

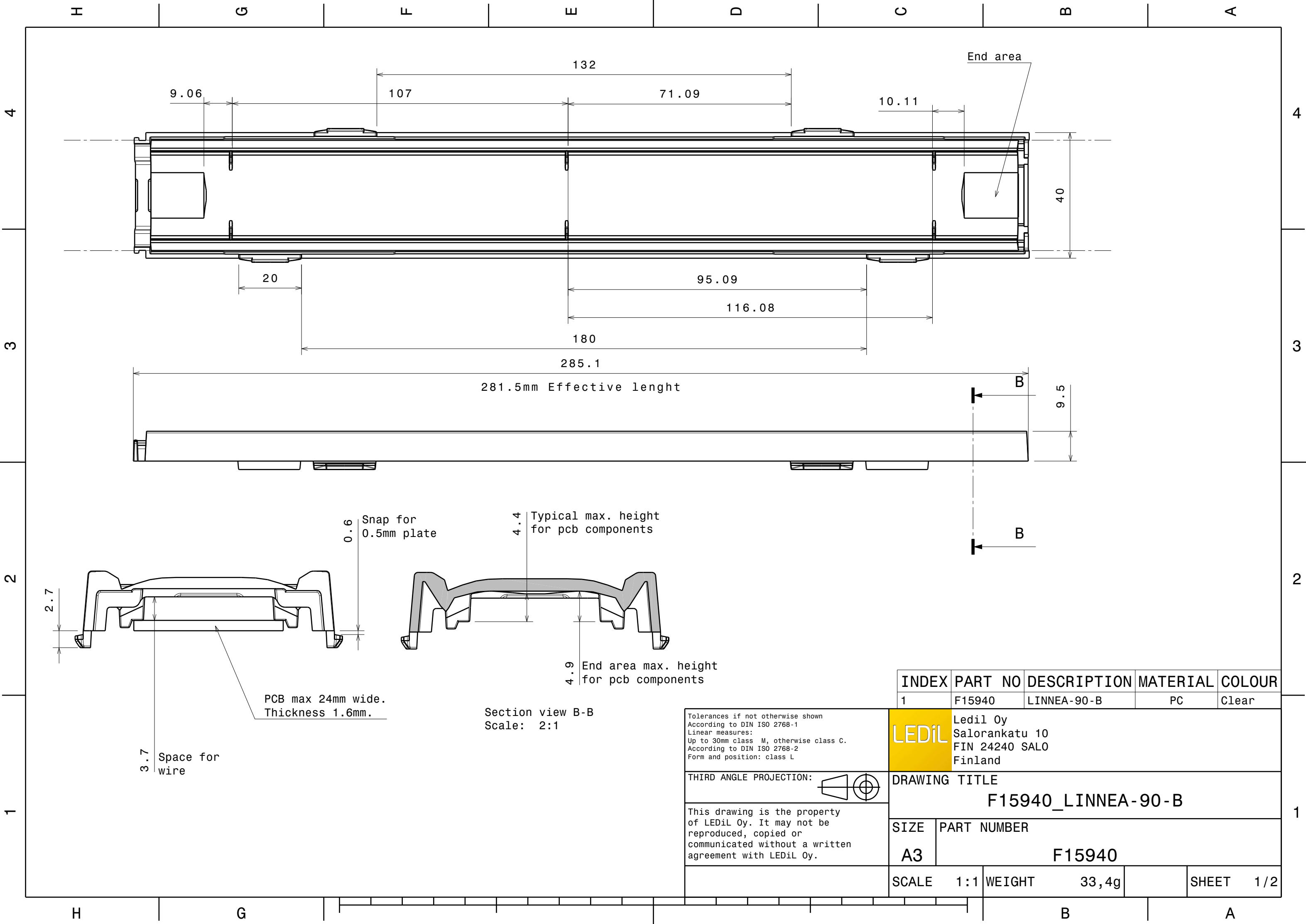
DETAILS

Product Number	F15940_LINNEA-90-B
Family	Linnea
Type	Lens
Color	clear
Diameter	285x40 mm
Height	9,5 mm
Style	rectang
Optic Material	PC
Holder Material	
Fastening	clips
Status	production ready
ROHS Compliant	Yes
Date Updated	6/04/2018



OPTICAL PROPERTIES

LED	Viewing Angle	Light Beam	Efficiency	cd/lm	Connector
Tridino 1ft 1100lm xxxHE 1R HV	103+89 deg	Very Wide	82 %	0.390	-
XP-E	104+88 deg	Very Wide	81 %	0.390	-
NF2x757D	86+96 deg	Very Wide	-	0.480	-
NFSx757G	98+88 deg	Very Wide	81 %	0.390	-
PrevaLED Linear Slim 3 (2000lm)	103+89 deg	Very Wide	81 %	0.380	-
Duris S5 (2 chip)	99+89 deg	Very Wide	83 %	0.400	-
Duris S5 (Single chip)	98+89 deg	Very Wide	85 %	0.410	-
Fortimo LED Strip 1ft 1100lm FC HV4 & L100+89 deg	100+89 deg	Very Wide	82 %	0.400	-
Fortimo LED Strip 1ft 650lm FC HV4 & L102+90 deg	102+90 deg	Very Wide	82 %	0.380	-
LM561B Plus	89+104 deg	Very Wide	83 %	0.380	-
LT-V282E	103+86 deg	Very Wide	85 %	0.400	-
LT-V562E	103+86 deg	Very Wide	85 %	0.400	-
LT-H282C	103+87 deg	Very Wide	84 %	0.400	-
LT-H562C	103+87 deg	Very Wide	84 %	0.400	-
LT-S282H	104+86 deg	Very Wide	85 %	0.400	-
LT-S562H	104+86 deg	Very Wide	85 %	0.400	-
LT-Q282B	101+87 deg	Very Wide	84 %	0.400	-
SunLike 3030	99+88 deg	Very Wide	85 %	0.410	-
LLE G4 24x280mm 2000lm ADV	98+88 deg	Very Wide	83 %	0.410	-
LLE G4 24x280mm 650lm	99+89 deg	Very Wide	84 %	0.410	-
LLE G4 24x280mm 1250lm	100+89 deg	Very Wide	83 %	0.400	-



INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	F15940	LINNEA-90-B	PC	Clear

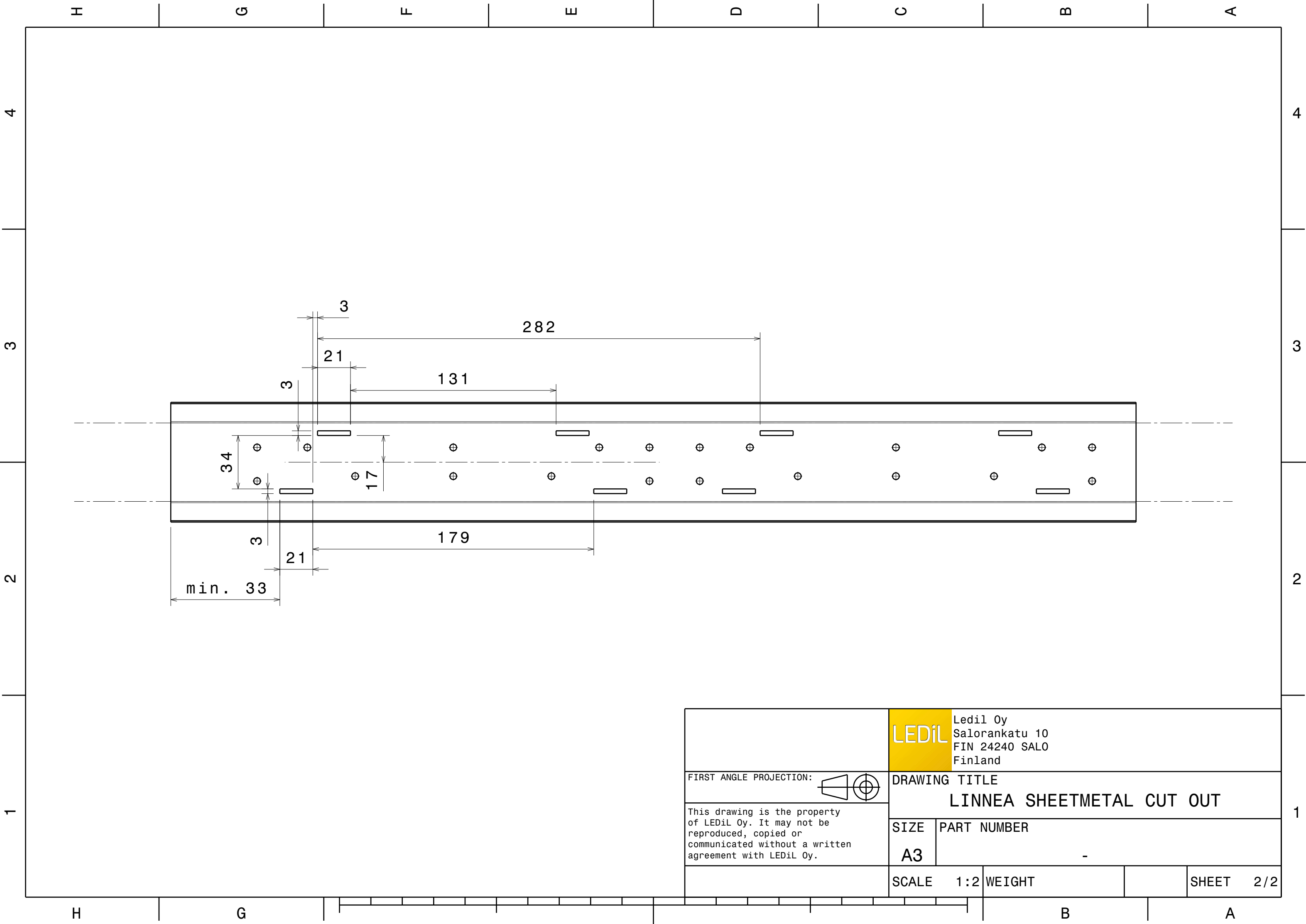
LEDiL	LediL Oy Salorankatu 10 FIN 24240 SALO Finland			
	DRAWING TITLE F15940_LINNEA-90-B			

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:

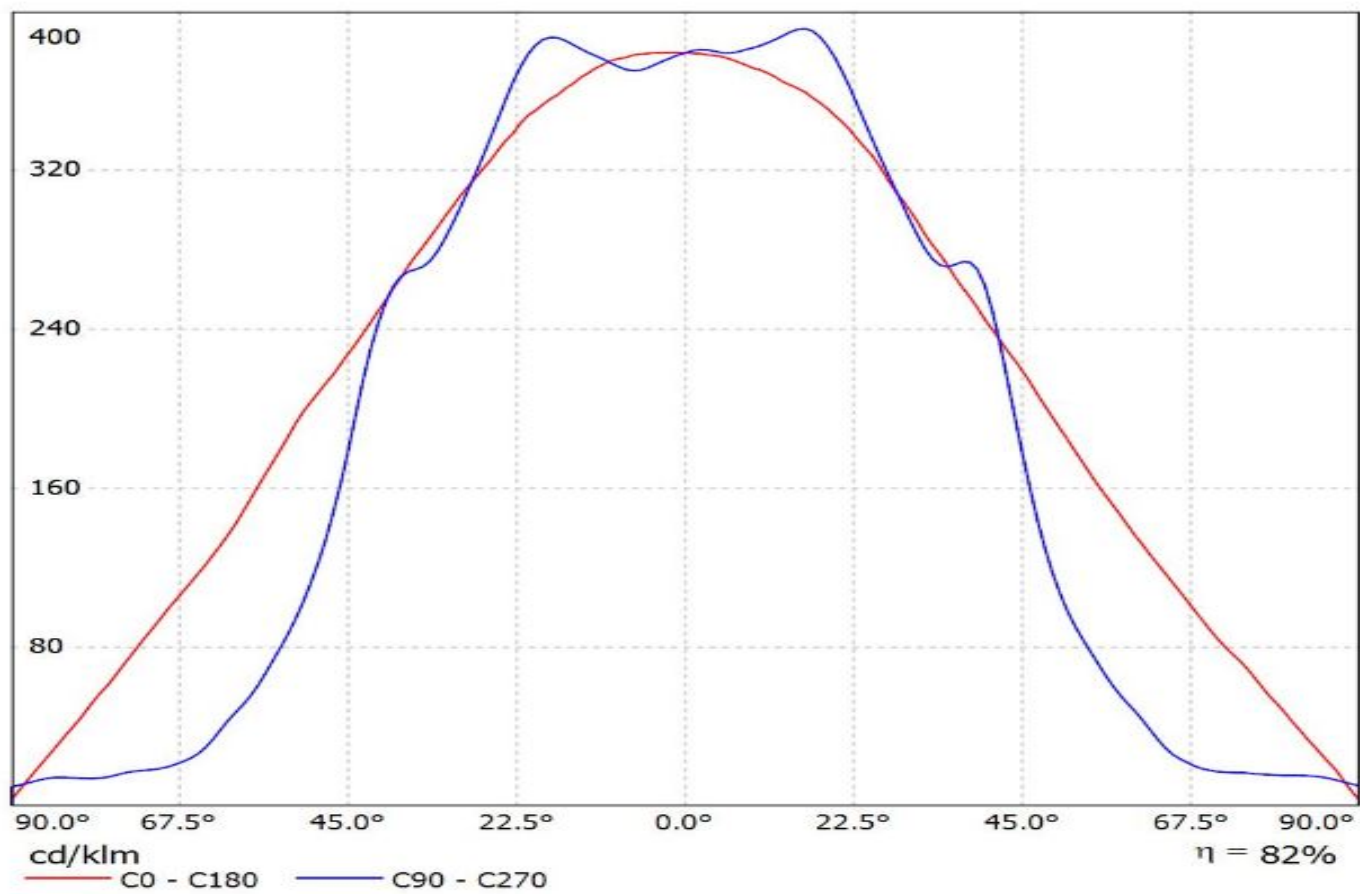
This drawing is the property
of LEDiL Oy. It may not be
reproduced, copied or
communicated without a written
agreement with LEDiL Oy.

SIZE	PART NUMBER			
A3	F15940			
SCALE	1:1	WEIGHT	33,4g	SHEET 1/2



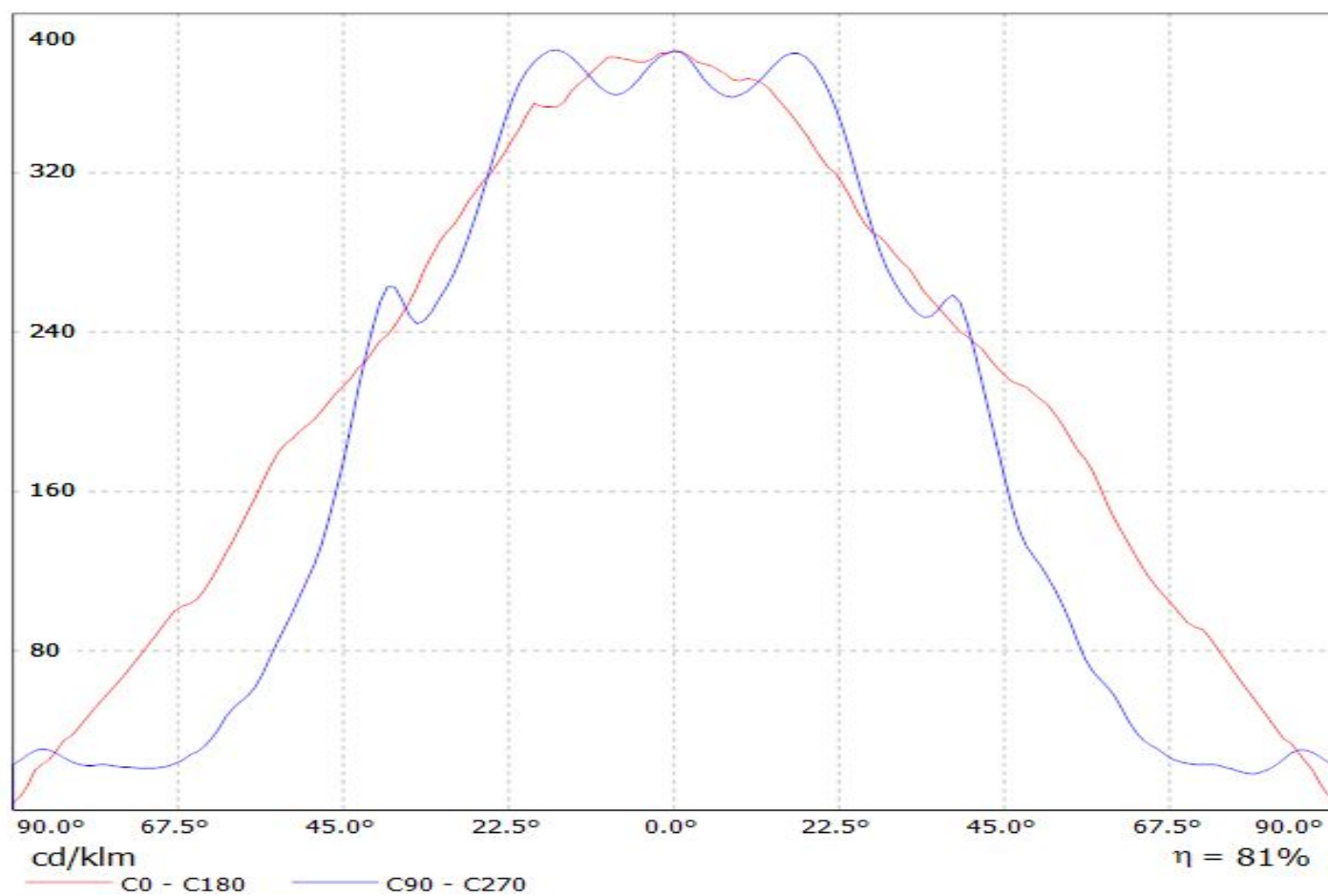
		LEDiL LediL Oy Salorankatu 10 FIN 24240 SALO Finland			
FIRST ANGLE PROJECTION:		DRAWING TITLE LINNEA SHEETMETAL CUT OUT			
This drawing is the property of LEDiL Oy. It may not be reproduced, copied or communicated without a written agreement with LEDiL Oy.		SIZE A3	PART NUMBER -		
		SCALE 1:2	WEIGHT		SHEET 2/2

Luminaire: LEDiL Oy F15940 LINNEA-90-B_(Tridino_1ft_1100lm_840HE_1R_HV)
Lamps: 1 x Tridino_1ft_1100lm_840HE_1R_HV_1215.69lm@225mA_P=7.12573W_η=0.225A



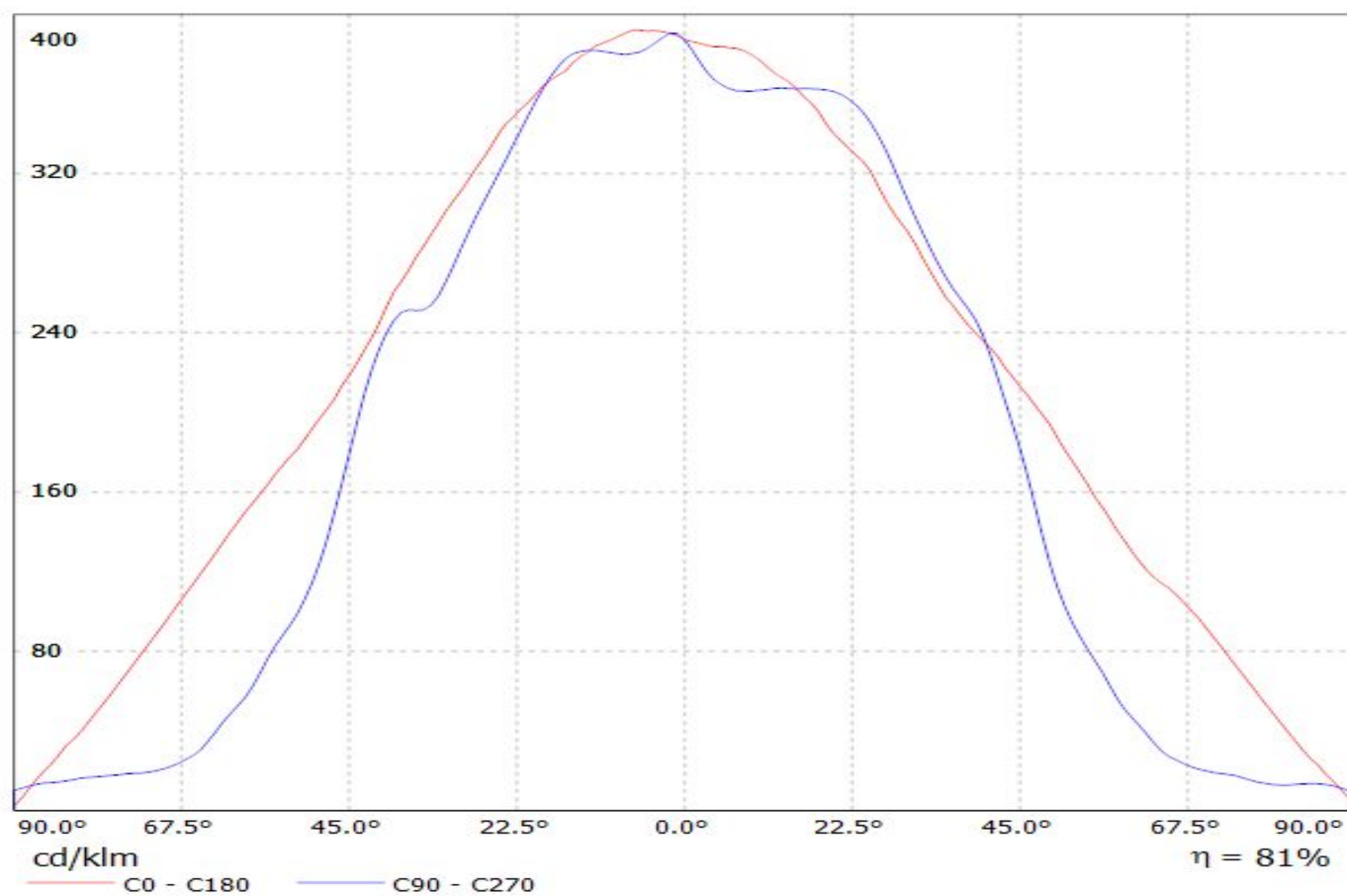
Luminaire: LEDiL Oy F15940_LINNEA-90-B_(XP-E)

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

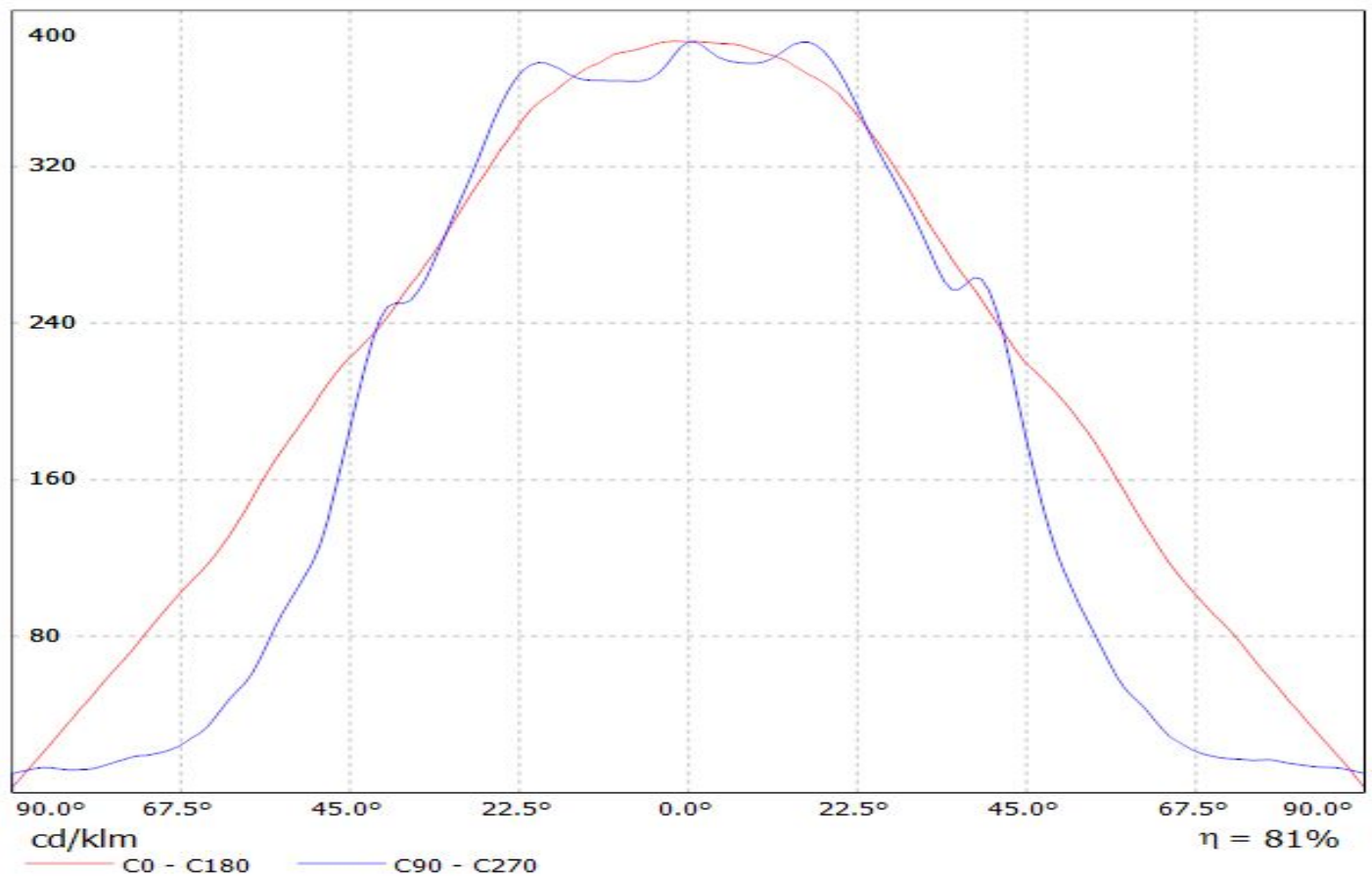


Luminaire: LEDiL Oy F15940 LINNEA-90-B_(NFSx757G)

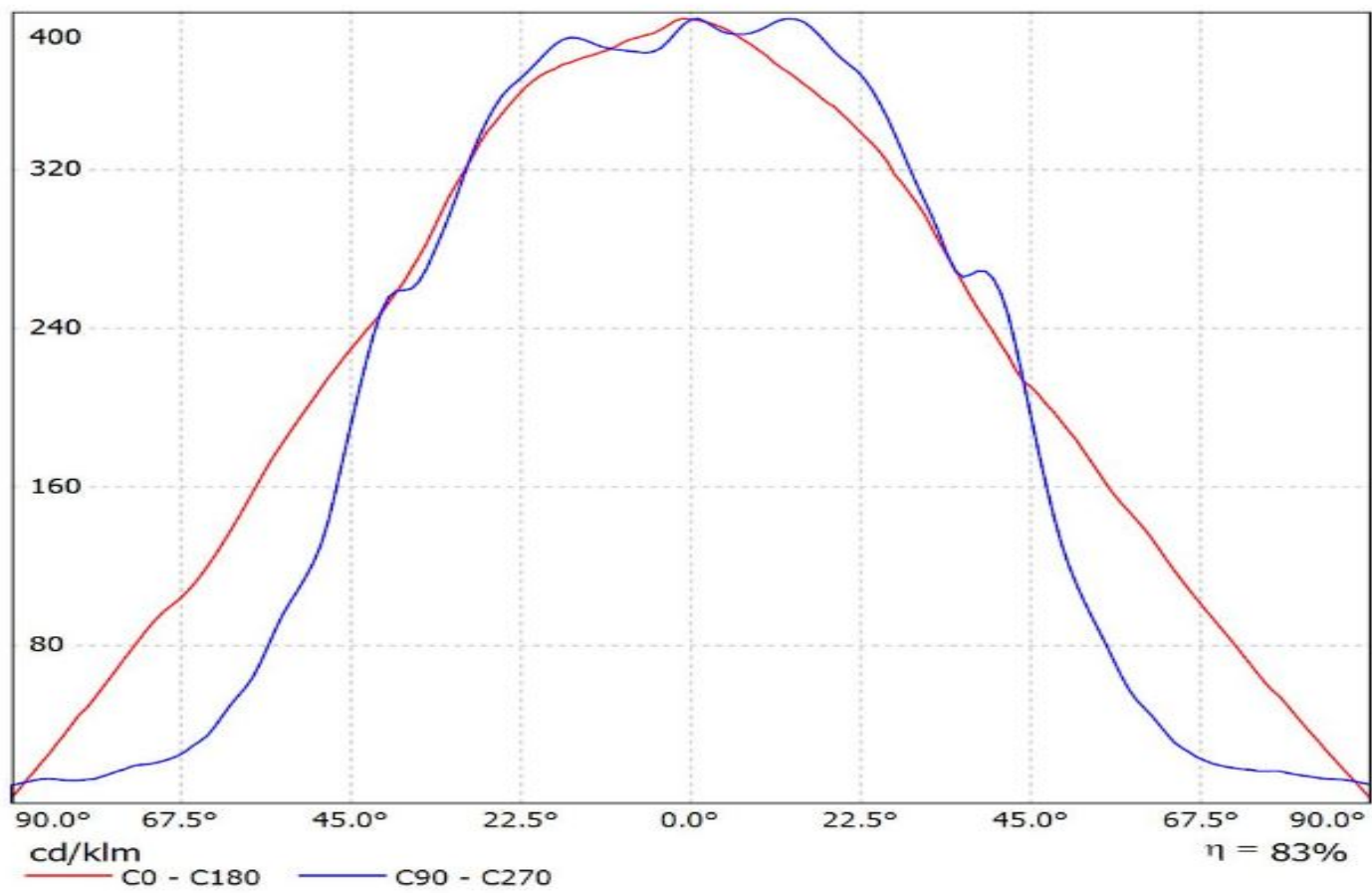
Lamps: 1 x Nichia_NFSx757Gx12_389.068lm@65mA_P=2.23905W_U=34.391V



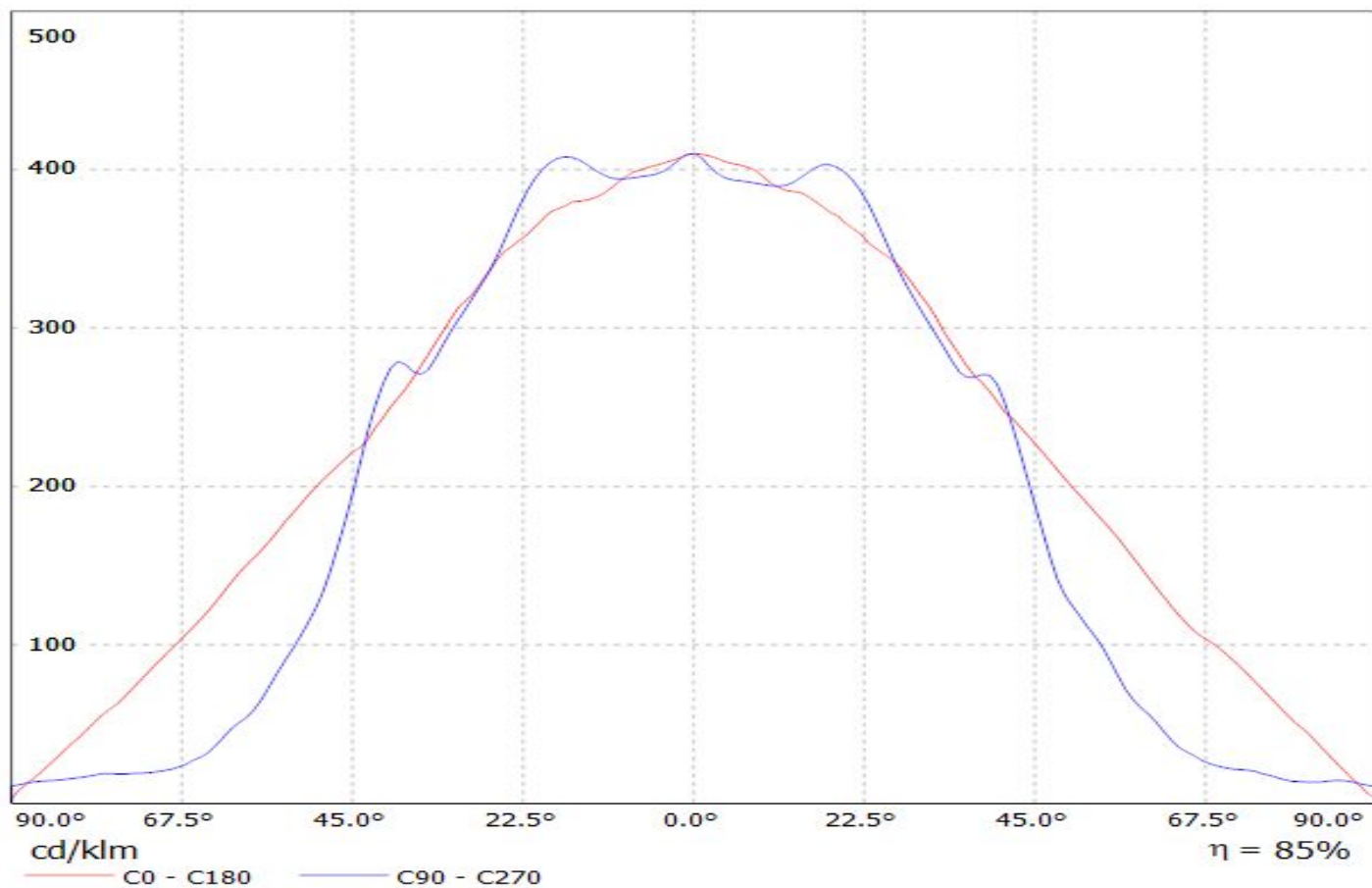
Luminaire: Ledil F15940_LINNEA-90-B_(Prevaled_Linear_Slim_3)
Lamps: 1 x Osram_Prevaled_Linear_Slim_3_(PL-LIN S-Z3-2000-840-280)
_1949.14lm@300mA_CCT=4000K_P=12.0015W_U=40.179V



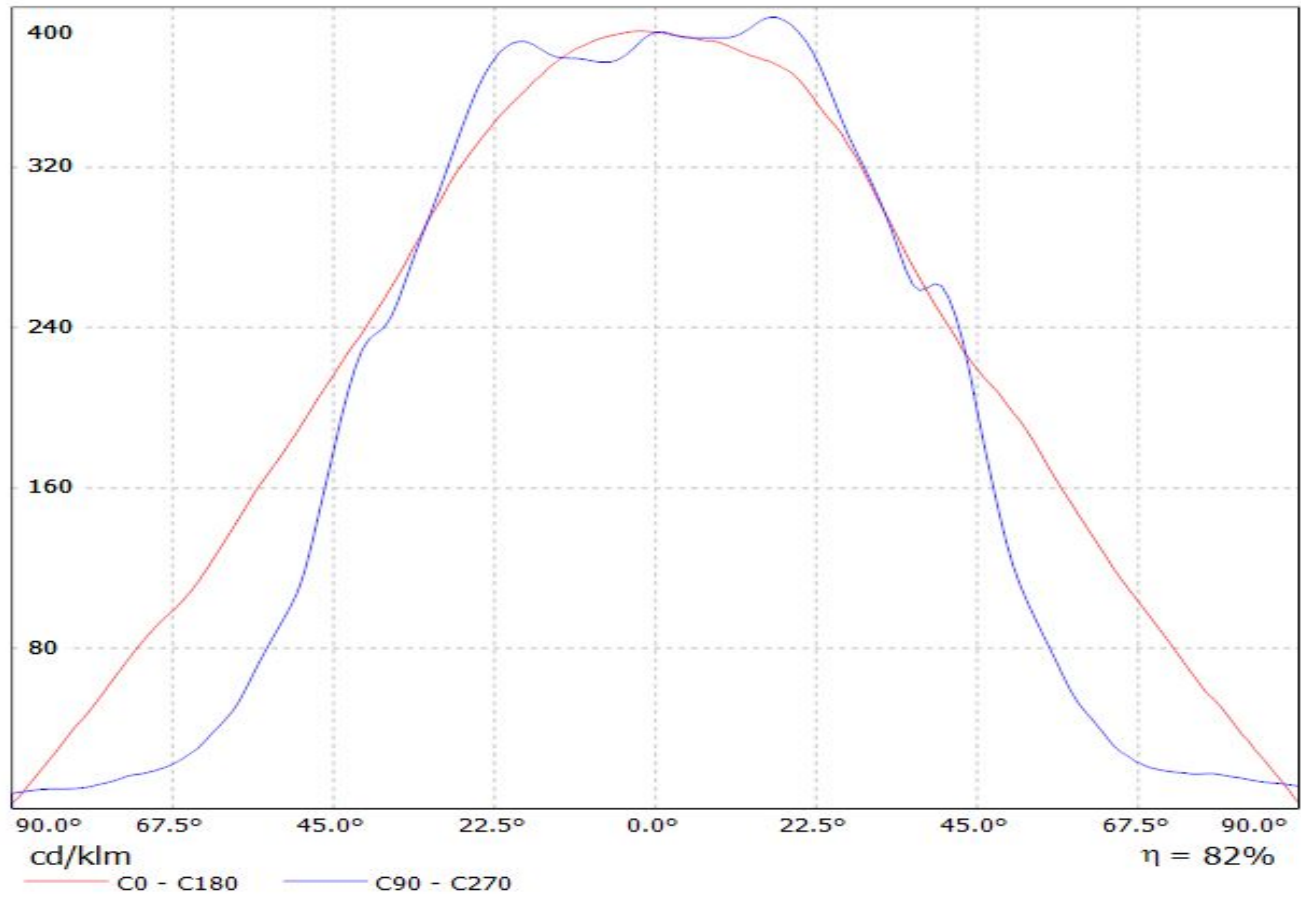
Luminaire: Ledil F15940_LINNEA-90-B_(Duris_S5)
Lamps: 1 x Osram_Duris_S5_1183.73lm@250mA_P=8.66003W_U=34.724V



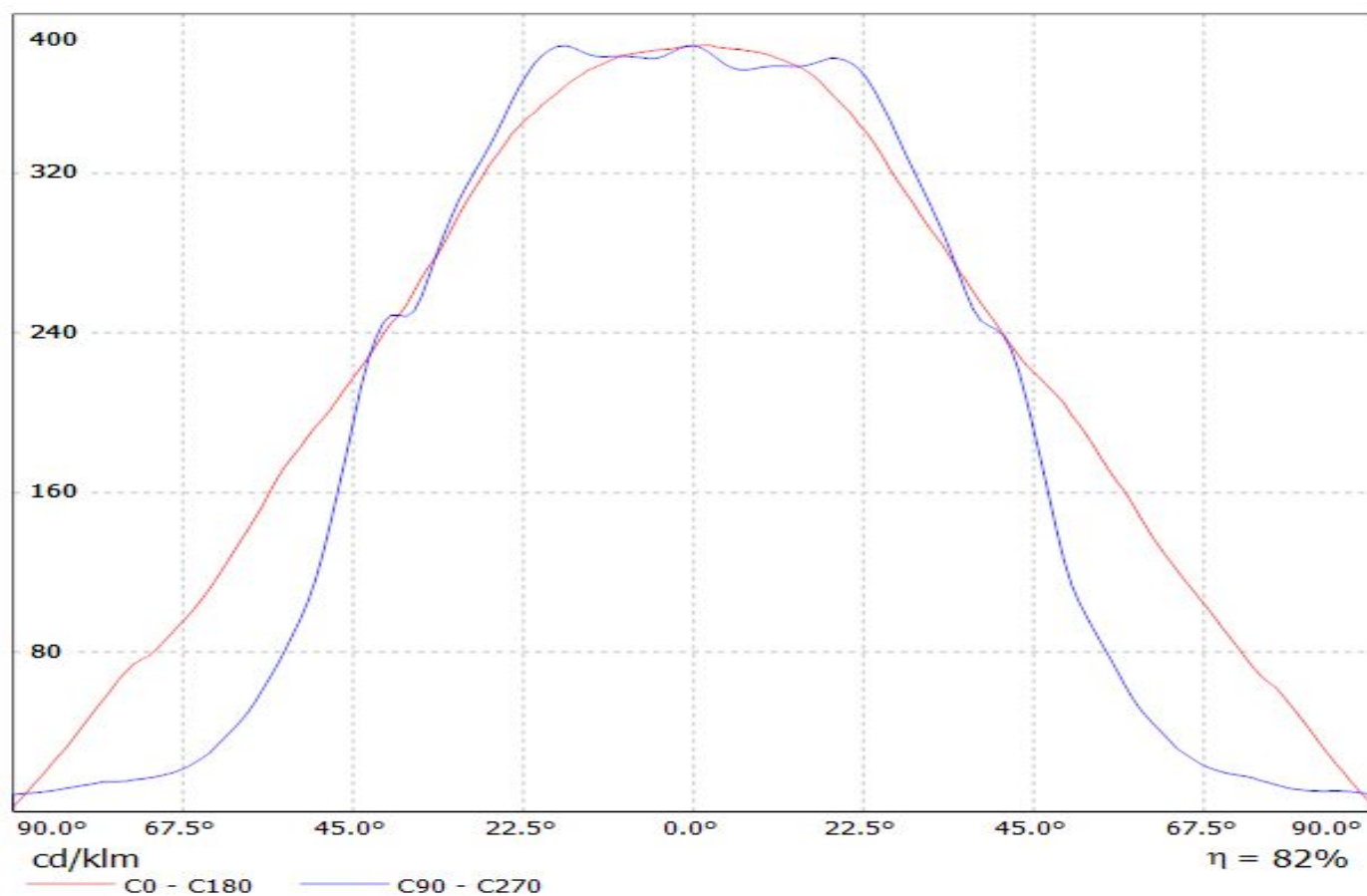
Luminaire: LEDiL Oy F15940_LINNEA-90-B_(Duris_S5_1chip)
Lamps: 1 x Osram_Duris_S5_1chip_(GWPSLM31_EM-GUHQ-A535-1)
_359.255lm@65mA_P=2.13817W_U=33.253V



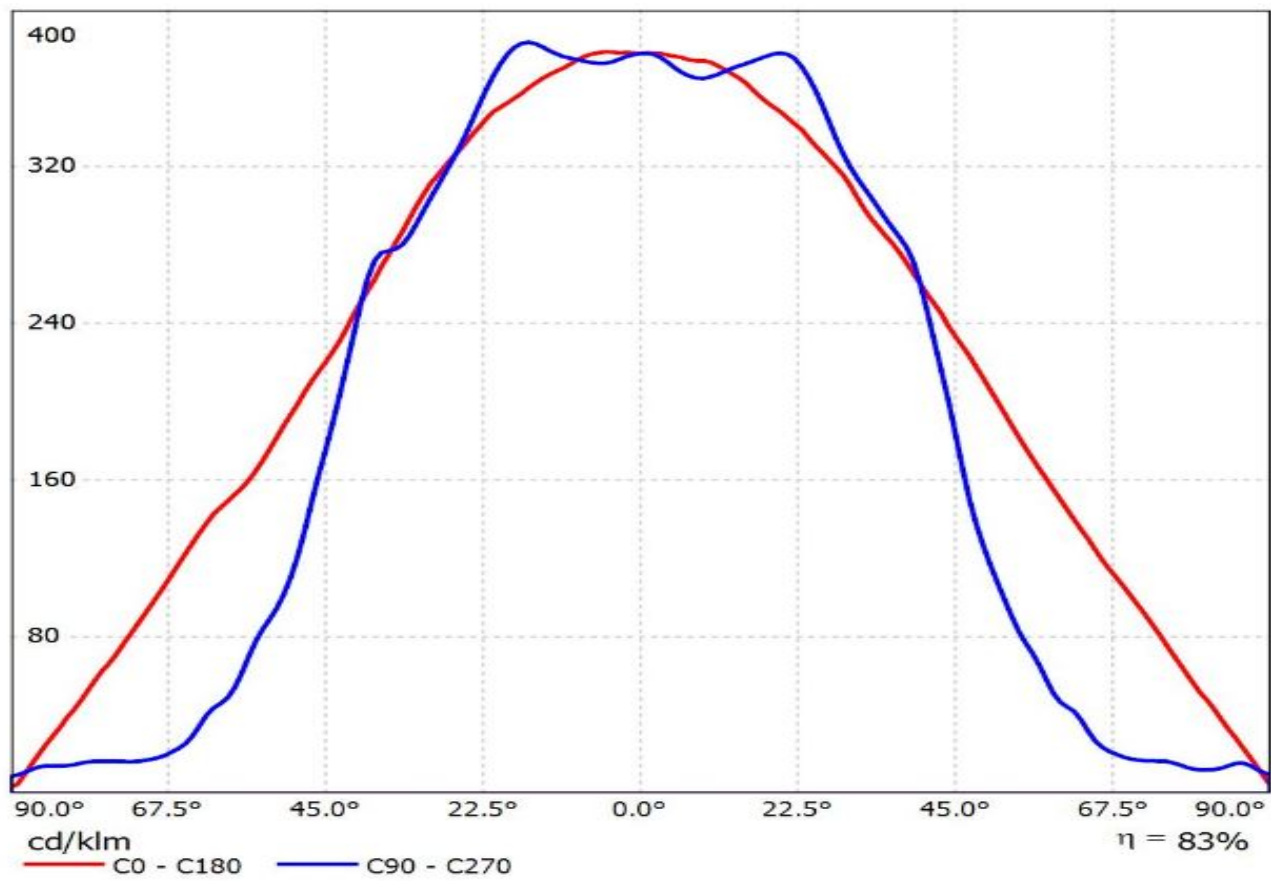
Luminaire: Ledil F15940_LINNEA-90-B_(Fortimo_LED_Strip_1ft_1100lm_FC_HV4)
Lamps: 1 x Philips_Fortimo_LED_Strip_1ft_1100lm_930_FC_HV4_735.772lm@250mA_P=5.6145W_U=22.496V



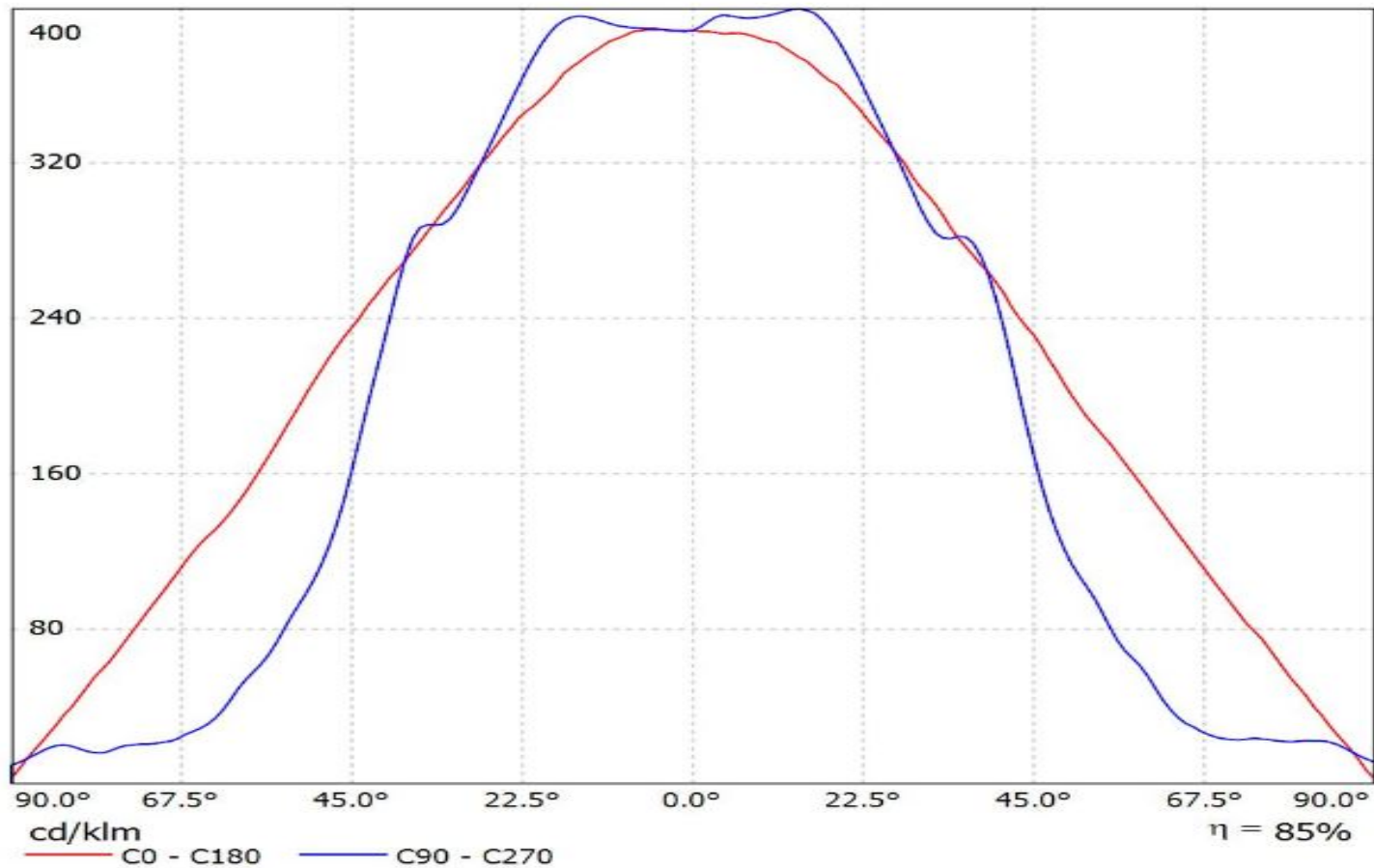
Luminaire: Ledil F15940_LINNEA-90-B_(Fortimo_LED_Strip_1ft_650lm_FC_LV4)
Lamps: 1 x Philips_Fortimo_LED_Strip_1ft_650lm_FC_LV4_994.849lm@190mA_P=6.82273W_U=35.990V



Luminaire: Ledil F15940_LINNEA-90-B_(LM561B+)
Lamps: 1 x Samsung_LM561B+_x24_1418.16lm@250mA_P=9.1415W_I=0.25A

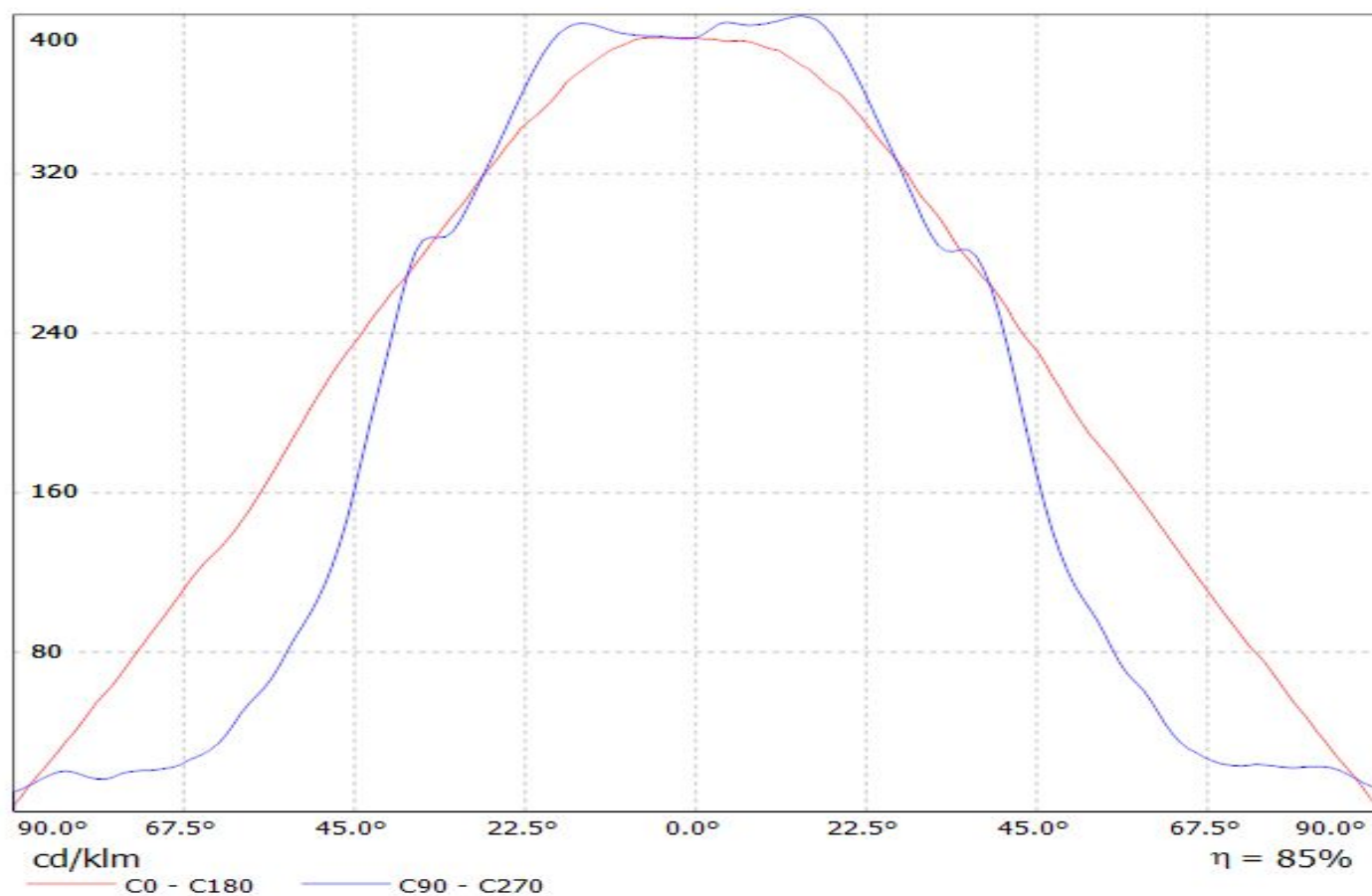


Luminaire: Ledil F15940_LINNEA-90-B_(LT-V282E)
Lamps: 1 x Samsung_LT-V282E_(LM281B)_1072.13lm@300mA_CCT=4000K_P=7.1427W_I=0.30A



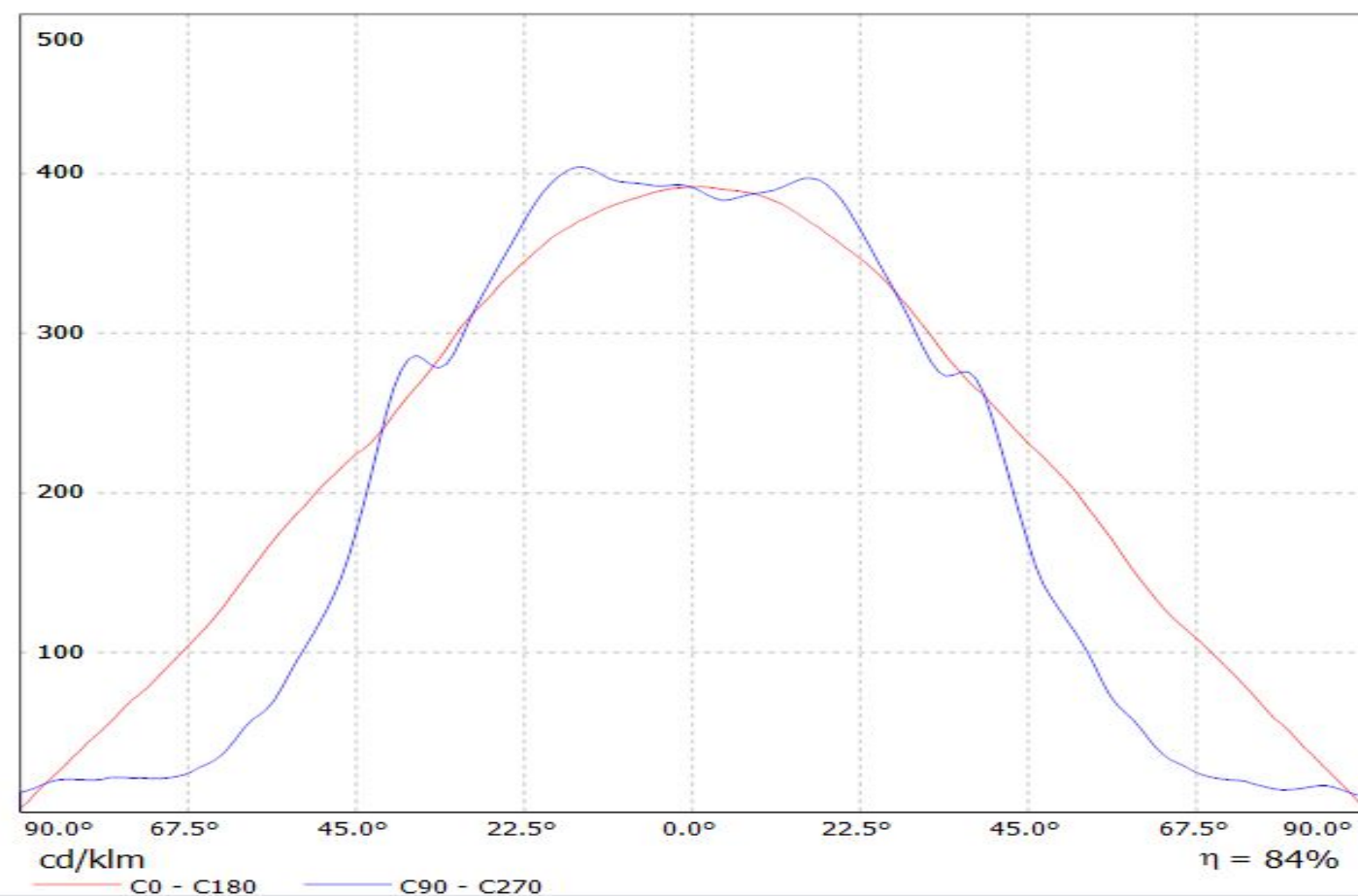
Luminaire: Ledil F15940 LINNEA-90-B_(LT-V562E)

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



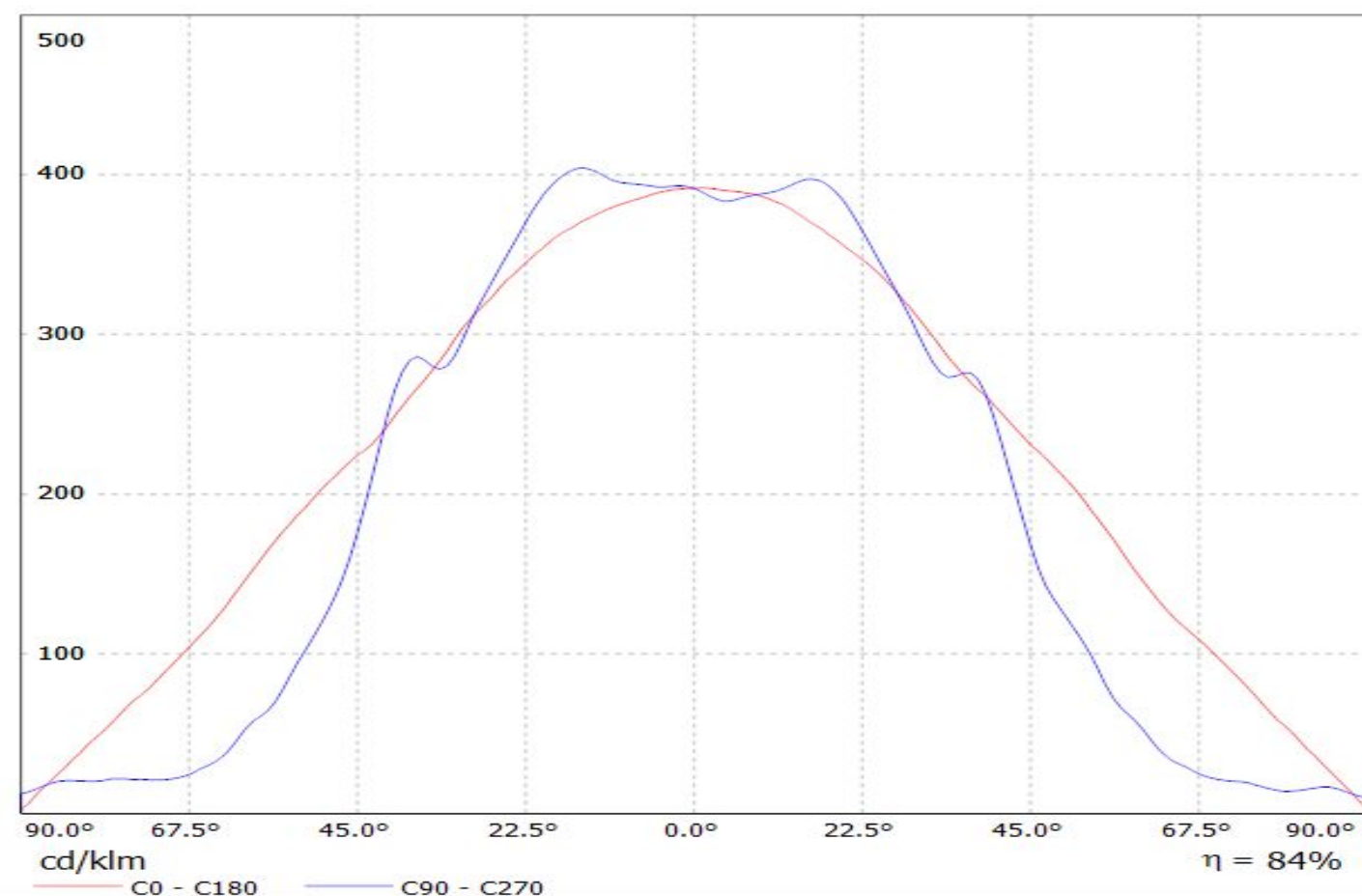
Luminaire: Ledil F15940_LINNEA-90-B_(LT-H282C)

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

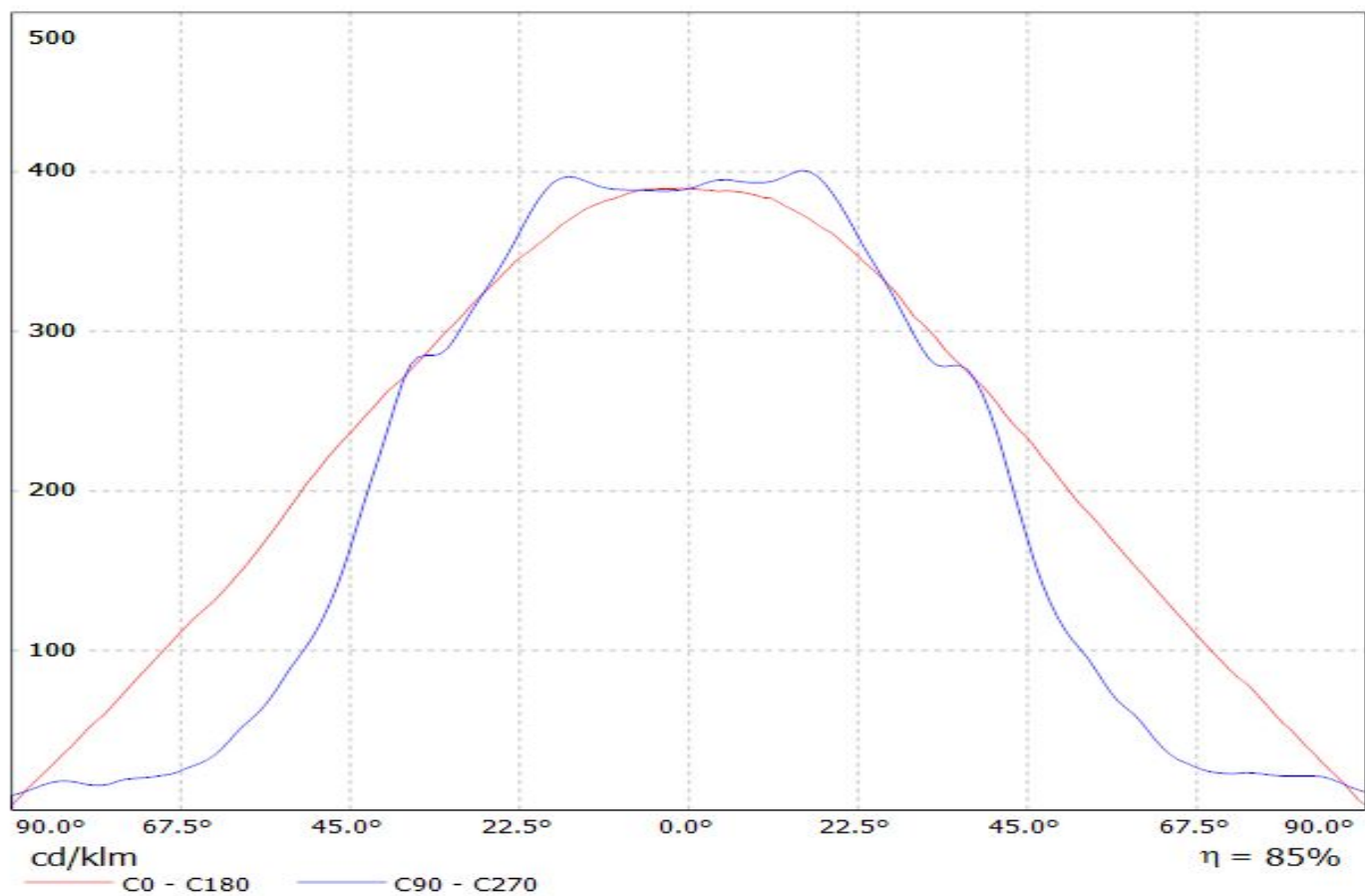


Luminaire: Ledil F15940 LINNEA-90-B_(LT-H562C)

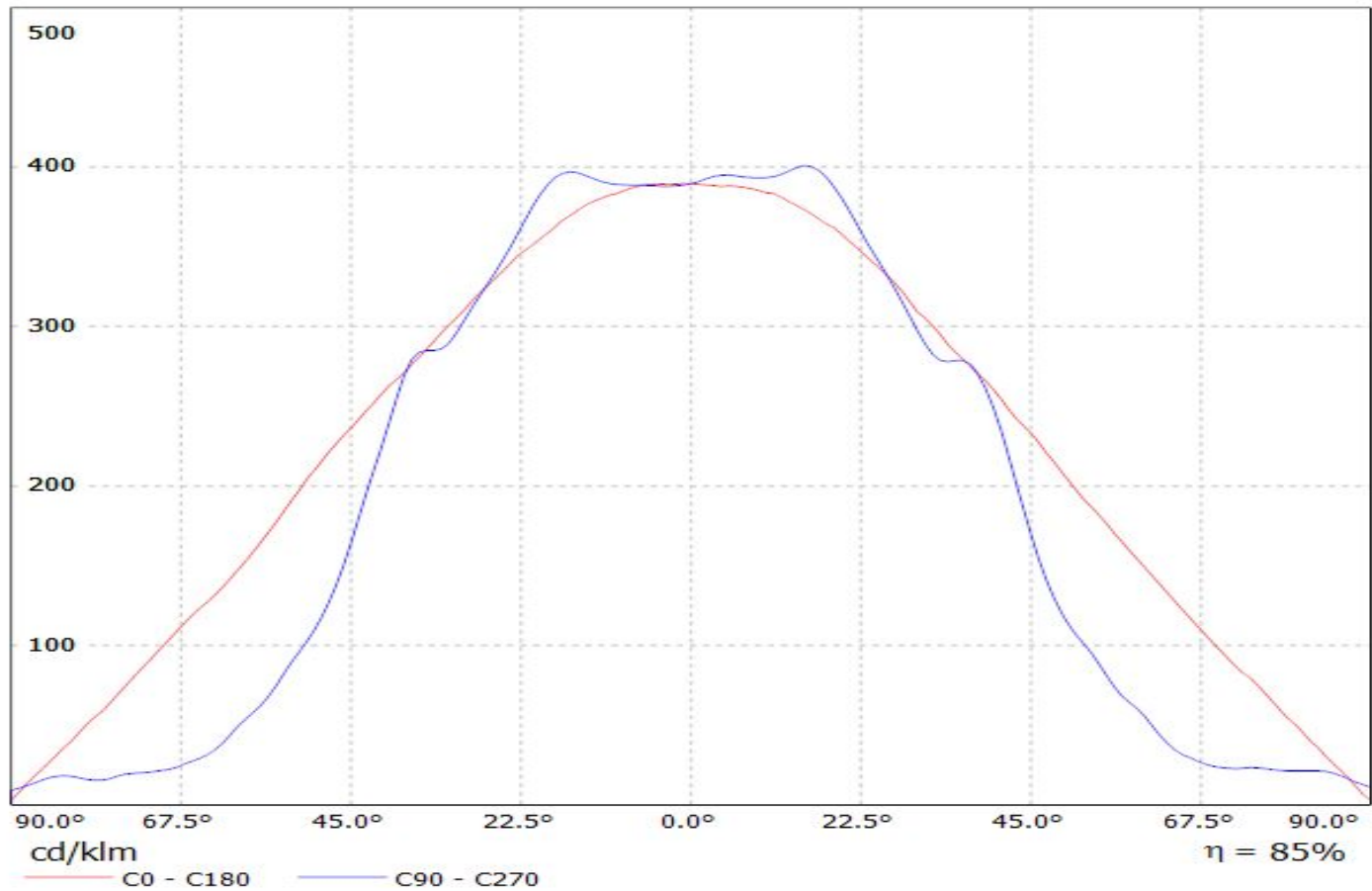
Lamps: 1 x Samsung_LT-H562C_(LM561C)_1994.1lm@240mA_CCT=4000K_P=10.8689W_I=0.240A



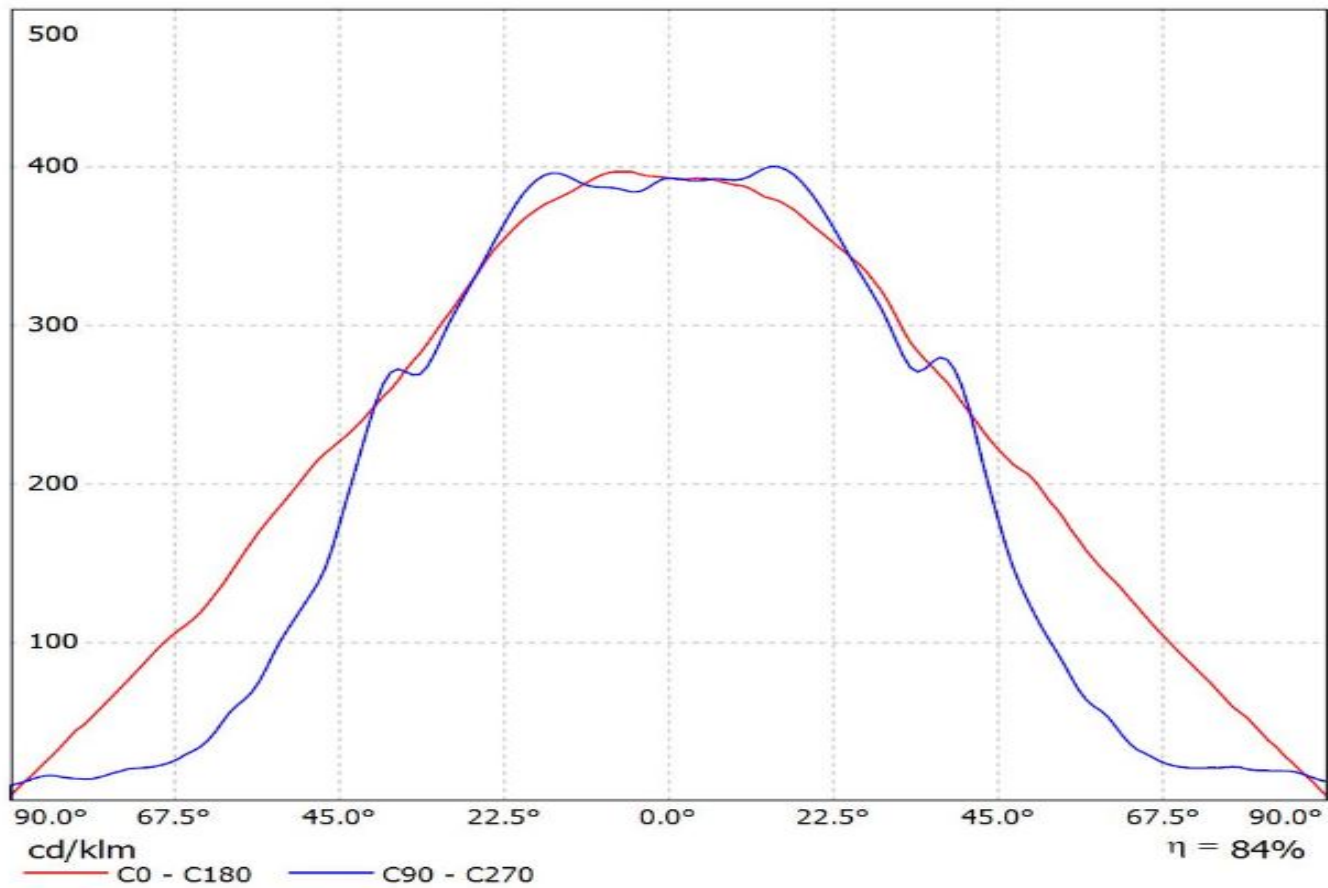
Luminaire: Ledil F15940 LINNEA-90-B (LT-S282H)
Lamps: 1 x Samsung LT-S282H (LM561B+) 1143.31lm@300mA_P=7.2W_I=0.30A



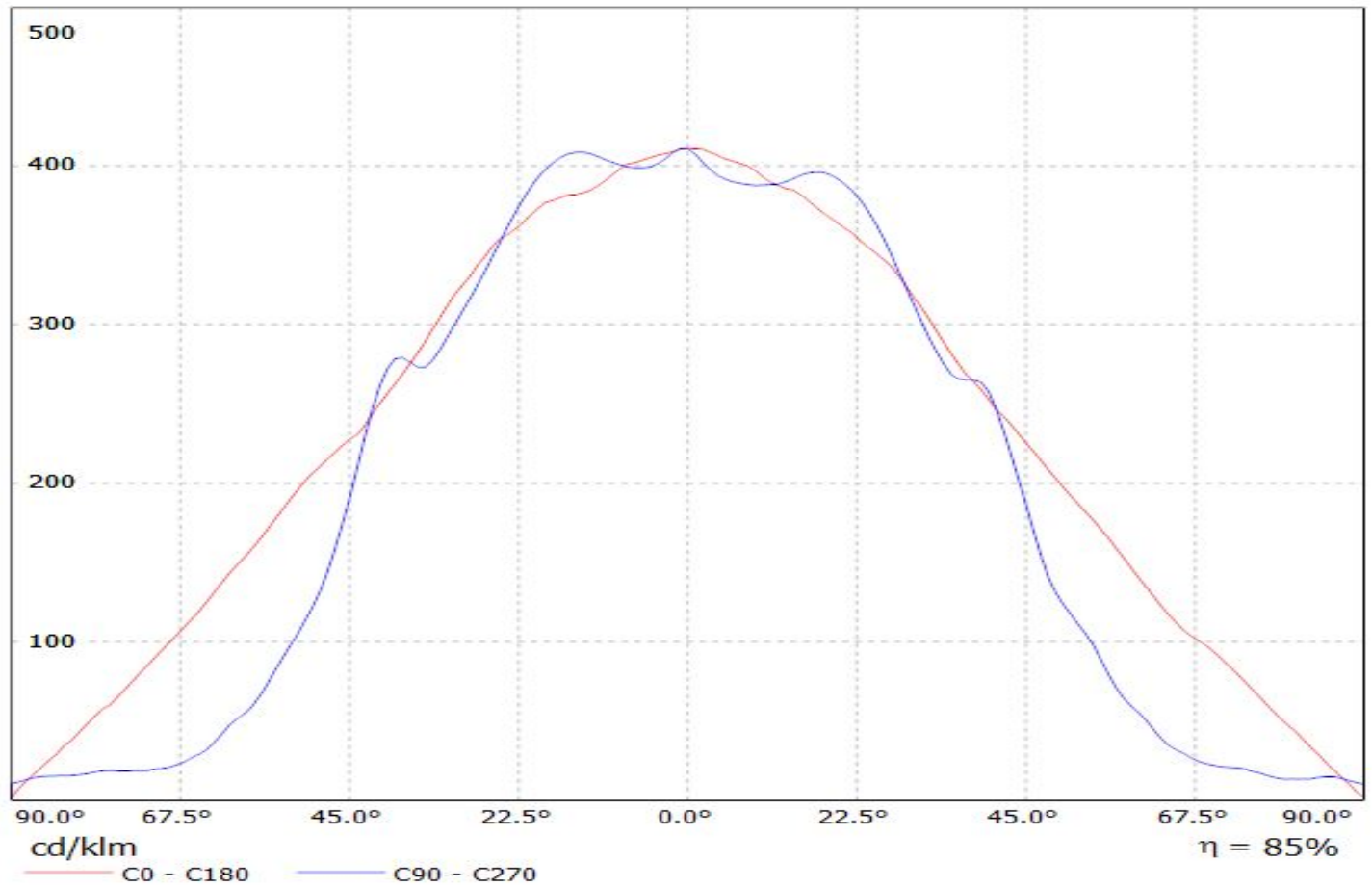
Luminaire: Ledil F15940 LINNEA-90-B_(LT-S562H)
Lamps: 1 x Samsung_LT-S562H_(LM561B+)_2286.62lm@300mA_P=14.4W_I=0.30A



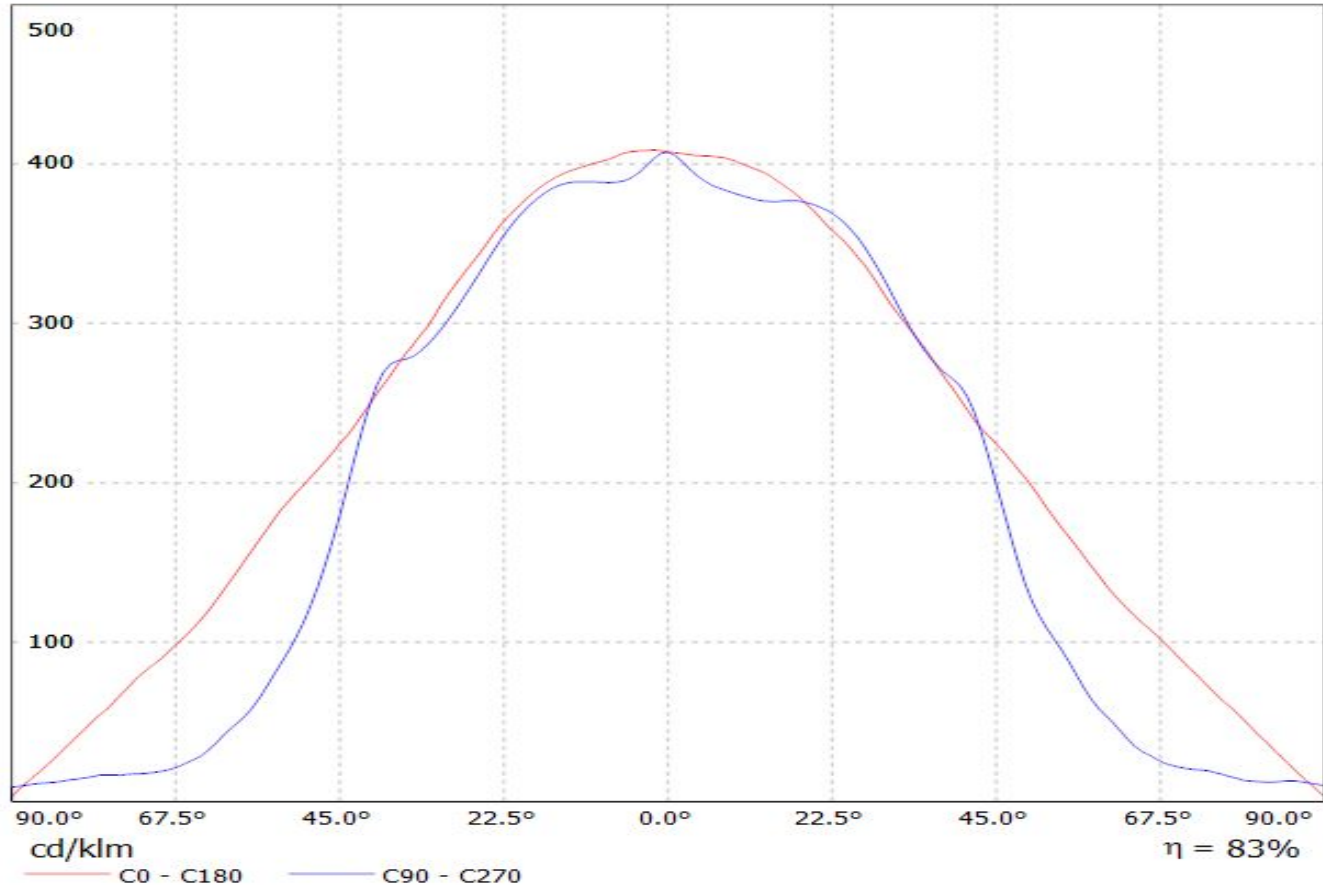
Luminaire: Ledil F15940 LINNEA-90-B (LT-Q282B)
Lamps: 1 x Samsung_LT-Q282B_(LM301B_SI-B8T053280EU)_943.526lm@180mA_P=4.99618W_U=27.805V



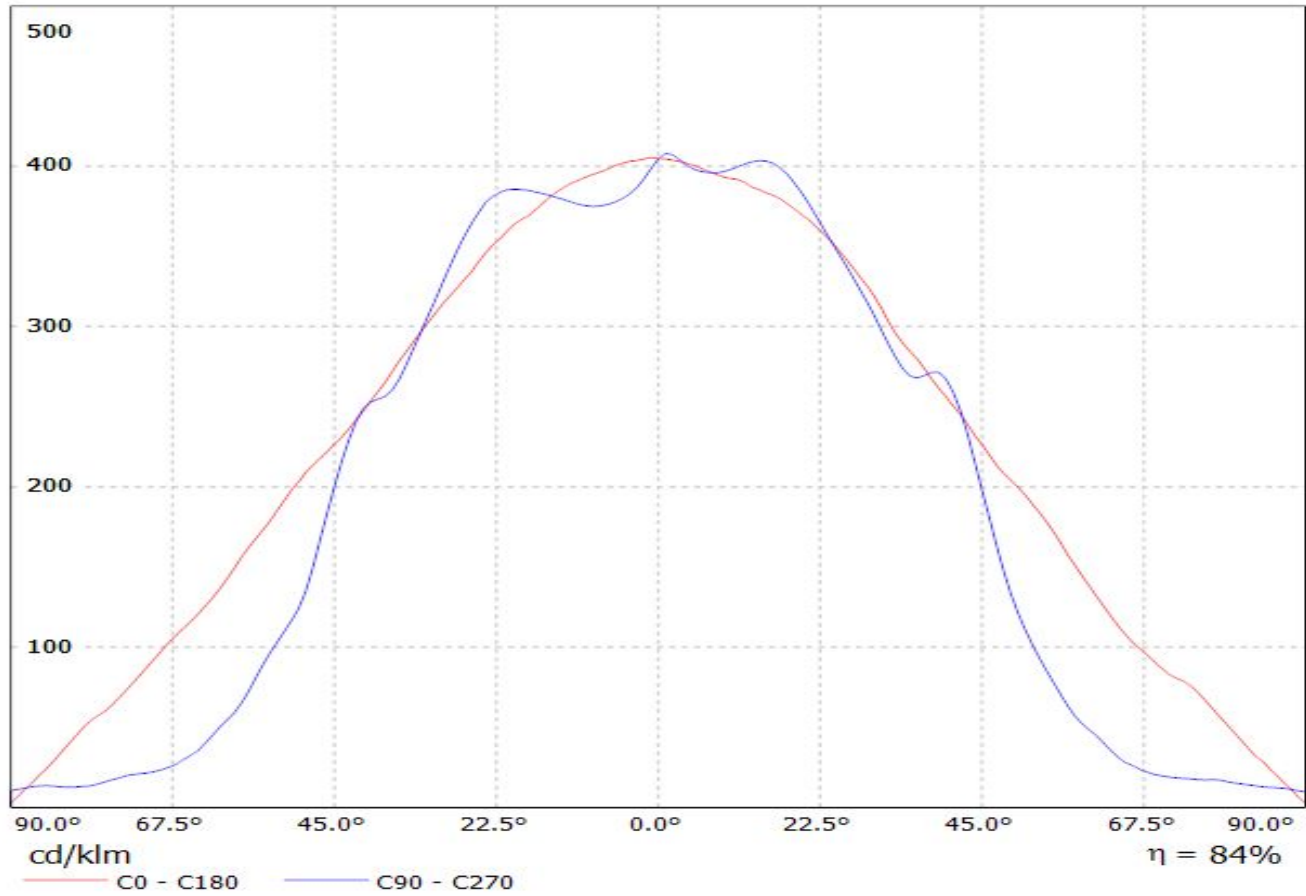
Luminaire: Ledil F15940_LINNEA-90-B_(SunLike 3030)
Lamps: 1 x SEOUL_SunLike 3030_(STW9C2PB-S)_2_240.649lm@0.65mA_P=2.30531W_U=35.538V



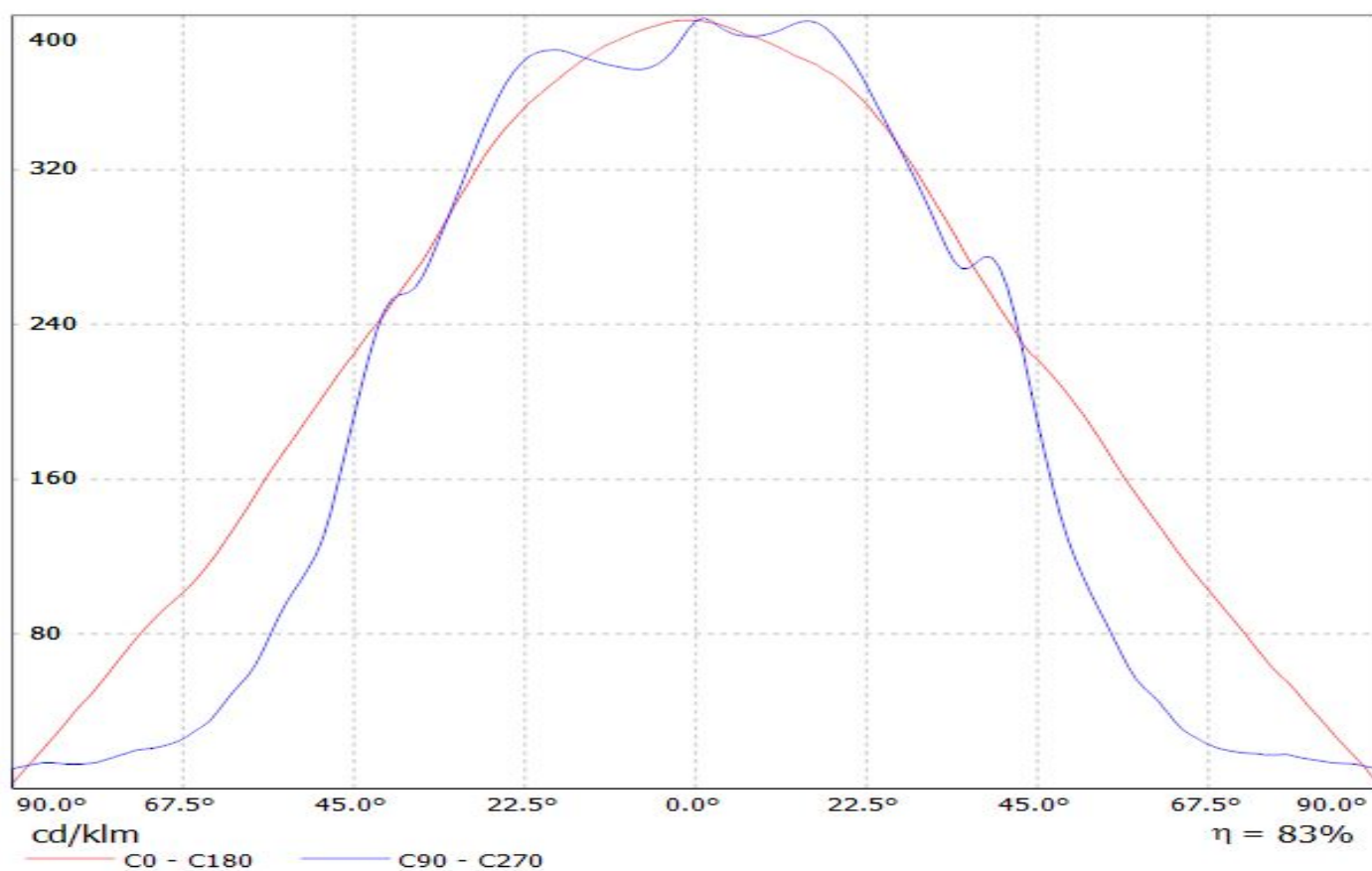
Luminaire: LEDiL Oy F15940_LINNEA-90-B_(LLE_G4_24x280mm_2000lm_840_2T_ADV)
Lamps: 1 x
Tridonic_LLE_G4_24x280mm_2000lm_840_2T_ADV_1455.22lm@250mA_CCT=4000K_P=8.45498W_I=0.250A



Luminaire: LEDiL Oy F15940_LINNEA-90-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

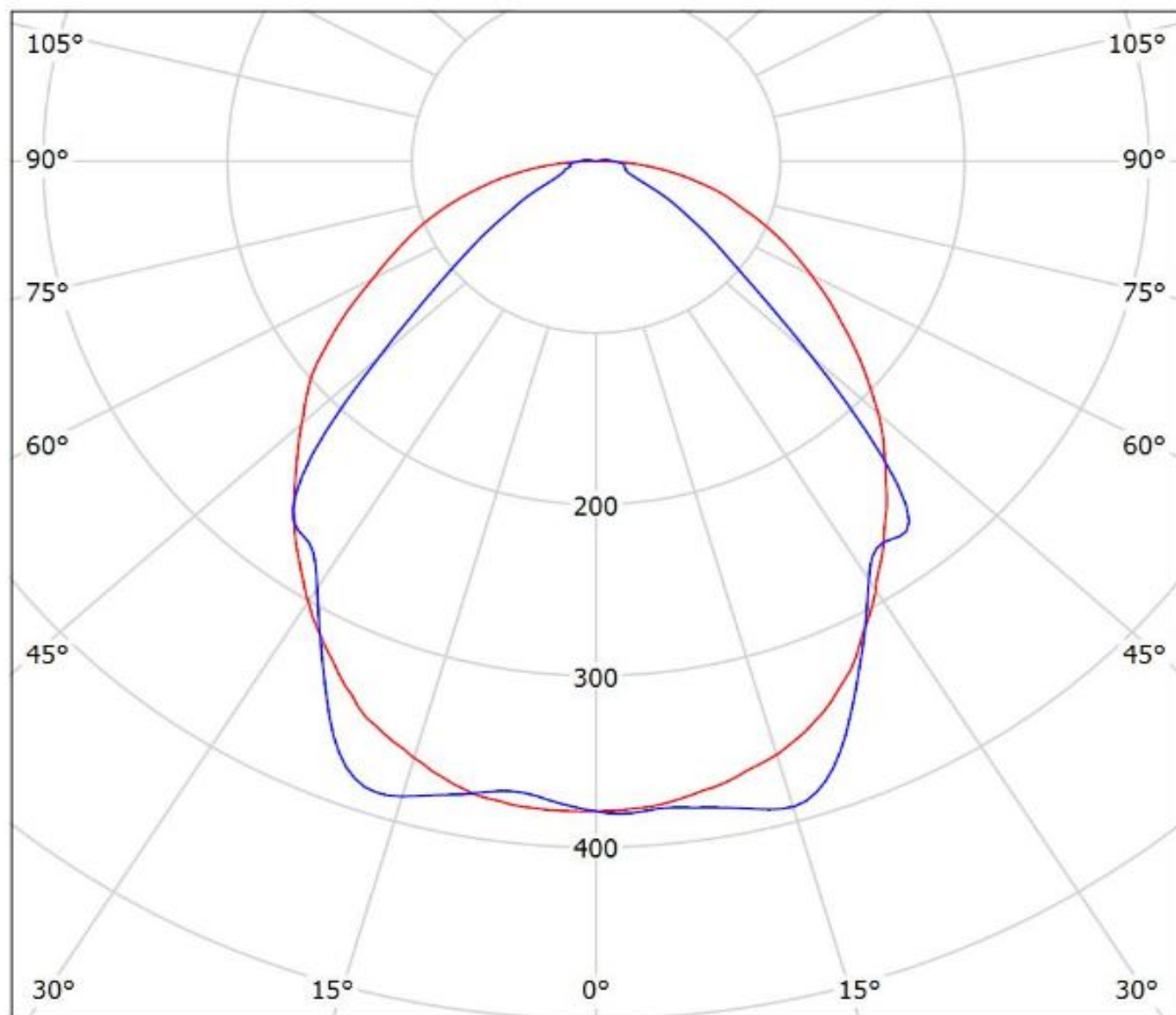


Luminaire: Ledil F15940_LINNEA-90-B_(LLE_G4_24x280mm_1250lm_840_4T_ADV)
Lamps: 1 x Tridonic_(LLE_G4_24x280mm_1250lm_840_4T_ADV)
_966.809lm@250mA_CCT=4000K_P=5.629W_U=22.525V



Luminaire: LEDiL Oy F15940 LINNEA-90-B_(Tridino_1ft_1100lm_840HE_1R_HV)

Lamps: 1 x Tridino_1ft_1100lm_840HE_1R_HV_1215.69lm@225mA_P=7.12573W_I=0.225A



cd/klm

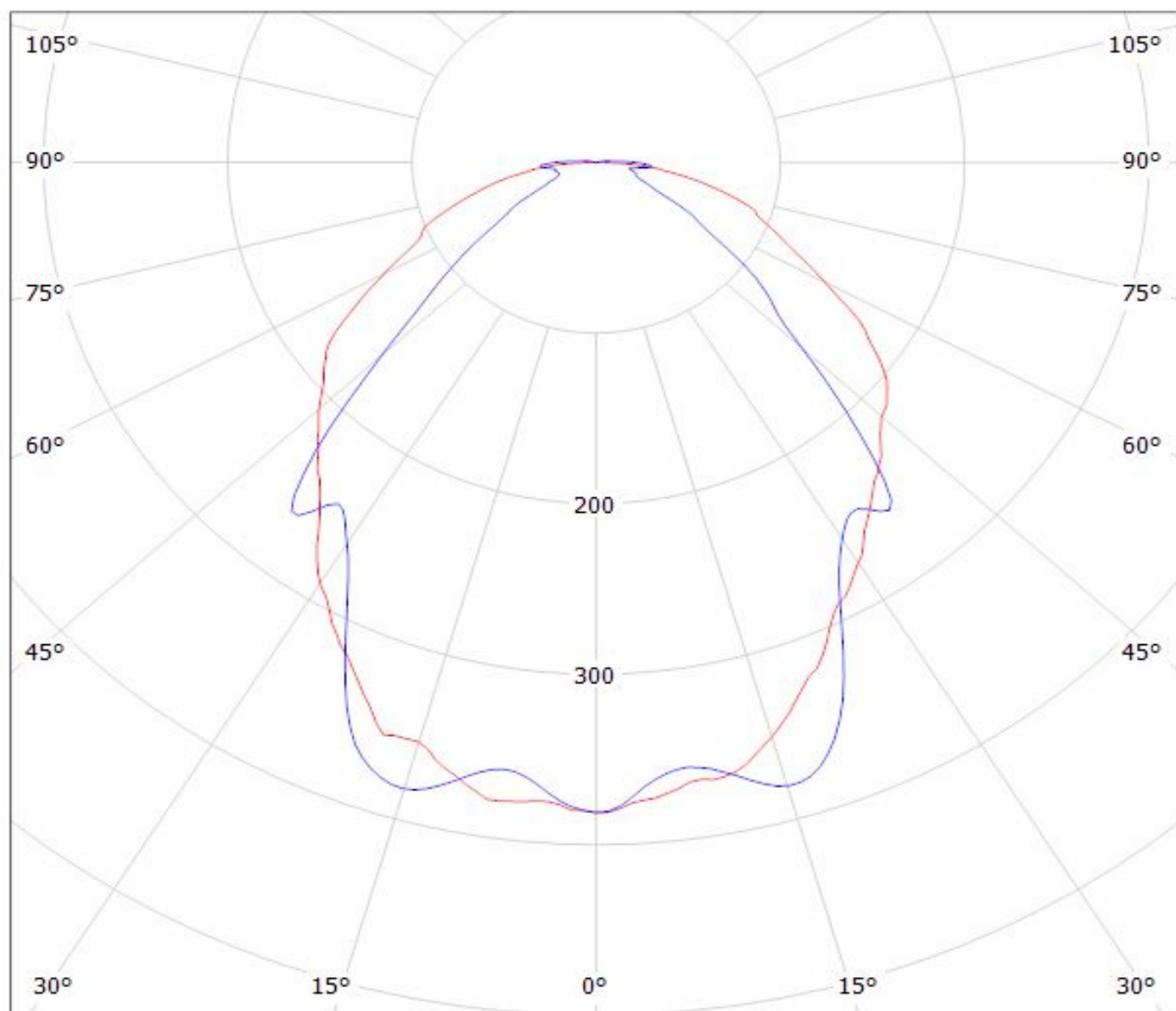
— C0 - C180

— C90 - C270

η = 82%

Luminaire: LEDiL Oy F15940_LINNEA-90-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



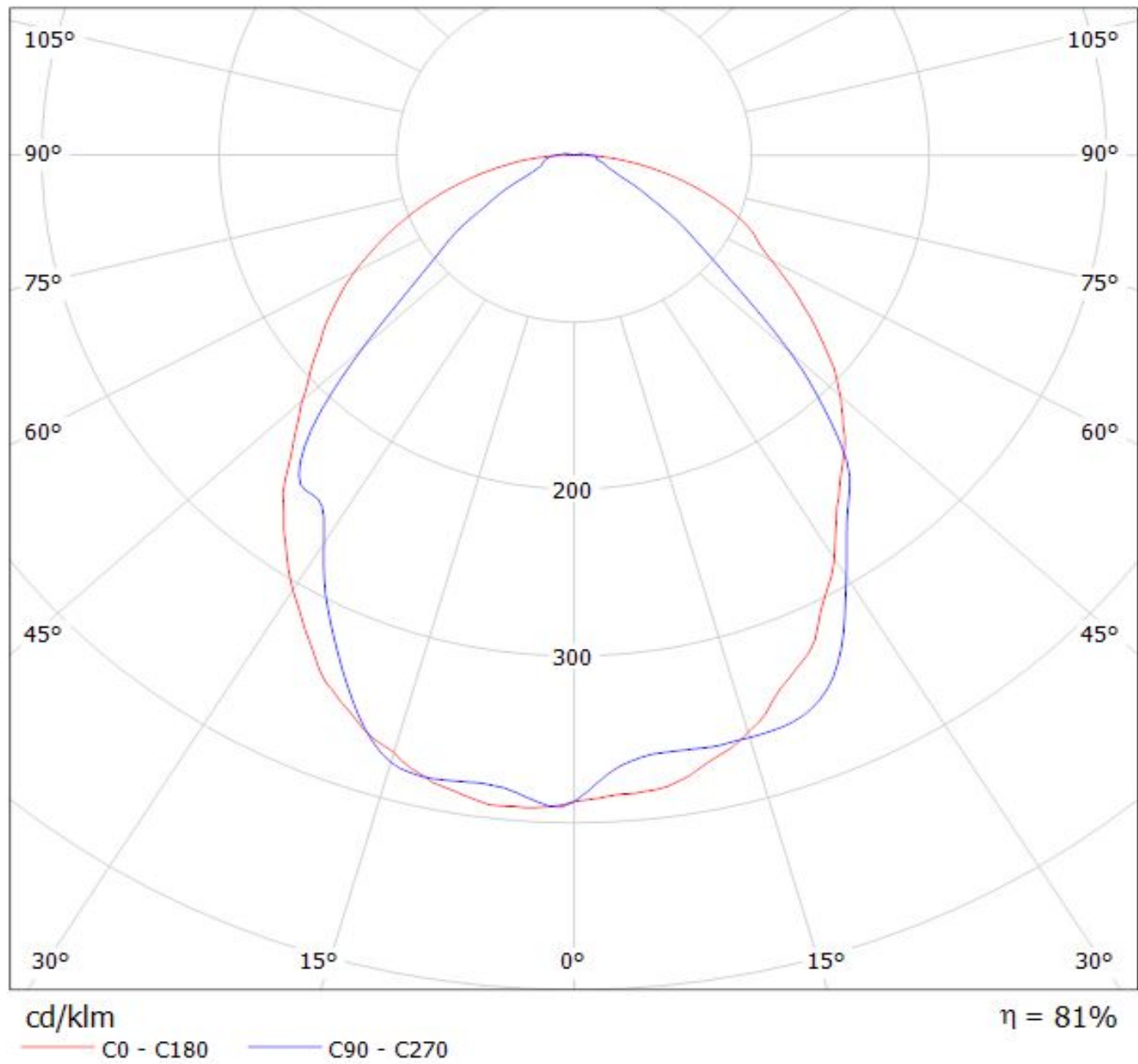
cd/klm

— C0 - C180

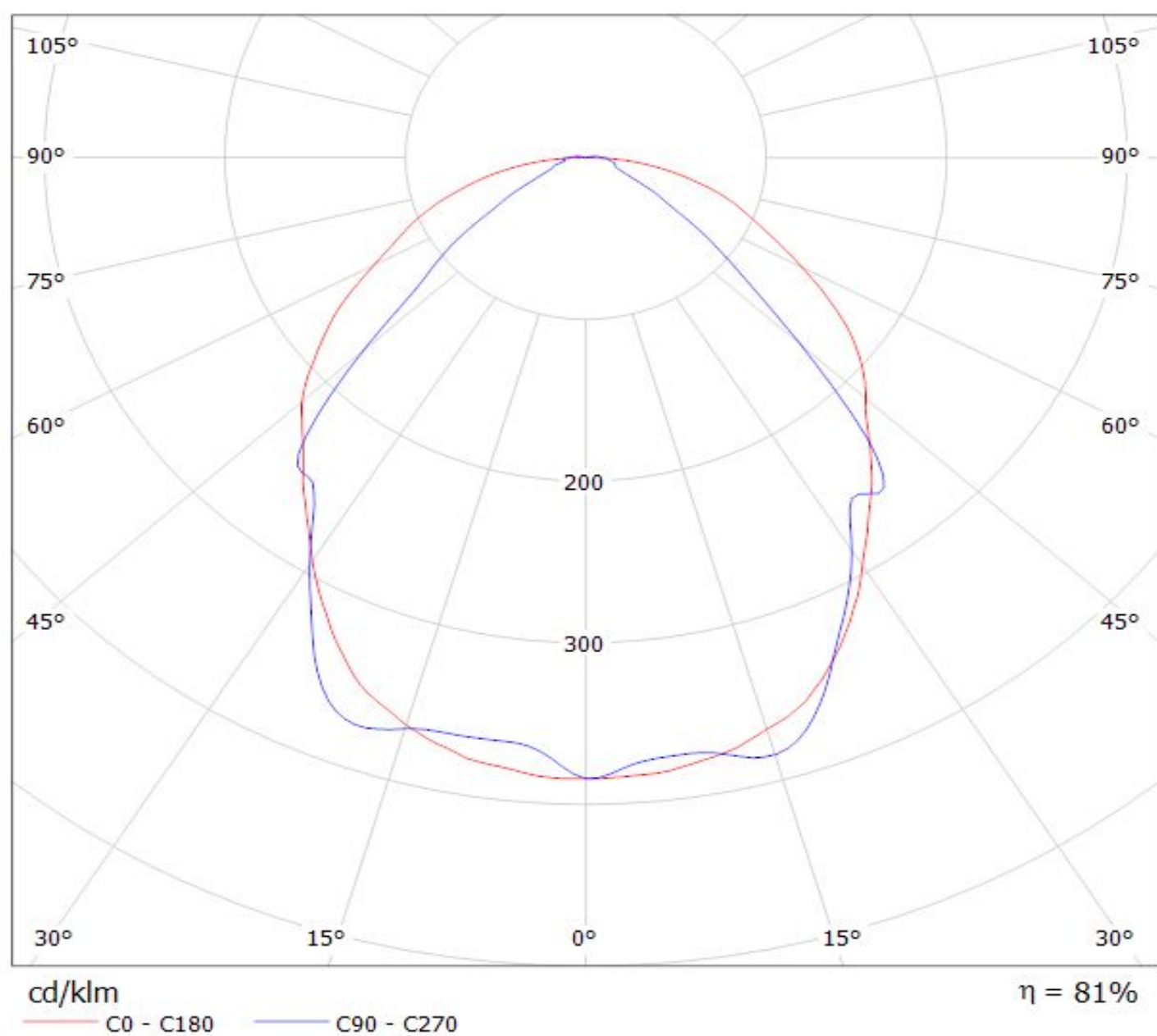
— C90 - C270

$\eta = 81\%$

Luminaire: LEDiL Oy F15940_LINNEA-90-B_(NFSx757G)
Lamps: 1 x Nichia_NFSx757Gx12_389.068lm@65mA_P=2.23905W_U=34.391V

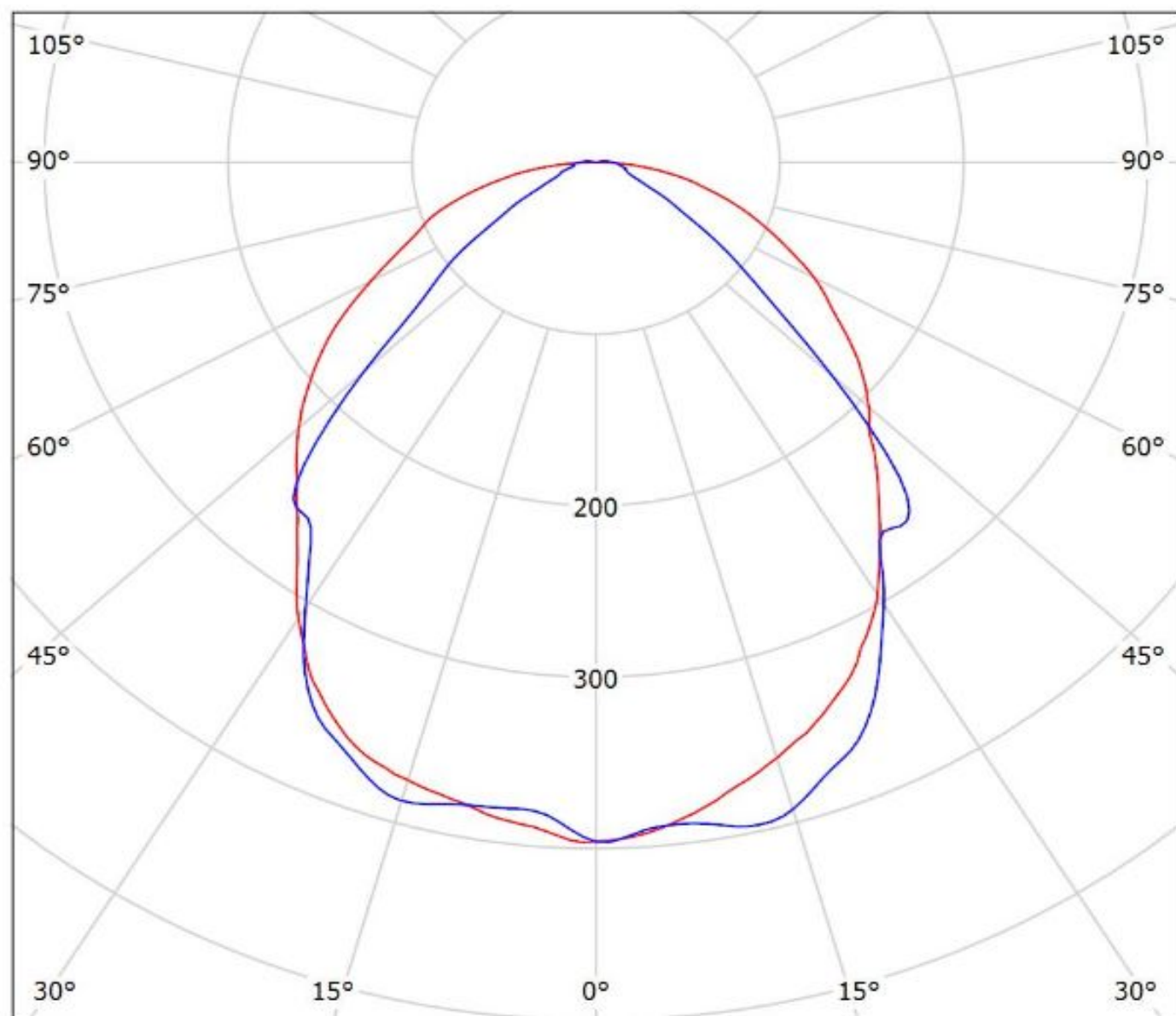


Luminaire: Ledil F15940_LINNEA-90-B_(Prevaled_Linear_Slim_3)
Lamps: 1 x Osram_Prevaled_Linear_Slim_3_(PL-LIN S-Z3-2000-840-280)
_1949.14lm@300mA_CCT=4000K_P=12.0015W_U=40.179V



Luminaire: Ledil F15940_LINNEA-90-B_(Duris_S5)

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



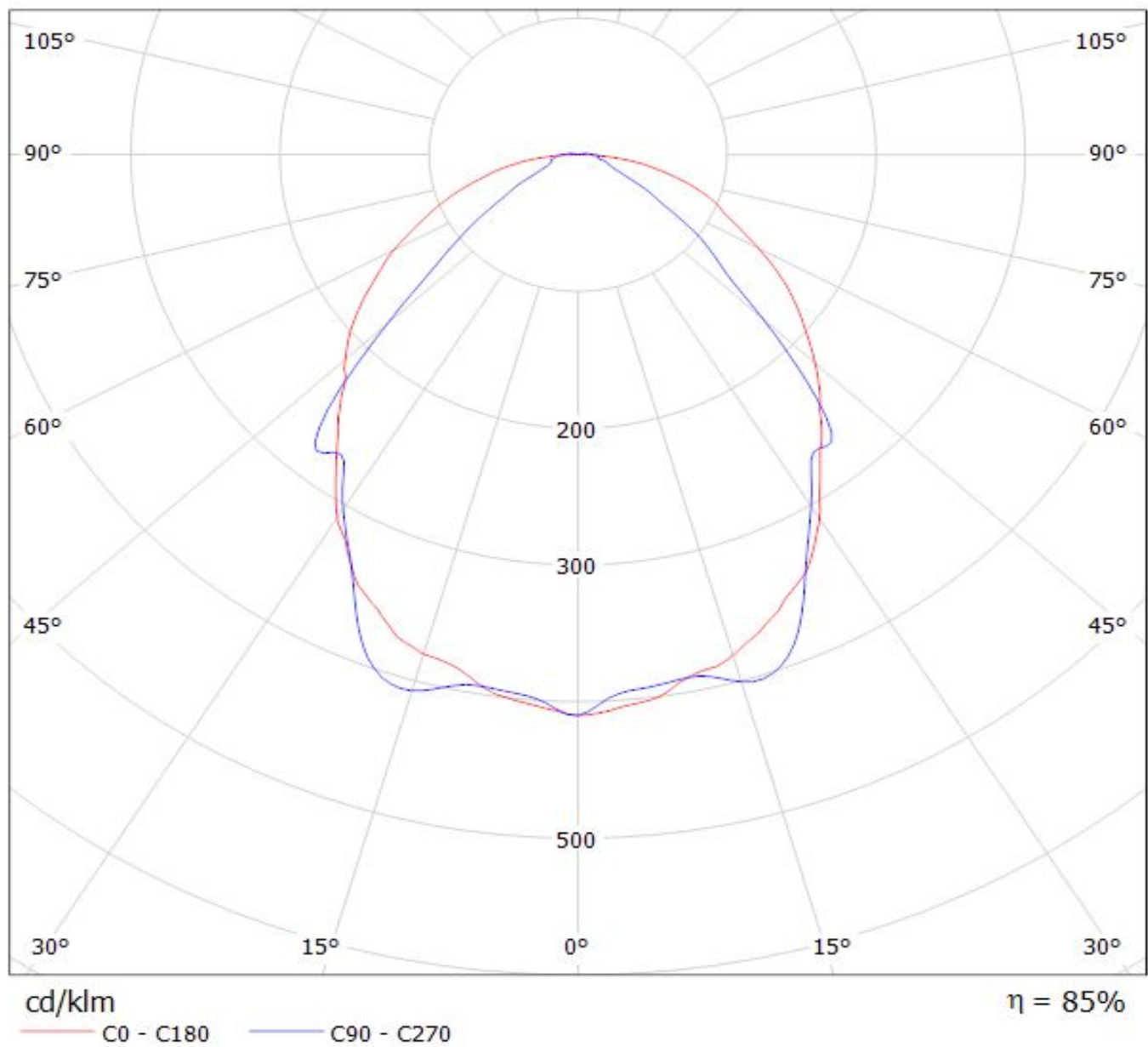
cd/klm

— C0 - C180

— C90 - C270

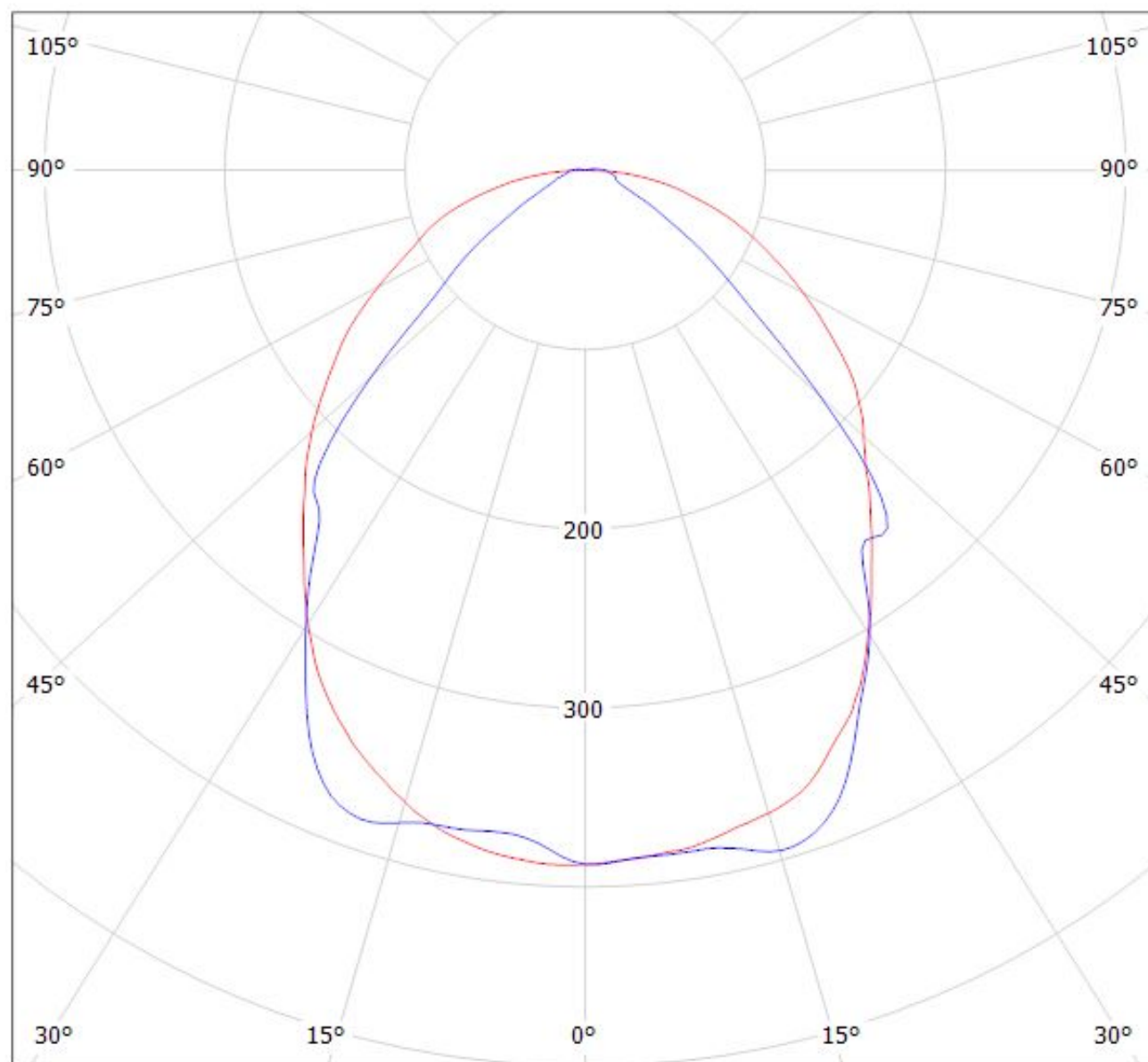
$\eta = 83\%$

Luminaire: LEDiL Oy F15940_LINNEA-90-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 F15940_LINNEA-90-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



cd/klm

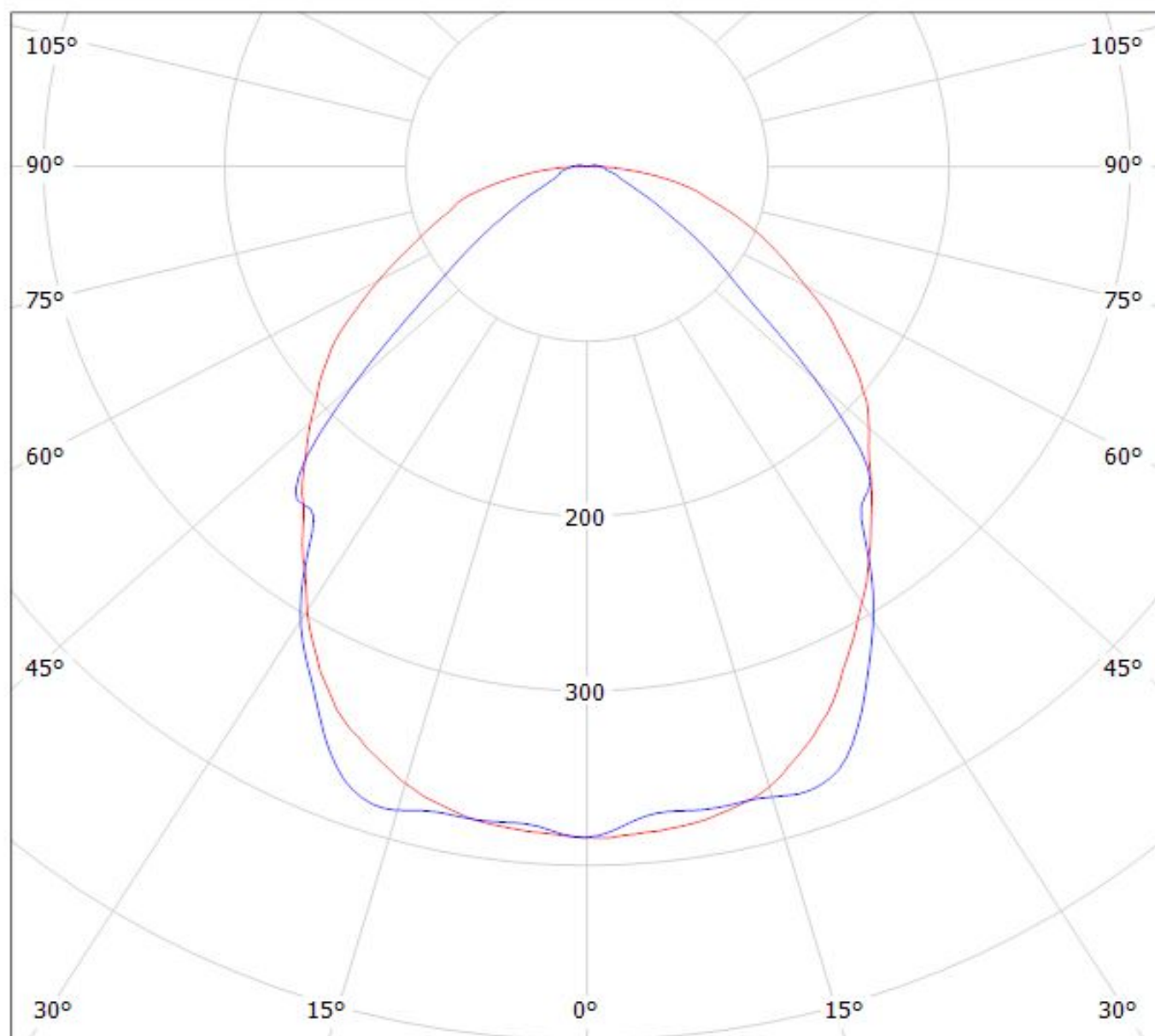
η = 82%

— C0 - C180

— C90 - C270

Luminaire: Ledil F15940_LINNEA-90-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

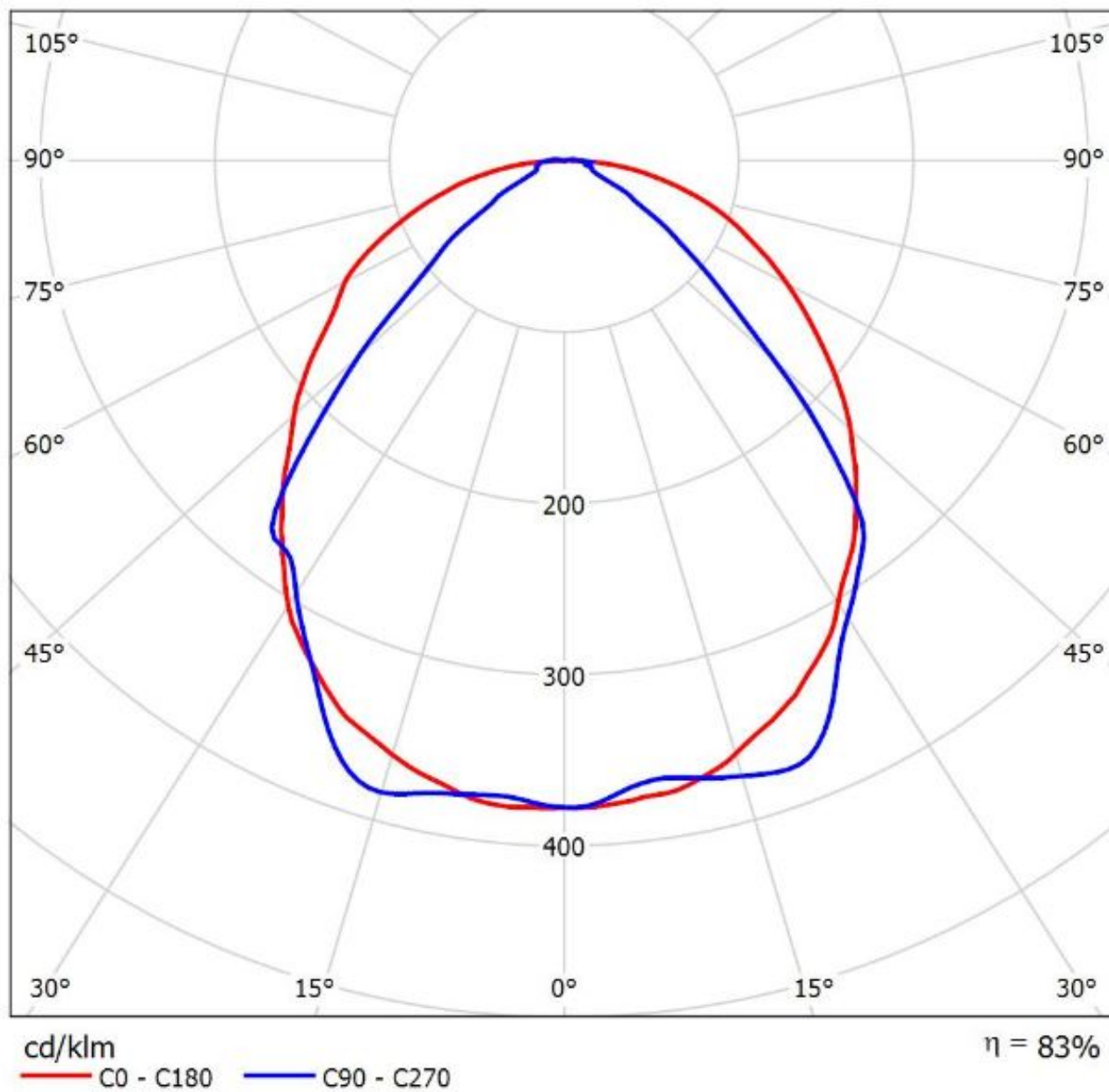
η = 82%

— C0 - C180

— C90 - C270

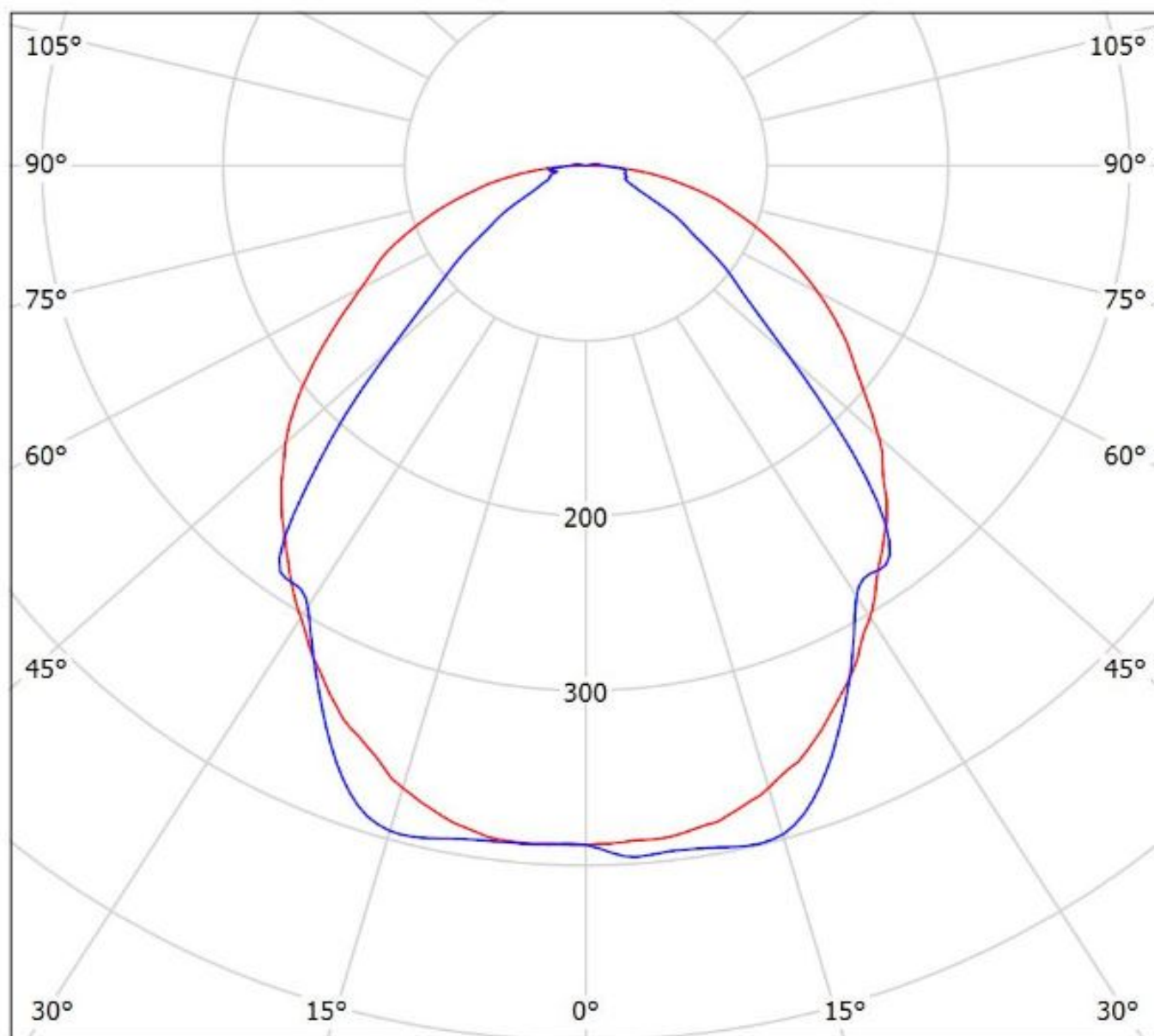
Luminaire: Ledil F15940_LINNEA-90-B_(LM561B+)

Lamps: 1 x Samsung_LM561B+_x24_1418.16lm@250mA_P=9.1415W_I=0.25A



Luminaire: Ledil F15940 LINNEA-90-B_(LT-V282E)

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



cd/klm

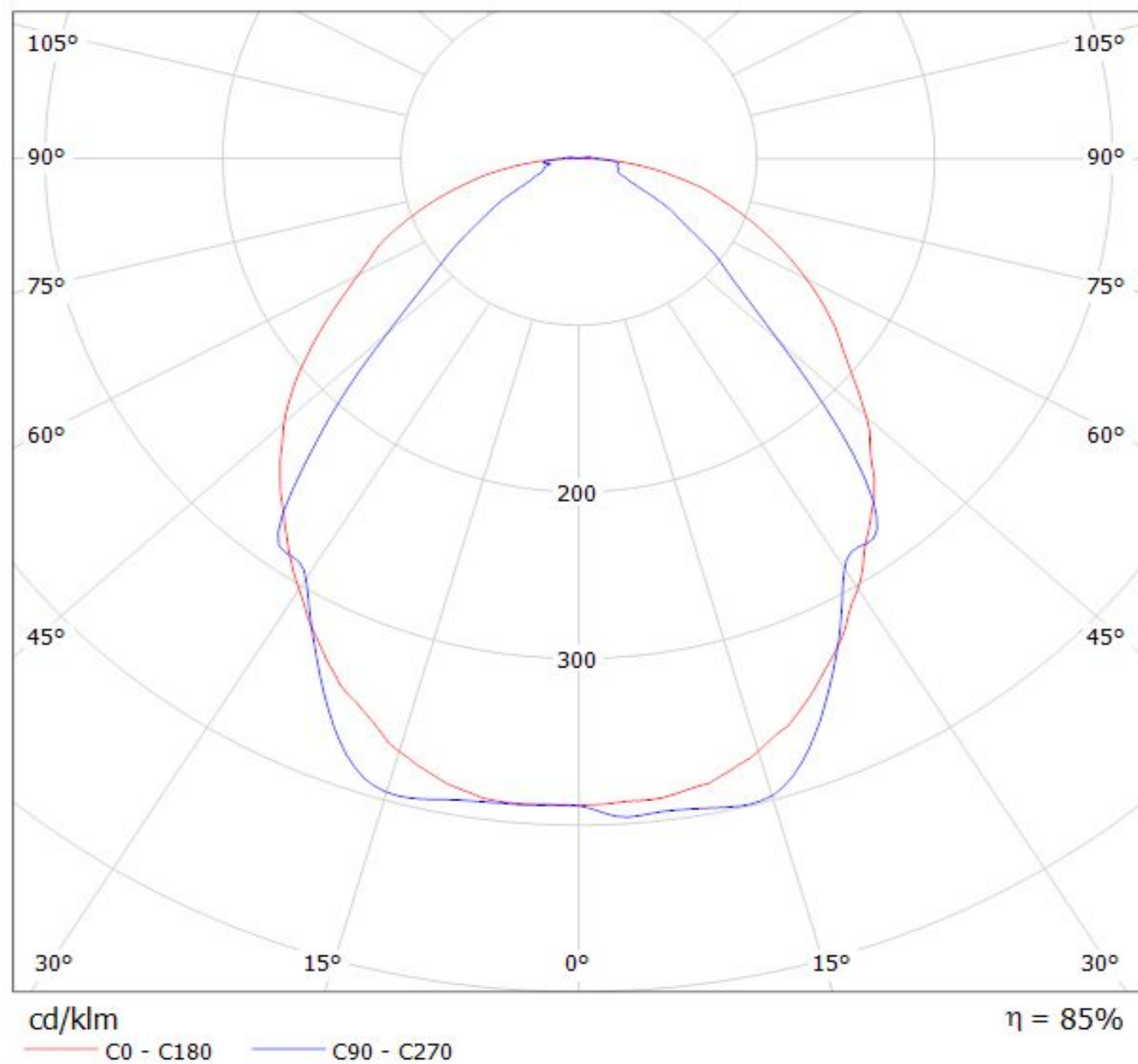
— C0 - C180

— C90 - C270

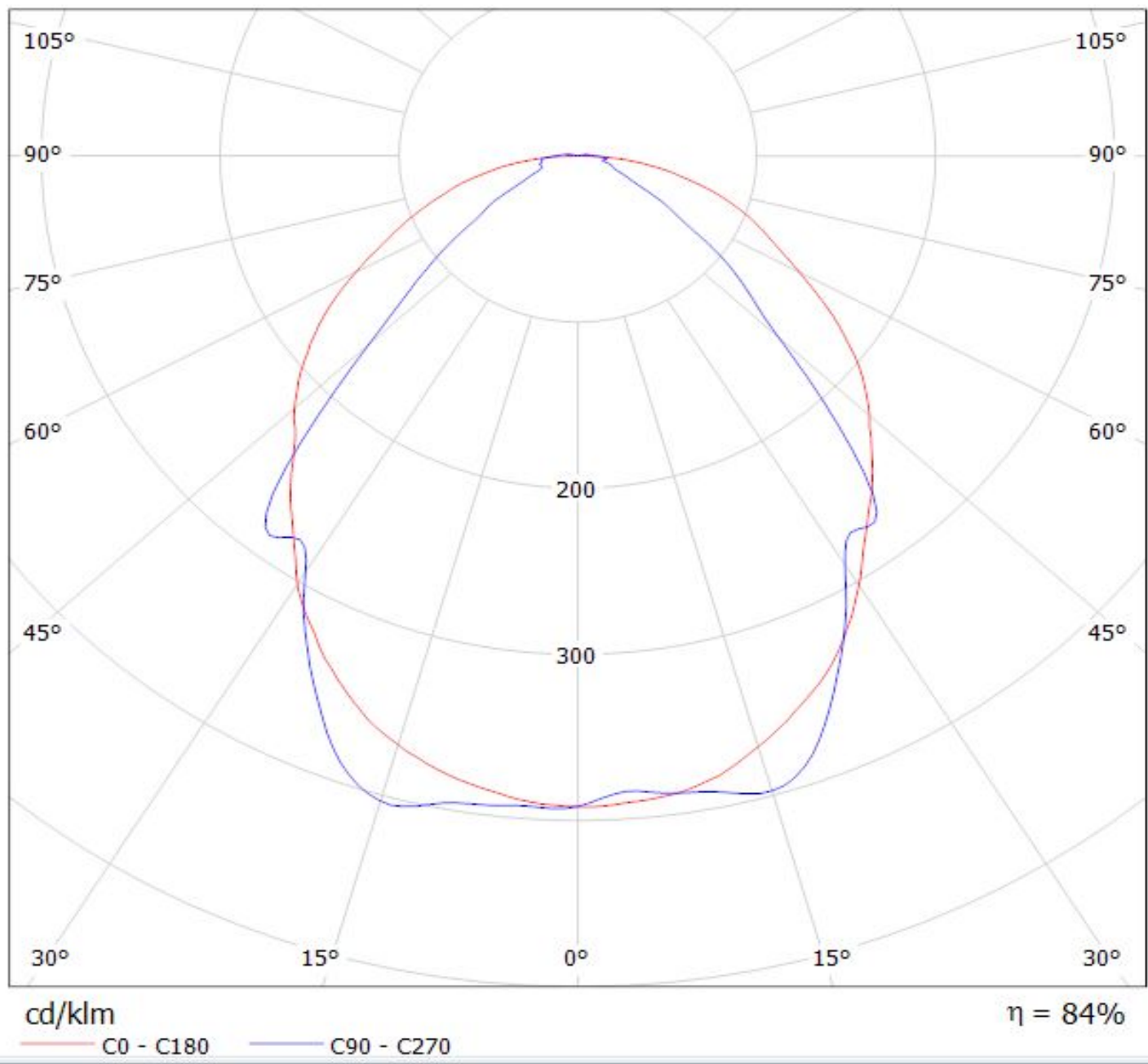
$\eta = 85\%$

Luminaire: Ledil F15940_LINNEA-90-B_(LT-V562E)

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

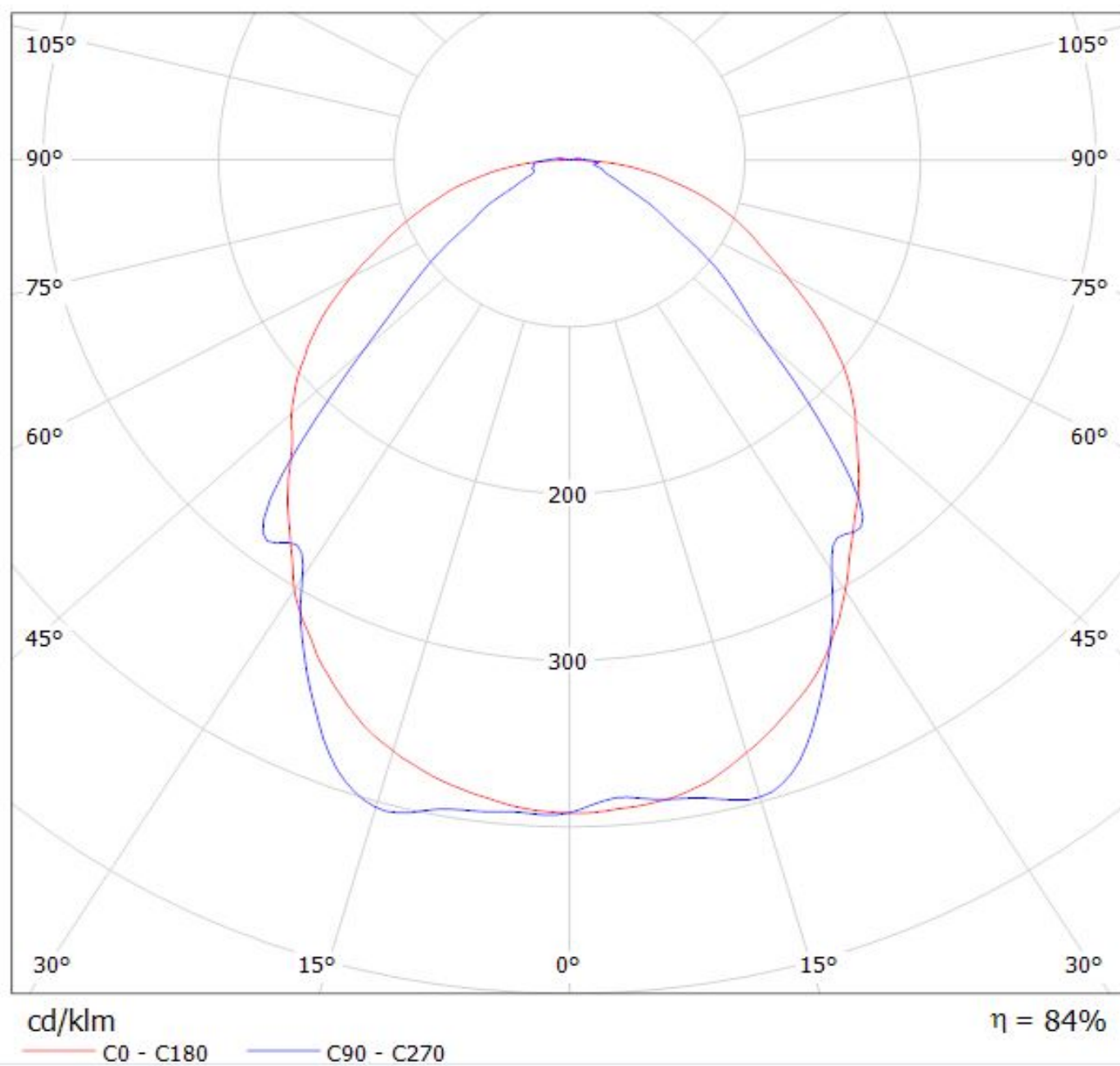


Luminaire: Ledil F15940_LINNEA-90-B_(LT-H282C)
Lamps: 1 x Samsung_LT-H282C_(LM561C)_997.05lm@240mA_CCT=4000K_P=5.43445W_I=0.240A



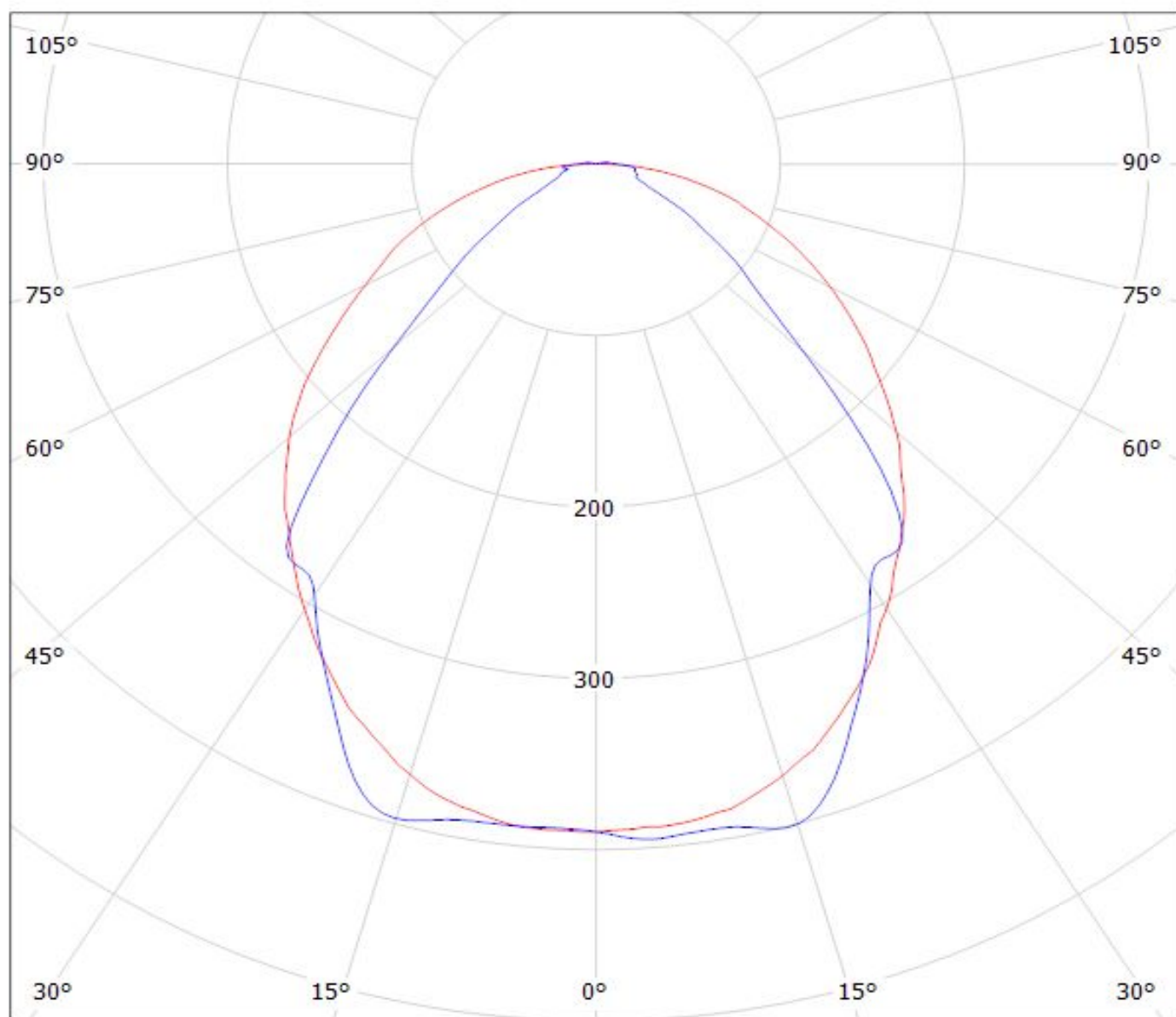
Luminaire: Ledil F15940 LINNEA-90-B_(LT-H562C)

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



Luminaire: Ledil F15940 LINNEA-90-B_(LT-S282H)

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



cd/klm

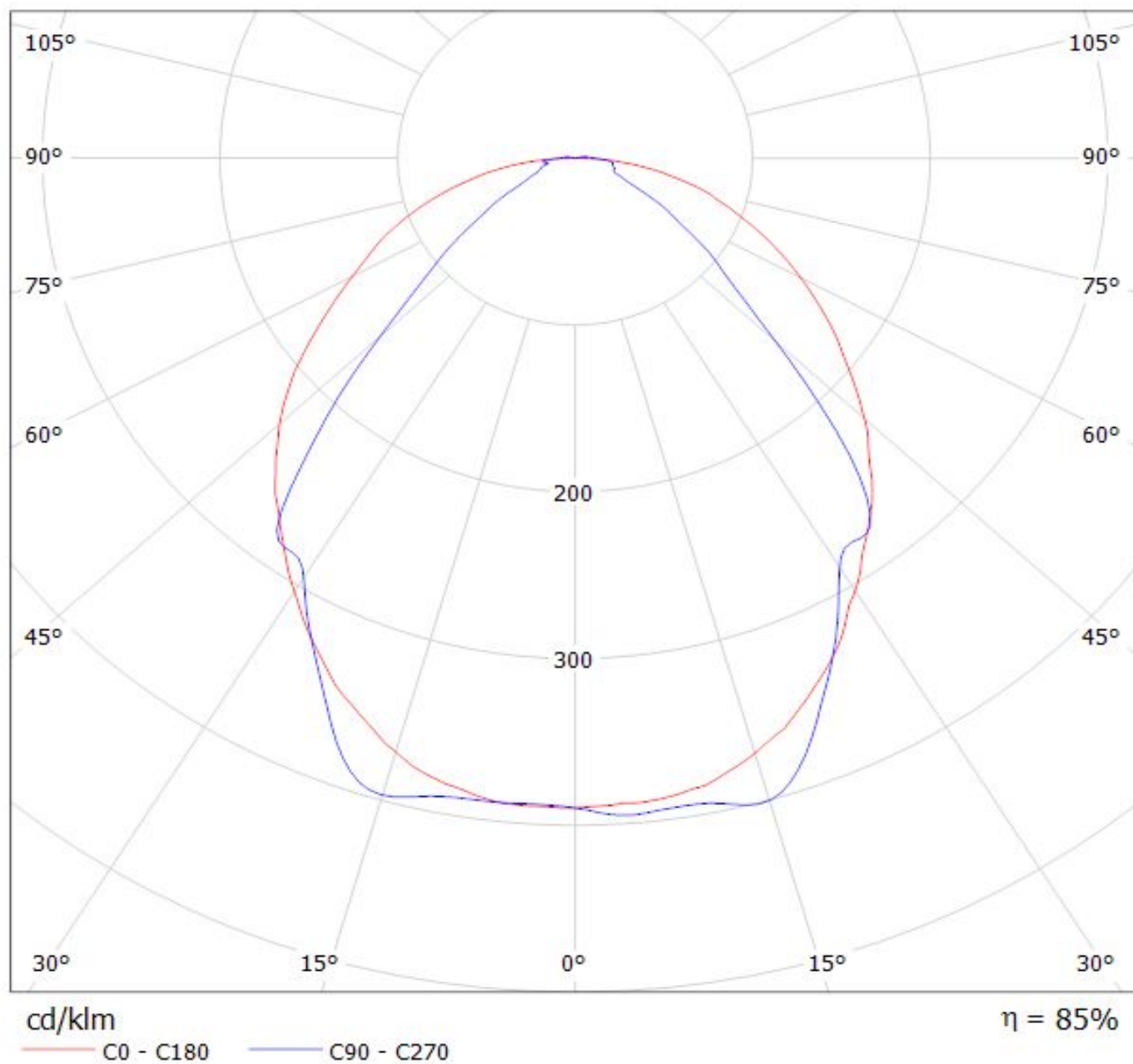
$\eta = 85\%$

— C0 - C180

— C90 - C270

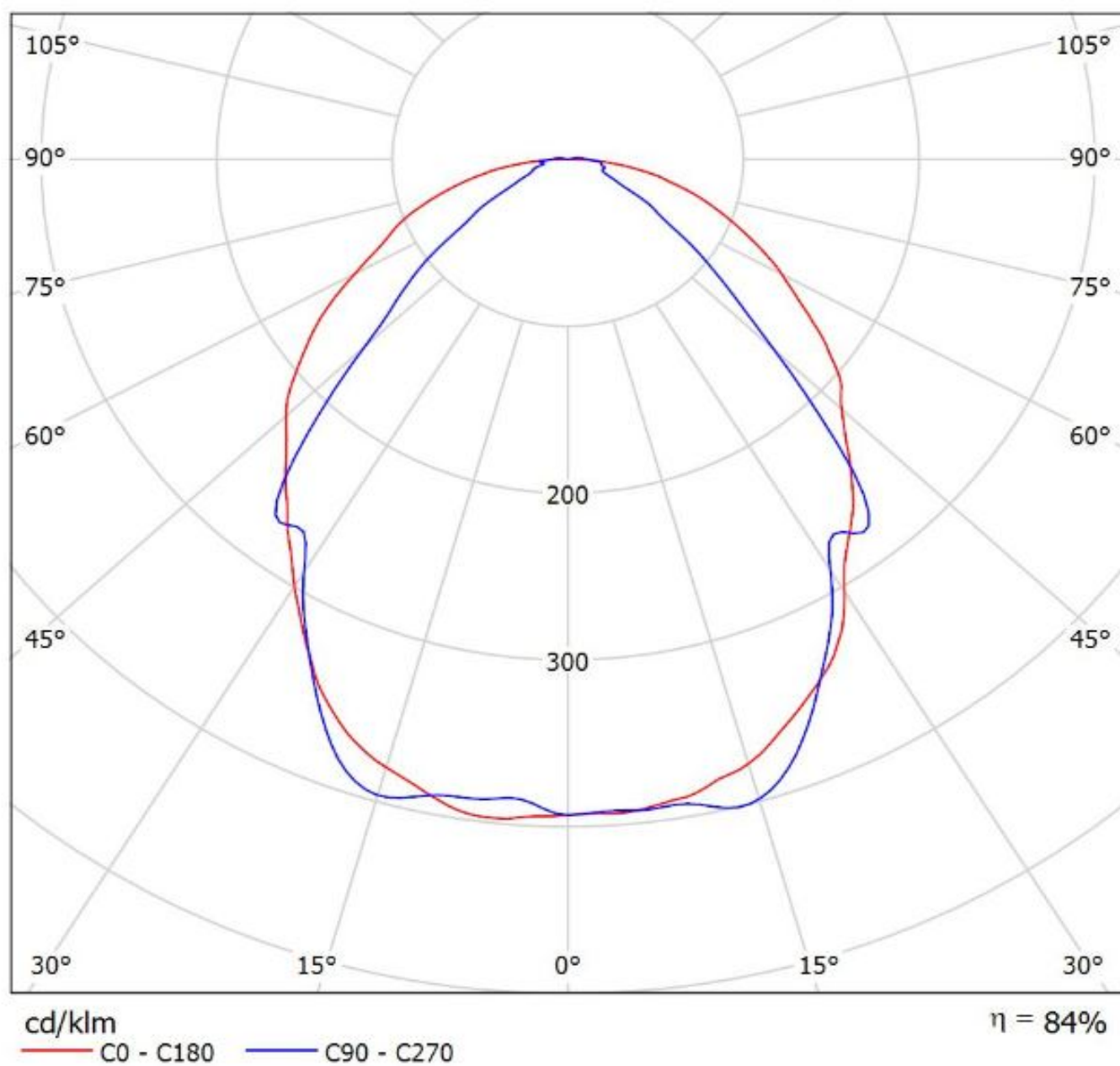
Luminaire: Ledil F15940_LINNEA-90-B_(LT-S562H)

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

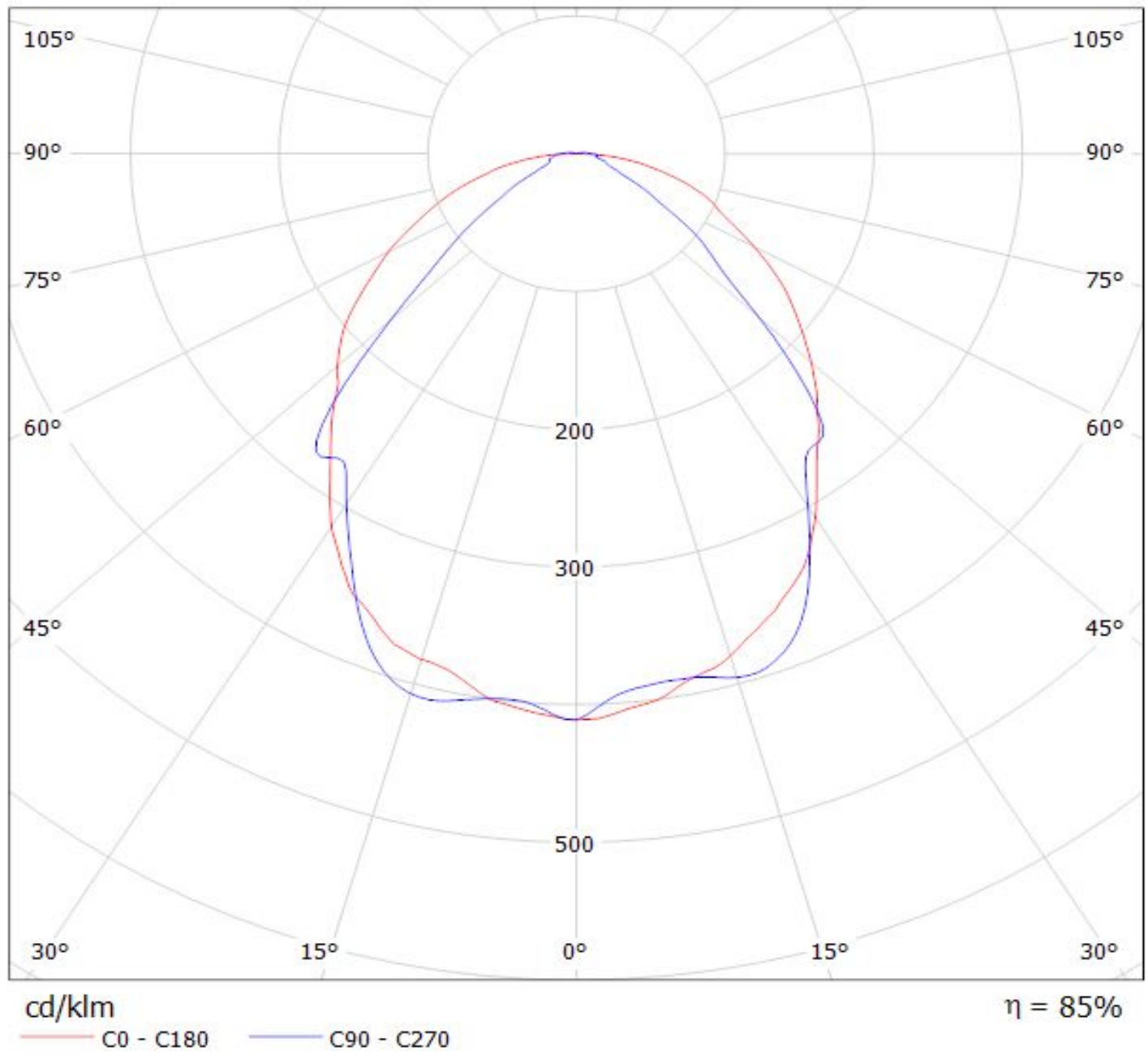


Luminaire: Ledil F15940 LINNEA-90-B_(LT-Q282B)

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



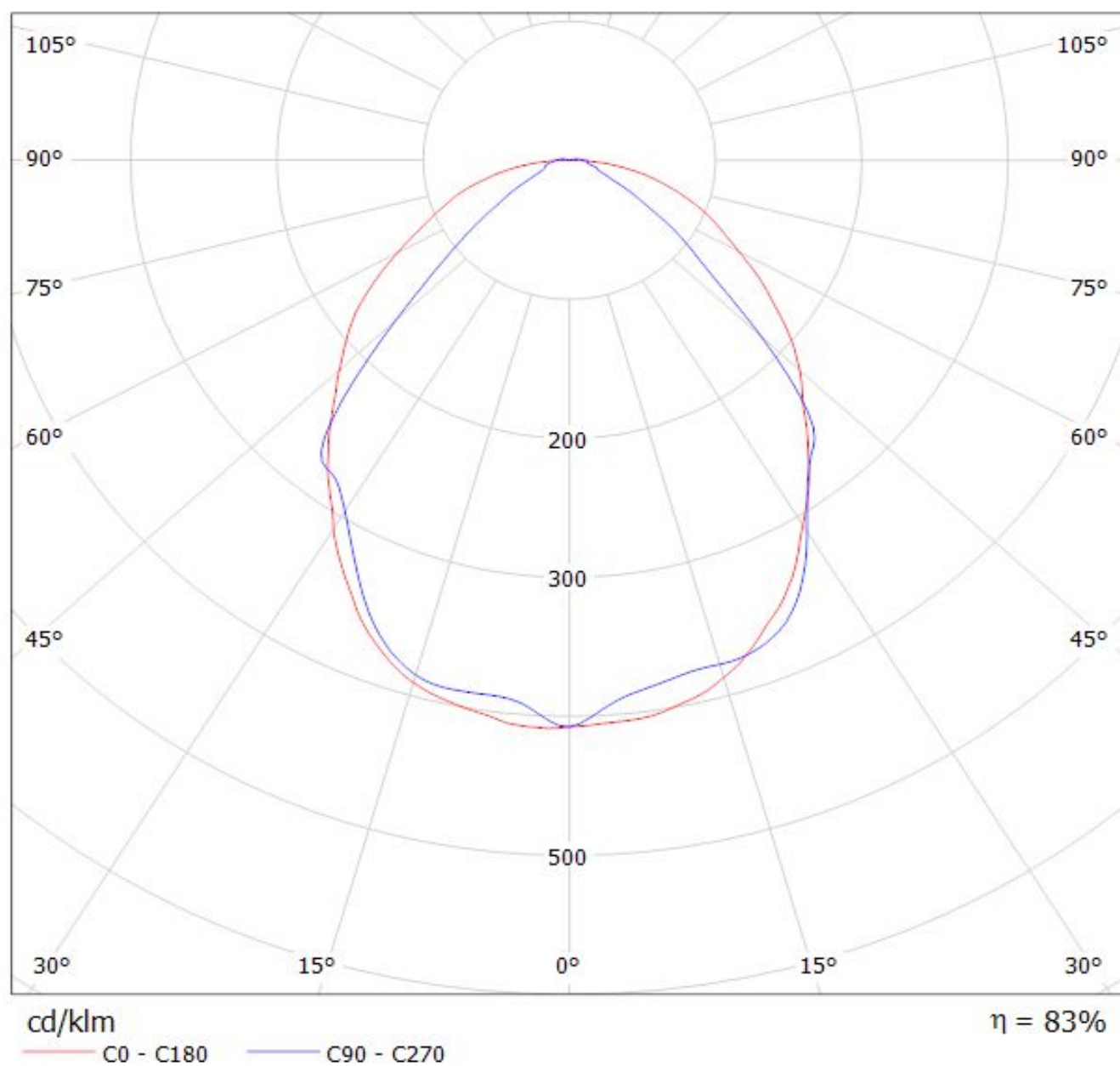
Luminaire: Ledil F15940_LINNEA-90-B_(SunLike 3030)
Lamps: 1 x SEOUL_SunLike 3030_(STW9C2PB-S)_2_240.649lm@0.65mA_P=2.30531W_U=35.538V



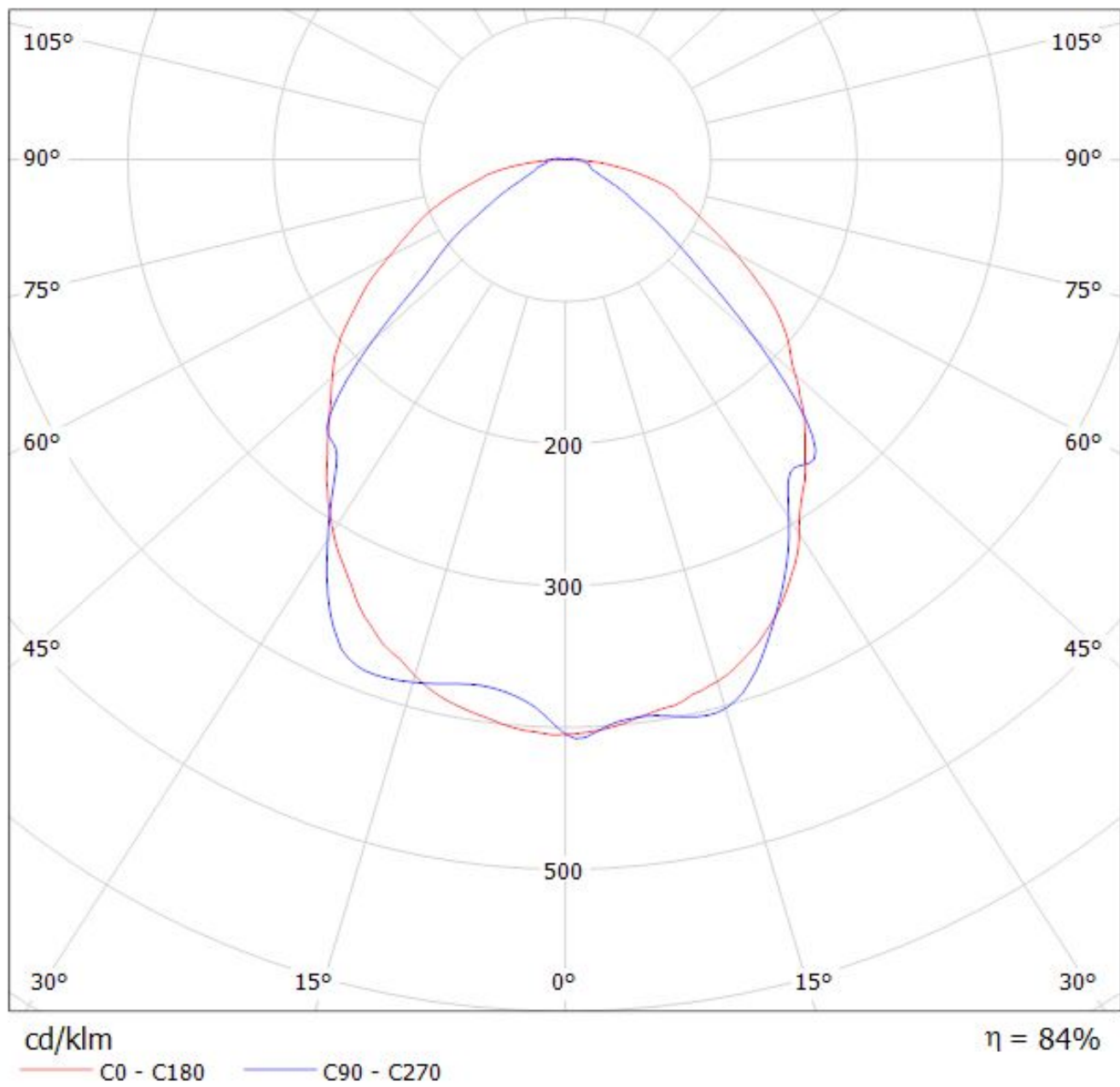
Luminaire: LEDiL Oy F15940_LINNEA-90-B_(LLE_G4_24x280mm_2000lm_840_2T_ADV)

Lamps: 1 x

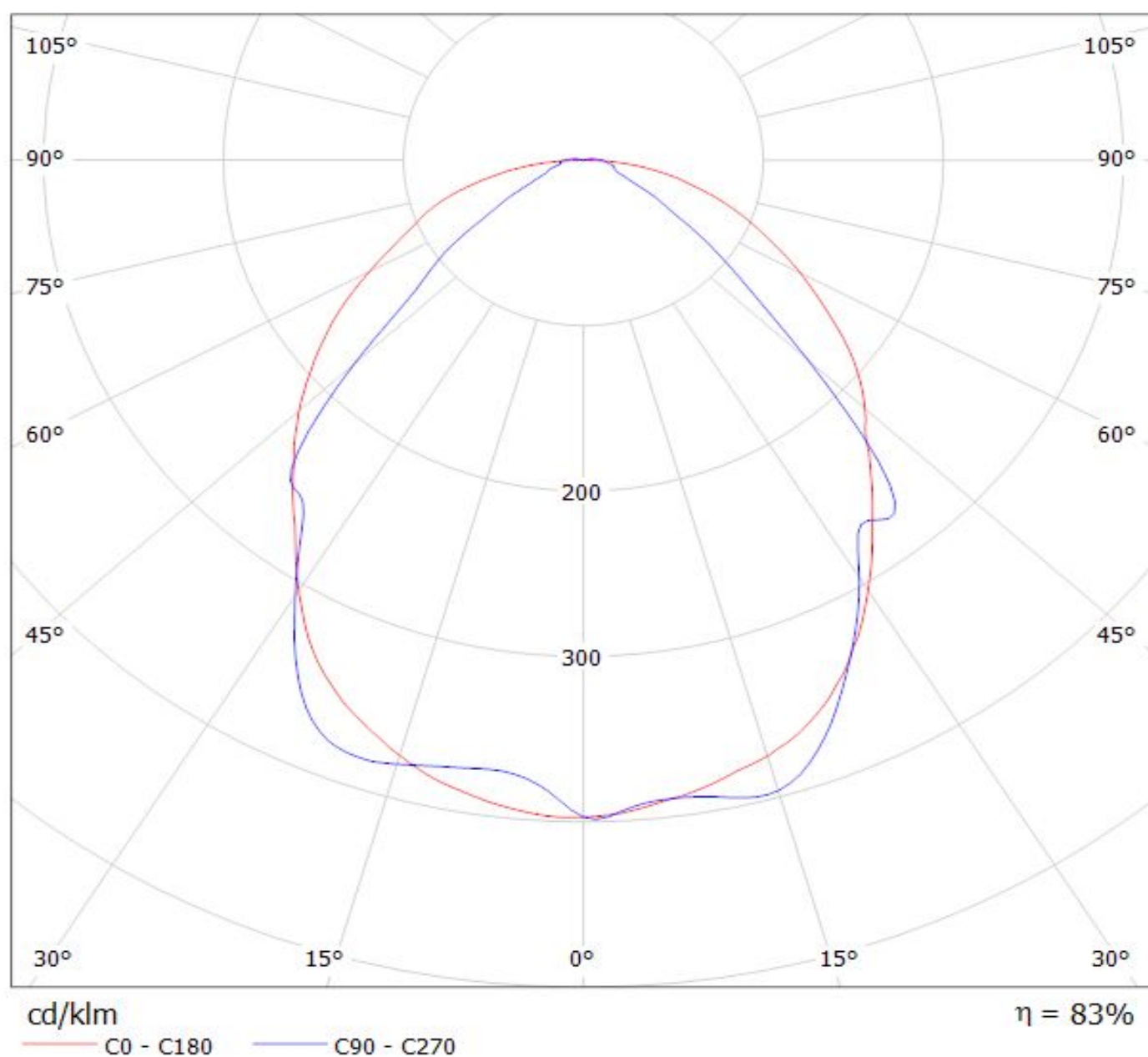
Tridonic_LLE_G4_24x280mm_2000lm_840_2T_ADV_1455.22lm@250mA_CCT=4000K_P=8.45498W_I=0.250A



Luminaire: LEDiL Oy F15940_LINNEA-90-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 F15940_LINNEA-90-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.