



Ordering number CN12700_LENINA-S

Family	Lenina	FWHM	18 degrees
Type	Reflector	Efficiency	90 %
LED	CLL030	cd/lm	5.200
Color	Metal	Gerber File	Available
Diameter	74 mm		
Height	45.4 mm		
Style	Round		
Optic Material	PC		
Holder Material	PC		
Fastening	Screw		
Status	Ready		



Ordering number CN12703_LENINA-S-DL

Family	Lenina	FWHM	22 degrees
Type	Reflector	Efficiency	82 %
LED	CLL030	cd/lm	3.100
Color	Metal	Gerber File	Available
Diameter	74 mm		
Height	47.5 mm		
Style	Round		
Optic Material	PC		
Holder Material	PC		
Fastening	Screw		
Status	Ready		



Ordering number CN12701_LENINA-M

Family	Lenina	FWHM	30 degrees
Type	Reflector	Efficiency	88 %
LED	CLL030	cd/lm	2.100
Color	Metal	Gerber File	Available
Diameter	74 mm		
Height	45.4 mm		
Style	Round		
Optic Material	PC		
Holder Material	PC		
Fastening	Screw		
Status	Ready		



Ordering number CN12704_LENINA-M-DL

Family	Lenina	FWHM	36 degrees
Type	Reflector	Efficiency	80 %
LED	CLL030	cd/lm	1.600
Color	Metal	Gerber File	Available
Diameter	74 mm		
Height	47.5 mm		
Style	Round		
Optic Material	PC		
Holder Material	PC		
Fastening	Screw		
Status	Ready		



Ordering number CN12702_LENINA-W

Family	Lenina	FWHM	55 degrees
Type	Reflector	Efficiency	88 %
LED	CLL030	cd/lm	1.200
Color	Metal	Gerber File	Available
Diameter	74 mm		
Height	45.4 mm		
Style	Round		
Optic Material	PC		
Holder Material	PC		
Fastening	Screw		
Status	Ready		



Ordering number CN12705_LENINA-W-DL

Family	Lenina	FWHM	55 degrees
Type	Reflector	Efficiency	80 %
LED	CLL030	cd/lm	1.000
Color	Metal	Gerber File	Available
Diameter	74 mm		
Height	47.5 mm		
Style	Round		
Optic Material	PC		
Holder Material	PC		
Fastening	Screw		
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

Lenina series

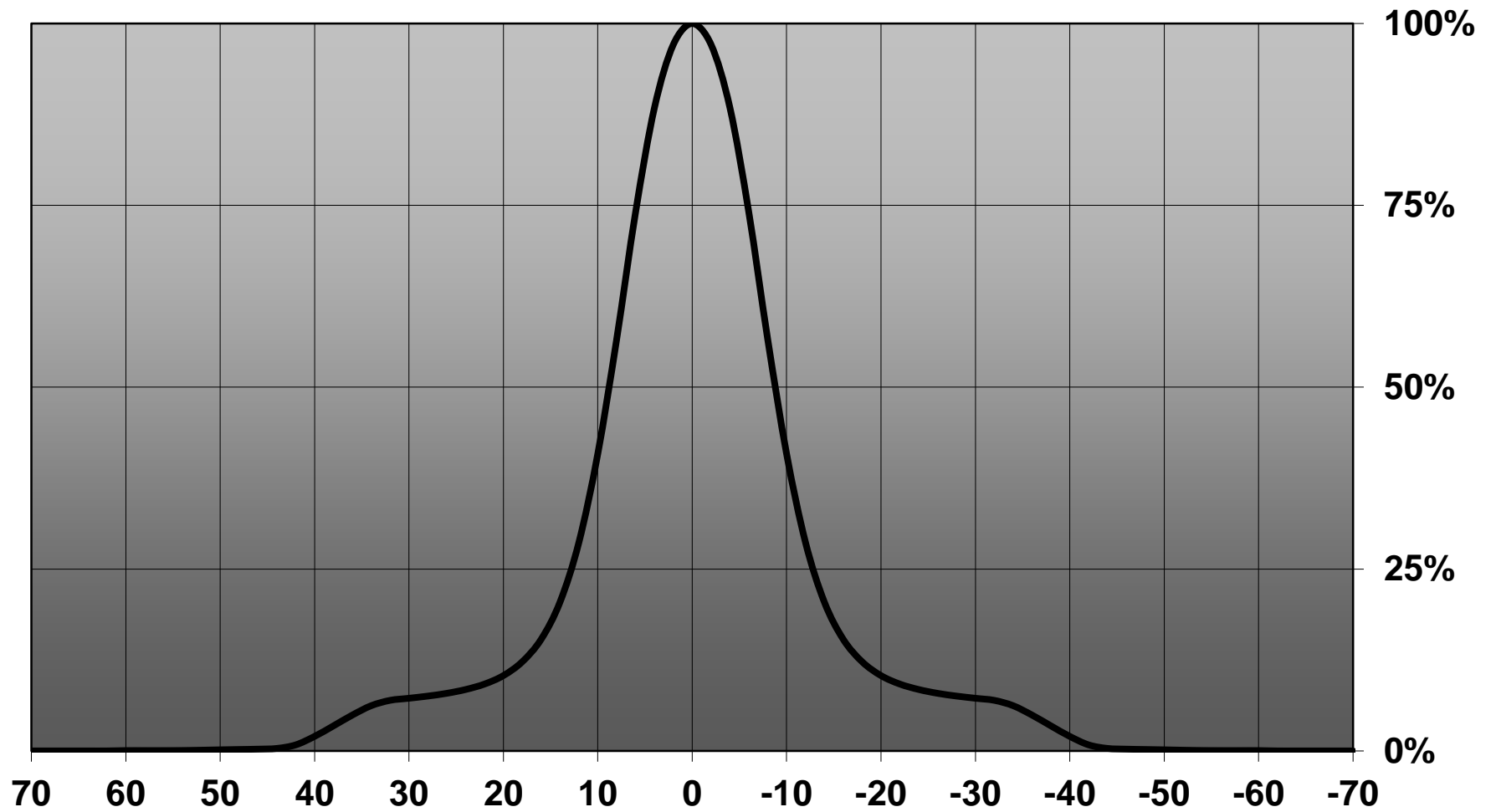
last update 22/5/2012

CITIZEN

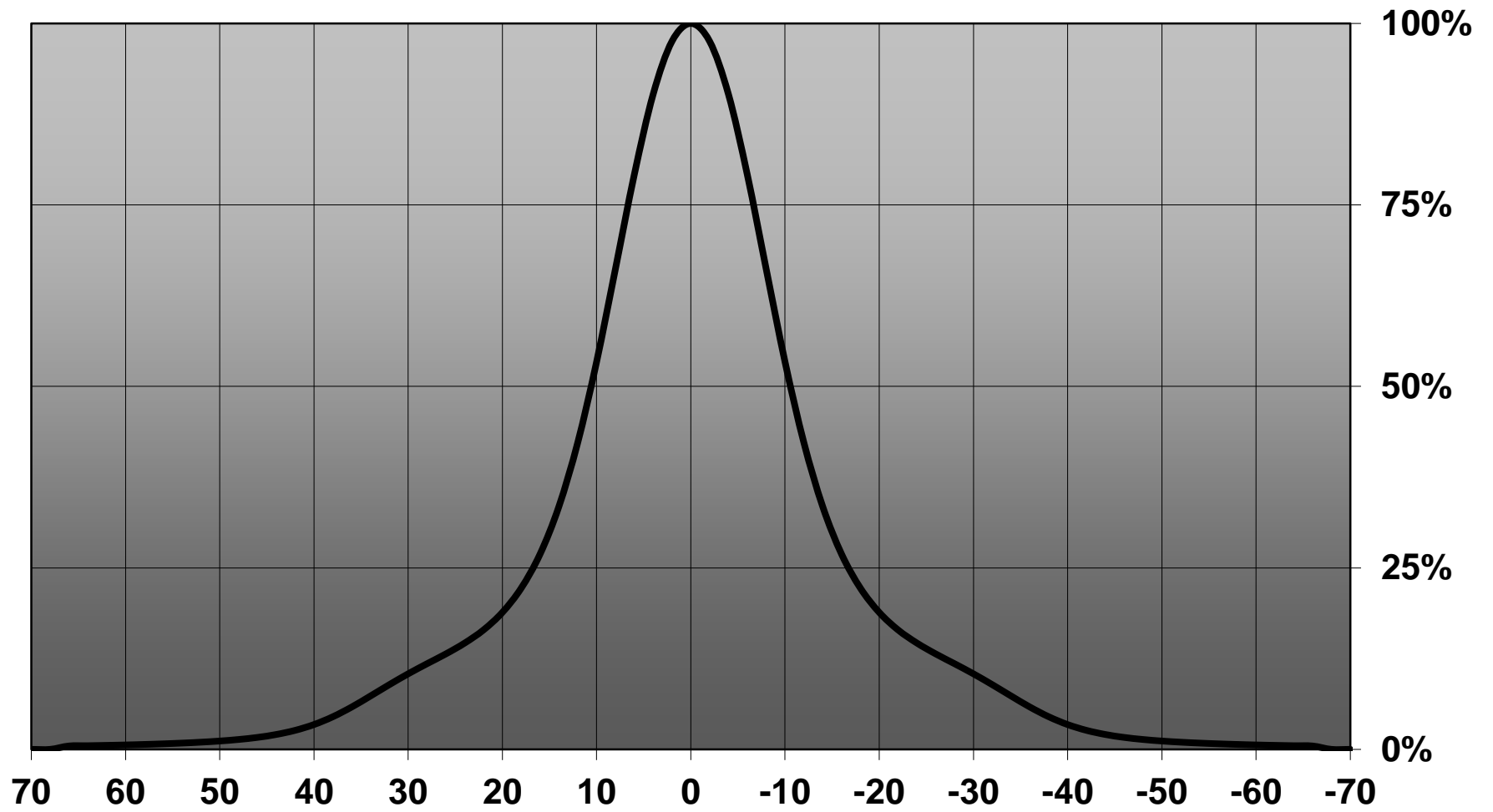
GENERAL INFORMATION

- Product series especially designed & optimized for CLL030 series of LEDs.
- Special care taken to make light distribution as uniform as possible.
- Reflector is made of aluminium coated PC (120 degrees of Celcius / 248 degrees of Fahrenheit) with protective lacquer (110 degrees of Celcius / 230 degrees of Fahrenheit).
- Optic holder molded by high quality PC material (120 dergees of Celcius / 248 degrees of Fahrenheit).

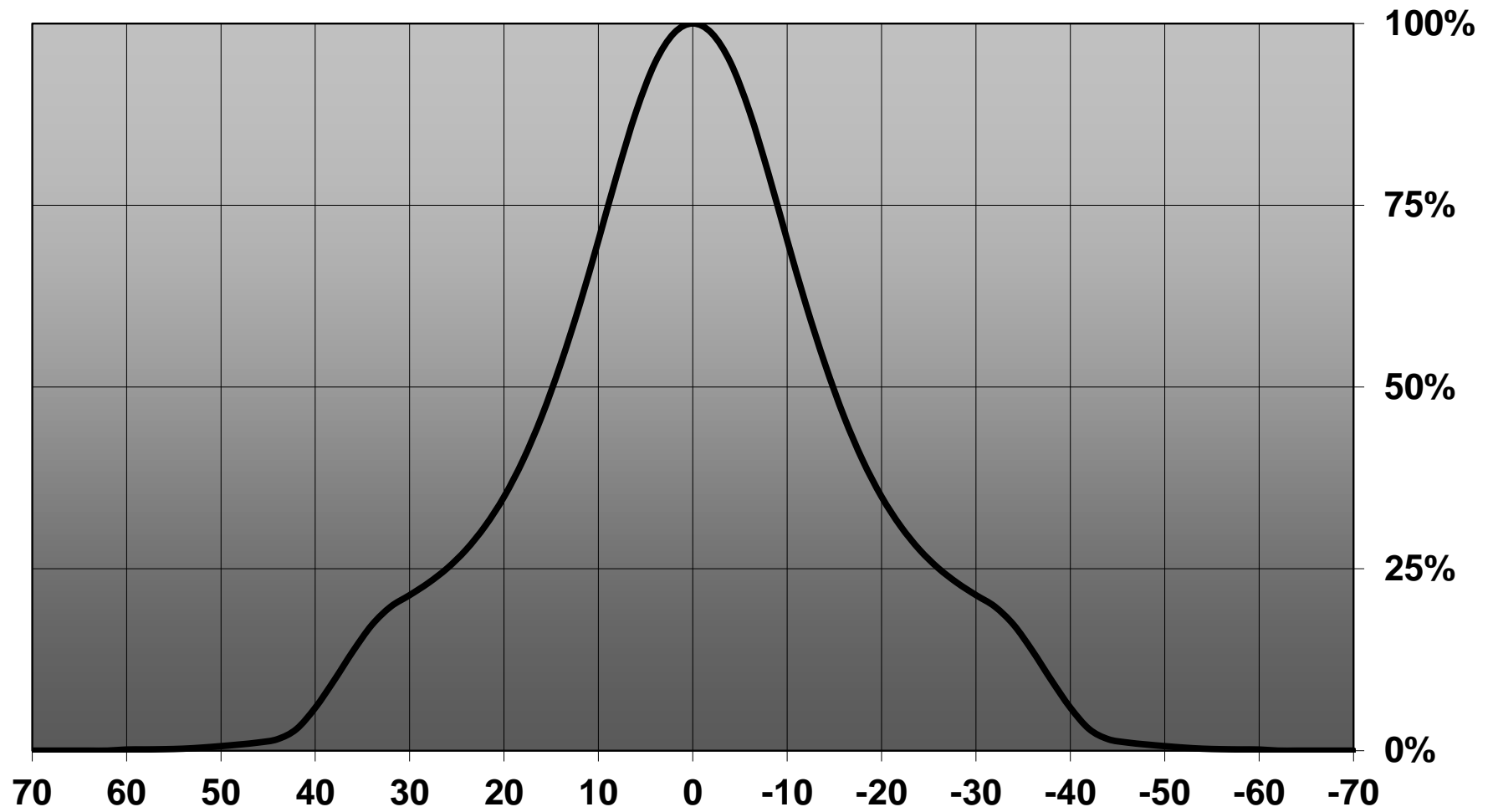
Relative intensity of CN12700_LENINA-S



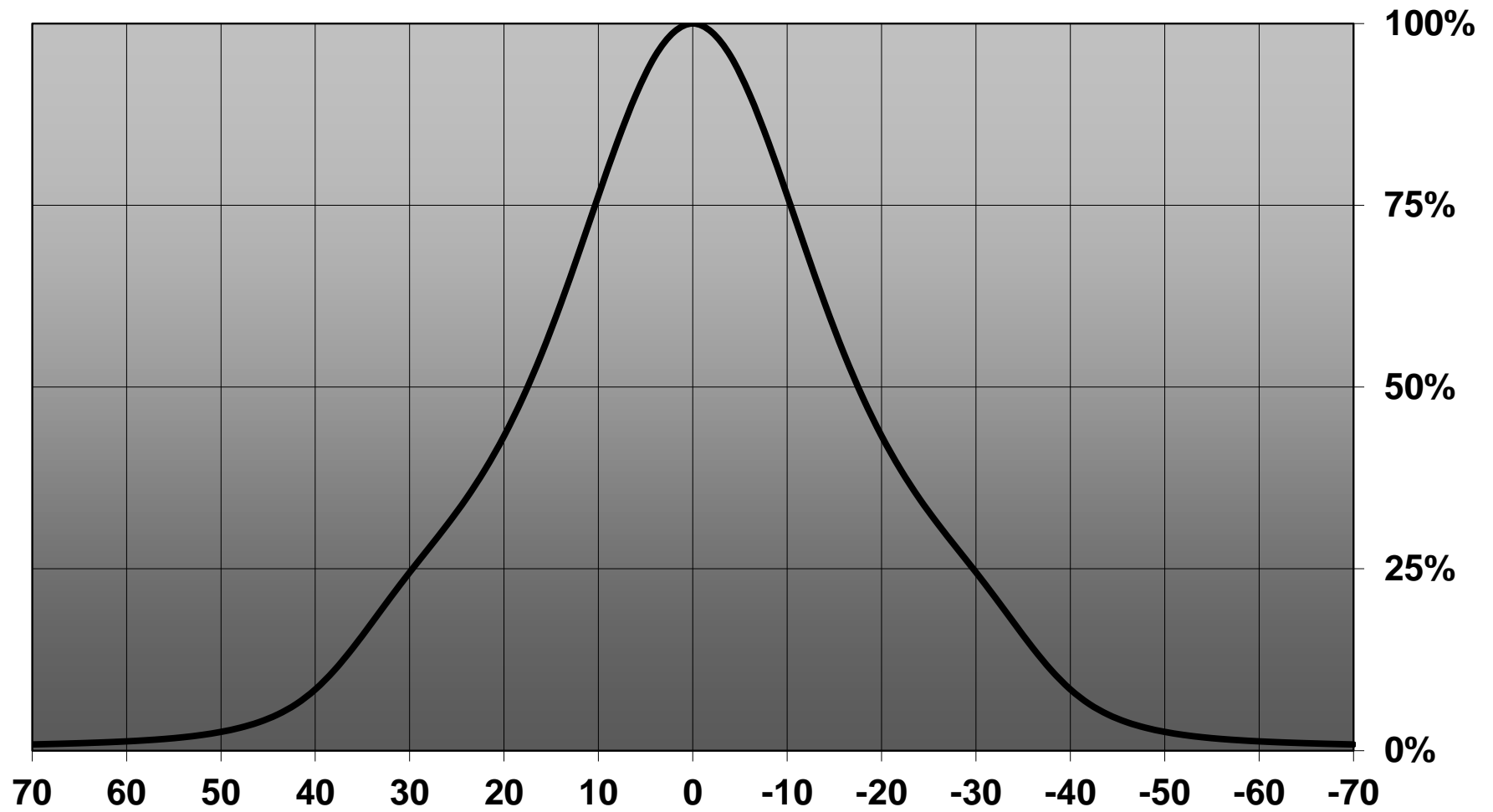
Relative intensity of CN12703_LENINA-S-DL



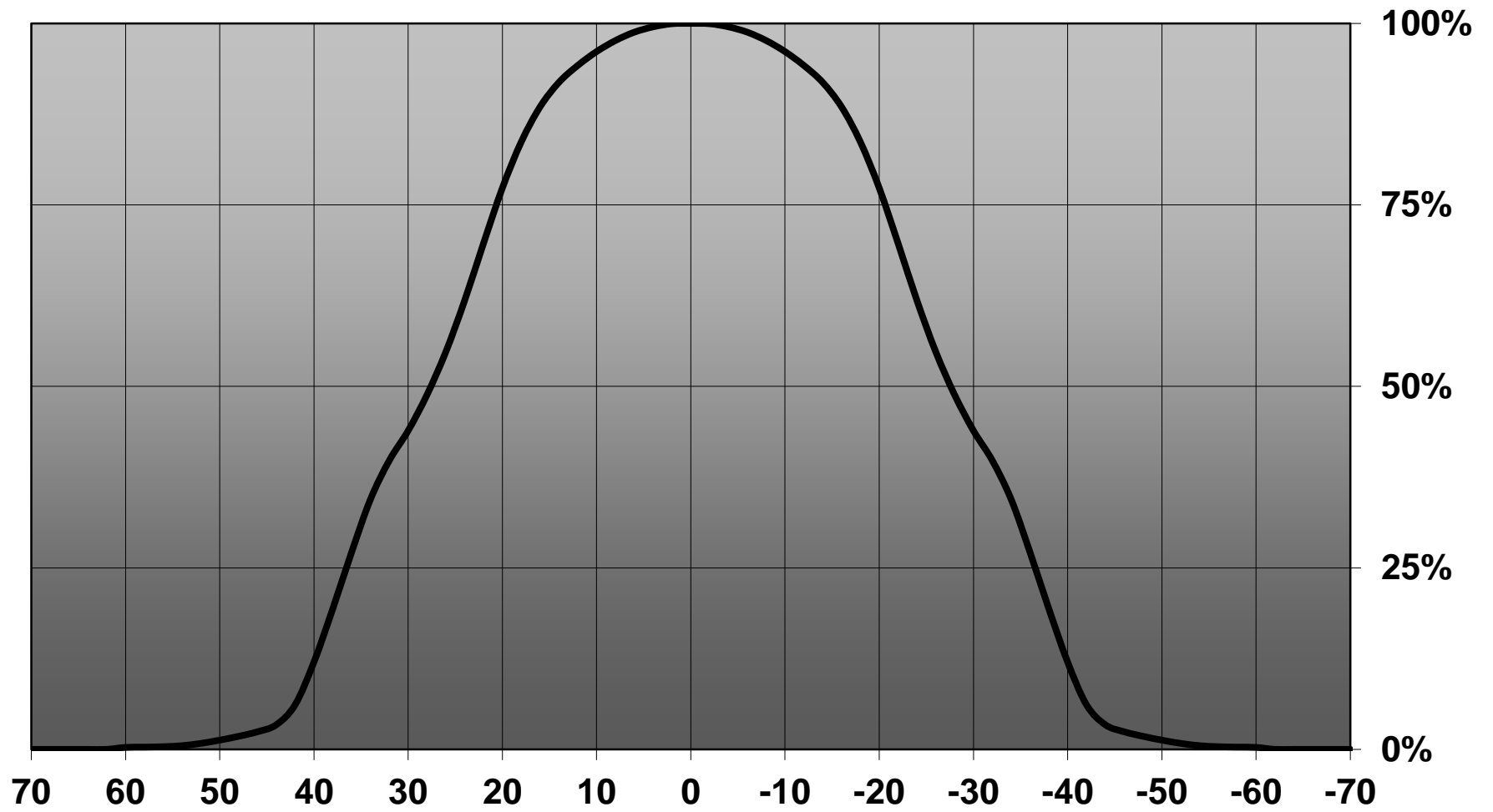
Relative intensity of CN12701_LENINA-M



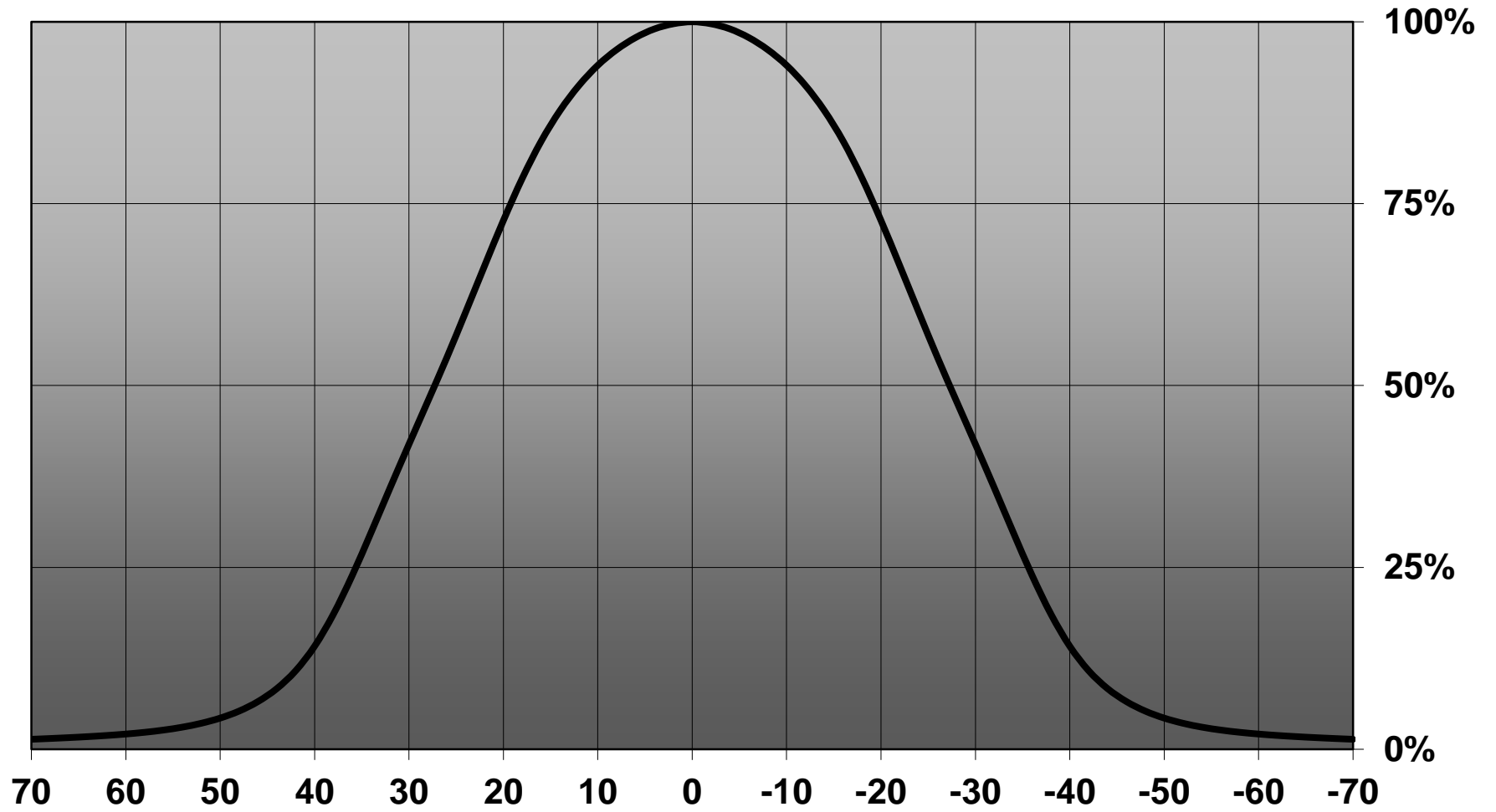
Relative intensity of CN12704_LENINA-M-DL



Relative intensity of CN12702_LENINA-W



Relative intensity of CN12705_LENINA-W-DL



D

C

B

A

4

4

Lens material:
PC, clear

40

h2

3

3

Base material PC, white

Reflector material PC
Metal plated with clear lacquer

2

2

Ø74

NOTE:

Using optional sublens, add 2.1mm to the system height

Dimension 'h2' varies from 4.5mm to 7mm depending on the LED specific base part

This drawing is our property. It can't be reproduced or communicated without our written agreement.



Ledil Oy
Salorankatu 10
FIN-24240 SALO
Finland

DRAWING TITLE

Datasheet Lenina series

1

1

DRAWN BY
pl

DATE
08.03.2012

CHECKED BY

DATE

SIZE
A4

DRAWING NUMBER

--

REV
1

DESIGNED BY
pl

DATE
08.03.2012

SCALE 1:1 WEIGHT (g)

SHEET 1/1

D

A