



PRODUCT DATASHEET

Tina3 series

last update 2/6/2015

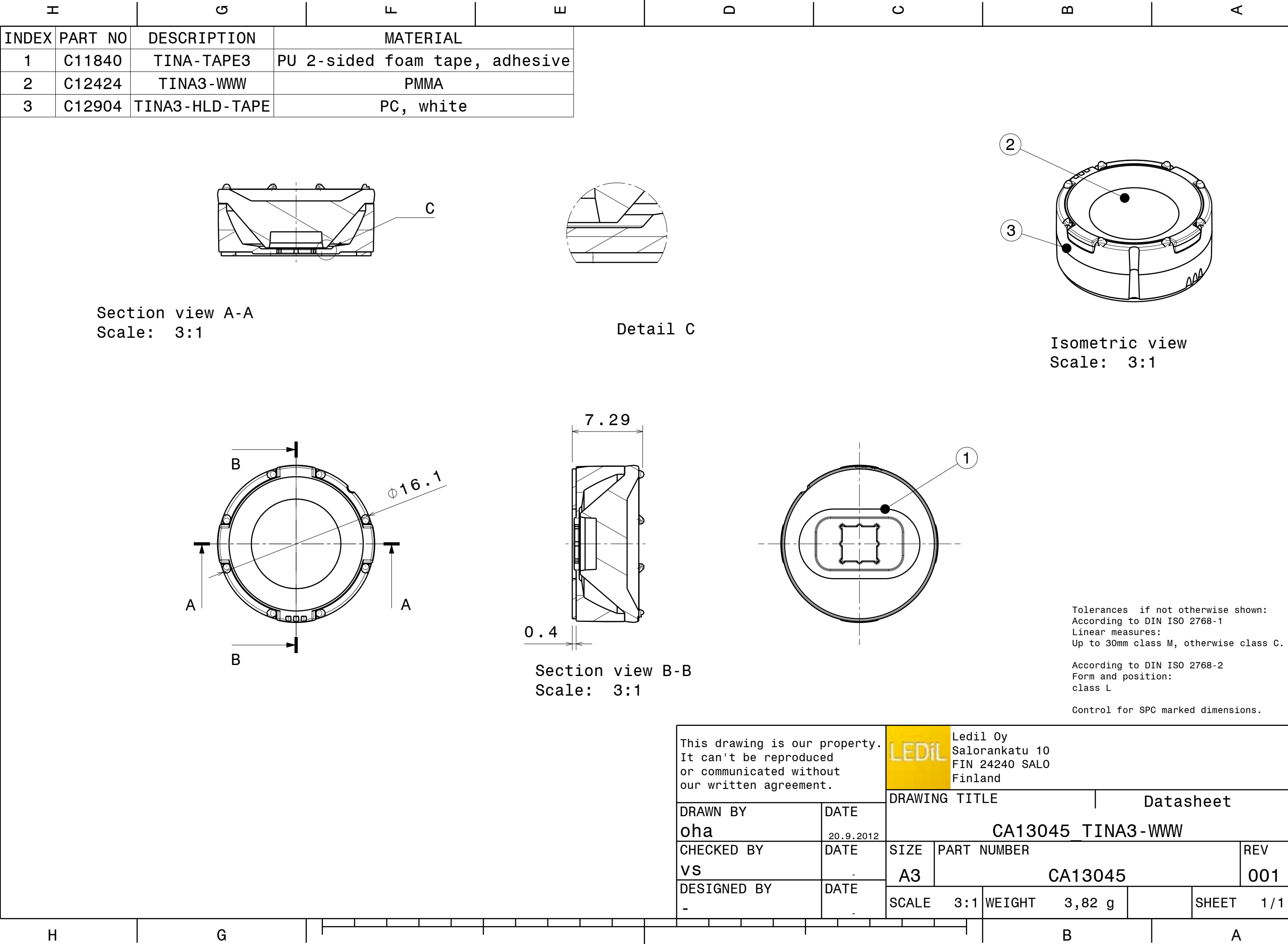
DETAILS

Product Number	CA13045_TINA3-WWW
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 Compliant	Yes
Date Updated	25/09/2013



OPTICAL PROPERTIES

LED	Viewing	Light	Effi-	cd/lm	Connector
	Angle	Beam	ciency		
XT-E	56 deg	WWW-class	93 %	0.900	-
XP-E	57 deg	WWW-class	92 %	0.800	-
XP-G	60 deg	WWW-class	92 %	0.700	-
XP-G2	76 deg	WWW-class	88 %	0.500	-
XP-L HI	80 deg	WWW-class	88 %	0.610	-



4

4

3

3

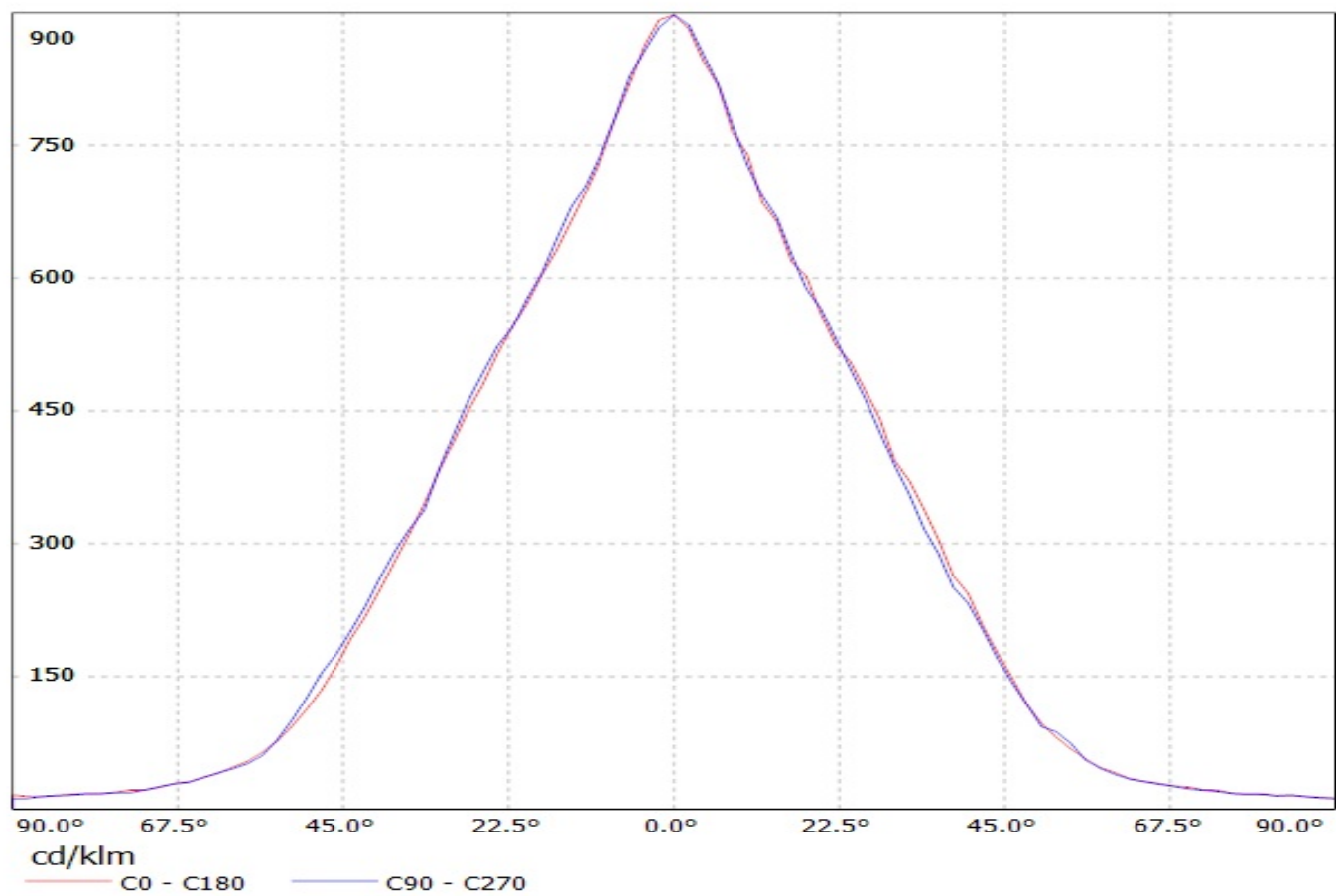
2

2

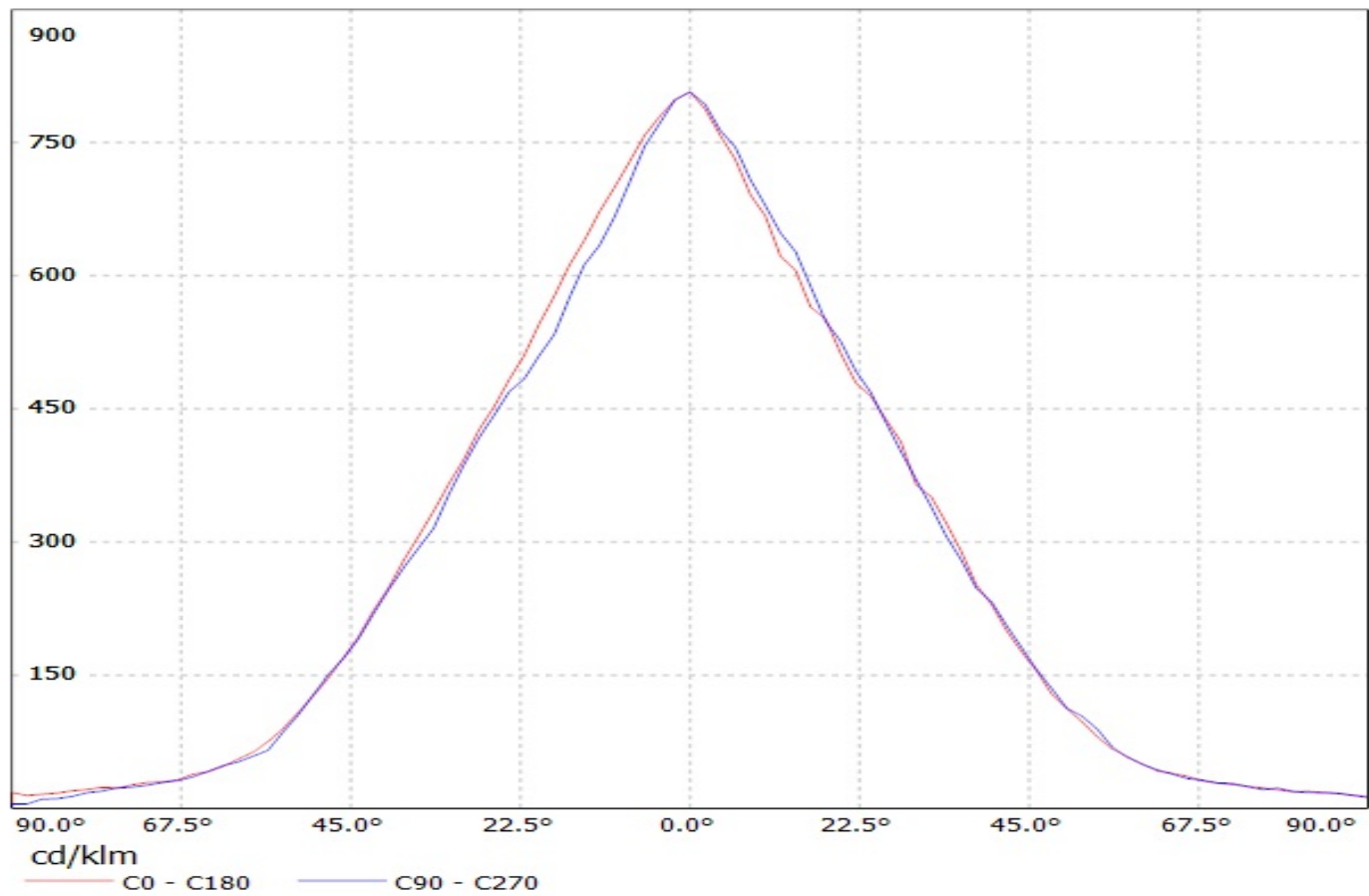
1

1

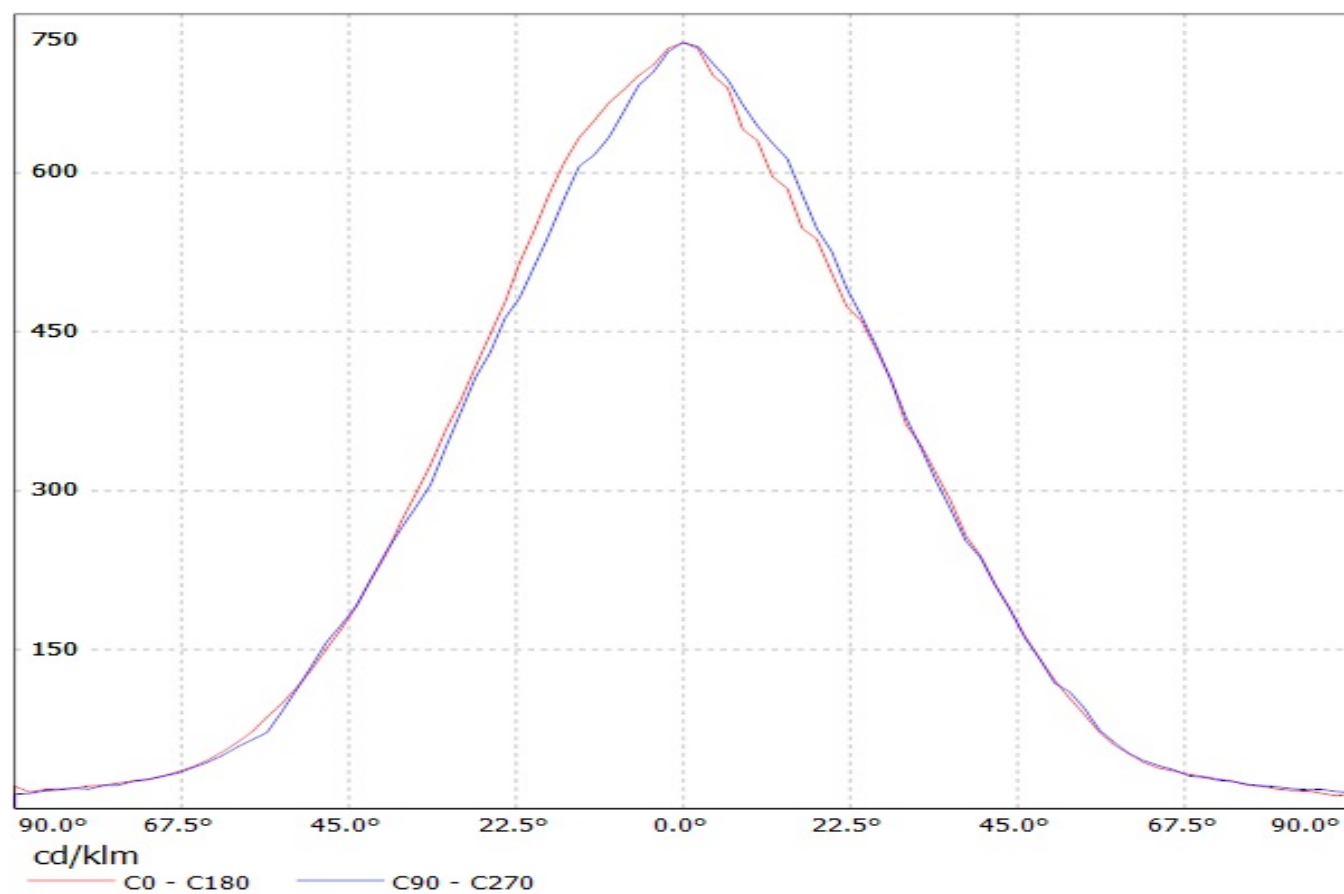
Luminaire: Ledil Oy CA13045_TINA3-WWW (Cree XT-E 94lm @ 250mA) Efficiency=93%
Lamps: 1 x Cree XT-E 94lm @ 250mA



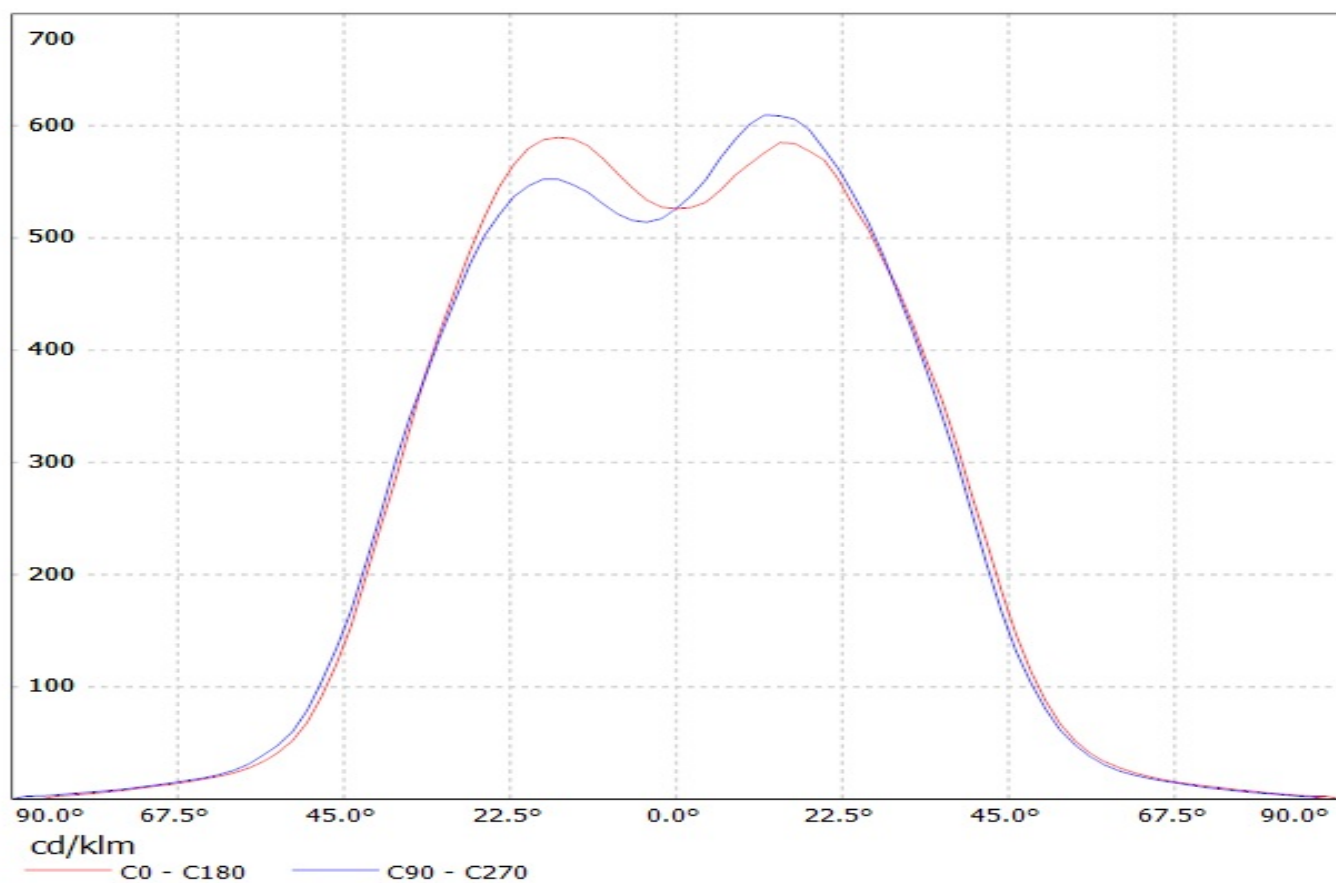
Luminaire: Ledil Oy CA13045_TINA3-WWW (Cree XP-E 76lm @ 250mA) Efficiency=92%
Lamps: 1 x Cree XP-E 76lm @ 250mA



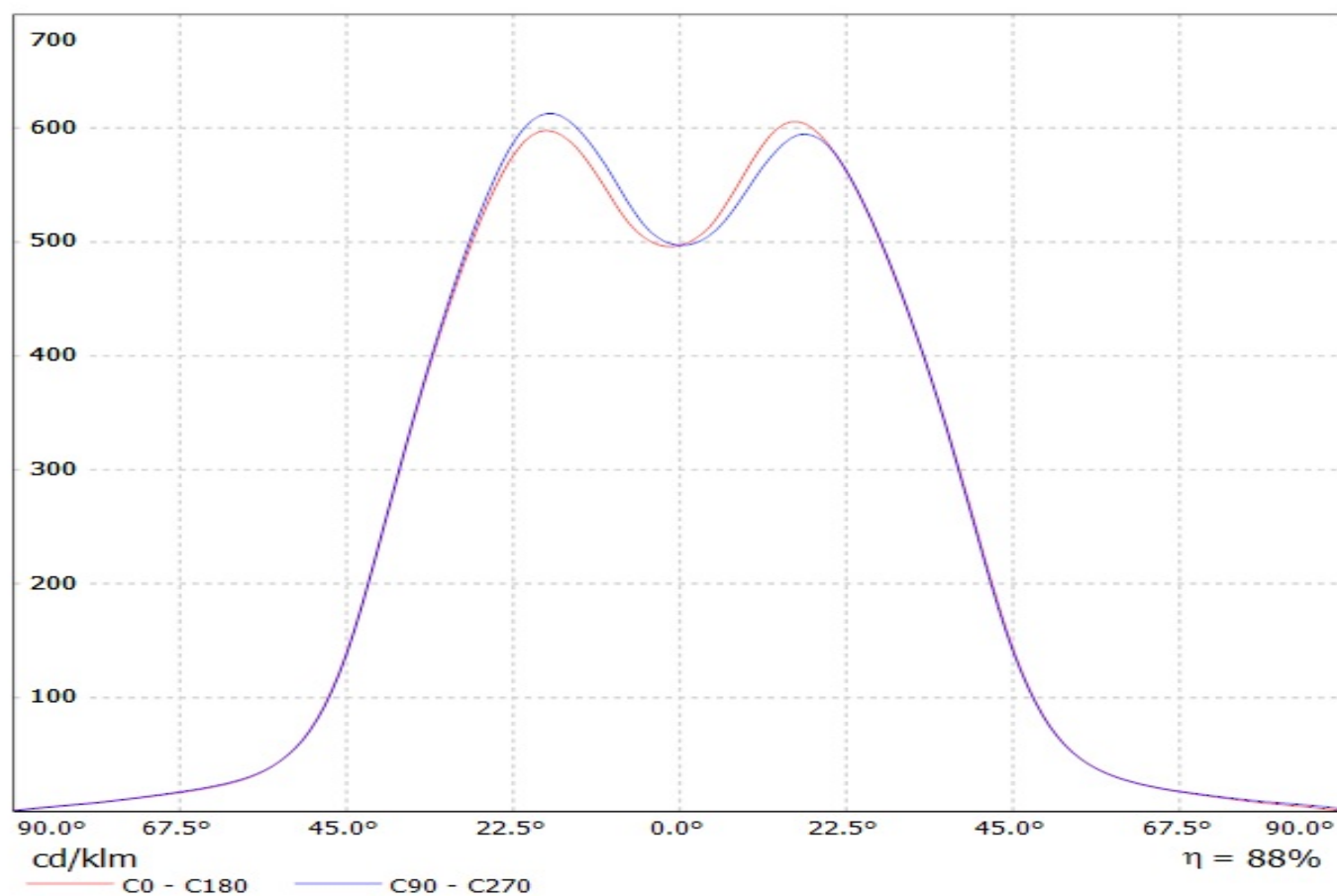
Luminaire: Ledil Oy CA13045_TINA3-WWW (Cree XP-G 87lm @ 250mA) Efficiency=92%
Lamps: 1 x Cree XP-G 87lm @ 250mA



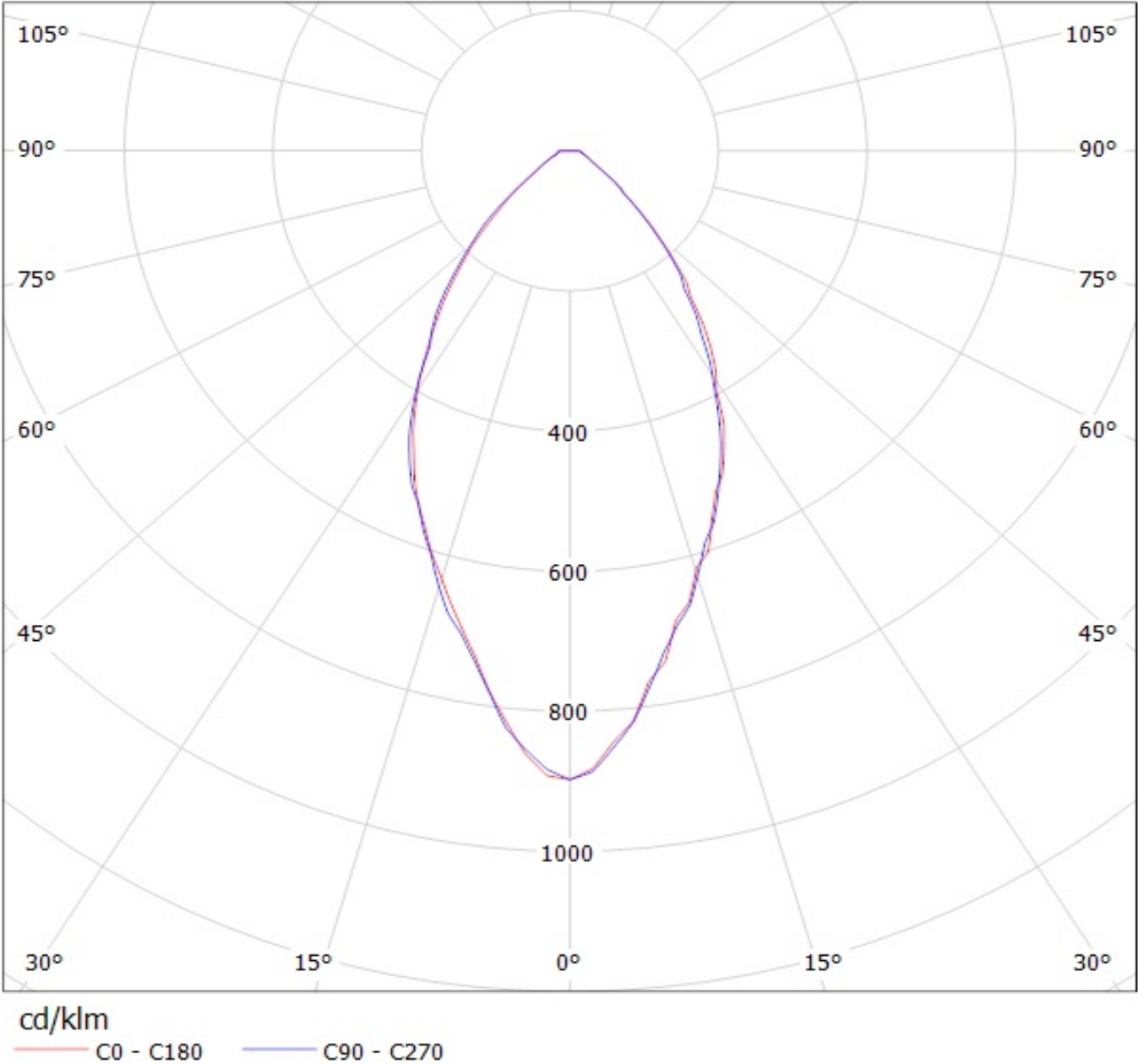
Luminaire: Ledil Oy CA13045_TINA3-WWW_(XP-G2) Efficiency=88%
Lamps: 1 x Cree XP-G2 103lm @ 250mA CCT=6596 P=0.75W I=250mA



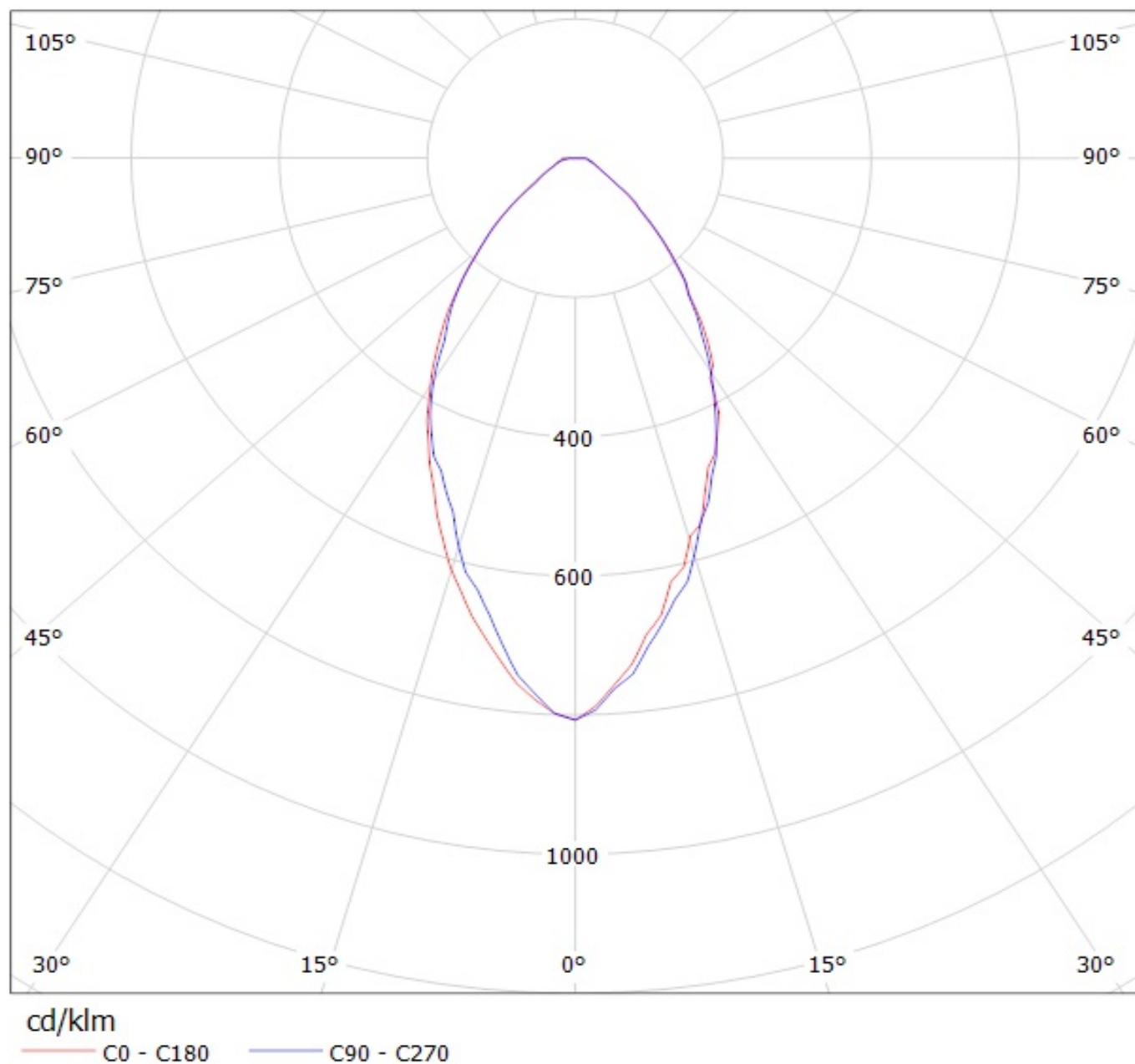
Luminaire: LEDiL Oy CA13045_TINA3-WWW_(XP-L_HI)
Lamps: 1 x Cree_XP-L_HI_114.406lm@250mA_P=0.745352W_I=0.2499A



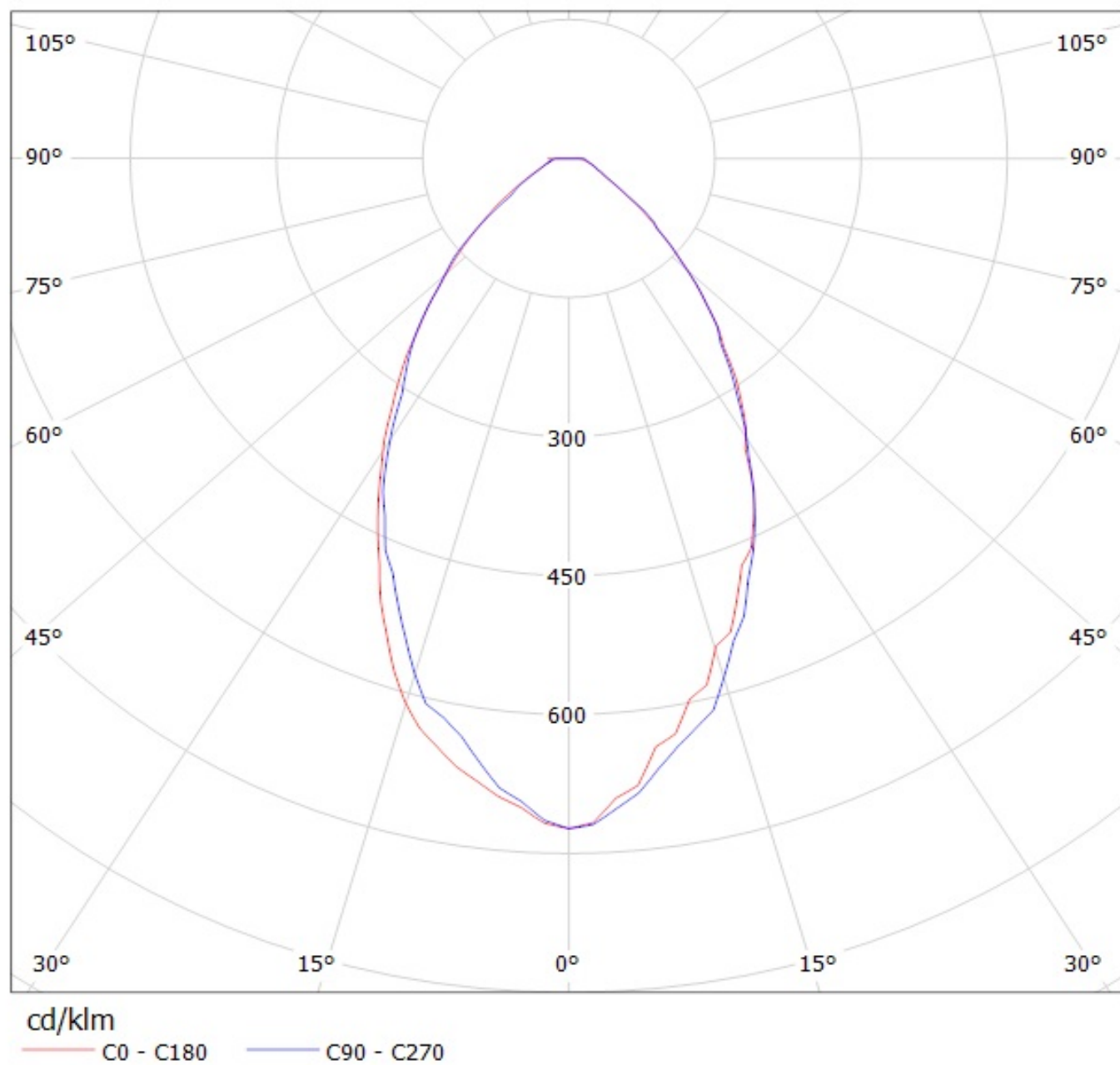
Luminaire: Ledil Oy CA13045_TINA3-WWW (Cree XT-E 94lm @ 250mA) Efficiency=93%
Lamps: 1 x Cree XT-E 94lm @ 250mA



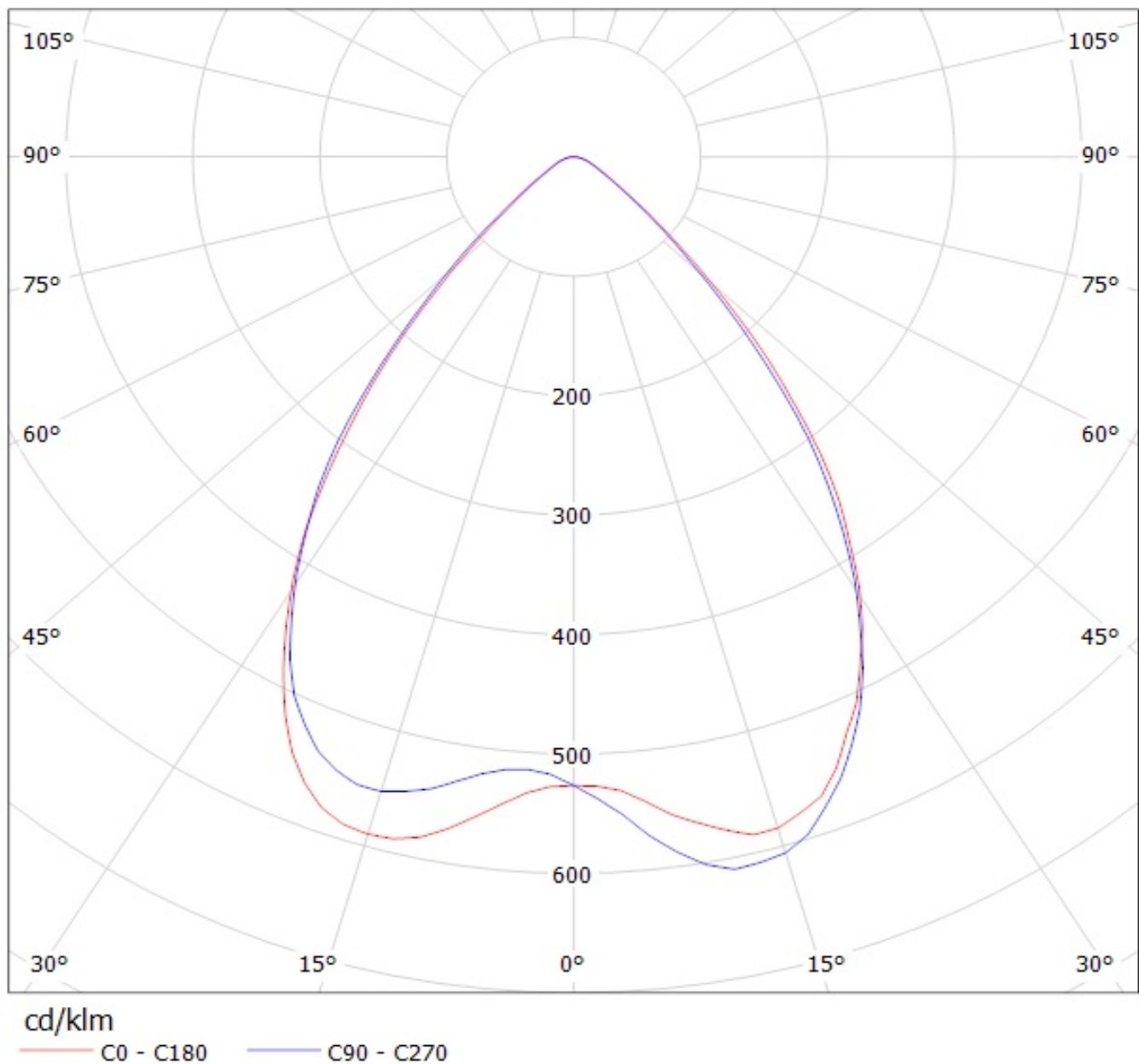
Luminaire: Ledil Oy CA13045_TINA3-WWW (Cree XP-E 76lm @ 250mA) Efficiency=92%
Lamps: 1 x Cree XP-E 76lm @ 250mA



Luminaire: Ledil Oy CA13045_TINA3-WWW (Cree XP-G 87lm @ 250mA) Efficiency=92%
Lamps: 1 x Cree XP-G 87lm @ 250mA

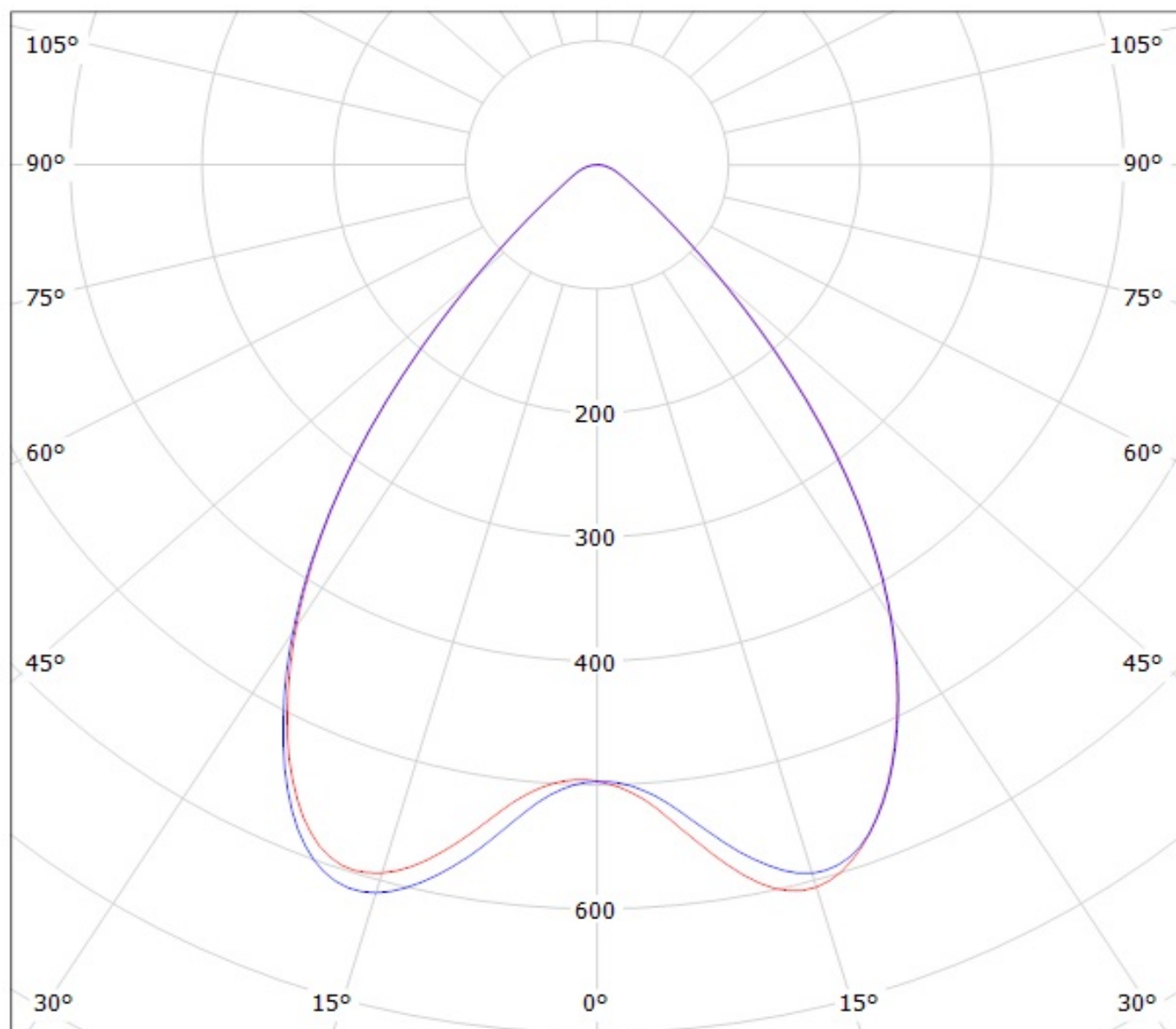


Luminaire: Ledil Oy CA13045_TINA3-WWW_(XP-G2) Efficiency=88%
Lamps: 1 x Cree XP-G2 103lm @ 250mA CCT=6596 P=0.75W I=250mA



Luminaire: LEDiL Oy CA13045_TINA3-WWW_(XP-L_HI)

Lamps: 1 x Cree_XP-L_HI_114.406lm@250mA_P=0.745352W_I=0.2499A



cd/klm

η = 88%

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.

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.