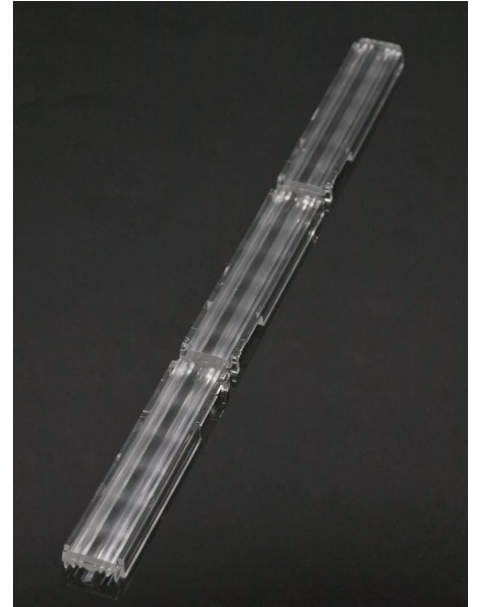


## DETAILS

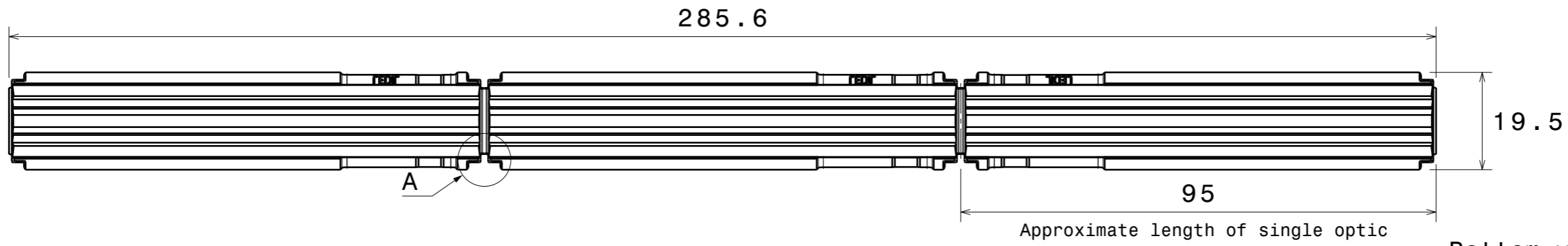
<b>Product Number</b>	C14454_FLORENCE-1R-O
<b>Family</b>	Florence
<b>Type</b>	Lens
<b>Color</b>	clear
<b>Diameter</b>	285,6x19,5 mm
<b>Height</b>	7 mm
<b>Style</b>	rectang
<b>Optic Material</b>	PMMA
<b>Holder Material</b>	
<b>Fastening</b>	clips, glue
<b>Status</b>	production ready
<b>ROHS Compliant</b>	Yes
<b>Date Updated</b>	20/05/2015



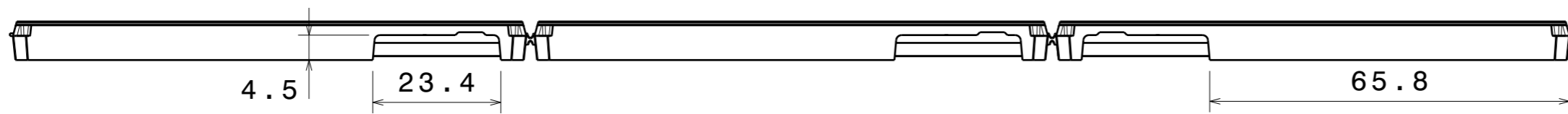
## OPTICAL PROPERTIES

LED	Viewing	Light	Efficiency	cd/lm	Connector
	Angle	Beam			
L0-280024-xxx-C0800-L267	92+35 deg	Oval	91 %	0.780	-
LUXEON 3030 2D	93+34 deg	Oval	91 %	0.890	-
LUXEON 3535L	93+35 deg	Oval	93 %	0.850	-
LUXEON 3014	98+33 deg	Oval	93 %	1.030	-
LUXEON 3020	95+31 deg	Oval	93 %	1.060	-
MP-2016	94+31 deg	Oval	92 %	1.100	-
NF2x757D	93+34 deg	Oval	94 %	0.820	-
NF2x757G	92+35 deg	Oval	90 %	0.870	-
Duris S5 (2 chip)	92+33 deg	Oval	91 %	0.850	-
Duris E 2835	sim: 92+30	Oval	sim: 94 %	sim: 0.950	-
Fortimo LED Line 1ft 1100lm xx0 1R xV2846	92+32 deg	Oval	94 %	0.900	-
LM302A	92+34 deg	Oval	92 %	0.880	-
LT-S282N	95+32 deg	Oval	93 %	0.910	-
LM301A	93+32 deg	Oval	92 %	0.975	-
LM561C	94+32 deg	Oval	93 %	0.930	-
LM28xB Series	94+34 deg	Oval	93 %	0.880	-
SEOUL 3030	91+35 deg	Oval	90 %	0.860	-

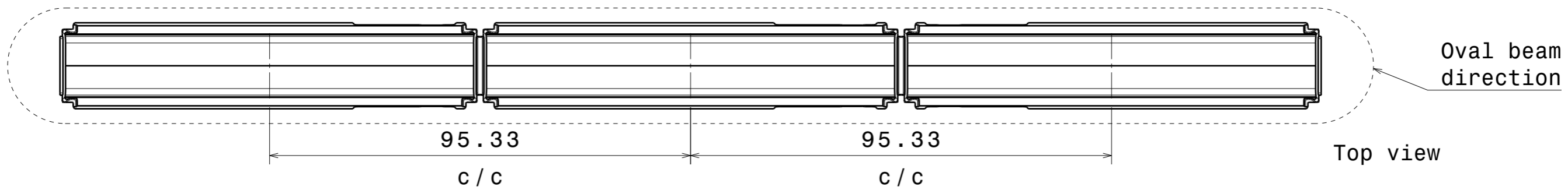
H G F E D C B A



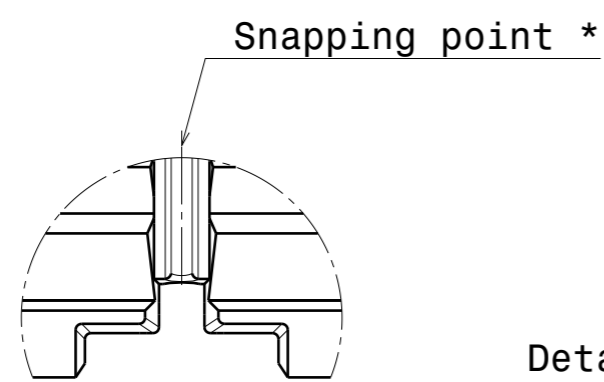
Bottom view



Left view

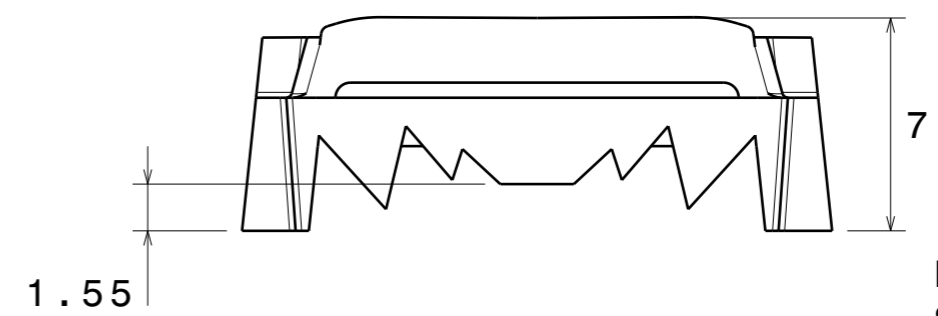


Top view


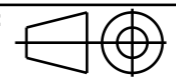


Detail A  
Scale 4:1

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



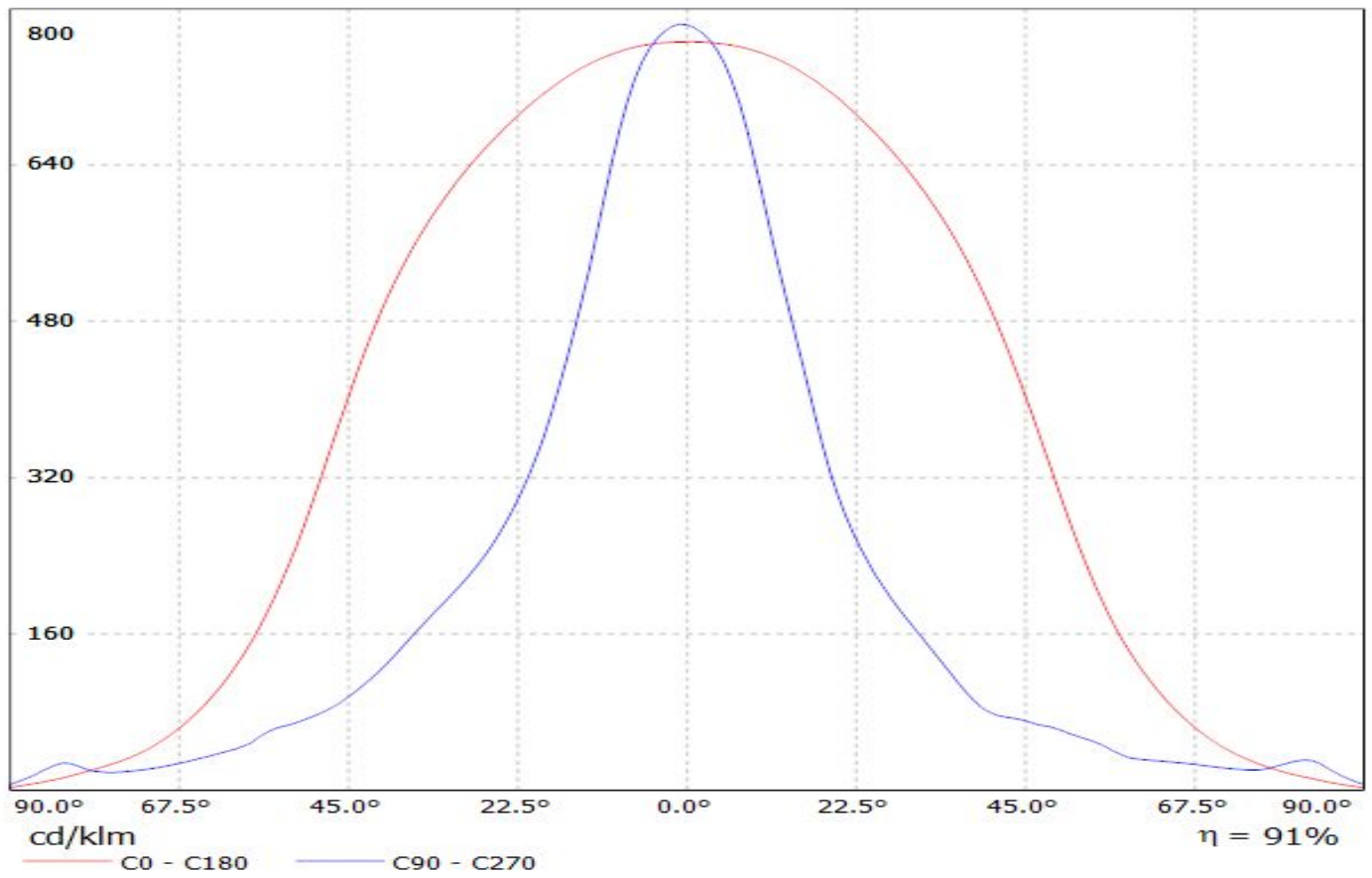
Front view  
Scale 4:1

<small>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</small>		 Ledil Oy Salorankatu 10 FIN 24240 SALO Finland	
THIRD ANGLE PROJECTION: 		DRAWING TITLE <b>Datasheet FLORENCE-1R-0</b>	
SIZE <b>A3</b>	PART NUMBER <b>C14454</b>		
SCALE 1:1			SHEET 1/1

H G B A

Luminaire: Ledil F14454\_FLORENCE-1R-O\_(CeZos)

Lamps: 1 x CeZos\_(L0-280024-xxx-C0800-L267)\_1346.29lm@250mA\_CCT=3000K\_P=8.5017W\_I=0.25A

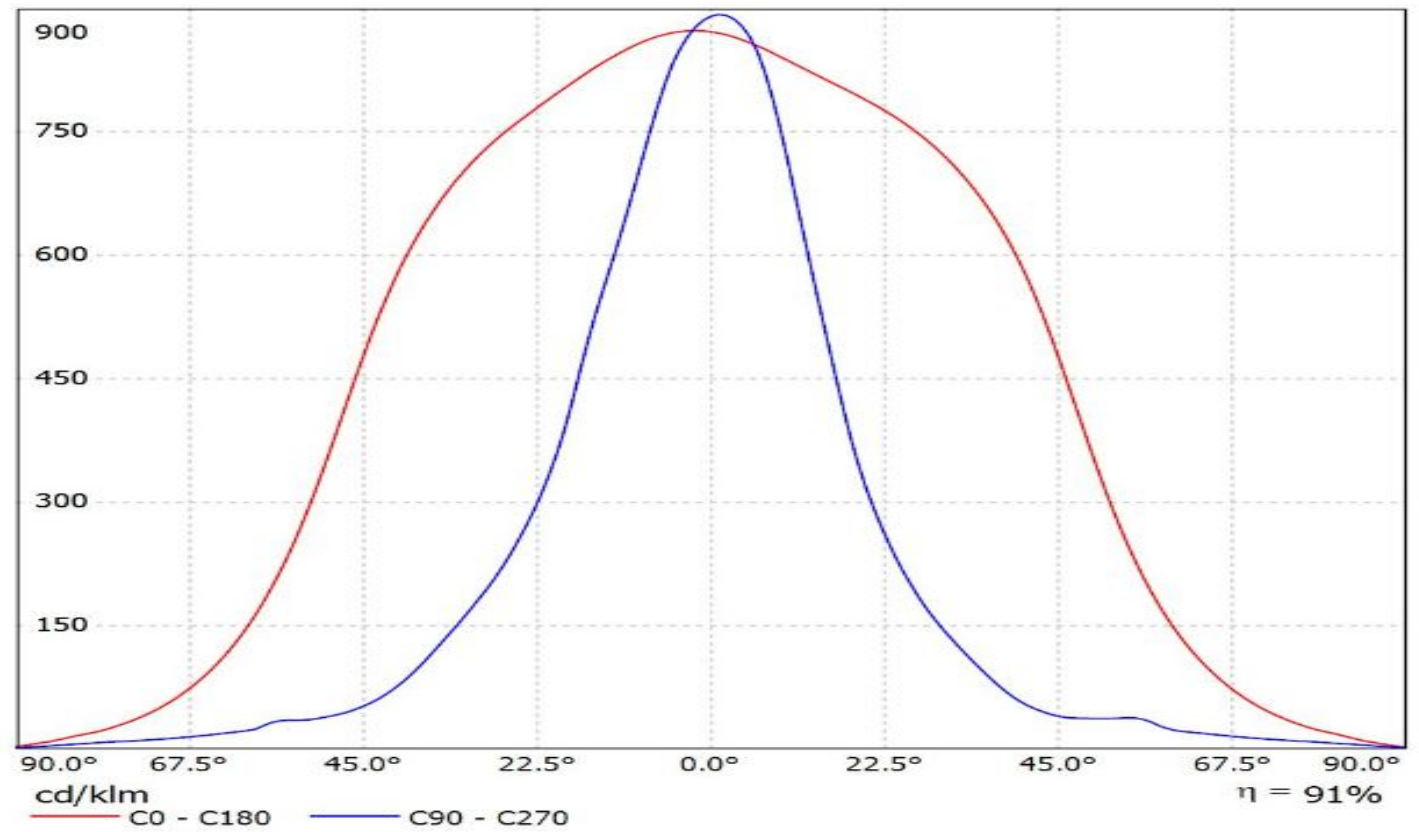


# Ledil C14454\_FLORENCE-1R-O\_(Luxeon\_3030\_2D) / LDC (Linear)

Luminaire: Ledil C14454\_FLORENCE-1R-O\_(Luxeon\_3030\_2D)

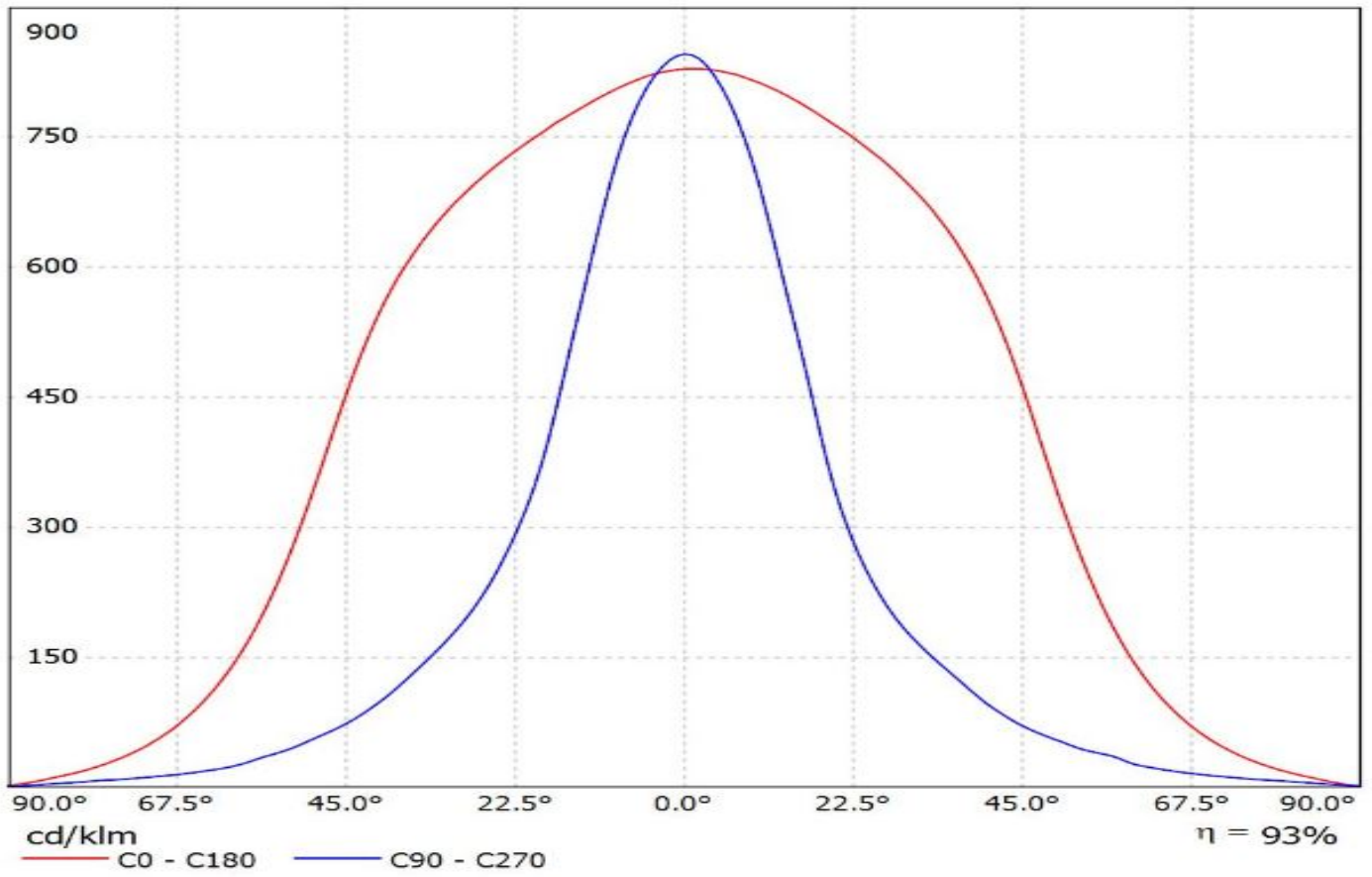
Lamps: 1 x Luxeon\_3030\_2D\_x22\_(L130-4080003000W21)

\_1601.44lm@200mA\_CCT=4000K\_P=12.8W\_I=0.2A



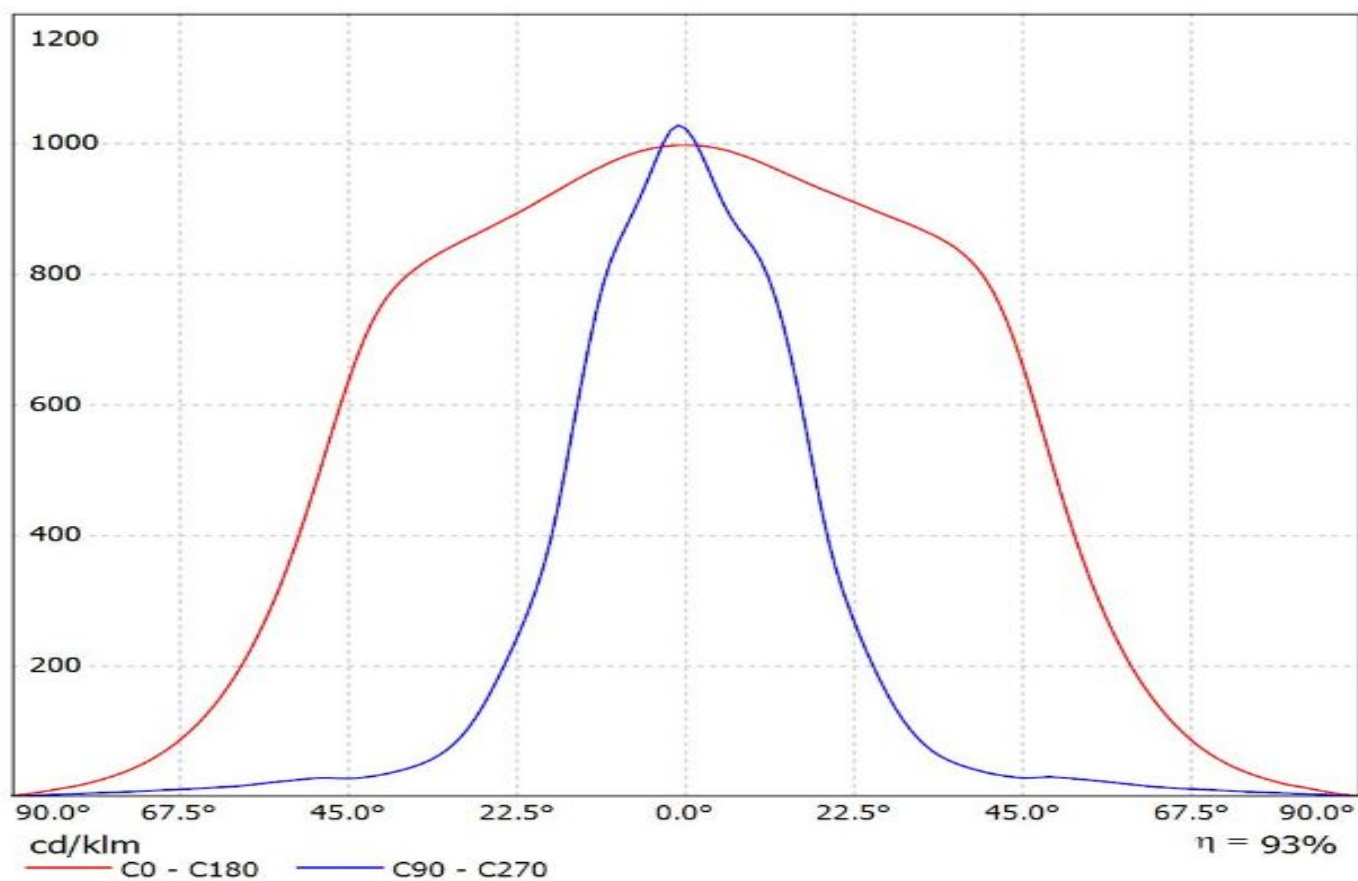
Luminaire: Ledil F14454\_FLORENCE-1R-O\_(3535L\_x22)

Lamps: 1 x Luxeon\_3535L\_x22\_(MXA8-PW50)\_507.681lm@100mA\_P=2.9953W\_I=0.100mA



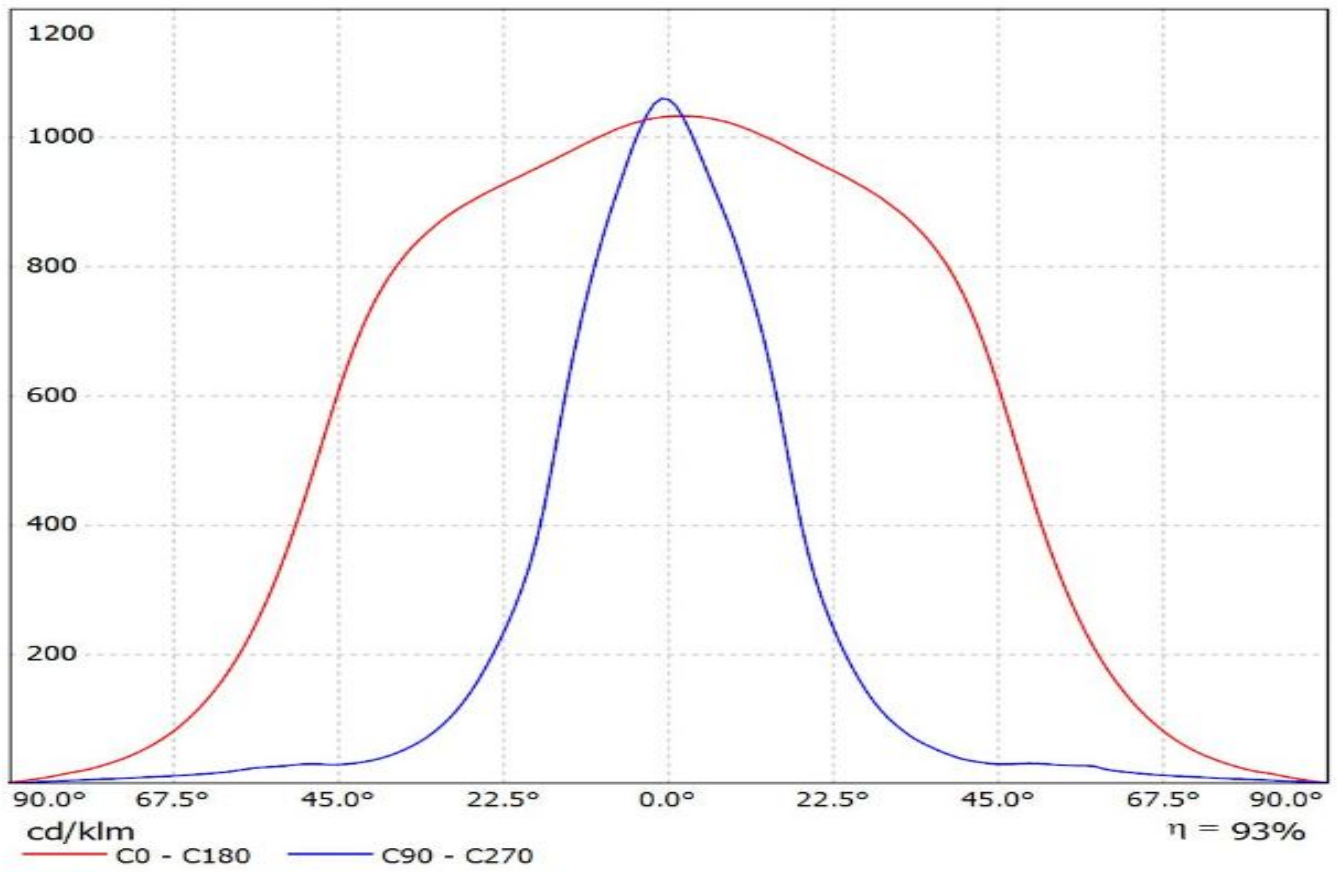
Luminaire: Ledil F14454\_FLORENCE-1R-O\_(3014\_x22)

Lamps: 1 x Luxeon\_3014\_x22\_(L130-5080)\_283.511lm@60mA\_P=1.9087W\_I=0.060mA



Luminaire: Ledil F14454\_FLORENCE-1R-O\_(3020)

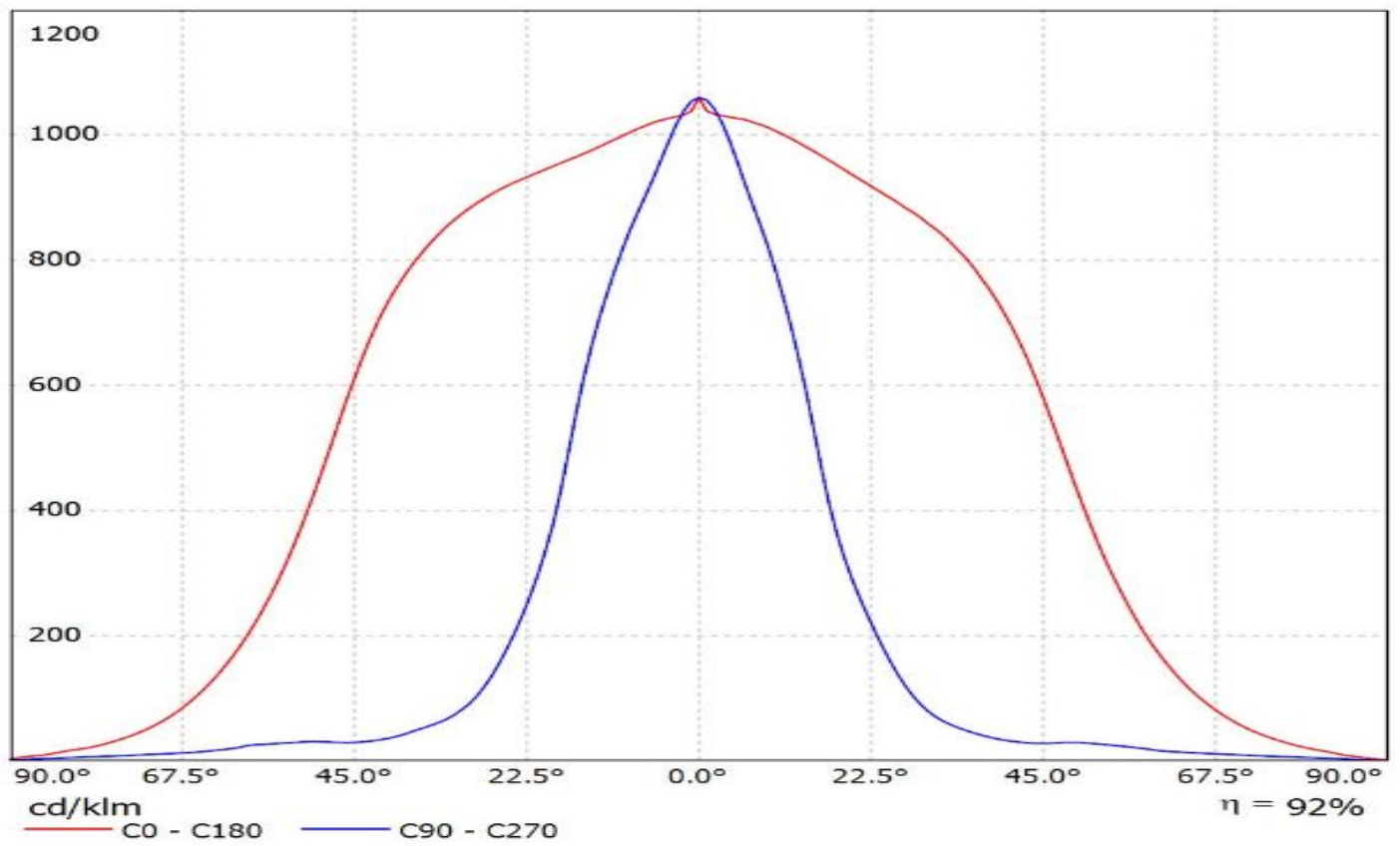
Lamps: 1 x Luxeon\_3020\_x22\_(L130-2780)\_488.066lm@120mA\_P=3.7731W\_I=0.120mA



# Ledil C14454\_FLORENCE-1R-O\_(Luminus\_MP-2016) / LDC (Linear)

Luminaire: Ledil C14454\_FLORENCE-1R-O\_(Luminus\_MP-2016)

Lamps: 1 x Luminus\_MP-2016\_1x22\_(LUMMP-1100-30-80)\_471.904lm@120mA\_P=4W\_I=0.12A

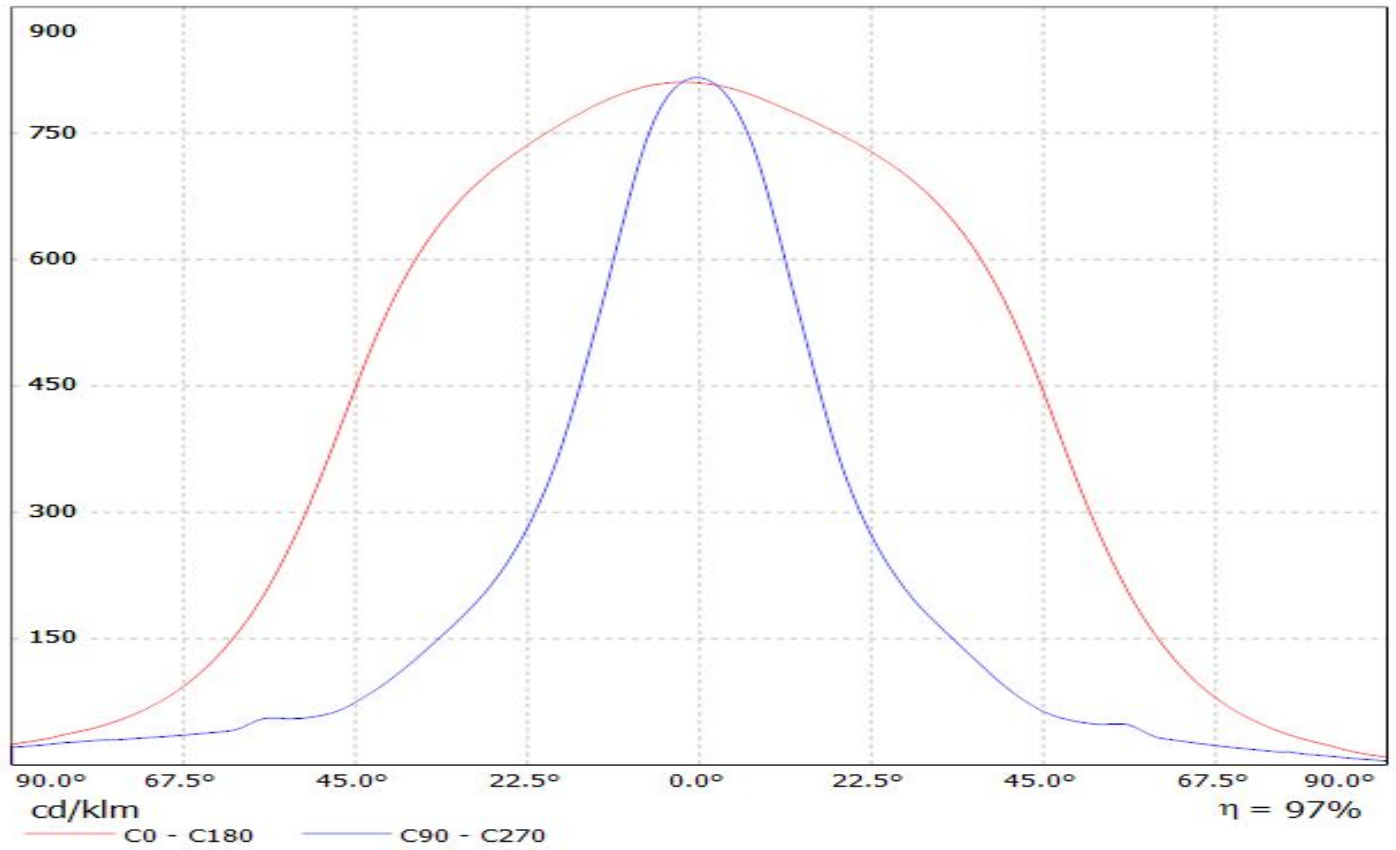




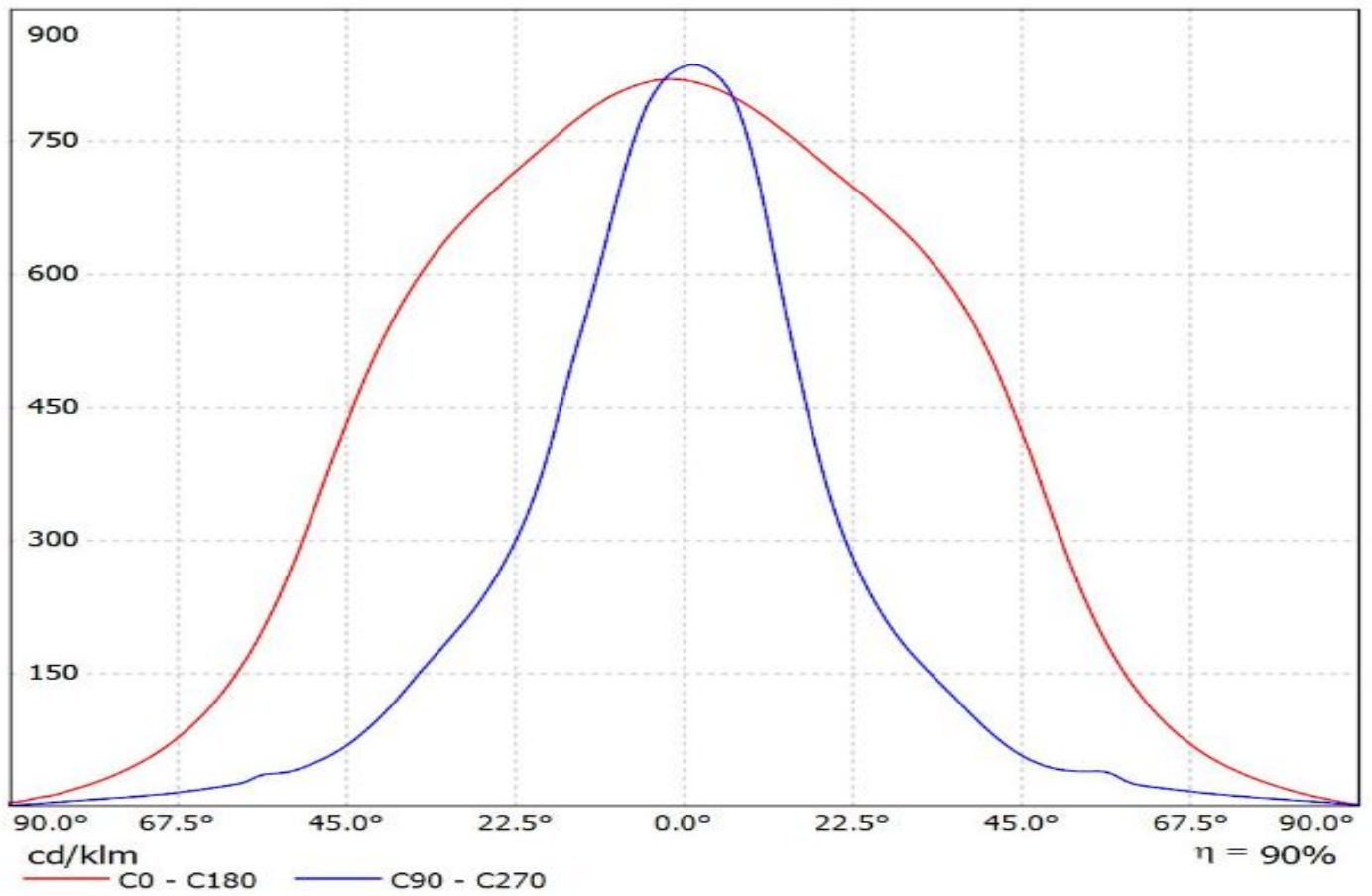
# Ledil C14454\_FLORENCE-1R-O\_(NF2x757D) / LDC (Linear)

Luminaire: Ledil C14454\_FLORENCE-1R-O\_(NF2x757D)

Lamps: 1 x Nichia\_NF2x757D\_2chip\_x22\_2038.99lm@200mA\_P=12W\_I=199.9mA

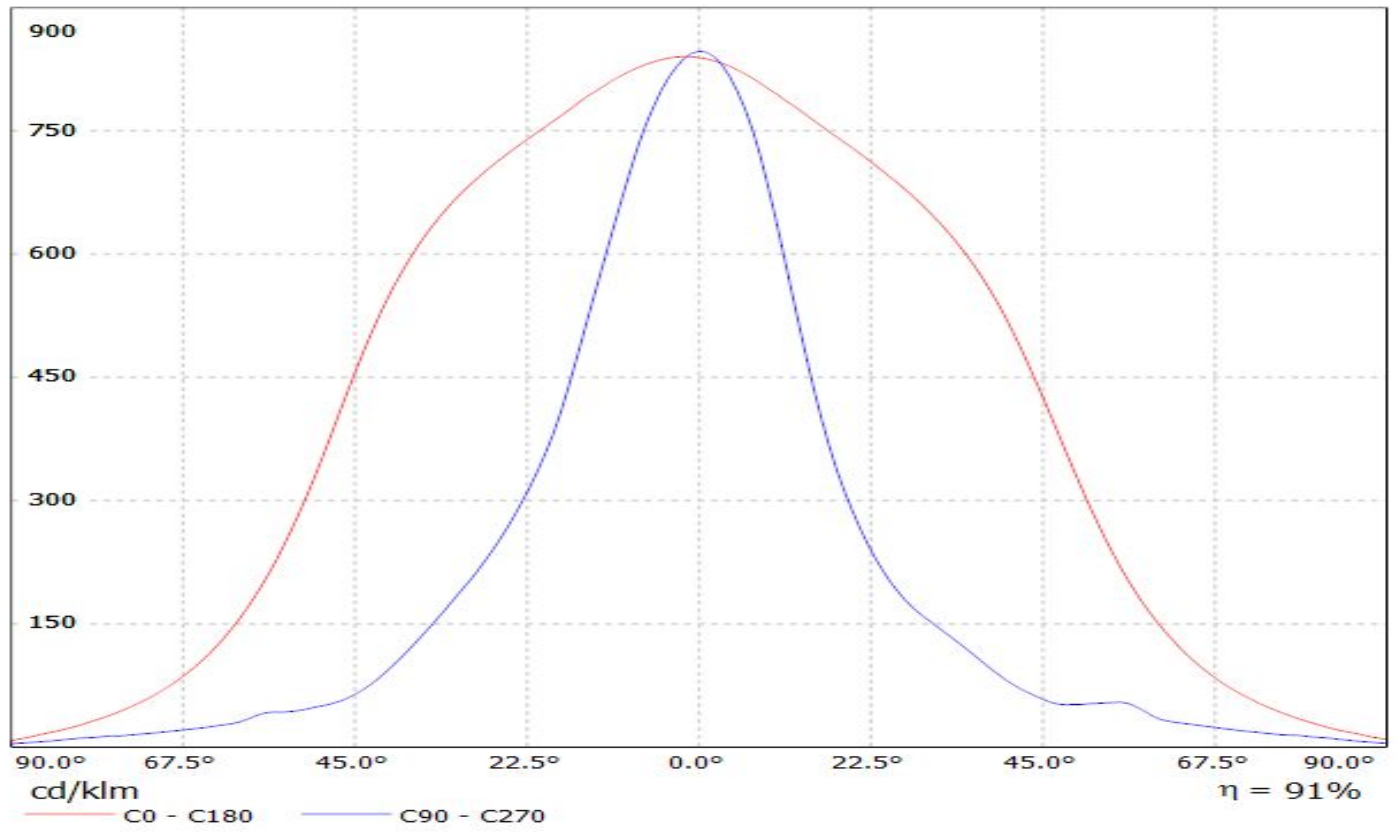


Luminaire: Ledil F14454\_FLORENCE-1R-O\_(NF2W757G)  
Lamps: 1 x NF2W757G\_378.284lm@65mA\_CCT=?K\_P=1.97W\_I=0.065A

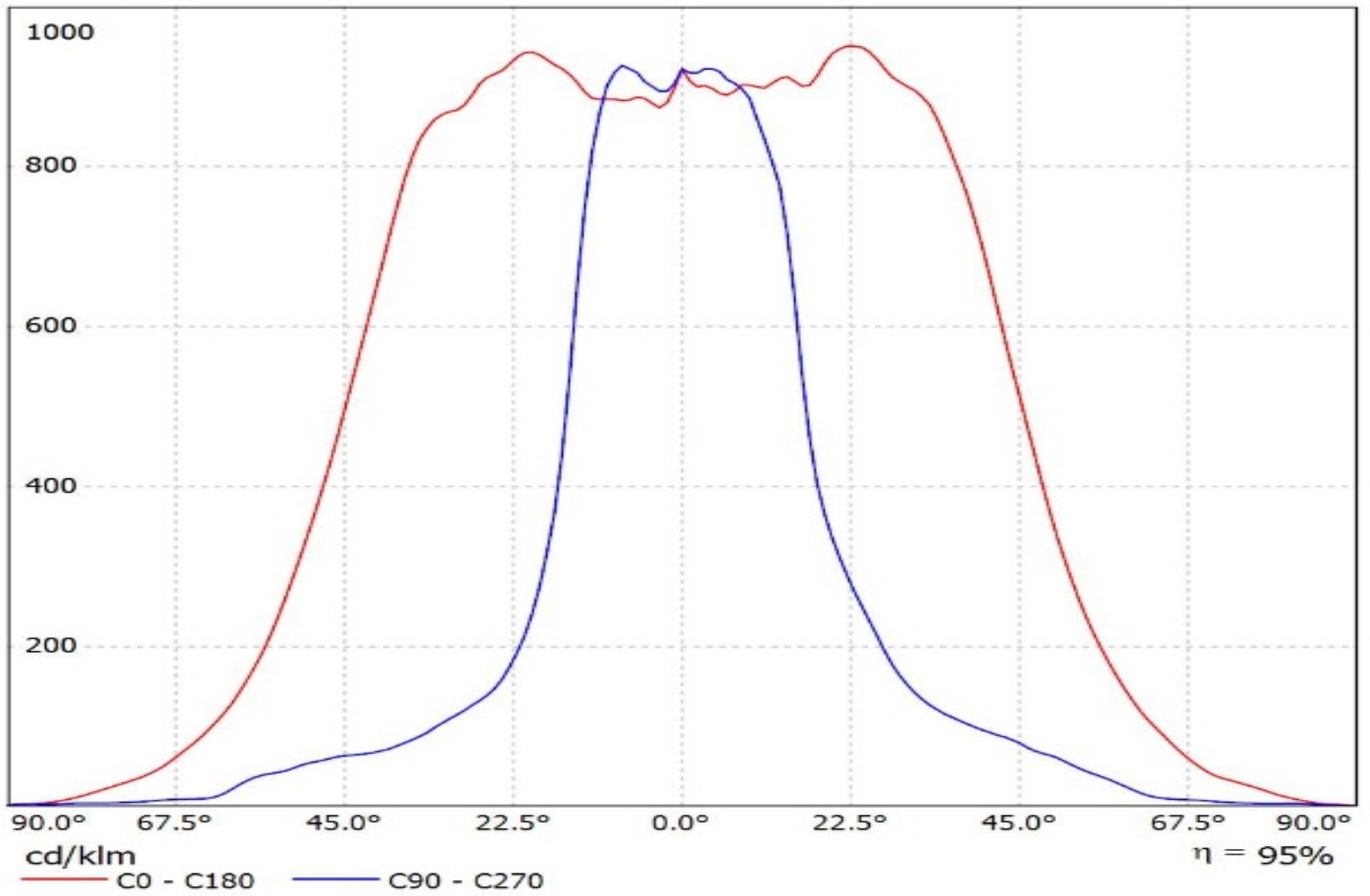


# Ledil C14454\_FLORENCE-1R-O\_(Duris\_S5) / LDC (Linear)

Luminaire: Ledil C14454\_FLORENCE-1R-O\_(Duris\_S5)  
Lamps: 1 x Osram\_Duris\_S5\_x11\_(GW\_PSLRS1.EC-LQLS-5H7I-1)  
\_1016.86lm@100mA\_P=8W\_I=0.1000A



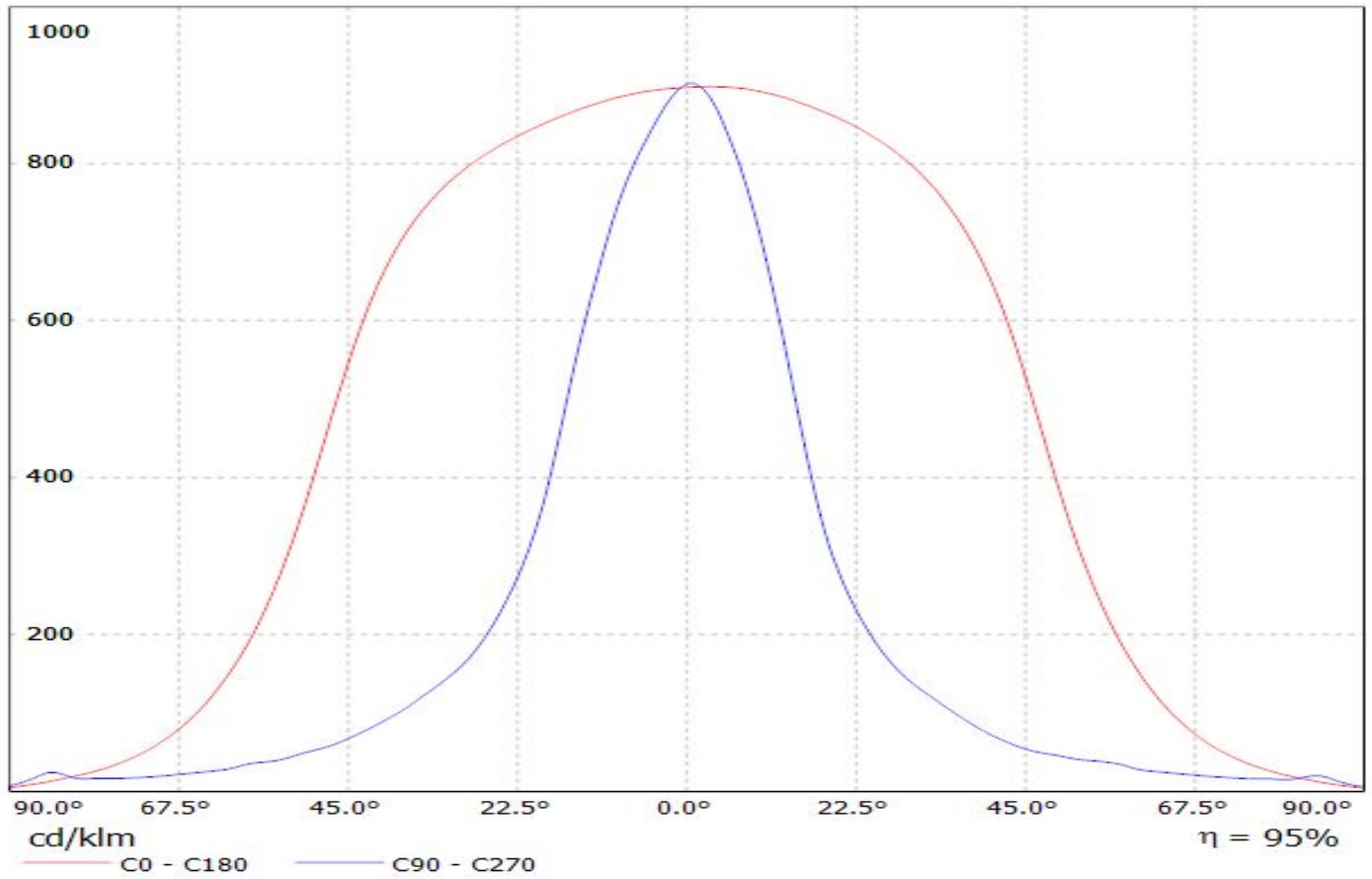
Luminaire: Ledil Oy C14454\_FLORENCE-1R-O\_(Duris\_E\_2835)\_SIMULATED  
Lamps: 1 x Osram Duris E 2835 - GW JTLRS1.EM



Luminaire: LEDiL Oy C14454\_FLORENCE-1R-O\_(Fortimo)

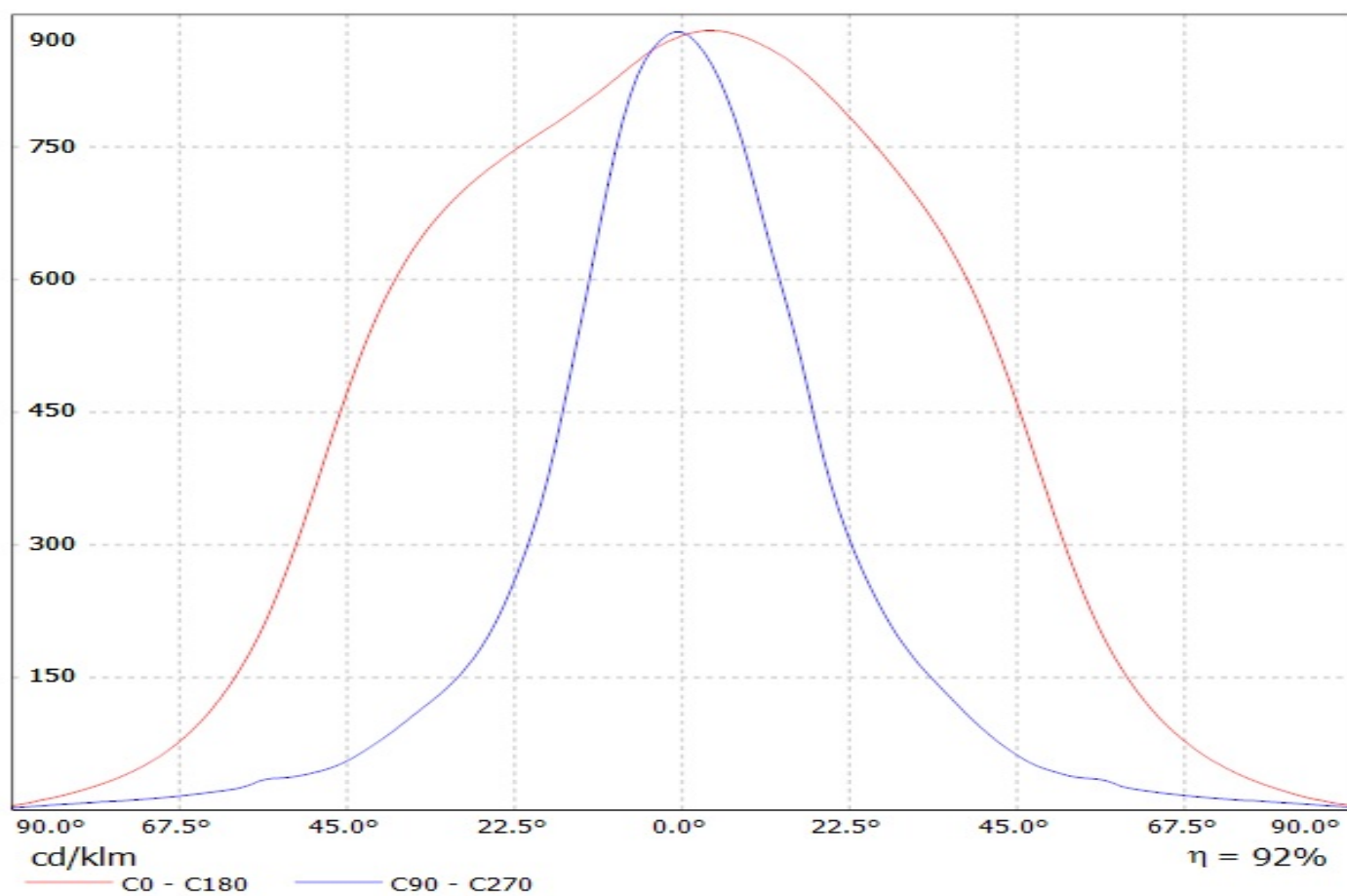
Lamps: 1 x

Philips\_Fortimo\_LED\_line\_1ft\_1100lm\_840\_1R\_LV2\_1067.99lm@250mA\_P=8.04281W\_I=0.2498mA



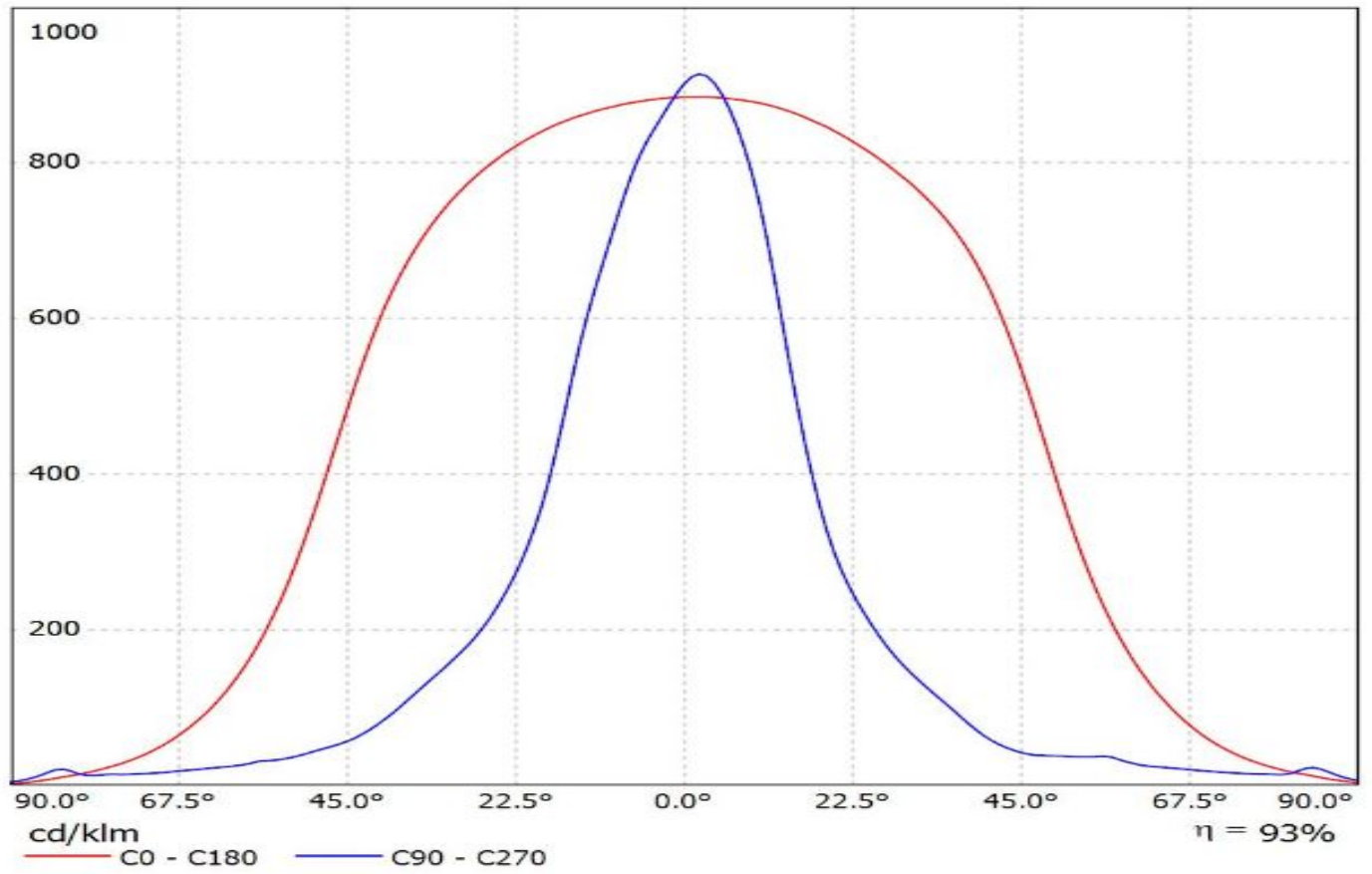
Luminaire: LEDiL Oy C14454\_FLORENCE-1R-O\_(LM302A)

Lamps: 1 x Samsung\_LM302A\_865.46lm@100mA\_P=6.64694W\_I=0.1001A



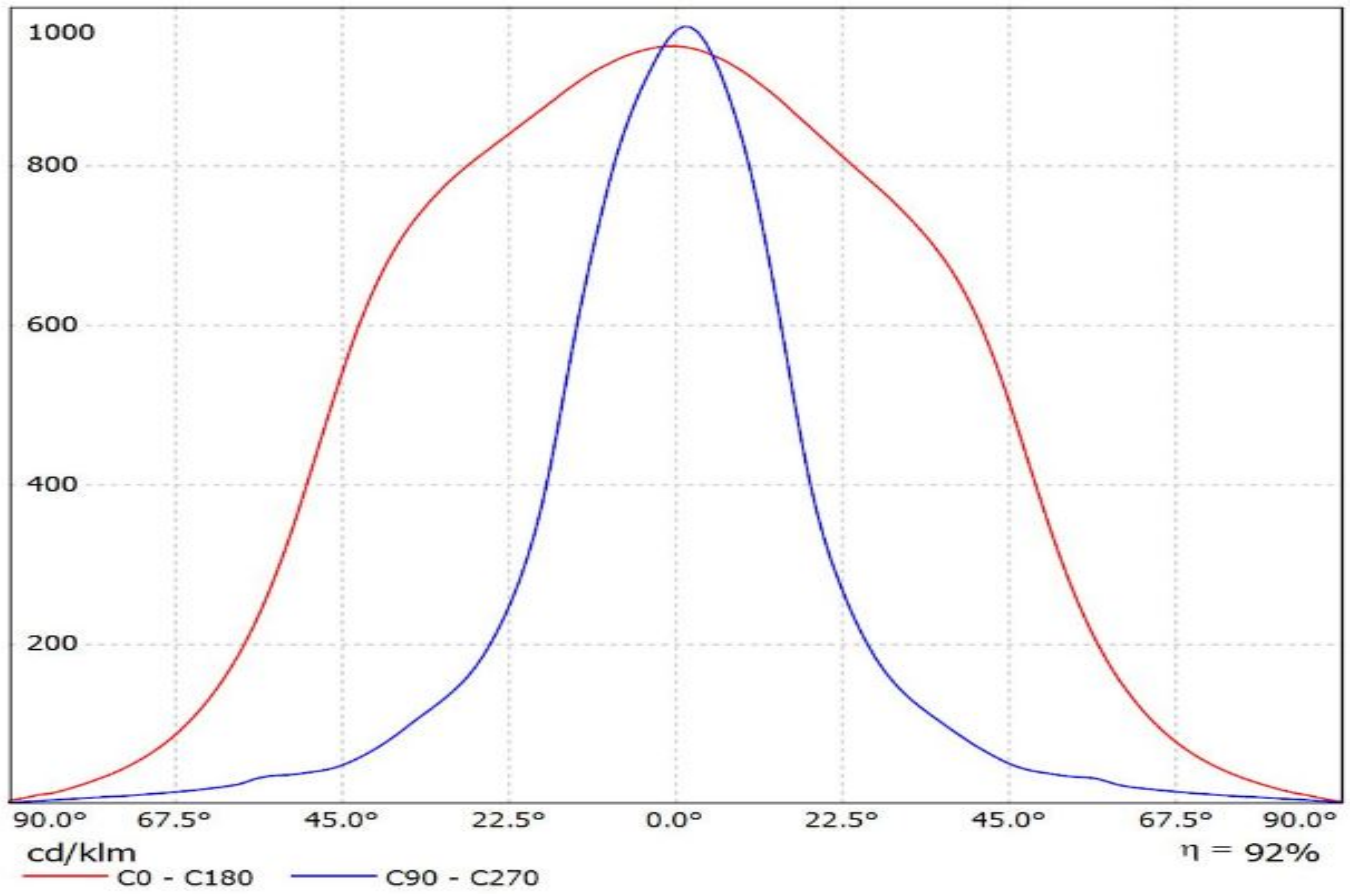
Luminaire: Ledil F14454\_FLORENCE-1R-O (LT-S282N)

Lamps: 1 x Samsung SI-B8T071280LD\_LM5618+\_1401.55lm@250mA\_P=9.185W\_I=0.25A



Luminaire: Ledil F14454\_FLORENCE-1R-O\_(LM301A)

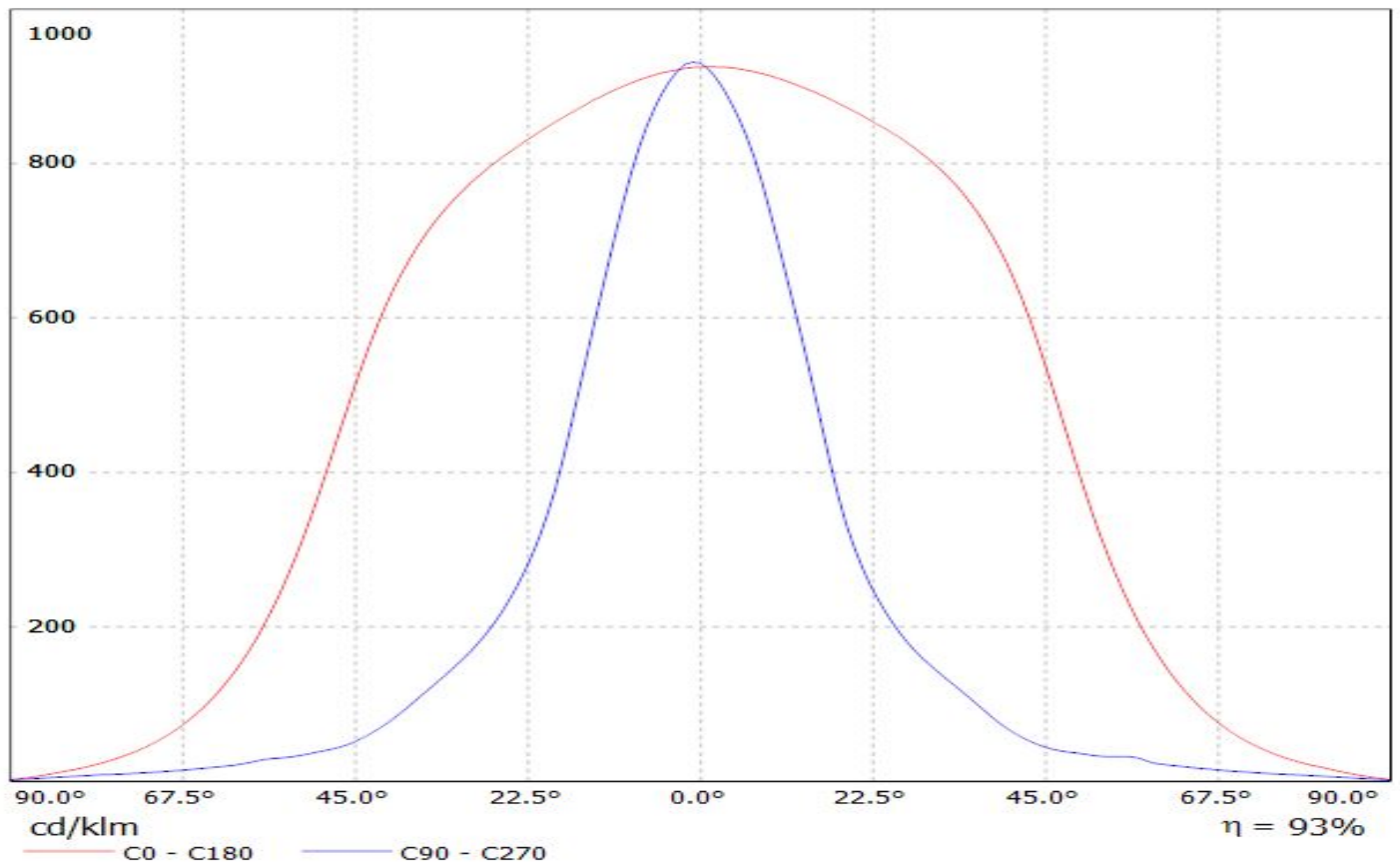
Lamps: 1 x Samsung\_LM301A\_x11\_(SPMWHT328FD5WAT0S0)\_1087.4lm@250mA\_P=8.1922W\_I=0.25A



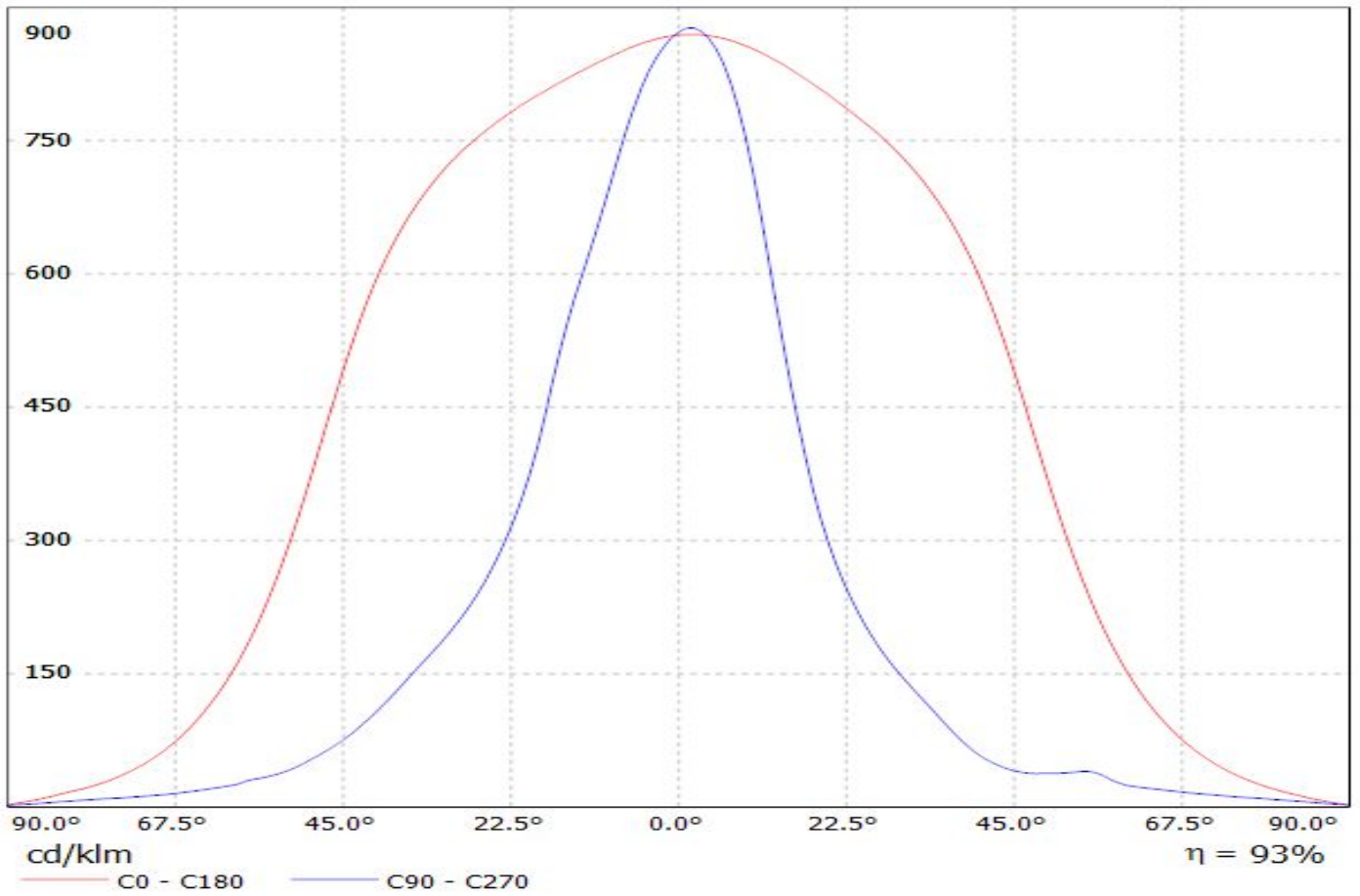


Luminaire: LEDiL Oy F14454\_FLORENCE-1R-O\_(LM561C)

Lamps: 1 x Samsung\_LM561C\_688.201lm@130mA\_P=3.9390W\_I=0.130A



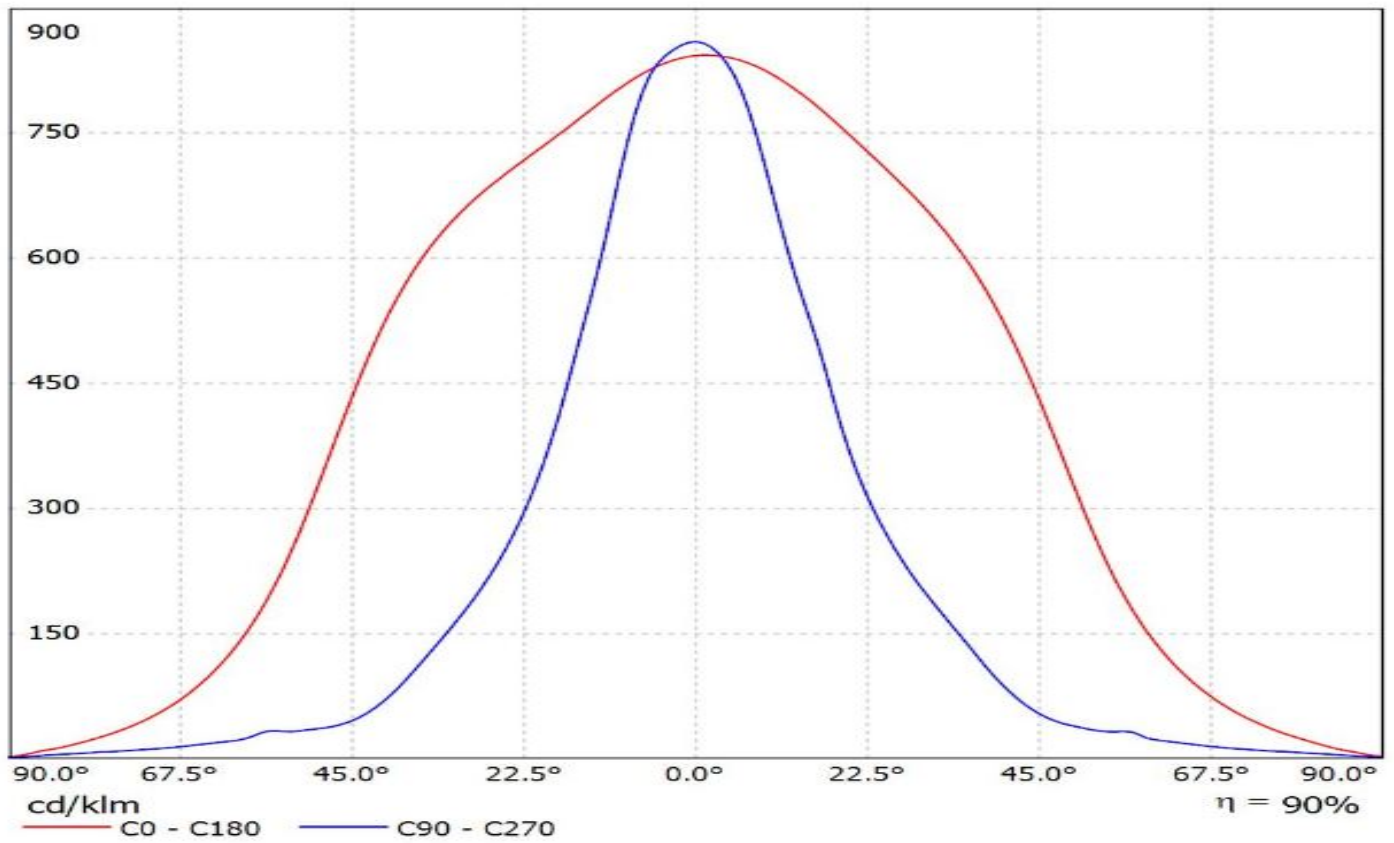
Luminaire: LEDiL Oy F14454\_FLORENCE-1R-O\_(LM281B)  
Lamps: 1 x Samsung\_LM281B\_1309.14lm@300mA\_P=10.244W\_I=0.300A



# Ledil C14454\_FLORENCE-1R-O\_(Seoul\_3030) / LDC (Linear)

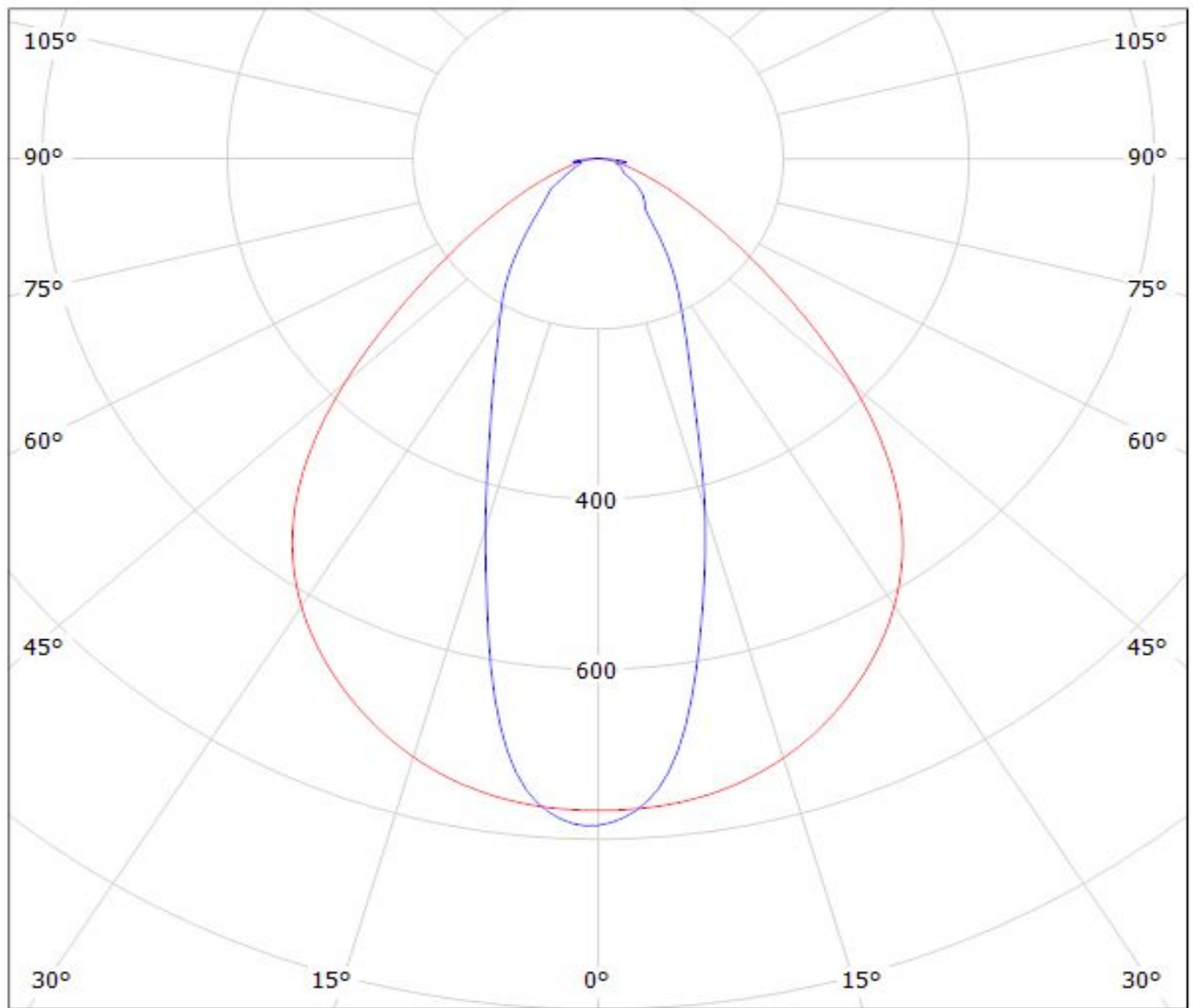
Luminaire: Ledil C14454\_FLORENCE-1R-O\_(Seoul\_3030)

Lamps: 1 x Seoul\_3030\_x11\_(STW8C2SA)\_788.659lm@100mA\_P=6.5W\_I=0.1A



Luminaire: Ledil F14454\_FLORENCE-1R-O\_(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

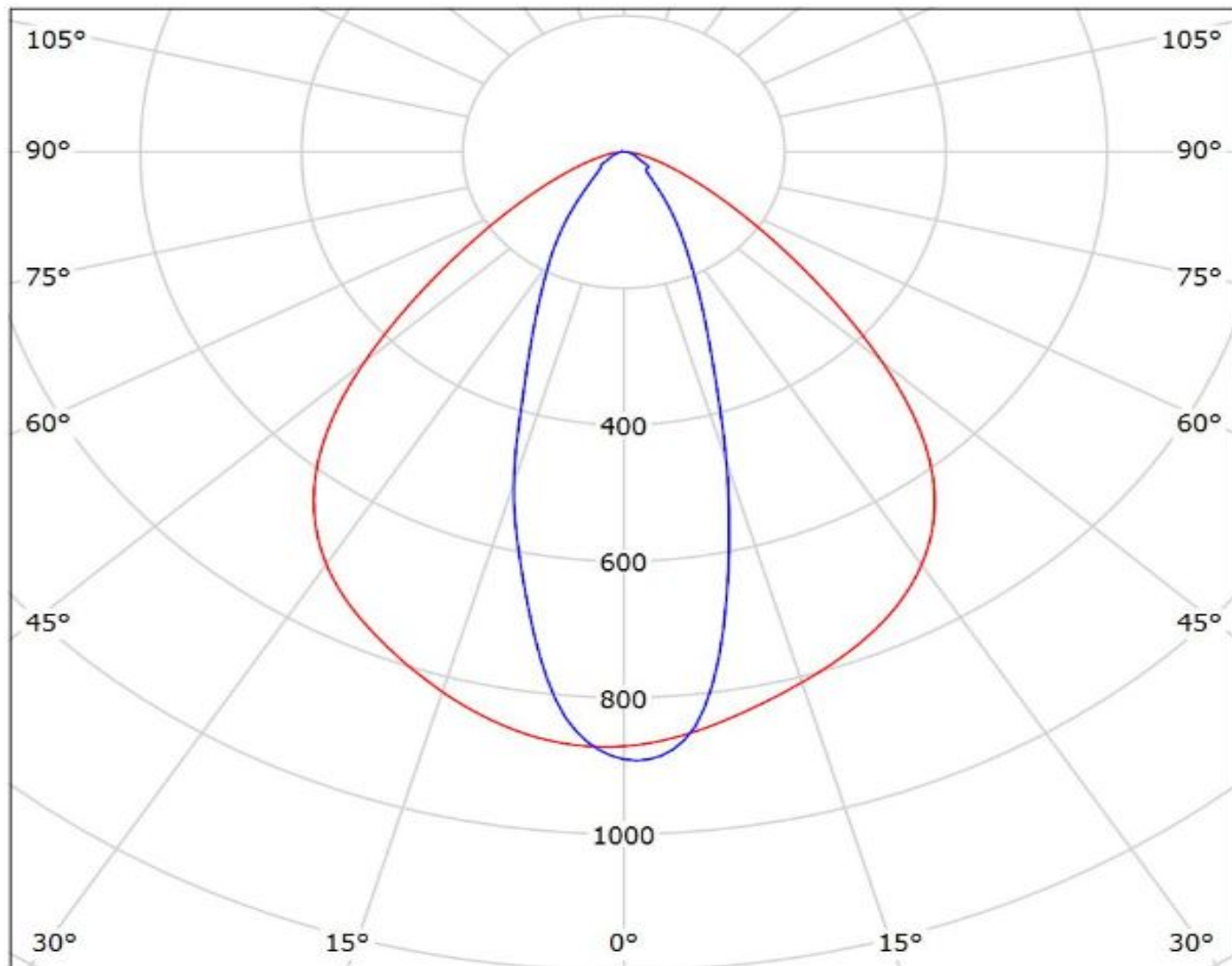
$\eta = 91\%$

# Ledil C14454\_FLORENCE-1R-O\_(Luxeon\_3030\_2D) / LDC (Polar)

Luminaire: Ledil C14454\_FLORENCE-1R-O\_(Luxeon\_3030\_2D)

Lamps: 1 x Luxeon\_3030\_2D\_x22\_(L130-4080003000W21)

\_1601.44lm@200mA\_CCT=4000K\_P=12.8W\_I=0.2A



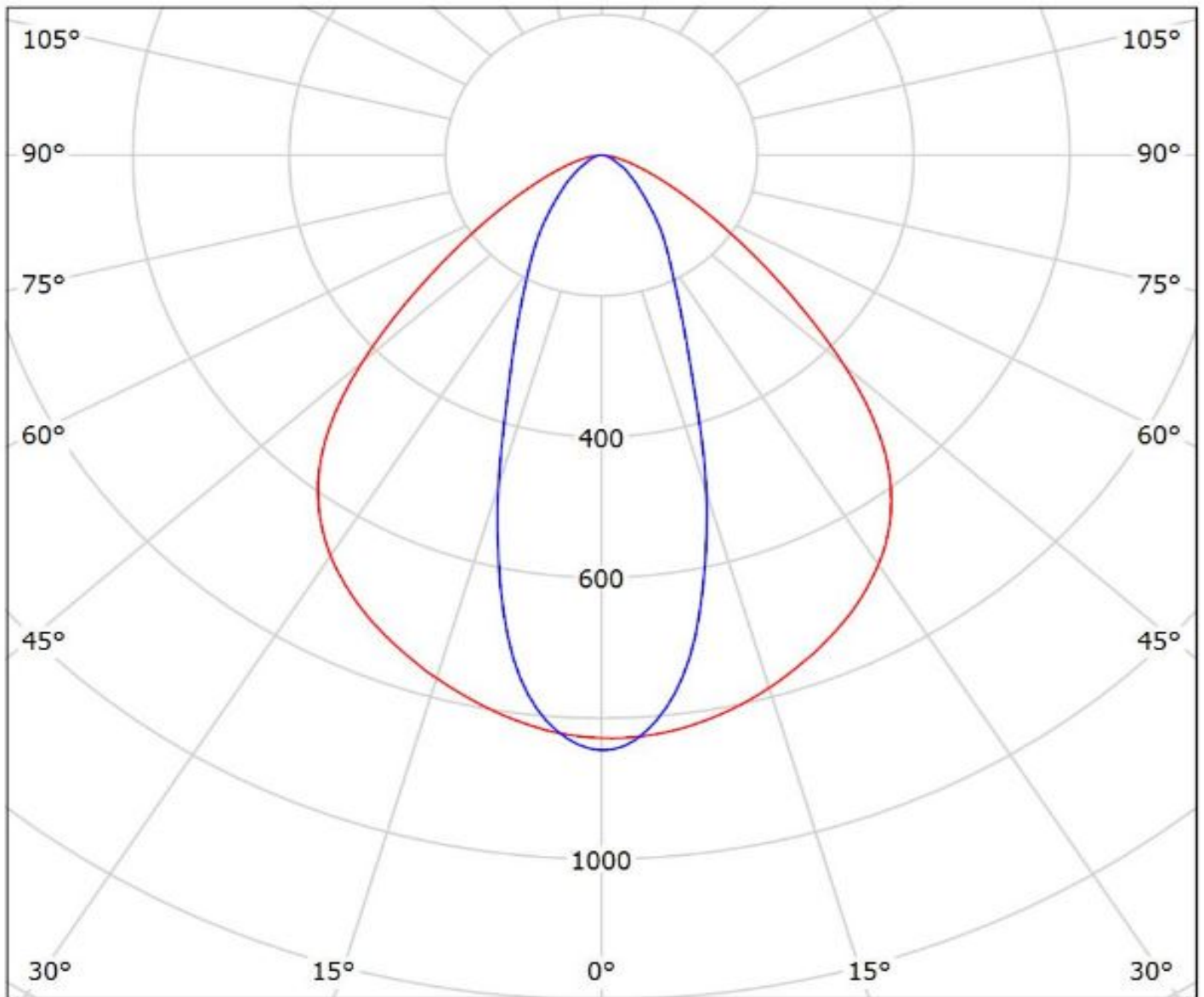
cd/klm

— C0 - C180 — C90 - C270

$\eta = 91\%$

Luminaire: Ledil F14454\_FLORENCE-1R-O\_(3535L\_x22)

Lamps: 1 x Luxeon\_3535L\_x22\_(MXA8-PW50)\_507.681lm@100mA\_P=2.9953W\_I=0.100mA



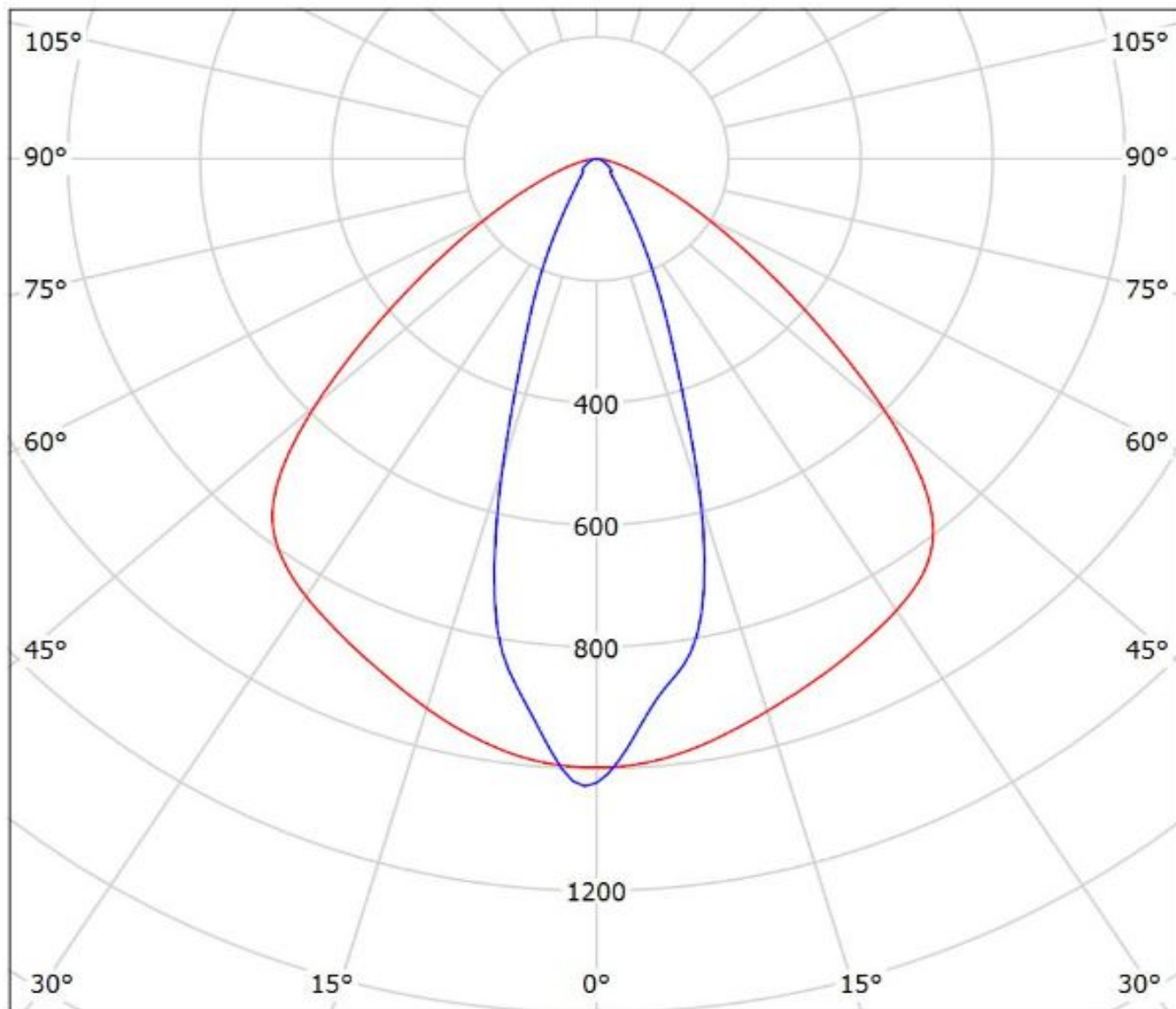
cd/klm

— C0 - C180 — C90 - C270

$\eta = 93\%$

Luminaire: Ledil F14454\_FLORENCE-1R-O\_(3014\_x22)

Lamps: 1 x Luxeon\_3014\_x22\_(L130-5080)\_283.51lm@60mA\_P=1.9087W\_I=0.060mA



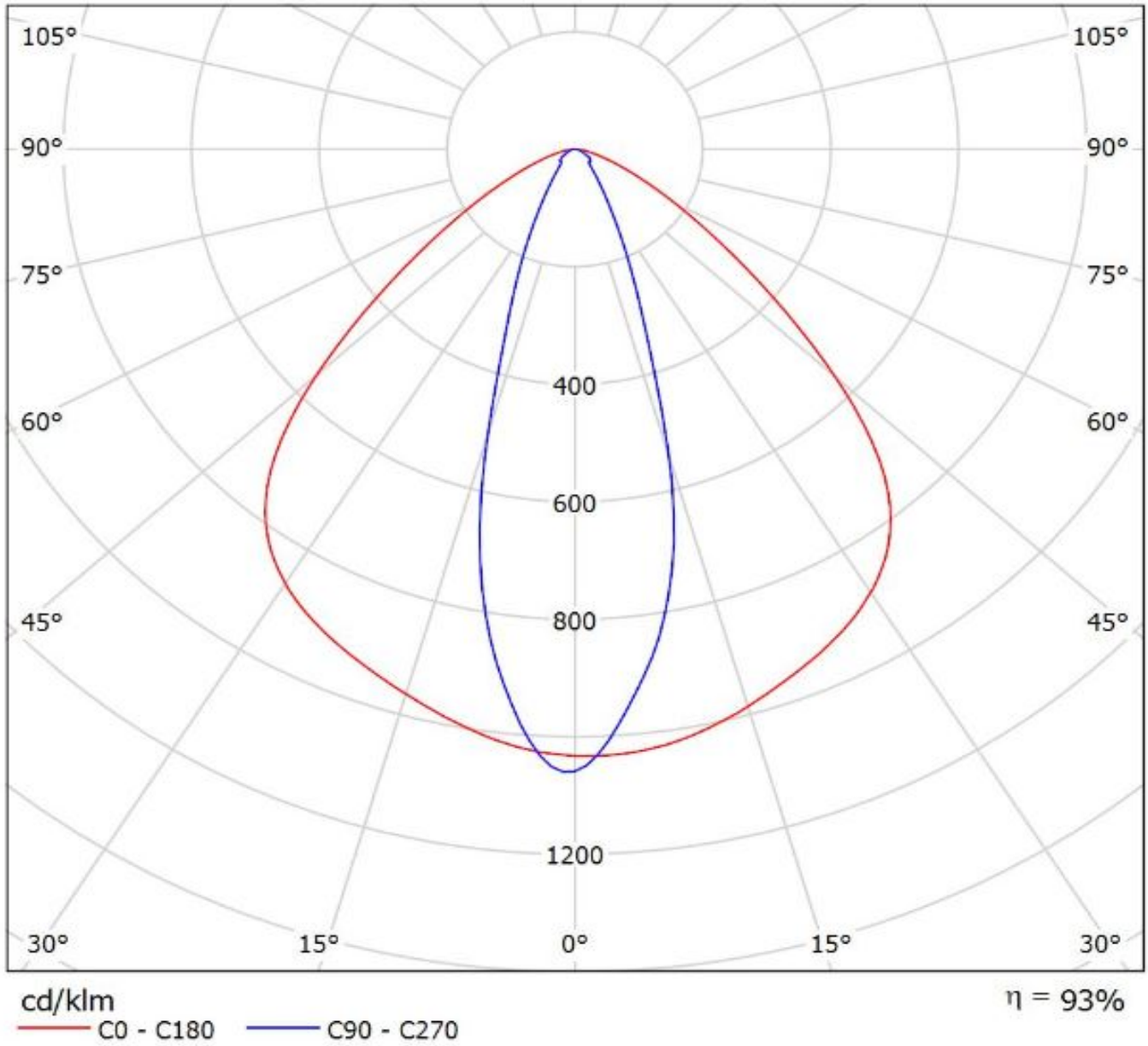
cd/klm

— C0 - C180 — C90 - C270

$\eta = 93\%$

Luminaire: Ledil F14454\_FLORENCE-1R-O\_(3020)

Lamps: 1 x Luxeon\_3020\_x22\_(L130-2780)\_488.066lm@120mA\_P=3.7731W\_I=0.120mA

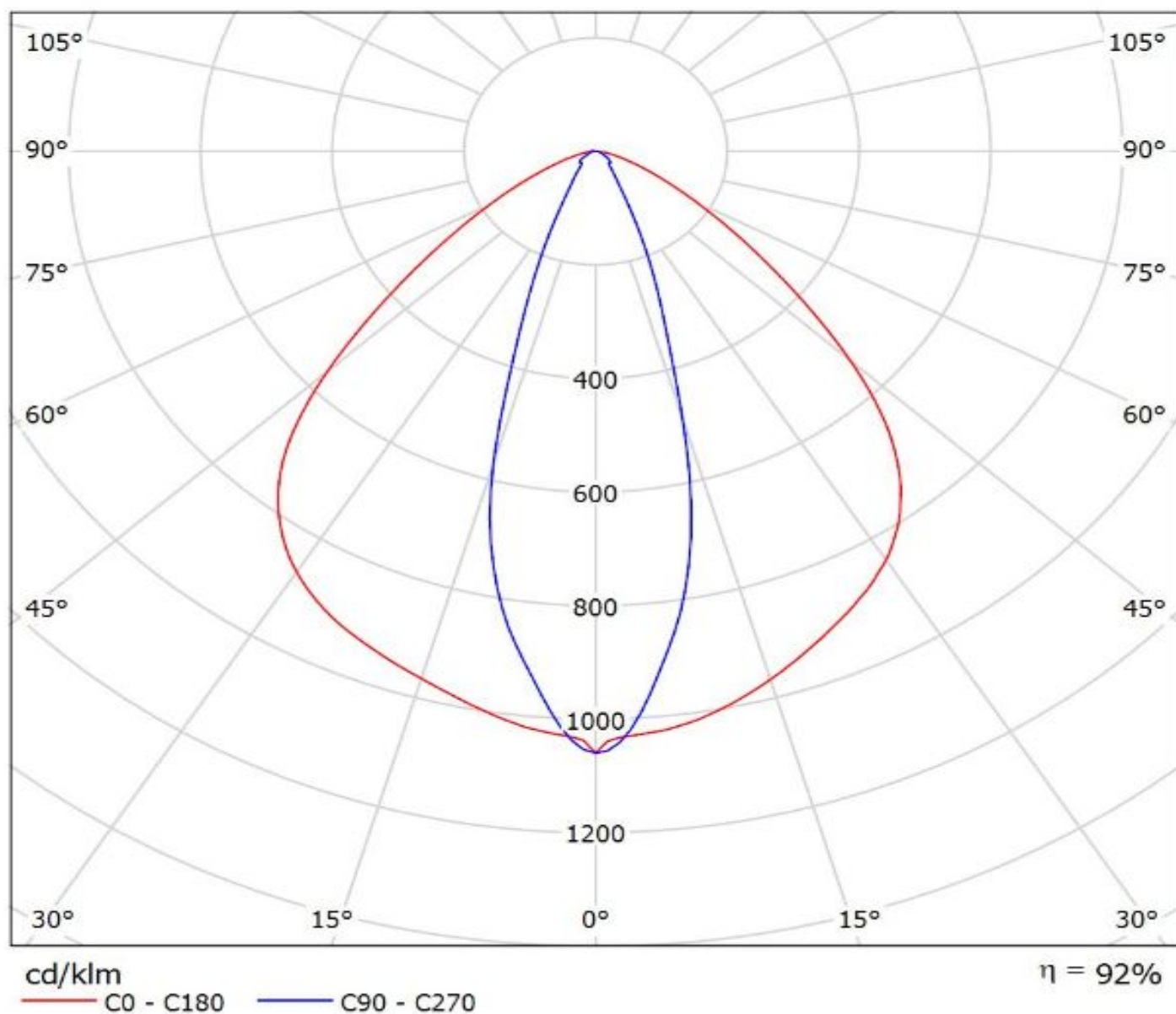




# Ledil C14454\_FLORENCE-1R-O\_(Luminus\_MP-2016) / LDC (Polar)

Luminaire: Ledil C14454\_FLORENCE-1R-O\_(Luminus\_MP-2016)

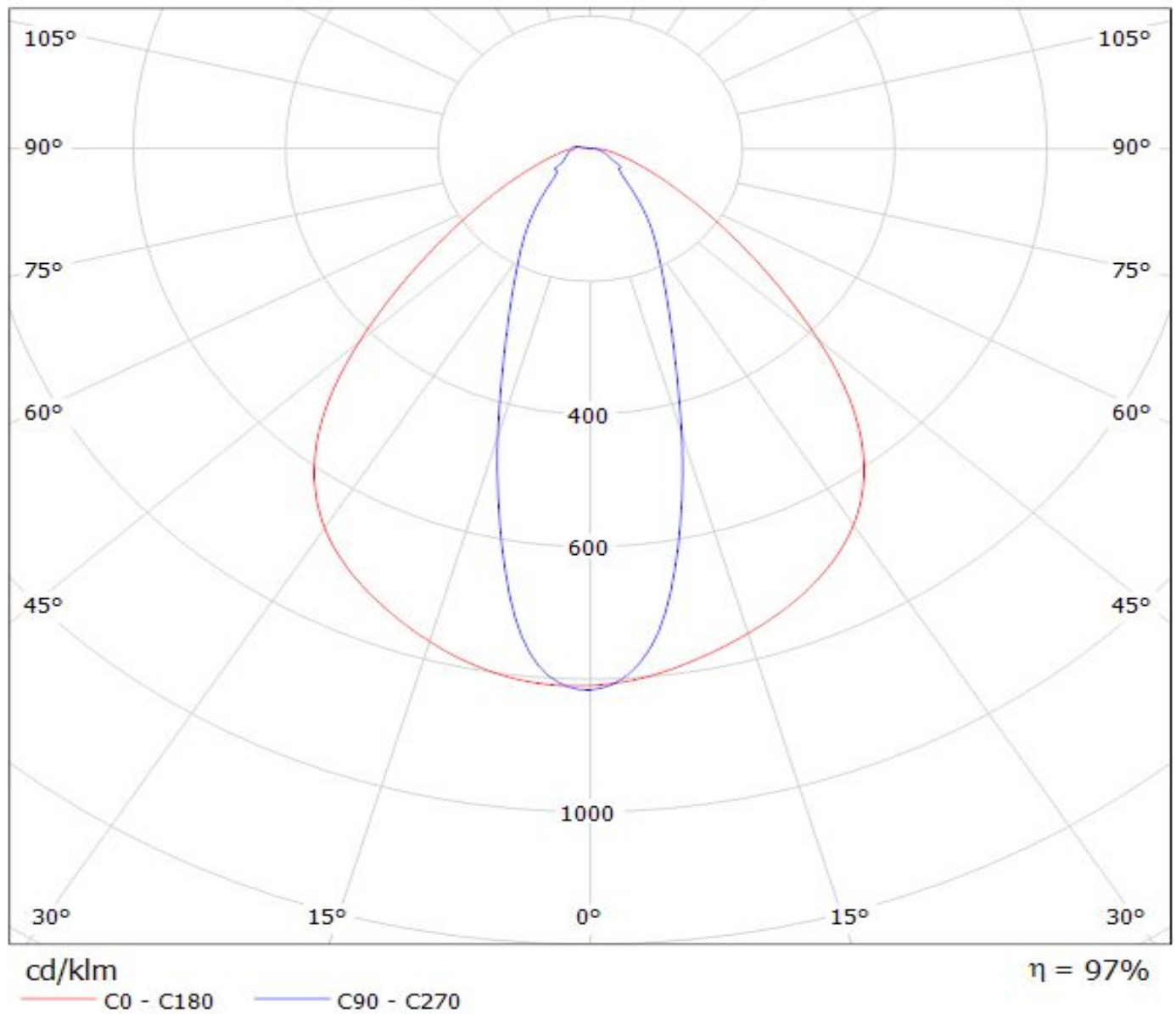
Lamps: 1 x Luminus\_MP-2016\_1x22\_(LUMMP-1100-30-80)\_471.904lm@120mA\_P=4W\_I=0.12A



# Ledil C14454\_FLORENCE-1R-O\_(NF2x757D) / LDC (Polar)

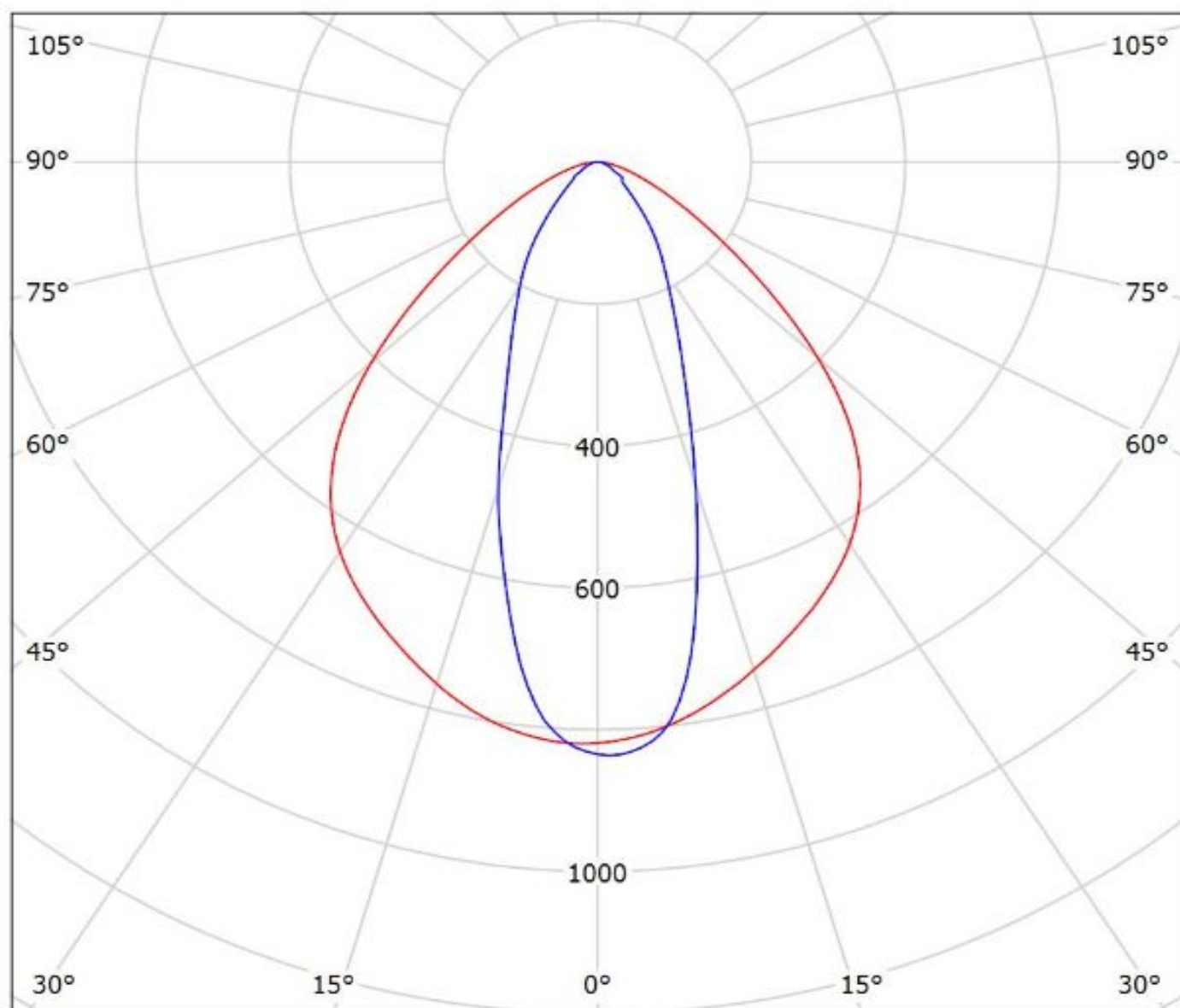
Luminaire: Ledil C14454\_FLORENCE-1R-O\_(NF2x757D)

Lamps: 1 x Nichia\_NF2x757D\_2chip\_x22\_2038.99lm@200mA\_P=12W\_I=199.9mA



Luminaire: Ledil F14454\_FLORENCE-1R-O\_(NF2W757G)

Lamps: 1 x NF2W757G\_378.284lm@65mA\_CCT=?K\_P=1.97W\_I=0.065A



cd/klm

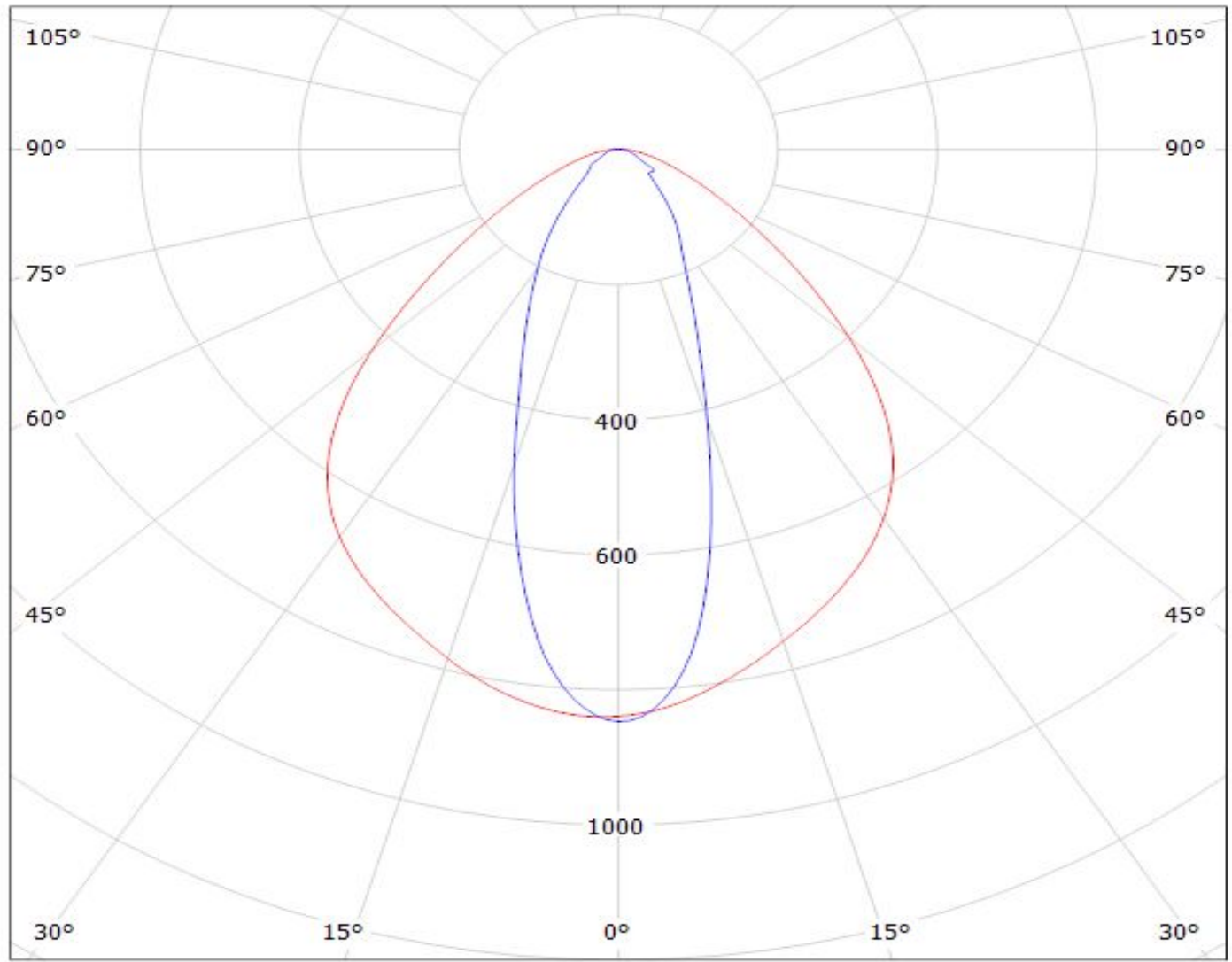
— C0 - C180

— C90 - C270

$\eta = 90\%$

# Ledil C14454\_FLORENCE-1R-O\_(Duris\_S5) / LDC (Polar)

Luminaire: Ledil C14454\_FLORENCE-1R-O\_(Duris\_S5)  
Lamps: 1 x Osram\_Duris\_S5\_x11\_(GW\_PSLRS1.ĚC-LQLS-5H7I-1)  
\_1016.86lm@100mA\_P=8W\_I=0.1000A



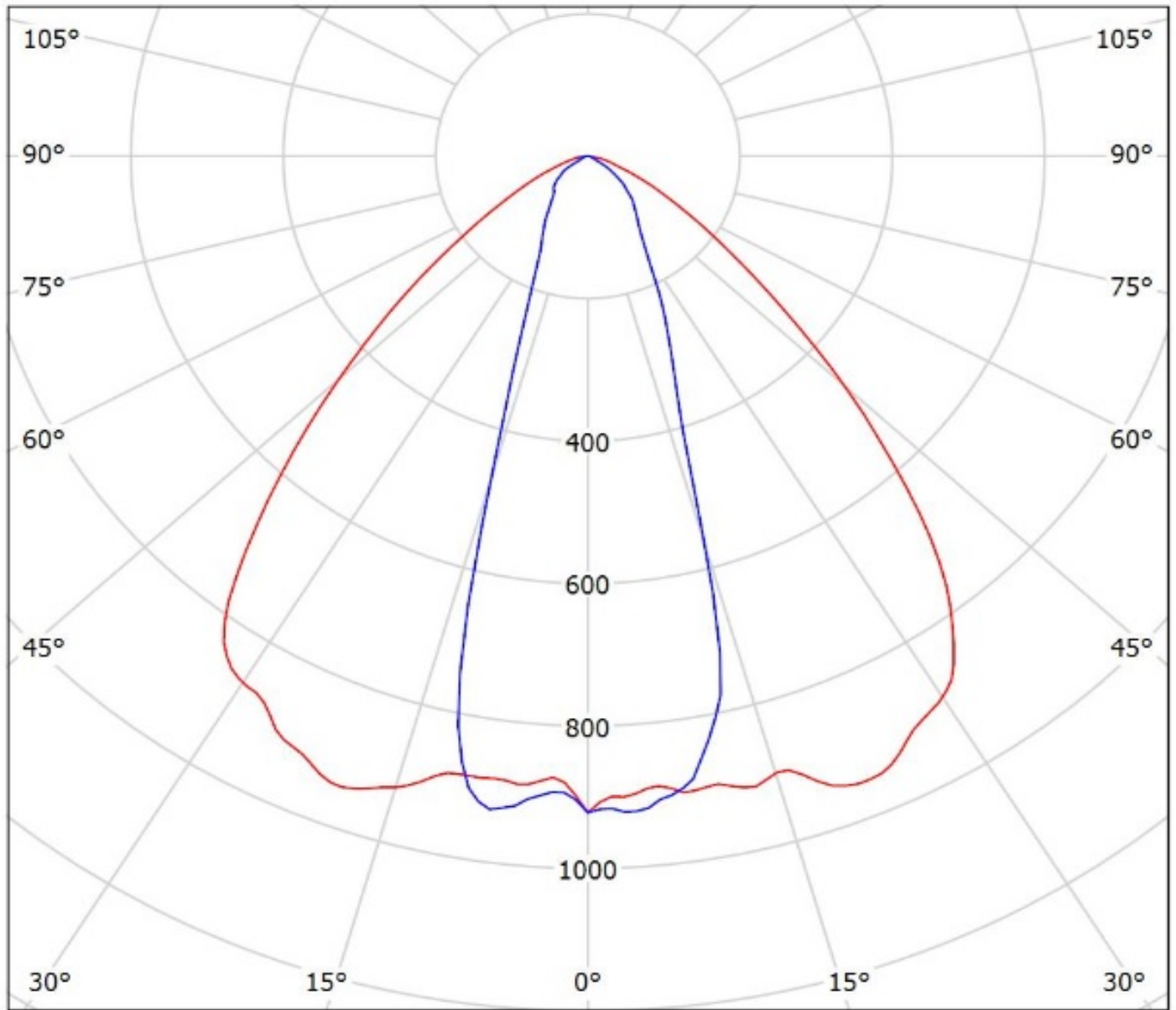
cd/klm

— C0 - C180

— C90 - C270

$\eta = 91\%$

Luminaire: Ledil Oy C14454\_FLORENCE-1R-O\_(Duris\_E\_2835)\_SIMULATED  
Lamps: 1 x Osram Duris E 2835 - GW JTLRS1.EM



cd/klm

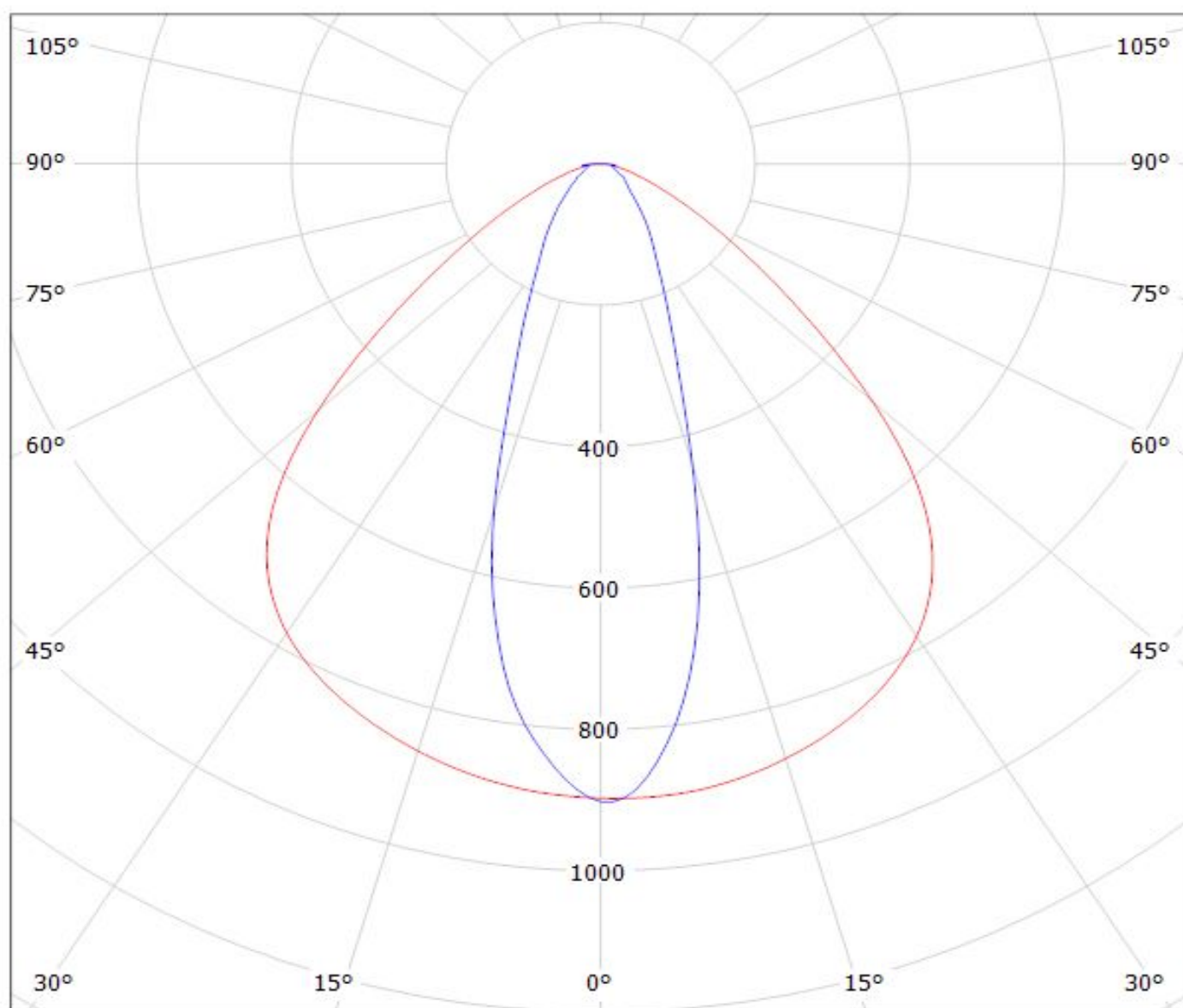
— C0 - C180 — C90 - C270

$\eta = 95\%$

Luminaire: LEDiL Oy C14454\_FLORENCE-1R-O\_(Fortimo)

Lamps: 1 x

Philips\_Fortimo\_LED\_line\_1ft\_1100lm\_840\_1R\_LV2\_1067.99lm@250mA\_P=8.04281W\_I=0.2498mA



cd/klm

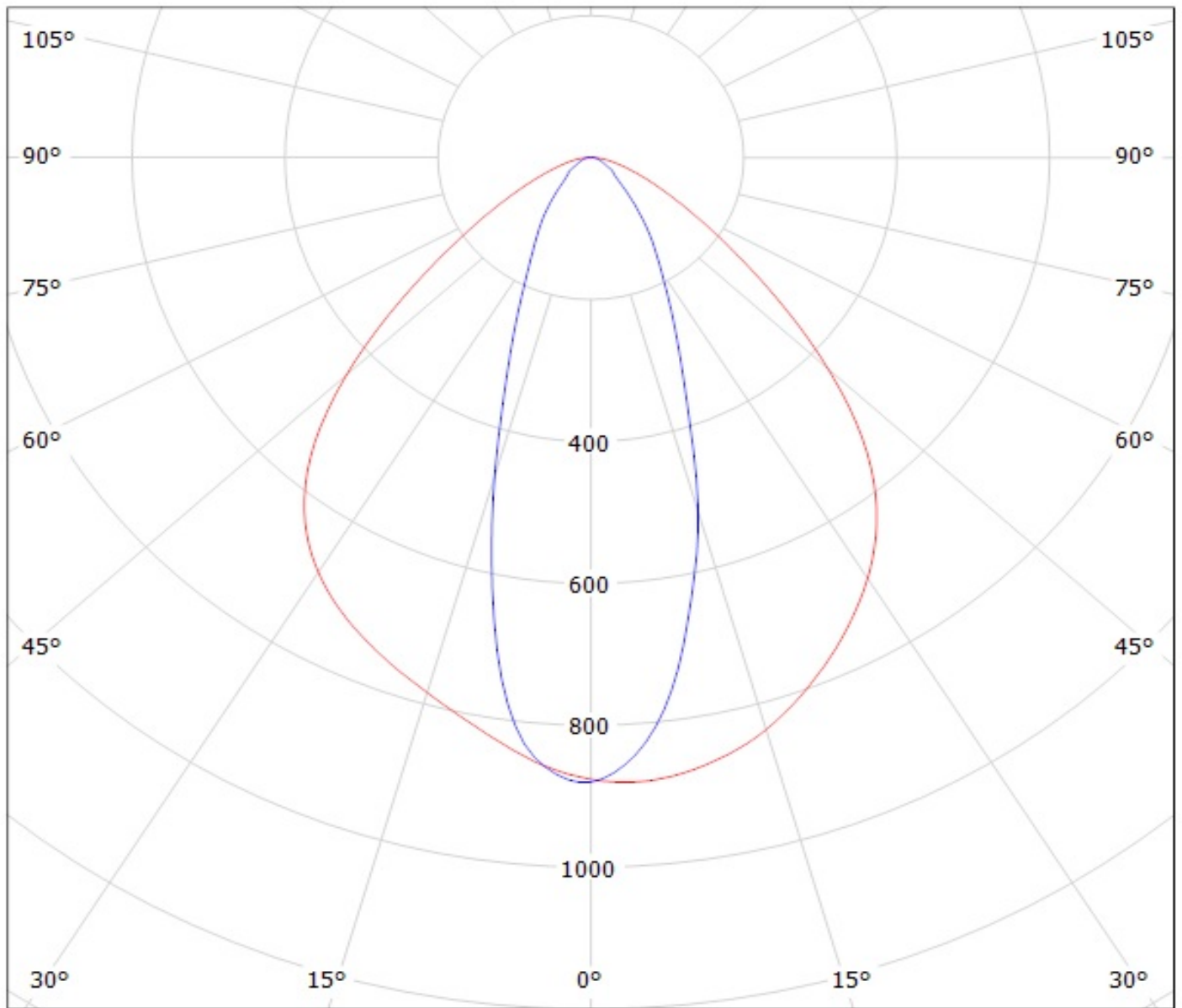
— C0 - C180

— C90 - C270

$\eta = 95\%$

Luminaire: LEDiL Oy C14454\_FLORENCE-1R-O\_(LM302A)

Lamps: 1 x Samsung\_LM302A\_865.46lm@100mA\_P=6.64694W\_I=0.1001A



cd/klm

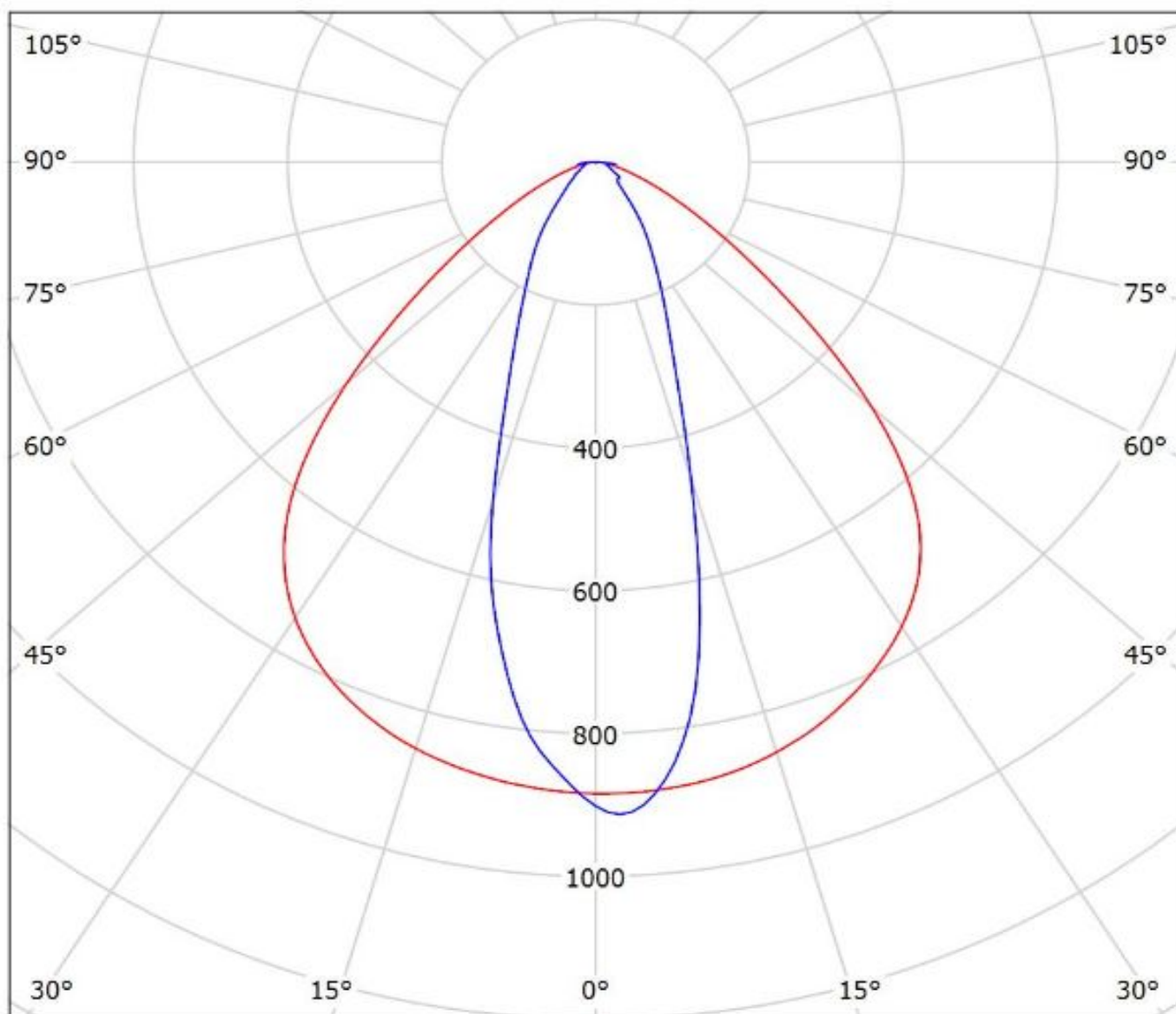
— C0 - C180

— C90 - C270

$\eta = 92\%$

Luminaire: Ledil F14454\_FLORENCE-1R-O\_(LT-S282N)

Lamps: 1 x Samsung SI-B8T071280LD\_LM5618+\_1401.55lm@250mA\_P=9.185W\_I=0.25A



cd/klm

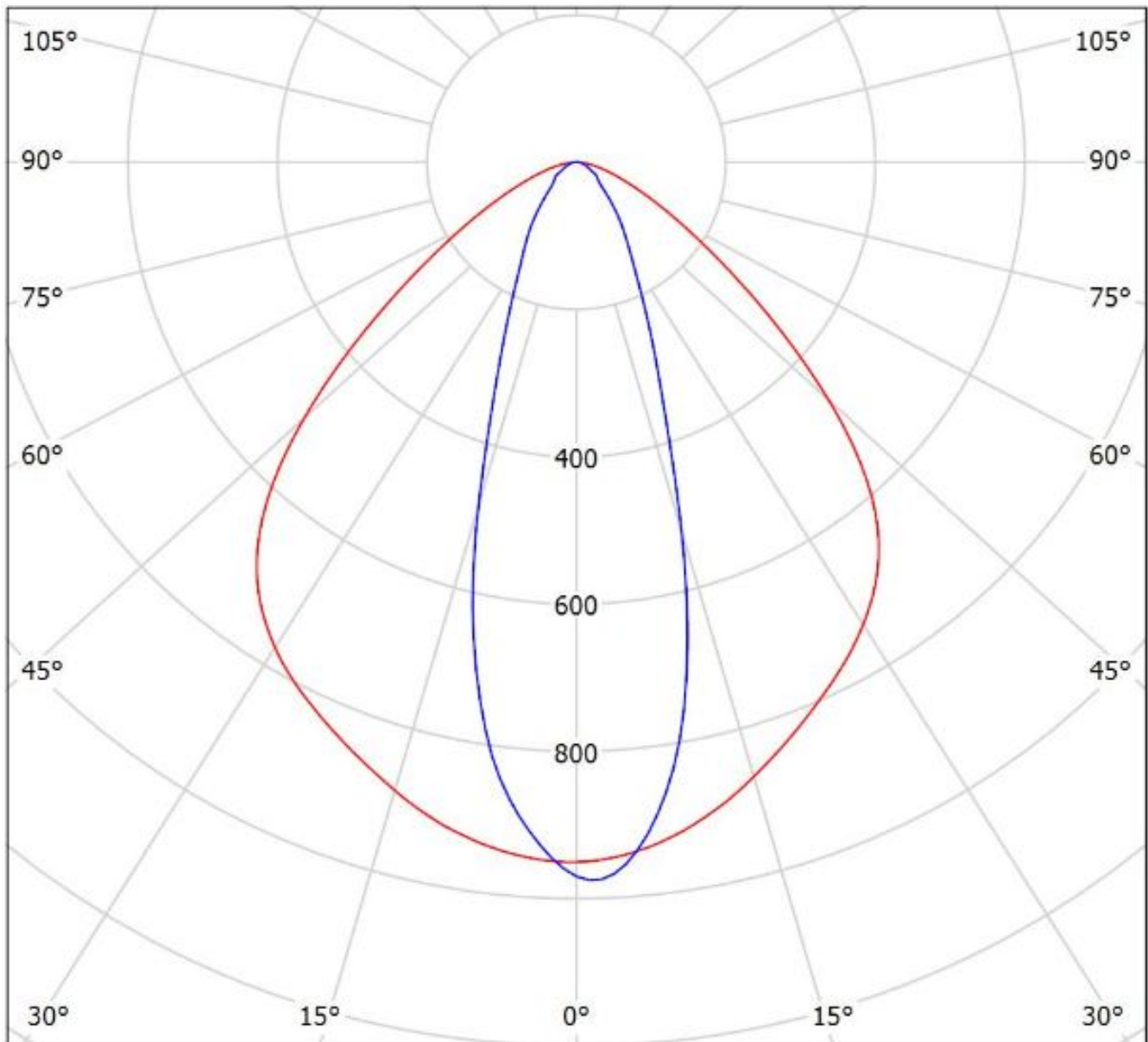
— C0 - C180 — C90 - C270

$\eta = 93\%$



Luminaire: Ledil F14454\_FLORENCE-1R-O\_(LM301A)

Lamps: 1 x Samsung\_LM301A\_x11\_(SPMWHT328FD5WAT0S0)\_1087.4lm@250mA\_P=8.1922W\_I=0.25A



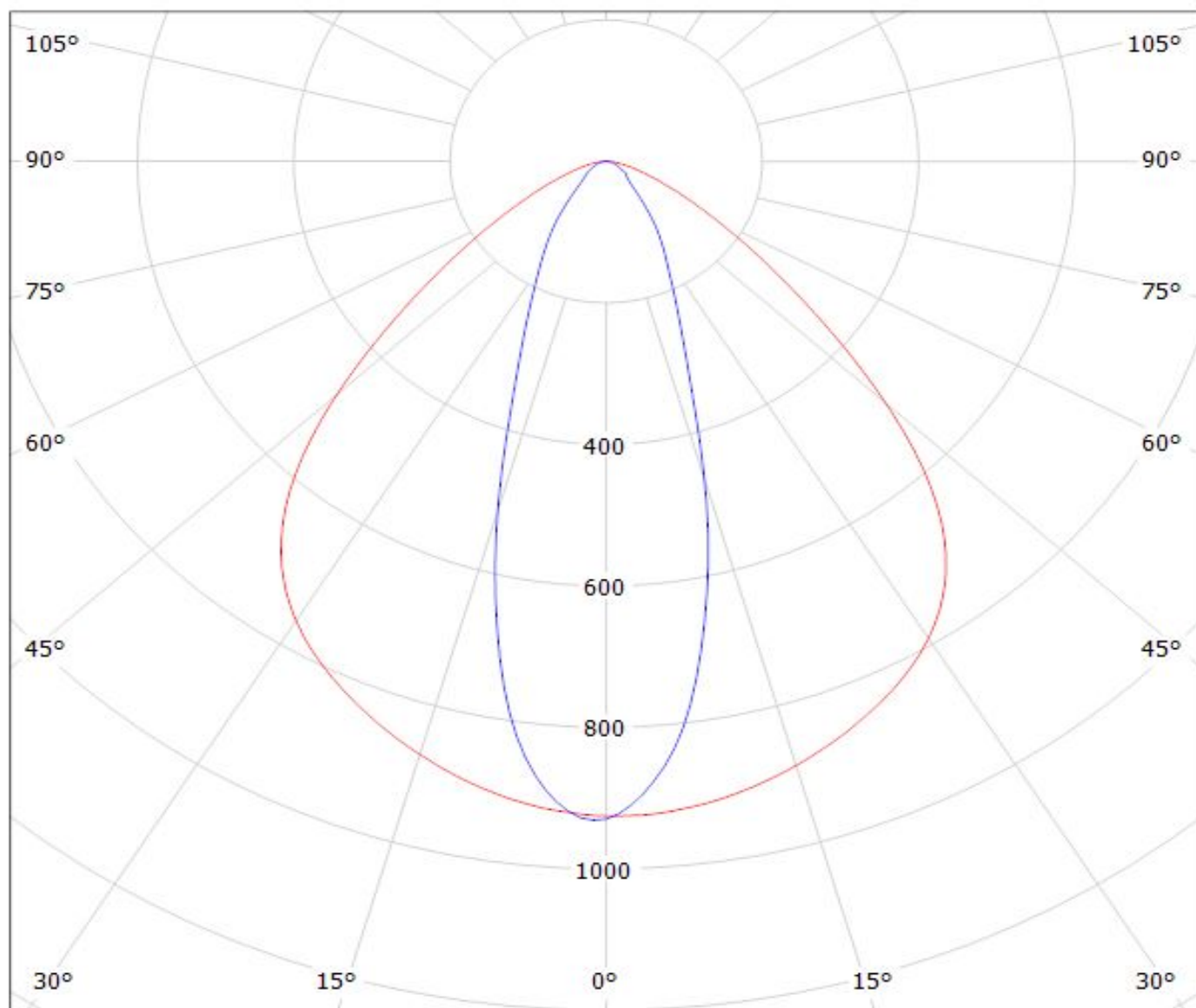
cd/klm

— C0 - C180 — C90 - C270

$\eta = 92\%$

Luminaire: LEDiL Oy F14454\_FLORENCE-1R-O\_(LM561C)

Lamps: 1 x Samsung\_LM561C\_688.201lm@130mA\_P=3.9390W\_I=0.130A



cd/klm

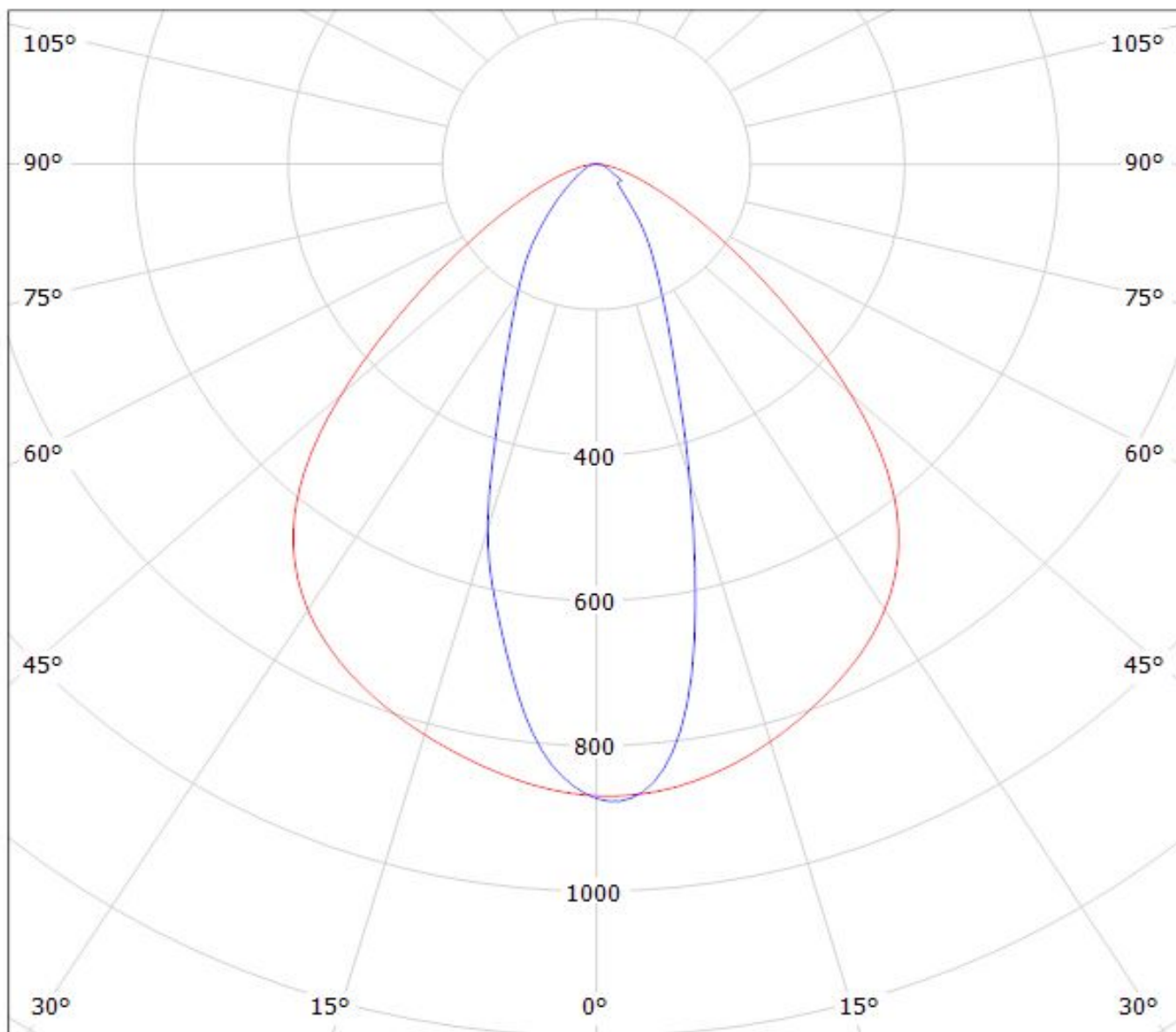
— C0 - C180

— C90 - C270

$\eta = 93\%$

Luminaire: LEDiL Oy F14454\_FLORENCE-1R-O\_(LM281B)

Lamps: 1 x Samsung\_LM281B\_1309.14lm@300mA\_P=10.244W\_I=0.300A



cd/klm

— C0 - C180

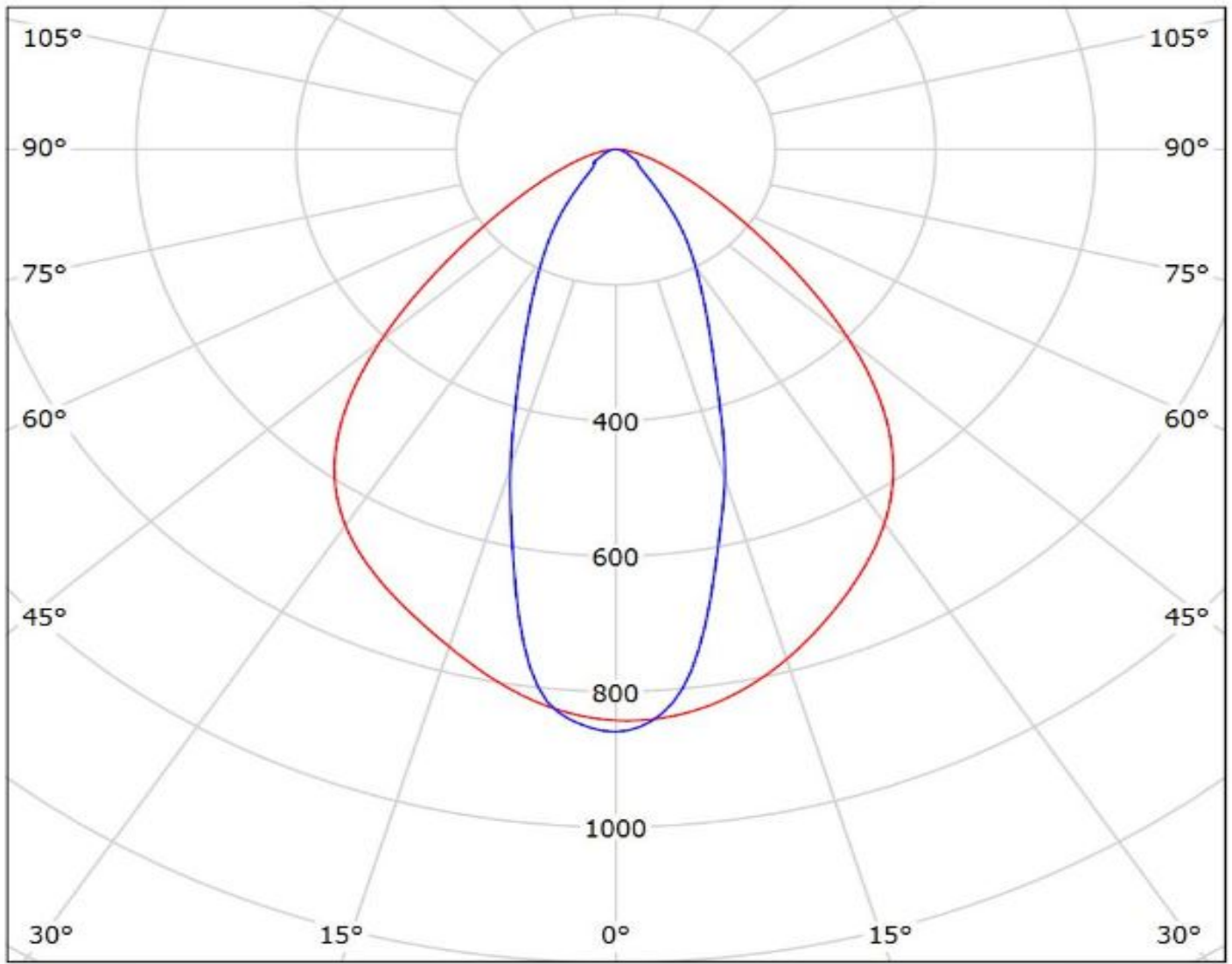
— C90 - C270

$\eta = 93\%$

# Ledil C14454\_FLORENCE-1R-O\_(Seoul\_3030) / LDC (Polar)

Luminaire: Ledil C14454\_FLORENCE-1R-O\_(Seoul\_3030)

Lamps: 1 x Seoul\_3030\_x11\_(STW8C2SA)\_788.659lm@100mA\_P=6.5W\_I=0.1A



cd/klm

— C0 - C180 — C90 - C270

$\eta = 90\%$

**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.**