

DETAILS

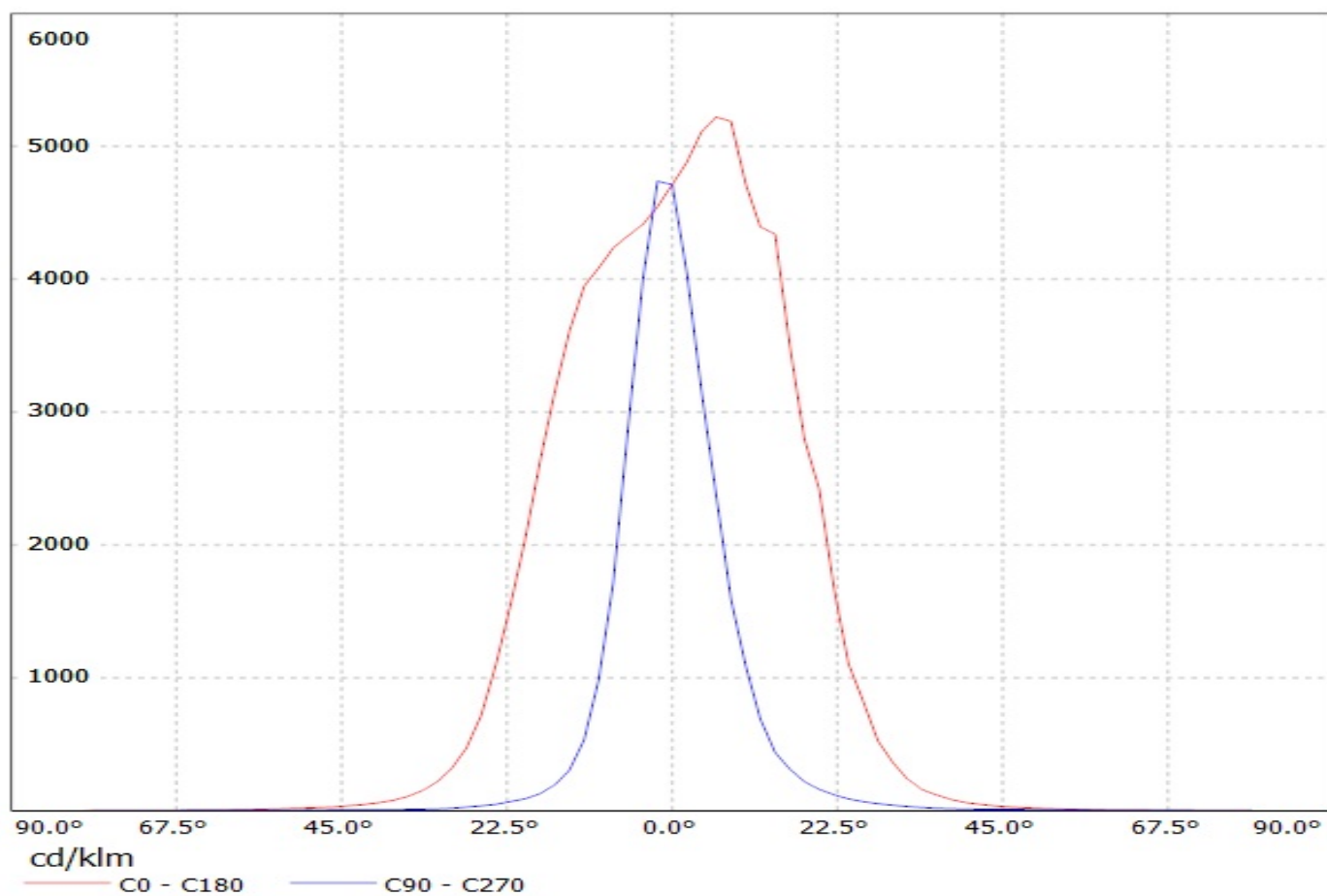
Product Number	CA12012_LAURA-O-PIN
Family	Laura
Type	Assembly
Color	white
Diameter	21.6 x 21.6 mm
Height	13.1 mm
Style	square
Optic Material	PMMA
Holder Material	PC
Fastening	pin, tape
Status	ready
ROHS Compliant	Yes
Date Updated	18/04/2012



OPTICAL PROPERTIES

LED	Viewing	Light	Effi-		Connector
	Angle	Beam	ciency	cd/lm	
Double Dome (GM2BB)	sim:	Oval	-	-	-
LUXEON H50-2	sim: 13+61	Oval	sim: 81 %	sim: 2.700	-
Oslon SSL 150	36+10 deg	Oval	86 %	4.440	-
XB-D	39+11 deg	Oval	94 %	4.810	-
Oslon Square EC	39+14 deg	Oval	87 %	3.820	-
SFH4725s (IR)	40+14 deg	Oval	-	sim: 0.000	-
XP-E	40+13 deg	Oval	91 %	4.800	-
XP-G	40+13 deg	Oval	91 %	sim: 0.000	-
Z5	40+12 deg	Oval	-	sim: 0.000	-
Oslon Square PC	40+12 deg	Oval	88 %	5.100	-
Oslon SSL 80	40+12 deg	Oval	86 %	4.530	-
LUXEON Z ES	40+11 deg	Oval	91 %	6.200	-
XP-E2	41+10 deg	Oval	91 %	6.740	-
SFH 4715S (IR)	41+14 deg	Oval	sim: 80 %	sim: 0.000	-
LUXEON Rebel	41+12 deg	Oval	90 %	5.000	-
NCSxx19B	41+13 deg	Oval	90 %	5.100	-
LUXEON Rebel ES	41+14 deg	Oval	90 %	4.600	-

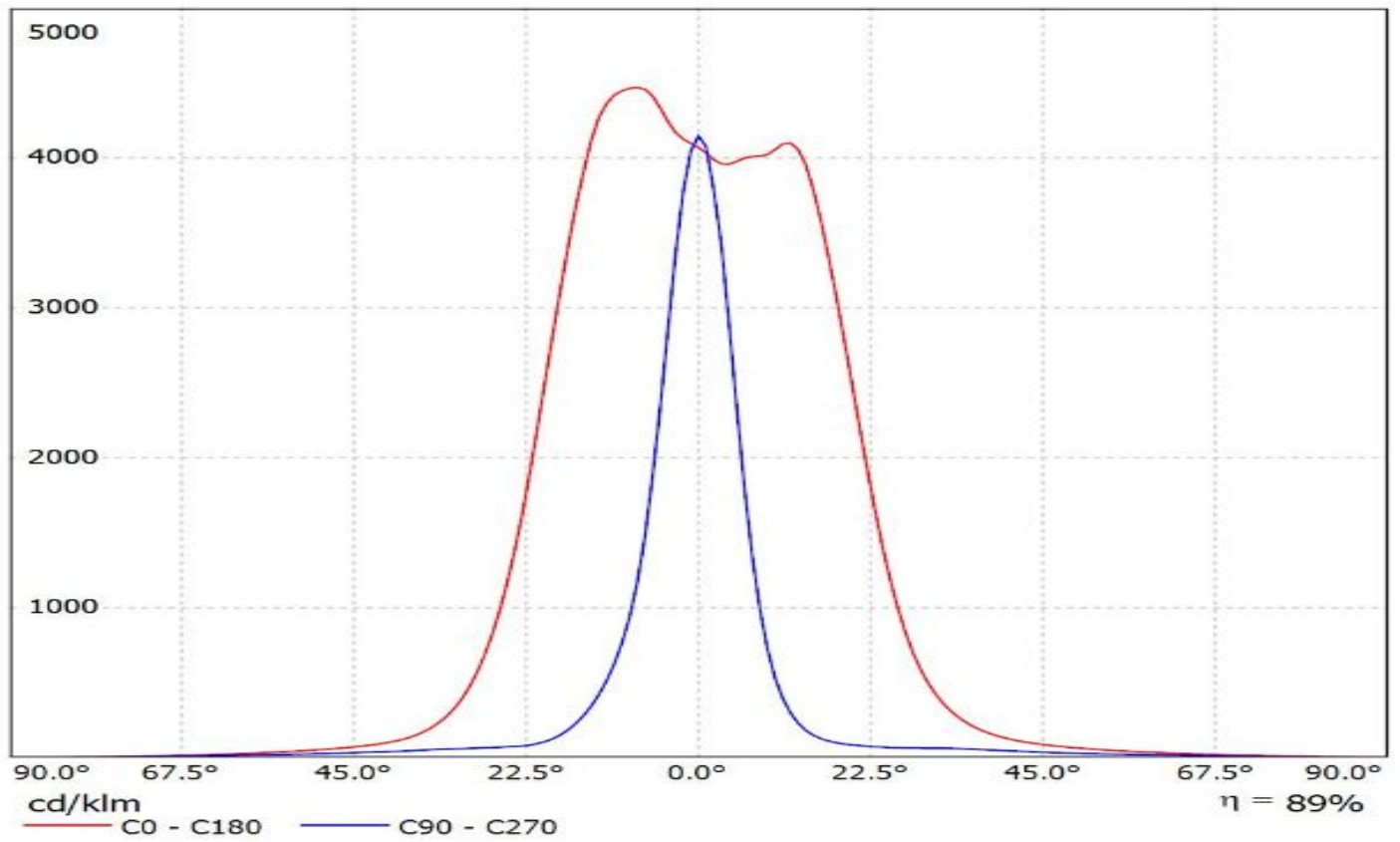
Luminaire: LEDiL CX11364_LAURA-O Eff.90%
Lamps: 1 x Luxeon Rebel (80lm@250mA)



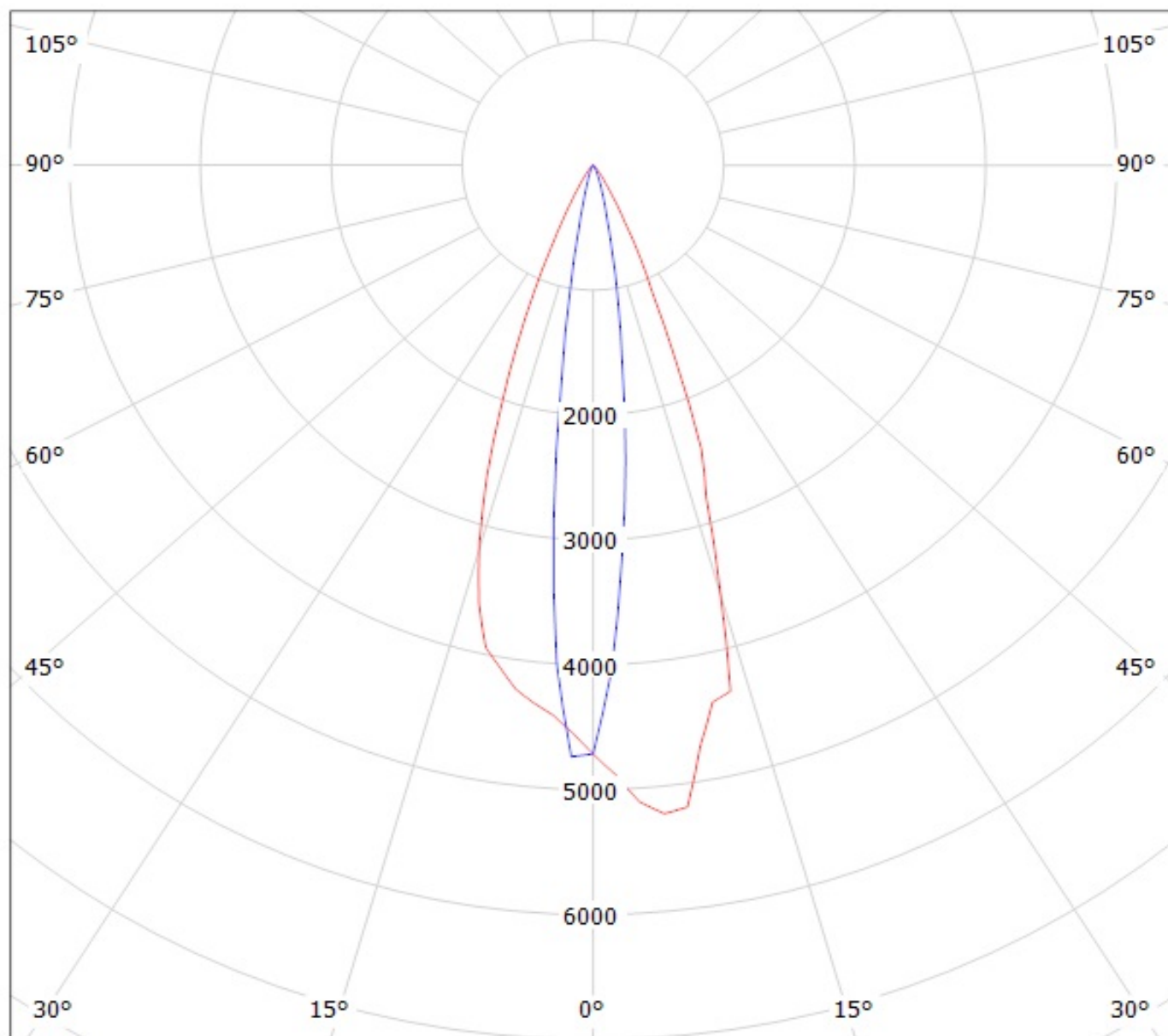
Ledil CX11364_LAURA-O_(LUXEON_A) / LDC (Linear)

Luminaire: Ledil CX11364_LAURA-O_(LUXEON_A)

Lamps: 1 x LUXEON_A_80lm@250mA_CCT=2933K_P=0.77W_I=0.25A



Luminaire: LEDiL CX11364_LAURA-O Eff.90%
Lamps: 1 x Luxeon Rebel (80lm@250mA)



cd/klm

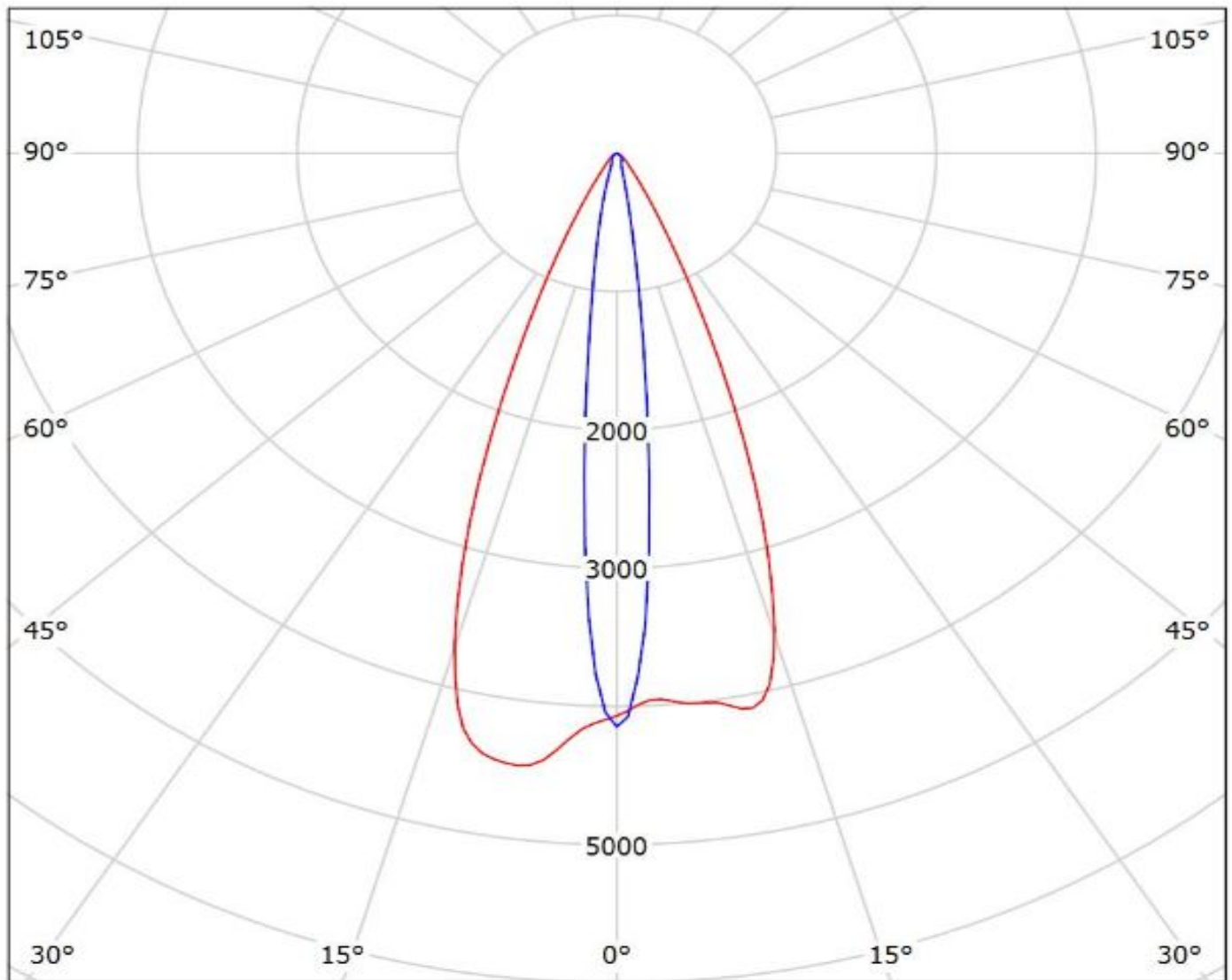
— C0 - C180

— C90 - C270

Ledil CX11364_LAURA-O_(LUXEON_A) / LDC (Polar)

Luminaire: Ledil CX11364_LAURA-O_(LUXEON_A)

Lamps: 1 x LUXEON_A_80lm@250mA_CCT=2933K_P=0.77W_I=0.25A



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.

GENERAL INFORMATION

- Product series especially designed & optimized for series of LEDs.
- Special care taken to make light distribution as uniform as possible.
- Fastening to heat sink with a PU foam adhesive tape of automotive grade. Please find fastening details by clicking link: http://www.ledil.com/datasheets/DataSheet_TAPE.pdf

NOTE 1: We advise customer to ensure the suitability and sufficiency of the bond in the end product. For example, mechanical stress, vibration and holes on the surface of the circuit board weaken the strength of the tape.

NOTE 2: Assembly to the surface must be made straight, so the tape bonds constant and balanced with fastening surface. Slanted assembly might cause unbalanced bond to the surface. All surfaces where tape is applied must be clean, dry and free from grease and dirt.

If cleaning of PCB surfaces is needed, please follow strictly the cleaning instructions of your LED manufacturer - this is important as cleaning shall under no circumstances damage LEDs or other electronics components on the PCB.

Further note that optical components shall not be cleaned with any chemicals - only micro fiber cloth may be used to remove fingerprints or other traces from handling.