

DETAILS

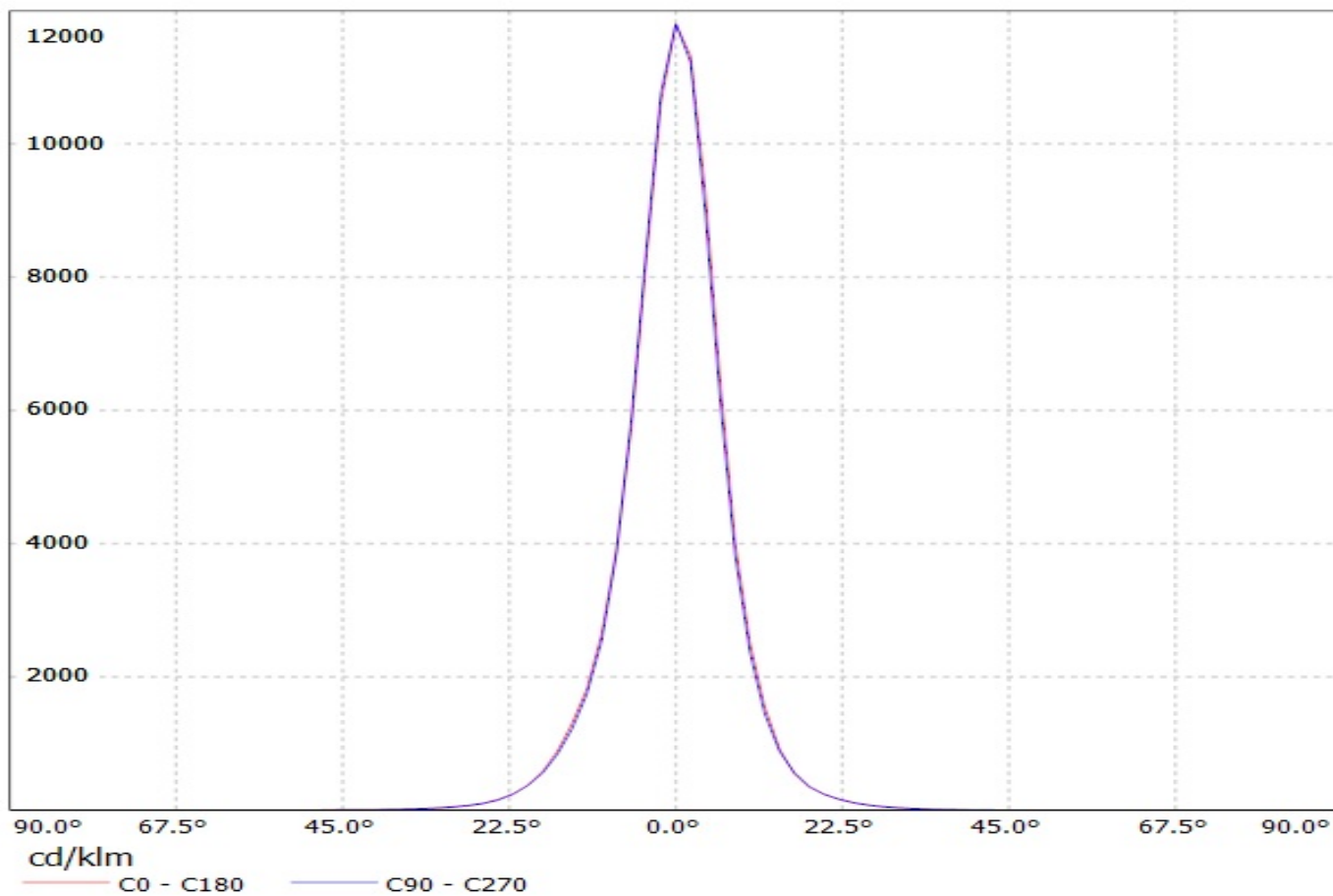
Product Number	CA11420_TINA2-D
Family	Tina2
Type	Assembly
Color	black
Diameter	16,1 mm
Height	9,66 mm
Style	round
Optic Material	PMMA
Holder Material	PC
Fastening	tape
Status	ready
ROHS Compliant	Yes
Date Updated	14/11/2012



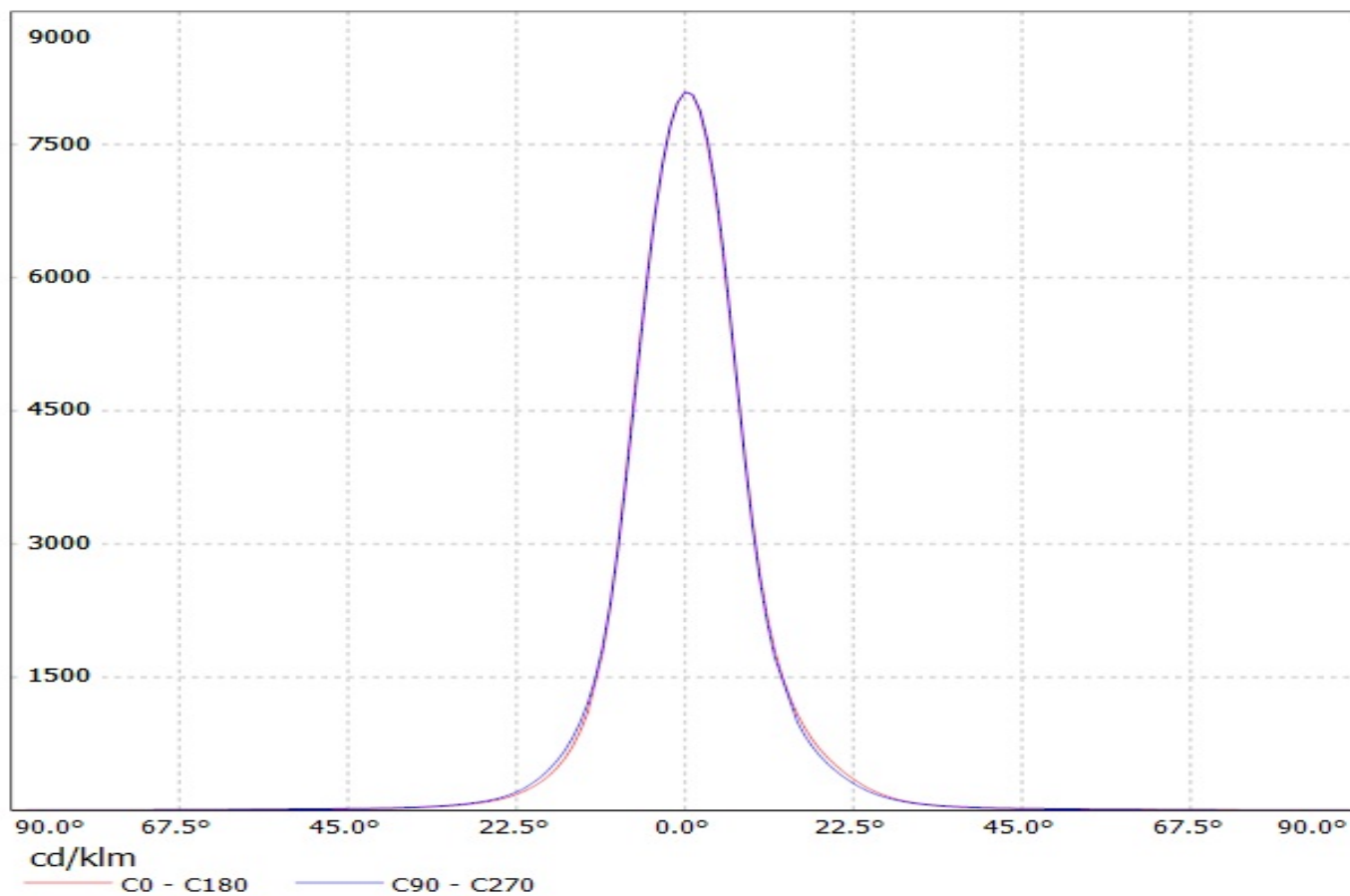
OPTICAL PROPERTIES

LED	Viewing Angle	Light Beam	Efficiency	cd/lm	Connector
Z5	sim:	Diffuser	-	-	-
XP-E	12 deg	Diffuser	91 %	10.300	-
XP-E2	13 deg	Diffuser	86 %	11.800	-
XP-G2	15 deg	Diffuser	90 %	8.000	-
XT-E	16 deg	Diffuser	-	6.170	-
XP-G	17 deg	Diffuser	91 %	5.520	-
H35C1 (LEMWA33)	17 deg	Diffuser	86 %	7.200	-

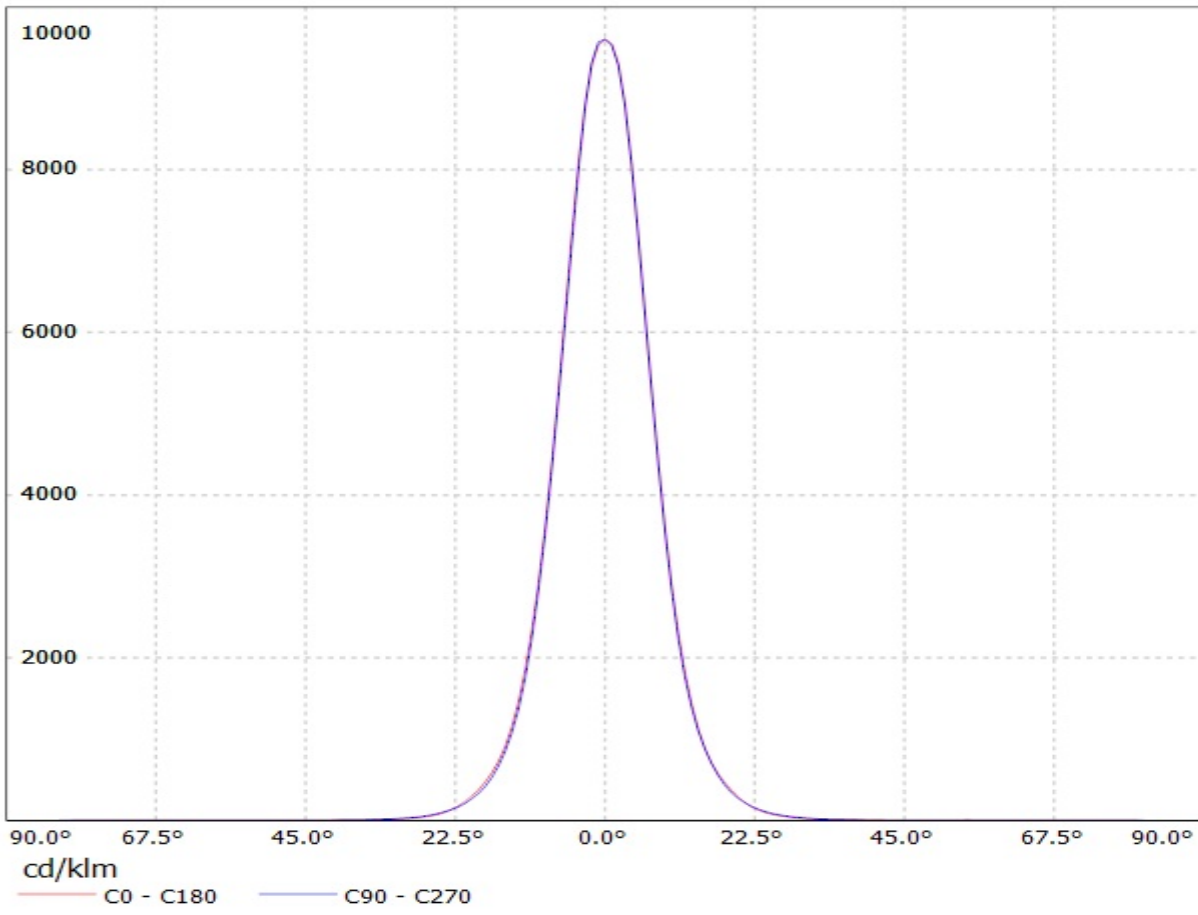
Luminaire: Ledil Oy CA11420_TINA2-D (CREE XP-E2 (92 lm @ 250 mA)) Efficiency=86%
Lamps: 1 x CREE XP-E2 (92 lm @ 250 mA)



Valaisin: LEDIL OY CA11420_TINA2-D_(XP-G2) Efficiency=90%
Lamput: 1 x Cree XP-G2 (109.1lm @ 250mA)

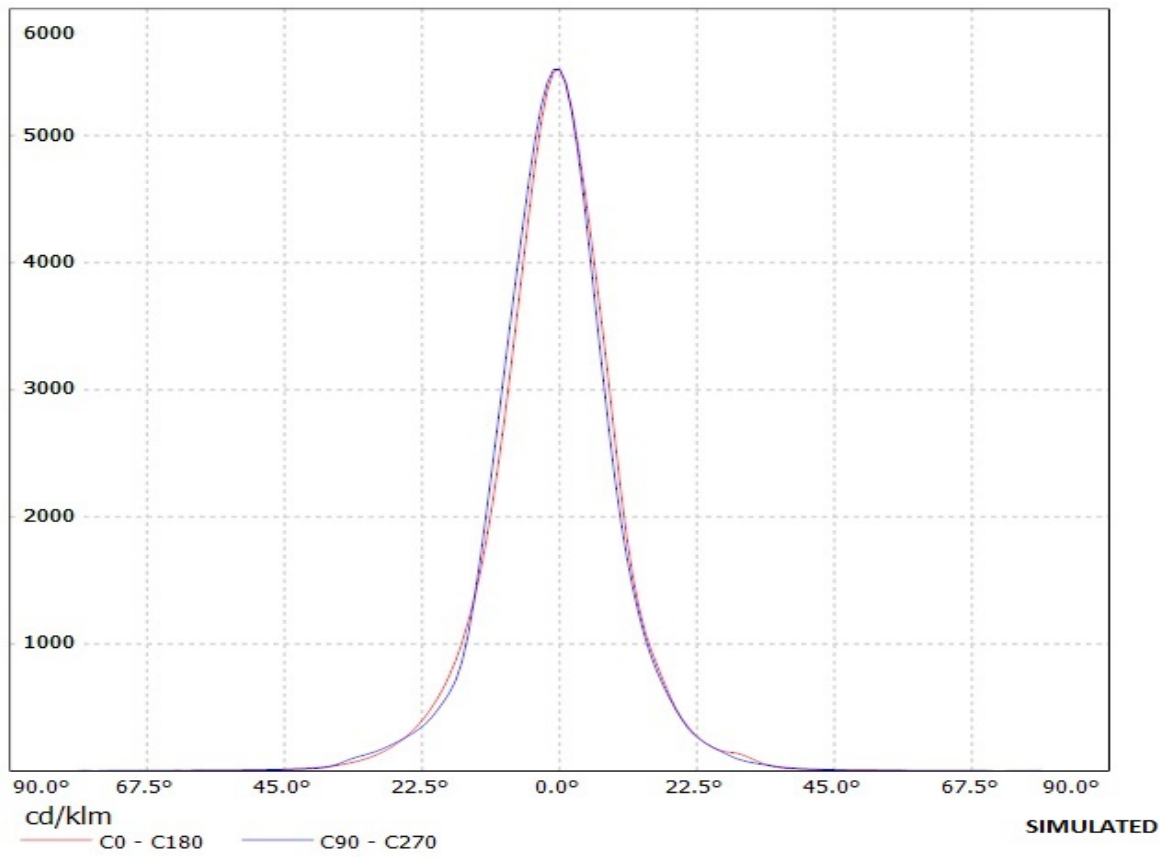


Luminaire: Ledil Oy CA11420_TINA2-D-BLK_XT-E-AWT_SIMULATED CA11420_TINA2-D-BLK_XT-E-AWT_SIMULATED
Lamps: 1 x CREE XT-E-AWT (White) 100lm

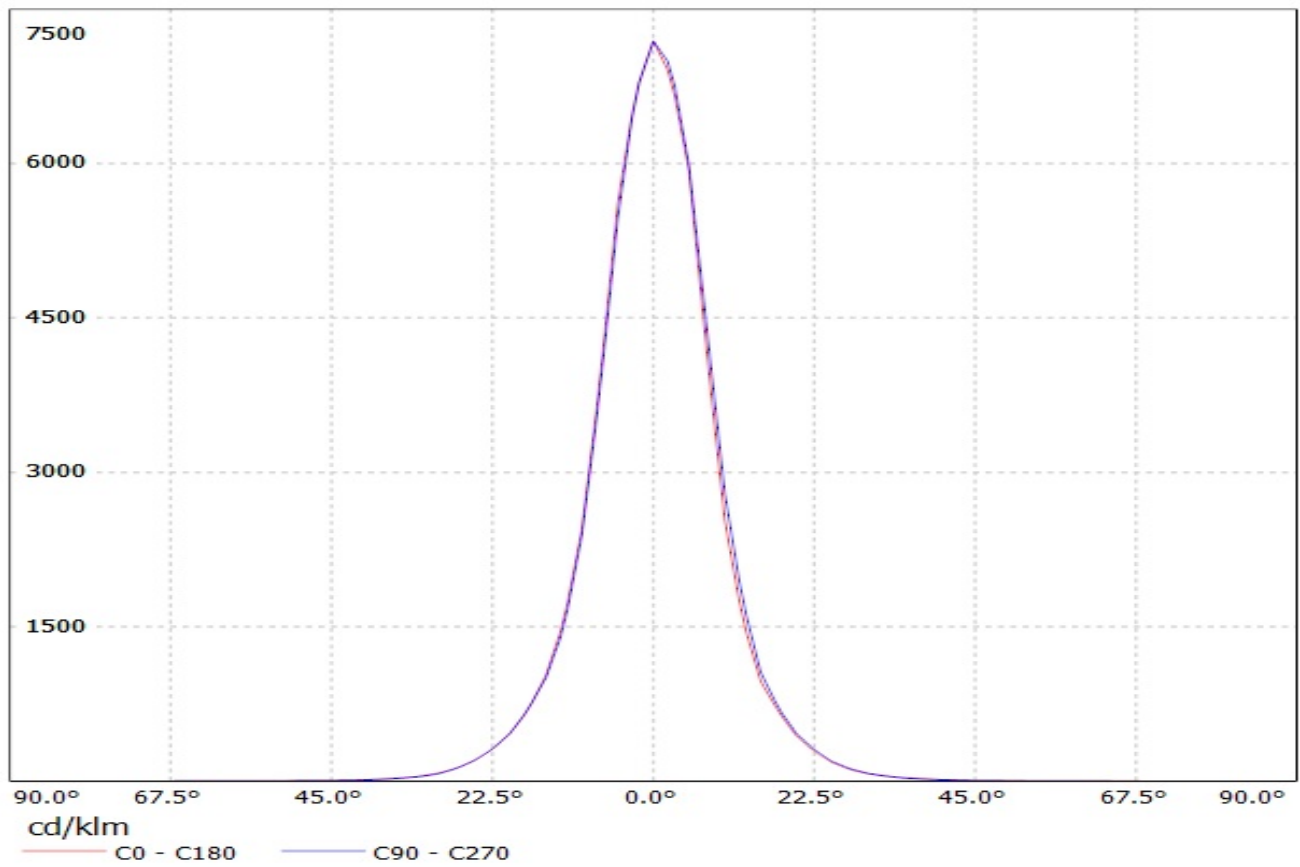


Ledil Oy CA11420_Tina2-XP-G-D-black LOR=95% / LDC (Linear)

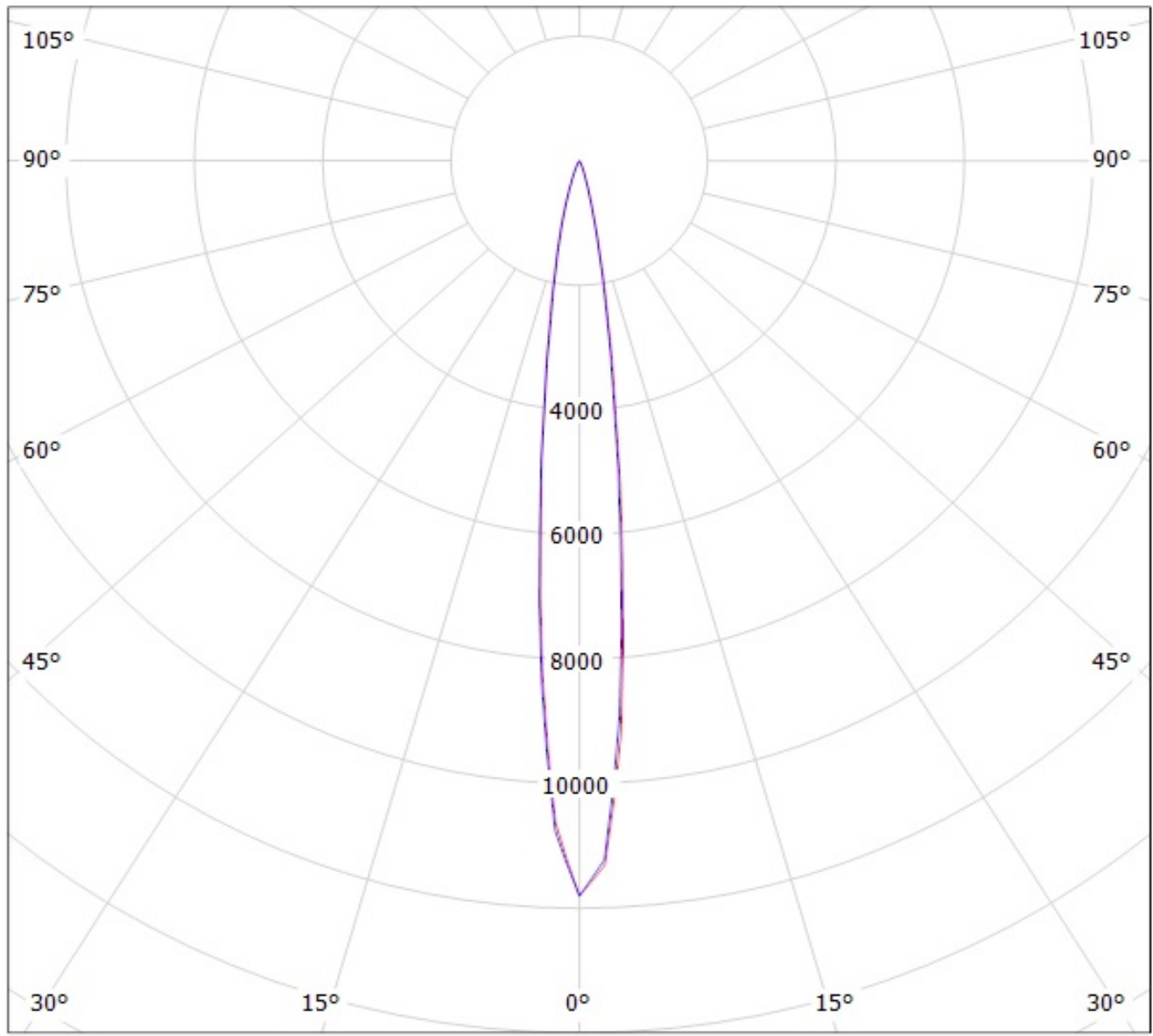
Luminaire: Ledil Oy CA11420_Tina2-XP-G-D-black LOR=95%
Lamps: 1 x Cree XP-G 89lm 250mA



Luminaire: Ledil Oy CA11420_TINA2-D_(3535_Ceramic_gen2) Efficiency=86%
Lamps: 1 x LG 3535 Ceramic gen2 (PKG5700K) 116lm @ 250mA CCT=6200K P=0.7W I=250mA



Luminaire: Ledil Oy CA11420_TINA2-D (CREE XP-E2 (92 lm @ 250 mA)) Efficiency=86%
Lamps: 1 x CREE XP-E2 (92 lm @ 250 mA)

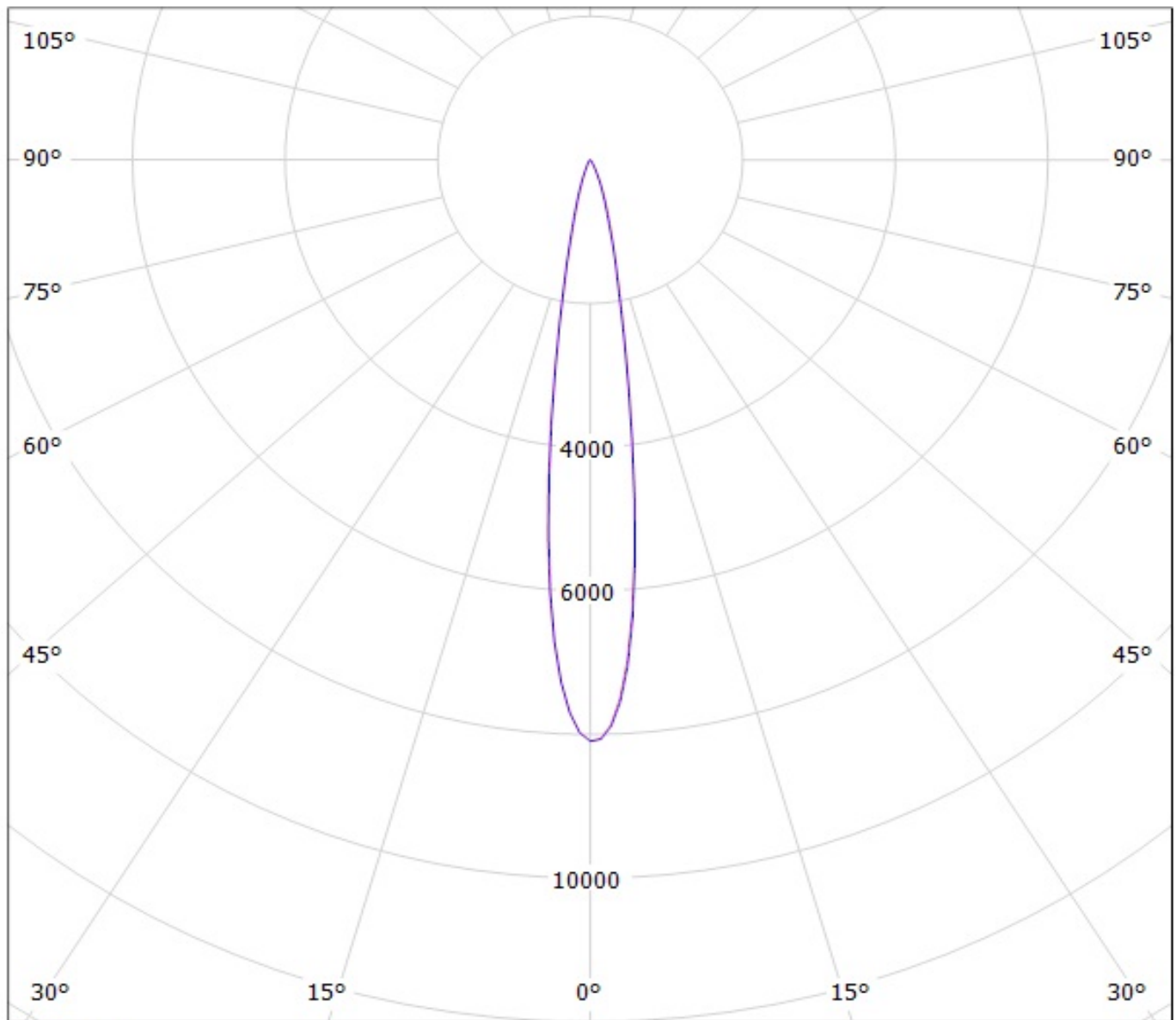


cd/klm

— C0 - C180

— C90 - C270

Valaisin: LEDIL OY CA11420_TINA2-D_(XP-G2) Efficiency=90%
Lamput: 1 x Cree XP-G2 (109.1lm @ 250mA)

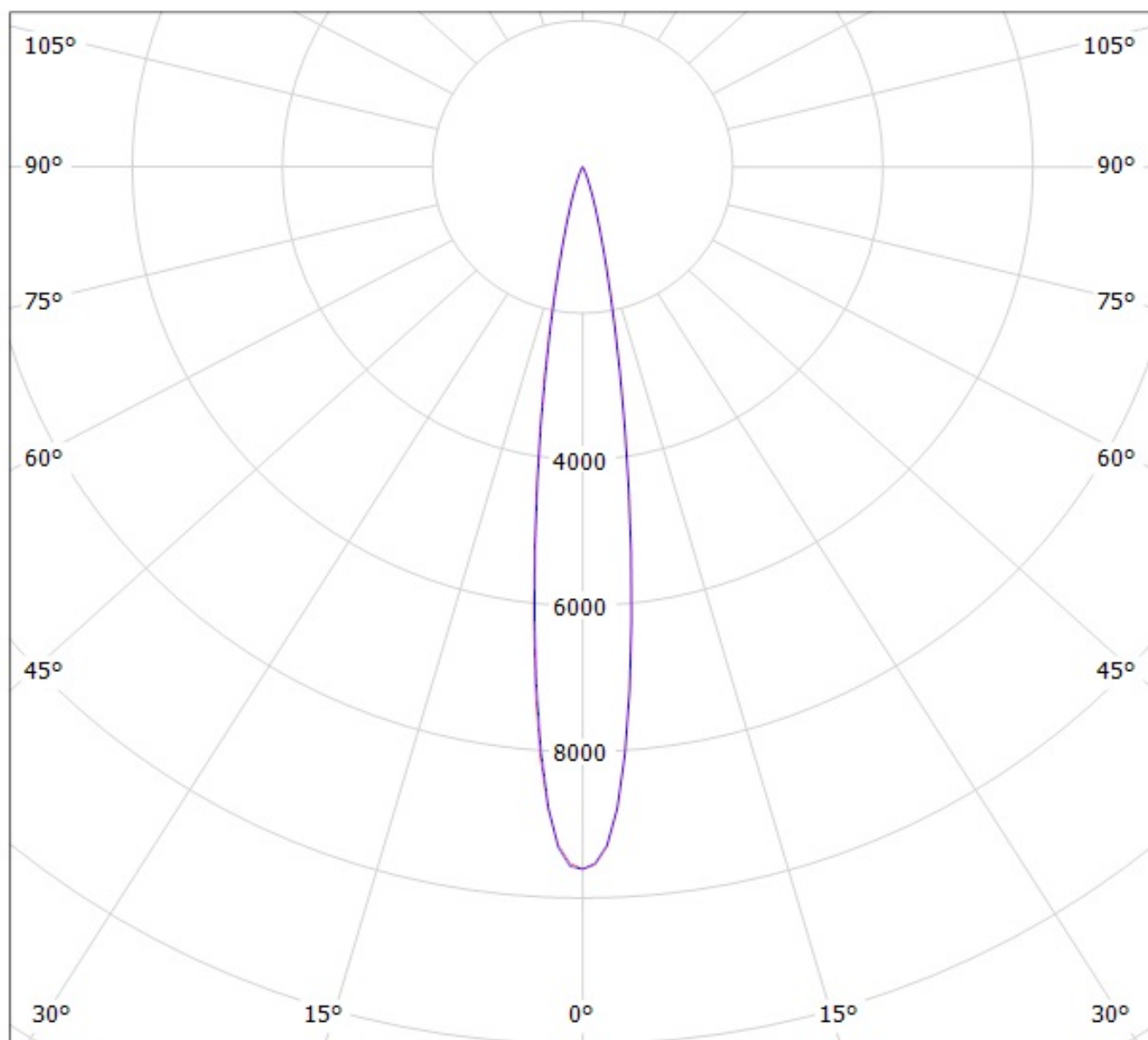


cd/klm

— C0 - C180

— C90 - C270

Luminaire: Ledil Oy CA11420_TINA2-D-BLK_XT-E-AWT_SIMULATED CA11420_TINA2-D-BLK_XT-E-AWT_SIMUI
Lamps: 1 x CREE XT-E-AWT (White) 100lm



cd/klm

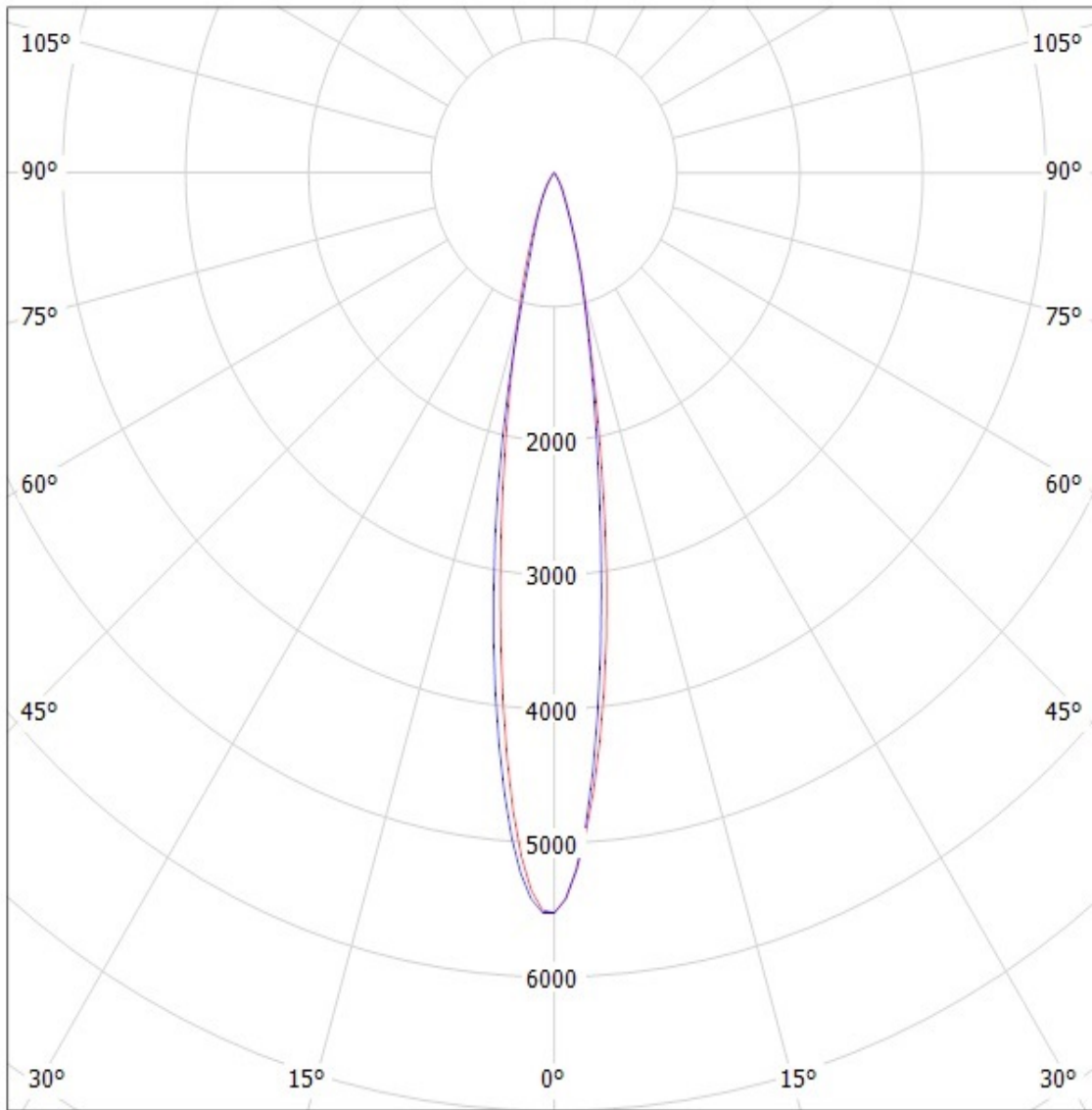
— C0 - C180

— C90 - C270

Ledil Oy CA11420_Tina2-XP-G-D-black LOR=95% / LDC (Polar)

Luminaire: Ledil Oy CA11420_Tina2-XP-G-D-black LOR=95%

Lamps: 1 x Cree XP-G 89lm 250mA



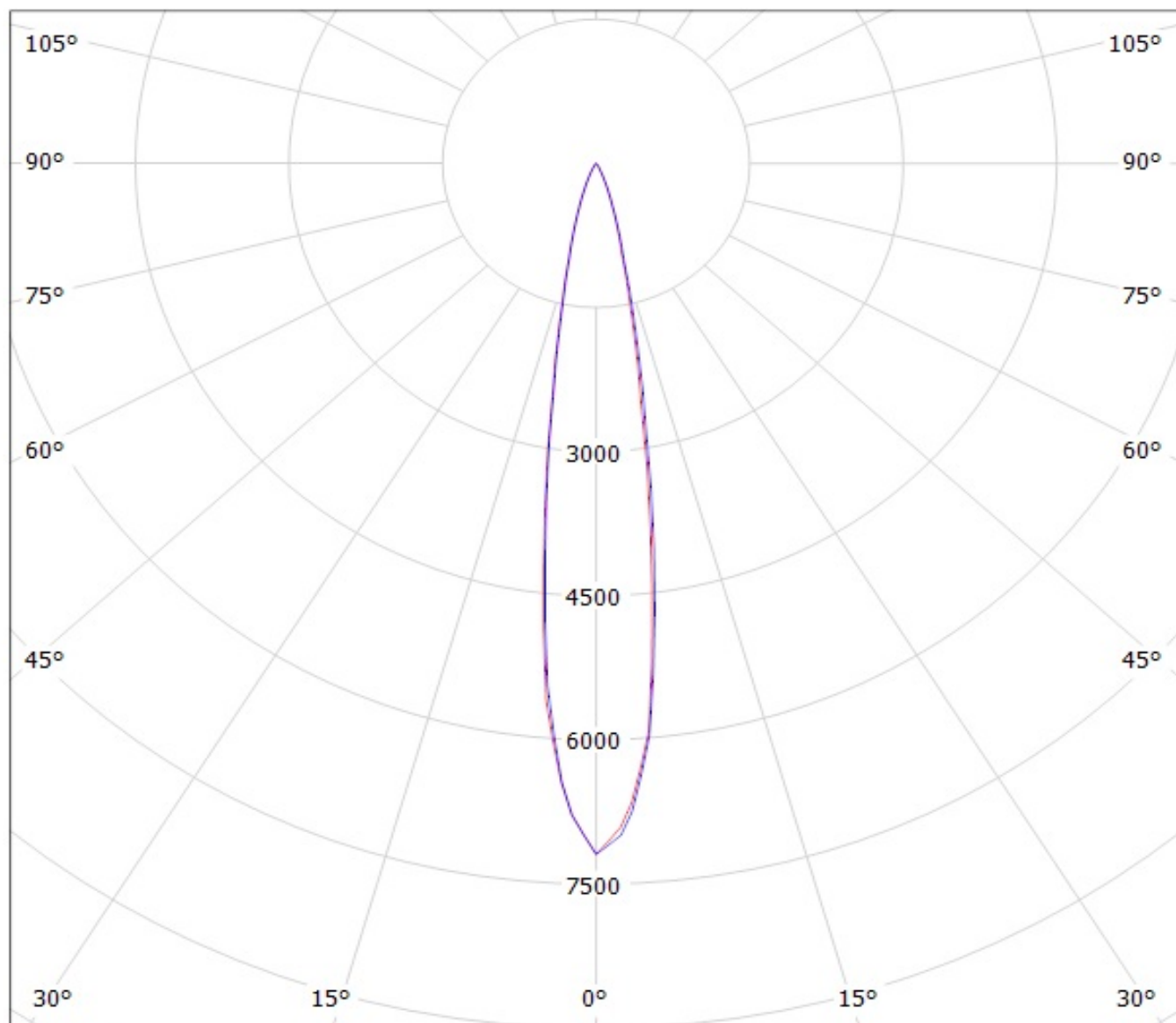
cd/klm

— C0 - C180

— C90 - C270

SIMULATED

Luminaire: Ledil Oy CA11420_TINA2-D_(3535_Ceramic_gen2) Efficiency=86%
Lamps: 1 x LG 3535 Ceramic gen2 (PKG5700K) 116lm @ 250mA CCT=6200K P=0.7W I=250mA



cd/klm

— 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.