

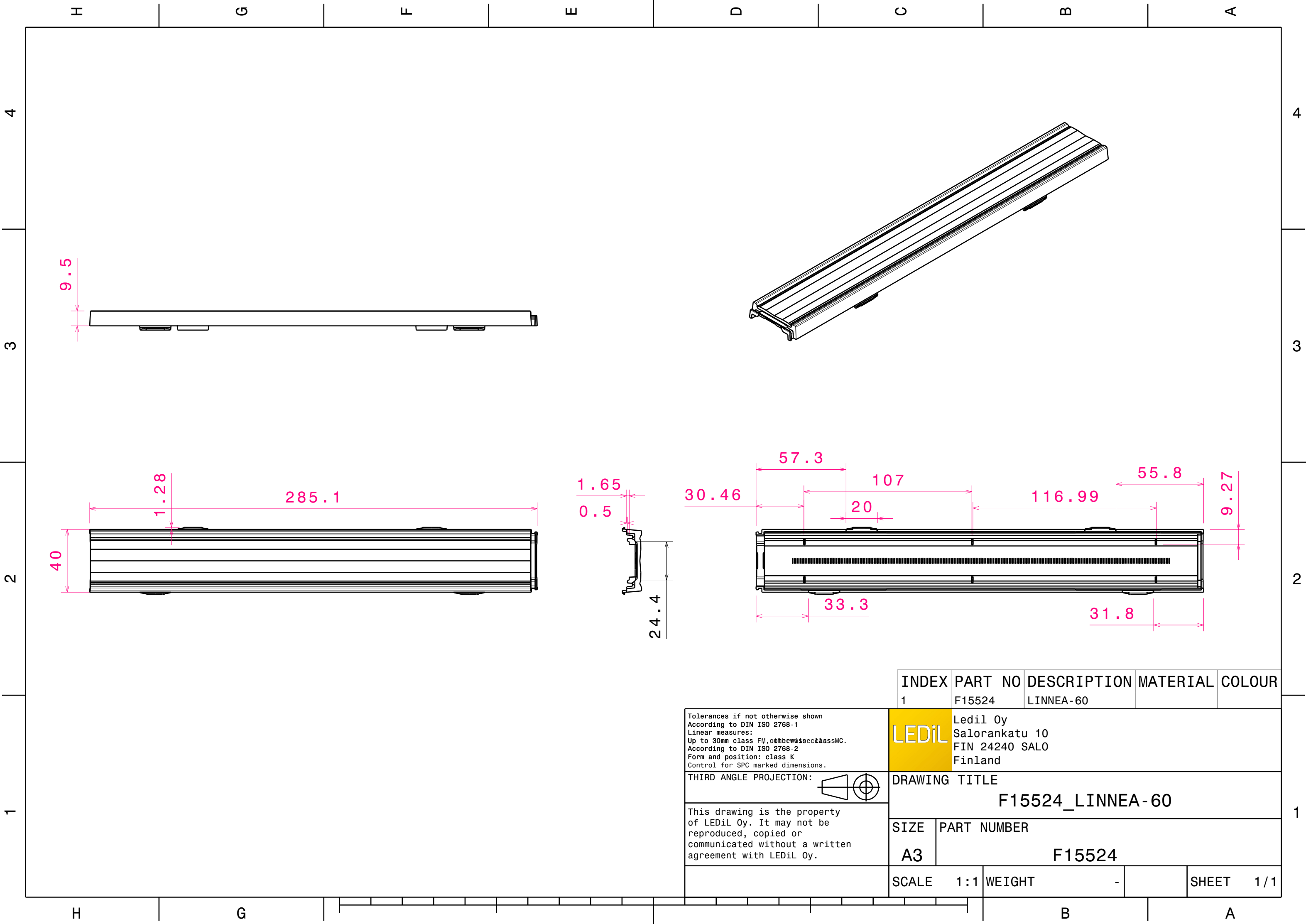
DETAILS

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

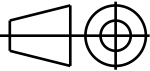
LED	Viewing	Light	Effi-		Connector
	Angle	Beam	ciency	cd/lm	
Tridino 1ft 1100lm xxxHE 1R HV	96+58 deg		86 %	0.580	-
NF2x757G	sim: 59+90		sim: 85 %	sim: 0.630	-
PrevaLED Linear Slim 3 (1100lm)	97+59 deg		84 %	0.550	-
LM561B Plus	96+59 deg		85 %	0.560	-
LT-V282E	96+54 deg		86 %	0.610	-
LT-V562E	96+54 deg		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	-
SEOUL 5630D	73 deg		84 %	0.560	-
CALOSNU405-M7W1	96+55 deg		84 %	0.590	-
CALOSNU410-M7W1	95+55 deg		84 %	0.600	-



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

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.

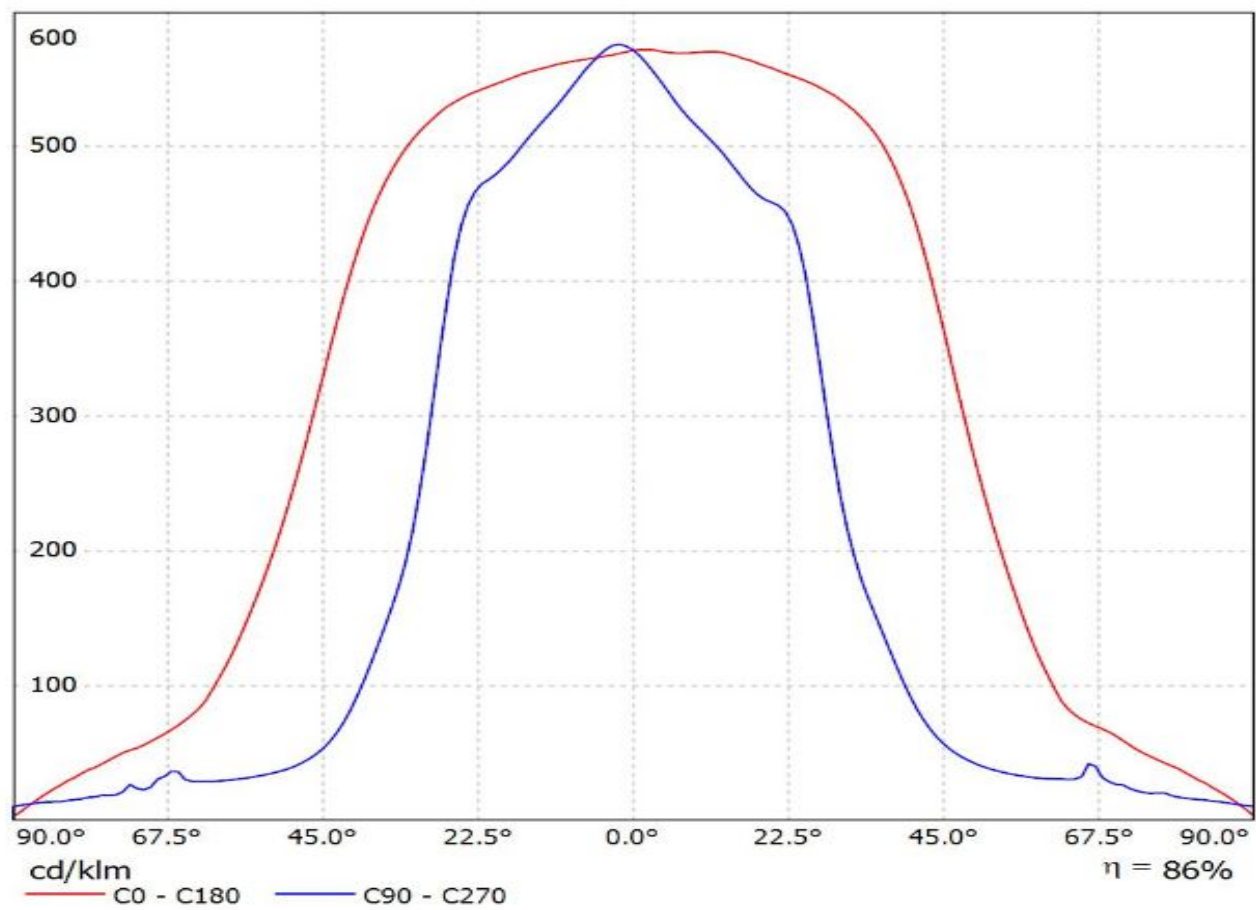


INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	F15524	LINNEA-60		

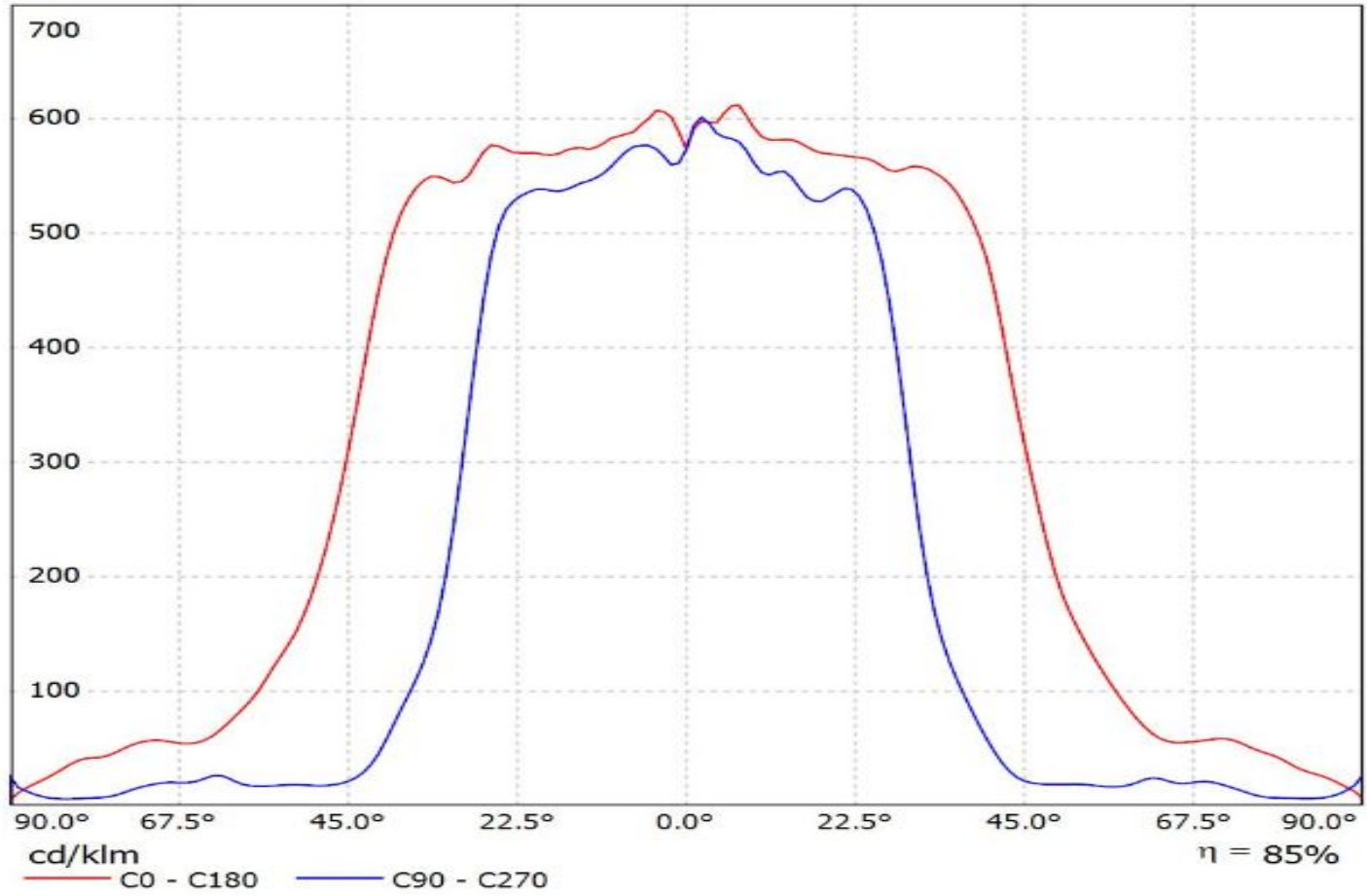
LEDiL	LediL Oy Salorankatu 10 FIN 24240 SALO Finland			
	DRAWING TITLE F15524_LINNEA-60			
SIZE	PART NUMBER			
A3	F15524			
SCALE	1:1	WEIGHT	-	SHEET 1/1

Luminaire: Ledil F15524_LINNEA-60_(Tridino_1ft_1100lm_840HE_1R_HV)

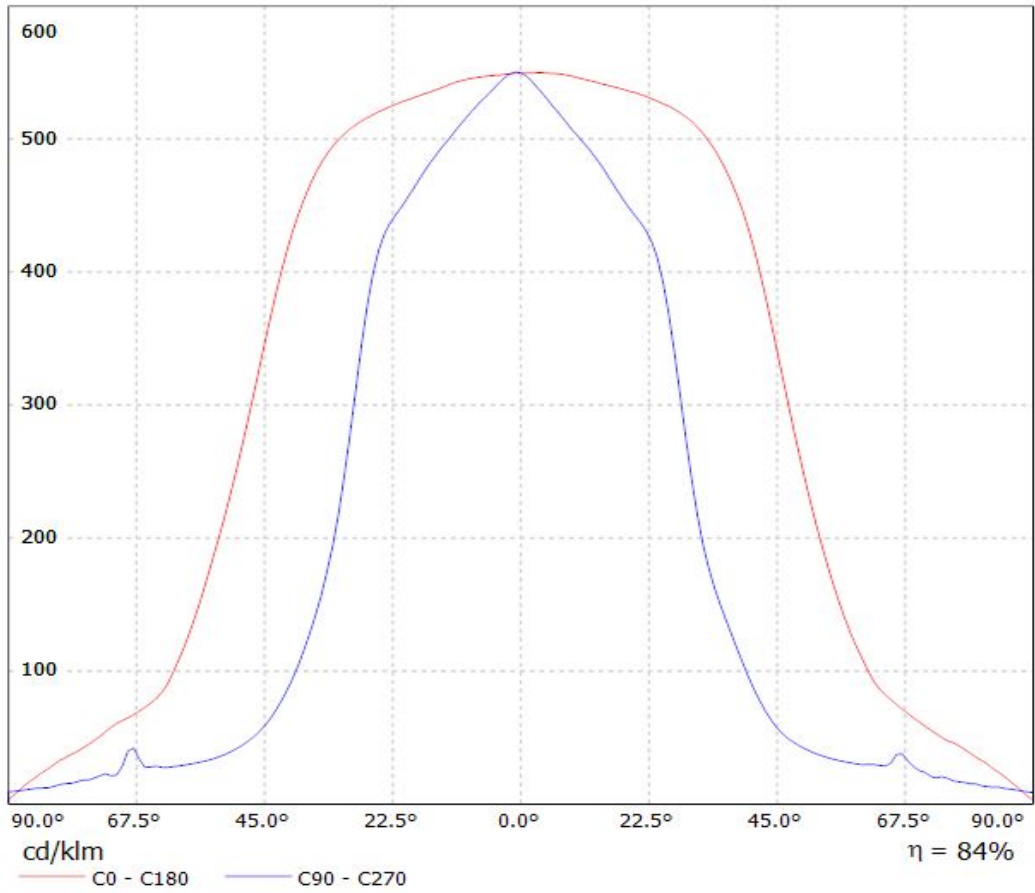
Lamps: 1 x Tridino_1ft_1100lm_840HE_1R_HV_(Edison2835HE)_1343.19lm@250mA_P=8.02229W_I=0.250A



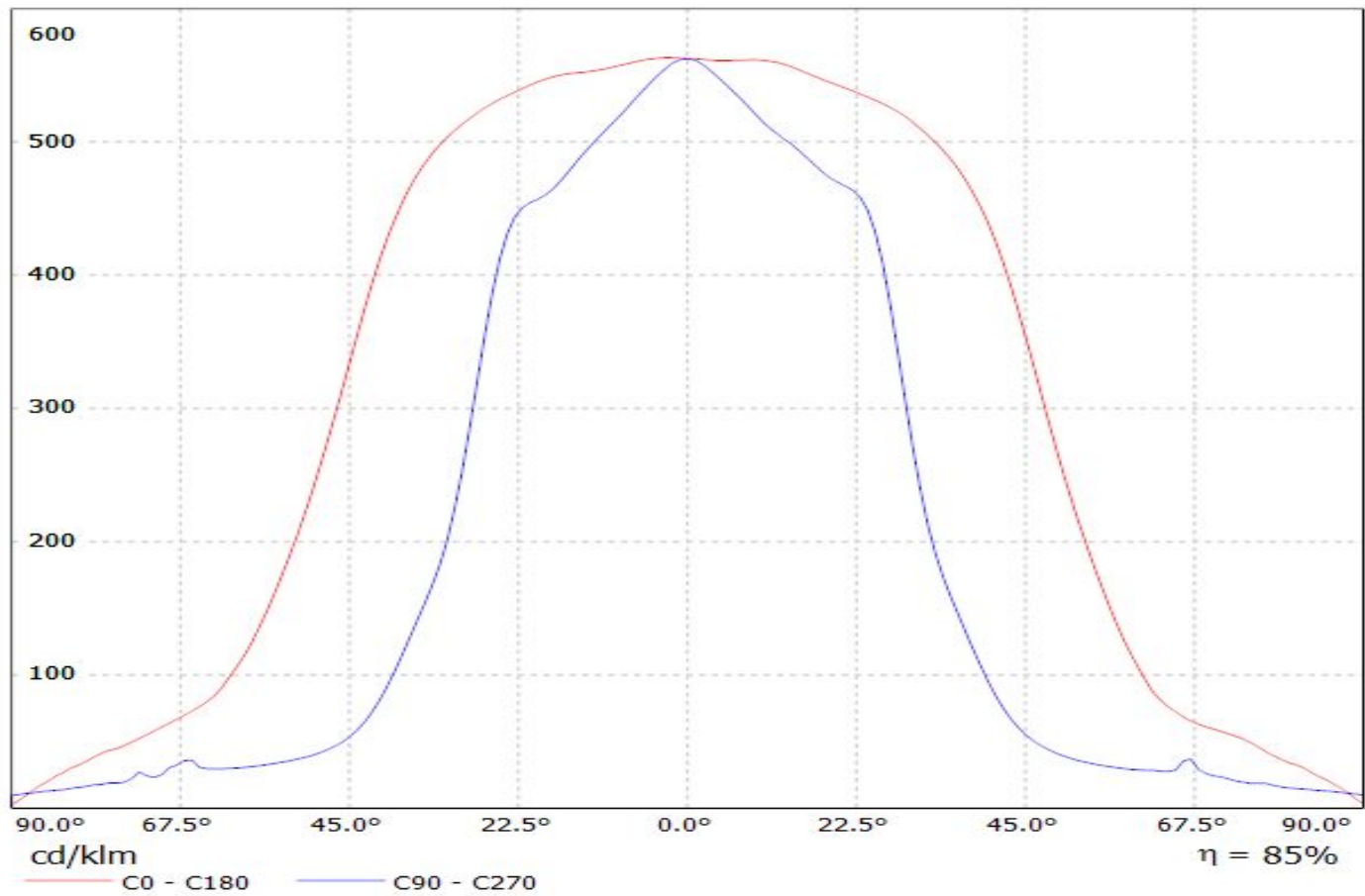
Luminaire: Ledil Oy F15524_LINNEA-60_(NF2W757GR-V1)_SIMULATED
Lamps: 1 x Nichia NF2W757GR-V1



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

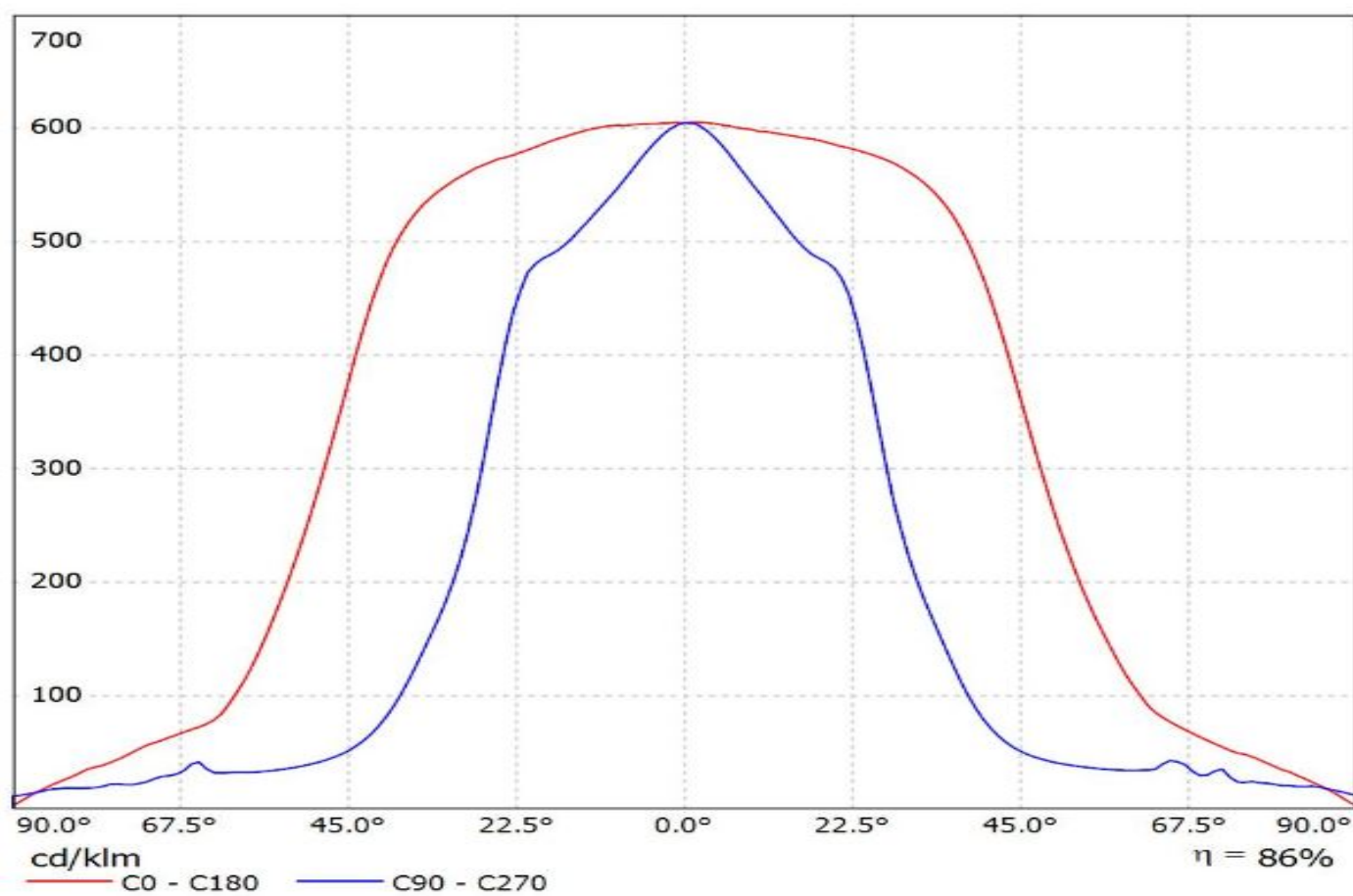


Luminaire: LEDiL Oy F15524_LINNEA-60_(LM561B+)_Cav1
Lamps: 1 x Samsung_LM561B+_1370.33lm@250mA_P=9.1162W_I=0.250A

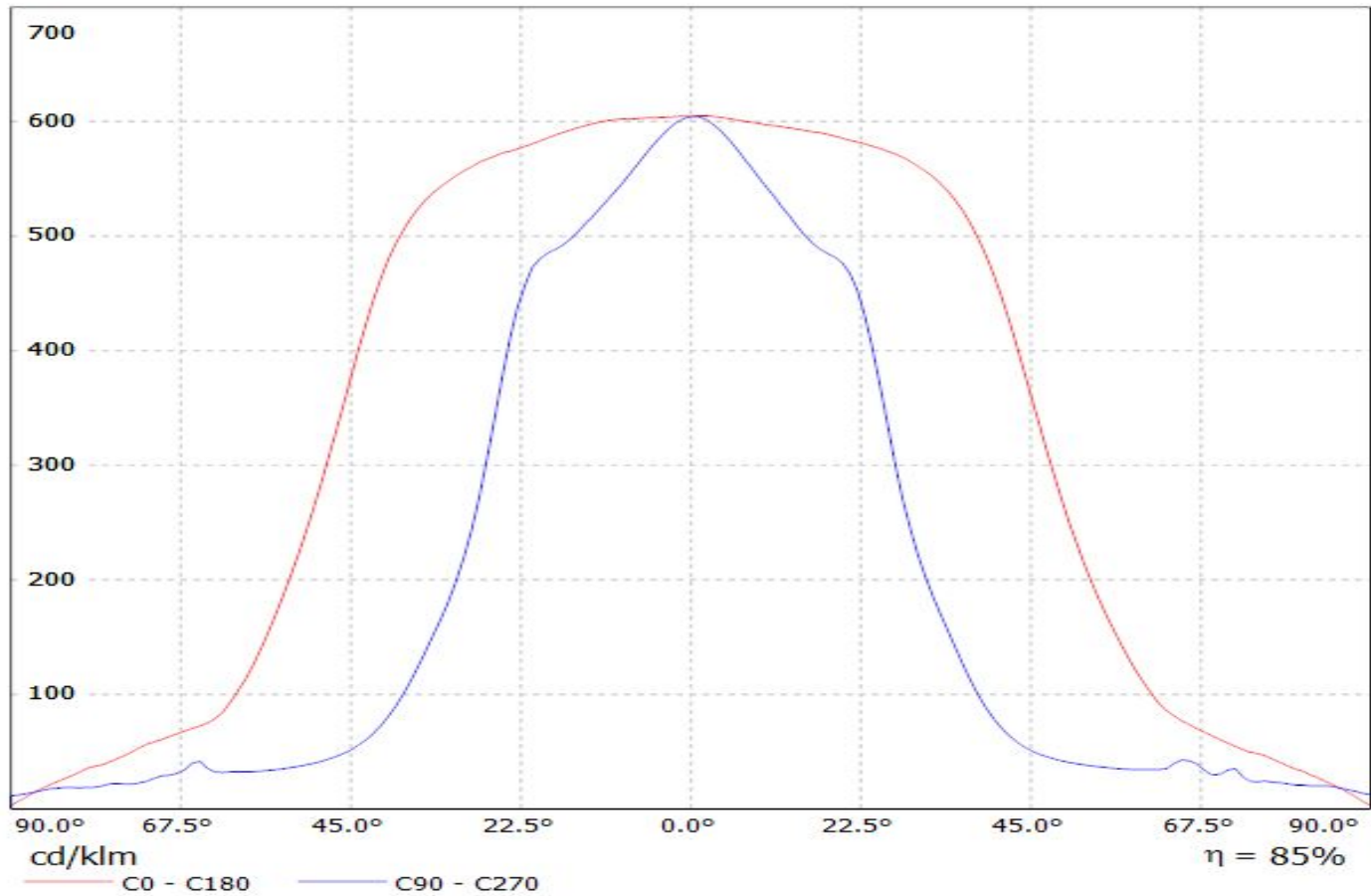


Luminaire: Ledil F15524_LINNEA-60_(LT-V282E)

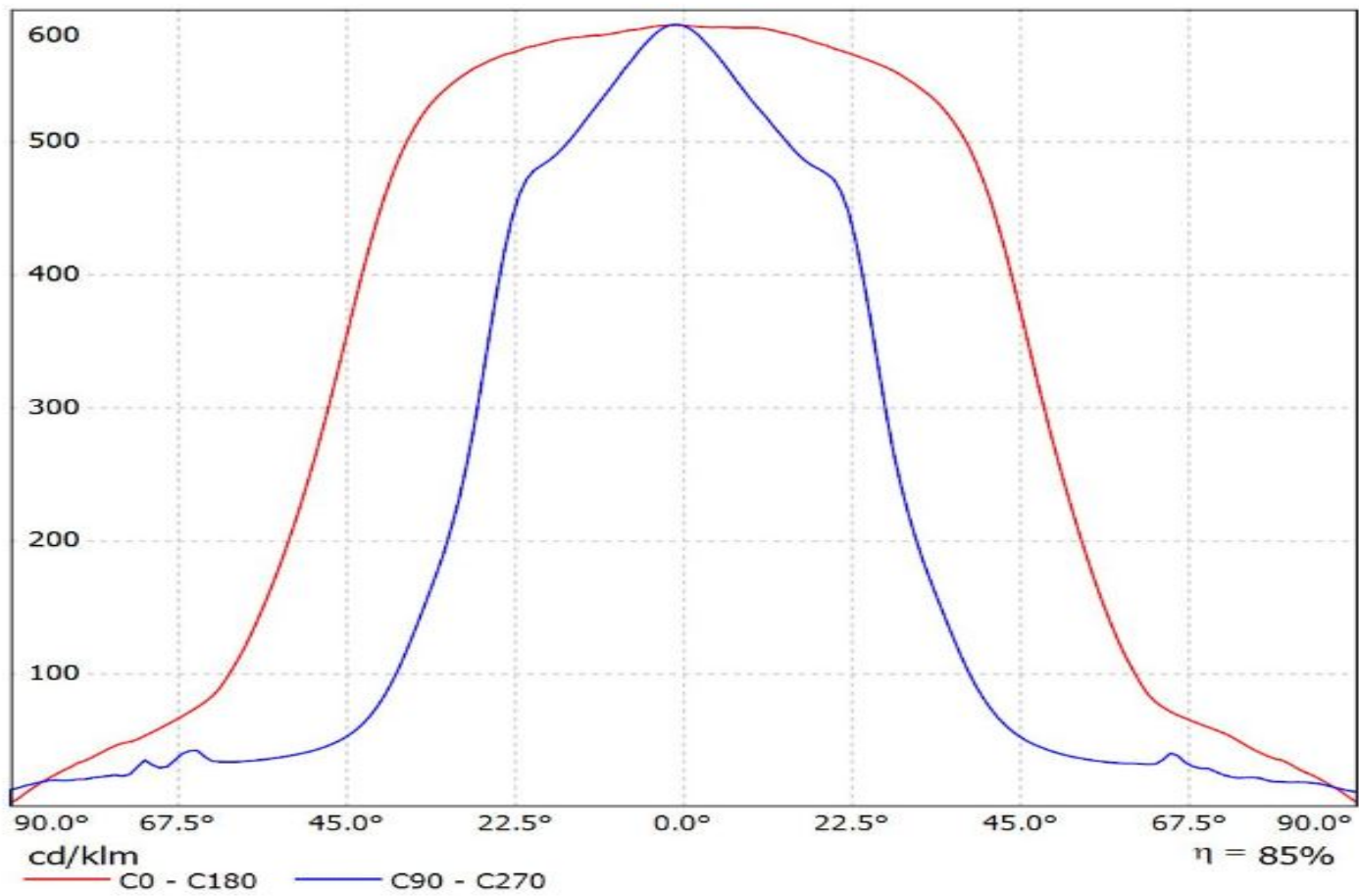
Lamps: 1 x Samsung_LT-V282E_(LM281B)_1072.13lm@300mA_CCT=4000K_P=7.1427W_I=0.30A



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

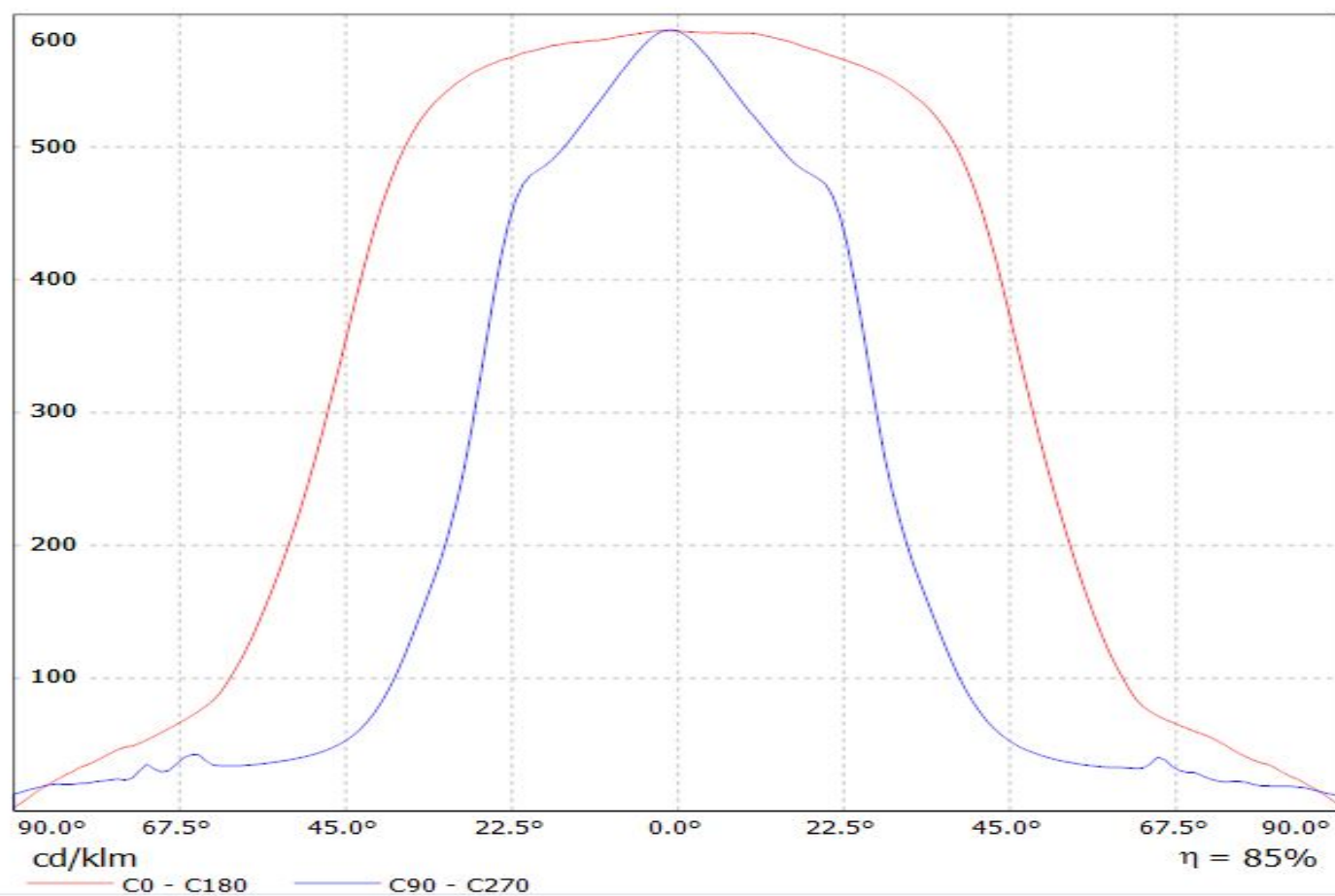


Luminaire: Ledil F15524_LINNEA-60_(LT-H282C)
Lamps: 1 x Samsung_LT-H282C_(LM561C)_997.05lm@240mA_CCT=4000K_P=5.43445W_I=0.240A



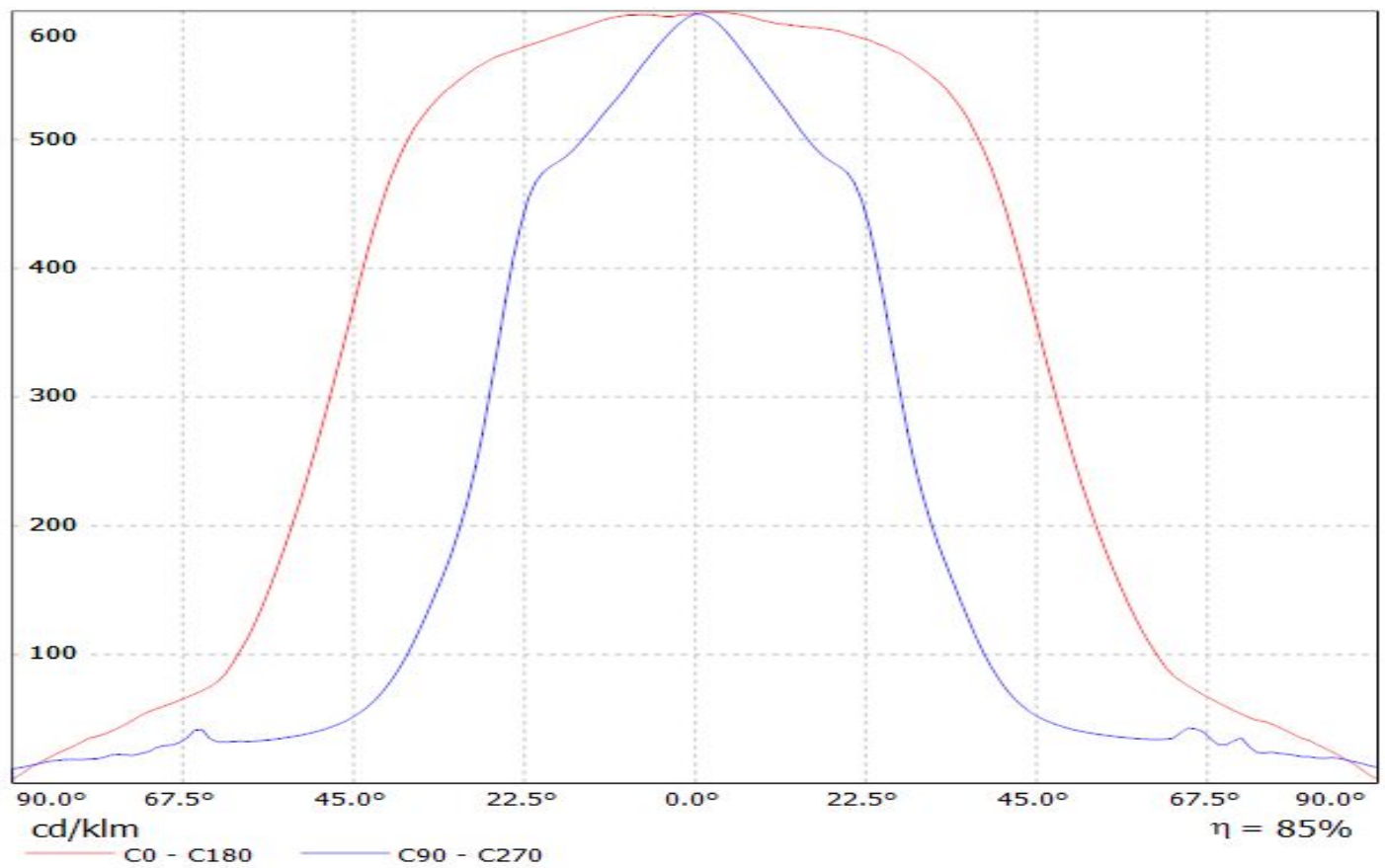
Luminaire: Ledil F15524 LINNEA-60 (LT-H562C)

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



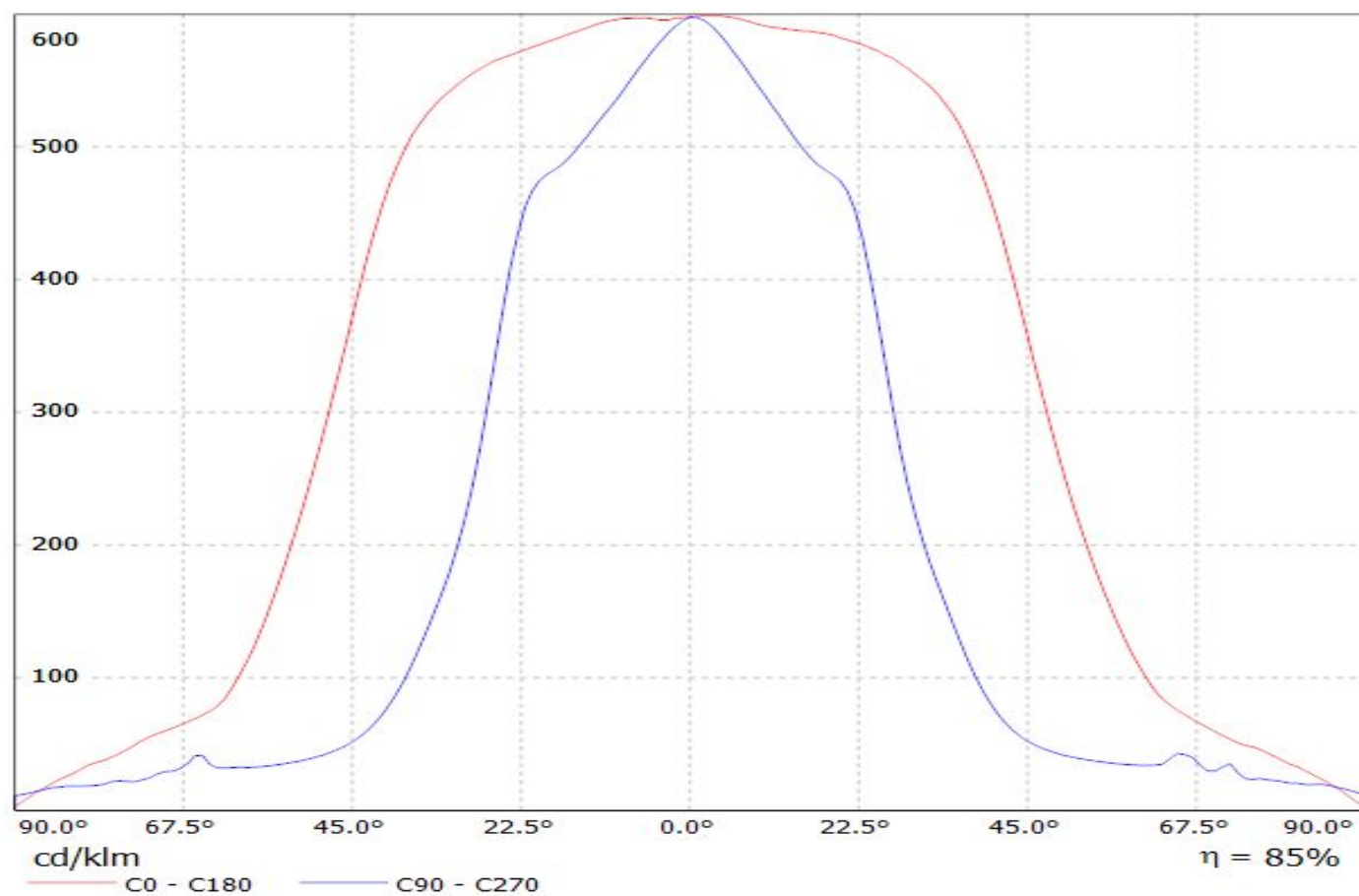
Luminaire: Ledil F15524_LINNEA-60_(LT-S282H)

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



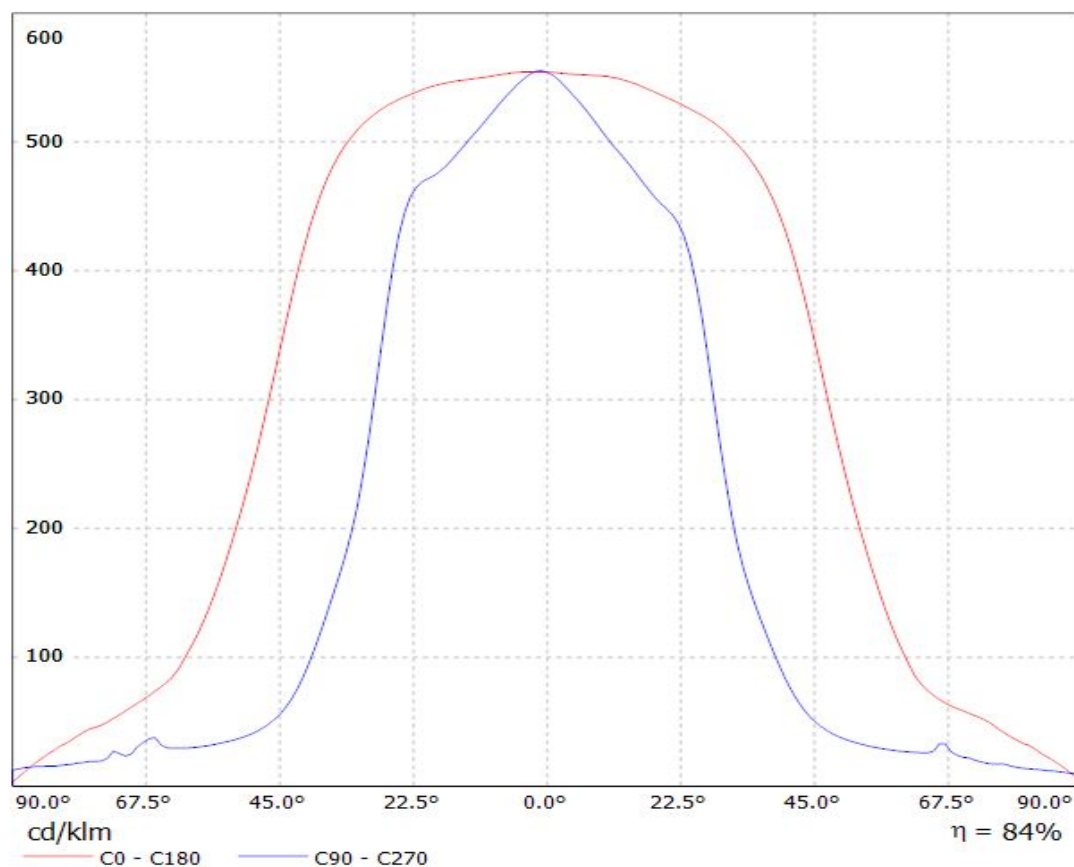
Luminaire: Ledil F15524_LINNEA-60_(LT-S562H)

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



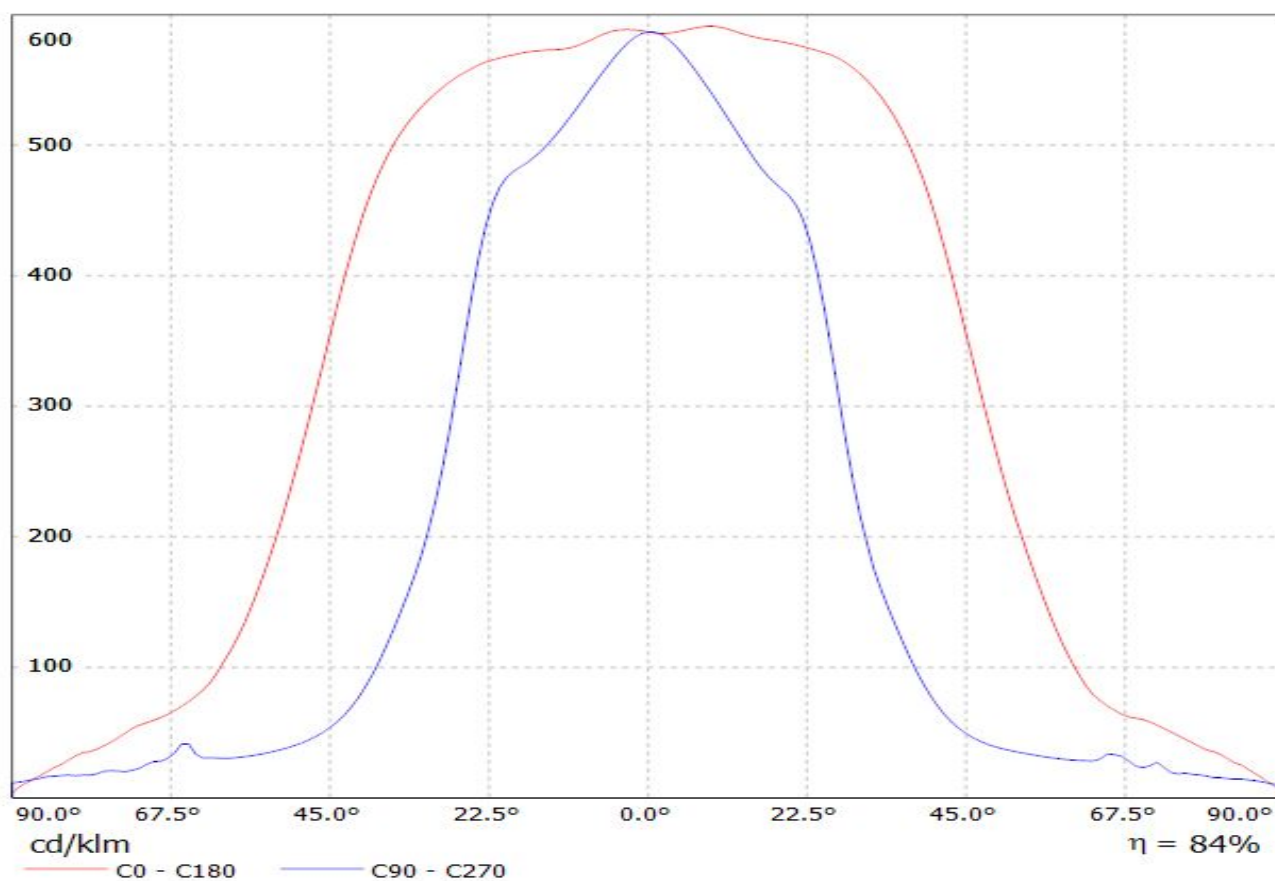
Luminaire: LEDiL Oy F15524_LINNEA-60_(Seoul_semi_5630D)

Lamps: 1 x Philips_Fortimo_LED_Strip_1ft_1100lm_850_IR_HV3_(Seoul_Semi_5630D)_932.657lm@250mA_P=5.68145W_I=0.250A



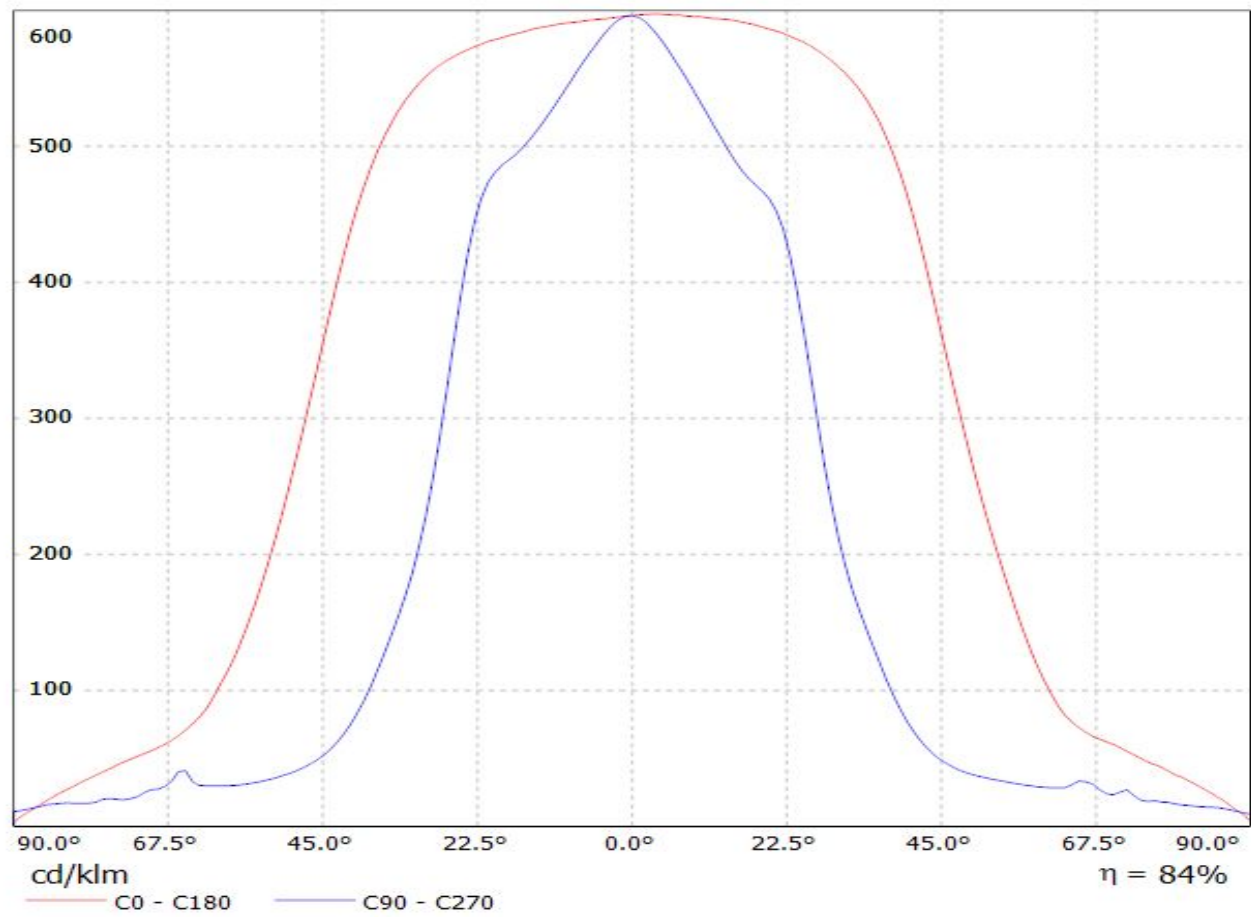
Luminaire: LEDiL Oy F15524_LINNEA-60_(CALOSNU405-M7W1)

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



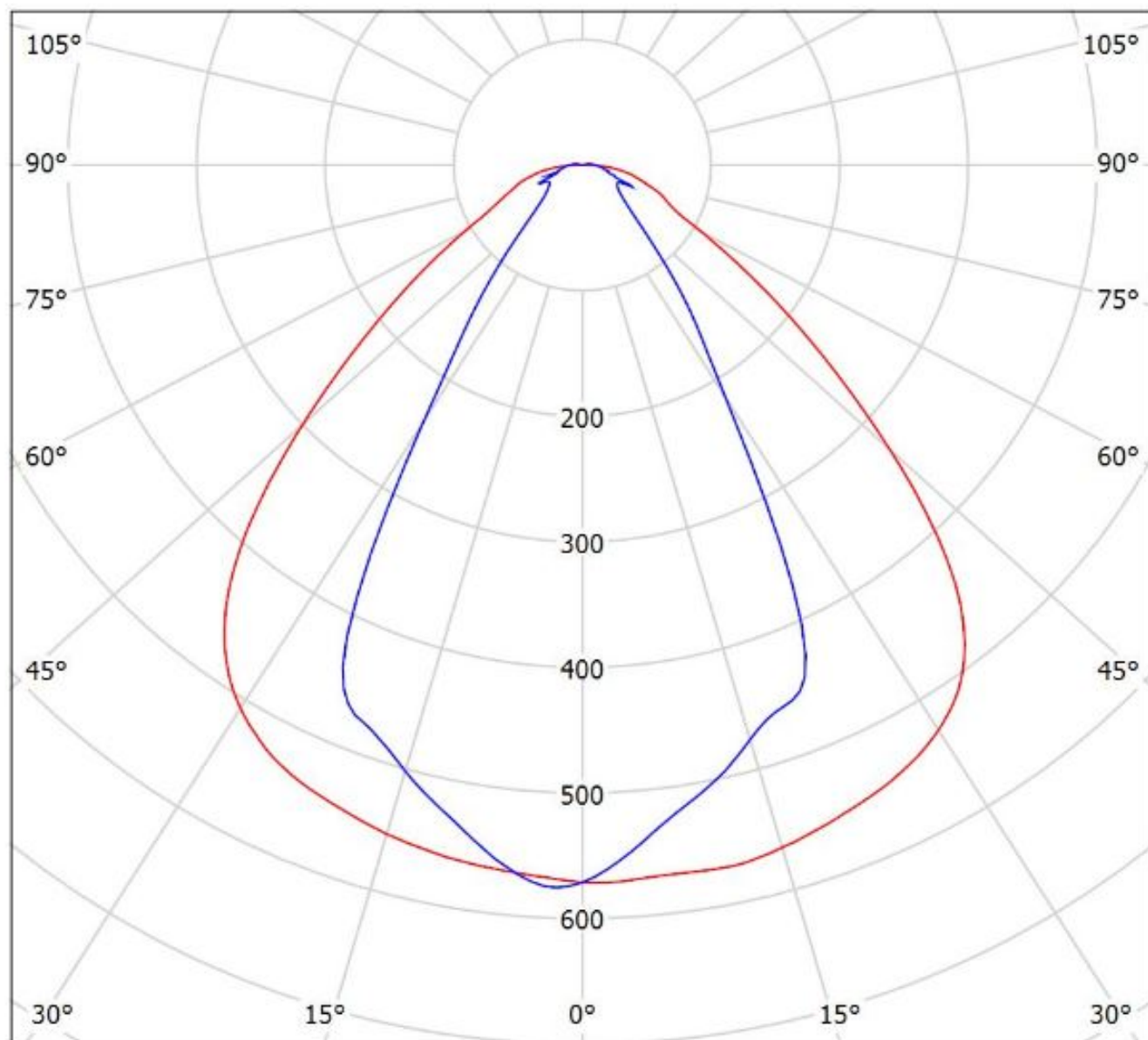
Luminaire: Ledil F15524 LINNEA-60 (CALOSNU410-M7W1)

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



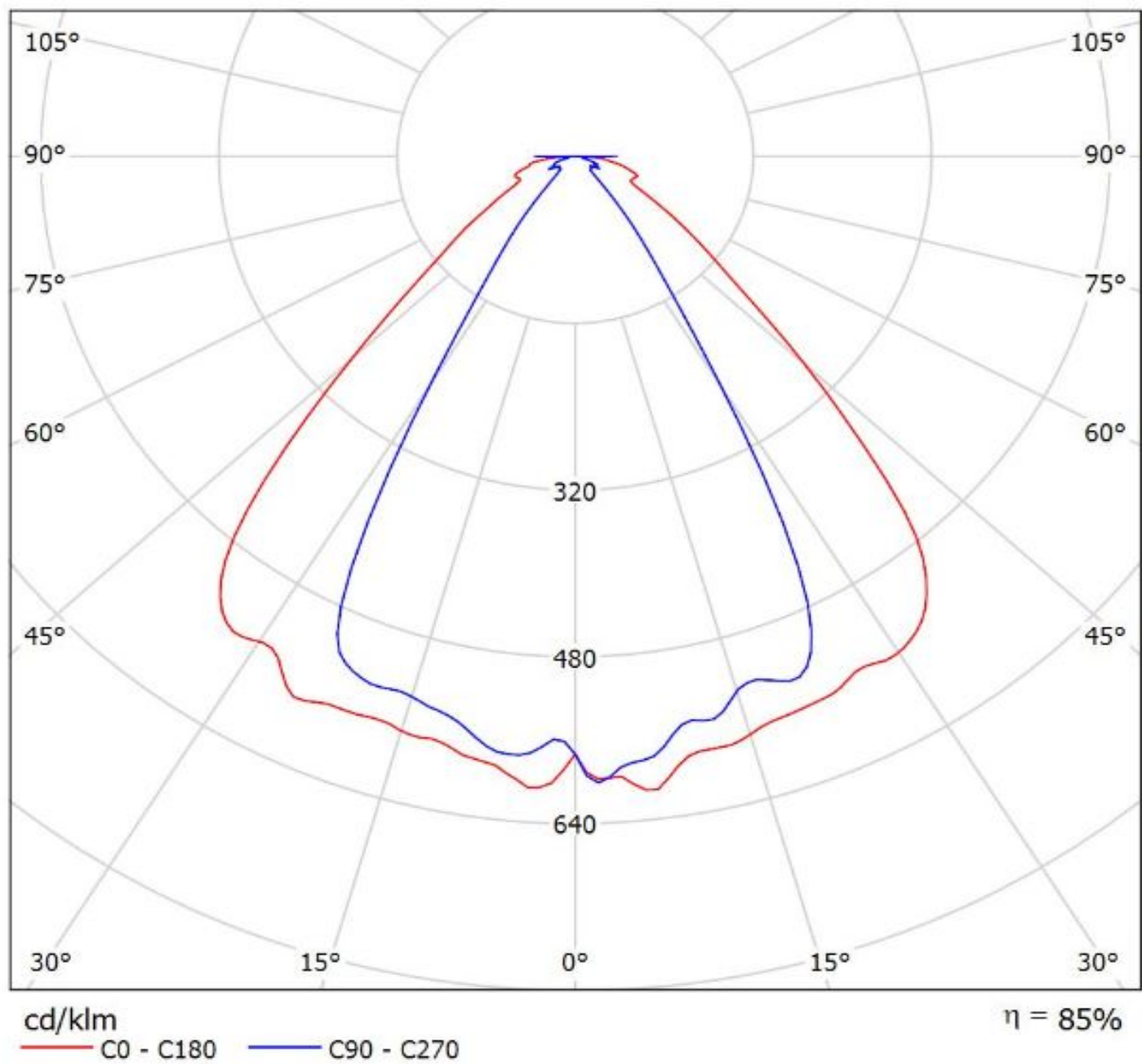
cd/klm

— C0 - C180

— C90 - C270

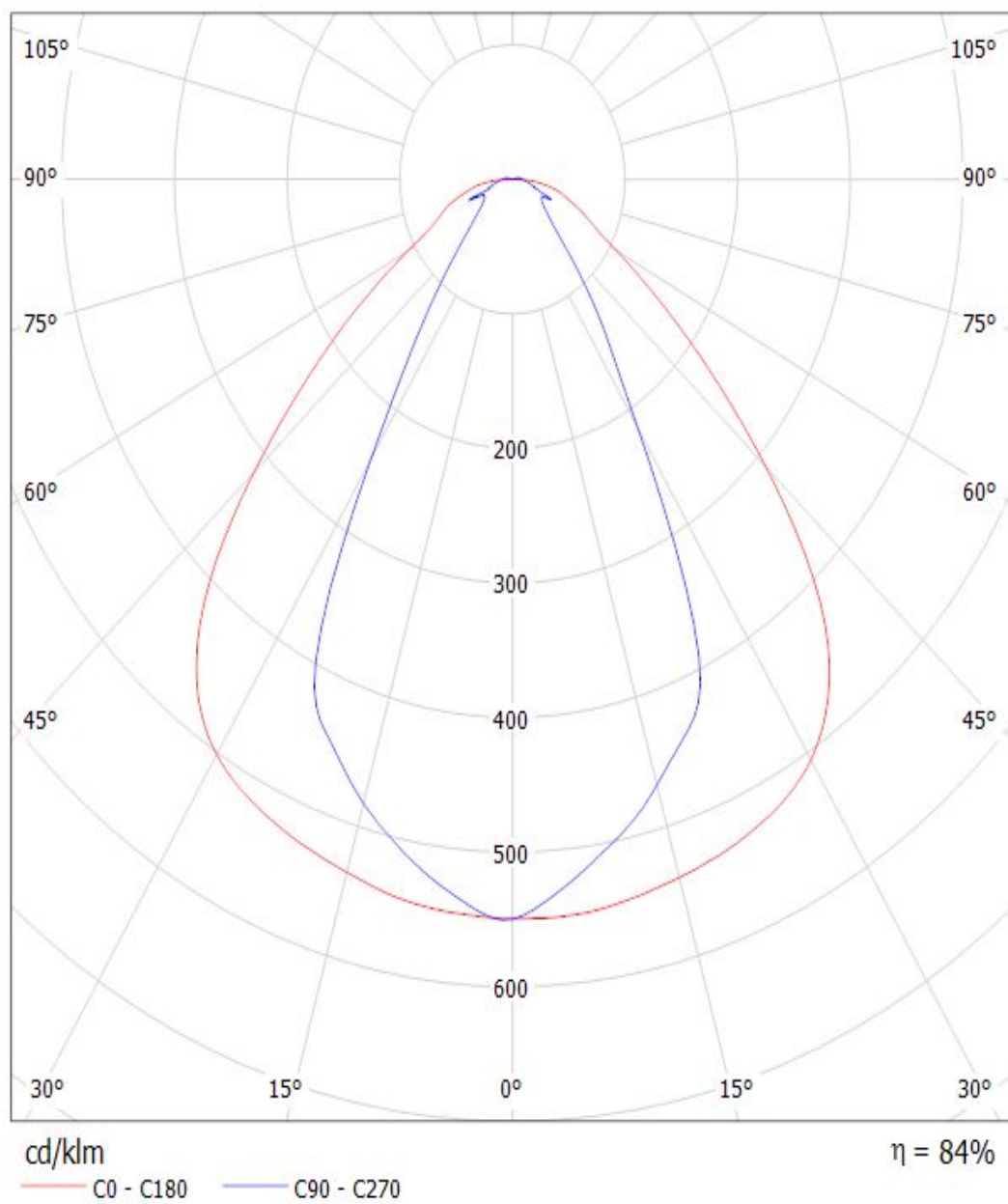
$\eta = 86\%$

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



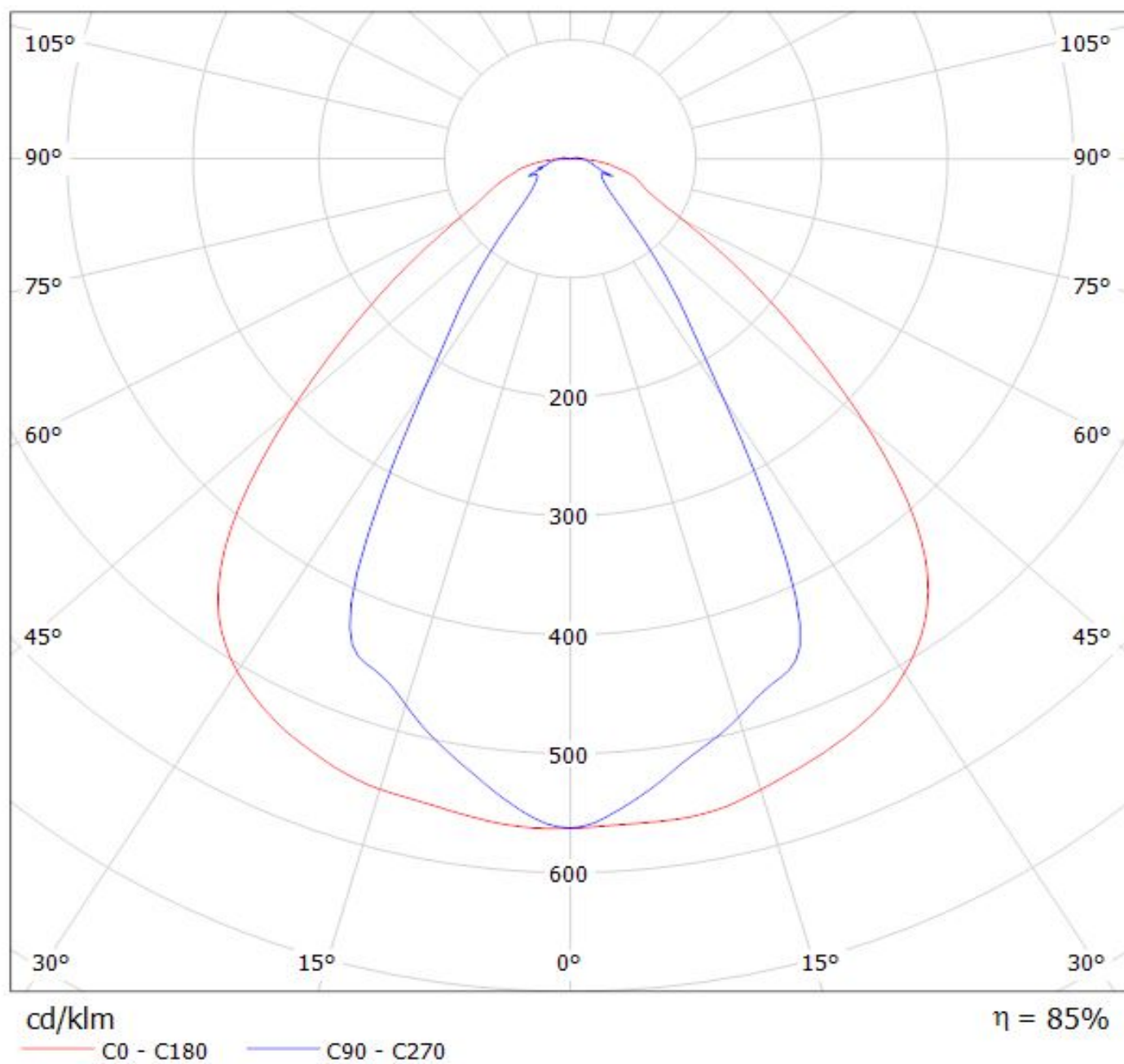
Luminaire: LEDiL Oy F15524_LINNEA-60_(Prevaled_Linear_Slim_1100lm)

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



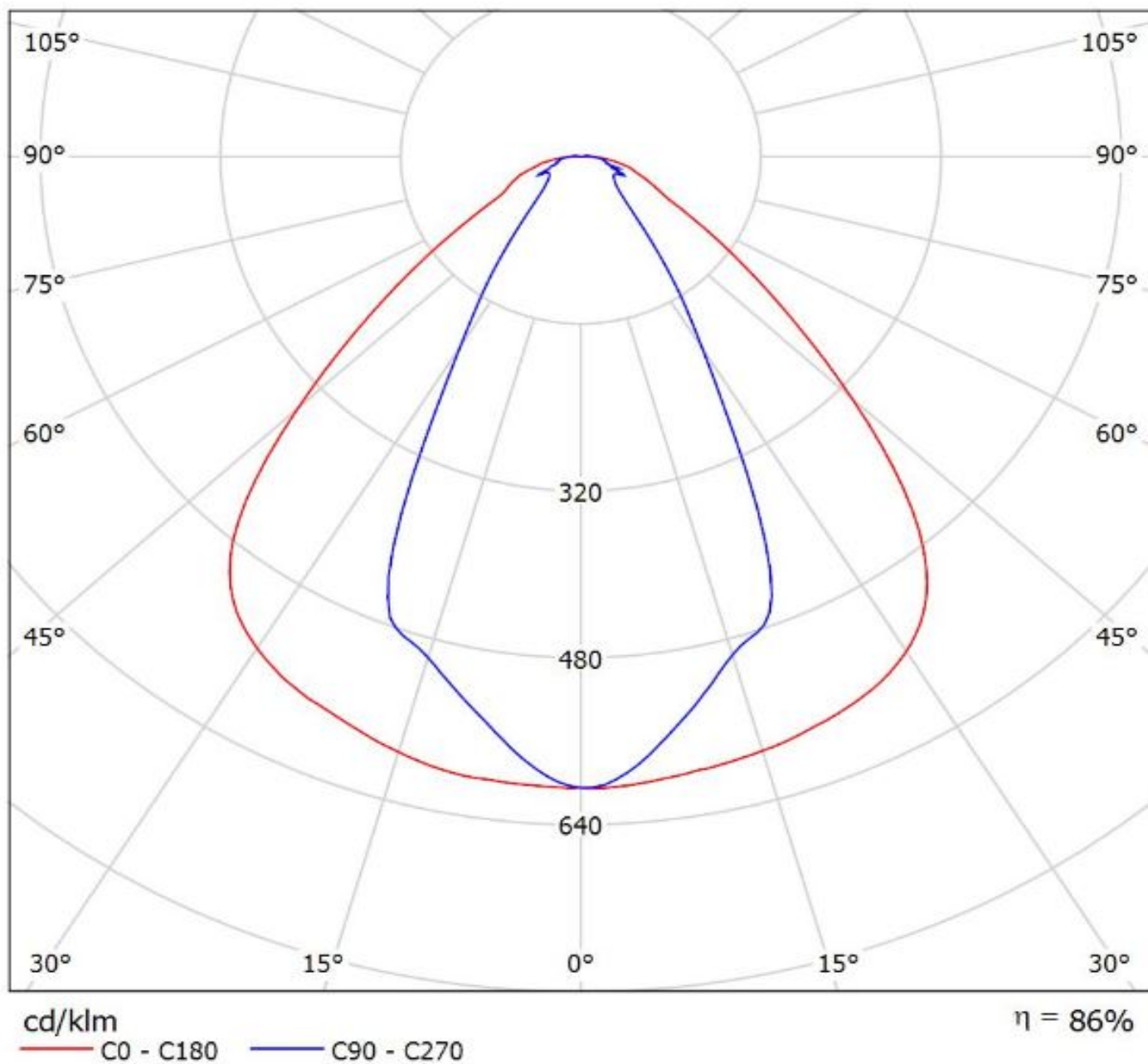
Luminaire: LEDiL Oy F15524_LINNEA-60_(LM561B+)_Cav1

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



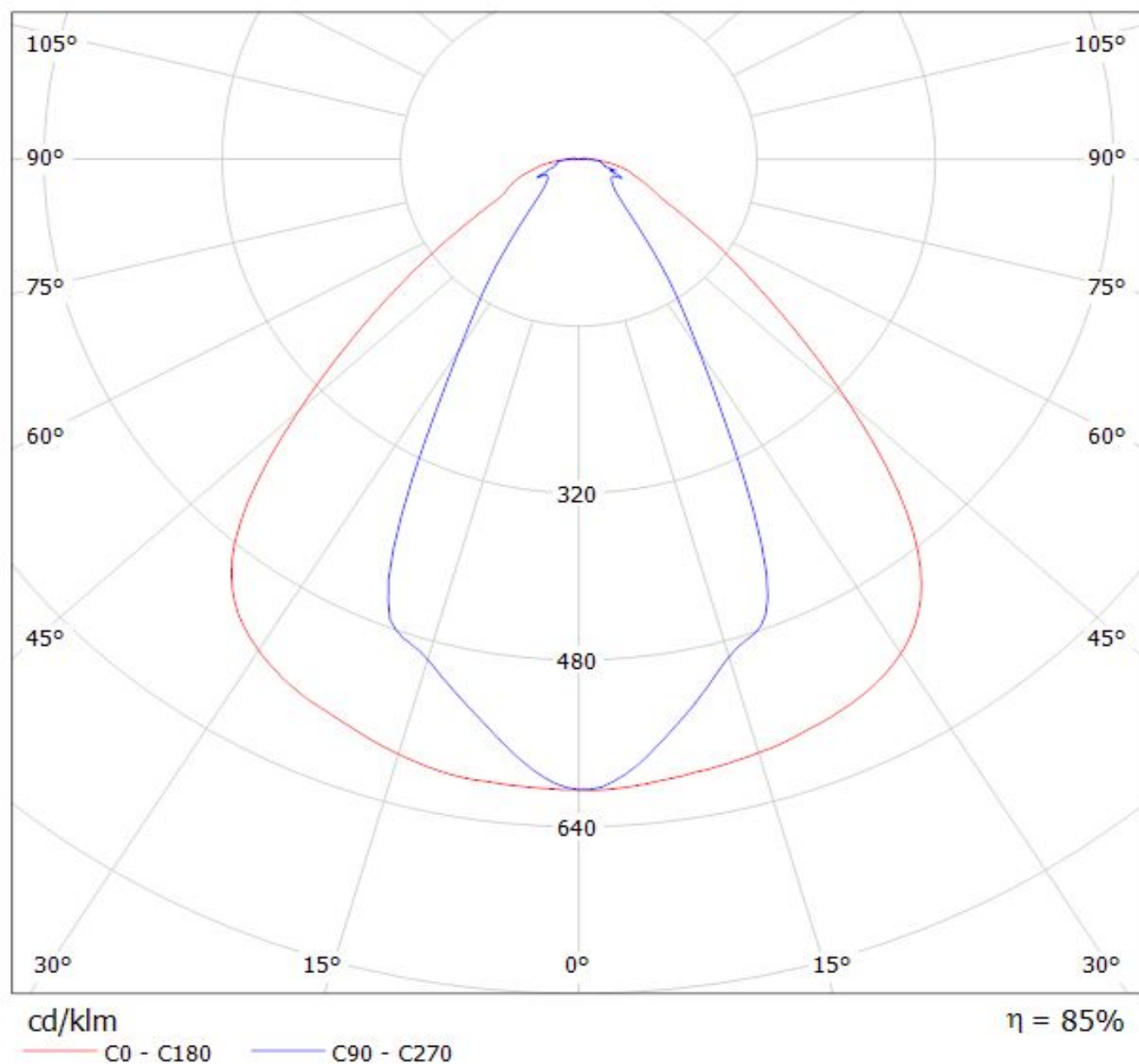
Luminaire: Ledil F15524_LINNEA-60_(LT-V282E)

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



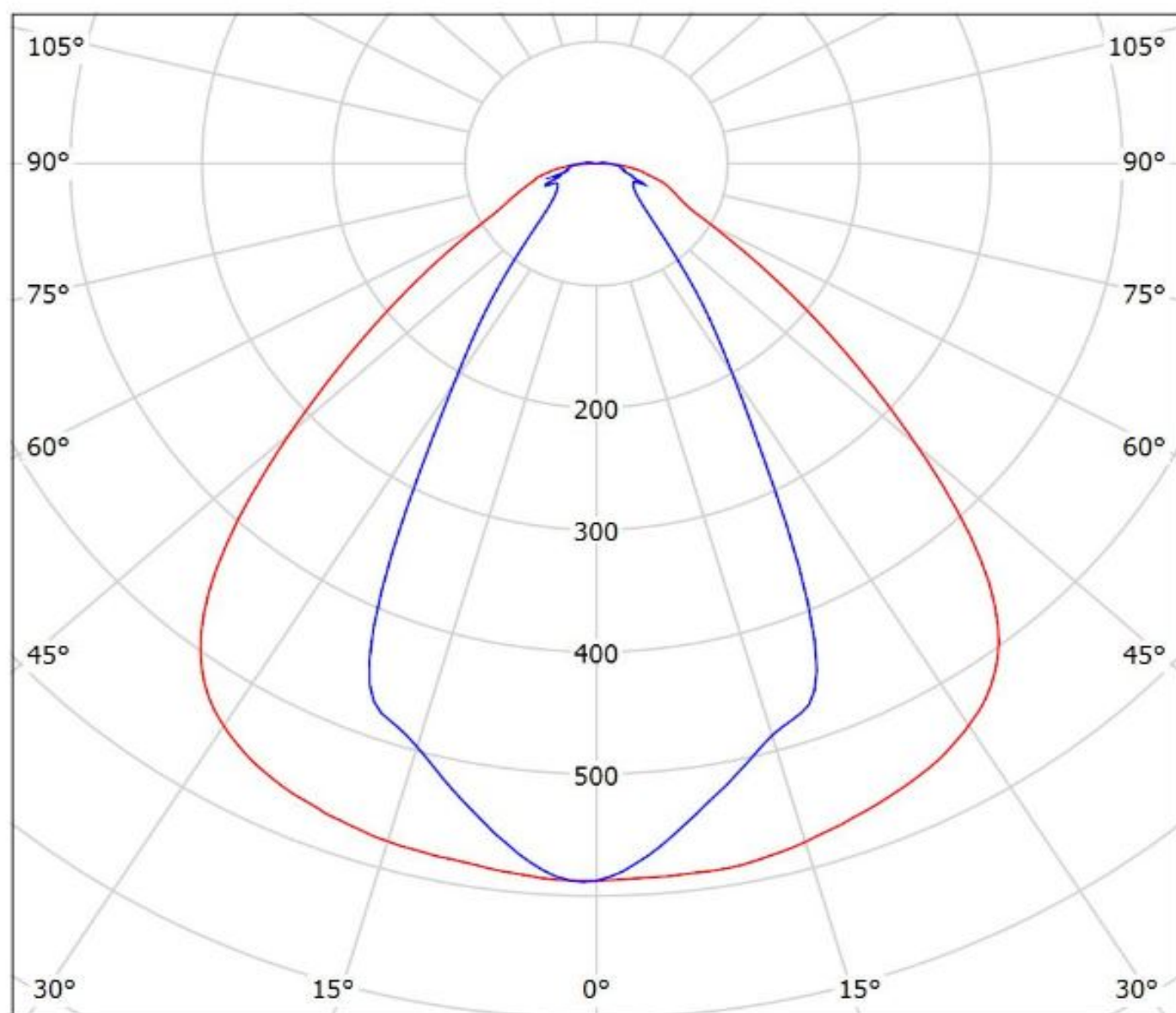
Luminaire: Ledil F15524 LINNEA-60_(LT-V562E)

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

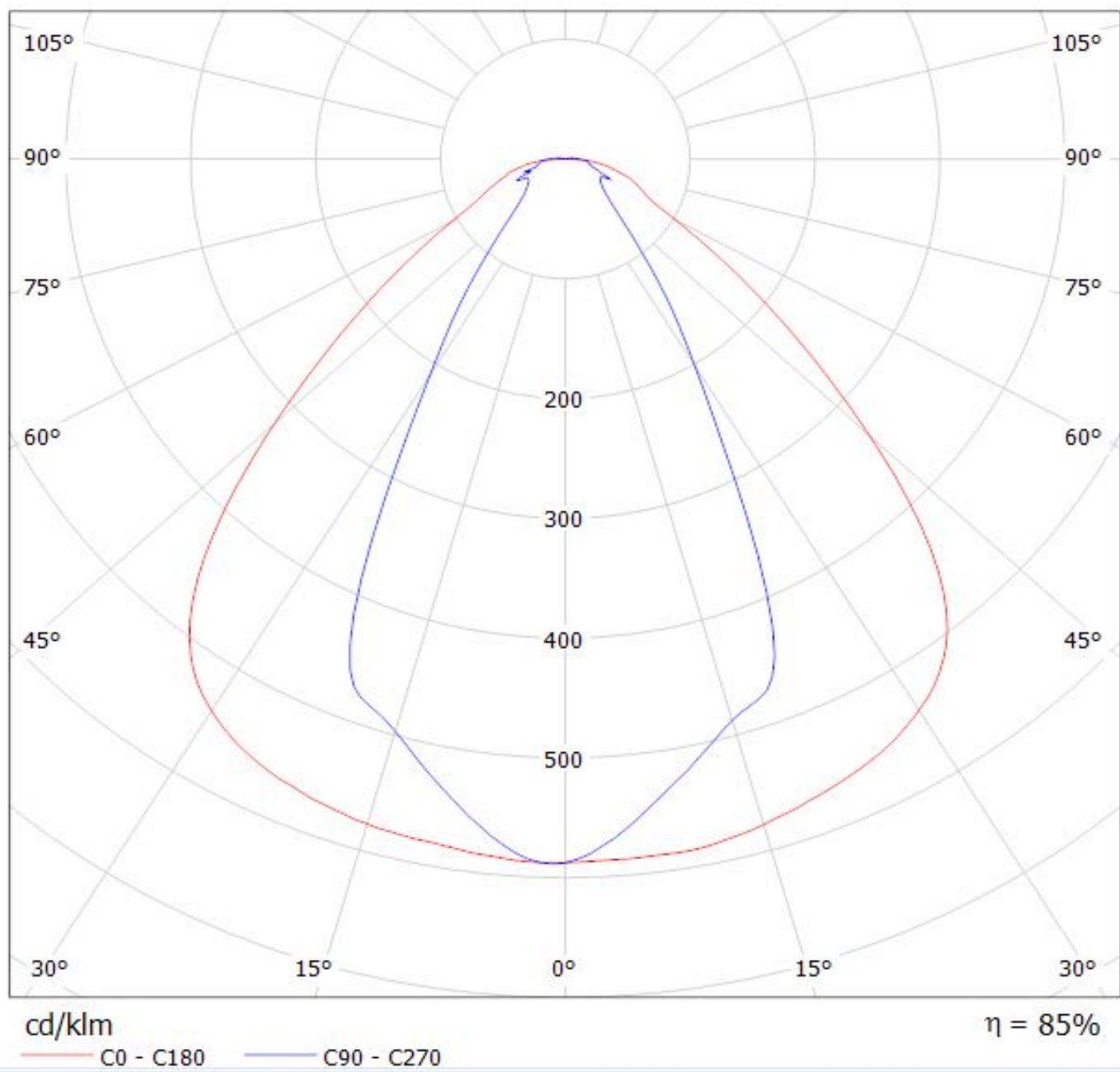


cd/klm

— C0 - C180 — C90 - C270

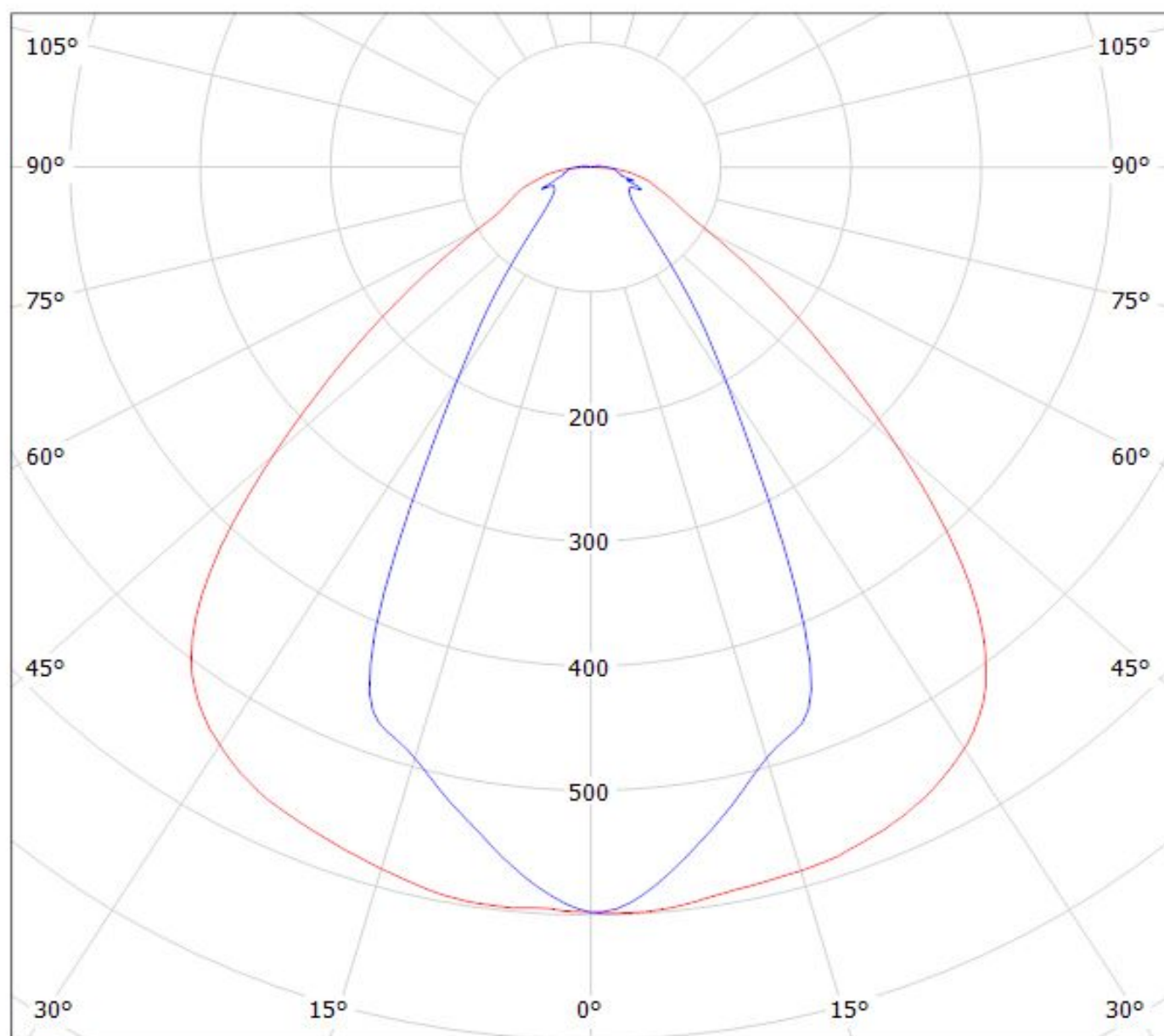
$\eta = 85\%$

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



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

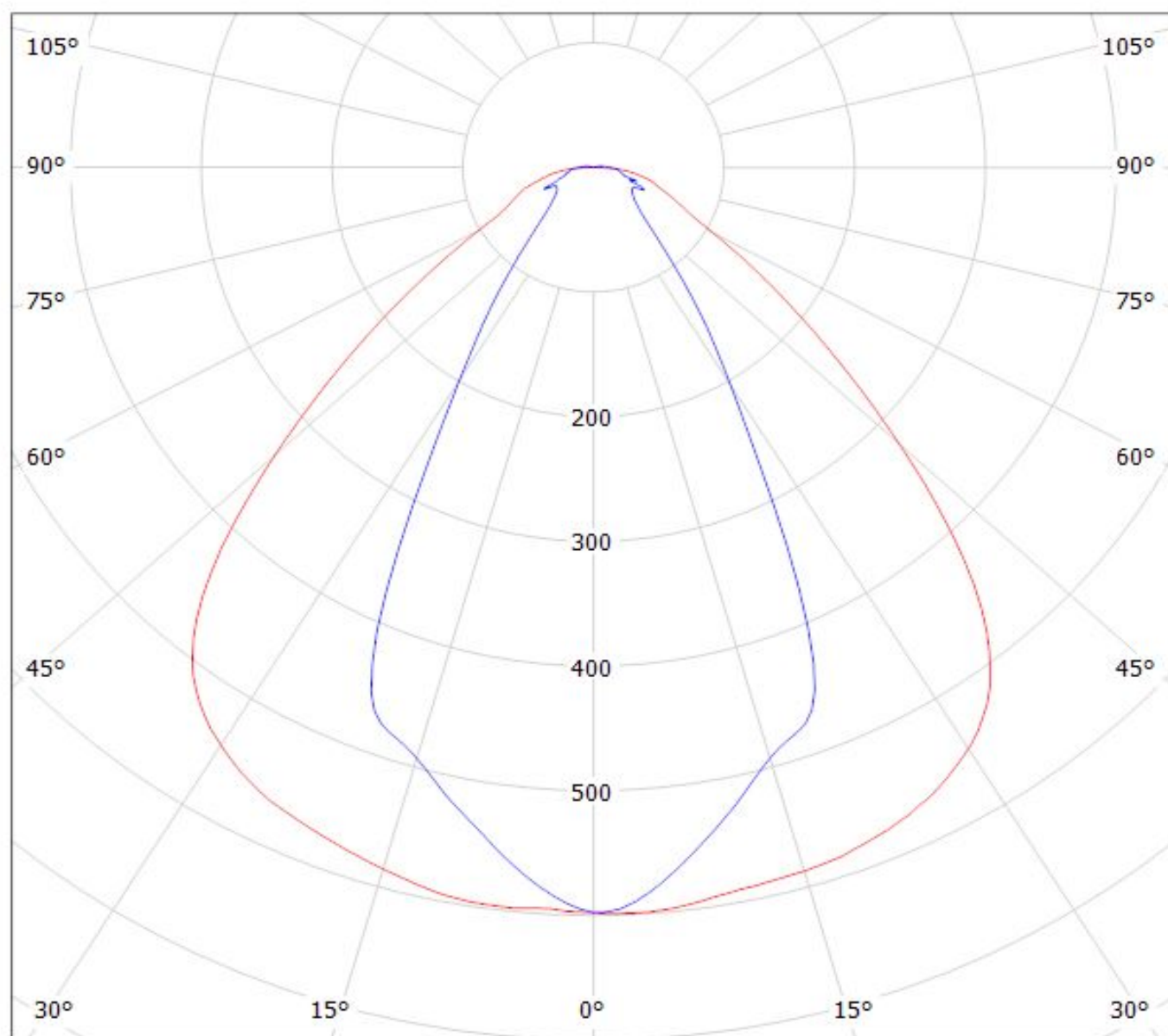
$\eta = 85\%$

— C0 - C180

— C90 - C270

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

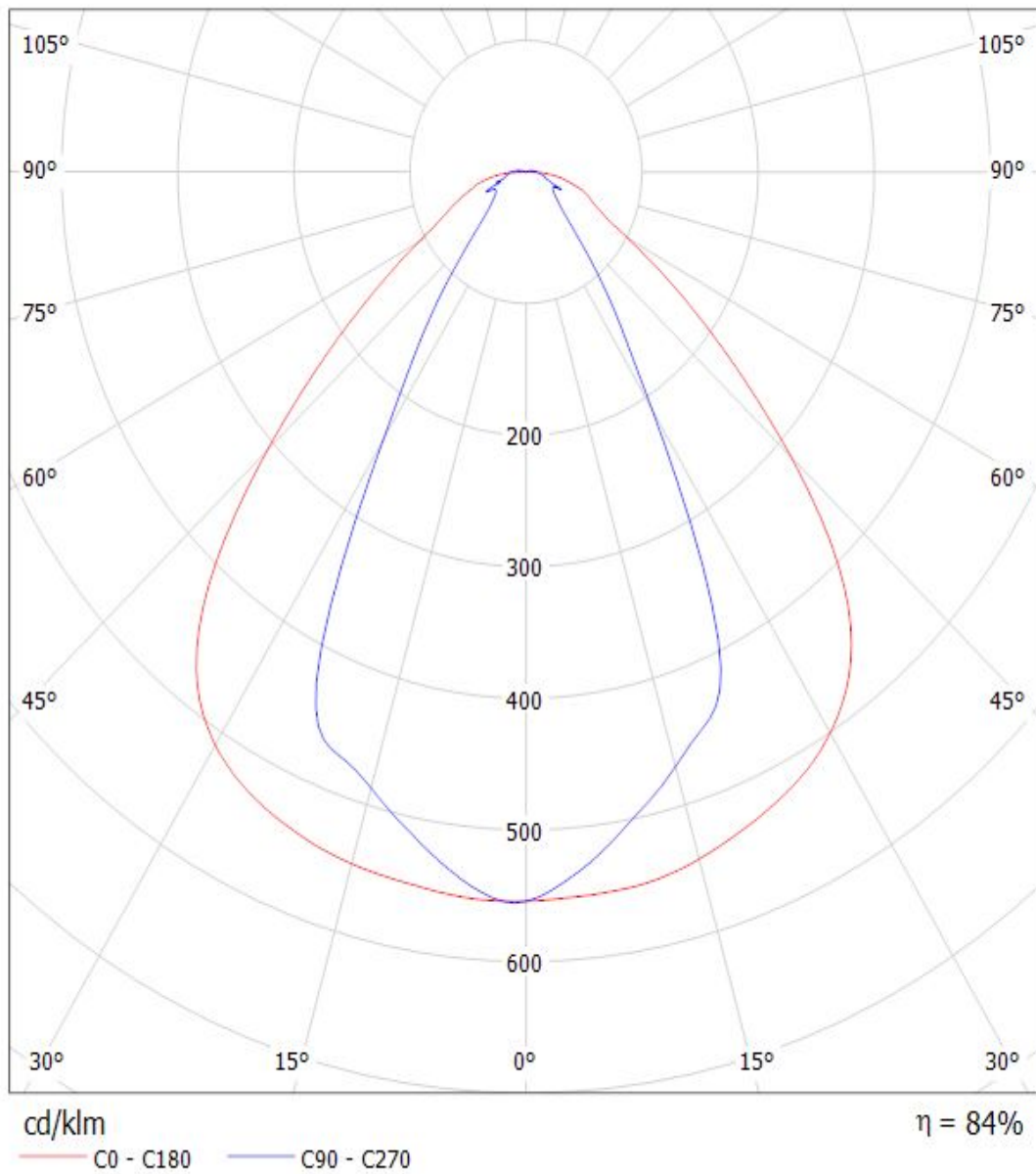
— C0 - C180

— C90 - C270

η = 85%

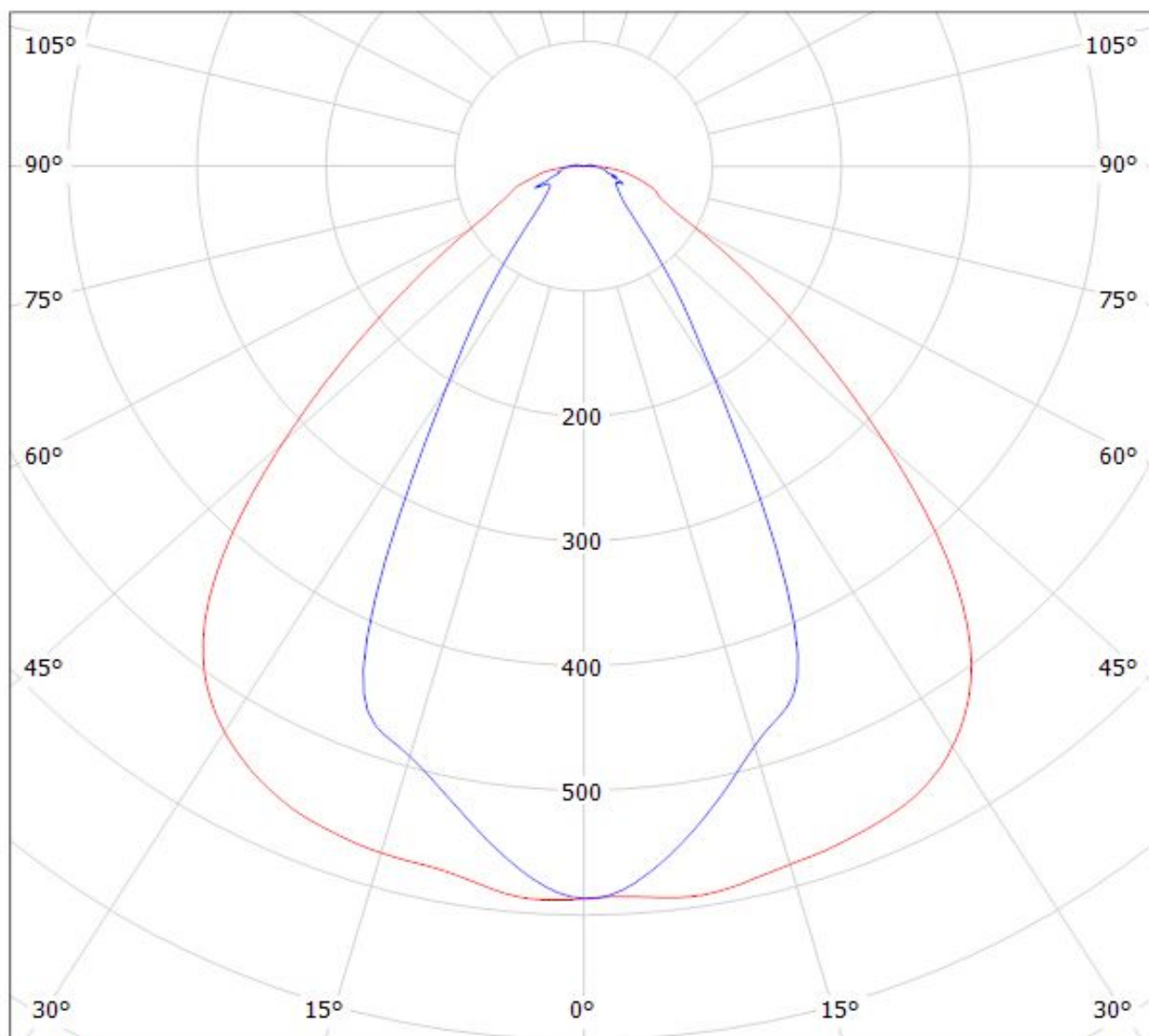
Luminaire: LEDiL Oy F15524_LINNEA-60_(Seoul_semi_5630D)

Lamps: 1 x Philips_Fortimo_LED_Strip_1ft_1100lm_850_IR_HV3_(Seoul_Semi_5630D)_932.657lm@250mA_P=5.68145W_I=0.250A



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

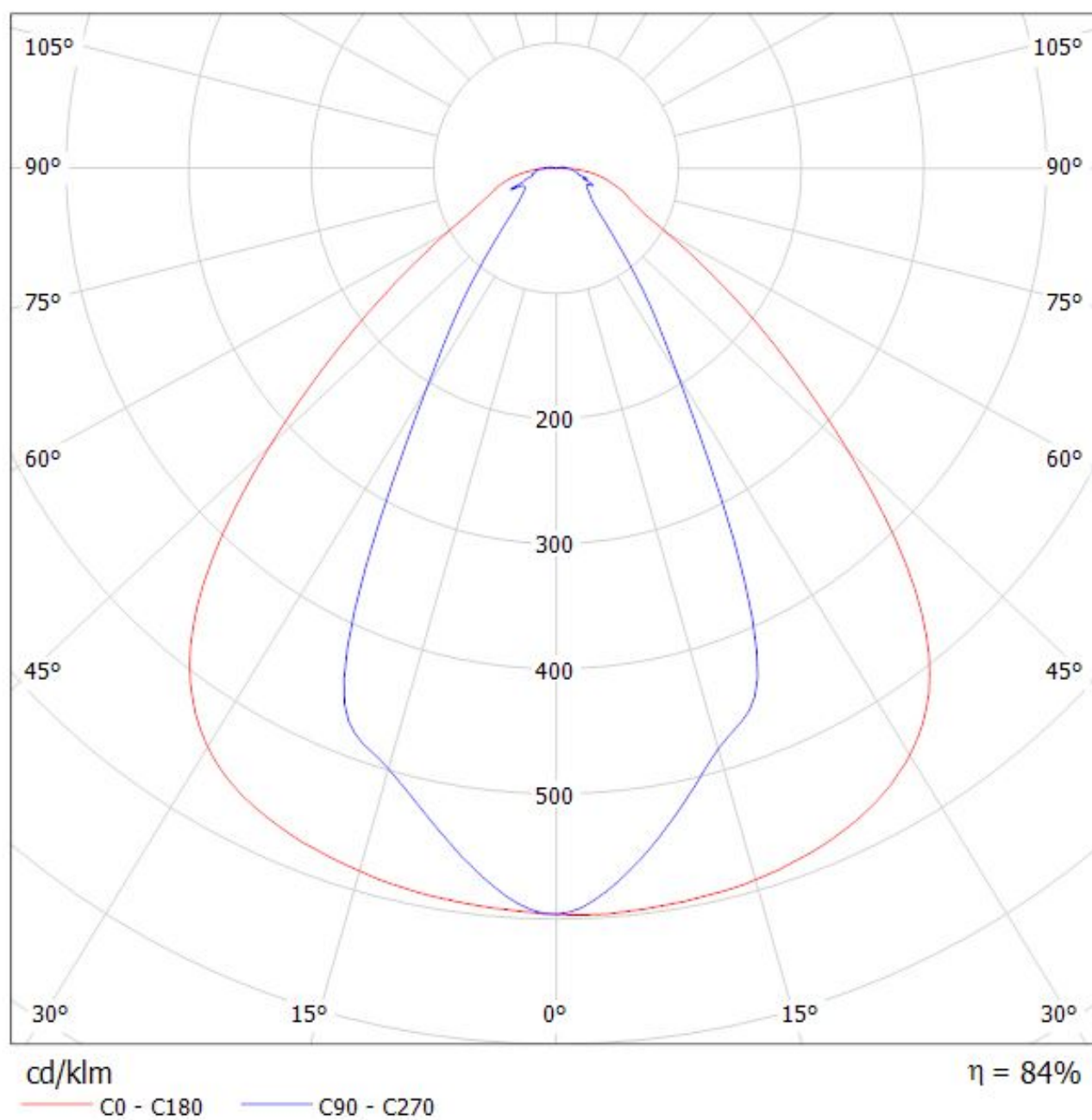
— C0 - C180

— 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



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.