PRODUCT DATASHEET
Tina3 series
last update 25/9/2013

DETAILS

Product Number	CA13043_TINA3-W
Family	Tina3
Type	Assembly
Color	white
Diameter	16,1 mm
Height	7,29 mm
Style	round
Optic Material	PMMA
Holder Material	PC
Fastening	tape
Status	ready
ROHS Comliant	Yes
Date Updated	25/09/2013

OPTICAL PROPERTIES

LED	Viewing Angle	Light Beam	Efficiency	cd/lm	connector
XP-E	32 degrees		93 %	2.000	-
XT-E	36 degrees		93 %	2.000	-
XP-G	38 degrees		93 %	1.700	-
XP-G2	43 degrees		91 %	1.700	-

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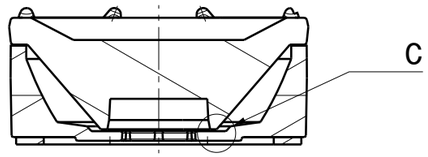
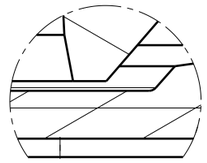
http://www.ledil.com
email: ledil@ledil.com
FAX: +358-2-733 8001

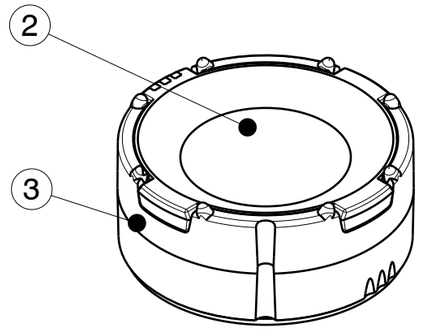
INDEX	PART NO	DESCRIPTION	MATERIAL
1	C11840	TINA-TAPE3	PU 2-sided foam tape, adhesive
2	C12904	TINA3-HLD-TAPE	PC, white
3	F11872	TINA3-S	PMMA



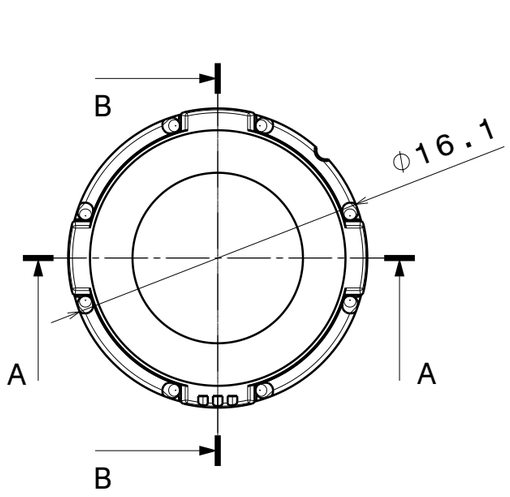
Section view A-A
Scale: 3:1

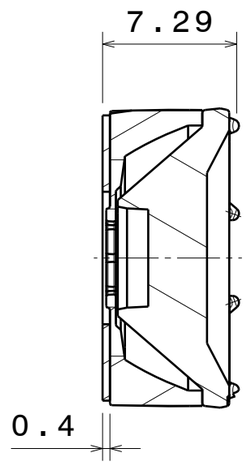


Detail C

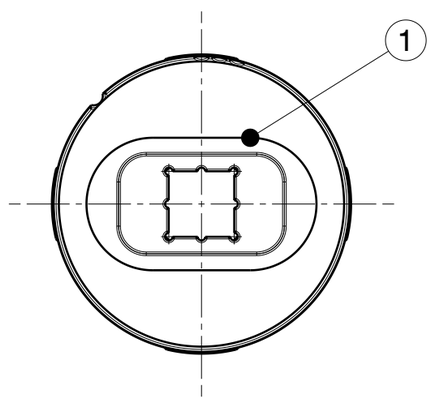


Isometric view
Scale: 3:1





Section view B-B
Scale: 3:1



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

Control for SPC marked dimensions.

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Finland

DRAWN BY	DATE
oha	20.9.2012
CHECKED BY	DATE
vs	-
DESIGNED BY	DATE
-	-

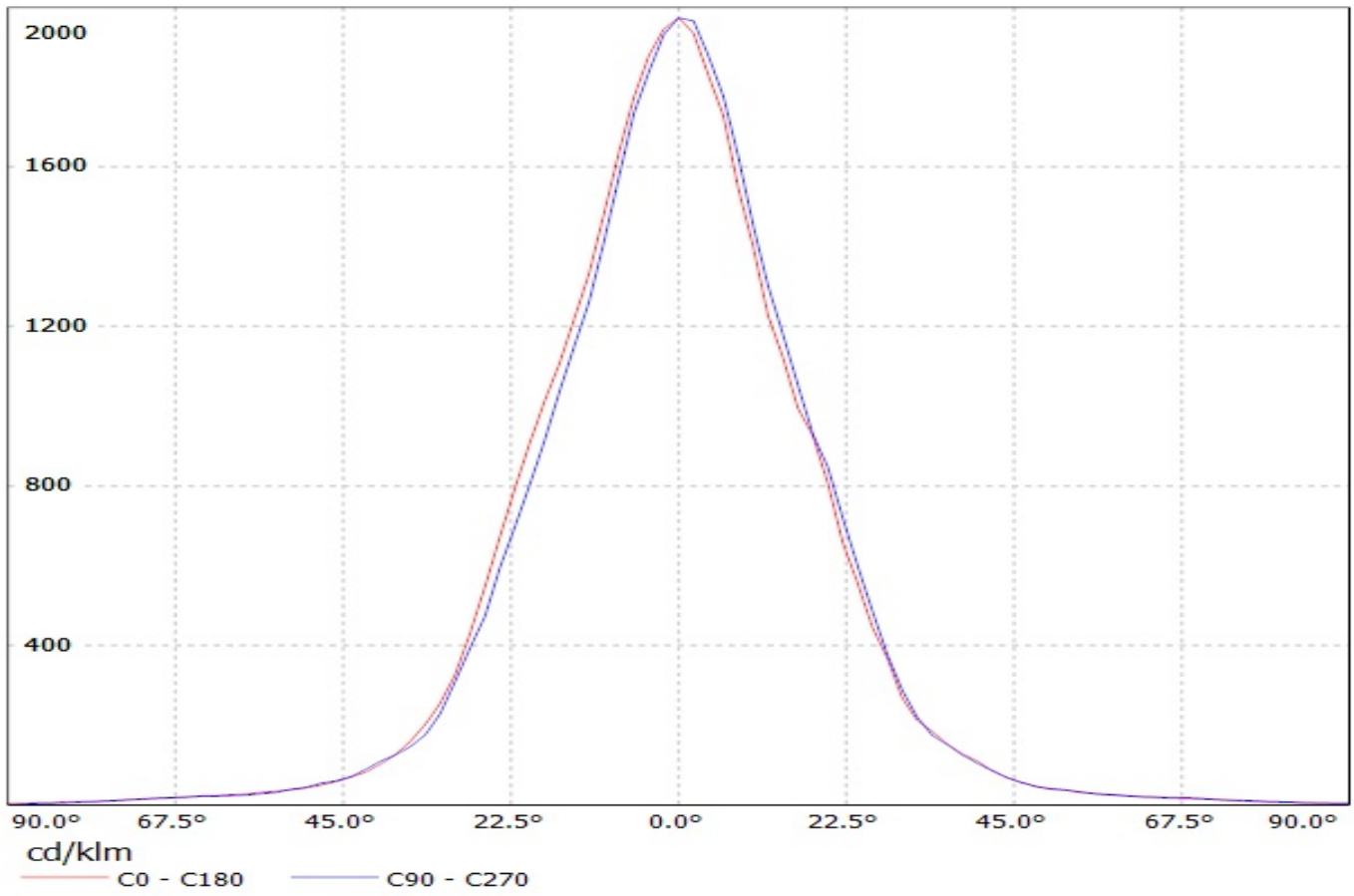
DRAWING TITLE: Datasheet

FCA13042_TINA3-S

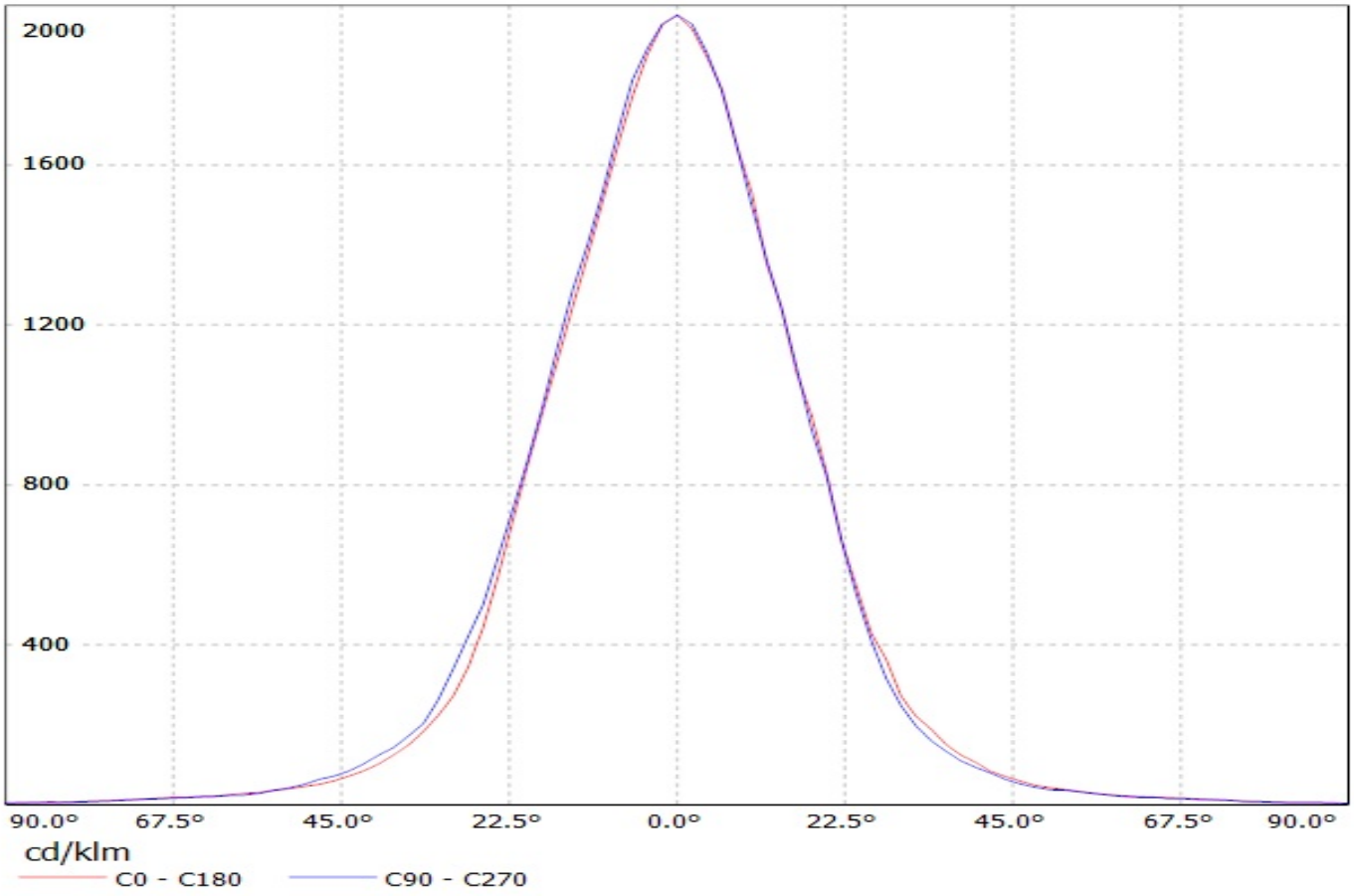
SIZE	PART NUMBER	REV
A3	FCA13042	001

SCALE	WEIGHT		SHEET
3:1	3,33 g		1/1

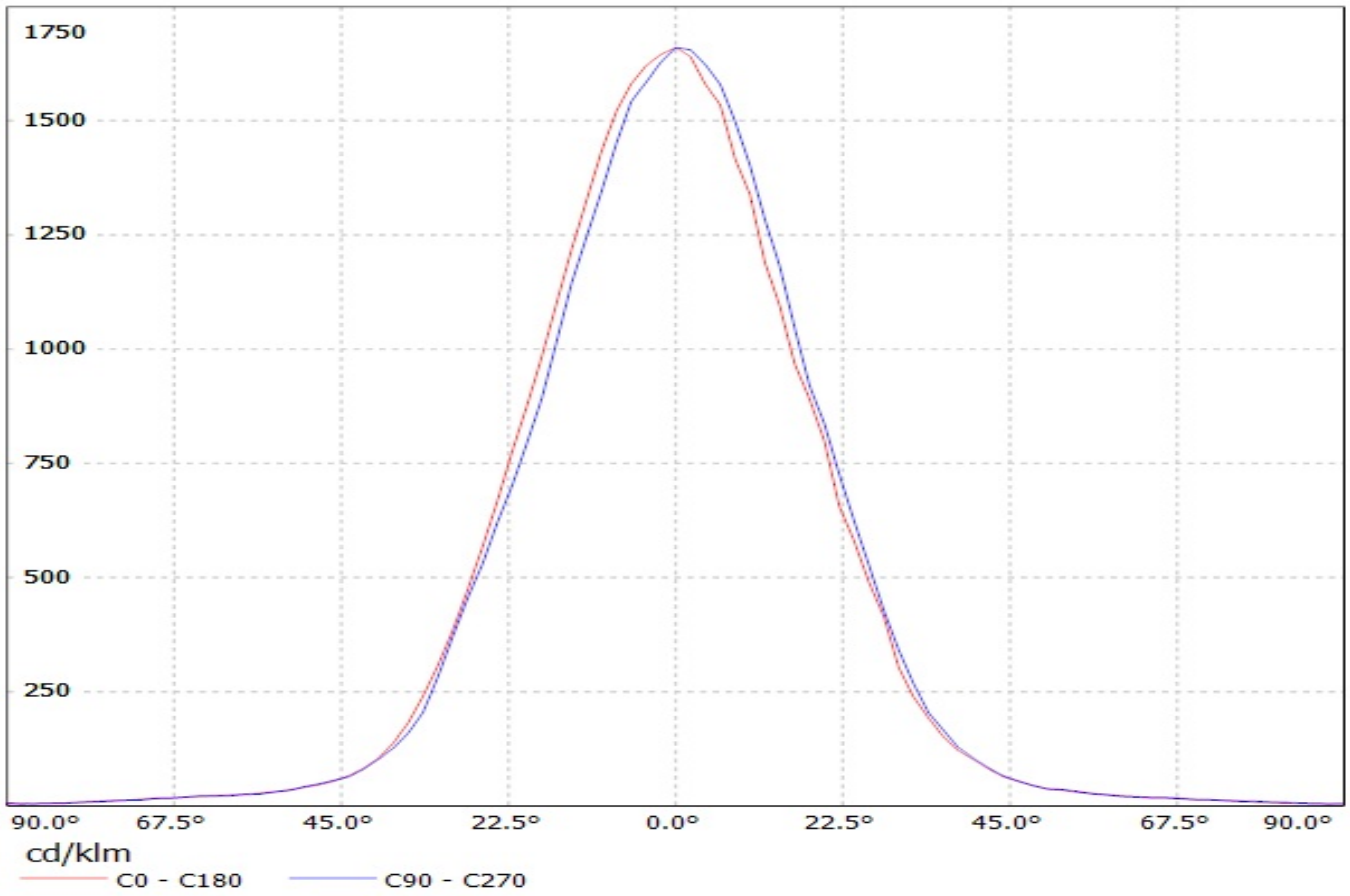
Luminaire: Ledil Oy CA13043_TINA3-W (Cree XP-E 76lm @ 250mA) Efficiency=93%
Lamps: 1 x Cree XP-E 76lm @ 250mA



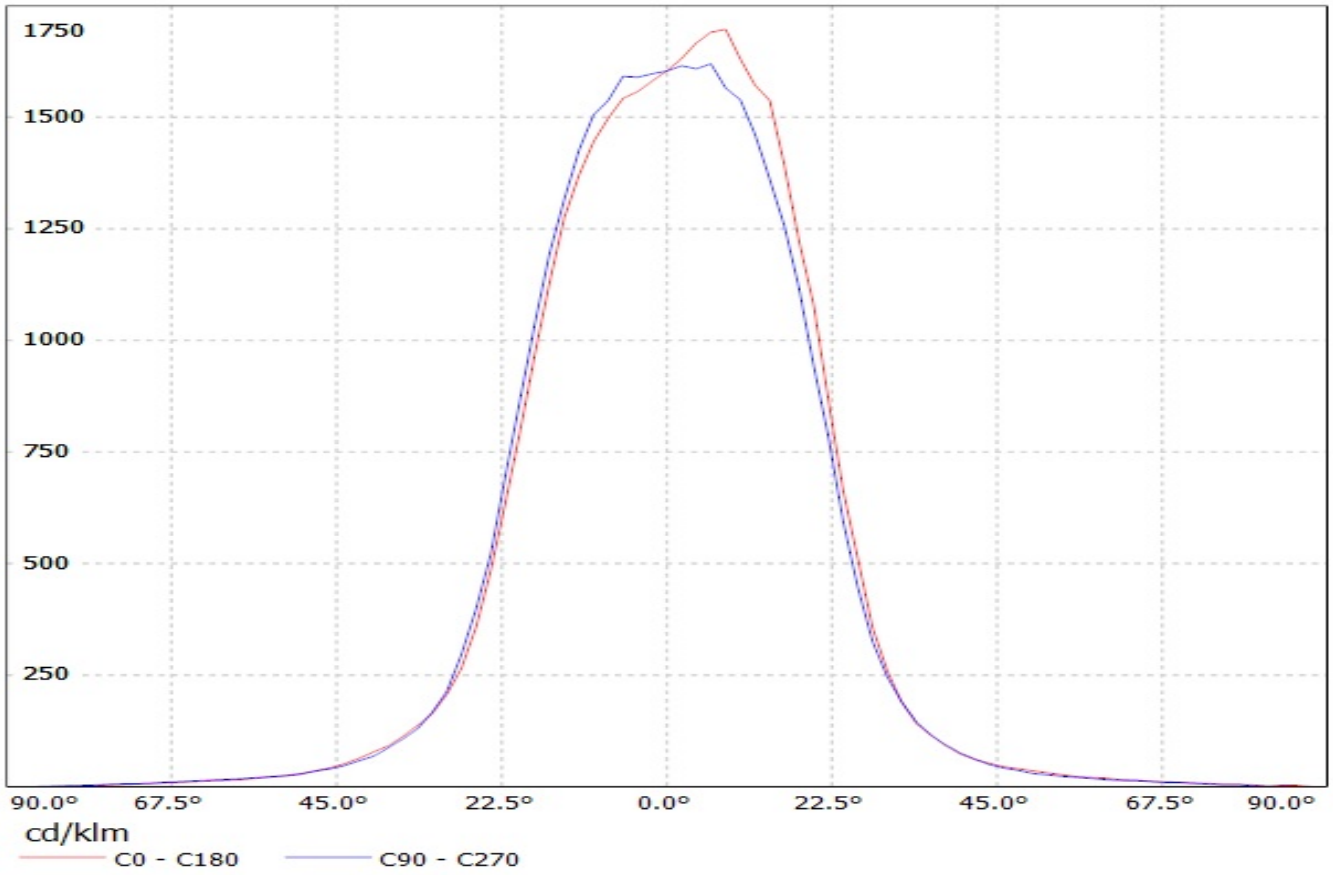
Luminaire: Ledil Oy CA13043_TINA3-W (Cree XT-E 94lm @ 250mA) Efficiency=93%
Lamps: 1 x Cree XT-E 94lm @ 250mA



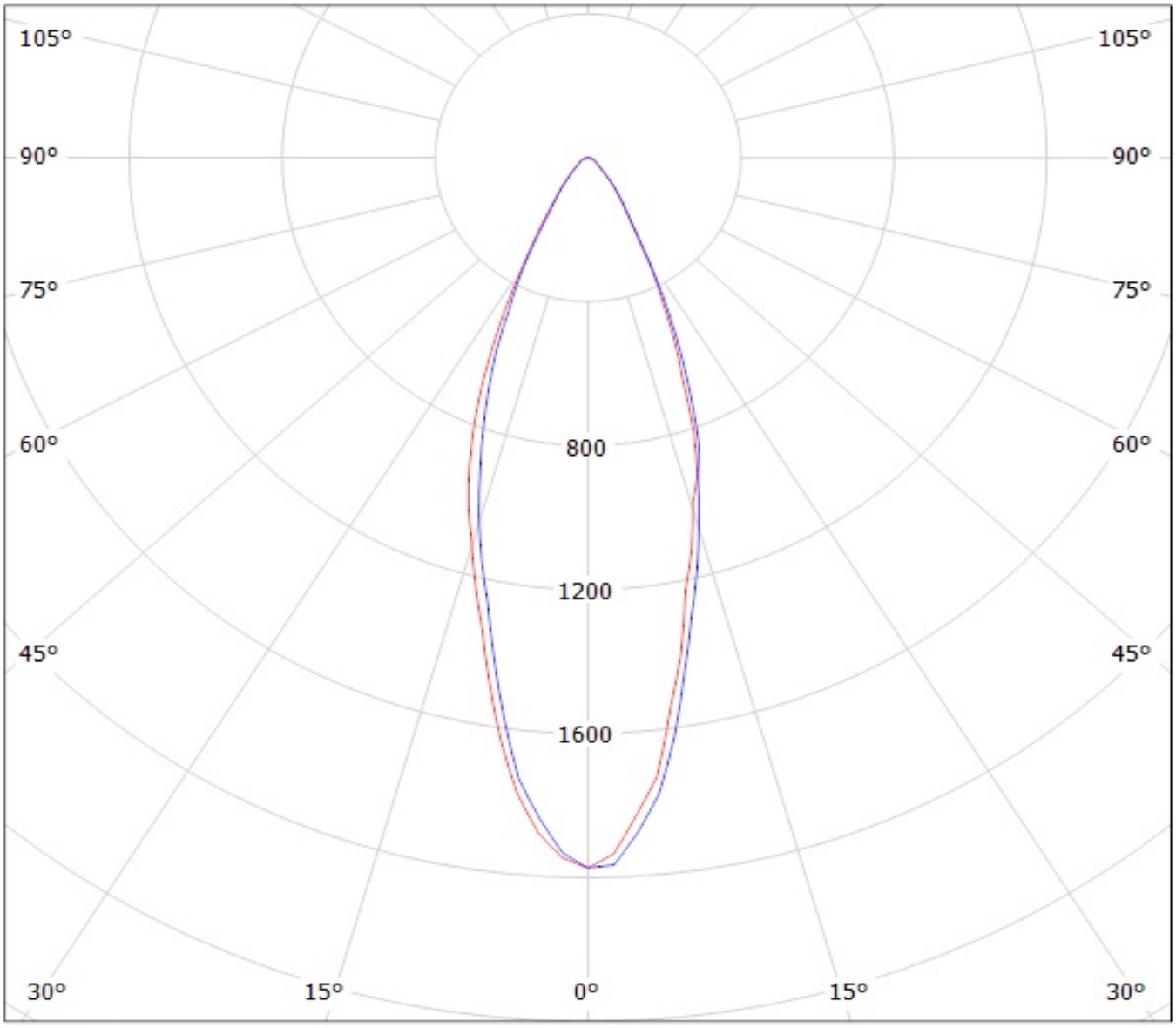
Luminaire: Ledil Oy CA13043_TINA3-W (Cree XP-G 87lm @ 250mA) Efficiency=93%
Lamps: 1 x Cree XP-G 87lm @ 250mA



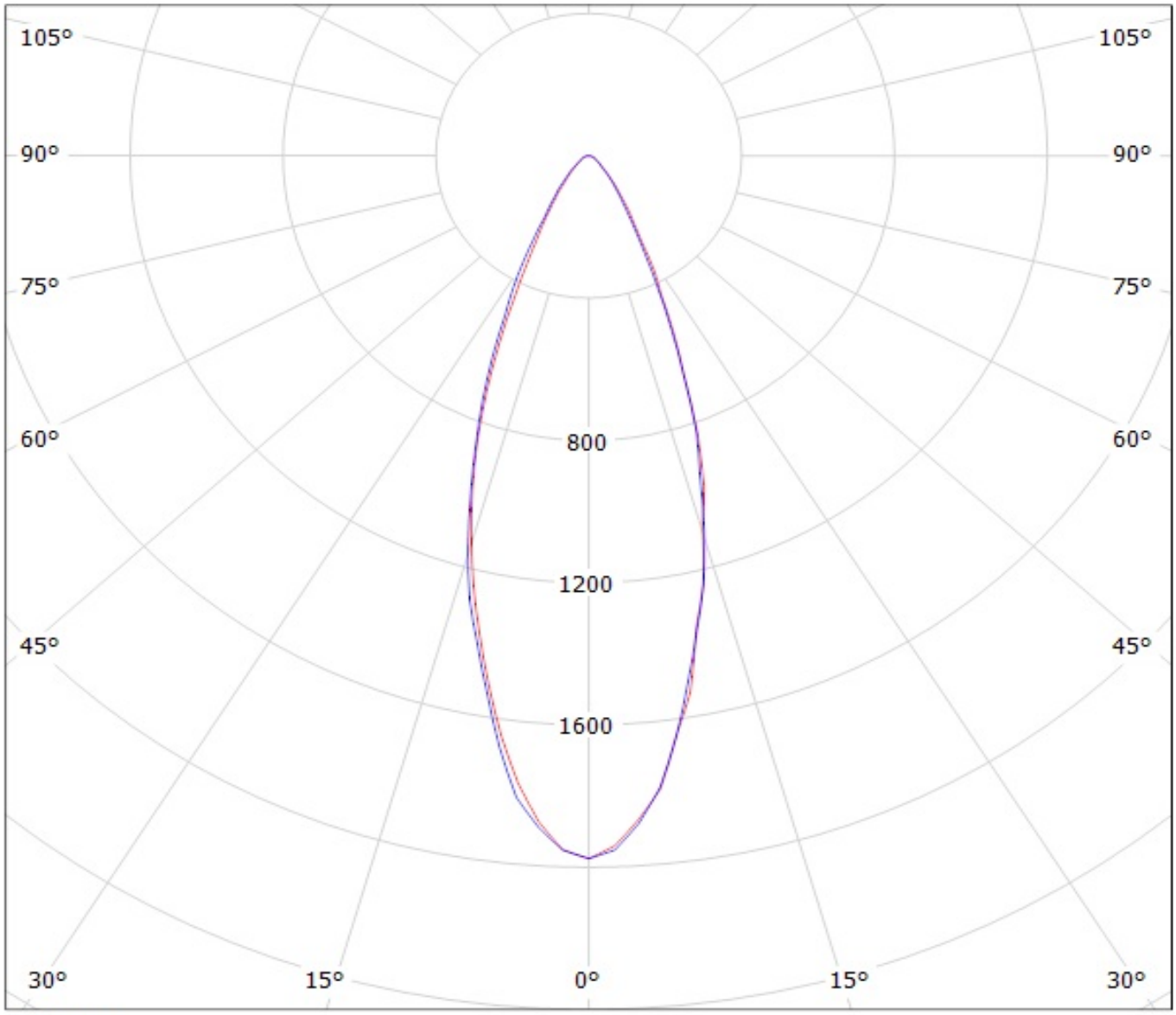
Luminaire: Ledil Oy CA13043_TINA3-W_(XP-G2) Efficiency=91%
Lamps: 1 x Cree XP-G2 (104lm @ 250mA) CCT=6600K P=0.8W I=250mA



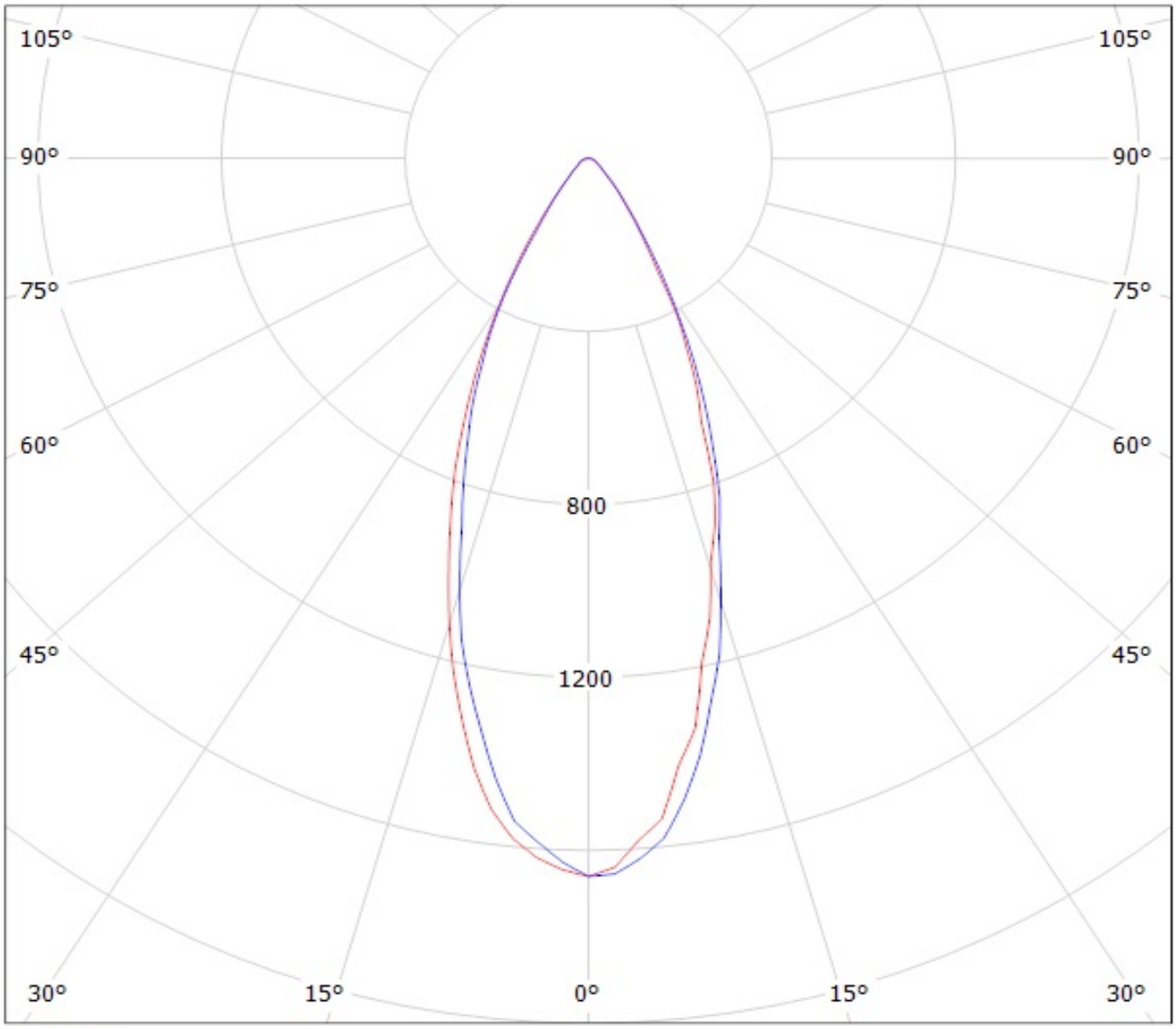
Luminaire: Ledil Oy CA13043_TINA3-W (Cree XP-E 76lm @ 250mA) Efficiency=93%
Lamps: 1 x Cree XP-E 76lm @ 250mA



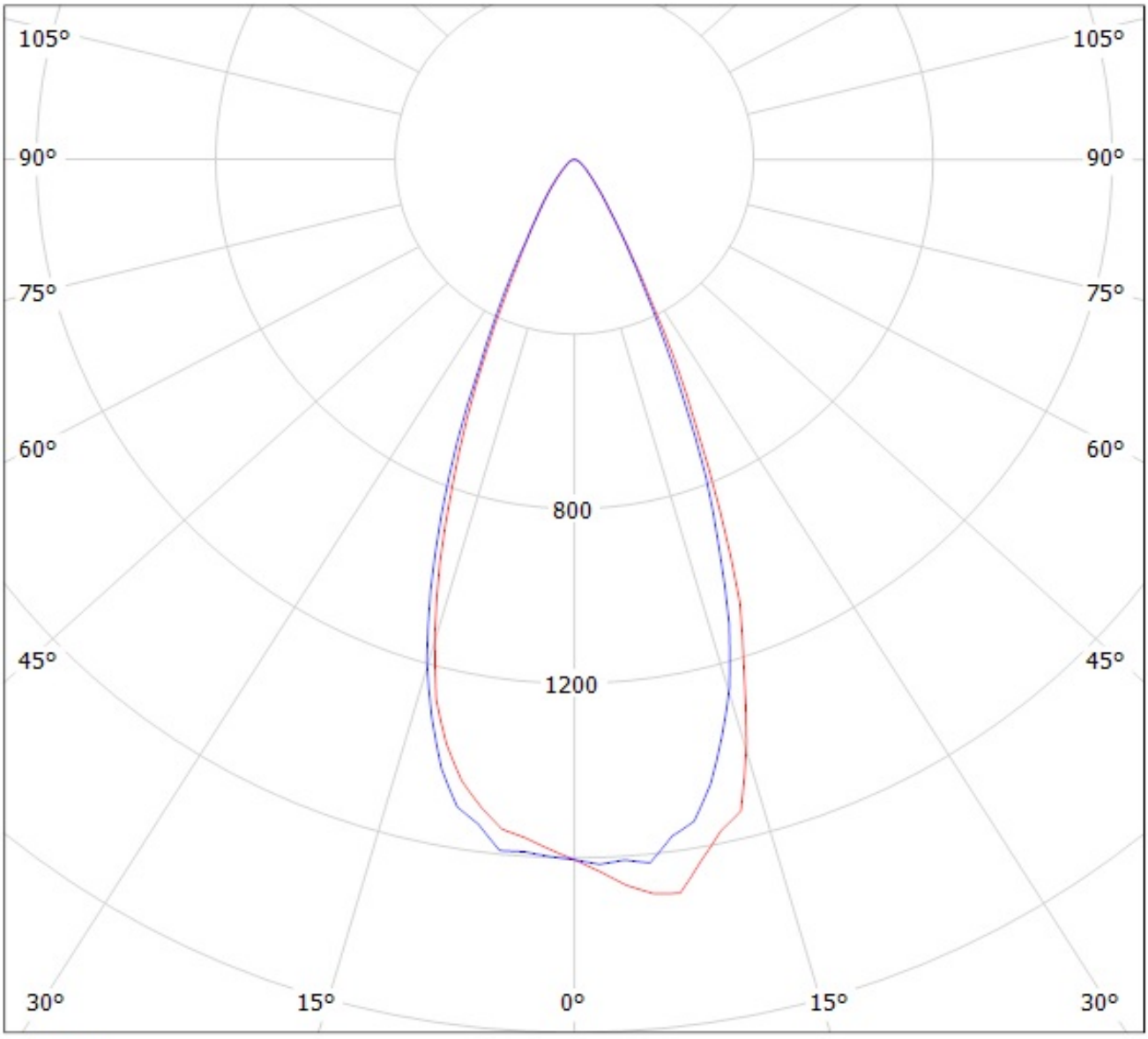
Luminaire: Ledil Oy CA13043_TINA3-W (Cree XT-E 94lm @ 250mA) Efficiency=93%
Lamps: 1 x Cree XT-E 94lm @ 250mA



Luminaire: Ledil Oy CA13043_TINA3-W (Cree XP-G 87lm @ 250mA) Efficiency=93%
Lamps: 1 x Cree XP-G 87lm @ 250mA



Luminaire: Ledil Oy CA13043_TINA3-W_(XP-G2) Efficiency=91%
Lamps: 1 x Cree XP-G2 (104lm @ 250mA) CCT=6600K P=0.8W I=250mA



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 boar 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.