

DETAILS

Product Number	F14170_FLORENCE-ZT25
Family	Florence
Type	Lens
Color	clear
Diameter	286 + 61 mm
Height	11 mm
Style	rectang
Optic Material	PMMA
Holder Material	
Fastening	screw
Status	ready
ROHS Compliant	Yes
Date Updated	1/04/2015

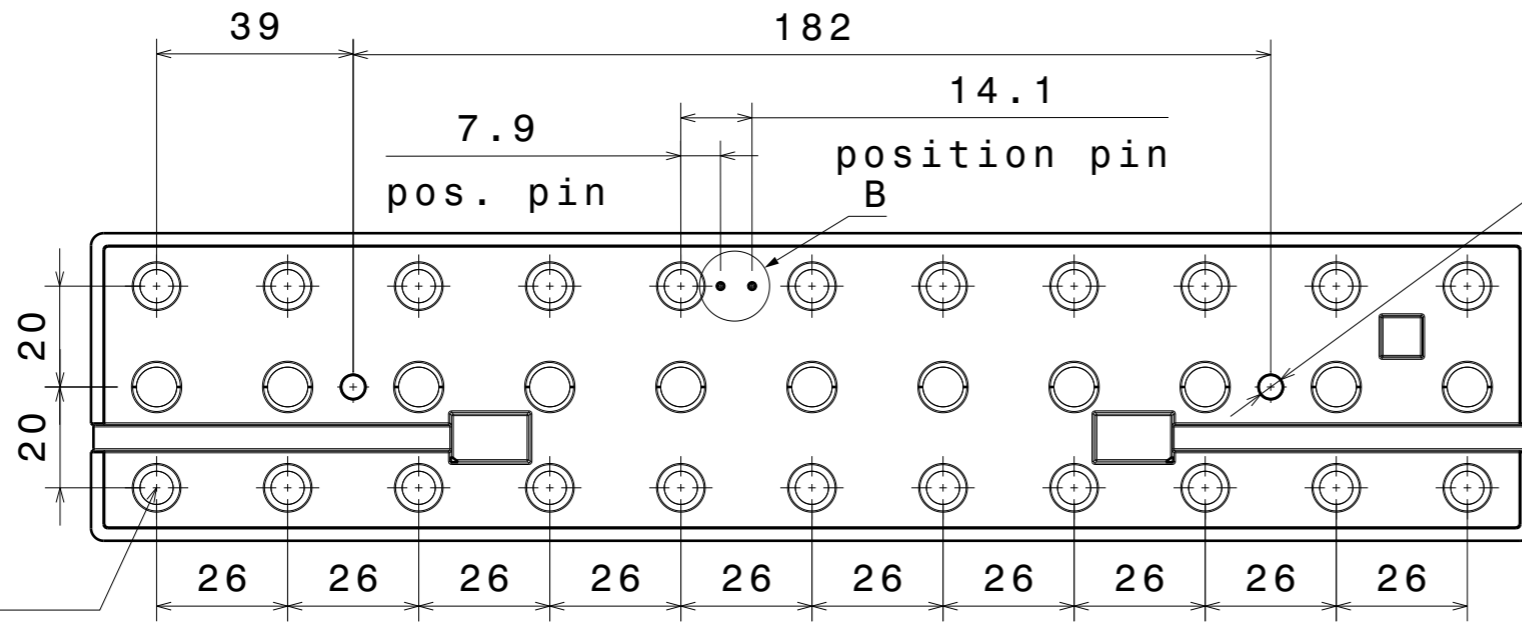


OPTICAL PROPERTIES

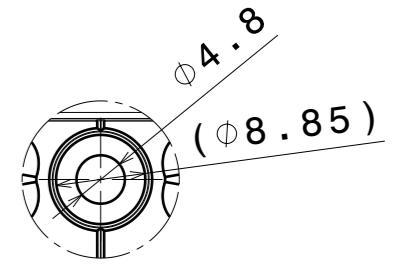
LED	Viewing Angle	Light Beam	Efficiency	cd/lm	Connector
Fortimo LED Line 1ft 1100lm 8x0 3R xV2	sim: Asymmetric	Asymmetric	sim: 93 %	sim: 0.000	-
5630 (ASMU-LWG0-NxxE)	Asym deg	Asymmetric	94 %	0.570	-
STARK LLE-55-280-1650 CLASSIC	Asym deg	Asymmetric	94 %	0.570	-
XP-G	sim: Asymmetric	Asymmetric	sim: 94 %	sim: 0.000	-
XH-B/G	Asym deg	Asymmetric	93 %	0.500	-
LM231 A/B	Asym deg	Asymmetric	94 %	0.600	-
Duris S5 (Single chip)	Asym deg	Asymmetric	94 %	0.600	-
Duris P5	Asym deg	Asymmetric	93 %	0.500	-
LG 6030	Asym deg	Asymmetric	94 %	0.600	-
Fortimo LED Line 1ft 650lm 8x0 3R xV2	sim: Asymmetric	Asymmetric	sim: 93 %	sim: 0.000	-
Luxeon 3535	Asym deg	Asymmetric	94 %	0.600	-
Duris E5	Asym deg	Asymmetric	94 %	0.600	-
LM561B	Asym deg	Asymmetric	94 %	0.600	-
LG 5630	Asymmetric deg	Asymmetric	94 %	sim: 0.000	-
NF2x757D	Asym deg	Asymmetric	94 %	0.600	-
MP-2016	Asymmetric deg	Asymmetric	94 %	0.630	-
Luxeon 3030 2D	Asymmetric deg	Asymmetric	92 %	0.560	-

NOTE: INCOMPATIBLE WITH C14437_FLORENCE-PF-3R

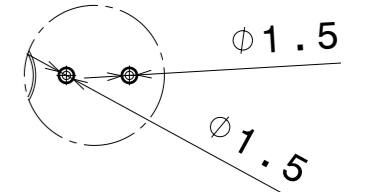
4
Bottom view



3
Led center position



Detail A

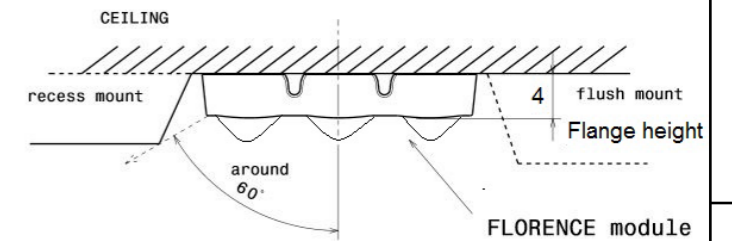
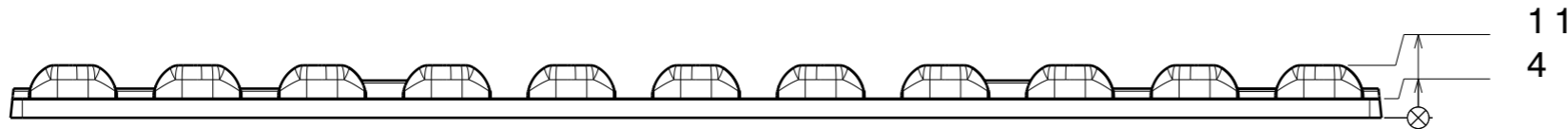


Detail B

$\phi 4.8$
M4 screw recommended

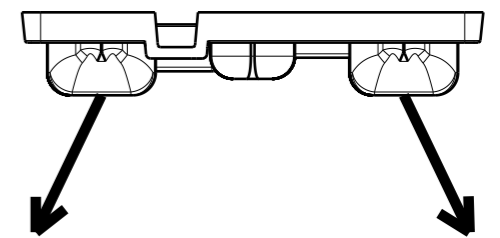
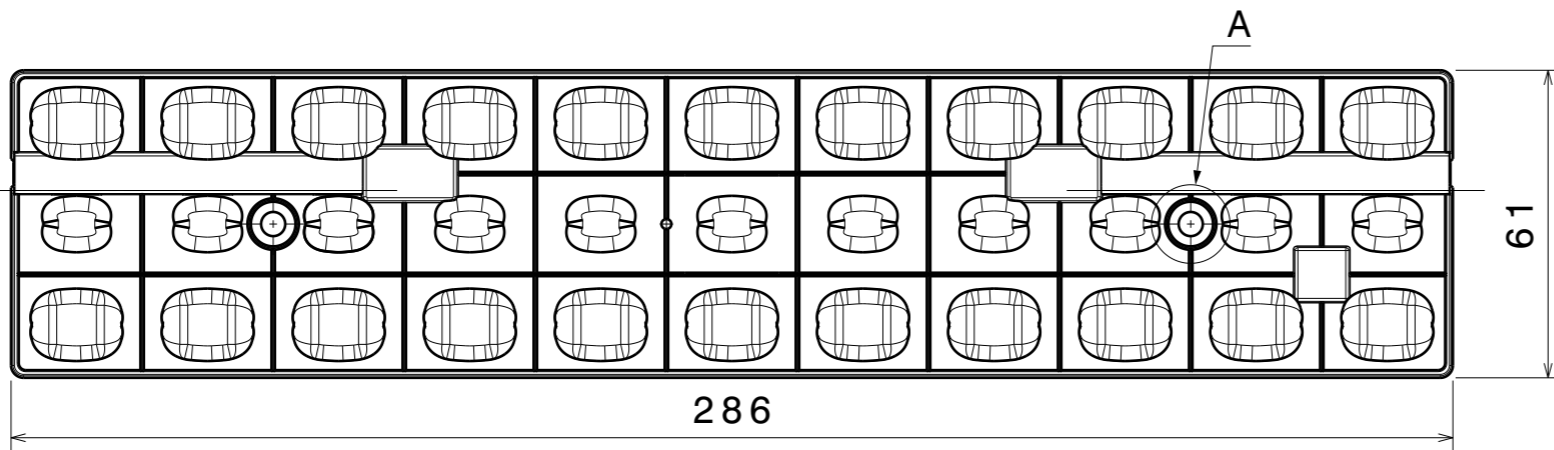
Wire outlet both sides

Front view



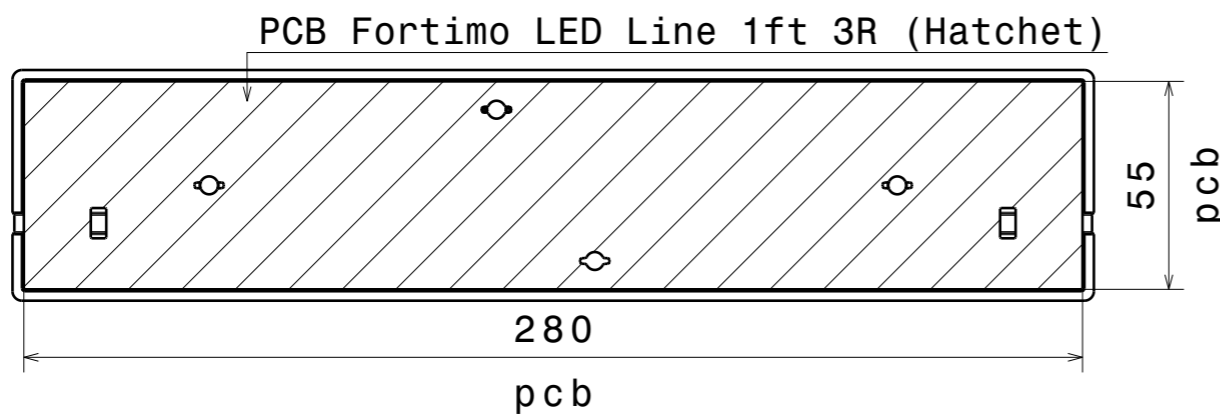
Typical setup

2
Top view



Double asymmetric light direction

1
PCB EXAMPLE



INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	F14170	FLORENCE-ZT25	PMMA	

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



Ledil Oy
Salorankatu 10
FIN 24240 SALO
Finland

THIRD ANGLE PROJECTION:

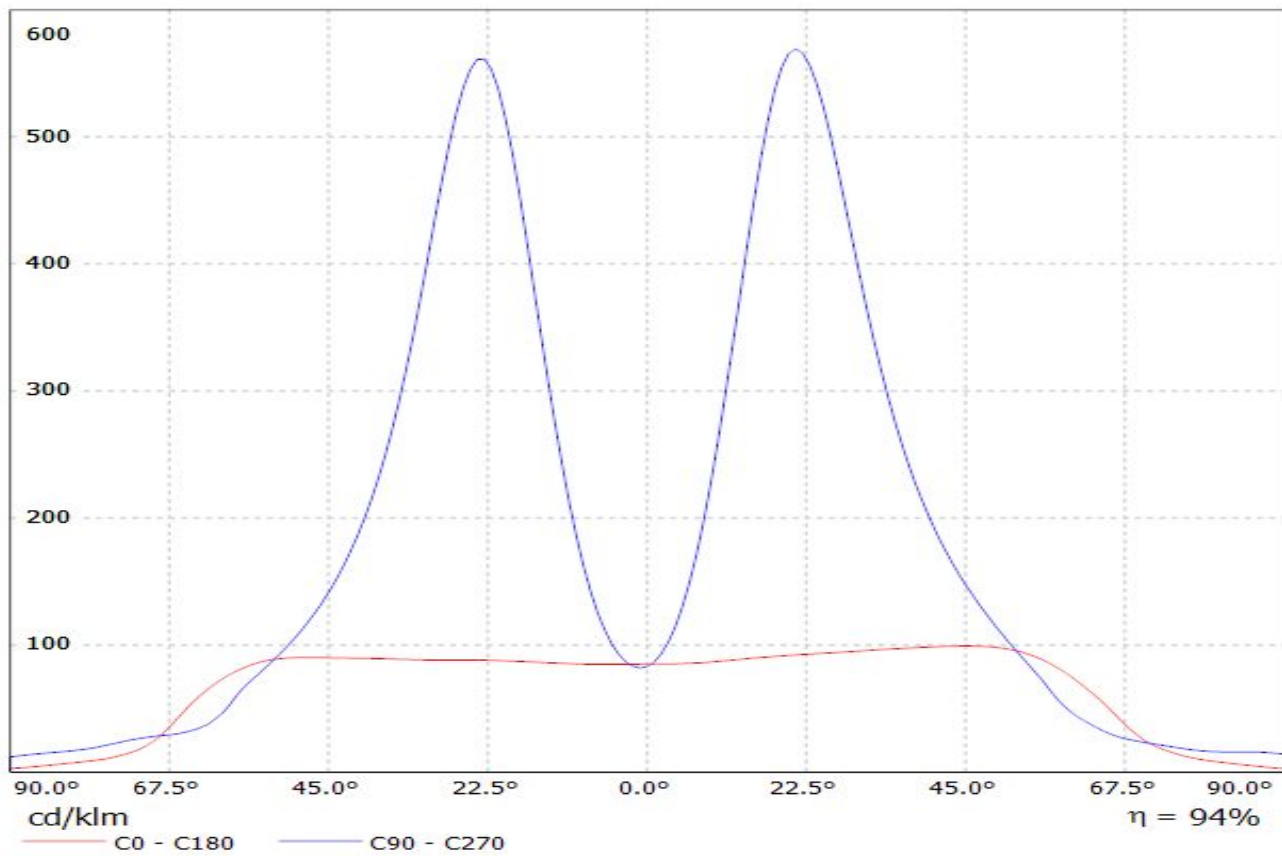
DRAWING TITLE
F14170_FLORENCE-ZT25

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SIZE PART NUMBER
A3 F14170

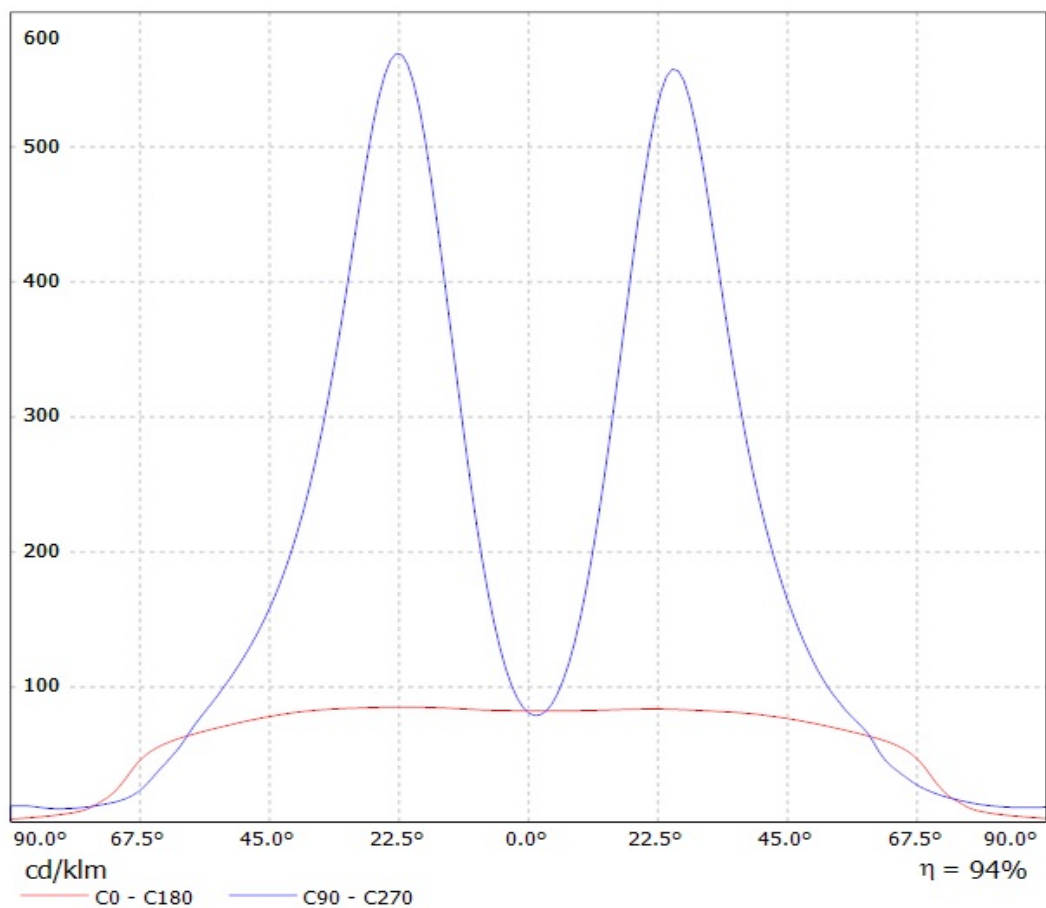
SCALE 1:1 WEIGHT - g SHEET 1/1

Luminaire: LEDiL Oy F14170_FLORENCE-ZT25_(AVAGO 5630 0.5W)
Lamps: 1 x AVAGO ASMU-LWG0-NxxxE 1677.82lm@420mA 34.8V

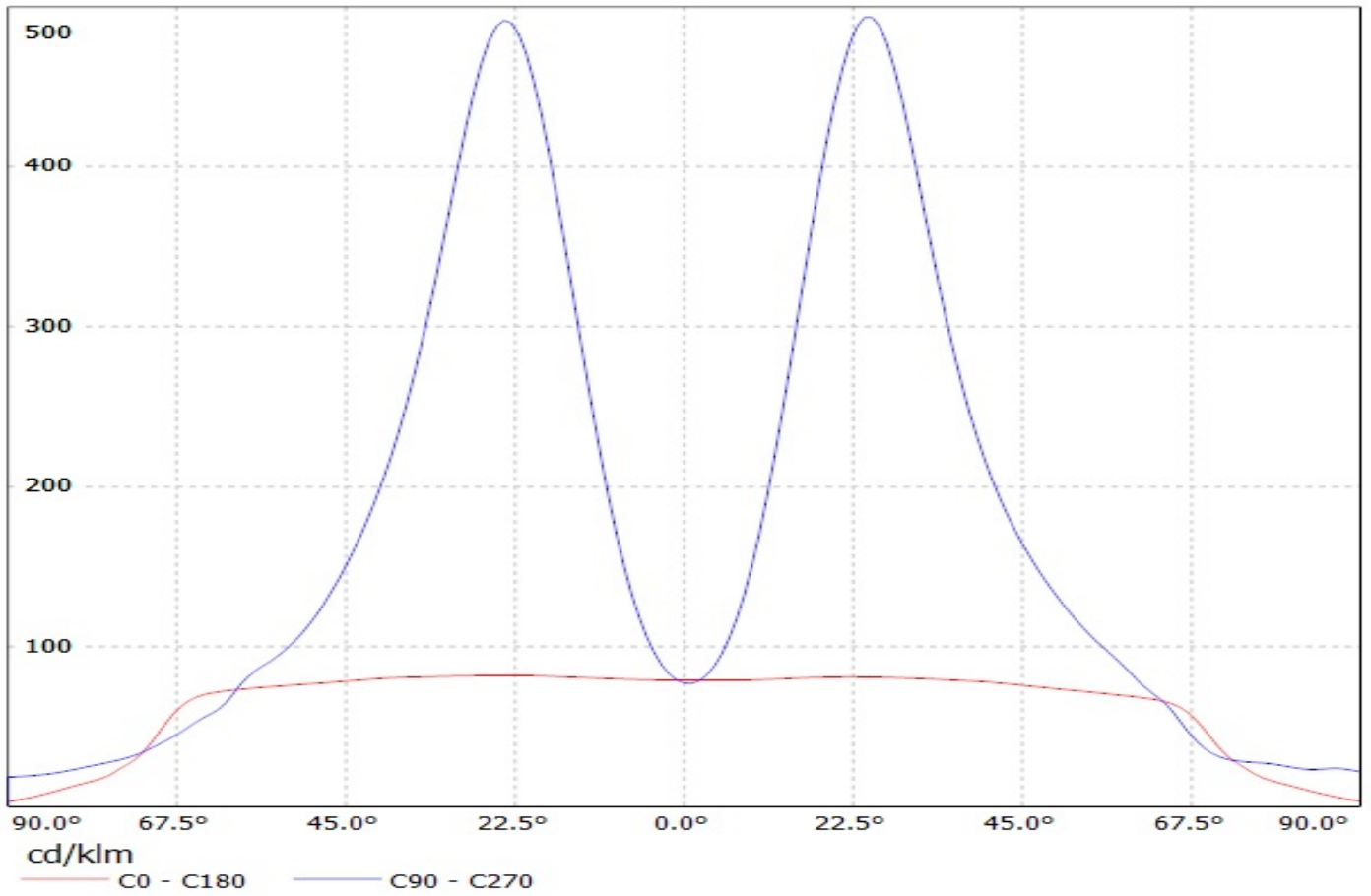


Luminaire: LEDiL Oy F14170_FLORENCE-ZT25_(LLE-55-280-1650)

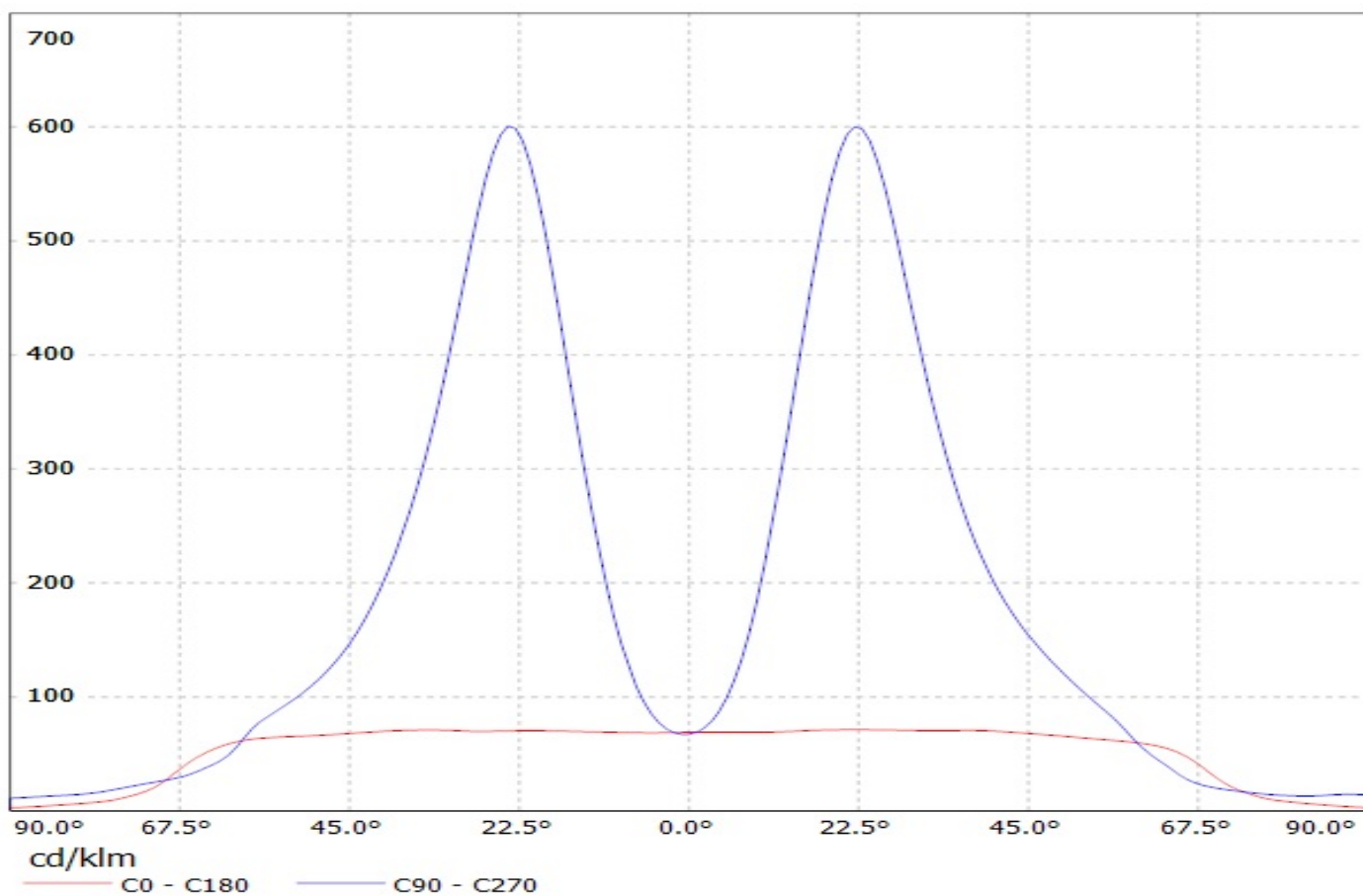
Lamps: 1 x Tridonic_STARK_LLE-55-280-1650_(STARK_LLE-55-280-1650-840-CLA)_1532lm@325lm_CCT=4000K_P=10.1908W_I=324.9mA



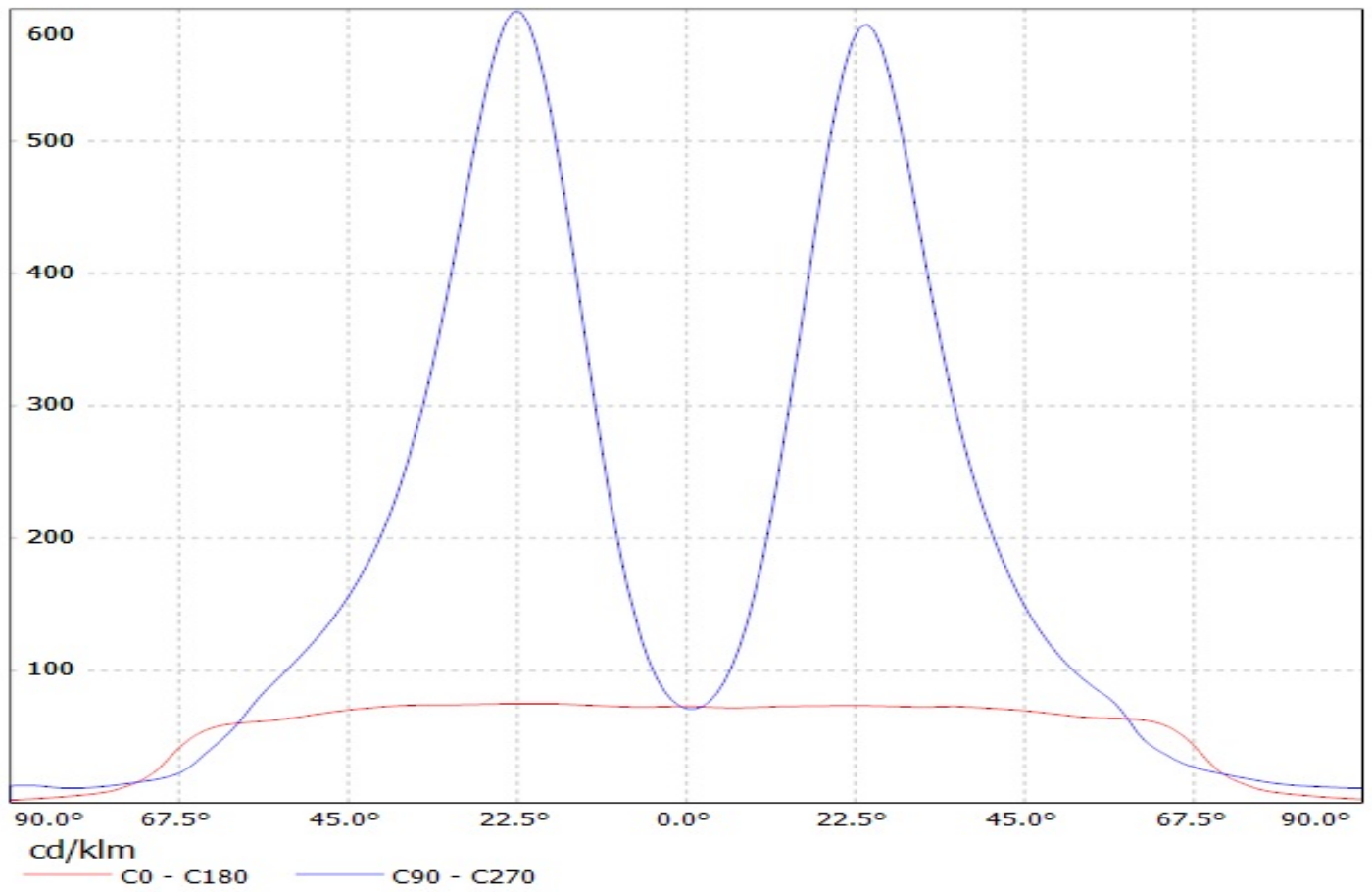
Luminaire: LEDiL Oy F14170_FLORENCE-ZT25_(XH-G) Eff: 93%
Lamps: 1 x Cree_XH-G_(XHGAWT-0-7B4-J30-0H)_1063.31lm@250mA_P=8.12225W_I=0.2498A



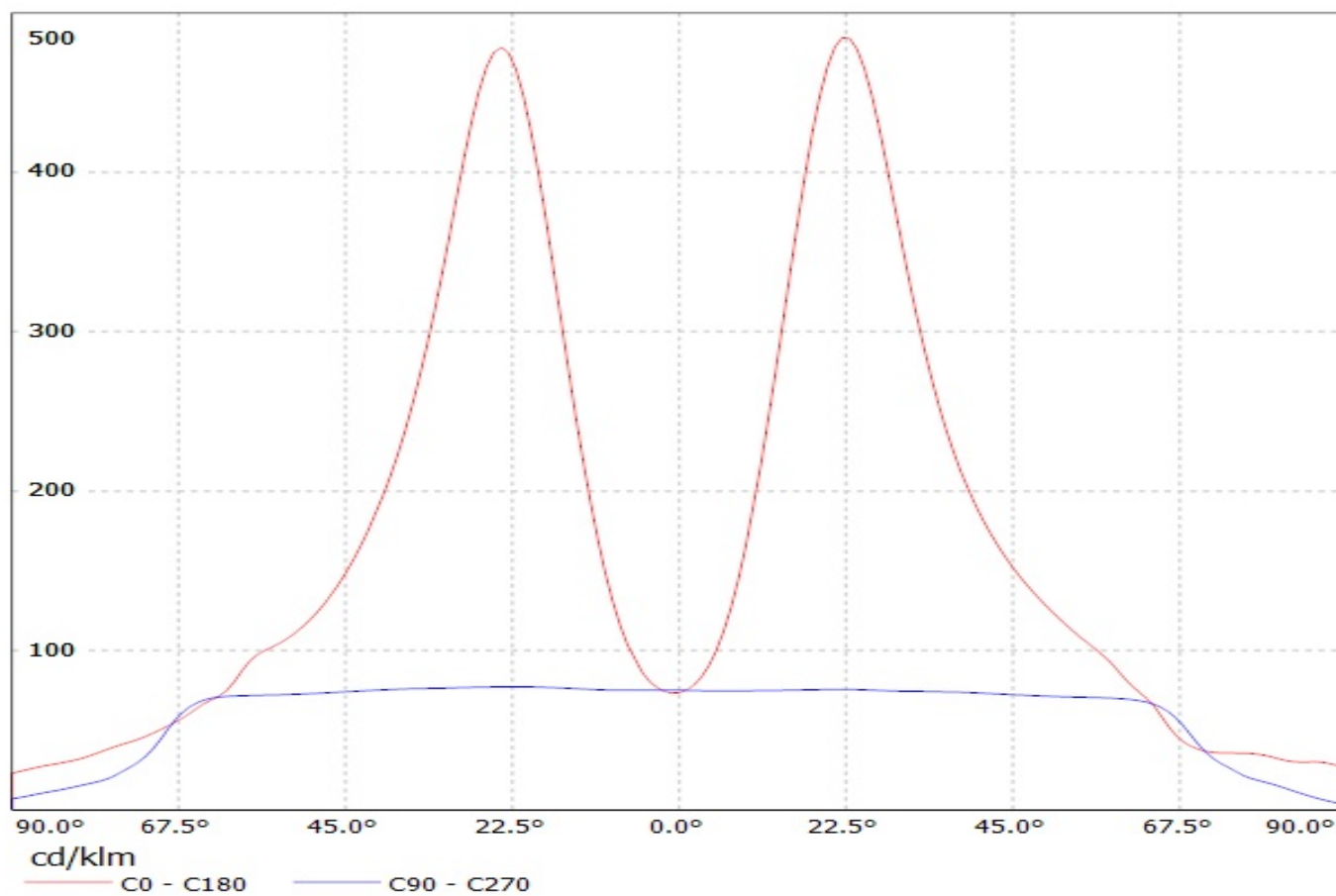
Luminaire: LEDiL Oy F14170_FLORENCE-ZT25_(LM231B) Eff: 94%
Lamps: 1 x Samsung_LM231B_579lm@150mA_P=4.62045W_I=0.15A



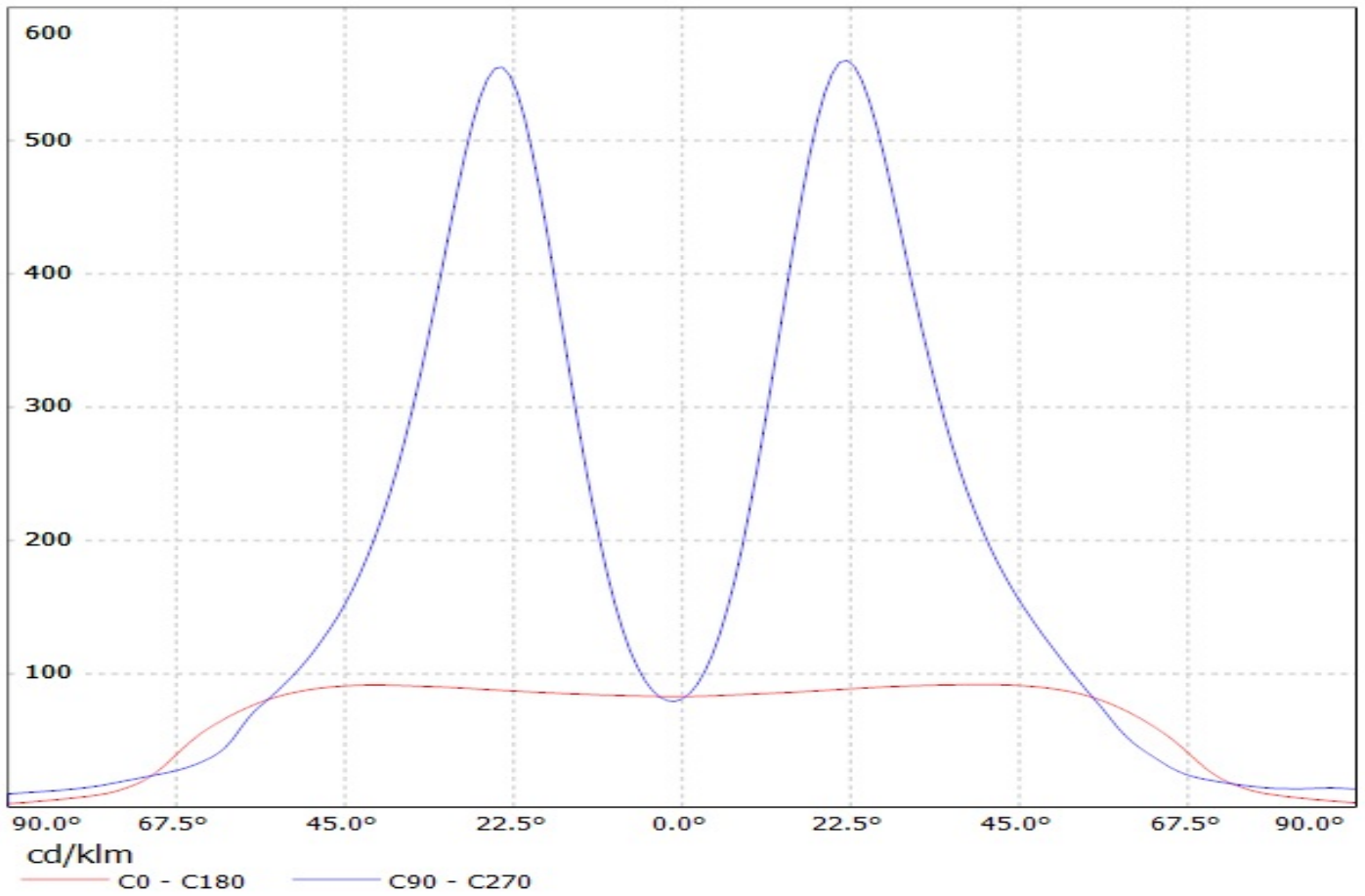
Luminaire: LEDiL Oy F14170_FLORENCE-ZT25_(DURIS_S5) Eff: 94%
Lamps: 1 x Osram_DURIS_S5_511.3lm@120mA_P=3.76574W_I=120.1mA



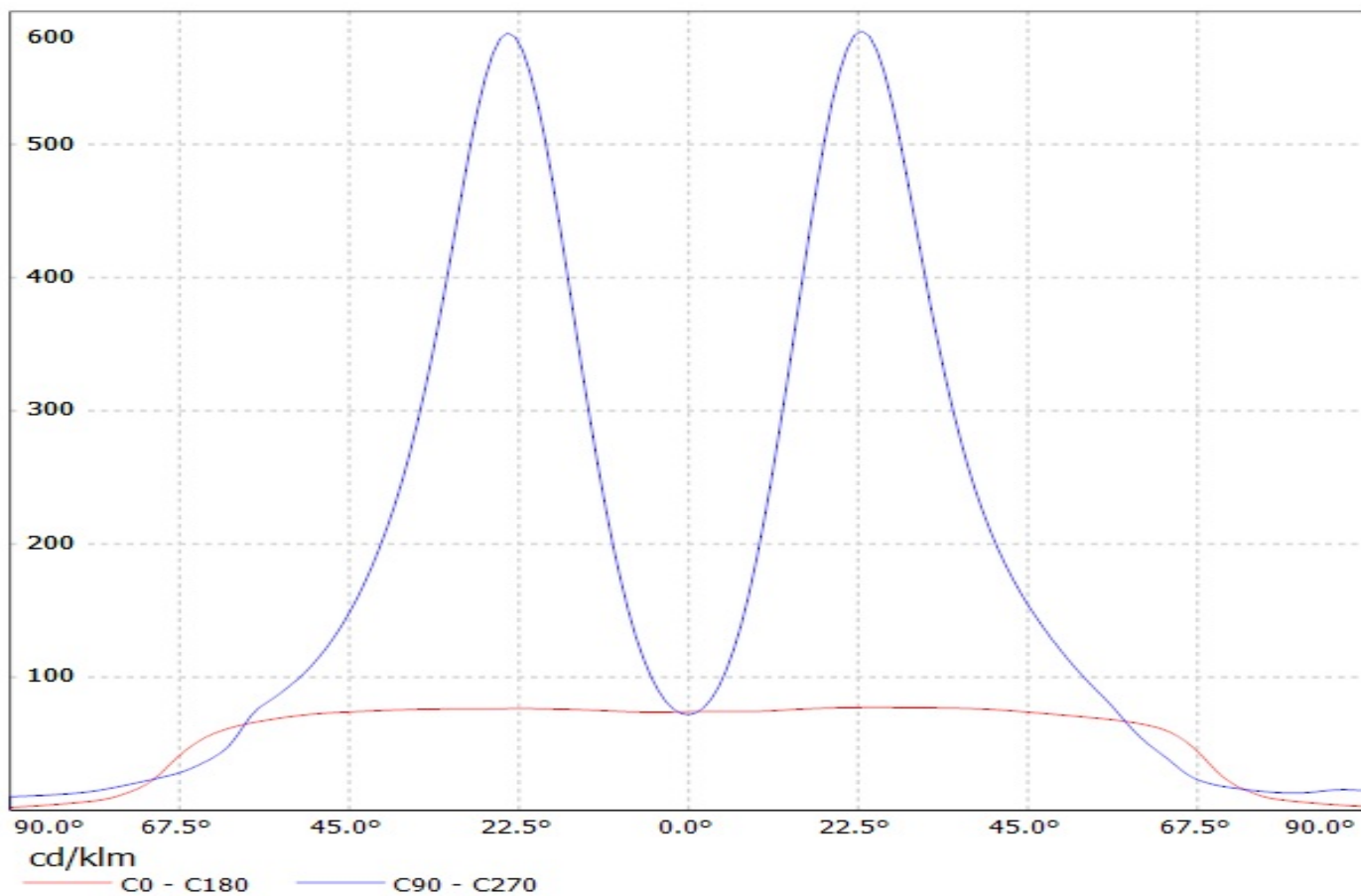
Luminaire: LEDiL Oy F14170_FLORENCE-ZT25_(Duris_P5) Eff: 93%
Lamps: 1 x Osram_Duris_P5_756.444lm@250mA_P=7.78777W_I=249.8mA



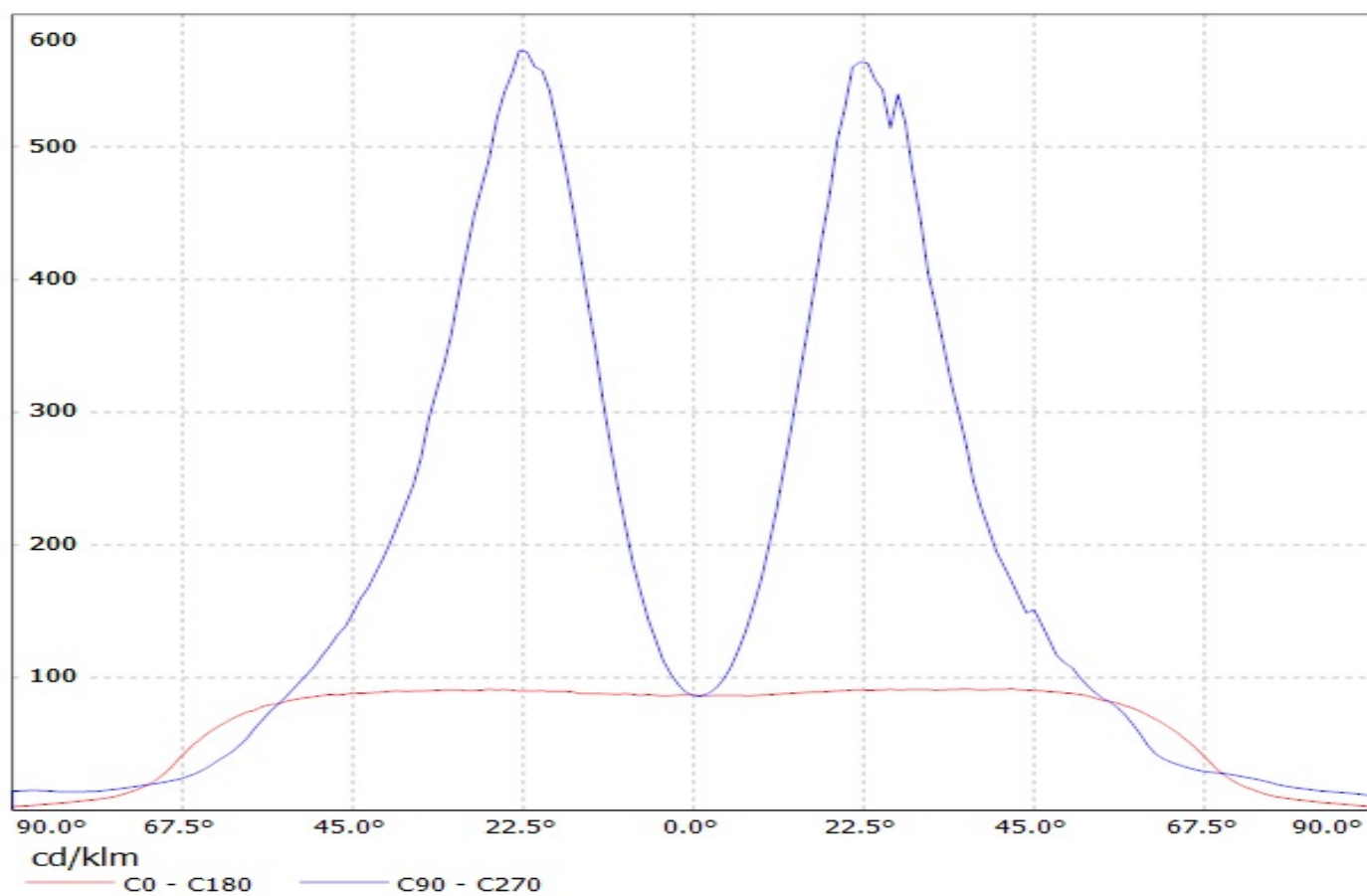
Luminaire: LEDiL Oy F14170_FLORENCE-ZT25_(LG_6030) Eff: 94%
Lamps: 1 x LG_6030_(LEWMS68T80HZ)_1082lm@250mA_P=7.86385W_I=0.2499A



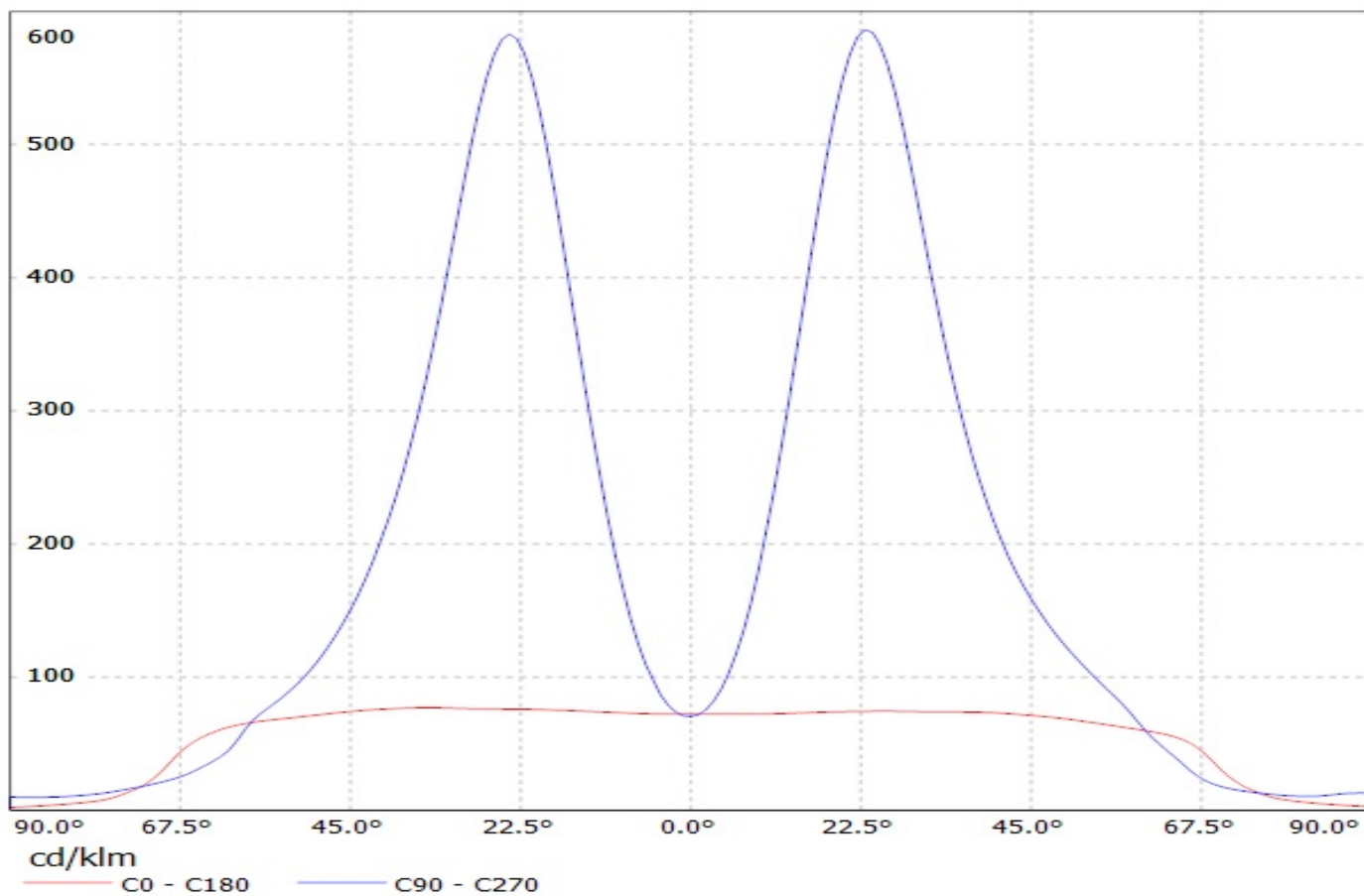
Luminaire: LEDiL Oy F14170_FLORENCE-ZT25_(Luxeon_3535) Eff: 94%
Lamps: 1 x Luxeon_3535_2D_(MXC8-PW40-0000)_1516.52lm@200mA_P=12.6909W_I=0.1999A



Luminaire: LEDiL Oy F14170_FLORENCE-ZT25_(DURIS_E5) Eff: 94%
Lamps: 1 x Osram_DURIS_E5_570lm@120mA_P=3.69459W_I=120.2mA

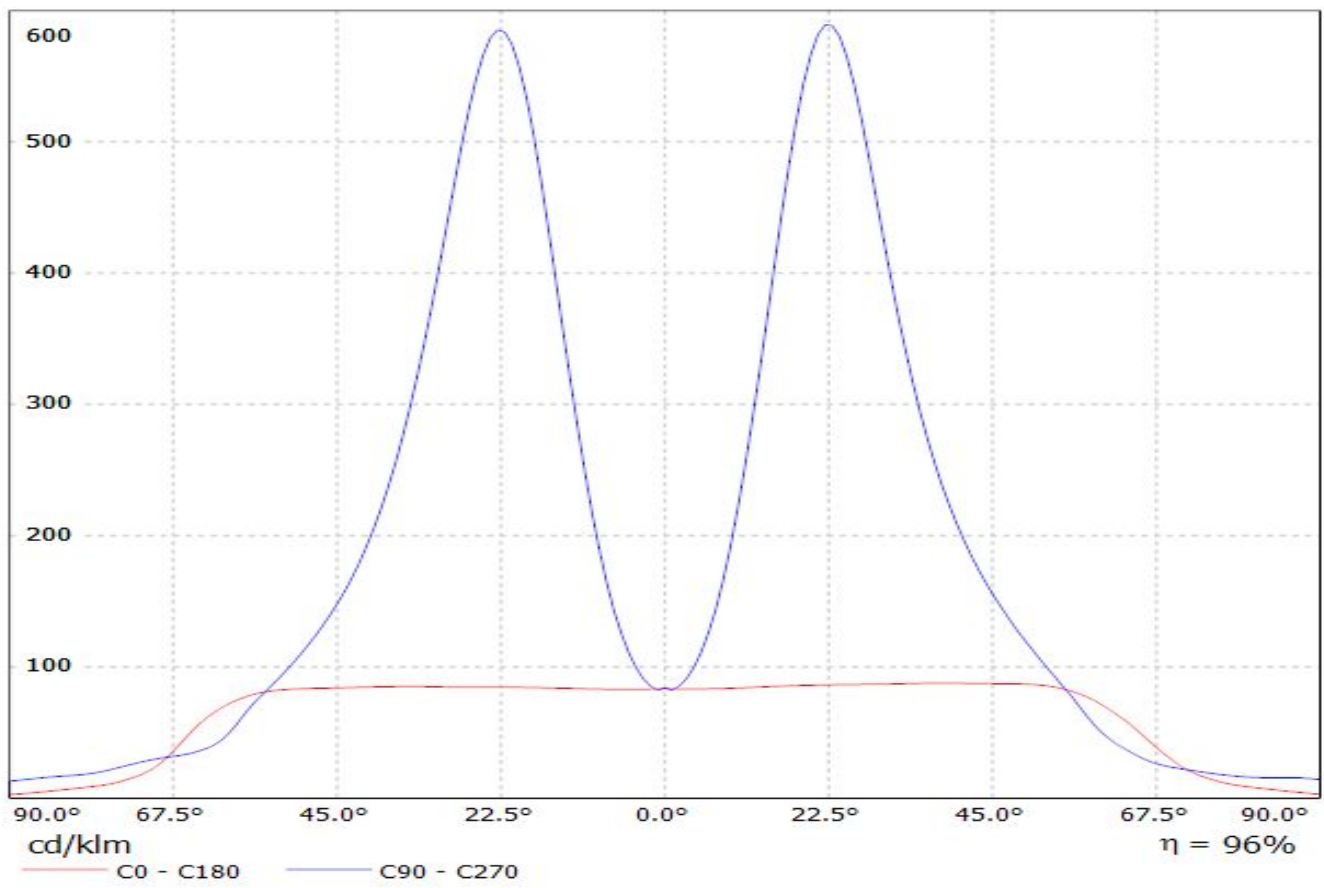


Luminaire: LEDiL Oy F14170_FLORENCE-ZT25_(LM561B) Eff: 94%
Lamps: 1 x Samsung_LM561B_695.232lm@150mA_P=4.6194W_I=0.15A

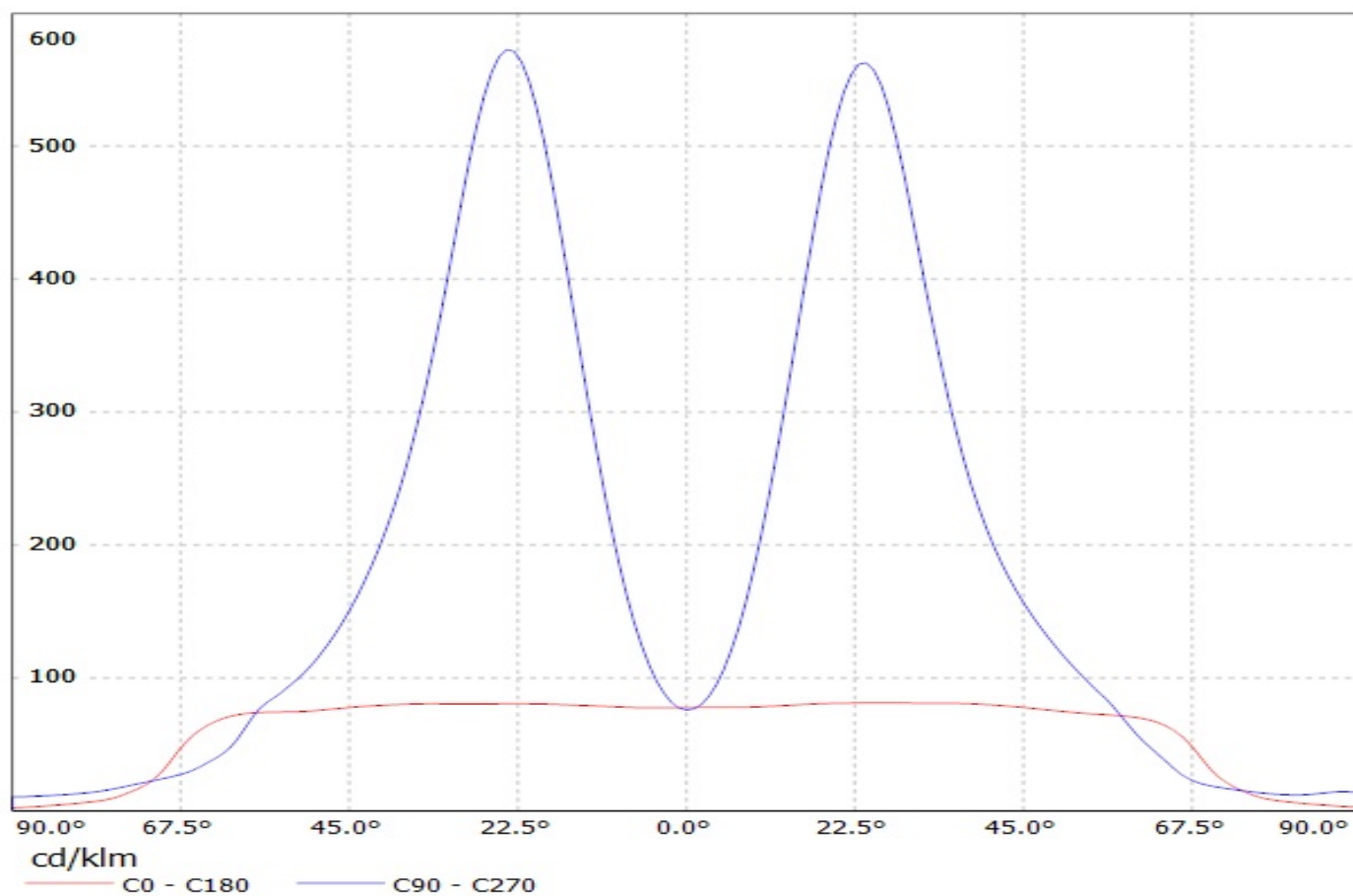


Luminaire: LEDiL Oy F14170_FLORENCE-ZT25_(LG_5630)

Lamps: 1 x FLORENCE_FORTIMO_(LG_5630)_1000.68lm@250mA P=8.35483W I=250.7mA



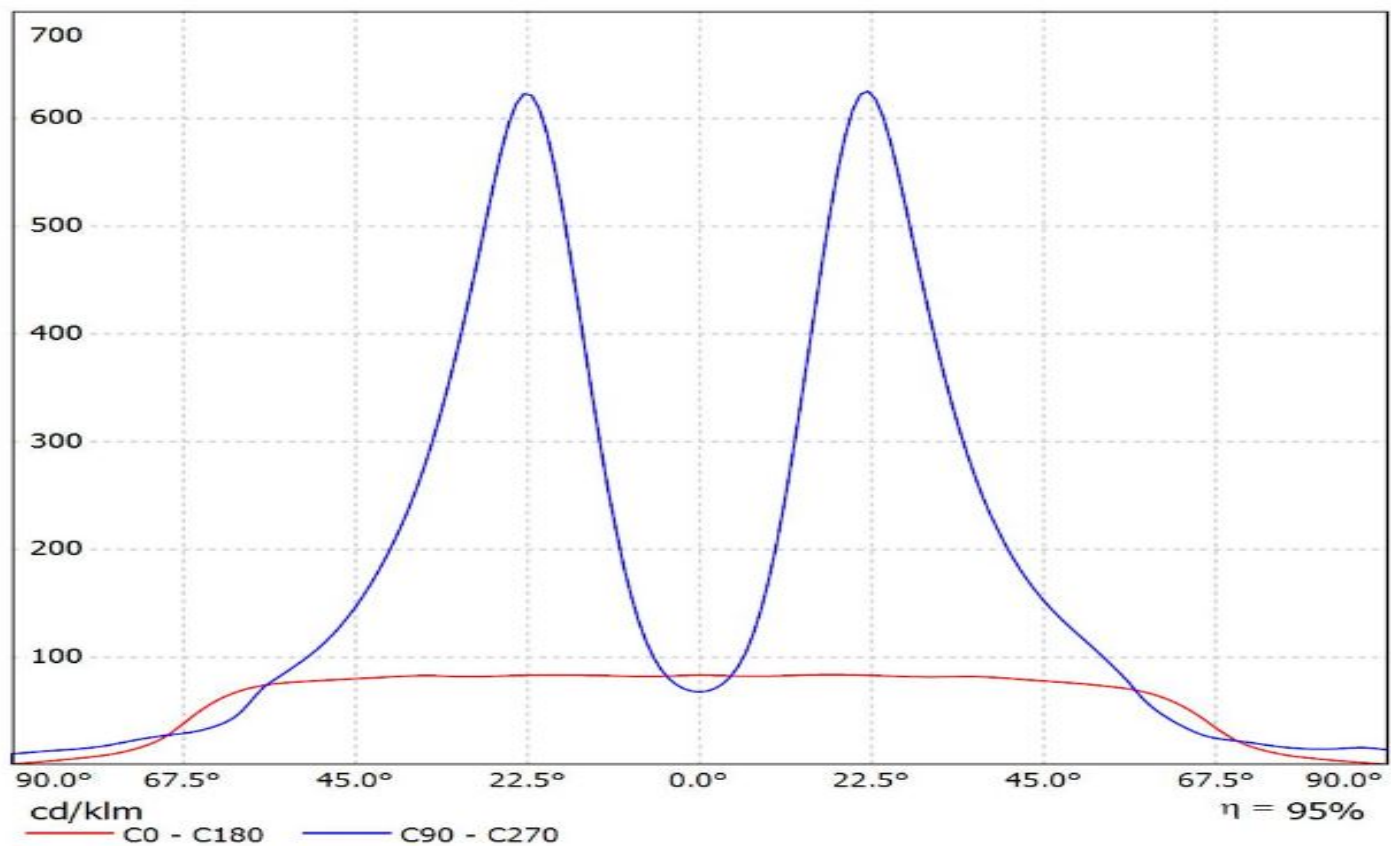
Luminaire: LEDiL Oy F14170_FLORENCE-ZT25_(NT2x757D) Eff: 94%
Lamps: 1 x Nichia_NT2x757D_(NT2W757DRT)_1465.4lm@150mA_P=9.3849W_I=0.15A



Ledil F14170_FLORENCE-ZT25_(MP-2016) / LDC (Linear)

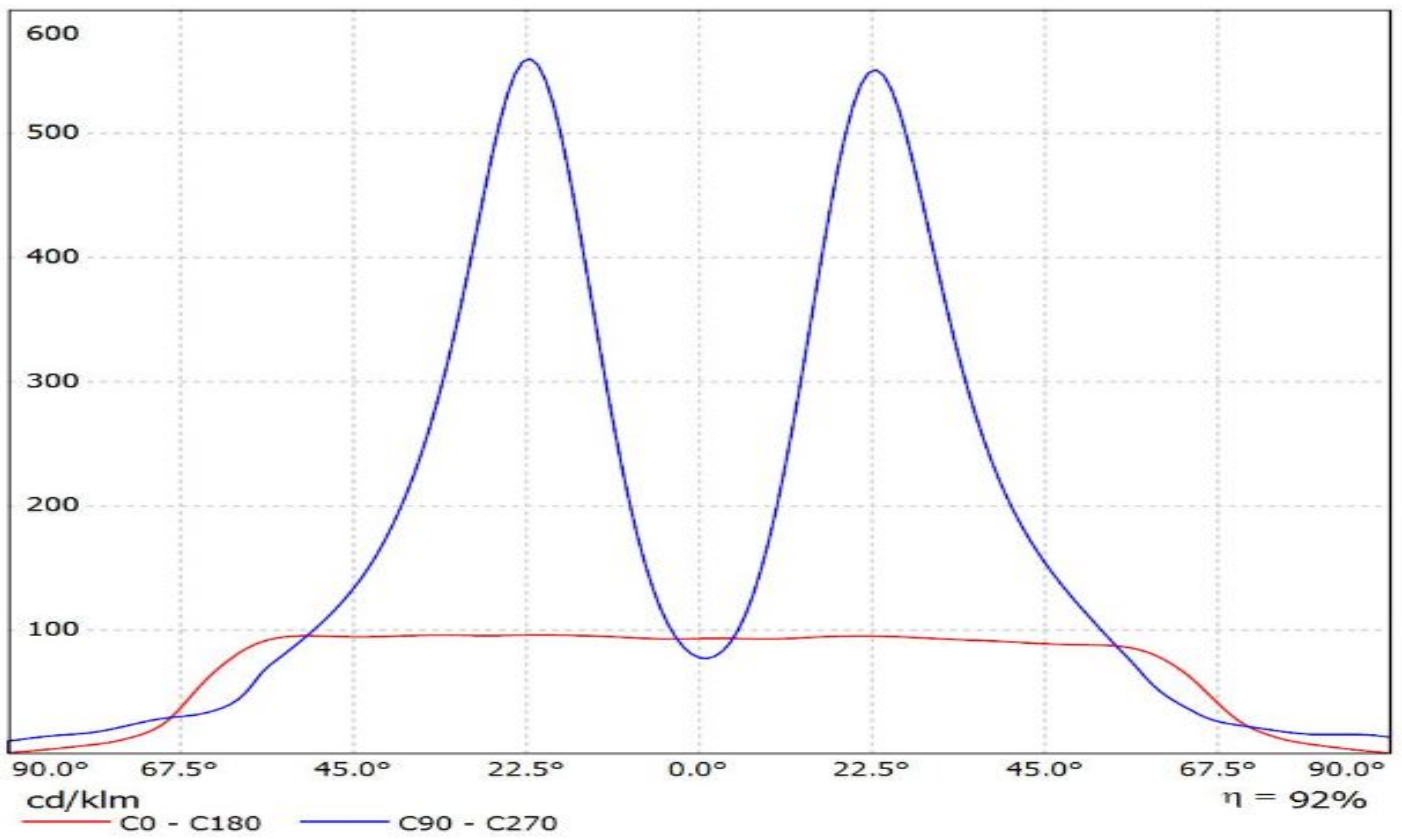
Luminaire: Ledil F14170_FLORENCE-ZT25_(MP-2016)

Lamps: 1 x Luminus_MP-2016_x22_(LUMMP-1100-30-80)_715.864lm@180mA_P=6W_I=0.18A

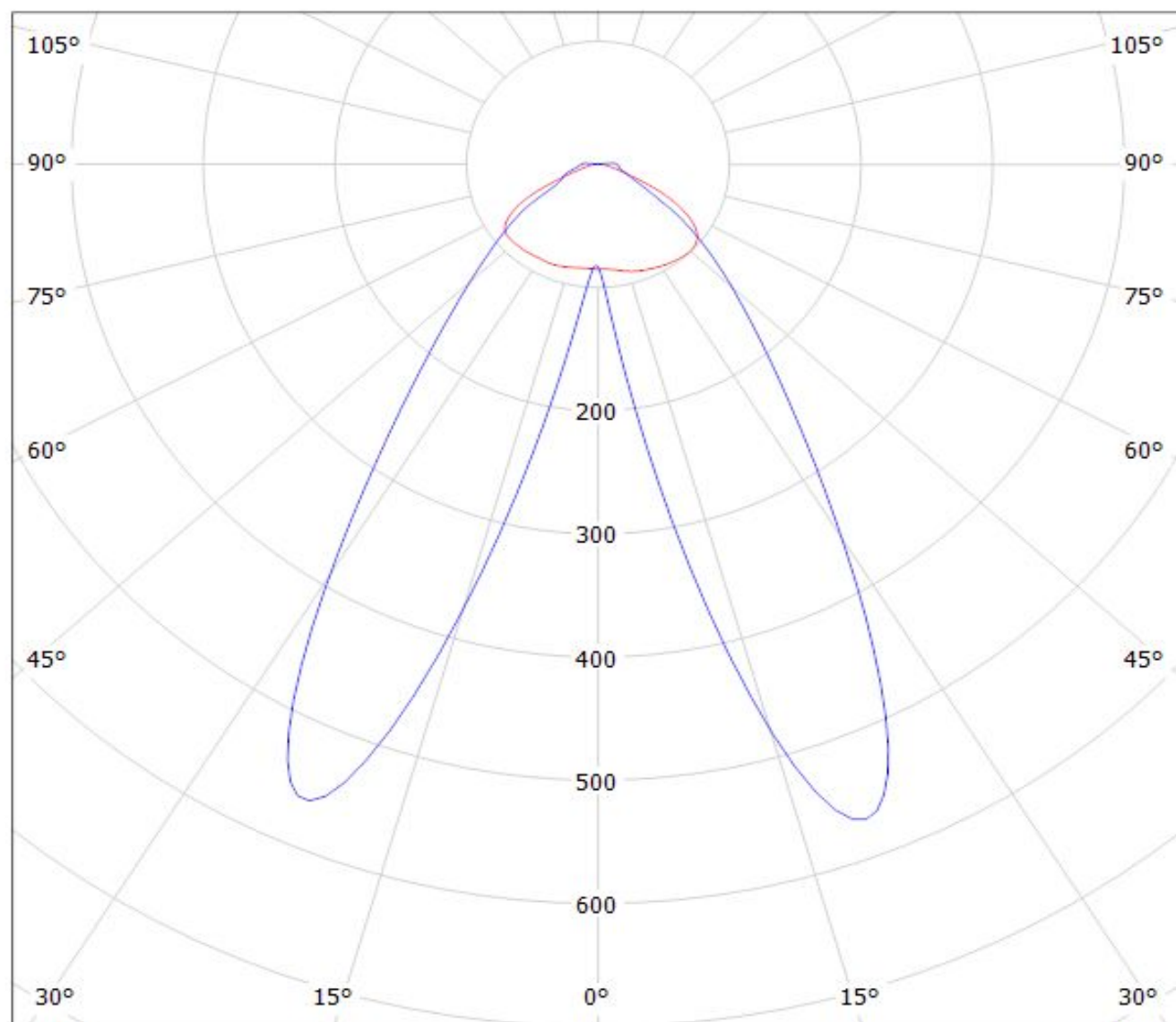


Ledil F14170_FLORENCE-ZT25_(Luxeon_3030_2D) / LDC (Linear)

Luminaire: Ledil F14170_FLORENCE-ZT25_(Luxeon_3030_2D)
Lamps: 1 x Luxeon_3030_2D_3x11_(L130-4080003000W21)
_1601.44lm@300mA_CCT=4000K_P=12.8W_I=0.3A



Luminaire: LEDiL Oy F14170_FLORENCE-ZT25_(AVAGO 5630 0.5W)
Lamps: 1 x AVAGO ASMU-LWG0-NxxxE 1677.82lm@420mA 34.8V



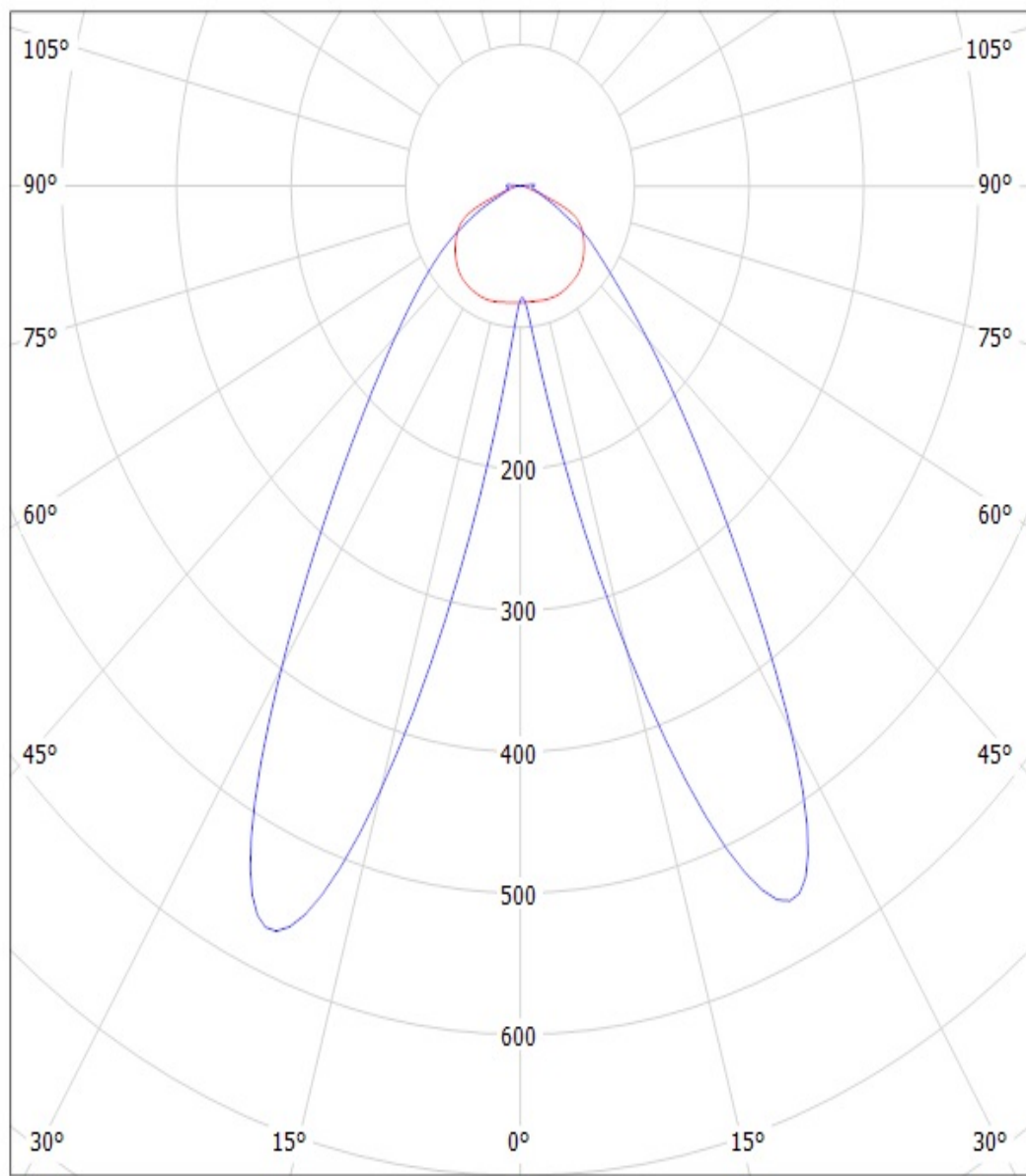
cd/klm

— C0 - C180 — C90 - C270

$\eta = 94\%$

Luminaire: LEDiL Oy F14170_FLORENCE-ZT25_(LLE-55-280-1650)

Lamps: 1 x Tridonic_STARK_LLE-55-280-1650_(STARK_LLE-55-280-1650-840-CLA)_1532lm@325lm_CCT=4000K_P=10.1908W_I=324.9mA



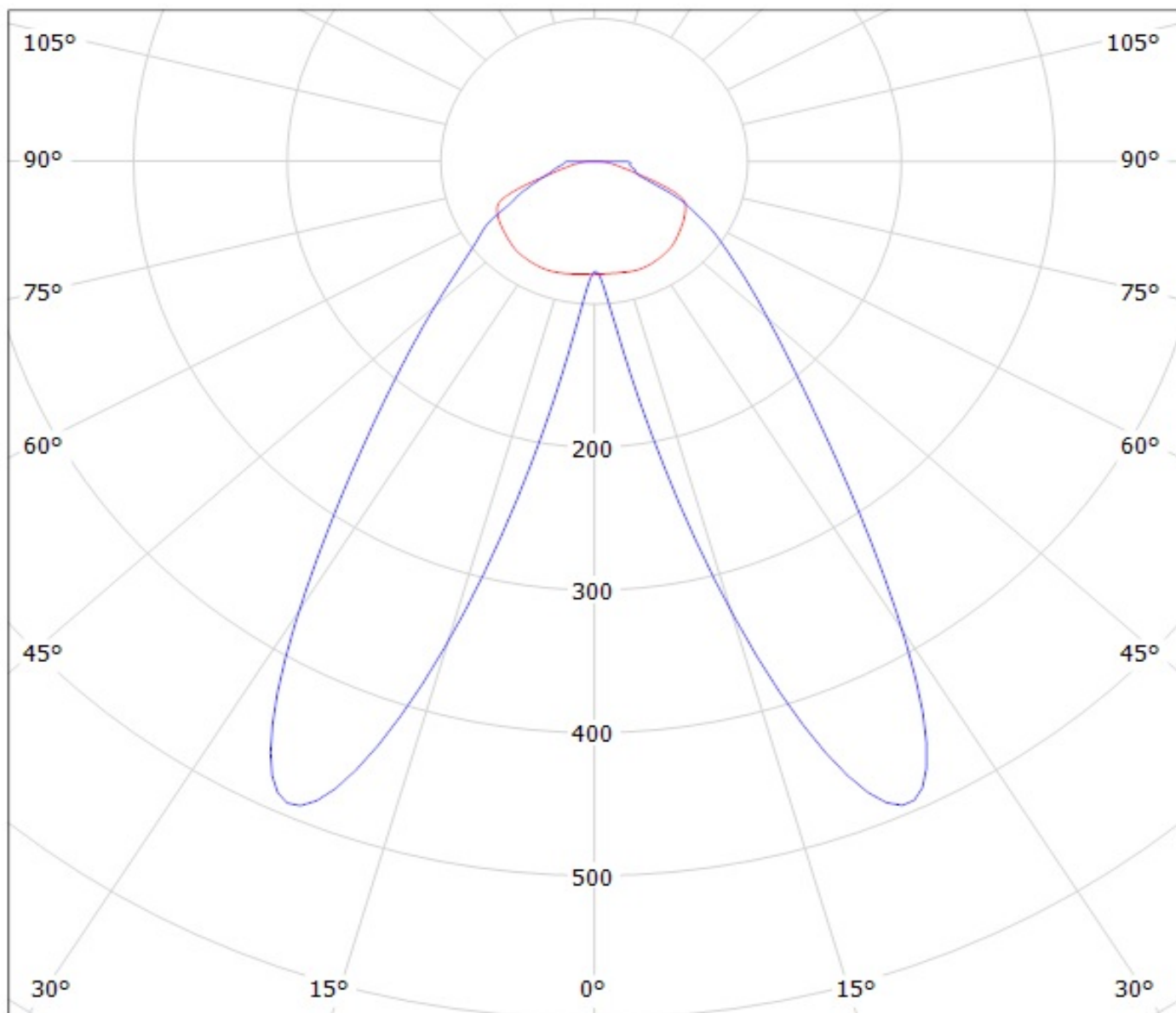
cd/klm

$\eta = 94\%$

— C0 - C180 — C90 - C270

Luminaire: LEDiL Oy F14170_FLORENCE-ZT25_(XH-G) Eff: 93%

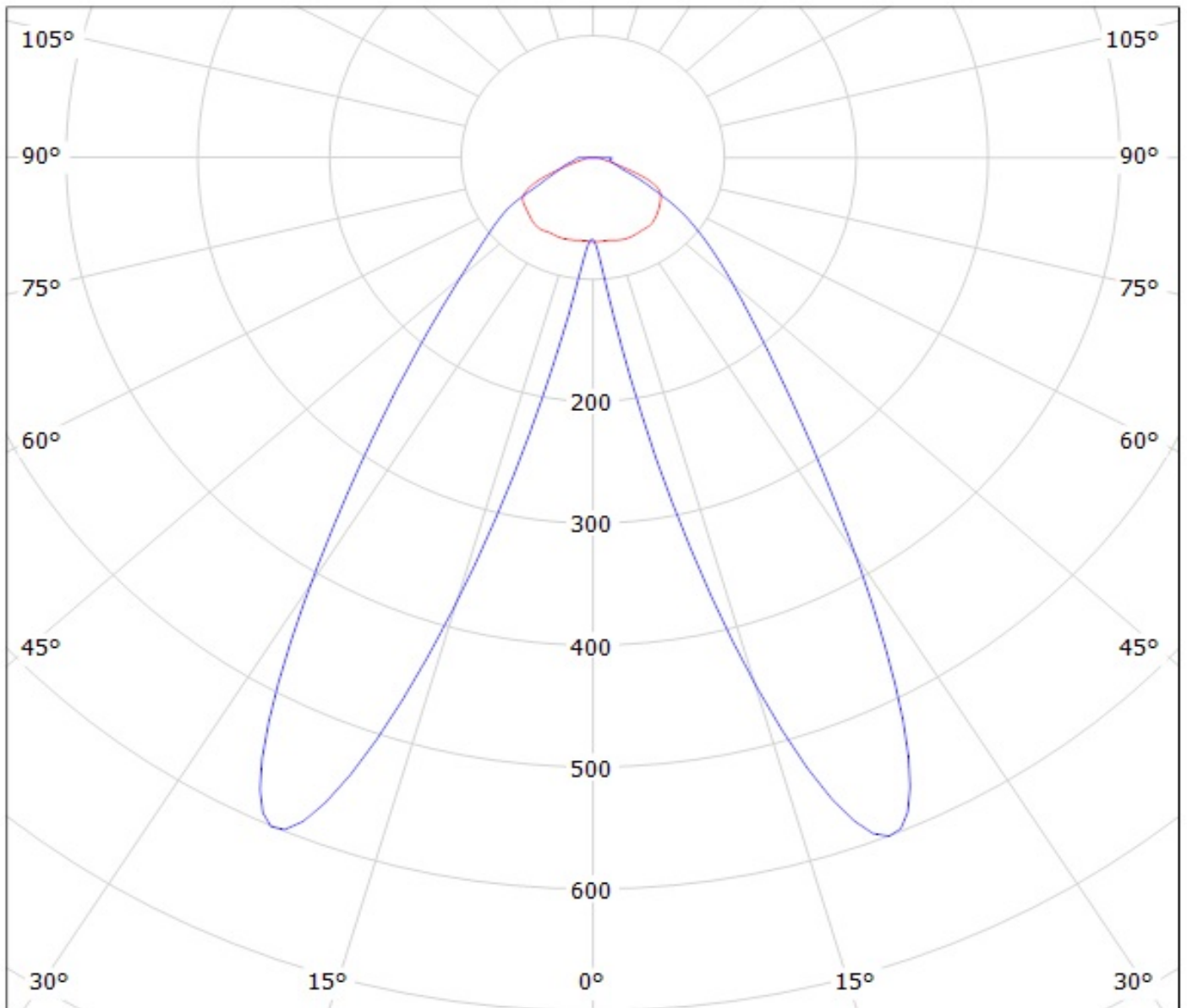
Lamps: 1 x Cree_XH-G_(XHGAWT-0-7B4-J30-0H)_1063.31lm@250mA_P=8.12225W_I=0.2498A



cd/klm

— C0 - C180 — C90 - C270

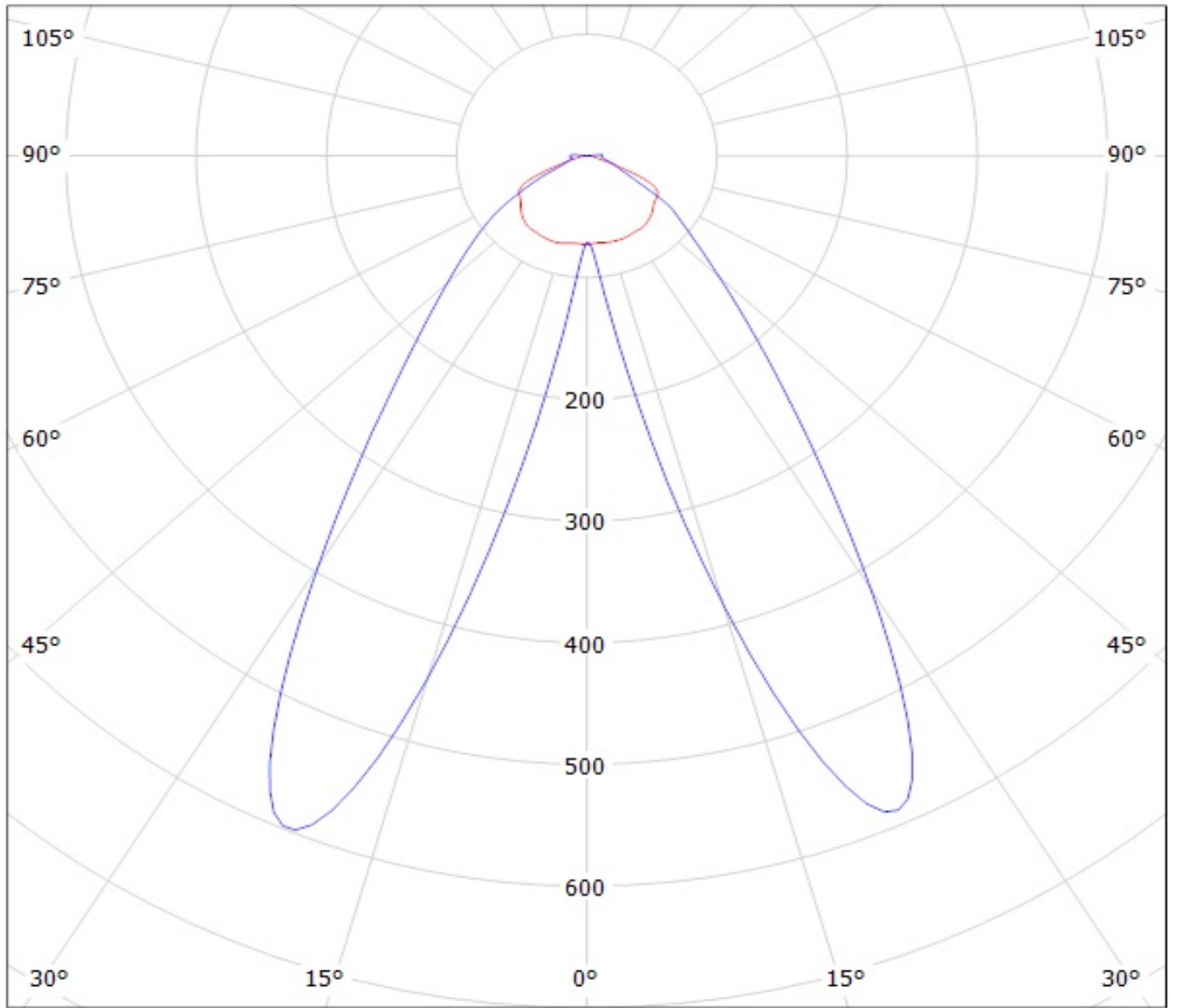
Luminaire: LEDiL Oy F14170_FLORENCE-ZT25_(LM231B) Eff: 94%
Lamps: 1 x Samsung_LM231B_579lm@150mA_P=4.62045W_I=0.15A



cd/klm

— C0 - C180 — C90 - C270

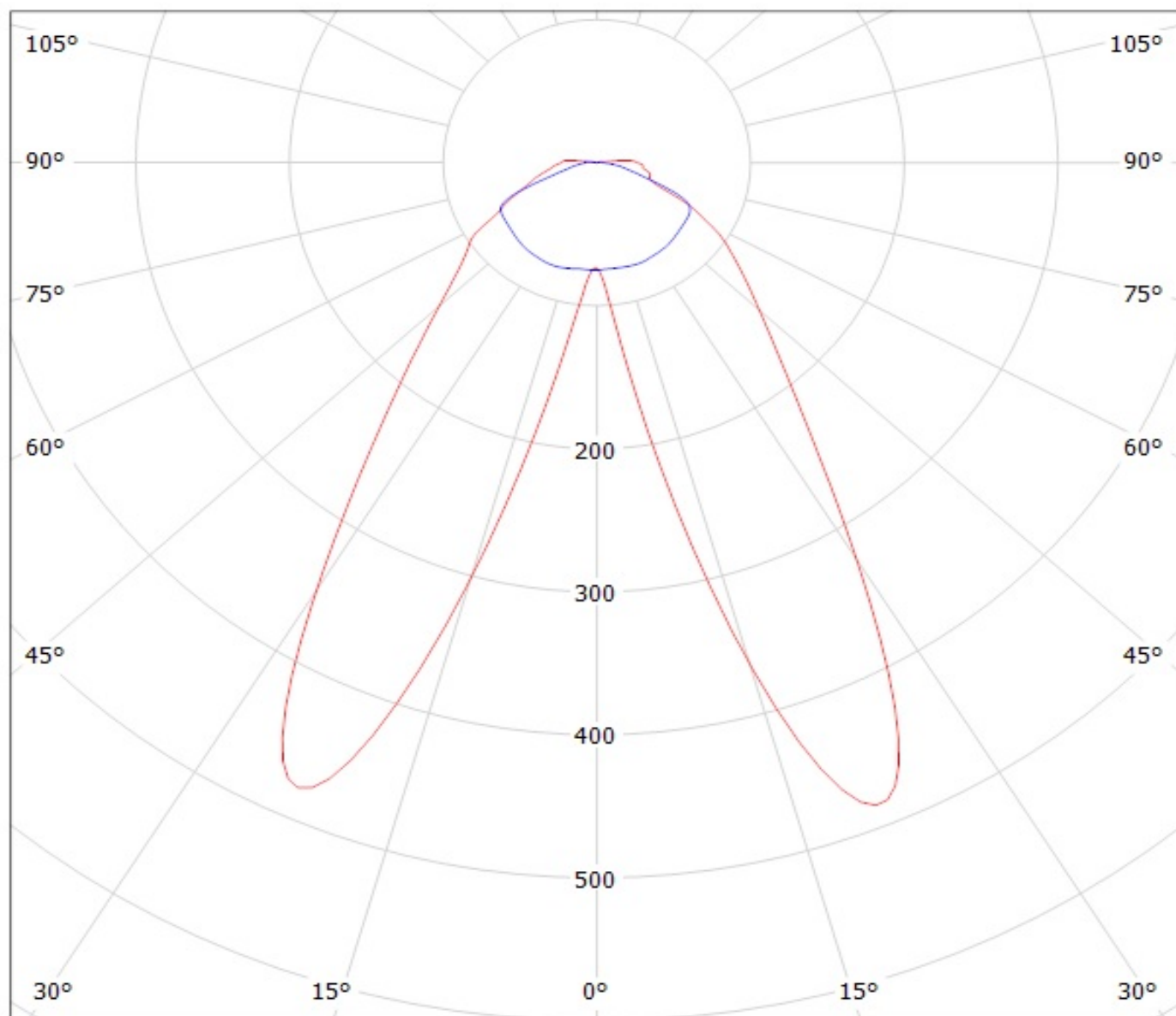
Luminaire: LEDiL Oy F14170_FLORENCE-ZT25_(DURIS_S5) Eff: 94%
Lamps: 1 x Osram_DURIS_S5_511.3lm@120mA_P=3.76574W_I=120.1mA



cd/klm

— C0 - C180 — C90 - C270

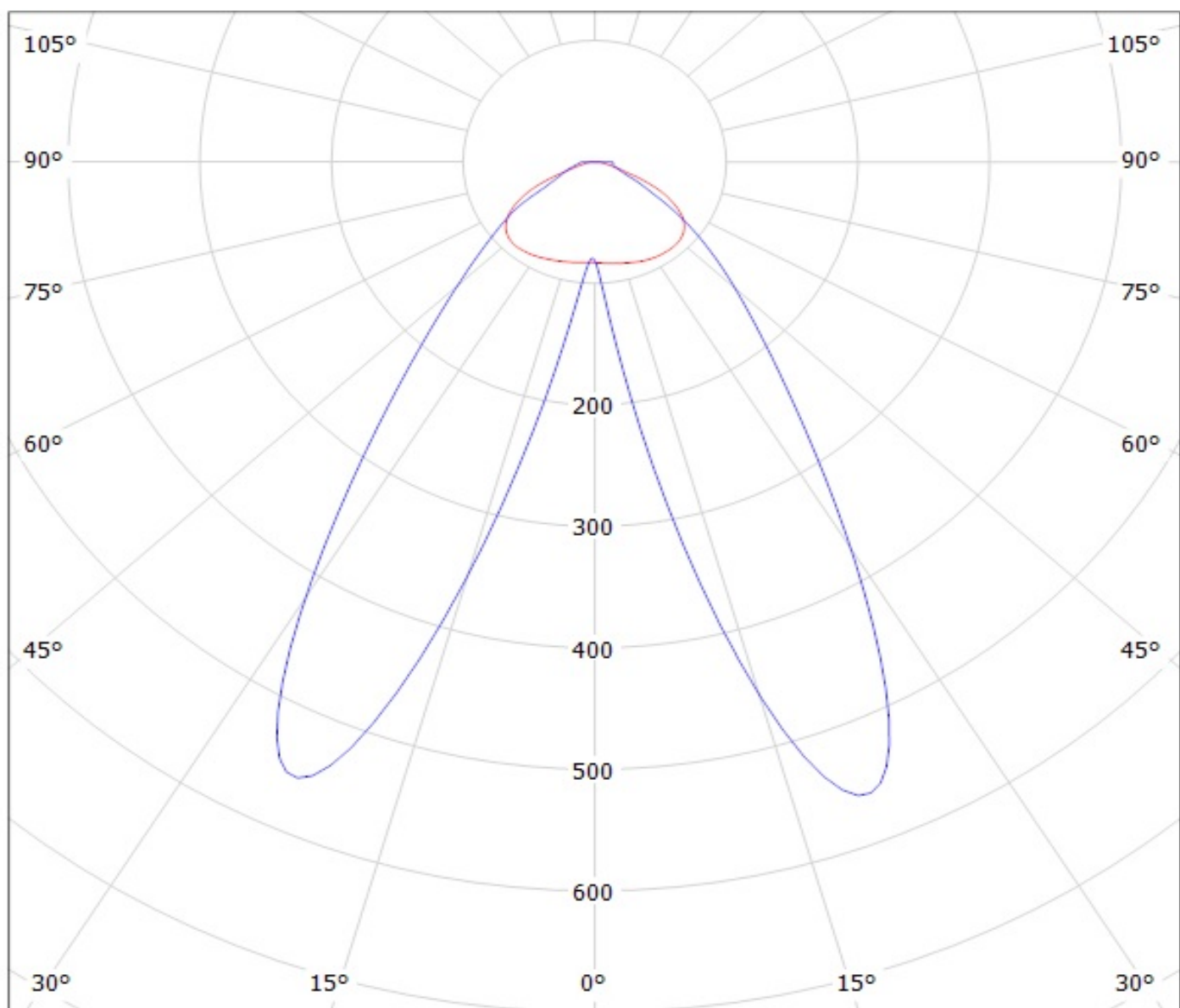
Luminaire: LEDiL Oy F14170_FLORENCE-ZT25_(Duris_P5) Eff: 93%
Lamps: 1 x Osram_Duris_P5_756.444lm@250mA_P=7.78777W_I=249.8mA



cd/klm

— C0 - C180 — C90 - C270

Luminaire: LEDiL Oy F14170_FLORENCE-ZT25_(LG_6030) Eff: 94%
Lamps: 1 x LG_6030_(LEWMS68T80HZ)_1082lm@250mA_P=7.86385W_I=0.2499A



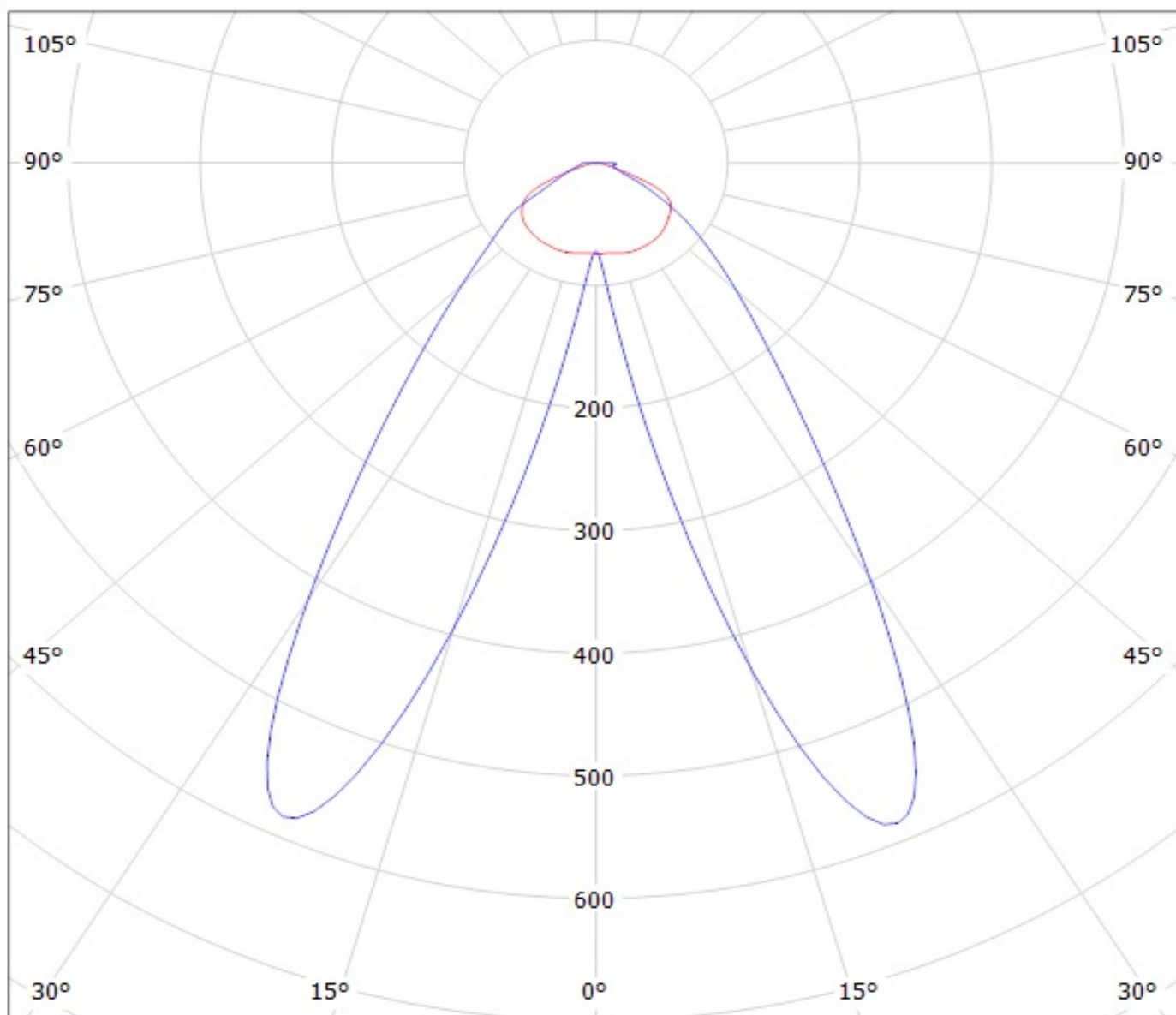
cd/klm

— C0 - C180

— C90 - C270

Luminaire: LEDiL Oy F14170_FLORENCE-ZT25_(Luxeon_3535) Eff: 94%

Lamps: 1 x Luxeon_3535_2D_(MXC8-PW40-0000)_1516.52lm@200mA_P=12.6909W_I=0.1999A

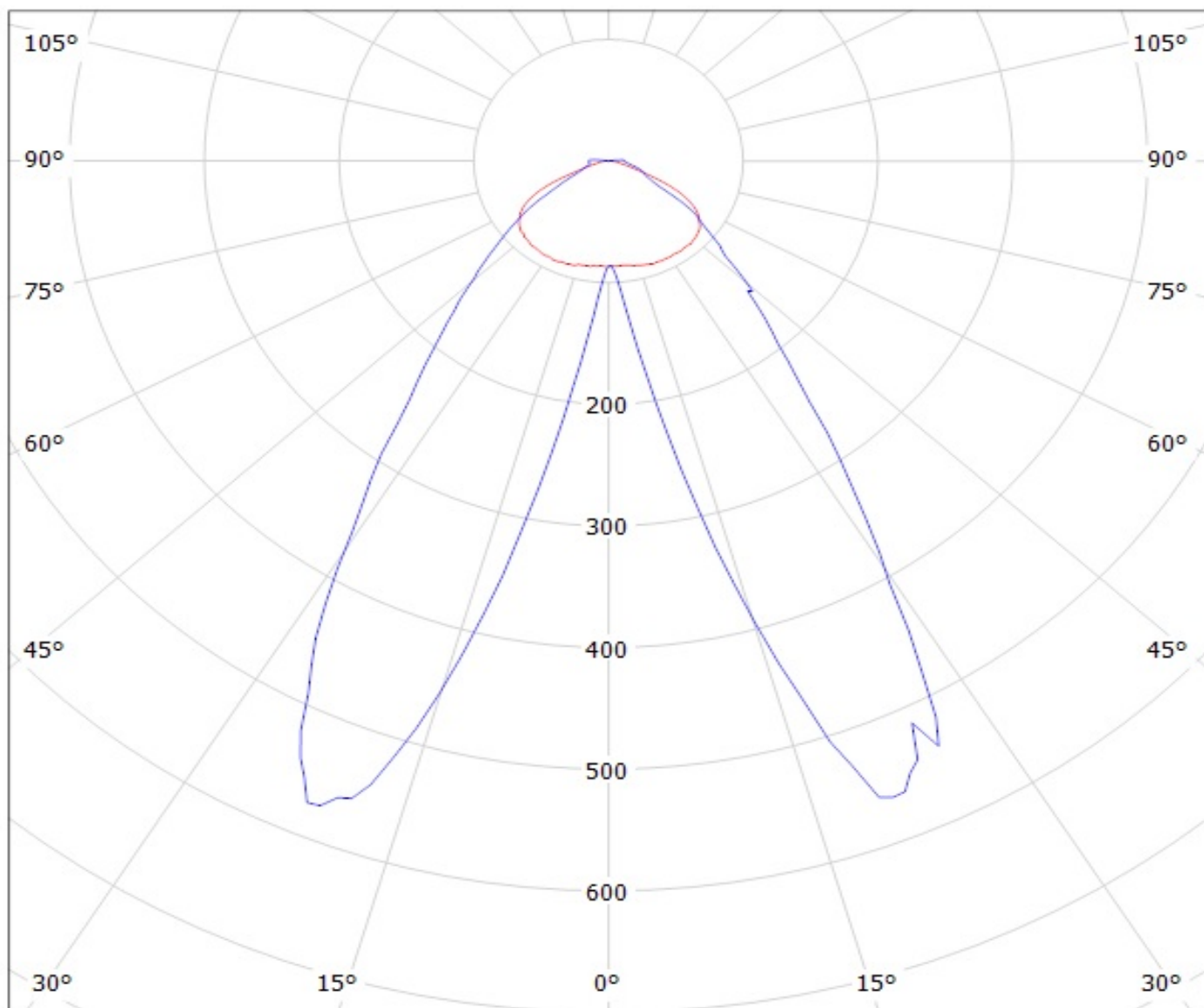


cd/klm

— C0 - C180

— C90 - C270

Luminaire: LEDiL Oy F14170_FLORENCE-ZT25_(DURIS_E5) Eff. 94%
Lamps: 1 x Osram_DURIS_E5_570lm@120mA_P=3.69459W_I=120.2mA

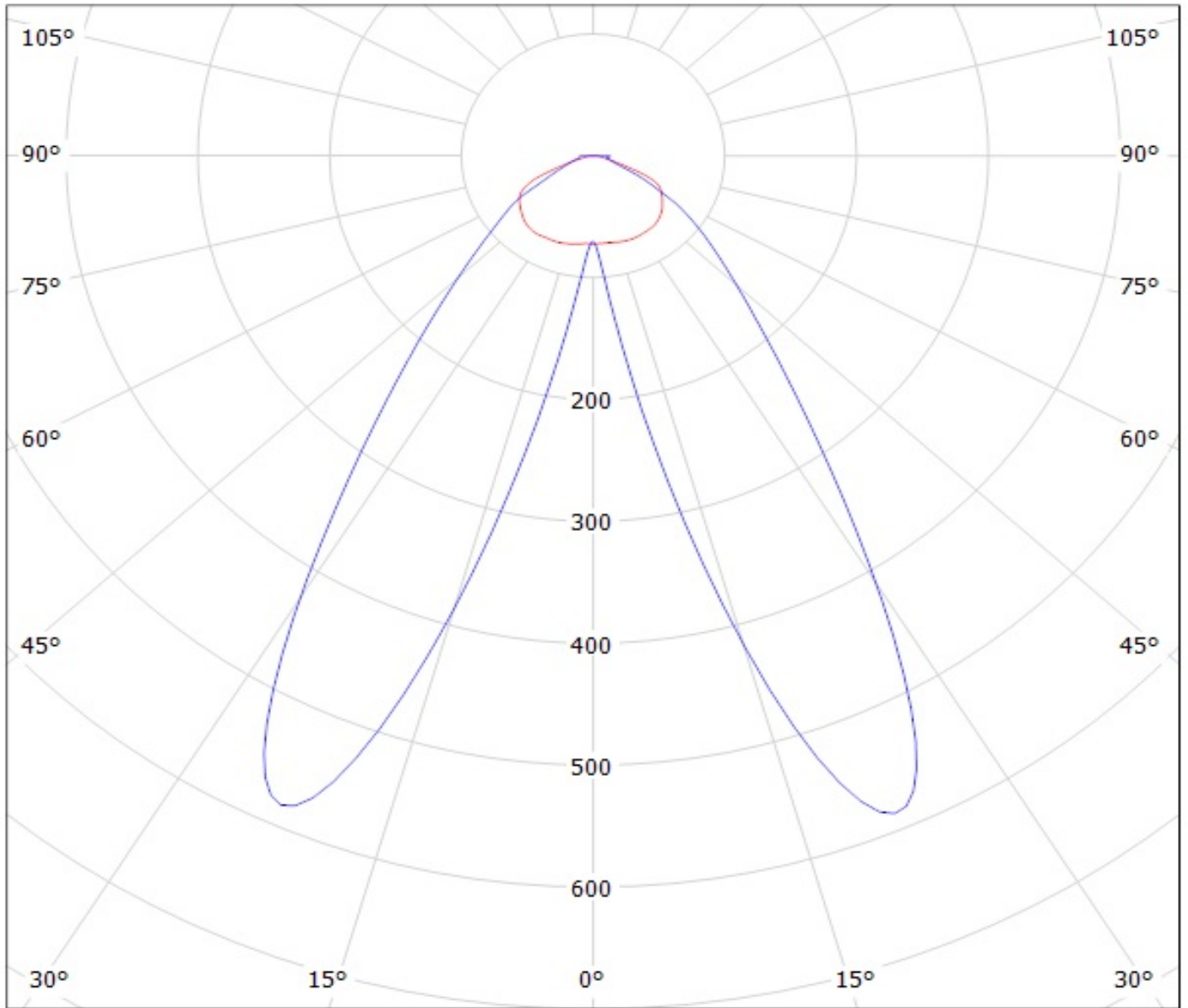


cd/klm

— C0 - C180

— C90 - C270

Luminaire: LEDiL Oy F14170_FLORENCE-ZT25_(LM561B) Eff: 94%
Lamps: 1 x Samsung_LM561B_695.232lm@150mA_P=4.6194W_I=0.15A

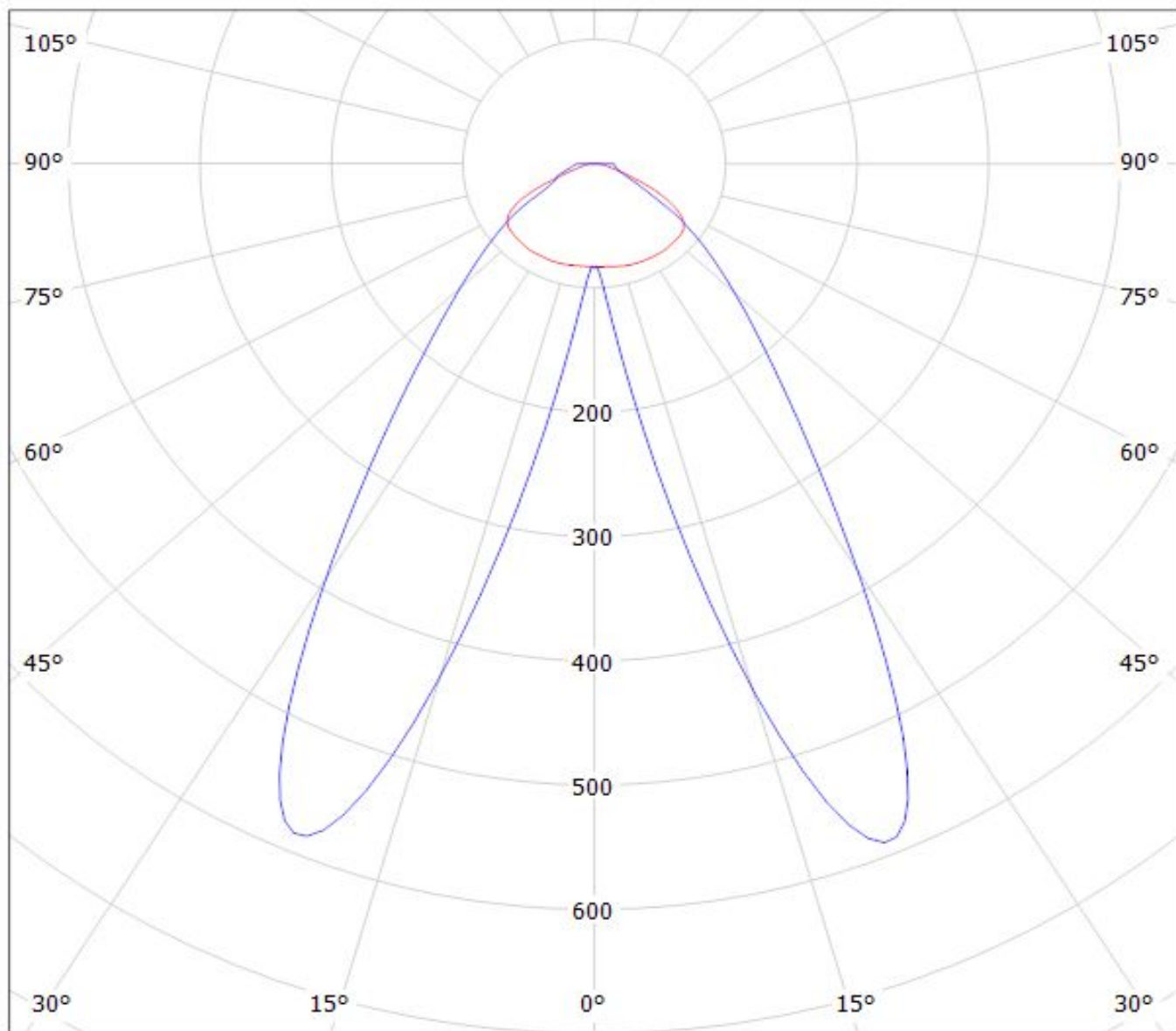


cd/klm

— C0 - C180 — C90 - C270

Luminaire: LEDiL Oy F14170_FLORENCE-ZT25_(LG_5630)

Lamps: 1 x FLORENCE_FORTIMO_(LG_5630)_1000.68lm@250mA P=8.35483W I=250.7mA



cd/klm

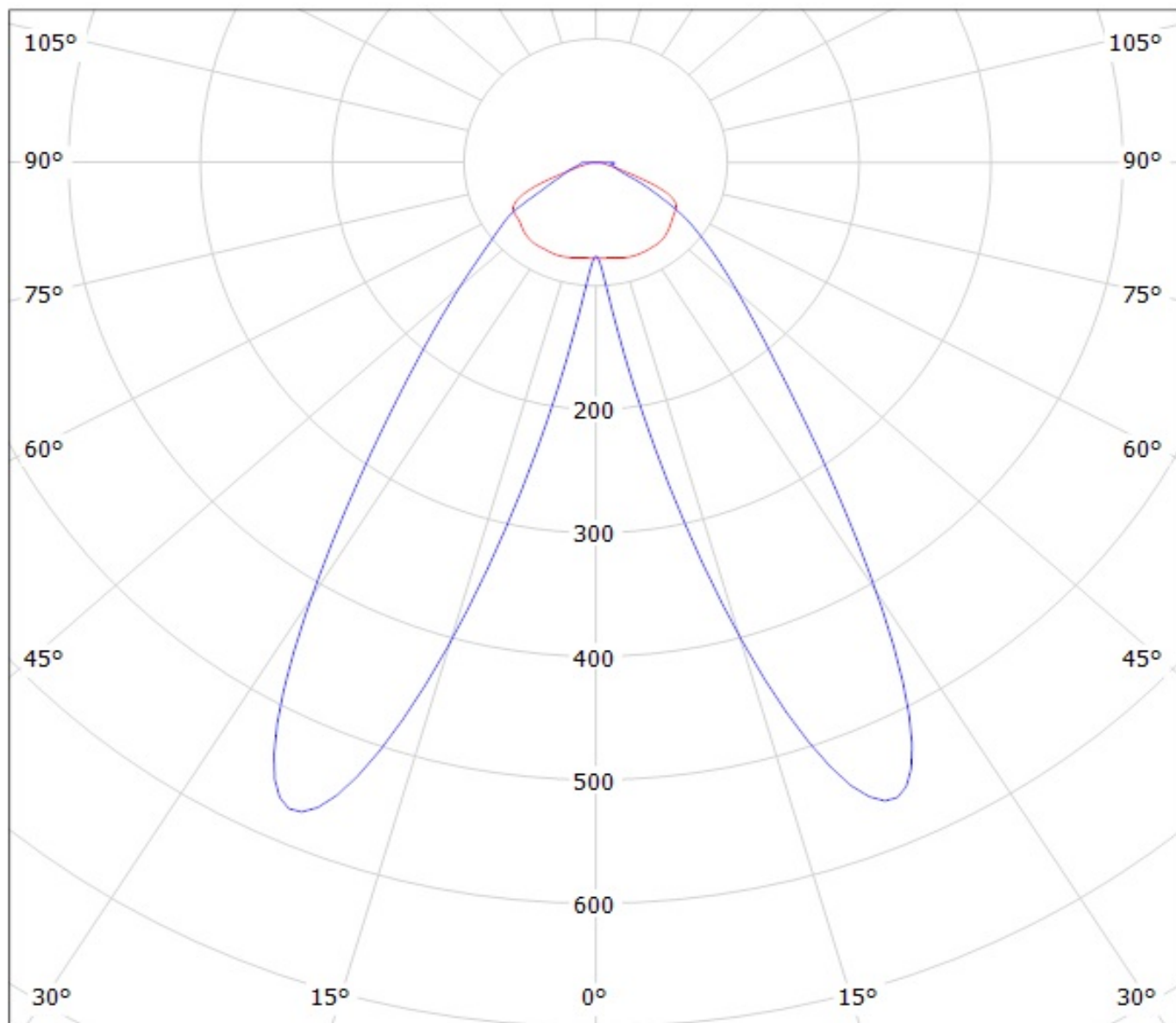
$\eta = 96\%$

— C0 - C180

— C90 - C270

Luminaire: LEDiL Oy F14170_FLORENCE-ZT25_(NT2x757D) Eff: 94%

Lamps: 1 x Nichia_NT2x757D_(NT2W757DRT)_1465.4lm@150mA_P=9.3849W_I=0.15A



cd/klm

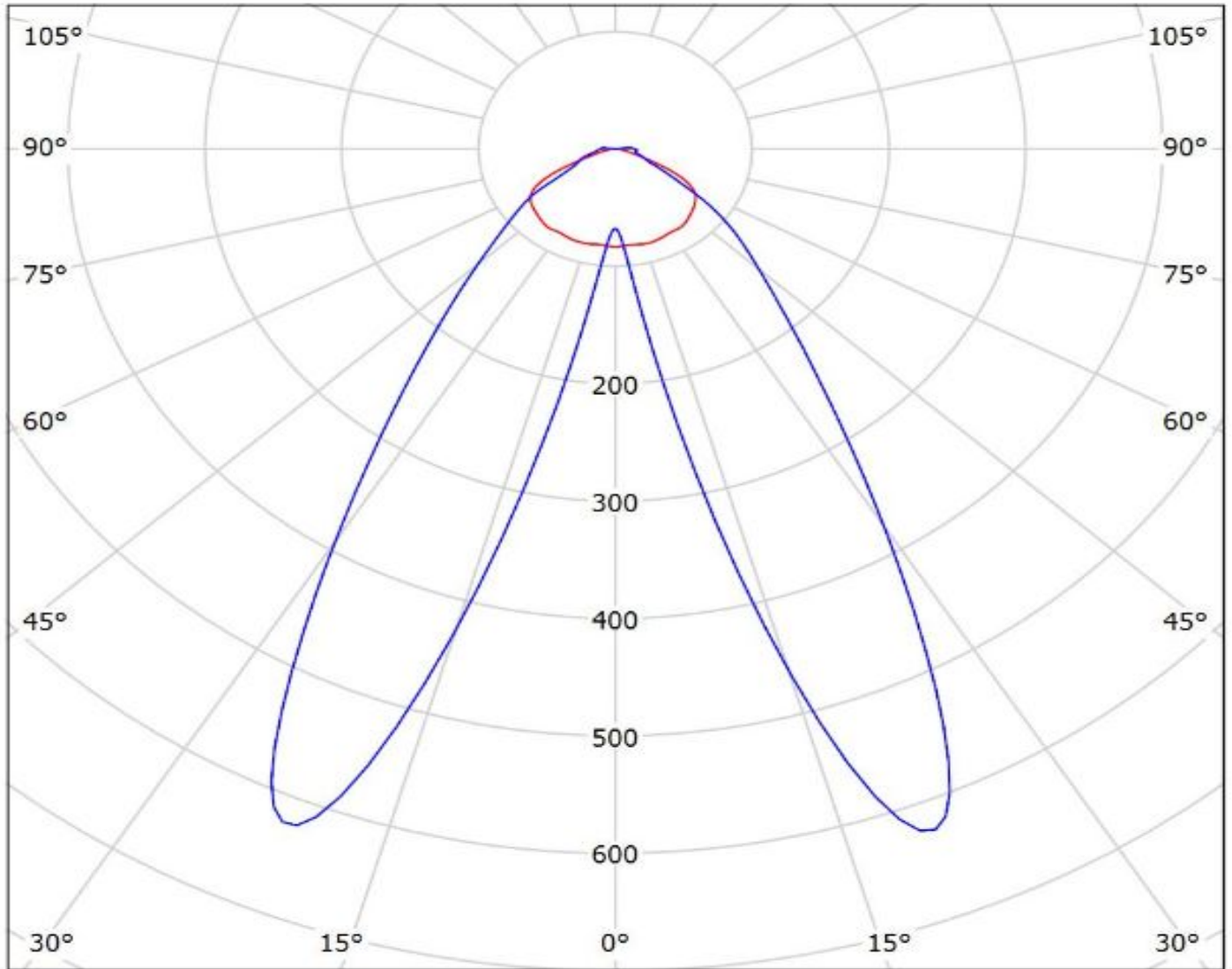
— C0 - C180

— C90 - C270

Ledil F14170_FLORENCE-ZT25_(MP-2016) / LDC (Polar)

Luminaire: Ledil F14170_FLORENCE-ZT25_(MP-2016)

Lamps: 1 x Luminus_MP-2016_x22_(LUMMP-1100-30-80)_715.864lm@180mA_P=6W_I=0.18A



cd/klm

— C0 - C180

— C90 - C270

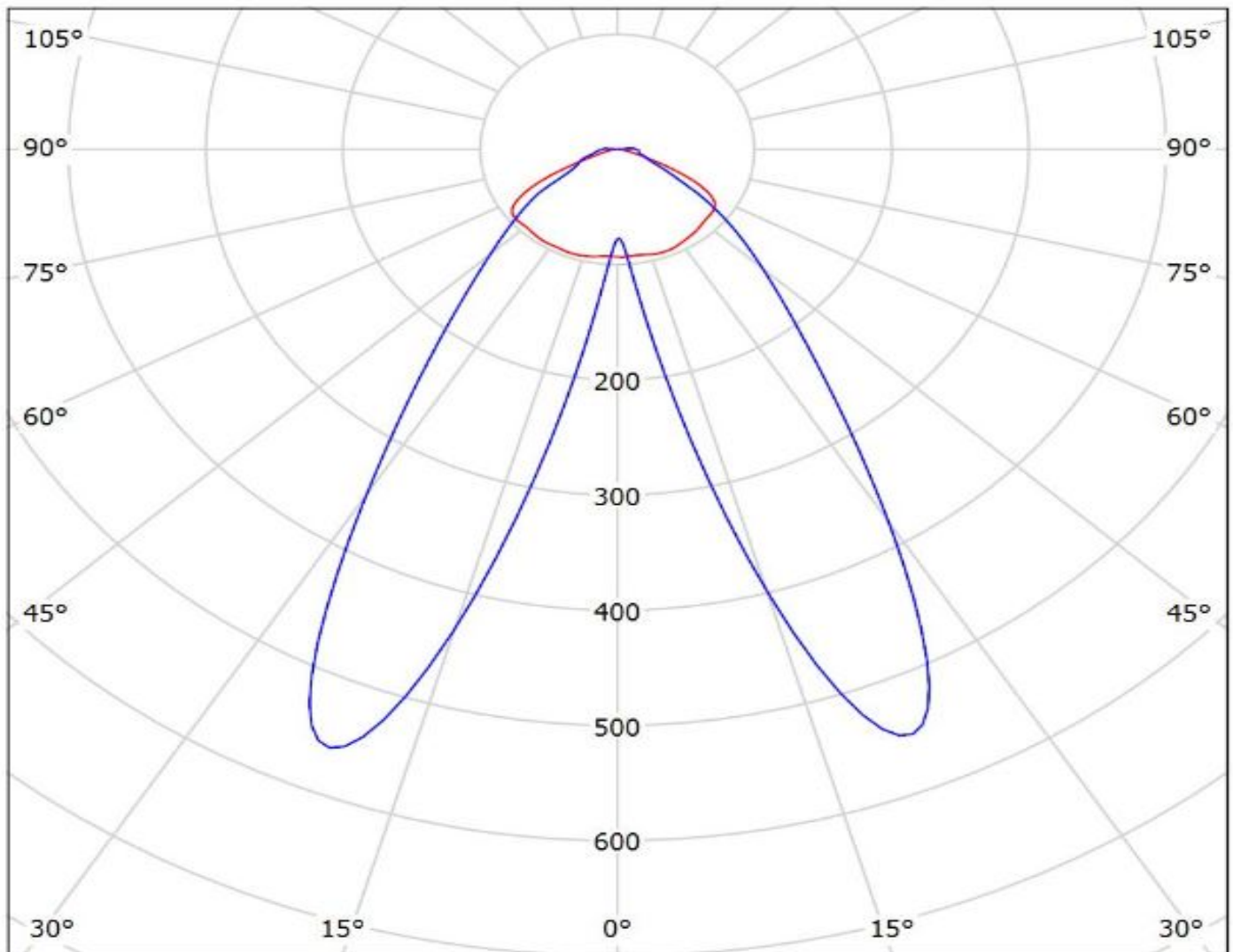
$\eta = 95\%$

Ledil F14170_FLORENCE-ZT25_(Luxeon_3030_2D) / LDC (Polar)

Luminaire: Ledil F14170_FLORENCE-ZT25_(Luxeon_3030_2D)

Lamps: 1 x Luxeon_3030_2D_3x11_(L130-4080003000W21)

_1601.44lm@300mA_CCT=4000K_P=12.8W_I=0.3A



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.