



Ordering number FA11113
Description FA11113_LOST-W

Family	Leila	FWHM	degrees
Type	Assembly	Efficiency	-
LED	Ostar Lighting+	cd/lm	-
Color	Black	Gerber File	Available
Diameter	21.6 mm		
Height	13.2 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	PC		
Fastening	Tape		
Status	Ready		



Ordering number FA11463
Description FA11463_LOST-M2

Family	Leila	FWHM	degrees
Type	Assembly	Efficiency	-
LED	Ostar Lighting+	cd/lm	-
Color	Black	Gerber File	Available
Diameter	21.6 mm		
Height	13.2 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	PC		
Fastening	Tape		
Status	Ready		



Ordering number FA11110
Description FA11110_LOST-D

Family	Leila	FWHM	25 degrees
Type	Assembly	Efficiency	89 %
LED	Ostar Lighting+	cd/lm	-
Color	Black	Gerber File	Available
Diameter	21.6 mm		
Height	13.2 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	PC		
Fastening	Tape		
Status	Ready		



Ordering number FA11112
Description FA11112_LOST-M

Family	Leila	FWHM	30 degrees
Type	Assembly	Efficiency	88 %
LED	Ostar Lighting+	cd/lm	-
Color	Black	Gerber File	Available
Diameter	21.6 mm		
Height	13.2 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	PC		
Fastening	Tape		
Status	Ready		



Ordering number FA11114
Description FA11114_LOST-O-90

Family	Leila	FWHM	36+24 degrees
Type	Assembly	Efficiency	85 %
LED	Ostar Lighting+	cd/lm	-
Color	Black	Gerber File	Available
Diameter	21.6 mm		
Height	13.2 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	PC		
Fastening	Tape		
Status	Ready		



Ordering number FA11115
Description FA11115_LOST-REC

Family	Leila	FWHM	36+29 degrees
Type	Assembly	Efficiency	81 %
LED	Ostar Lighting+	cd/lm	-
Color	Black	Gerber File	Available
Diameter	21.6 mm		
Height	13.2 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	PC		
Fastening	Tape		
Status	Ready		

Ordering number FA11893
Description FA11893-LOST-WW

Family	Leila	FWHM	degrees
Type	Assembly	Efficiency	-
LED	Ostar Lighting+	cd/lm	-
Color	Black	Gerber File	Available
Diameter	21.6 mm		
Height	13.2 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	PC		
Fastening	Tape		
Status	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 LOST series

GENERAL INFORMATION

- Product series especially designed & optimized for Ostar Lighting+ 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 (105 degrees of Celcius / 220 degrees of Fahrenheit). 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>

- Optic holder molded by high quality PC material (120 dergees of Celcius / 248 degrees of Fahrenheit).

- 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

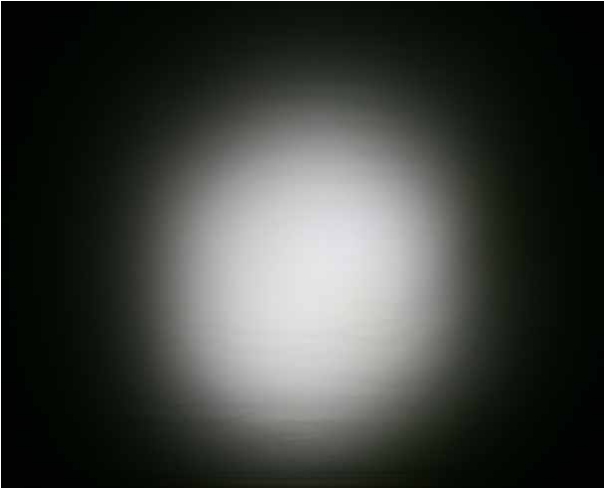
NOTE 1: We advise customer to ensure the suitability and sufficiency of the bond in the end product. For example, mechanical stress, vibration and holes on the surface of the circuit board weaken the strength of the tape.

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.

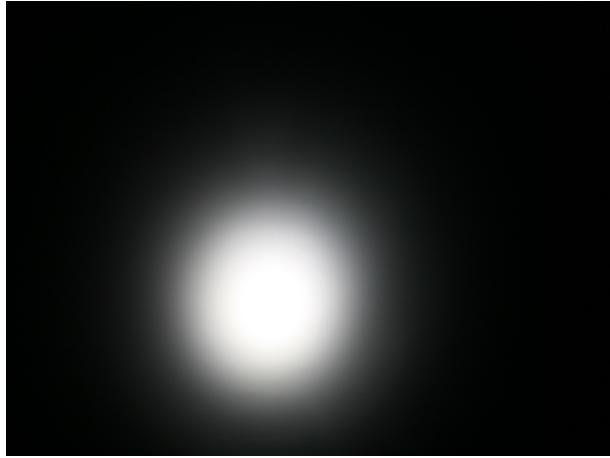
If cleaning of PCB surfaces is needed, please follow strictly the cleaning instructions of your LED manufacturer - this is important as cleaning shall under no circumstances damage LEDs or other electronics components on the PCB.

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.

CA11483_LXP2-M & XP-E-HEW



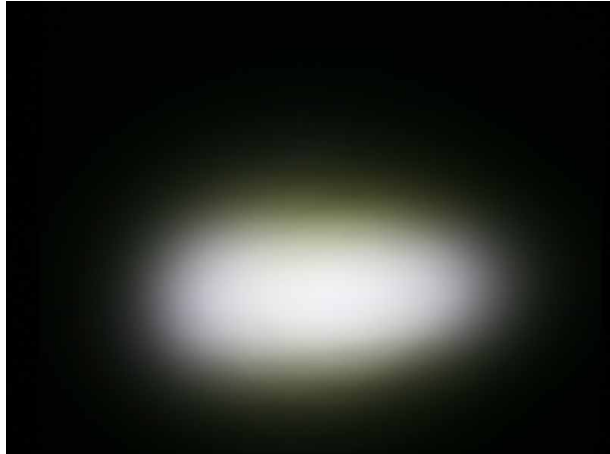
CA11482_LXP2-D



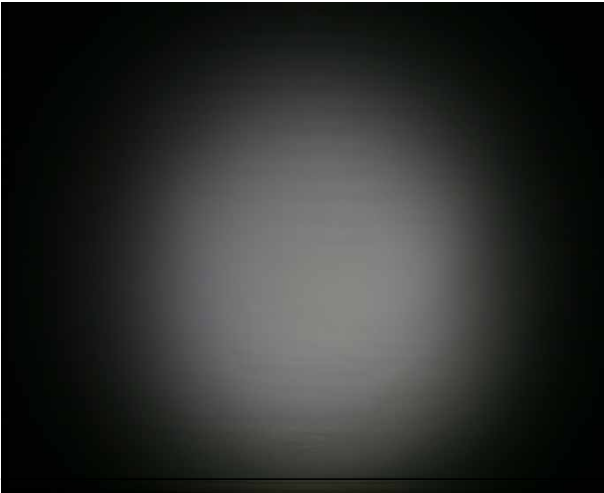
CA11481_LXP2-RS



FA11116_LXP-O-90



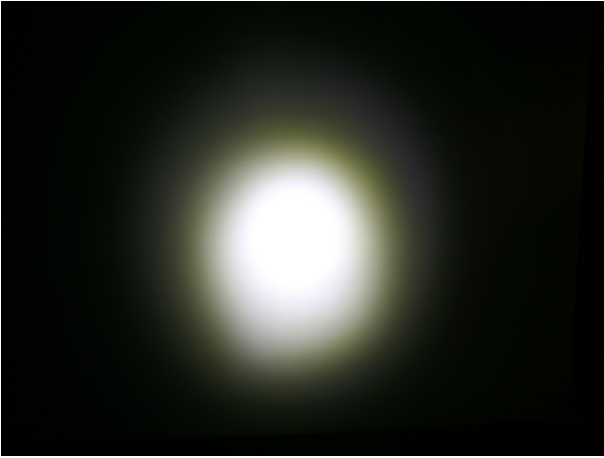
FA10832_LXP-W & XPE_HEW



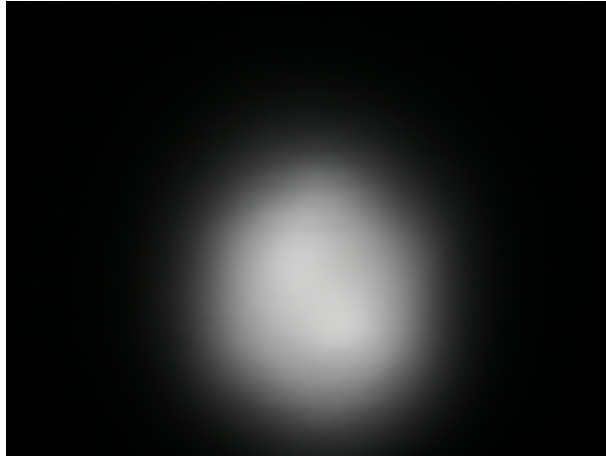
FA10661_LXP-RS



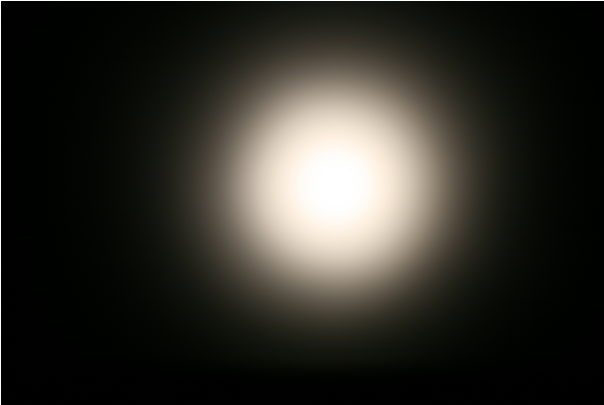
FA10661_LXP-RS & XP-E-HEW



CA11639_LR2-M



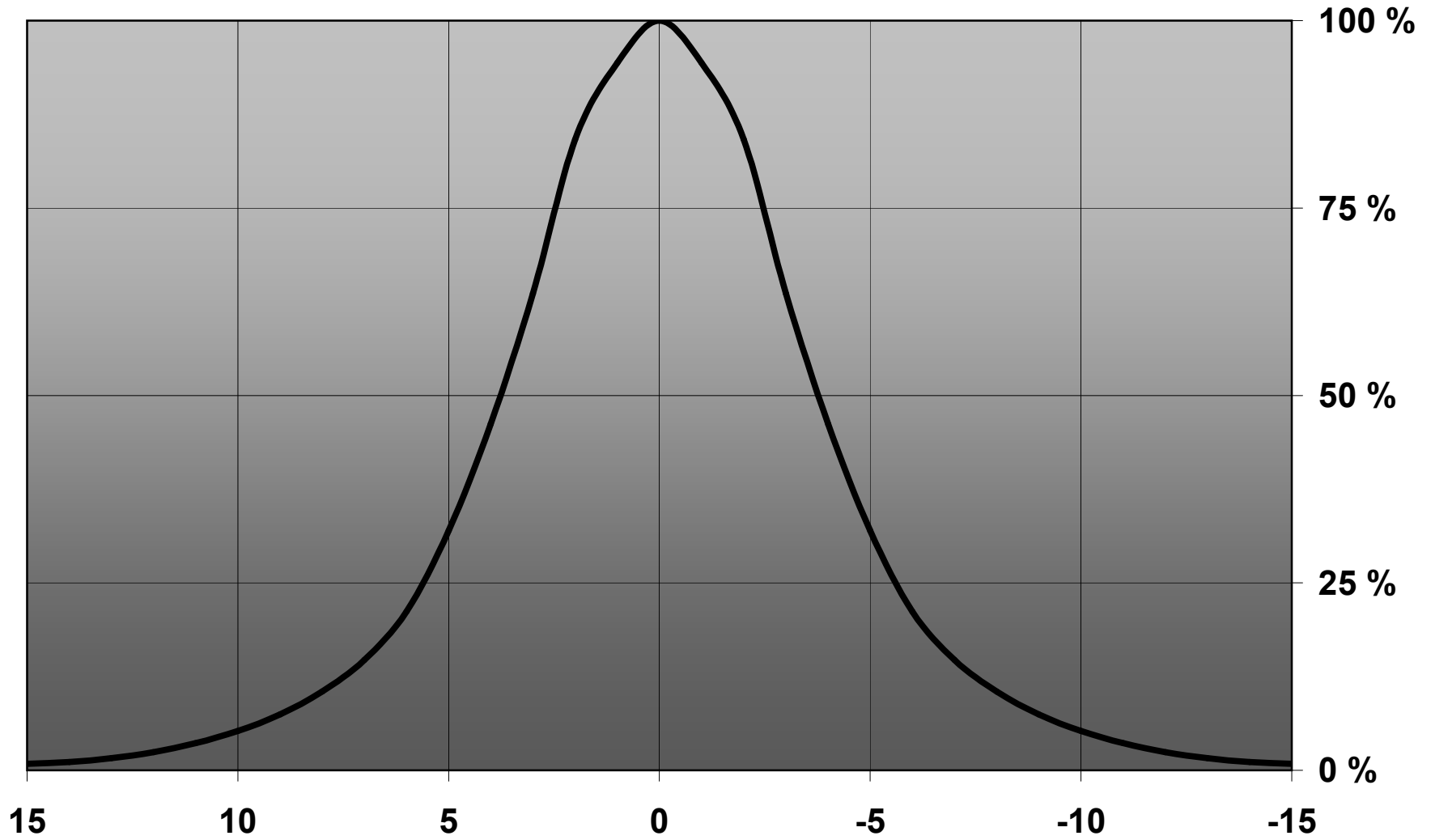
CA11638_LR2-D



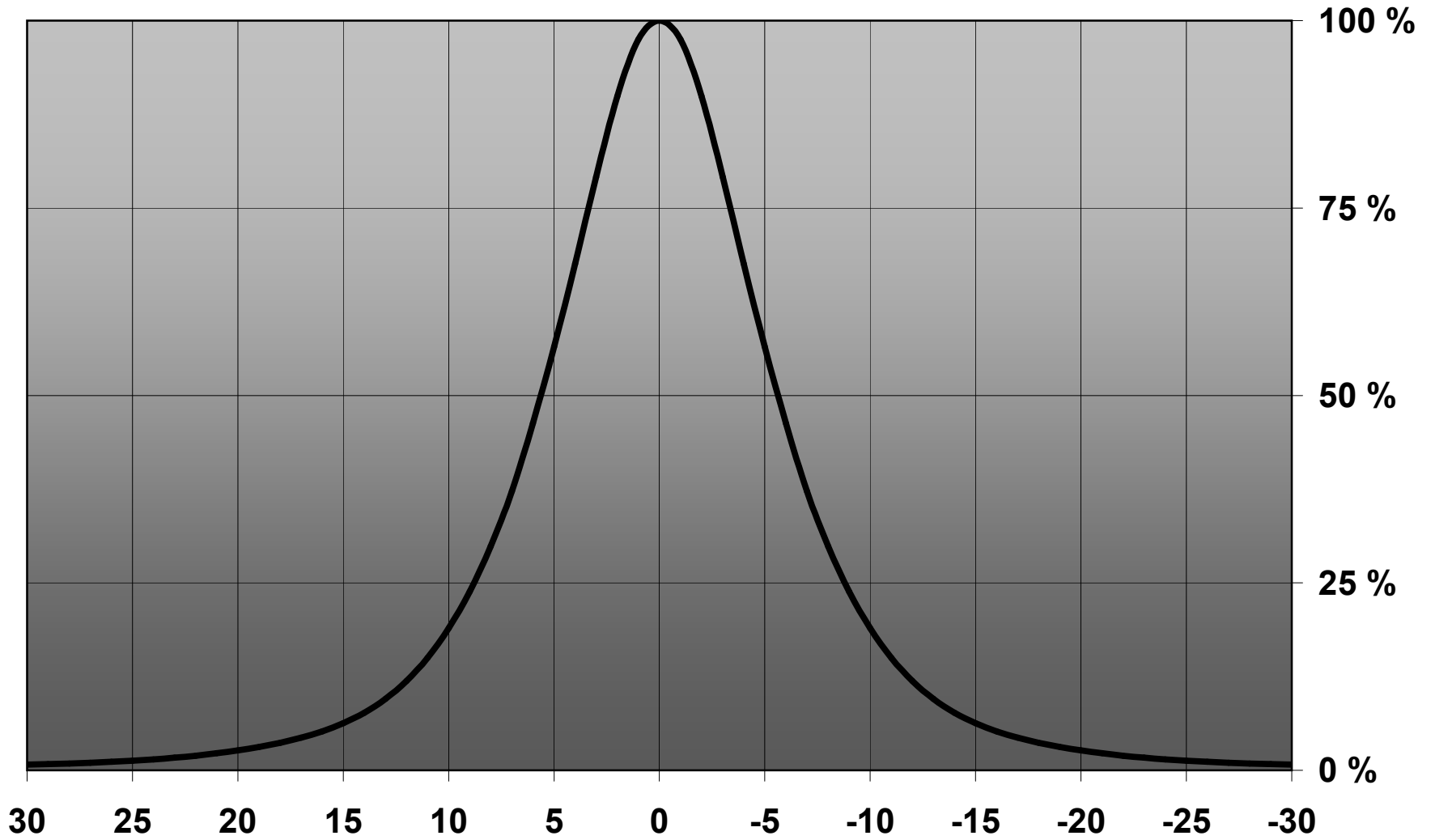
CA11637_LR2-RS



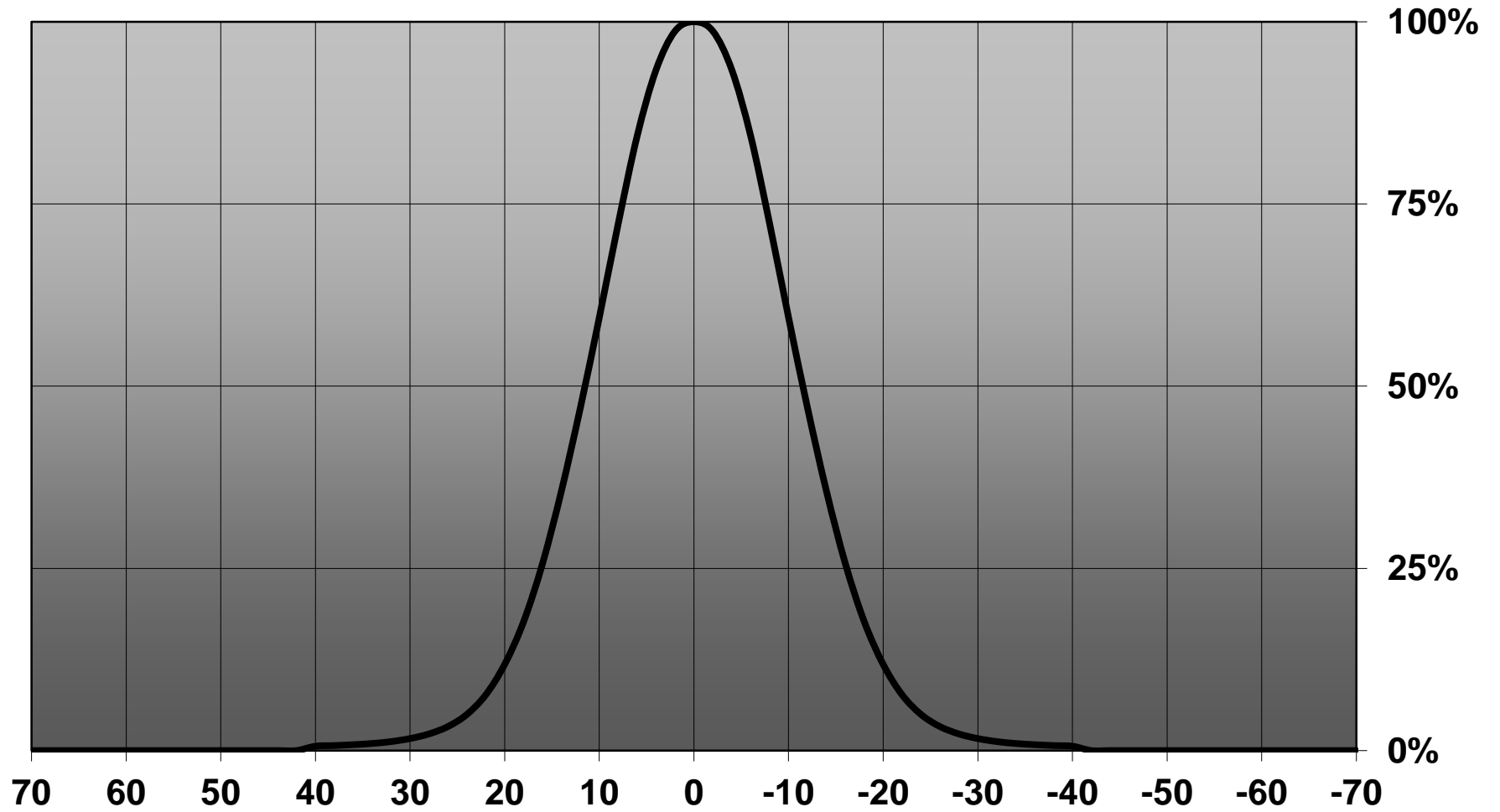
Relative Intensity of CA11637_LR2-RS



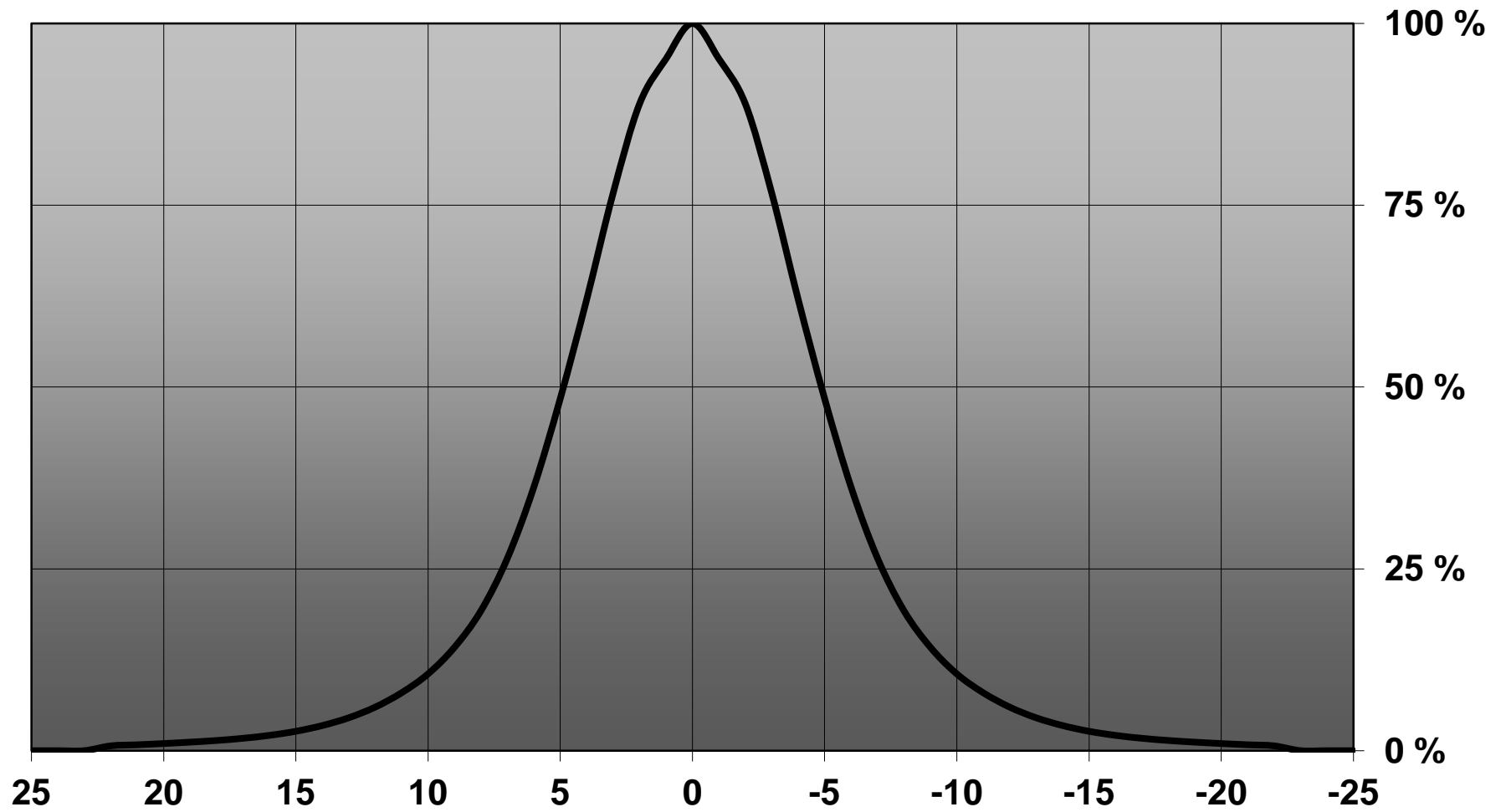
Relative Intensity of CA11638_LR2-D



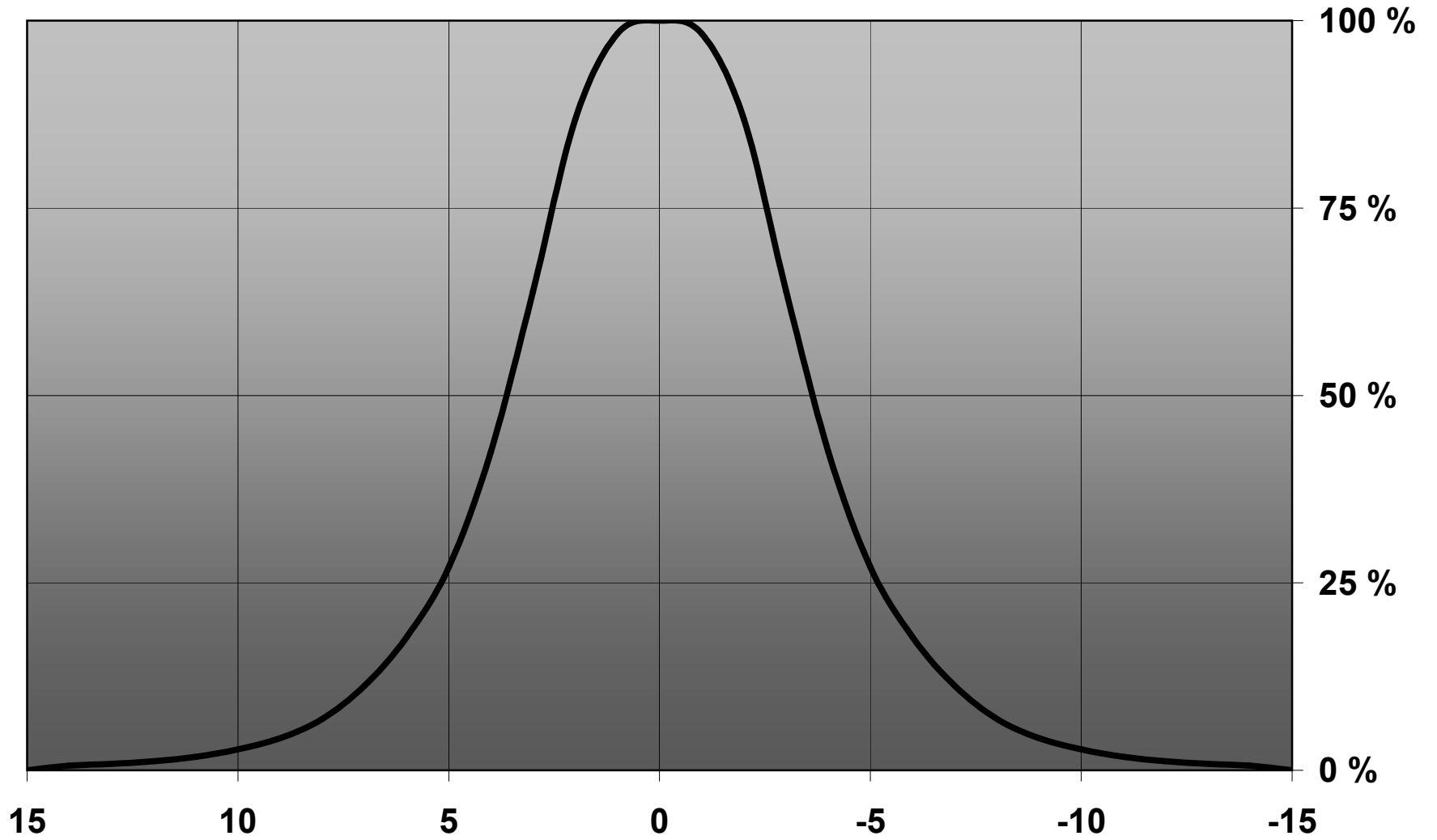
Relative intensity of CA11639_LR2-M



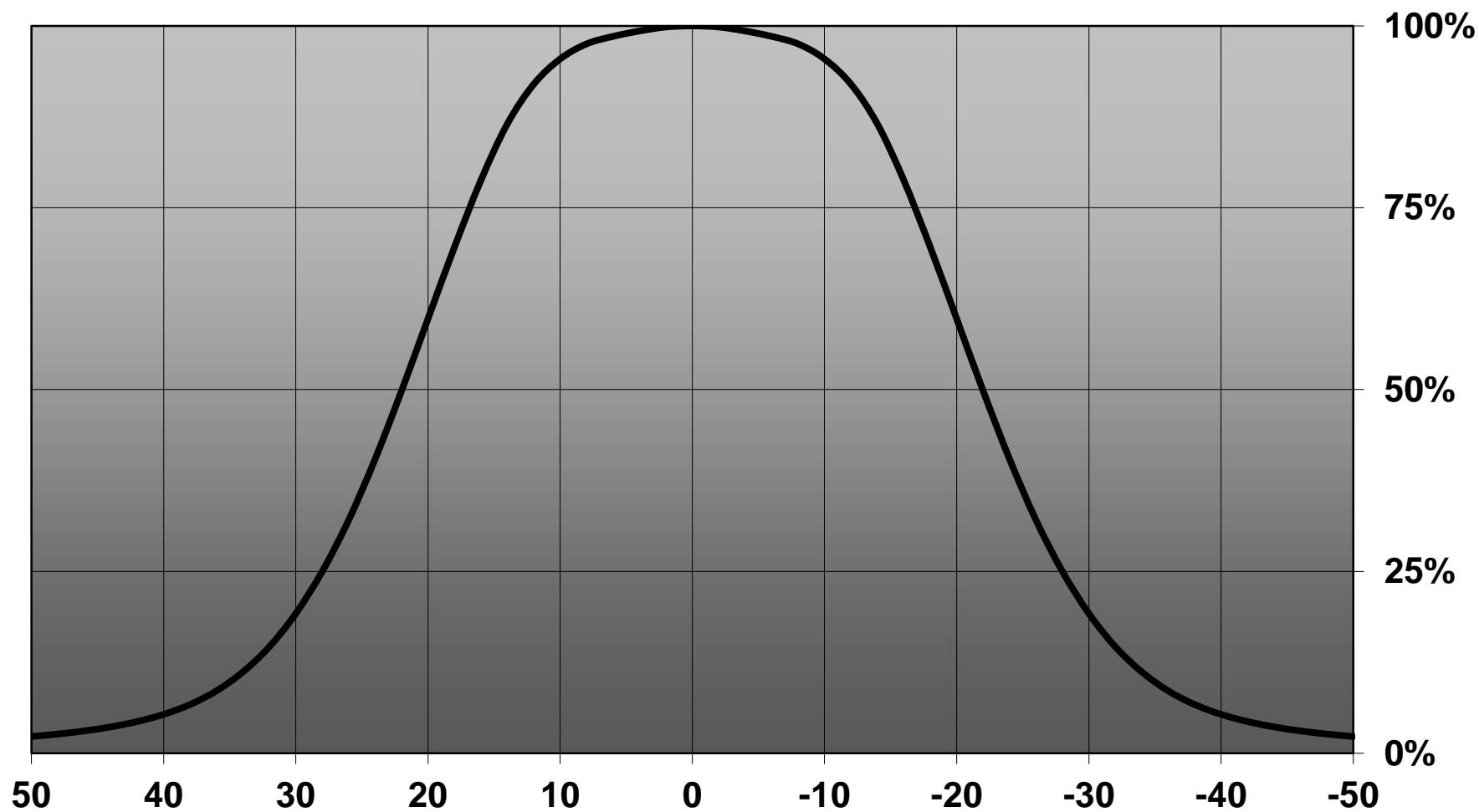
Relative Intensity of FA10661_LXP-RS-HEW



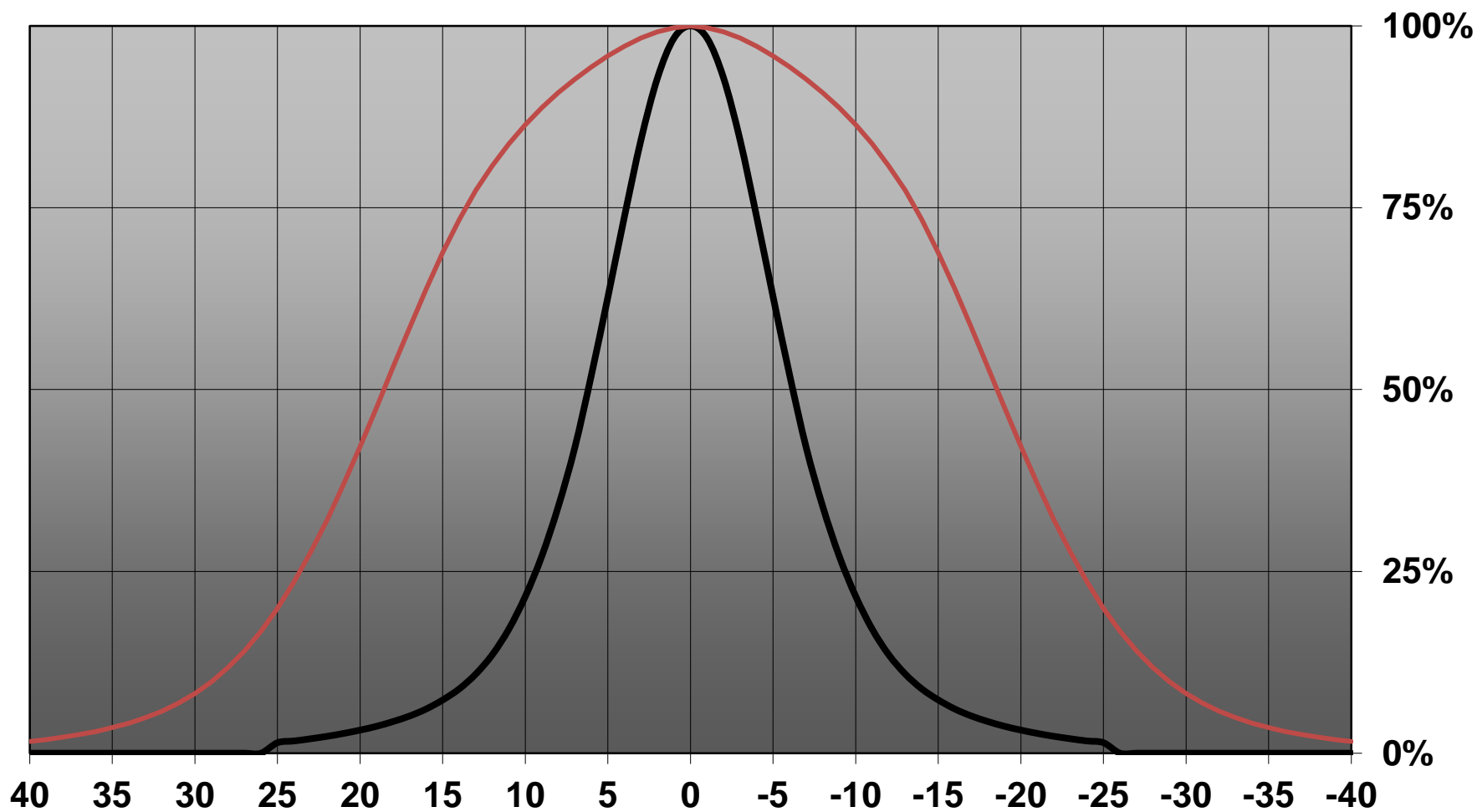
Relative Intensity of FA10661_LXP-RS



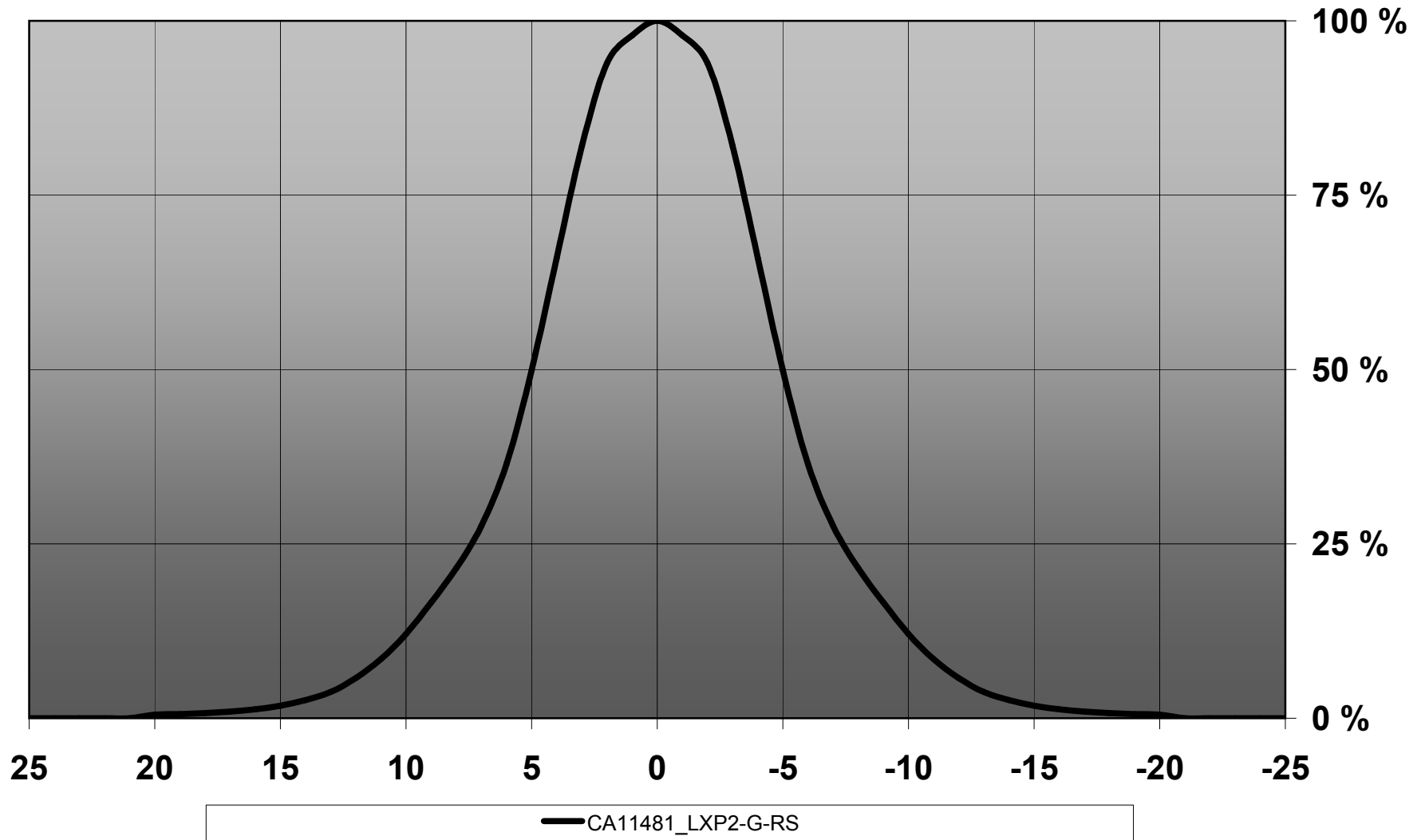
Relative intensity of FA10832_LXP-W-HEW



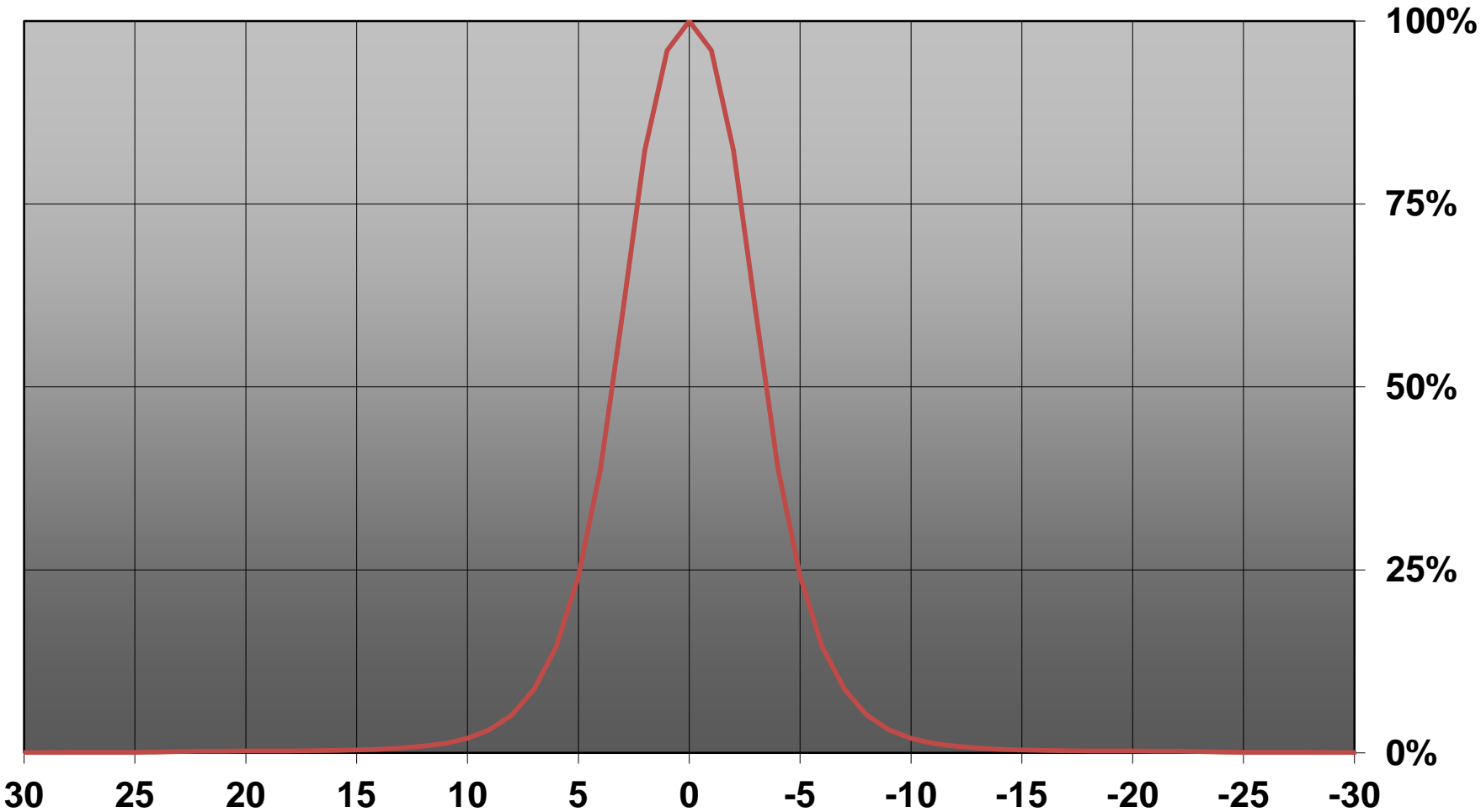
Relative intensity of FA11116_LXP-O-90-HEW



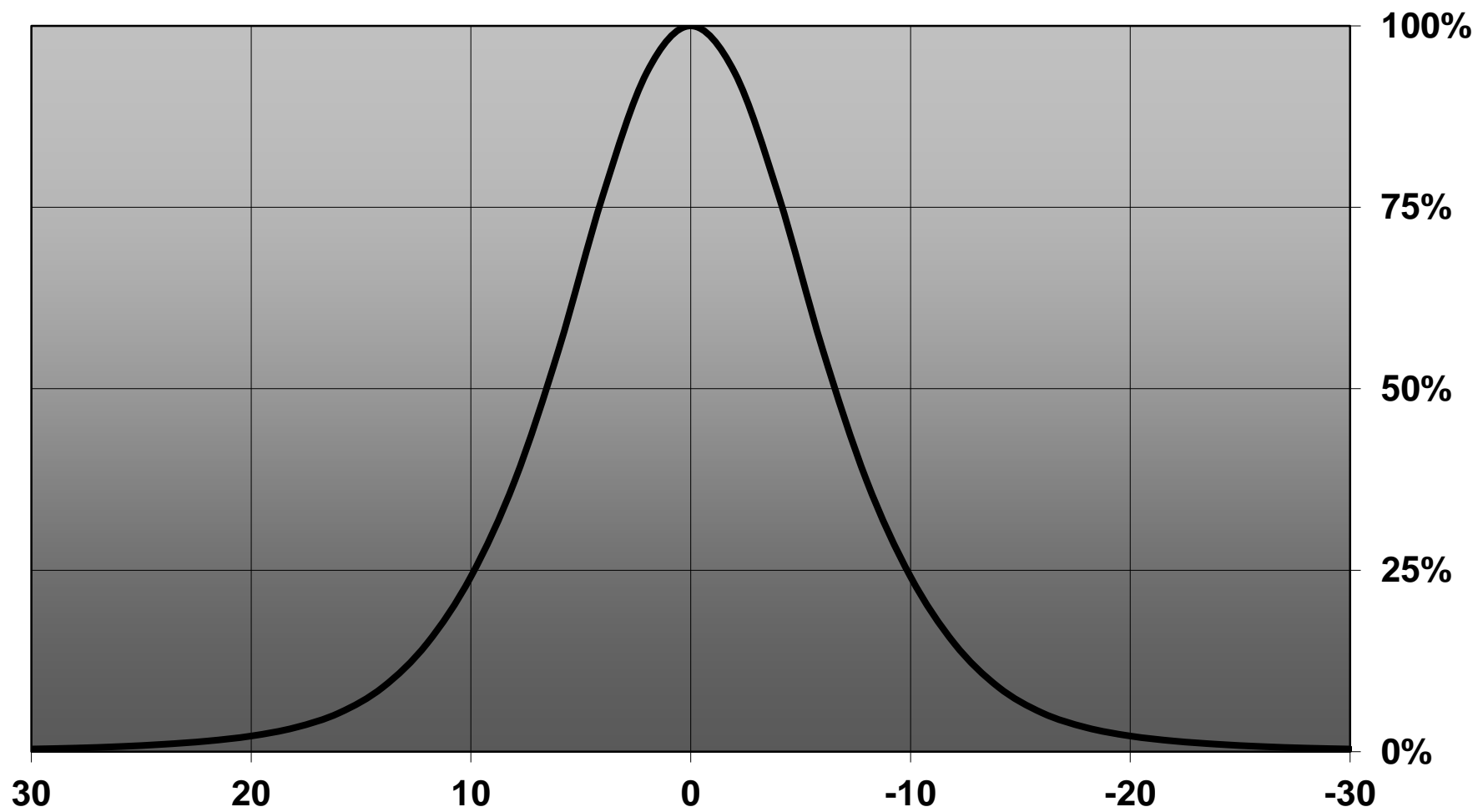
Relative intensity of CA11631_LXP3-G-RS



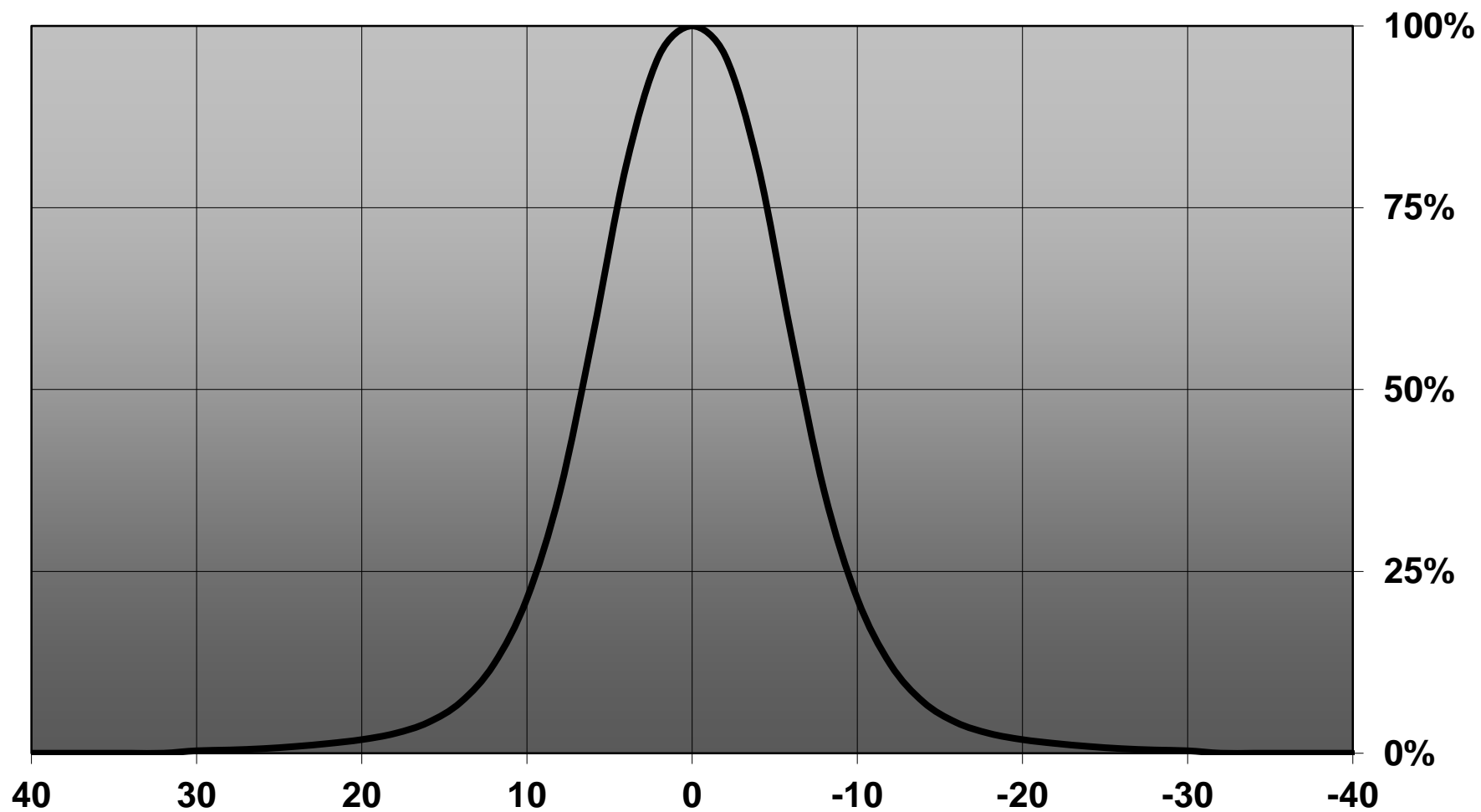
Relative intensity of CA11481_LXP2-RS



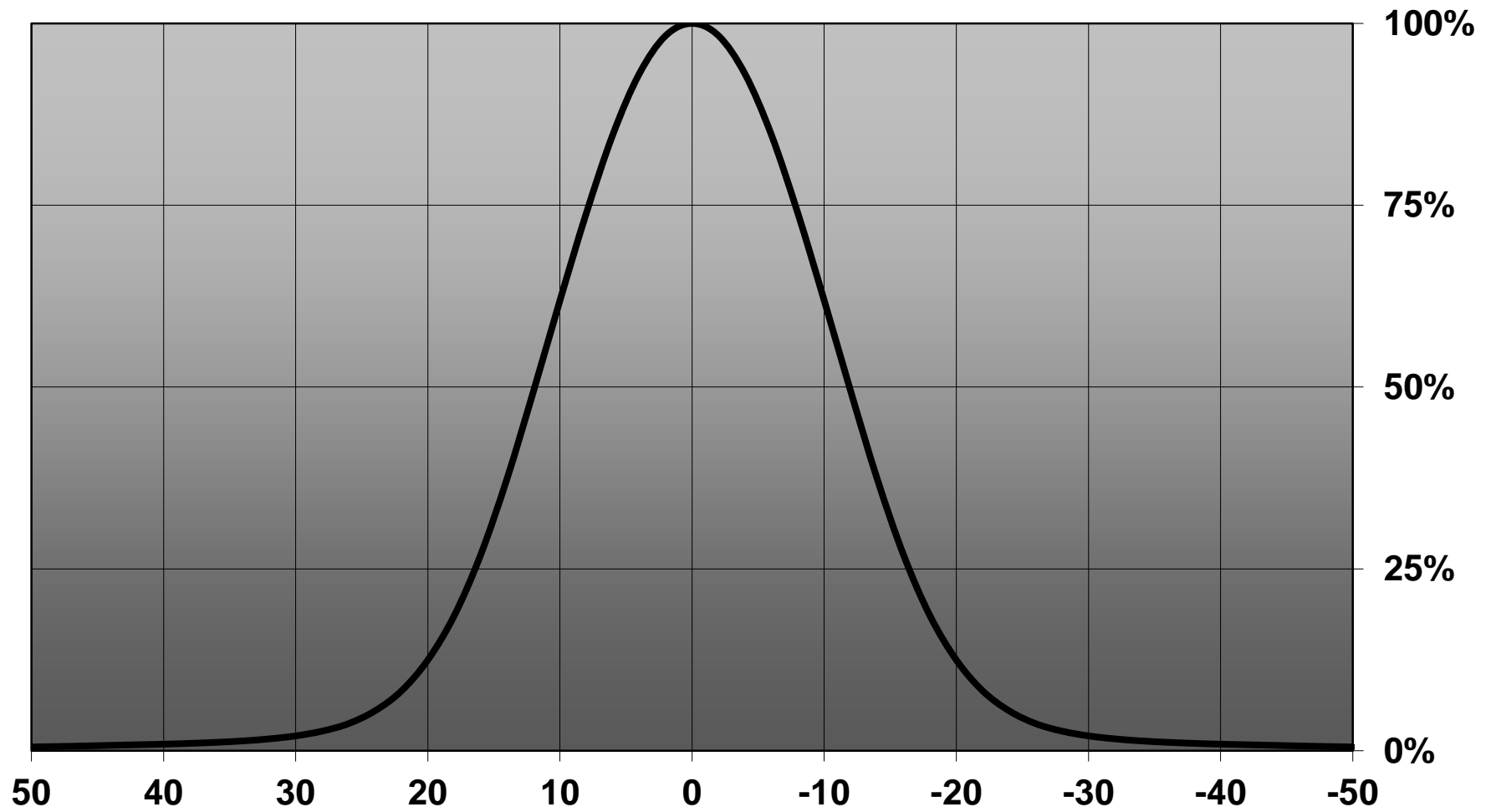
Relative intensity of CA11482_LXP2-G-D



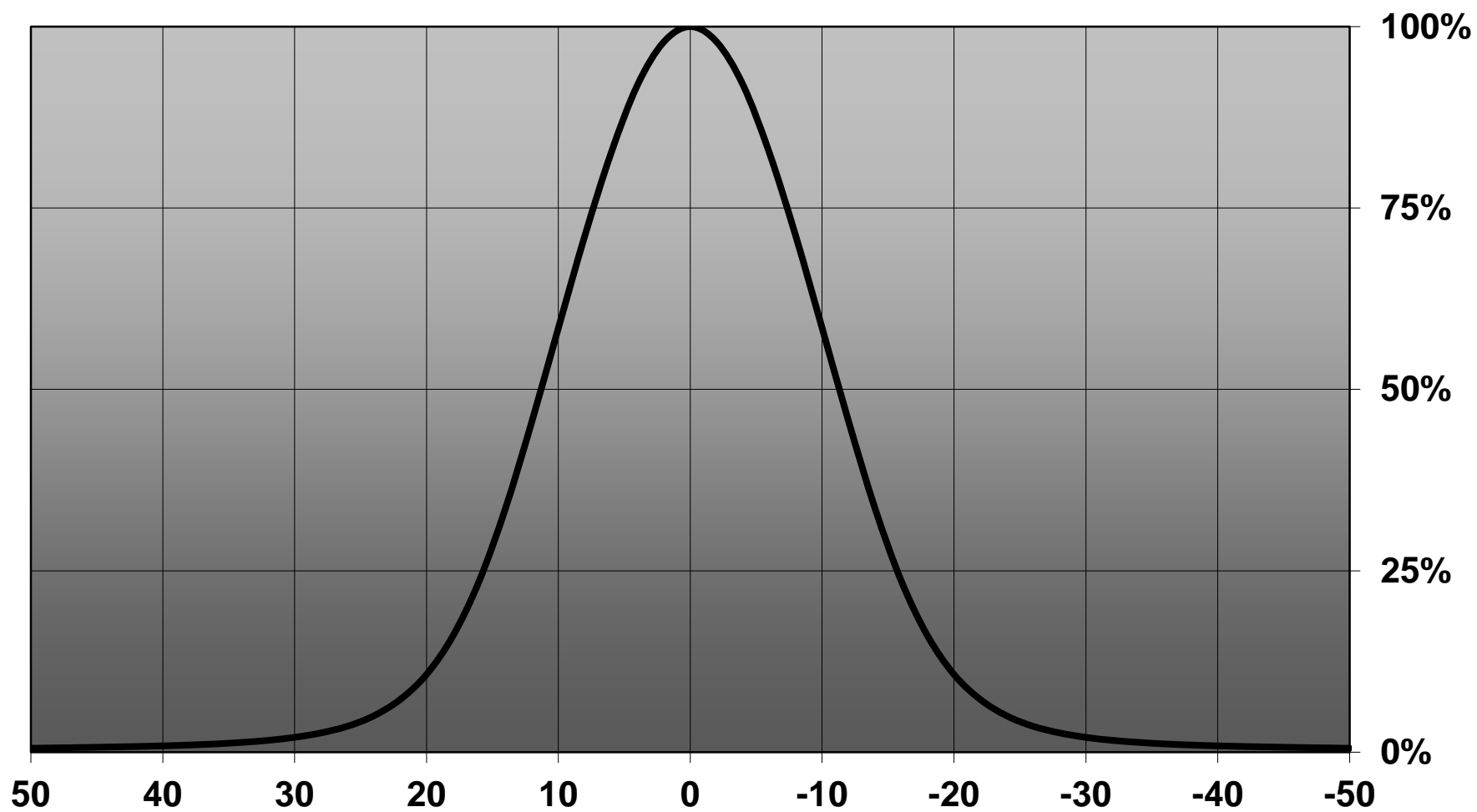
Relative intensity of CA11482_LXP2-D



Relative intensity of CA11483_LXP2-G-M



Relative intensity of CA11483_LXP2-M & Cree XP-E-HEW

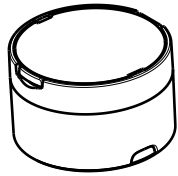


D

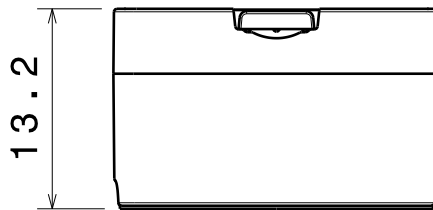
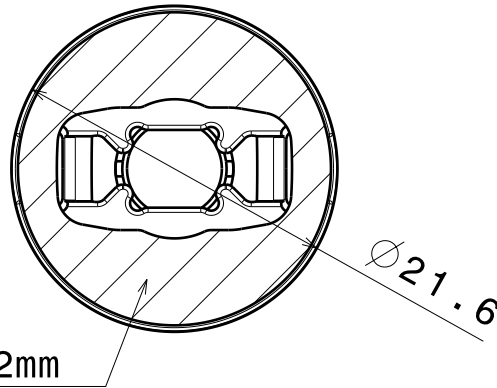
C

B

A



Isometric view
Scale: 1:1



MATERIALS
Lens: PMMA
Holder: PC
Tape: PU Foam

Part no.s:
FA11109_LOST-RS
FA11110_LOST-D
FA11112_LOST-M
FA11114_LOST-O-90
FA11115_LOST-REC

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Ledil Oy
Tehdaskatu 13
FIN-24100 SALO
Finland

DRAWING TITLE

Datasheet Lost-Series assy

DRAWN BY pv	DATE 09.03.2010
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CHECKED BY hh	DATE 17.09.2009
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DESIGNED BY pv	DATE 17.09.2009
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SIZE A4	DRAWING NUMBER	REV 1
SCALE 2:1	WEIGHT (g) -	SHEET 1/1

D

A

4

4

3

3

2

2

1

1



Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

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