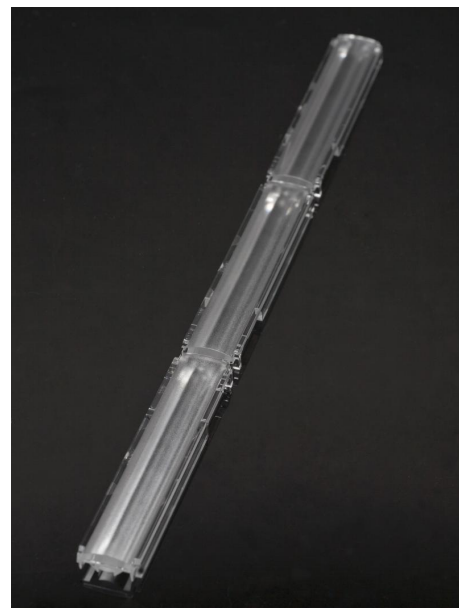


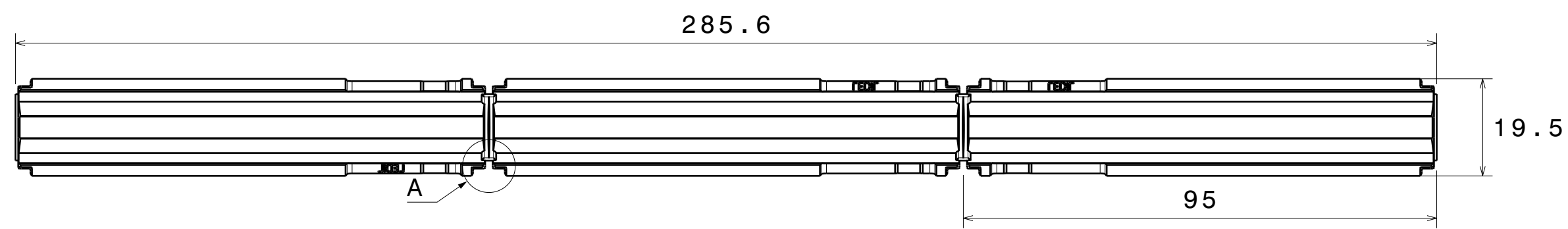
DETAILS

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	ready
ROHS Compliant	Yes
Date Updated	11/08/2015

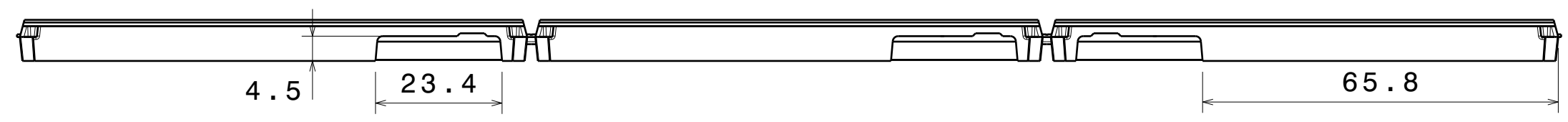


OPTICAL PROPERTIES

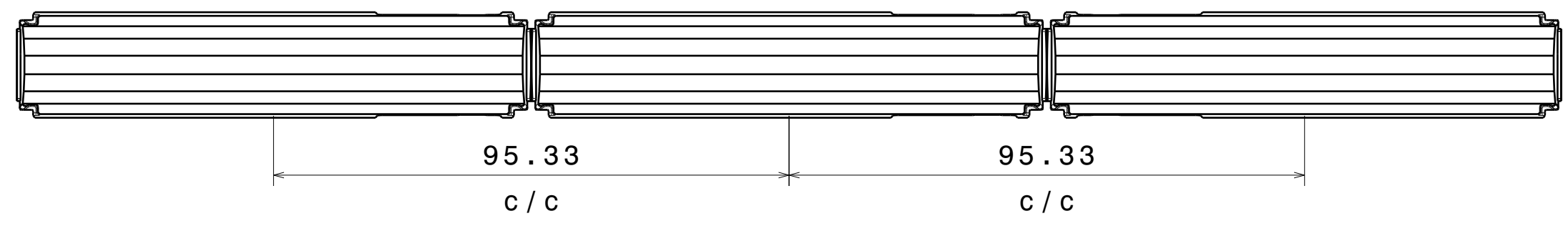
LED	Viewing	Light	Efficiency	cd/lm	Connector
	Angle	Beam			
Luxeon 3020	55+117 deg	Medium	94 %	0.660	-
LT-S282N	56+112 deg	Medium	94 %	0.620	-
LM301A	56+113 deg	Medium	94 %	0.640	-
NF2x757G	56+111 deg	Medium	93 %	0.600	-
LM561C	56+113 deg	Medium	94 %	0.630	-
Luxeon 3030 2D	57+114 deg	Medium	94 %	0.600	-
CALGD0814-M17W1	57+118 deg	Medium	92 %	0.550	-
Duris S5 (2 chip)	58+114 deg	Medium	94 %	0.590	-
Fortimo LED Line 1ft 1100lm 8x0 1R xV258+111 deg		Medium	94 %	0.600	-
MP-2016	58+115 deg	Medium	94 %	0.630	-
CALGD0414-M8W1	58+121 deg	Medium	94 %	0.550	-
NF2x757D	59+114 deg	Medium	94 %	0.570	-
LM302A	59+111 deg	Medium	94 %	0.600	-
LM561B	59+111 deg	Medium	94 %	0.580	-
SEOUL 3030	59+111 deg	Medium	94 %	0.600	-
Luxeon 3014	59+115 deg	Medium	94 %	0.640	-
Luxeon 3535L	59+110 deg	Medium	94 %	0.620	-
Luxeon 3535 2D	60+109 deg	Medium	94 %	0.590	-
XH-B/G	63+113 deg	Medium	94 %	0.540	-
L0-280024-xxx-C0800-L267	65+107 deg	Medium	930 %	0.530	-



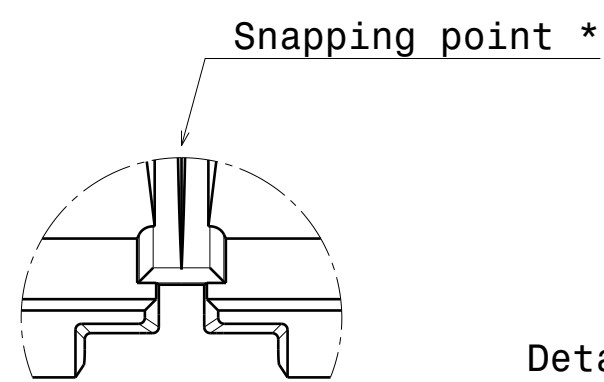
Bottom view



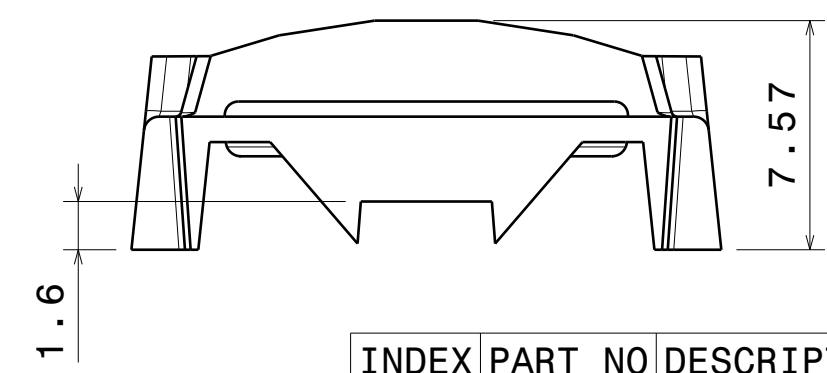
Left view



Top view



Detail A
Scale 4:1



Front view
Scale 4:1

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

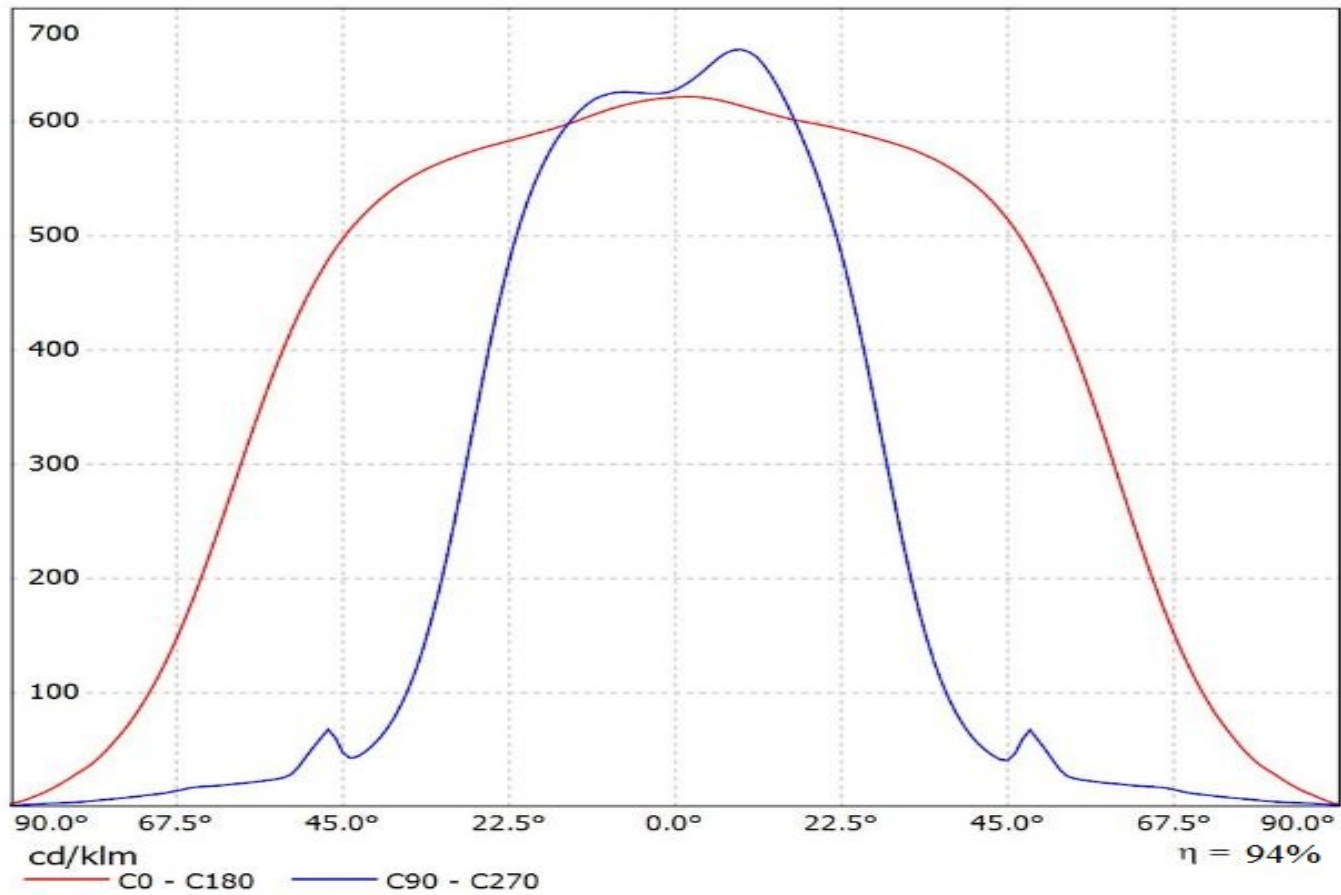
Tolerances if not otherwise shown
According to DIN ISO 2768-1
Linear measures:
Up to 30mm class M, otherwise class C.
According to DIN ISO 2768-2
Form and position: class L

THIRD ANGLE PROJECTION:

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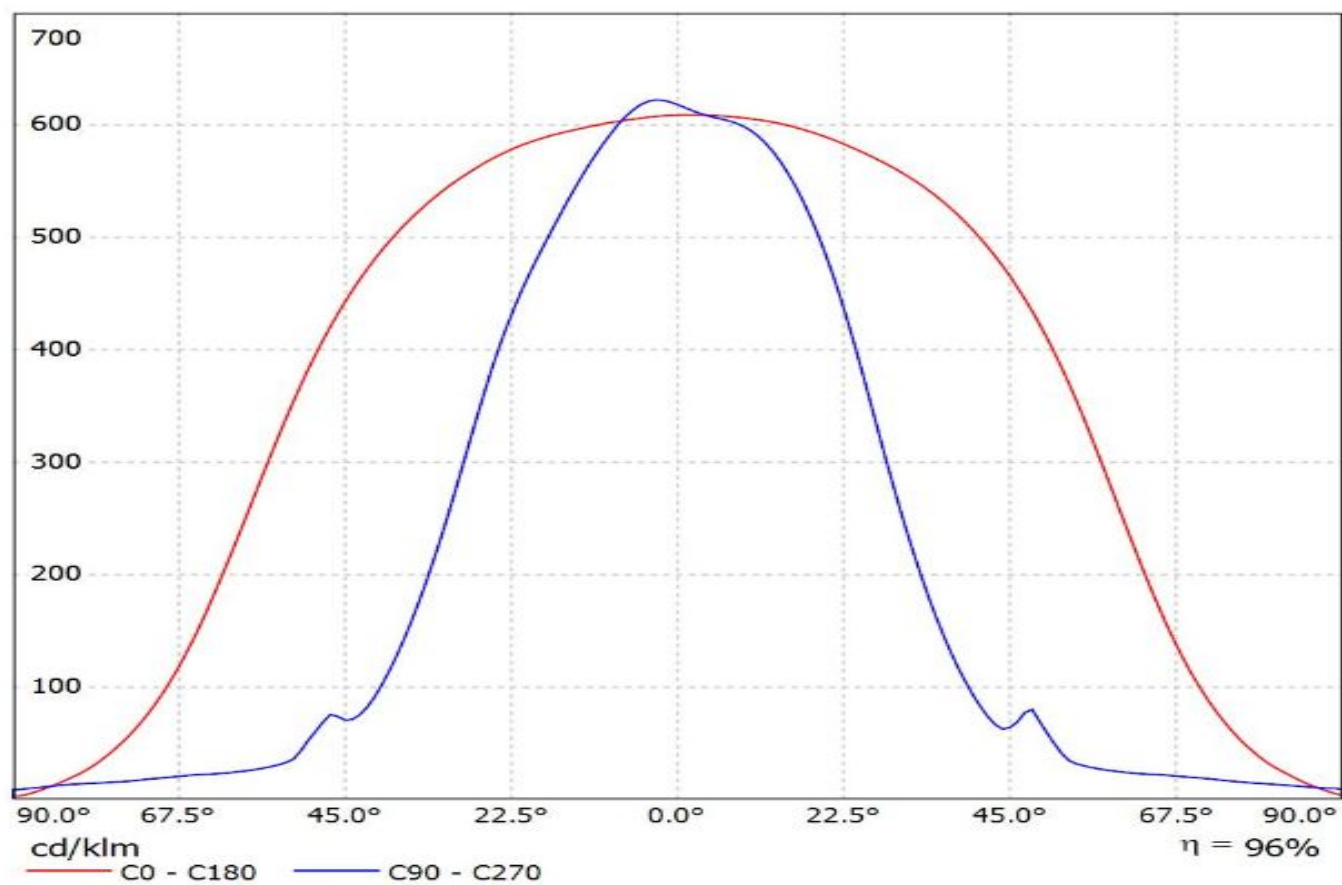
INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	F14468	FLORENCE - 1R - Z60	PMMA	
LEDiL	LediL Oy			
	Salorankatu 10			
	FIN 24240 SALO			
	Finland			
DRAWING TITLE				
F14468_FLORENCE - 1R - Z60				
SIZE	PART NUMBER			
A3	F14468			
SCALE	1 : 1			SHEET 1 / 1

Luminaire: Ledil F14468_FLORENCE-1R-Z60_(3020)
Lamps: 1 x Luxeon_3020_x22_(L130-2780)_488.066lm@120mA_P=3.7731W_I=0.120mA



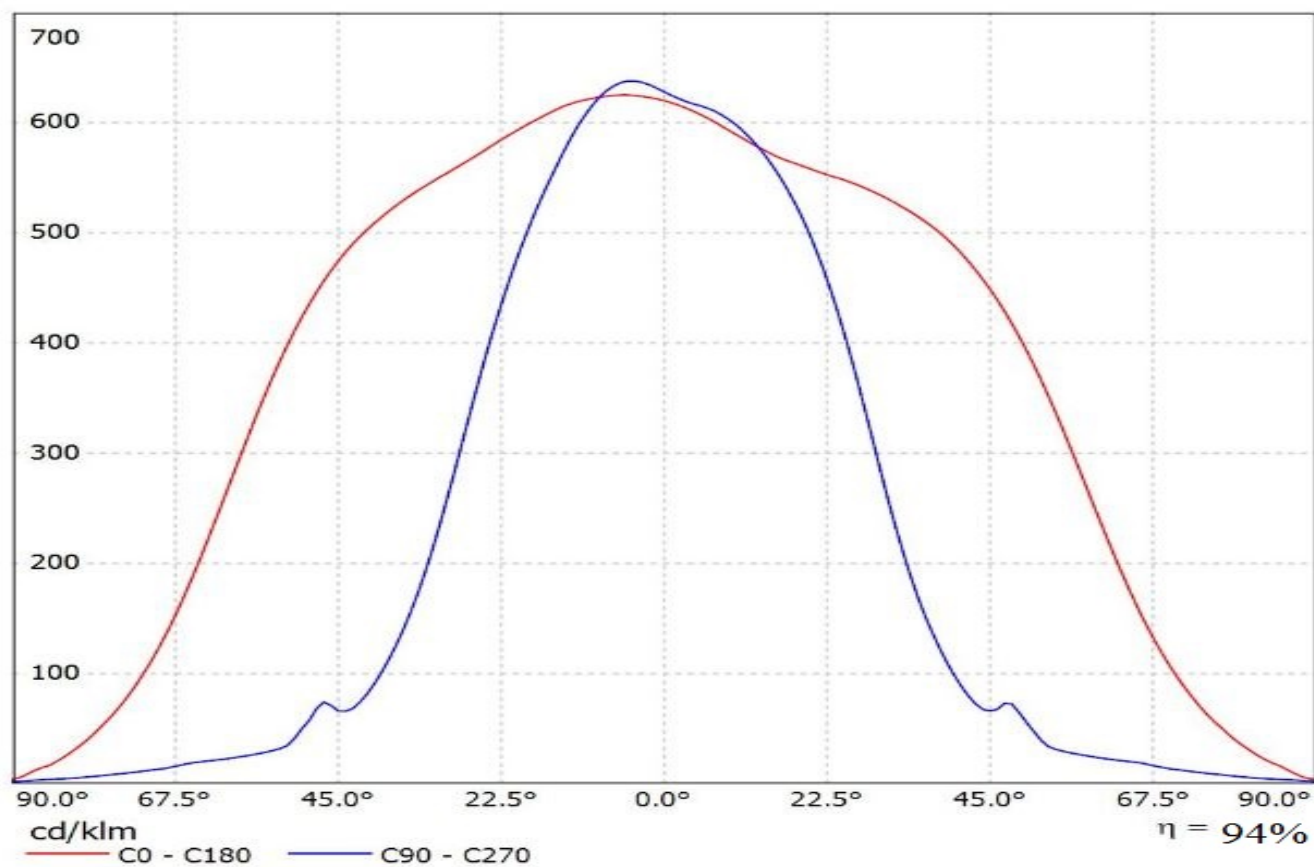
Luminaire: Ledil F14468_FLORENCE-1R-Z60_(LT-S282N)

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

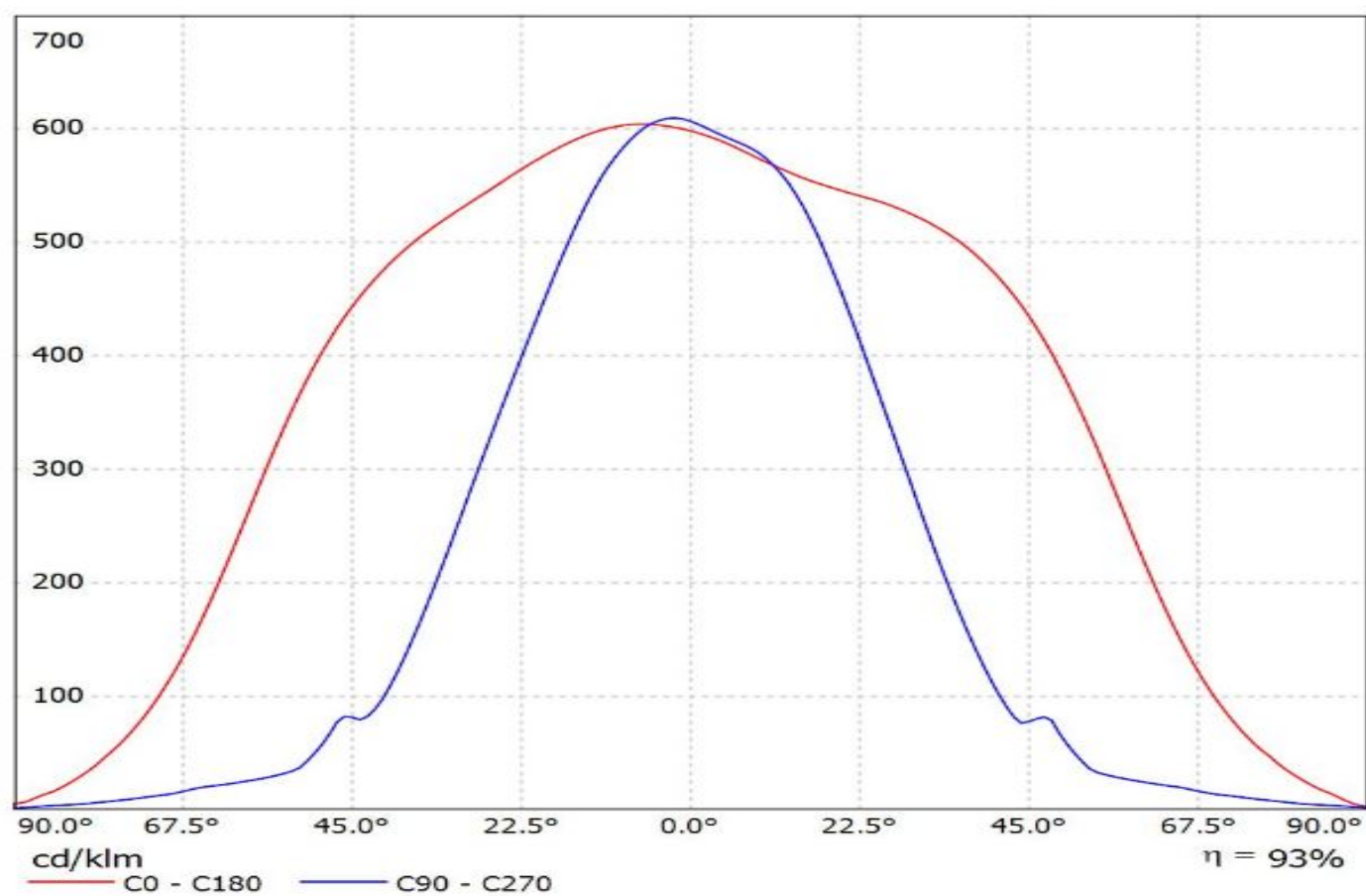


Luminaire: Ledil F14468_FLORENCE-1R-Z60_(LM301A)

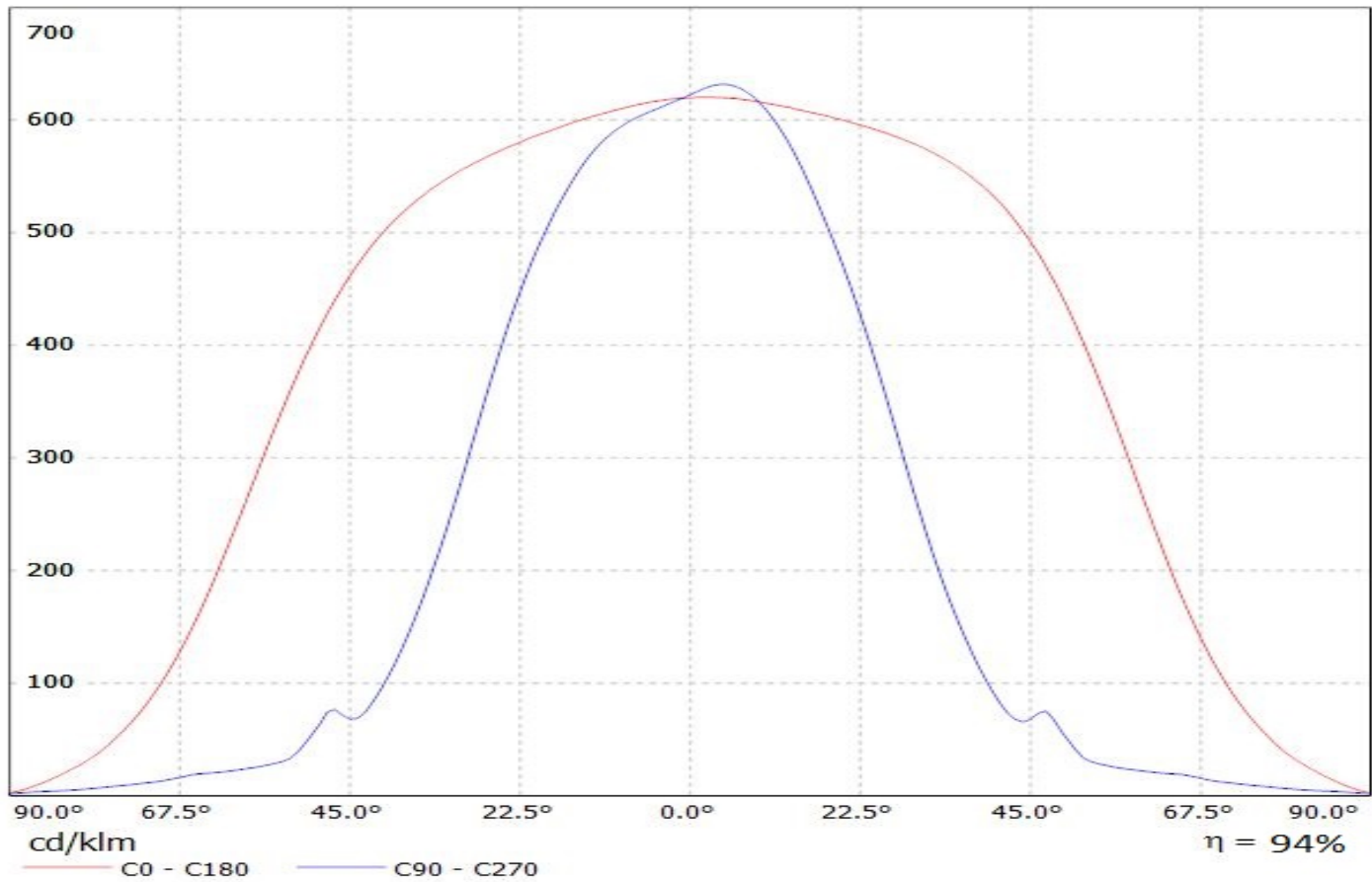
Lamps: 1 x Samsung_LM301A_x11_(SPMWHT328FD5WAT0S0)_1087.4lm@250mA_P=8.1922W_I=0.25A



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



Luminaire: LEDiL Oy F14468_FLORENCE-1R-Z60_(LM561C)
Lamps: 1 x Samsung_LM561C_688.201lm@130mA_P=3.9390W_I=0.130A

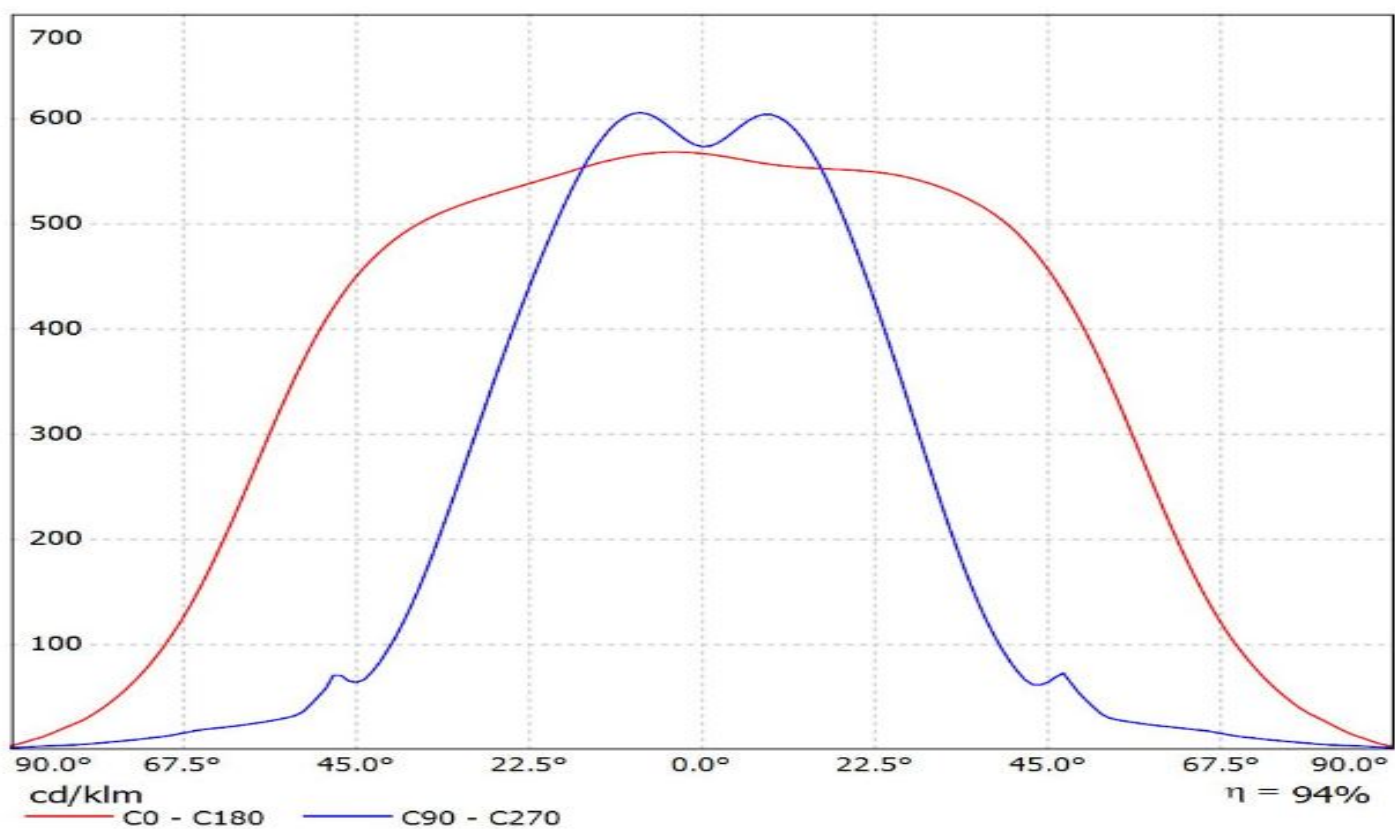


Ledil F14468_FLORENCE-1R-Z60_(Luxeon_3030_2D) / LDC (Linear)

Luminaire: Ledil F14468_FLORENCE-1R-Z60_(Luxeon_3030_2D)

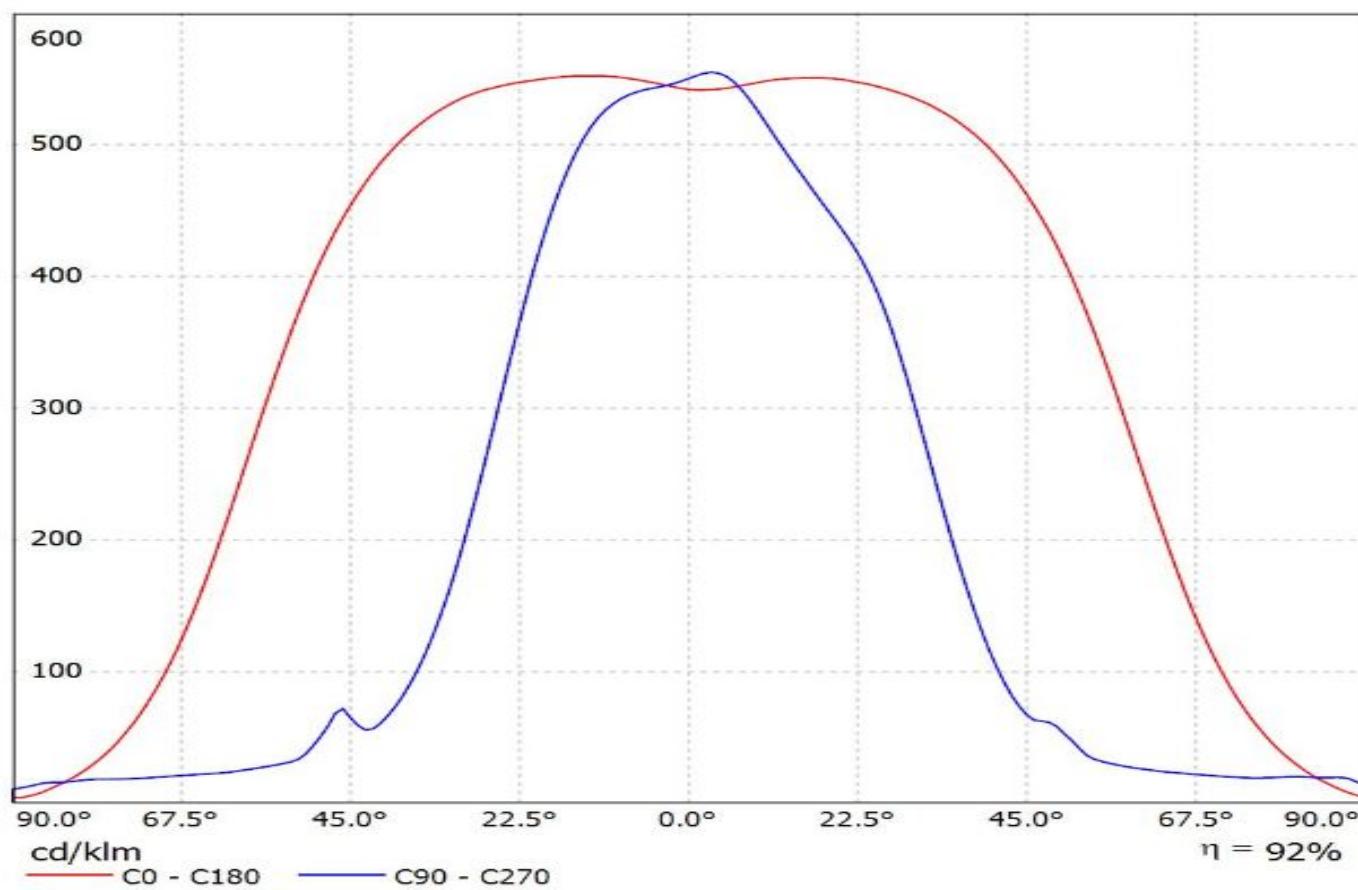
Lamps: 1 x Luxeon_3030_2D_x22_(L130-4080003000W21)

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



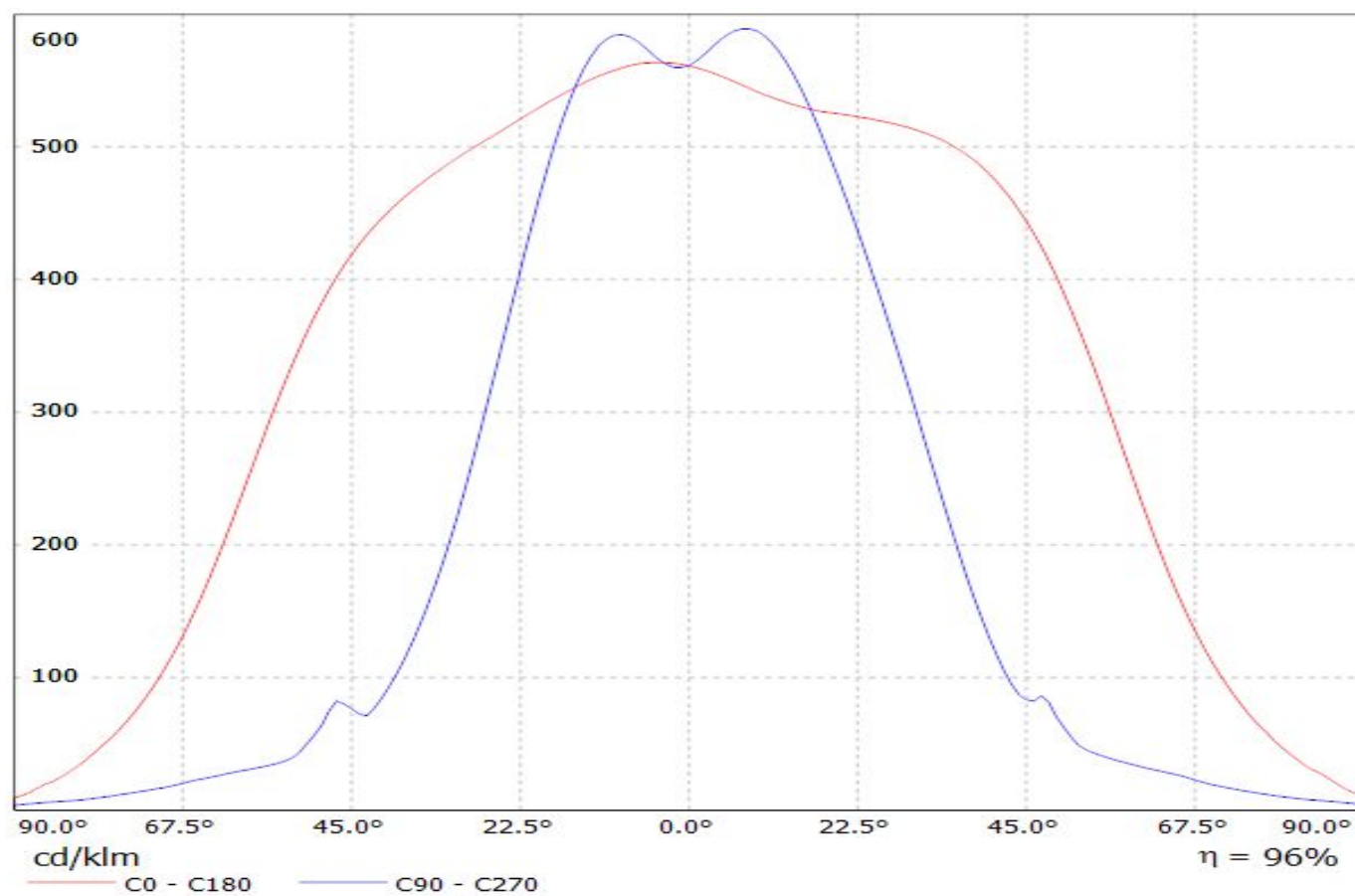
Luminaire: Ledil F14468_FLORENCE-1R-Z60_(CALGD0814-M17W1)

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

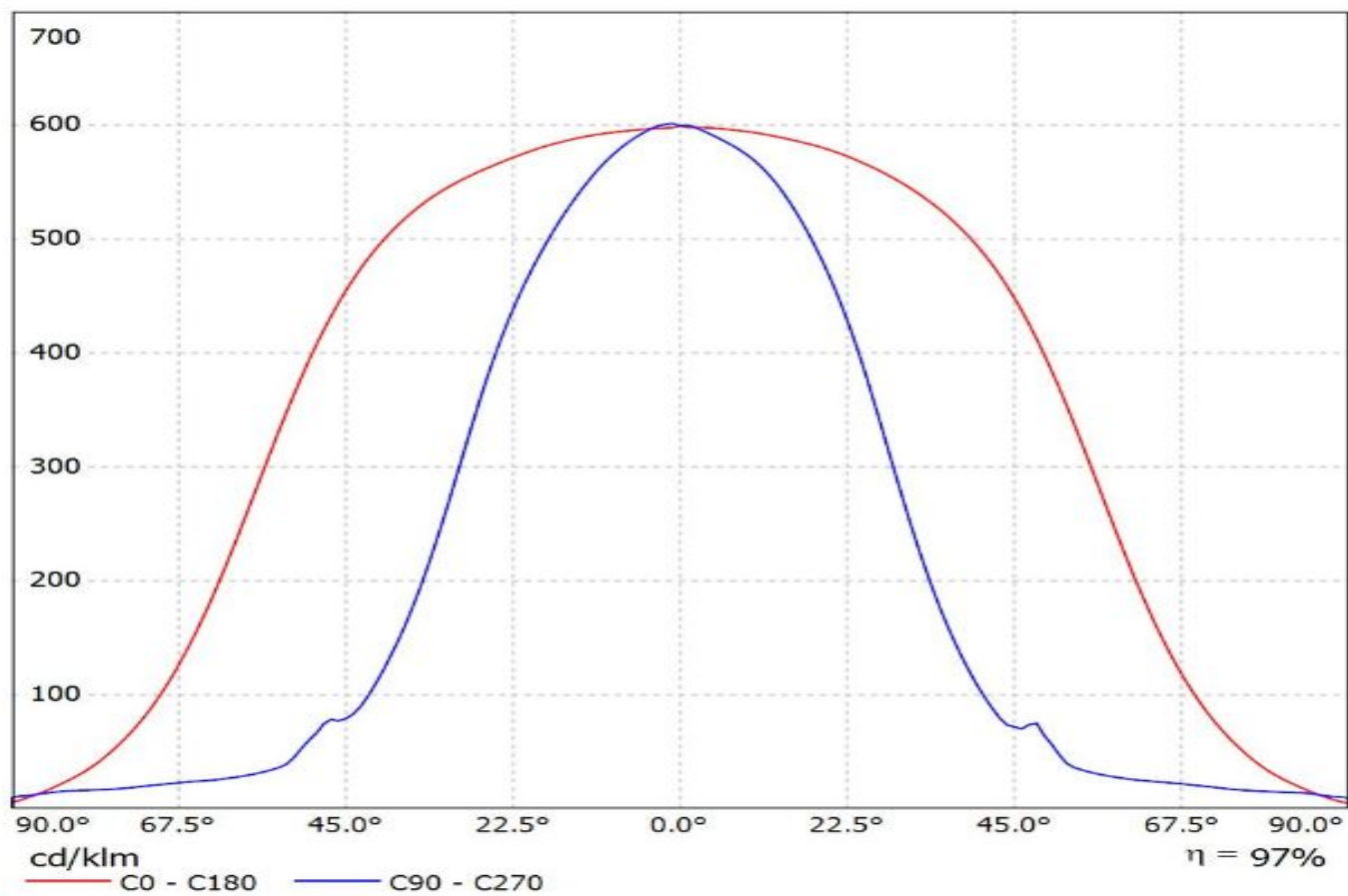


Luminaire: Ledil F14468_FLORENCE-1R-Z60_(Duris_S5)

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



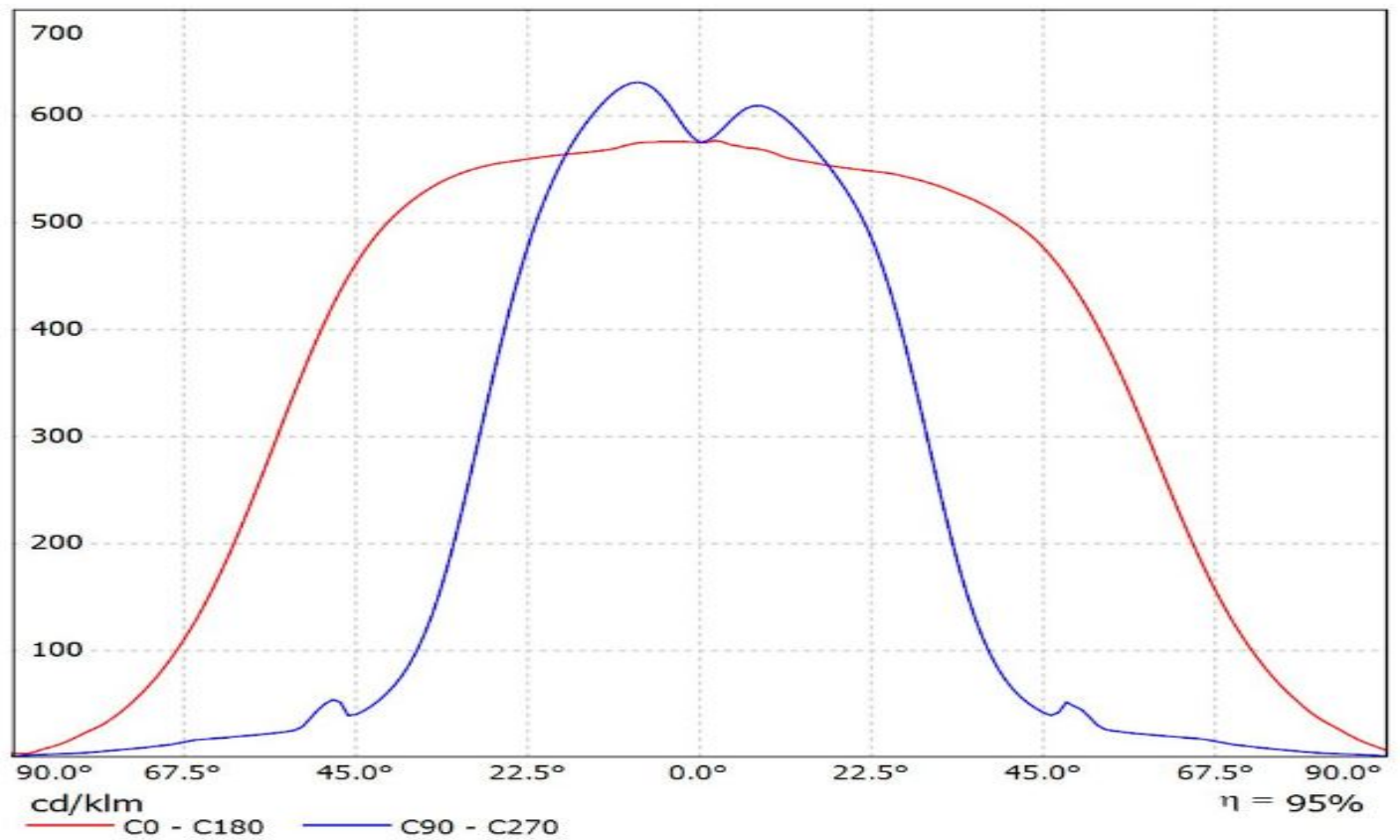
Luminaire: LEDiL Oy F14468_FLORENCE-1R-Z60 (Fortimo_LED_Line_1ft_1100lm_840_1R_LV2)_Cav4
Lamps: 1 x Fortimo_LED_Line_1ft_1100lm_840_1R_LV2_1062.24lm@250mA_P=8.02208W_I=249.8mA



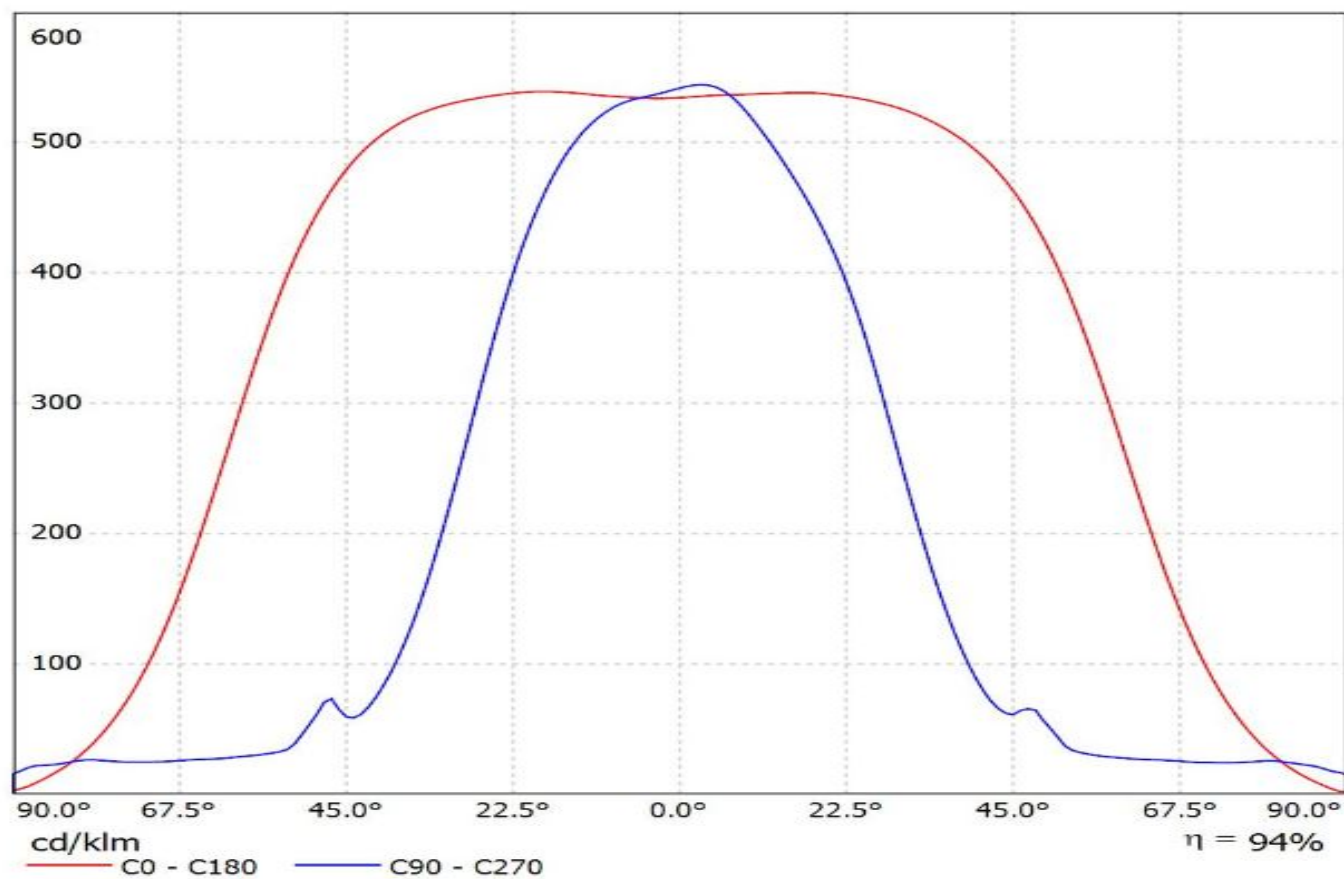
Ledil F14468_FLORENCE-1R-Z60_(Luminus_MP-2016) / LDC (Linear)

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



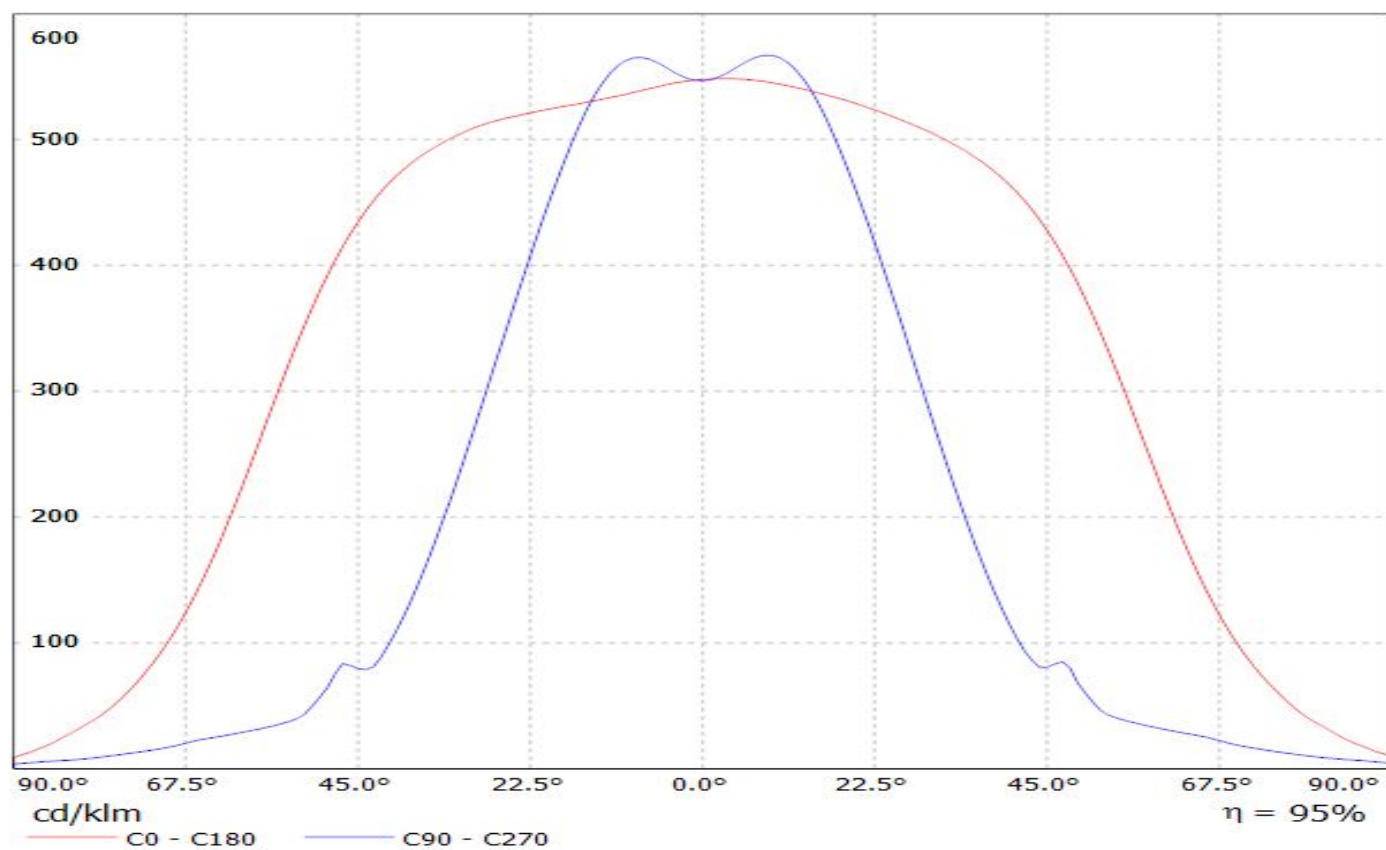
Luminaire: Ledil F14468_FLORENCE-1R-Z60_(CALGD0414-M8W1)
Lamps: 1 x CALGD0414-M8W1_551.561lm@350mA_P=4.0250W_I=0.35A



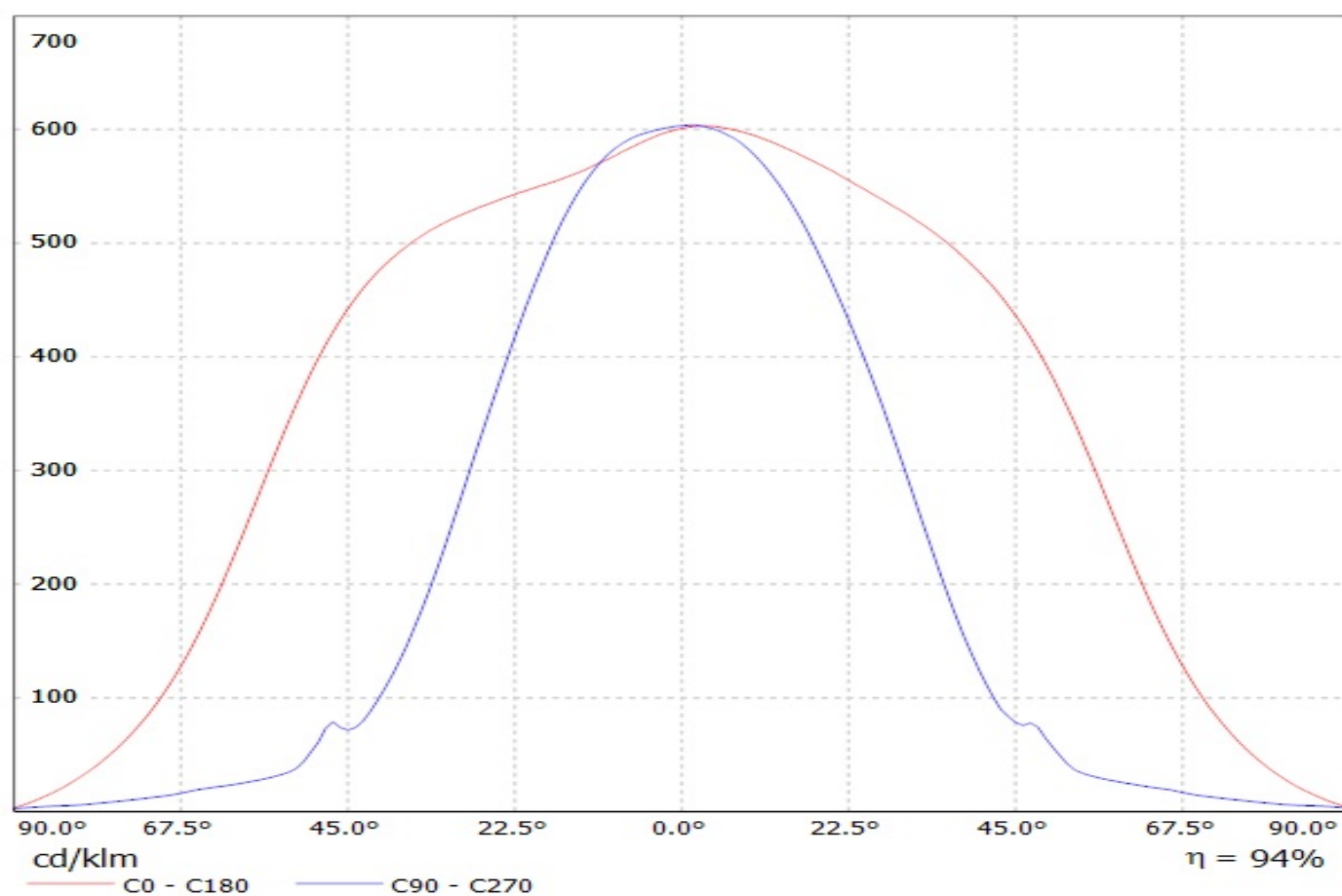
Ledil F14468_FLORENCE-1R-Z60_(NF2x757D) / LDC (Linear)

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

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



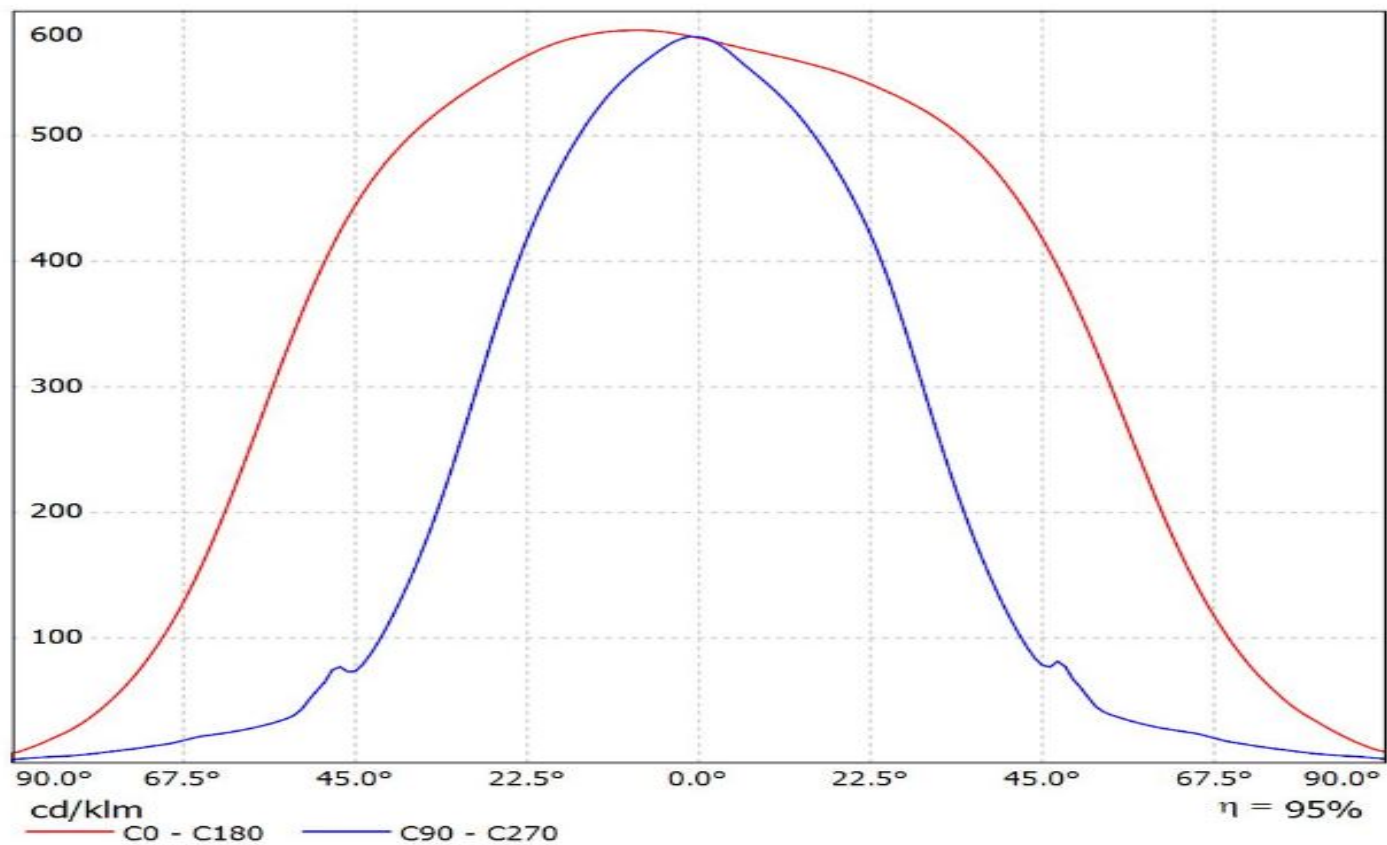
Luminaire: LEDiL Oy F14468_FLORENCE-1R-Z60_(LM302A)
Lamps: 1 x Samsung_LM302A_865.46lm@100mA_P=6.64694W_I=0.1001A



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

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

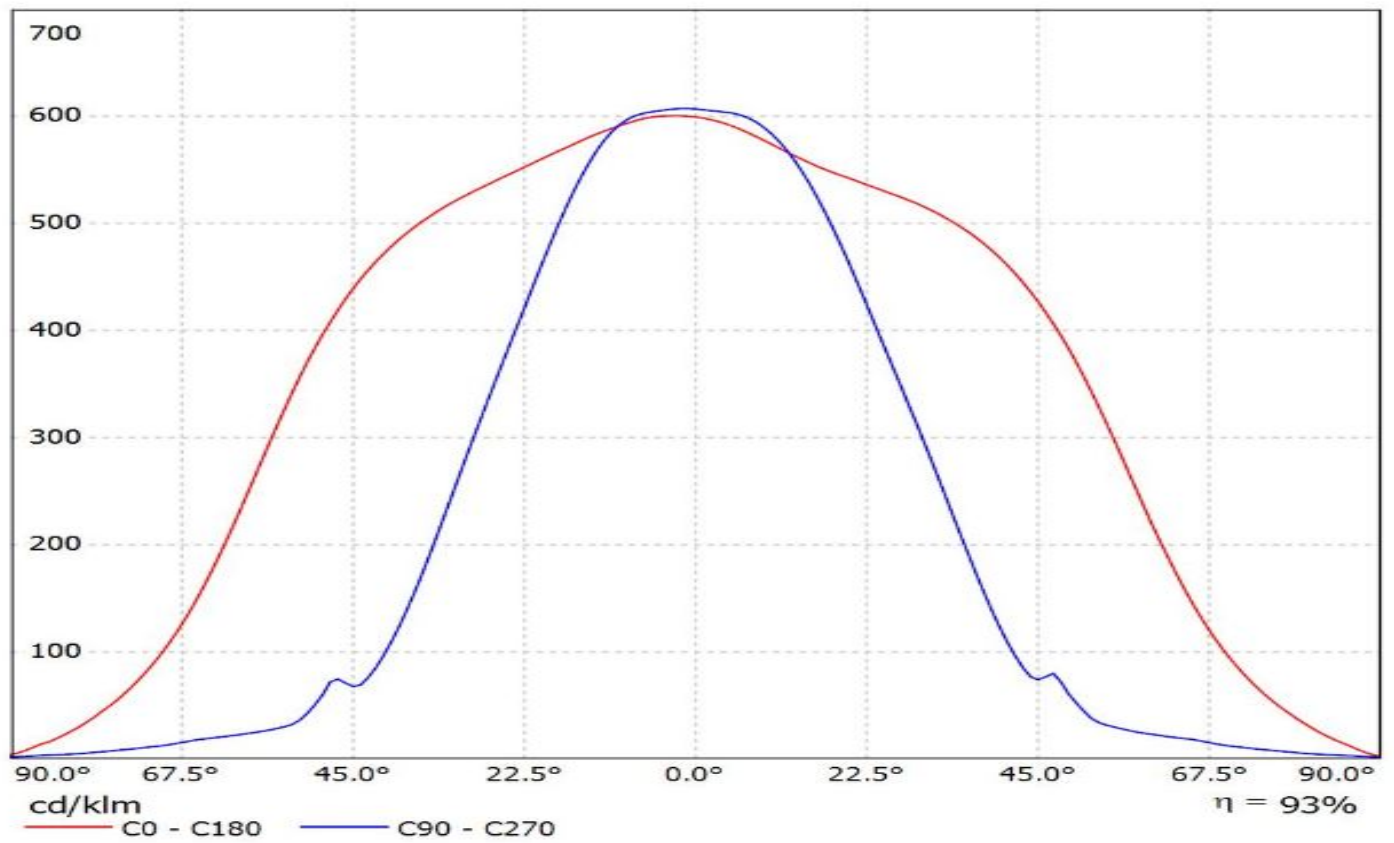
Lamps: 1 x Samsung_LM561B_x22_348.84lm@65mA_P=1.97W_I=65mA



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

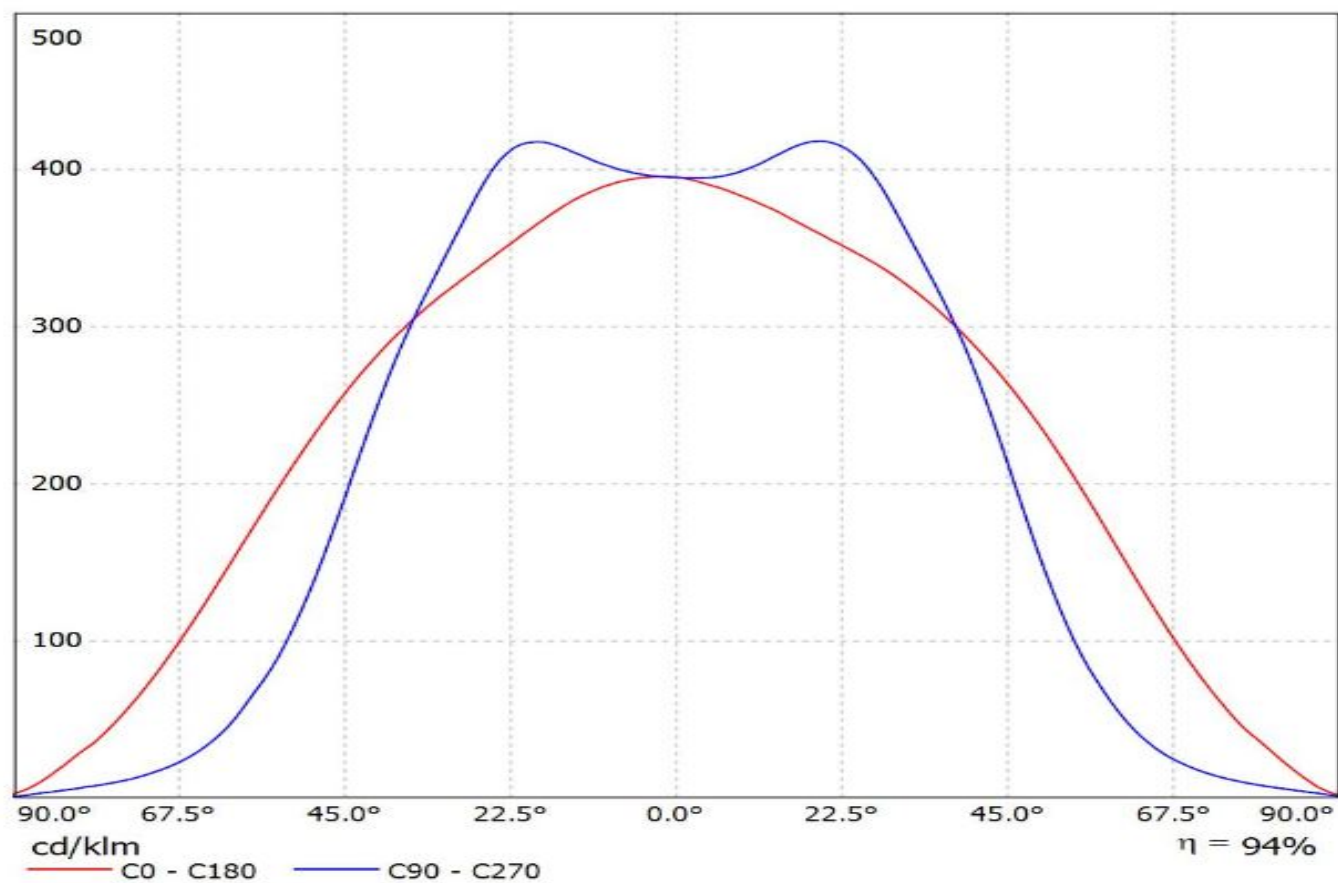
Luminaire: Ledil F14468_FLORENCE-1R-Z60_(Seoul_3030)

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



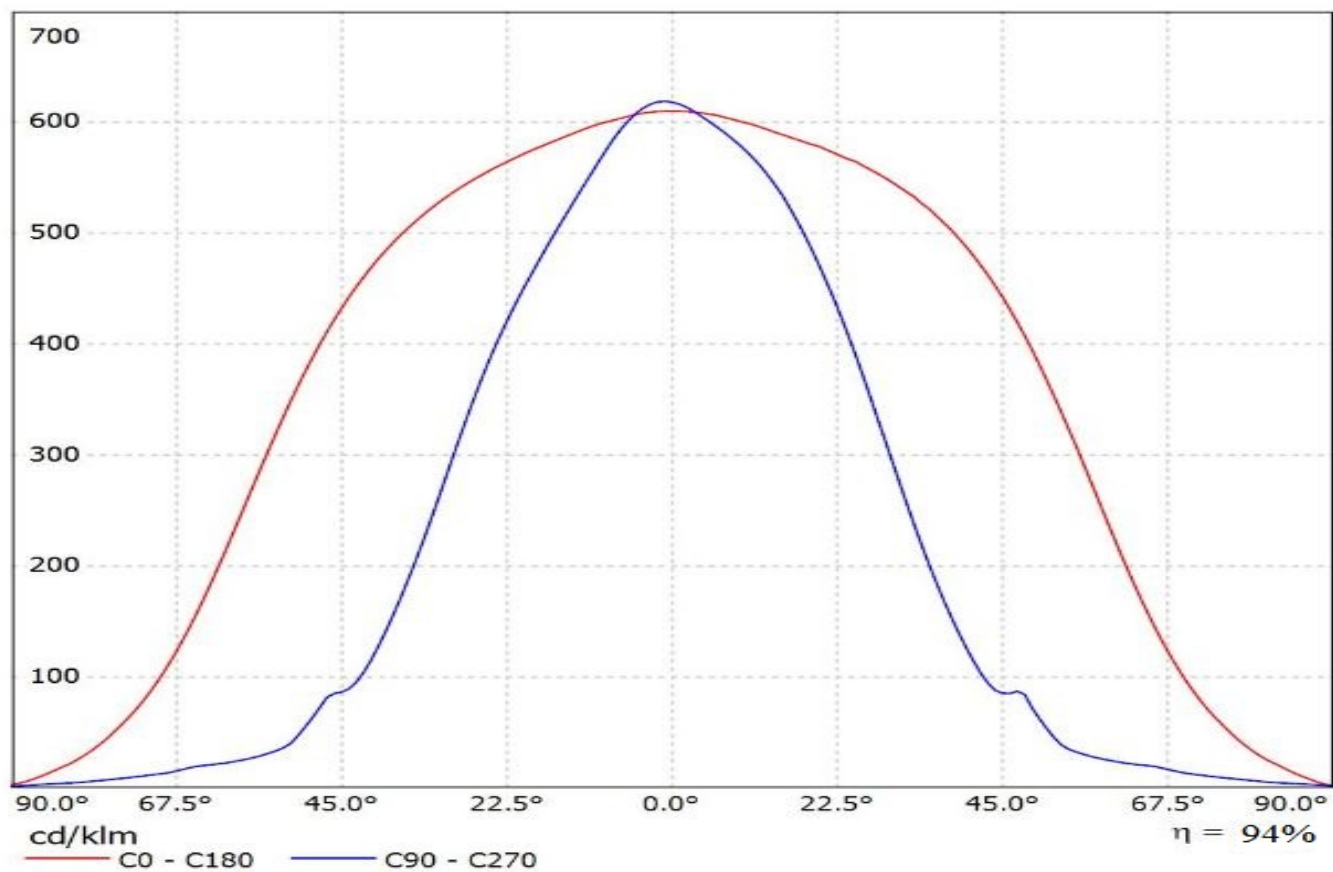
Luminaire: Ledil F14304_FLORENCE-1R-Z90_(3014_x22)

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)

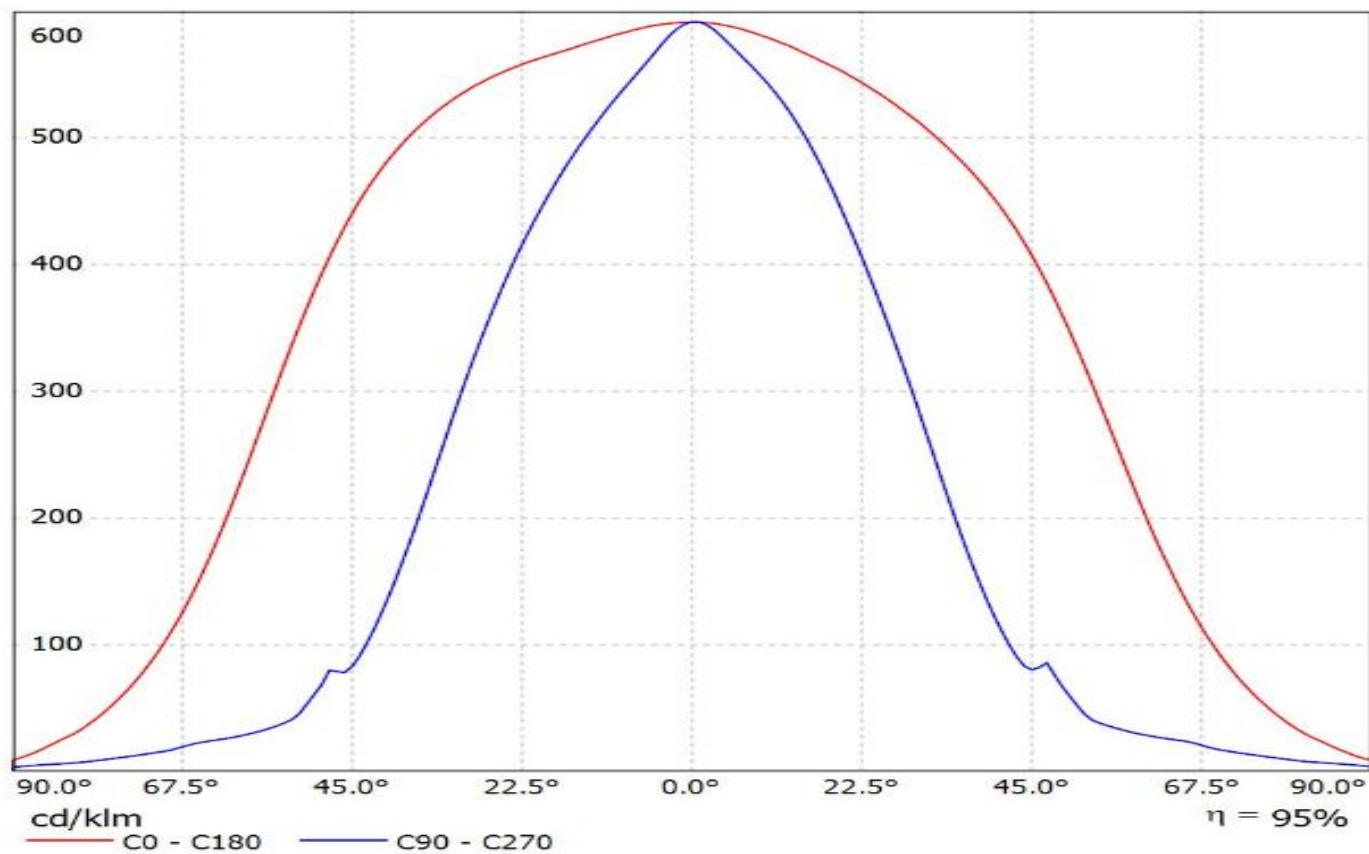
Lamps: 1 x Luxeon_3535L_x22_(MXA8-PW50)_507.68lm@100mA_P=2.9953W_I=0.100mA



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

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

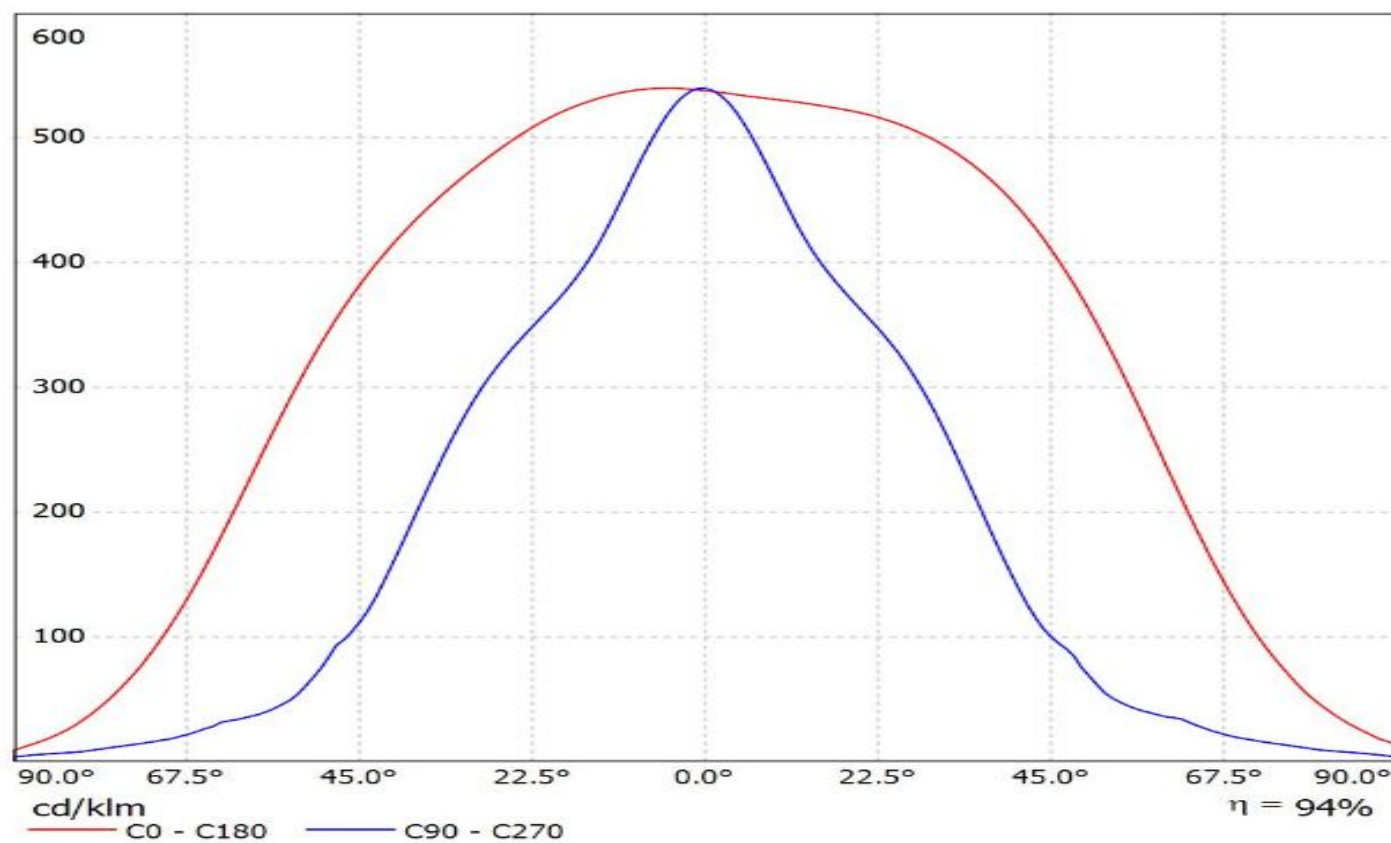
Lamps: 1 x Luxeon_3535_2D_x22_(MXC8_4000K)_910.245lm@100mA_CCT=4000K_P=6.32W_I=0.1A



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

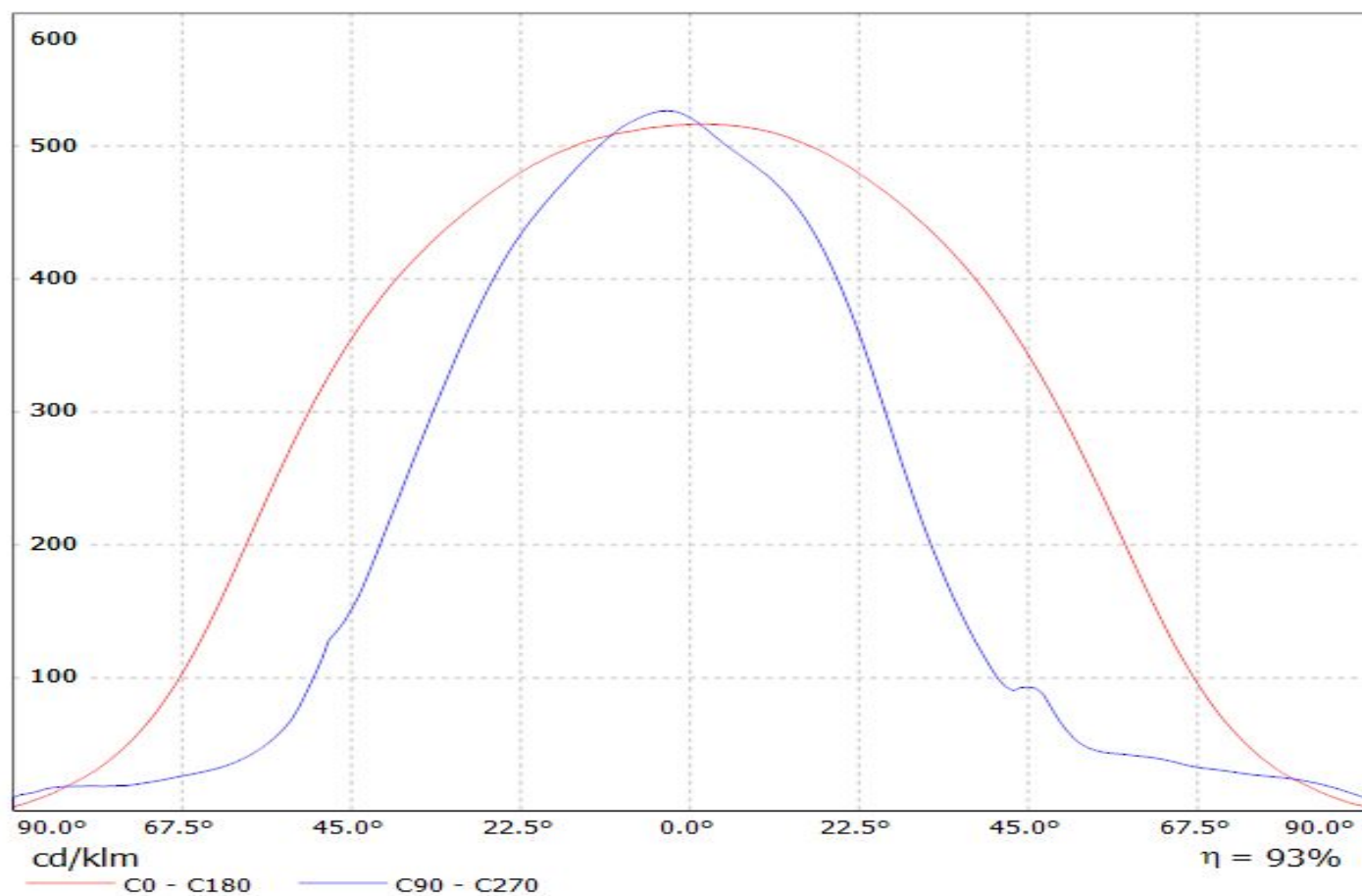
Luminaire: Ledil F14468_FLORENCE-1R-Z60_(XH-B)

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

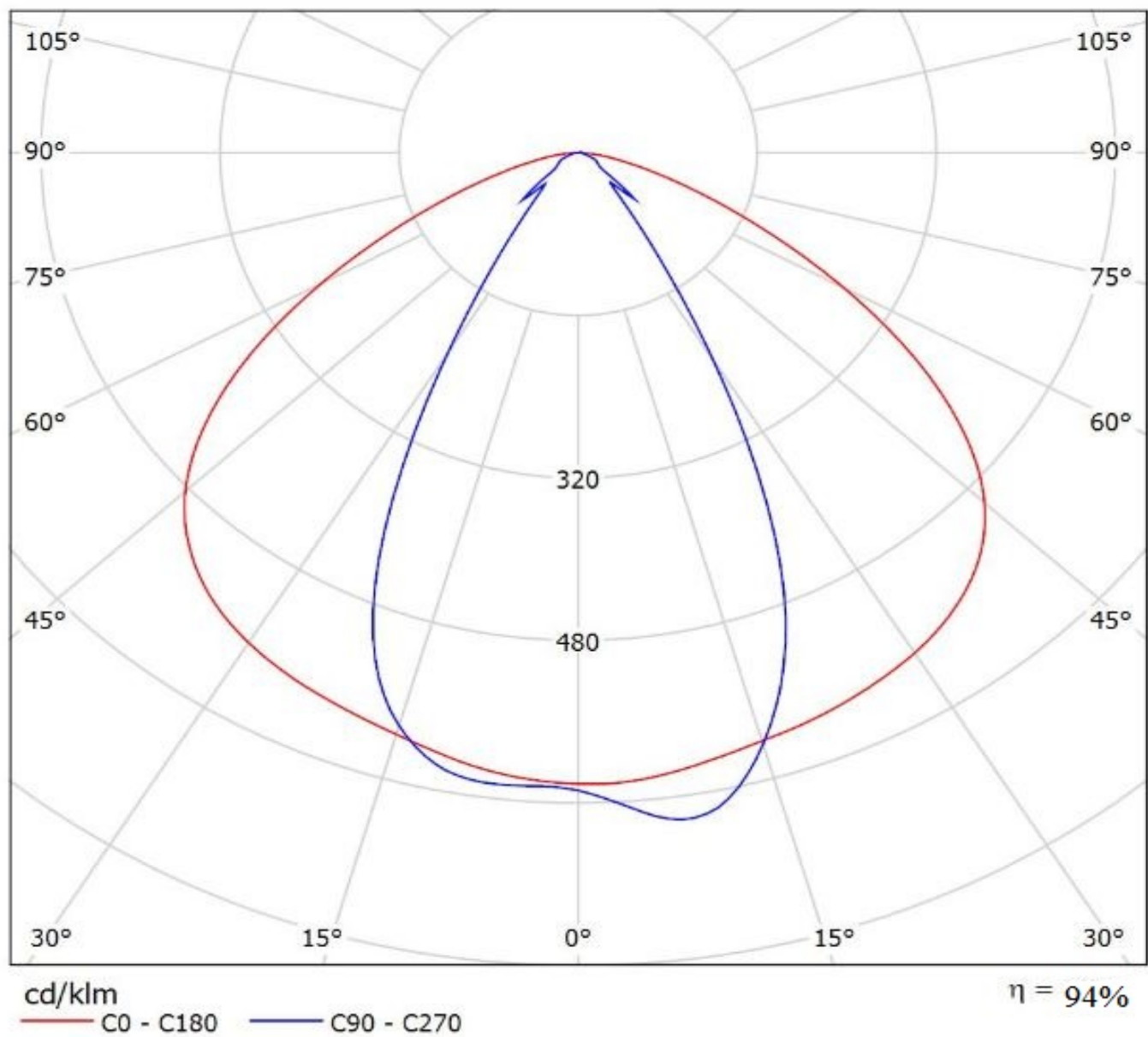


Luminaire: Ledil F14468_FLORENCE-1R-Z60_(CeZos)

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

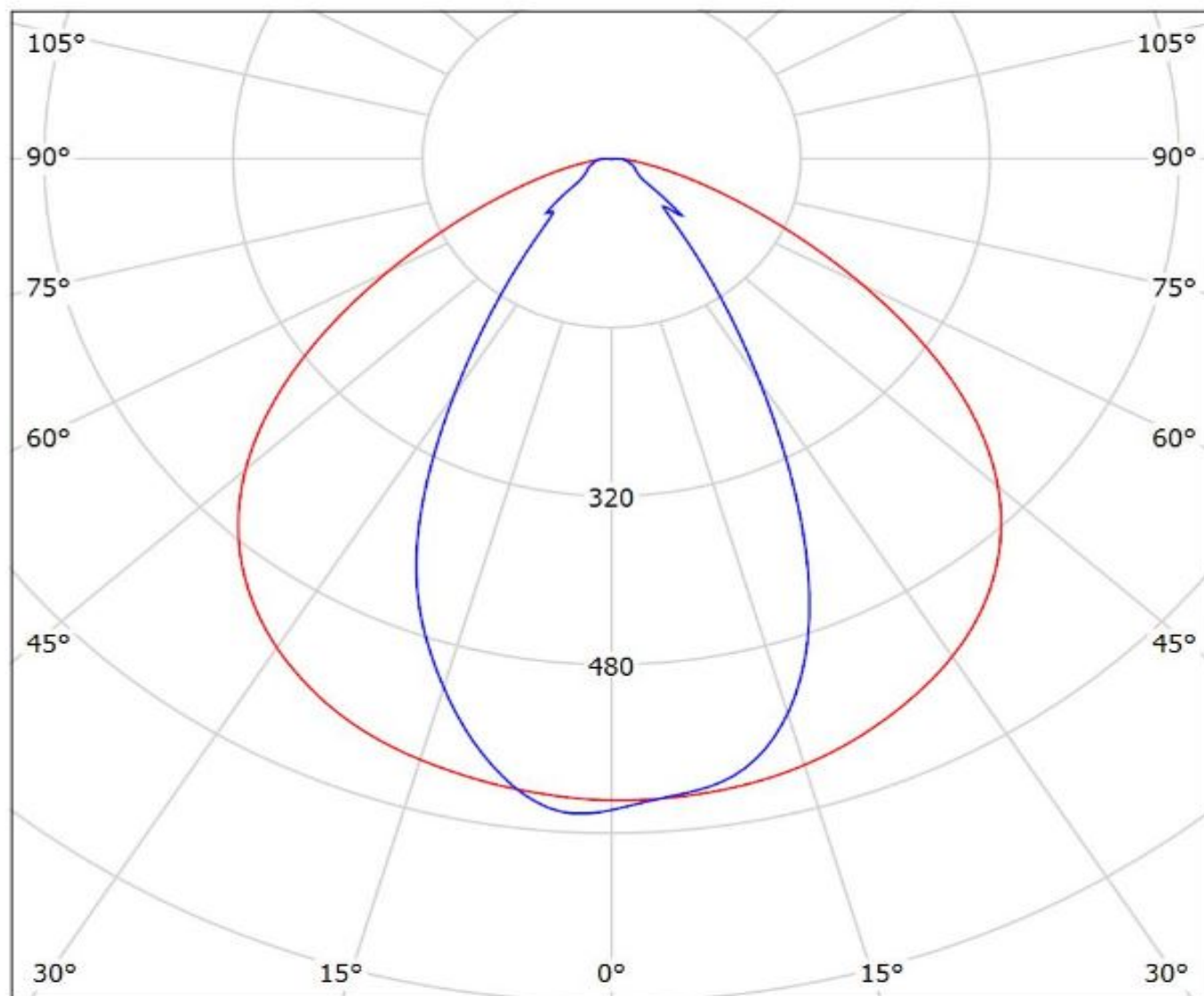


Luminaire: Ledil F14468_FLORENCE-1R-Z60_(3020)
Lamps: 1 x Luxeon_3020_x22_(L130-2780)_488.066lm@120mA_P=3.7731W_I=0.120mA



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

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



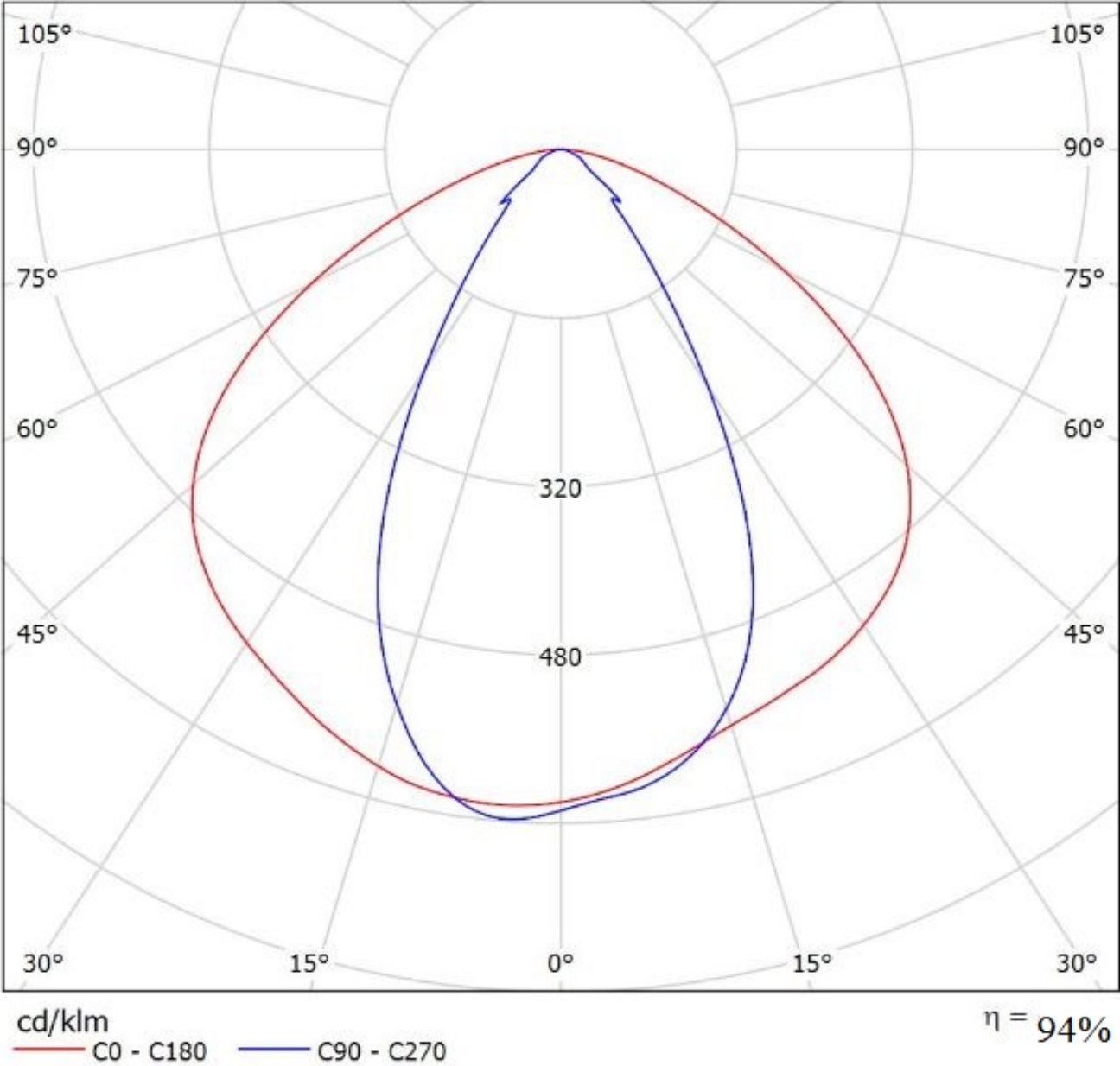
cd/klm

— C0 - C180

— C90 - C270

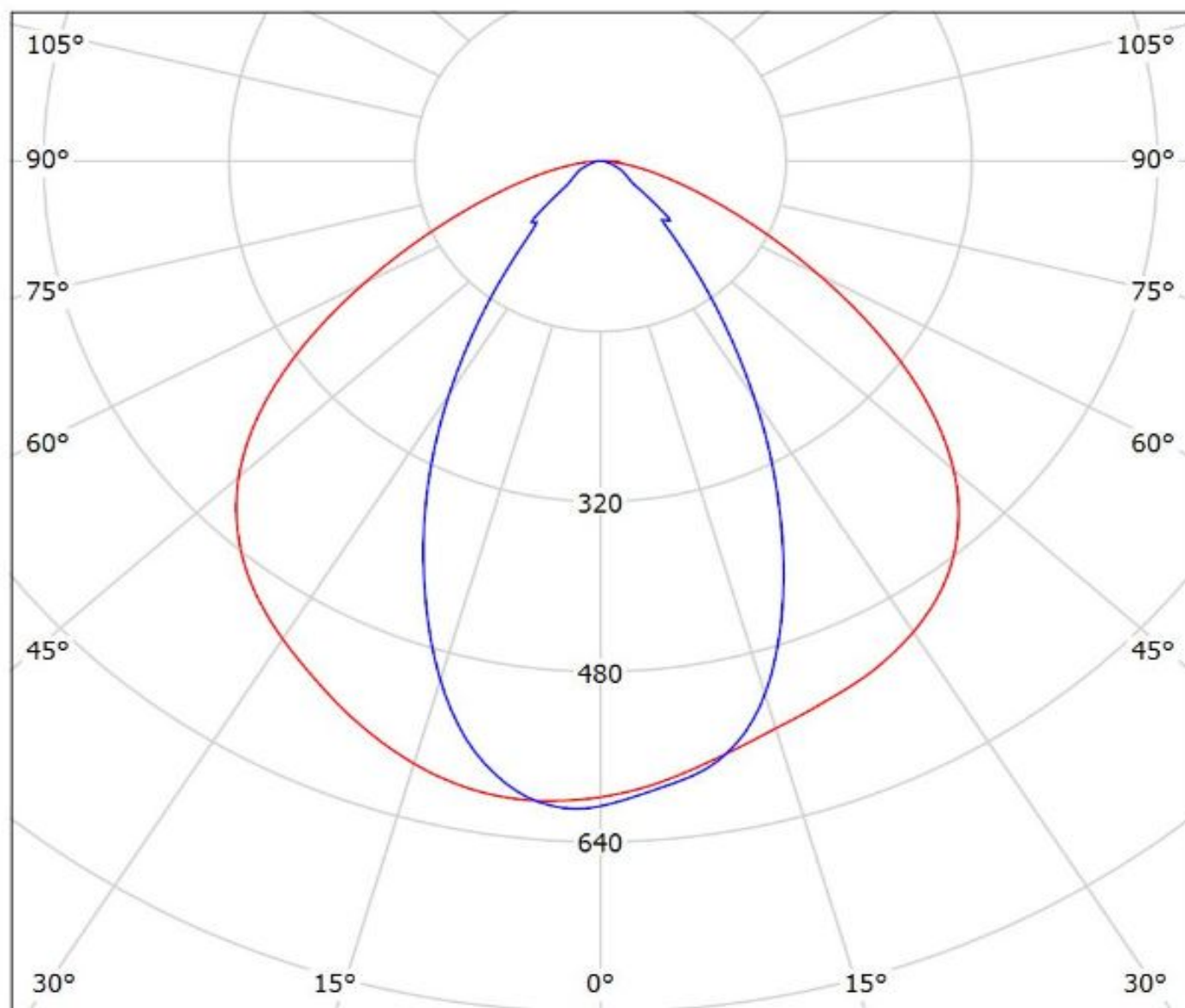
$\eta = 96\%$

Luminaire: Ledil F14468_FLORENCE-1R-Z60_(LM301A)
Lamps: 1 x Samsung_LM301A_x11_(SPMWHT328FD5WAT0S0)_1087.4lm@250mA_P=8.1922W_I=0.25A



Luminaire: Ledil F14468_FLORENCE-1R-Z60_(NF2W757G)

Lamps: 1 x NF2W757G_378.284lm@65mA_CCT=?K_P=1.97W_I=0.065A



cd/klm

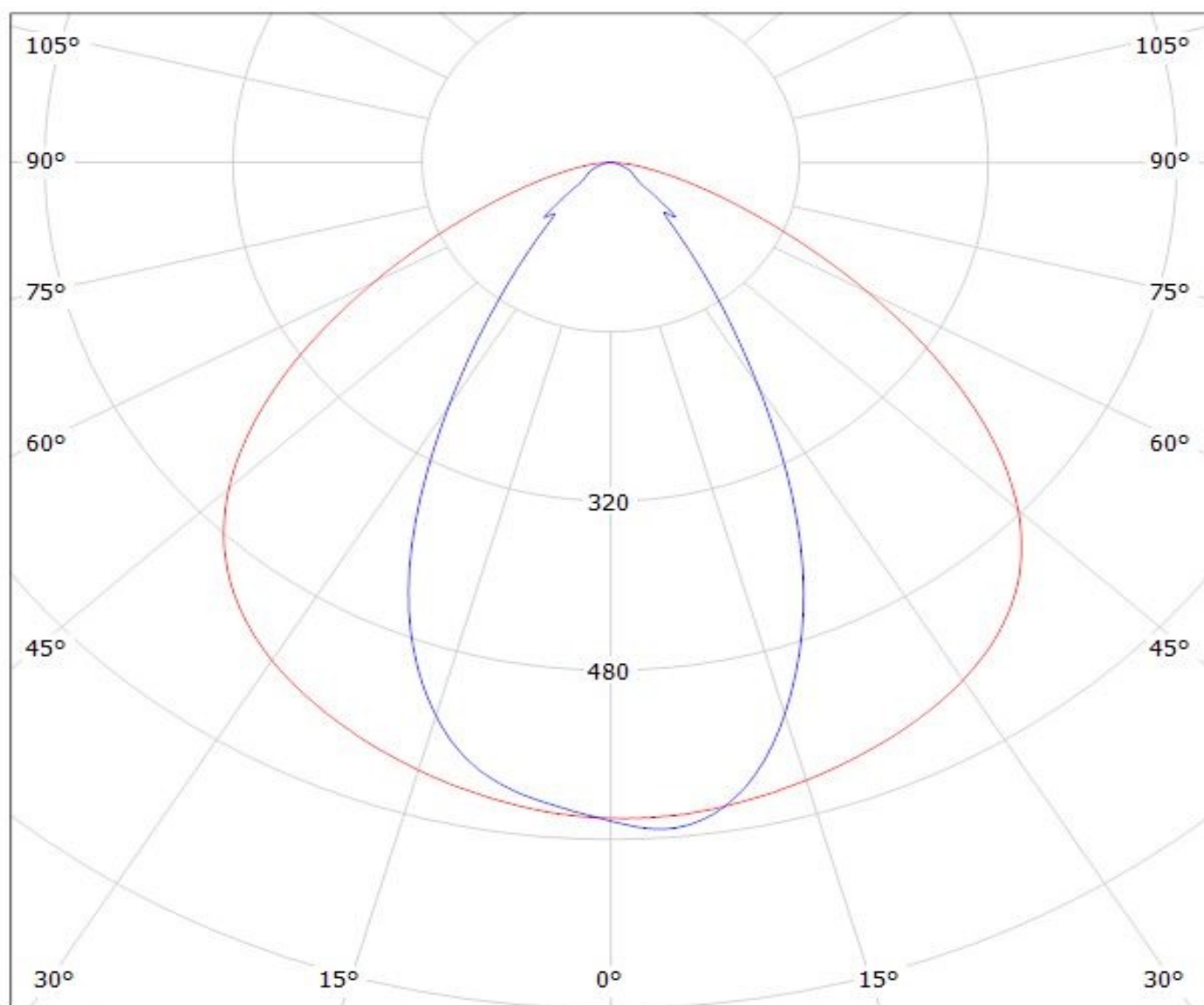
— C0 - C180

— C90 - C270

$\eta = 93\%$

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

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



cd/klm

$\eta = 94\%$

— C0 - C180

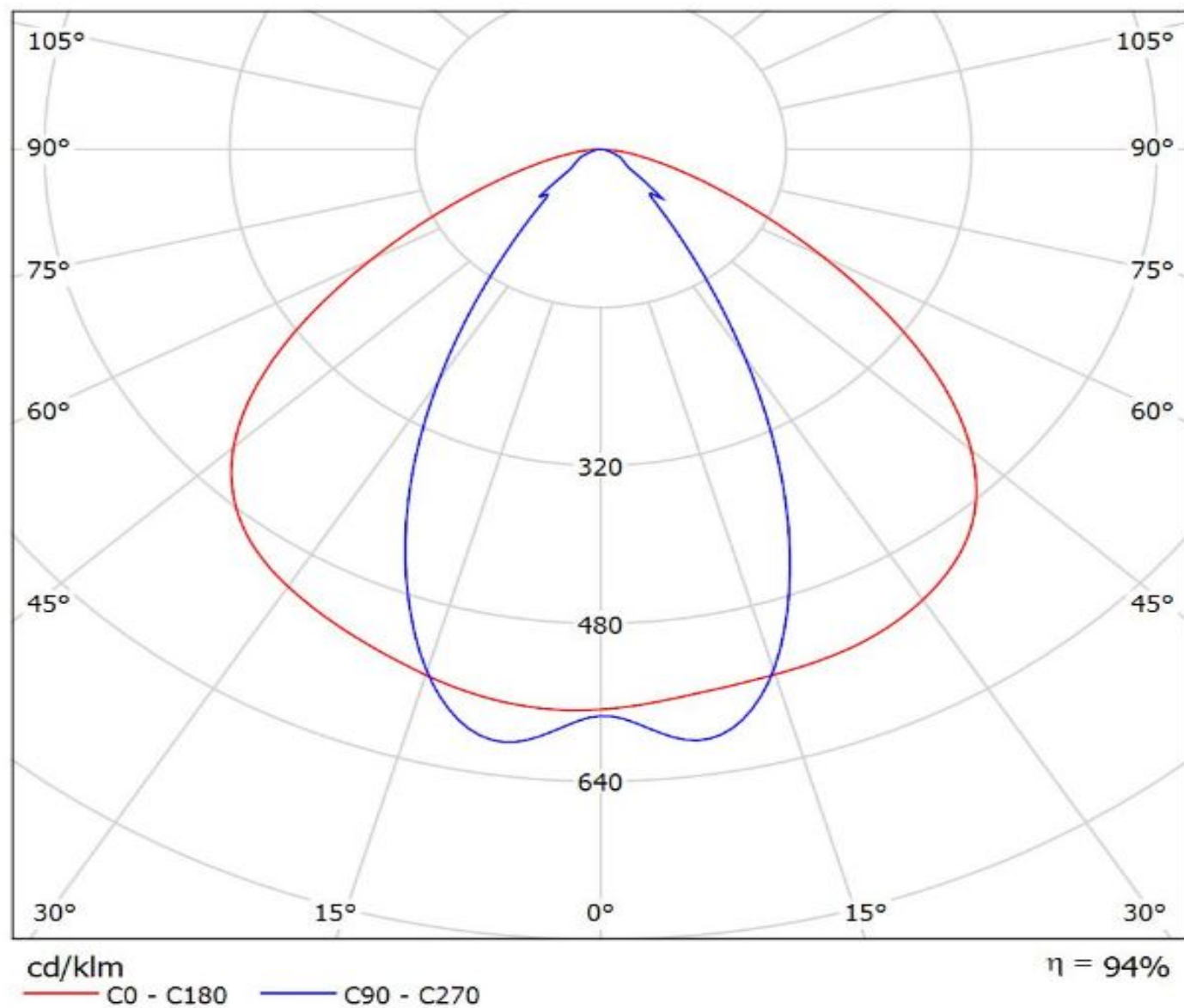
— C90 - C270

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

Luminaire: Ledil F14468_FLORENCE-1R-Z60_(Luxeon_3030_2D)

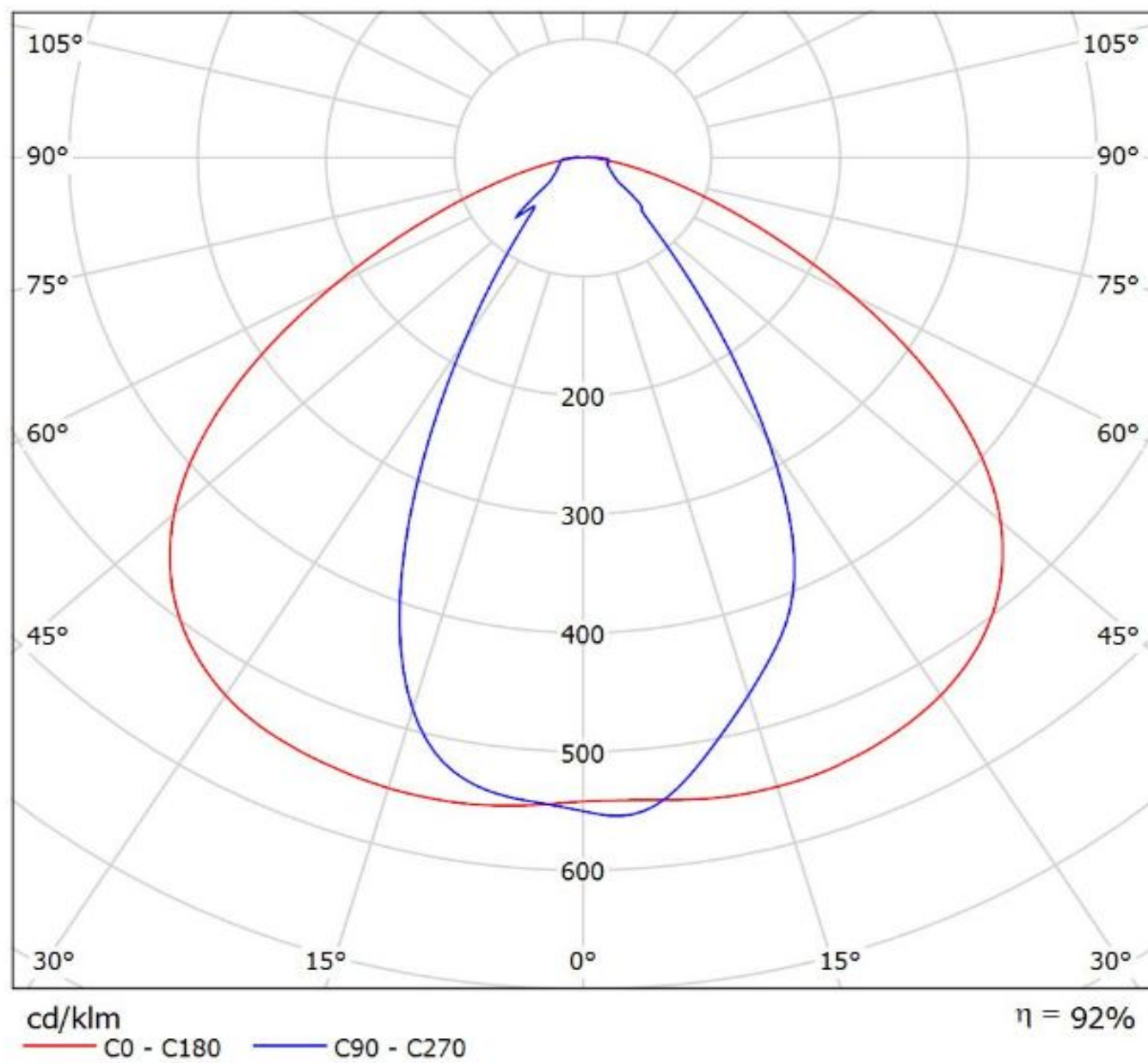
Lamps: 1 x Luxeon_3030_2D_x22_(L130-4080003000W21)

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

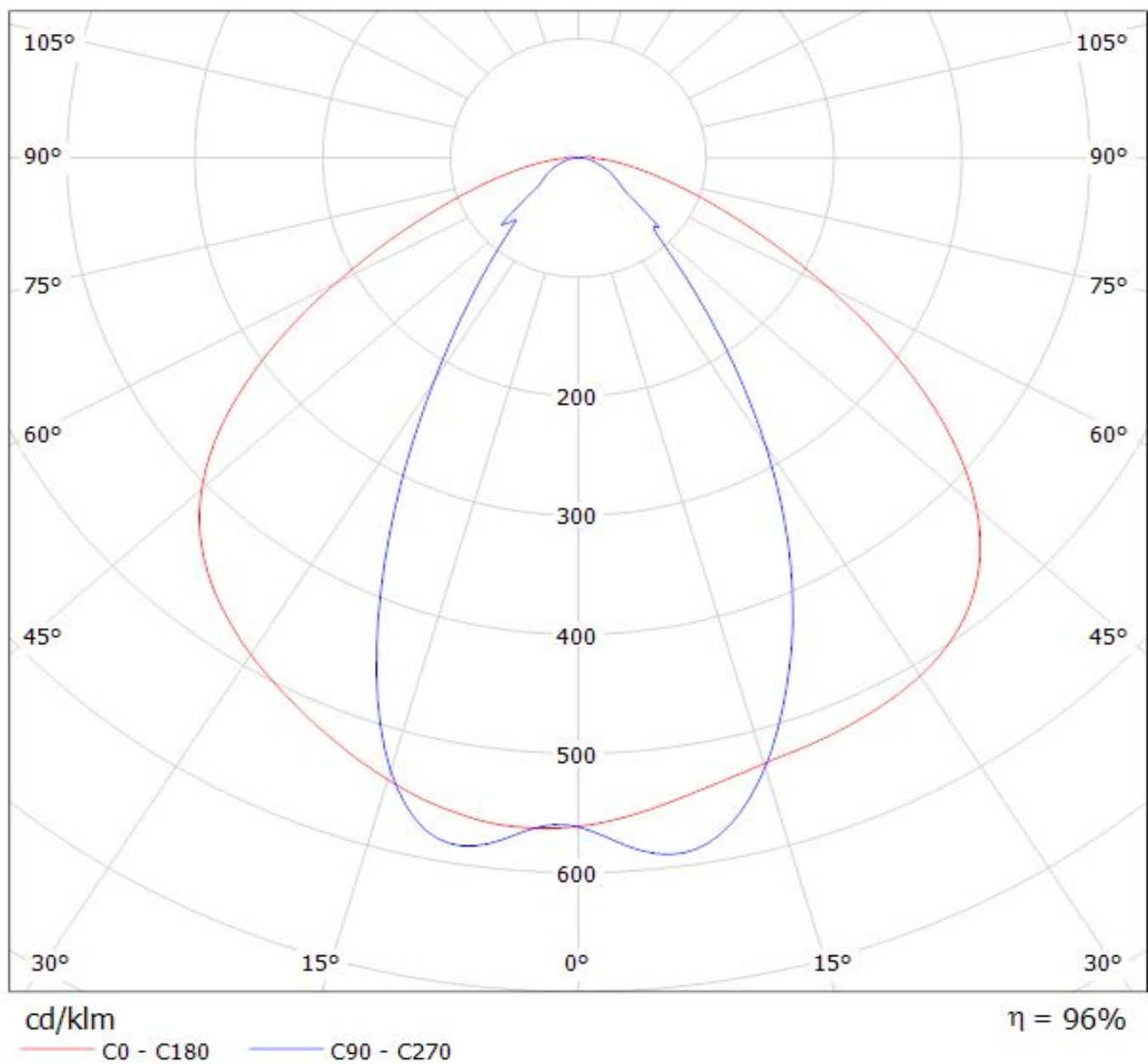


Luminaire: Ledil F14468_FLORENCE-1R-Z60_(CALGD0814-M17W1)

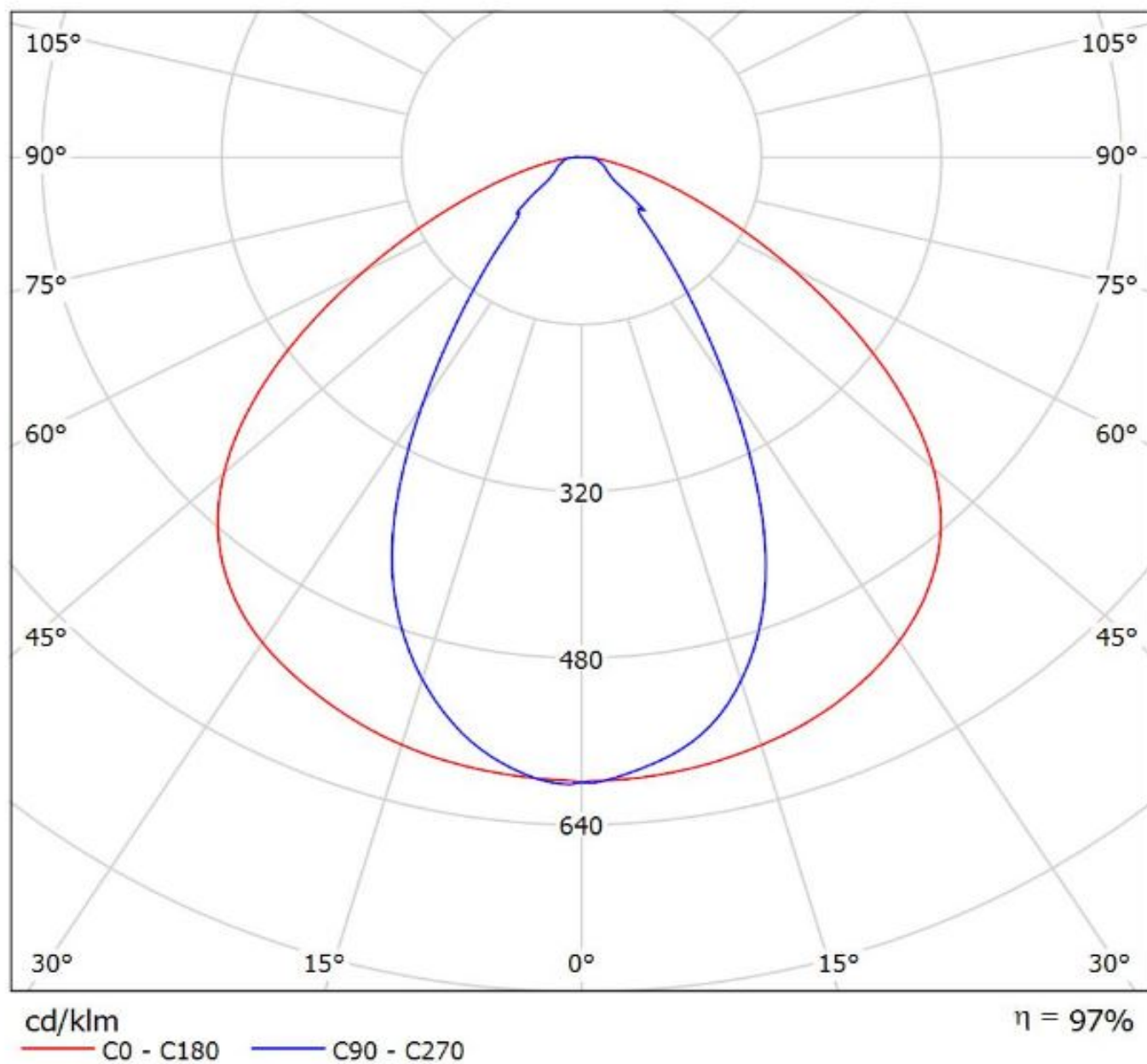
Lamps: 1 x Citizen_(CALGD0814-M17W1)_1098.26lm@350mA_P=7.96302W_η=0.3499A



Luminaire: Ledil F14468_FLORENCE-1R-Z60_(Duris_S5)
Lamps: 1 x Osram_Duris_S5_(GW_PSLRS1.EC-LQLS-5H7I-1)_993.467lm@100mA_P=8W_I=0.1000A



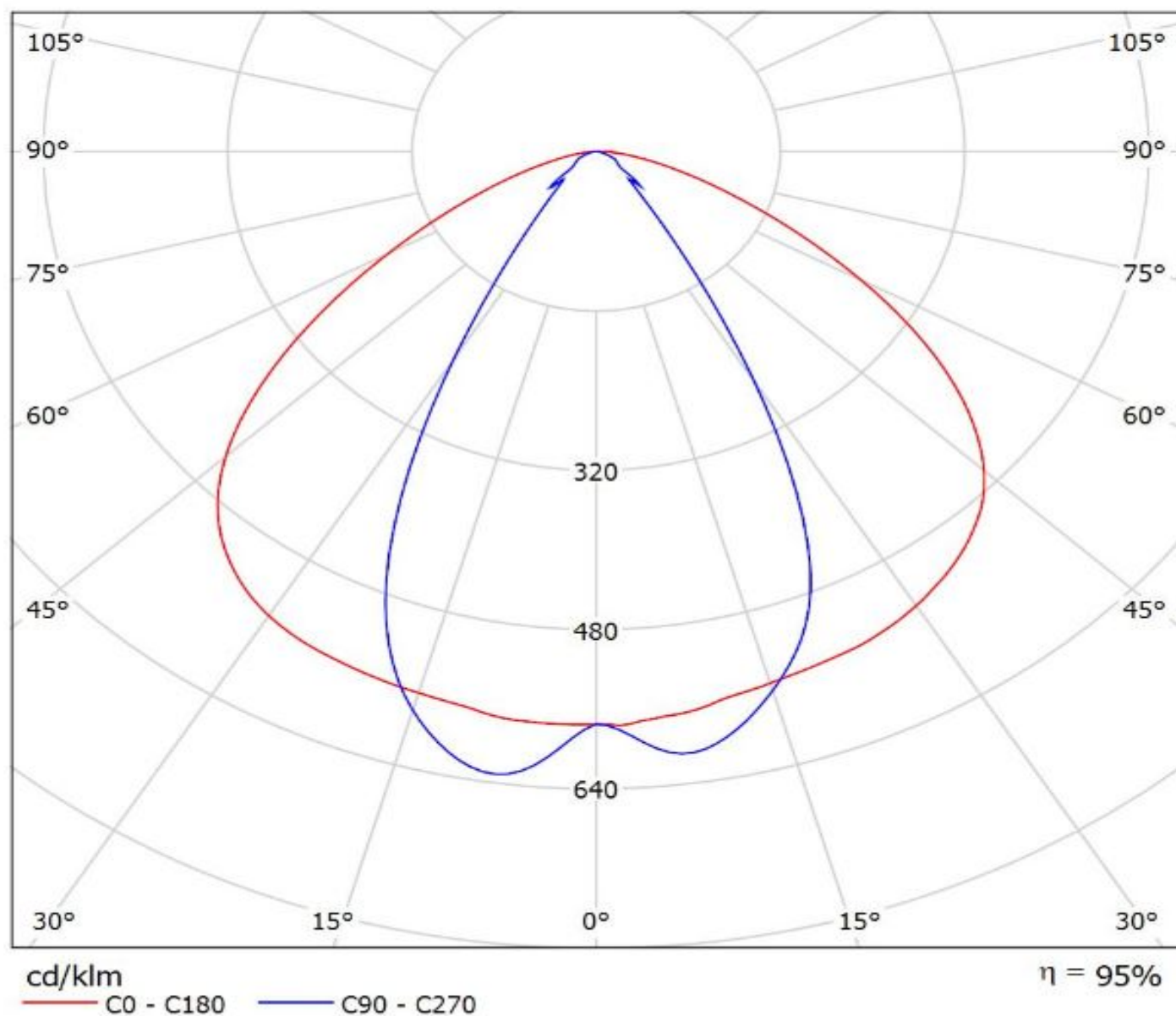
Luminaire: LEDiL Oy F14468_FLORENCE-1R-Z60 (Fortimo_LED_Line_1ft_1100lm_840_1R_LV2)_Cav4
Lamps: 1 x Fortimo_LED_Line_1ft_1100lm_840_1R_LV2_1062.24lm@250mA_P=8.02208W_I=249.8mA



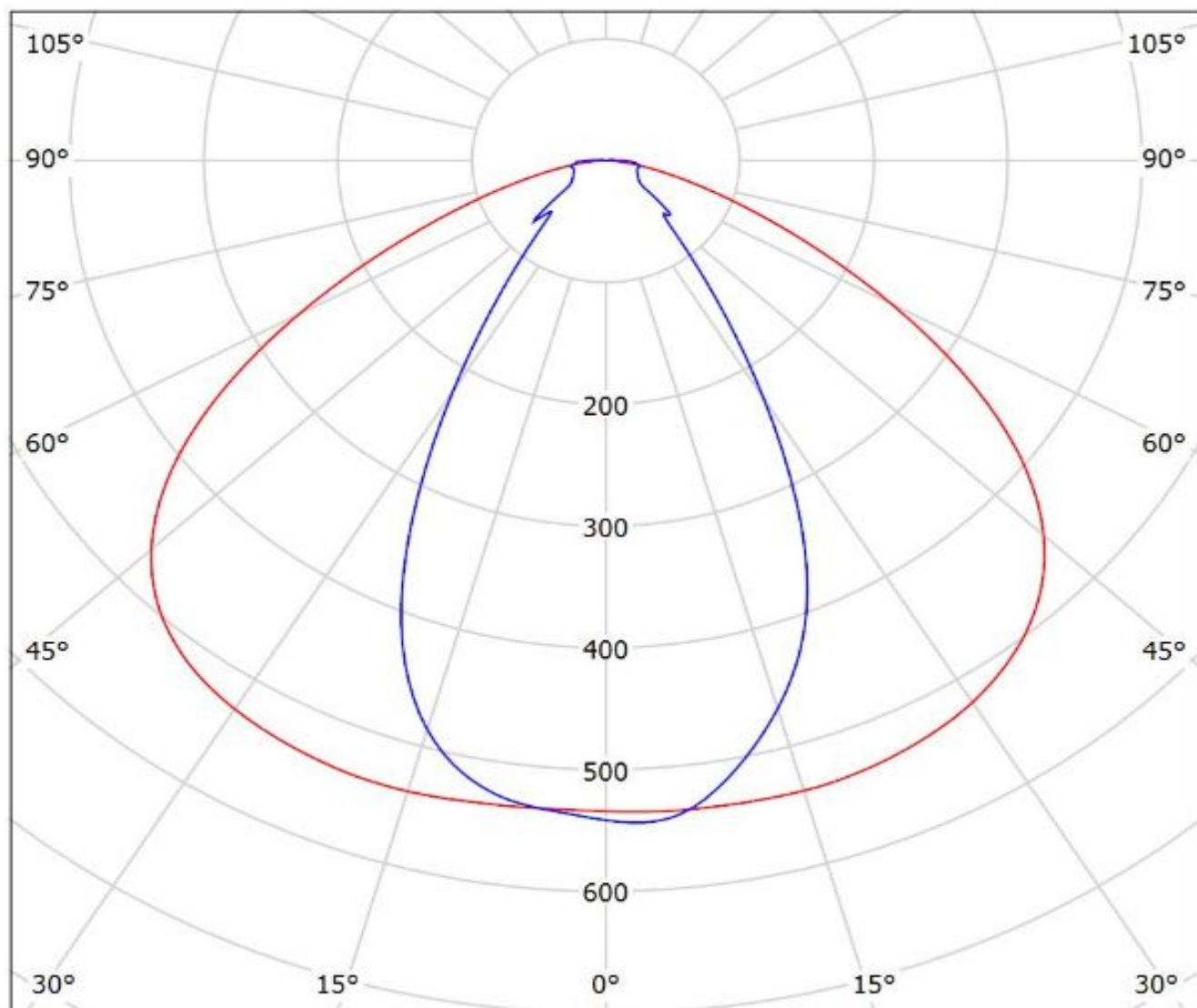
Ledil F14468_FLORENCE-1R-Z60_(Luminus_MP-2016) / LDC (Polar)

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



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



cd/klm

— C0 - C180

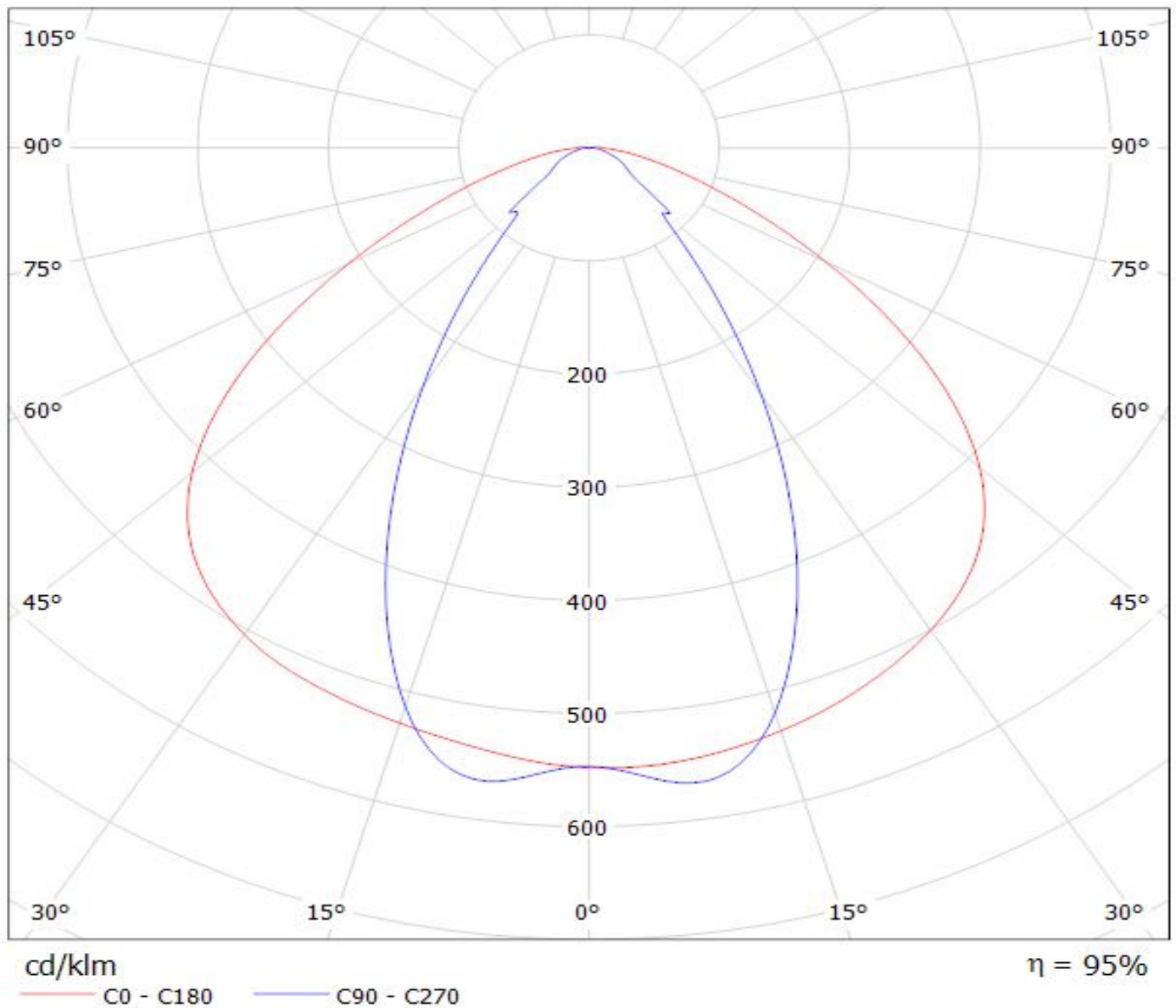
— C90 - C270

$\eta = 94\%$

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

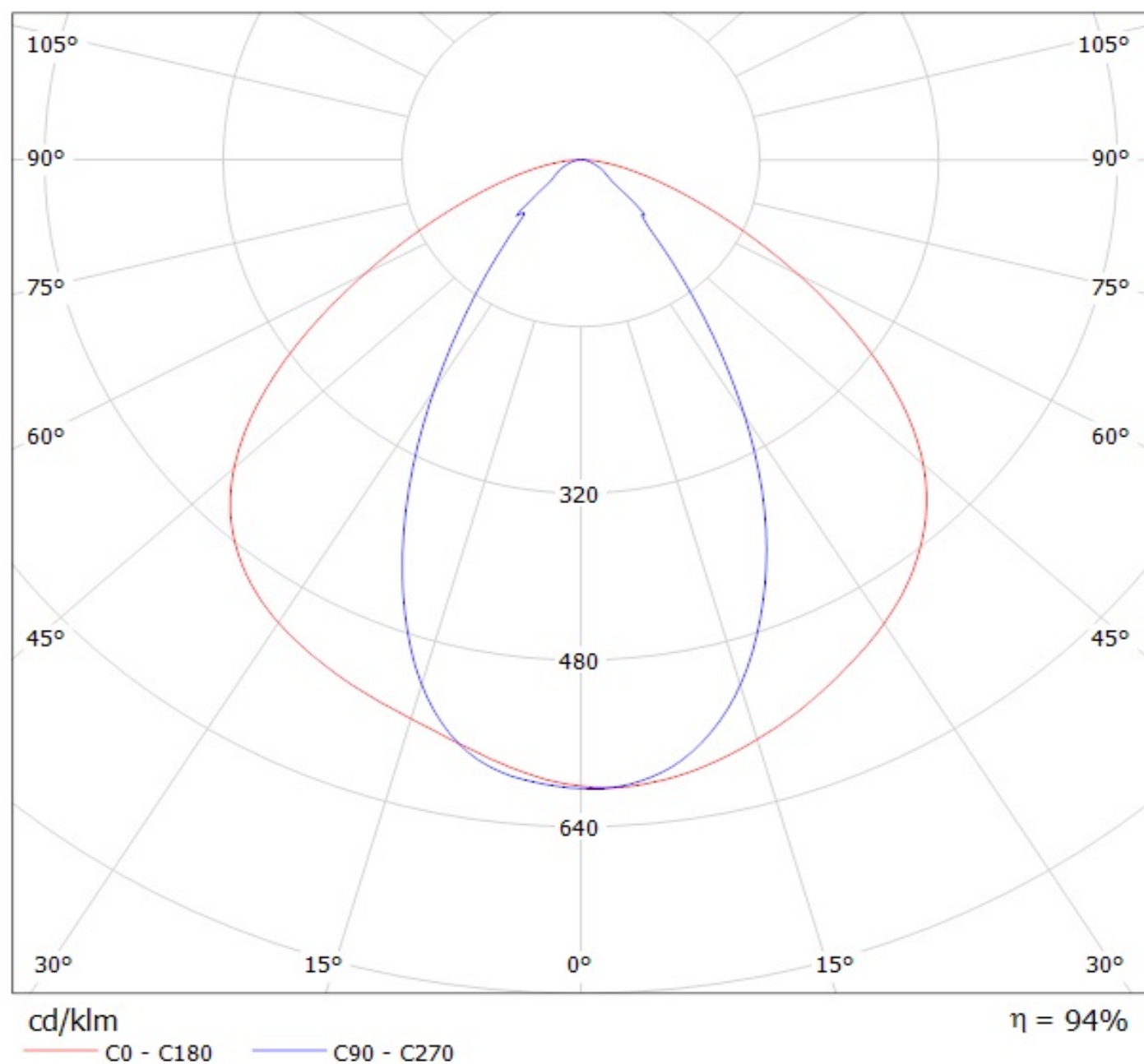
Luminaire: Ledil F14468_FLORENCE-1R-Z60_(NF2x757D)

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



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

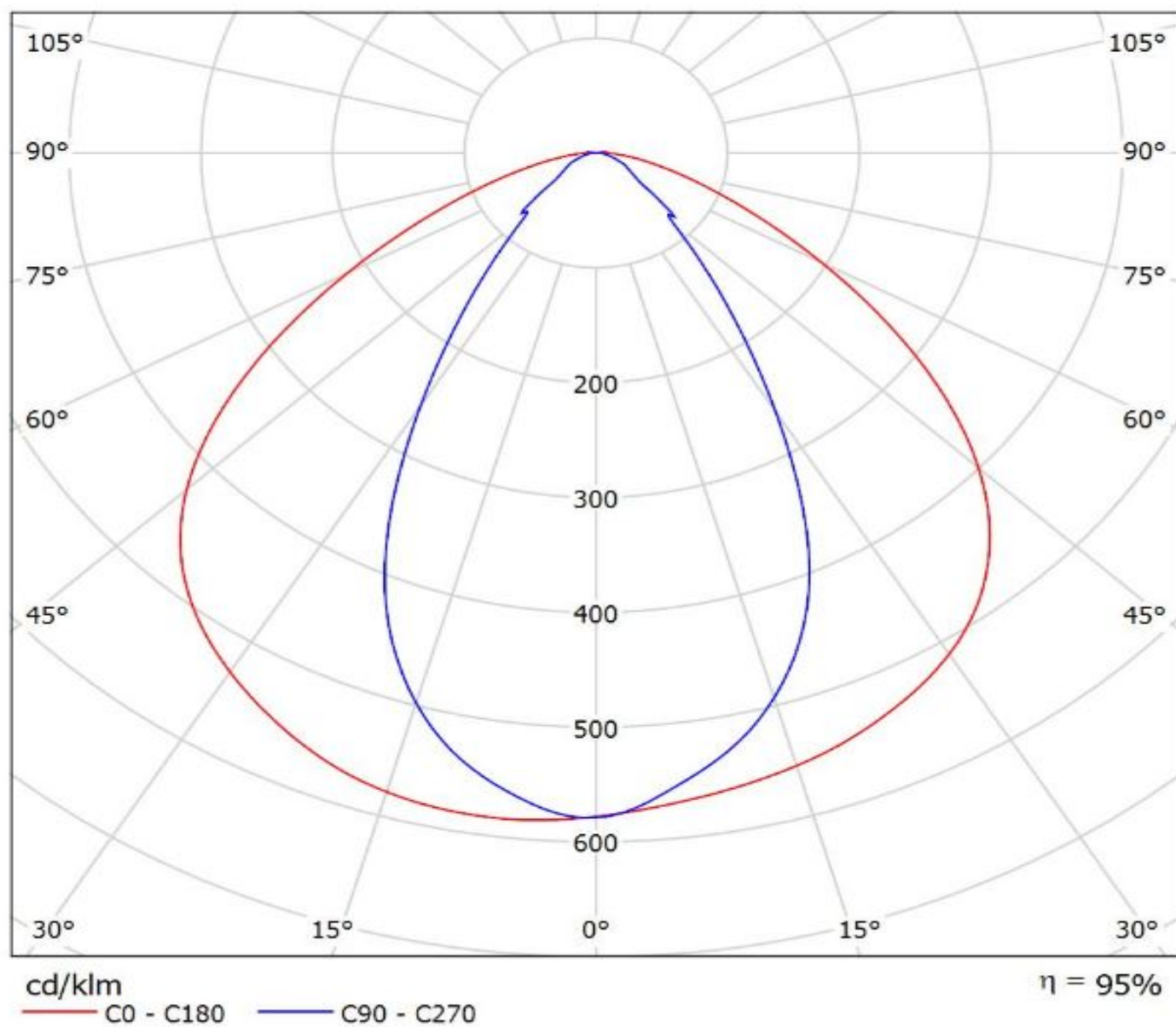
Lamps: 1 x Samsung_LM302A_865.46lm@100mA_P=6.64694W_I=0.1001A



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

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

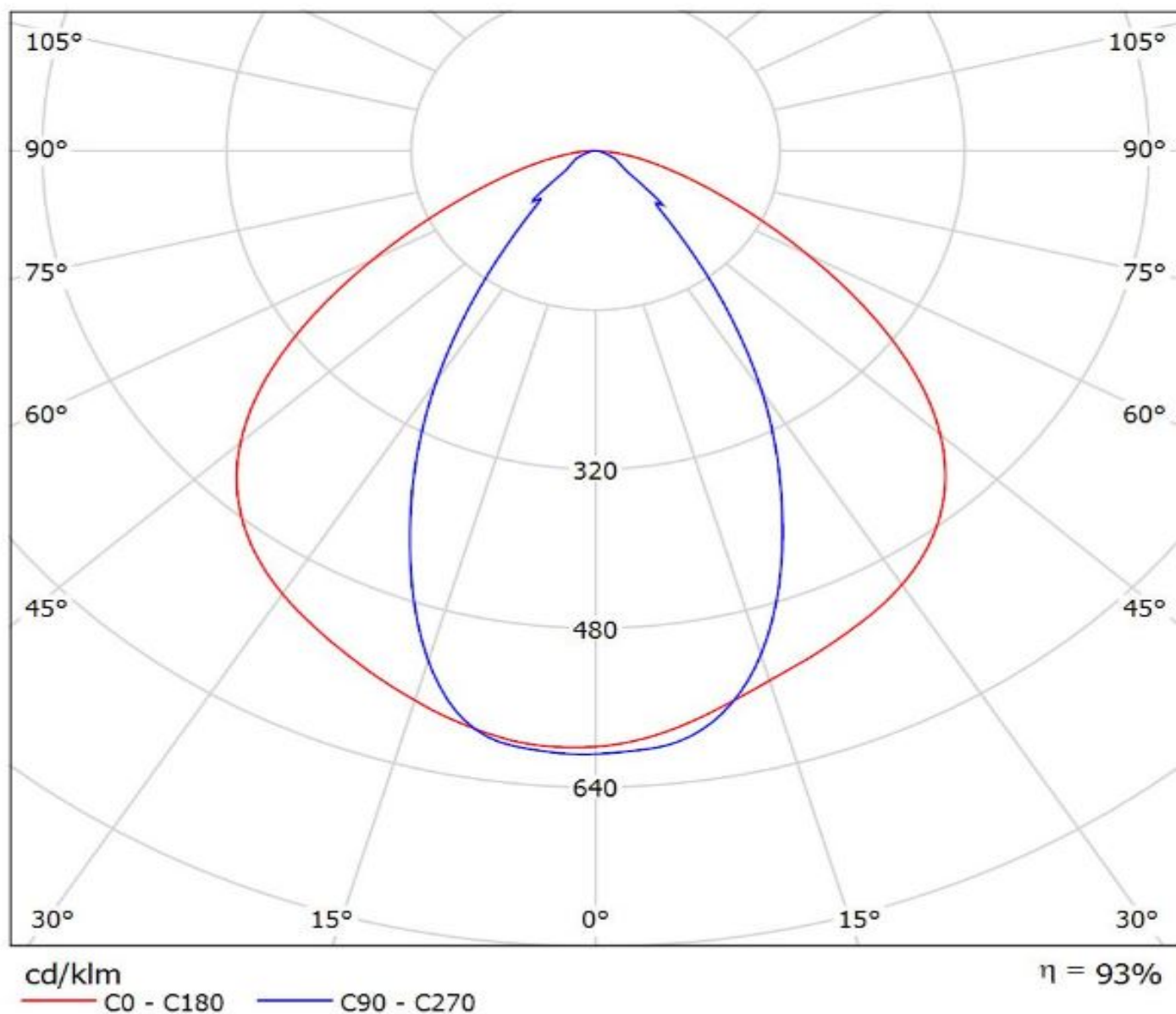
Lamps: 1 x Samsung_LM561B_x22_348.84lm@65mA_P=1.97W_I=65mA



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

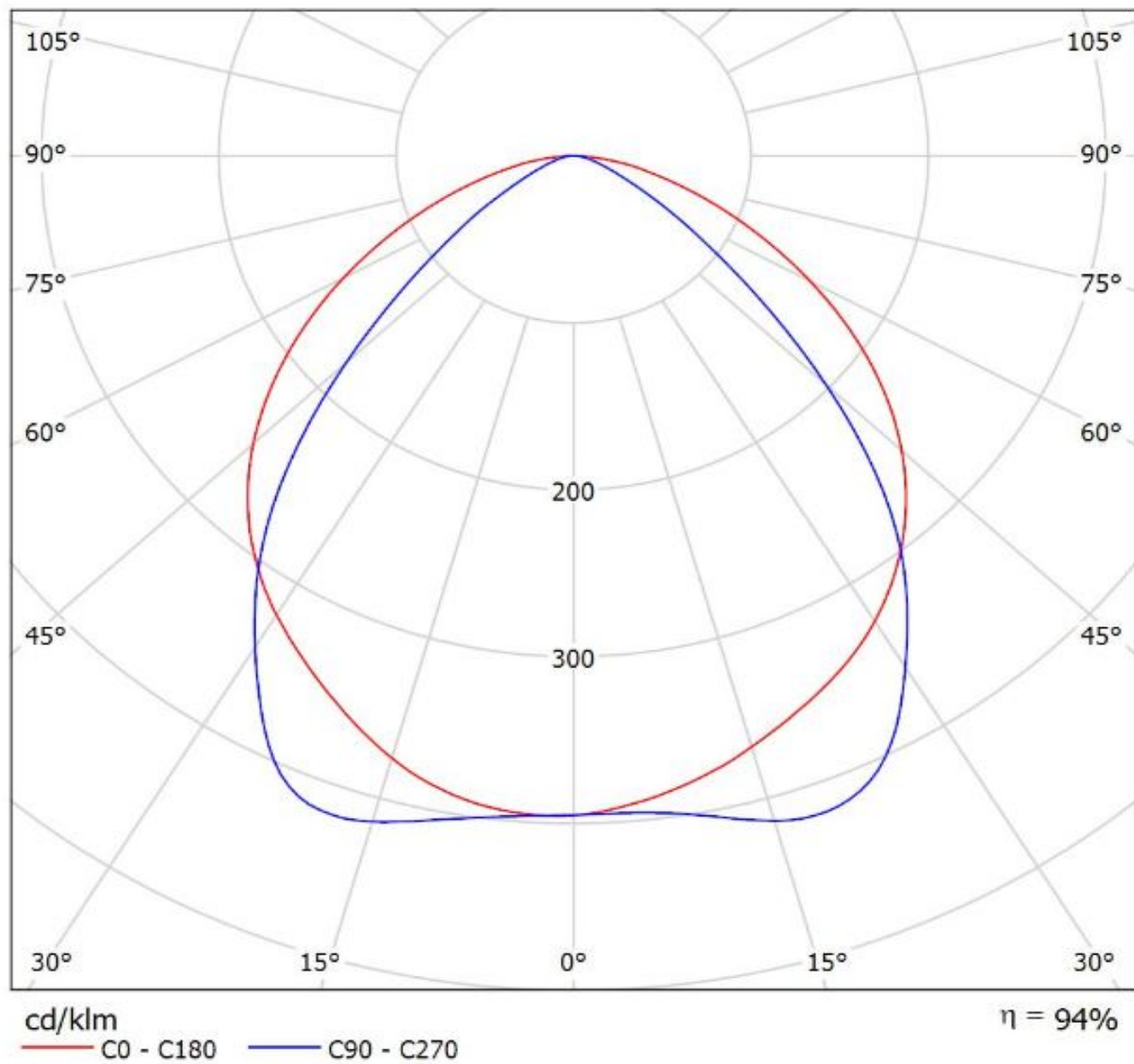
Luminaire: Ledil F14468_FLORENCE-1R-Z60_(Seoul_3030)

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



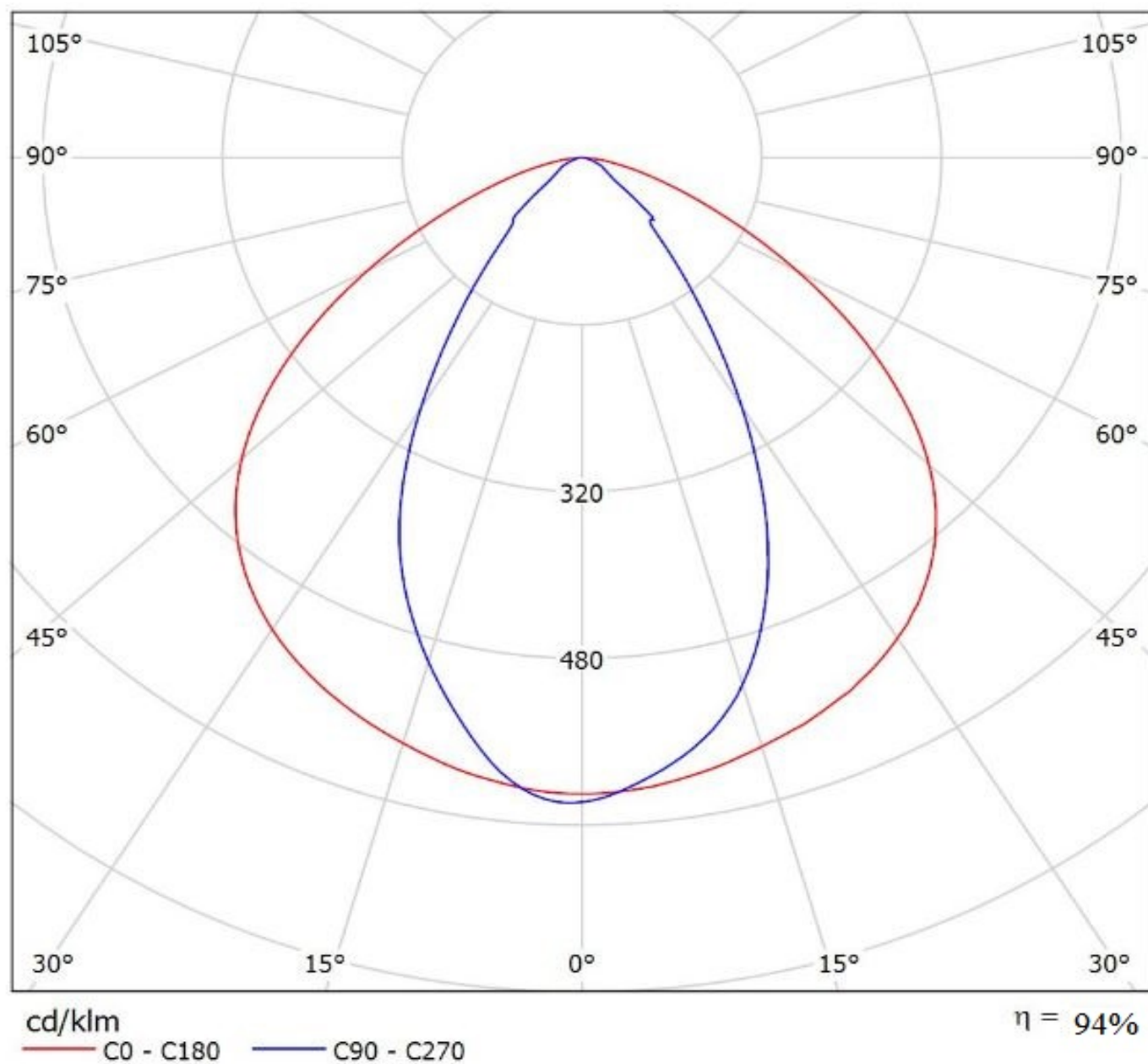
Luminaire: Ledil F14304_FLORENCE-1R-Z90_(3014_x22)

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)

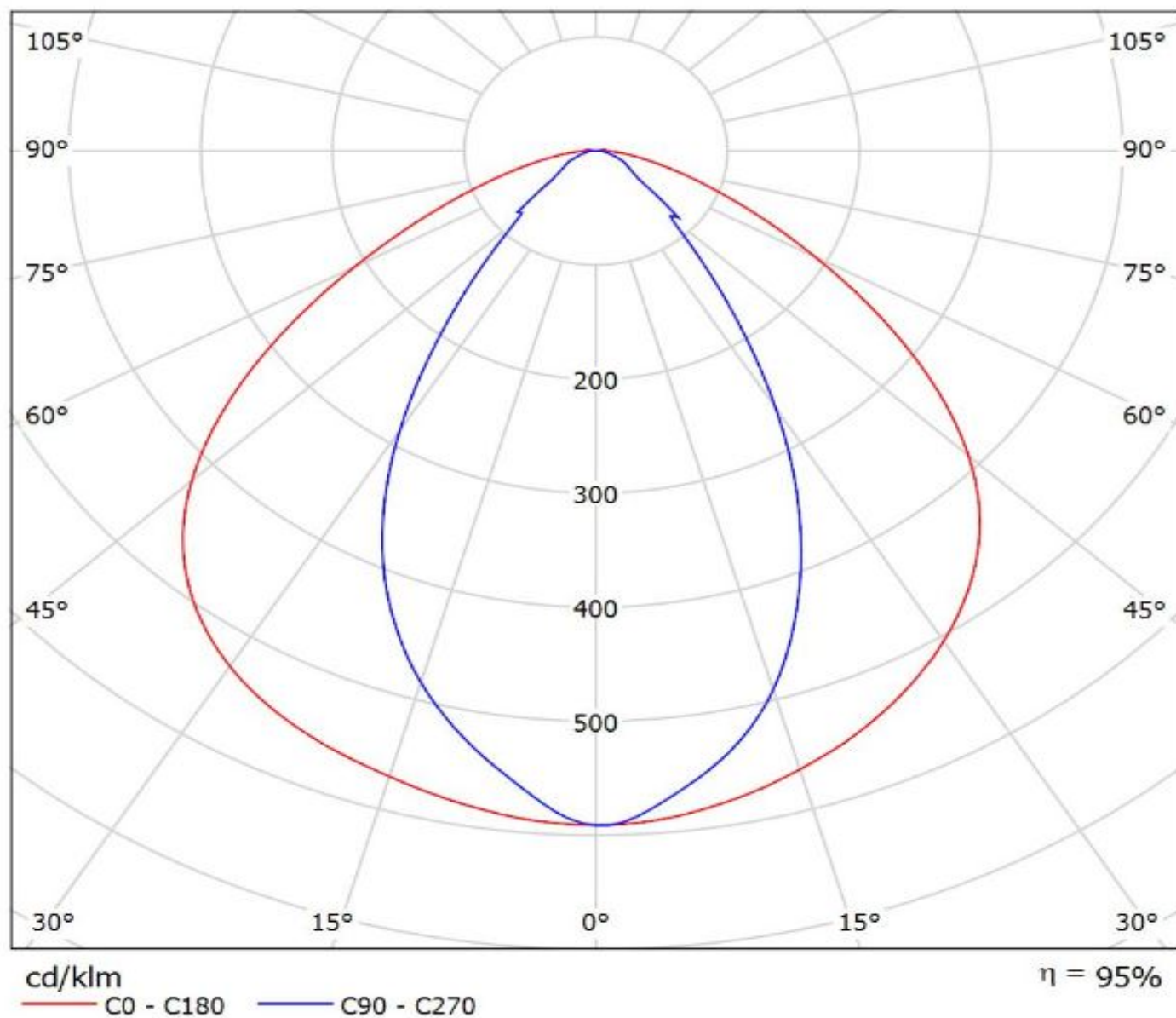
Lamps: 1 x Luxeon_3535L_x22_(MXA8-PW50)_507.681lm@100mA_P=2.9953W_I=0.100mA



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

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

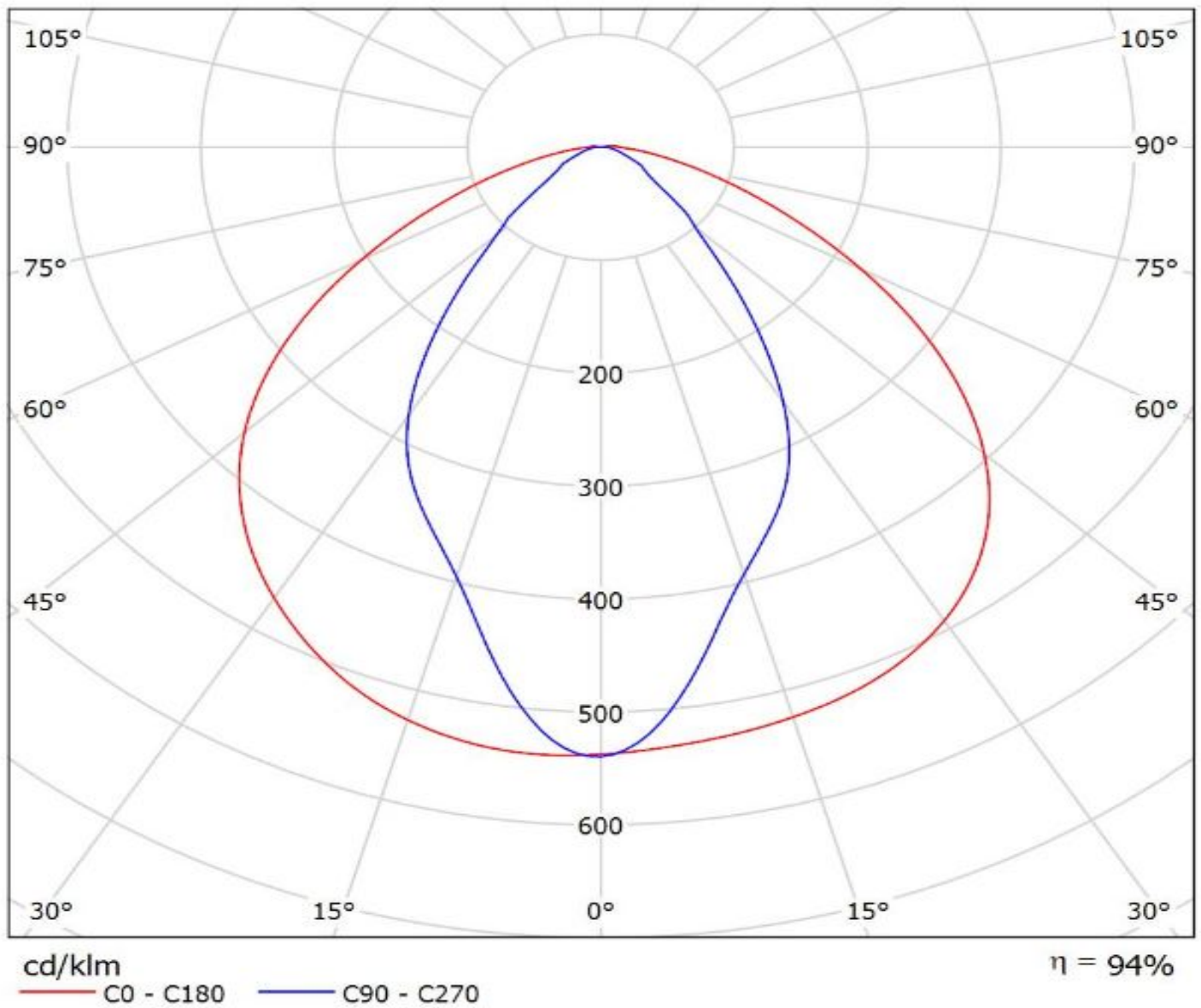
Lamps: 1 x Luxeon_3535_2D_x22_(MXC8_4000K)_910.245lm@100mA_CCT=4000K_P=6.32W_I=0.1A



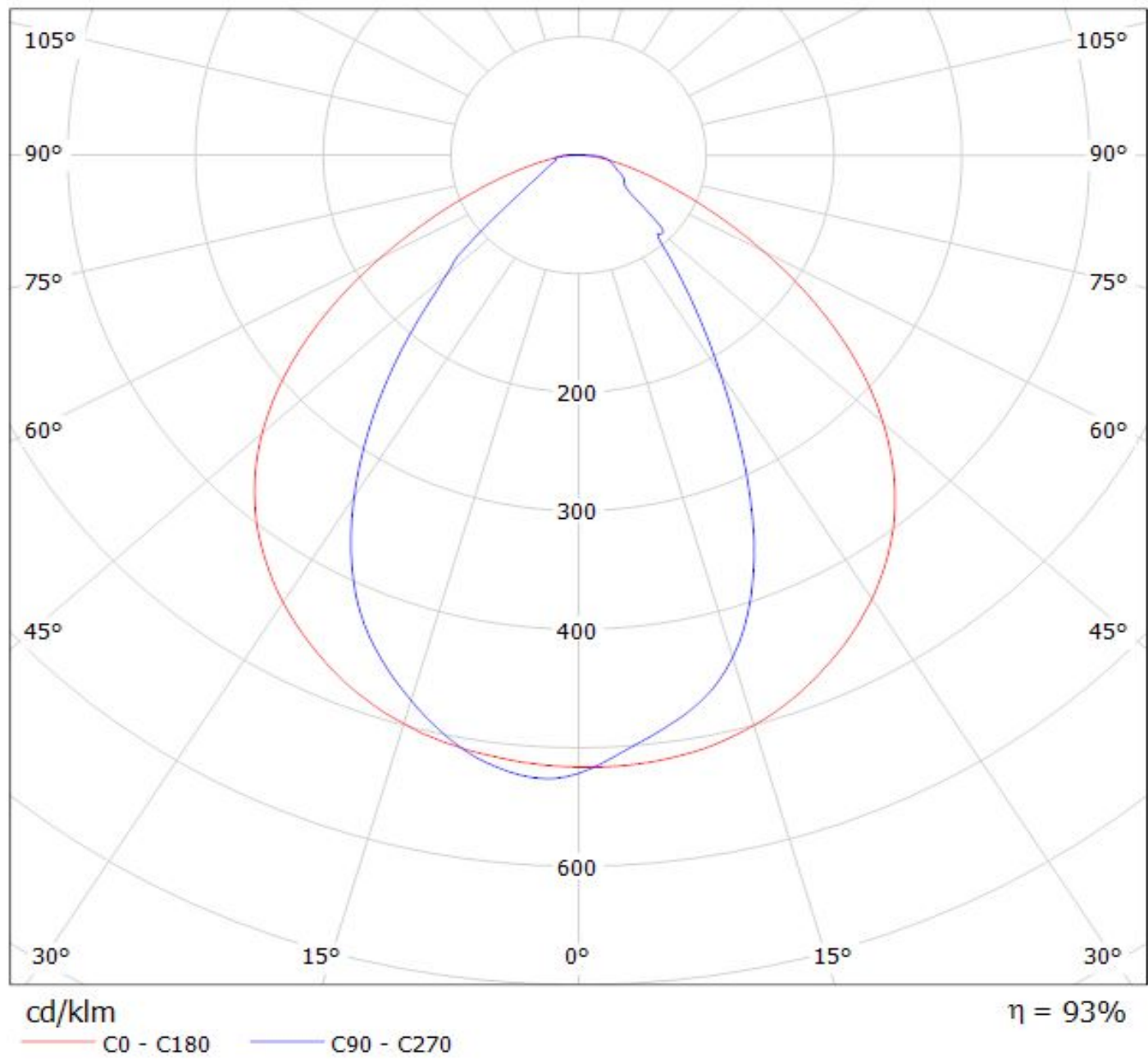
Ledil F14468_FLORENCE-1R-Z60_(XH-B) / LDC (Polar)

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



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



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.