

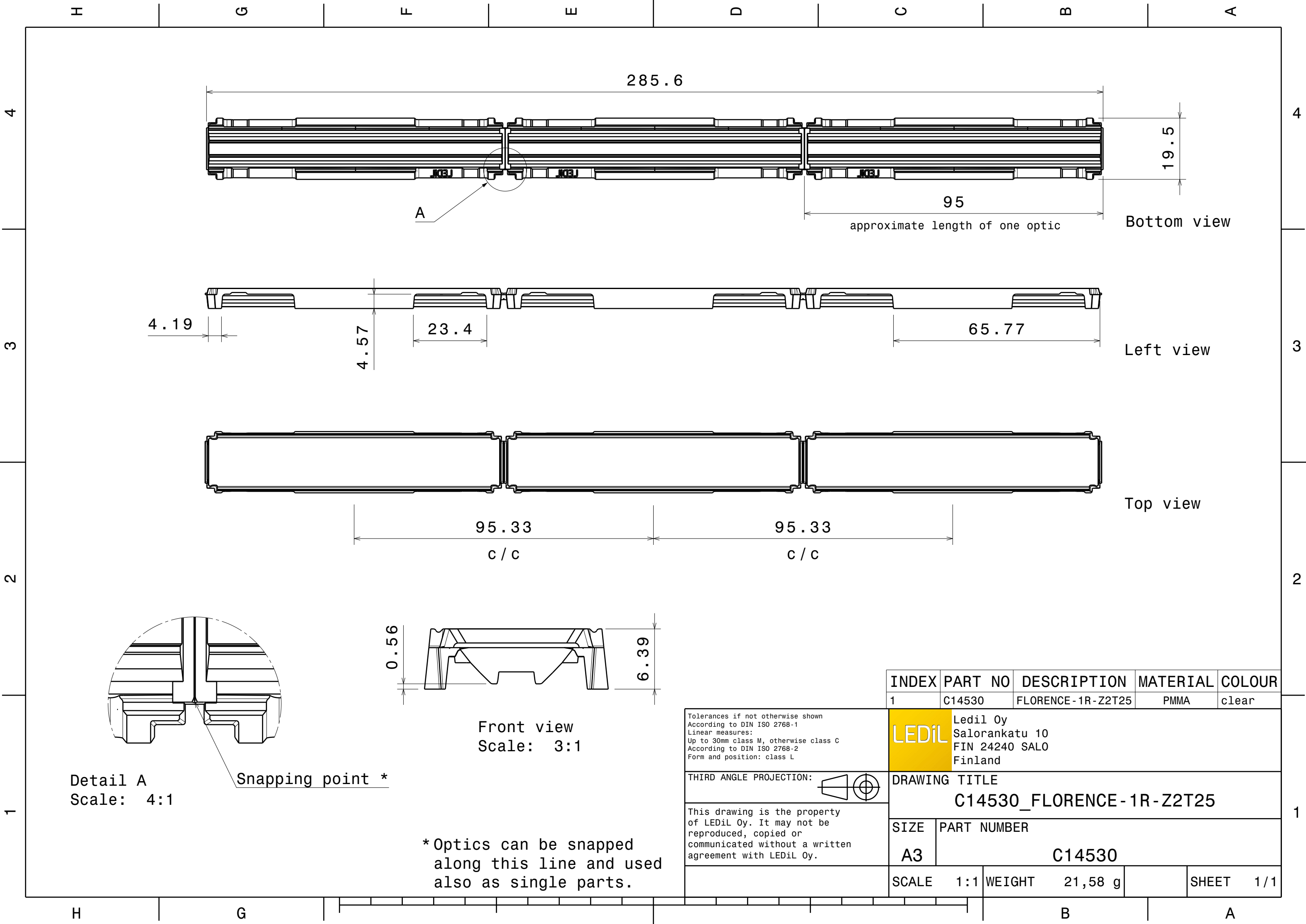
DETAILS

Product Number	C14530_FLORENCE-1R-Z2T25
Family	Florence
Type	Lens
Color	clear
Diameter	19,5 x 286 mm
Height	6,4 mm
Style	rectang
Optic Material	PMMA
Holder Material	
Fastening	
Status	production ready
ROHS Compliant	Yes
Date Updated	20/05/2015



OPTICAL PROPERTIES

LED	Viewing Angle	Light Beam	Efficiency	cd/lm	Connector
L0-280024-xxx-C0800-L267	asymmetric deg	Asymmetric	87 %	0.420	-
XH-B/G	Asymmetric deg	Asymmetric	87 %	0.410	-
LG 5630	sim: Asymmetric	Asymmetric	sim: 86 %	-	-
LUXEON 3535L	asymmetric deg	Asymmetric	90 %	0.470	-
LUXEON 3030 2D	Asymmetric deg	Asymmetric	87 %	0.460	-
LUXEON 3014	Asymmetric deg	Asymmetric	91 %	0.610	-
LUXEON 3020	Asymmetric deg	Asymmetric	91 %	0.610	-
MP-2016	Asymmetric deg	Asymmetric	88 %	0.590	-
NF2x757D	Asymmetric deg	Asymmetric	87 %	0.430	-
NF2x757G	asymmetric deg	Asymmetric	87 %	0.440	-
Duris S5 (2 chip)	Asymmetric deg	Asymmetric	87 %	0.430	-
Duris E 2835	sim: Asymmetric	Asymmetric	sim: 91 %	sim: 0.540	-
Fortimo LED Line 1ft 1100lm xx0 1R xV2/Asy	asymmetric deg	Asymmetric	92 %	0.490	-
LM302A	asymmetric deg	Asymmetric	88 %	0.480	-
LT-S282N	Asymmetric deg	Asymmetric	90 %	0.470	-
LM301A	Asymmetric deg	Asymmetric	88 %	0.520	-
LM561C	asymmetric deg	Asymmetric	90 %	0.520	-
LM28xB Series	Asymmetric deg	Asymmetric	90 %	0.480	-
SEOUL 3030	asymmetric deg	Asymmetric	88 %	0.460	-
CALGD0414-M8W1	asymmetric deg	Asymmetric	88 %	0.460	-
CALGD0814-M17W1	asymmetric deg	Asymmetric	88 %	0.460	-



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

THIRD ANGLE PROJECTION:

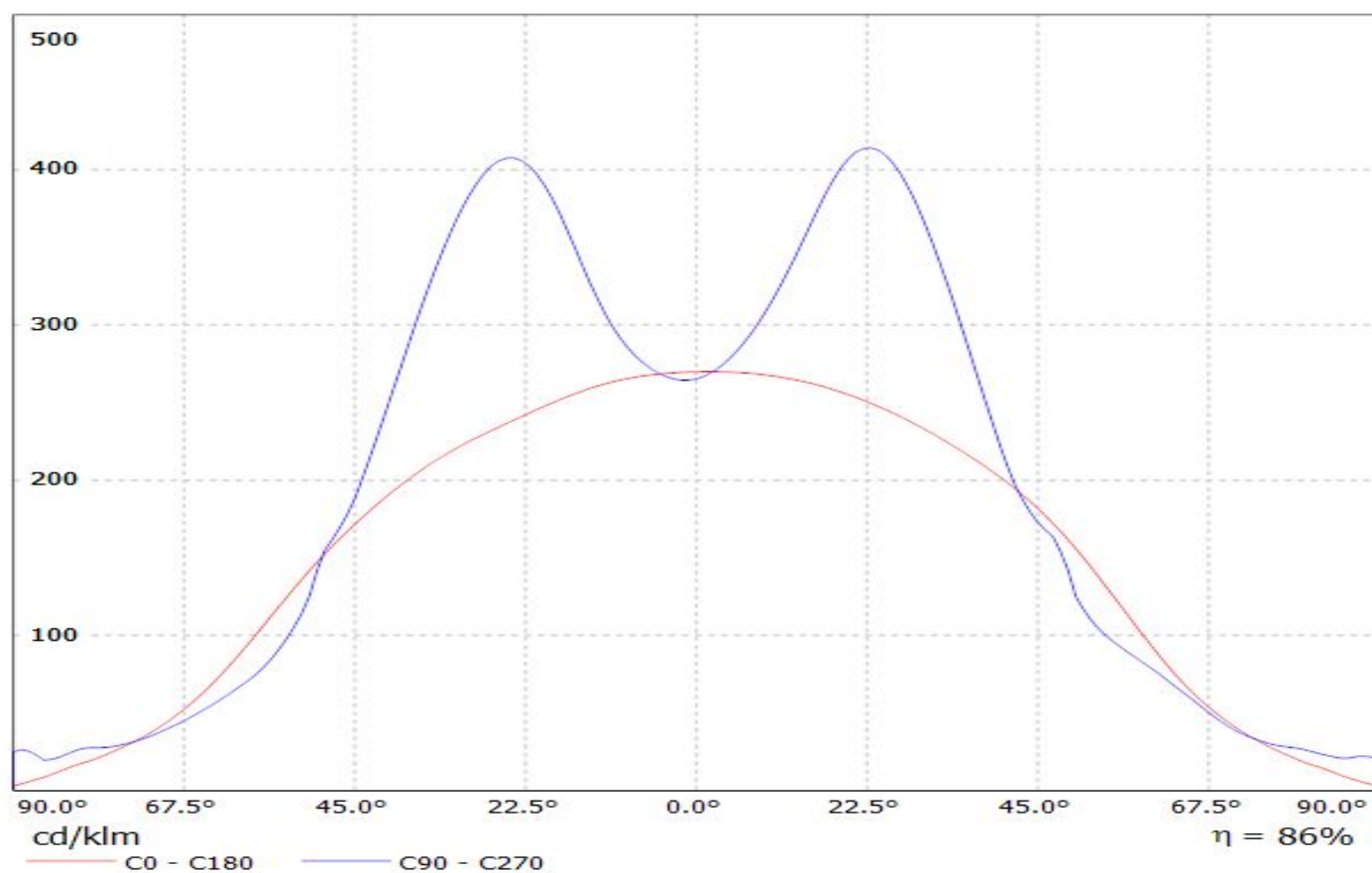
This drawing is the property
of LEDiL Oy. It may not be
reproduced, copied or
communicated without a written
agreement with LEDiL Oy.

INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	C14530	FLORENCE -1R -Z2T25	PMMA	clear
LEDiL	Ledil Oy			
	Salorankatu 10			
	FIN 24240 SALO			
	Finland			
DRAWING TITLE				
C14530_FLORENCE - 1R - Z2T25				
SIZE	PART NUMBER			
A3	C14530			
SCALE	1 : 1	WEIGHT	21,58 g	SHEET 1 / 1

*Optics can be snapped
along this line and used
also as single parts.

Luminaire: Ledil C14530_FLORENCE-1R-Z2T25_(CeZos)

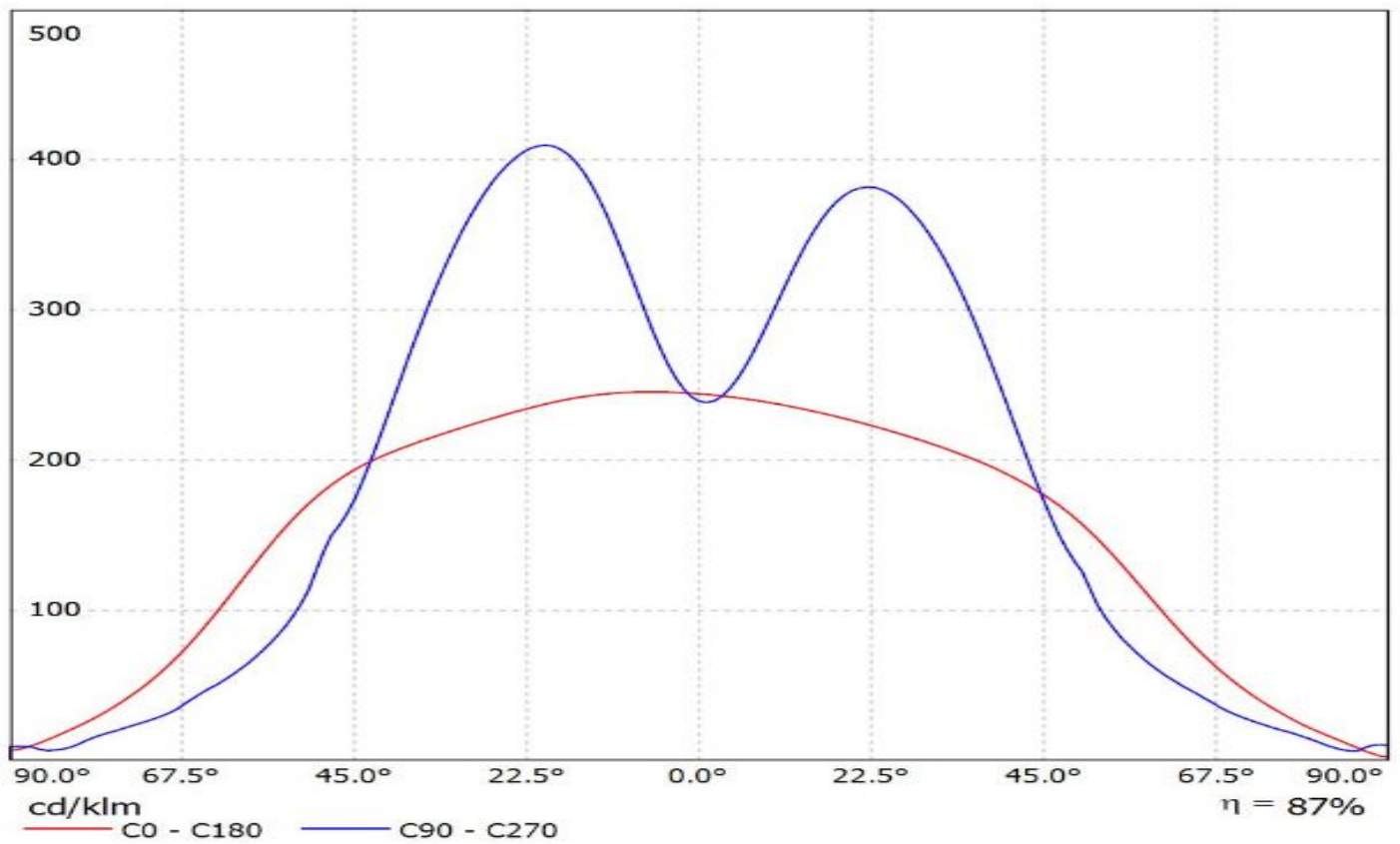
Lamps: 1 x CeZos_(L0-280024-xxx-C0800-L267)_1346.29lm@250mA_CCT=3000K_P=8.5017W_I=0.25A



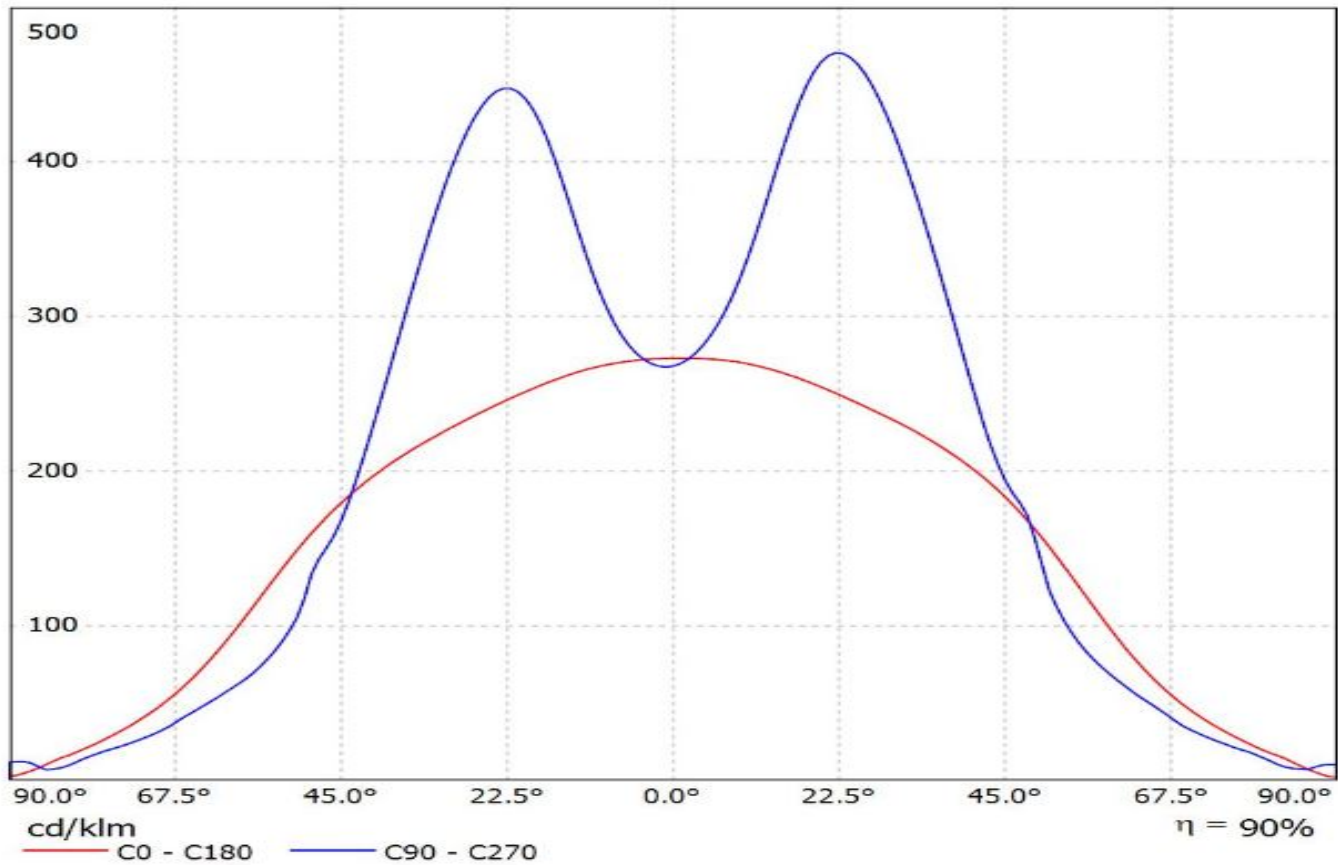
Ledil C14530_FLORENCE-1R-Z2T25_(XH-B) / LDC (Linear)

Luminaire: Ledil C14530_FLORENCE-1R-Z2T25_(XH-B)

Lamps: 1 x Cree_XH-B_x22_(XHBAWT-0-7B4-J20-0H-0001)_288.58lm@65mA_P=2.1W_I=0.065A



Luminaire: Ledil C14530_FLORENCE-1R-Z2T25_(3535L_x22)
Lamps: 1 x Luxeon_3535L_x22_(MXA8-PW50)_507.681lm@100mA_P=2.9953W_I=0.100mA

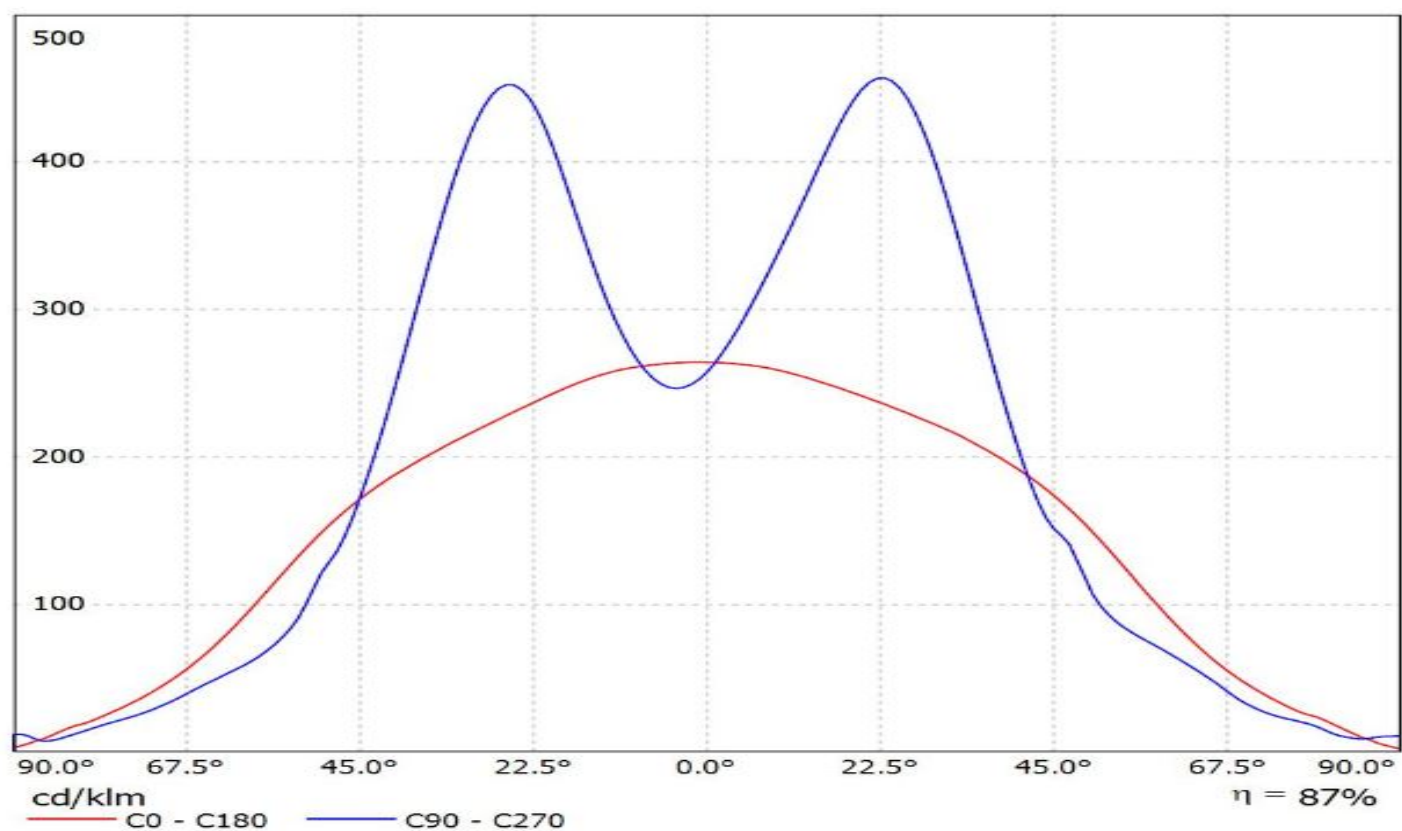


Ledil C14530_FLORENCE-1R-Z2T25_(Luxeon_3030_2D) / LDC (Linear)

Luminaire: Ledil C14530_FLORENCE-1R-Z2T25_(Luxeon_3030_2D)

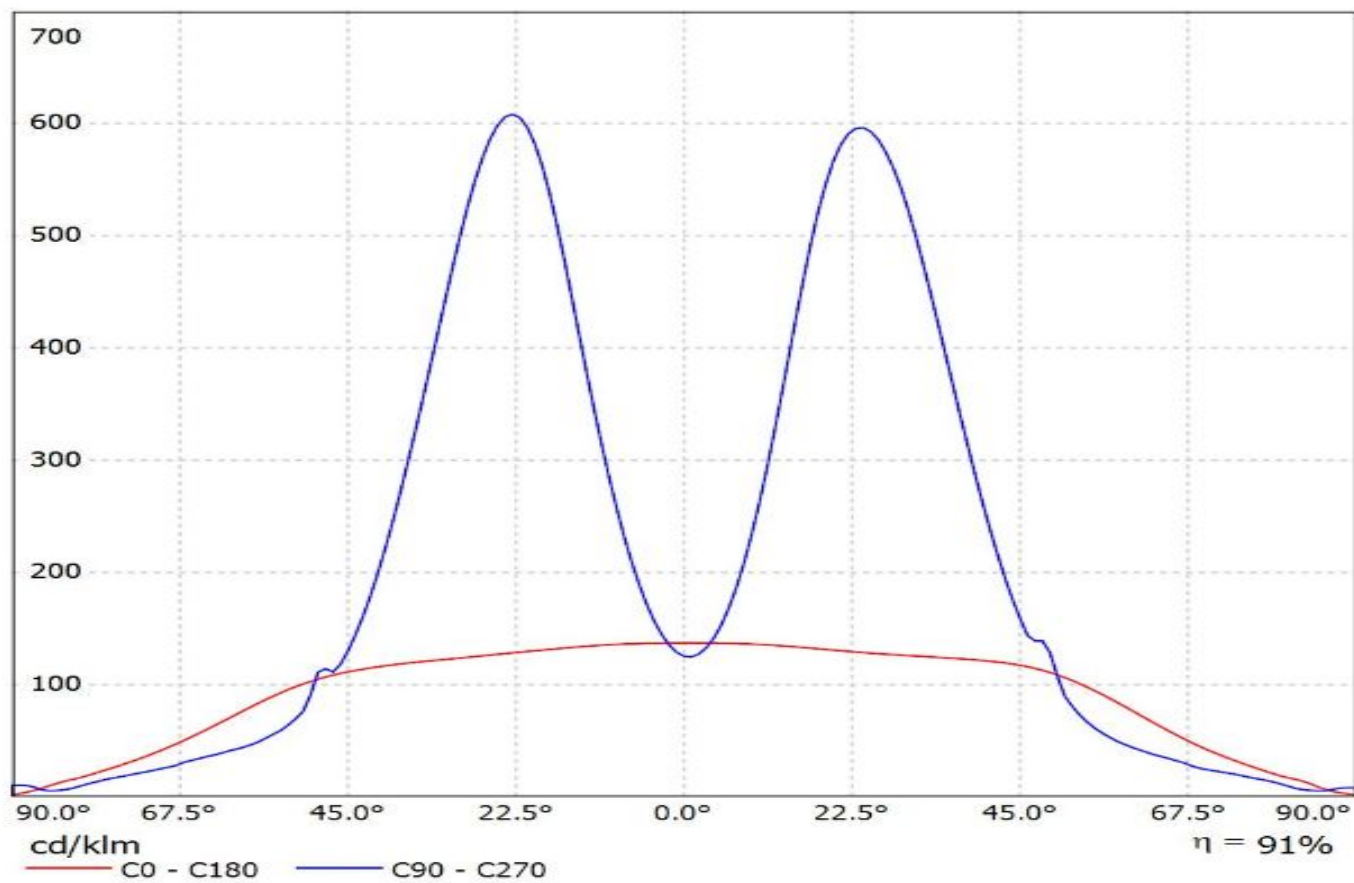
Lamps: 1 x Luxeon_3030_2D_x22_(L130-4080003000W21)

_1601.44lm@200mA_CCT=4000K_P=12.8W_I=0.2A

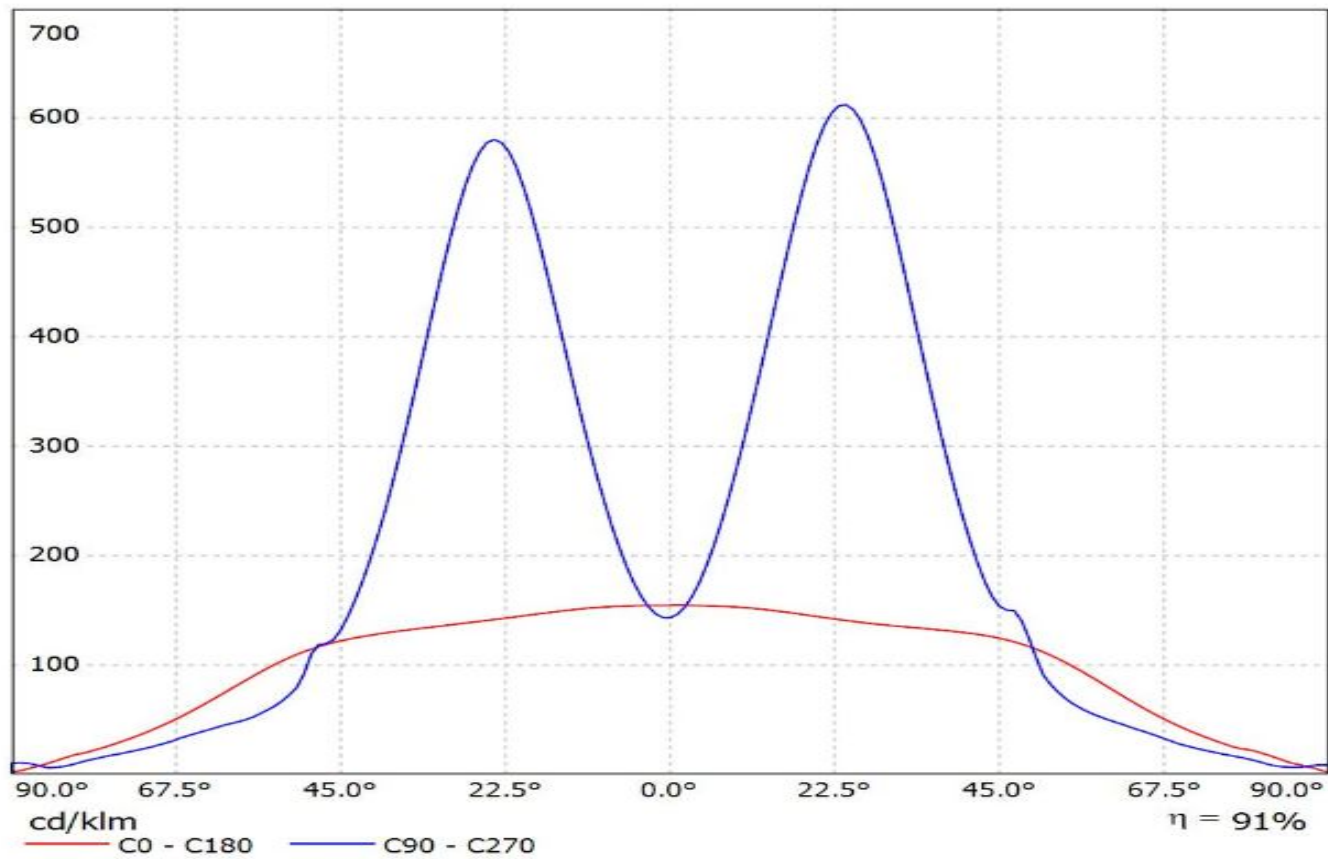


Luminaire: Ledil C14530_FLORENCE-1R-Z2T25_(3014_x22)

Lamps: 1 x Luxeon_3014_x22_(L130-5080)_283.511lm@60mA_P=1.9087W_I=0.060mA



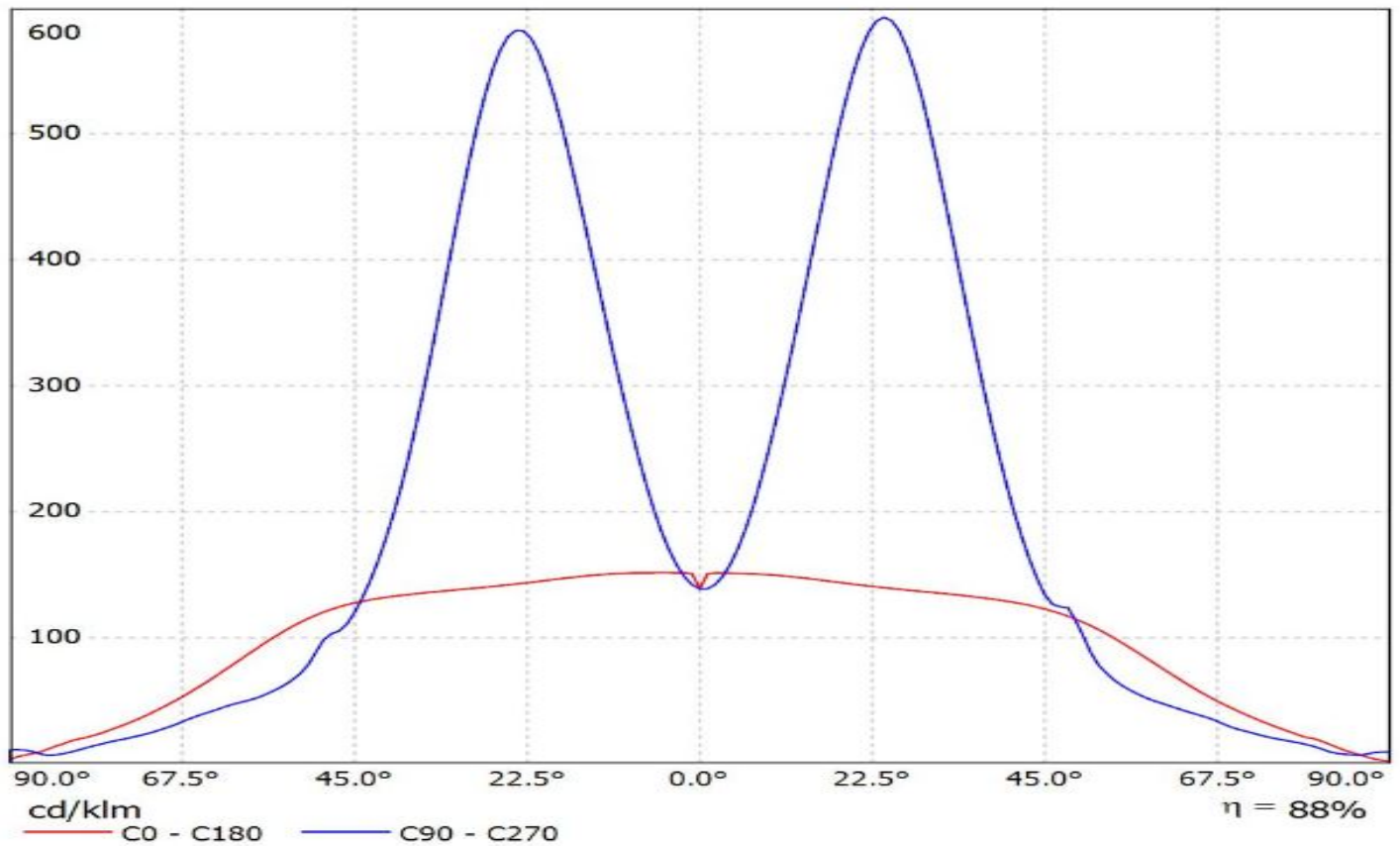
Luminaire: Ledil C14530_FLORENCE-1R-Z2T25_(3020)
Lamps: 1 x Luxeon_3020_x22_(L130-2780)_488.066lm@120mA_P=3.7731W_I=0.120mA



Ledil C14530_FLORENCE-1R-Z2T25_(Luminus_MP-2016) / LDC (Linear)

Luminaire: Ledil C14530_FLORENCE-1R-Z2T25_(Luminus_MP-2016)

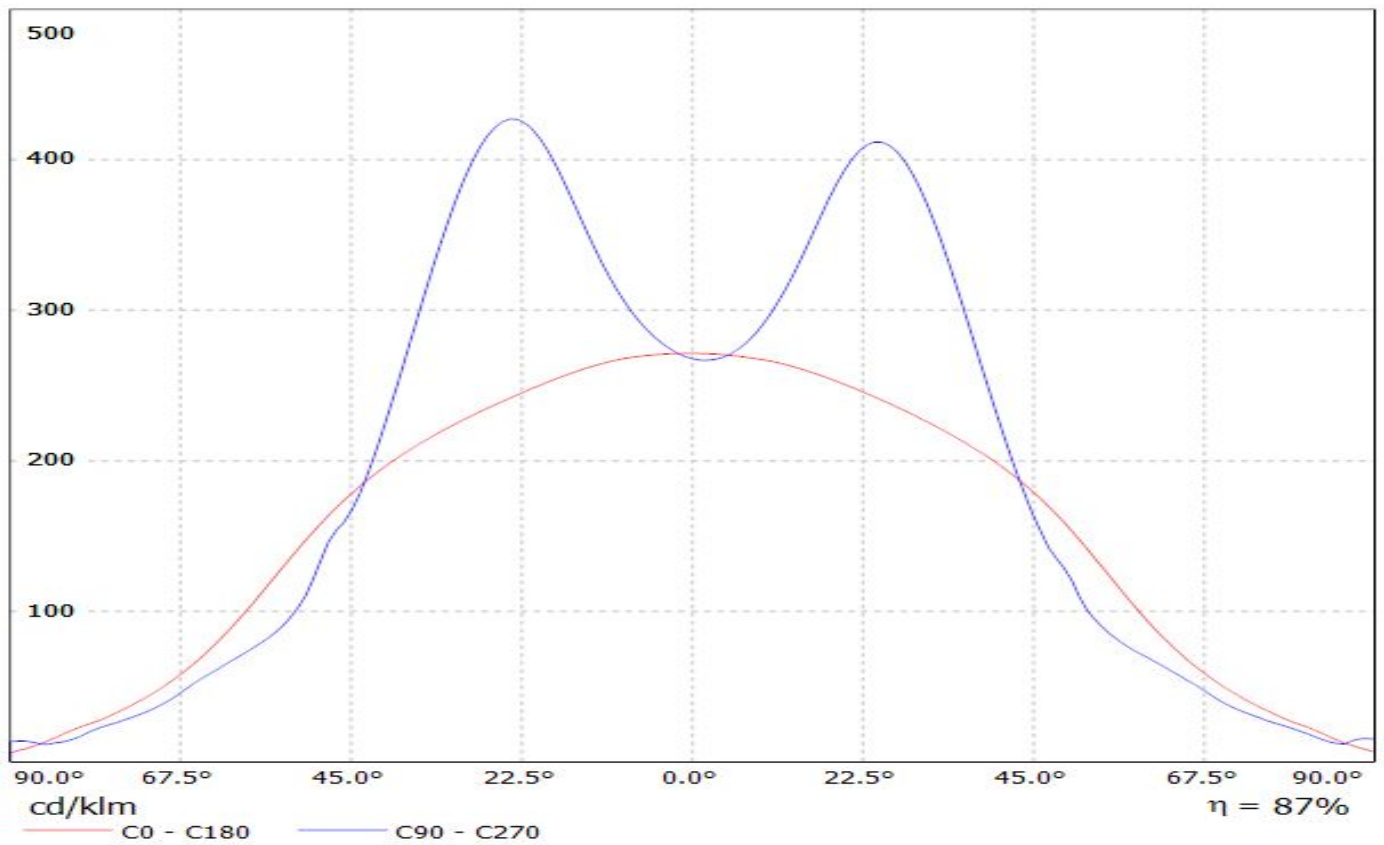
Lamps: 1 x Luminus_MP-2016_1x22_(LUMMP-1100-30-80)_471.904lm@120mA_P=4W_I=0.12A



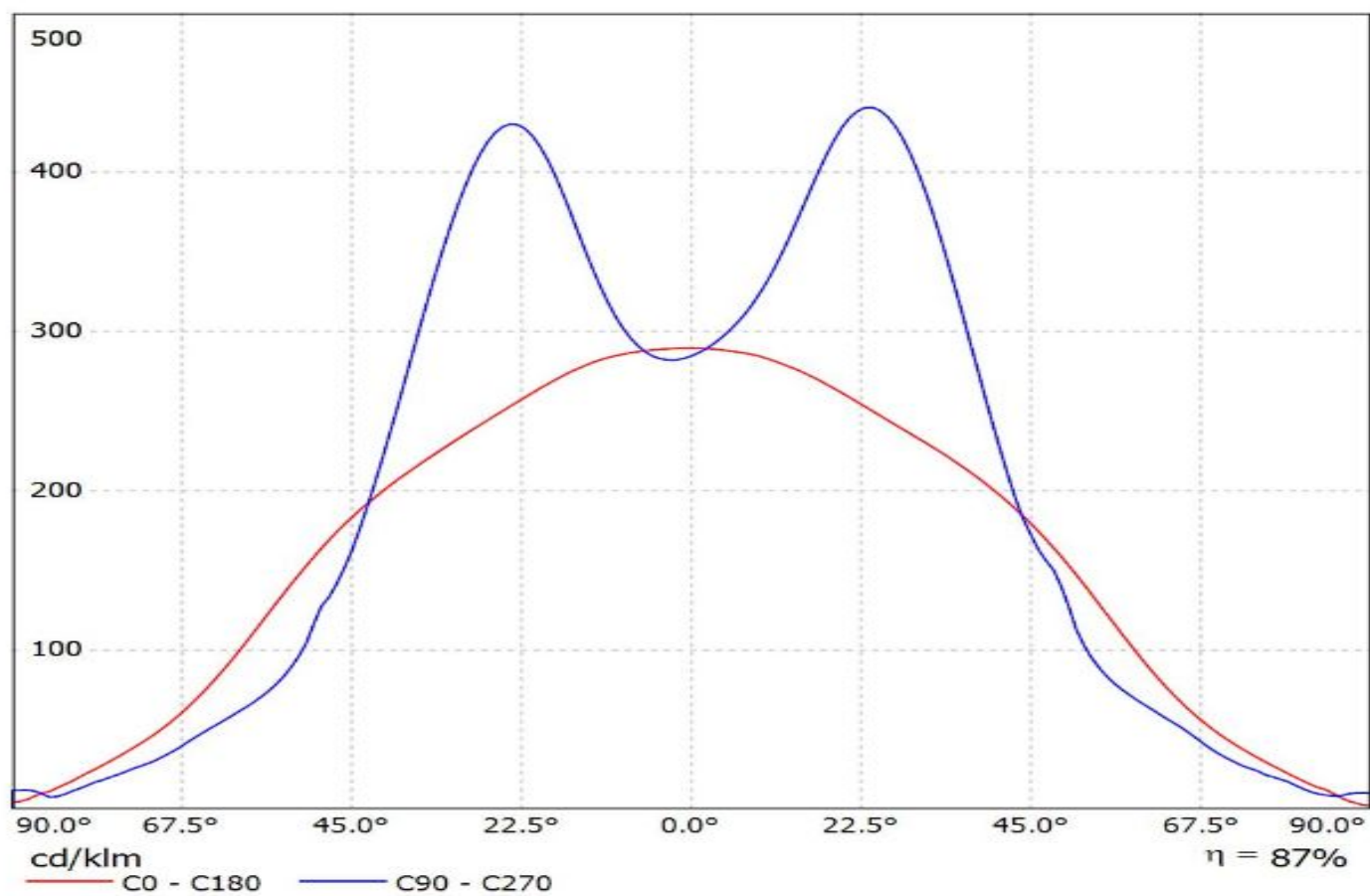
Ledil C14530_FLORENCE-1R-Z2T25_(NF2x757D) / LDC (Linear)

Luminaire: Ledil C14530_FLORENCE-1R-Z2T25_(NF2x757D)

Lamps: 1 x Nichia_NF2x757D_2chip_x22 (NF2W757DRT)_2050.61lm@200mA_P=12.95W_I=0.2A



Luminaire: Ledil C14530_FLORENCE-1R-Z2T25_(NF2W757G)
Lamps: 1 x NF2W757G_377.885lm@65mA_CCT=?K_P=1.97W_I=0.065A

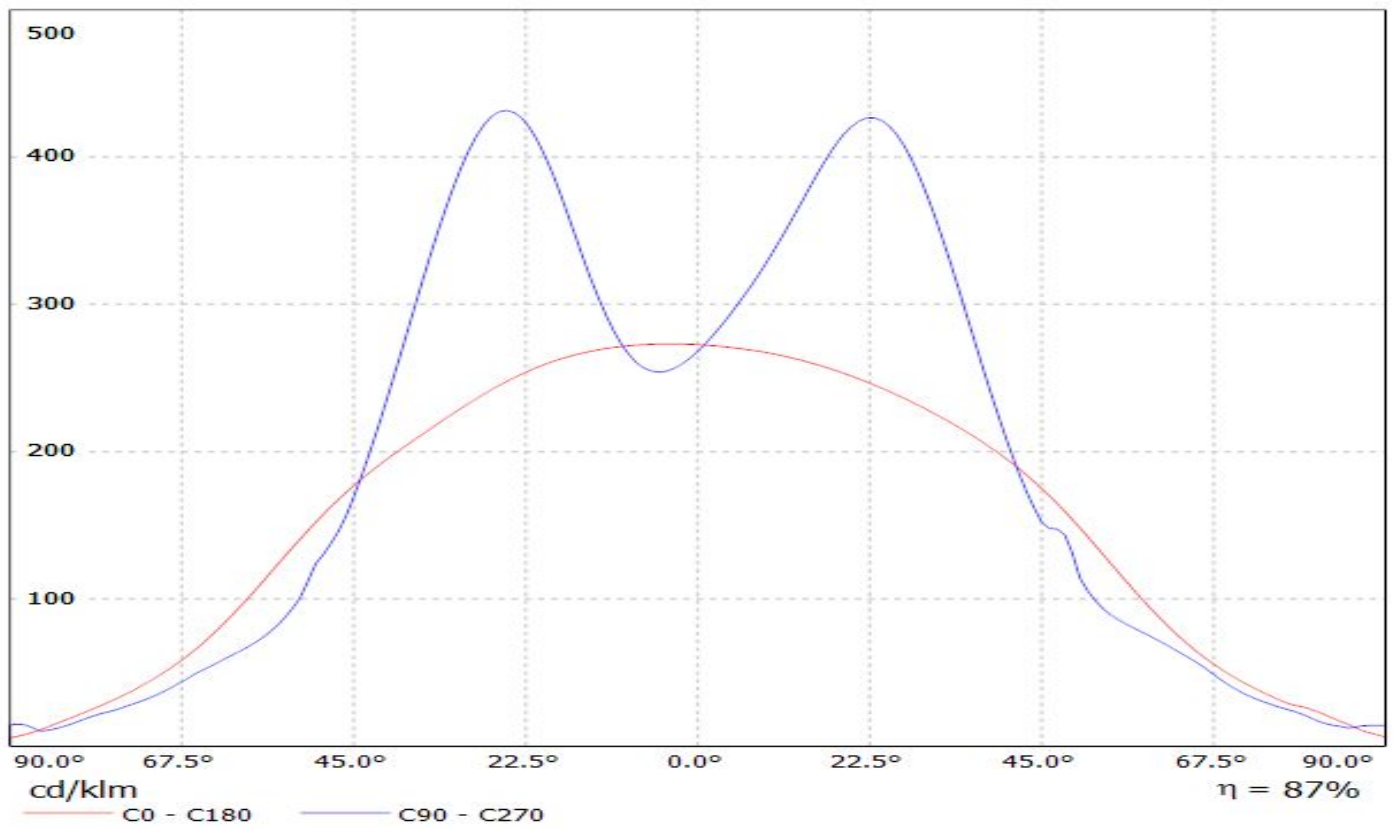


Ledil C14530_FLORENCE-1R-Z2T25_(Duris_S5) / LDC (Linear)

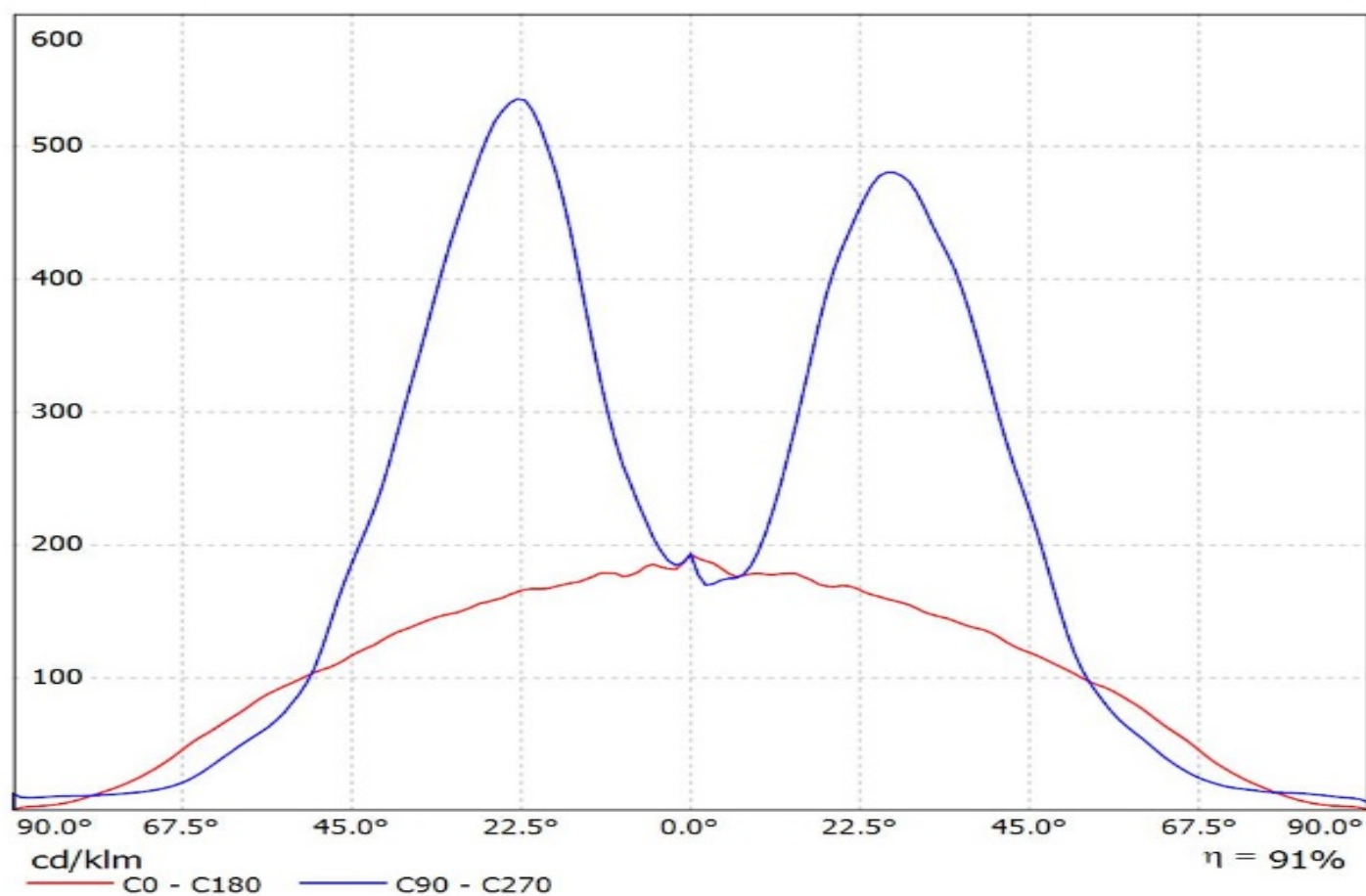
Luminaire: Ledil C14530_FLORENCE-1R-Z2T25_(Duris_S5)

Lamps: 1 x Osram_Duris_S5_x11_(GW_PSLRS1.EC-LQLS-5H7I-1)

_1016.86lm@100mA_P=8W_I=0.1000A

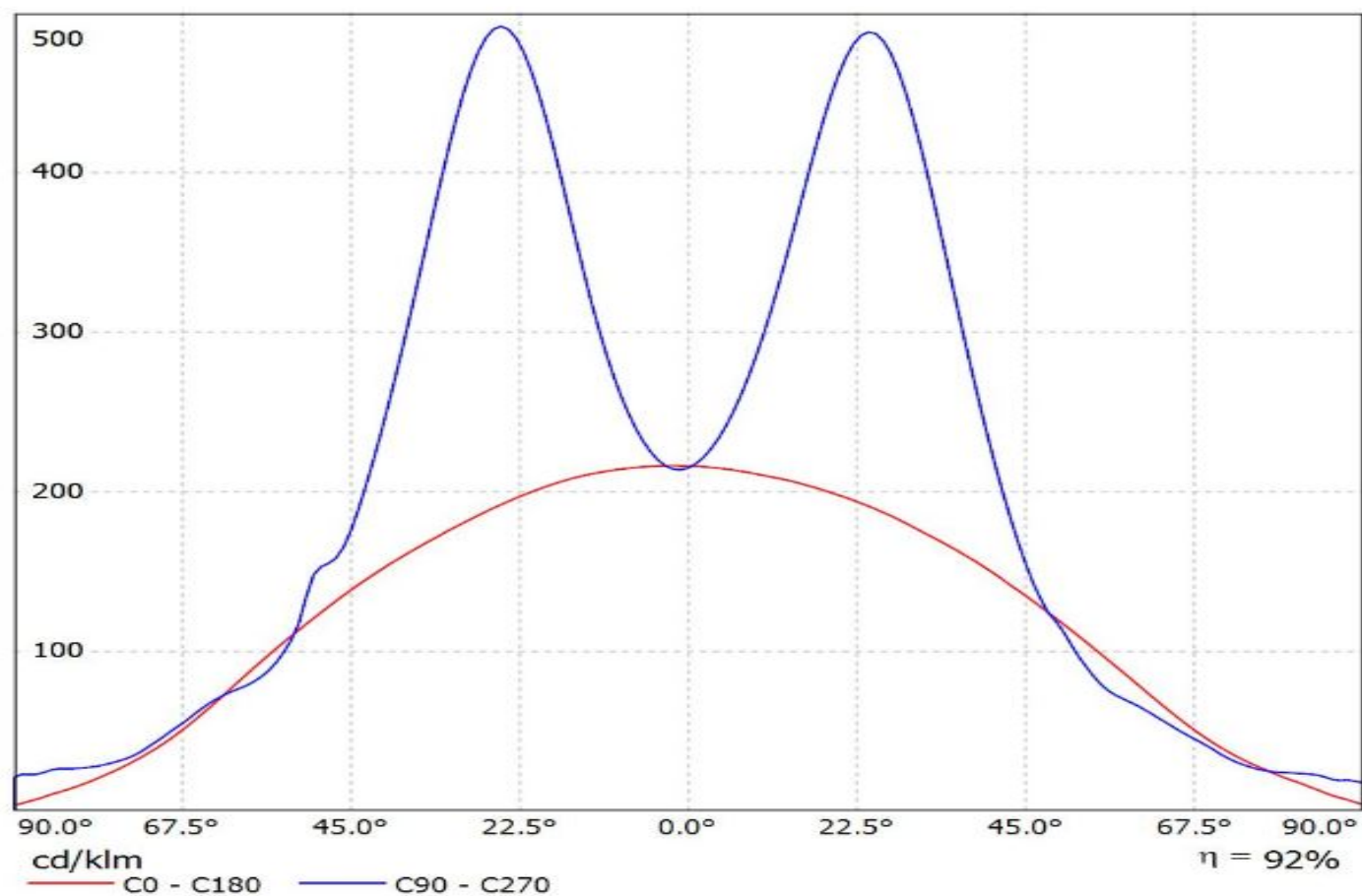


Luminaire: Ledil Oy C14530_FLORENCE-1R-Z2T25_(Duris_E_2835)_SIMULATED
Lamps: 1 x Osram Duris E 2835 - GW JTLRS1.EM

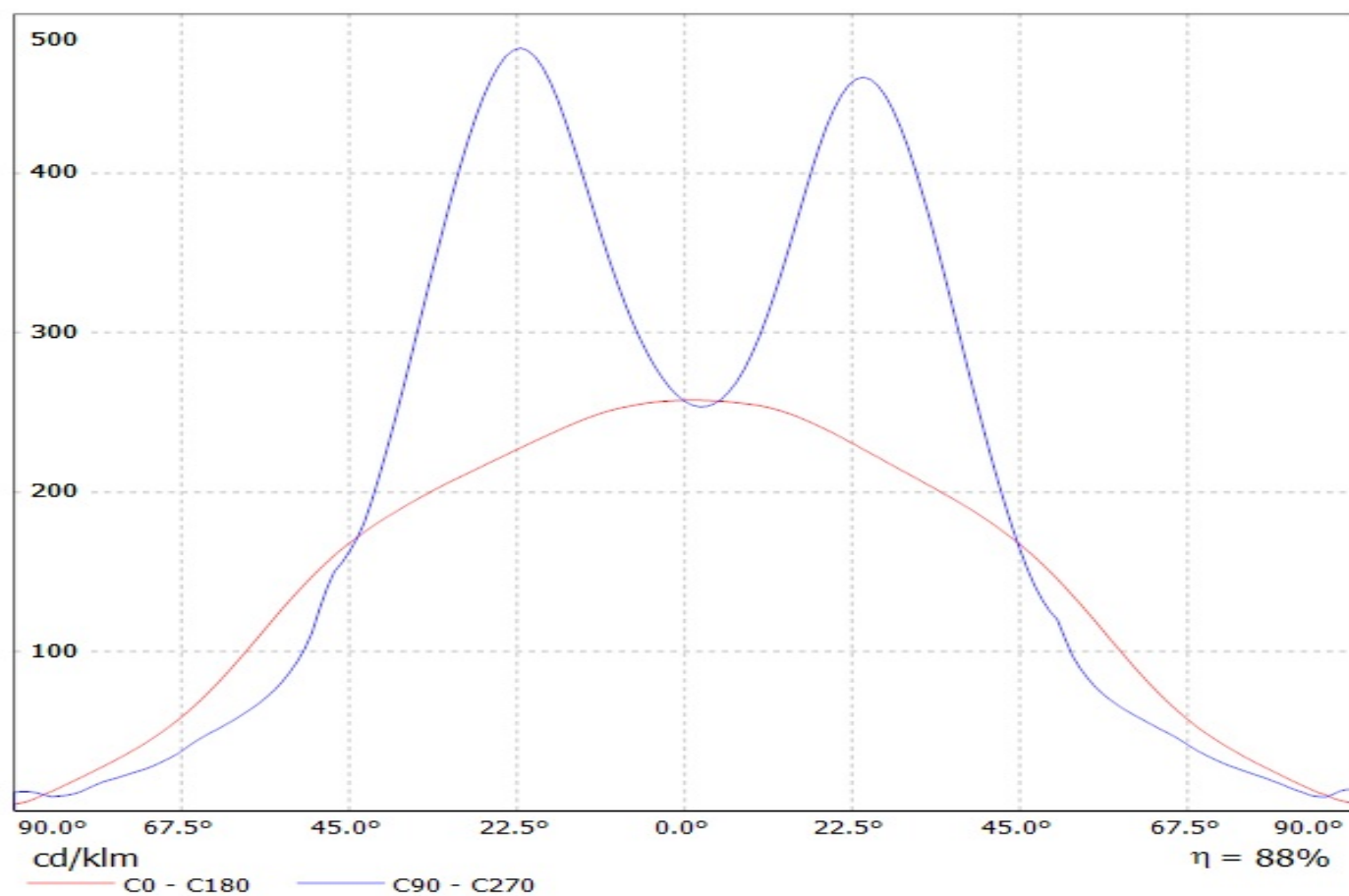


Luminaire: LEDiL Oy C14530_FLORENCE-1R-Z2T25_(Fortimo)

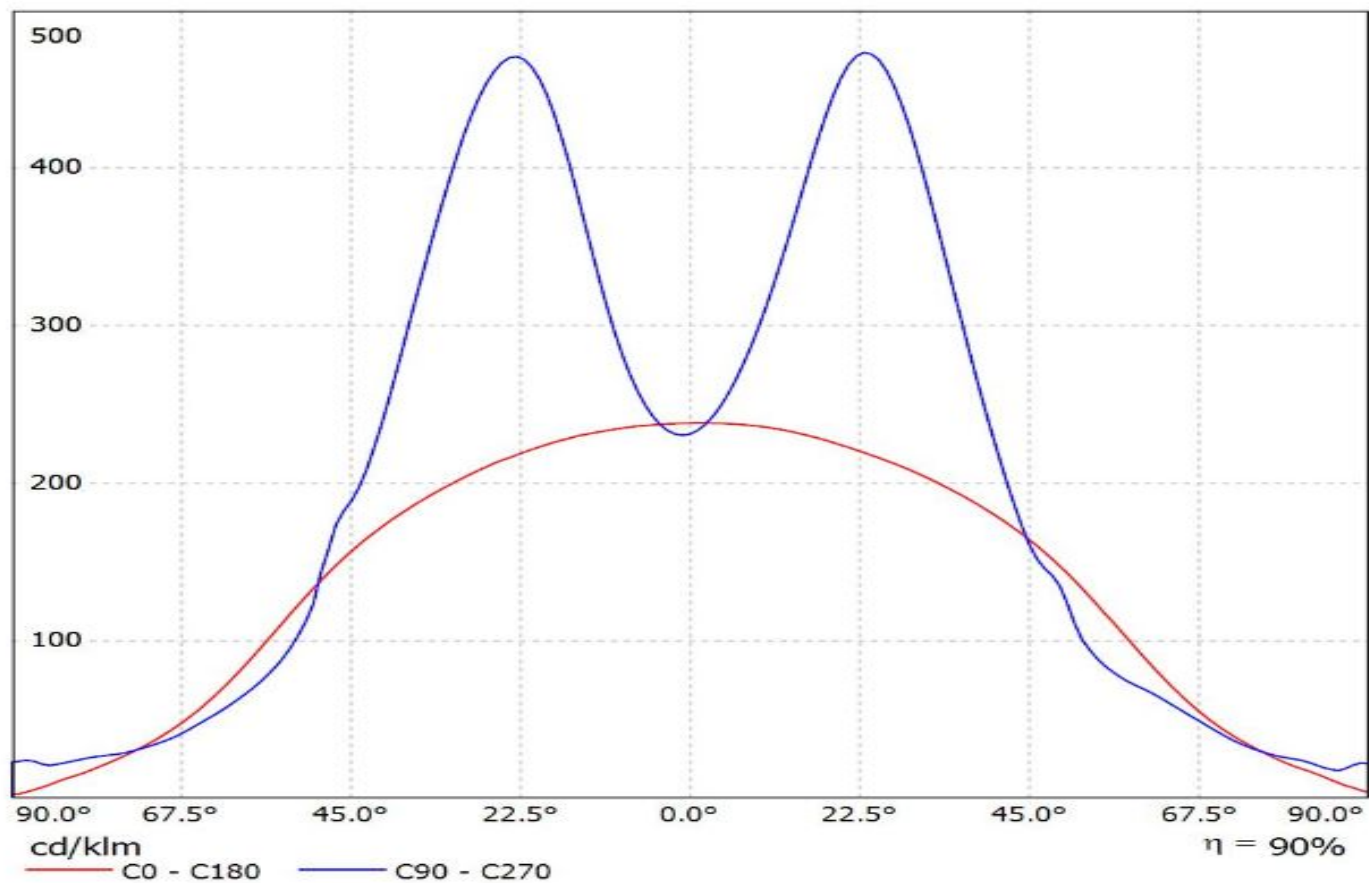
Lamps: 1 x Fortimo_LED_line_1ft_1100lm_840_1R_HV2_1063.26lm@250mA_P=8.02158W_I=0.2498A



Luminaire: LEDiL Oy C14530_FLORENCE-1R-Z2T25_(LM302A)
Lamps: 1 x Samsung_LM302A_865.46lm@100mA_P=6.64694W_I=0.1001A

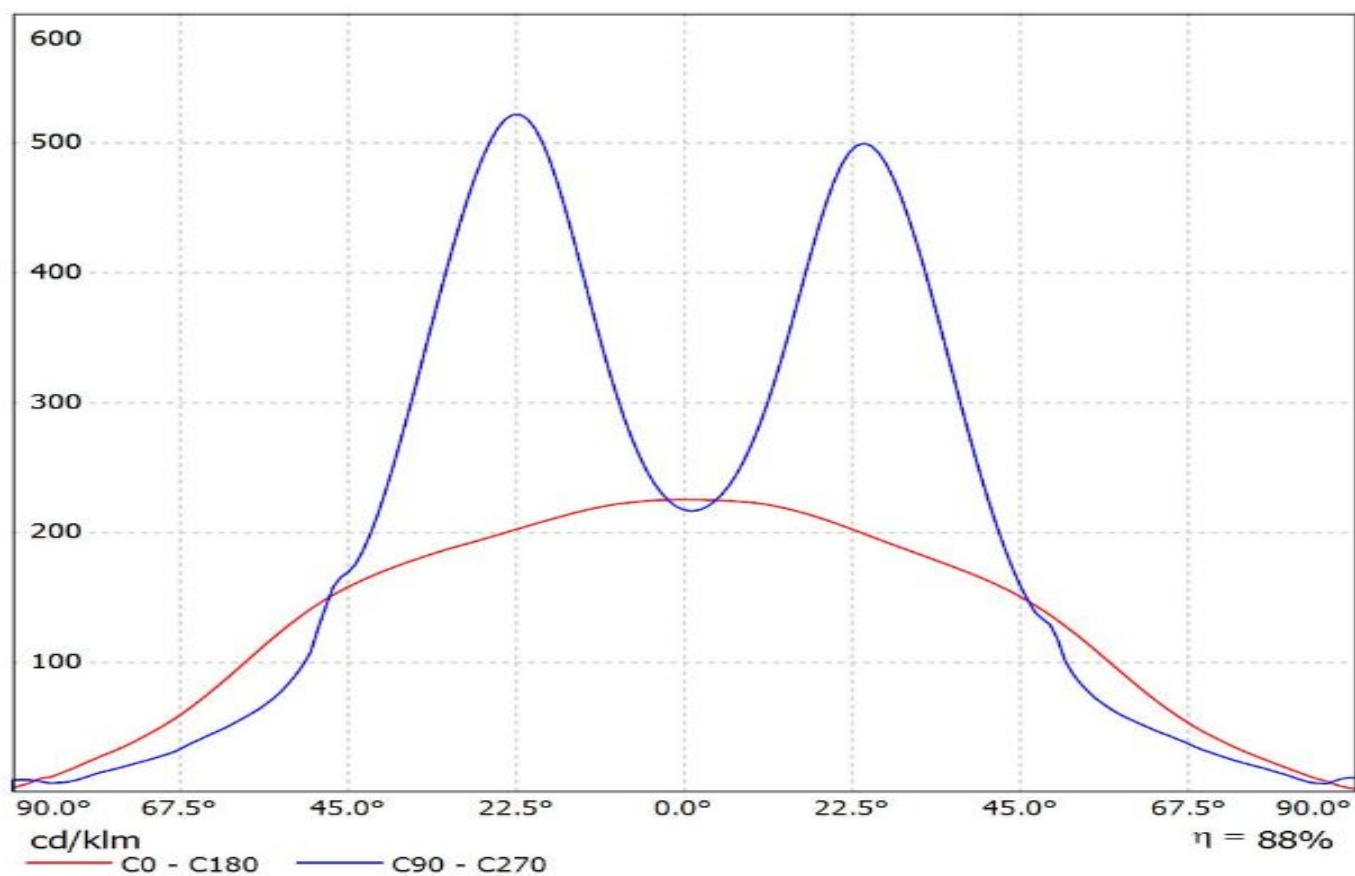


Luminaire: Ledil C14530_FLORENCE-1R-Z2T25_(LM5618+)
Lamps: 1 x Samsung SI-B8T071280LD_LM5618+_1401.55lm@250mA_P=9.185W_I=0.25A

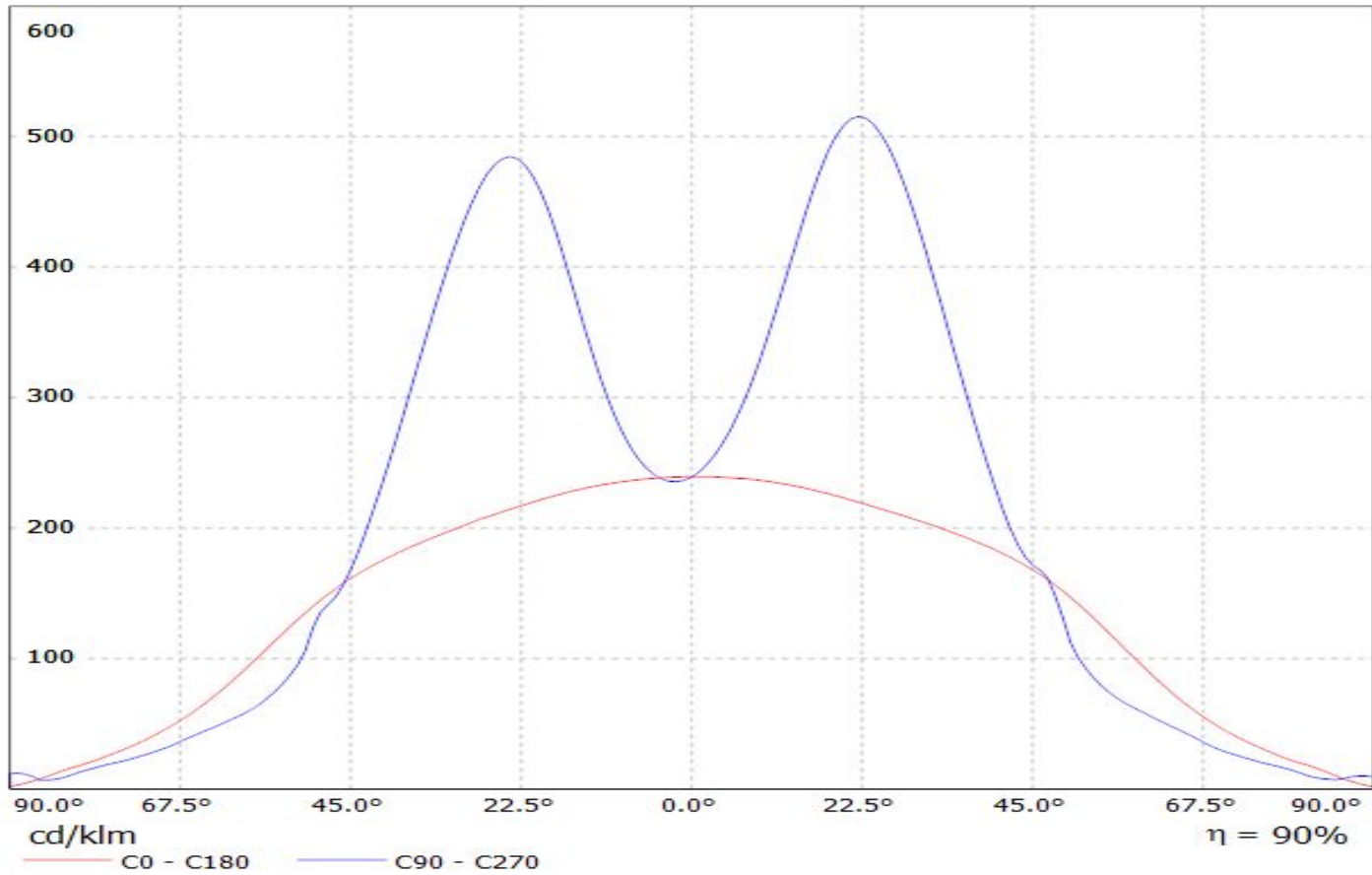


Luminaire: Ledil C14530_FLORENCE-1R-Z2T25_(LM301A)

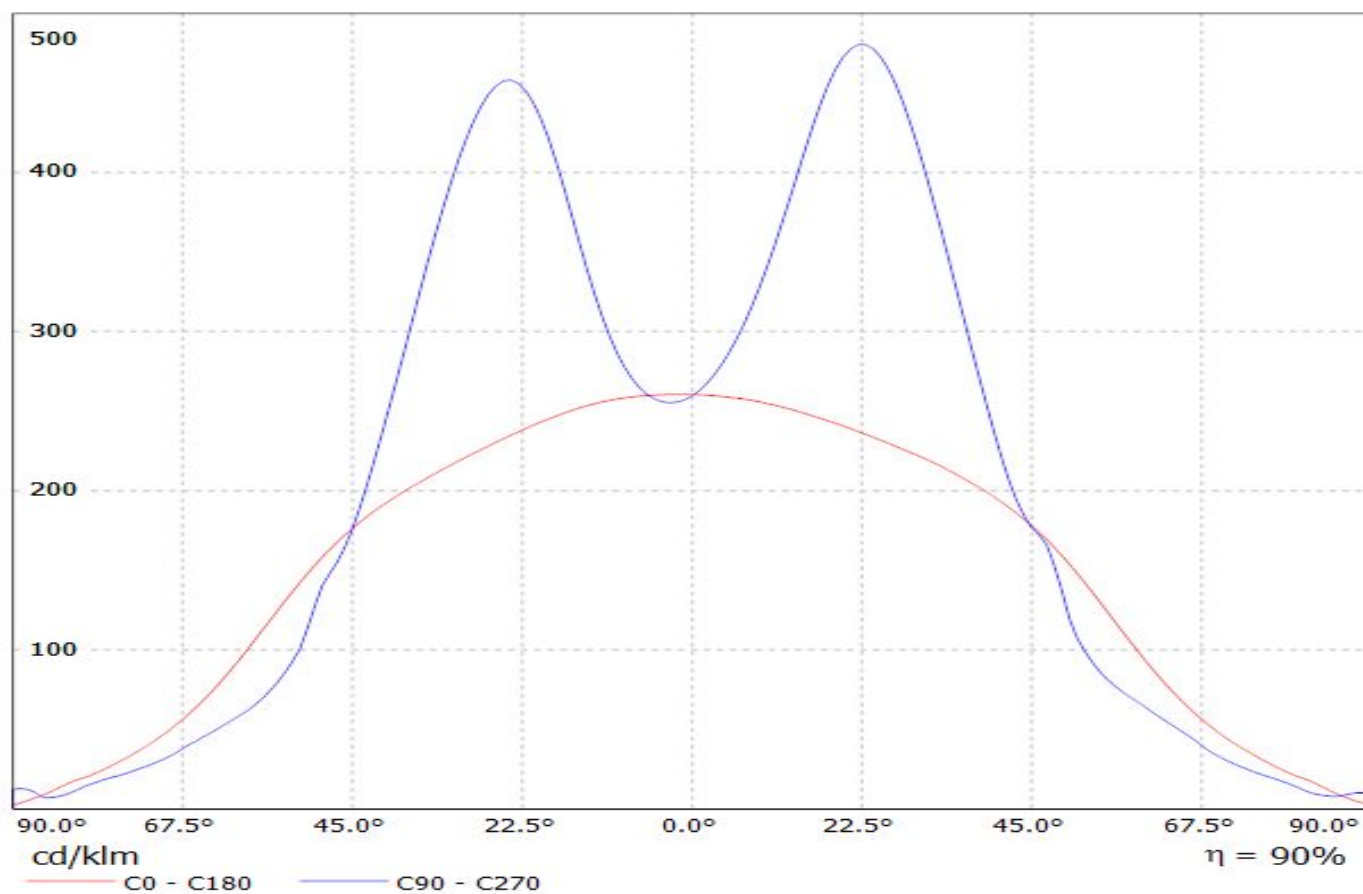
Lamps: 1 x Samsung_LM301A_x11_(SPMWHT328FD5WAT0S0)_1107.77lm@250mA_P=8.1W_I=0.25A



Luminaire: LEDiL Oy C14530_FLORENCE-1R-Z2T25_(LM561C)
Lamps: 1 x Samsung_LM561C_685.154lm@130mA_P=3.9367W_I=0.130A



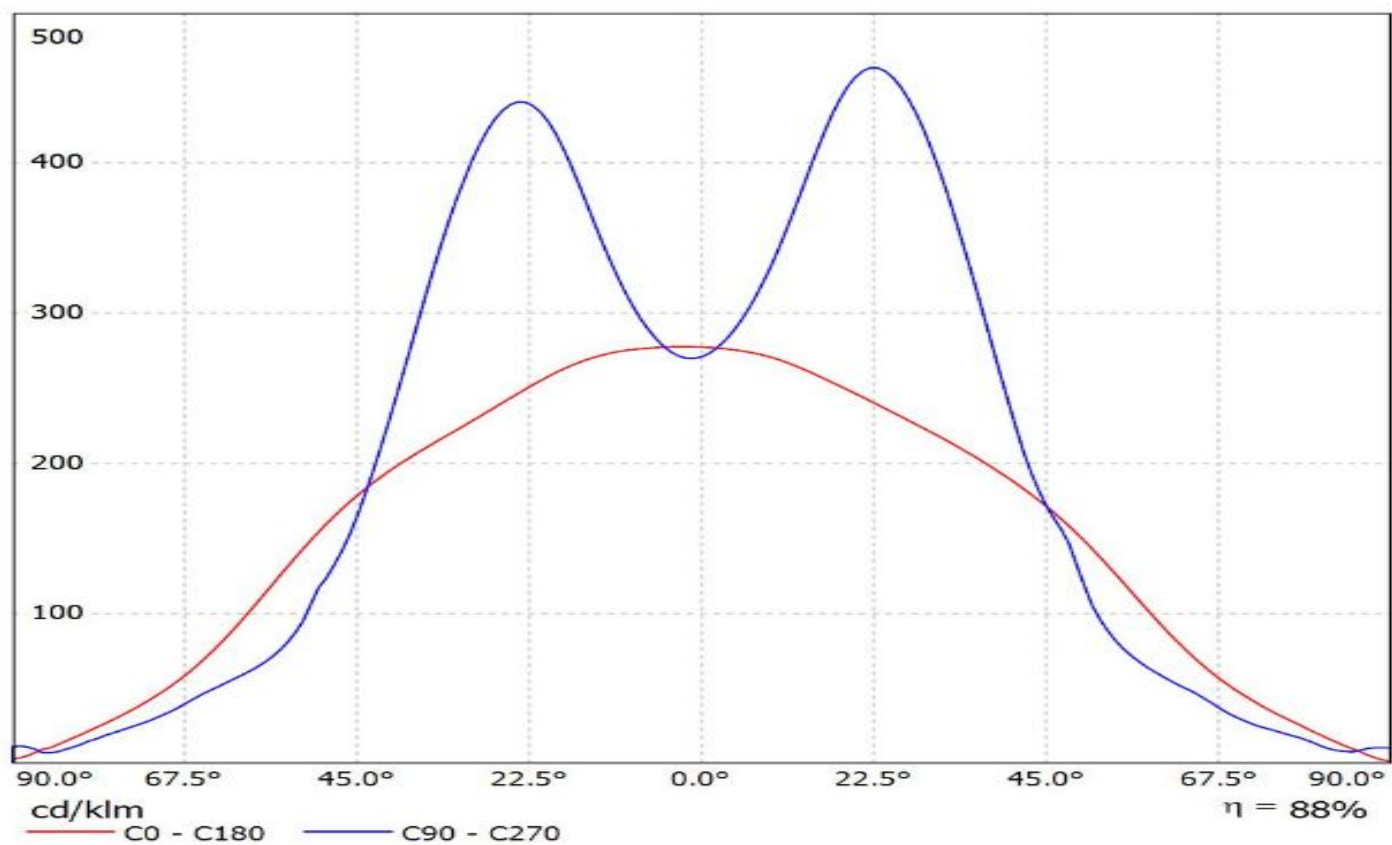
Luminaire: LEDiL Oy C14530_FLORENCE-1R-Z2T25_(LM281B)
Lamps: 1 x Samsung_LM281B_1309.14lm@300mA_P=10.244W_I=0.300A



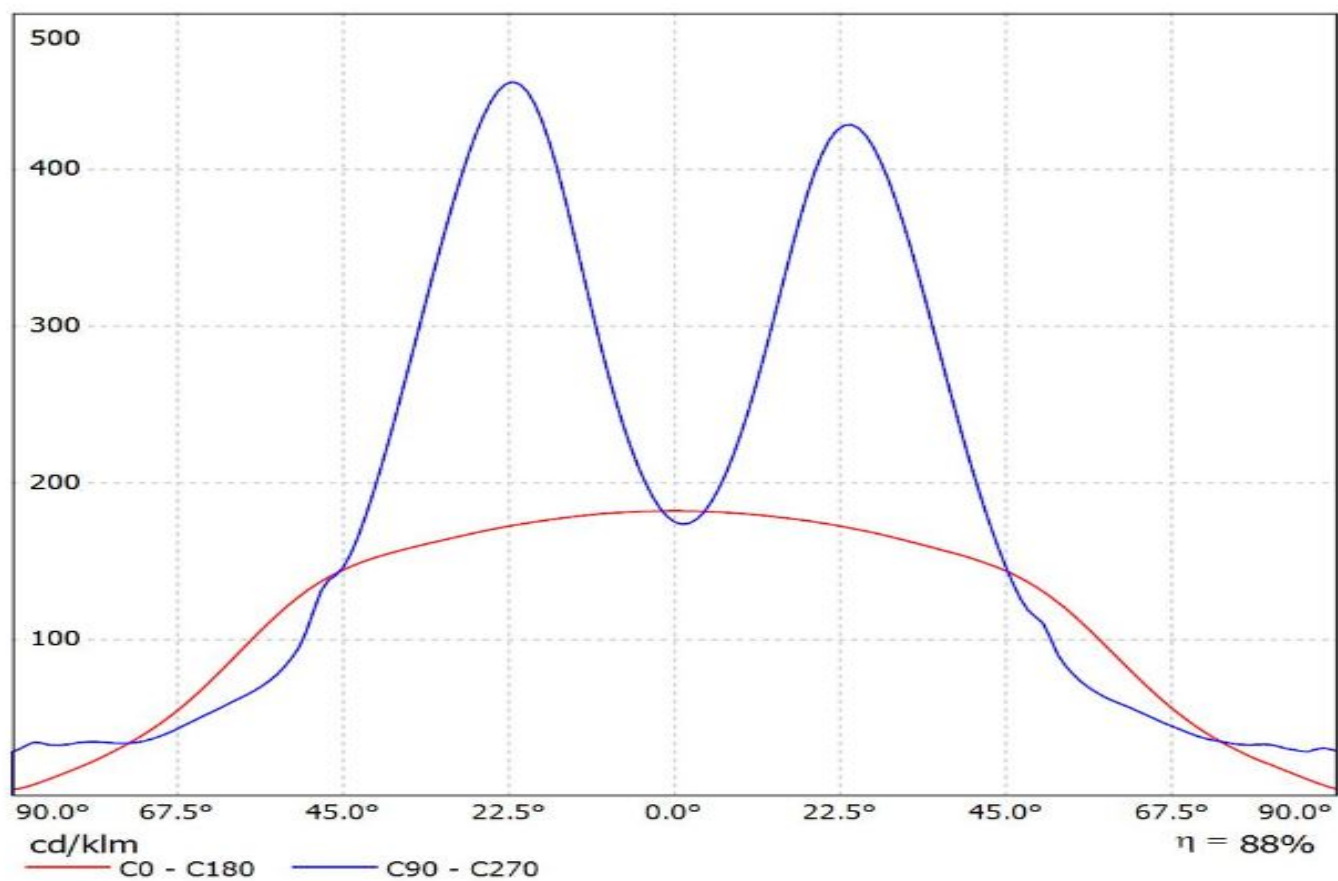
Ledil C14530_FLORENCE-1R-Z2T25_(Seoul_3030) / LDC (Linear)

Luminaire: Ledil C14530_FLORENCE-1R-Z2T25_(Seoul_3030)

Lamps: 1 x Seoul_3030_x11_(STW8C2SA)_785.296lm@100mA_P=6.5W_I=0.1A

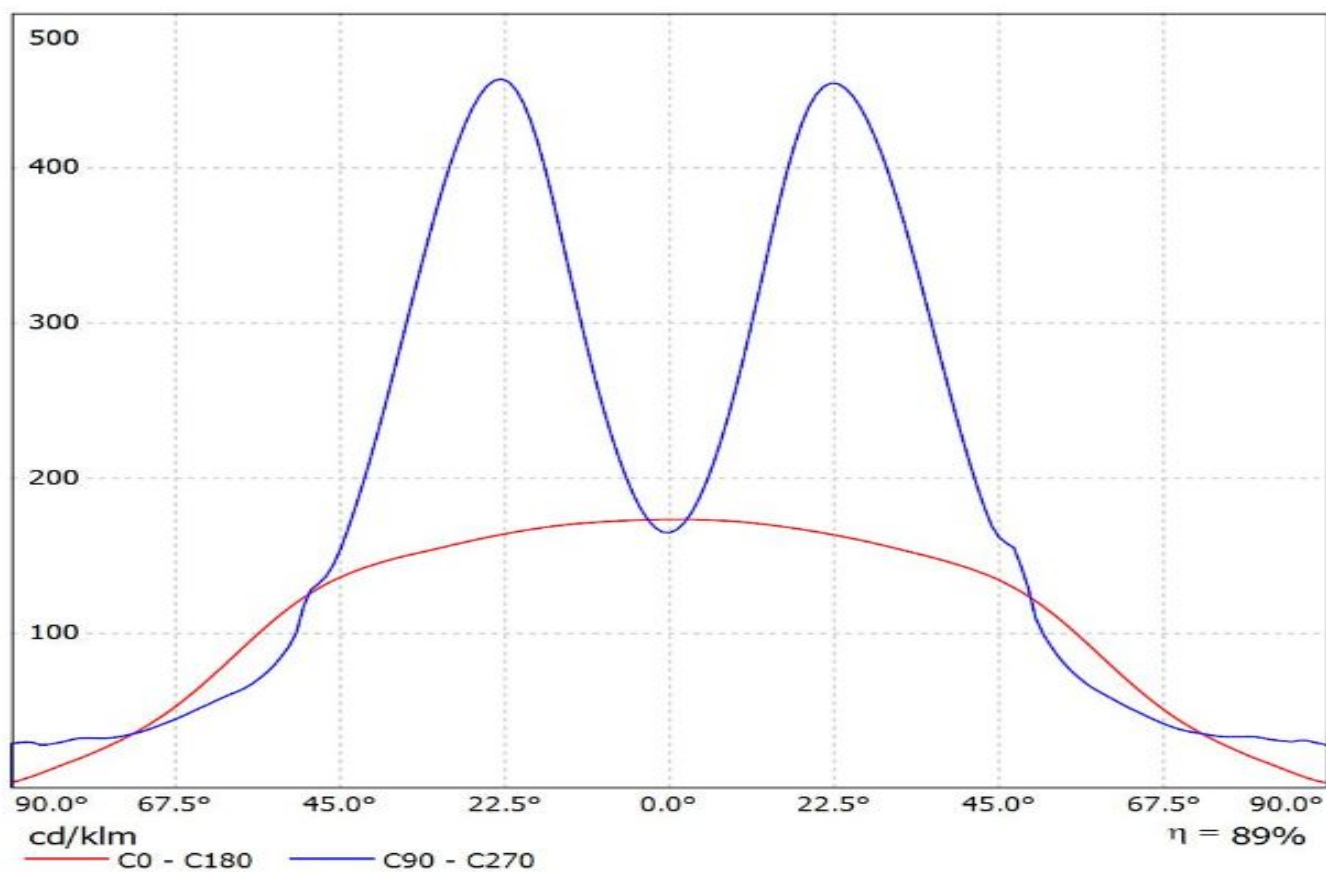


Luminaire: Ledil C14530_FLORENCE-1R-Z2T25_(CALGD0414-M8W1)
Lamps: 1 x Citizen_CALGD0414-M8W1_556.672lm@350mA_P=4.0291W_I=0.3499A

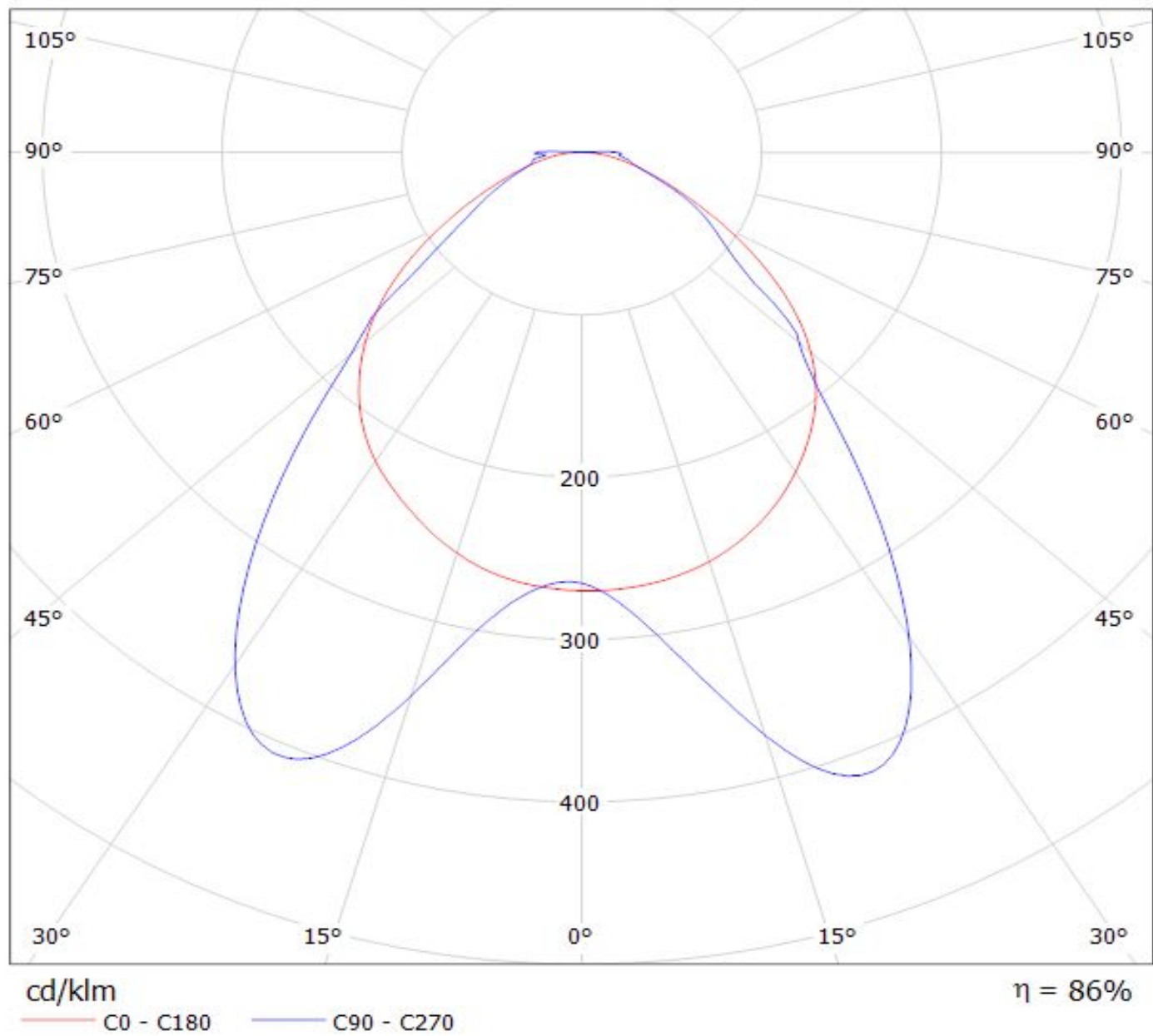


Luminaire: Ledil C14530_FLORENCE-1R-Z2T25_(CALGD0814-M17W1)

Lamps: 1 x Citizen_(CALGD0814-M17W1)_1098.26lm@350mA_P=7.96302W_I=0.3499A



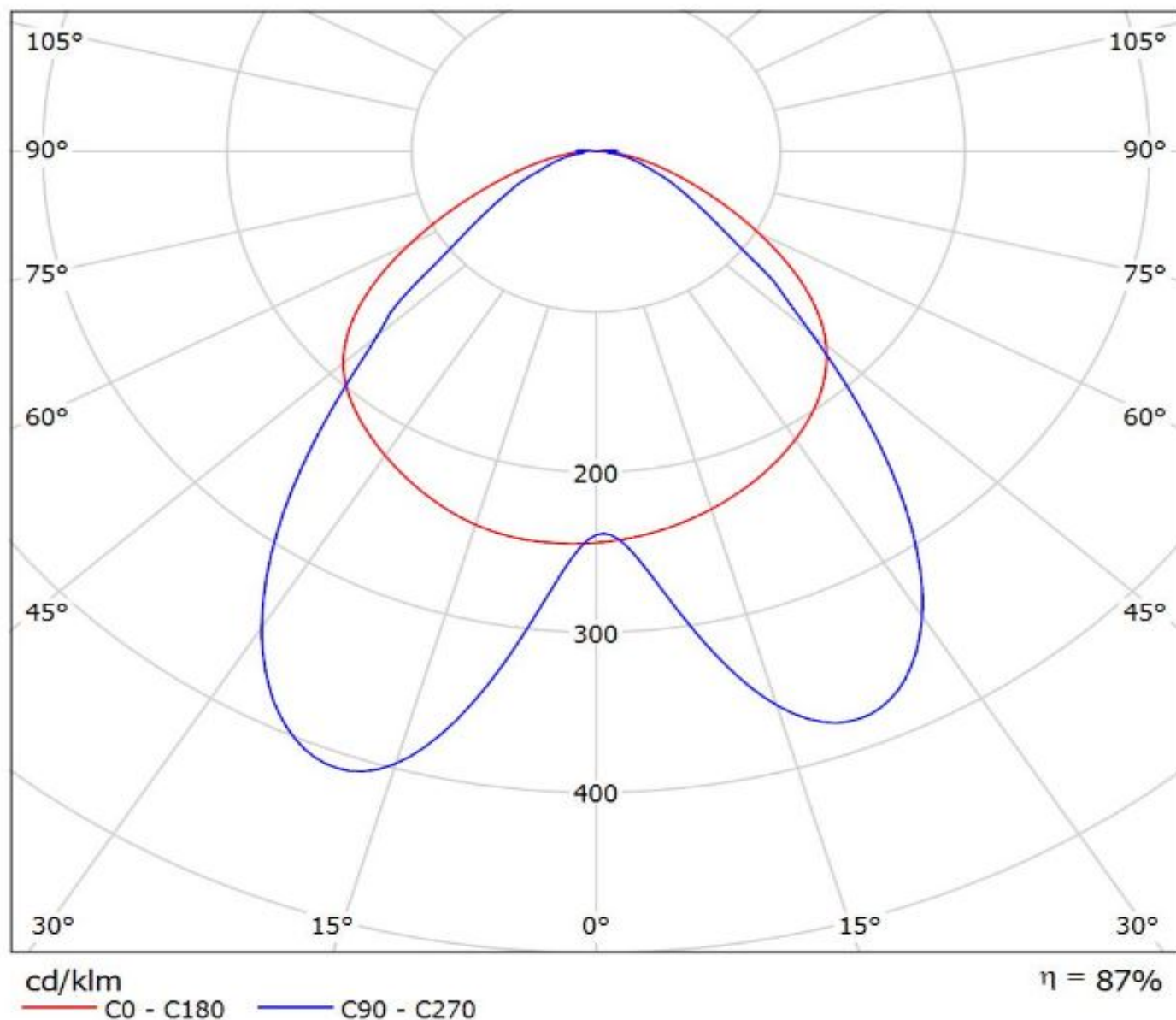
Luminaire: Ledil C14530_FLORENCE-1R-Z2T25_(CeZos)
Lamps: 1 x CeZos_(L0-280024-xxx-C0800-L267)_1346.29lm@250mA_CCT=3000K_P=8.5017W_I=0.25A



Ledil C14530_FLORENCE-1R-Z2T25_(XH-B) / LDC (Polar)

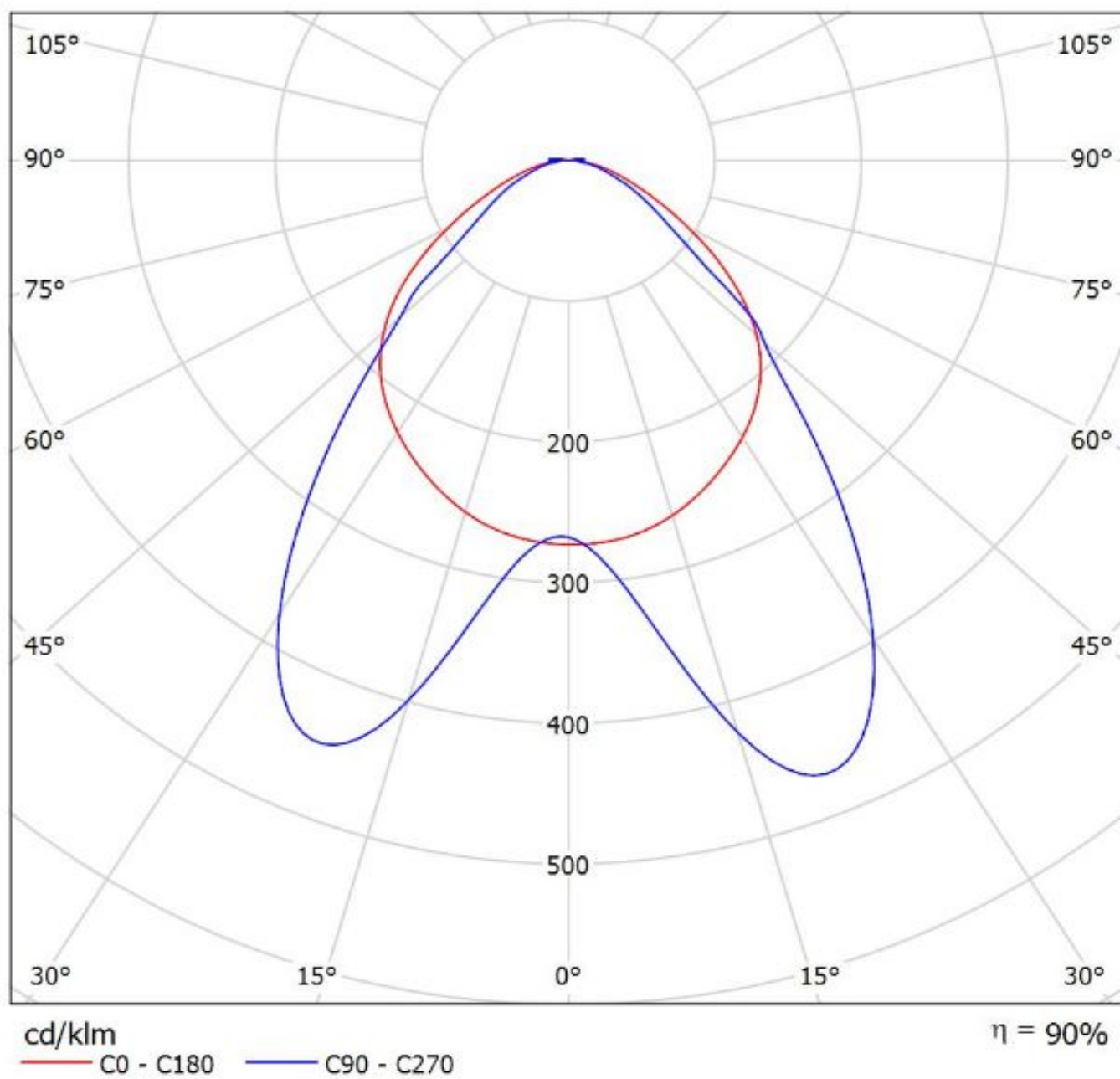
Luminaire: Ledil C14530_FLORENCE-1R-Z2T25_(XH-B)

Lamps: 1 x Cree_XH-B_x22_(XHBAWT-0-7B4-J20-0H-0001)_288.58lm@65mA_P=2.1W_I=0.065A



Luminaire: Ledil C14530_FLORENCE-1R-Z2T25_(3535L_x22)

Lamps: 1 x Luxeon_3535L_x22_(MXA8-PW50)_507.68lm@100mA_P=2.9953W_I=0.100mA

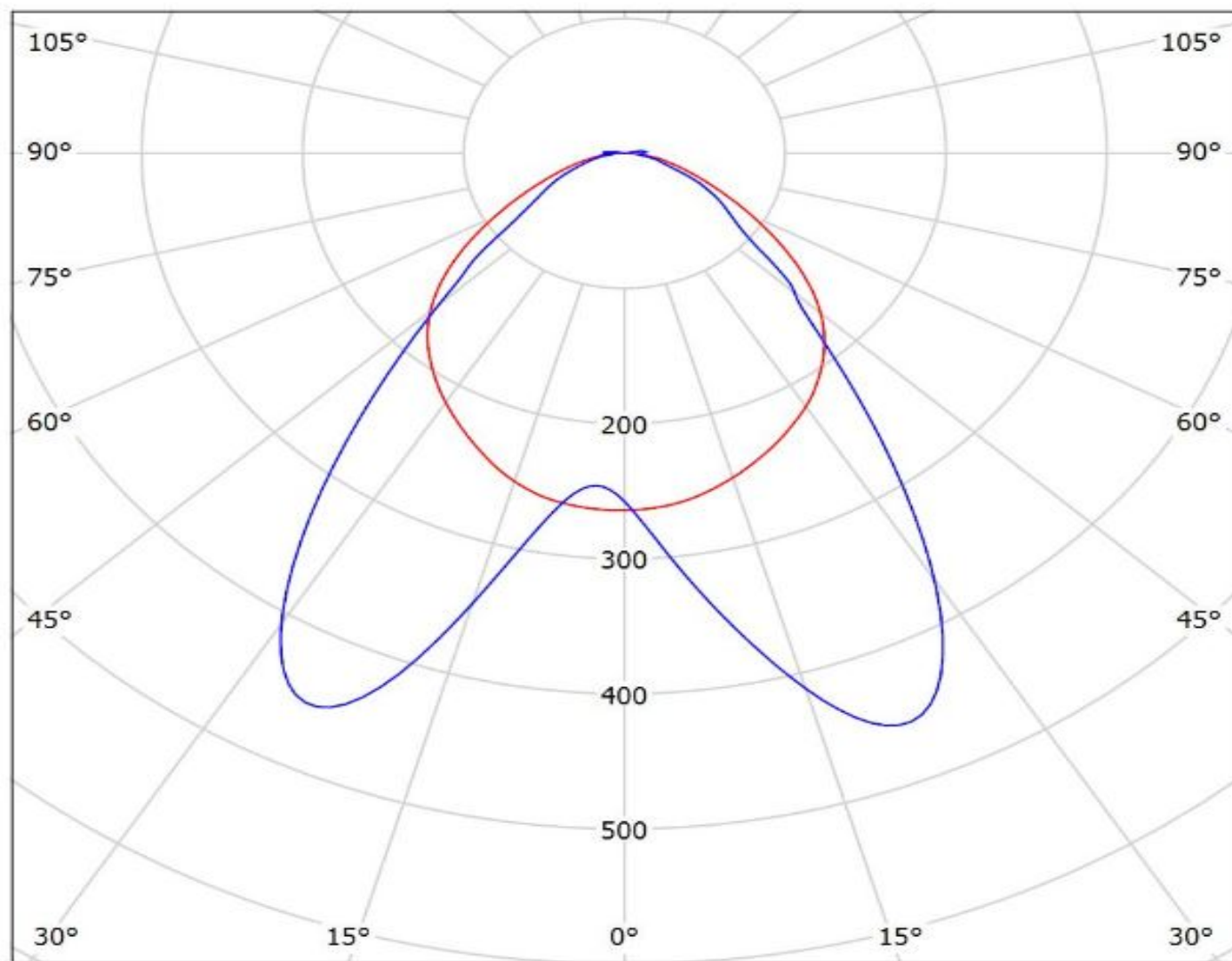


Ledil C14530_FLORENCE-1R-Z2T25_(Luxeon_3030_2D) / LDC (Polar)

Luminaire: Ledil C14530_FLORENCE-1R-Z2T25_(Luxeon_3030_2D)

Lamps: 1 x Luxeon_3030_2D_x22_(L130-4080003000W21)

_1601.44lm@200mA_CCT=4000K_P=12.8W_I=0.2A



cd/klm

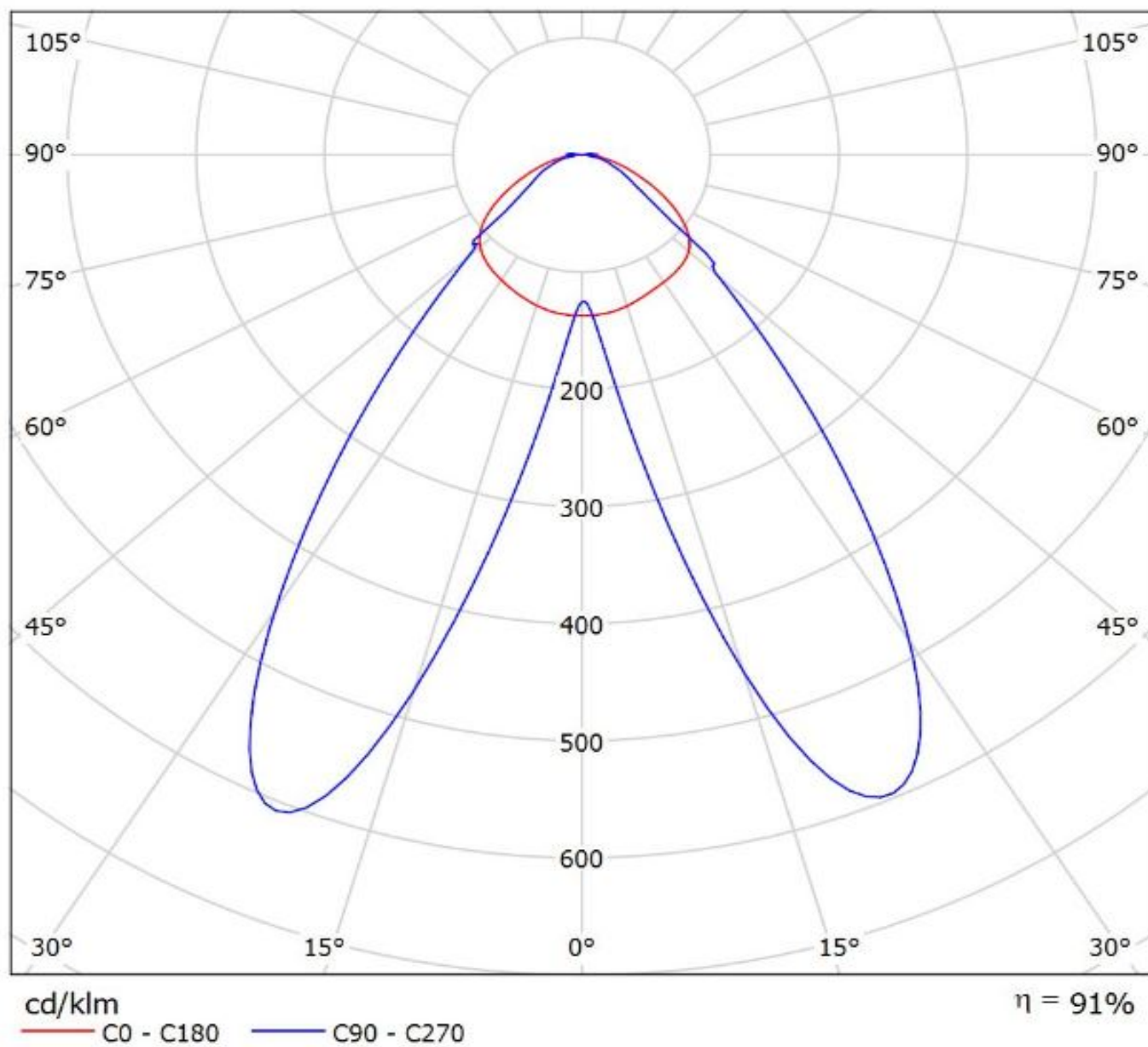
— C0 - C180

— C90 - C270

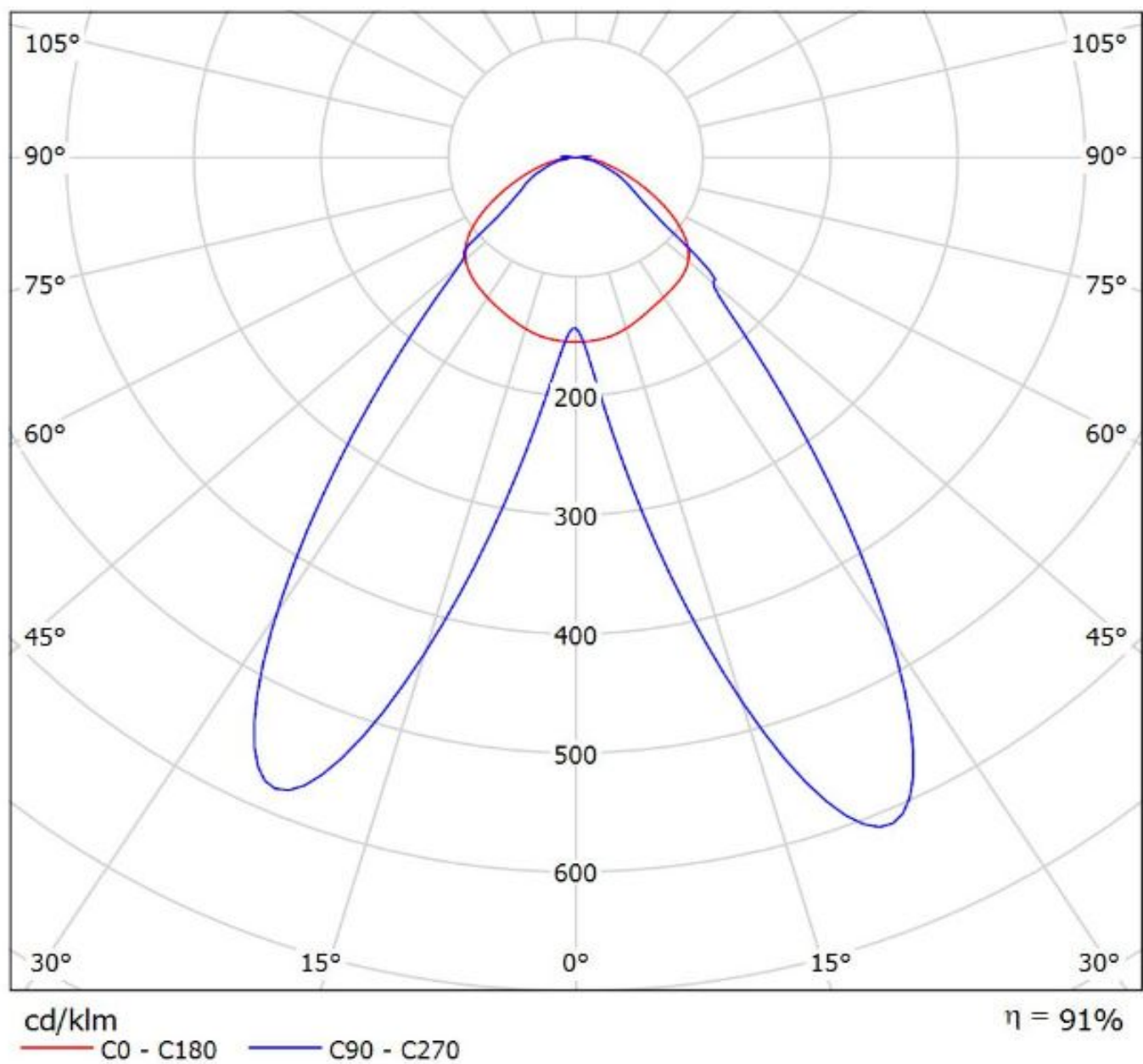
$\eta = 87\%$

Luminaire: Ledil C14530_FLORENCE-1R-Z2T25_(3014_x22)

Lamps: 1 x Luxeon_3014_x22_(L130-5080)_283.511lm@60mA_P=1.9087W_I=0.060mA



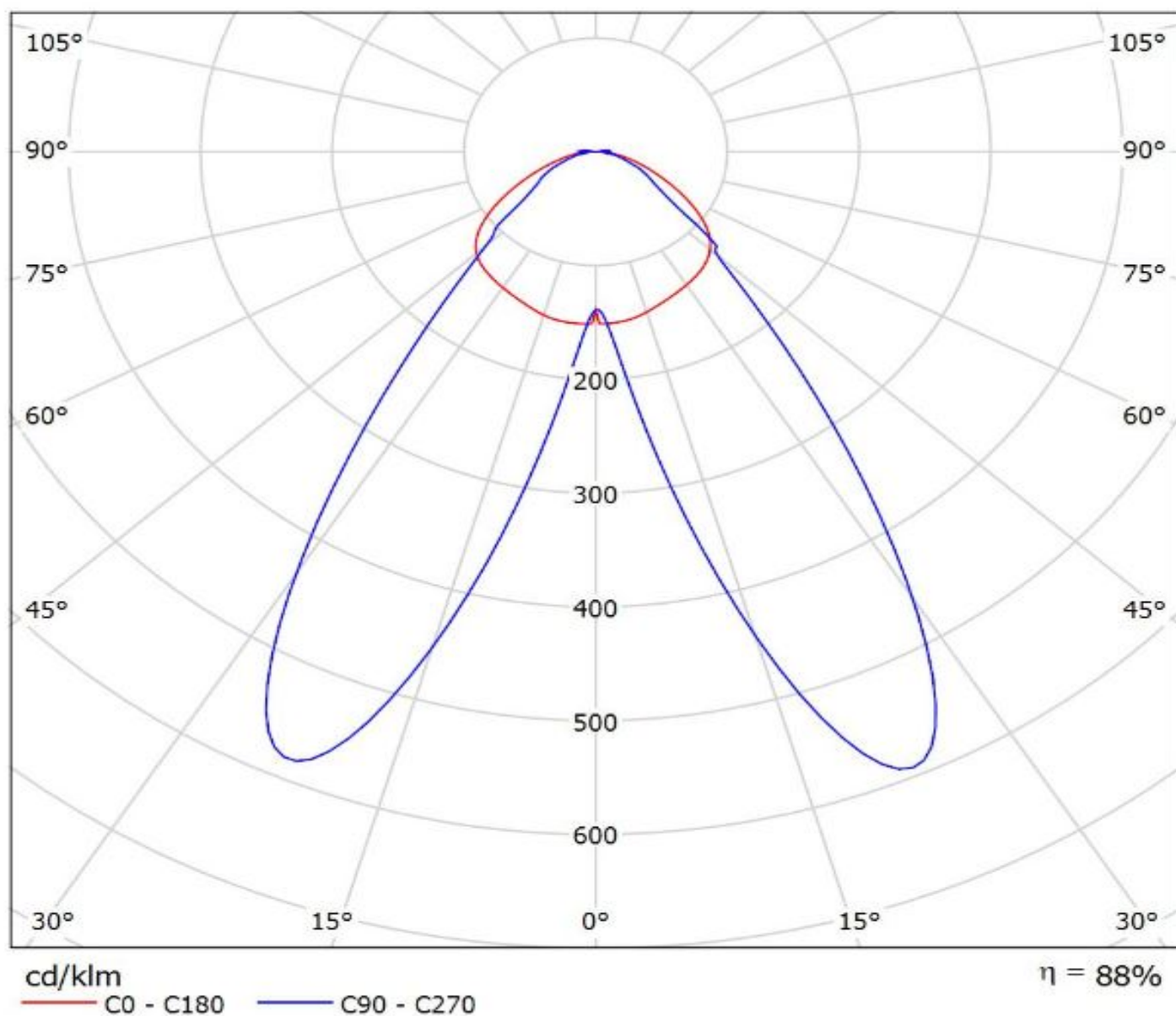
Luminaire: Ledil C14530_FLORENCE-1R-Z2T25_(3020)
Lamps: 1 x Luxeon_3020_x22_(L130-2780)_488.066lm@120mA_P=3.7731W_I=0.120mA



Ledil C14530_FLORENCE-1R-Z2T25_(Luminus_MP-2016) / LDC (Polar)

Luminaire: Ledil C14530_FLORENCE-1R-Z2T25_(Luminus_MP-2016)

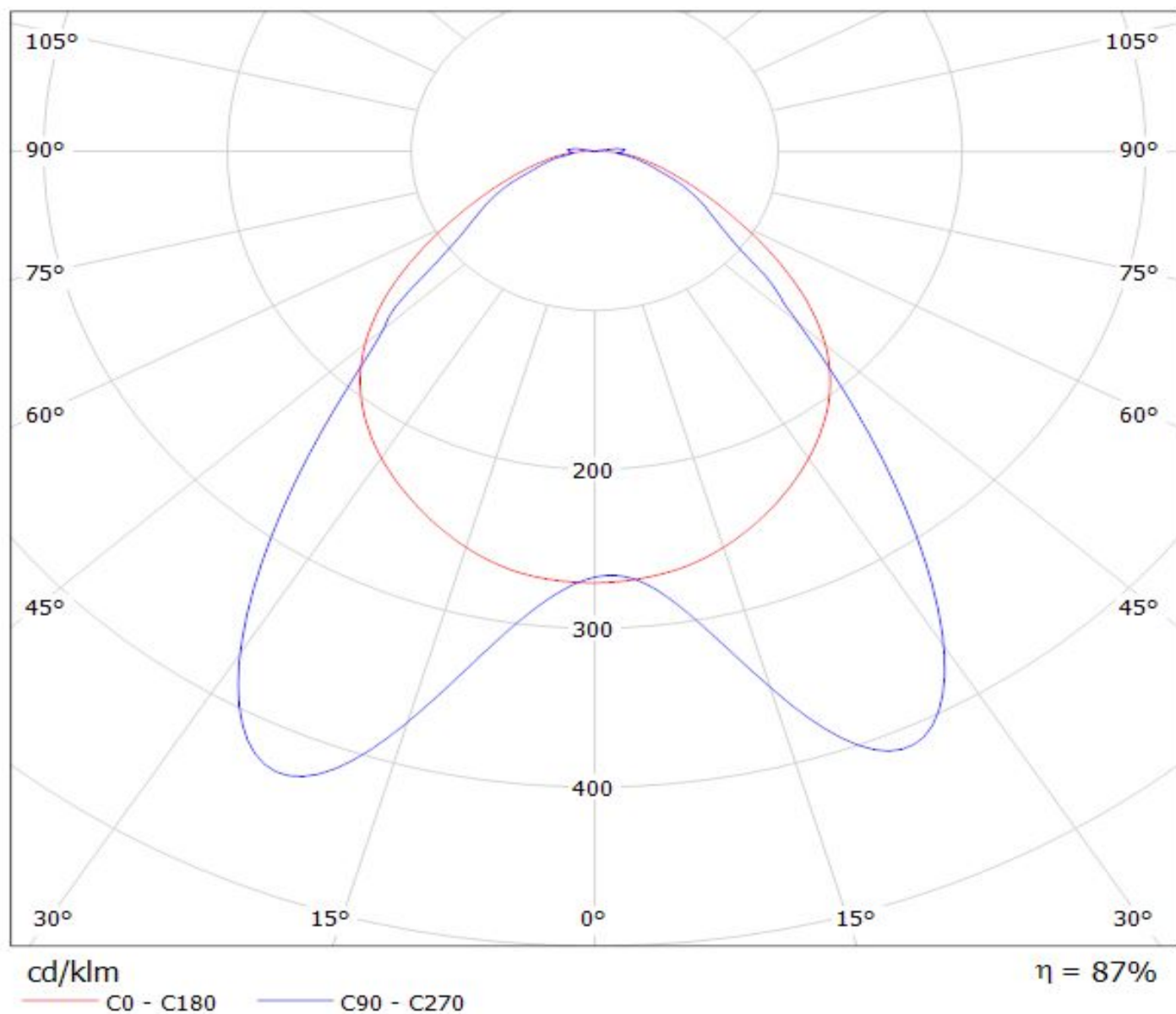
Lamps: 1 x Luminus_MP-2016_1x22_(LUMMP-1100-30-80)_471.904lm@120mA_P=4W_I=0.12A



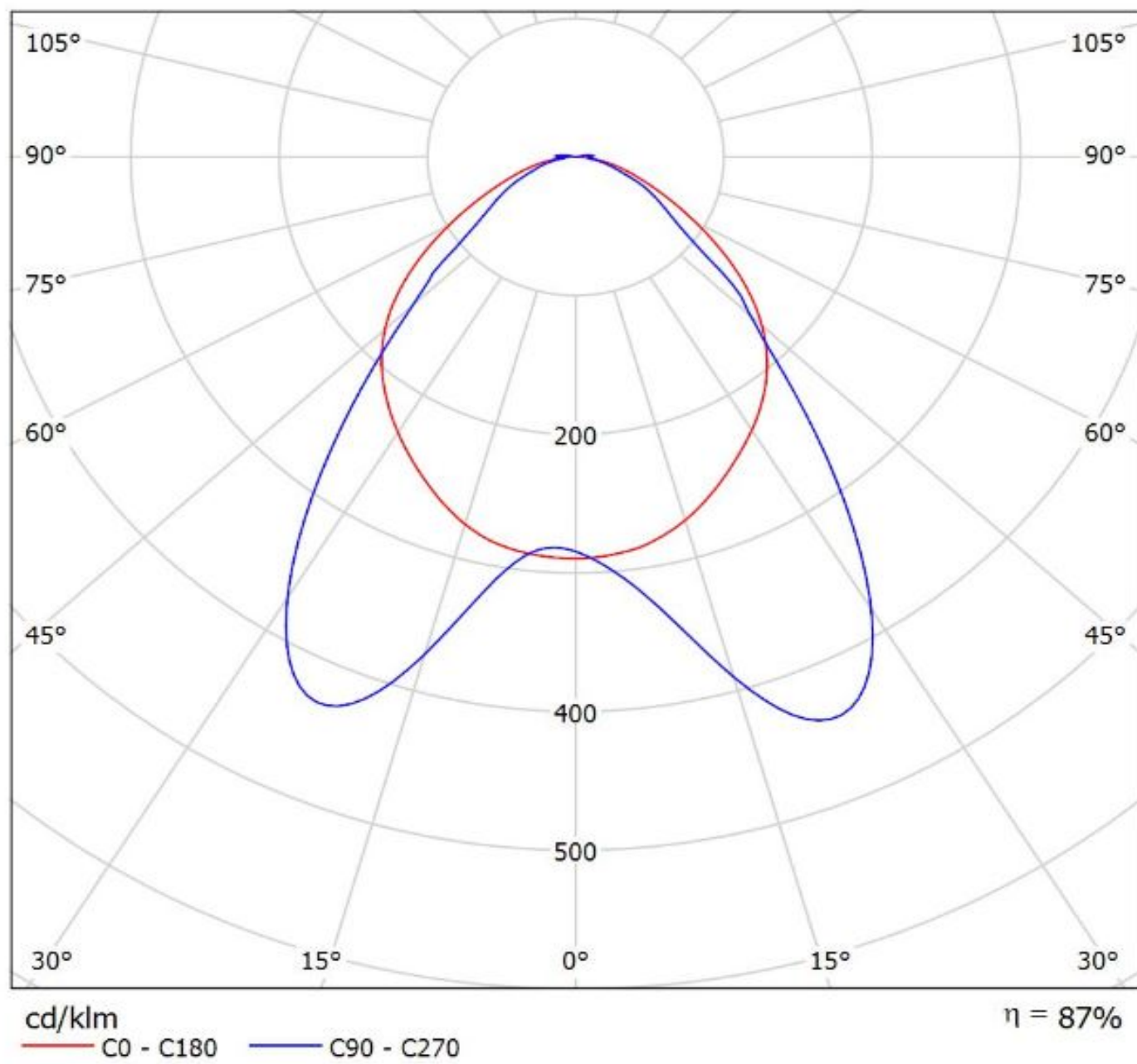
Ledil C14530_FLORENCE-1R-Z2T25_(NF2x757D) / LDC (Polar)

Luminaire: Ledil C14530_FLORENCE-1R-Z2T25_(NF2x757D)

Lamps: 1 x Nichia_NF2x757D_2chip_x22 (NF2W757DRT)_2050.6lm@200mA_P=12.95W_I=0.2A



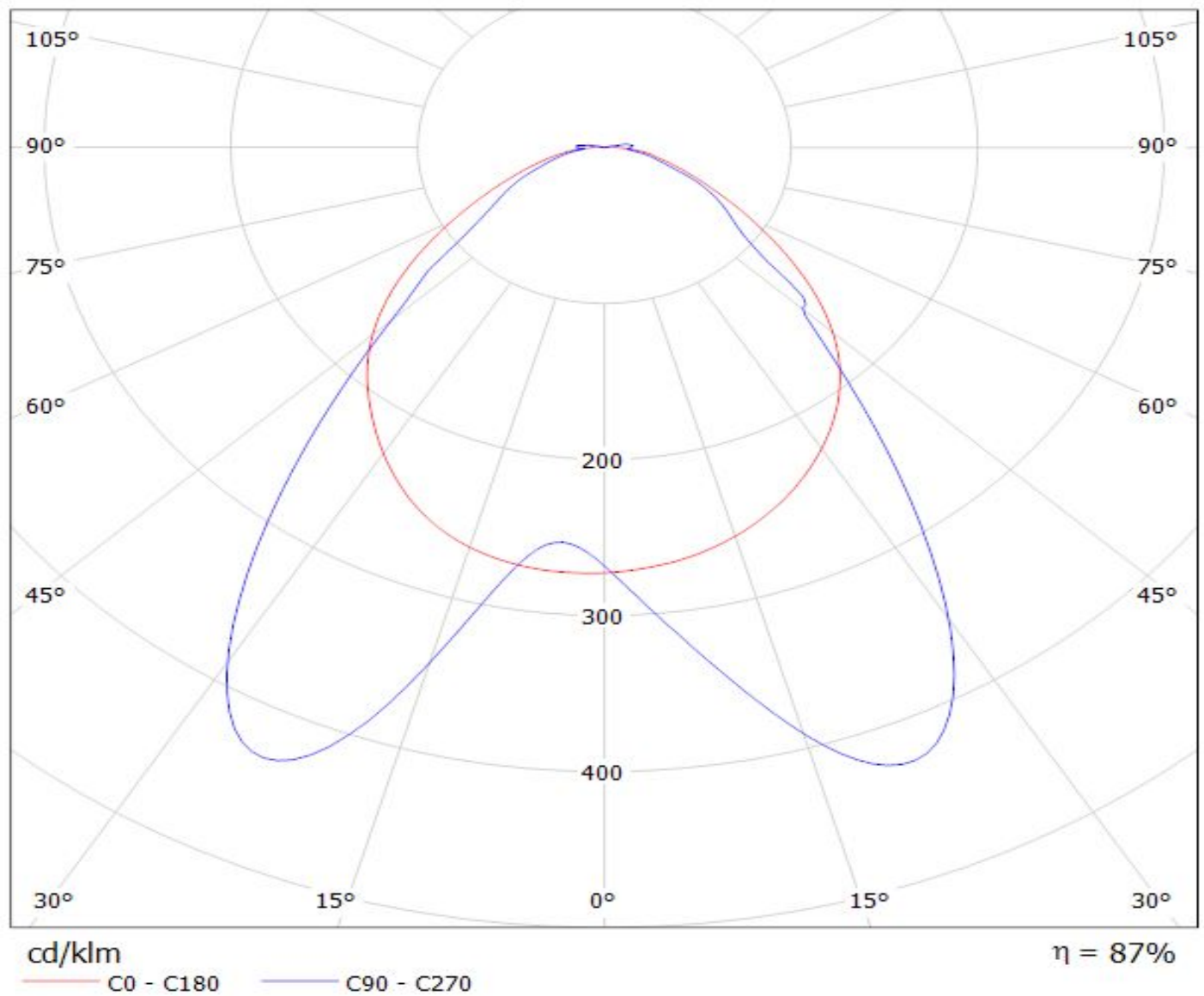
Luminaire: Ledil C14530_FLORENCE-1R-Z2T25_(NF2W757G)
Lamps: 1 x NF2W757G_377.885lm@65mA_CCT=?K_P=1.97W_I=0.065A



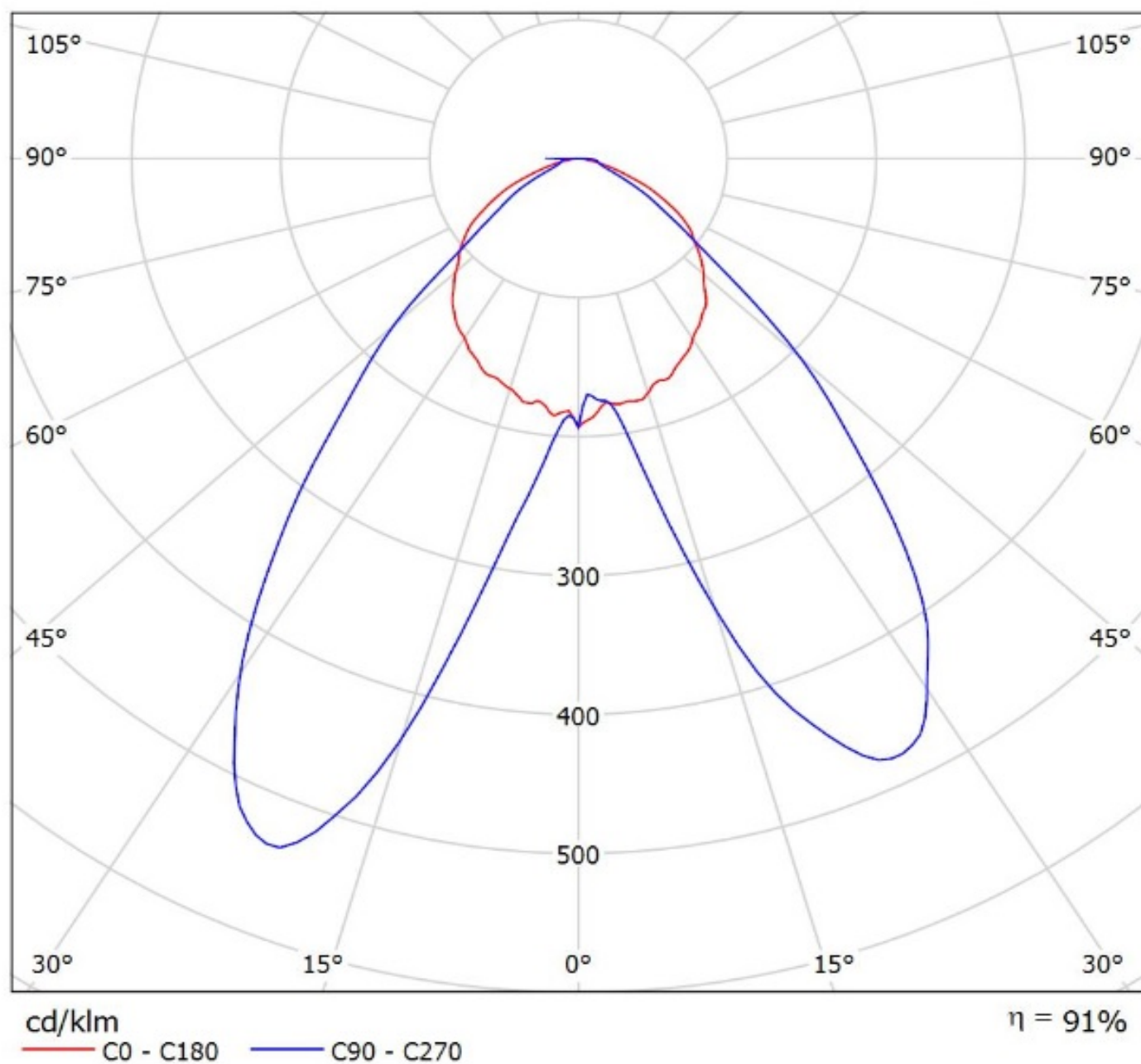
Ledil C14530_FLORENCE-1R-Z2T25_(Duris_S5) / LDC (Polar)

Luminaire: Ledil C14530_FLORENCE-1R-Z2T25_(Duris_S5)

Lamps: 1 x Osram_Duris_S5_x11_(GW_PSLRS1.EC-LQLS-5H7I-1)
_1016.86lm@100mA_P=8W_I=0.1000A

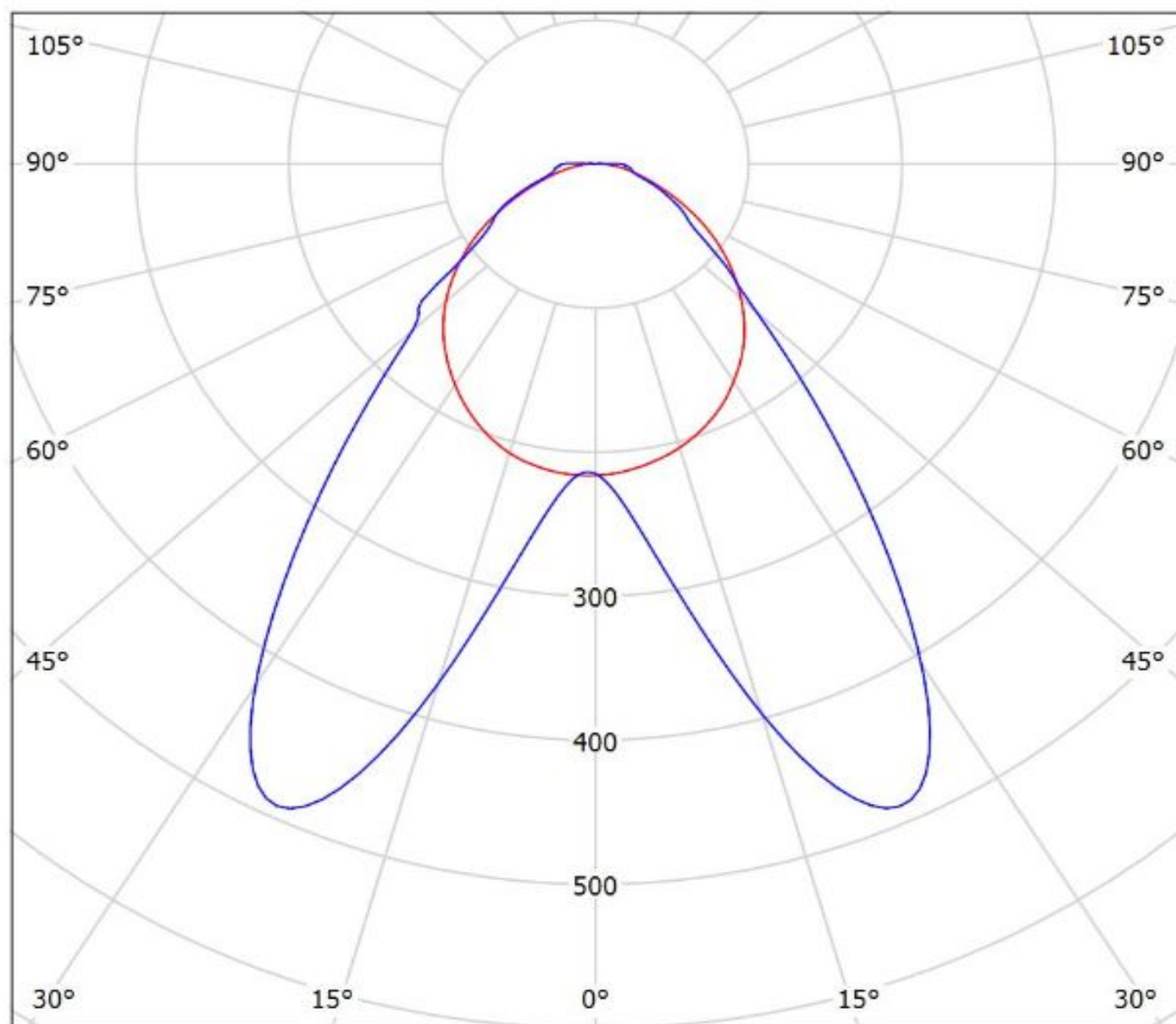


Luminaire: Ledil Oy C14530_FLORENCE-1R-Z2T25_(Duris_E_2835)_SIMULATED
Lamps: 1 x Osram Duris E 2835 - GW JTLRS1.EM



Luminaire: LEDiL Oy C14530_FLORENCE-1R-Z2T25_(Fortimo)

Lamps: 1 x Fortimo_LED_line_1ft_1100lm_840_1R_HV2_1063.26lm@250mA_P=8.02158W_I=0.2498A



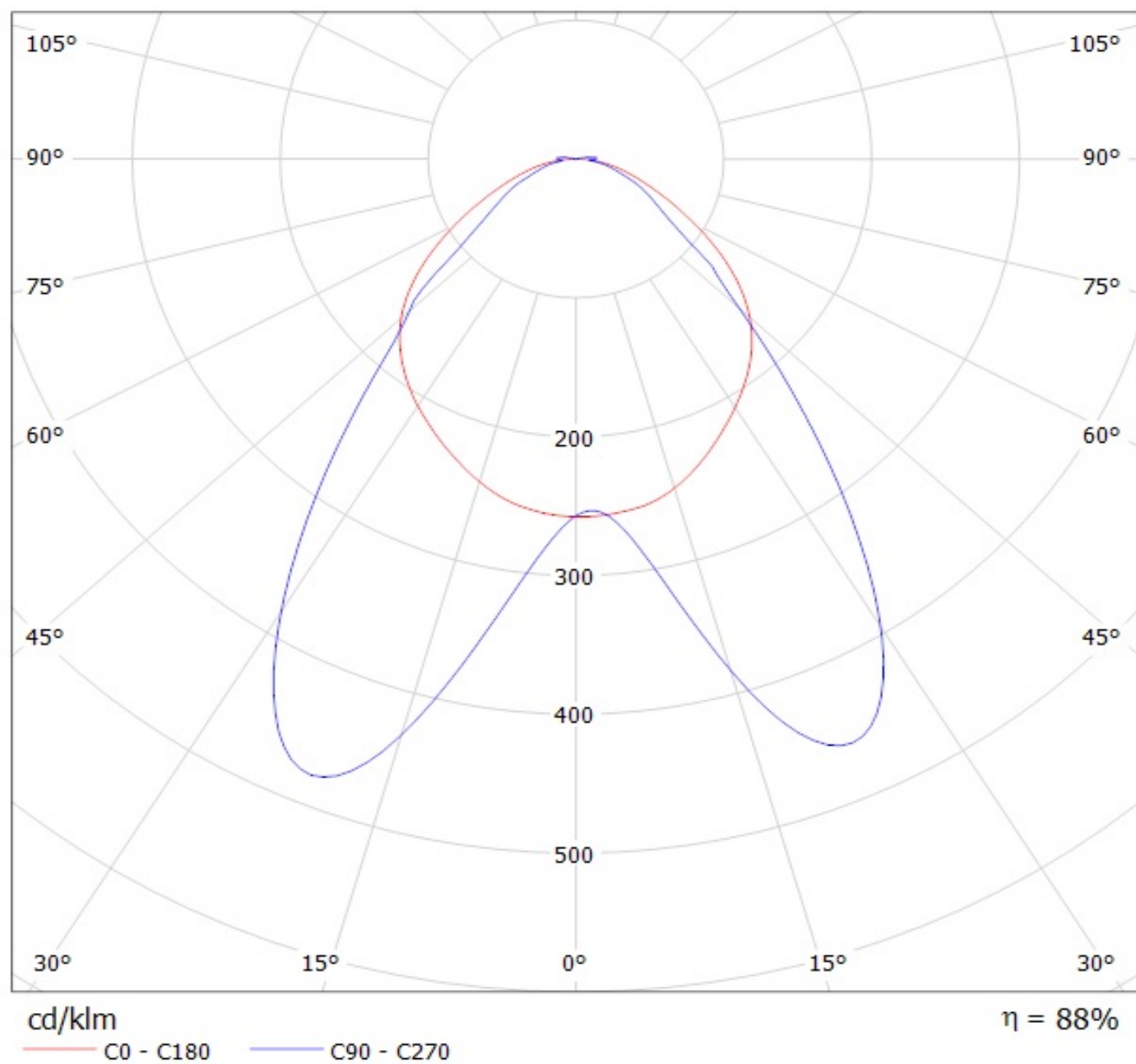
cd/klm

— C0 - C180 — C90 - C270

$\eta = 92\%$

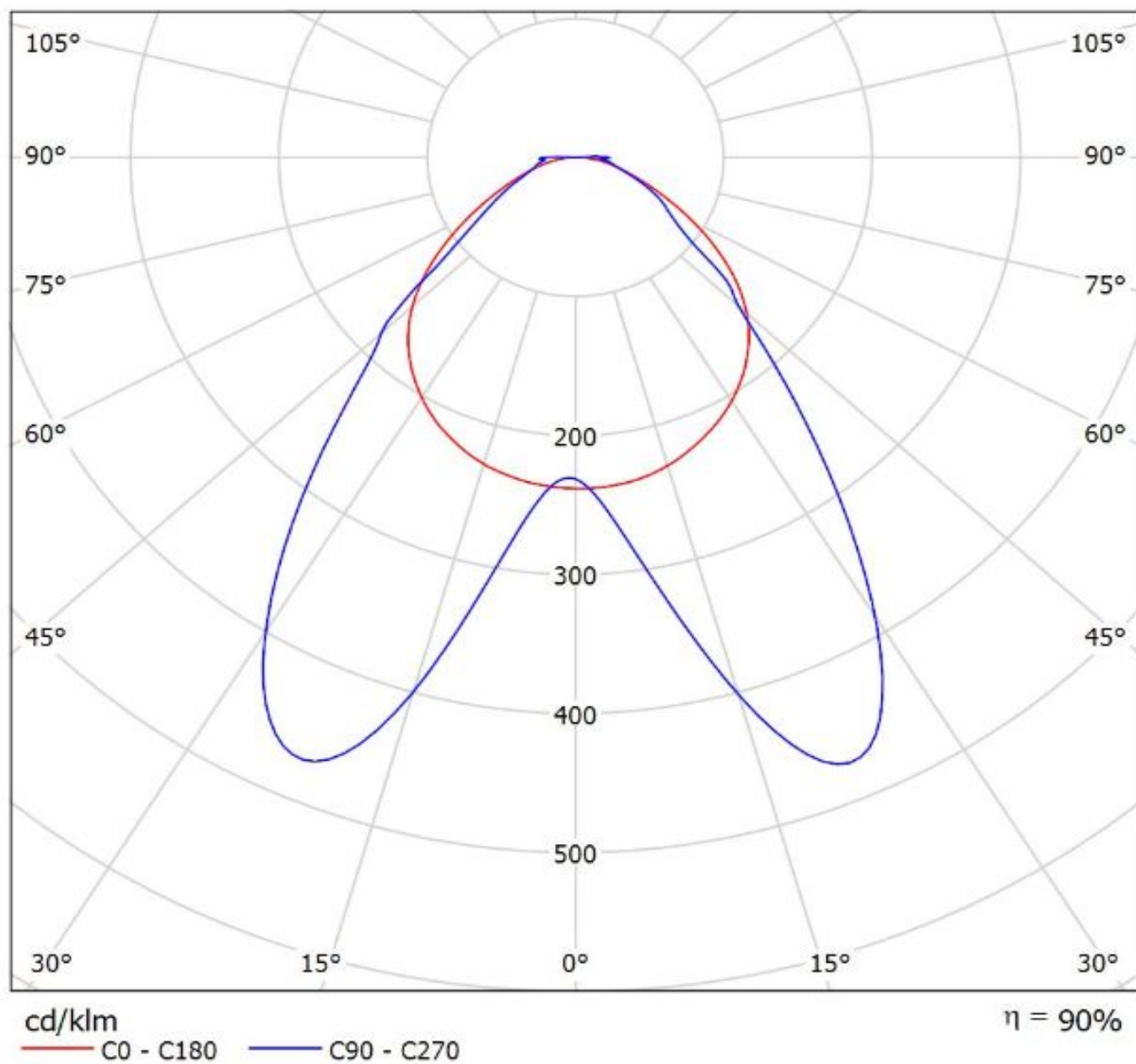
Luminaire: LEDiL Oy C14530_FLORENCE-1R-Z2T25_(LM302A)

Lamps: 1 x Samsung_LM302A_865.46lm@100mA_P=6.64694W_I=0.1001A



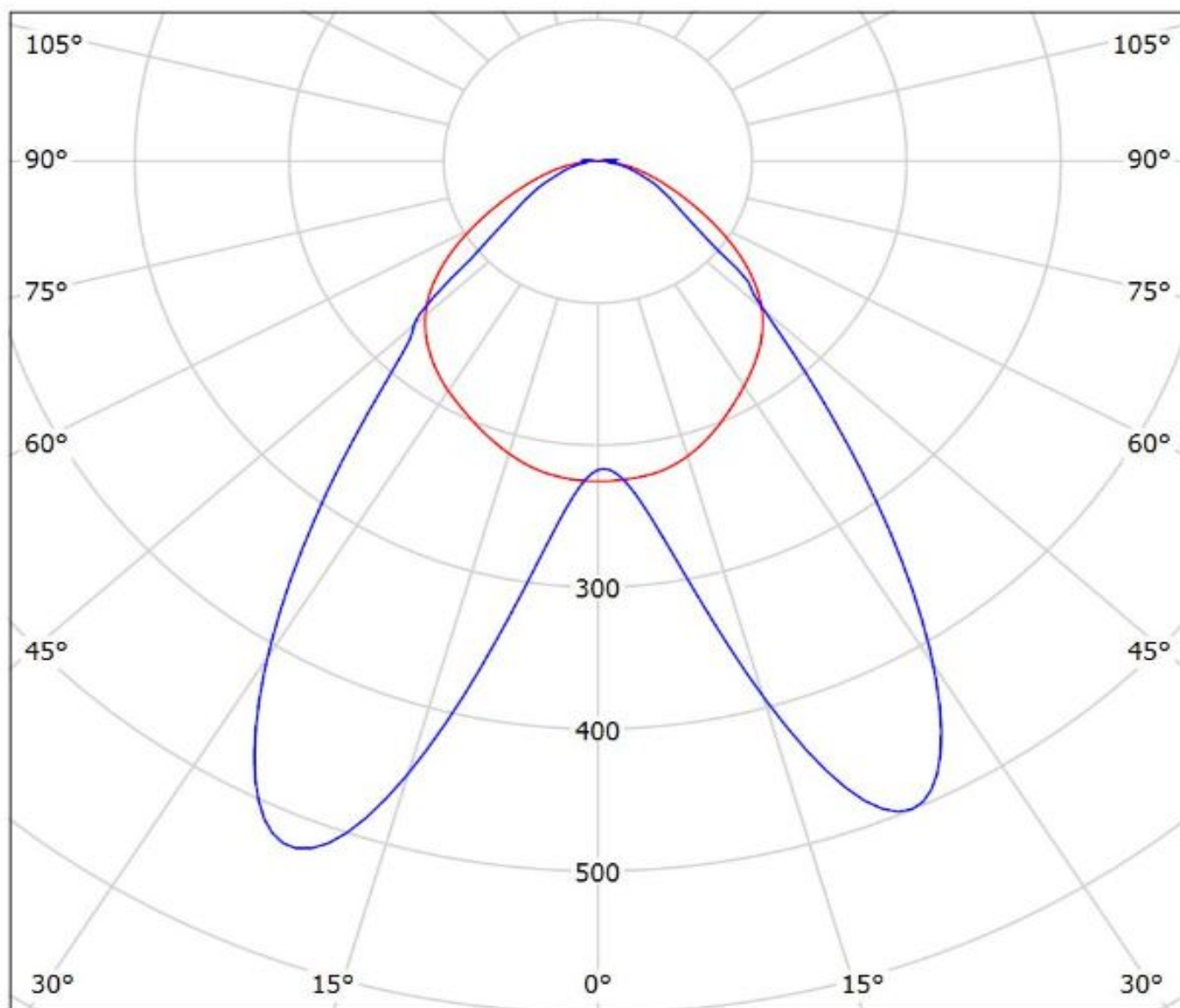
Luminaire: Ledil C14530_FLORENCE-1R-Z2T25_(LM5618+)

Lamps: 1 x Samsung SI-B8T071280LD_LM5618+_1401.55lm@250mA_P=9.185W_I=0.25A



Luminaire: Ledil C14530_FLORENCE-1R-Z2T25_(LM301A)

Lamps: 1 x Samsung_LM301A_x11_(SPMWHT328FD5WAT0S0)_1107.77lm@250mA_P=8.1W_I=0.25A

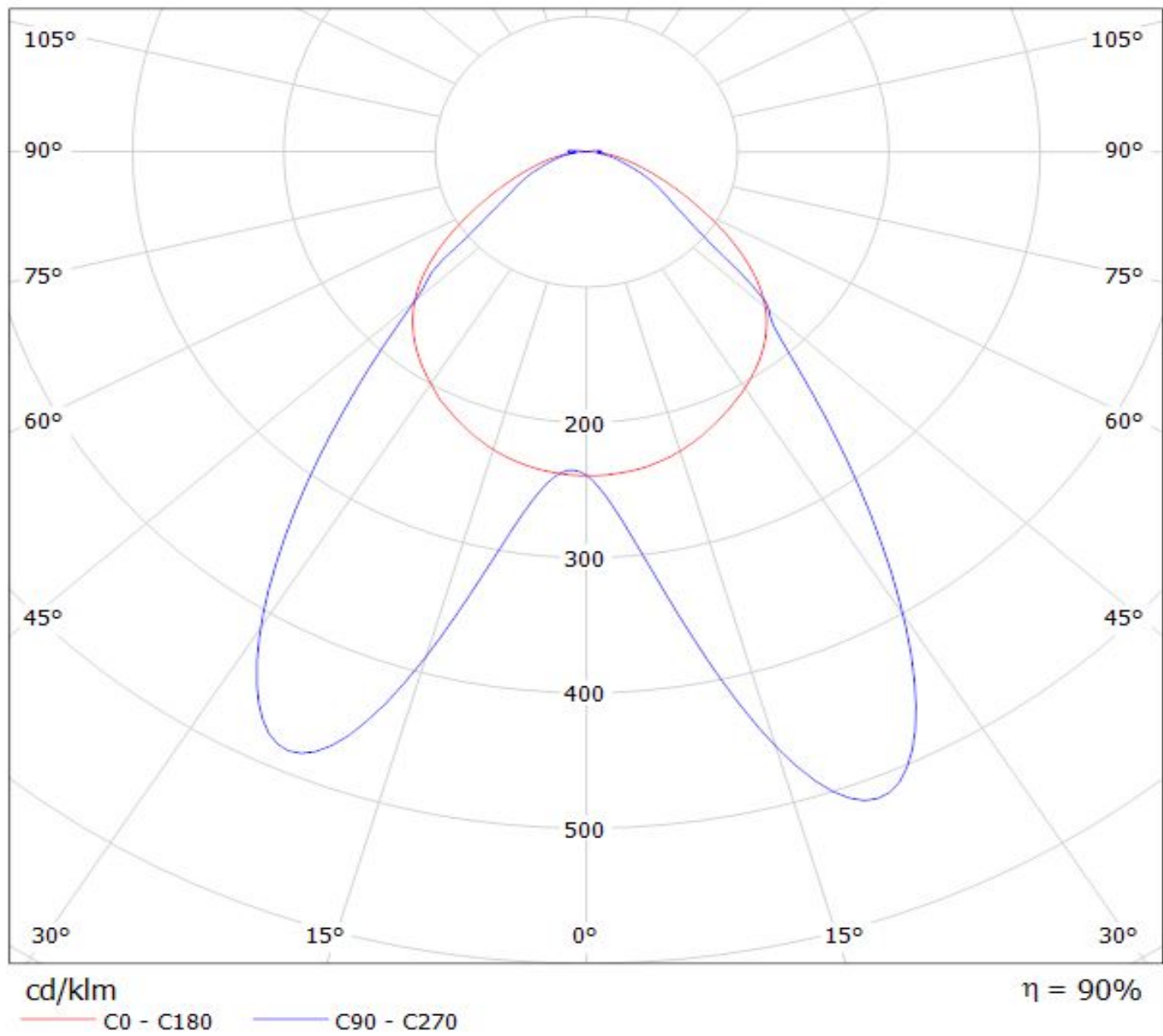


cd/klm

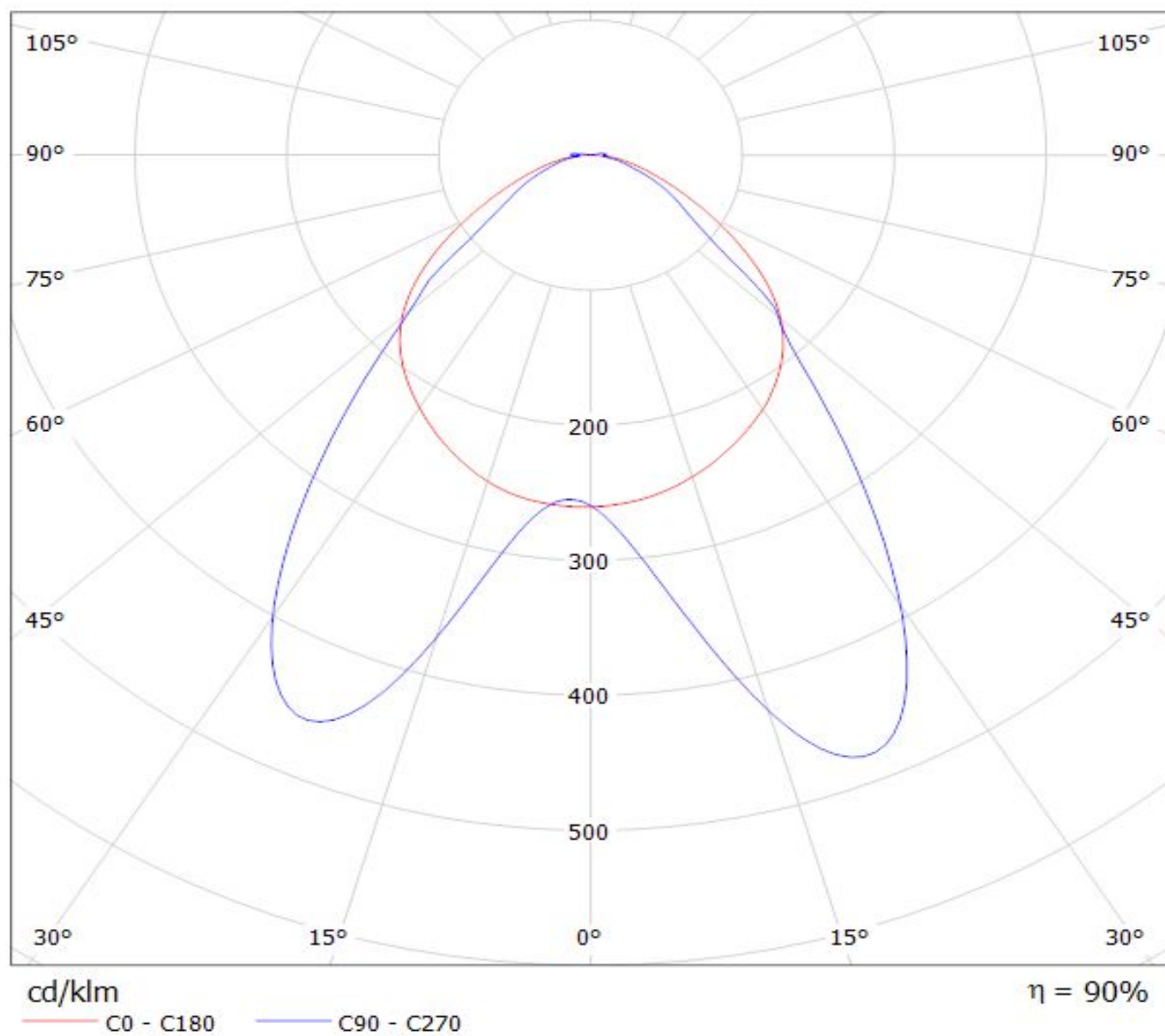
— C0 - C180 — C90 - C270

$\eta = 88\%$

Luminaire: LEDiL Oy C14530_FLORENCE-1R-Z2T25_(LM561C)
Lamps: 1 x Samsung_LM561C_685.154lm@130mA_P=3.9367W_I=0.130A



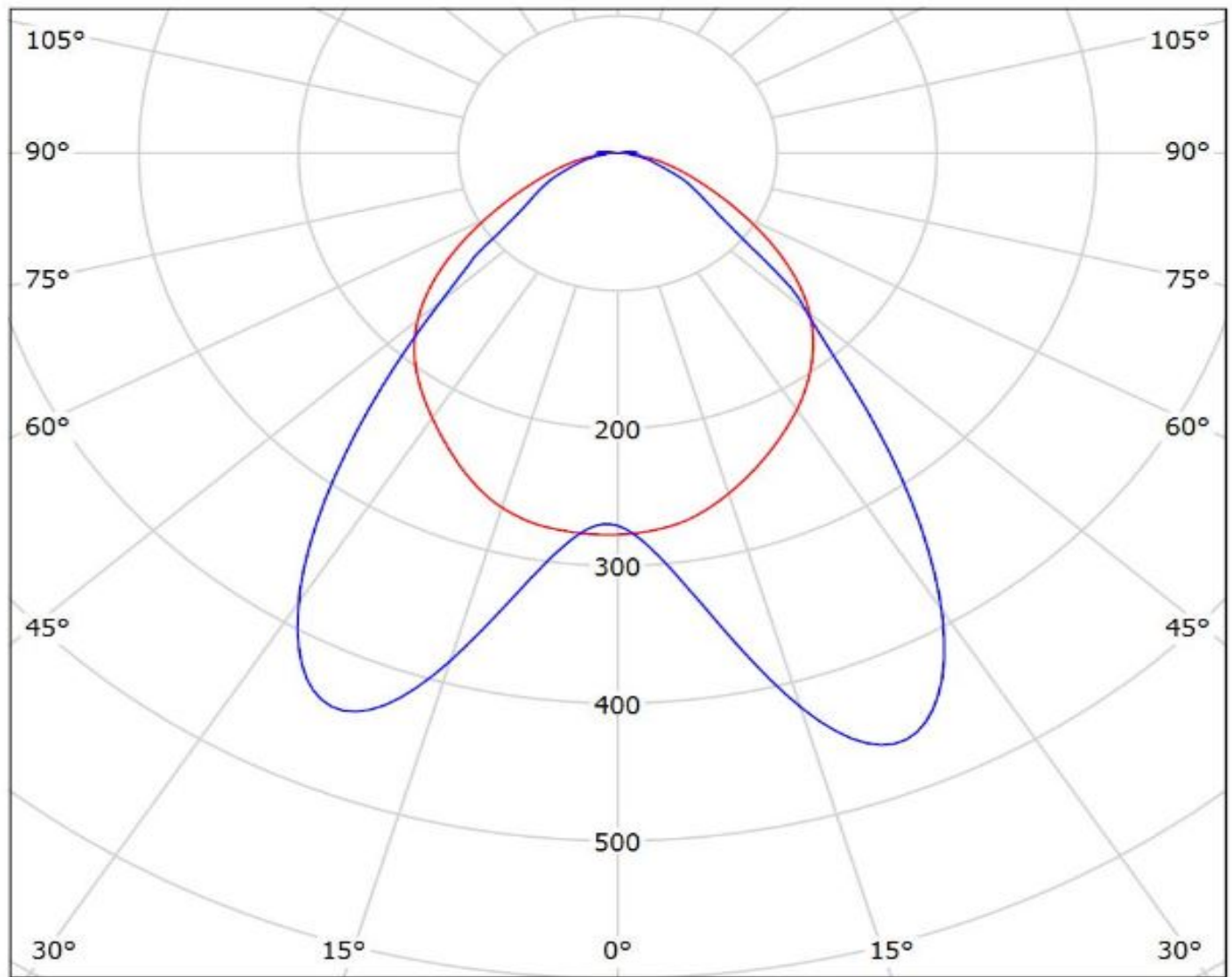
Luminaire: LEDiL Oy C14530_FLORENCE-1R-Z2T25_(LM281B)
Lamps: 1 x Samsung_LM281B_1309.14lm@300mA_P=10.244W_I=0.300A



Ledil C14530_FLORENCE-1R-Z2T25_(Seoul_3030) / LDC (Polar)

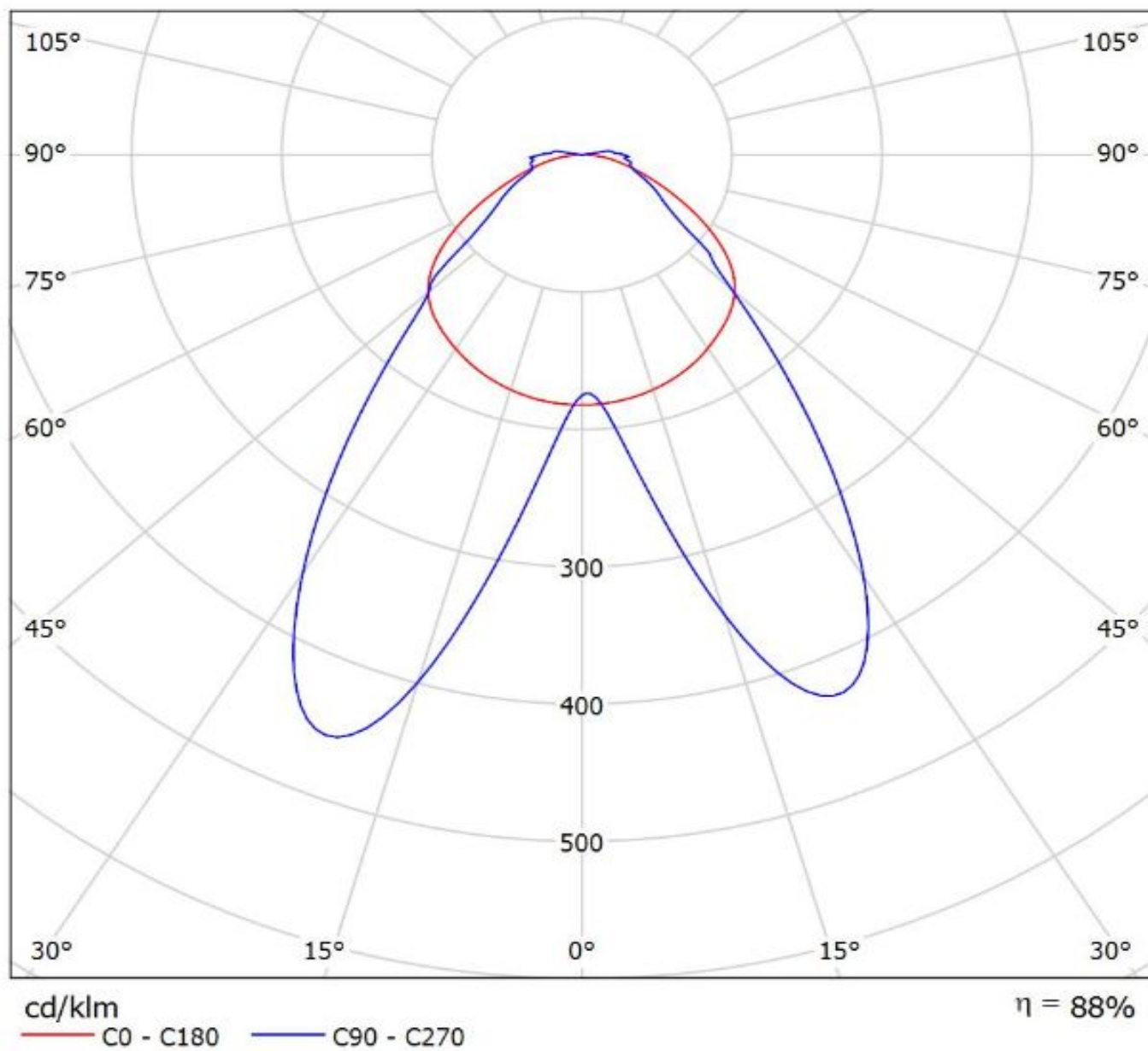
Luminaire: Ledil C14530_FLORENCE-1R-Z2T25_(Seoul_3030)

Lamps: 1 x Seoul_3030_x11_(STW8C2SA)_785.296lm@100mA_P=6.5W_I=0.1A

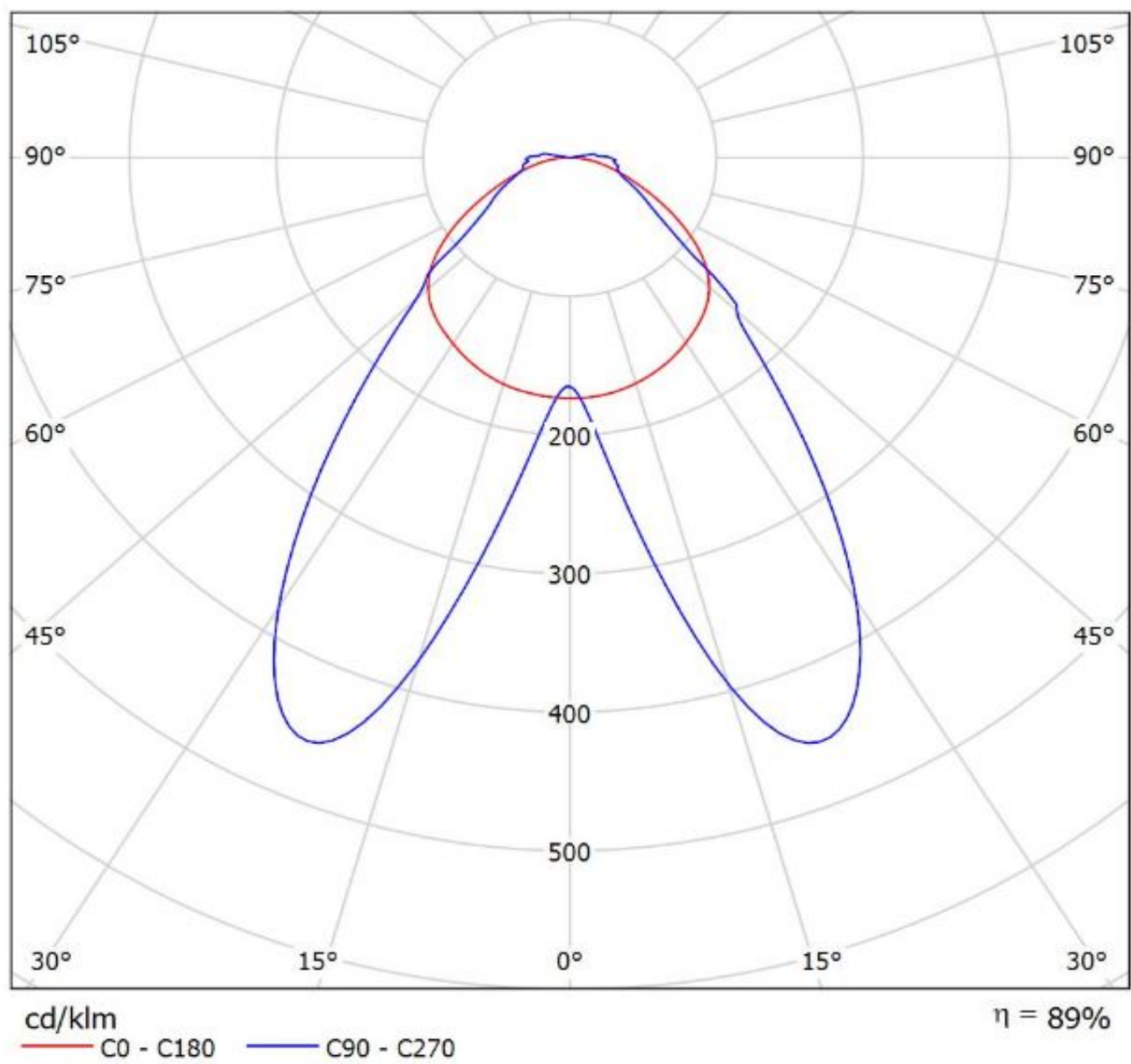


Luminaire: Ledil C14530_FLORENCE-1R-Z2T25_(CALGD0414-M8W1)

Lamps: 1 x Citizen_CALGD0414-M8W1_556.672lm@350mA_P=4.0291W_I=0.3499A



Luminaire: Ledil C14530_FLORENCE-1R-Z2T25_(CALGD0814-M17W1)
Lamps: 1 x Citizen_(CALGD0814-M17W1)_1098.26lm@350mA_P=7.96302W_I=0.3499A



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.