

**Product number CA11481_LXP2-RS**

Family	Leila	FWHM	7 degrees
Type	Assembly	Efficiency	94 %
LED	XP-E	cd/Im	-
Color	Black	Gerber File	Available
Diameter	21.6 mm		
Height	14.7 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	["tape"]		
Status	Production ready		

**Product number CA14505_G2-LXP2-RS2-P**

Family	Leila	FWHM	7.0 degrees
Type	Assembly	Efficiency	88 %
LED	XP-E	cd/Im	34.650
Color	Black	Gerber File	Available
Diameter	21.8 mm		
Height	14.7 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	["pin", "tape"]		
Status	Production ready		

**Product number CA14506_G2-LXP2-RS2**

Family	Leila	FWHM	7.0 degrees
Type	Assembly	Efficiency	88 %
LED	XP-E	cd/Im	34.650
Color	Black	Gerber File	Available
Diameter	21.8 mm		
Height	14.7 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	["tape"]		
Status	Production ready		

**Product number CA11484_LXP2-O-90**

Family	Leila	FWHM	9+41 degrees
Type	Assembly	Efficiency	89 %
LED	XP-E	cd/Im	5.800
Color	Black	Gerber File	Available
Diameter	21.6 mm		
Height	14.7 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	["tape"]		
Status	Production ready		

**Product number CA14507_G2-LXP2-D-P**

Family	Leila	FWHM	9.7 degrees
Type	Assembly	Efficiency	88 %
LED	XP-E	cd/Im	19.850
Color	Black	Gerber File	Available
Diameter	21.8 mm		
Height	14.7 mm		
Style	Round		
Optic Material	-		
Holder Material	-		
Fastening	["tape", "pin"]		
Status	Production ready		

**Product number CA14508_G2-LXP2-D**

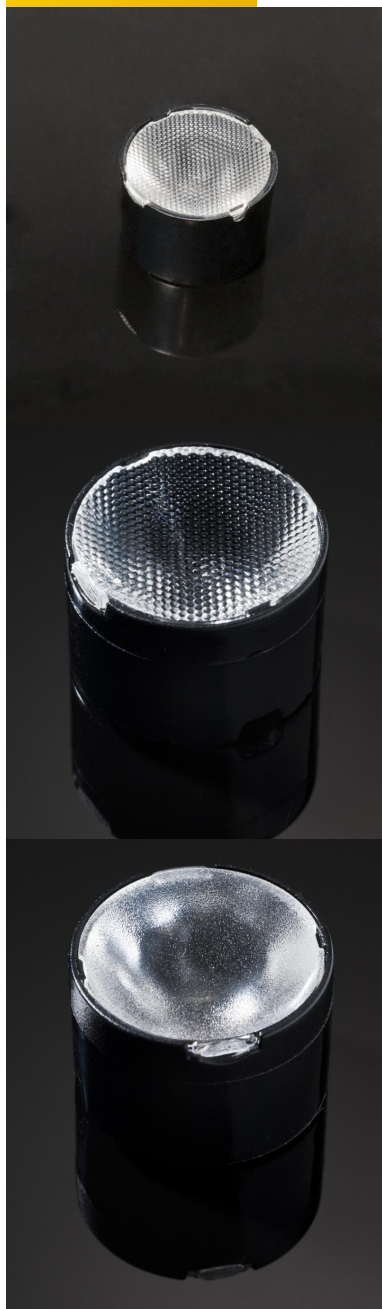
Family	Leila	FWHM	9.7 degrees
Type	Assembly	Efficiency	88 %
LED	XP-E	cd/Im	19.850
Color	Black	Gerber File	Available
Diameter	21.8 mm		
Height	14.7 mm		
Style	Round		
Optic Material	-		
Holder Material	-		
Fastening	["tape"]		
Status	Production ready		

**Product number CA11482_LXP2-D**

Family	Leila	FWHM	14 degrees
Type	Assembly	Efficiency	92 %
LED	XP-E	cd/Im	-
Color	Black	Gerber File	Available
Diameter	21.6 mm		
Height	14.7 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	["tape"]		
Status	Production ready		

**Product number CA14509_G2-LXP2-M-P**

Family	Leila	FWHM	22 degrees
Type	Assembly	Efficiency	88 %
LED	XP-E	cd/Im	5.170
Color	Black	Gerber File	Available
Diameter	21.8 mm		
Height	14.7 mm		
Style	Round		
Optic Material	-		
Holder Material	-		
Fastening	["tape", "pin"]		
Status	Production ready		

**Product number CA14510_G2-LXP2-M**

Family	Leila	FWHM	22 degrees
Type	Assembly	Efficiency	88 %
LED	XP-E	cd/Im	5.170
Color	Black	Gerber File	Available
Diameter	21.8 mm		
Height	14.7 mm		
Style	Round		
Optic Material	-		
Holder Material	-		
Fastening	["tape"]		
Status	Production ready		

Product number CA11483_LXP2-M

Family	Leila	FWHM	23 degrees
Type	Assembly	Efficiency	94 %
LED	XP-E	cd/Im	4.600
Color	Black	Gerber File	Available
Diameter	21.6 mm		
Height	14.7 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	["tape"]		
Status	Production ready		

Product number CA12392_LXP2-W

Family	Leila	FWHM	48 degrees
Type	Assembly	Efficiency	90 %
LED	XP-E	cd/Im	1.700
Color	Black	Gerber File	Available
Diameter	21.6 mm		
Height	14.7 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	["tape"]		
Status	Production ready		

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.



PRODUCT DATASHEET

Leila series

last update 10/4/2014

GENERAL INFORMATION

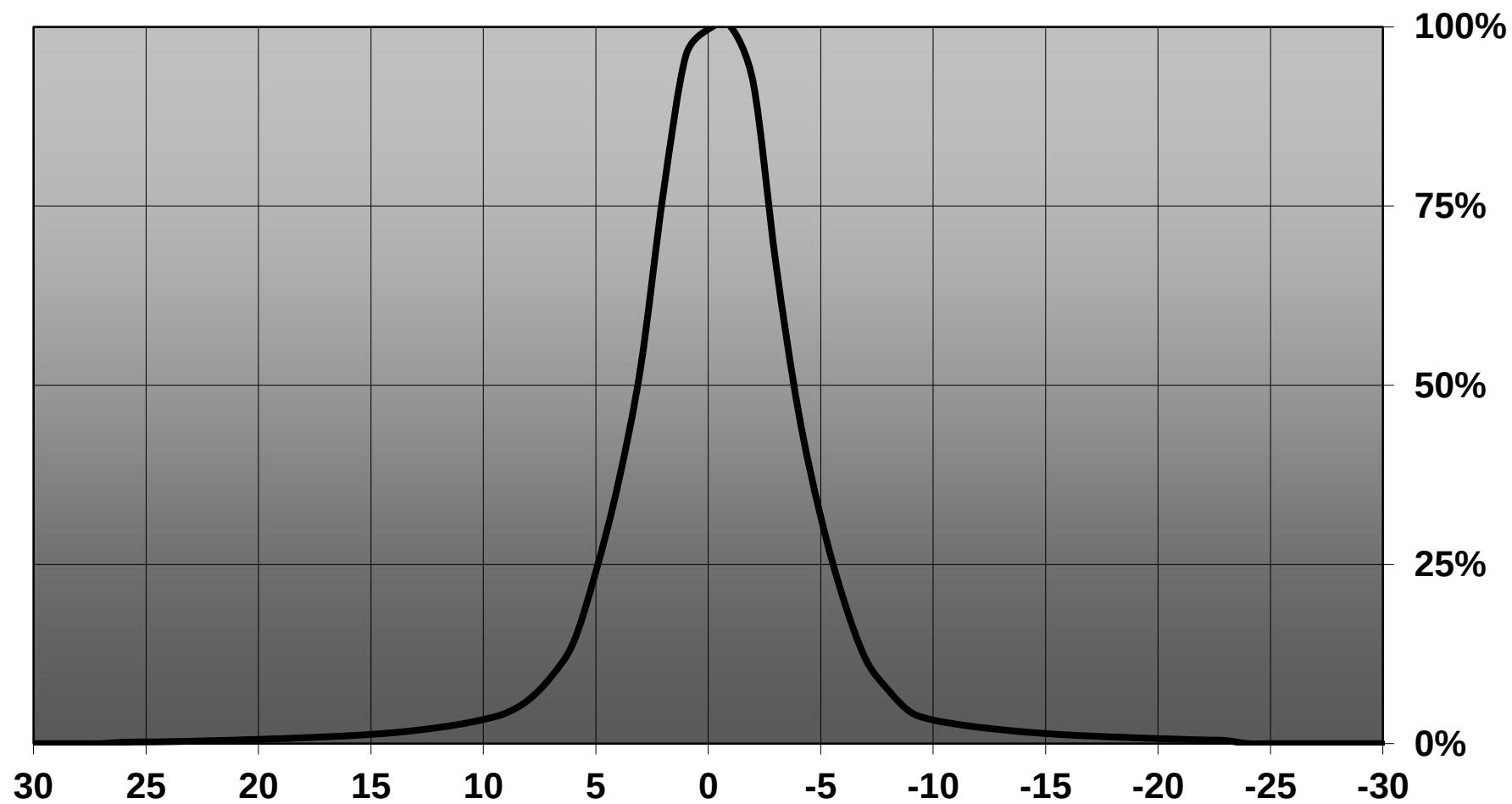
- Product series especially designed & optimized for XP-E series of LEDs.
- Special care taken to make light distribution as uniform as possible.
- Lens material optical grade PMMA with high UV and temperature resistance. Allows use of high current and temperature conditions.

Please find more information about used material from below:

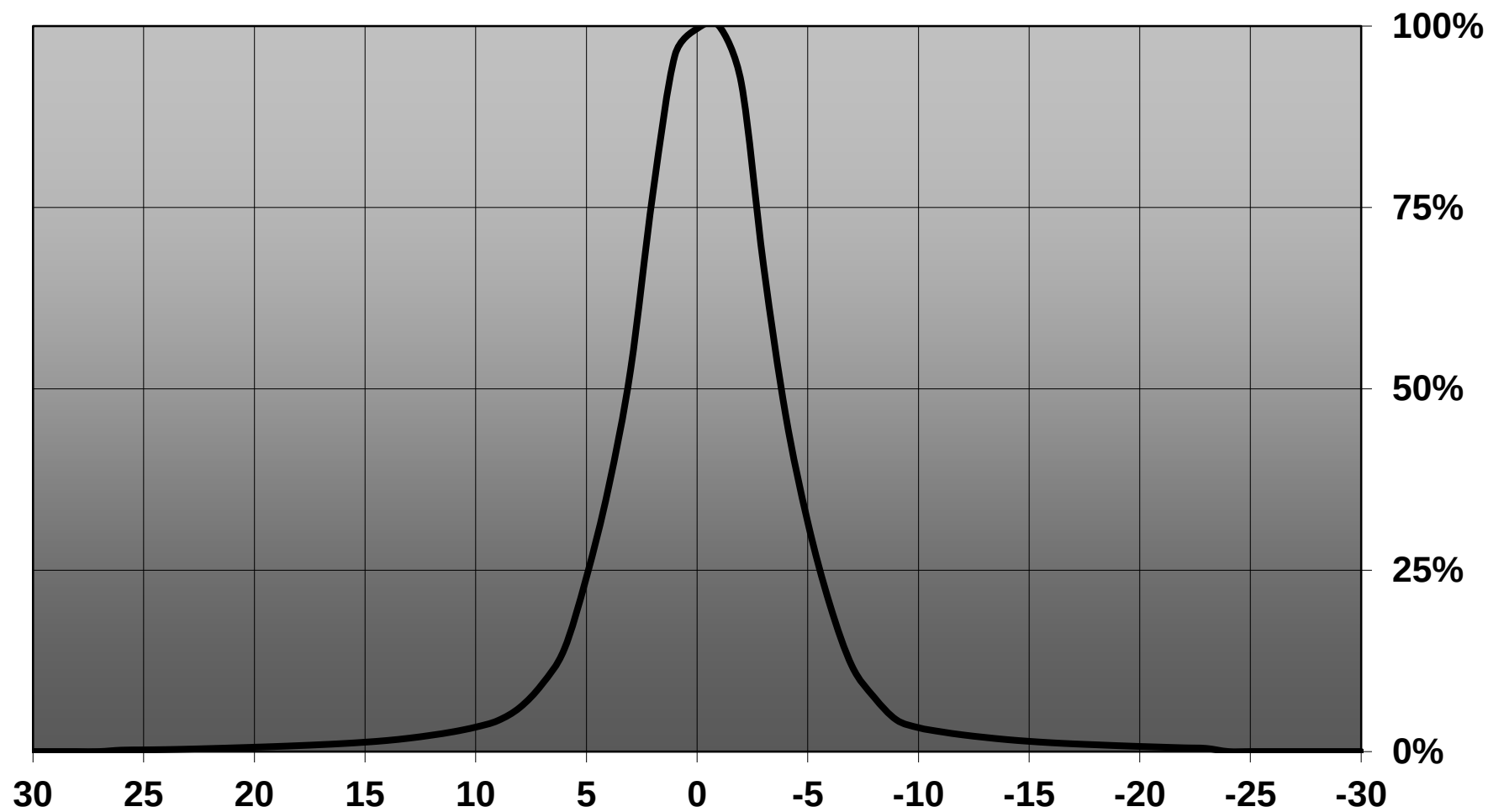
http://ledil.fi/sites/default/files/Documents/Technical/Material/PMMA%20N%20UL94_Yellow%20Card.pdf

<http://ledil.fi/sites/default/files/Documents/Technical/Material/PMMA%20N%20PLEXIGLAS-Datasheet.pdf>

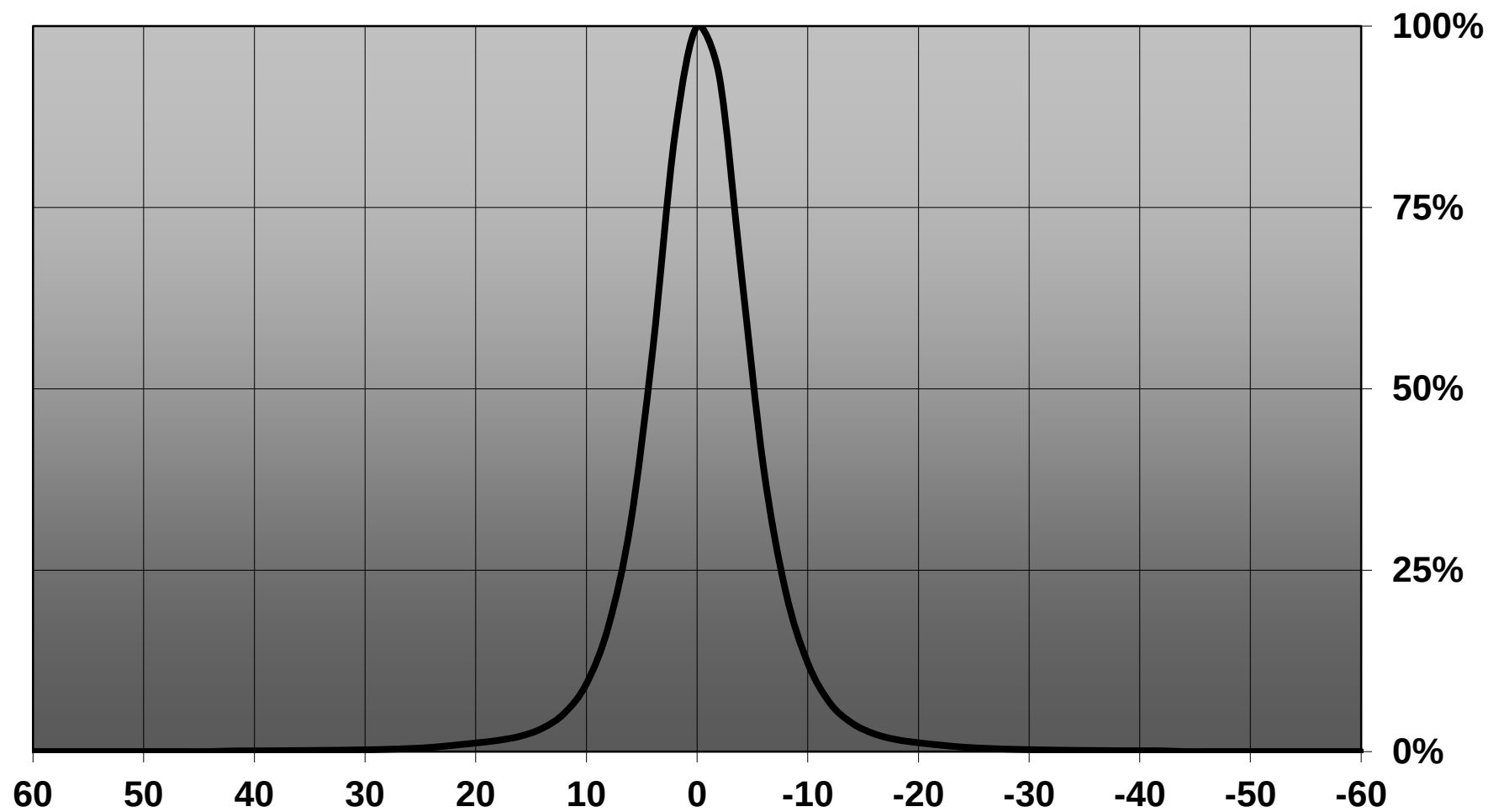
Relative intensity of CA14505_G2-LXP2-RS2-P_(XP-E)



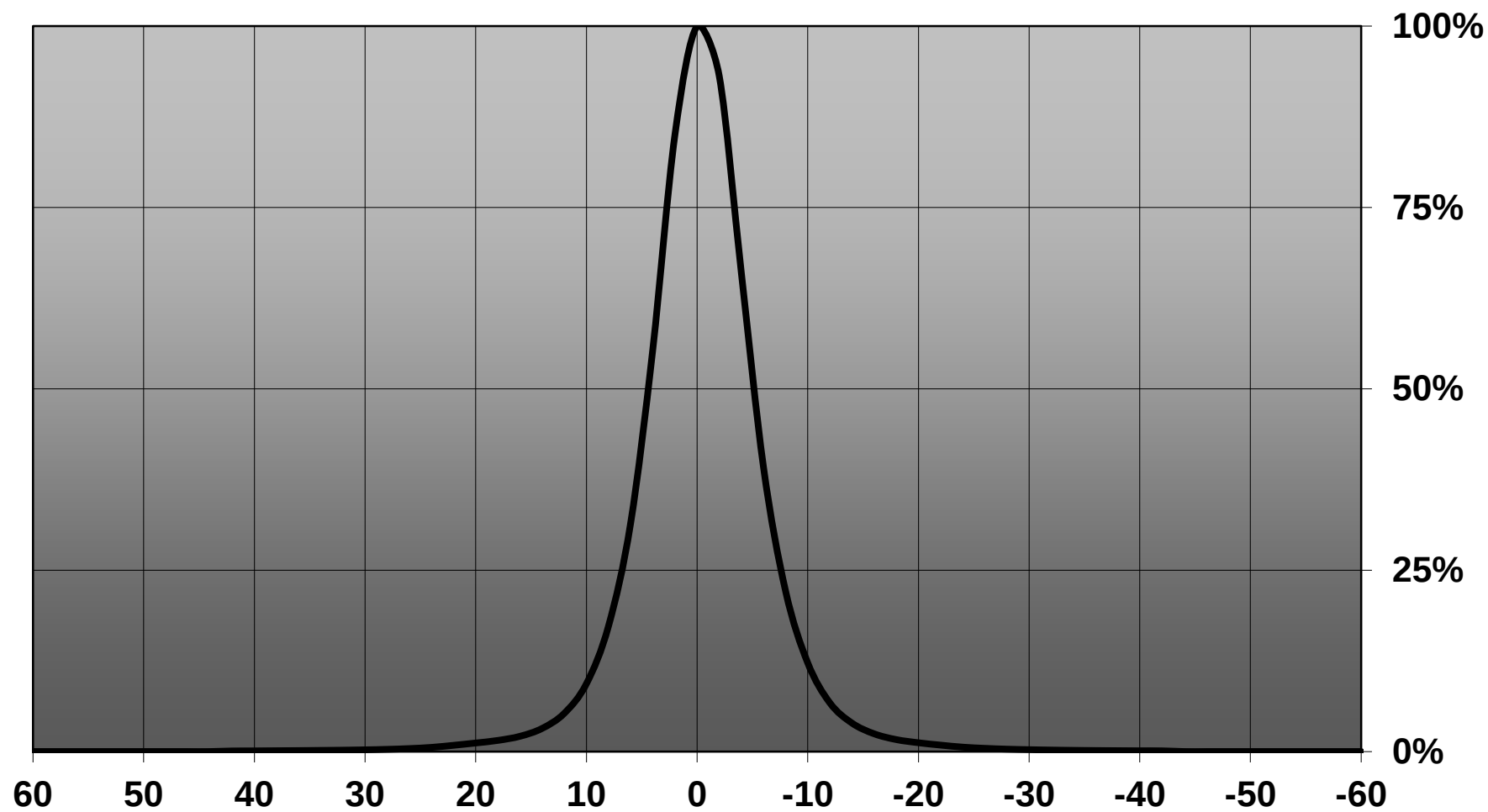
Relative intensity of CA14506_G2-LXP2-RS2_(XP-E)



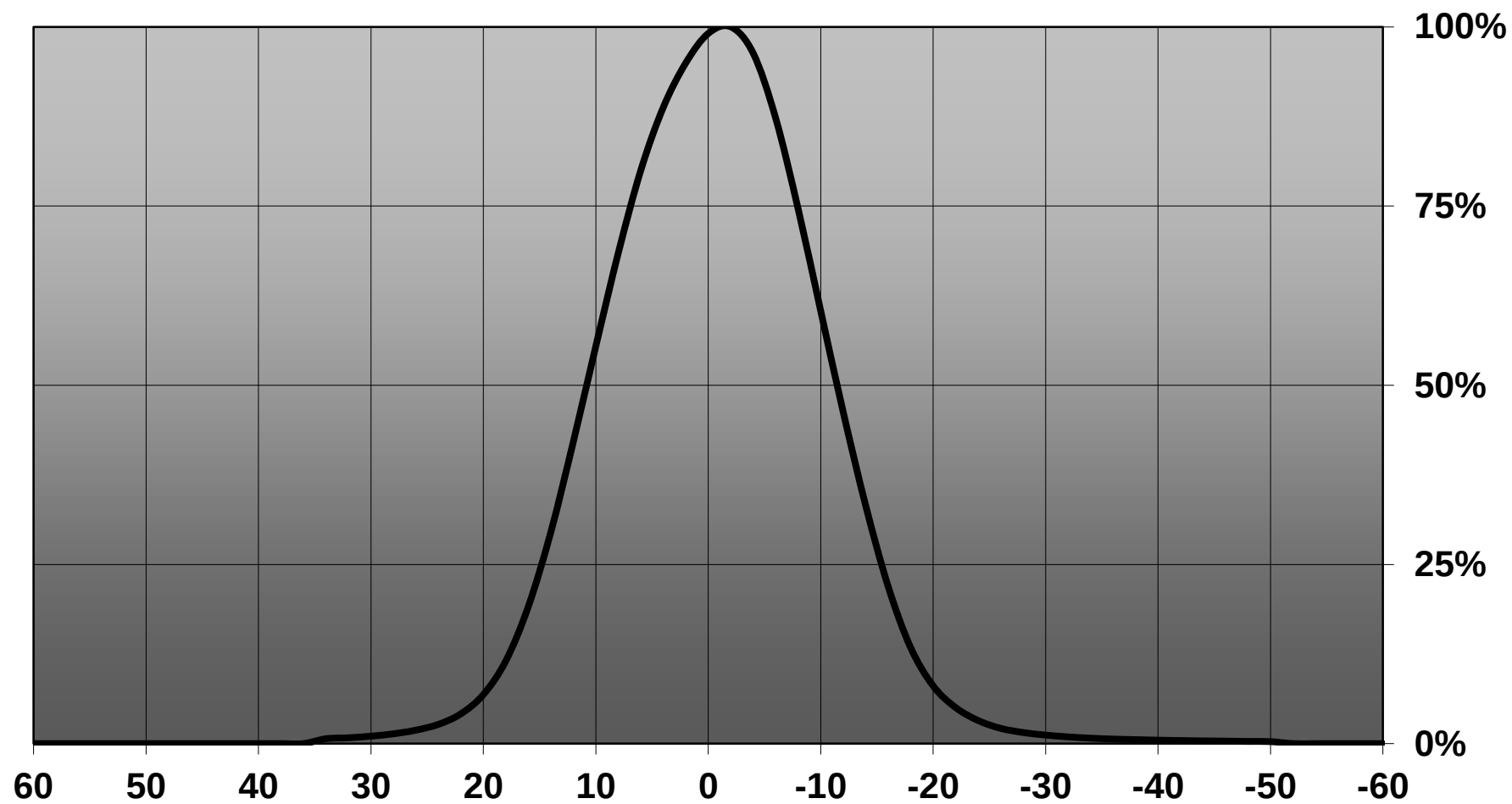
Relative intensity of CA14507_G2-LXP2-D-P_(XP-E)



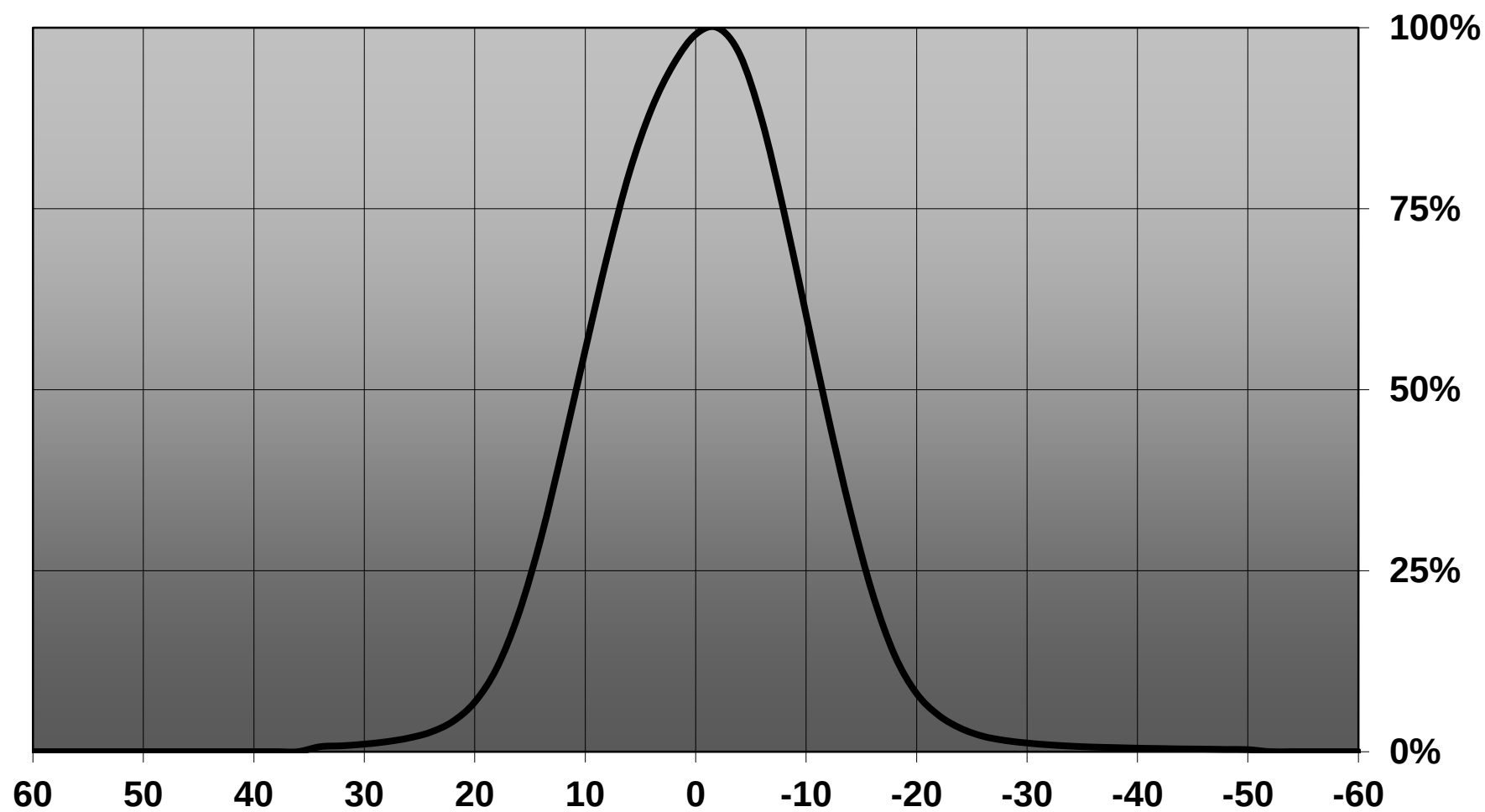
Relative intensity of CA14508_G2-LXP2-D_(XP-E)

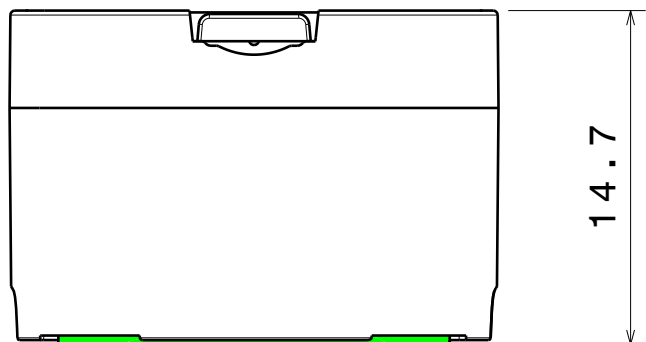


Relative intensity of CA14509_G2-LXP2-M-P_(XP-E)

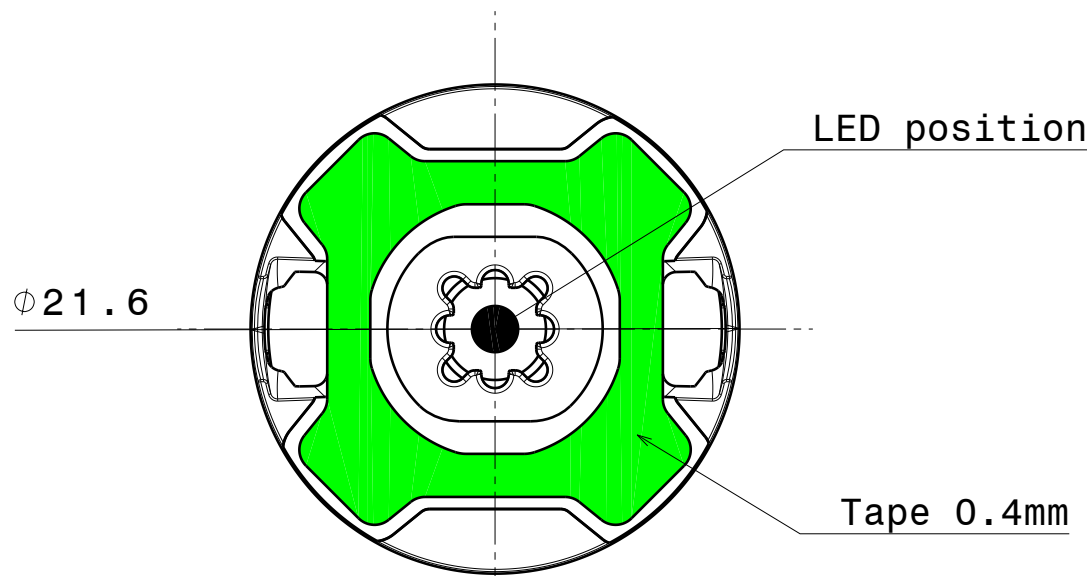


Relative intensity of CA14510_G2-LXP2-M_(XP-E)

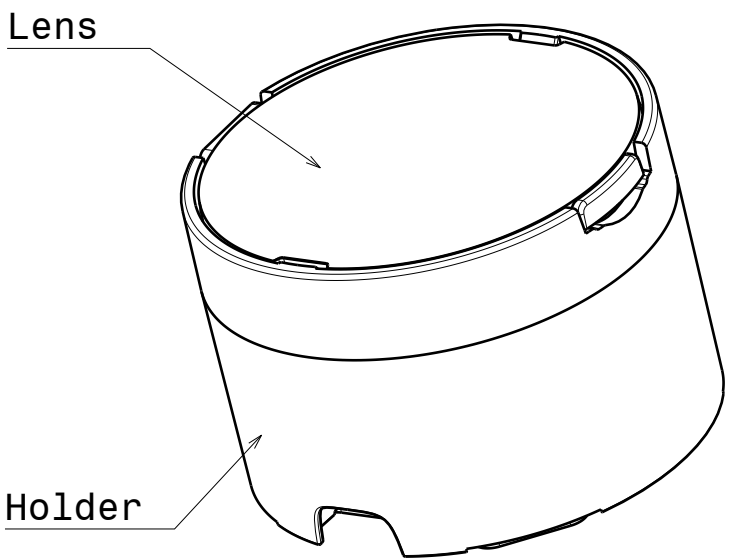




Front view
Scale: 3:1



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 Ledil Oy
Salorankatu 10
FIN 24240 SALO
Finland

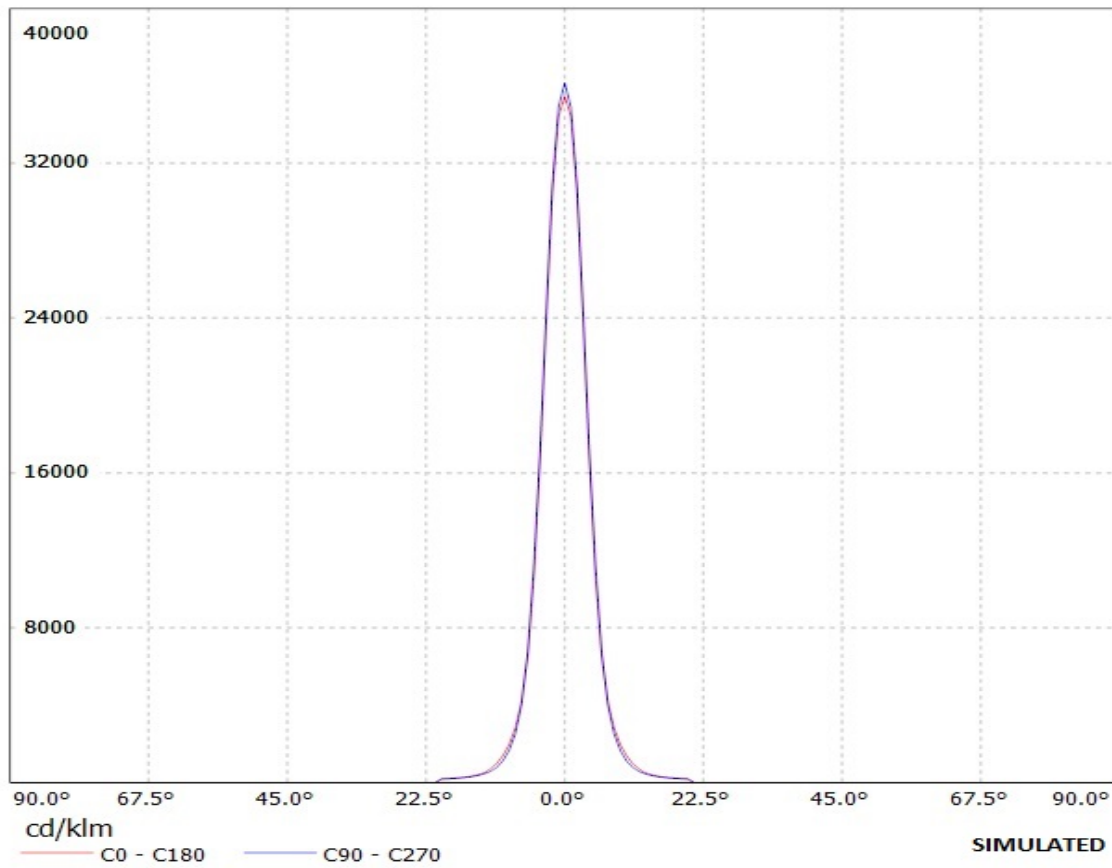
DRAWING TITLE
Datasheet_LXP2-Series

SIZE	PART NUMBER
A3	-

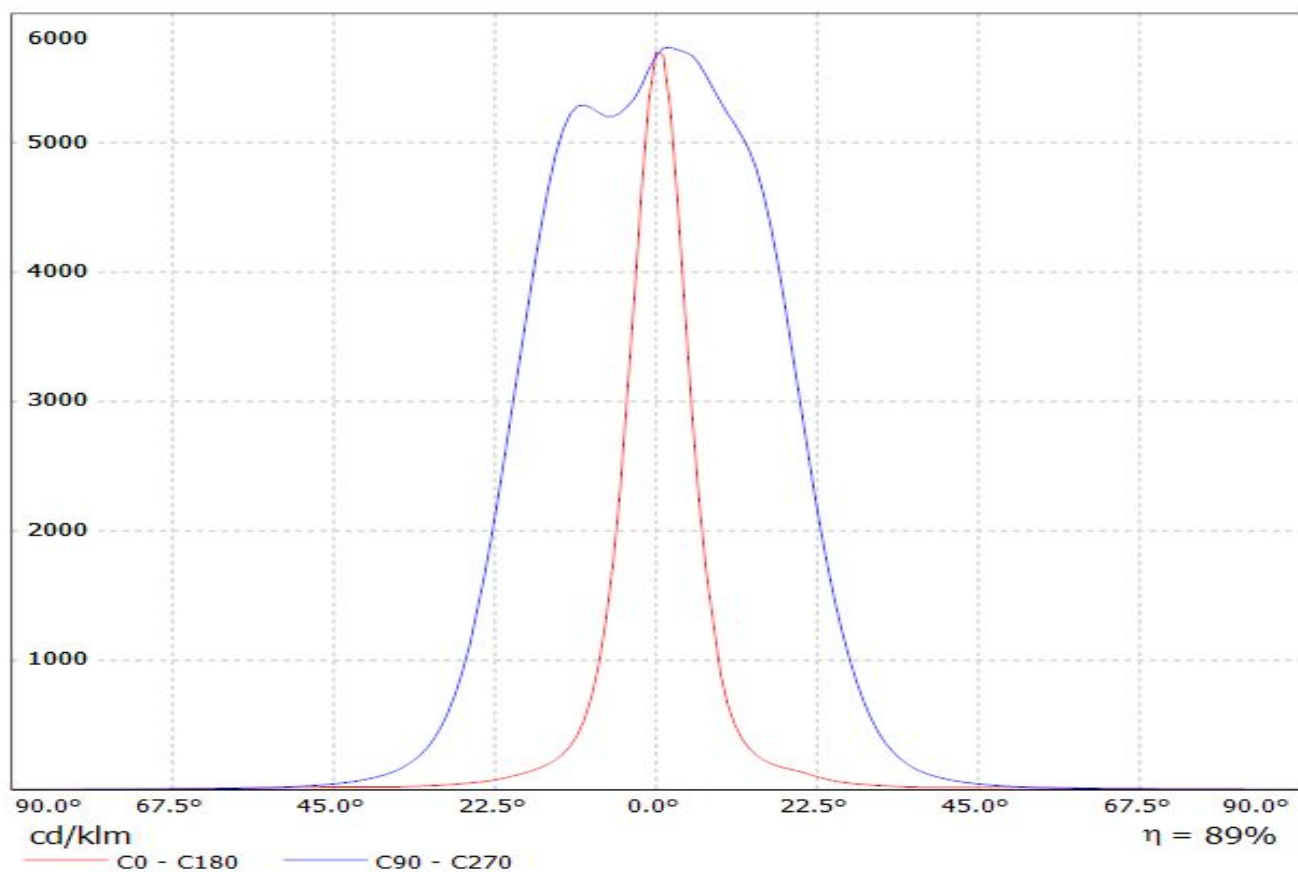
SCALE	3:1	WEIGHT	-	SHEET	1 / 1
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Ledil Oy CA11481_LXP2-RS CA11481_LXP2-RS / LDC (Linear)

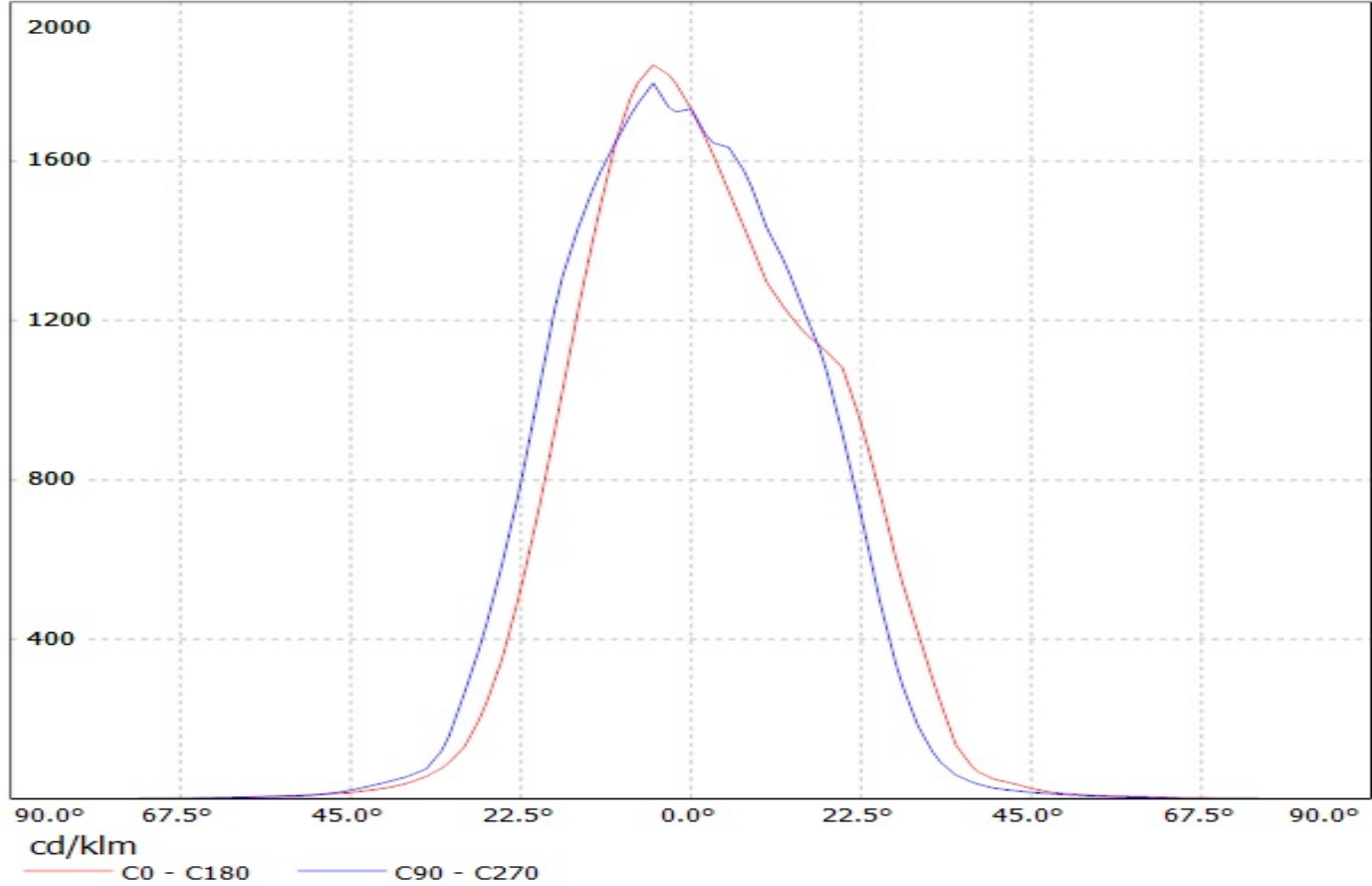
Luminaire: Ledil Oy CA11481_LXP2-RS CA11481_LXP2-RS
Lamps: 1 x Cree XP-E (White)



Luminaire: LEDiL Oy CA11484_LXP2-O-90_(XP-E) Eff. 89%
Lamps: 1 x Cree XP-E (50,4lm@250mA) CCT=warm white P=0.8W I=250mA



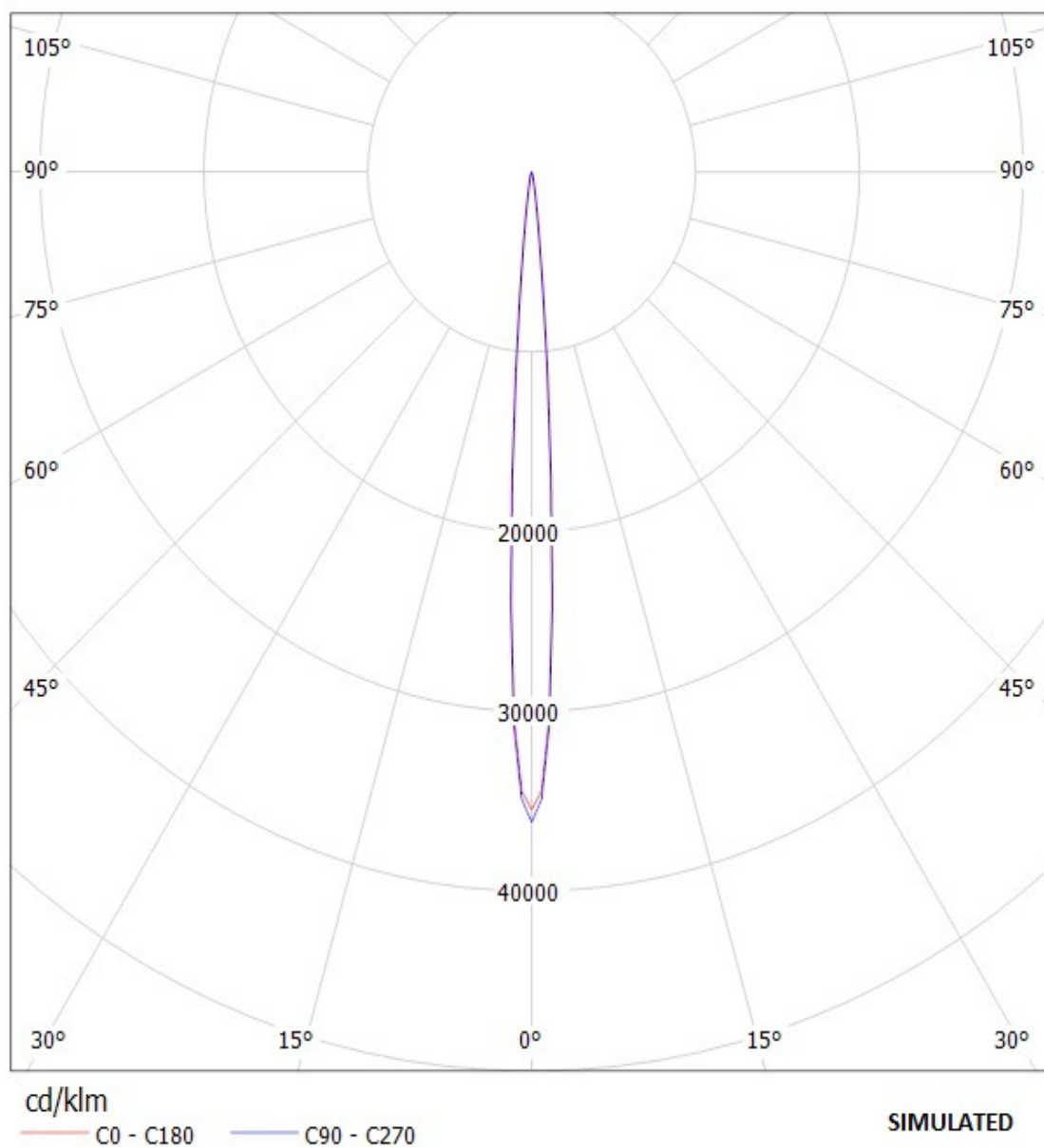
Luminaire: Ledil Oy CA12392_LXP2-W (Cree XP-E 77lm @ 250mA) Efficiency=90%
Lamps: 1 x Cree XP-E 77lm @ 250mA



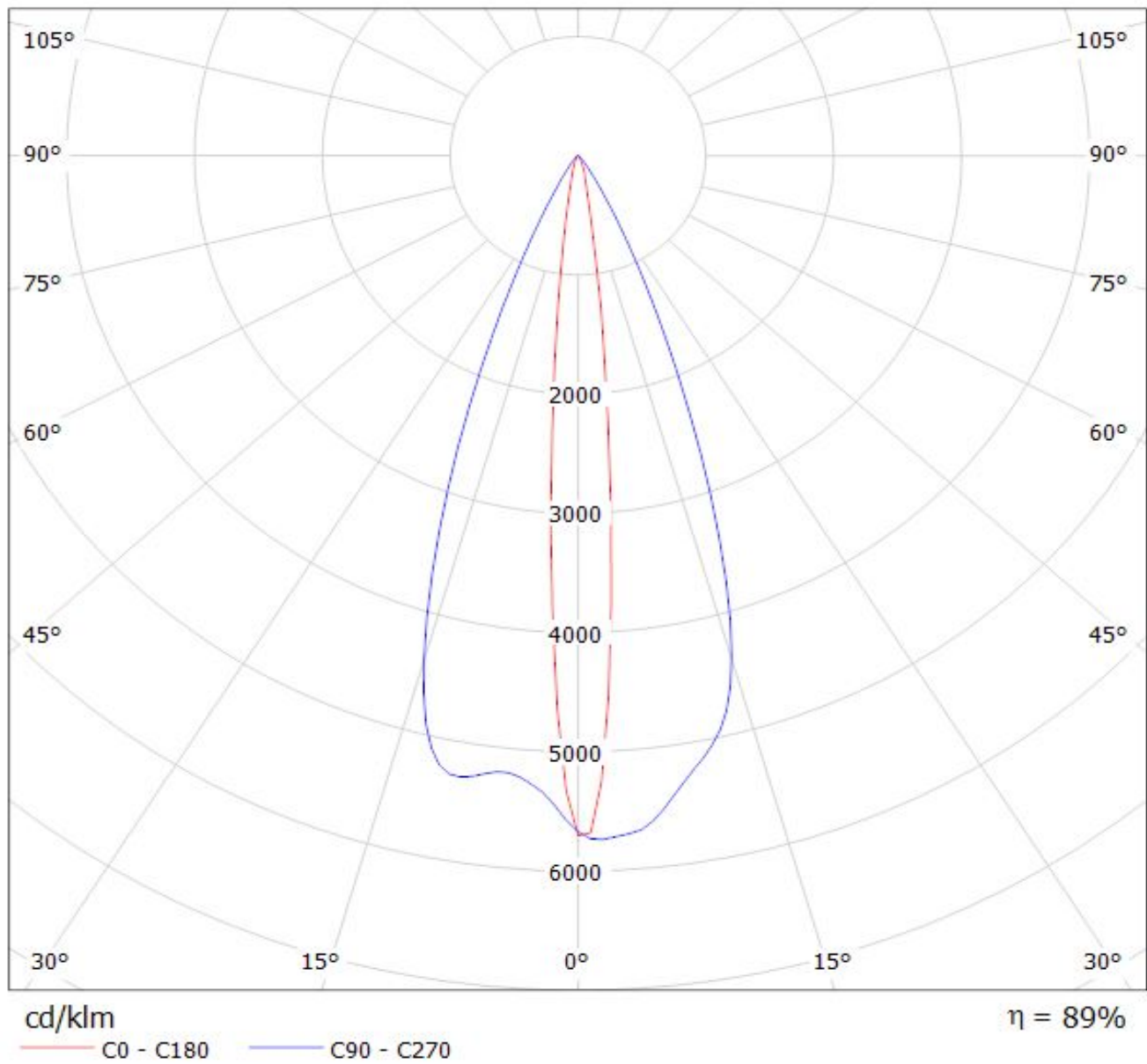
Ledil Oy CA11481_LXP2-RS CA11481_LXP2-RS / LDC (Polar)

Luminaire: Ledil Oy CA11481_LXP2-RS CA11481_LXP2-RS

Lamps: 1 x Cree XP-E (White)



Luminaire: LEDiL Oy CA11484_LXP2-O-90_(XP-E) Eff. 89%
Lamps: 1 x Cree XP-E (50,4lm@250mA) CCT=warm white P=0.8W I=250mA



Luminaire: Ledil Oy CA12392_LXP2-W (Cree XP-E 77lm @ 250mA) Efficiency=90%
Lamps: 1 x Cree XP-E 77lm @ 250mA

