

DETAILS

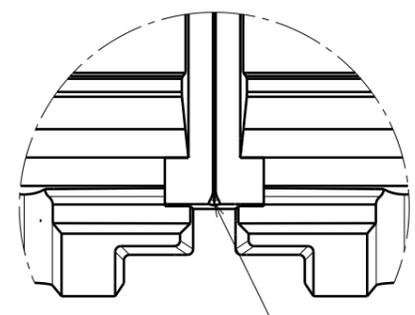
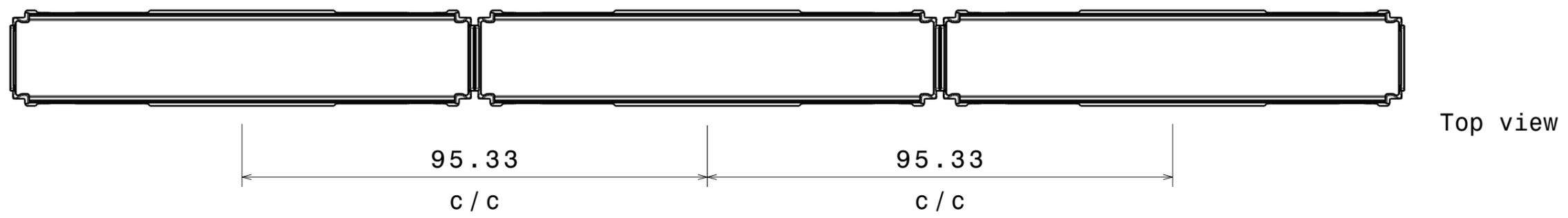
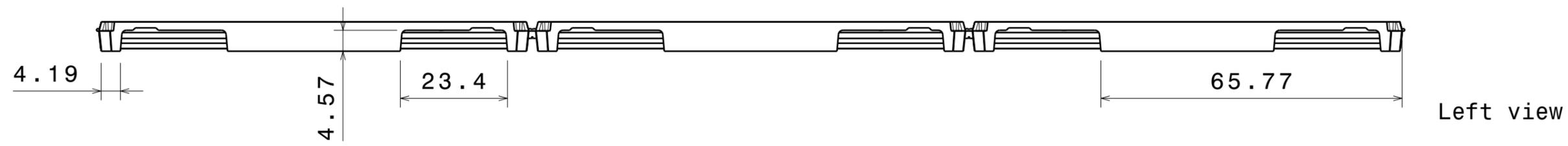
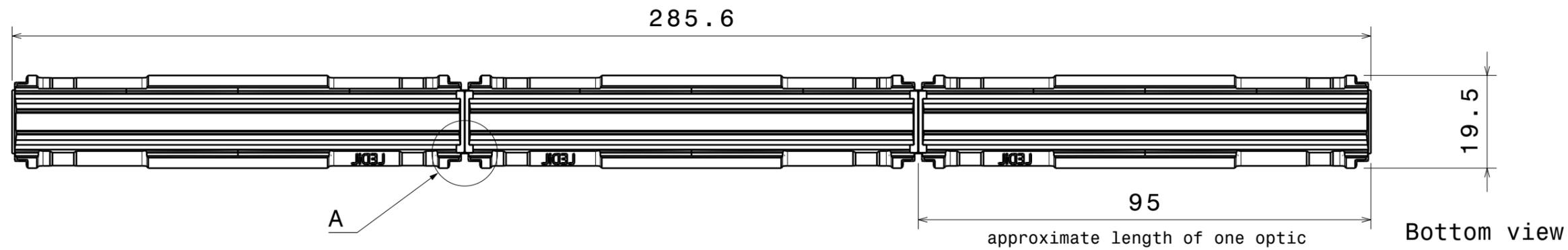
Product Number	C14530_FLORENCE-1R-Z2T25
Family	Florence
Type	Lens
Color	clear
Diameter	19,5 x 286 mm
Height	6,4 mm
Style	rectang
Optic Material	PMMA
Holder Material	
Fastening	
Status	production ready
ROHS Compliant	Yes
Date Updated	20/05/2015



OPTICAL PROPERTIES

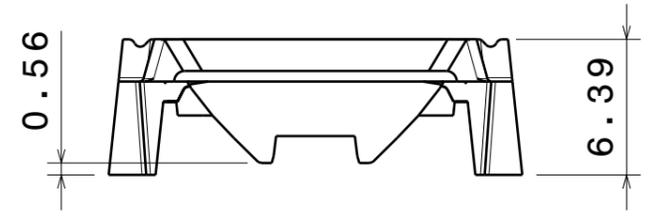
LED	Viewing Angle	Light Beam	Efficiency	cd/lm	Connector
L0-280024-xxx-C0800-L267	asymmetric deg	Asymmetric	87 %	0.420	-
XH-B/G	Asymmetric deg	Asymmetric	87 %	0.410	-
LG 5630	sim: Asymmetric	Asymmetric	sim: 86 %	-	-
LUXEON 3535L	asymmetric deg	Asymmetric	90 %	0.470	-
LUXEON 3030 2D	Asymmetric deg	Asymmetric	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	-
Fortimo LED Line 1ft 1100lm xx0 1R xV2	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	-
SEOUL 3030	asymmetric deg	Asymmetric	88 %	0.460	-
CALGD0414-M8W1	asymmetric deg	Asymmetric	88 %	0.460	-
CALGD0814-M17W1	asymmetric deg	Asymmetric	88 %	0.460	-

H G F E D C B A



Detail A
Scale: 4:1

Snapping point *



Front view
Scale: 3:1

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

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:

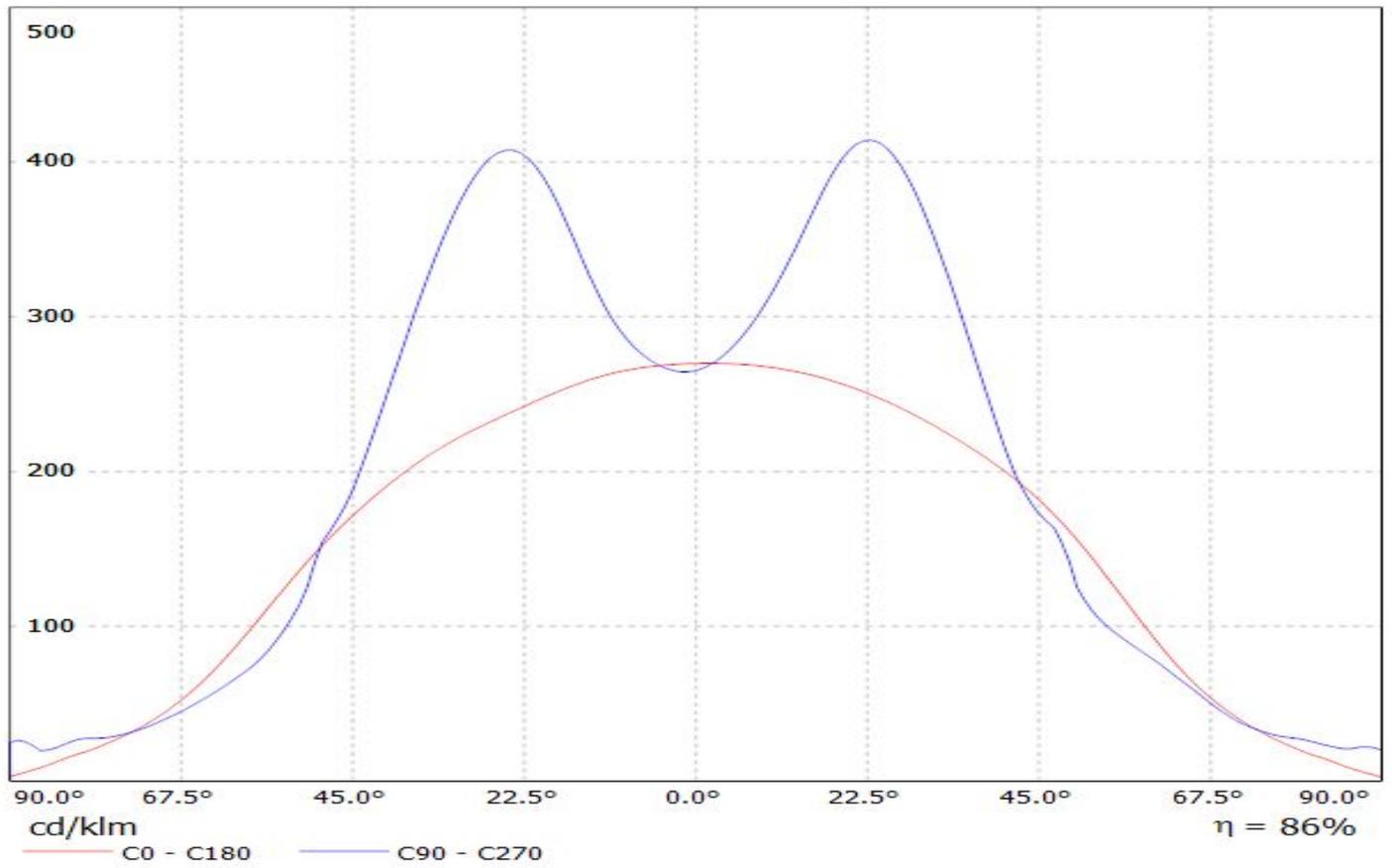
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INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	C14530	FLORENCE - 1R - Z2T25	PMMA	clear
		LediL Oy Salorankatu 10 FIN 24240 SALO Finland		
DRAWING TITLE C14530_FLORENCE - 1R - Z2T25				
SIZE	PART NUMBER			
A3	C14530			
SCALE	1:1	WEIGHT	21,58 g	SHEET 1/1

H G B A

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

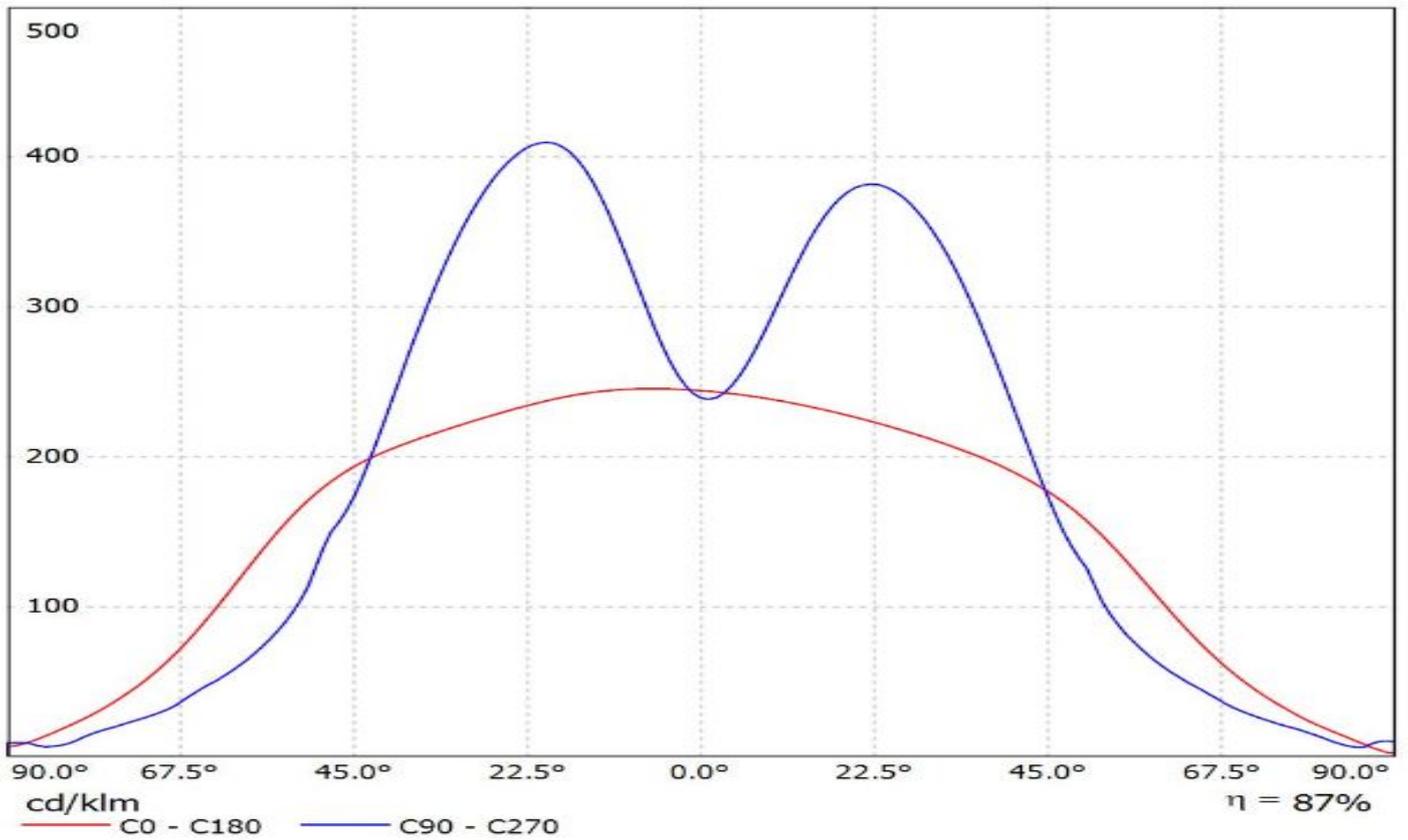
Lamps: 1 x CeZos_(L0-280024-xxx-C0800-L267)_1346.29lm@250mA_CCT=3000K_P=8.5017W_I=0.25A



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

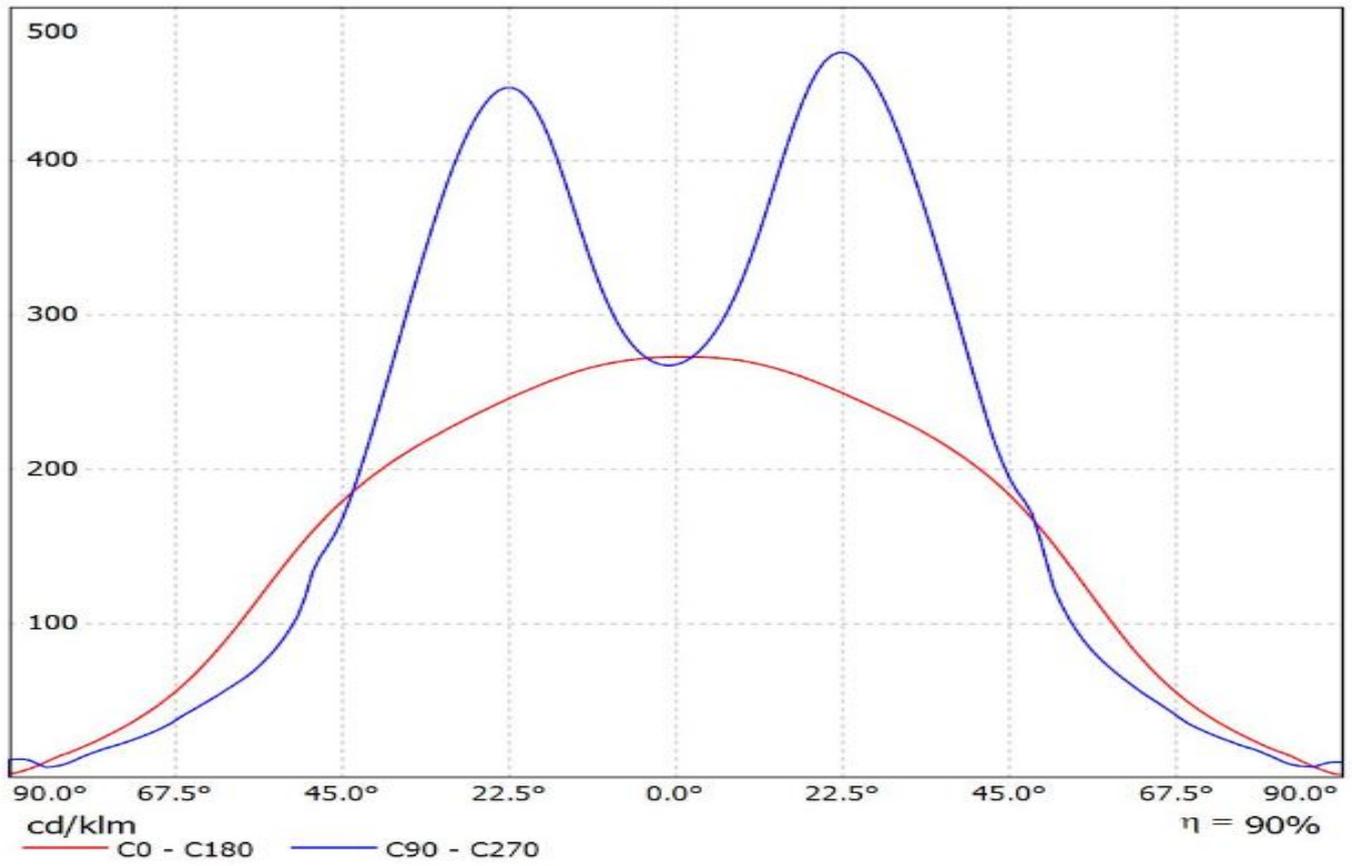
Luminaire: Ledil C14530_FLORENCE-1R-Z2T25_(XH-B)

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

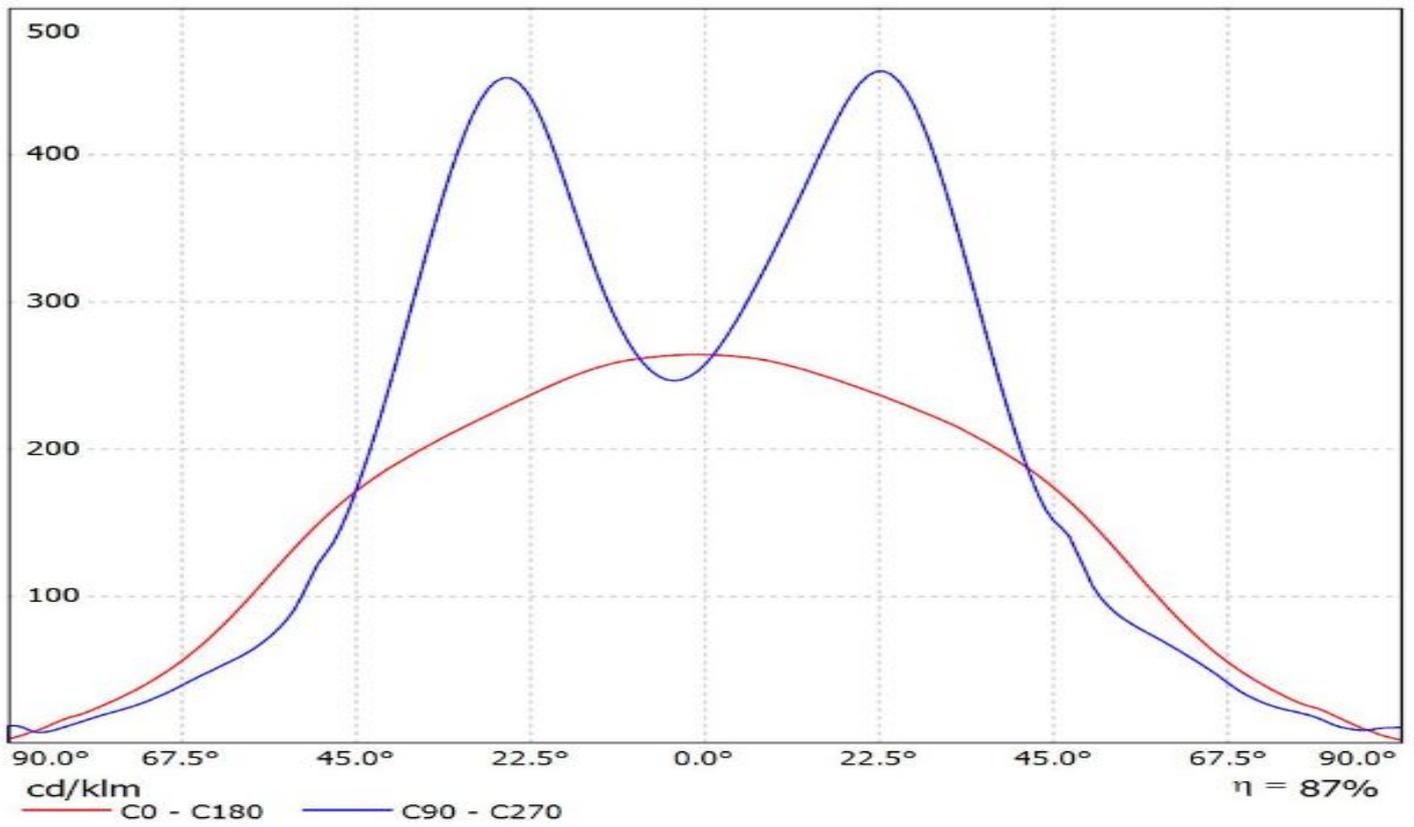


Ledil C14530_FLORENCE-1R-Z2T25_(Luxeon_3030_2D) / LDC (Linear)

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

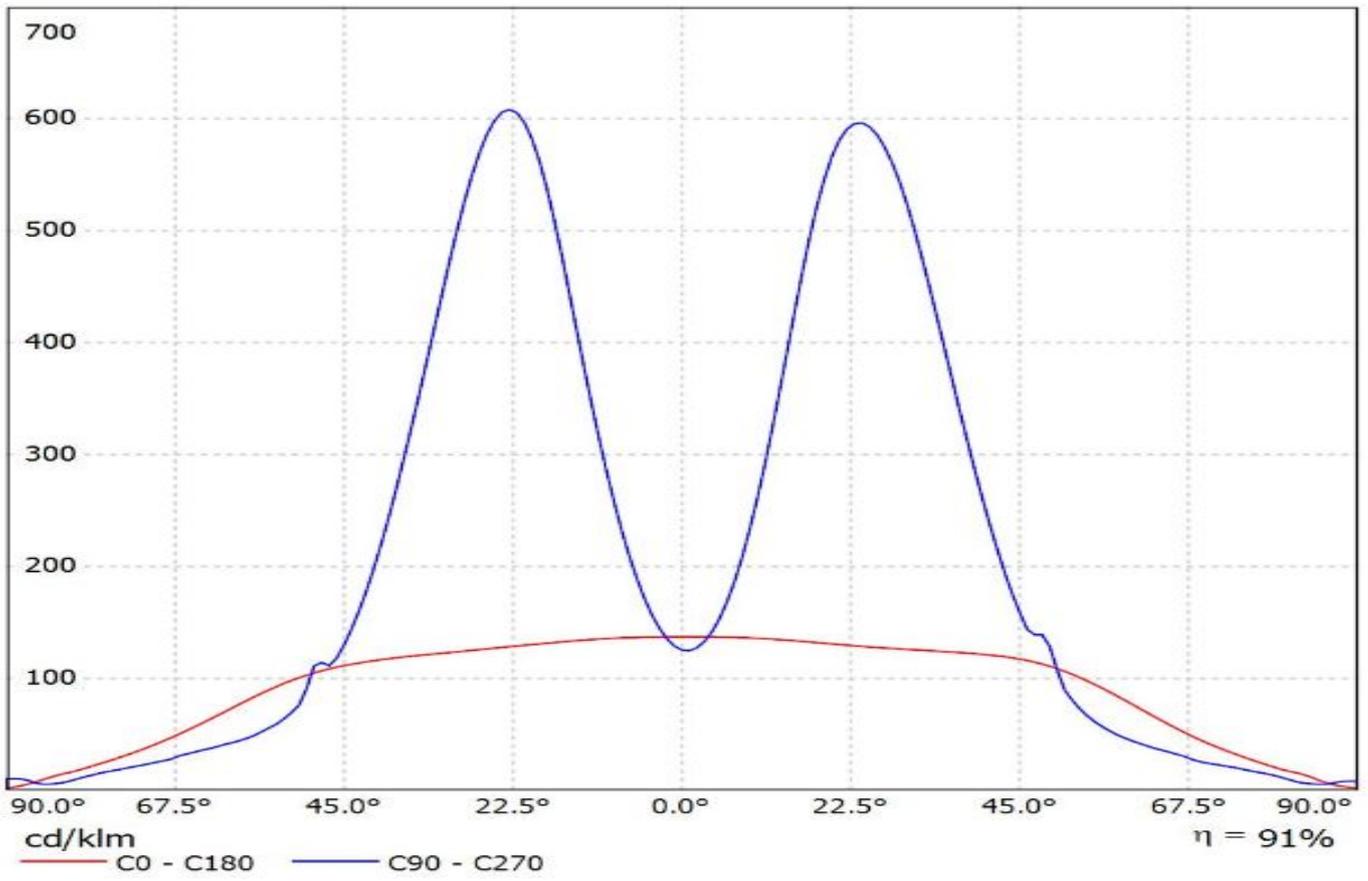
Lamps: 1 x Luxeon_3030_2D_x22_(L130-4080003000W21)

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



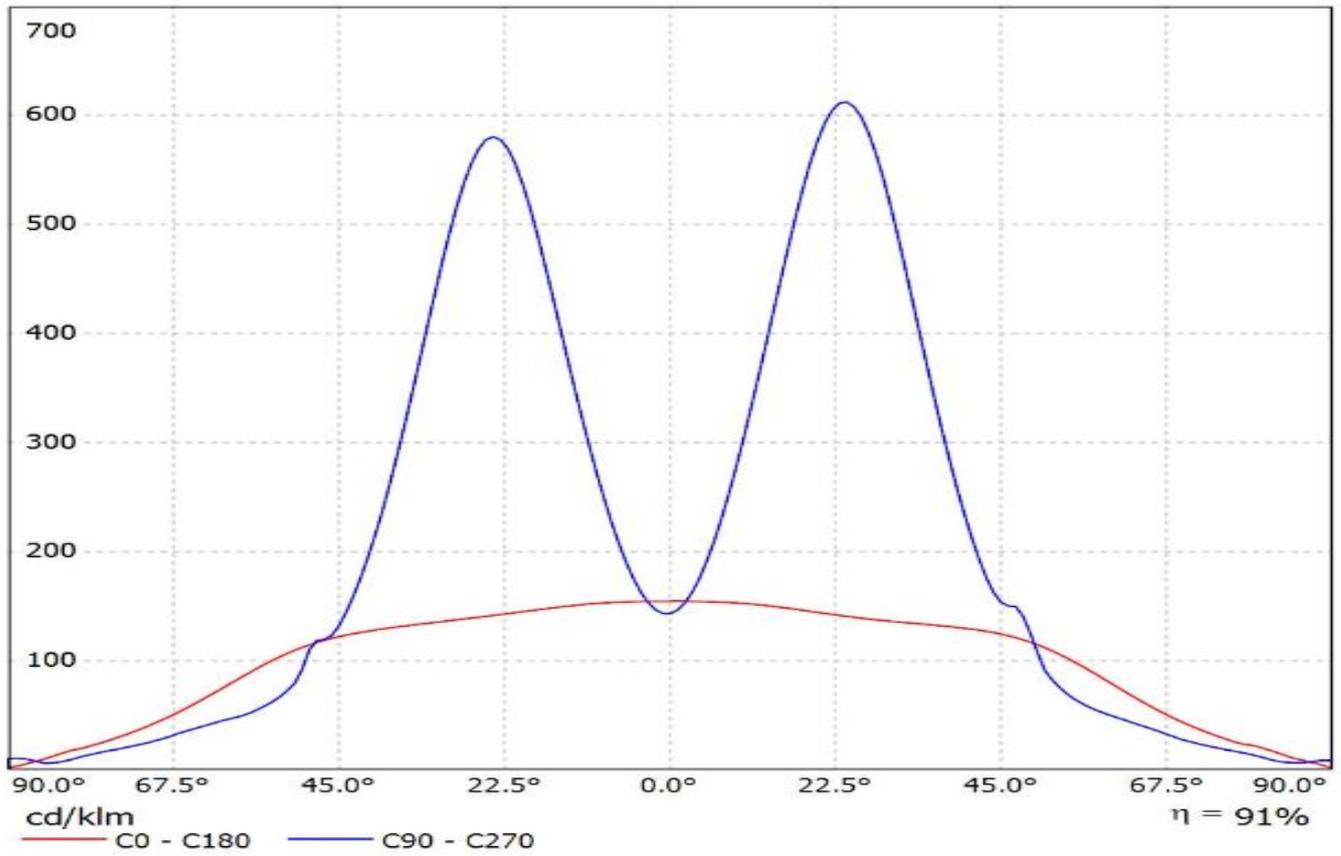
Luminaire: Ledil C14530_FLORENCE-1R-Z2T25_(3014_x22)

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



Luminaire: Ledil C14530_FLORENCE-1R-Z2T25_(3020)

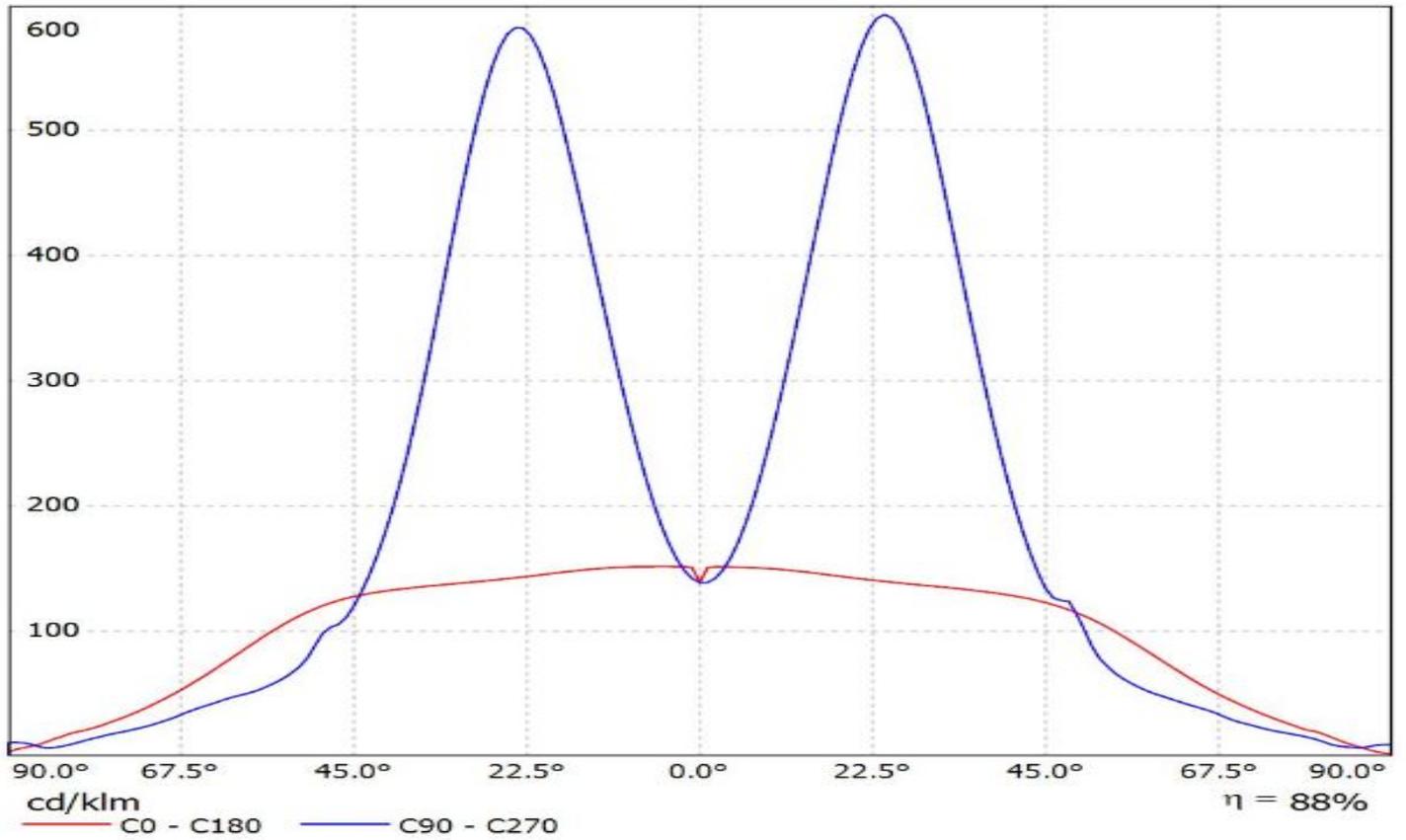
Lamps: 1 x Luxeon_3020_x22_(L130-2780)_488.066lm@120mA_P=3.7731W_I=0.120mA



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

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

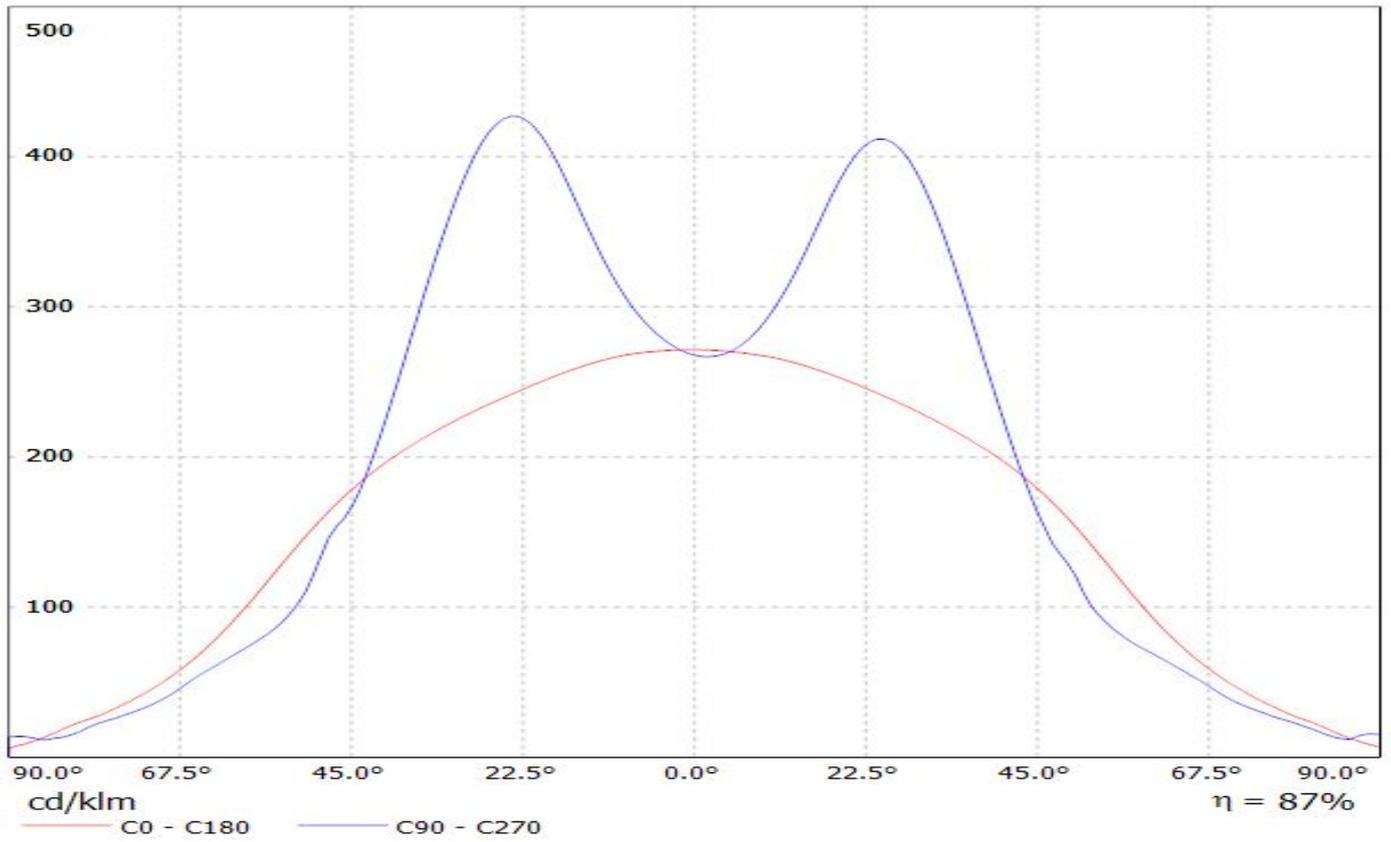
Lamps: 1 x Luminus_MP-2016_1x22_(LUMMP-1100-30-80)_471.904lm@120mA_P=4W_I=0.12A



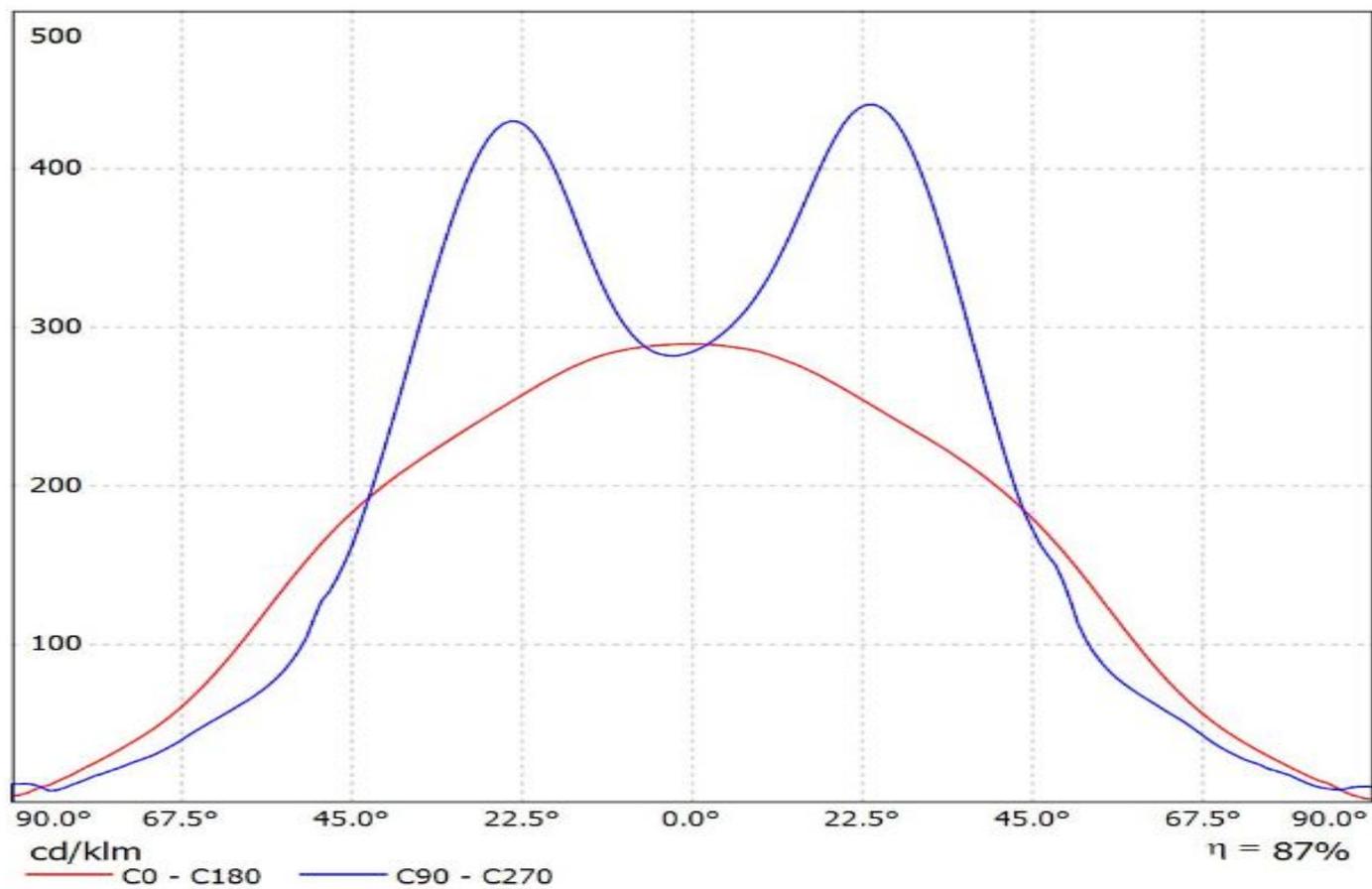
Ledil C14530_FLORENCE-1R-Z2T25_(NF2x757D) / LDC (Linear)

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

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

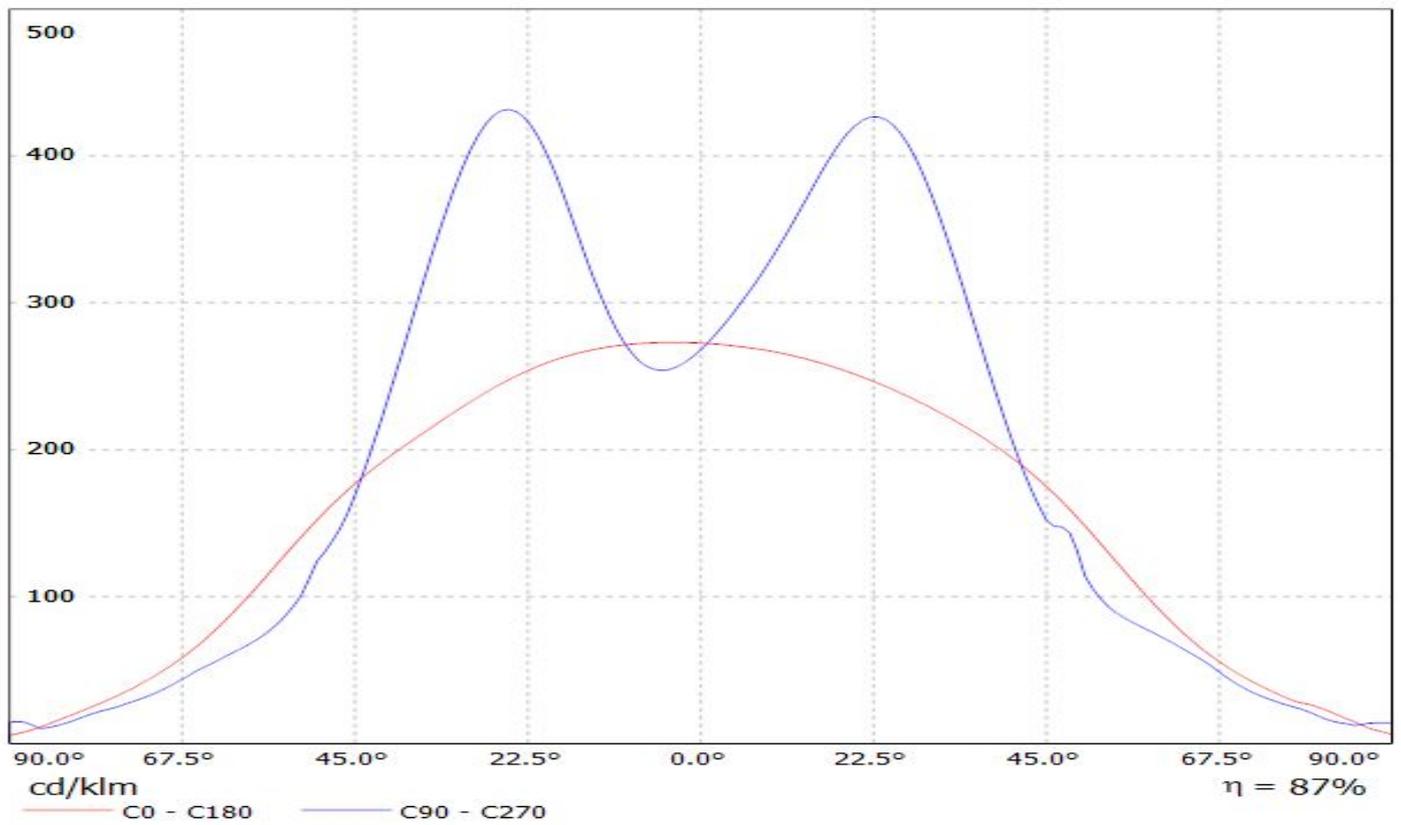


Luminaire: Ledil C14530_FLORENCE-1R-Z2T25_(NF2W757G)
Lamps: 1 x NF2W757G_377.885lm@65mA_CCT=?K_P=1.97W_I=0.065A



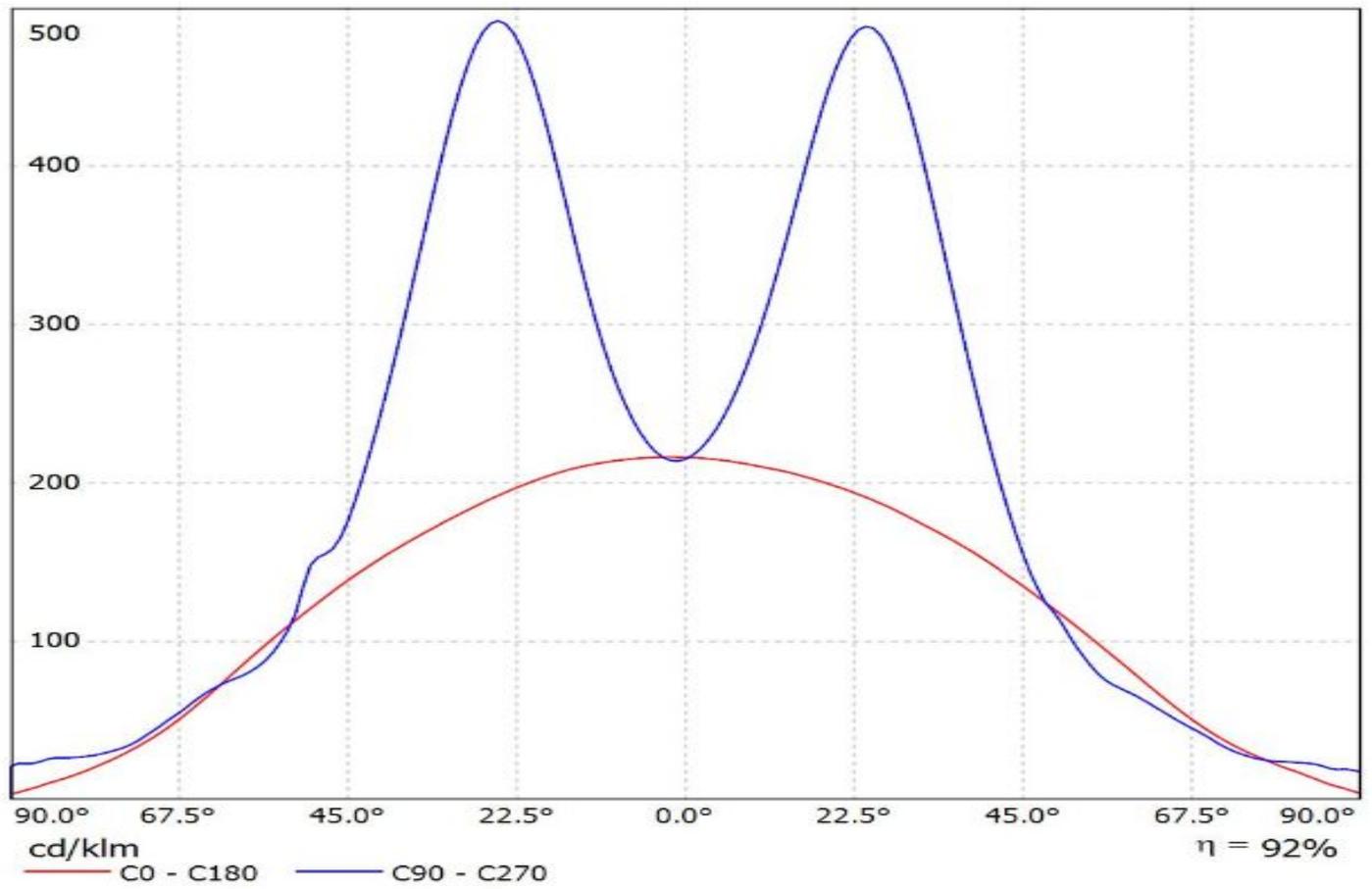
Ledil C14530_FLORENCE-1R-Z2T25_(Duris_S5) / LDC (Linear)

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

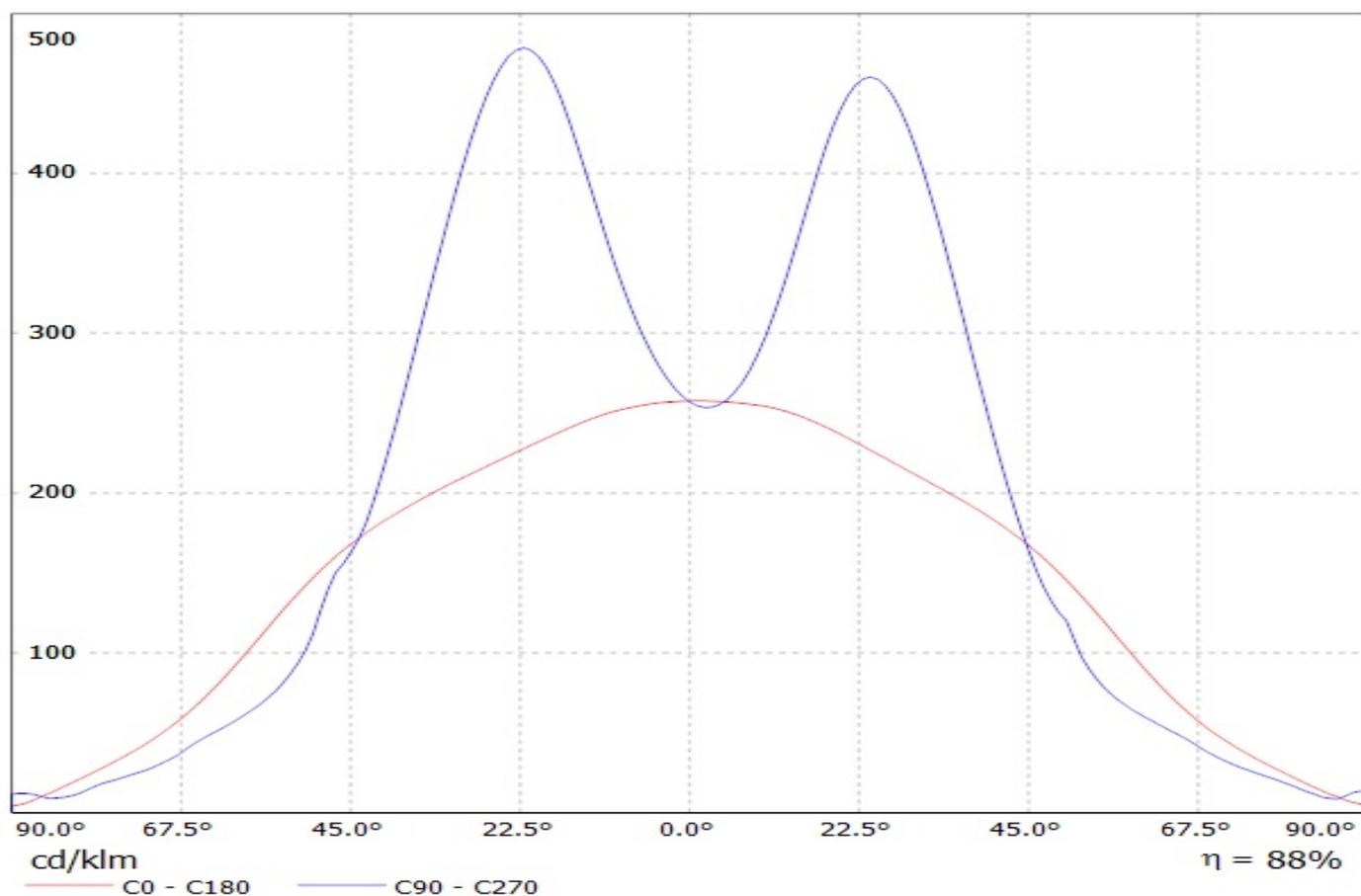


Luminaire: LEDiL Oy C14530_FLORENCE-1R-Z2T25_(Fortimo)

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

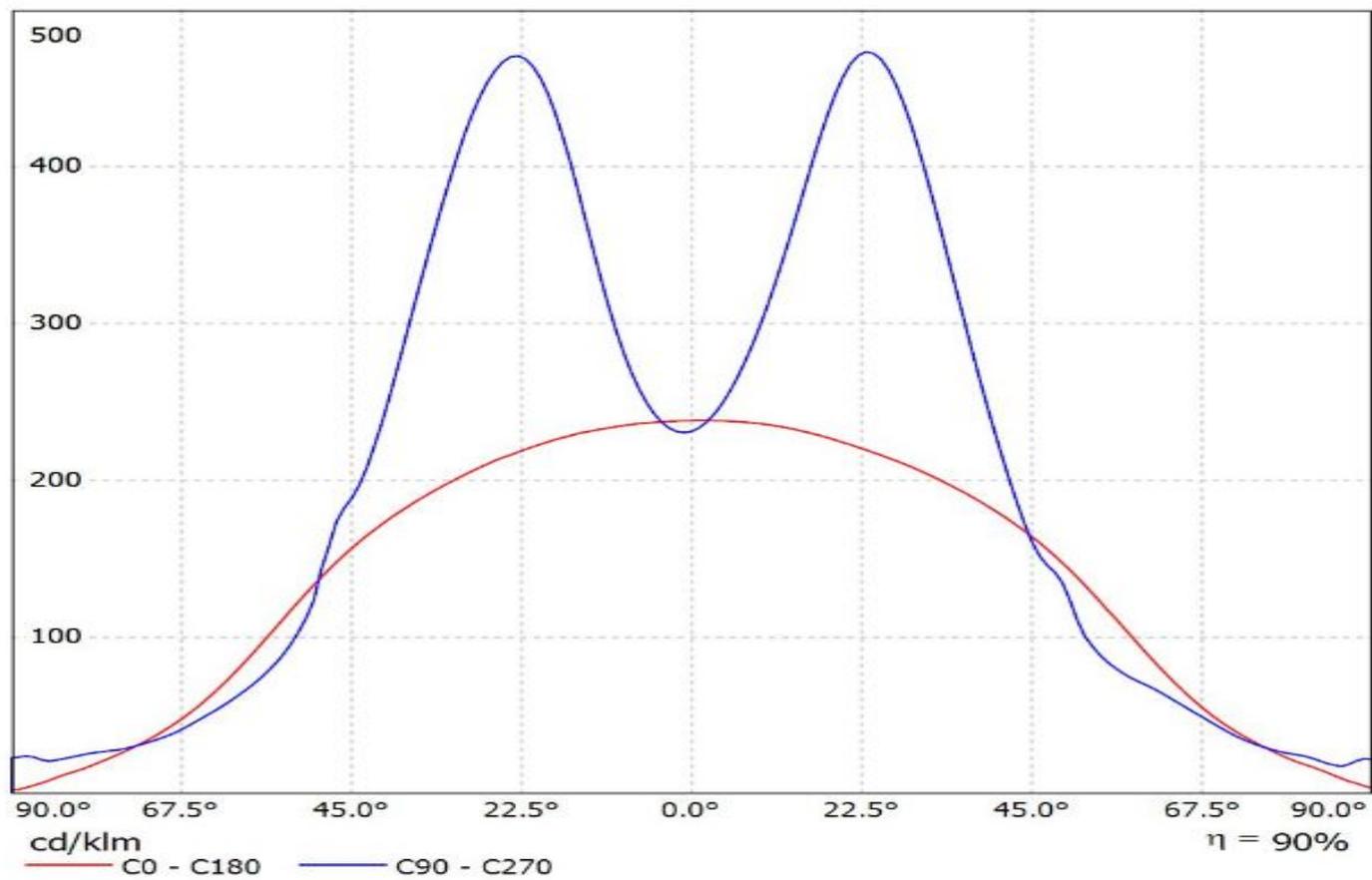


Luminaire: LEDiL Oy C14530_FLORENCE-1R-Z2T25_(LM302A)
Lamps: 1 x Samsung_LM302A_865.46lm@100mA_P=6.64694W_I=0.1001A



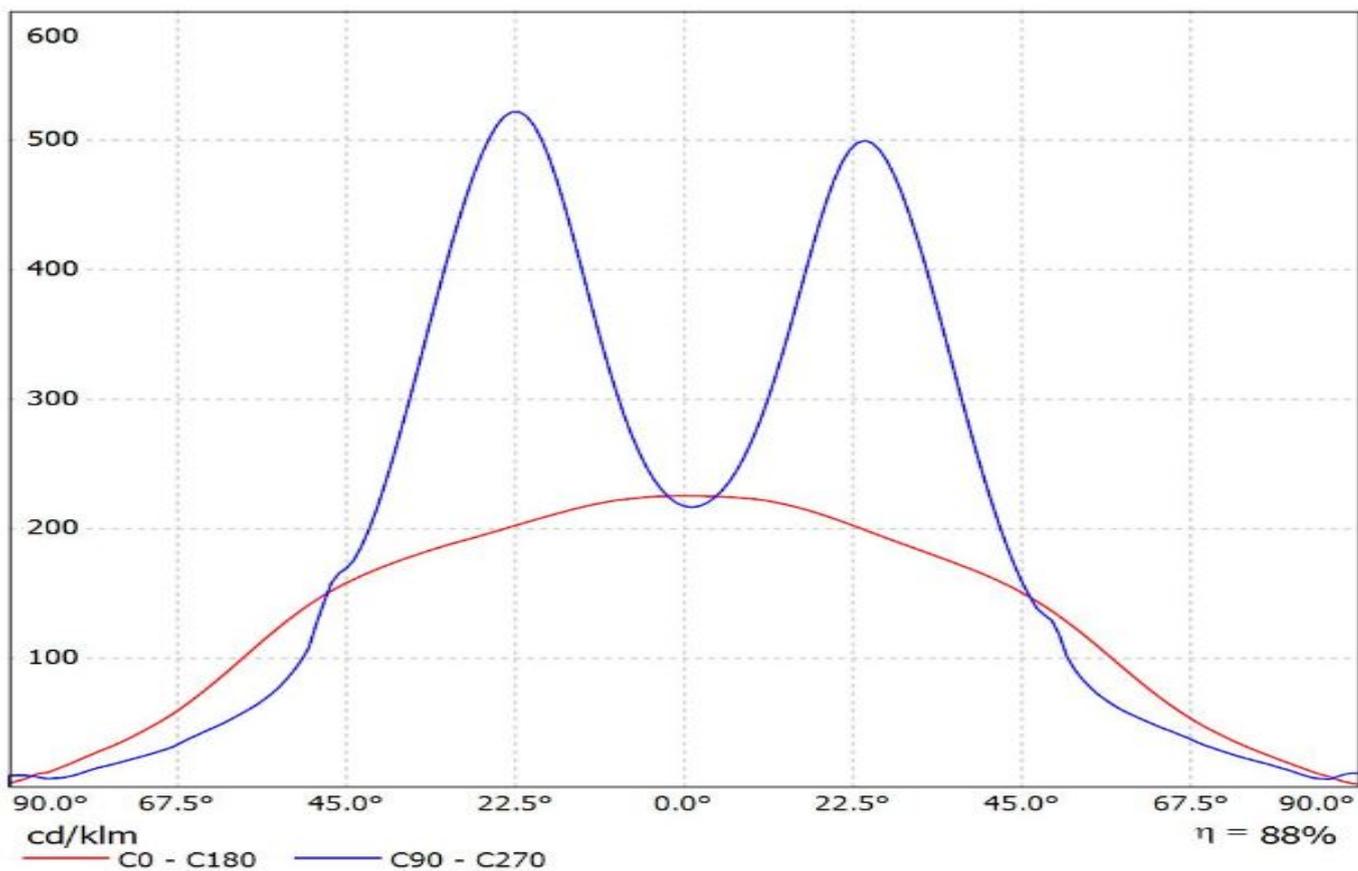
Luminaire: Ledil C14530_FLORENCE-1R-Z2T25_(LM5618+)

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

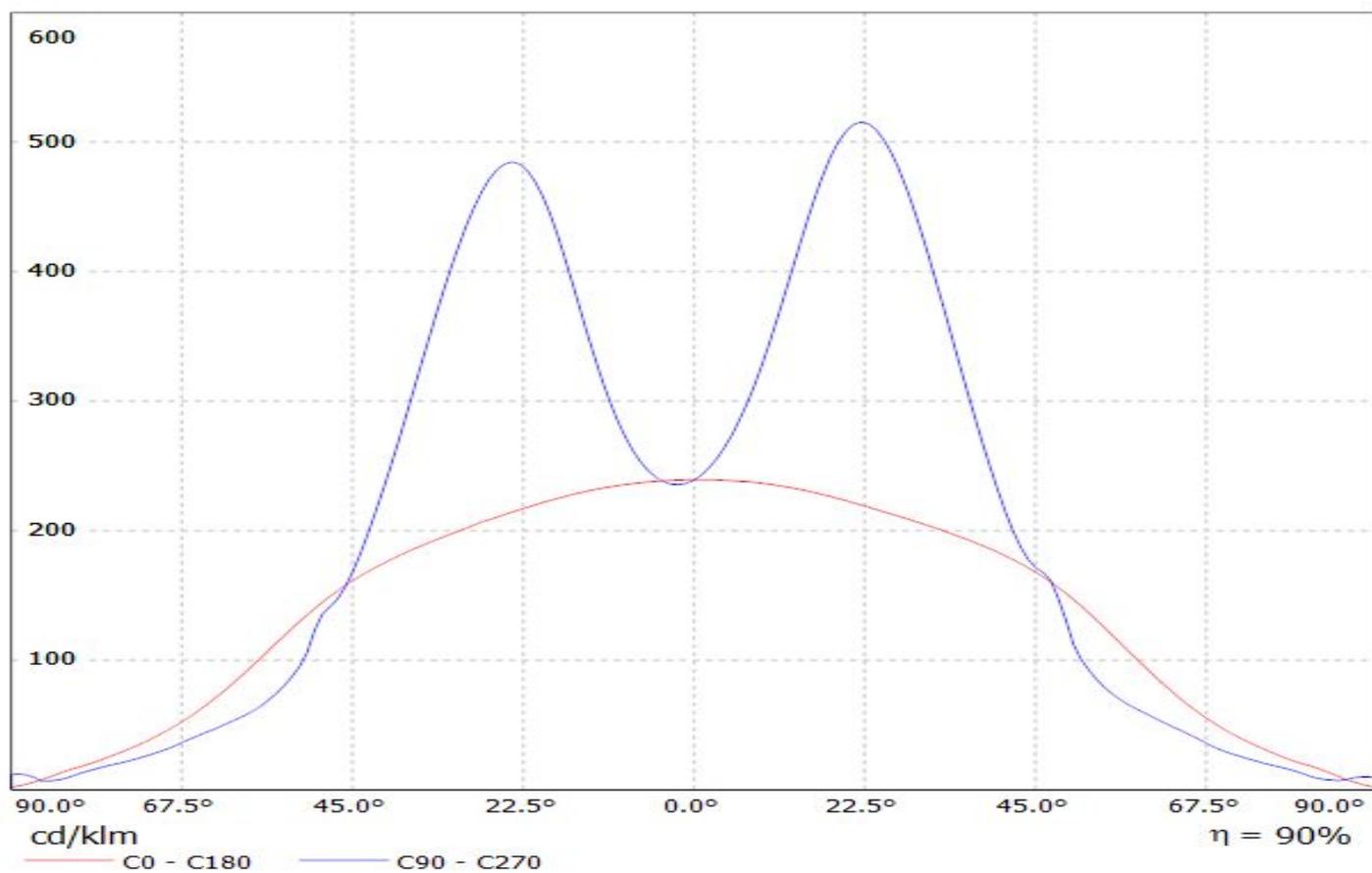


Luminaire: Ledil C14530_FLORENCE-1R-Z2T25_(LM301A)

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



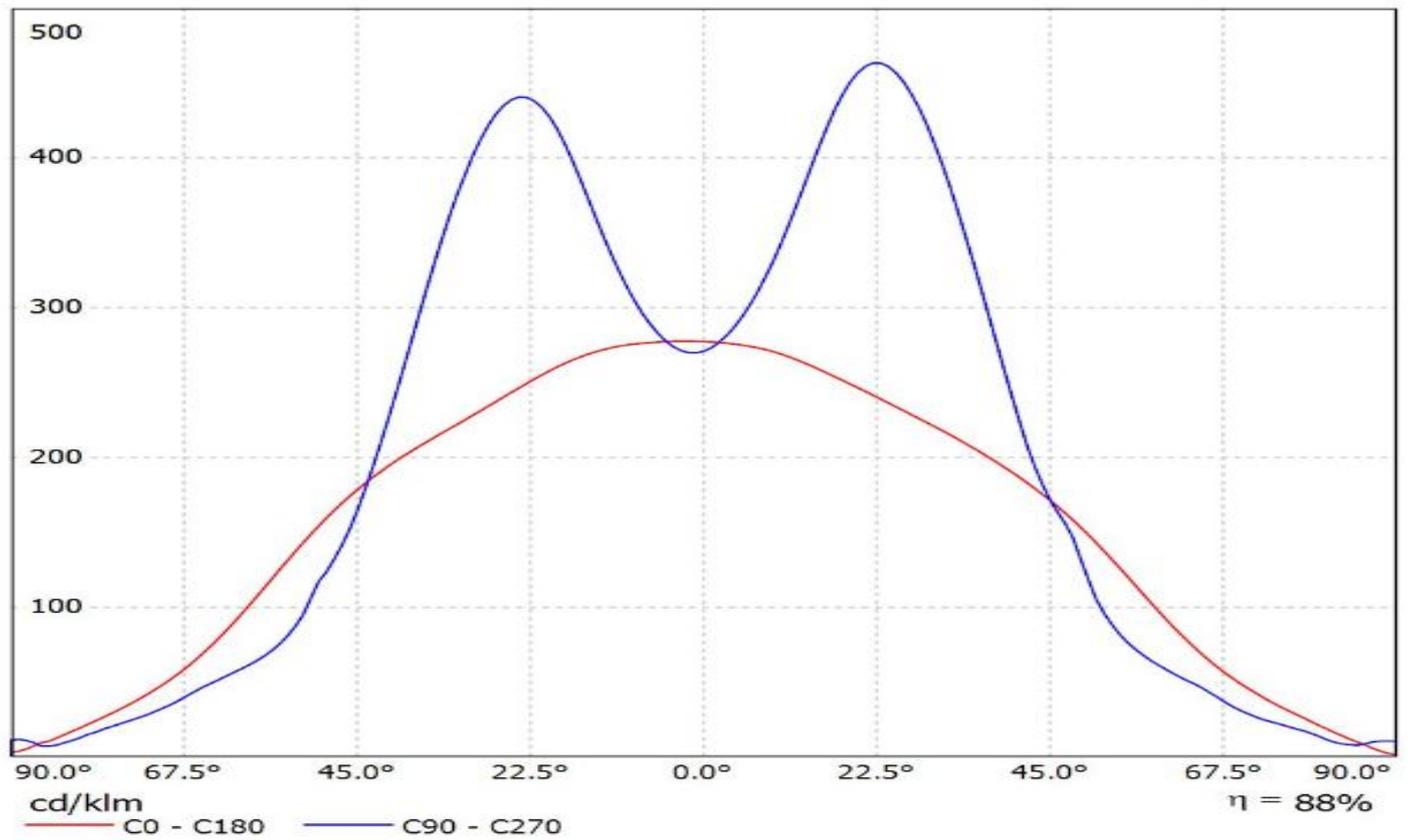
Luminaire: LEDiL Oy C14530_FLORENCE-1R-Z2T25_(LM561C)
Lamps: 1 x Samsung_LM561C_685.154lm@130mA_P=3.9367W_I=0.130A



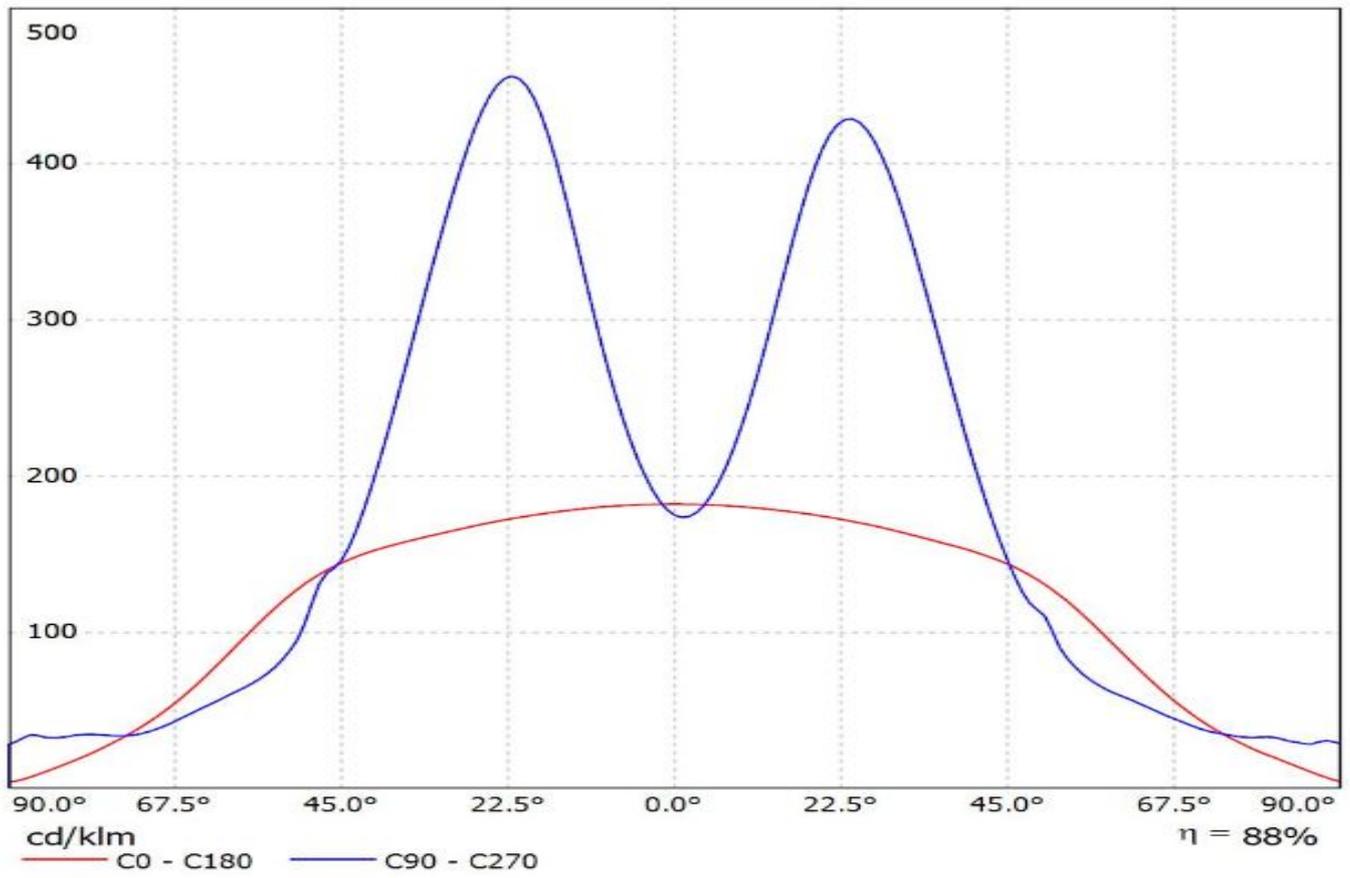
Ledil C14530_FLORENCE-1R-Z2T25_(Seoul_3030) / LDC (Linear)

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

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

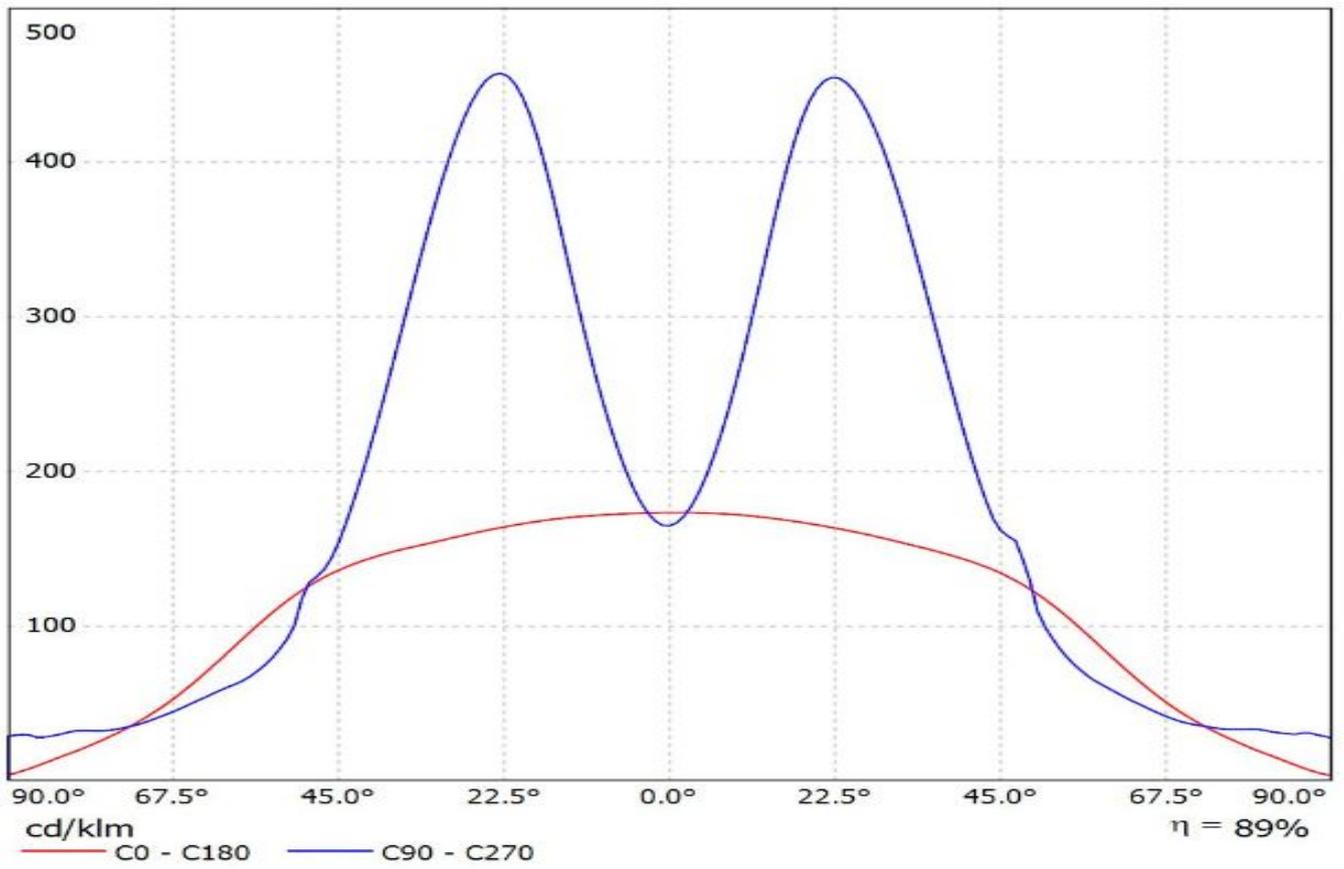


Luminaire: Ledil C14530_FLORENCE-1R-Z2T25_(CALGD0414-M8W1)
Lamps: 1 x Citizen_CALGD0414-M8W1_556.672lm@350mA_P=4.0291W_I=0.3499A



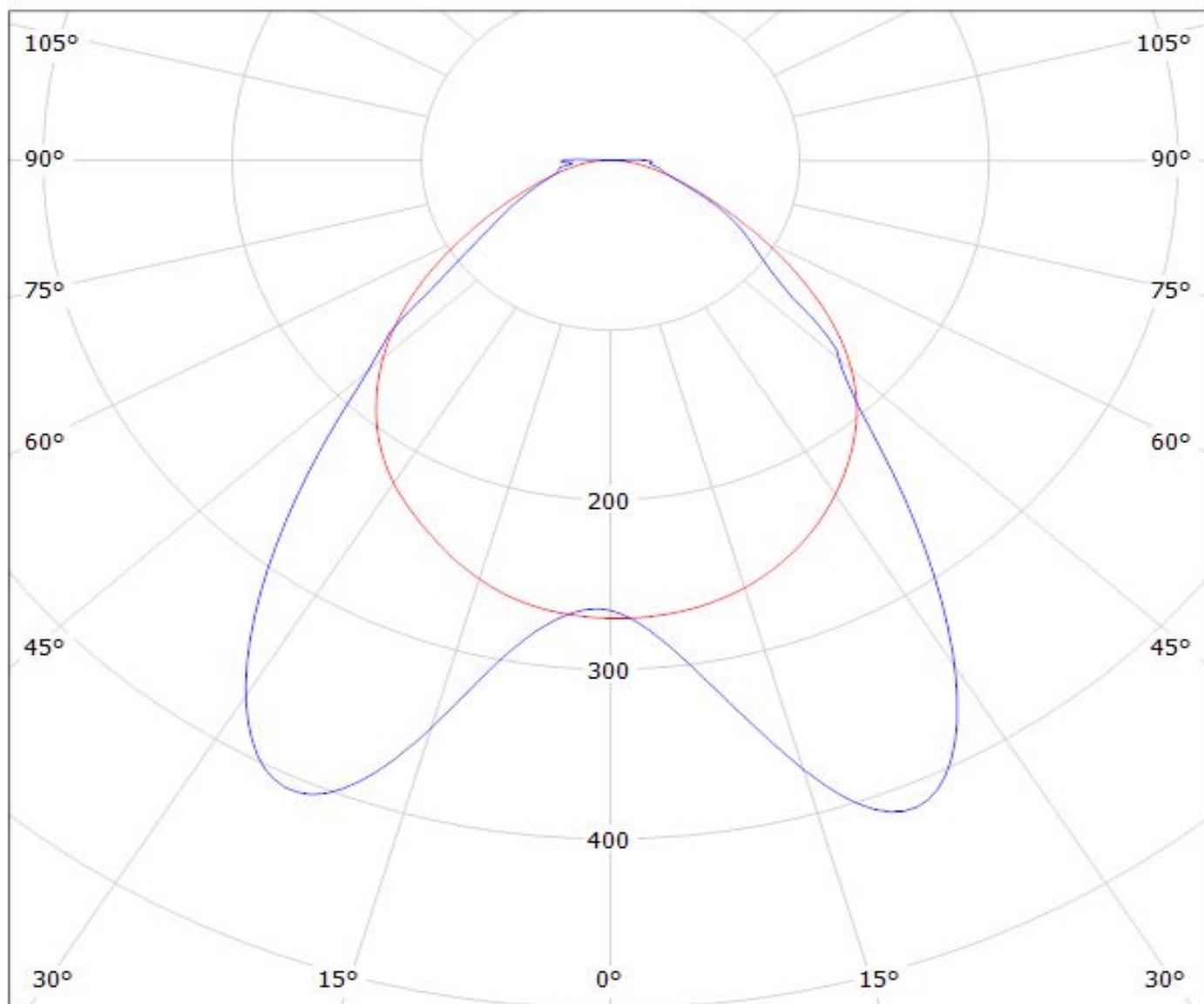
Luminaire: Ledil C14530_FLORENCE-1R-Z2T25_(CALGD0814-M17W1)

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



cd/klm

— C0 - C180

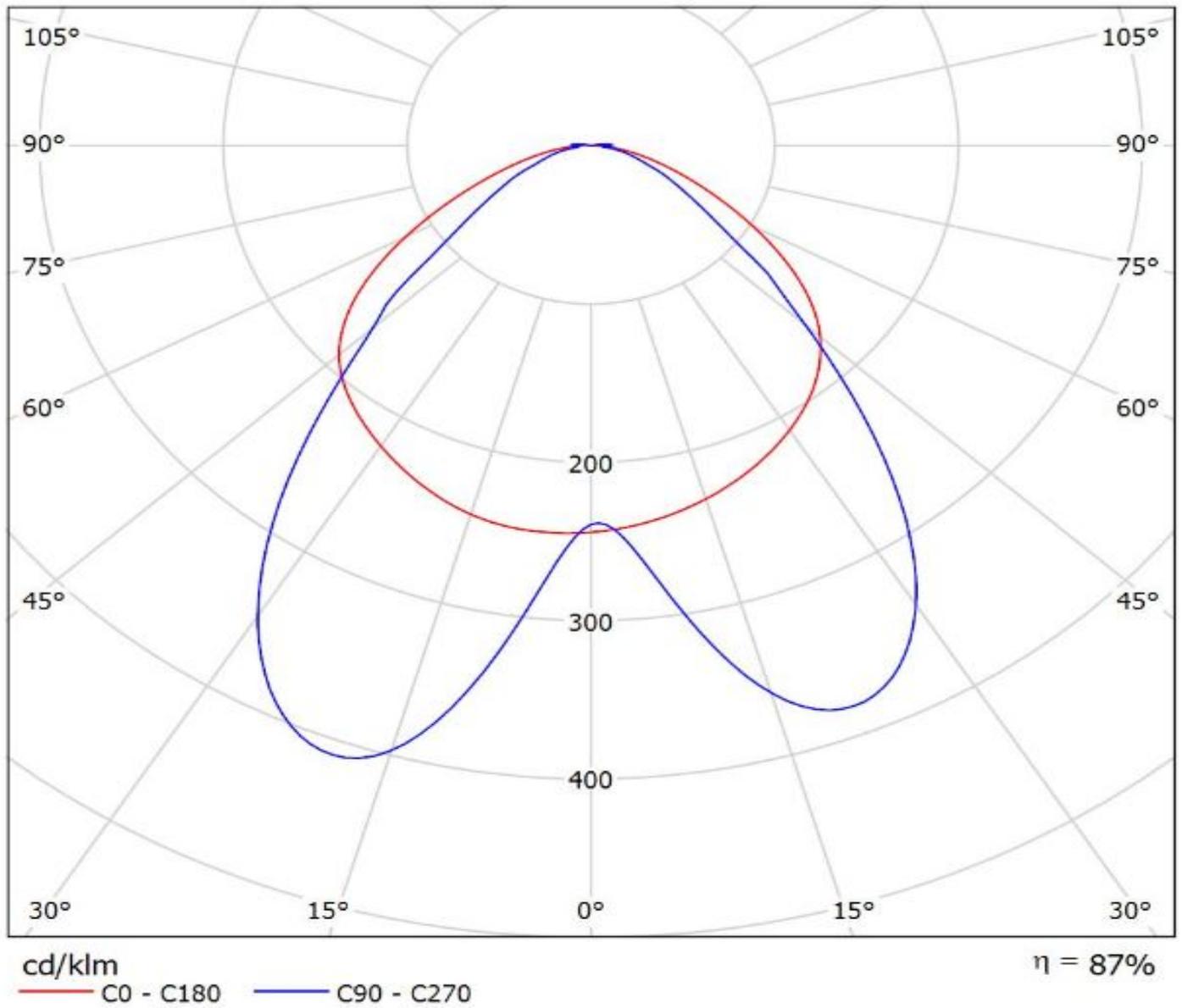
— C90 - C270

$\eta = 86\%$

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

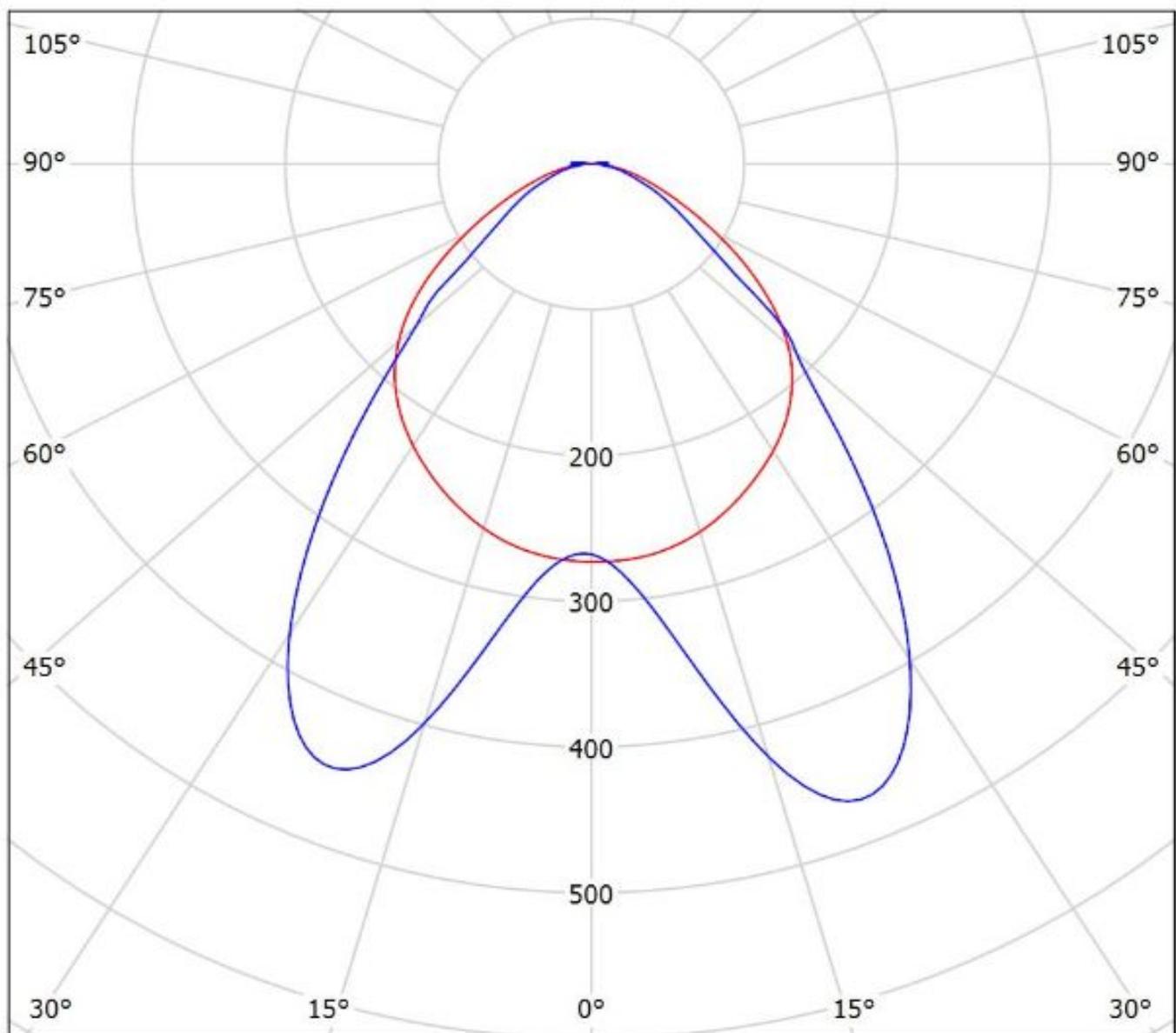
Luminaire: Ledil C14530_FLORENCE-1R-Z2T25_(XH-B)

Lamps: 1 x Cree_XH-B_x22_(XHBAAWT-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



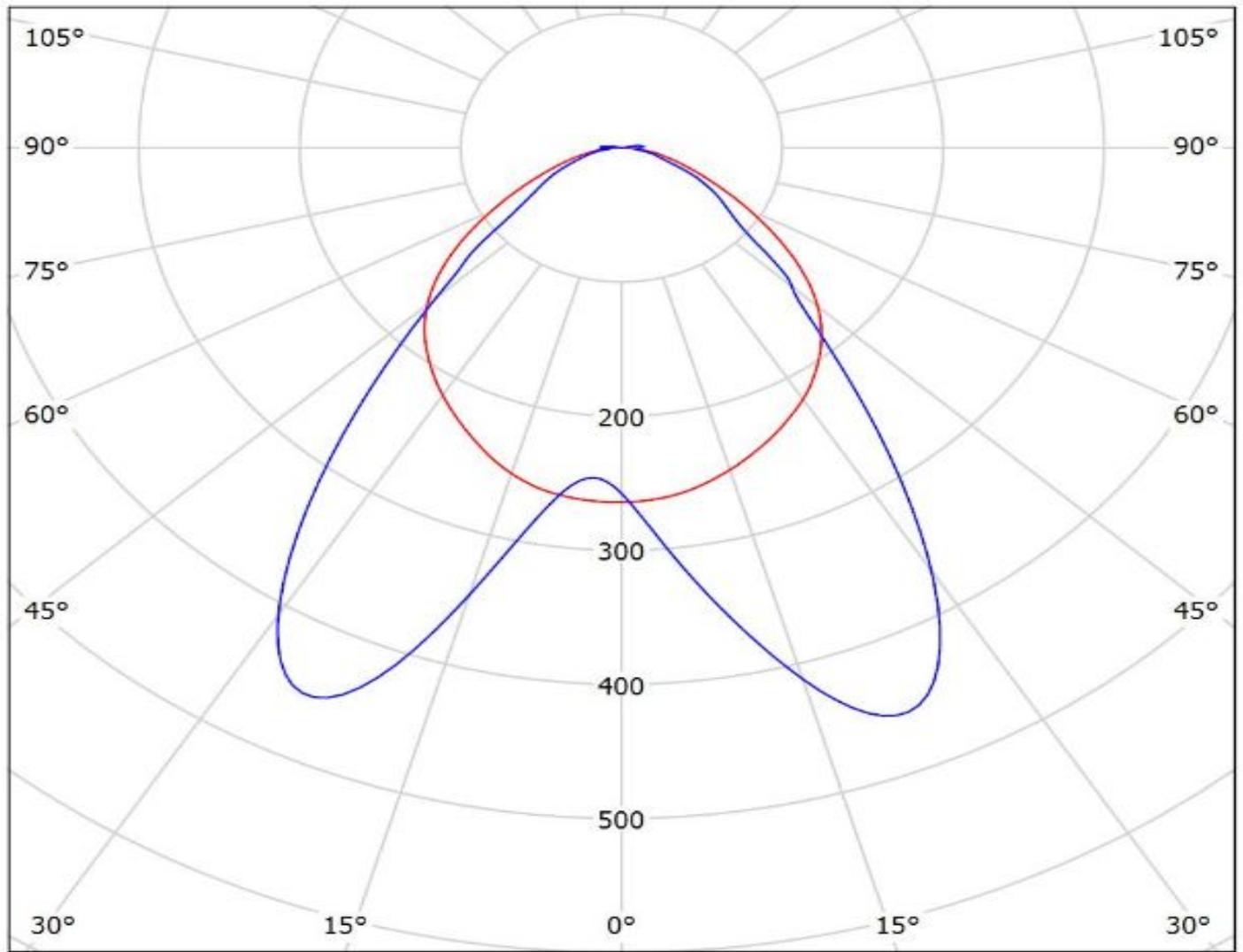
cd/klm

— C0 - C180 — C90 - C270

$\eta = 90\%$

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

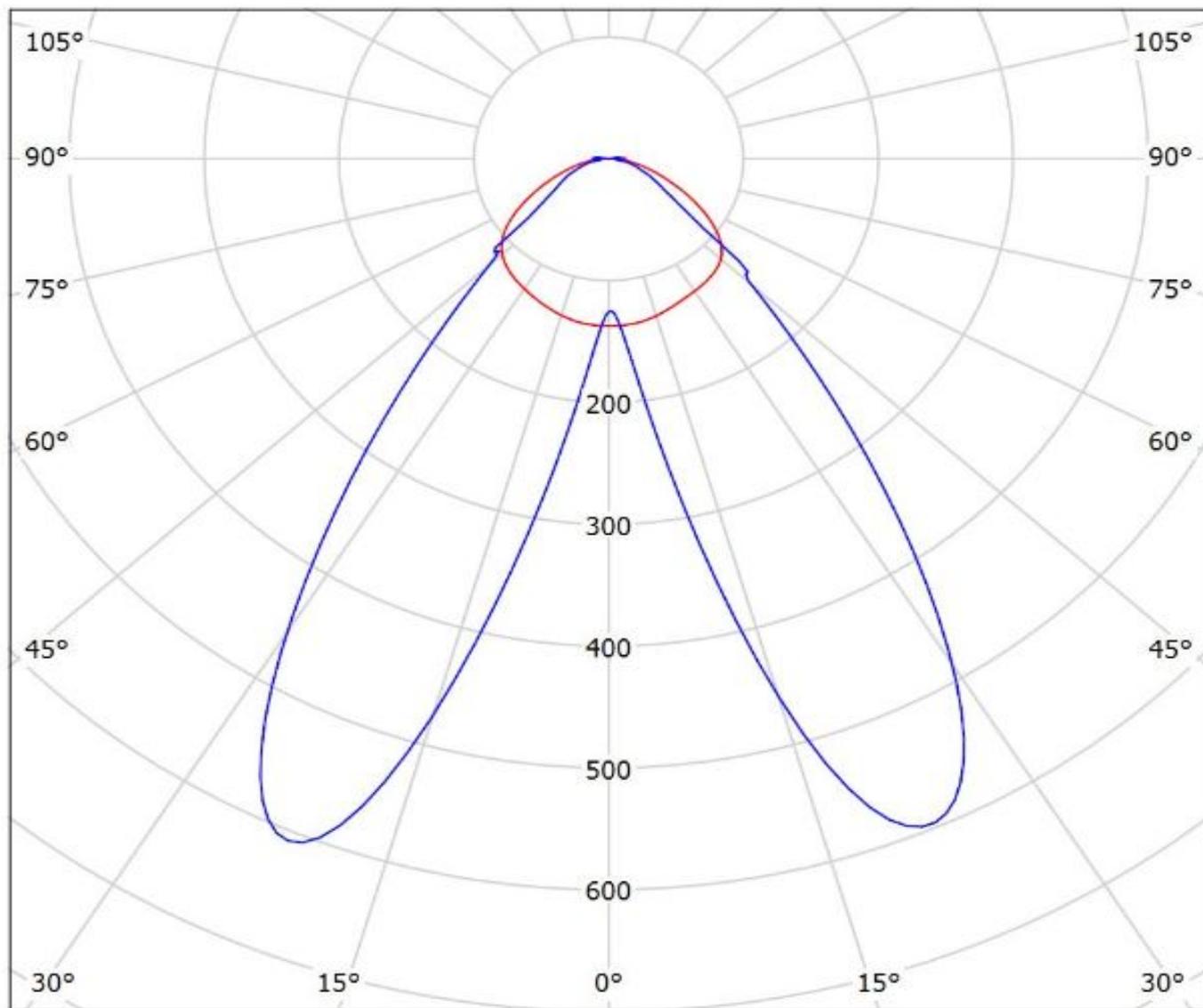


cd/klm
— C0 - C180 — C90 - C270

$\eta = 87\%$

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



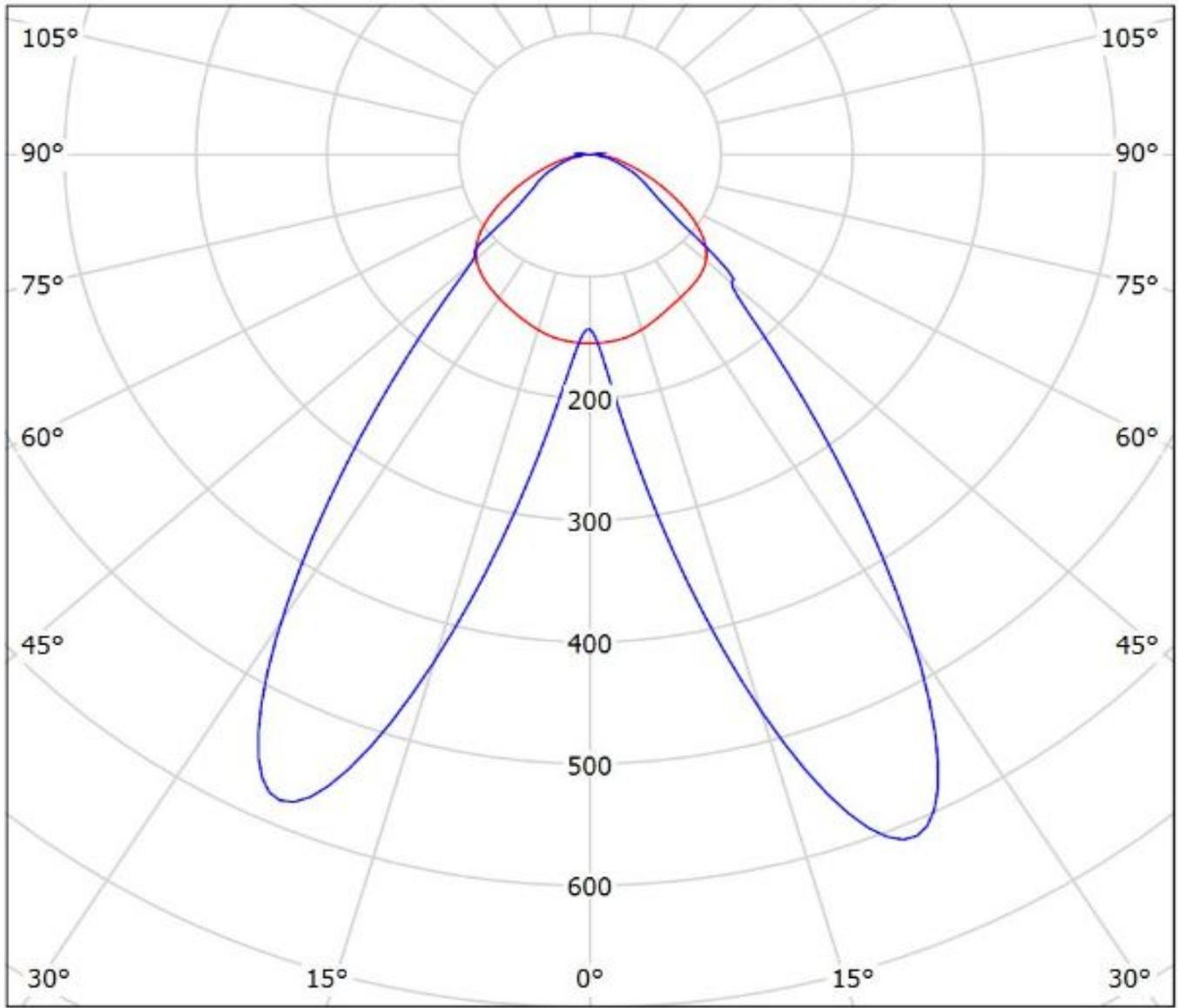
cd/klm

— C0 - C180 — C90 - C270

$\eta = 91\%$

Luminaire: Ledil C14530_FLORENCE-1R-Z2T25_(3020)

Lamps: 1 x Luxeon_3020_x22_(L130-2780)_488.066lm@120mA_P=3.7731W_I=0.120mA



cd/klm

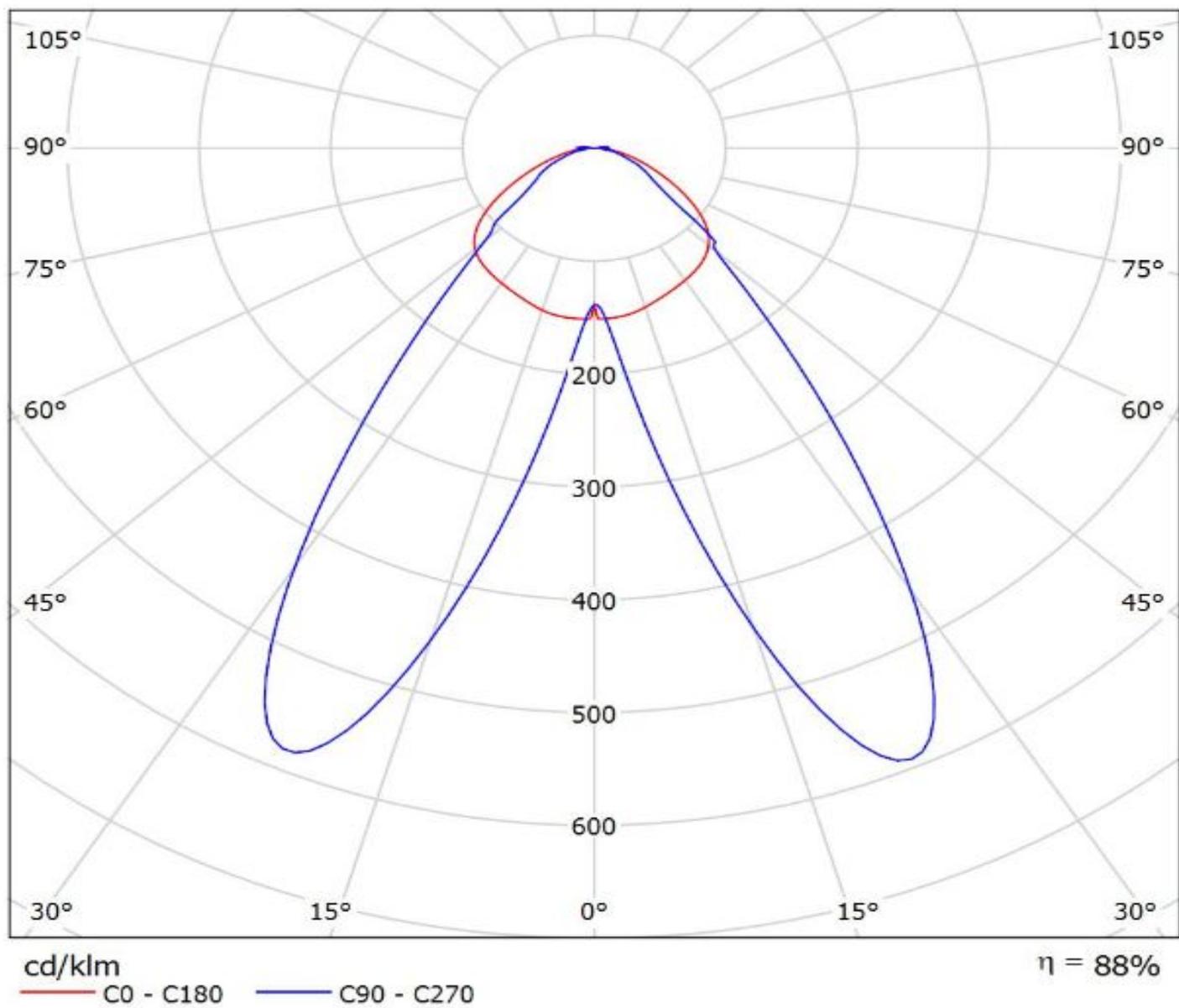
— C0 - C180 — C90 - C270

η = 91%

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

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

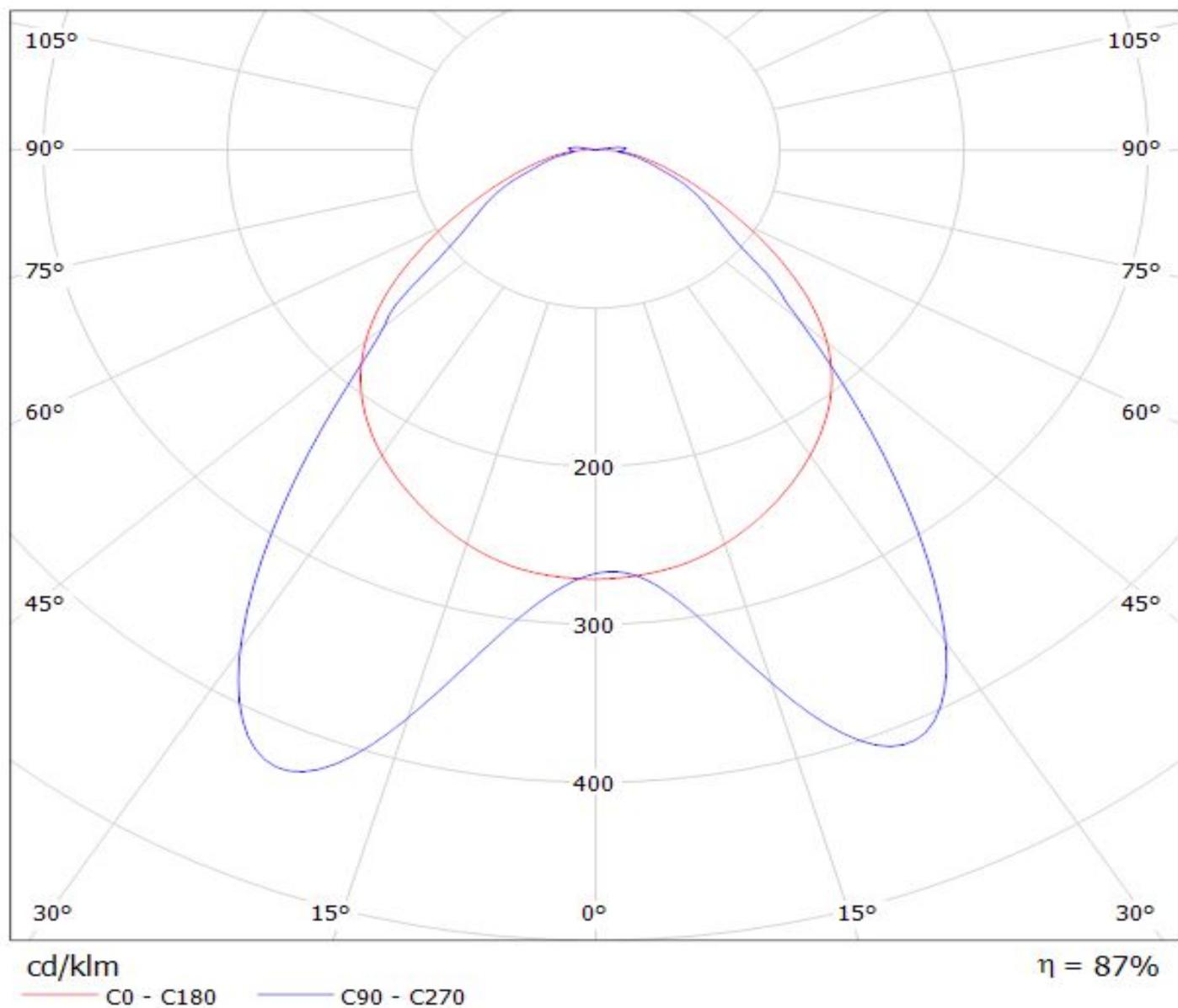
Lamps: 1 x Luminus_MP-2016_1x22_(LUMMP-1100-30-80)_471.904lm@120mA_P=4W_I=0.12A



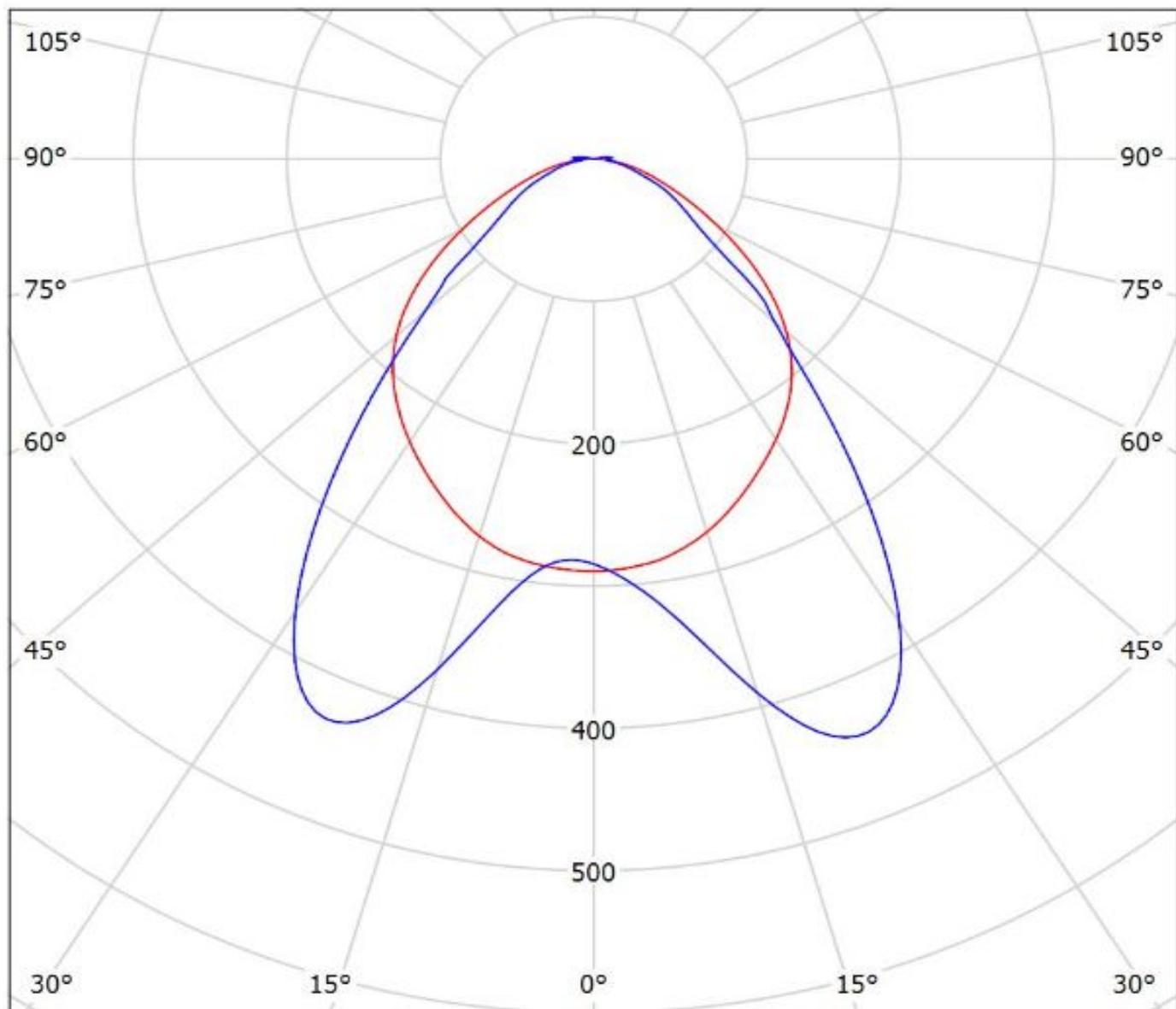
Ledil C14530_FLORENCE-1R-Z2T25_(NF2x757D) / LDC (Polar)

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

Lamps: 1 x Nichia_NF2x757D_2chip_x22 (NF2W757DRT)_2050.61lm@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



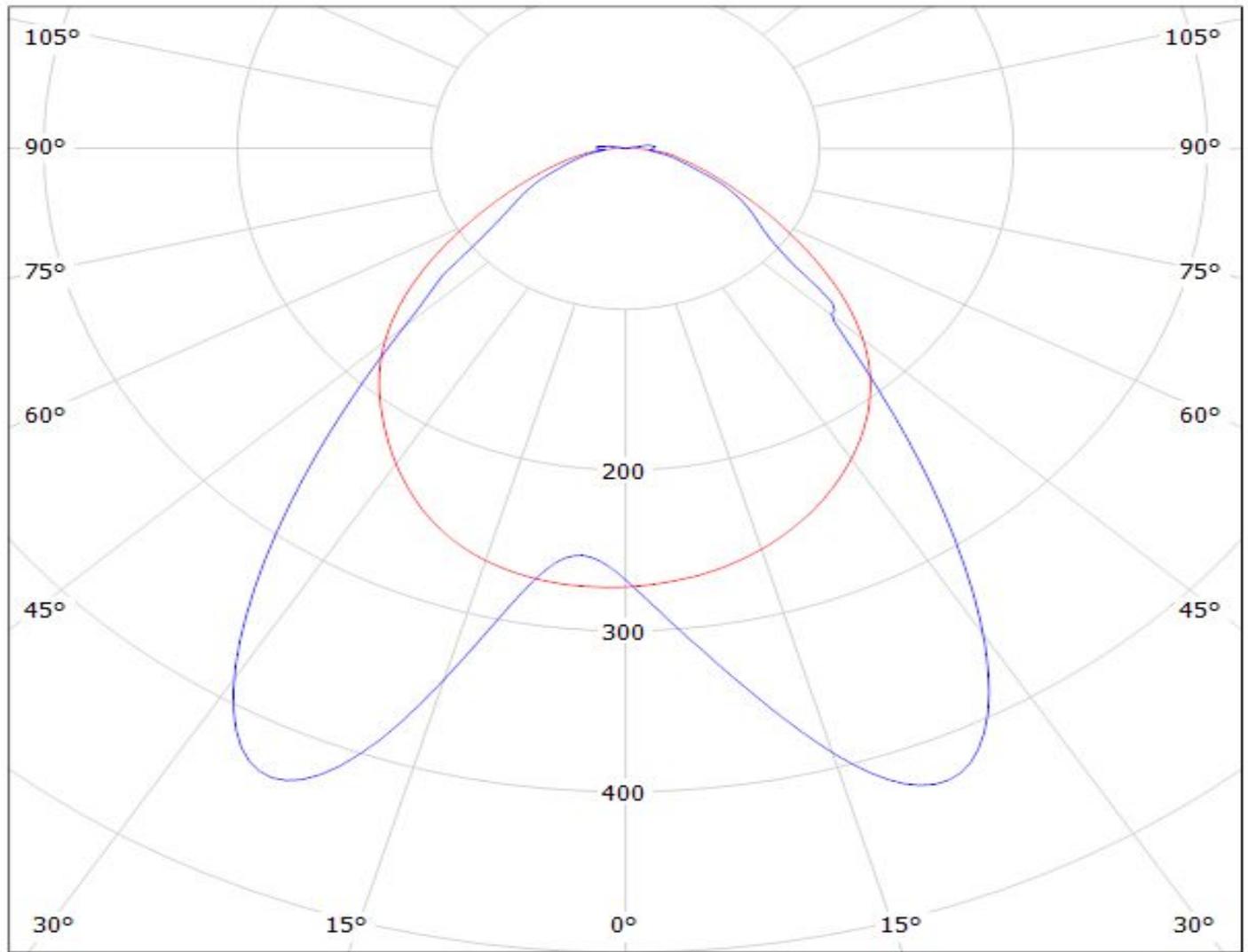
cd/klm
— C0 - C180 — C90 - C270

$\eta = 87\%$

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)
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cd/klm

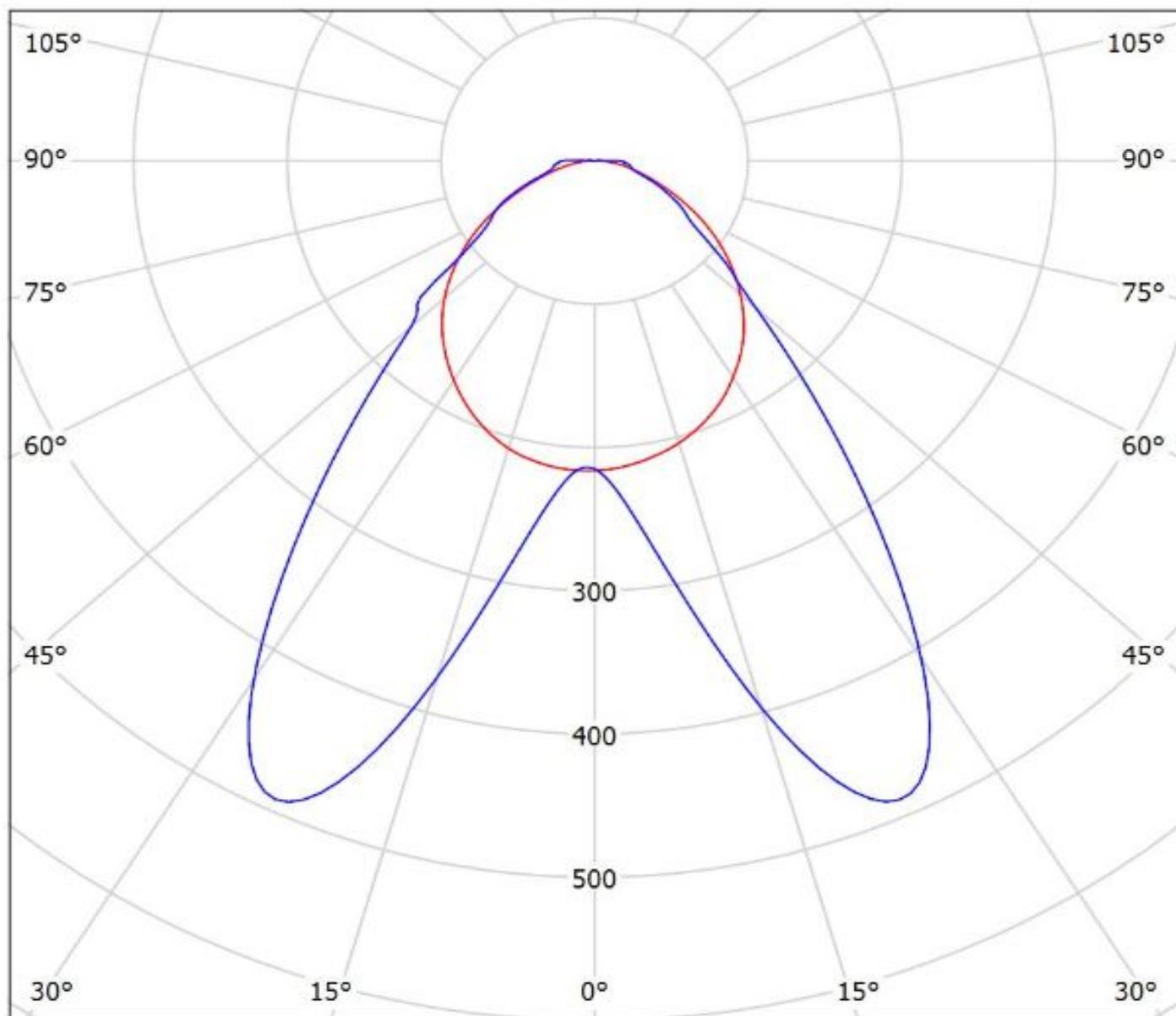
— C0 - C180

— C90 - C270

$\eta = 87\%$

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



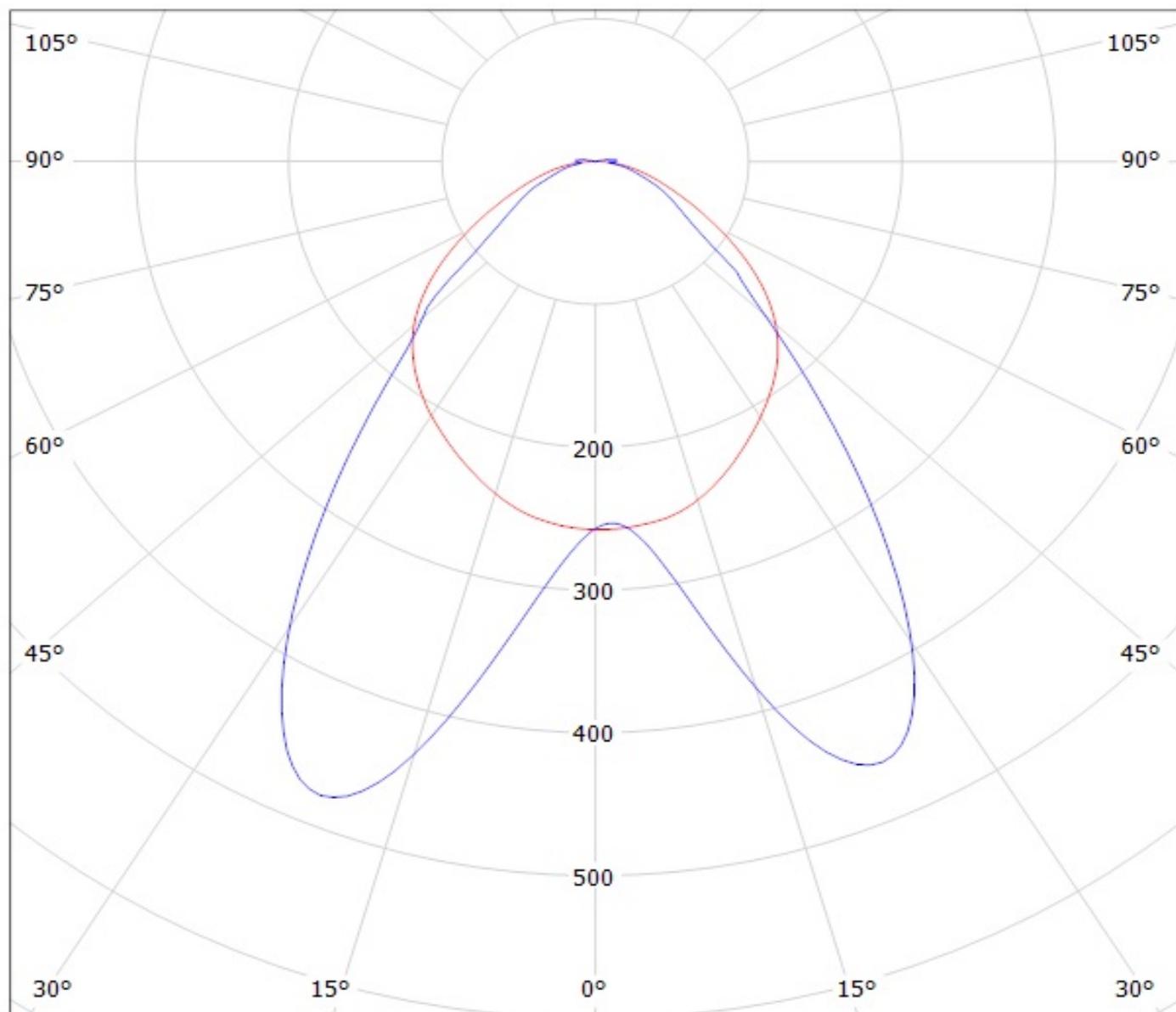
cd/klm

— 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



cd/klm

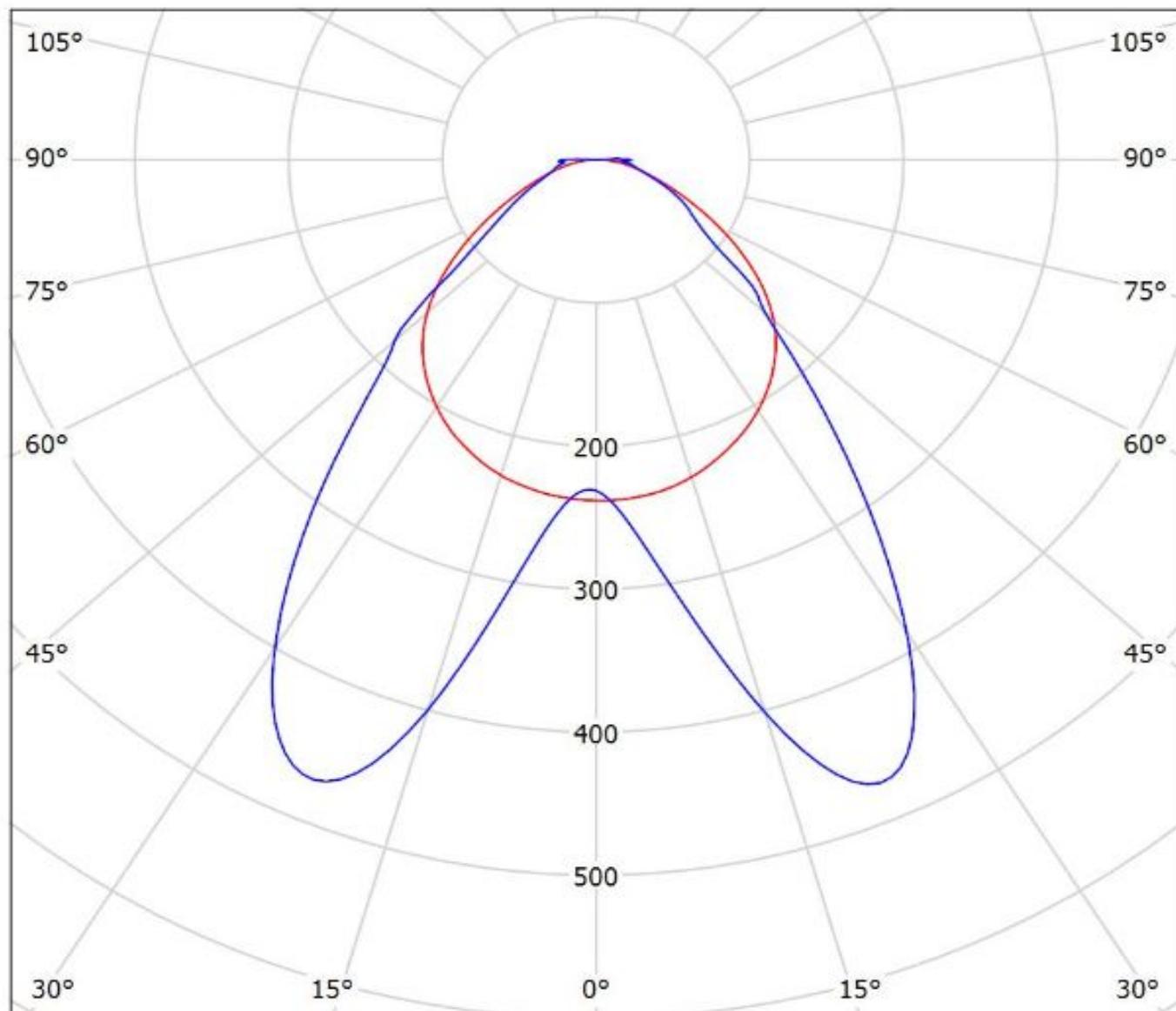
— C0 - C180

— C90 - C270

$\eta = 88\%$

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

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



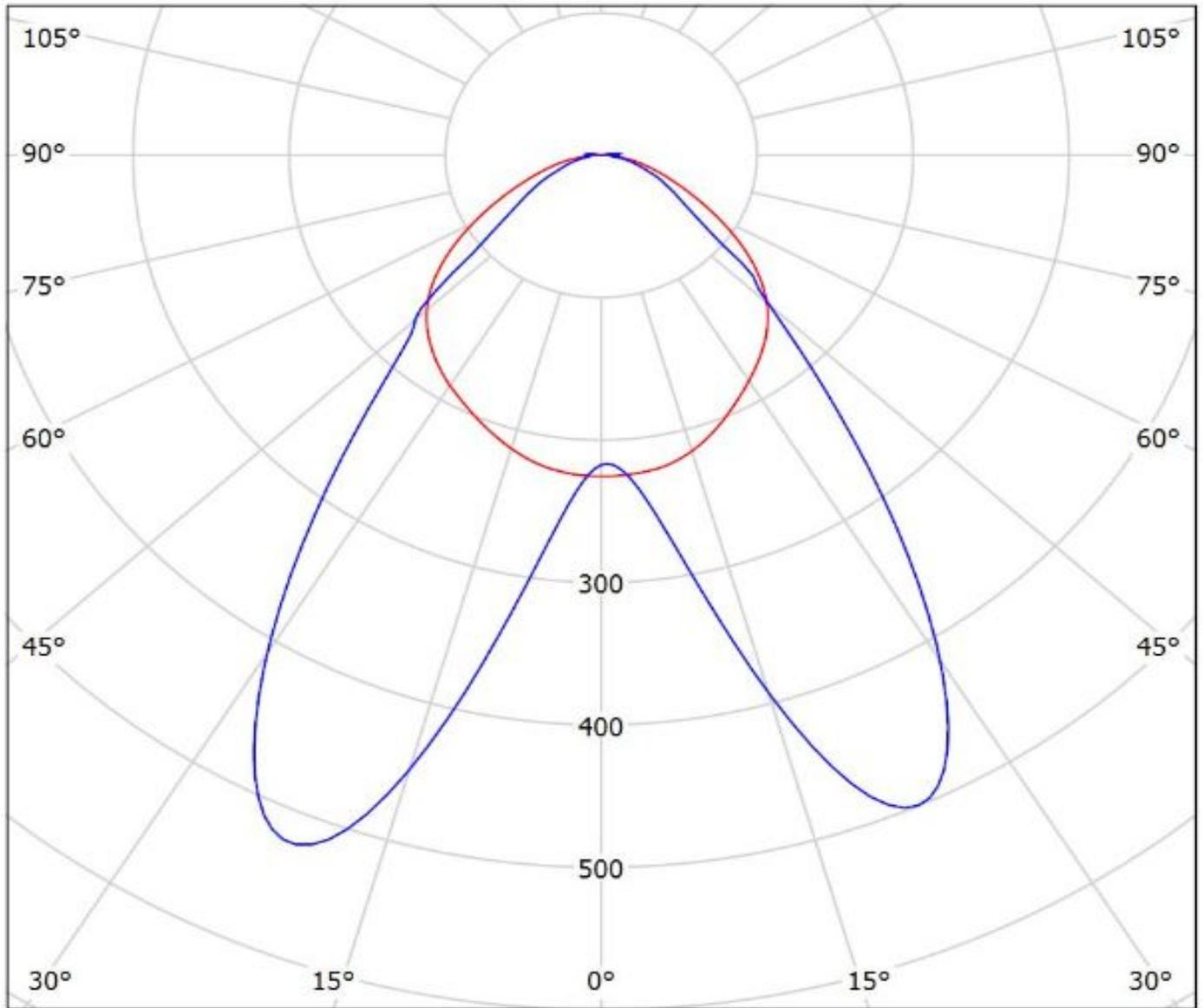
cd/klm

— C0 - C180 — C90 - C270

$\eta = 90\%$

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

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

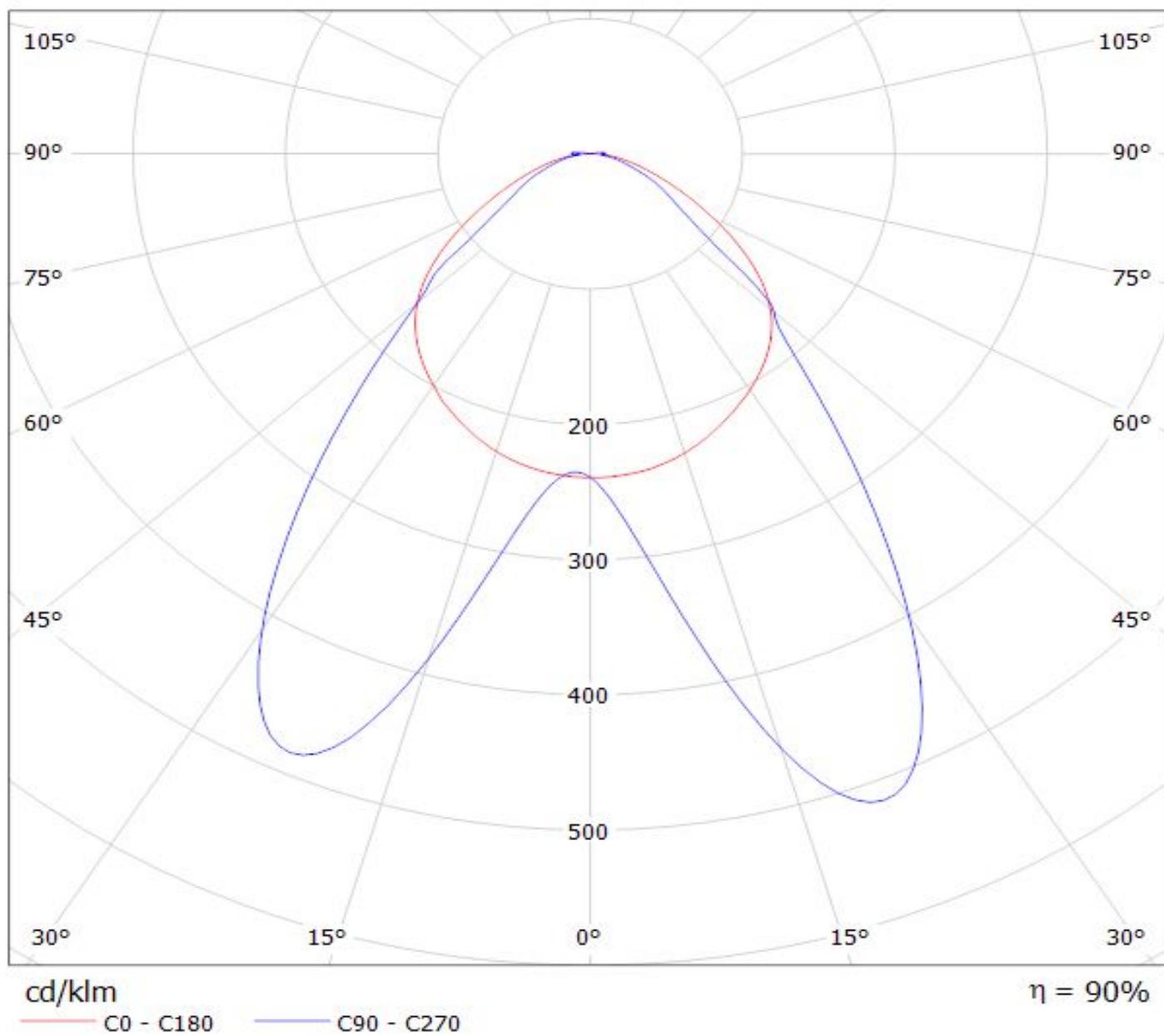


cd/klm

— C0 - C180 — C90 - C270

$\eta = 88\%$

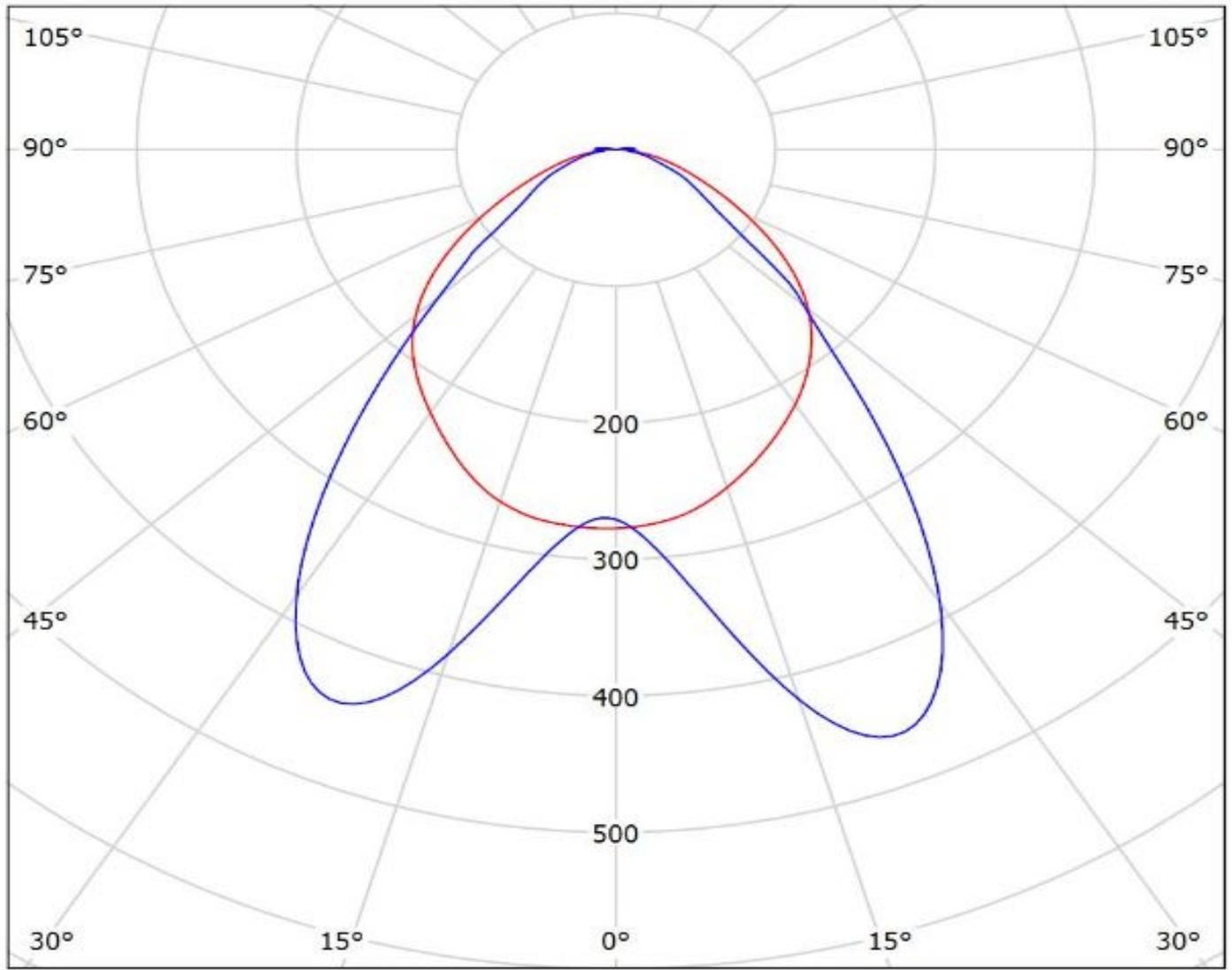
Luminaire: LEDiL Oy C14530_FLORENCE-1R-Z2T25_(LM561C)
Lamps: 1 x Samsung_LM561C_685.154lm@130mA_P=3.9367W_I=0.130A



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



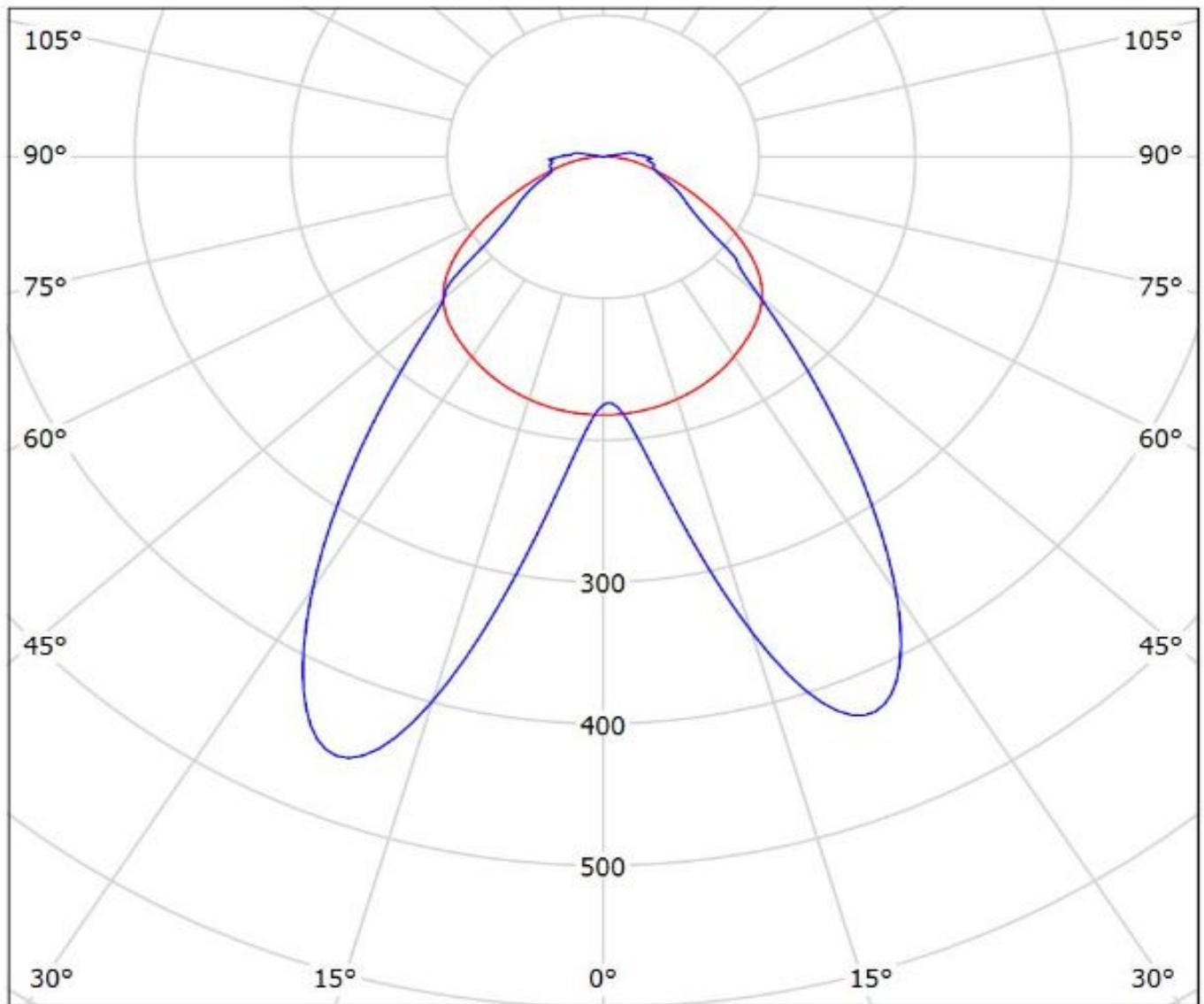
cd/klm

— C0 - C180 — C90 - C270

$\eta = 88\%$

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

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



cd/klm

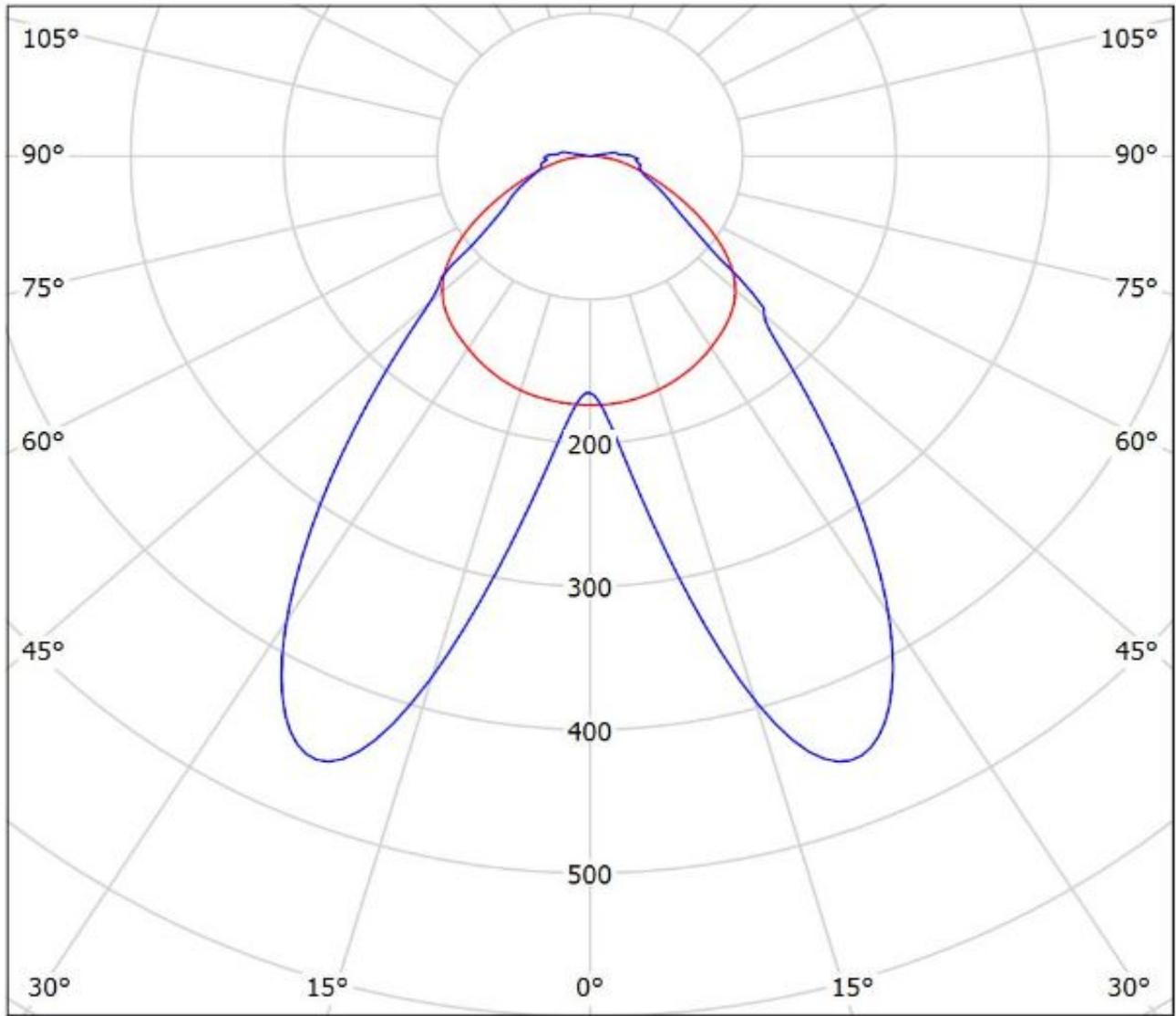
— C0 - C180

— C90 - C270

$\eta = 88\%$

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

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



η = 89%

cd/klm

— 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.