

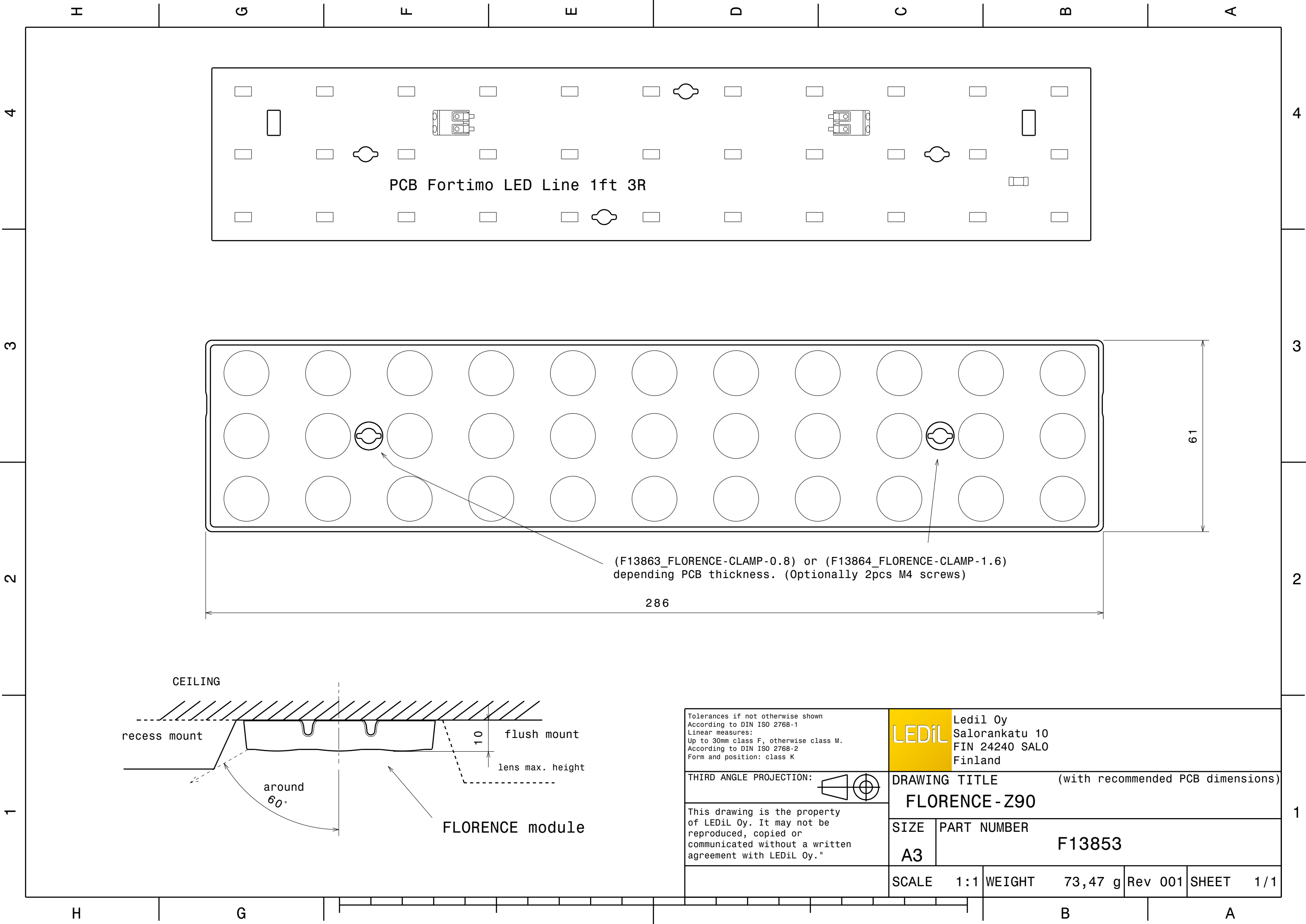
DETAILS

Product Number	F13853_FLORENCE-Z90
Family	Florence
Type	Lens array
Color	clear
Diameter	61 x 286 mm
Height	8.45 mm
Style	rectang
Optic Material	PMMA
Holder Material	
Fastening	screw
Status	ready
ROHS Compliant	Yes
Date Updated	9/05/2014



OPTICAL PROPERTIES

LED	Viewing Angle	Light Beam	Efficiency	cd/lm	connector
LM561B	86 degrees		85 %	0.420	-
Duris S5 (Single chip)	91 degrees		88 %	0.410	-
LM231 A/B	91 degrees		88 %	0.414	-
Duris E5	92 degrees		88 %	0.400	-
5630 (ASMU-LWG0-NxxE)	92 degrees		90 %	0.400	-
LG 6030	92 degrees		88 %	0.410	-
Luxeon 3535	92 degrees		87 %	0.410	-
NF2x757D	92 degrees		90 %	0.430	-
Fortimo LED Line 1ft 1100lm 8x0 3R xV2	92 degrees		88 %	0.400	-
Fortimo LED Line 1ft 650lm 8x0 3R xV2	93 degrees		87 %	0.390	-



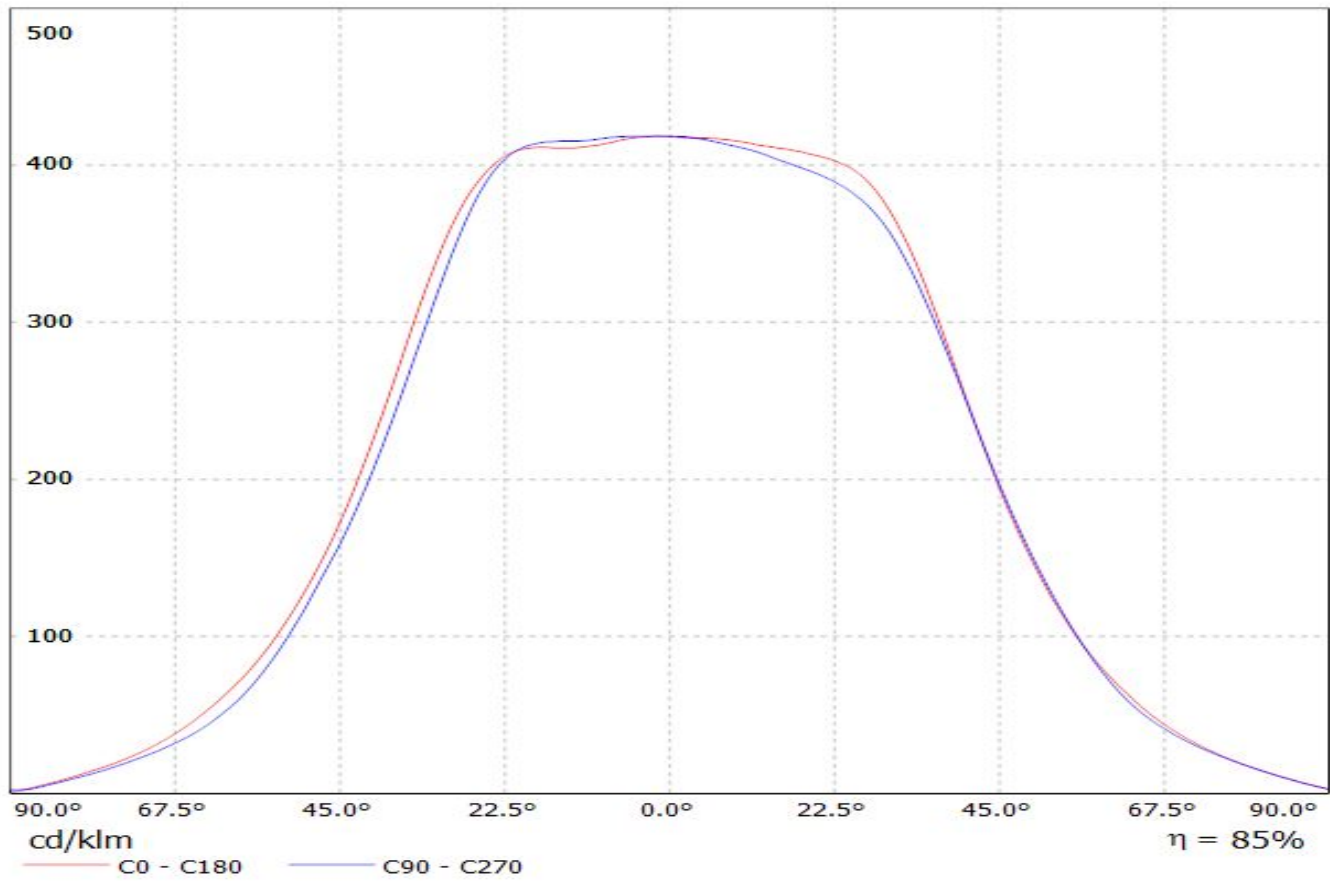
Tolerances if not otherwise shown
According to DIN ISO 2768-1
Linear measures:
Up to 30mm class F, otherwise class M.
According to DIN ISO 2768-2
Form and position: class K

THIRD ANGLE PROJECTION:

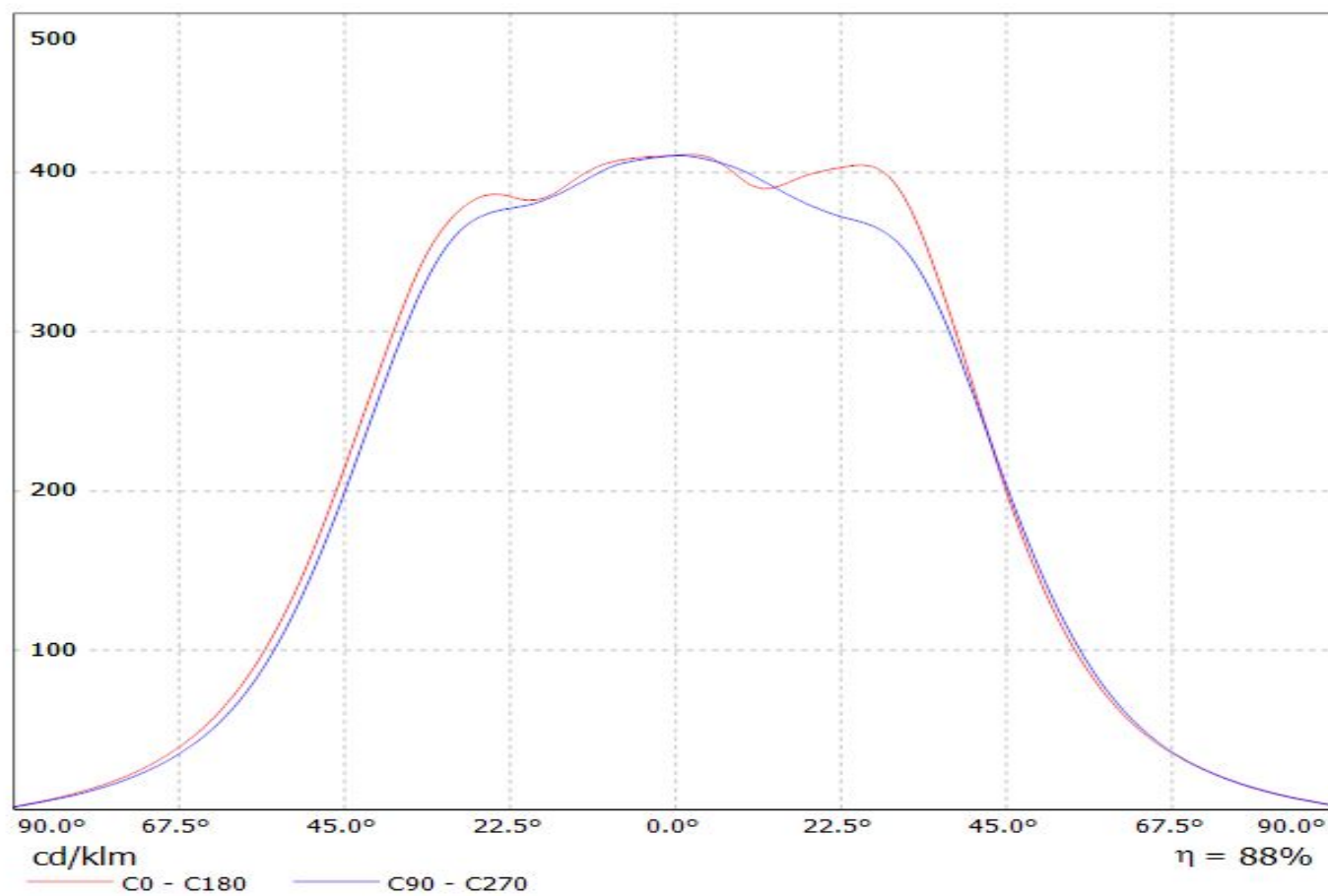
This drawing is the property
of LEDiL Oy. It may not be
reproduced, copied or
communicated without a written
agreement with LEDiL Oy."

LEDiL		LediL Oy Salorankatu 10 FIN 24240 SALO Finland			
		DRAWING TITLE (with recommended PCB dimensions) FLORENCE - Z90			
SIZE A3		PART NUMBER F13853			
SCALE 1:1		WEIGHT 73,47 g	Rev 001	SHEET 1/1	

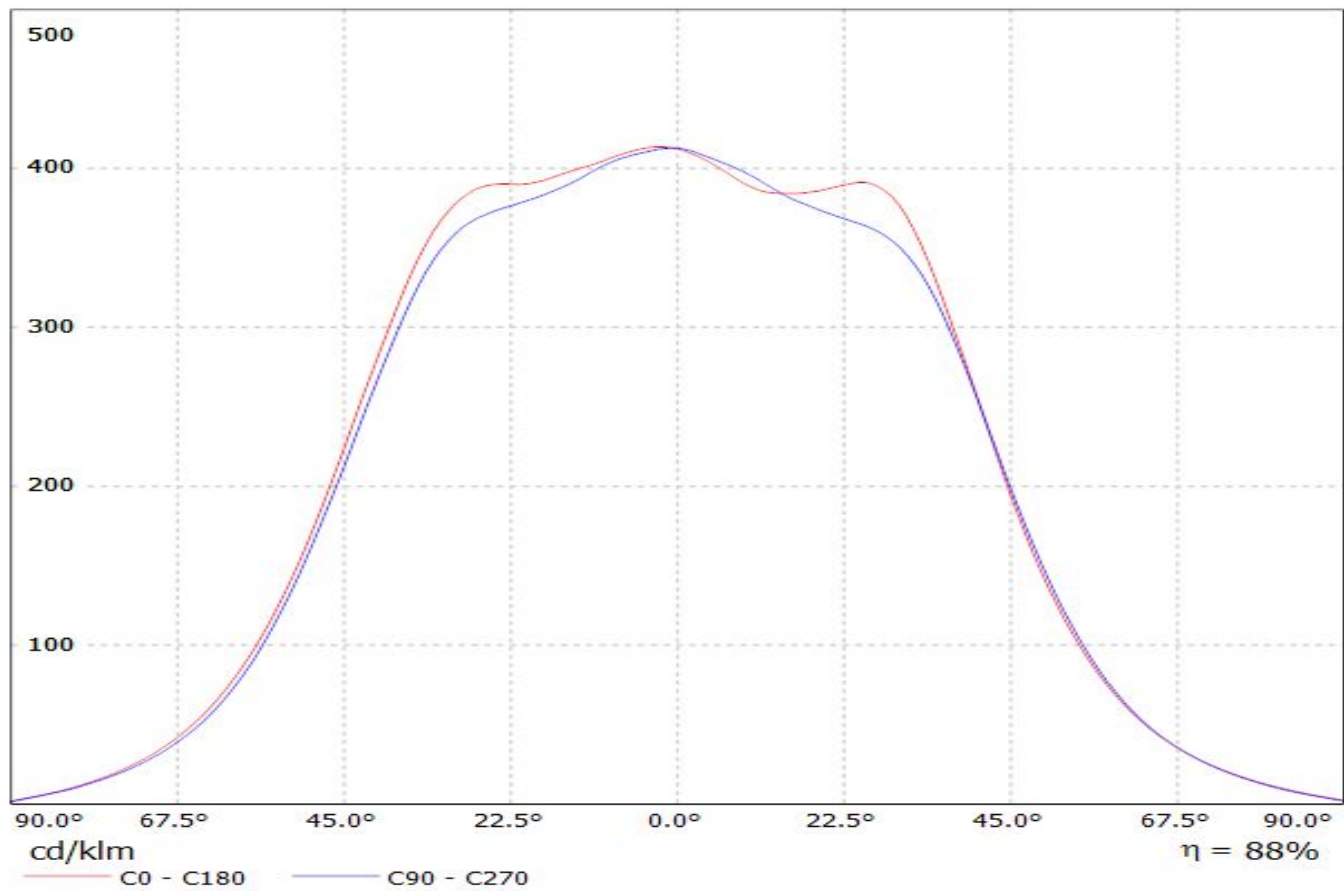
Luminaire: LEDiL Oy F13853_FLORENCE-Z90_(SAMSUNG_LM561B)
Lamps: 1 x SAMSUNG_LM561B_679.266lm@150mA_P=4.6185W_I=150mA



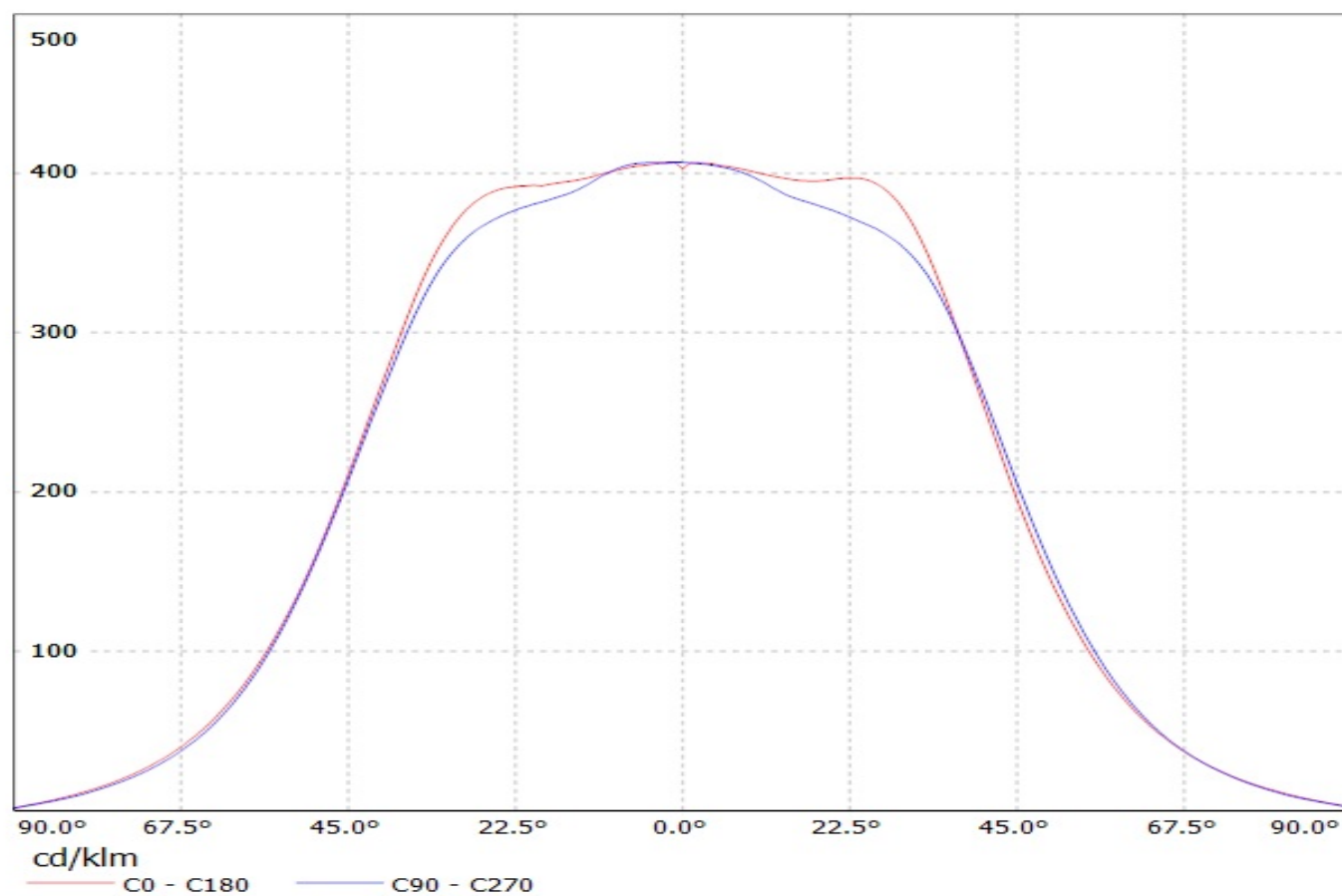
Luminaire: LEDiL Oy F13853_FLORENCE-Z90_(DURIS_S5) Eff.87.5%
Lamps: 1 x DURIS_S5_500.39lm@120mA_P=3.76814W_I=120.1mA



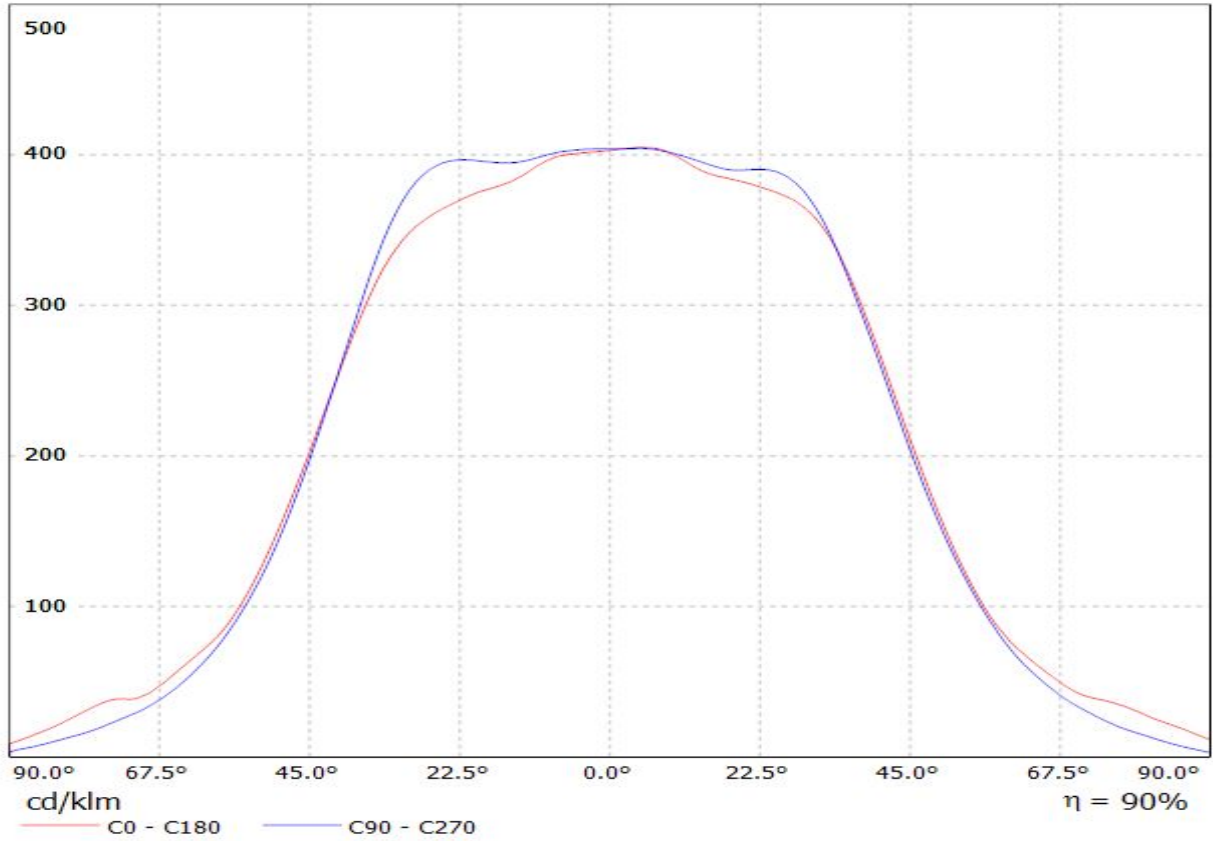
Luminaire: LEDiL Oy F13853_FLORENCE-Z90_(LM231B) Eff.87.6%
Lamps: 1 x SAMSUNG_LM231B_571.834lm@150mA_P=4.62435W_I=150mA



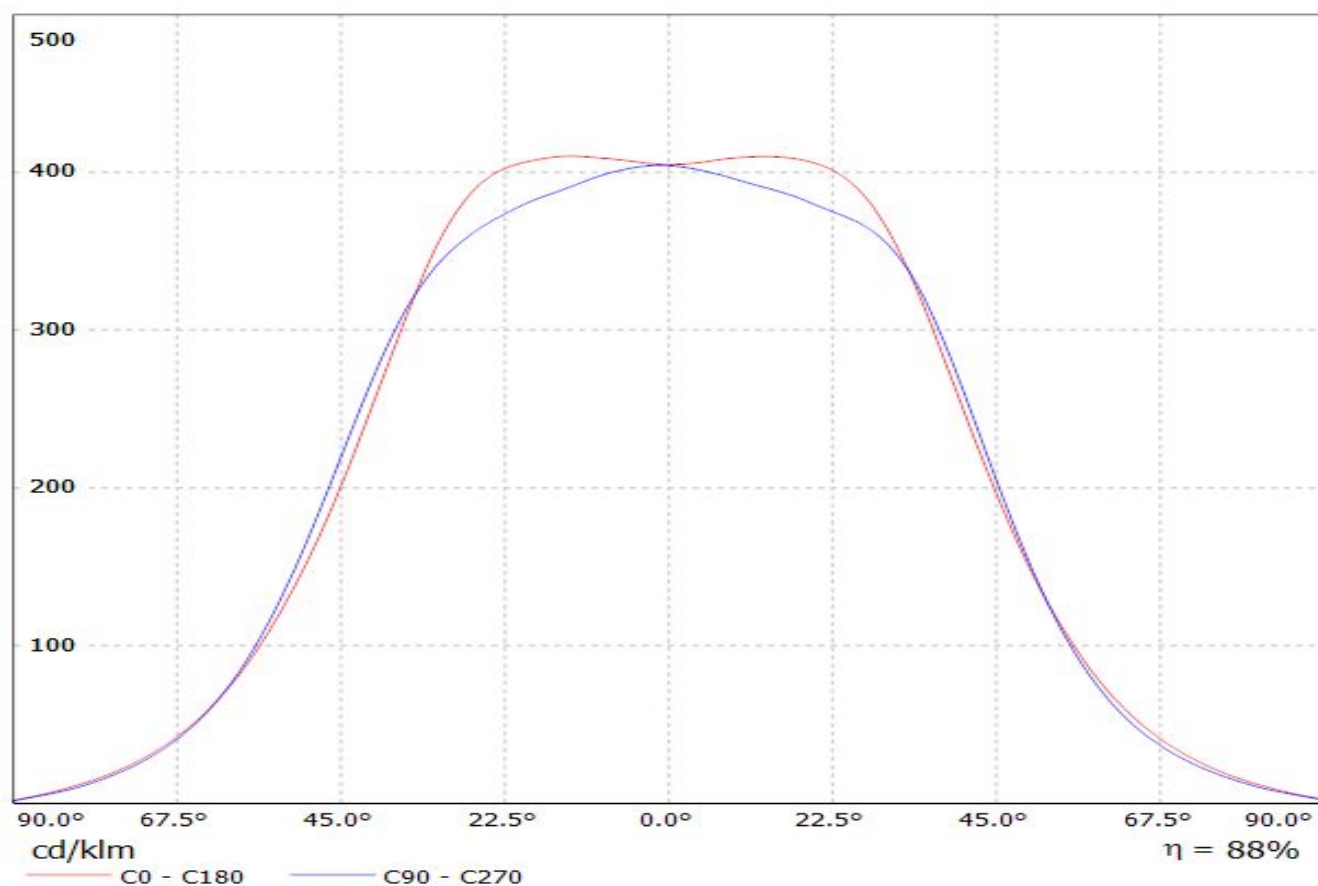
Luminaire: LEDiL Oy F13853_FLORENCE-Z90_(DURIS_E5) Eff: 88%
Lamps: 1 x Osram_DURIS_E5_567.032lm@120mA_P=3.6693W_I=120.1mA



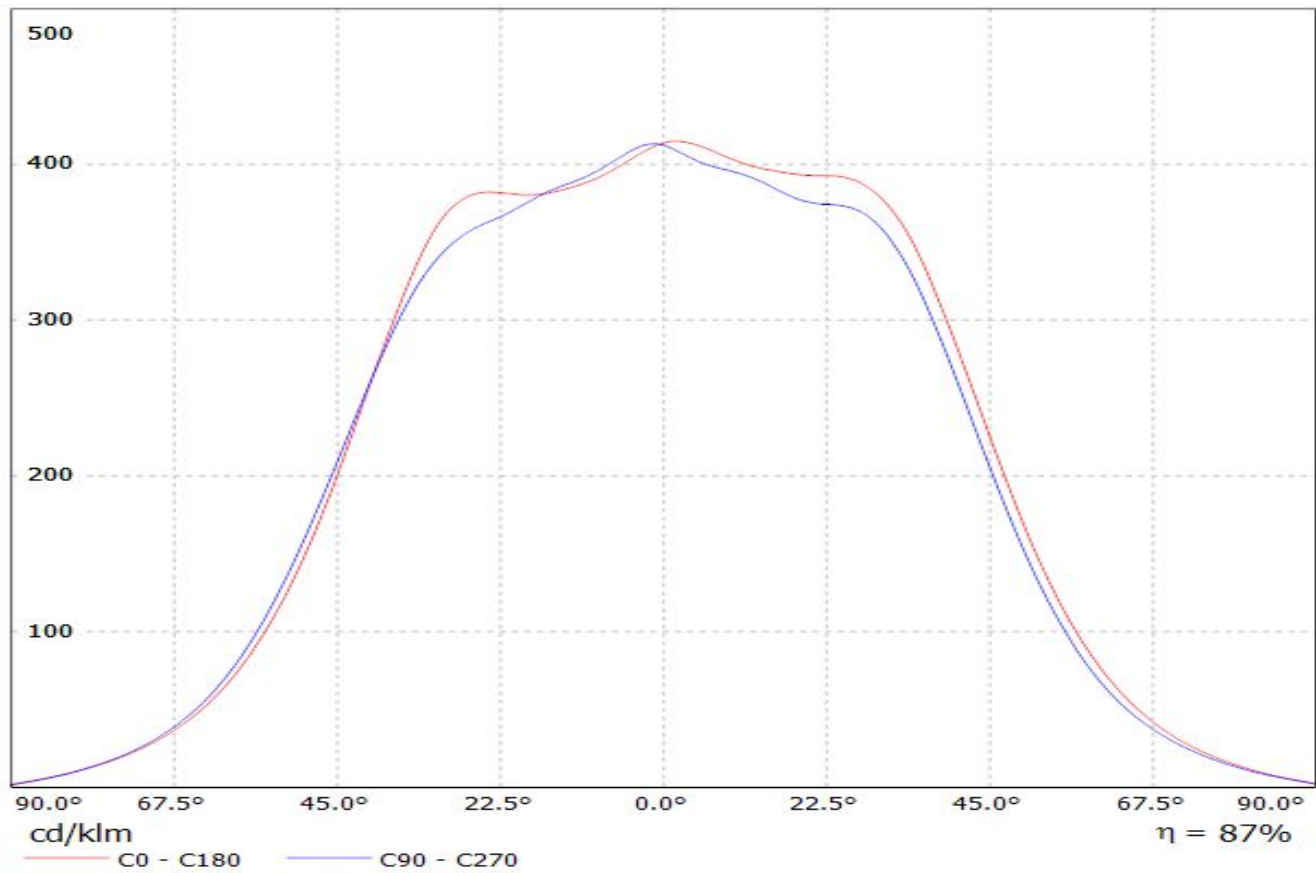
Luminaire: LEDiL Oy F13853_FLORENCE-Z90_(AVAGO 5630 0.5W)
Lamps: 1 x AVAGO ASMU-LWG0-NxxxE 1677.82lm@420mA 34.8V



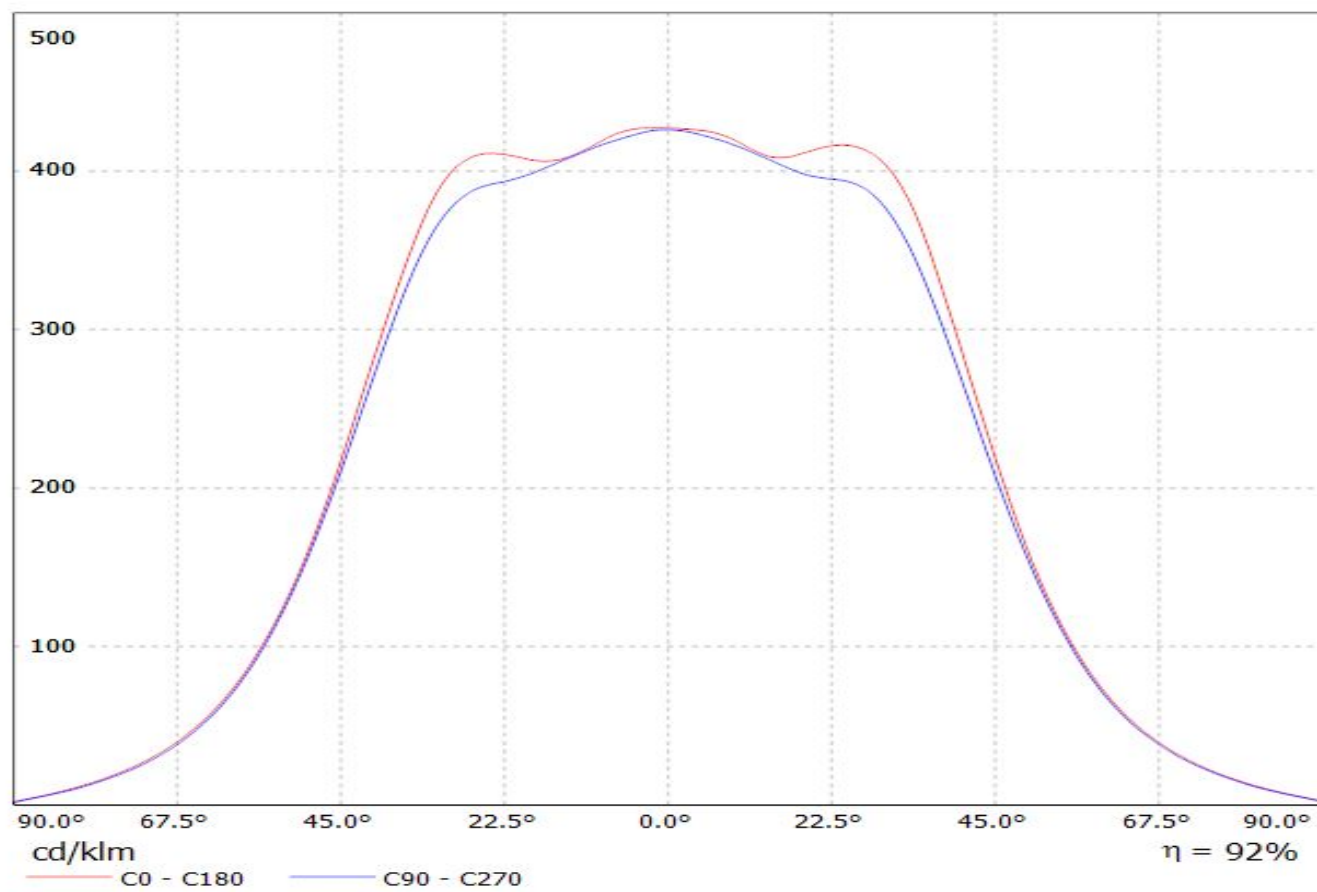
Luminaire: LEDiL Oy F13853_FLORENCE-Z90_LG_6030) Eff.87.9%
Lamps: 1 x LG_6030_(LEWMS68T80HZ)_1031.47lm@240mA_CCT=5000K_P=7.54368W_I=240mA



Luminaire: LEDiL Oy F13853_FLORENCE-Z90_(LUXEON_3535_2D) Eff.87.5%
Lamps: 1 x LUXEON_3535_2D_1513.88lm@200mA_P=12.7114W_I=199.9mA

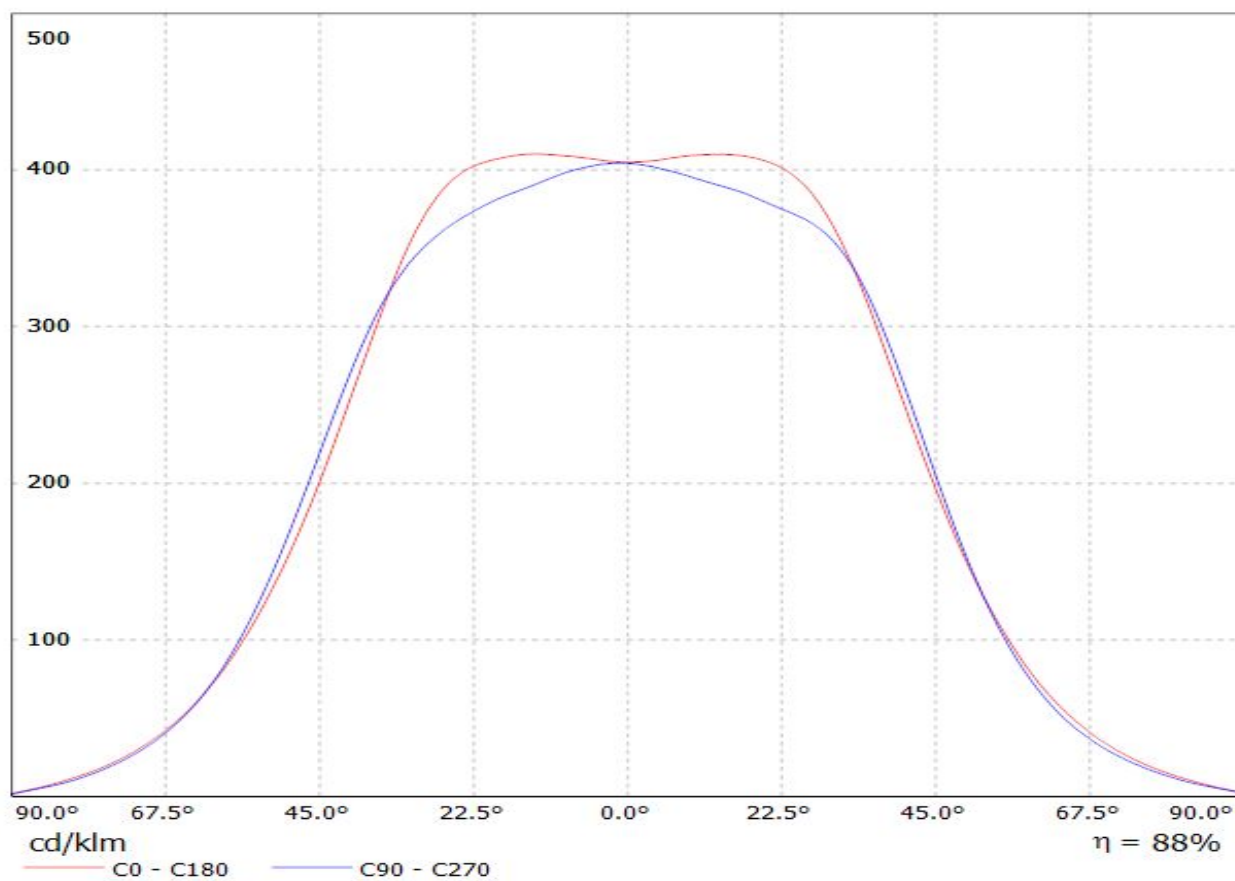


Luminaire: LEDiL Oy F13853_FLORENCE-Z90_(NICHIA757)
Lamps: 1 x NICHIA757 (NT2W757DRT) 1387lm@150mA



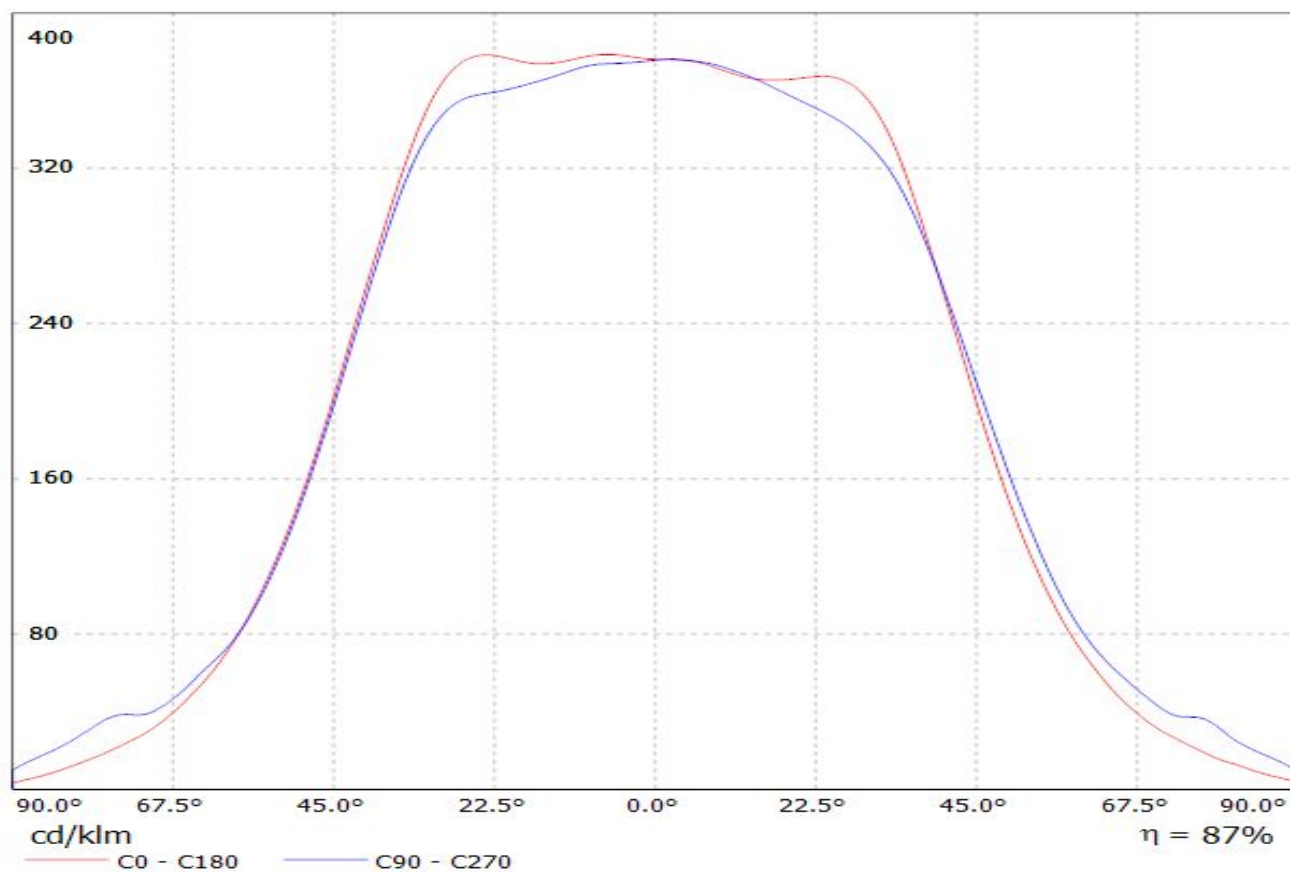
Luminaire: LEDiL Oy F13853_FLORENCE-Z90 Eff.87.9%

Lamps: 1 x Fortimo_LED_Line_1ft_1100lm_3R_HV2_1031.47lm@240mA_CCT=5000K_P=7.54368W_I=240mA



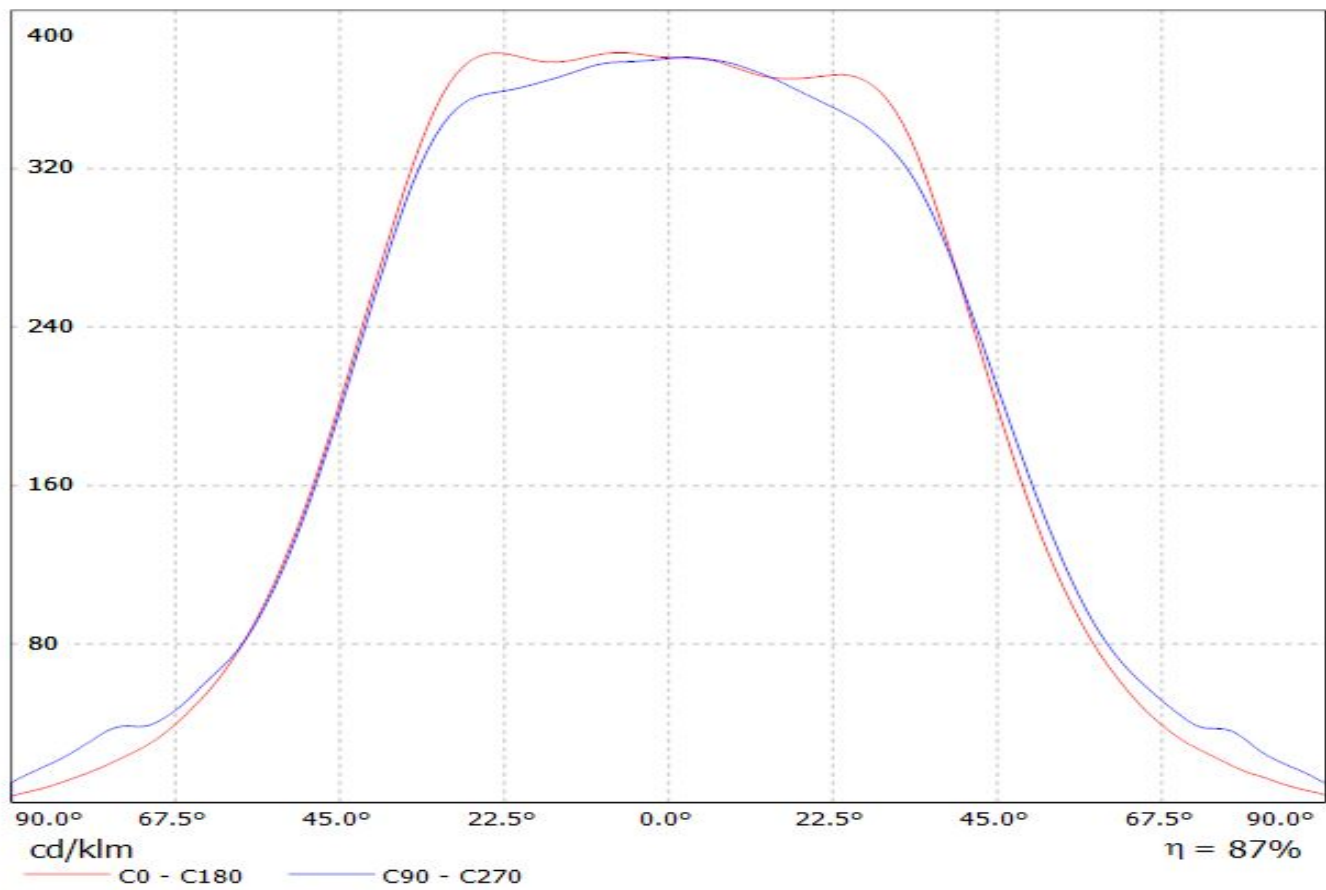
Luminaire: LEDiL Oy F13853_FLORENCE-Z90

Lamps: 1 x PHILIPS Fortimo LED Line 1ft 650lm 840 3R HV2 1100lm@250mA P=8.41224W I=250.7mA



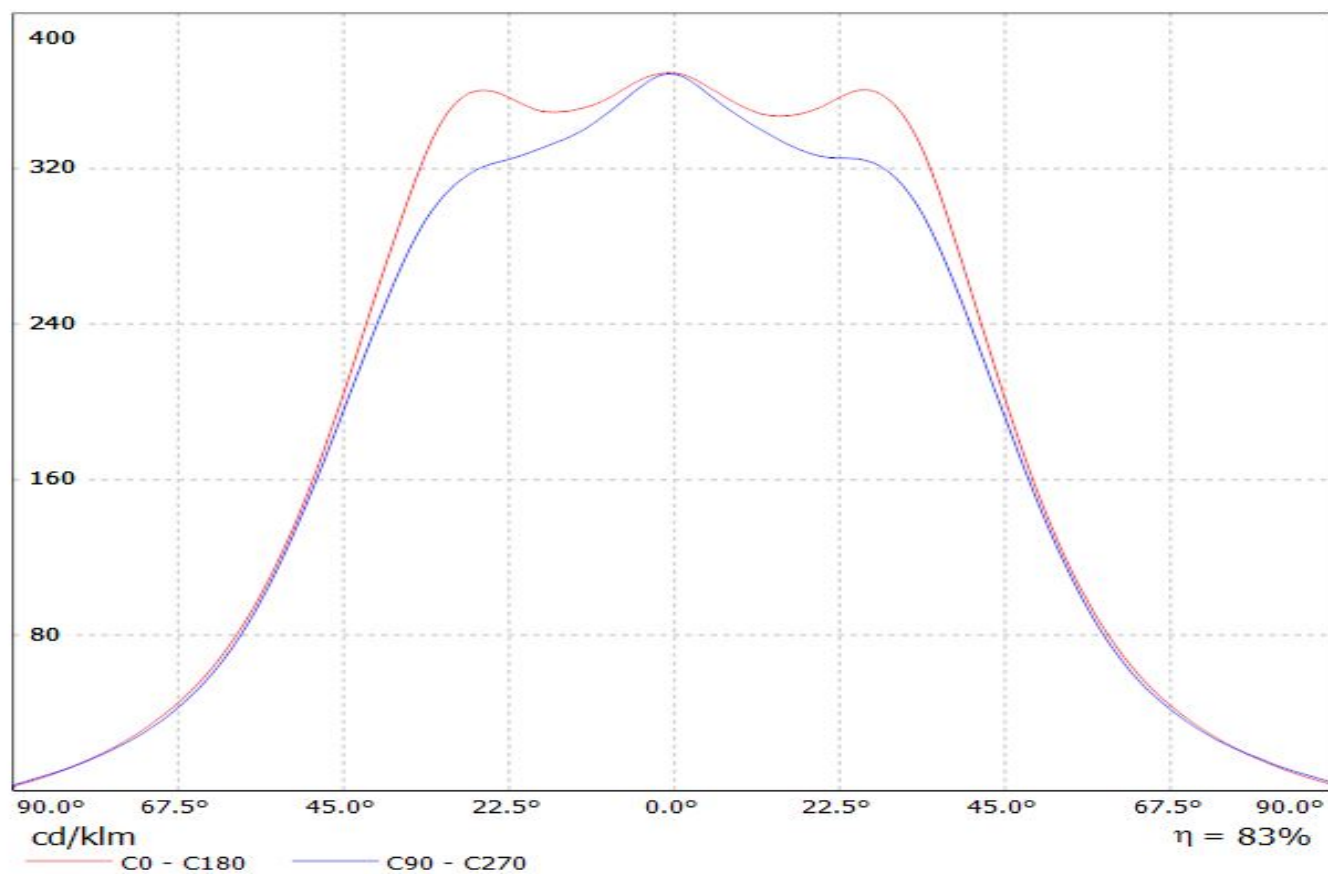
Luminaire: LEDiL Oy F13853_FLORENCE-Z90 (LG5630)

Lamps: 1 x FLORENCE_FORTIMO_(LG_5630)_1100lm@250mA P=8.41224W I=250.7mA

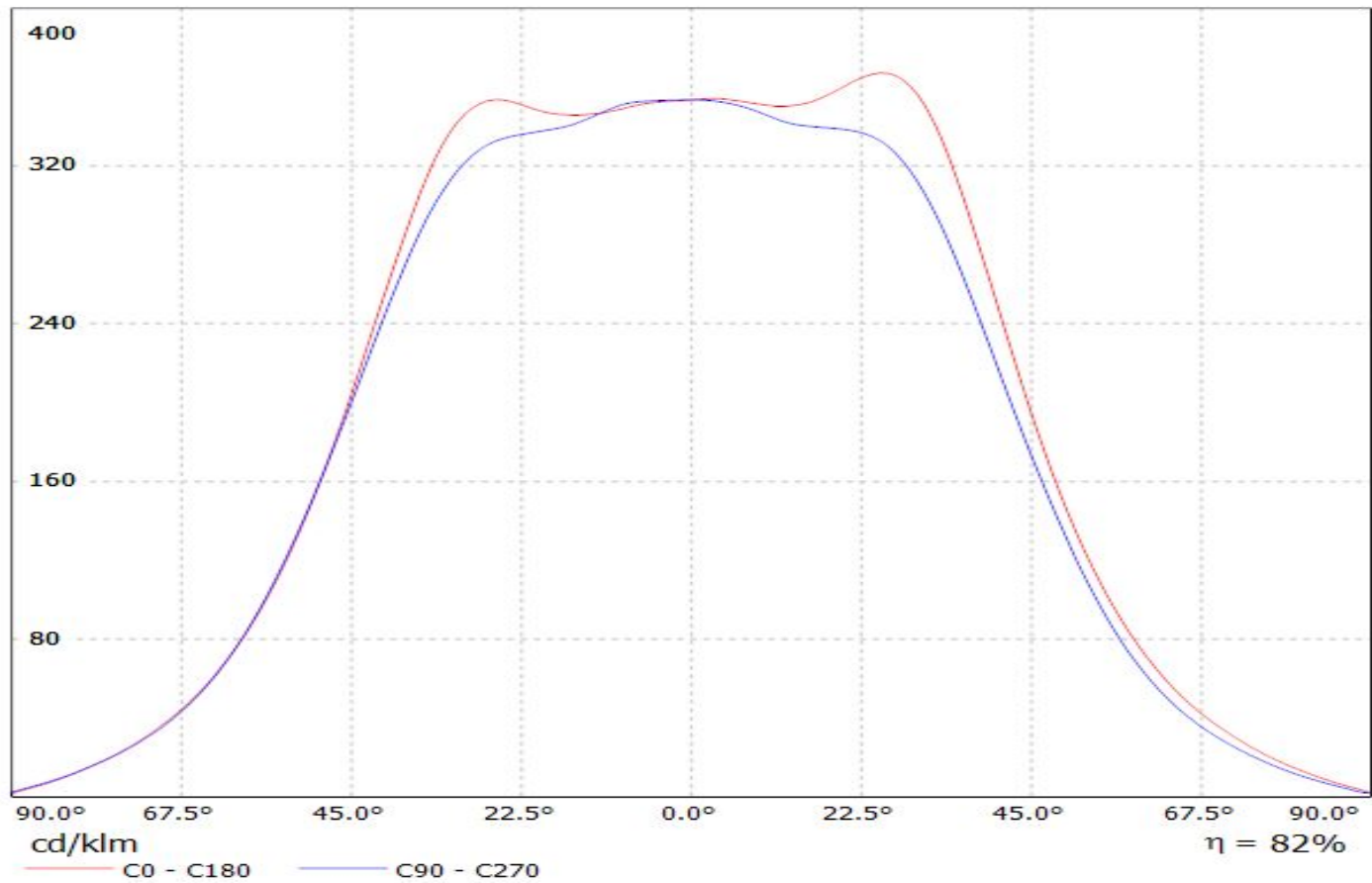


Luminaire: LEDiL Oy F13853_FLORENCE-Z90_(DURIS_P5)

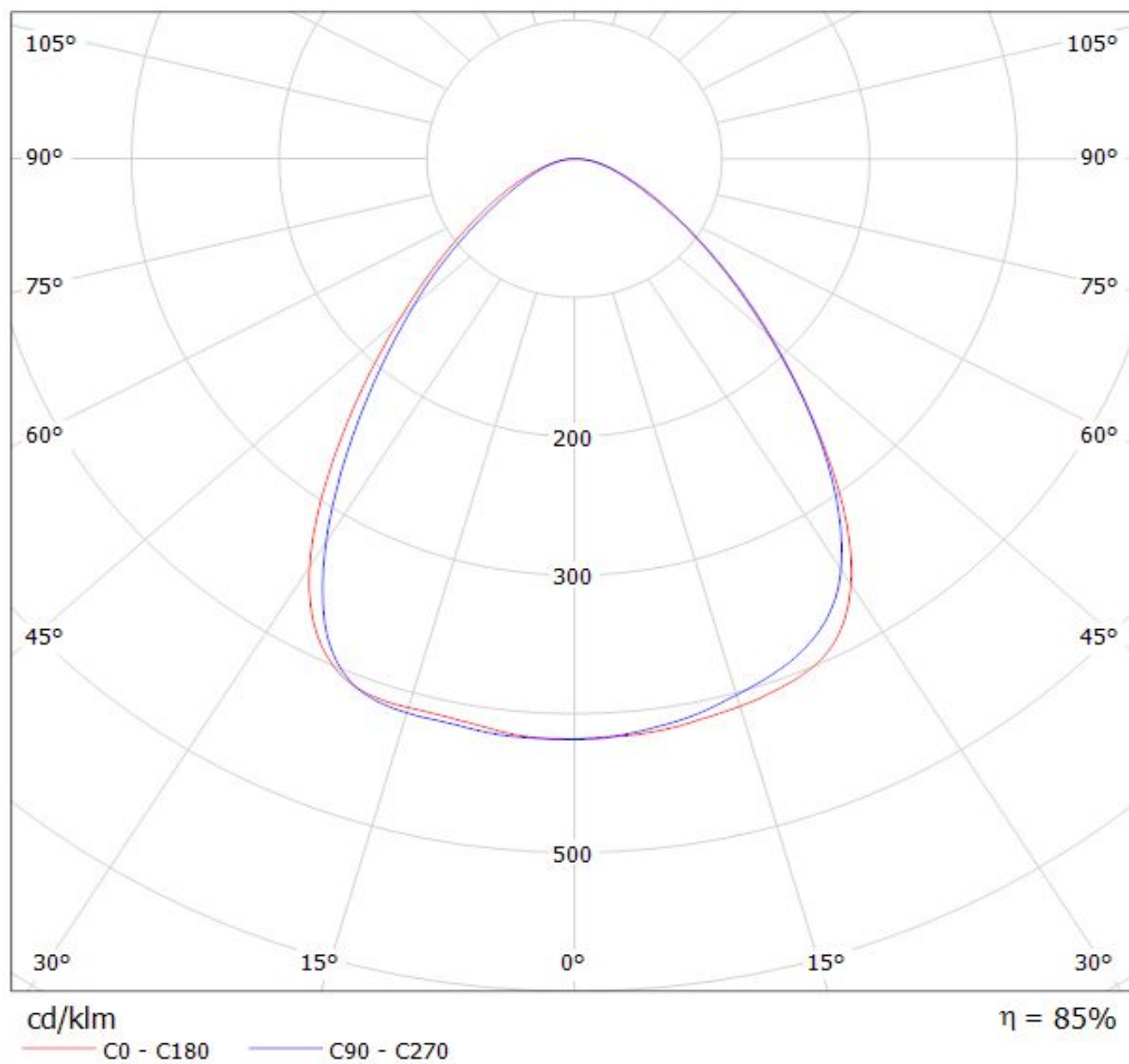
Lamps: 1 x OSRAM_DURIS_P5_747.995lm@250mA_P=7.78777W_I=249.8mA



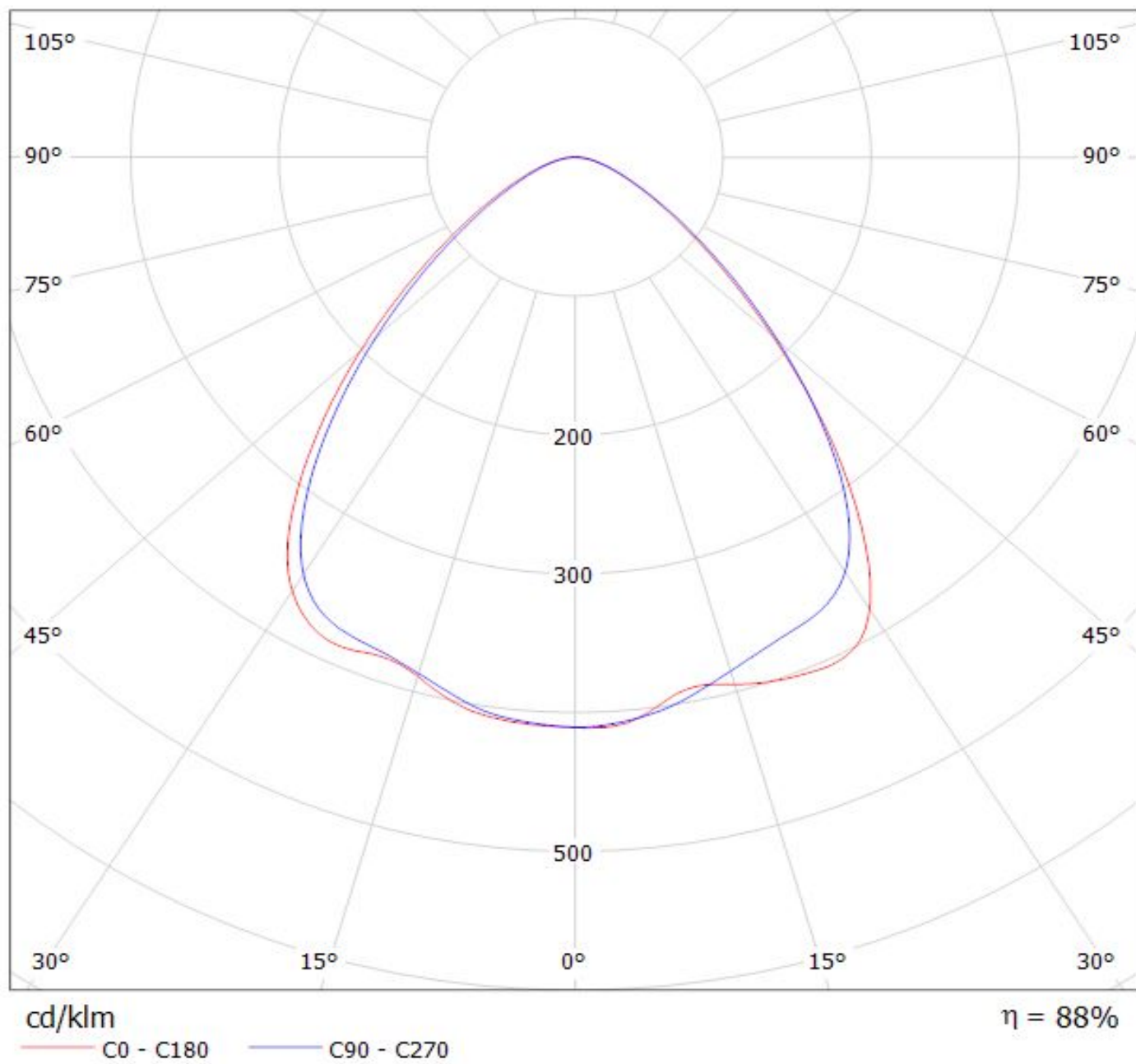
Luminaire: LEDiL Oy F13853_FLORENCE-Z90_(XH-B) EFF_81.8%
Lamps: 1 x CREE_XH-B_(XHGAWT-0-7B4-J30-0H-0001)
_1060.84lm@250mA_CCT=5000K_P=8W_I=249.8mA



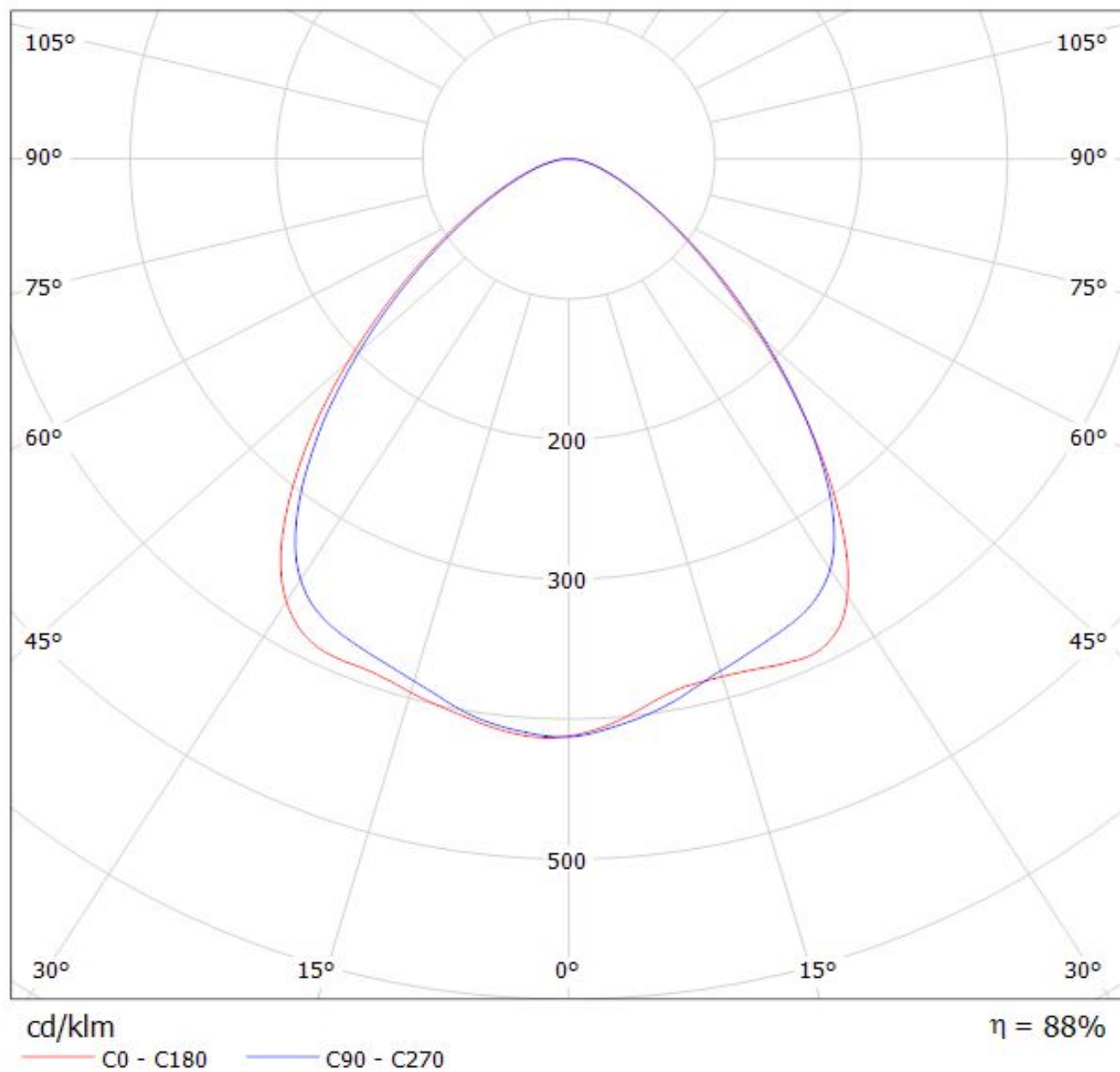
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Lamps: 1 x SAMSUNG_LM561B_679.266lm@150mA_P=4.6185W_I=150mA



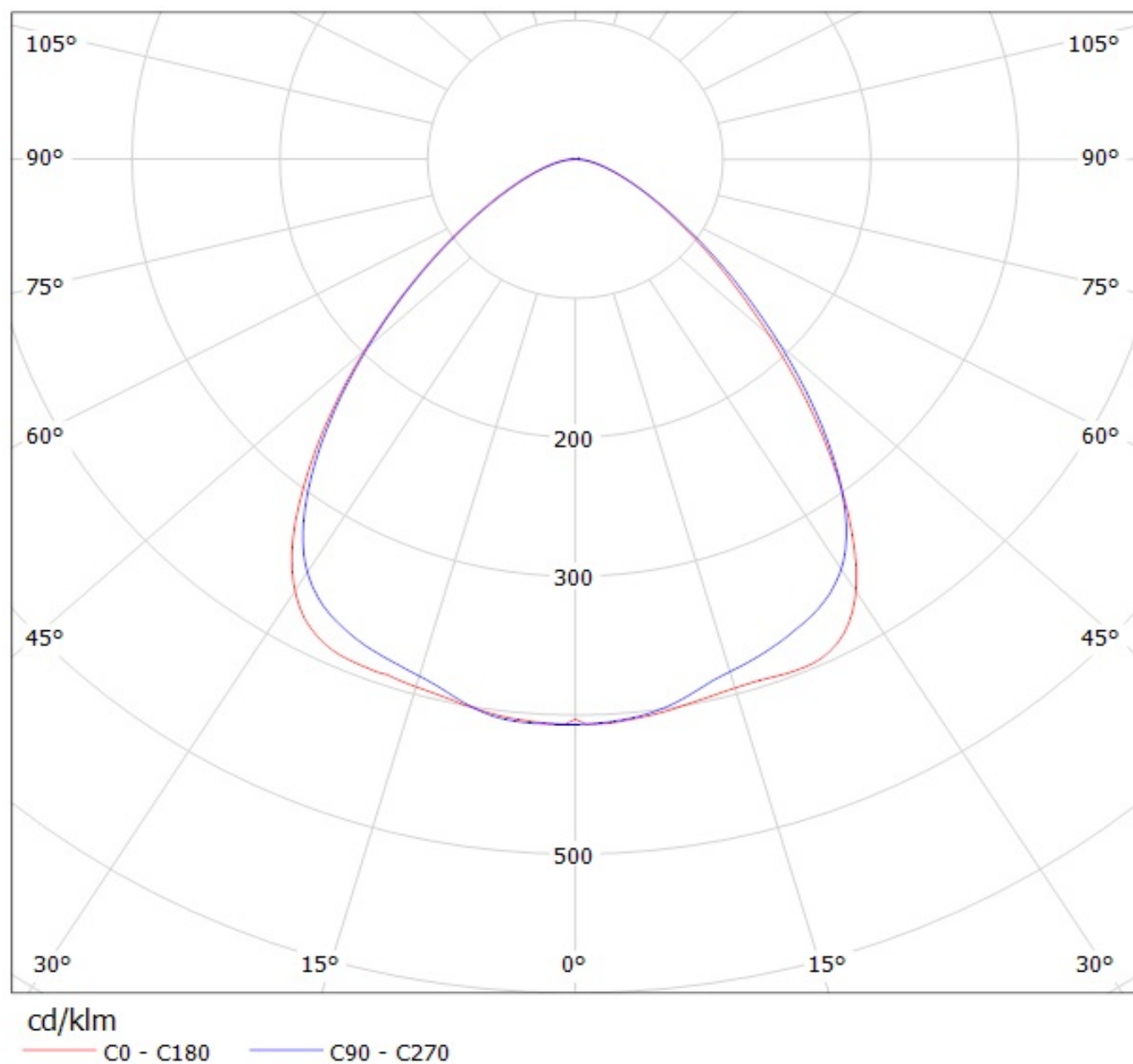
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Lamps: 1 x DURIS_S5_500.39lm@120mA_P=3.76814W_I=120.1mA



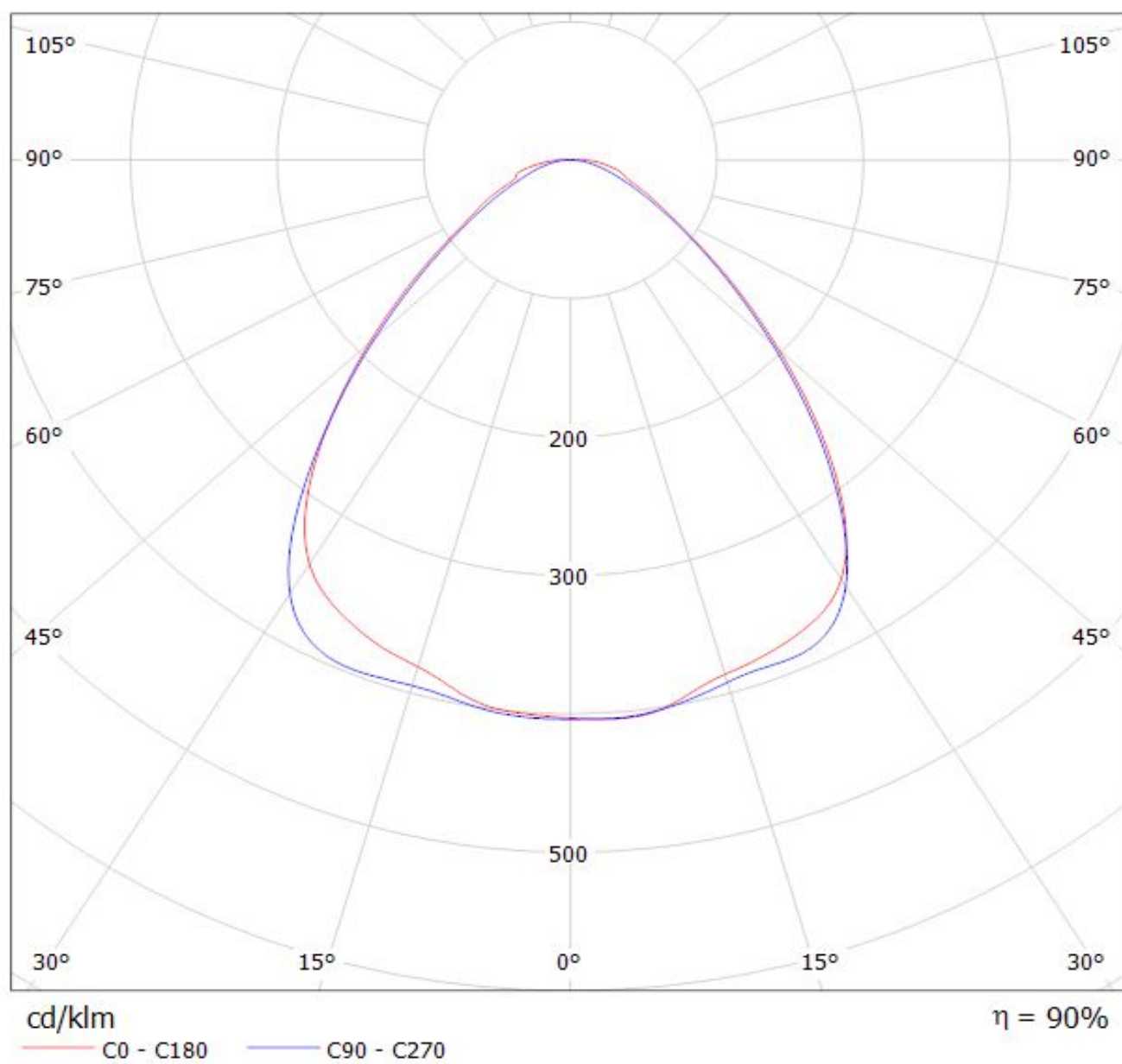
Luminaire: LEDiL Oy F13853_FLORENCE-Z90_(LM231B) Eff.87.6%
Lamps: 1 x SAMSUNG_LM231B_571.834lm@150mA_P=4.62435W_I=150mA



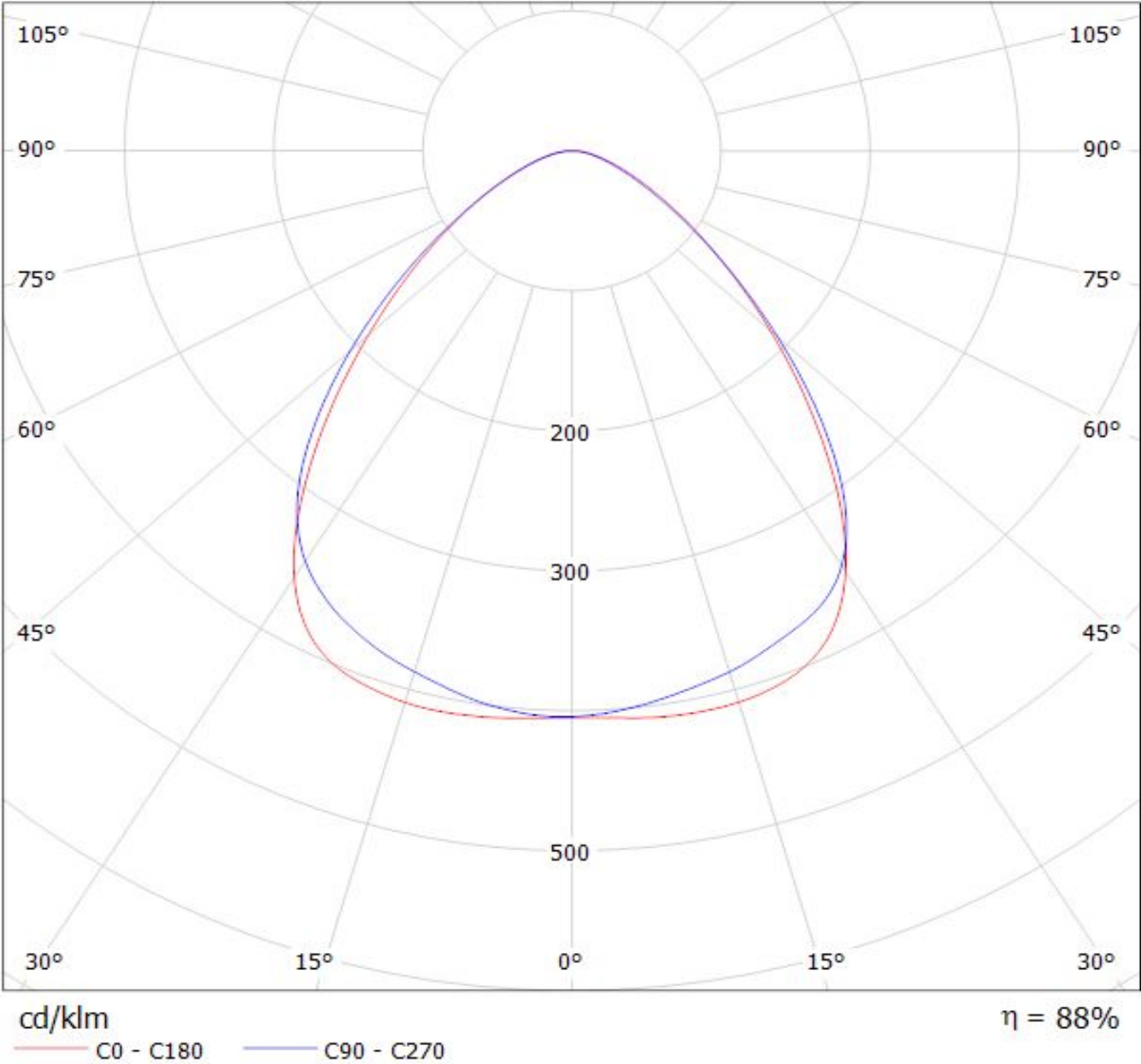
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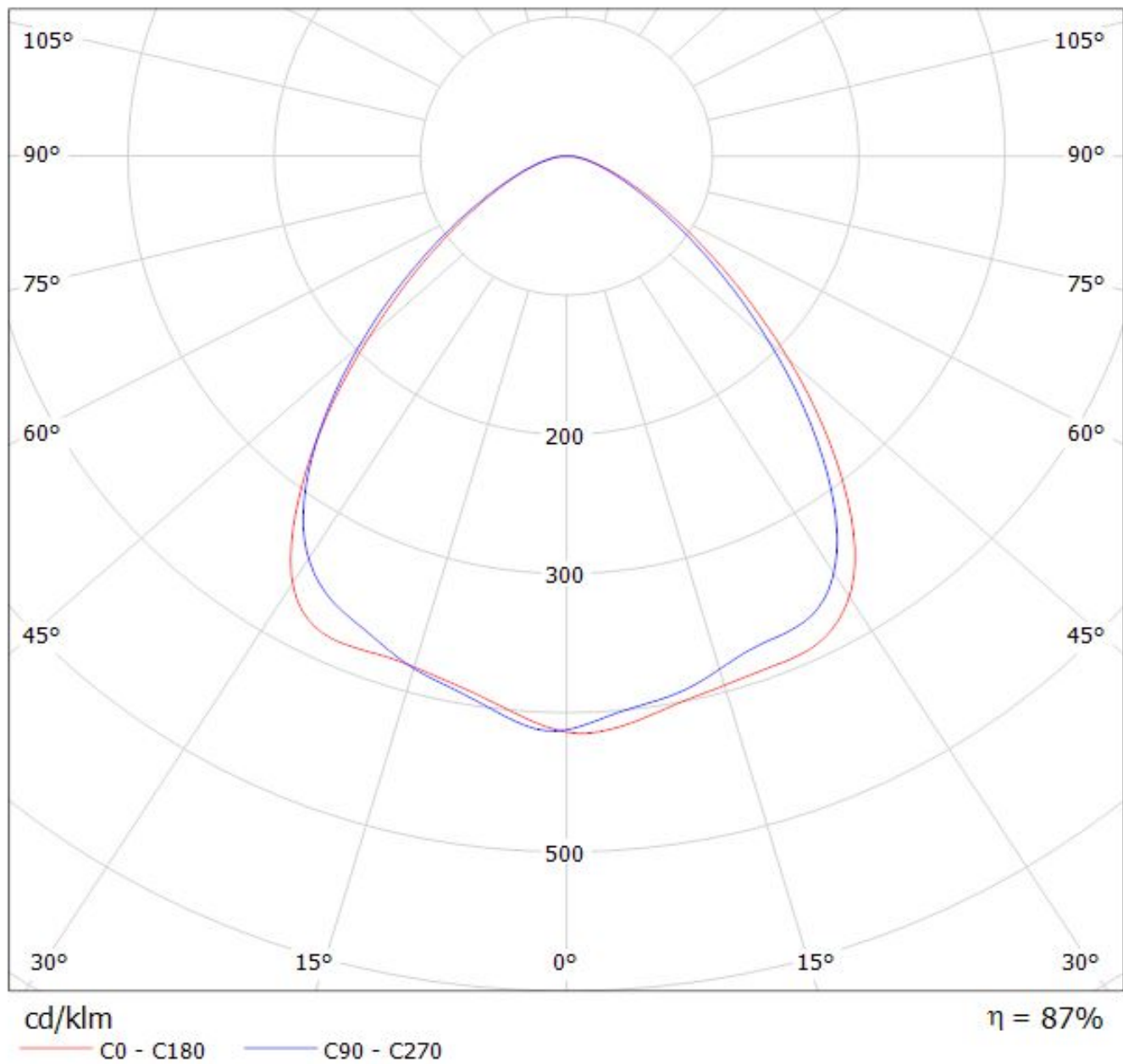
Luminaire: LEDiL Oy F13853_FLORENCE-Z90_(AVAGO 5630 0.5W)
Lamps: 1 x AVAGO ASMU-LWG0-NxxxE 1677.82lm@420mA 34.8V



Luminaire: LEDiL Oy F13853_FLORENCE-Z90_LG_6030) Eff.87.9%
Lamps: 1 x LG_6030_(LEWMS68T80HZ)_1031.47lm@240mA_CCT=5000K_P=7.54368W_I=240mA

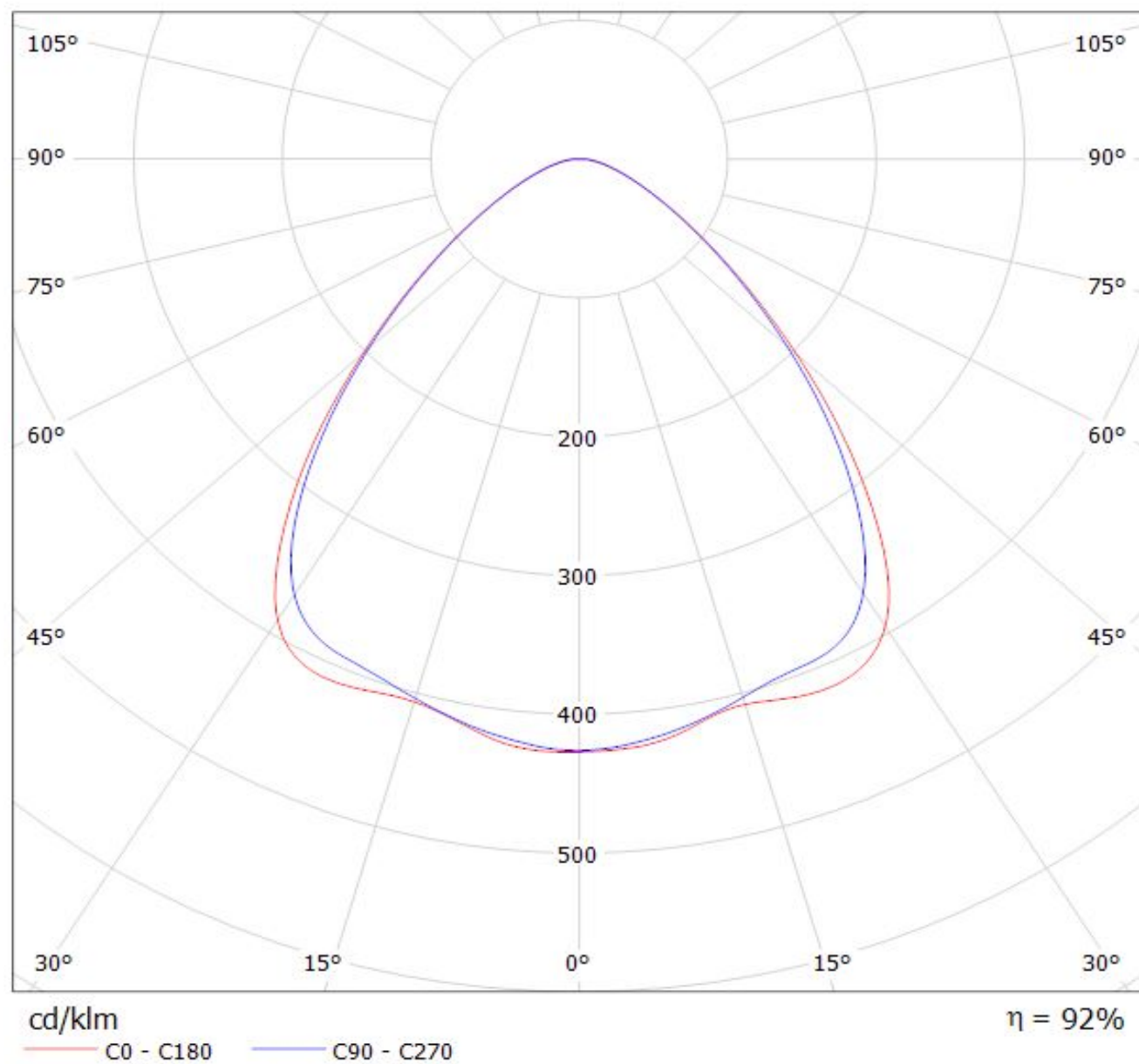


Luminaire: LEDiL Oy F13853_FLORENCE-Z90_(LUXEON_3535_2D) Eff.87.5%
Lamps: 1 x LUXEON_3535_2D_1513.88lm@200mA_P=12.7114W_I=199.9mA



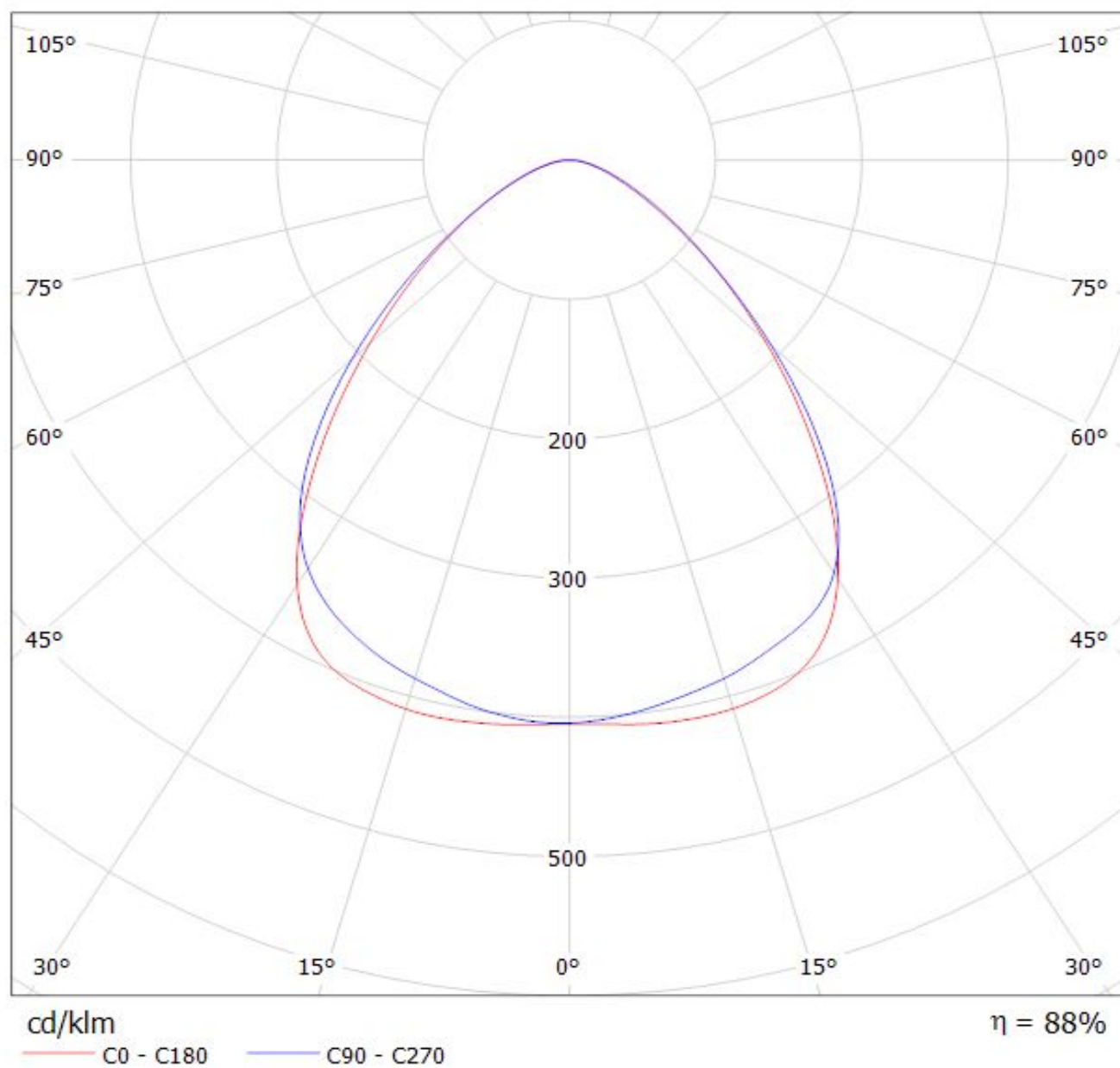
Luminaire: LEDiL Oy F13853_FLORENCE-Z90_(NICHIA757)

Lamps: 1 x NICHIA757 (NT2W757DRT) 1387lm@150mA



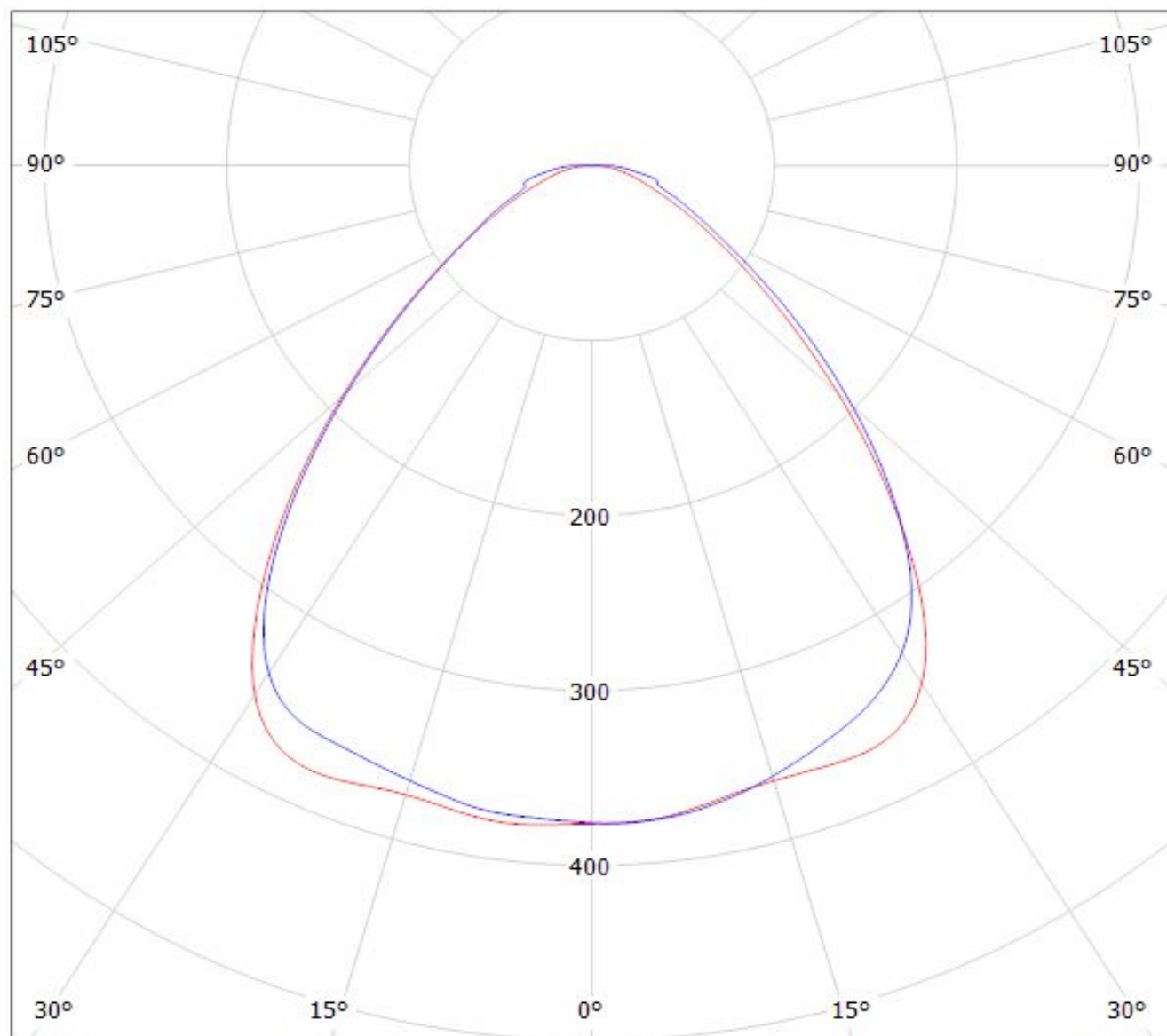
Luminaire: LEDiL Oy F13853_FLORENCE-Z90 Eff.87.9%

Lamps: 1 x Fortimo_LED_Line_1ft_1100lm_3R_HV2_1031.47lm@240mA_CCT=5000K_P=7.54368W_I=240mA



Luminaire: LEDiL Oy F13853_FLORENCE-Z90

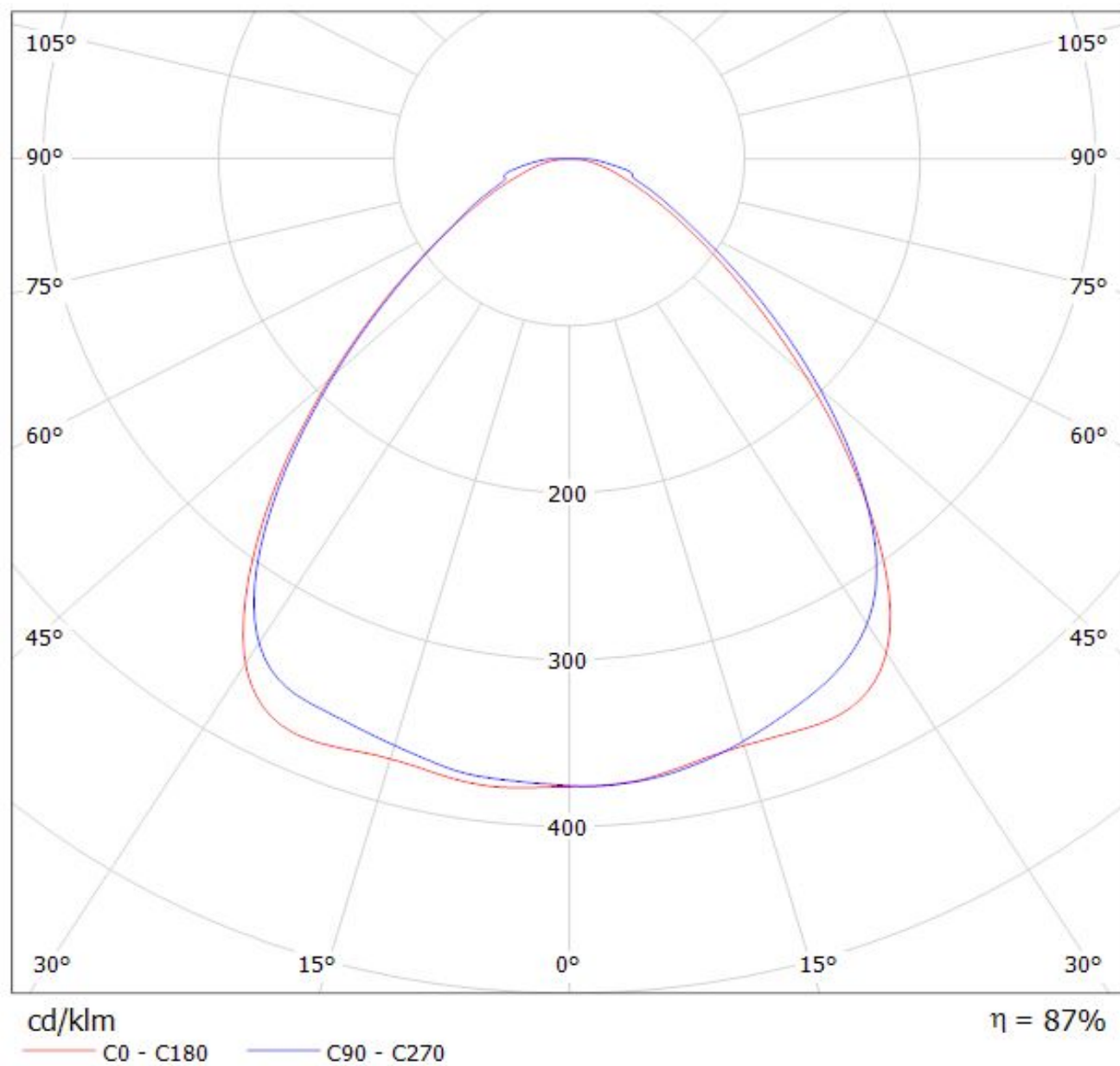
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— C0 - C180 — C90 - C270

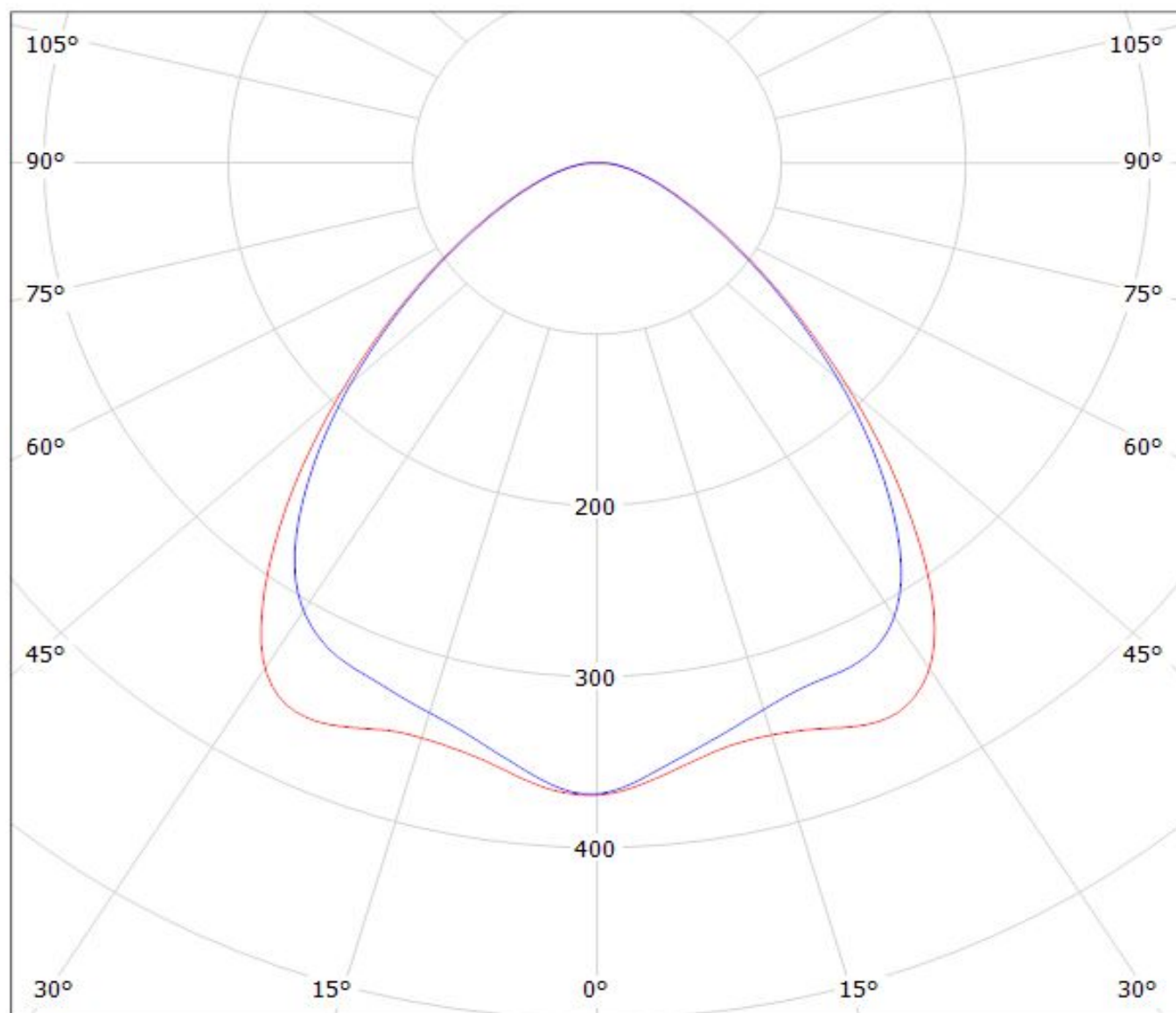
Luminaire: LEDiL Oy F13853_FLORENCE-Z90 (LG5630)

Lamps: 1 x FLORENCE_FORTIMO_(LG_5630)_1100lm@250mA P=8.41224W I=250.7mA



Luminaire: LEDiL Oy F13853_FLORENCE-Z90_(DURIS_P5)

Lamps: 1 x OSRAM_DURIS_P5_747.995lm@250mA_P=7.78777W_I=249.8mA



cd/klm

— C0 - C180

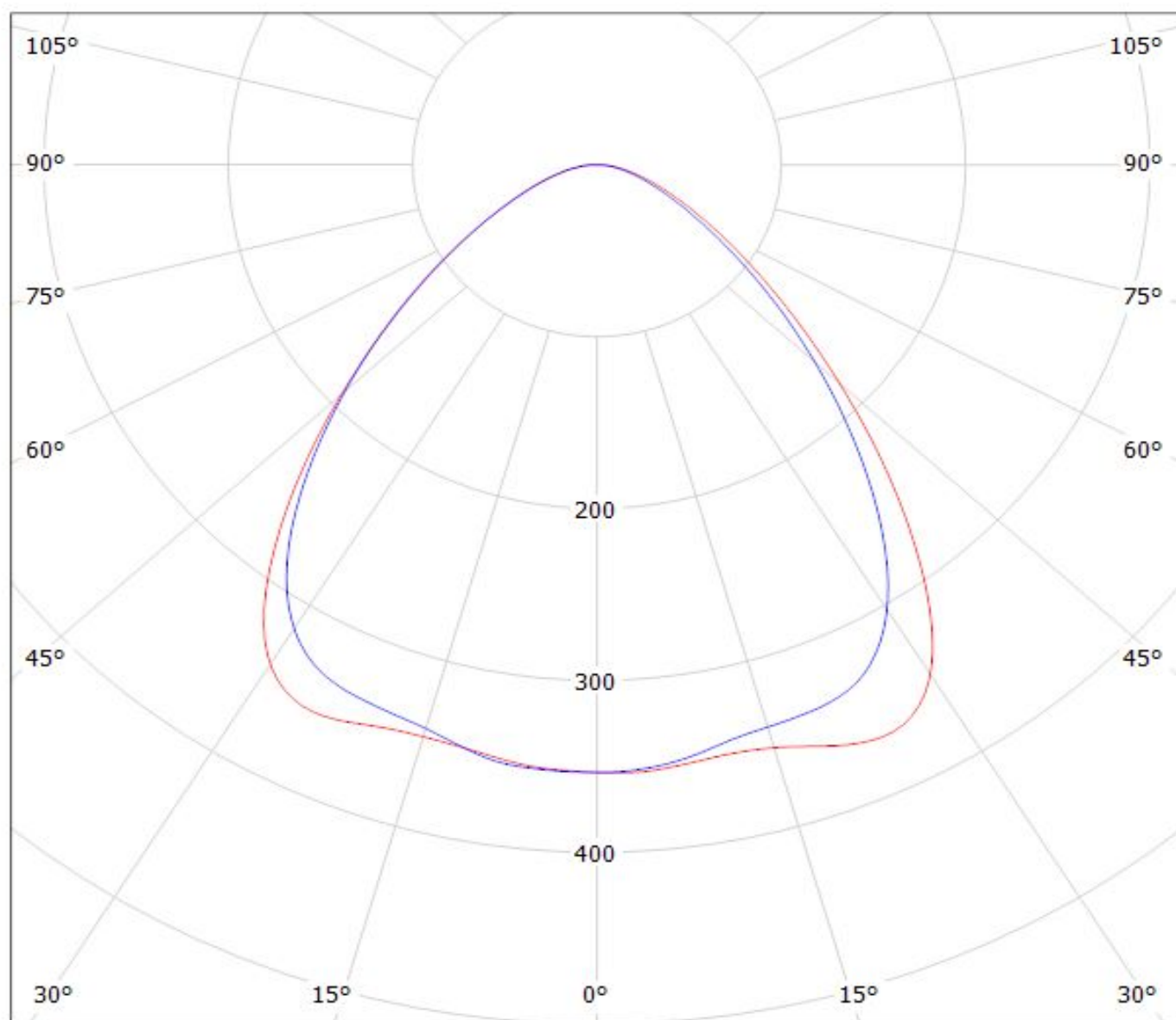
— C90 - C270

$\eta = 83\%$

Luminaire: LEDiL Oy F13853_FLORENCE-Z90_(XH-B) EFF_81.8%

Lamps: 1 x CREE_XH-B_(XHGAWT-0-7B4-J30-0H-0001)

_1060.84lm@250mA_CCT=5000K_P=8W_I=249.8mA



cd/klm

$\eta = 82\%$

— 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.