

**Ordering number** CN12706_LENINA-S

Family	Lenina	FWHM	26 degrees
Type	Reflector	Efficiency	86 %
LED	CLL040	cd/Im	2.600
Color	Metal	Gerber File	Available
Diameter	74 mm		
Height	46.3 mm		
Style	Round		
Optic Material	PC		
Holder Material	PC		
Fastening	Screw		
Status	Ready		

**Ordering number** CN12709_LENINA-S-DL

Family	Lenina	FWHM	30 degrees
Type	Reflector	Efficiency	78 %
LED	CLL040	cd/Im	1.900
Color	Metal	Gerber File	Available
Diameter	74 mm		
Height	48.4 mm		
Style	Round		
Optic Material	PC		
Holder Material	PC		
Fastening	Screw		
Status	Ready		

**Ordering number** CN12707_LENINA-M

Family	Lenina	FWHM	40 degrees
Type	Reflector	Efficiency	86 %
LED	CLL040	cd/Im	1.500
Color	Metal	Gerber File	Available
Diameter	74 mm		
Height	46.3 mm		
Style	Round		
Optic Material	PC		
Holder Material	PC		
Fastening	Screw		
Status	Ready		

**Ordering number** CN12710_LENINA-M-DL

Family	Lenina	FWHM	43 degrees
Type	Reflector	Efficiency	78 %
LED	CLL040	cd/Im	1.200
Color	Metal	Gerber File	Available
Diameter	74 mm		
Height	48.4 mm		
Style	Round		
Optic Material	PC		
Holder Material	PC		
Fastening	Screw		
Status	Ready		

**Ordering number** CN12711_LENINA-W-DL

Family	Lenina	FWHM	56 degrees
Type	Reflector	Efficiency	76 %
LED	CLL040	cd/Im	0.900
Color	Metal	Gerber File	Available
Diameter	74 mm		
Height	48.4 mm		
Style	Round		
Optic Material	PC		
Holder Material	PC		
Fastening	Screw		
Status	Ready		

**Ordering number** CN12708_LENINA-W

Family	Lenina	FWHM	59 degrees
Type	Reflector	Efficiency	84 %
LED	CLL040	cd/Im	1.000
Color	Metal	Gerber File	Available
Diameter	74 mm		
Height	46.3 mm		
Style	Round		
Optic Material	PC		
Holder Material	PC		
Fastening	Screw		
Status	Ready		

**Ordering number** CN12965_LENINA-XW

Family	Lenina	FWHM	71 degrees
Type	Assembly	Efficiency	89 %
LED	CLL040	cd/Im	0.617
Color	White	Gerber File	Available
Diameter	74 mm		
Height	46.3 mm		
Style	Round		
Optic Material	PC		
Holder Material	PC		
Fastening	Socket		
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

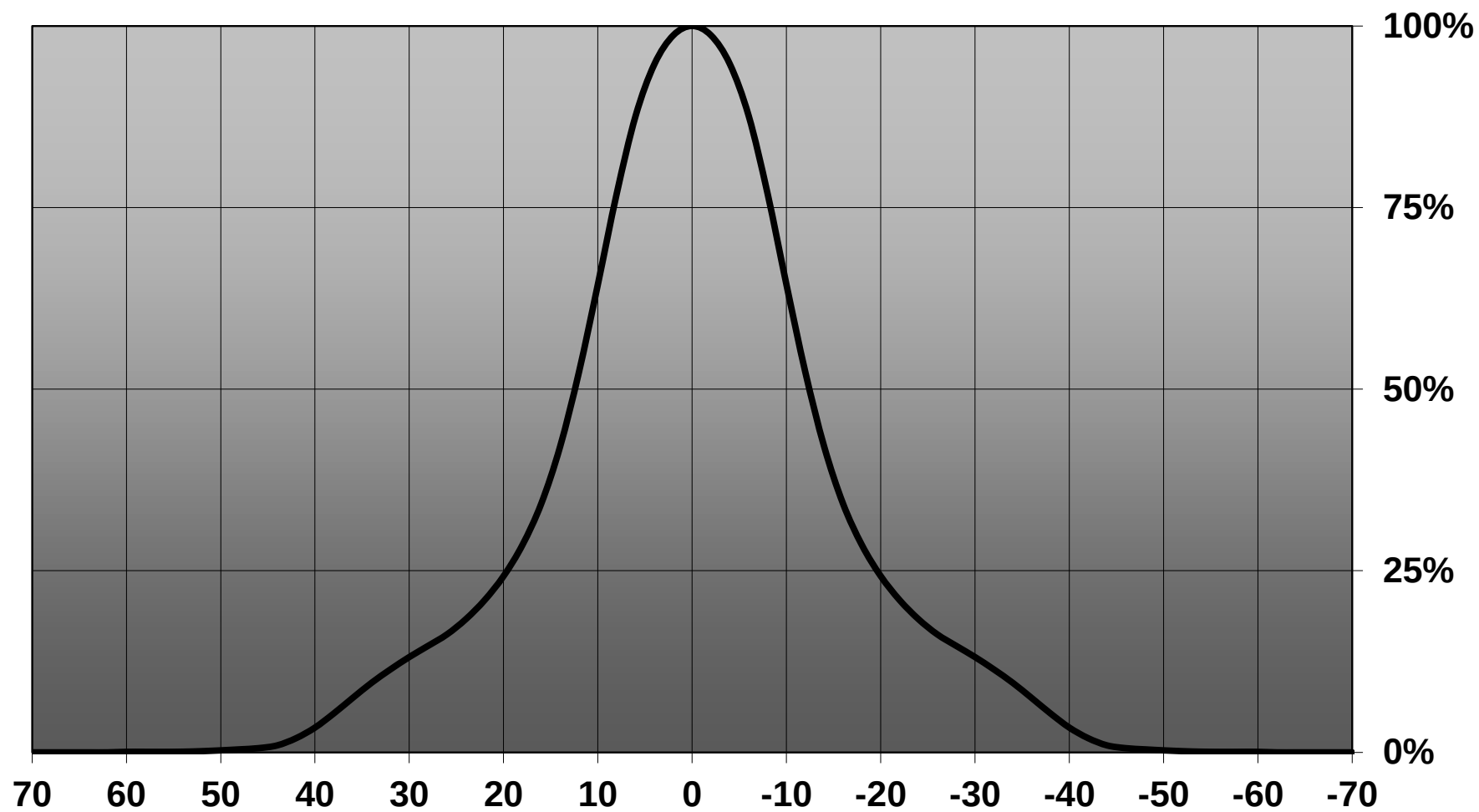
last update 27/9/2012

CITIZEN

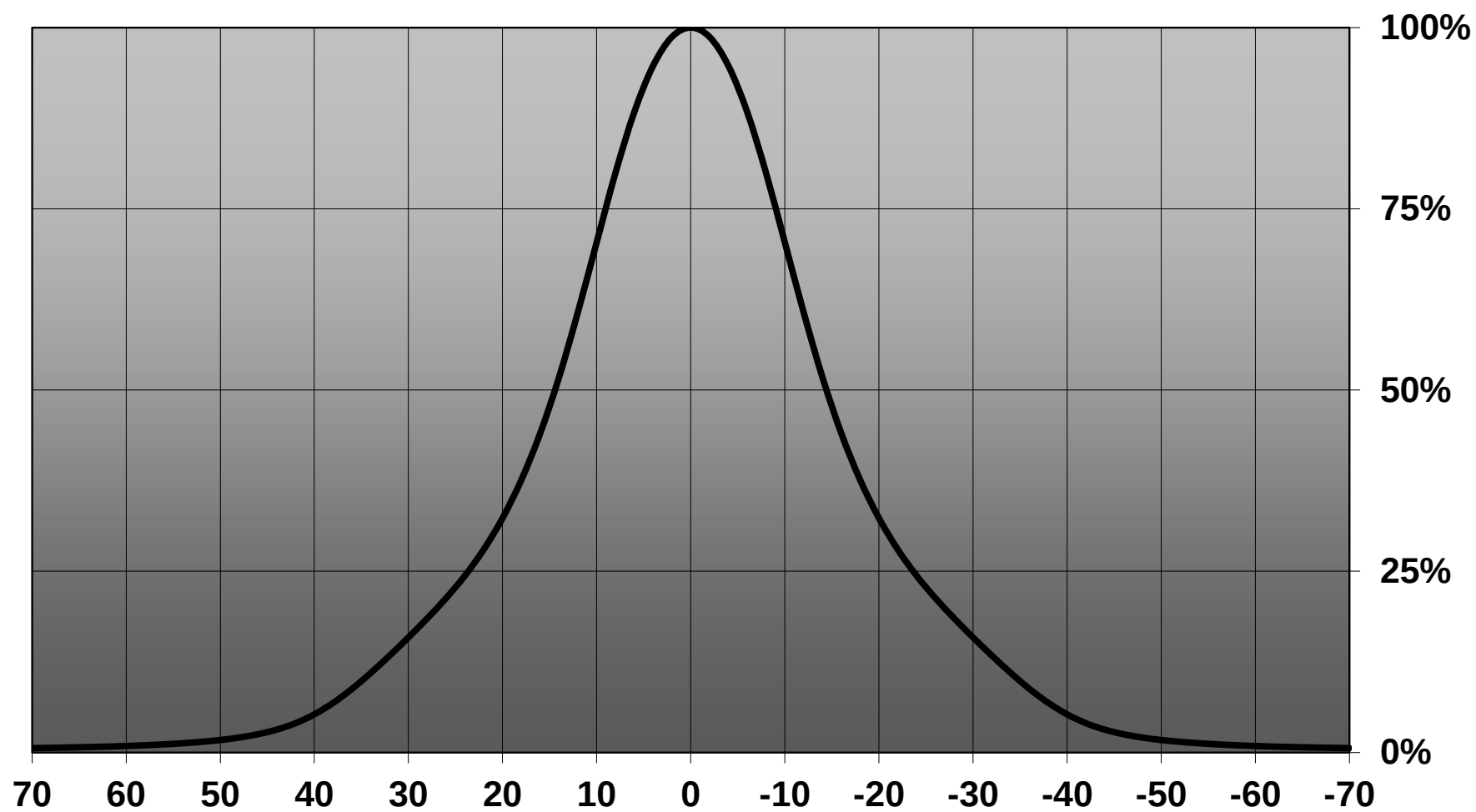
GENERAL INFORMATION

- Product series especially designed & optimized for CLL040 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).

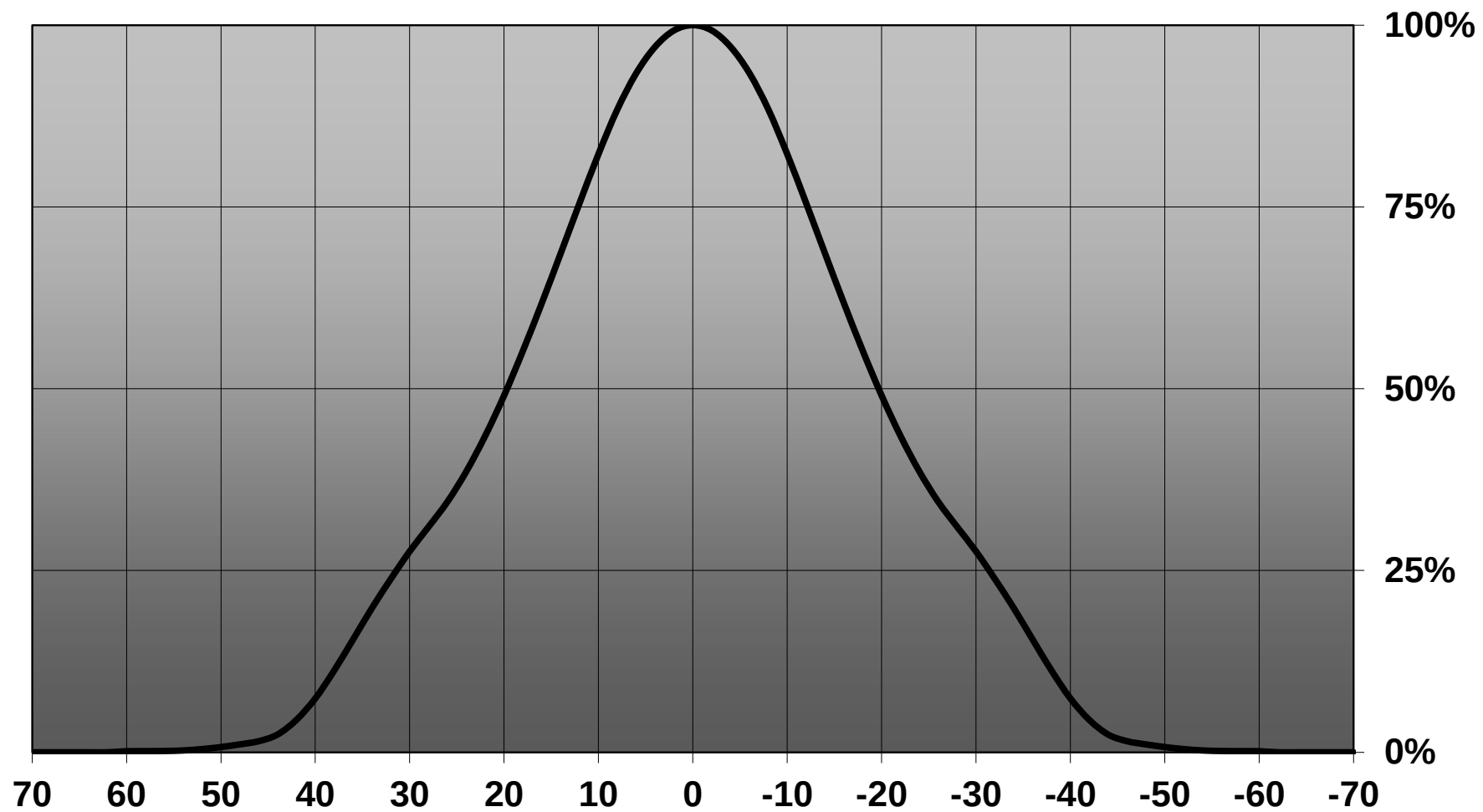
Relative intensity of CN12706_LENINA-S



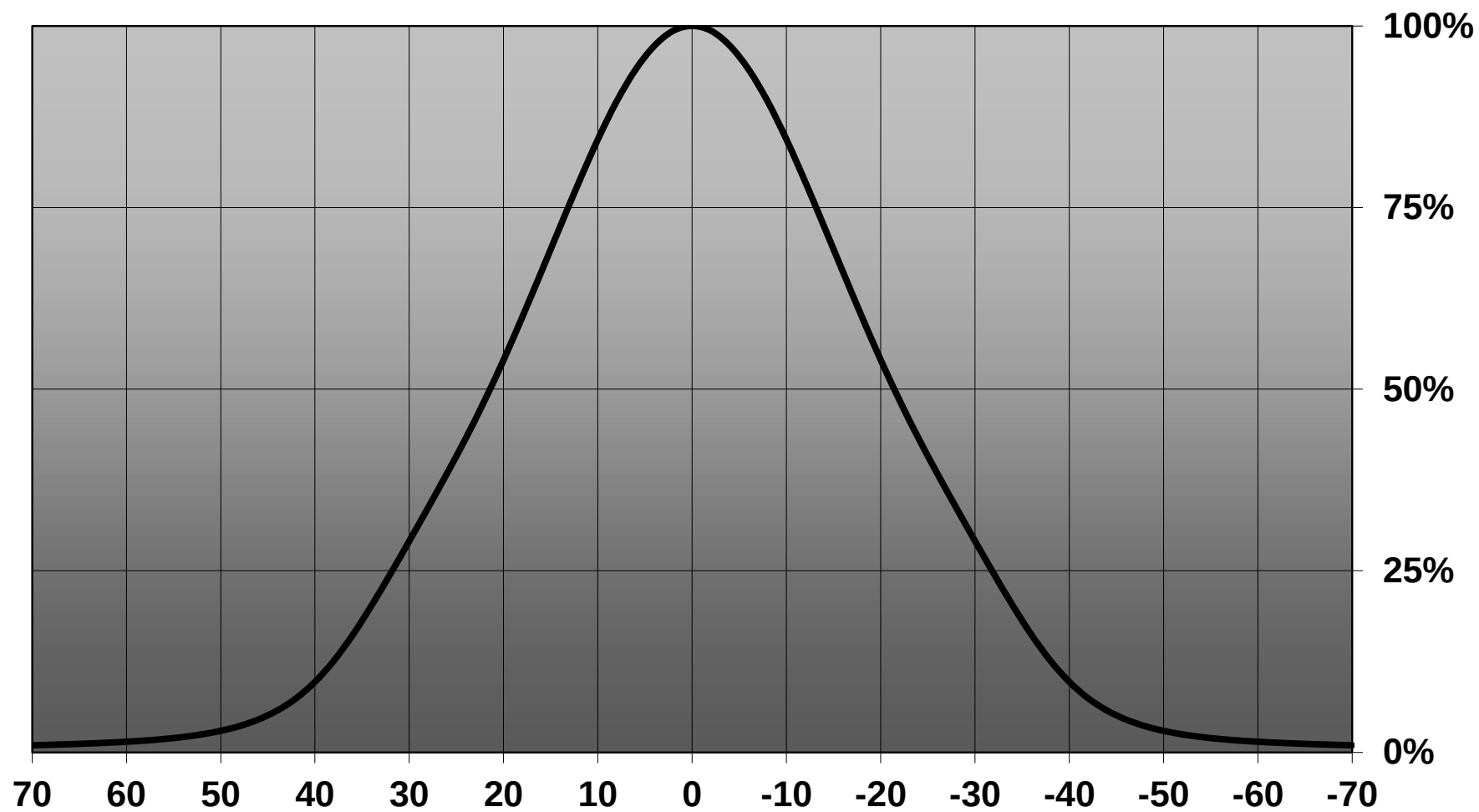
Relative intensity of CN12709_LENINA-S-DL



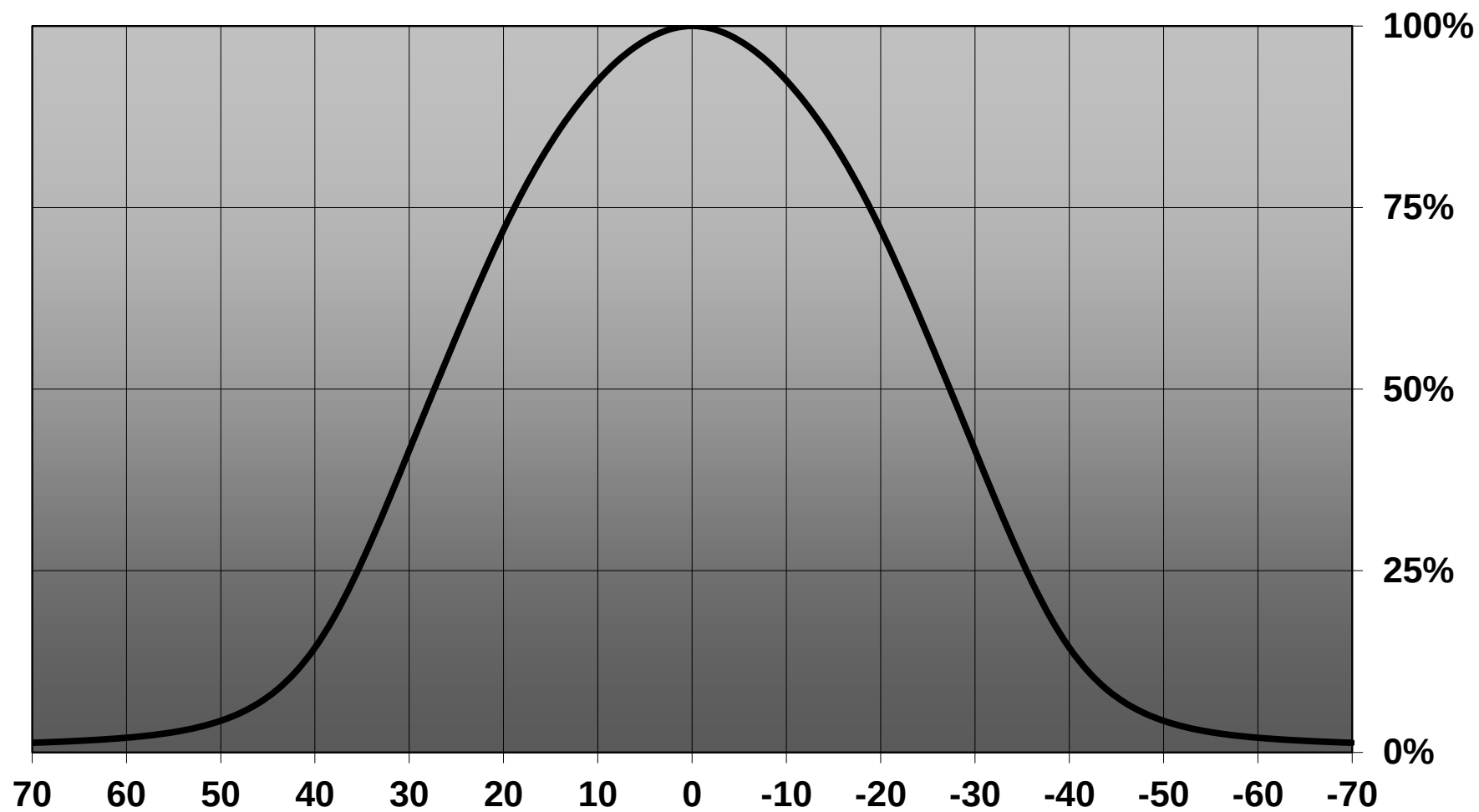
Relative intensity of CN12707_LENINA-M



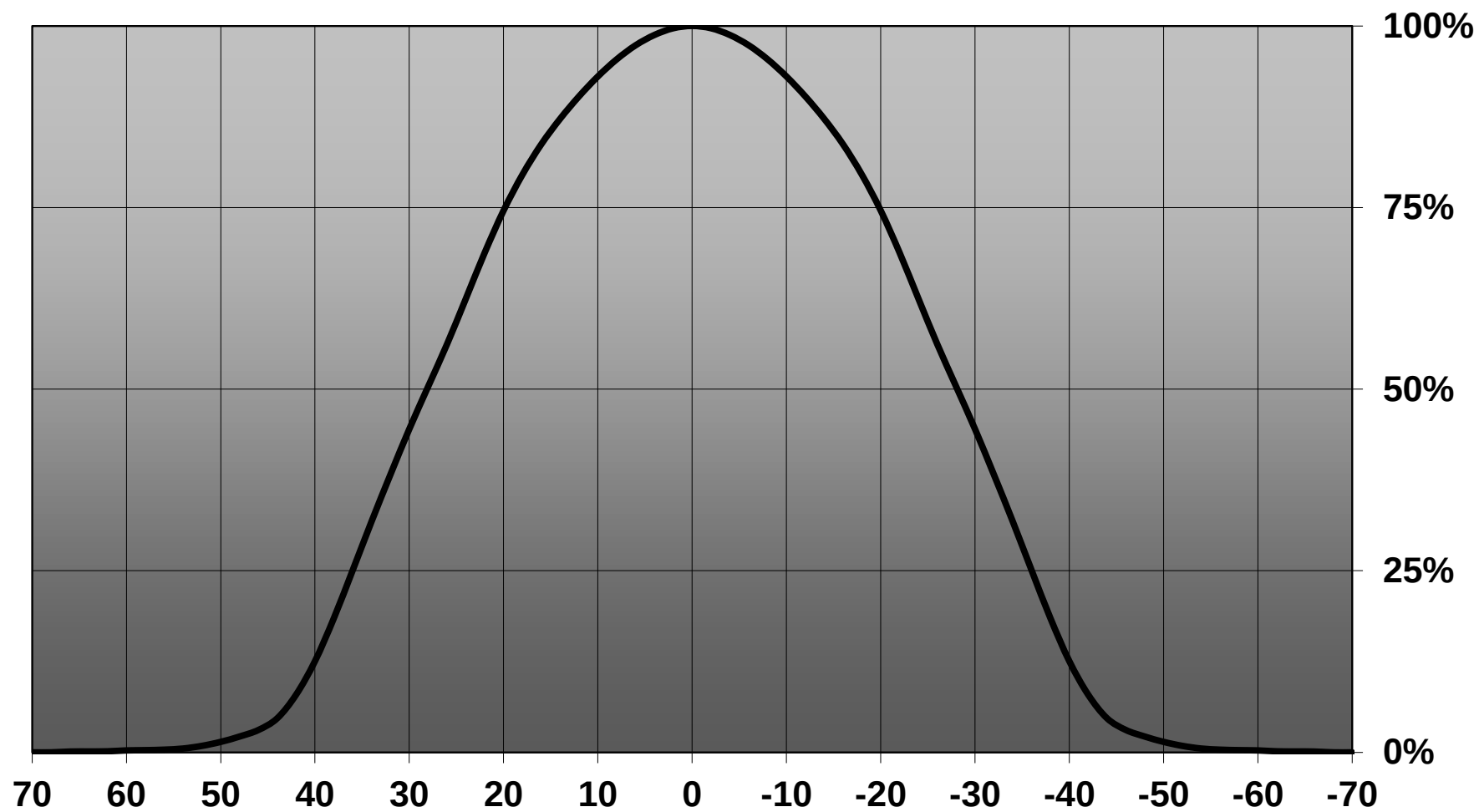
Relative intensity of CN12710_LENINA-M-DL



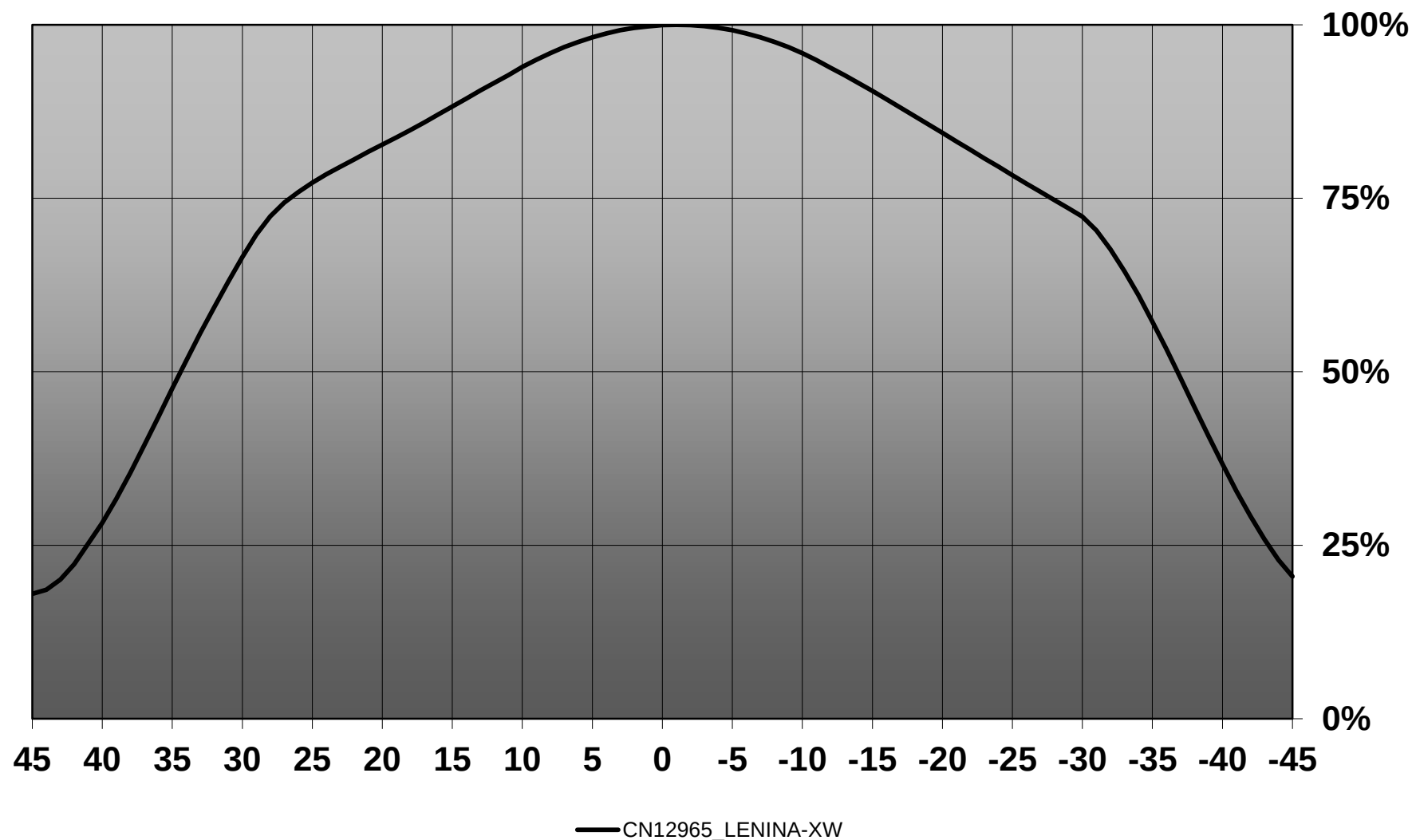
Relative intensity of CN12711_LENINA-W-DL



Relative intensity of CN12708_LENINA-W



Absolute intensity of CN12965_LENINA-XW



4

3

2

1

D

C

B

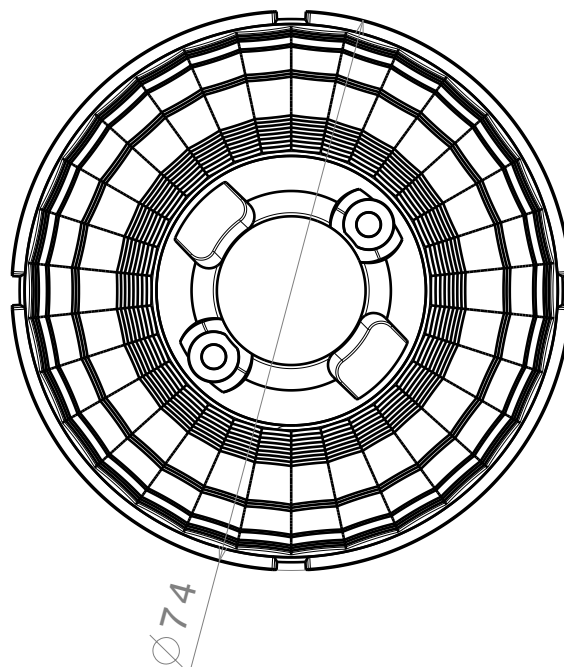
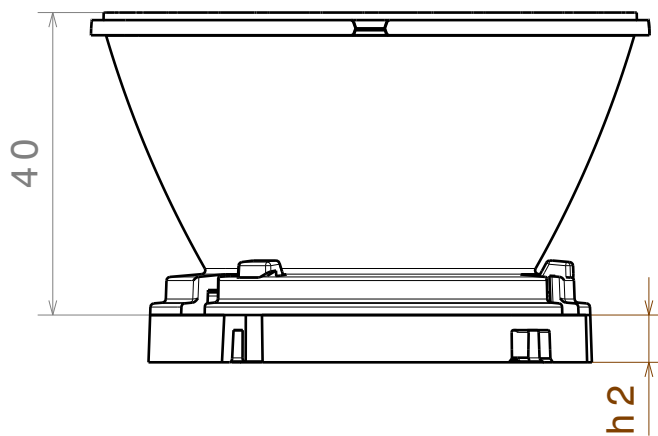
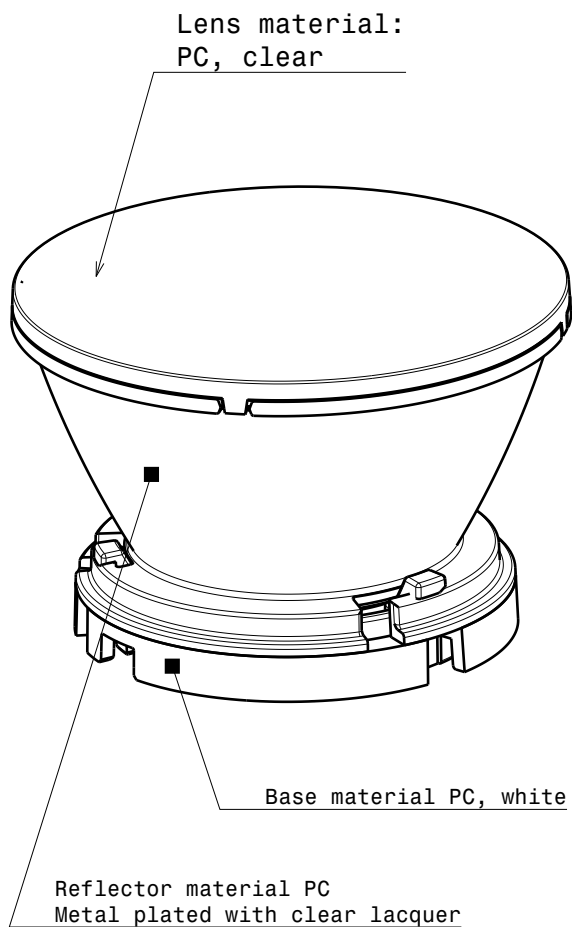
A

4

3

2

1



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

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Ledil Oy
Salorankatu 10
FIN-24240 SALO
Finland

DRAWING TITLE

Datasheet Lenina series

DRAWN BY
pl

DATE
08.03.2012

CHECKED BY

DATE

SIZE
A4

DRAWING NUMBER

REV
1

DESIGNED BY
pl

DATE
08.03.2012

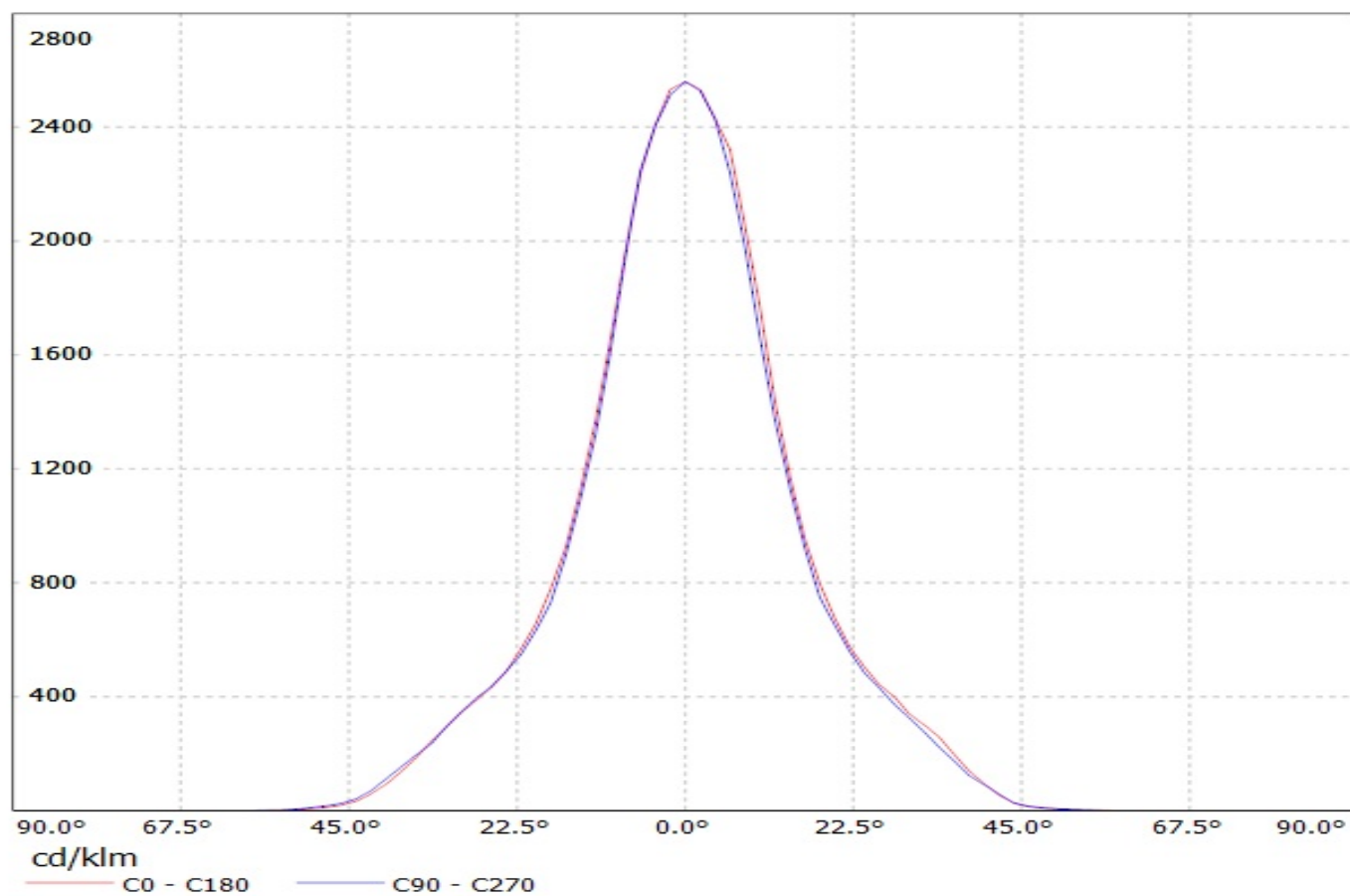
SCALE 1:1 **WEIGHT (g)**

SHEET 1/1

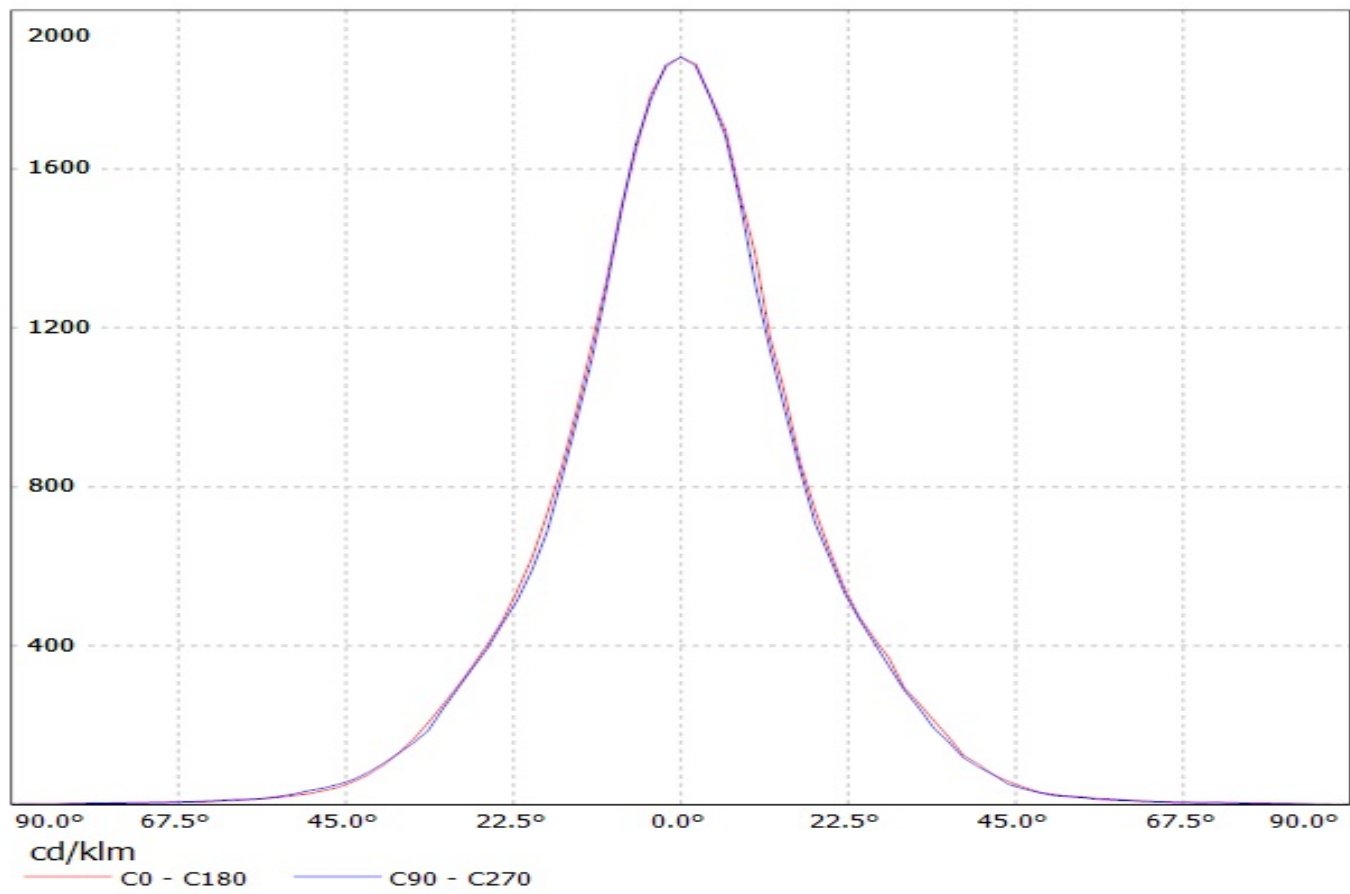
D

A

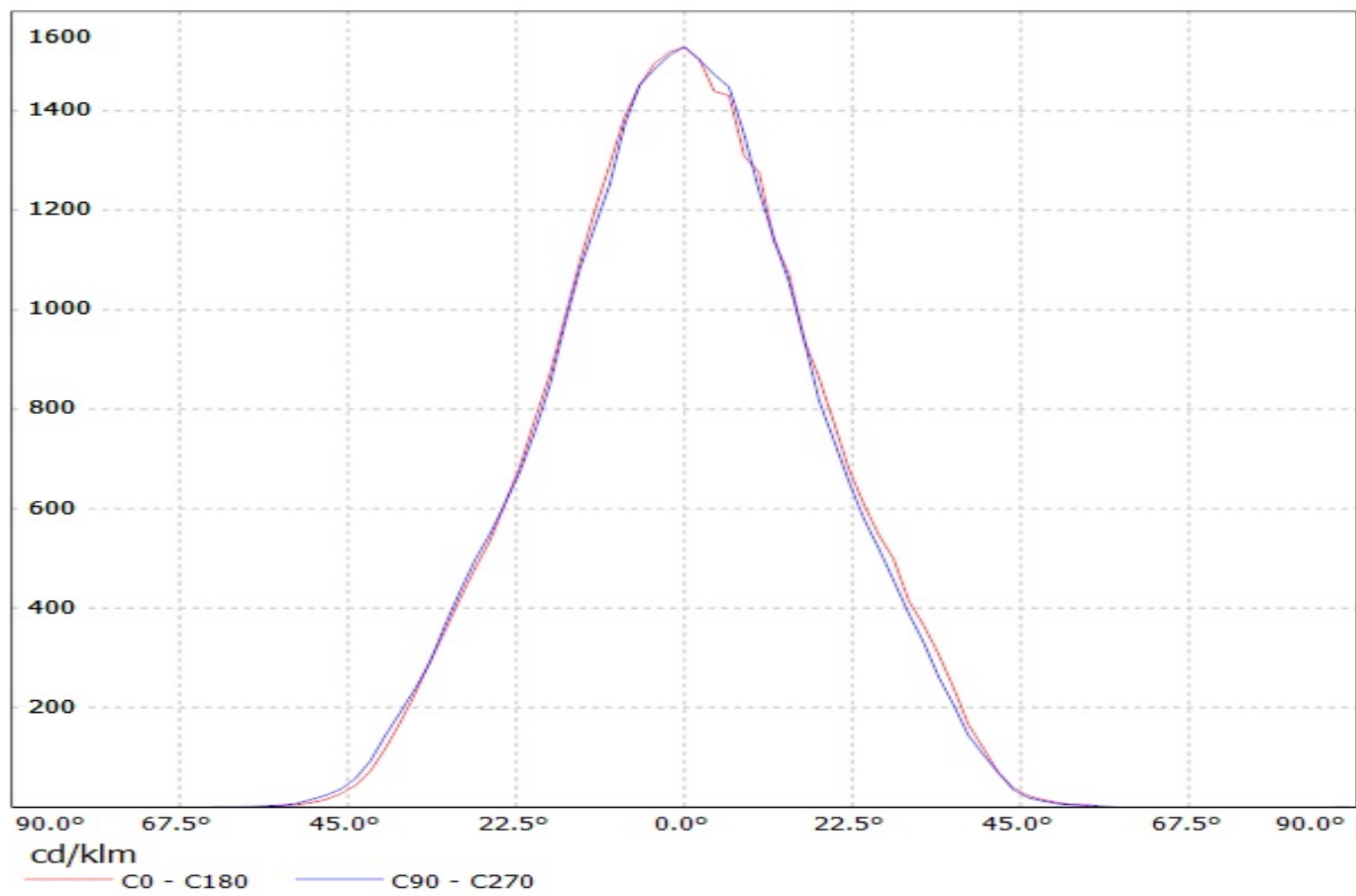
Luminaire: Ledil Oy CN12706_LENINA-S (Citizen CLL040-1818 1044lm @ 250mA) Efficiency=86%
Lamps: 1 x Citizen CLL040-1818 1044lm @ 250mA



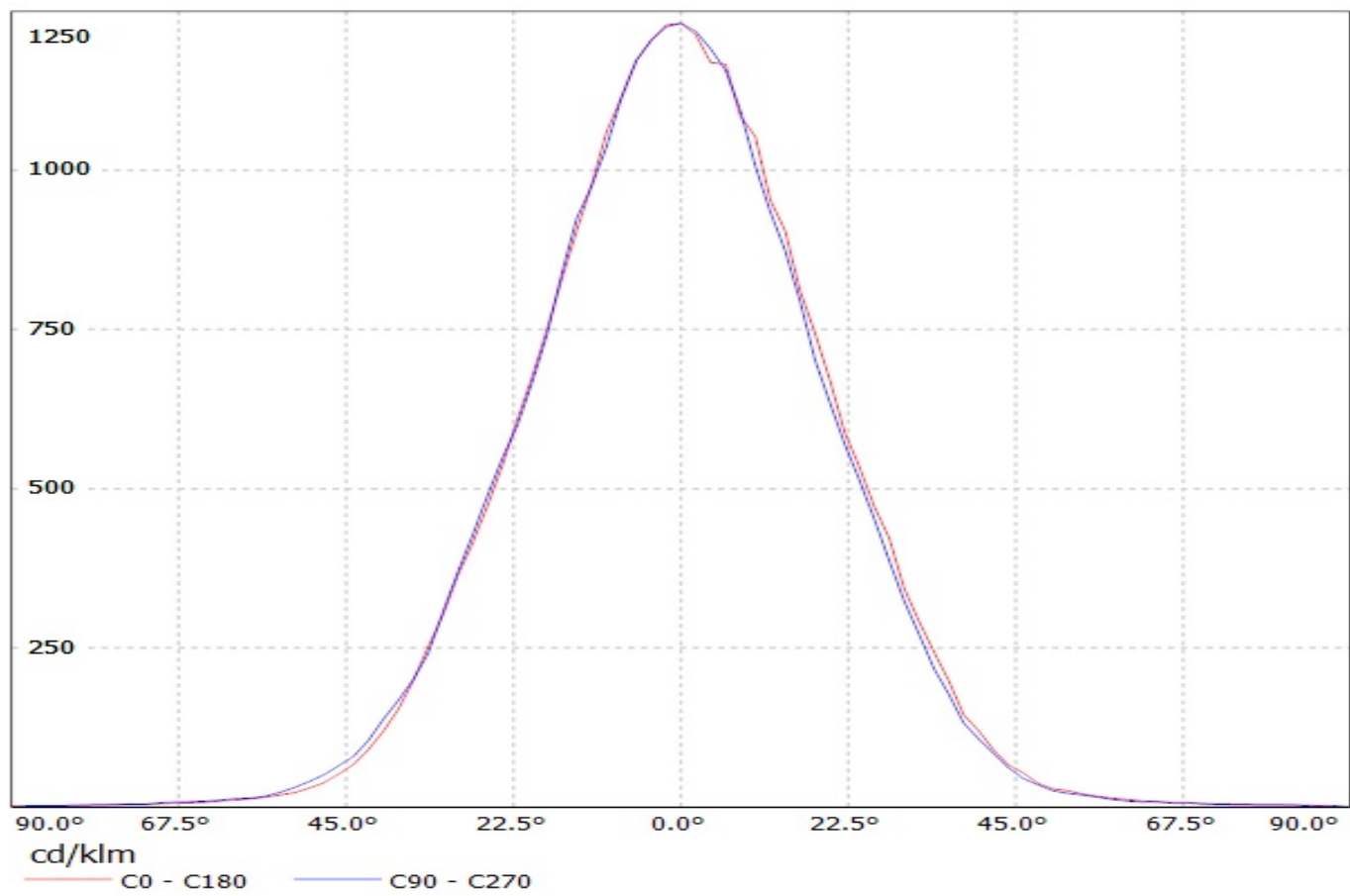
Luminaire: Ledil Oy CN12709_LENINA-S-DL (Citizen CLL040-1818 1044lm @ 250mA) Efficiency=78%
Lamps: 1 x Citizen CLL040-1818 1044lm @ 250mA



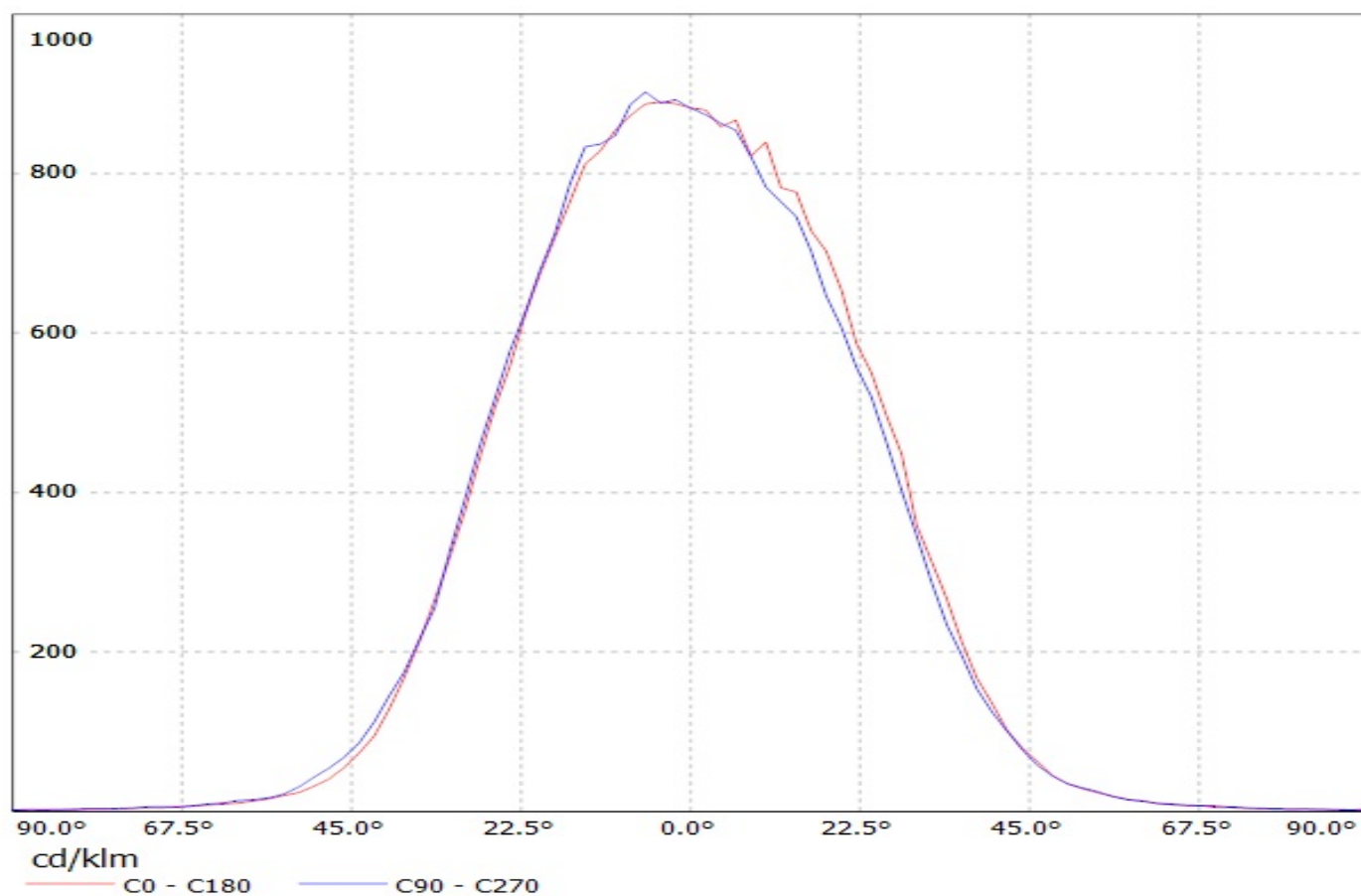
Luminaire: Ledil Oy CN12707_LENINA-M (Citizen CLL040 1044lm @ 250mA) Efficiency=86%
Lamps: 1 x Citizen CLL040 1044lm @ 250mA



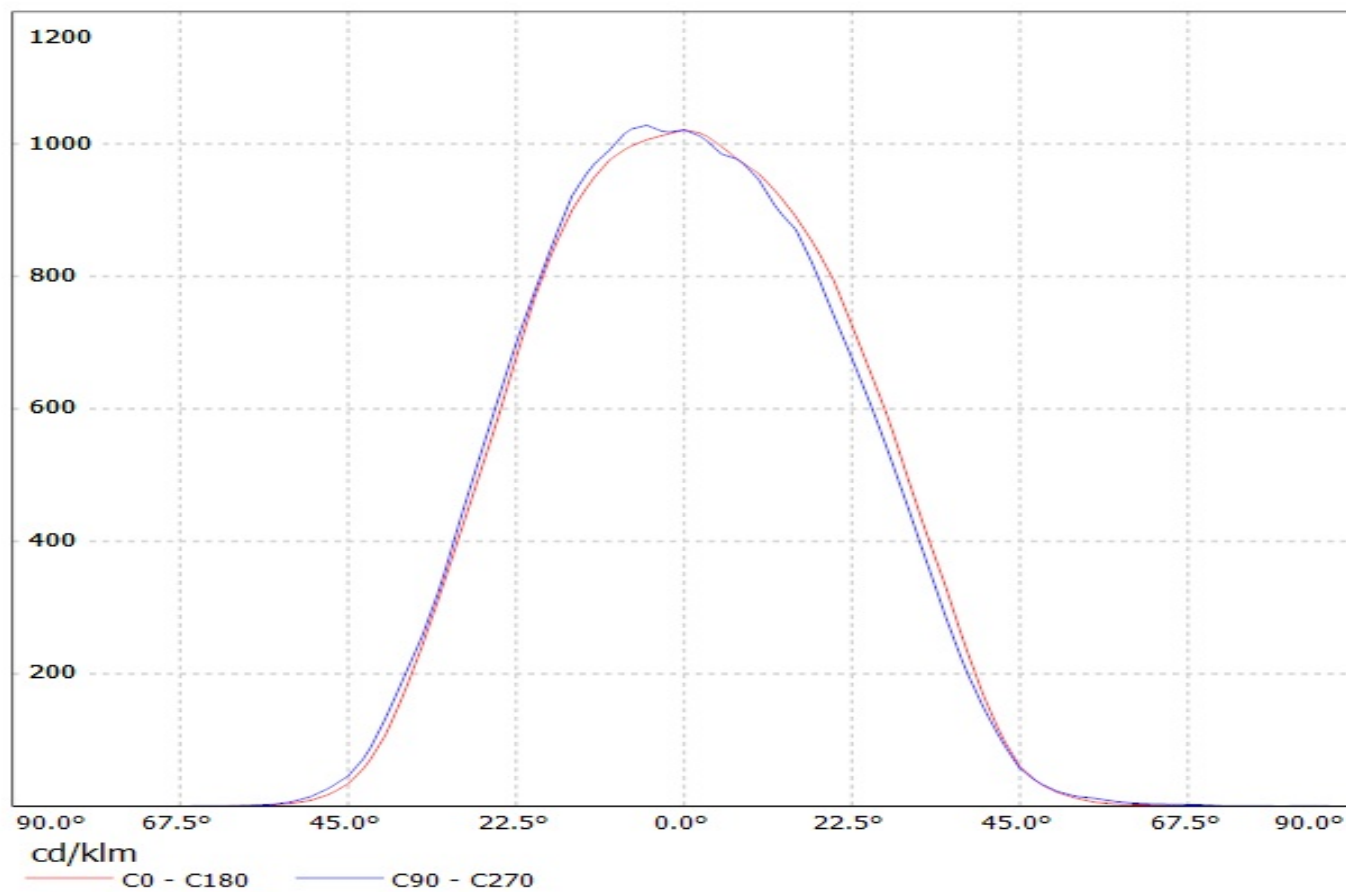
Luminaire: Ledil Oy CN12710_LENINA-M-DL (Citizen CLL040 1044lm @ 250mA) Efficiency=78%
Lamps: 1 x Citizen CLL040 1044lm @ 250mA



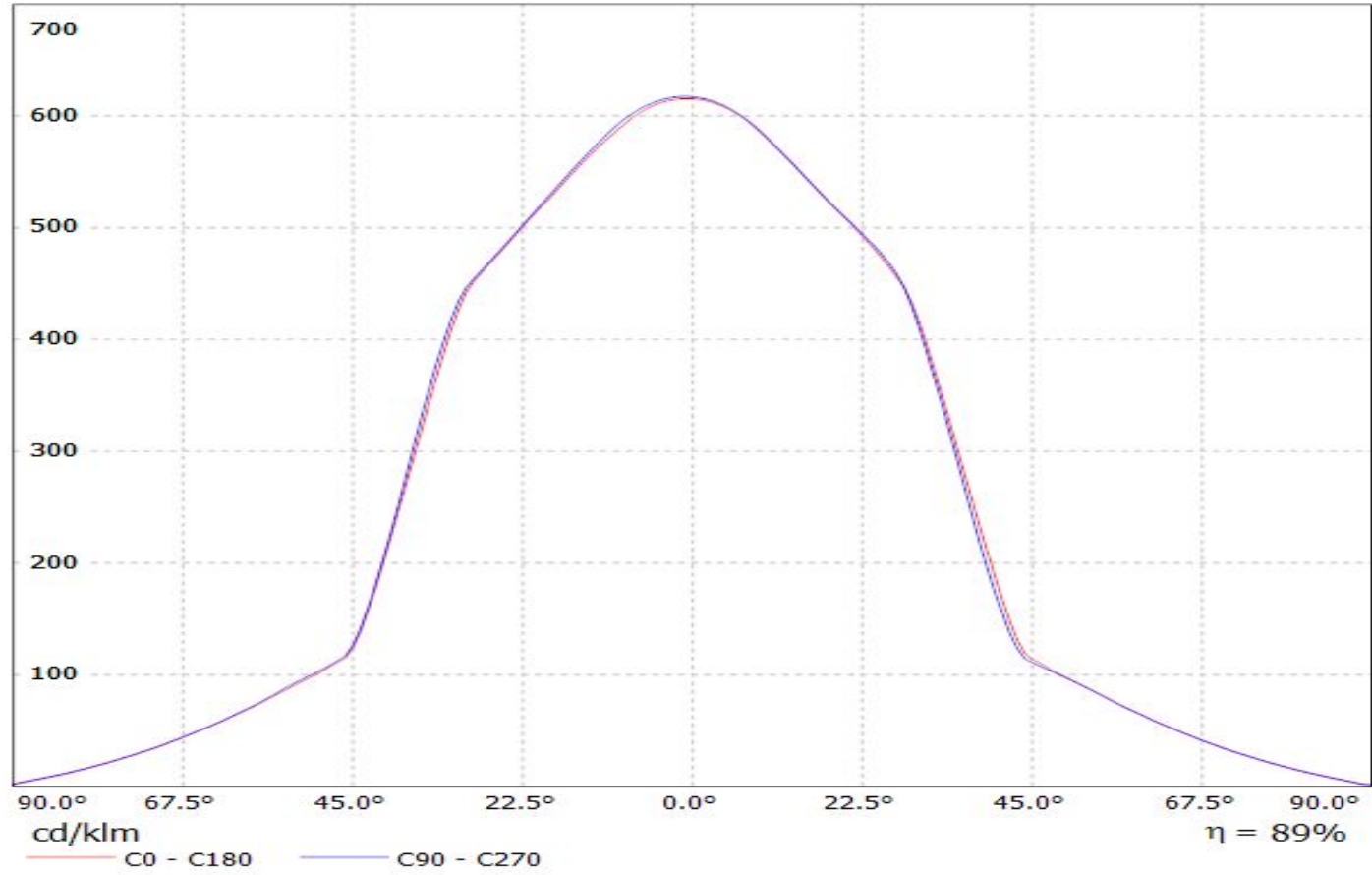
Luminaire: Ledil Oy CN12711_LENINA-W-DL (Citizen CLL040 1044lm @ 250mA) Efficiency=76%
Lamps: 1 x Citizen CLL040 1044lm @ 250mA



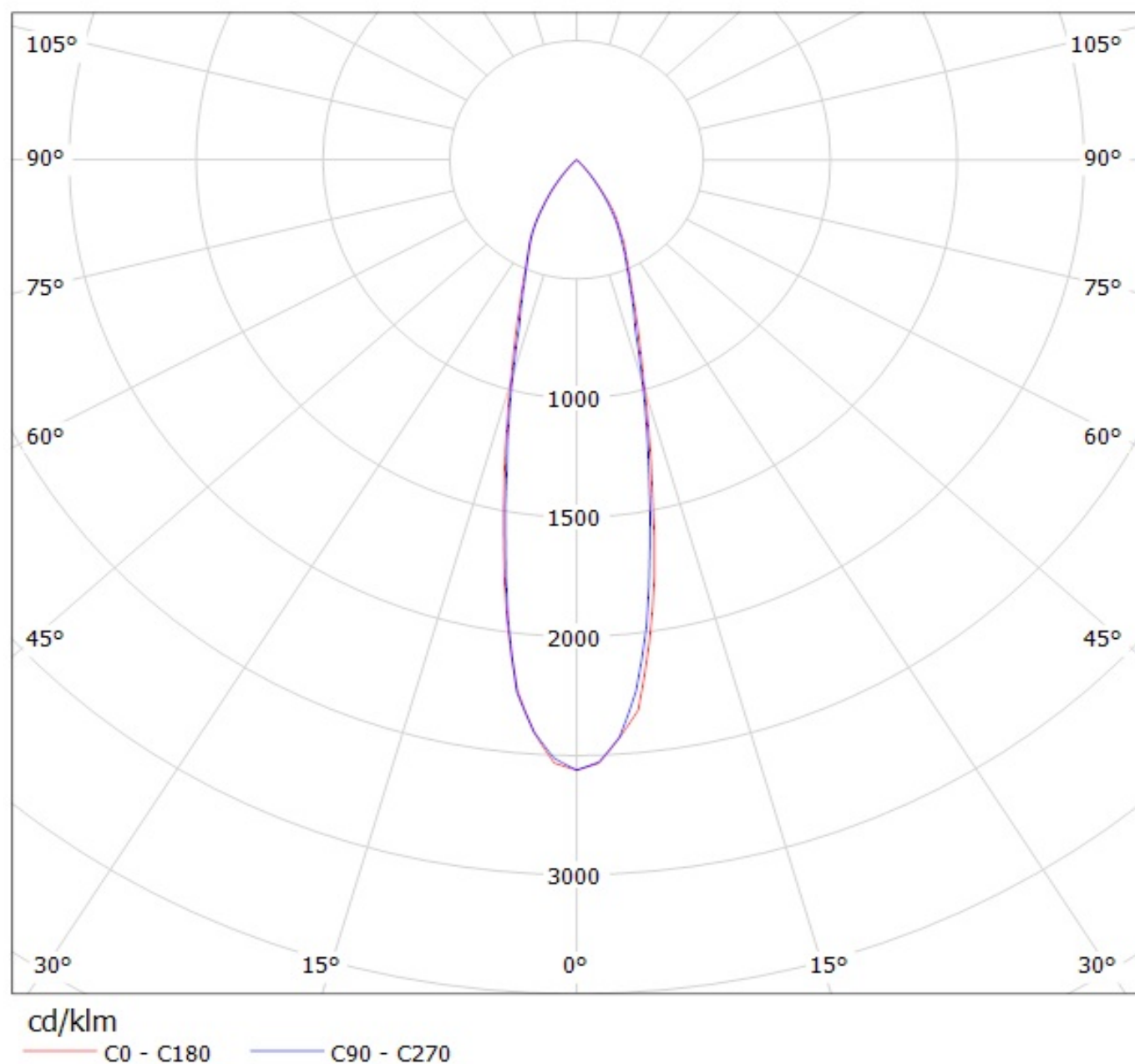
Luminaire: Ledil Oy CN12708_LENINA-W (Citizen CLL040 1044lm @ 250mA) Efficiency=84%
Lamps: 1 x Citizen CLL040 1044lm @ 250mA



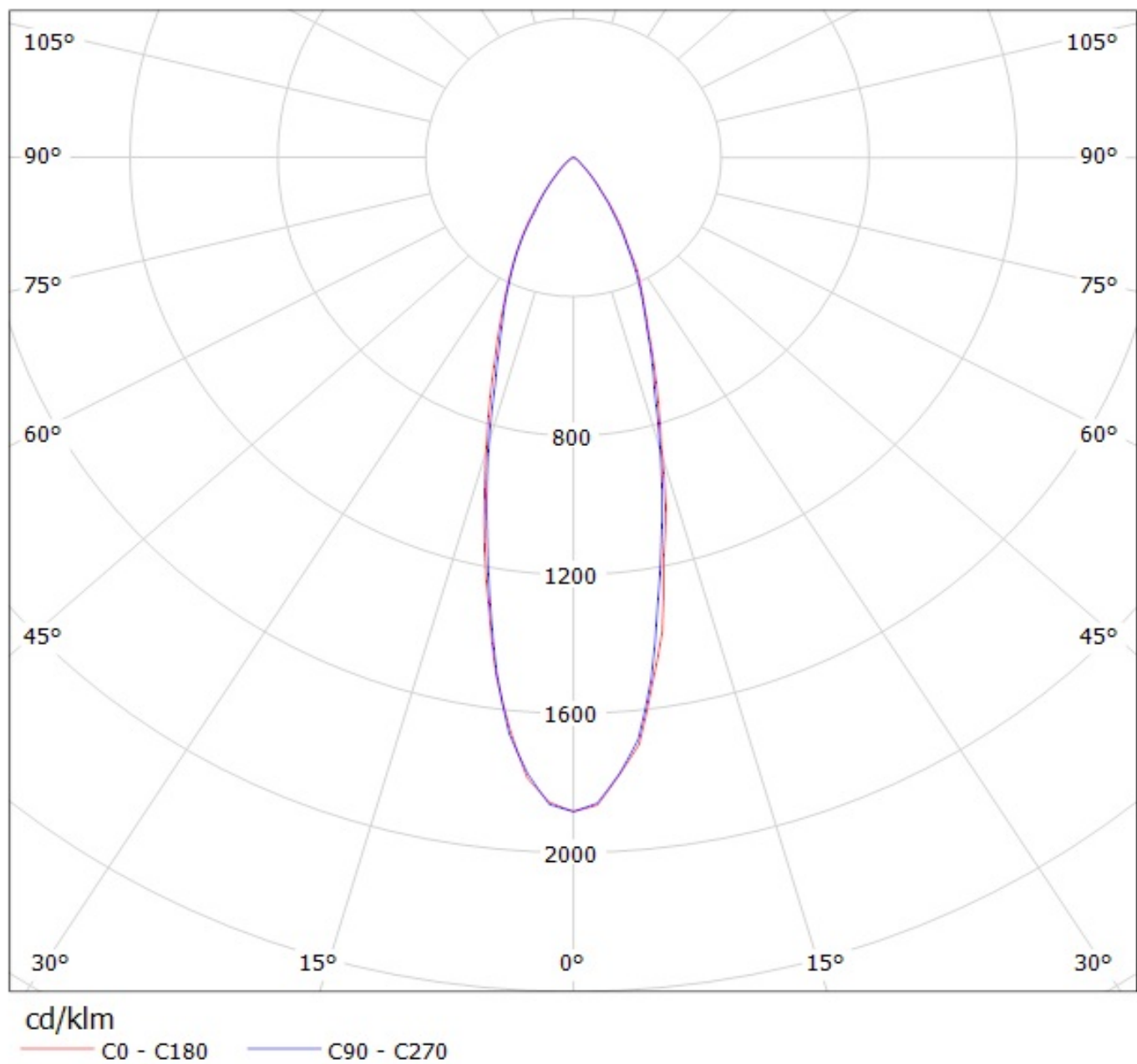
Luminaire: LEDIL OY CN12965_LENINA-XW Eff.88.8%
Lamps: 1 x CLL040 (897.6lm@250mA)



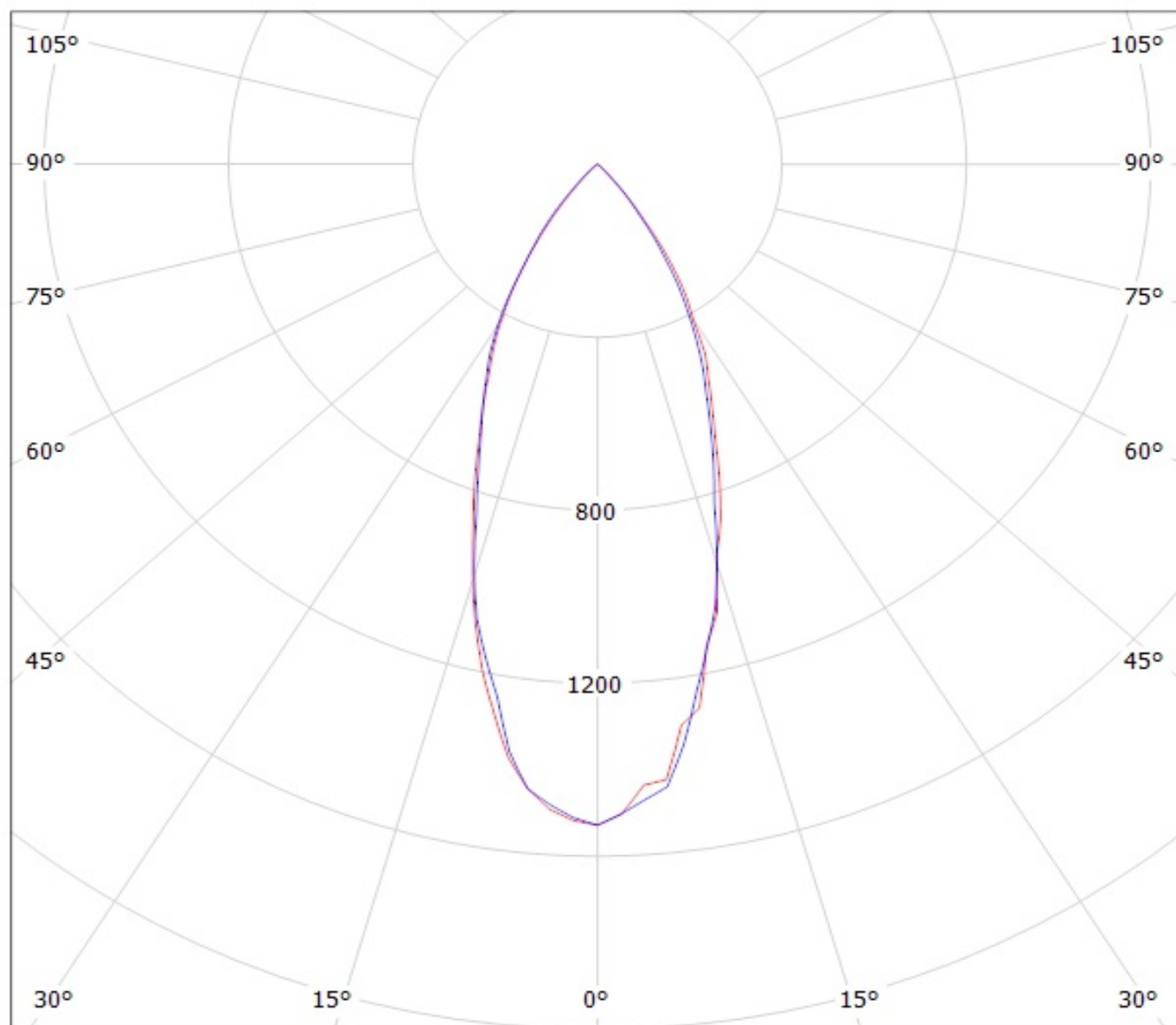
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Lamps: 1 x Citizen CLL040-1818 1044lm @ 250mA



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Lamps: 1 x Citizen CLL040 1044lm @ 250mA

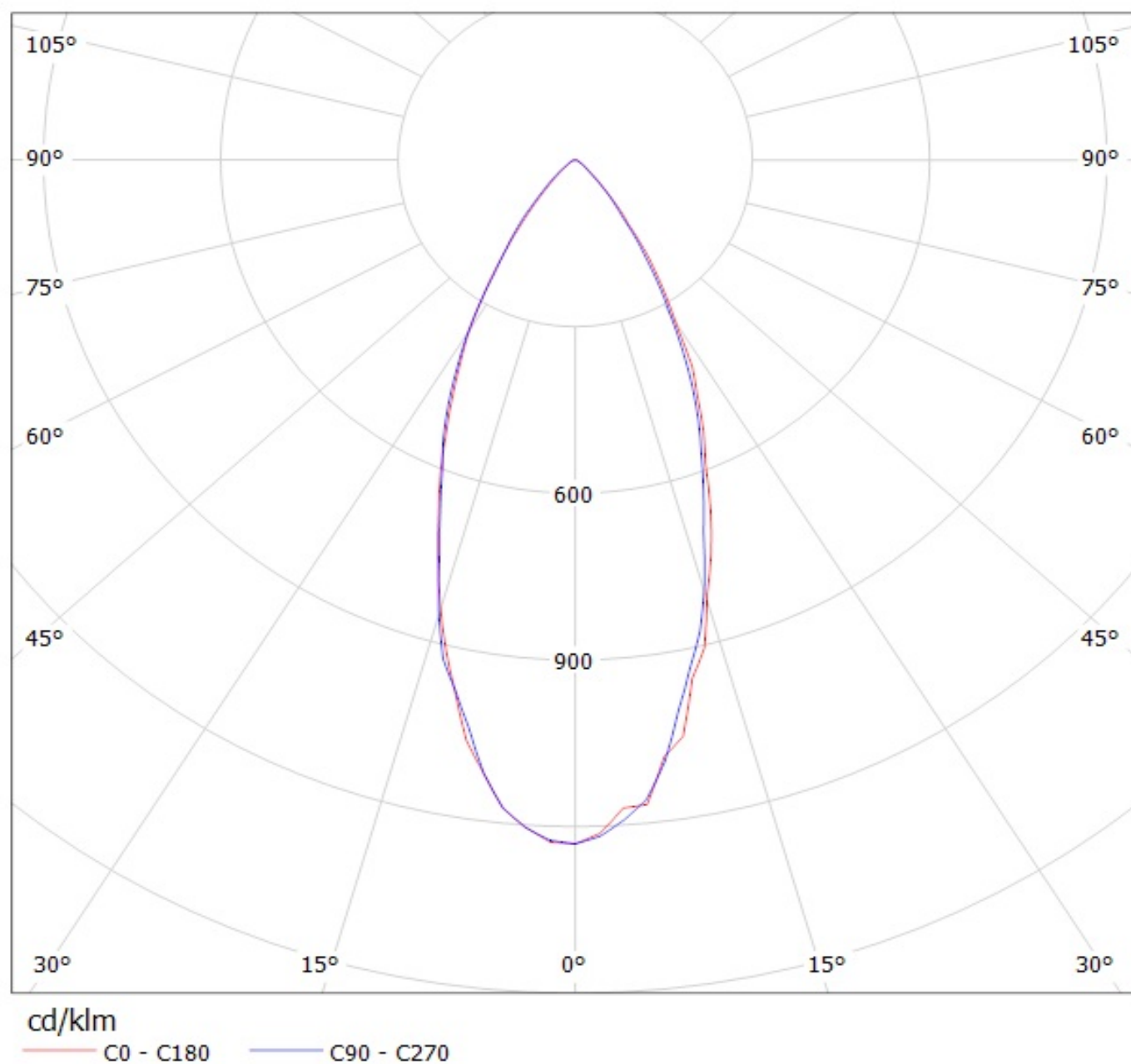


cd/klm

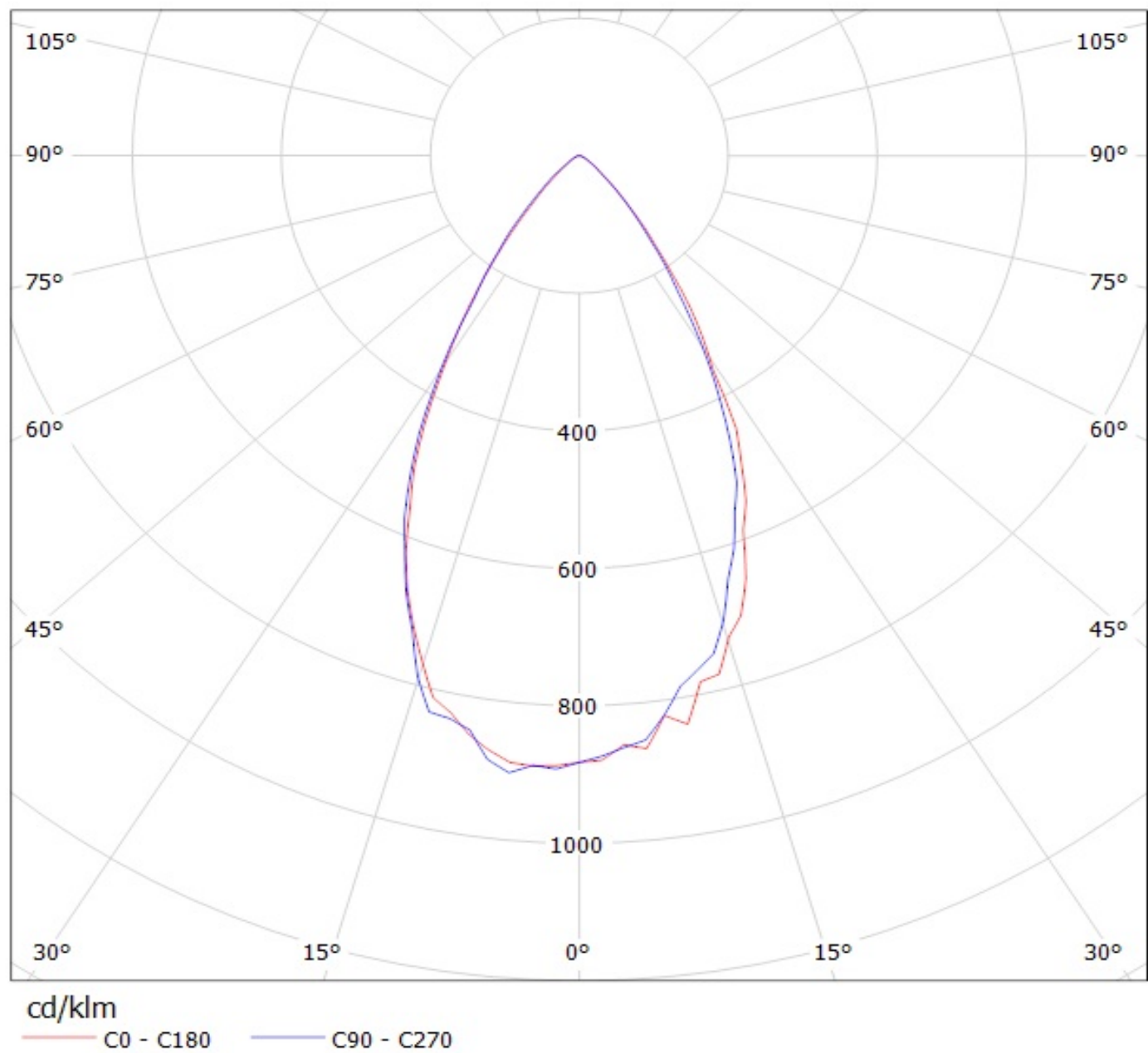
— C0 - C180

— C90 - C270

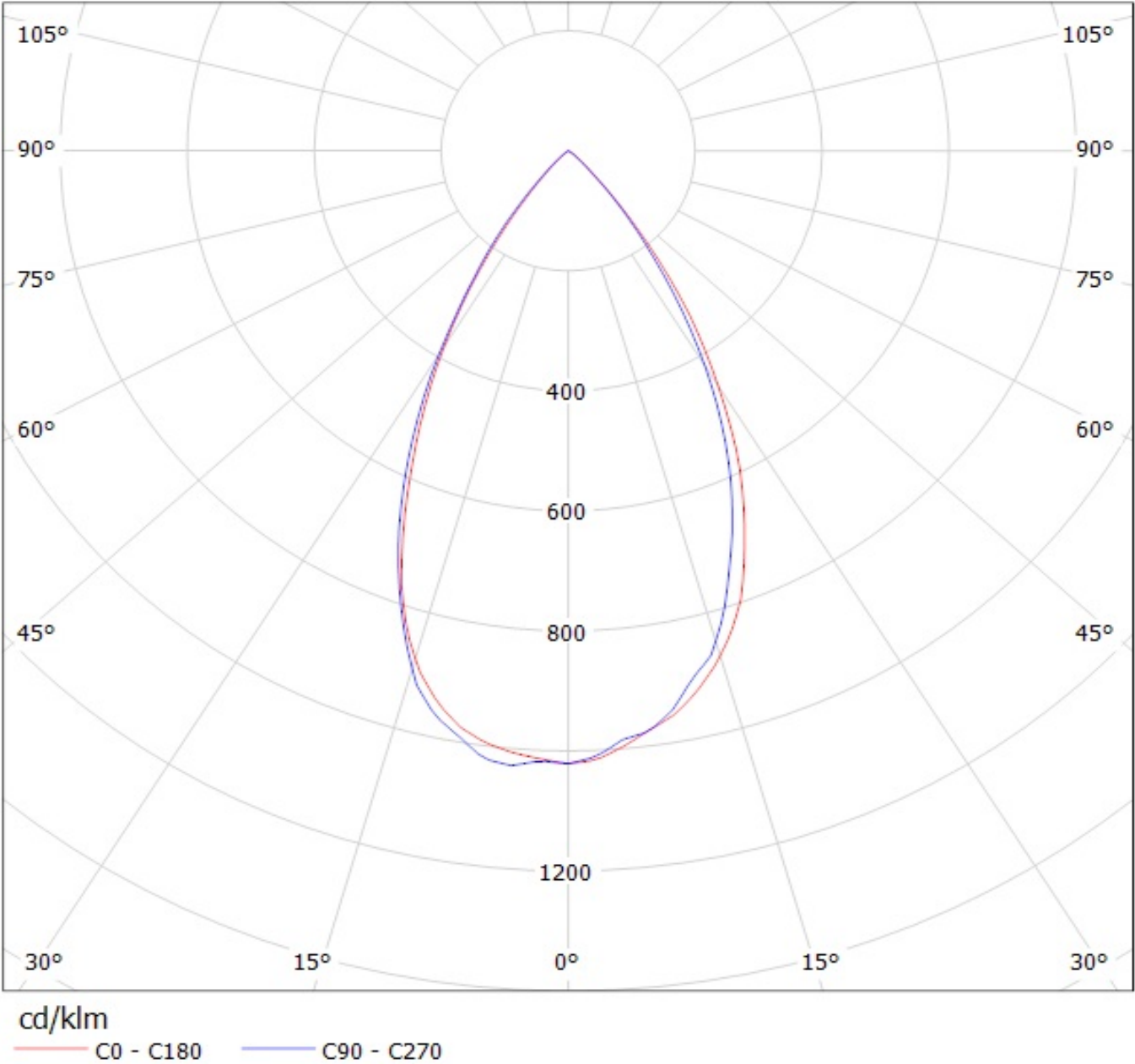
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Lamps: 1 x Citizen CLL040 1044lm @ 250mA



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Lamps: 1 x CLL040 (897.6lm@250mA)

