

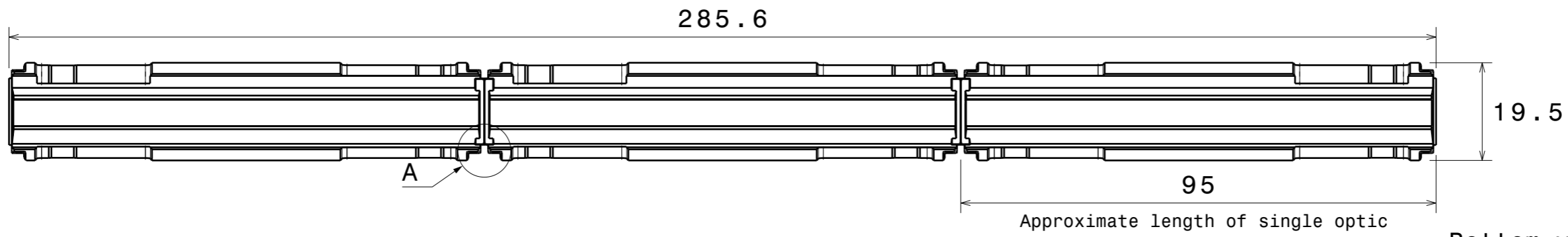
DETAILS

Product Number	F14344_FLORENCE-1R-ZT25
Family	Florence
Type	Lens
Color	clear
Diameter	19,5 x 286 mm
Height	7,13 mm
Style	rectang
Optic Material	PMMA
Holder Material	
Fastening	glue
Status	production ready
ROHS Compliant	Yes
Date Updated	12/06/2017

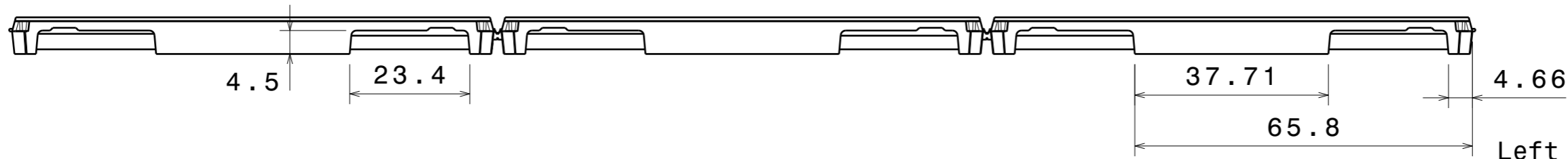


OPTICAL PROPERTIES

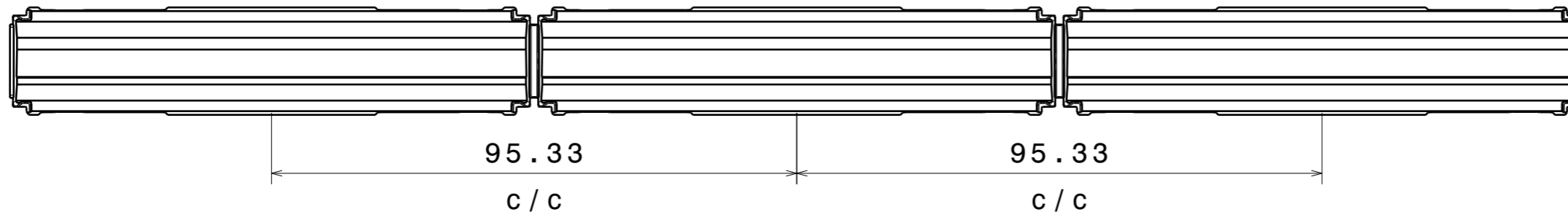
LED	Viewing Angle	Light Beam	Efficiency	cd/lm	Connector
L0-280024-xxx-C0800-L267	asymmetric deg	Asymmetric	93 %	0.790	-
LG 5630	sim: Asymmetric	Asymmetric	sim: 90 %	sim: 0.860	-
LUXEON 3030 2D	Asymmetric deg	Asymmetric	93 %	1.000	-
LUXEON 3014	Asymmetric deg	Asymmetric	94 %	1.300	-
LUXEON 3535L	asymmetric deg	Asymmetric	94 %	1.040	-
LUXEON 3020	asymmetric deg	Asymmetric	94 %	1.350	-
MP-2016	Asymmetric deg	Asymmetric	94 %	1.300	-
NF2x757D	Asymmetric deg	Asymmetric	93 %	0.910	-
NF2x757G	asymmetric deg	Asymmetric	92 %	0.940	-
Duris S5 (2 chip)	Asymmetric deg	Asymmetric	93 %	0.920	-
Duris E 2835	sim: Asymmetric	Asymmetric	sim: 92 %	sim: 0.980	-
Fortimo LED Line 1ft 1100lm xx0 1R xV2	asymmetric deg	Asymmetric	94 %	1.000	-
LM302A	asymmetric deg	Asymmetric	94 %	1.000	-
LT-S282N	Asymmetric deg	Asymmetric	94 %	0.890	-
LM301A	Asymmetric deg	Asymmetric	93 %	1.200	-
LM561C	asymmetric deg	Asymmetric	94 %	1.150	-
LM28xB Series	Asymmetric deg	Asymmetric	94 %	1.000	-
SEOUL 3030	asymmetric deg	Asymmetric	93 %	1.000	-
CALGD0414-M8W1	asymmetric deg	Asymmetric	94 %	0.940	-
CALGD0814-M17W1	asymmetric deg	Asymmetric	92 %	0.960	-



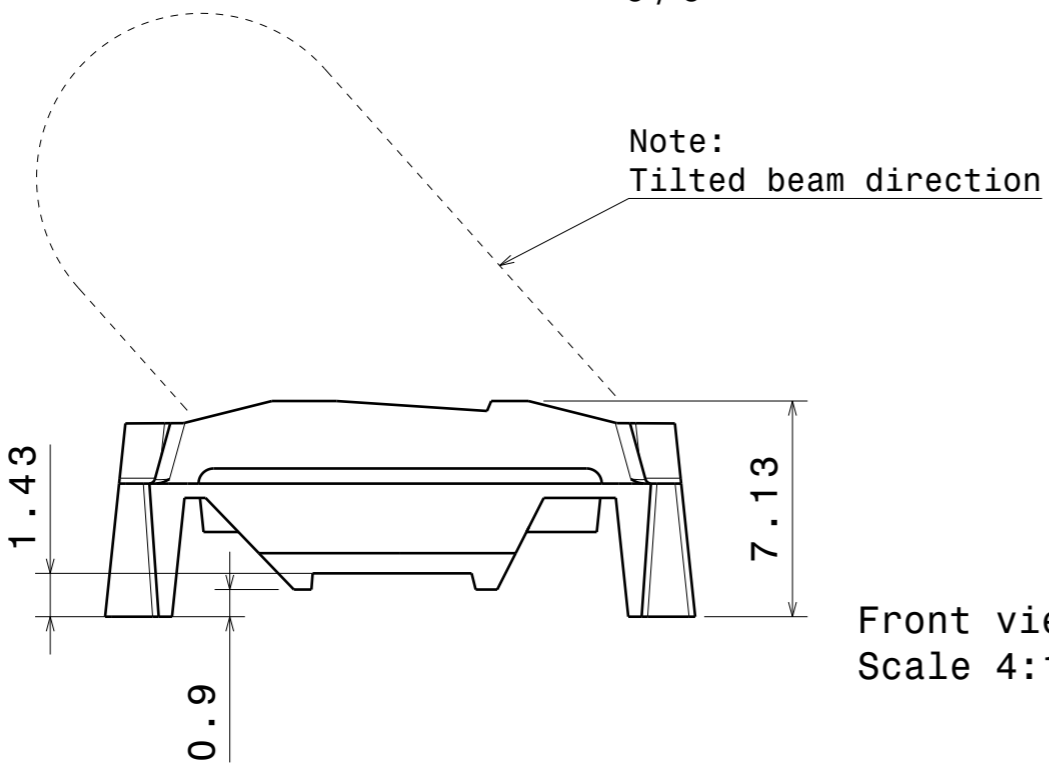
Bottom view



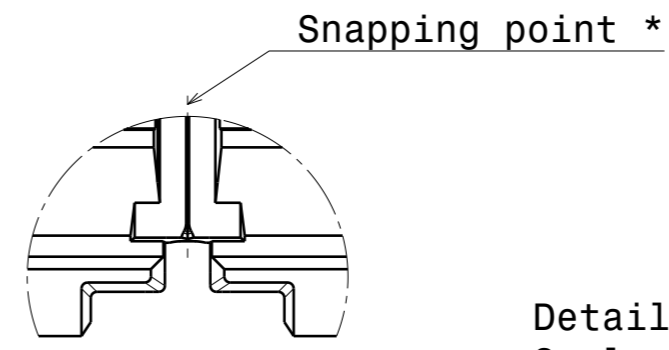
Left view



Top view



Front view
Scale 4:1



Detail A
Scale 4:1

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

INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	F14344	FLORENCE-1R-ZT25	PMMA	

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

LEDiL LediL Oy
Salorankatu 10
FIN 24240 SALO
Finland

THIRD ANGLE PROJECTION:

DRAWING TITLE
F14344_FLORENCE-1R-ZT25

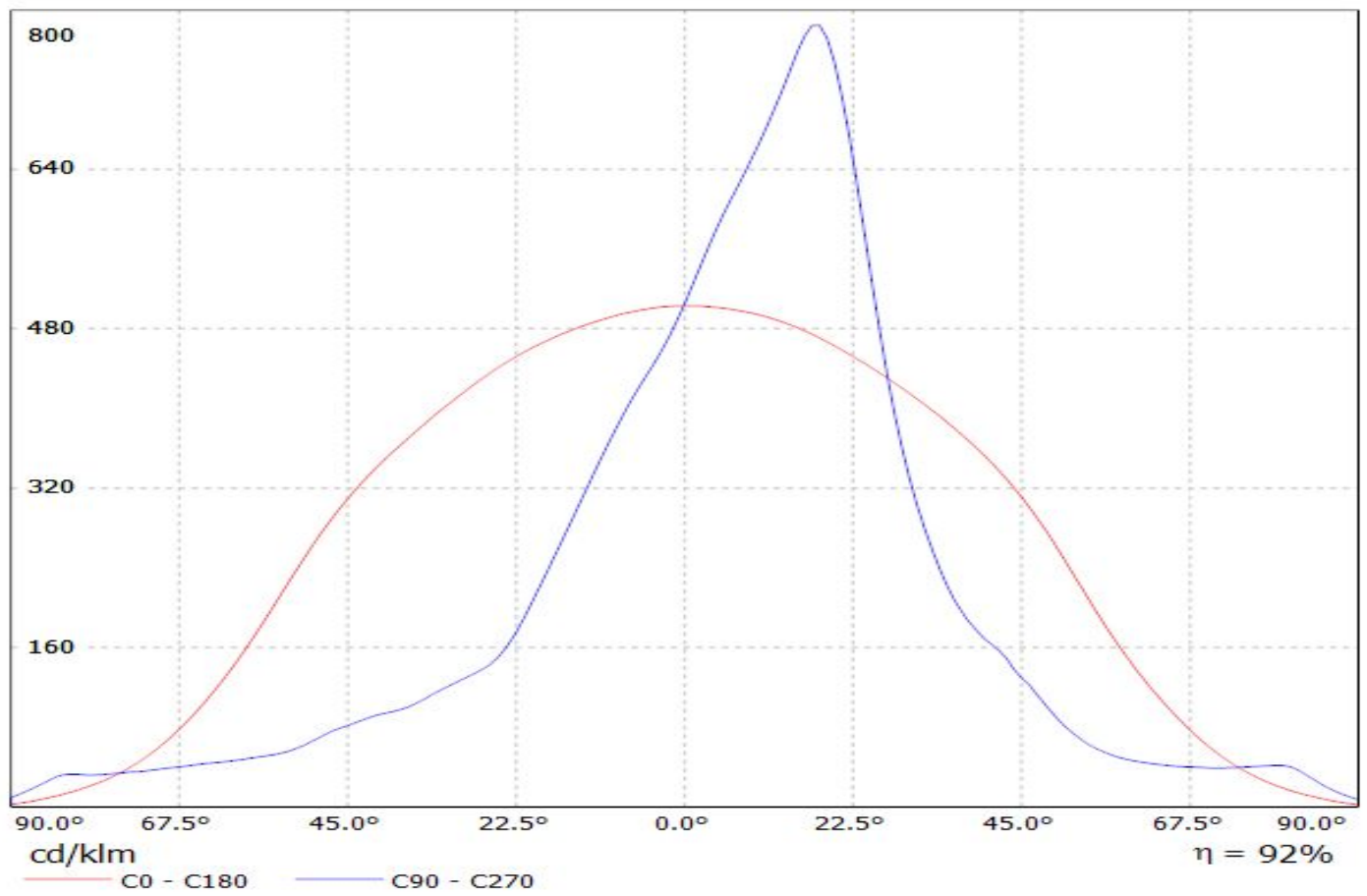
This drawing is the property of LEDiL Oy. It may not be reproduced, copied or communicated without a written agreement with LEDiL Oy.

SIZE PART NUMBER
A3 F14344

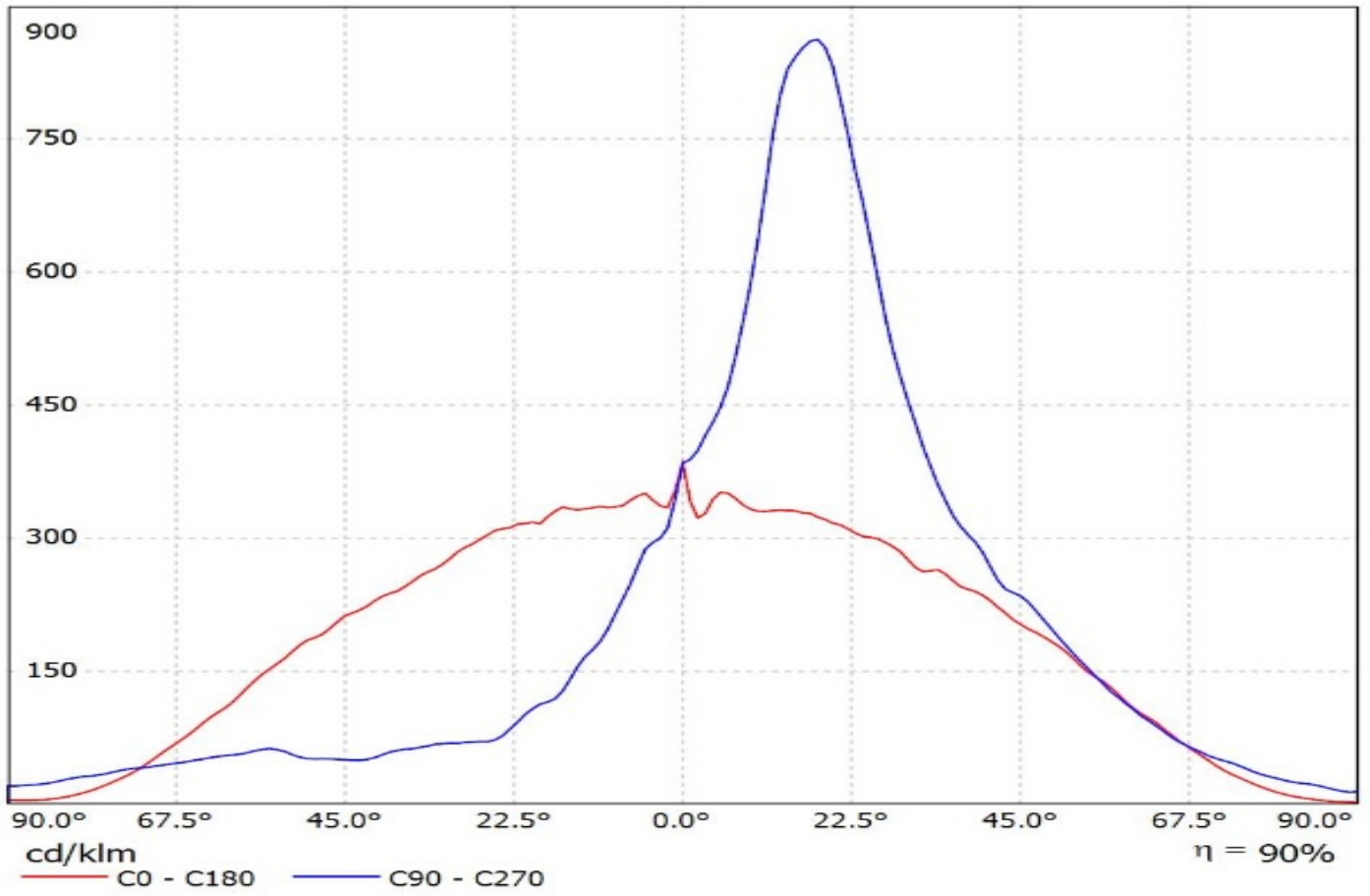
SCALE 1:1 SHEET 1/1

Luminaire: Ledil F14344_FLORENCE-1R-ZT25_(CeZos)

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

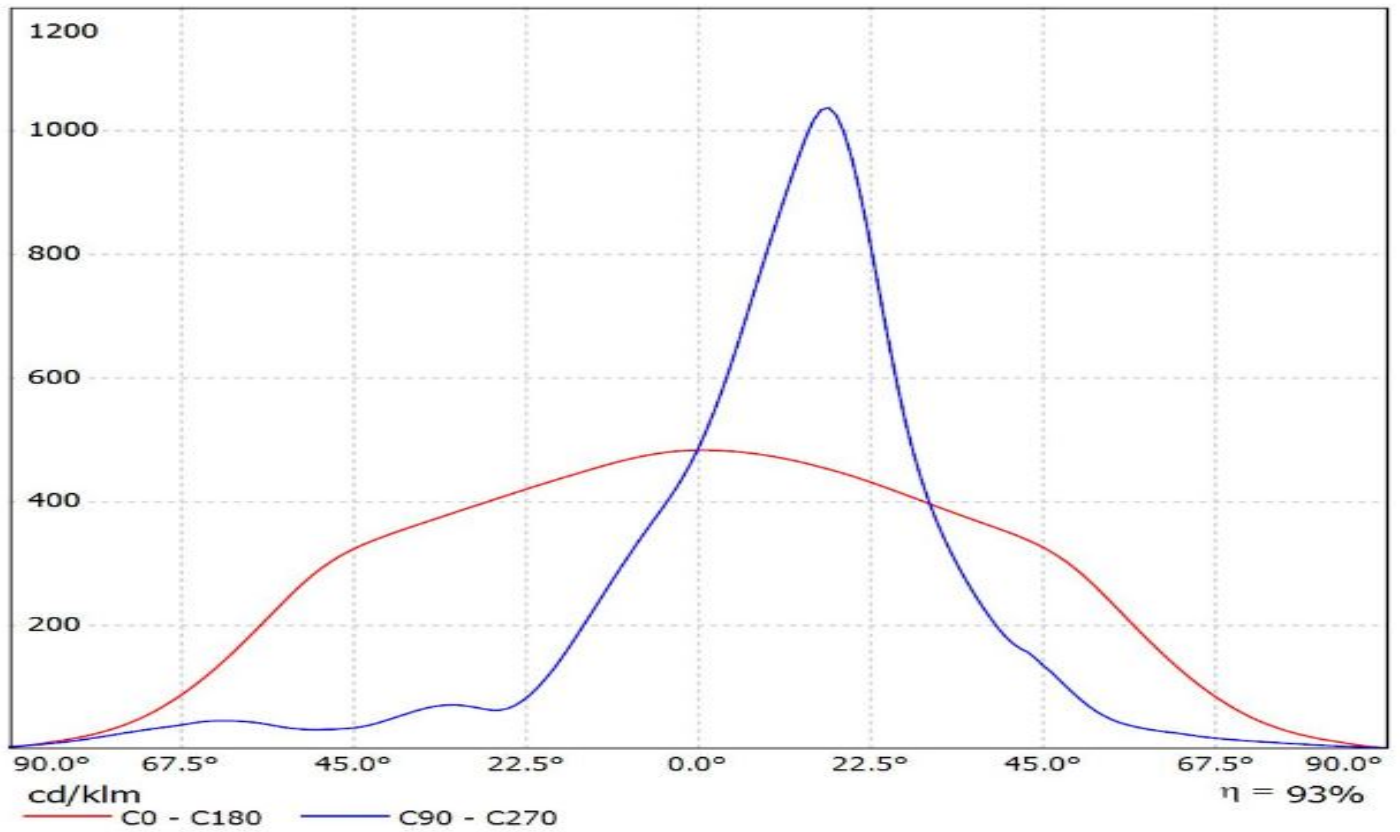


Luminaire: Ledil Oy F14344_FLORENCE-1R-ZT25_(5630)_SIMULATED
Lamps: 1 x LG 5630



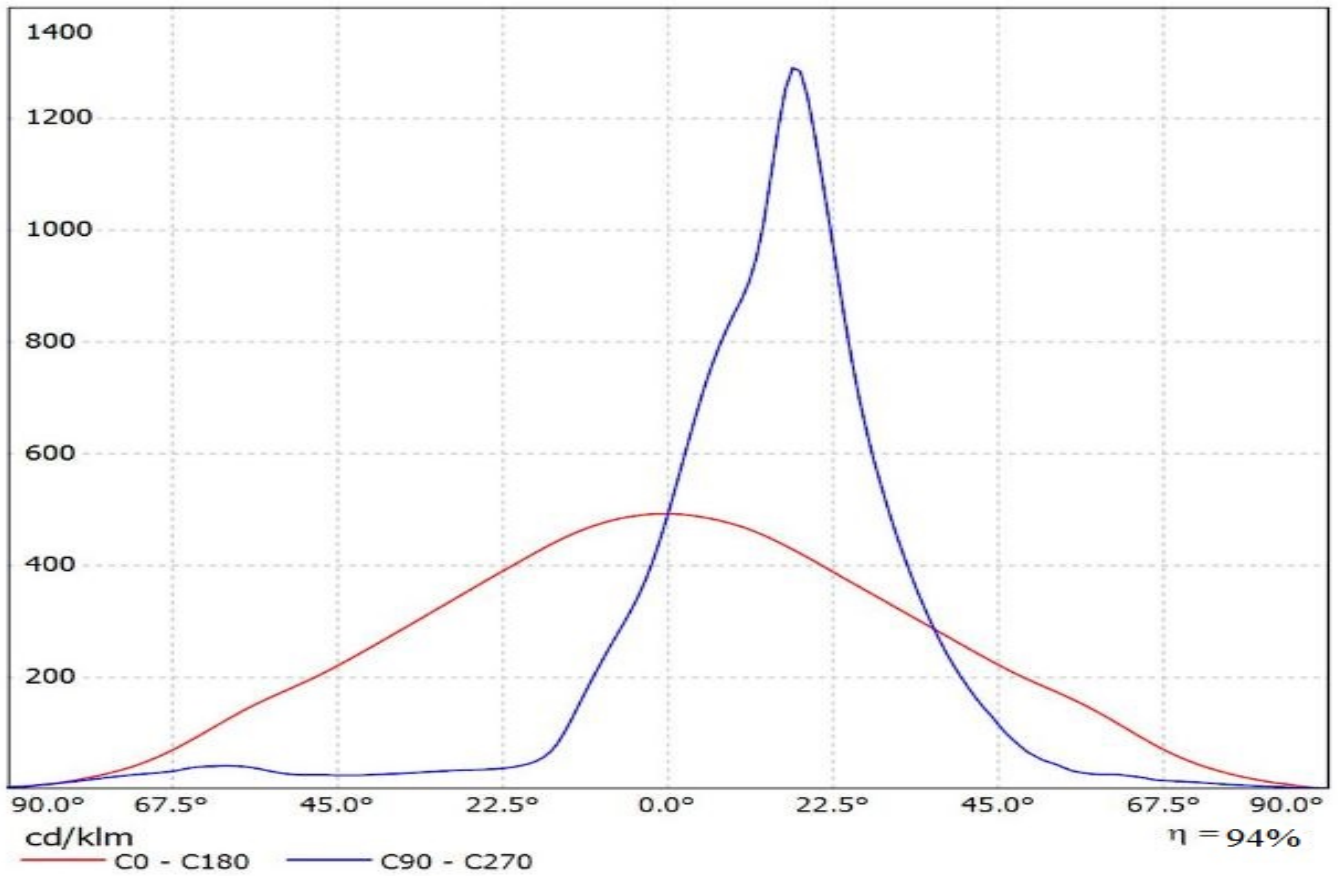
Ledil F14344_FLORENCE-1R-ZT25_(Luxeon_3030_2D) / LDC (Linear)

Luminaire: Ledil F14344_FLORENCE-1R-ZT25_(Luxeon_3030_2D)
Lamps: 1 x Luxeon_3030_2D_x22_(L130-4080003000W21)
_1601.44lm@200mA_CCT=4000K_P=12.8W_I=0.2A

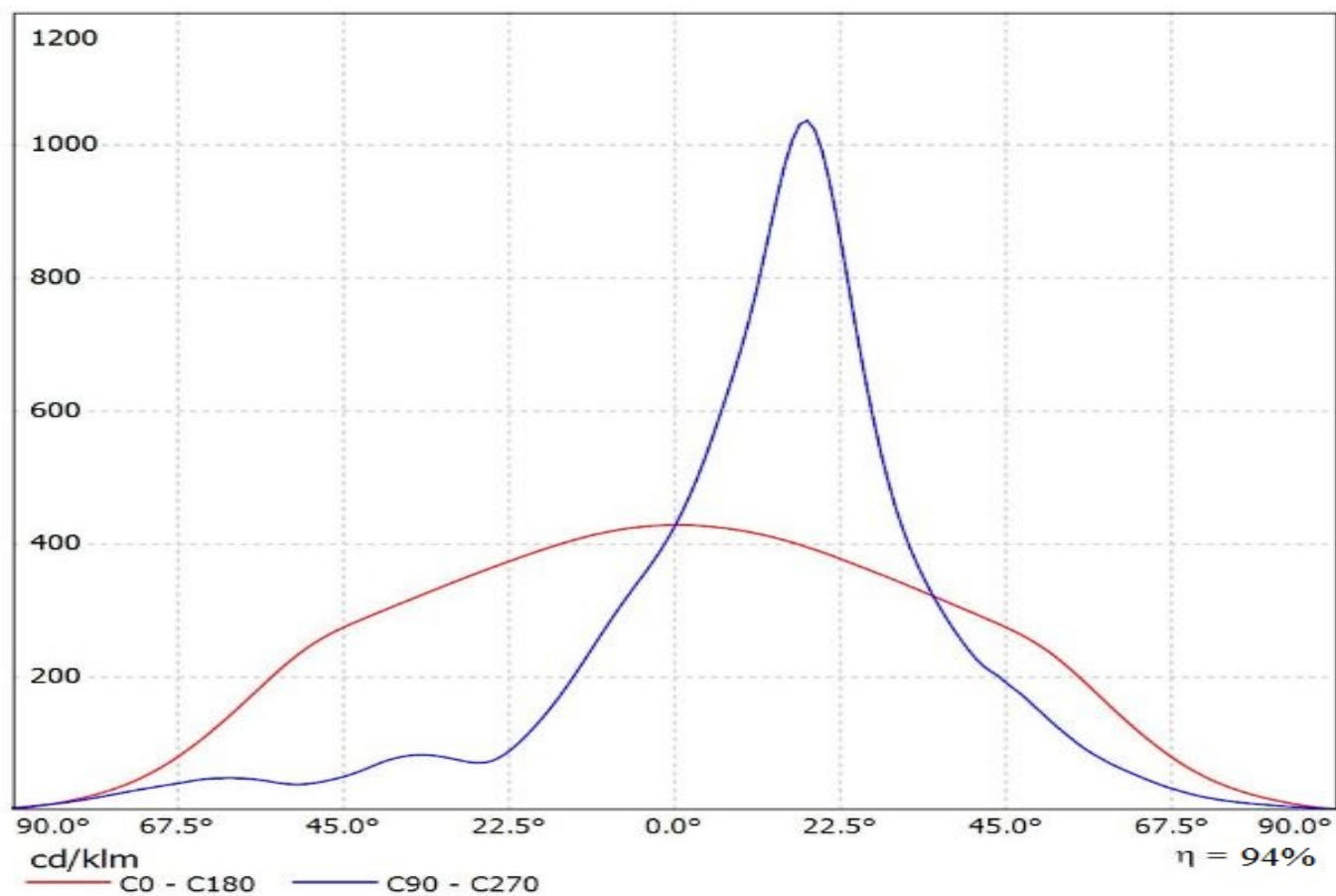


Luminaire: Ledil F14344_FLORENCE-1R-ZT25_(3014_x22)

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

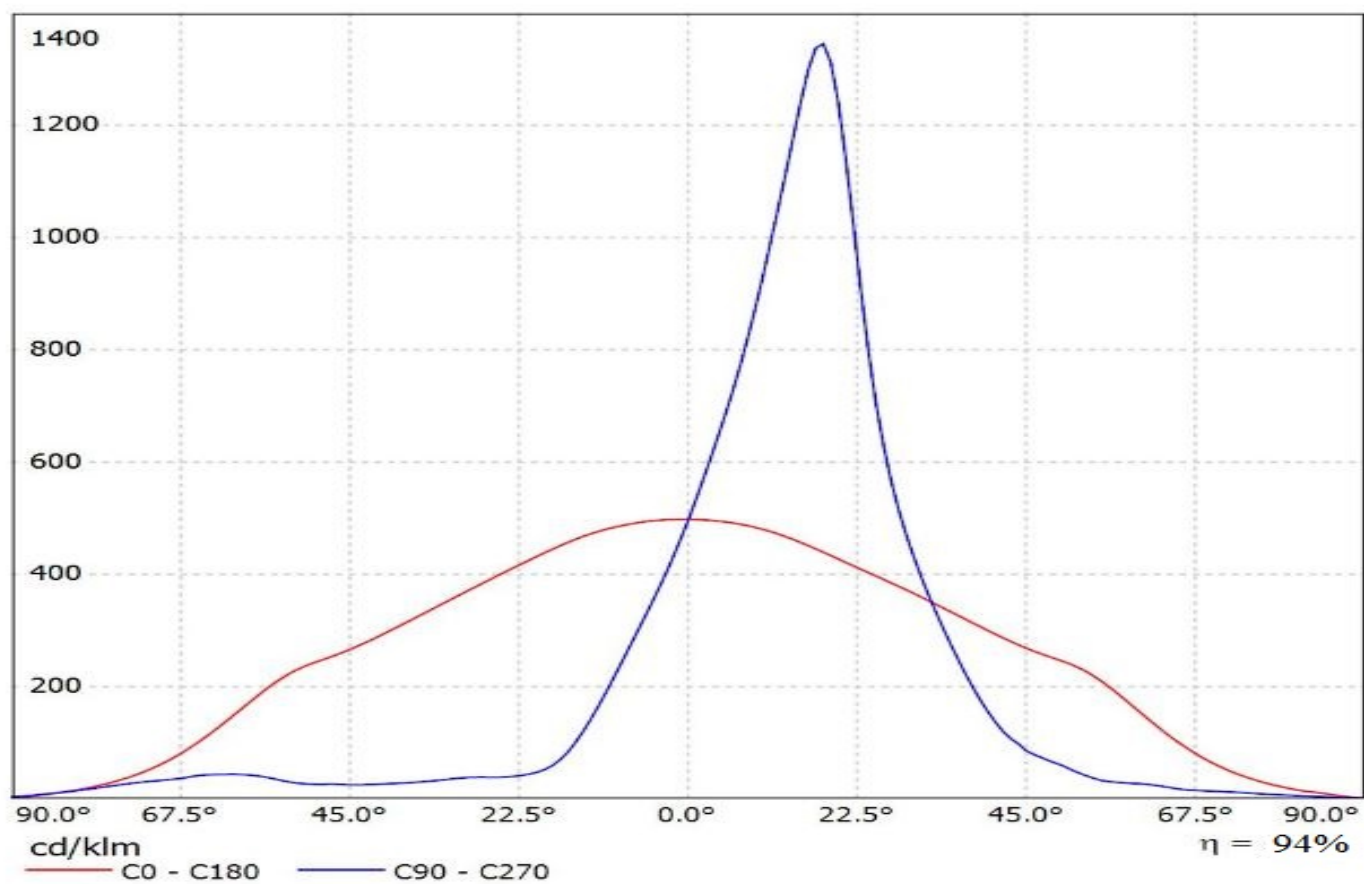


Luminaire: Ledil F14344_FLORENCE-1R-ZT25_(3535L_x22)
Lamps: 1 x Luxeon_3535L_x22_(MXA8-PW50)_507.681lm@100mA_P=2.9953W_I=0.100mA



Luminaire: Ledil F14344_FLORENCE-1R-ZT25_(3020)

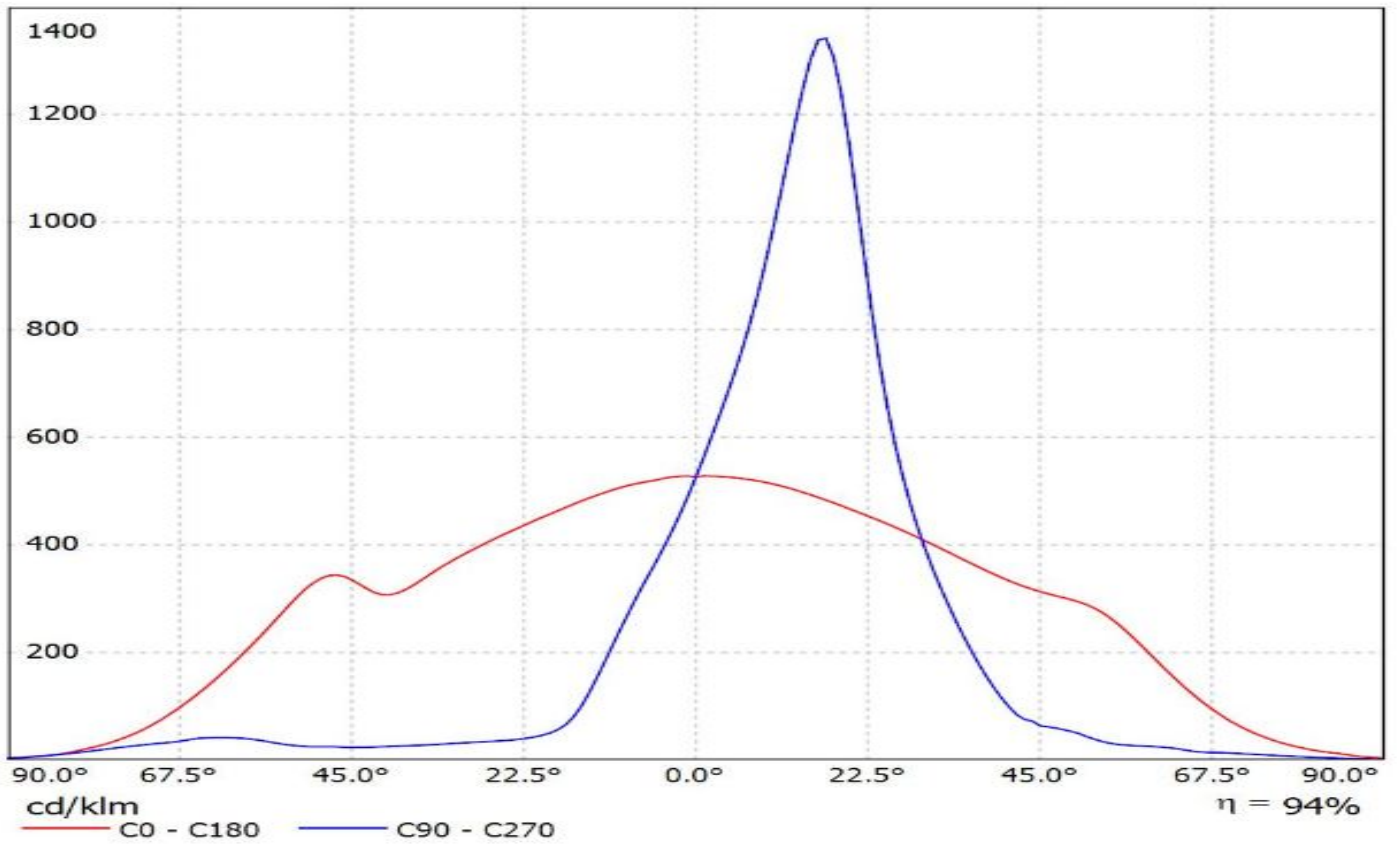
Lamps: 1 x Luxeon_3020_x22_(L130-2780)_488.066lm@120mA_P=3.7731W_I=0.120mA



Ledil F14344_FLORENCE-1R-ZT25_(Luminus_MP-2016) / LDC (Linear)

Luminaire: Ledil F14344_FLORENCE-1R-ZT25_(Luminus_MP-2016)

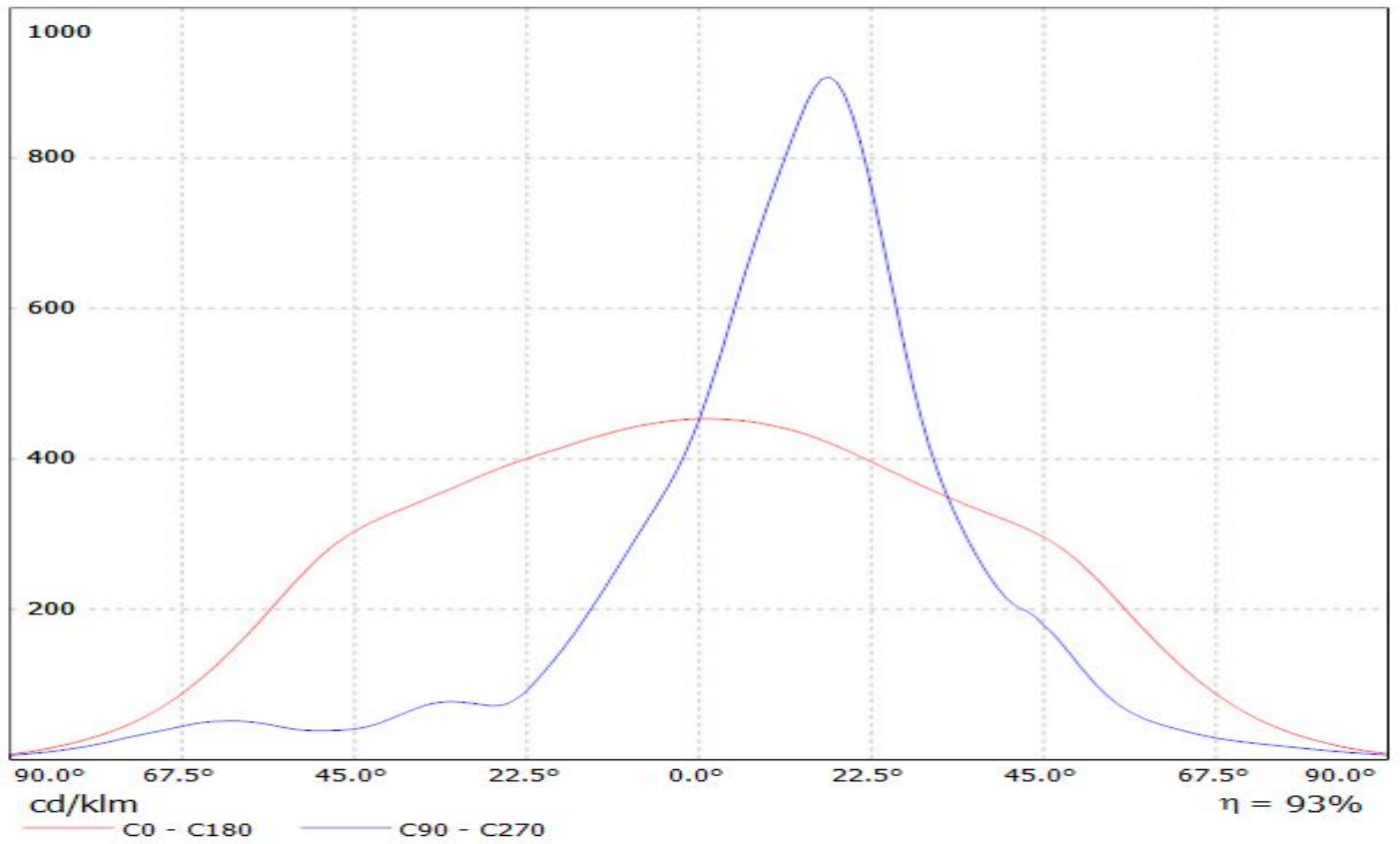
Lamps: 1 x Luminus_MP-2016_1x22_(LUMMP-1100-30-80)_471.904lm@120mA_P=4W_I=0.12A



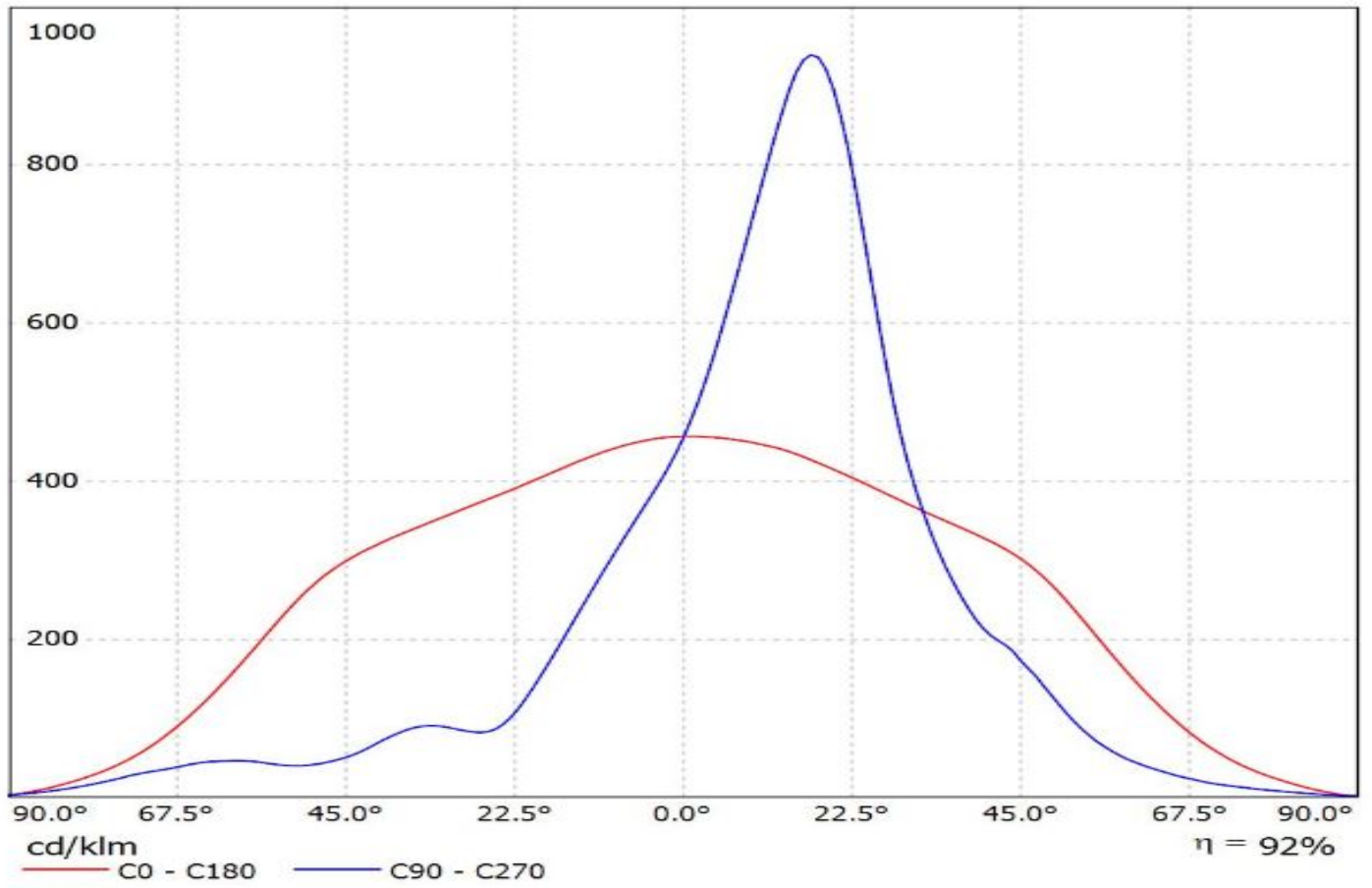
Ledil F14344_FLORENCE-1R-ZT25_(NF2x757D) / LDC (Linear)

Luminaire: Ledil F14344_FLORENCE-1R-ZT25_(NF2x757D)

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

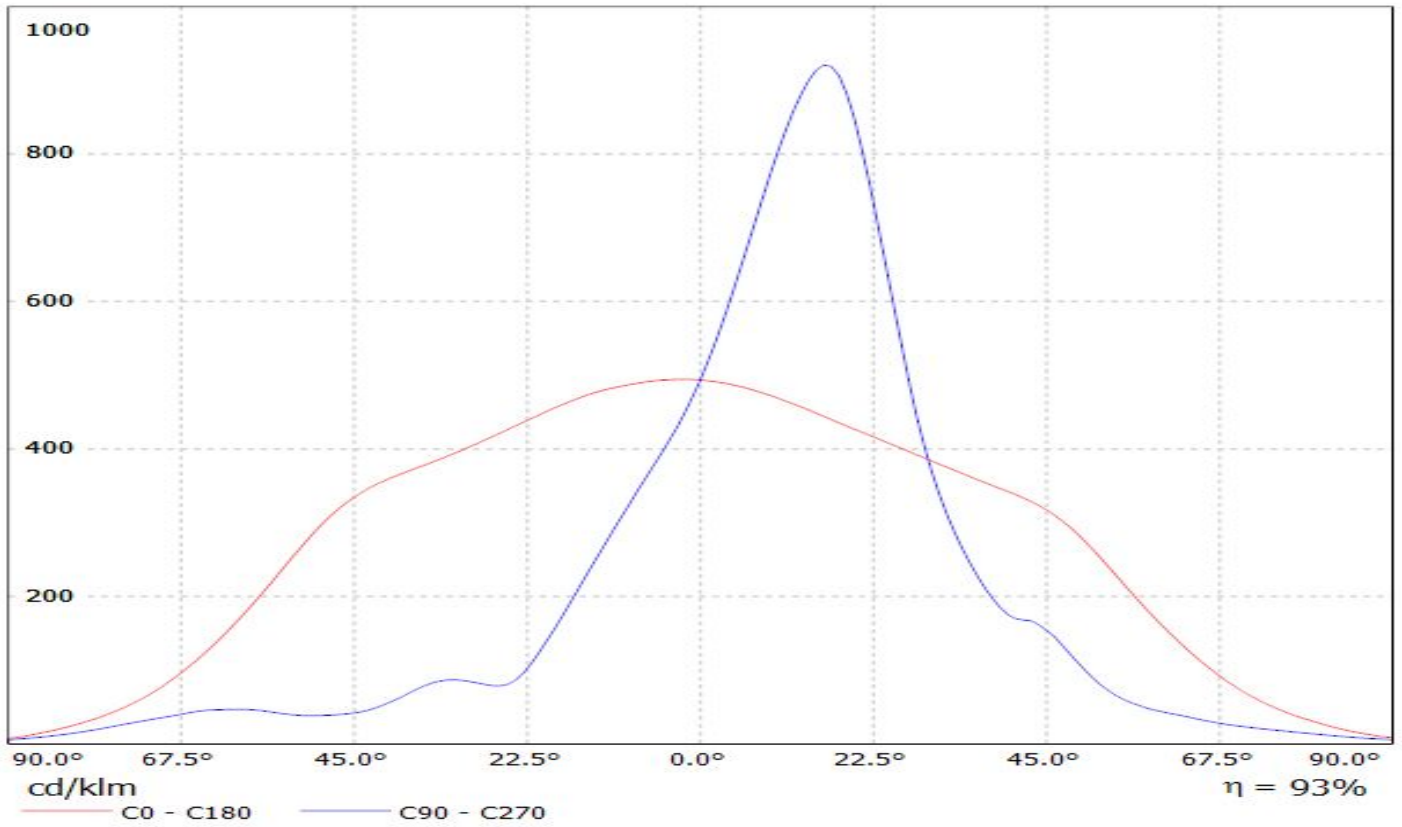


Luminaire: Ledil F14344_FLORENCE-1R-ZT25_(NF2W757G)
Lamps: 1 x NF2W757G_377.885lm@65mA_CCT=?K_P=1.97W_I=0.065A

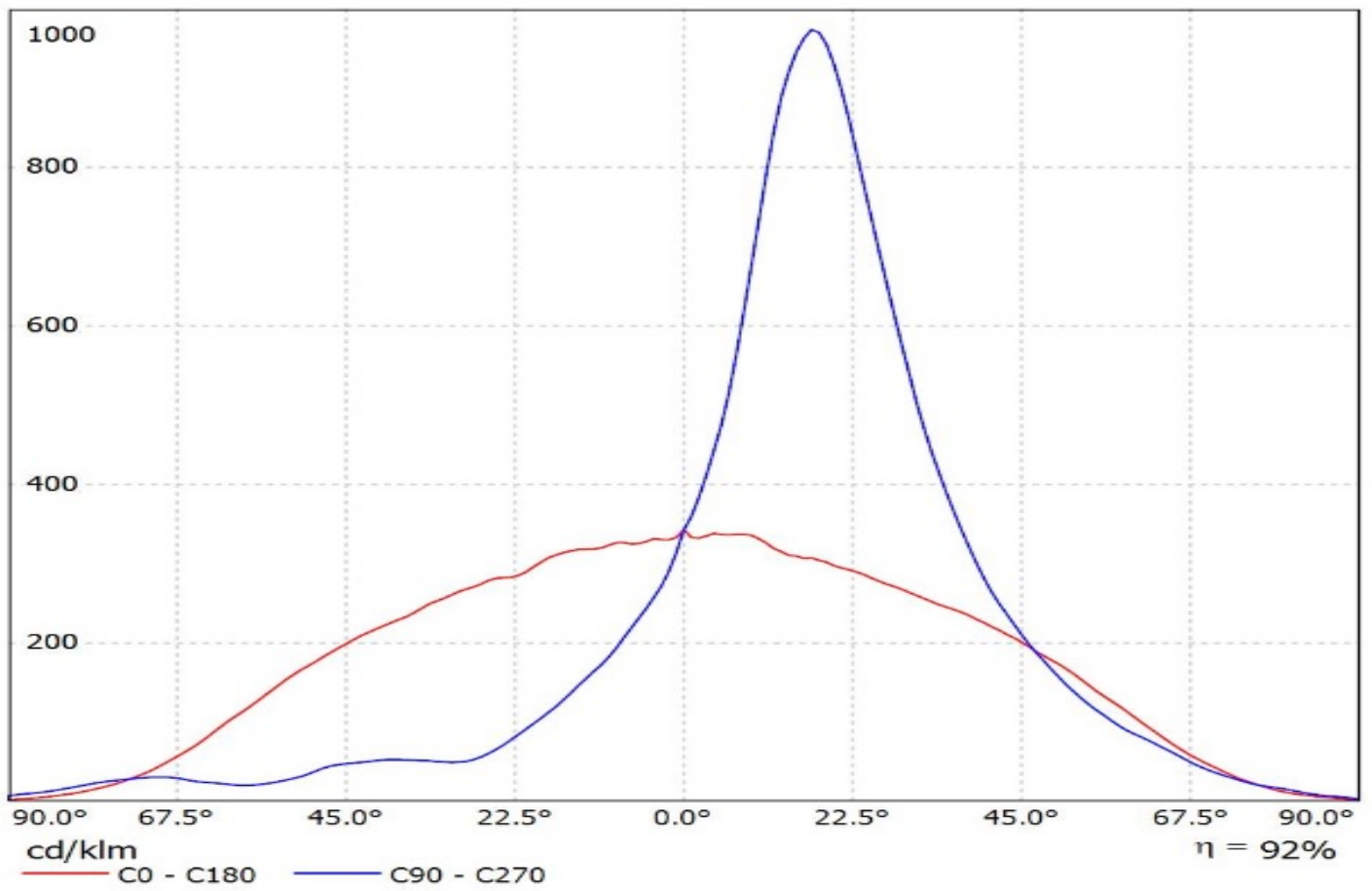


Ledil F14344_FLORENCE-1R-ZT25_(Duris_S5) / LDC (Linear)

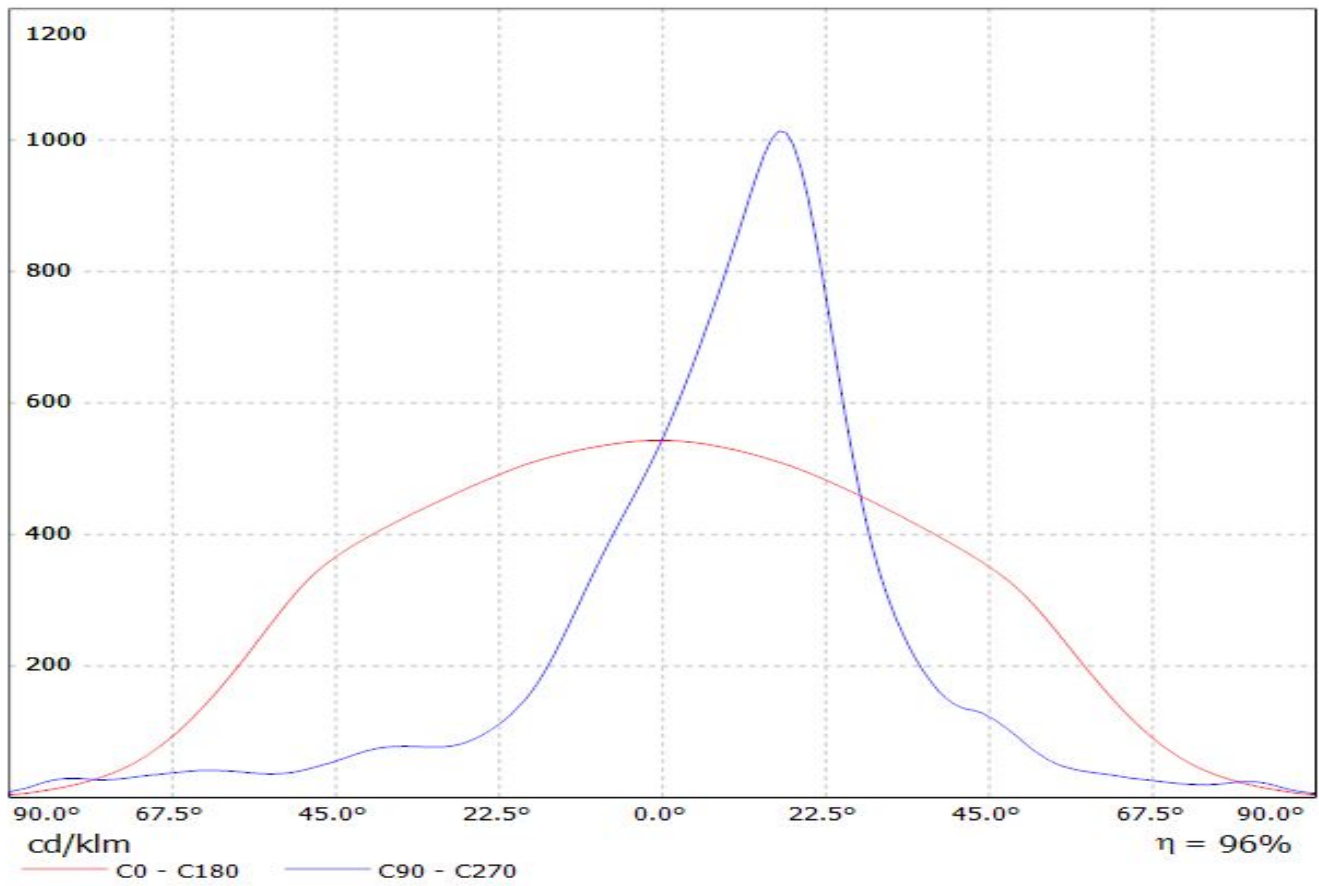
Luminaire: Ledil F14344_FLORENCE-1R-ZT25_(Duris_S5)
Lamps: 1 x Osram_Duris_S5_x11_(GW_PSLRS1.EC-LQLS-5H7I-1)
_1016.86lm@100mA_P=8W_I=0.1000A



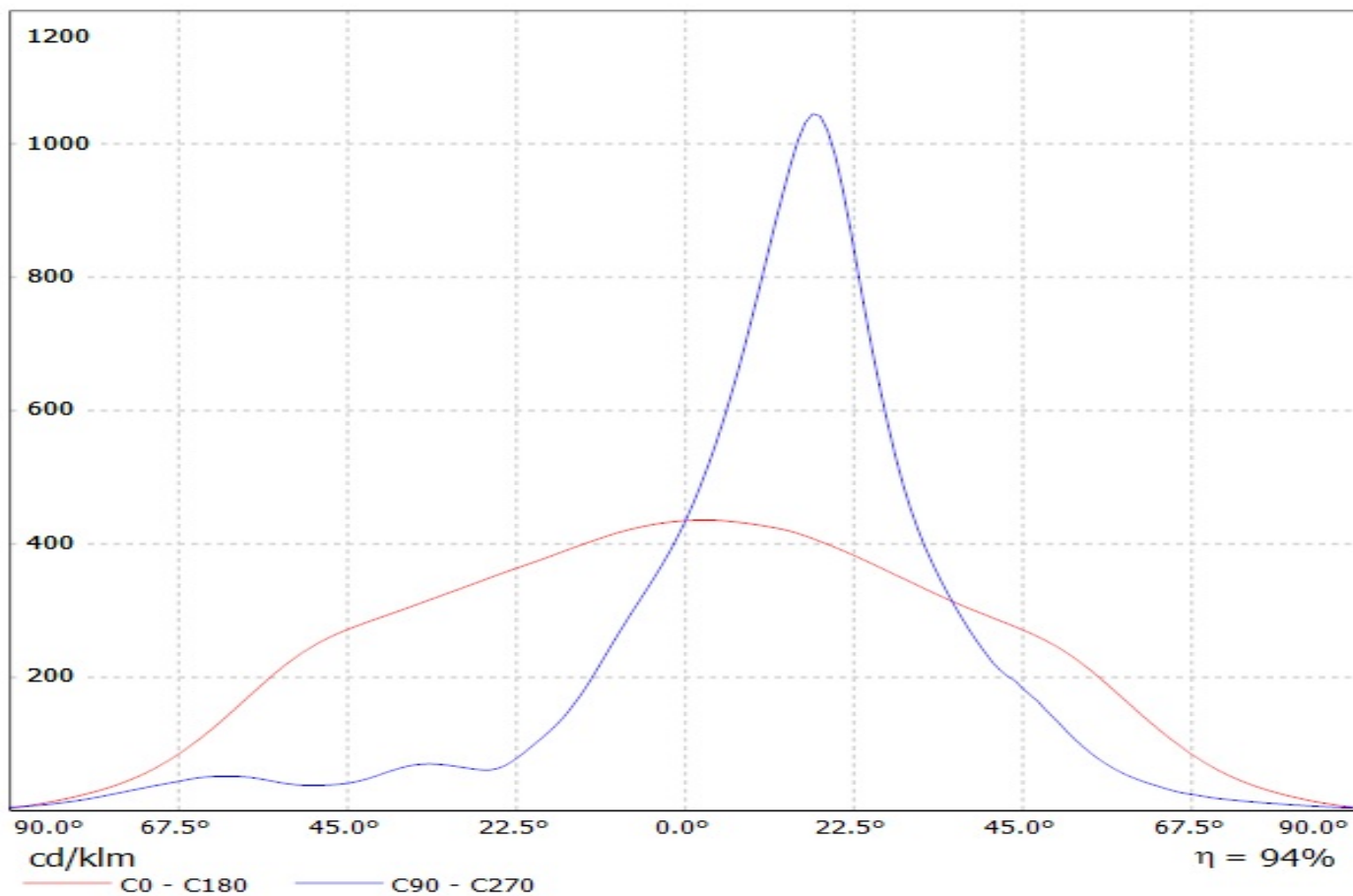
Luminaire: Ledil Oy F14344_FLORENCE-1R-ZT25_(Duris_E_2835)_SIMULATED
Lamps: 1 x Osram Duris E 2835 - GW JTLRS1.EM



Luminaire: LEDiL Oy F14344_FLORENCE-1R-ZT25_1
Lamps: 1 x FORTIMO-1R_PCB_1063.12lm@250mA_P=8.02029W_I=249.9mA

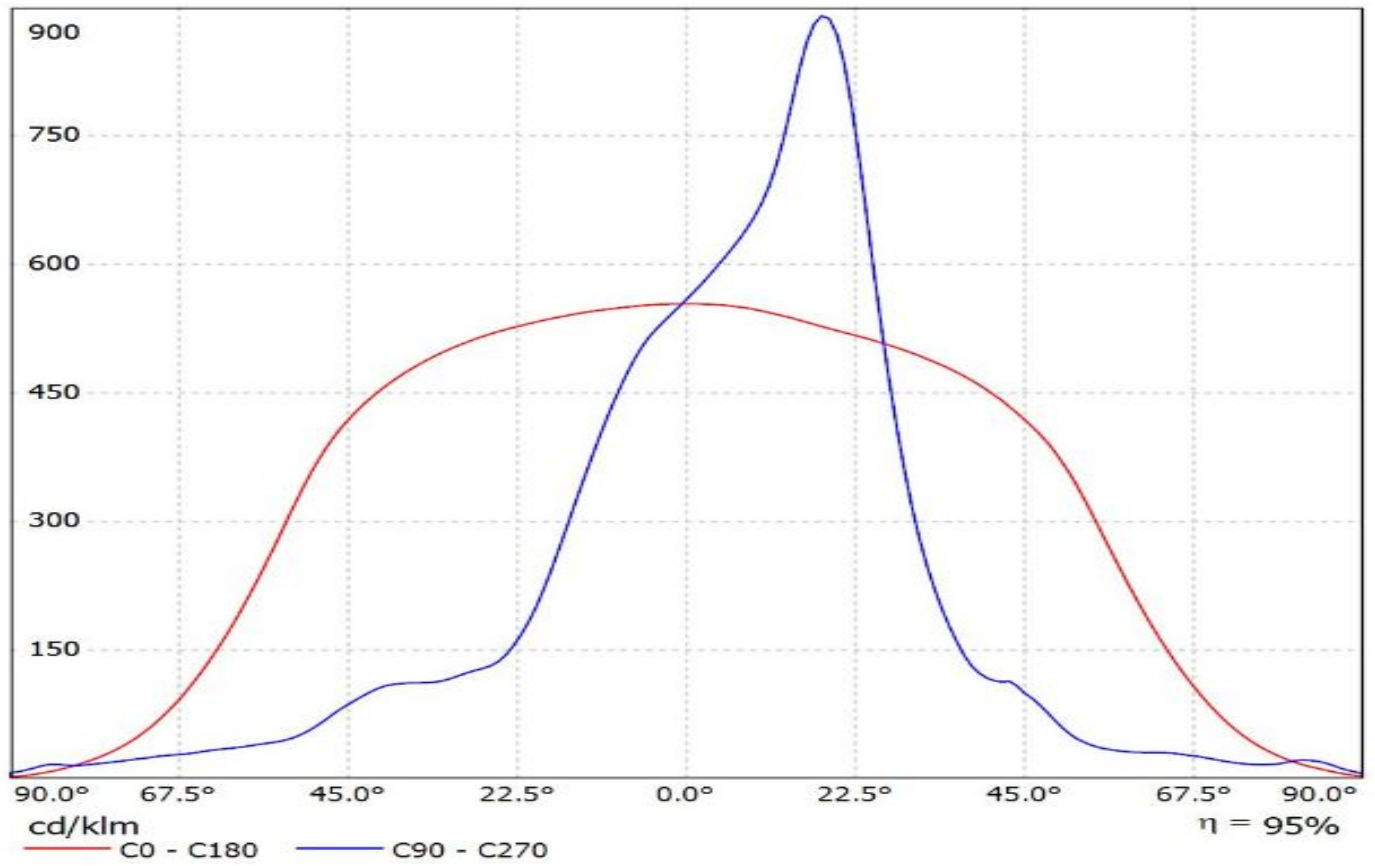


Luminaire: LEDiL Oy F14344_FLORENCE-1R-ZT25_(LM302A)
Lamps: 1 x Samsung_LM302A_865.46lm@100mA_P=6.64694W_I=0.1001A



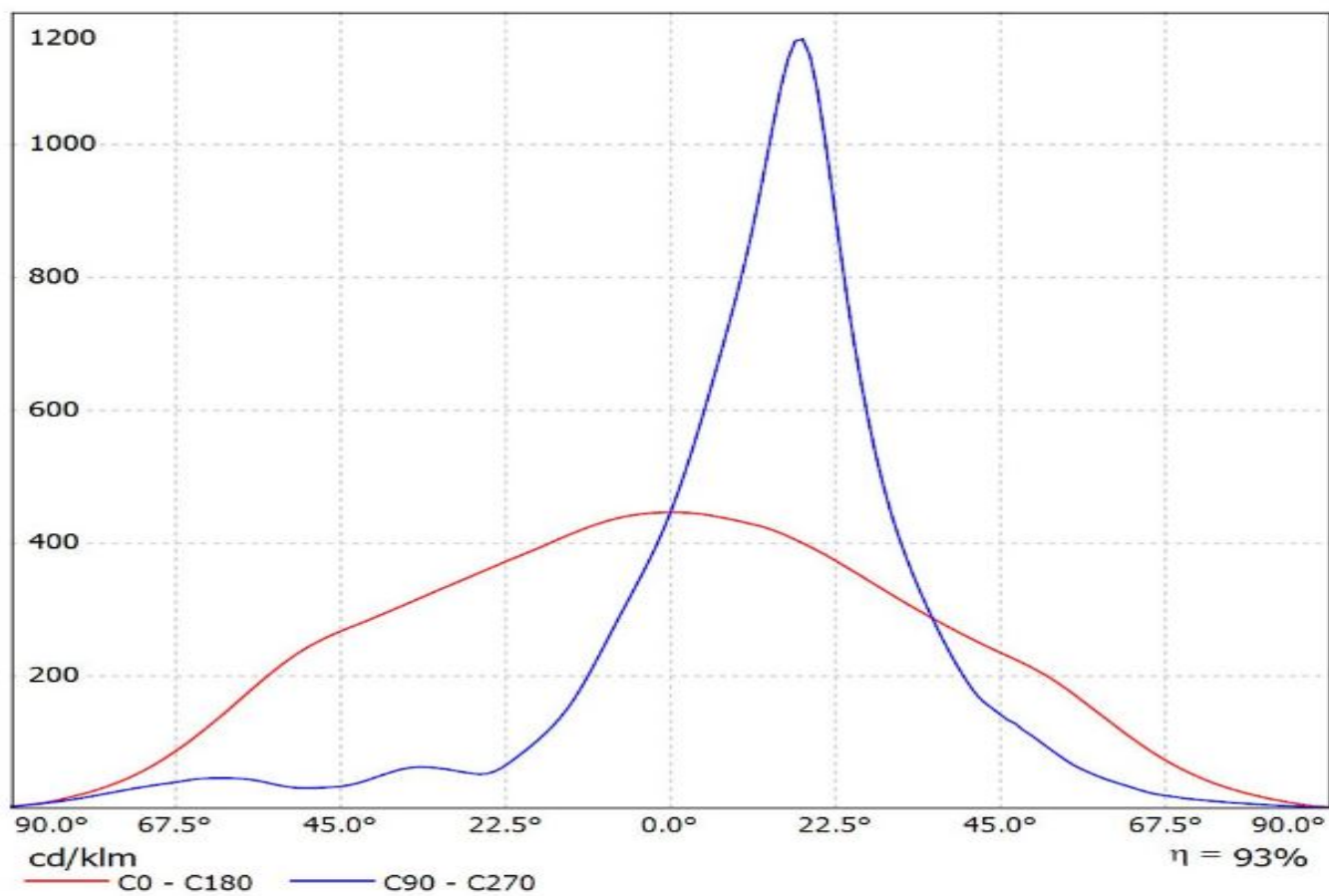
Luminaire: Ledil F14344_FLORENCE-1R-ZT25_(LT-S282N)

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

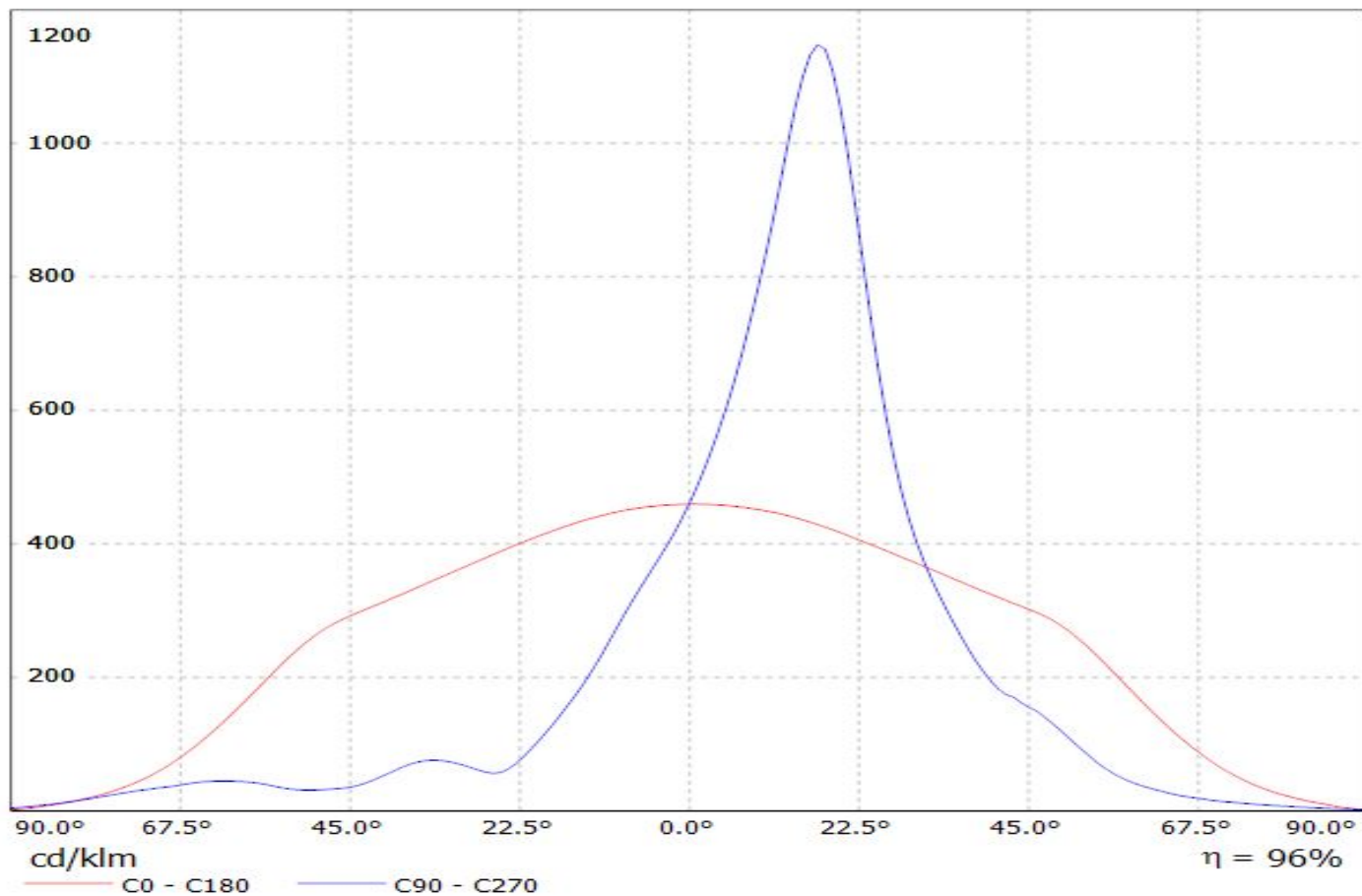


Luminaire: Ledil F14344_FLORENCE-1R-ZT25_(LM301A)

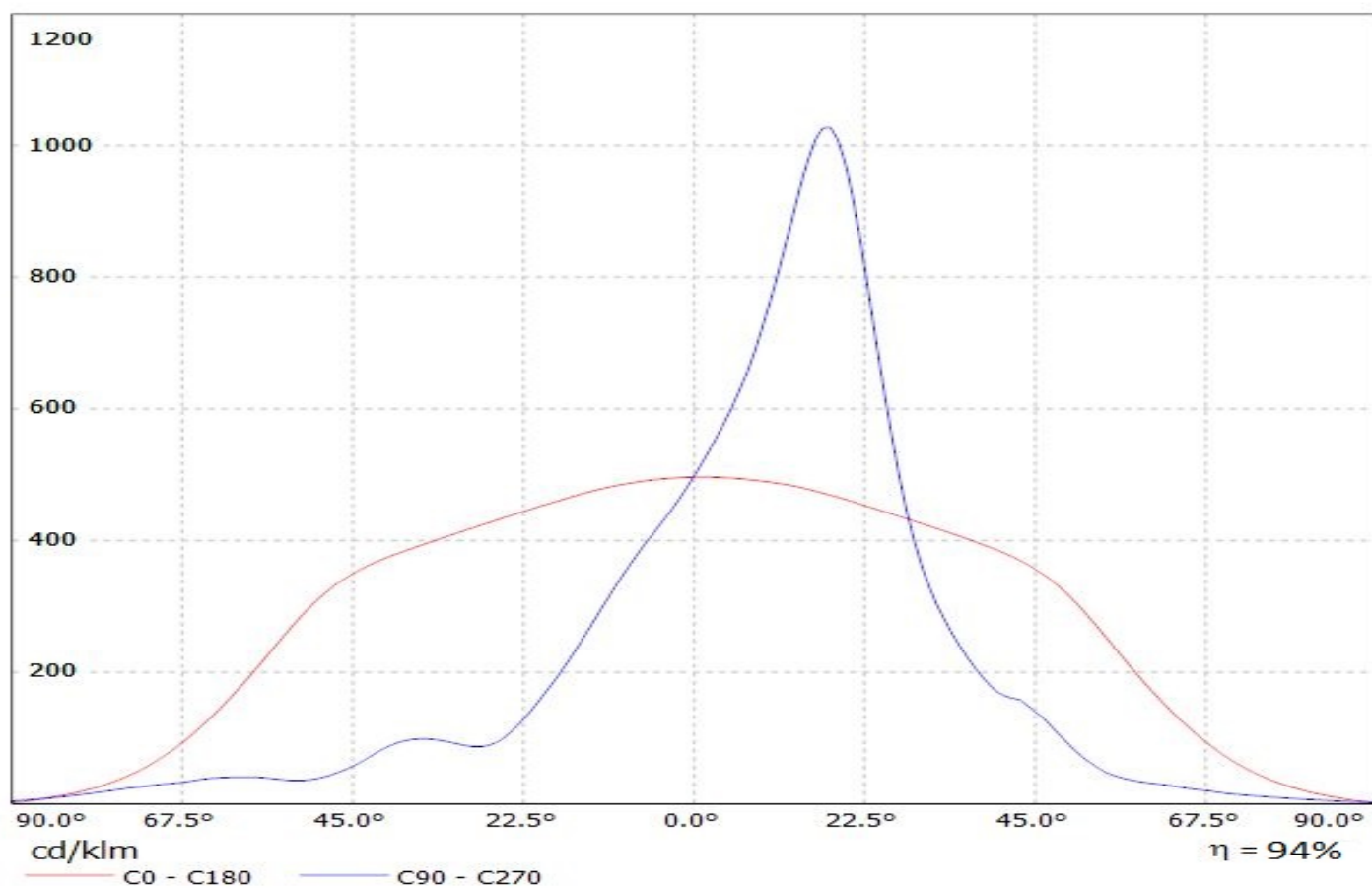
Lamps: 1 x Samsung_LM301A_x11_(SPMWHT328FD5WAT0S0)_1107.77lm@250mA_P=8.1W_I=0.25A



Luminaire: LEDiL Oy F14344_FLORENCE-1R-ZT25_(LM561C)
Lamps: 1 x Samsung_LM561C_685.154lm@130mA_P=3.9367W_I=0.130A



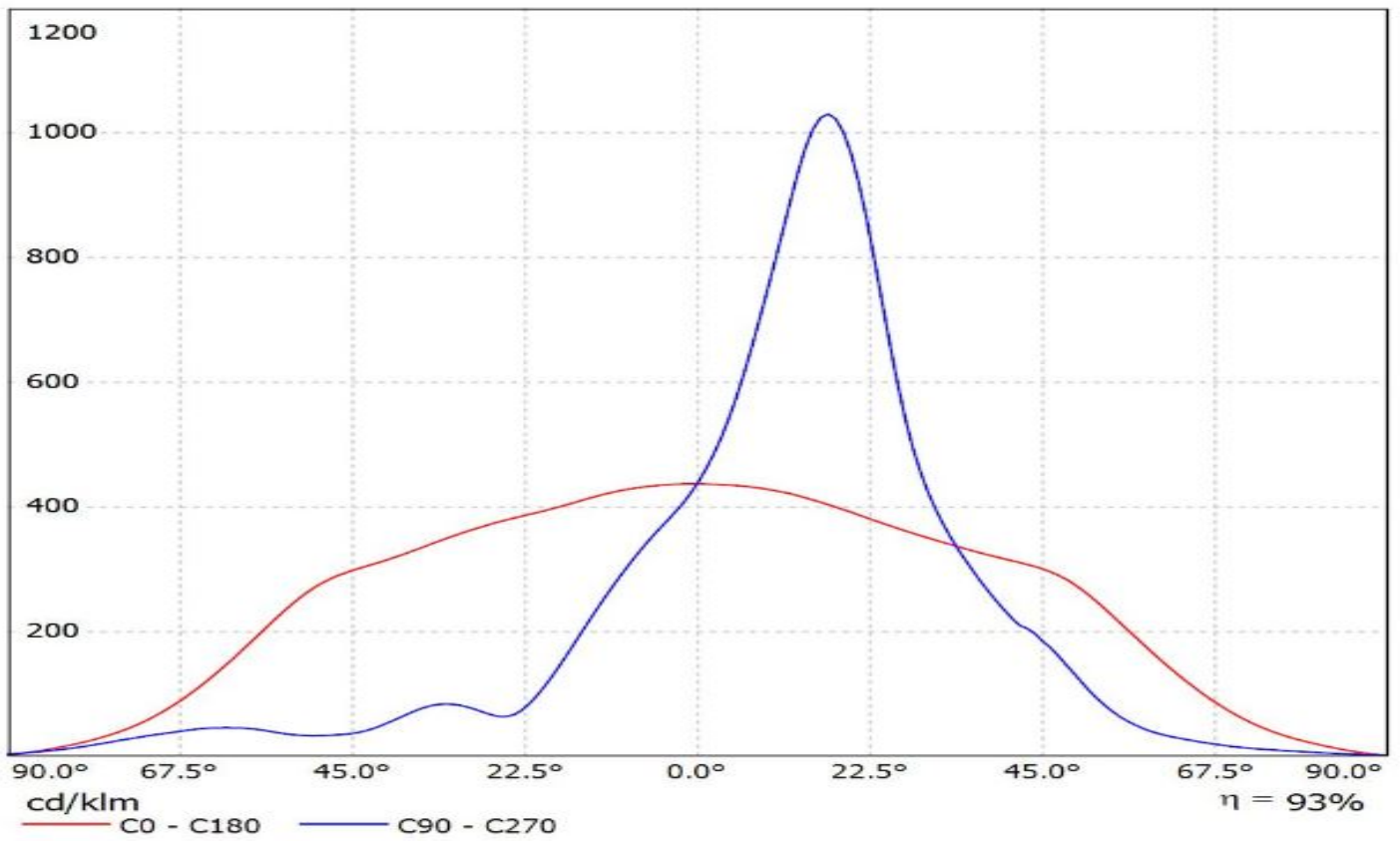
Luminaire: LEDiL Oy F14344_FLORENCE-1R-ZT25_(LM281B)
Lamps: 1 x Samsung_LM281B_1309.14lm@300mA_P=10.244W_I=0.300A



Ledil F14344_FLORENCE-1R-ZT25_(Seoul_3030) / LDC (Linear)

Luminaire: Ledil F14344_FLORENCE-1R-ZT25_(Seoul_3030)

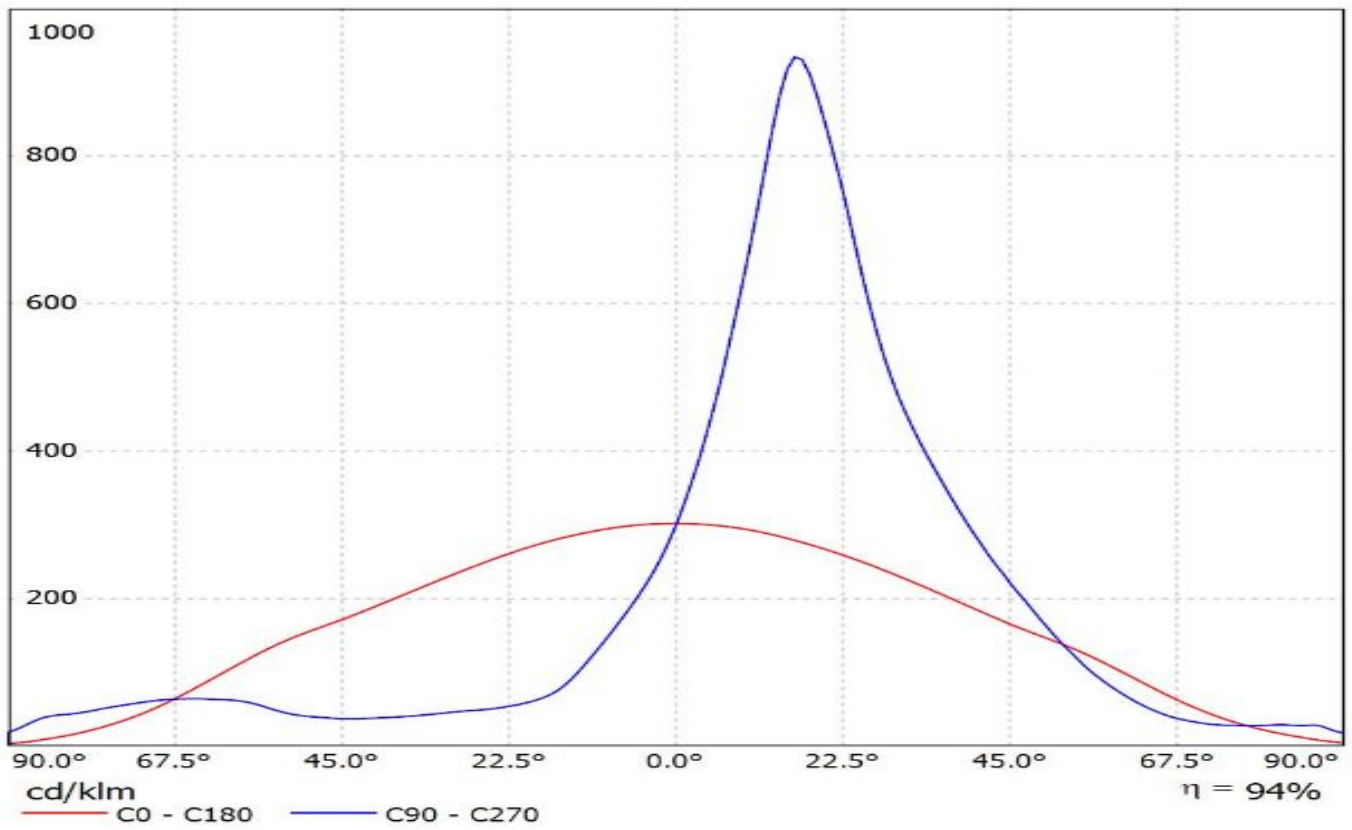
Lamps: 1 x Seoul_3030_x11_(STW8C2SA)_785.296lm@100mA_P=6.5W_I=0.1A



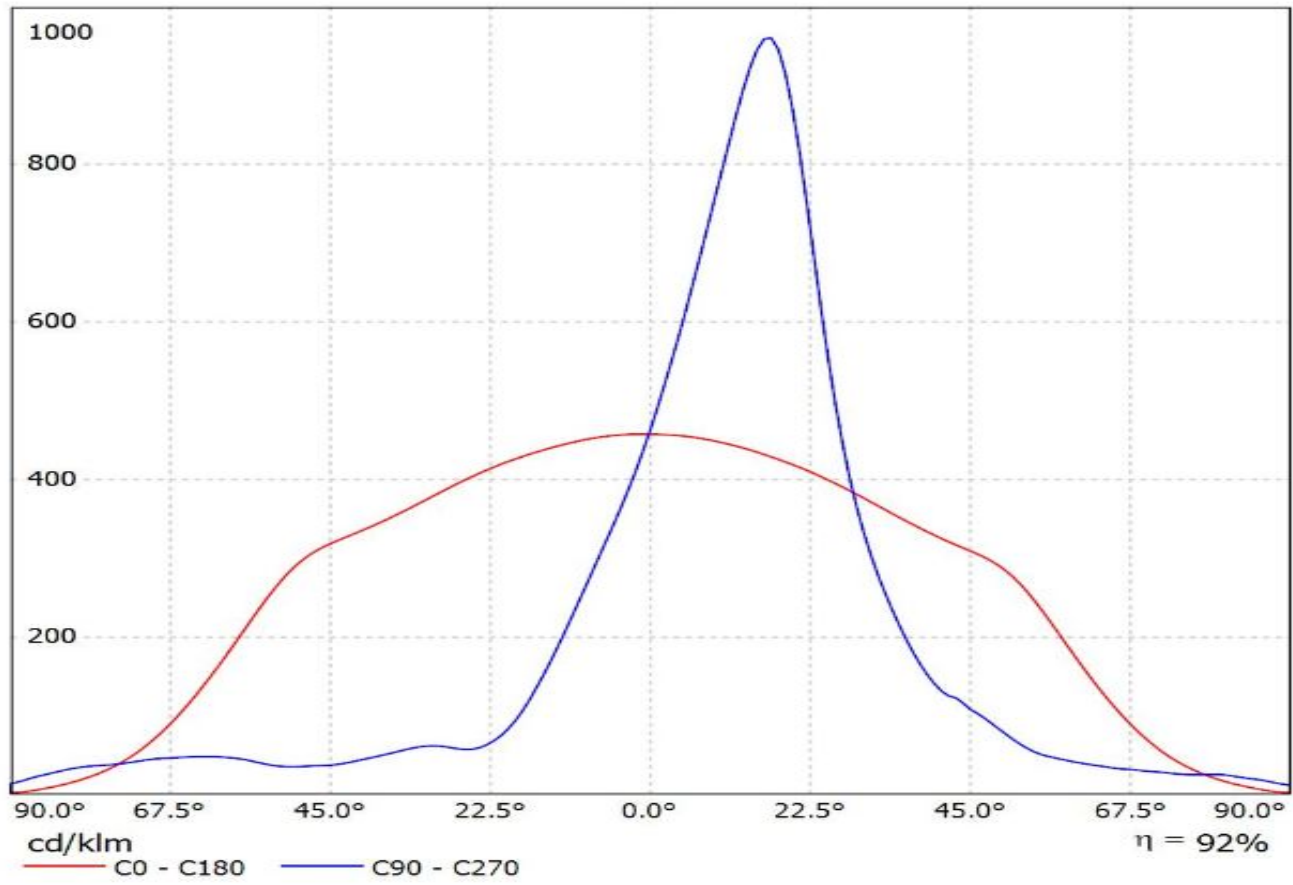
Ledil F14344_FLORENCE-1R-ZT2_(CALGD0414-M8W1) / LDC (Linear)

Luminaire: Ledil F14344_FLORENCE-1R-ZT2_(CALGD0414-M8W1)

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

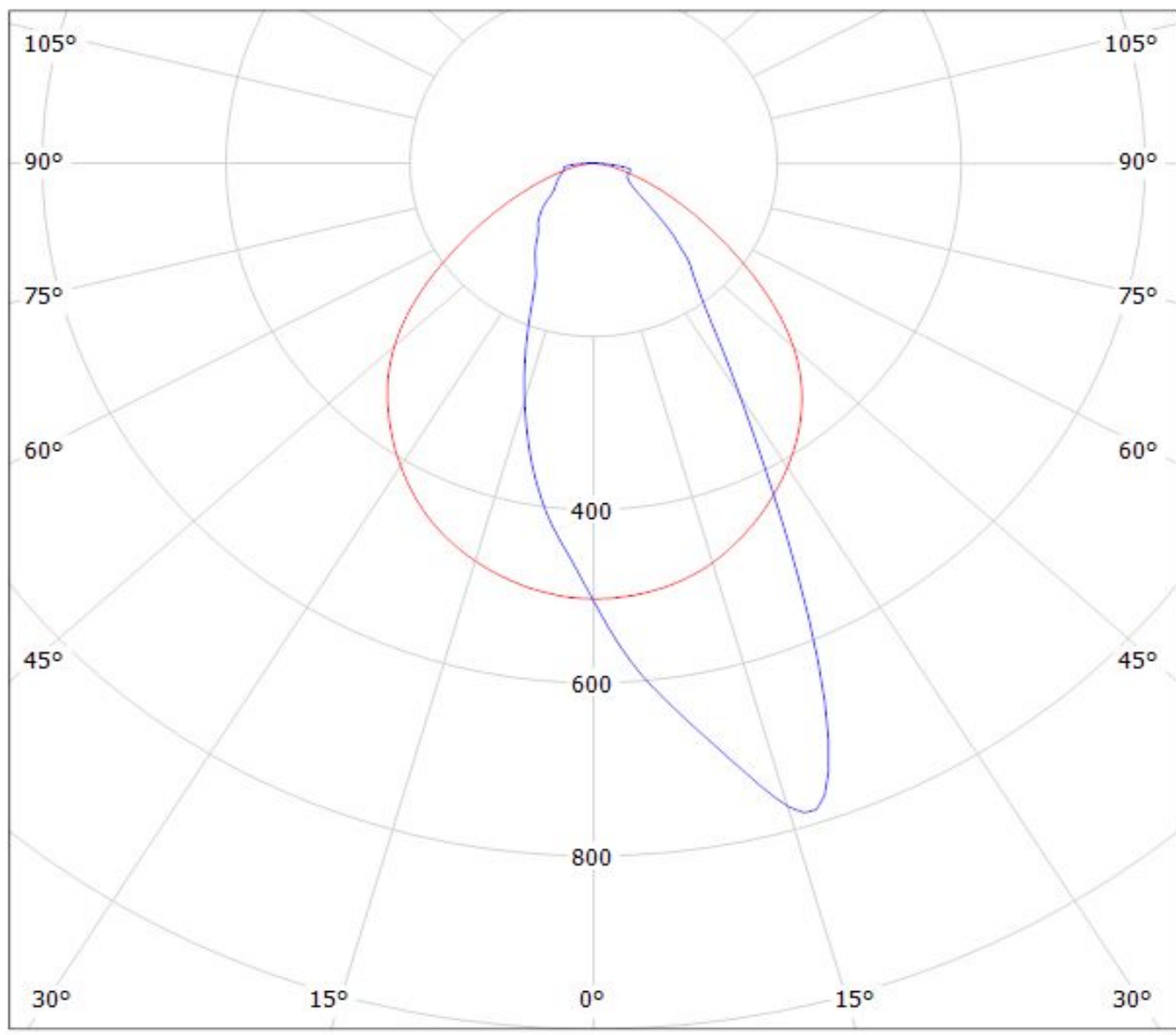


Luminaire: Ledil F14344_FLORENCE-1R-ZT25_(CALGD0814-M17W1)
Lamps: 1 x Citizen_(CALGD0814-M17W1)_1061lm@350mA_P=7.96302W_I=0.3499A



Luminaire: Ledil F14344_FLORENCE-1R-ZT25_(CeZos)

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

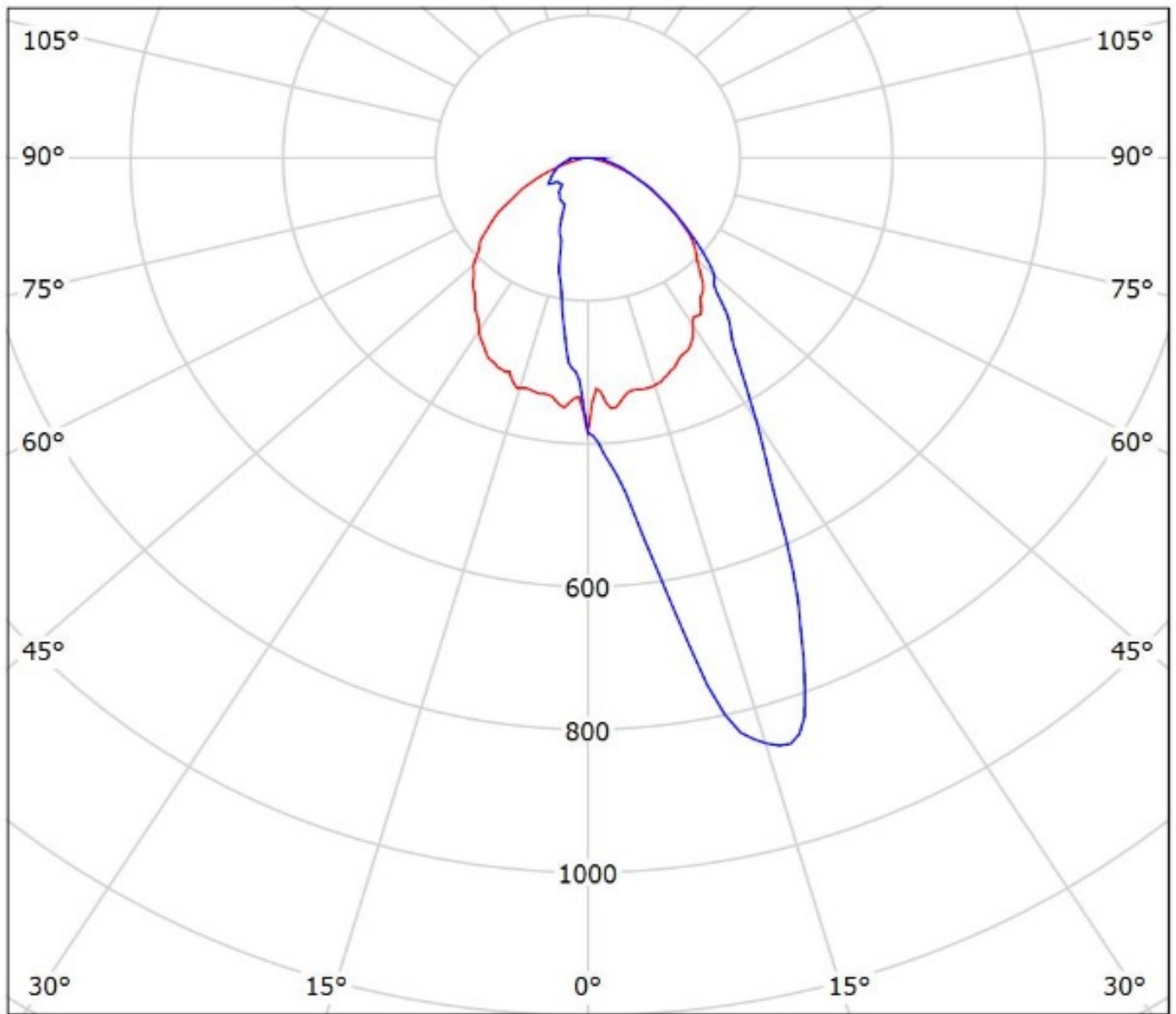


cd/klm

— C0 - C180 — C90 - C270

$\eta = 92\%$

Luminaire: Ledil Oy F14344_FLORENCE-1R-ZT25_(5630)_SIMULATED
Lamps: 1 x LG 5630



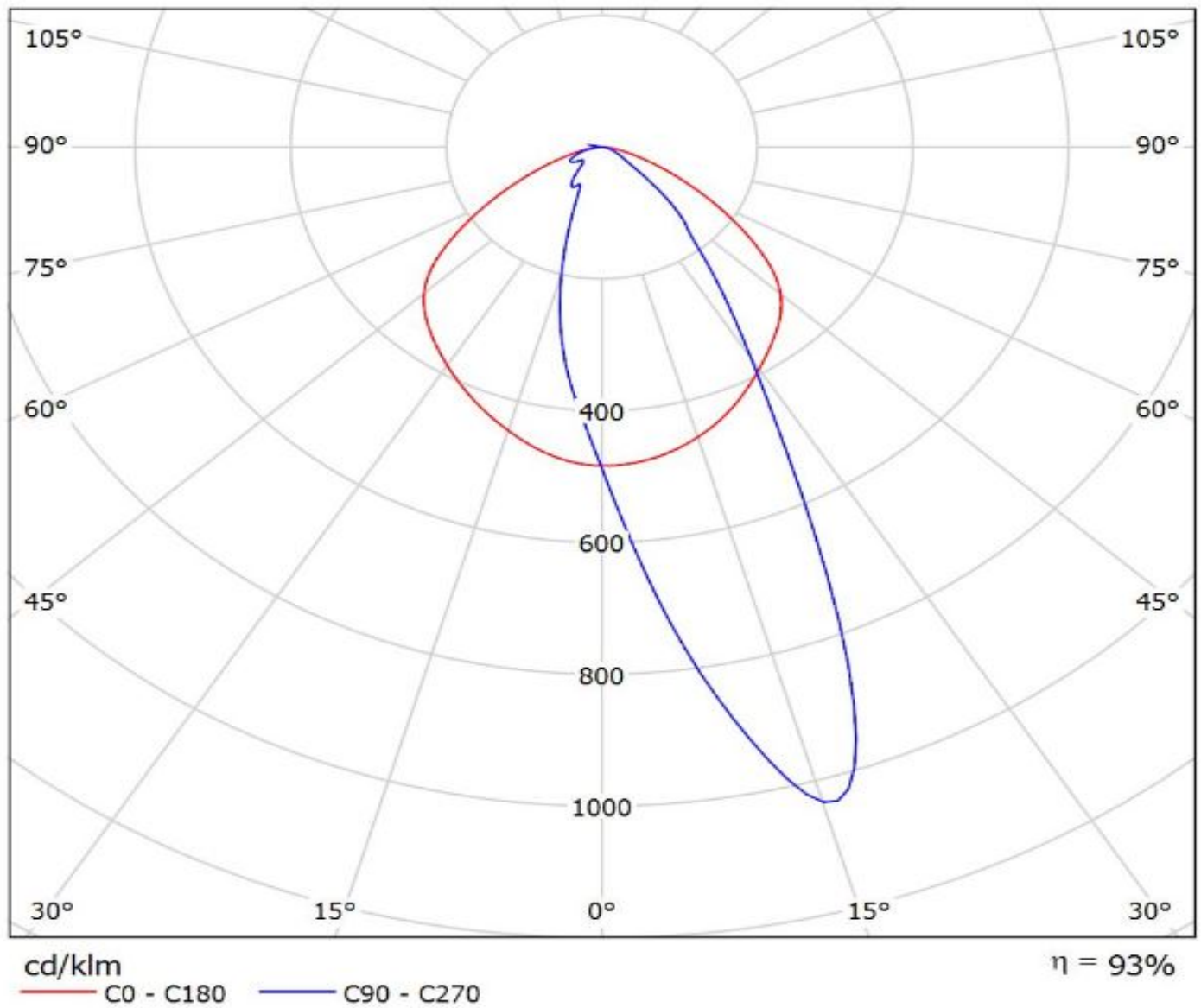
cd/klm

— C0 - C180 — C90 - C270

$\eta = 90\%$

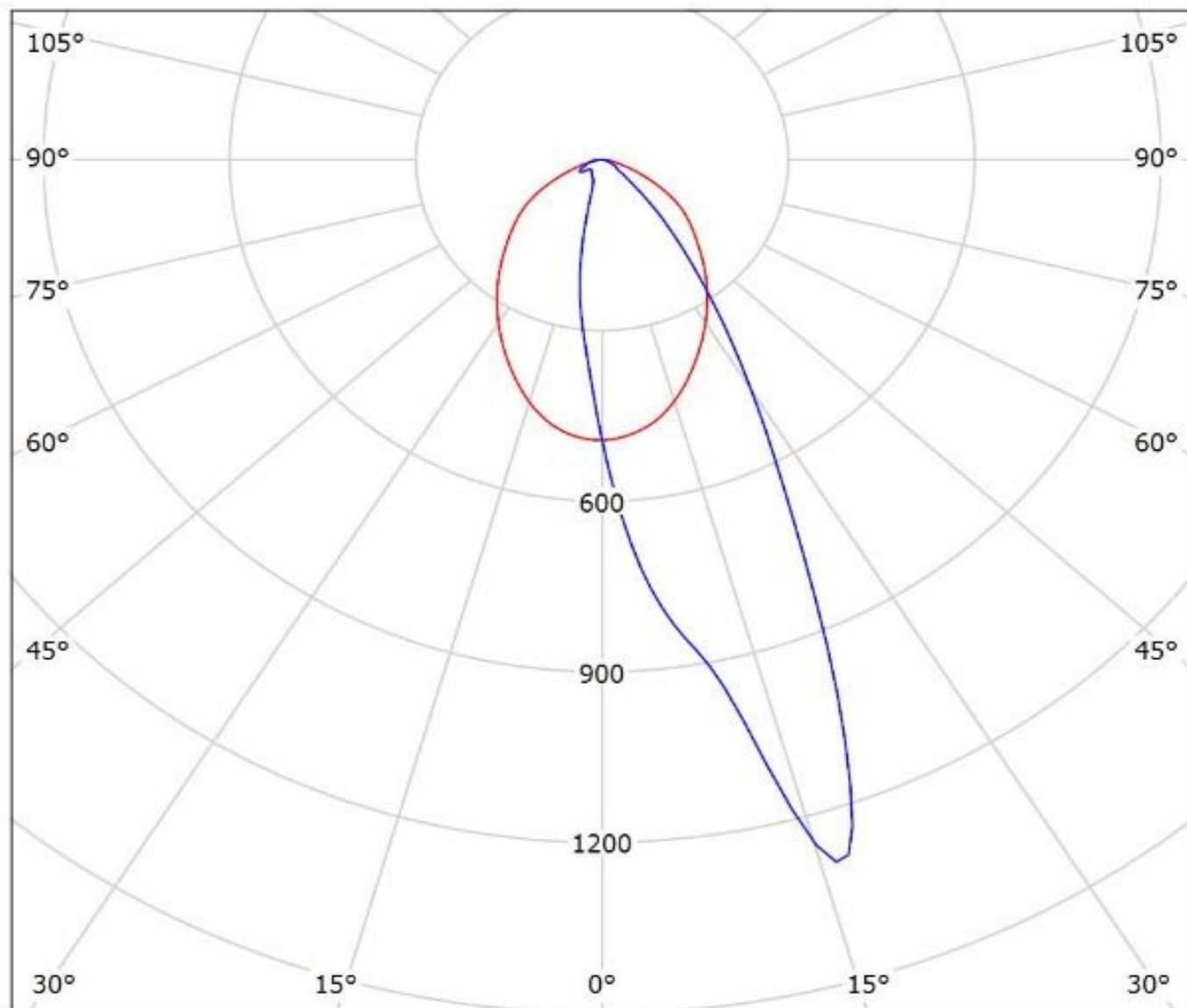
Ledil F14344_FLORENCE-1R-ZT25_(Luxeon_3030_2D) / LDC (Polar)

Luminaire: Ledil F14344_FLORENCE-1R-ZT25_(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 F14344_FLORENCE-1R-ZT25_(3014_x22)

Lamps: 1 x Luxeon_3014_x22_(L130-5080)_283.51lm@60mA_P=1.9087W_I=0.060mA



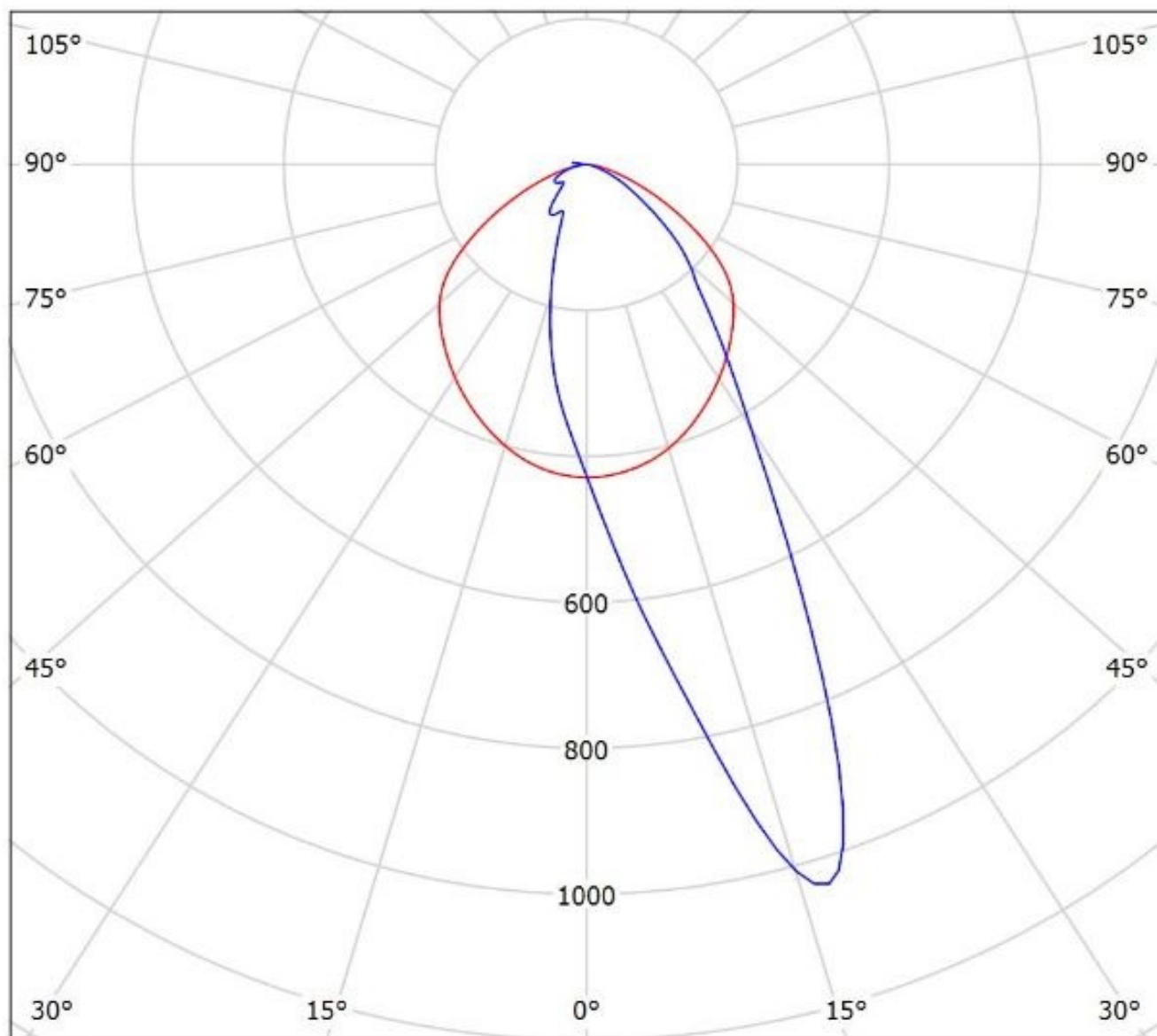
cd/klm

— C0 - C180 — C90 - C270

$\eta = 94\%$

Luminaire: Ledil F14344_FLORENCE-1R-ZT25_(3535L_x22)

Lamps: 1 x Luxeon_3535L_x22_(MXA8-PW50)_507.681lm@100mA_P=2.9953W_I=0.100mA



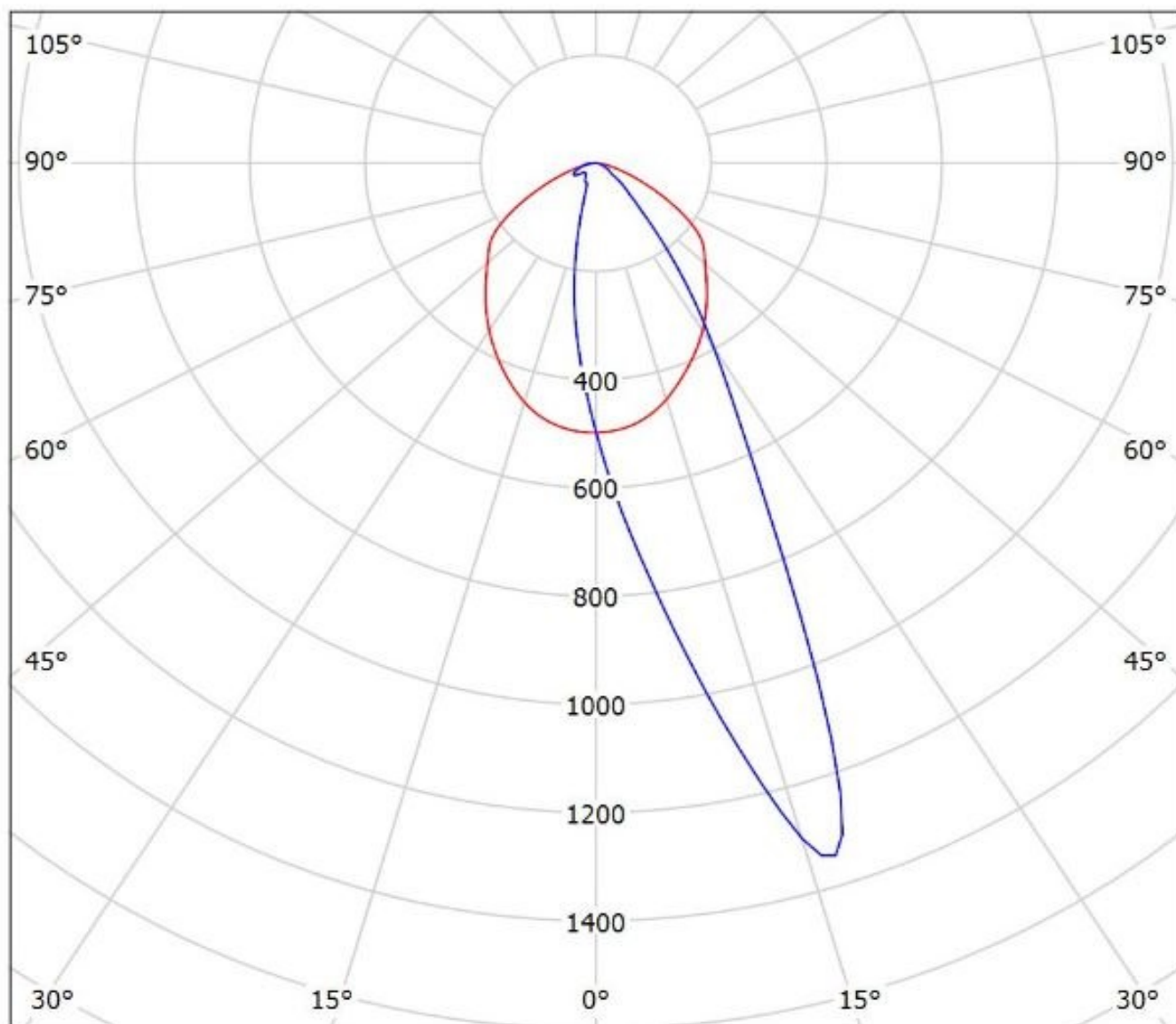
cd/klm

— C0 - C180 — C90 - C270

$\eta = 94\%$

Luminaire: Ledil F14344_FLORENCE-1R-ZT25_(3020)

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



cd/klm

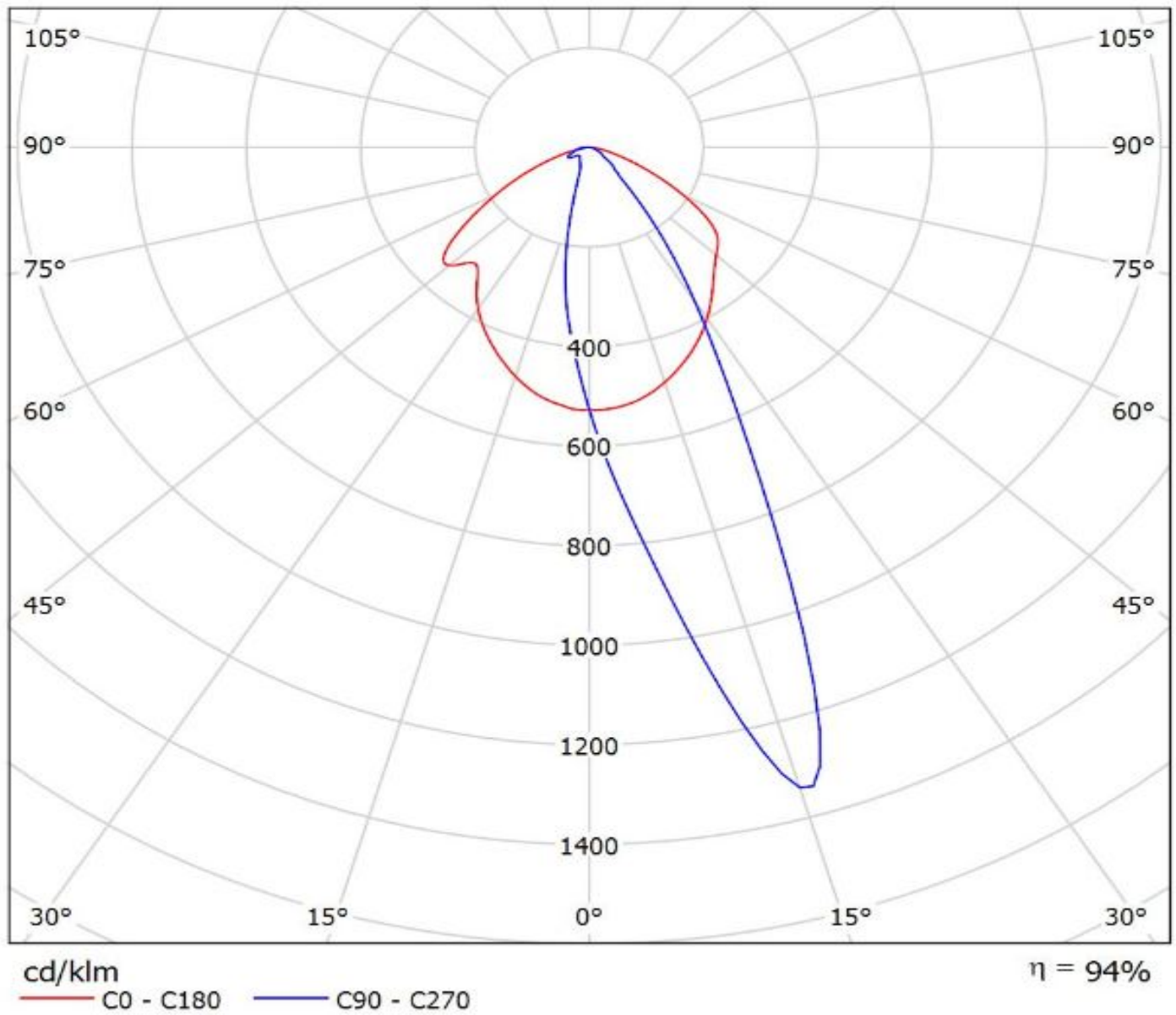
— C0 - C180 — C90 - C270

$\eta = 94\%$

Ledil F14344_FLORENCE-1R-ZT25_(Luminus_MP-2016) / LDC (Polar)

Luminaire: Ledil F14344_FLORENCE-1R-ZT25_(Luminus_MP-2016)

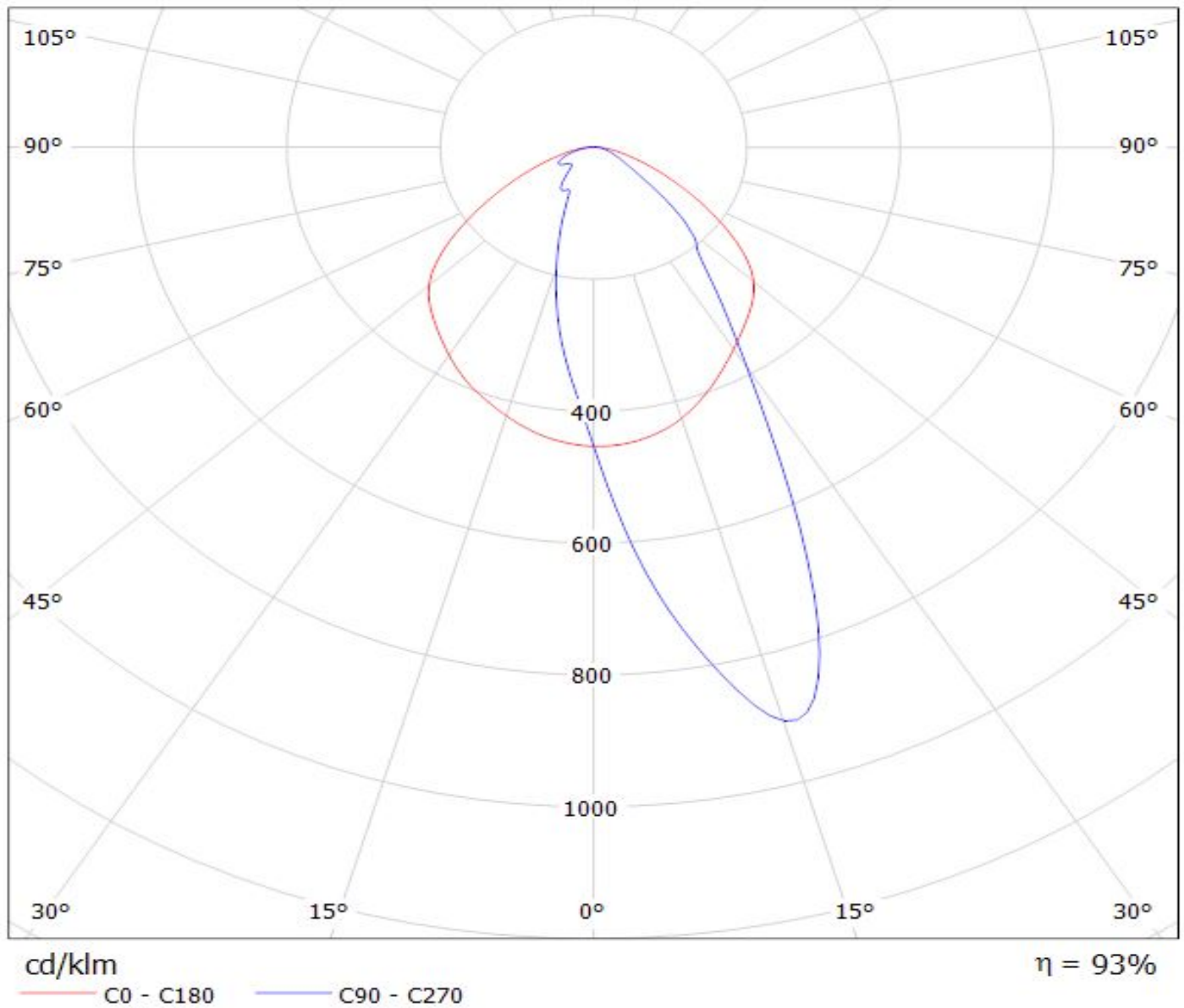
Lamps: 1 x Luminus_MP-2016_1x22_(LUMMP-1100-30-80)_471.904lm@120mA_P=4W_I=0.12A



Ledil F14344_FLORENCE-1R-ZT25_(NF2x757D) / LDC (Polar)

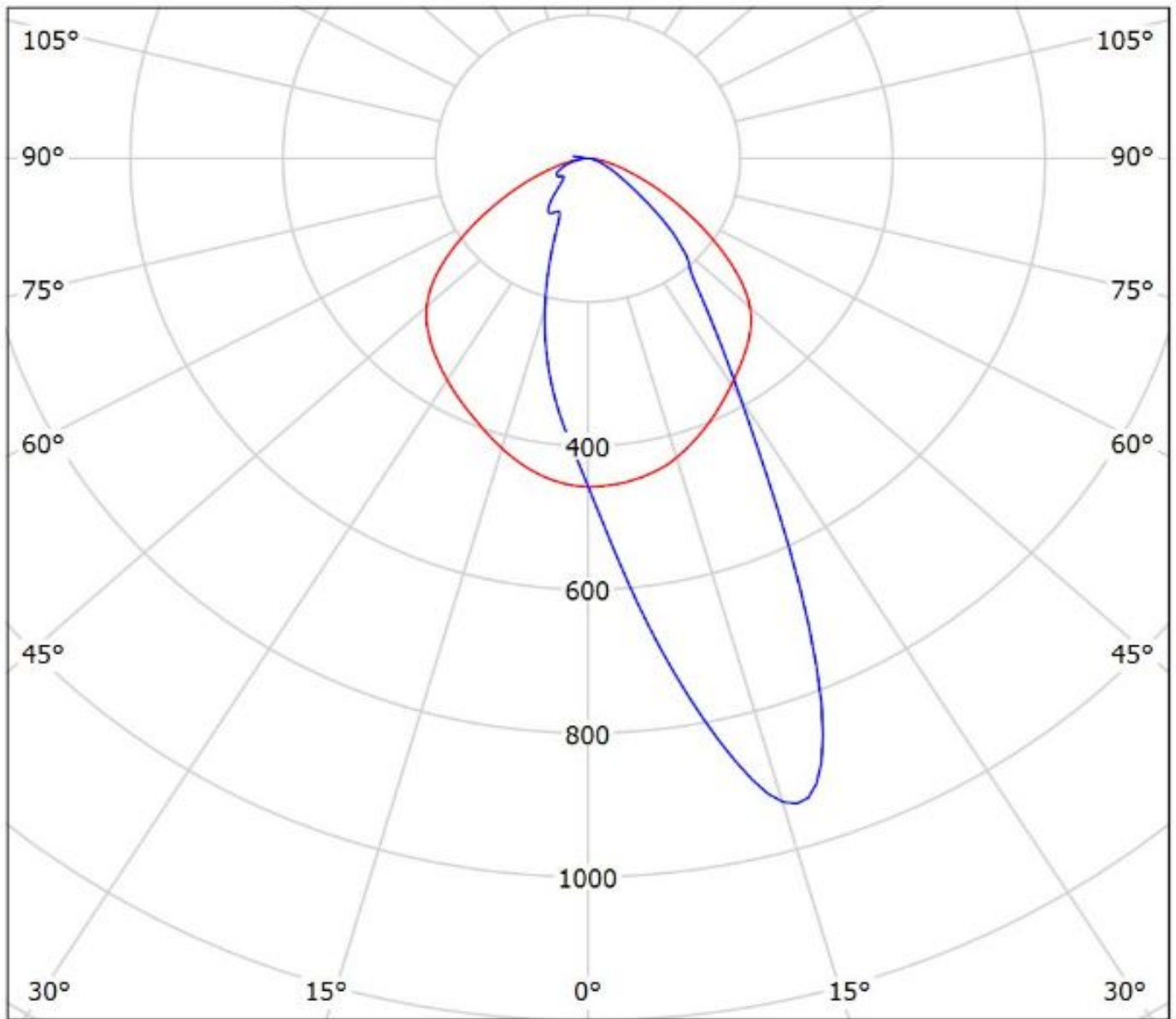
Luminaire: Ledil F14344_FLORENCE-1R-ZT25_(NF2x757D)

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



Luminaire: Ledil F14344_FLORENCE-1R-ZT25_(NF2W757G)

Lamps: 1 x NF2W757G_377.885lm@65mA_CCT=?K_P=1.97W_I=0.065A



cd/klm

— C0 - C180 — C90 - C270

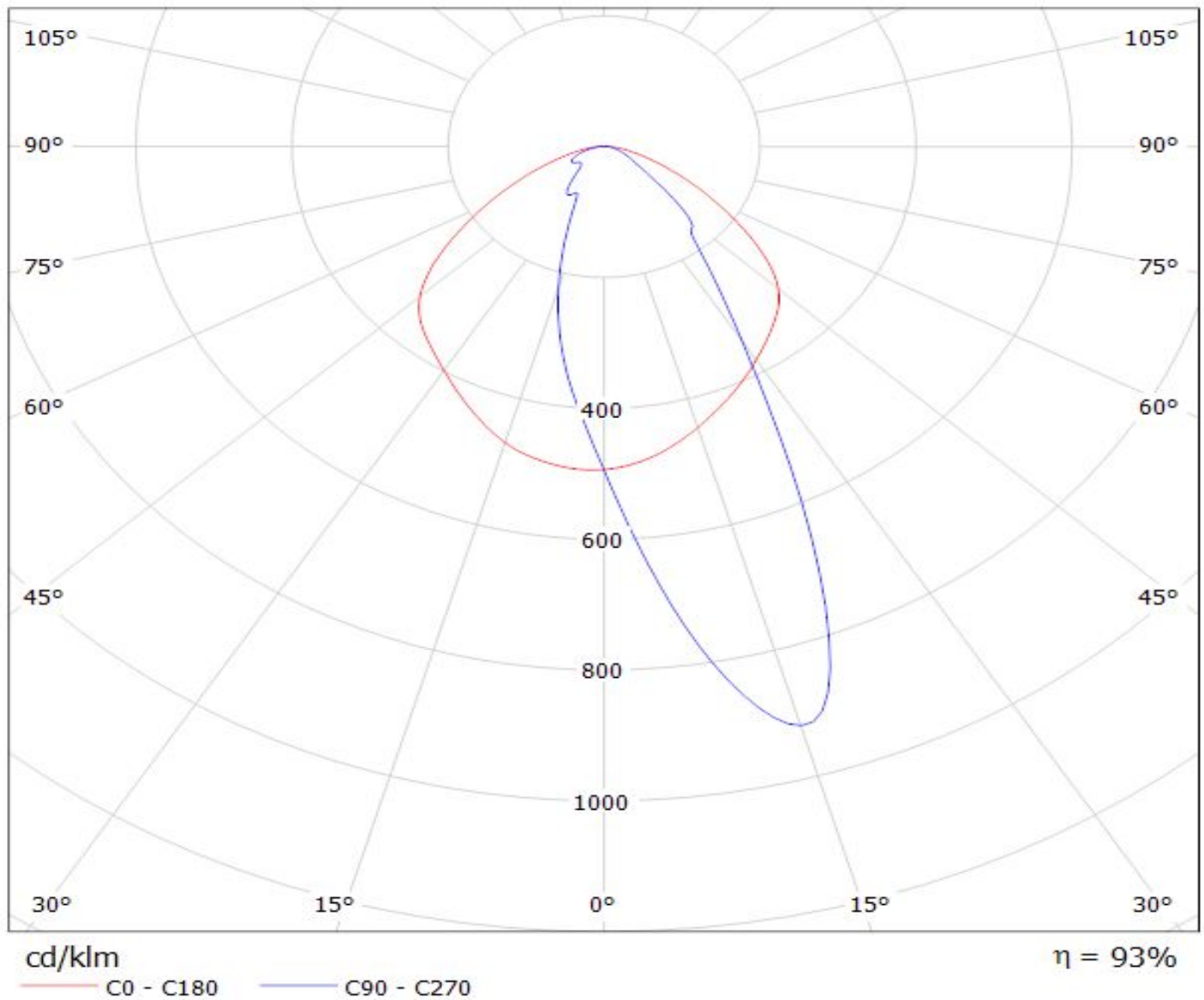
$\eta = 92\%$

Ledil F14344_FLORENCE-1R-ZT25_(Duris_S5) / LDC (Polar)

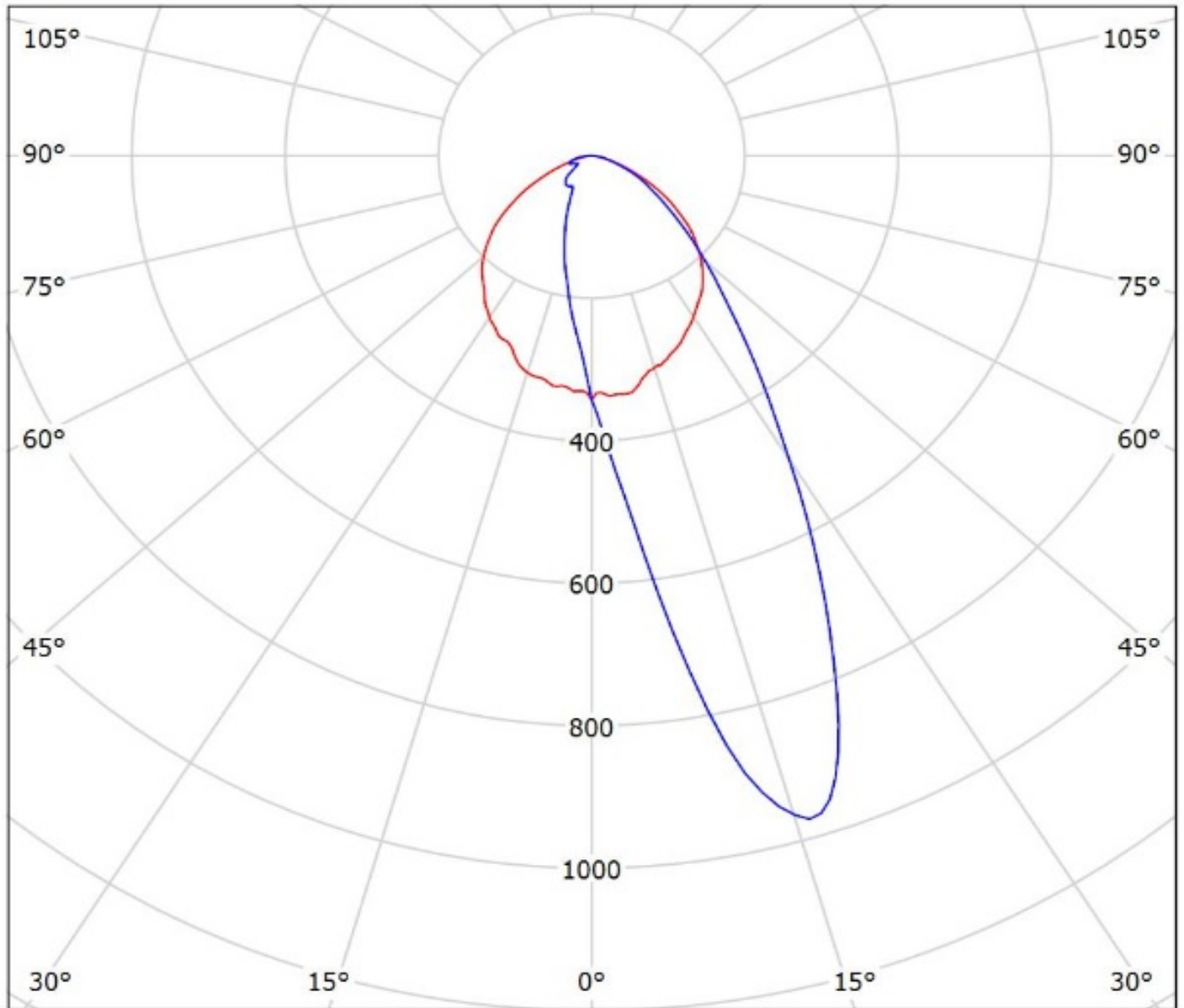
Luminaire: Ledil F14344_FLORENCE-1R-ZT25_(Duris_S5)

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

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



Luminaire: Ledil Oy F14344_FLORENCE-1R-ZT25_(Duris_E_2835)_SIMULATED
Lamps: 1 x Osram Duris E 2835 - GW JTLRS1.EM

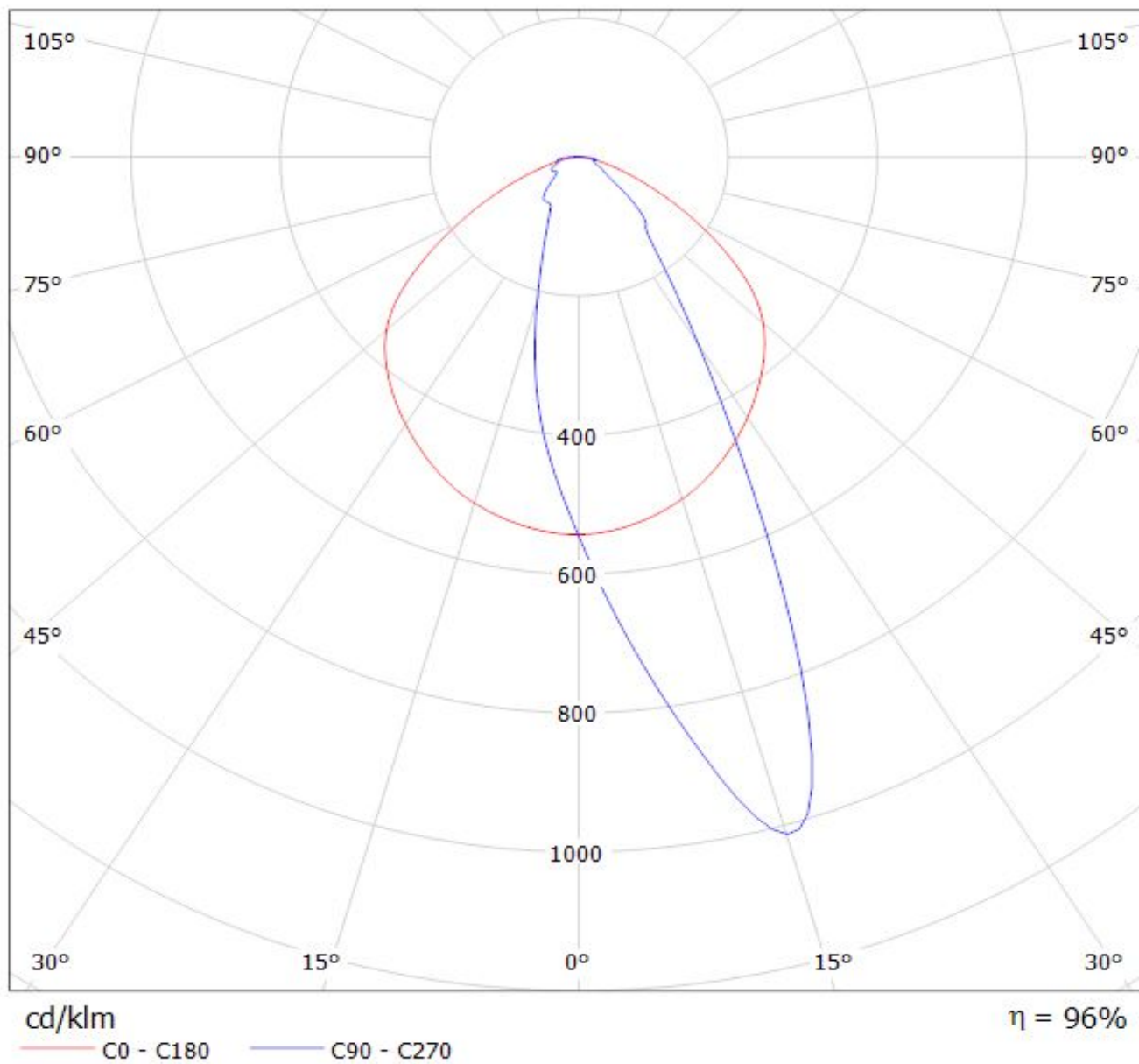


cd/klm
— C0 - C180 — C90 - C270

$\eta = 92\%$

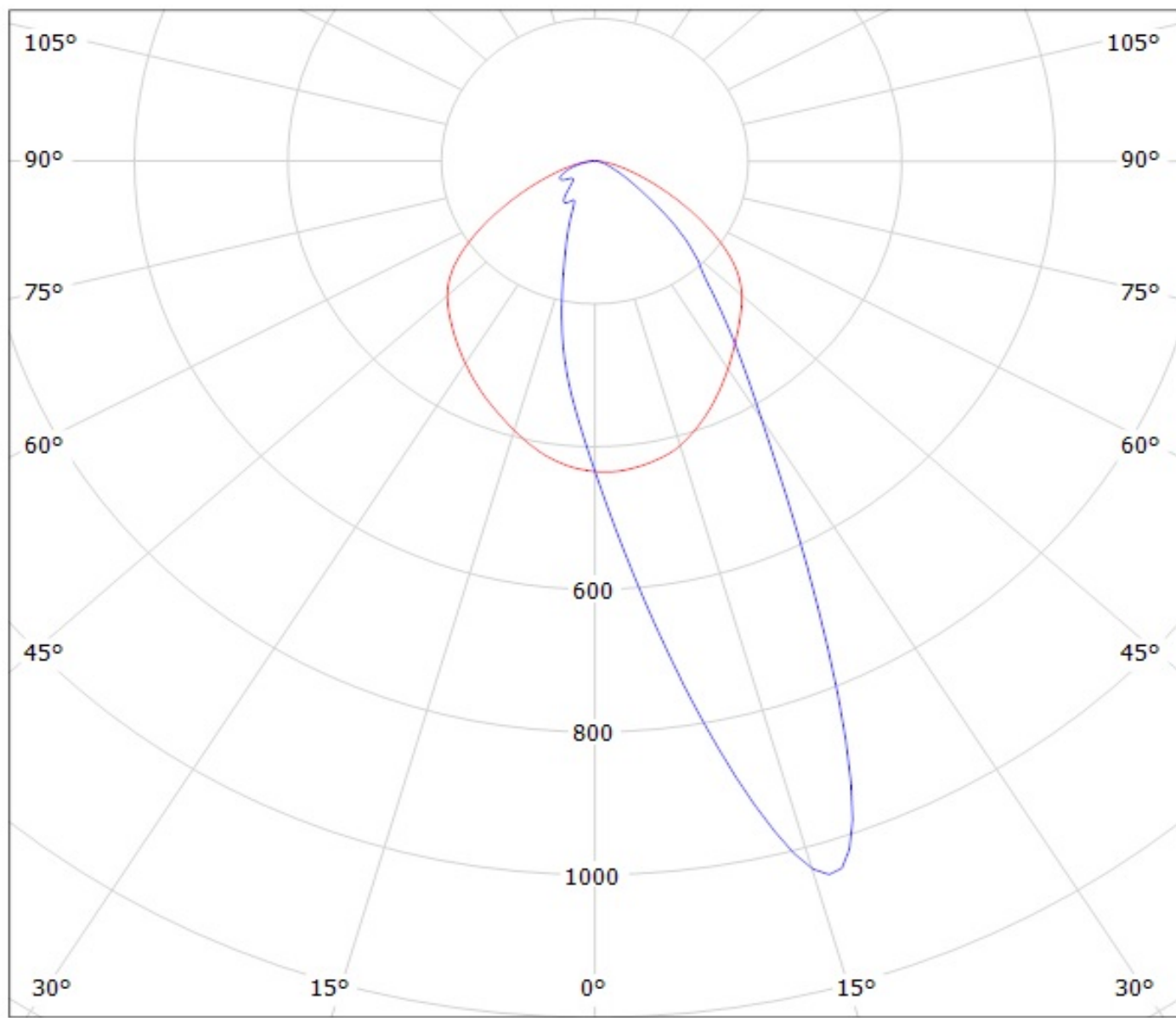
Luminaire: LEDiL Oy F14344_FLORENCE-1R-ZT25_1

Lamps: 1 x FORTIMO-1R_PCB_1063.12lm@250mA_P=8.02029W_I=249.9mA



Luminaire: LEDiL Oy F14344_FLORENCE-1R-ZT25_(LM302A)

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



cd/klm

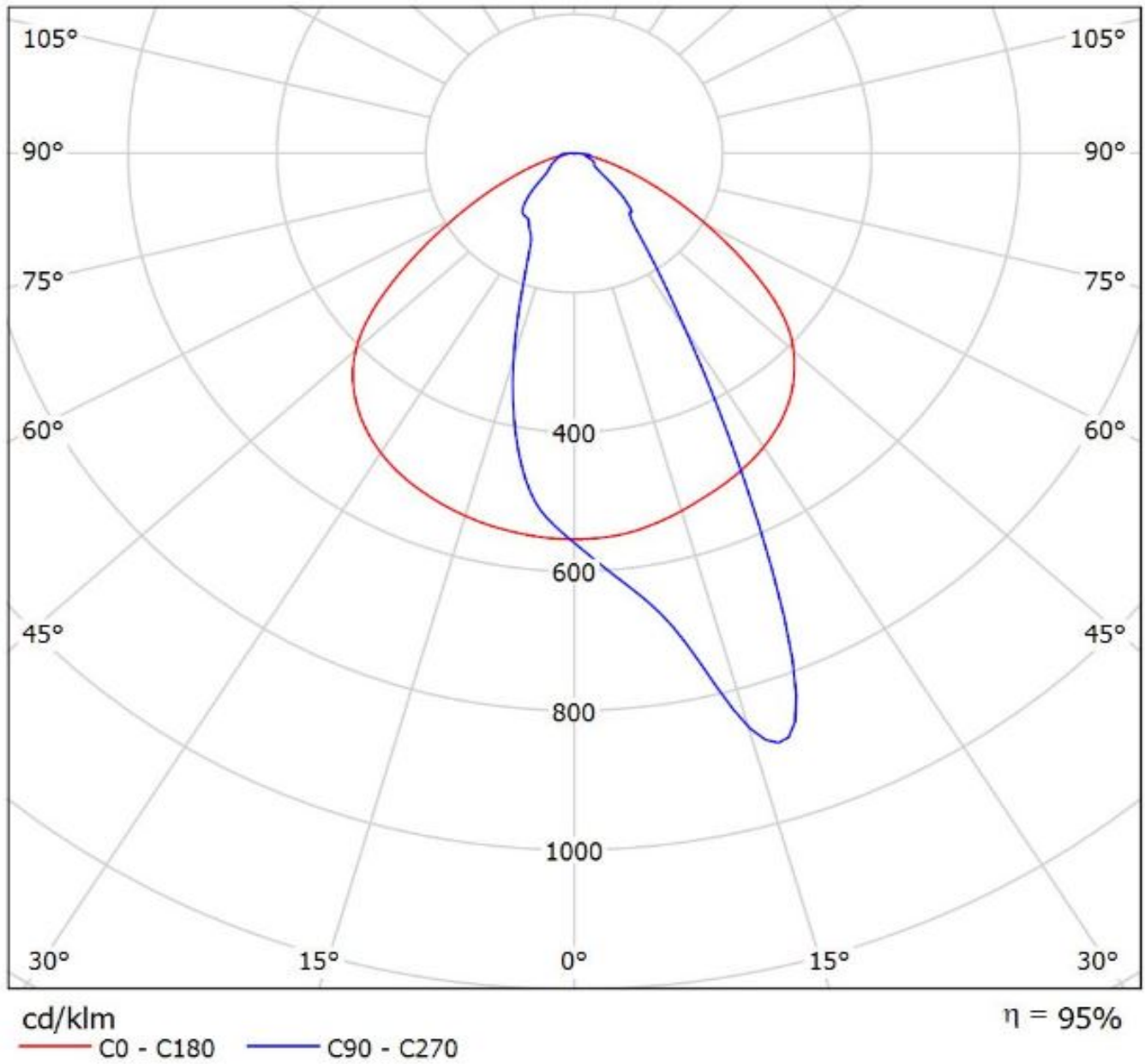
$\eta = 94\%$

— C0 - C180

— C90 - C270

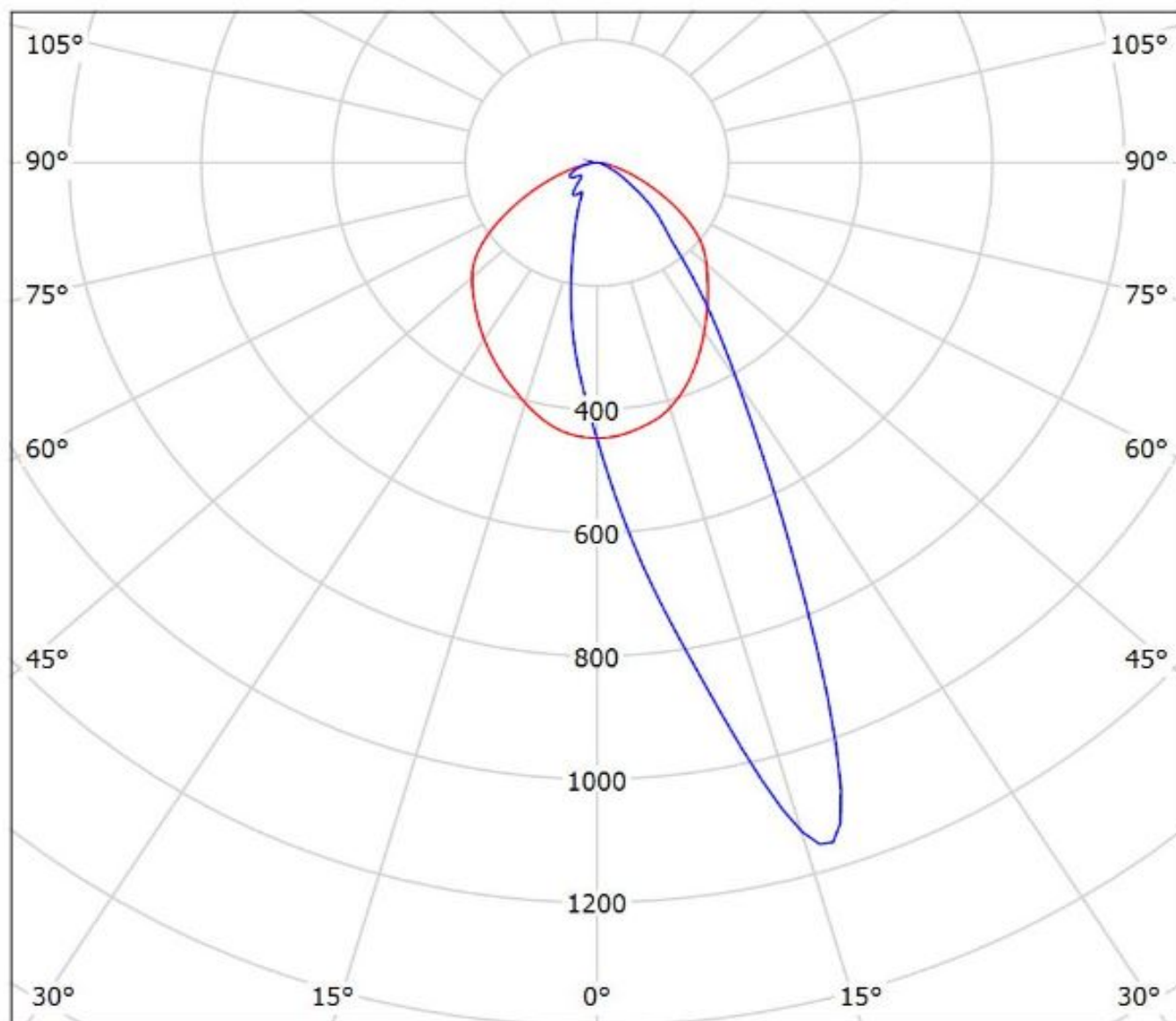
Luminaire: Ledil F14344_FLORENCE-1R-ZT25_(LT-S282N)

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



Luminaire: Ledil F14344_FLORENCE-1R-ZT25_(LM301A)

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

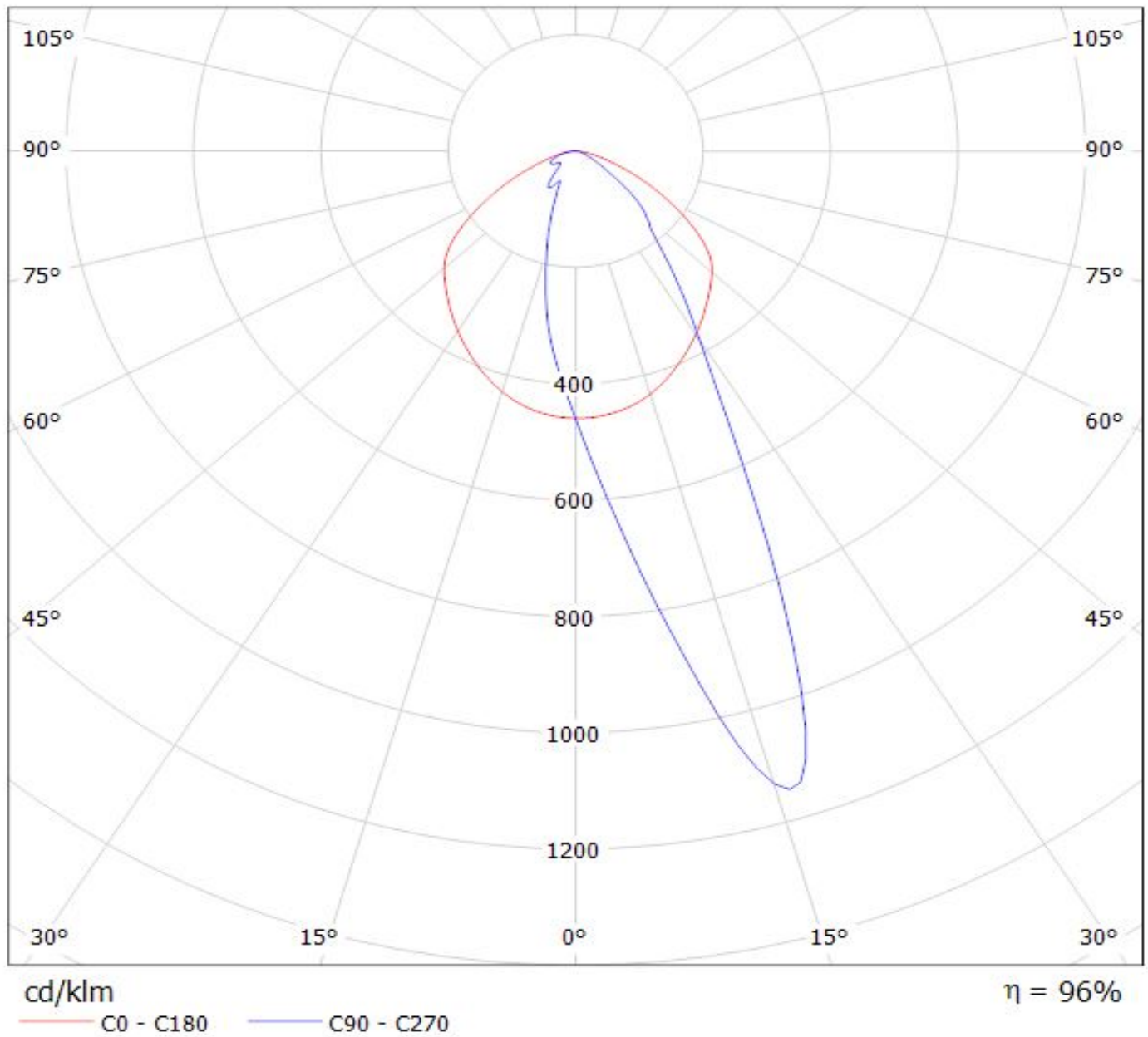


cd/klm

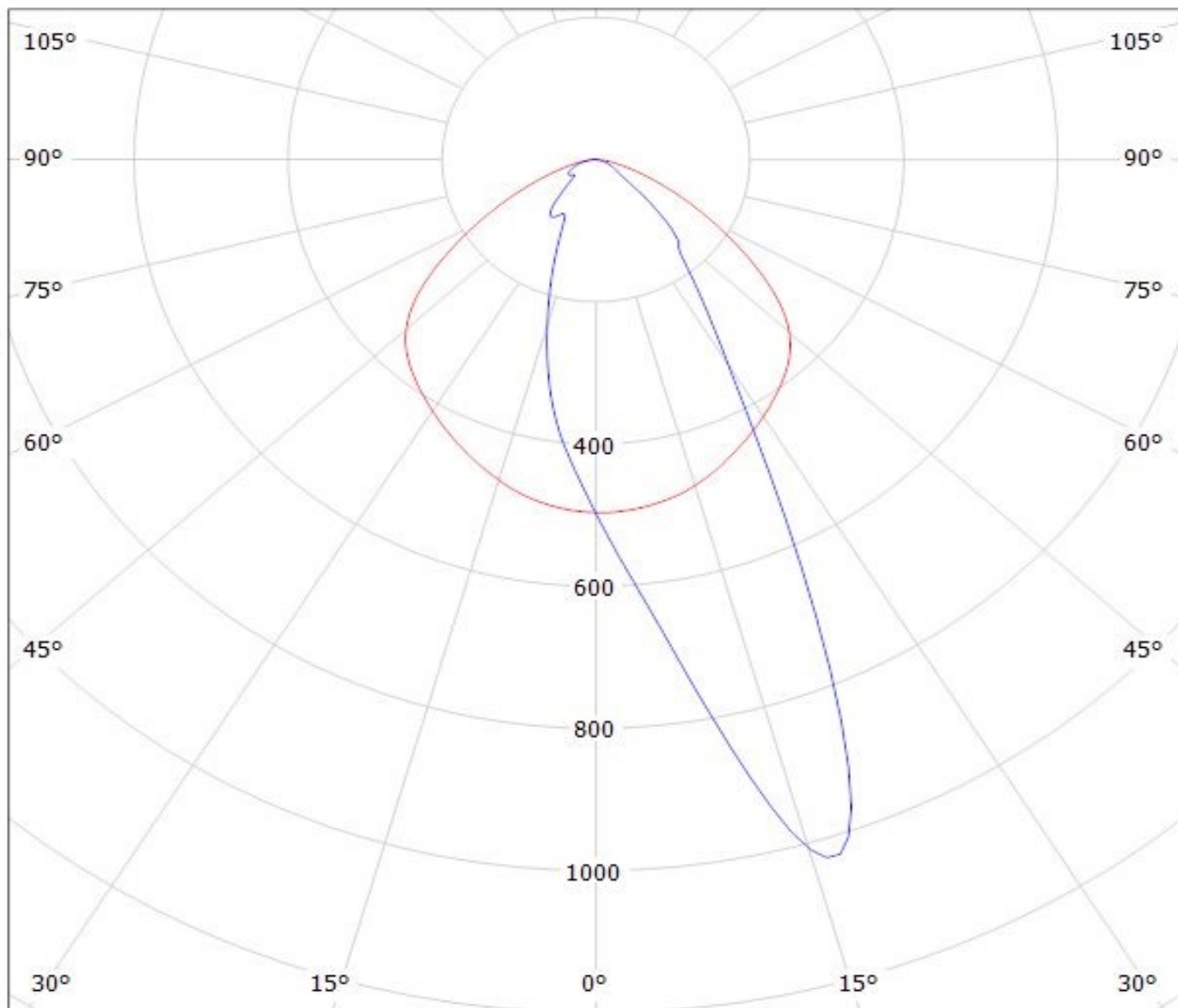
— C0 - C180 — C90 - C270

$\eta = 93\%$

Luminaire: LEDiL Oy F14344_FLORENCE-1R-ZT25_(LM561C)
Lamps: 1 x Samsung_LM561C_685.154lm@130mA_P=3.9367W_I=0.130A



Luminaire: LEDiL Oy F14344_FLORENCE-1R-ZT25_(LM281B)
Lamps: 1 x Samsung_LM281B_1309.14lm@300mA_P=10.244W_I=0.300A



cd/klm

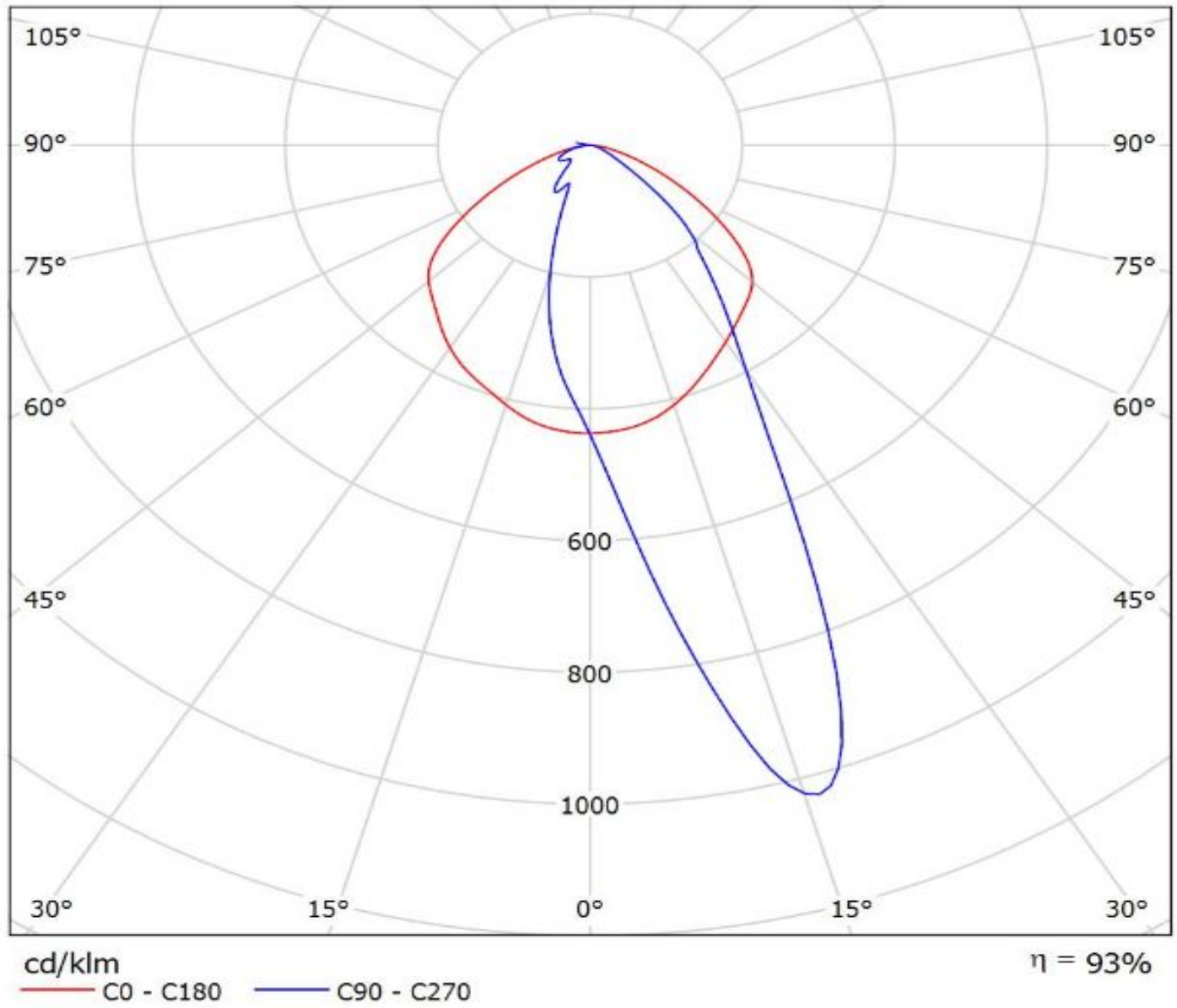
— C0 - C180 — C90 - C270

$\eta = 94\%$

Ledil F14344_FLORENCE-1R-ZT25_(Seoul_3030) / LDC (Polar)

Luminaire: Ledil F14344_FLORENCE-1R-ZT25_(Seoul_3030)

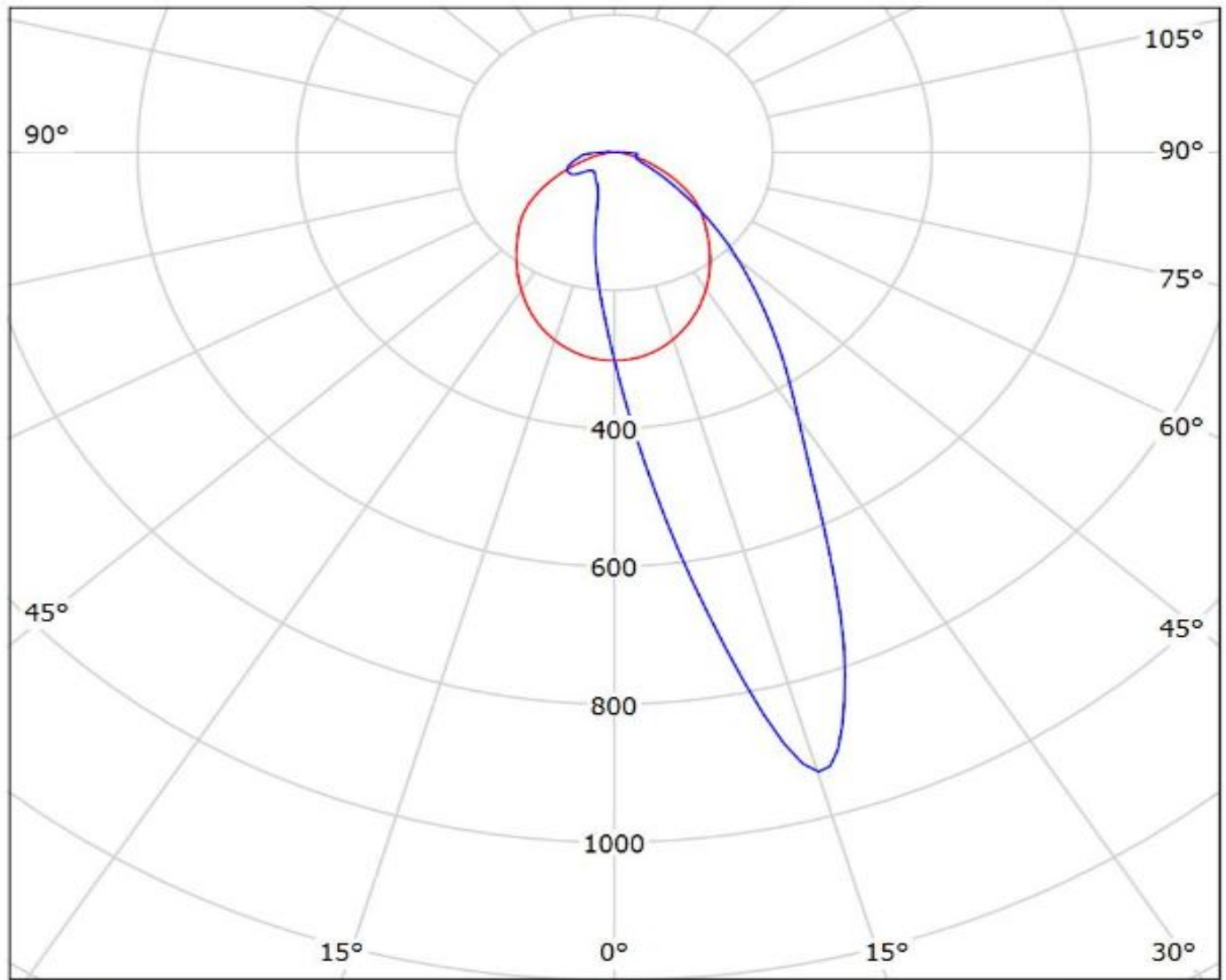
Lamps: 1 x Seoul_3030_x11_(STW8C2SA)_785.296lm@100mA_P=6.5W_I=0.1A



Ledil F14344_FLORENCE-1R-ZT2_(CALGD0414-M8W1) / LDC (Polar)

Luminaire: Ledil F14344_FLORENCE-1R-ZT2_(CALGD0414-M8W1)

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



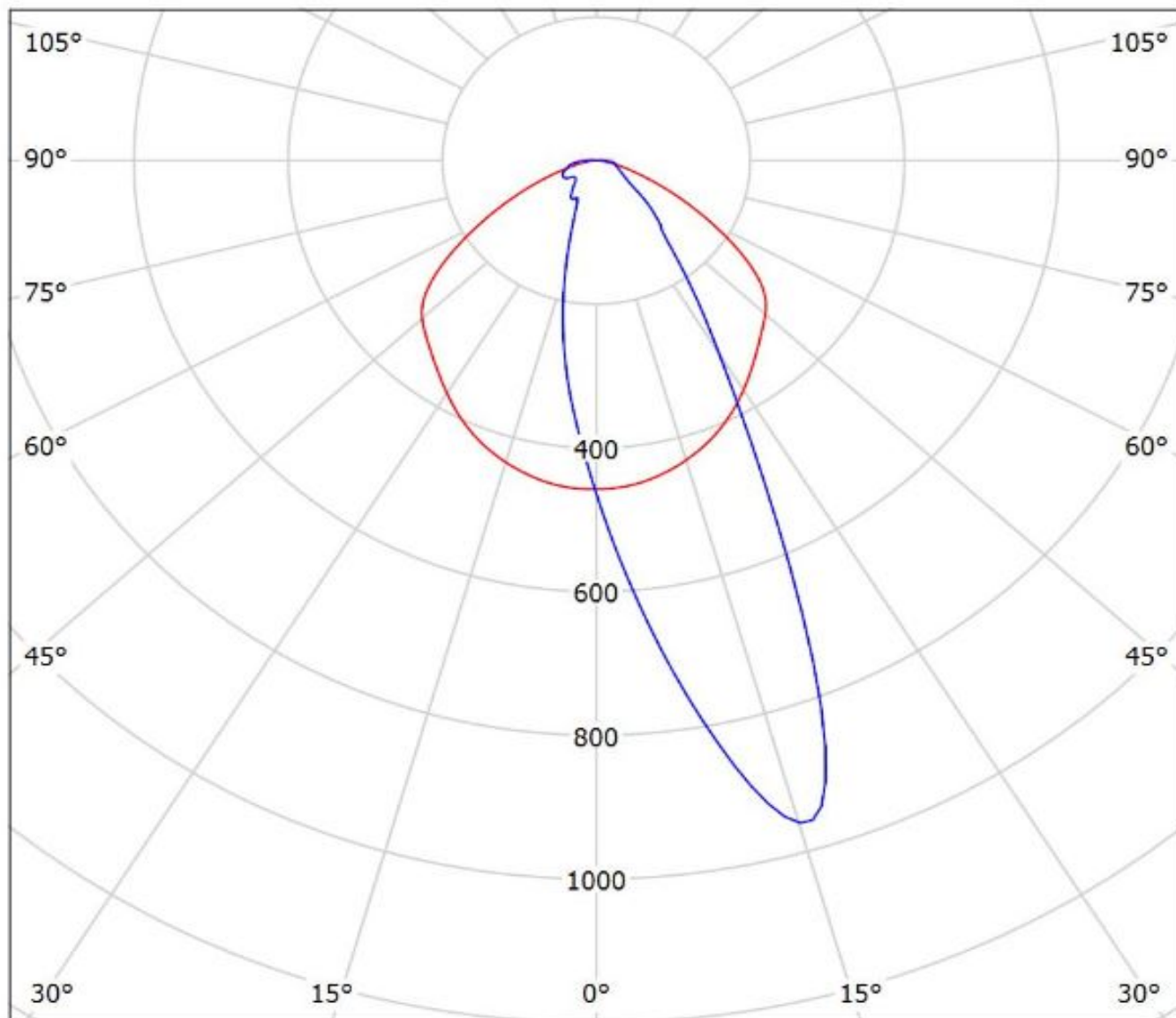
cd/klm

— C0 - C180 — C90 - C270

$\eta = 94\%$

Luminaire: Ledil F14344_FLORENCE-1R-ZT25_(CALGD0814-M17W1)

Lamps: 1 x Citizen_(CALGD0814-M17W1)_1061lm@350mA_P=7.96302W_I=0.3499A



cd/klm

— C0 - C180 — C90 - C270

$\eta = 92\%$

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.