

DETAILS

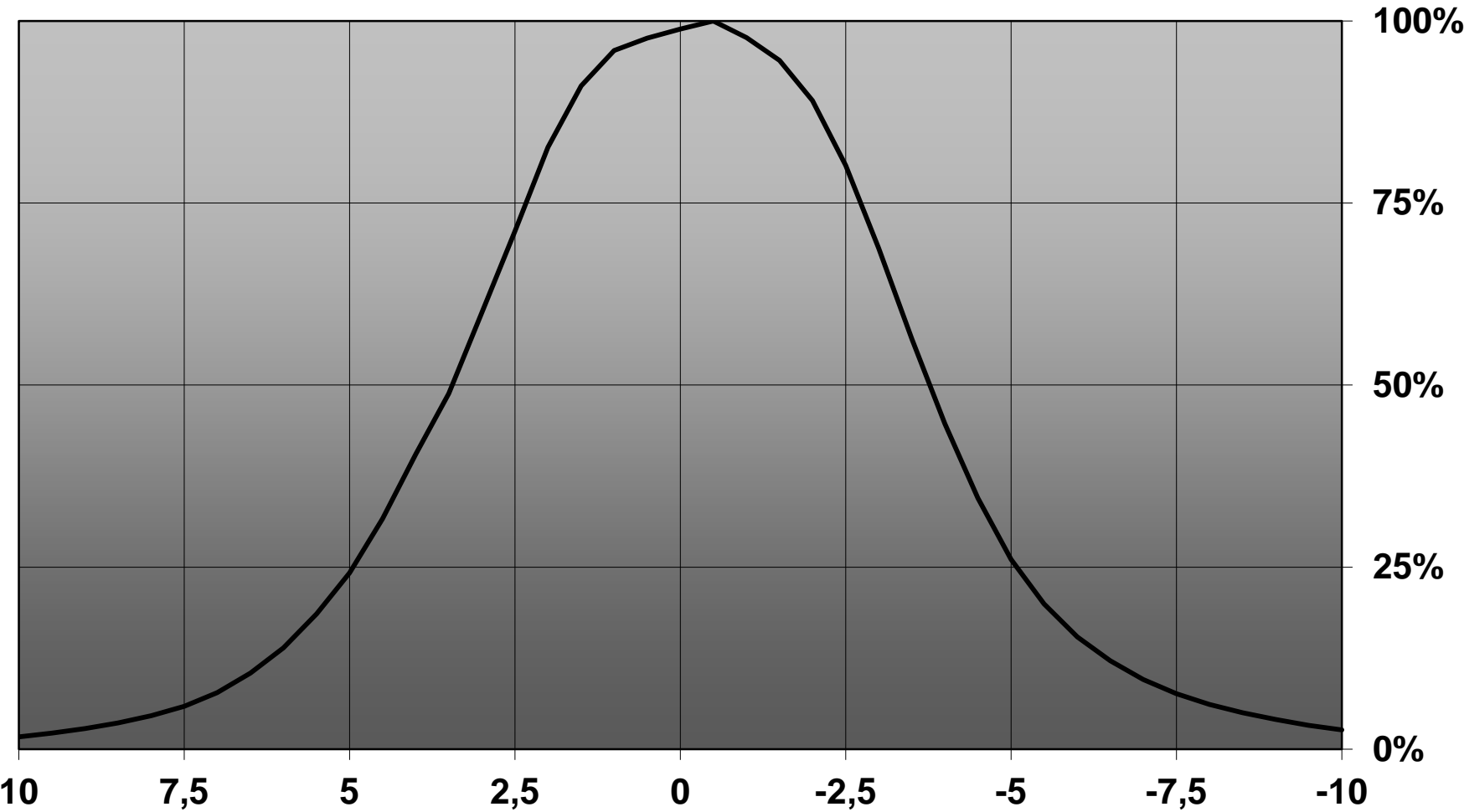
Product Number	CA11481_LXP2-RS
Family	Leila
Type	Assembly
Color	black
Diameter	21,6 mm
Height	14,7 mm
Style	round
Optic Material	PMMA
Holder Material	PC
Fastening	tape
Status	ready
ROHS Compliant	Yes
Date Updated	10/04/2014

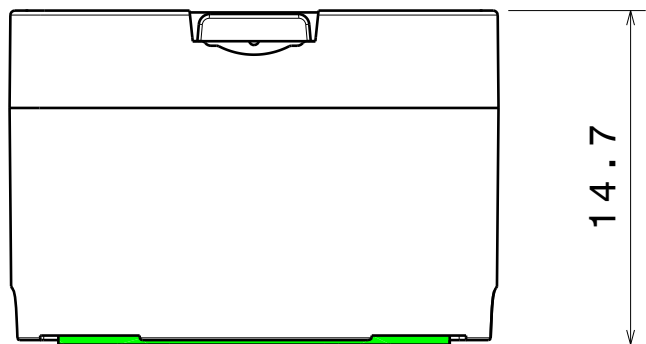


OPTICAL PROPERTIES

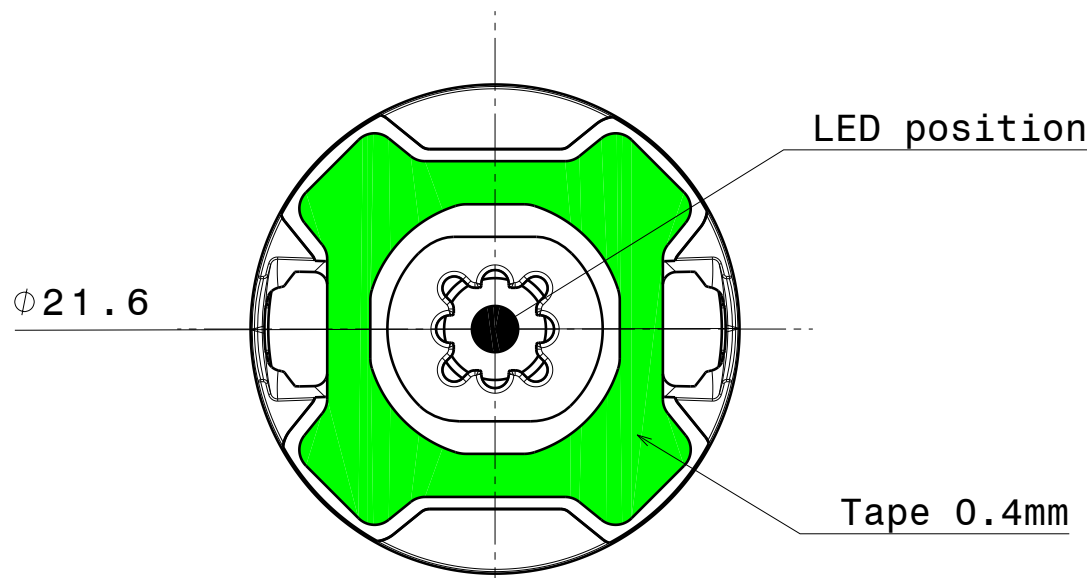
LED	Viewing	Light	Effi-	cd/lm	Connector
	Angle	Beam	ciency		
Z5	sim: 10	Real spot	94 %	-	-
XP-E	7 deg	Real spot	94 %	sim: 0.000	-
XP-E2	8 deg	Real spot	90 %	44.000	-
NCSxx19A	8 deg	Real spot	86 %	26.400	-
XP-G	10 deg	Real spot	94 %	sim: 0.000	-
XP-G2	10 deg	Real spot	94 %	21.000	-
XP-L HI	10 deg	Real spot	89 %	20.000	-
H35C1 (LEMWA33)	11 deg	Real spot	88 %	18.200	-

Relative intensity of CA11481_LXP2-RS-(XPE2)

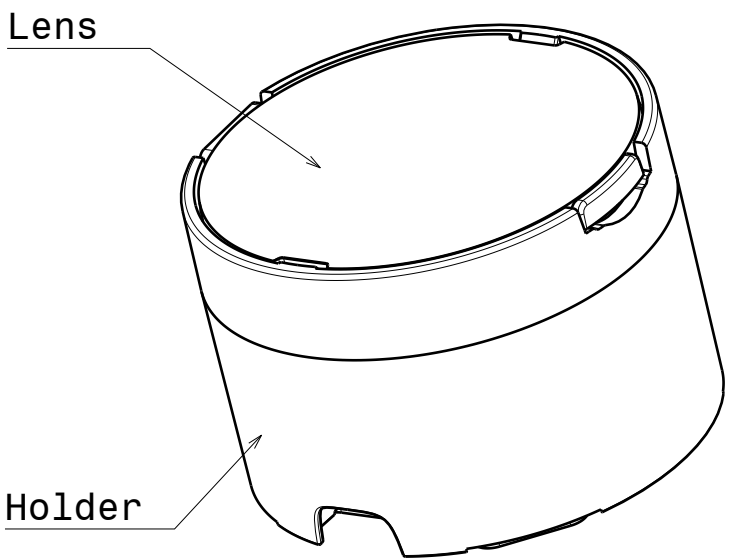




Front view
Scale: 3:1




Bottom view
Scale: 3:1



Isometric view
Scale: 3:1

INDEX	DESCRIPTION	MATERIAL	COLOUR
1	Lens	PMMA	
2	Holder	PC	black
3	Tape	PU 2-sided foam tape	adhesive

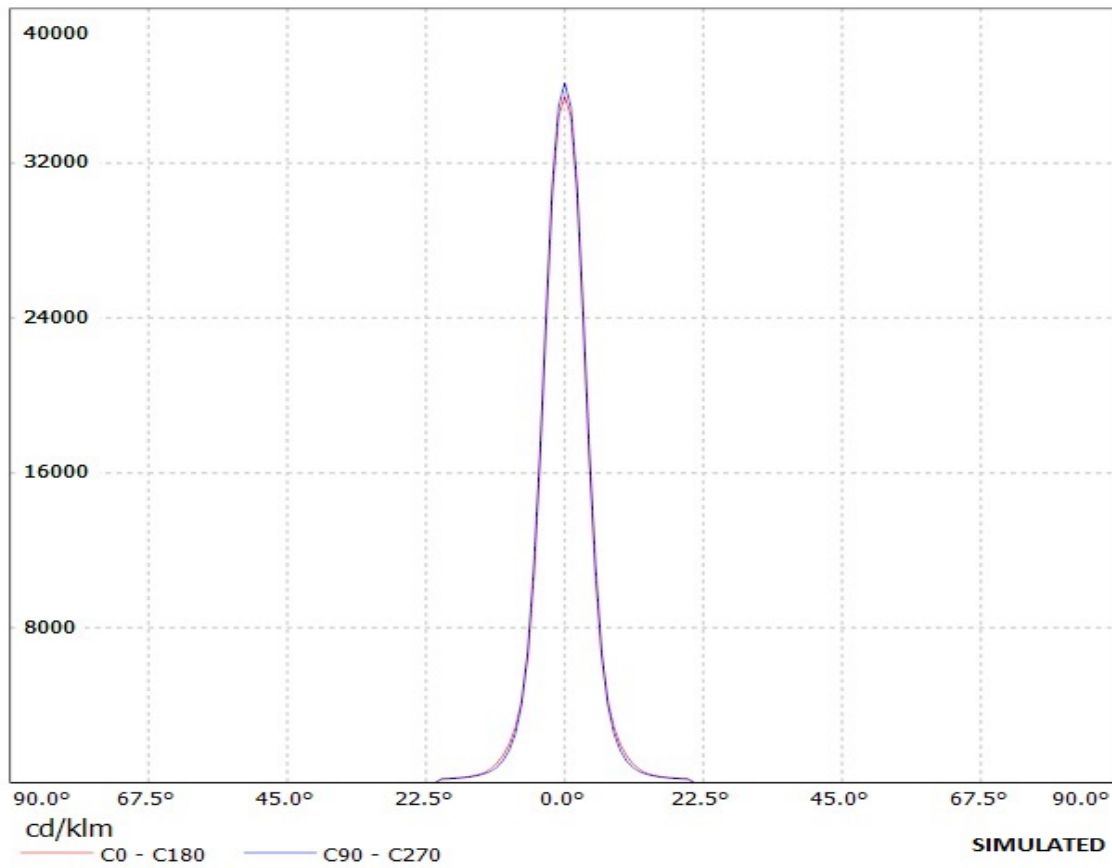
Tolerances if not otherwise shown According to DIN ISO 2768-1 Linear measures: Up to 30mm class M, otherwise class C. According to DIN ISO 2768-2 Form and position: class L	
THIRD ANGLE PROJECTION:	
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		LediL Oy Salorankatu 10 FIN 24240 SALO Finland	
DRAWING TITLE Datasheet_LXP2-Series			
SIZE A3	PART NUMBER -		
SCALE 3:1	WEIGHT	-	SHEET 1 / 1

Ledil Oy CA11481_LXP2-RS CA11481_LXP2-RS / LDC (Linear)

Luminaire: Ledil Oy CA11481_LXP2-RS CA11481_LXP2-RS

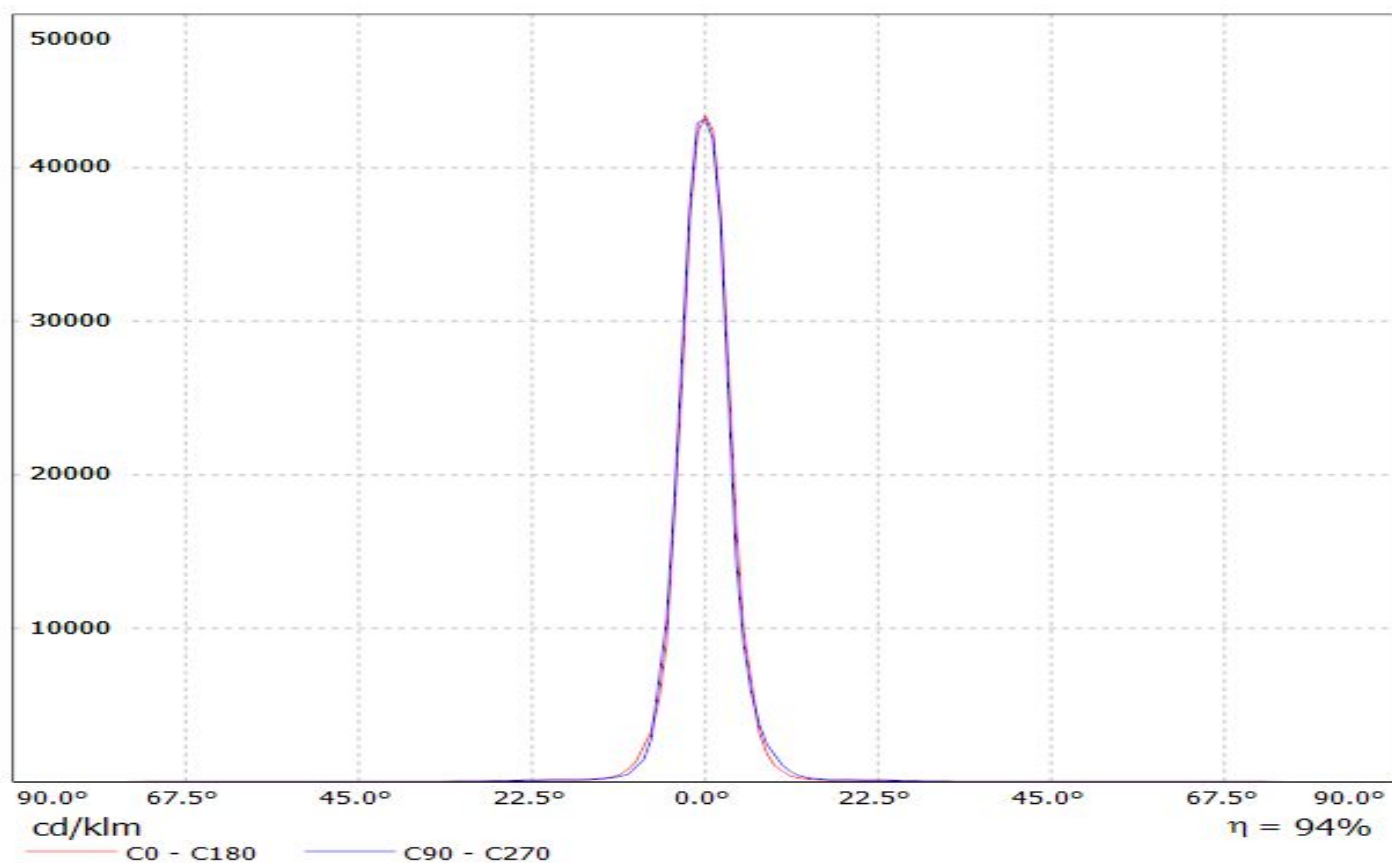
Lamps: 1 x Cree XP-E (White)



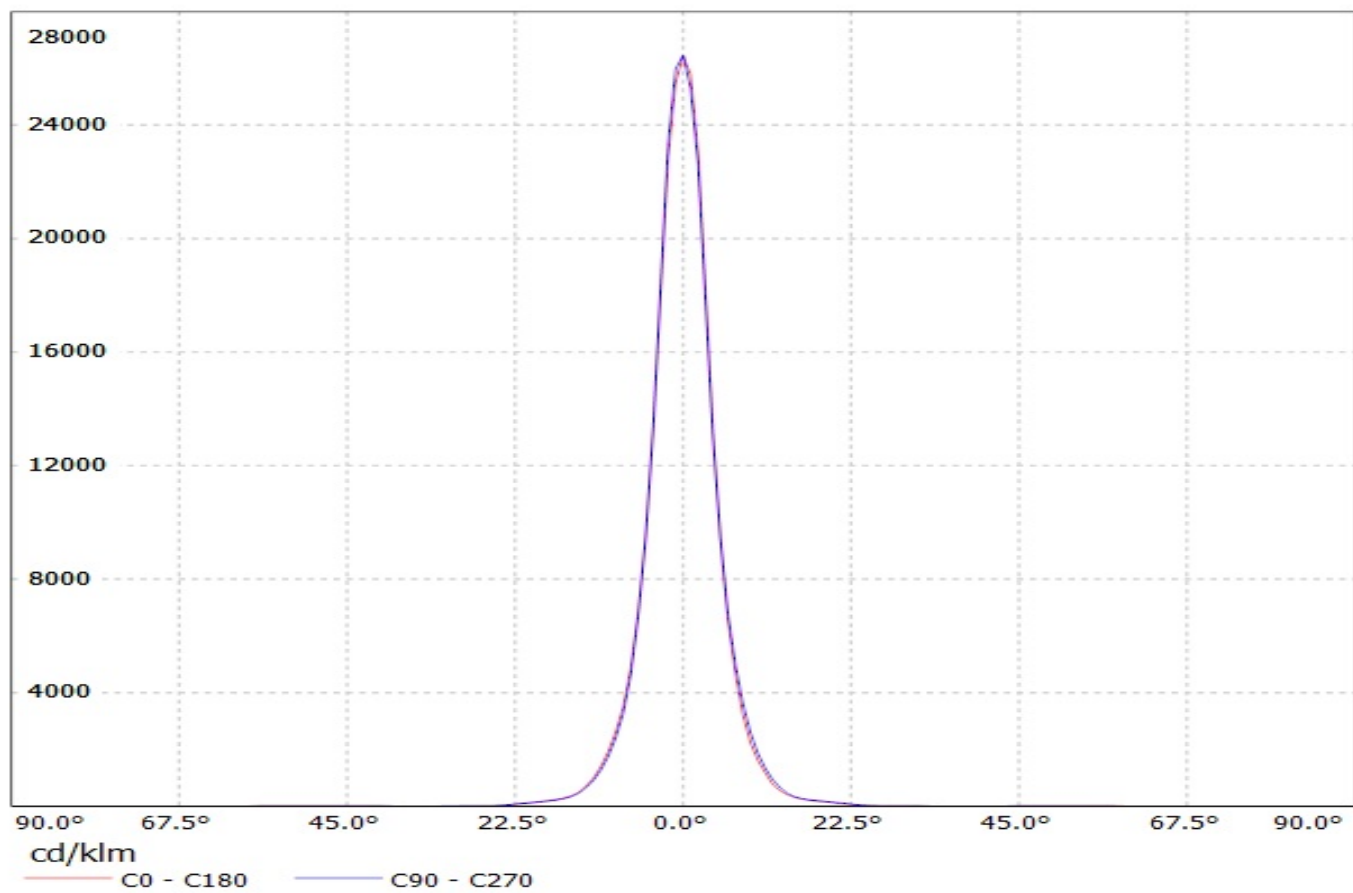
LEDiL Oy CA11481 LXP2-RS_(XP-E2) Eff.90.0% / LDC (Linear)

Luminaire: LEDiL Oy CA11481 LXP2-RS_(XP-E2) Eff.90.0%

Lamps: 1 x CREE_XP-E2_(XPEBWT-L1-7B4-Q4-0-01)_85.49lm@250mA_P=0.745802W_I=249.9mA

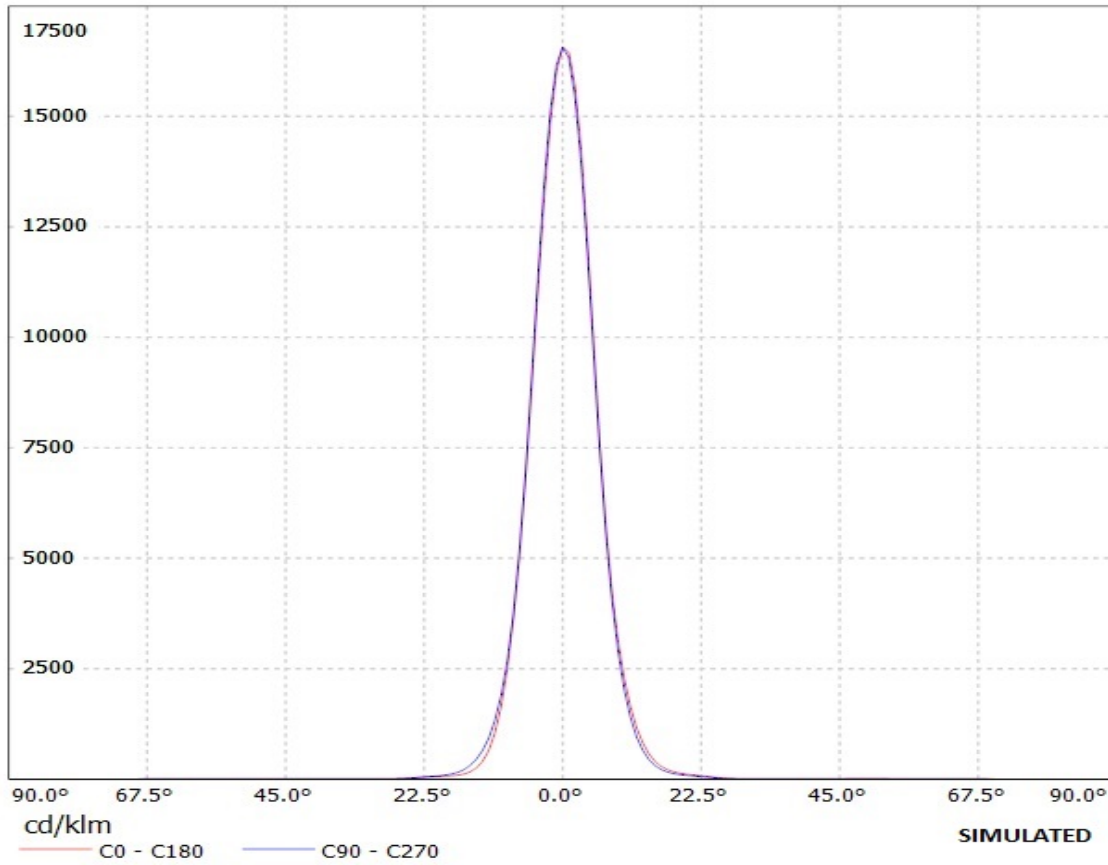


Luminaire: Ledil Oy CA11481_LXP2-RS_(NCSxx19A) Efficiency=86%
Lamps: 1 x Nichia NCSxx19A 69lm @ 250mA CCT=3600K P=0.8W I=250mA

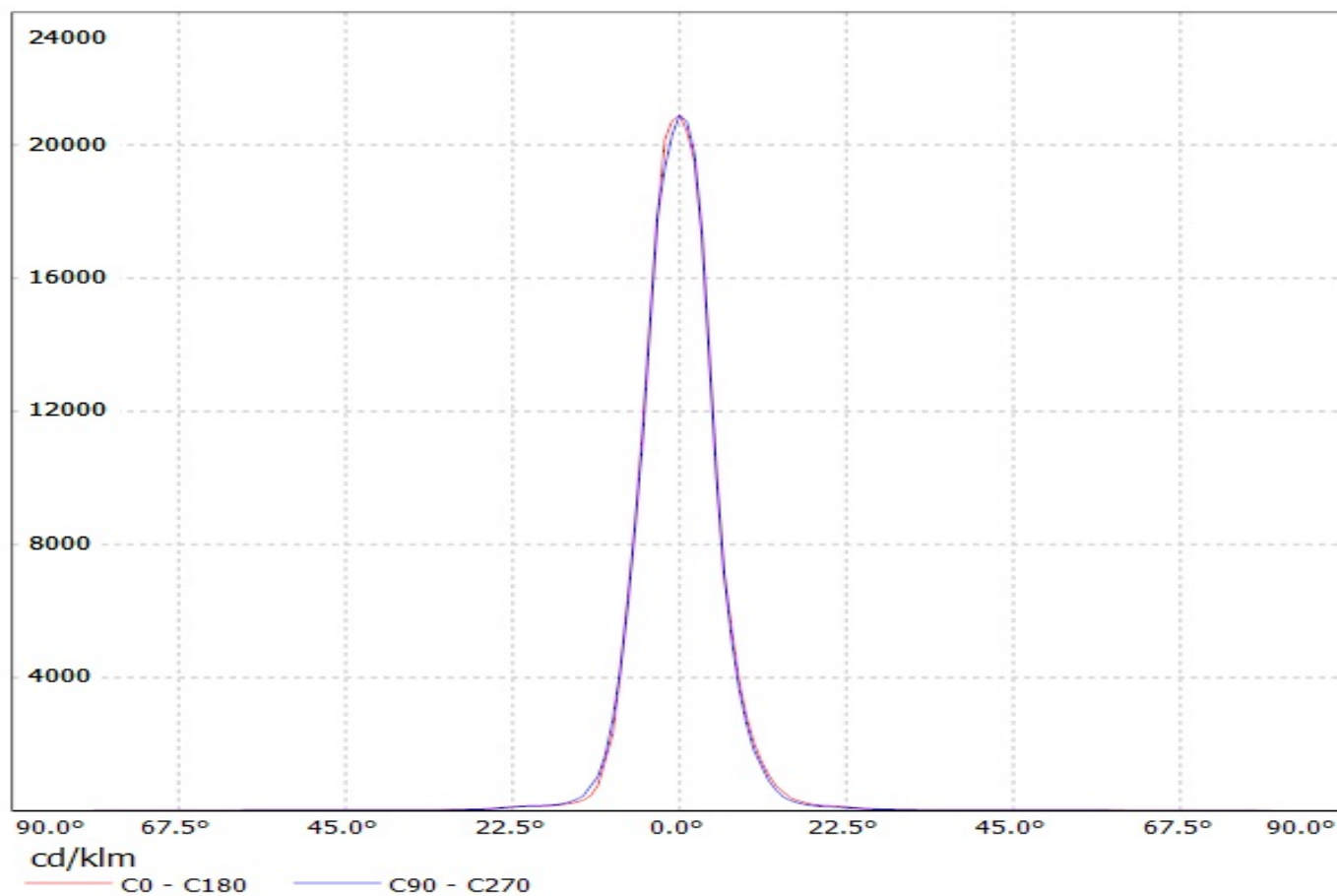


Ledil Oy CA11481_LXP2-G-RS LOR=94% / LDC (Linear)

Luminaire: Ledil Oy CA11481_LXP2-G-RS LOR=94%
Lamps: 1 x Cree XP-G 89lm 250mA



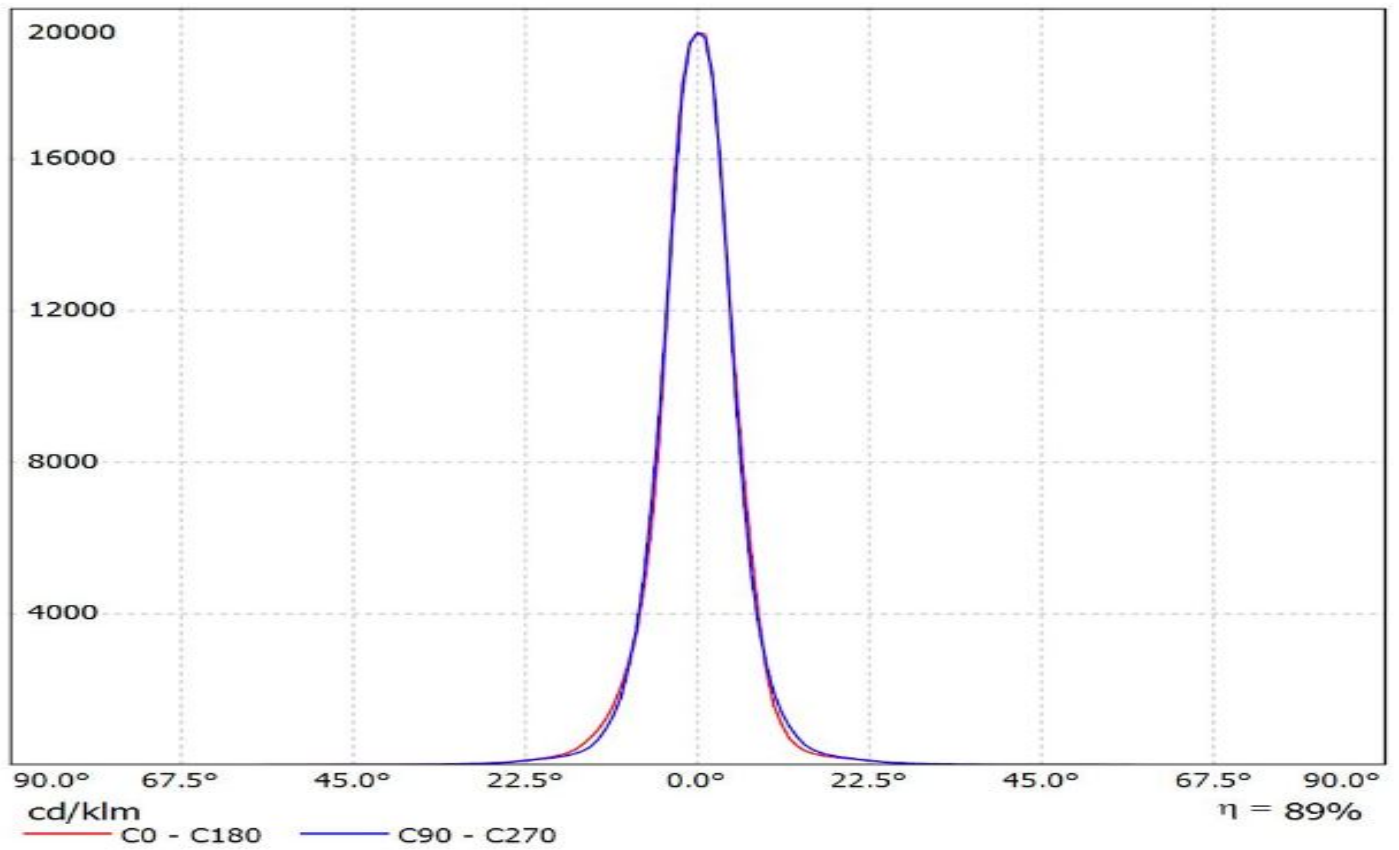
Valaisin: LEDIL OY CA11481_LXP2-RS_(XP-G2) Efficiency=94%
Lamput: 1 x Cree XP-G2 (109.1lm @ 250mA)



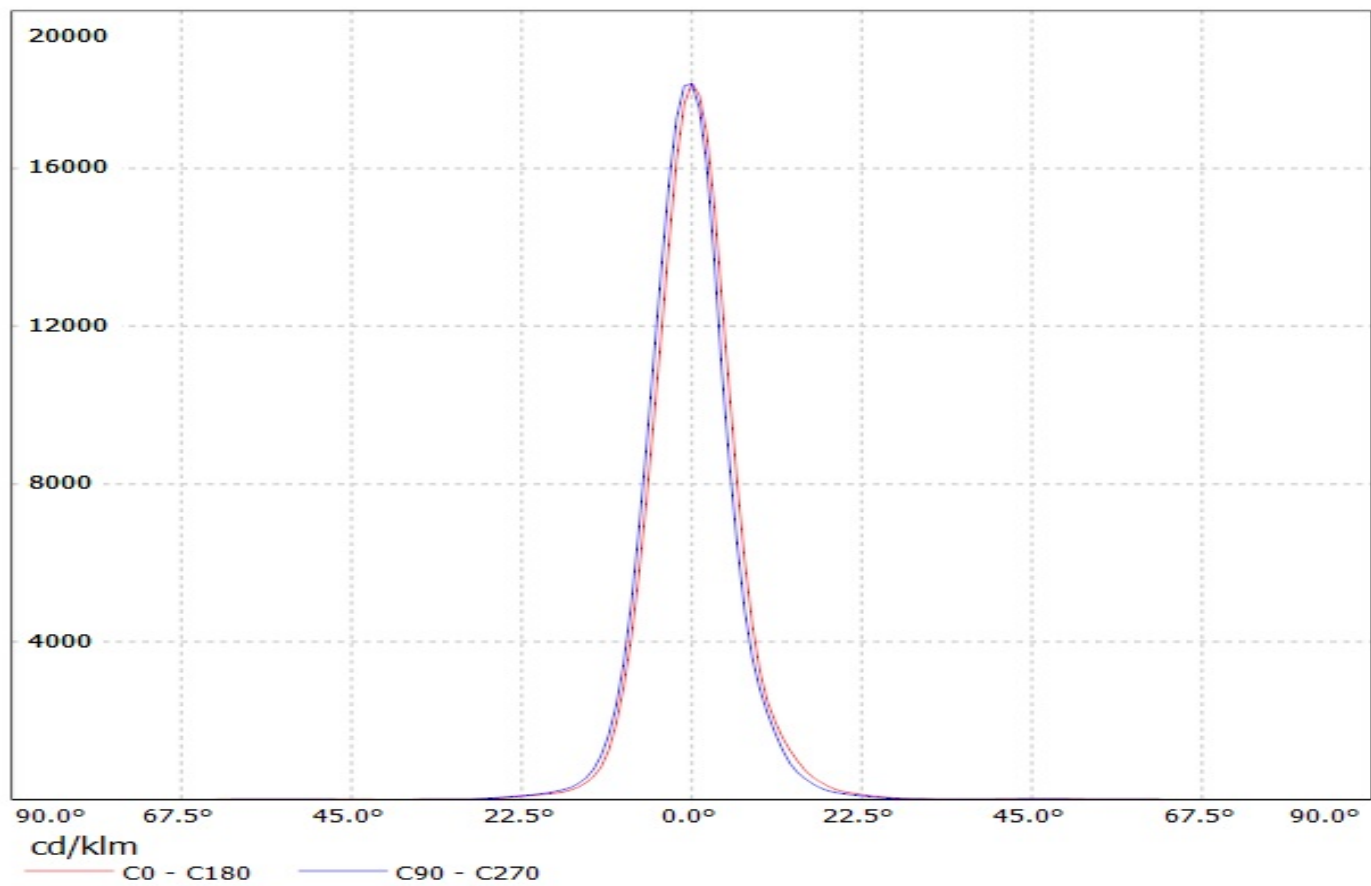
Ledil CA11481_LXP2-RS_(XP-L_HI) / LDC (Linear)

Luminaire: Ledil CA11481_LXP2-RS_(XP-L_HI)

Lamps: 1 x CREE_XP-L_HI_116.97lm@250mA_P=0.75W_I=0.25A



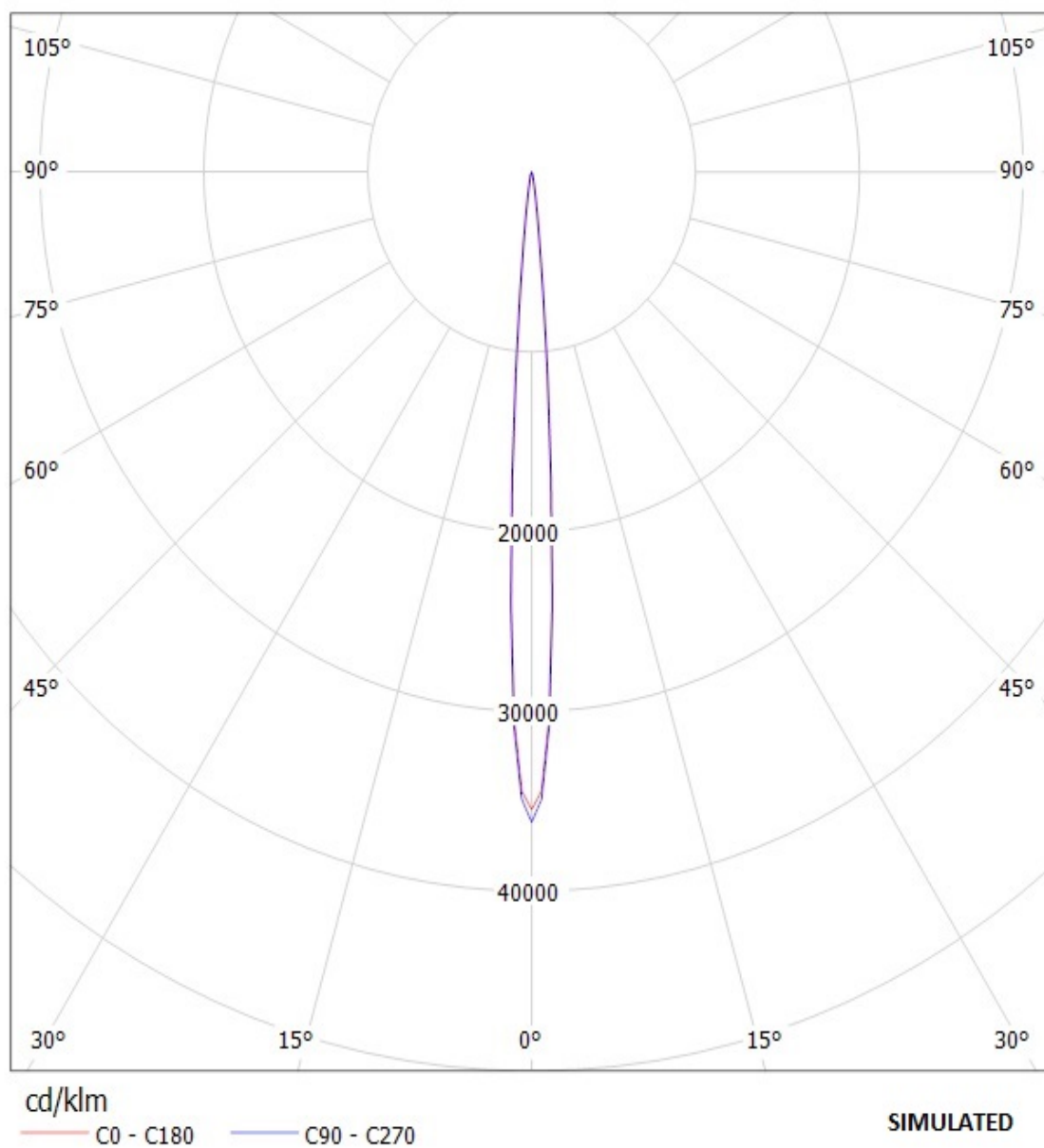
Luminaire: Ledil Oy CA11481_LXP2-RS_(3535_Ceramic_gen2) Efficiency=88%
Lamps: 1 x LG 3535 Ceramic gen2 (PKG5700K) 116lm @ 250mA CCT=6200K P=0.7W I=250mA



Ledil Oy CA11481_LXP2-RS CA11481_LXP2-RS / LDC (Polar)

Luminaire: Ledil Oy CA11481_LXP2-RS CA11481_LXP2-RS

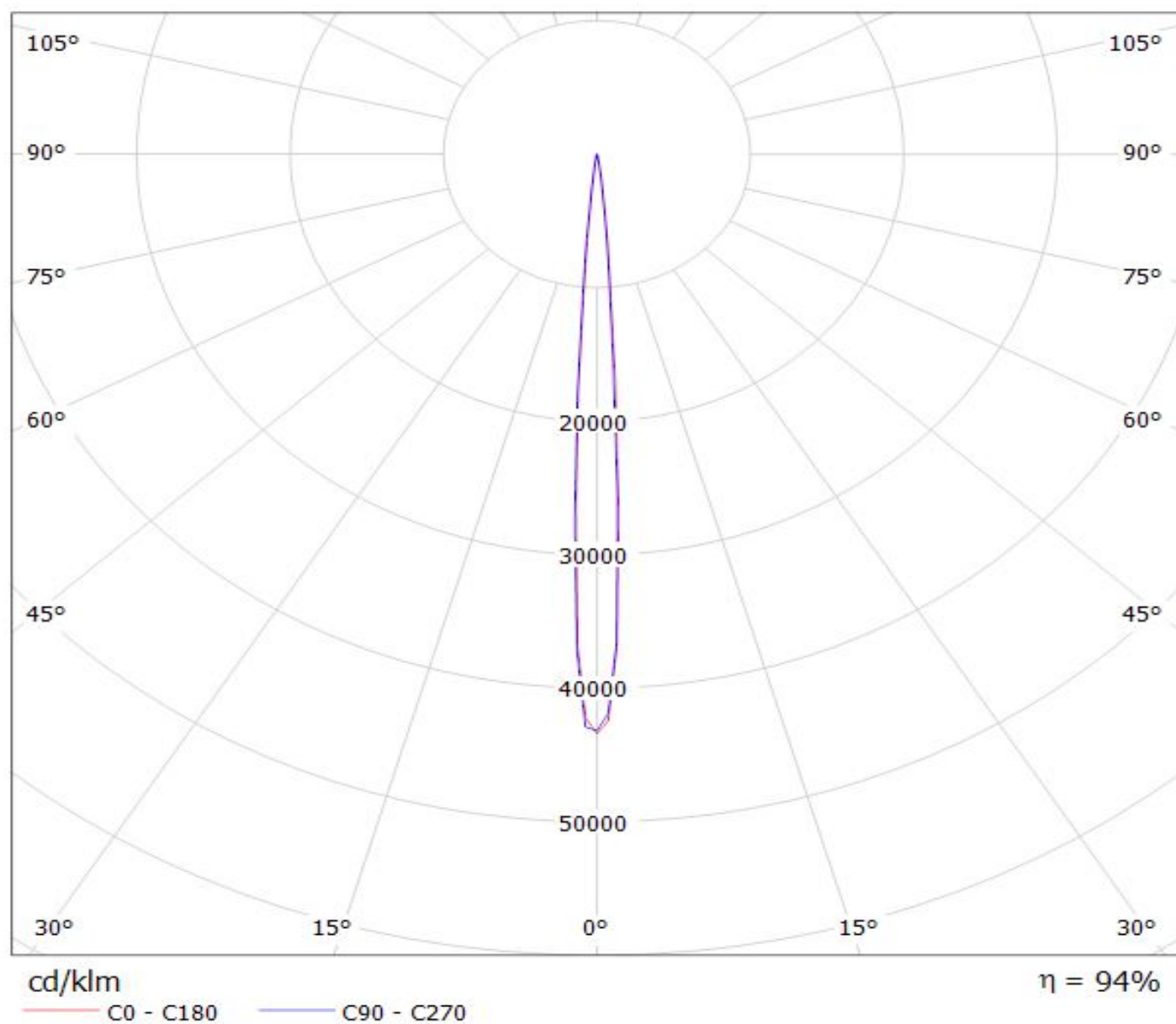
Lamps: 1 x Cree XP-E (White)



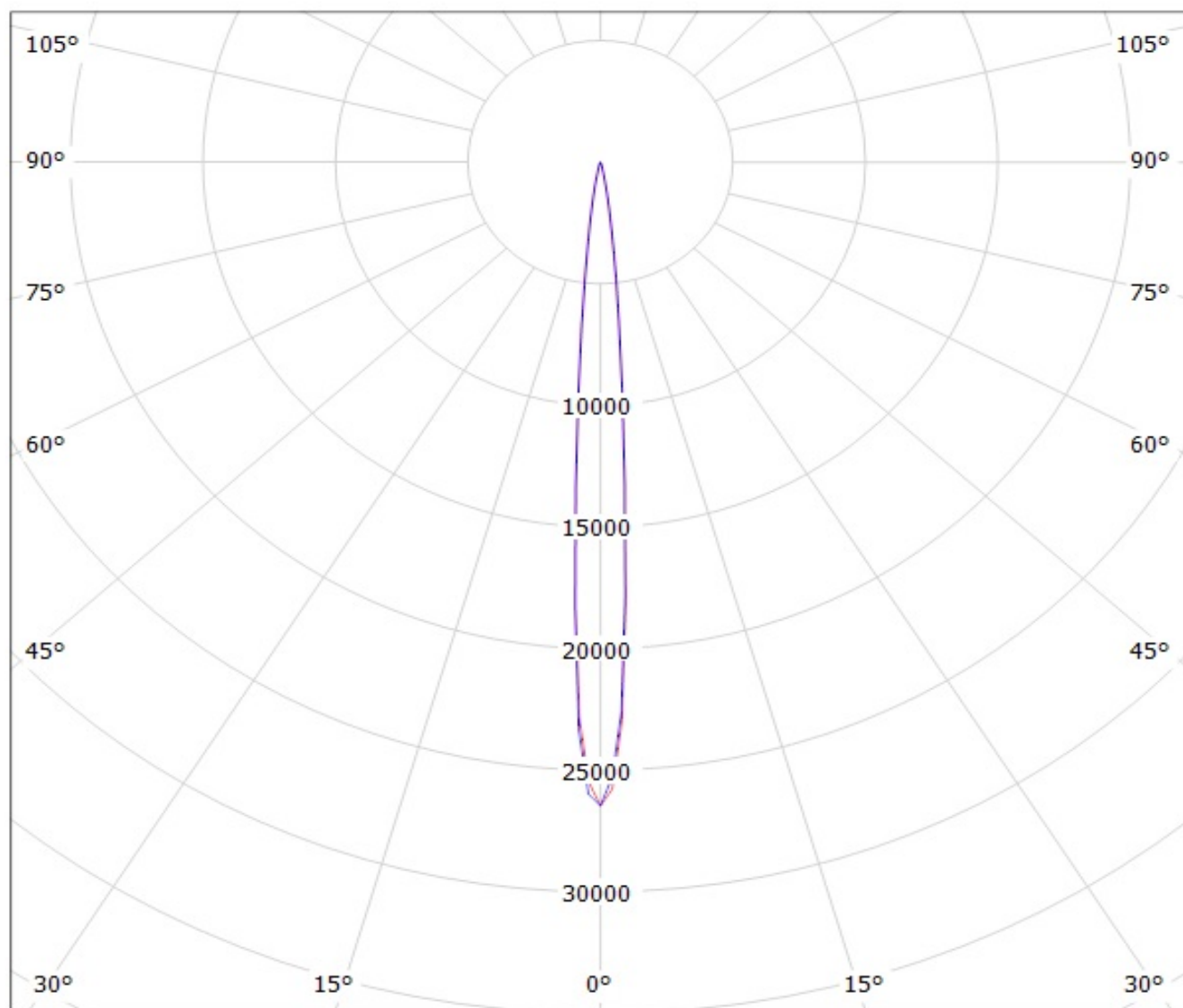
LEDiL Oy CA11481 LXP2-RS_(XP-E2) Eff.90.0% / LDC (Polar)

Luminaire: LEDiL Oy CA11481 LXP2-RS_(XP-E2) Eff.90.0%

Lamps: 1 x CREE_XP-E2_(XPEBWT-L1-7B4-Q4-0-01)_85.49lm@250mA_P=0.745802W_I=249.9mA



Luminaire: Ledil Oy CA11481_LXP2-RS_(NCSxx19A) Efficiency=86%
Lamps: 1 x Nichia NCSxx19A 69lm @ 250mA CCT=3600K P=0.8W I=250mA



cd/klm

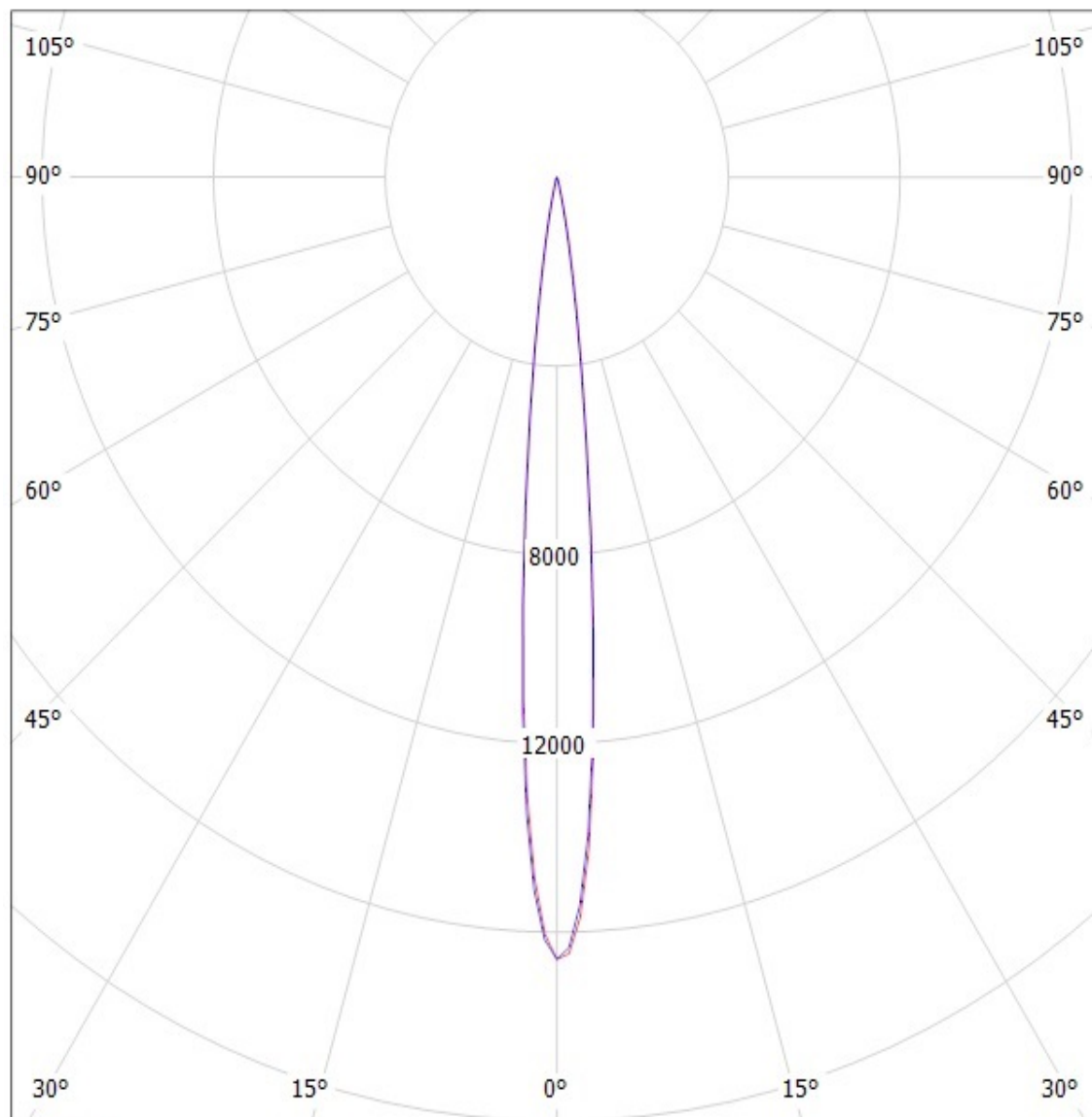
— C0 - C180

— C90 - C270

Ledil Oy CA11481_LXP2-G-RS LOR=94% / LDC (Polar)

Luminaire: Ledil Oy CA11481_LXP2-G-RS LOR=94%

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



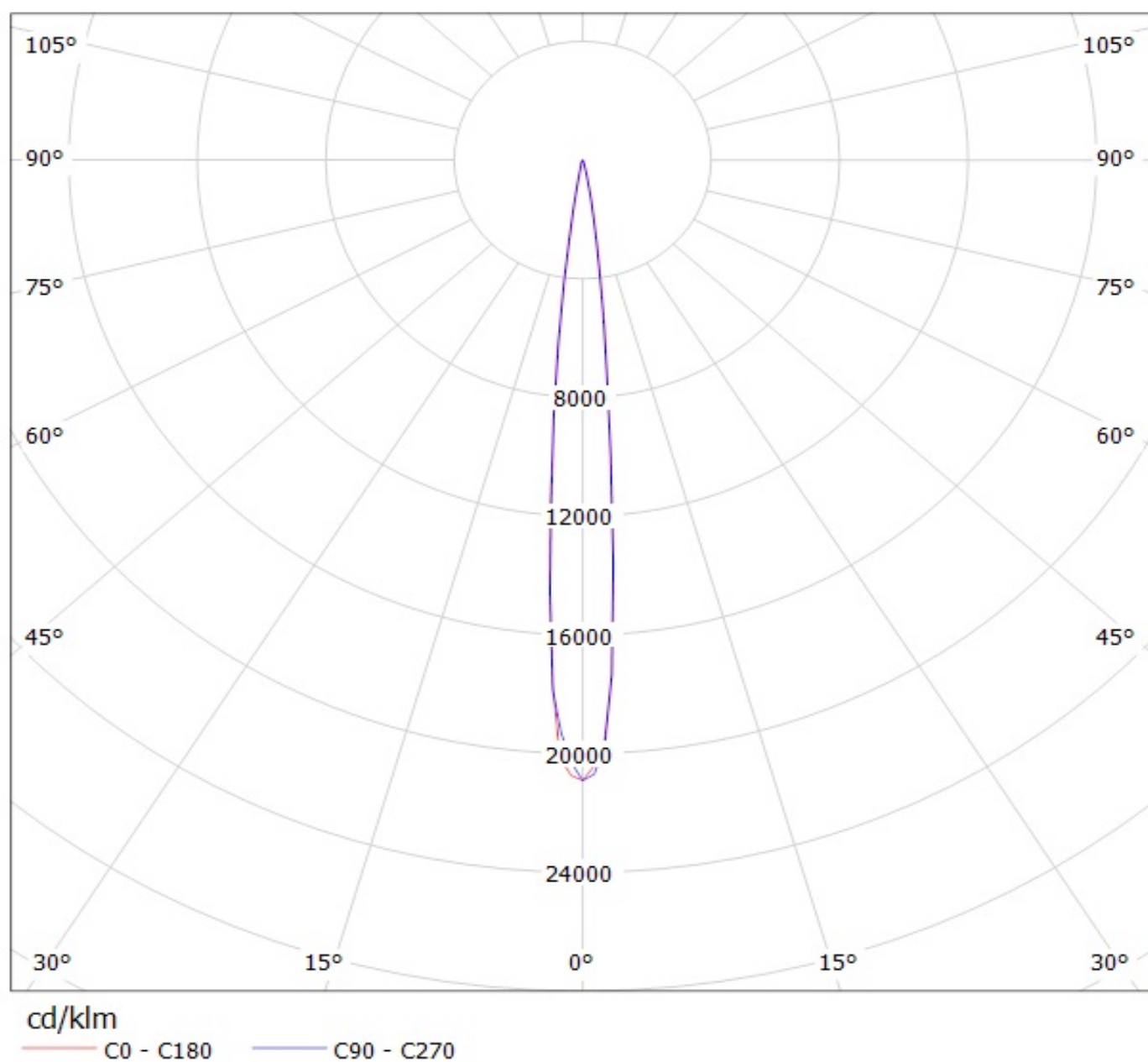
cd/klm

— C0 - C180

— C90 - C270

SIMULATED

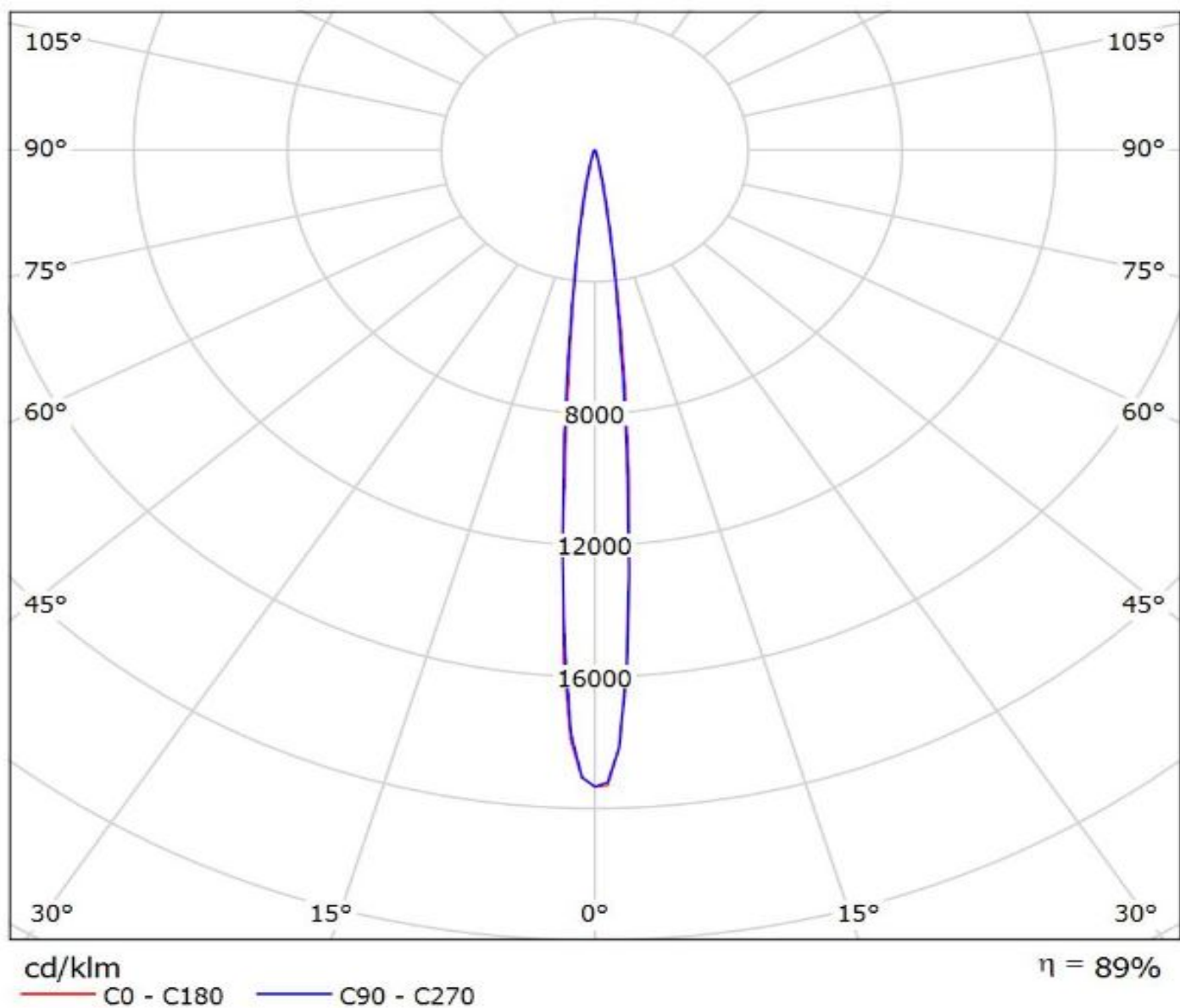
Valaisin: LEDIL OY CA11481_LXP2-RS_(XP-G2) Efficiency=94%
Lamput: 1 x Cree XP-G2 (109.1lm @ 250mA)



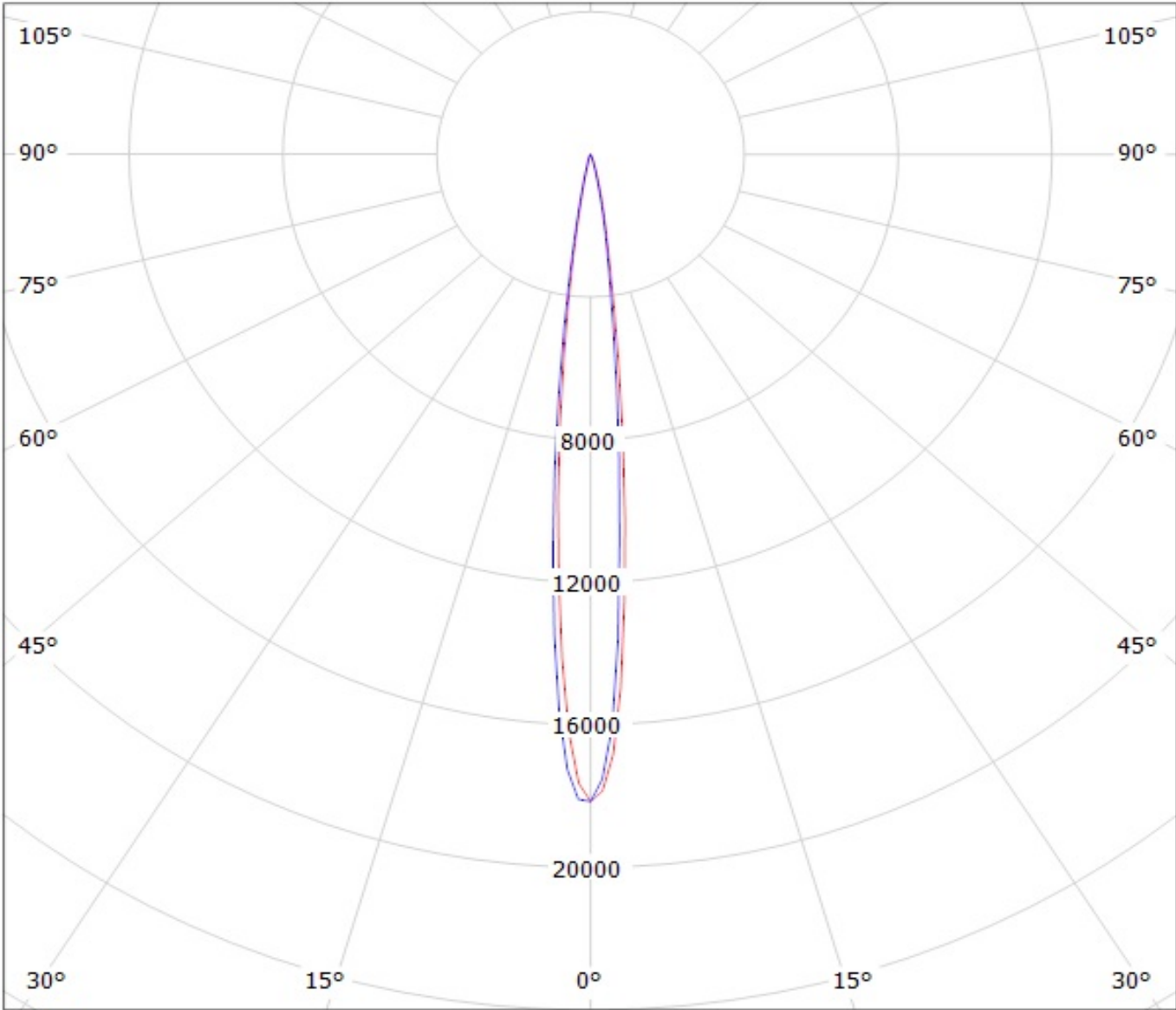
Ledil CA11481_LXP2-RS_(XP-L_HI) / LDC (Polar)

Luminaire: Ledil CA11481_LXP2-RS_(XP-L_HI)

Lamps: 1 x CREE_XP-L_HI_116.97lm@250mA_P=0.75W_I=0.25A



Luminaire: Ledil Oy CA11481_LXP2-RS_(3535_Ceramic_gen2) Efficiency=88%
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.