

DETAILS

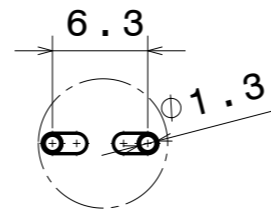
Product Number	F14112_FLORENCE-Z60
Family	Florence
Type	Lens
Color	clear
Diameter	286 x 61 mm
Height	8.5 mm
Style	rectang
Optic Material	
Holder Material	
Fastening	screw
Status	ready
ROHS Compliant	Yes
Date Updated	27/03/2015

OPTICAL PROPERTIES

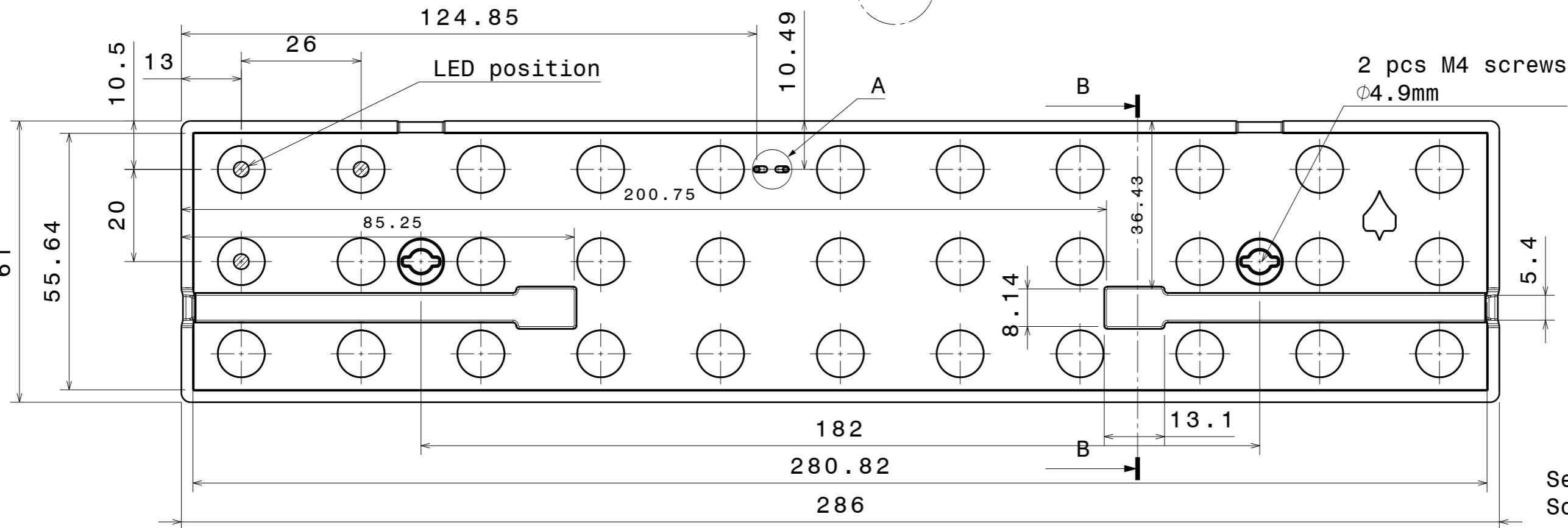
LED	Viewing Angle	Light Beam	Efficiency	cd/lm	Connector
LG 7030	sim: 65	Very Wide	-	sim: 0.810	-
XH-B/G	43 deg	Very Wide	87 %	0.860	-
LM231 A/B	56 deg	Very Wide	89 %	0.880	-
Luxeon 3535	57 deg	Very Wide	89 %	0.822	-
Luxeon 3030 2D	57 deg	Very Wide	88 %	0.830	-
Duris S5 (Single chip)	58 deg	Very Wide	89 %	0.820	-
NF2x757D	58 deg	Very Wide	92 %	0.847	-
MP-2016	58 deg	Very Wide	91 %	0.830	-
Duris E5	59 deg	Very Wide	89 %	0.800	-
Fortimo LED Line 1ft 650lm 8x0 3R xV2	59 deg	Very Wide	90 %	0.790	-
Luxeon XR-3535L (L202 - xxxx033C3000)	59 deg	Very Wide	93 %	0.830	-
STARK LLE-55-280-1650 CLASSIC	59 deg	Very Wide	91 %	0.780	-
LM561B	59 deg	Very Wide	86 %	0.770	-
LM362A	59 deg	Very Wide	85 %	0.766	-
LG 5630	59 deg	Very Wide	90 %	0.790	-
5630 (ASMU-LWG0-NxxE)	60 deg	Very Wide	91 %	0.780	-
LG 6030	61 deg	Very Wide	89 %	0.733	-
Fortimo LED Line 1ft 1100lm 8x0 3R xV261 deg		Very Wide	89 %	0.733	-



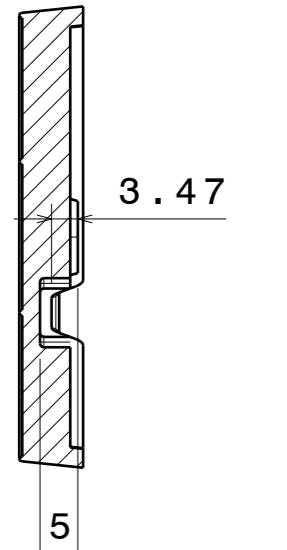
H G F E D C B A



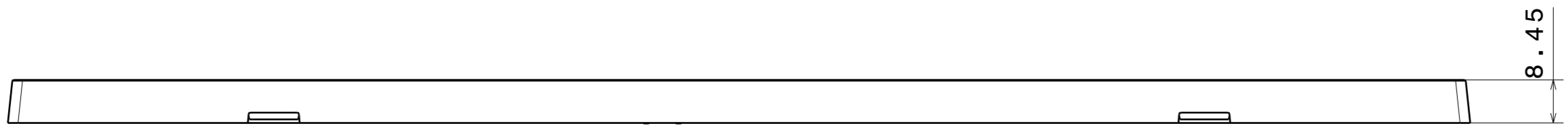
Detail A
Scale: 2:1



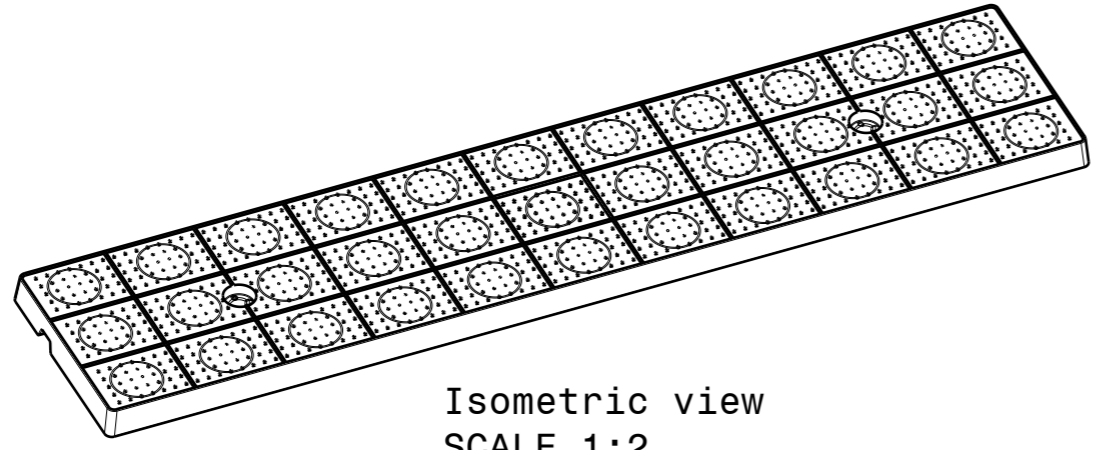
Bottom view



Section view B-B
Scale: 1:1



Front view



Isometric view
SCALE 1:2

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

LEDiL	LediL Oy Salorankatu 10 FIN 24240 SALO Finland		
	DRAWING TITLE Datasheet_FLORENCE-Z		

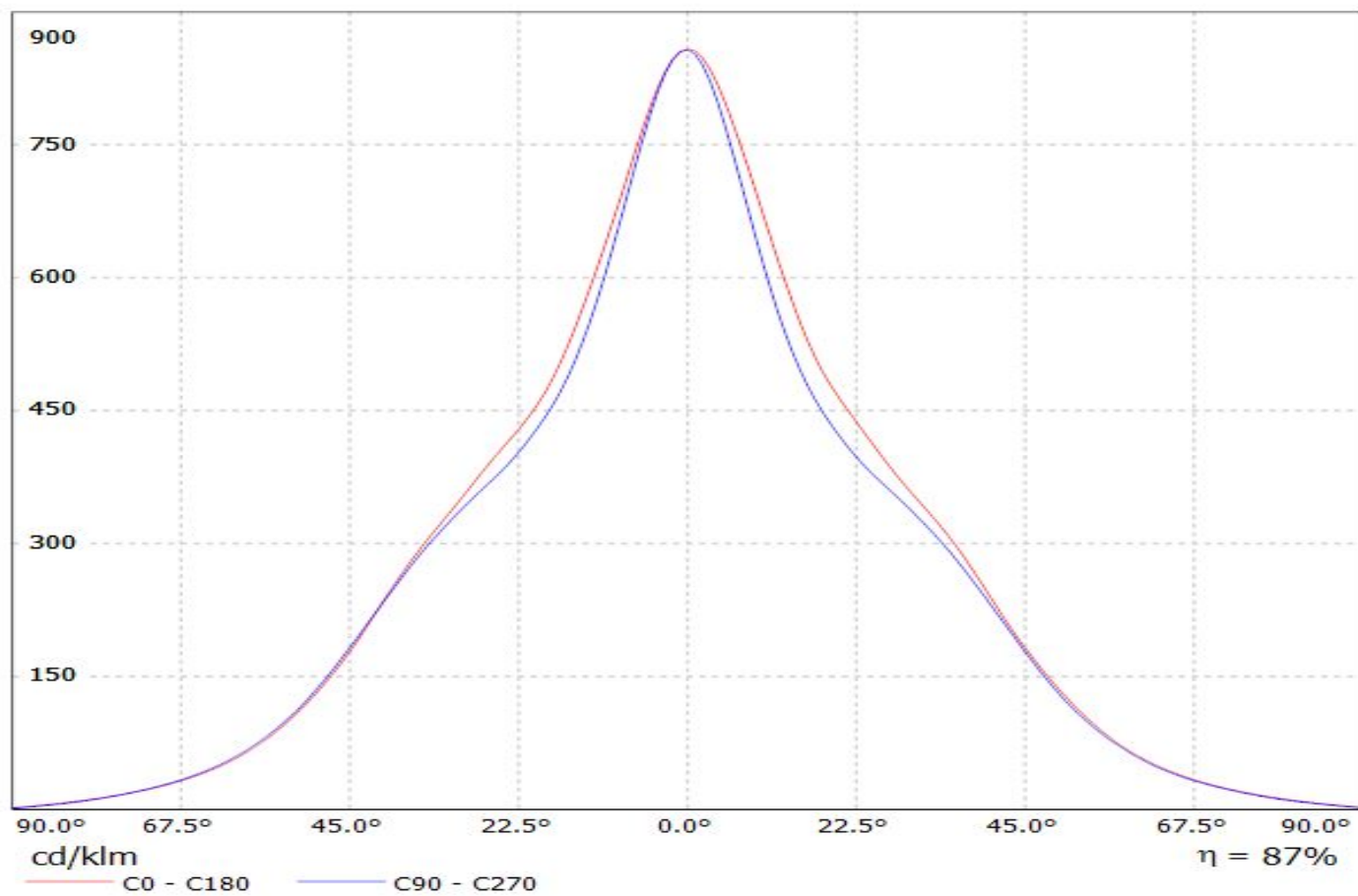
THIRD ANGLE PROJECTION:

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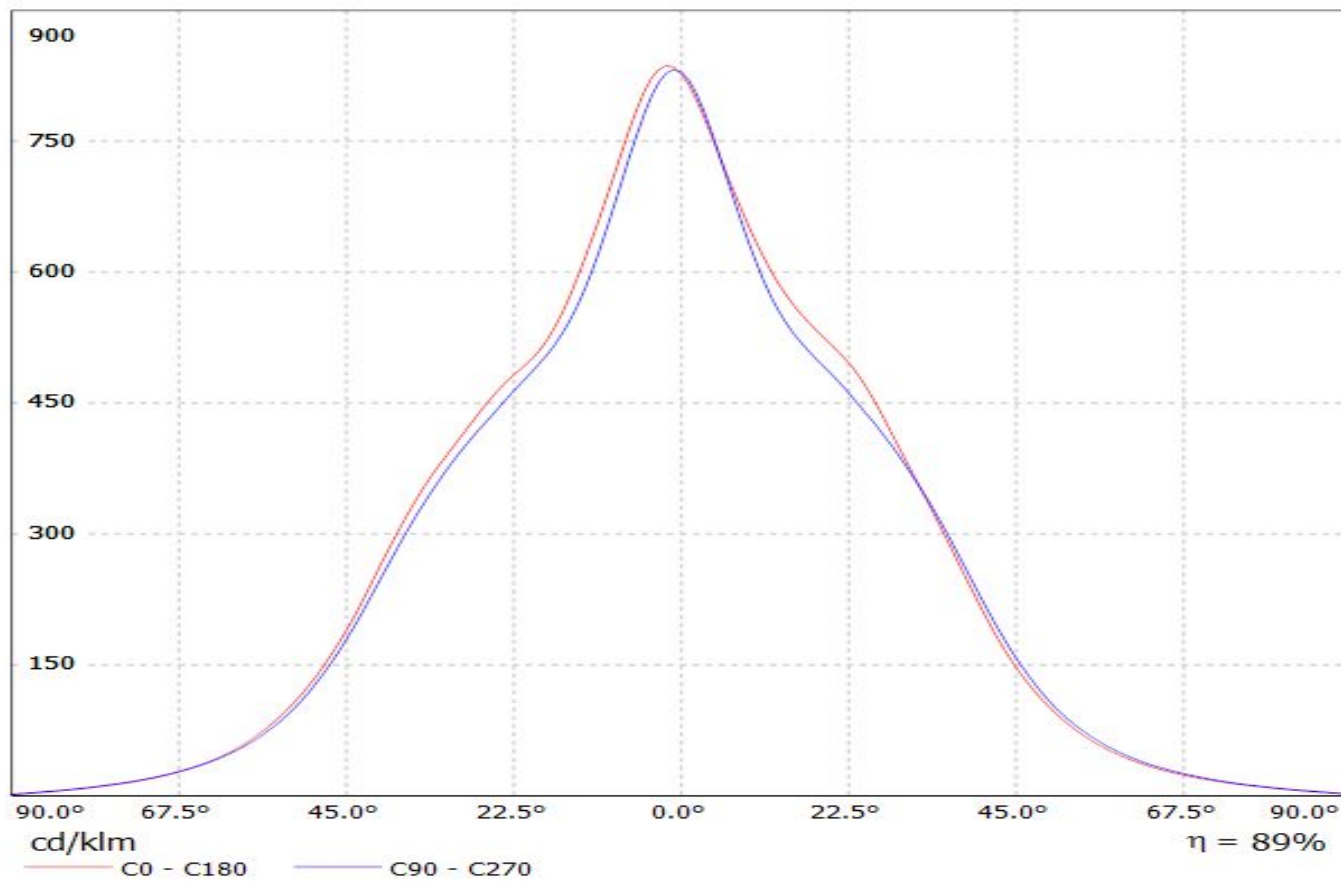
SIZE	PART NUMBER		
A3	MechanicalModel		
SCALE	1:1	WEIGHT (g)	SHEET 1/1

H G B A

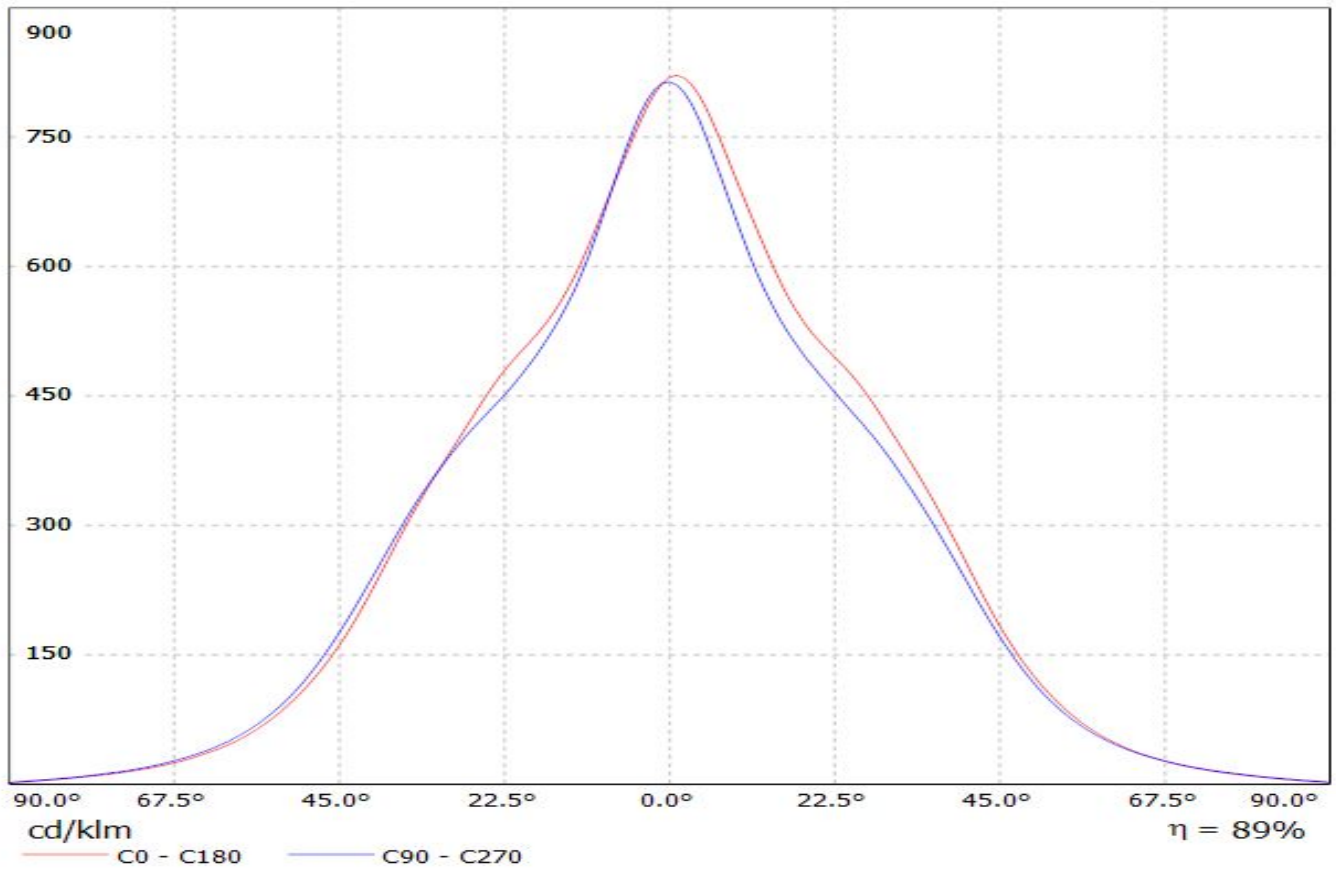
Luminaire: LEDiL Oy F14112_Florence-Z60_(XH-G) Eff.87.4%
Lamps: 1 x CREE_XH-G_(XHGAWT-0-7B4-J30-0H-0001)_1055.65lm@250mA_P=8.1195W_I=249.8mA



Luminaire: LEDiL Oy F14112_FLORENCE-Z60_(LM231B) Eff.88.8%
Lamps: 1 x SAMSUNG_LM231B_571.834lm@150mA_P=4.62435W_I=150mA

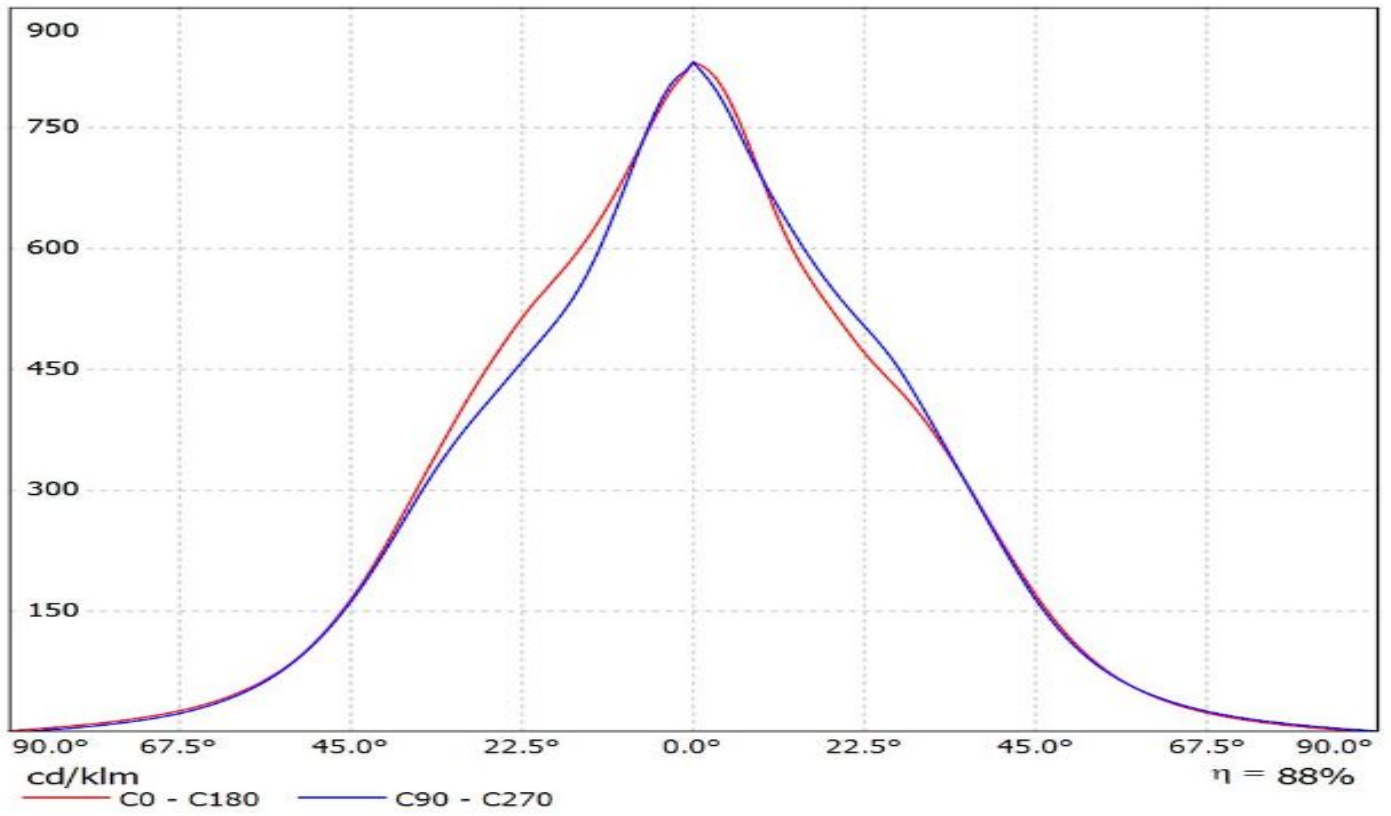


Luminaire: LEDiL Oy F14112_FLORENCE-Z60_(LUXEON_3535_2D) Eff.88.8%
Lamps: 1 x LUXEON_3535_2D_1513.88lm@200mA_P=12.7114W_I=199.9mA

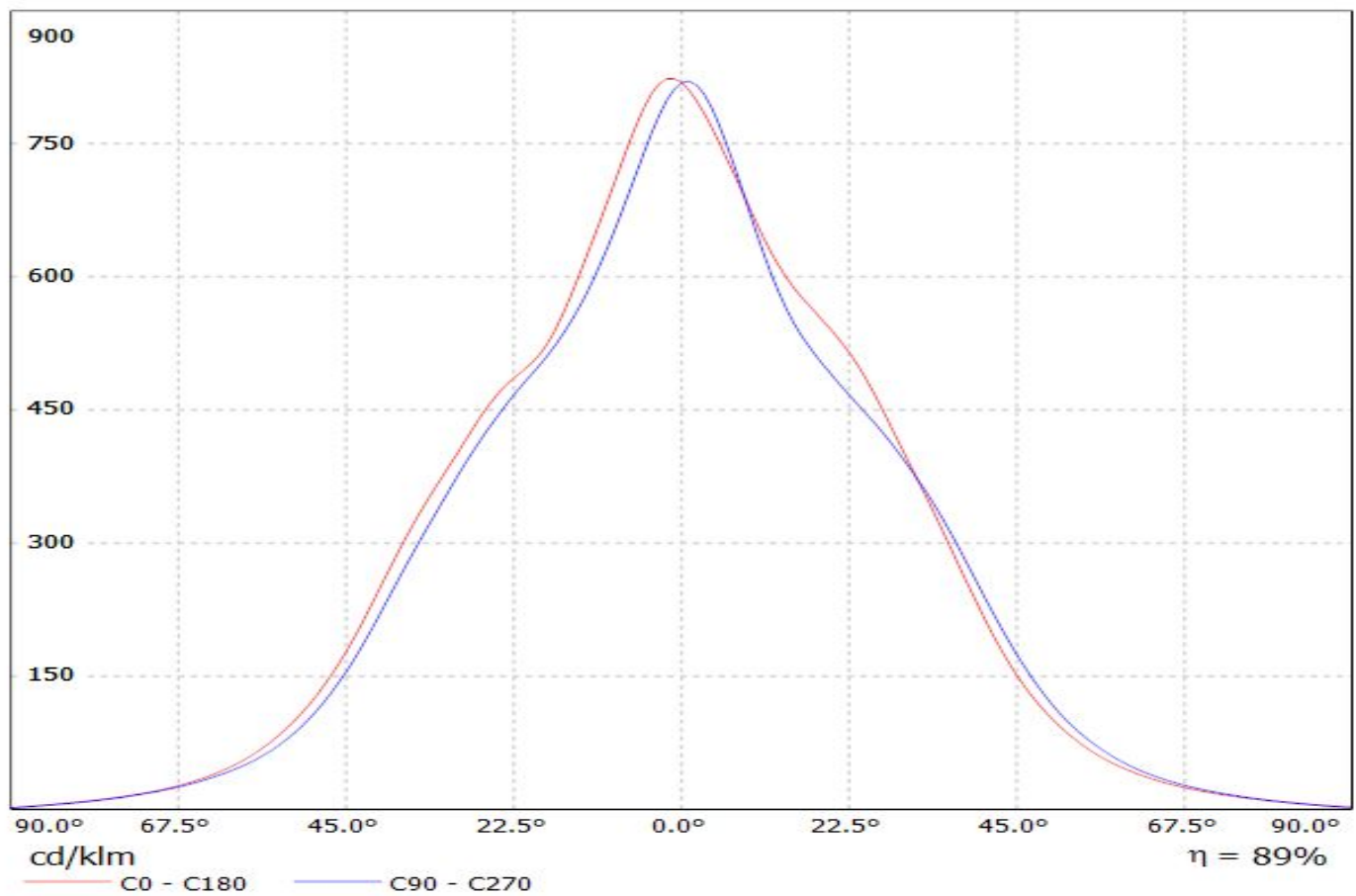


Ledil F14112_FLORENCE-Z60_(Luxeon_3030_2D) / LDC (Linear)

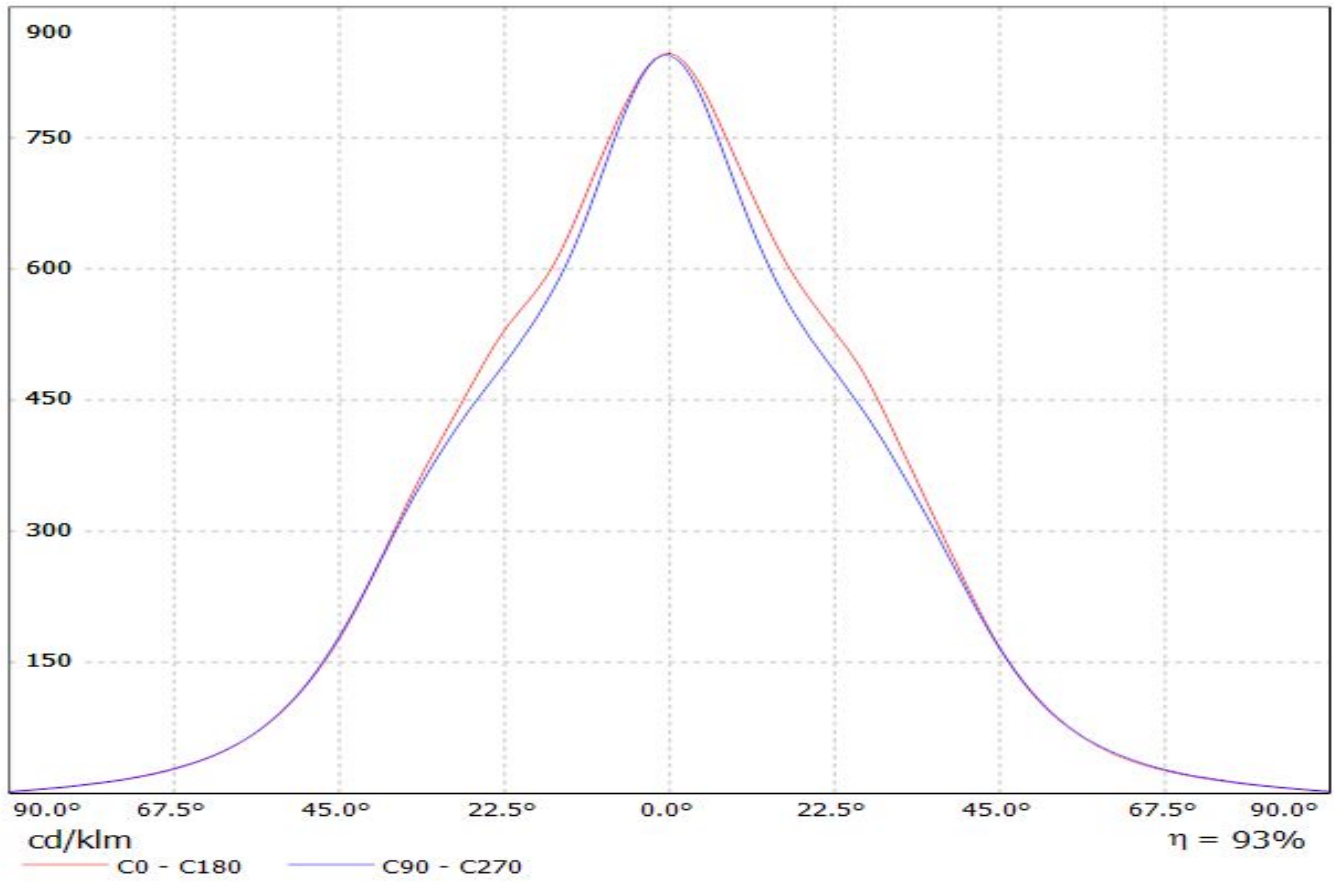
Luminaire: Ledil F14112_FLORENCE-Z60_(Luxeon_3030_2D)
Lamps: 1 x Luxeon_3030_2D_3x11_(L130-4080003000W21)
_2150lm@300mA_CCT=4000K_P=12.8W_I=0.3A



Luminaire: LEDiL Oy F14112_FLORENCE-Z60_(DURIS_S5) Eff.88.8%
Lamps: 1 x DURIS_S5_500.39lm@120mA_P=3.76814W_I=120.1mA



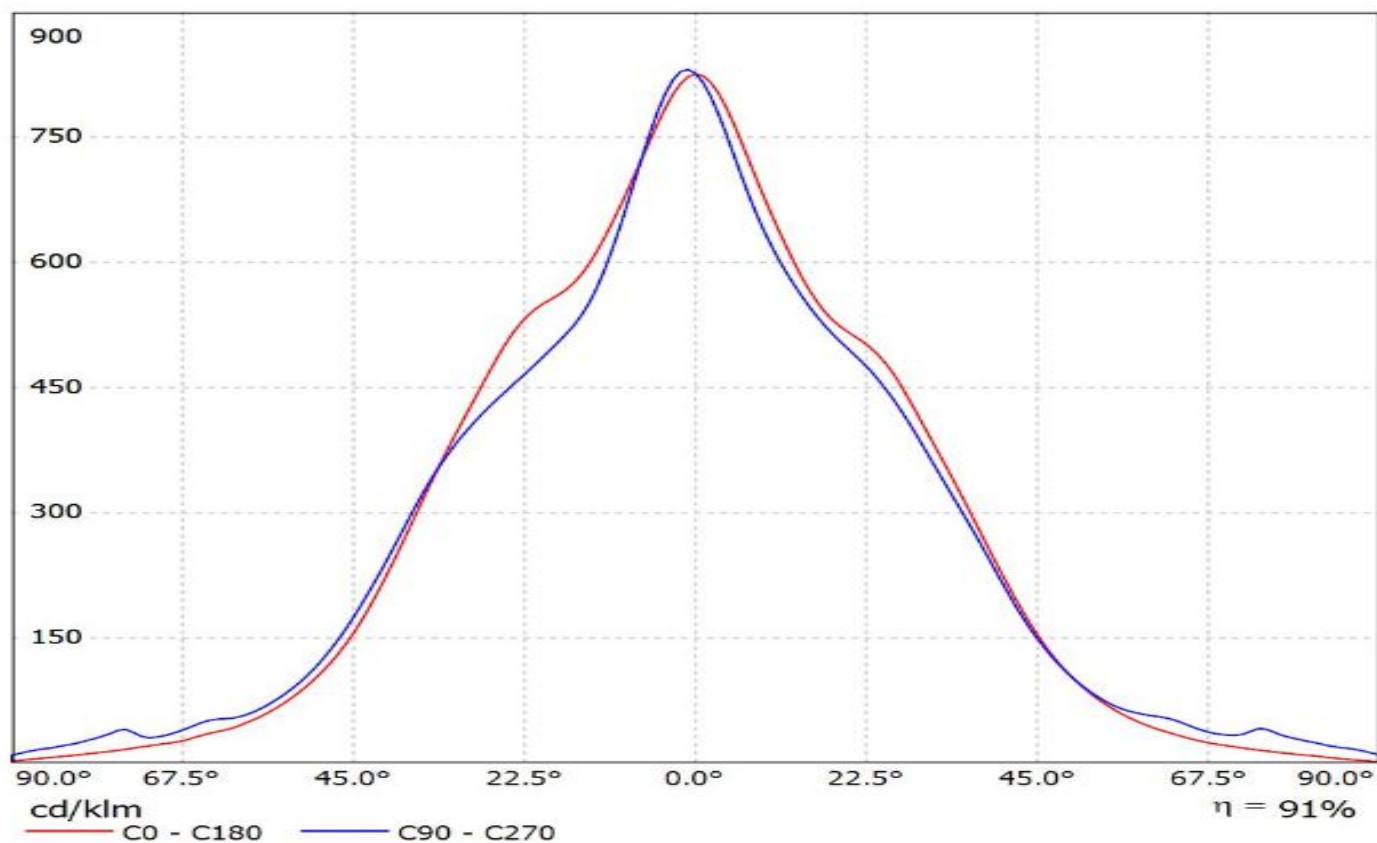
Luminaire: LEDiL Oy F14112_FLORENCE-Z60_(Nichia757)
Lamps: 1 x NICHIA_757 (NT2W757DRT) 1387lm@150mA



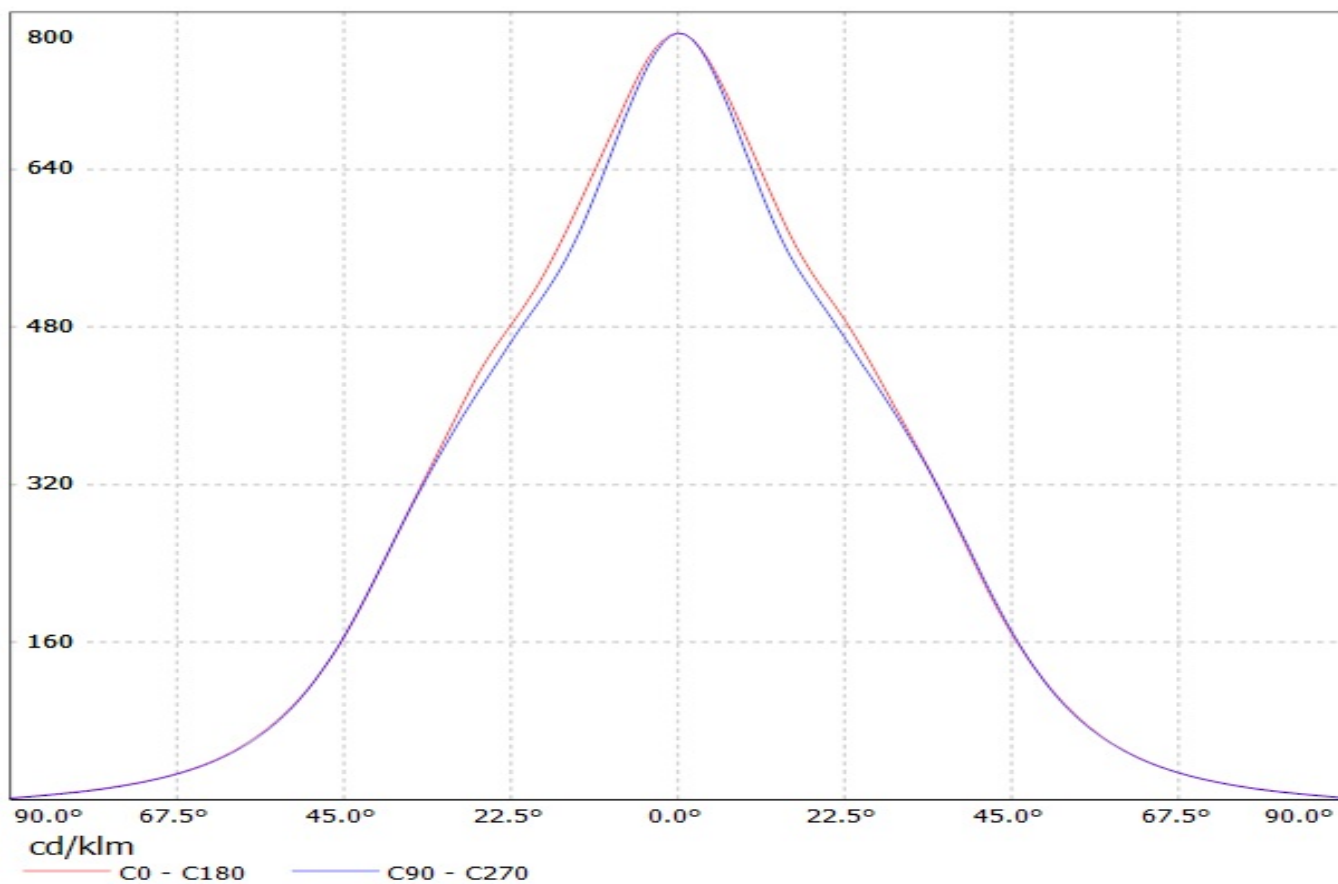
Ledil F14112_FLORENCE-Z60_(MP-2016) / LDC (Linear)

Luminaire: Ledil F14112_FLORENCE-Z60_(MP-2016)

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

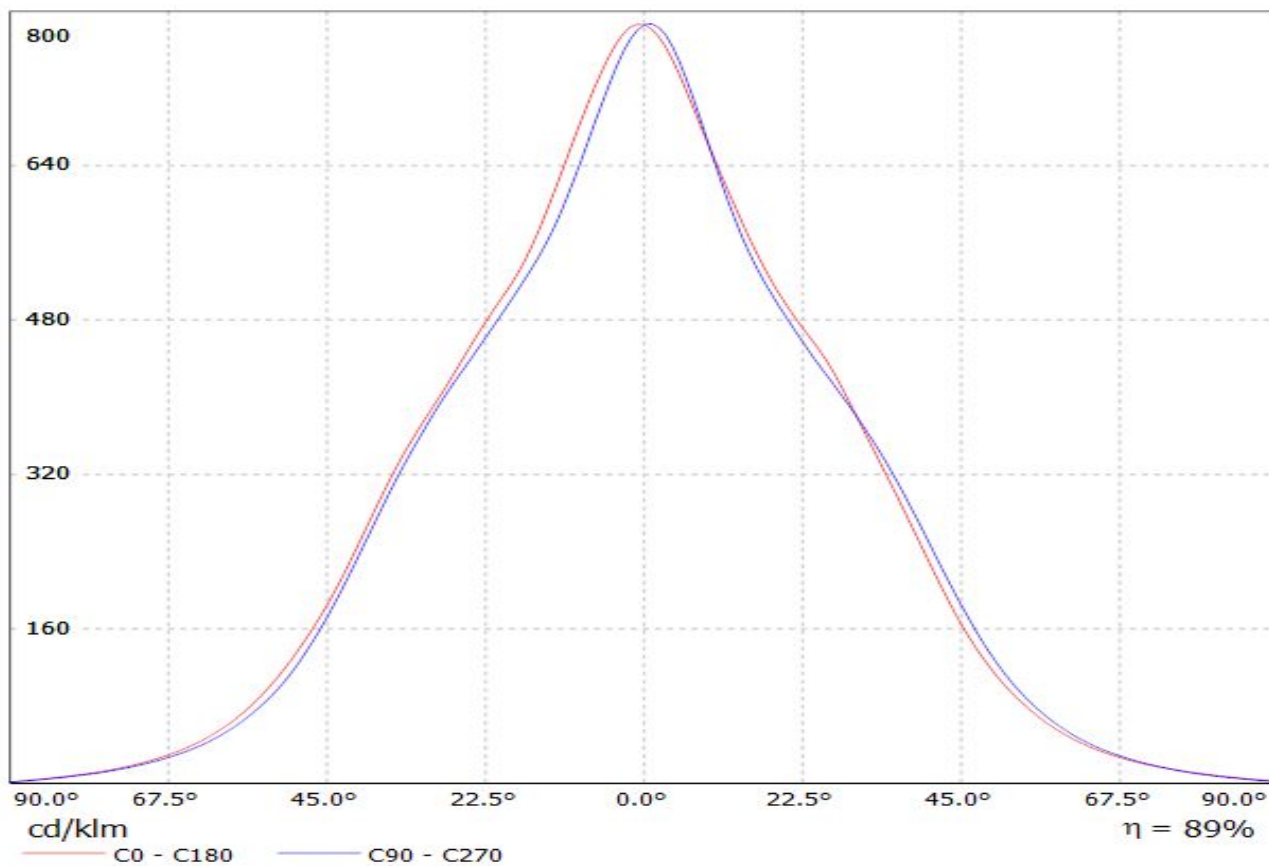


Luminaire: LEDiL Oy F14112_FLORENCE-Z60_(DURIS_E5) Eff. 89%
Lamps: 1 x Osram_DURIS_E5_567.032lm@120mA_P=3.6693W_I=120.1mA



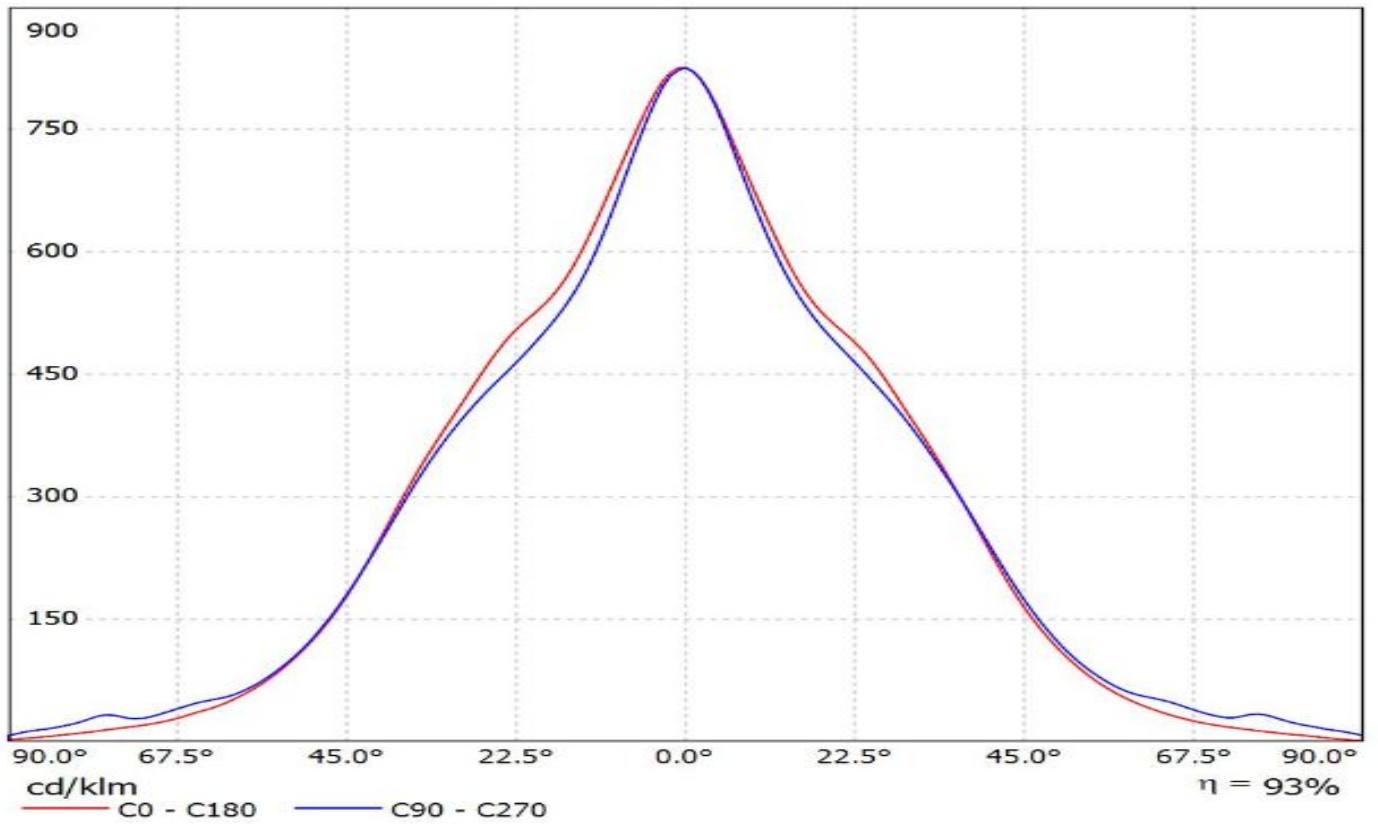
Luminaire: LEDiL Oy F14112_Florence-Z60 Eff.89.5%

Lamps: 1 x PHILIPS Fortimo LED Line 1ft 650lm 840 3R HV2 1011.03lm@250mA P=8.41224W I=250.7mA



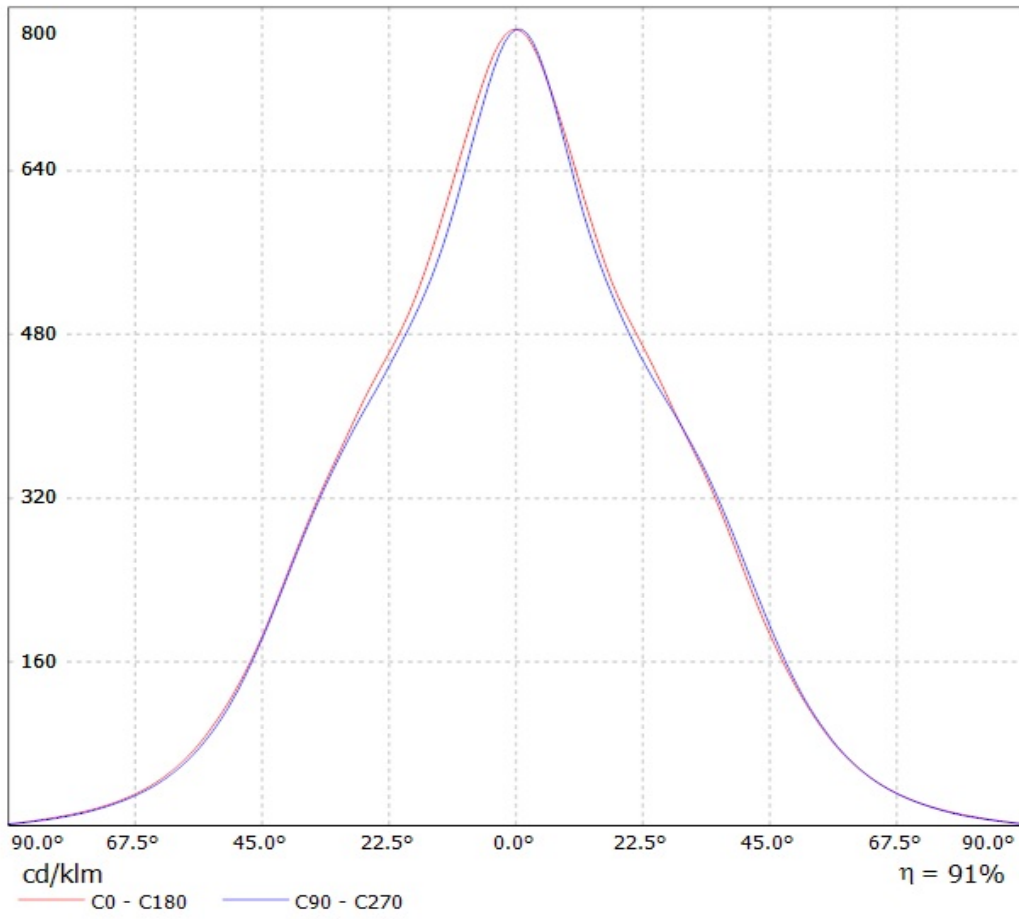
Ledil F14112_FLORENCE-Z60_(Luxeon_XR-3535L) / LDC (Linear)

Luminaire: Ledil F14112_FLORENCE-Z60_(Luxeon_XR-3535L)
Lamps: 1 x Lumileds_Luxeon_XR-3535L_3x11_(L202-3080033C30001)
_1087.37lm@250mA_CCT=3000K_P=8.15W_I=0.25A

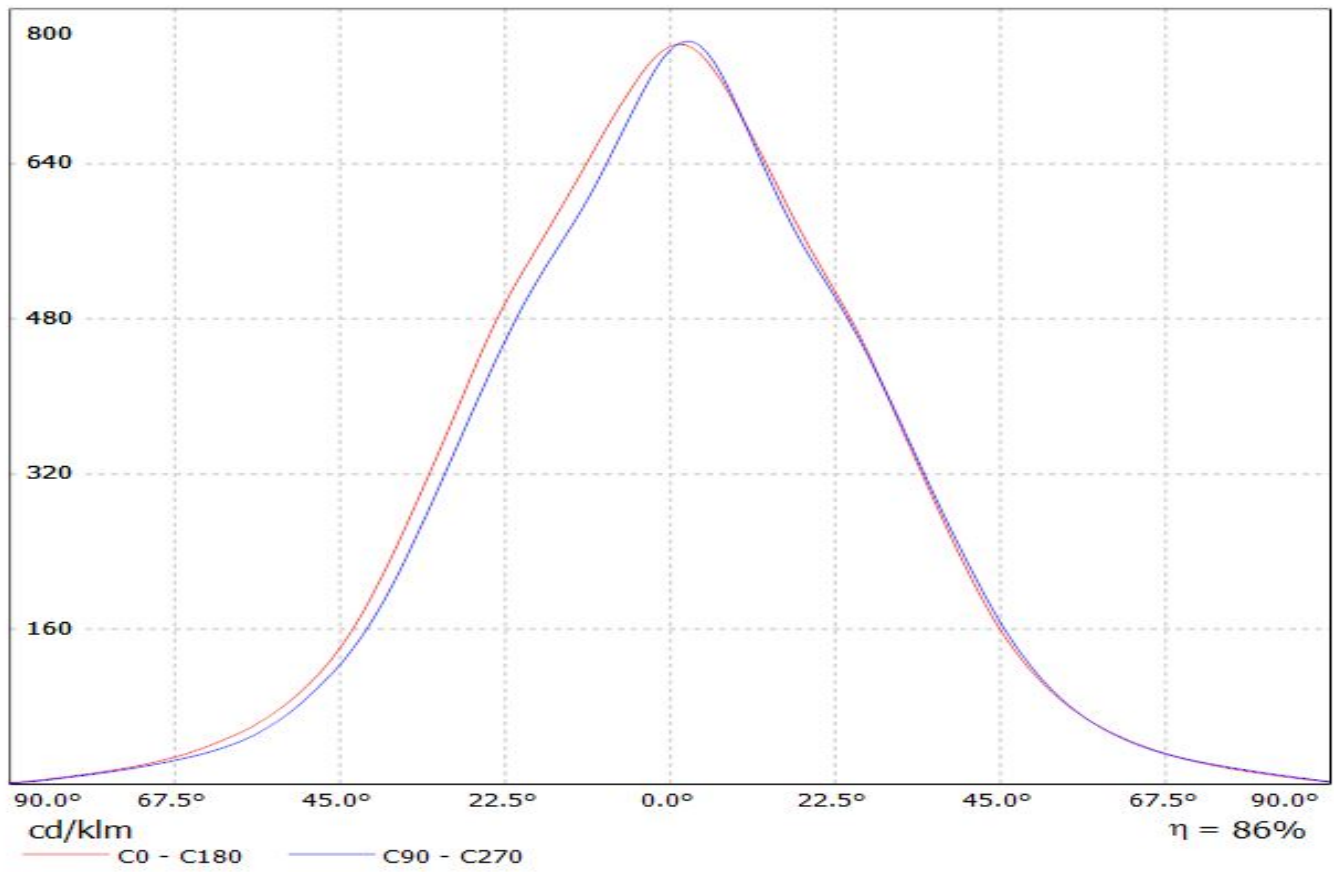


Luminaire: LEDiL Oy F14112_FLORENCE-Z60_(LLE-55-280-1650)

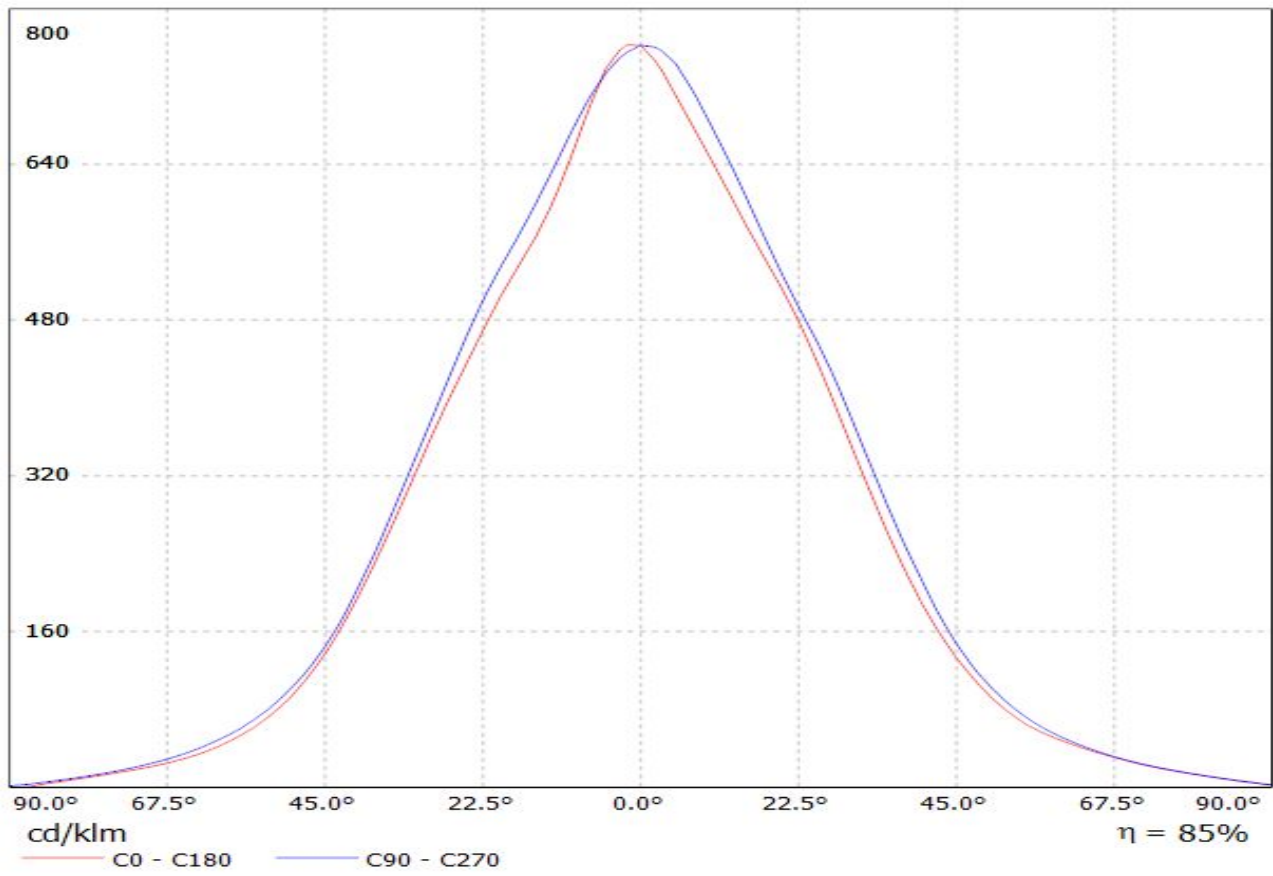
Lamps: 1 x Tridonic_STARK_LLE-55-280-1650_(STARK_LLE-55-280-1650-840-CLA)_1478.34lm@325lm_CCT=4000K_P=10.1908W_I=324.9mA



Luminaire: LEDiL Oy F14112_FLORENCE-Z60_(SAMSUNG_LM561B)
Lamps: 1 x SAMSUNG_LM561B_679.266lm@150mA_P=4.6185W_I=150mA

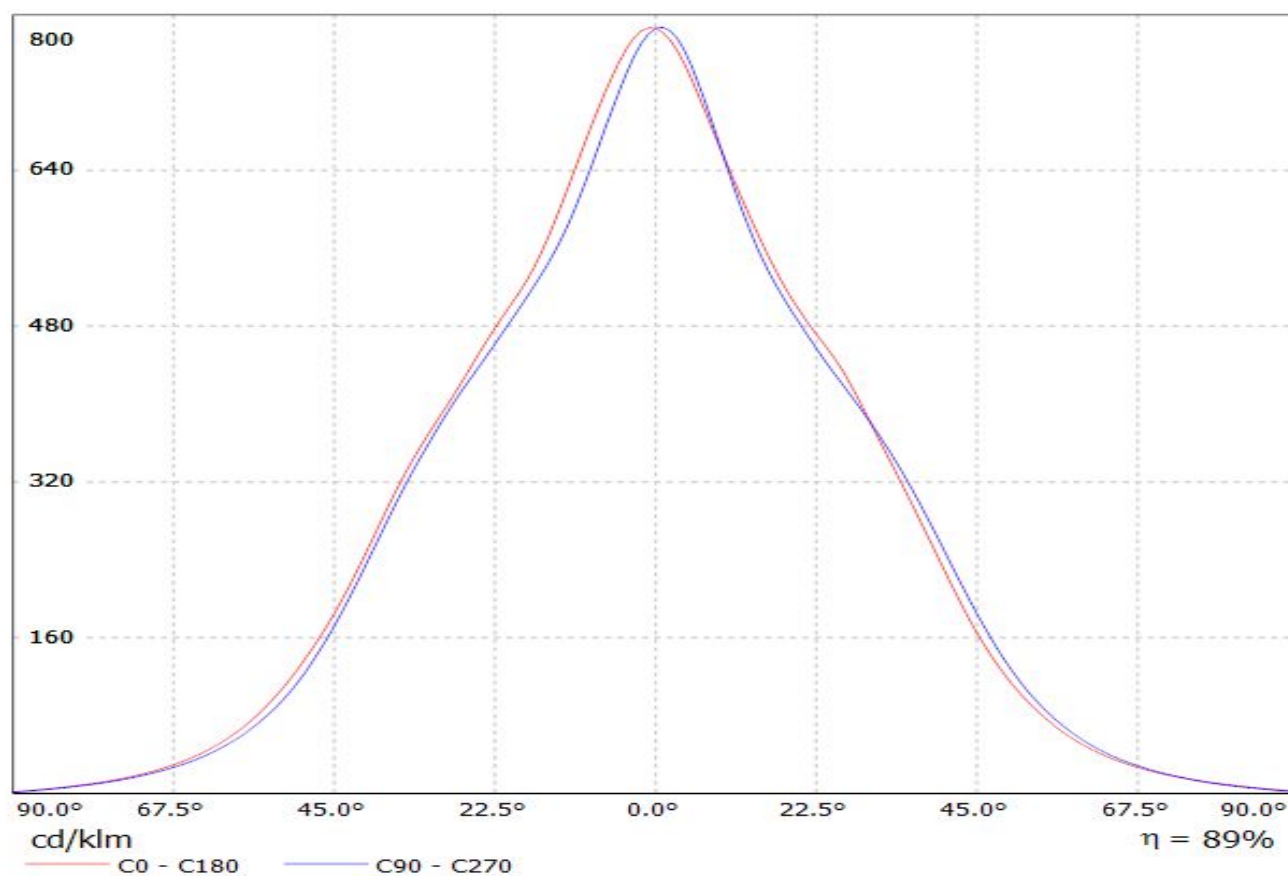


Luminaire: LEDiL Oy F14112_FLORENCE-Z60_(SAMSUNG_LM362A)
Lamps: 1 x SAMSUNG_LM362A 1387lm@200mA P:12W

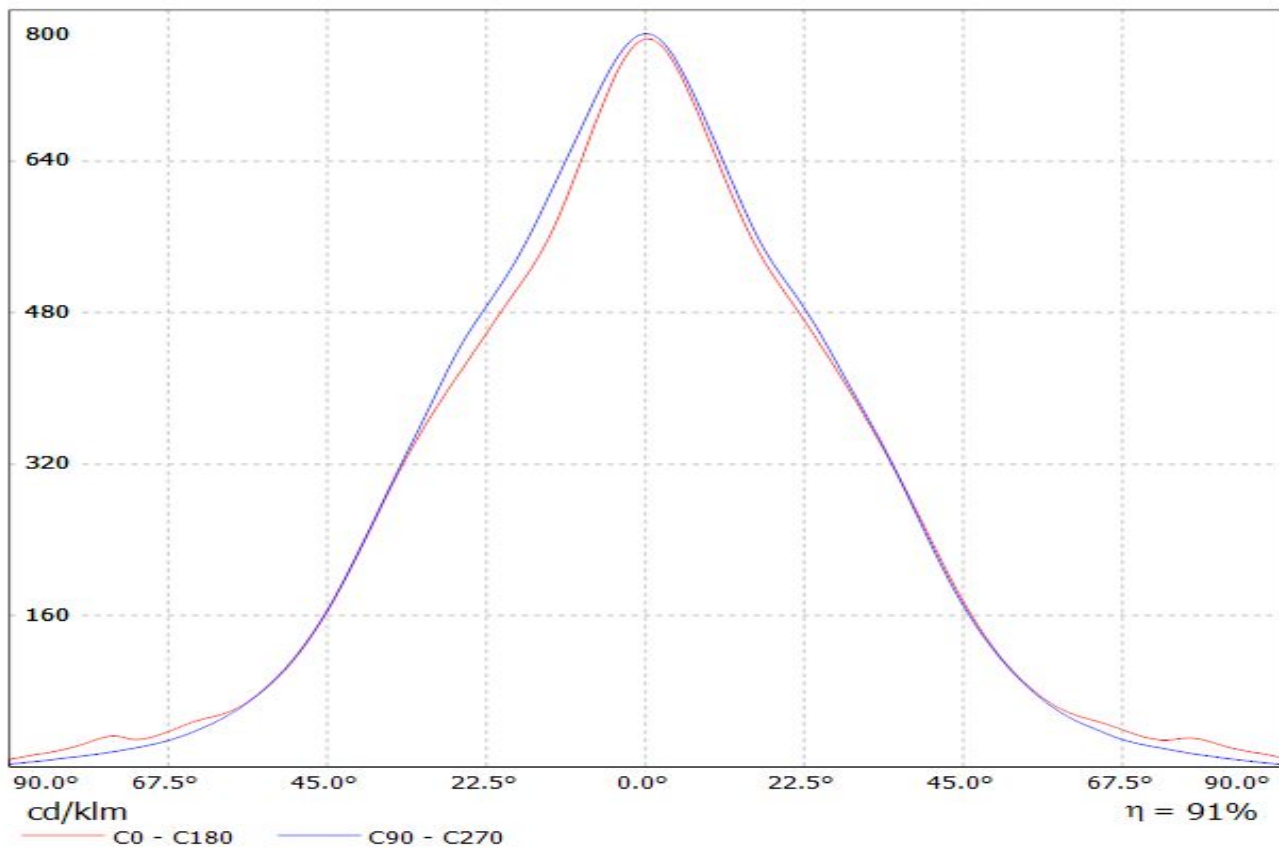


Luminaire: LEDiL Oy F14112_Florence-Z60 Eff.89.5%

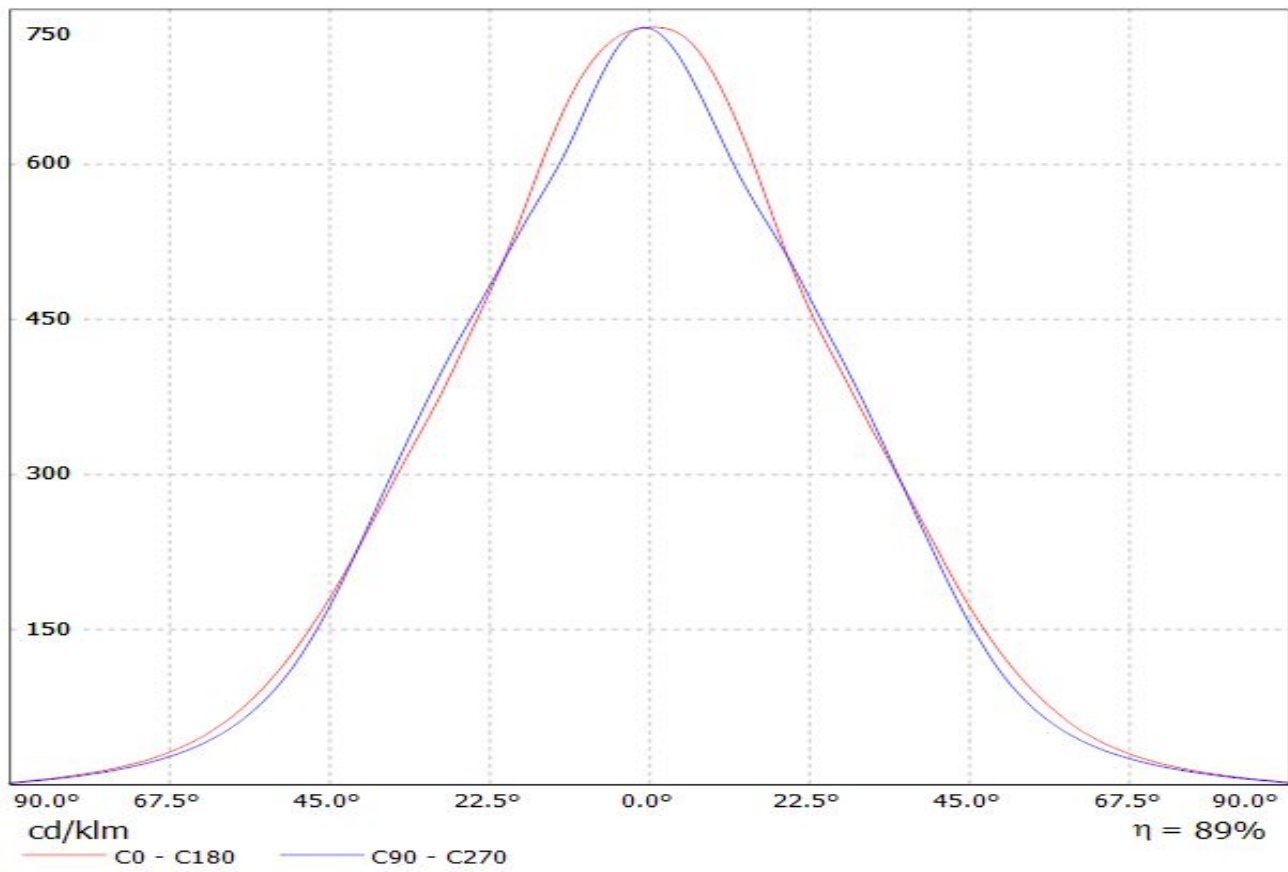
Lamps: 1 x FLORENCE_FORTIMO_(LG_5630)_1011.03lm@250mA P=8.41224W I=250.7mA



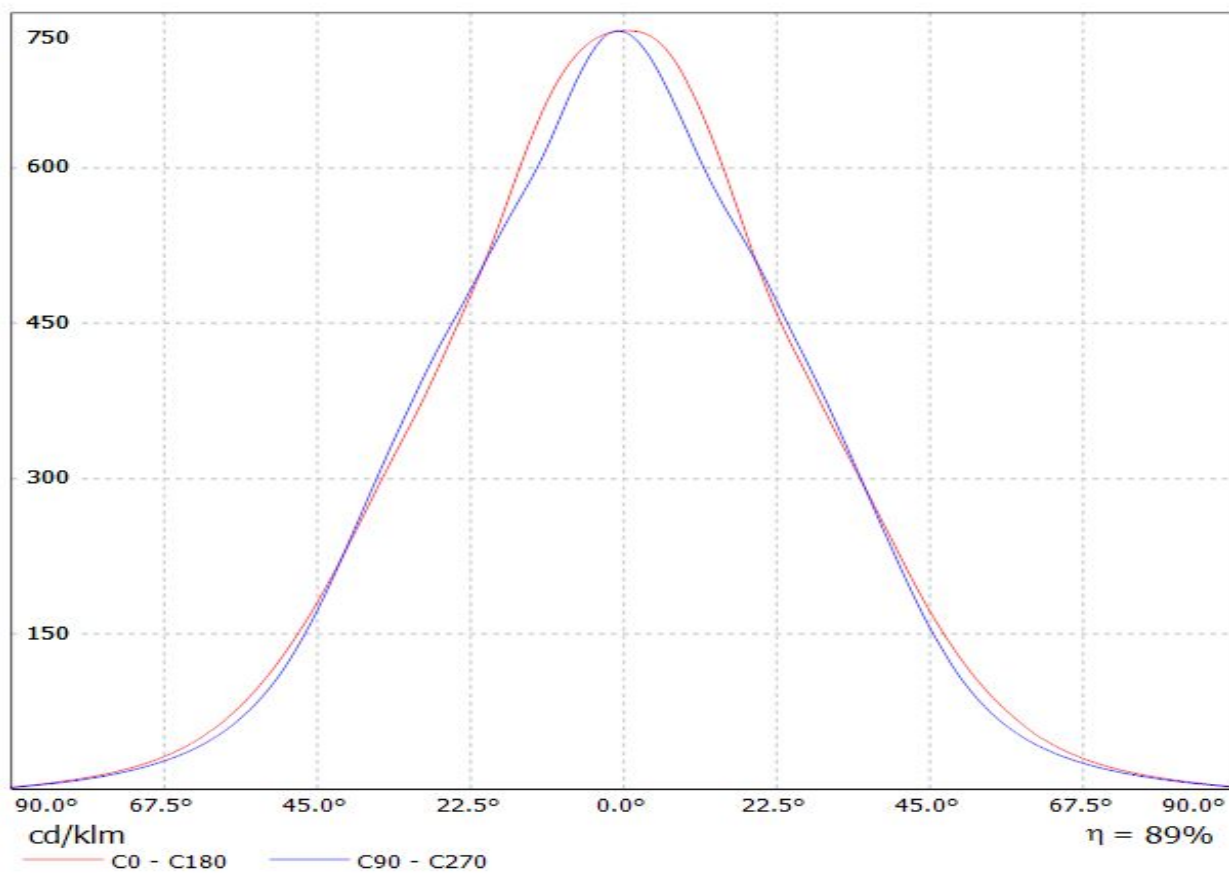
Luminaire: LEDiL Oy F14112_FLORENCE-Z60_(AVAGO 5630 0.5W)
Lamps: 1 x AVAGO ASMU-LWG0-NxxxE 1677.82lm@420mA 34.8V



Luminaire: LEDiL Oy F14112_FLORENCE-Z60_(LG_6030) Eff 89.0%
Lamps: 1 x LG_6030_(LEWMS68T80HZ)_1031.47lm@240mA_CCT=5000K_P=7.54368W_I=240mA

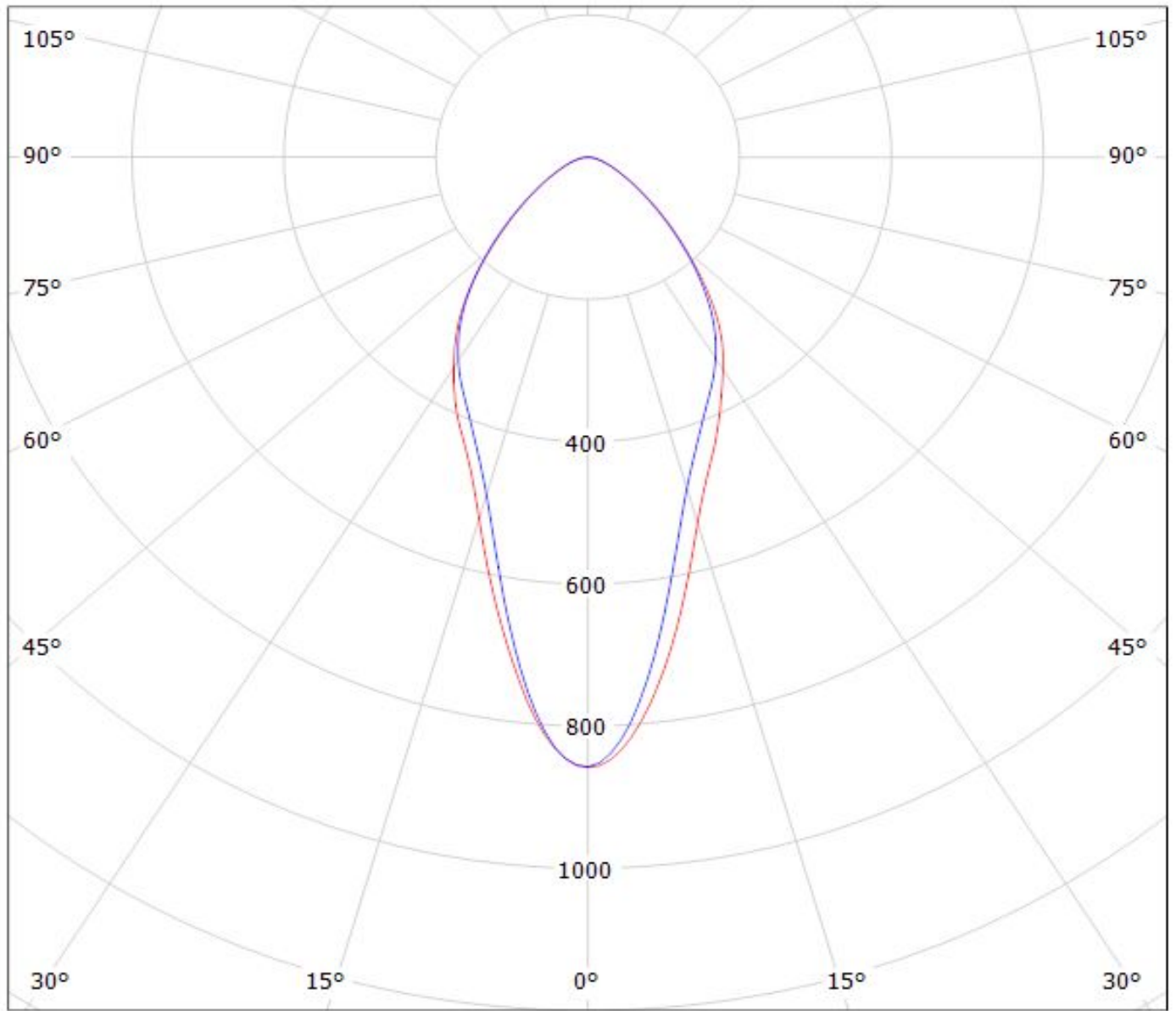


Luminaire: LEDiL Oy F14112_FLORENCE-Z60 Eff.89.0%
Lamps: 1 x Fortimo_LED_Line_1ft_1100lm_3R_HV2_1031.47lm@240mA_CCT=5000K_P=7.54368W_I=240mA



Luminaire: LEDiL Oy F14112_Florence-Z60_(XH-G) Eff.87.4%

Lamps: 1 x CREE_XH-G_(XHGAWT-0-7B4-J30-0H-0001)_1055.65lm@250mA_P=8.1195W_I=249.8mA



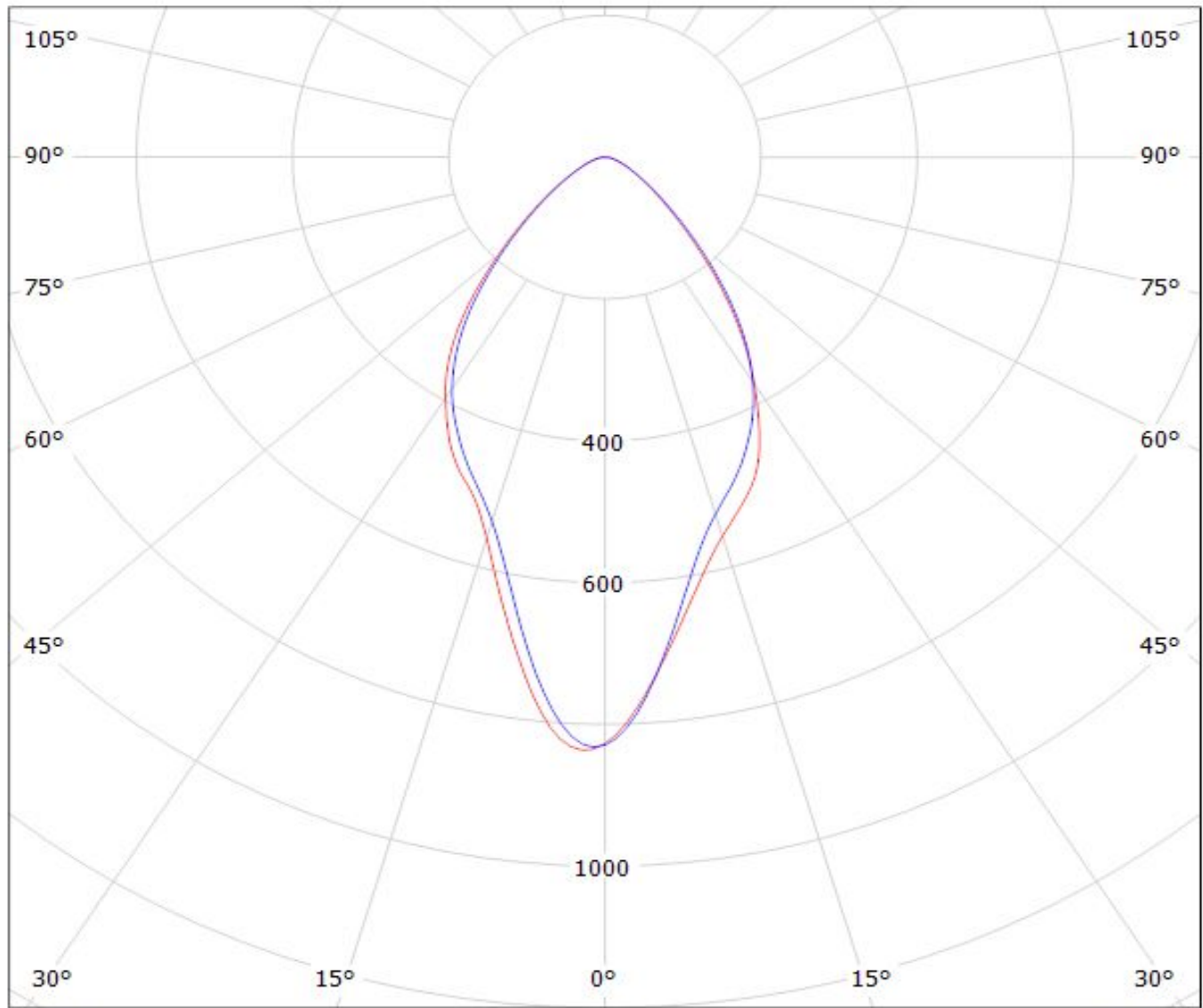
cd/klm

$\eta = 87\%$

— C0 - C180

— C90 - C270

Luminaire: LEDiL Oy F14112_FLORENCE-Z60_(LM231B) Eff.88.8%
Lamps: 1 x SAMSUNG_LM231B_571.834lm@150mA_P=4.62435W_I=150mA

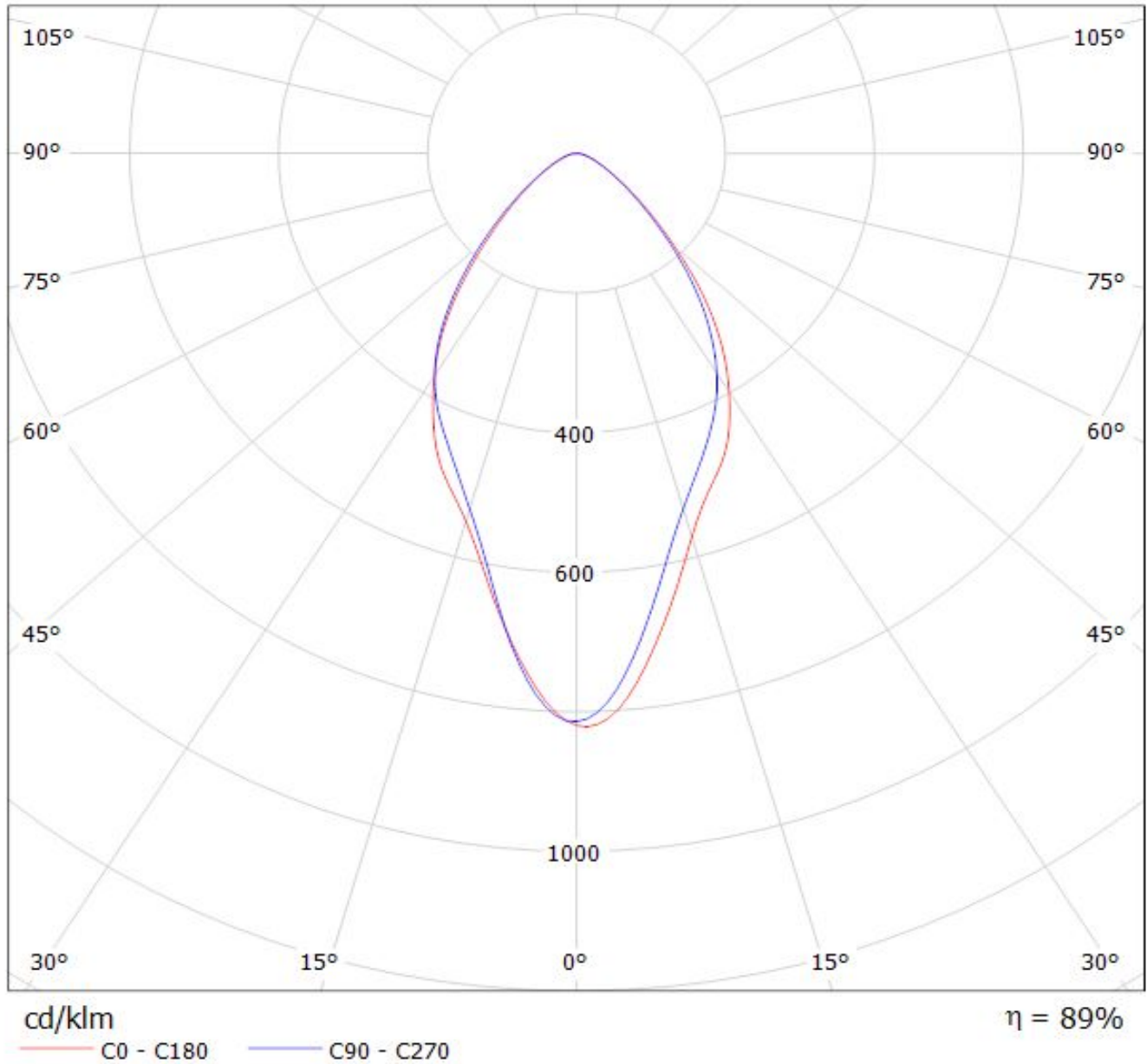


cd/klm

— C0 - C180 — C90 - C270

$\eta = 89\%$

Luminaire: LEDiL Oy F14112_FLORENCE-Z60_(LUXEON_3535_2D) Eff.88.8%
Lamps: 1 x LUXEON_3535_2D_1513.88lm@200mA_P=12.7114W_I=199.9mA

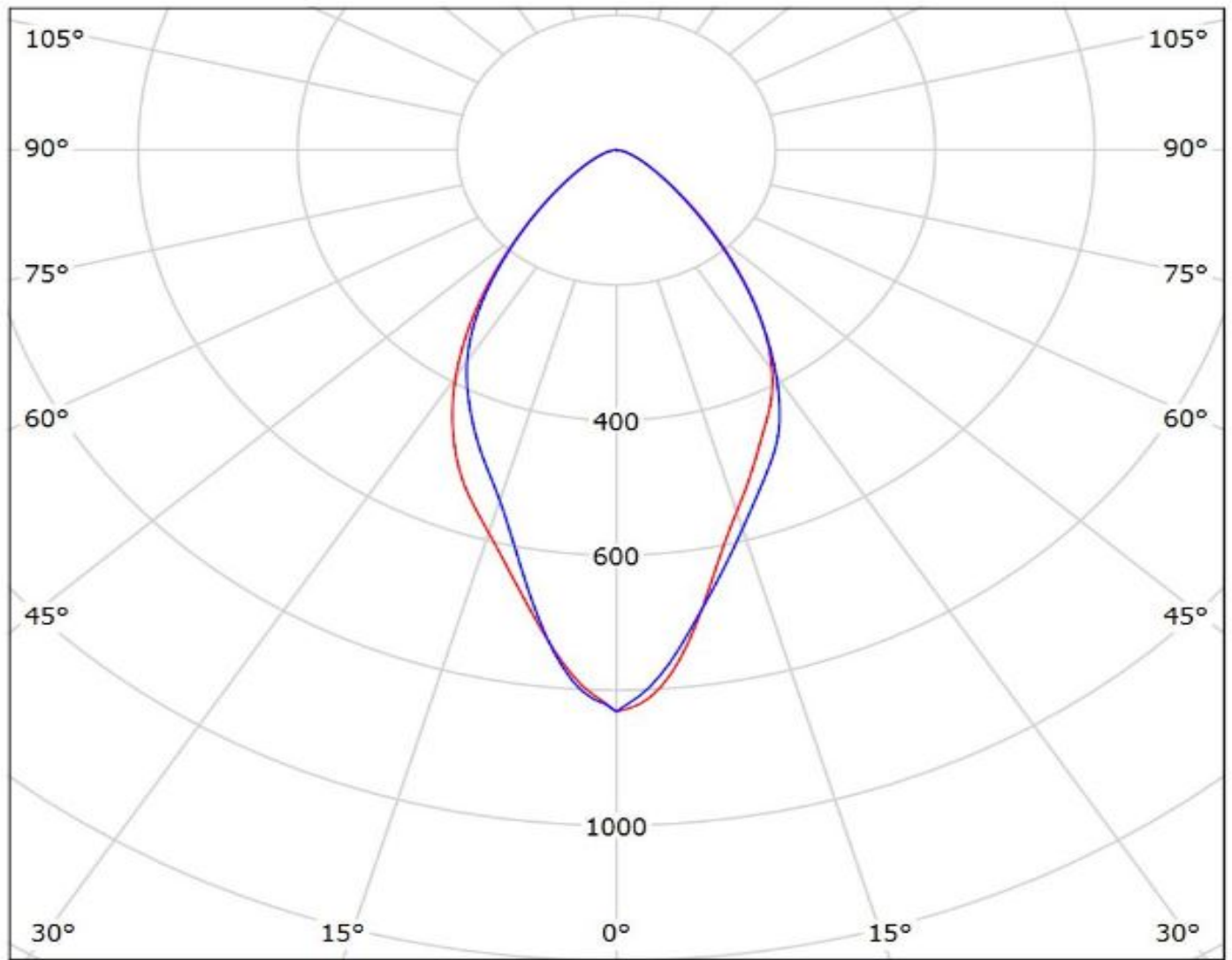


Ledil F14112_FLORENCE-Z60_(Luxeon_3030_2D) / LDC (Polar)

Luminaire: Ledil F14112_FLORENCE-Z60_(Luxeon_3030_2D)

Lamps: 1 x Luxeon_3030_2D_3x11_(L130-4080003000W21)

_2150lm@300mA_CCT=4000K_P=12.8W_I=0.3A



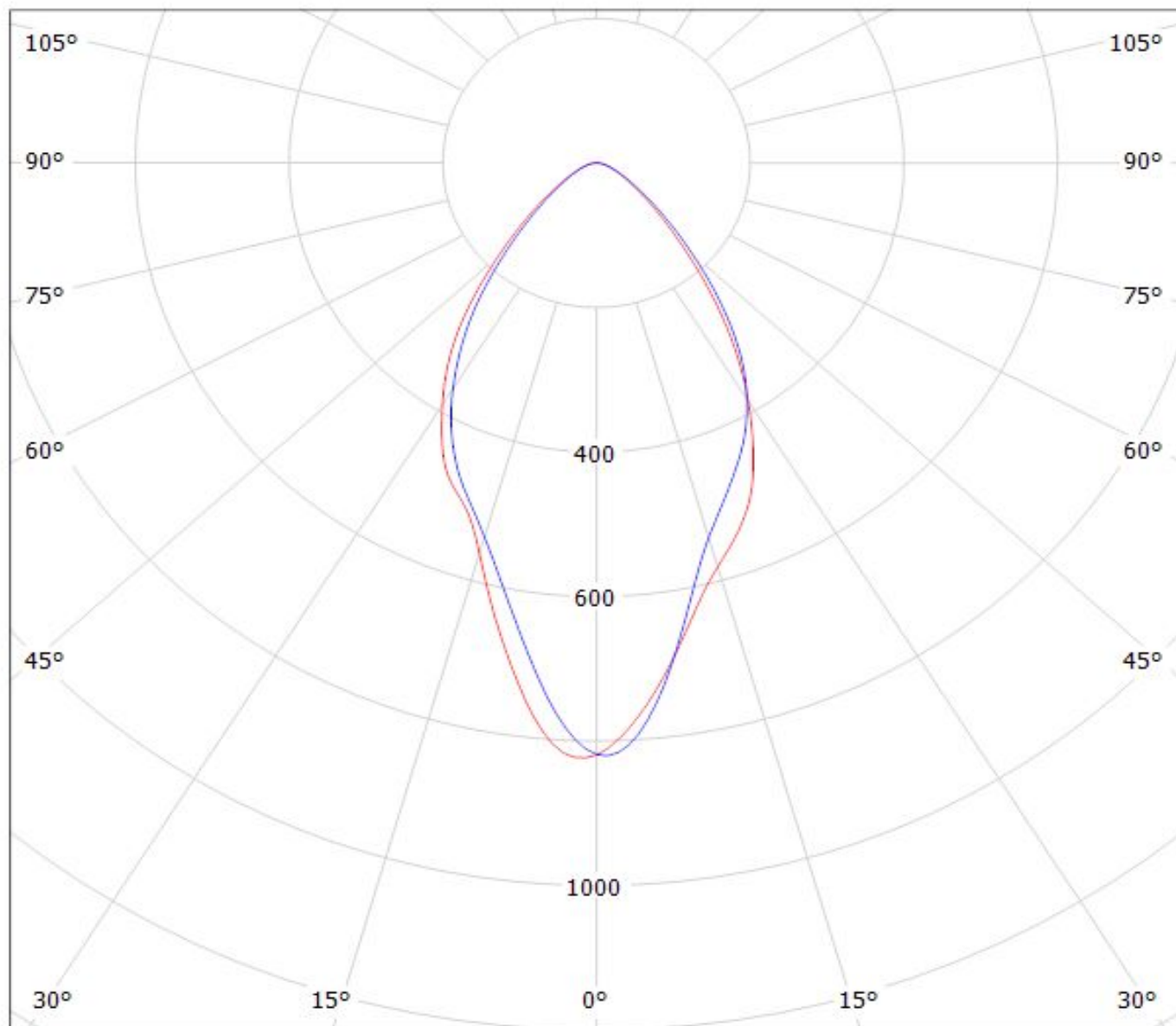
cd/klm

— C0 - C180

— C90 - C270

$\eta = 88\%$

Luminaire: LEDiL Oy F14112_FLORENCE-Z60_(DURIS_S5) Eff.88.8%
Lamps: 1 x DURIS_S5_500.39lm@120mA_P=3.76814W_I=120.1mA

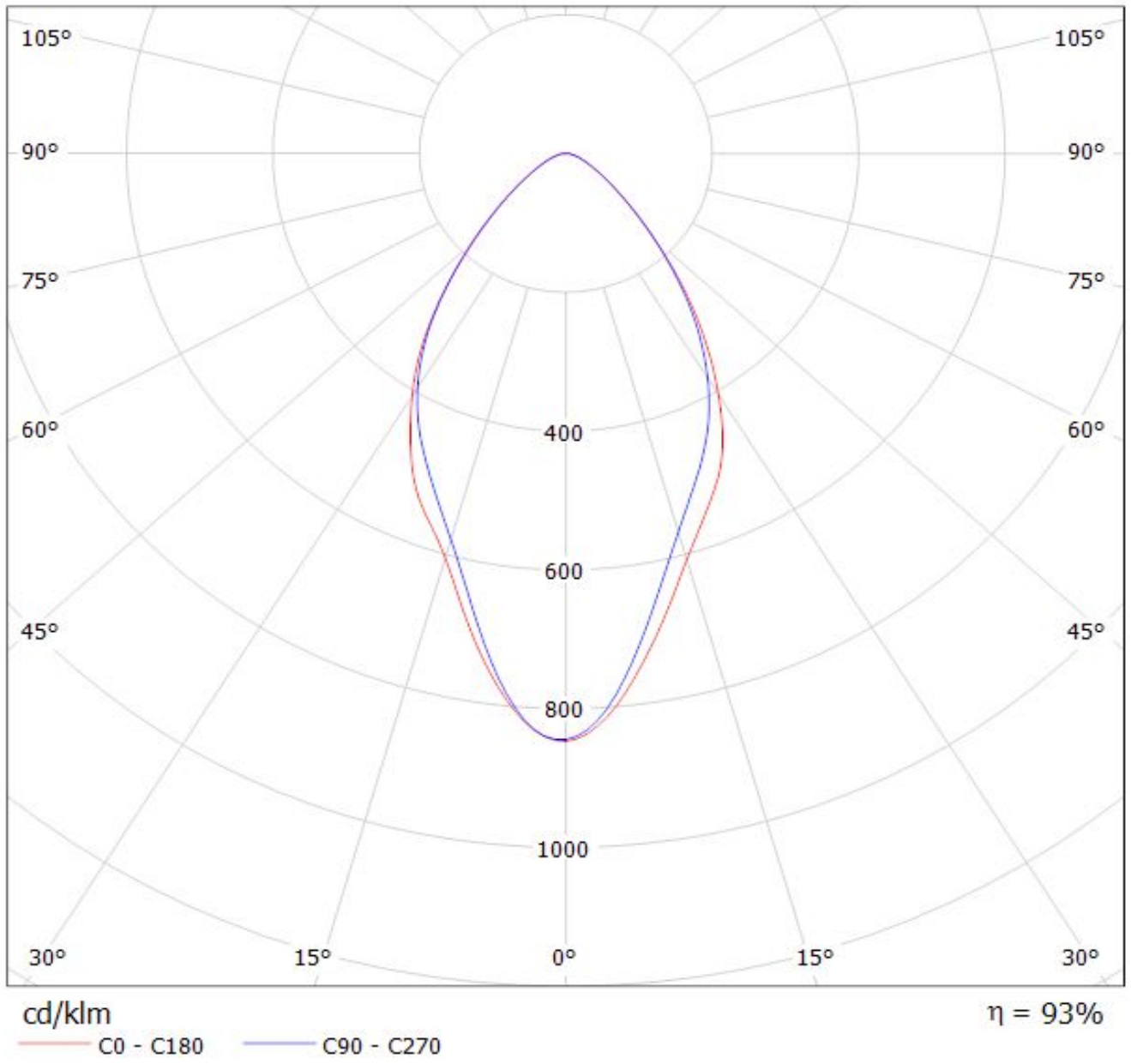


cd/klm

$\eta = 89\%$

— C0 - C180 — C90 - C270

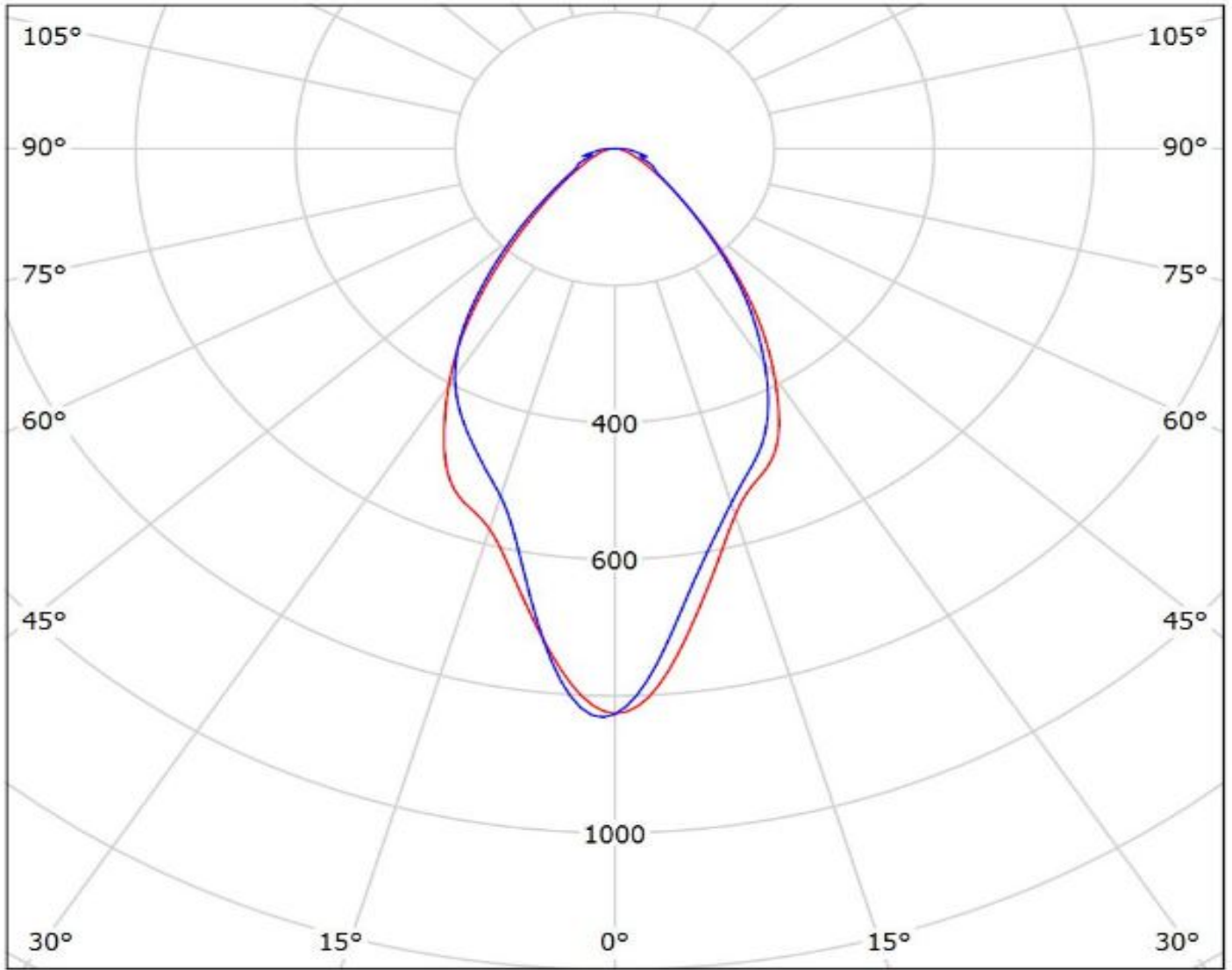
Luminaire: LEDiL Oy F14112_FLORENCE-Z60_(Nichia757)
Lamps: 1 x NICHIA_757 (NT2W757DRT) 1387lm@150mA



Ledil F14112_FLORENCE-Z60_(MP-2016) / LDC (Polar)

Luminaire: Ledil F14112_FLORENCE-Z60_(MP-2016)

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

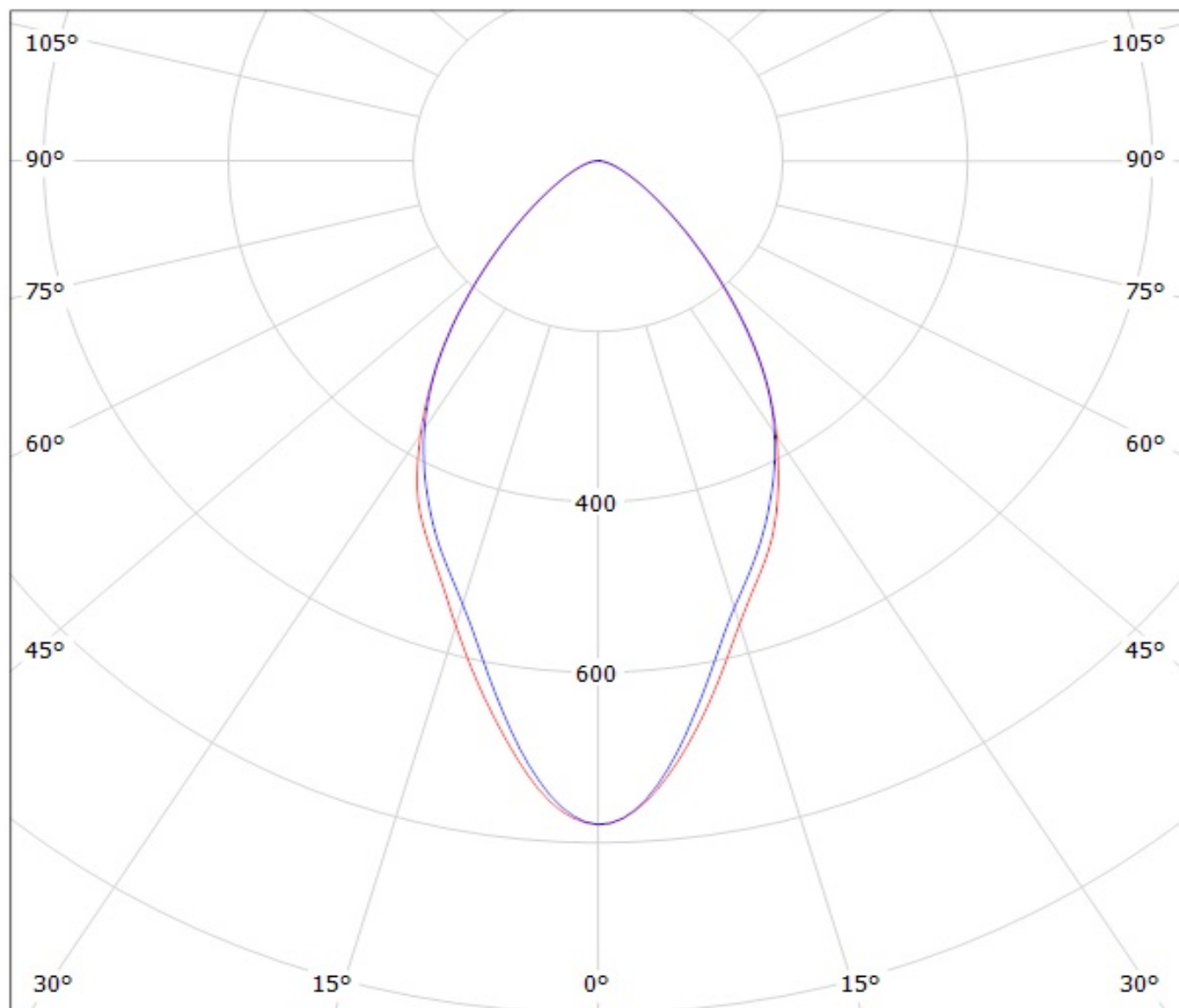


cd/klm

— C0 - C180 — C90 - C270

$\eta = 91\%$

Luminaire: LEDiL Oy F14112_FLORENCE-Z60_(DURIS_E5) Eff. 89%
Lamps: 1 x Osram_DURIS_E5_567.032lm@120mA_P=3.6693W_I=120.1mA

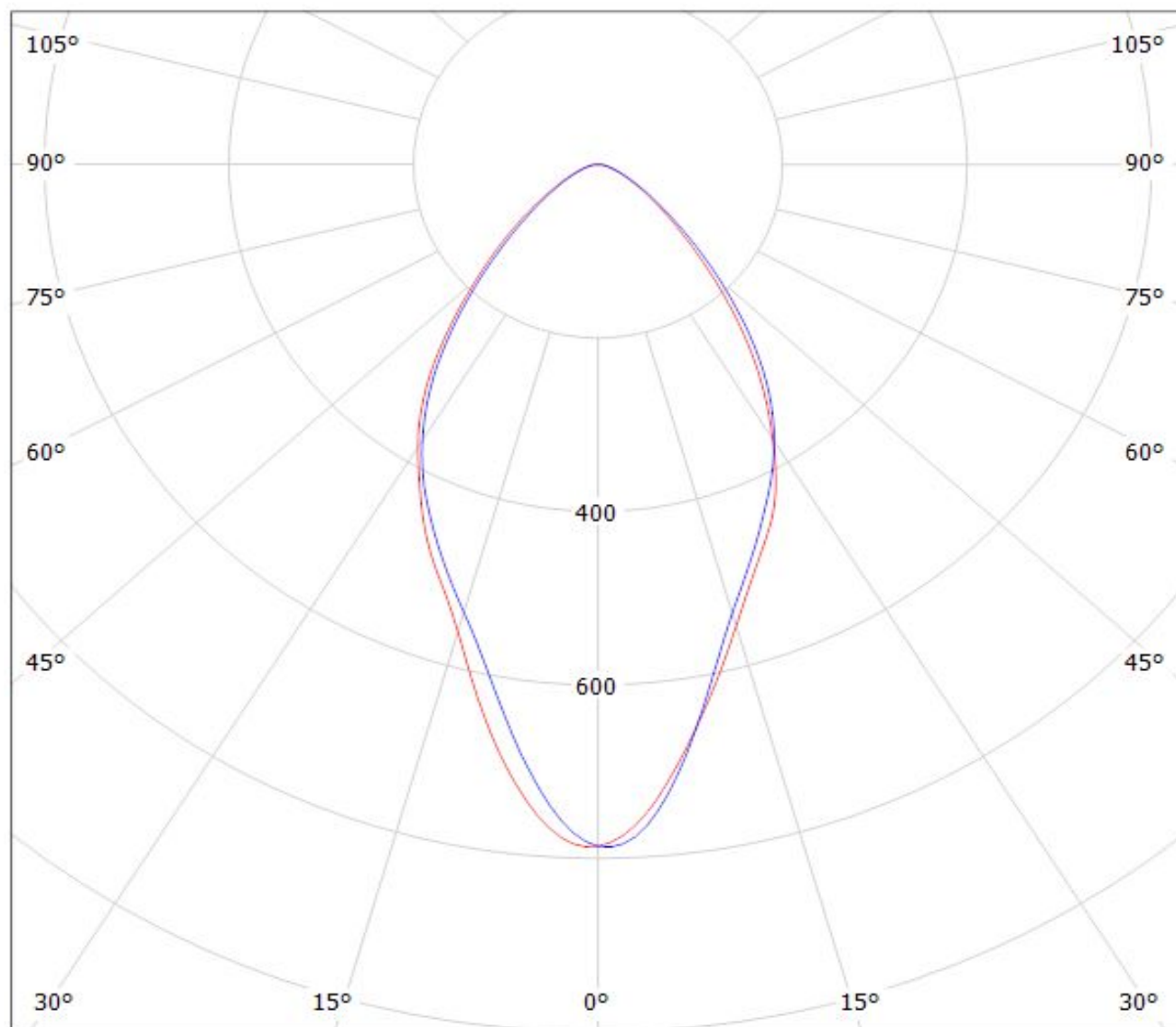


cd/klm

— C0 - C180 — C90 - C270

Luminaire: LEDiL Oy F14112_Florence-Z60 Eff.89.5%

Lamps: 1 x PHILIPS Fortimo LED Line 1ft 650lm 840 3R HV2 1011.03lm@250mA P=8.41224W I=250.7mA



cd/klm

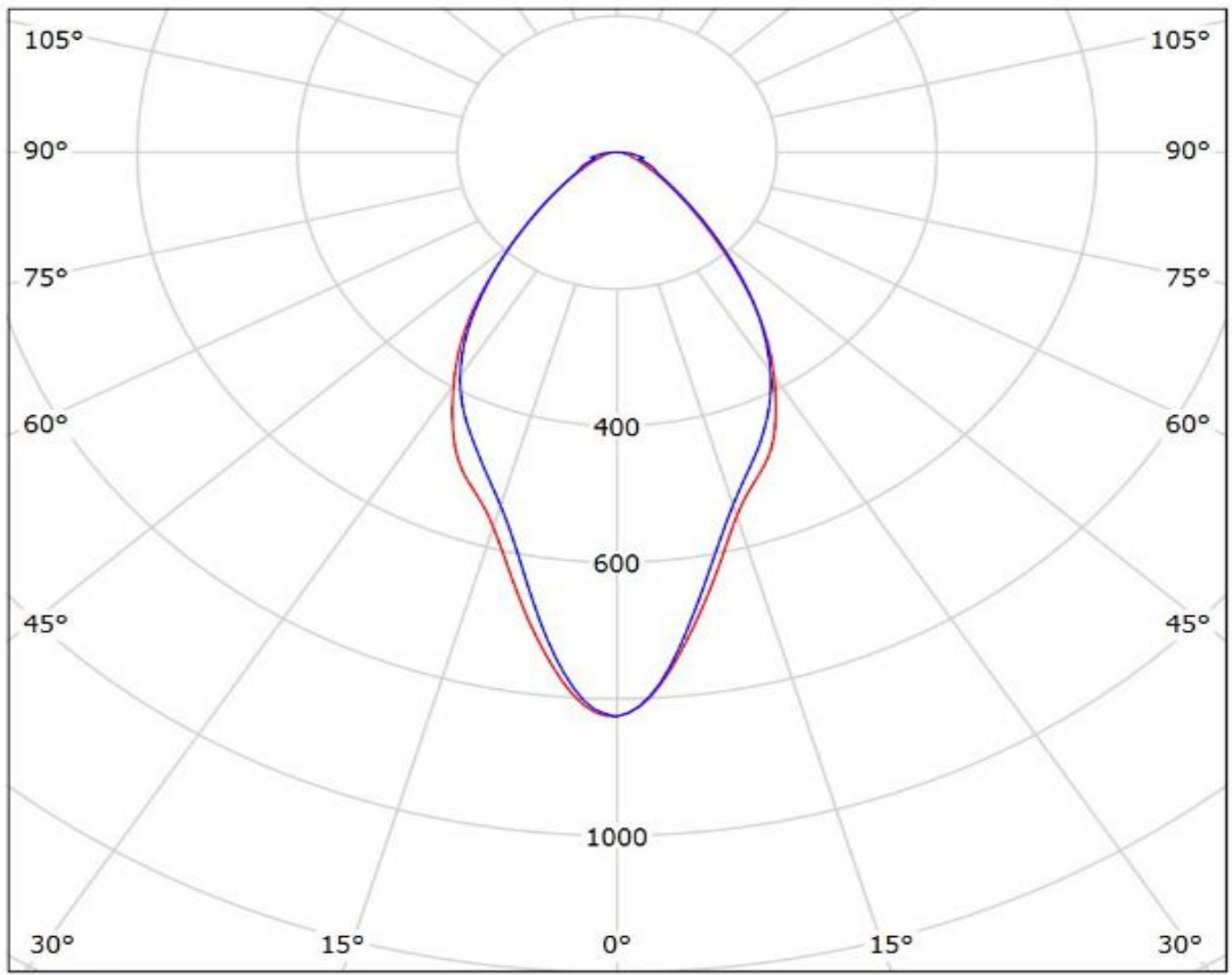
— C0 - C180

— C90 - C270

$\eta = 89\%$

Ledil F14112_FLORENCE-Z60_(Luxeon_XR-3535L) / LDC (Polar)

Luminaire: Ledil F14112_FLORENCE-Z60_(Luxeon_XR-3535L)
Lamps: 1 x Lumileds_Luxeon_XR-3535L_3x11_(L202-3080033C30001)
_1087.37lm@250mA_CCT=3000K_P=8.15W_I=0.25A

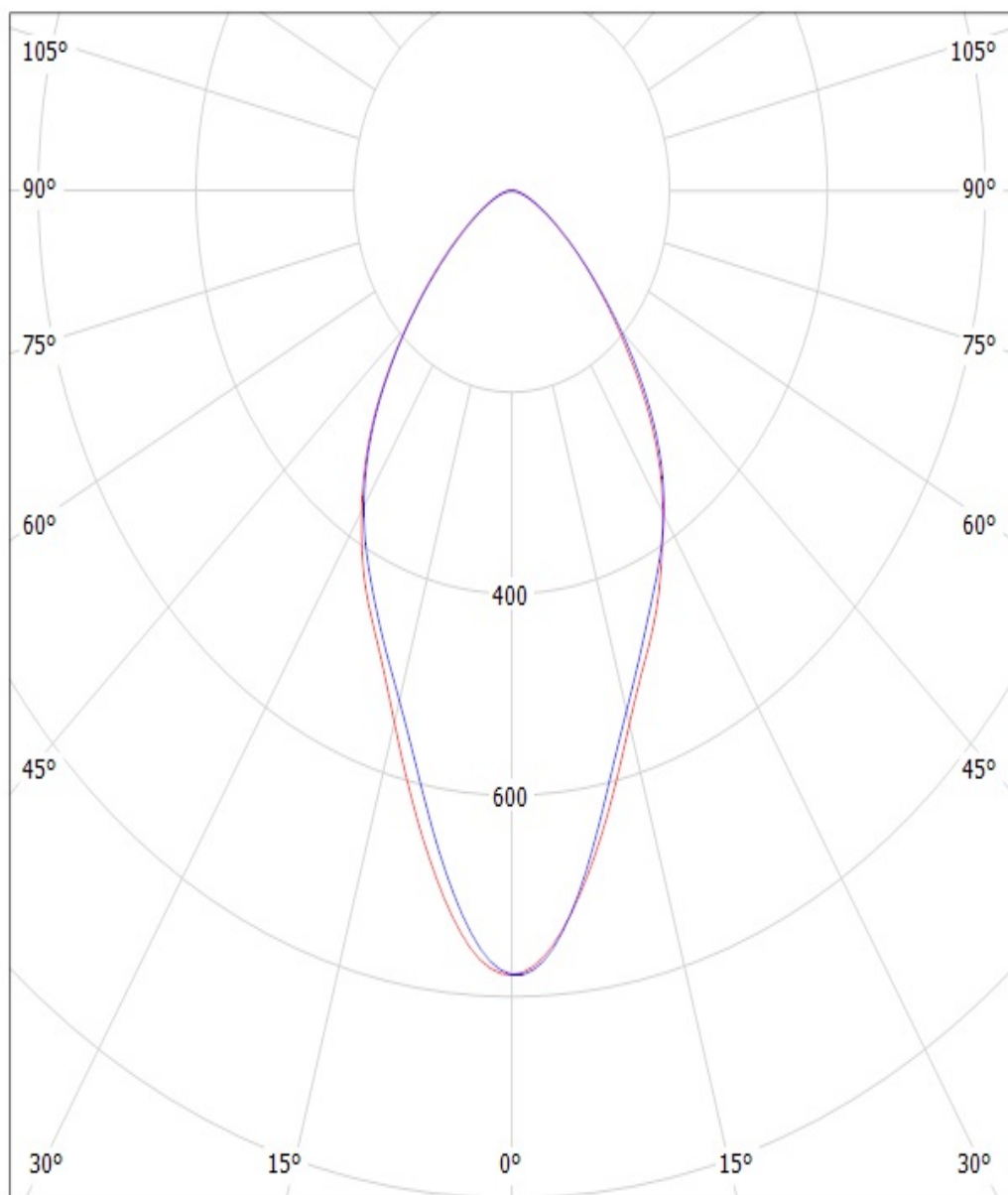


cd/klm
— C0 - C180 — C90 - C270

$\eta = 93\%$

Luminaire: LEDiL Oy F14112_FLORENCE-Z60_(LLE-55-280-1650)

Lamps: 1 x Tridonic_STARK_LLE-55-280-1650_(STARK_LLE-55-280-1650-840-CLA)_1478.34lm@325lm_CCT=4000K_P=10.1908W_I=324.9mA

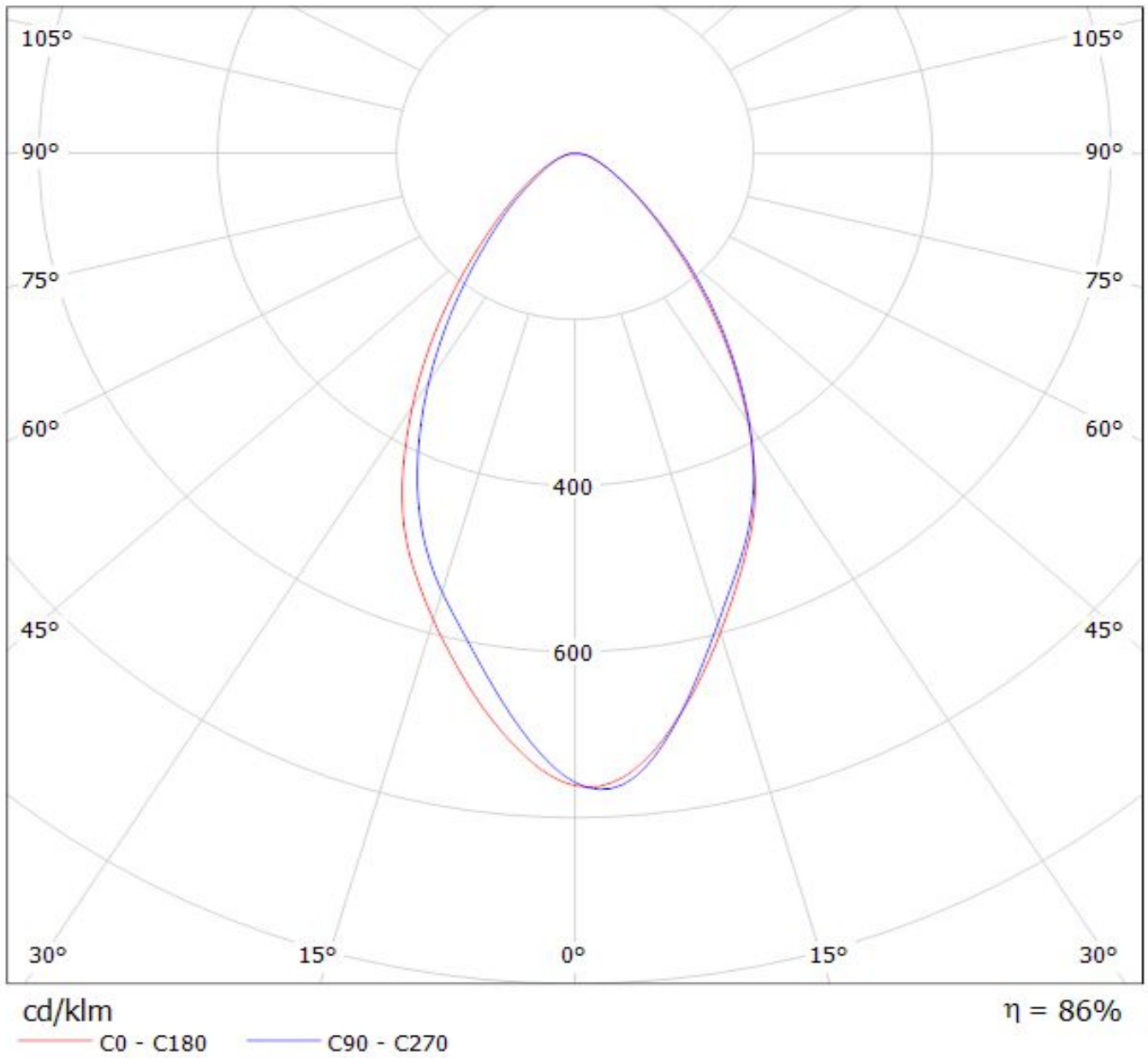


cd/klm

$\eta = 91\%$

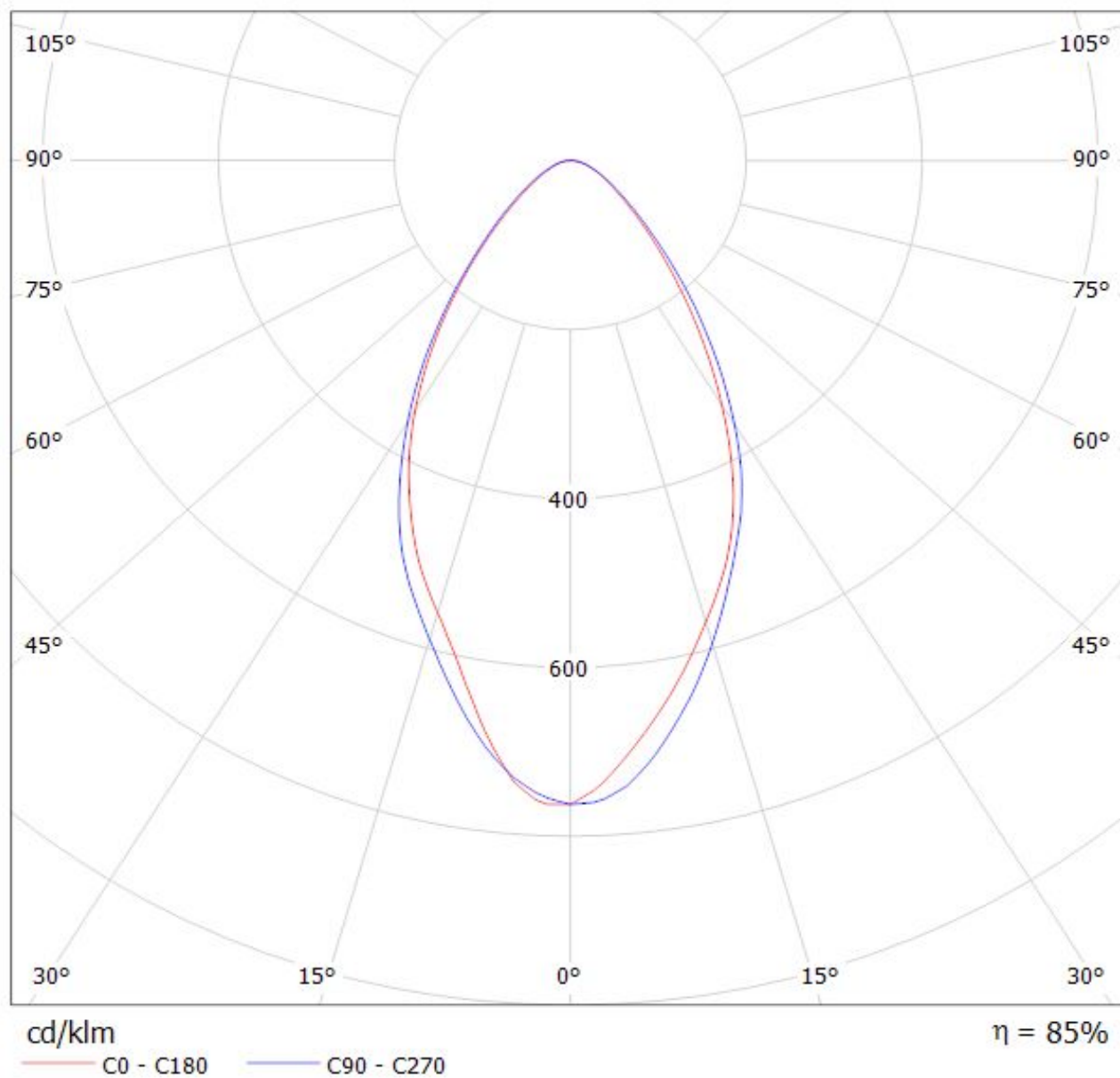
— C0 - C180 — C90 - C270

Luminaire: LEDiL Oy F14112_FLORENCE-Z60_(SAMSUNG_LM561B)
Lamps: 1 x SAMSUNG_LM561B_679.266lm@150mA_P=4.6185W_I=150mA



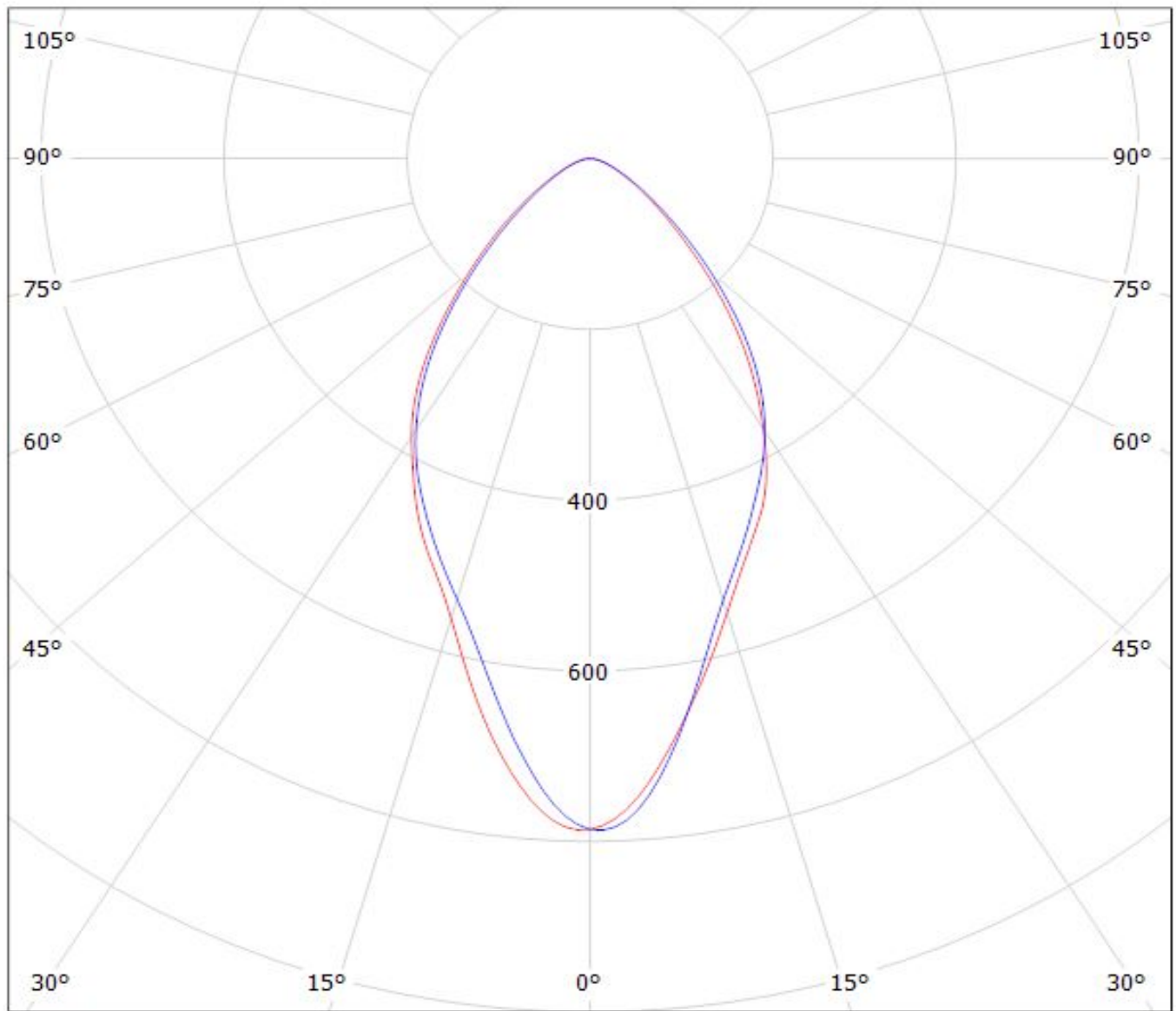
Luminaire: LEDiL Oy F14112_FLORENCE-Z60_(SAMSUNG_LM362A)

Lamps: 1 x SAMSUNG_LM362A 1387lm@200mA P:12W



Luminaire: LEDiL Oy F14112_Florence-Z60 Eff.89.5%

Lamps: 1 x FLORENCE_FORTIMO_(LG_5630)_1011.03lm@250mA P=8.41224W I=250.7mA



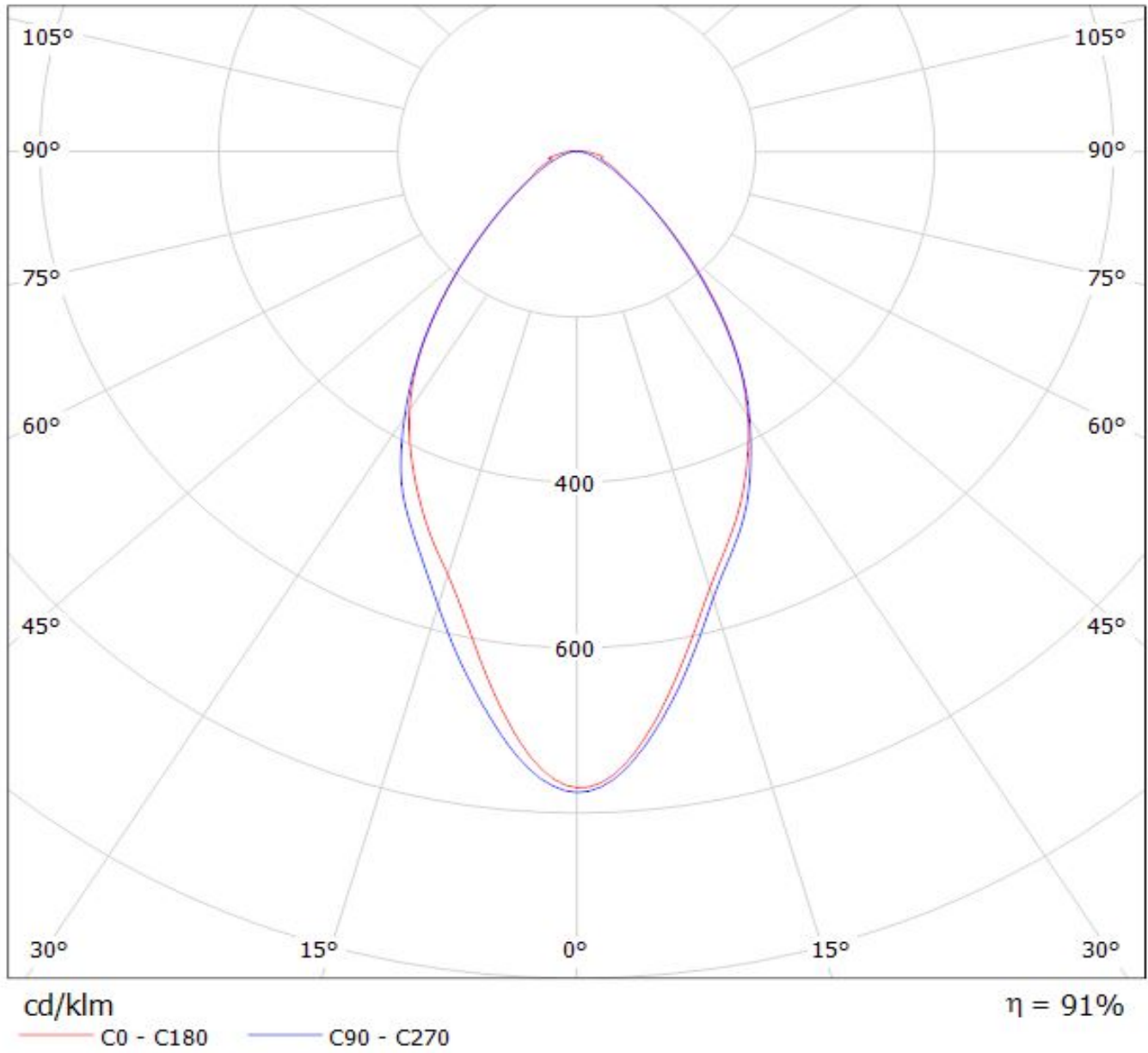
cd/klm

— C0 - C180

— C90 - C270

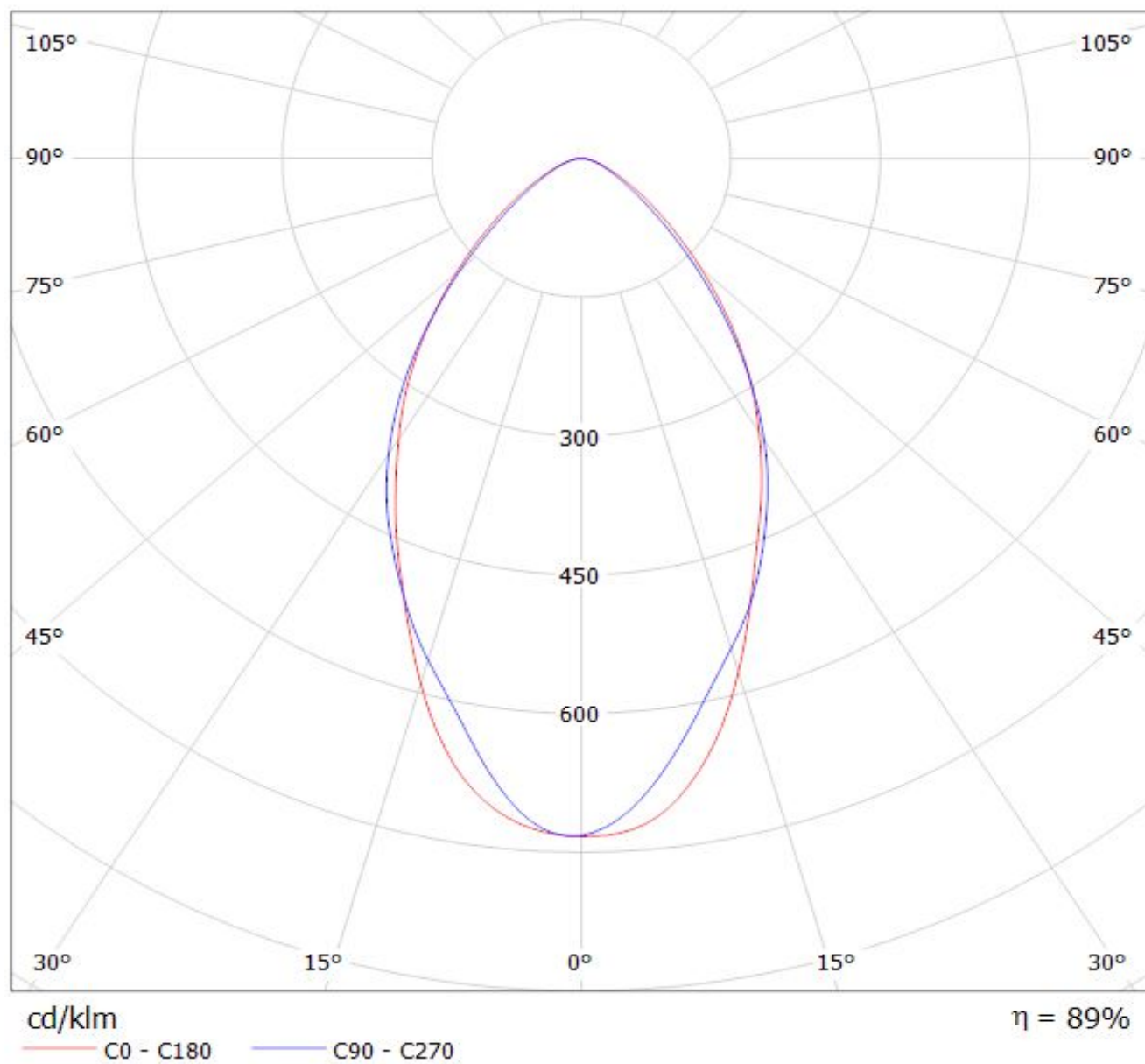
$\eta = 89\%$

Luminaire: LEDiL Oy F14112_FLORENCE-Z60_(AVAGO 5630 0.5W)
Lamps: 1 x AVAGO ASMU-LWG0-NxxxE 1677.82lm@420mA 34.8V



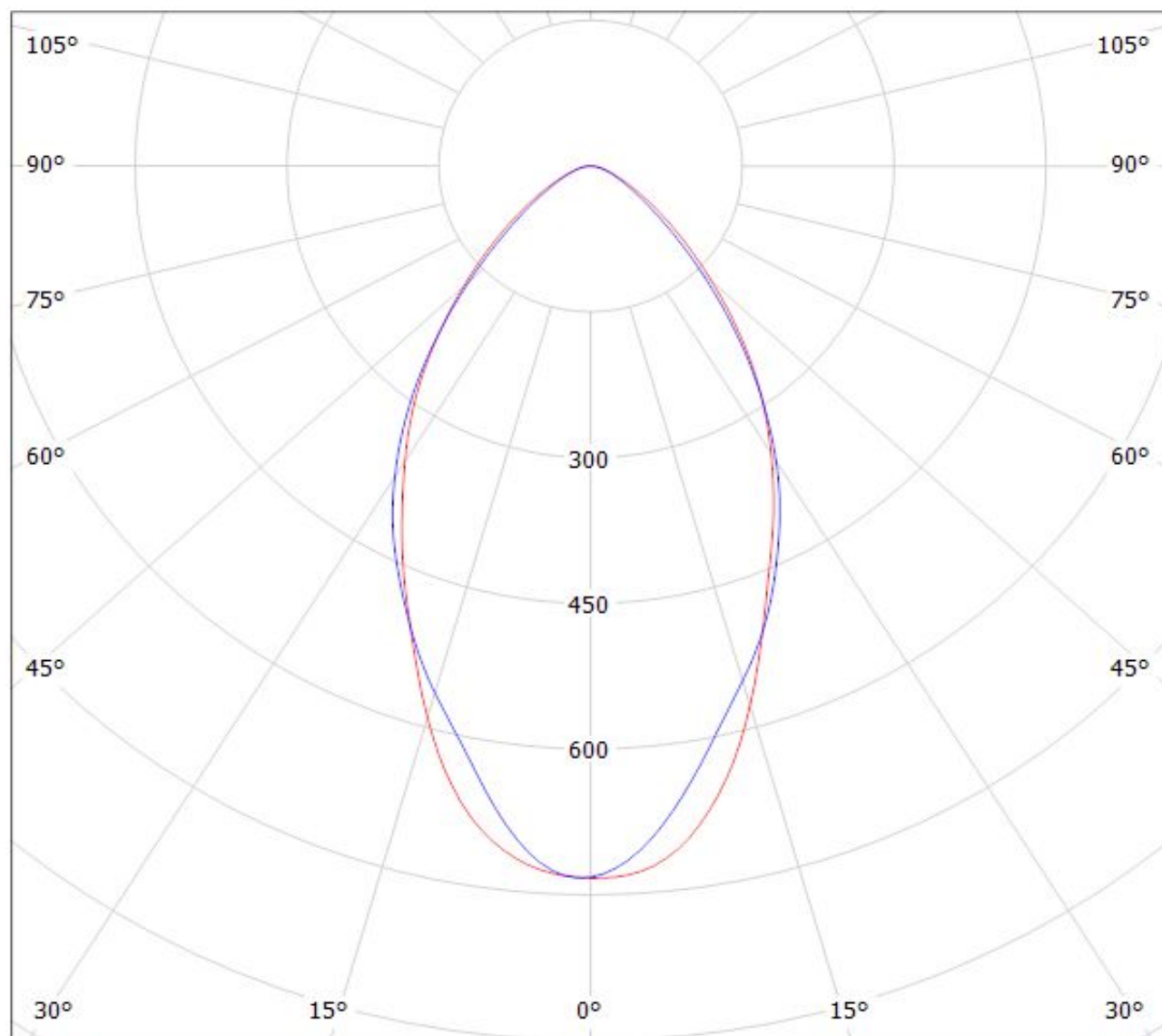
Luminaire: LEDiL Oy F14112_FLORENCE-Z60_(LG_6030) Eff.89.0%

Lamps: 1 x LG_6030_(LEWMS68T80HZ)_1031.47lm@240mA_CCT=5000K_P=7.54368W_I=240mA



Luminaire: LEDiL Oy F14112_FLORENCE-Z60 Eff.89.0%

Lamps: 1 x Fortimo_LED_Line_1ft_1100lm_3R_HV2_1031.47lm@240mA_CCT=5000K_P=7.54368W_I=240mA



cd/klm

— C0 - C180

— C90 - C270

$\eta = 89\%$

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.