

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

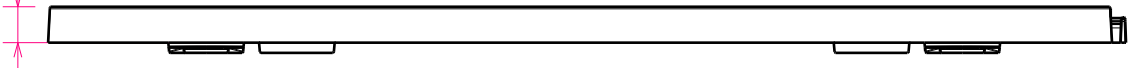
4

3

2

1

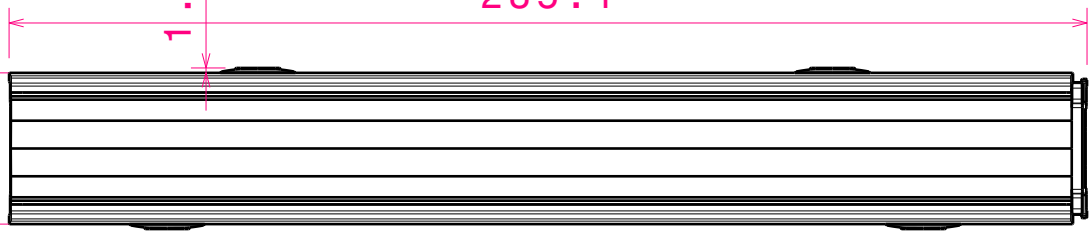
9.5



40

1.28

285.1



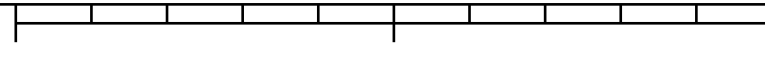
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0.5



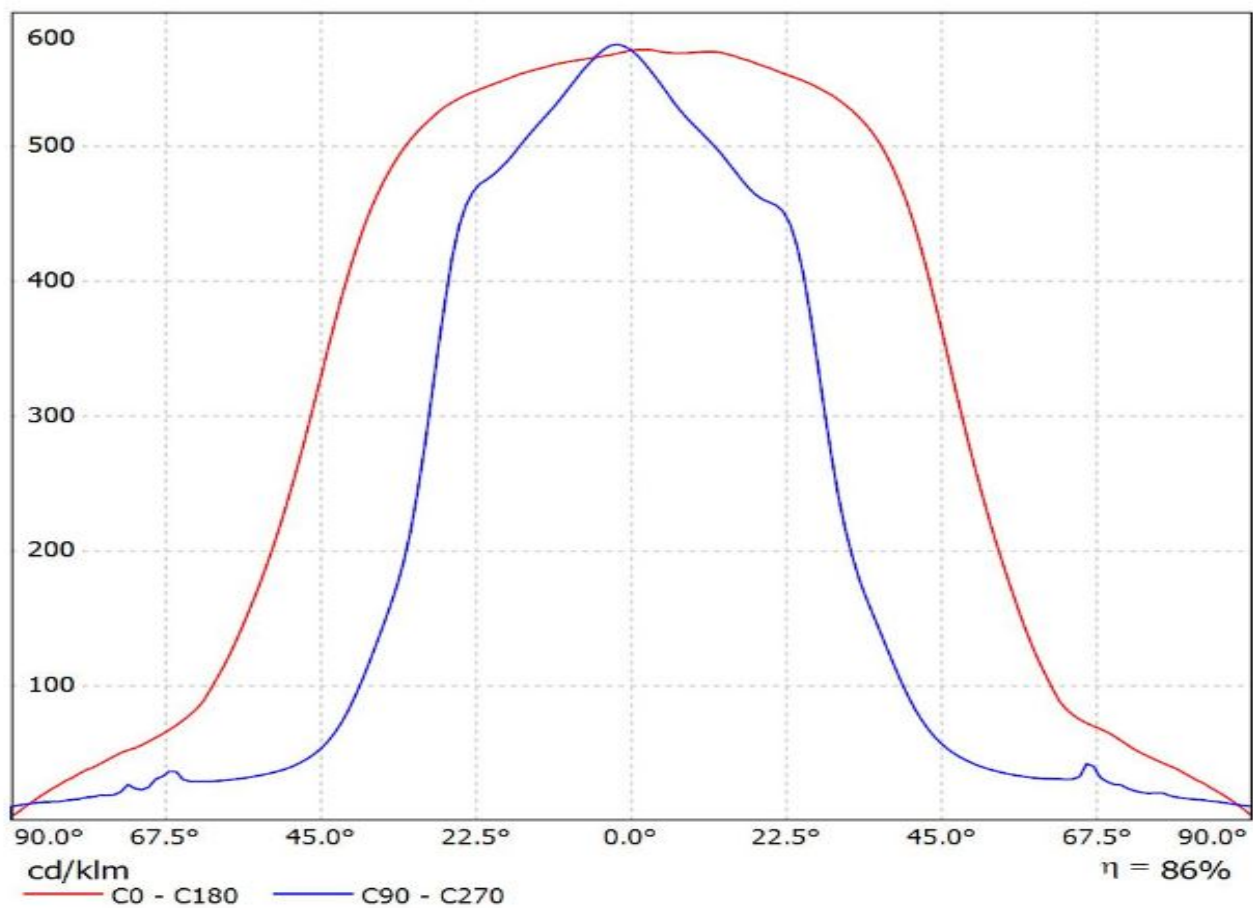
H

G



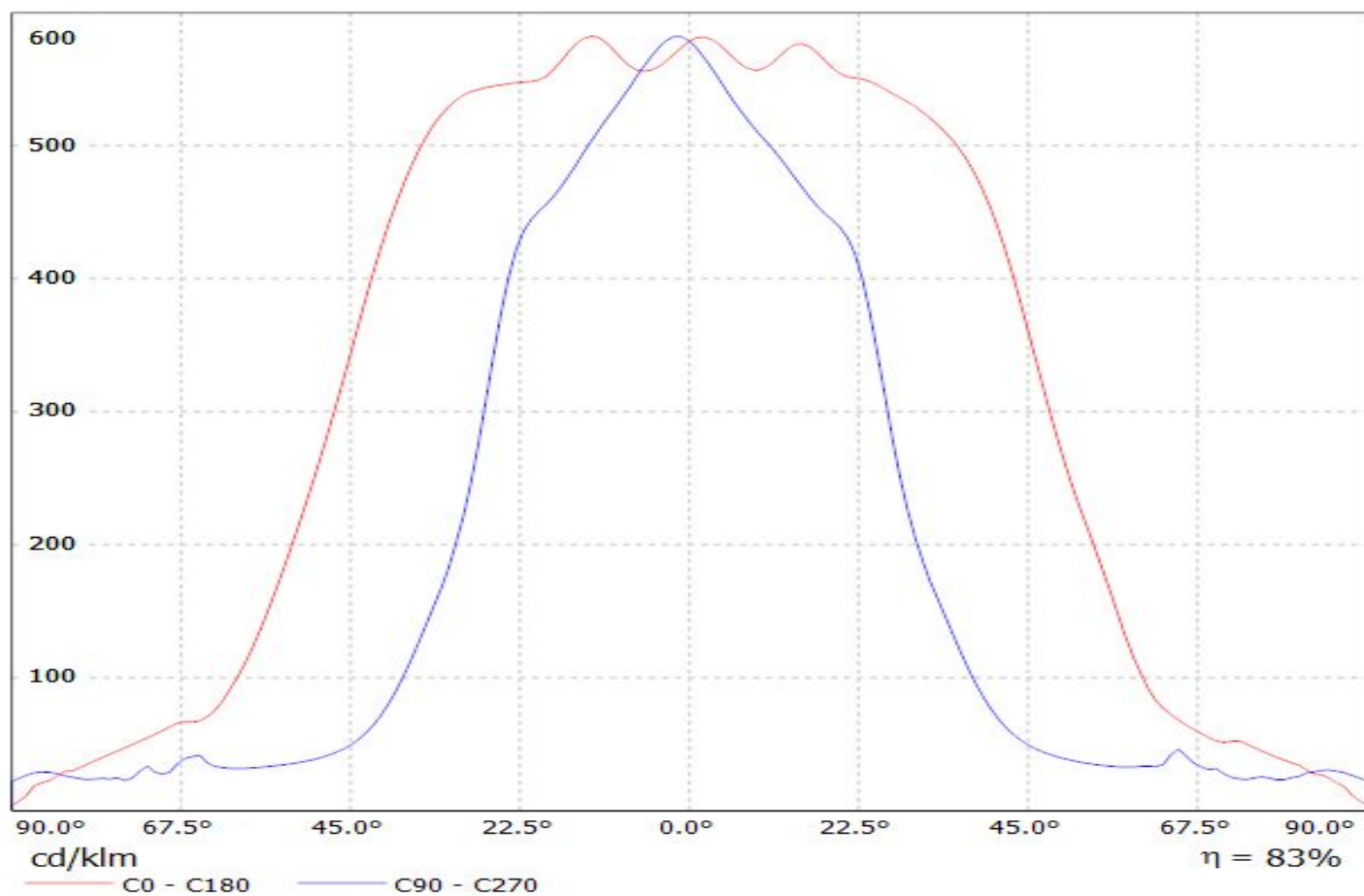
Luminaire: Ledil F15524_LINNEA-60_(Tridino_1ft_1100lm_840HE_1R_HV)

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

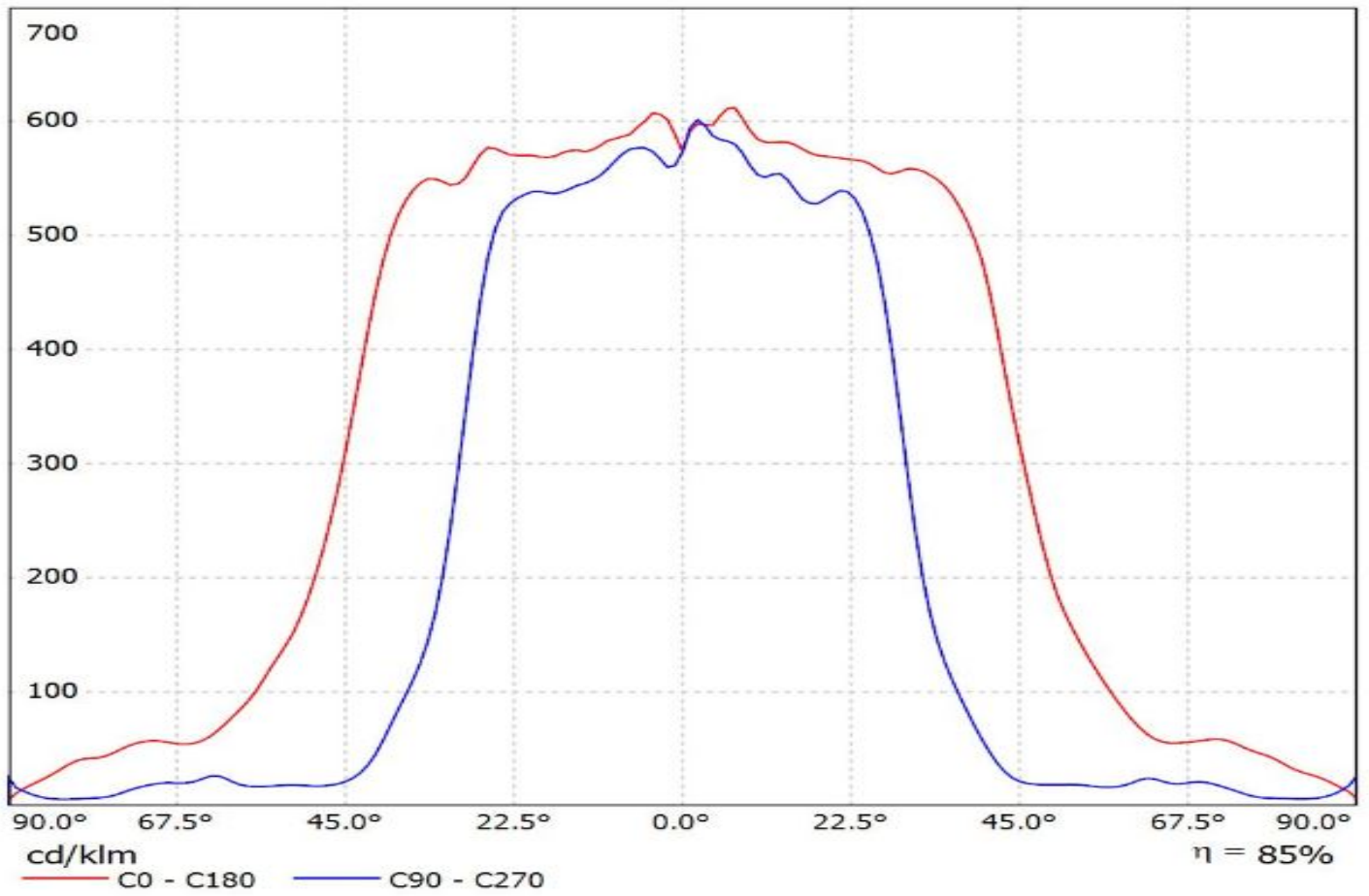


Luminaire: LEDiL Oy F15524_LINNEA-60_(XP-E)

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

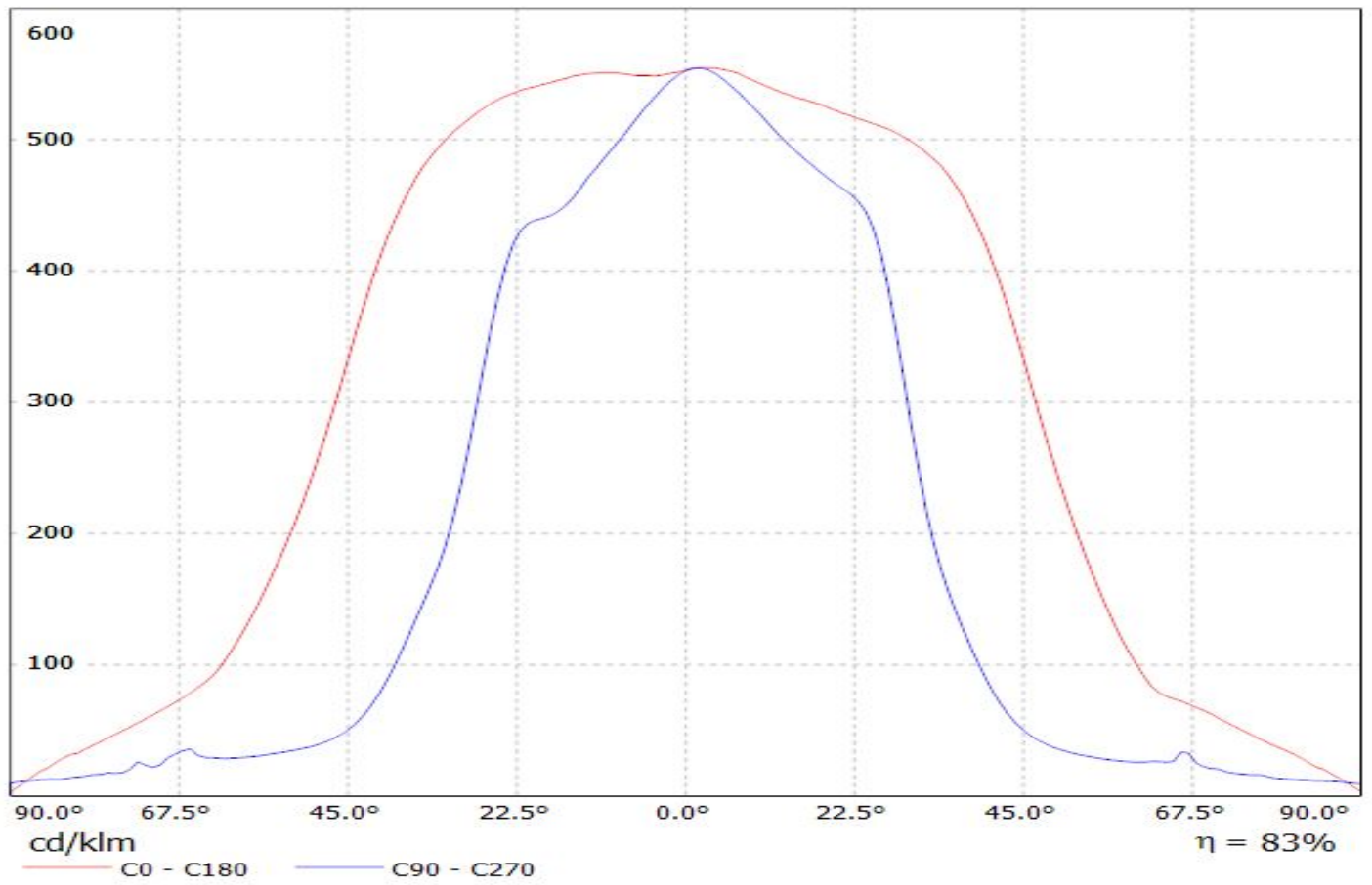


Luminaire: Ledil Oy F15524_LINNEA-60_(NF2W757GR-V1)_SIMULATED
Lamps: 1 x Nichia NF2W757GR-V1



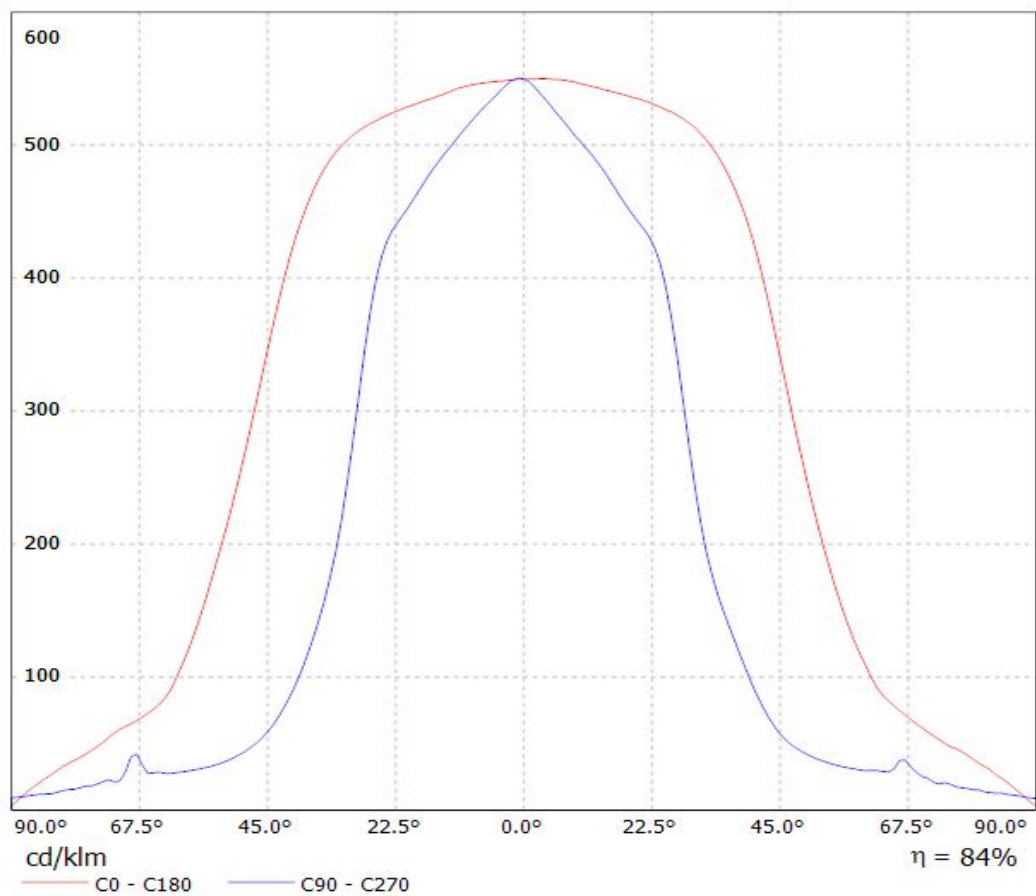
Luminaire: LEDiL Oy F15524_LINNEA-60_(NFSx757G)

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



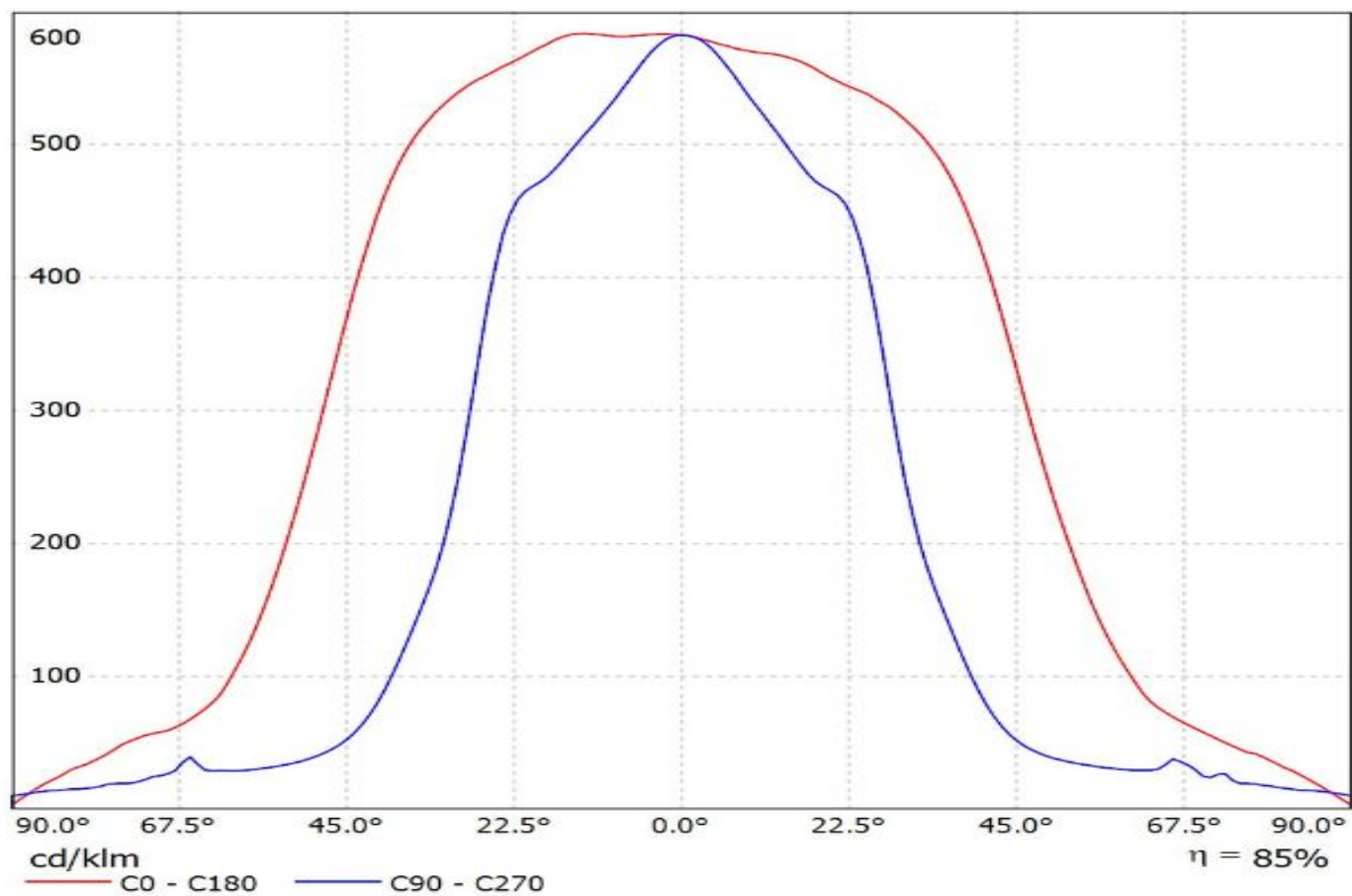
Luminaire: LEDiL Oy F15524_LINNEA-60_(Prevaled_Linear_Slim_1100lm)

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

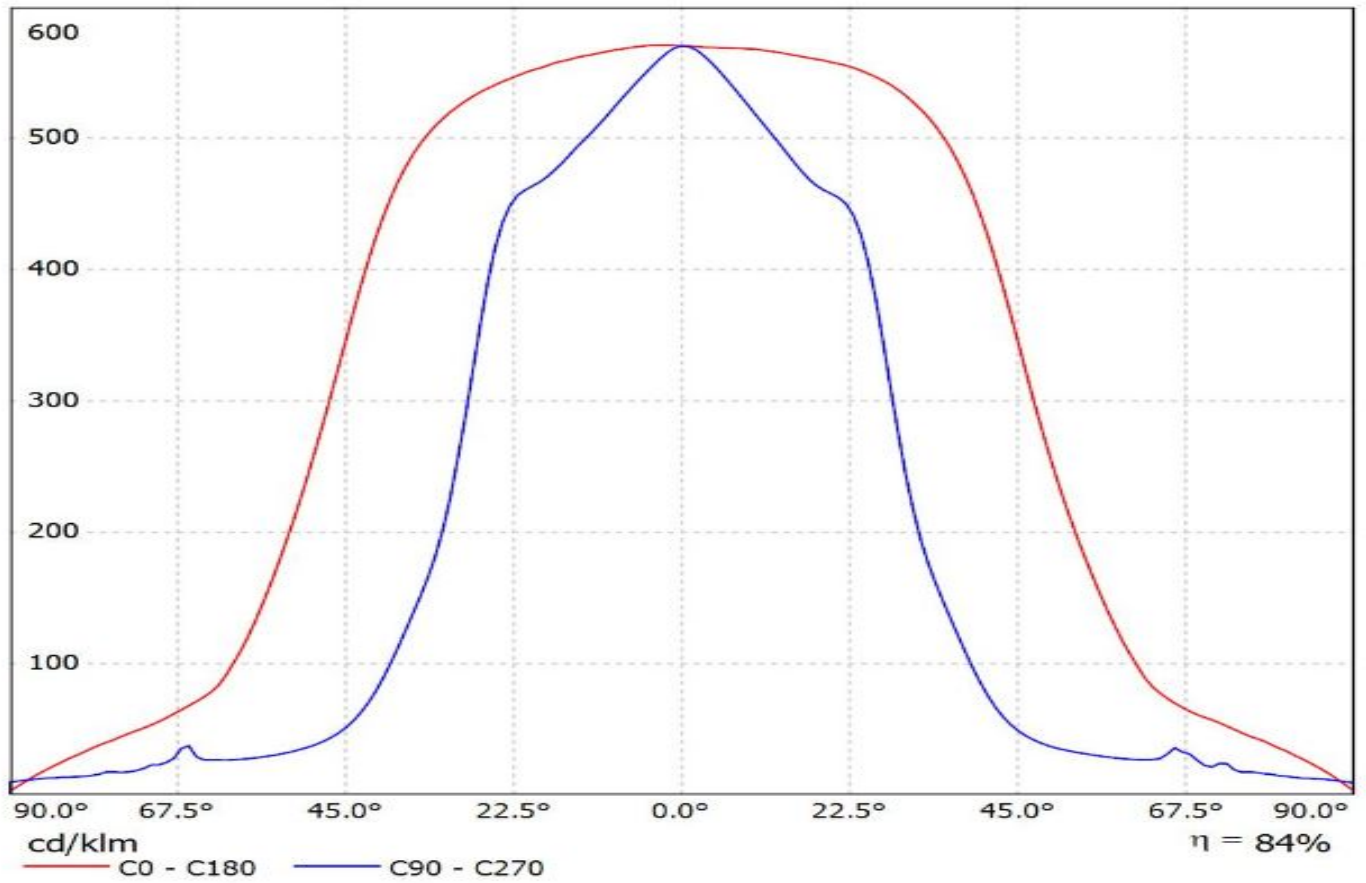


Luminaire: Ledil F15524_LINNEA-60_(Duris_S5)

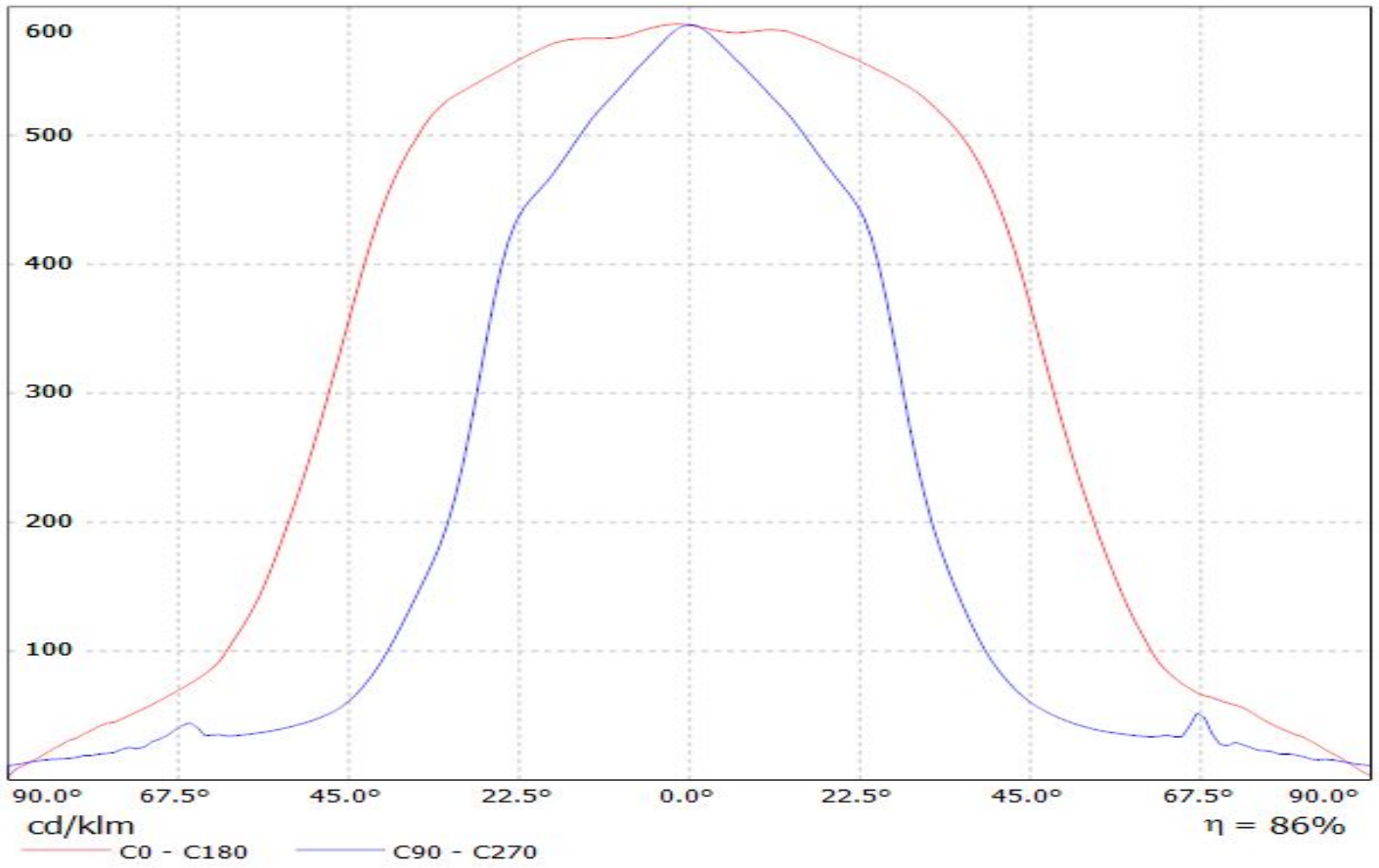
Lamps: 1 x Osram_Duris_S5_1183.73lm@250mA_P=8.66003W_U=34.724V



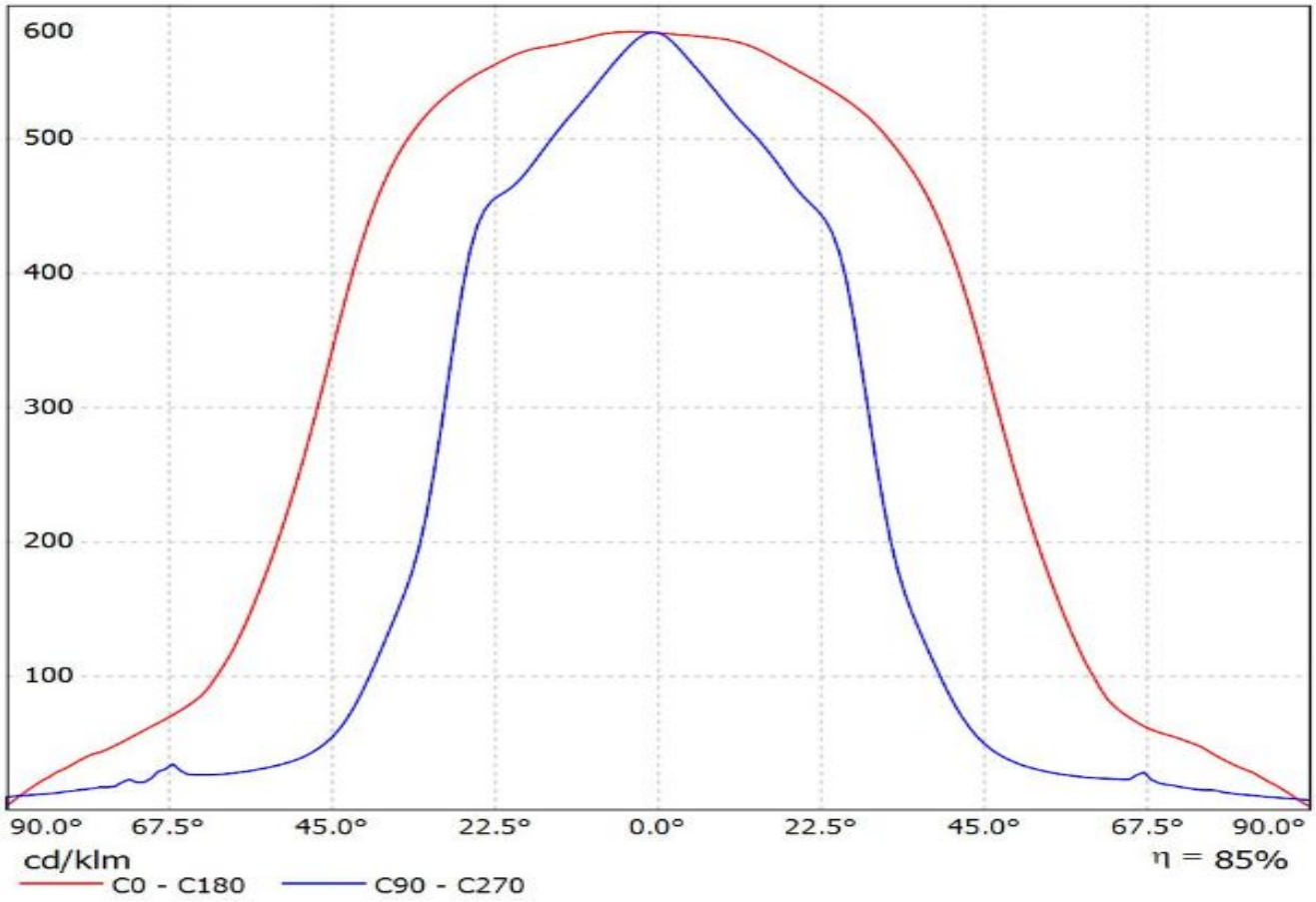
Luminaire: Ledil F15524_LINNEA-60 (Prevaled_Linear_Slim_3)
Lamps: 1 x Osram_Prevaled_Linear_Slim_3 (PL-LIN S-Z3-2000-840-280)
_1949.14lm@300mA_CCT=4000K_P=12.0015W_U=40.179V



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

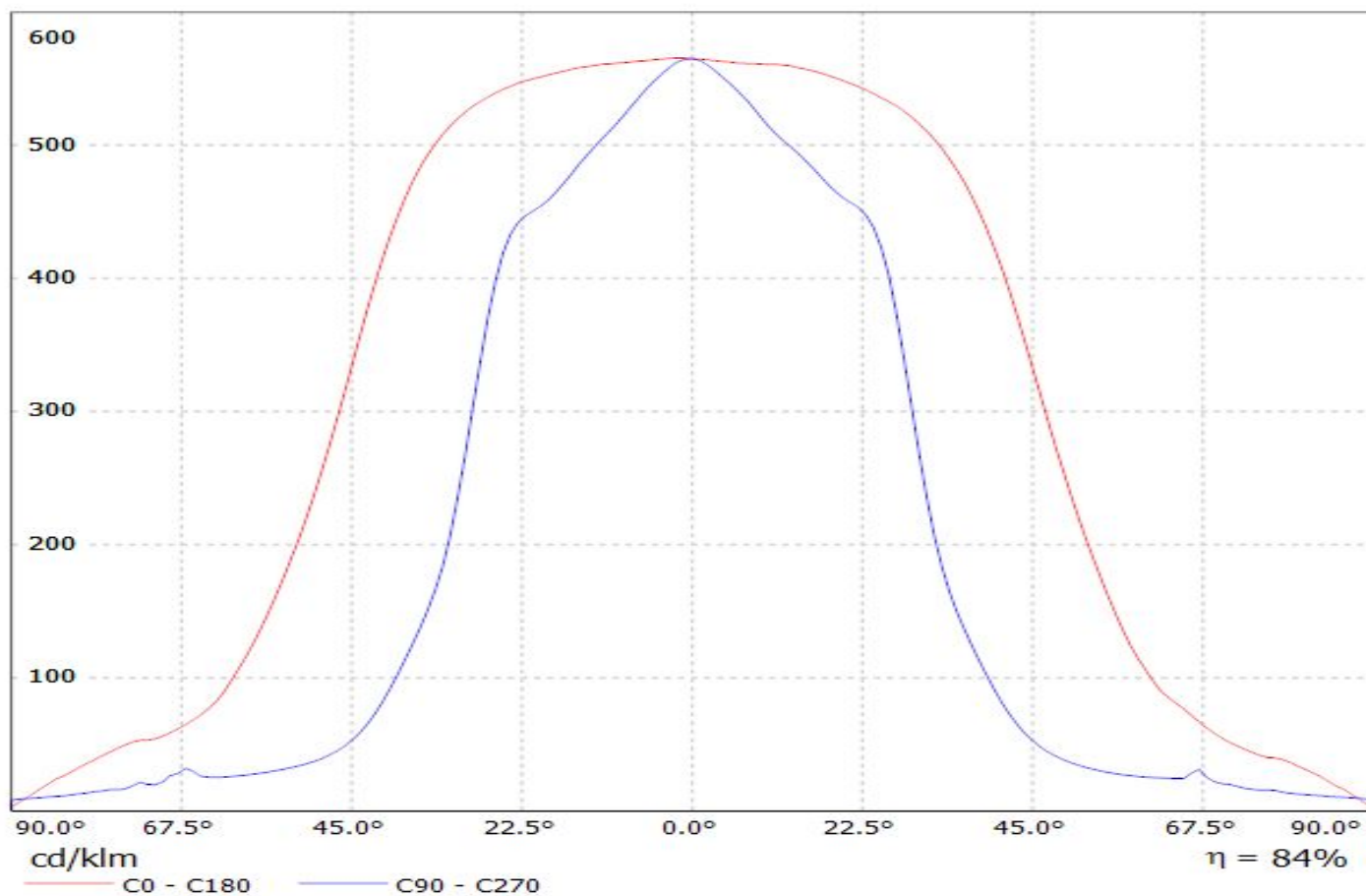


Luminaire: Ledil F15524_LINNEA-60_(Fortimo_LED_Strip_1ft_1100lm_FC_HV4)
Lamps: 1 x Philips_Fortimo_LED_Strip_1ft_1100lm_930_FC_HV4_735.772lm@250mA_P=5.6145W_U=22.496V

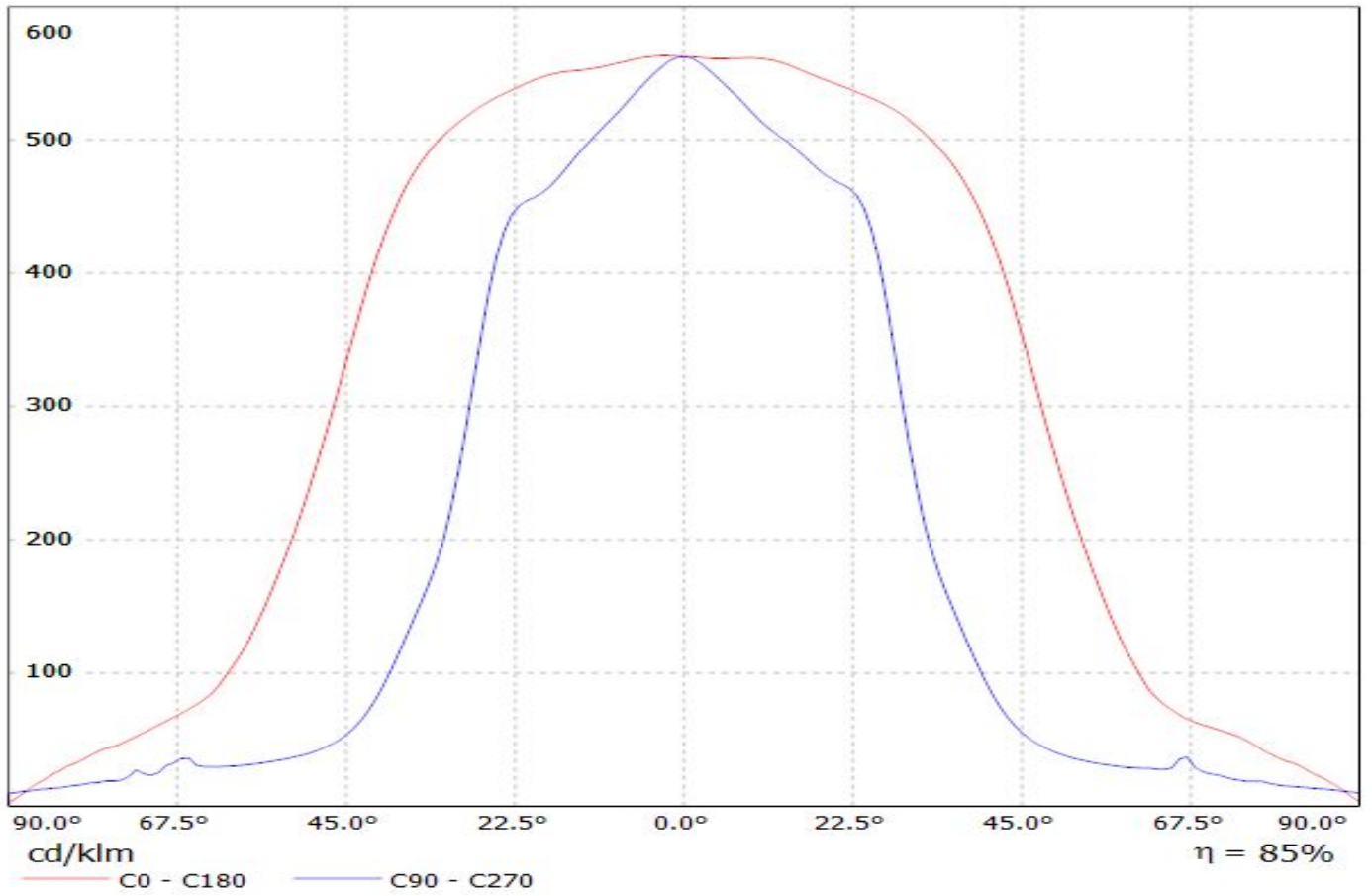


Luminaire: Ledil F15524_LINNEA-60_(Fortimo_LED_Strip_1ft_650lm_FC_LV4)

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

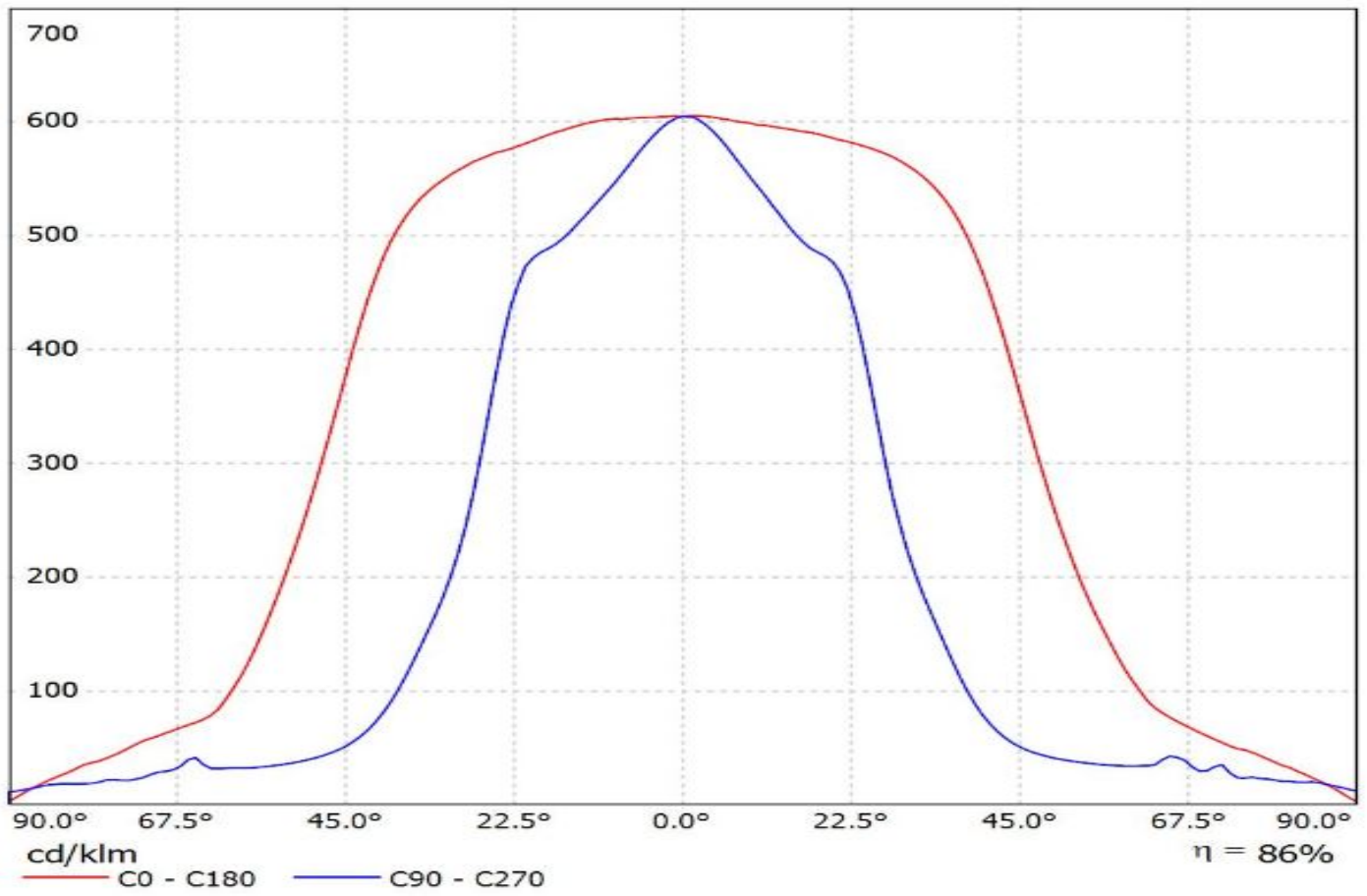


Luminaire: LEDiL Oy F15524_LINNEA-60_(LM561B+)_Cav1
Lamps: 1 x Samsung_LM561B+_1370.33lm@250mA_P=9.1162W_I=0.250A



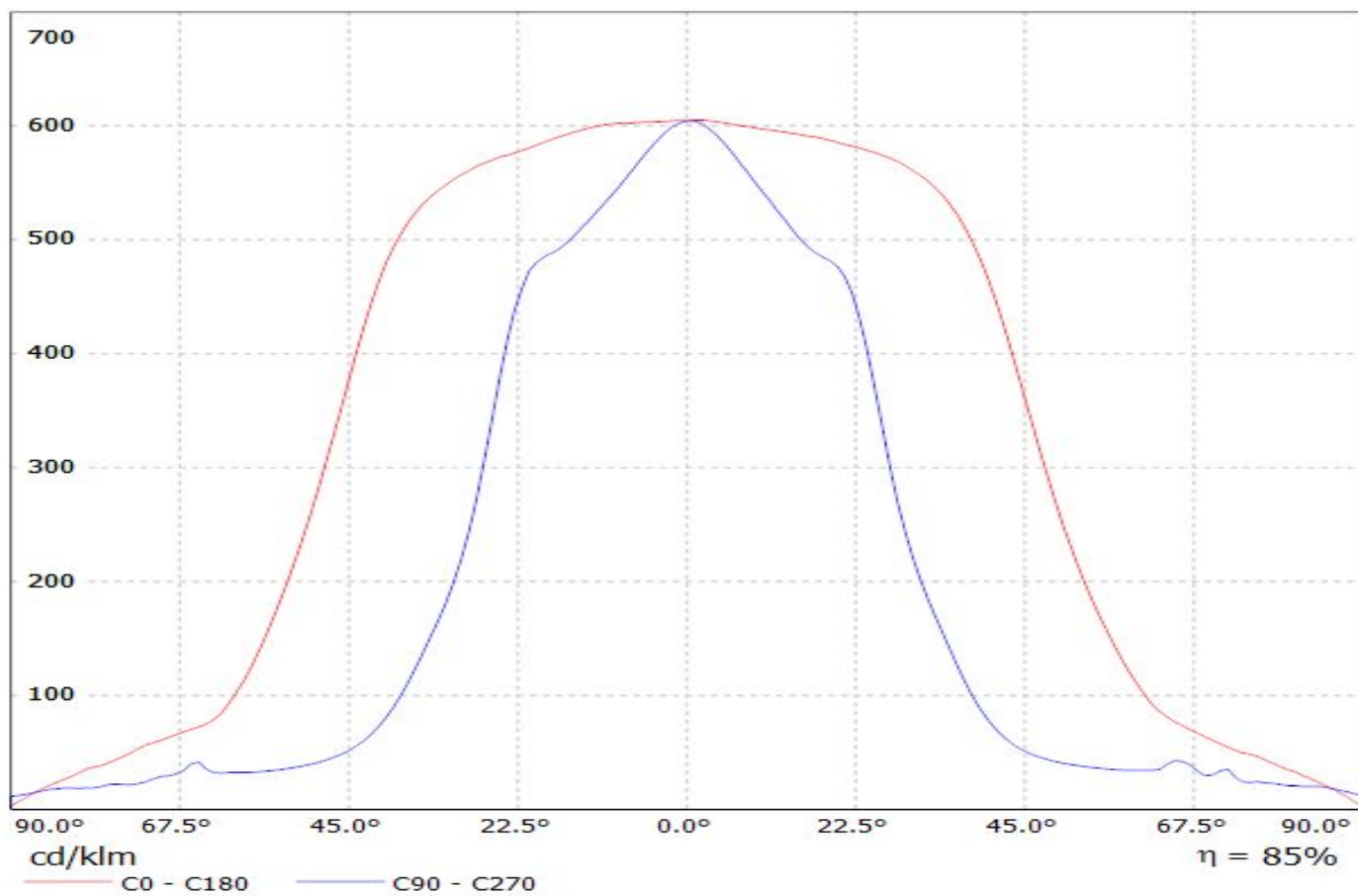
Luminaire: Ledil F15524_LINNEA-60_(LT-V282E)

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



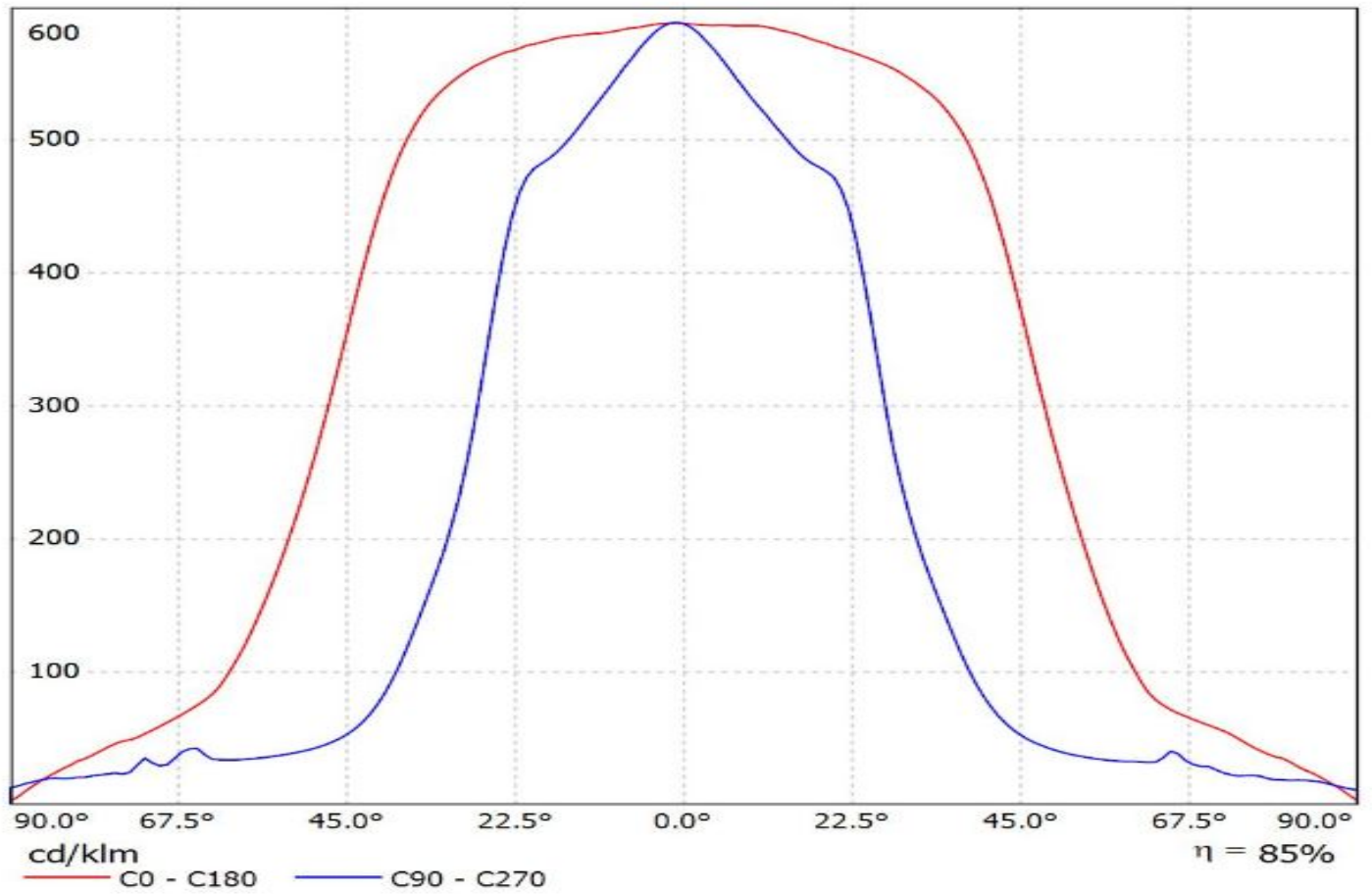
Luminaire: Ledil F15524_LINNEA-60_(LT-V562E)

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



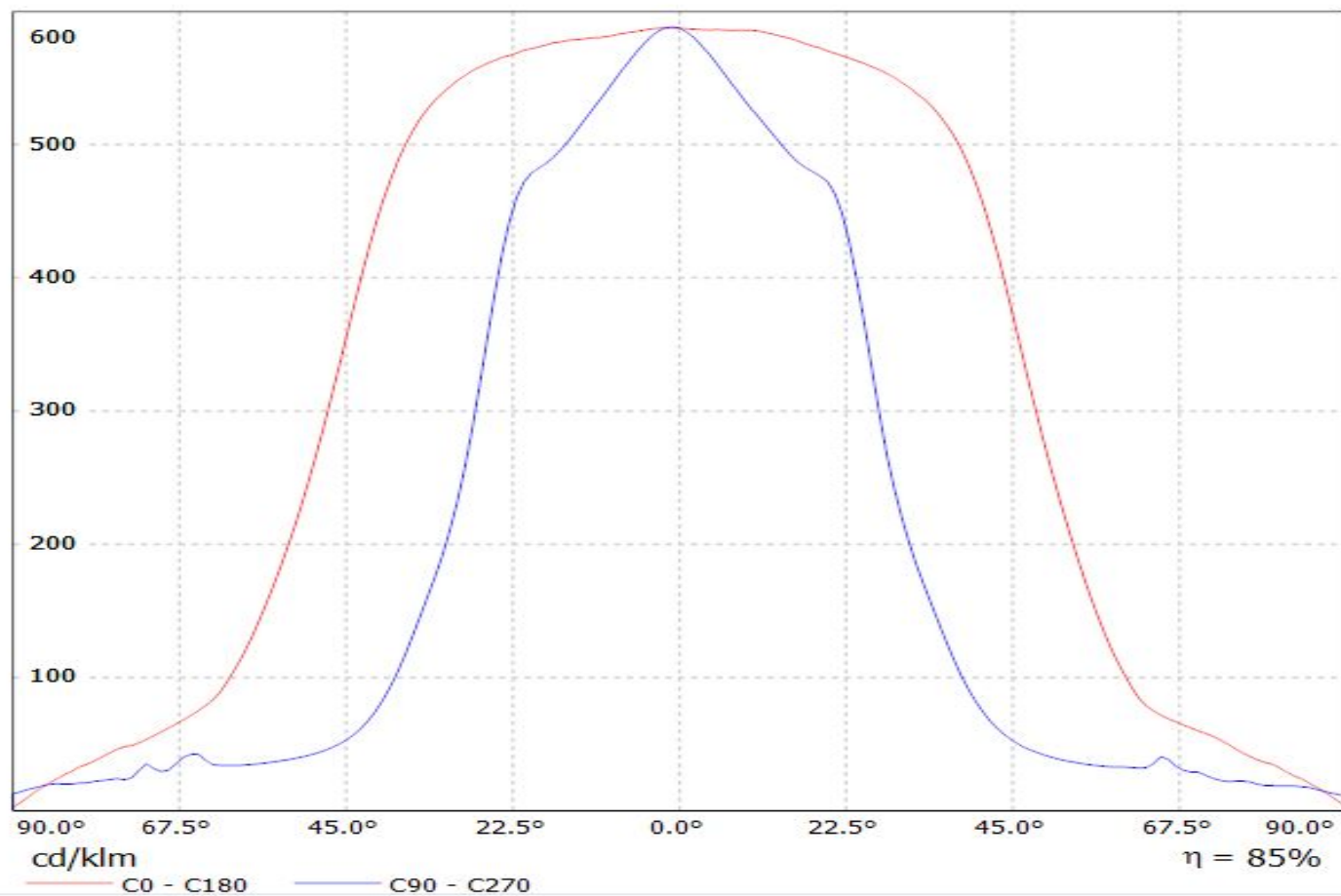
Luminaire: Ledil F15524_LINNEA-60_(LT-H282C)

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



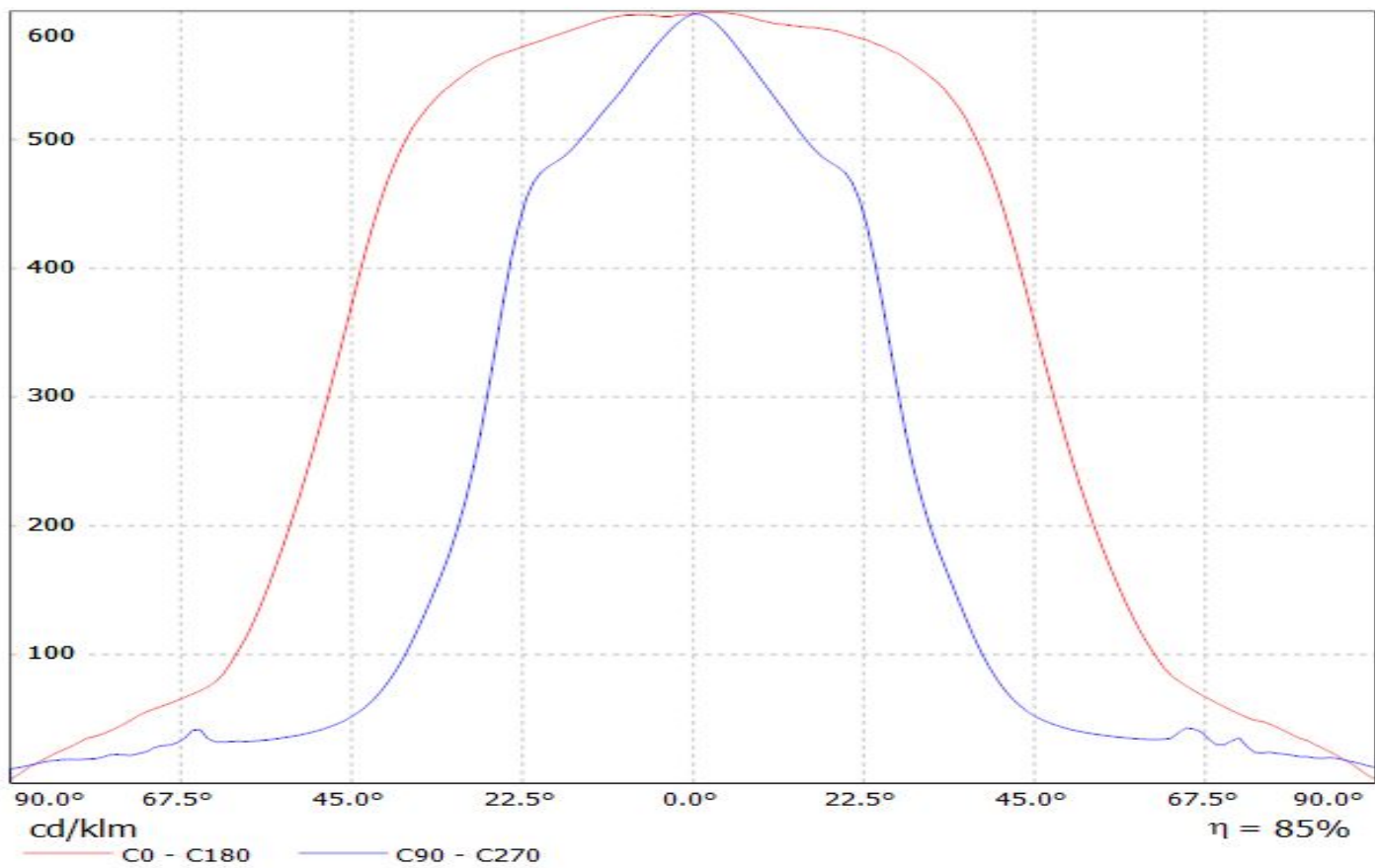
Luminaire: Ledil F15524_LINNEA-60_(LT-H562C)

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



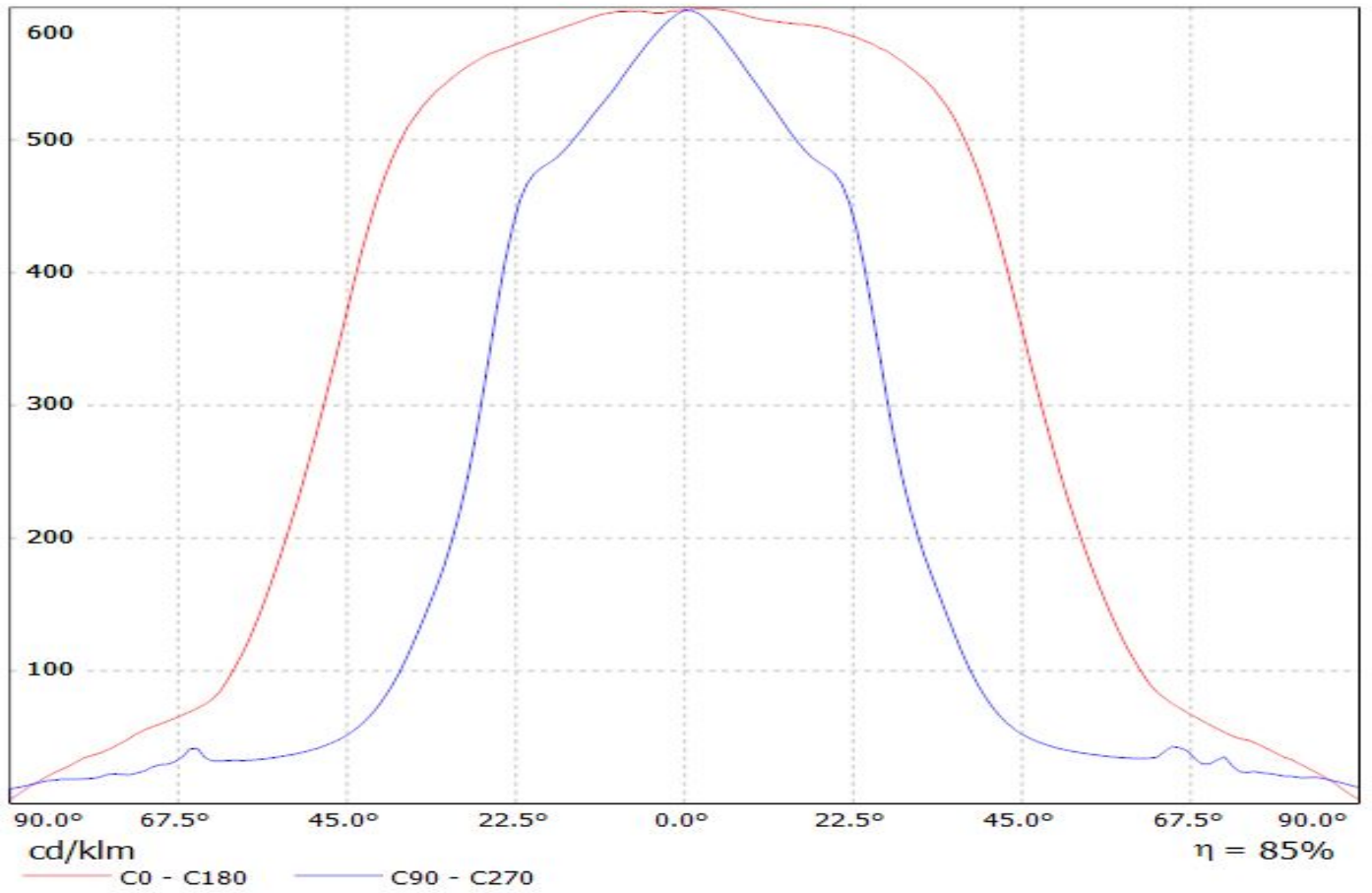
Luminaire: Ledil F15524_LINNEA-60_(LT-S282H)

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



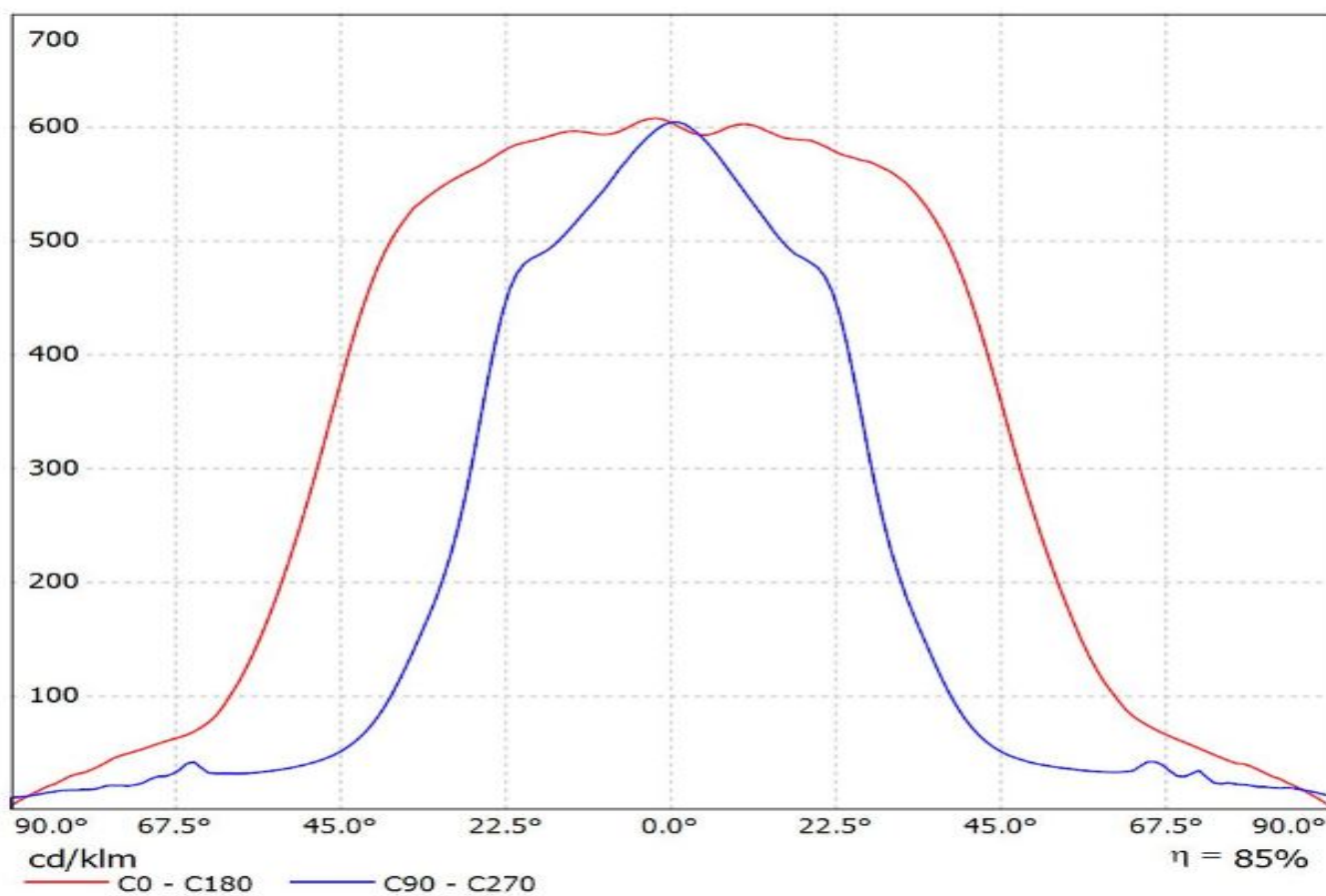
Luminaire: Ledil F15524_LINNEA-60_(LT-S562H)

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

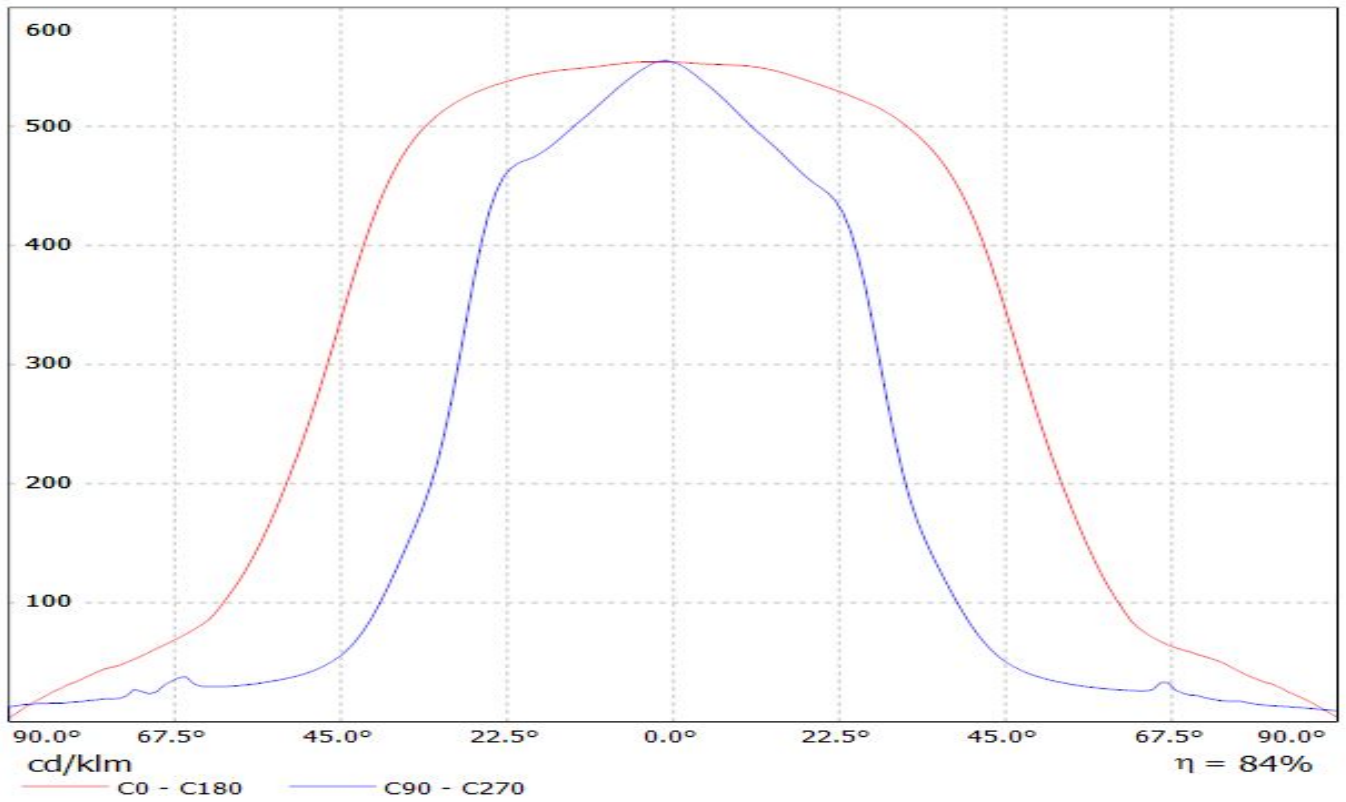


Luminaire: Ledil F15524_LINNEA-60_(LT-Q282B)

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

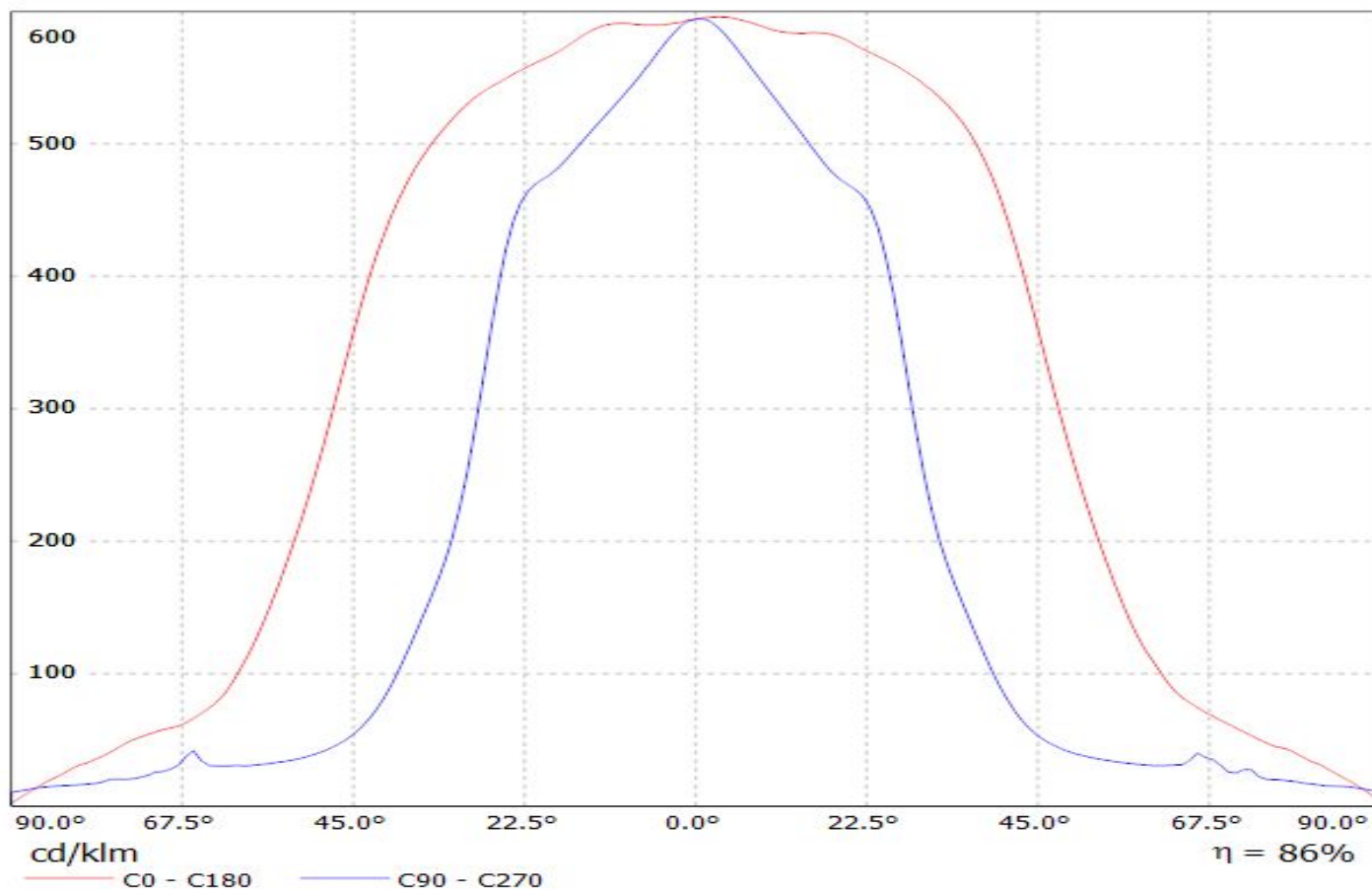


Luminaire: LEDiL Oy F15524_LINNEA-60_(Seoul_semi_5630D)
Lamps: 1 x Seoul_Semi_5630D_932.657lm@250mA_P=5.68145W_I=0.250A



Luminaire: Ledil F15524_LINNEA-60_(SunLike_3030)

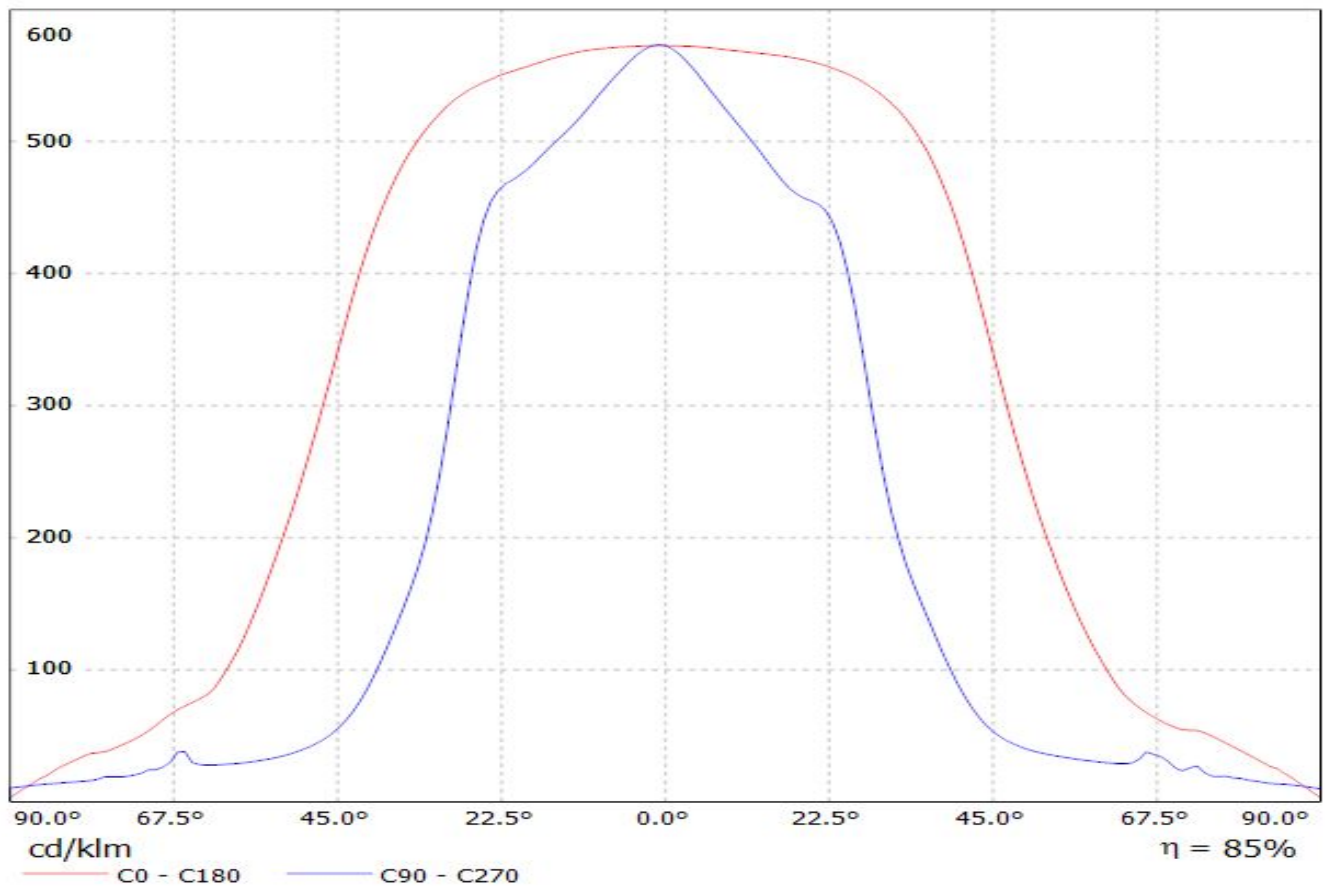
Lamps: 1 x SEOUL_SunLike_3030_(STW9C2PB-S)_2_240.649lm@0.65mA_P=2.30531W_U=35.538V



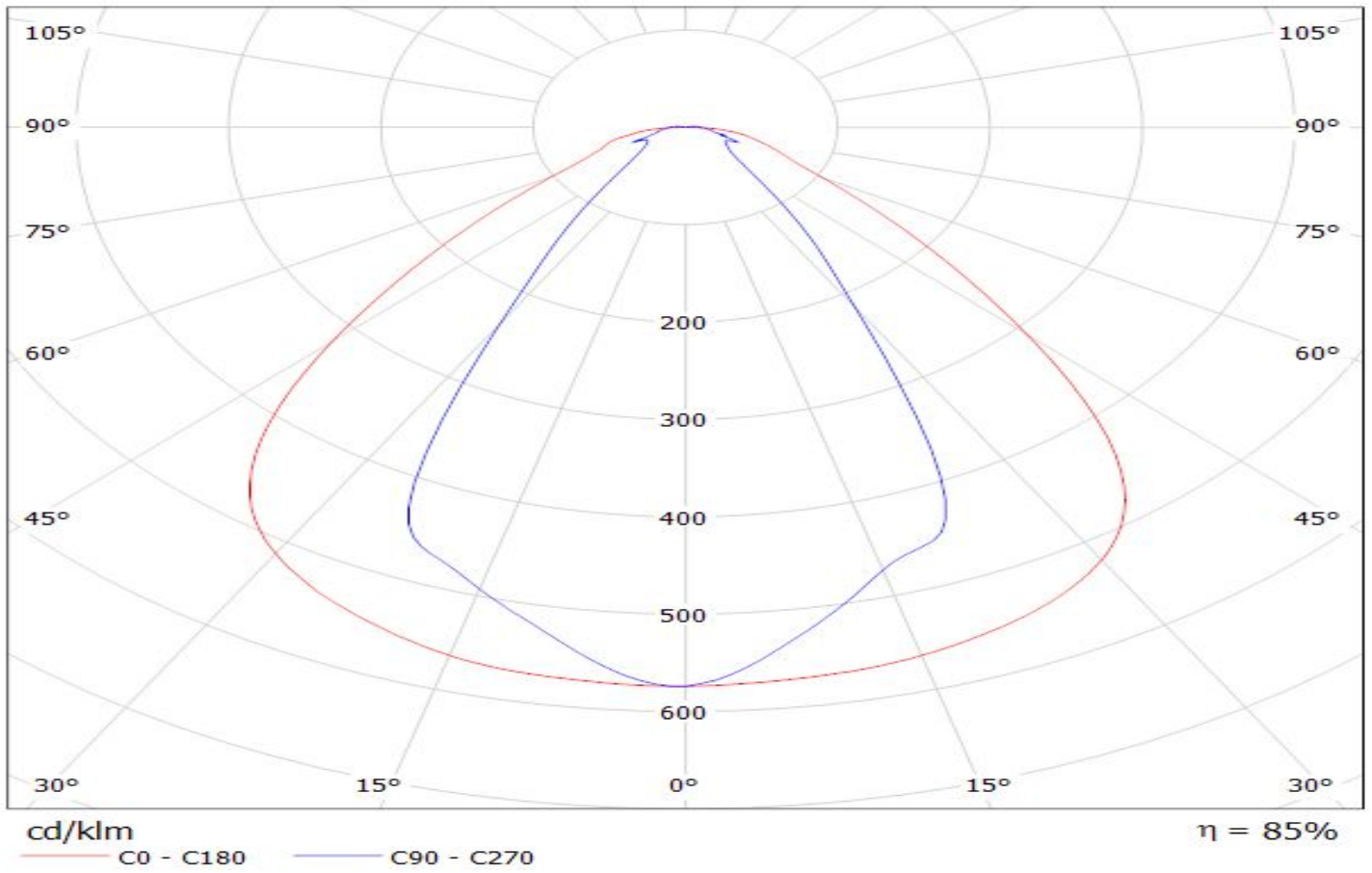
Luminaire: LEDiL Oy F15524_LINNEA-60_(LLE_G4_24x280mm_650lm_840_2T_ADV)

Lamps: 1 x

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

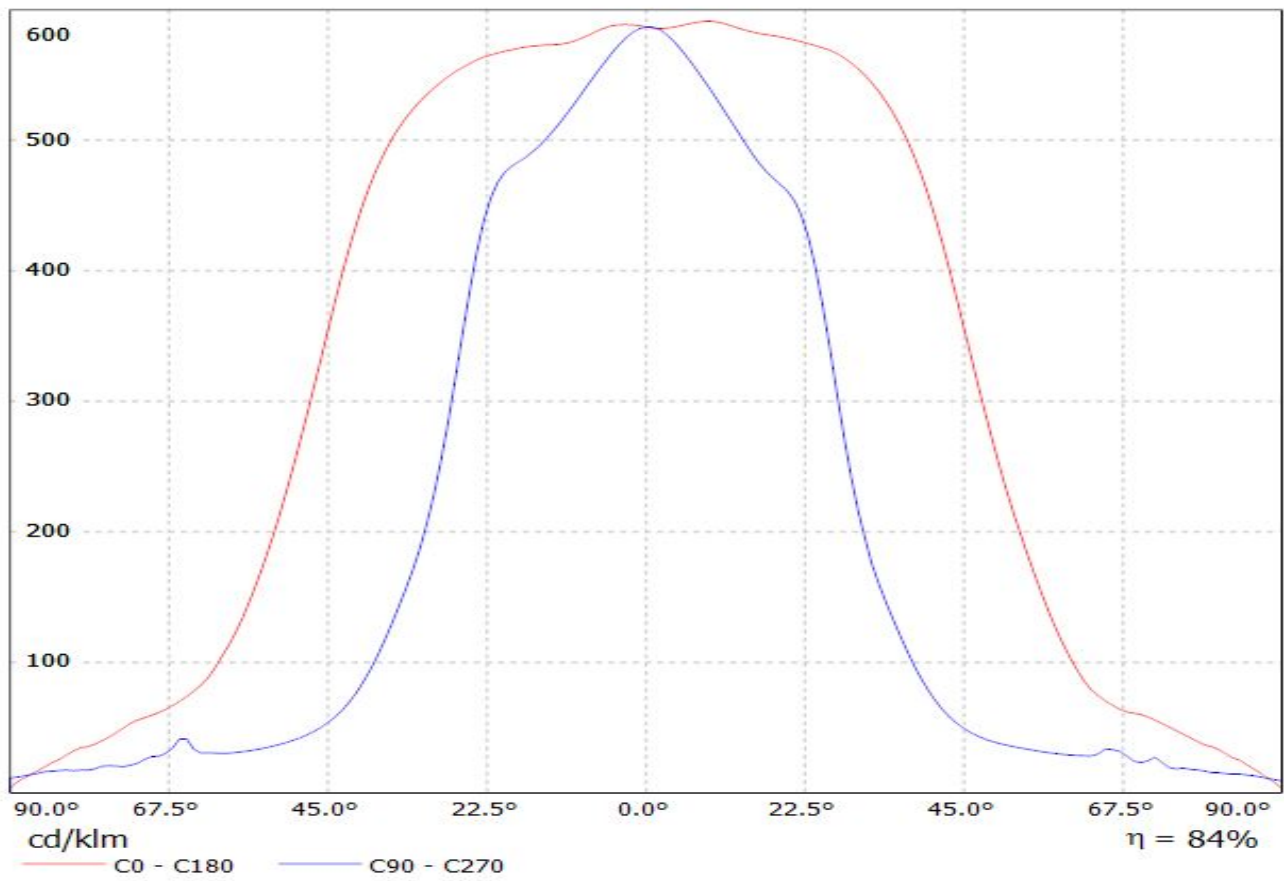


Luminaire: Ledil F15524 LINNEA-60 (LLE_G4_24x280mm_1250lm_840_4T_ADV)
Lamps: 1 x Tridonic (LLE_G4_24x280mm_1250lm_840_4T_ADV)
_971.78lm@250mA_CCT=4000K_P=5.6355W_U=22.5500V



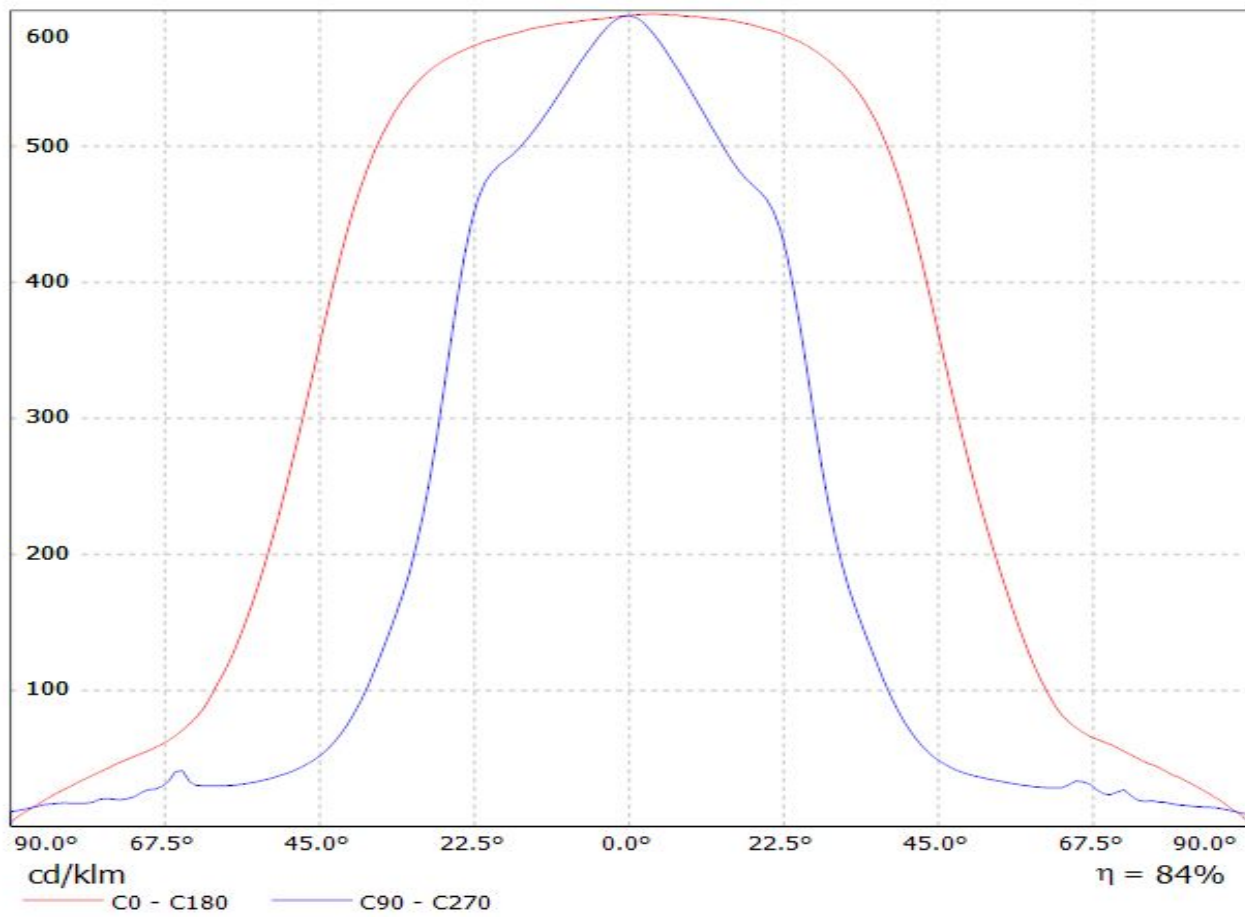
Luminaire: LEDiL Oy F15524_LINNEA-60_(CALOSNU405-M7W1)

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



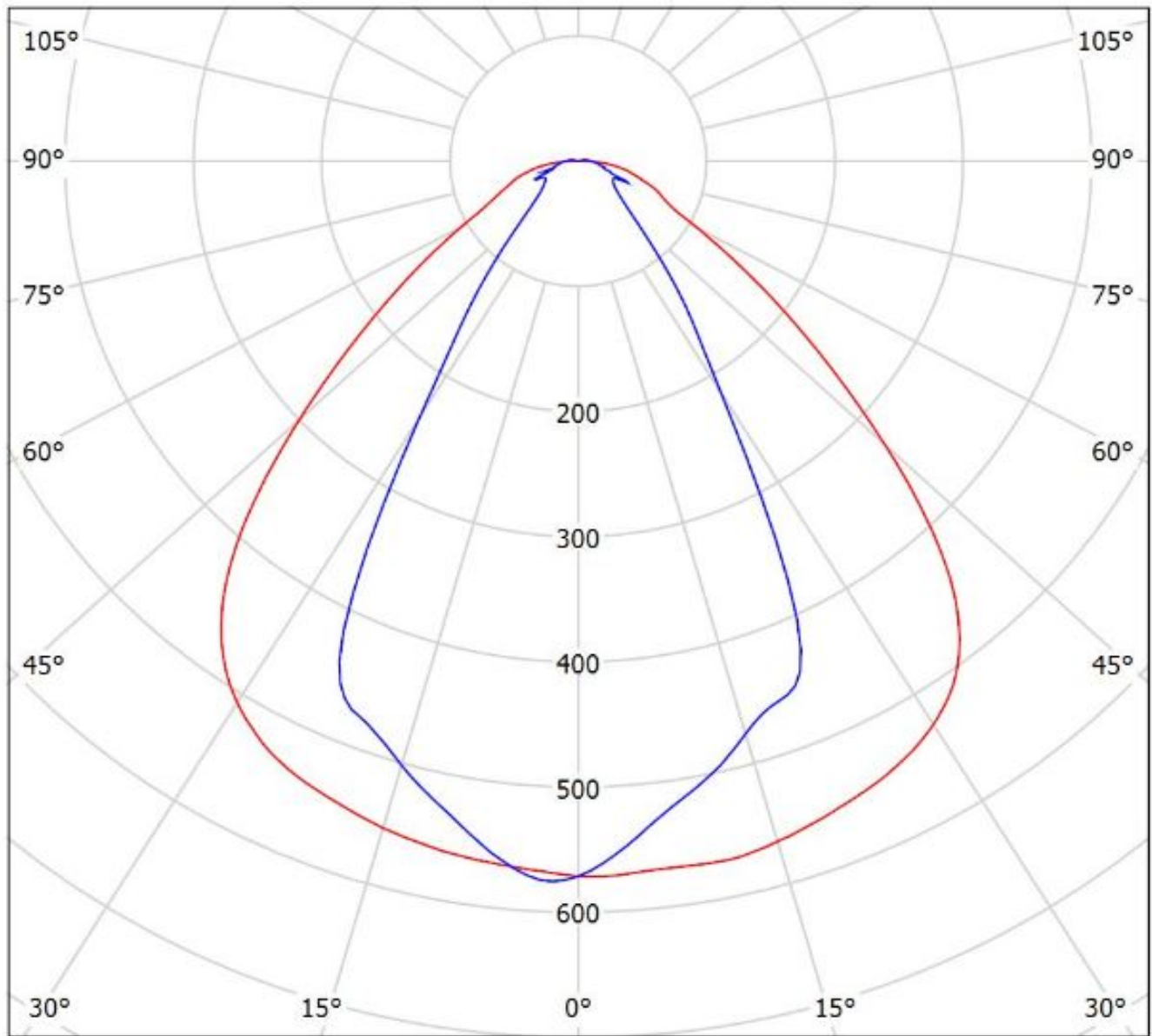
Luminaire: Ledil F15524_LINNEA-60_(CALOSNU410-M7W1)

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



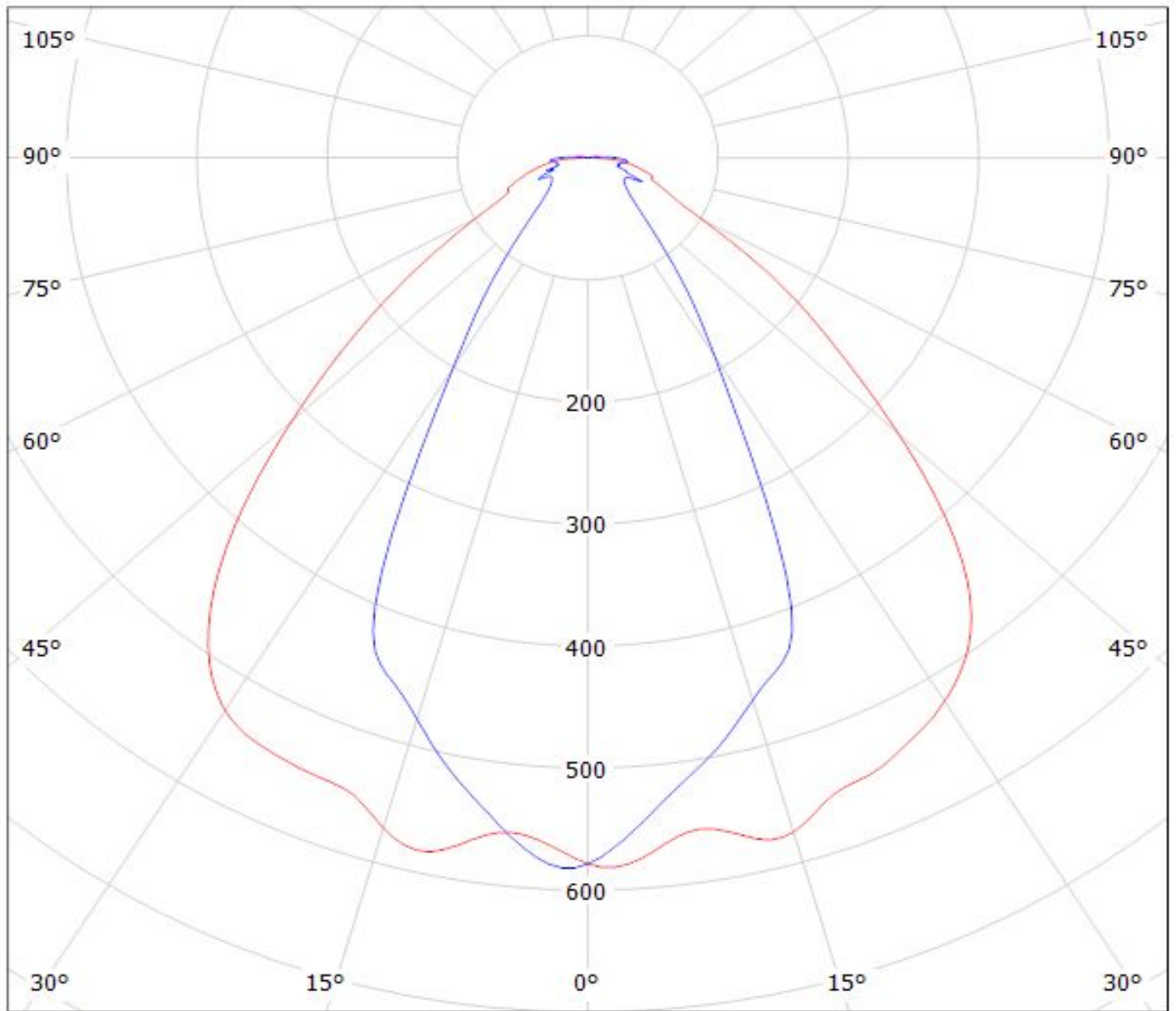
cd/klm

— 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

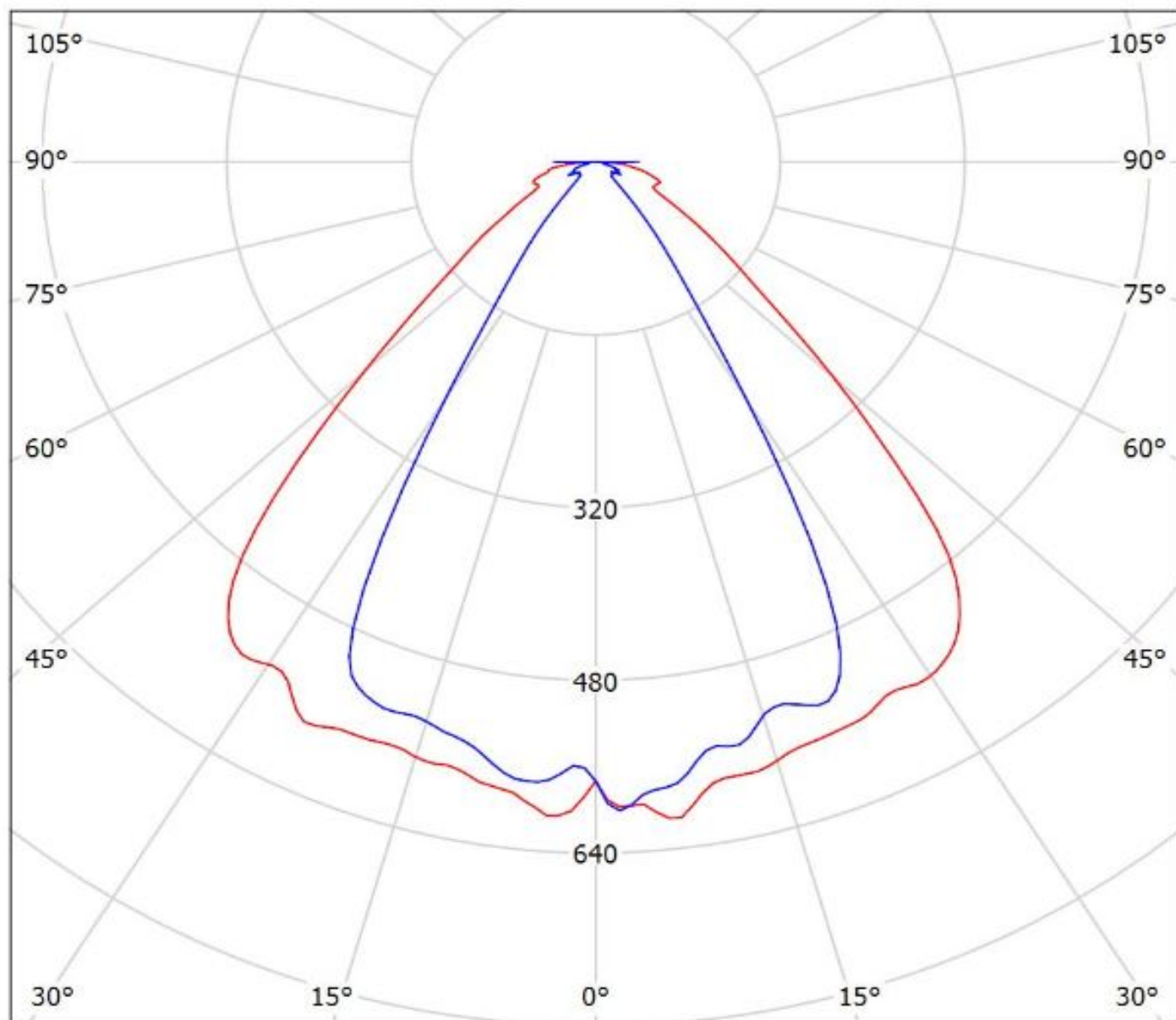
— C0 - C180

— C90 - C270

$\eta = 83\%$

Luminaire: Ledil Oy F15524_LINNEA-60_(NF2W757GR-V1)_SIMULATED

Lamps: 1 x Nichia NF2W757GR-V1



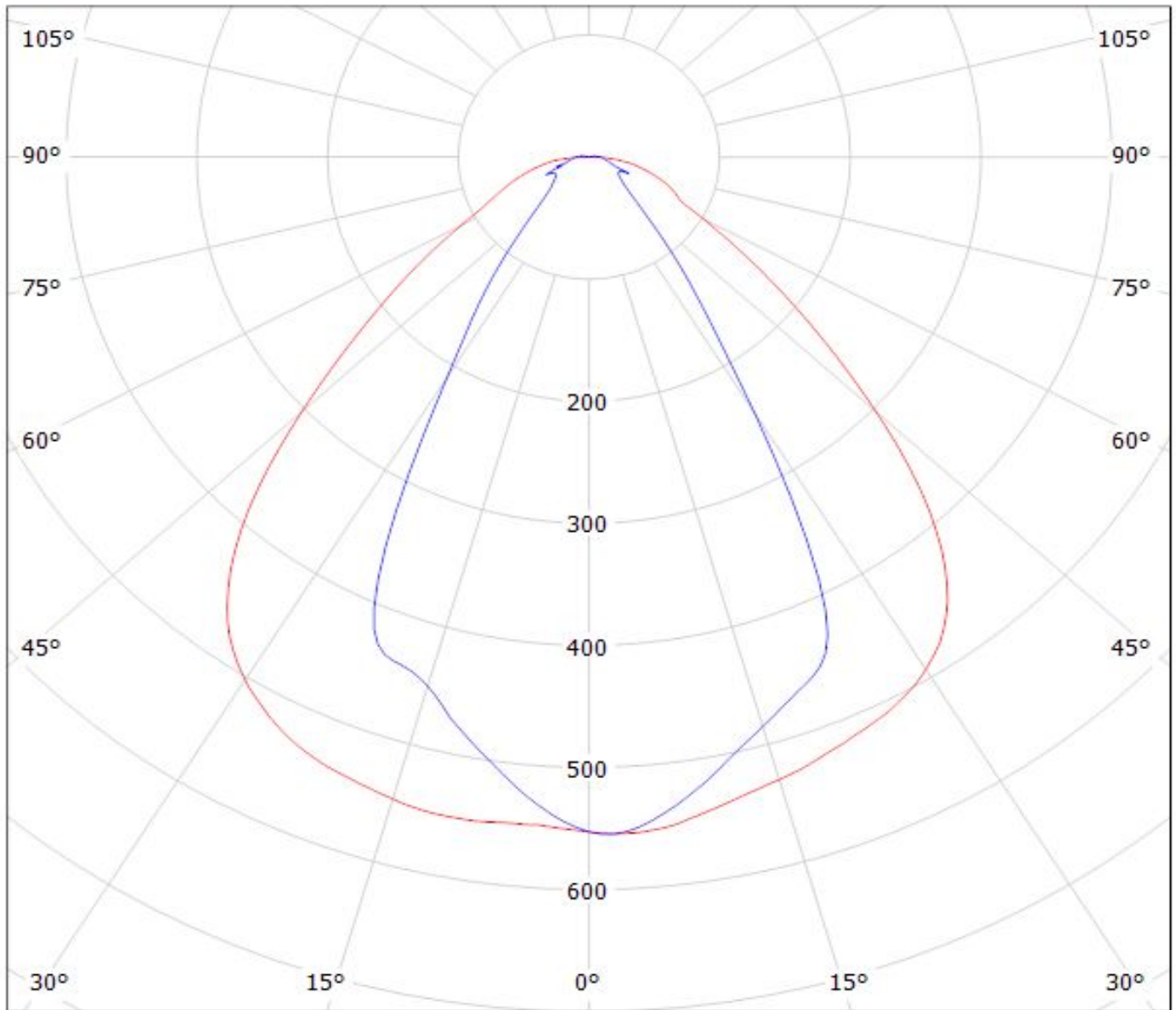
cd/klm

— 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



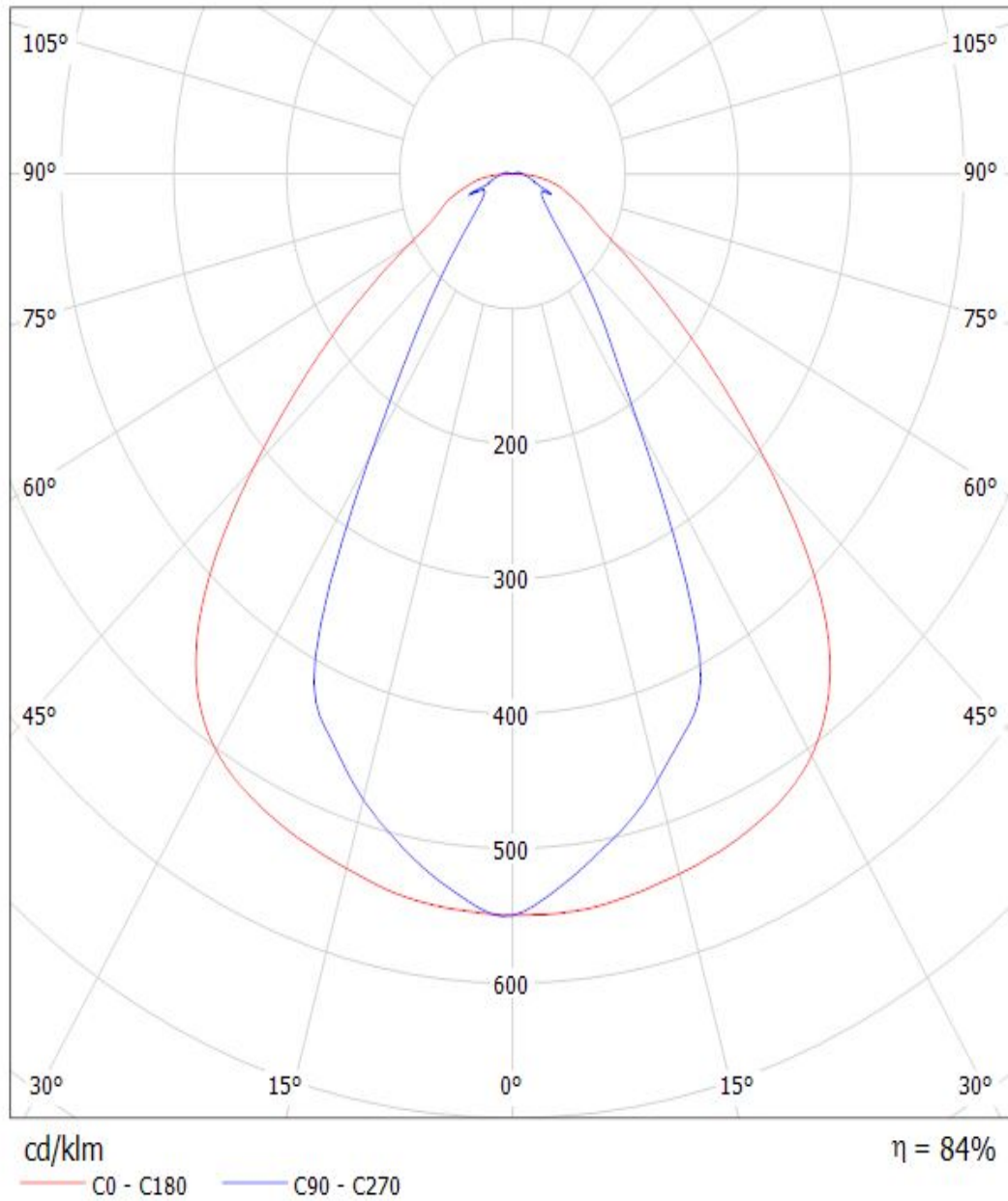
cd/klm

— C0 - C180 — C90 - C270

$\eta = 83\%$

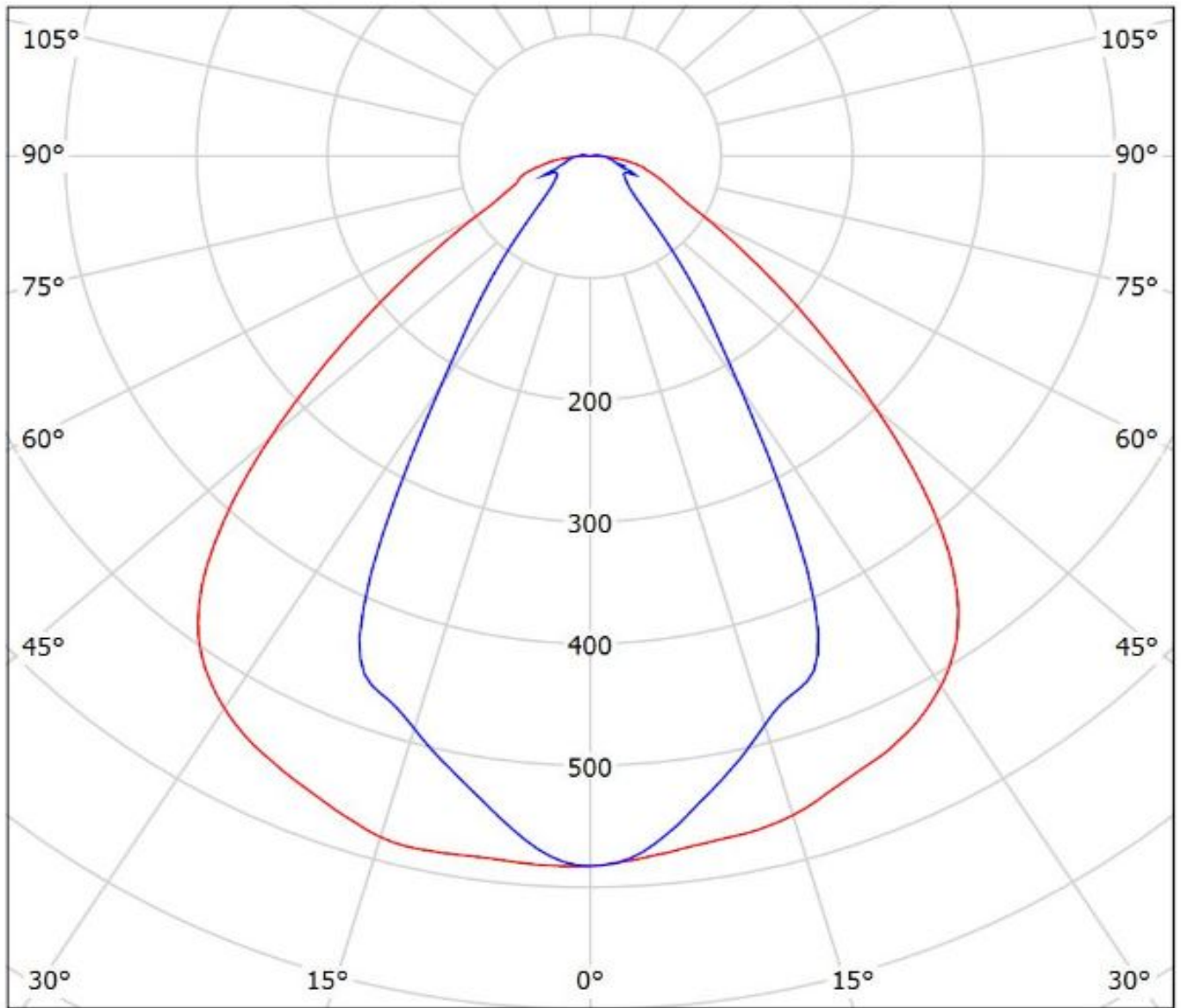
Luminaire: LEDiL Oy F15524_LINNEA-60_(Prevaled_Linear_Slim_1100lm)

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



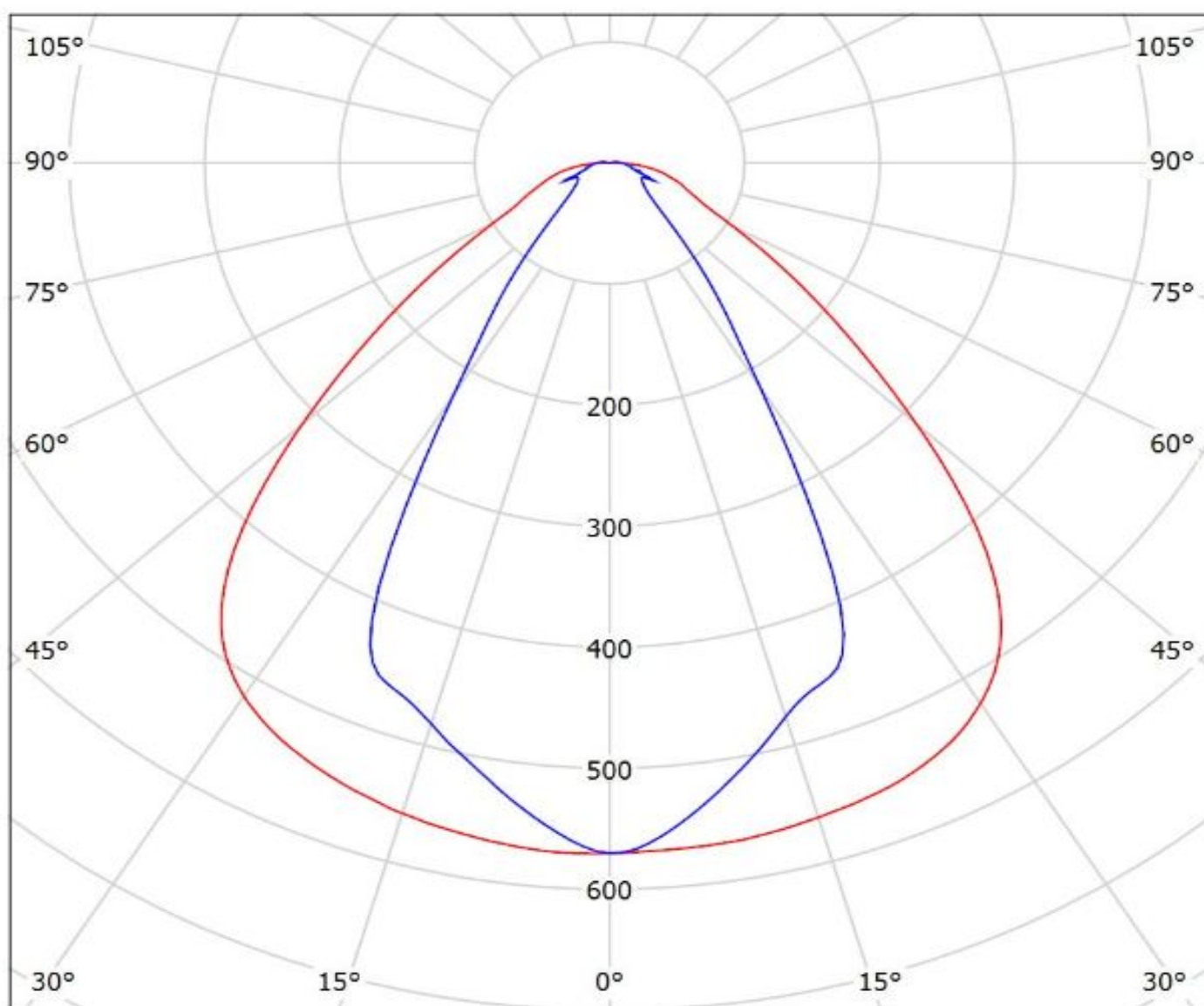
cd/klm

— C0 - C180

— C90 - C270

η = 85%

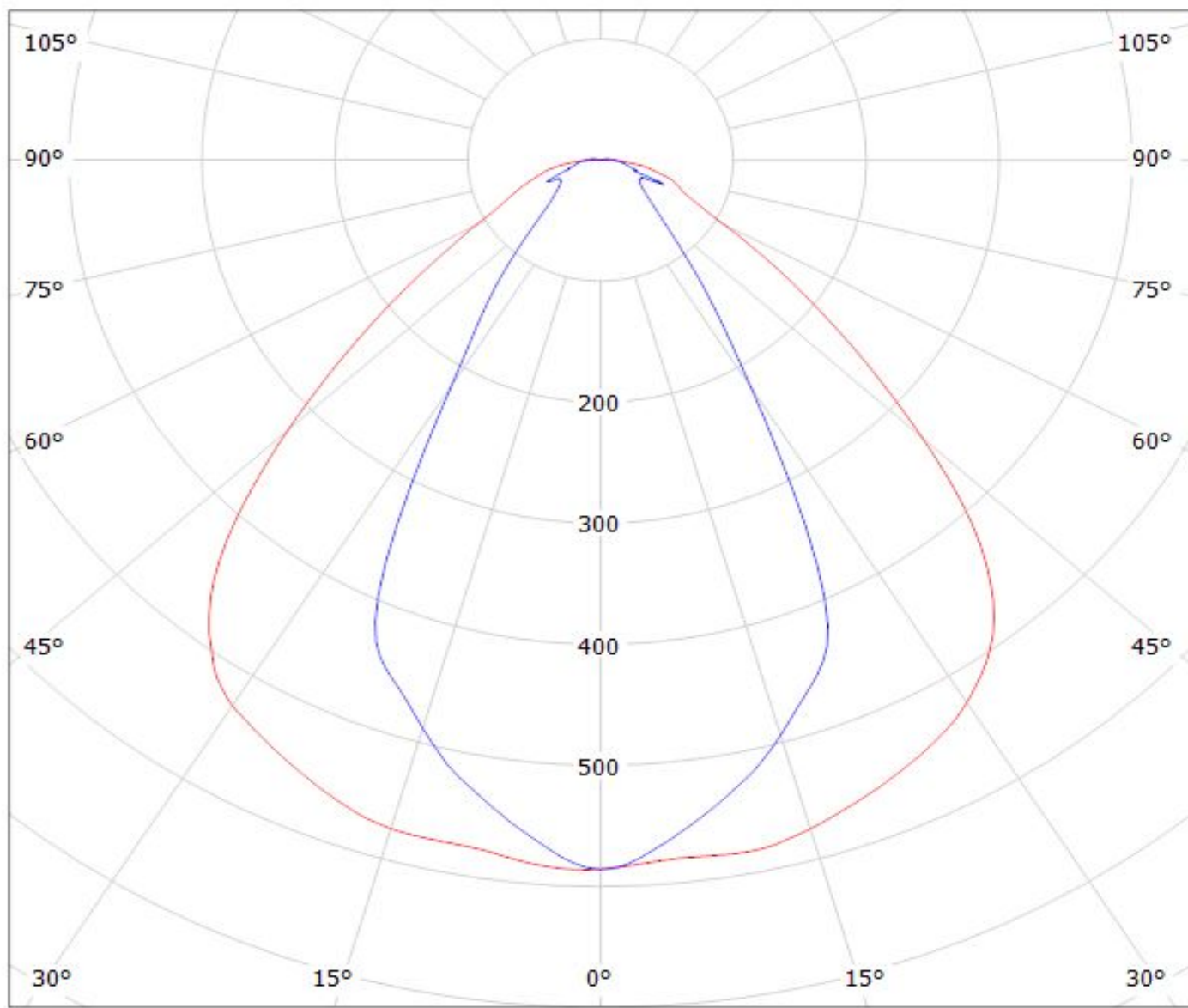
Luminaire: Ledil F15524_LINNEA-60_(Prevaled_Linear_Slim_3)
Lamps: 1 x Osram_Prevaled_Linear_Slim_3_(PL-LIN S-Z3-2000-840-280)
_1949.14lm@300mA_CCT=4000K_P=12.0015W_U=40.179V



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

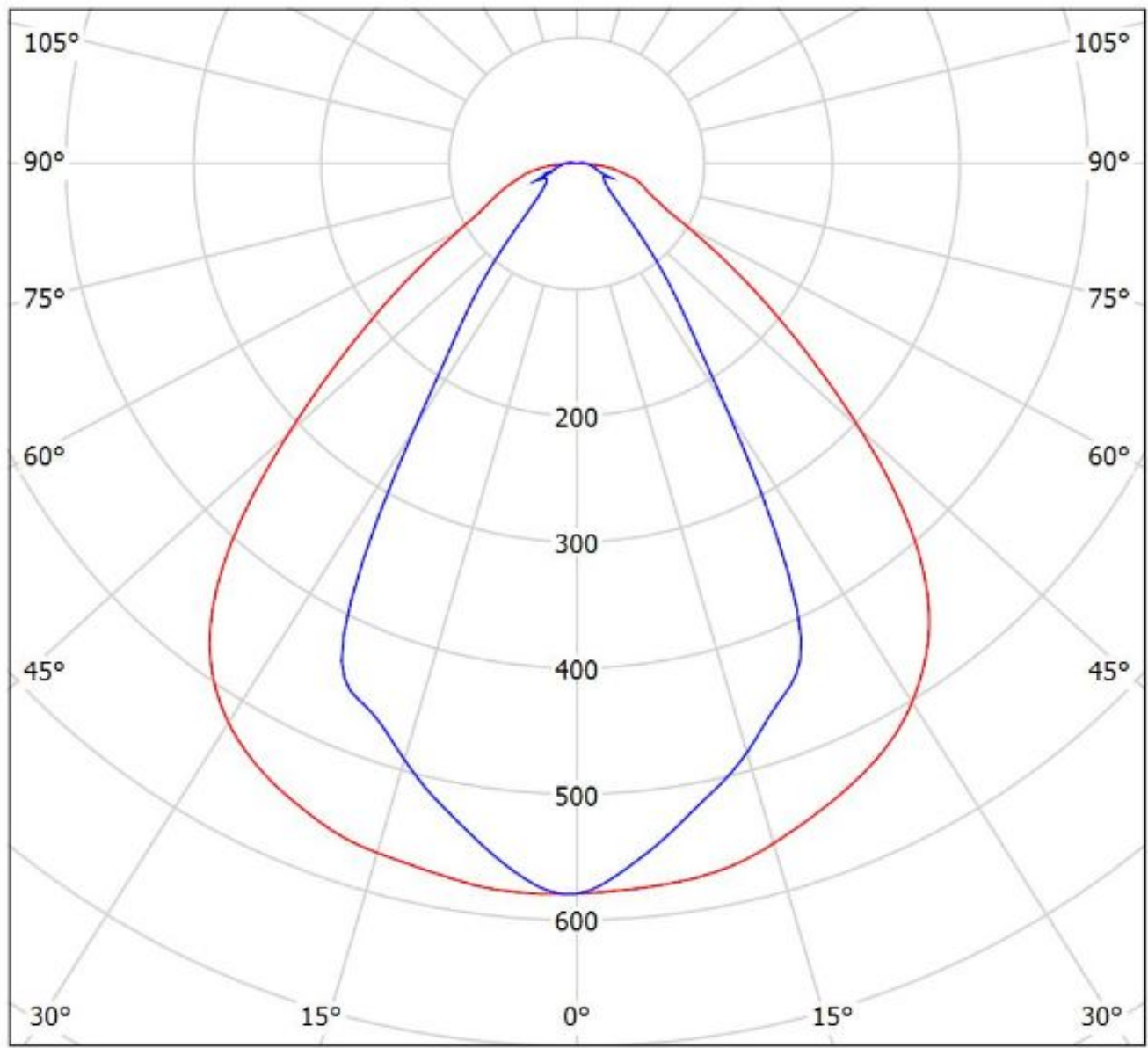


cd/klm

— 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



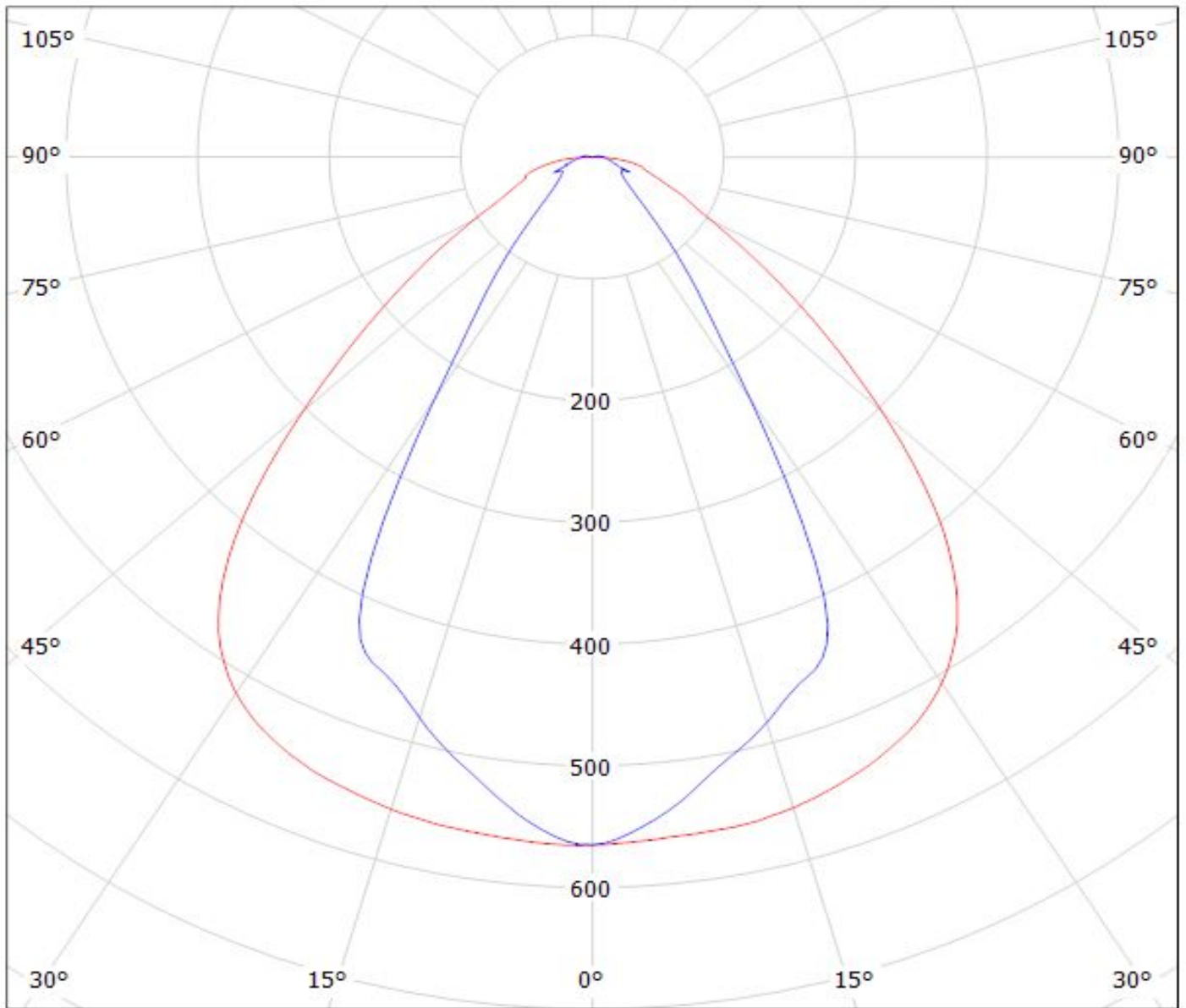
cd/klm

— 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

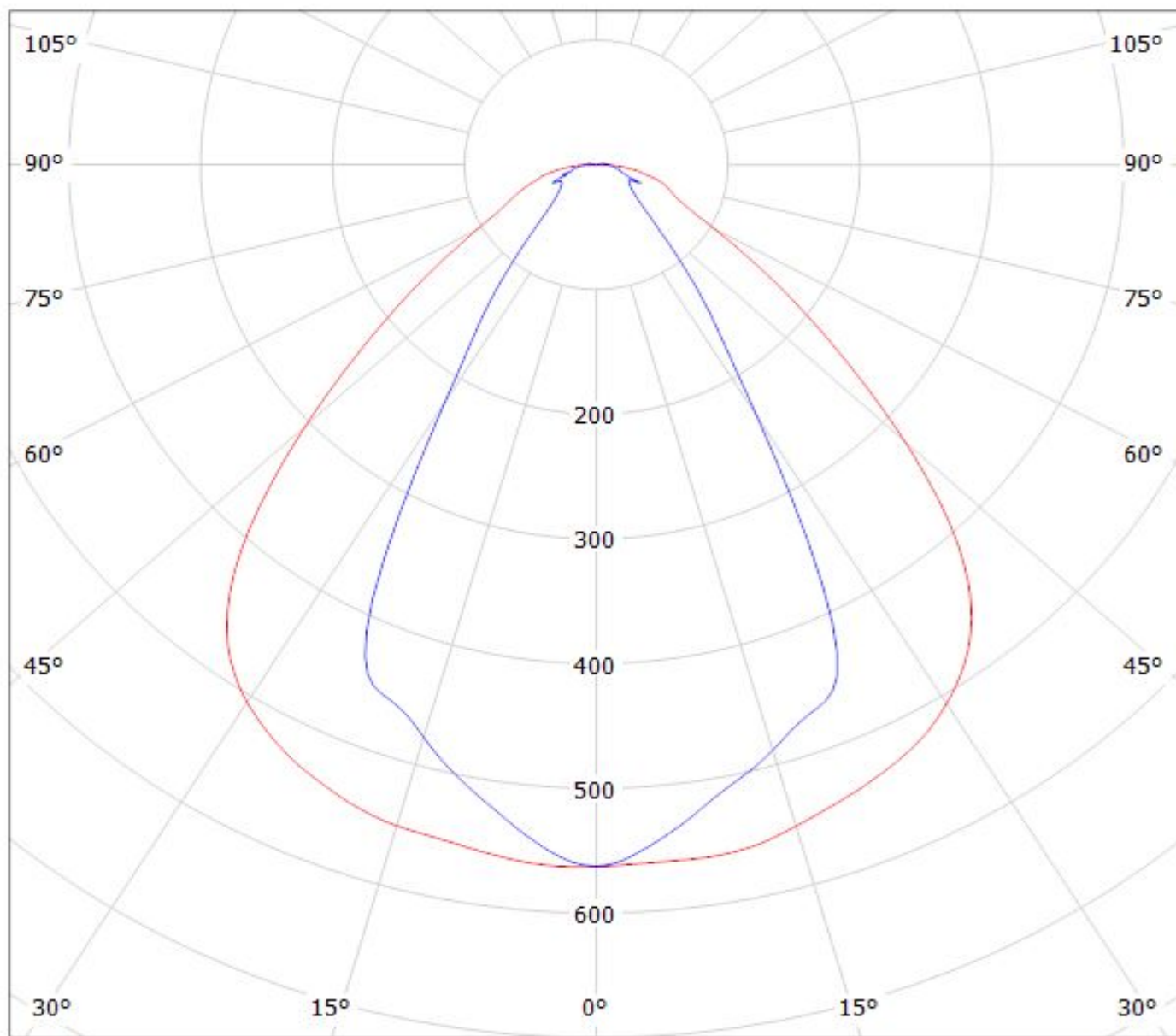
— C0 - C180

— 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

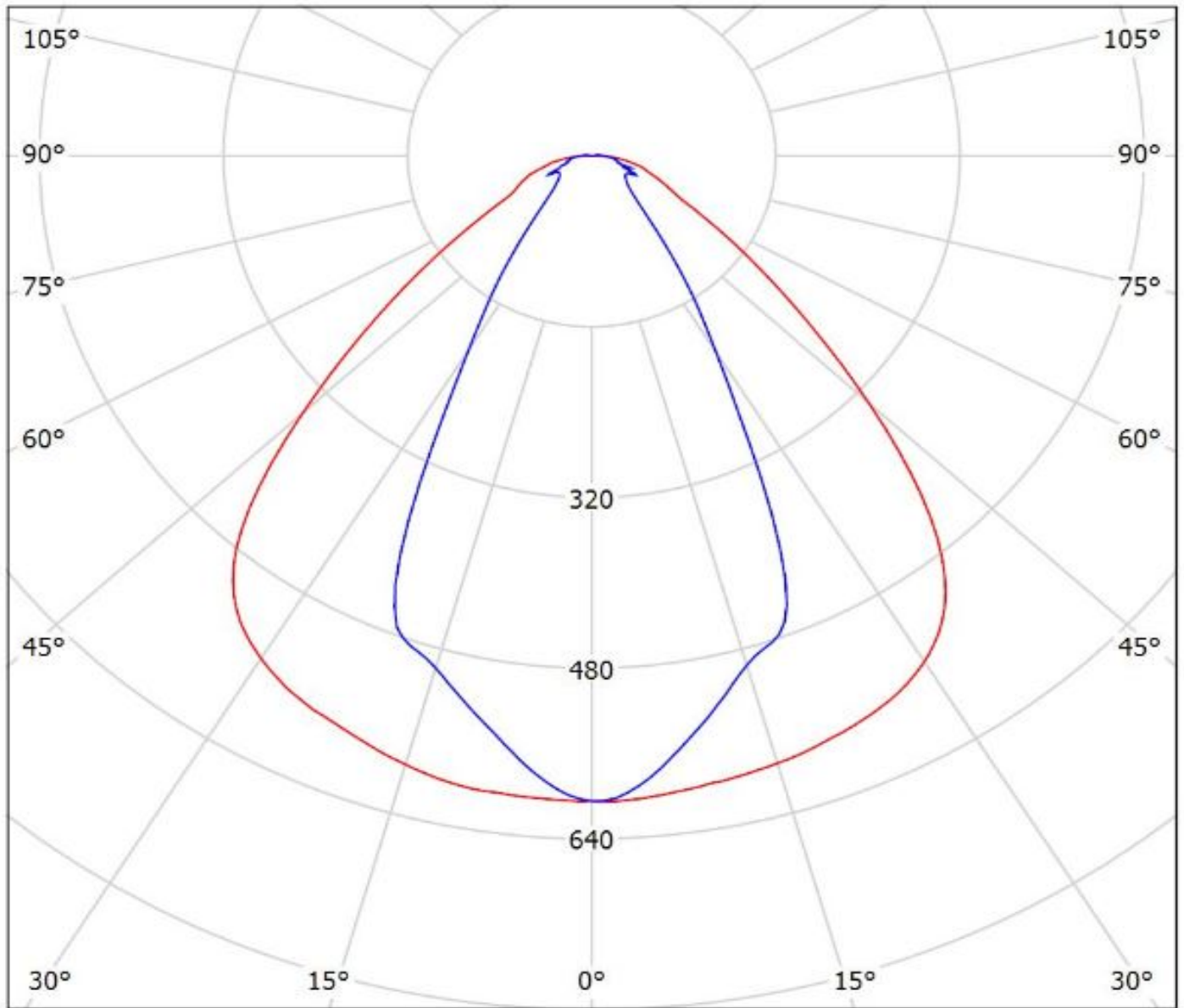
— C0 - C180

— 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



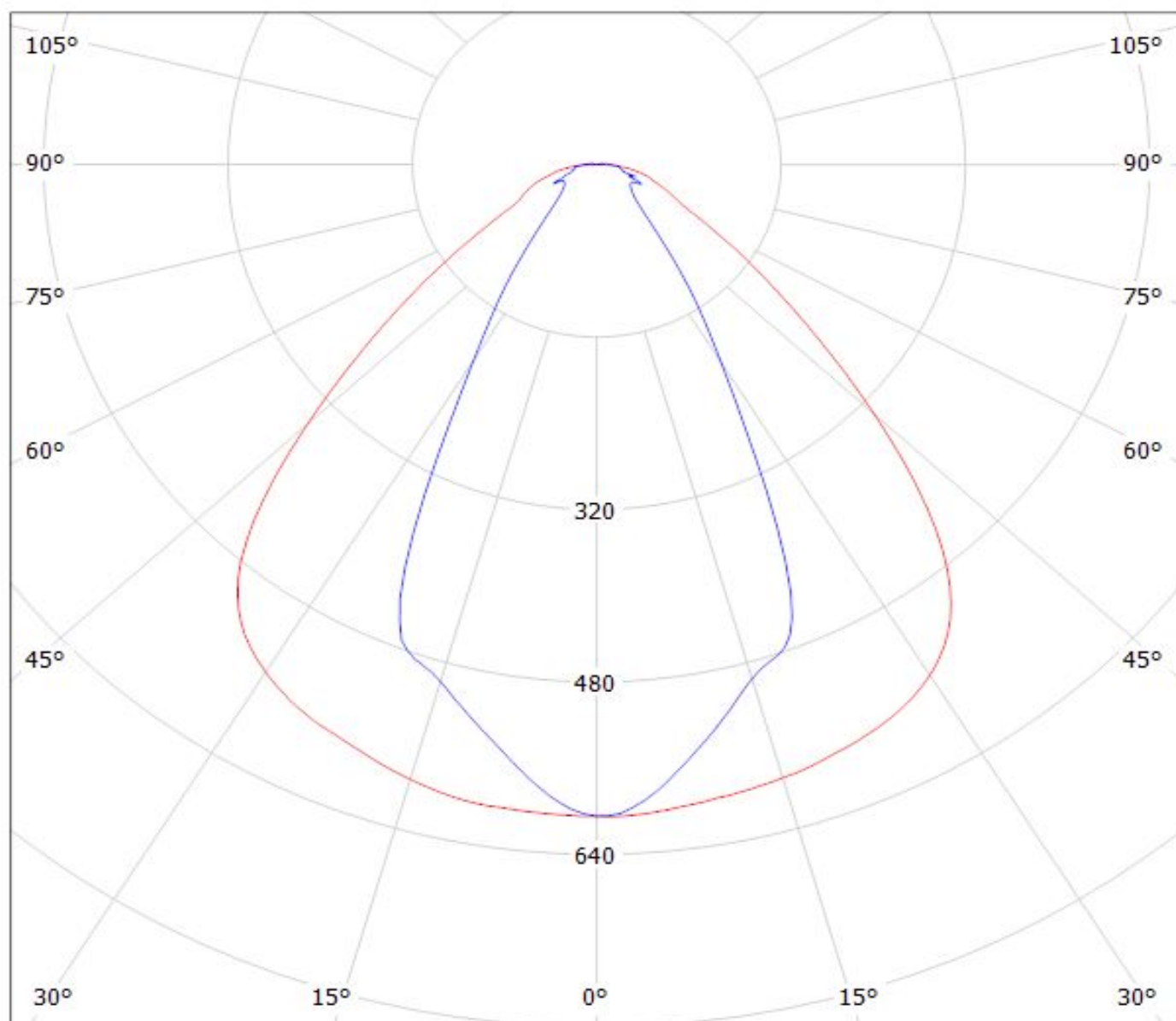
cd/klm

— C0 - C180 — C90 - C270

η = 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

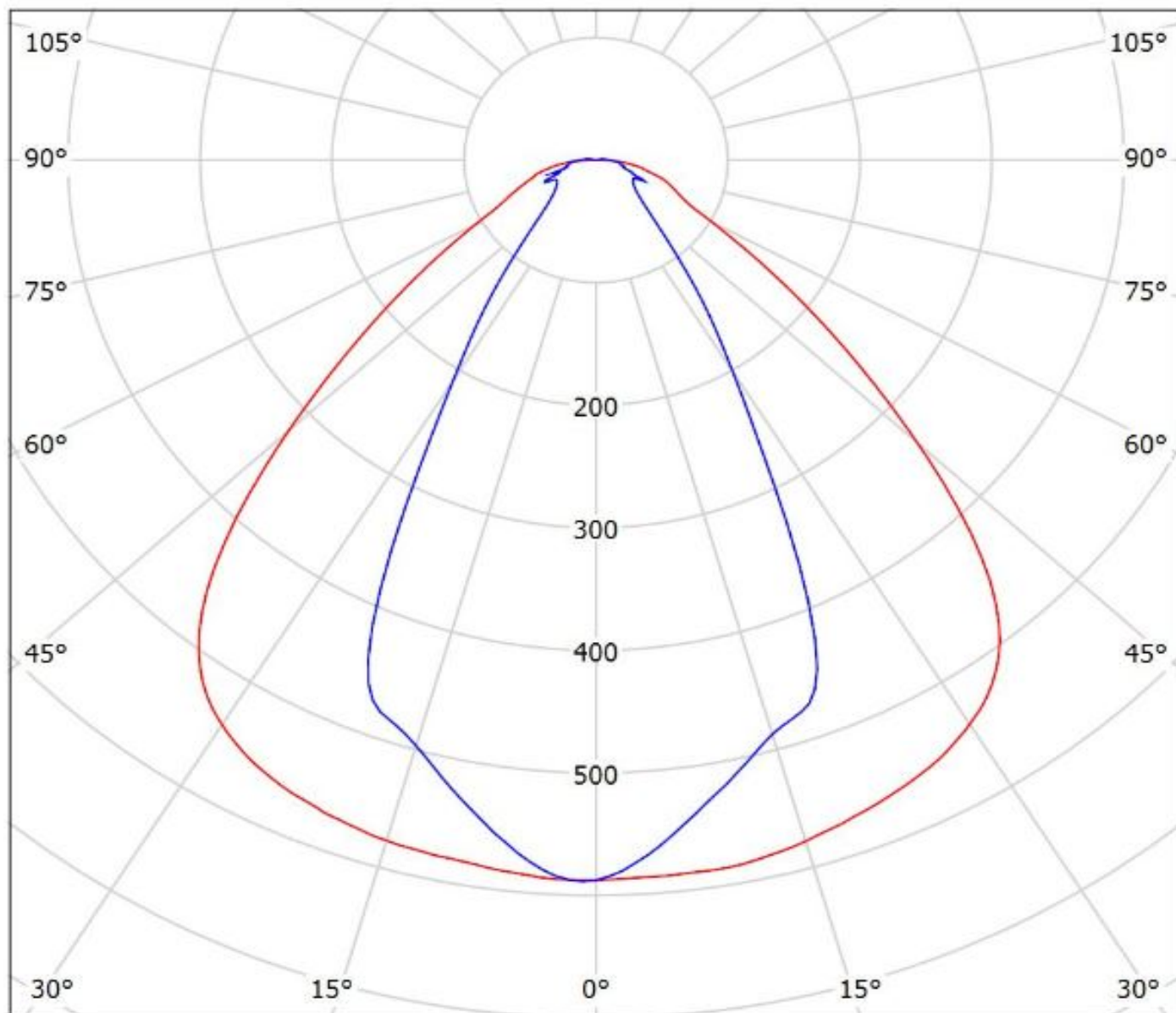
— C0 - C180

— 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



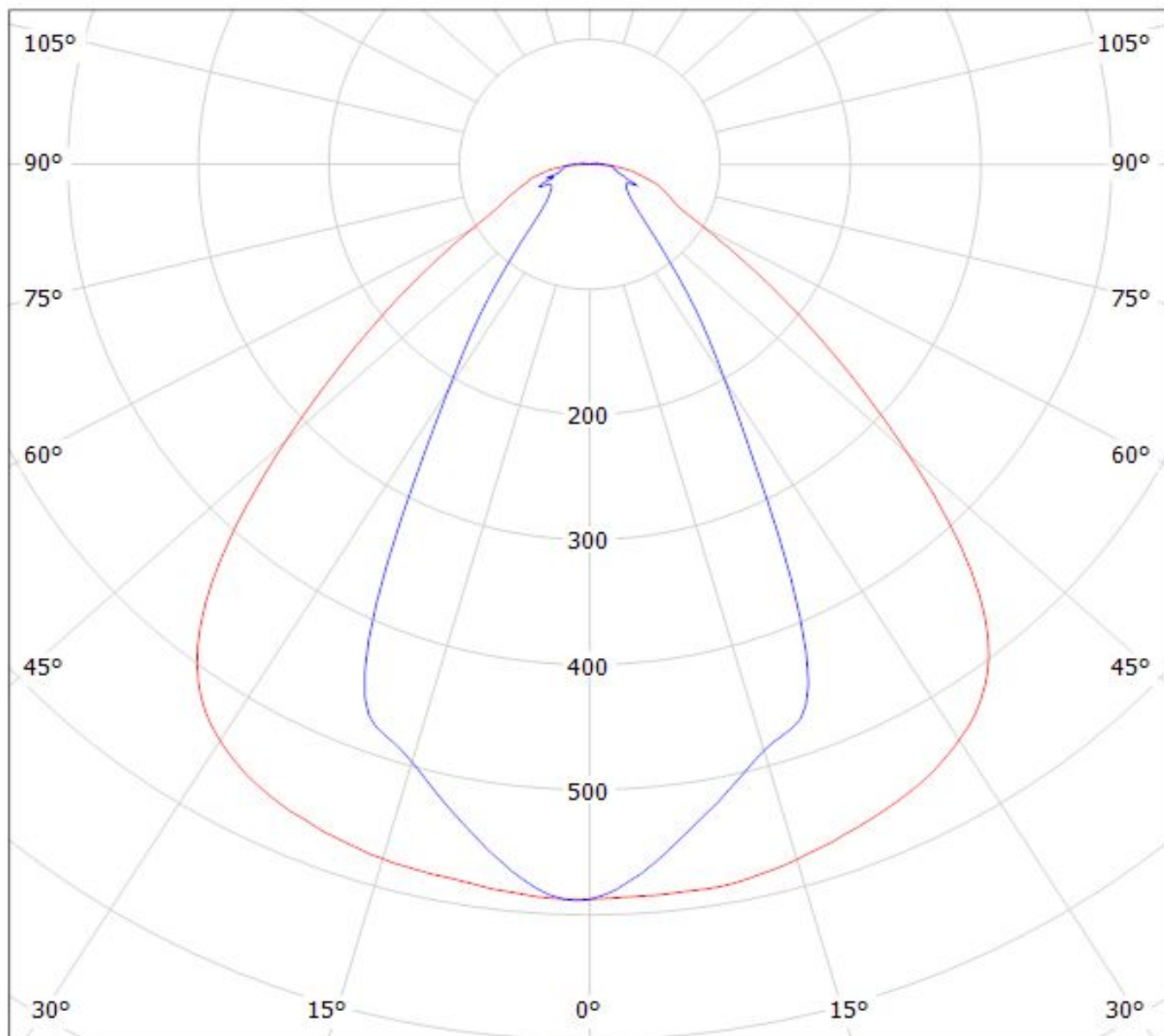
cd/klm

— 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

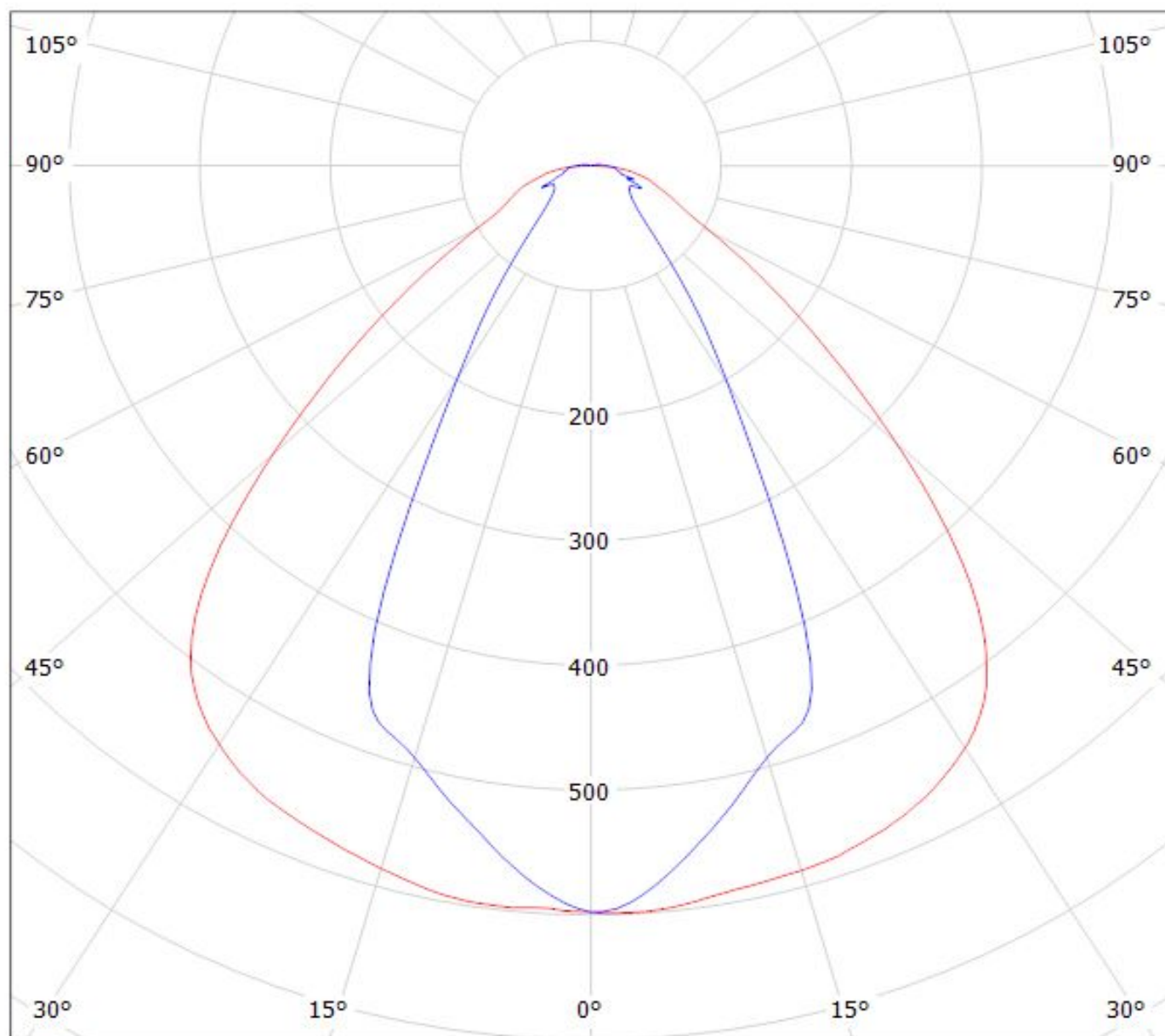
$\eta = 85\%$

— C0 - C180

— C90 - C270

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

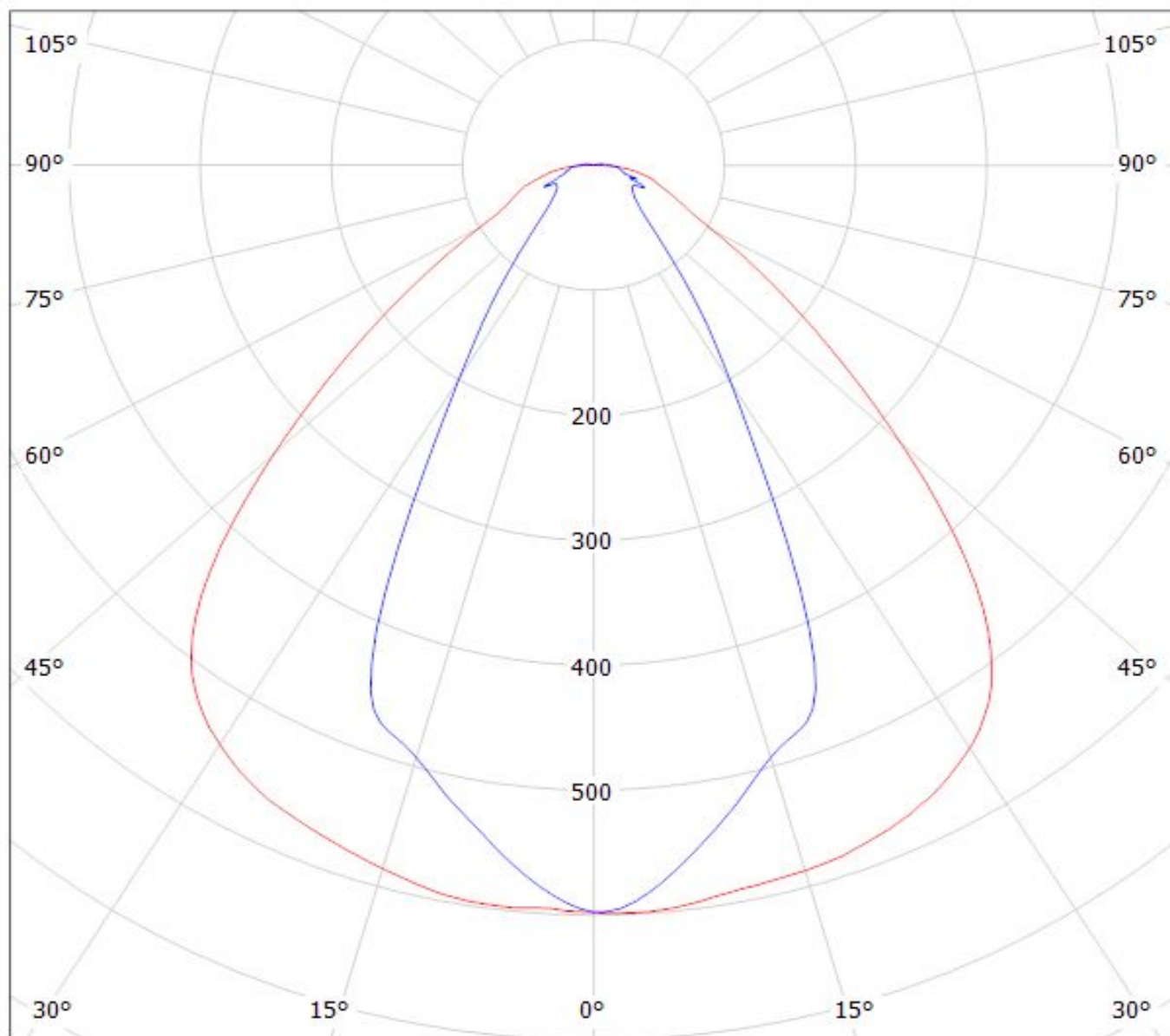
— C0 - C180

— 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

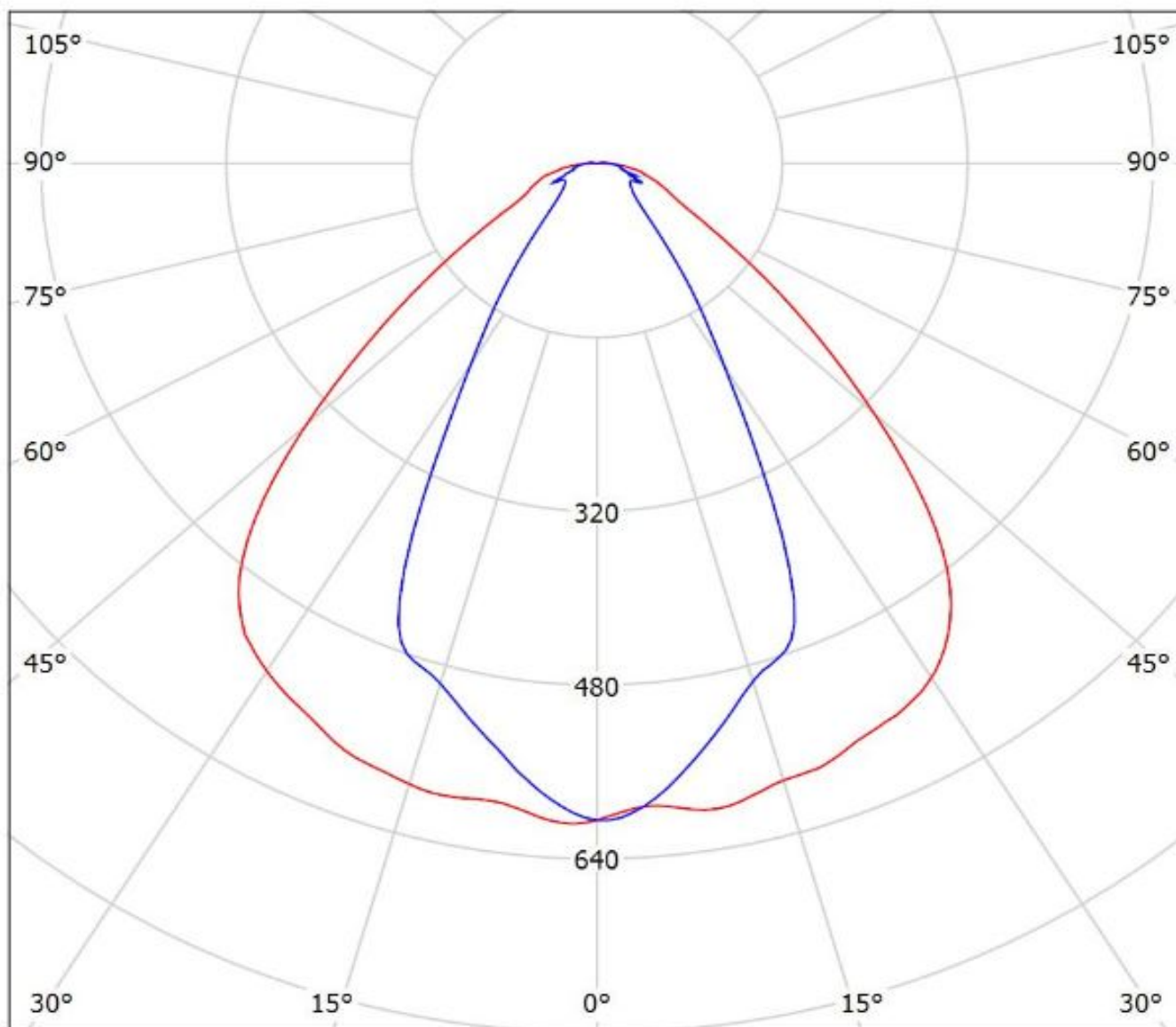
— C0 - C180

— 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

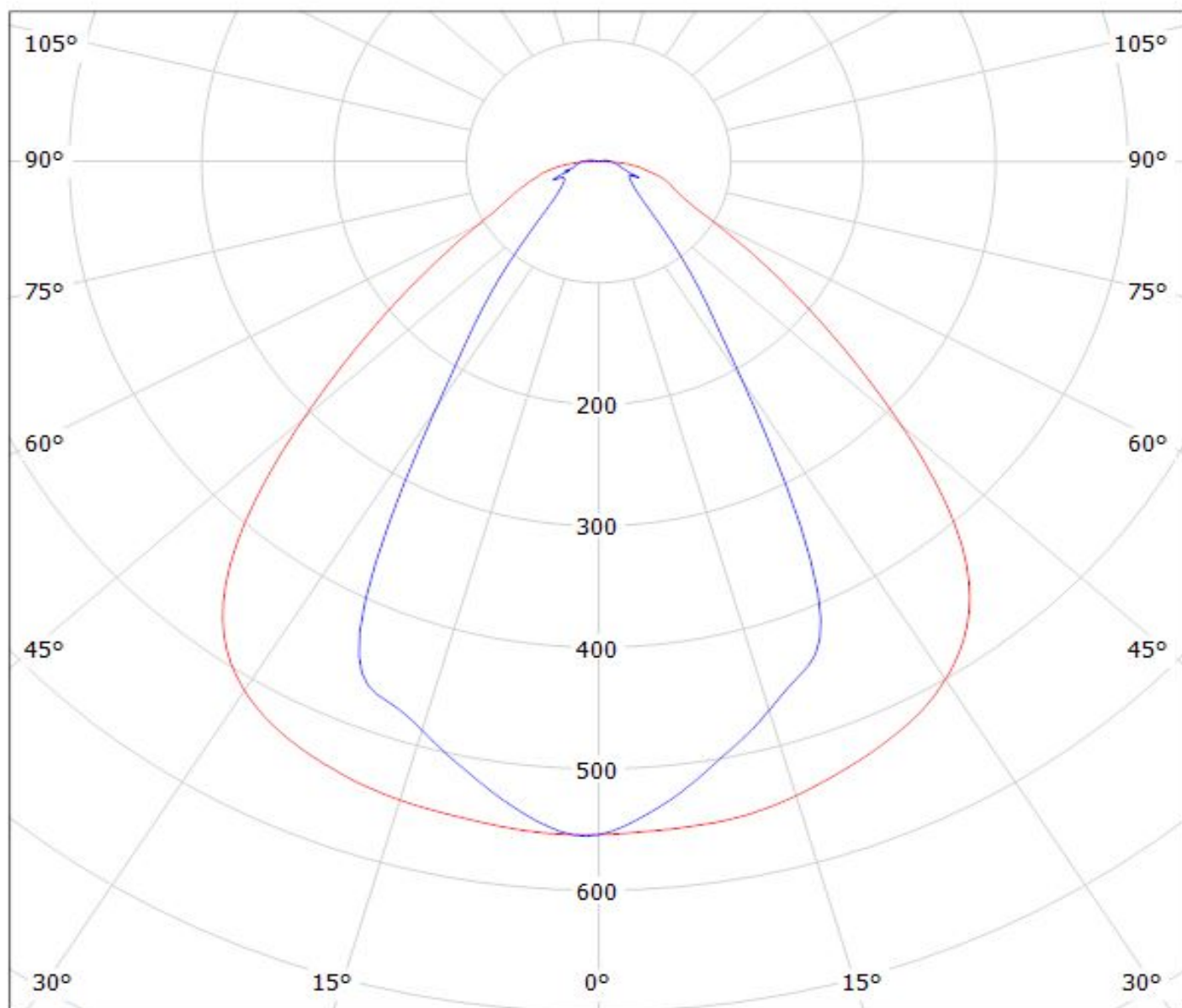


cd/klm

— 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



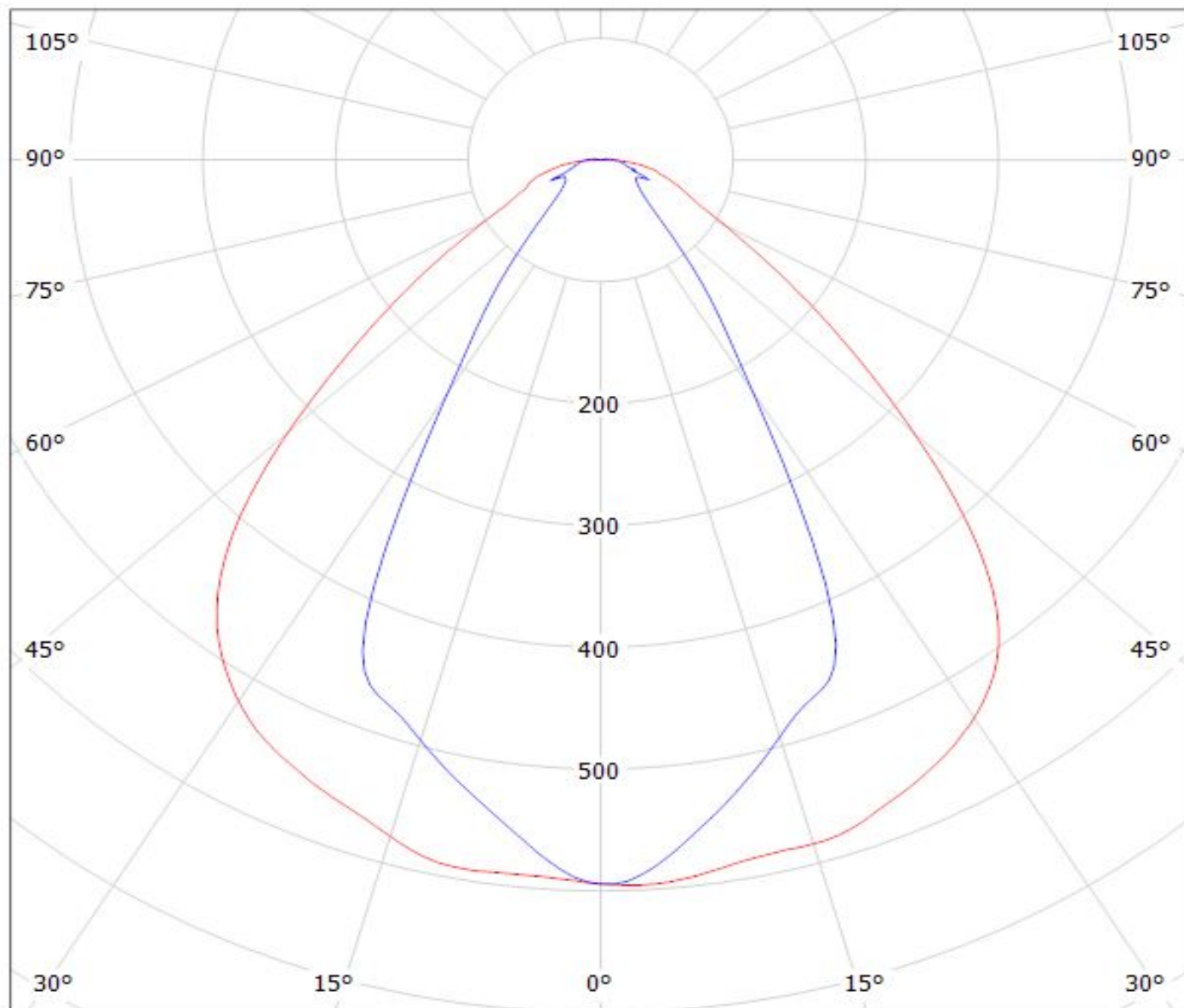
cd/klm

— 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

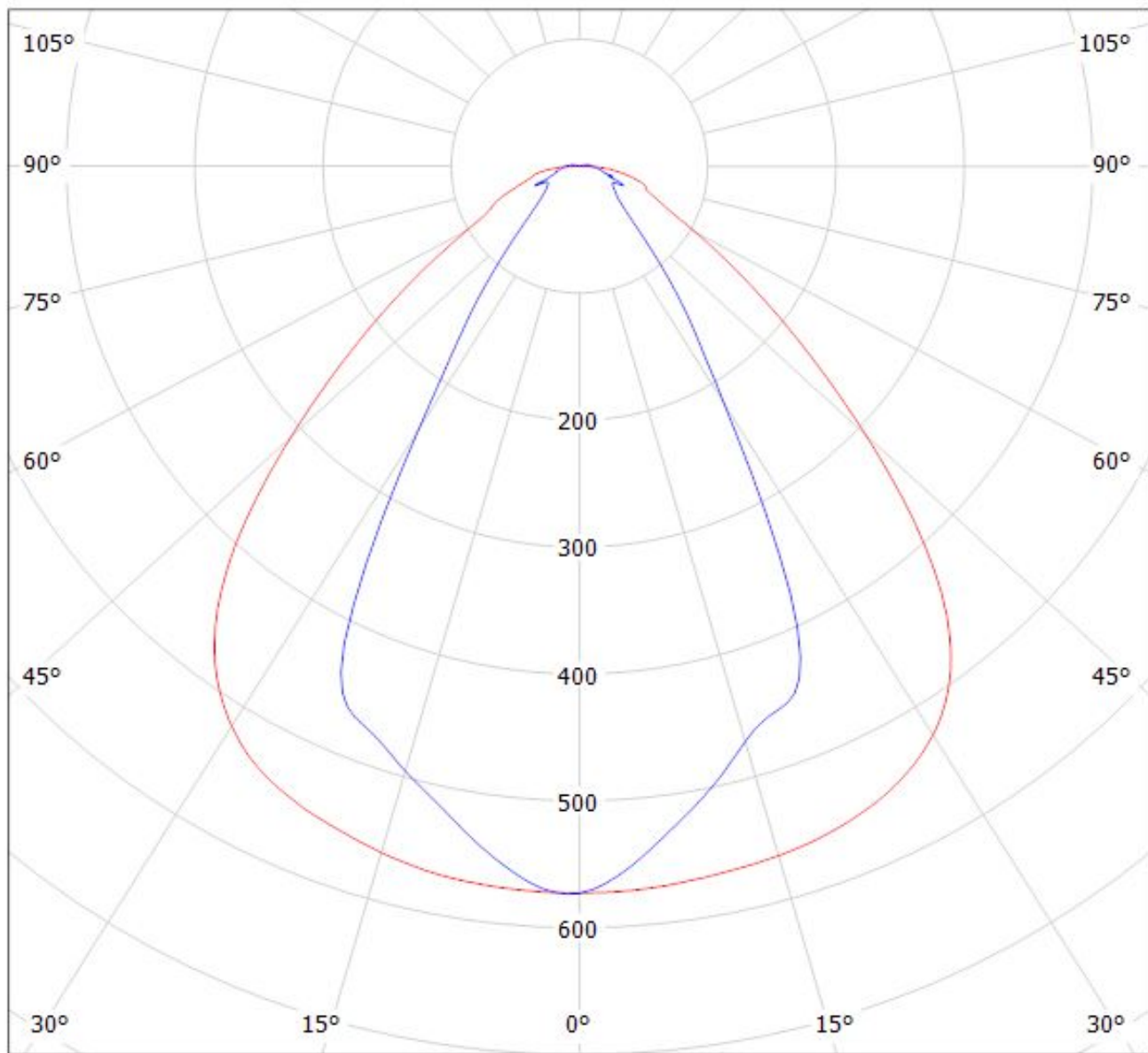
— C90 - C270

$\eta = 86\%$

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



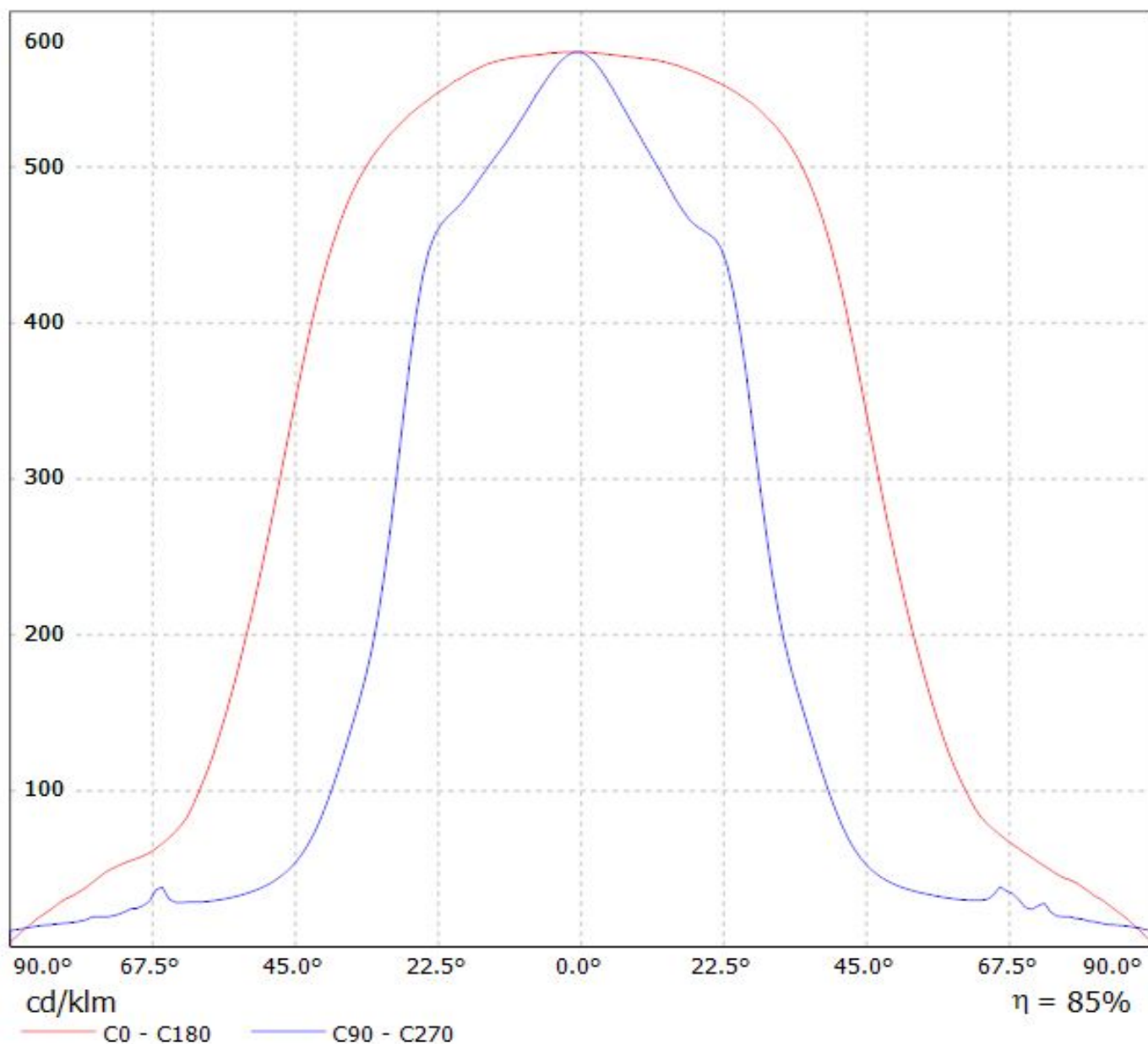
cd/klm

— C0 - C180

— C90 - C270

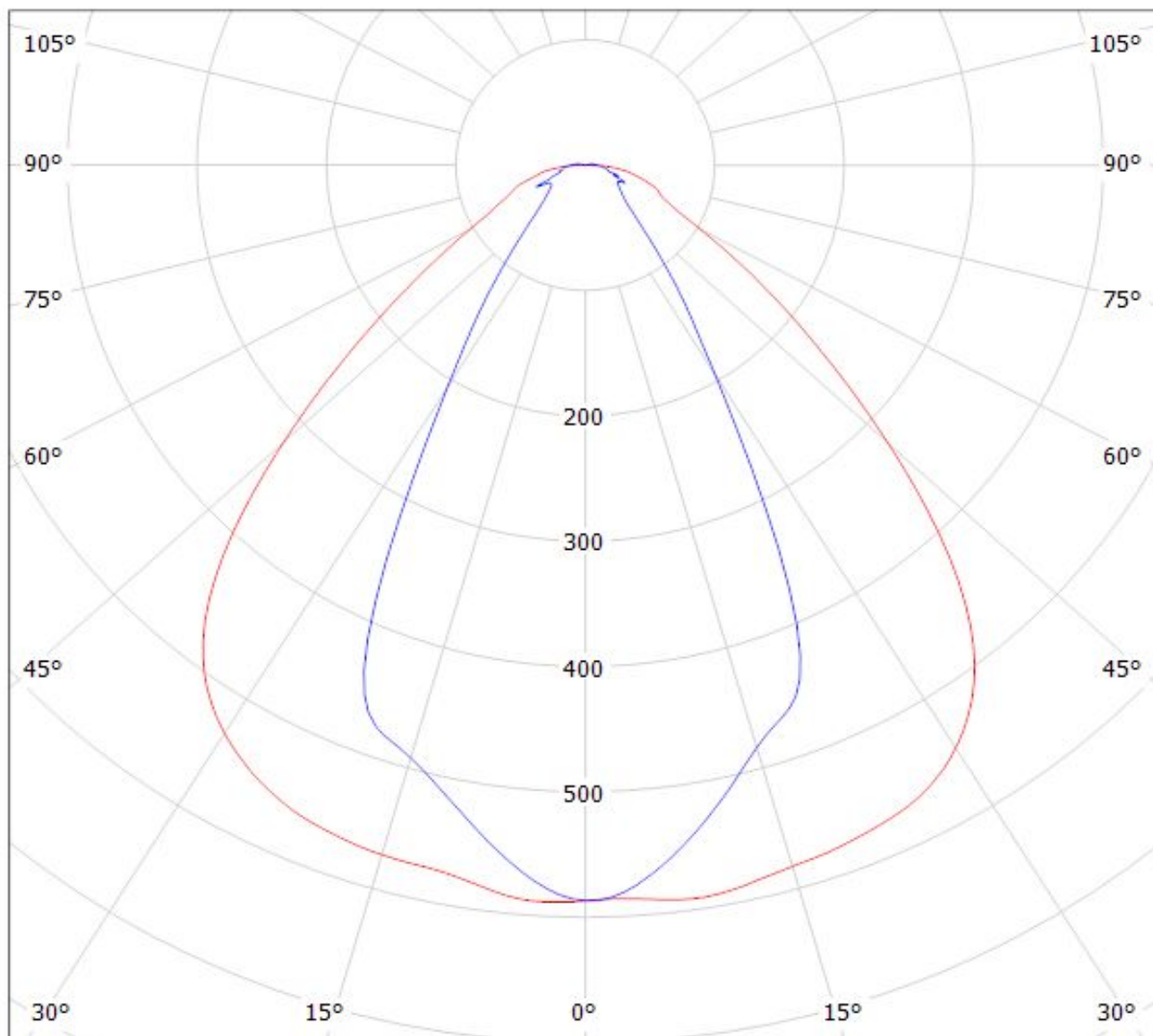
$\eta = 85\%$

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

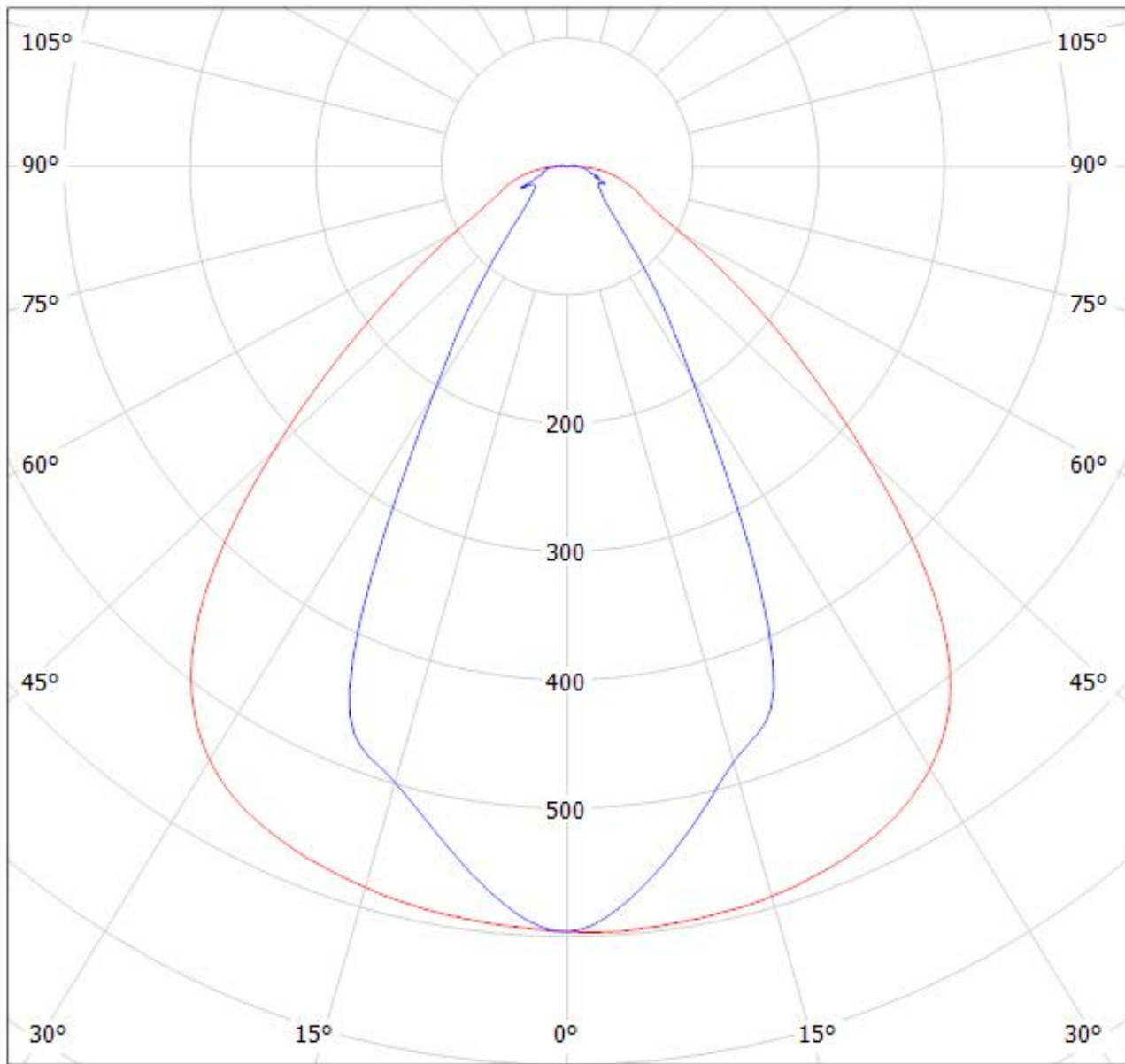
— C0 - C180

— 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.

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