

DETAILS

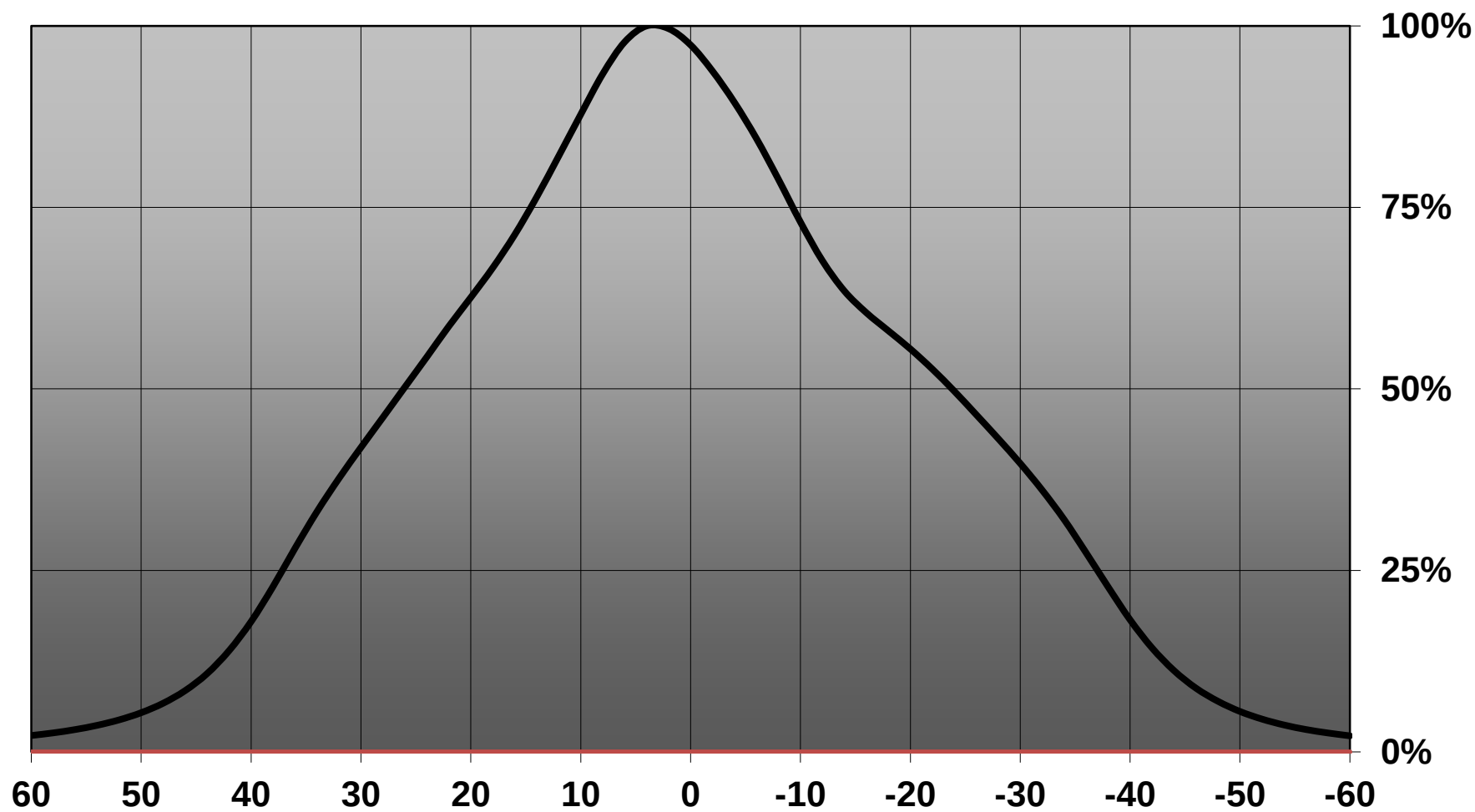
Product Number	CA12325_LAURA-WW-PIN
Family	Laura
Type	Assembly
Color	white
Diameter	21,6 x 21,6 mm
Height	13,1 mm
Style	square
Optic Material	PMMA
Holder Material	PC
Fastening	tape, pin
Status	ready
ROHS Compliant	Yes
Date Updated	20/09/2013



OPTICAL PROPERTIES

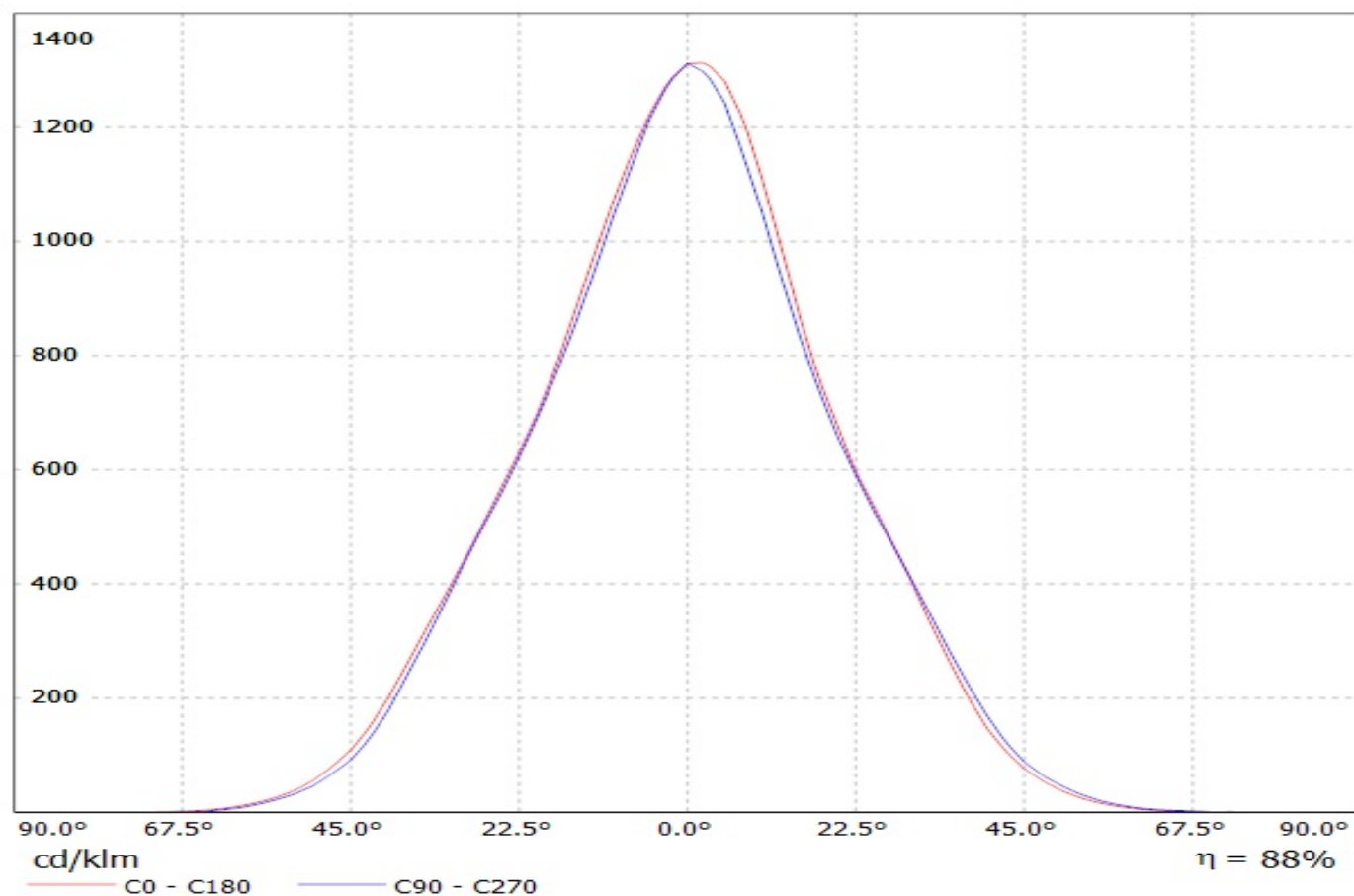
LED	Viewing Angle	Light Beam	Effi- ciency	cd/lm	Connector
LUXEON H50-2	sim: 83	Very Wide	sim: 93 %	sim: 0.600	-
NF2x757D	42 deg	Very Wide	88 %	1.300	-
LUXEON Z ES	44 deg	Very Wide	91 %	1.150	-
XB-D	48 deg	Very Wide	86 %	0.900	-
NCSxx19B	49 deg	Very Wide	88 %	1.100	-
LUXEON Rebel	56 deg	Very Wide	-	1.000	-
LUXEON T	65 deg	Very Wide	87 %	0.800	-
XP-E	66 deg	Very Wide	86 %	0.700	-
XP-G	68 deg	Very Wide	86 %	0.640	-

Relative intensity of CA12325_LAURA-WW-PIN_(Luxeon Z ES)

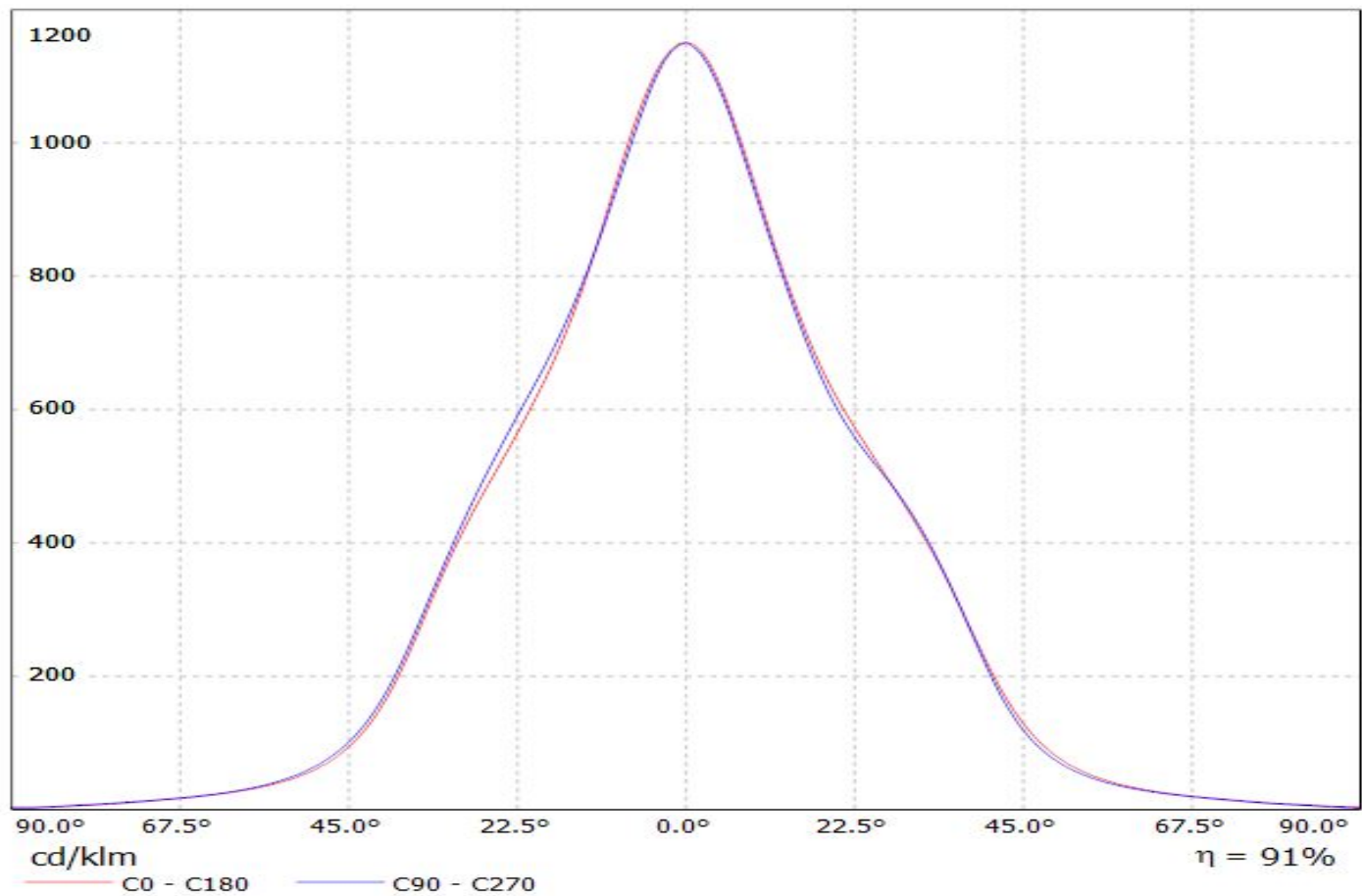


Luminaire: LEDil Oy CA12325_LAURA-WW-PIN_(NF2x757D)

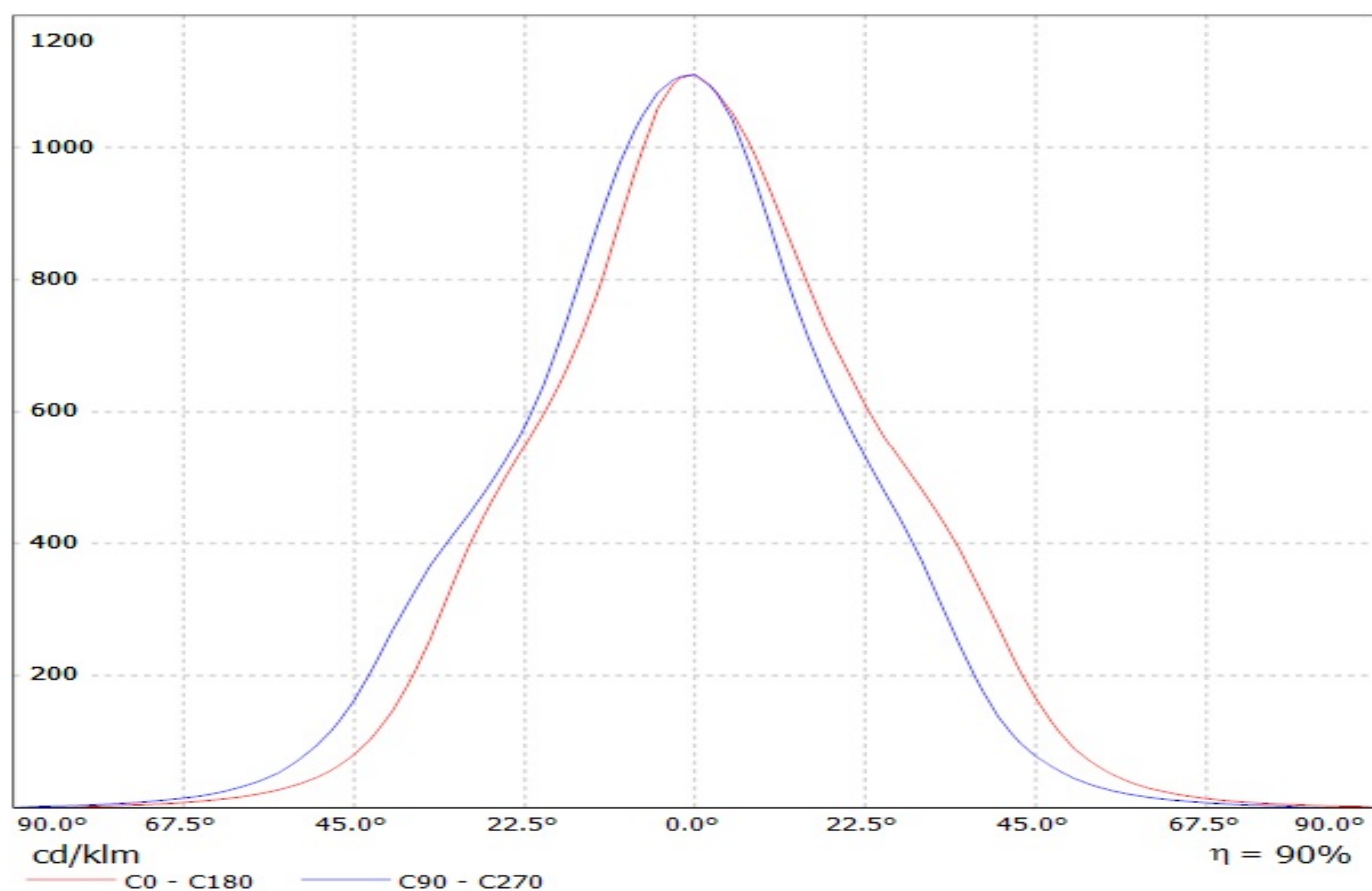
Lamps: 1 x Nichia NF2x757D (NF2W757DRE) 51.22lm @ 65mA CCT=4987K P=0.4W I=65mA



Luminaire: LEDiL Oy CA12325_LAURA-WW-PIN_(LUXEON_Z-ES)
Lamps: 1 x LUXEON_Z-ES_(LXZ2-4080-3)_87.168lm@250mA_CCT=4000K_P=2.9W_I=0.25A

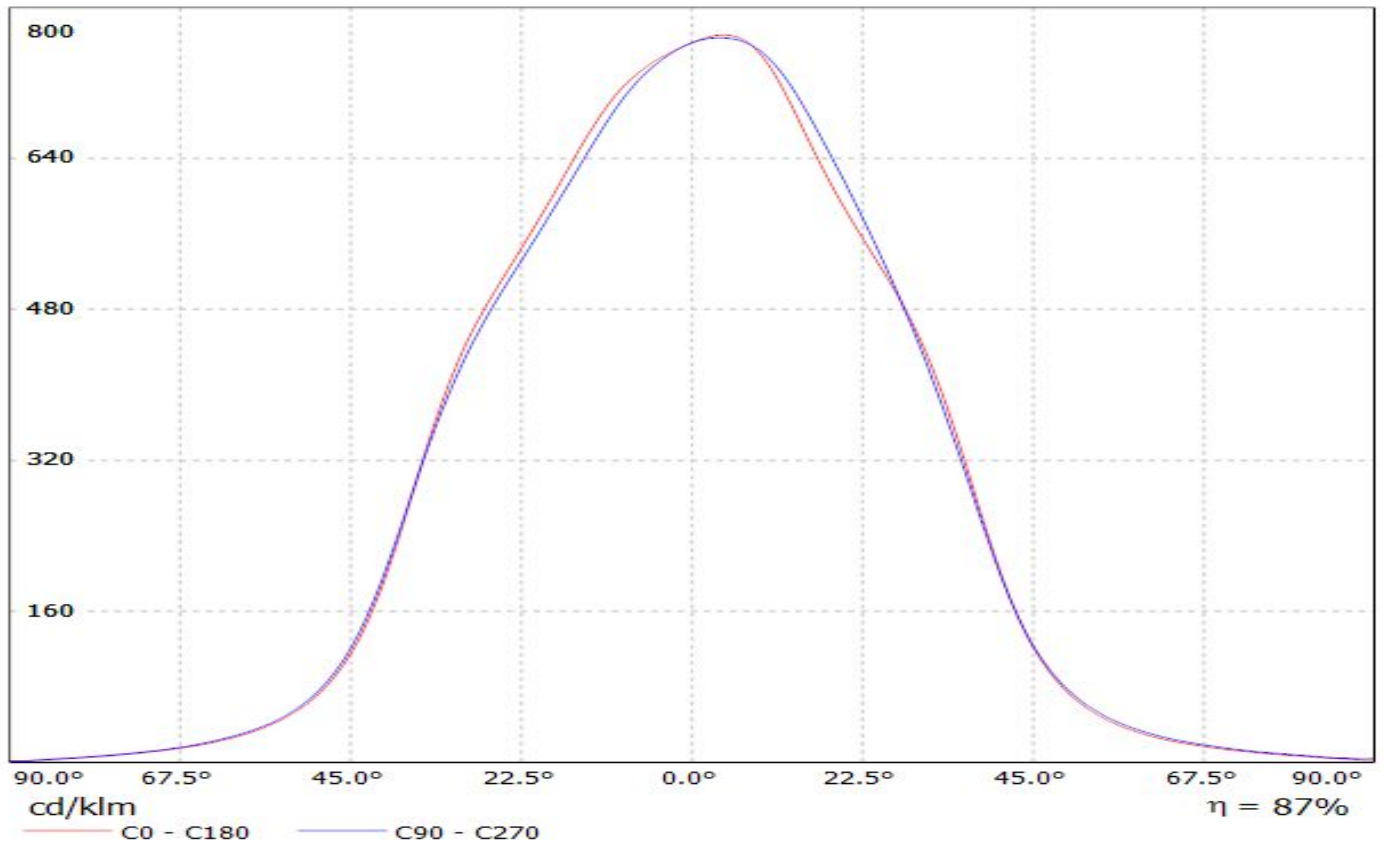


Luminaire: LEDil Oy CA12325_LAURA-WW-PIN_(NCSxx19B) Efficiency=88%
Lamps: 1 x Nichia NCSxx19b (NCSL119BE) 88.5lm @ 250mA CCT=3400K P=0.8W I=250mA



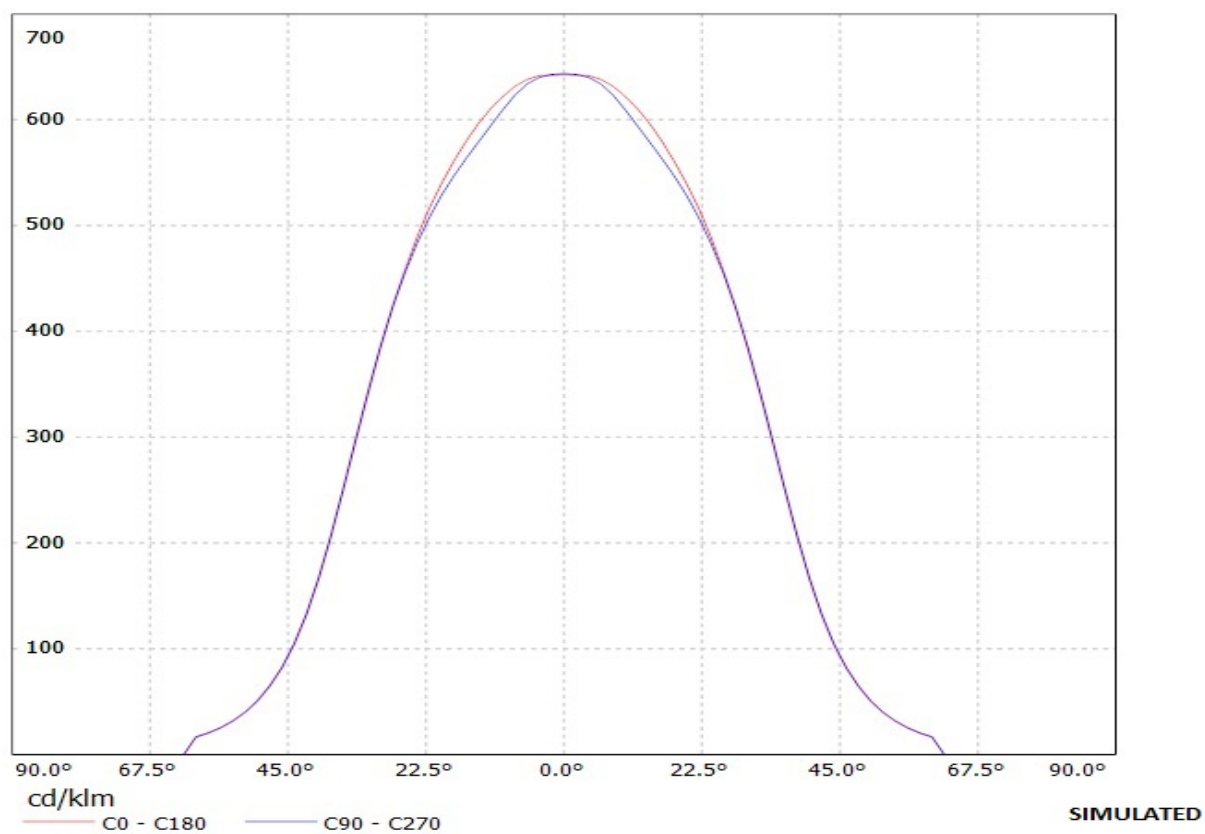
LEDiL Oy CA12325_LAURA-WW-PIN_(LUXEON_T)_3 Eff.87.2% / LDC (Linear)

Luminaire: LEDiL Oy CA12325_LAURA-WW-PIN_(LUXEON_T)_3 Eff.87.2%
Lamps: 1 x LUXEON T (74lm@250mA)



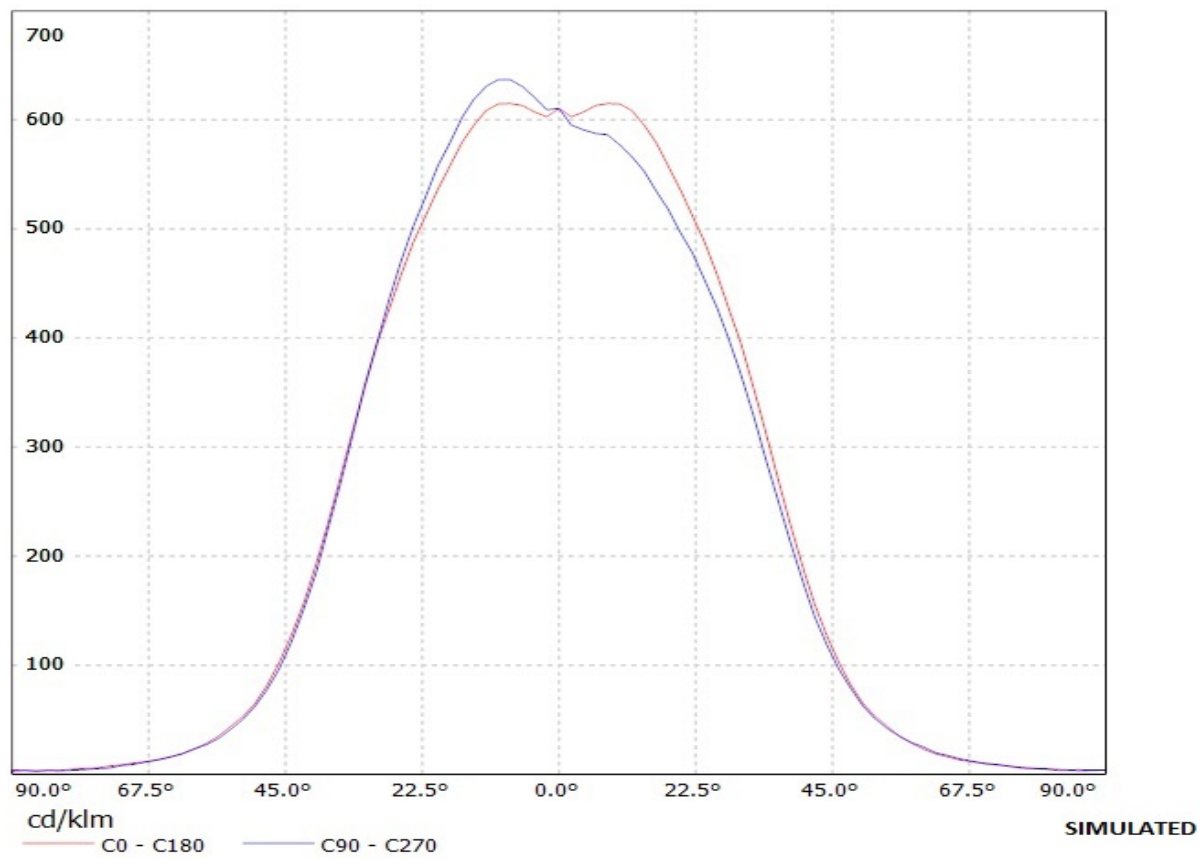
**Ledil Oy CA12325_Laura-WW-PIN-WHT CA12325_Laura-WW-PIN-WHT Efficiency=86% / LDC
(Linear)**

Luminaire: Ledil Oy CA12325_Laura-WW-PIN-WHT CA12325_Laura-WW-PIN-WHT Efficiency=86%
Lamps: 1 x Cree XP-E white 78lm @ 250mA



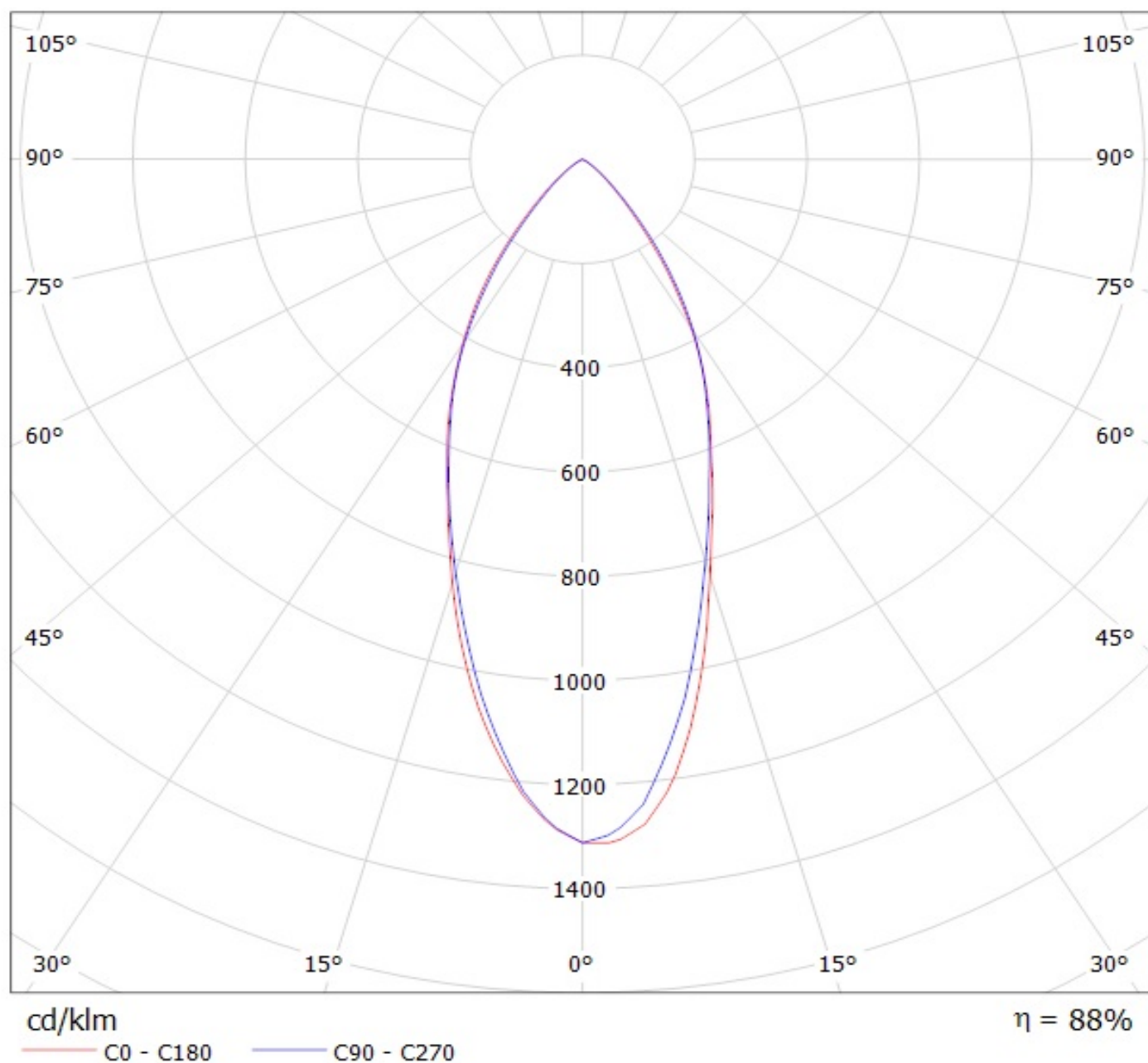
Ledil Oy Laura-WW-Pin-XP-G-tape / LDC (Linear)

Luminaire: Ledil Oy Laura-WW-Pin-XP-G-tape
Lamps: 1 x Cree XP-G 63,5lm 250mA Warm



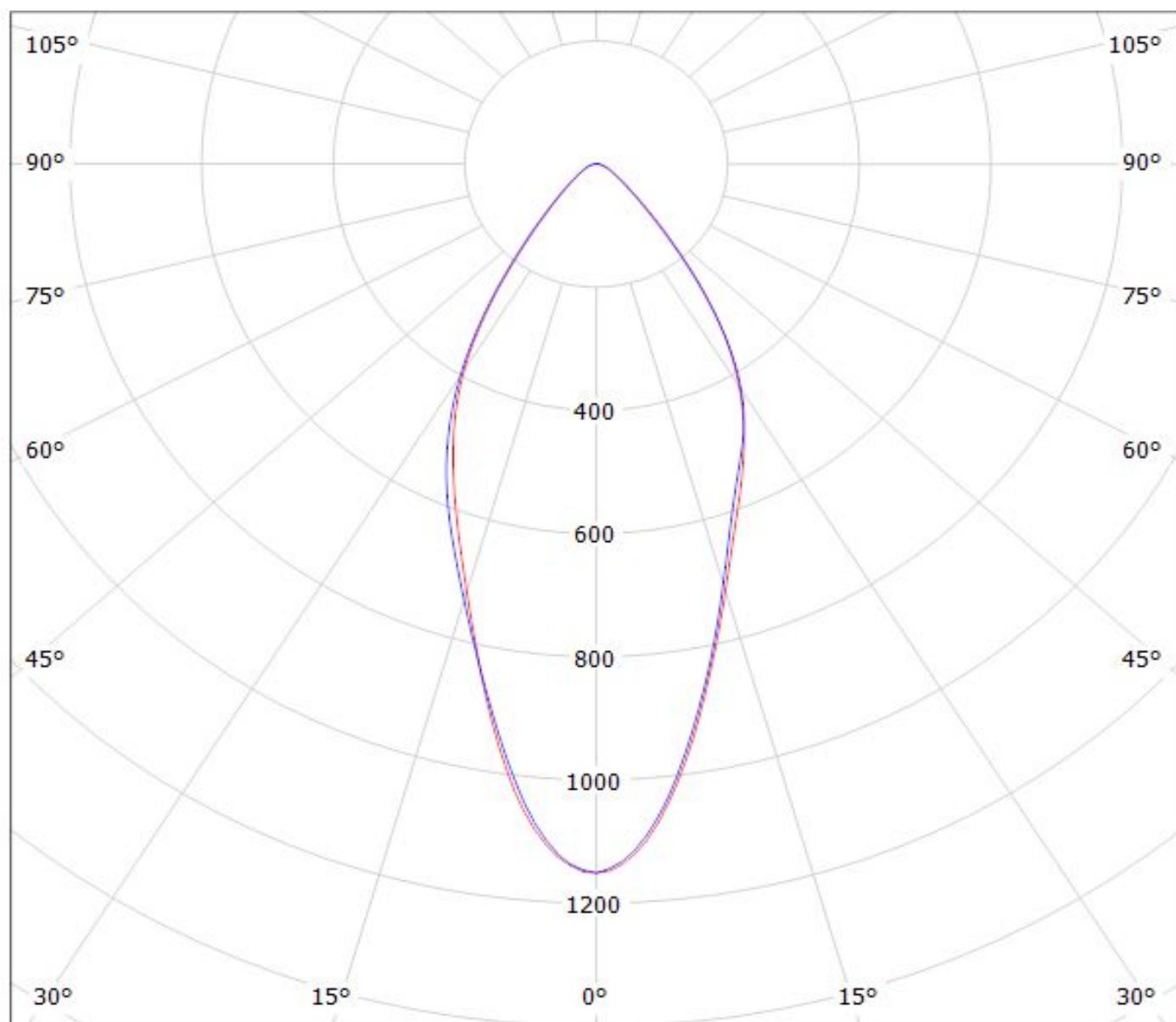
Luminaire: LEDil Oy CA12325_LAURA-WW-PIN_(NF2x757D)

Lamps: 1 x Nichia NF2x757D (NF2W757DRE) 51.22lm @ 65mA CCT=4987K P=0.4W I=65mA



Luminaire: LEDiL Oy CA12325_LAURA-WW-PIN_(LUXEON_Z-ES)

Lamps: 1 x LUXEON_Z-ES_(LXZ2-4080-3)_87.168lm@250mA_CCT=4000K_P=2.9W_I=0.25A



cd/klm

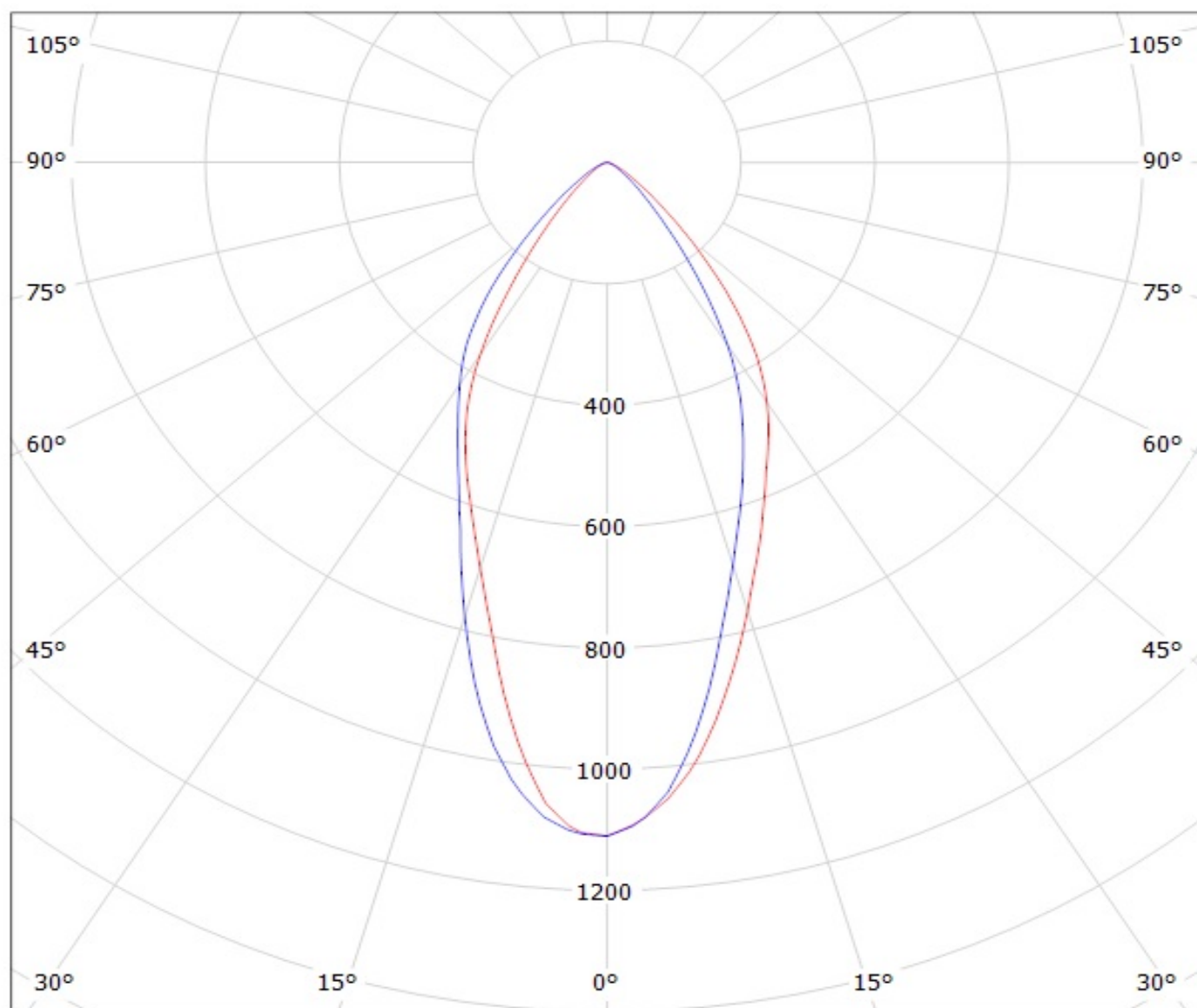
$\eta = 91\%$

C0 - C180

C90 - C270

Luminaire: LEDil Oy CA12325_LAURA-WW-PIN_(NCSxx19B) Efficiency=88%

Lamps: 1 x Nichia NCSxx19b (NCSL119BE) 88.5lm @ 250mA CCT=3400K P=0.8W I=250mA



cd/klm

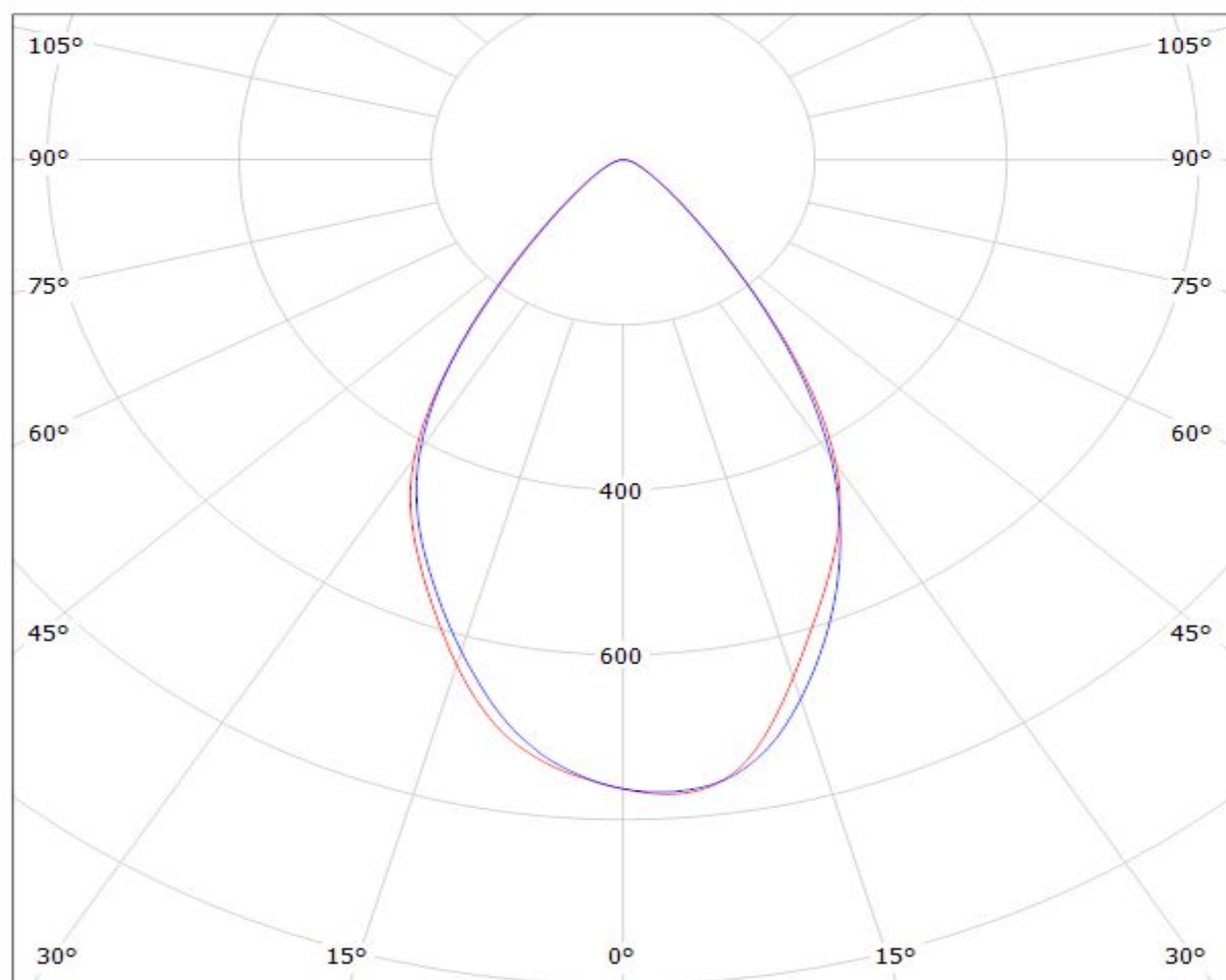
— C0 - C180

— C90 - C270

LEDiL Oy CA12325_LAURA-WW-PIN_(LUXEON_T)_3 Eff.87.2% / LDC (Polar)

Luminaire: LEDiL Oy CA12325_LAURA-WW-PIN_(LUXEON_T)_3 Eff.87.2%

Lamps: 1 x LUXEON T (74lm@250mA)



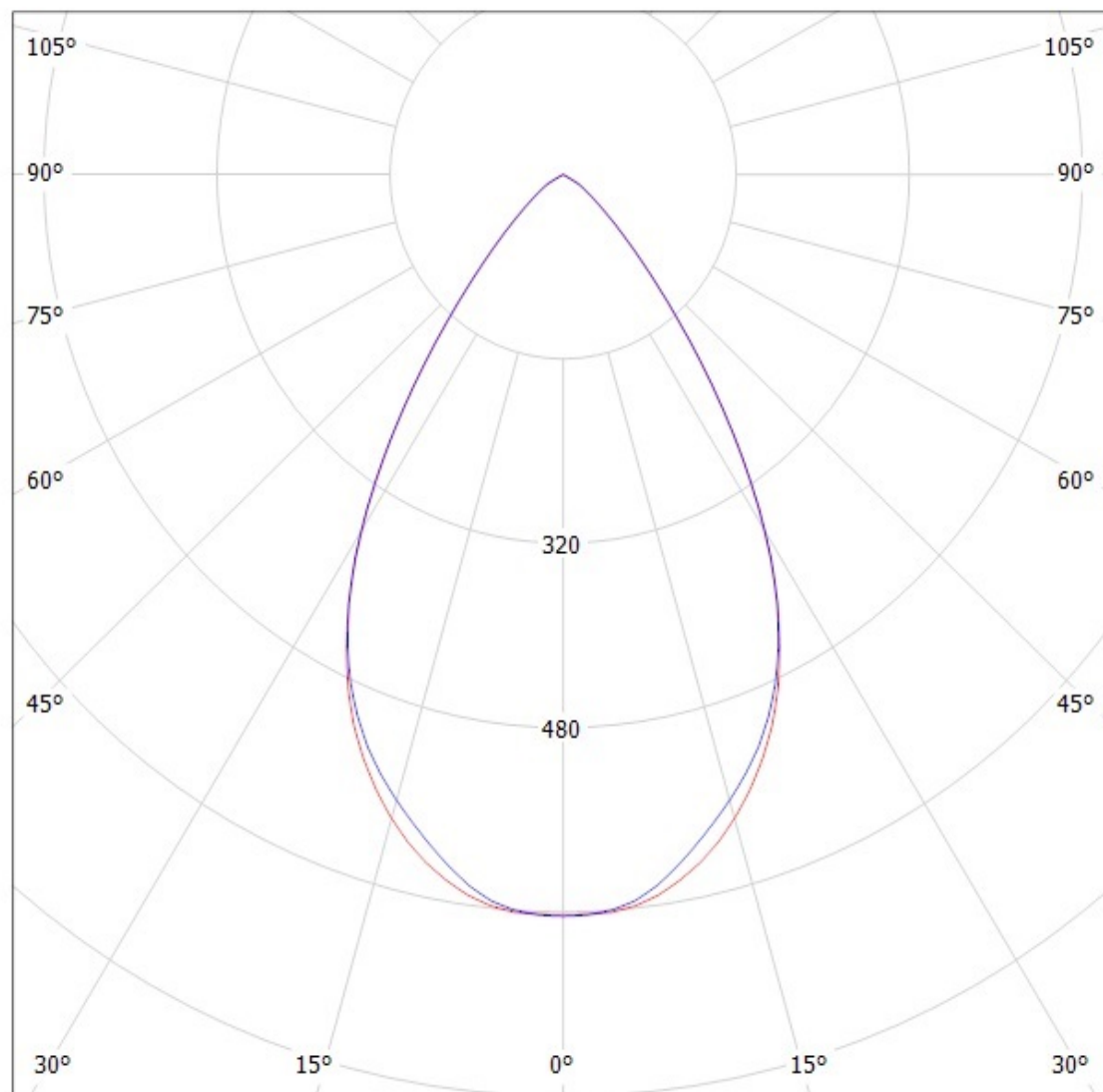
$\eta = 87\%$

C0 - C180

C90 - C270

**Ledil Oy CA12325_Laura-WW-PIN-WHT CA12325_Laura-WW-PIN-WHT Efficiency=86% / LDC
(Polar)**

Luminaire: Ledil Oy CA12325_Laura-WW-PIN-WHT CA12325_Laura-WW-PIN-WHT Efficiency=86%
Lamps: 1 x Cree XP-E white 78lm @ 250mA



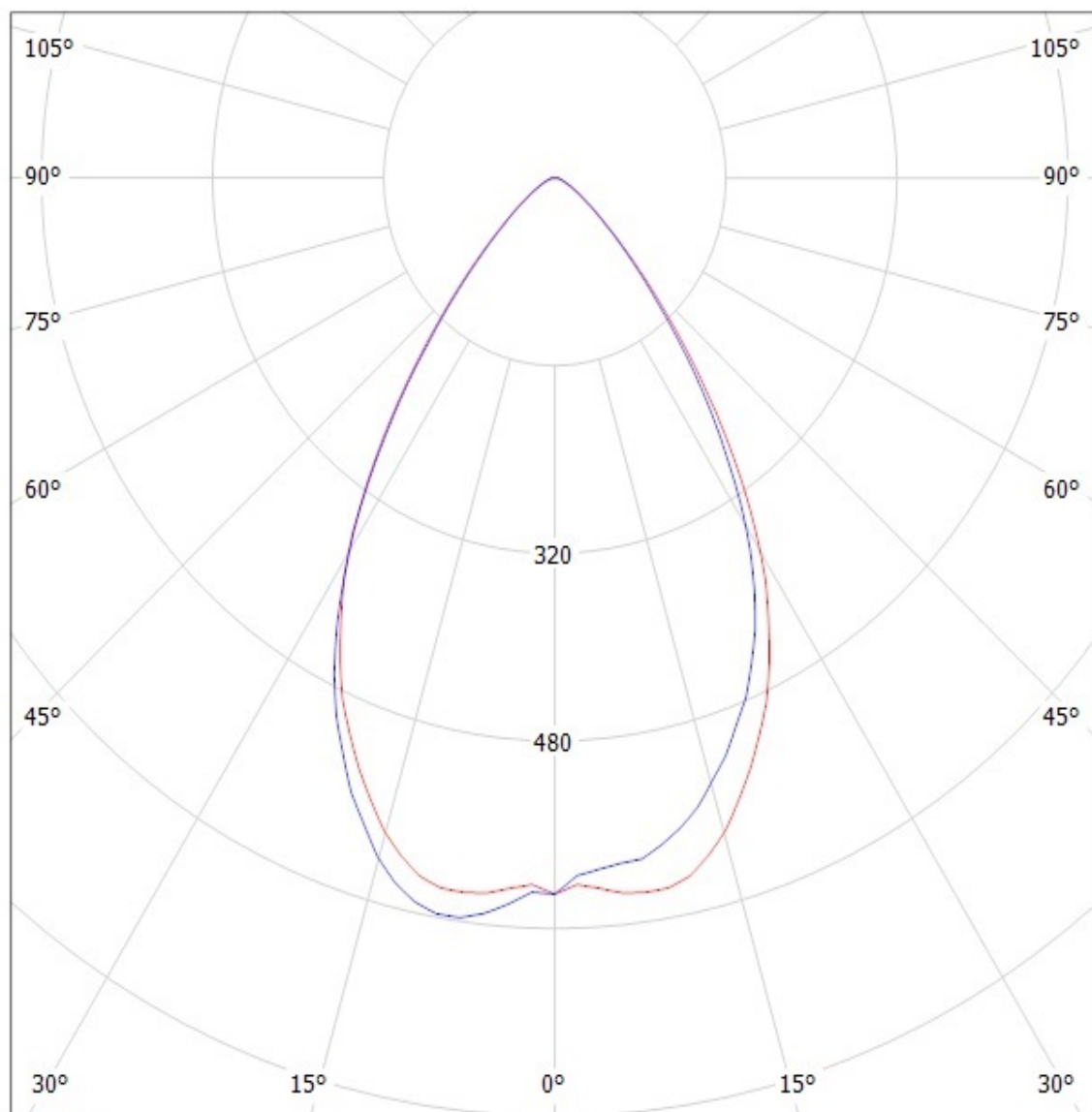
cd/klm

— C0 - C180 — C90 - C270

SIMULATED

Luminaire: Ledil Oy Laura-WW-Pin-XP-G-tape

Lamps: 1 x Cree XP-G 63,5lm 250mA Warm



cd/klm

— C0 - C180 — C90 - C270

SIMULATED

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.