

DETAILS

Product Number	F15524_LINNEA-60
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	5/10/2017



OPTICAL PROPERTIES

LED	Viewing Angle	Light Beam	Efficiency	cd/lm	Connector
Tridino 1ft 1100lm xxxHE 1R HV	96+58 deg		86 %	0.580	-
XP-E	96+54 deg		83 %	0.590	-
NF2x757G	sim: 59+90		sim: 85 %	sim: 0.630	-
NFSx757G	96+59 deg		83 %	0.560	-
PrevaLED Linear Slim 3 (1100lm)	97+59 deg		84 %	0.550	-
Duris S5 (2 chip)	95+57 deg		85 %	0.580	-
PrevaLED Linear Slim 3 (2000lm)	96+58 deg		84 %	0.570	-
Duris S5 (Single chip)	96+57 deg		86 %	0.590	-
Fortimo LED Strip 1ft 1100lm FC HV4 & L	96+59 deg		85 %	0.580	-
Fortimo LED Strip 1ft 650lm FC HV4 & L	96+59 deg		84 %	0.570	-
LM561B Plus	96+59 deg		85 %	0.560	-
LT-V282E	96+54 deg		86 %	0.610	-
LT-V562E	96+54 deg		86 %	0.610	-
LT-H282C	96+55 deg		85 %	0.600	-
LT-H562C	96+55 deg		85 %	0.600	-
LT-S282H	96+54 deg		85 %	0.600	-
LT-S562H	96+54 deg		85 %	0.600	-
LT-Q282B	95+54 deg		85 %	0.610	-
SEOUL 5630D	73 deg		84 %	0.560	-
SunLike 3030	96+57 deg		86 %	0.600	-
LLE G4 24x280mm 650lm	95+59 deg		85 %	0.570	-
LLE G4 24x280mm 1250lm	96+58 deg		85 %	0.570	-
CALOSNU405-M7W1	96+55 deg		84 %	0.590	-
CALOSNU410-M7W1	95+55 deg		84 %	0.600	-

H G F E D C B A

4

4

3

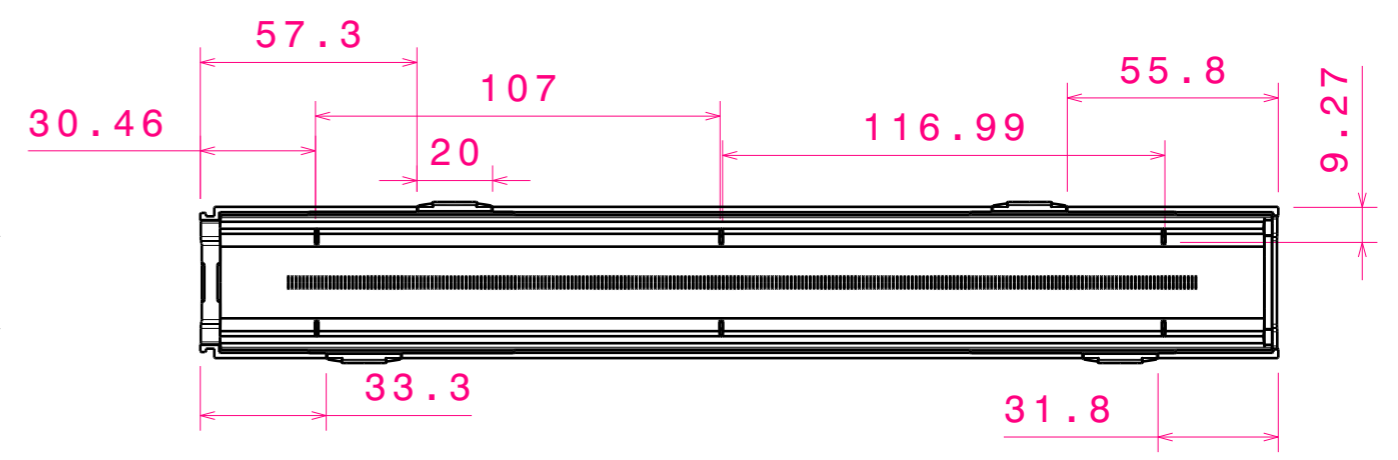
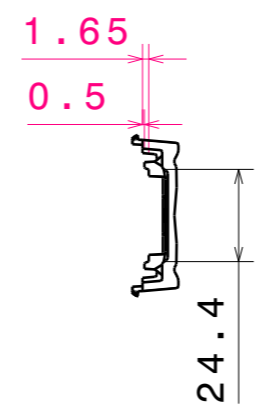
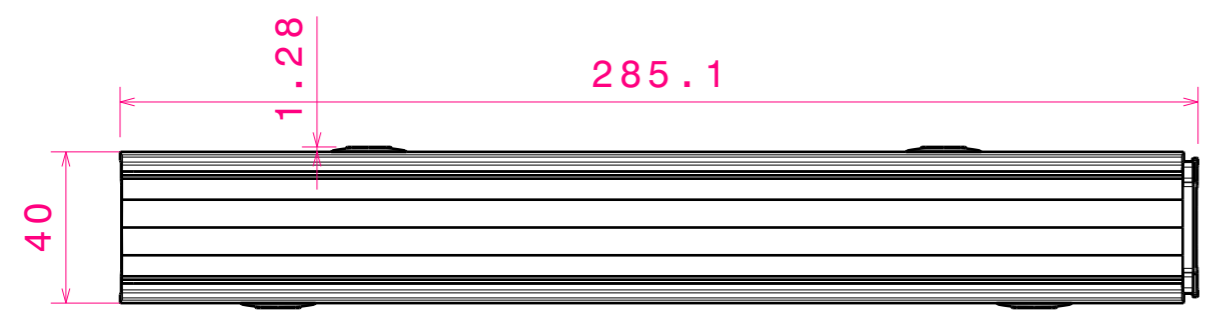
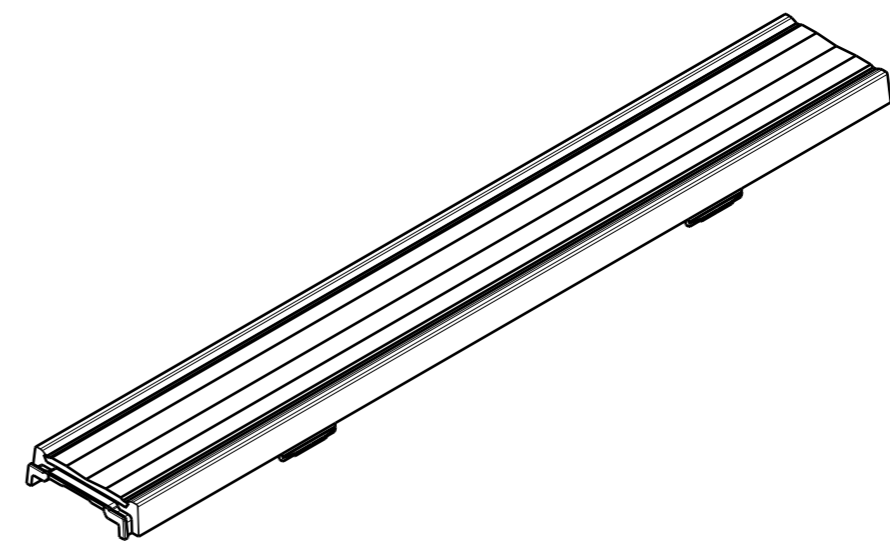
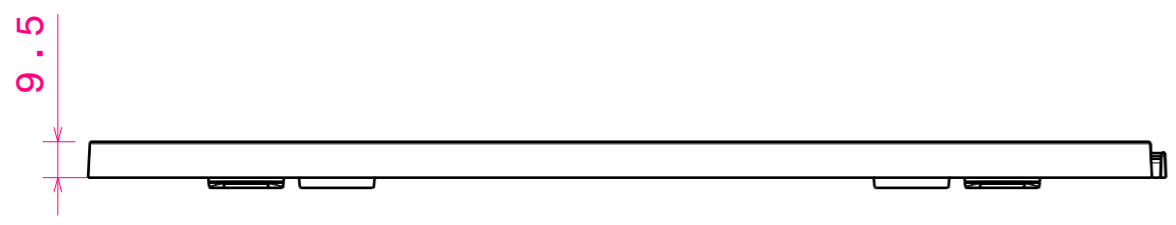
3

2

2

1

1



INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	F15524	LINNEA-60		

Tolerances if not otherwise shown
 According to DIN ISO 2768-1
 Linear measures:
 Up to 30mm class F_M, otherwise see class MC.
 According to DIN ISO 2768-2
 Form and position: class K
 Control for SPC marked dimensions.

LEDiL LediL Oy
 Salorankatu 10
 FIN 24240 SALO
 Finland

THIRD ANGLE PROJECTION:

DRAWING TITLE
F15524_LINNEA-60

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

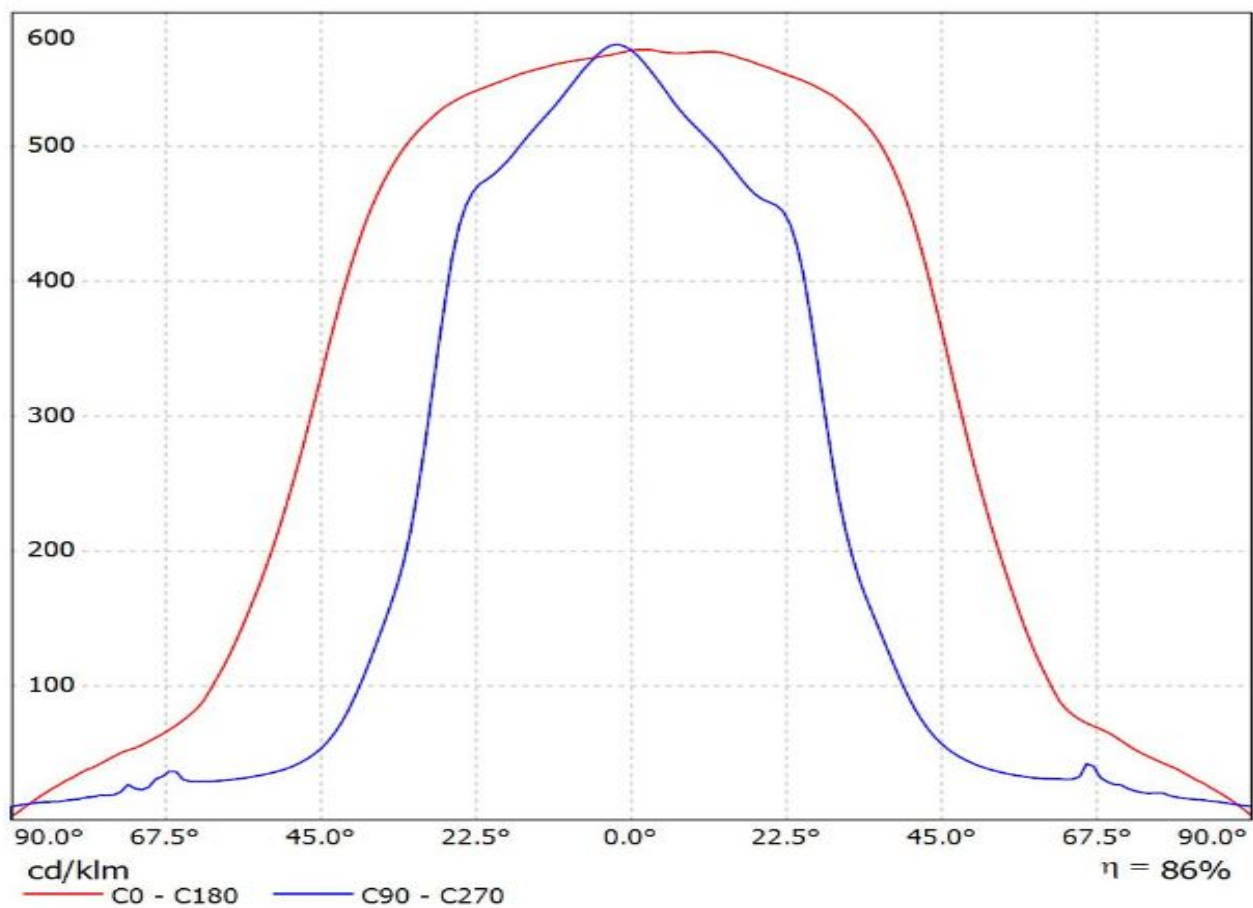
SIZE	PART NUMBER
A3	F15524

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

H G B A

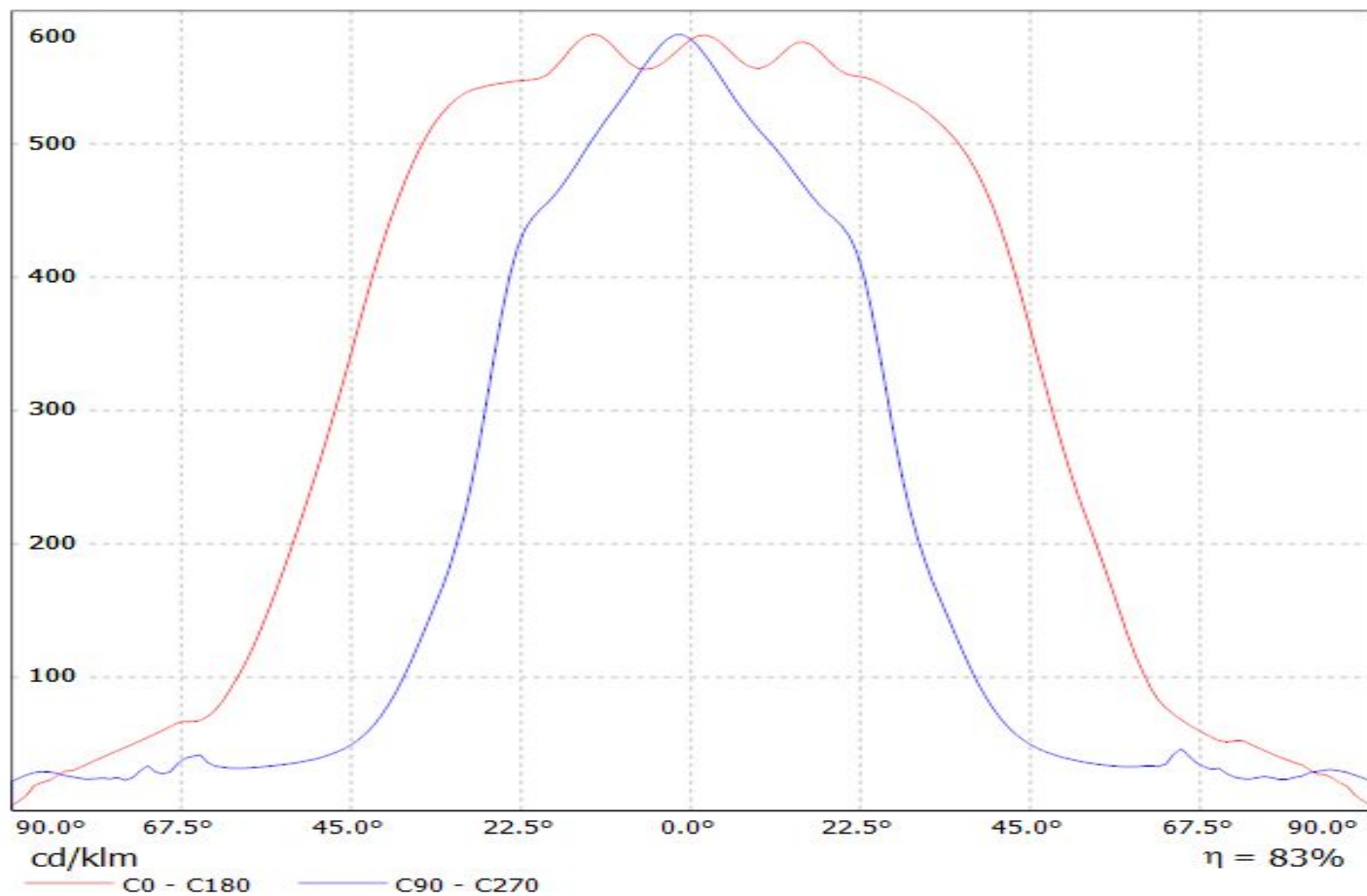
Luminaire: Ledil F15524_LINNEA-60_(Tridino_1ft_1100lm_840HE_1R_HV)

Lamps: 1 x Tridino_1ft_1100lm_840HE_1R_HV_(Edison2835HE)_1343.19lm@250mA_P=8.02229W_I=0.250A

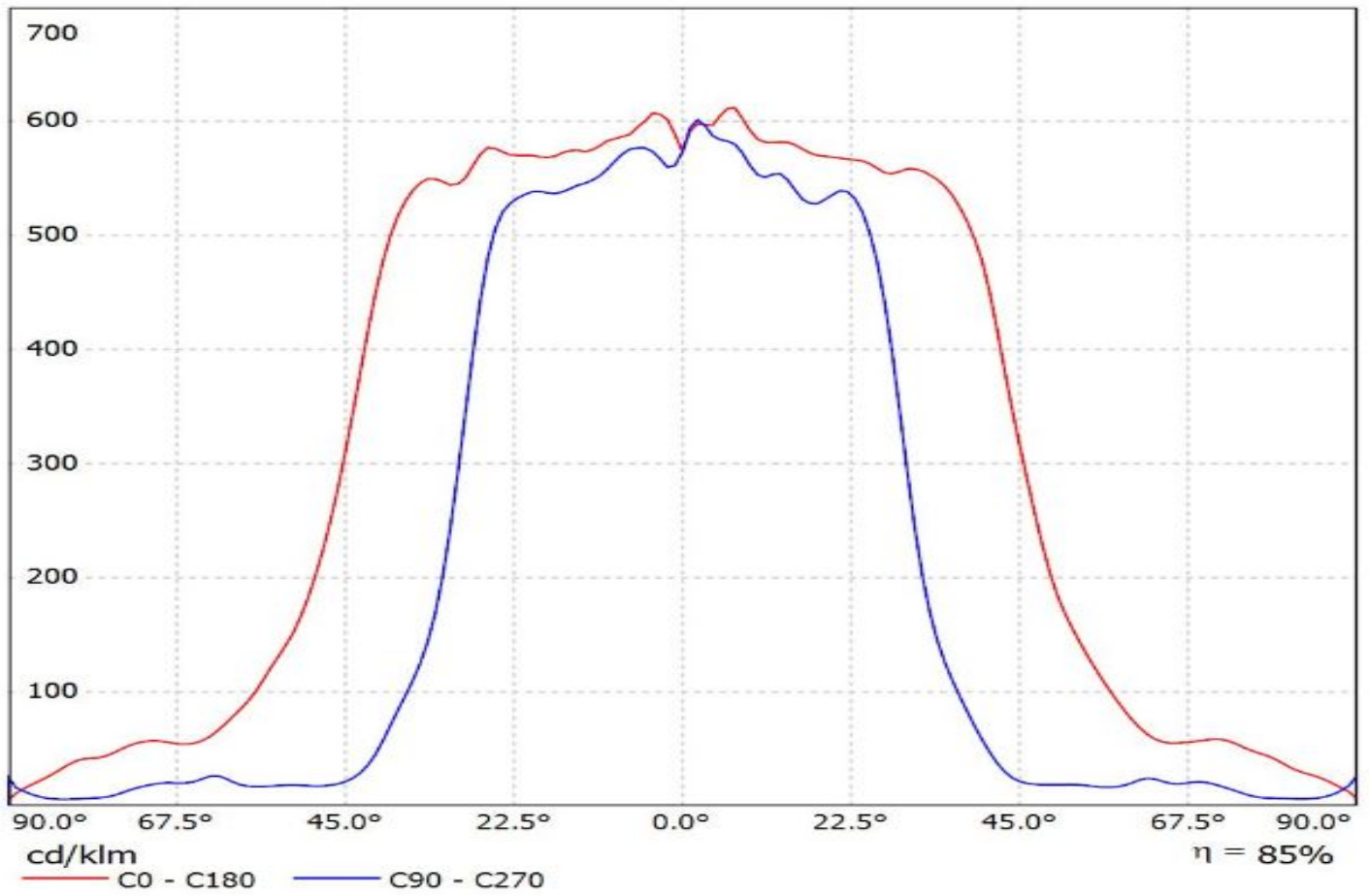


Luminaire: LEDiL Oy F15524_LINNEA-60_(XP-E)

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

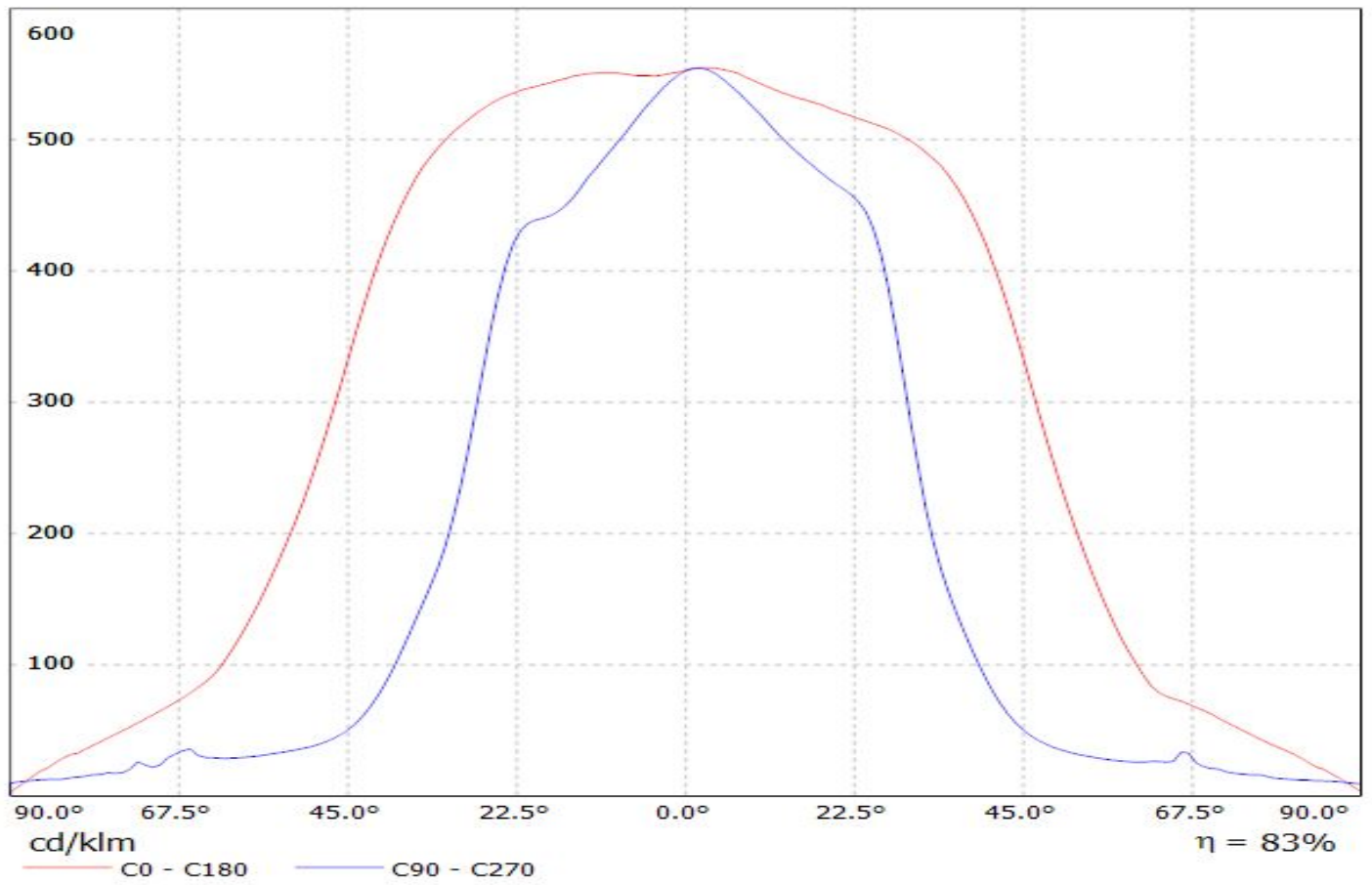


Luminaire: Ledil Oy F15524_LINNEA-60_(NF2W757GR-V1)_SIMULATED
Lamps: 1 x Nichia NF2W757GR-V1



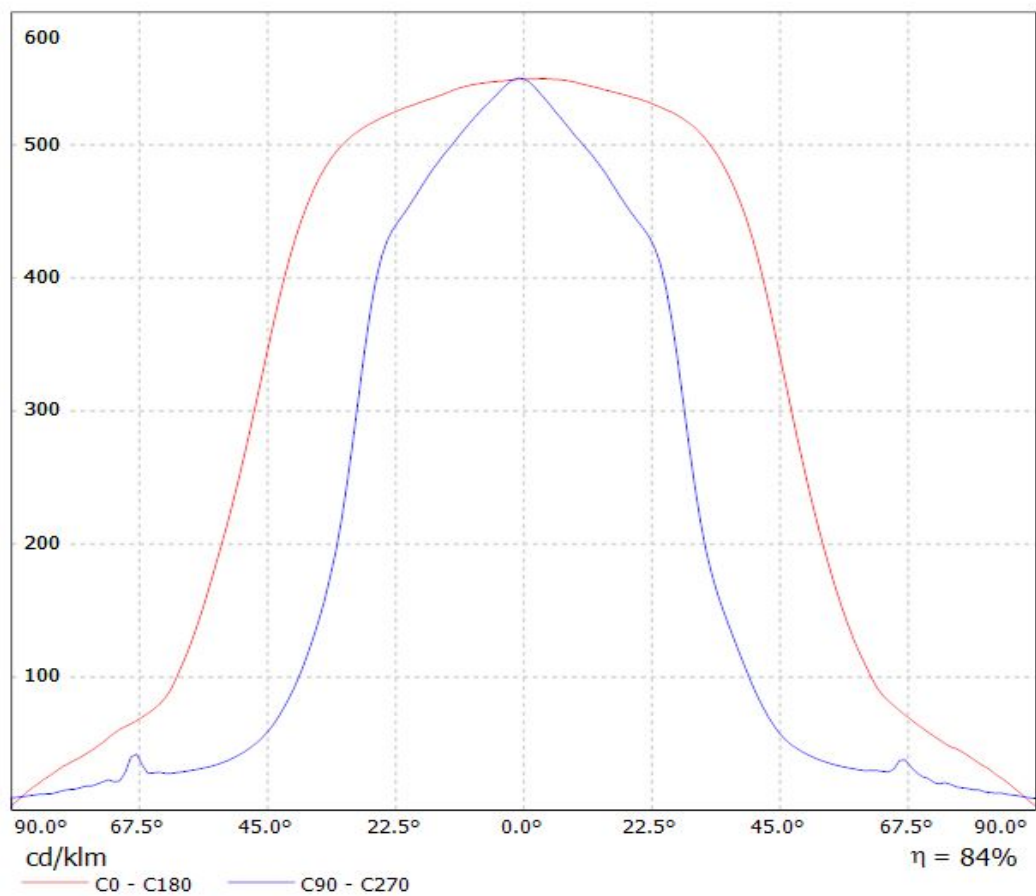
Luminaire: LEDiL Oy F15524_LINNEA-60_(NFSx757G)

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



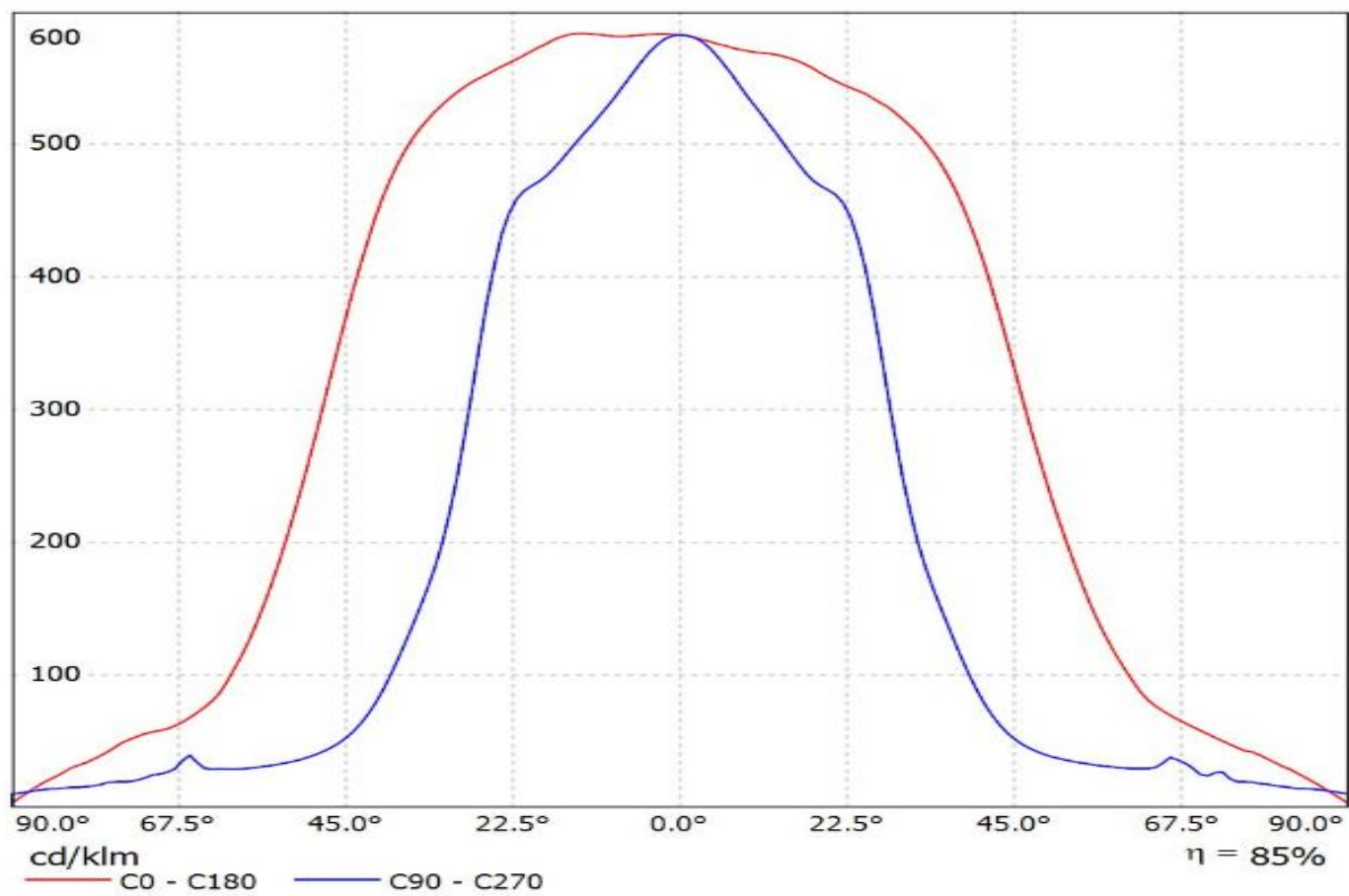
Luminaire: LEDiL Oy F15524_LINNEA-60_(Prevaled_Linear_Slim_1100lm)

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

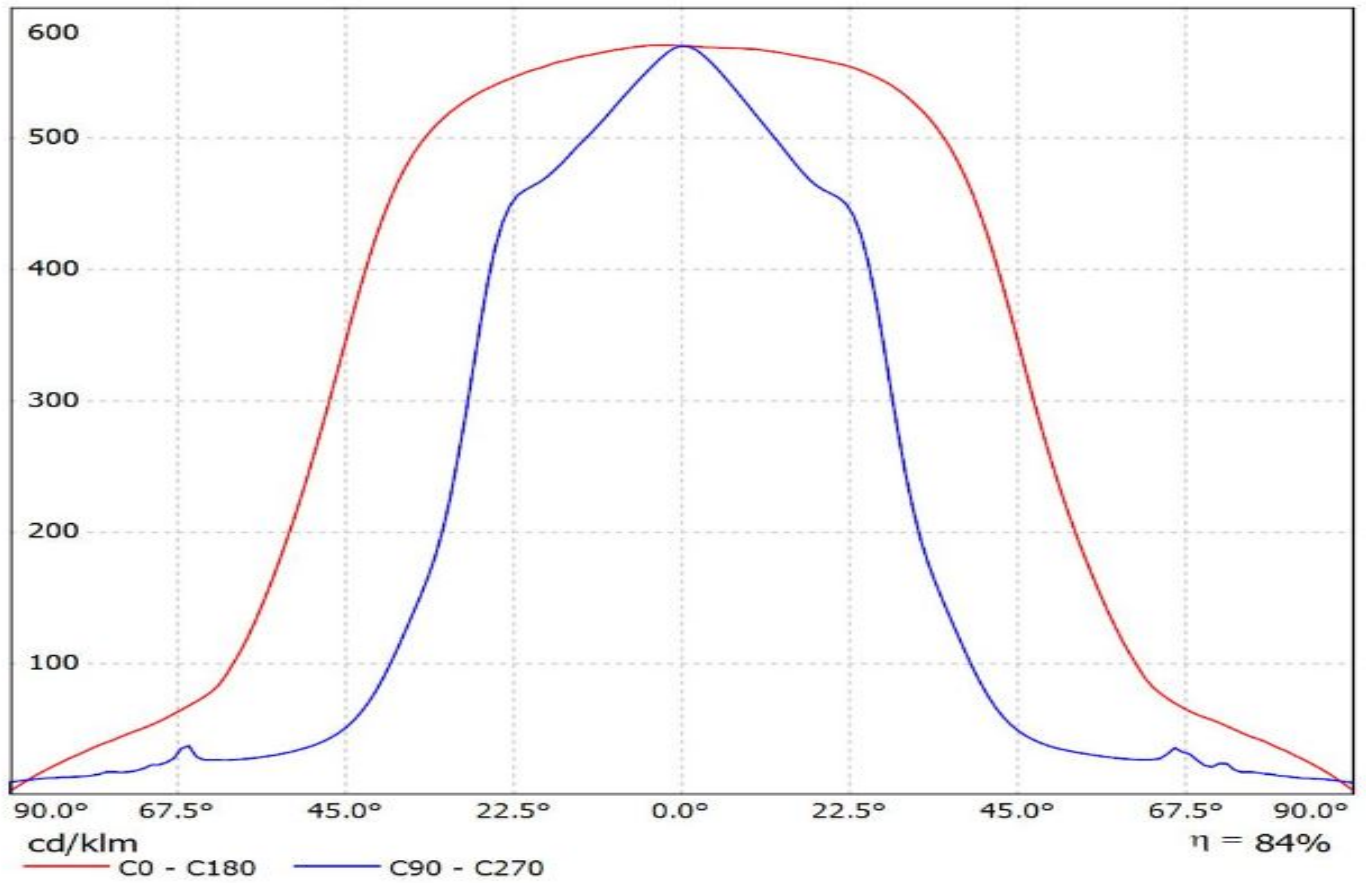


Luminaire: Ledil F15524_LINNEA-60_(Duris_S5)

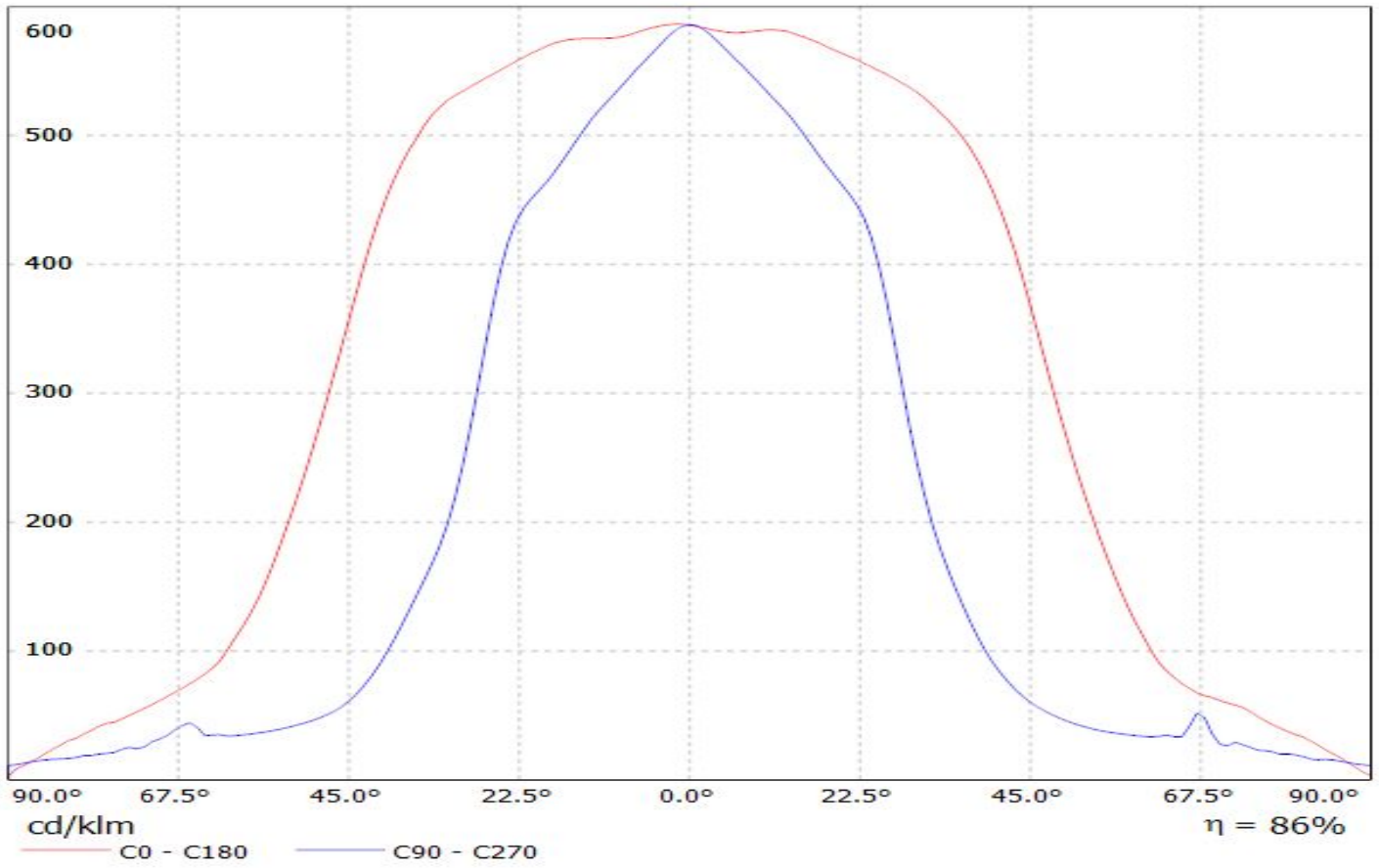
Lamps: 1 x Osram_Duris_S5_1183.73lm@250mA_P=8.66003W_U=34.724V



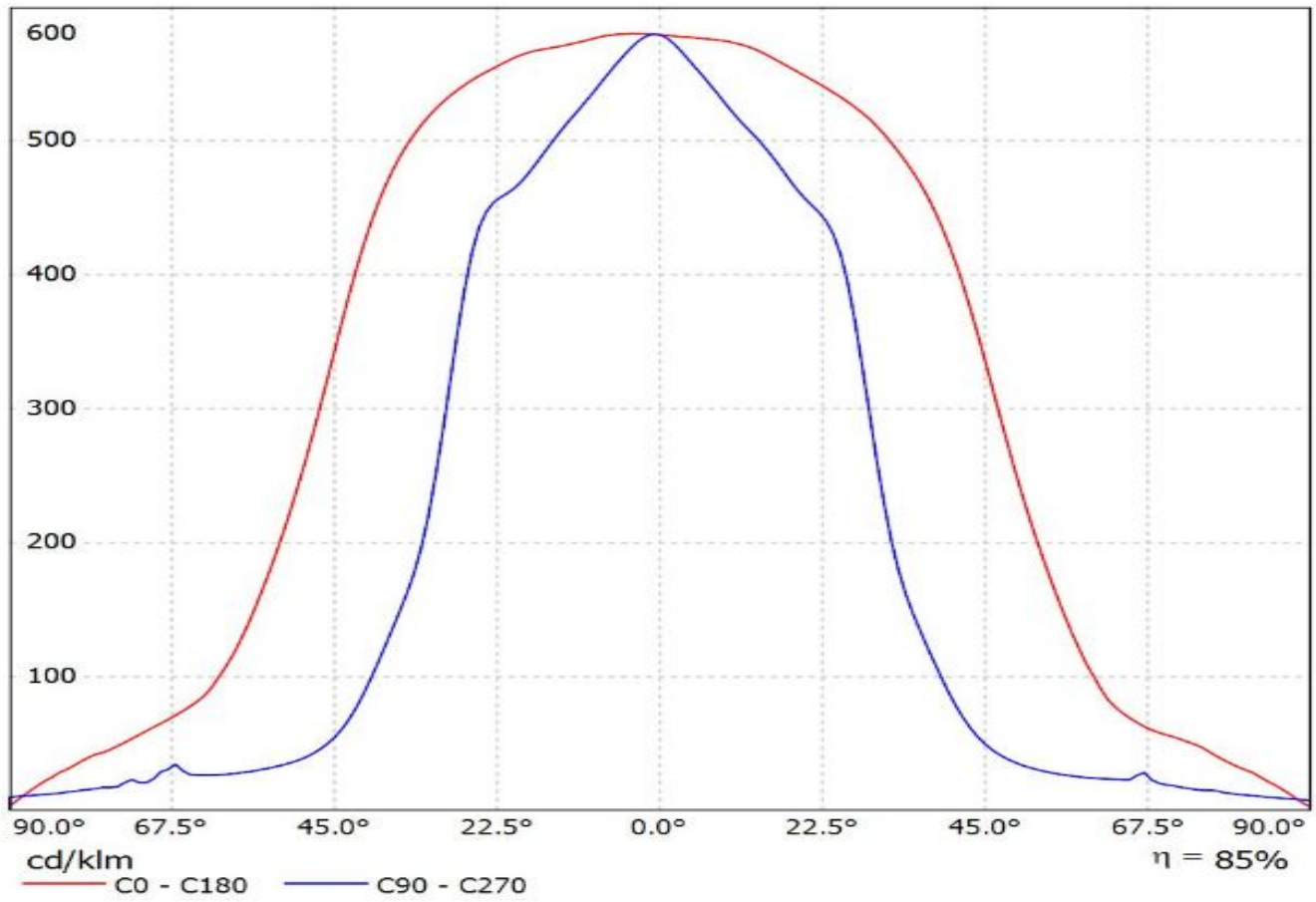
Luminaire: Ledil F15524_LINNEA-60 (Prevaled_Linear_Slim_3)
Lamps: 1 x Osram_Prevaled_Linear_Slim_3 (PL-LIN S-Z3-2000-840-280)
_1949.14lm@300mA_CCT=4000K_P=12.0015W_U=40.179V



Luminaire: LEDiL Oy F15524_LINNEA-60_(Duris_S5_1chip)
Lamps: 1 x Osram_Duris_S5_1chip_(GWPSLM31_EM-GUHQ-A535-1)
_359.255lm@65mA_P=2.13817W_U=33.253V

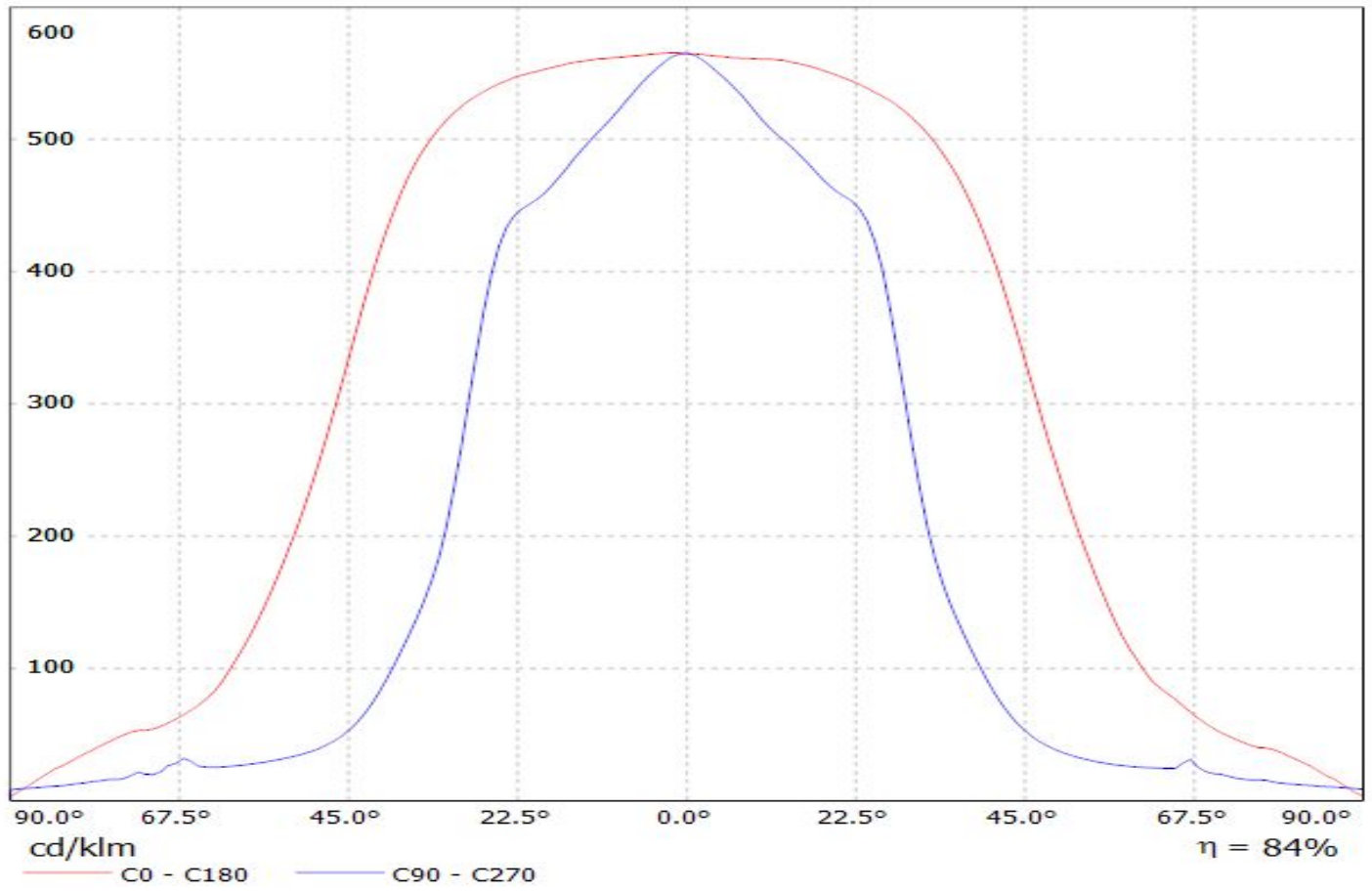


Luminaire: Ledil F15524_LINNEA-60_(Fortimo_LED_Strip_1ft_1100lm_FC_HV4)
Lamps: 1 x Philips_Fortimo_LED_Strip_1ft_1100lm_930_FC_HV4_735.772lm@250mA_P=5.6145W_U=22.496V

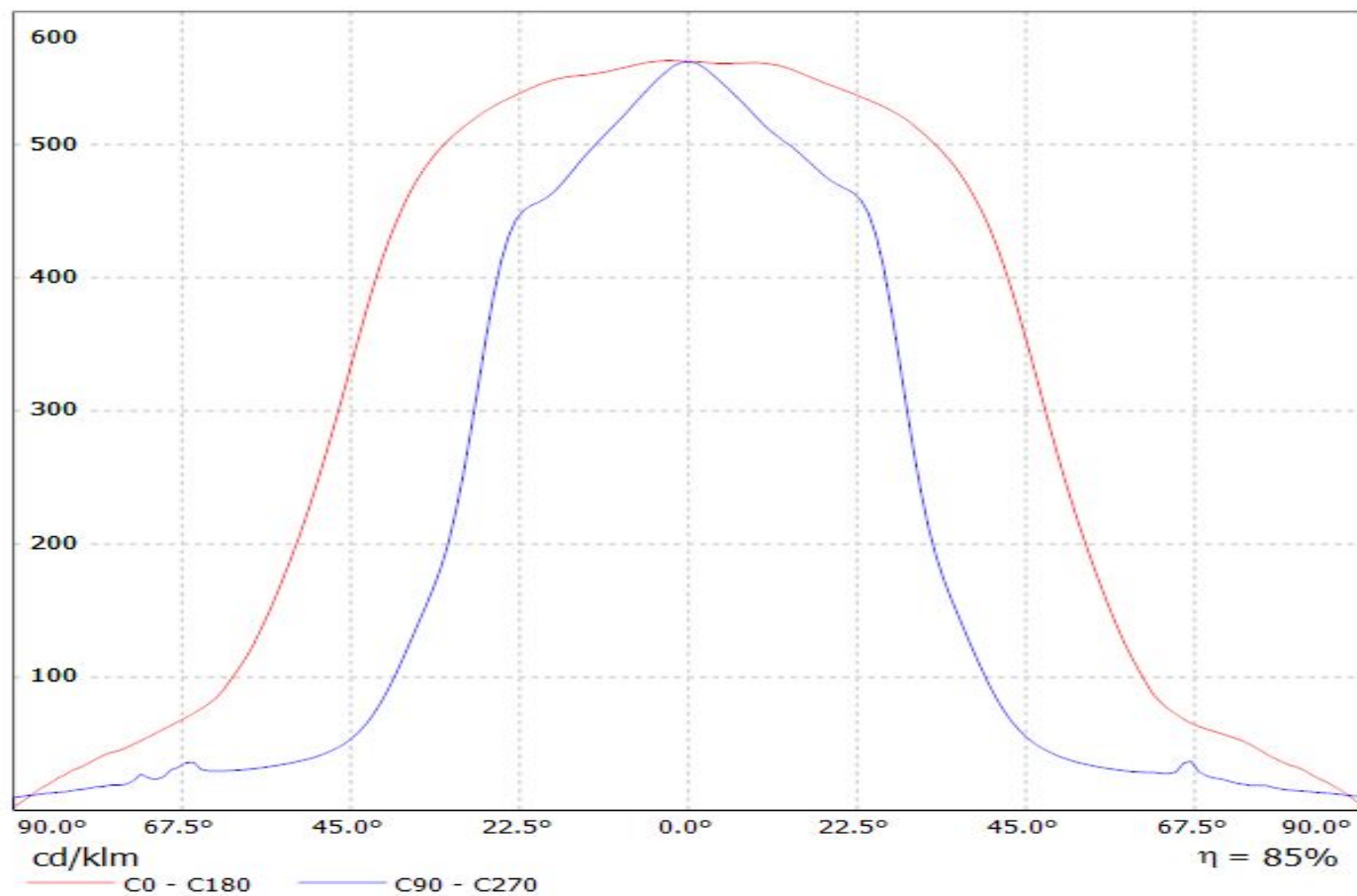


Luminaire: Ledil F15524_LINNEA-60_(Fortimo_LED_Strip_1ft_650lm_FC_LV4)

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

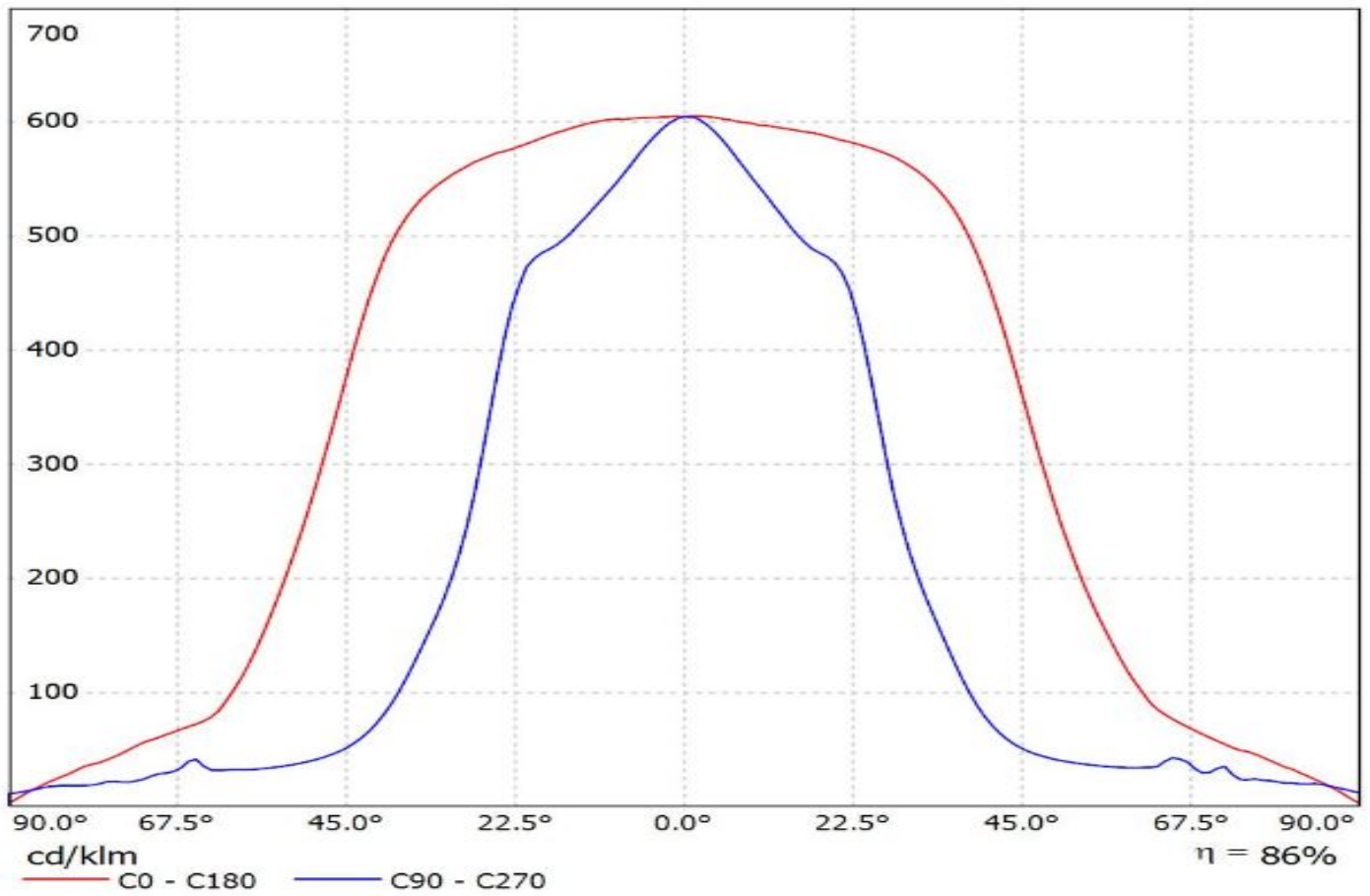


Luminaire: LEDiL Oy F15524_LINNEA-60_(LM561B+)_Cav1
Lamps: 1 x Samsung_LM561B+_1370.33lm@250mA_P=9.1162W_I=0.250A



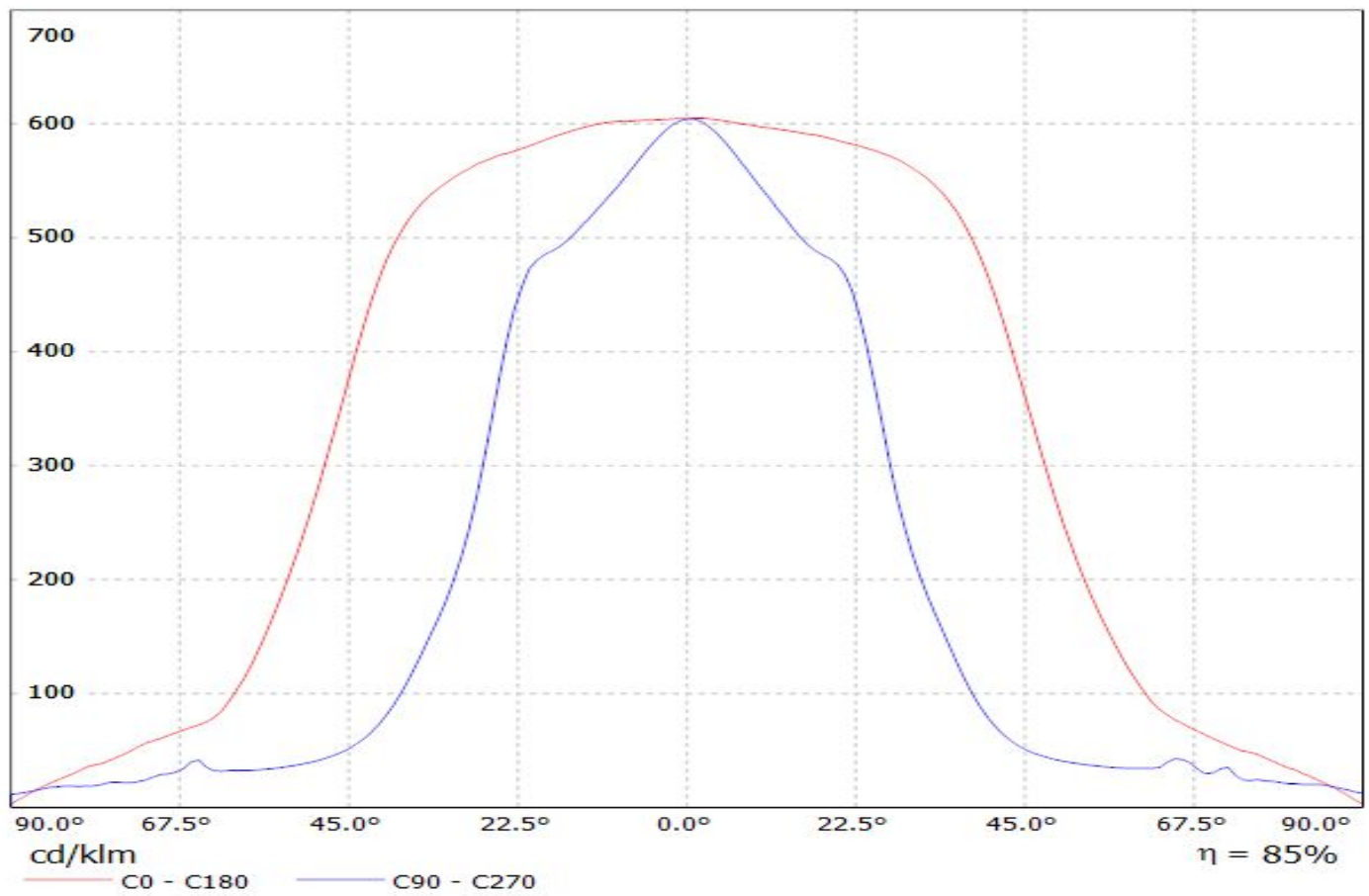
Luminaire: Ledil F15524_LINNEA-60_(LT-V282E)

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



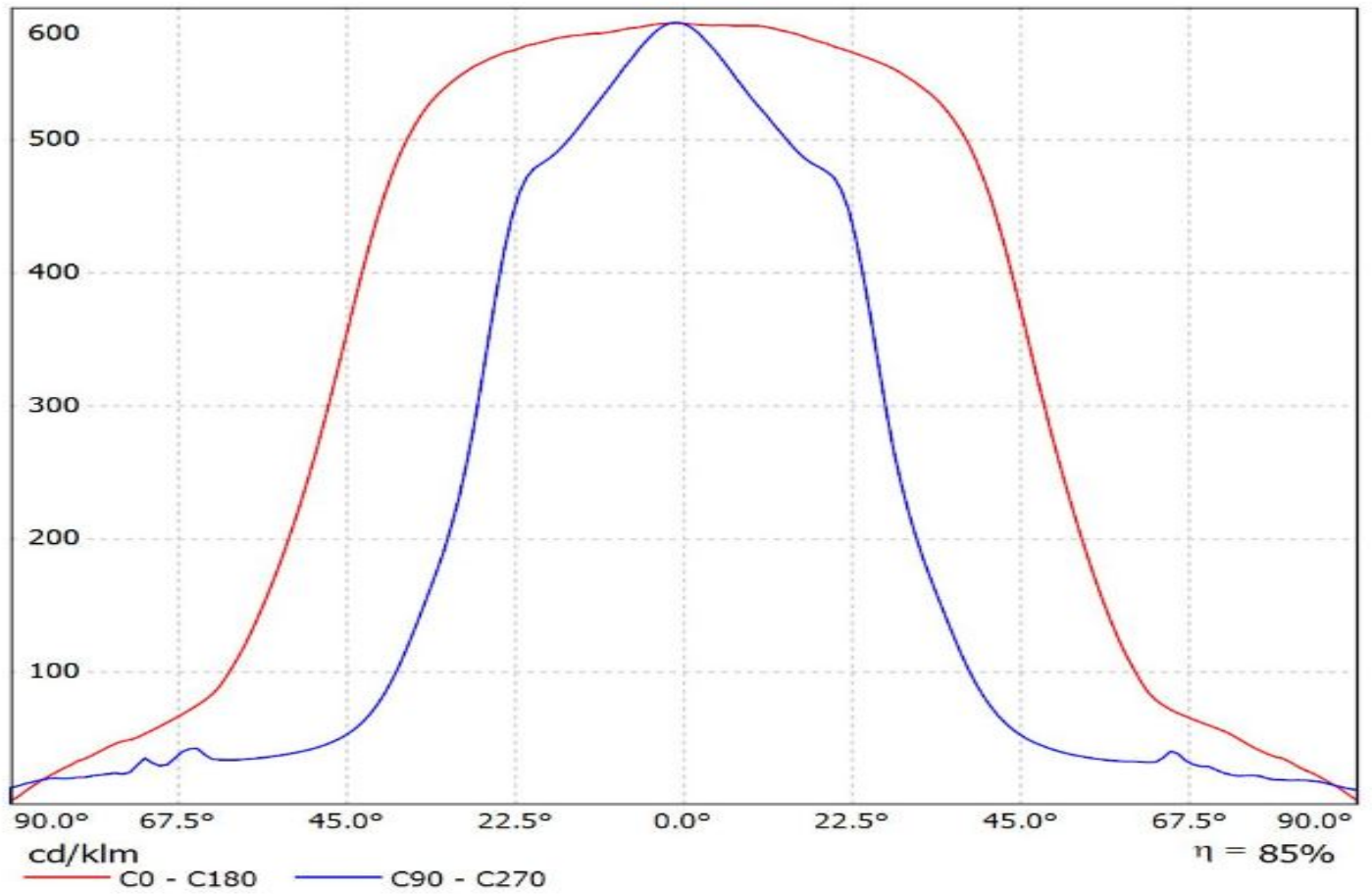
Luminaire: Ledil F15524_LINNEA-60_(LT-V562E)

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



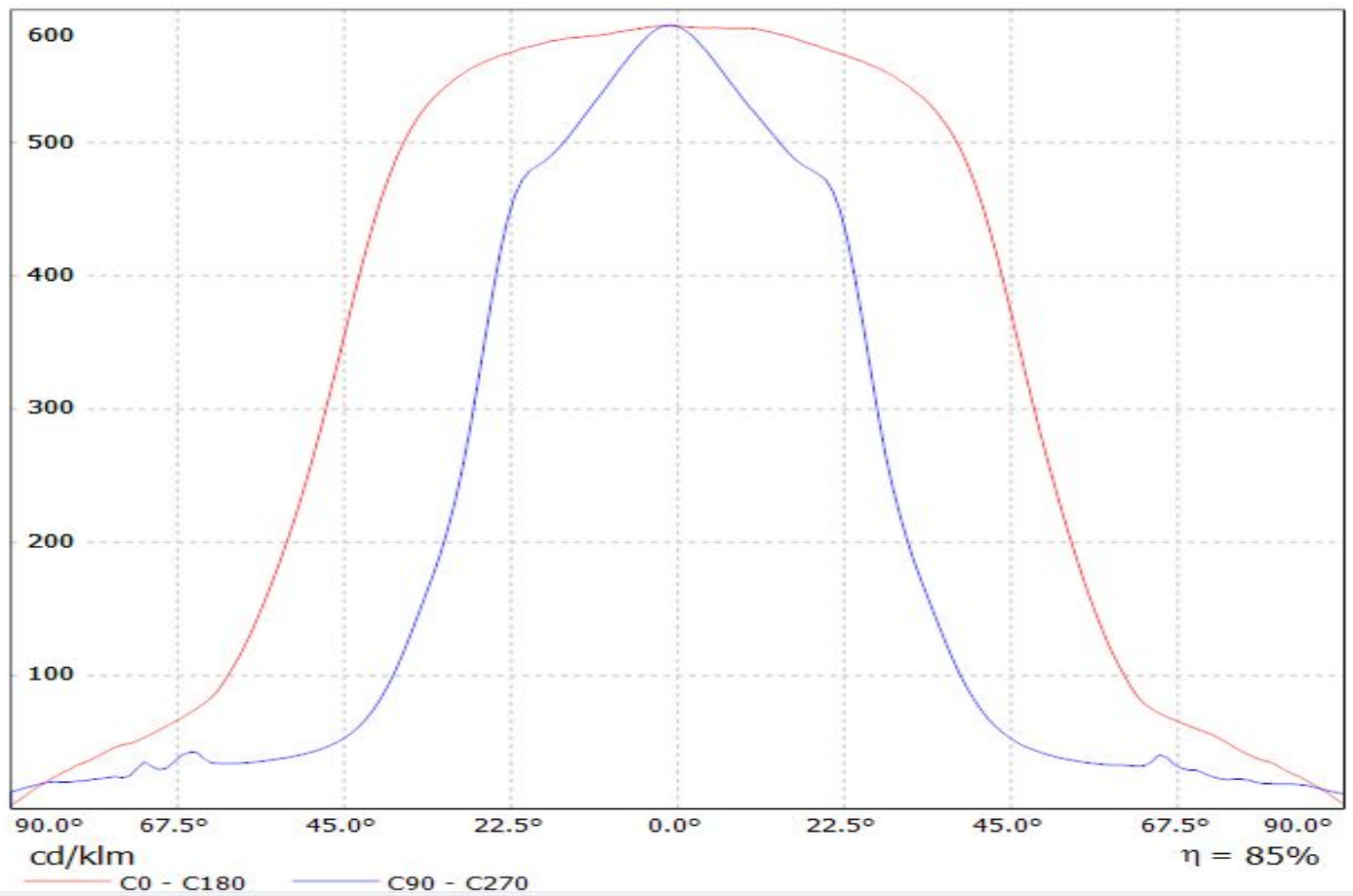
Luminaire: Ledil F15524_LINNEA-60_(LT-H282C)

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



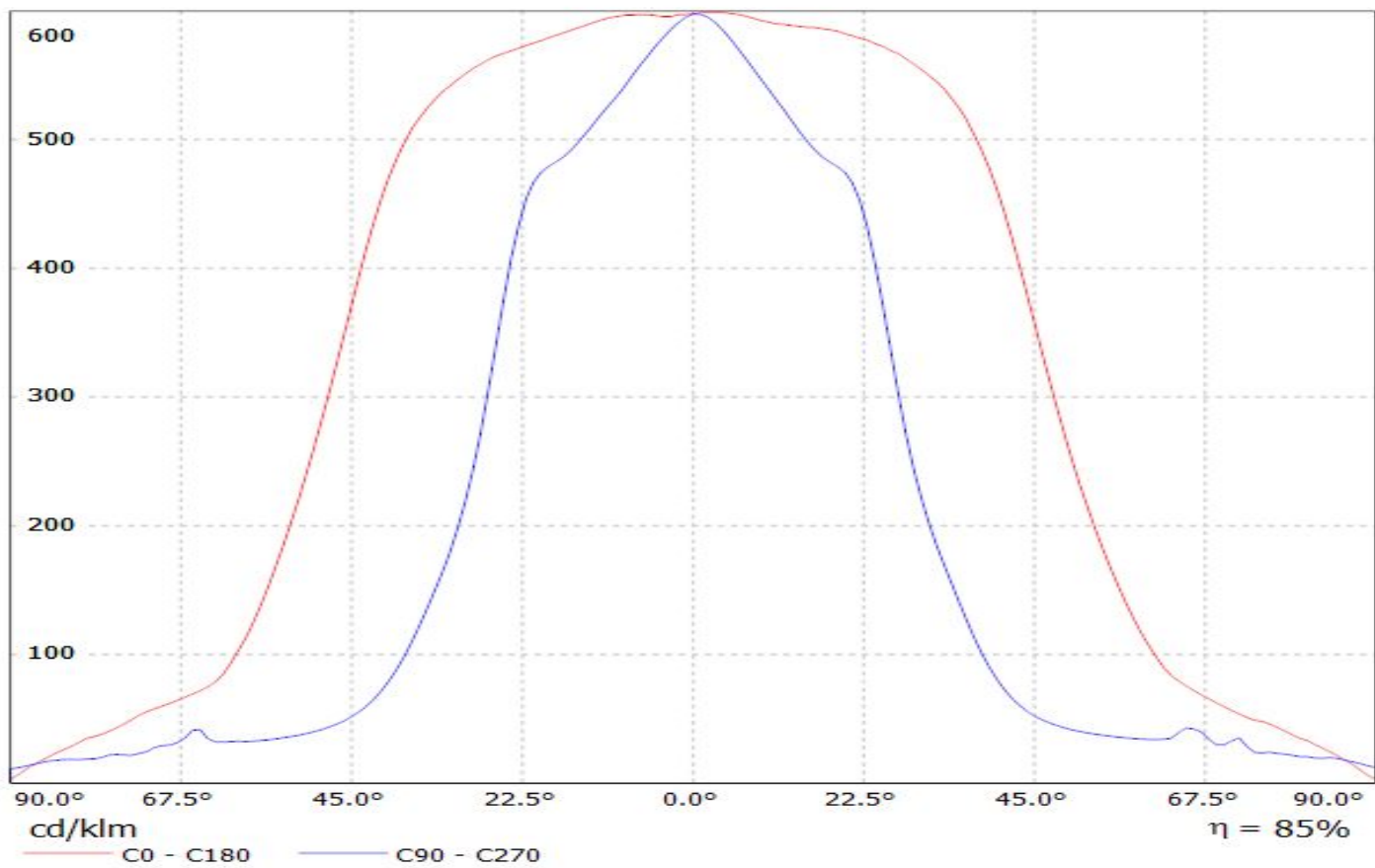
Luminaire: Ledil F15524_LINNEA-60_(LT-H562C)

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



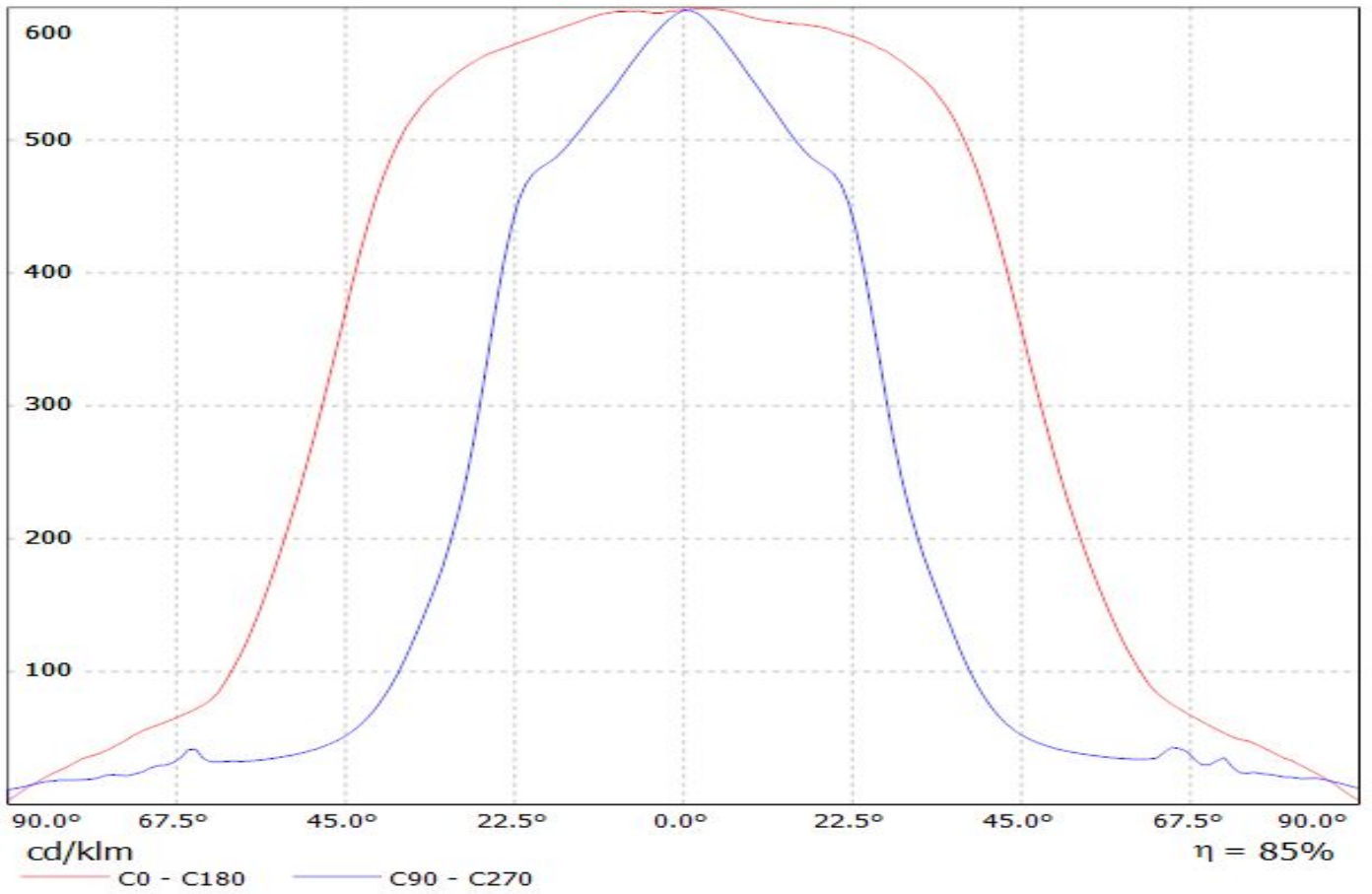
Luminaire: Ledil F15524_LINNEA-60_(LT-S282H)

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



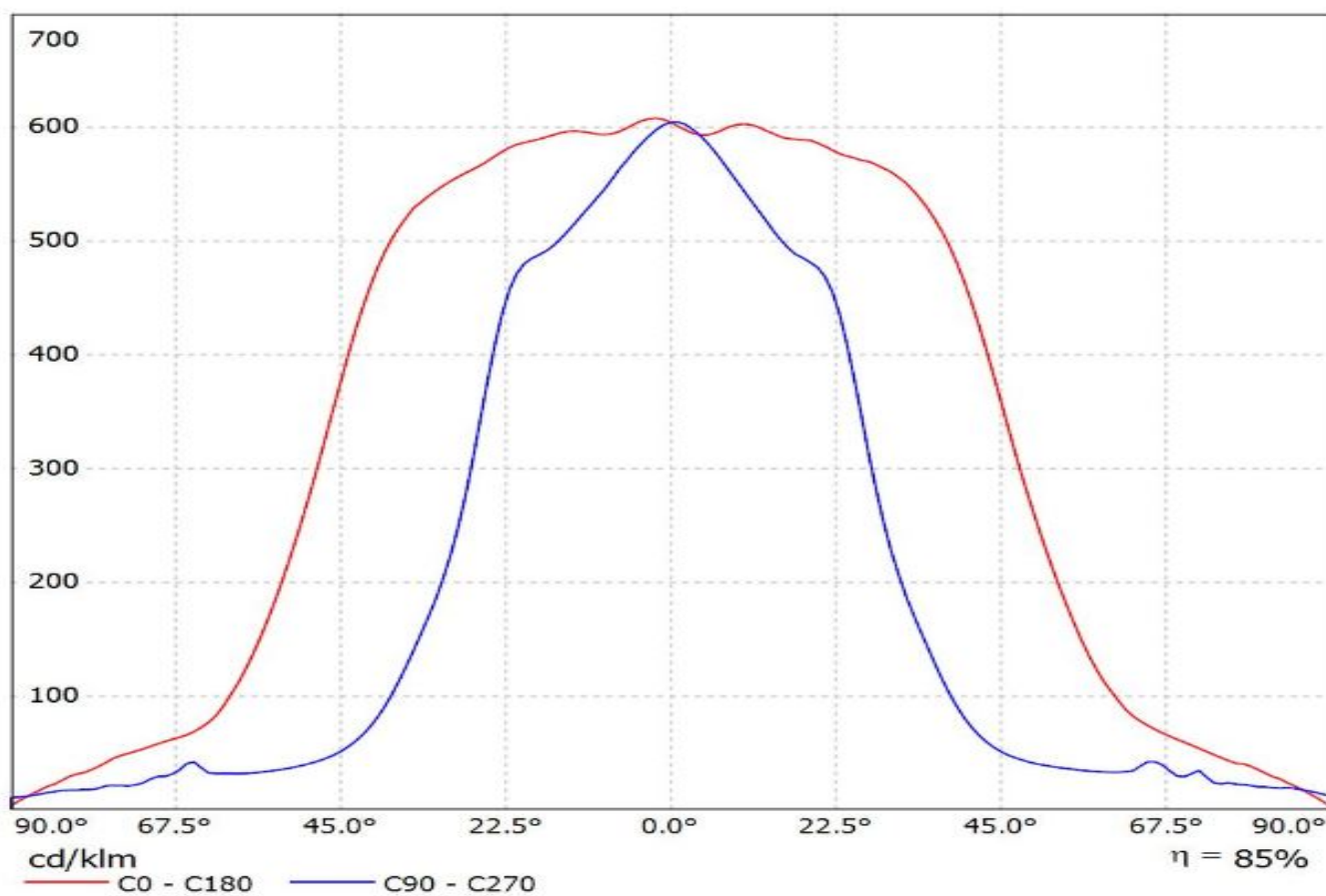
Luminaire: Ledil F15524_LINNEA-60_(LT-S562H)

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

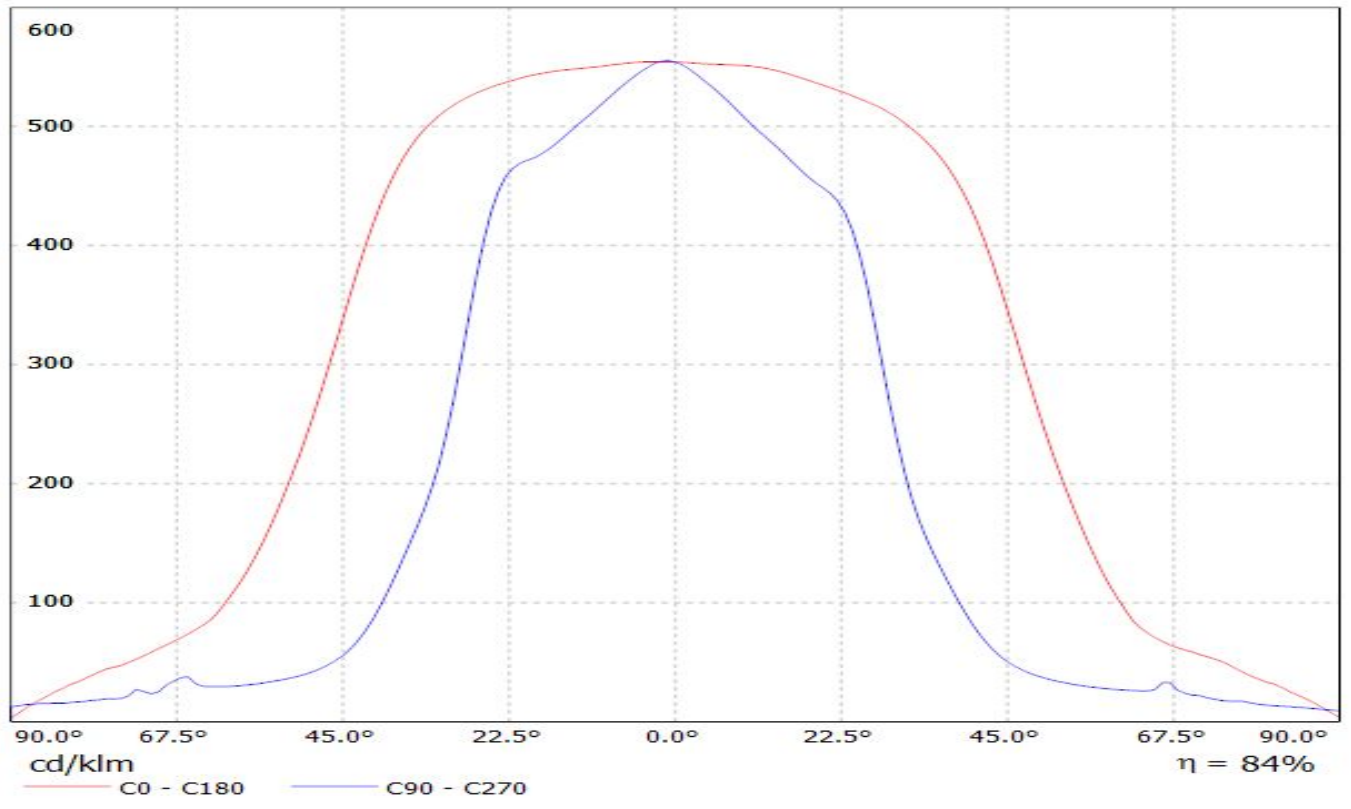


Luminaire: Ledil F15524_LINNEA-60_(LT-Q282B)

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

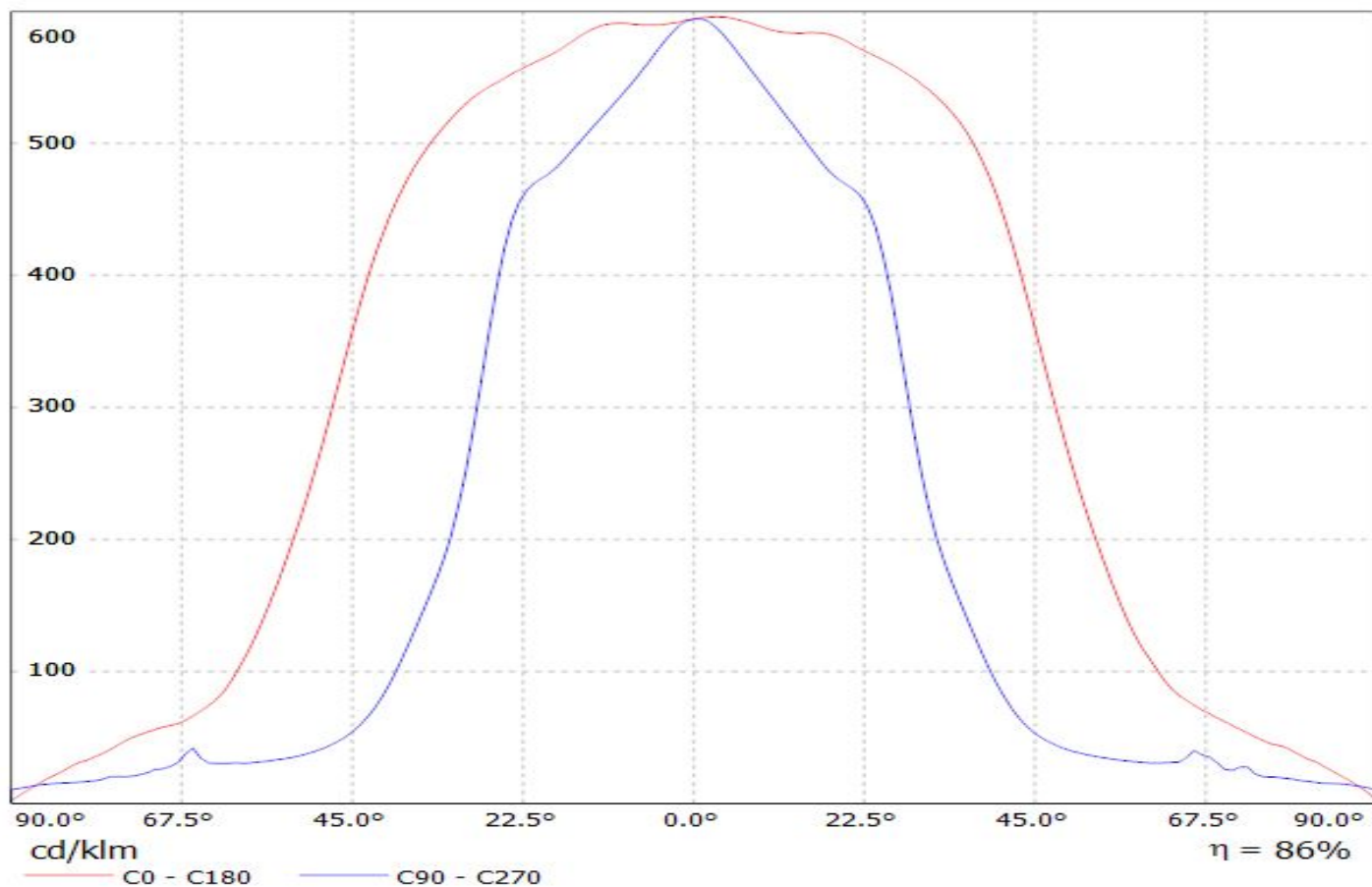


Luminaire: LEDiL Oy F15524 LINNEA-60_(Seoul_semi_5630D)
Lamps: 1 x Seoul_Semi_5630D_932.657lm@250mA_P=5.68145W_I=0.250A



Luminaire: Ledil F15524_LINNEA-60_(SunLike_3030)

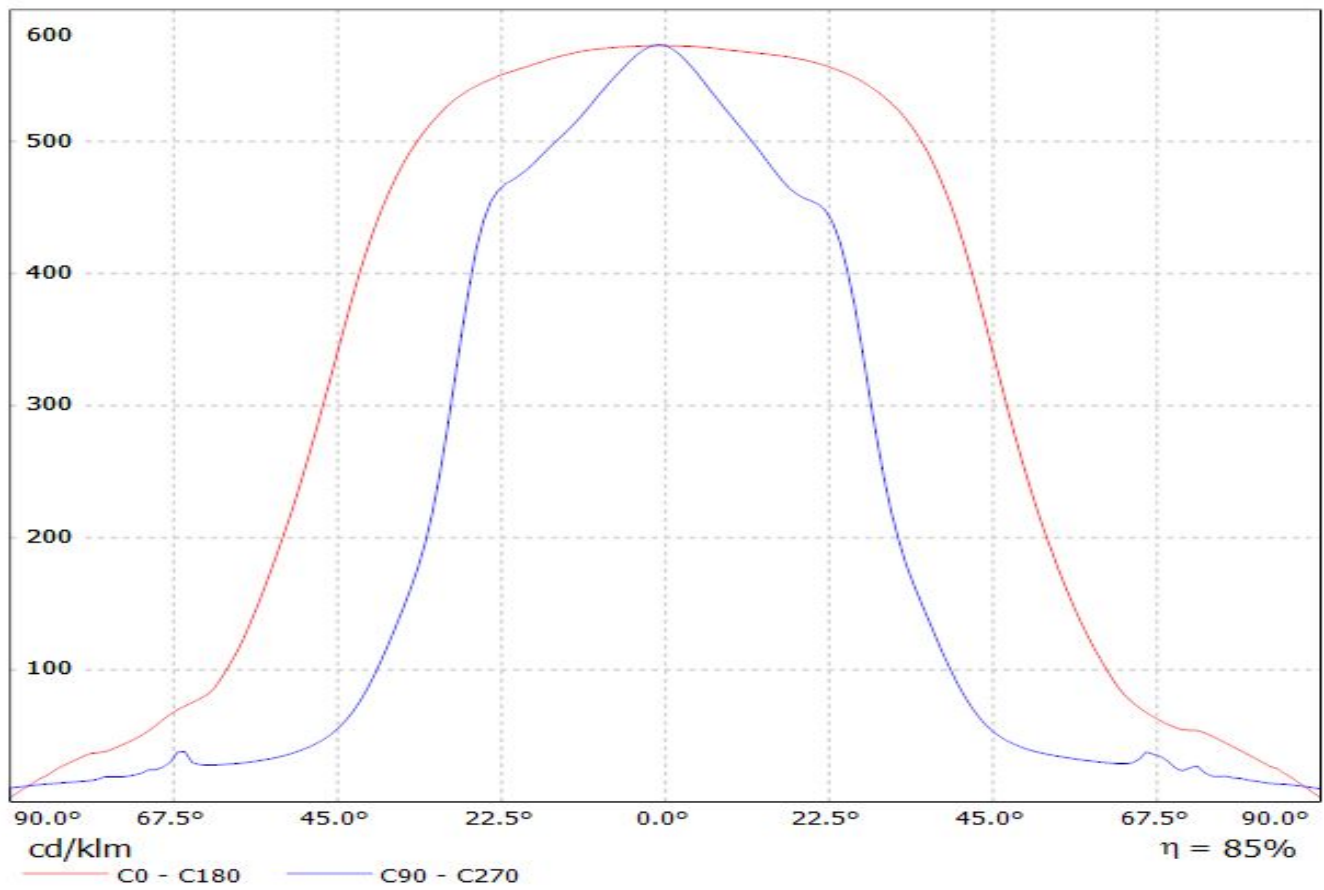
Lamps: 1 x SEOUL_SunLike_3030_(STW9C2PB-S)_2_240.649lm@0.65mA_P=2.30531W_U=35.538V



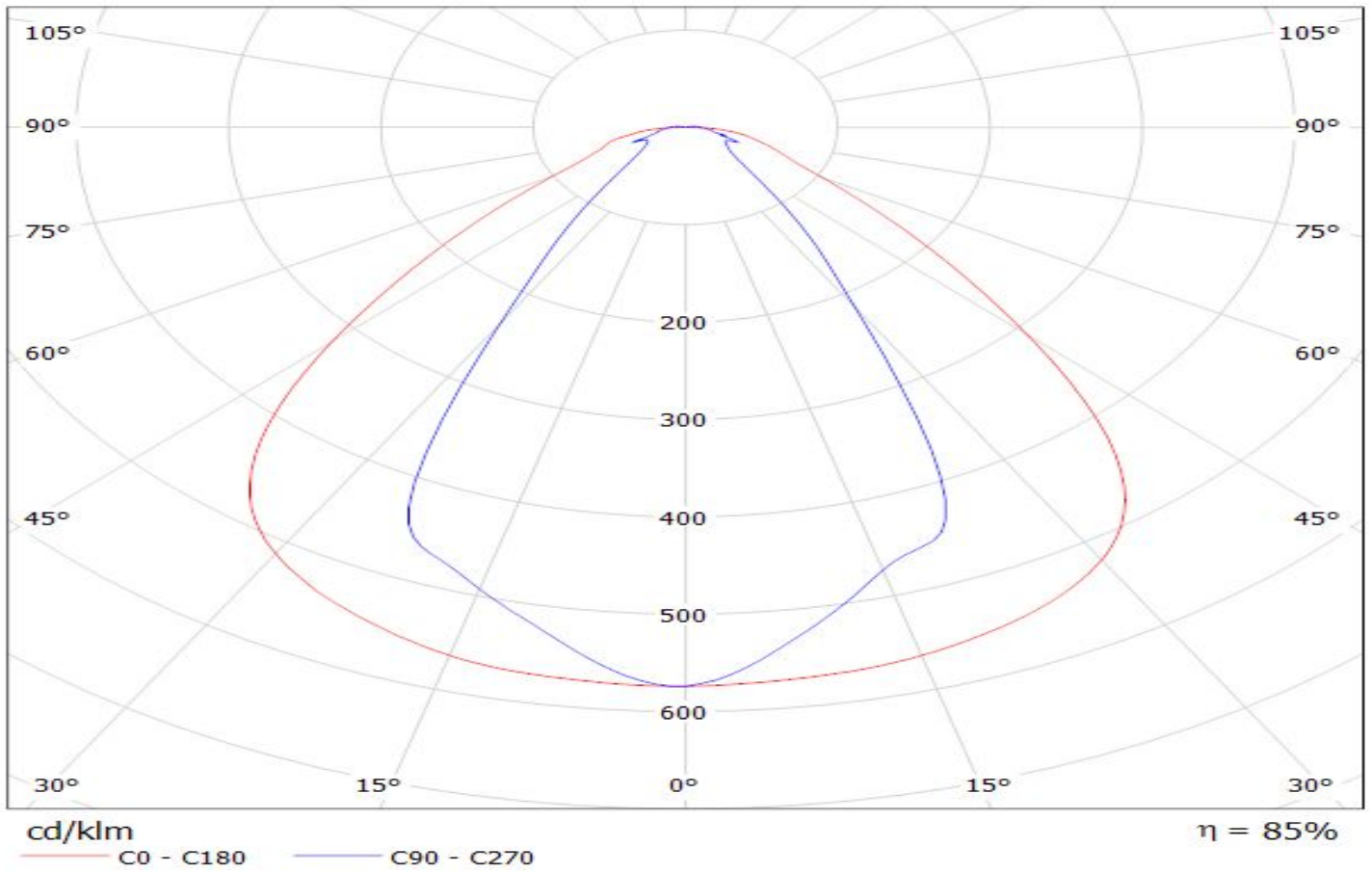
Luminaire: LEDiL Oy F15524_LINNEA-60_(LLE_G4_24x280mm_650lm_840_2T_ADV)

Lamps: 1 x

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

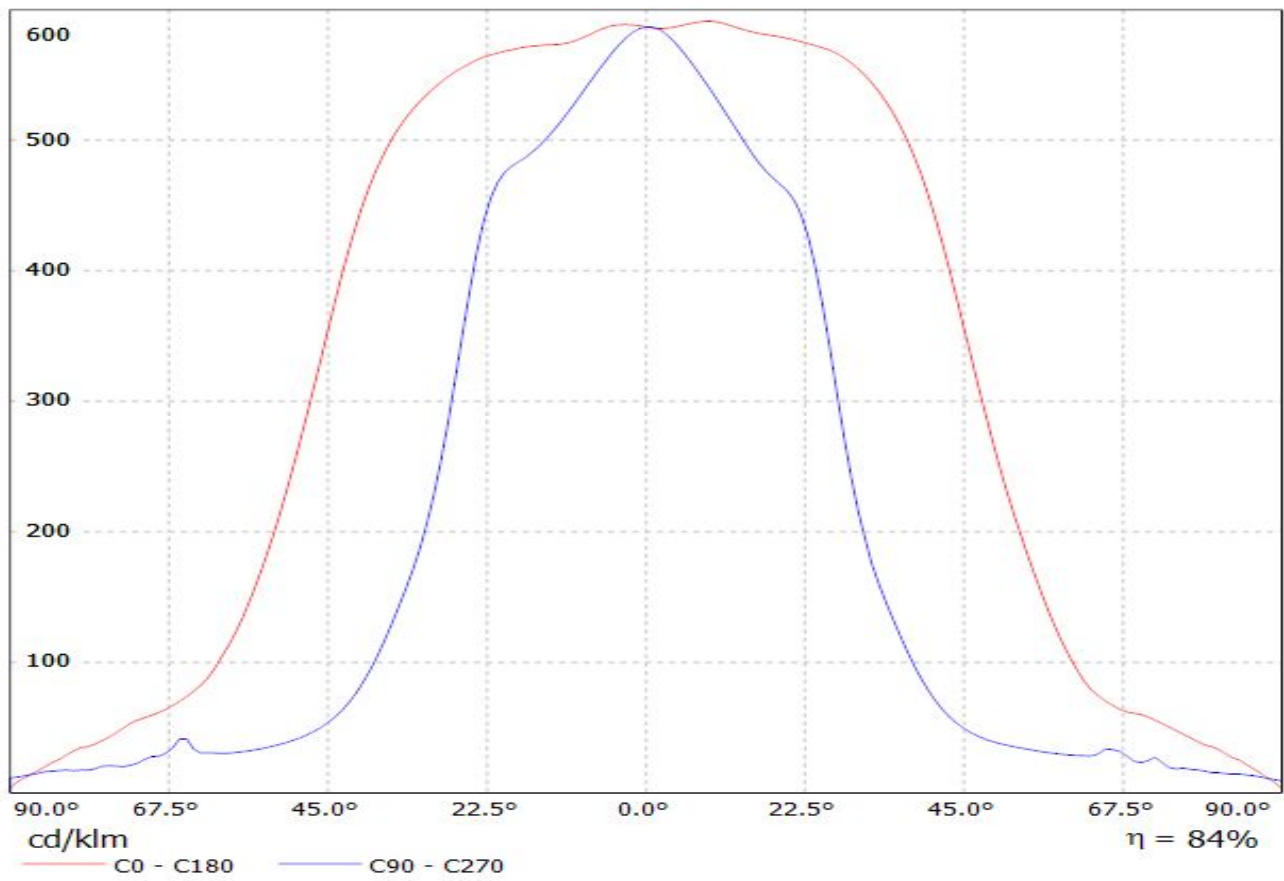


Luminaire: Ledil F15524 LINNEA-60 (LLE_G4_24x280mm_1250lm_840_4T_ADV)
Lamps: 1 x Tridonic (LLE_G4_24x280mm_1250lm_840_4T_ADV)
_971.78lm@250mA_CCT=4000K_P=5.6355W_U=22.5500V



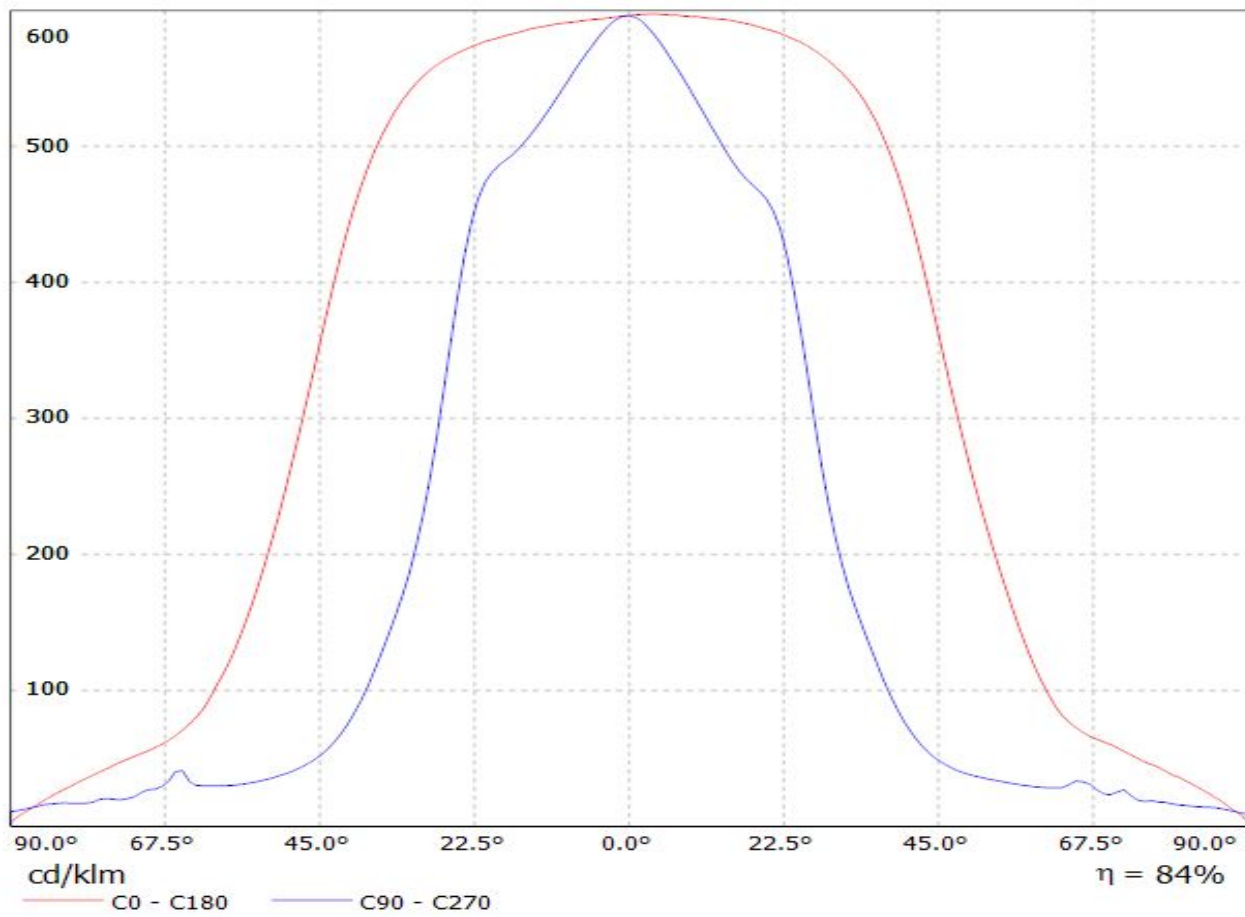
Luminaire: LEDiL Oy F15524_LINNEA-60_(CALOSNU405-M7W1)

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



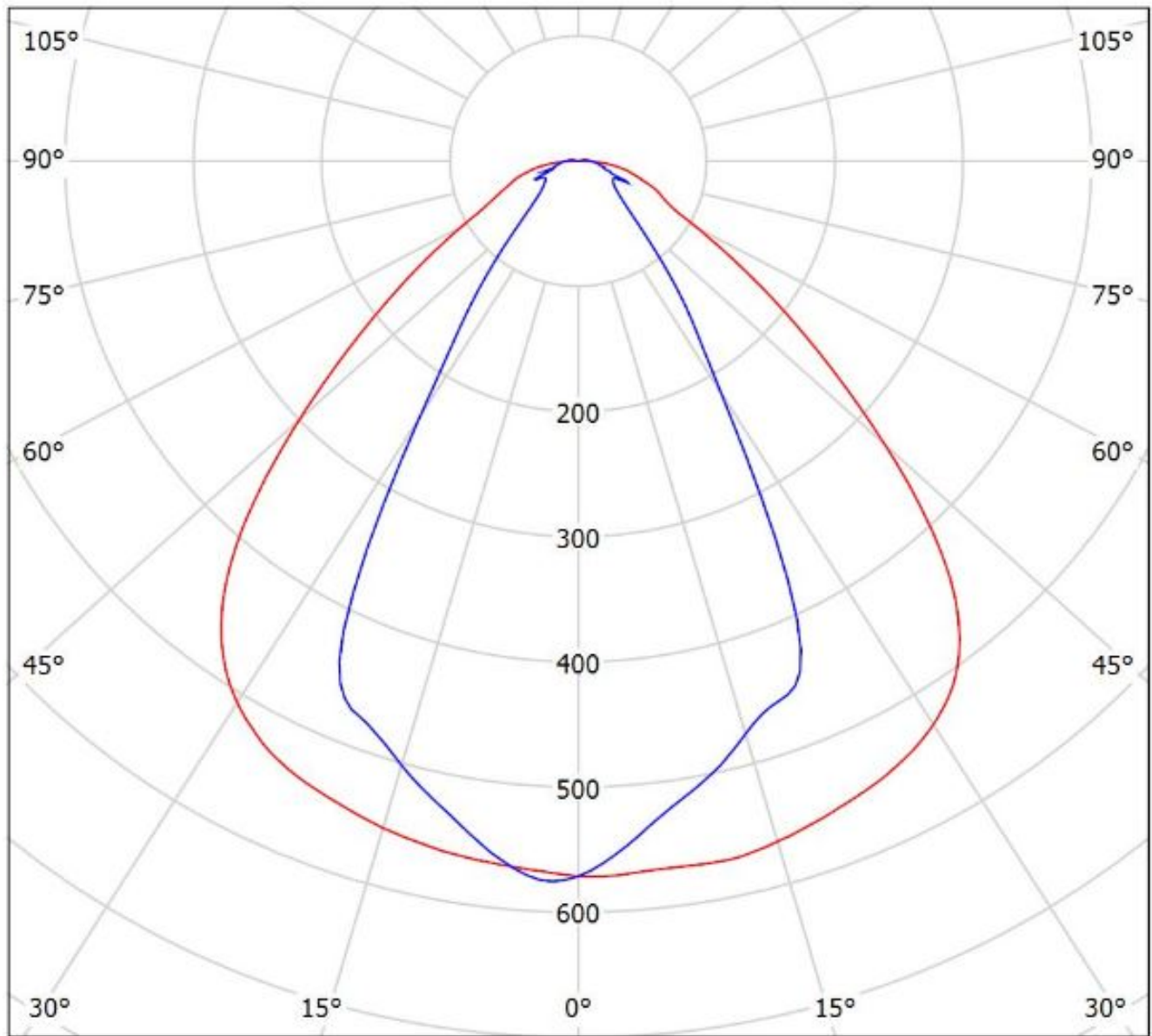
Luminaire: Ledil F15524_LINNEA-60_(CALOSNU410-M7W1)

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



Luminaire: Ledil F15524_LINNEA-60_(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



cd/klm

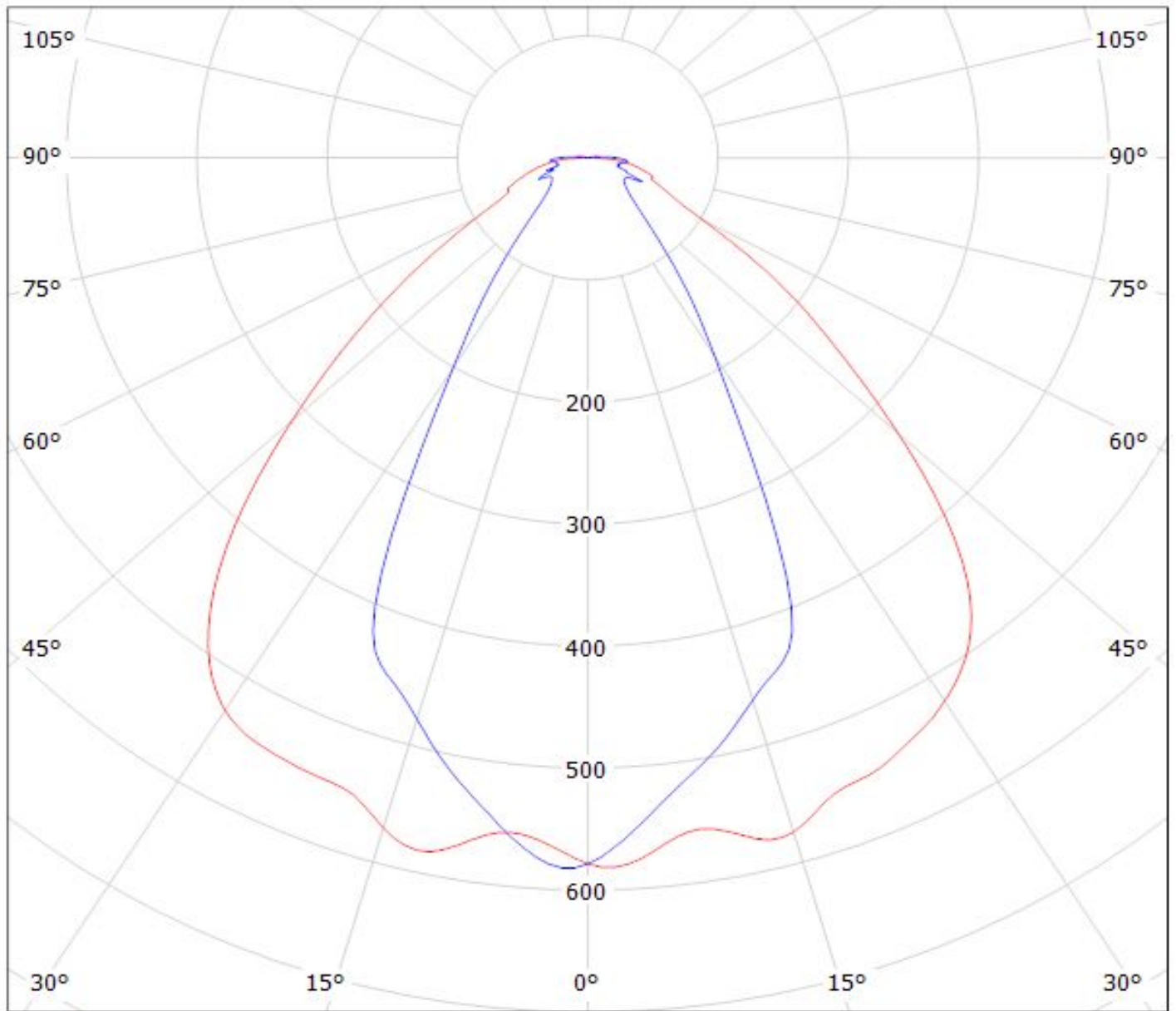
— C0 - C180

— C90 - C270

$\eta = 86\%$

Luminaire: LEDiL Oy F15524_LINNEA-60_(XP-E)

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



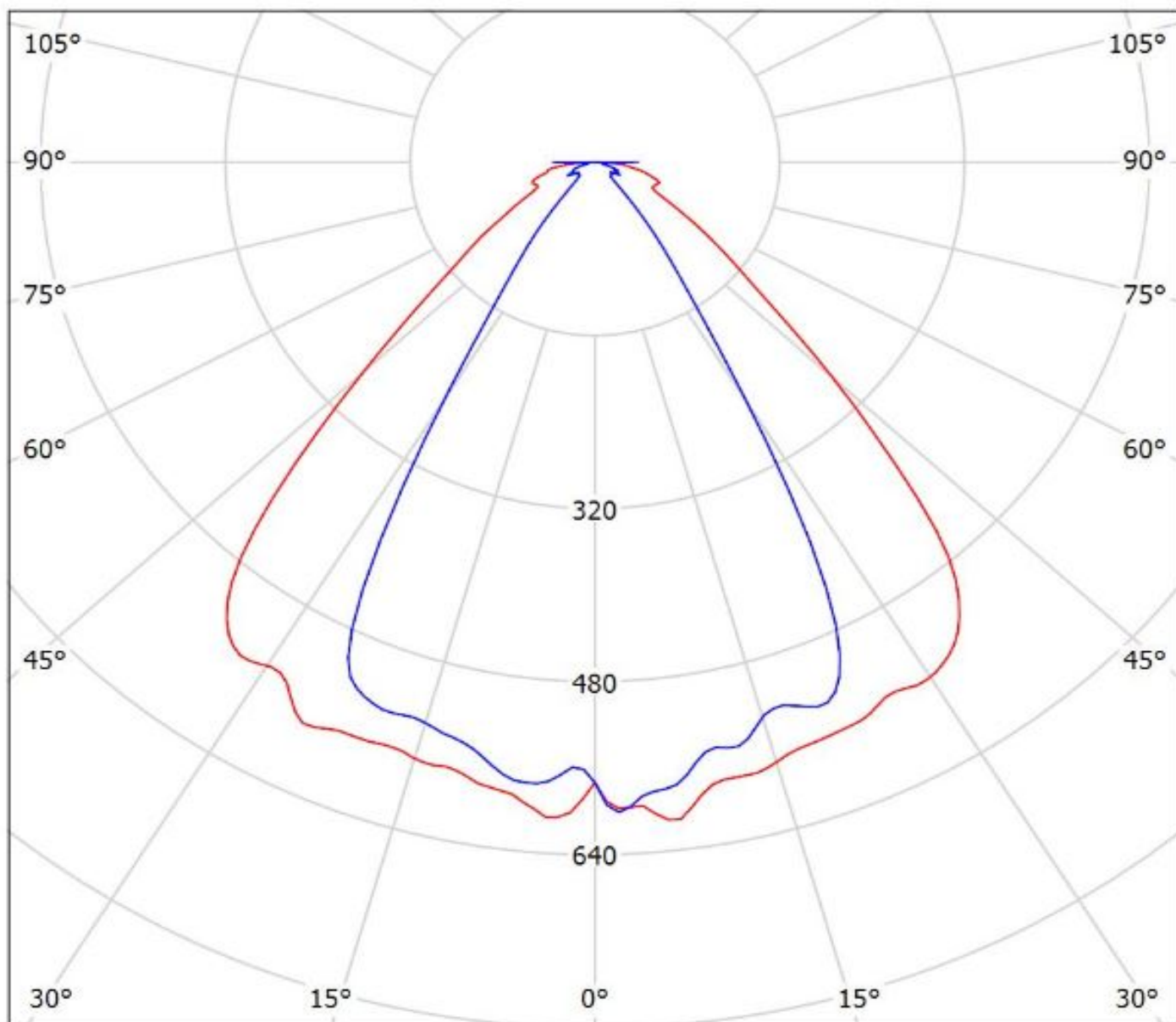
cd/klm

— C0 - C180

— C90 - C270

$\eta = 83\%$

Luminaire: Ledil Oy F15524_LINNEA-60_(NF2W757GR-V1)_SIMULATED
Lamps: 1 x Nichia NF2W757GR-V1



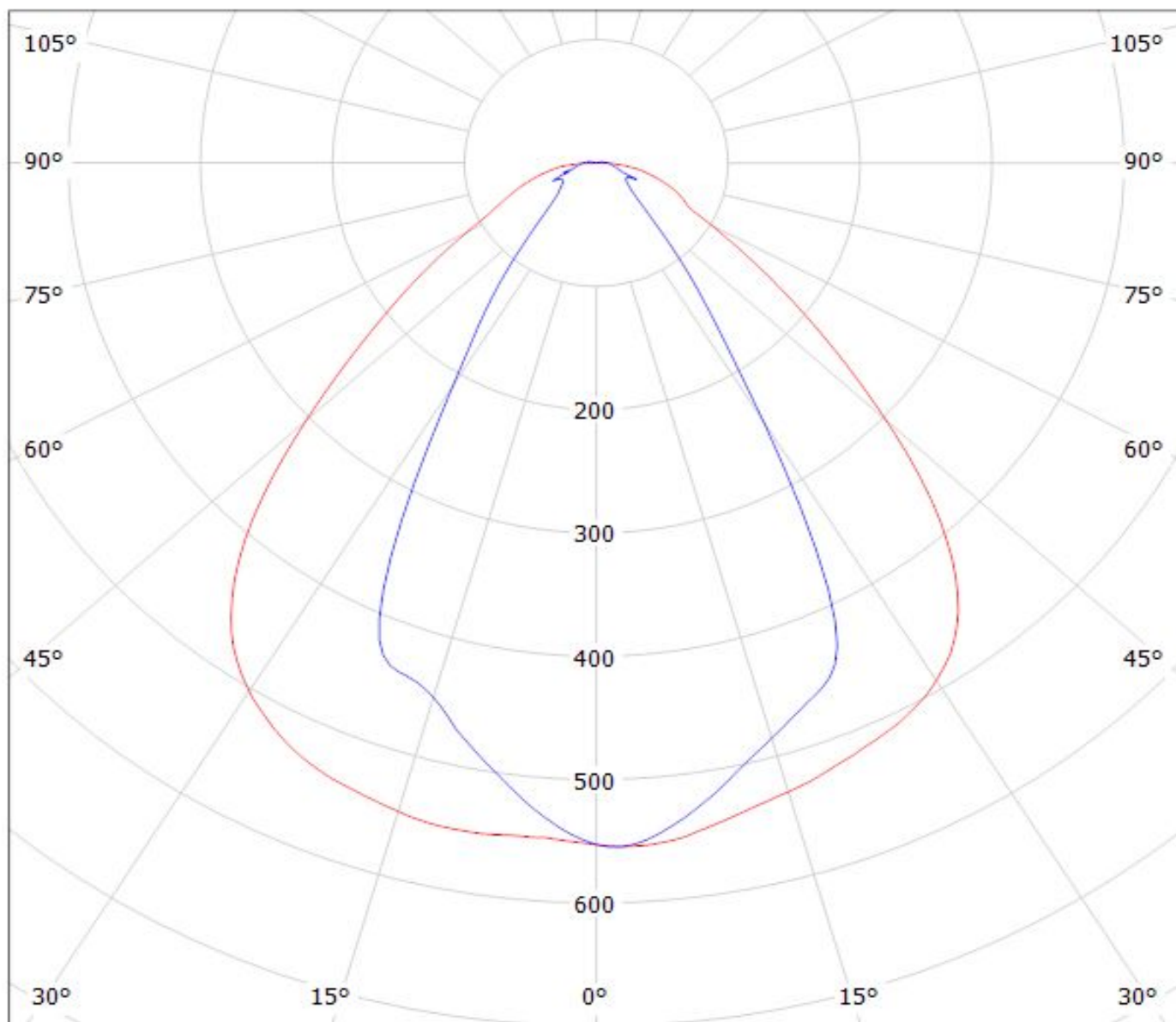
cd/klm

— C0 - C180 — C90 - C270

$\eta = 85\%$

Luminaire: LEDiL Oy F15524_LINNEA-60_(NFSx757G)

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



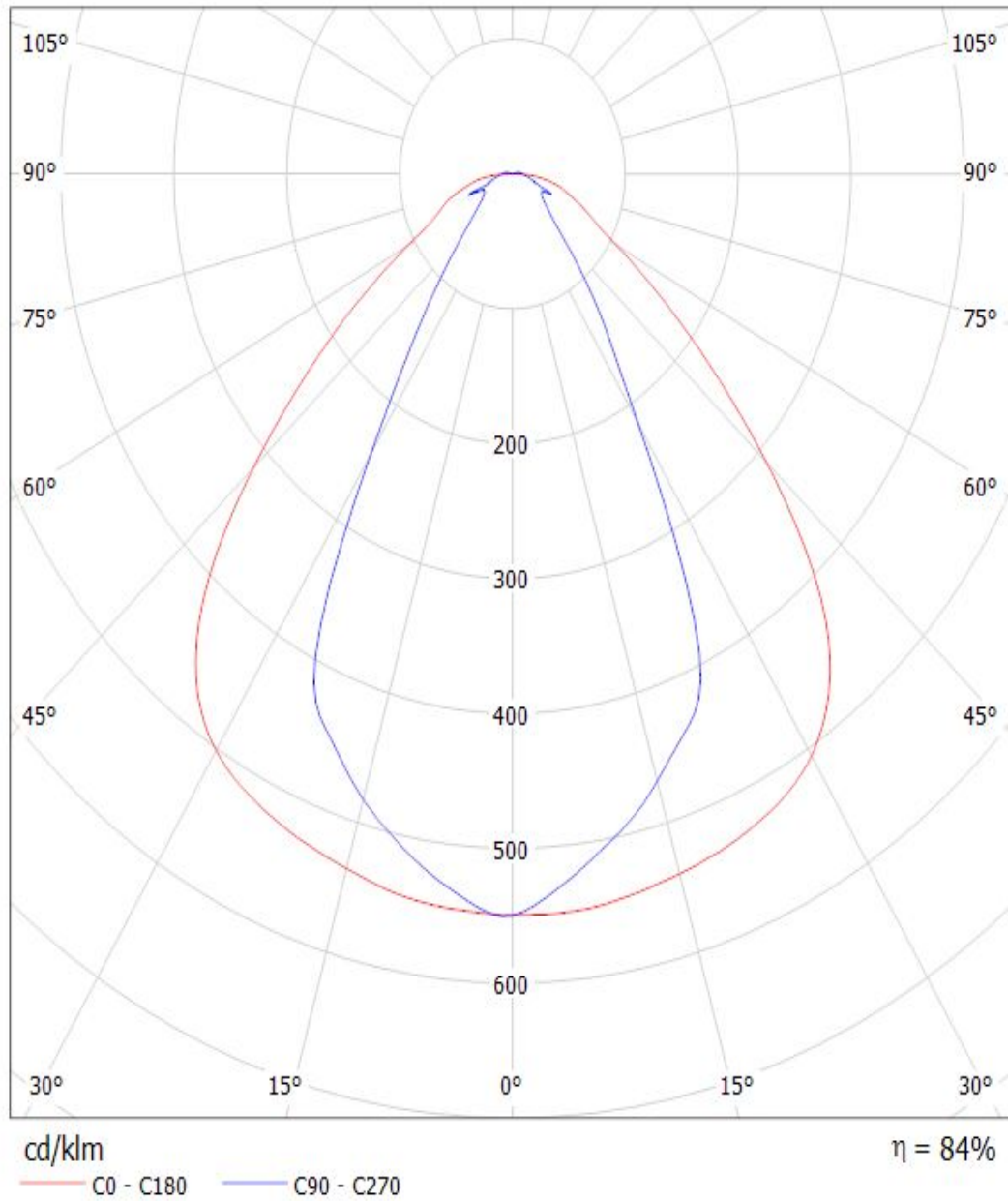
cd/klm

— C0 - C180 — C90 - C270

$\eta = 83\%$

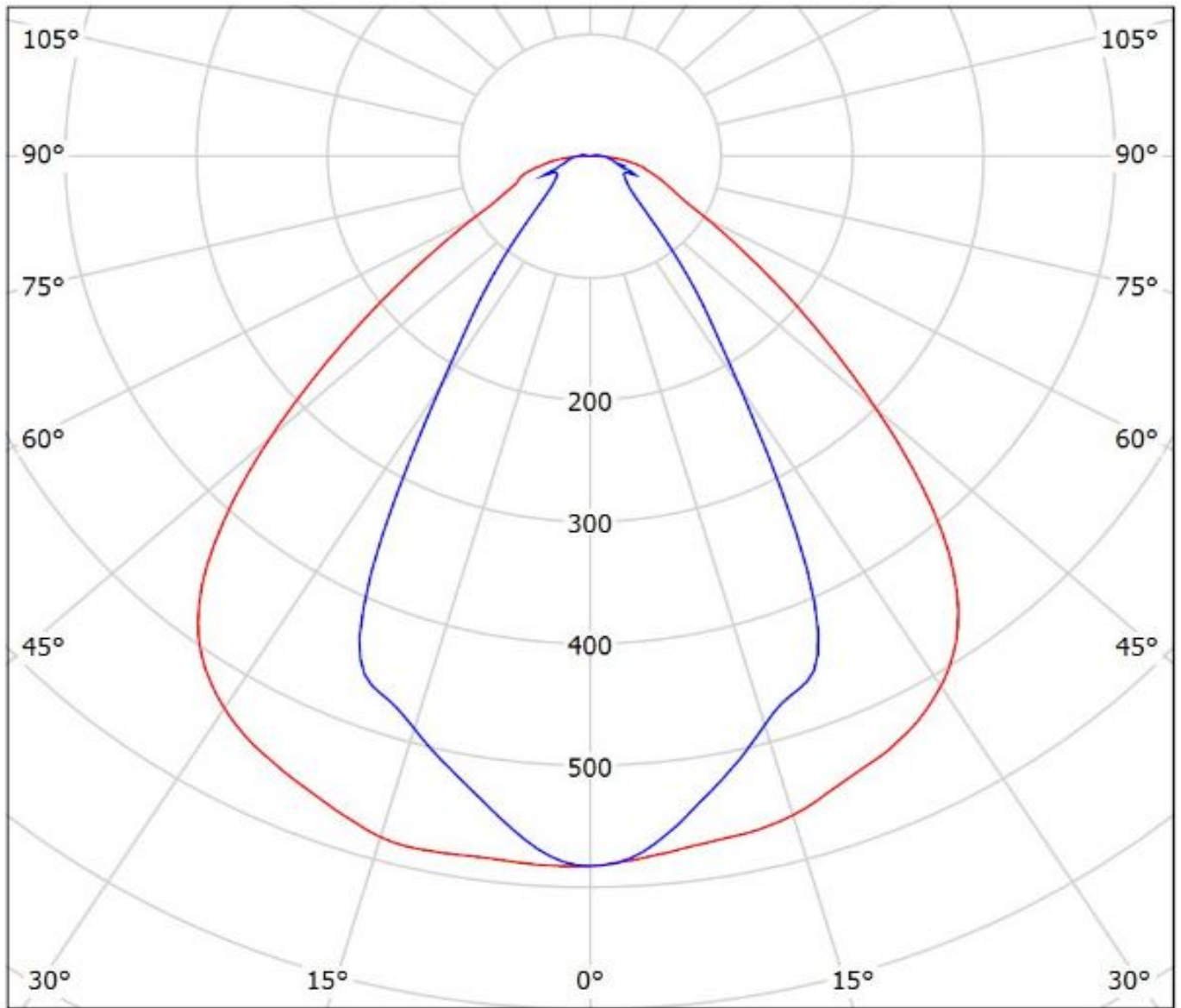
Luminaire: LEDiL Oy F15524_LINNEA-60_(Prevaled_Linear_Slim_1100lm)

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 F15524_LINNEA-60_(Duris_S5)

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



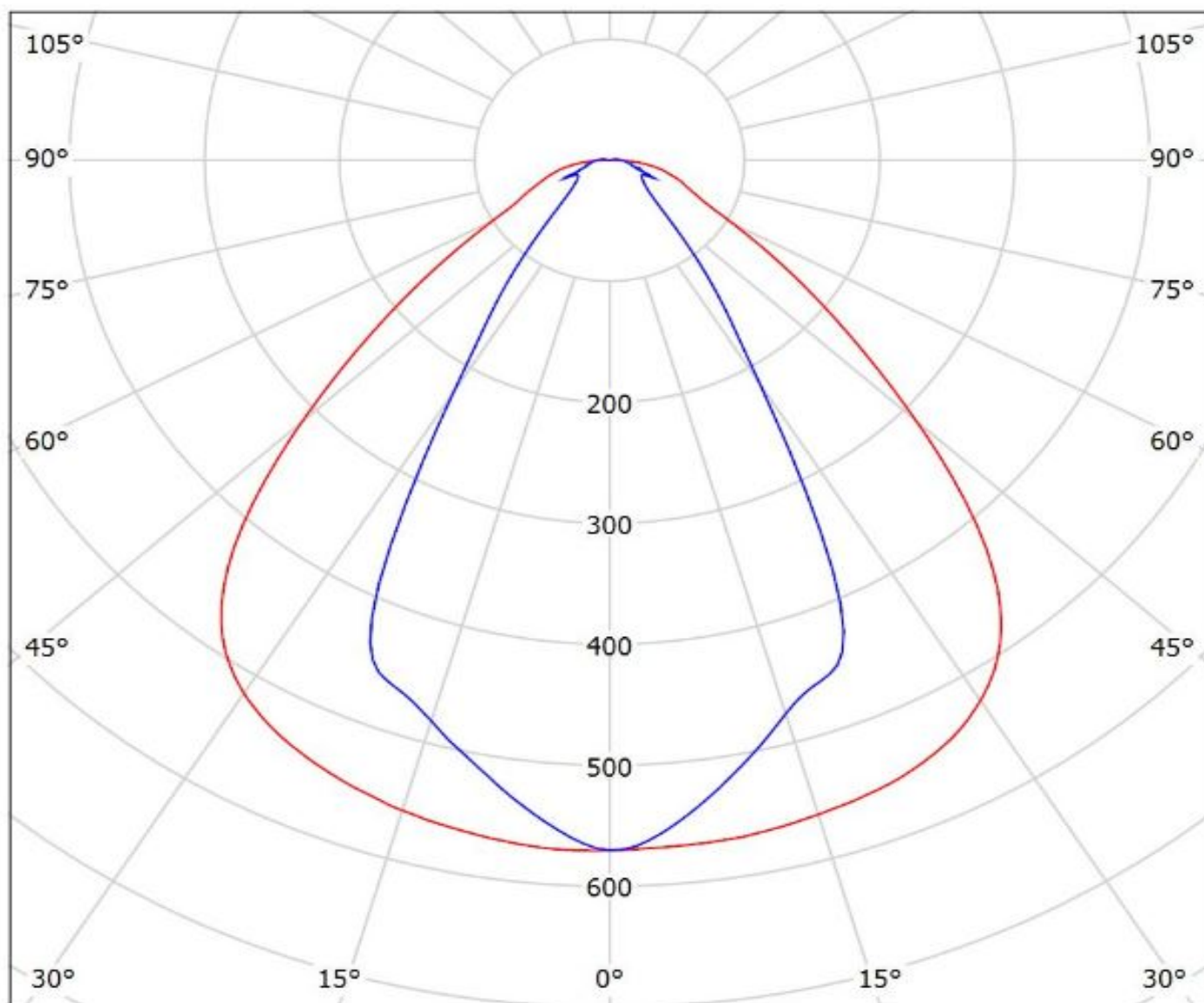
cd/klm

— C0 - C180

— C90 - C270

$\eta = 85\%$

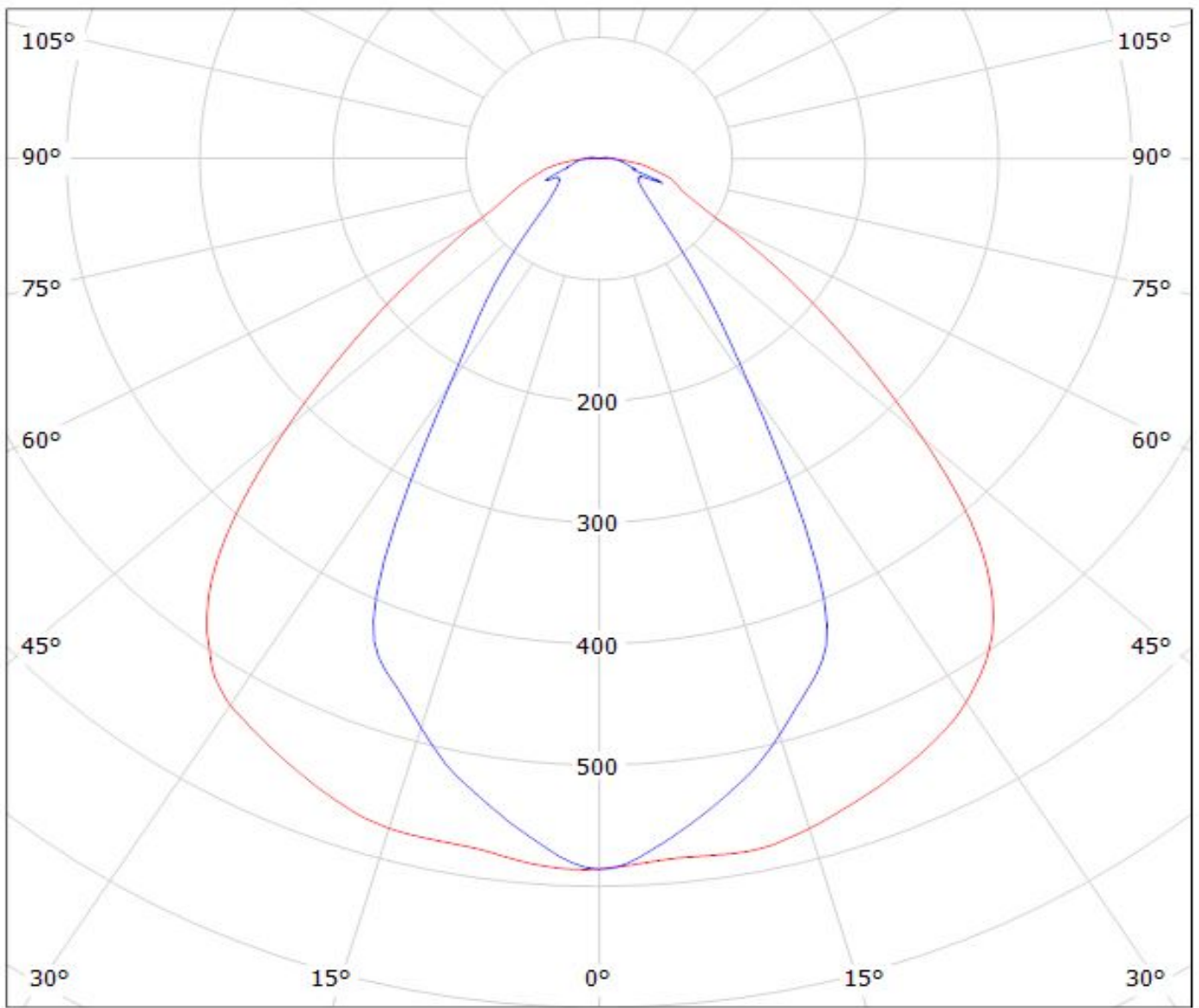
Luminaire: Ledil F15524_LINNEA-60_(Prevaled_Linear_Slim_3)
Lamps: 1 x Osram_Prevaled_Linear_Slim_3_(PL-LIN S-Z3-2000-840-280)
_1949.14lm@300mA_CCT=4000K_P=12.0015W_U=40.179V



cd/klm
— C0 - C180 — C90 - C270

$\eta = 84\%$

Luminaire: LEDiL Oy F15524_LINNEA-60_(Duris_S5_1chip)
Lamps: 1 x Osram_Duris_S5_1chip_(GWPSLM31_EM-GUHQ-A535-1)
_359.255lm@65mA_P=2.13817W_U=33.253V

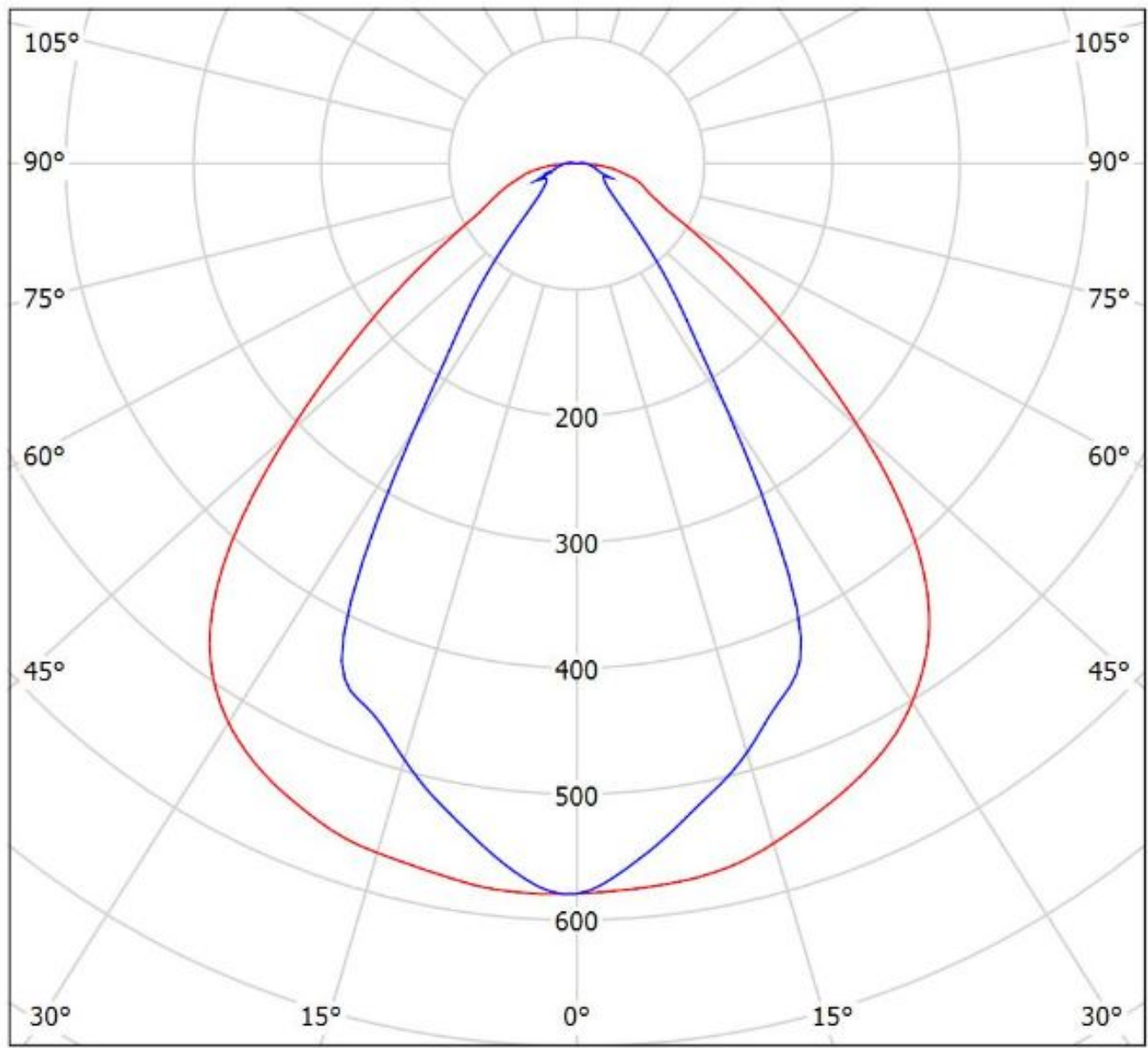


cd/klm

— C0 - C180 — C90 - C270

$\eta = 86\%$

Luminaire: Ledil F15524_LINNEA-60_(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



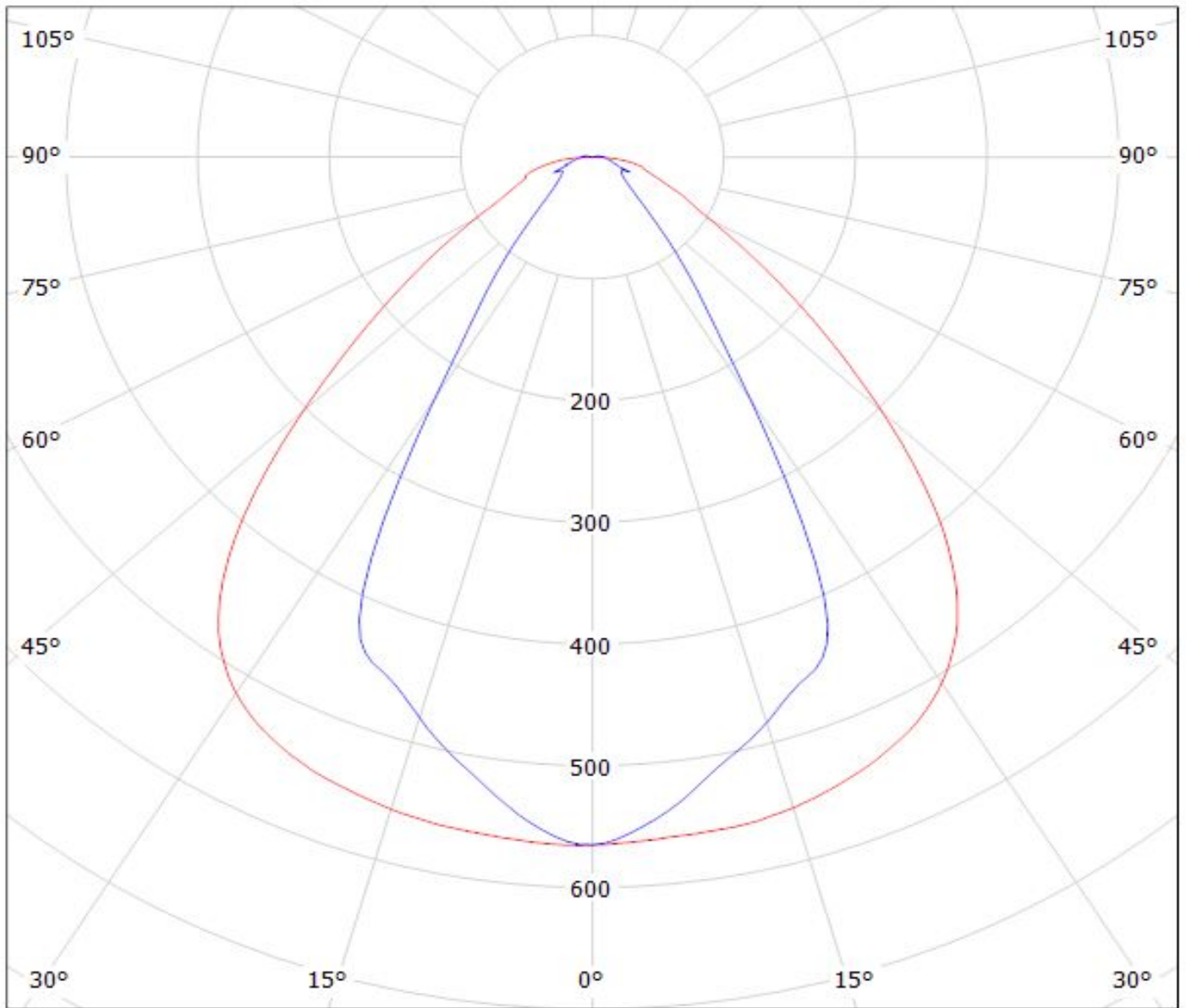
cd/klm

— C0 - C180 — C90 - C270

$\eta = 85\%$

Luminaire: Ledil F15524_LINNEA-60_(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



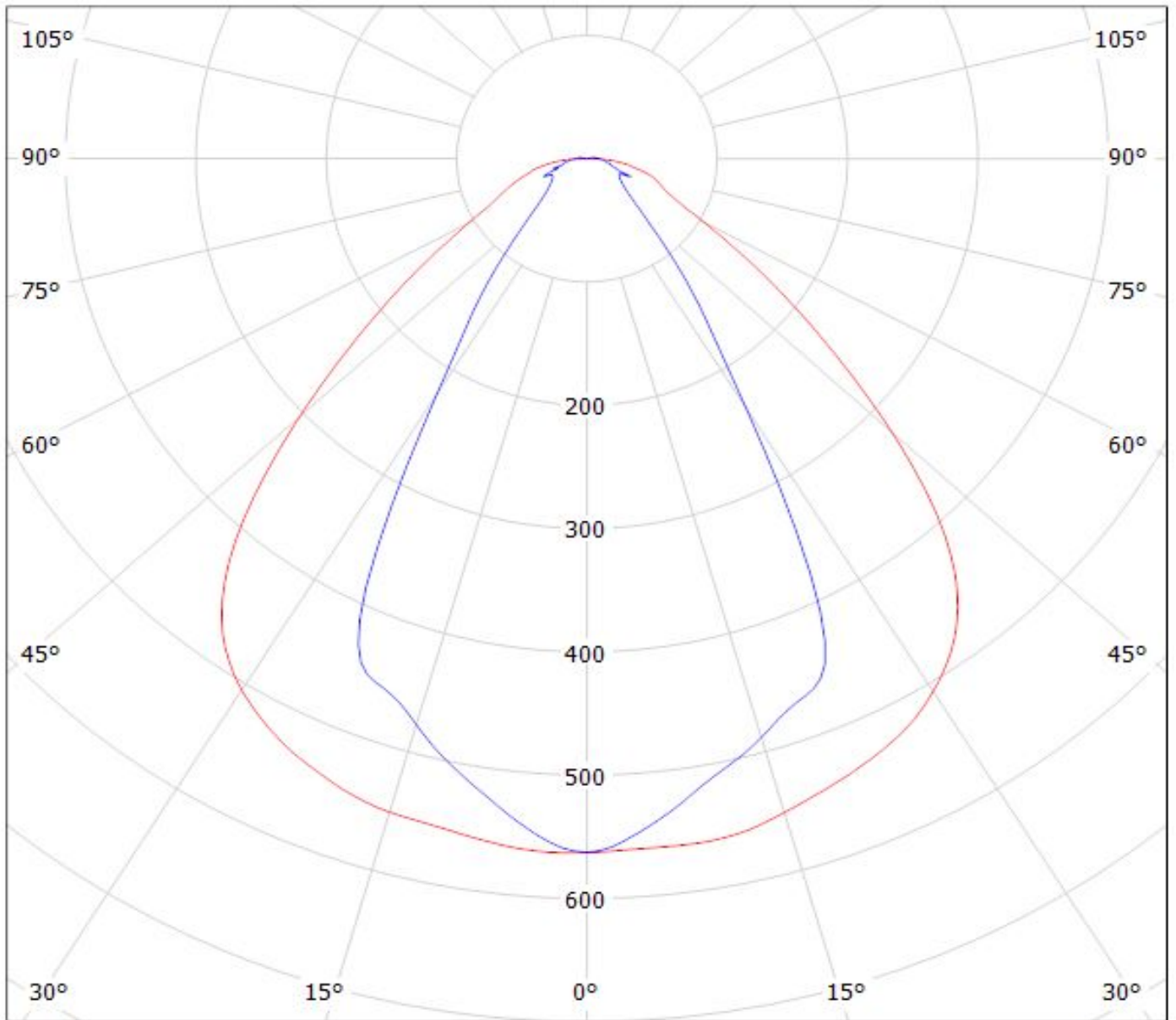
cd/klm

— C0 - C180 — C90 - C270

$\eta = 84\%$

Luminaire: LEDiL Oy F15524_LINNEA-60_(LM561B+)_Cav1

Lamps: 1 x Samsung_LM561B+_1370.33lm@250mA_P=9.1162W_I=0.250A



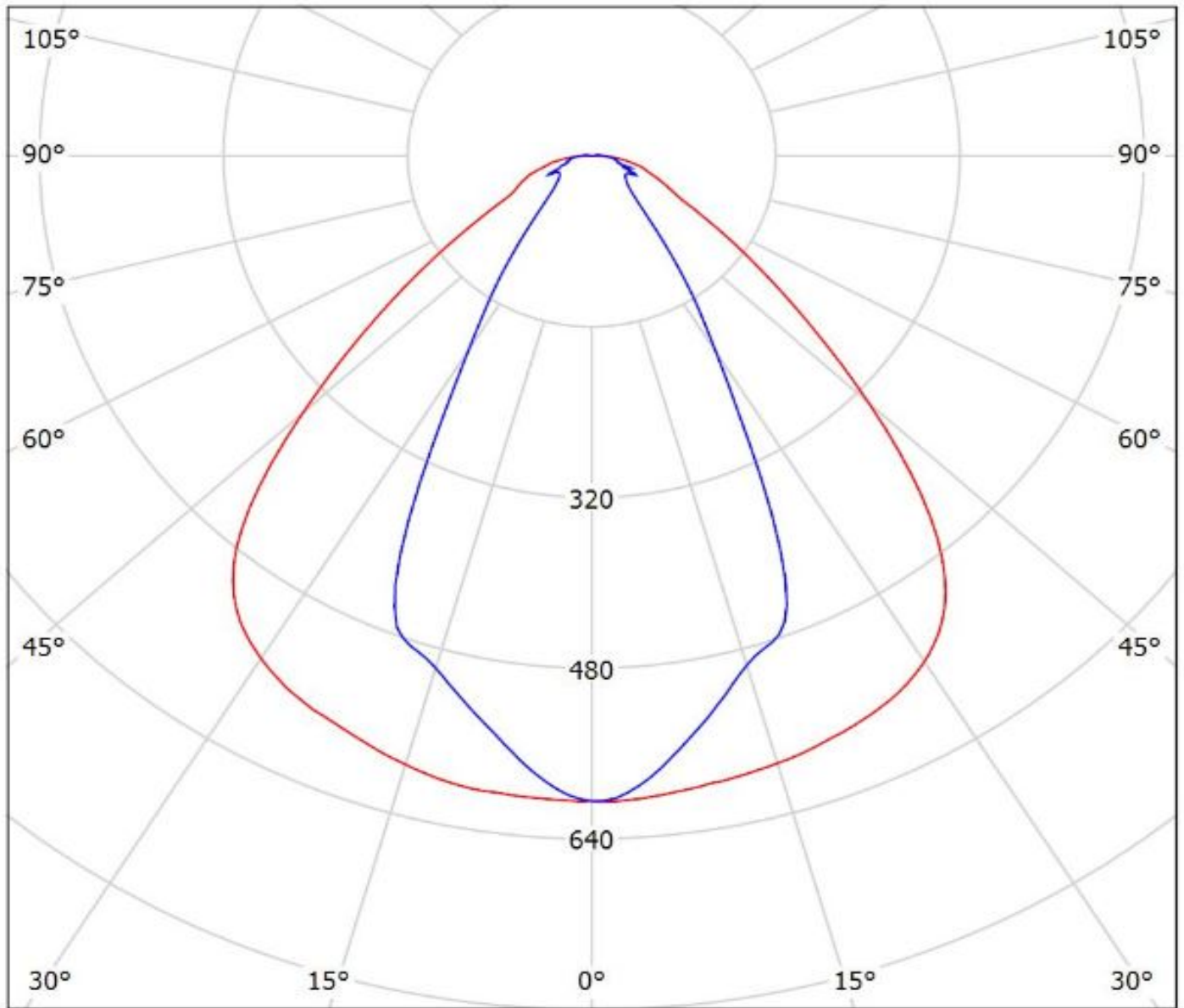
cd/klm

— C0 - C180 — C90 - C270

$\eta = 85\%$

Luminaire: Ledil F15524_LINNEA-60_(LT-V282E)

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



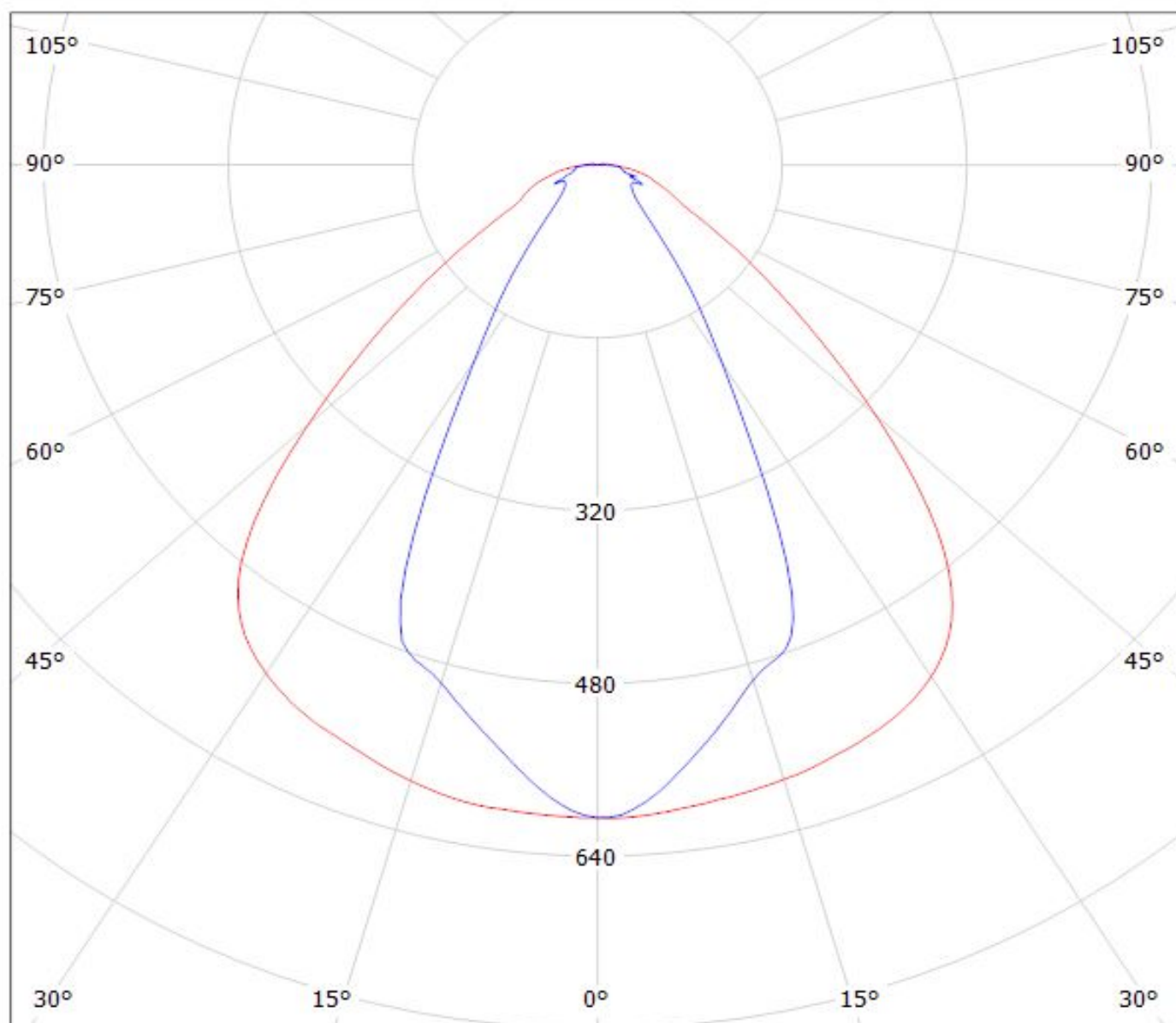
cd/klm

— C0 - C180 — C90 - C270

$\eta = 86\%$

Luminaire: Ledil F15524_LINNEA-60_(LT-V562E)

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



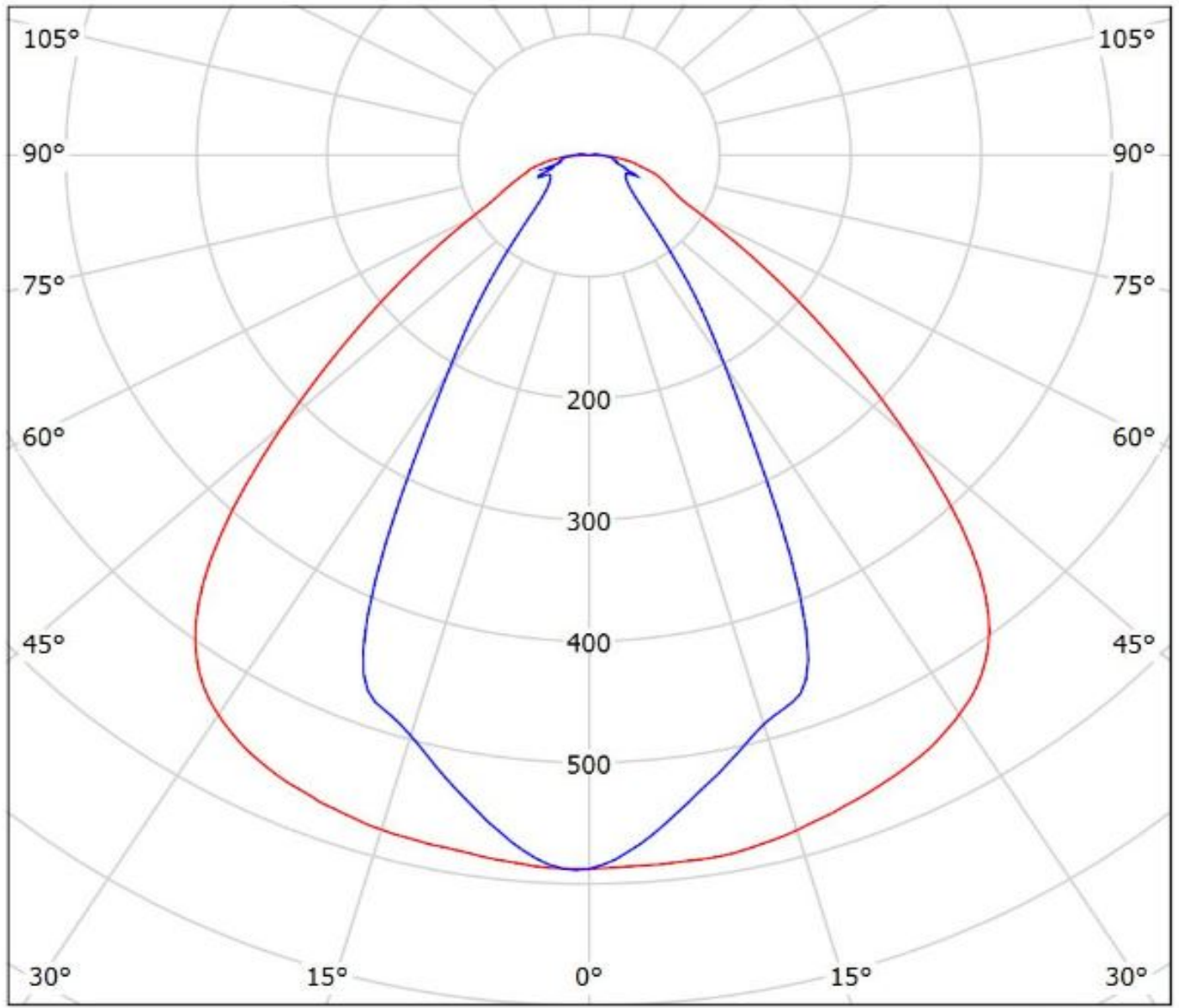
cd/klm

— C0 - C180 — C90 - C270

$\eta = 85\%$

Luminaire: Ledil F15524 LINNEA-60_(LT-H282C)

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



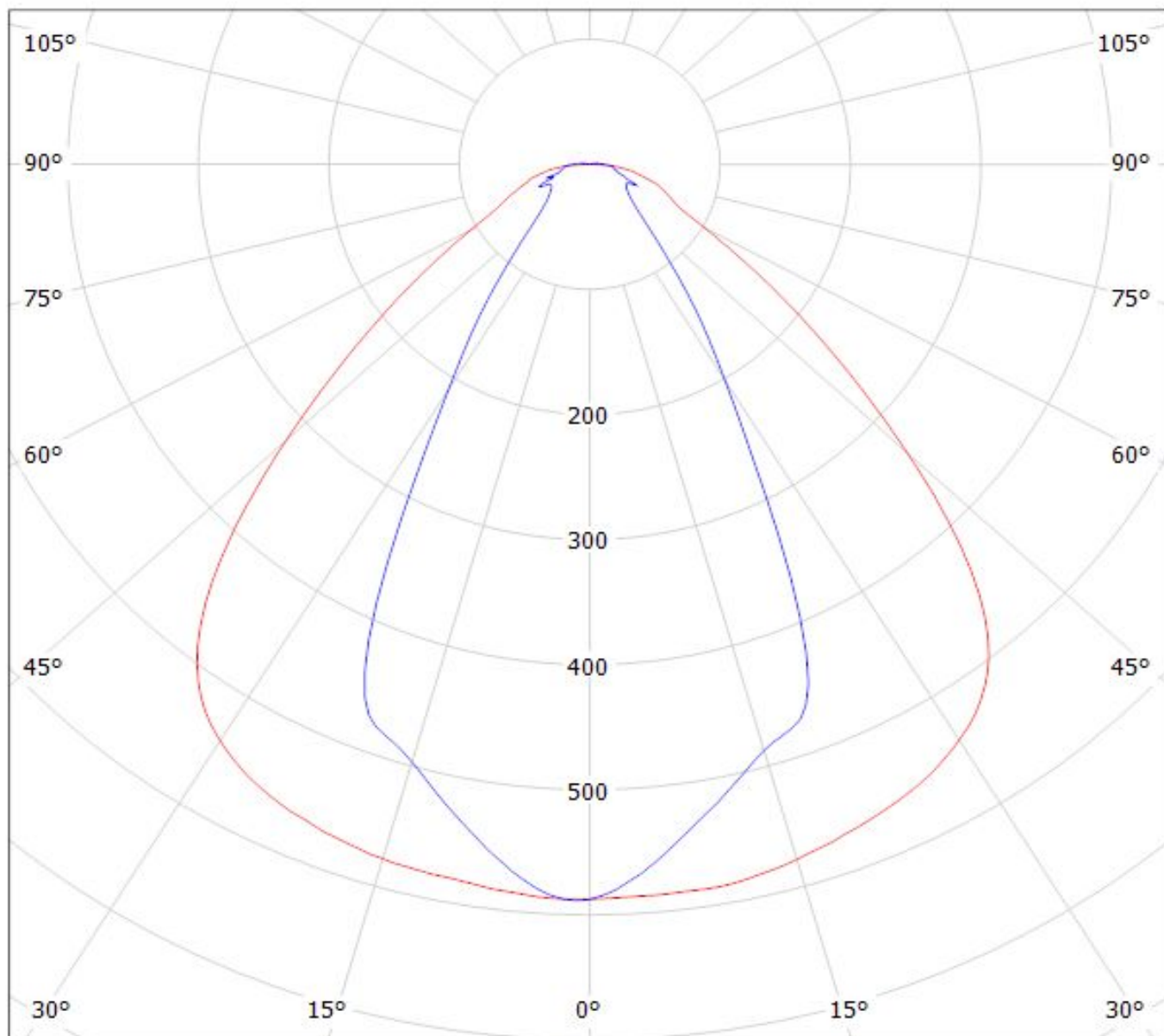
cd/klm

— C0 - C180 — C90 - C270

$\eta = 85\%$

Luminaire: Ledil F15524_LINNEA-60_(LT-H562C)

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



cd/klm

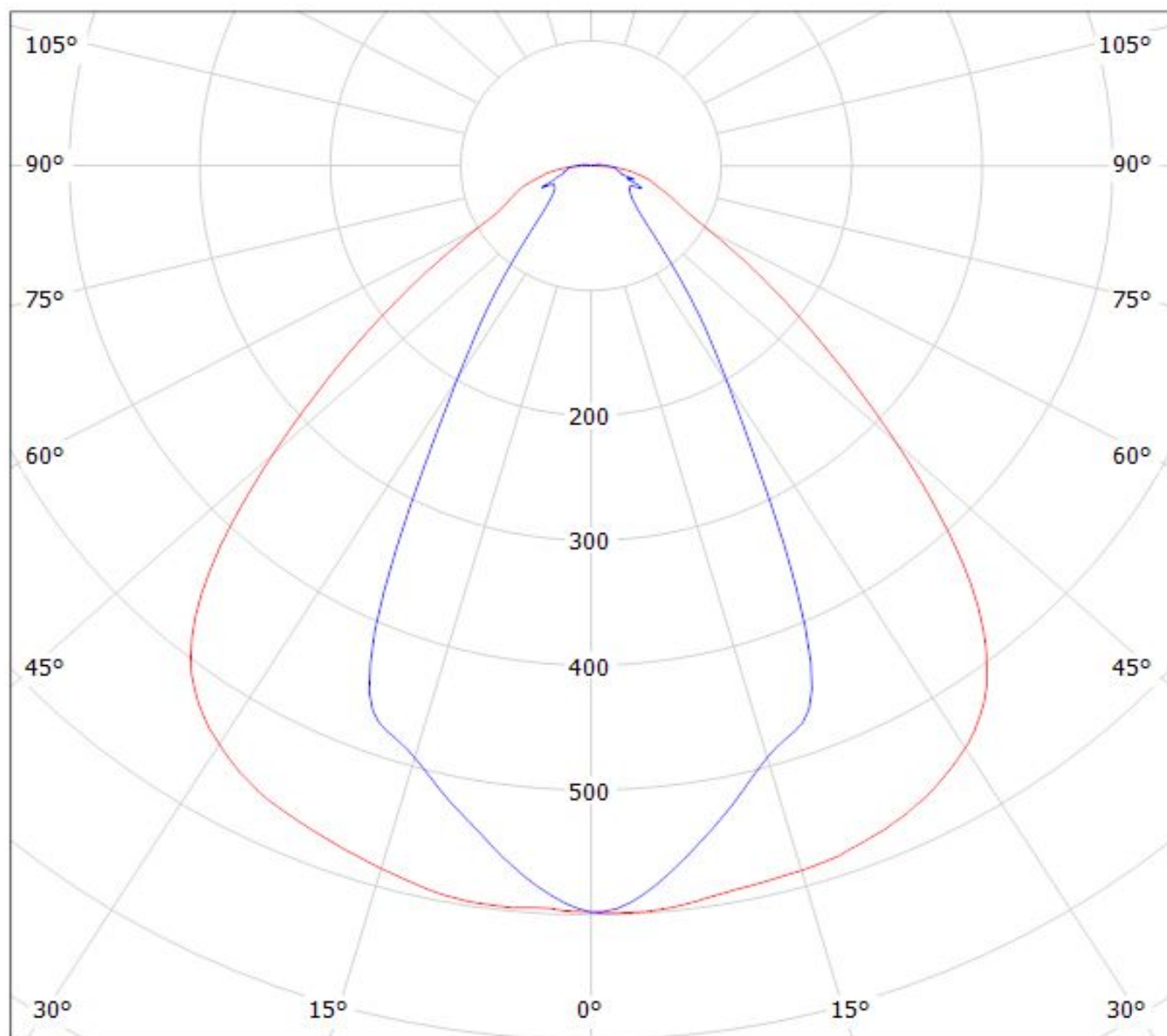
— C0 - C180

— C90 - C270

$\eta = 85\%$

Luminaire: Ledil F15524_LINNEA-60_(LT-S282H)

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



cd/klm

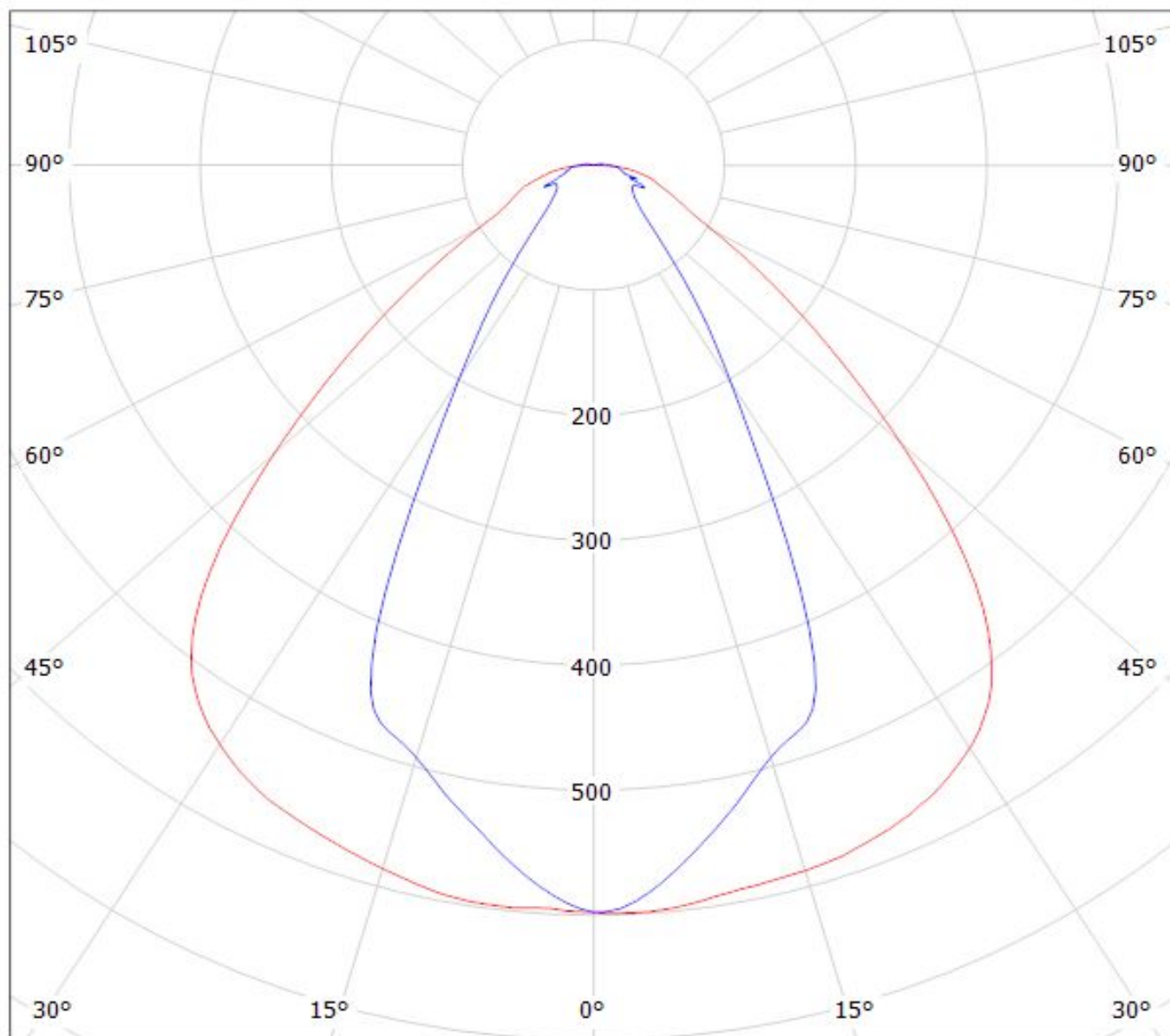
— C0 - C180

— C90 - C270

$\eta = 85\%$

Luminaire: Ledil F15524_LINNEA-60_(LT-S562H)

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



cd/klm

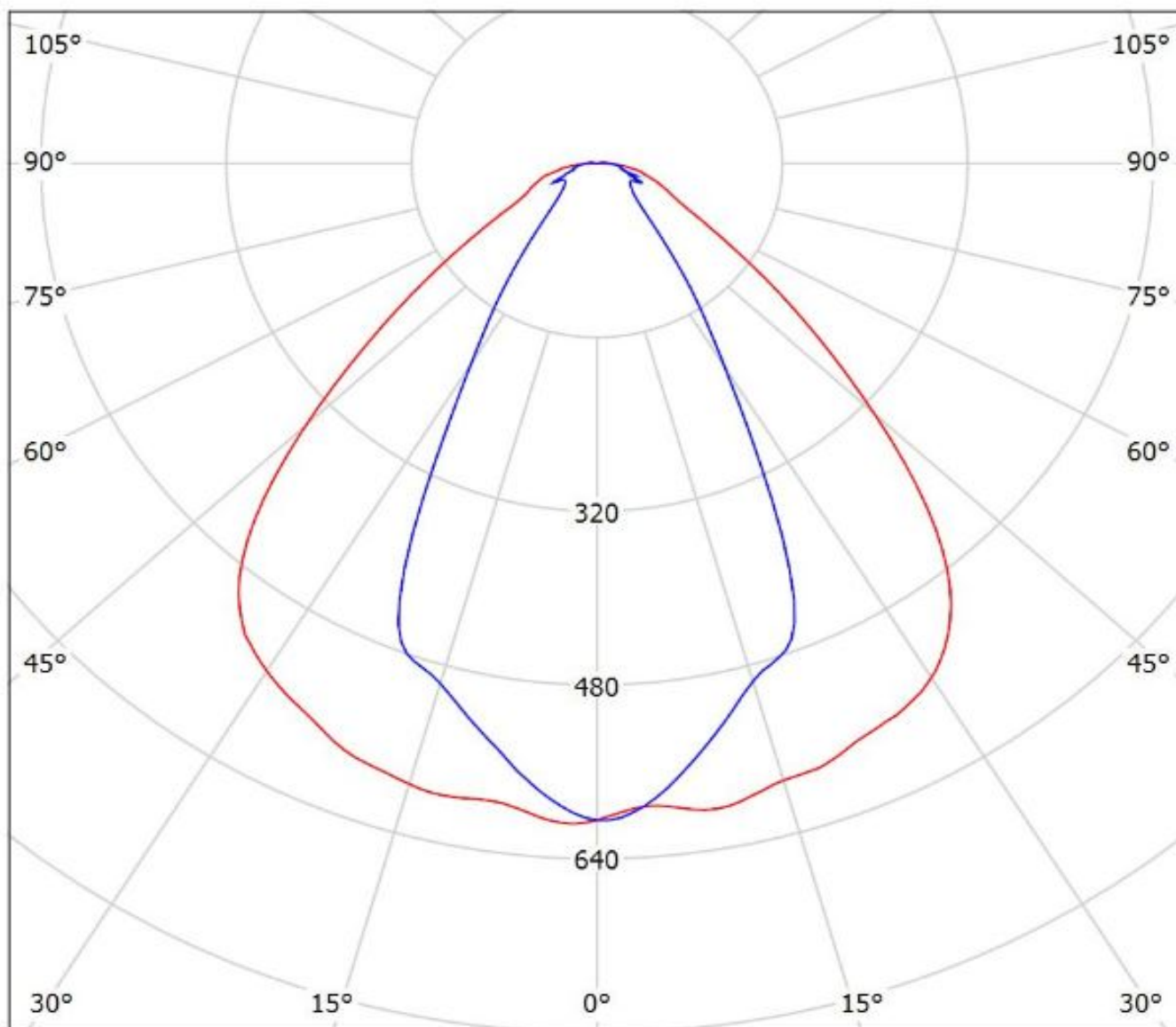
— C0 - C180

— C90 - C270

$\eta = 85\%$

Luminaire: Ledil F15524_LINNEA-60_(LT-Q282B)

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

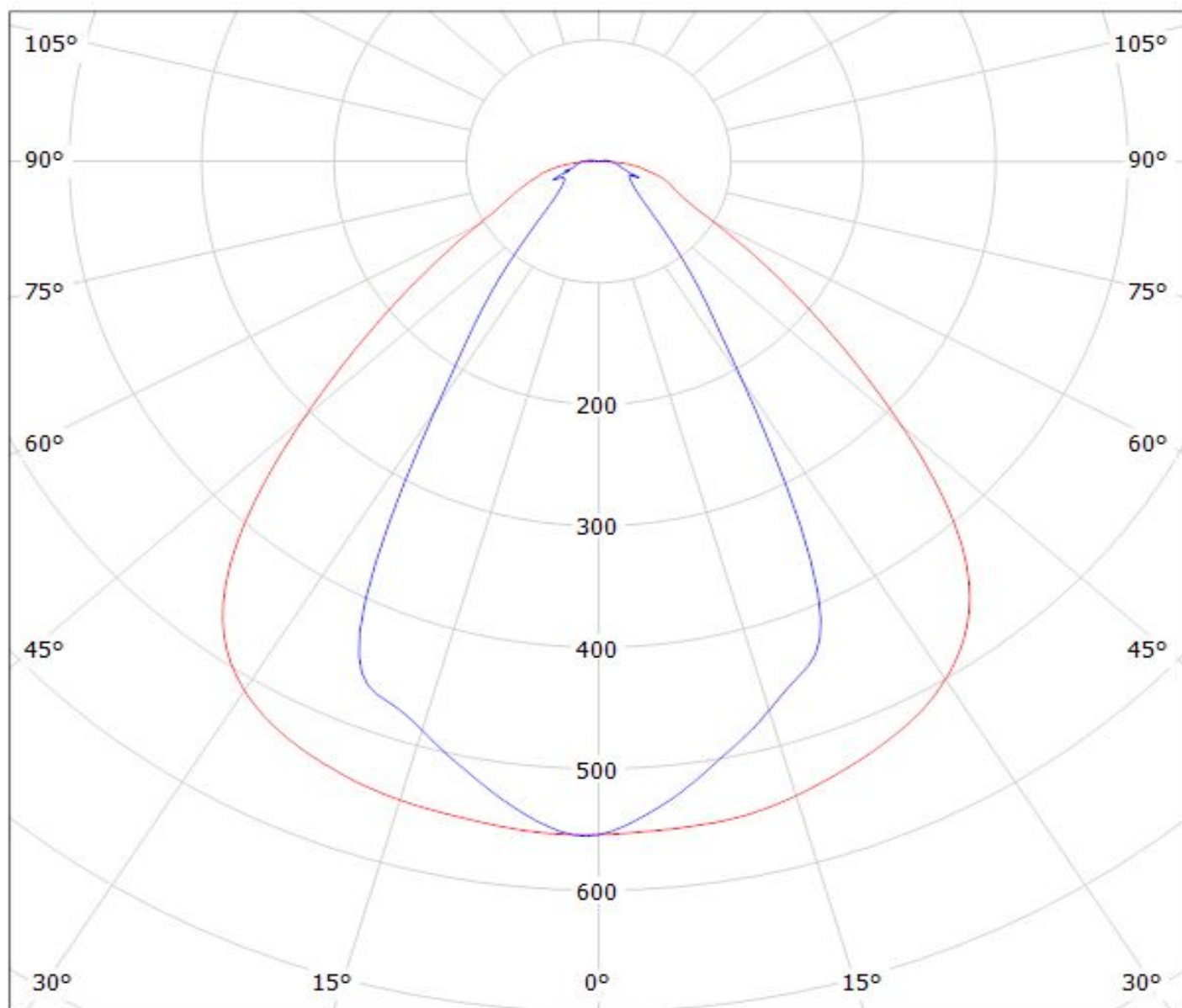


cd/klm

— C0 - C180 — C90 - C270

$\eta = 85\%$

Luminaire: LEDiL Oy F15524_LINNEA-60_(Seoul_semi_5630D)
Lamps: 1 x Seoul_Semi_5630D_932.657lm@250mA_P=5.68145W_I=0.250A



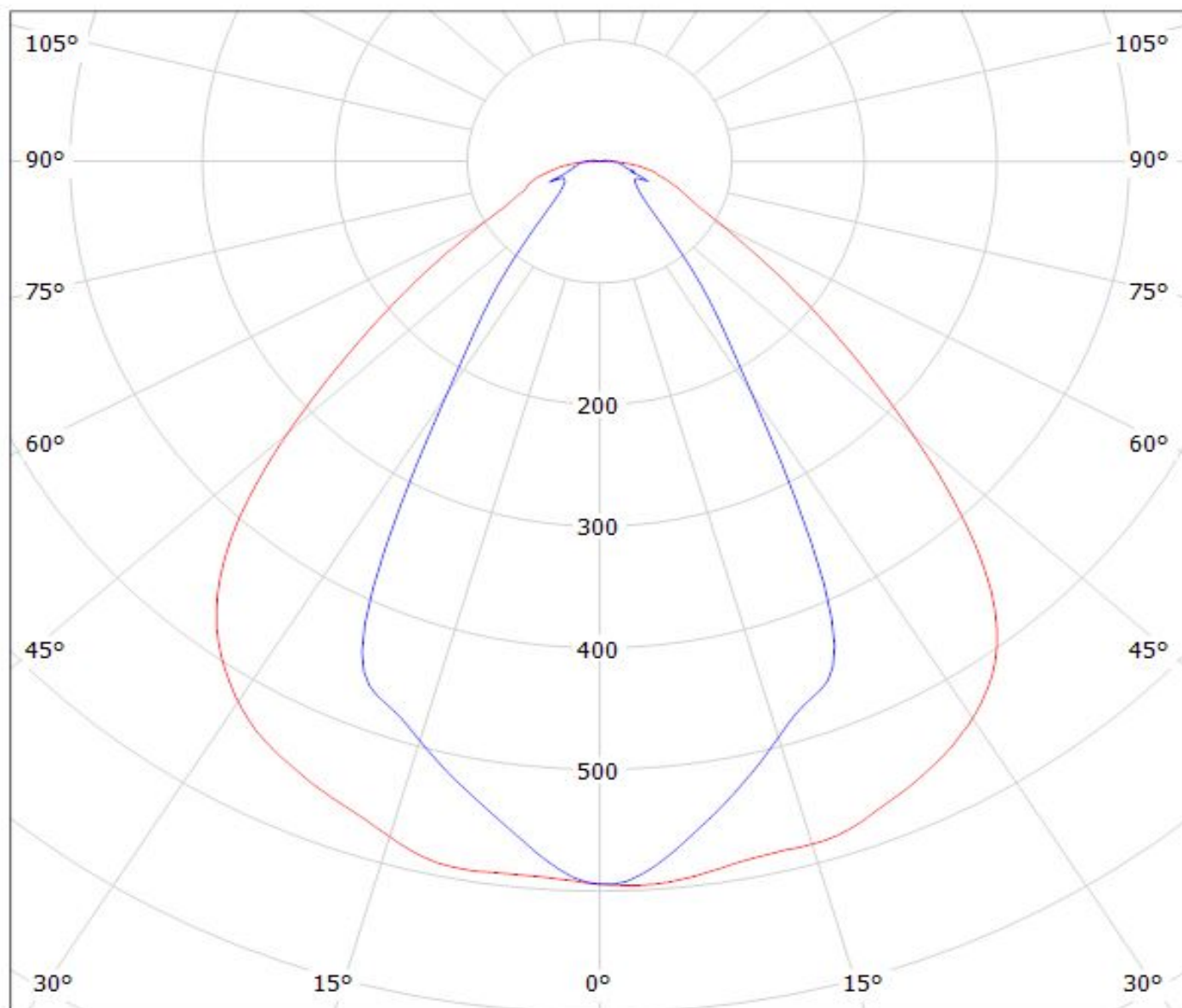
cd/klm

— C0 - C180 — C90 - C270

$\eta = 84\%$

Luminaire: Ledil F15524_LINNEA-60_(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

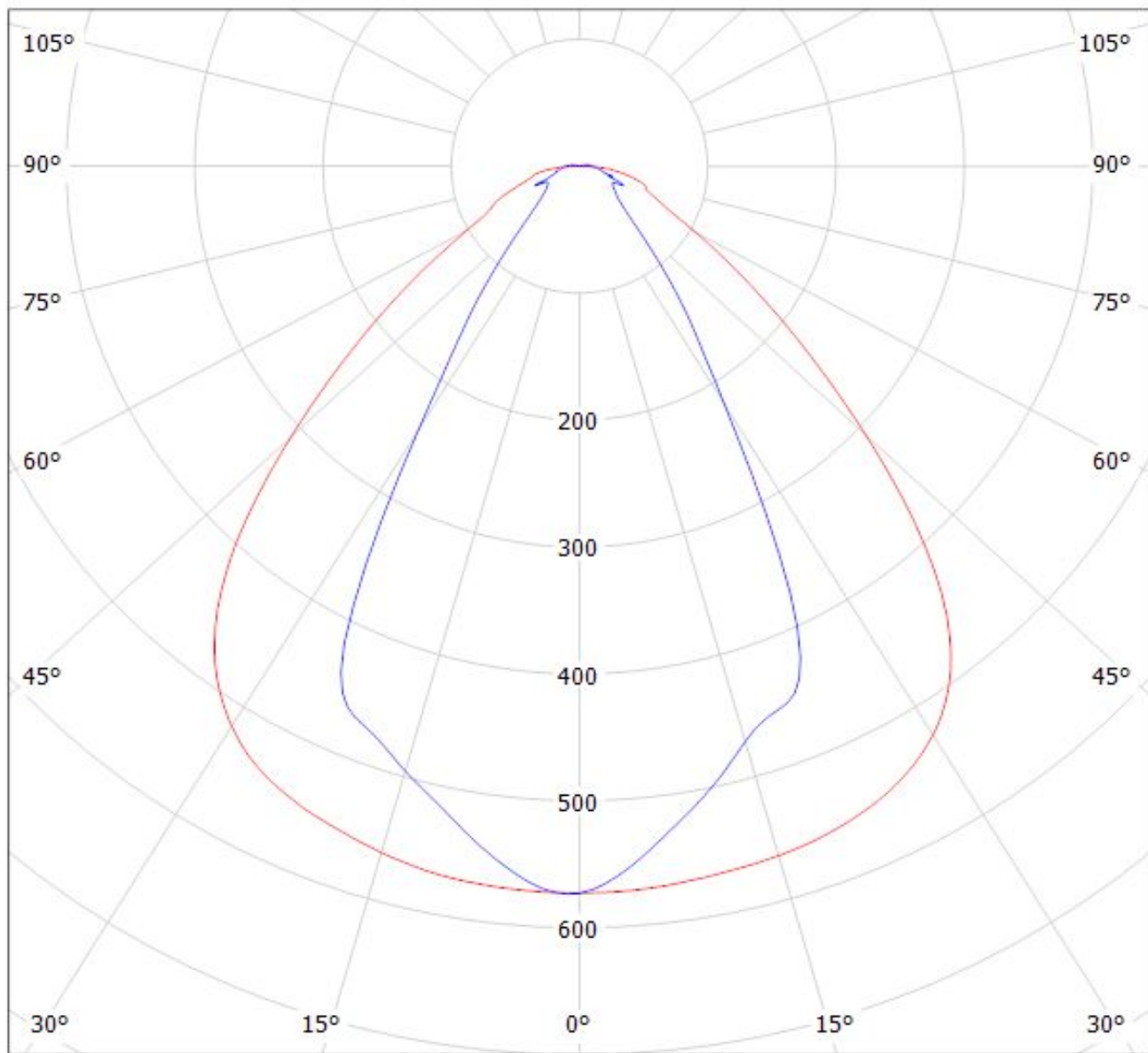
— C90 - C270

$\eta = 86\%$

Luminaire: LEDiL Oy F15524_LINNEA-60_(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



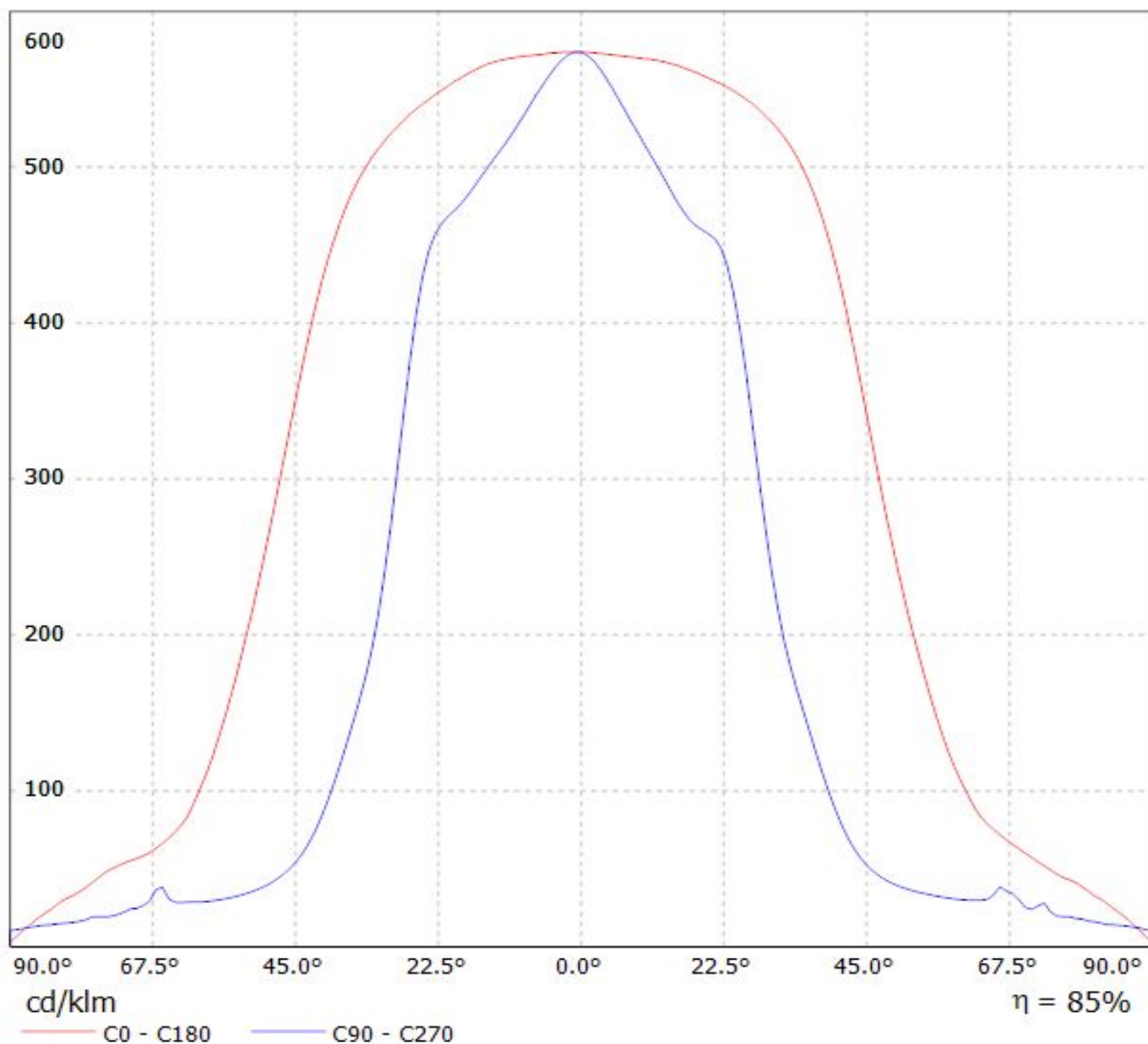
cd/klm

— C0 - C180

— C90 - C270

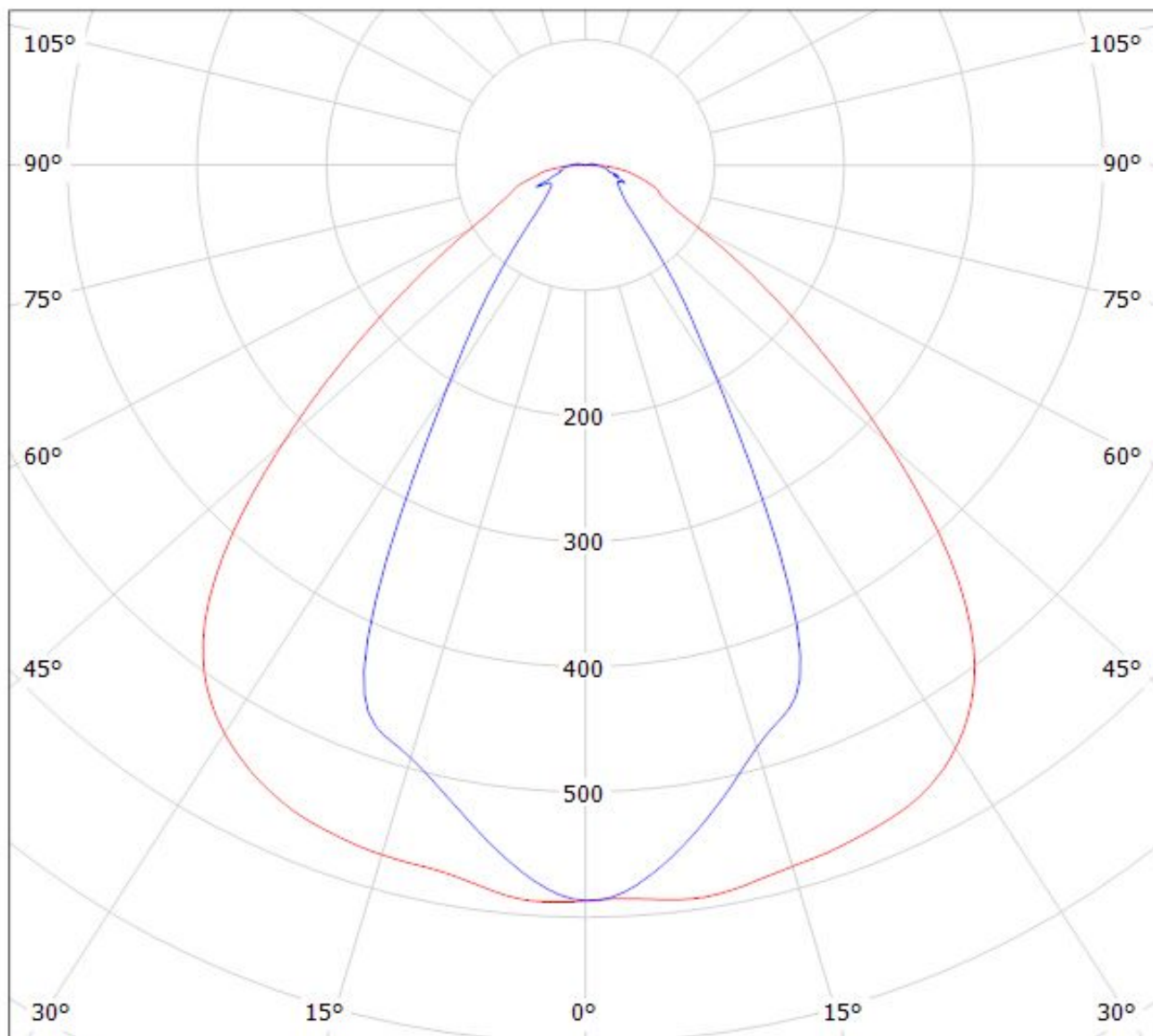
$\eta = 85\%$

Luminaire: Ledil F15524_LINNEA-60_(LLE_G4_24x280mm_1250lm_840_4T_ADV)
Lamps: 1 x Tridonic_(LLE_G4_24x280mm_1250lm_840_4T_ADV)
_971.78lm@250mA_CCT=4000K_P=5.6355W_U=22.5500V



Luminaire: LEDiL Oy F15524_LINNEA-60_(CALOSNU405-M7W1)

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



cd/klm

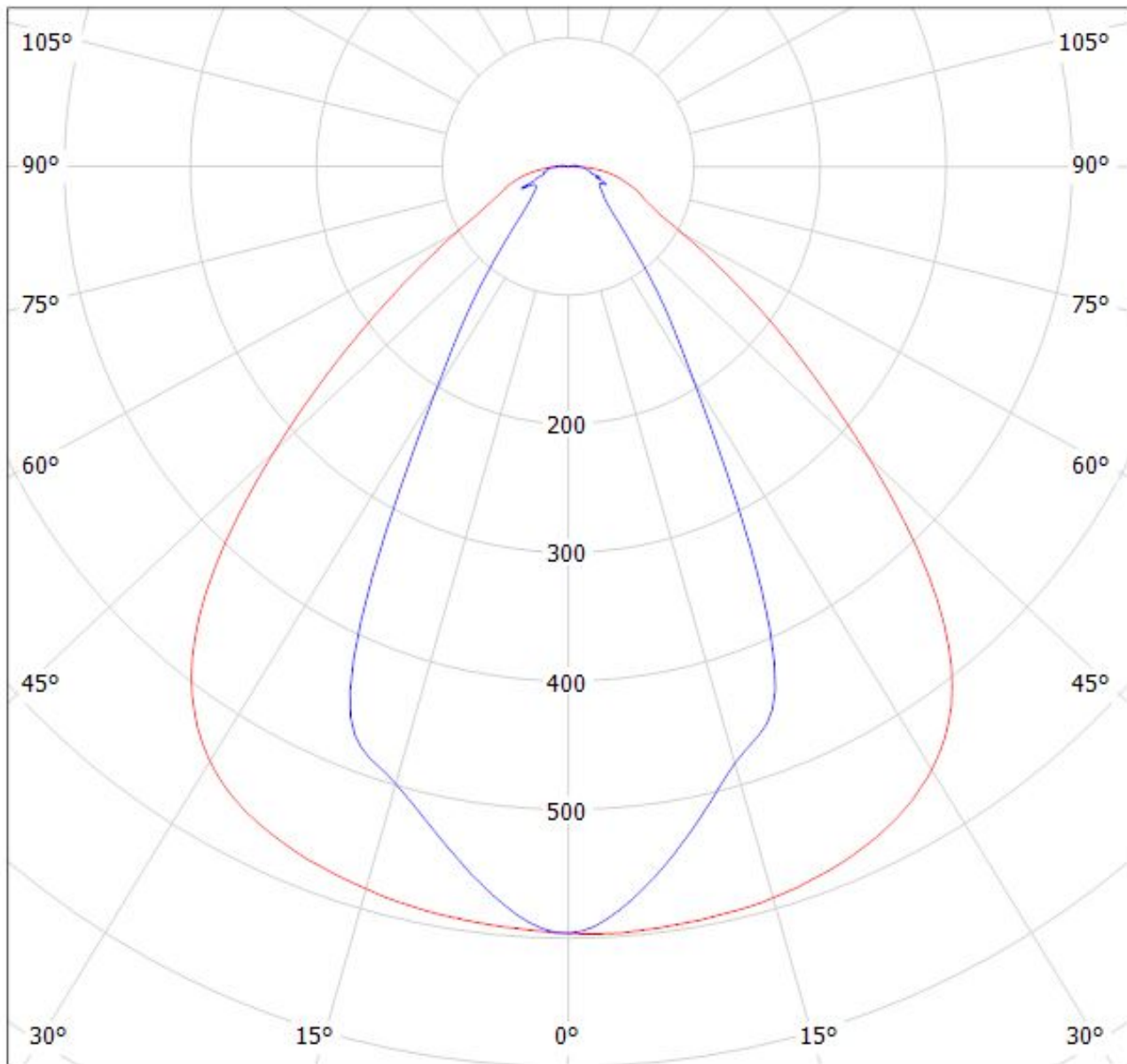
— C0 - C180

— C90 - C270

$\eta = 84\%$

Luminaire: Ledil F15524_LINNEA-60_(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

$\eta = 84\%$

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.