

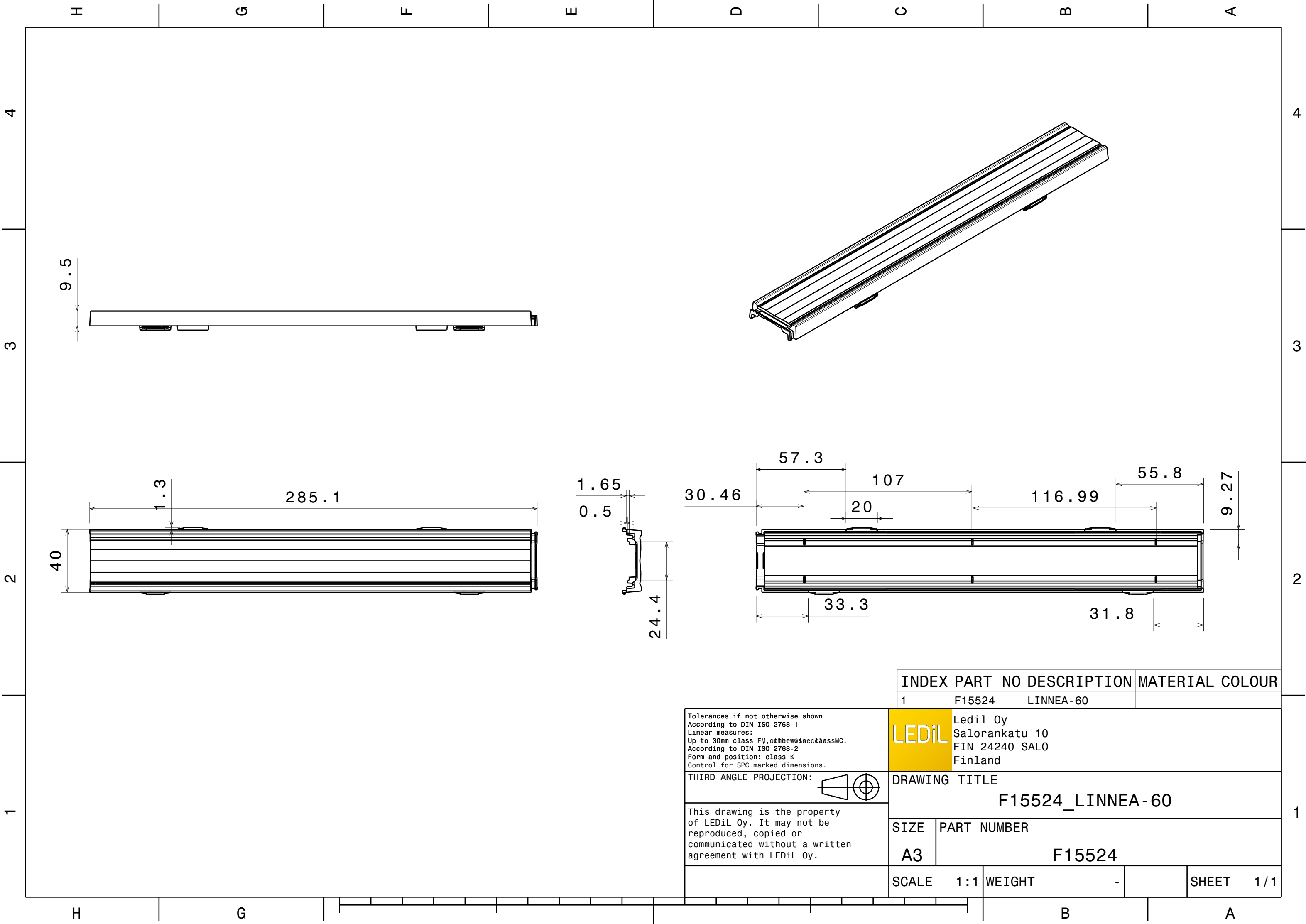
DETAILS

Product Number	F15941_LINNEA-60-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	Efficiency	cd/lm	Connector
XP-E	96+54 deg		83 %	0.590	-
NFSx757G	96+59 deg		83 %	0.560	-
PrevaLED Linear Slim 3 (2000lm)	96+58 deg		84 %	0.570	-
Duris S5 (2 chip)	95+57 deg		85 %	0.580	-
Duris S5 (Single chip)	96+57 deg		86 %	0.590	-
Fortimo LED Strip 1ft 1100lm FC HV4 & LVS	95+59 deg		85 %	0.580	-
Fortimo LED Strip 1ft 650lm FC HV4 & LVS	95+59 deg		84 %	0.570	-
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	-
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	-

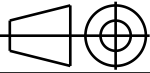


INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	F15524	LINNEA-60		

Tolerances if not otherwise shown
According to DIN ISO 2768-1
Linear measures:
Up to 30mm class F, other than as specified
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

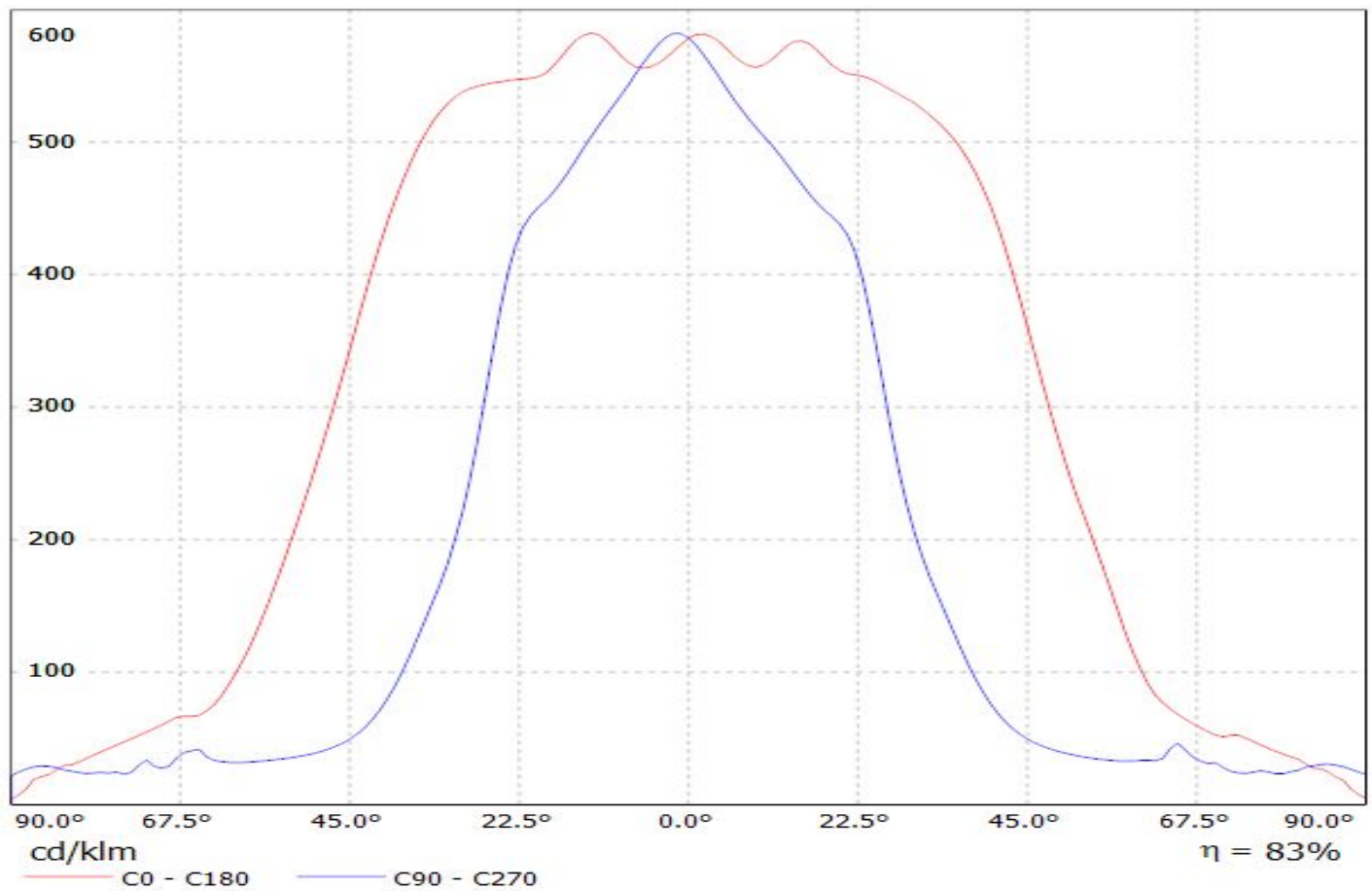
This drawing is the property
of LEDiL Oy. It may not be
reproduced, copied or
communicated without a written
agreement with LEDiL Oy.

SIZE PART NUMBER
A3 F15524

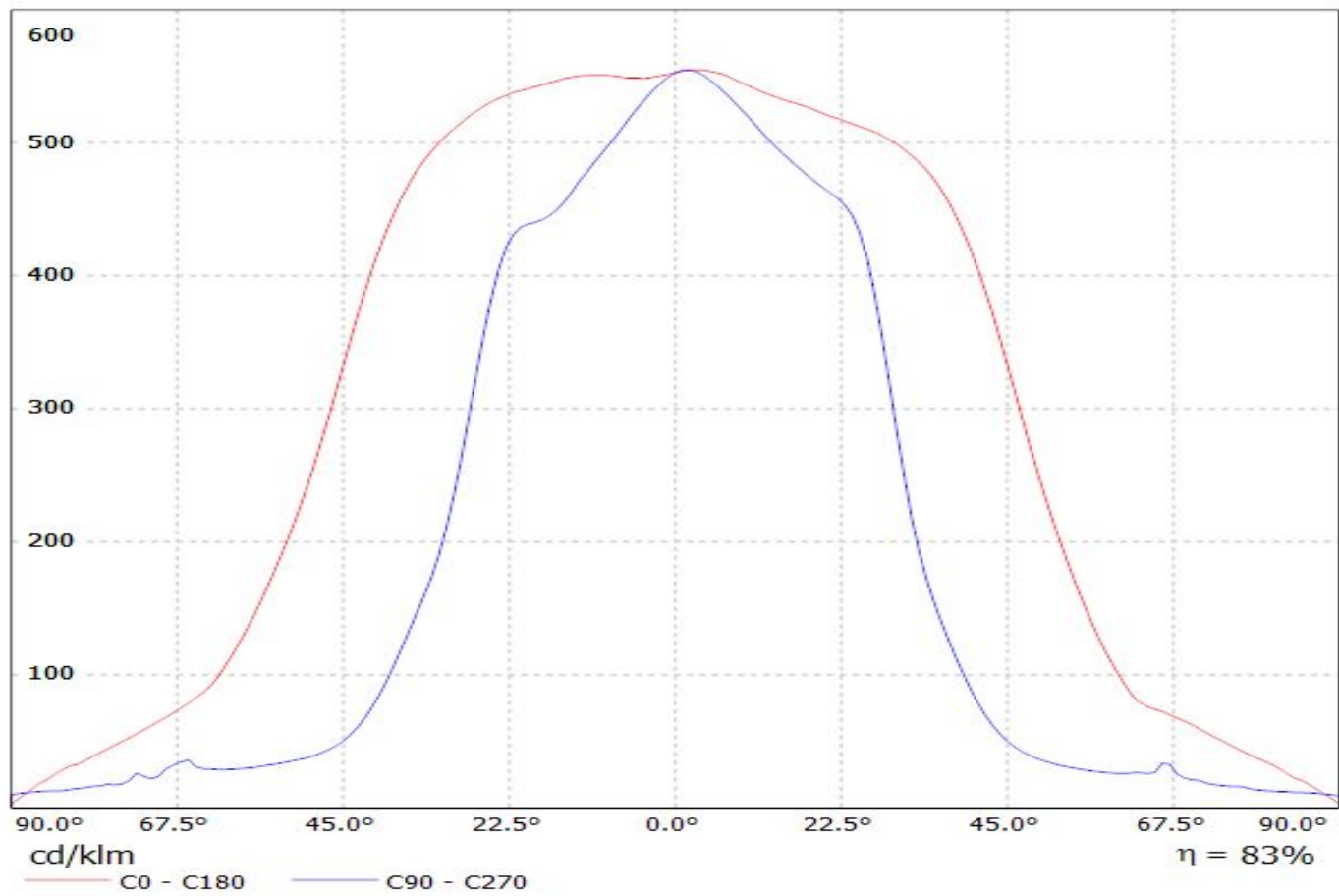
SCALE 1:1 WEIGHT - SHEET 1/1

Luminaire: LEDiL Oy F15941_LINNEA-60-B_(XP-E)

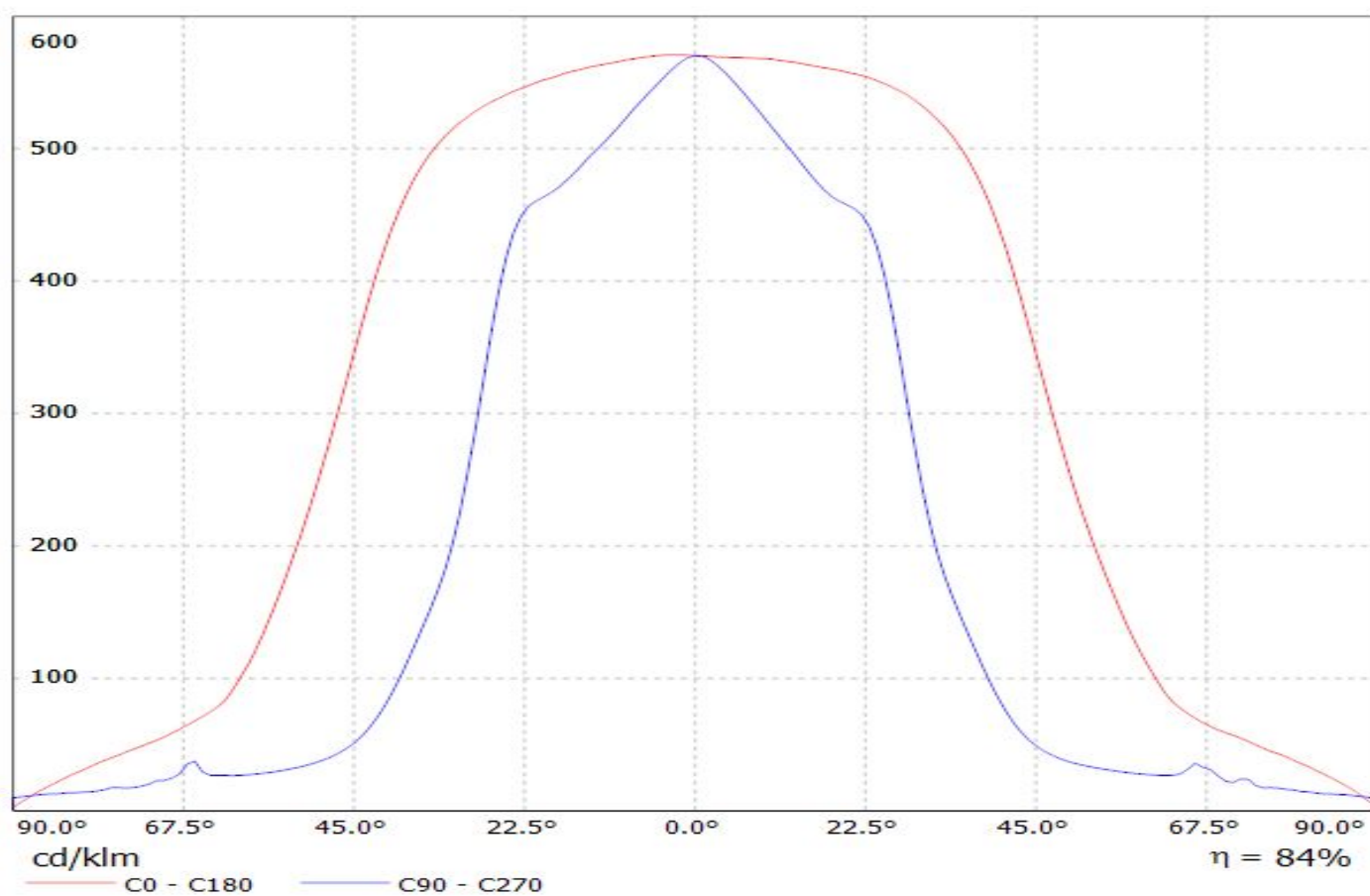
Lamps: 1 x Cree_XP-E_x12_(XPEWHT-L1-3C0-Q5-0-00)_920.665lm@250mA_P=9.07548W_U=36.329V



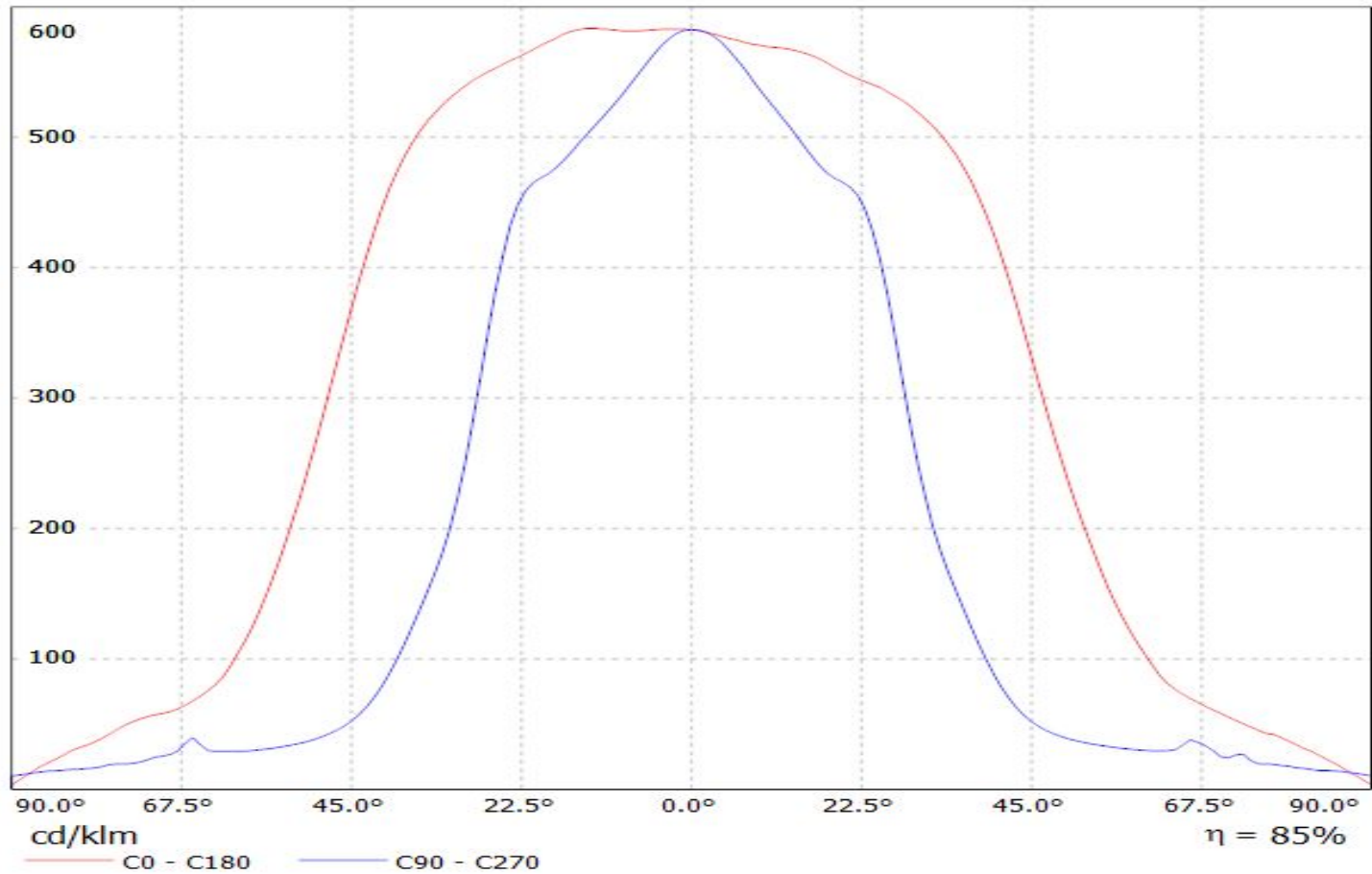
Luminaire: LEDiL Oy F15941 LINNEA-60-B_(NFSx757G)
Lamps: 1 x Nichia_NFSx757Gx12_389.068lm@65mA_P=2.23905W_U=34.391V



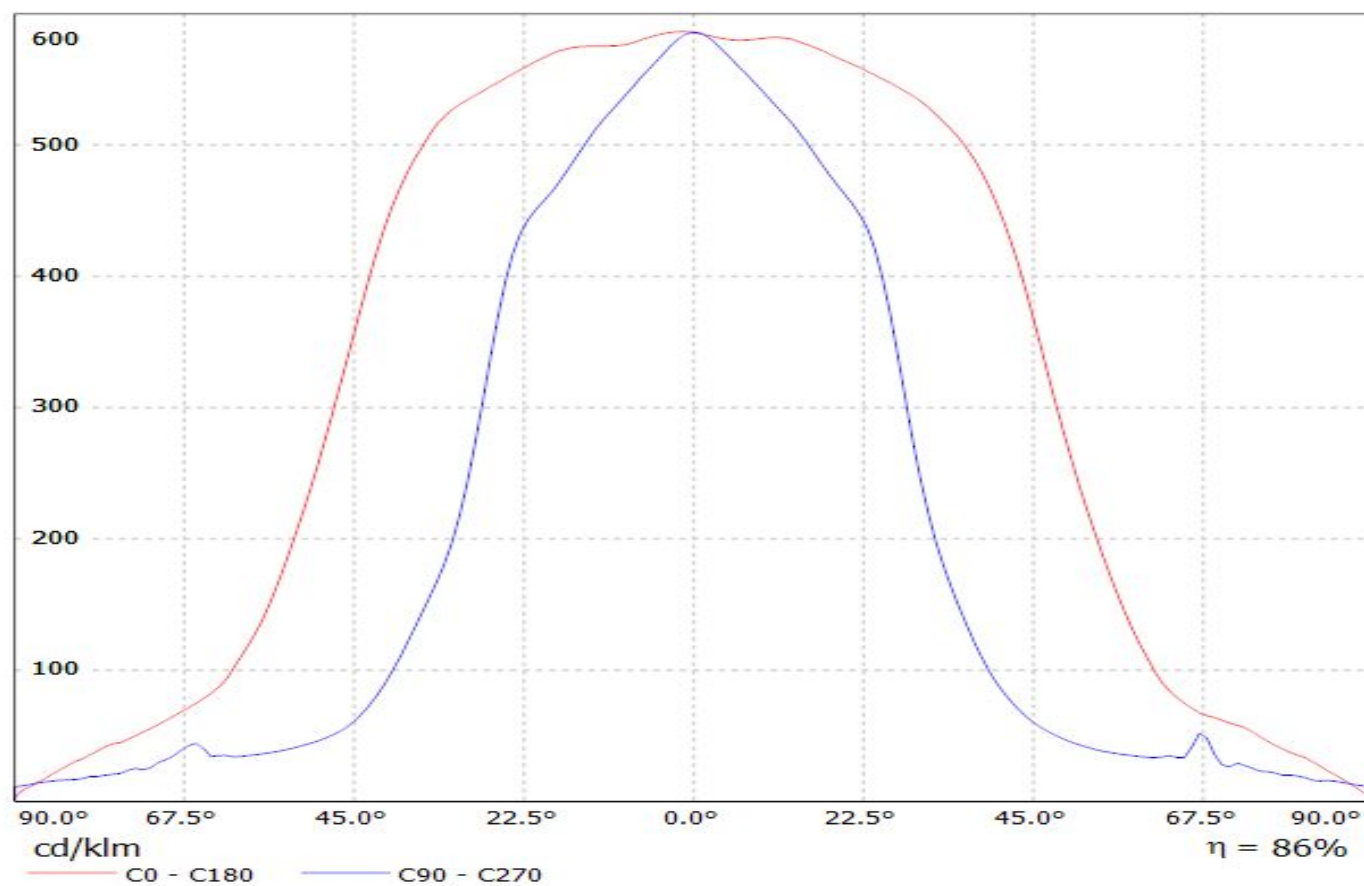
Luminaire: Ledil F15941_LINNEA-60-B_(Prevaled_Linear_Slim_3)
Lamps: 1 x Osram_Prevaled_Linear_Slim_3_(PL-LIN S-Z3-2000-840-280)
_1949.14lm@300mA_CCT=4000K_P=12.0015W_U=40.179V



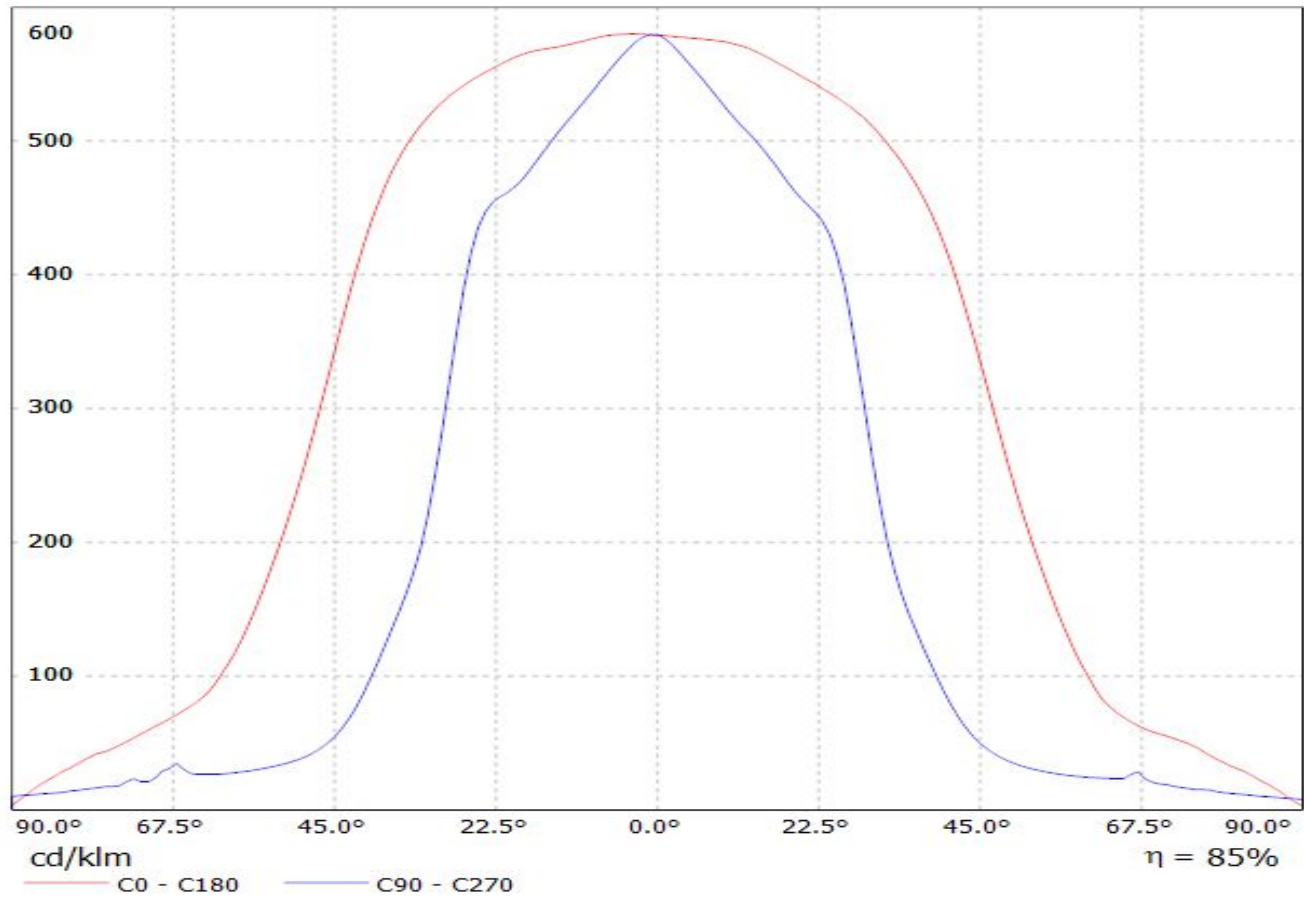
Luminaire: Ledil F15941_LINNEA-60-B_(Duris_S5)
Lamps: 1 x Osram_Duris_S5_1183.73lm@250mA_P=8.66003W_U=34.724V



Luminaire: LEDiL Oy F15941_LINNEA-60-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

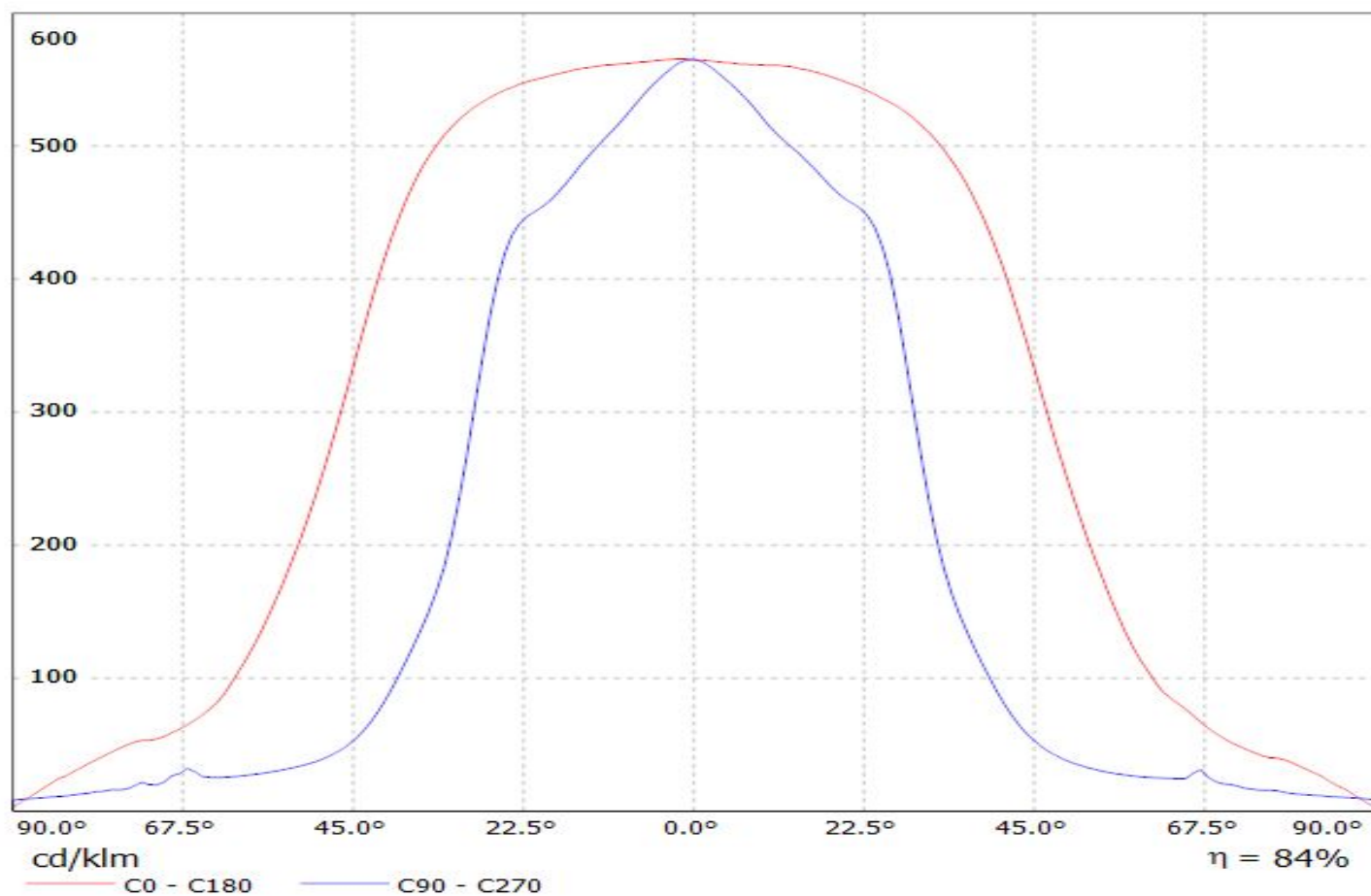


Luminaire: Ledil F15941_LINNEA-60-B_(Fortimo_LED_Strip_1ft_1100lm_FC_HV4)
Lamps: 1 x Philips_Fortimo_LED_Strip_1ft_1100lm_930_FC_HV4_735.772lm@250mA_P=5.6145W_U=22.496V



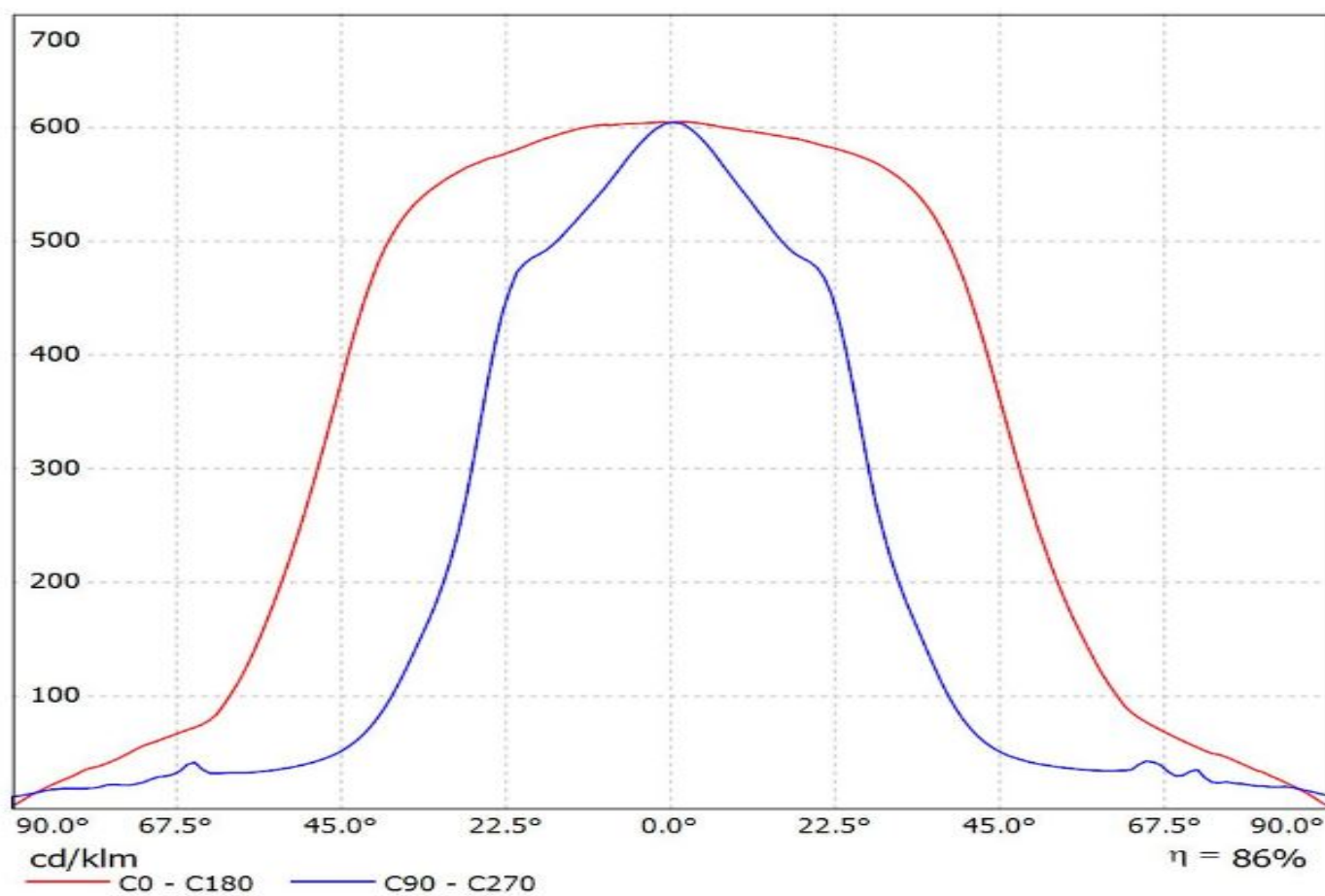
Luminaire: Ledil F15941_LINNEA-60-B_(Fortimo_LED_Strip_1ft_650lm_FC_LV4)

Lamps: 1 x Philips_Fortimo_LED_Strip_1ft_650lm_FC_LV4_994.849lm@190mA_P=6.82273W_U=35.99V

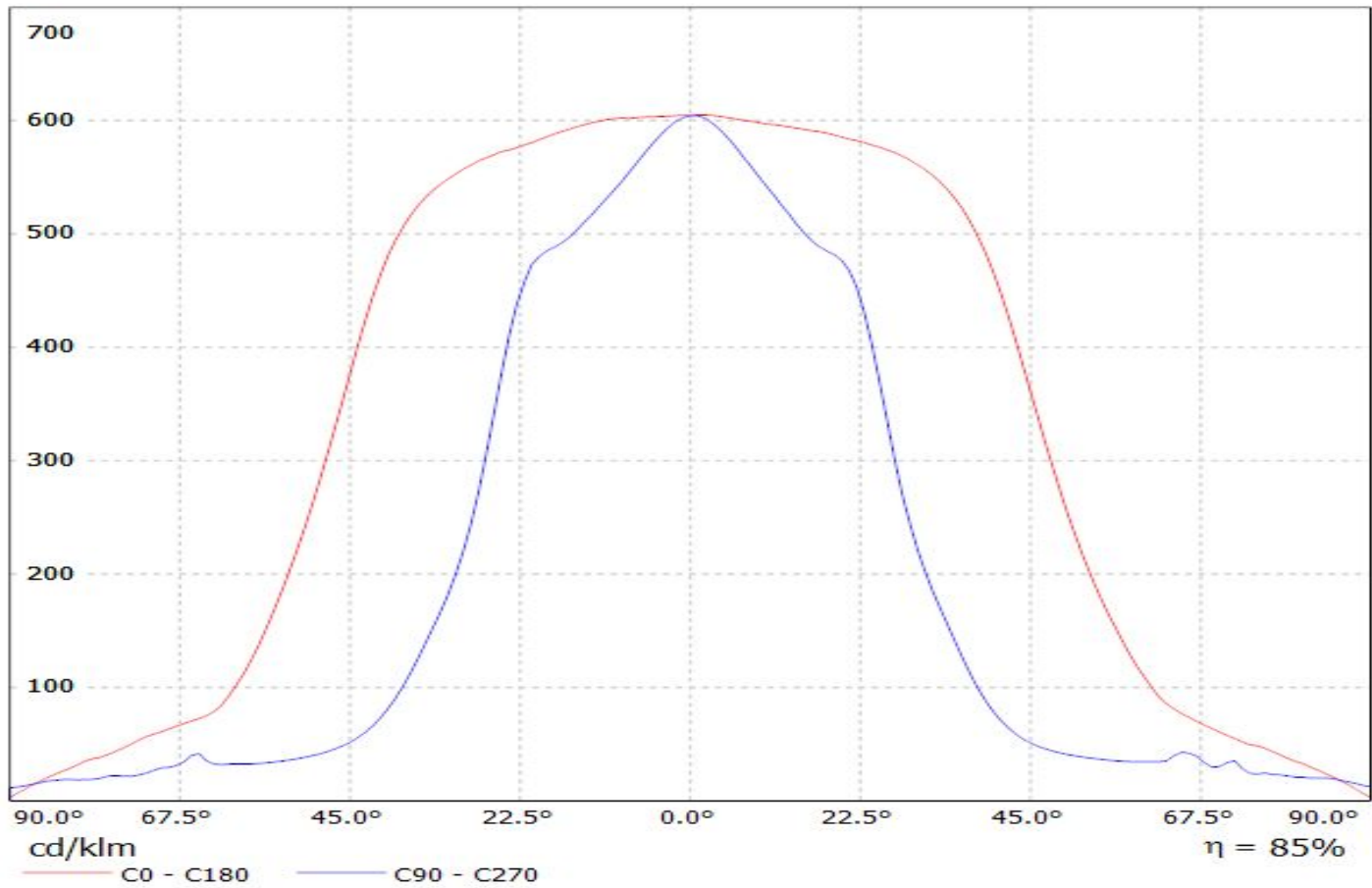


Luminaire: Ledil F15941 LINNEA-60-B (LT-V282E)

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

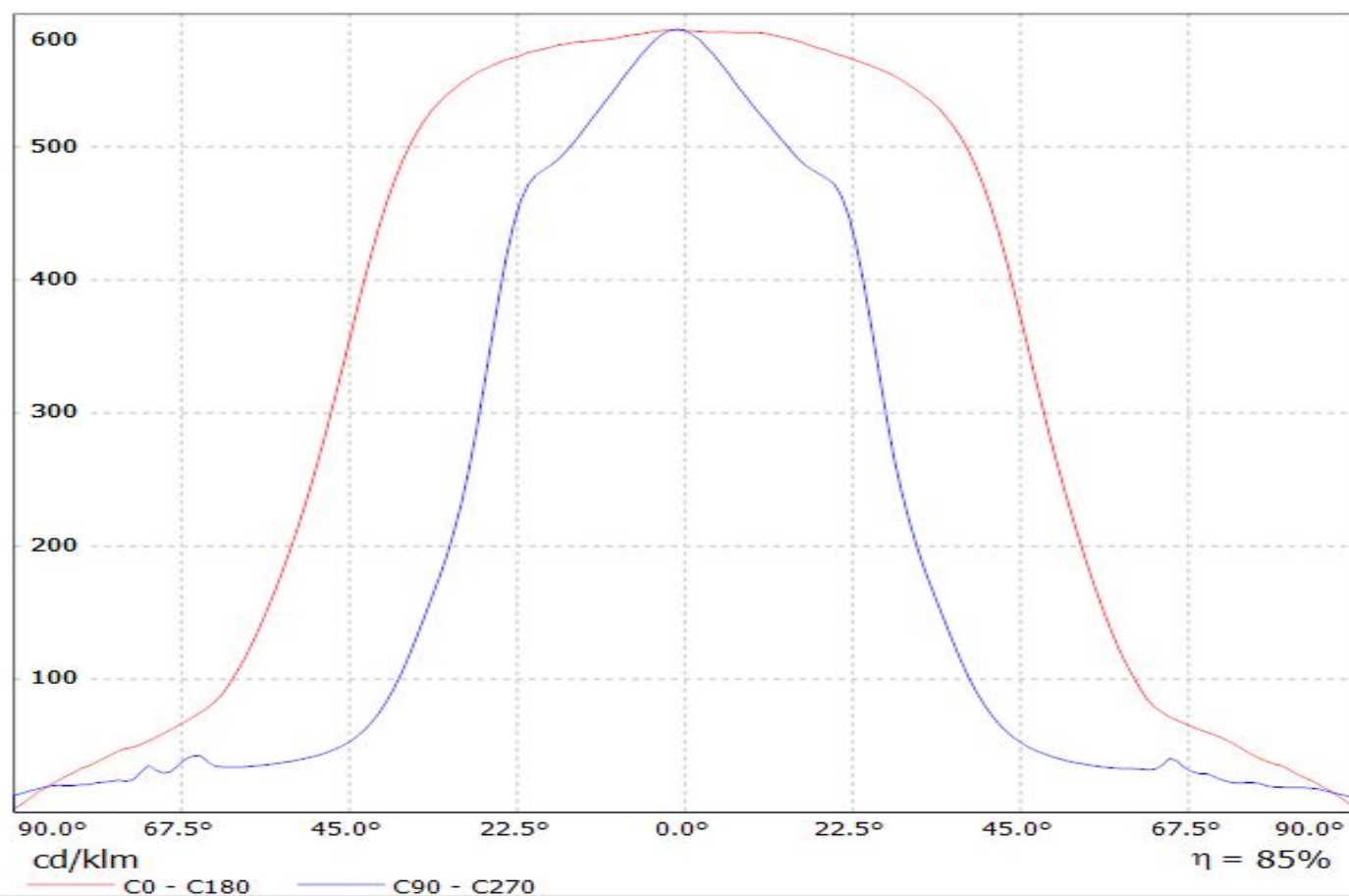


Luminaire: Ledil F15941_LINNEA-60-B_(LT-V562E)
Lamps: 1 x Samsung_LT-V562E_(LM281B)_2144.6lm@300mA_CCT=4000K_P=14.2854W_I=0.30A



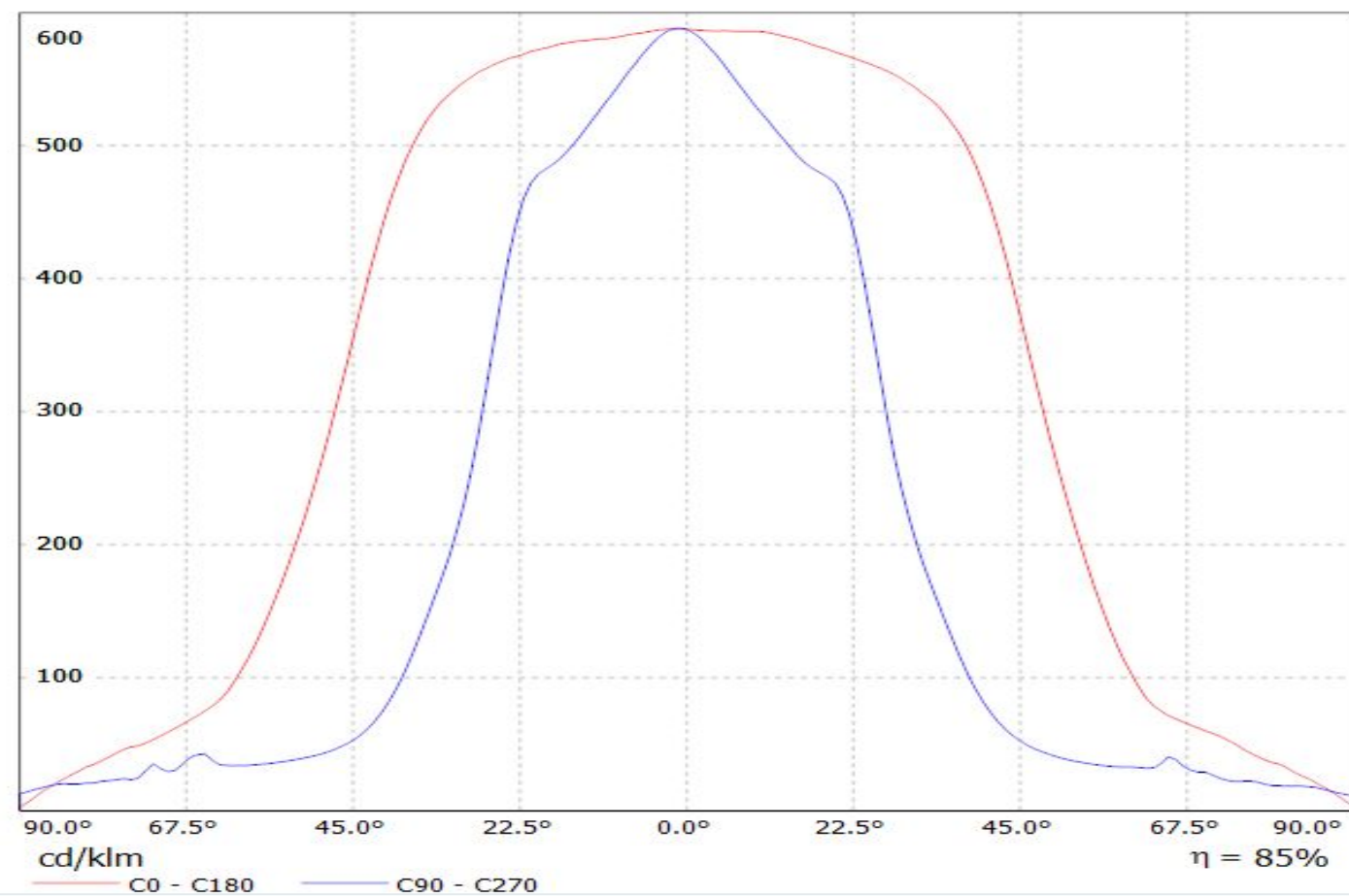
Luminaire: Ledil F15941_LINNEA-60-B_(LT-H282C)

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



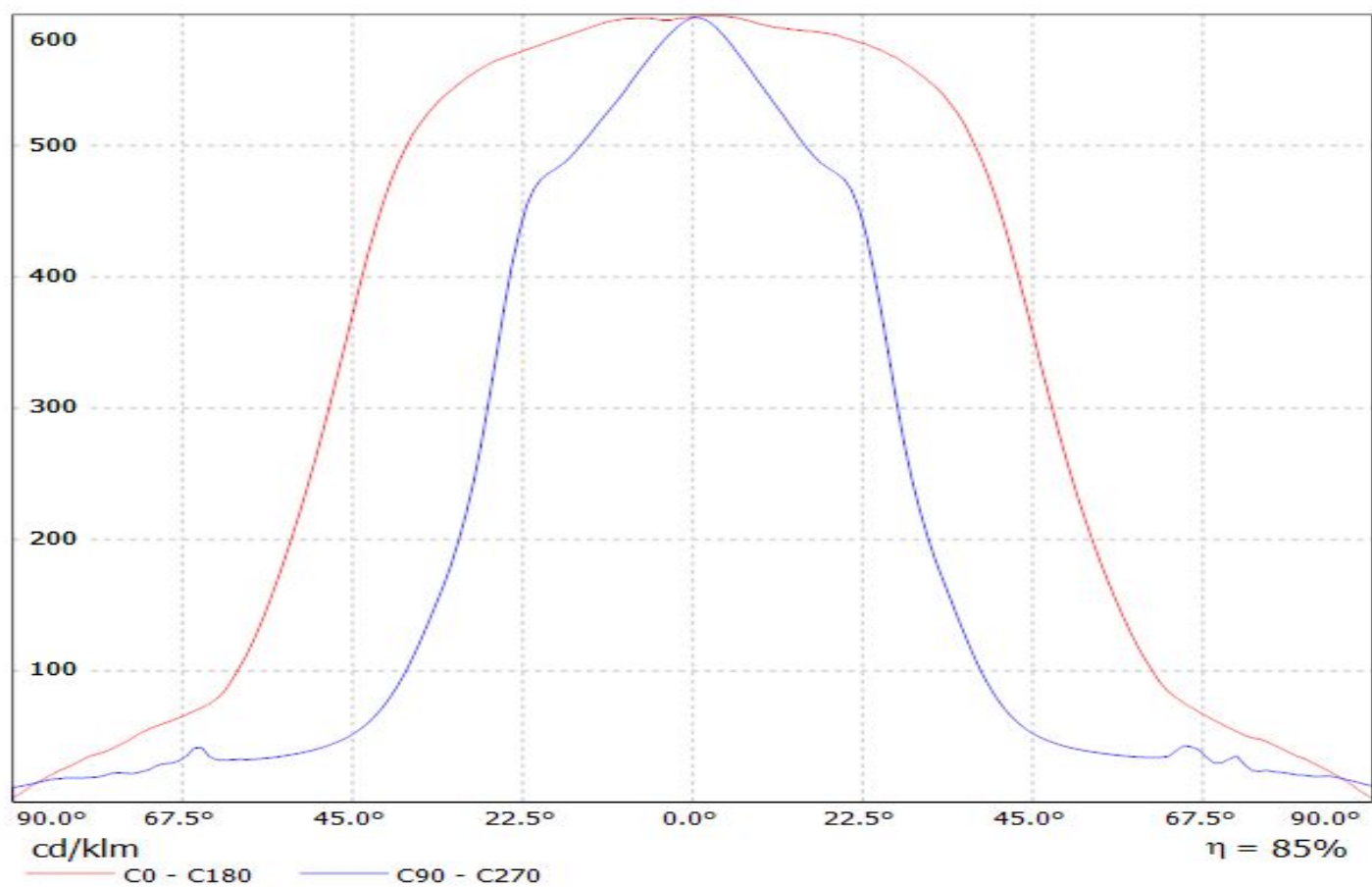
Luminaire: Ledil F15941_LINNEA-60-B_(LT-H562C)

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

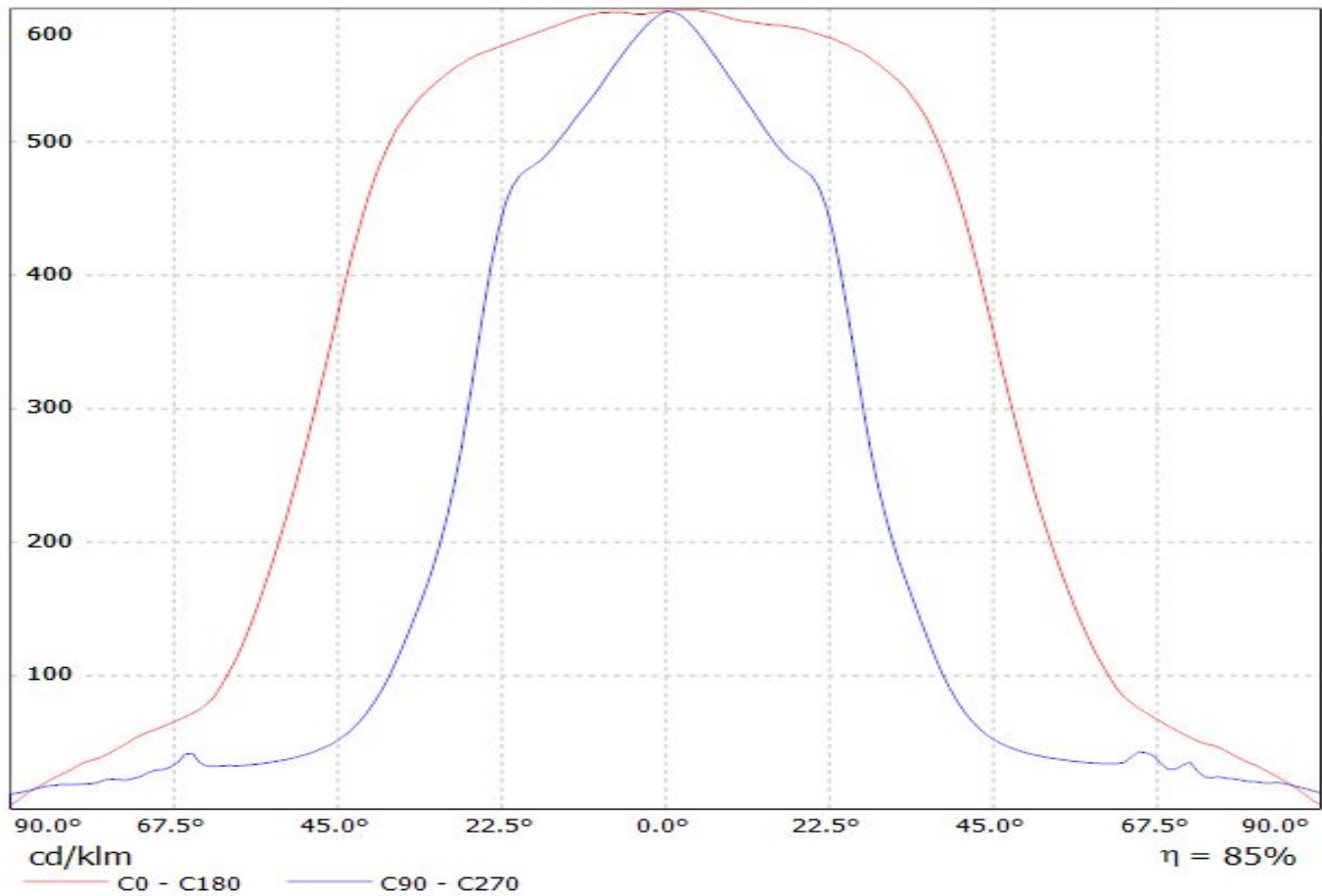


Luminaire: Ledil F15941 LINNEA-60-B (LT-S282H)

Lamps: 1 x Samsung LT-S282H (LM561B+) 1143.31lm@300mA_P=7.2W_I=0.30A

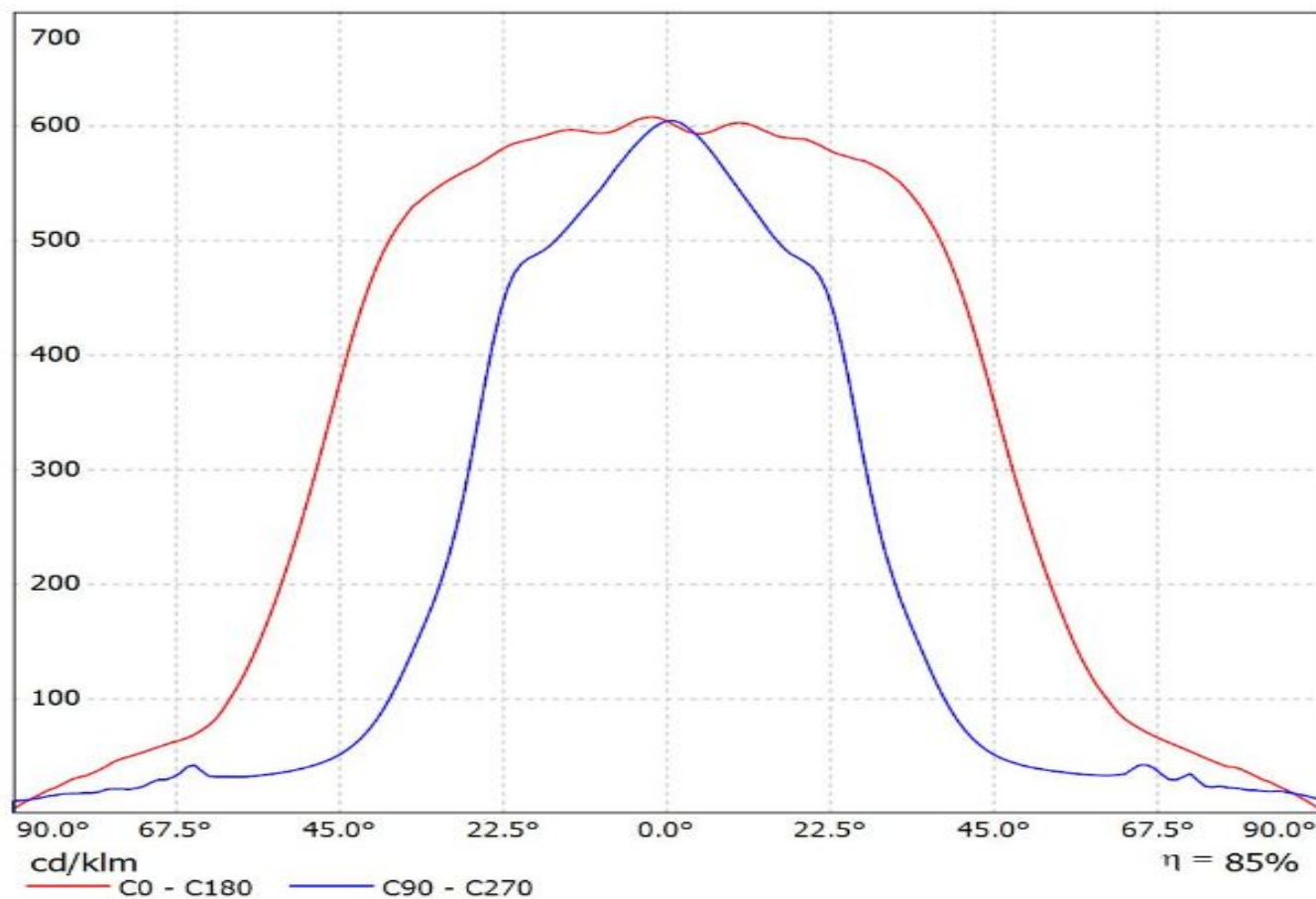


Luminaire: Ledil F15941_LINNEA-60-B_(LT-S562H)
Lamps: 1 x Samsung_LT-S562H_(LM561B+)_2286.62lm@300mA_P=14.4W_I=0.30A

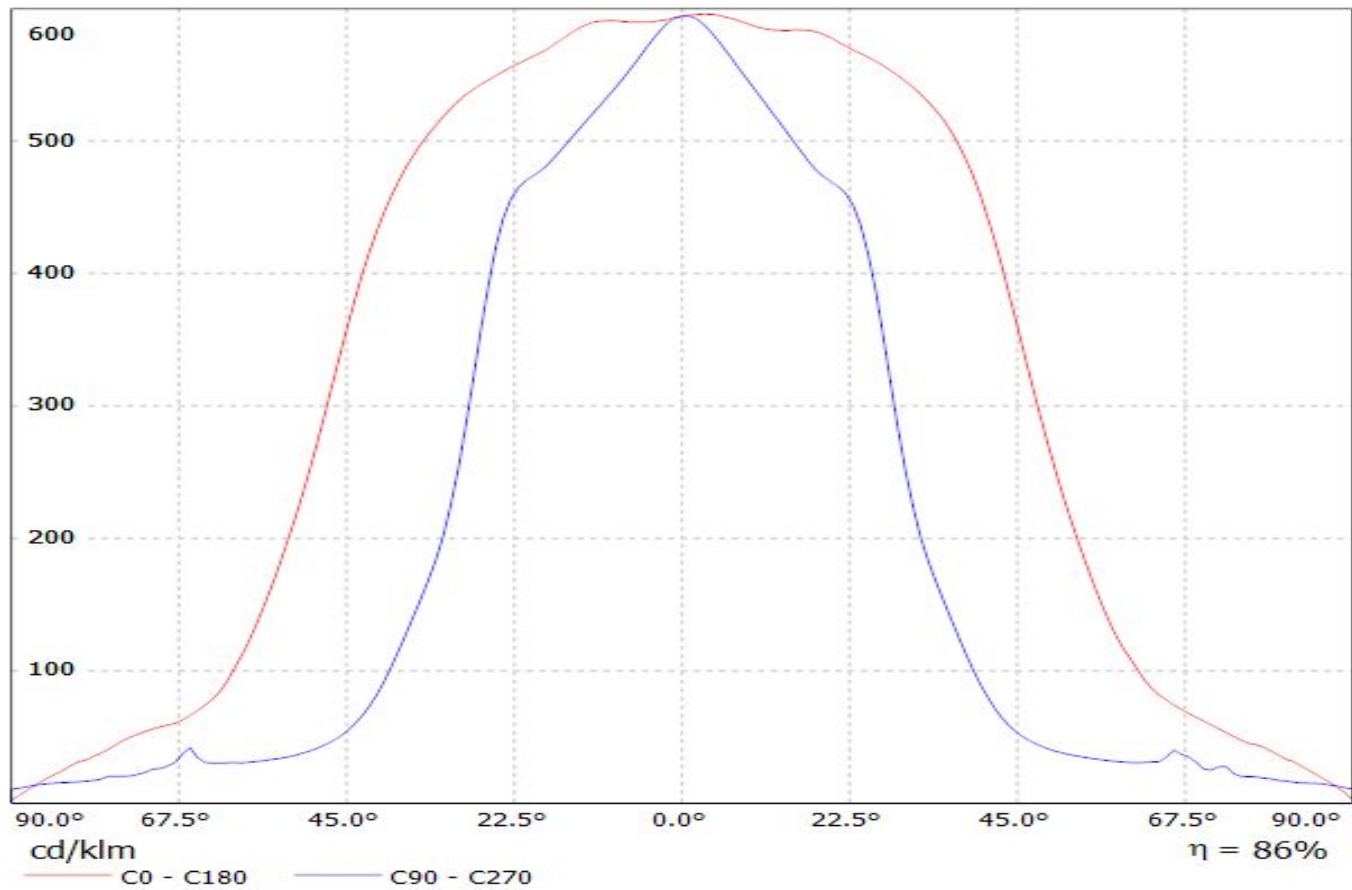


Luminaire: Ledil F15941 LINNEA-60-B_(LT-Q282B)

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



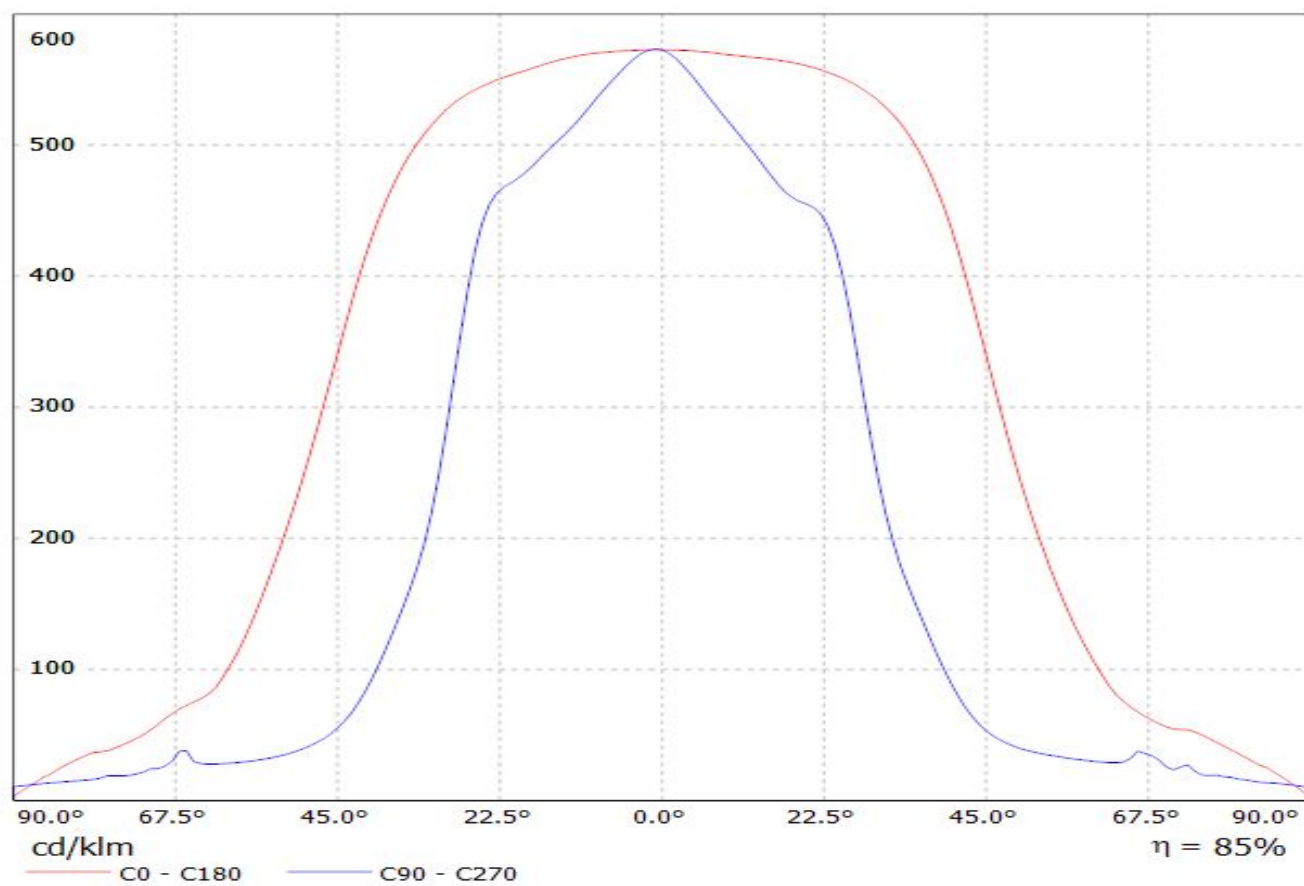
Luminaire: Ledil F15941_LINNEA-60-B_(SunLike_3030)
Lamps: 1 x SEOUL_SunLike_3030_(STW9C2PB-S)_2_240.649lm@0.65mA_P=2.30531W_U=35.538V



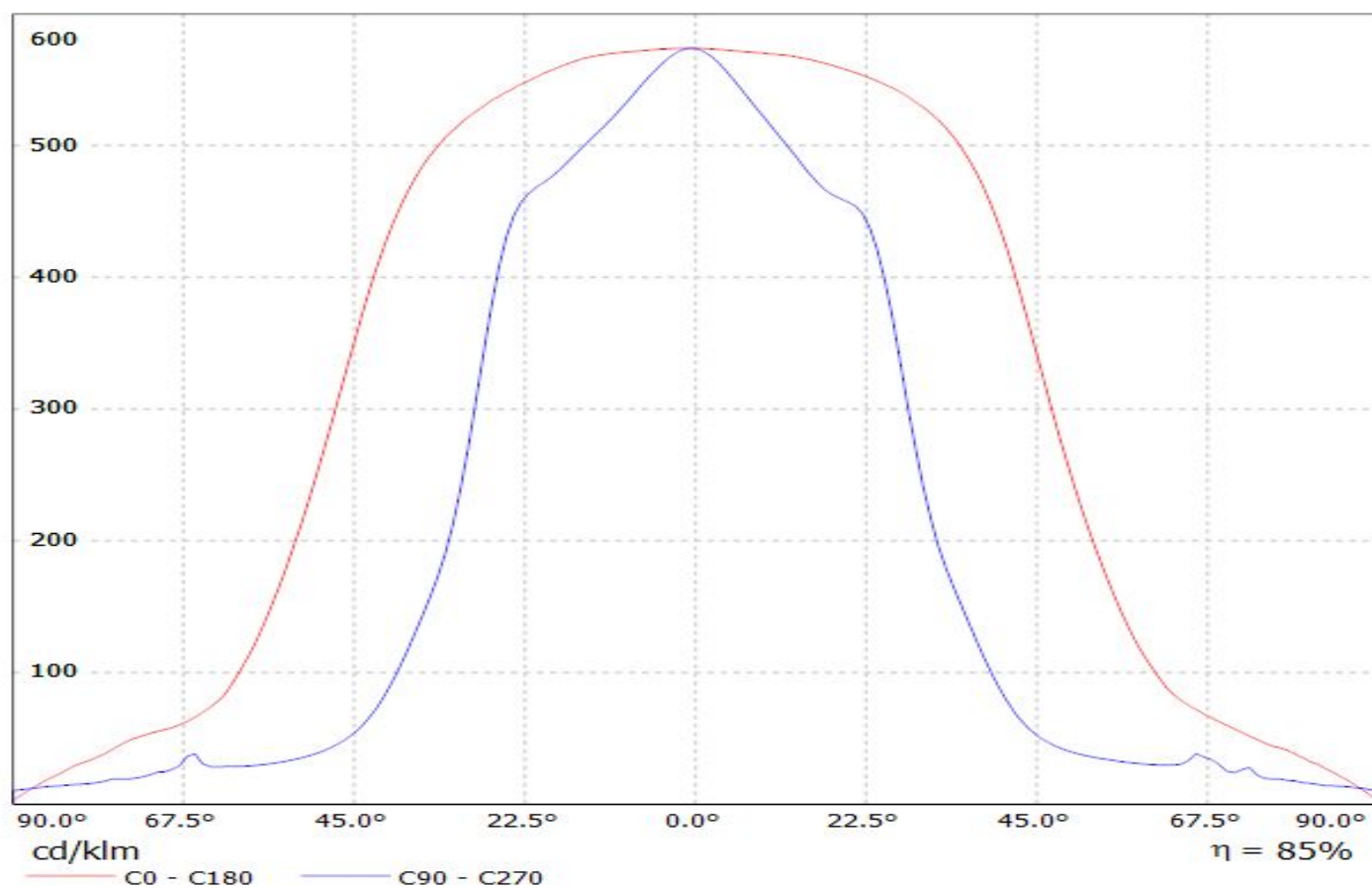
Luminaire: LEDiL Oy F15941_LINNEA-60-B_(LLE_G4_24x280mm_650lm_840_2T_ADV)

Lamps: 1 x

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

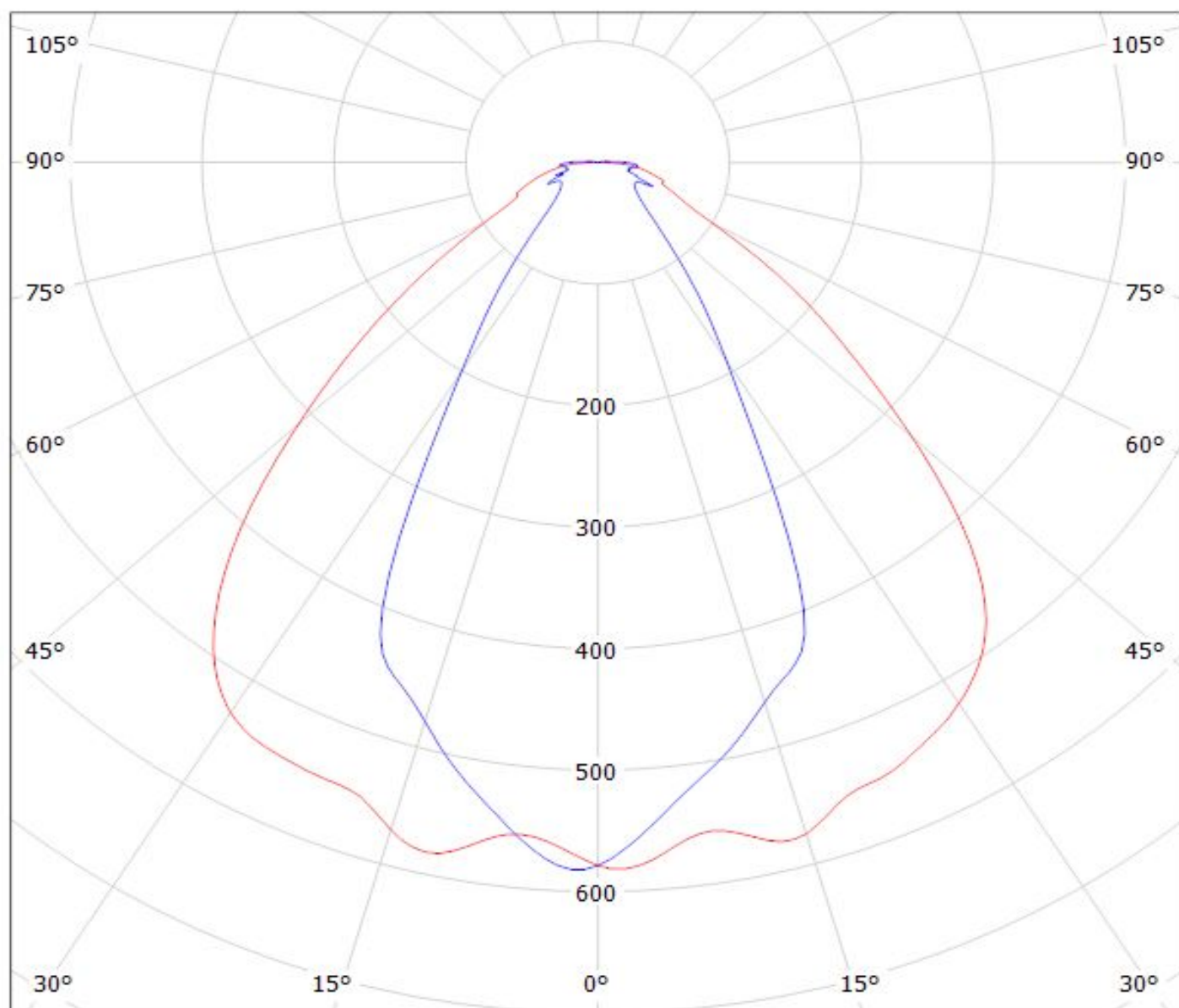


Luminaire: Ledil F15941_LINNEA-60-B_(LLE_G4_24x280mm_1250lm_840_4T_ADV)
Lamps: 1 x Tridonic_(LLE_G4_24x280mm_1250lm_840_4T_ADV)
_971.78lm@250mA_CCT=4000K_P=5.6355W_U=22.5500V



Luminaire: LEDiL Oy F15941_LINNEA-60-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

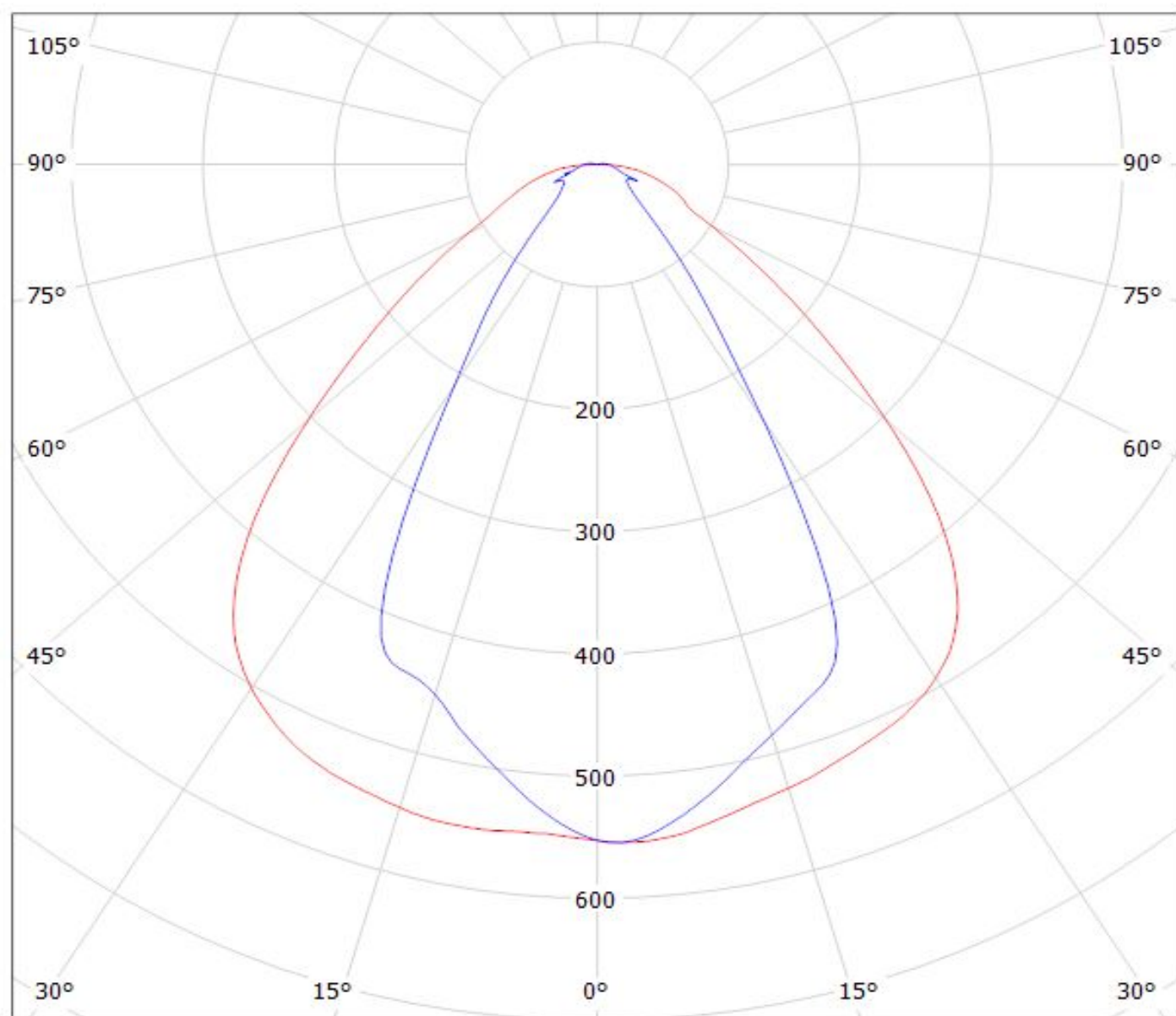
$\eta = 83\%$

— C0 - C180

— C90 - C270

Luminaire: LEDiL Oy F15941 LINNEA-60-B_(NFSx757G)

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



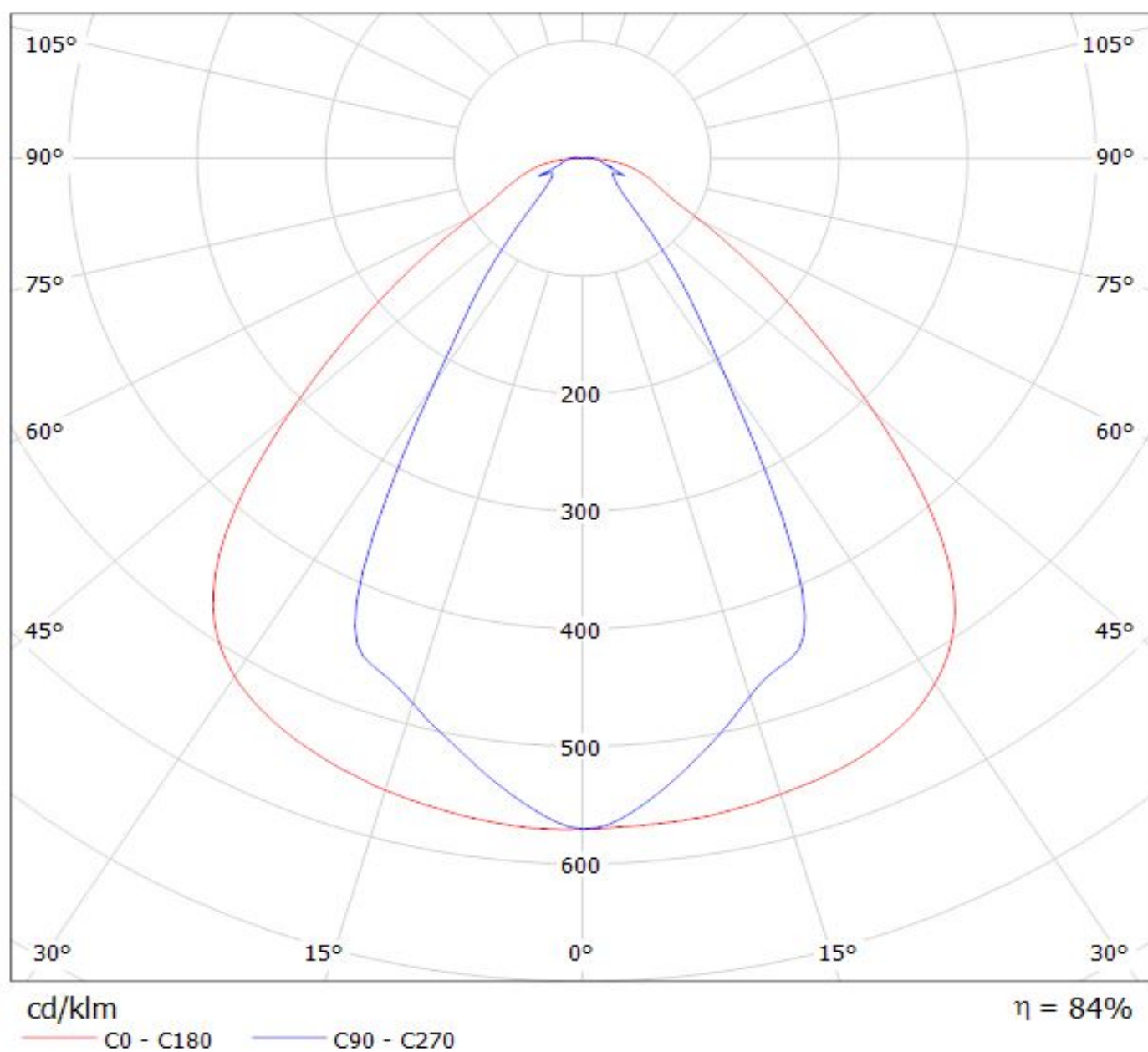
cd/klm

— C0 - C180

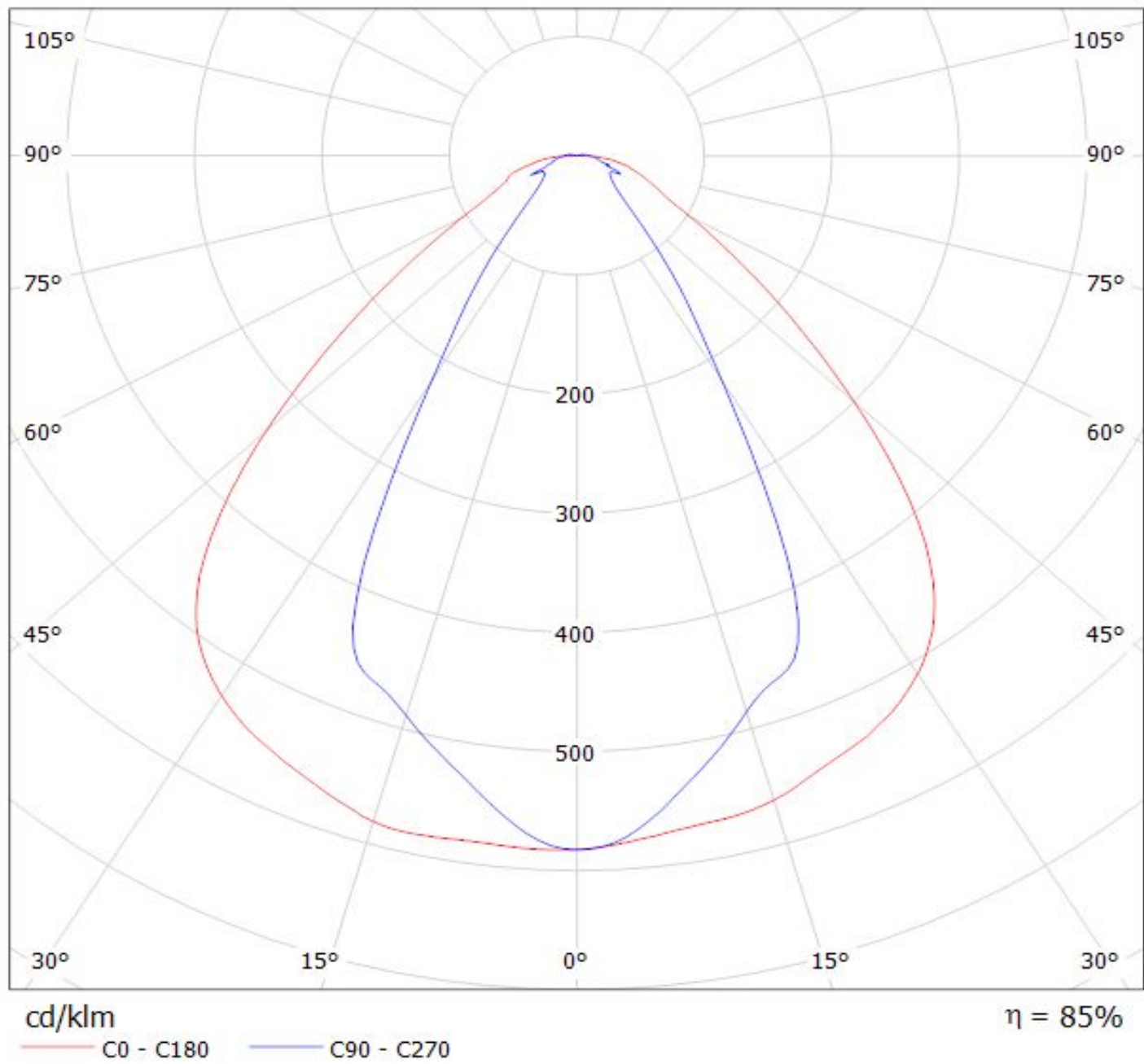
— C90 - C270

$\eta = 83\%$

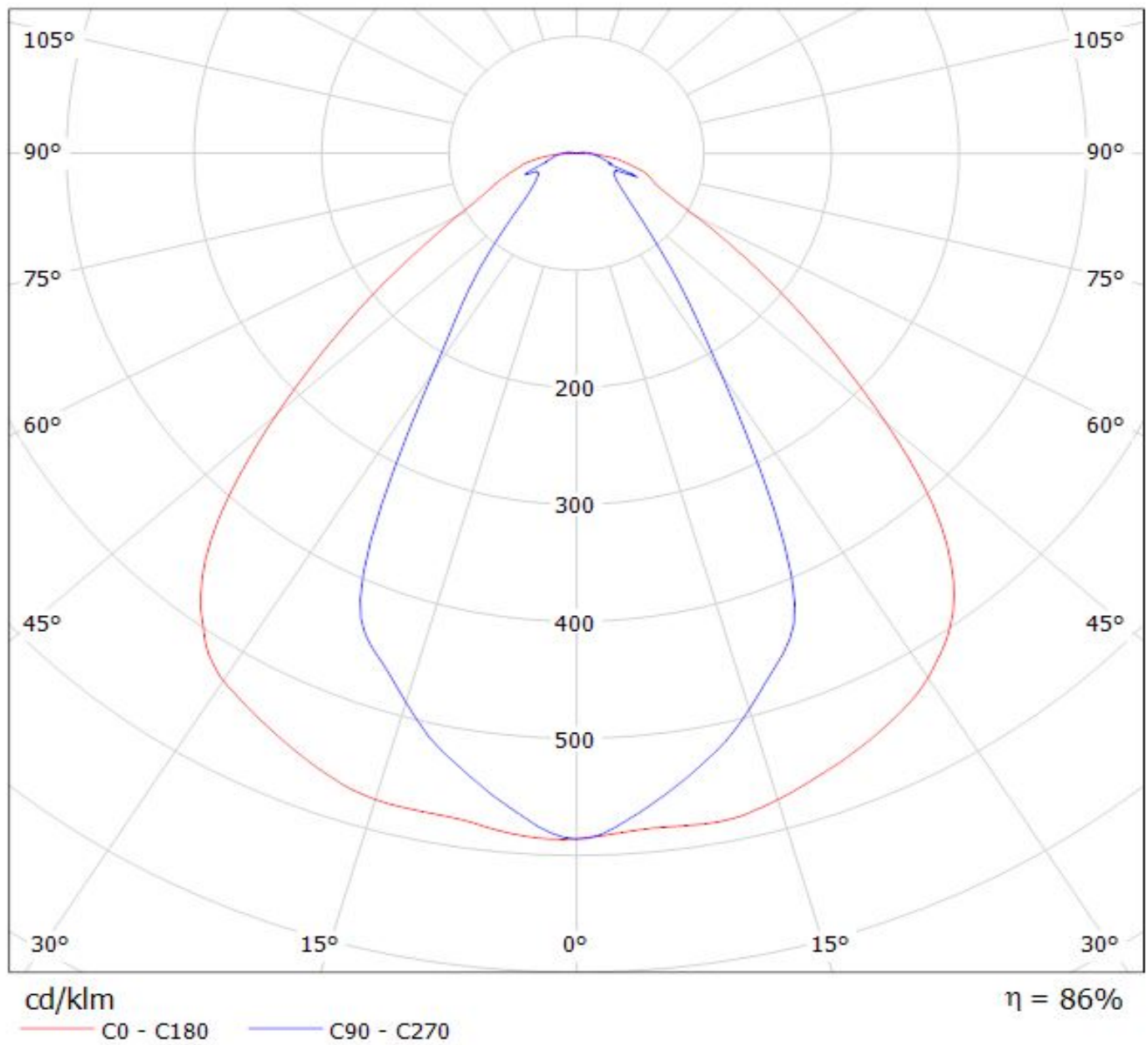
Luminaire: Ledil F15941_LINNEA-60-B_(Prevaled_Linear_Slim_3)
Lamps: 1 x Osram_Prevaled_Linear_Slim_3_(PL-LIN S-Z3-2000-840-280)
_1949.14lm@300mA_CCT=4000K_P=12.0015W_U=40.179V



Luminaire: Ledil F15941_LINNEA-60-B_(Duris_S5)
Lamps: 1 x Osram_Duris_S5_1183.73lm@250mA_P=8.66003W_U=34.724V

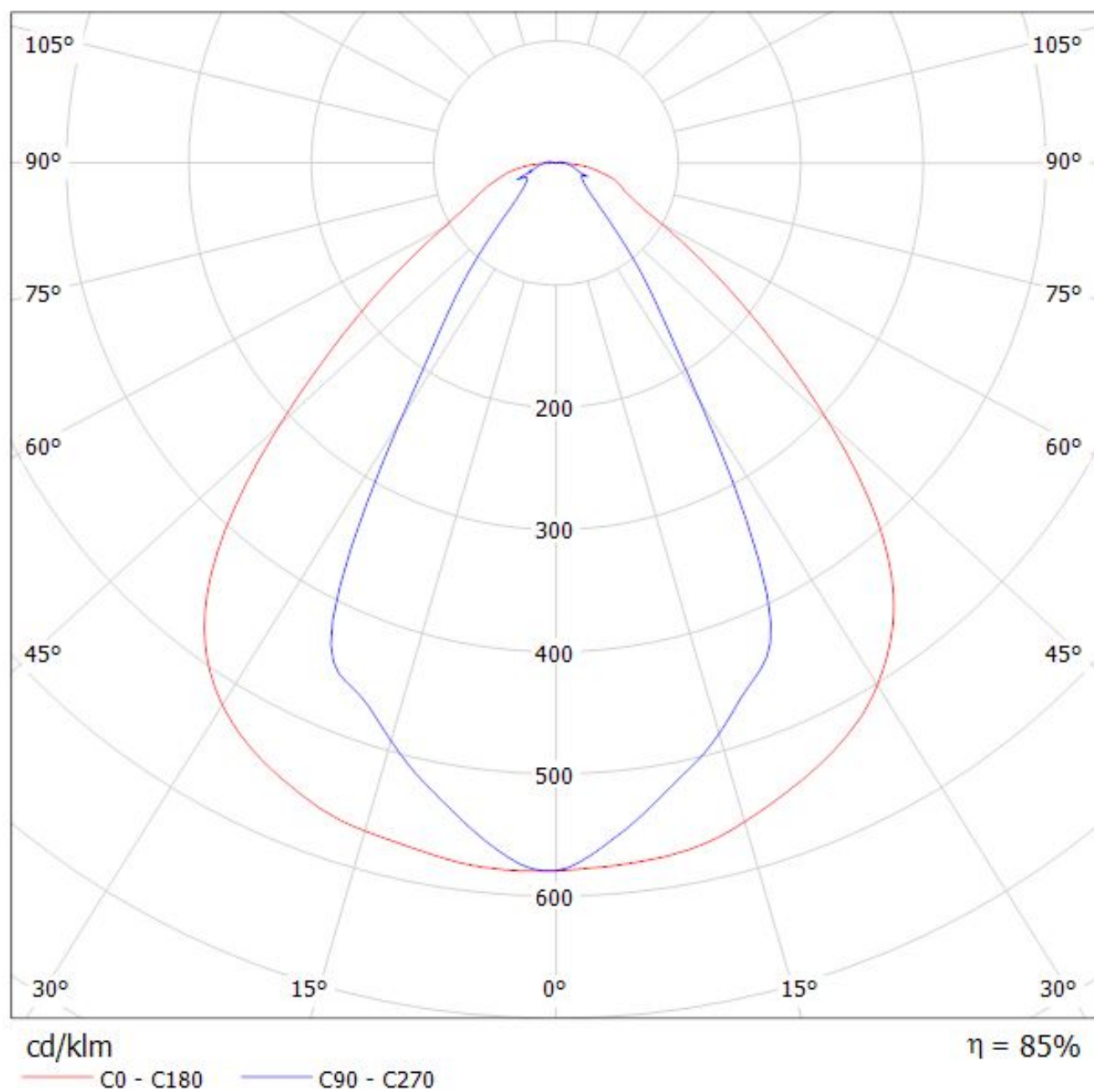


Luminaire: LEDiL Oy F15941_LINNEA-60-B_(Duris_S5_1chip)
Lamps: 1 x Osram_Duris_S5_1chip_(GWPSLM31_EM-GUHQ-A535-1)
_359.255lm@65mA_P=2.13817W_U=33.253V

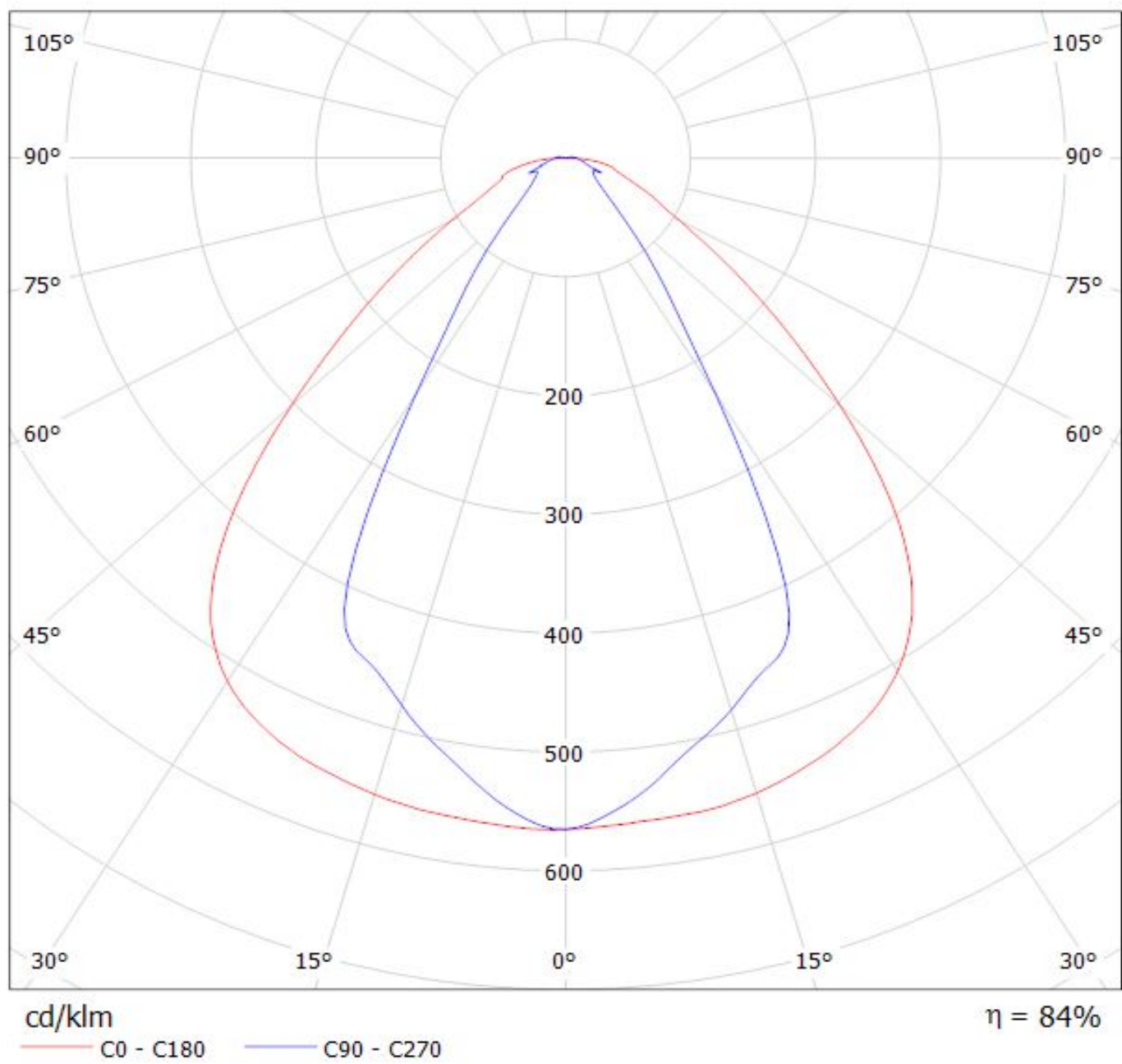


Luminaire: Ledil F15941_LINNEA-60-B_(Fortimo_LED_Strip_1ft_1100lm_FC_HV4)

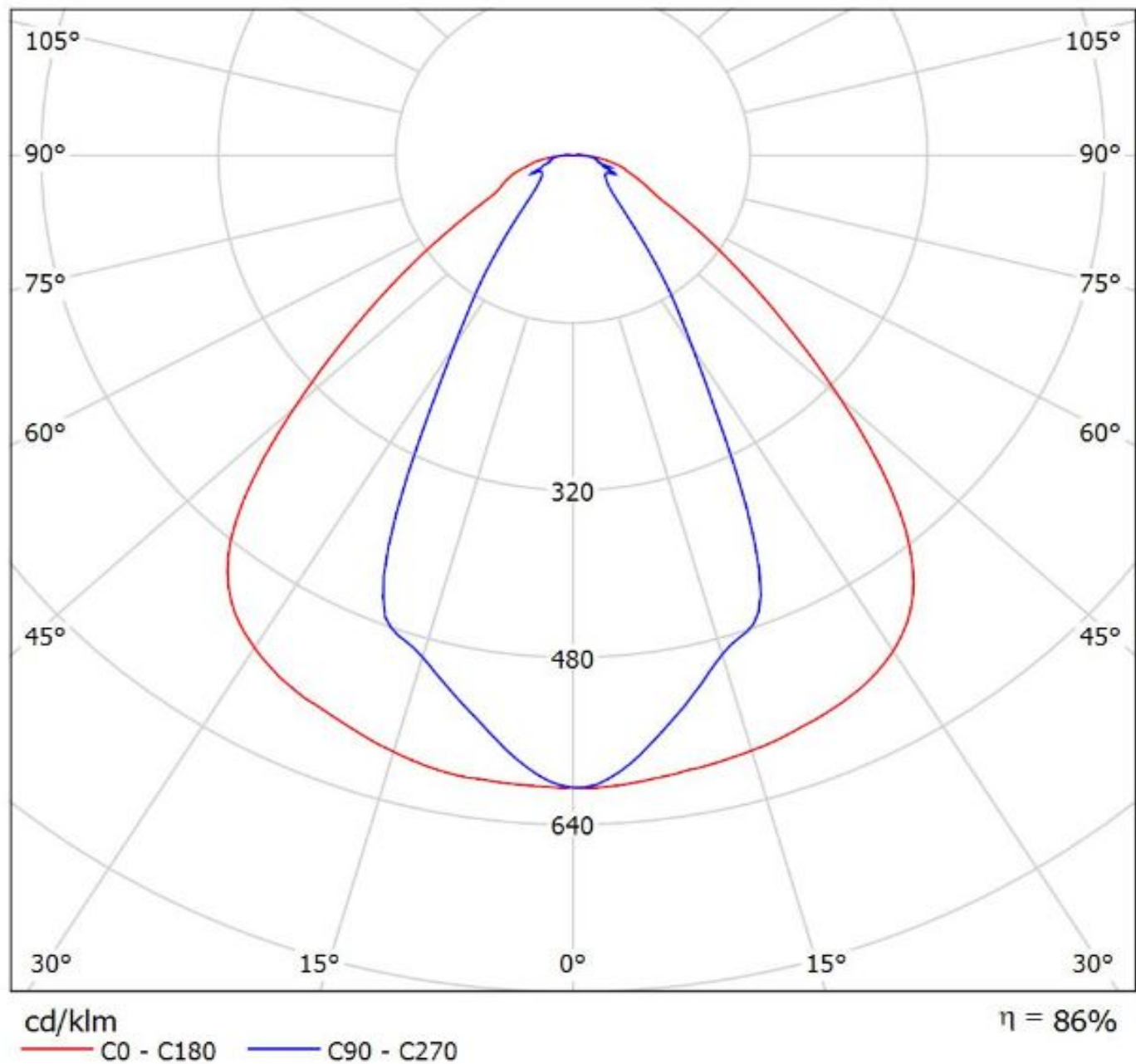
Lamps: 1 x Philips_Fortimo_LED_Strip_1ft_1100lm_930_FC_HV4_735.772lm@250mA_P=5.6145W_U=22.496V



Luminaire: Ledil F15941_LINNEA-60-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

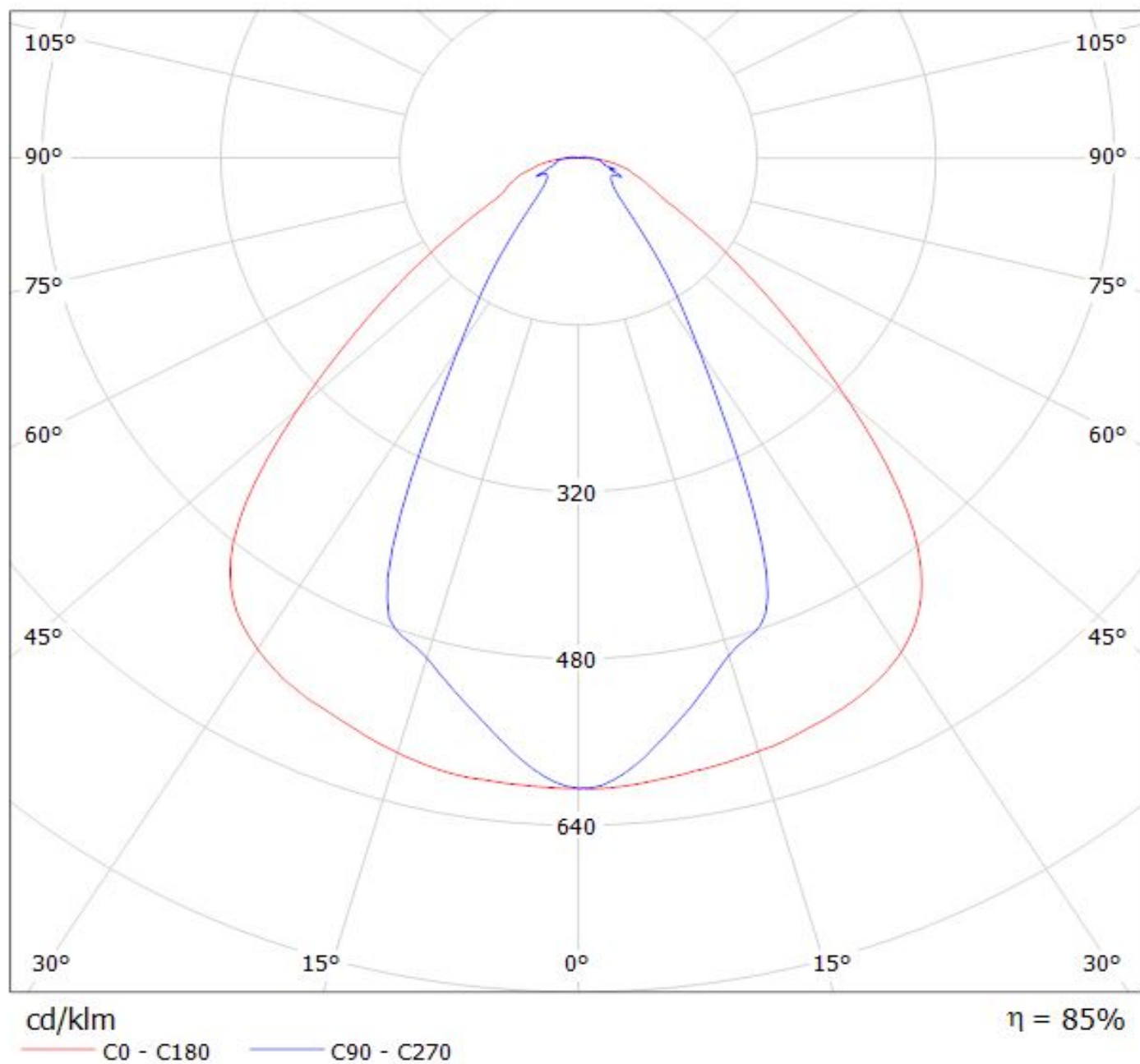


Luminaire: Ledil F15941_LINNEA-60-B_(LT-V282E)
Lamps: 1 x Samsung_LT-V282E_(LM281B)_1072.13lm@300mA_CCT=4000K_P=7.1427W_I=0.30A



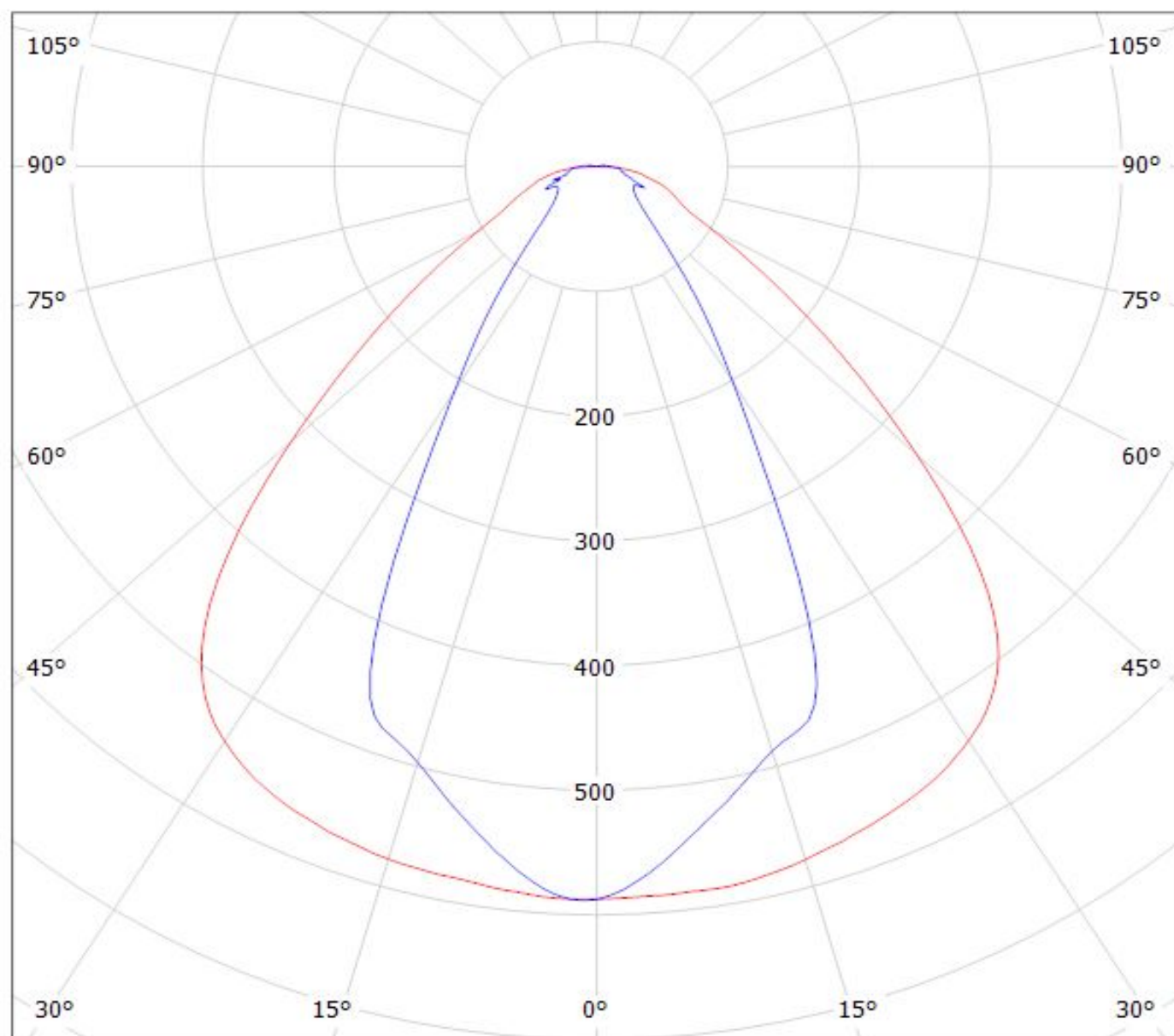
Luminaire: Ledil F15941 LINNEA-60-B_(LT-V562E)

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



Luminaire: Ledil F15941_LINNEA-60-B_(LT-H282C)

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



cd/klm

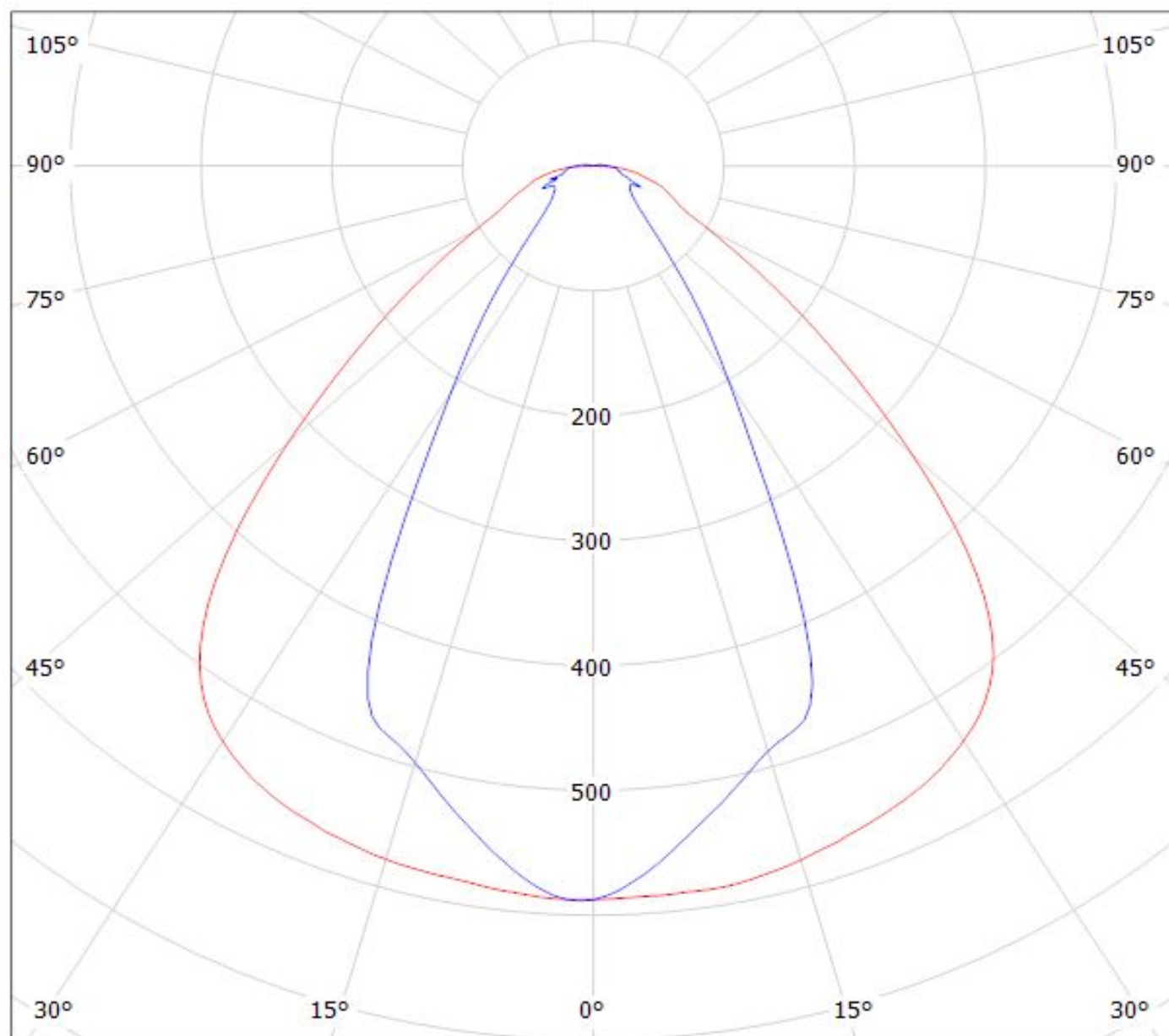
$\eta = 85\%$

— C0 - C180

— C90 - C270

Luminaire: Ledil F15941_LINNEA-60-B_(LT-H562C)

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



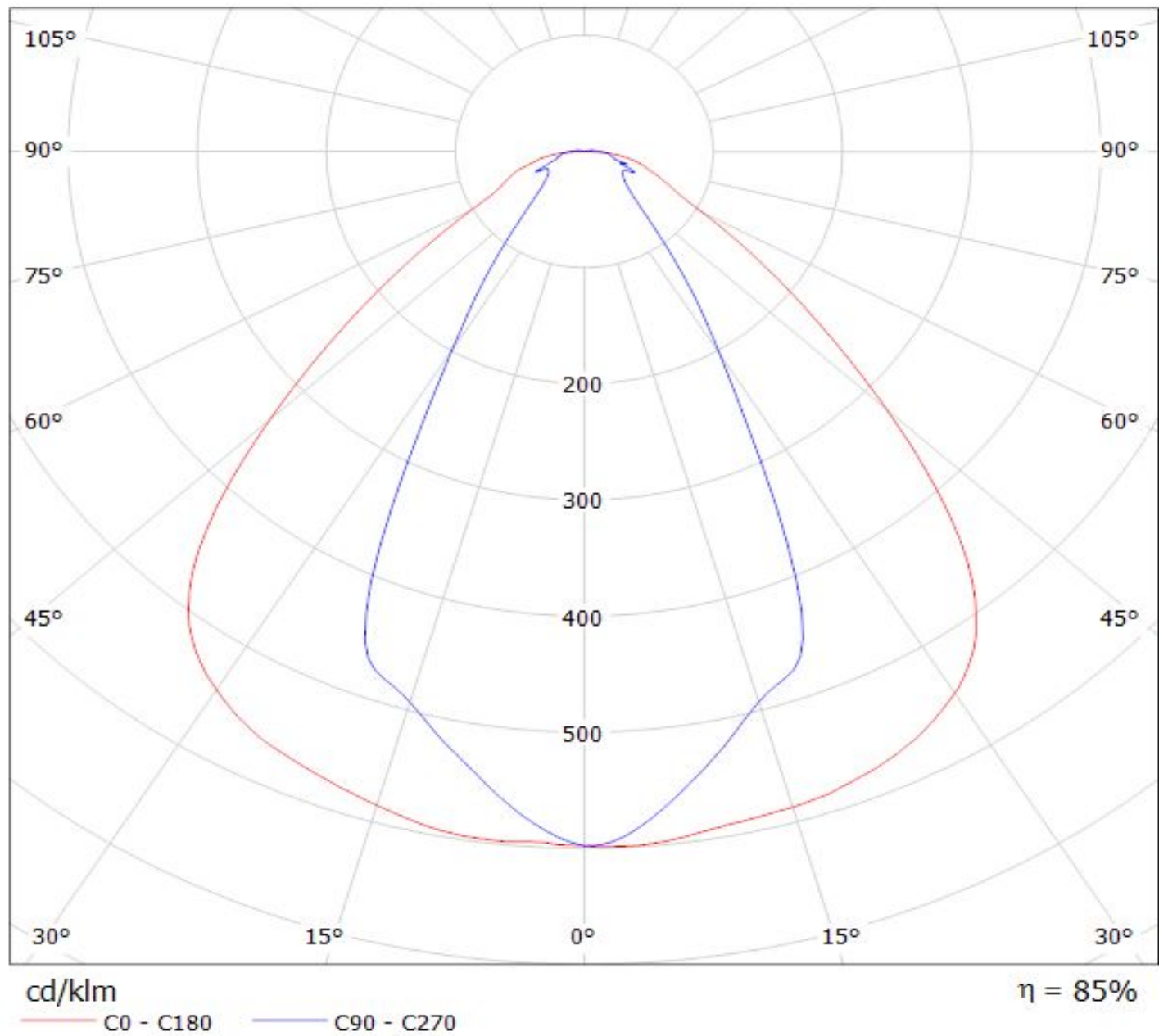
cd/klm

— C0 - C180

— C90 - C270

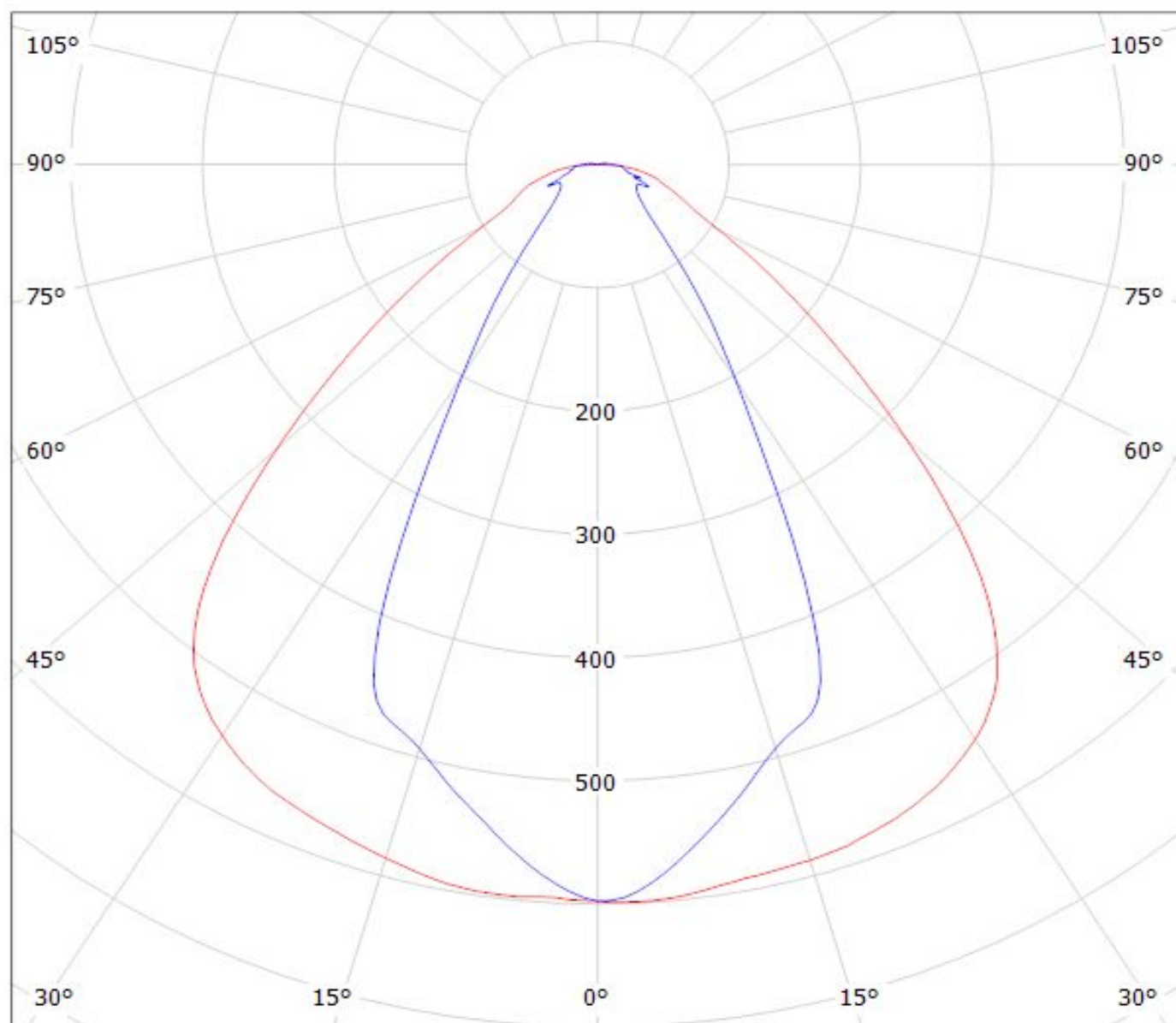
$\eta = 85\%$

Luminaire: Ledil F15941_LINNEA-60-B_(LT-S282H)
Lamps: 1 x Samsung_LT-S282H_(LM561B+)_1143.31lm@300mA_P=7.2W_I=0.30A



Luminaire: Ledil F15941 LINNEA-60-B_(LT-S562H)

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



cd/klm

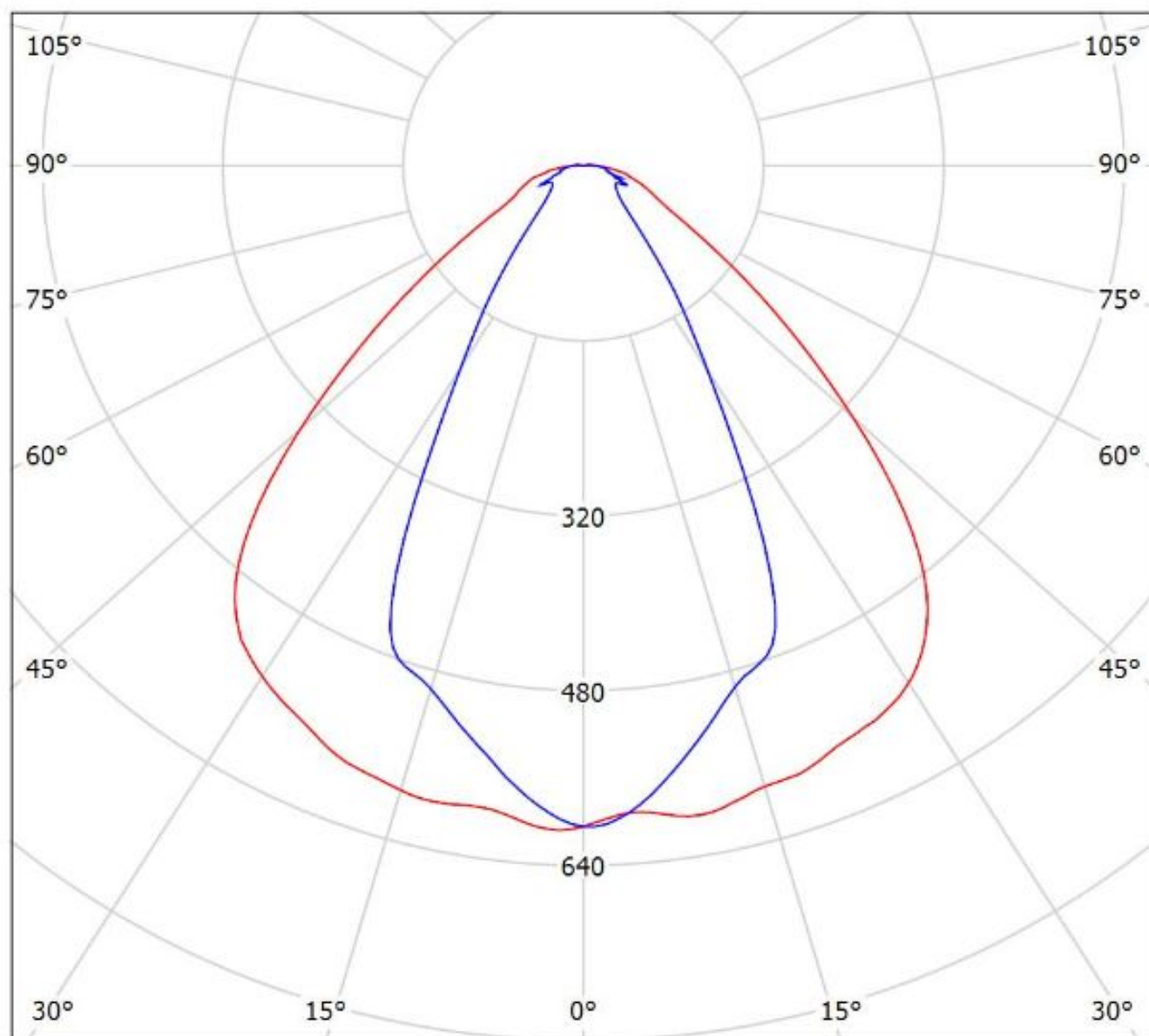
— C0 - C180

— C90 - C270

η = 85%

Luminaire: Ledil F15941 LINNEA-60-B_(LT-Q282B)

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



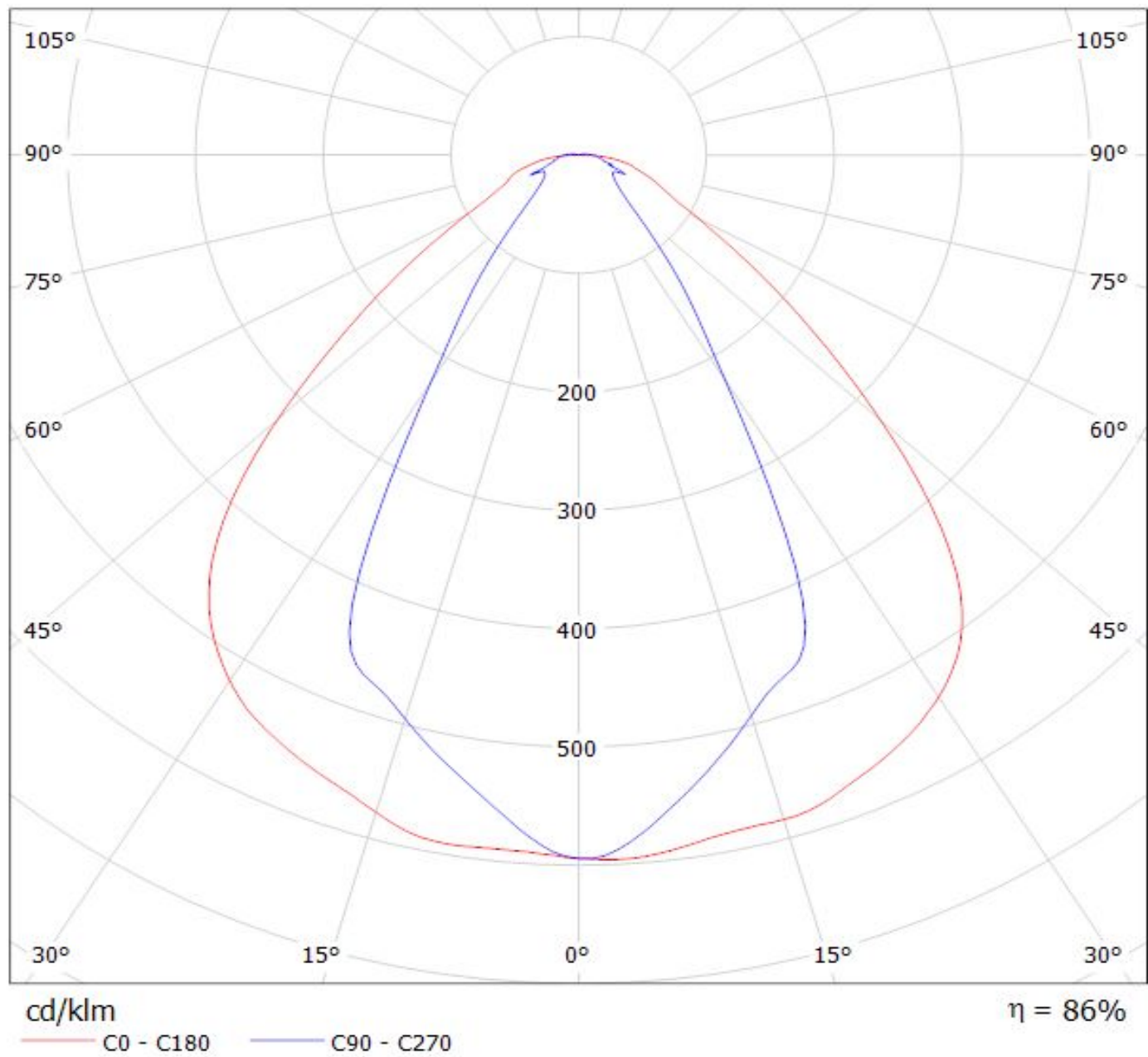
cd/klm

— C0 - C180

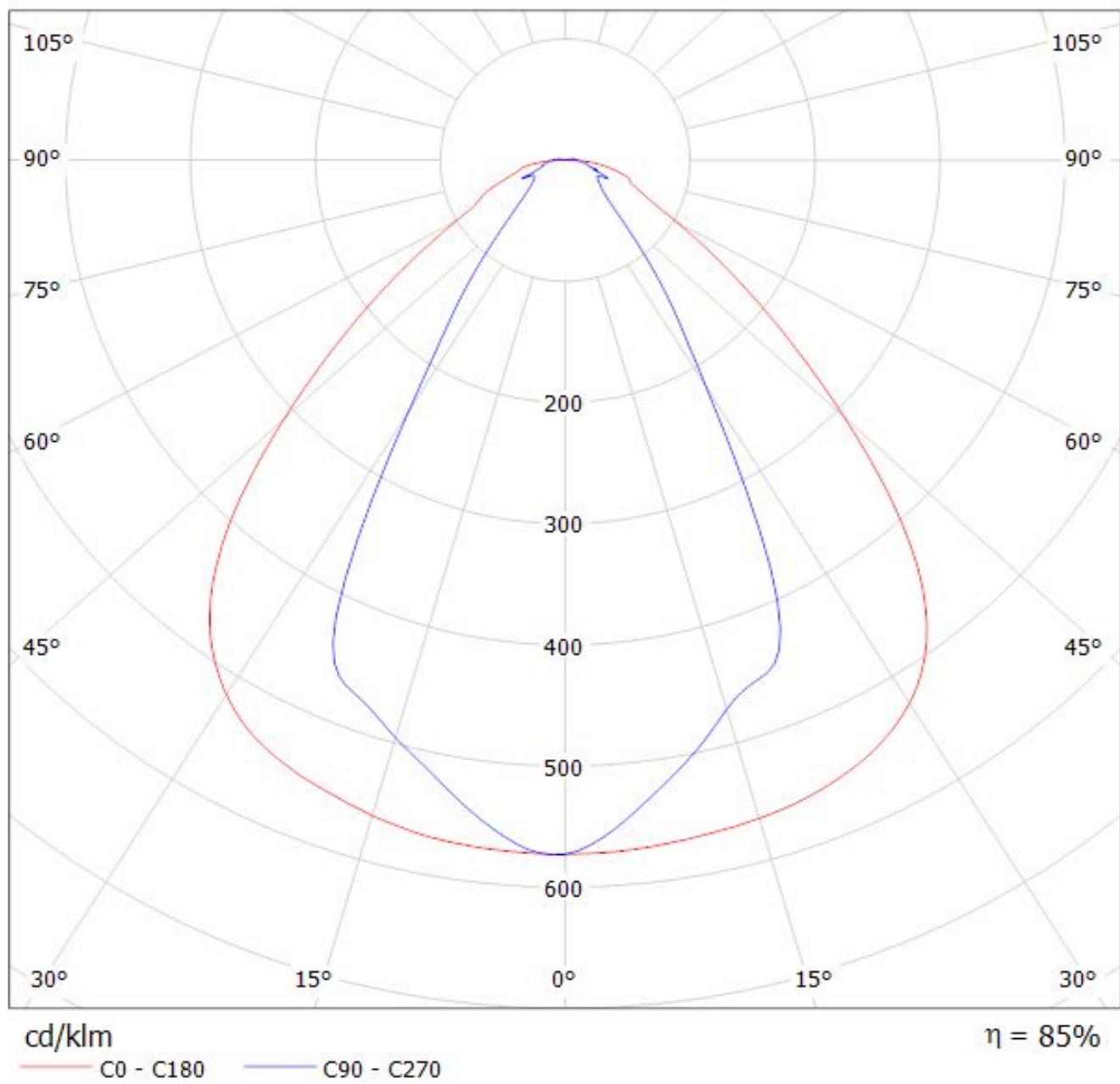
— C90 - C270

$\eta = 85\%$

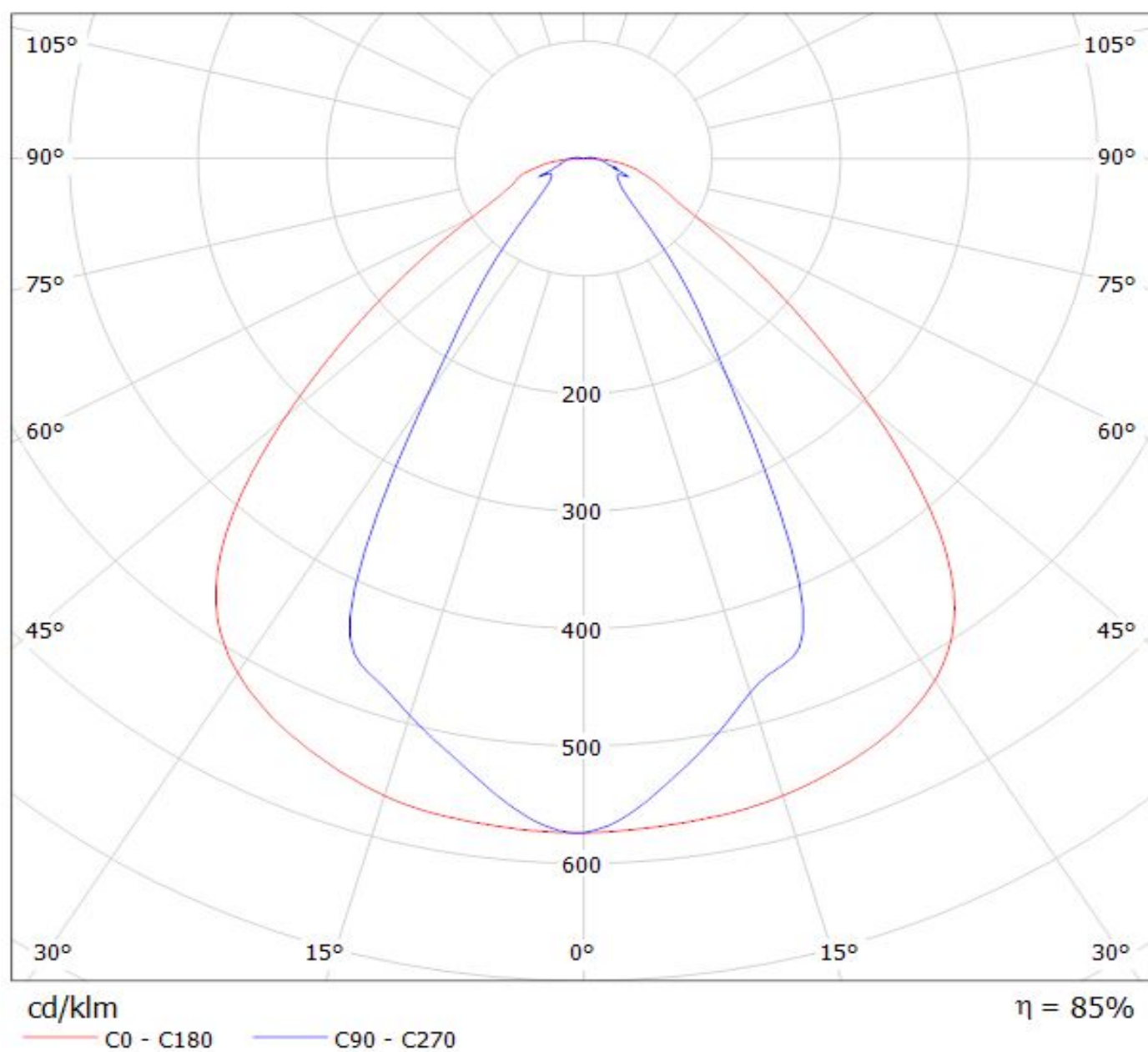
Luminaire: Ledil F15941_LINNEA-60-B_(SunLike_3030)
Lamps: 1 x SEOUL_SunLike_3030_(STW9C2PB-S)_2_240.649lm@0.65mA_P=2.30531W_U=35.538V



Luminaire: LEDiL Oy F15941_LINNEA-60-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 F15941_LINNEA-60-B_(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



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.