PRODUCT DATASHEET
Linnea series
last update 25/1/2018

DETAILS



Product Number	F15756_LINNEA-O
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
Tridino 1ft 1100lm xxxHE 1R HV	89+38 deg		84 %	0.730	-
XP-E	90+35 deg		81 %	0.720	-
NF2x757G	sim: 34+75		sim: 83 %	sim: 0.880	-
NFSx757G	87+38 deg		81 %	0.700	-
PrevaLED Linear Slim 3 (1100lm)	92+39 deg		82 %	0.700	-
Duris S5 (2 chip)	90+38 deg		83 %	0.710	-
PrevaLED Linear Slim 3 (2000lm)	91+38 deg		82 %	0.710	-
Duris S5 (Single chip)	91+38 deg		85 %	0.720	-
Fortimo LED Strip 1ft 1100lm FC HV4 & LV4	94+40 deg		83 %	0.690	-
Fortimo LED Strip 1ft 650lm FC HV4 & LV4	94+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	-
SEOUL 5630D	91+38 deg		82 %	0.710	-
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	-
CALOSNU405-M7W1	88+35 deg		82 %	0.750	-
CALOSNU410-M7W1	88+35 deg		82 %	0.750	-

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Salorankatu 10
24240 SALO, Finland

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email: ledil@ledil.com
FAX: +358-2-733 8001

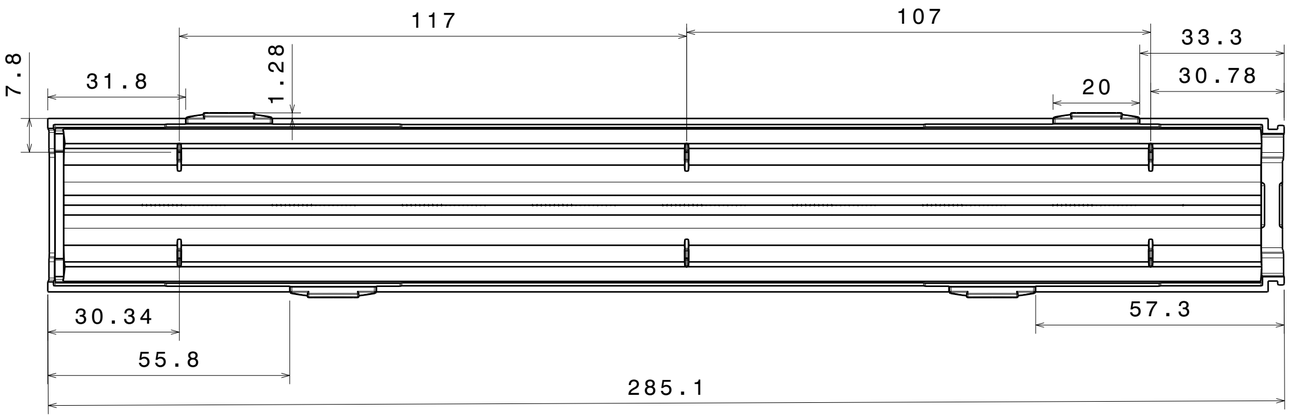
PRODUCT DATASHEET
Linnea series
last update 25/1/2018

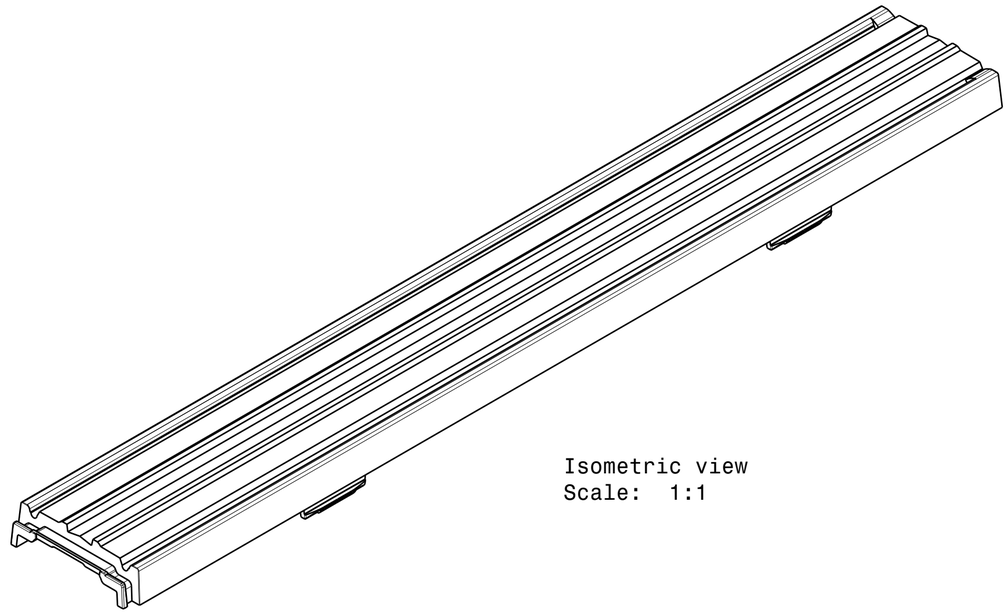
OPTICAL PROPERTIES

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

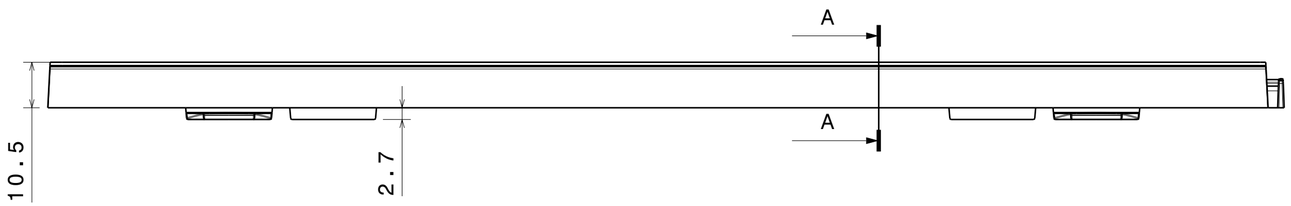
Ledil Oy
Salorankatu 10
24240 SALO, Finland

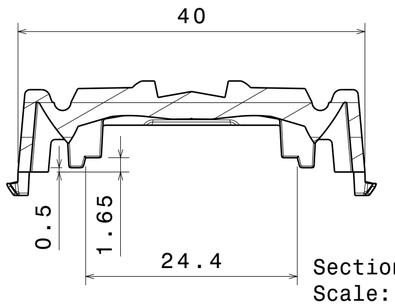
http://www.ledil.com
email: ledil@ledil.com
FAX: +358-2-733 8001





Isometric view
Scale: 1:1





Section view A-A
Scale: 2:1

INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	F15756	LINNEA-O	PC	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

FIRST ANGLE PROJECTION:

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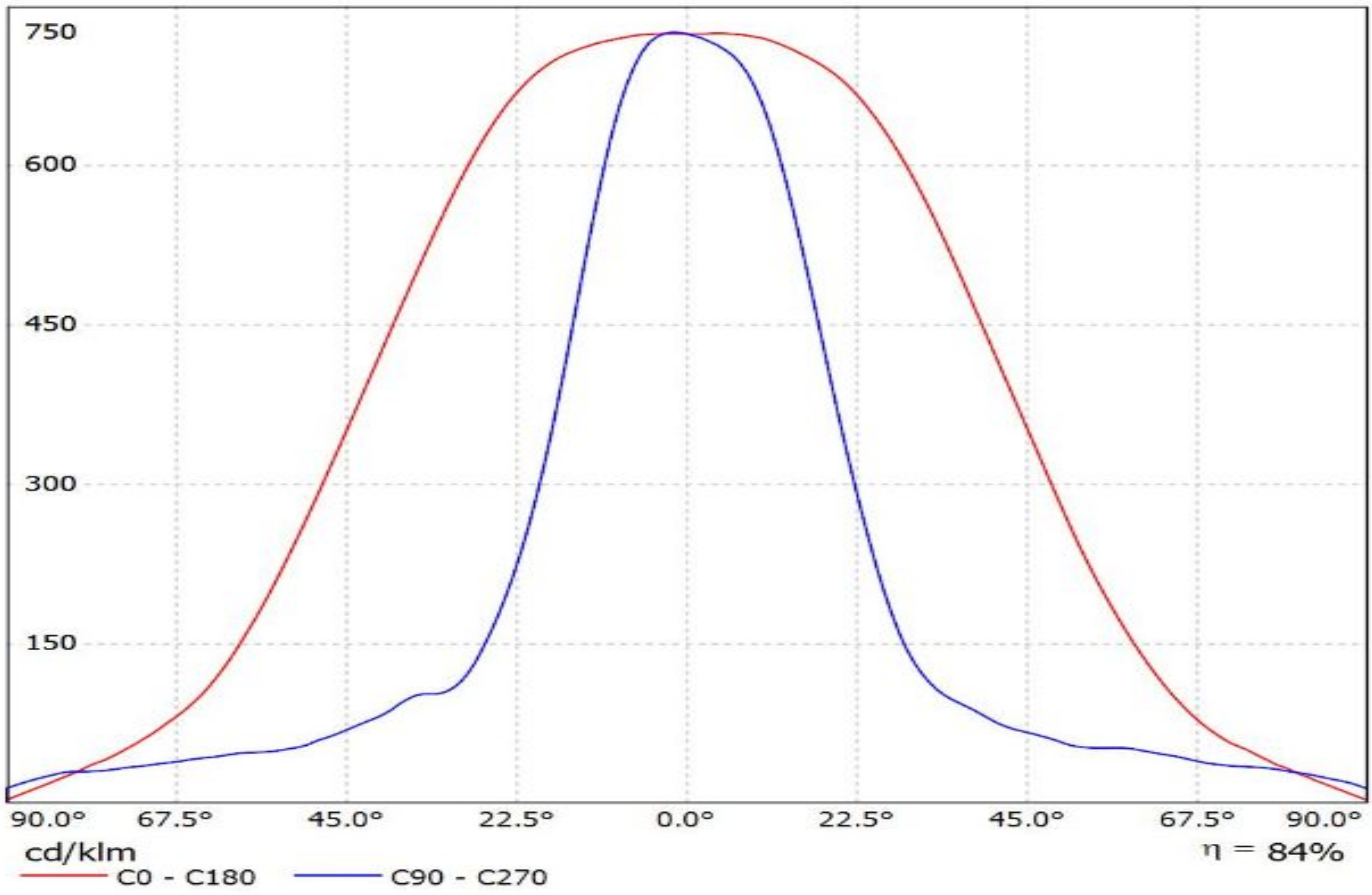
Ledil Oy
Salorankatu 10
FIN 24240 SALO
Finland

DRAWING TITLE
F15756_LINNEA-O

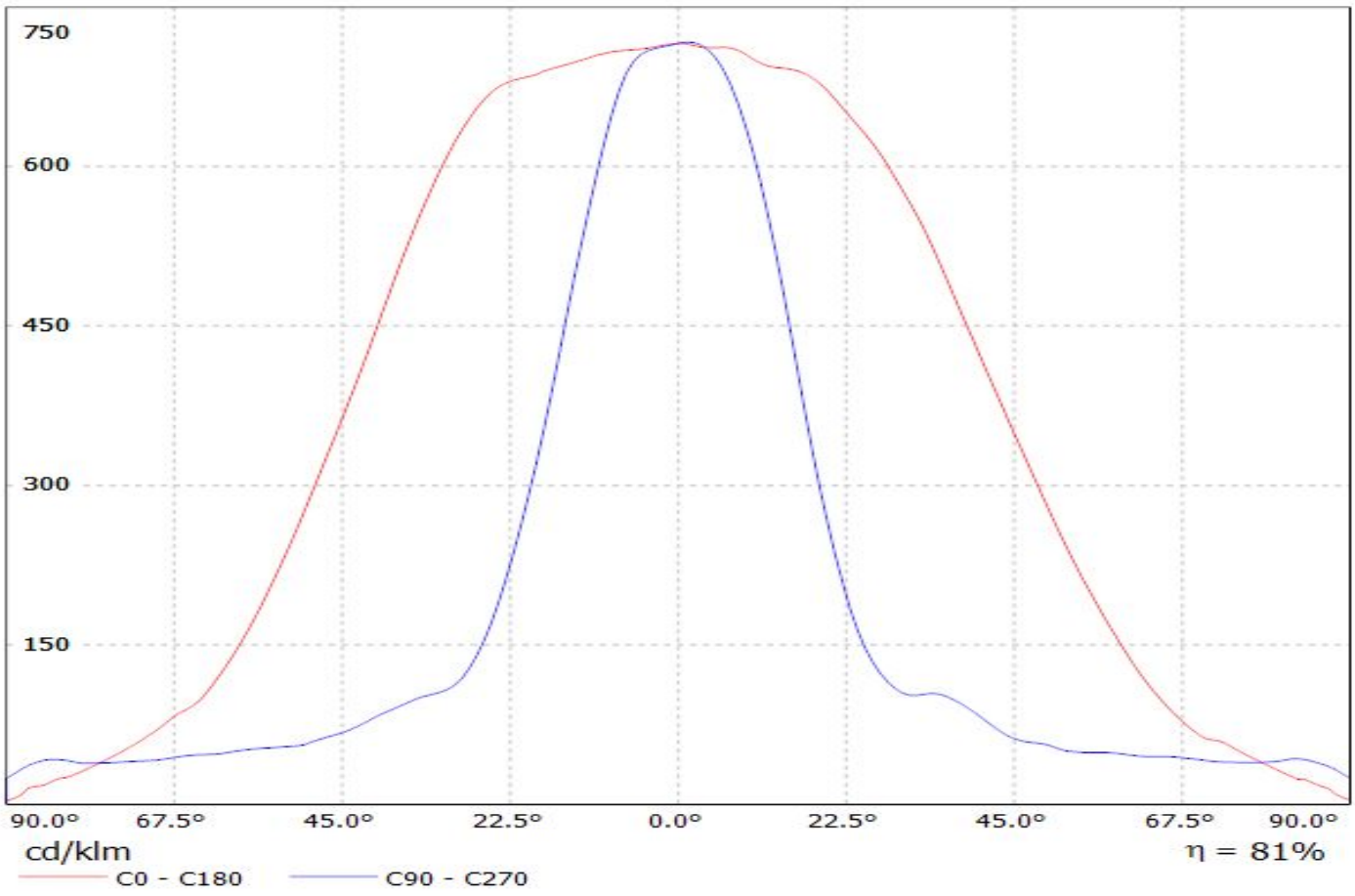
SIZE A2 | PART NUMBER F15756

SCALE 1:1 | WEIGHT - | SHEET 1/1

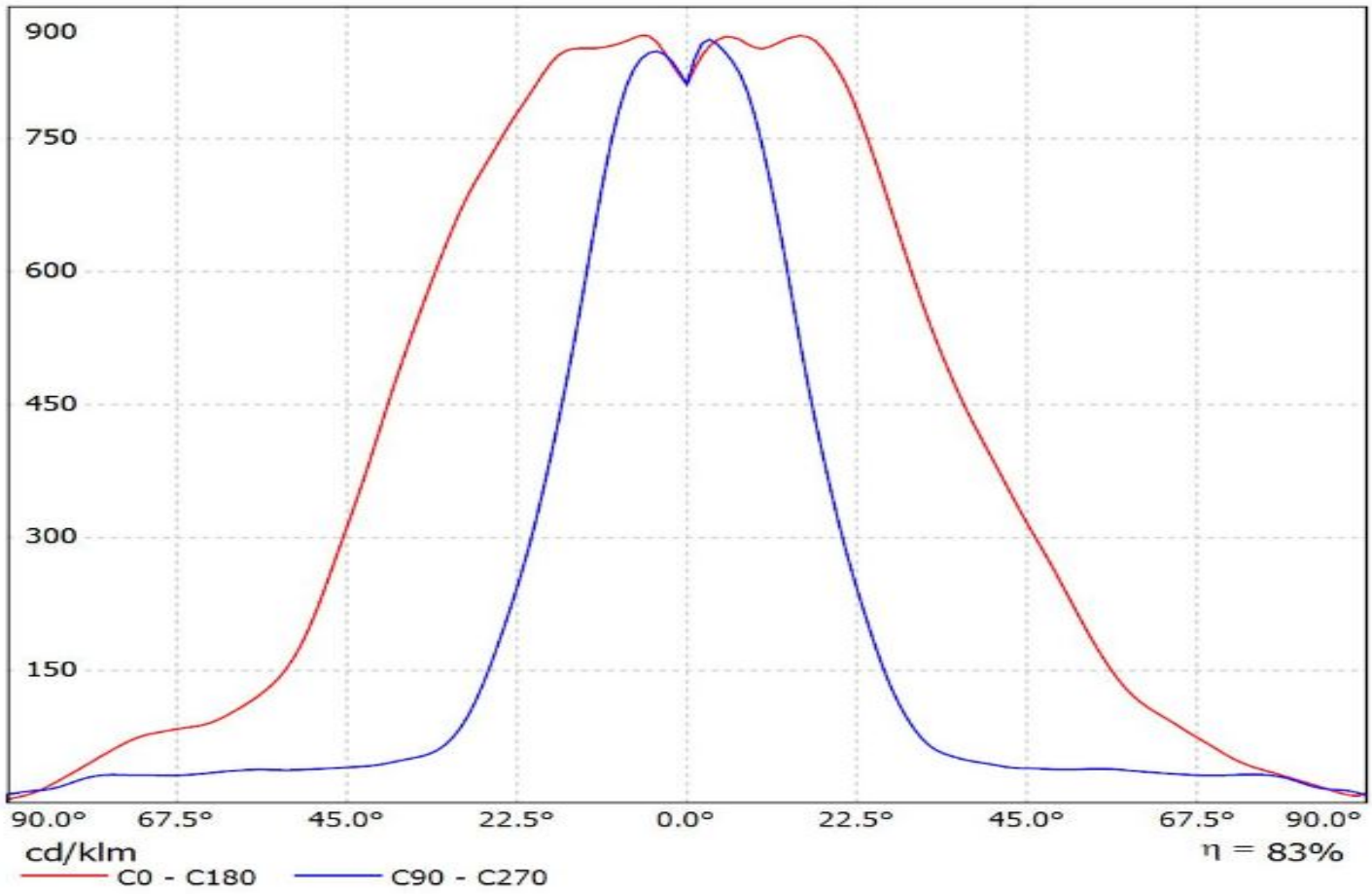
Luminaire: LEDiL Oy F15756_LINNEA-O_(Tridino_1ft_1100lm_840HE_1R_HV)
Lamps: 1 x Tridino_1ft_1100lm_840HE_1R_HV_1215.69lm@225mA_P=7.12573W_I=0.225A



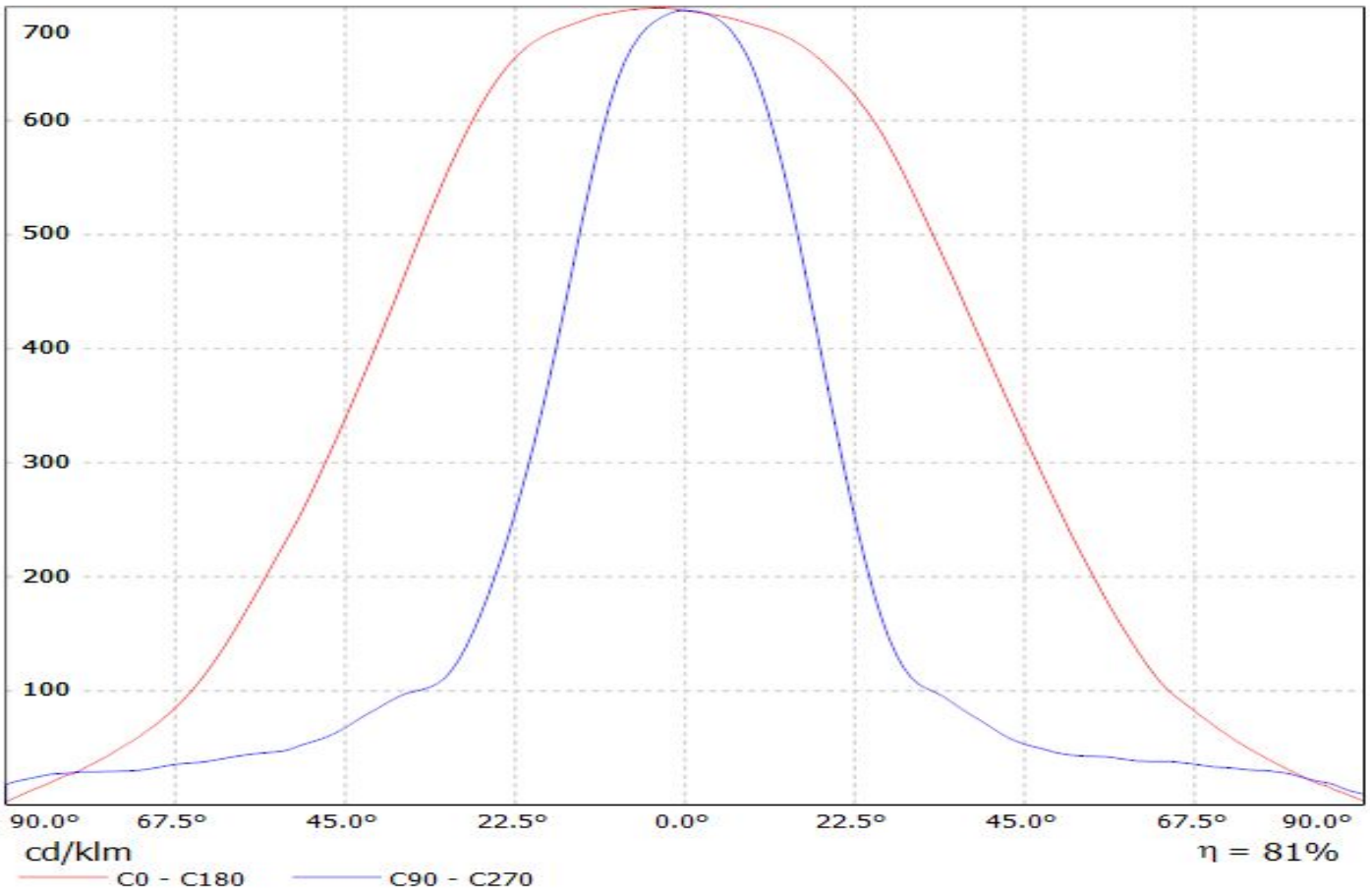
Luminaire: LEDiL Oy F15756_LINNEA-O_(XP-E)
Lamps: 1 x Cree_XP-E_x12_(XPEWHT-L1-3C0-Q5-0-00)_920.665lm@250mA_P=9.07548W_U=36.329V



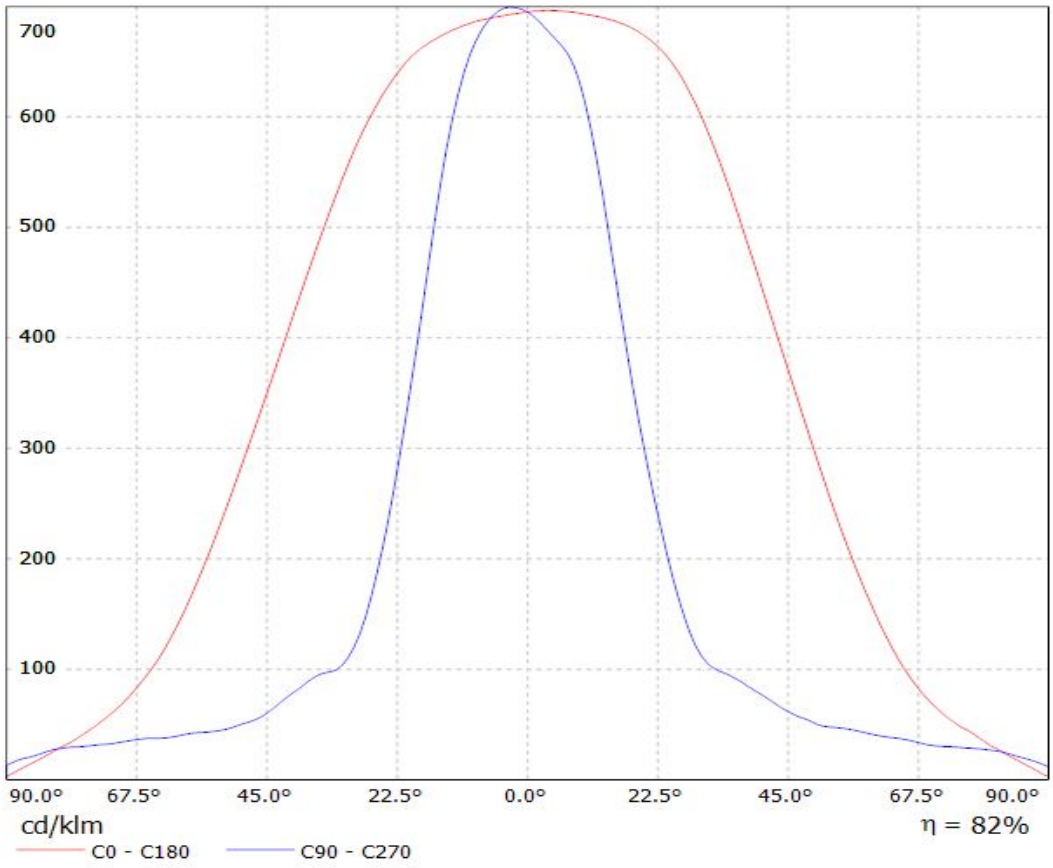
Luminaire: Ledil Oy F15756_LINNEA-O_(NF2W757GR-V1)_SIMULATED
Lamps: 1 x Nichia NF2W757GR-V1



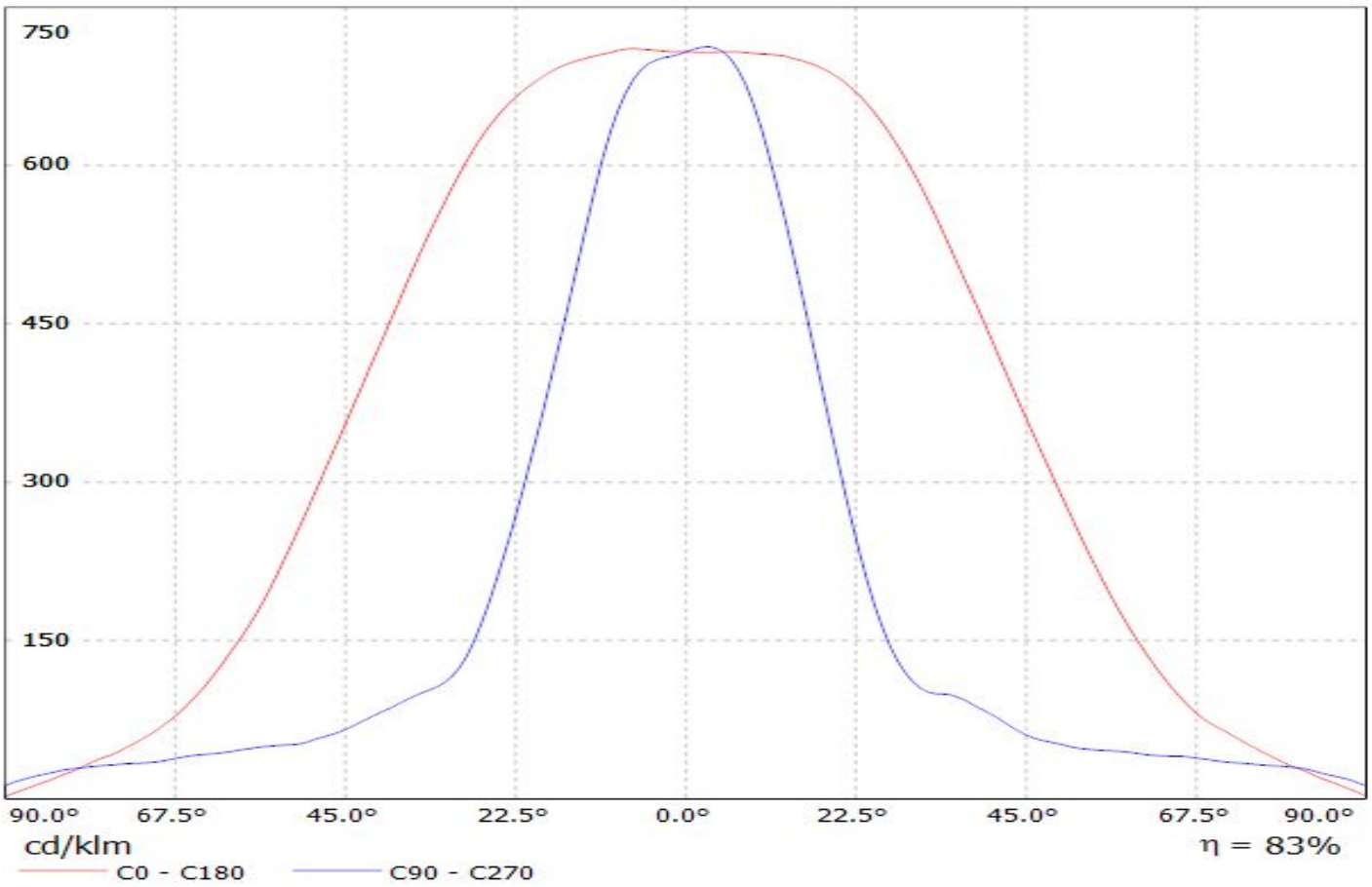
Luminaire: LEDiL Oy F15756_LINNEA-O _(NFSx757G)
Lamps: 1 x Nichia_NFSx757Gx12_389.068lm@65mA_P=2.23905W_U=34.391V



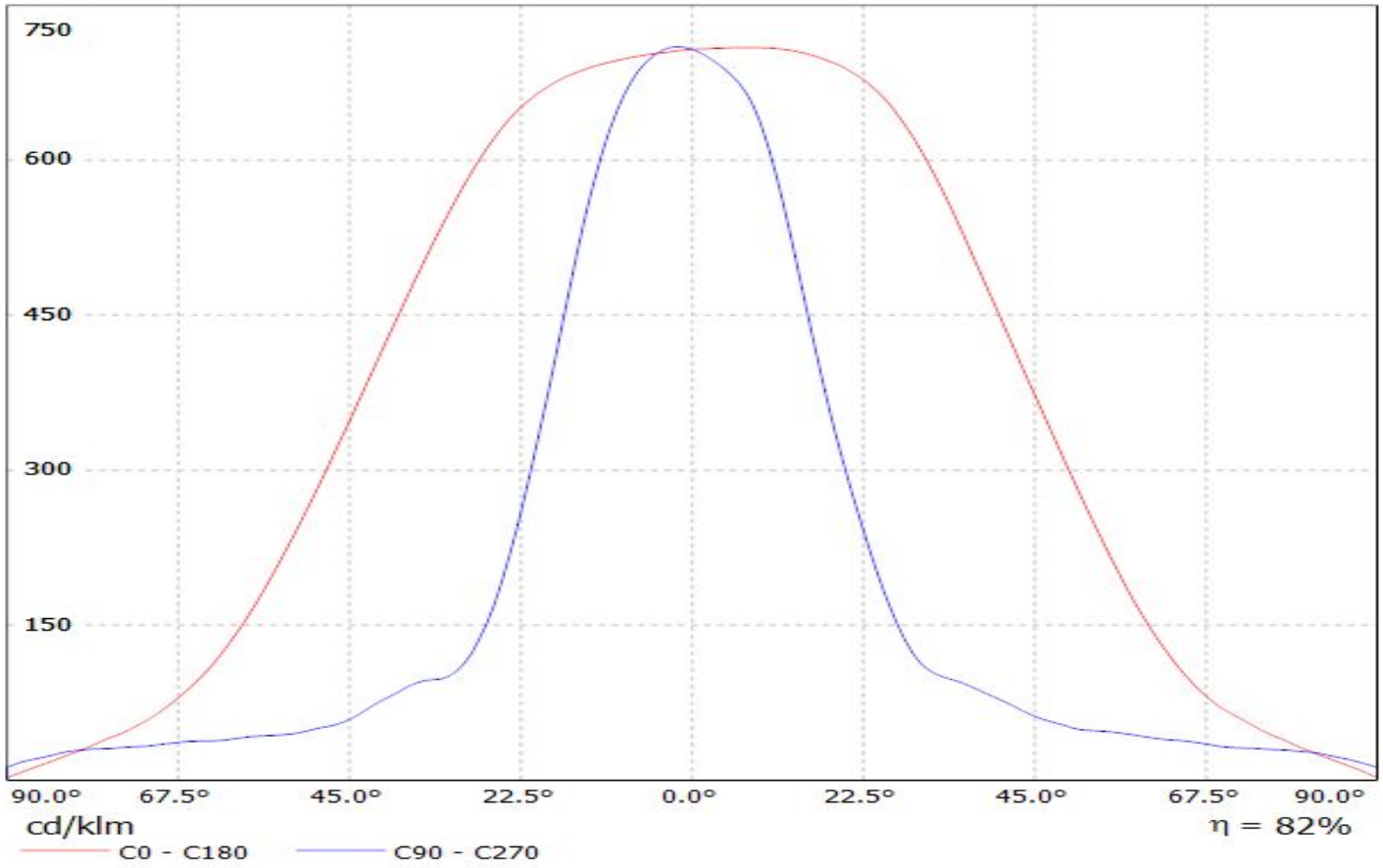
Luminaire: LEDiL Oy F15756_LINNEA-O_(Prevaled_Linear_Slim_1100lm)
Lamps: 1 x Osram_Prevaled_Linear_Slim_1100lm_(PL-LIN_S-Z3_1100-830_280)_1027.96lm@170mA_CCT=3000K_P=6.43142W_I=0.250A



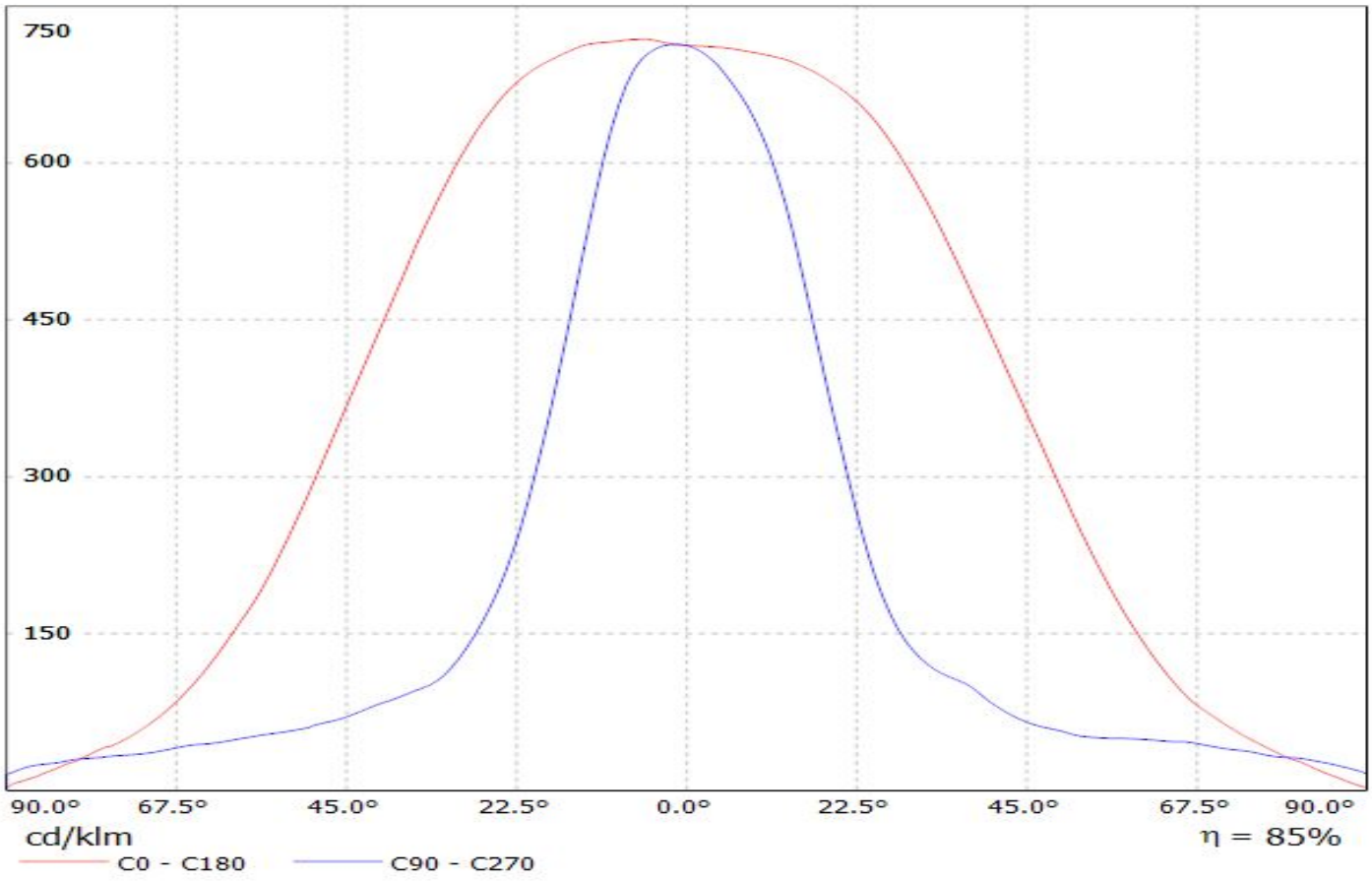
Luminaire: Ledil F15756_LINNEA-O_(Duris_S5)
Lamps: 1 x Osram_Duris_S5_1183.73lm@250mA_P=8.66003W_U=34.724V



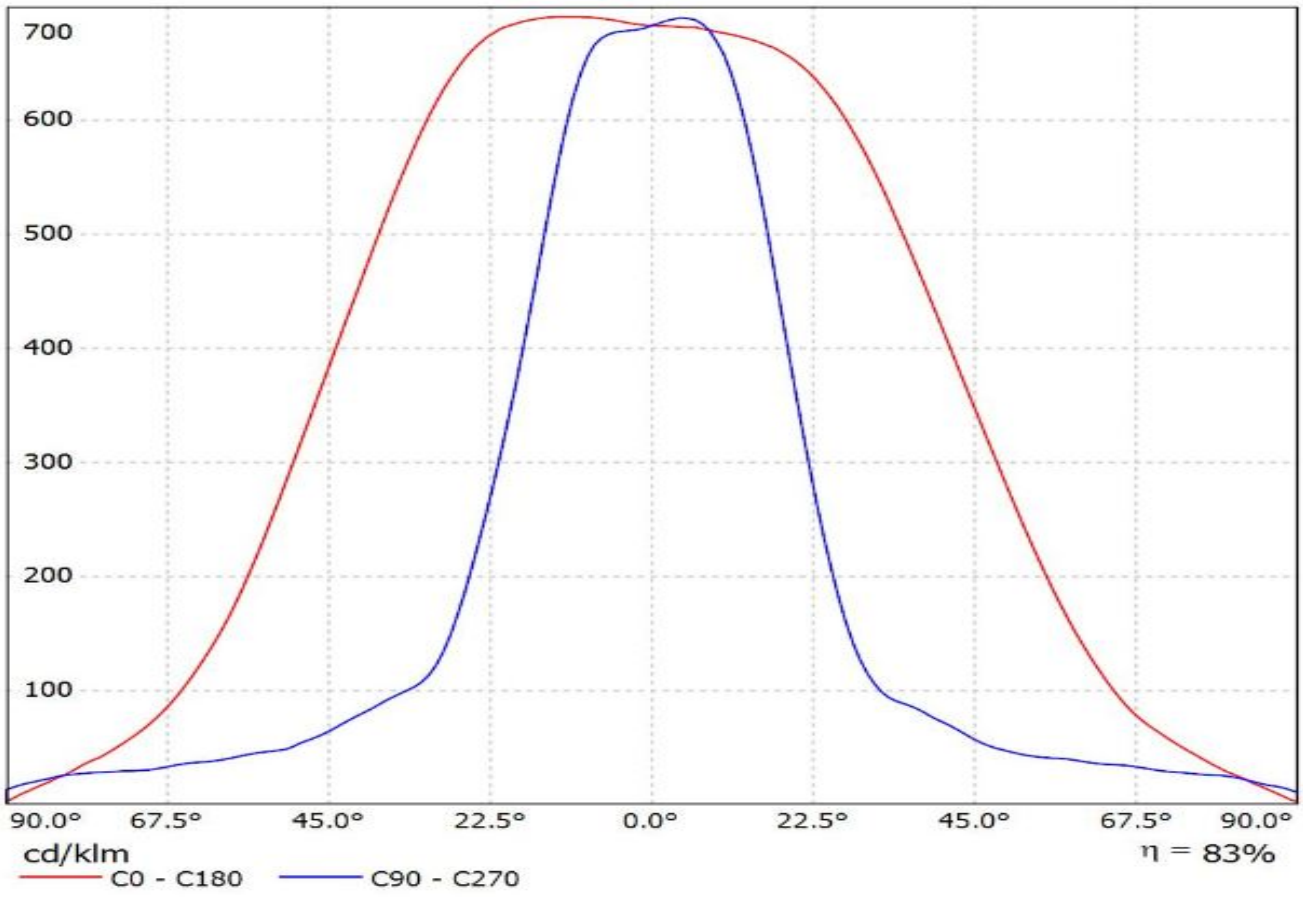
Luminaire: Ledil F15756_LINNEA-O_(Prevaled_Linear_Slim_3)
Lamps: 1 x Osram_Prevaled_Linear_Slim_3_(PL-LIN S-Z3-2000-840-280)
_1949.14lm@300mA_CCT=4000K_P=12.0015W_U=40.179V



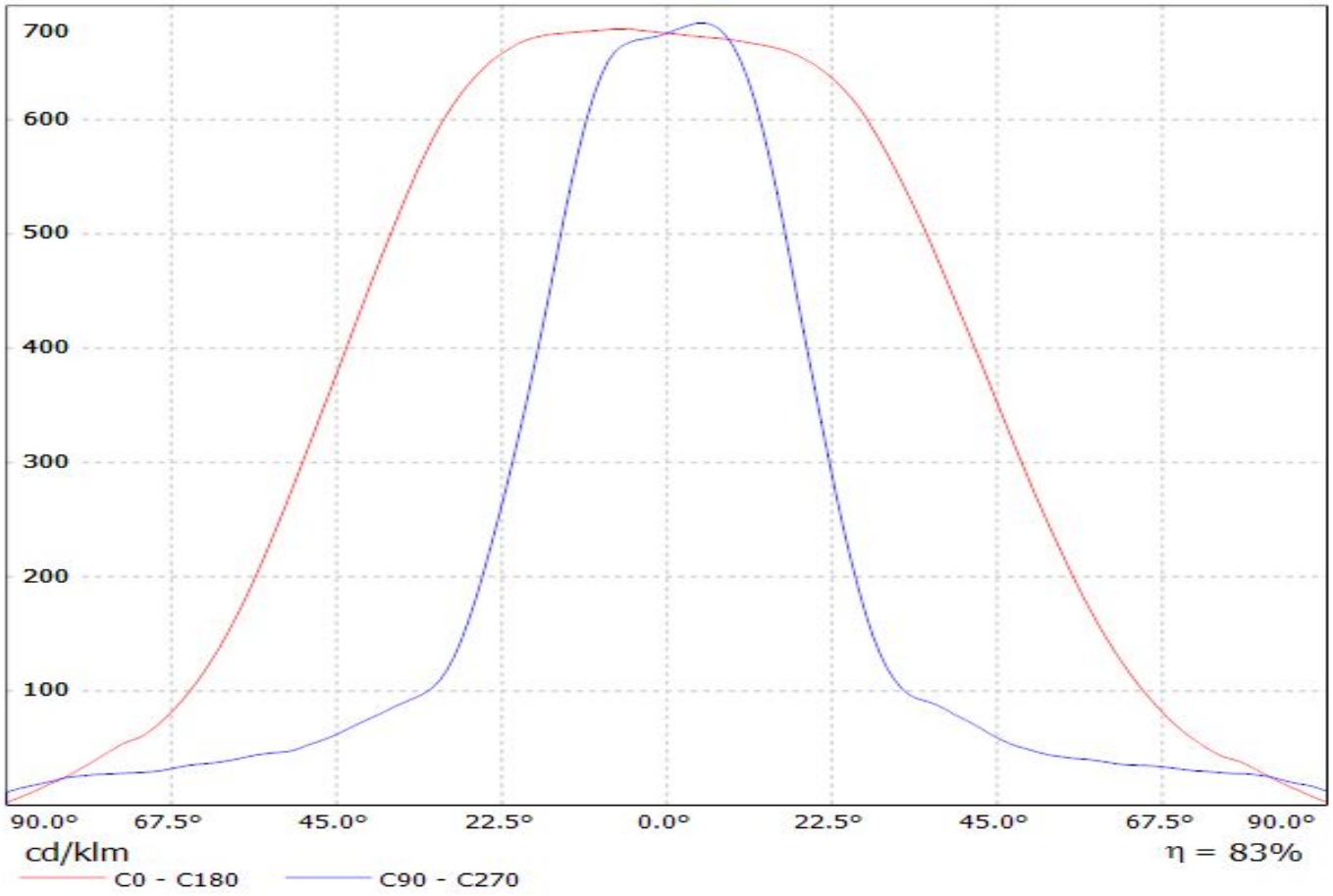
Luminaire: LEDiL Oy F15756_LINNEA-O _(Duris_S5_1chip)
Lamps: 1 x Osram_Duris_S5_1chip_(GWPSLM31_EM-GUHQ-A535-1)
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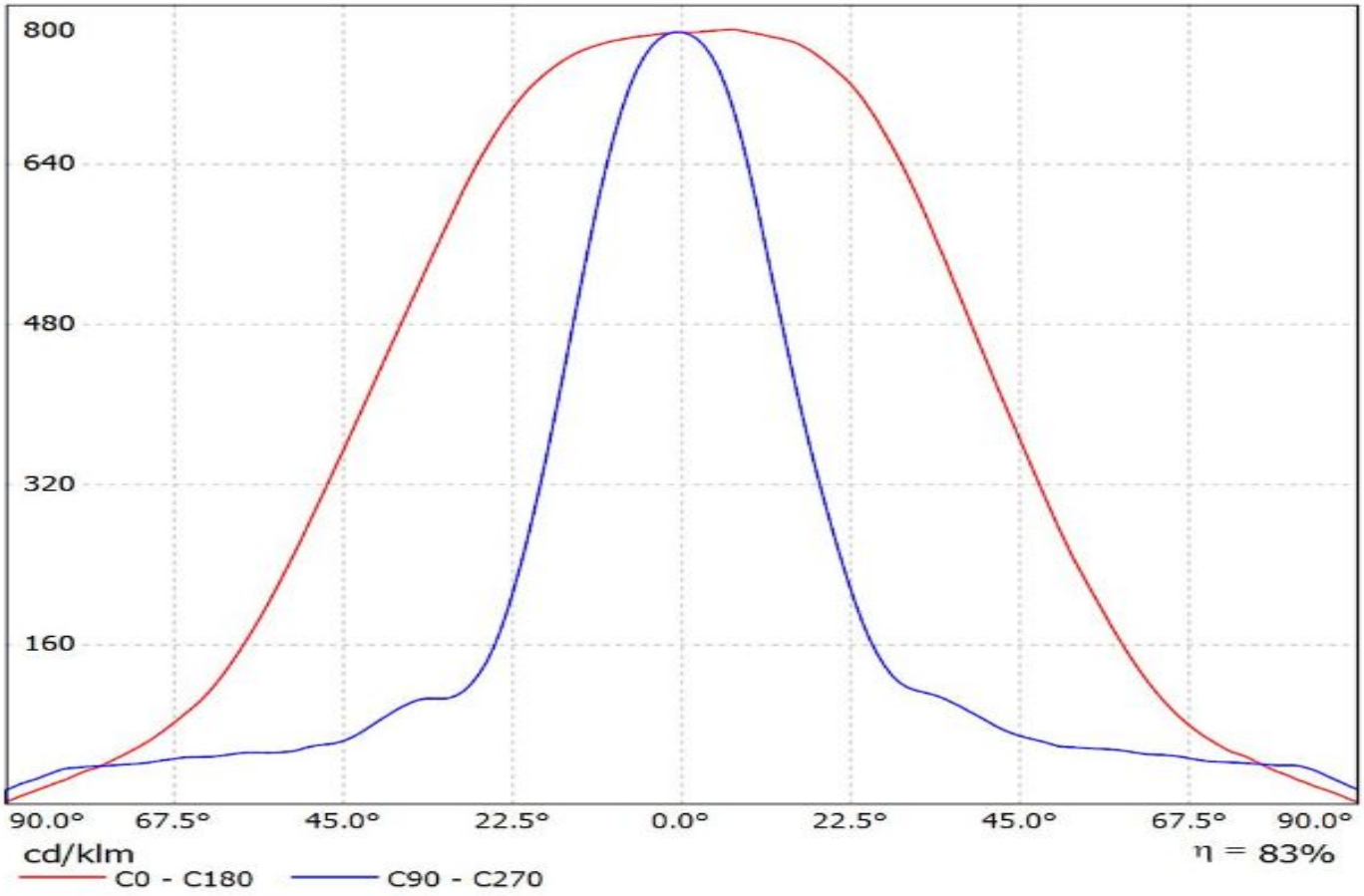
Luminaire: Ledil F15756_LINNEA-O_(Fortimo_LED_Strip_1ft_1100lm_FC_HV4)
Lamps: 1 x Philips_Fortimo_LED_Strip_1ft_1100lm_930_FC_HV4_735.772lm@250mA_P=5.6145W_U=22.496V



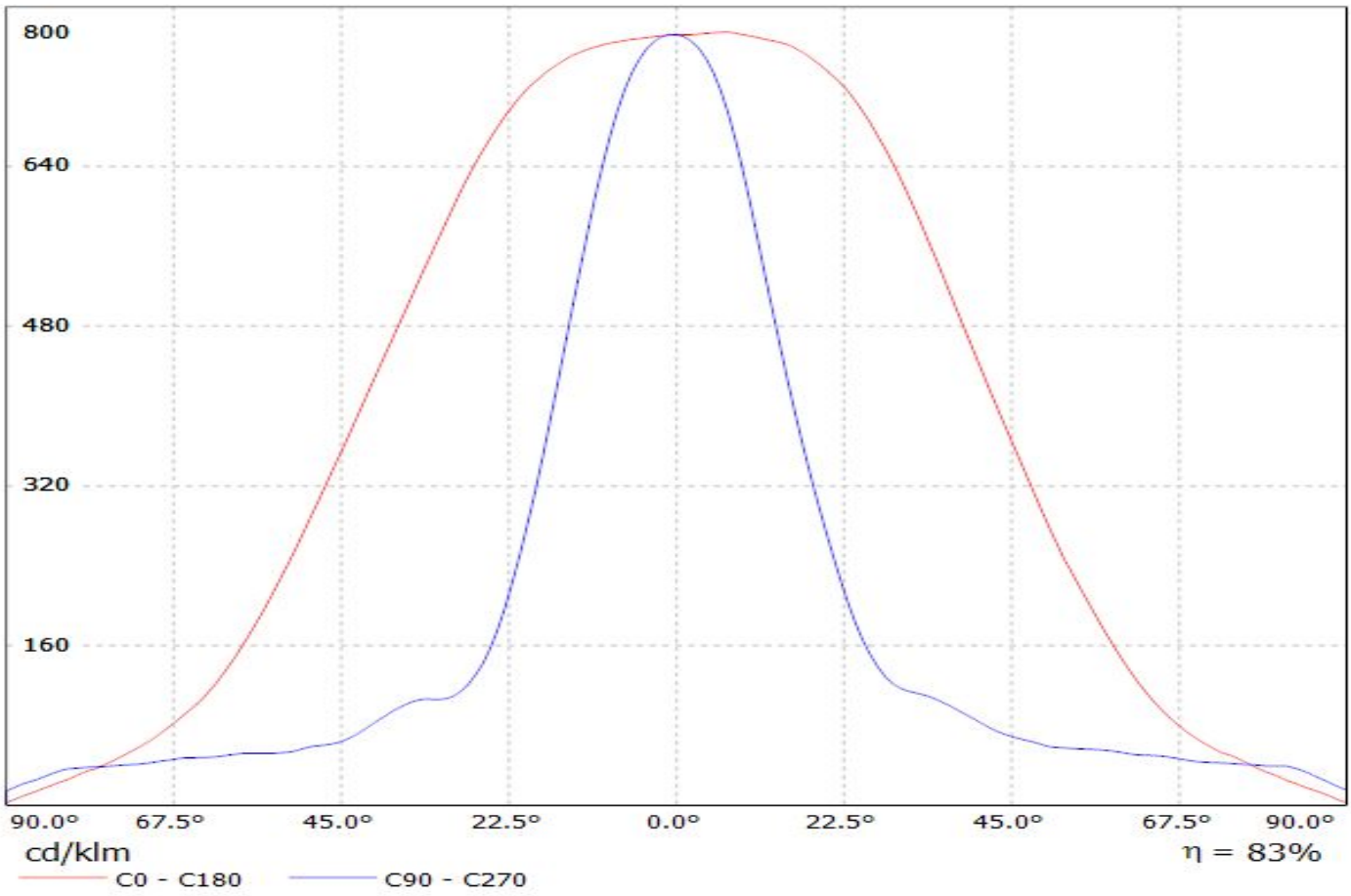
Luminaire: Ledil F15756_LINNEA-O_(Fortimo_LED_Strip_1ft_650lm_FC_LV4)
Lamps: 1 x Philips_Fortimo_LED_Strip_1ft_650lm_FC_LV4_994.849lm@190mA_P=6.82273W_U=35.990V



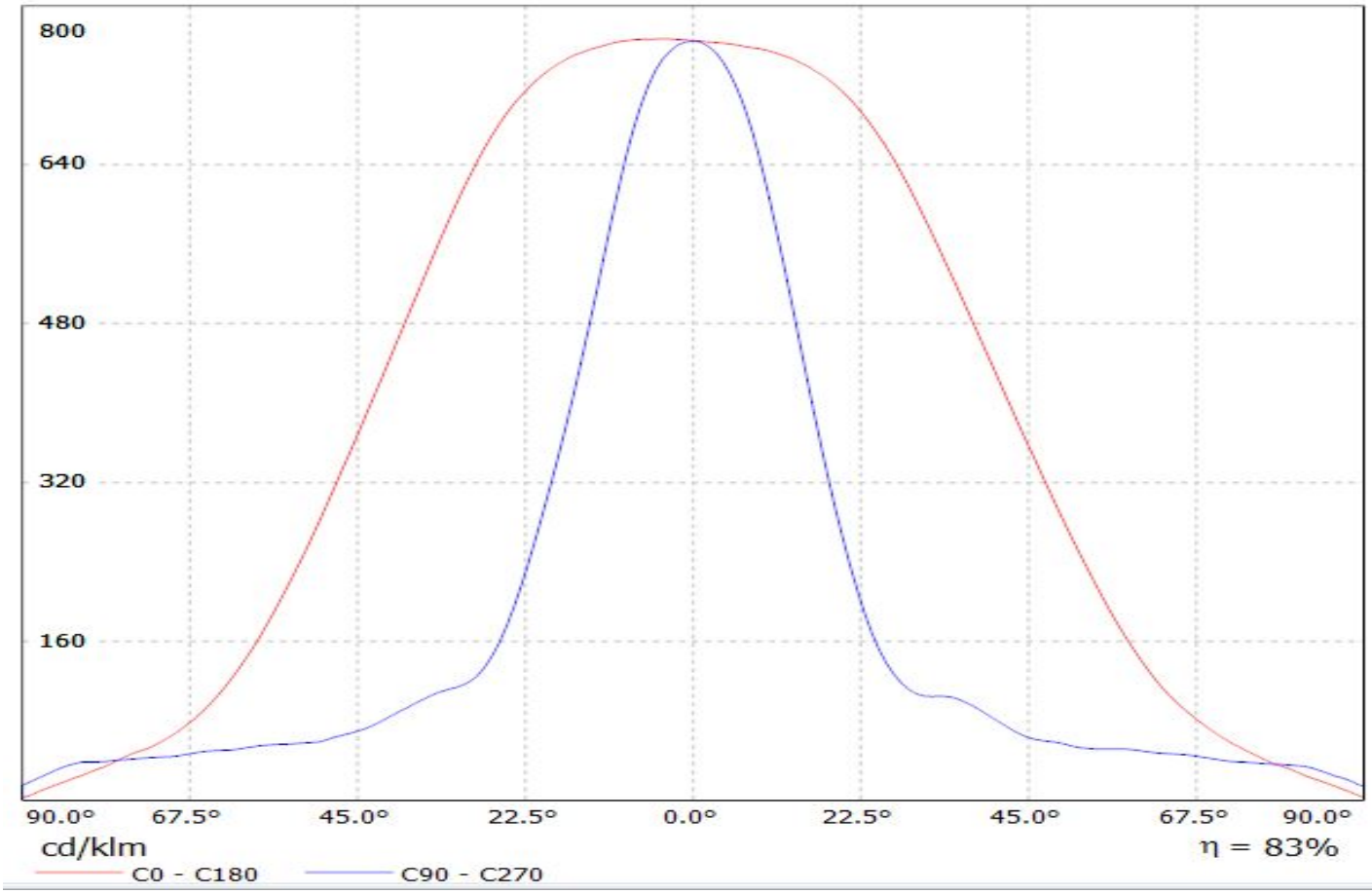
Luminaire: Ledil F15756_LINNEA-O_(LT-V282E)
Lamps: 1 x Samsung_LT-V282E_(LM281B)_1072.13lm@300mA_CCT=4000K_P=7.1427W_I=0.30A



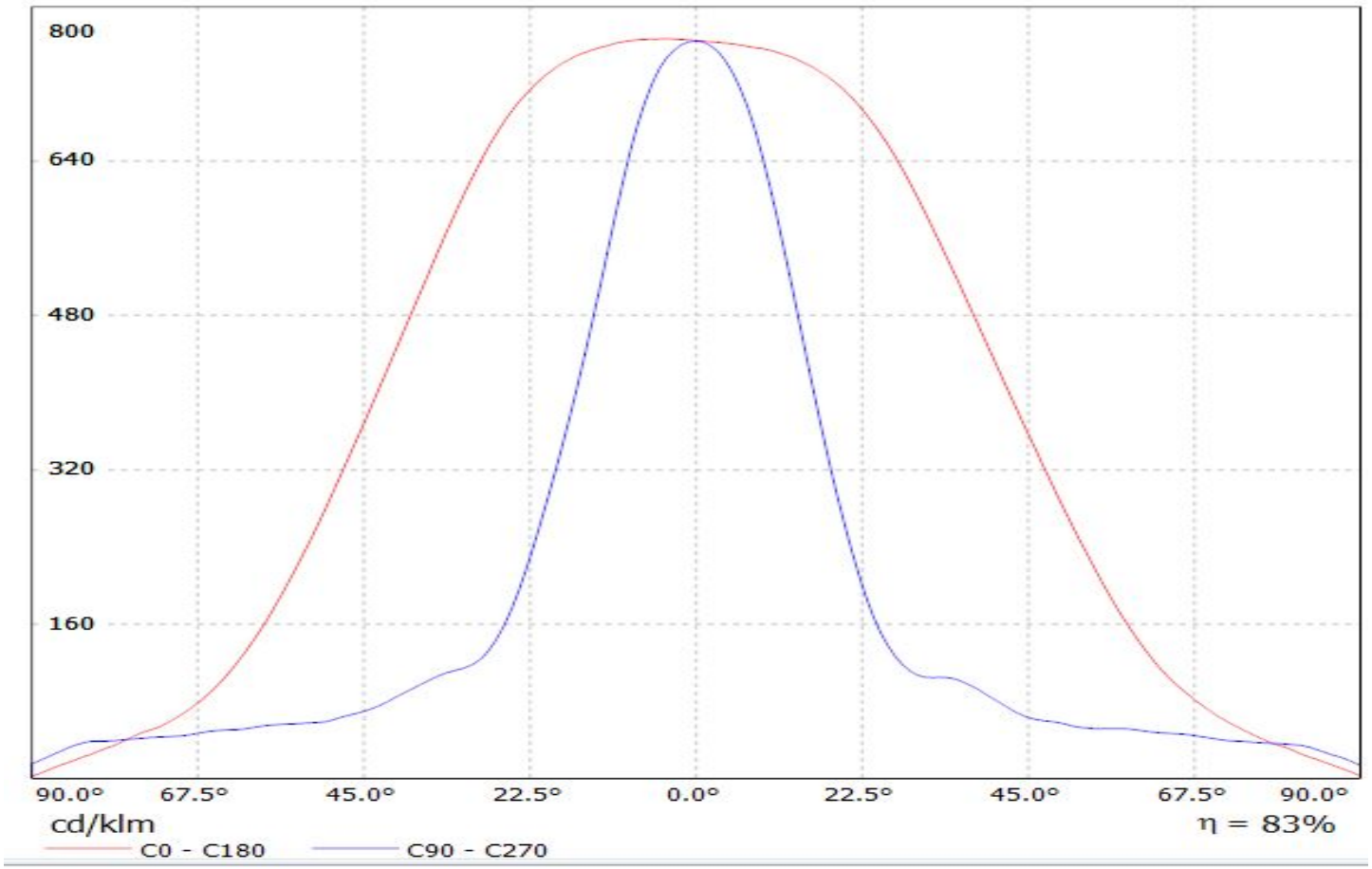
Luminaire: Ledil F15756_LINNEA-O_(LT-V562E)
Lamps: 1 x Samsung_LT-V562E_(LM281B)_2144.6lm@300mA_CCT=4000K_P=14.2854W_I=0.30A



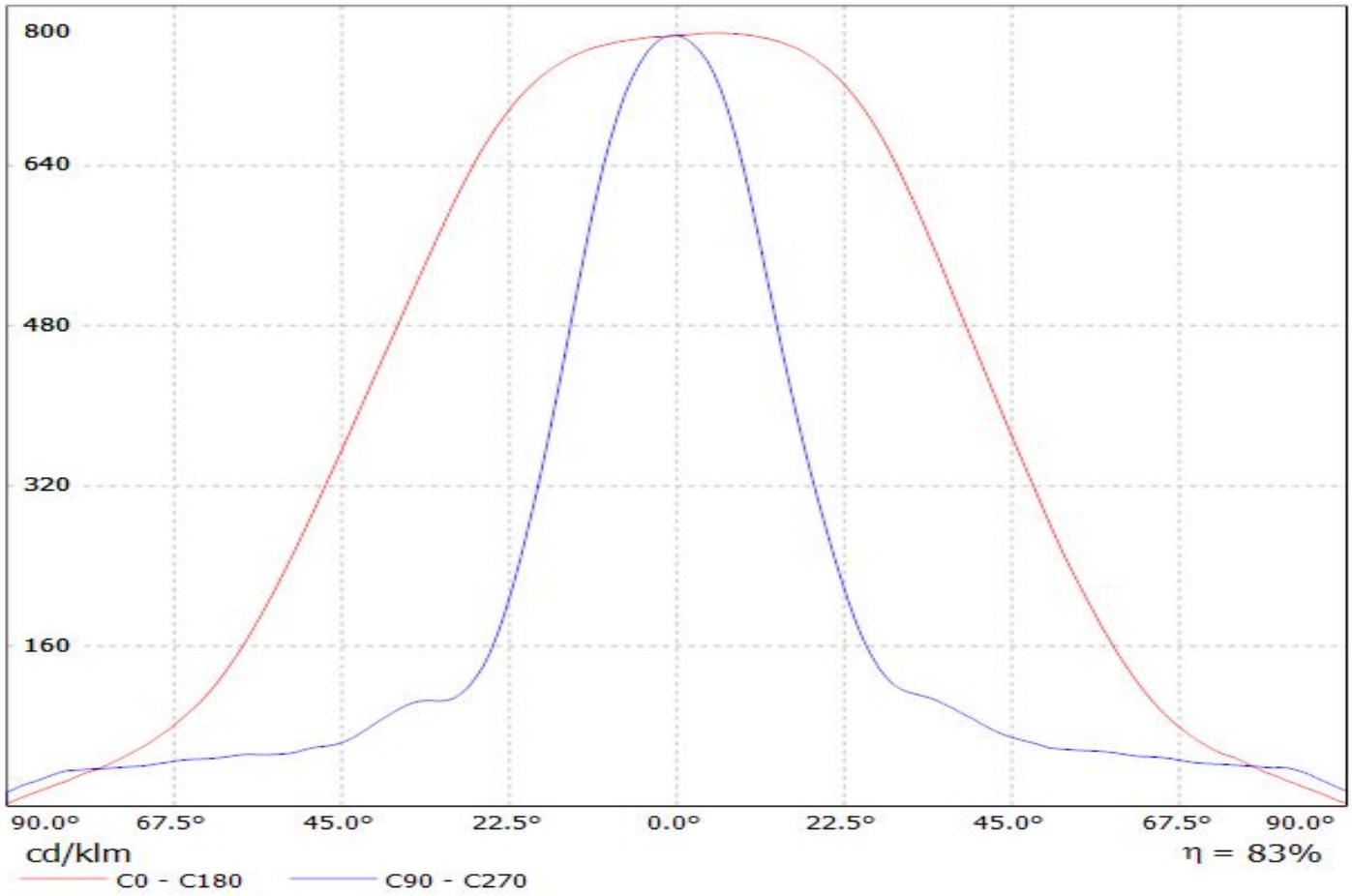
Luminaire: Ledil F15756_LINNEA-O_(LT-H282C)
Lamps: 1 x Samsung_LT-H282C_(LM561C)_997.05lm@240mA_CCT=4000K_P=5.43445W_I=0.240A



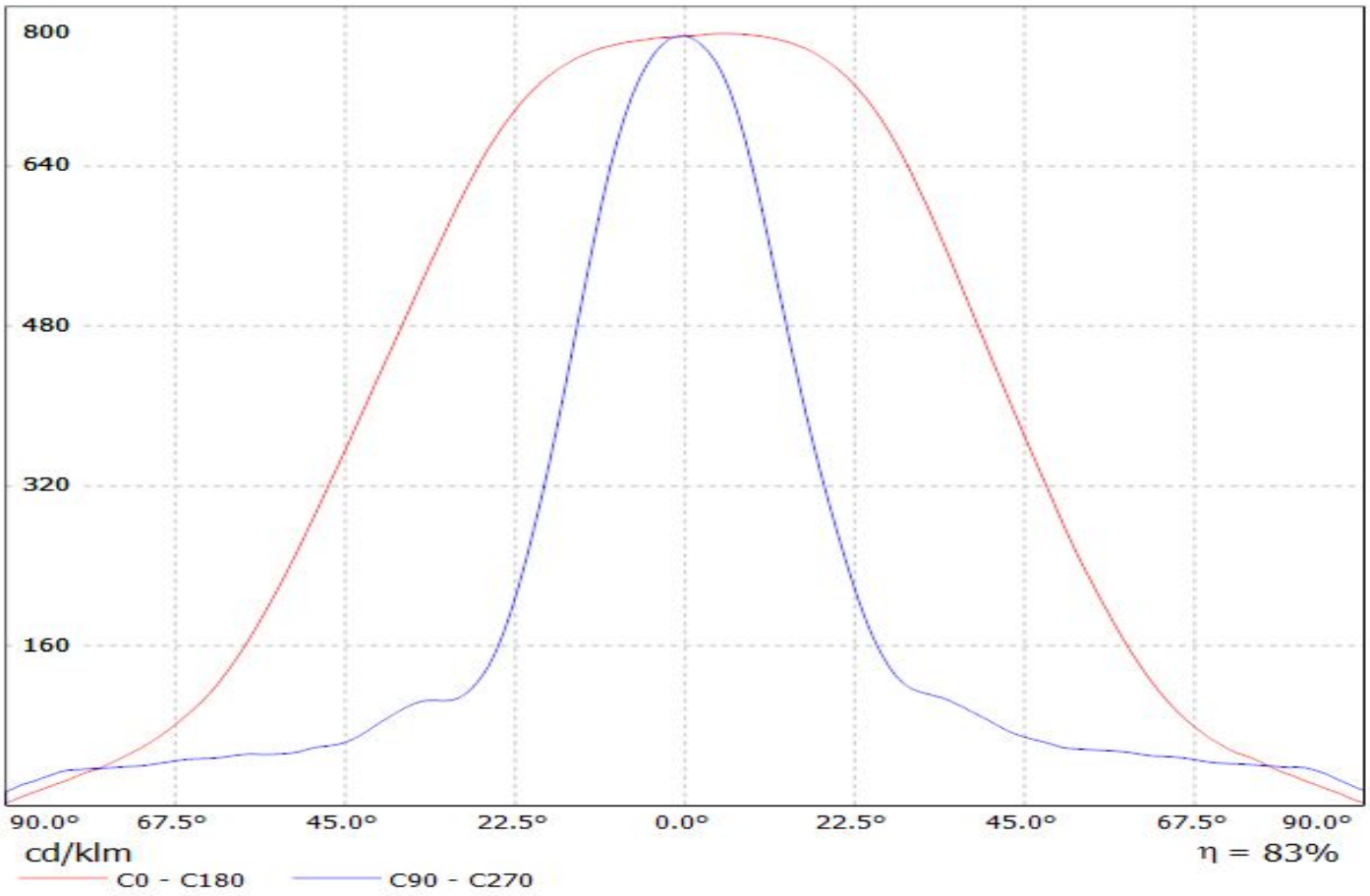
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Lamps: 1 x Samsung_LT-H562C_(LM561C)_1994.1lm@240mA_CCT=4000K_P=10.8689W_I=0.240A



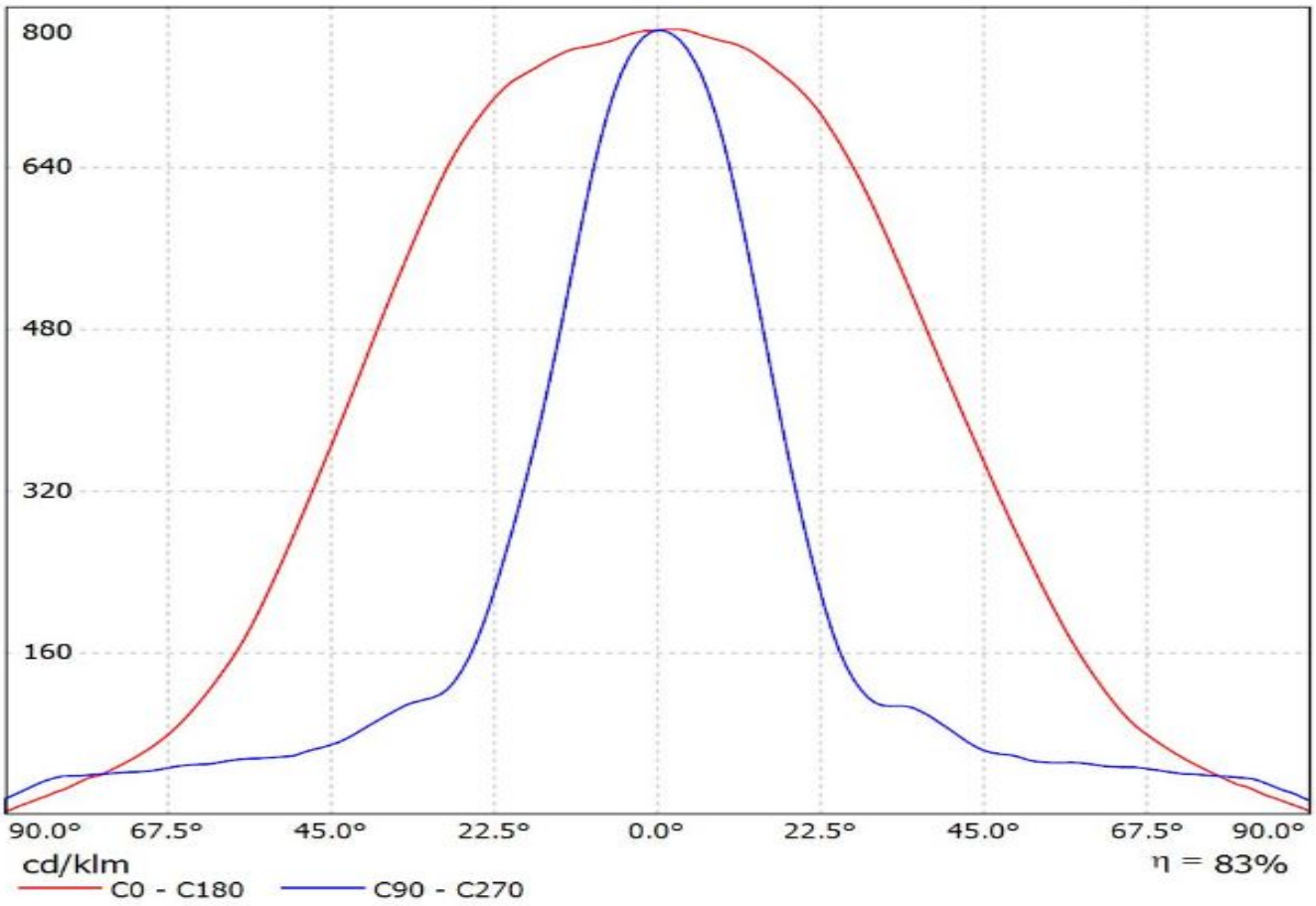
Luminaire: Ledil F15756_LINNEA-O_(LT-S282H)
Lamps: 1 x Samsung_LT-S282H_(LM561B+)_1143.31lm@300mA_P=7.2W_I=0.30A



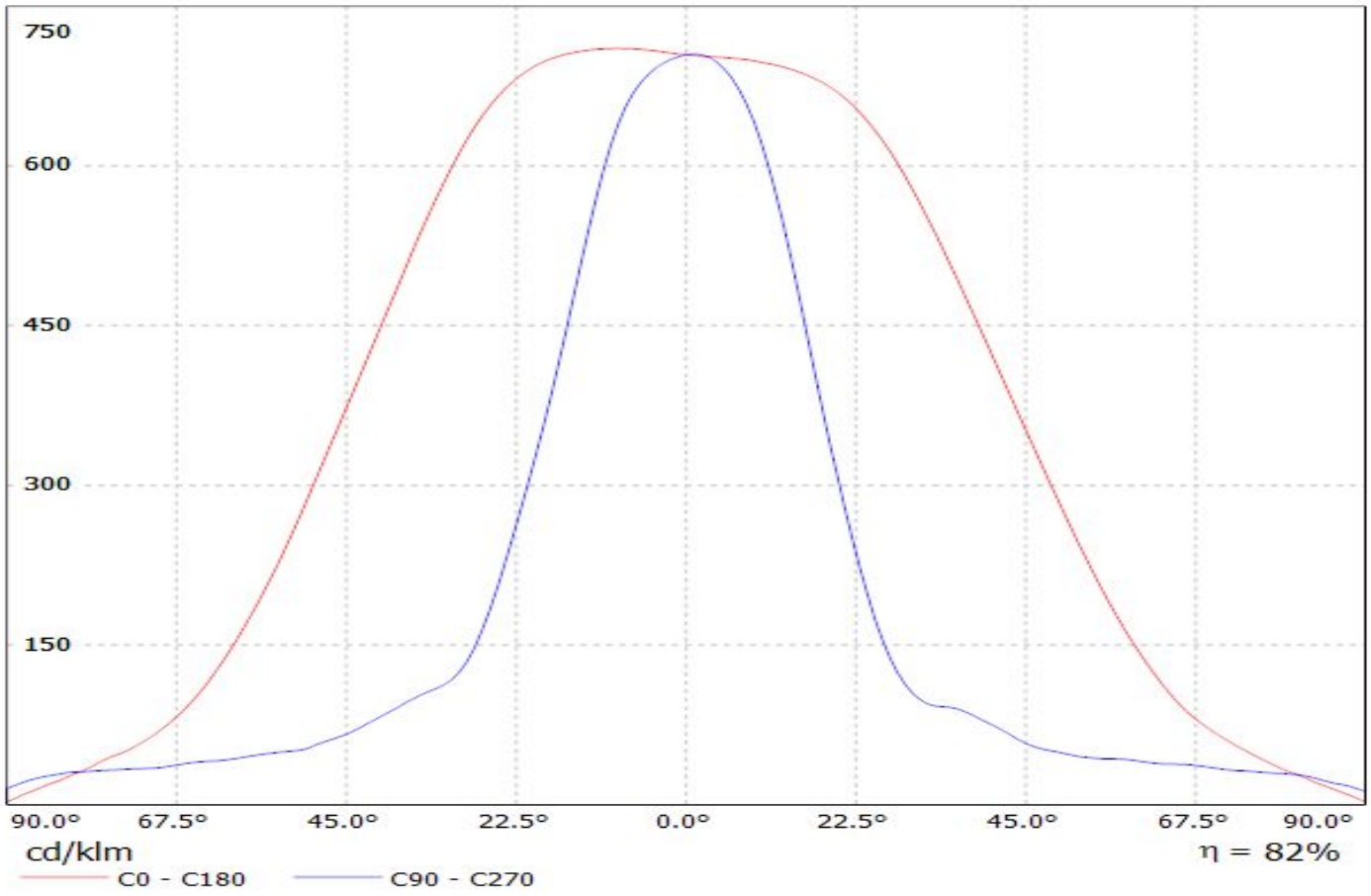
Luminaire: Ledil F15756_LINNEA-O_(LT-S562H)
Lamps: 1 x Samsung_LT-S562H_(LM561B+)_2286.62lm@300mA_P=14.4W_I=0.30A



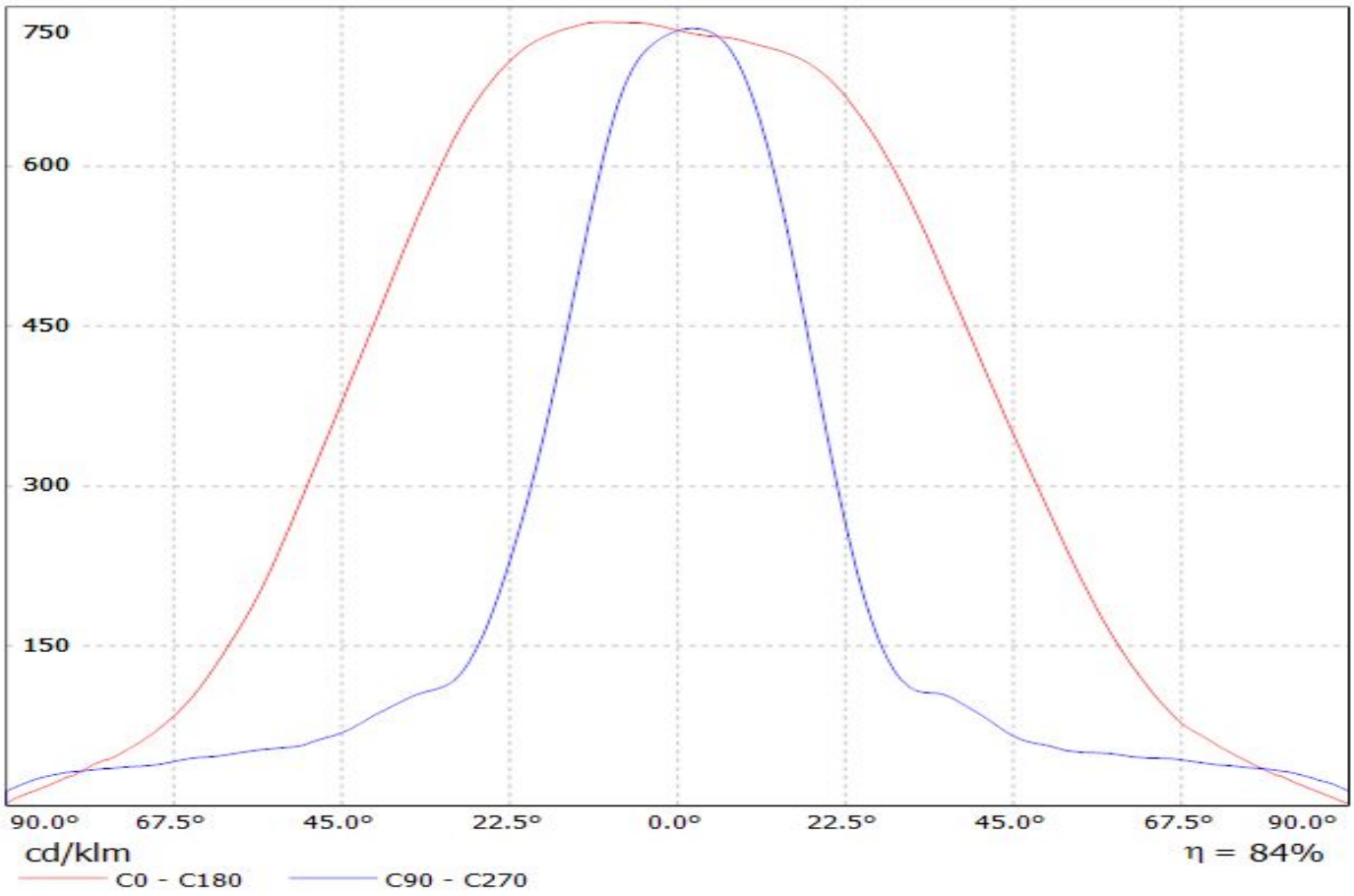
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Lamps: 1 x Samsung_LT-Q282B_(LM301B_SI-B8T053280EU)_943.526lm@180mA_P=4.99618W_U=27.805V



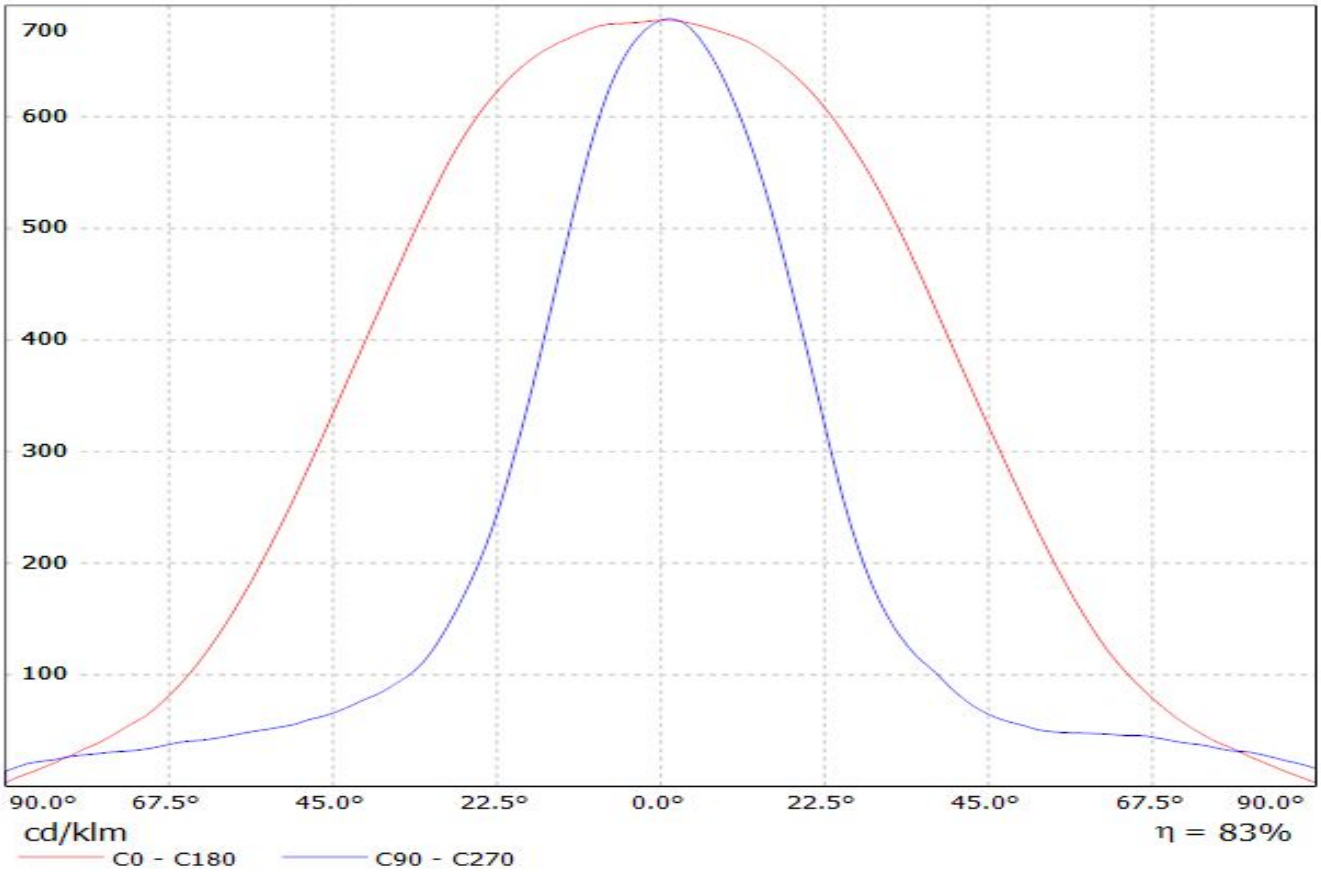
Luminaire: LEDiL Oy F15756_LINNEA-O_(Seoul_semi_5630D)
Lamps: 1 x Seoul_Semi_5630D_932.657lm@250mA_P=5.68145W_I=0.250A



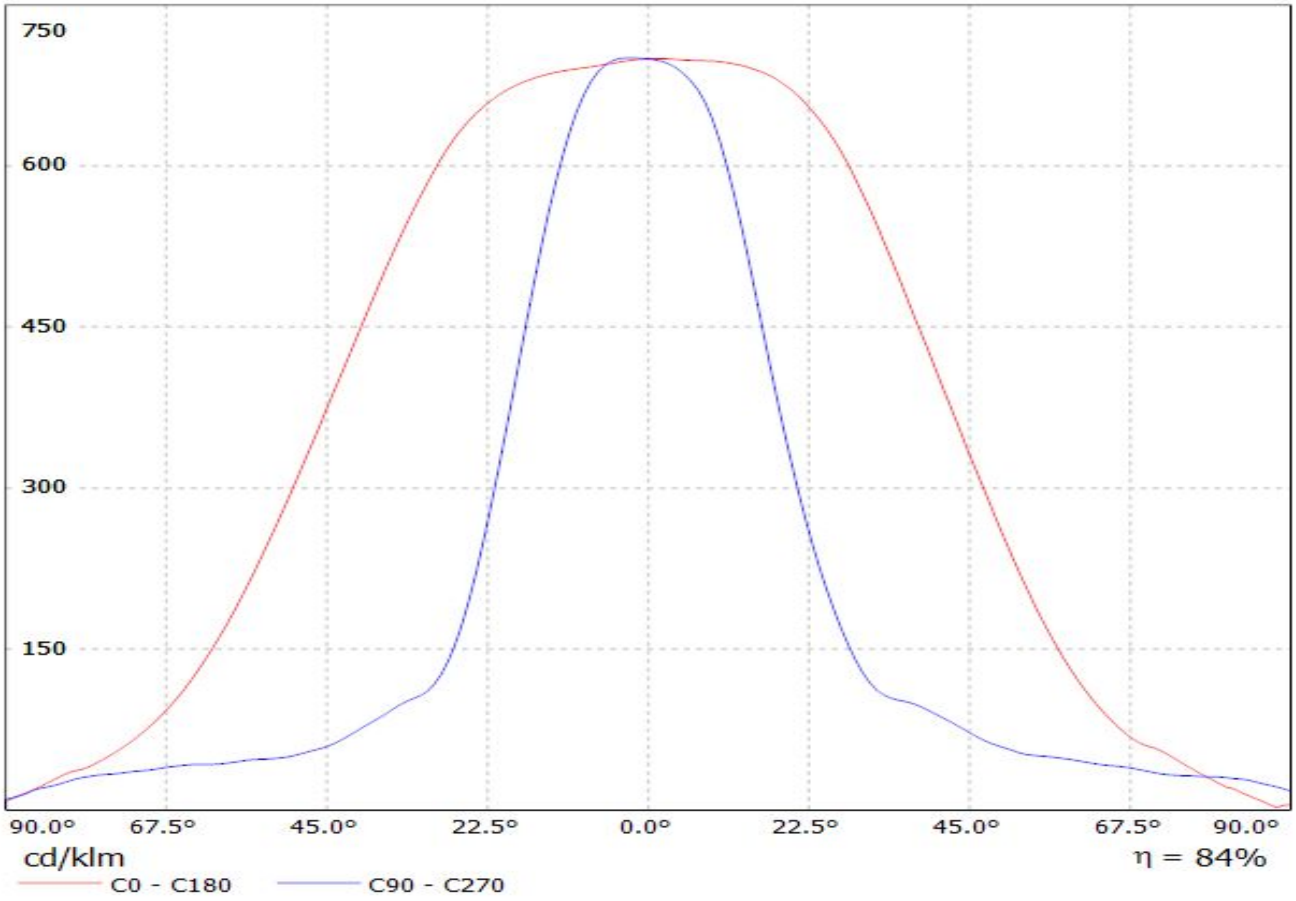
Luminaire: Ledil F15756_LINNEA-O_(SunLike_3030)
Lamps: 1 x SEOUL_SunLike_3030_(STW9C2PB-S)_2_240.649lm@0.65mA_P=2.30531W_U=35.538V



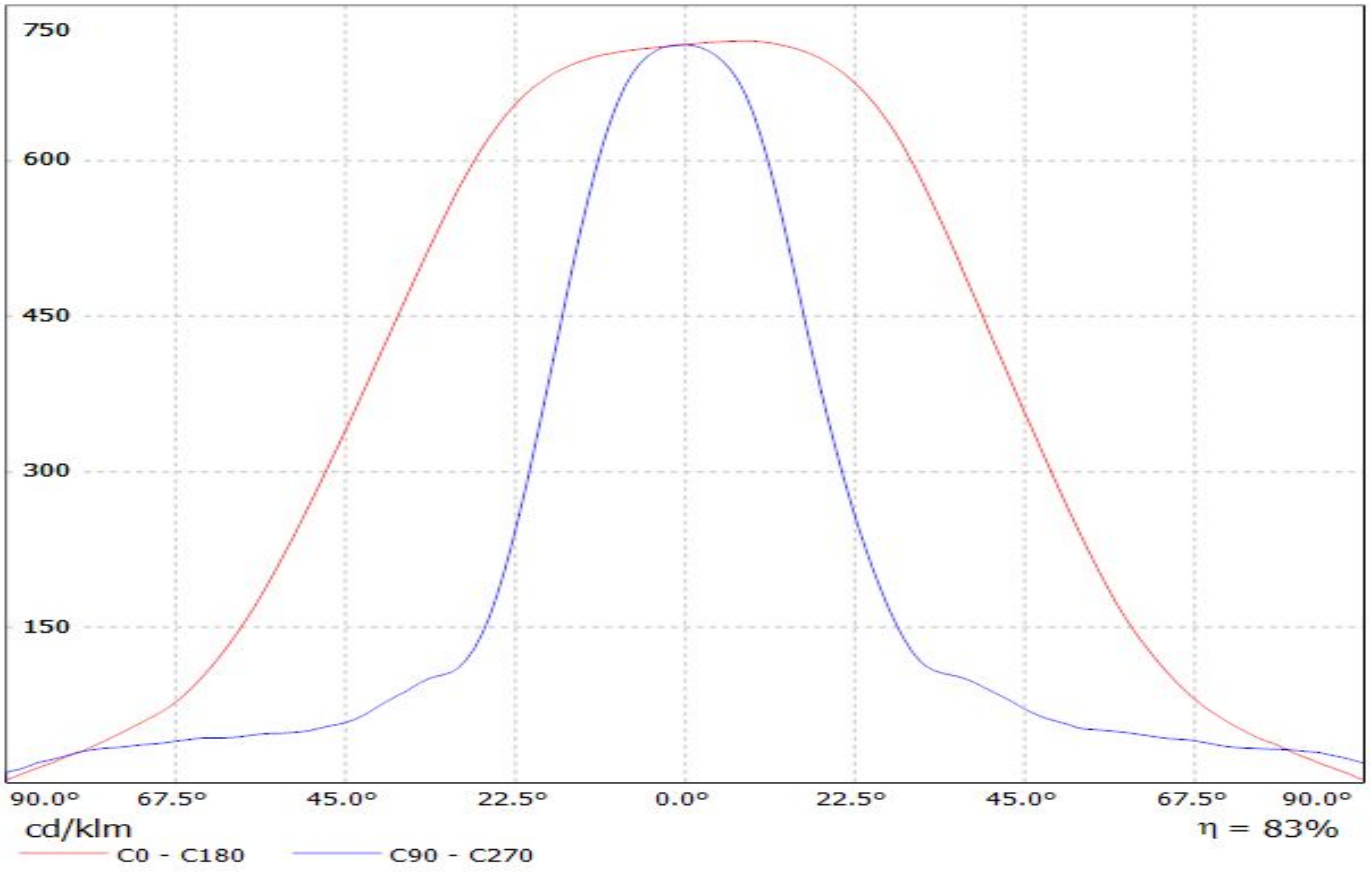
Luminaire: LEDiL Oy F15756_LINNEA-O_(LLE_G4_24x280mm_2000lm_840_2T_ADV)
Lamps: 1 x
Tridonic_LLE_G4_24x280mm_2000lm_840_2T_ADV_1455.22lm@250mA_CCT=4000K_P=8.45498W_I=0.250A



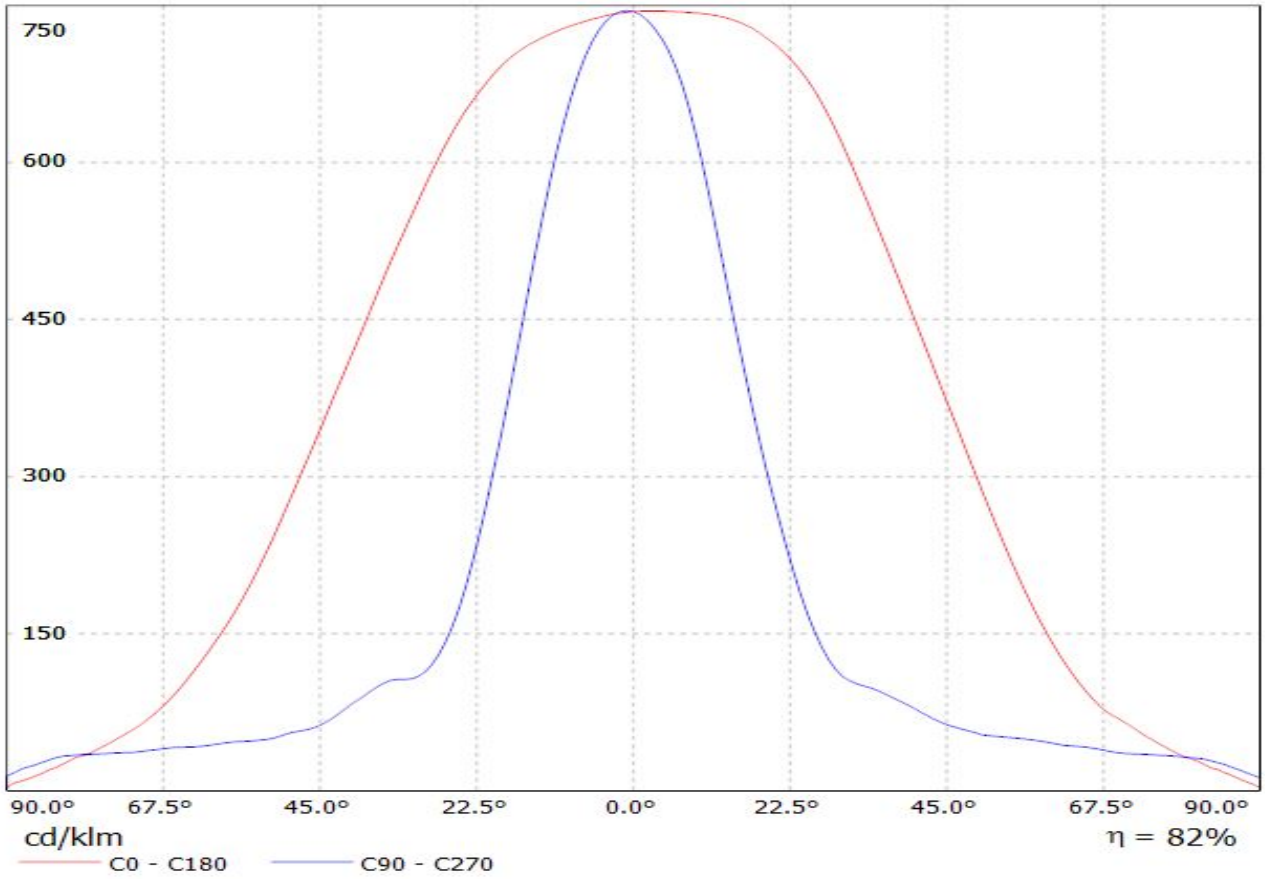
Luminaire: LEDiL Oy F15756_LINNEA-O_(LLE_G4_24x280mm_650lm_840_2T_ADV)
Lamps: 1 x
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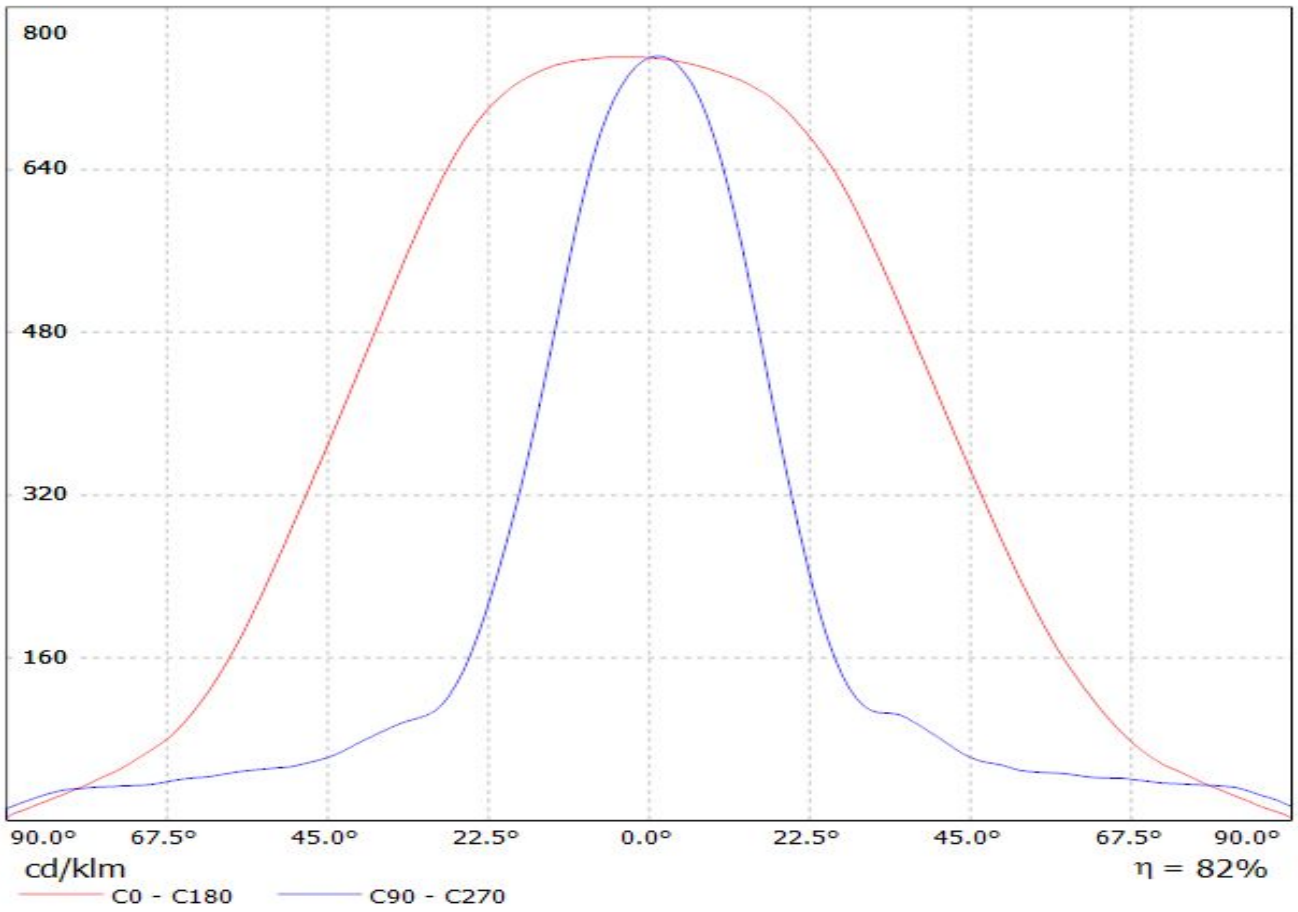
Luminaire: Ledil F15756_LINNEA-O_(LLE_G4_24x280mm_1250lm_840_4T_ADV)
Lamps: 1 x Tridonic_(LLE_G4_24x280mm_1250lm_840_4T_ADV)
_966.809lm@250mA_CCT=4000K_P=5.629W_U=22.525V



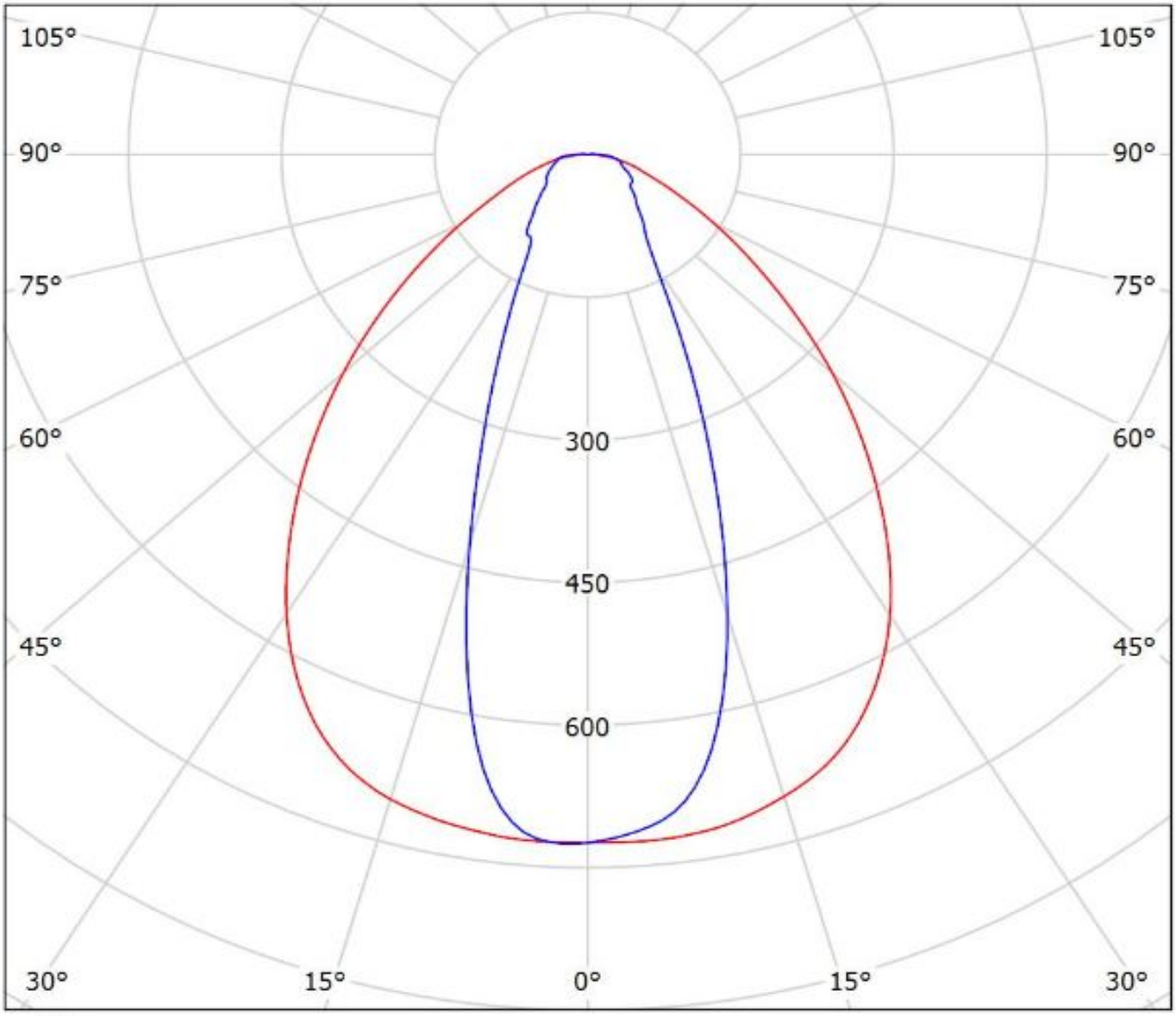
Luminaire: LEDiL Oy F15756_LINNEA-O_(CALOSNU405-M7W1)
Lamps: 1 x ARRANT_LIGHT_CALOSNU405-M7W1_494.124lm@250mA_CCT=4000K_P=2.74955W_U=11.007V



Luminaire: Ledil F15756_LINNEA-O_(CALOSNU410-M7W1)
Lamps: 1 x ARRANT_LIGHT_CALOSNU410-M7W1_499.378lm@250mA_CCT=4000K_P=2.70242W_U=10.814V



Luminaire: LEDiL Oy F15756_LINNEA-O_(Tridino_1ft_1100lm_840HE_1R_HV)
Lamps: 1 x Tridino_1ft_1100lm_840HE_1R_HV_1215.69lm@225mA_P=7.12573W_I=0.225A

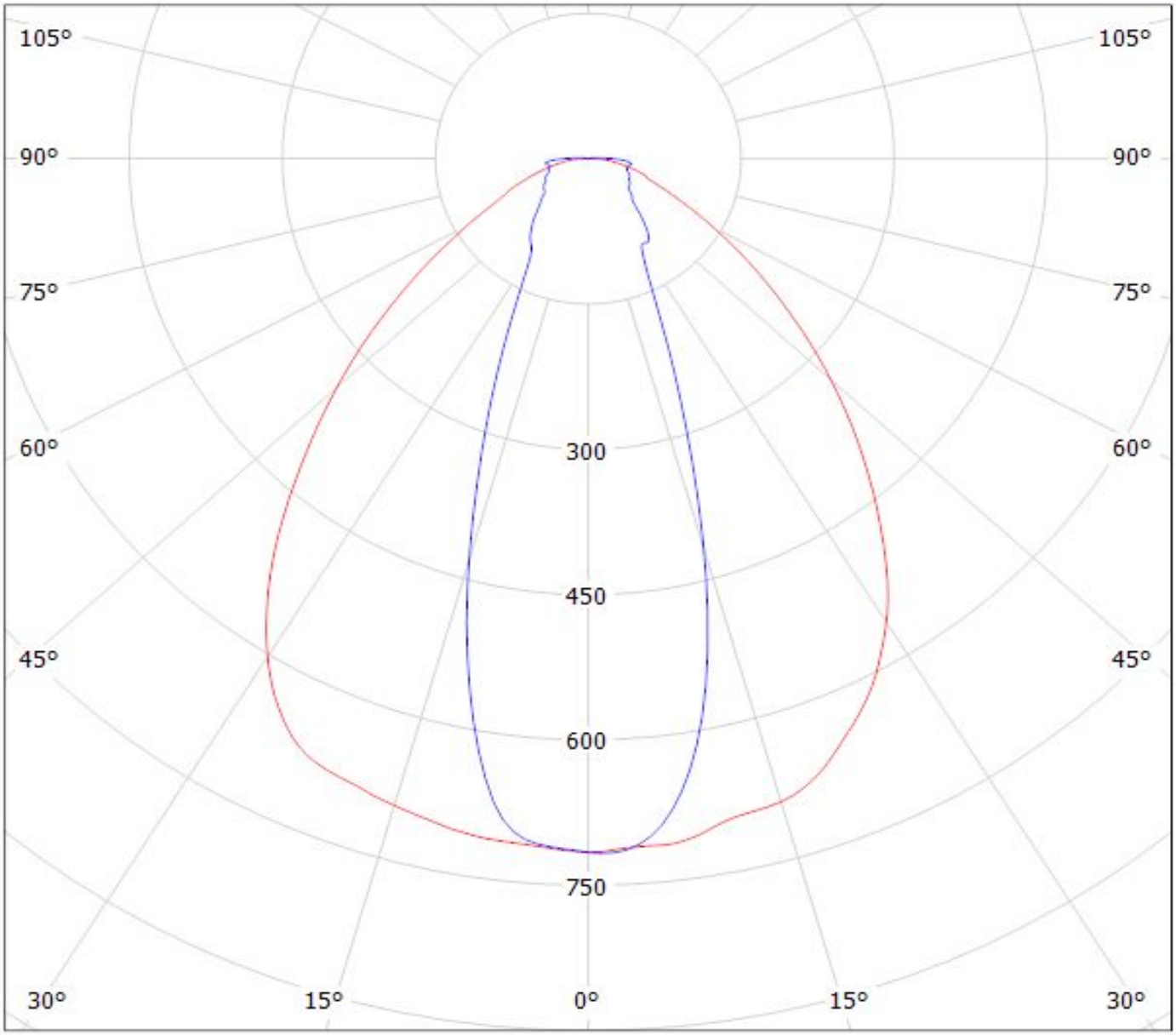


cd/klm

η = 84%

C0 - C180 C90 - C270

Luminaire: LEDiL Oy F15756_LINNEA-O_(XP-E)
Lamps: 1 x Cree_XP-E_x12_(XPEWHT-L1-3C0-Q5-0-00)_920.665lm@250mA_P=9.07548W_U=36.329V

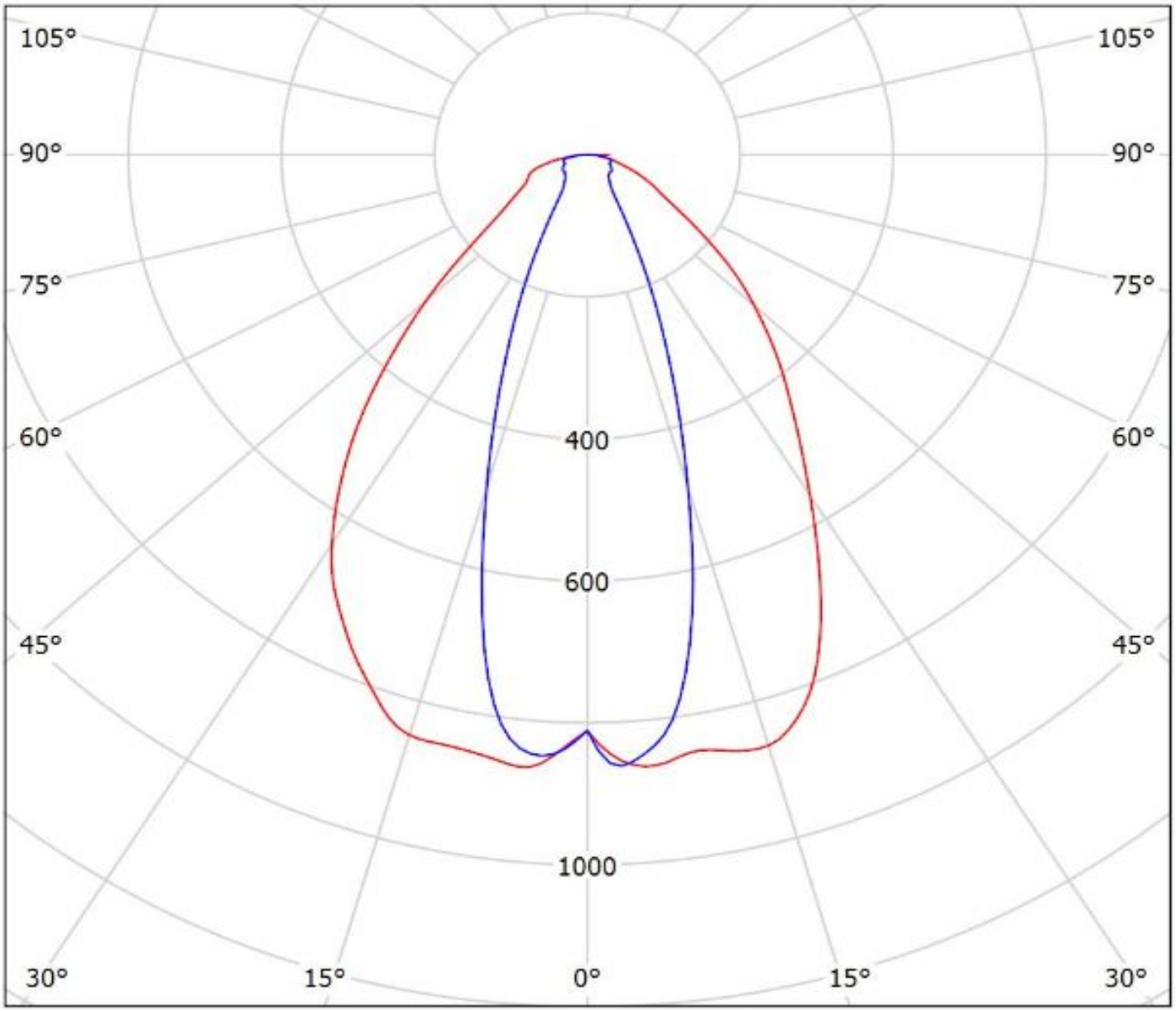


cd/klm

η = 81%

C0 - C180 C90 - C270

Luminaire: Ledil Oy F15756_LINNEA-O_(NF2W757GR-V1)_SIMULATED
Lamps: 1 x Nichia NF2W757GR-V1

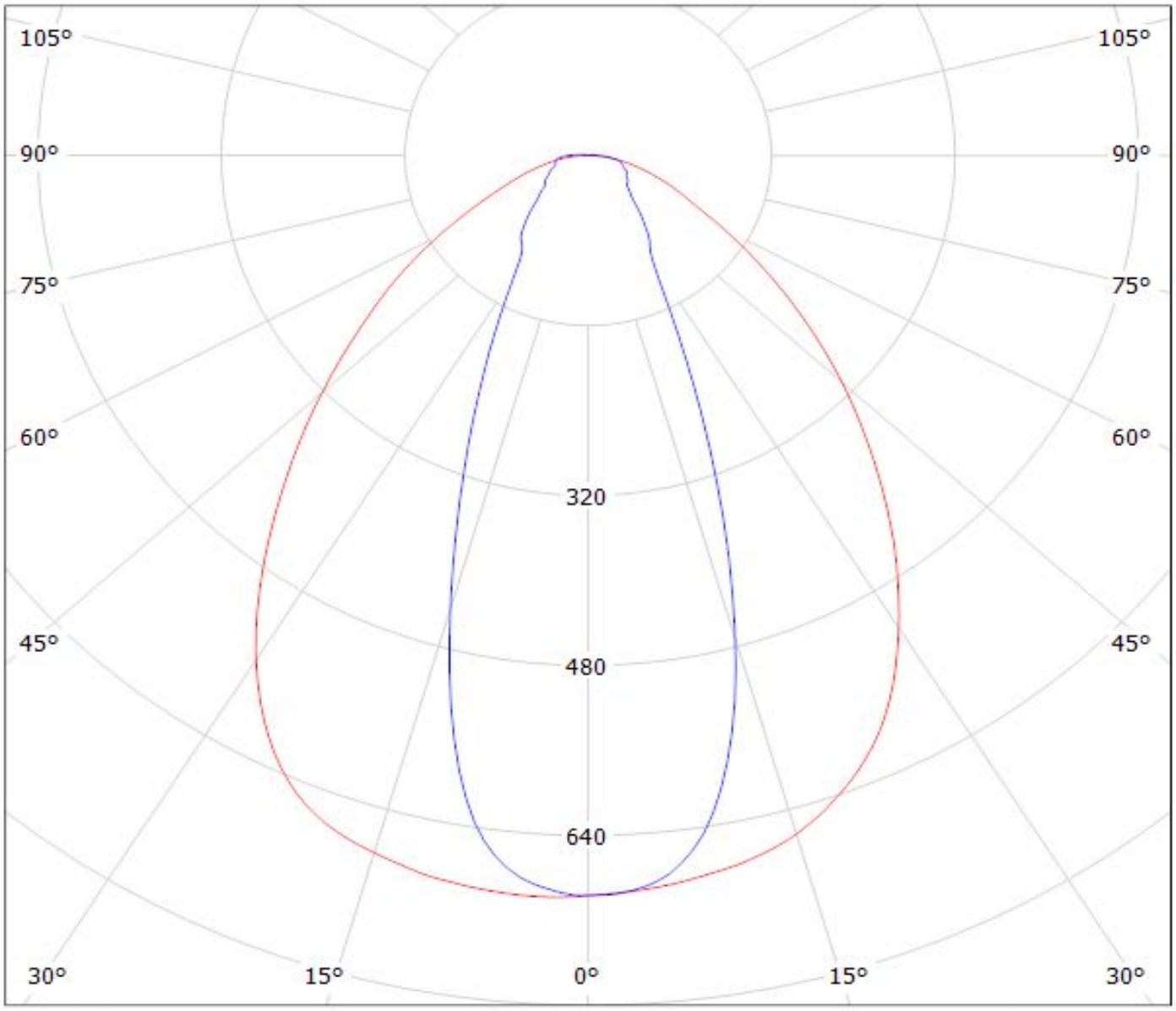


cd/klm

η = 83%

C0 - C180 C90 - C270

Luminaire: LEDiL Oy F15756_LINNEA-O _(NFSx757G)
Lamps: 1 x Nichia_NFSx757Gx12_389.068lm@65mA_P=2.23905W_U=34.391V

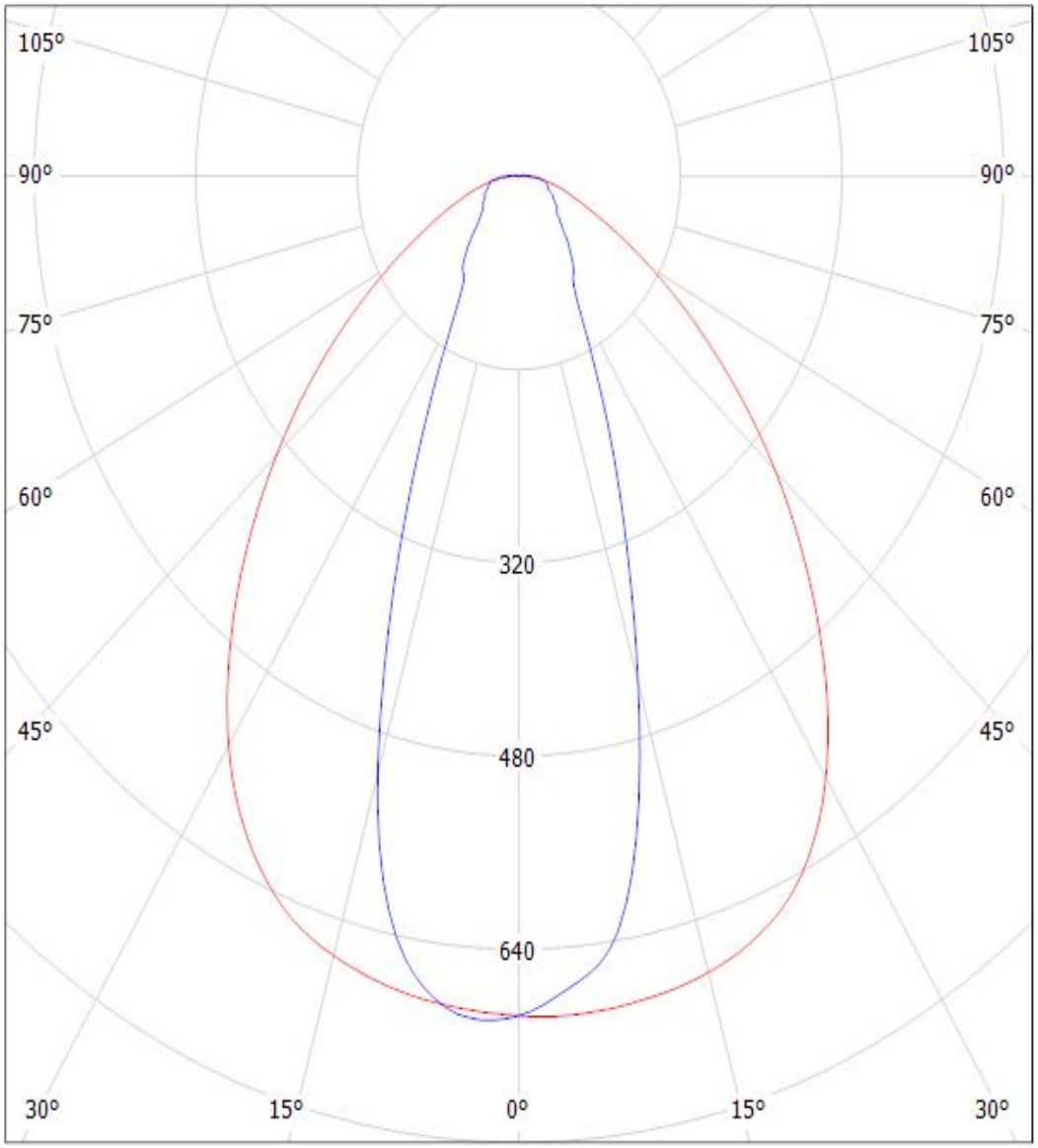


cd/klm

η = 81%

C0 - C180 C90 - C270

Luminaire: LEDiL Oy F15756_LINNEA-O_(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

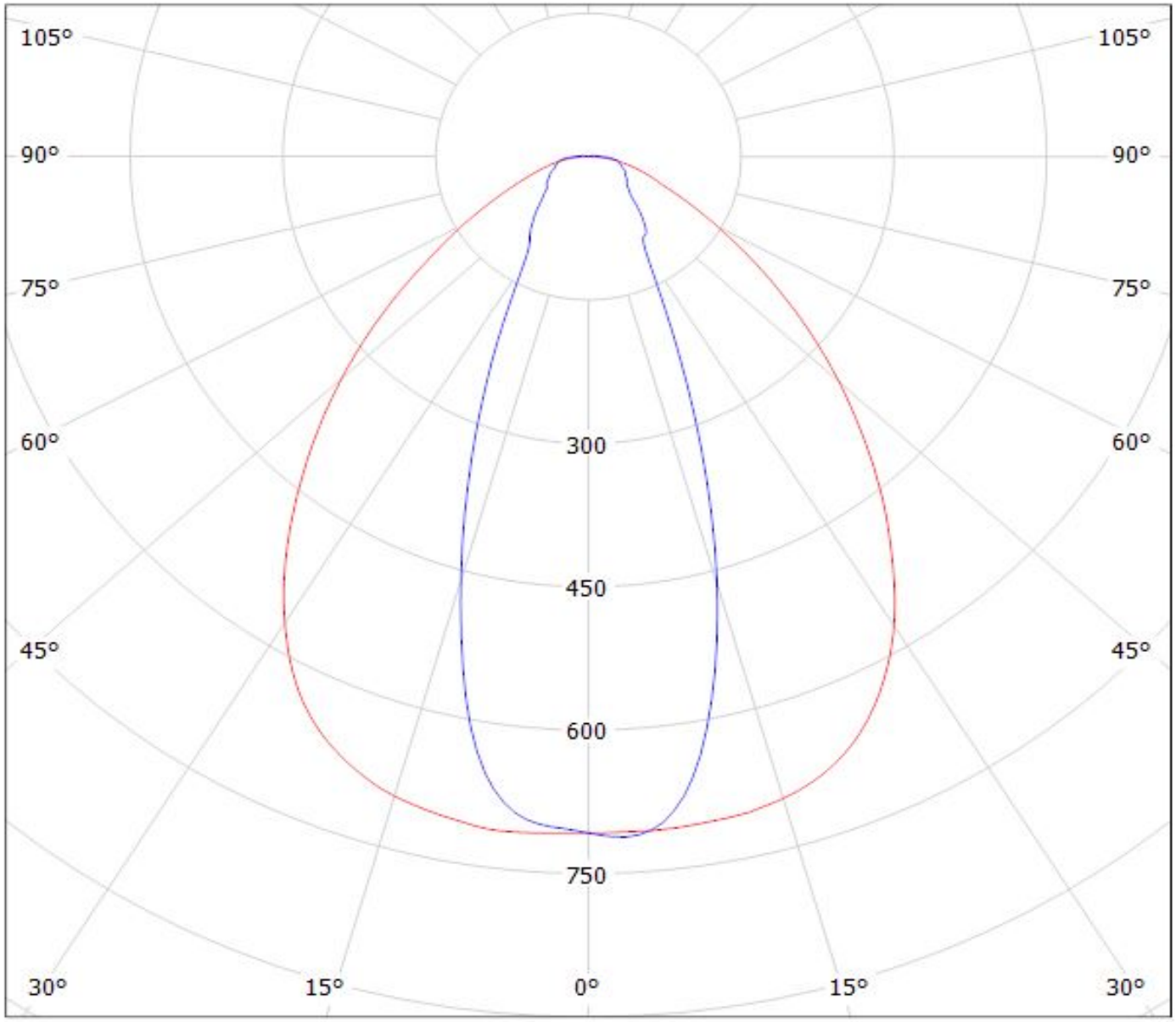


cd/klm

η = 82%

C0 - C180 C90 - C270

Luminaire: Ledil F15756_LINNEA-O_(Duris_S5)
Lamps: 1 x Osram_Duris_S5_1183.73lm@250mA_P=8.66003W_U=34.724V

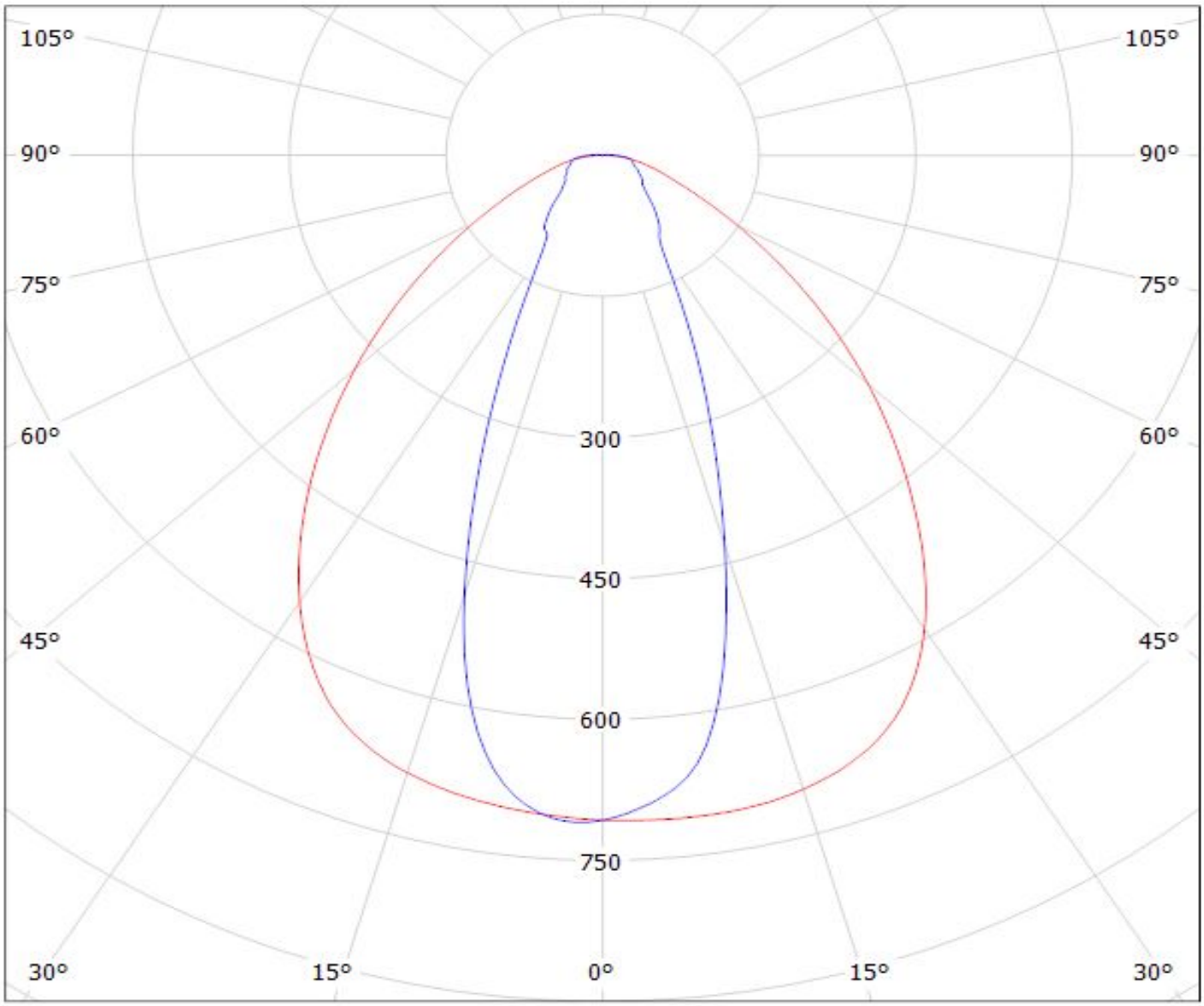


cd/klm

η = 83%

C0 - C180 C90 - C270

Luminaire: Ledil F15756_LINNEA-O_(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

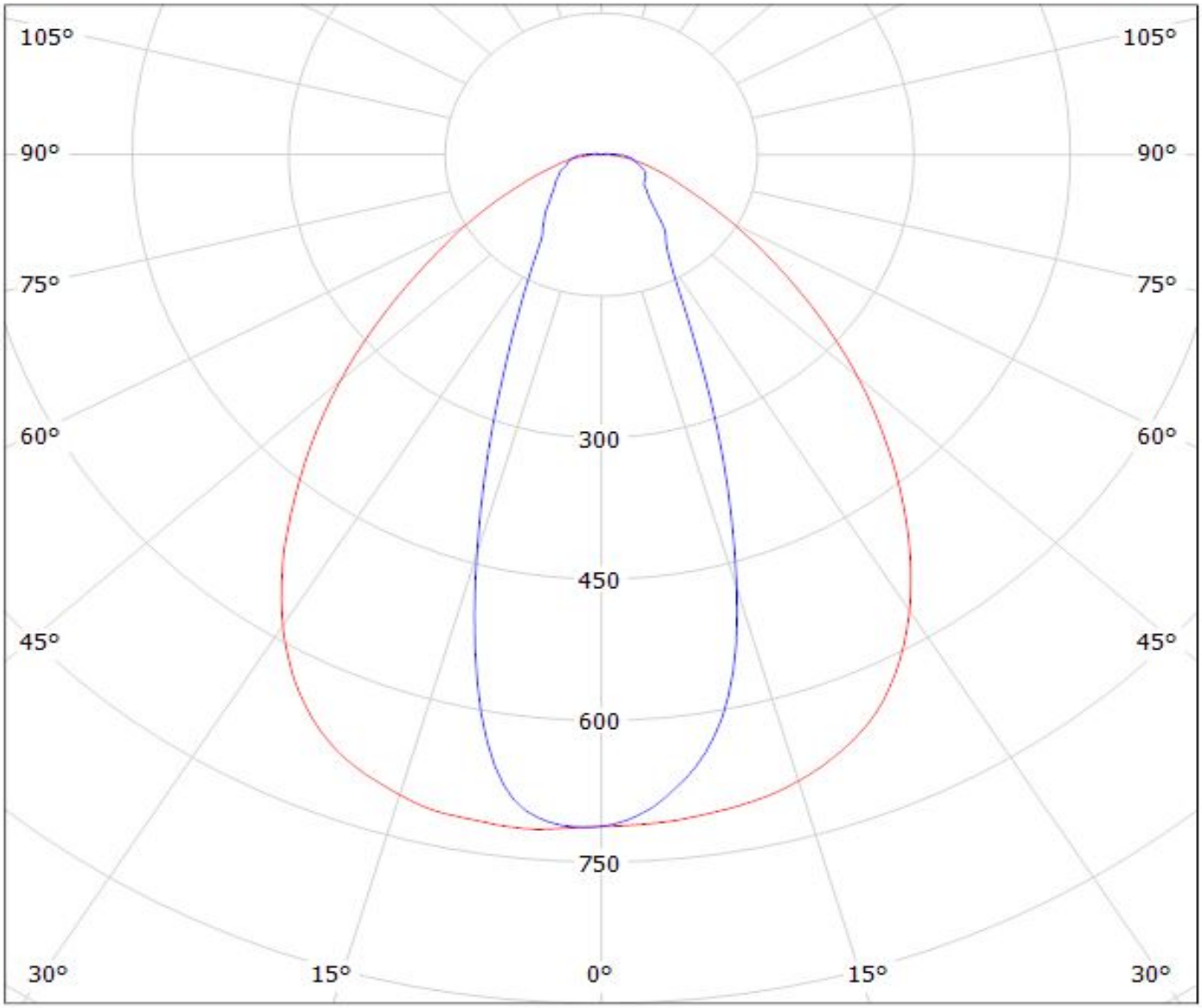


cd/klm

η = 82%

C0 - C180 C90 - C270

Luminaire: LEDiL Oy F15756_LINNEA-O _(Duris_S5_1chip)
Lamps: 1 x Osram_Duris_S5_1chip_(GWPSLM31_EM-GUHQ-A535-1)
_359.255lm@65mA_P=2.13817W_U=33.253V

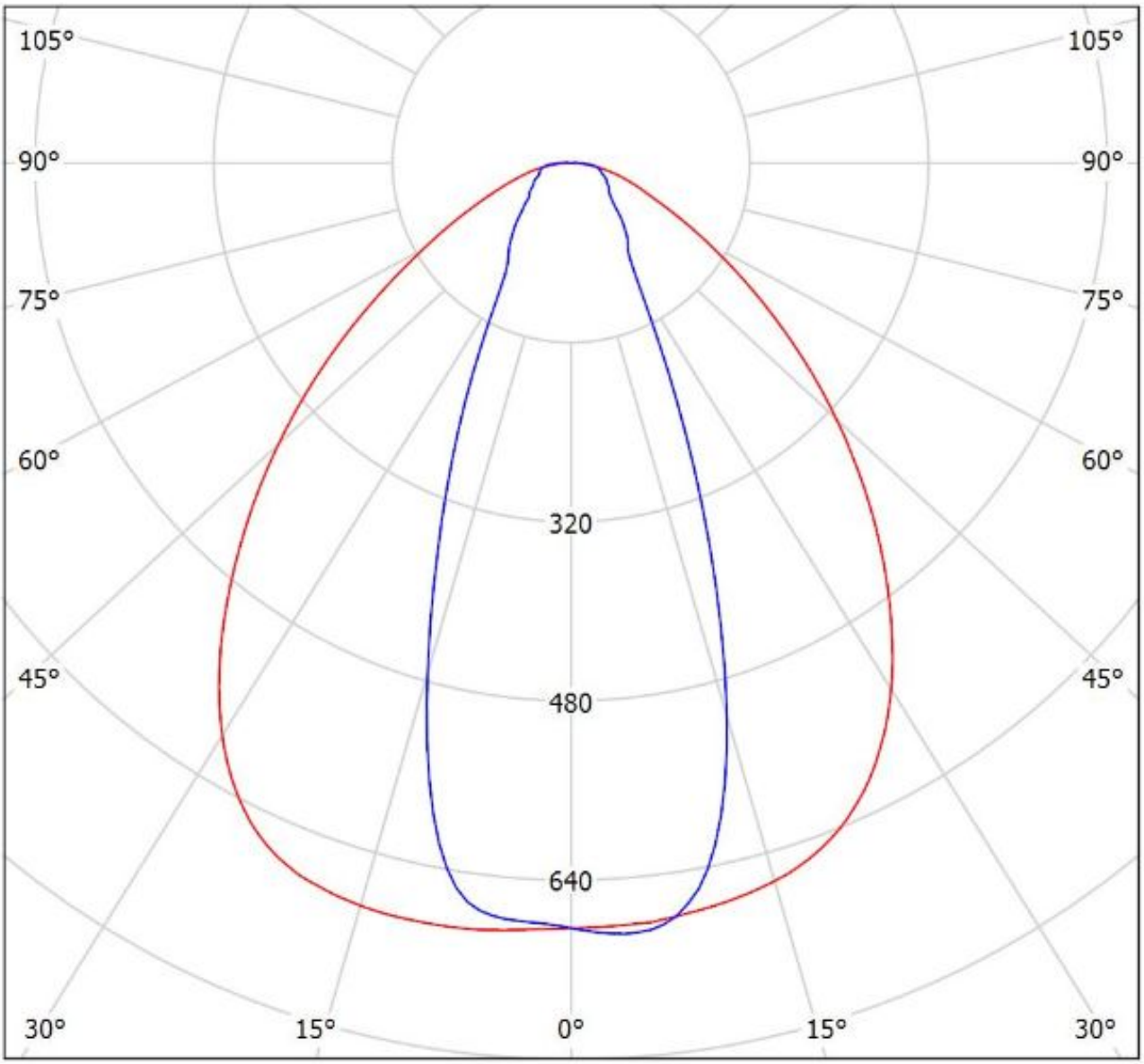


cd/klm

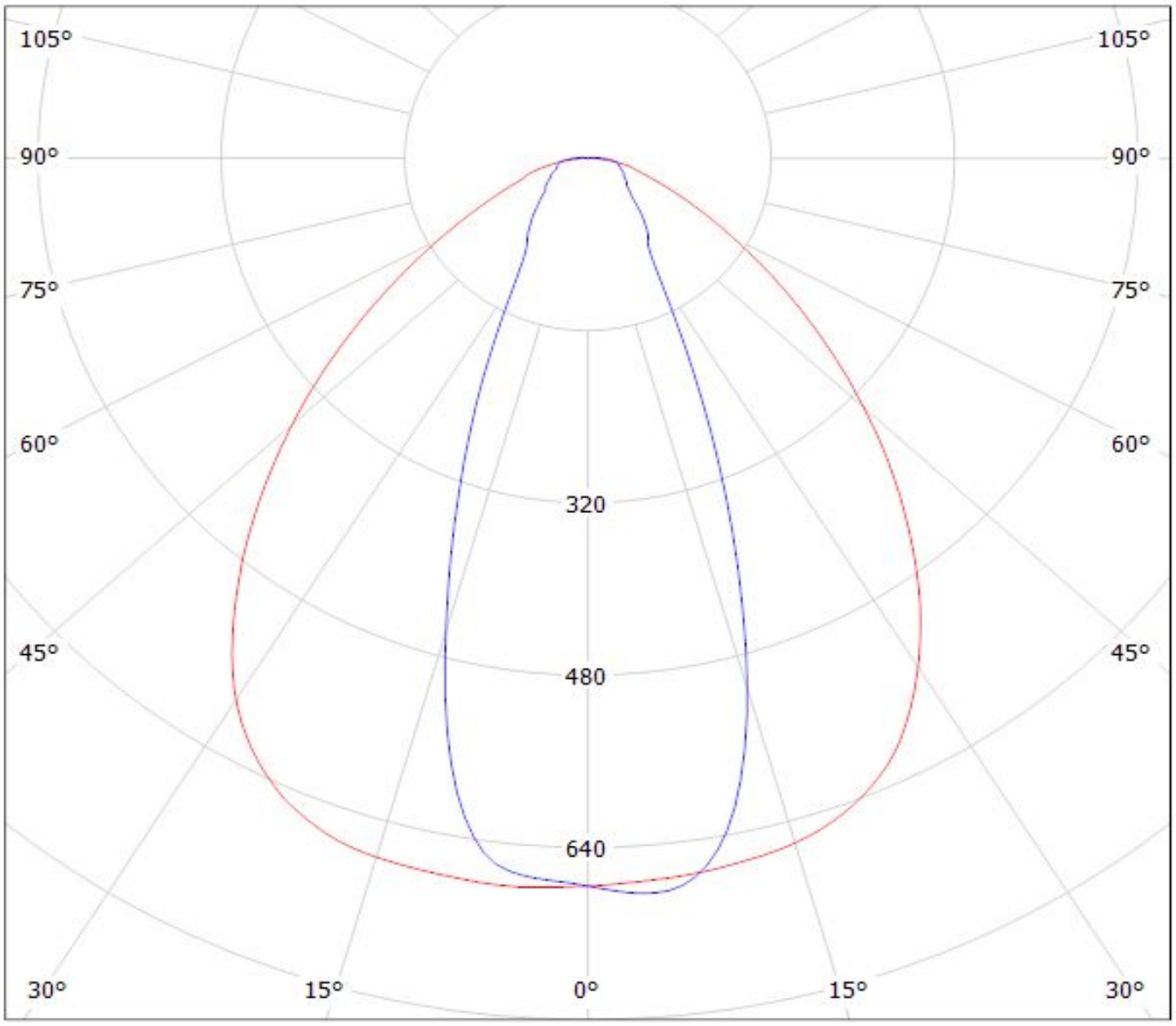
η = 85%

C0 - C180 C90 - C270

Luminaire: Ledil F15756_LINNEA-O_(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 F15756_LINNEA-O_(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

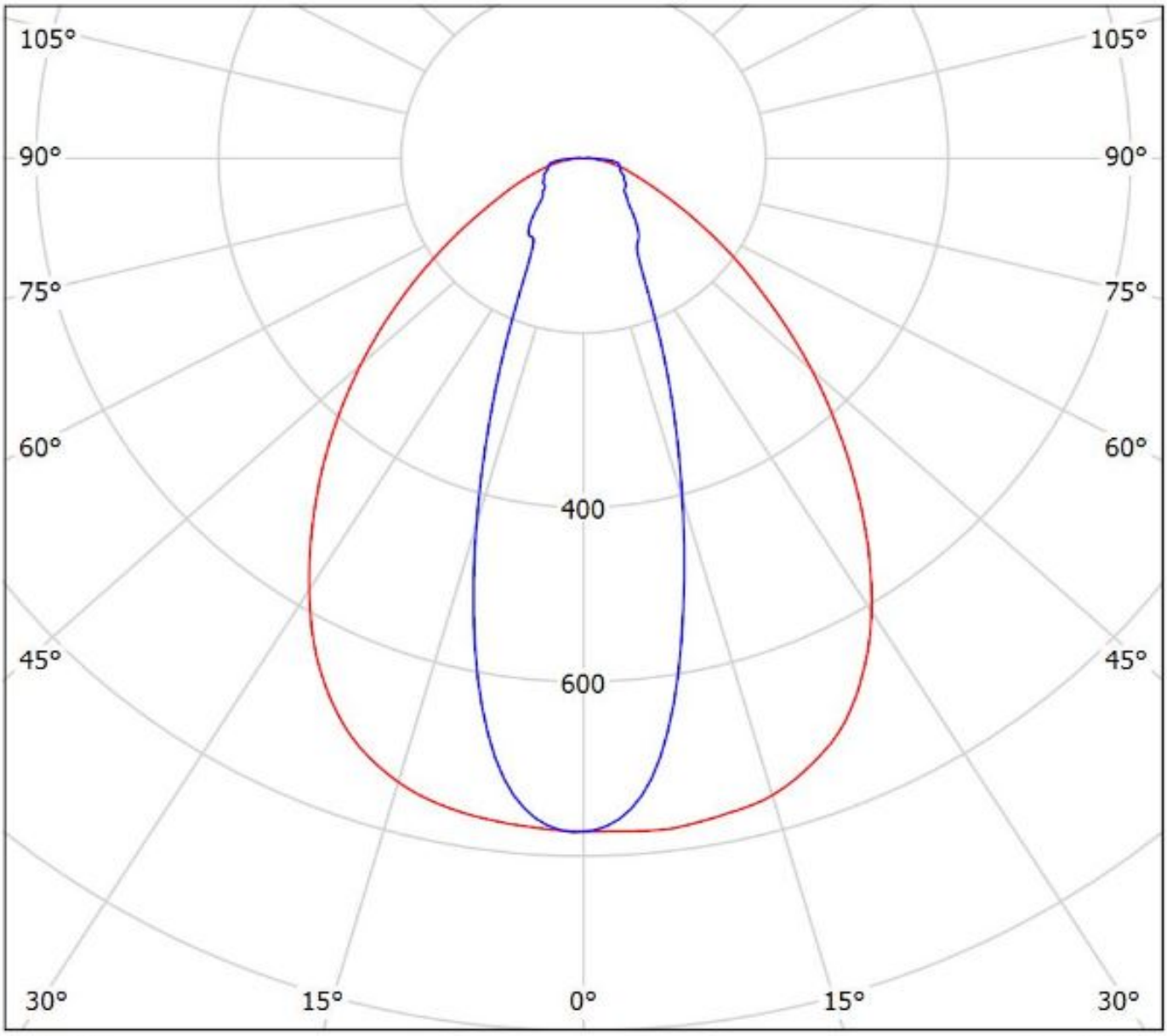


cd/klm

η = 83%

C0 - C180 C90 - C270

Luminaire: Ledil F15756_LINNEA-O_(LT-V282E)
Lamps: 1 x Samsung_LT-V282E_(LM281B)_1072.13lm@300mA_CCT=4000K_P=7.1427W_I=0.30A

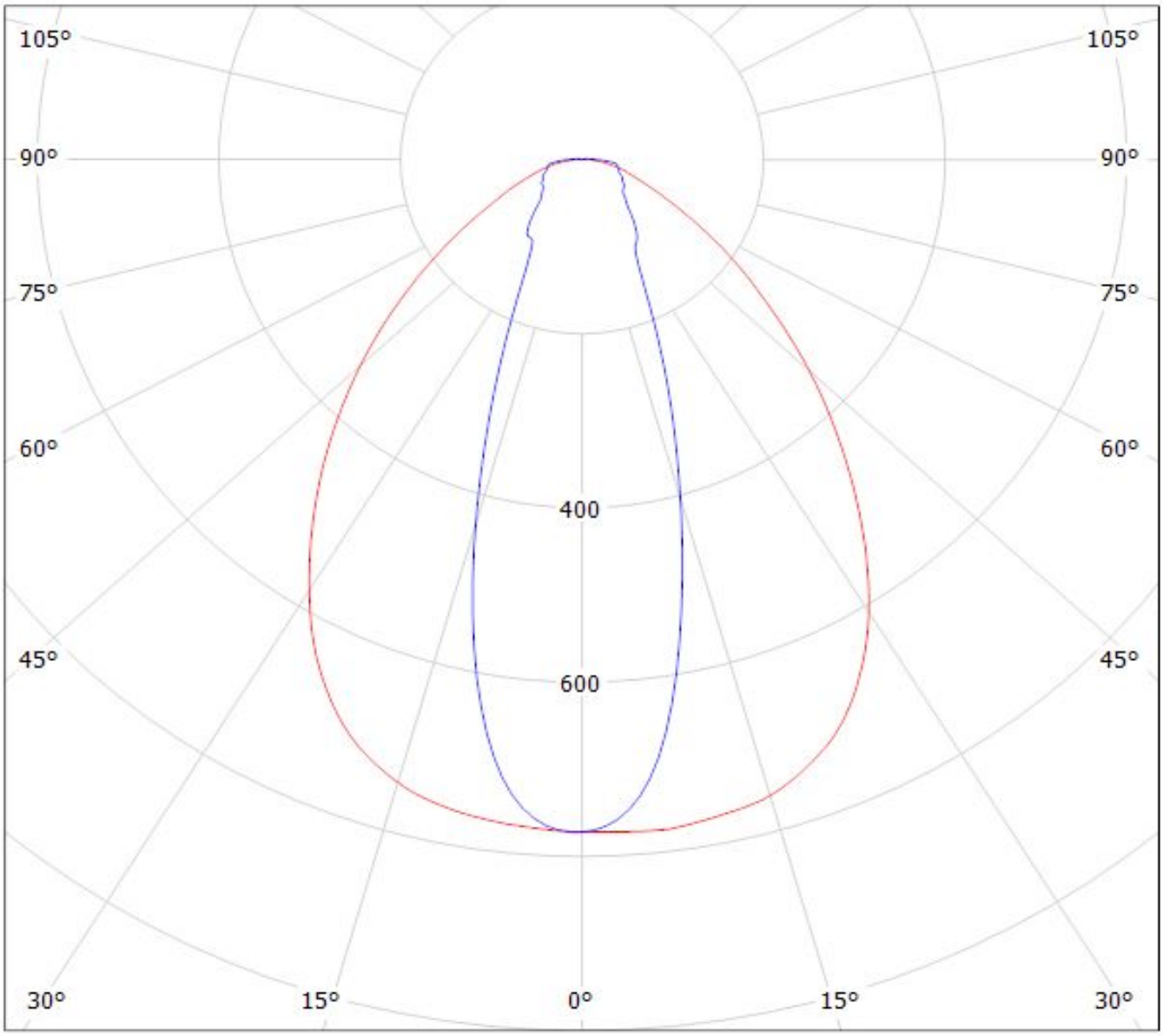


cd/klm

η = 83%

C0 - C180 C90 - C270

Luminaire: Ledil F15756_LINNEA-O_(LT-V562E)
Lamps: 1 x Samsung_LT-V562E_(LM281B)_2144.6lm@300mA_CCT=4000K_P=14.2854W_I=0.30A

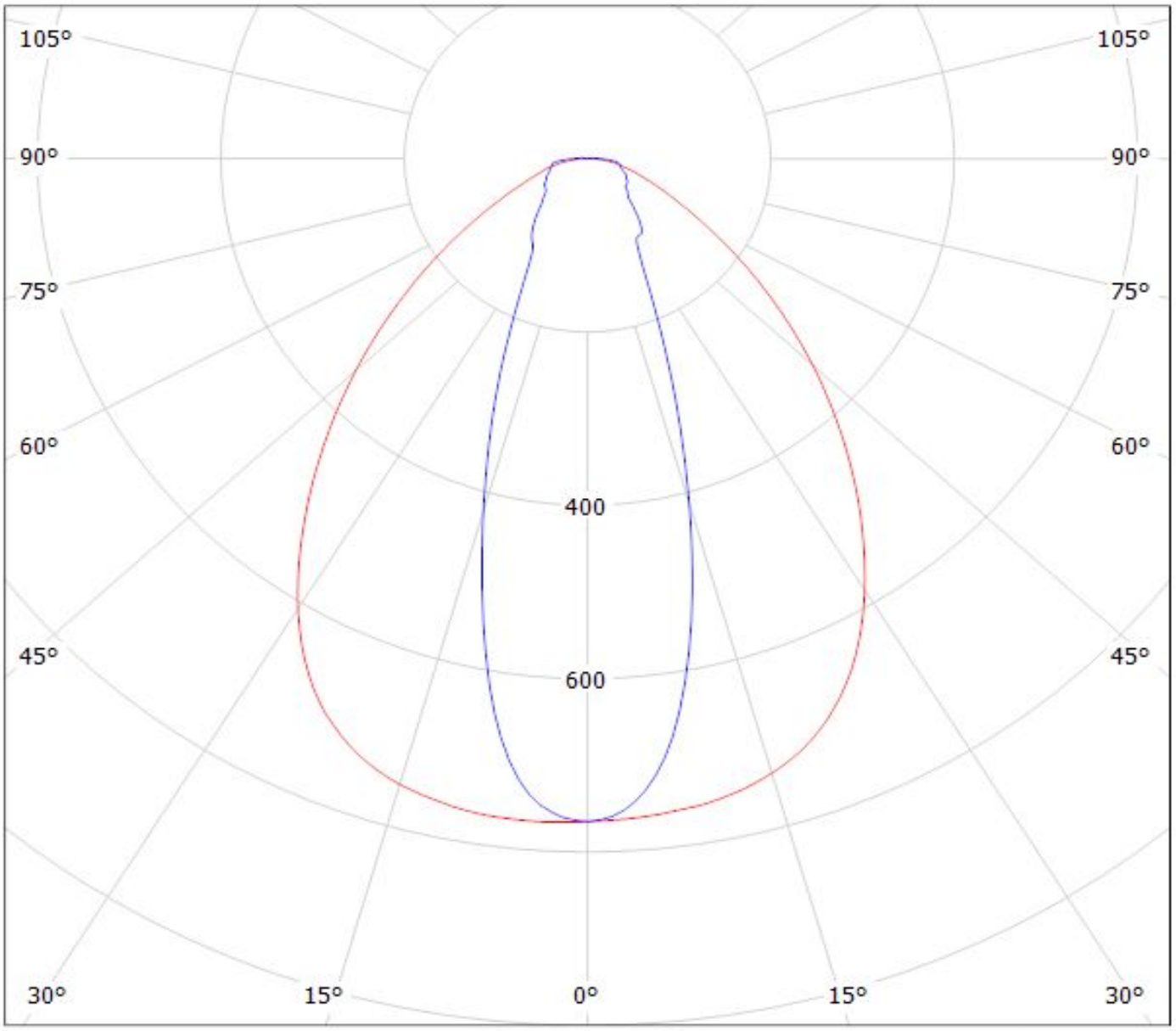


cd/klm

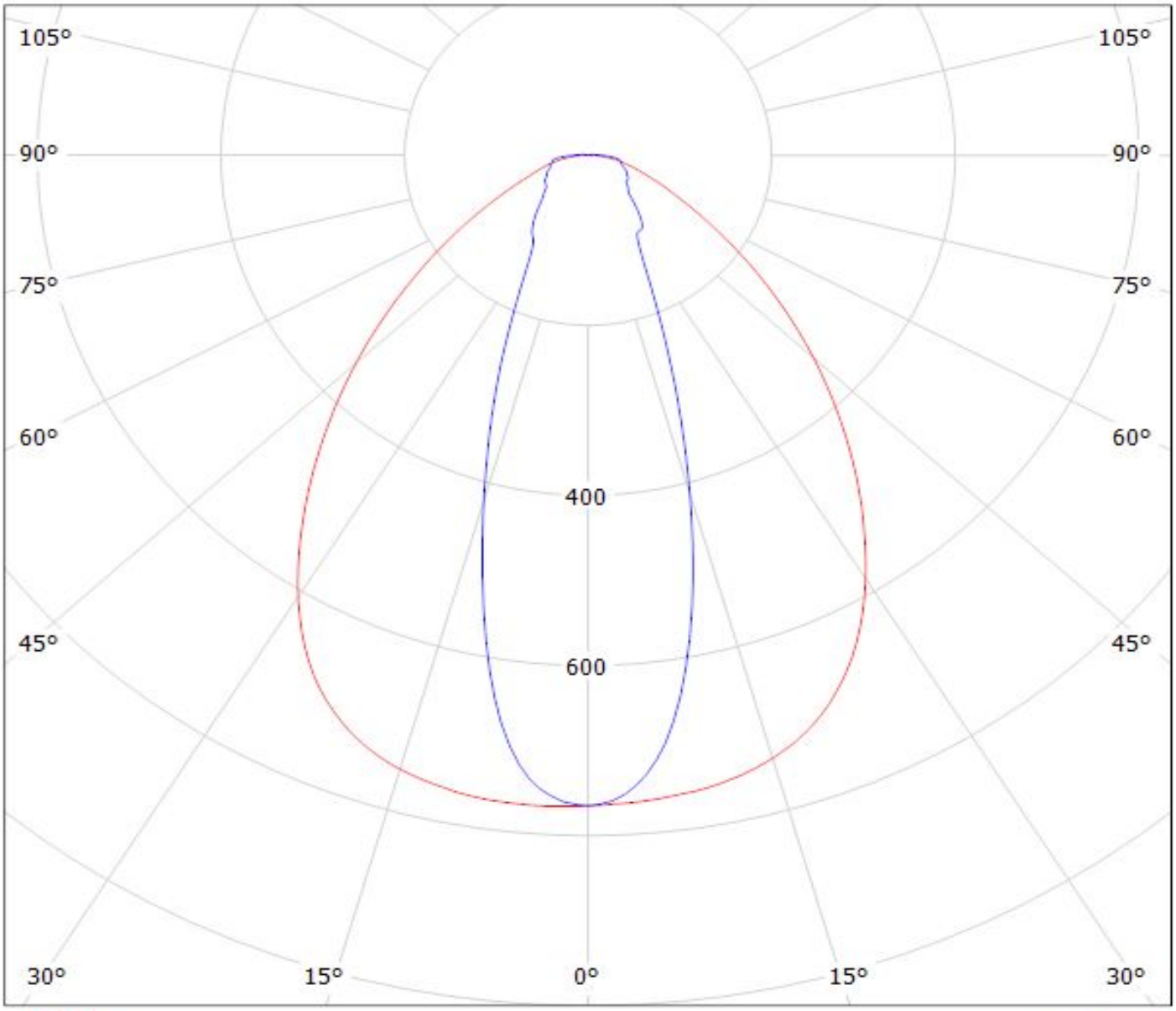
η = 83%

C0 - C180 C90 - C270

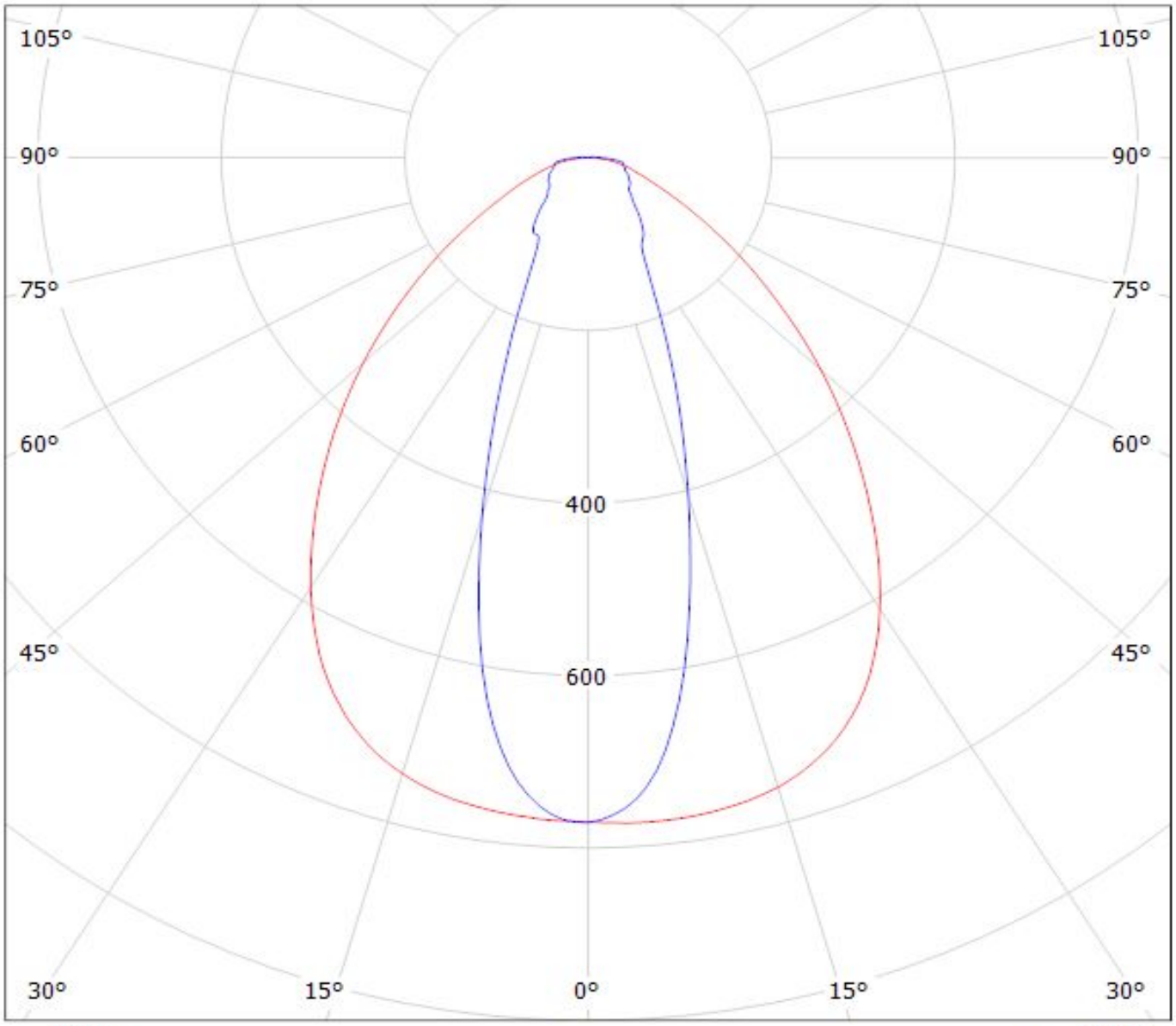
Luminaire: Ledil F15756_LINNEA-O_(LT-H282C)
Lamps: 1 x Samsung_LT-H282C_(LM561C)_997.05lm@240mA_CCT=4000K_P=5.43445W_I=0.240A



Luminaire: Ledil F15756_LINNEA-O_(LT-H562C)
Lamps: 1 x Samsung_LT-H562C_(LM561C)_1994.1lm@240mA_CCT=4000K_P=10.8689W_I=0.240A



Luminaire: Ledil F15756_LINNEA-O_(LT-S282H)
Lamps: 1 x Samsung_LT-S282H_(LM561B+)_1143.31lm@300mA_P=7.2W_I=0.30A

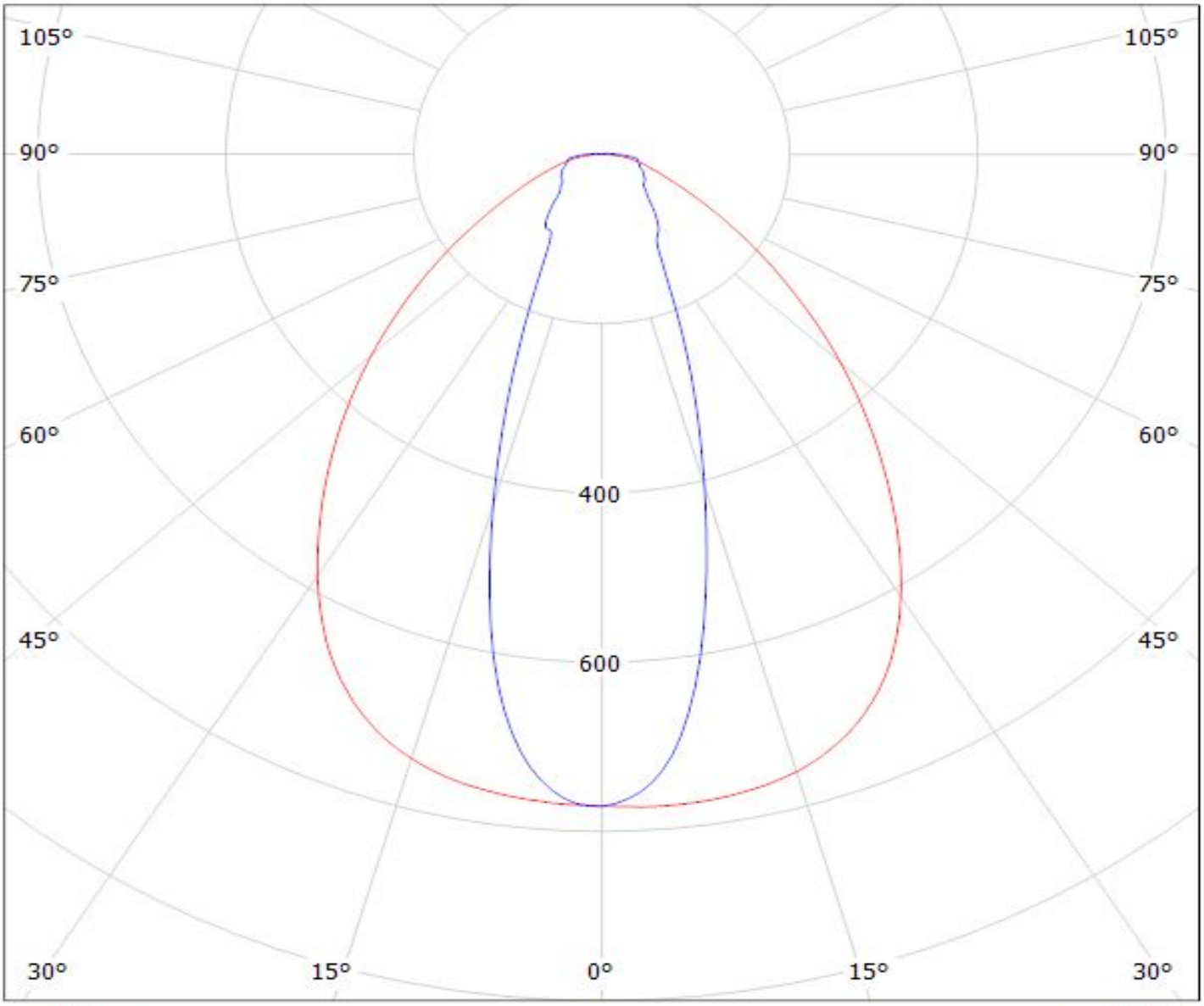


cd/klm

η = 83%

C0 - C180 C90 - C270

Luminaire: Ledil F15756_LINNEA-O_(LT-S562H)
Lamps: 1 x Samsung_LT-S562H_(LM561B+)_2286.62lm@300mA_P=14.4W_I=0.30A

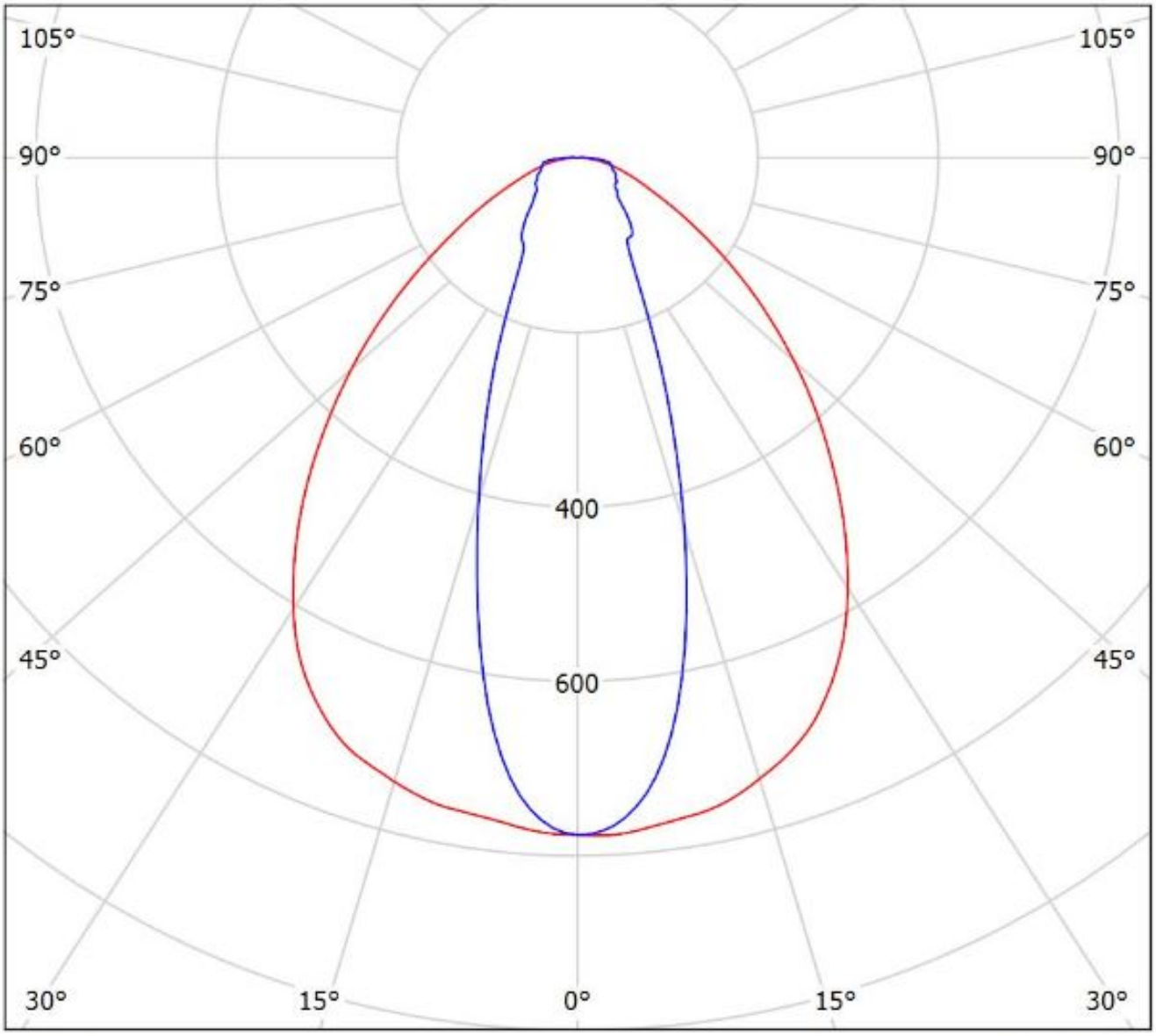


cd/klm

η = 83%

C0 - C180 C90 - C270

Luminaire: Ledil F15756_LINNEA-O_(LT-Q282B)
Lamps: 1 x Samsung_LT-Q282B_(LM301B_SI-B8T053280EU)_943.526lm@180mA_P=4.99618W_U=27.805V

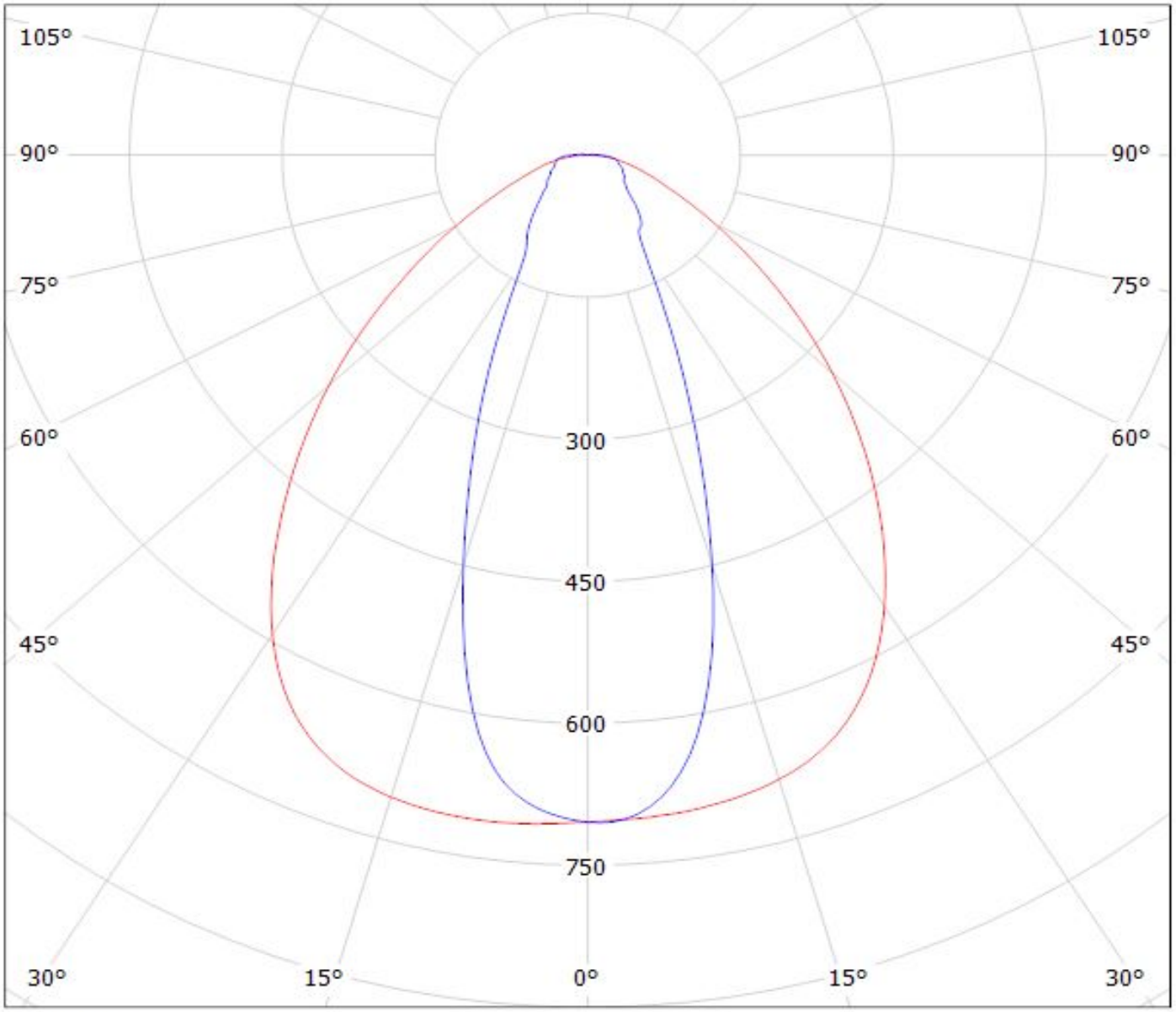


cd/klm

η = 83%

C0 - C180 C90 - C270

Luminaire: LEDiL Oy F15756_LINNEA-O_(Seoul_semi_5630D)
Lamps: 1 x Seoul_Semi_5630D_932.657lm@250mA_P=5.68145W_I=0.250A

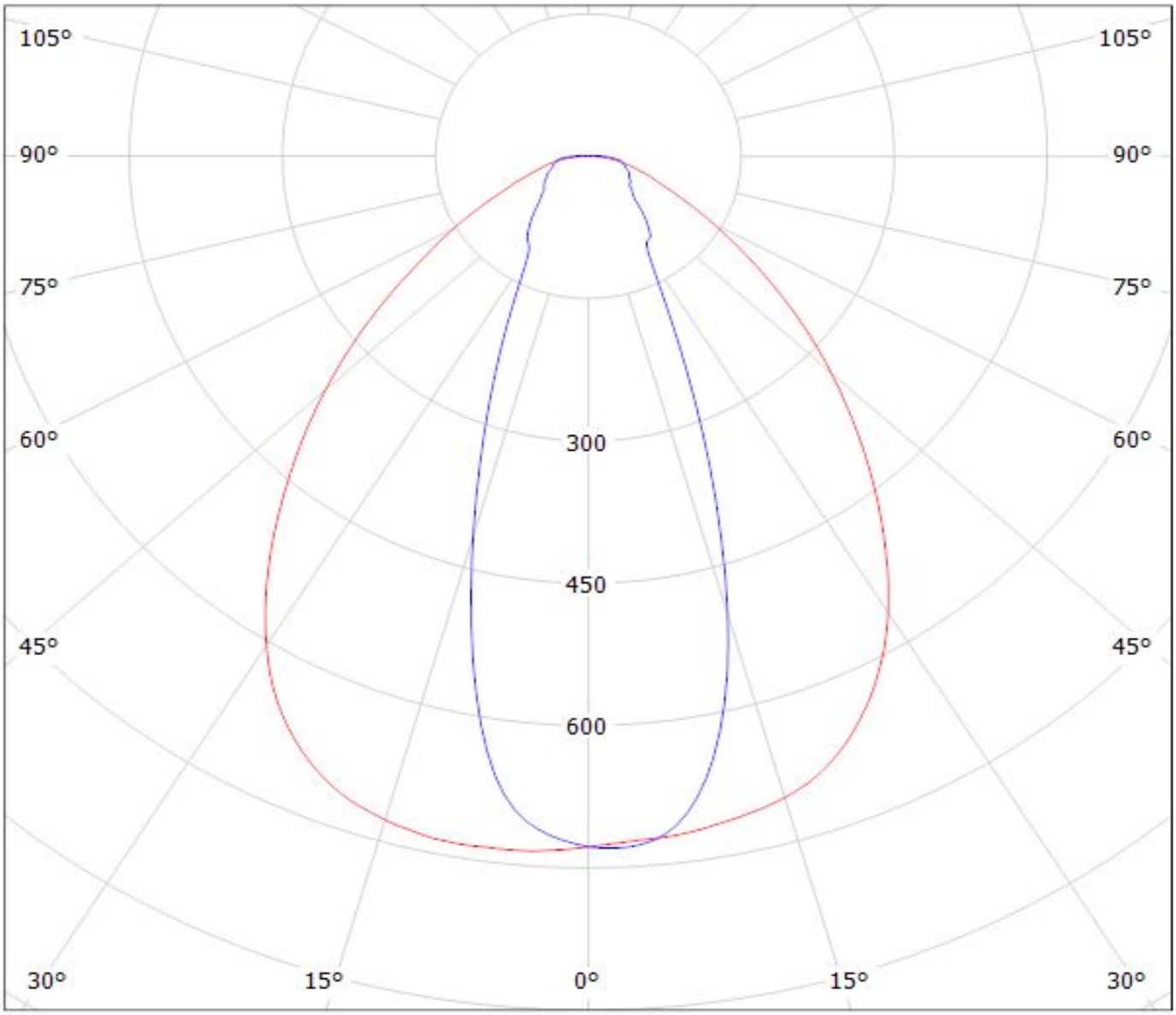


cd/klm

η = 82%

C0 - C180 C90 - C270

Luminaire: Ledil F15756_LINNEA-O_(SunLike_3030)
Lamps: 1 x SEOUL_SunLike_3030_(STW9C2PB-S)_2_240.649lm@0.65mA_P=2.30531W_U=35.538V

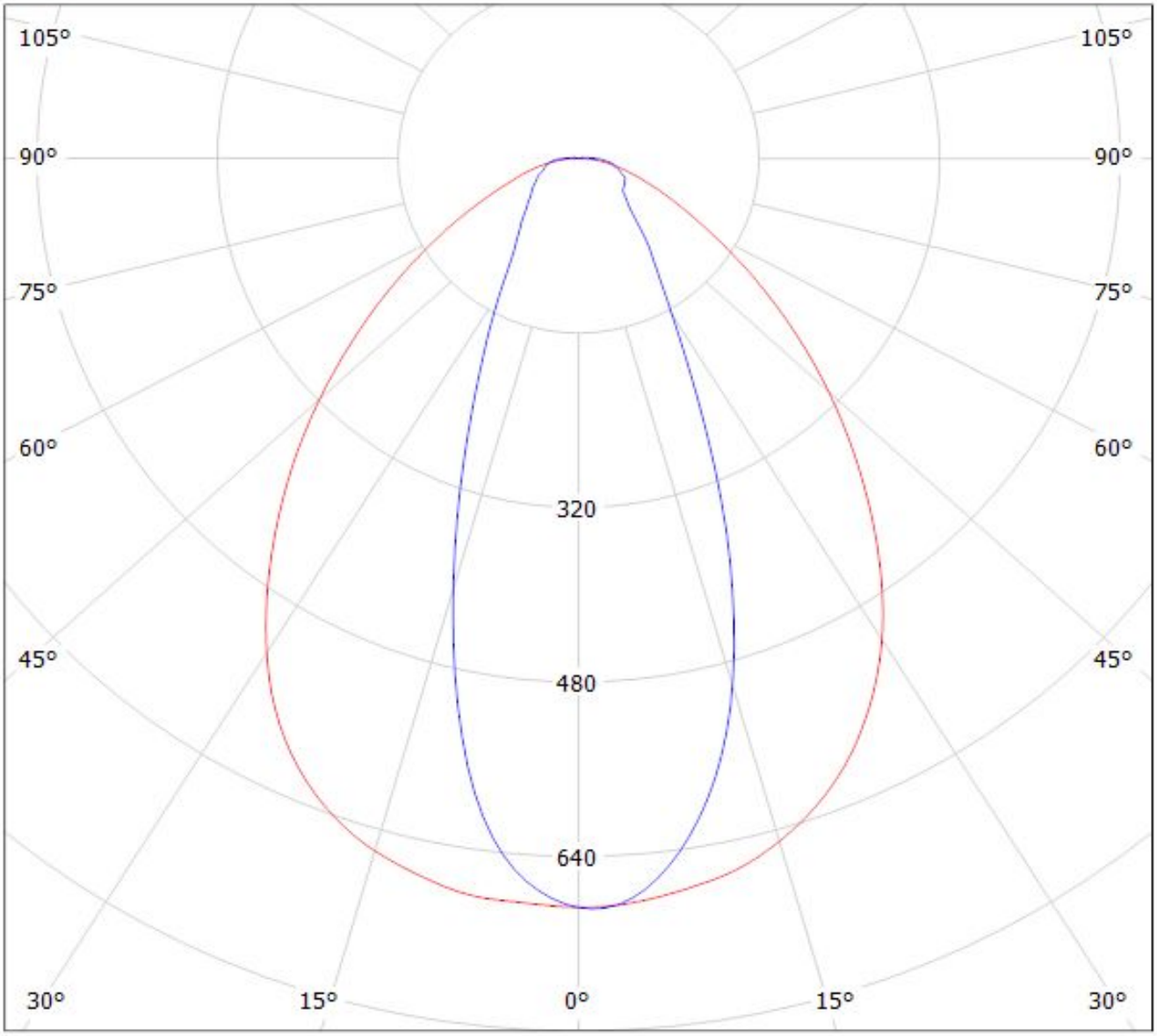


cd/klm

η = 84%

C0 - C180 C90 - C270

Luminaire: LEDiL Oy F15756_LINNEA-O_(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

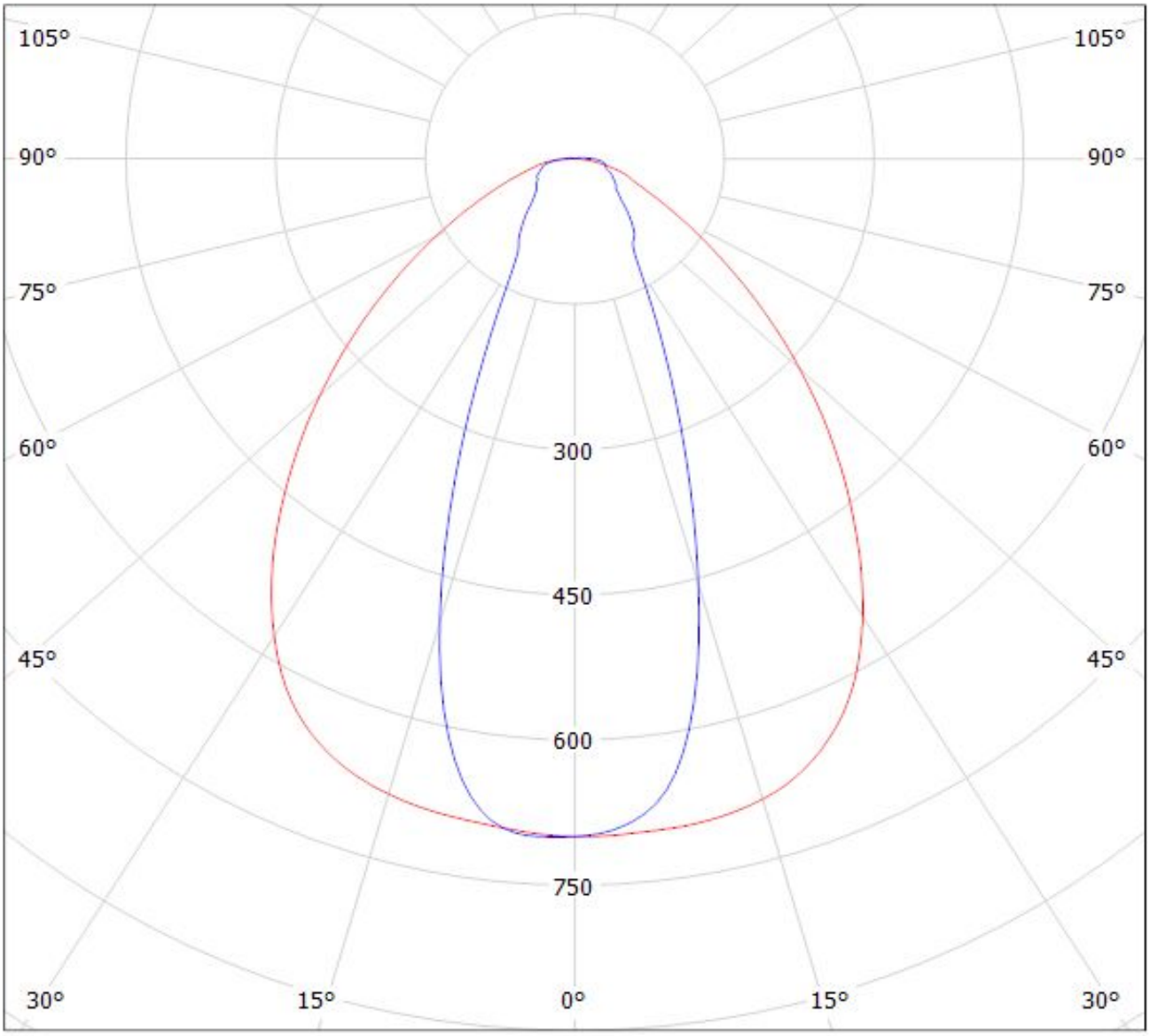


cd/klm

η = 83%

C0 - C180 C90 - C270

Luminaire: LEDiL Oy F15756_LINNEA-O_(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

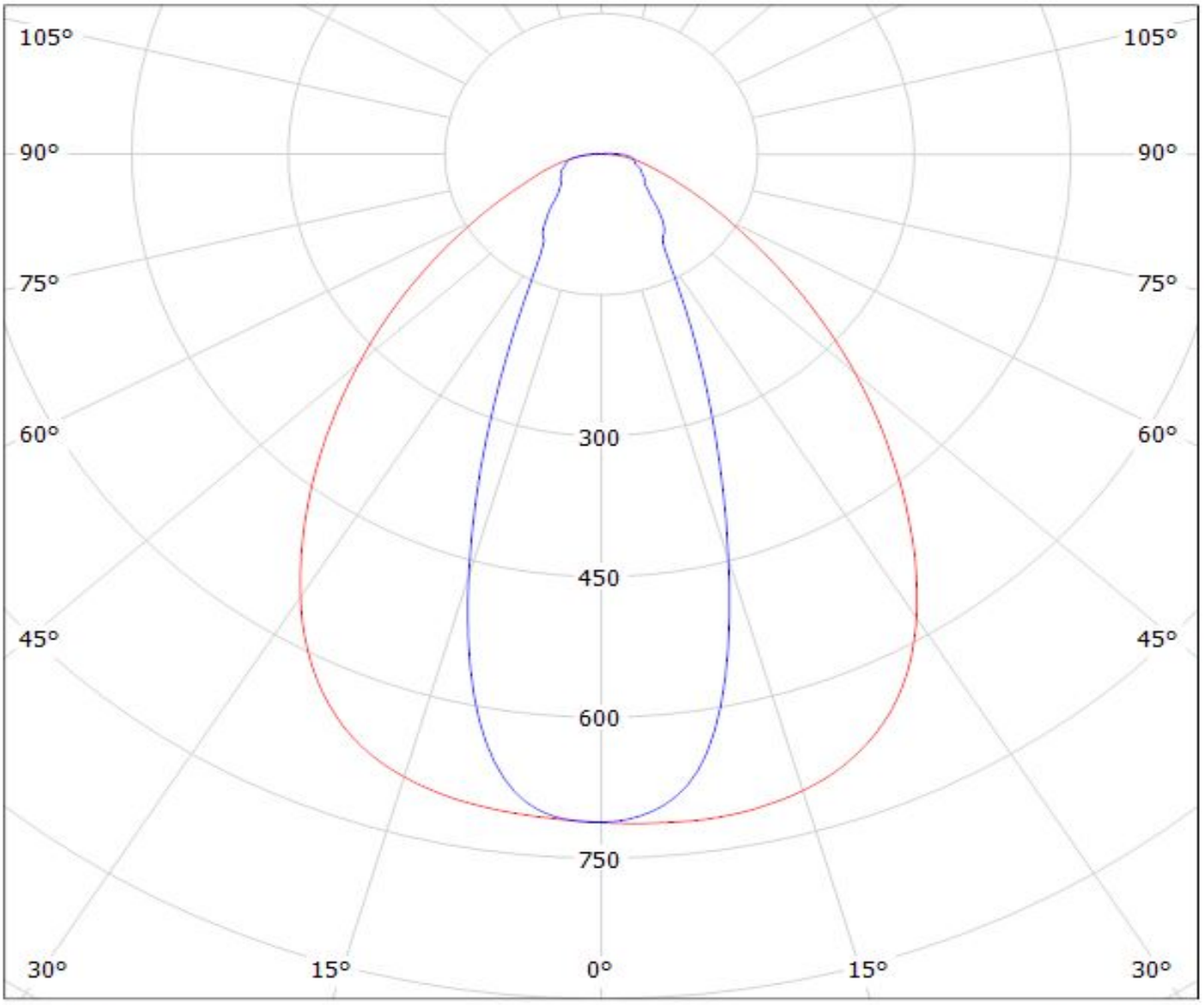


cd/klm

η = 84%

C0 - C180 C90 - C270

Luminaire: Ledil F15756_LINNEA-O_(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

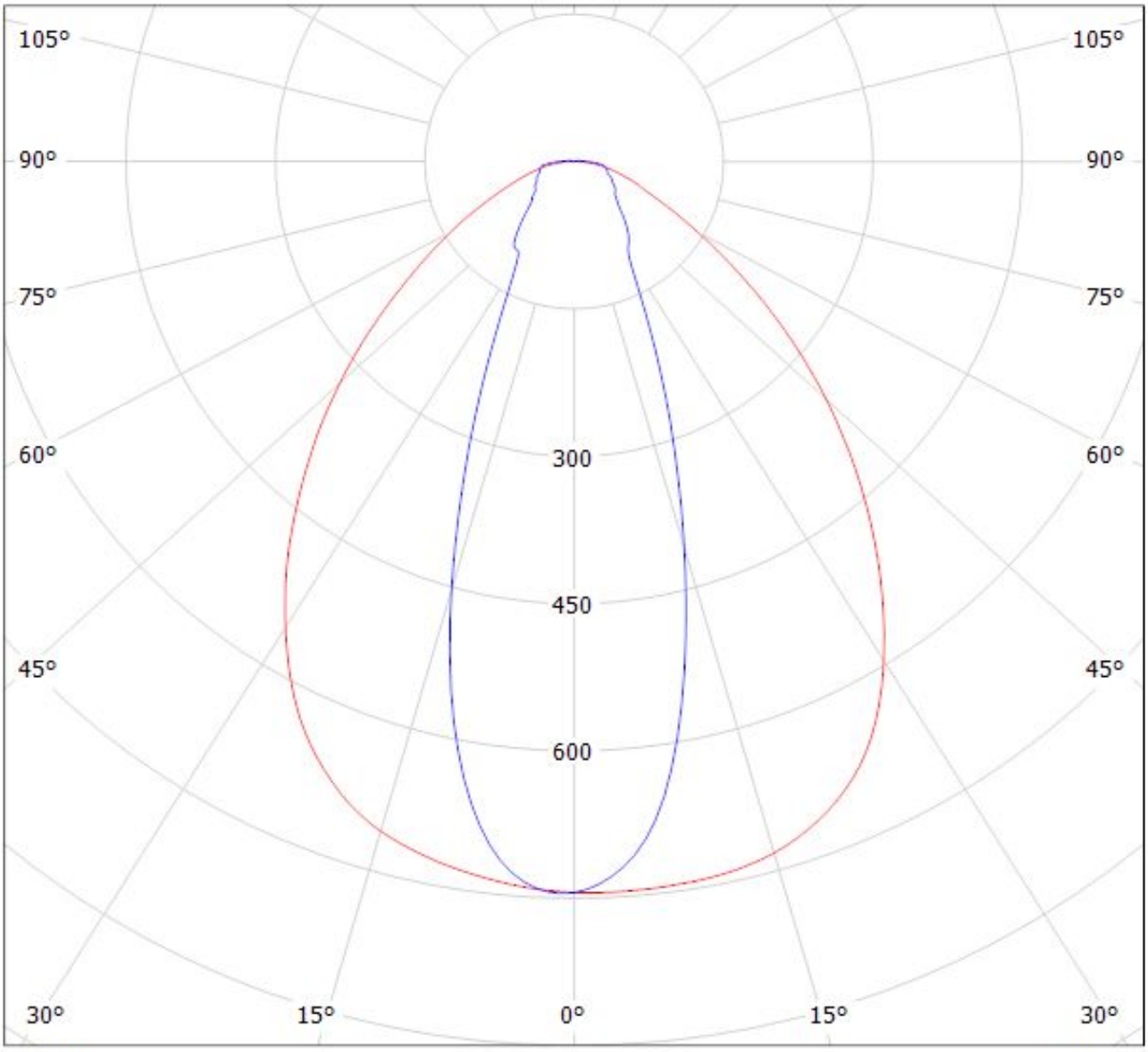


cd/klm

η = 83%

C0 - C180 C90 - C270

Luminaire: LEDiL Oy F15756_LINNEA-O_(CALOSNU405-M7W1)
Lamps: 1 x ARRANT_LIGHT_CALOSNU405-M7W1_494.124lm@250mA_CCT=4000K_P=2.74955W_U=11.007V

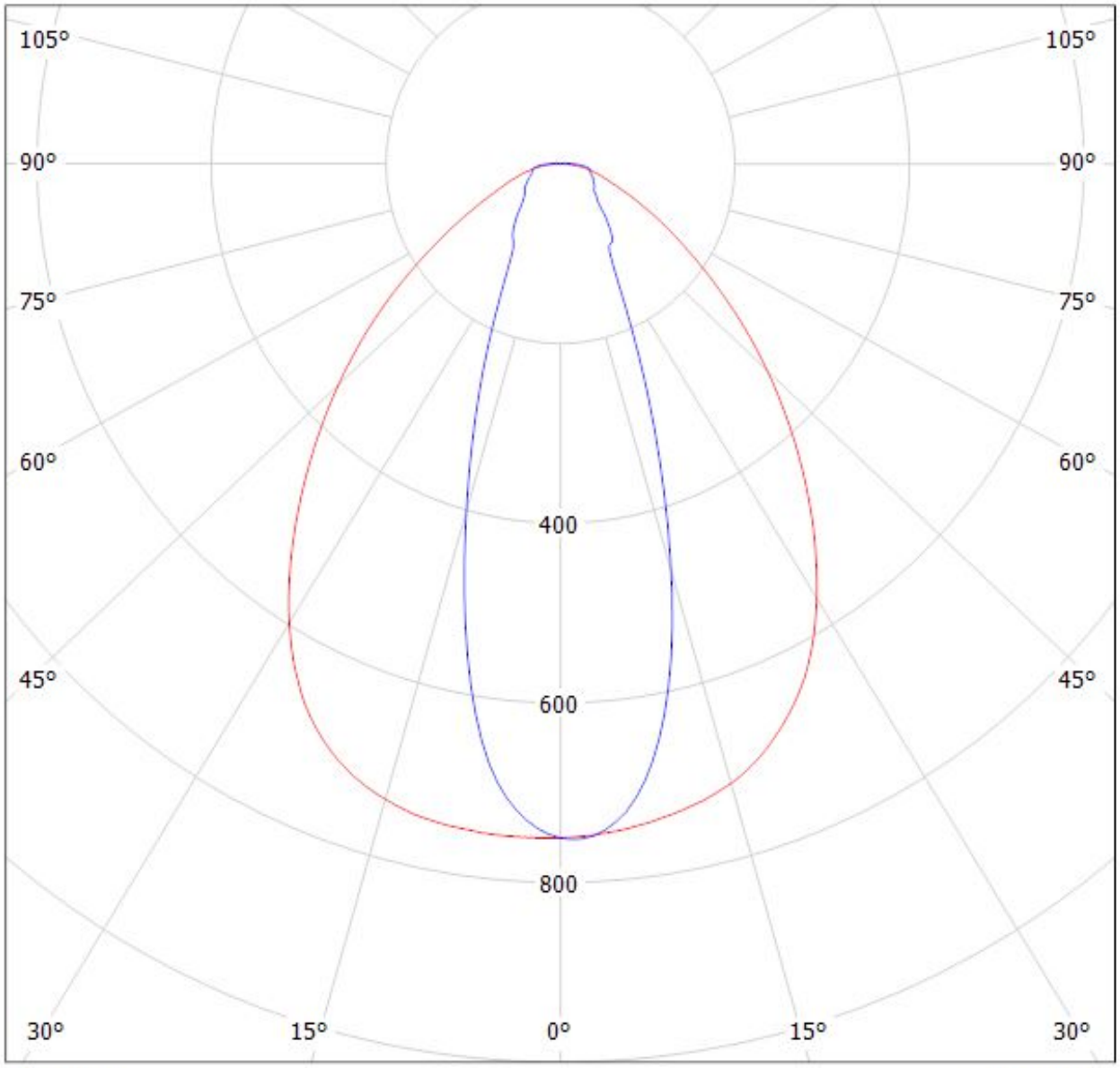


cd/klm

η = 82%

C0 - C180 C90 - C270

Luminaire: Ledil F15756_LINNEA-O_(CALOSNU410-M7W1)
Lamps: 1 x ARRANT_LIGHT_CALOSNU410-M7W1_499.378lm@250mA_CCT=4000K_P=2.70242W_U=10.814V



cd/klm

η = 82%

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.