

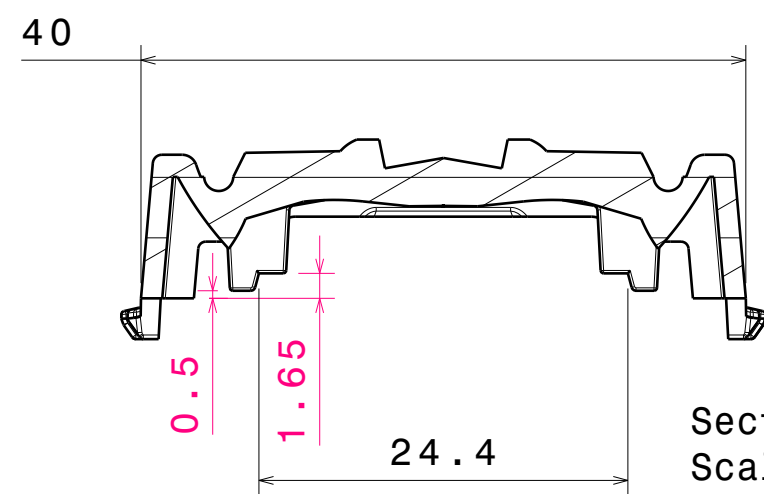
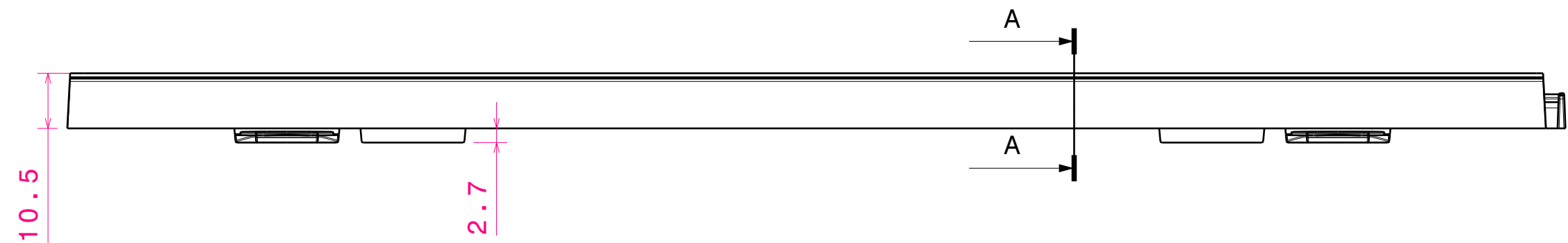
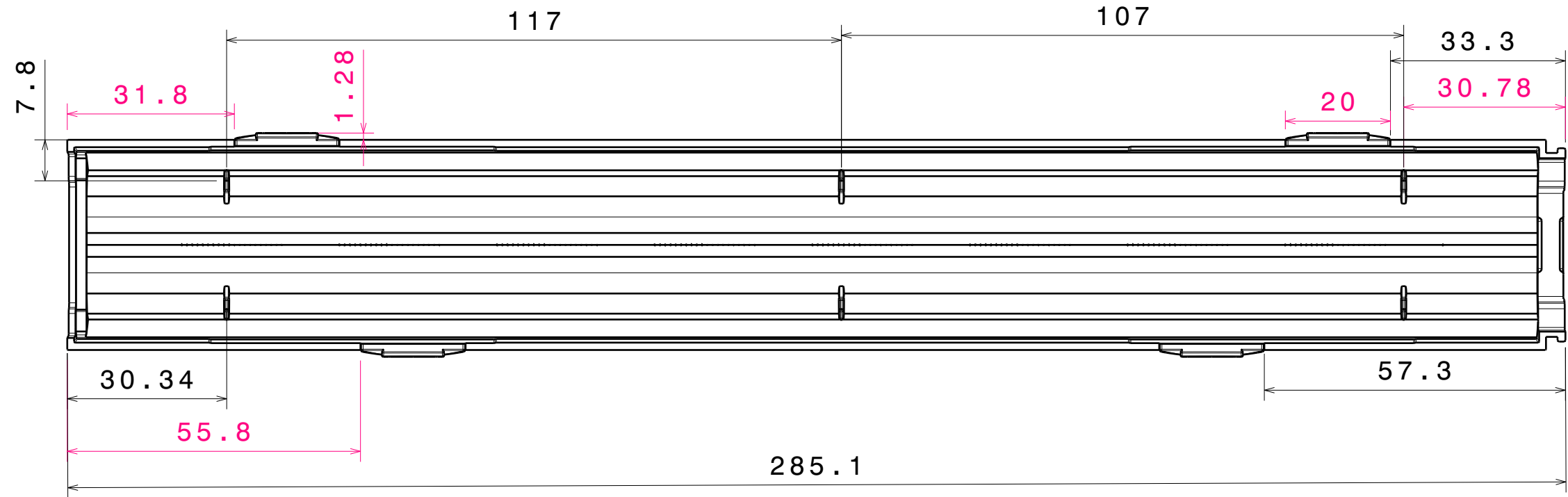
DETAILS

Product Number	F15952_LINNEA-O-B
Family	Linnea
Type	Lens
Color	clear
Diameter	280x40 mm
Height	12 mm
Style	rectang
Optic Material	PC
Holder Material	
Fastening	
Status	production ready
ROHS Compliant	Yes
Date Updated	25/01/2018

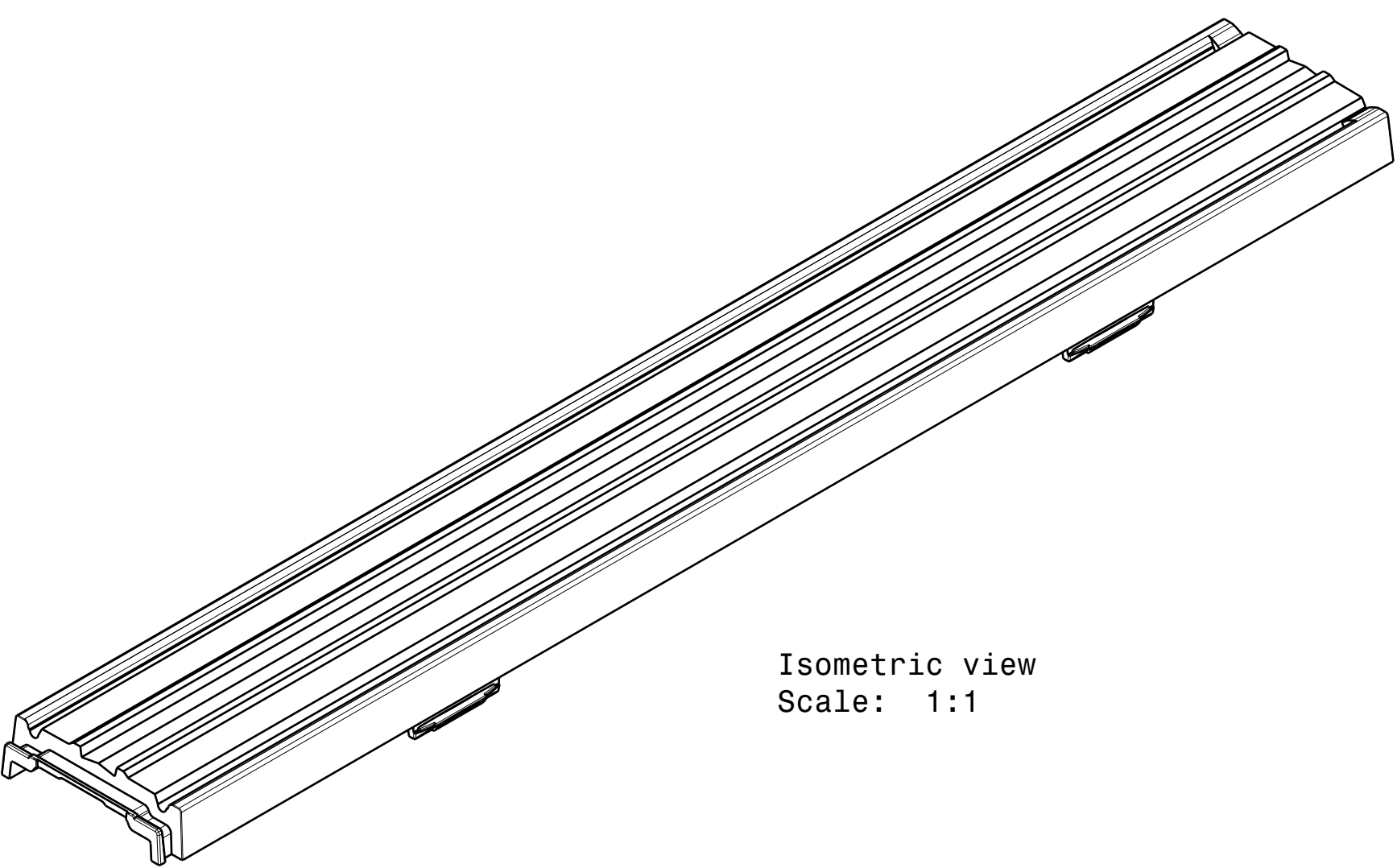
OPTICAL PROPERTIES

LED	Viewing Angle	Light Beam	Effi- ciency	cd/lm	Connector
XP-E	90+35 deg		81 %	0.720	-
NFSx757G	87+38 deg		81 %	0.700	-
PrevaLED Linear Slim 3 (2000lm)	91+38 deg		82 %	0.710	-
Duris S5 (2 chip)	90+38 deg		83 %	0.710	-
Duris S5 (Single chip)	91+38 deg		85 %	0.720	-
Fortimo LED Strip 1ft 1100lm FC HV4 & L V4	92+40 deg		83 %	0.690	-
Fortimo LED Strip 1ft 650lm FC HV4 & L V4	92+40 deg		83 %	0.690	-
LM561B Plus	35+70 deg		81 %	0.820	-
LT-V282E	87+33 deg		83 %	0.770	-
LT-V562E	87+33 deg		83 %	0.770	-
LT-H282C	88+33 deg		83 %	0.770	-
LT-H562C	88+33 deg		83 %	0.770	-
LT-S282H	87+33 deg		83 %	0.770	-
LT-S562H	87+33 deg		83 %	0.770	-
LT-Q282B	86+33 deg		83 %	0.800	-
SunLike 3030	89+37 deg		84 %	0.740	-
LLE G4 24x280mm 2000lm ADV	88+40 deg		83 %	0.690	-
LLE G4 24x280mm 650lm	90+39 deg		84 %	0.700	-
LLE G4 24x280mm 1250lm	89+38 deg		83 %	0.720	-





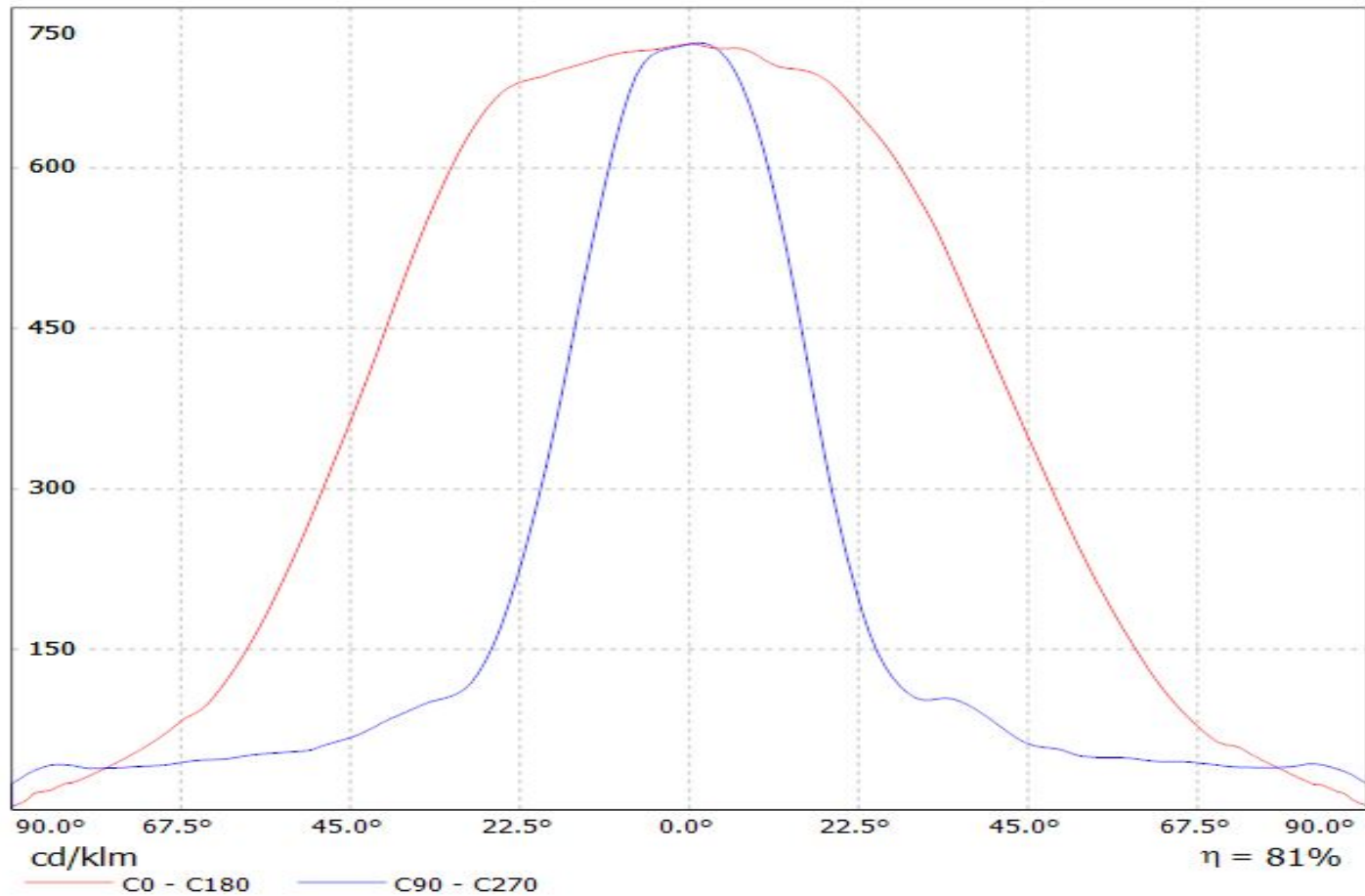
Section view A-A
Scale: 2:1



Isometric view
Scale: 1:1

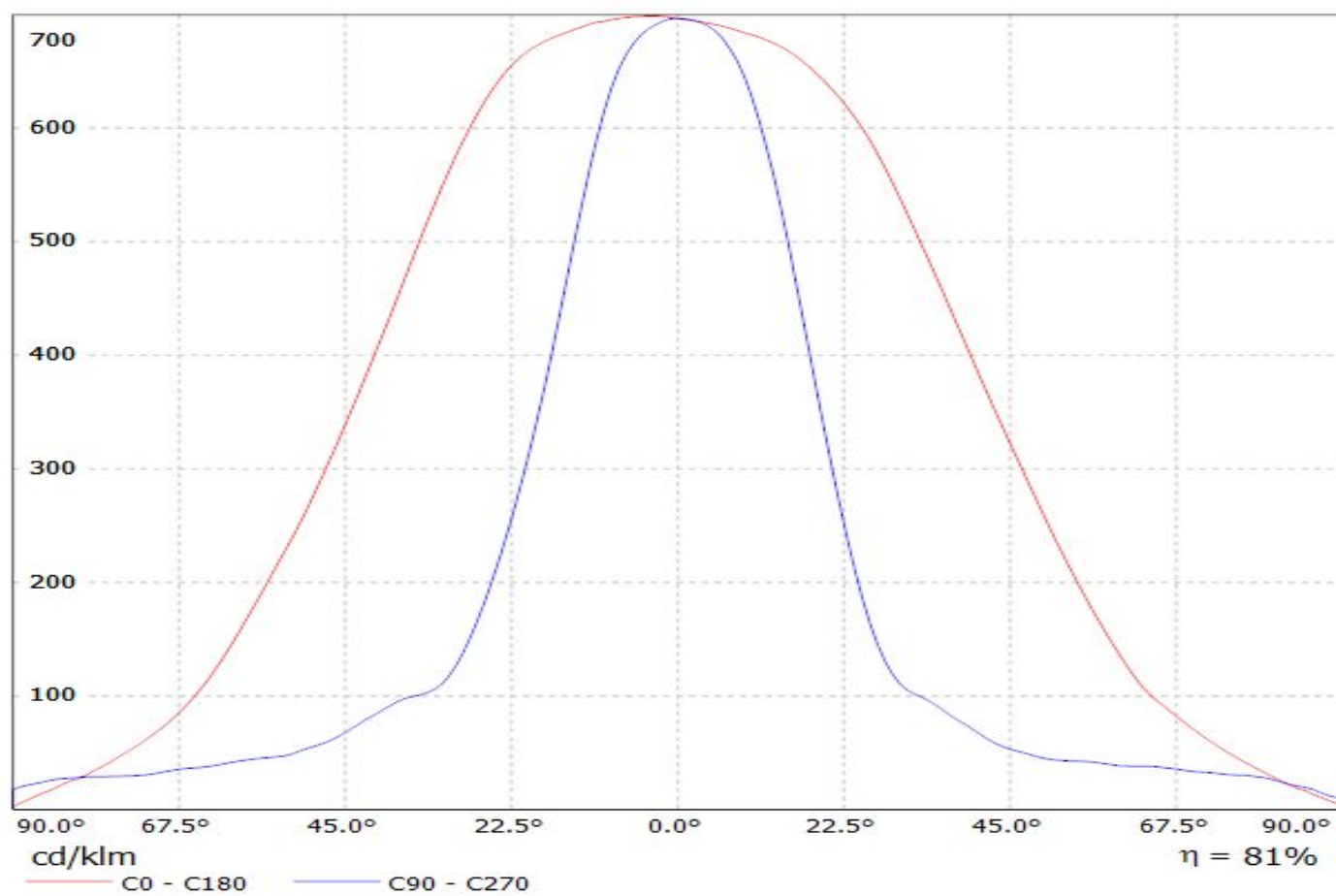
INDEX		PART NO	DESCRIPTION	MATERIAL	COLOUR
1		F15952	LINNEA-0-B	PC Lexan 123R	clear
Tolerances if not otherwise shown According to DIN ISO 2768-1 Linear measures: Up to 30mm class M, otherwise class C. According to DIN ISO 2768-2 Form and position: class L THIRD ANGLE PROJECTION: This drawing is the property of LEDiL Oy. It may not be reproduced, copied or communicated without a written agreement with LEDiL Oy.		LEDiL Ledil Oy Salorankatu 10 FIN 24240 SALO Finland			
		DRAWING TITLE F15952_LINNEA-0-B			
		SIZE A2	PART NUMBER F15952		
		SCALE 1:1	WEIGHT -		SHEET 1/1

Luminaire: LEDiL Oy F15952_LINNEA-O-B_(XP-E)
Lamps: 1 x Cree_XP-E_x12_(XPEWHT-L1-3C0-Q5-0-00)_920.665lm@250mA_P=9.07548W_U=36.329V

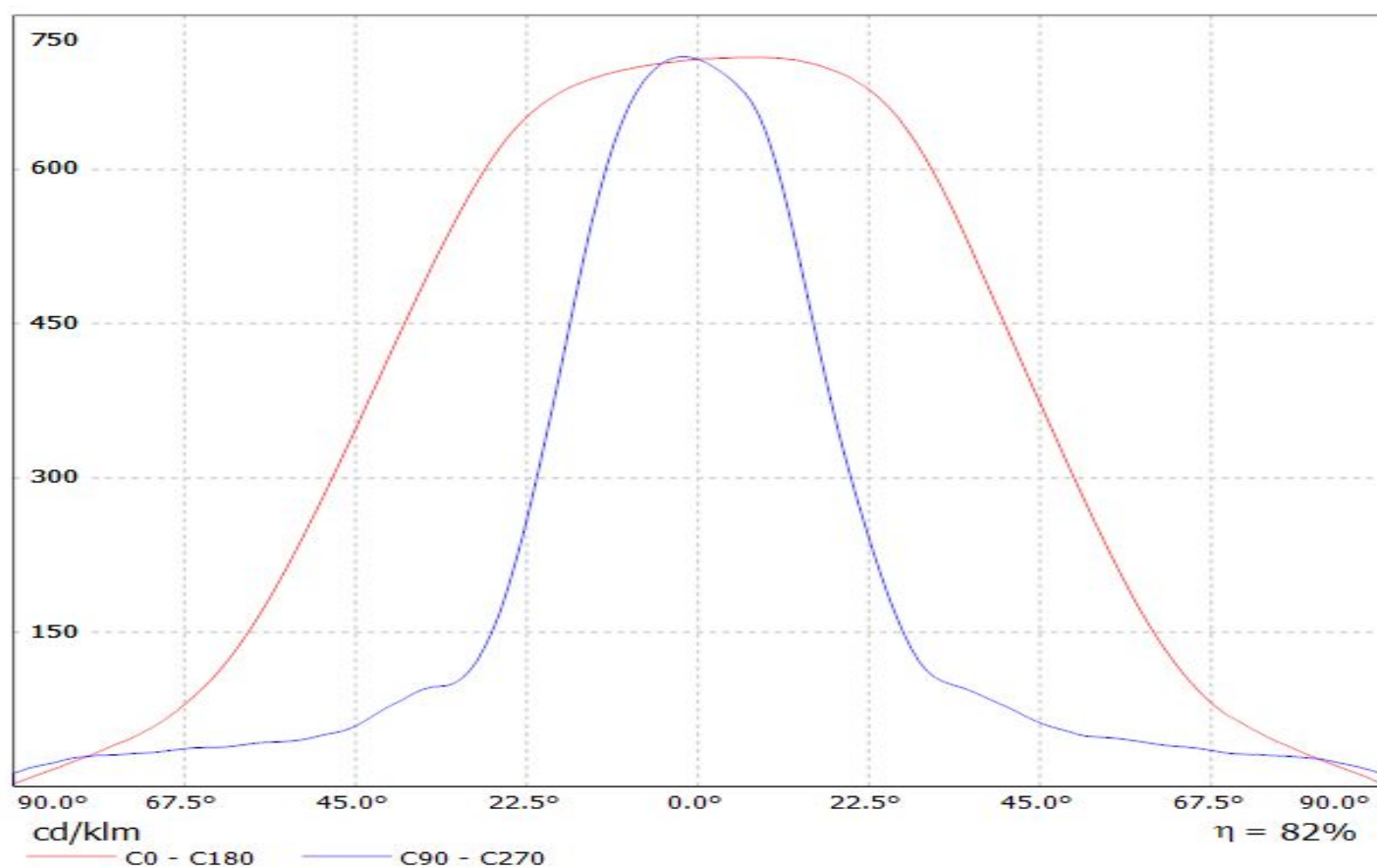


Luminaire: LEDiL Oy F15952 LINNEA-O-B_(NFSx757G)

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

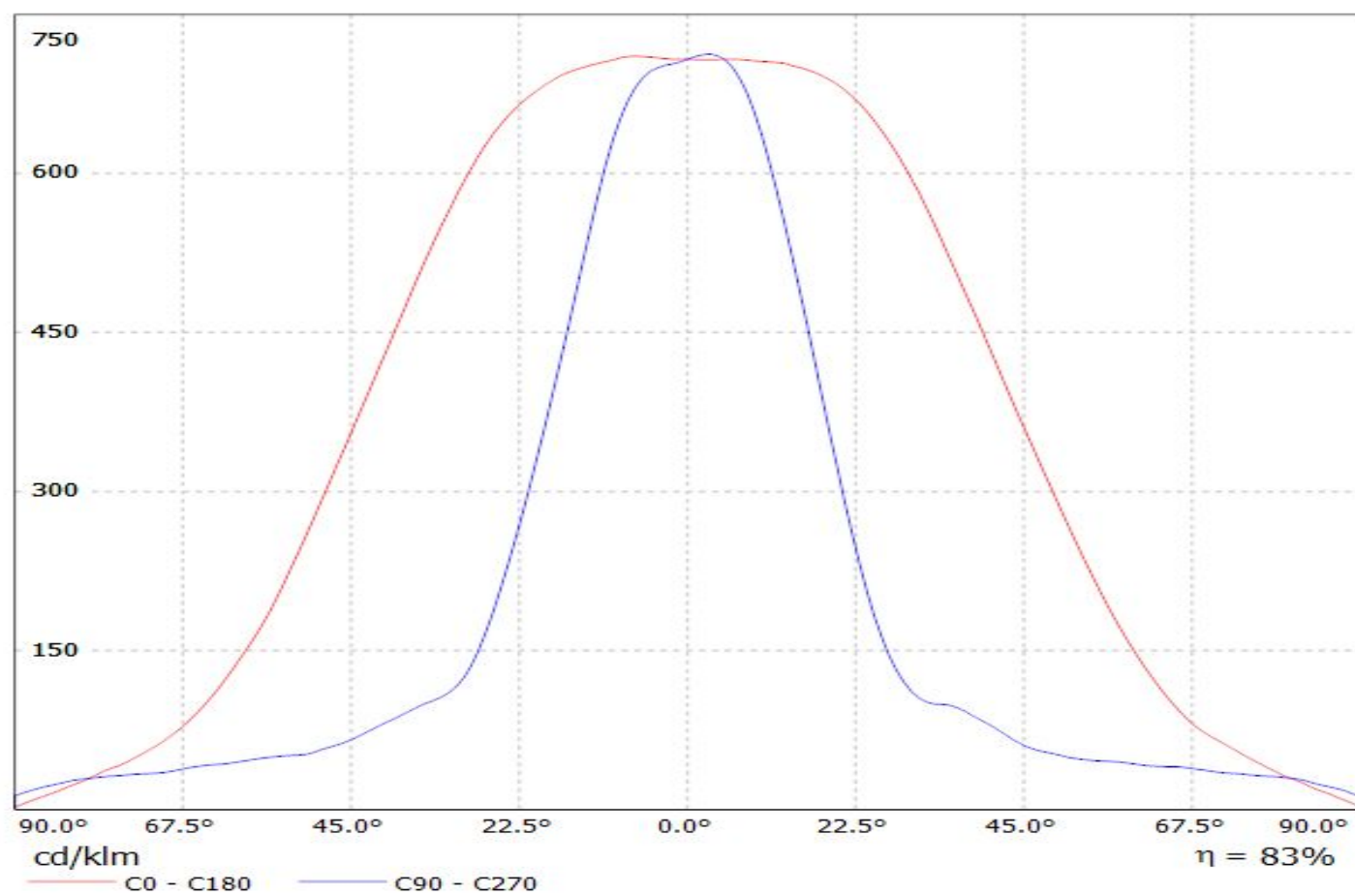


Luminaire: Ledil F15952_LINNEA-O-B_(Prevaled_Linear_Slim_3)
Lamps: 1 x Osram_Prevaled_Linear_Slim_3_(PL-LIN S-Z3-2000-840-280)
_1949.14lm@300mA_CCT=4000K_P=12.0015W_U=40.179V

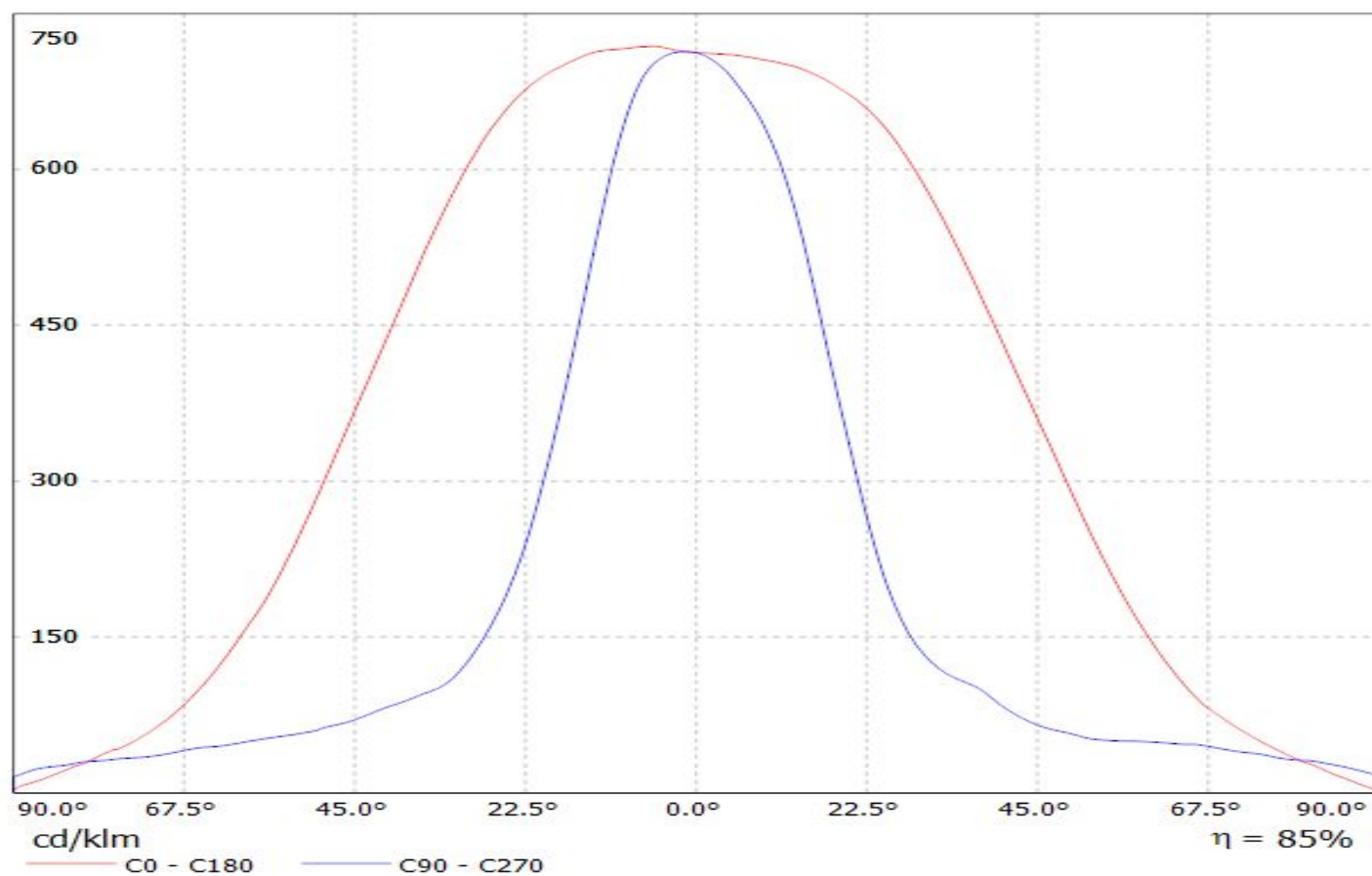


Luminaire: Ledil F15952_LINNEA-O-B_(Duris_S5)

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

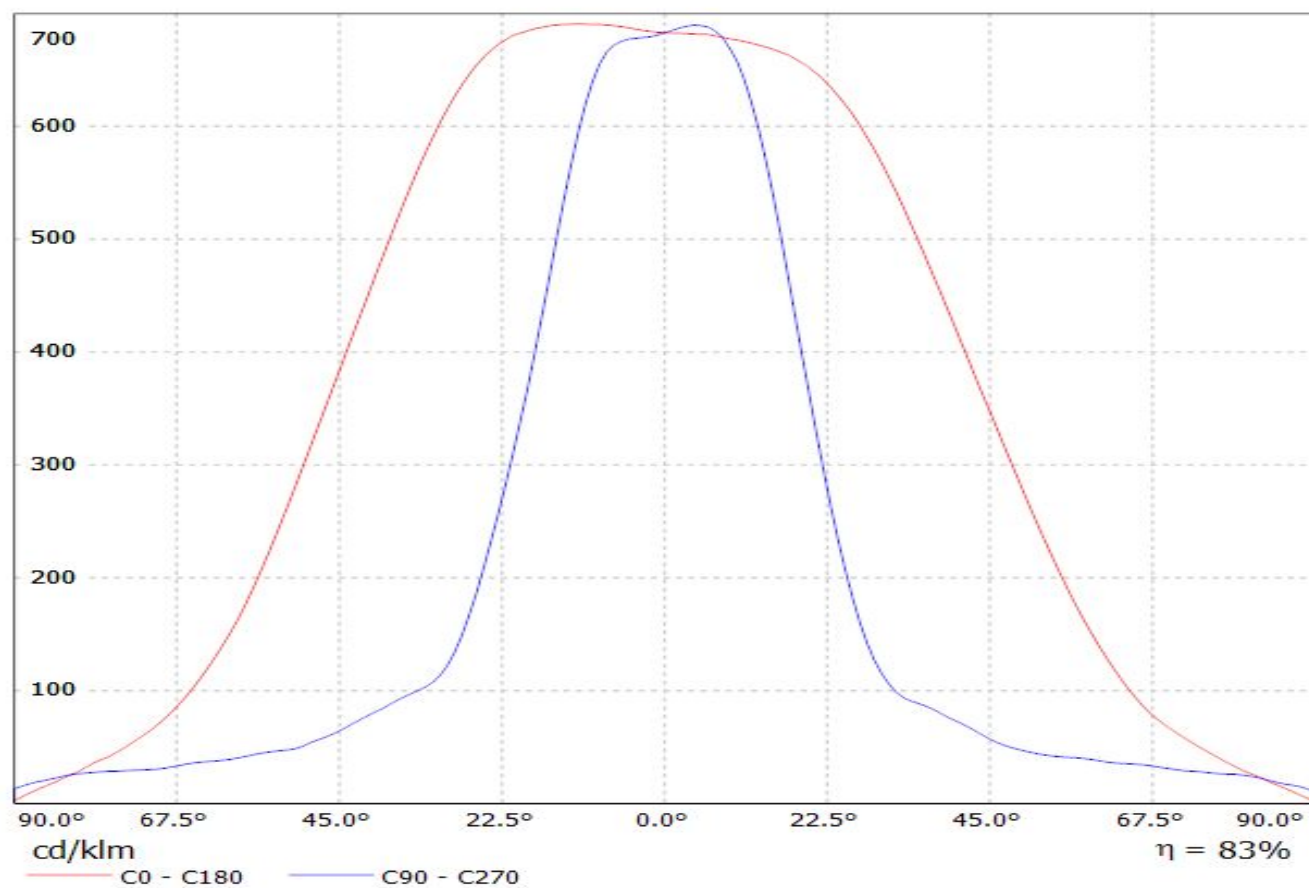


Luminaire: LEDiL Oy F15952_LINNEA-O-B_(Duris_S5_1chip)
Lamps: 1 x Osram_Duris_S5_1chip_(GWPSLM31_EM-GUHQ-A535-1)
_359.255lm@65mA_P=2.13817W_U=33.253V



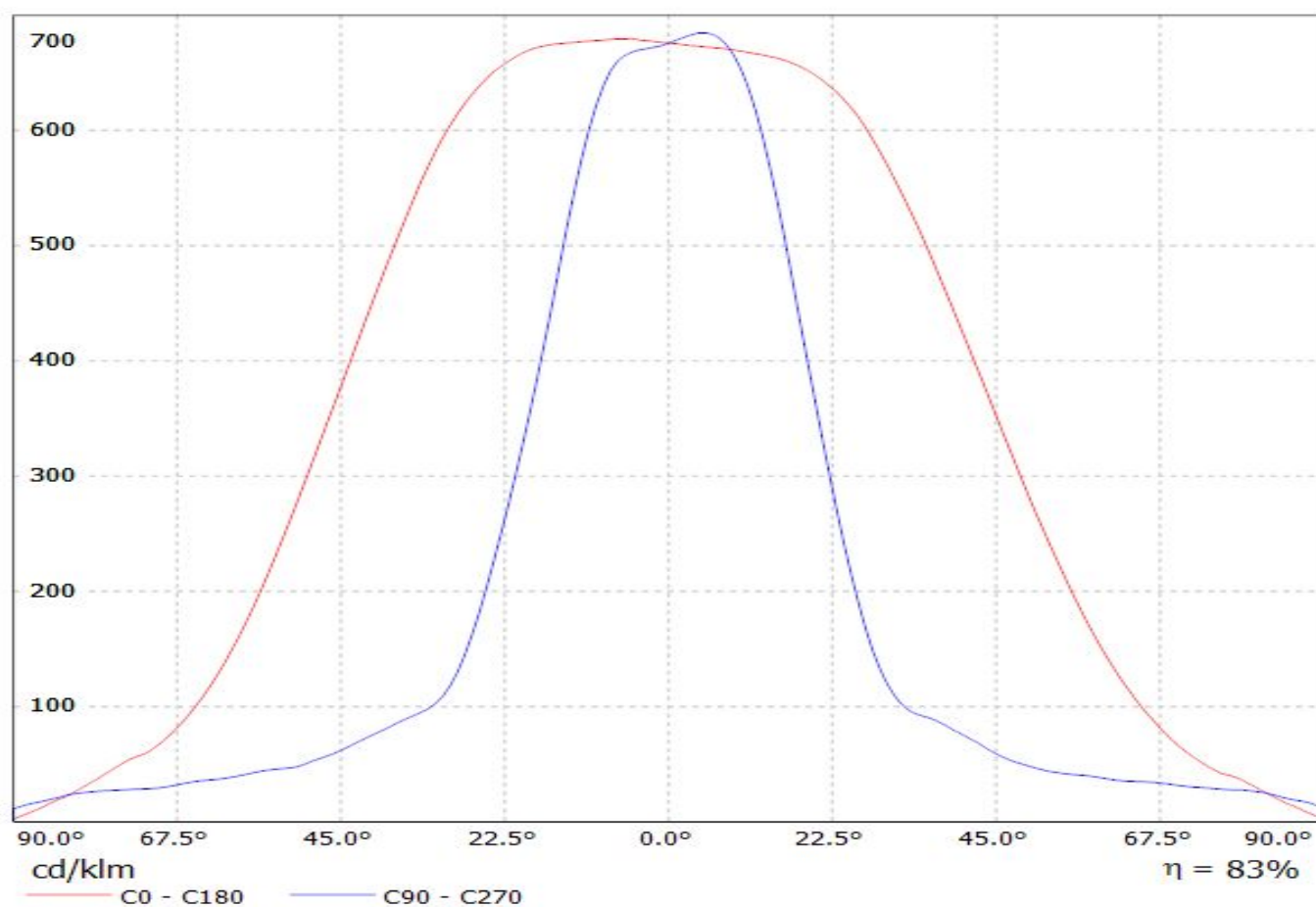
Luminaire: Ledil F15952_LINNEA-O-B_(Fortimo_LED_Strip_1ft_1100lm_FC_HV4)

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



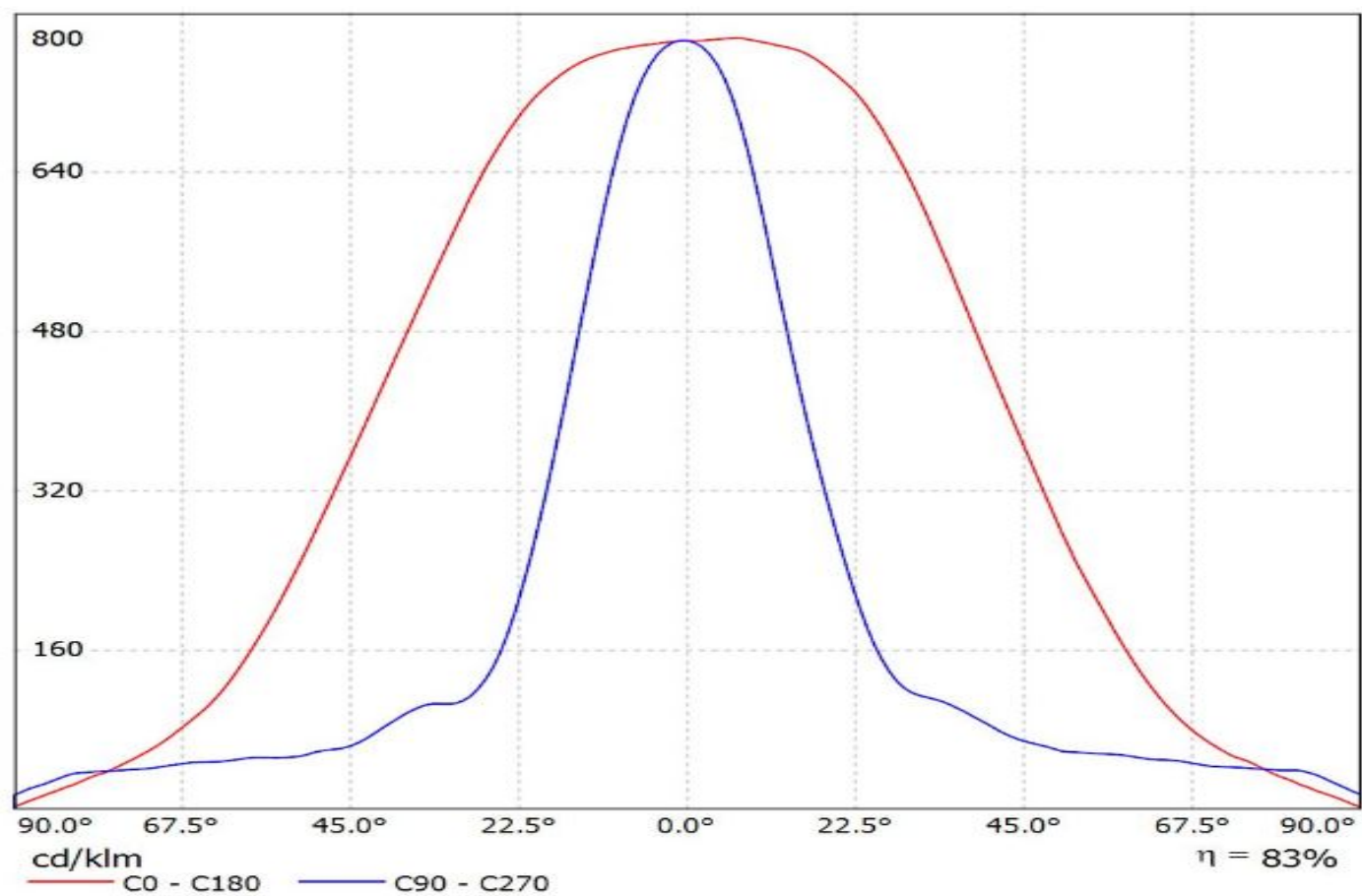
Luminaire: Ledil F15952_LINNEA-O-B_(Fortimo_LED_Strip_1ft_650lm_FC_LV4)

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



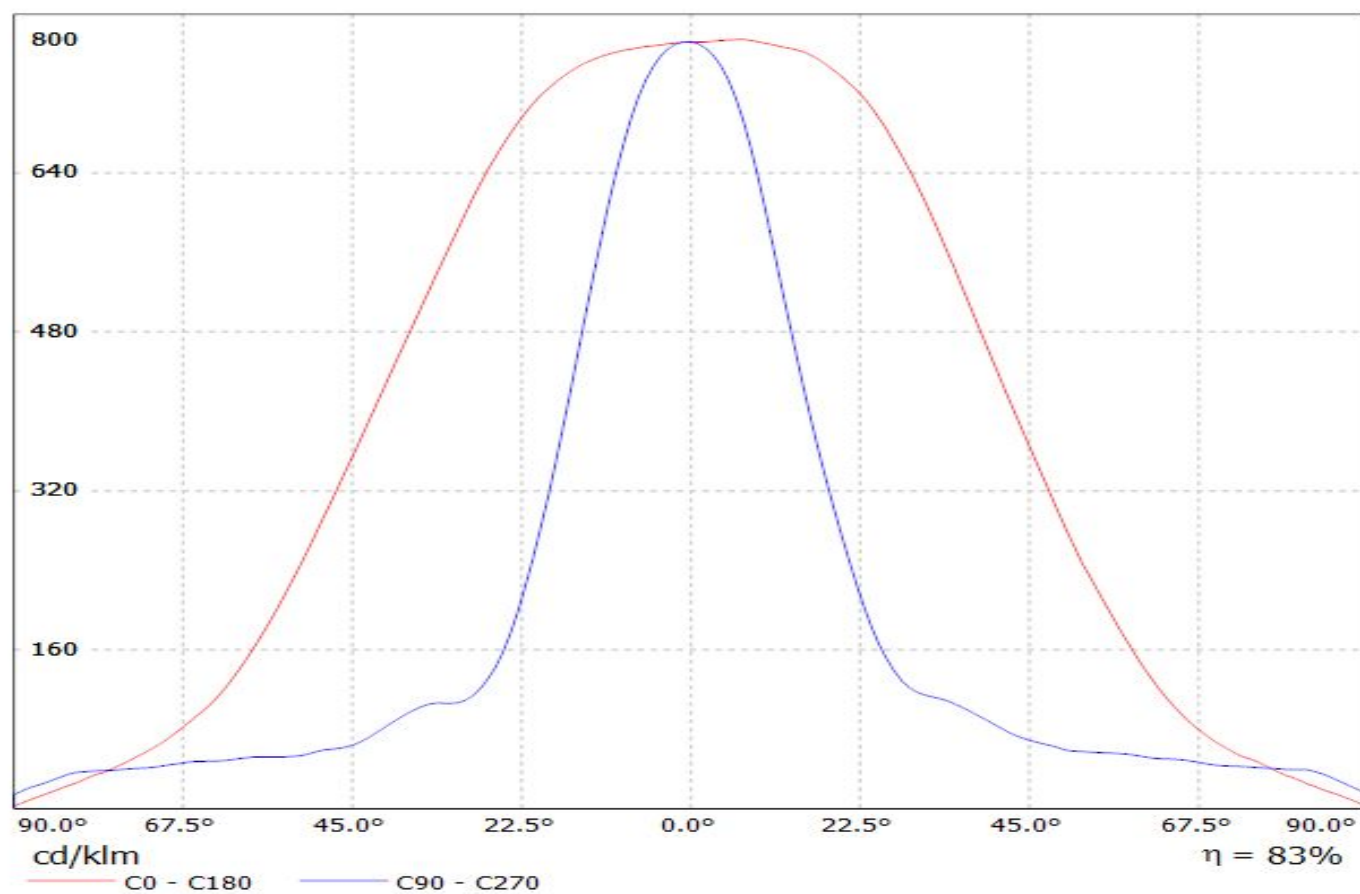
Luminaire: Ledil F15952_LINNEA-O-B_(LT-V282E)

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



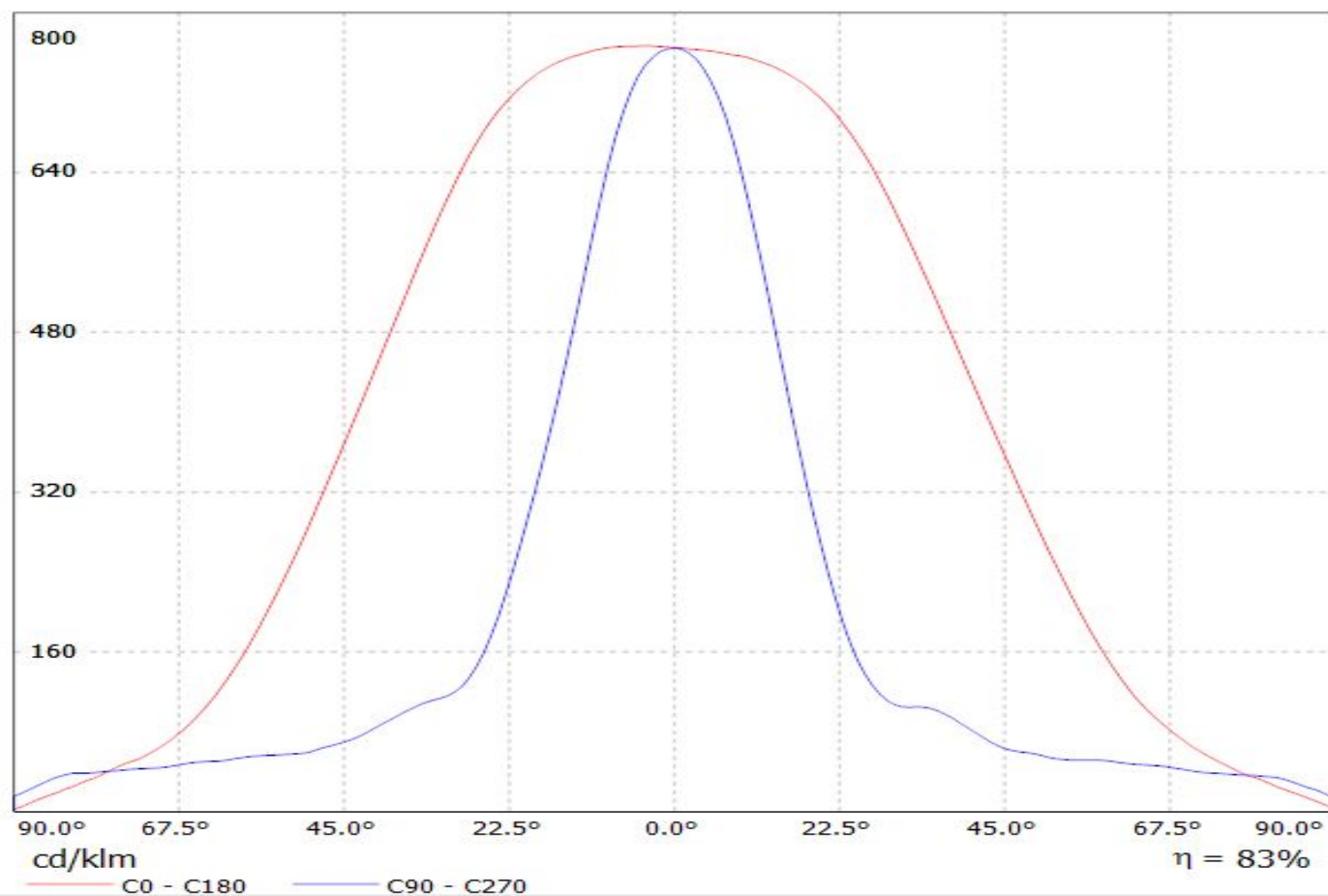
Luminaire: Ledil F15952_LINNEA-O-B_(LT-V562E)

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



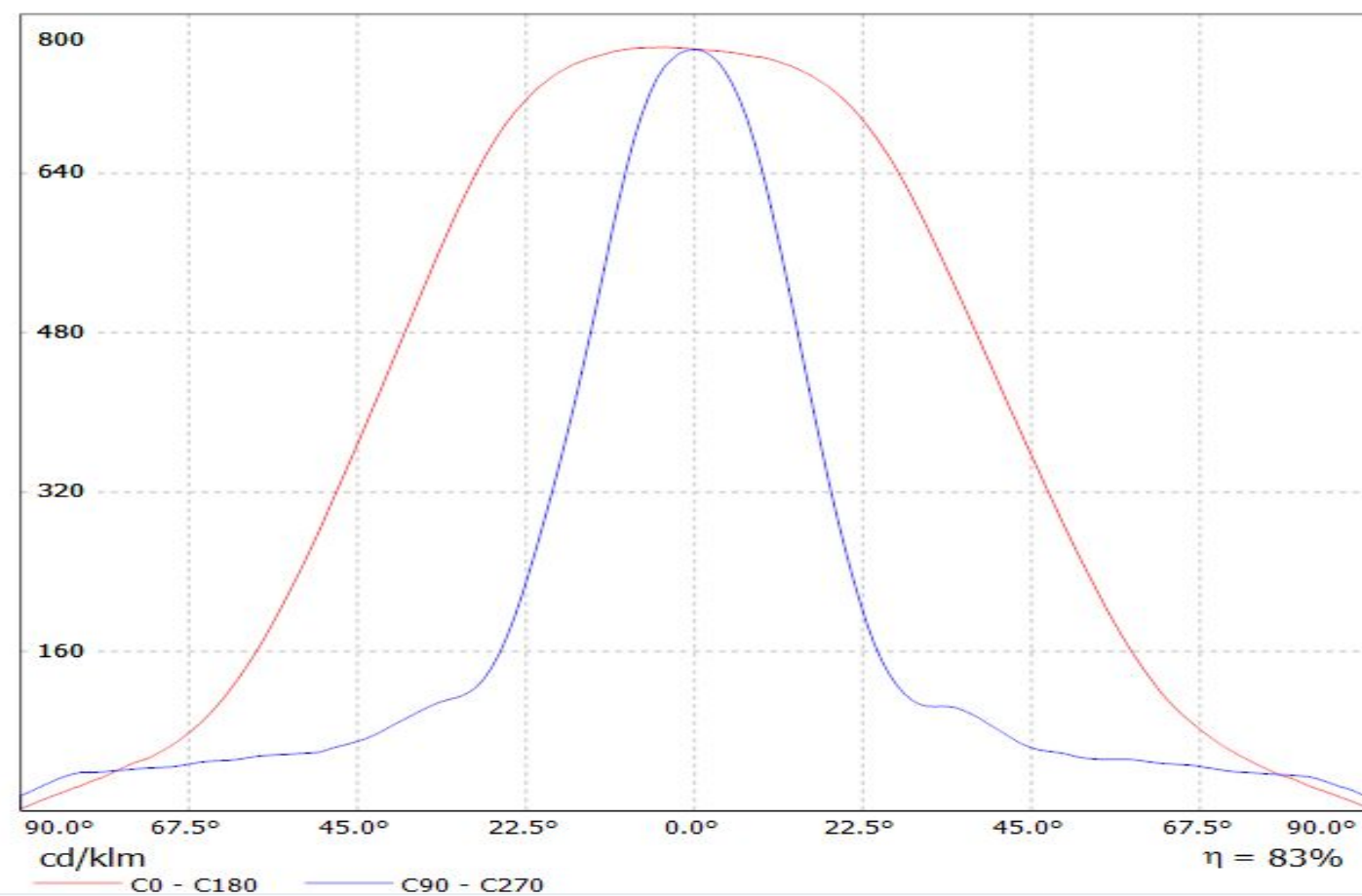
Luminaire: Ledil F15952_LINNEA-O-B_(LT-H282C)

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



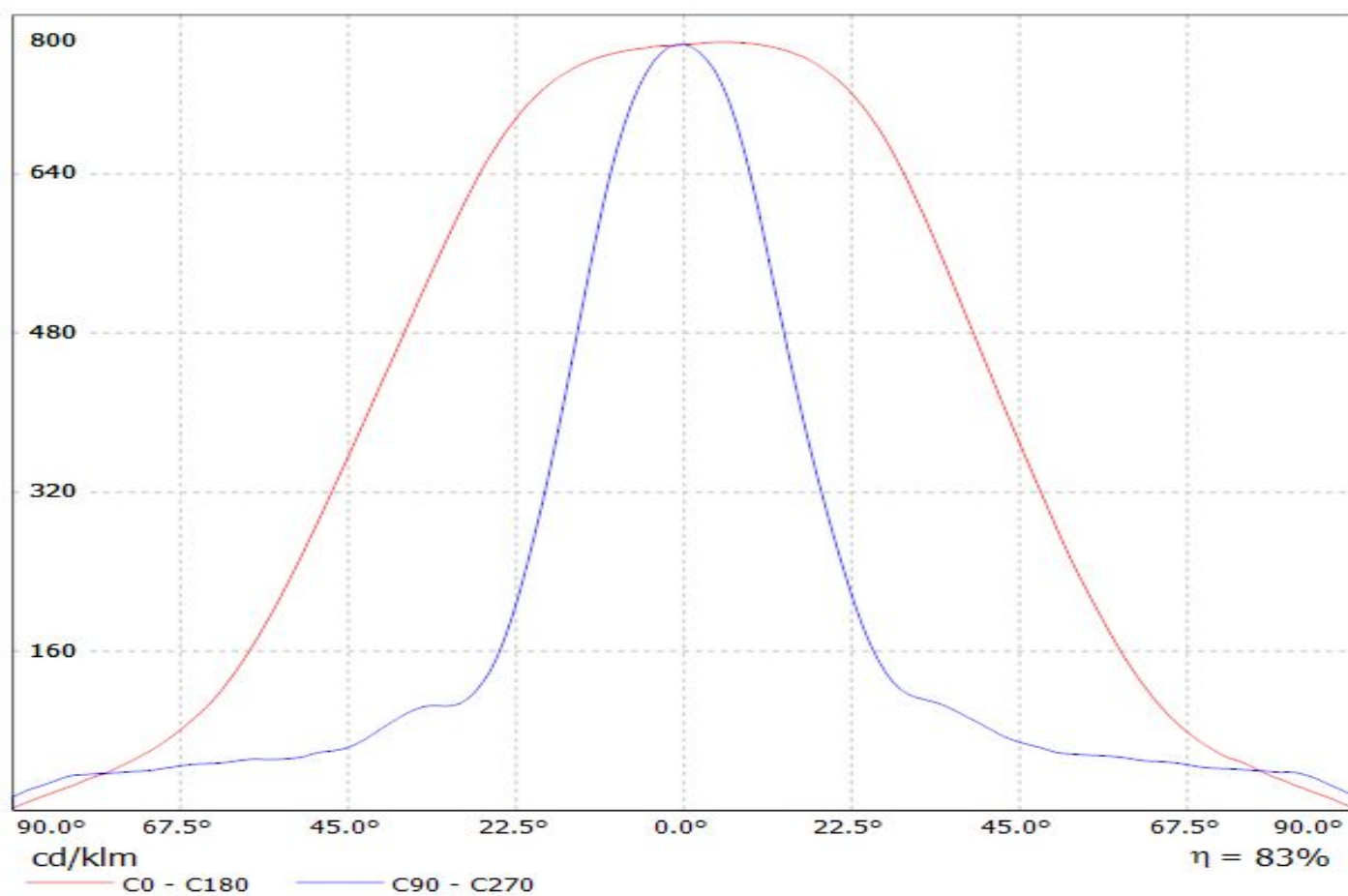
Luminaire: Ledil F15952_LINNEA-O-B_(LT-H562C)

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



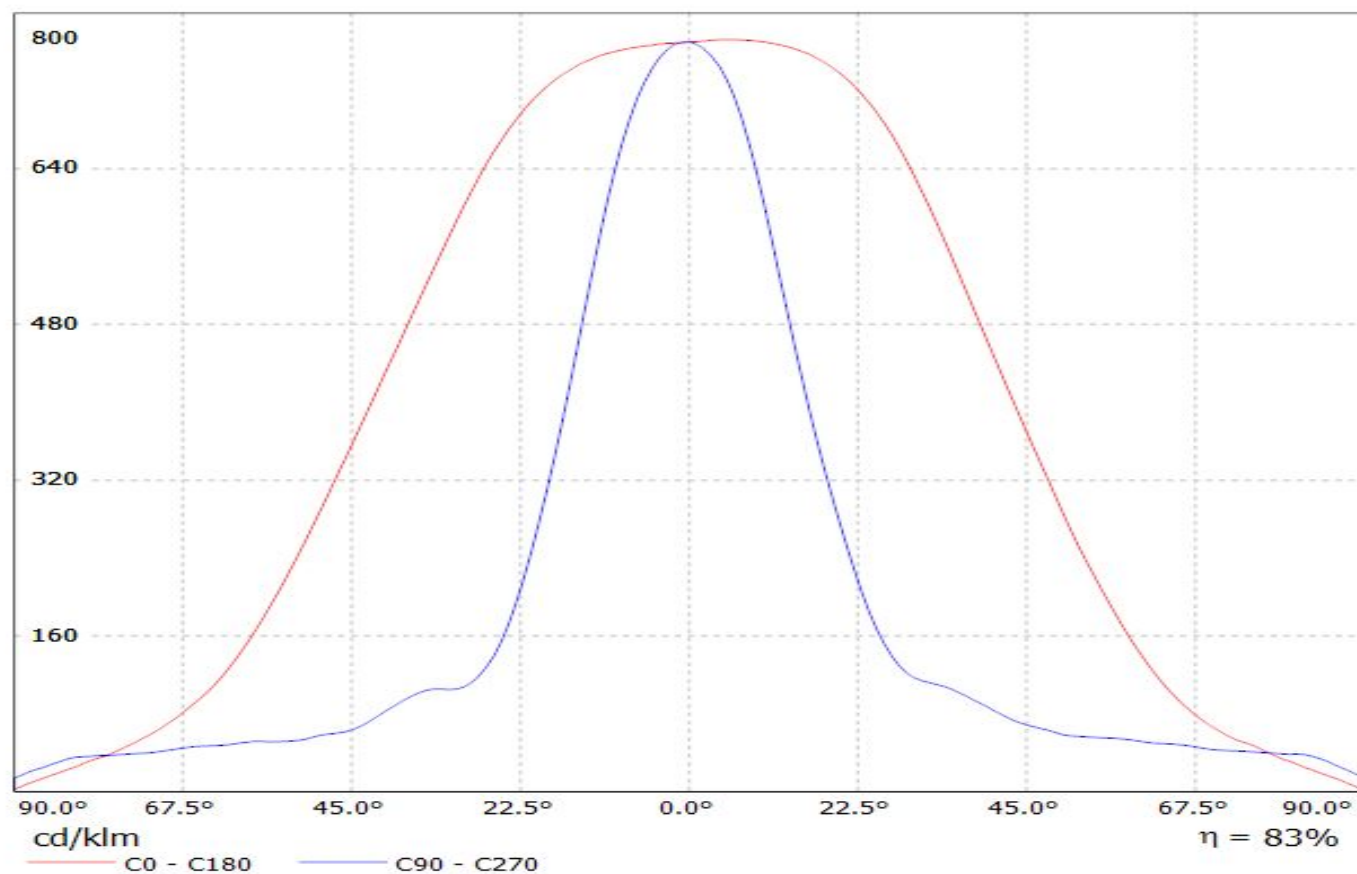
Luminaire: Ledil F15952 LINNEA-O-B_(LT-S282H)

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

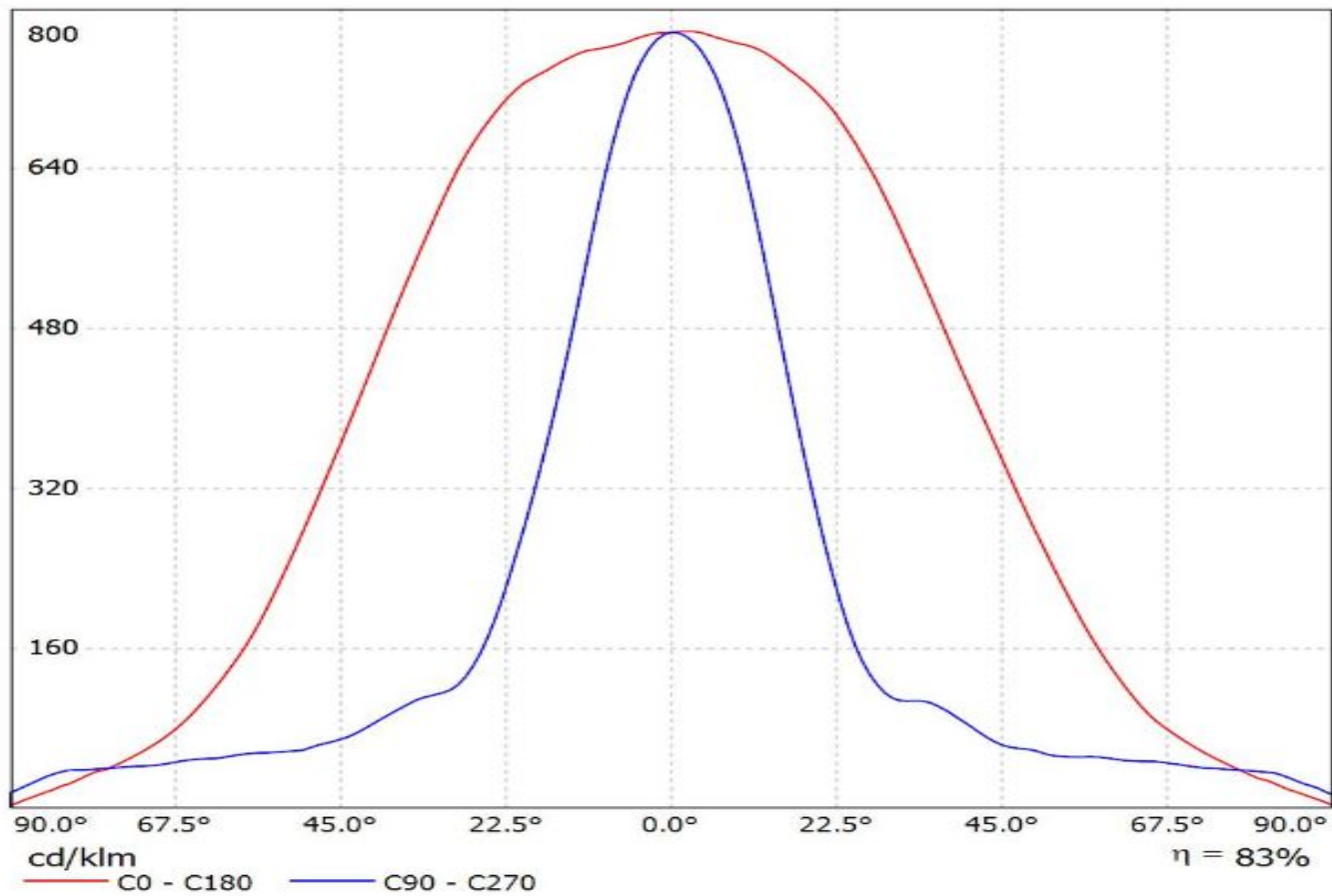


Luminaire: Ledil F15952 LINNEA-O-B_(LT-S562H)

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

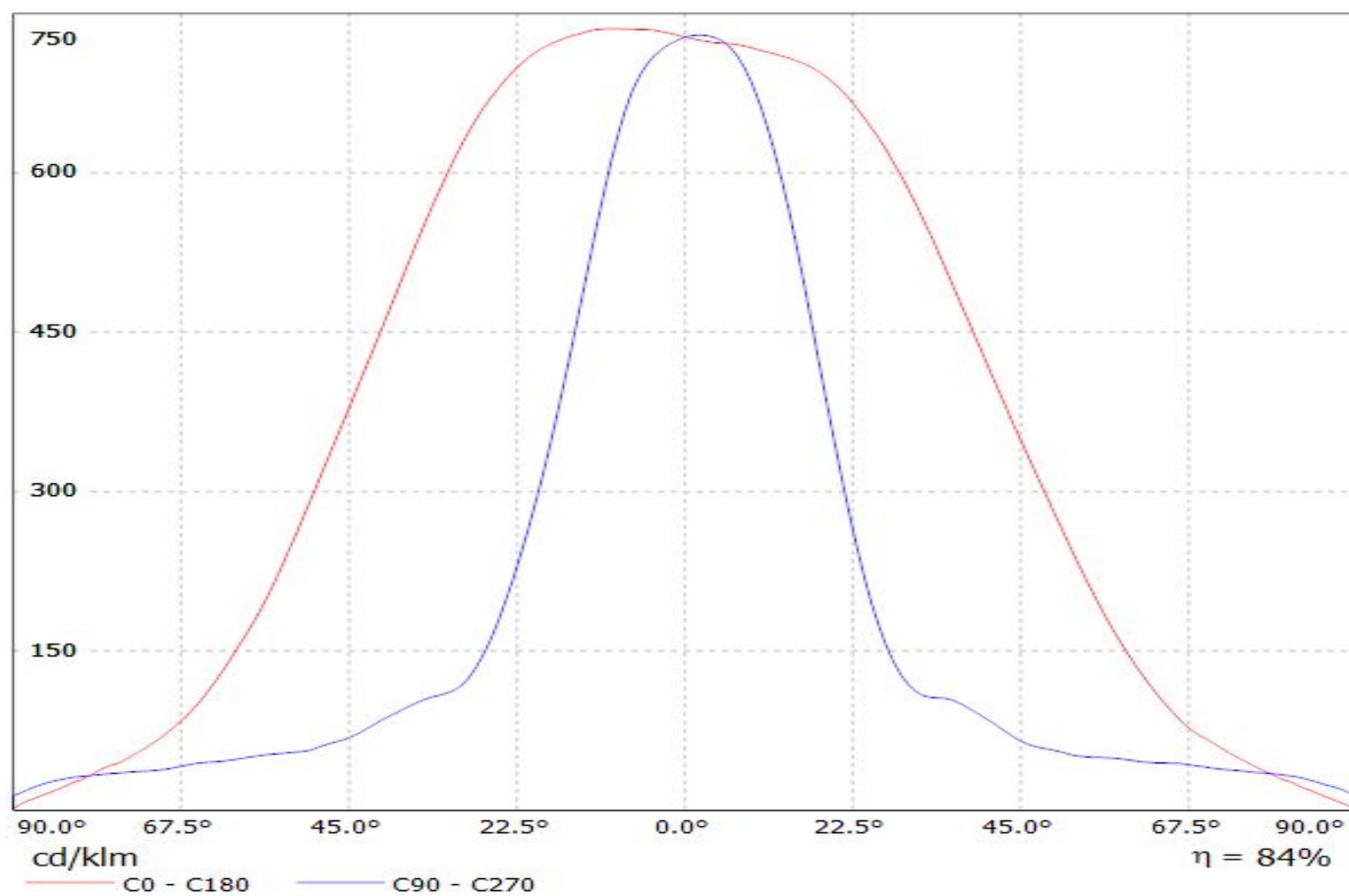


Luminaire: Ledil F15952_LINNEA-O-B_(LT-Q282B)
Lamps: 1 x Samsung_LT-Q282B_(LM301B_SI-B8T053280EU)_943.526lm@180mA_P=4.99618W_U=27.805V



Luminaire: Ledil F15952_LINNEA-O-B_(SunLike_3030)

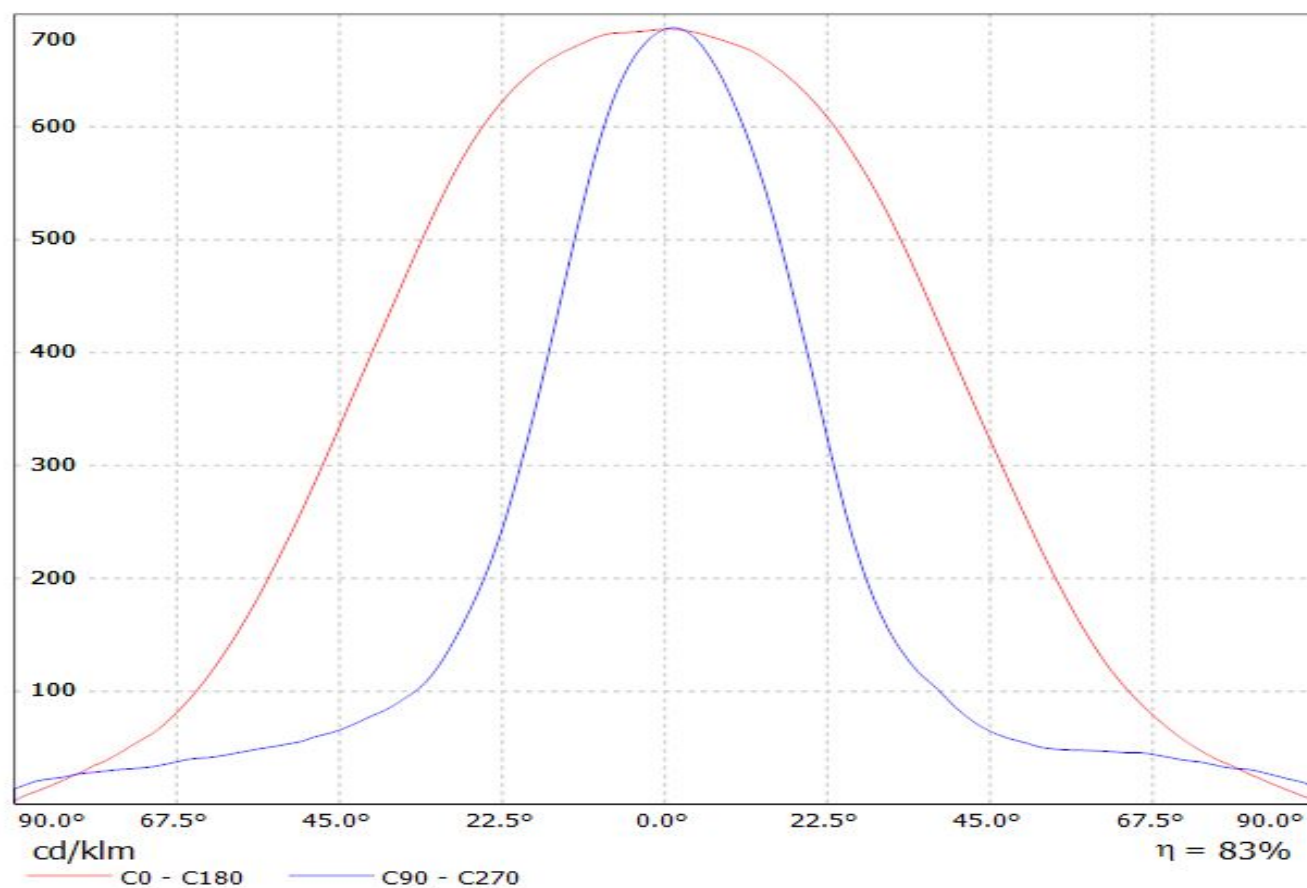
Lamps: 1 x SEOUL_SunLike_3030_(STW9C2PB-S)_2_240.649lm@0.65mA_P=2.30531W_U=35.538V



Luminaire: LEDiL Oy F15952_LINNEA-O-B_(LLE_G4_24x280mm_2000lm_840_2T_ADV)

Lamps: 1 x

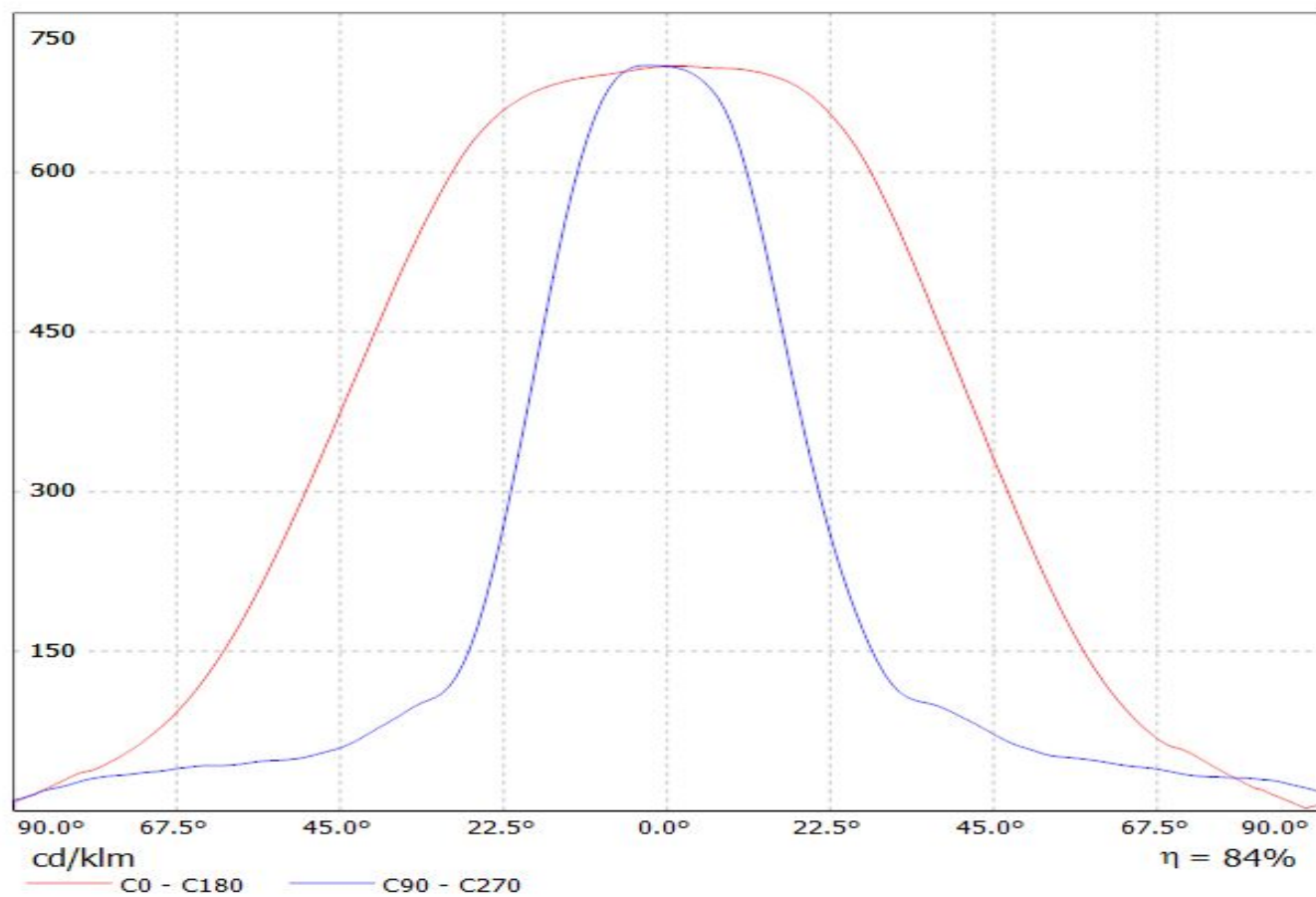
Tridonic_LLE_G4_24x280mm_2000lm_840_2T_ADV_1455.22lm@250mA_CCT=4000K_P=8.45498W_I=0.250A



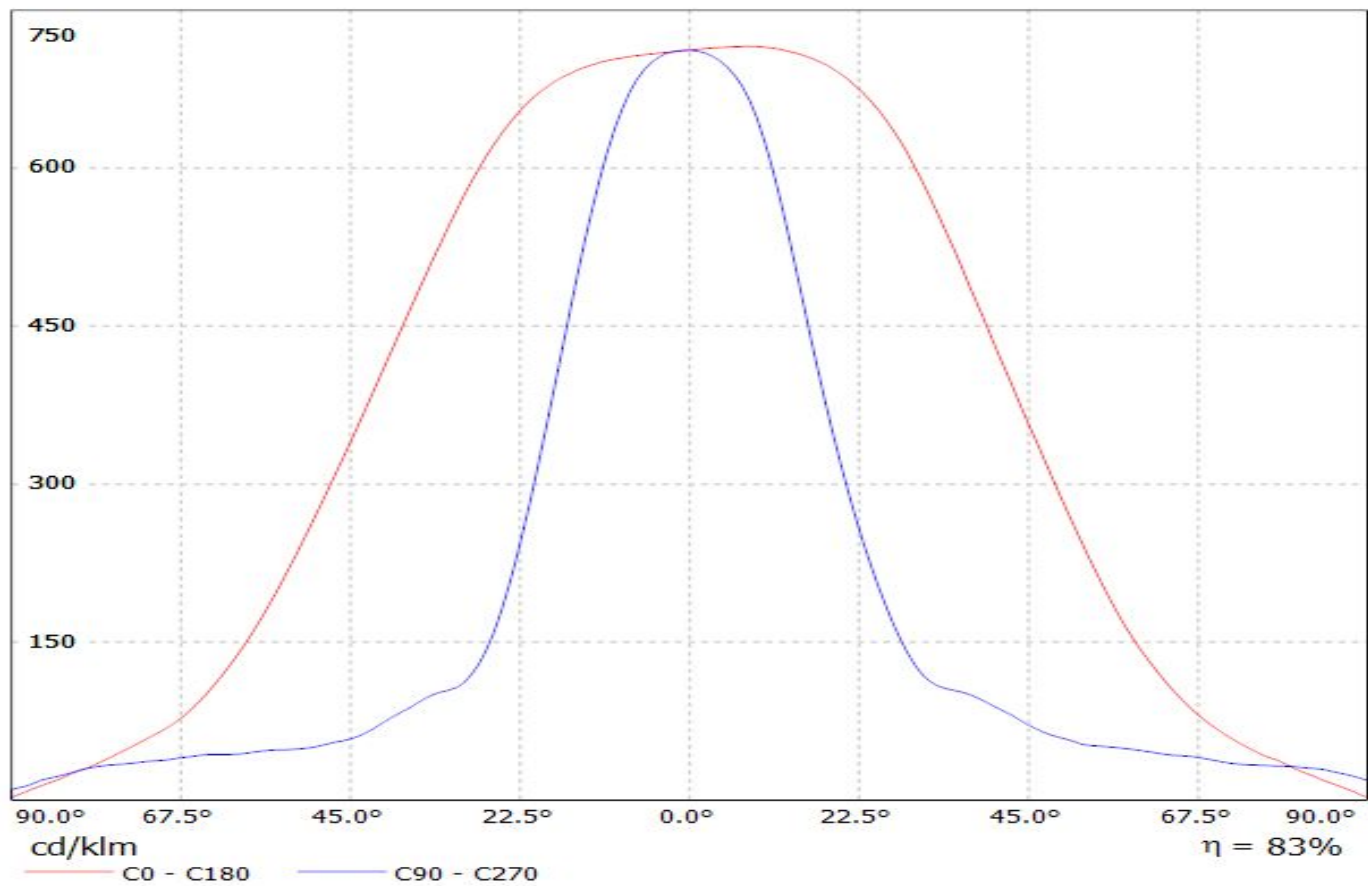
Luminaire: LEDiL Oy F15952_LINNEA-O-B_(LLE_G4_24x280mm_650lm_840_2T_ADV)

Lamps: 1 x

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

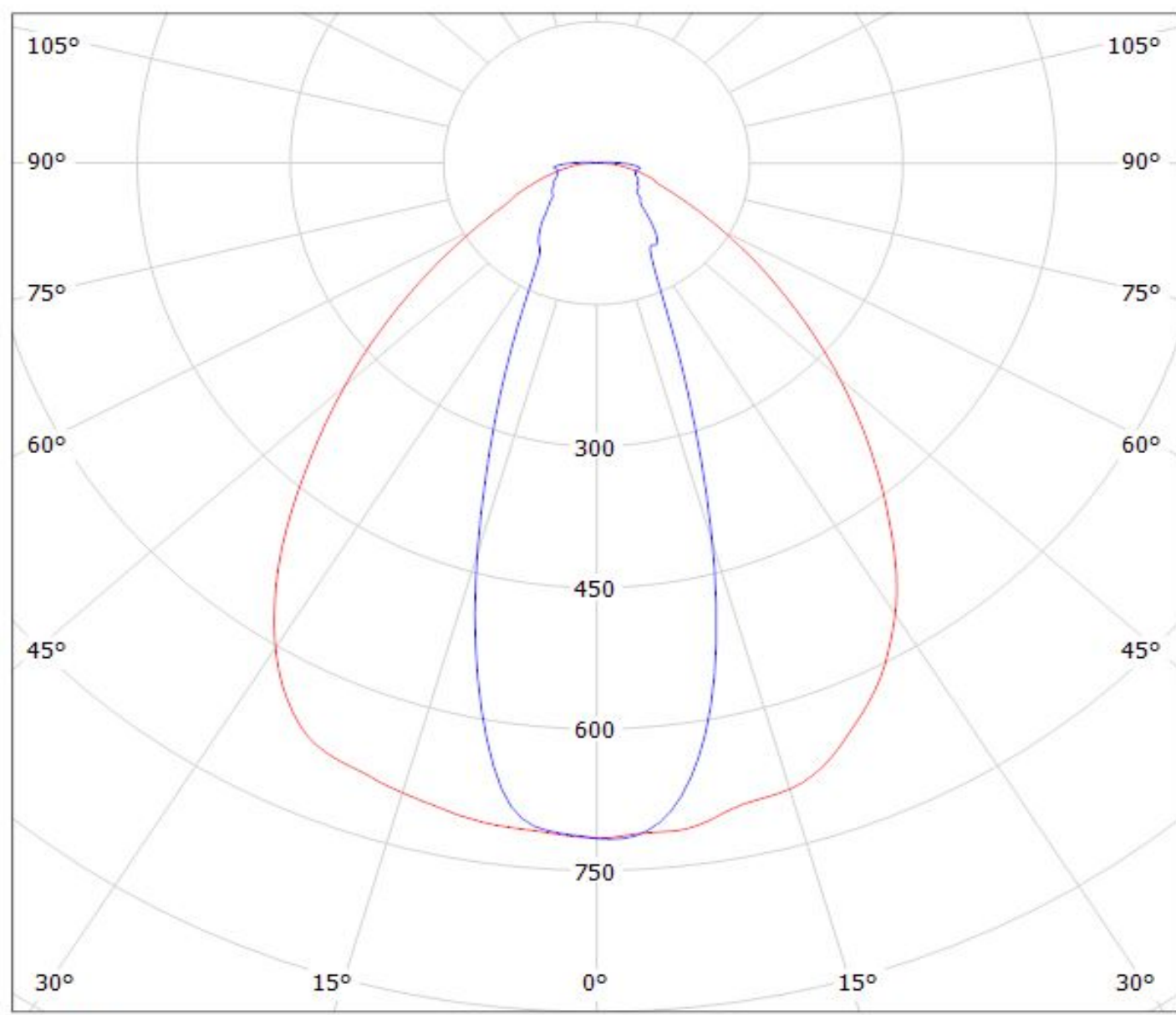


Luminaire: Ledil F15952_LINNEA-O-B_(LLE_G4_24x280mm_1250lm_840_4T_ADV)
Lamps: 1 x Tridonic_(LLE_G4_24x280mm_1250lm_840_4T_ADV)
_966.809lm@250mA_CCT=4000K_P=5.629W_U=22.525V



Luminaire: LEDiL Oy F15952_LINNEA-O-B_(XP-E)

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



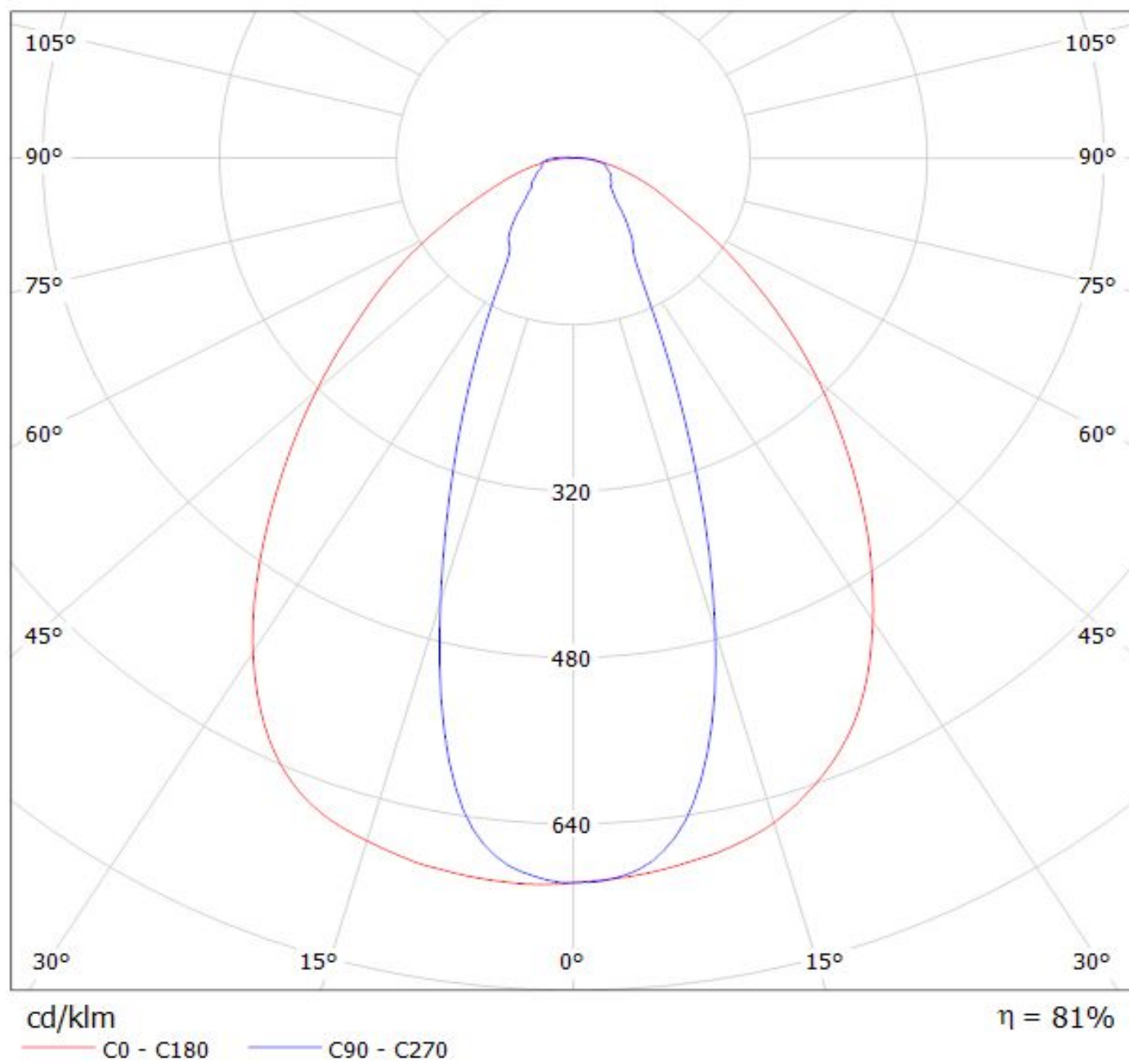
cd/klm

$\eta = 81\%$

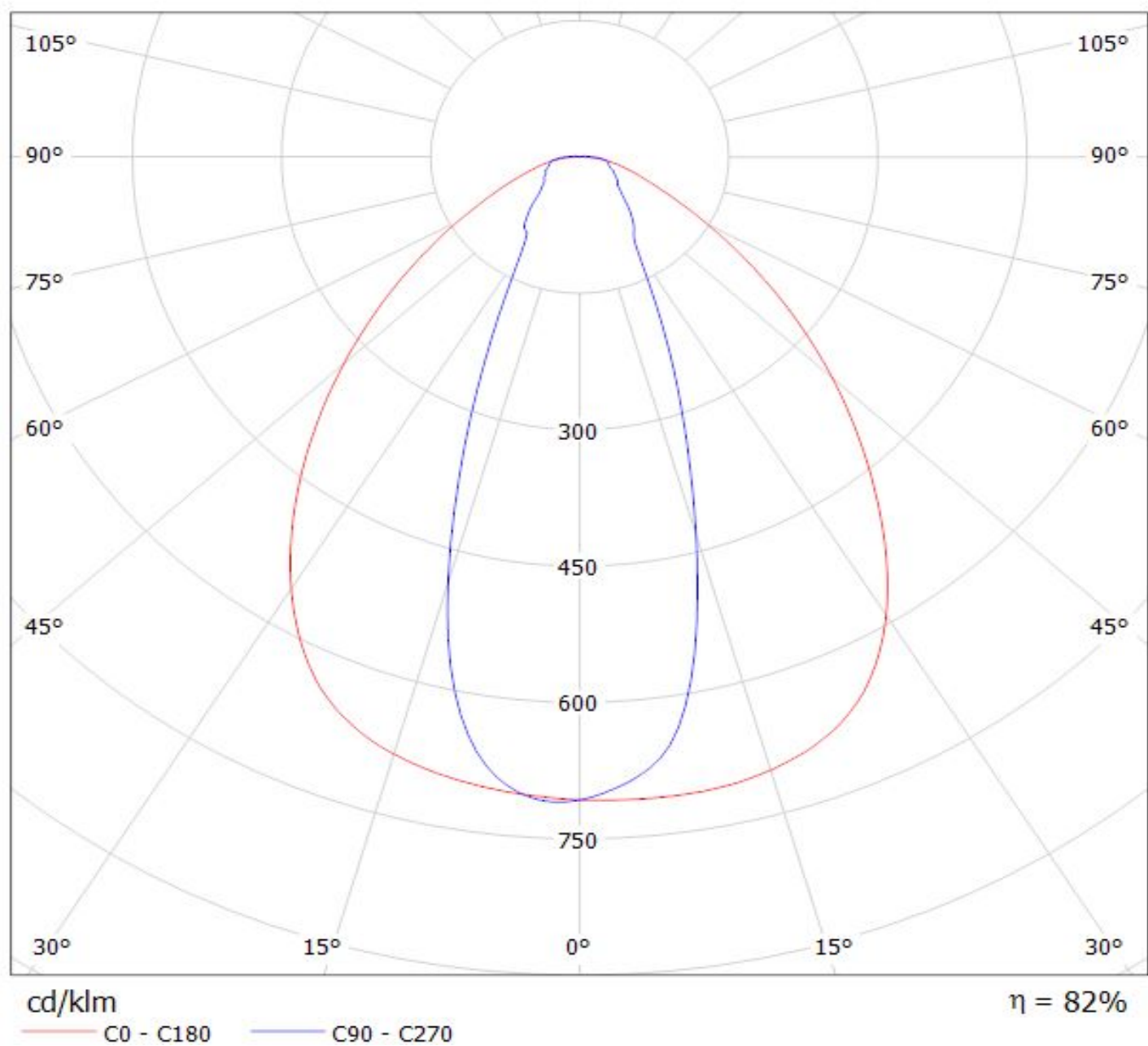
— C0 - C180 — C90 - C270

Luminaire: LEDiL Oy F15952_LINNEA-O-B_(NFSx757G)

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

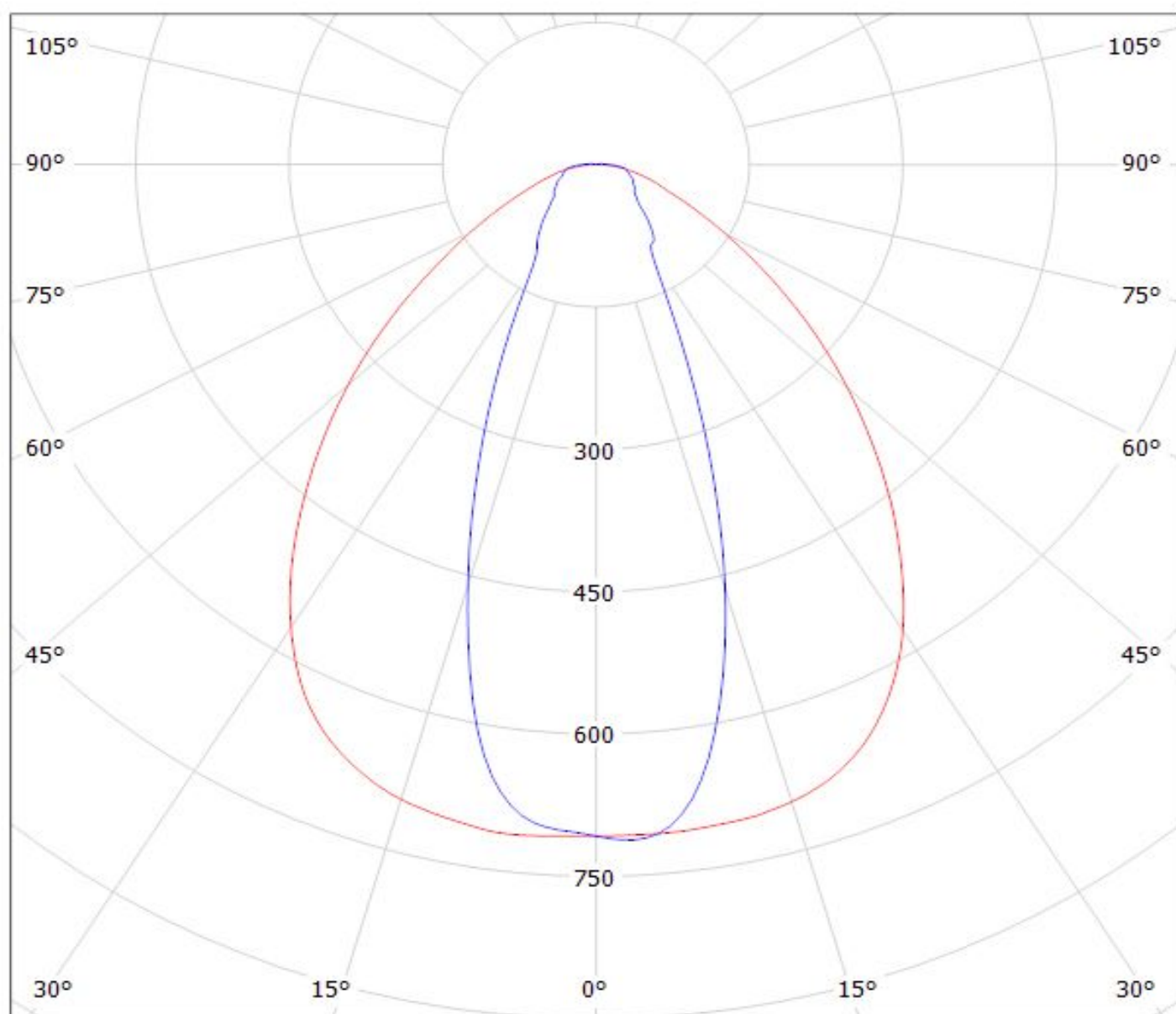


Luminaire: Ledil F15952_LINNEA-O-B_(Prevaled_Linear_Slim_3)
Lamps: 1 x Osram_Prevaled_Linear_Slim_3_(PL-LIN S-Z3-2000-840-280)
_1949.14lm@300mA_CCT=4000K_P=12.0015W_U=40.179V



Luminaire: Ledil F15952_LINNEA-O-B_(Duris_S5)

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



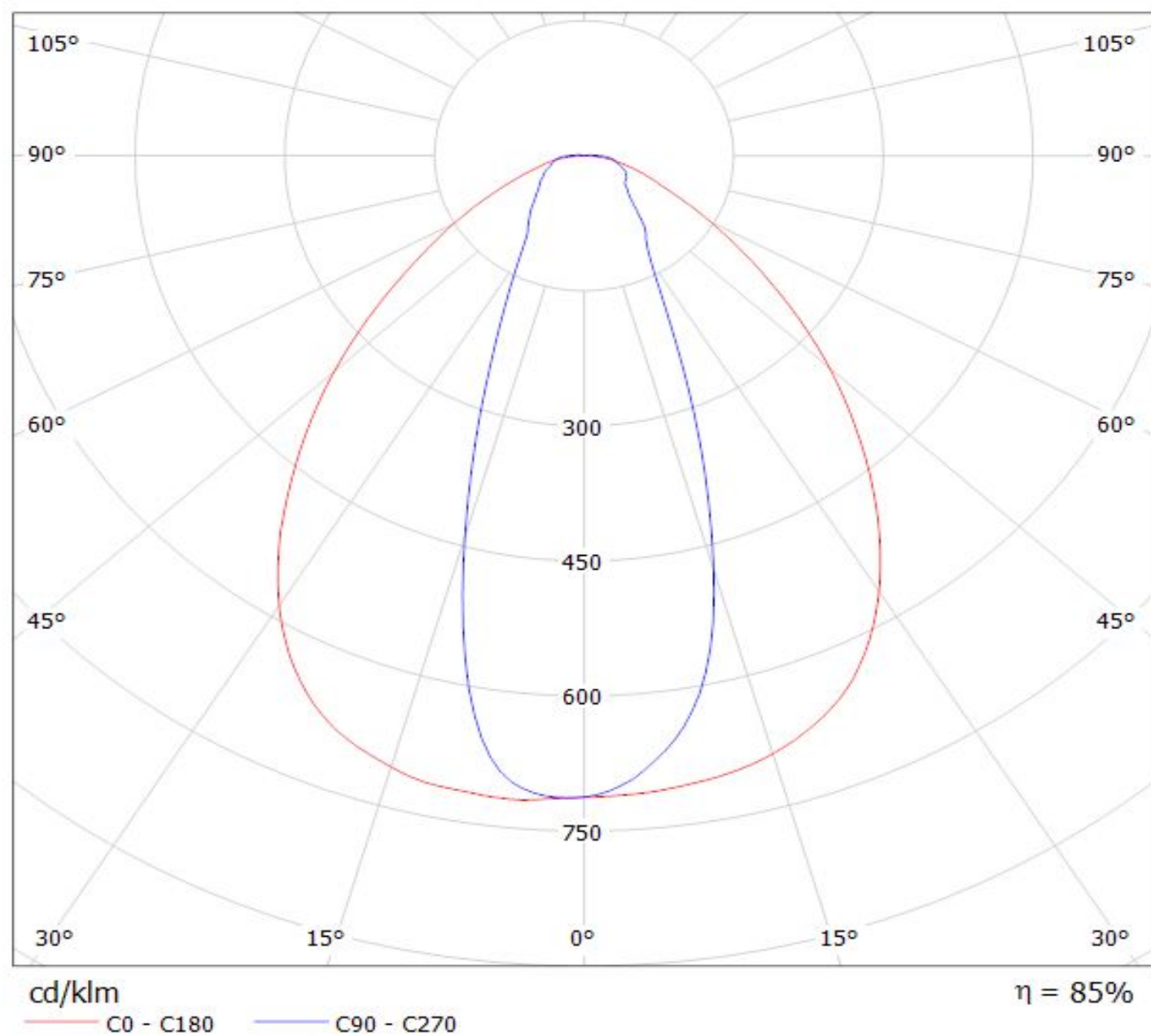
cd/klm

$\eta = 83\%$

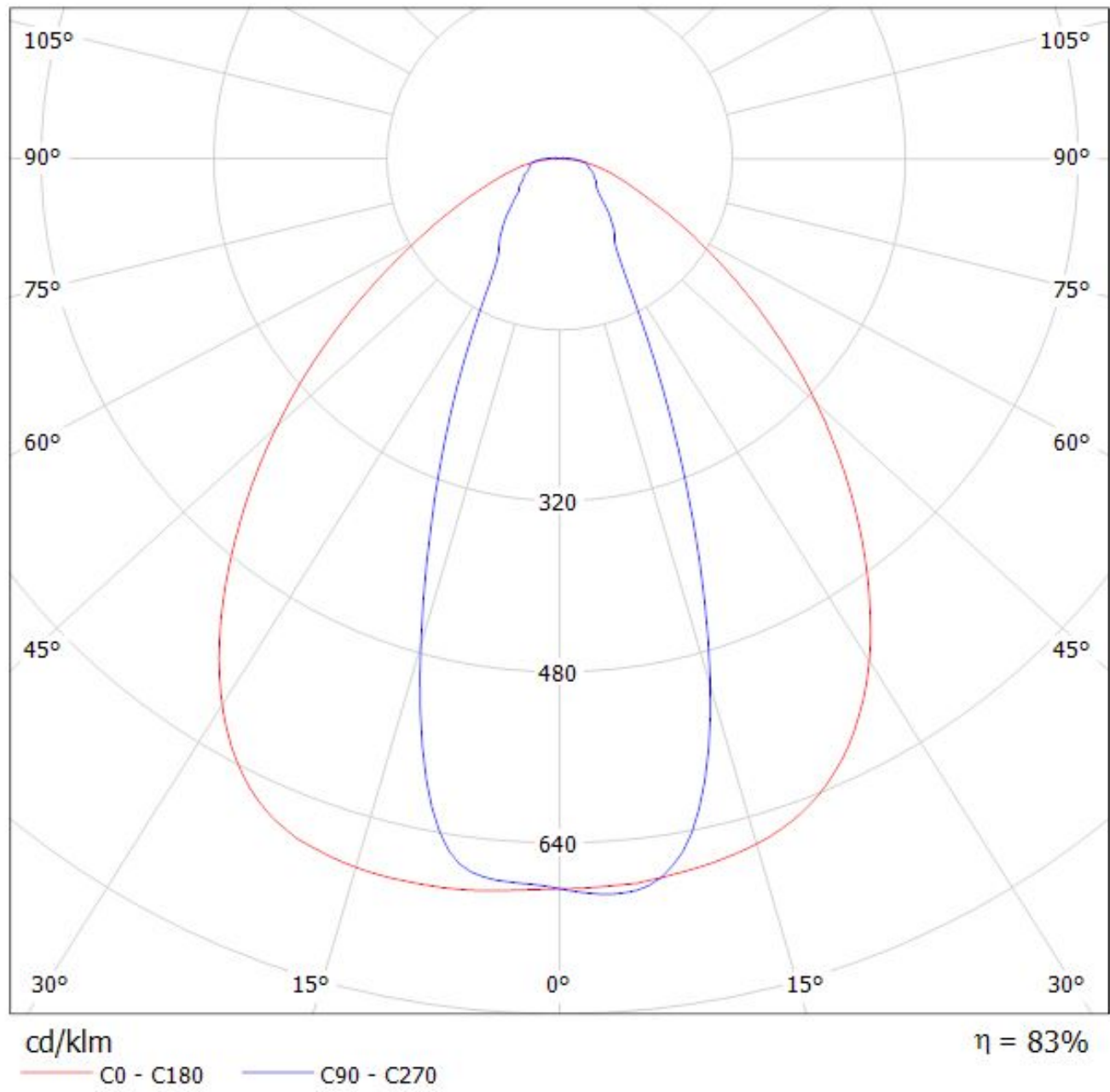
— C0 - C180

— C90 - C270

Luminaire: LEDiL Oy F15952_LINNEA-O-B_(Duris_S5_1chip)
Lamps: 1 x Osram_Duris_S5_1chip_(GWPSLM31_EM-GUHQ-A535-1)
_359.255lm@65mA_P=2.13817W_U=33.253V

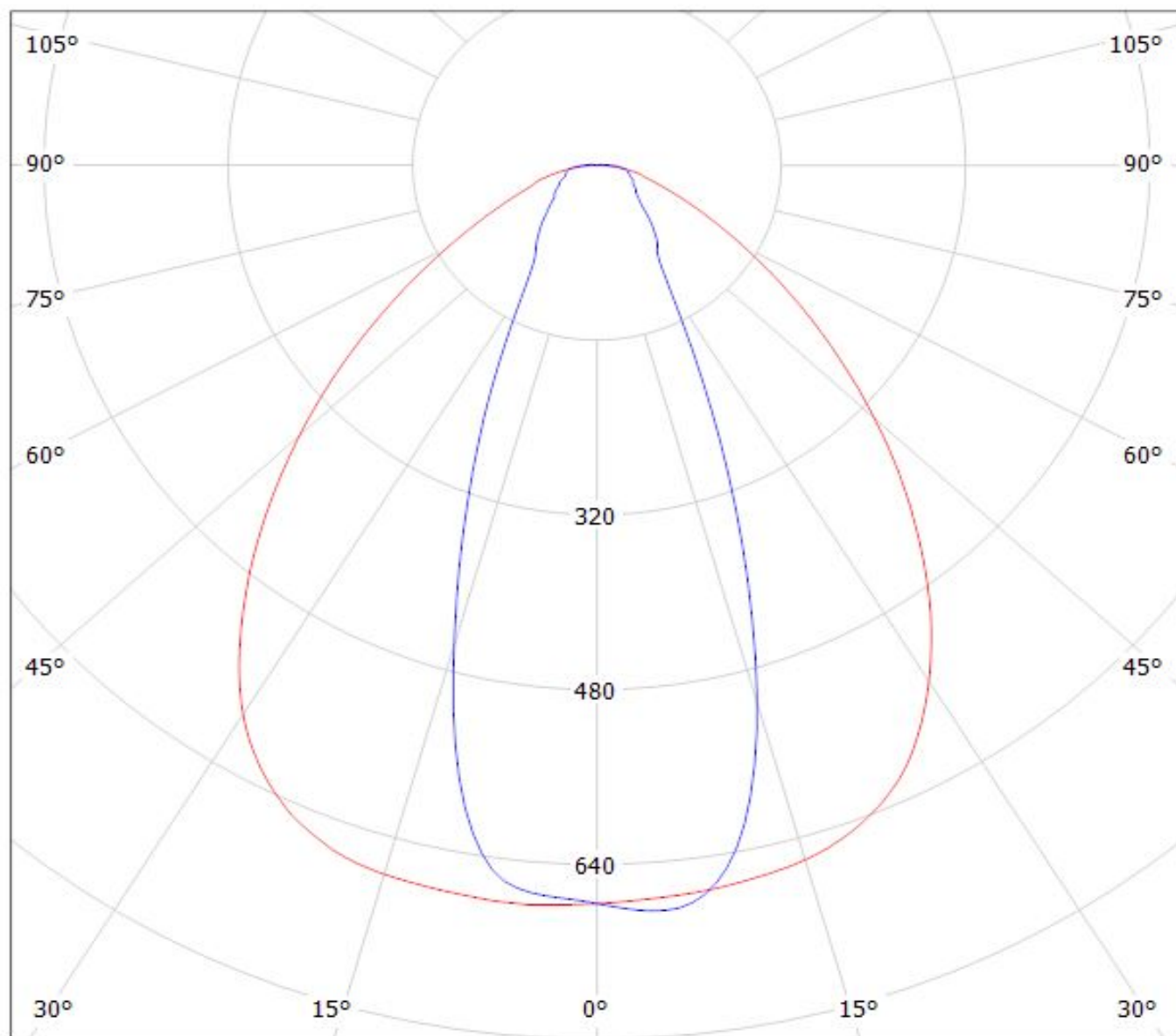


Luminaire: Ledil F15952_LINNEA-O-B_(Fortimo_LED_Strip_1ft_1100lm_FC_HV4)
Lamps: 1 x Philips_Fortimo_LED_Strip_1ft_1100lm_930_FC_HV4_735.772lm@250mA_P=5.6145W_U=22.496V



Luminaire: Ledil F15952_LINNEA-O-B_(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

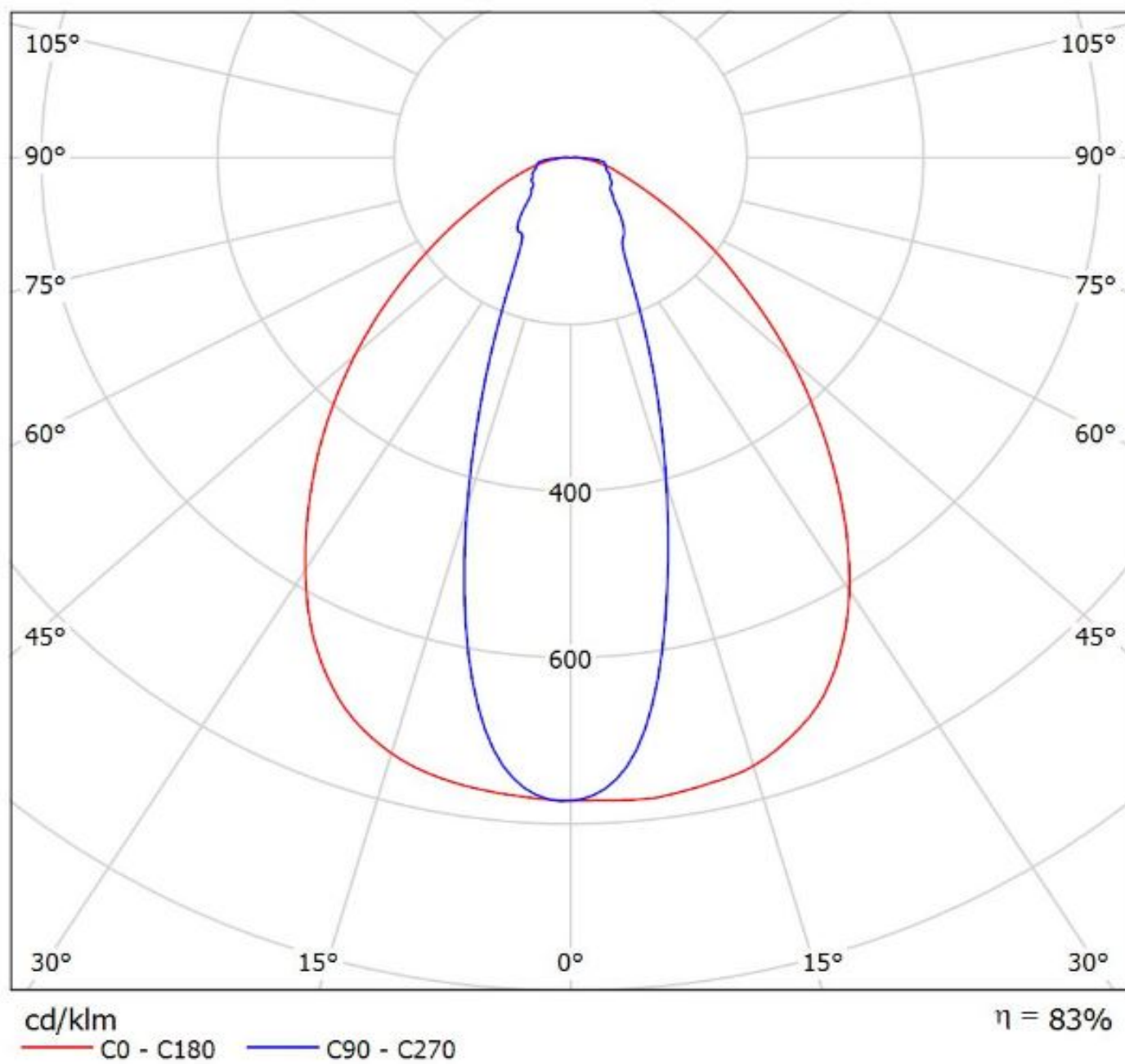
η = 83%

— C0 - C180

— C90 - C270

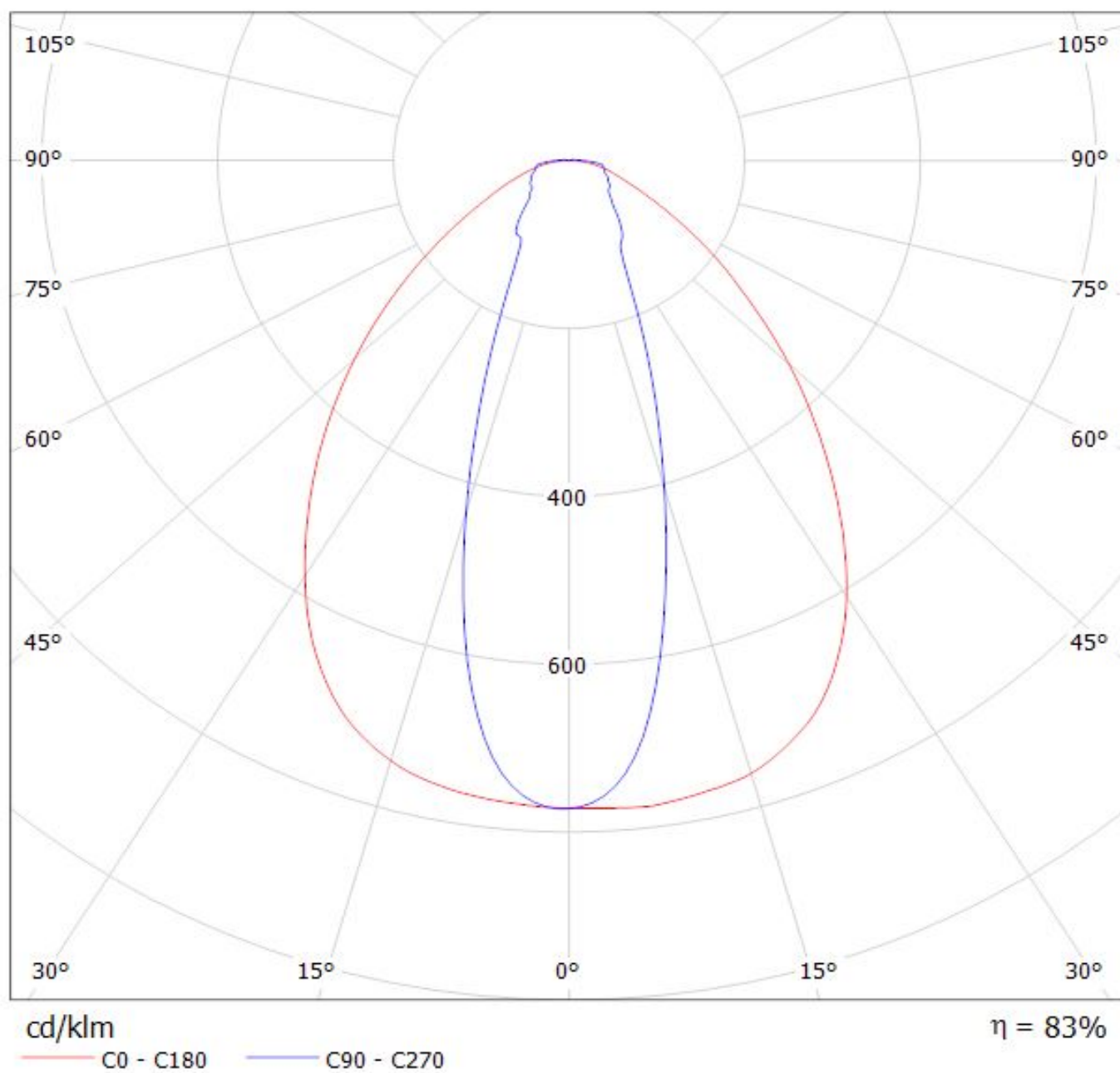
Luminaire: Ledil F15952_LINNEA-O-B_(LT-V282E)

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



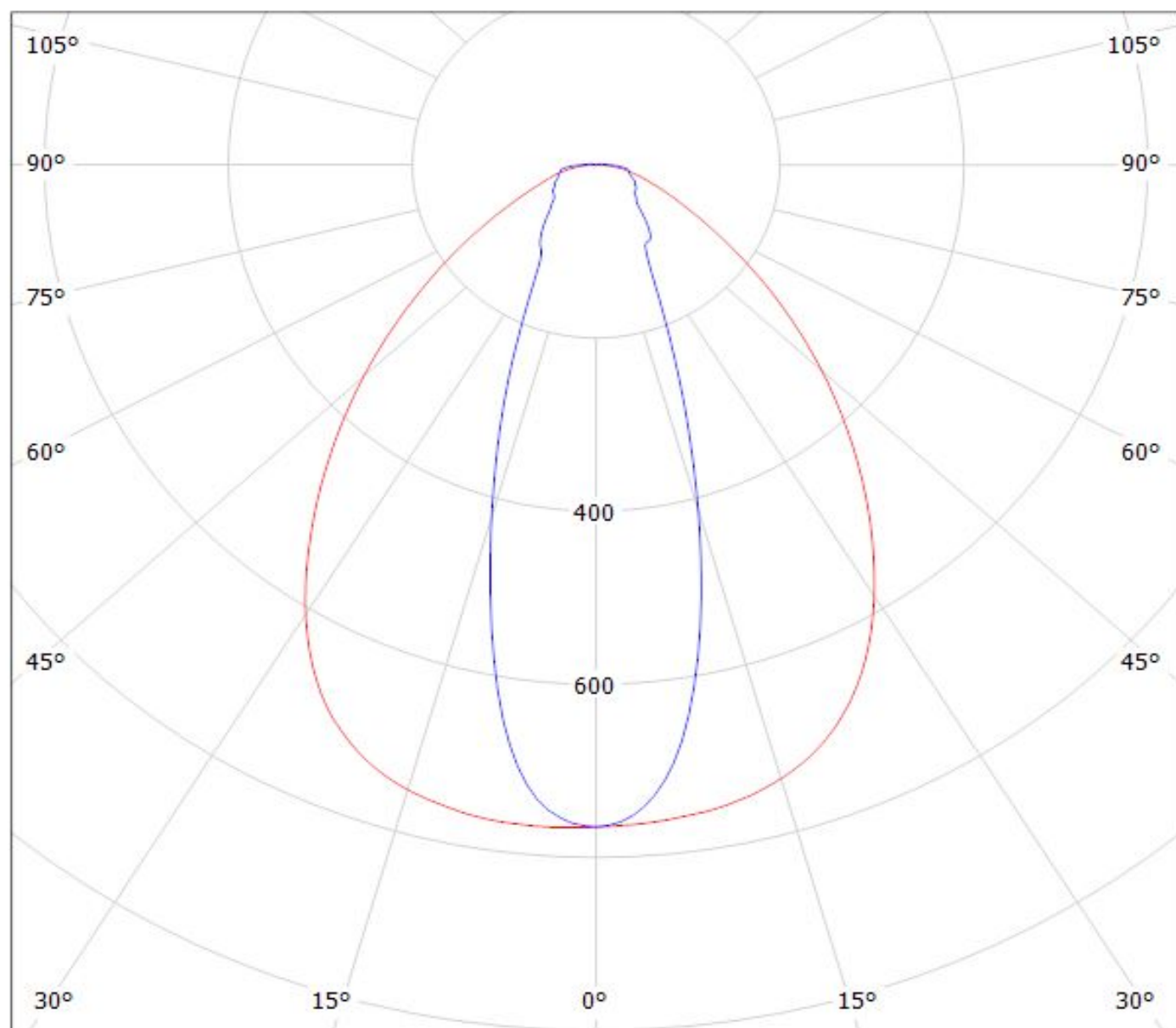
Luminaire: Ledil F15952_LINNEA-O-B_(LT-V562E)

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



Luminaire: Ledil F15952_LINNEA-O-B_(LT-H282C)

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



cd/klm

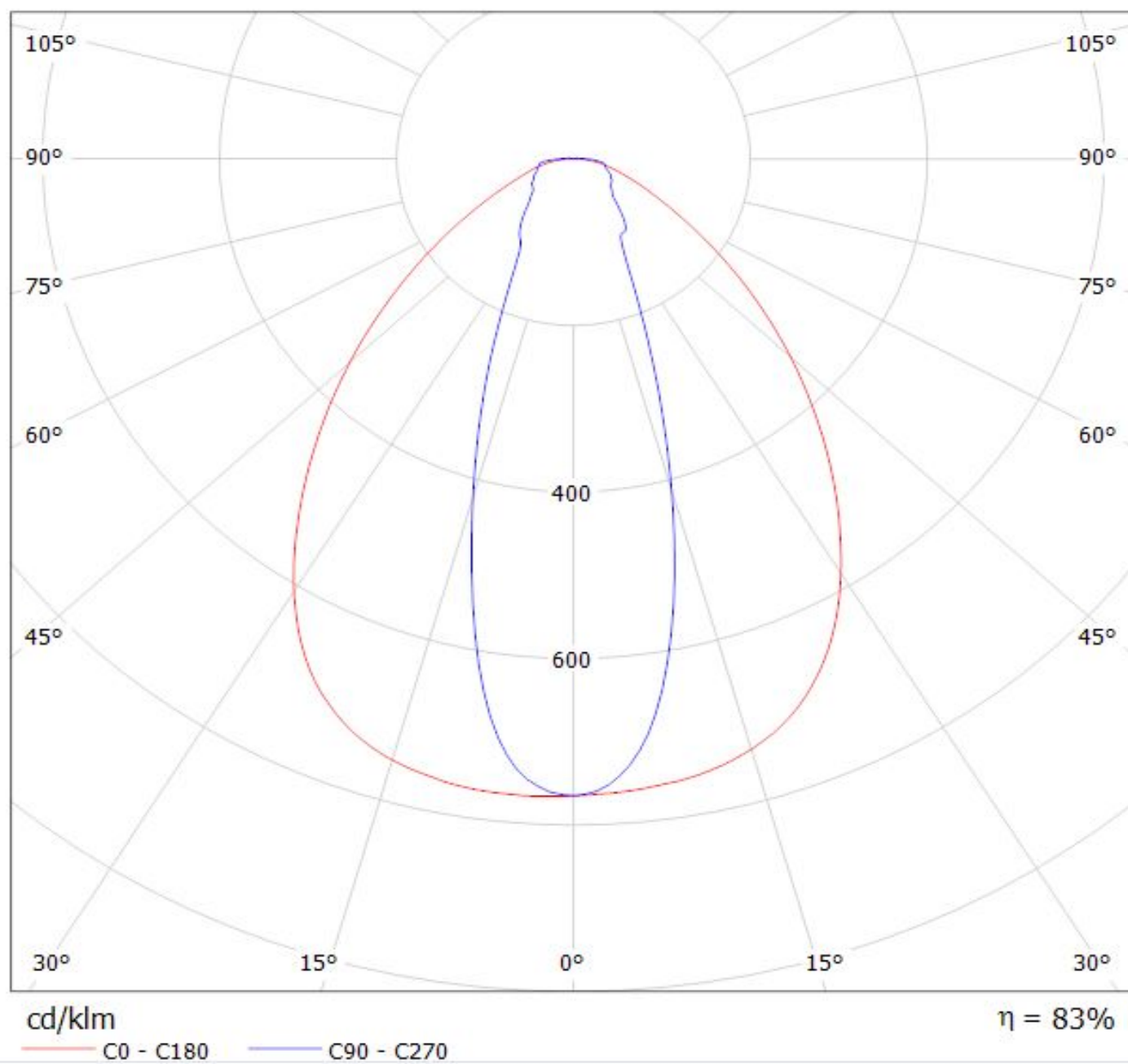
$\eta = 83\%$

— C0 - C180

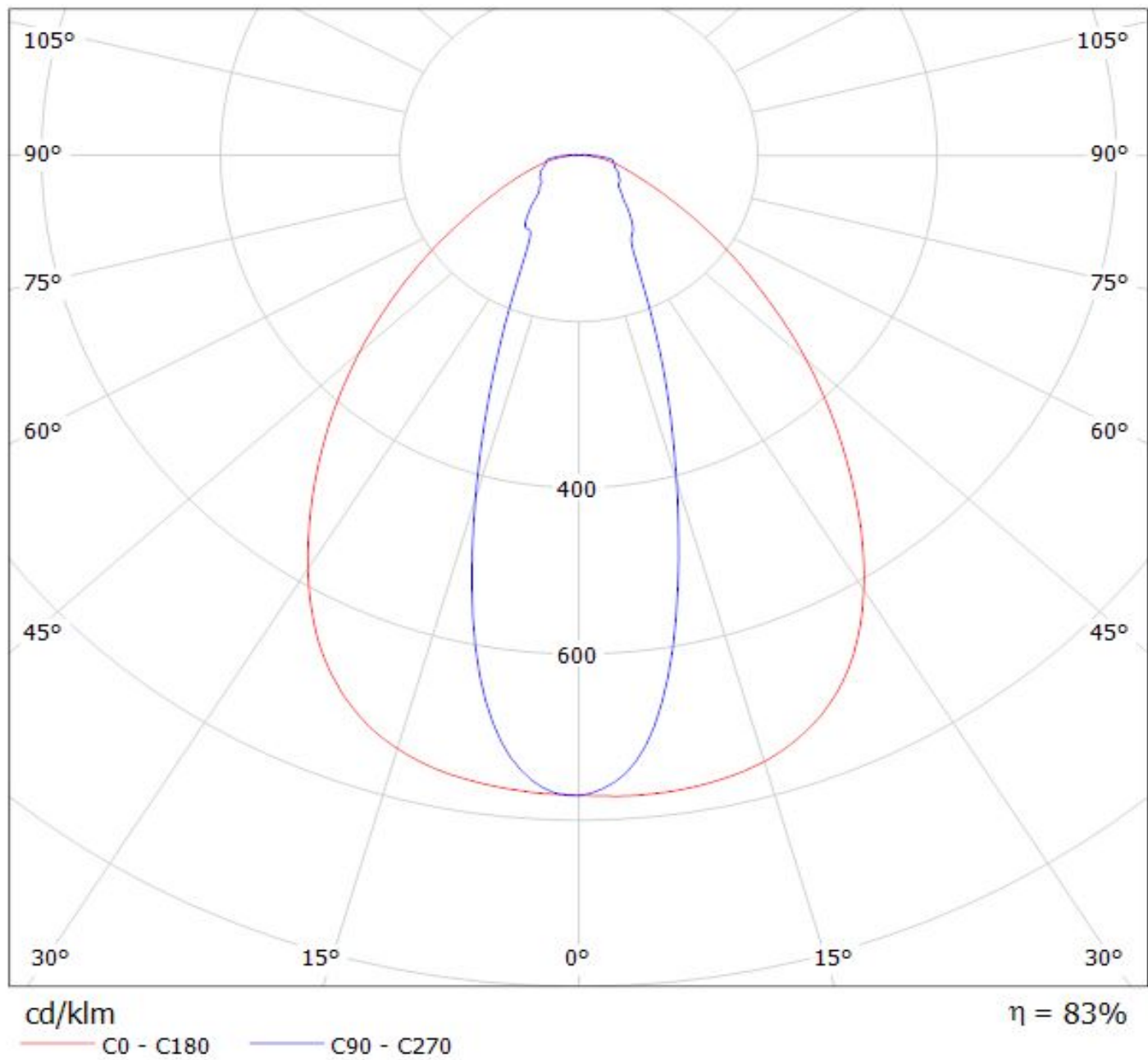
— C90 - C270

Luminaire: Ledil F15952_LINNEA-O-B_(LT-H562C)

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

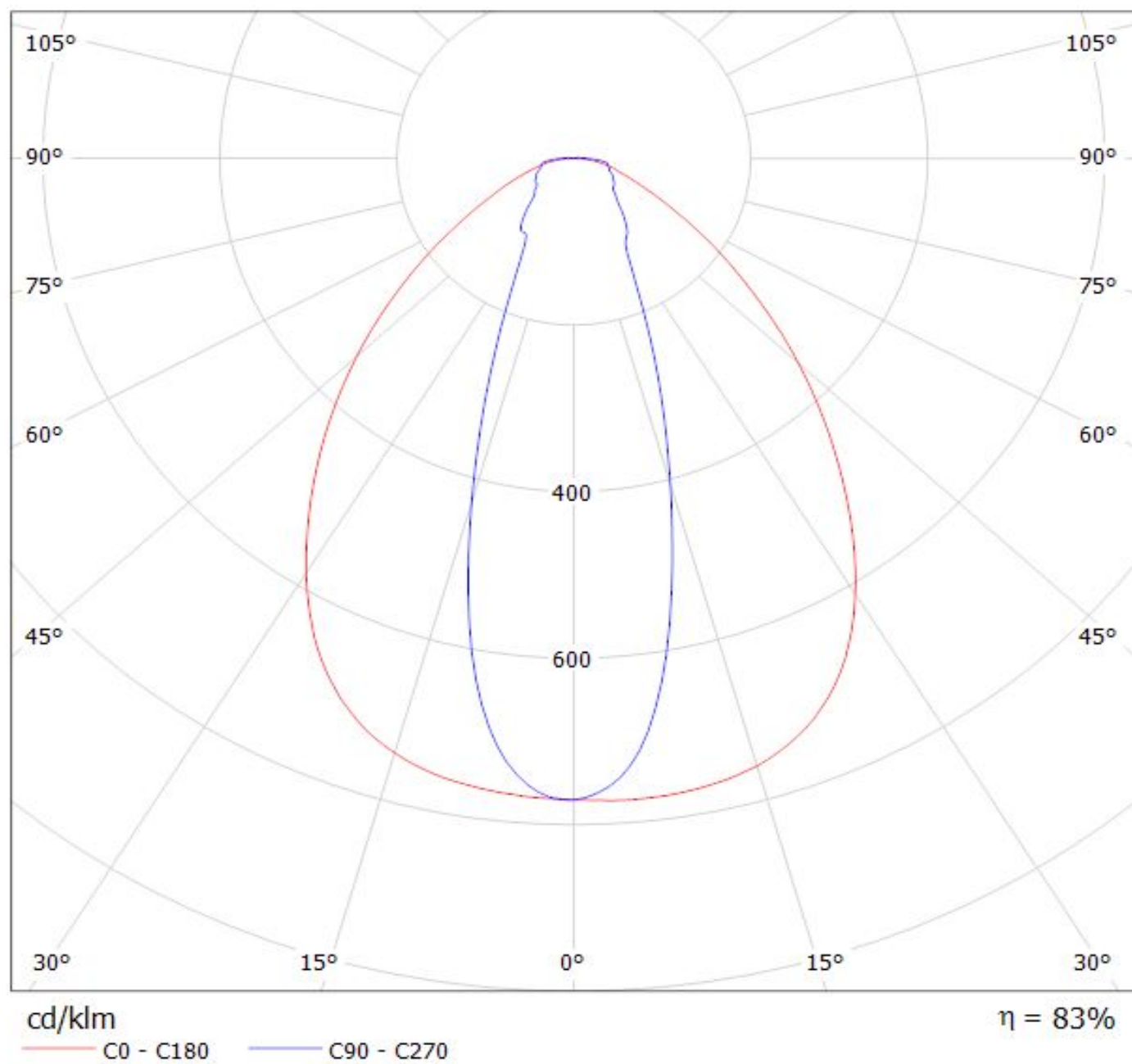


Luminaire: Ledil F15952_LINNEA-O-B_(LT-S282H)
Lamps: 1 x Samsung_LT-S282H_(LM561B+)_1143.31lm@300mA_P=7.2W_I=0.30A



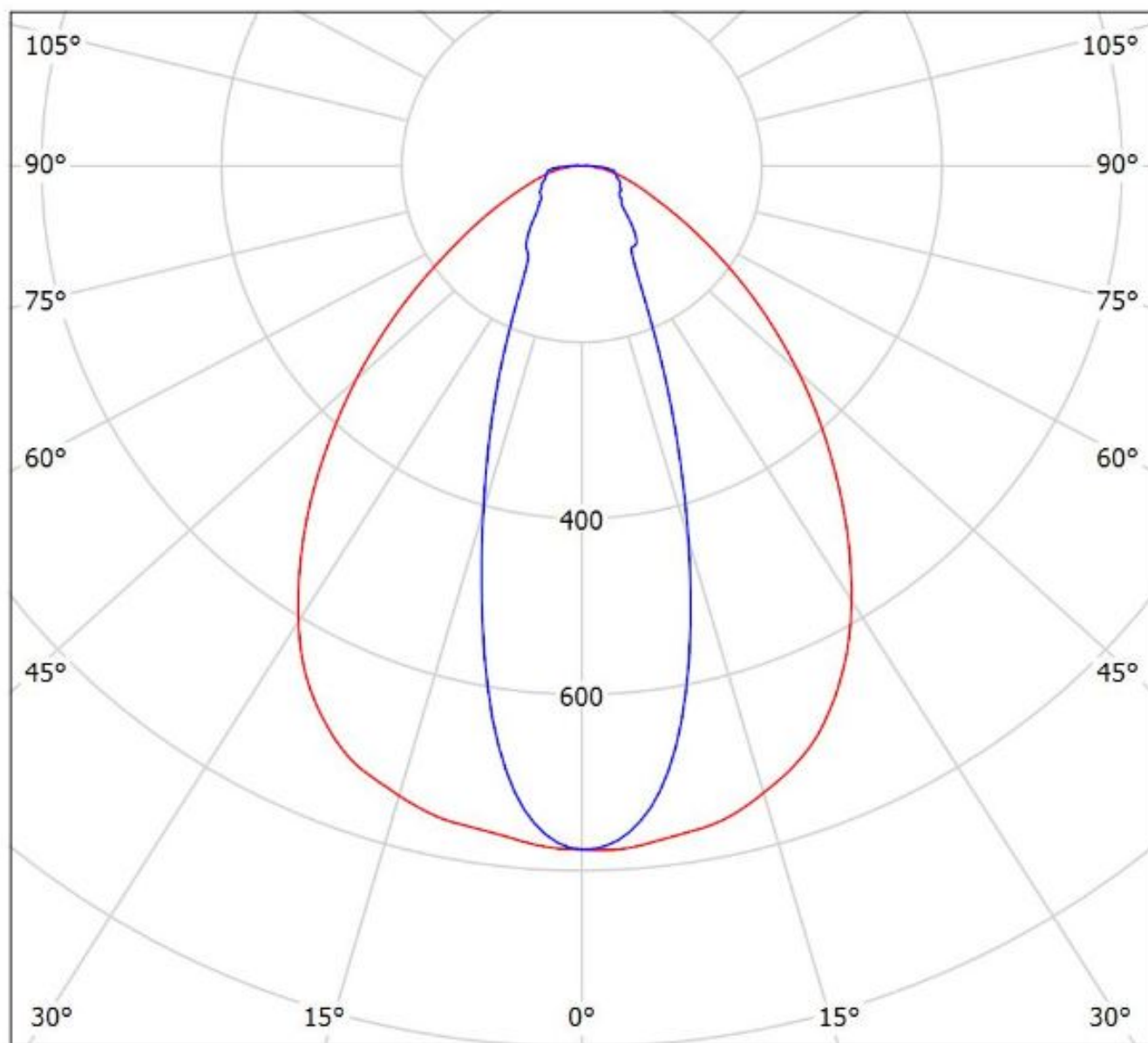
Luminaire: Ledil F15952_LINNEA-O-B_(LT-S562H)

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



Luminaire: Ledil F15952_LINNEA-O-B_(LT-Q282B)

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



cd/klm

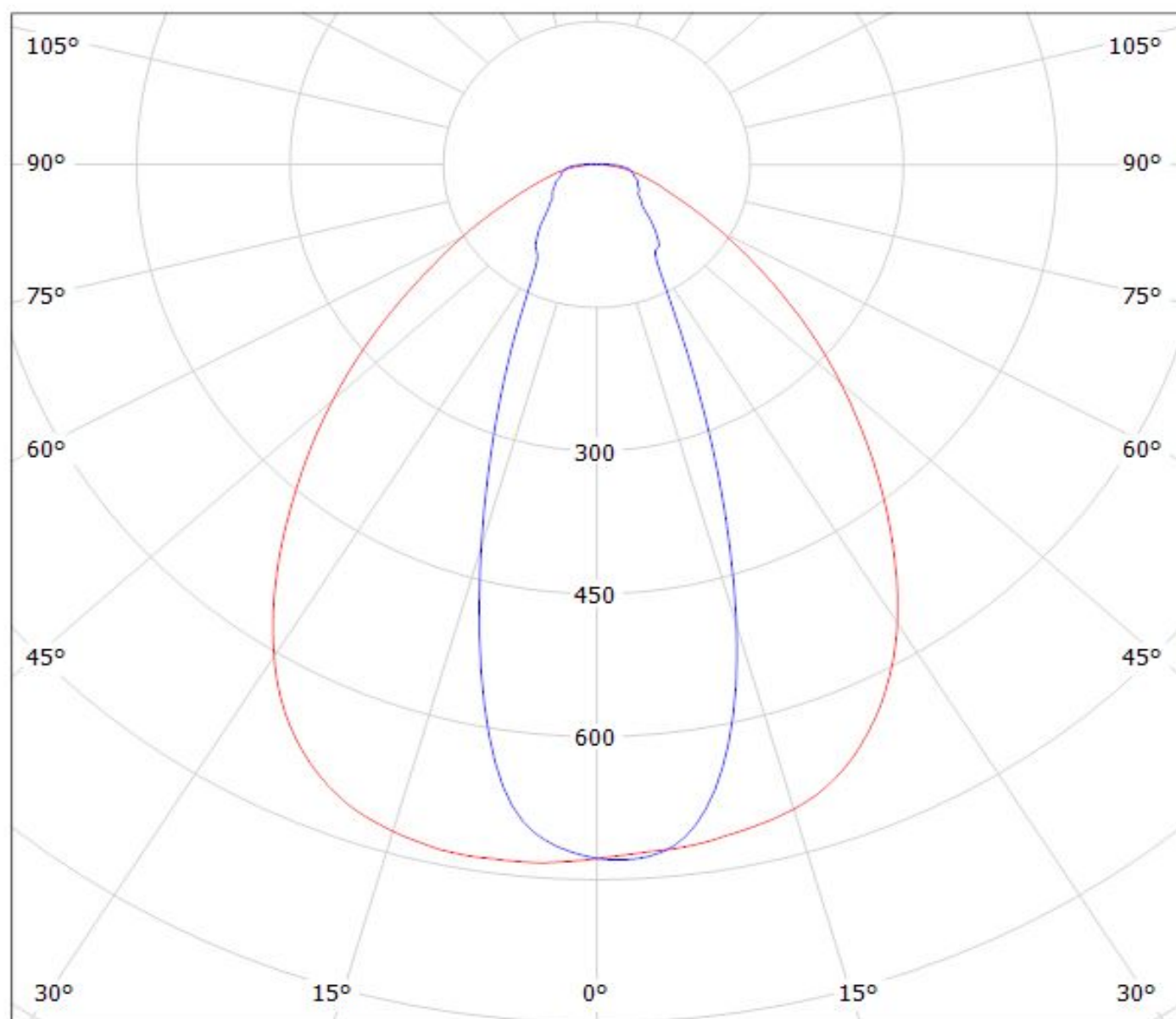
— C0 - C180

— C90 - C270

$\eta = 83\%$

Luminaire: Ledil F15952_LINNEA-O-B_(SunLike_3030)

Lamps: 1 x SEOUL_SunLike_3030_(STW9C2PB-S)_2_240.649lm@0.65mA_P=2.30531W_U=35.538V



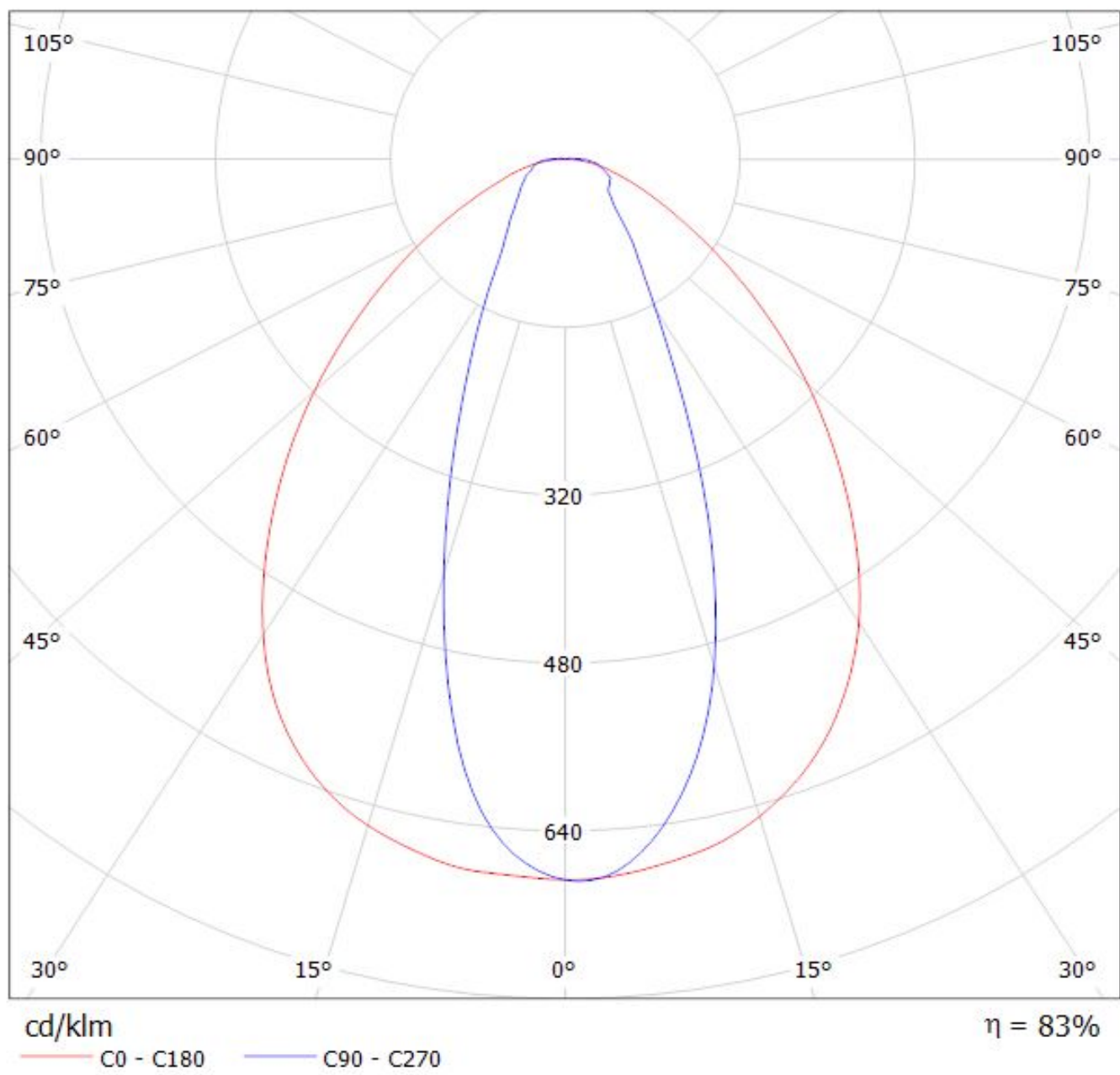
cd/klm

— C0 - C180

— C90 - C270

$\eta = 84\%$

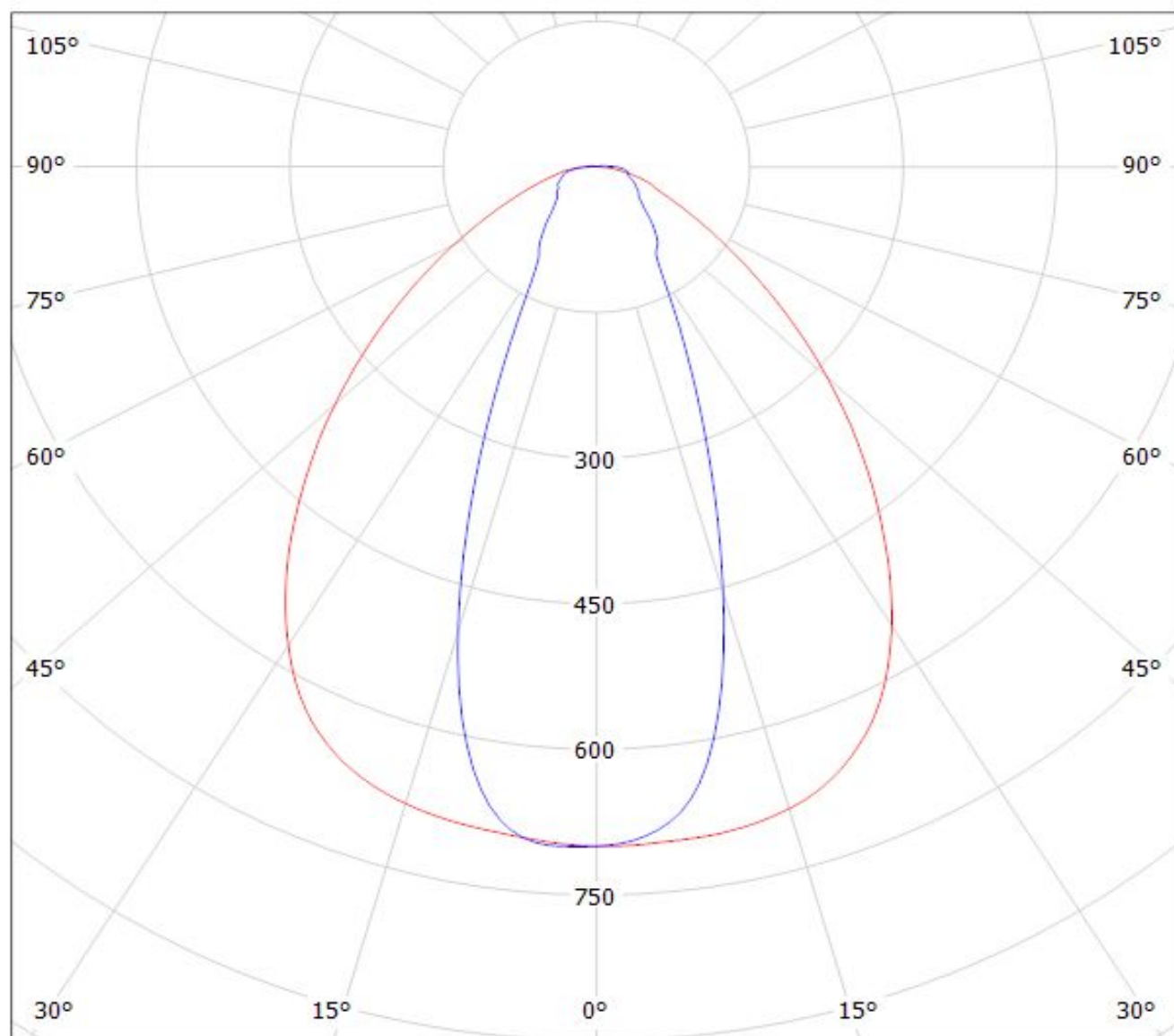
Luminaire: LEDiL Oy F15952_LINNEA-O-B_(LLE_G4_24x280mm_2000lm_840_2T_ADV)
Lamps: 1 x
Tridonic_LLE_G4_24x280mm_2000lm_840_2T_ADV_1455.22lm@250mA_CCT=4000K_P=8.45498W_I=0.250A



Luminaire: LEDiL Oy F15952_LINNEA-O-B_(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



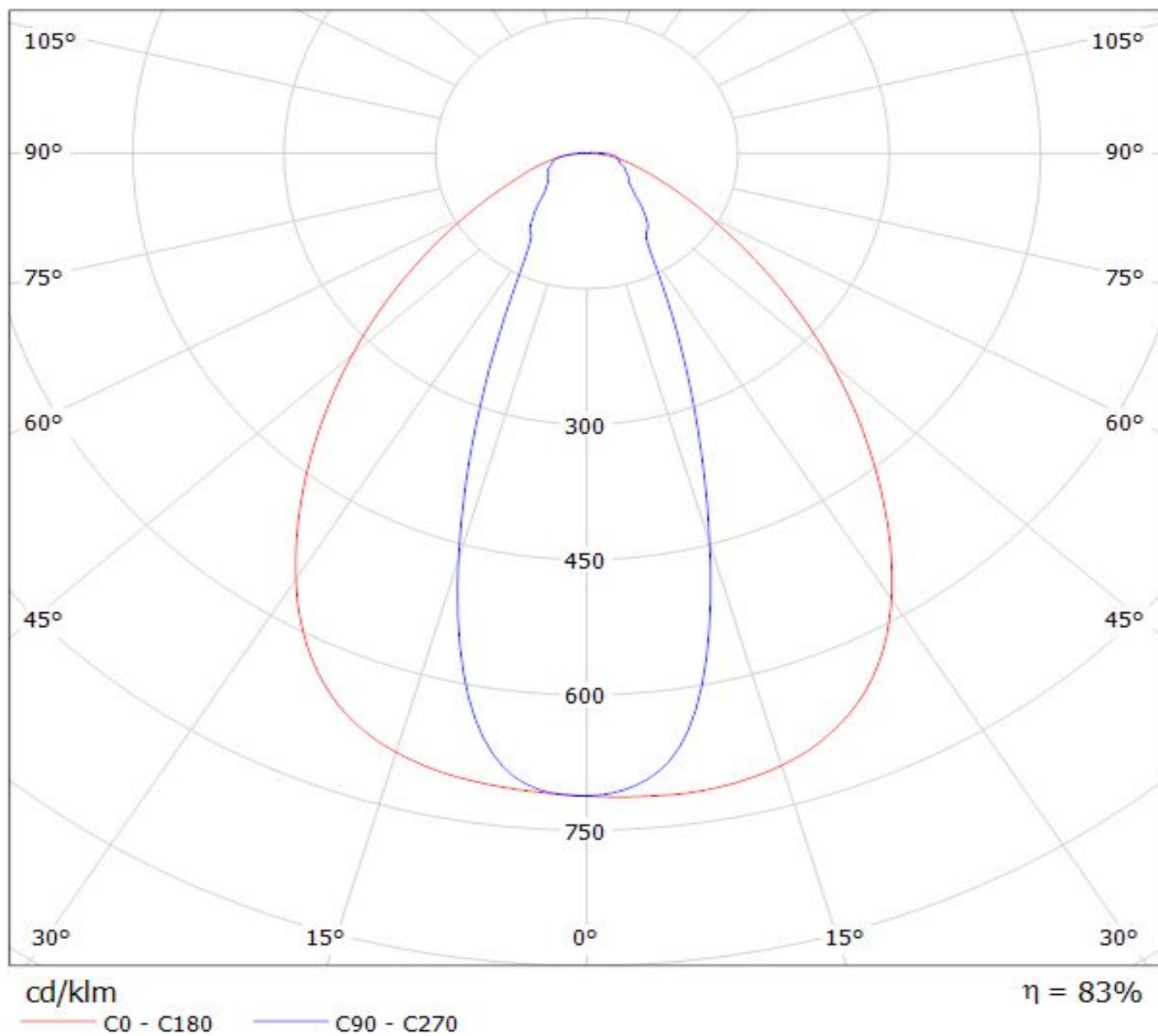
cd/klm

— C0 - C180

— C90 - C270

$\eta = 84\%$

Luminaire: Ledil F15952_LINNEA-O-B_(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



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.