

DETAILS

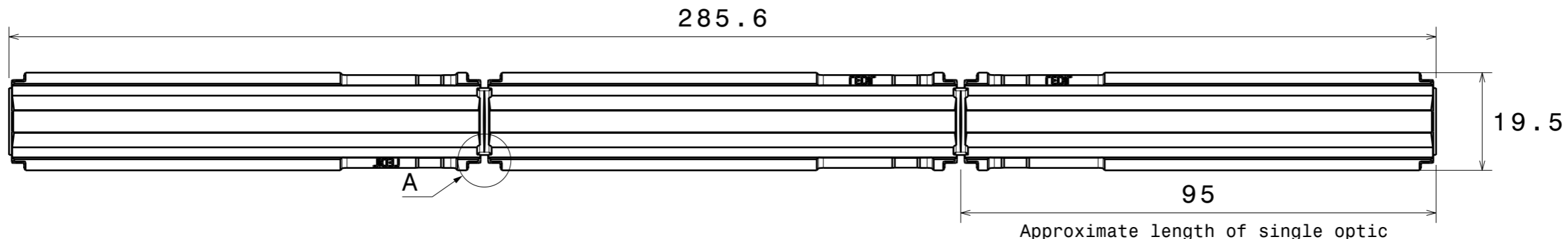
Product Number	F14468_FLORENCE-1R-Z60
Family	Florence
Type	Lens
Color	clear
Diameter	19,5 x 286 mm
Height	7,55 mm
Style	rectang
Optic Material	PMMA
Holder Material	
Fastening	clips
Status	production ready
ROHS Compliant	Yes
Date Updated	13/01/2016



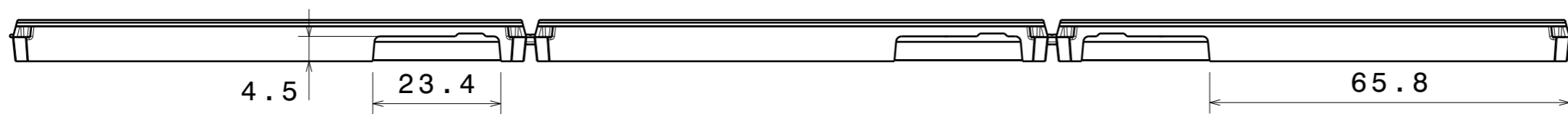
OPTICAL PROPERTIES

LED	Viewing Angle	Light Beam	Efficiency	cd/lm	Connector
L0-280024-xxx-C0800-L267	65+107 deg	Medium	93 %	0.530	-
XH-B/G	63+113 deg	Medium	94 %	0.540	-
LUXEON 3535 2D	60+109 deg	Medium	94 %	0.590	-
LUXEON 3030 2D	57+114 deg	Medium	94 %	0.600	-
LUXEON 3014	59+115 deg	Medium	94 %	0.640	-
LUXEON 3535L	59+110 deg	Medium	94 %	0.620	-
LUXEON 3020	55+117 deg	Medium	94 %	0.660	-
MP-2016	58+115 deg	Medium	94 %	0.630	-
NF2x757D	59+114 deg	Medium	94 %	0.570	-
NF2x757G	56+111 deg	Medium	93 %	0.600	-
Duris S5 (2 chip)	58+114 deg	Medium	94 %	0.590	-
Duris E 2835	sim: 61+107	Medium	sim: 94 %	sim: 0.600	-
Fortimo LED Line 1ft 1100lm xx0 1R xV2546	58+111 deg	Medium	94 %	0.600	-
LM302A	59+111 deg	Medium	94 %	0.600	-
LM561B	59+111 deg	Medium	94 %	0.580	-
LT-S282N	56+112 deg	Medium	94 %	0.620	-
LM301A	56+113 deg	Medium	94 %	0.640	-
LM561C	56+113 deg	Medium	94 %	0.630	-
LM28xB Series	57+113 deg	Medium	94 %	0.620	-
SEOUL 3030	59+111 deg	Medium	94 %	0.600	-
CALGD0414-M8W1	58+121 deg	Medium	94 %	0.550	-
CALGD0814-M17W1	57+118 deg	Medium	92 %	0.550	-

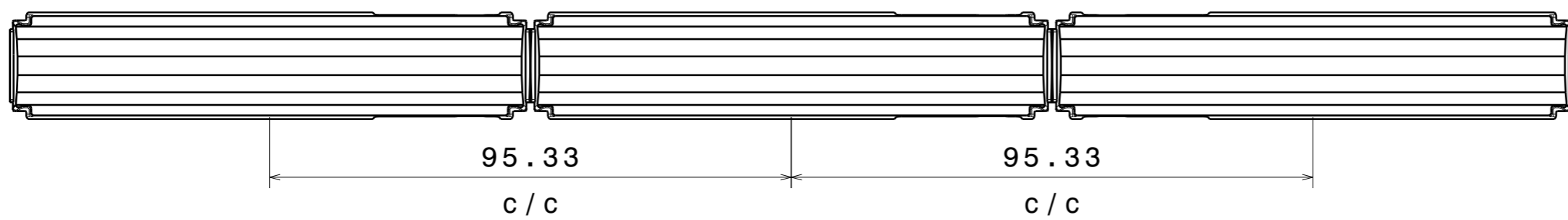
H G F E D C B A



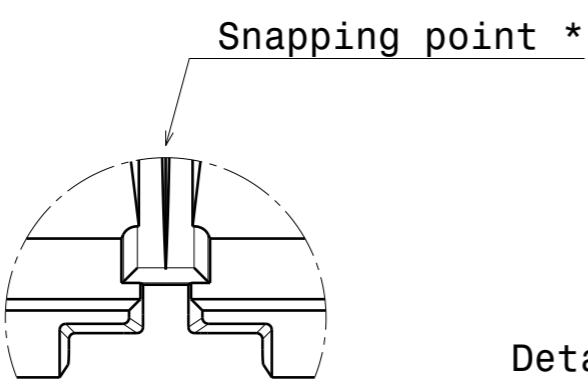
Bottom view



Left view

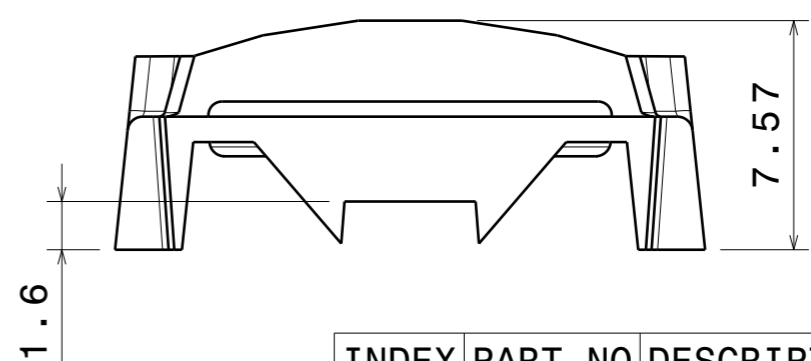


Top view



Detail A
Scale 4:1

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



Front view
Scale 4:1

INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	F14468	FLORENCE-1R-Z60	PMMA	

LEDiL LediL Oy
Salorankatu 10
FIN 24240 SALO
Finland

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:

DRAWING TITLE
F14468_FLORENCE-1R-Z60

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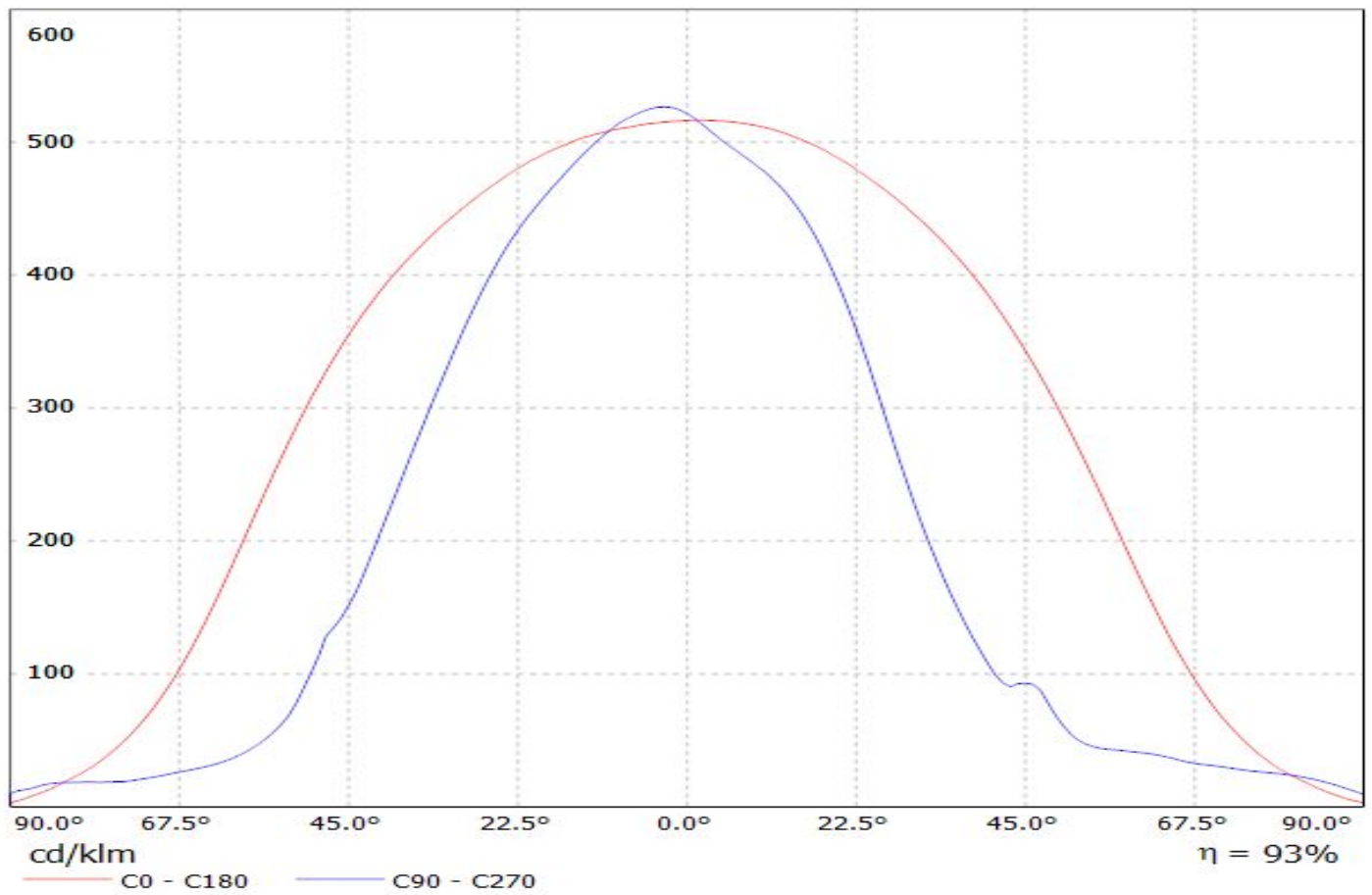
SIZE	PART NUMBER
A3	F14468

SCALE	1:1	SHEET	1/1
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H G B A

Luminaire: Ledil F14468_FLORENCE-1R-Z60_(CeZos)

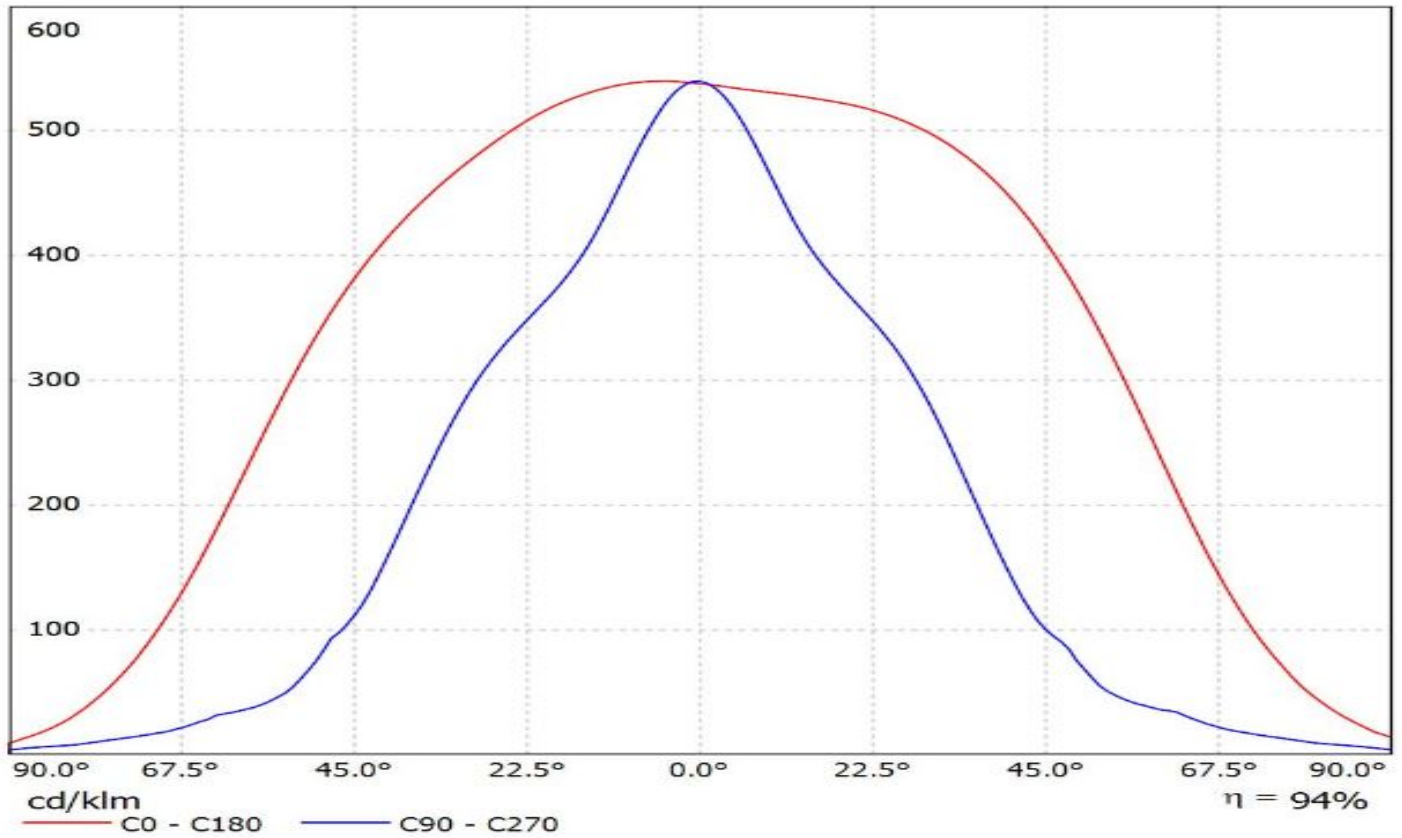
Lamps: 1 x CeZos_(L0-280024-xxx-C0800-L267)_1346.29lm@250mA_CCT=3000K_P=8.5017W_I=0.25A



Ledil F14468_FLORENCE-1R-Z60_(XH-B) / LDC (Linear)

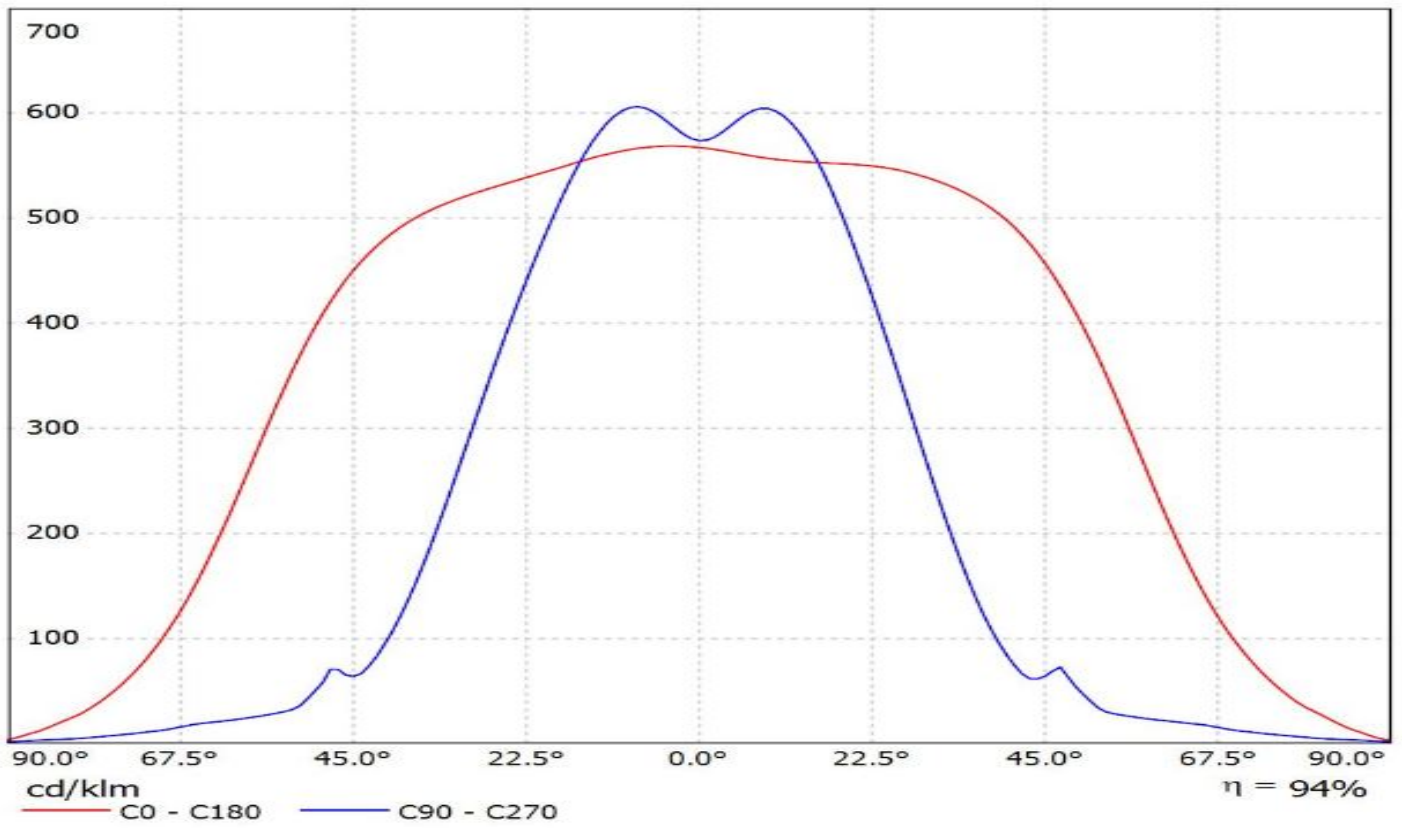
Luminaire: Ledil F14468_FLORENCE-1R-Z60_(XH-B)

Lamps: 1 x Cree_XH-B_x22_(XHBAWT-0-7B4-J20-0H-0001)_315.848lm@65mA_P=2.11W_I=65mA



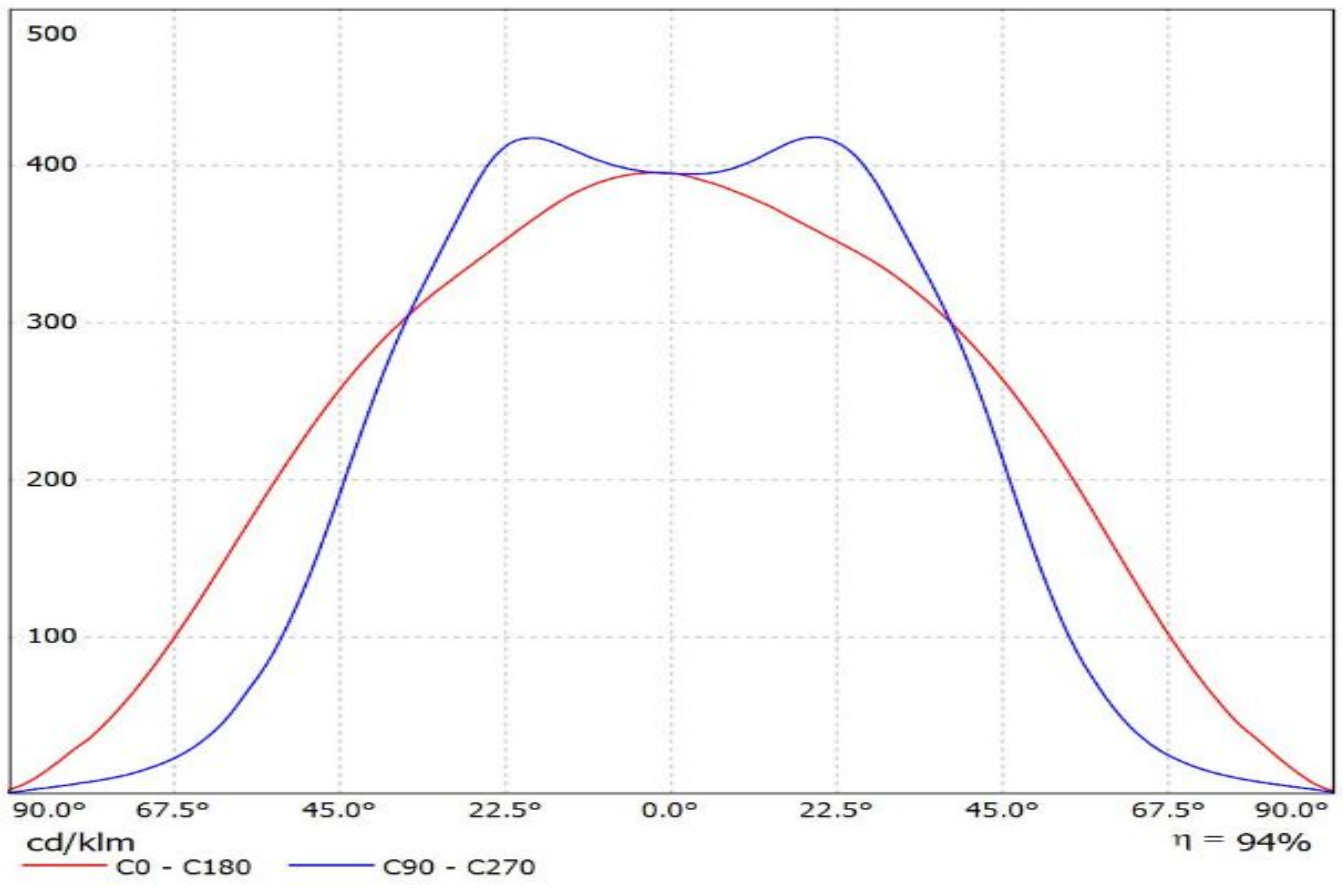
Ledil F14468_FLORENCE-1R-Z60_(Luxeon_3030_2D) / LDC (Linear)

Luminaire: Ledil F14468_FLORENCE-1R-Z60_(Luxeon_3030_2D)
Lamps: 1 x Luxeon_3030_2D_x22_(L130-4080003000W21)
_1601.44lm@200mA_CCT=4000K_P=12.8W_I=0.2A



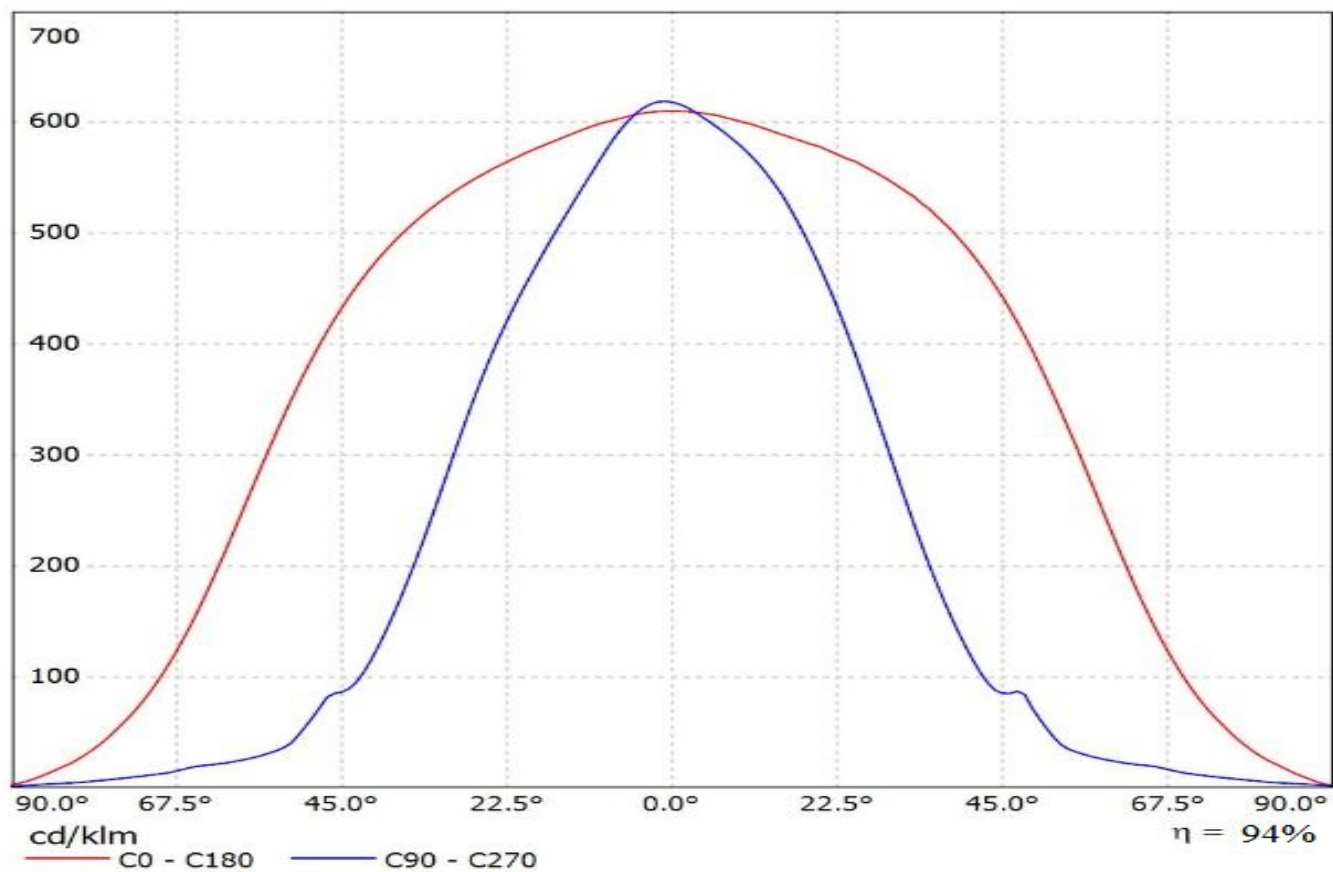
Luminaire: Ledil F14304_FLORENCE-1R-Z90_(3014_x22)

Lamps: 1 x Luxeon_3014_x22_(L130-5080)_282.652lm@60mA_P=1.9076W_I=0.060mA



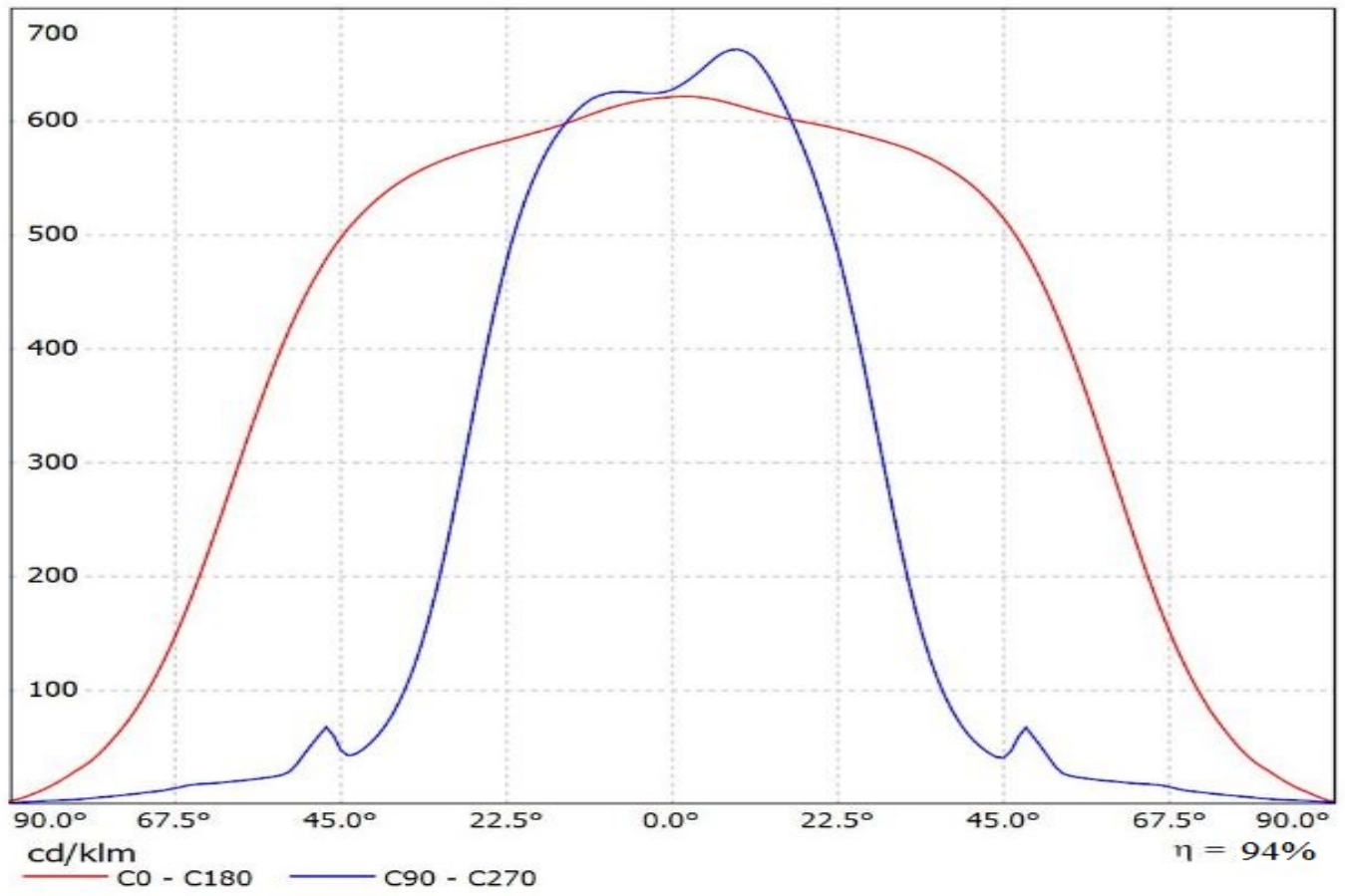
Luminaire: Ledil F14468_FLORENCE-1R-Z60_(3535L_x22)

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



Luminaire: Ledil F14468_FLORENCE-1R-Z60_(3020)

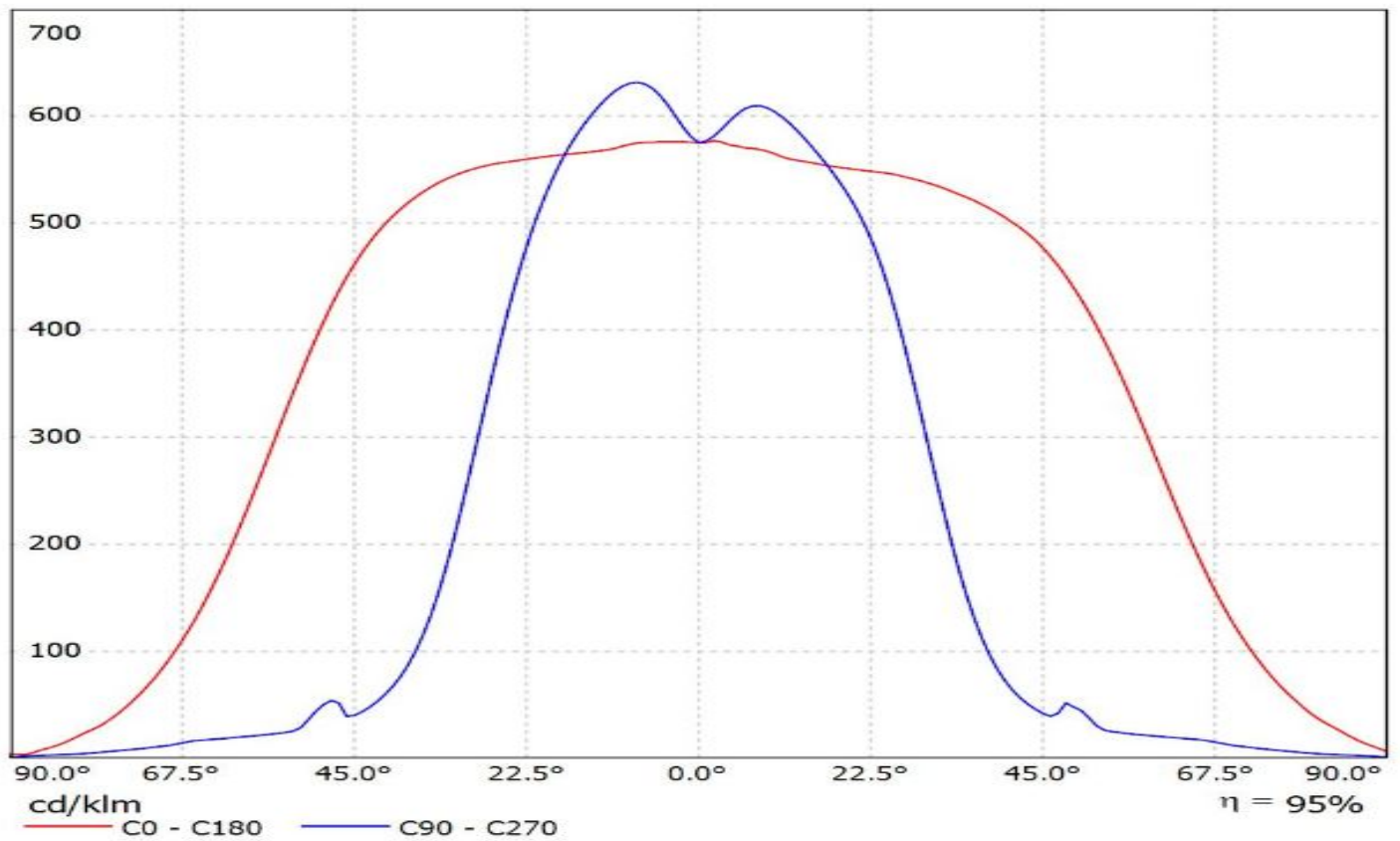
Lamps: 1 x Luxeon_3020_x22_(L130-2780)_488.066lm@120mA_P=3.7731W_I=0.120mA



Ledil F14468_FLORENCE-1R-Z60_(Luminus_MP-2016) / LDC (Linear)

Luminaire: Ledil F14468_FLORENCE-1R-Z60_(Luminus_MP-2016)

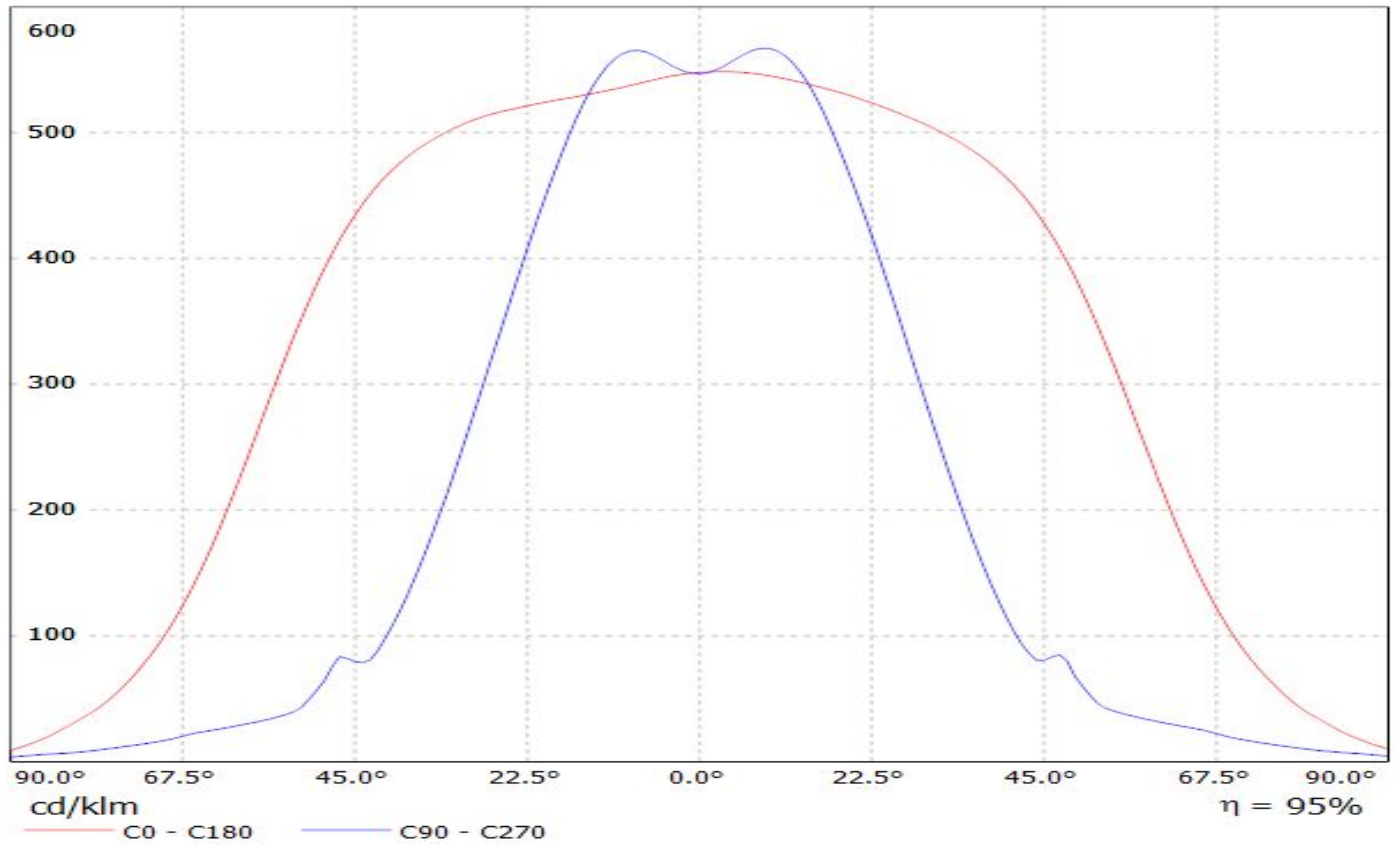
Lamps: 1 x Luminus_MP-2016_1x22_(LUMMP-1100-30-80)_471.904lm@120mA_P=4W_I=0.12A



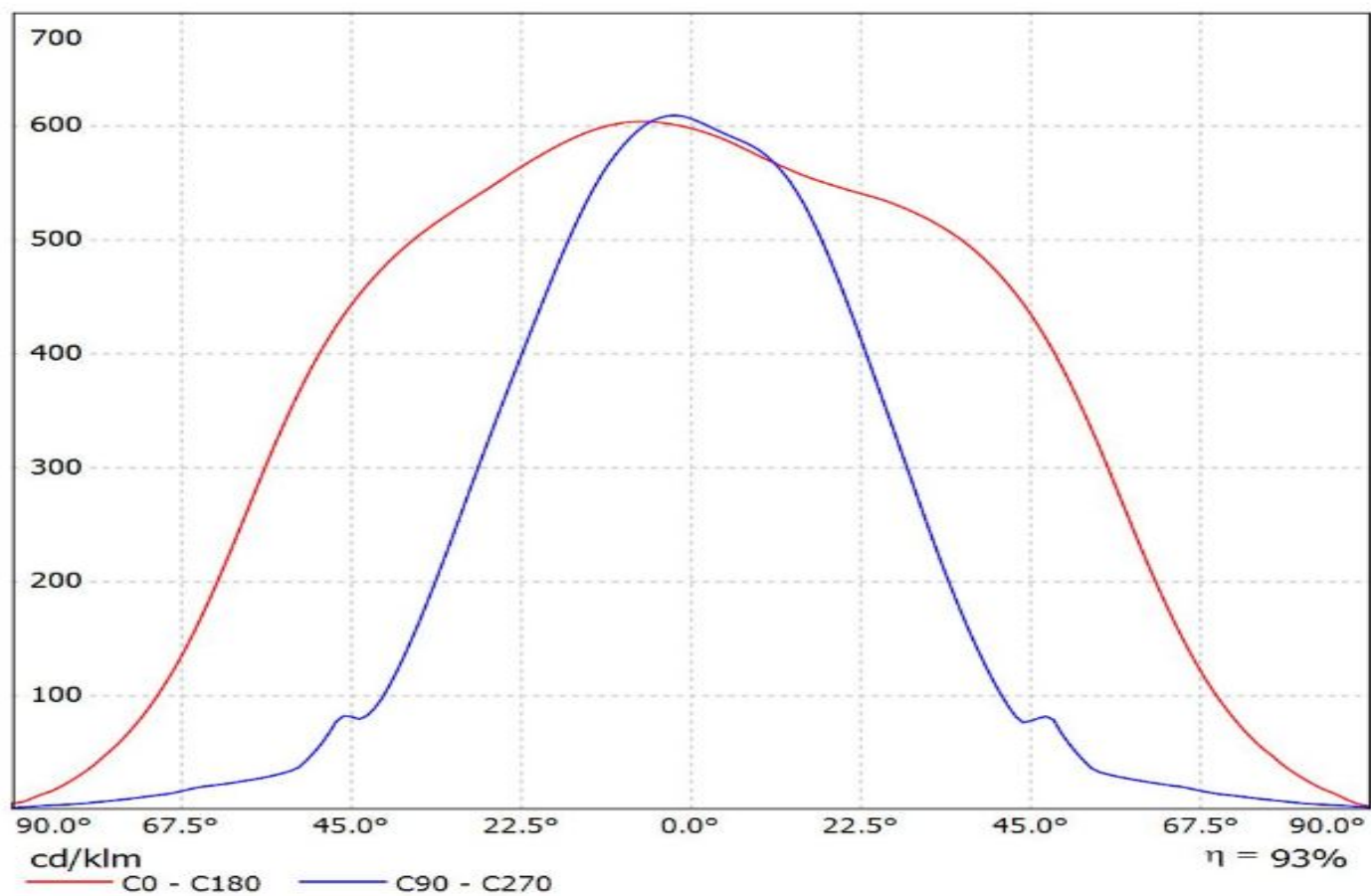
Ledil F14468_FLORENCE-1R-Z60_(NF2x757D) / LDC (Linear)

Luminaire: Ledil F14468_FLORENCE-1R-Z60_(NF2x757D)

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

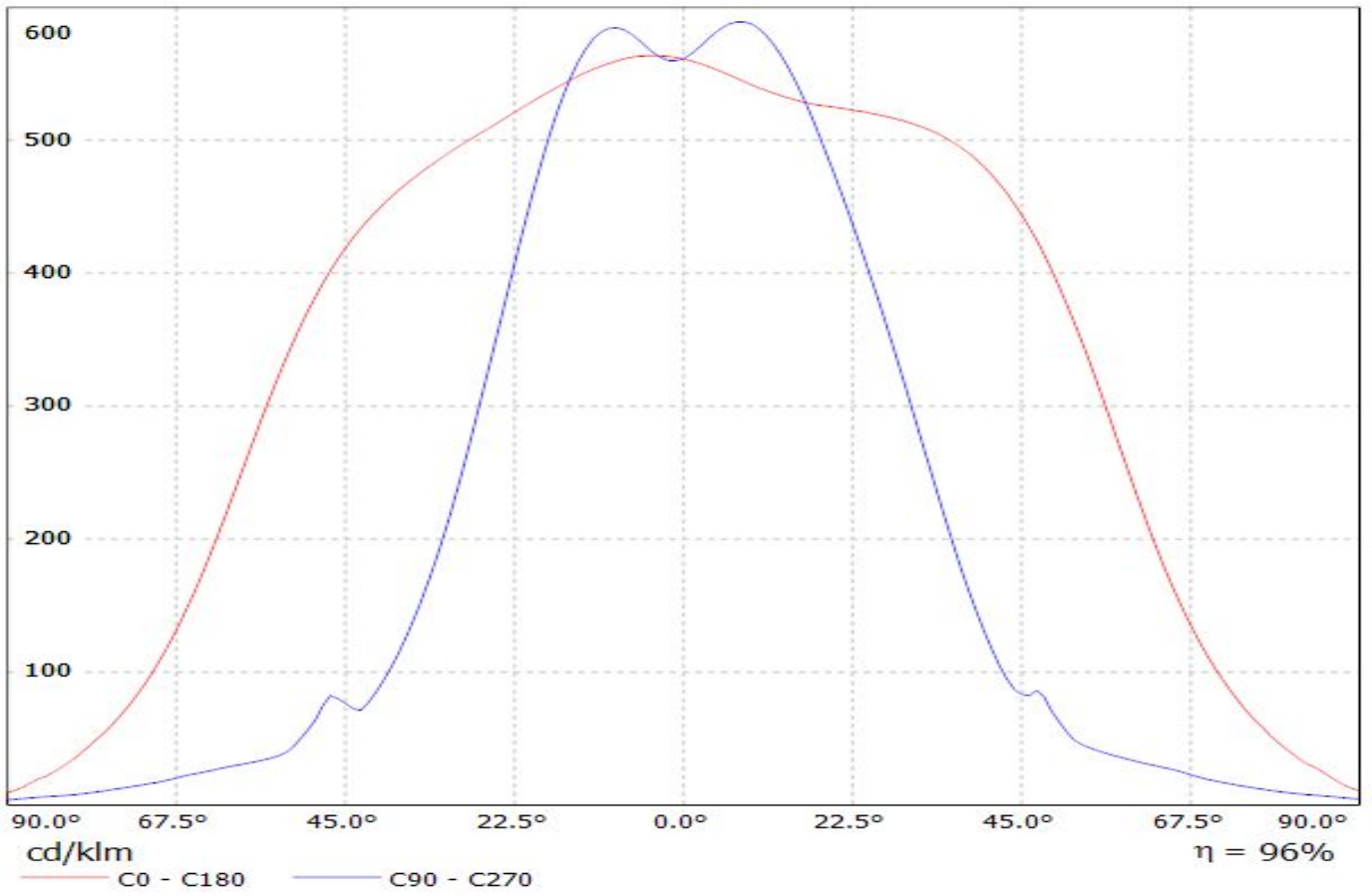


Luminaire: Ledil F14468_FLORENCE-1R-Z60_(NF2W757G)
Lamps: 1 x NF2W757G_378.284lm@65mA_CCT=?K_P=1.97W_I=0.065A

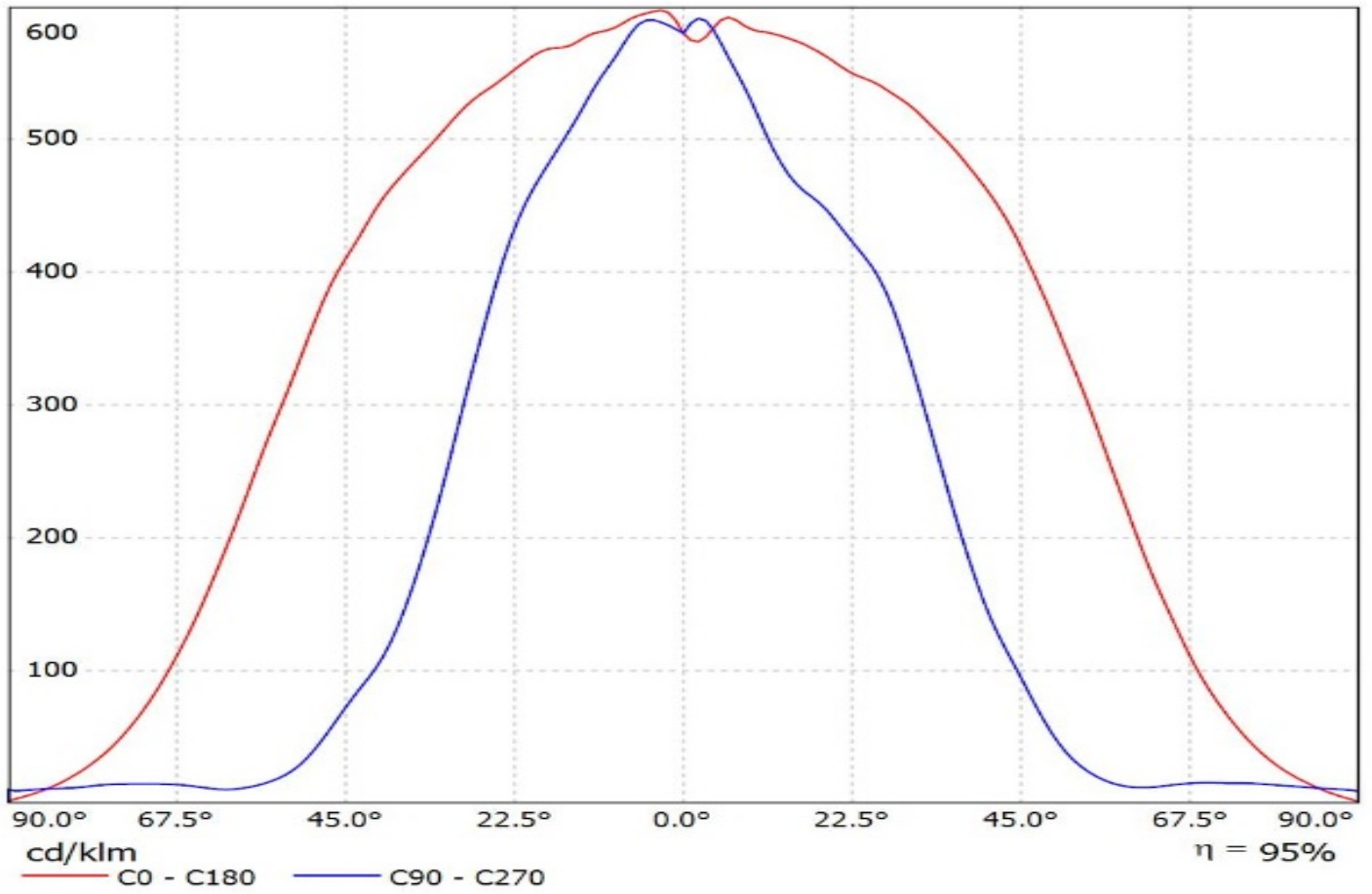


Luminaire: Ledil F14468_FLORENCE-1R-Z60_(Duris_S5)

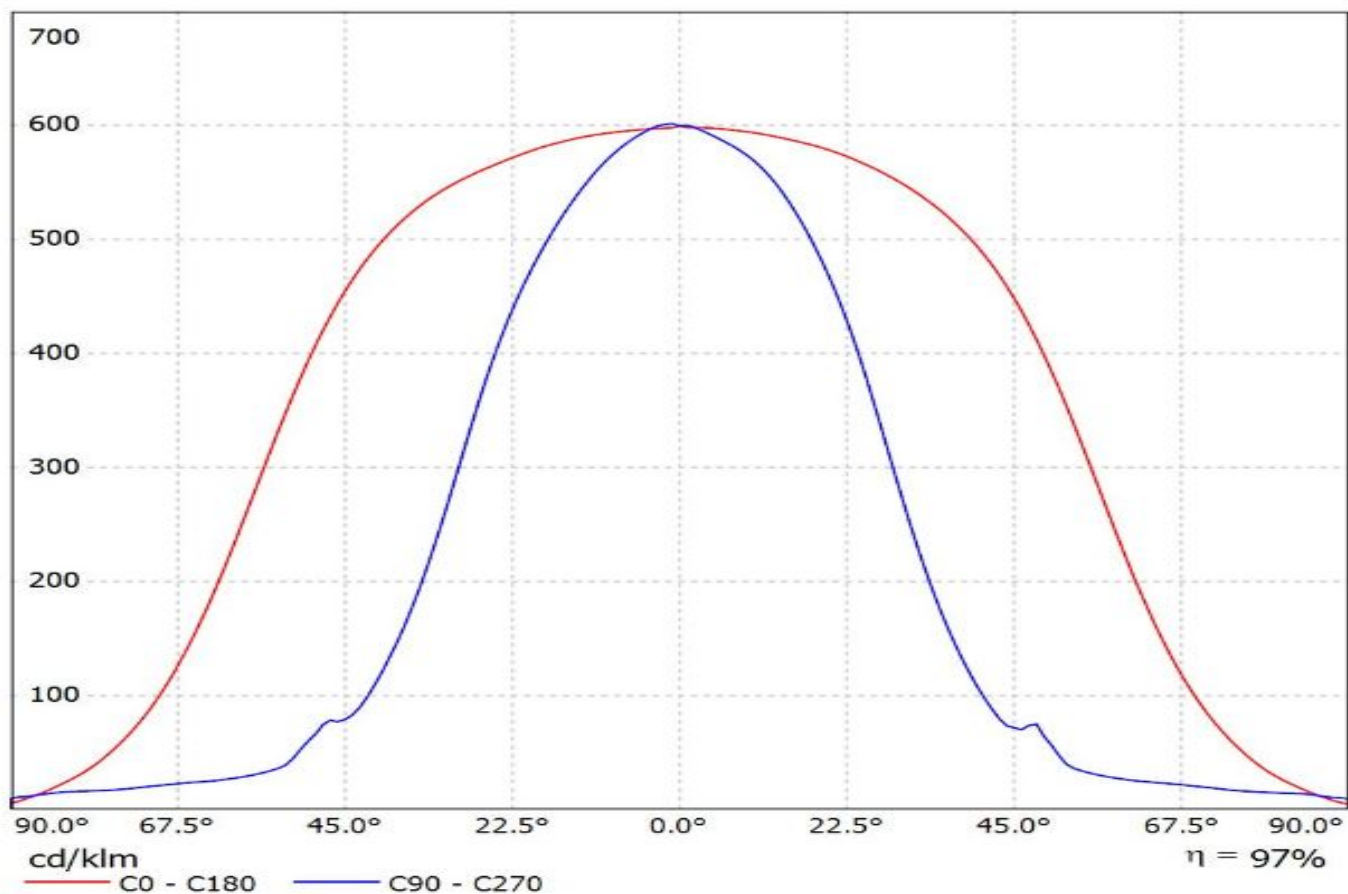
Lamps: 1 x Osram_Duris_S5_(GW_PSLRS1.EC-LQLS-5H7I-1)_993.467lm@100mA_P=8W_I=0.1000A



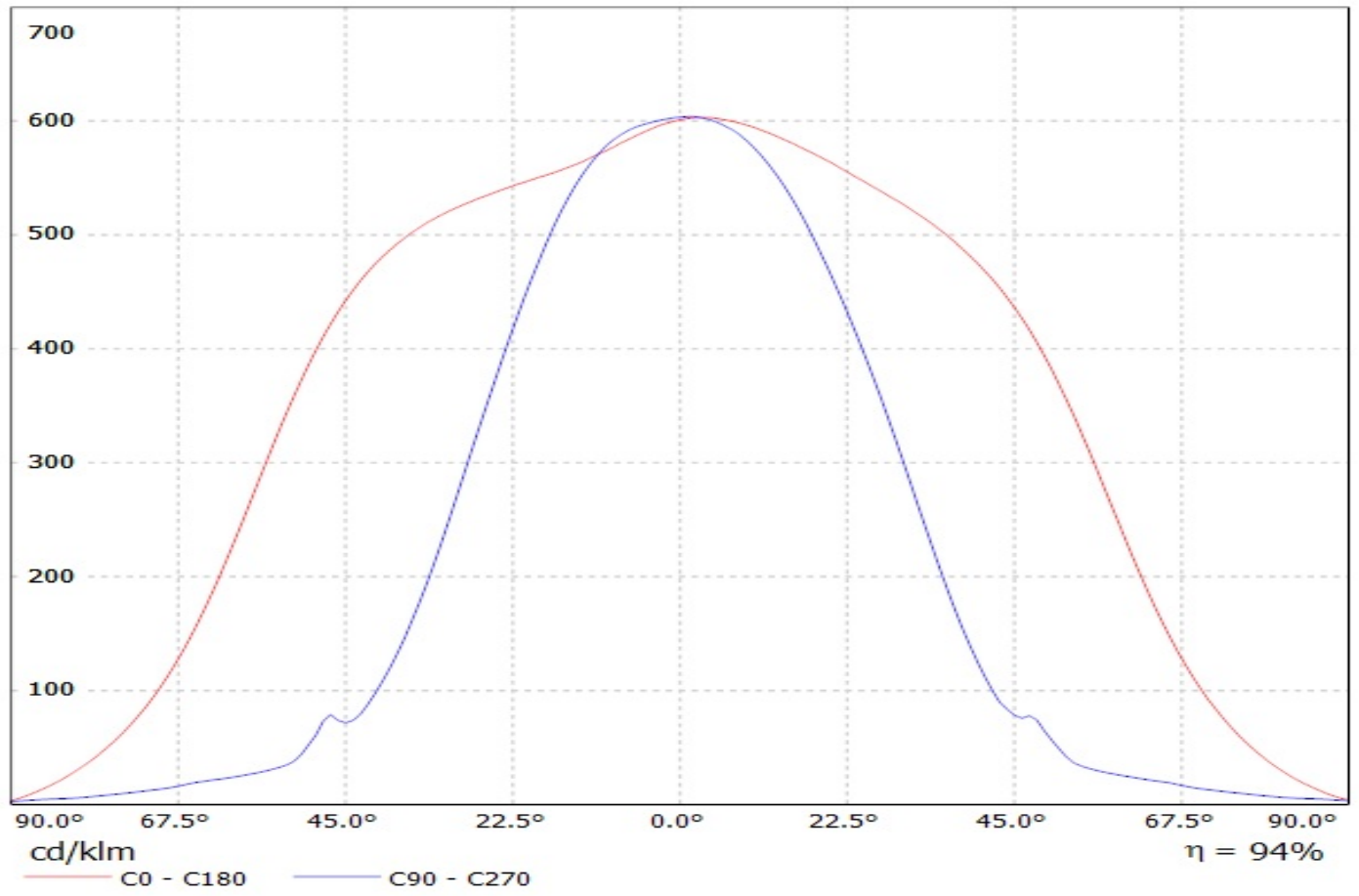
Luminaire: Ledil Oy F14468_FLORENCE-1R-Z60_(Duris_E_2835)_SIMULATED
Lamps: 1 x Osram Duris E 2835 - GW JTLRS1.EM



Luminaire: LEDiL Oy F14468_FLORENCE-1R-Z60 (Fortimo_LED_Line_1ft_1100lm_840_1R_LV2)_Cav4
Lamps: 1 x Fortimo_LED_Line_1ft_1100lm_840_1R_LV2_1062.24lm@250mA_P=8.02208W_I=249.8mA



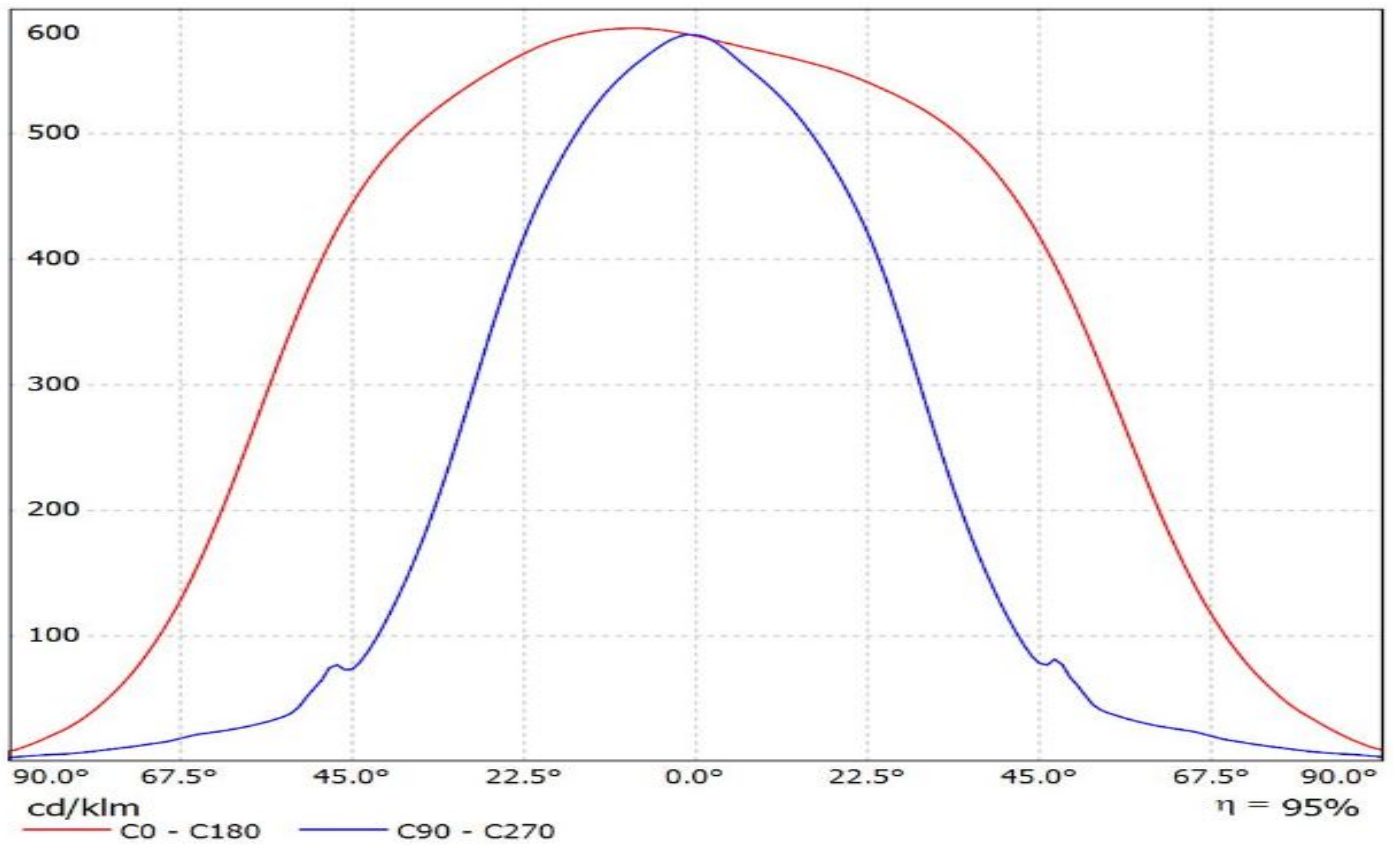
Luminaire: LEDiL Oy F14468_FLORENCE-1R-Z60_(LM302A)
Lamps: 1 x Samsung_LM302A_865.46lm@100mA_P=6.64694W_I=0.1001A



Ledil F14468_FLORENCE-1R-Z60_(LM561B) / LDC (Linear)

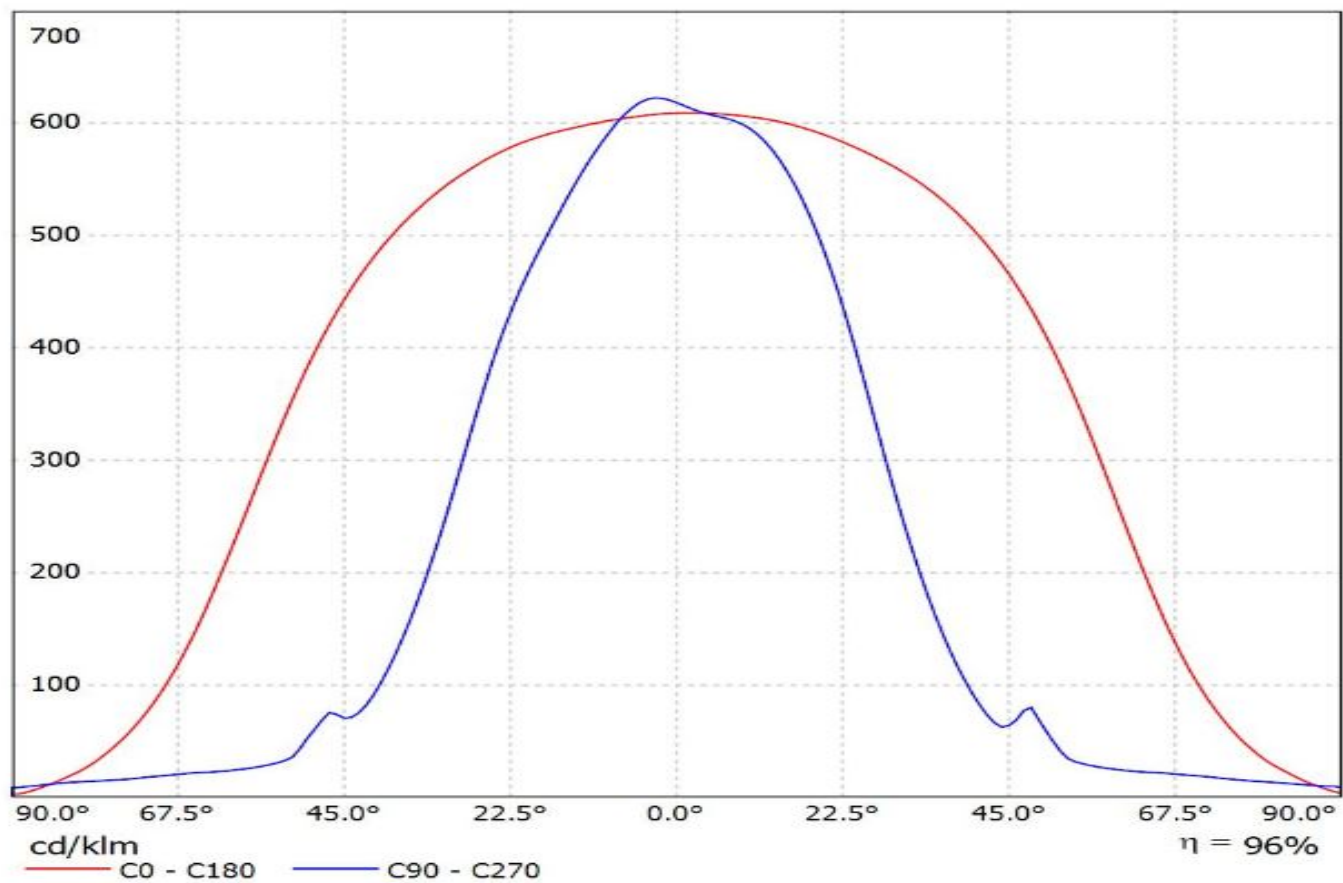
Luminaire: Ledil F14468_FLORENCE-1R-Z60_(LM561B)

Lamps: 1 x Samsung_LM561B_x22_348.84lm@65mA_P=1.97W_I=65mA



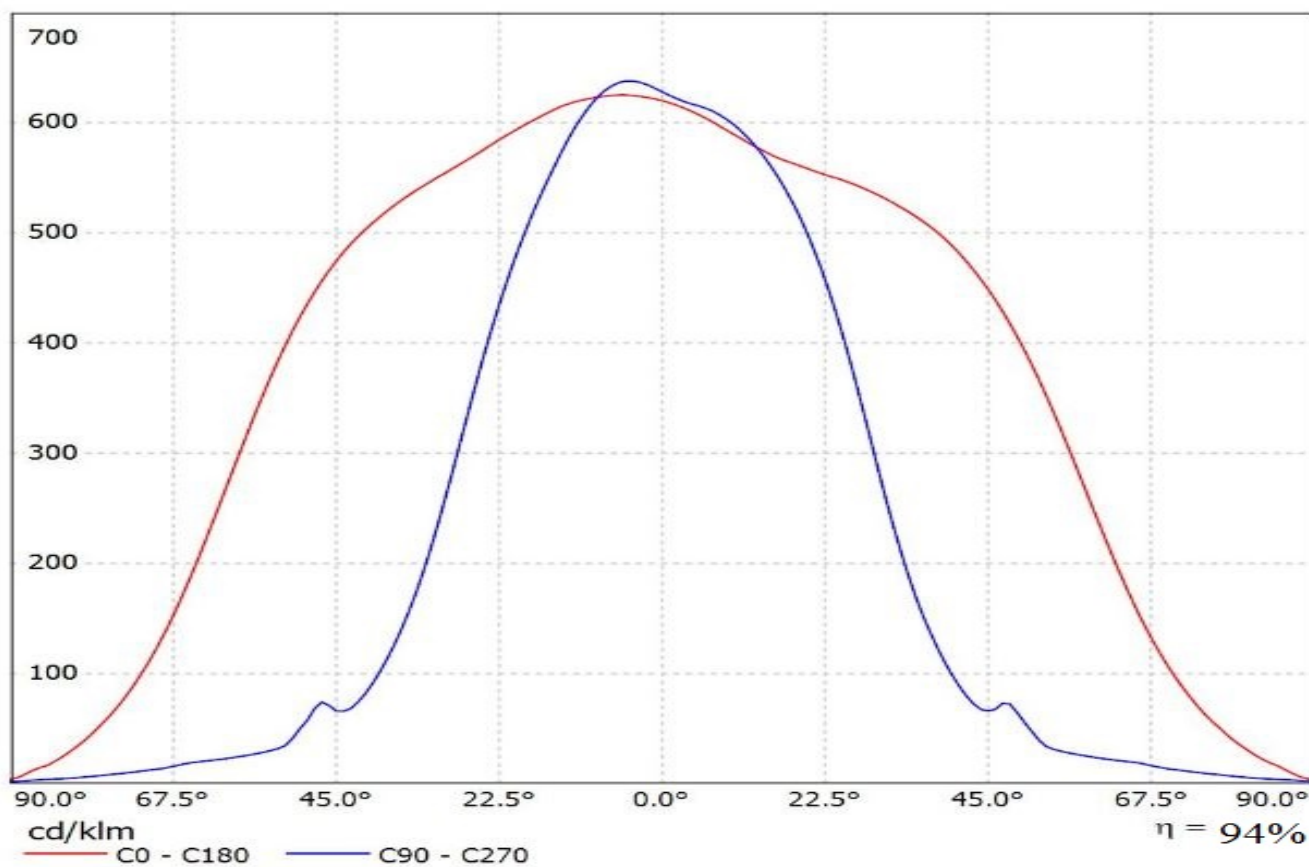
Luminaire: Ledil F14468_FLORENCE-1R-Z60_(LT-S282N)

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

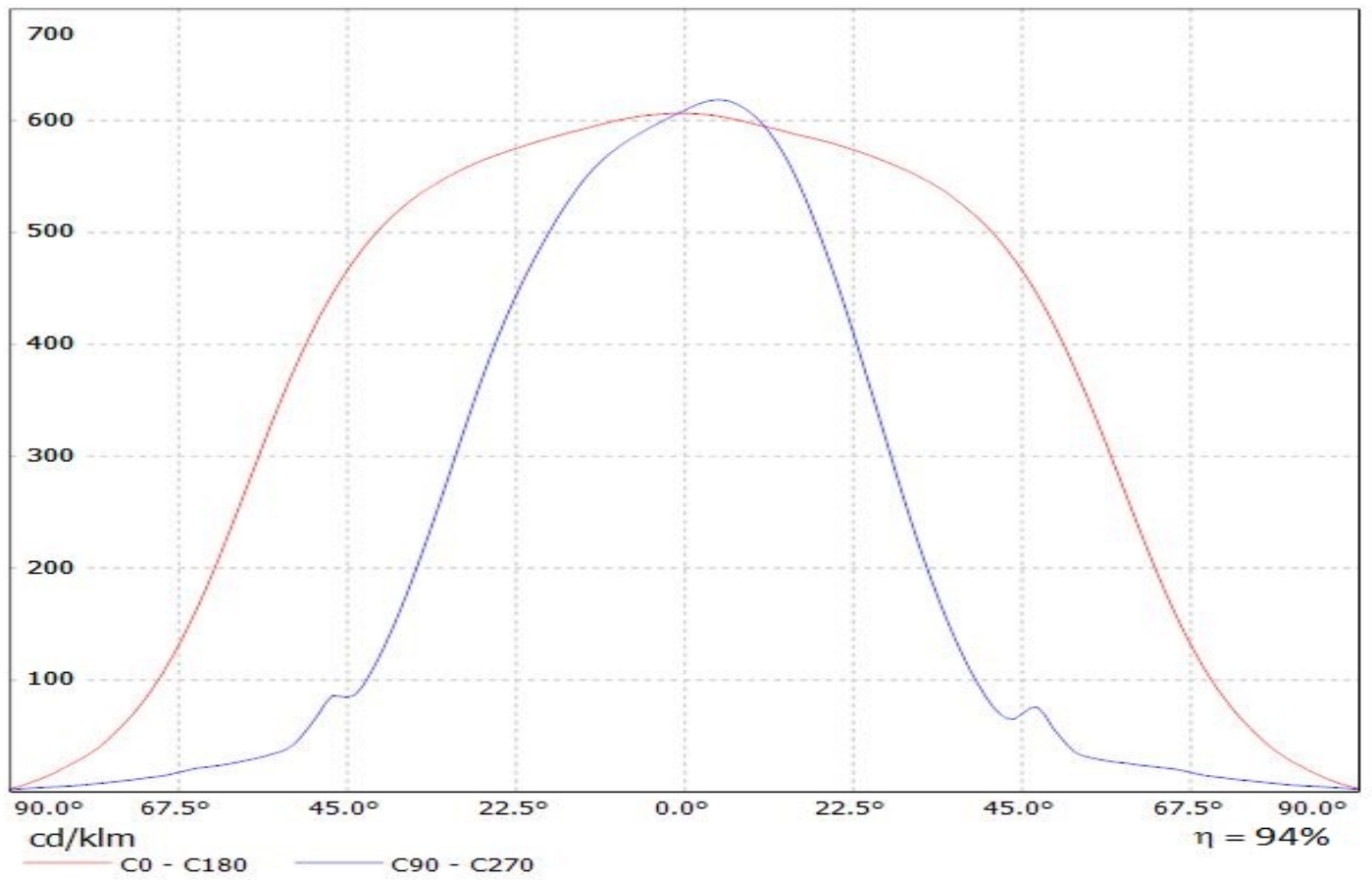


Luminaire: Ledil F14468_FLORENCE-1R-Z60_(LM301A)

Lamps: 1 x Samsung_LM301A_x11_(SPMWHT328FD5WAT0S0)_1087.4lm@250mA_P=8.1922W_I=0.25A



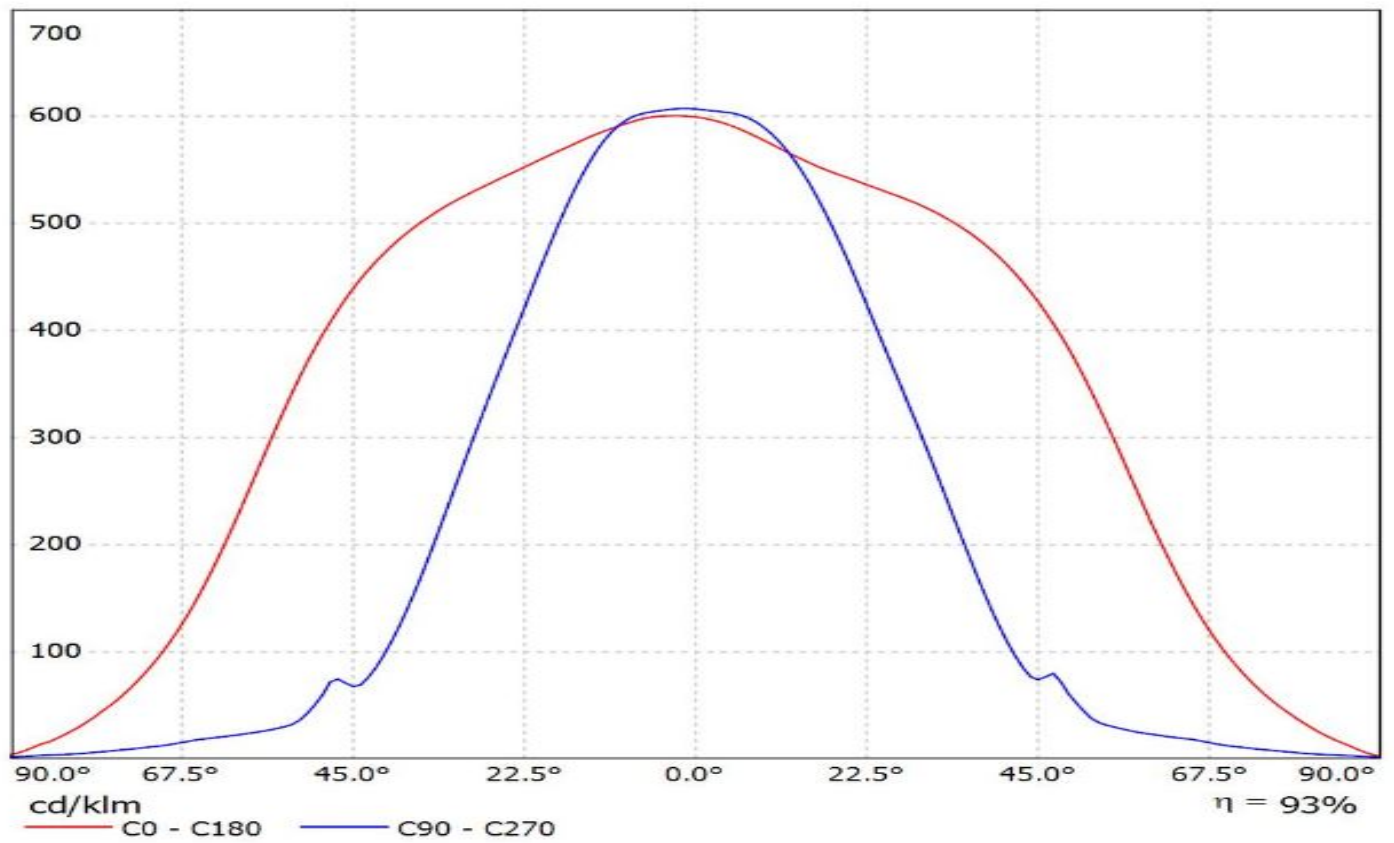
Luminaire: LEDiL Oy F14468_FLORENCE-1R-Z60_(LM281B)
Lamps: 1 x Samsung_LM281B_1309.14lm@300mA_P=10.244W_I=0.300A



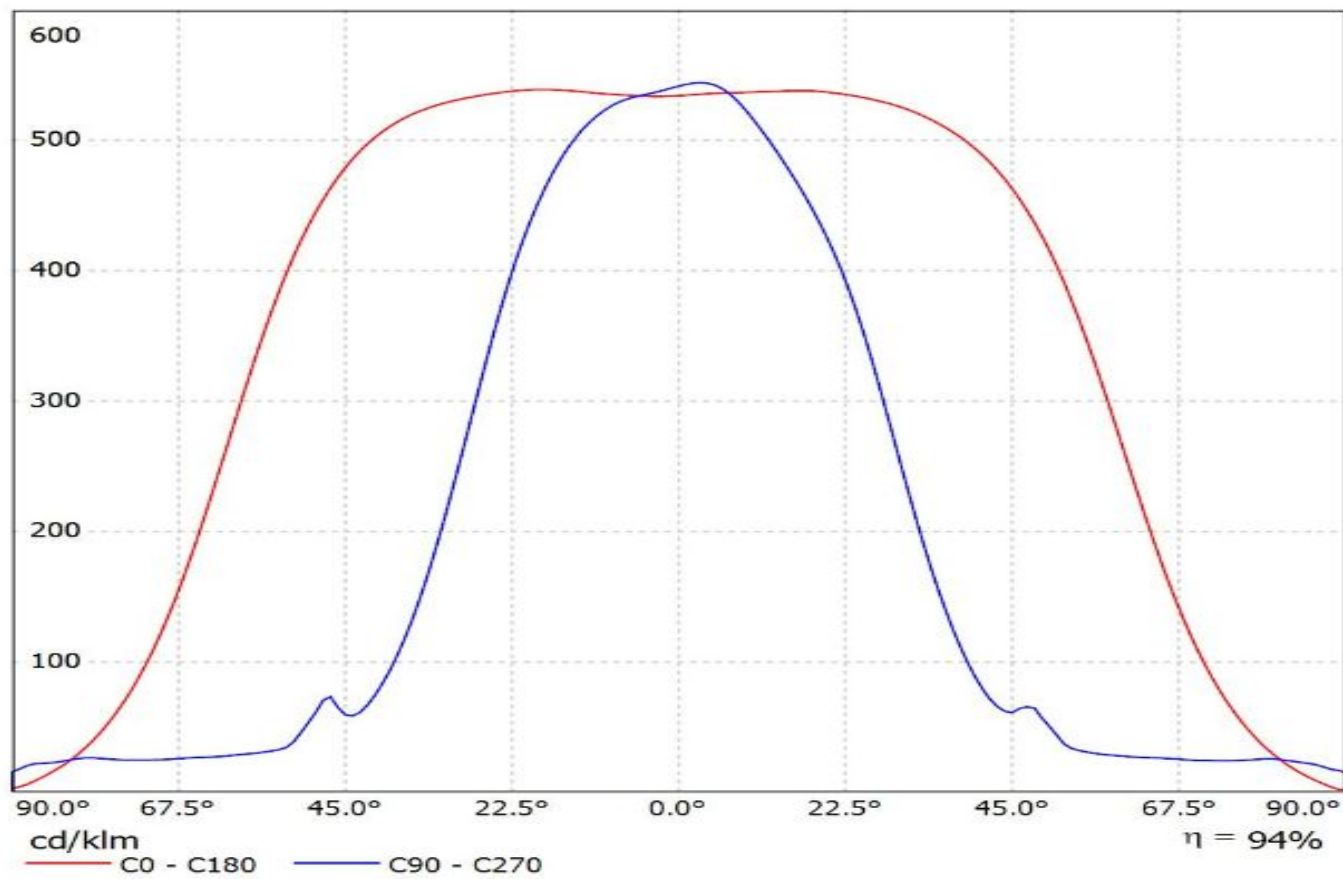
Ledil F14468_FLORENCE-1R-Z60_(Seoul_3030) / LDC (Linear)

Luminaire: Ledil F14468_FLORENCE-1R-Z60_(Seoul_3030)

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

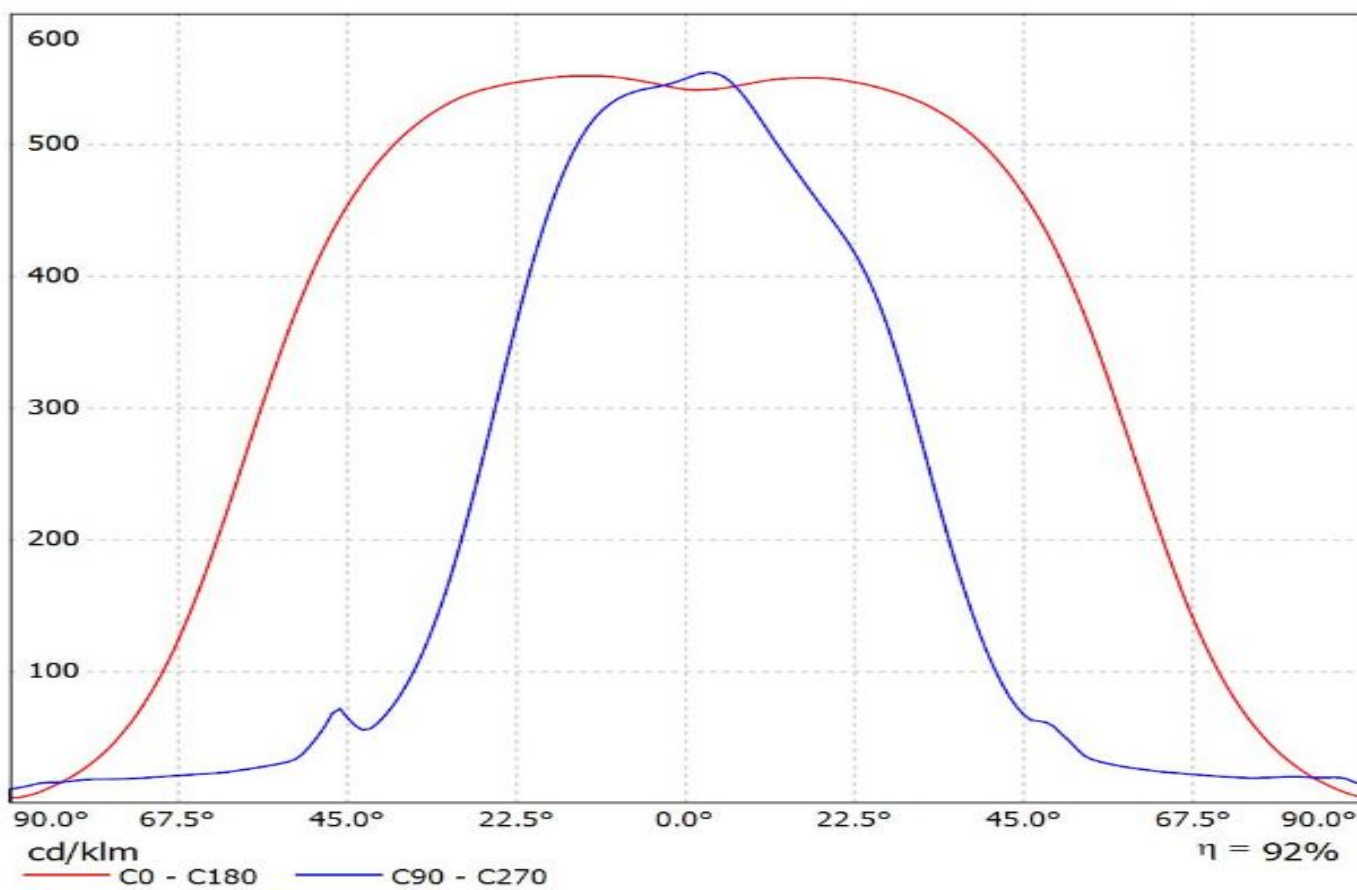


Luminaire: Ledil F14468_FLORENCE-1R-Z60_(CALGD0414-M8W1)
Lamps: 1 x CALGD0414-M8W1_551.561lm@350mA_P=4.0250W_I=0.35A



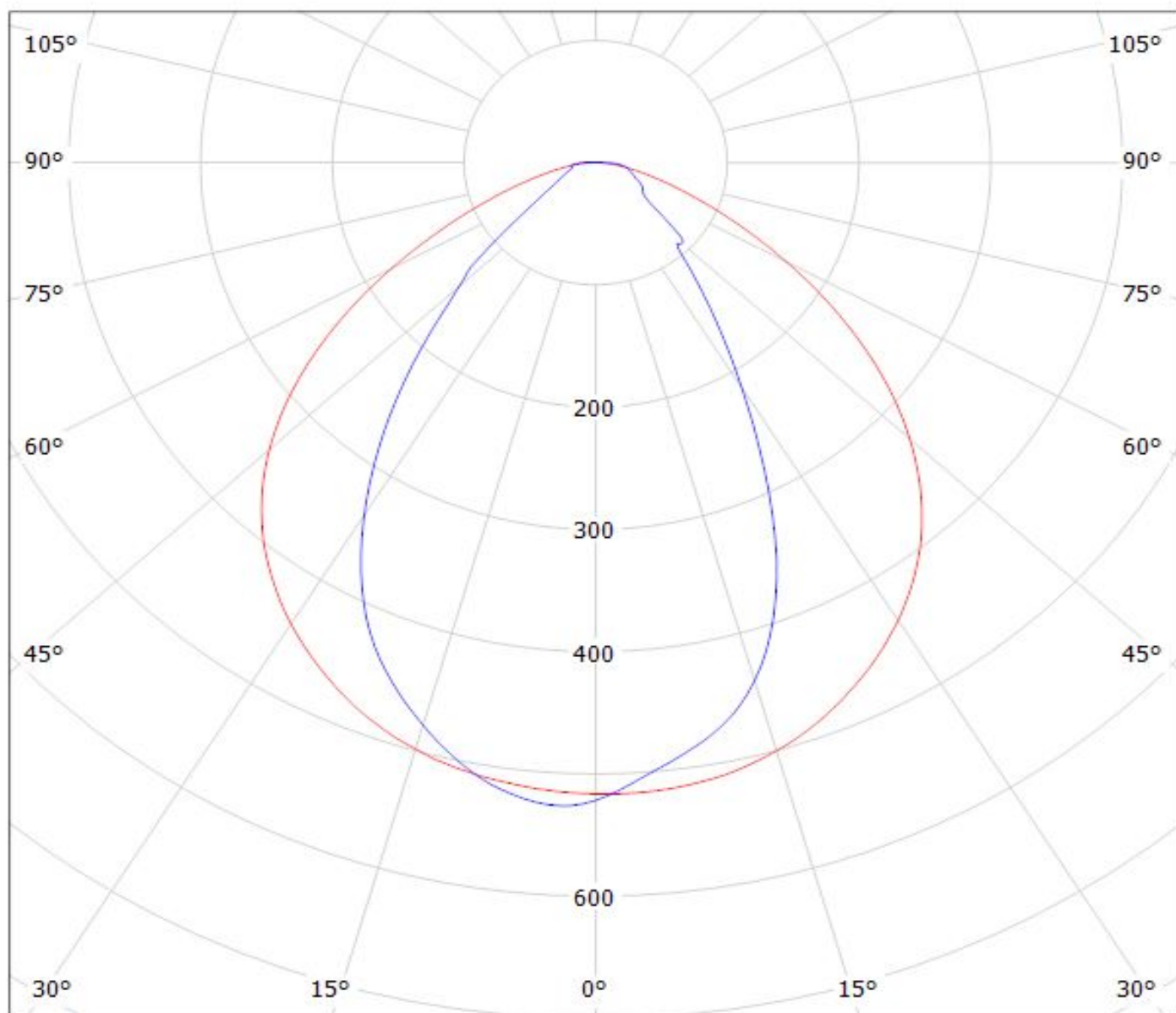
Luminaire: Ledil F14468_FLORENCE-1R-Z60_(CALGD0814-M17W1)

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



Luminaire: Ledil F14468_FLORENCE-1R-Z60_(CeZos)

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



cd/klm

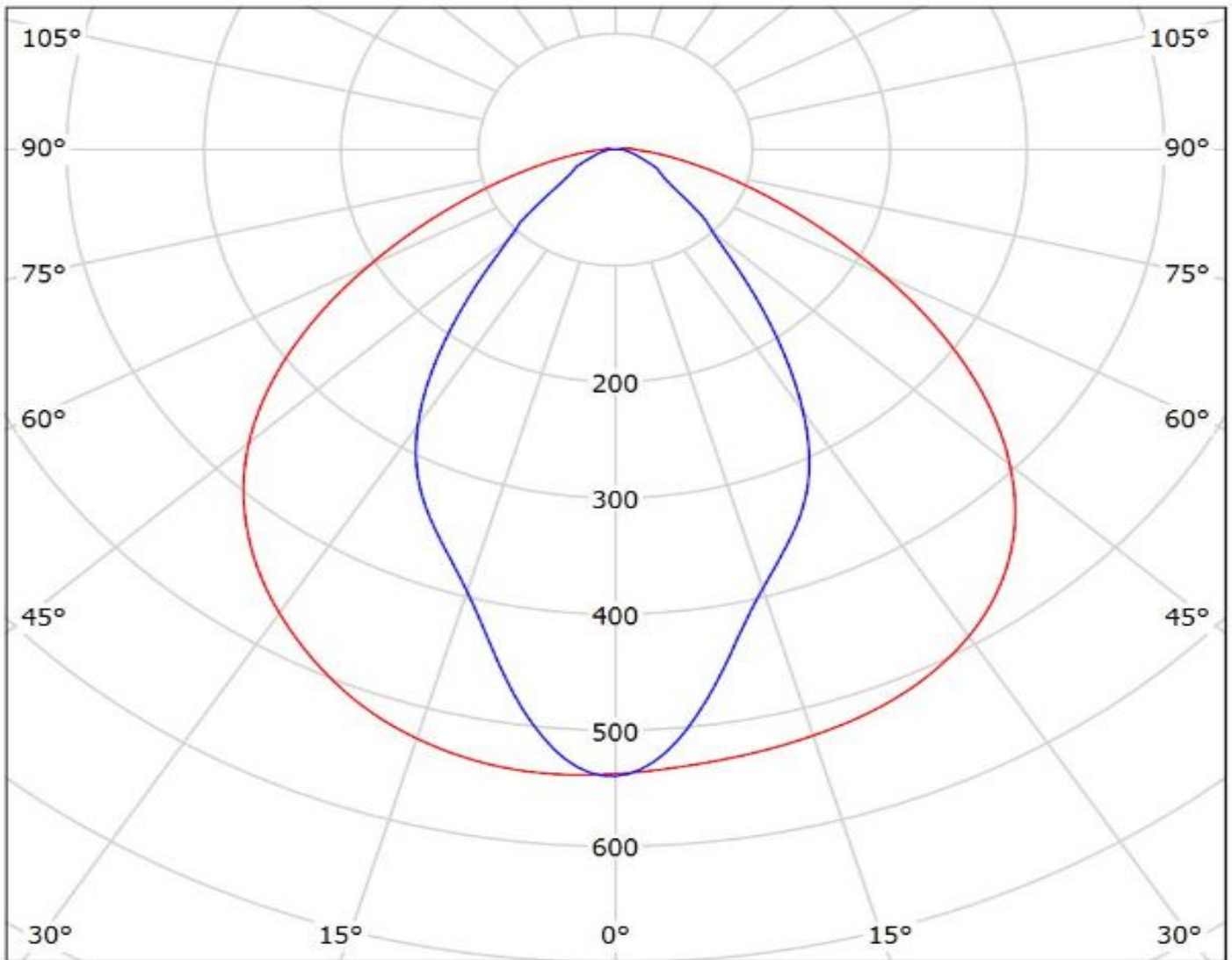
— C0 - C180 — C90 - C270

$\eta = 93\%$

Ledil F14468_FLORENCE-1R-Z60_(XH-B) / LDC (Polar)

Luminaire: Ledil F14468_FLORENCE-1R-Z60_(XH-B)

Lamps: 1 x Cree_XH-B_x22_(XHBAWT-0-7B4-J20-0H-0001)_315.848lm@65mA_P=2.11W_I=65mA



cd/klm

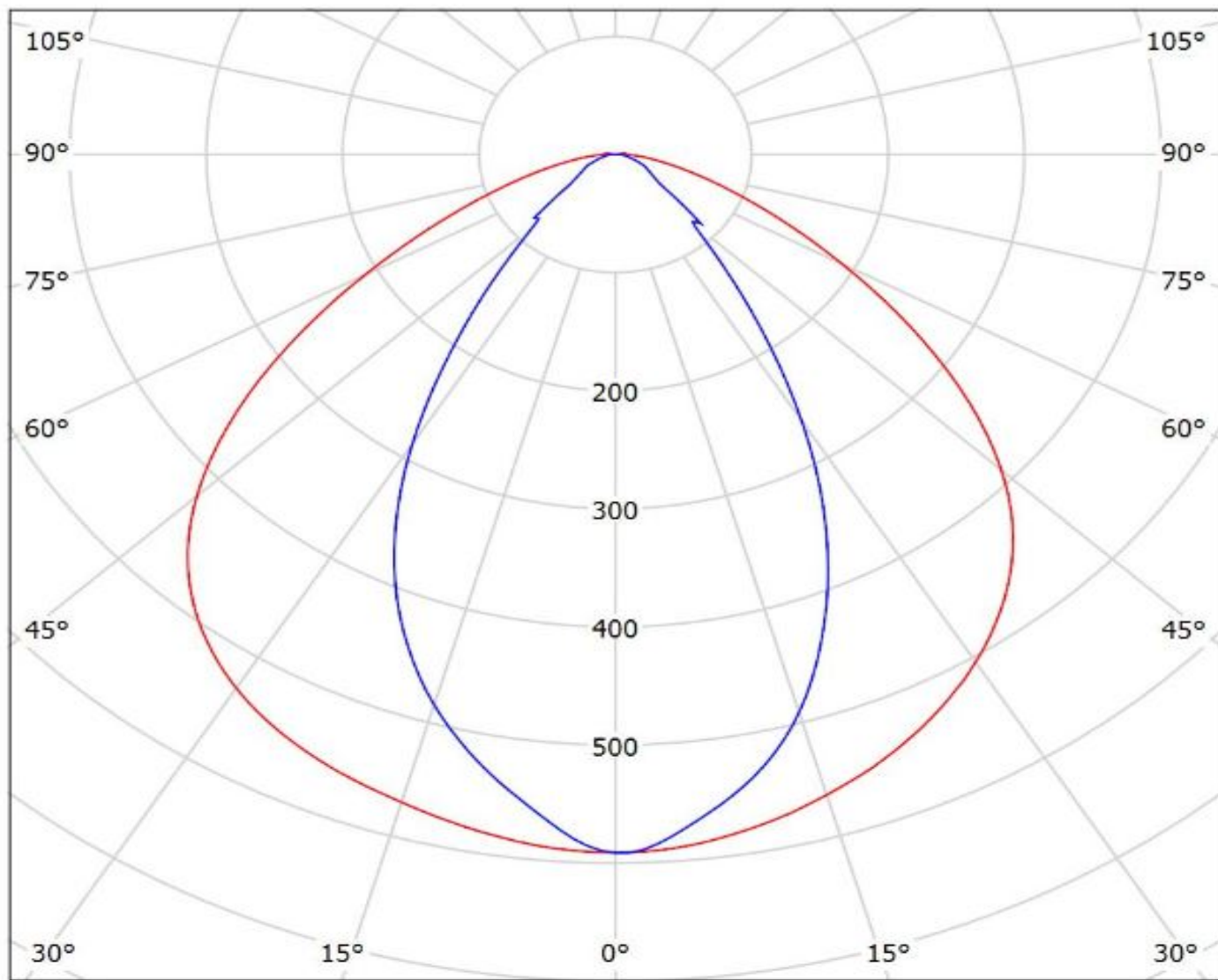
— C0 - C180 — C90 - C270

$\eta = 94\%$

Ledil F14468_FLORENCE-1R-Z60_(Luxeon_3535_2D) / LDC (Polar)

Luminaire: Ledil F14468_FLORENCE-1R-Z60_(Luxeon_3535_2D)

Lamps: 1 x Luxeon_3535_2D_x22_(MXC8_4000K)_910.245lm@100mA_CCT=4000K_P=6.32W_I=0.1A



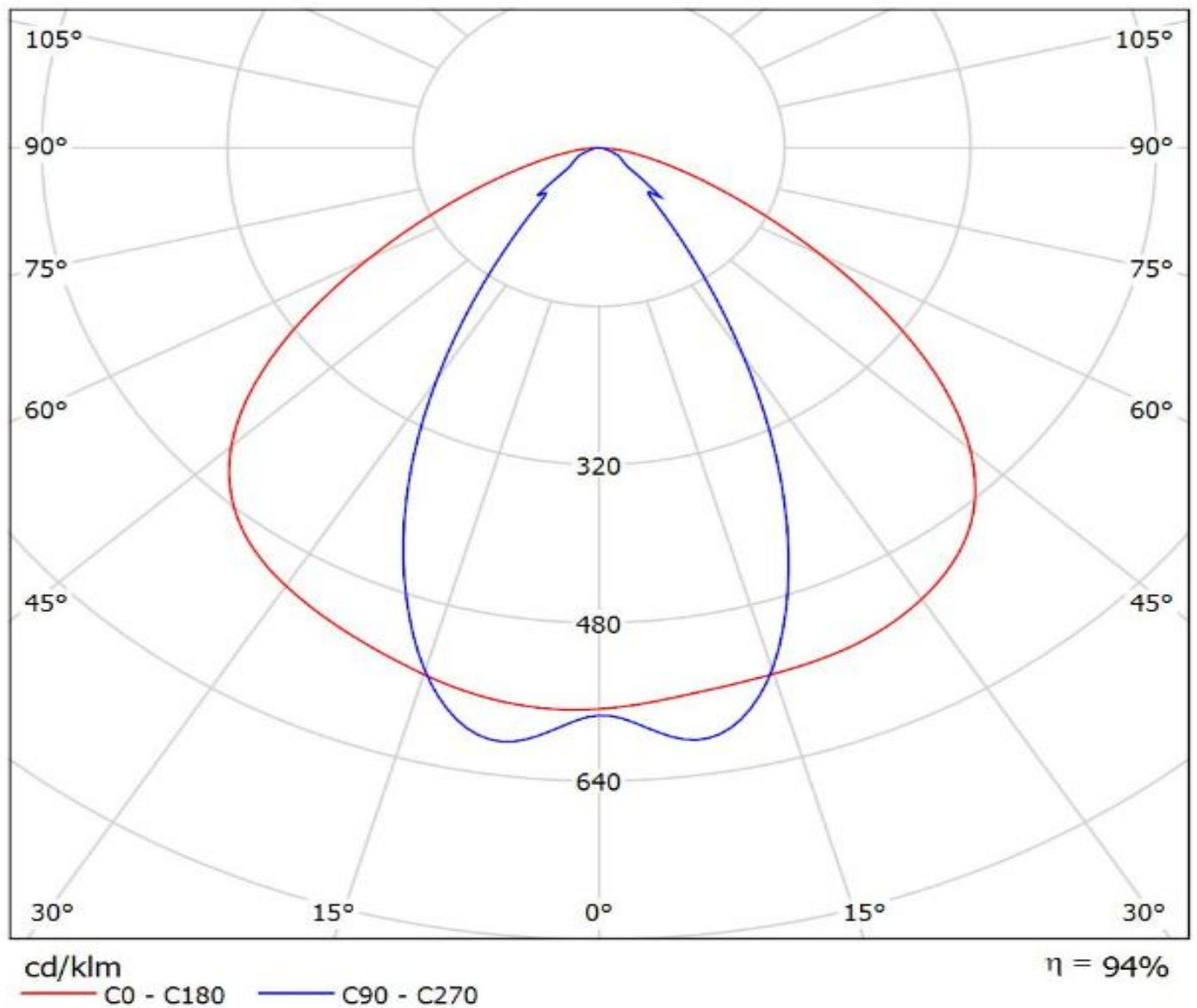
cd/klm

— C0 - C180 — C90 - C270

$\eta = 95\%$

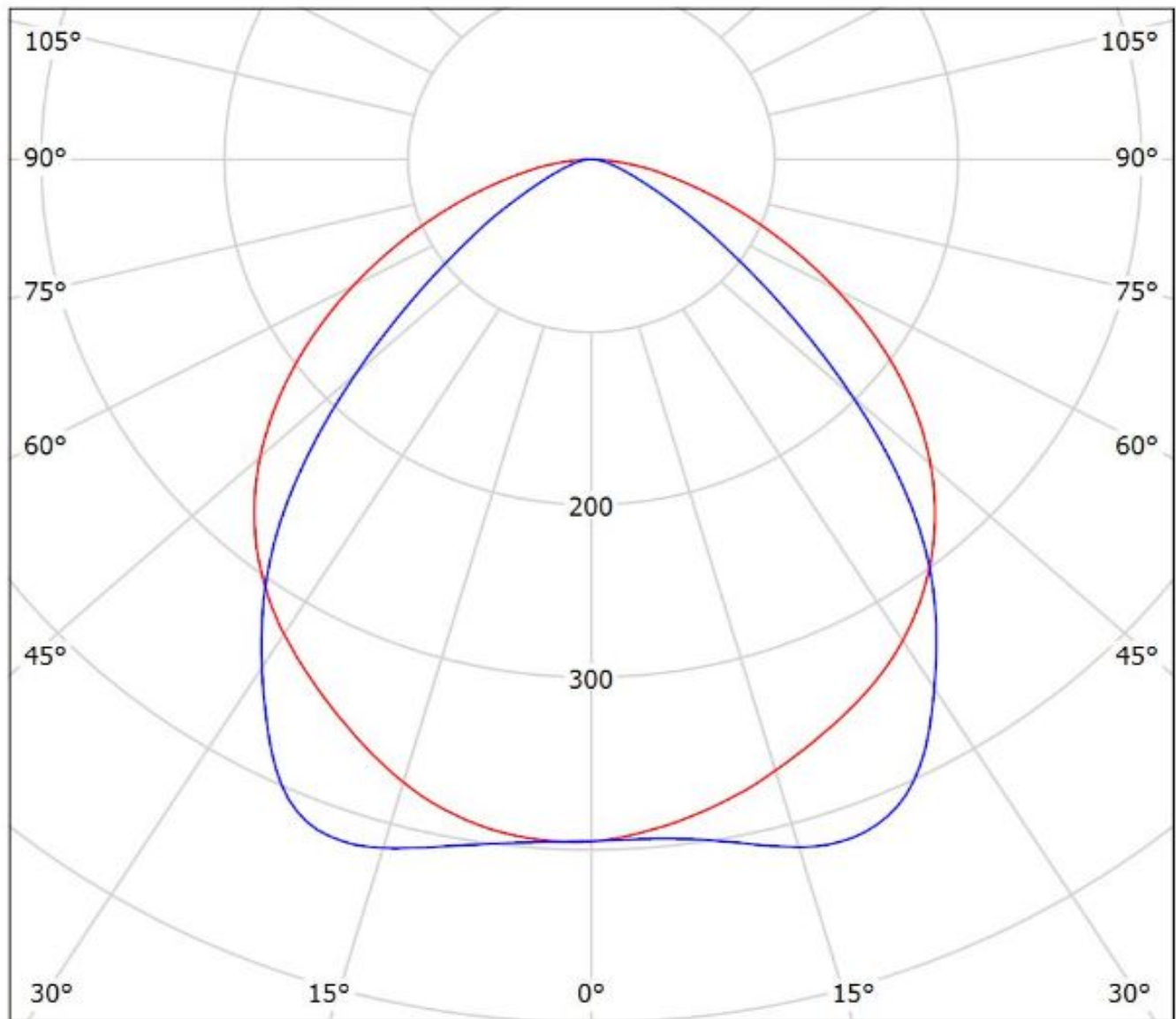
Ledil F14468_FLORENCE-1R-Z60_(Luxeon_3030_2D) / LDC (Polar)

Luminaire: Ledil F14468_FLORENCE-1R-Z60_(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 F14304_FLORENCE-1R-Z90_(3014_x22)

Lamps: 1 x Luxeon_3014_x22_(L130-5080)_282.652lm@60mA_P=1.9076W_I=0.060mA



cd/klm

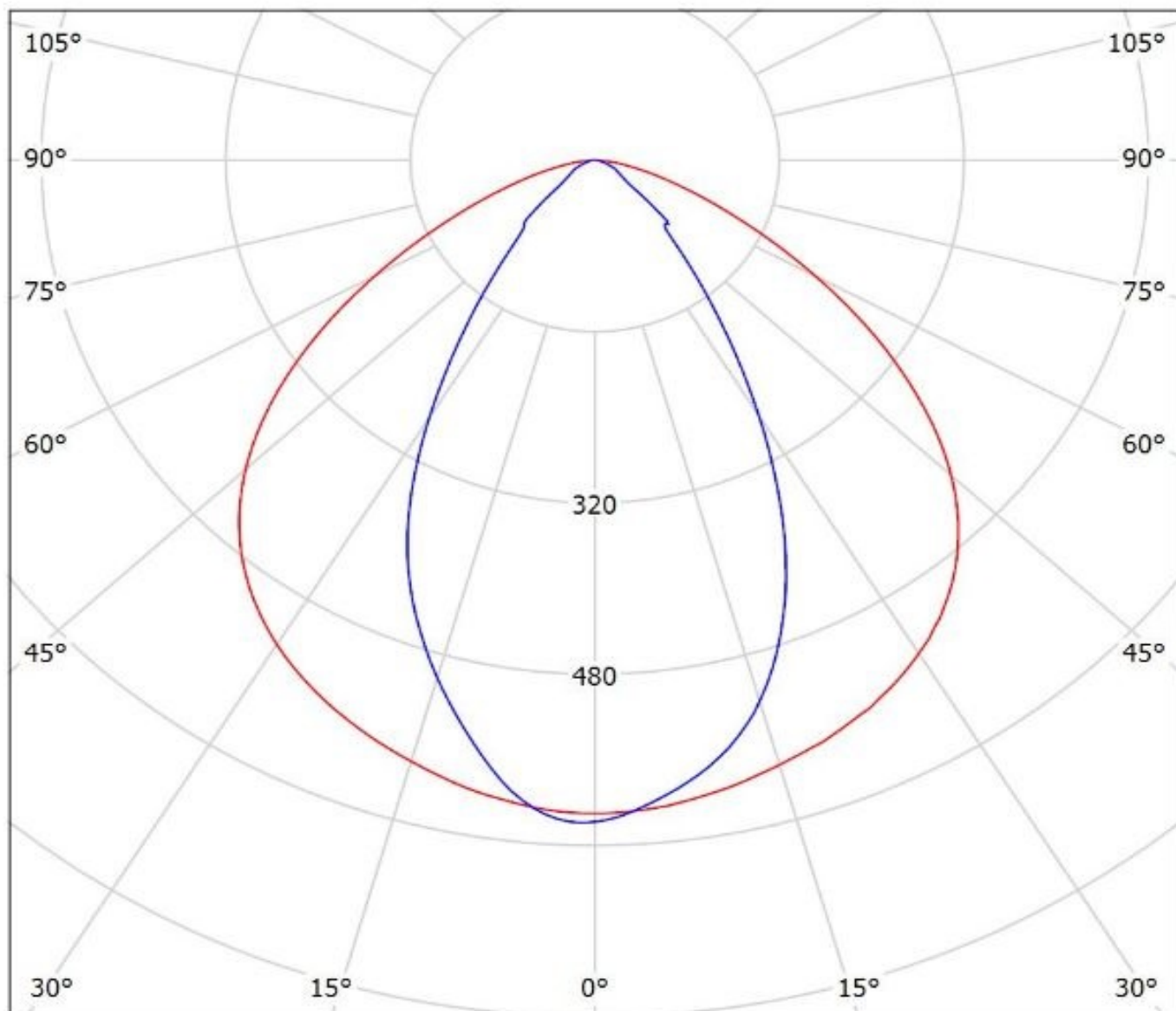
— C0 - C180

— C90 - C270

$\eta = 94\%$

Luminaire: Ledil F14468_FLORENCE-1R-Z60_(3535L_x22)

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



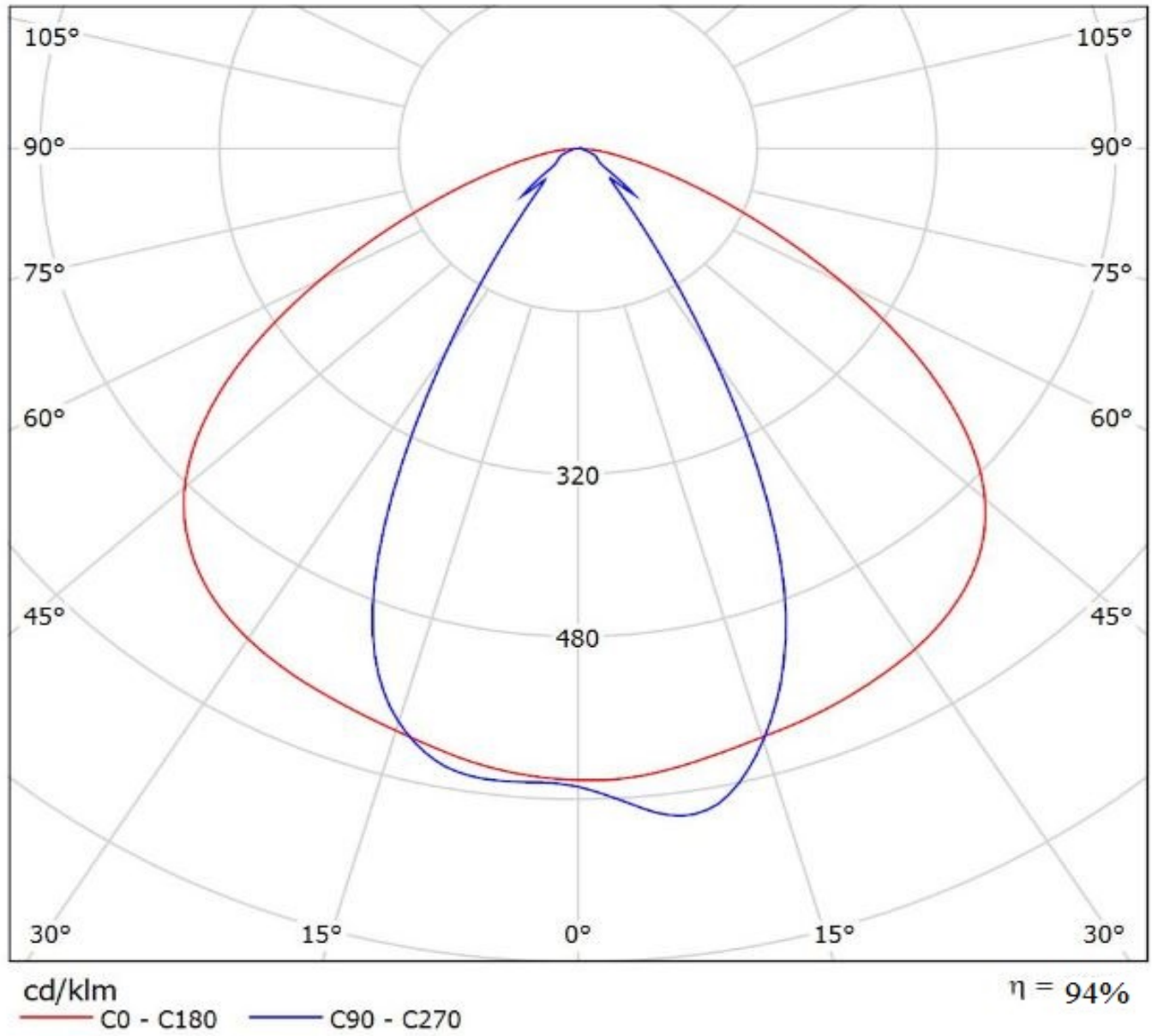
cd/klm

— C0 - C180 — C90 - C270

$\eta = 94\%$

Luminaire: Ledil F14468_FLORENCE-1R-Z60_(3020)

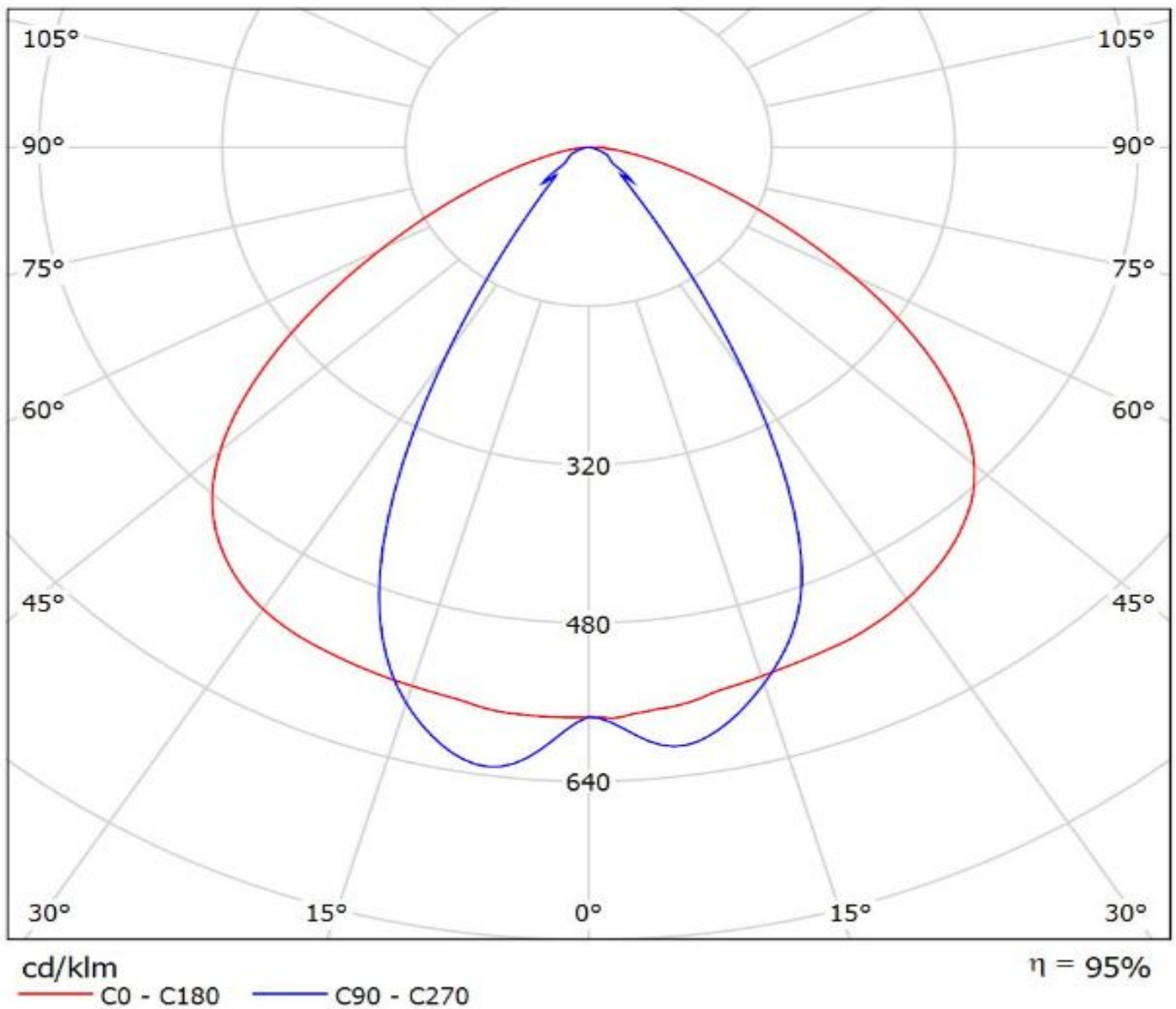
Lamps: 1 x Luxeon_3020_x22_(L130-2780)_488.066lm@120mA_P=3.7731W_I=0.120mA



Ledil F14468_FLORENCE-1R-Z60_(Luminus_MP-2016) / LDC (Polar)

Luminaire: Ledil F14468_FLORENCE-1R-Z60_(Luminus_MP-2016)

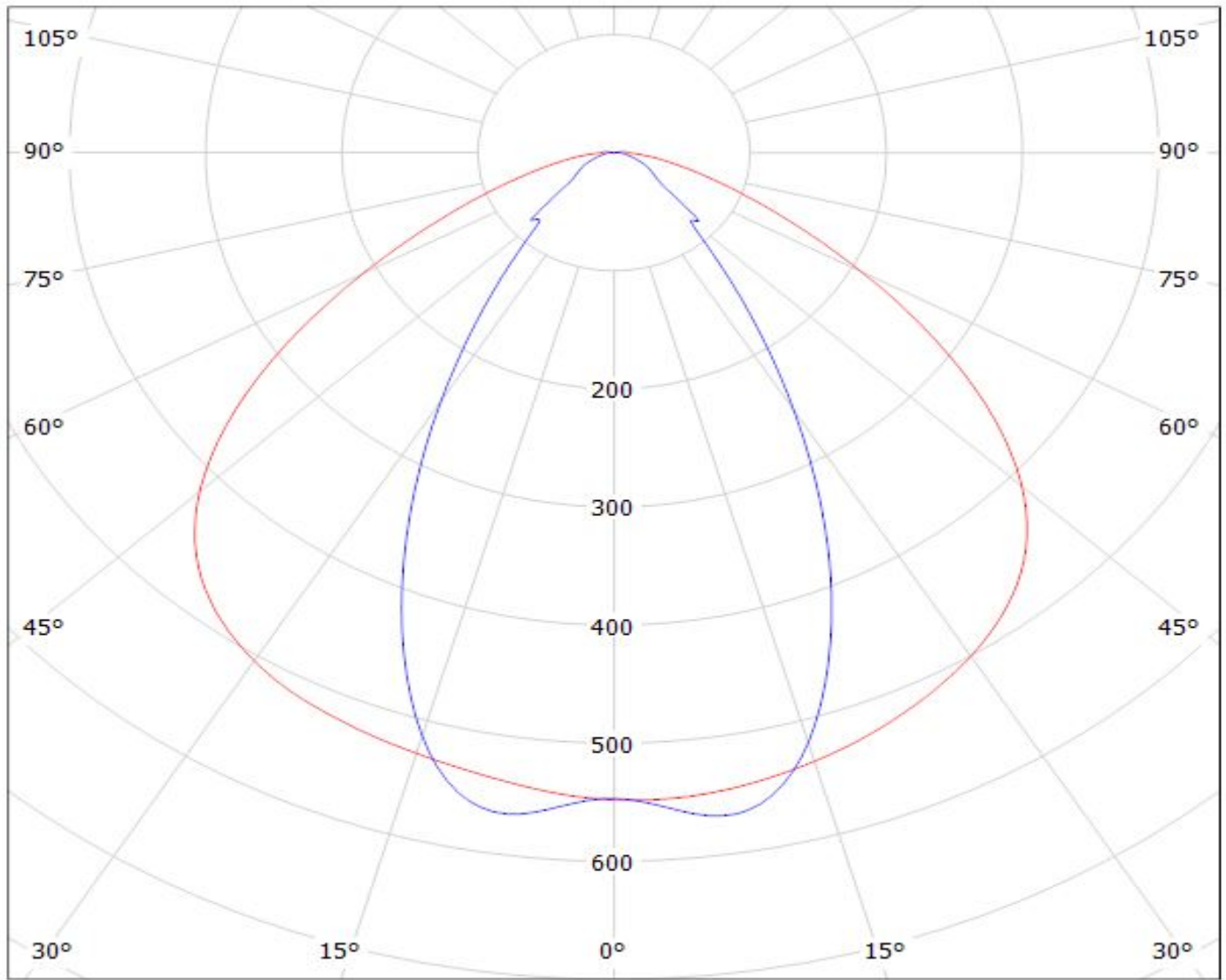
Lamps: 1 x Luminus_MP-2016_1x22_(LUMMP-1100-30-80)_471.904lm@120mA_P=4W_I=0.12A



Ledil F14468_FLORENCE-1R-Z60_(NF2x757D) / LDC (Polar)

Luminaire: Ledil F14468_FLORENCE-1R-Z60_(NF2x757D)

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

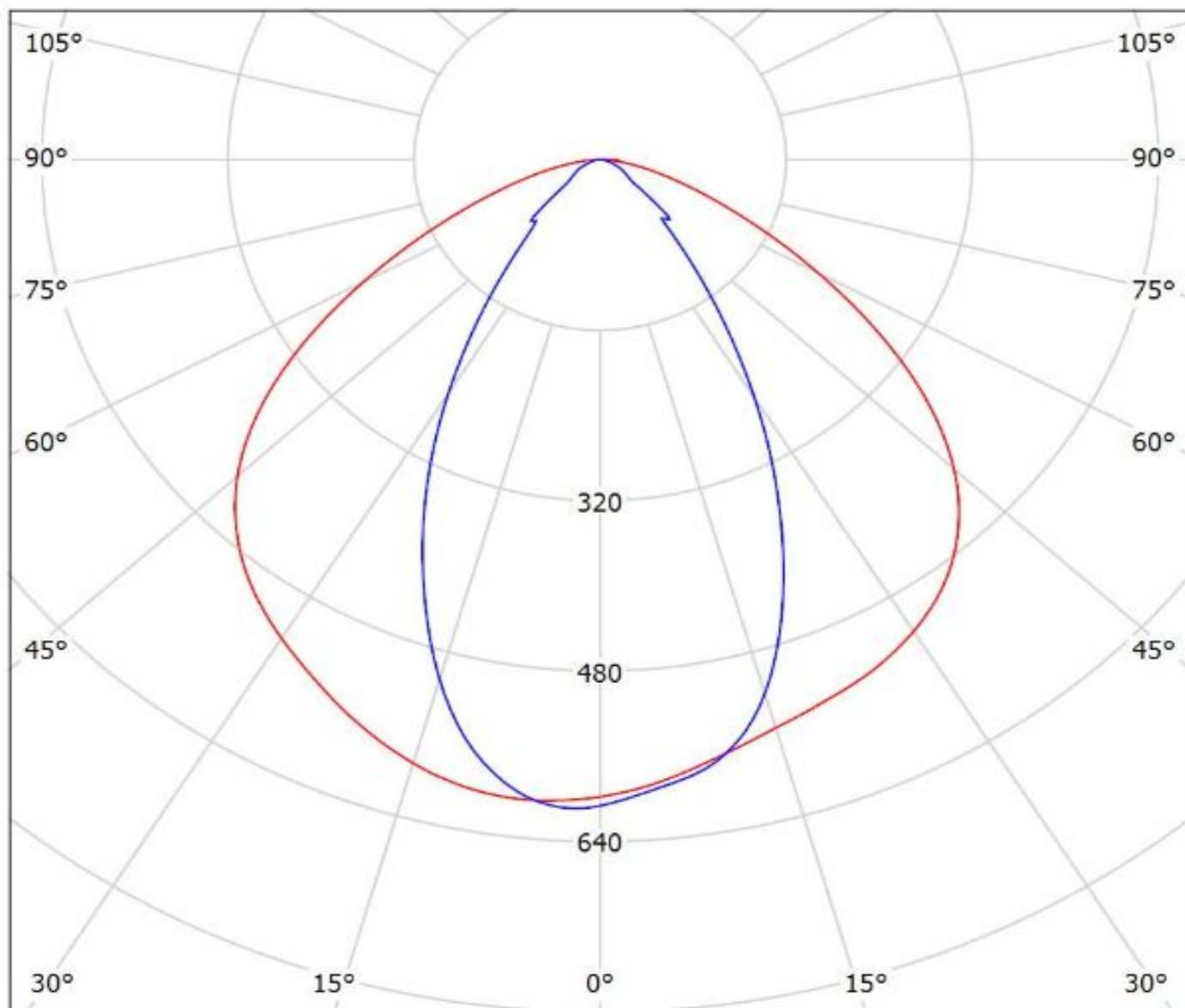


cd/klm

— C0 - C180 — C90 - C270

$\eta = 95\%$

Luminaire: Ledil F14468_FLORENCE-1R-Z60_(NF2W757G)
Lamps: 1 x NF2W757G_378.284lm@65mA_CCT=?K_P=1.97W_I=0.065A



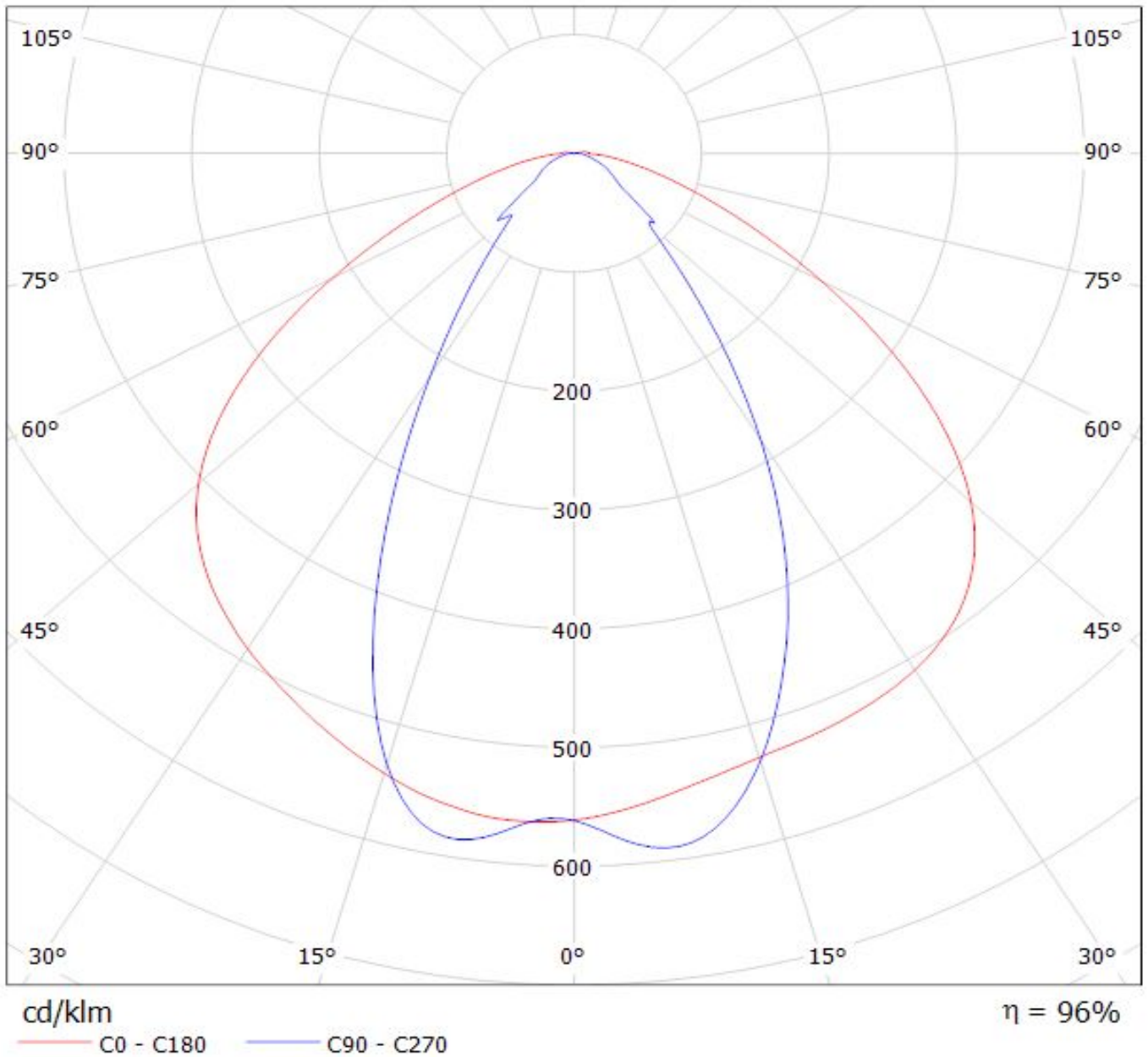
cd/klm

— C0 - C180 — C90 - C270

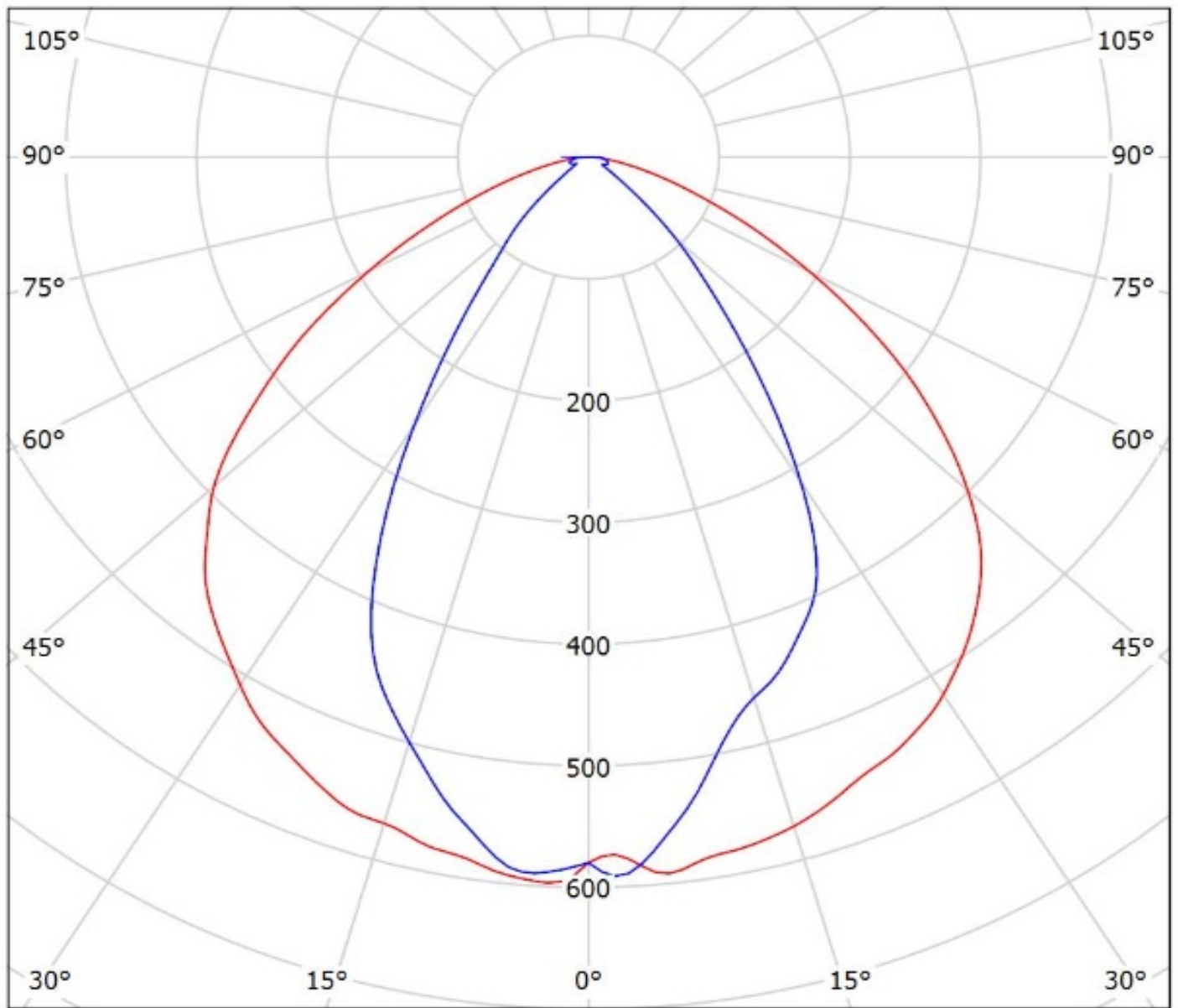
$\eta = 93\%$

Luminaire: Ledil F14468_FLORENCE-1R-Z60_(Duris_S5)

Lamps: 1 x Osram_Duris_S5_(GW_PSLRS1.EC-LQLS-5H7I-1)_993.467lm@100mA_P=8W_I=0.1000A



Luminaire: Ledil Oy F14468_FLORENCE-1R-Z60_(Duris_E_2835)_SIMULATED
Lamps: 1 x Osram Duris E 2835 - GW JTLRS1.EM

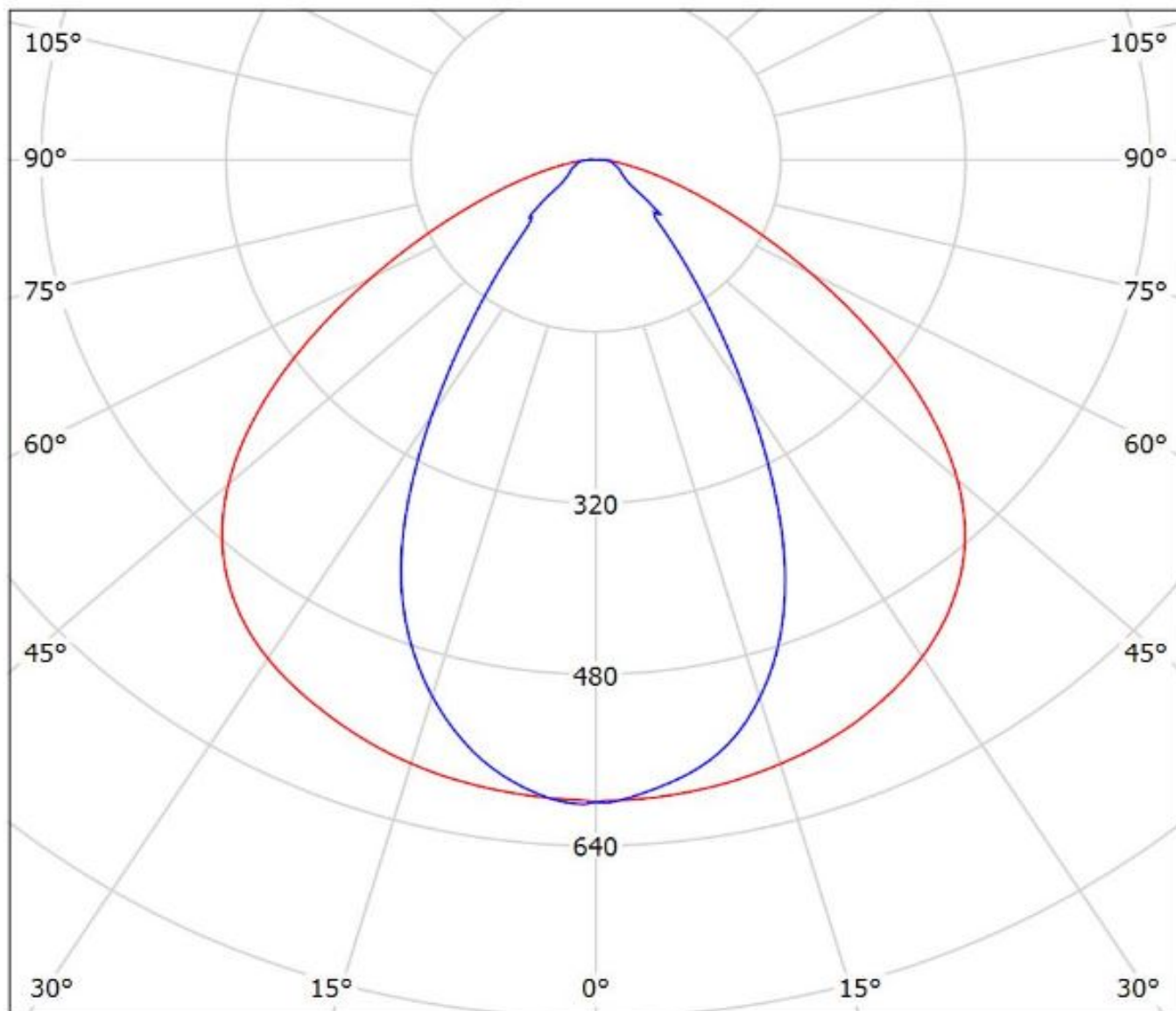


cd/klm

— C0 - C180 — C90 - C270

$\eta = 95\%$

Luminaire: LEDiL Oy F14468_FLORENCE-1R-Z60 (Fortimo_LED_Line_1ft_1100lm_840_1R_LV2)_Cav4
Lamps: 1 x Fortimo_LED_Line_1ft_1100lm_840_1R_LV2_1062.24lm@250mA_P=8.02208W_I=249.8mA

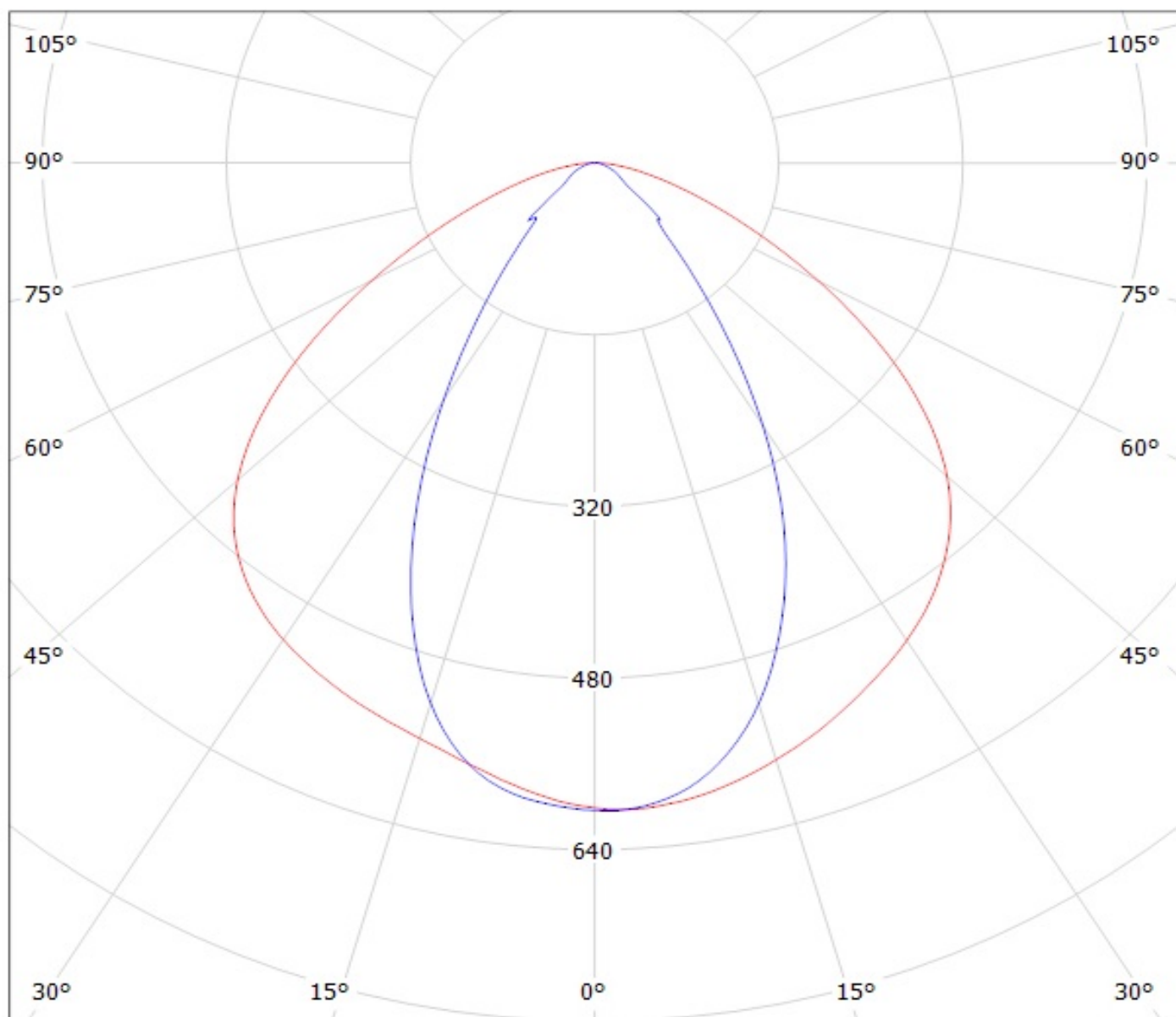


cd/klm
— C0 - C180 — C90 - C270

$\eta = 97\%$

Luminaire: LEDiL Oy F14468_FLORENCE-1R-Z60_(LM302A)

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



cd/klm

$\eta = 94\%$

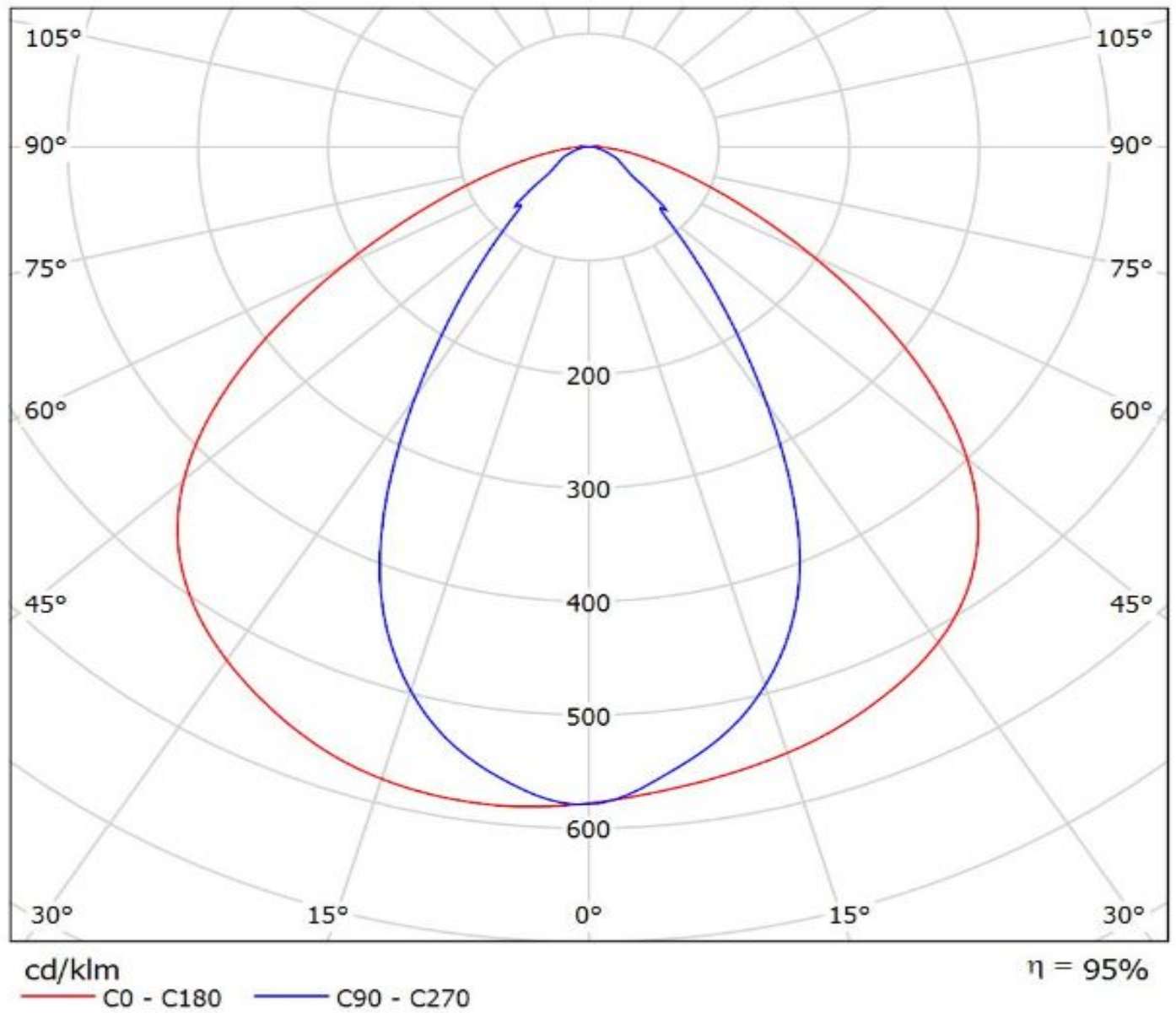
— C0 - C180

— C90 - C270

Ledil F14468_FLORENCE-1R-Z60_(LM561B) / LDC (Polar)

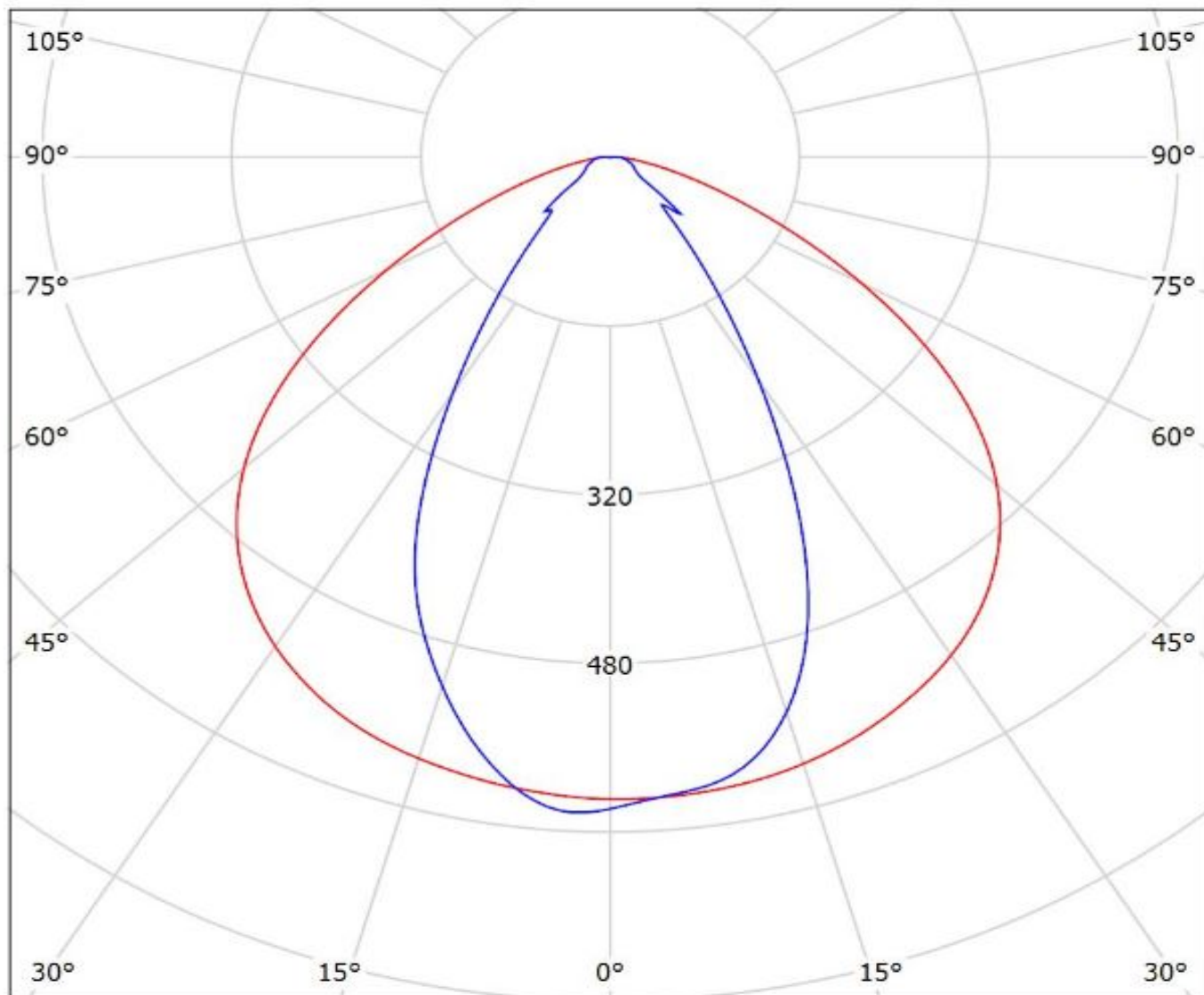
Luminaire: Ledil F14468_FLORENCE-1R-Z60_(LM561B)

Lamps: 1 x Samsung_LM561B_x22_348.84lm@65mA_P=1.97W_I=65mA



Luminaire: Ledil F14468_FLORENCE-1R-Z60_(LT-S282N)

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



cd/klm

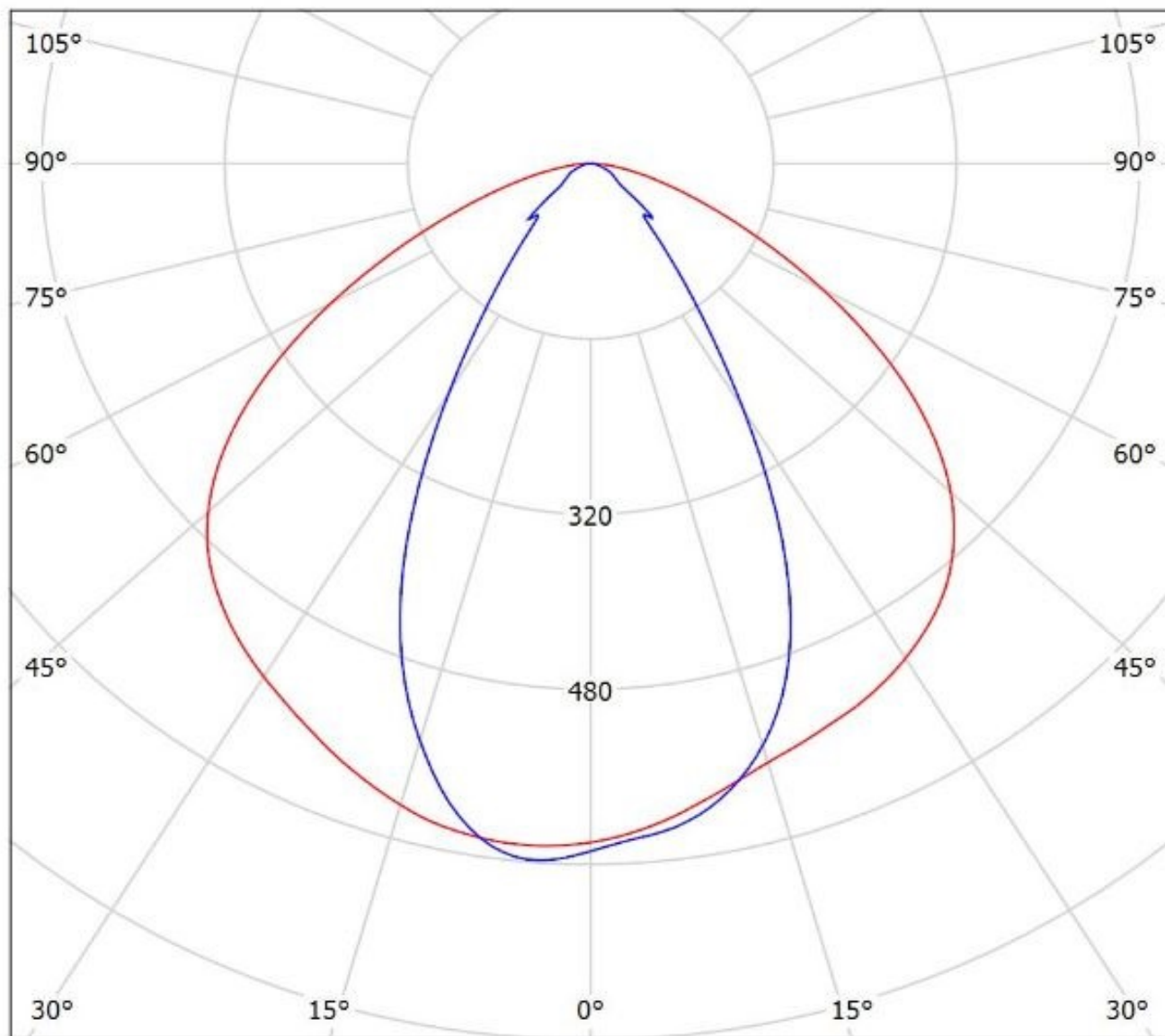
— C0 - C180

— C90 - C270

$\eta = 96\%$

Luminaire: Ledil F14468_FLORENCE-1R-Z60_(LM301A)

Lamps: 1 x Samsung_LM301A_x11_(SPMWHT328FD5WAT0S0)_1087.4lm@250mA_P=8.1922W_I=0.25A



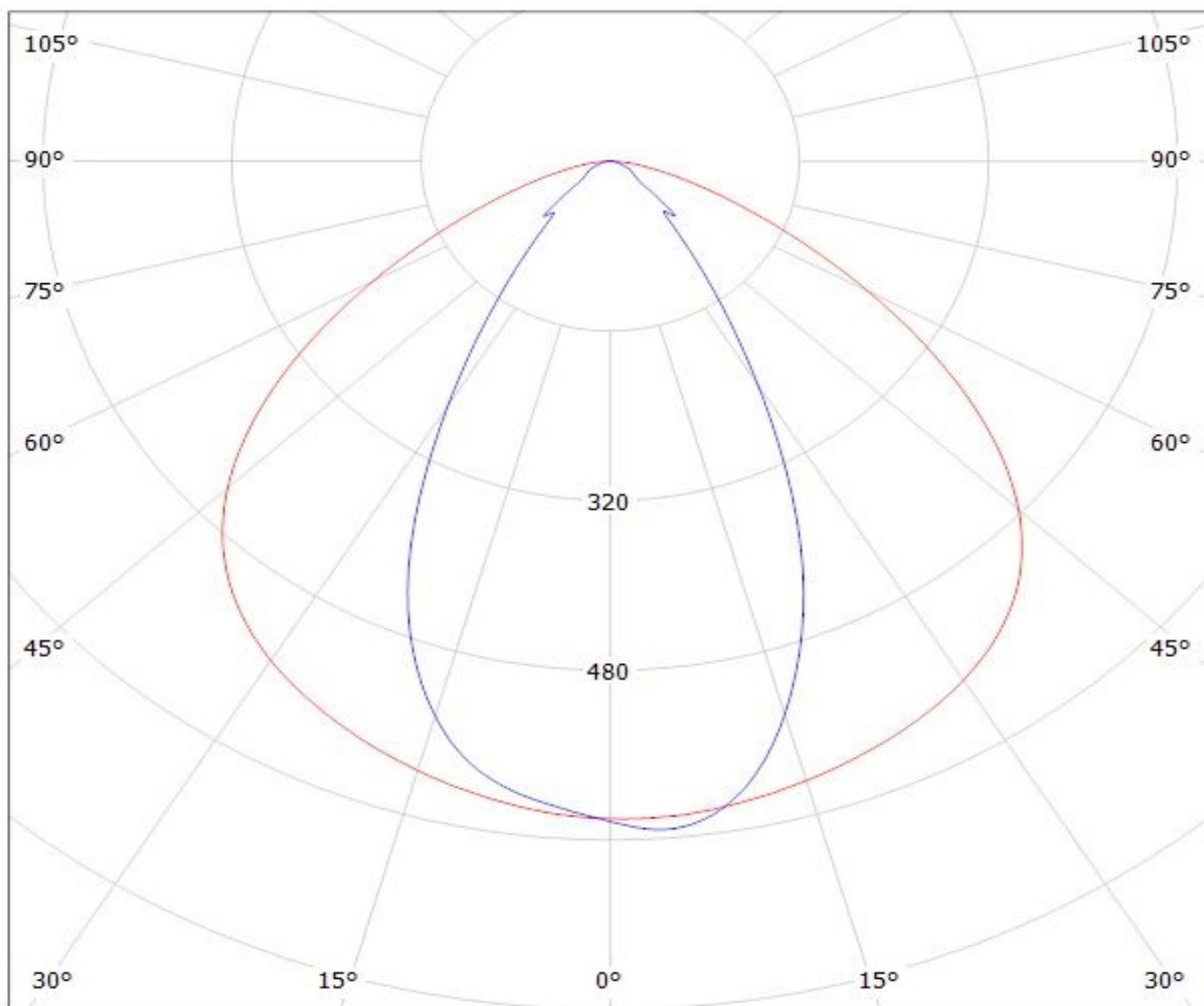
cd/klm

— C0 - C180 — C90 - C270

$\eta = 94\%$

Luminaire: LEDiL Oy F14468_FLORENCE-1R-Z60_(LM561C)

Lamps: 1 x Samsung_LM561C_688.201lm@130mA_P=3.9390W_I=0.130A



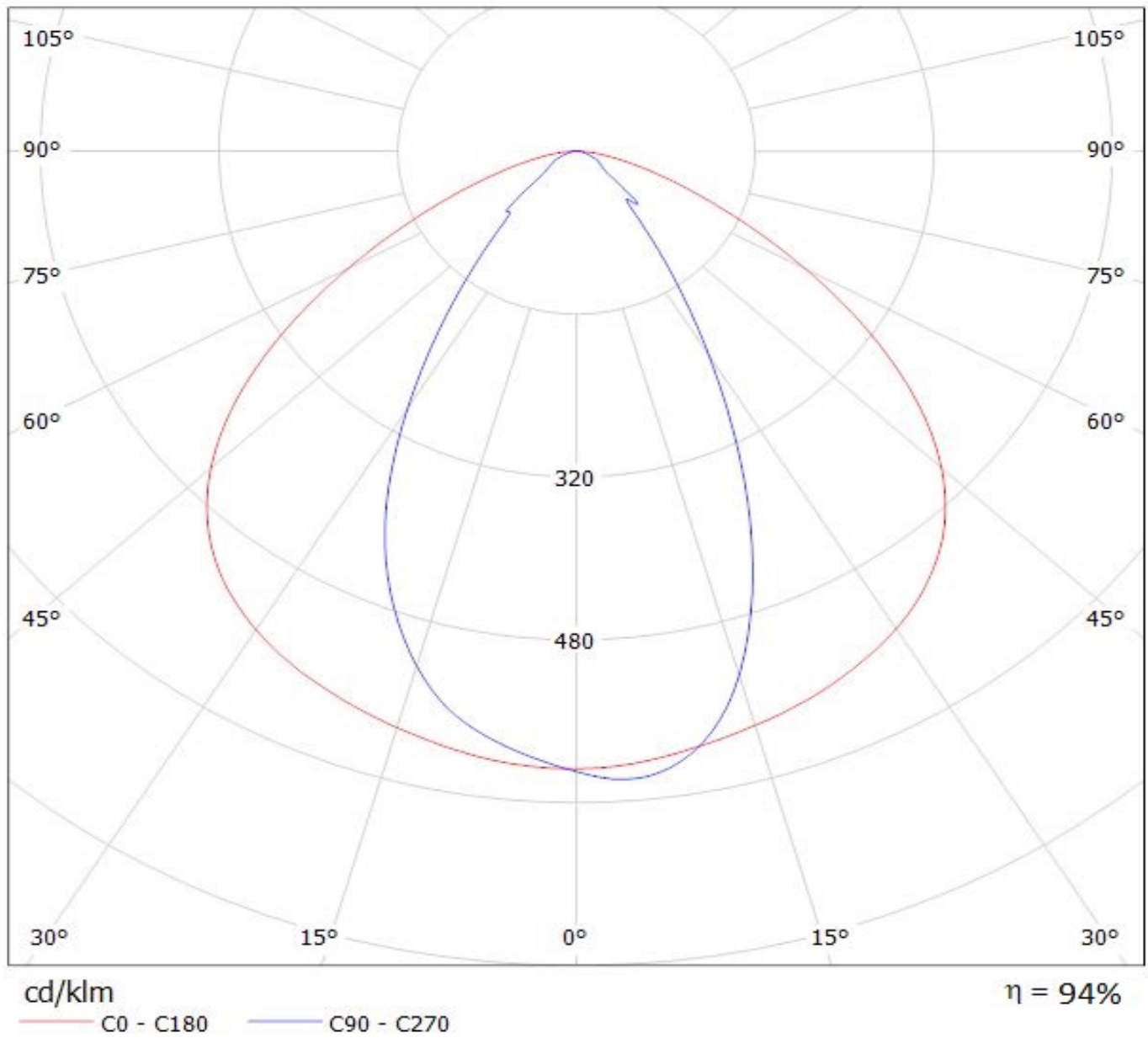
cd/klm

— C0 - C180

— C90 - C270

$\eta = 94\%$

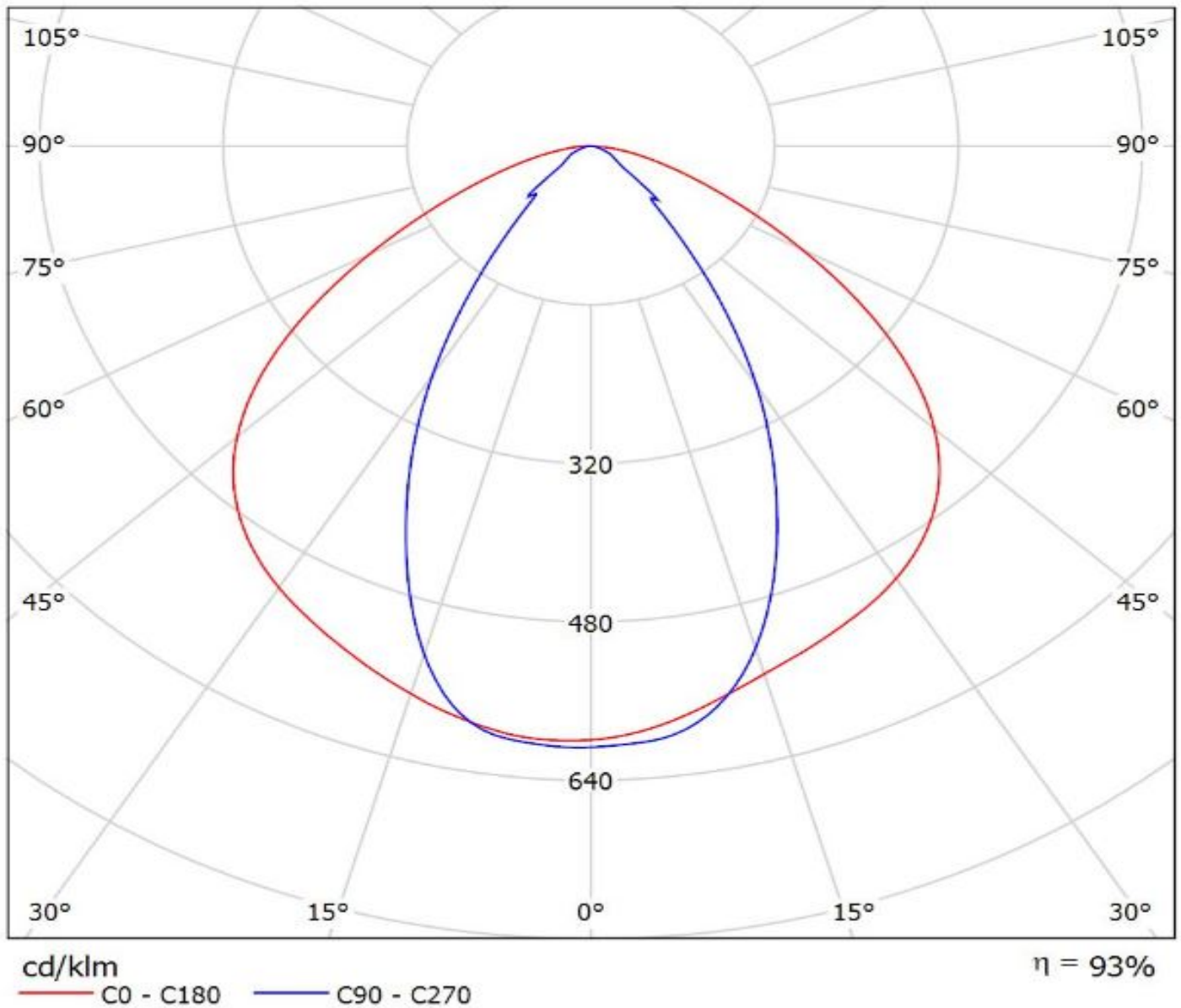
Luminaire: LEDiL Oy F14468_FLORENCE-1R-Z60_(LM281B)
Lamps: 1 x Samsung_LM281B_1309.14lm@300mA_P=10.244W_I=0.300A



Ledil F14468_FLORENCE-1R-Z60_(Seoul_3030) / LDC (Polar)

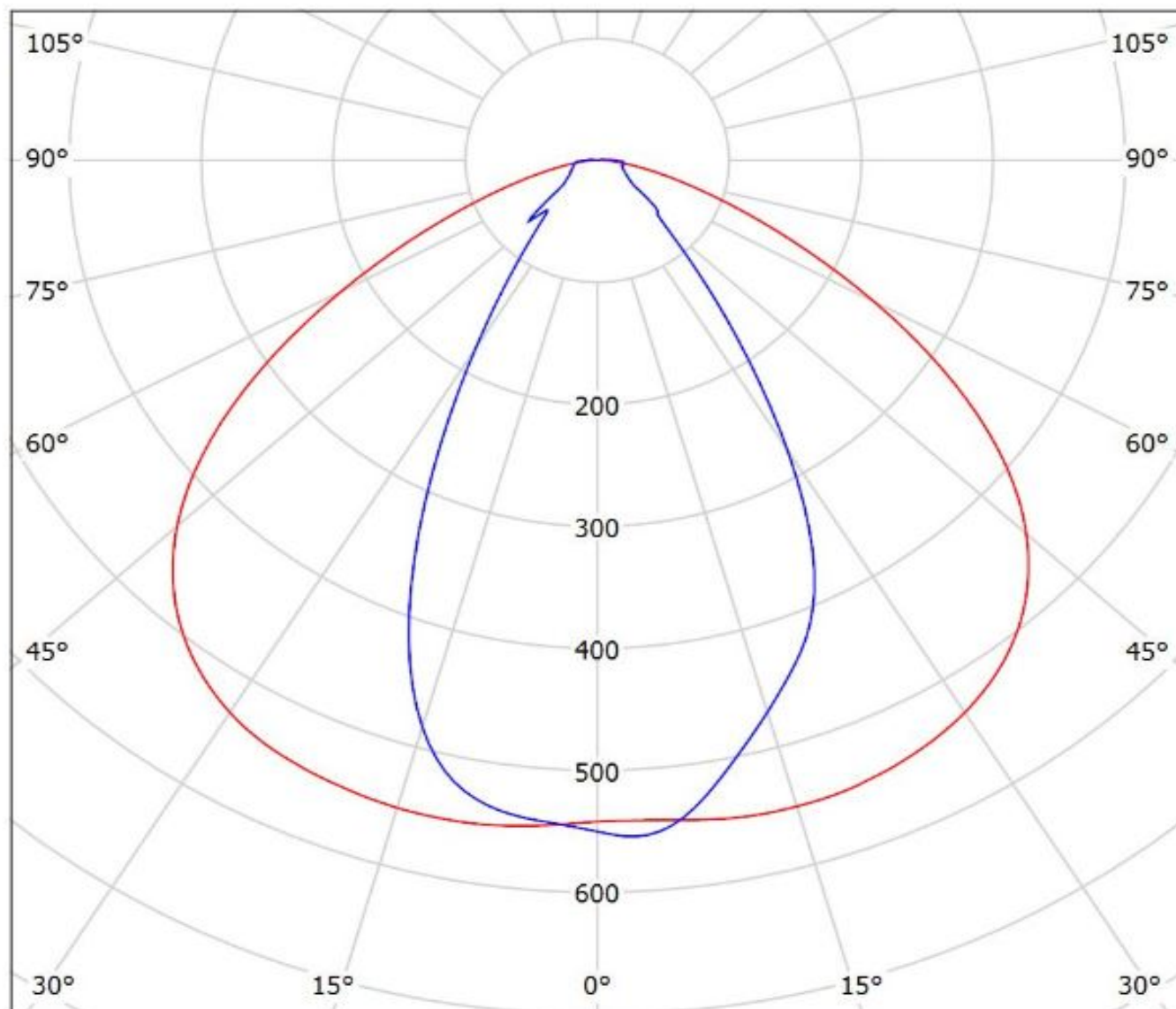
Luminaire: Ledil F14468_FLORENCE-1R-Z60_(Seoul_3030)

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



Luminaire: Ledil F14468_FLORENCE-1R-Z60_(CALGD0814-M17W1)

Lamps: 1 x Citizen_(CALGD0814-M17W1)_1098.26lm@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.