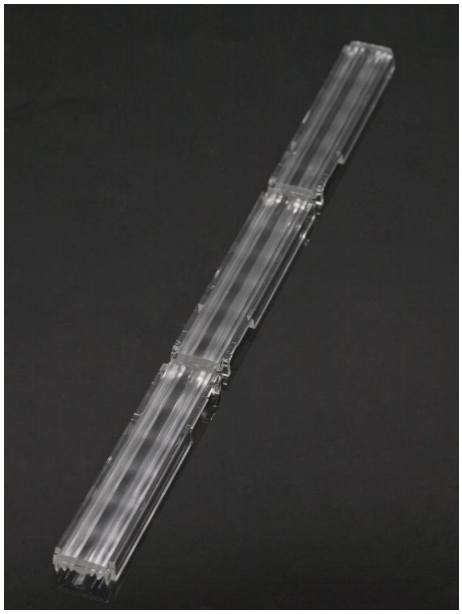
PRODUCT DATASHEET
Florence series
last update 10/3/2015

DETAILS



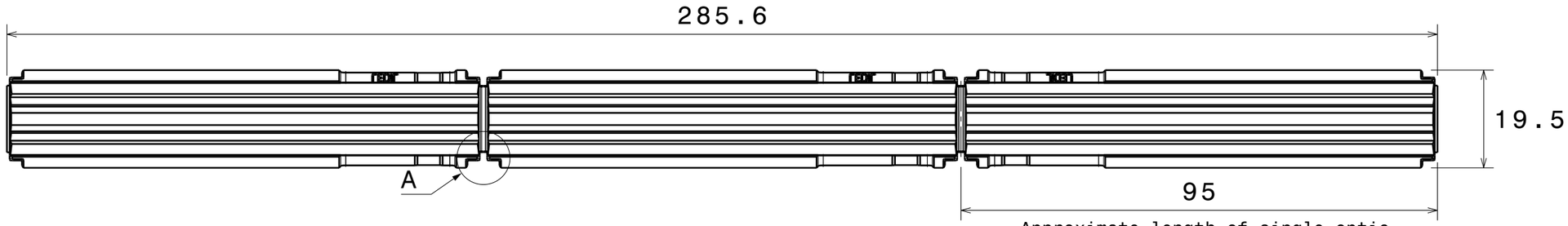
Product Number	C14454_FLORENCE-1R-O
Family	Florence
Type	Lens
Color	clear
Diameter	285.6x19.5 mm
Height	7 mm
Style	rectang
Optic Material	PMMA
Holder Material	
Fastening	clips, glue
Status	ready
ROHS Comliant	Yes
Date Updated	29/04/2015

OPTICAL PROPERTIES

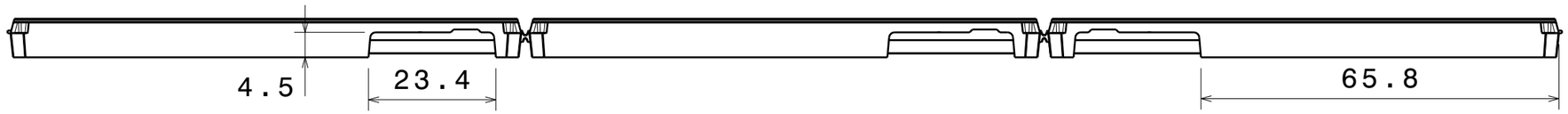
LED	Viewing Angle	Light Beam	Effi-ciency	cd/lm	Connector
SEOUL 3030	91+35 deg	Oval	90 %	0.860	-
Duris S5 (2 chip)	92+33 deg	Oval	91 %	0.850	-
LM302A	92+34 deg	Oval	92 %	0.880	-
NF2x757D	93+34 deg	Oval	94 %	0.820	-
Luxeon 3030 2D	93+34 deg	Oval	91 %	0.890	-
MP-2016	94+31 deg	Oval	92 %	1.100	-
Fortimo LED Line 1ft 1100lm 8x0 1R xV2	96+32 deg	Oval	94 %	0.900	-

Ledil Oy
Salorankatu 10
24240 SALO, Finland

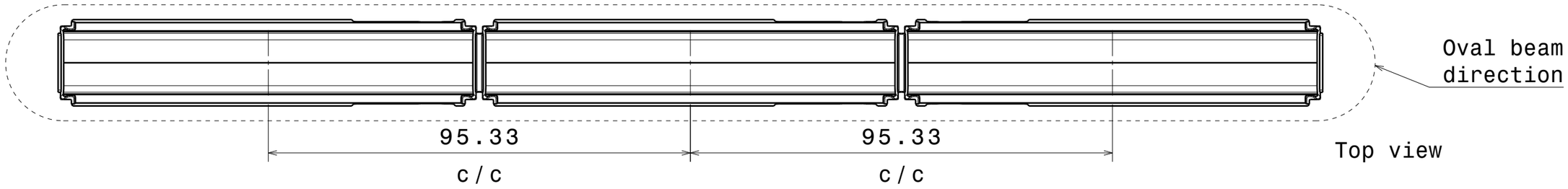
http://www.ledil.com
email: ledil@ledil.com
FAX: +358-2-733 8001



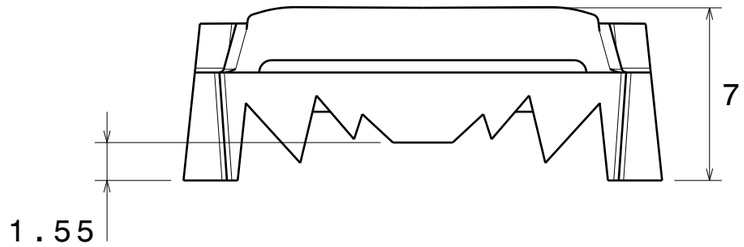
Bottom view



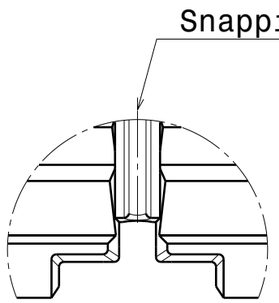
Left view



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.

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:

LEDiL
Ledil Oy
Salorankatu 10
FIN 24240 SALO
Finland

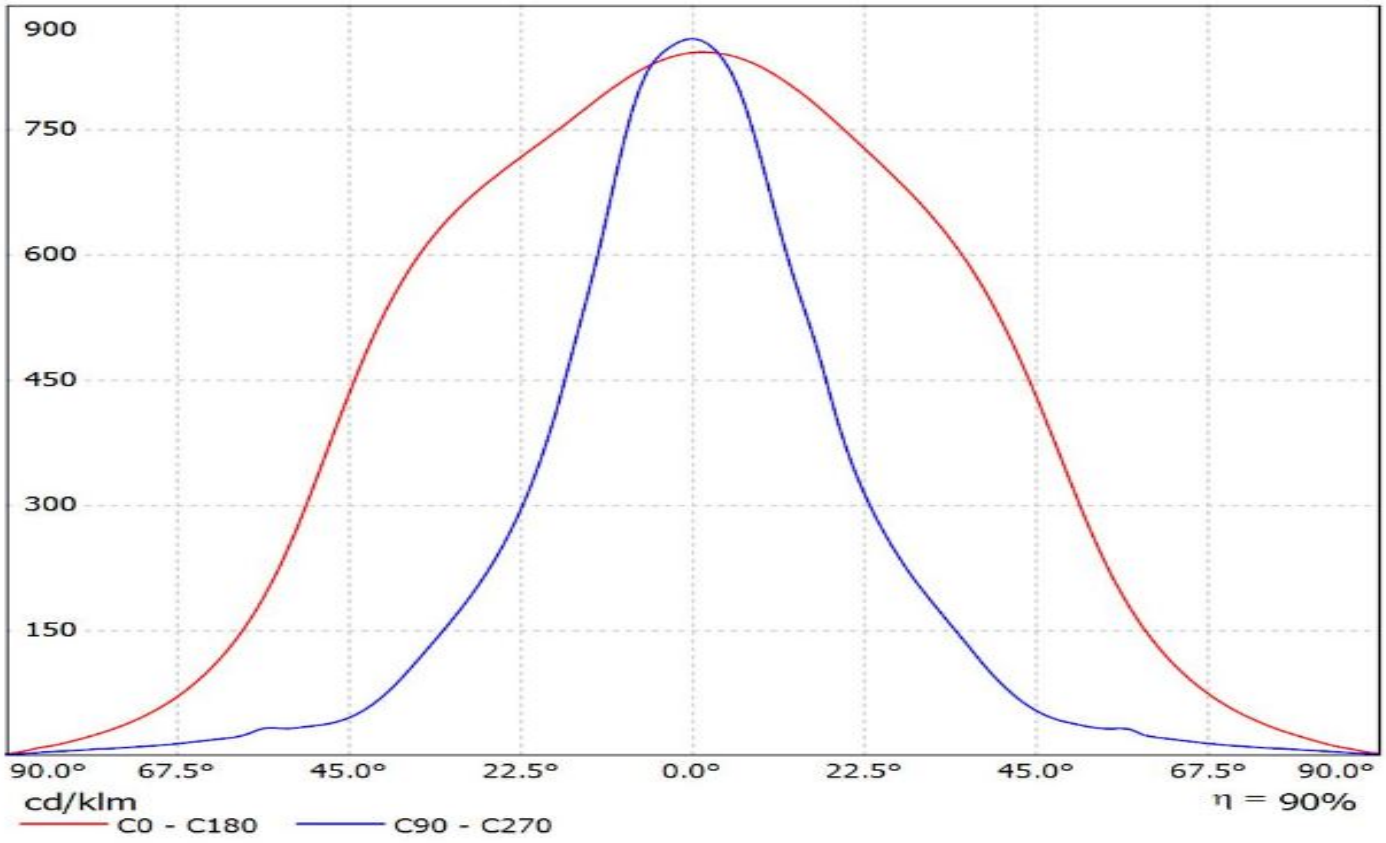
DRAWING TITLE
Datasheet FLORENCE-1R-O

SIZE	PART NUMBER
A3	C14454

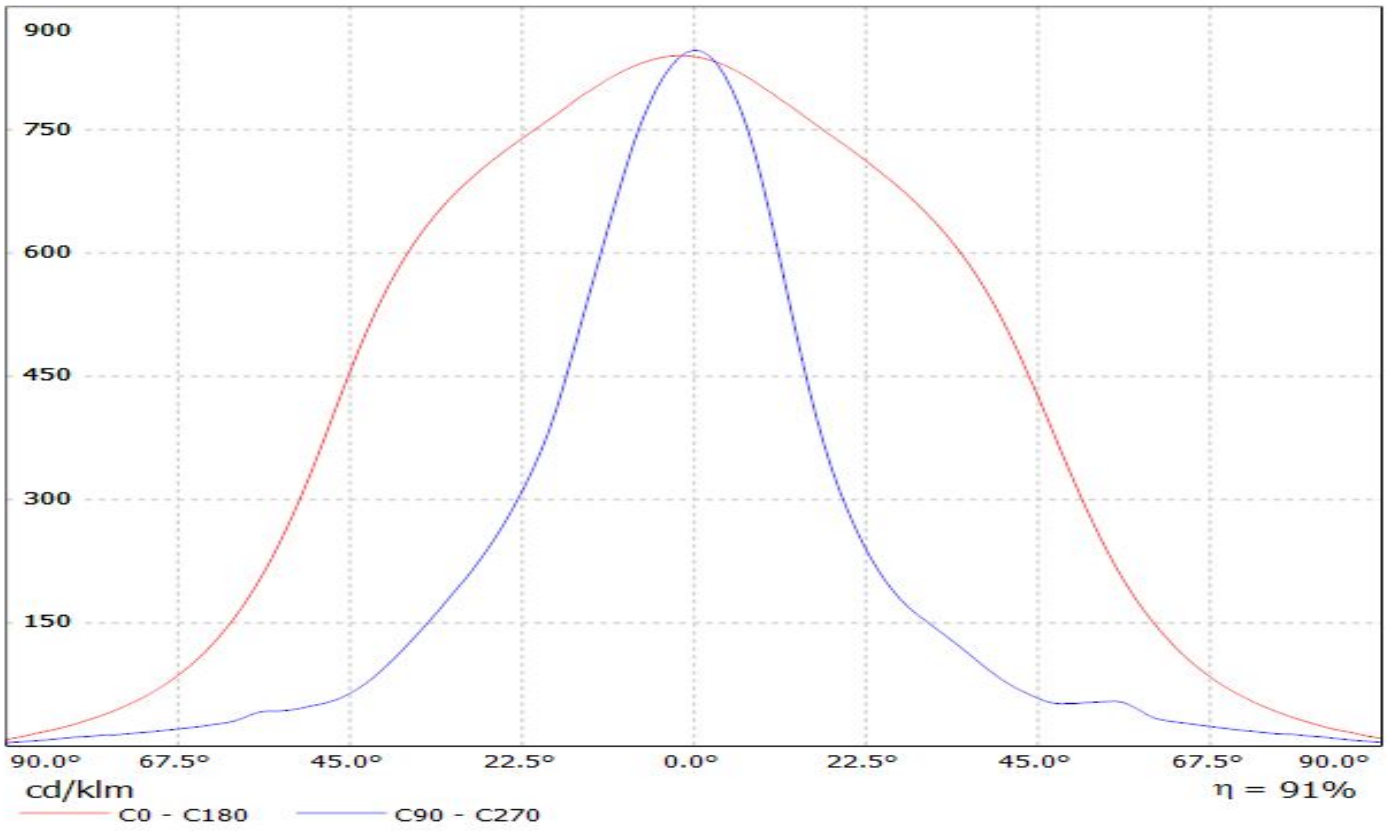
SCALE 1:1

SHEET 1/1

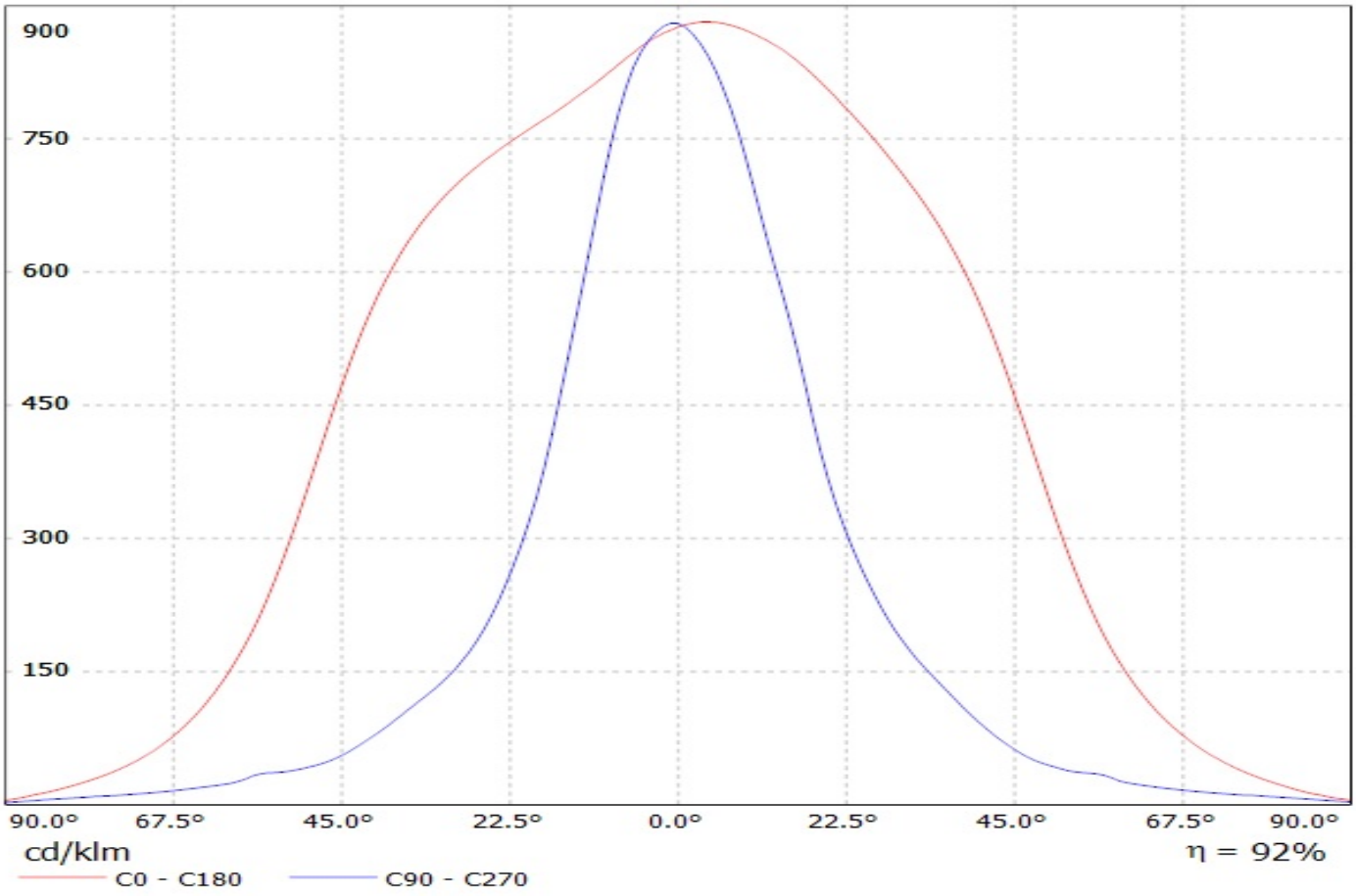
Luminaire: Ledil C14454_FLORENCE-1R-O_(Seoul_3030)
Lamps: 1 x Seoul_3030_x11_(STW8C2SA)_788.659lm@100mA_P=6.5W_I=0.1A



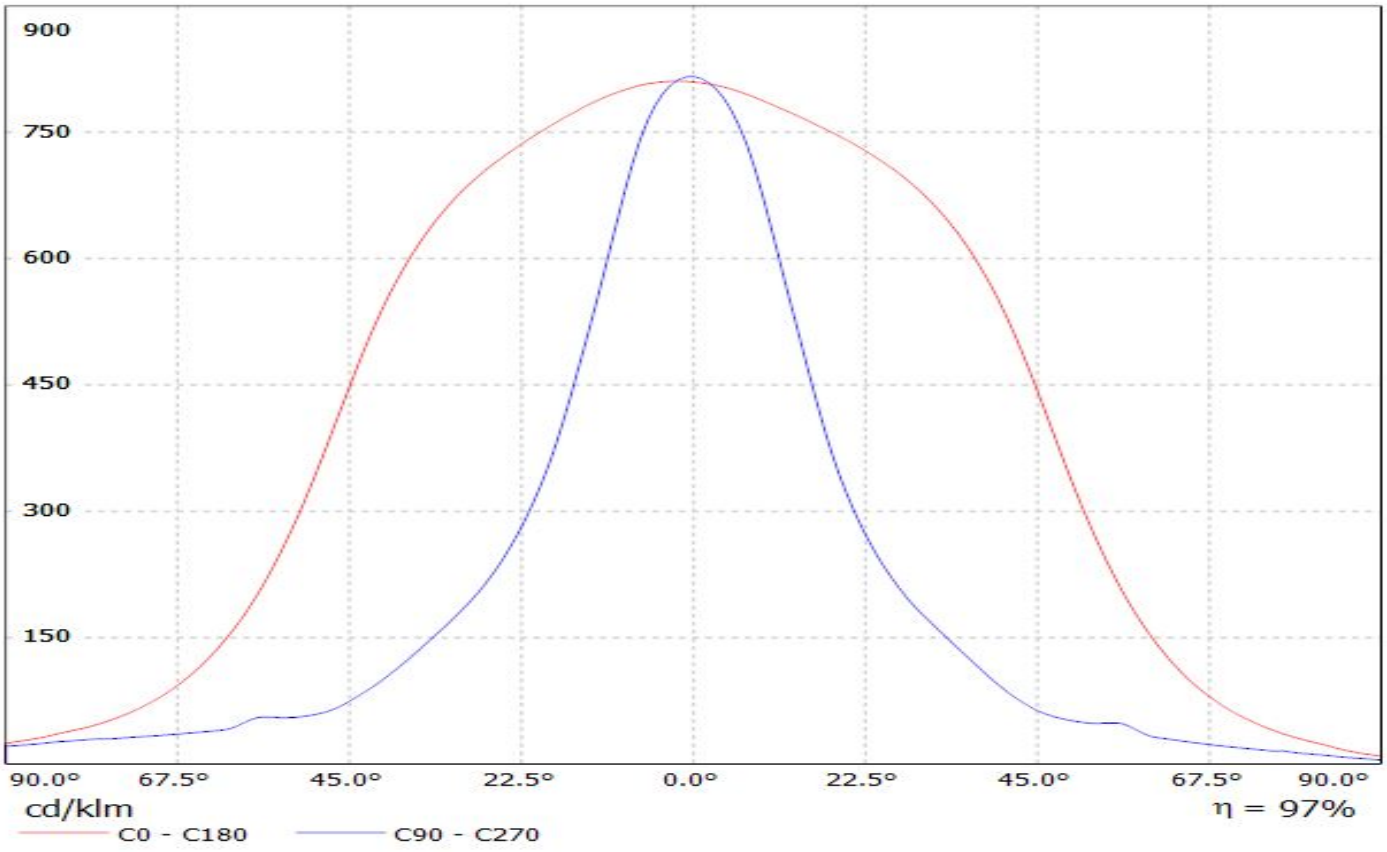
Luminaire: Ledil C14454_FLORENCE-1R-O_(Duris_S5)
Lamps: 1 x Osram_Duris_S5_x11_(GW_PSLRS1.EC-LQLS-5H7I-1)
_1016.86lm@100mA_P=8W_I=0.1000A



Luminaire: LEDiL Oy C14454_FLORENCE-1R-O_(LM302A)
Lamps: 1 x Samsung_LM302A_865.46lm@100mA_P=6.64694W_I=0.1001A

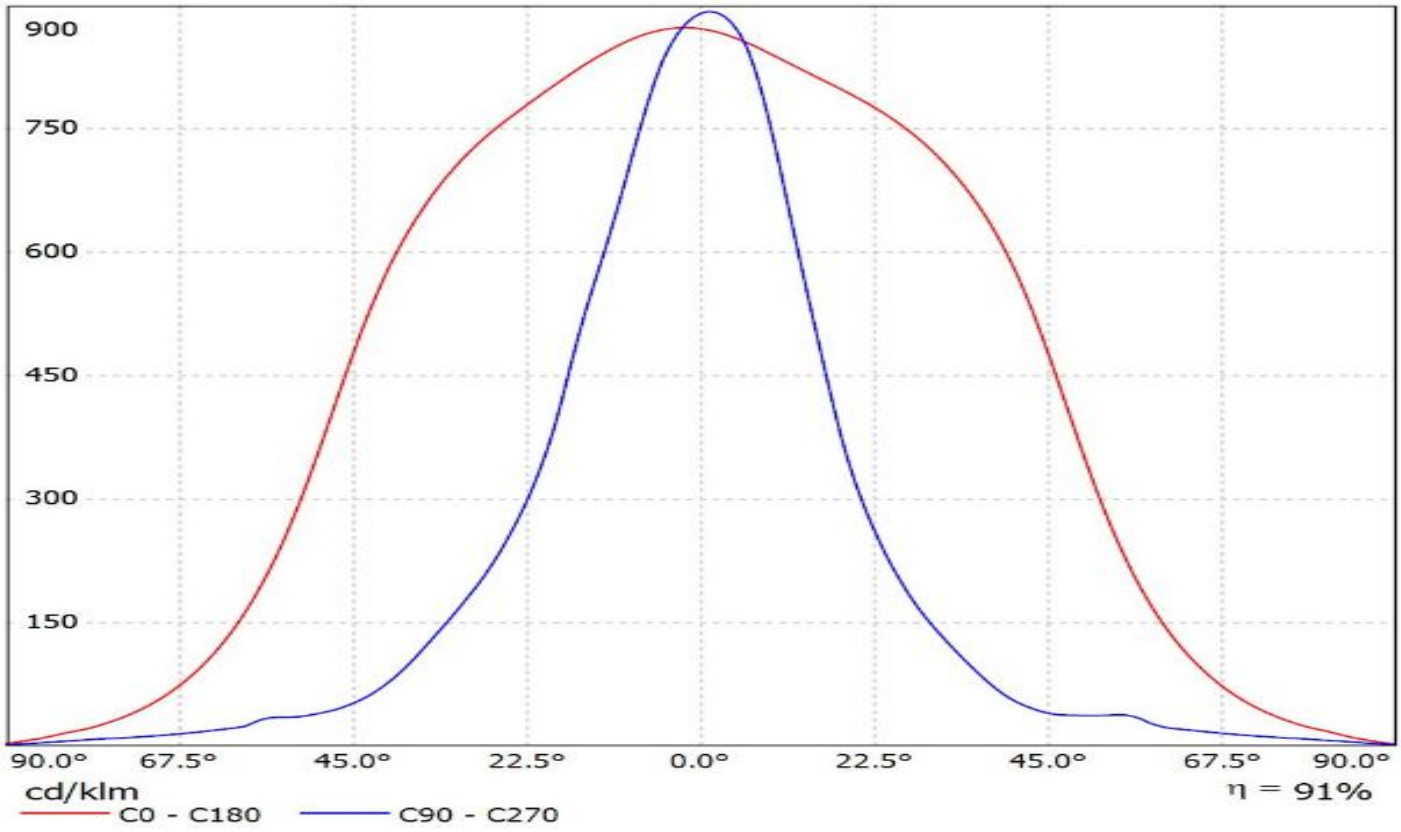


Luminaire: Ledil C14454_FLORENCE-1R-O_(NF2x757D)
Lamps: 1 x Nichia_NF2x757D_2chip_x22_2038.99lm@200mA_P=12W_I=199.9mA



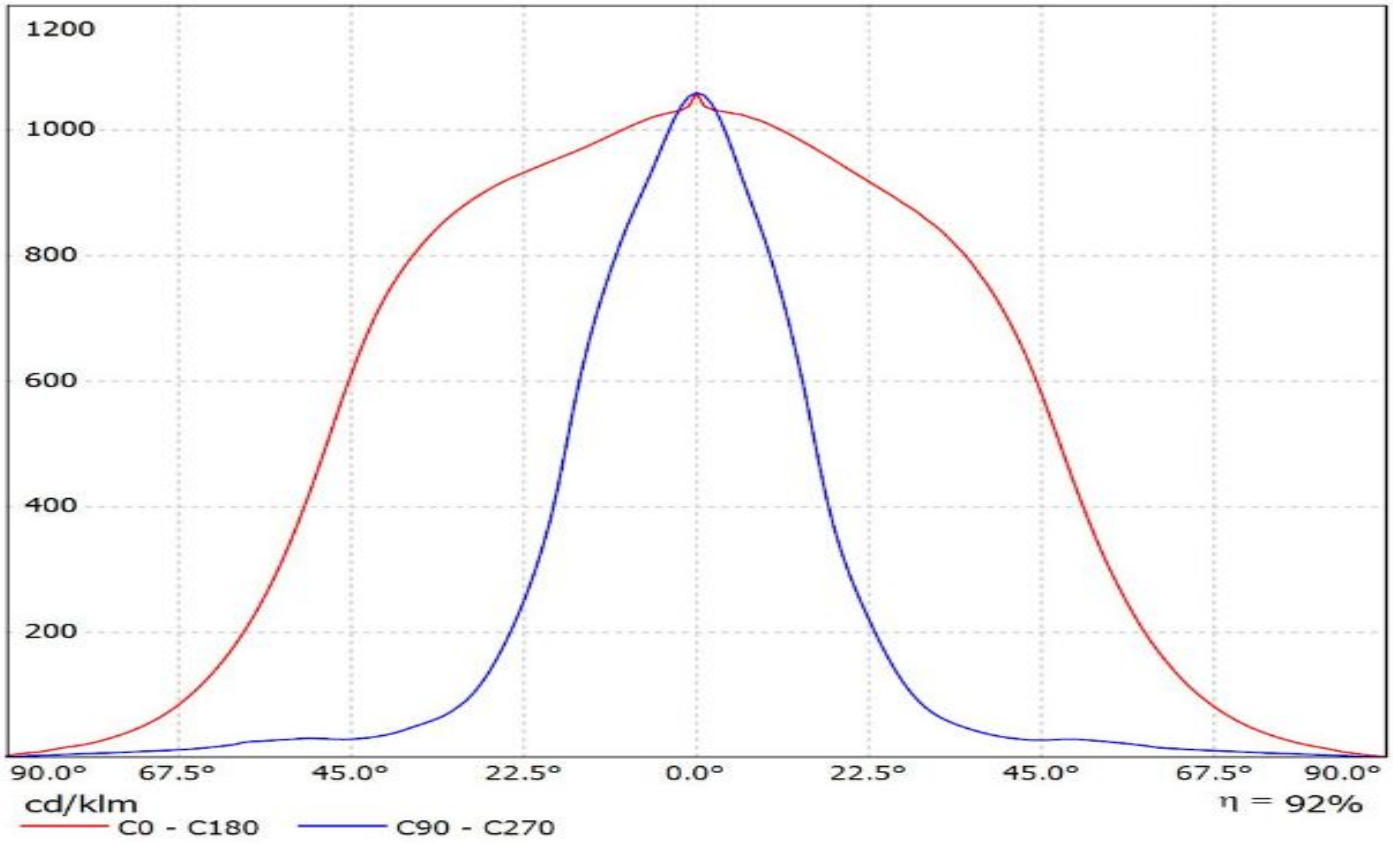
Ledil C14454_FLORENCE-1R-O_(Luxeon_3030_2D) / LDC (Linear)

Luminaire: Ledil C14454_FLORENCE-1R-O_(Luxeon_3030_2D)
Lamps: 1 x Luxeon_3030_2D_x22_(L130-40800030000W21)
_1601.44lm@200mA_CCT=4000K_P=12.8W_I=0.2A

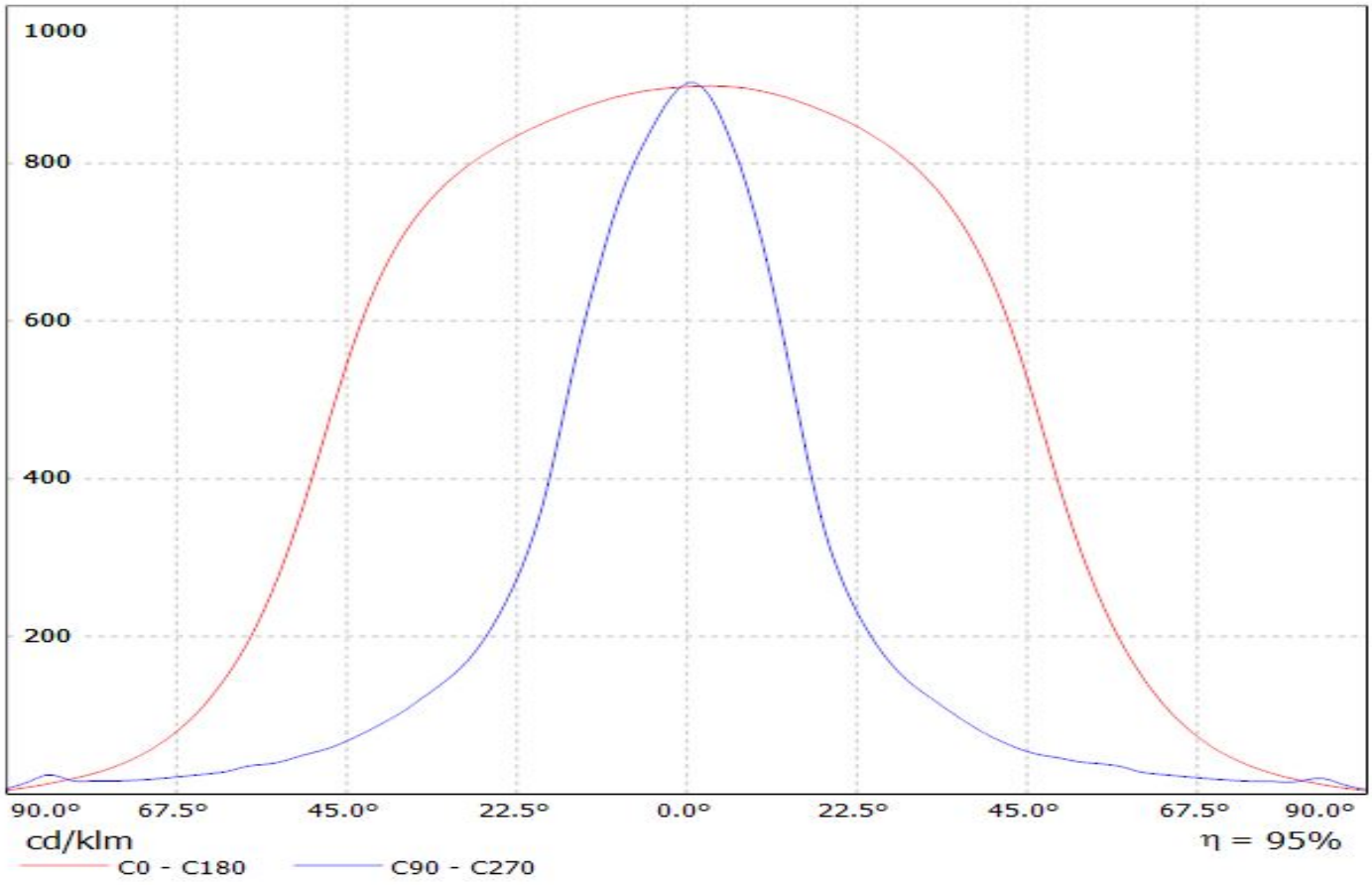


Ledil C14454_FLORENCE-1R-O_(Luminus_MP-2016) / LDC (Linear)

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

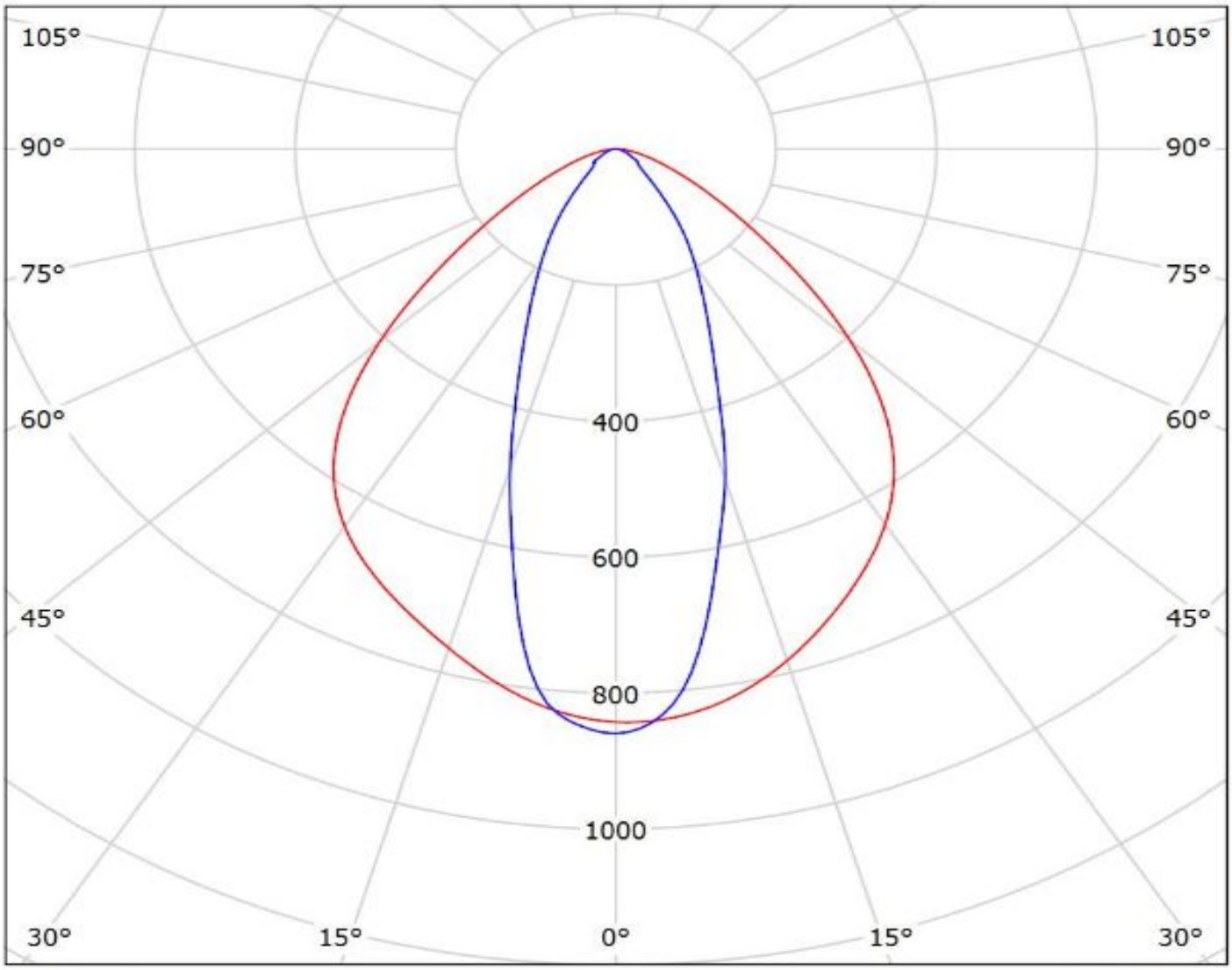


Luminaire: LEDiL Oy C14454_FLORENCE-1R-O _(Fortimo)
Lamps: 1 x
Philips_Fortimo_LED_line_1ft_1100lm_840_1R_LV2_1067.99lm@250mA_P=8.04281W_I=0.2498mA



Ledil C14454_FLORENCE-1R-O_(Seoul_3030) / LDC (Polar)

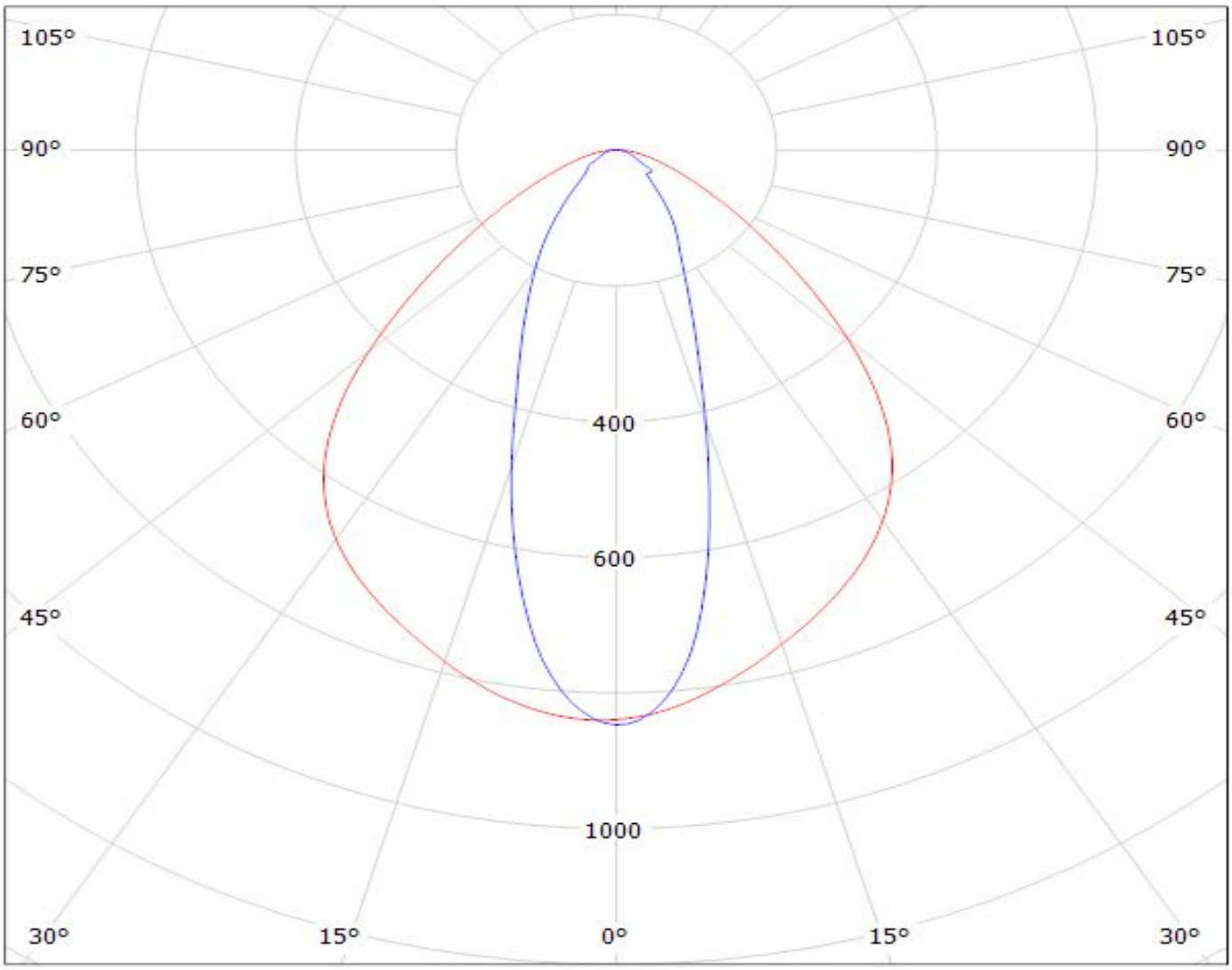
Luminaire: Ledil C14454_FLORENCE-1R-O_(Seoul_3030)
Lamps: 1 x Seoul_3030_x11_(STW8C2SA)_788.659lm@100mA_P=6.5W_I=0.1A



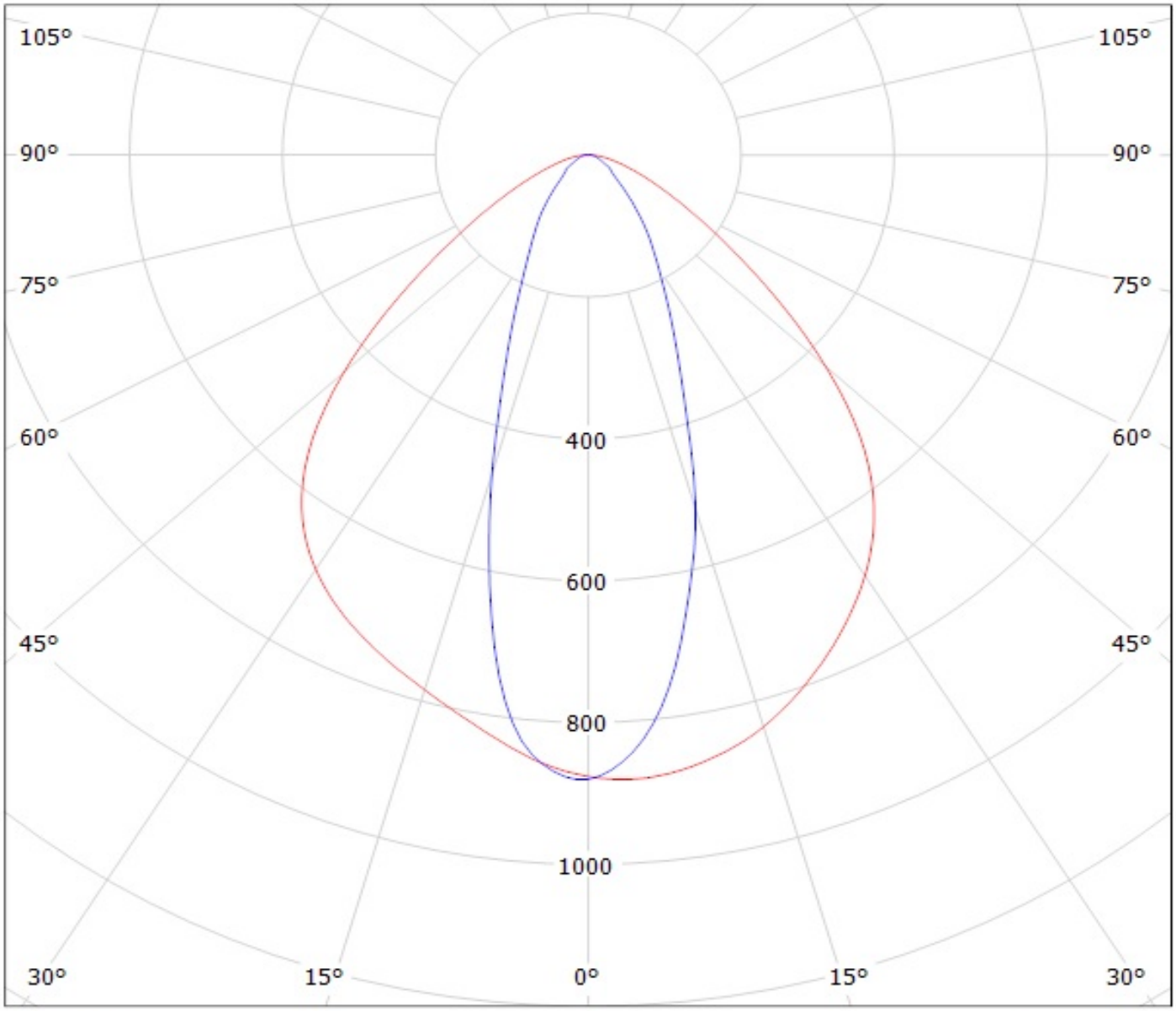
cd/klm
η = 90%
C0 - C180
C90 - C270

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.EC-LQLS-5H7I-1)
_1016.86lm@100mA_P=8W_I=0.1000A

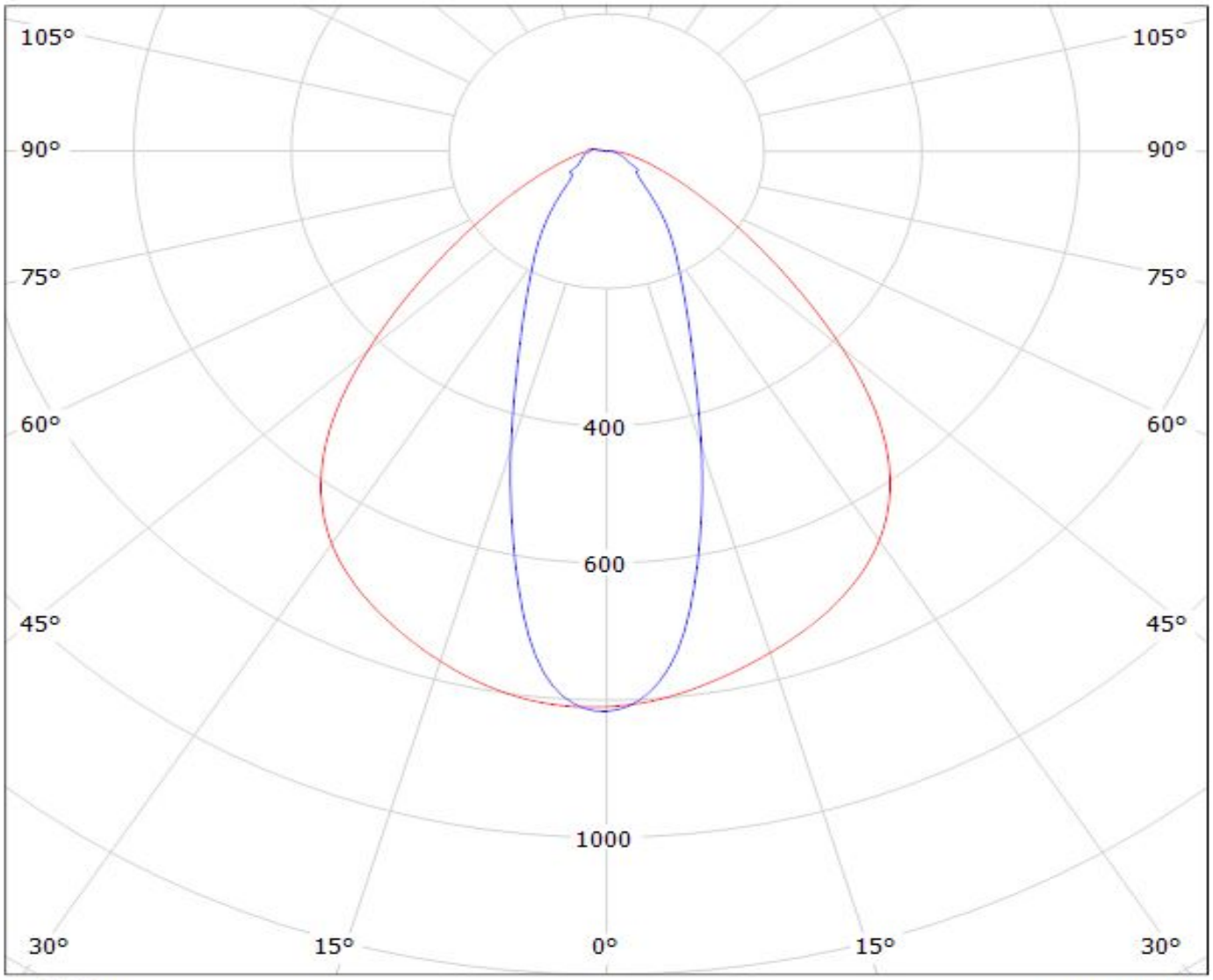


Luminaire: LEDiL Oy C14454_FLORENCE-1R-O_(LM302A)
Lamps: 1 x Samsung_LM302A_865.46lm@100mA_P=6.64694W_I=0.1001A



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



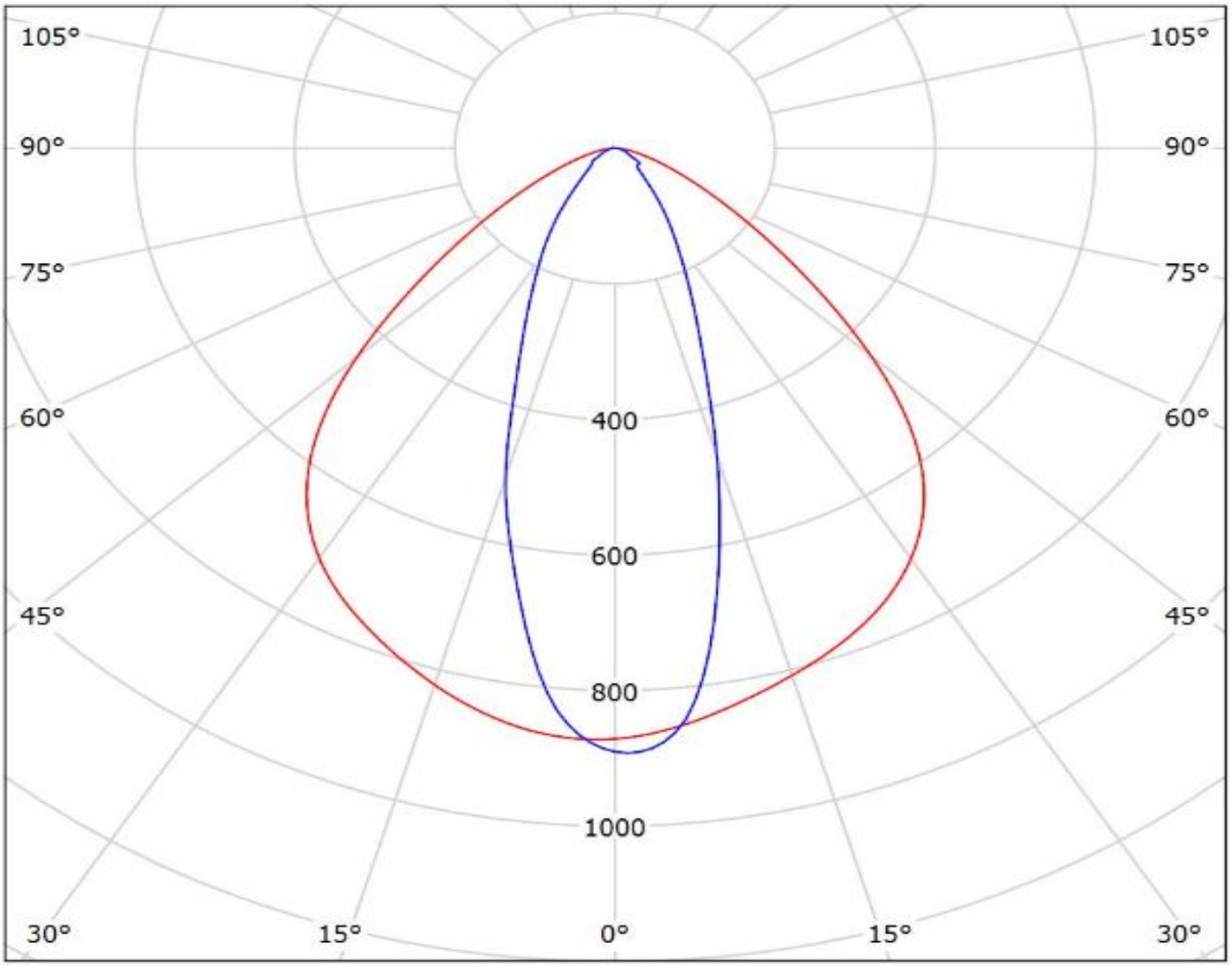
cd/klm

η = 97%

C0 - C180 C90 - C270

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



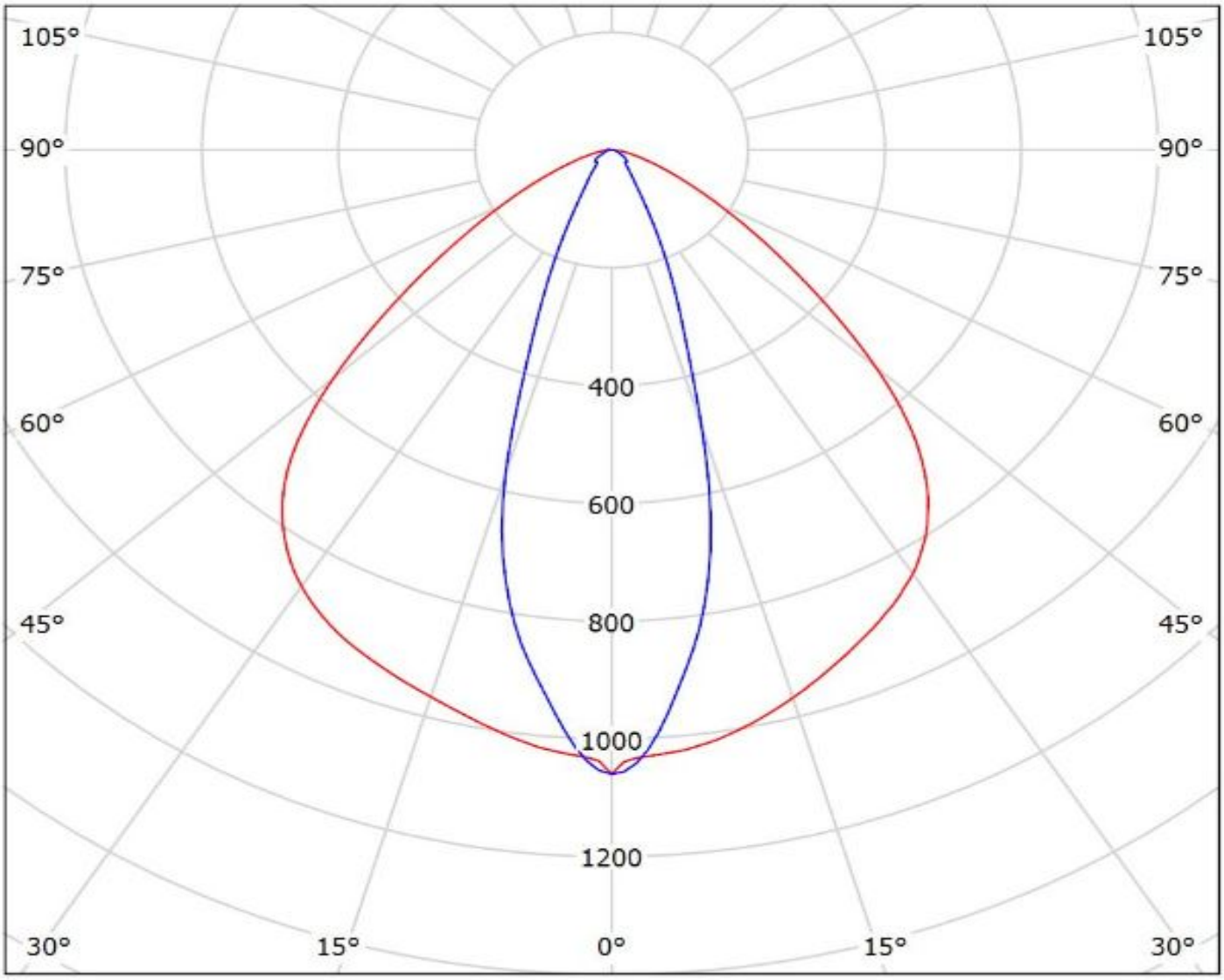
cd/klm

η = 91%

C0 - C180 C90 - C270

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

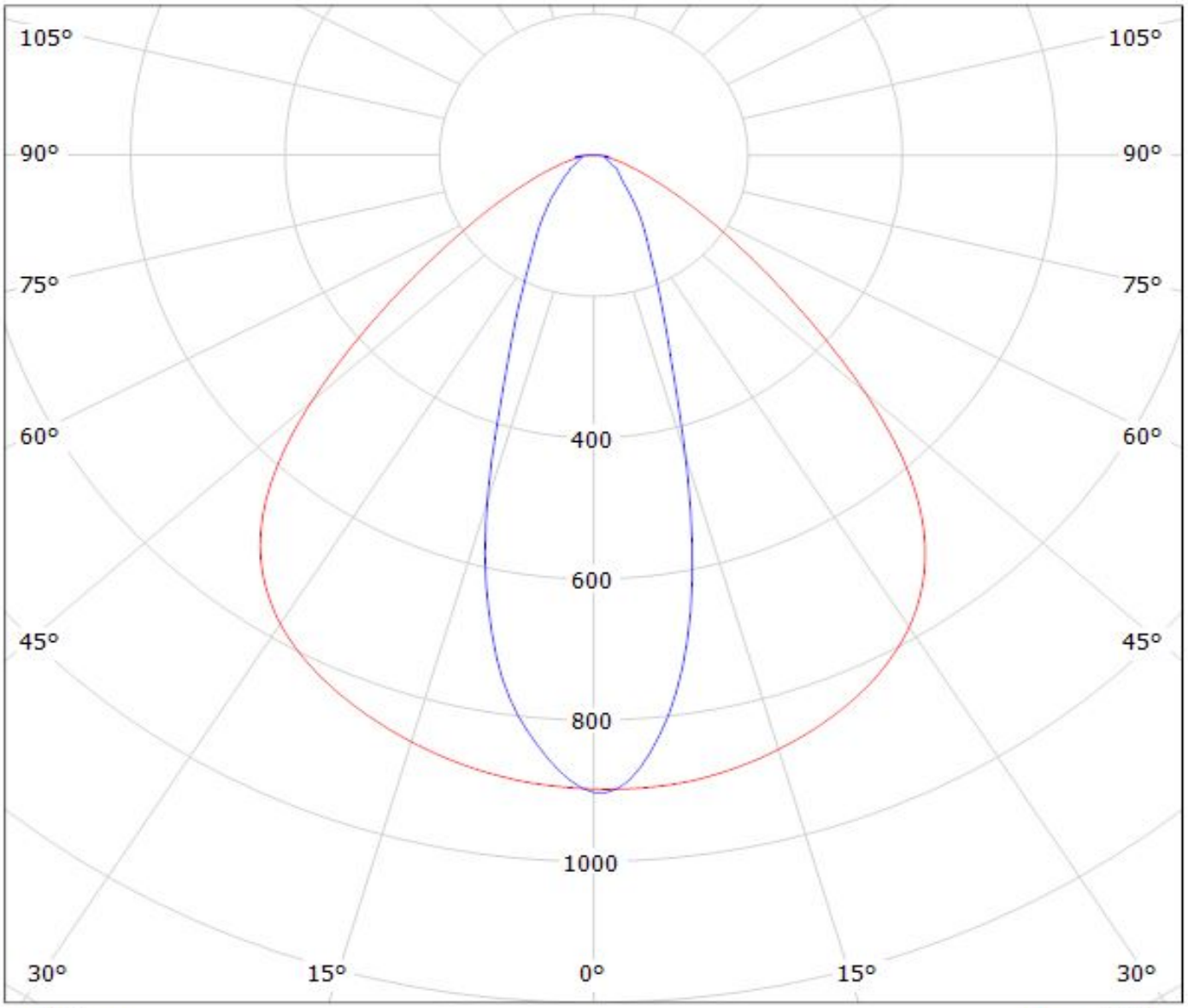


cd/klm

η = 92%

C0 - C180 C90 - C270

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

η = 95%

C0 - C180 C90 - C270

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.