PRODUCT DATASHEET
Laura series
last update 21/11/2012

DETAILS



Product Number	CA12344_LAURA-W-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	
Fastening	tape, pin
Status	production ready
ROHS Comliant	Yes
Date Updated	21/11/2012

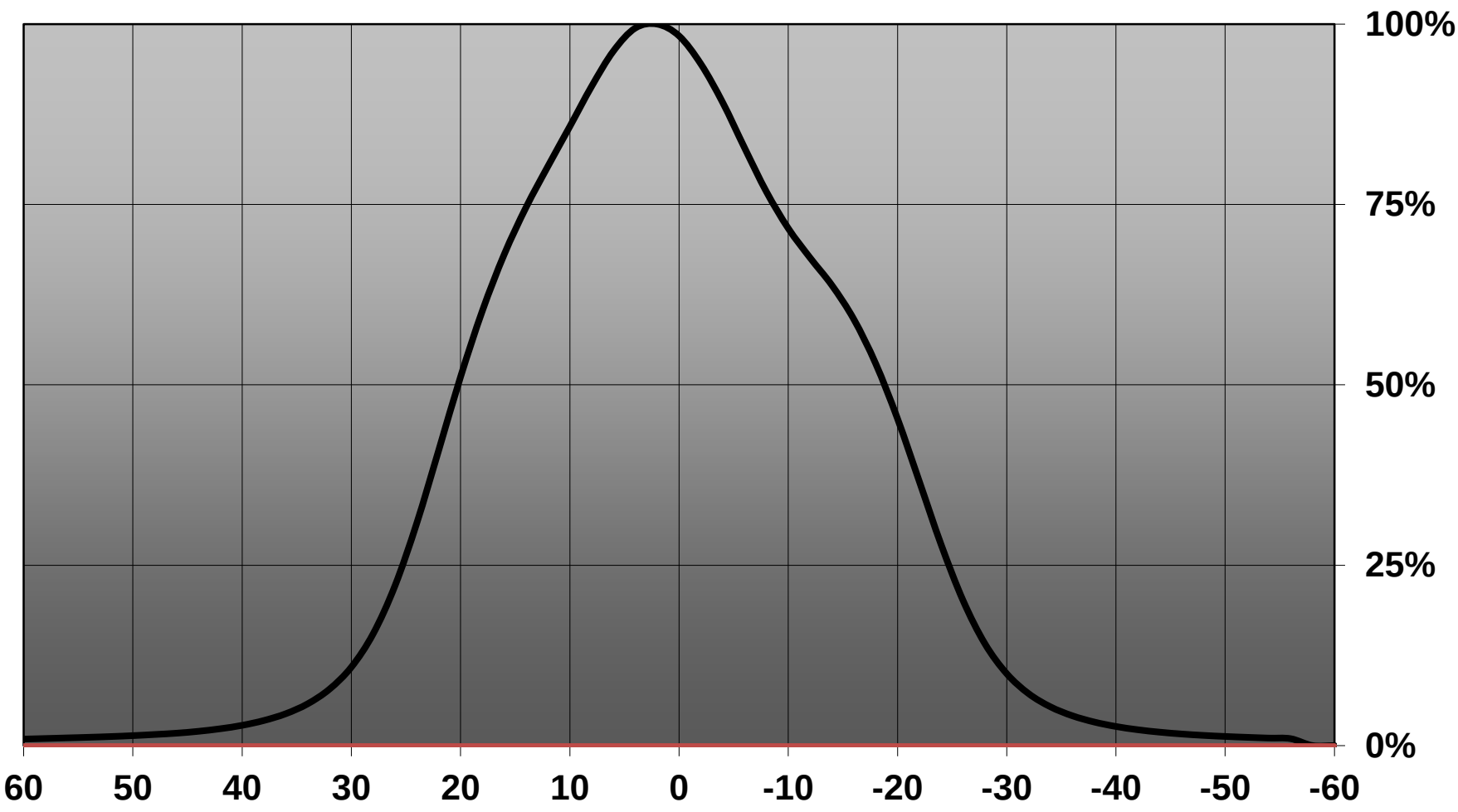
OPTICAL PROPERTIES

LED	Viewing Angle	Light Beam	Effi-ciency	cd/lm	Connector
XP-E	47 deg	Wide	92 %	1.700	-
XP-G	46 deg	Wide	91 %	1.550	-
XB-D	42 deg	Wide	86 %	1.520	-
LUXEON Rebel	44 deg	Wide	88 %	1.800	-
LUXEON T	46 deg	Wide	88 %	1.400	-
LUXEON Z ES	38 deg	Wide	92 %	2.200	-
LUXEON H50-2	sim: 51	Wide	sim: 92 %	sim: 1.400	-
NCSxx19B	41 deg	Wide	90 %	1.900	-
NF2x757D	36 deg	Wide	87 %	2.100	-
Oslon Square EC	44 deg	Wide	89 %	-	-
Oslon SSL 150	34 deg	Wide	85 %	-	-
Oslon SSL 80	43 deg	Wide	88 %	-	-
Z5	sim: 46	Wide	-	-	-

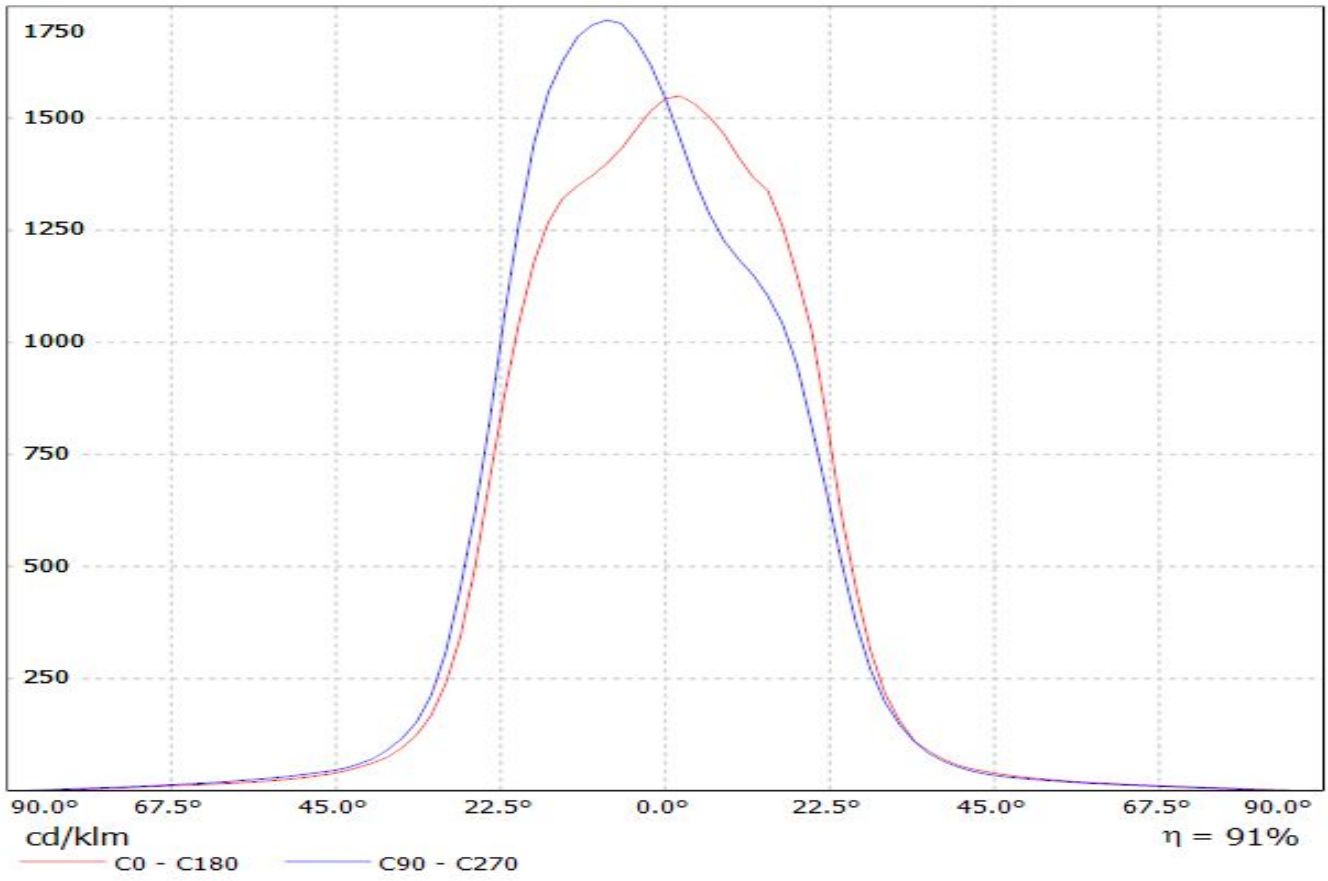
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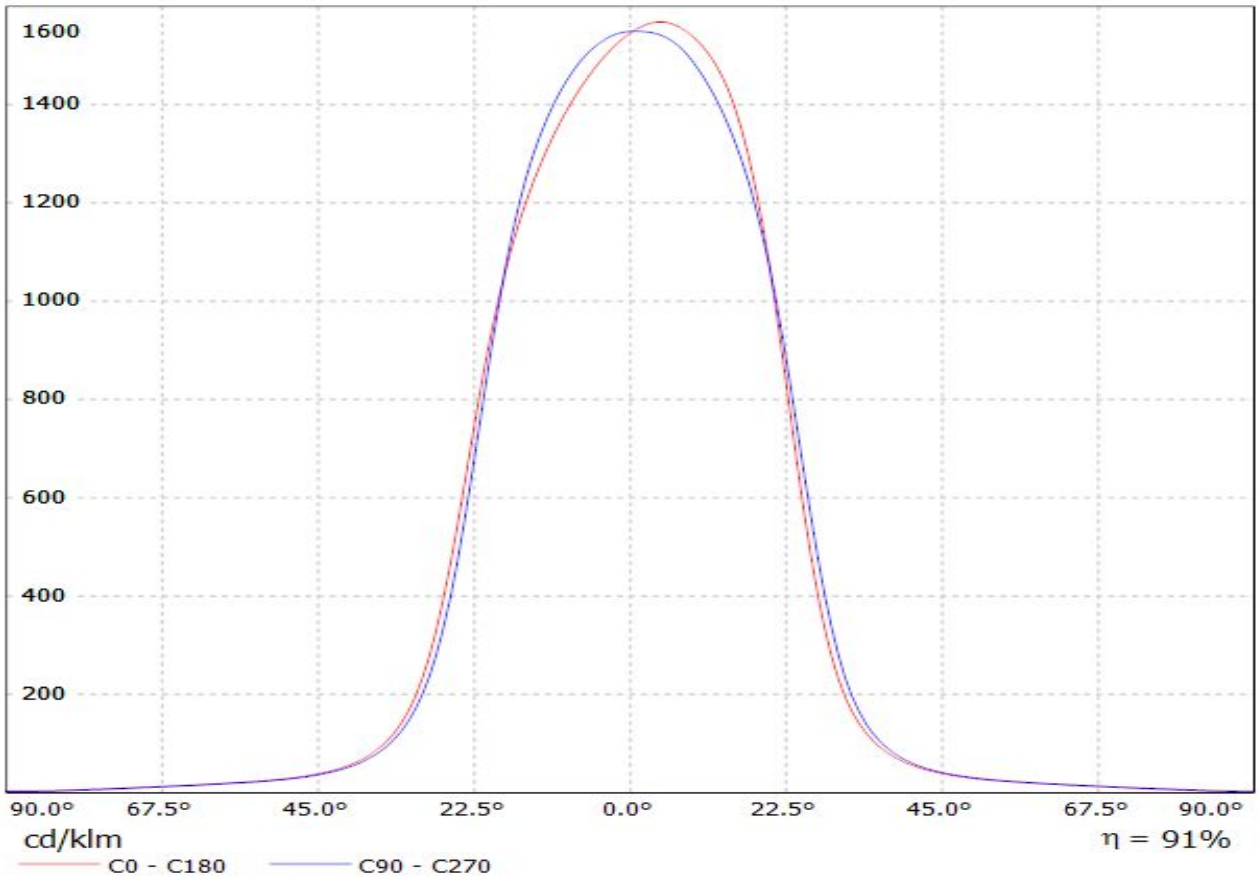
Relative intensity of CA12344_LAURA-W-PIN_(Luxeon Z ES)



Luminaire: LEDiL CA12344_LAURA-W-PIN_(XP-E) Eff.92%
Lamps: 1 x Cree XP-E (69lm@250mA)

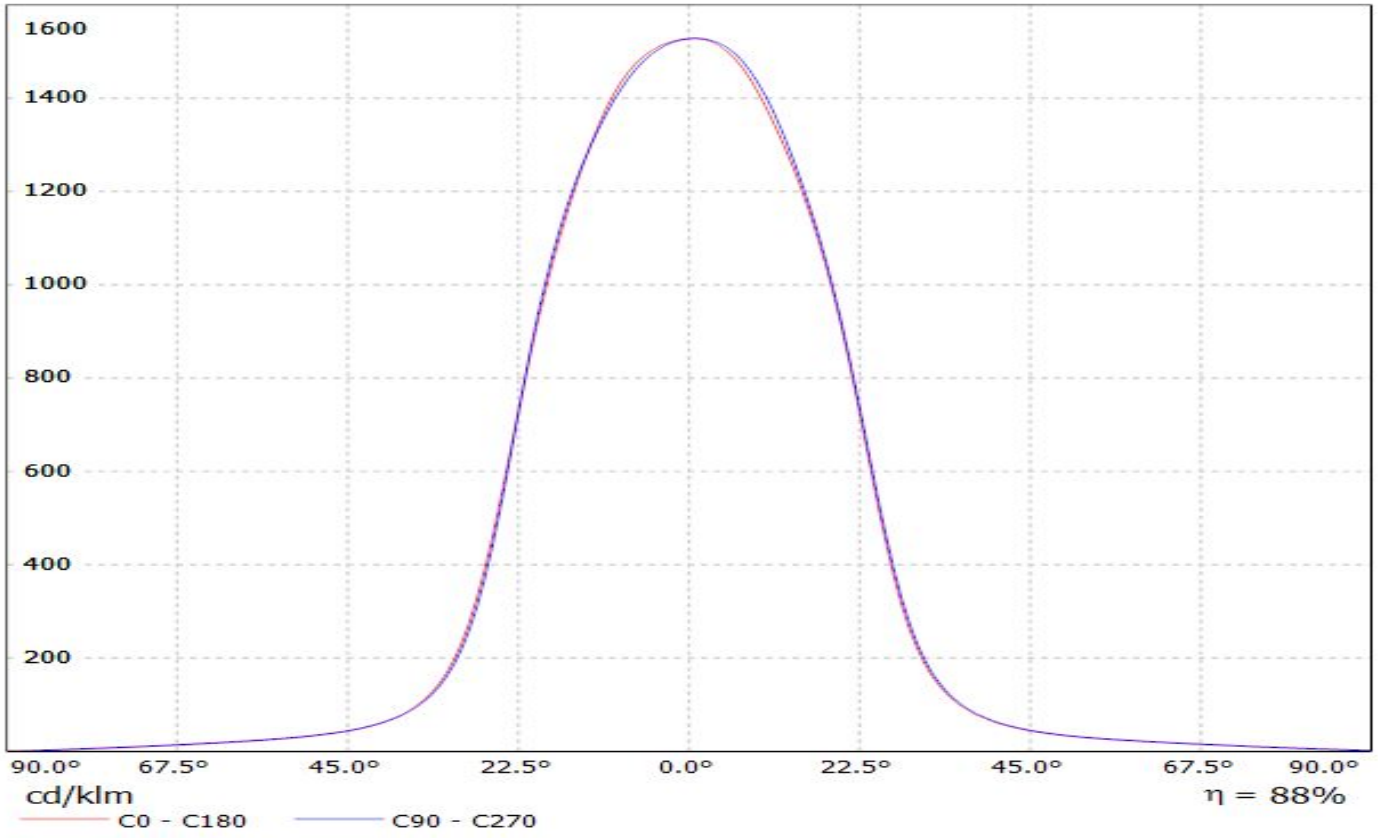


Luminaire: LEDIL OY CA12344_LAURA-W-PIN_(XP-G) Eff.90.9%
Lamps: 1 x Cree XP-G (66.49lm@250mA)

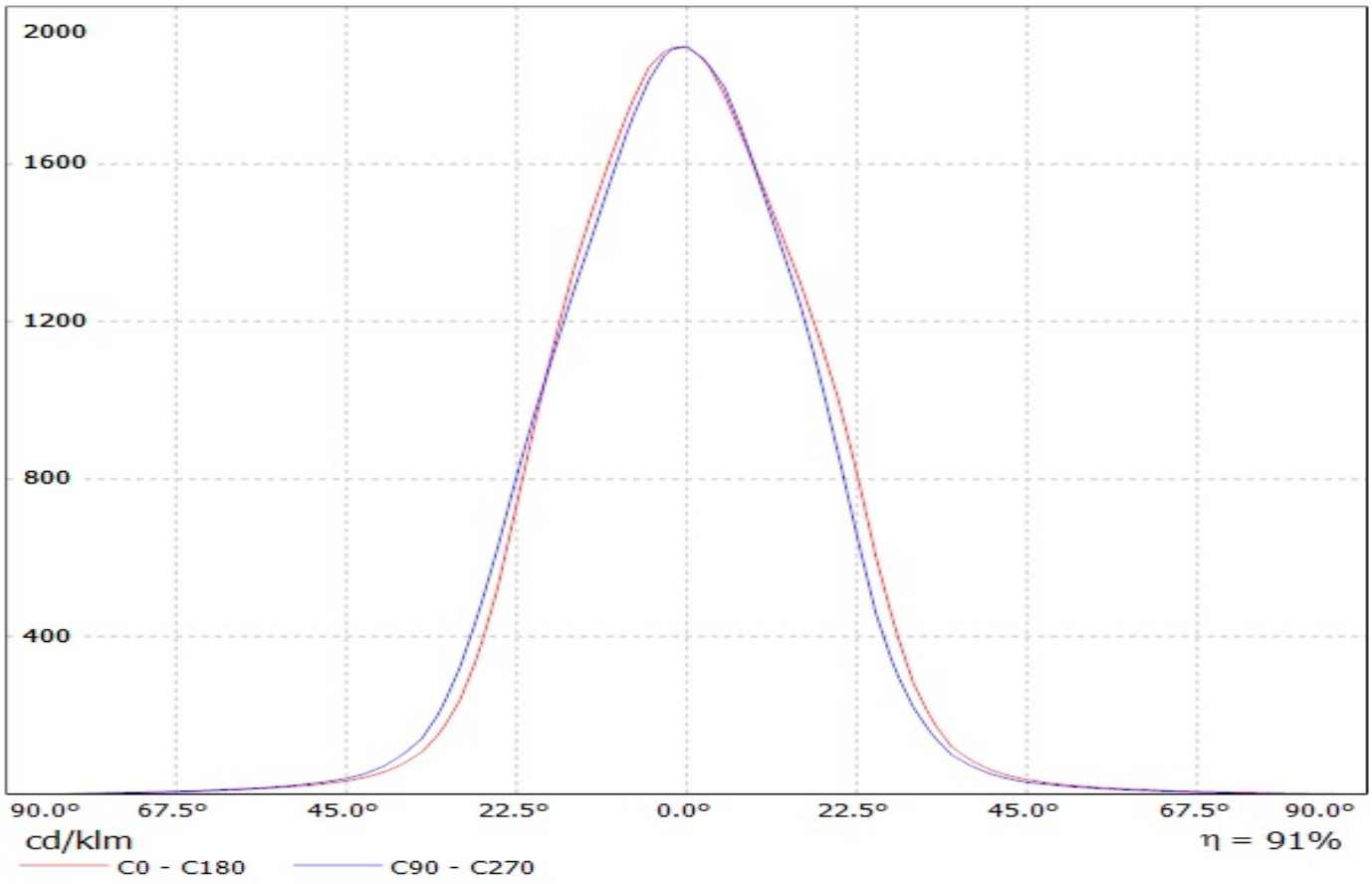


LEDiL Oy CA12344_LAURA-W-PIN_(LUXEON_T)_1 Eff.87.6% / LDC (Linear)

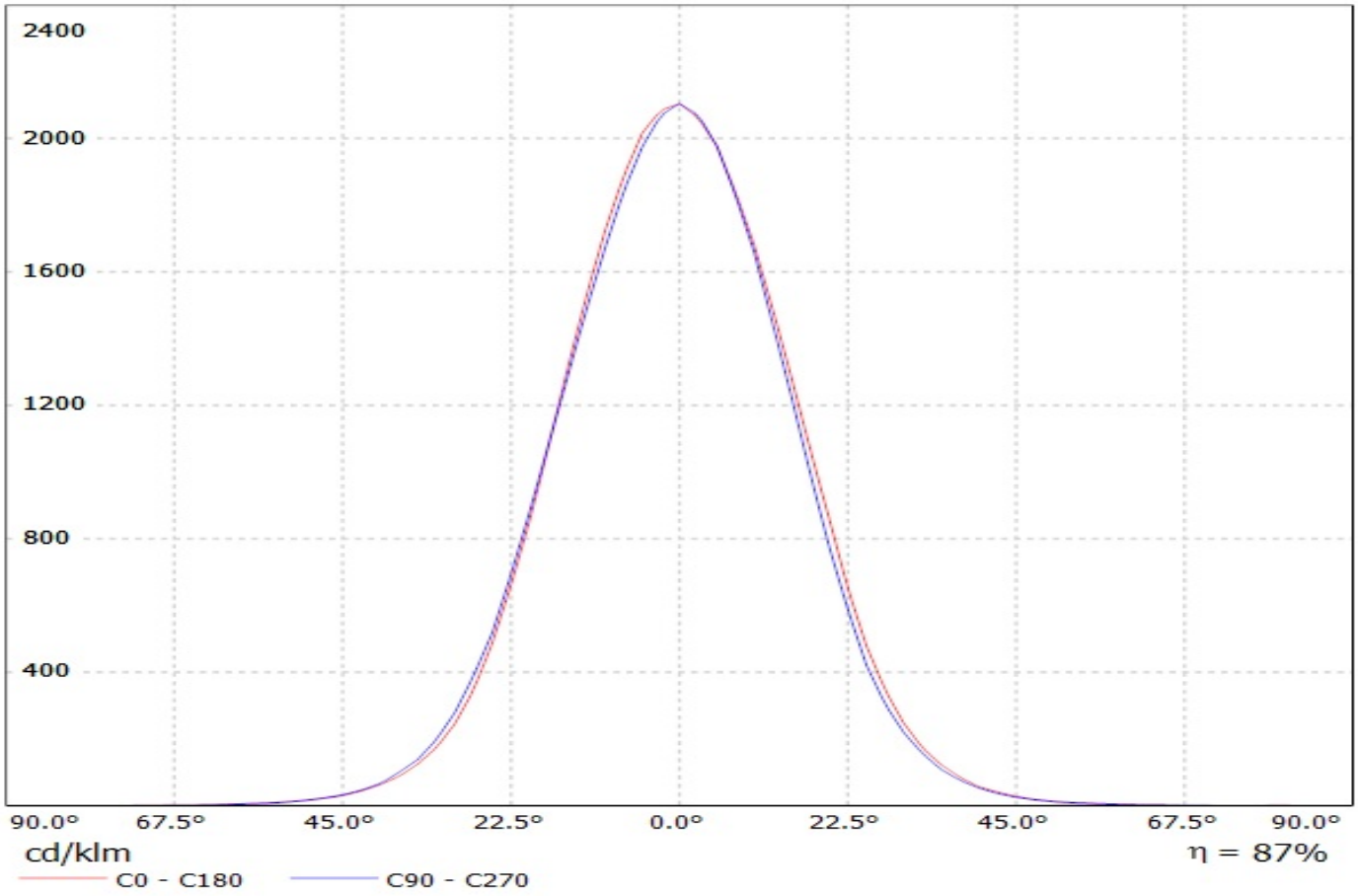
Luminaire: LEDiL Oy CA12344_LAURA-W-PIN_(LUXEON_T)_1 Eff.87.6%
Lamps: 1 x LUXEON T (74lm@250mA)



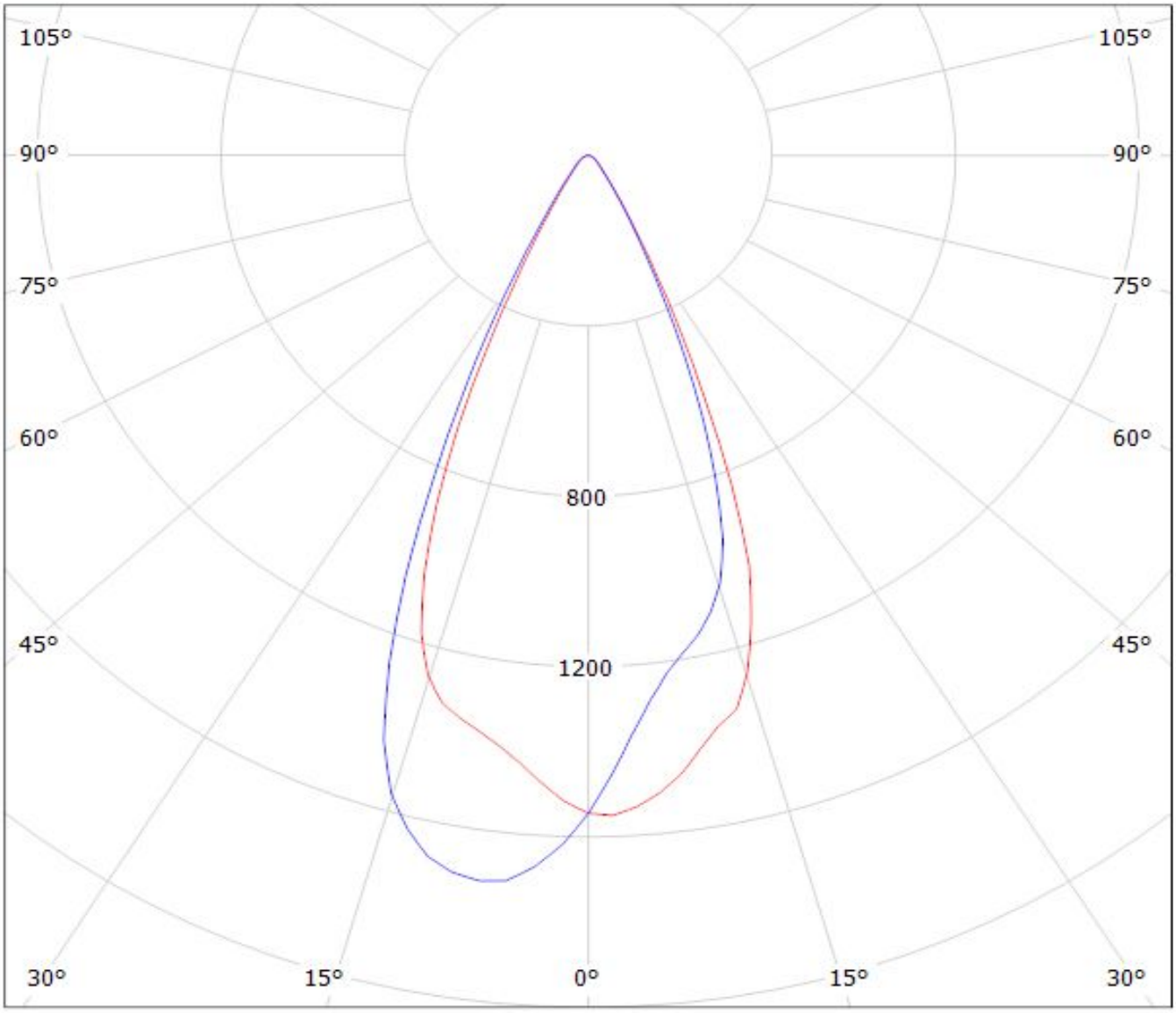
Luminaire: LEDil Oy CA12344_LAURA-W-PIN_(NCSxx19B) Efficiency=90%
Lamps: 1 x Nichia NCSxx19B (NCSL119BE) 88.5lm @ 250mA CCT=3400K P=0.8W I=250mA



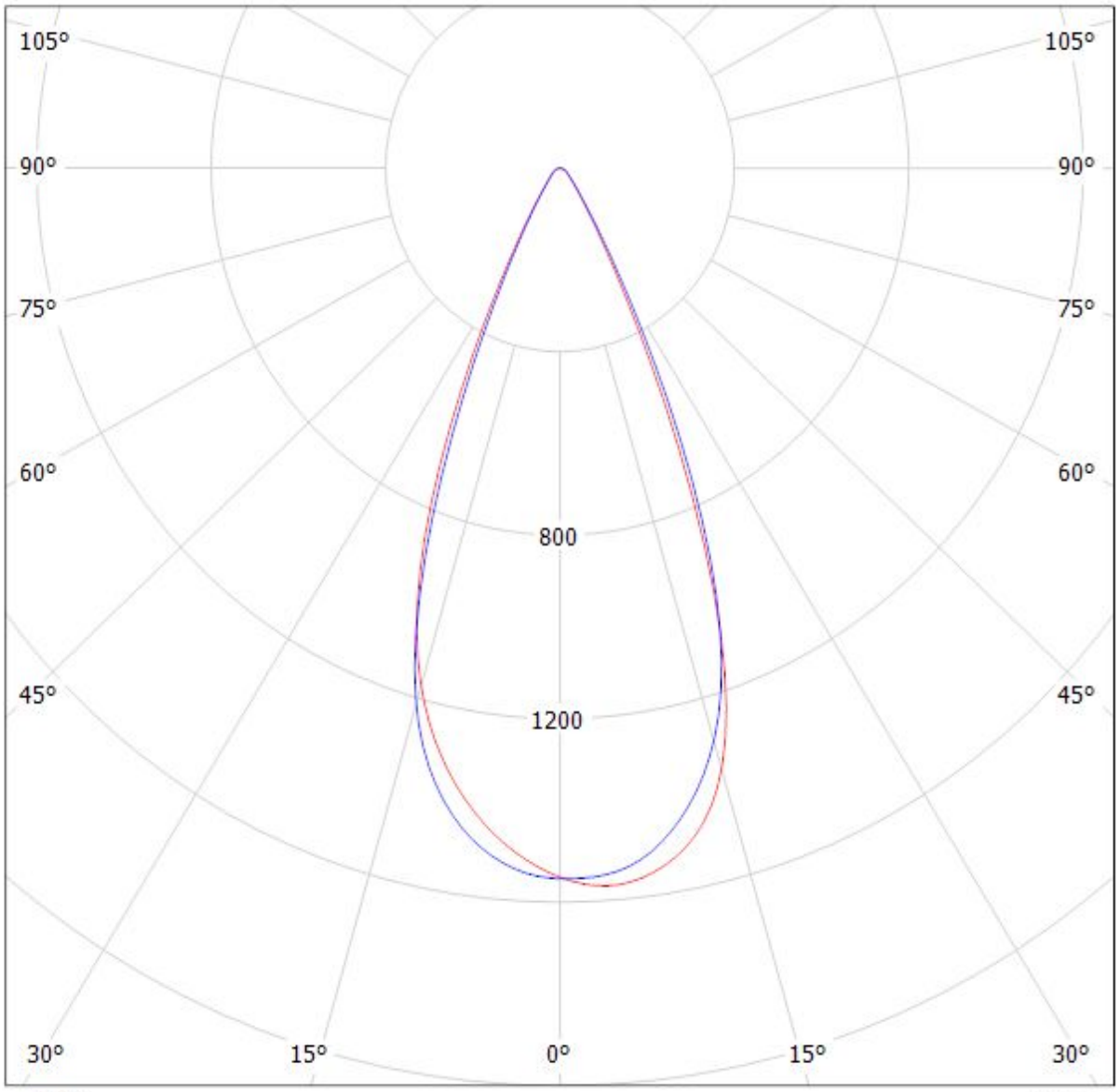
Luminaire: LEDil Oy CA12344_LAURA-W-PIN_(NF2x757D)
Lamps: 1 x Nichia NF2x757D (NF2W757DRE) 51.22lm @ 65mA CCT=4987K P=0.4W I=65mA



Luminaire: LEDiL CA12344_LAURA-W-PIN_(XP-E) Eff.92%
Lamps: 1 x Cree XP-E (69lm@250mA)



Luminaire: LEDIL OY CA12344_LAURA-W-PIN_(XP-G) Eff.90.9%
Lamps: 1 x Cree XP-G (66.49lm@250mA)



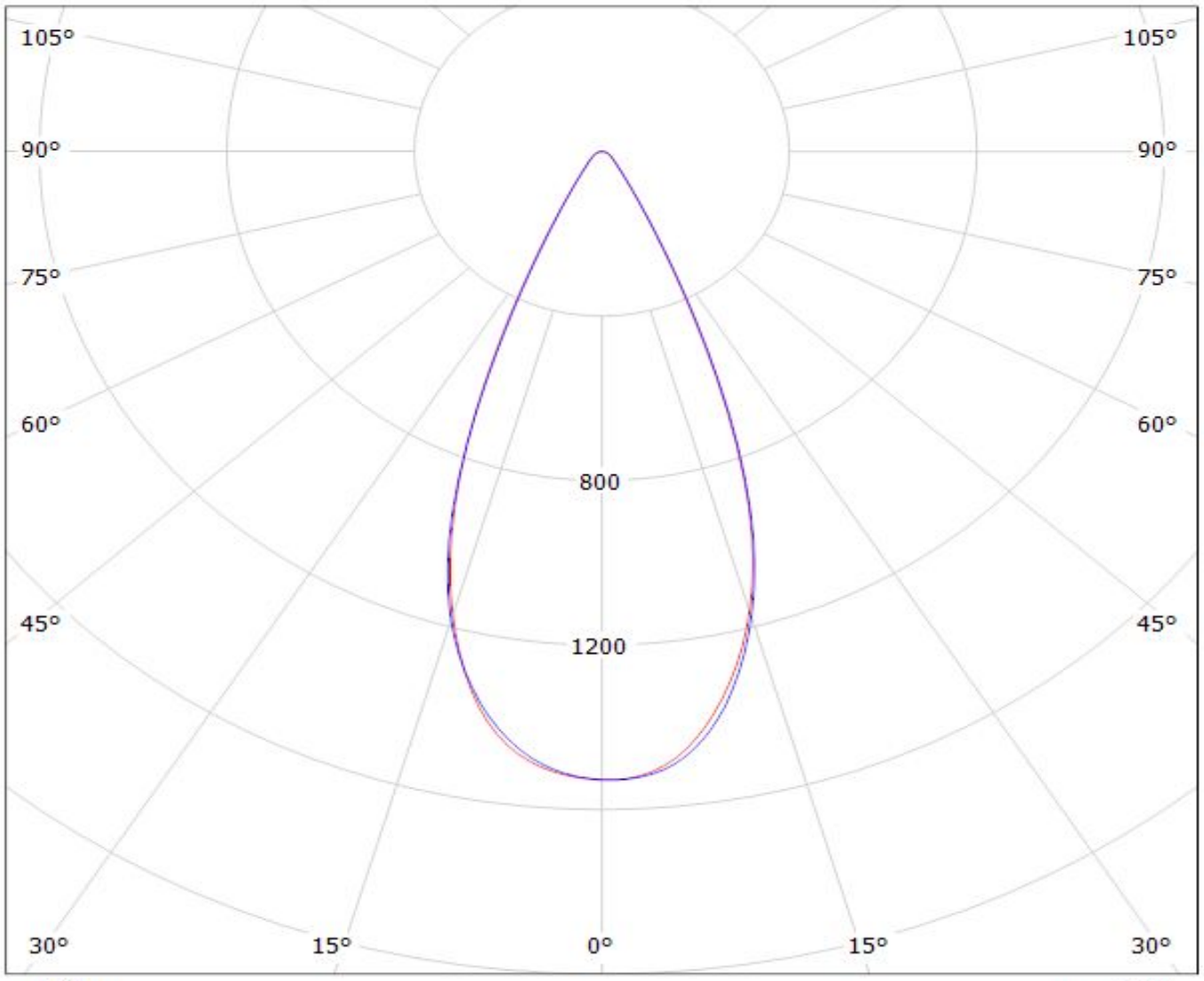
cd/klm

η = 91%

C0 - C180 C90 - C270

LEDiL Oy CA12344_LAURA-W-PIN_(LUXEON_T)_1 Eff.87.6% / LDC (Polar)

Luminaire: LEDiL Oy CA12344_LAURA-W-PIN_(LUXEON_T)_1 Eff.87.6%
Lamps: 1 x LUXEON T (74lm@250mA)

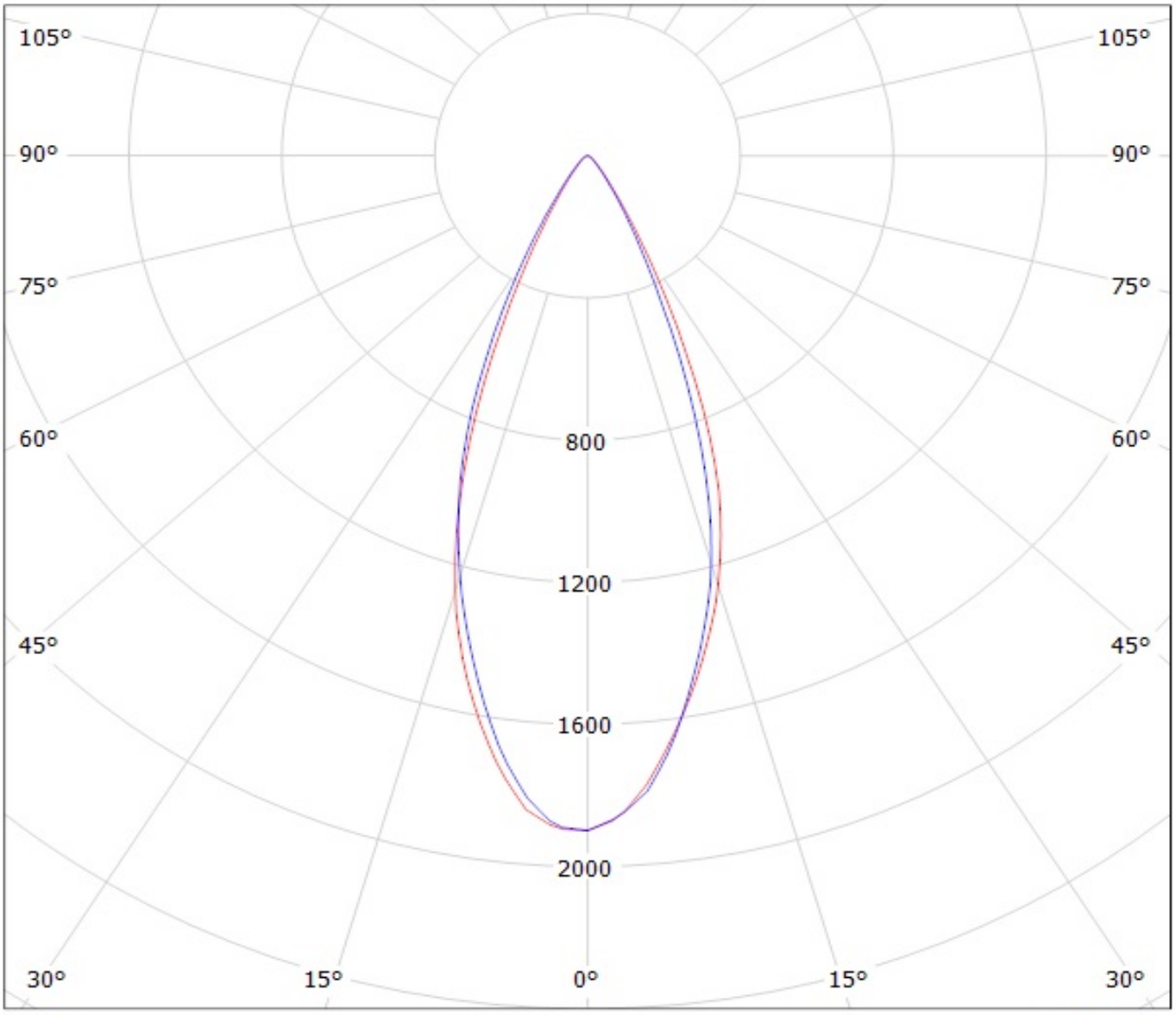


cd/klm

η = 88%

C0 - C180 C90 - C270

Luminaire: LEDil Oy CA12344_LAURA-W-PIN_(NCSxx19B) Efficiency=90%
Lamps: 1 x Nichia NCSxx19B (NCSL119BE) 88.5lm @ 250mA CCT=3400K P=0.8W I=250mA

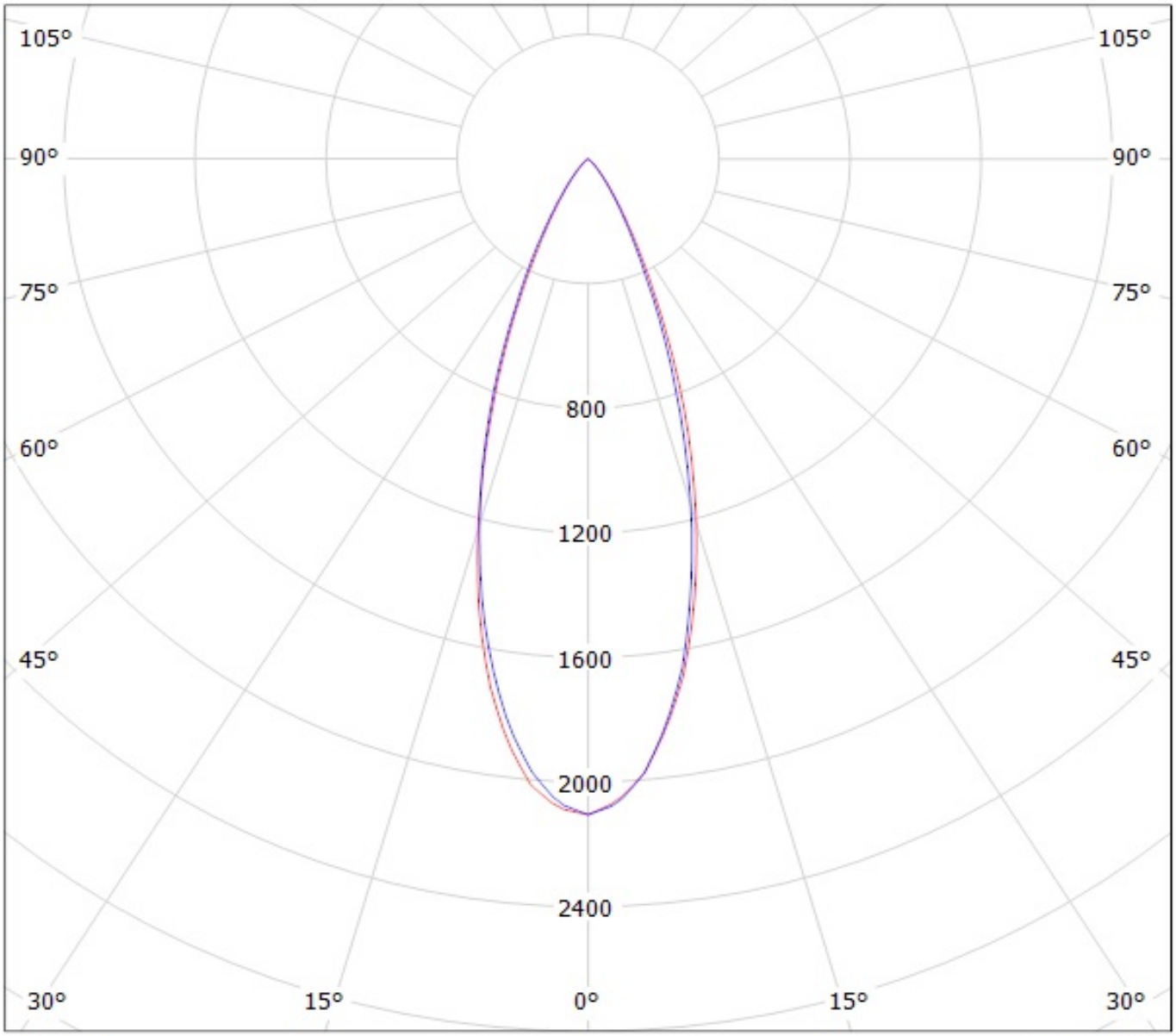


cd/klm

η = 91%

C0 - C180 C90 - C270

Luminaire: LEDil Oy CA12344_LAURA-W-PIN_(NF2x757D)
Lamps: 1 x Nichia NF2x757D (NF2W757DRE) 51.22lm @ 65mA CCT=4987K P=0.4W I=65mA



cd/klm

η = 87%

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.