

DETAILS

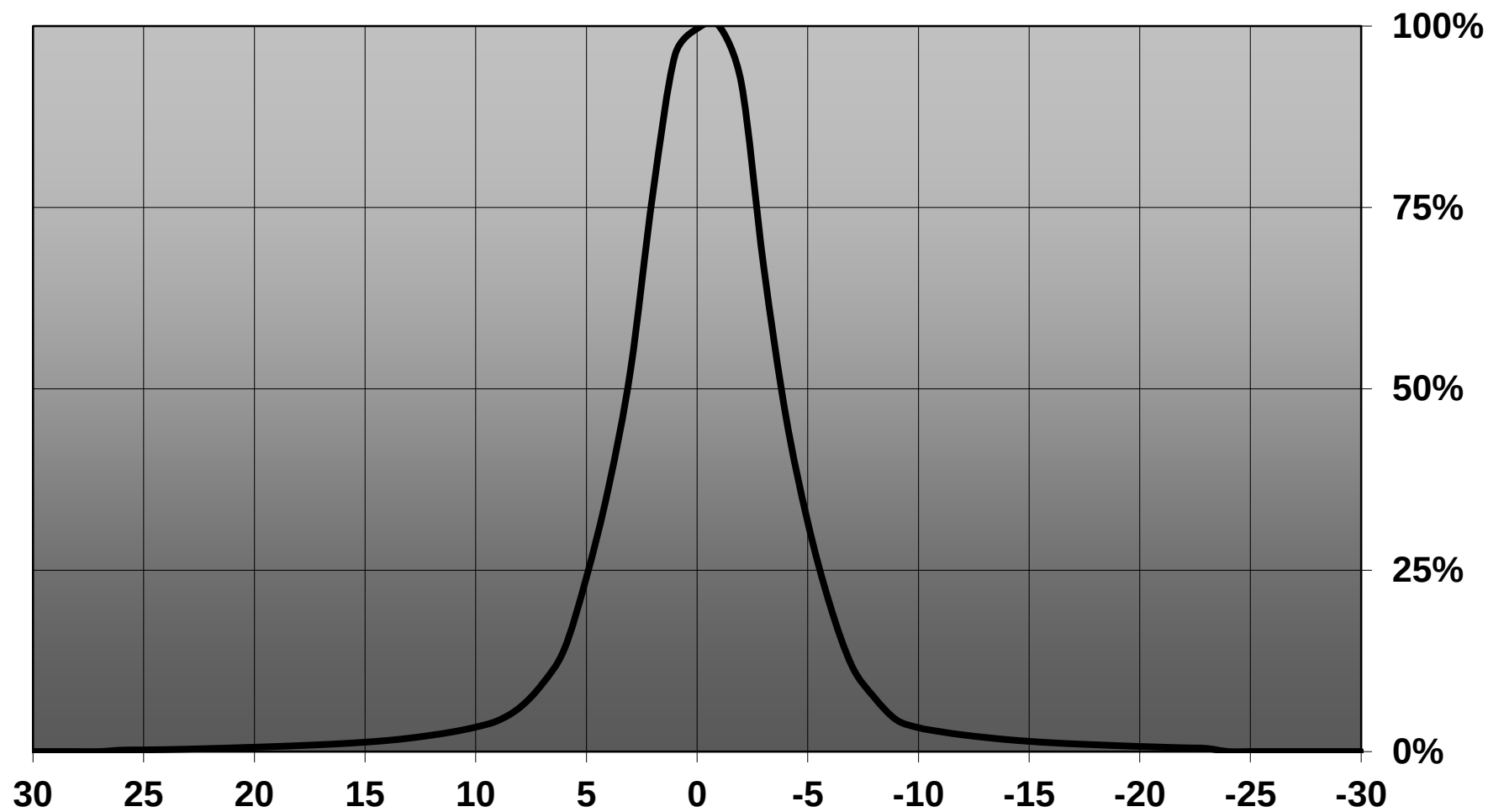
Product Number	CA14506_G2-LXP2-RS2
Family	Leila
Type	Assembly
Color	black
Diameter	21,8 mm
Height	14,7 mm
Style	round
Optic Material	PMMA
Holder Material	PC
Fastening	tape
Status	production ready
ROHS Compliant	Yes
Date Updated	22/01/2016

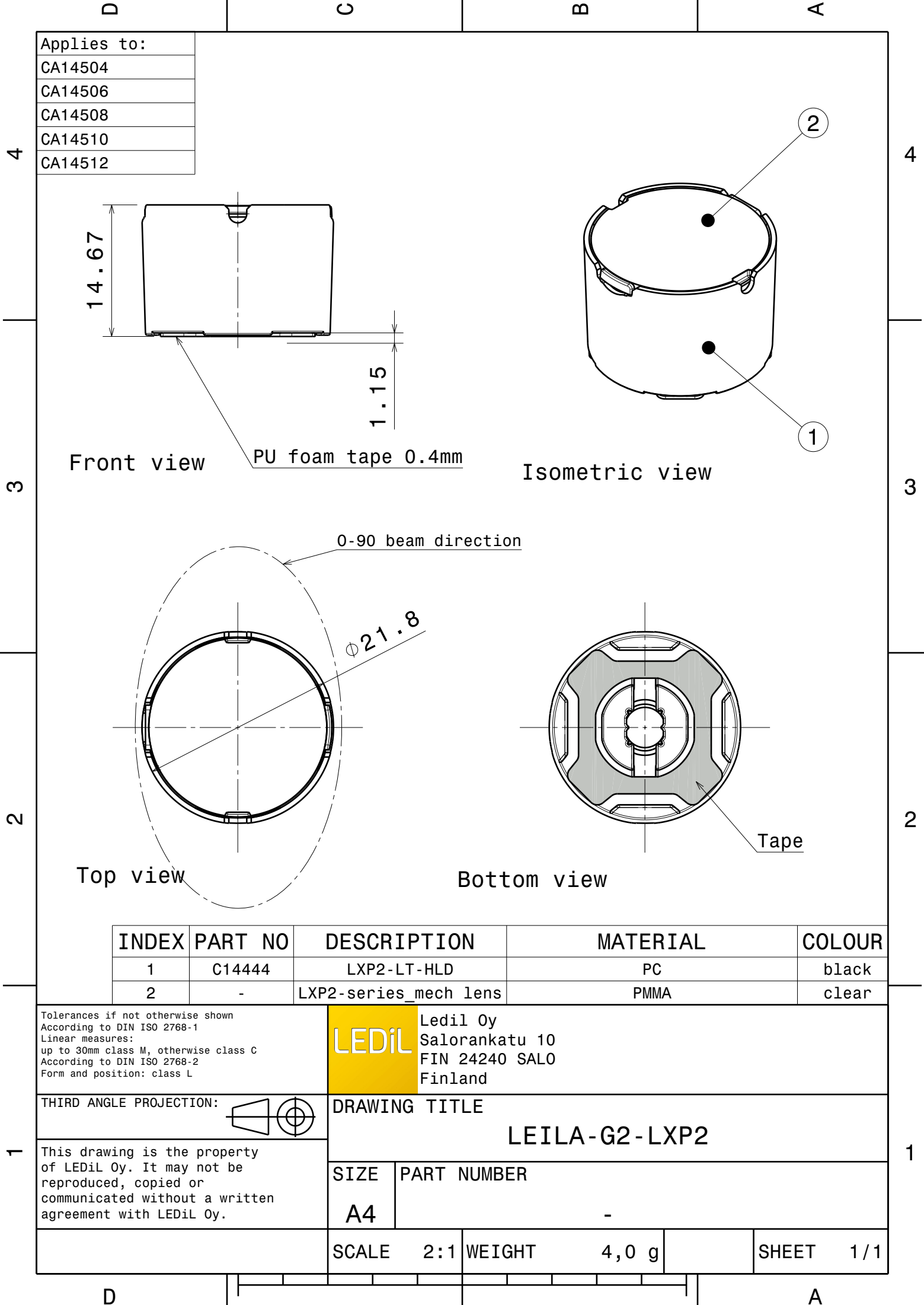


OPTICAL PROPERTIES

LED	Viewing	Light	Effi-		Connector
	Angle	Beam	ciency	cd/lm	
XP-E2	sim: 10	RS2-class	sim: 94 %	sim: 24.600-	
Z5P	sim: 8	RS2-class	sim: 92 %	sim: 26.500-	
Z5M1/Z5M2	sim: 10	RS2-class	sim: 93 %	sim: 20.500-	
LH351B	sim: 10	RS2-class	sim: 91 %	sim: 17.200-	
LH351A(3535)	sim: 9	RS2-class	sim: 91 %	sim: 21.600-	
H35C1 (LEMWA33)	sim: 10	RS2-class	sim: 92 %	sim: 19.400-	
XP-G2	sim: 10	RS2-class	sim: 93 %	sim: 22.400-	
XT-E	sim: 9,5	RS2-class	sim: 92 %	sim: 19.900-	
NVSxx19B/NVSxx19C	sim: 11	RS2-class	sim: 88 %	sim: 15.000-	
XP-E	7.0 deg	RS2-class	88 %	34.650	-
XP-L HI	8 deg	RS2-class	89 %	20.100	-
XP-L	14 deg	RS2-class	88 %	9.500	-

Relative intensity of CA14506_G2-LXP2-RS2_(XP-E)

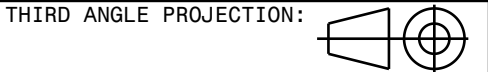




INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	C14444	LXP2-LT-HLD	PC	black
2	-	LXP2-series_mech lens	PMMA	clear

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

LEDiL Ledil Oy
Salorankatu 10
FIN 24240 SALO
Finland



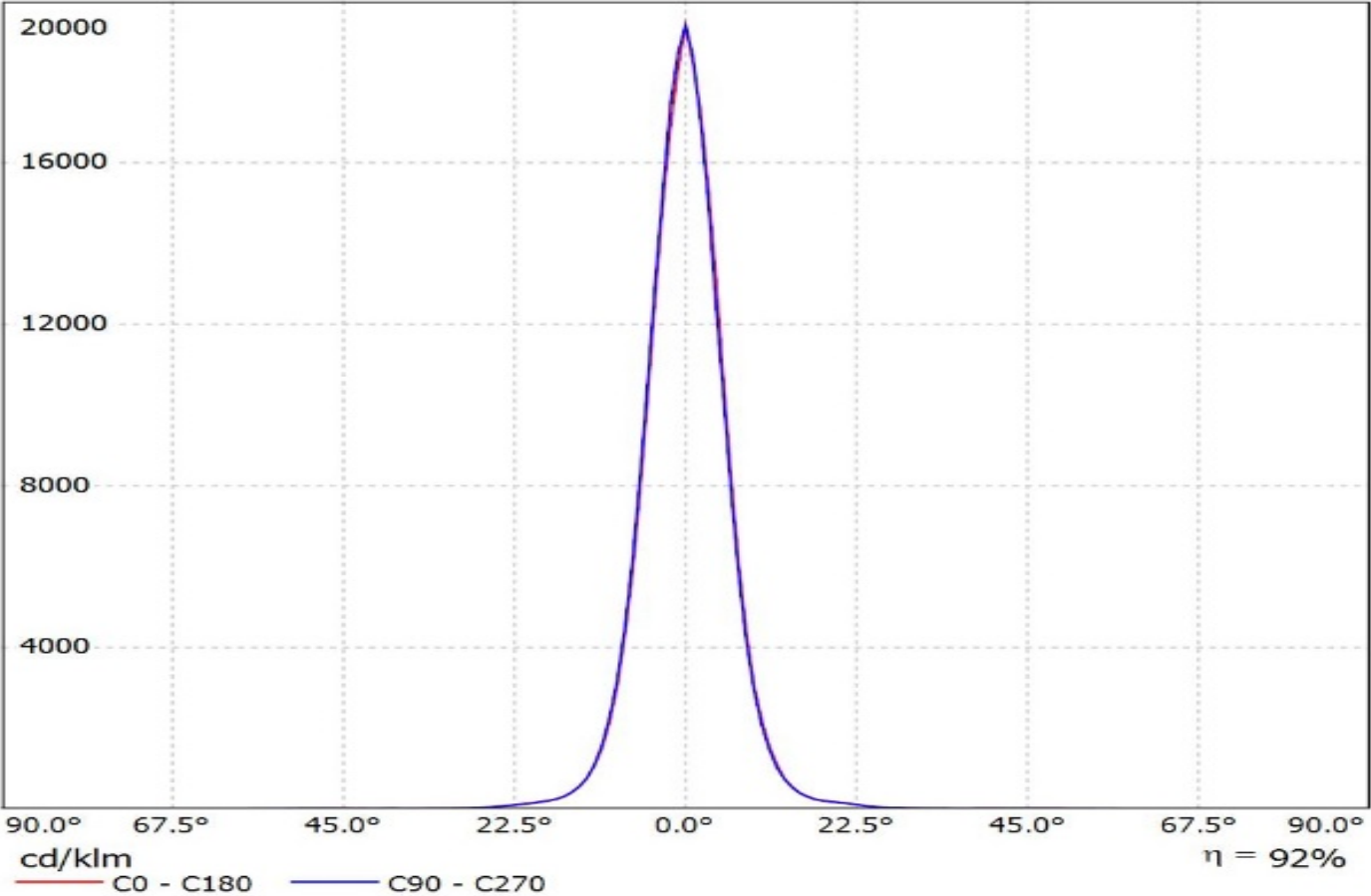
DRAWING TITLE
LEILA-G2-LXP2

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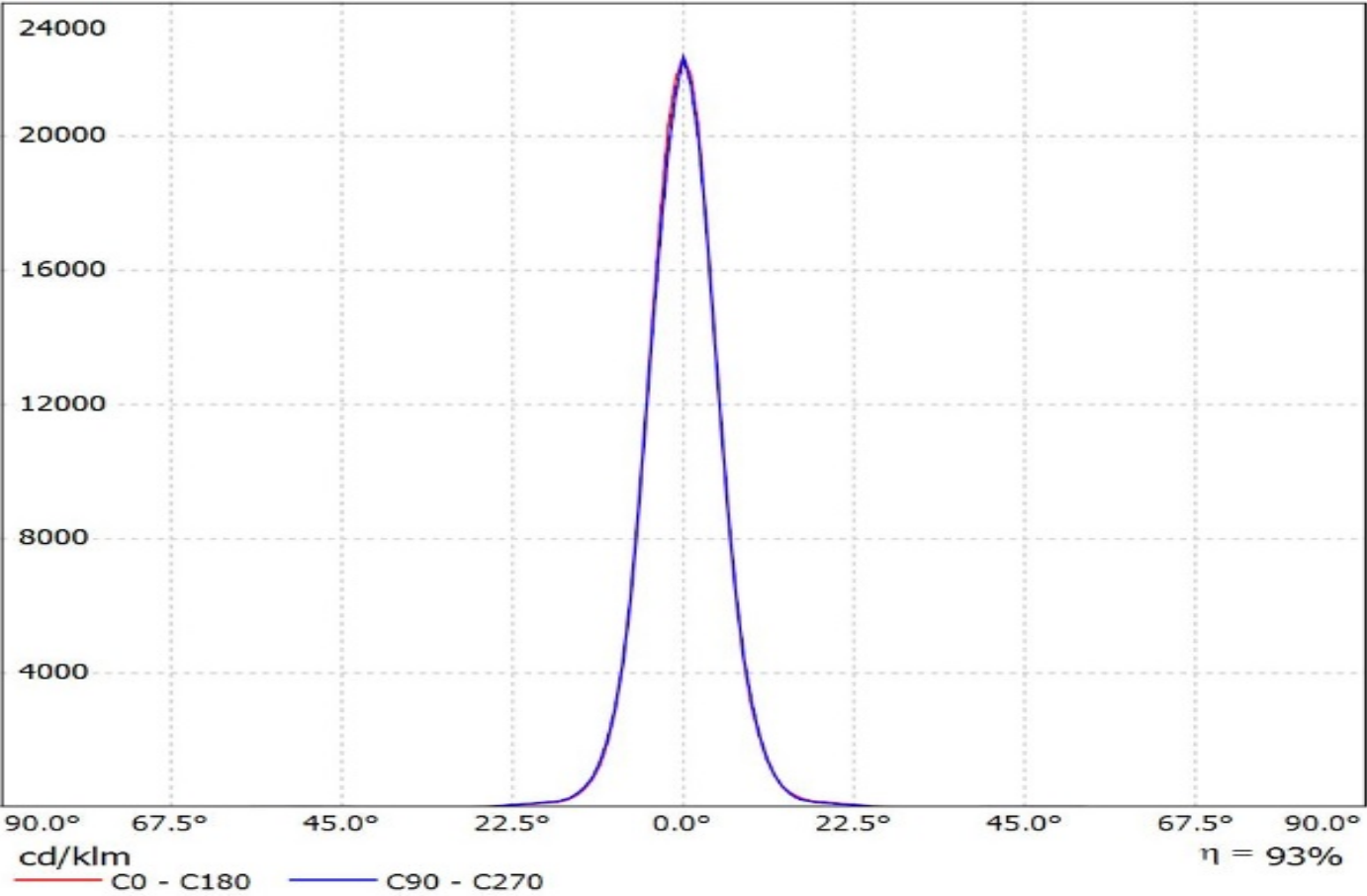
SIZE	PART NUMBER
A4	-

SCALE	2:1	WEIGHT	4,0 g	SHEET	1 / 1
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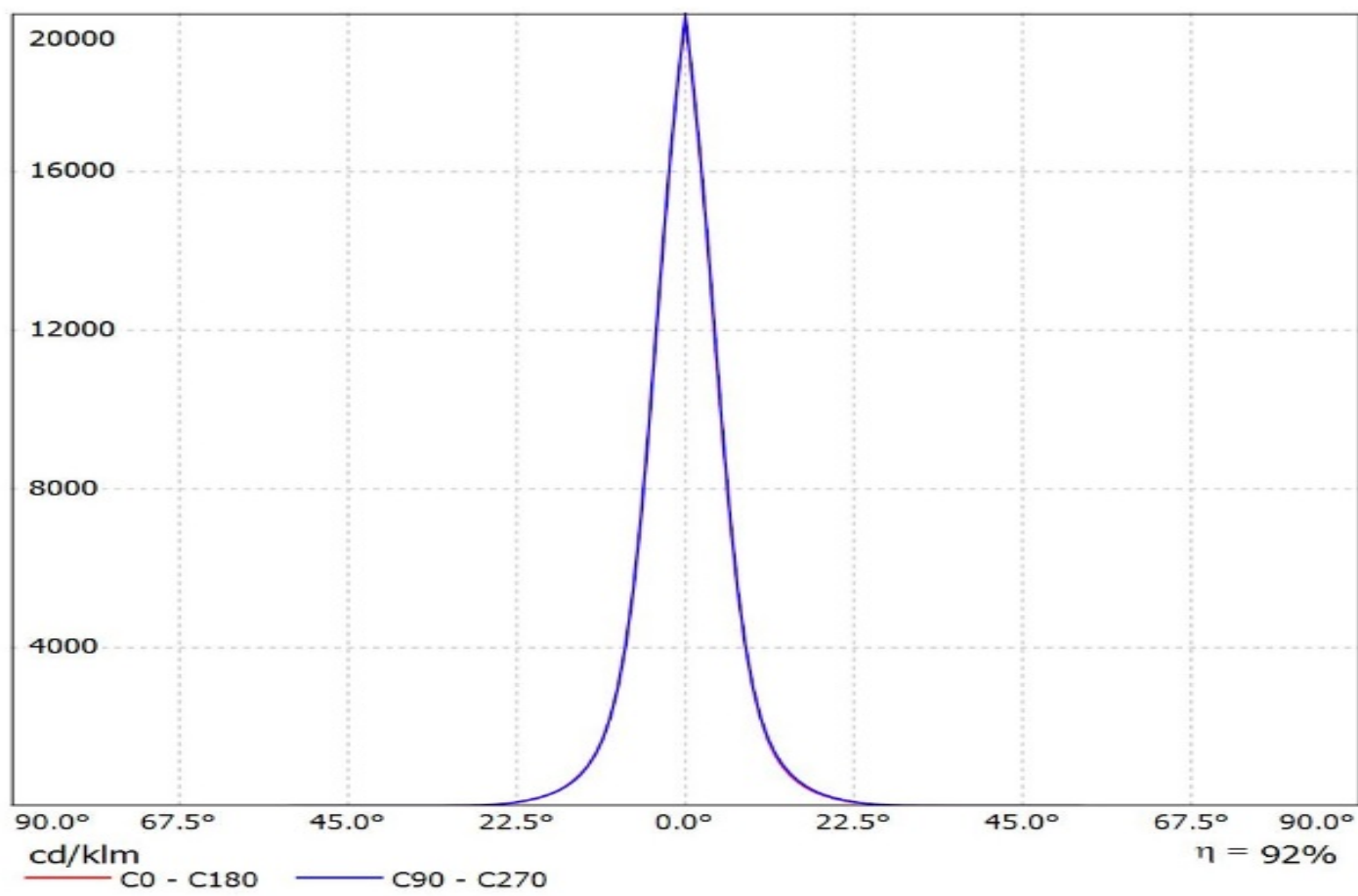
Luminaire: Ledil Oy CA14506_G2-LXP2-RS2_(LG_H35C1)_SIMULATED
Lamps: 1 x LG H35C1



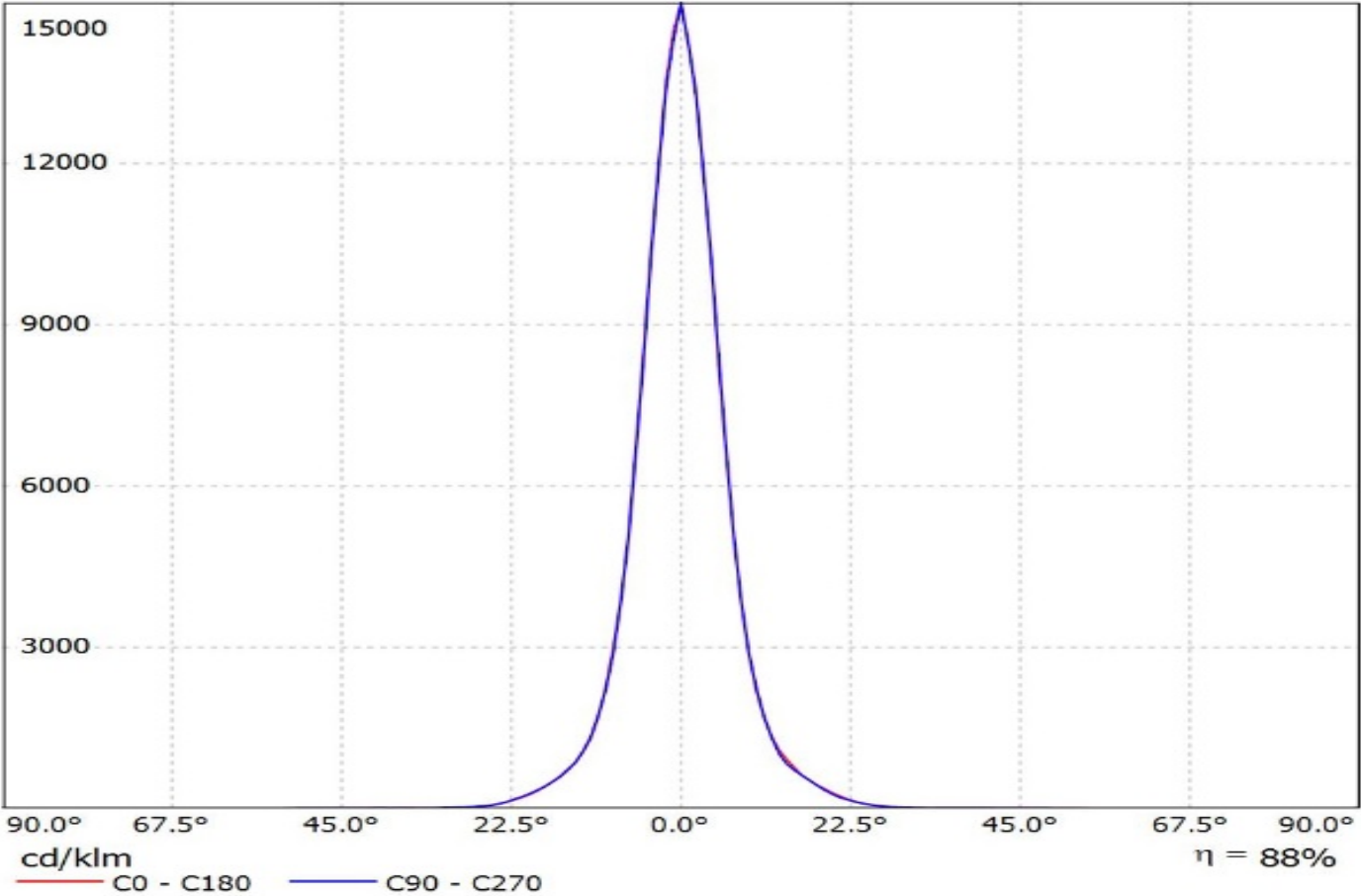
Luminaire: Ledil Oy CA14506_G2-LXP2-RS2_(XP-G2)_SIMULATED
Lamps: 1 x Cree XP-G2



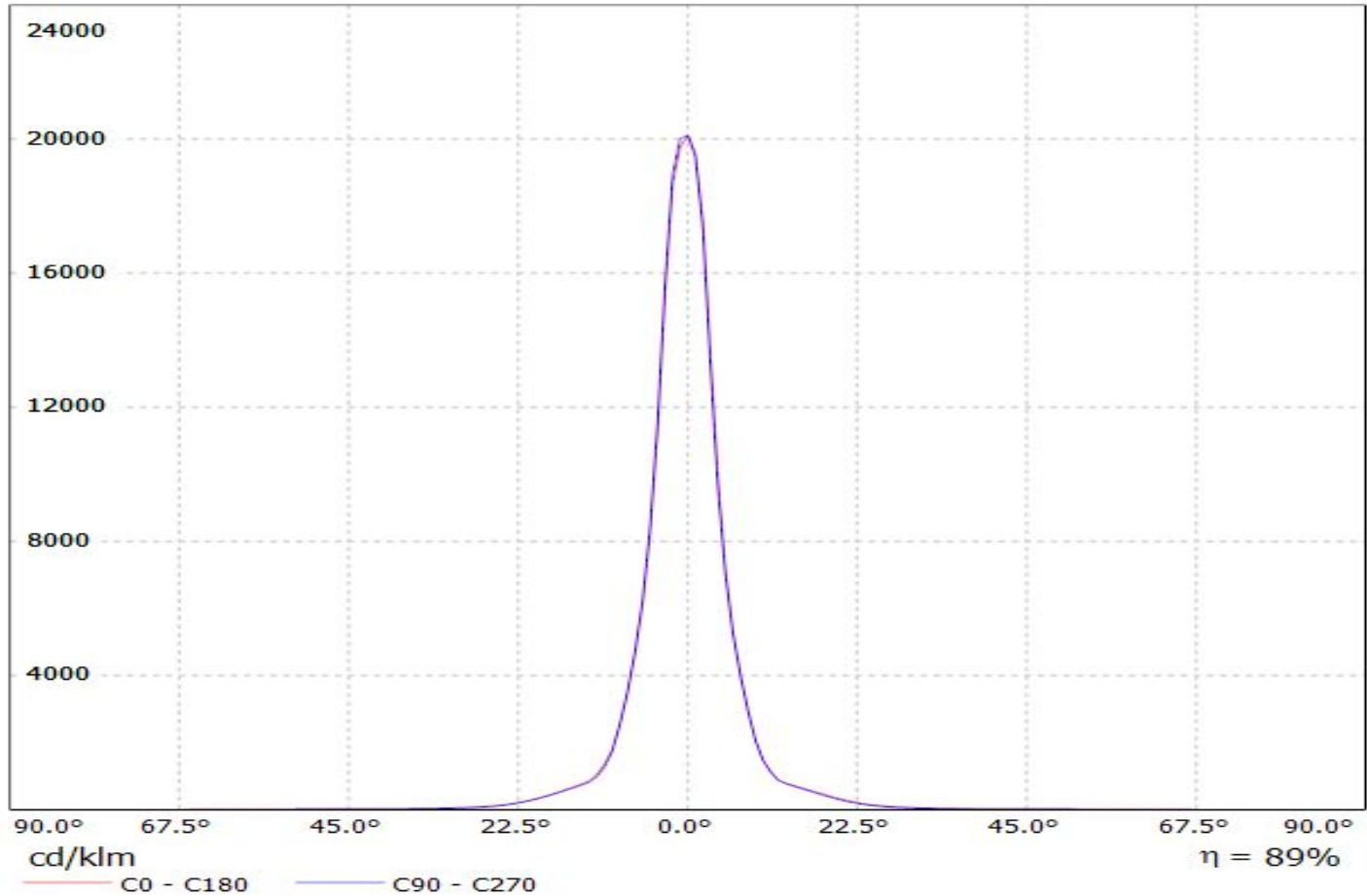
Luminaire: Ledil Oy CA14506_G2-LXP2-RS2_XTE_SIMULATED
Lamps: 1 x



Luminaire: Ledil Oy CA14506_G2-LXP2-RS2_(NVSxx19B)_SIMULATED
Lamps: 1 x Nichia NVSxx19V (NVSW219B)

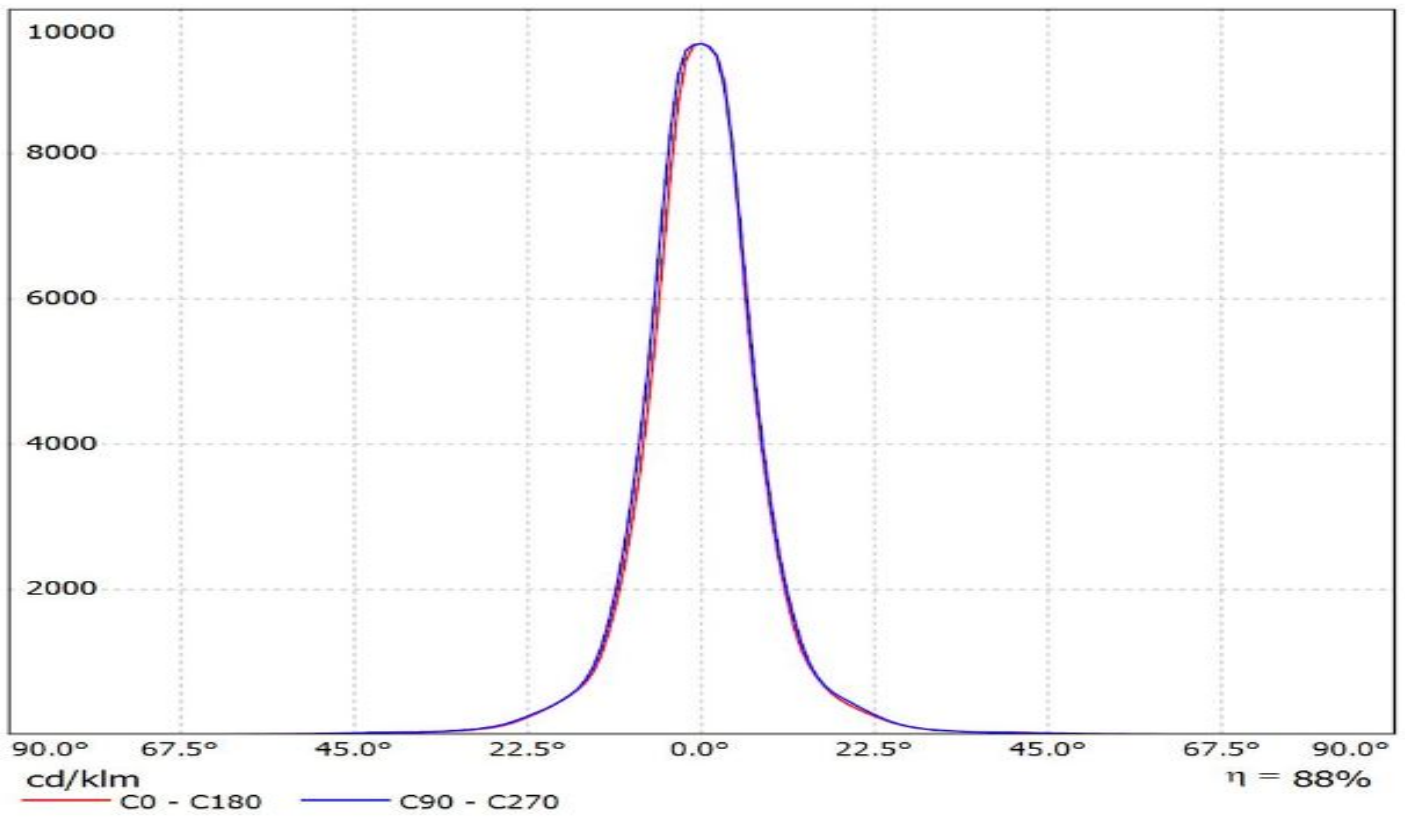


Luminaire: Ledil CA14506_G2-LXP2-RS2_(XP-L_HI)
Lamps: 1 x CREE_XP-L_HI_116.971lm@250mA_P=0.75W_I=0.25A

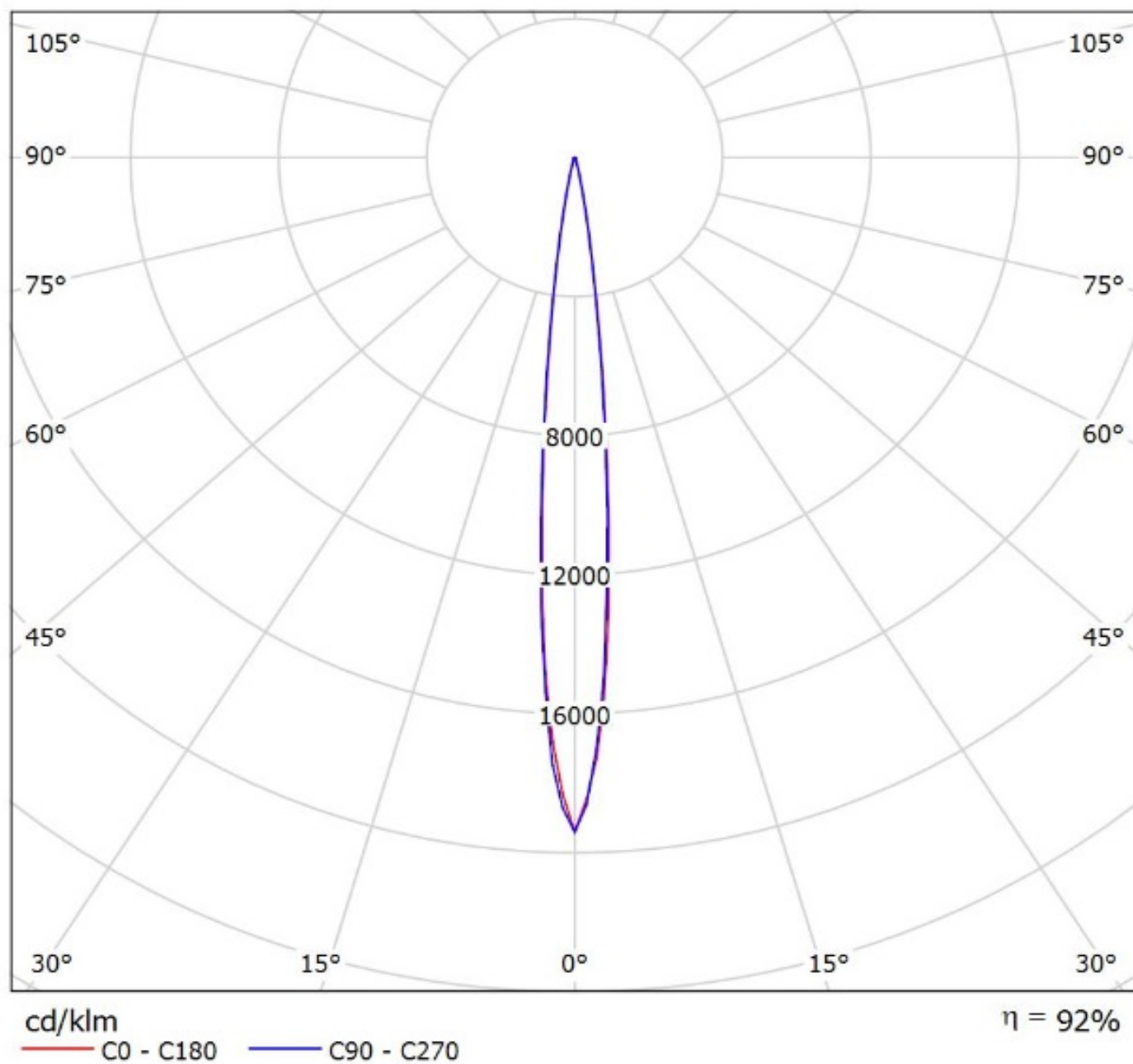


Ledil CA14506_G2-LXP2-RS2_(XP-L) / LDC (Linear)

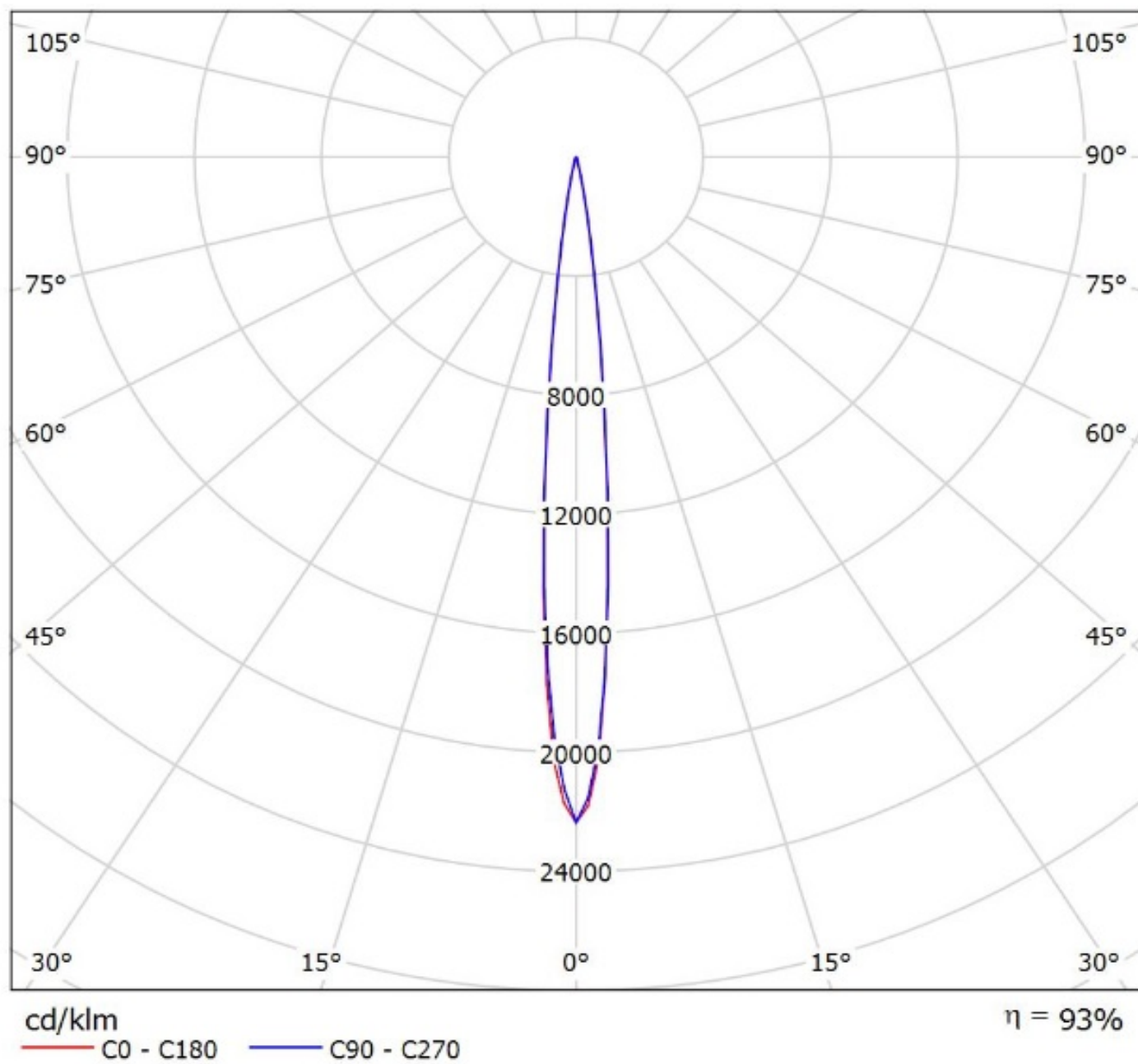
Luminaire: Ledil CA14506_G2-LXP2-RS2_(XP-L)
Lamps: 1 x CREE_XP-L_(XPLAWT-0-7A3-U50-0H-0001)
_107.852lm@250mA_CCT=3185K_P=0.7W_I=0.25A



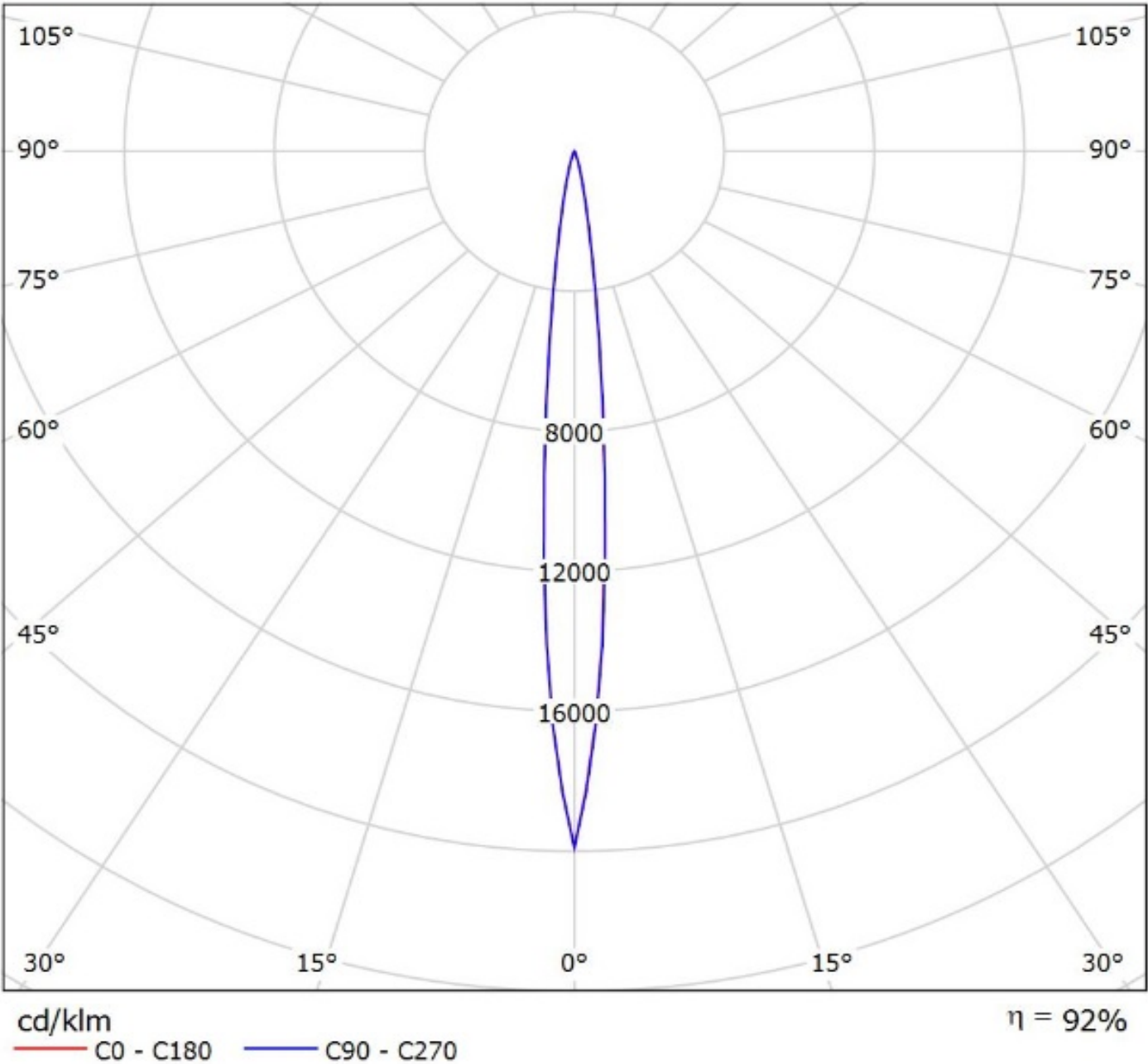
Luminaire: Ledil Oy CA14506_G2-LXP2-RS2_(LG_H35C1)_SIMULATED
Lamps: 1 x LG H35C1



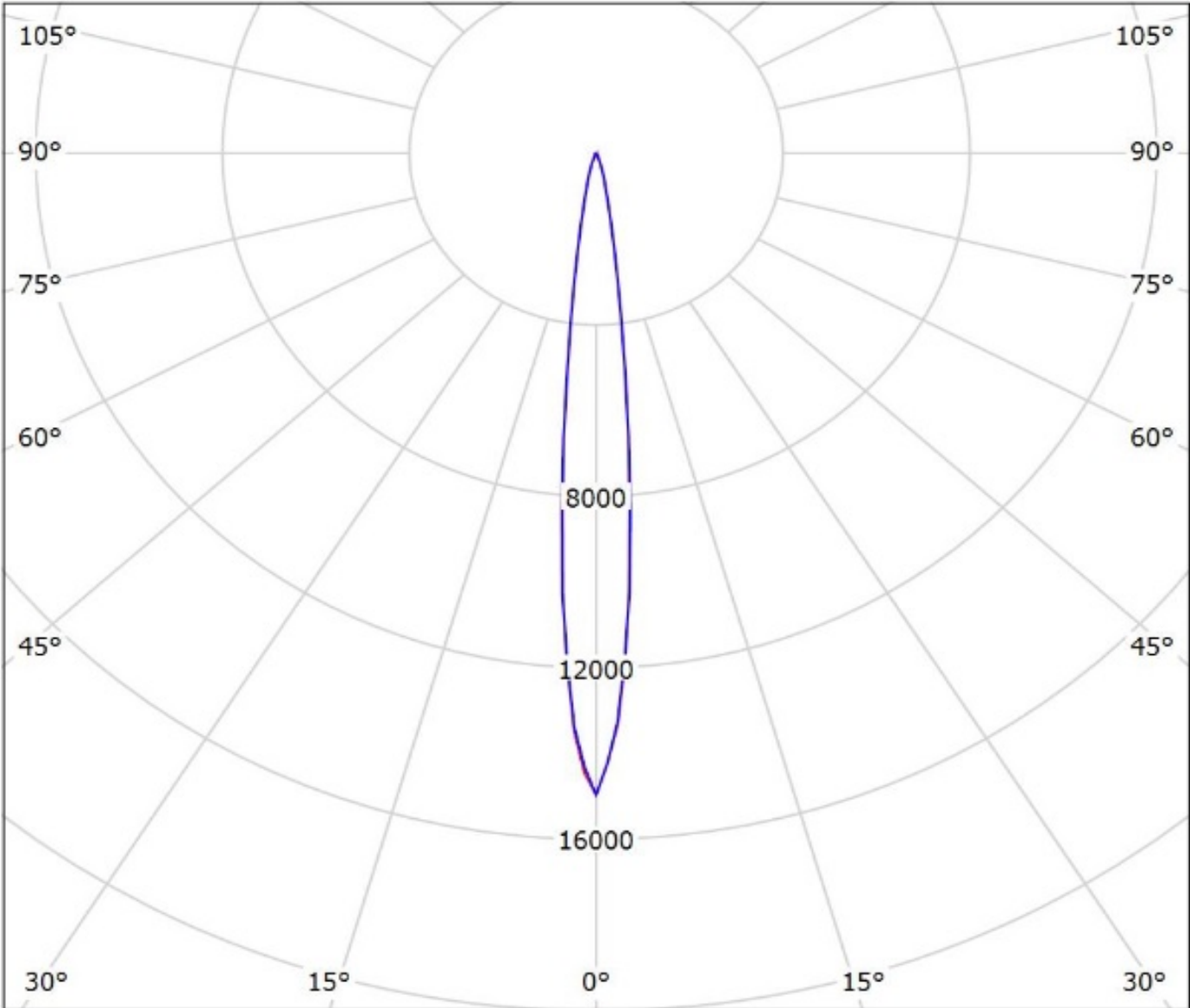
Luminaire: Ledil Oy CA14506_G2-LXP2-RS2_(XP-G2)_SIMULATED
Lamps: 1 x Cree XP-G2



Luminaire: Ledil Oy CA14506_G2-LXP2-RS2_XTE_SIMULATED
Lamps: 1 x



Luminaire: Ledil Oy CA14506_G2-LXP2-RS2_(NVSxx19B)_SIMULATED
Lamps: 1 x Nichia NVSxx19V (NVSW219B)

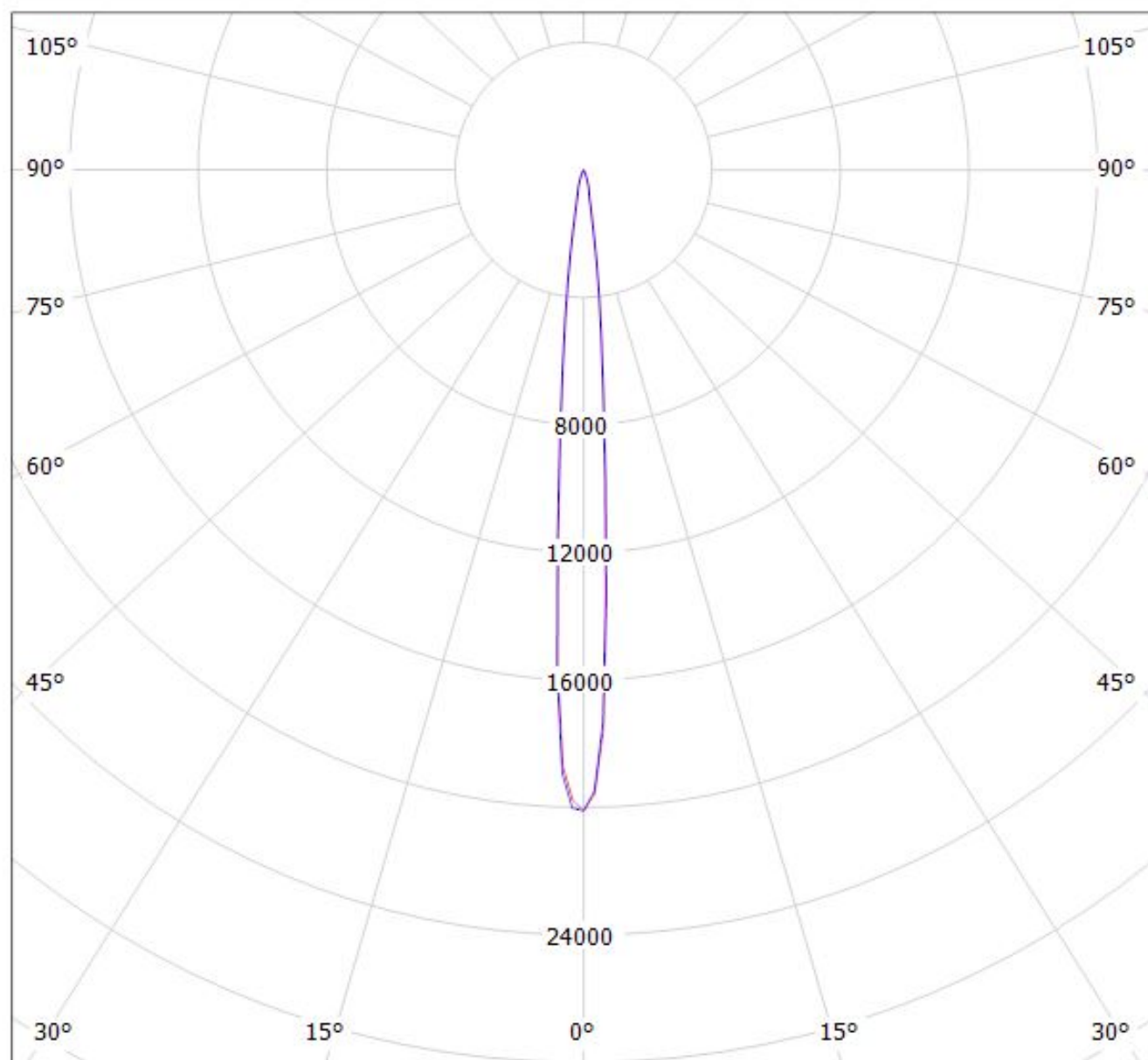


cd/klm
C0 - C180 C90 - C270

$\eta = 88\%$

Luminaire: Ledil CA14506_G2-LXP2-RS2_(XP-L_HI)

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



cd/klm

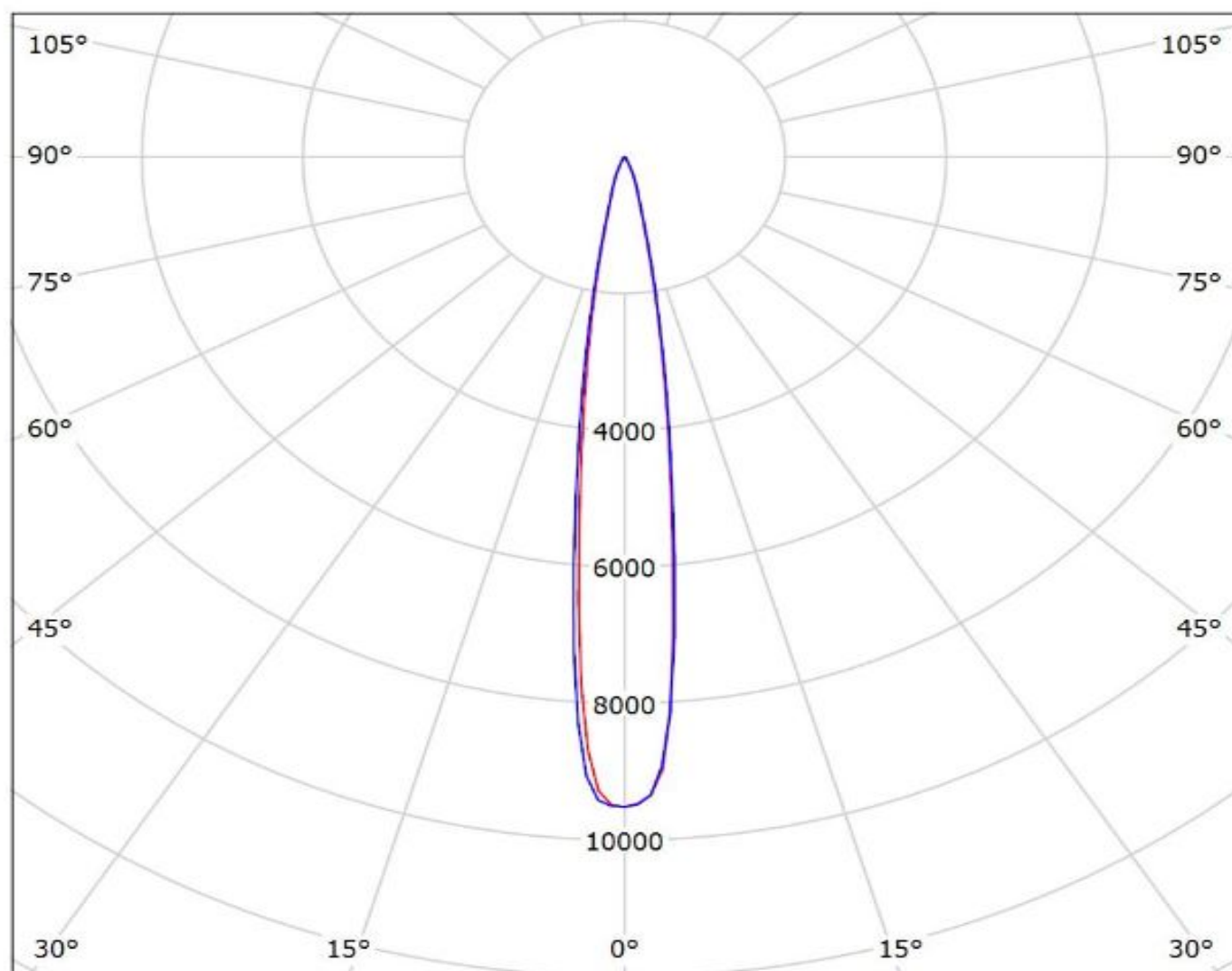
$\eta = 89\%$

— C0 - C180

— C90 - C270

Ledil CA14506_G2-LXP2-RS2_(XP-L) / LDC (Polar)

Luminaire: Ledil CA14506_G2-LXP2-RS2_(XP-L)
Lamps: 1 x CREE_XP-L_(XPLAWT-0-7A3-U50-0H-0001)
_107.852lm@250mA_CCT=3185K_P=0.7W_I=0.25A



cd/klm

— C0 - C180

— C90 - C270

$\eta = 88\%$

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.