

DETAILS

Product Number	CA11052_TINA2-O
Family	Tina2
Type	Assembly
Color	black
Diameter	16.1 mm
Height	9.7 mm
Style	round
Optic Material	PMMA
Holder Material	PC
Fastening	tape
Status	ready
ROHS Compliant	Yes
Date Updated	14/11/2012

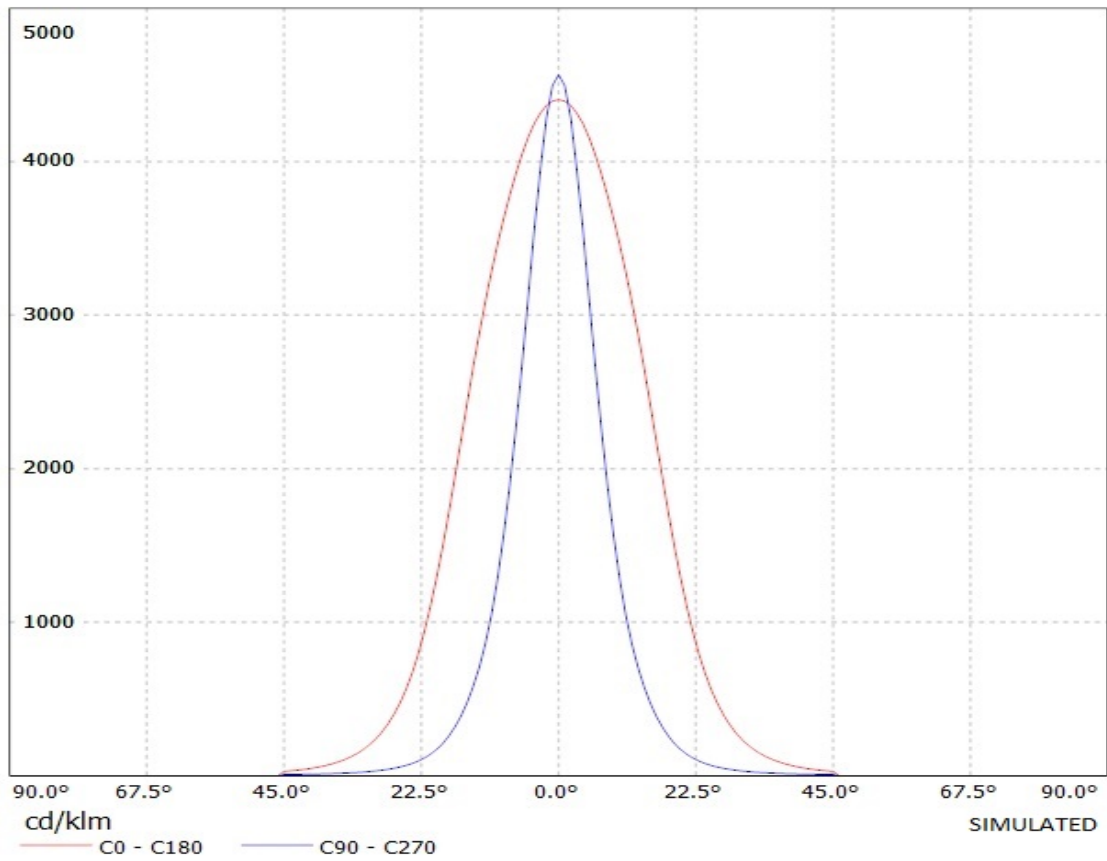


OPTICAL PROPERTIES

LED	Viewing Angle	Light Beam	Efficiency	cd/lm	Connector
Z5	sim:	Oval	-	-	-
XP-E	32+14 deg	Oval	87 %	4.400	-
H35C0 (LEMWA33)	33+17 deg	Oval	86 %	3.500	-
XP-E-HEW	34+16 deg	Oval	-	3.360	-
XP-G2	34+16 deg	Oval	87 %	4.000	-
XP-E2	34+14 deg	Oval	86 %	5.100	-
XT-E	35+16 deg	Oval	85 %	3.800	-
H35C1 (LEMWA33)	35+17 deg	Oval	85 %	3.900	-
XP-G	35+16 deg	Oval	87 %	3.900	-
H35B0 (LEMWA32)	35+15 deg	Oval	86 %	4.200	-

Ledil Oy CA11052_Tina2-XP-O-black Cree XP-E (white) 76lm @ 250mA LOR is 91% / LDC (Linear)

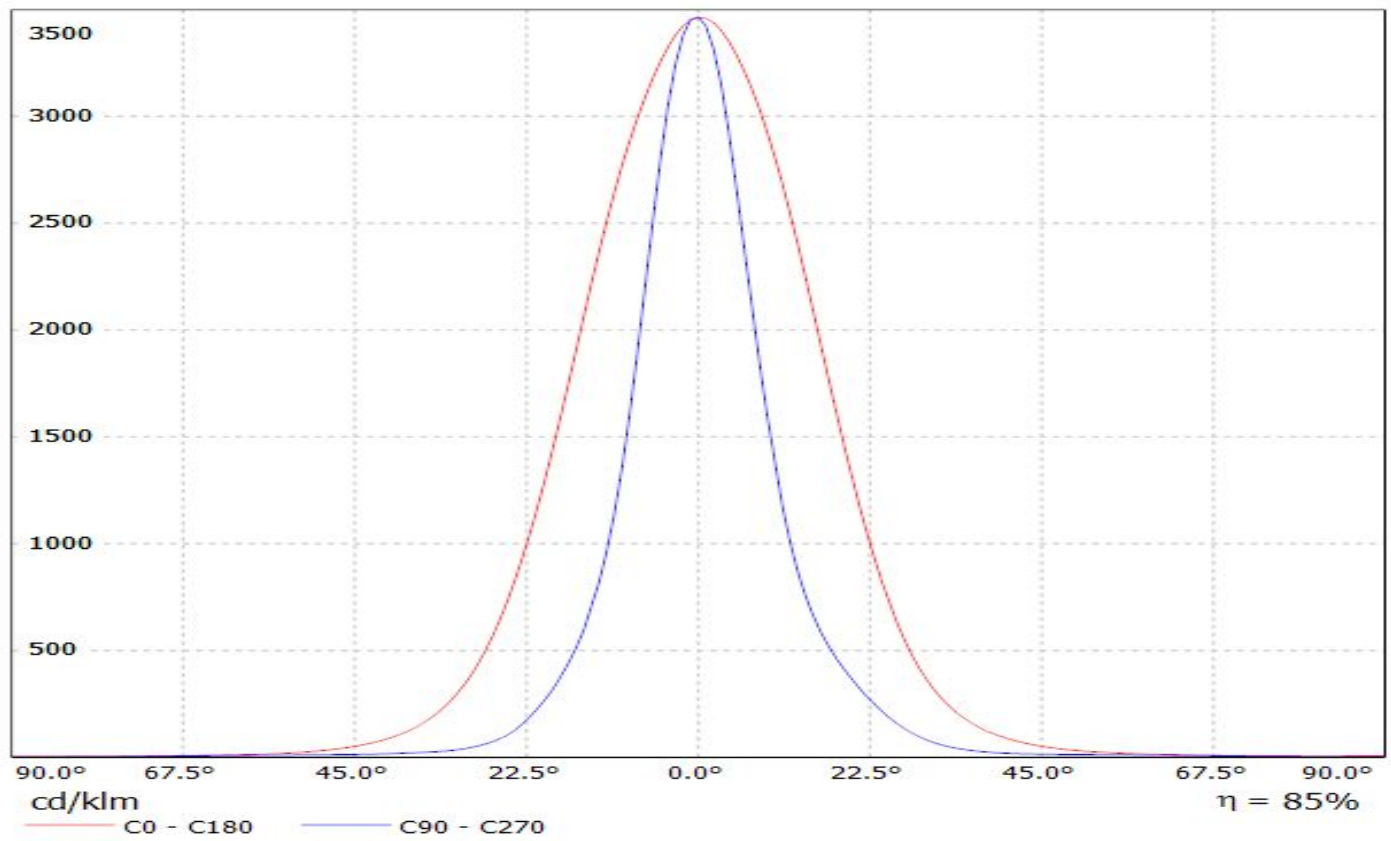
Luminaire: Ledil Oy CA11052_Tina2-XP-O-black Cree XP-E (white) 76lm @ 250mA LOR is 91%
Lamps: 1 x Cree XP-E (white) 76lm @ 250mA



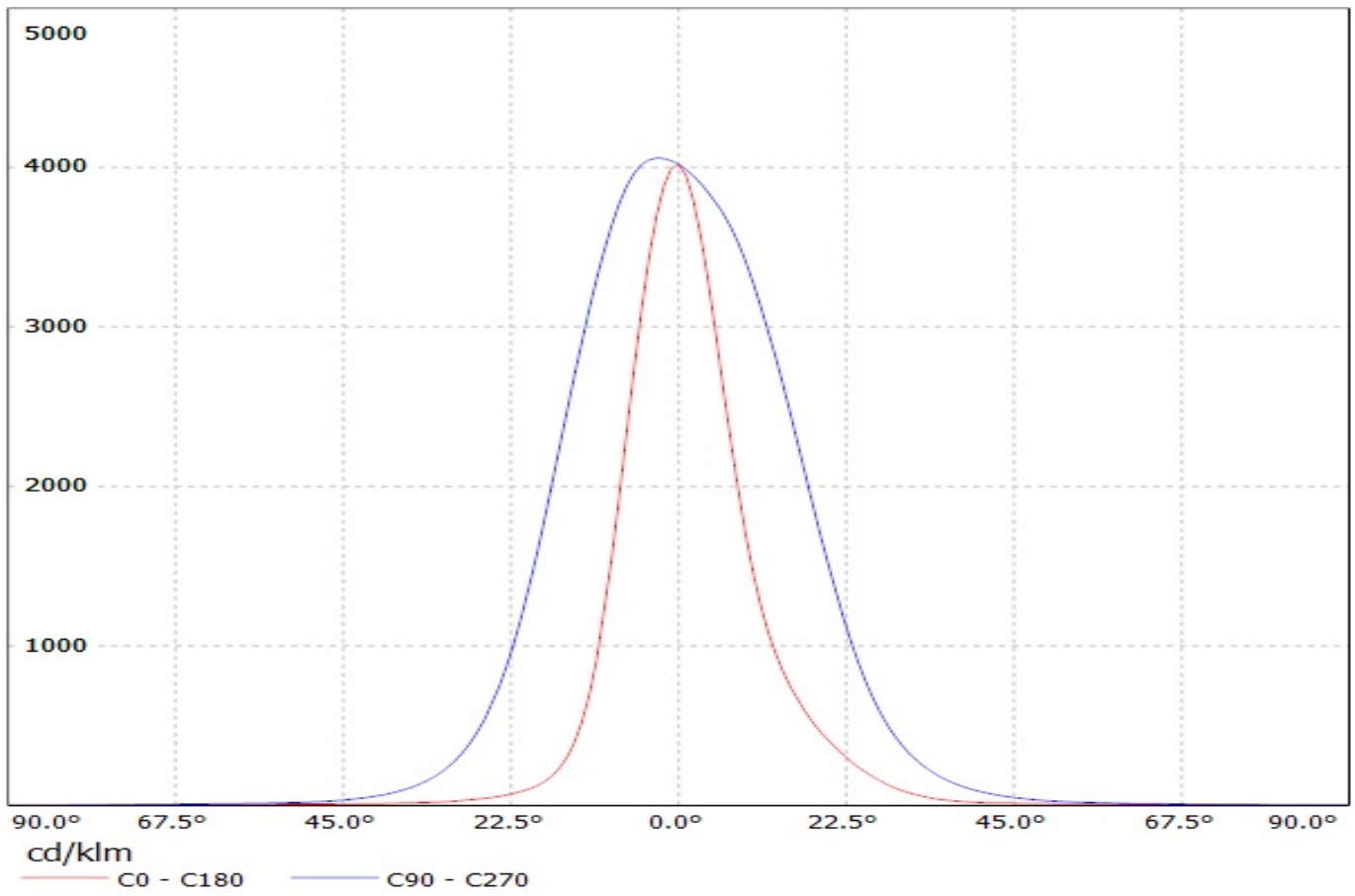
LEDiL Oy CA11052_TINA2-O_(3535_Ceramic)_2 Eff.85.5% / LDC (Linear)

Luminaire: LEDiL Oy CA11052_TINA2-O_(3535_Ceramic)_2 Eff.85.5%

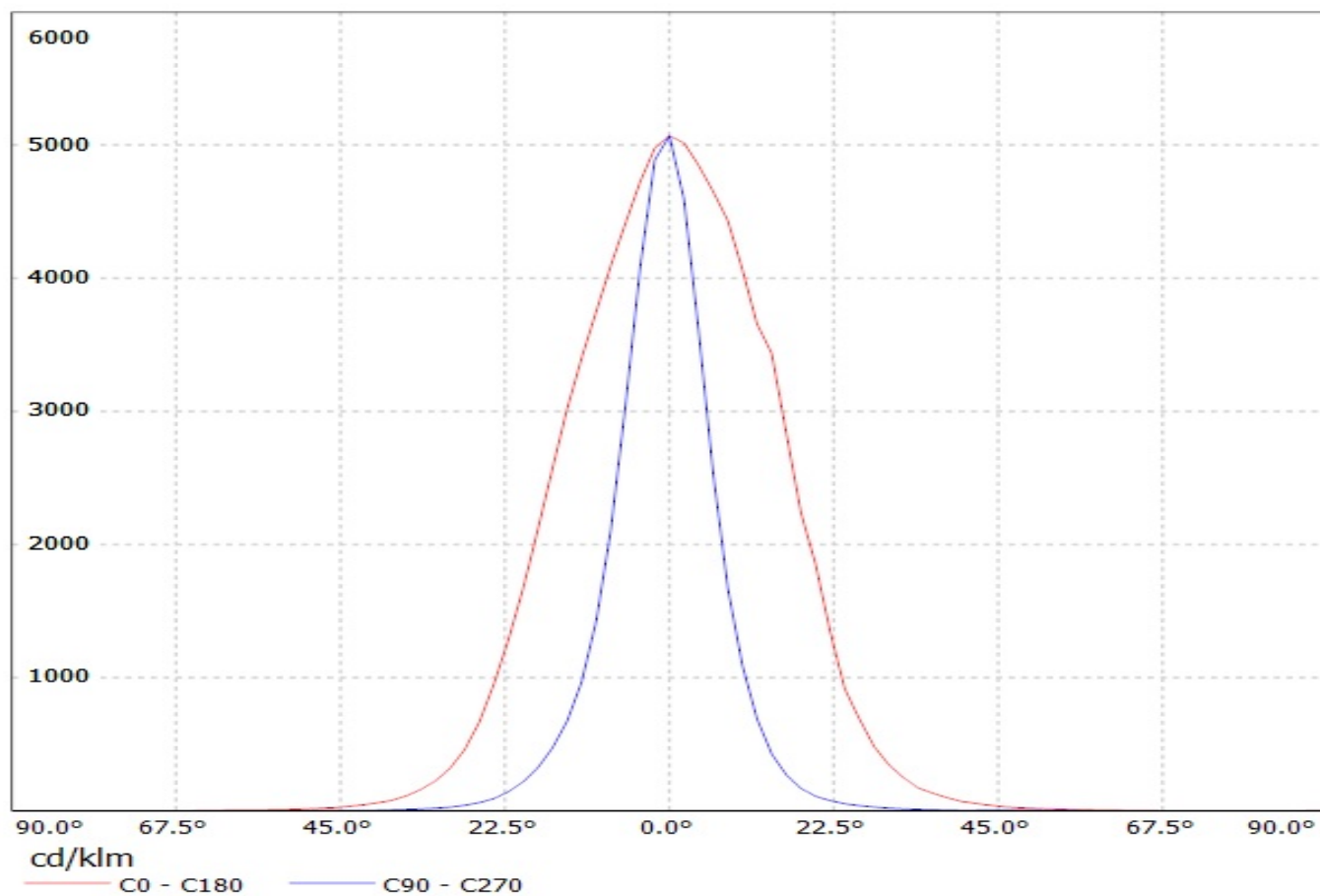
Lamps: 1 x LG 3535 Ceramic (95lm@250mA)



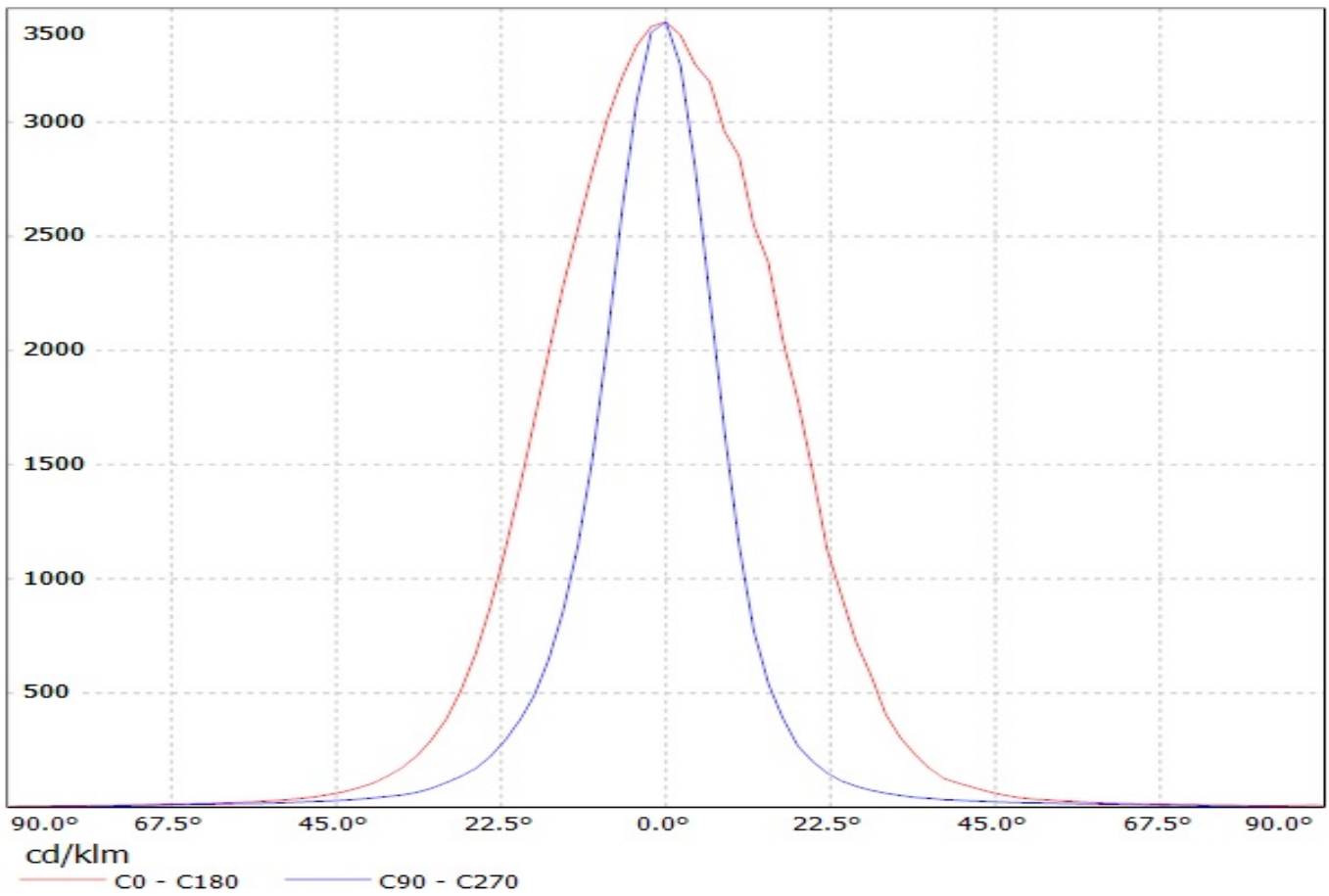
Valaisin: LEDIL OY CA11052_TINA2-O_(XP-G2) Efficiency=87%
Lamput: 1 x Cree XP-G2 (109.1lm @ 250mA)



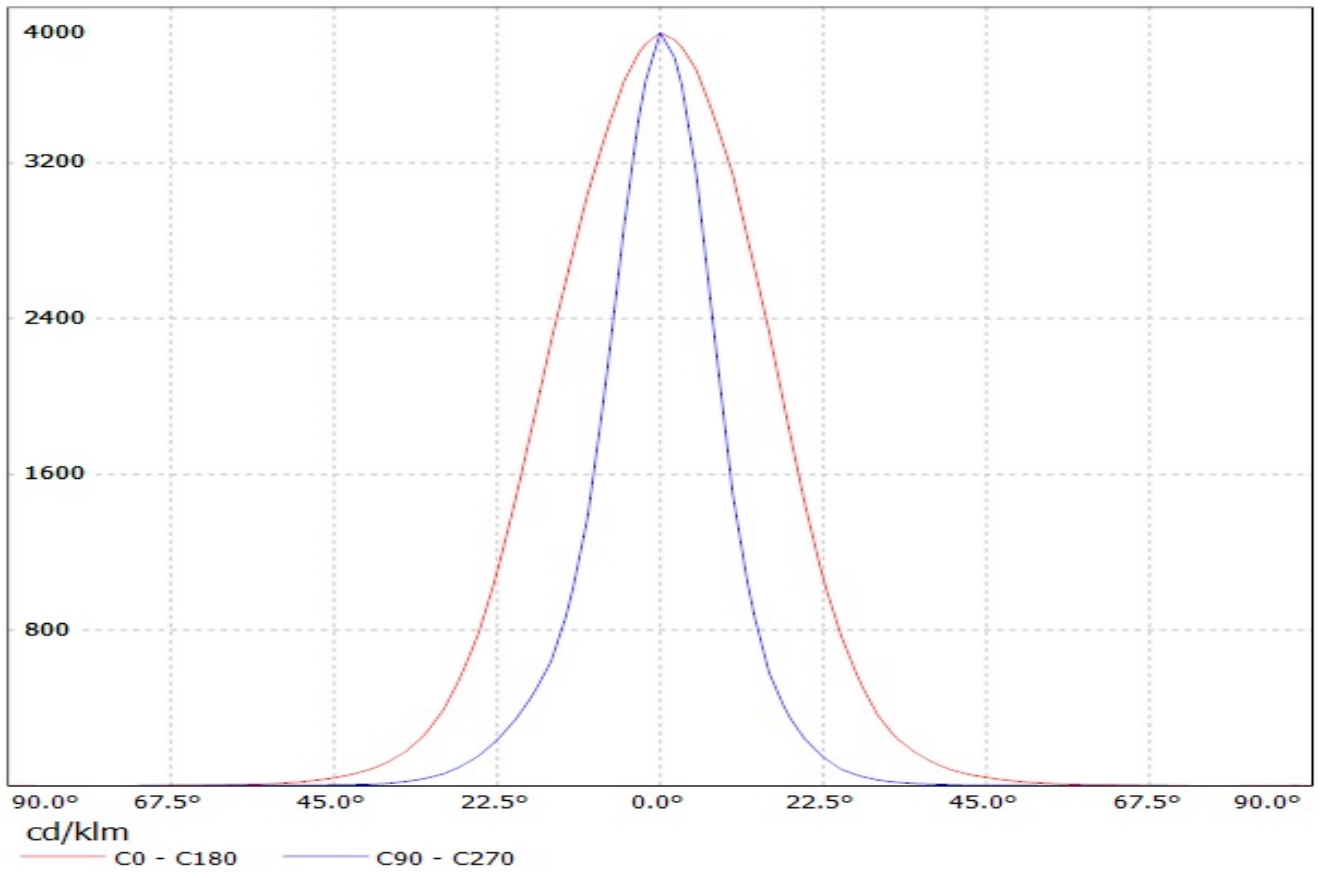
Luminaire: Ledil Oy CA11052_TINA2-O (CREE XP-E2 92 lm @ 250 mA) Efficiency=86%
Lamps: 1 x CREE XP-E2 92 lm @ 250 mA



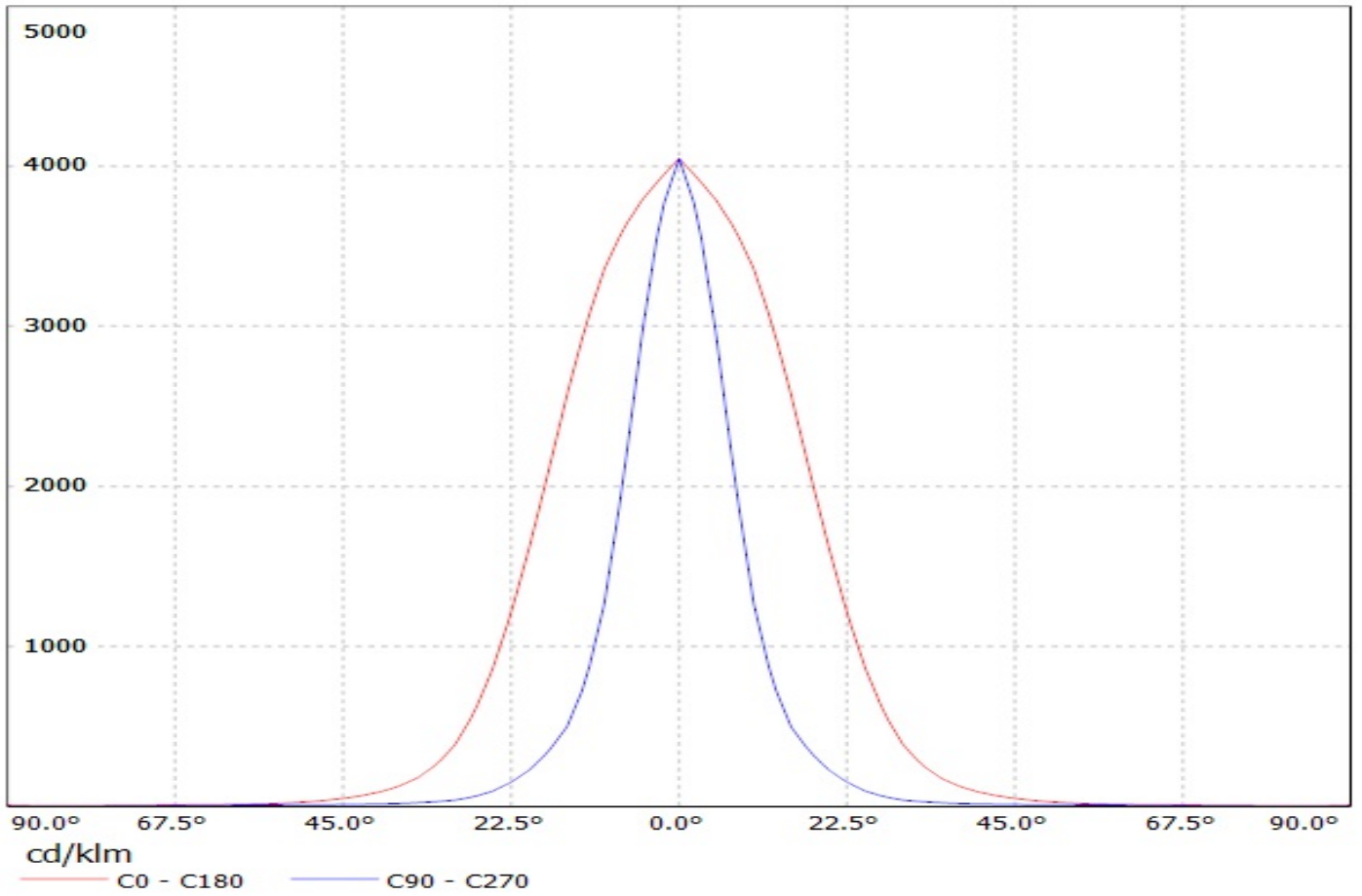
Luminaire: Ledil Oy CA11052_TINA2-O-XT-E (AWT) Efficiency=88%
Lamps: 1 x Cree XT-E (AWT) 250mA



Luminaire: Ledil Oy CA11052_TINA2-O_(3535_Ceramic_gen2) Efficiency=85%
Lamps: 1 x LG 3535 Ceramic gen2 (PKG5700K) 116lm @ 250mA CCT=6200K P=0.7W I=250mA



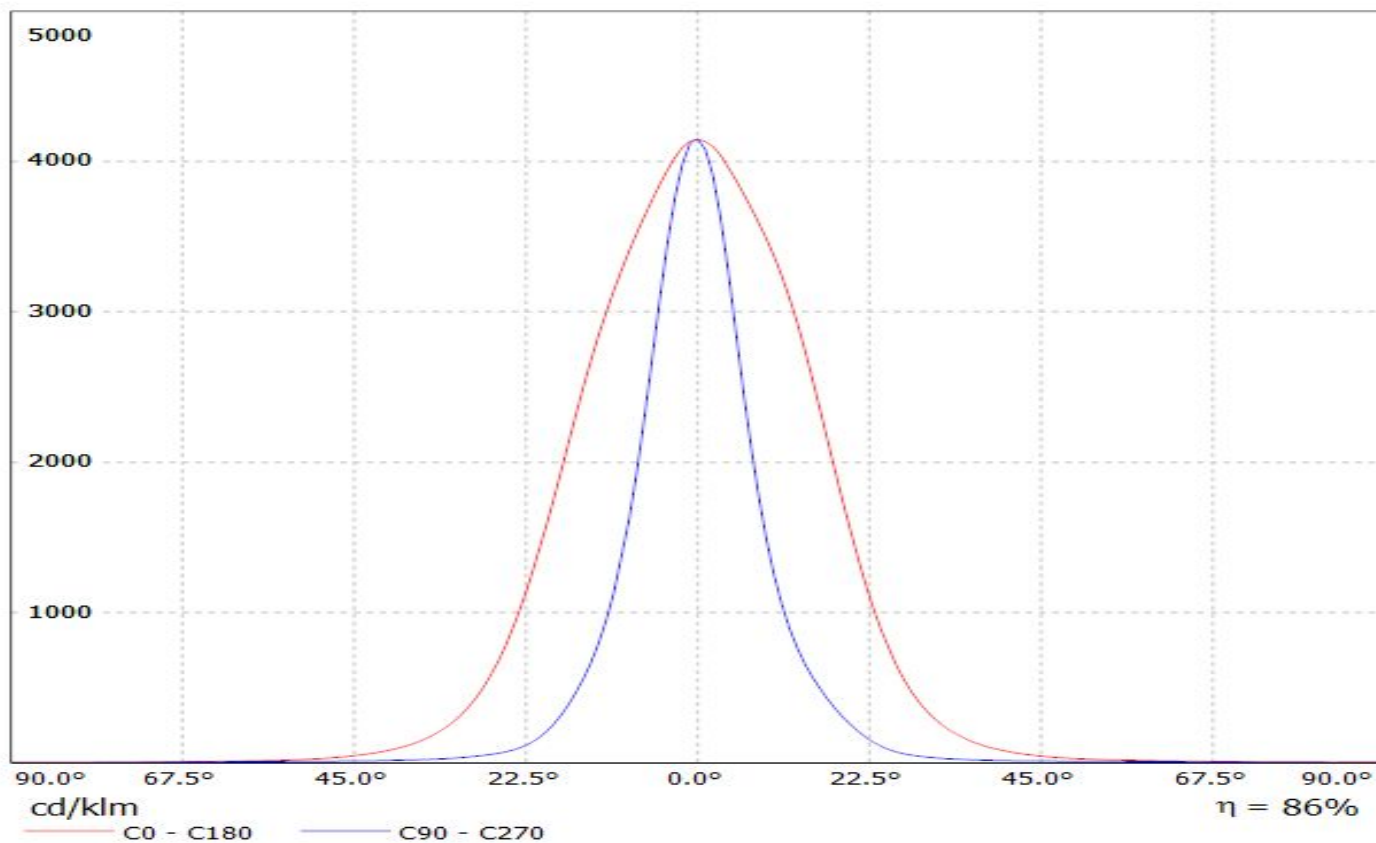
Luminaire: LEDIL OY CA11052_Tina2-O (XP-G) Efficiency=87%
Lamps: 1 x Cree XP-G (92lm@250mA)



LEDiL Oy CA11052_TINA2_O_(LG3535_2W) Eff.86.5% / LDC (Linear)

Luminaire: LEDiL Oy CA11052_TINA2_O_(LG3535_2W) Eff.86.5%

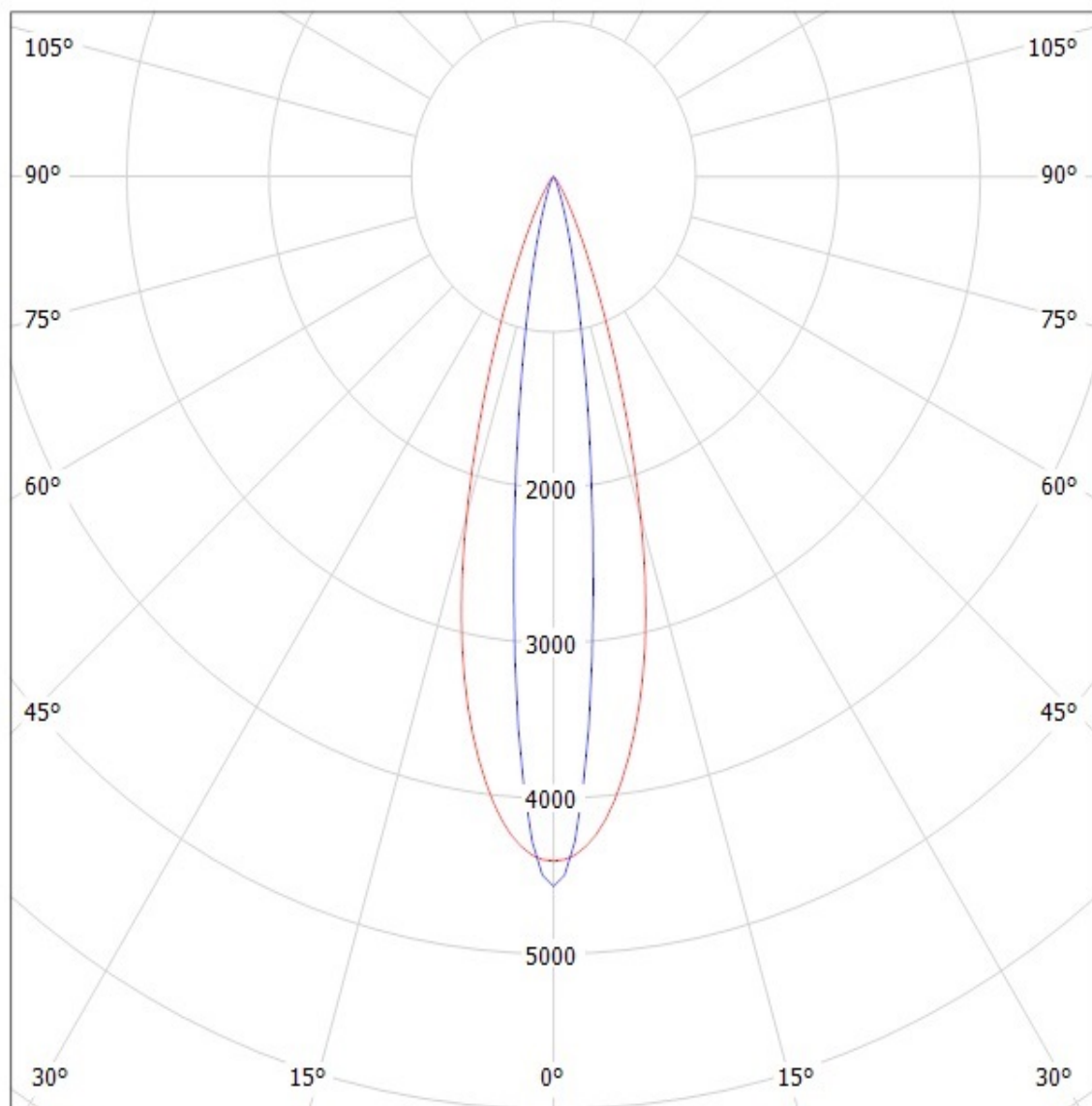
Lamps: 1 x LG3535_2W (97.2479lm@250mA)



Ledil Oy CA11052_Tina2-XP-O-black Cree XP-E (white) 76lm @ 250mA LOR is 91% / LDC (Polar)

Luminaire: Ledil Oy CA11052_Tina2-XP-O-black Cree XP-E (white) 76lm @ 250mA LOR is 91%

Lamps: 1 x Cree XP-E (white) 76lm @ 250mA



cd/klm

— C0 - C180

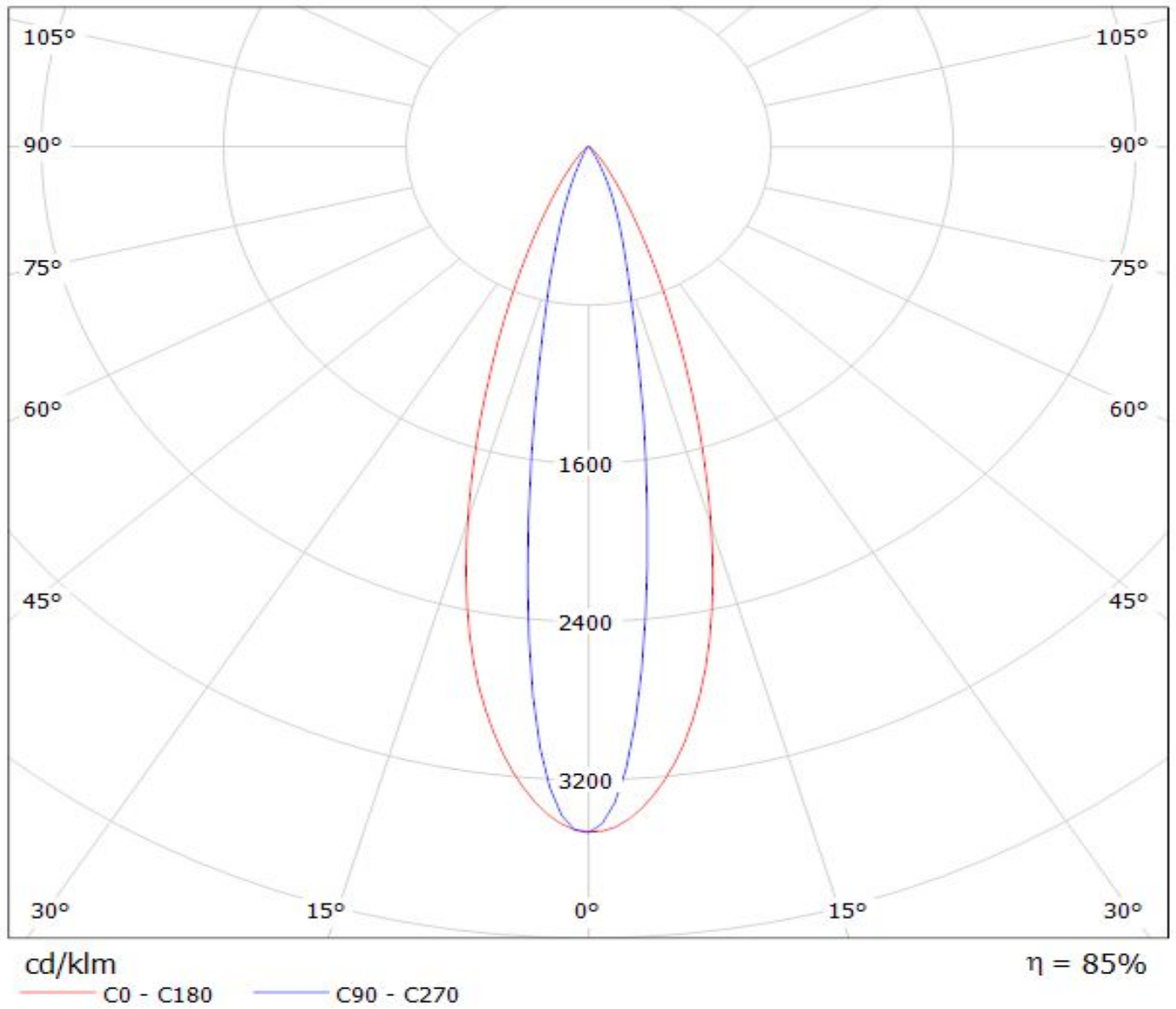
— C90 - C270

SIMULATED

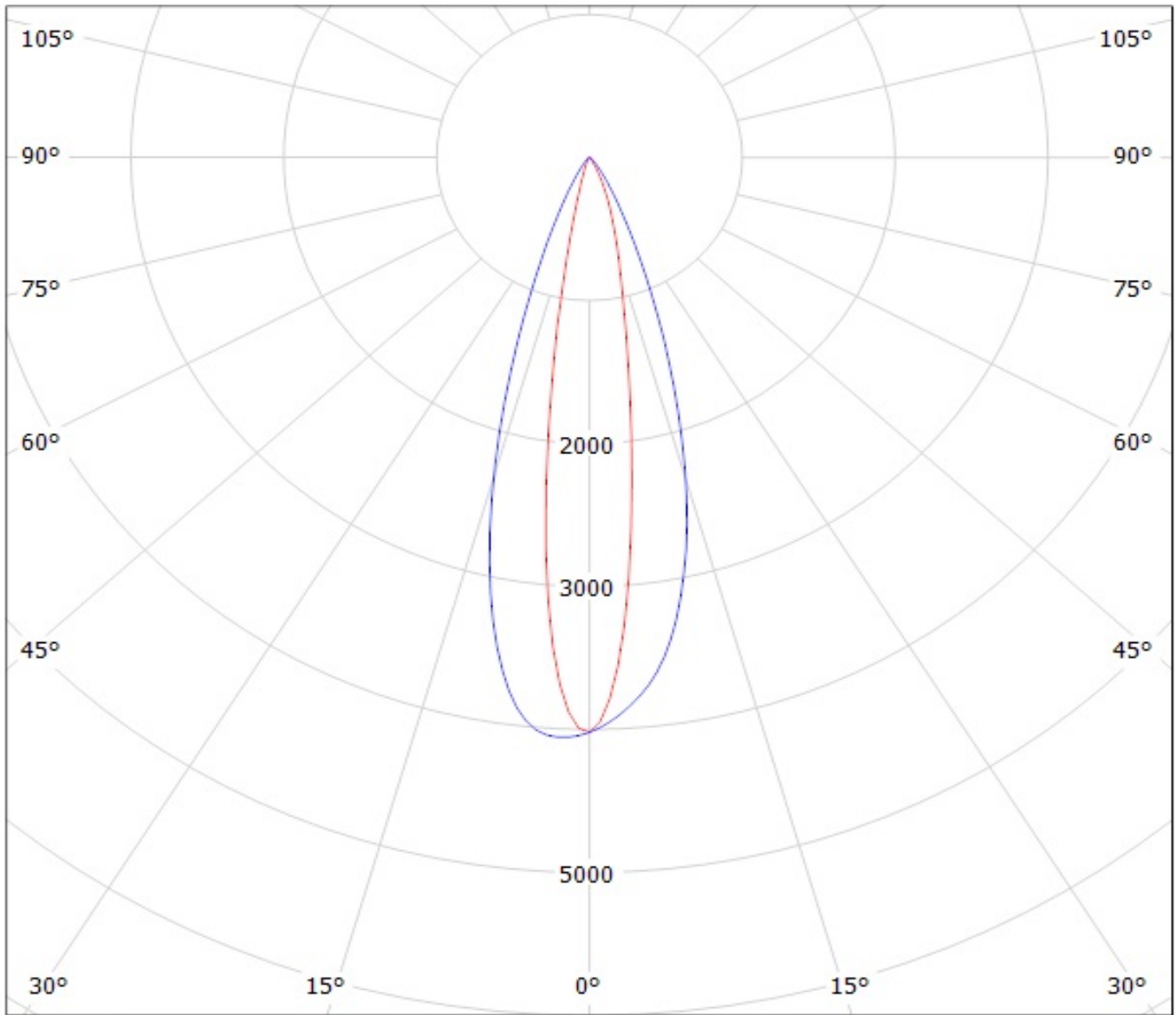
LEDiL Oy CA11052_TINA2-O_(3535_Ceramic)_2 Eff.85.5% / LDC (Polar)

Luminaire: LEDiL Oy CA11052_TINA2-O_(3535_Ceramic)_2 Eff.85.5%

Lamps: 1 x LG 3535 Ceramic (95lm@250mA)



Valaisin: LEDIL OY CA11052_TINA2-O_(XP-G2) Efficiency=87%
Lamput: 1 x Cree XP-G2 (109.1lm @ 250mA)

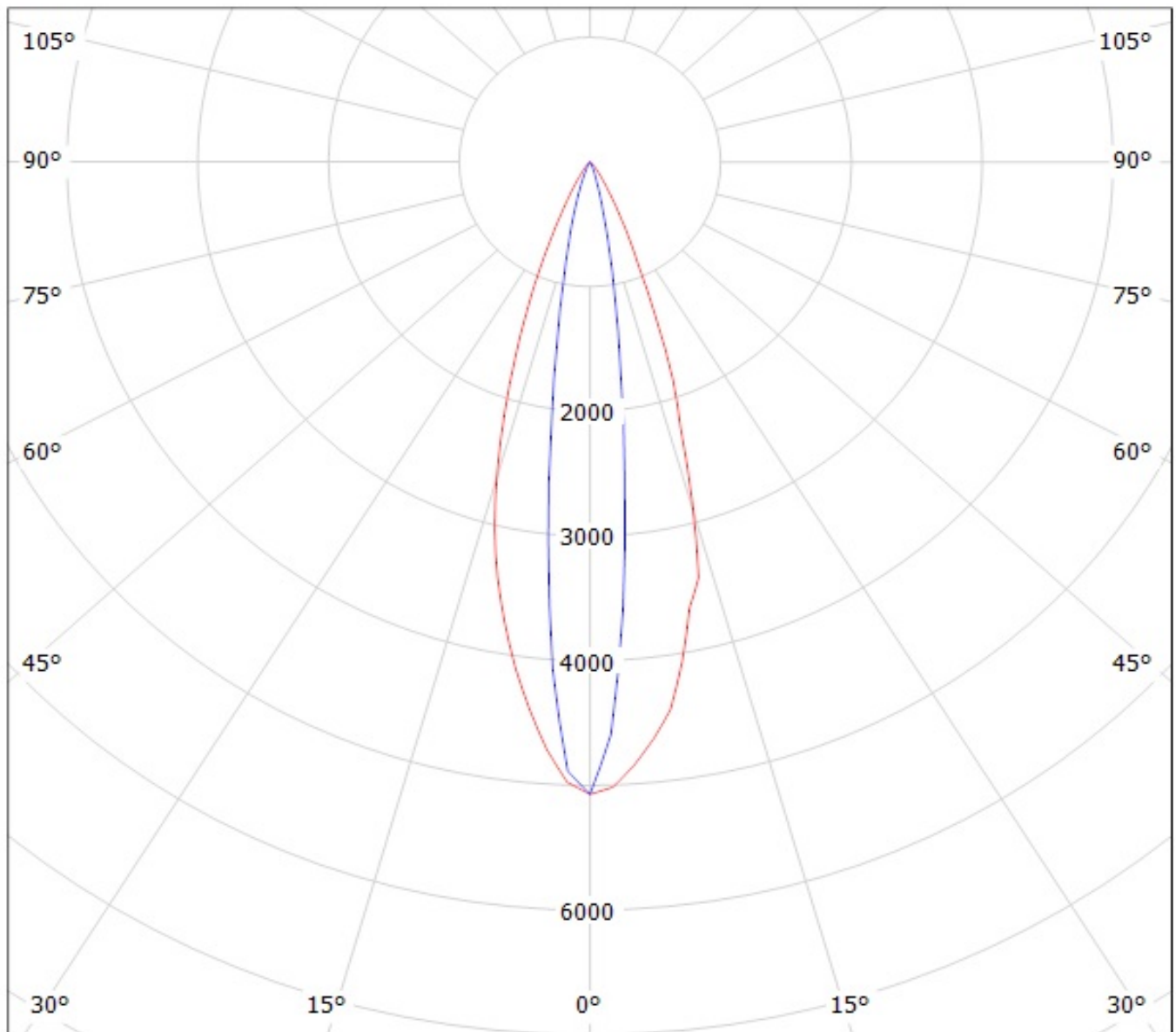


cd/klm

— C0 - C180

— C90 - C270

Luminaire: Ledil Oy CA11052_TINA2-O (CREE XP-E2 92 lm @ 250 mA) Efficiency=86%
Lamps: 1 x CREE XP-E2 92 lm @ 250 mA

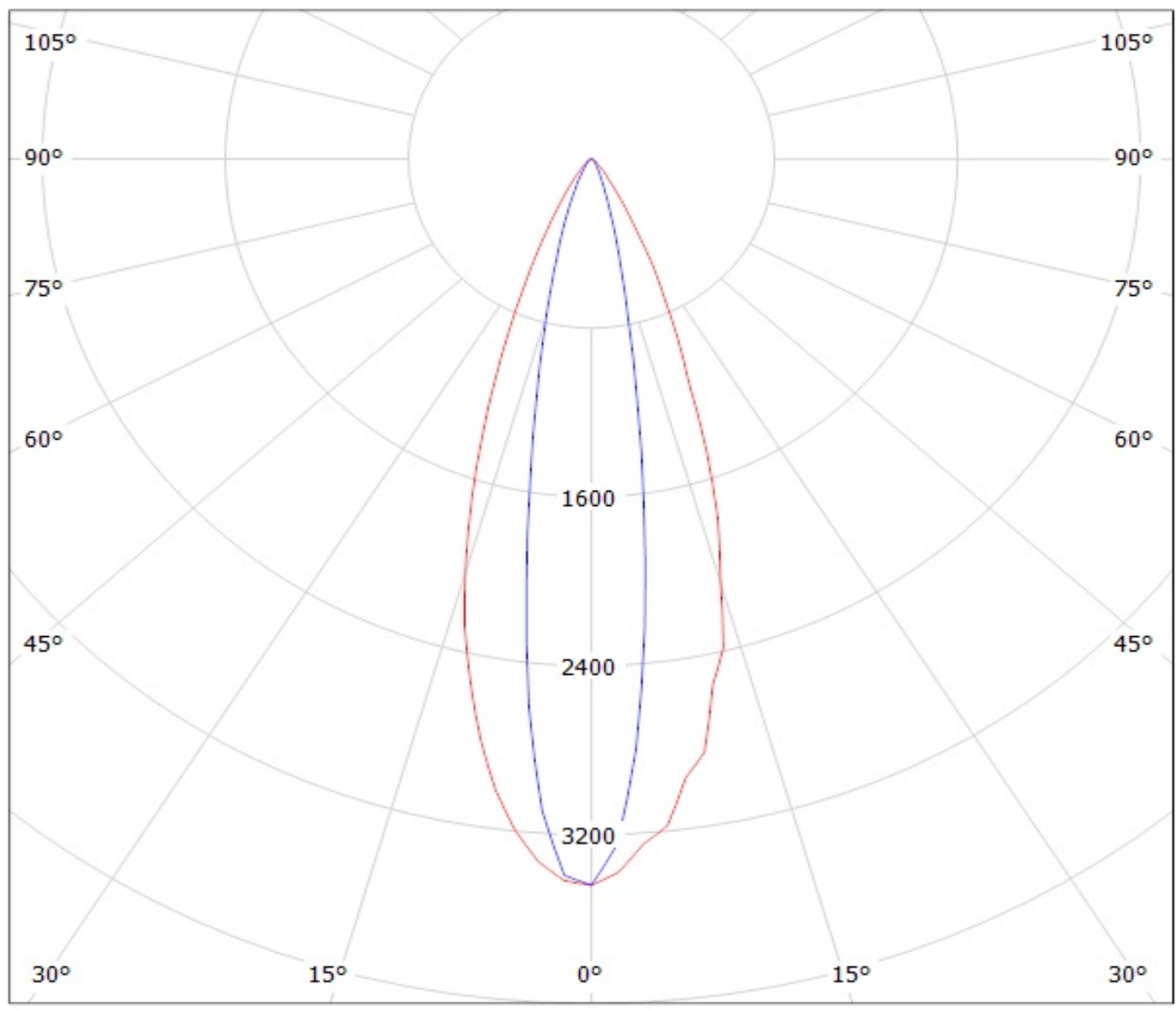


cd/klm

— C0 - C180

— C90 - C270

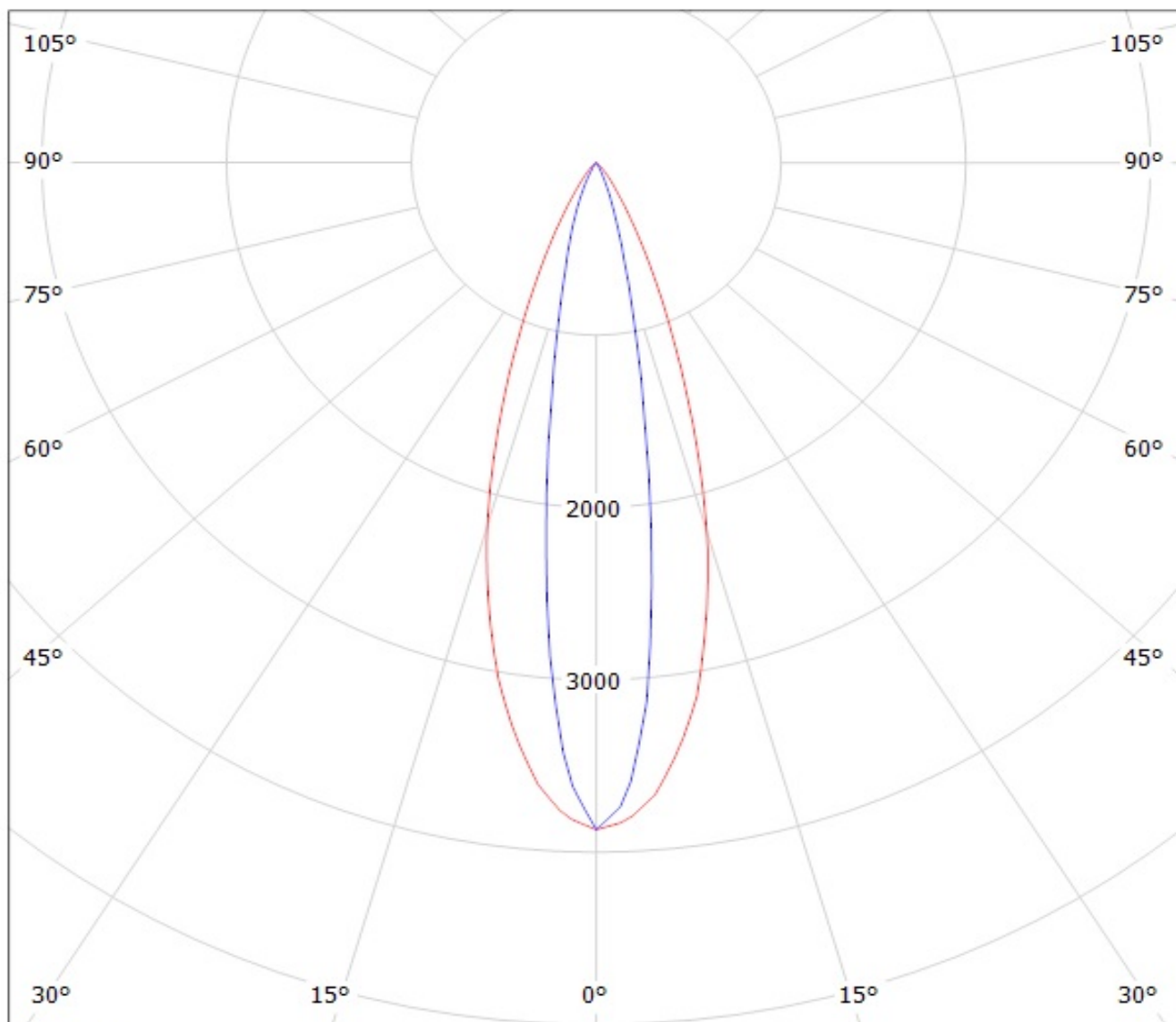
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cd/klm

— C0 - C180 — C90 - C270

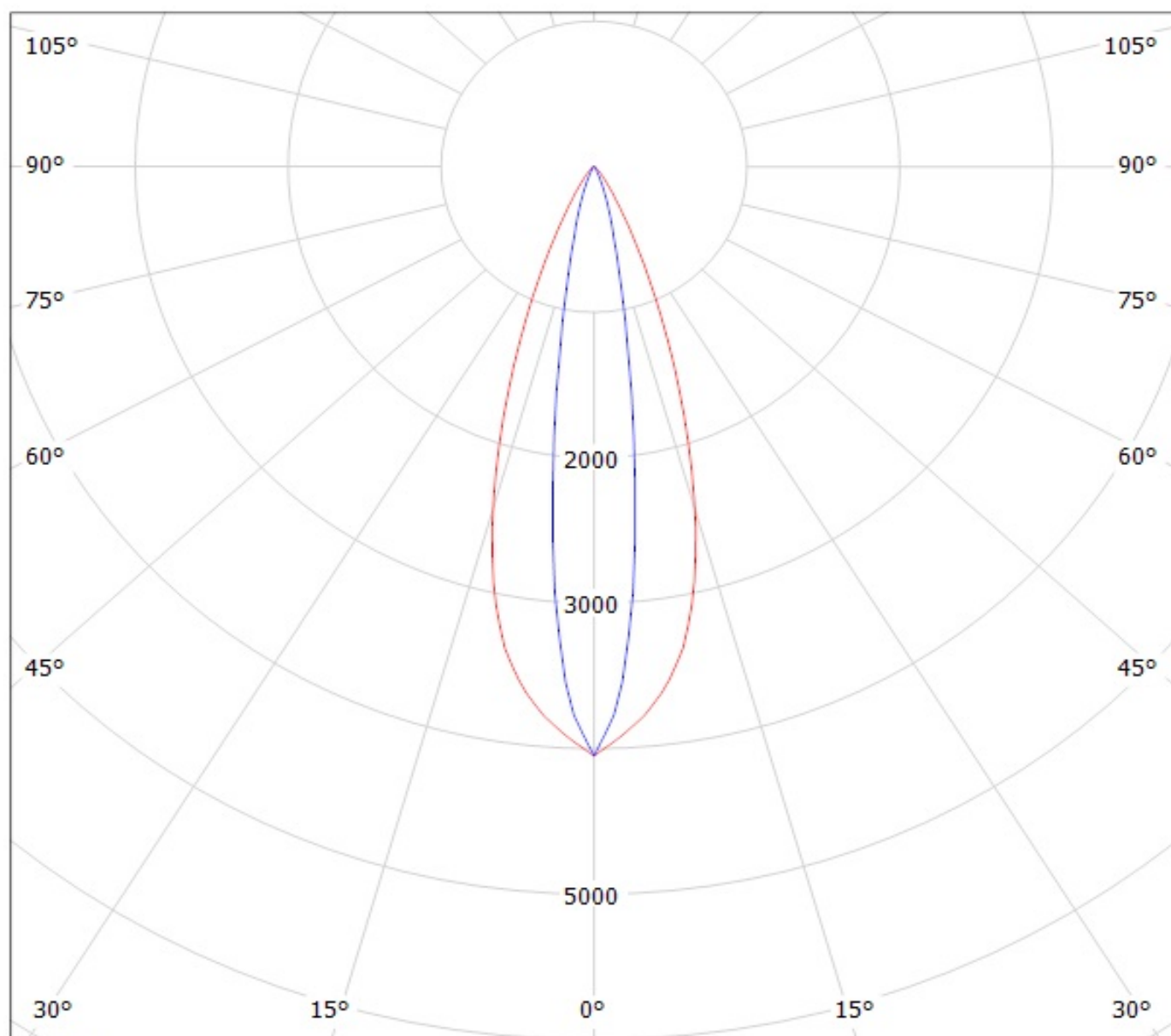
Luminaire: Ledil Oy CA11052_TINA2-O_(3535_Ceramic_gen2) Efficiency=85%
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cd/klm

— C0 - C180 — C90 - C270

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cd/klm

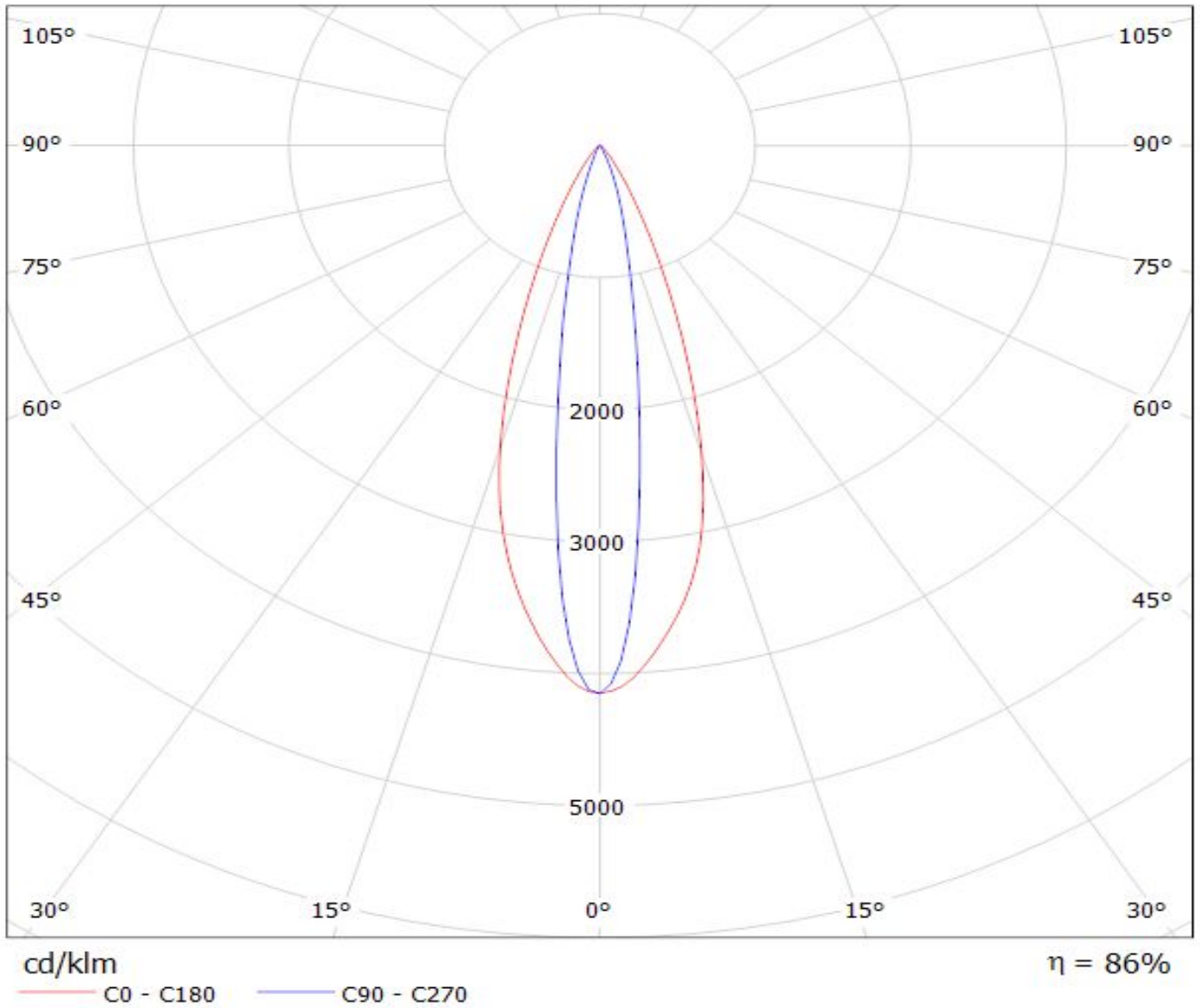
— C0 - C180

— C90 - C270

LEDiL Oy CA11052_TINA2_O_(LG3535_2W) Eff.86.5% / LDC (Polar)

Luminaire: LEDiL Oy CA11052_TINA2_O_(LG3535_2W) Eff.86.5%

Lamps: 1 x LG3535_2W (97.2479lm@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 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.