

DETAILS

Product Number	F15860_LINNEA-Z2T25
Family	Linnea
Type	Lens
Color	clear
Diameter	285x40 mm
Height	10,3 mm
Style	rectang
Optic Material	PC
Holder Material	
Fastening	clips
Status	production ready
ROHS Compliant	Yes
Date Updated	25/01/2018



OPTICAL PROPERTIES

LED	Viewing	Light	Effi-	cd/lm	Connector
	Angle	Beam	ciency		
Tridino 1ft 1100lm xxxHE 1R HV	Asymmetric deg	Asymmetric	88 %	0.520	-
XP-E	Asymmetric deg	Asymmetric	86 %	0.520	-
NF2x757G	sim: Asymmetric	Asymmetric	sim: 87 %	sim: 0.540	-
NFSx757G	Asymmetric deg	Asymmetric	85 %	0.480	-
PrevaLED Linear Slim 3 (1100lm)	Asymmetric deg	Asymmetric	86 %	0.510	-
PrevaLED Linear Slim 3 (2000lm)	Asymmetric deg	Asymmetric	86 %	0.500	-
Duris S5 (2 chip)	Asymmetric deg	Asymmetric	87 %	0.510	-
Duris S5 (Single chip)	Asymmetric deg	Asymmetric	89 %	0.530	-
Fortimo LED Strip 1ft 1100lm FC HV4 & L	Asymmetric deg	Asymmetric	87 %	0.500	-
Fortimo LED Strip 1ft 650lm FC HV4 & L	Asymmetric deg	Asymmetric	87 %	0.500	-
LM561B Plus	Asymmetric deg	Asymmetric	87 %	0.480	-
LT-V282E	Asymmetric deg	Asymmetric	88 %	0.540	-
LT-V562E	Asymmetric deg	Asymmetric	88 %	0.540	-
LT-H282C	Asymmetric deg	Asymmetric	87 %	0.530	-
LT-H562C	Asymmetric deg	Asymmetric	87 %	0.530	-
LT-S282H	Asymmetric deg	Asymmetric	87 %	0.540	-
LT-S562H	Asymmetric deg	Asymmetric	87 %	0.540	-
LT-Q282B	Asymmetric deg	Asymmetric	87 %	0.520	-
SEOUL 5630D	Asymmetric deg	Asymmetric	86 %	0.490	-
SunLike 3030	Asymmetric deg	Asymmetric	88 %	0.530	-
LLE G4 24x280mm 650lm	Asymmetric deg	Asymmetric	88 %	0.510	-
LLE G4 24x280mm 1250lm	Asymmetric deg	Asymmetric	87 %	0.520	-
LLE G4 24x280mm 2000lm ADV	sim: Asymmetric	Asymmetric	sim: 88 %	sim: 0.490	-
CALOSNU405-M7W1	Asymmetric deg	Asymmetric	86 %	0.500	-
CALOSNU410-M7W1	Asymmetric deg	Asymmetric	86 %	0.510	-



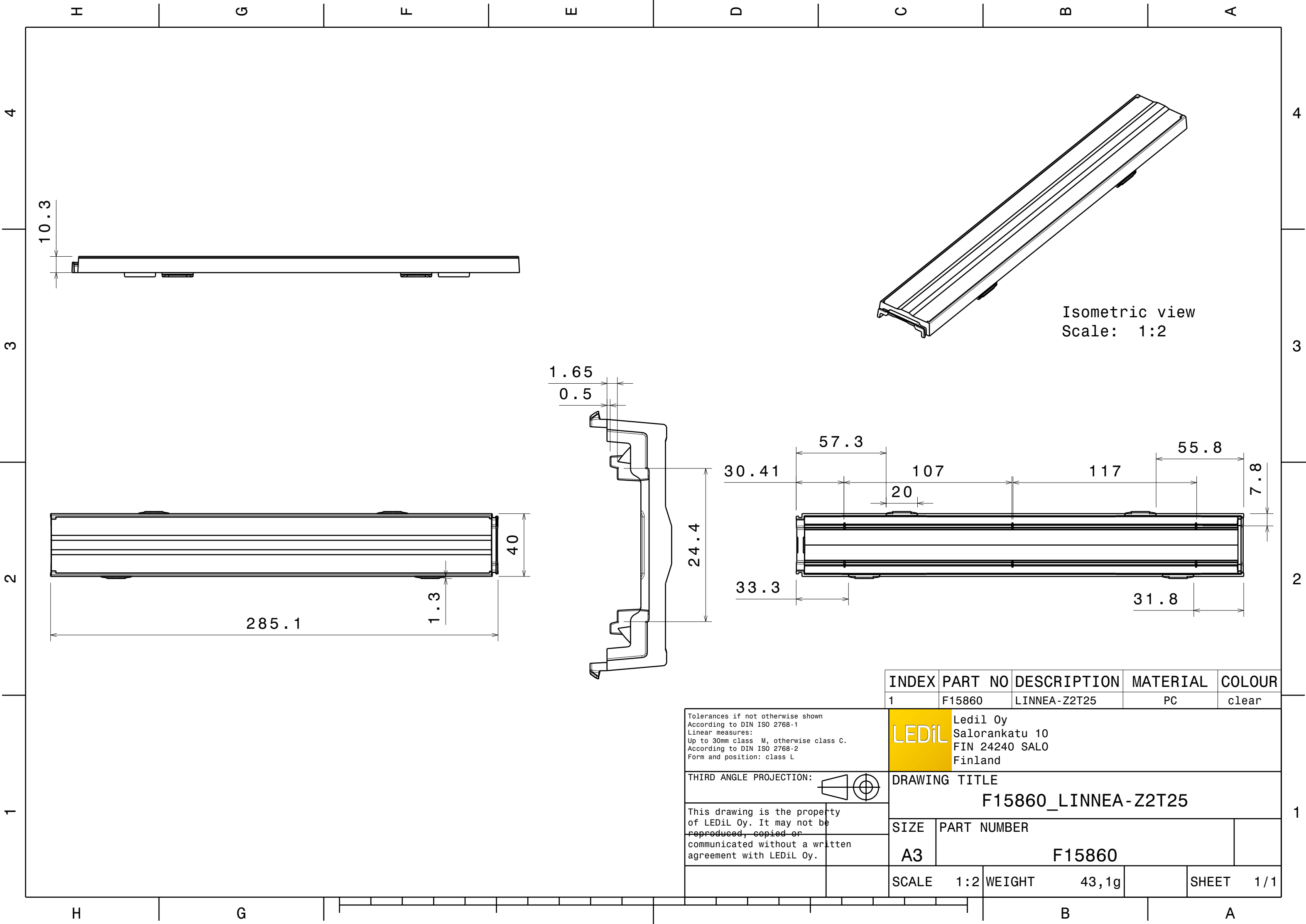
PRODUCT DATASHEET

Linnea series

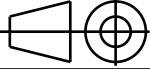
last update 25/1/2018

OPTICAL PROPERTIES

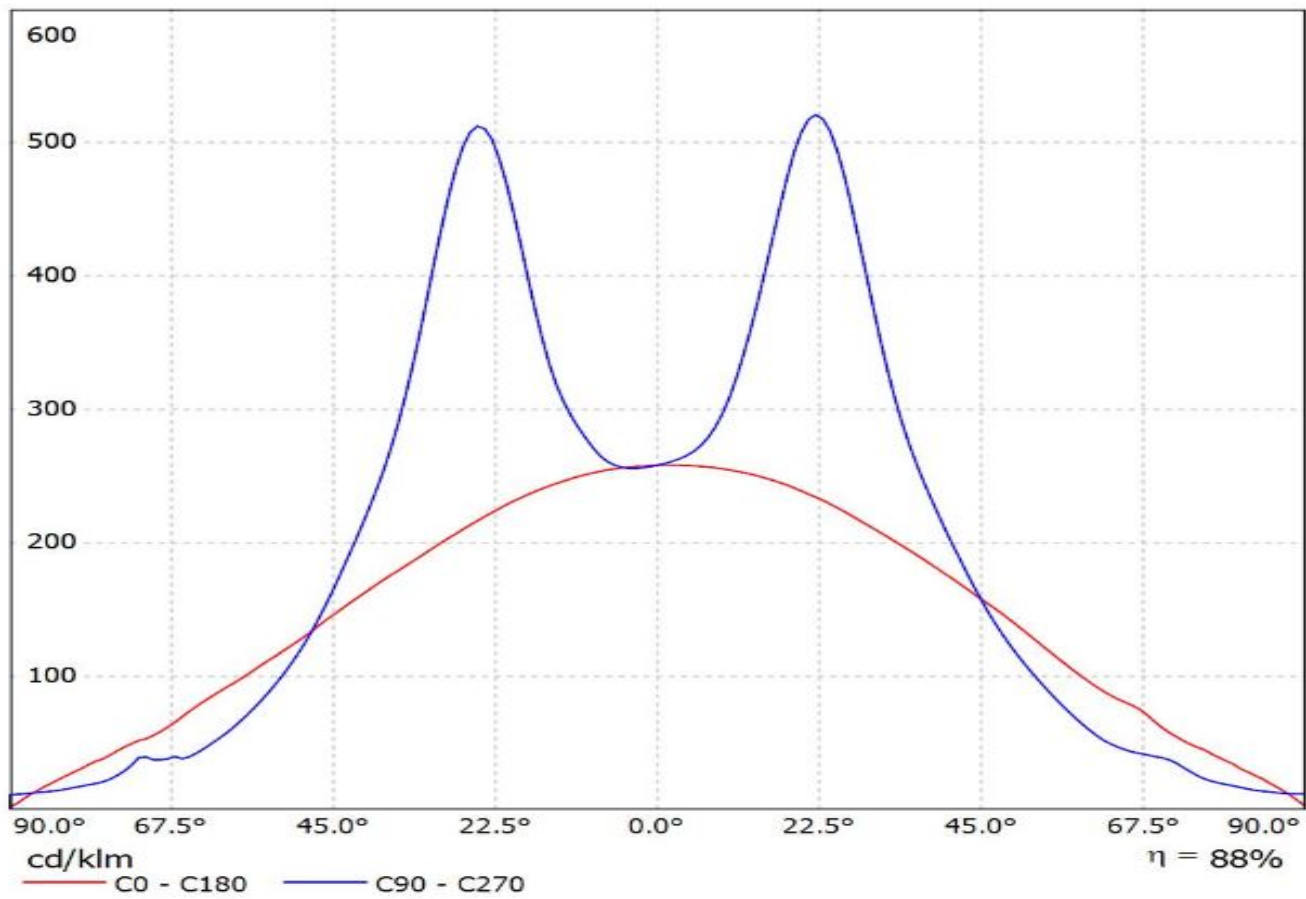
LED	Viewing Angle	Light Beam	Effi- ciency	cd/lm	Connector
-----	------------------	---------------	-----------------	-------	-----------



INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	F15860	LINNEA-Z2T25	PC	clear

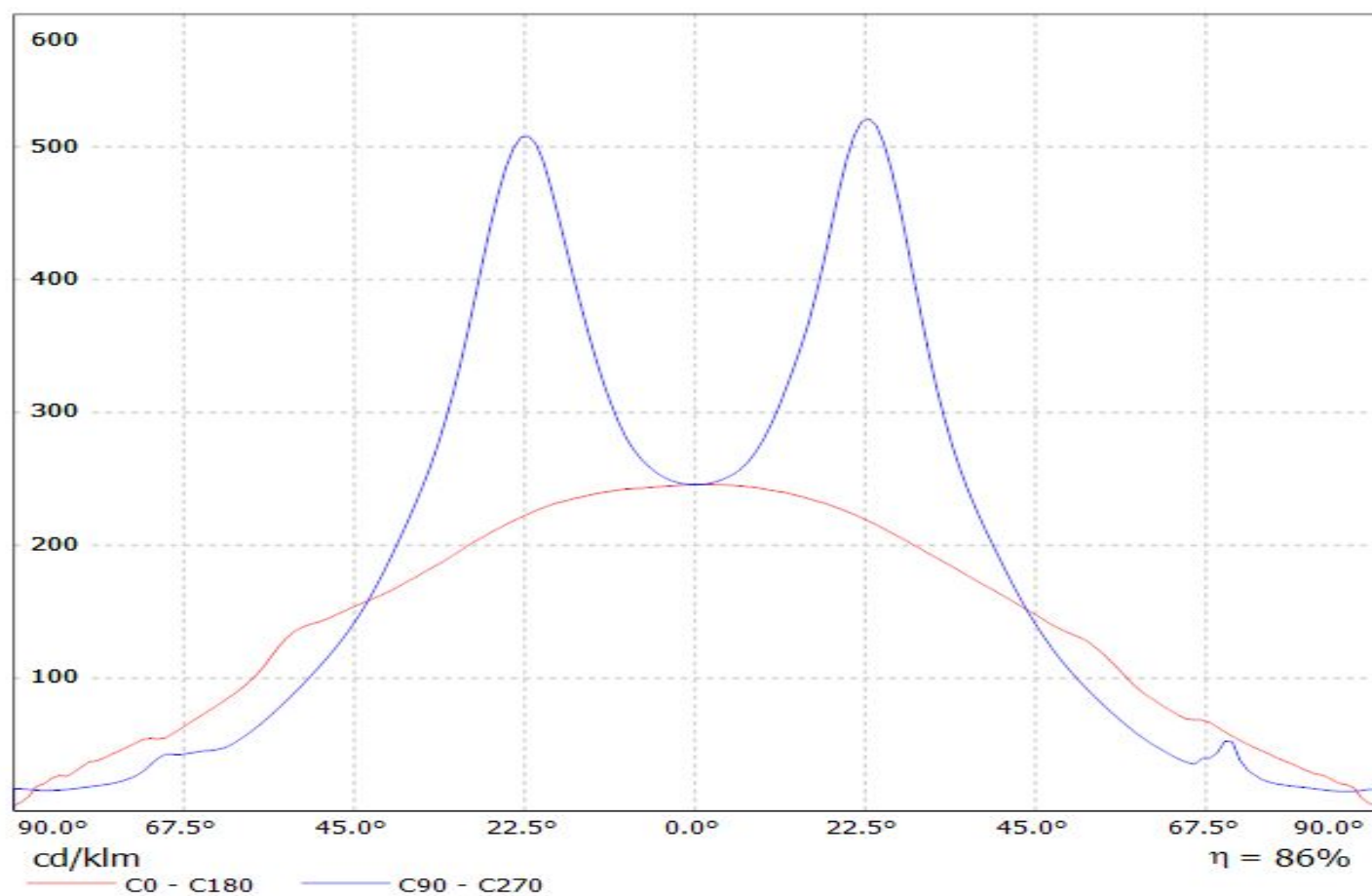
LEDiL Tolerances if not otherwise shown According to DIN ISO 2768-1 Linear measures: Up to 30mm class M, otherwise class C. According to DIN ISO 2768-2 Form and position: class L THIRD ANGLE PROJECTION:  This drawing is the property of LEDiL Oy. It may not be reproduced, copied or communicated without a written agreement with LEDiL Oy.	LediL Oy Salorankatu 10 FIN 24240 SALO Finland			
	DRAWING TITLE F15860_LINNEA-Z2T25			
	SIZE A3	PART NUMBER F15860		
	SCALE 1:2	WEIGHT 43,1g		SHEET 1/1

Luminaire: Ledil F15860_LINNEA-Z2T25_(Tridino_1ft_1100lm_840HE_1R_HV)
Lamps: 1 x Tridino_1ft_1100lm_840HE_1R_HV_(Edison2835HE)_1343.19lm@250mA_P=8.02229W_I=0.250A

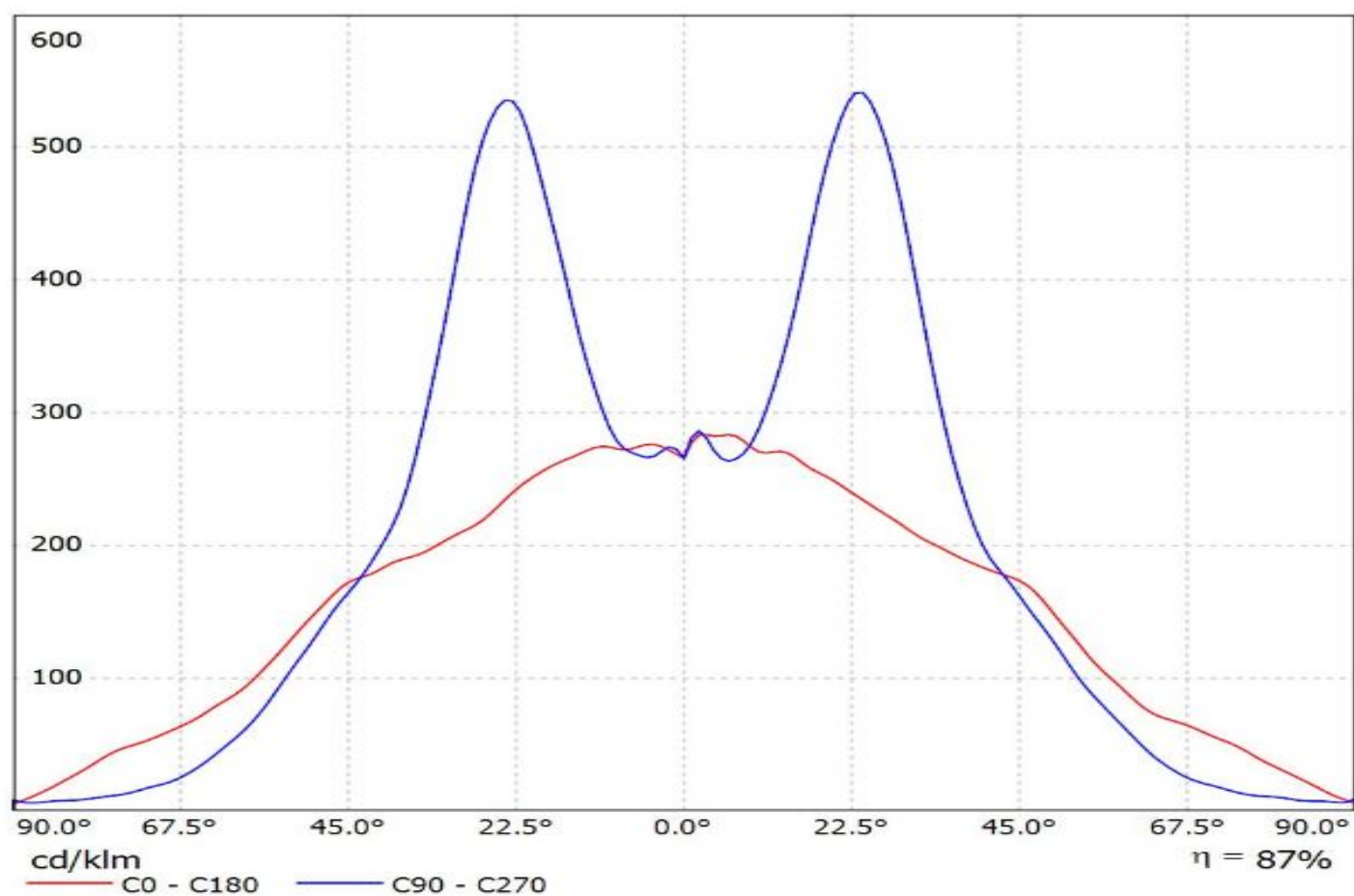


Luminaire: LEDiL Oy F15860_LINNEA-Z2T25_(XP-E)

Lamps: 1 x Cree_XP-E_x12_(XPEWHT-L1-3C0-Q5-0-00)_920.665lm@250mA_P=9.07548W_U=36.329V

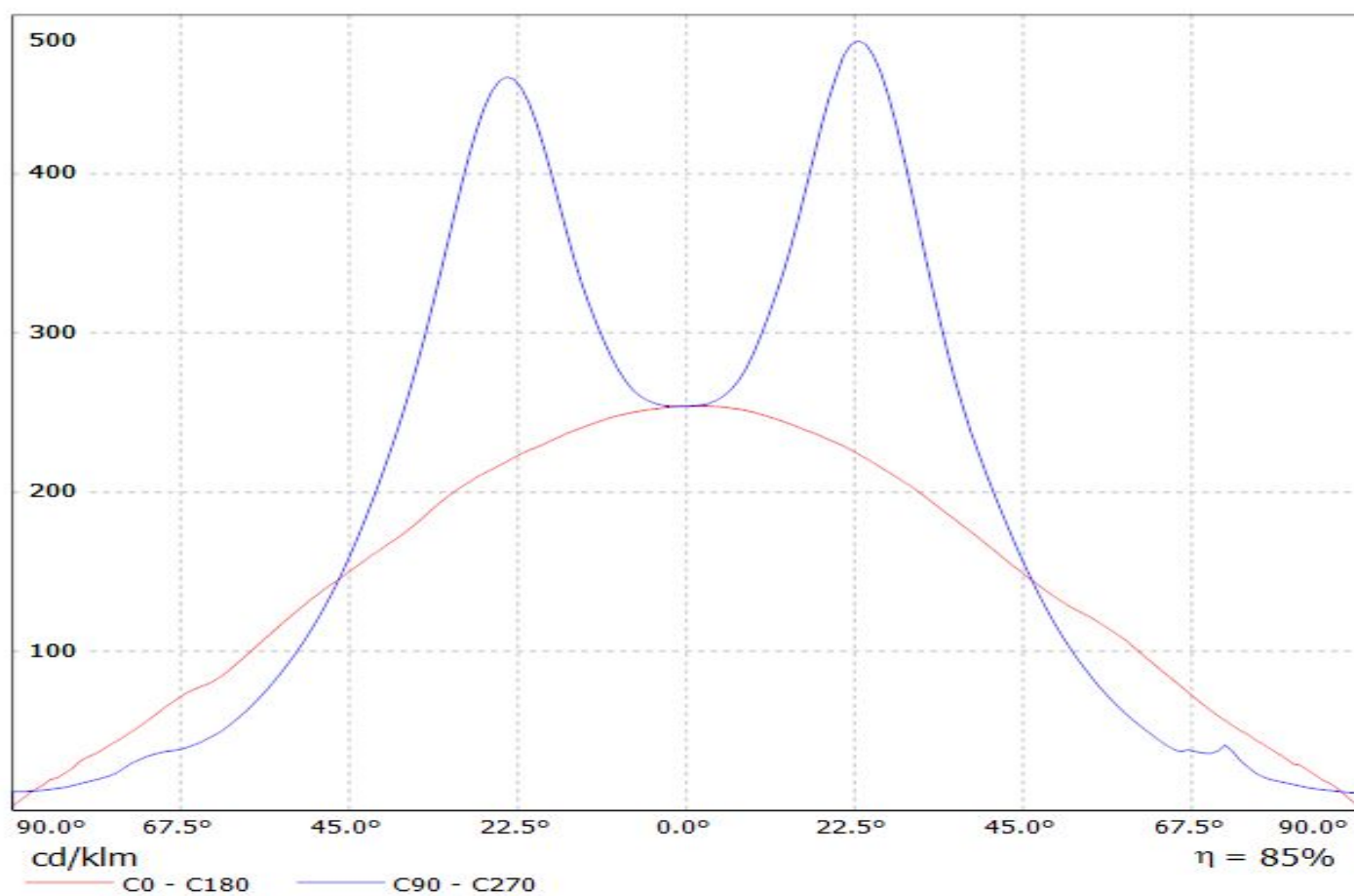


Luminaire: Ledil Oy F15860_LINNEA-Z2T25_(NF2W757GR-V1)_SIMULATED
Lamps: 1 x Nichia NF2W757GR-V1



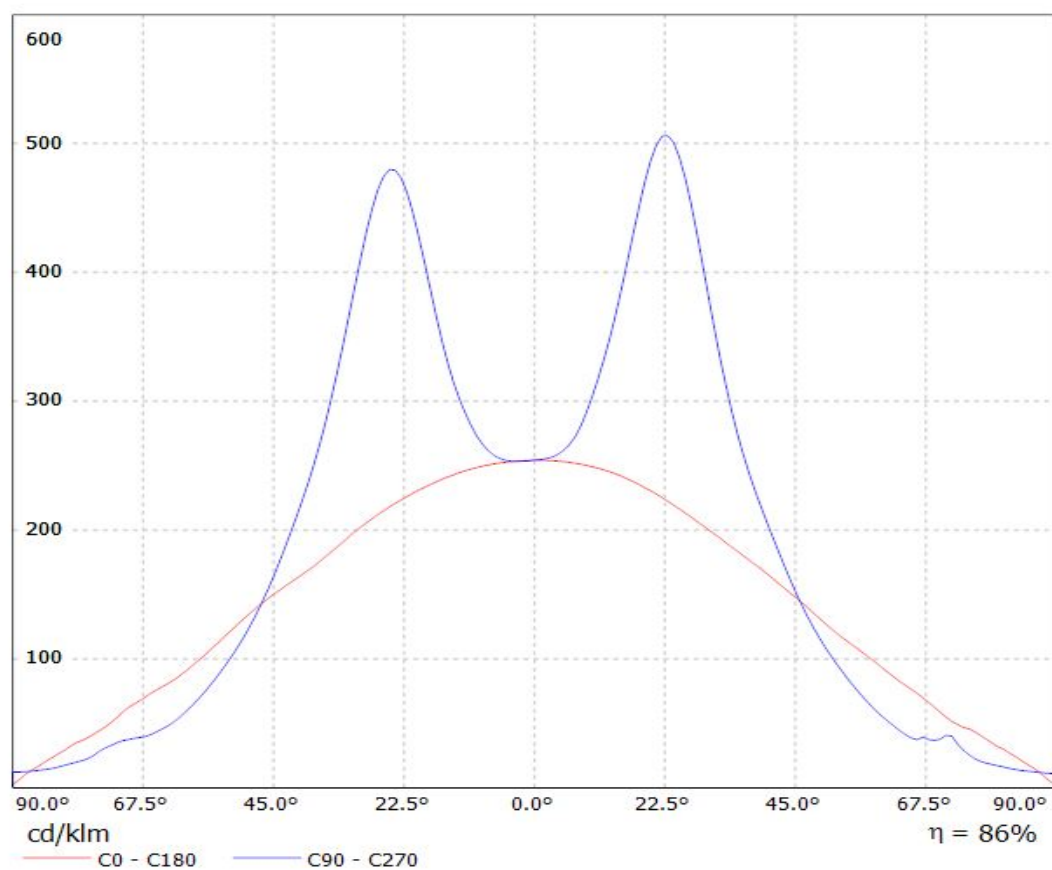
Luminaire: LEDiL Oy F15860 LINNEA-Z2T25_(NFSx757G)

Lamps: 1 x Nichia_NFSx757Gx12_389.068lm@65mA_P=2.23905W_U=34.391V

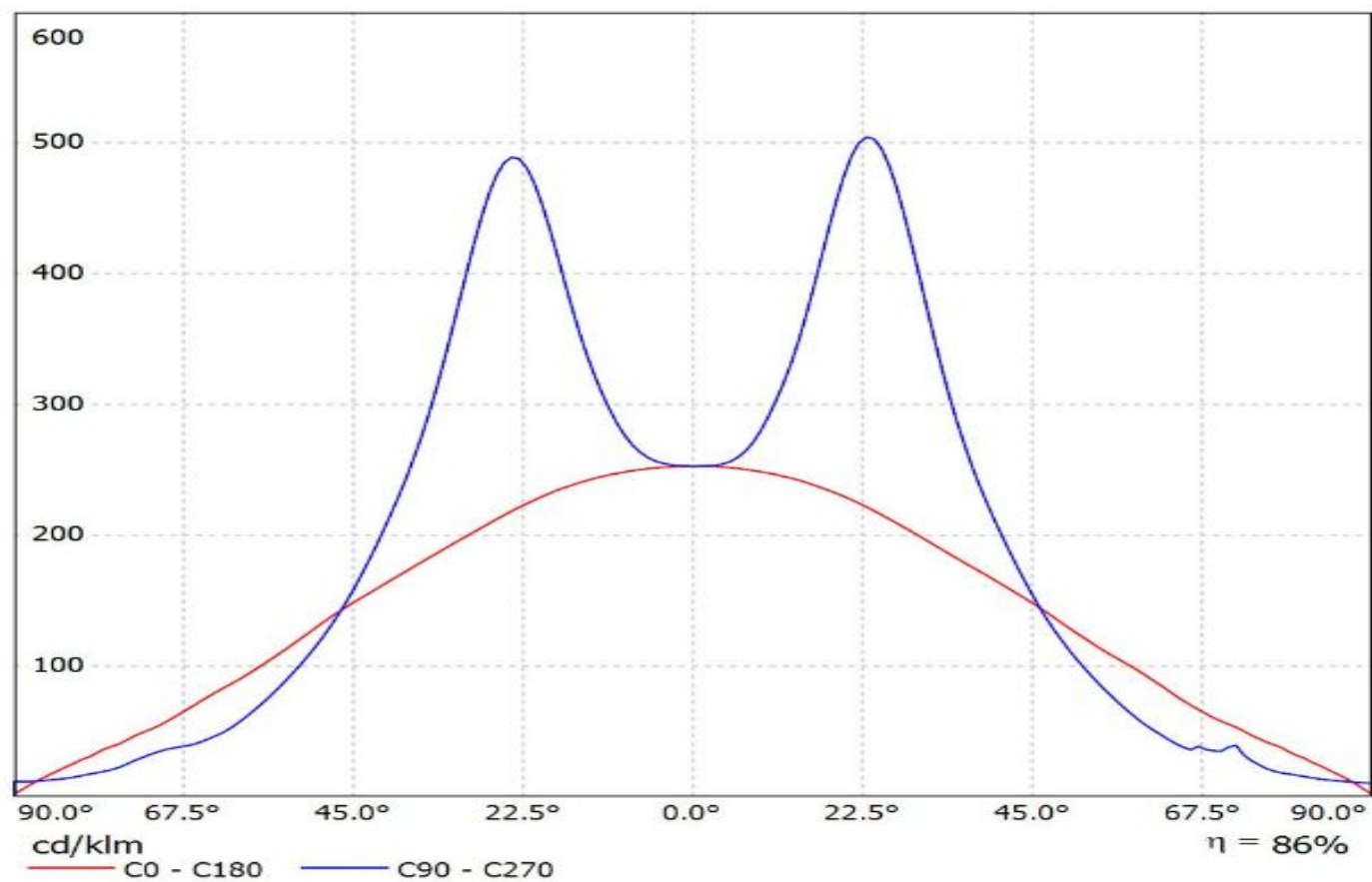


Luminaire: LEDiL Oy F15860_LINNEA-Z2T25_(Prevaled_Linear_Slim_1100lm)

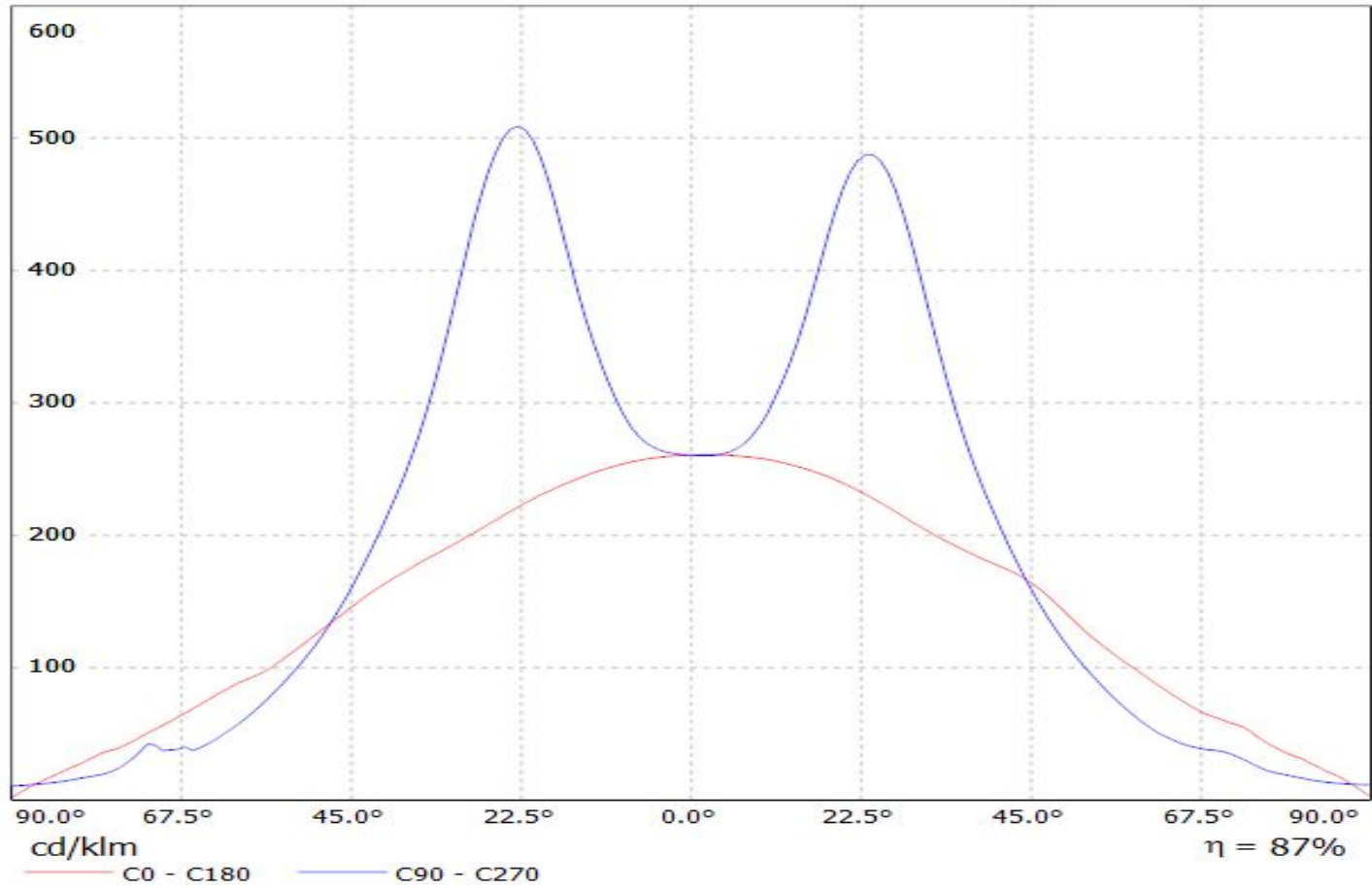
Lamps: 1 x Osram_Prevaled_Linear_Slim_1100lm_(PL-LIN_S-Z3_1100-830_280)_1027.96lm@170mA_CCT=3000K_P=6.43142W_I=0.250A



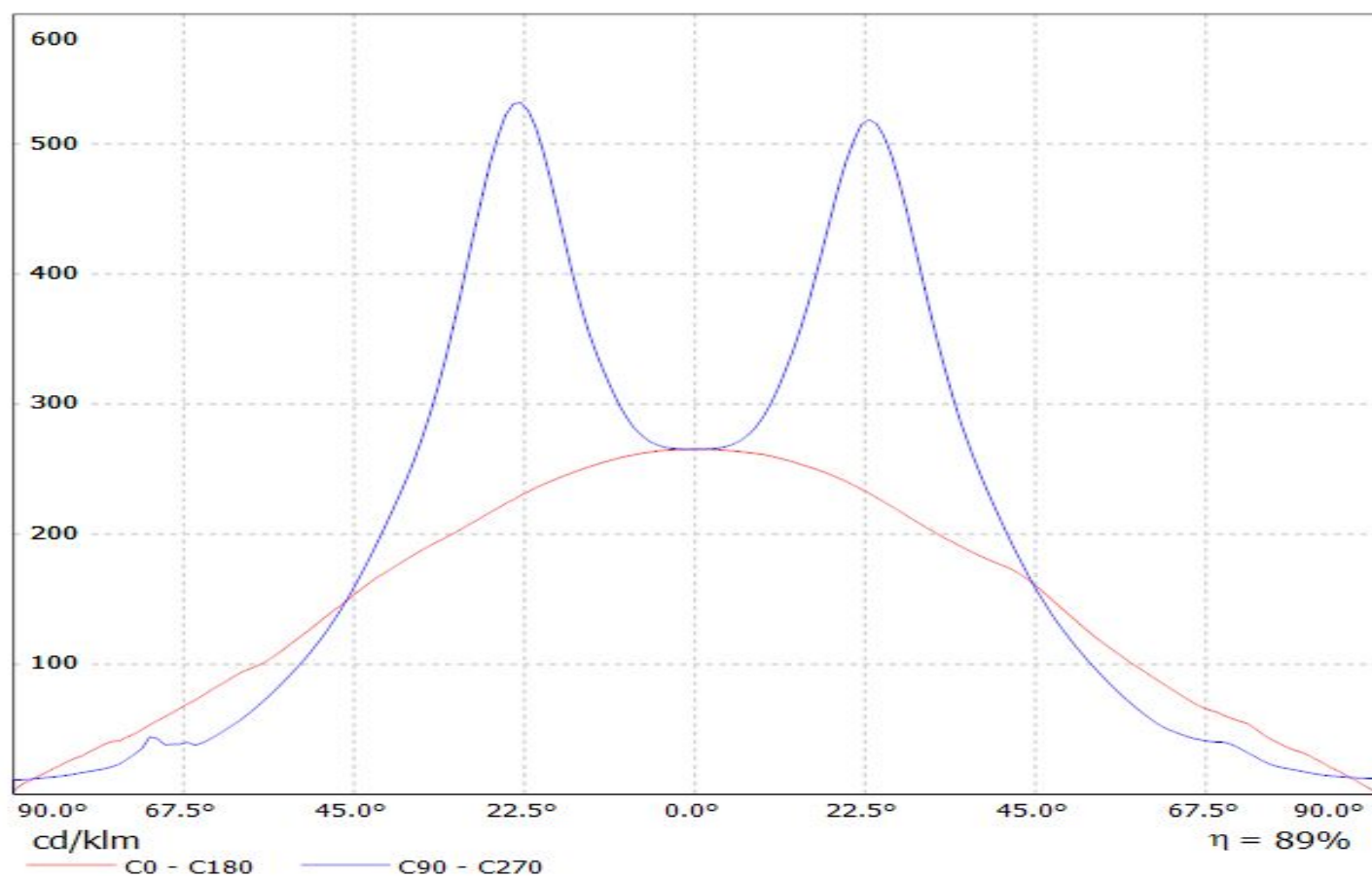
Luminaire: Ledil F15860 LINNEA-Z2T25_(Prevaled Linear Slim_3)
Lamps: 1 x Osram_Prevaled_Linear_Slim_3_(PL-LIN S-Z3-2000-840-280)
_1949.14lm@300mA_CCT=4000K_P=12.0015W_U=40.179V



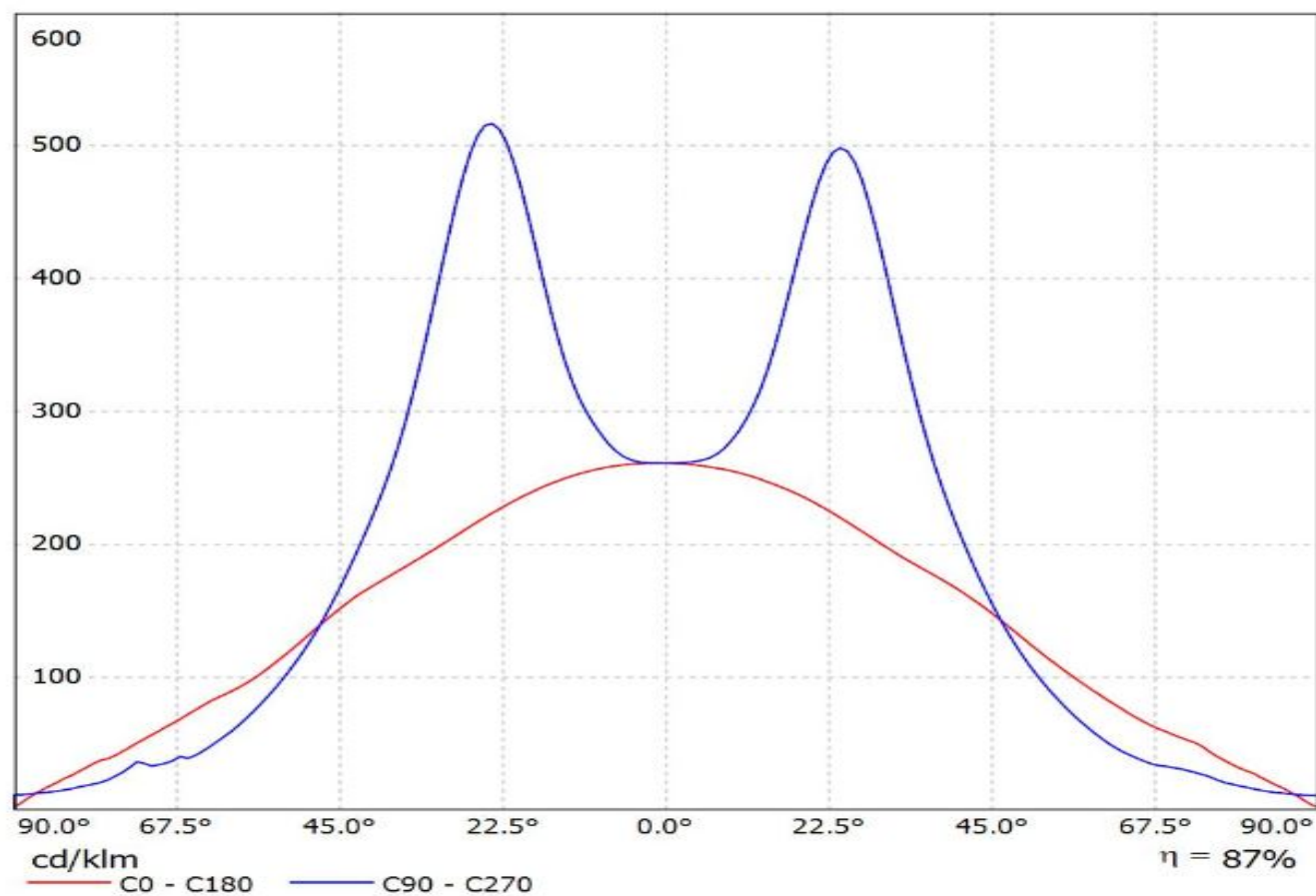
Luminaire: Ledil F15860_LINNEA-Z2T25_(Duris_S5)
Lamps: 1 x Osram_Duris_S5_1183.73lm@250mA_P=8.66003W_U=34.724V



Luminaire: LEDiL Oy F15860_LINNEA-Z2T25_(Duris_S5_1chip)
Lamps: 1 x Osram_Duris_S5_1chip_(GWPSLM31_EM-GUHQ-A535-1)
_359.255lm@65mA_P=2.13817W_U=33.253V

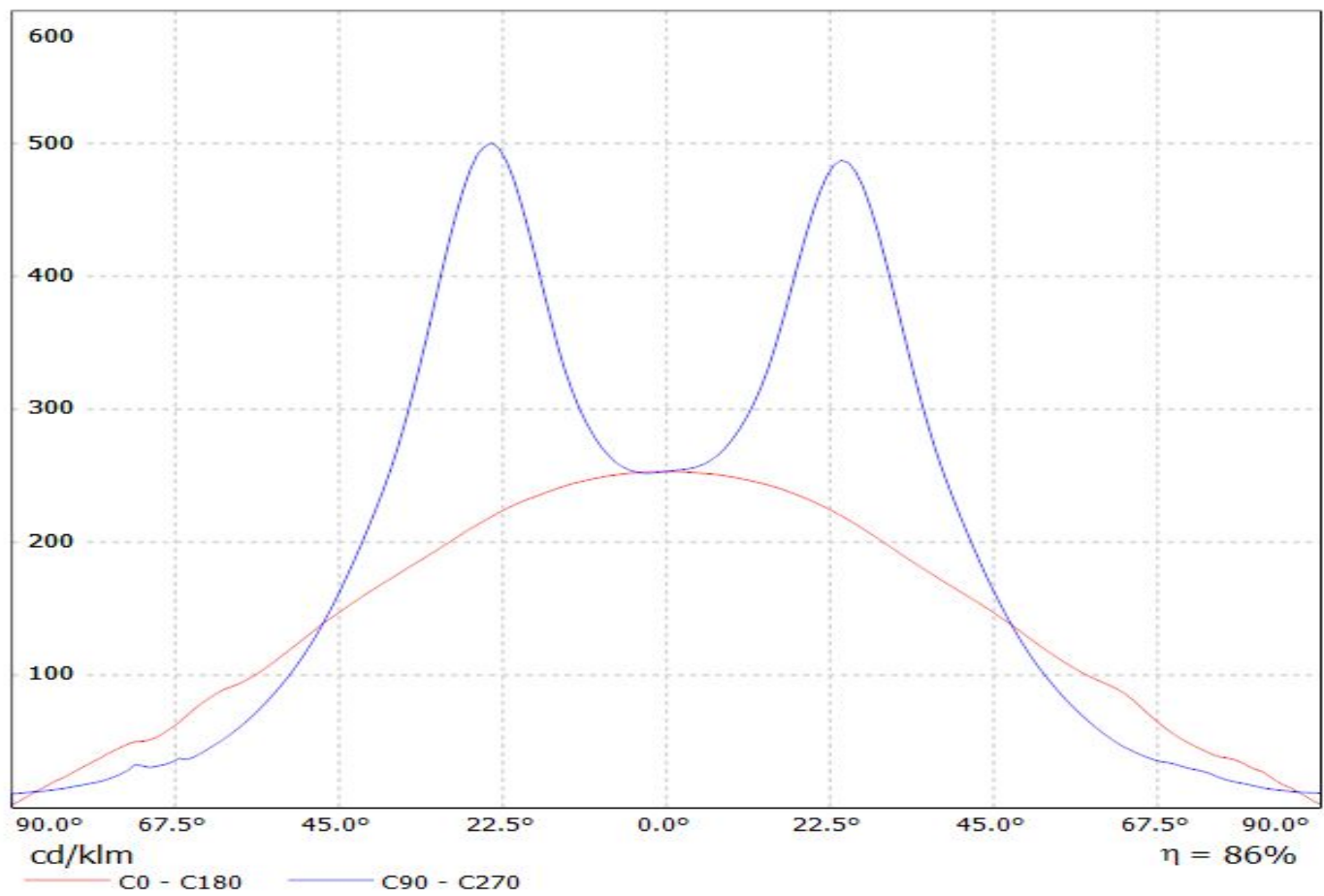


Luminaire: Ledil F15860_LINNEA-Z2T25_(Fortimo_LED_Strip_1ft_1100lm_FC_HV4)
Lamps: 1 x Philips_Fortimo_LED_Strip_1ft_1100lm_930_FC_HV4_735.772lm@250mA_P=5.6145W_U=22.496V

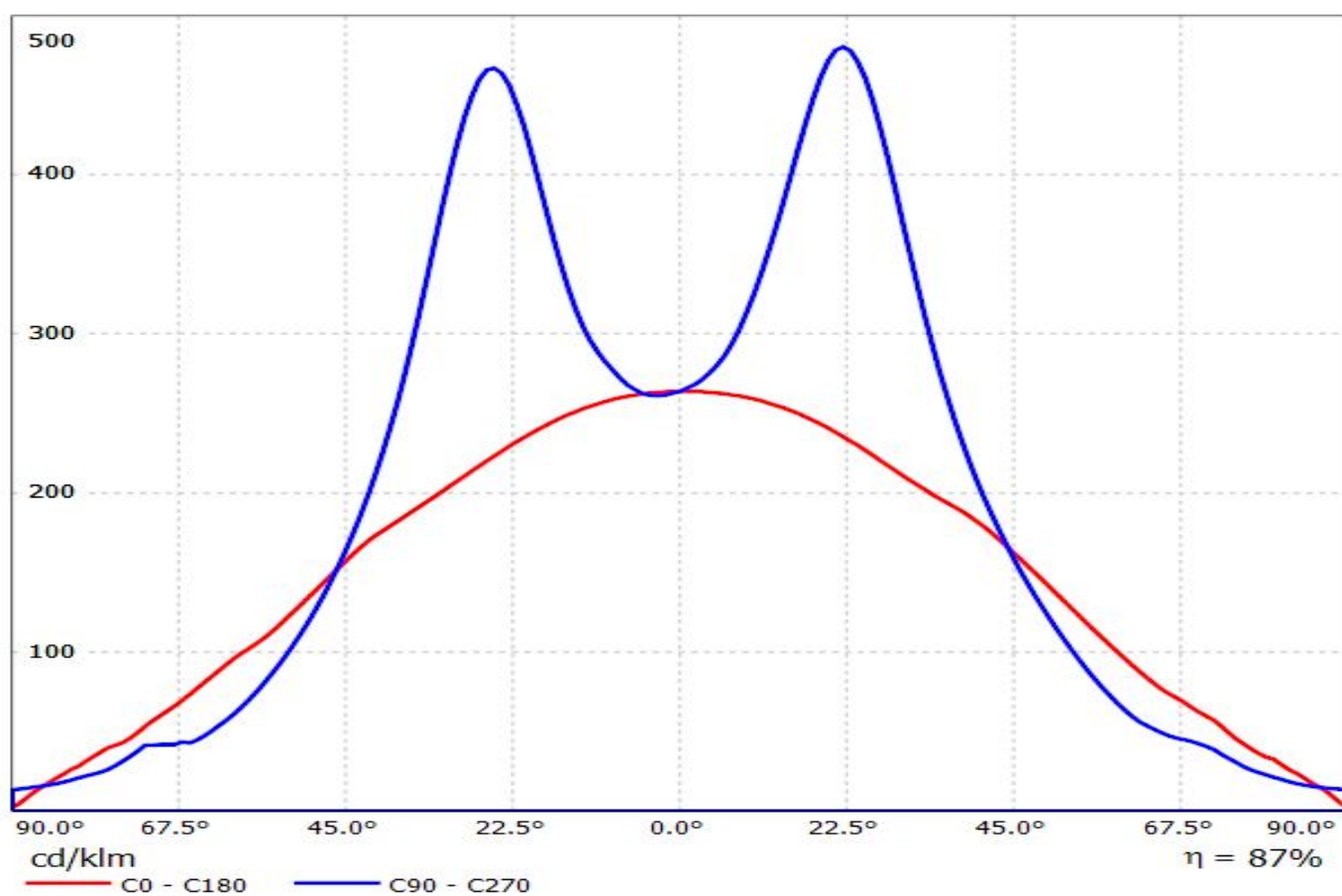


Luminaire: Ledil F15860_LINNEA-Z2T25_(Fortimo_LED_Strip_1ft_650lm_FC_LV4)

Lamps: 1 x Philips_Fortimo_LED_Strip_1ft_650lm_FC_LV4_994.849lm@190mA_P=6.82273W_U=35.990V

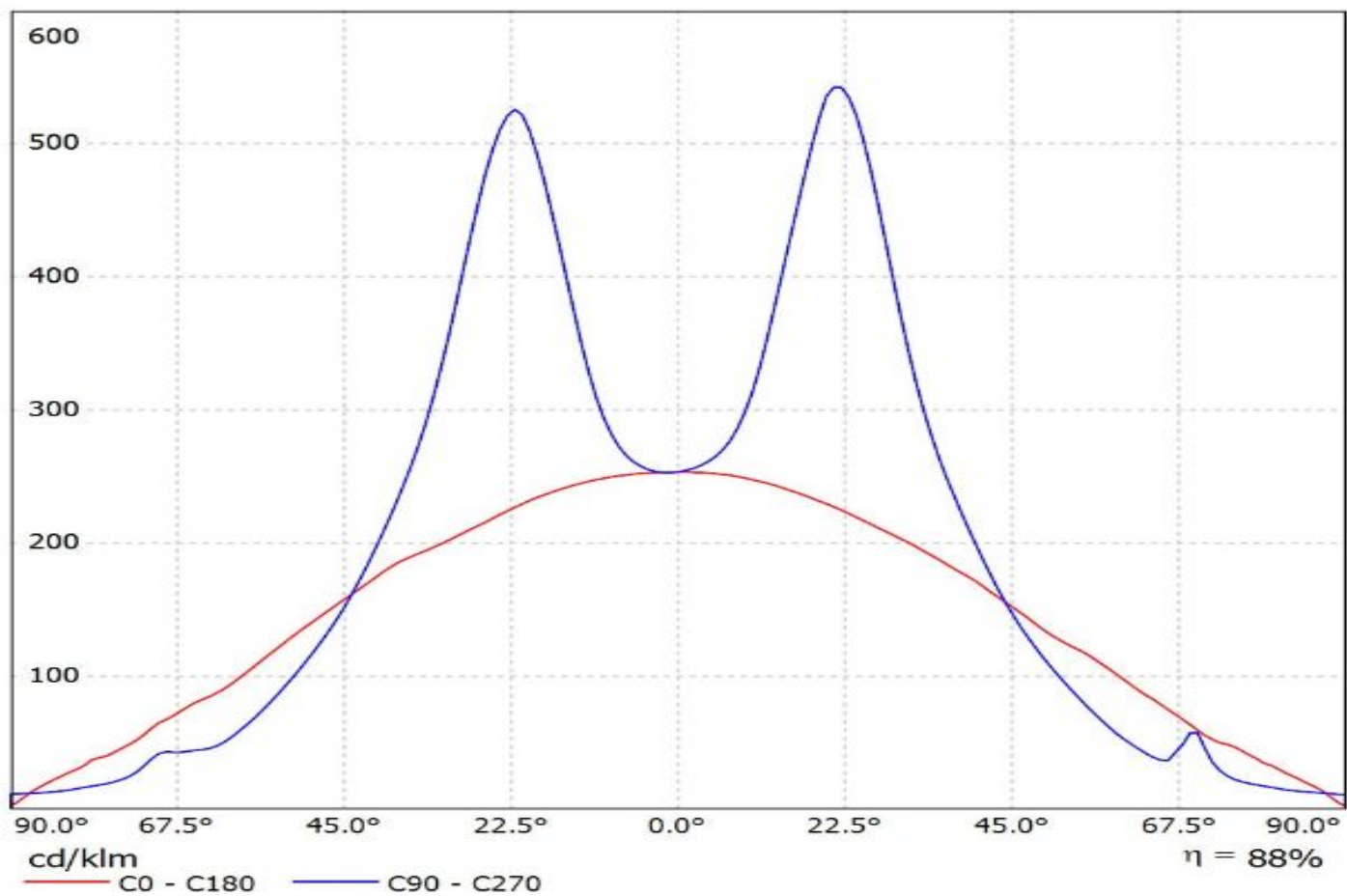


Luminaire: Ledil F15860_LINNEA-Z2T25_(LM561B+)_Cav2
Lamps: 1 x Samsung_LM561B+_1370.96lm@250mA_P=9.12885W_I=0.25A



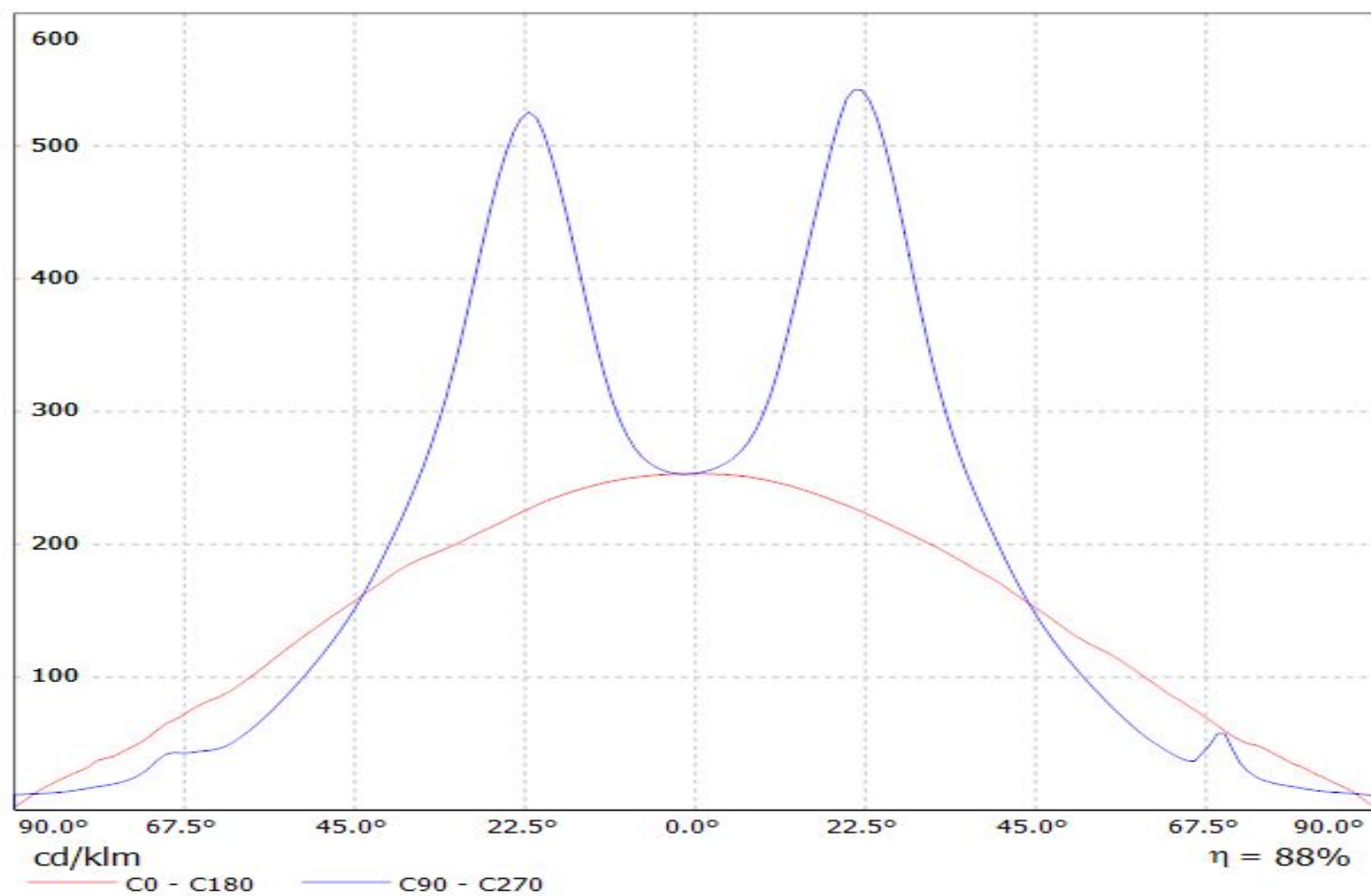
Luminaire: Ledil F15860_LINNEA-Z2T25_(LT-V282E)

Lamps: 1 x Samsung_LT-V282E_(LM281B)_1072.13lm@300mA_CCT=4000K_P=7.1427W_I=0.30A

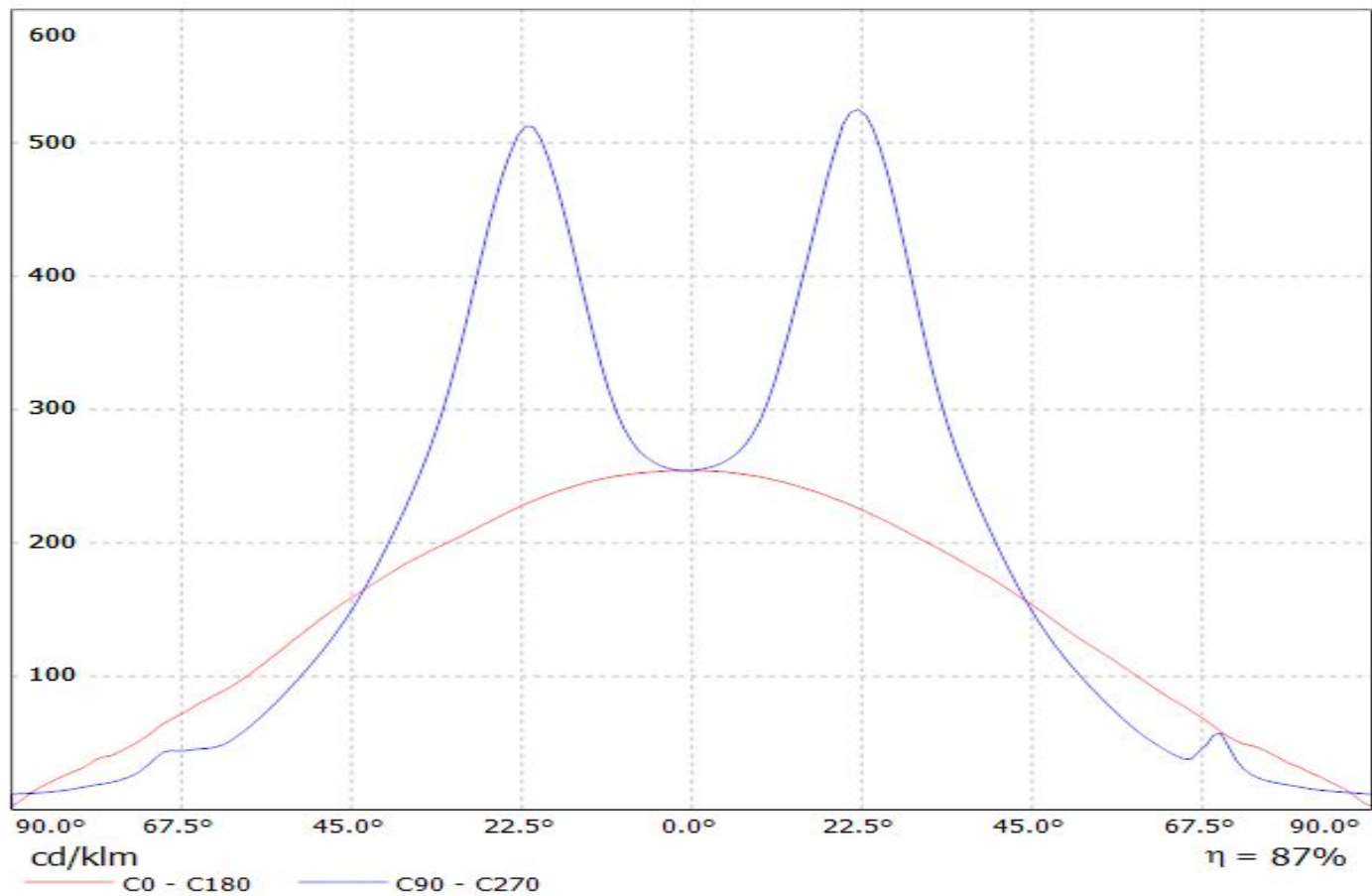


Luminaire: Ledil F15860_LINNEA-Z2T25_(LT-V562E)

Lamps: 1 x Samsung_LT-V562E_(LM281B)_2144.6lm@300mA_CCT=4000K_P=14.2854W_I=0.30A

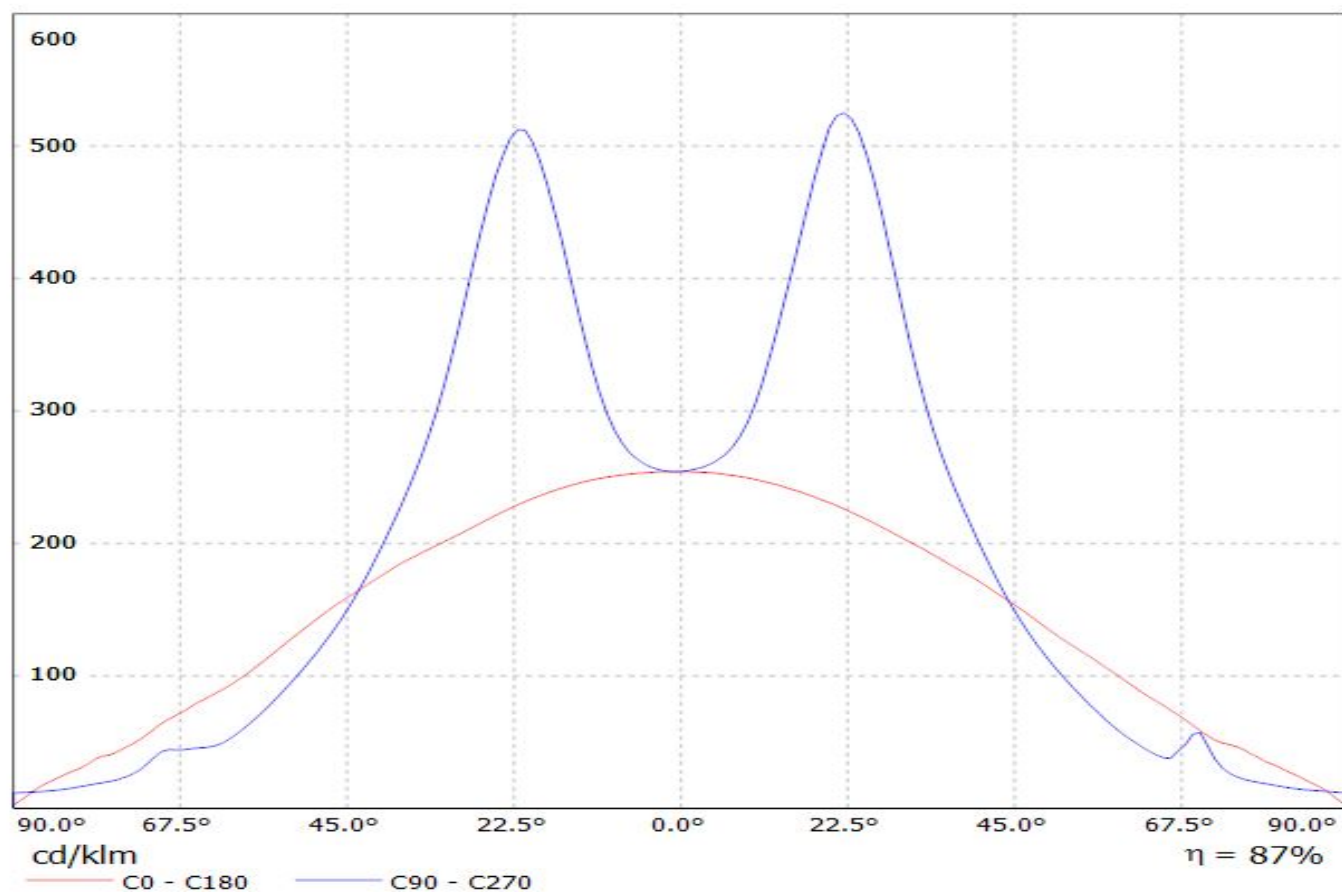


Luminaire: Ledil F15860 LINNEA-Z2T25_(LT-H282C)
Lamps: 1 x Samsung_LT-H282C_(LM561C)_997.05lm@240mA_CCT=4000K_P=5.43445W_I=0.240A

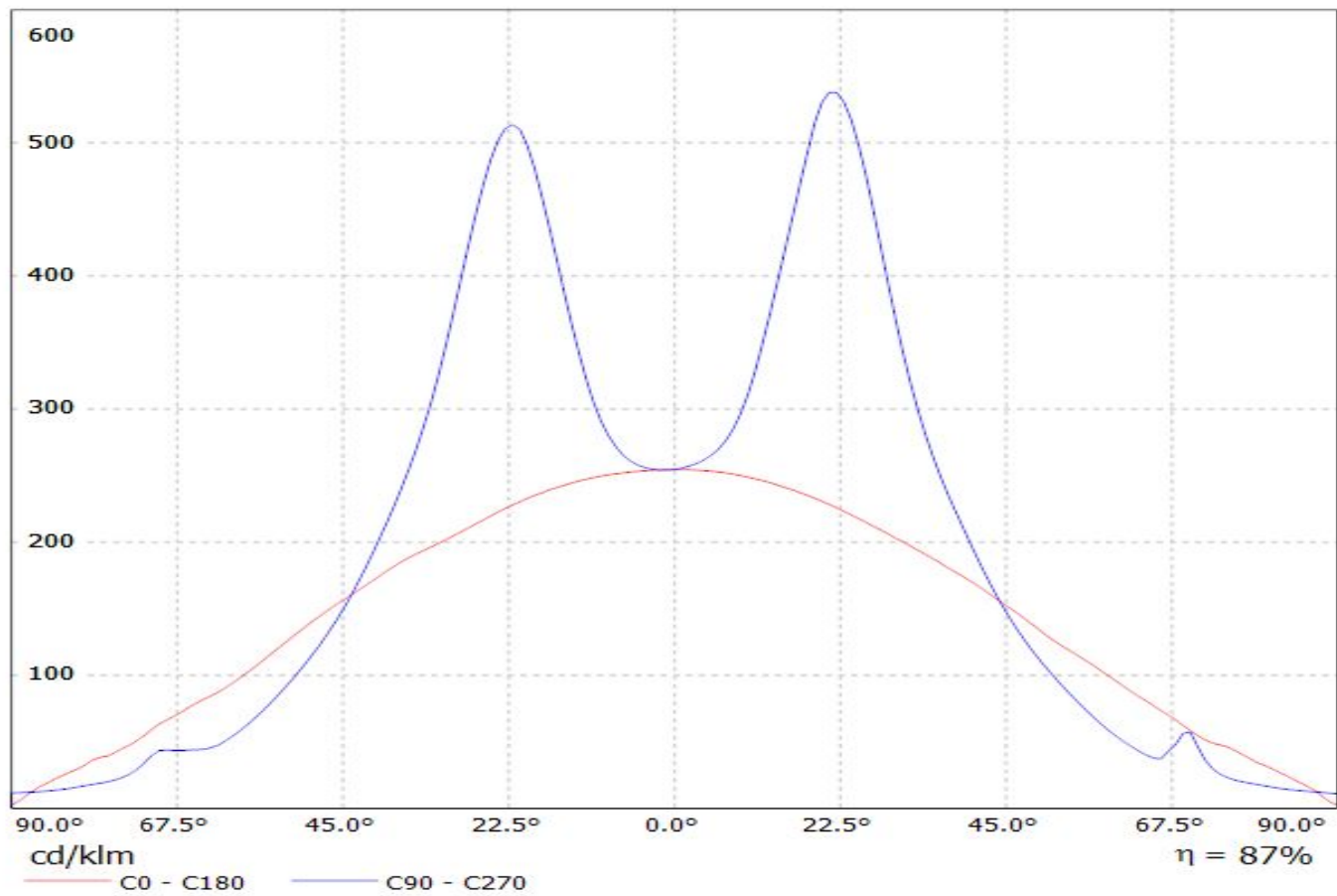


Luminaire: Ledil F15860_LINNEA-Z2T25_(LT-H562C)

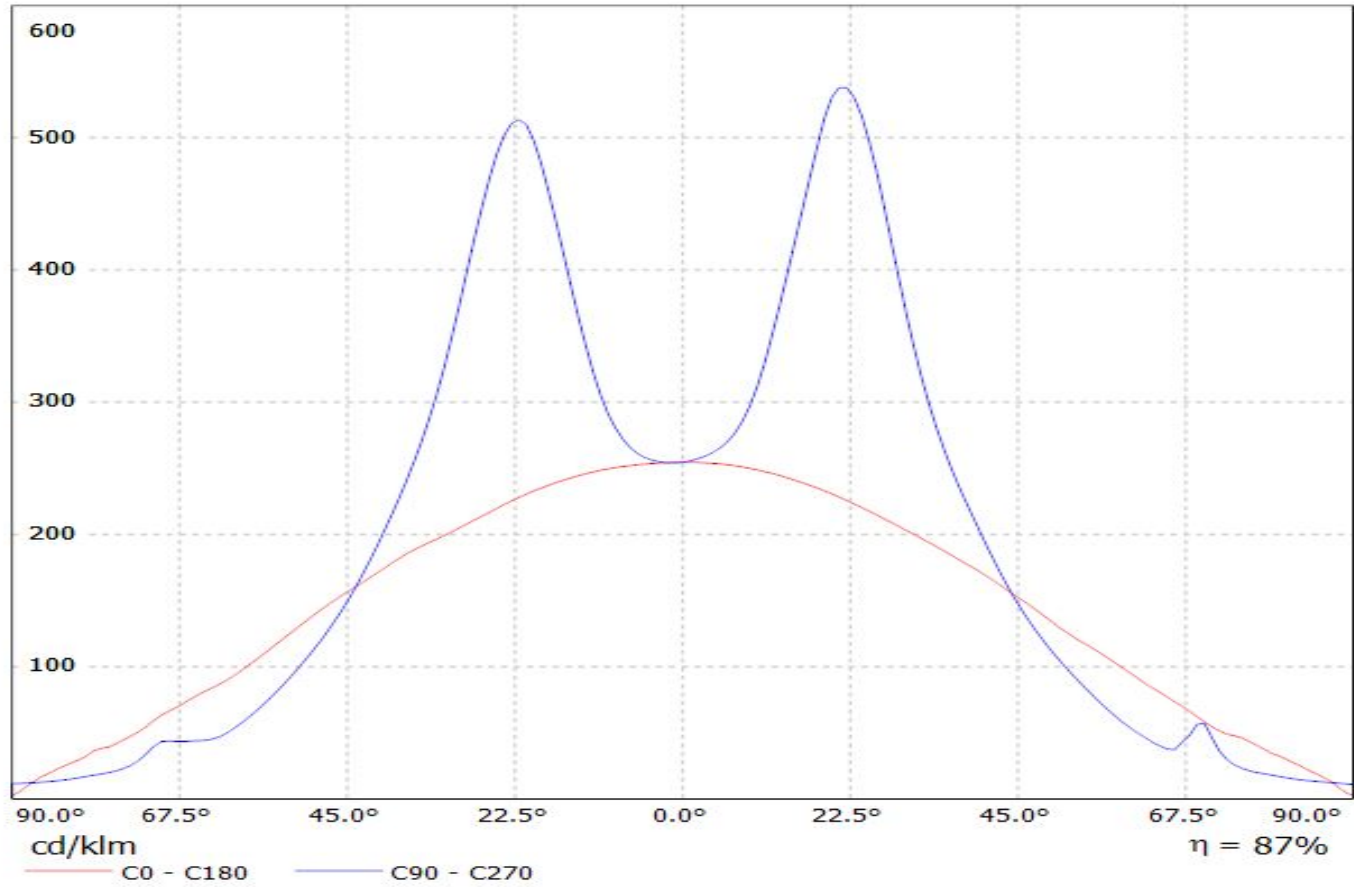
Lamps: 1 x Samsung_LT-H562C_(LM561C)_1994.1lm@240mA_CCT=4000K_P=10.8689W_I=0.240A



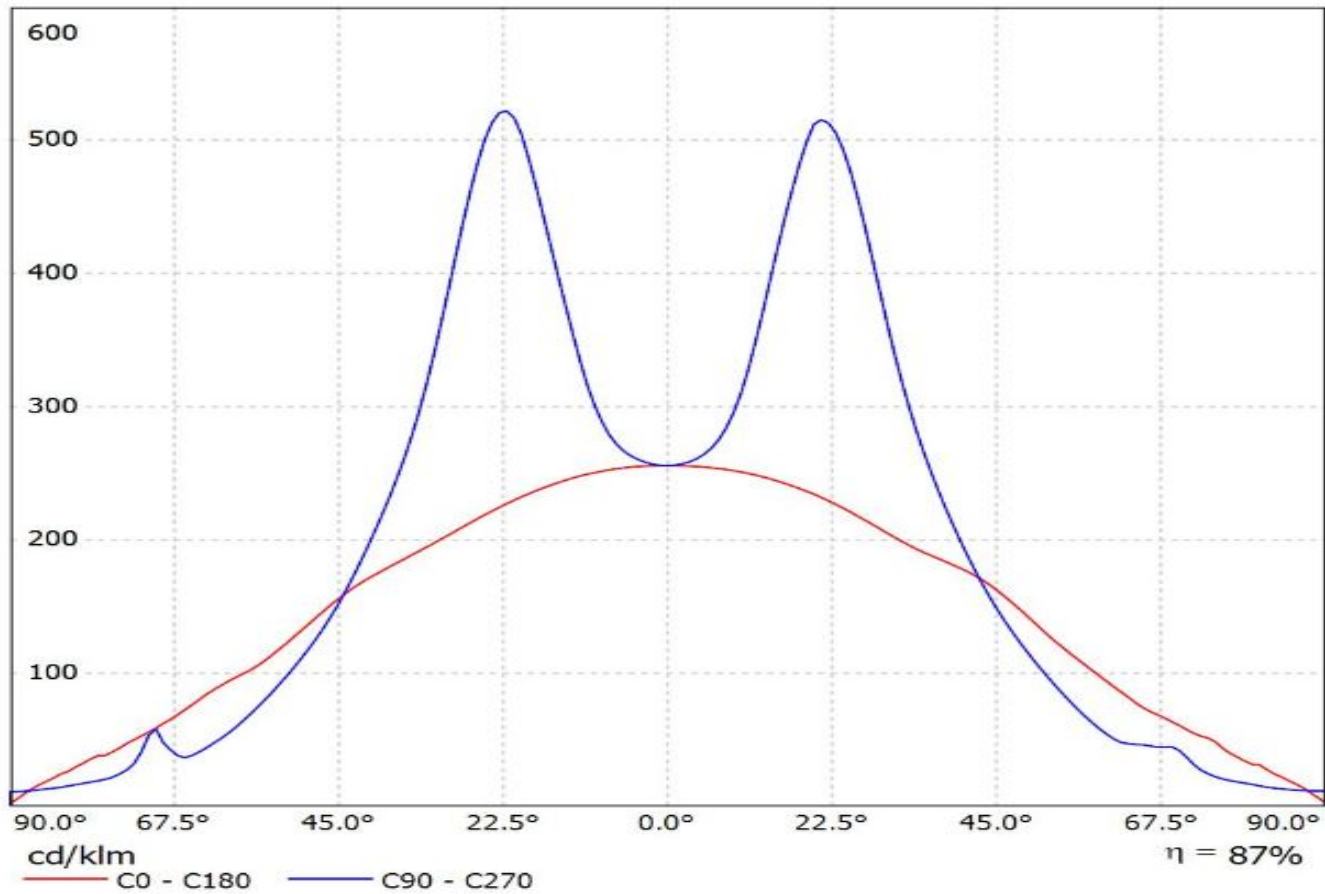
Luminaire: Ledil F15860_LINNEA-Z2T25_(LT-S282H)
Lamps: 1 x Samsung_LT-S282H_(LM561B+)_1143.31lm@300mA_P=7.2W_I=0.30A



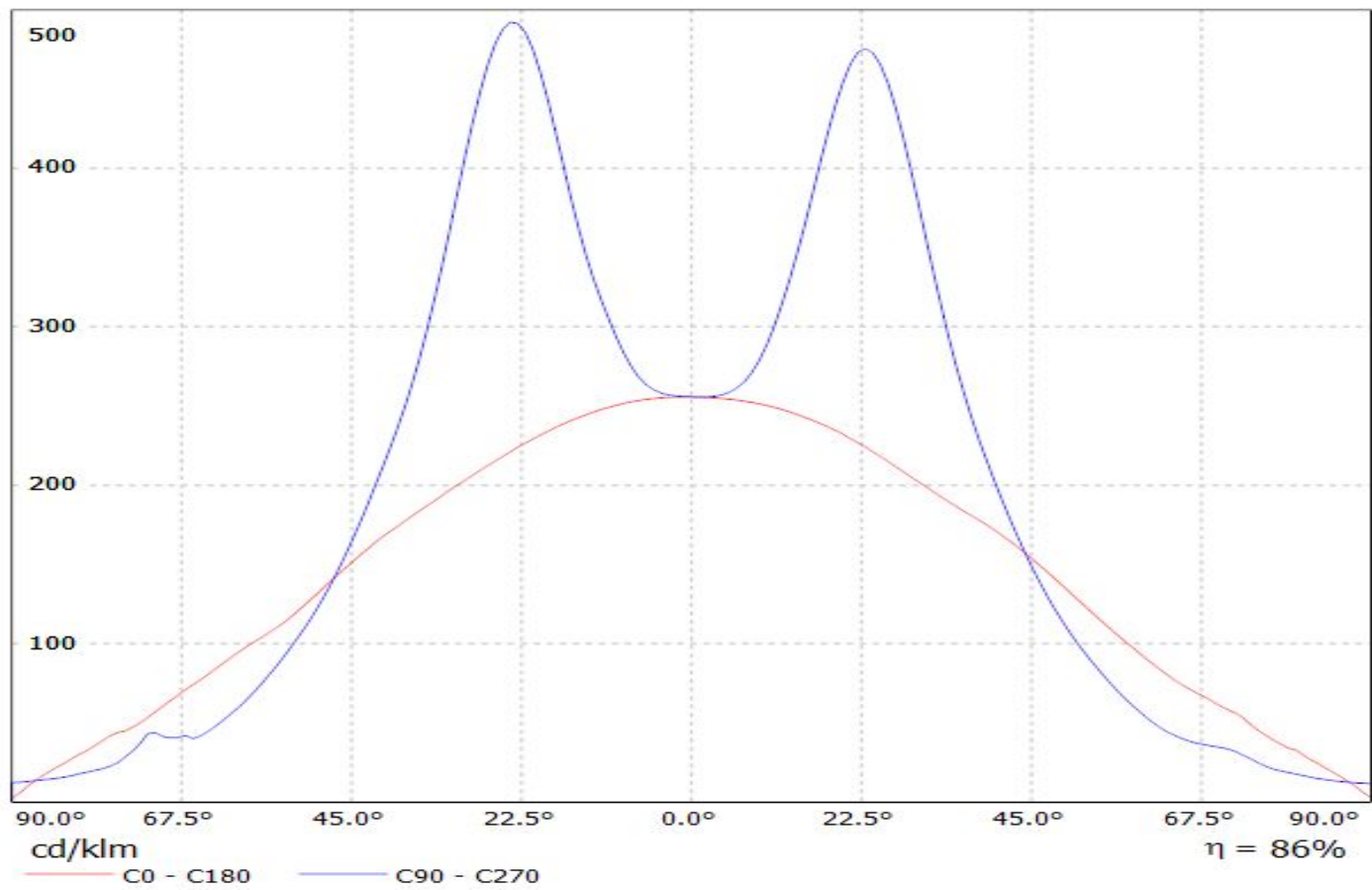
Luminaire: Ledil F15860_LINNEA-Z2T25_(LT-S562H)
Lamps: 1 x Samsung_LT-S562H_(LM561B+)_2286.62lm@300mA_P=14.4W_I=0.30A



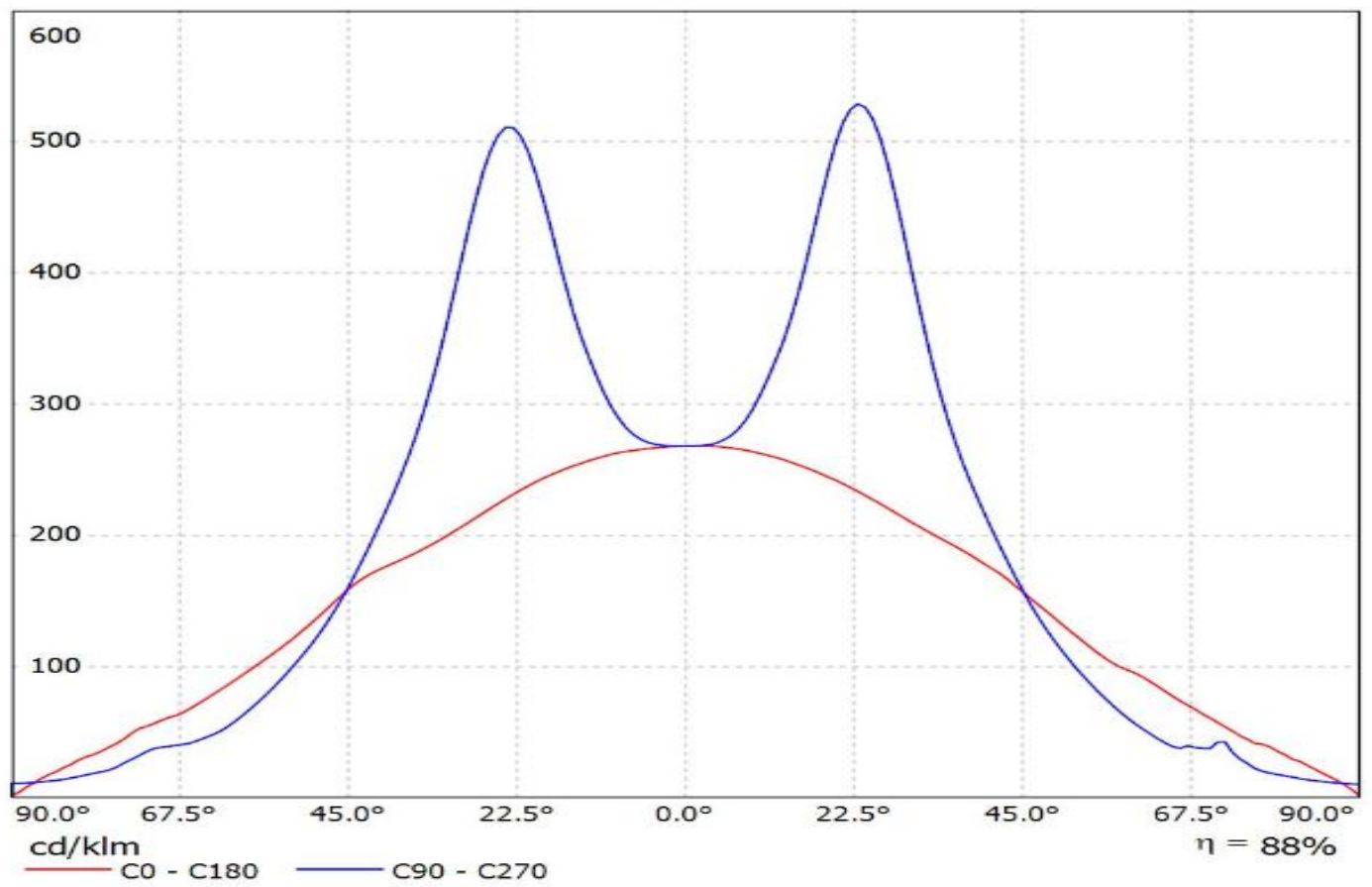
Luminaire: Ledil F15860_LINNEA-Z2T25_(LT-Q282B)
Lamps: 1 x Samsung_LT-Q282B_(LM301B_SI-B8T053280EU)_943.526lm@180mA_P=4.99618W_U=27.805V



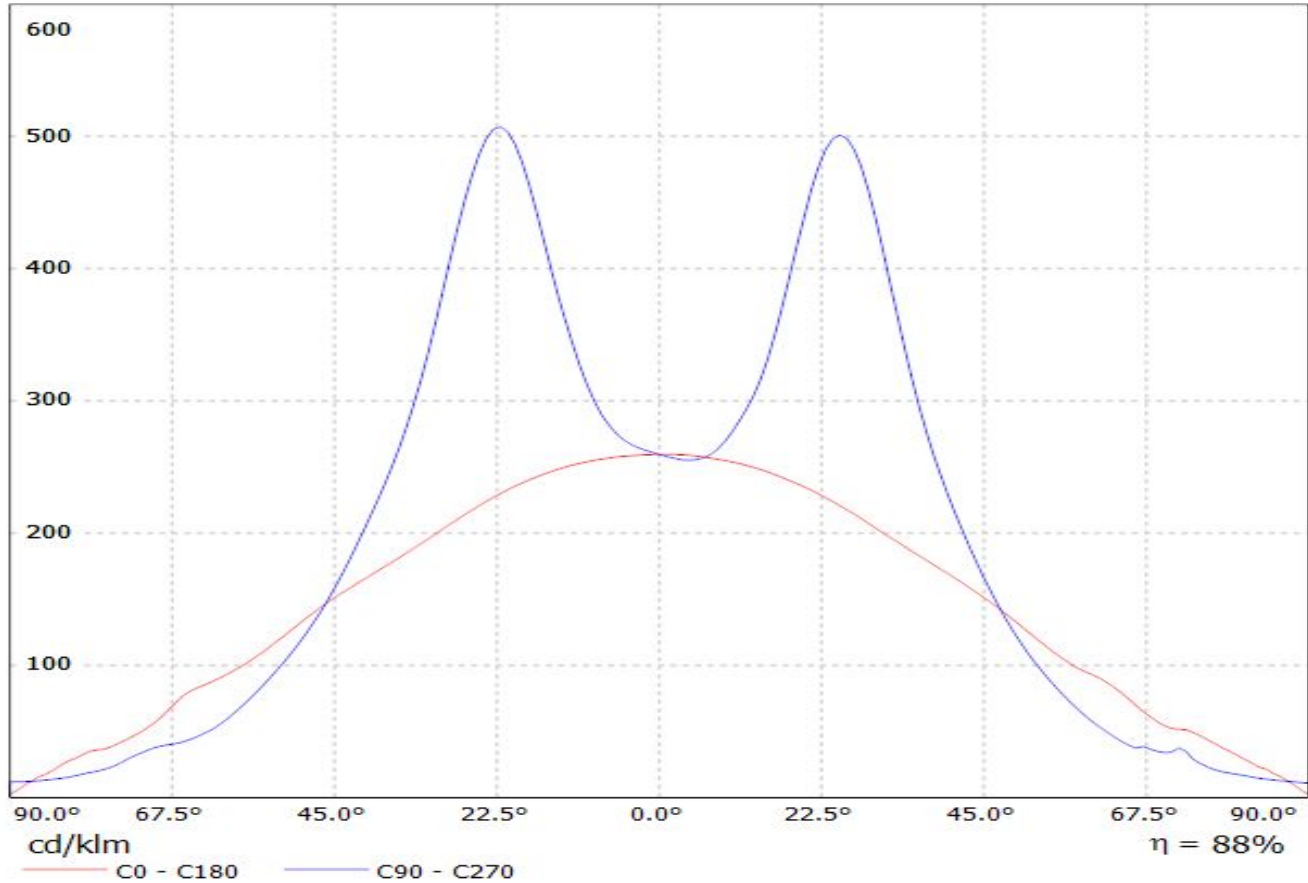
Luminaire: LEDiL Oy F15860_LINNEA-Z2T25_(Seoul_semi_5630D)
Lamps: 1 x Seoul_Semi_5630D_932.657lm@250mA_P=5.68145W_I=0.250A



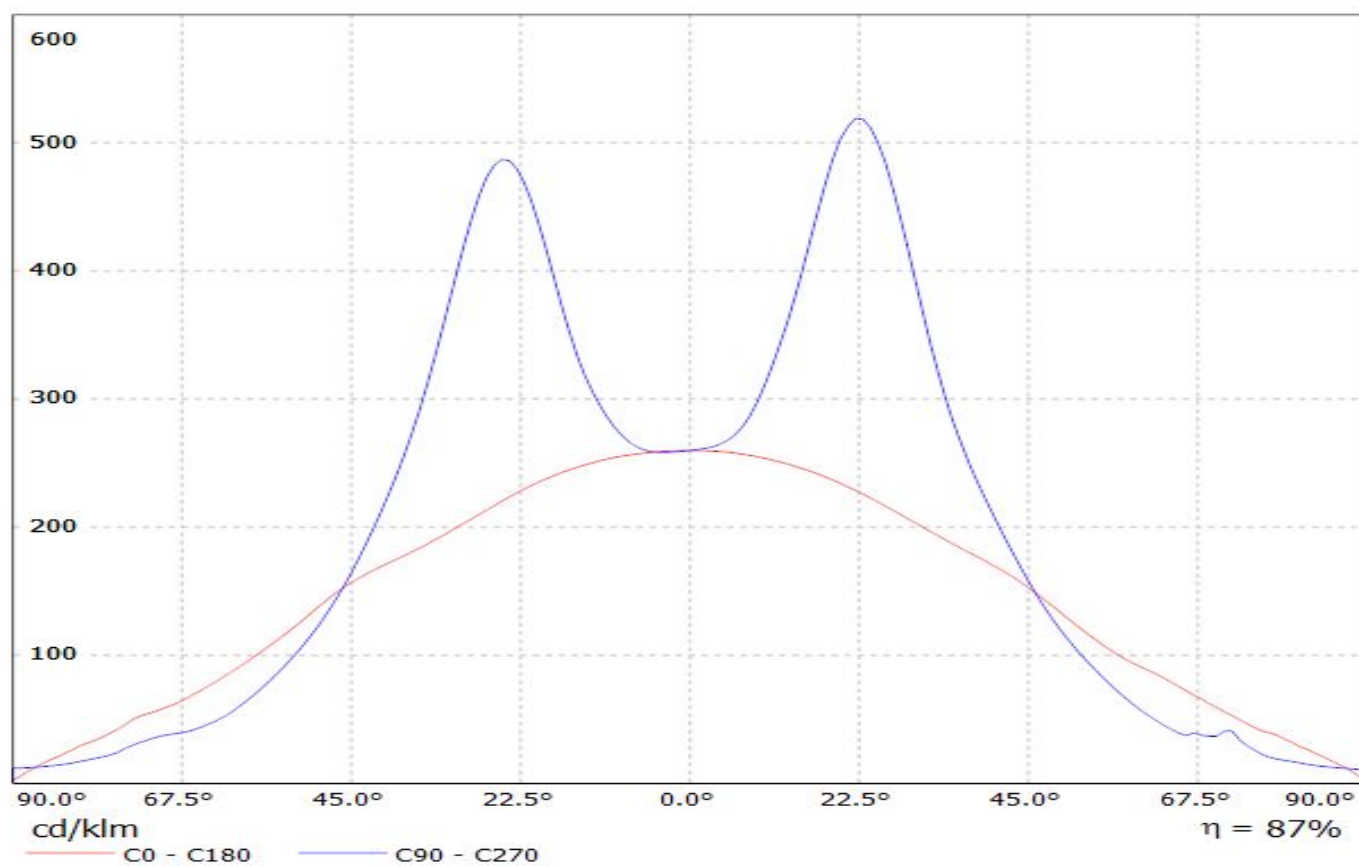
Luminaire: Ledil F15861_LINNEA-ZT25_(SunLike_3030)
Lamps: 1 x SEOUL_SunLike_3030_(STW9C2PB-S)_240.112lm@0.65mA_P=2.30512W_U=35.526V



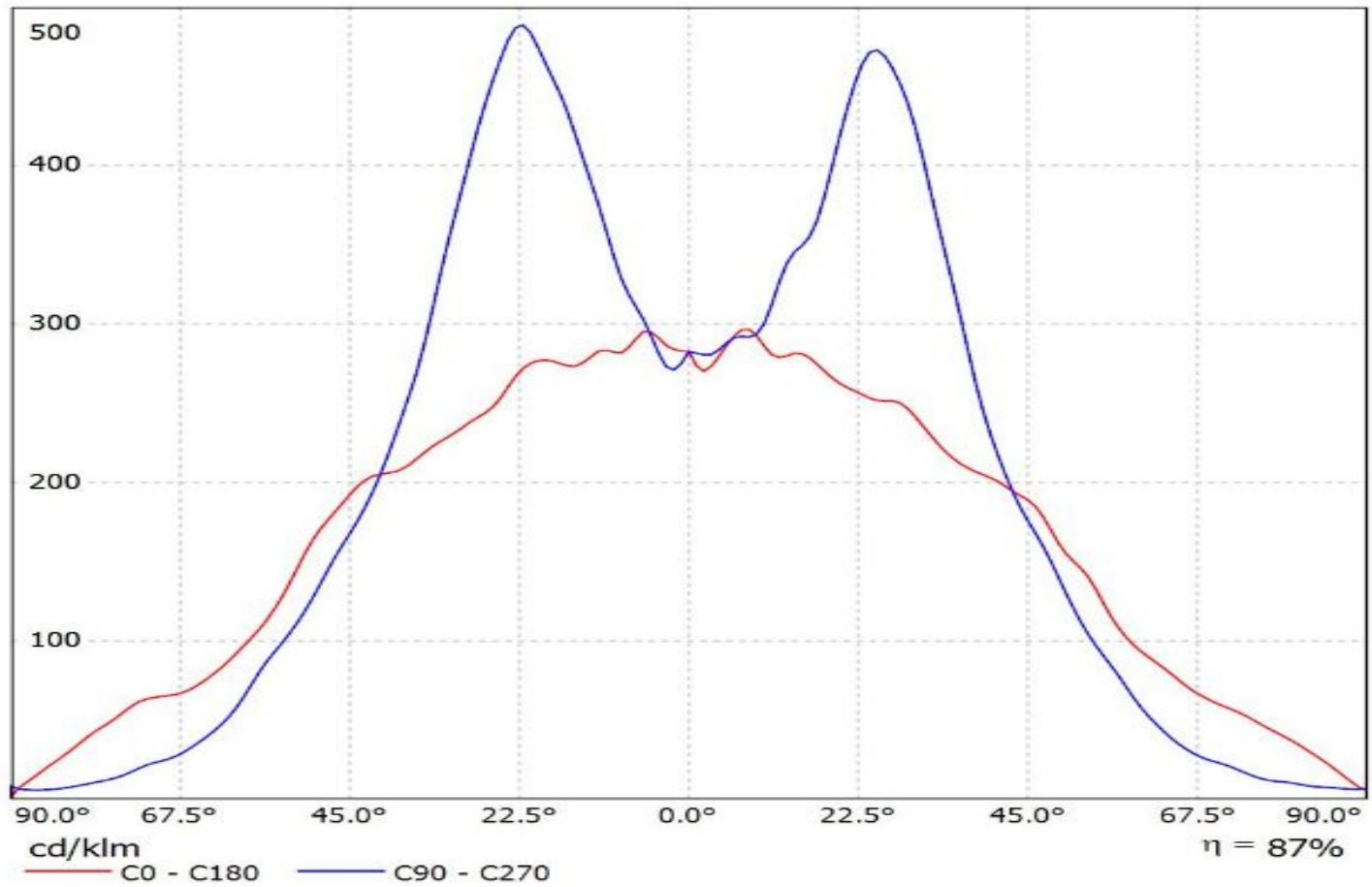
Luminaire: LEDiL Oy F15860_LINNEA-Z2T25_(LLE_G4_24x280mm_650lm_840_2T_ADV)
Lamps: 1 x
Tridonic_LLE_G4_24x280mm_650lm_840_2T_ADV_485.133lm@250mA_CCT=4000K_P=2.81774W_U=11.279V



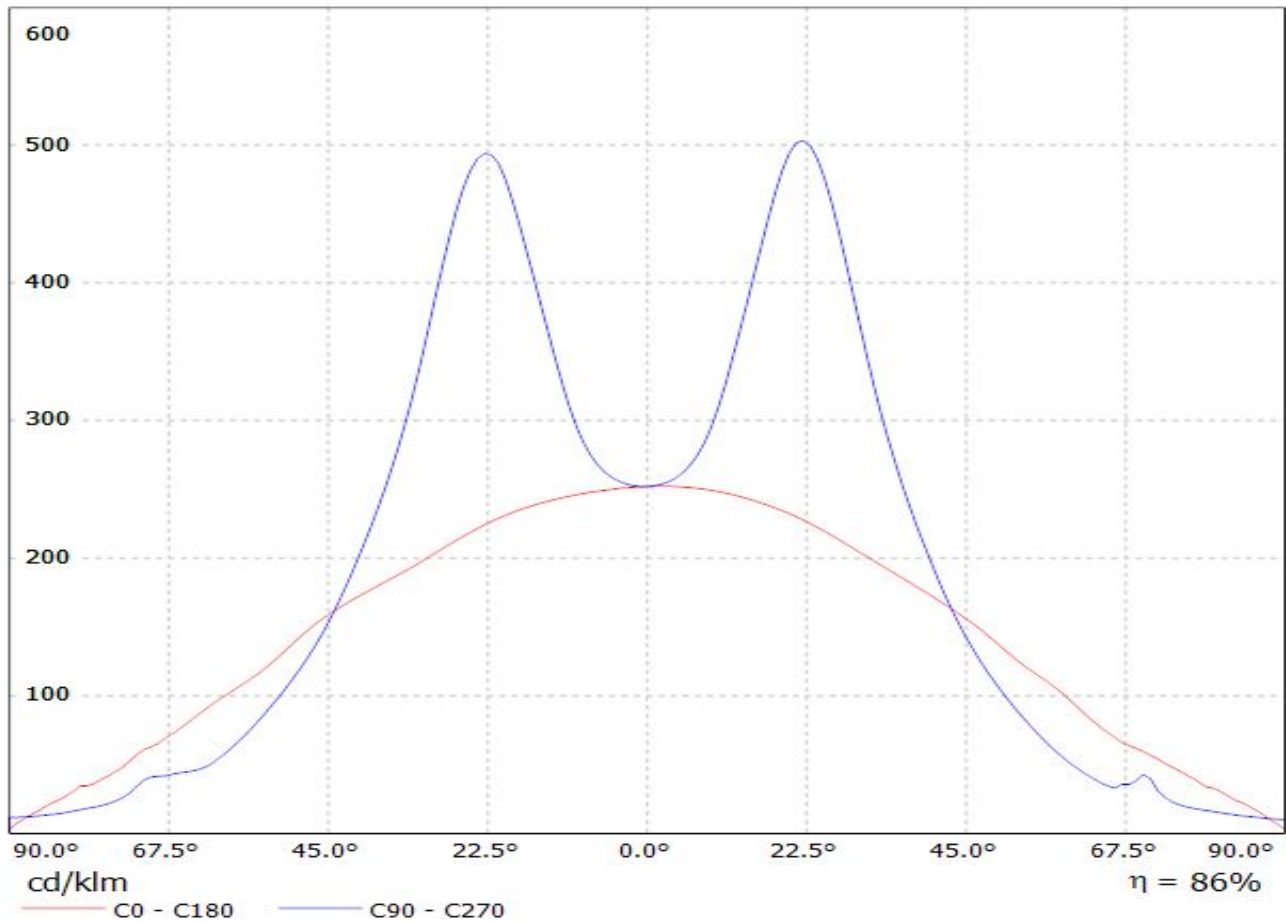
Luminaire: Ledil F15860_LINNEA-Z2T25_(LLE_G4_24x280mm_1250lm_840_4T_ADV)
Lamps: 1 x Tridonic_(LLE_G4_24x280mm_1250lm_840_4T_ADV)
_966.809lm@250mA_CCT=4000K_P=5.629W_U=22.525V



Luminaire: Ledil Oy F15860_LINNEA-Z2T25_(LLE G4 24x280mm 2000lm ADV)_SIMULATED
Lamps: 1 x Tridonic LLE G4 24x280mm 2000lm ADV

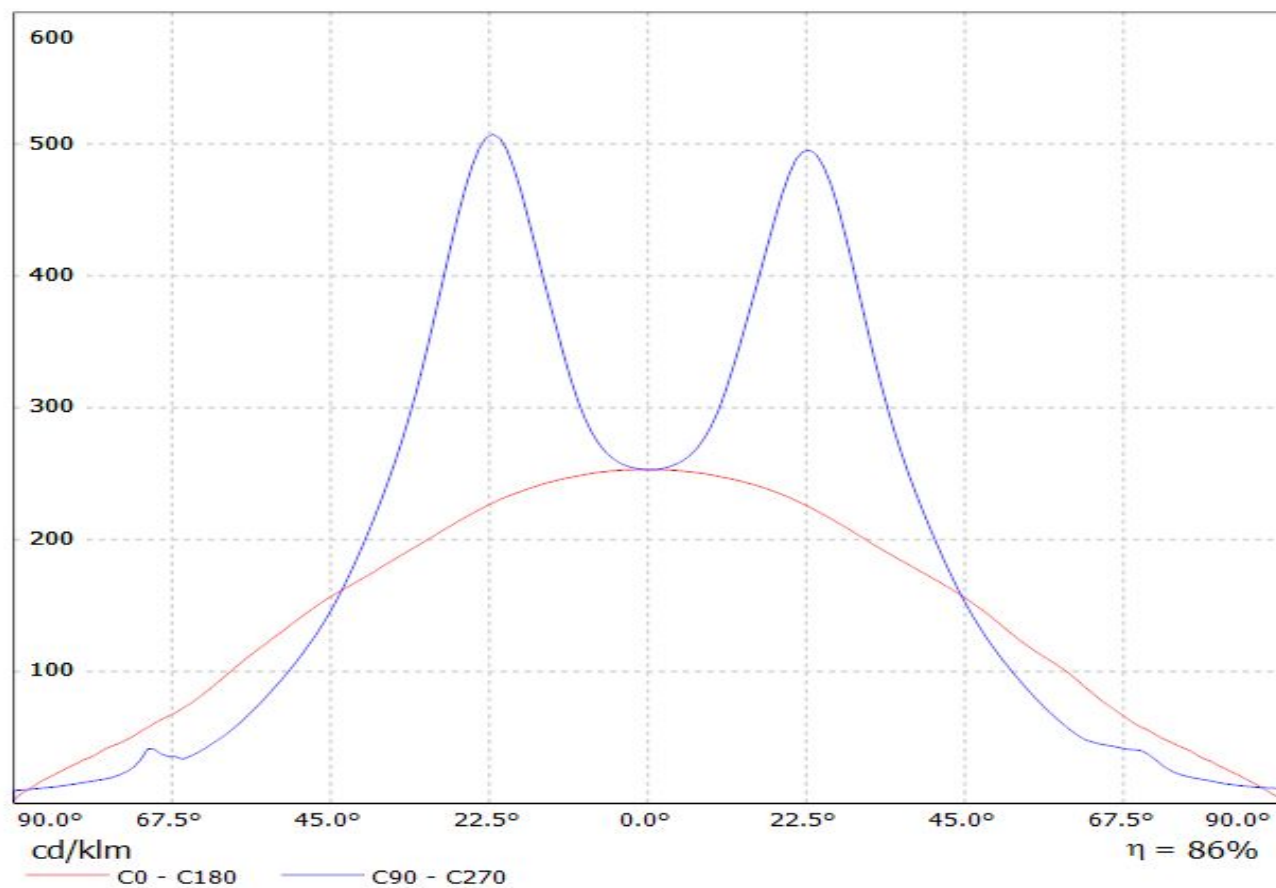


Luminaire: LEDiL Oy F15860_LINNEA-Z2T25_(CALOSNU405-M7W1)
Lamps: 1 x ARRANT_LIGHT_CALOSNU405-M7W1_494.124lm@250mA_CCT=4000K_P=2.74955W_U=11.007V

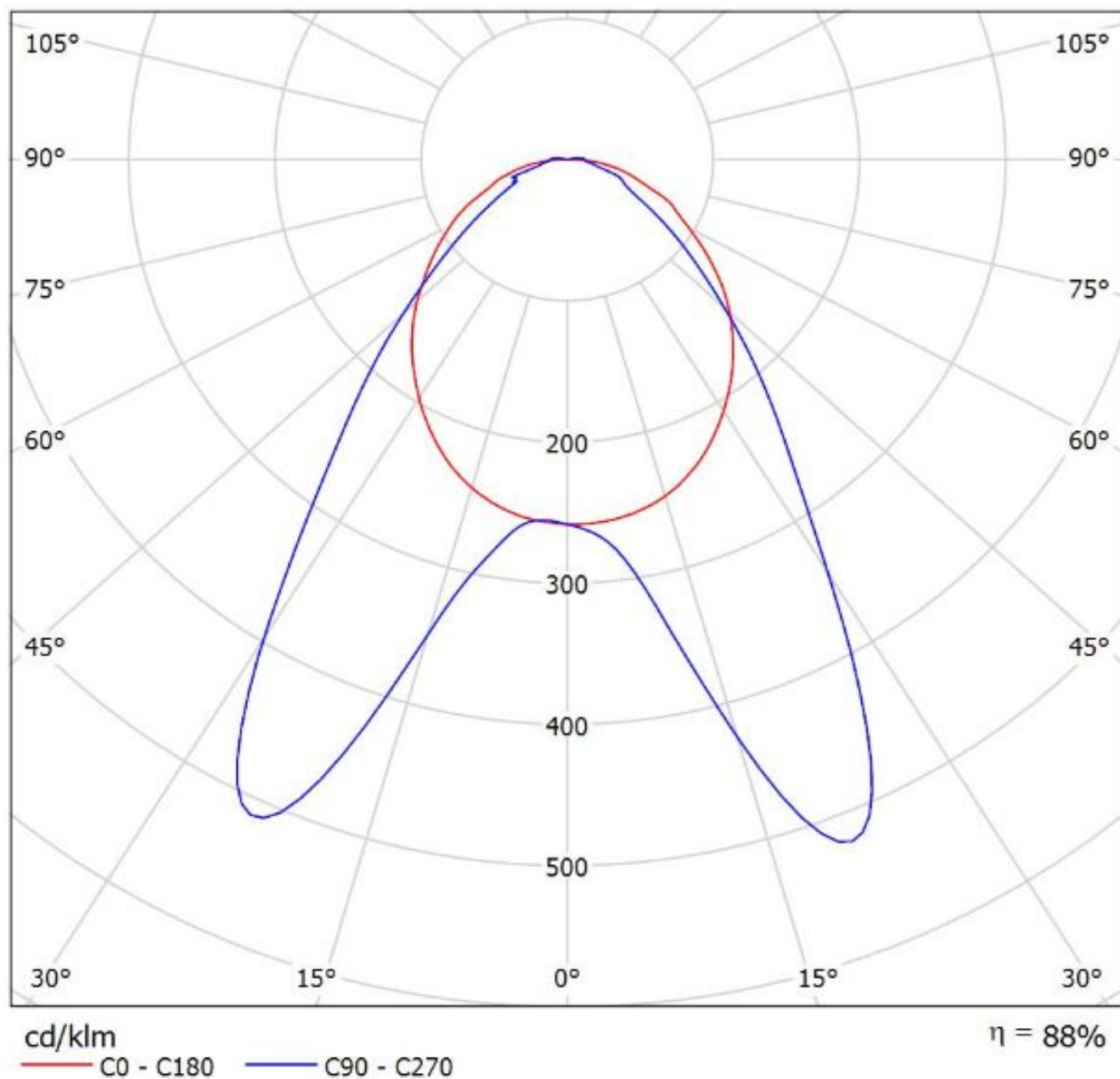


Luminaire: Ledil F15860_LINNEA-Z2T25_(CALOSNU410-M7W1)

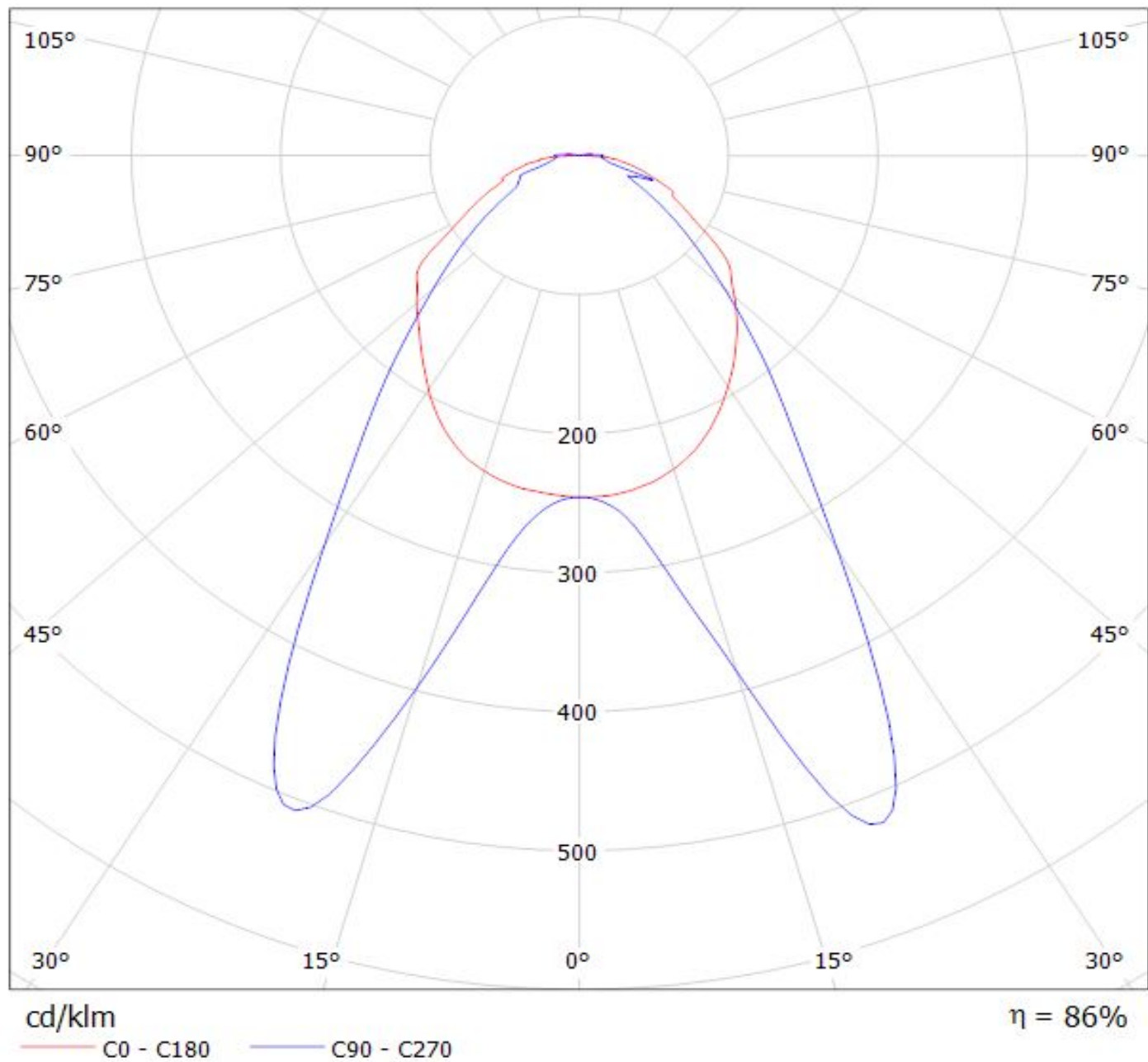
Lamps: 1 x ARRANT_LIGHT_CALOSNU410-M7W1_499.378lm@250mA_CCT=4000K_P=2.70242W_U=10.814V



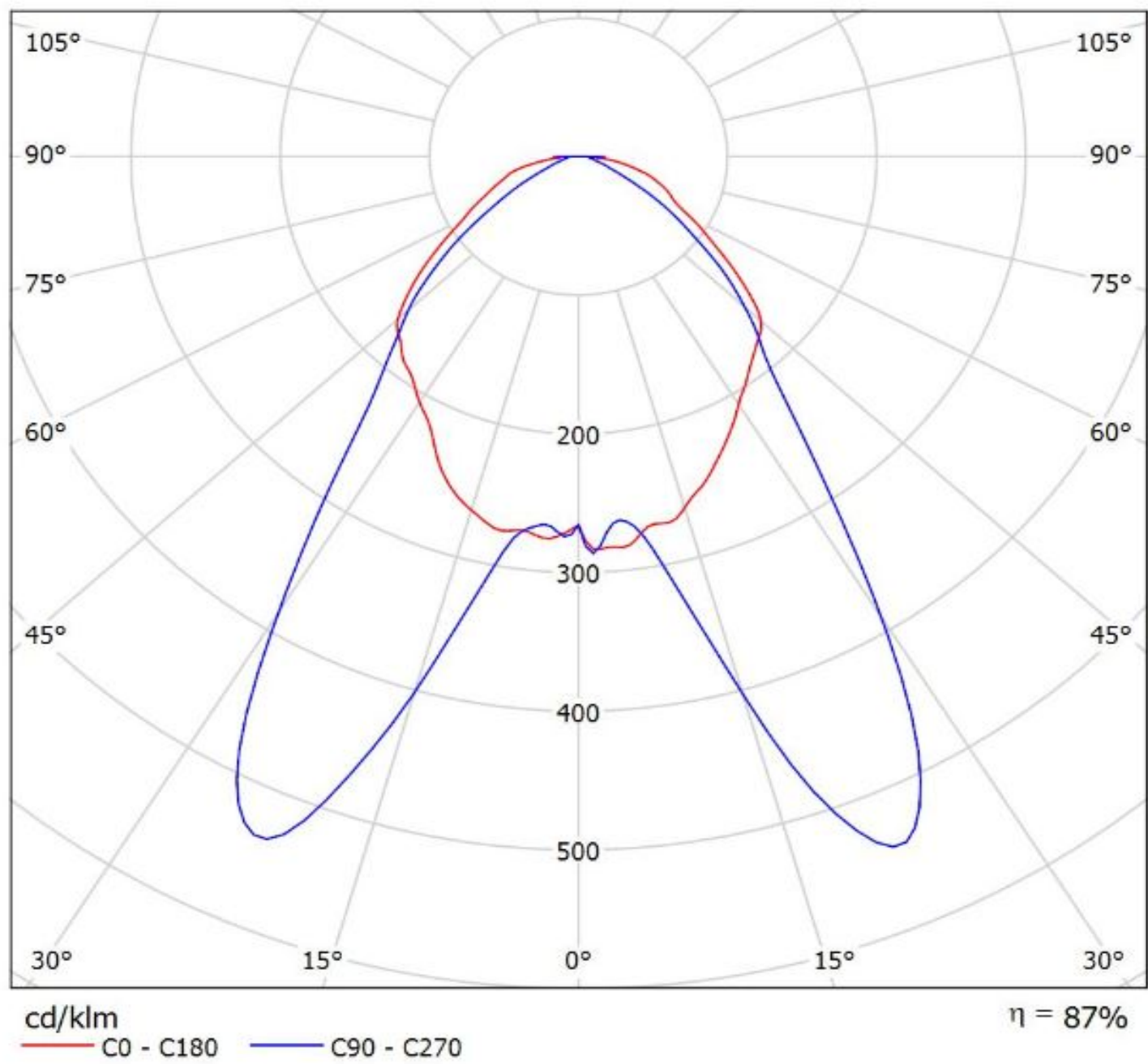
Luminaire: Ledil F15860_LINNEA-Z2T25_(Tridino_1ft_1100lm_840HE_1R_HV)
Lamps: 1 x Tridino_1ft_1100lm_840HE_1R_HV_(Edison2835HE)_1343.19lm@250mA_P=8.02229W_I=0.250A



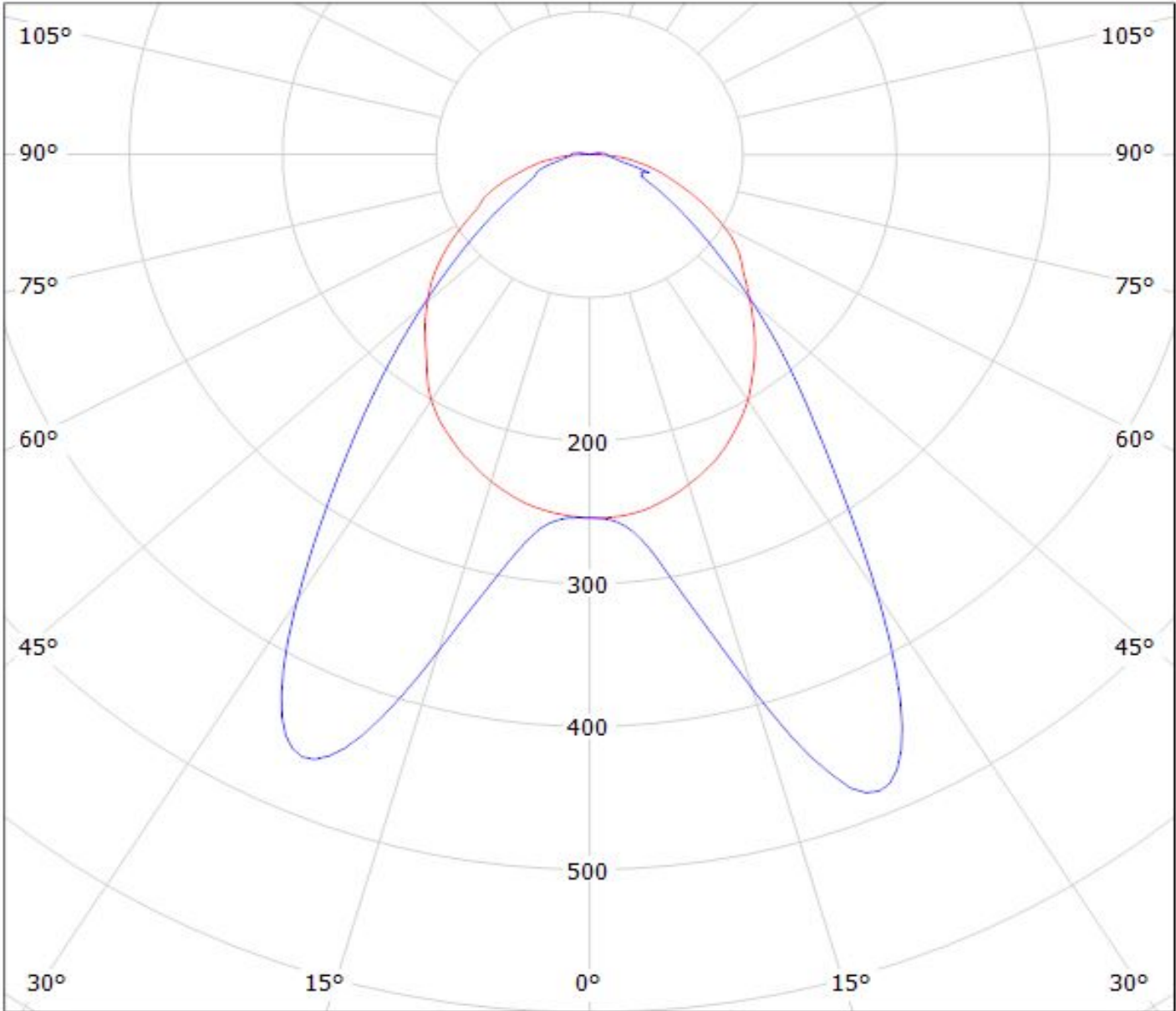
Luminaire: LEDiL Oy F15860_LINNEA-Z2T25_(XP-E)
Lamps: 1 x Cree_XP-E_x12_(XPEWHT-L1-3C0-Q5-0-00)_920.665lm@250mA_P=9.07548W_U=36.329V



Luminaire: Ledil Oy F15860 LINNEA-Z2T25_(NF2W757GR-V1)_SIMULATED
Lamps: 1 x Nichia NF2W757GR-V1



Luminaire: LEDiL Oy F15860_LINNEA-Z2T25_(NFSx757G)
Lamps: 1 x Nichia_NFSx757Gx12_389.068lm@65mA_P=2.23905W_U=34.391V

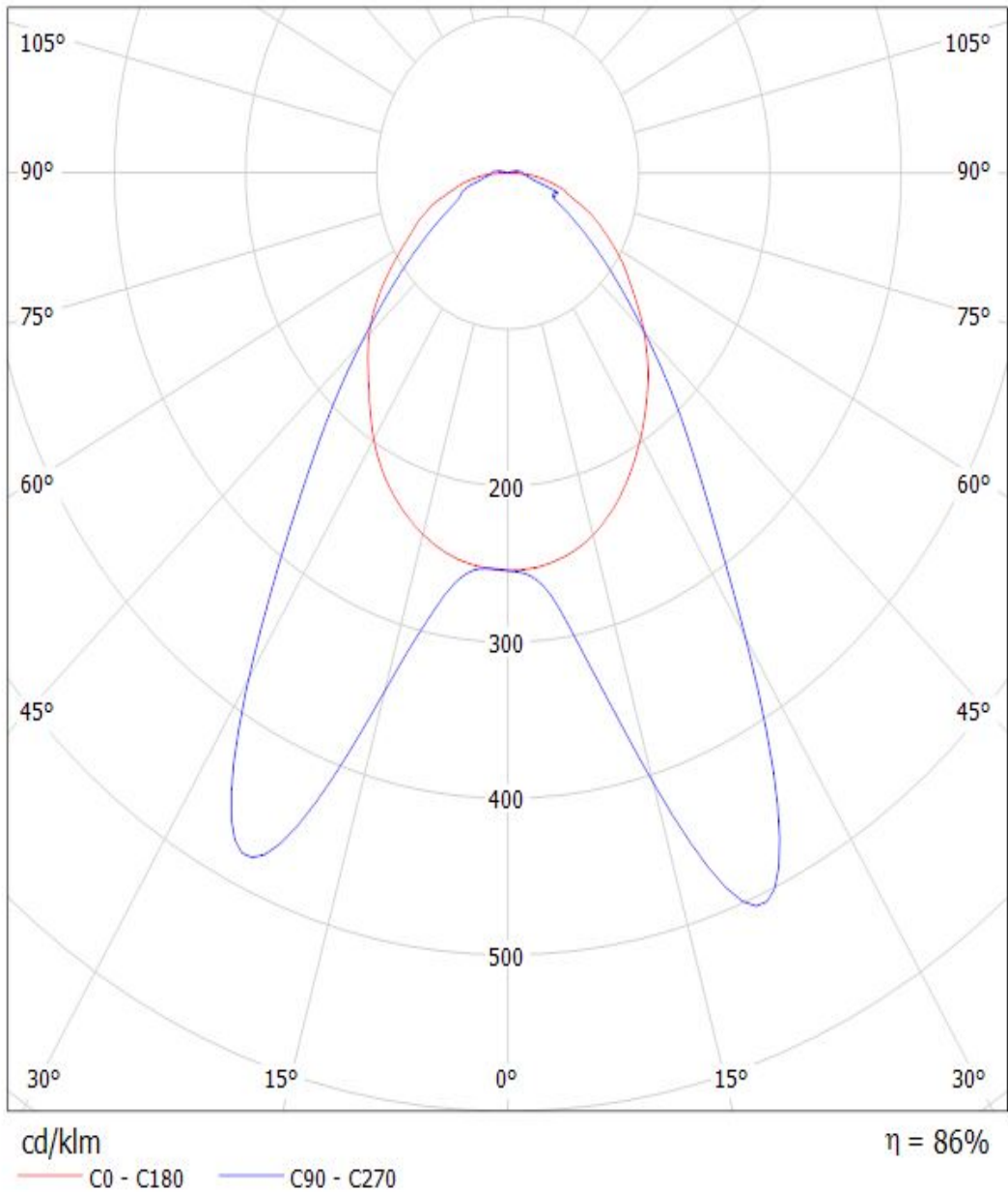


cd/klm

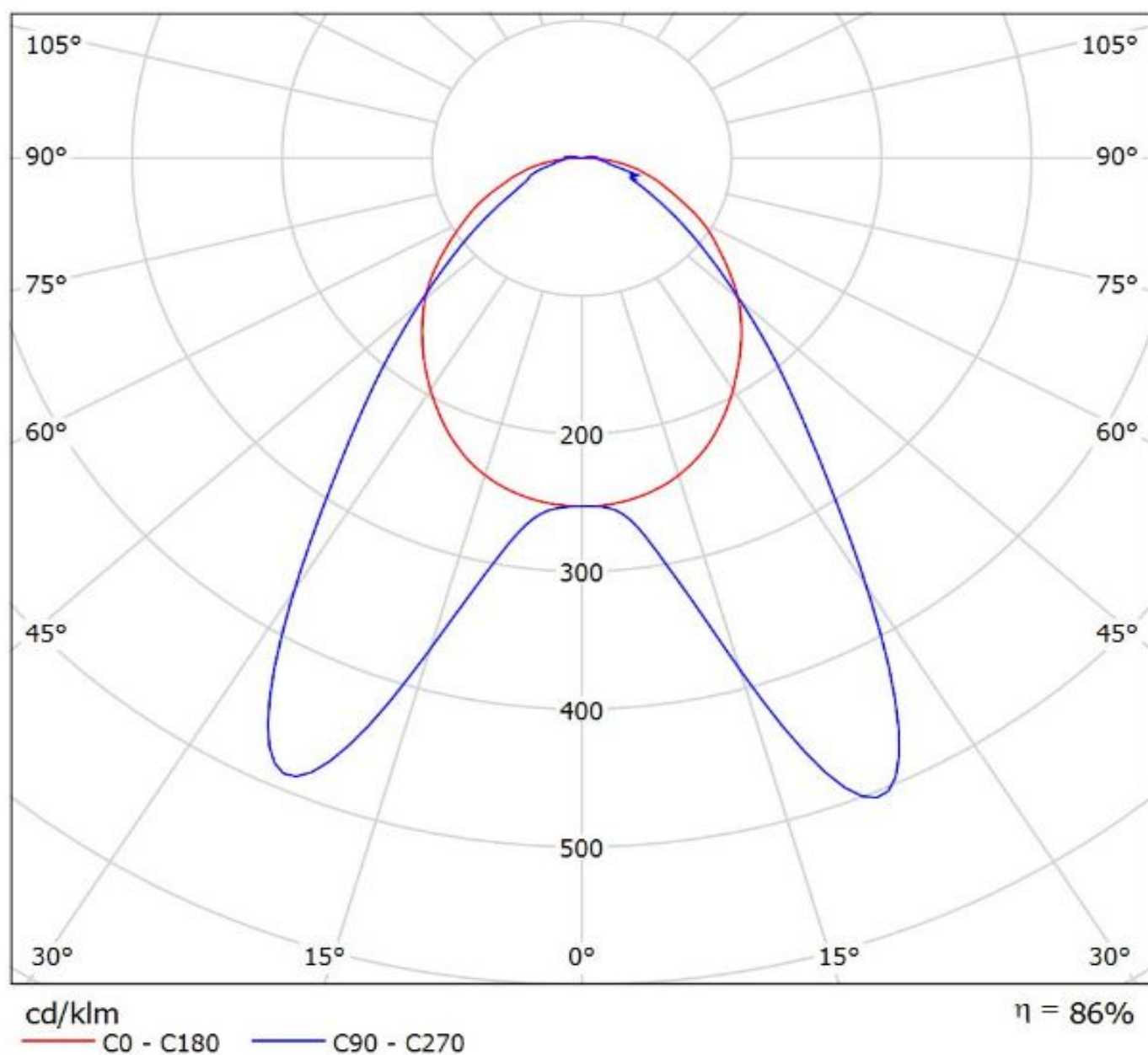
$\eta = 85\%$

— C0 - C180 — C90 - C270

Luminaire: LEDiL Oy F15860_LINNEA-Z2T25_(Prevaled_Linear_Slim_1100lm)
Lamps: 1 x Osram_Prevaled_Linear_Slim_1100lm_(PL-LIN_S-Z3_1100-830_280)_1027.96lm@170mA_CCT=3000K_P=6.43142W_I=0.250A

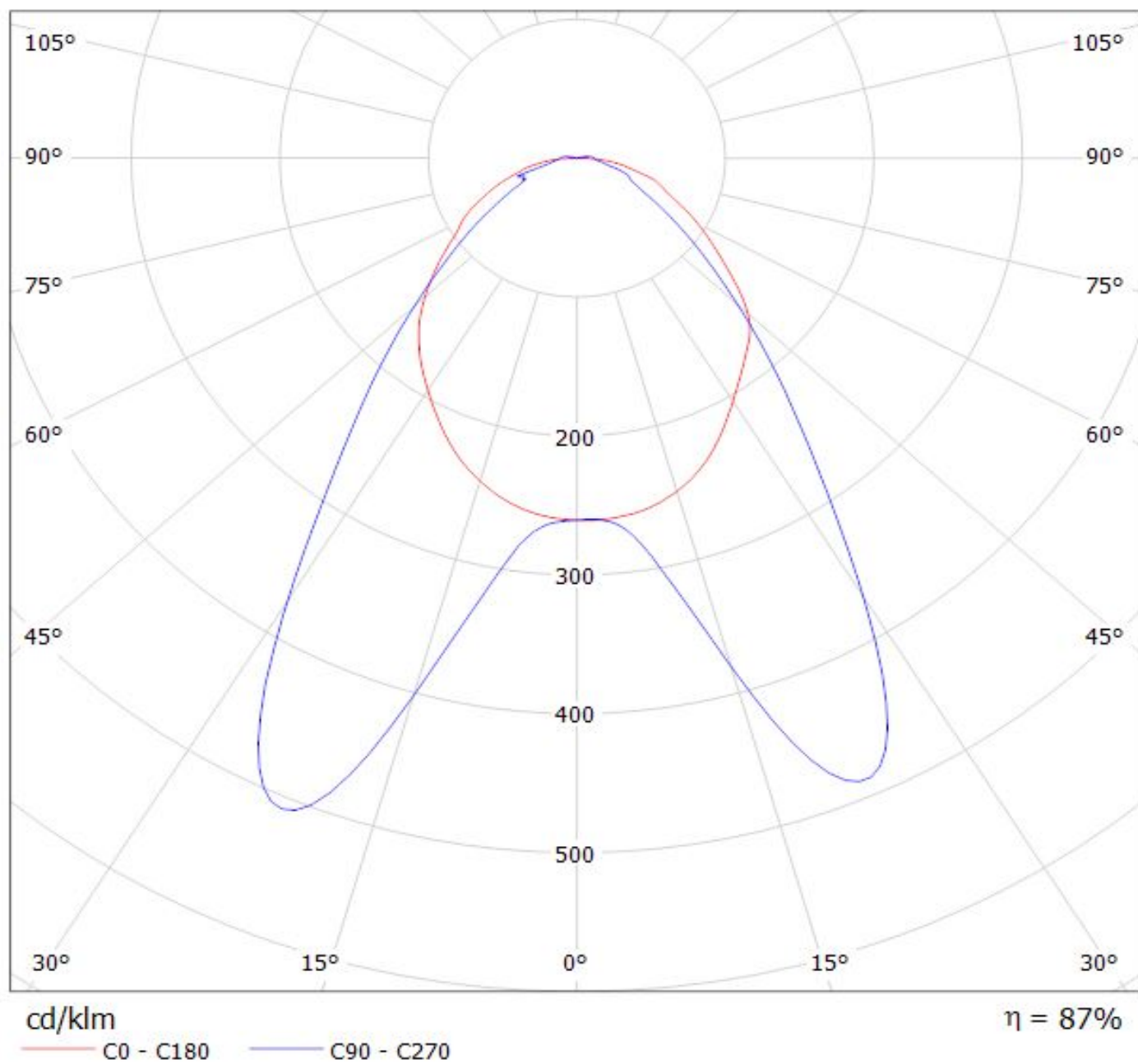


Luminaire: Ledil F15860_LINNEA-Z2T25_(Prevaled_Linear_Slim_3)
Lamps: 1 x Osram_Prevaled_Linear_Slim_3_(PL-LIN S-Z3-2000-840-280)
_1949.14lm@300mA_CCT=4000K_P=12.0015W_U=40.179V

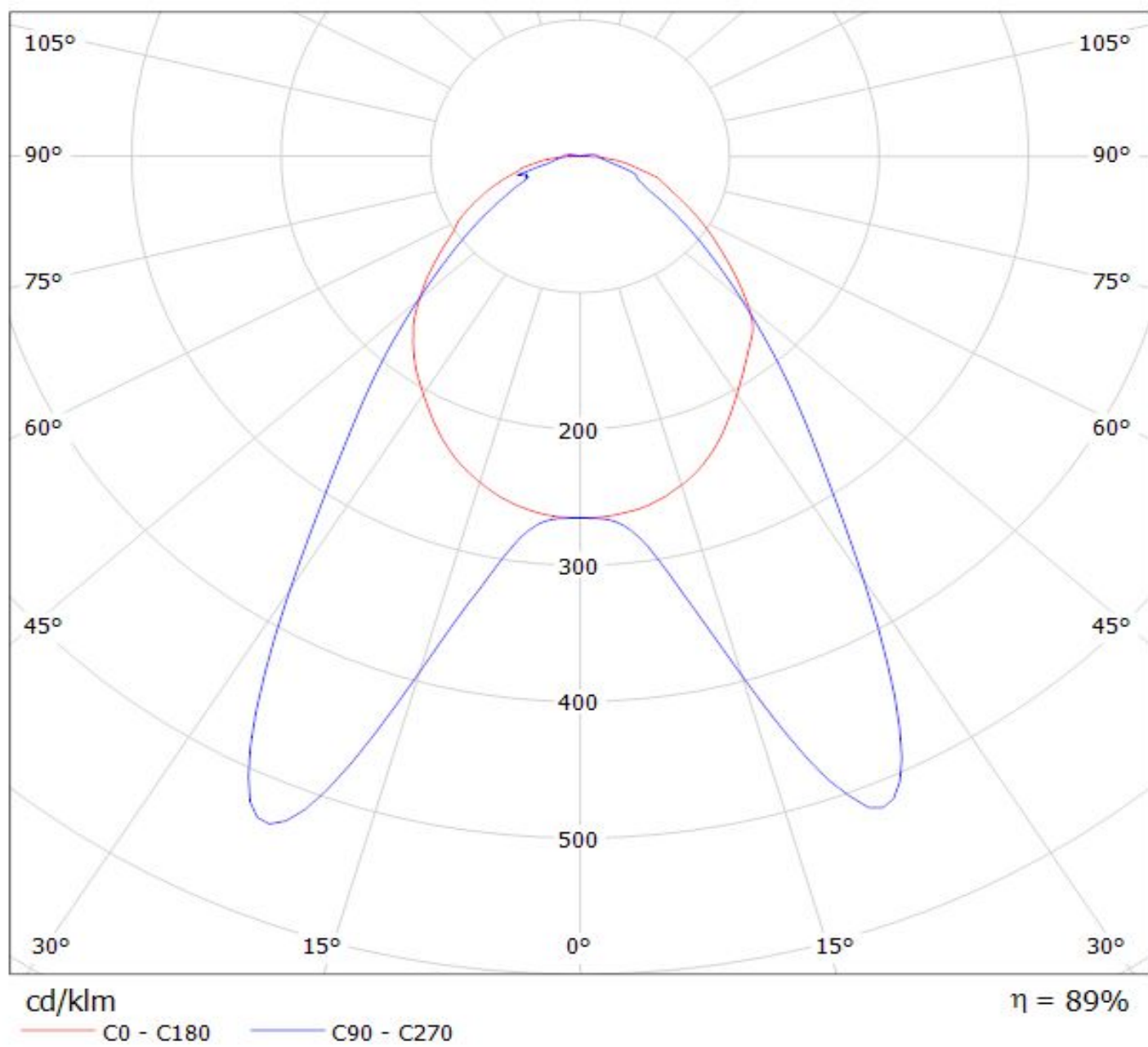


Luminaire: Ledil F15860_LINNEA-Z2T25_(Duris_S5)

Lamps: 1 x Osram_Duris_S5_1183.73lm@250mA_P=8.66003W_U=34.724V

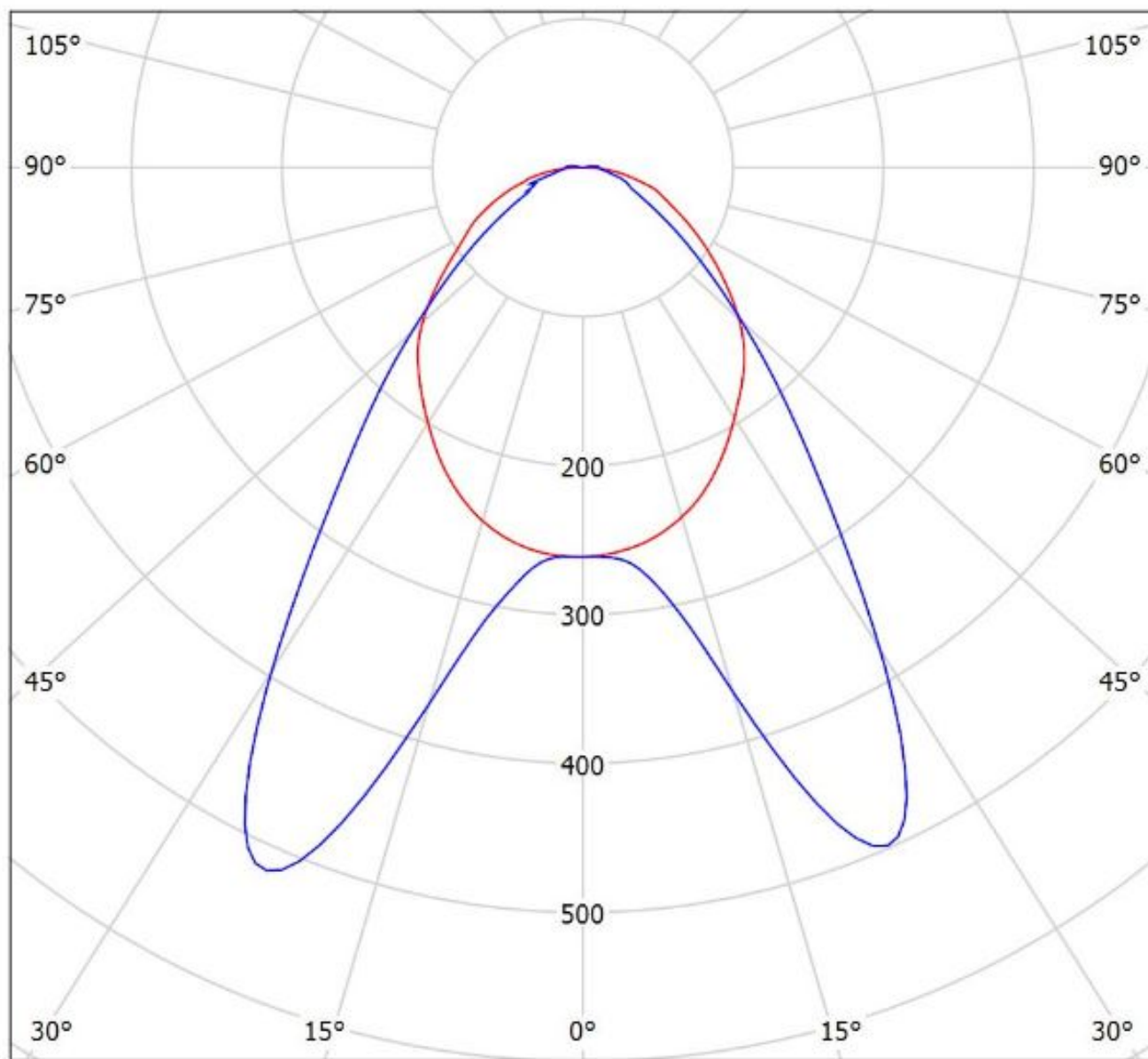


Luminaire: LEDiL Oy F15860_LINNEA-Z2T25_(Duris_S5_1chip)
Lamps: 1 x Osram_Duris_S5_1chip_(GWPSLM31_EM-GUHQ-A535-1)
_359.255lm@65mA_P=2.13817W_U=33.253V



Luminaire: Ledil F15860_LINNEA-Z2T25_(Fortimo_LED_Strip_1ft_1100lm_FC_HV4)

Lamps: 1 x Philips_Fortimo_LED_Strip_1ft_1100lm_930_FC_HV4_735.772lm@250mA_P=5.6145W_U=22.496V



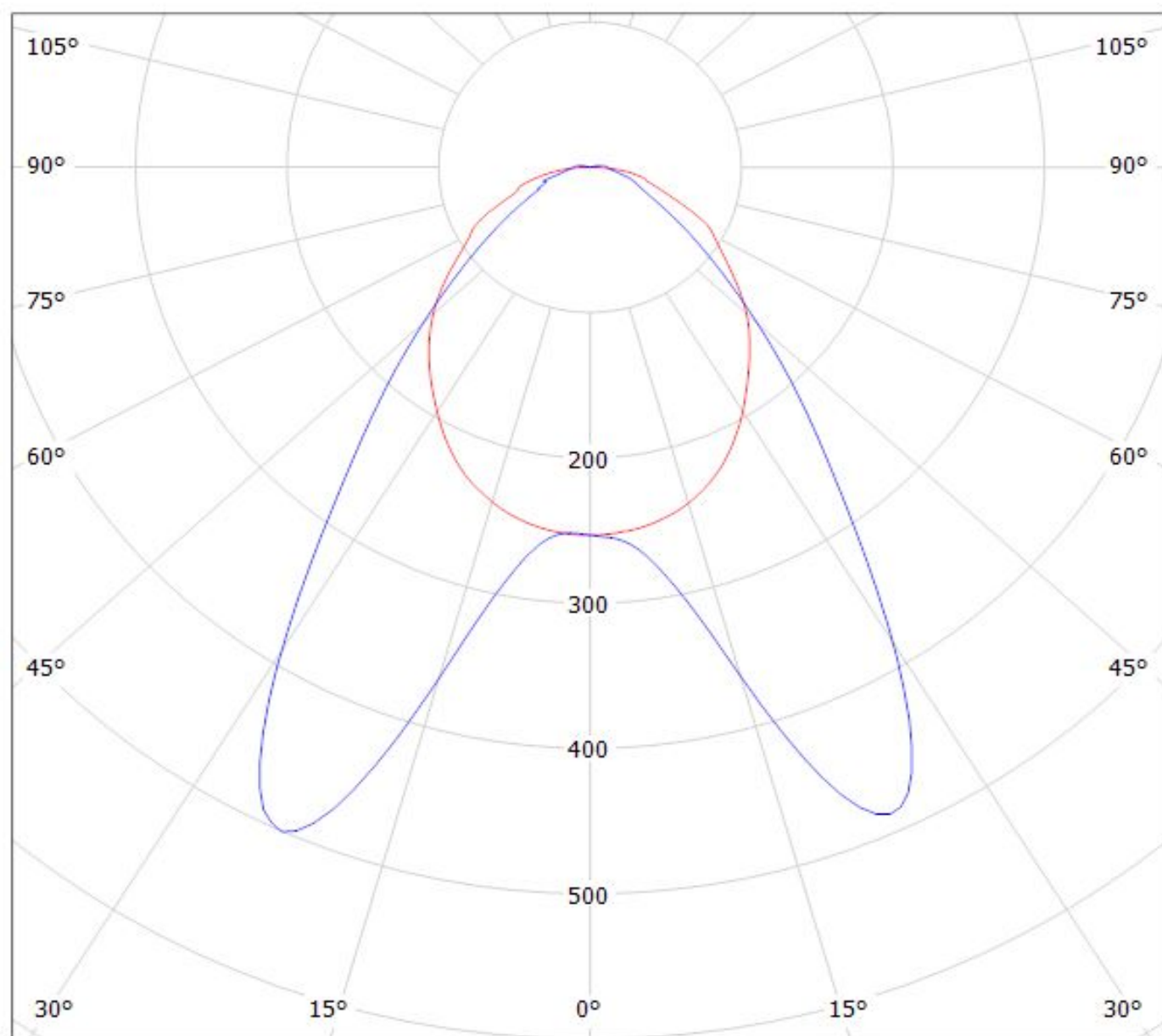
cd/klm

— C0 - C180 — C90 - C270

$\eta = 87\%$

Luminaire: Ledil F15860_LINNEA-Z2T25_(Fortimo_LED_Strip_1ft_650lm_FC_LV4)

Lamps: 1 x Philips_Fortimo_LED_Strip_1ft_650lm_FC_LV4_994.849lm@190mA_P=6.82273W_U=35.990V



cd/klm

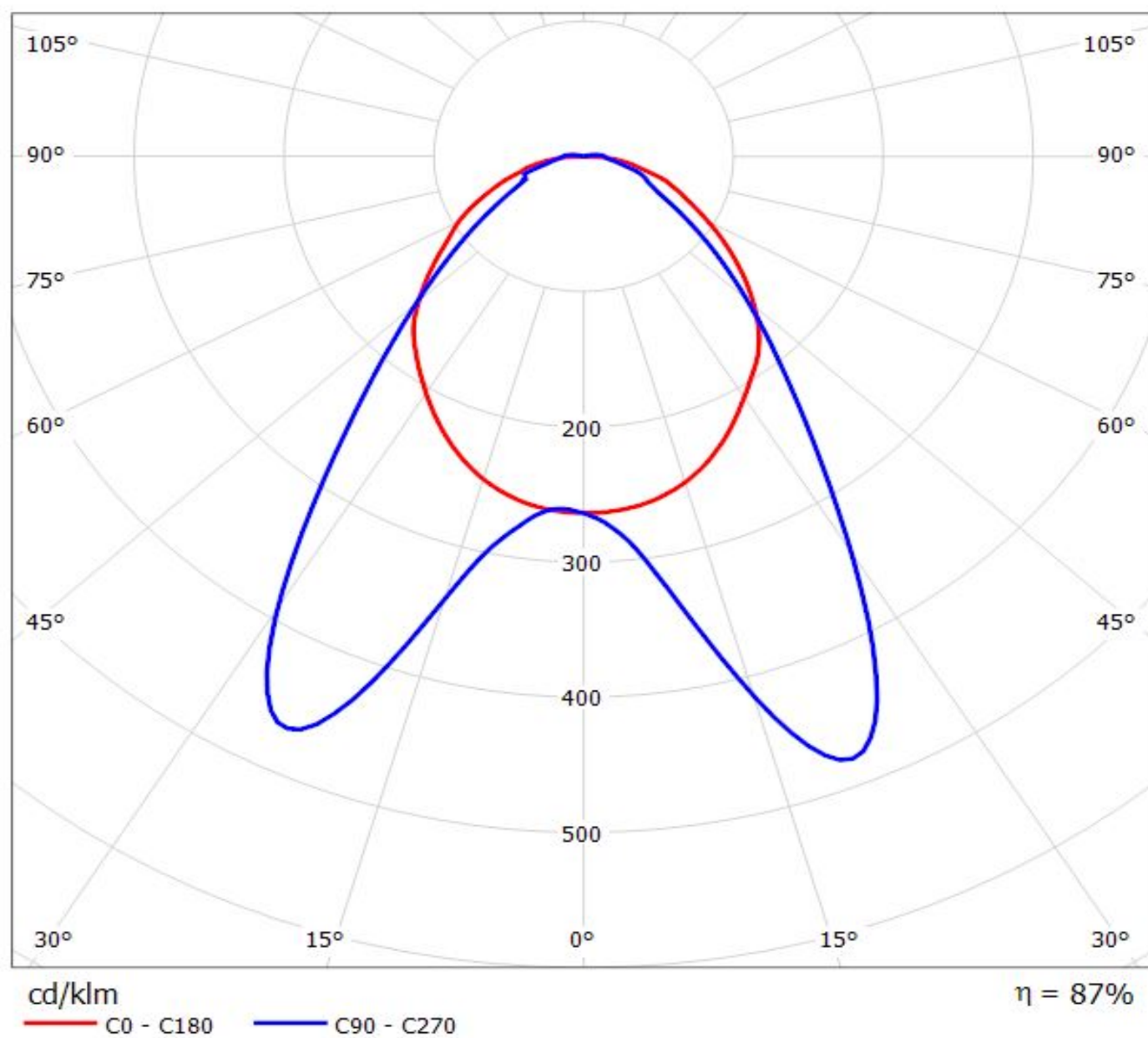
$\eta = 86\%$

— C0 - C180

— C90 - C270

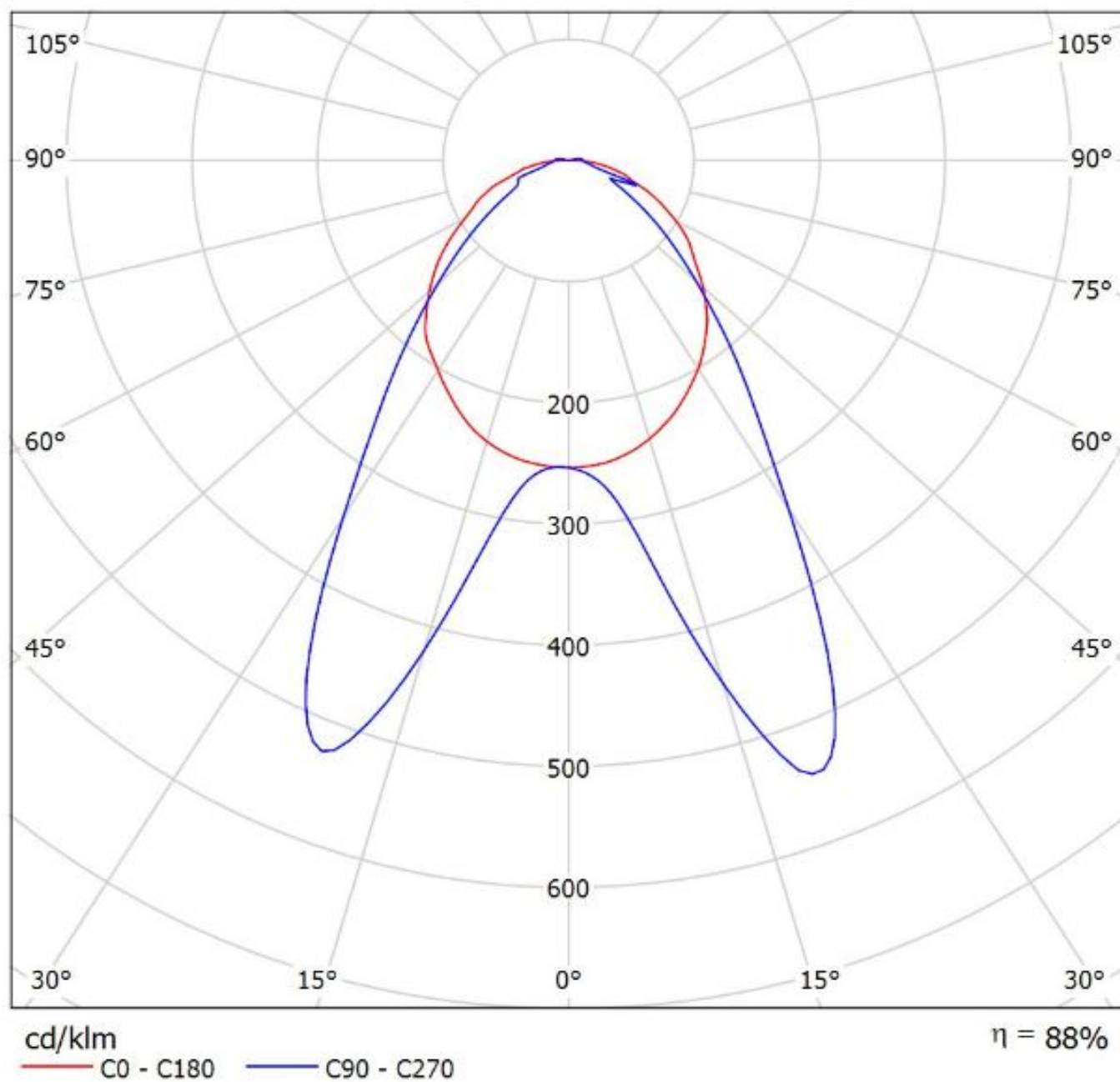
Luminaire: Ledil F15860_LINNEA-Z2T25_(LM561B+)_Cav2

Lamps: 1 x Samsung_LM561B+_1370.96lm@250mA_P=9.12885W_I=0.25A



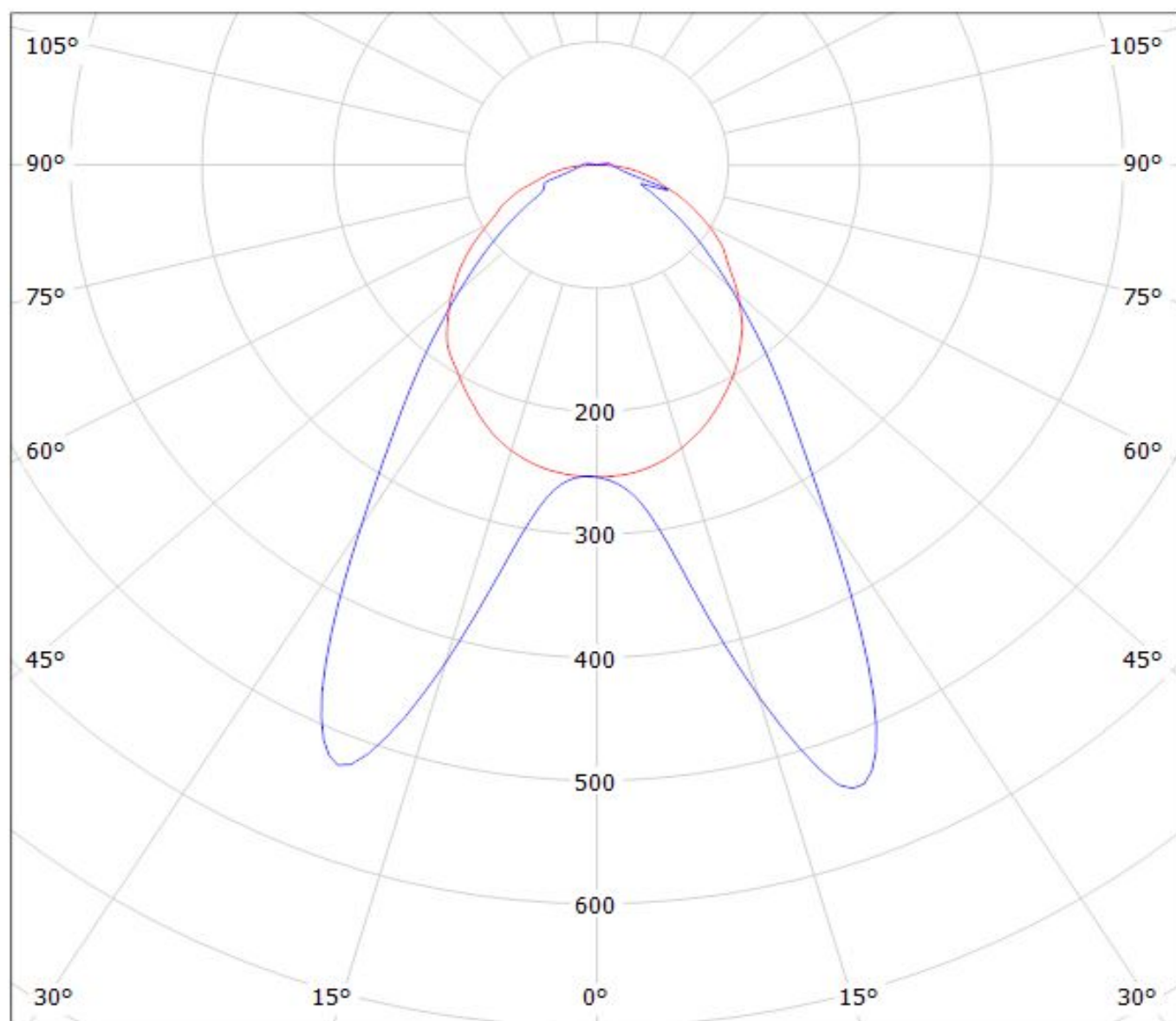
Luminaire: Ledil F15860 LINNEA-Z2T25_(LT-V282E)

Lamps: 1 x Samsung_LT-V282E_(LM281B)_1072.13lm@300mA_CCT=4000K_P=7.1427W_I=0.30A



Luminaire: Ledil F15860_LINNEA-Z2T25_(LT-V562E)

Lamps: 1 x Samsung_LT-V562E_(LM281B)_2144.6lm@300mA_CCT=4000K_P=14.2854W_I=0.30A



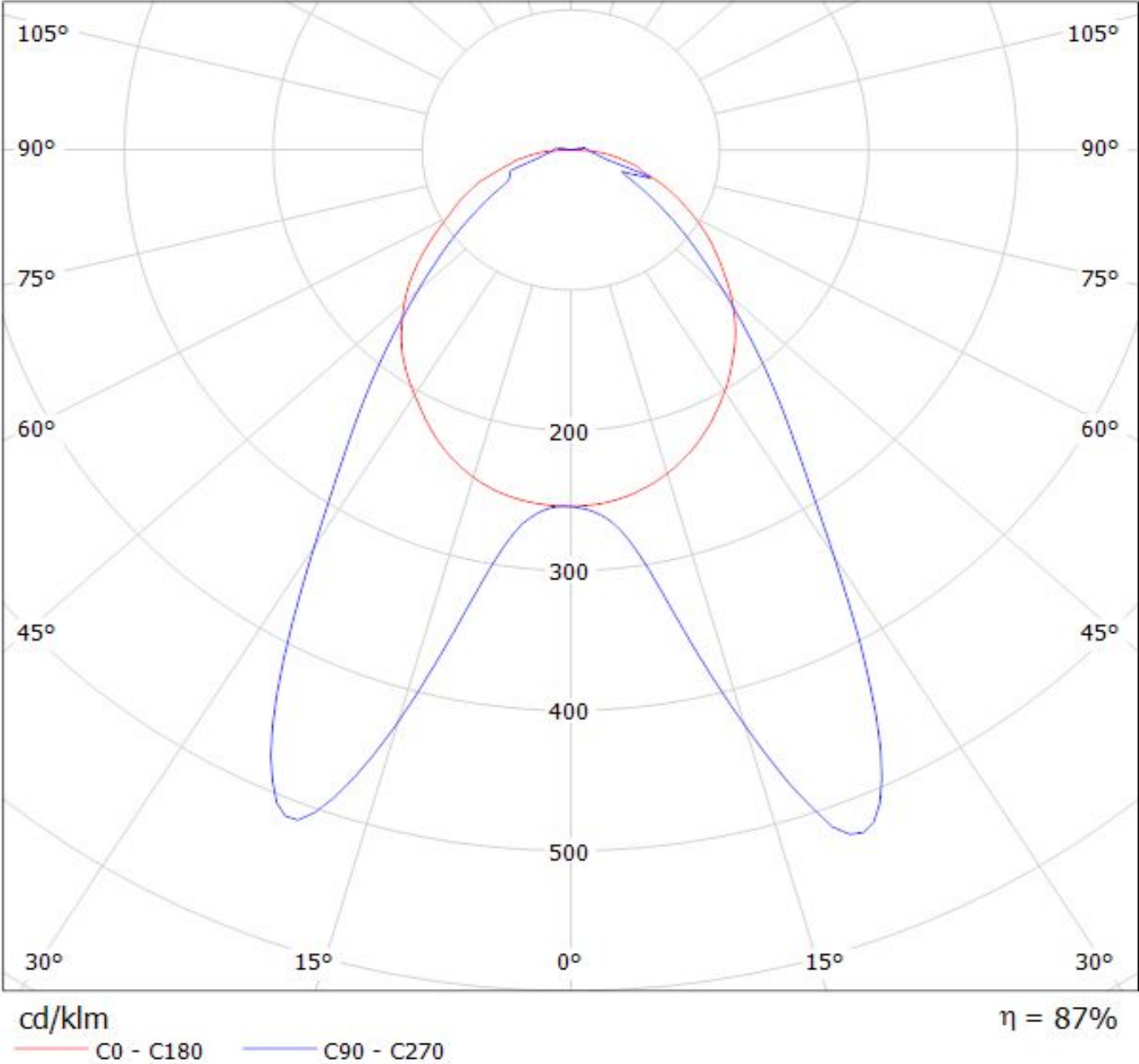
cd/klm

$\eta = 88\%$

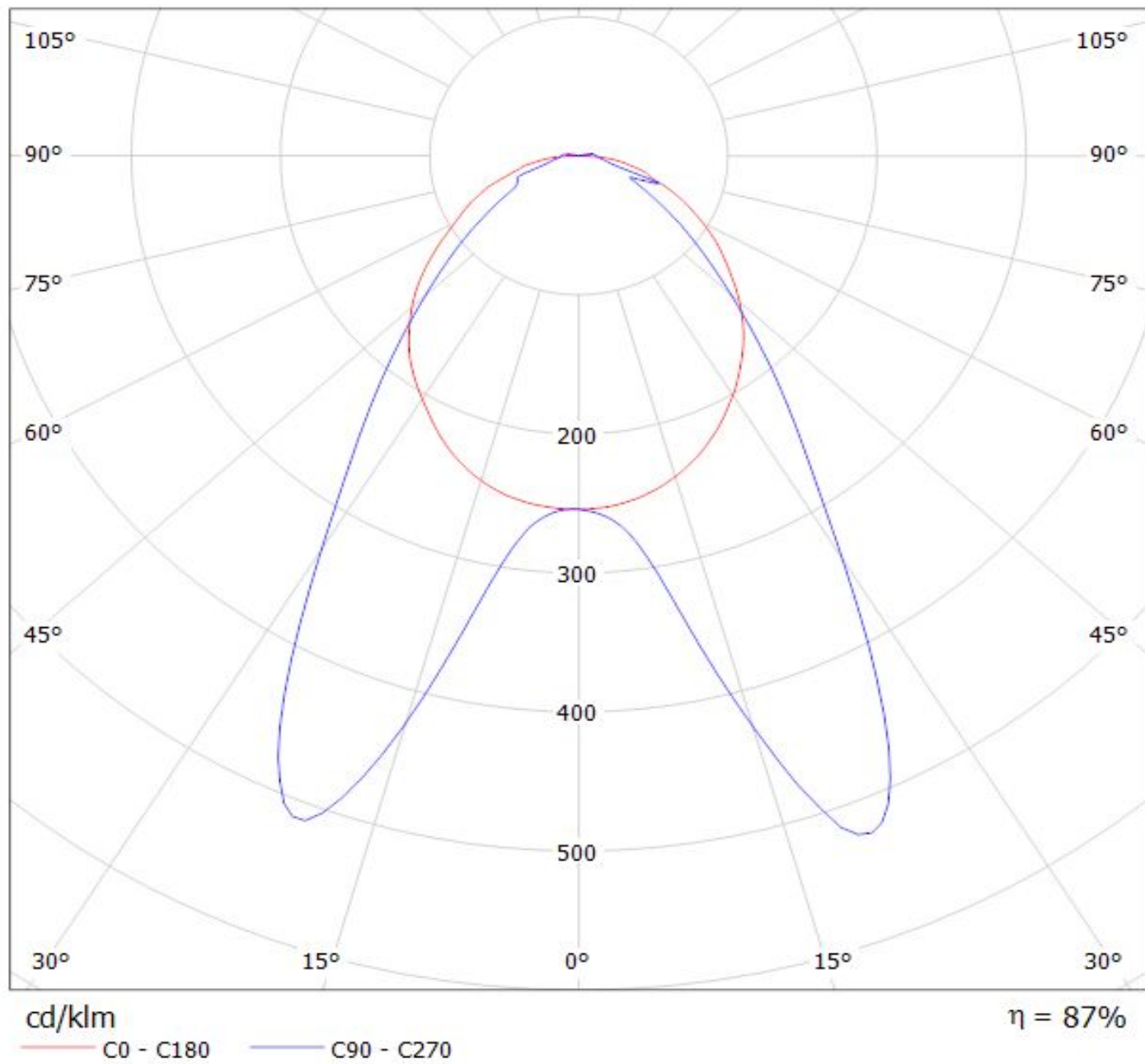
— C0 - C180

— C90 - C270

Luminaire: Ledil F15860_LINNEA-Z2T25_(LT-H282C)
Lamps: 1 x Samsung_LT-H282C_(LM561C)_997.05lm@240mA_CCT=4000K_P=5.43445W_I=0.240A

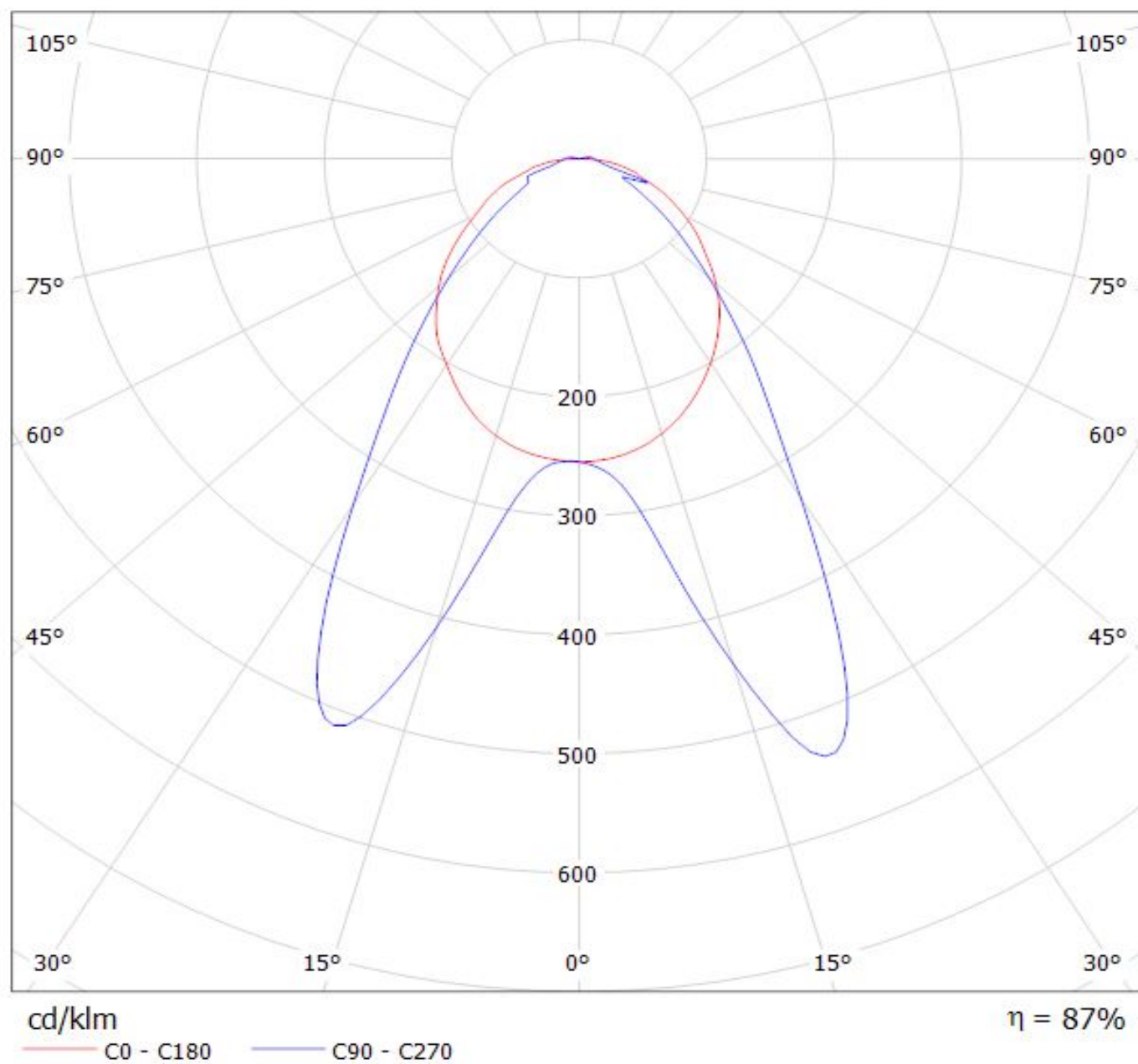


Luminaire: Ledil F15860_LINNEA-Z2T25_(LT-H562C)
Lamps: 1 x Samsung_LT-H562C_(LM561C)_1994.1lm@240mA_CCT=4000K_P=10.8689W_I=0.240A



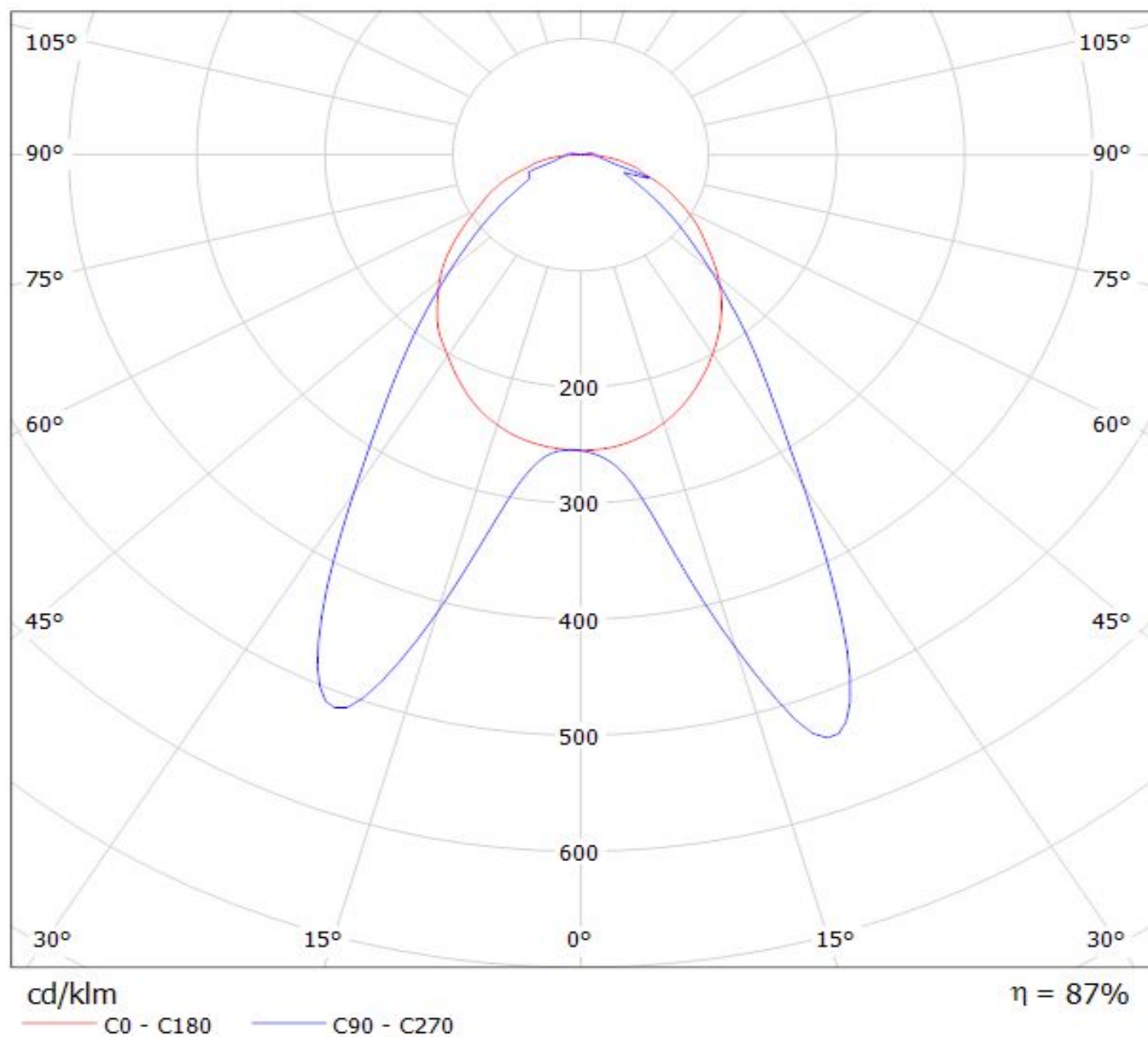
Luminaire: Ledil F15860_LINNEA-Z2T25_(LT-S282H)

Lamps: 1 x Samsung_LT-S282H_(LM561B+)_1143.31lm@300mA_P=7.2W_I=0.30A



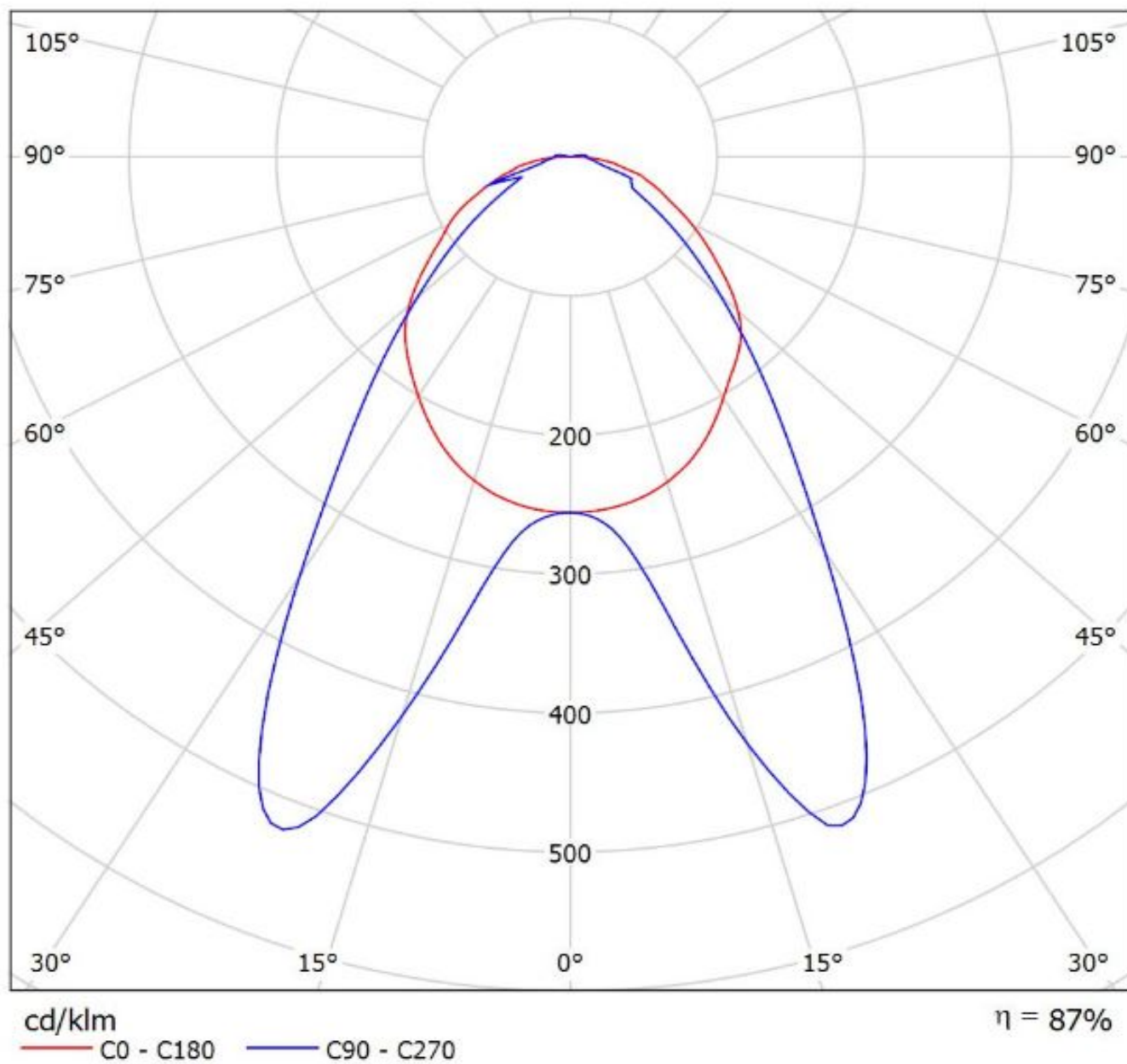
Luminaire: Ledil F15860_LINNEA-Z2T25_(LT-S562H)

Lamps: 1 x Samsung_LT-S562H_(LM561B+)_2286.62lm@300mA_P=14.4W_I=0.30A



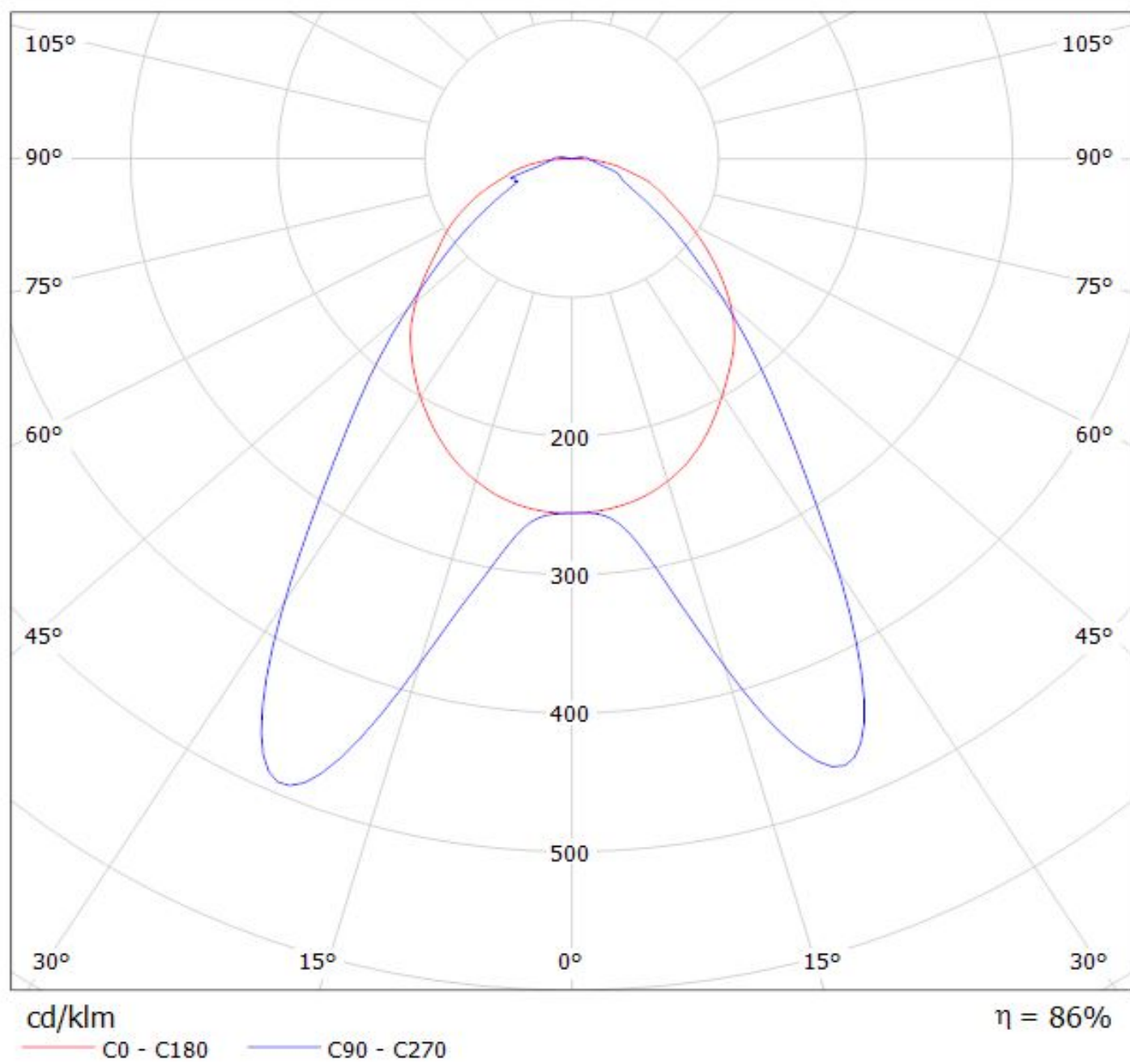
Luminaire: Ledil F15860_LINNEA-Z2T25_(LT-Q282B)

Lamps: 1 x Samsung_LT-Q282B_(LM301B_SI-B8T053280EU)_943.526lm@180mA_P=4.99618W_U=27.805V



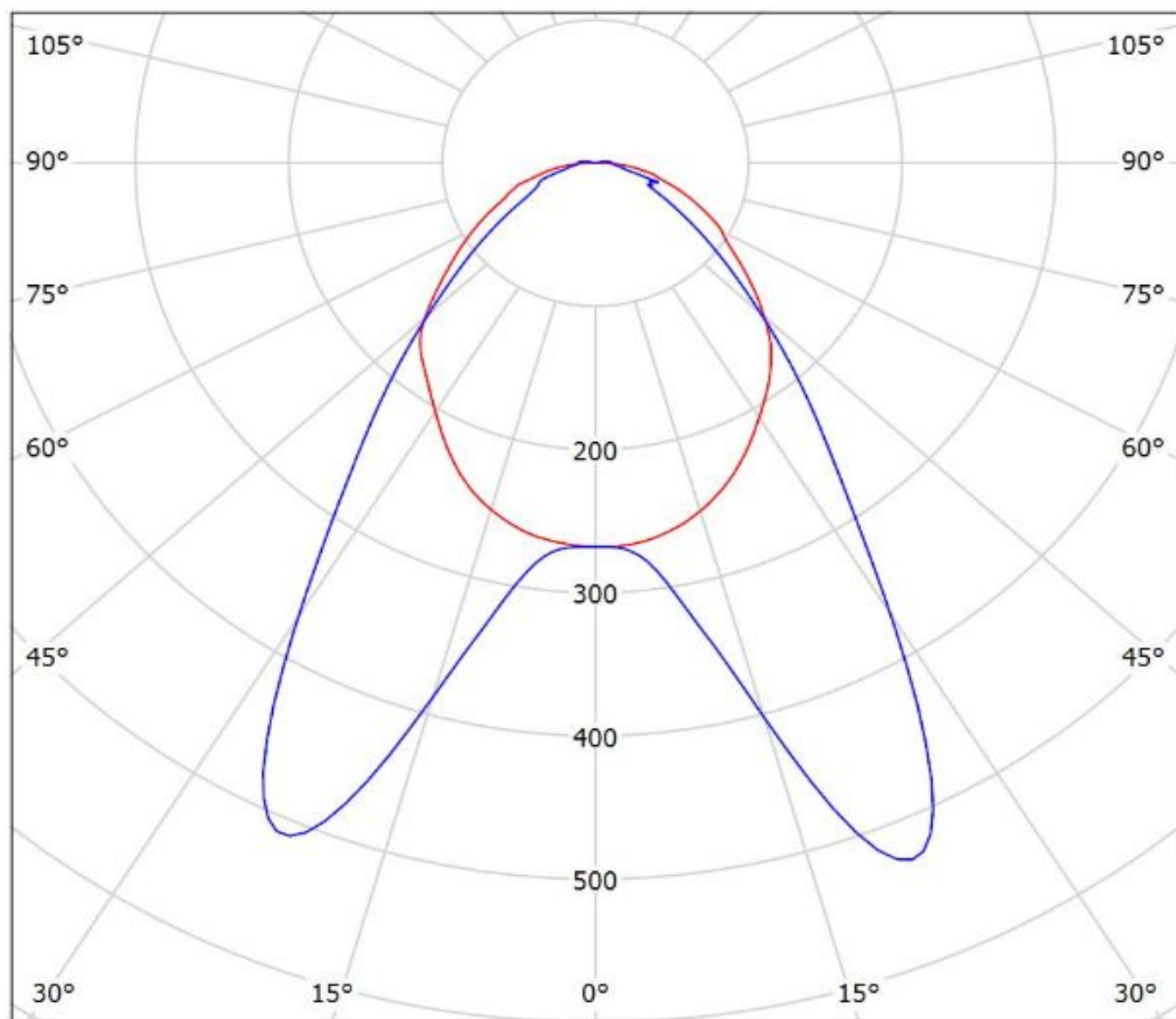
Luminaire: LEDiL Oy F15860_LINNEA-Z2T25_(Seoul_semi_5630D)

Lamps: 1 x Seoul_Semi_5630D_932.657lm@250mA_P=5.68145W_I=0.250A



Luminaire: Ledil F15861_LINNEA-ZT25_(SunLike_3030)

Lamps: 1 x SEOUL_SunLike_3030_(STW9C2PB-S)_240.112lm@0.65mA_P=2.30512W_U=35.526V



cd/klm

— C0 - C180

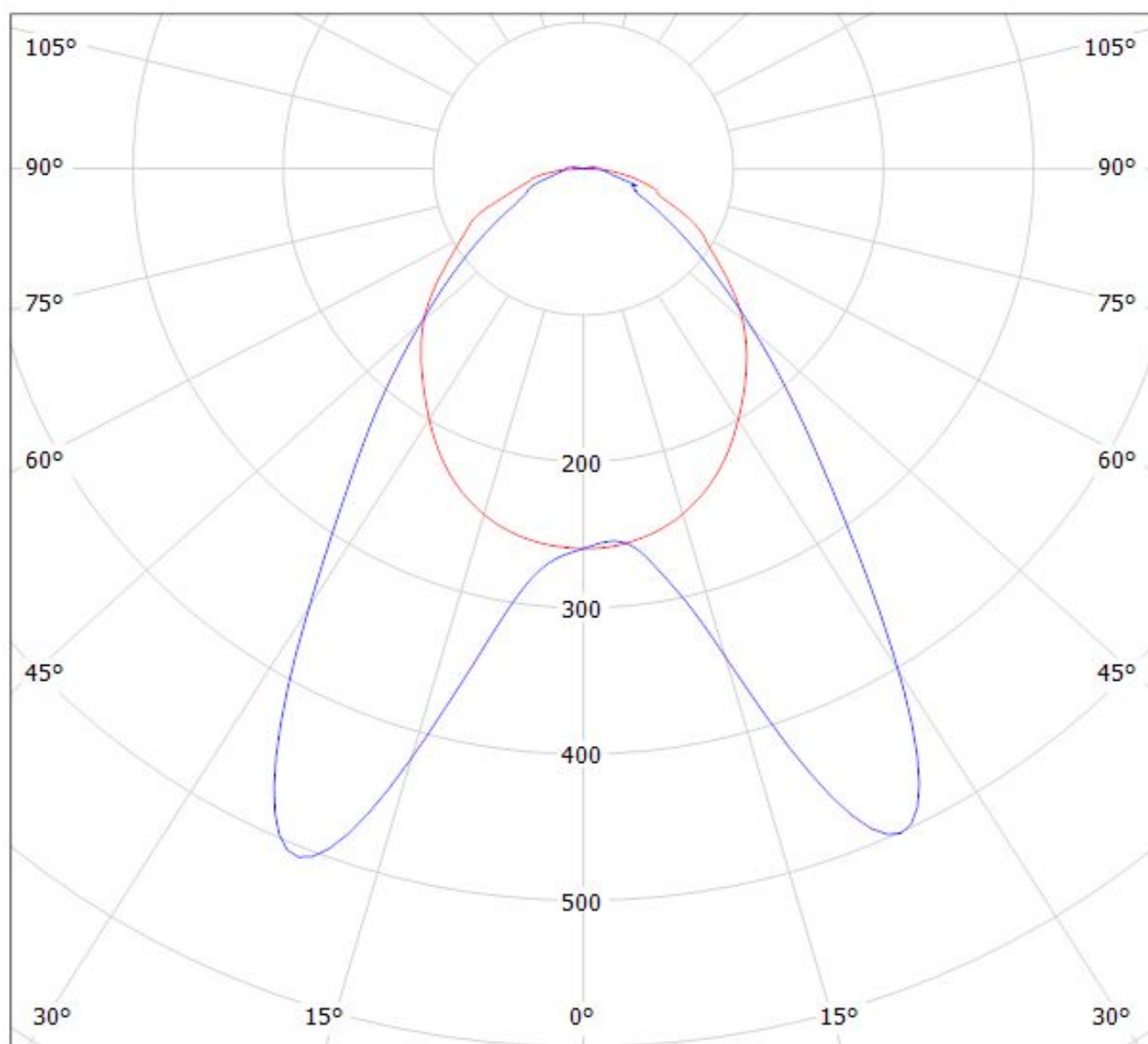
— C90 - C270

$\eta = 88\%$

Luminaire: LEDiL Oy F15860_LINNEA-Z2T25_(LLE_G4_24x280mm_650lm_840_2T_ADV)

Lamps: 1 x

Tridonic_LLE_G4_24x280mm_650lm_840_2T_ADV_485.133lm@250mA_CCT=4000K_P=2.81774W_U=11.279V



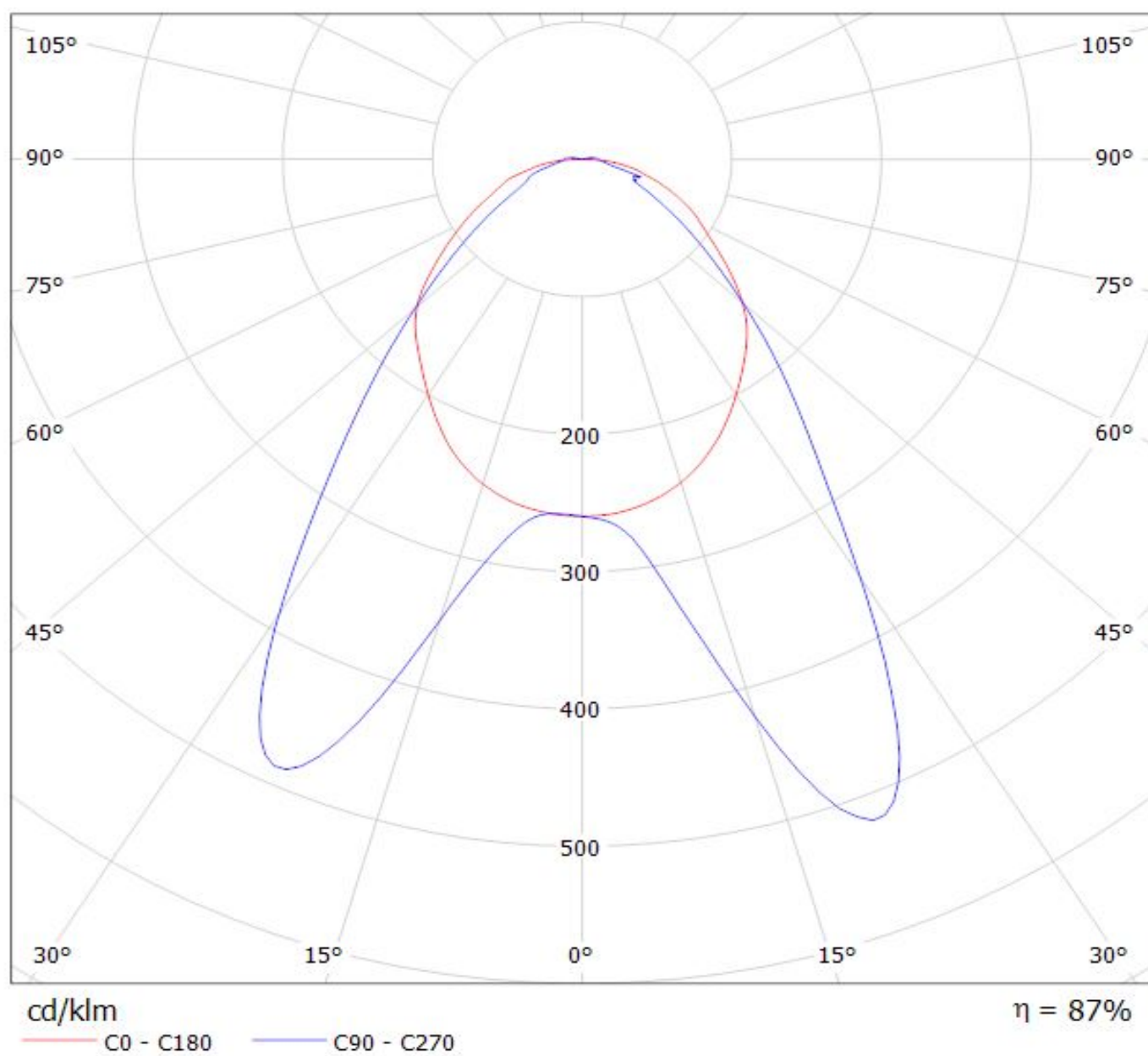
cd/klm

η = 88%

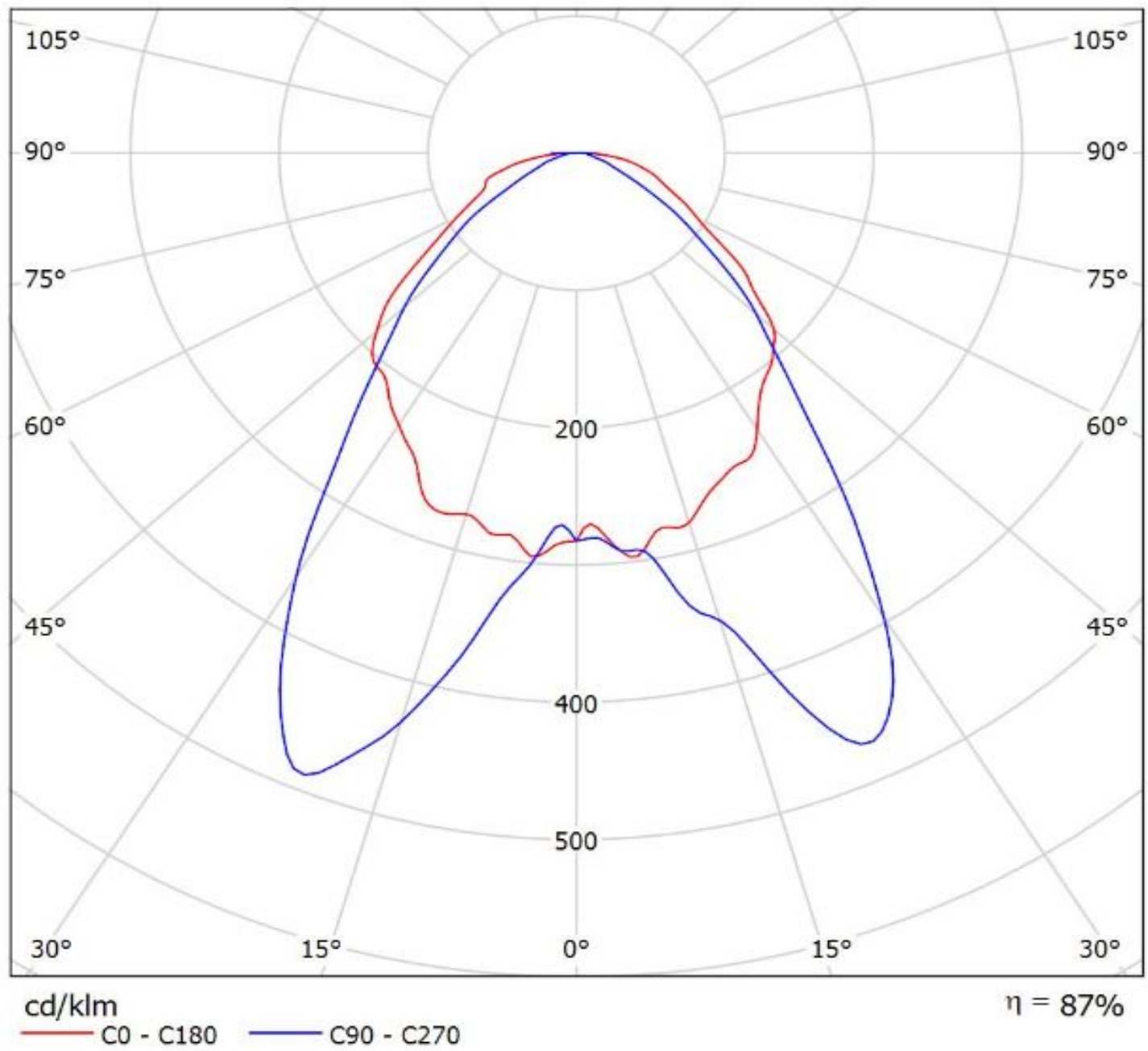
— C0 - C180

— C90 - C270

Luminaire: Ledil F15860_LINNEA-Z2T25_(LLE_G4_24x280mm_1250lm_840_4T_ADV)
Lamps: 1 x Tridonic_(LLE_G4_24x280mm_1250lm_840_4T_ADV)
_966.809lm@250mA_CCT=4000K_P=5.629W_U=22.525V

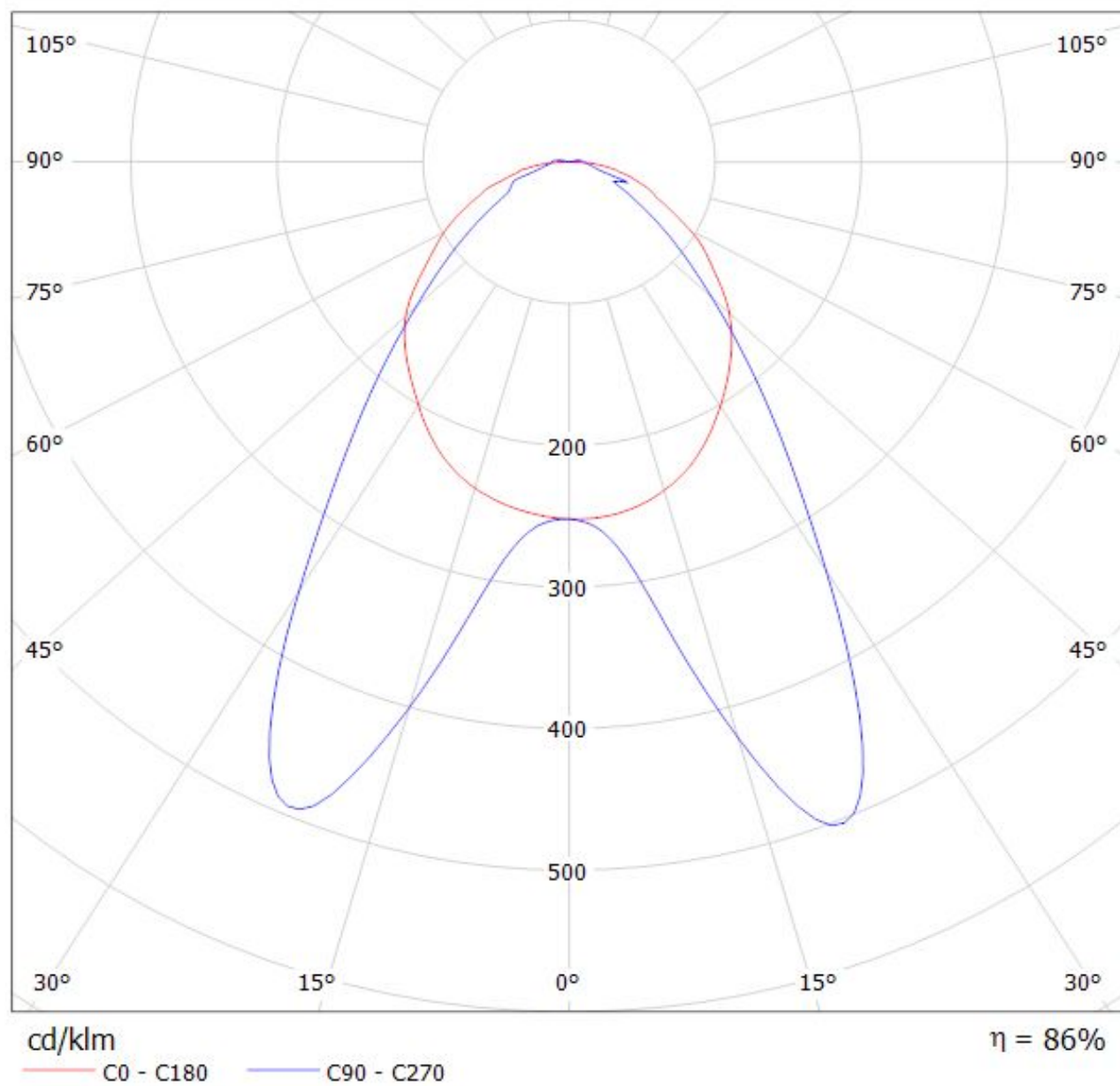


Luminaire: Ledil Oy F15860_LINNEA-Z2T25_(LLE G4 24x280mm 2000lm ADV)_SIMULATED
Lamps: 1 x Tridonic LLE G4 24x280mm 2000lm ADV



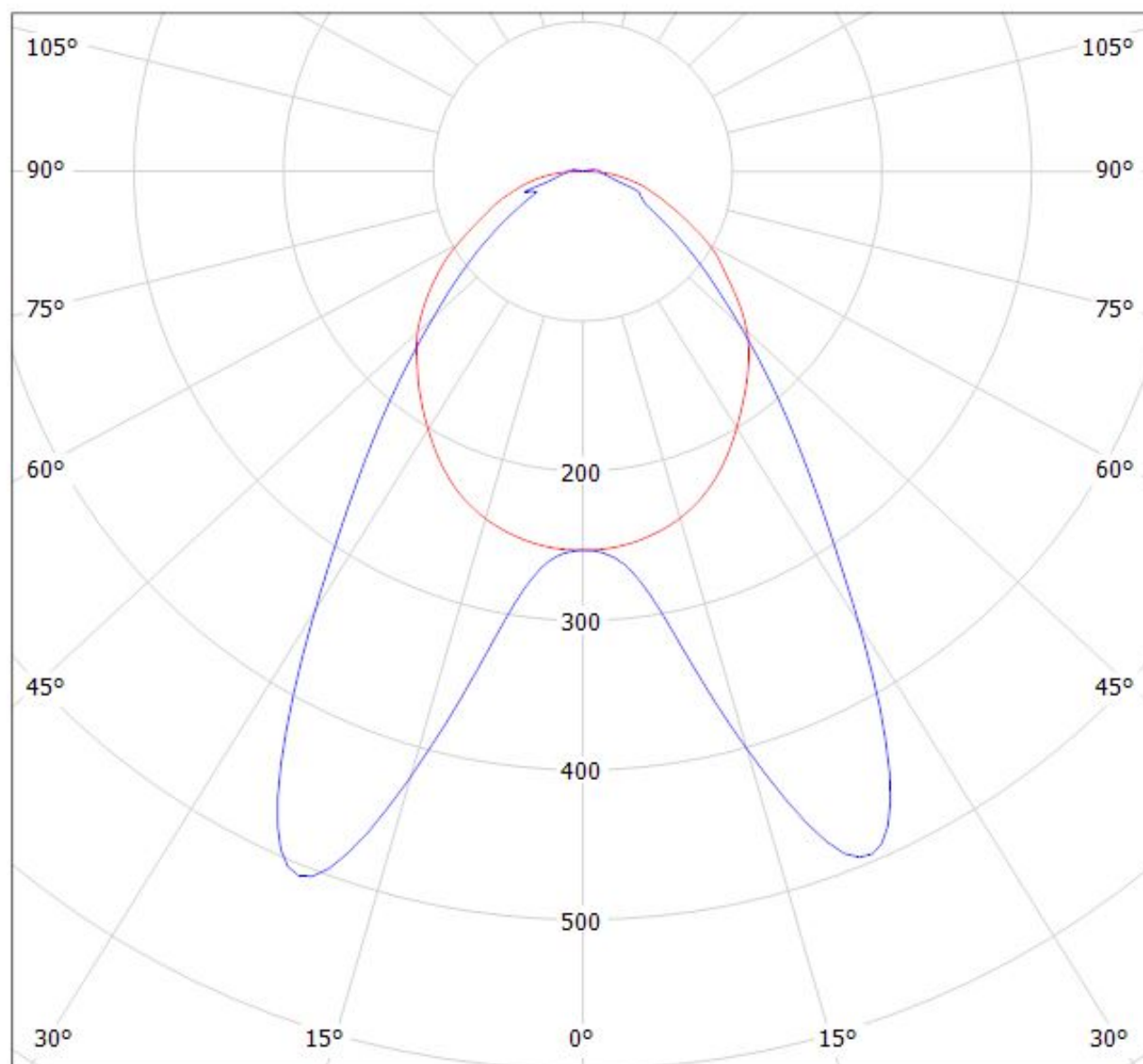
Luminaire: LEDiL Oy F15860_LINNEA-Z2T25_(CALOSNU405-M7W1)

Lamps: 1 x ARRANT_LIGHT_CALOSNU405-M7W1_494.124lm@250mA_CCT=4000K_P=2.74955W_U=11.007V



Luminaire: Ledil F15860_LINNEA-Z2T25_(CALOSNU410-M7W1)

Lamps: 1 x ARRANT_LIGHT_CALOSNU410-M7W1_499.378lm@250mA_CCT=4000K_P=2.70242W_U=10.814V



cd/klm

— C0 - C180

— C90 - C270

$\eta = 86\%$

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.