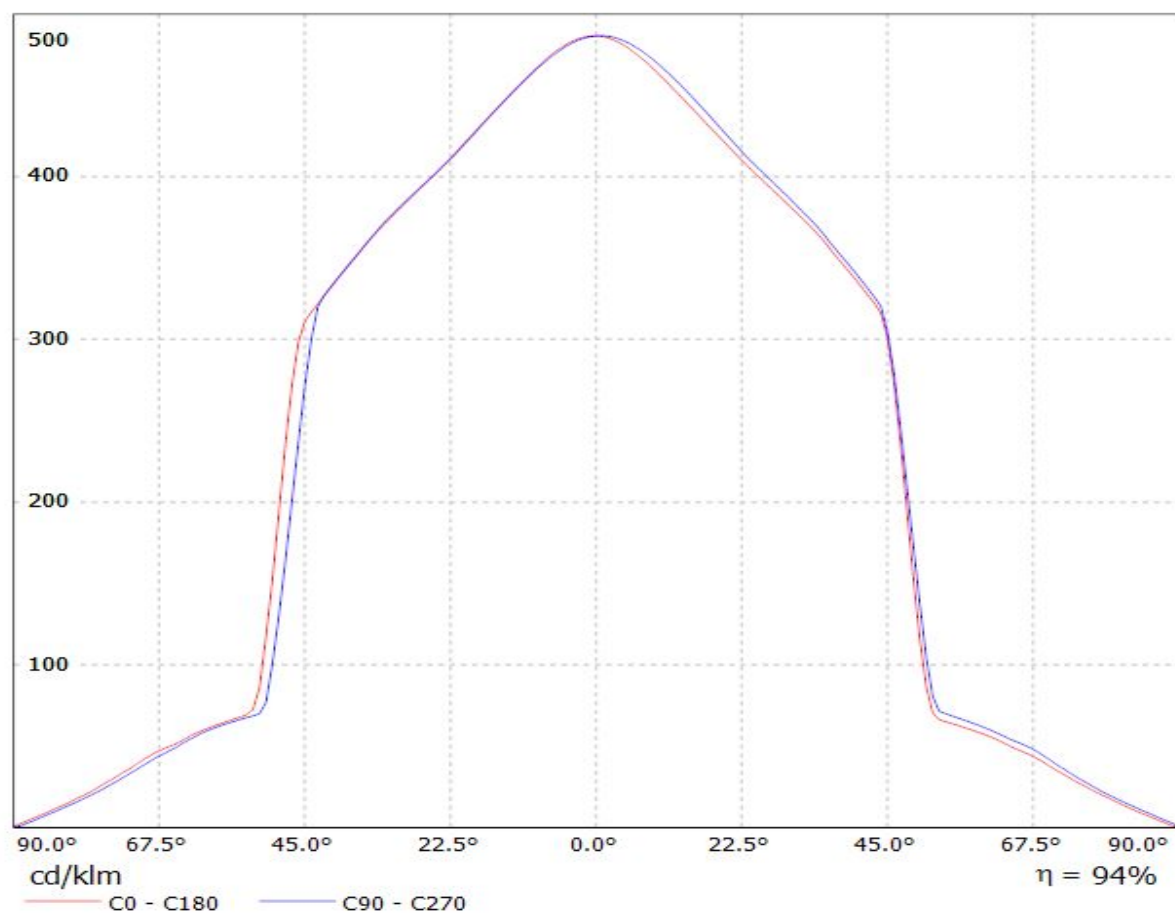


Luminaire: LEDiL Oy FCN14647_ANGELINA-XW_(NFDxJ130B)
Lamps: 1 x Nichia_NFDxJ130B_(463 Typ L2)_C13658_CLAMP-VERO13-18_1458.51lm@250mA_P=8.87739W_I=0.2498A

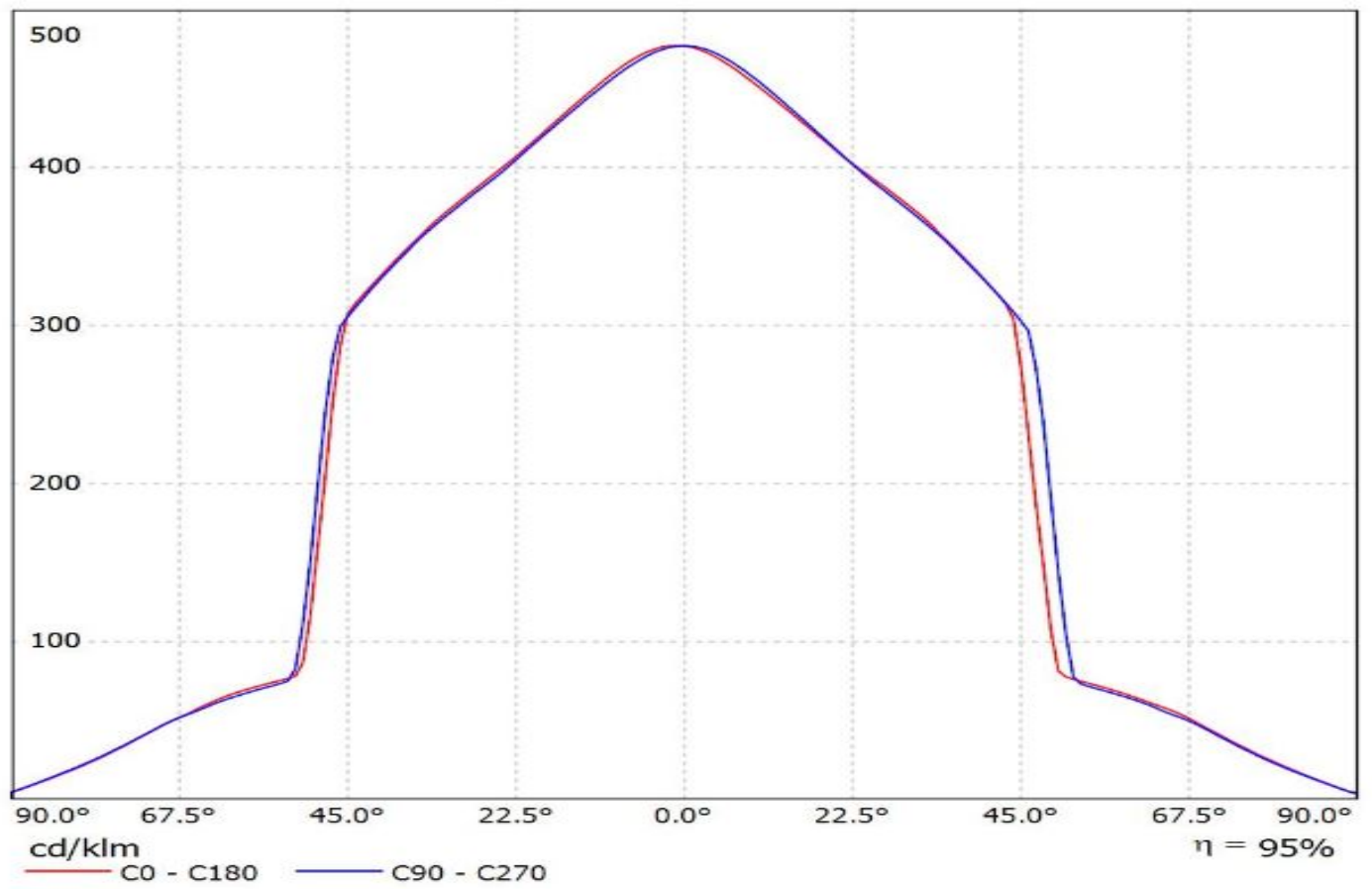


Luminaire: LEDiL Oy FCN14647_ANGELINA-XW_(NFCxL060B)_(438_Typ_L1)

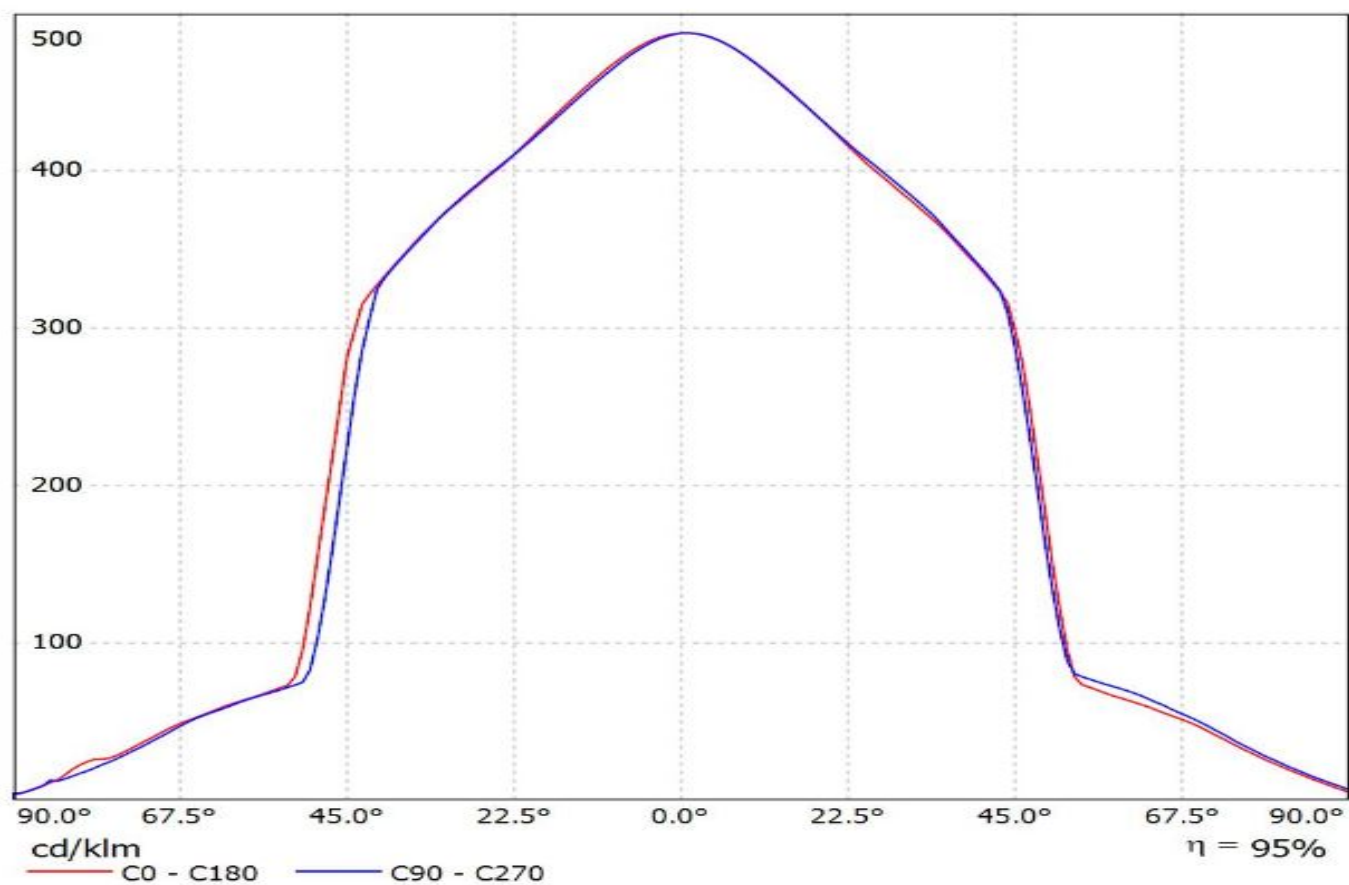
Lamps: 1 x Nichia_NFCxL060B_(SM403G2450R8000)_(C13658)_(438_Typ_L1)_1298.52@250mA_P=8.45498W_I=0.2498A



Luminaire: Ledil FCN14647_ANGELINA-XW_(Soleriq_P9)
Lamps: 1 x Osram_Soleriq_P9_(GW_MAFJB1.EM)_972.417lm@250mA_CCT=4299K_P=6.9W_I=0.25A



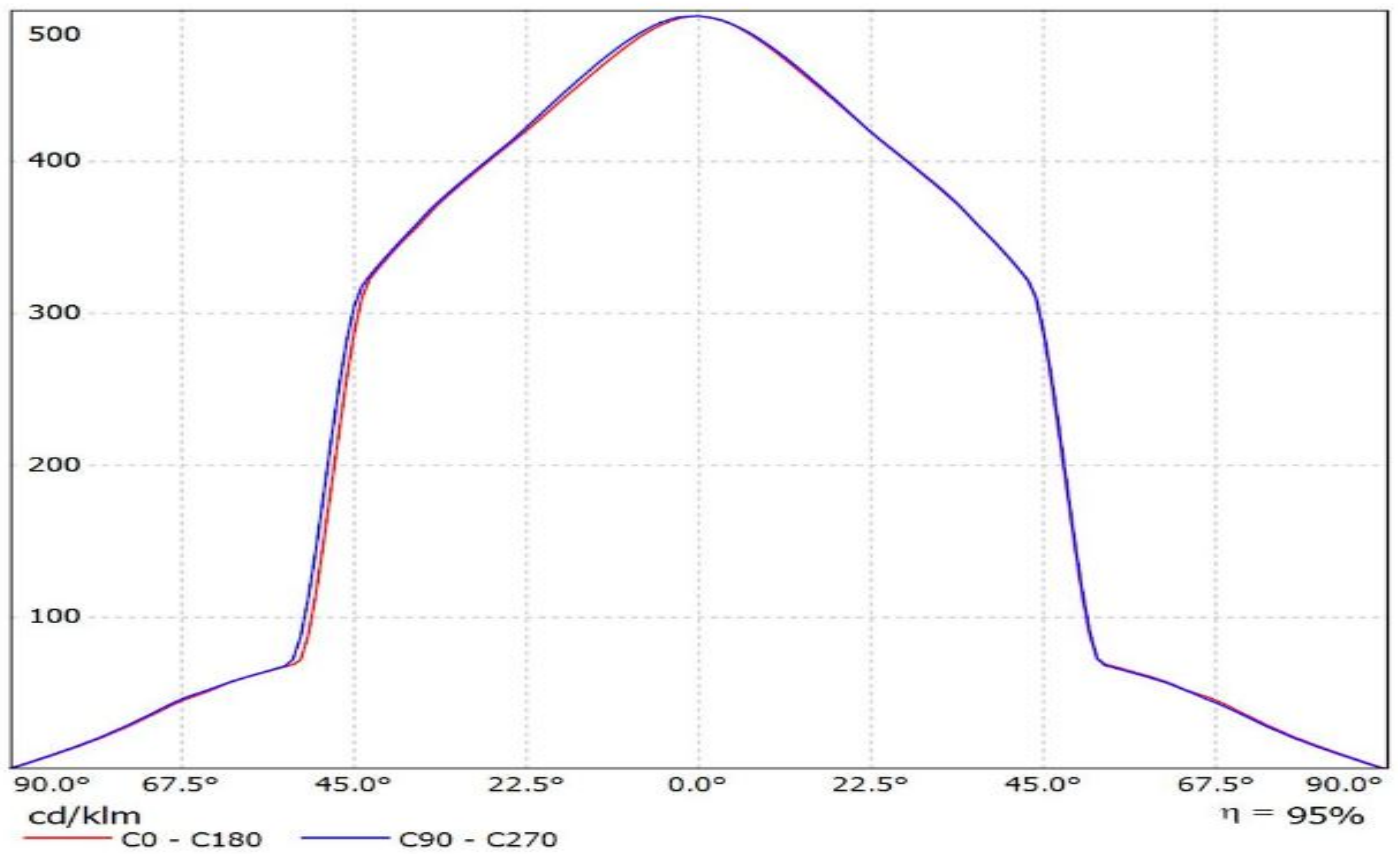
Luminaire: Ledil FCN14647_ANGELINA-XW_(Soleriq_P13)
Lamps: 1 x Osman_Soleriq_P13_1009.11lm@250mA_P=6.9385W_I=0.25A



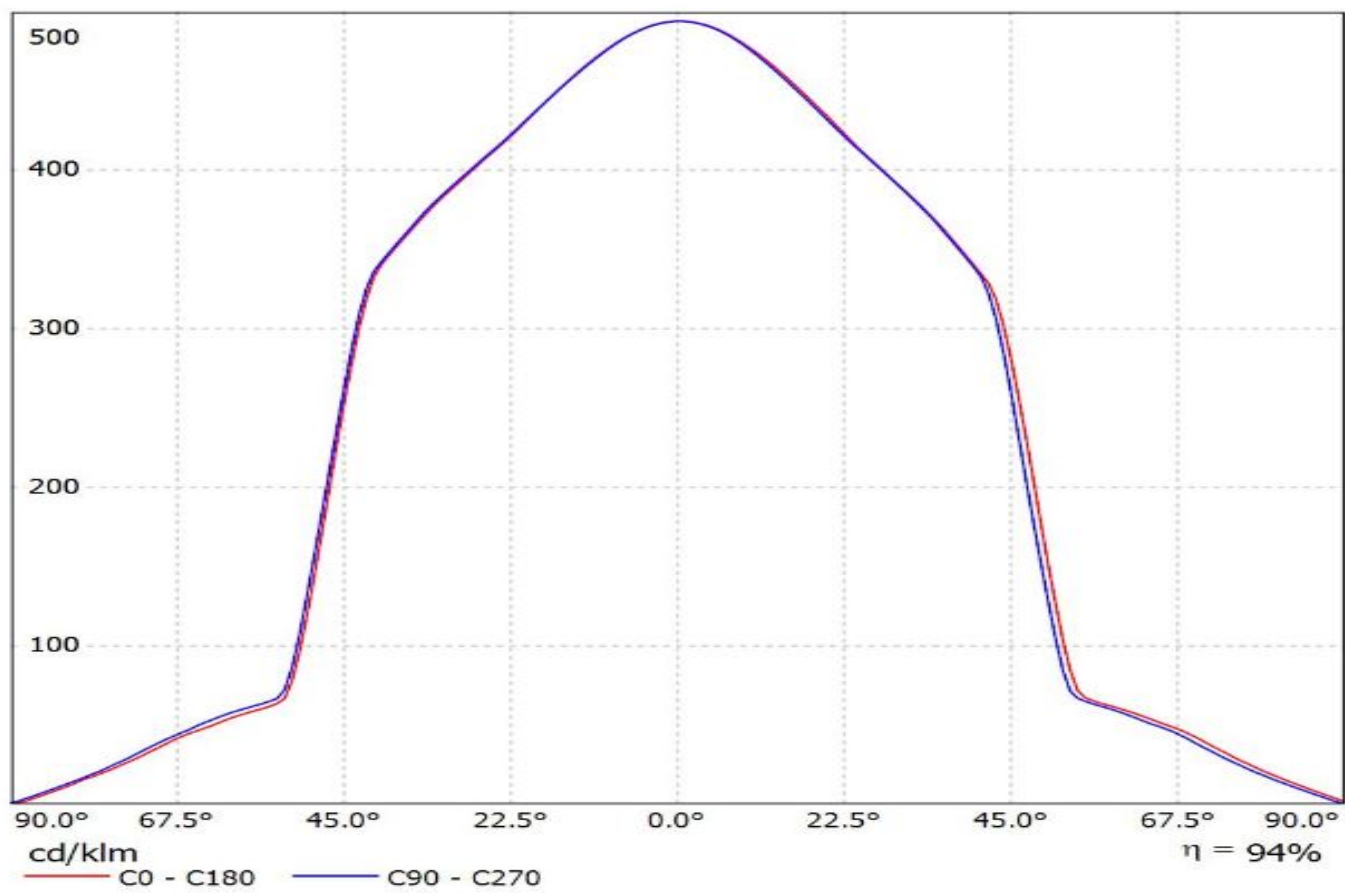
Ledil FCN14647_ANGELINA-XW_(Soleriq_S13) / LDC (Linear)

Luminaire: Ledil FCN14647_ANGELINA-XW_(Soleriq_S13)

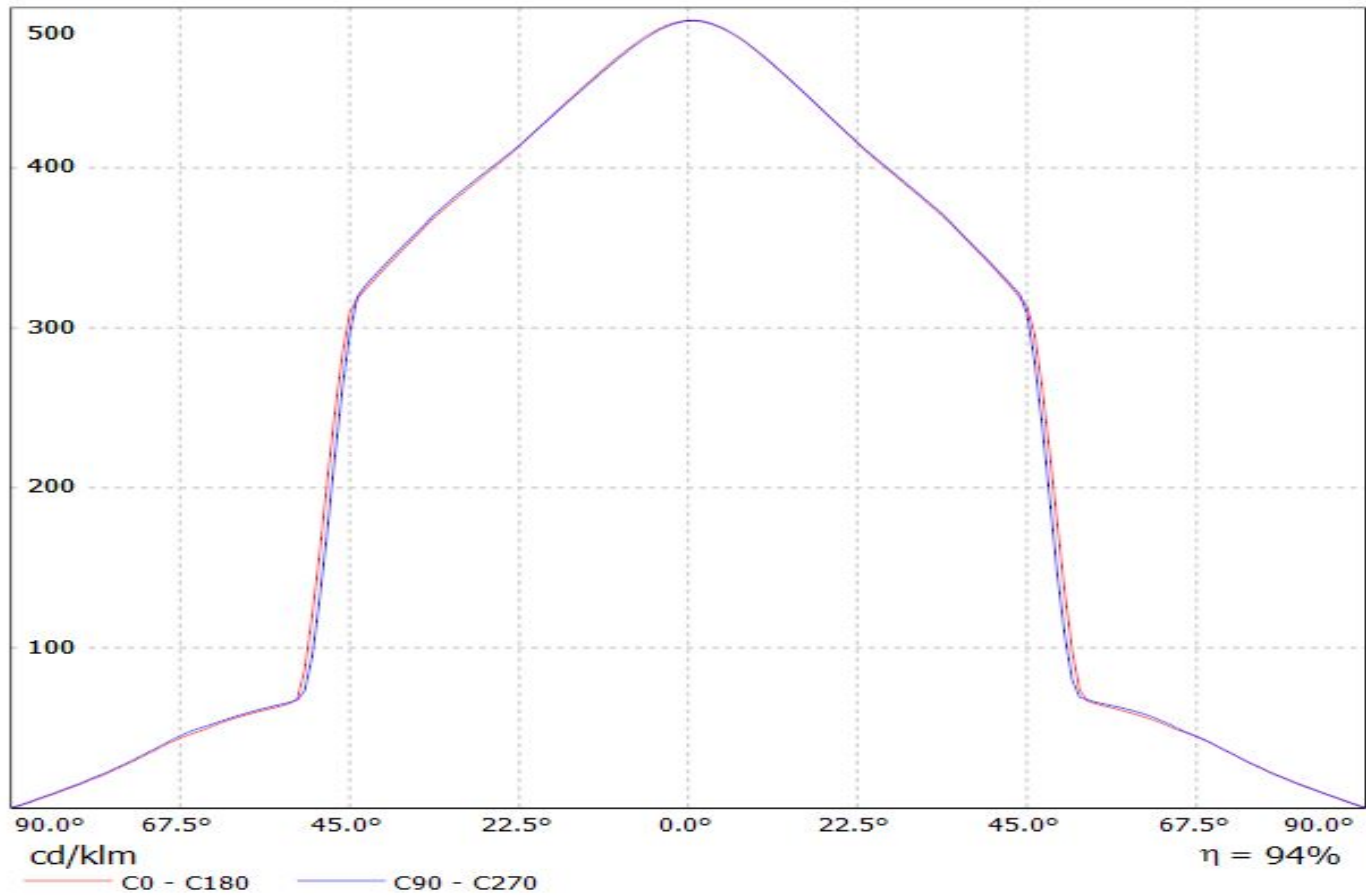
Lamps: 1 x Osram_Soleriq_S13_(GW_KAGHB1.EM)_896.727lm@250mA_P=7.44679W_I=250mA



Luminaire: Ledil FCN14647_ANGELINA-XW_(LC040B)_(450_Typ_L2)_(C13658_CLAMP-VERO13-18)
Lamps: 1 x Samsung_LC040B_CCT=3000K_(SPHWW1HDNE25010101)_(450_Typ_L2)_(C13658_CLAMP-VERO13-18)_1103.62lm@250mA_P=8.2W_I=0.25A

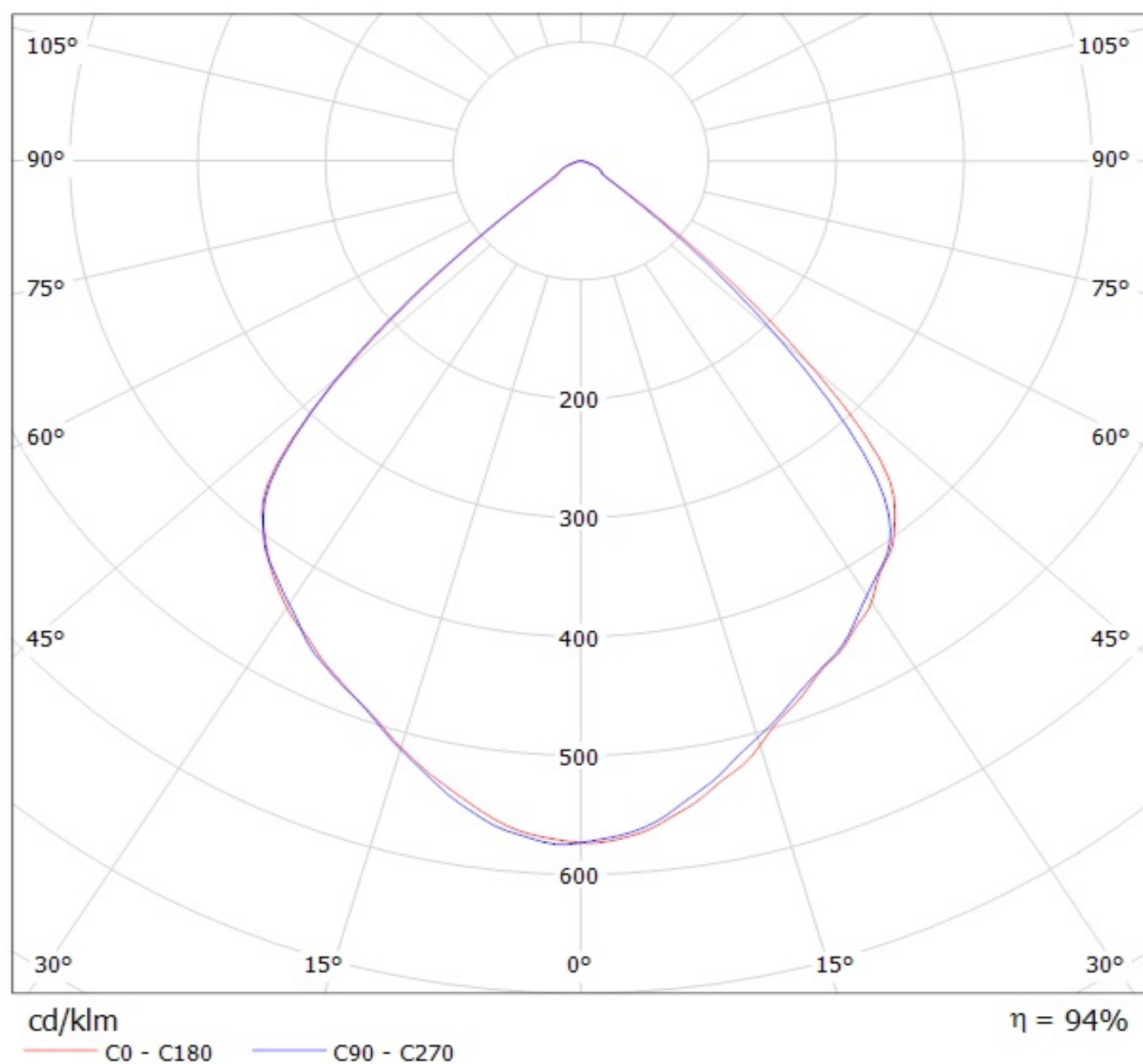


Luminaire: LEDiL Oy FCN14647_ANGELINA-XW_(SLE-G5_LES-11)
Lamps: 1 x Tridonic_SLE-G5_LES-11_1137.55lm@250mA_P=8.4177W_I=0.250A

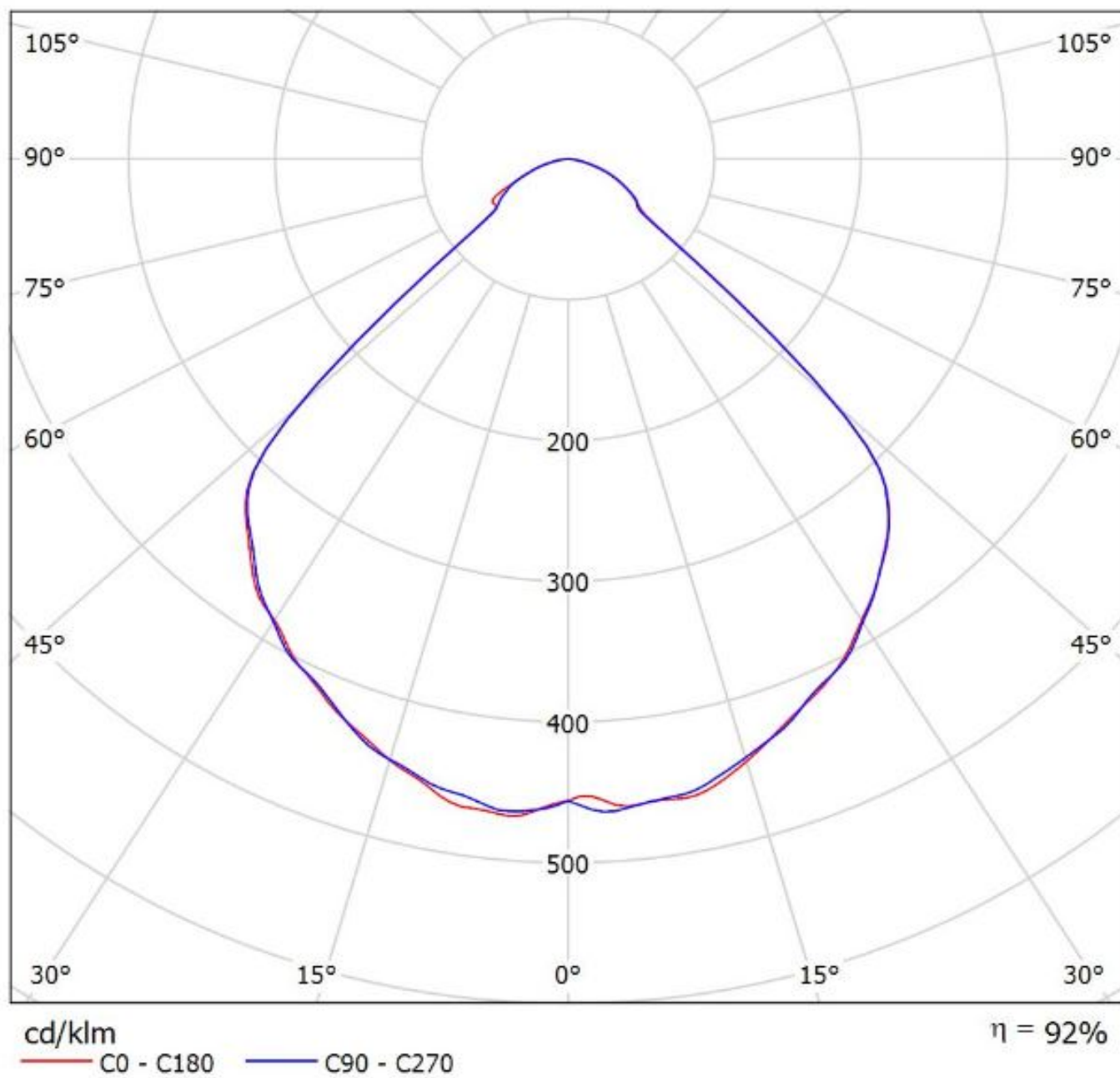


Luminaire: LEDil Oy FCN14647_ANGELINA-XW_(VERO18)

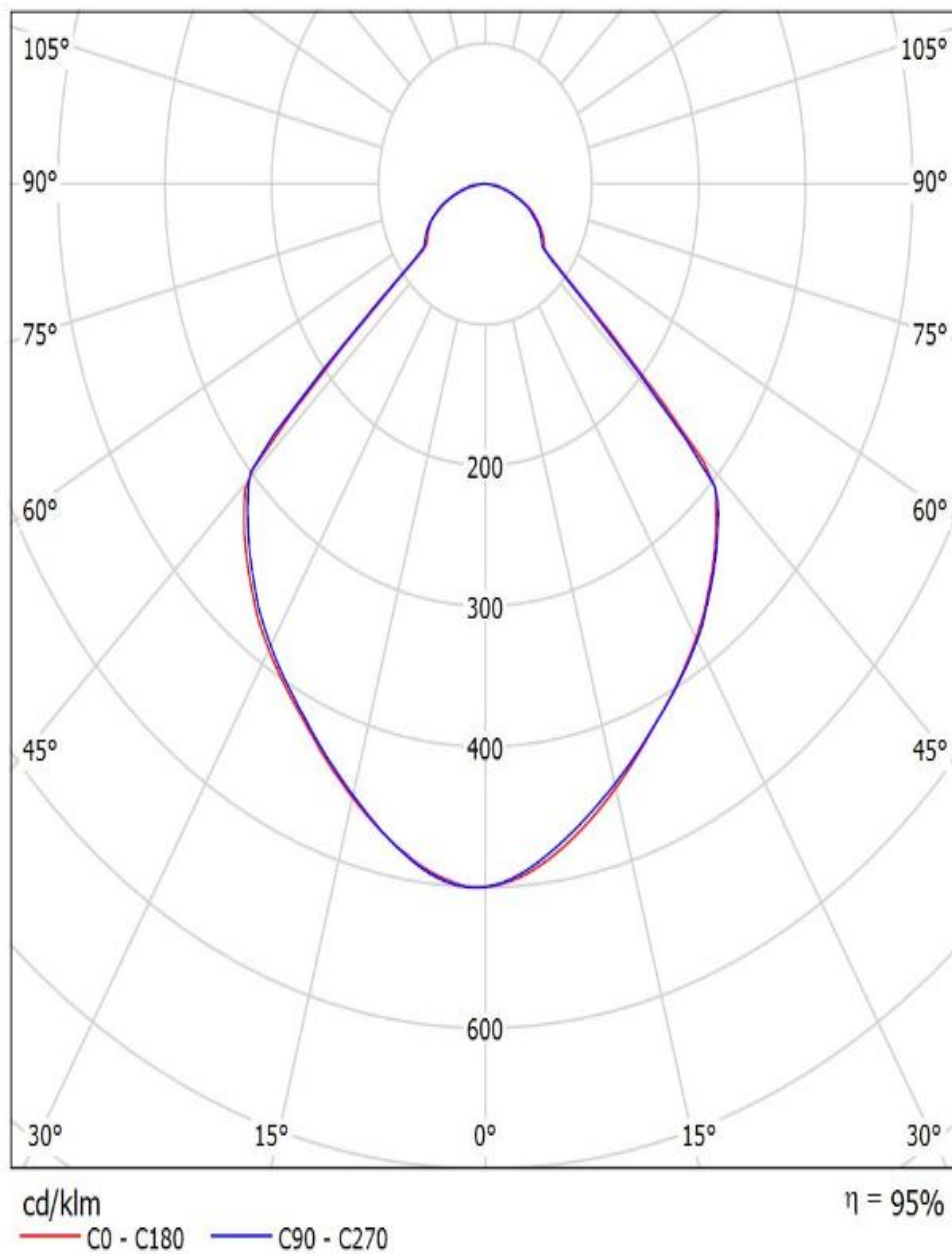
Lamps: 1 x Bridgelux VERO18 (BXRC-30E4000F) 858.06lm @ 250mA CCT=3153K P=6.8W I=250mA



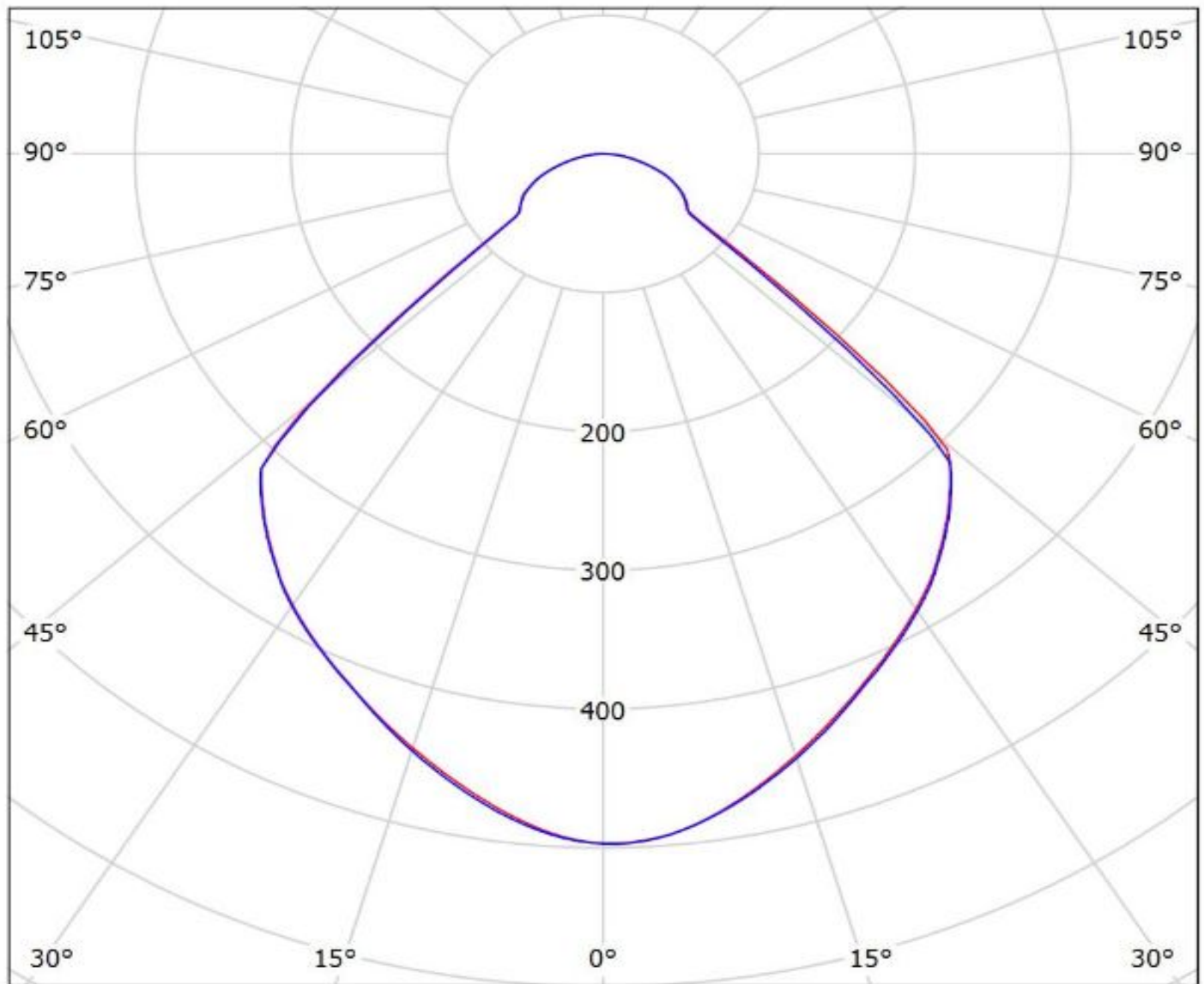
Luminaire: Ledil Oy FCN14647_ANGELINA-XW+_B+W_434_TypL1_BRIDGELUX_V10_Gen7_SIMULATED
Lamps: 1 x BRIDGELUX V10 Gen7



Luminaire: Ledil FCN14647_ANGELINA-XW_(CLU700)_(434_Typ_L1) Citizen_CLU700_(CLU700-1002B8-273M2G1)_390.128lm@100mA_P=3W_I=0.10A
Lamps: 1 x Citizen_CLU700_(CLU700-1002B8-273M2G1)_388.036lm@100mA_P=3W_I=0.10A



Luminaire: Ledil FCN14647_ANGELINA-XW_(CLU024)_(433_Typ_L1) Citizen_CLU024_(433_Typ_L1)_
(C13658_CLAMP-VERO13-18)_1071.07lm@250mA_P=8.43W_I=0.25A
Lamps: 1 x Citizen_CLU024_(433_Typ_L1)_ (C13658_CLAMP-VERO13-18)
_1071.07lm@250mA_P=8.43W_I=0.25A



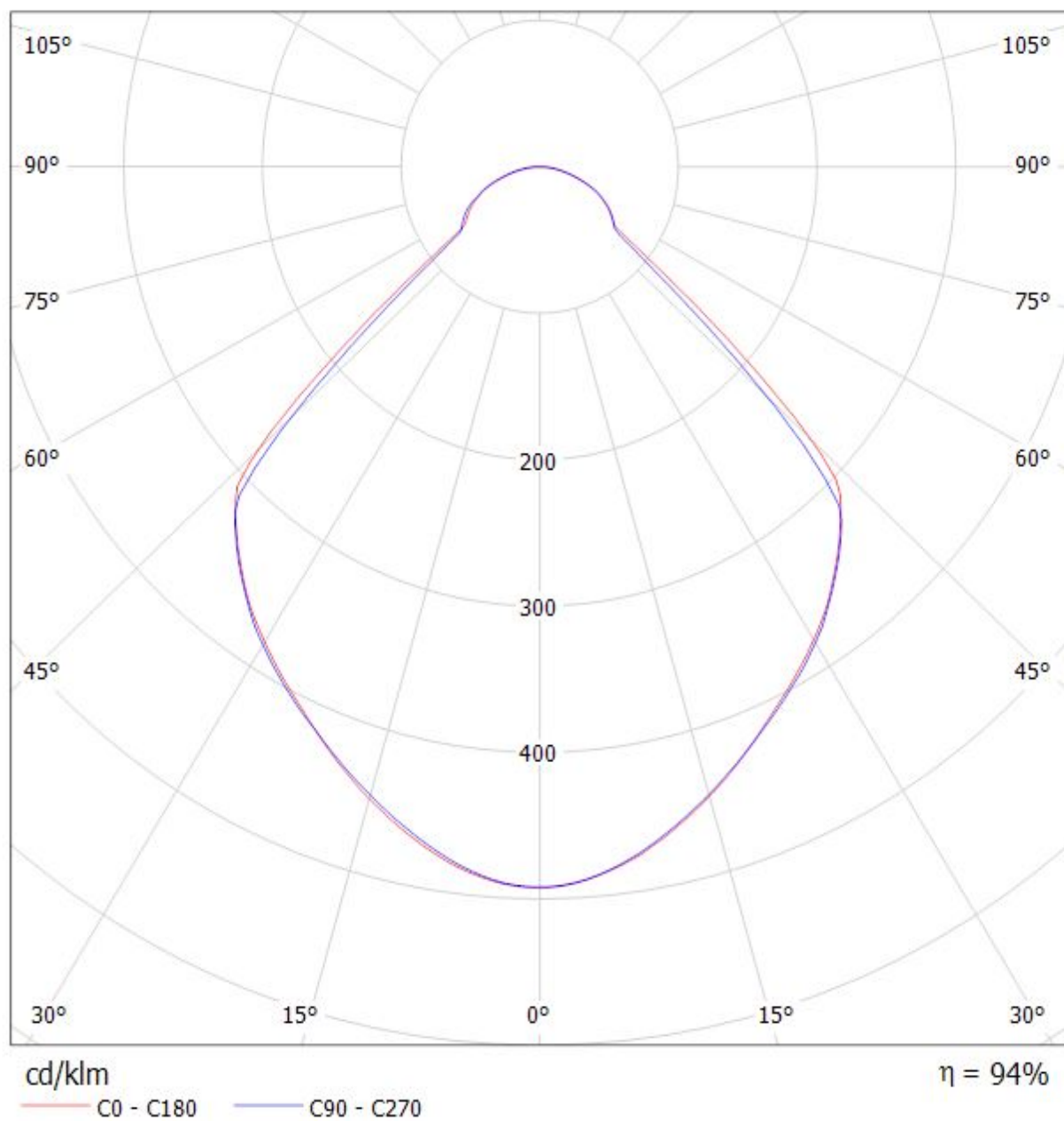
cd/klm

— C0 - C180 — C90 - C270

$\eta = 95\%$

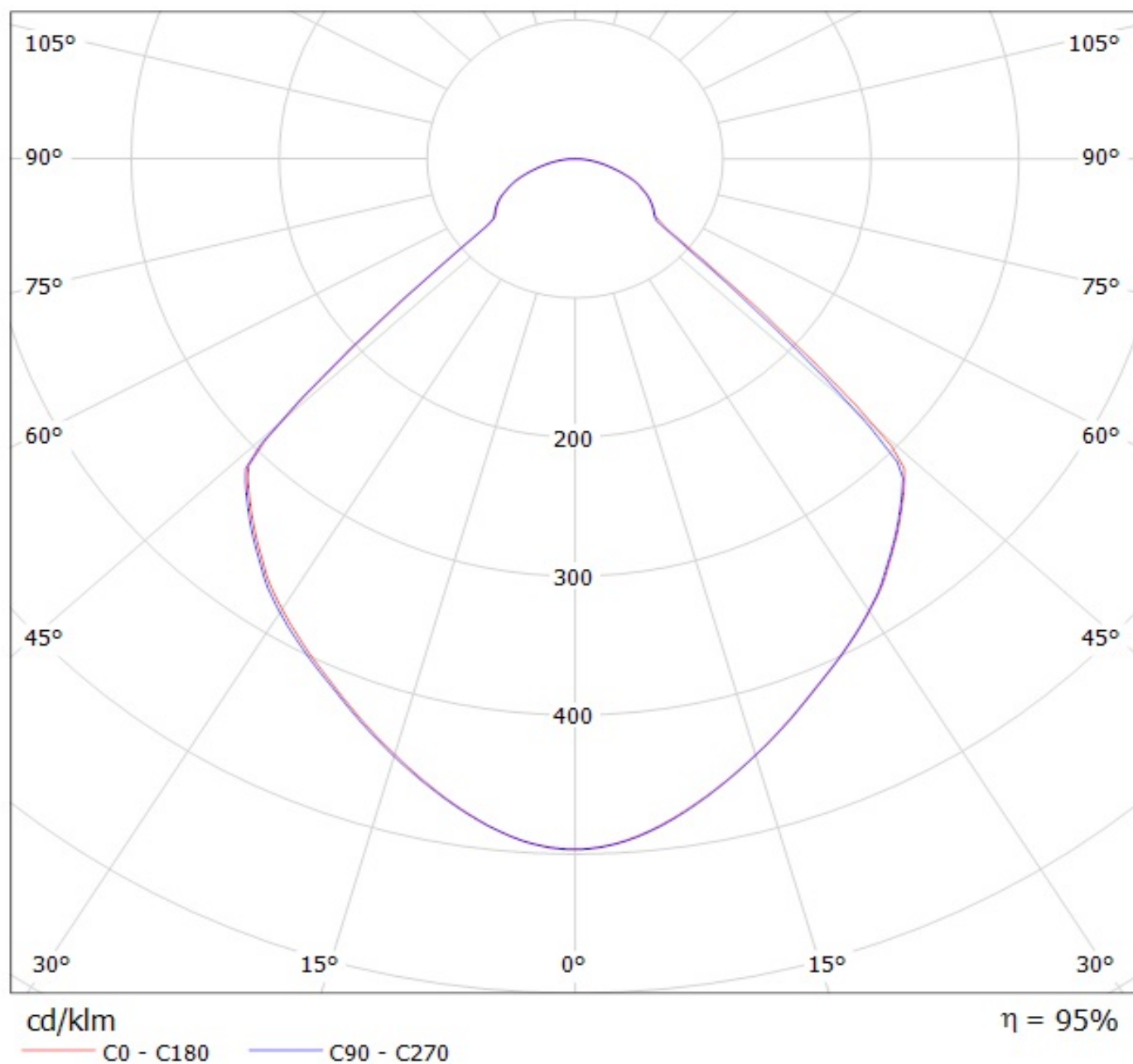
Luminaire: Ledil FCN14647_ANGELINA-XW_(CXA1850)

Lamps: 1 x CREE_CXA1850_(CXA1850-30F-T4-N0Y-00001)_831.914lm@250mA_CCT=3000K_P=8.27W_I=0.25A

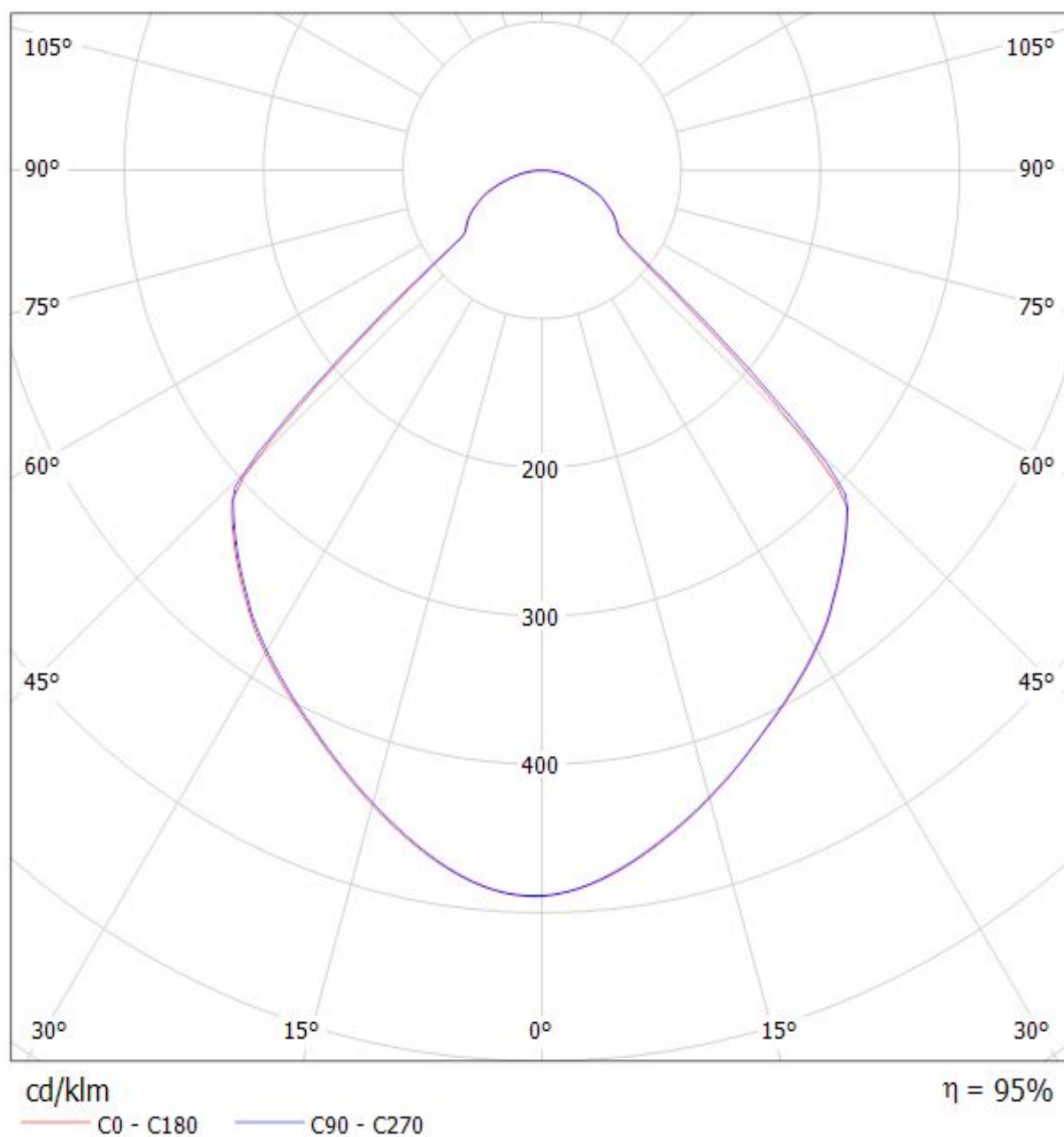


Luminaire: LEDiL Oy FCN14647_ANGELINA-XW_(CXA1520)_(441_Typ_L1)

Lamps: 1 x Cree_CXA1520_(CXA1520-30F-N4-N0H-00001)_993.209lm@250mA_P=8.74575W_I=0.2499A

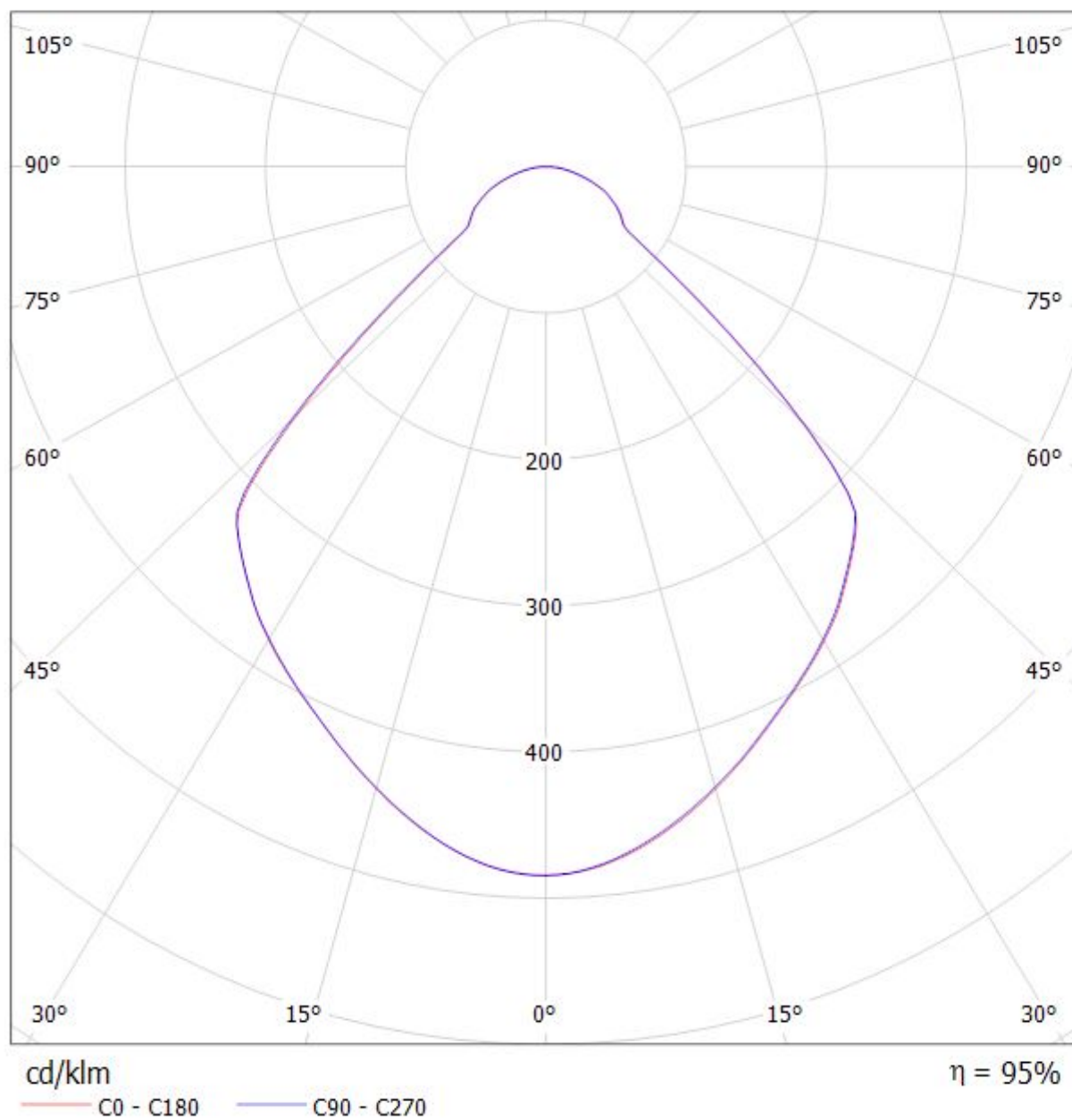


Luminaire: LEDiL Oy FCN14647_ANGELINA-XW_(LUXEON_CoB_1203)_ (438_Typ_L1)_(C13658_CLAMP-VERO13-18)
Lamps: 1 x LUXEON_CoB_1203_(438_Typ_L1)_(C13658_CLAMP-VERO13-18)_984.561lm@250mA_P=8.6828W_I=0.25A



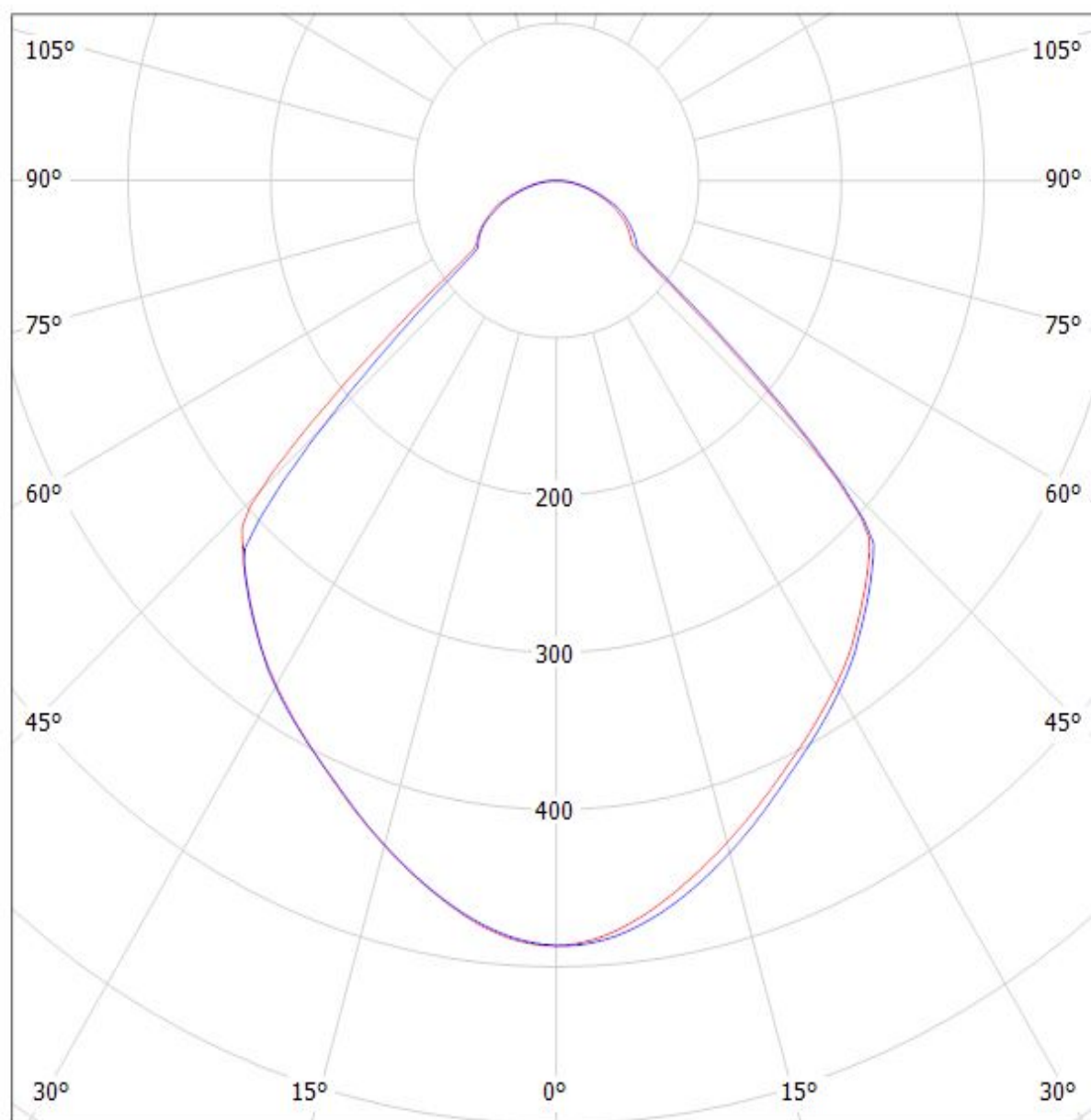
Luminaire: LEDiL Oy FCN14647_ANGELINA-XW_(NFDxJ130B)

Lamps: 1 x Nichia_NFDxJ130B_(463 Typ L2)_C13658_CLAMP-VERO13-18_1458.51lm@250mA_P=8.87739W_I=0.2498A



Luminaire: LEDiL Oy FCN14647_ANGELINA-XW_(NFCxL060B)_(438_Typ_L1)

Lamps: 1 x Nichia_NFCxL060B_(SM403G2450R8000)_(C13658)_(438_Typ_L1)_1298.52@250mA_P=8.45498W_I=0.2498A



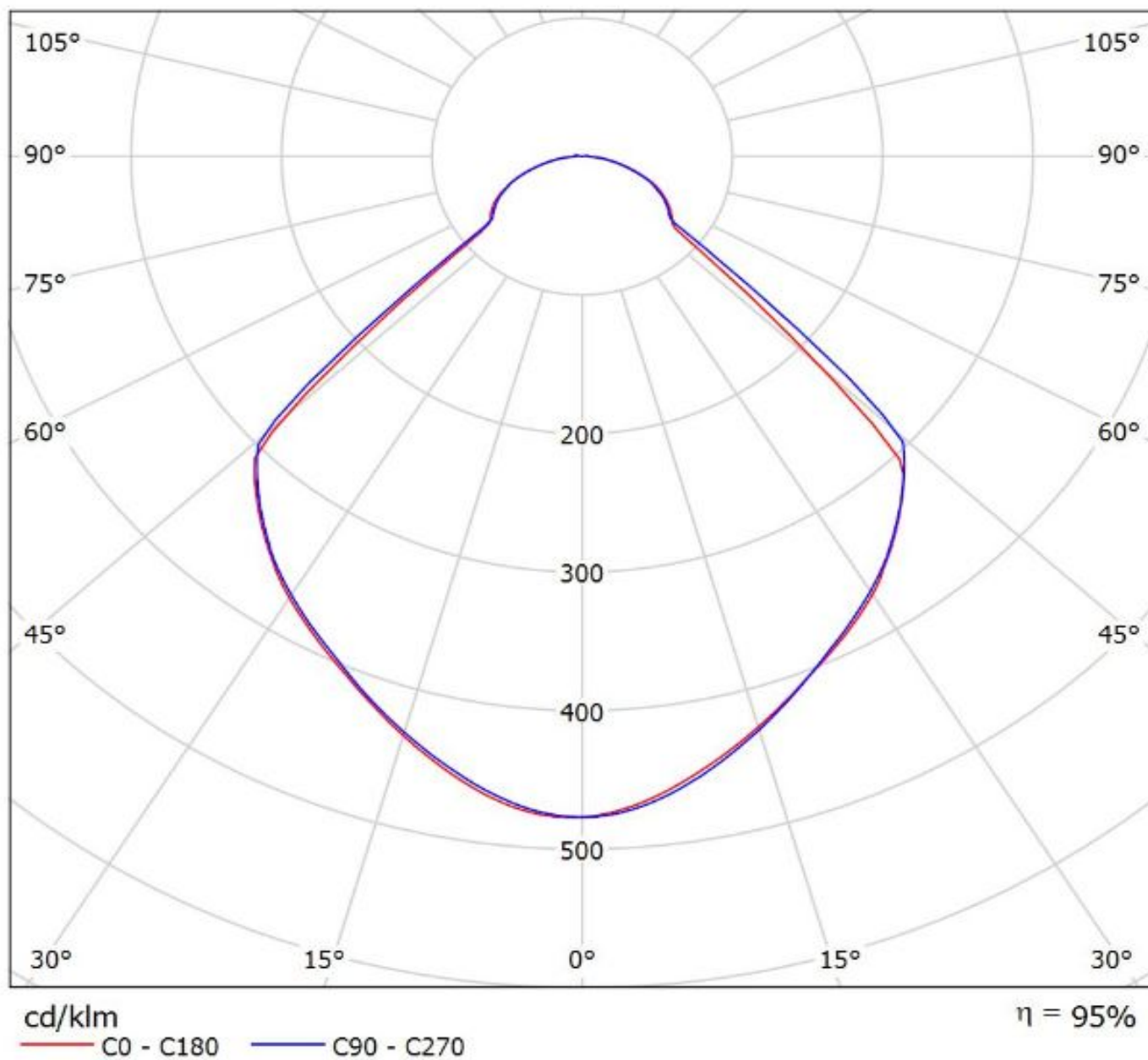
cd/klm

— C0 - C180 — C90 - C270

$\eta = 94\%$

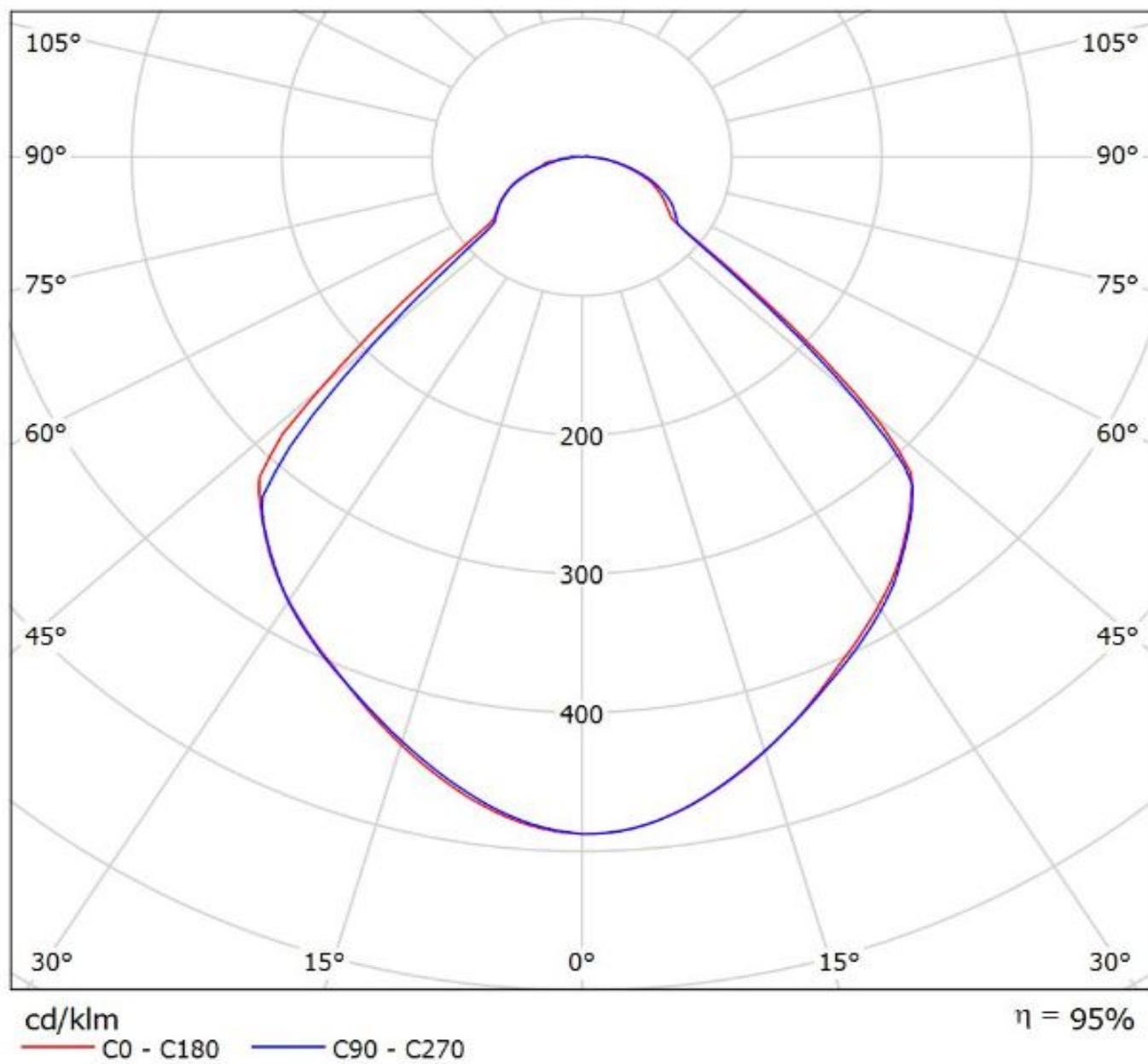
Luminaire: Ledil FCN14647_ANGELINA-XW_(Soleriq_P9)

Lamps: 1 x Osram_Soleriq_P9_(GW_MAFJB1.EM)_972.417lm@250mA_CCT=4299K_P=6.9W_I=0.25A



Luminaire: Ledil FCN14647_ANGELINA-XW_(Soleriq_P13)

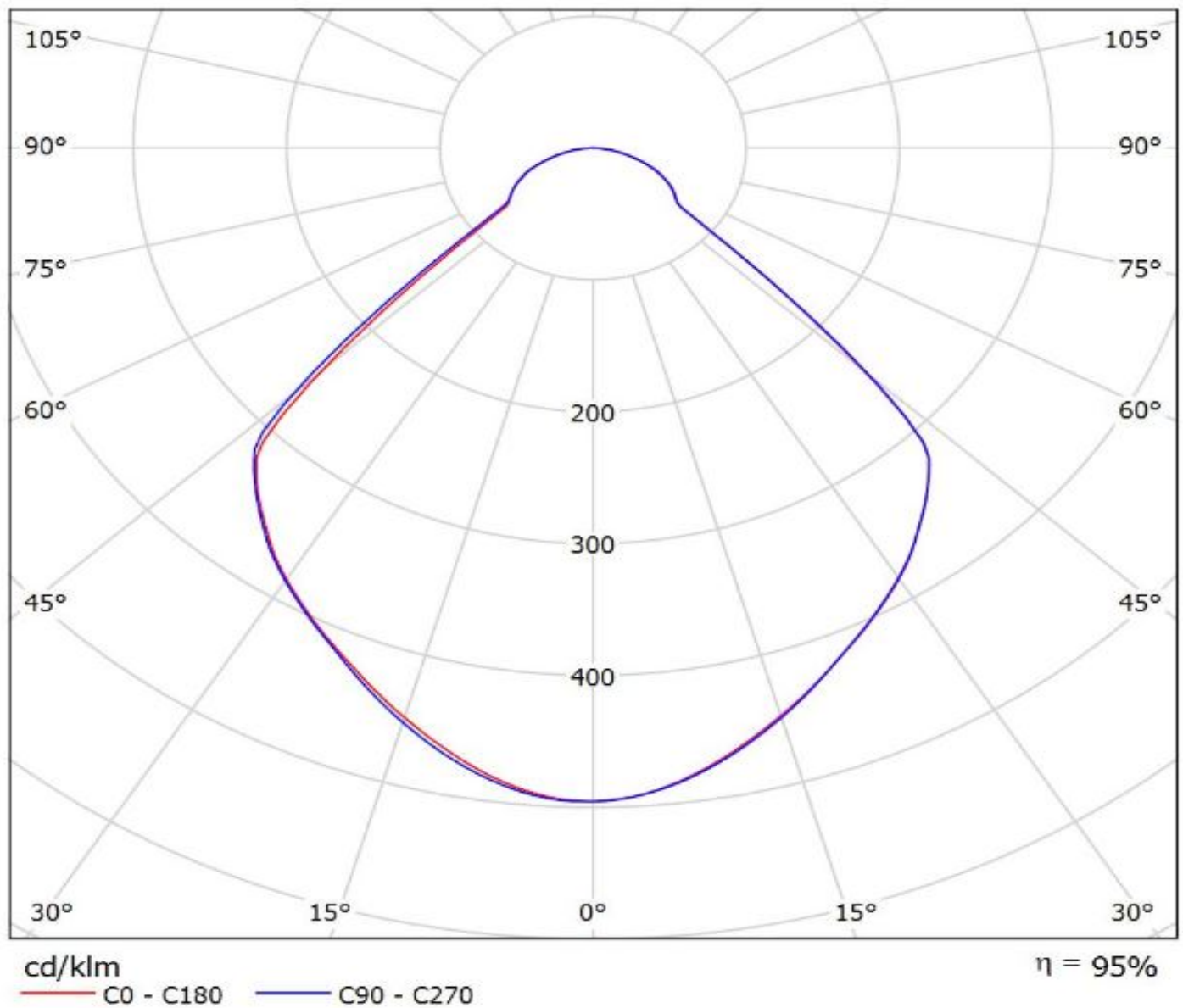
Lamps: 1 x Osman_Soleriq_P13_1009.11lm@250mA_P=6.9385W_I=0.25A



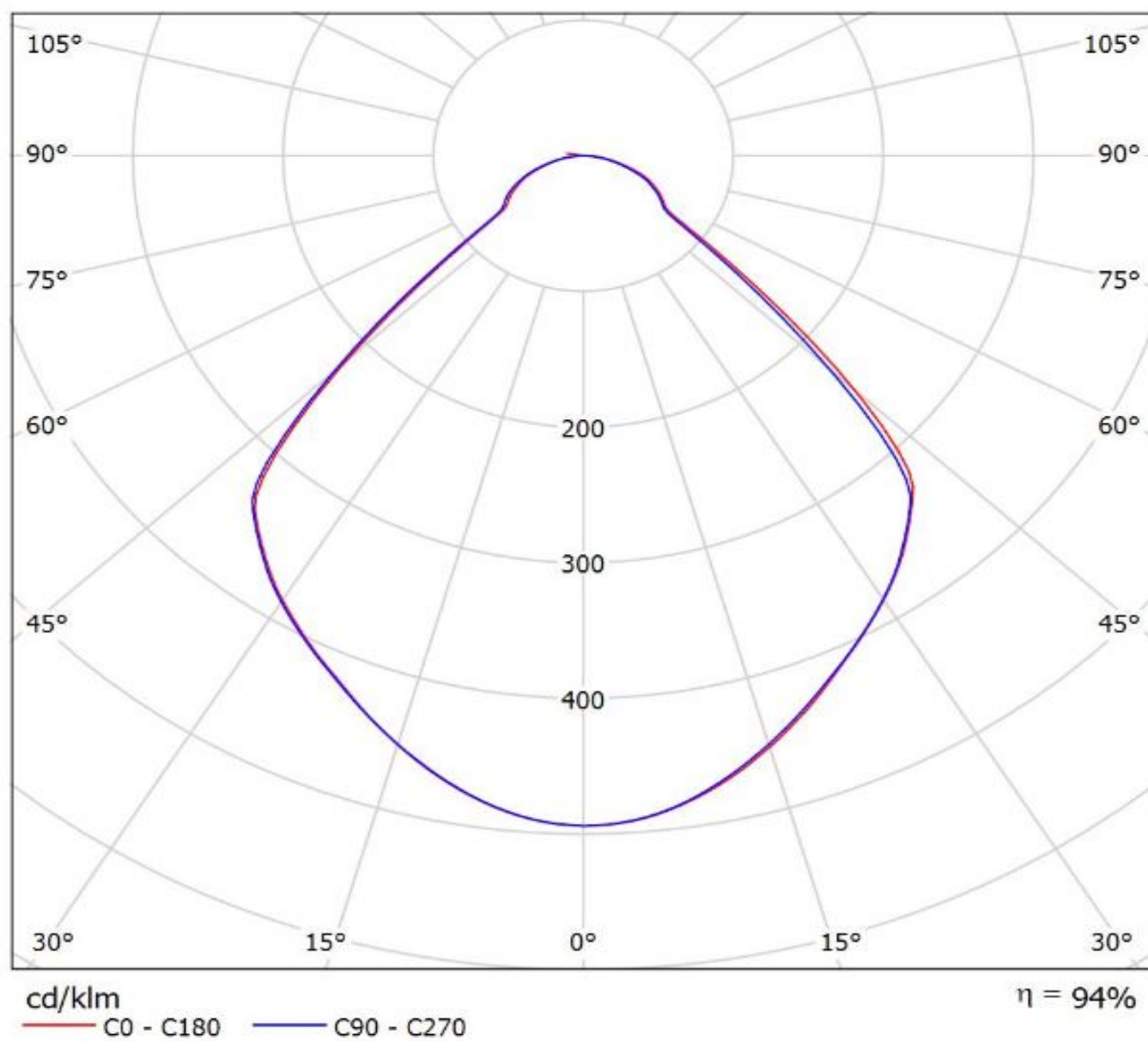
Ledil FCN14647_ANGELINA-XW_(Soleriq_S13) / LDC (Polar)

Luminaire: Ledil FCN14647_ANGELINA-XW_(Soleriq_S13)

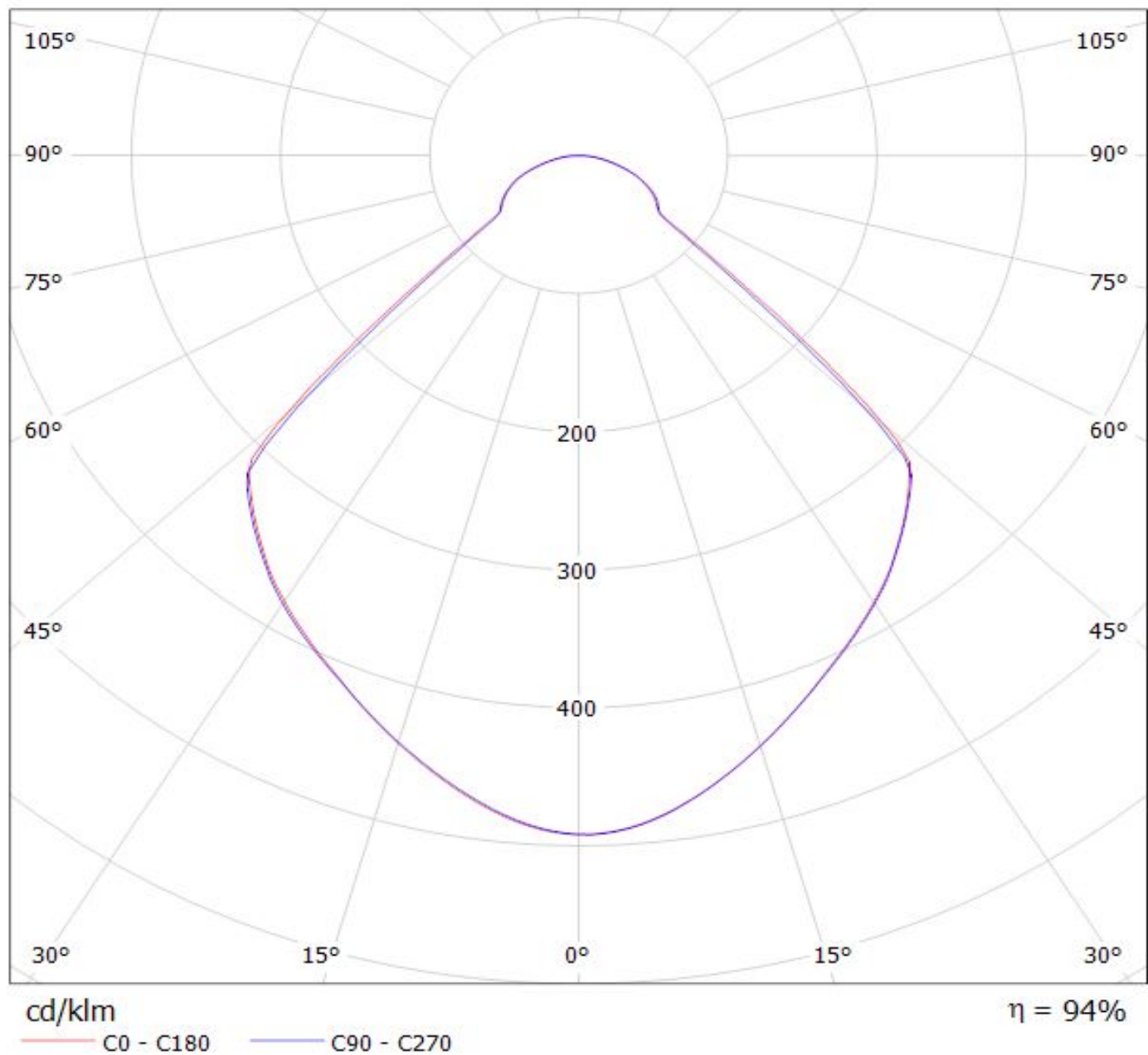
Lamps: 1 x Osram_Soleriq_S13_(GW_KAGHB1.EM)_896.727lm@250mA_P=7.44679W_I=250mA



Luminaire: Ledil FCN14647_ANGELINA-XW_(LC040B)_(450_Typ_L2)_(C13658_CLAMP-VERO13-18)
Lamps: 1 x Samsung_LC040B_CCT=3000K_(SPHWW1HDNE25010101)_(450_Typ_L2)_(C13658_CLAMP-VERO13-18)_1103.62lm@250mA_P=8.2W_I=0.25A



Luminaire: LEDiL Oy FCN14647_ANGELINA-XW_(SLE-G5_LES-11)
Lamps: 1 x Tridonic_SLE-G5_LES-11_1137.55lm@250mA_P=8.4177W_I=0.250A



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.