

**Product number CN13344_LENINA-S**

Family	Lenina
Type	RefPack
LED	CXA/B 25xx
Color	Metal
Diameter	74 mm
Height	47.3 mm
Style	Round
Optic Material	-
Holder Material	-
Fastening	["socket"]
Status	Production ready

FWHM	22 degrees
Efficiency	86 %
cd/Im	3.200
Gerber File	Available

Reflector twist-and-locks into included base part that holds COB in place. Base part is attached into heat sink with screws.

**Product number CN13347_LENINA-S-DL**

Family	Lenina
Type	RefPack
LED	CXA/B 25xx
Color	Metal
Diameter	74 mm
Height	49.4 mm
Style	Round
Optic Material	PC
Holder Material	-
Fastening	["socket"]
Status	Production ready

FWHM	23 degrees
Efficiency	78 %
cd/Im	2.700
Gerber File	Available

Reflector twist-and-locks into included base part that holds COB in place. Base part is attached into heat sink with screws.

**Product number CN13345_LENINA-M**

Family	Lenina
Type	RefPack
LED	CXA/B 25xx
Color	Metal
Diameter	74 mm
Height	47.3 mm
Style	Round
Optic Material	-
Holder Material	-
Fastening	["socket"]
Status	Production ready

FWHM	33 degrees
Efficiency	86 %
cd/Im	1.900
Gerber File	Available

Reflector twist-and-locks into included base part that holds COB in place. Base part is attached into heat sink with screws.

**Product number CN13348_LENINA-M-DL**

Family	Lenina
Type	RefPack
LED	CXA/B 25xx
Color	Metal
Diameter	74 mm
Height	49.4 mm
Style	Round
Optic Material	PC
Holder Material	-
Fastening	["socket"]
Status	Production ready

FWHM	35 degrees
Efficiency	78 %
cd/Im	1.600
Gerber File	Available

Reflector twist-and-locks into included base part that holds COB in place. Base part is attached into heat sink with screws.

**Product number CN13346_LENINA-W**

Family	Lenina
Type	RefPack
LED	CXA/B 25xx
Color	Metal
Diameter	74 mm
Height	47.3 mm
Style	Round
Optic Material	-
Holder Material	-
Fastening	["socket"]
Status	Production ready

FWHM	51 degrees
Efficiency	84 %
cd/Im	1.200
Gerber File	Available

Reflector twist-and-locks into included base part that holds COB in place. Base part is attached into heat sink with screws.

**Product number CN13349_LENINA-W-DL**

Family	Lenina
Type	RefPack
LED	CXA/B 25xx
Color	Metal
Diameter	74 mm
Height	49.4 mm
Style	Round
Optic Material	PC
Holder Material	-
Fastening	["socket"]
Status	Production ready

FWHM	52 degrees
Efficiency	76 %
cd/Im	1.100
Gerber File	Available

Reflector twist-and-locks into included base part that holds COB in place. Base part is attached into heat sink with screws.

**Product number CN13351_LENINA-XW**

Family	Lenina
Type	RefPack
LED	CXA/B 25xx
Color	White
Diameter	74 mm
Height	47.3 mm
Style	Round
Optic Material	-
Holder Material	-
Fastening	["screw", "socket"]
Status	Production ready

FWHM	70 degrees
Efficiency	89 %
cd/Im	0.700
Gerber File	Available

Reflector twist-and-locks into included base part that holds COB in place. Base part is attached into heat sink with screws.

**Product number CN13352_LENINA-XW-DL**

Family	Lenina
Type	RefPack
LED	CXA/B 25xx
Color	White
Diameter	74 mm
Height	47.3 mm
Style	Round
Optic Material	HRPC
Holder Material	-
Fastening	["socket"]
Status	Production ready

FWHM	70 degrees
Efficiency	84 %
cd/Im	0.600
Gerber File	Available

Reflector twist-and-locks into included base part that holds COB in place. Base part is attached into heat sink with screws.



PRODUCT DATASHEET

Lenina series

last update 1/11/2016

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

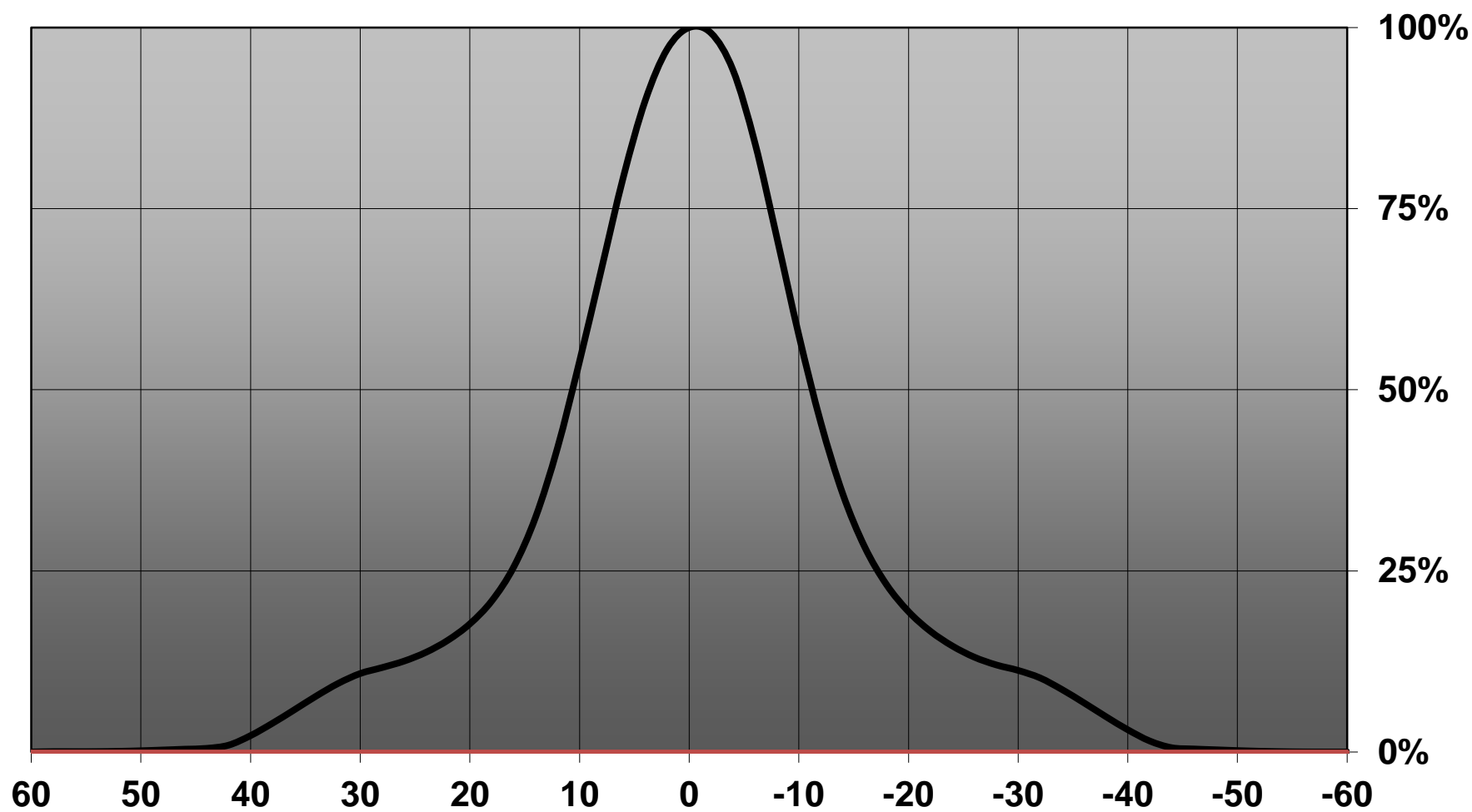
Lenina series

last update 1/11/2016

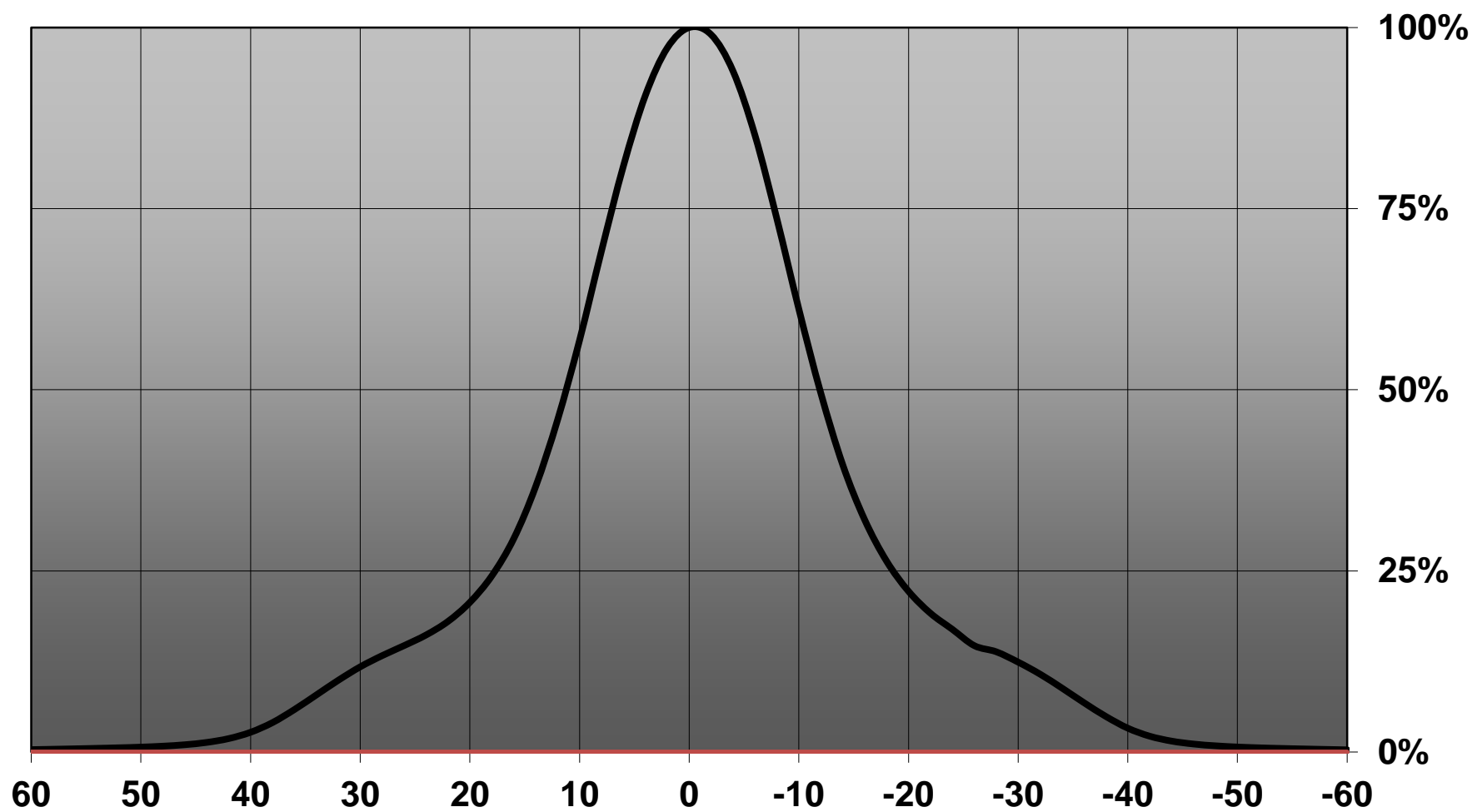
GENERAL INFORMATION

- Product series especially designed & optimized for CXA/B 25xx 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 (short term 100 degrees of Celcius / 212 degrees of Fahrenheit).

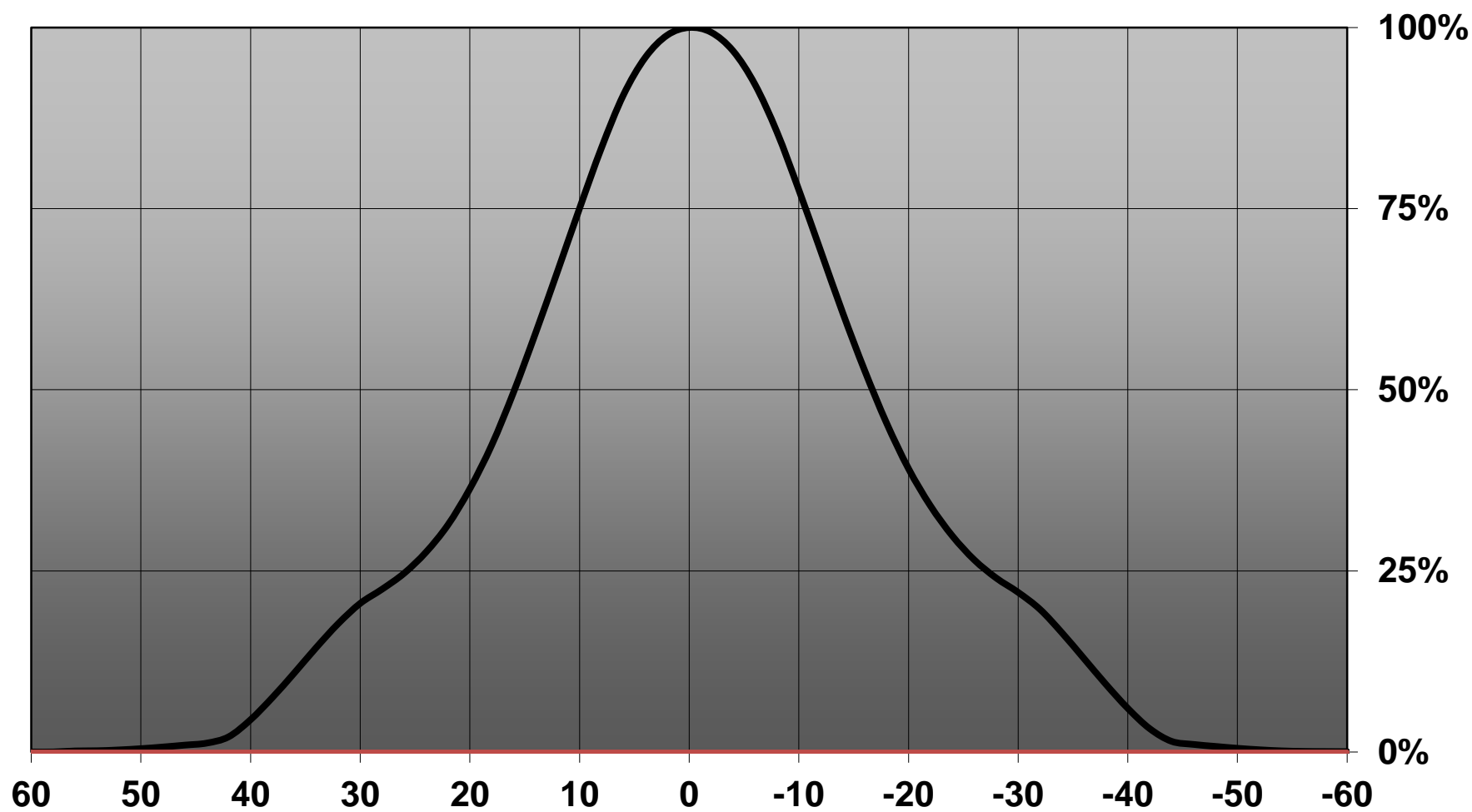
Relative intensity of CN13344_LENINA-S-CXA25



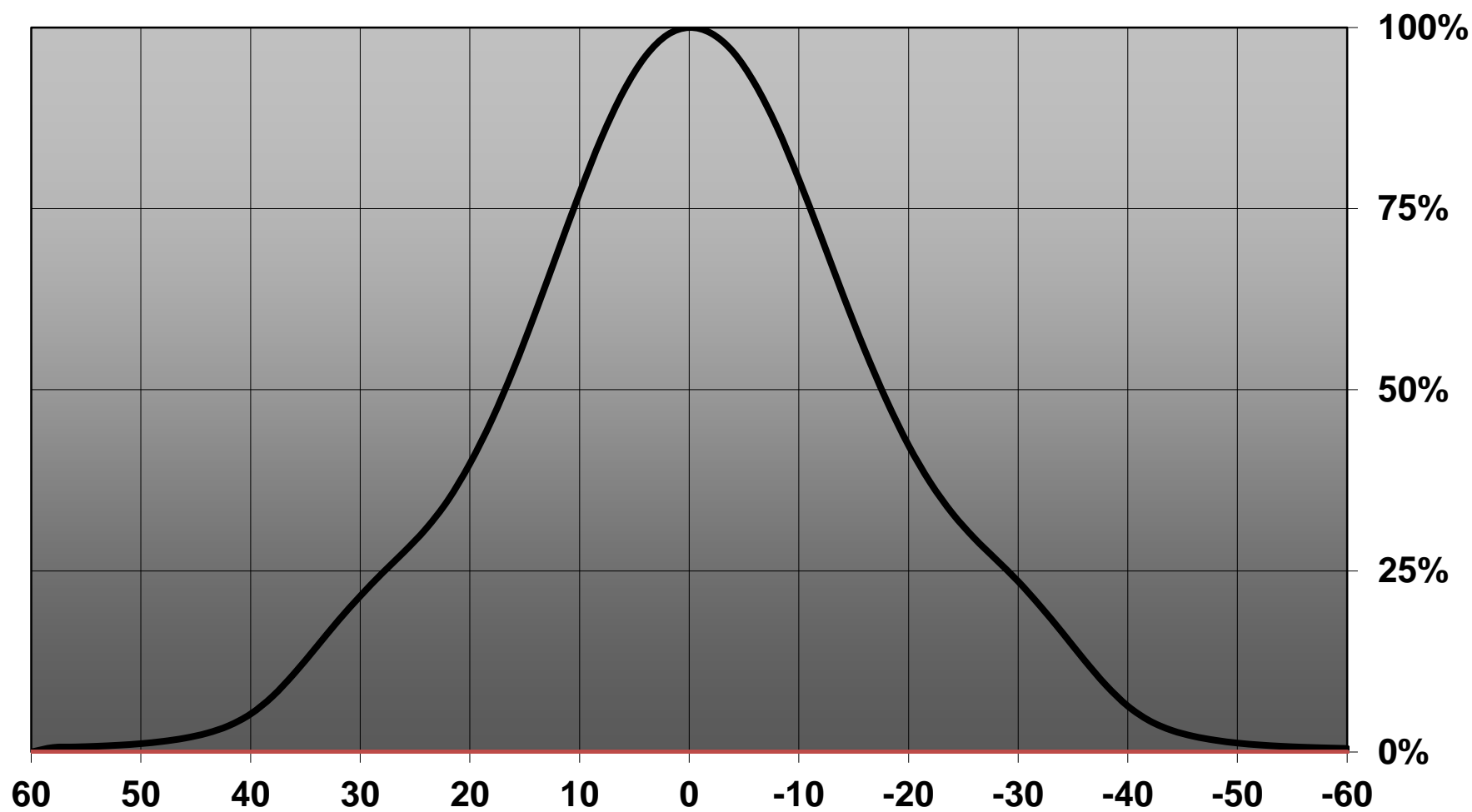
Relative intensity of CN13347_LENINA-S-DL-CXA25



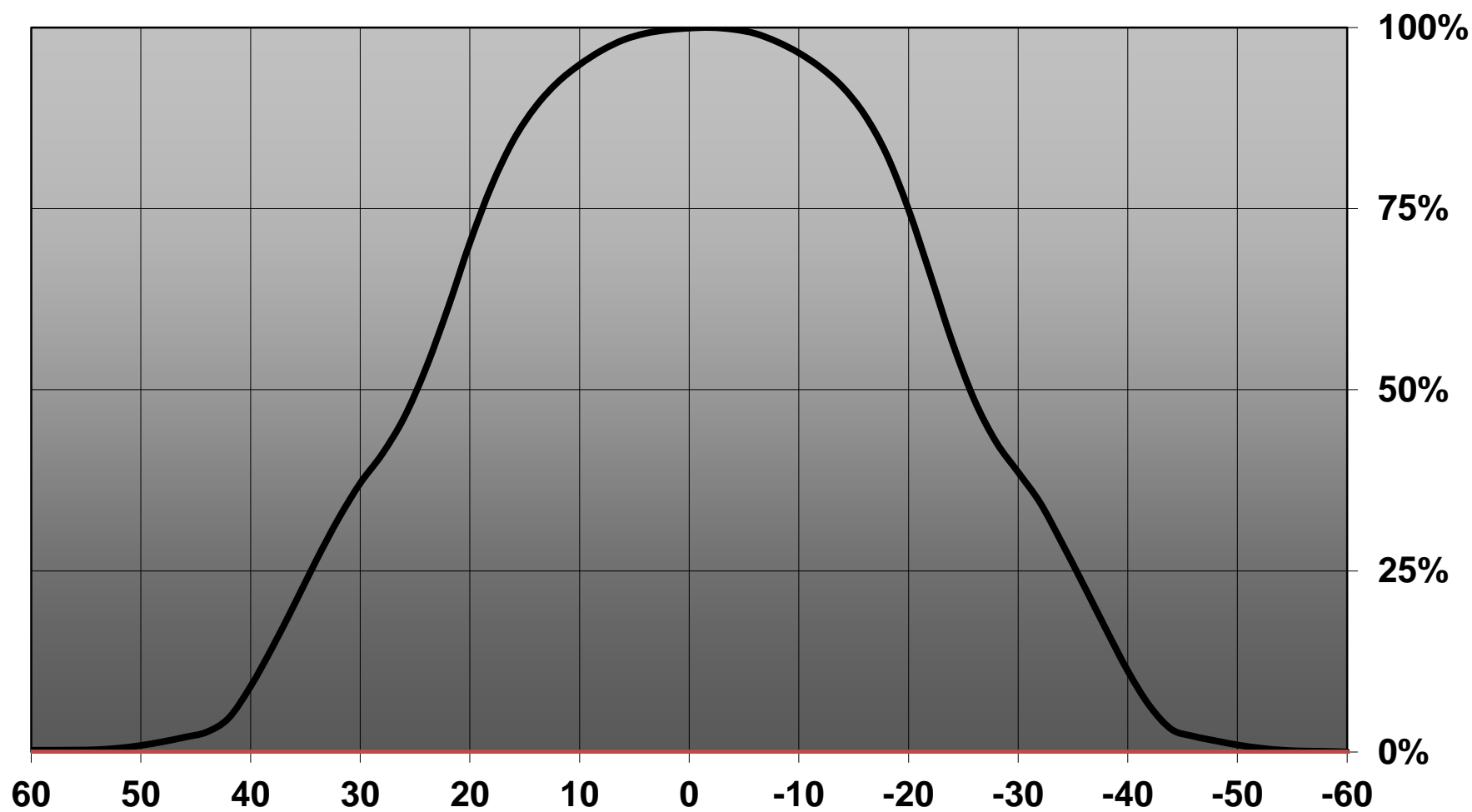
Relative intensity of CN13345_LENINA-M-CXA25



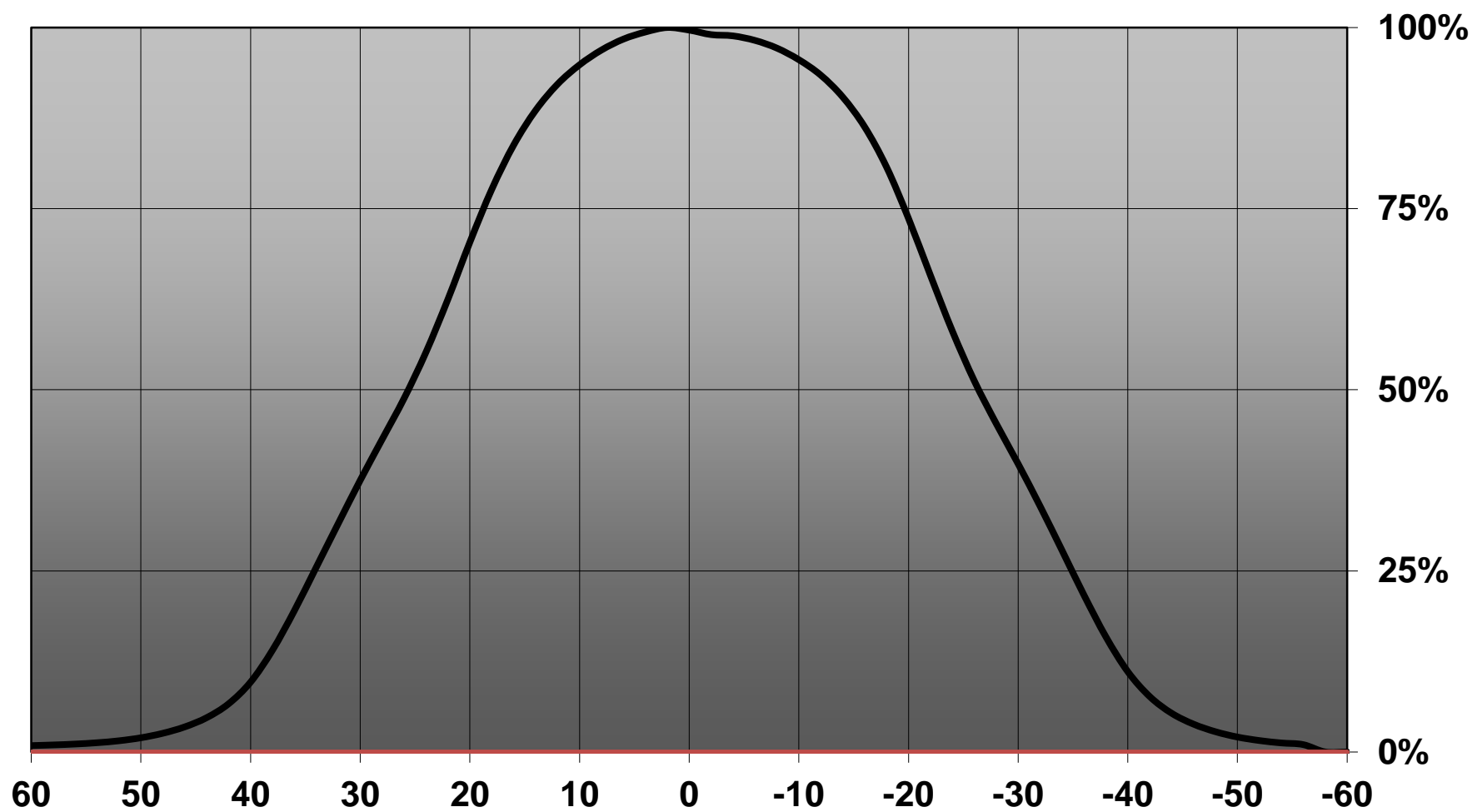
Relative intensity of CN13348_LENINA-M-DL-CXA25



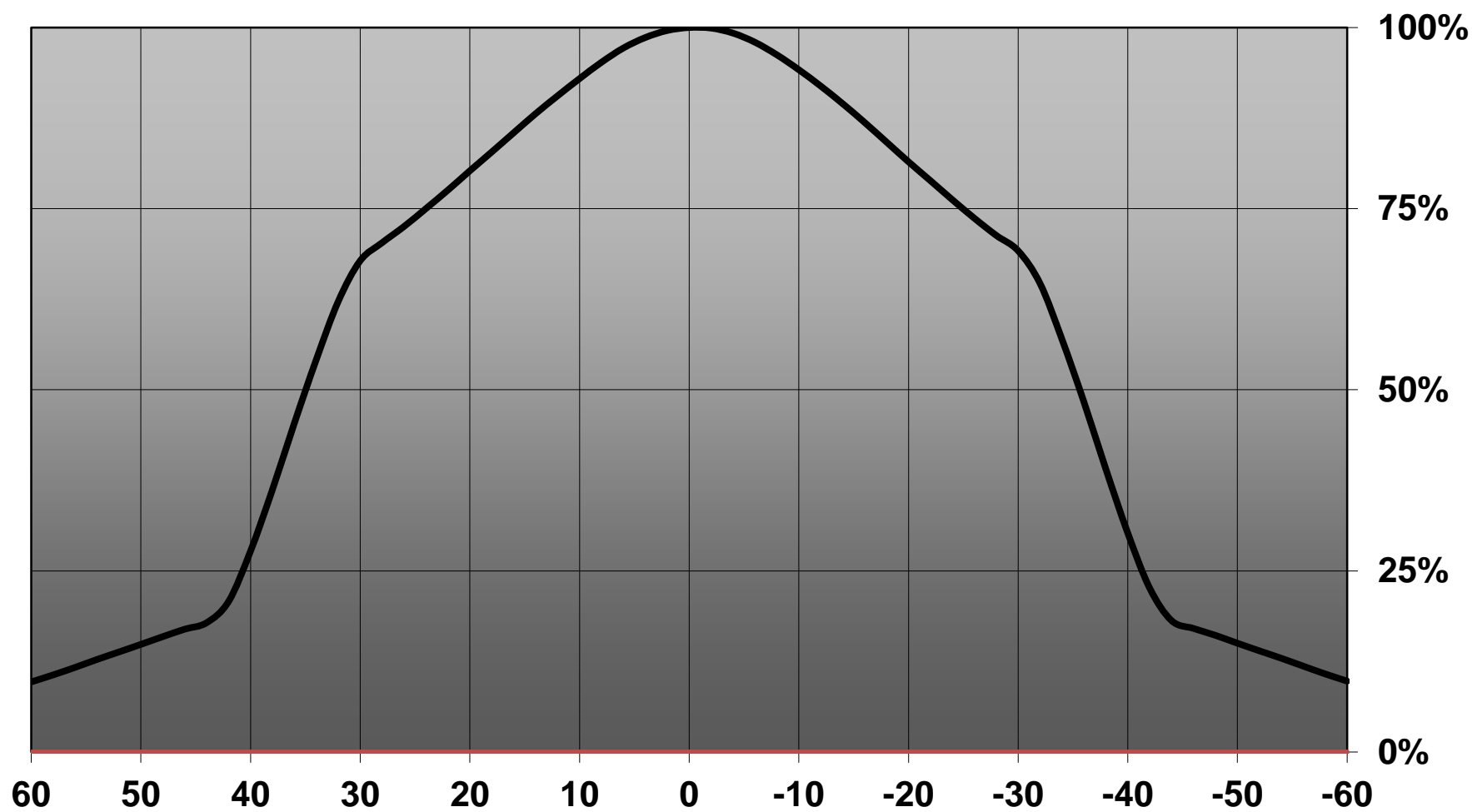
Relative intensity of CN13346_LENINA-W-CXA25



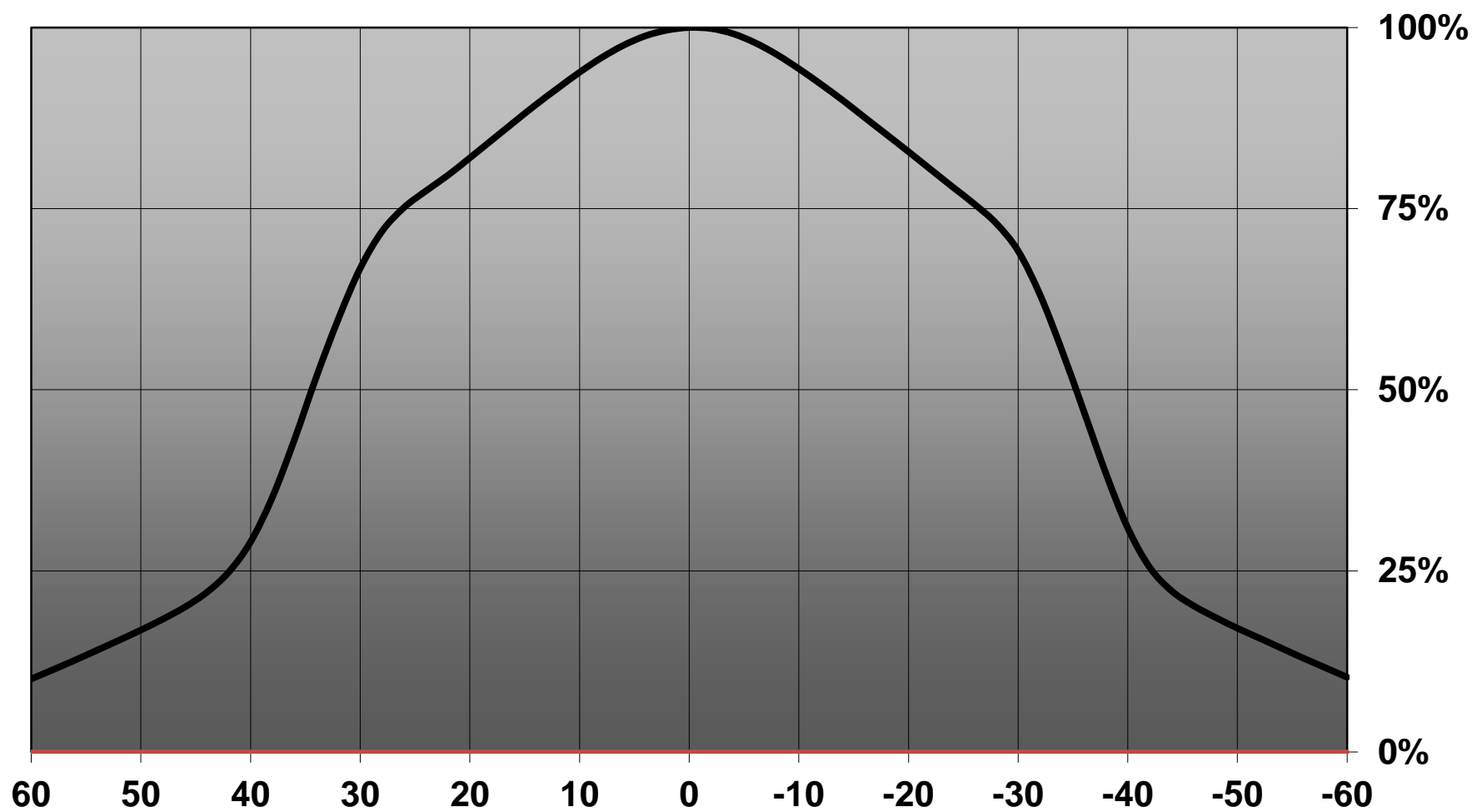
Relative intensity of CN13349_LENINA-W-DL-CXA25



Relative intensity of CN13351_LENINA-XW-CXA25



Relative intensity of CN13352_LENINA-XW-DL-CXA25



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4

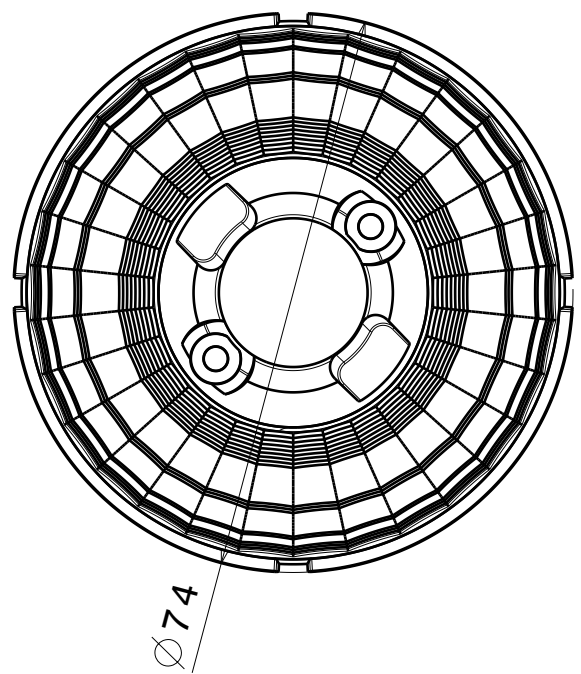
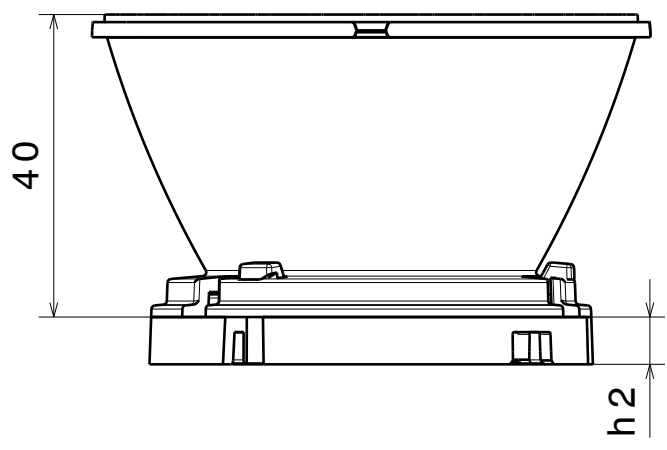
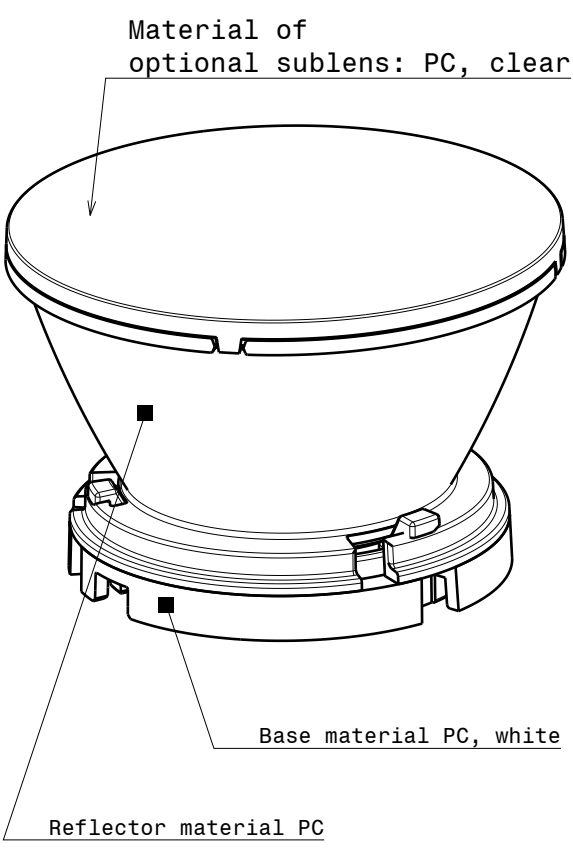
4

3

3

2


2



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					
DRAWN BY ks		DATE 23.04.2014		Datasheet Lenina series	
CHECKED BY		DATE		SIZE DRAWING NUMBER REV	
				A4 - - 1	
DESIGNED BY pl		DATE 08.03.2012		SCALE 1 : 1 WEIGHT (g) SHEET 1 / 1	

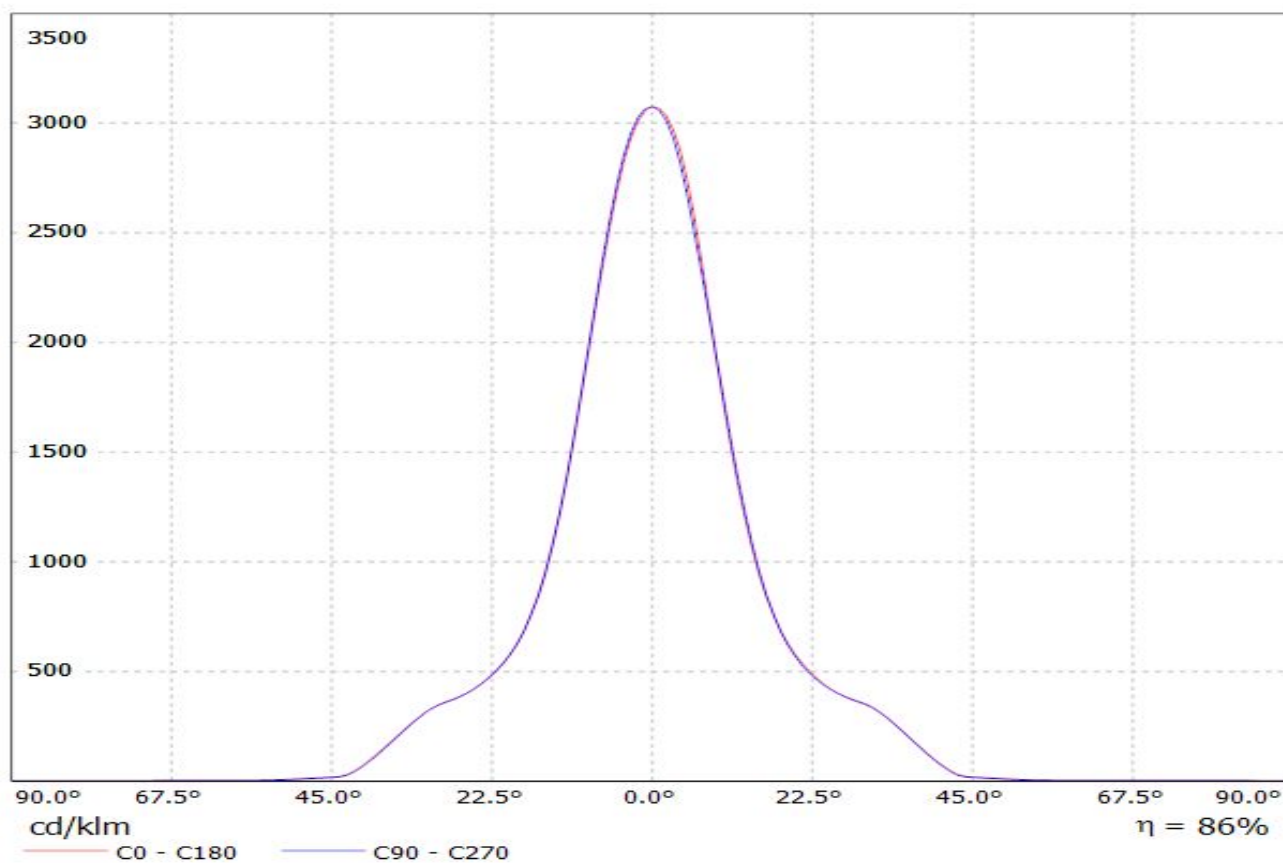
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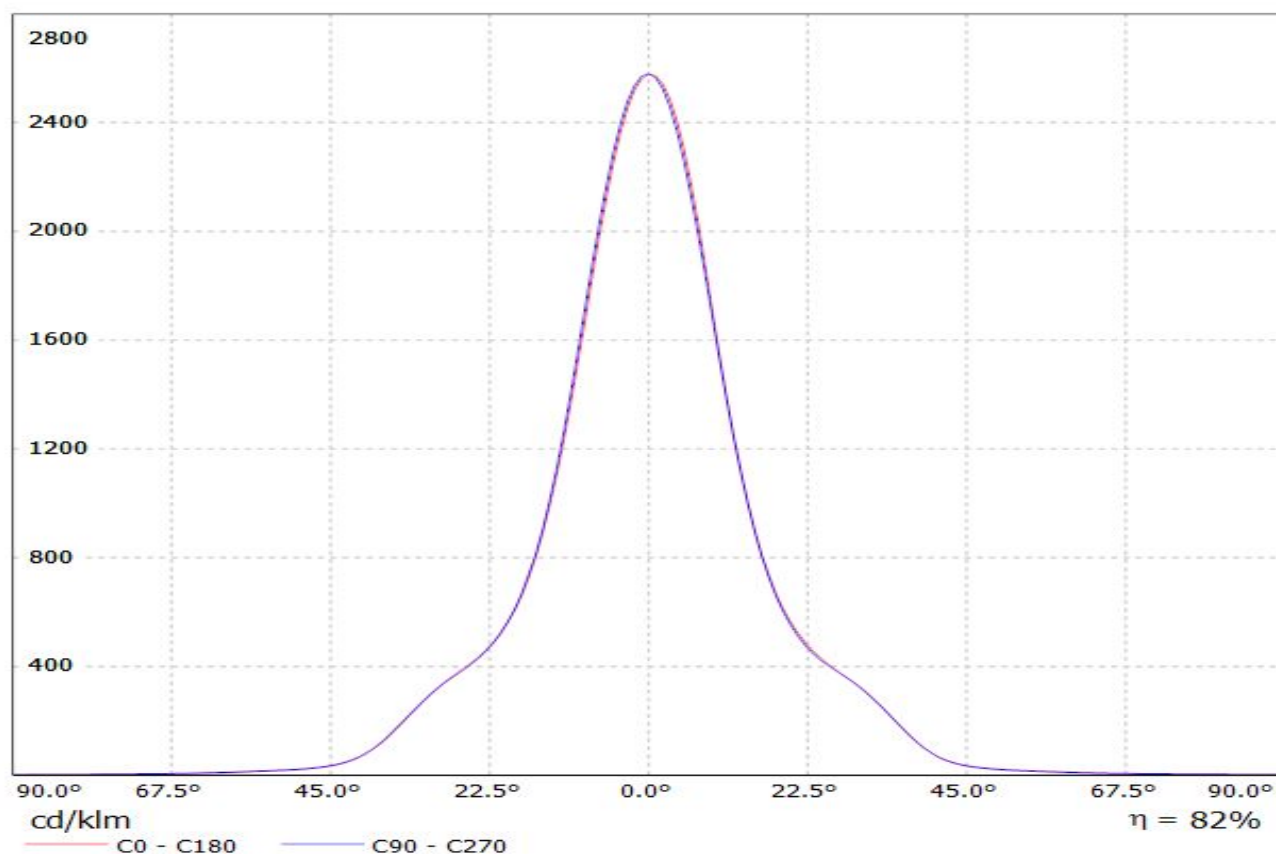
D A

Luminaire: LEDiL Oy CN13344_LENINA-S_(CXA25) Eff.86.4%

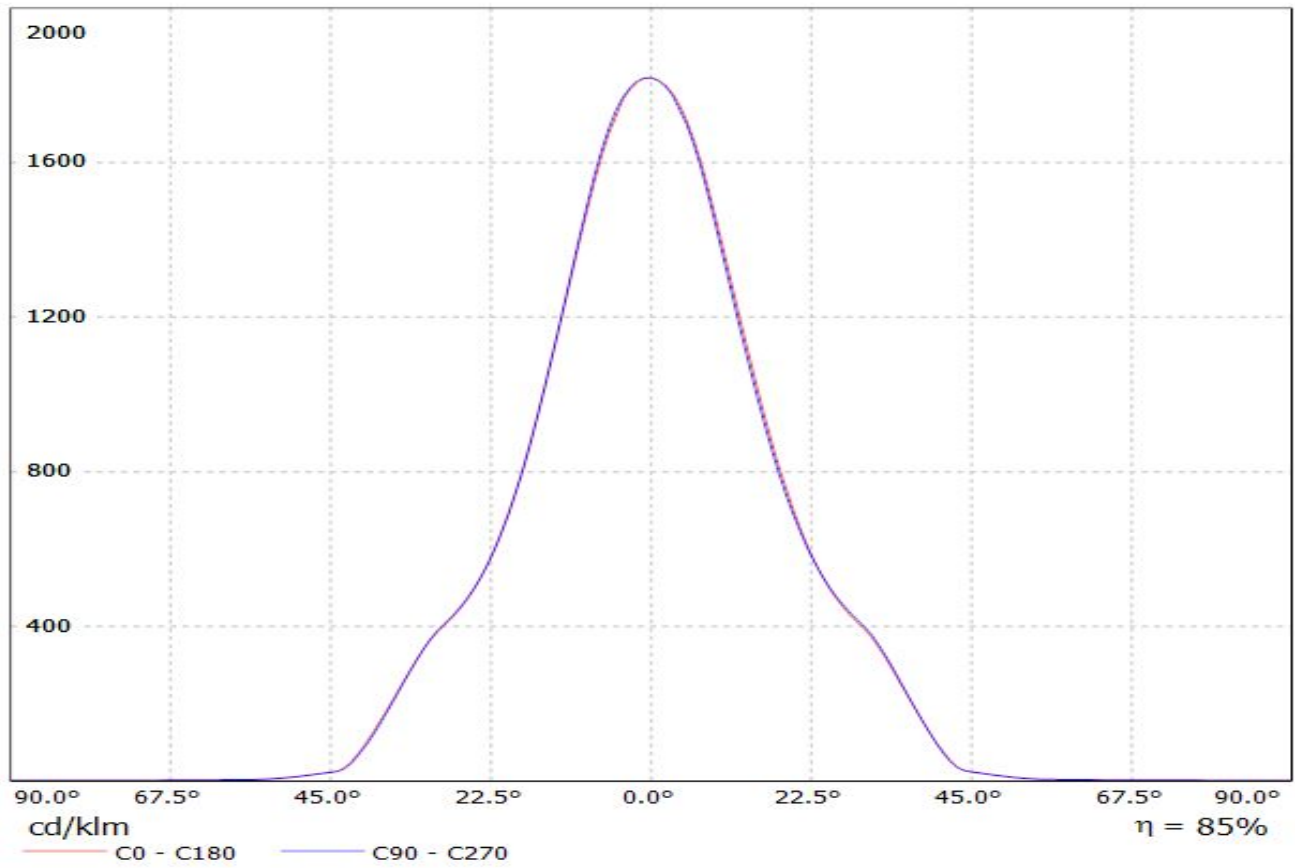
Lamps: 1 x CREE_CXA25_(2520-7A-N4-N0U) 888.265lm@250mA CCT=3000K P=8.58457W I=249.9mA



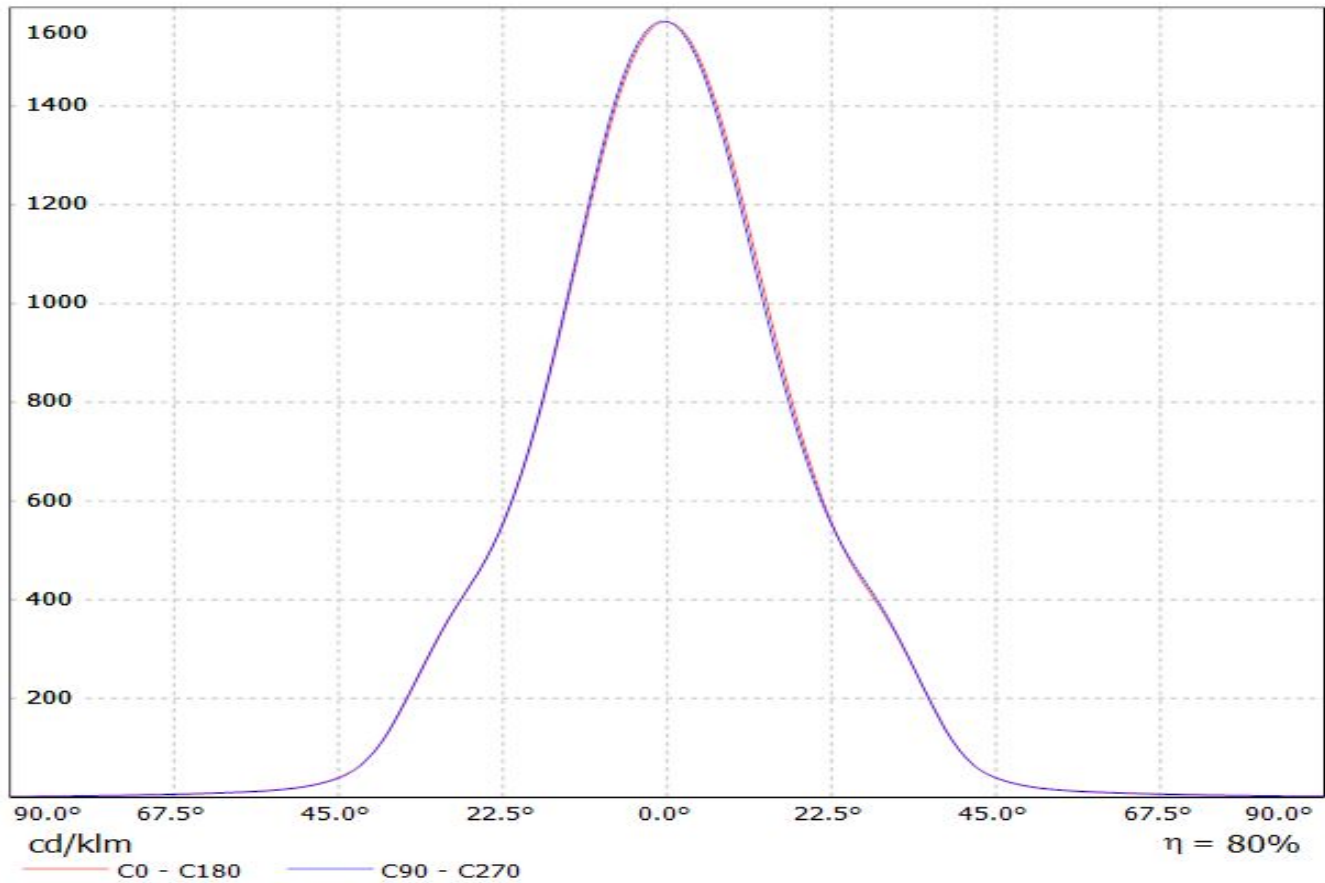
Luminaire: LEDiL Oy CN13347_LENINA-S-DL_(CXA25) Eff.81.6%
Lamps: 1 x CREE_CXA25_(2520-7A-N4-N0U) 888.265lm@250mA CCT=3000K P=8.58457W I=249.9mA



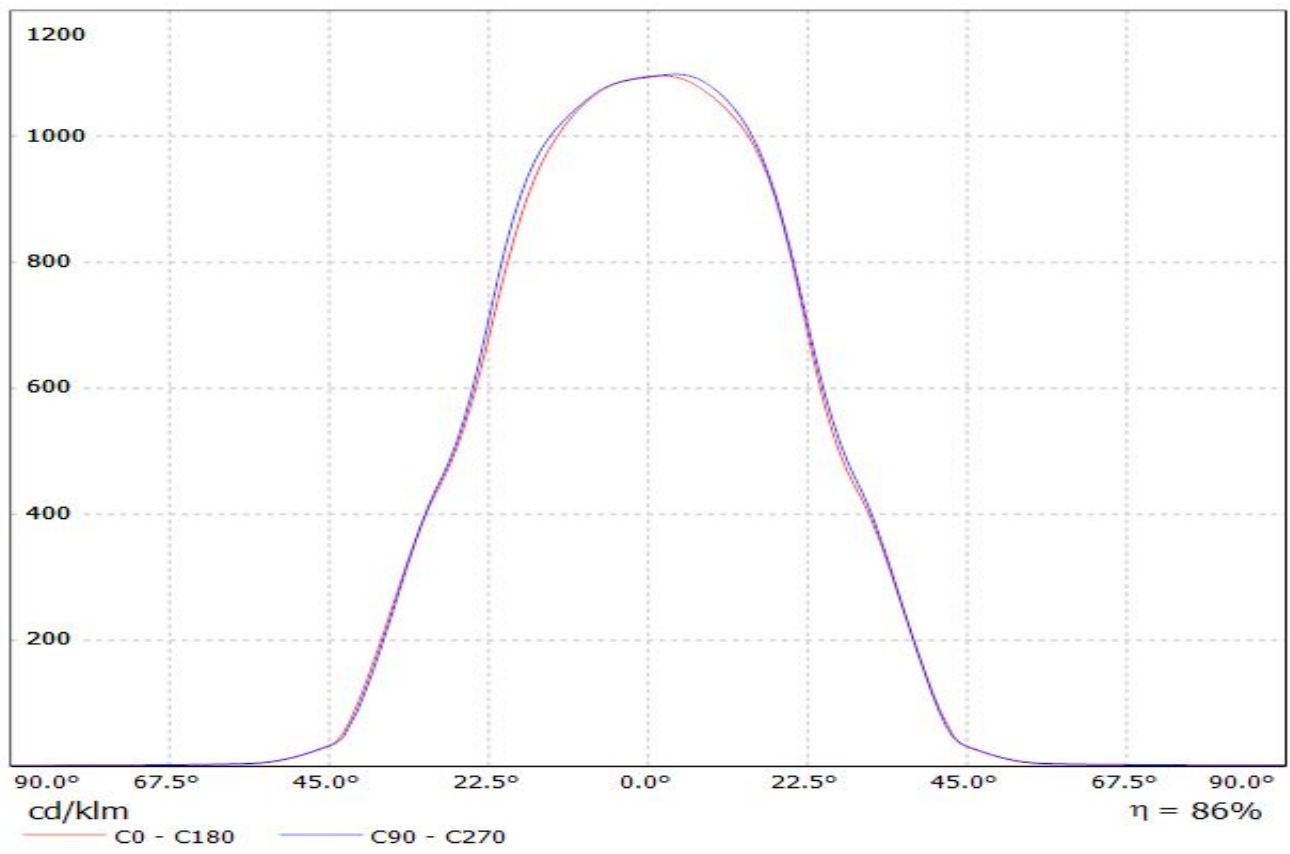
Luminaire: LEDiL Oy CN13345_LENINA-M_(CXA25) Eff.85.4%
Lamps: 1 x CREE_CXA25_(2520-7A-N4-N0U) 888.265lm@250mA CCT=3000K P=8.58457W I=249.9mA



Luminaire: LEDiL Oy CN13348_LENINA-M-DL_(CXA25) Eff.80.3%
Lamps: 1 x CREE_CXA25_(2520-7A-N4-N0U) 888.265lm@250mA CCT=3000K P=8.58457W I=249.9mA

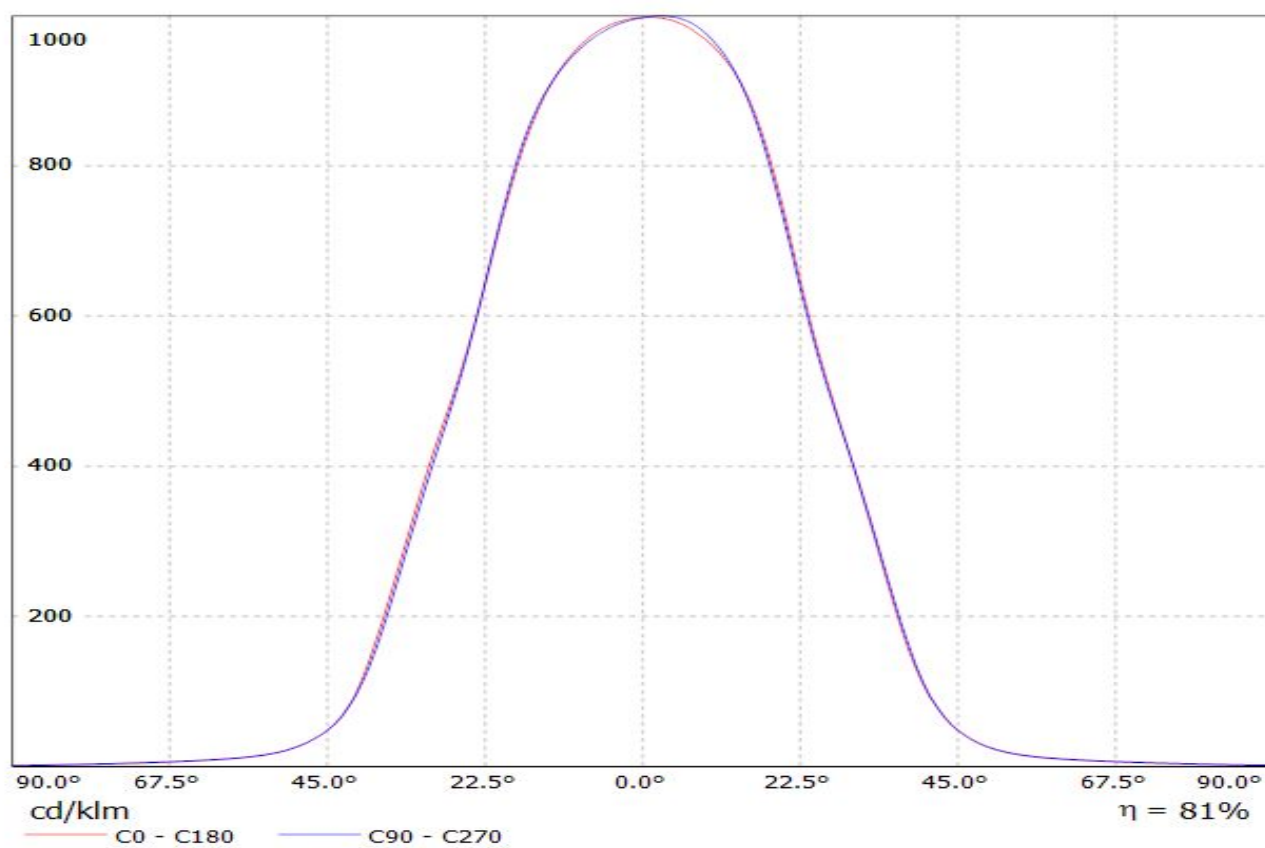


Luminaire: LEDiL Oy CN13346_LENINA-W_(CXA25) Eff.86.0%
Lamps: 1 x CREE_CXA25_(2520-7A-N4-N0U) 888.265lm@250mA CCT=3000K P=8.58457W I=249.9mA

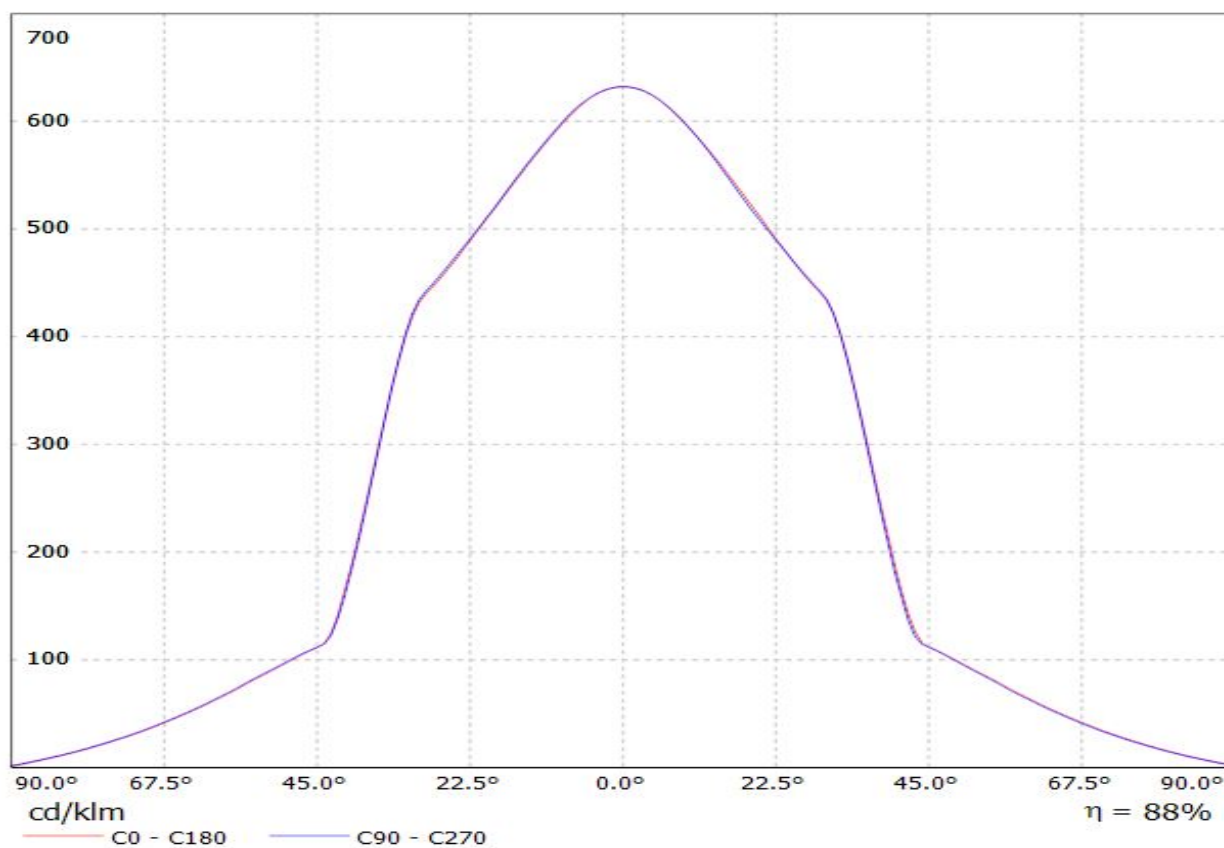


Luminaire: LEDiL Oy CN13349 LENINA-W-DL (CXA25) Eff 81.4%

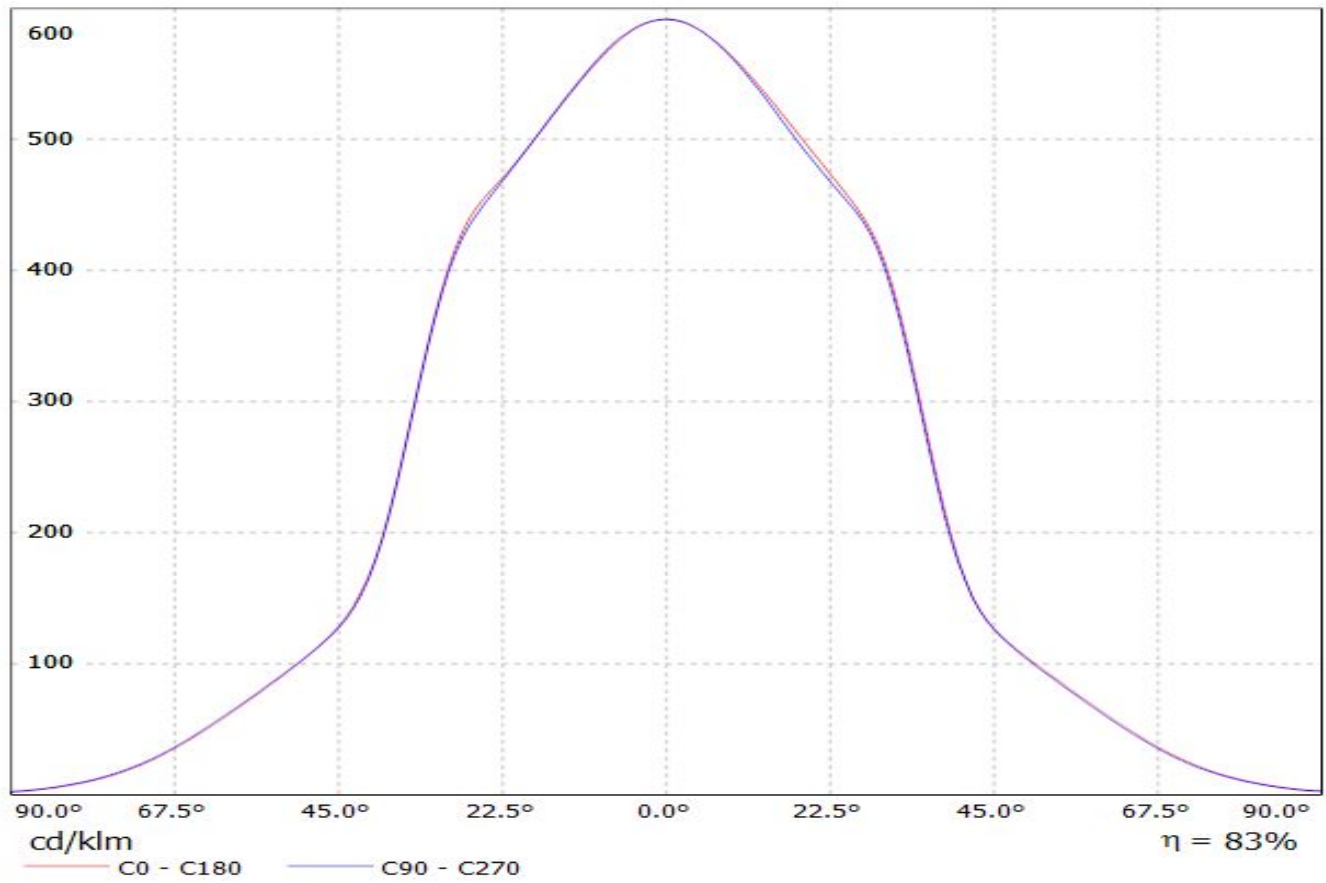
Lamps: 1 x CREE_CXA25_(2520-7A-N4-N0U) 888.265lm@250mA CCT=3000K P=8.58457W I=249.9mA



Luminaire: LEDiL Oy CN13351_LENINA-XW_(CXA25) Eff.87.5%
Lamps: 1 x CREE_CXA25_(2520-7A-N4-N0U) 888.265lm@250mA CCT=3000K P=8.58457W I=249.9mA

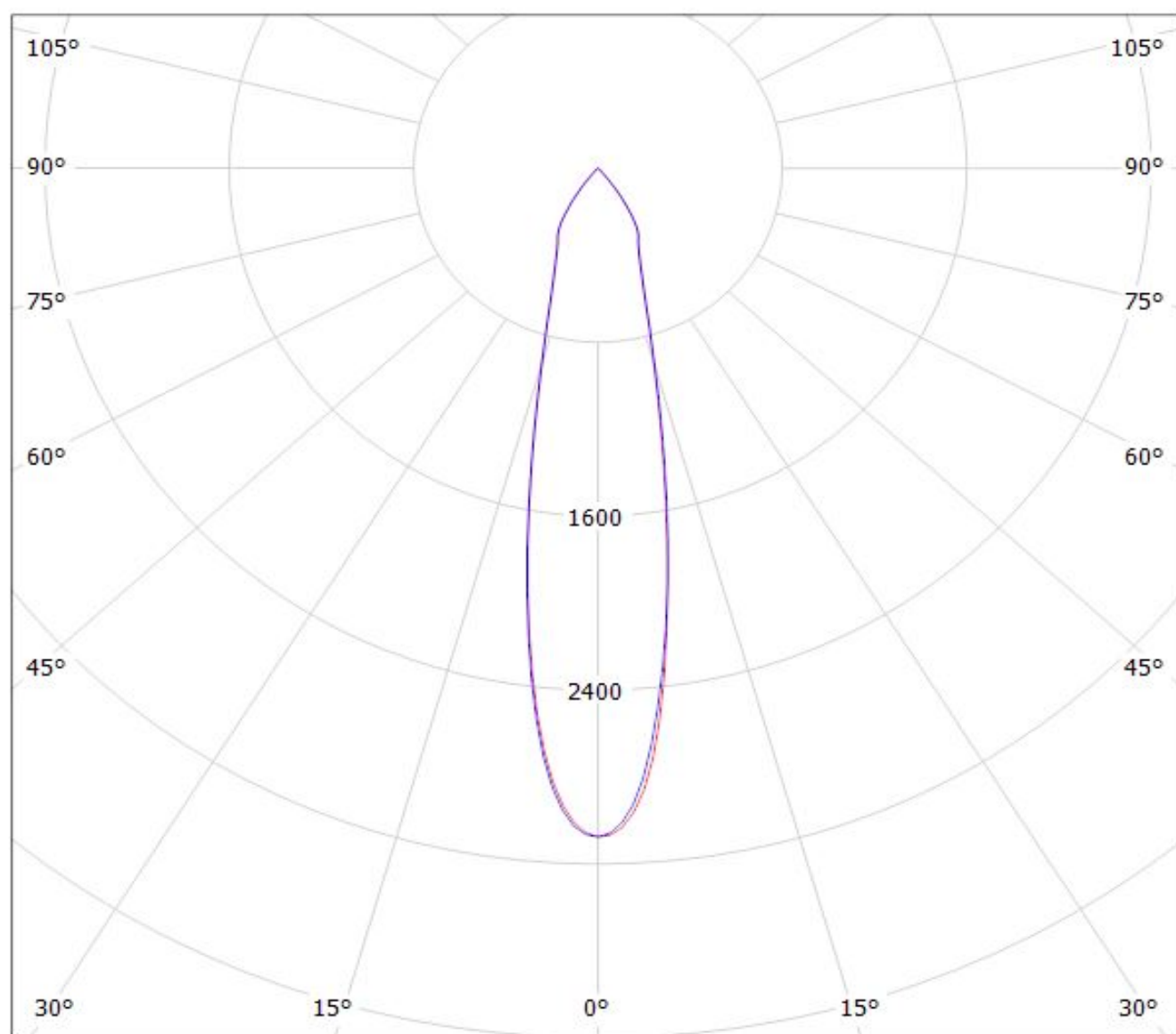


Luminaire: LEDiL Oy CN13352_LENINA-XW-DL_(CXA25) Eff.84%
Lamps: 1 x CREE_CXA25_(2520-7A-N4-N0U) 888.265lm@250mA CCT=3000K P=8.58457W I=249.9mA



Luminaire: LEDiL Oy CN13344_LENINA-S_(CXA25) Eff.86.4%

Lamps: 1 x CREE_CXA25_(2520-7A-N4-N0U) 888.265lm@250mA CCT=3000K P=8.58457W I=249.9mA



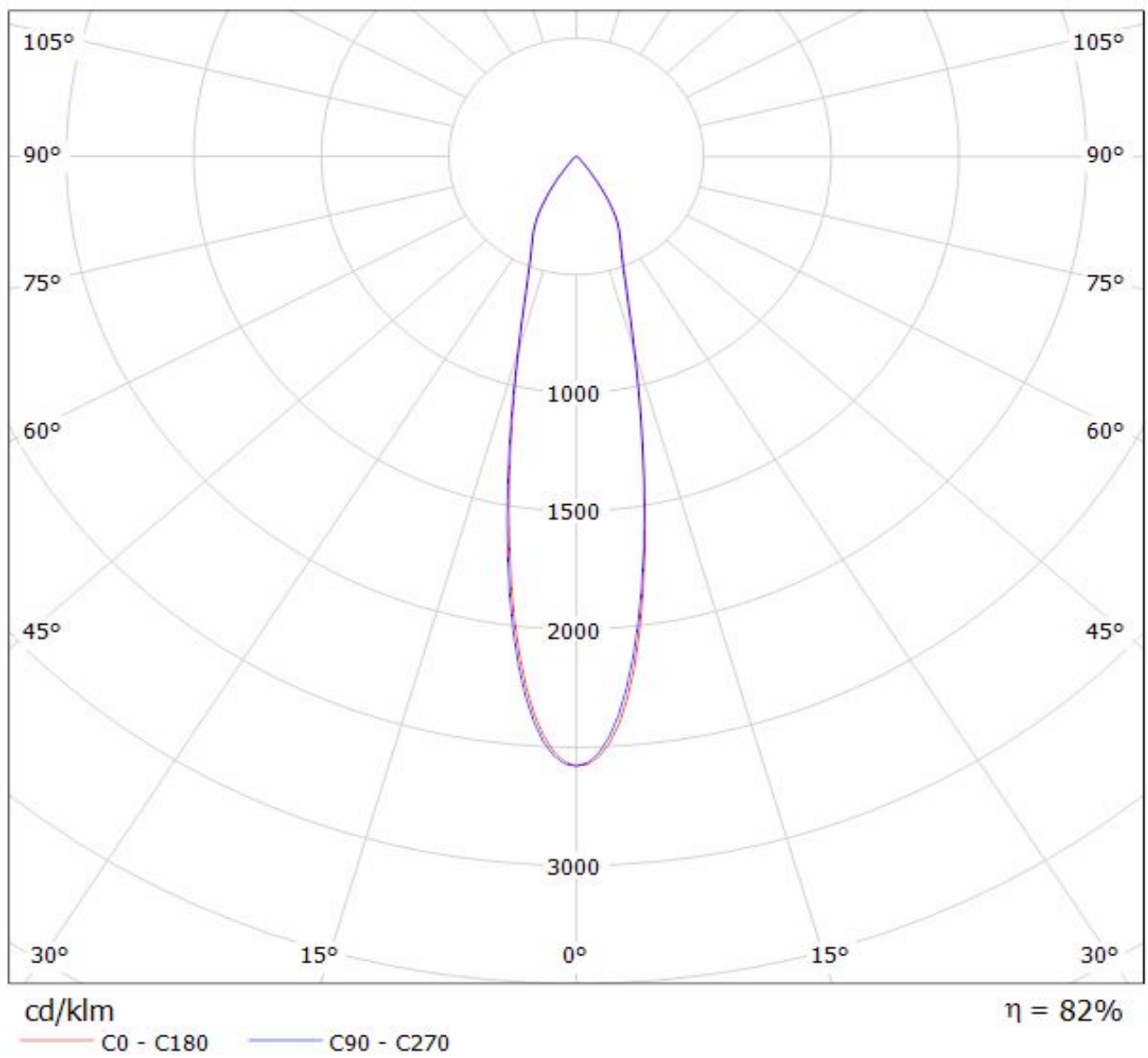
cd/klm

$\eta = 86\%$

— C0 - C180

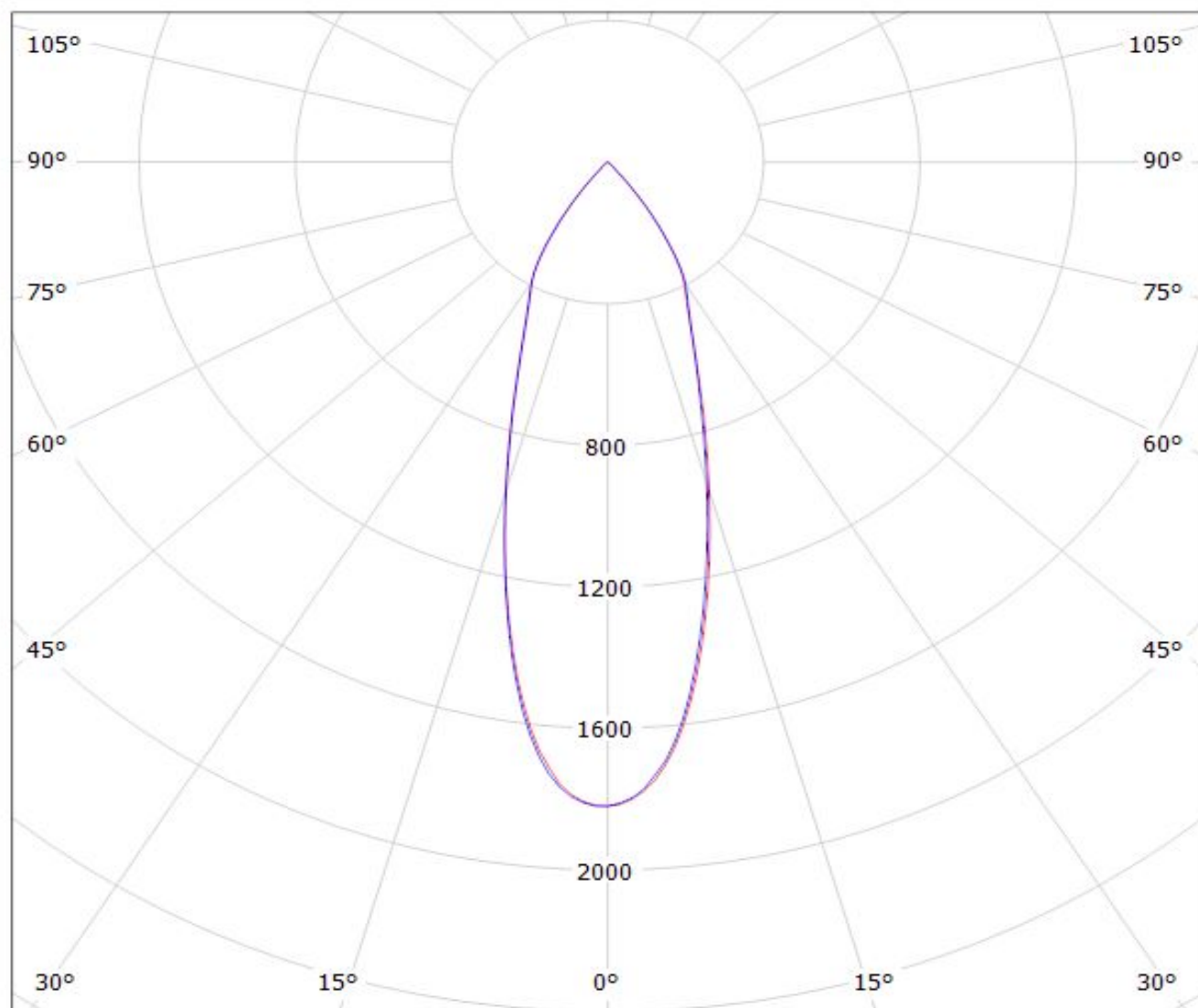
— C90 - C270

Luminaire: LEDiL Oy CN13347_LENINA-S-DL_(CXA25) Eff.81.6%
Lamps: 1 x CREE_CXA25_(2520-7A-N4-N0U) 888.265lm@250mA CCT=3000K P=8.58457W I=249.9mA



Luminaire: LEDiL Oy CN13345_LENINA-M_(CXA25) Eff.85.4%

Lamps: 1 x CREE_CXA25_(2520-7A-N4-N0U) 888.265lm@250mA CCT=3000K P=8.58457W I=249.9mA



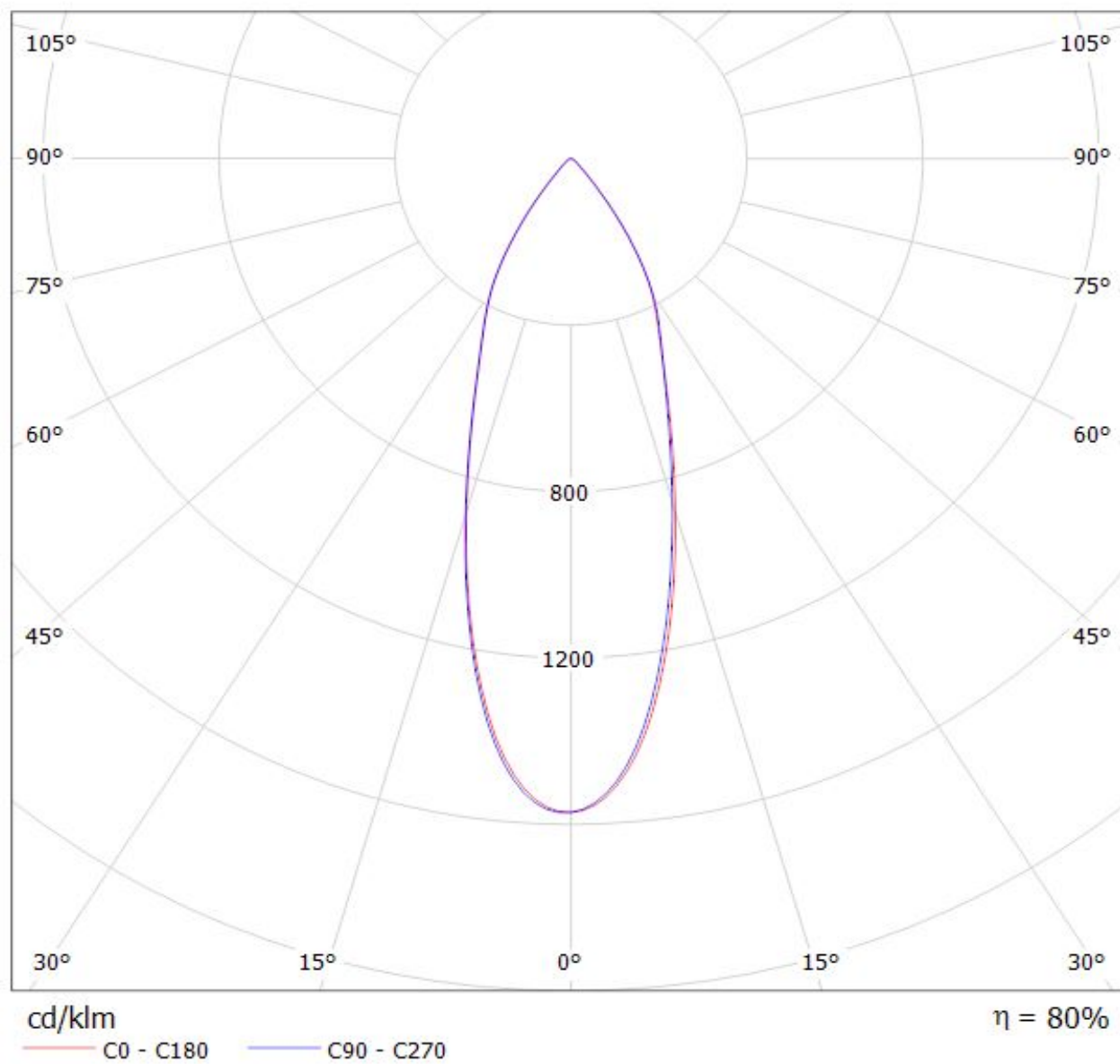
cd/klm

$\eta = 85\%$

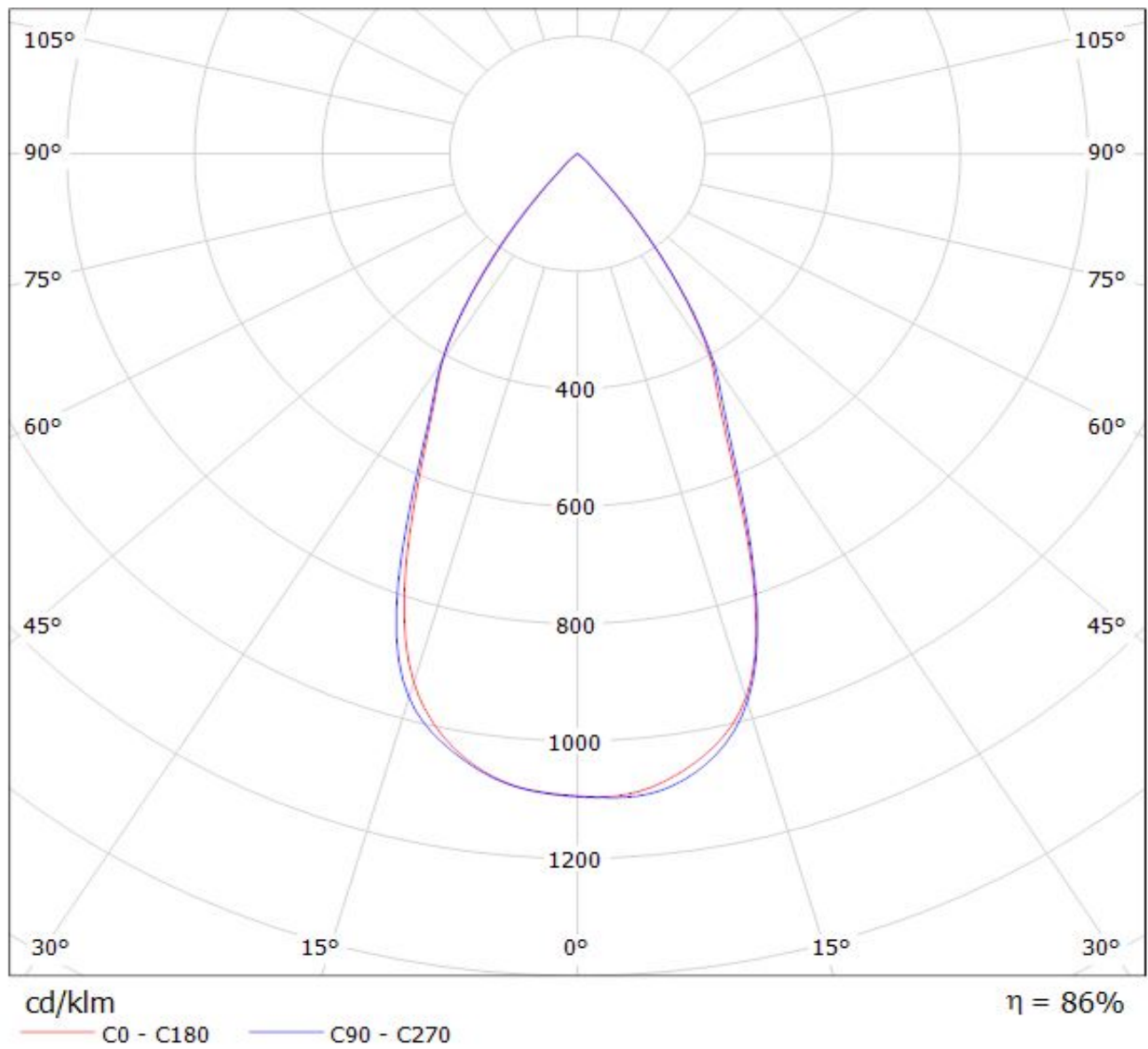
— C0 - C180 — C90 - C270

Luminaire: LEDiL Oy CN13348_LENINA-M-DL_(CXA25) Eff.80.3%

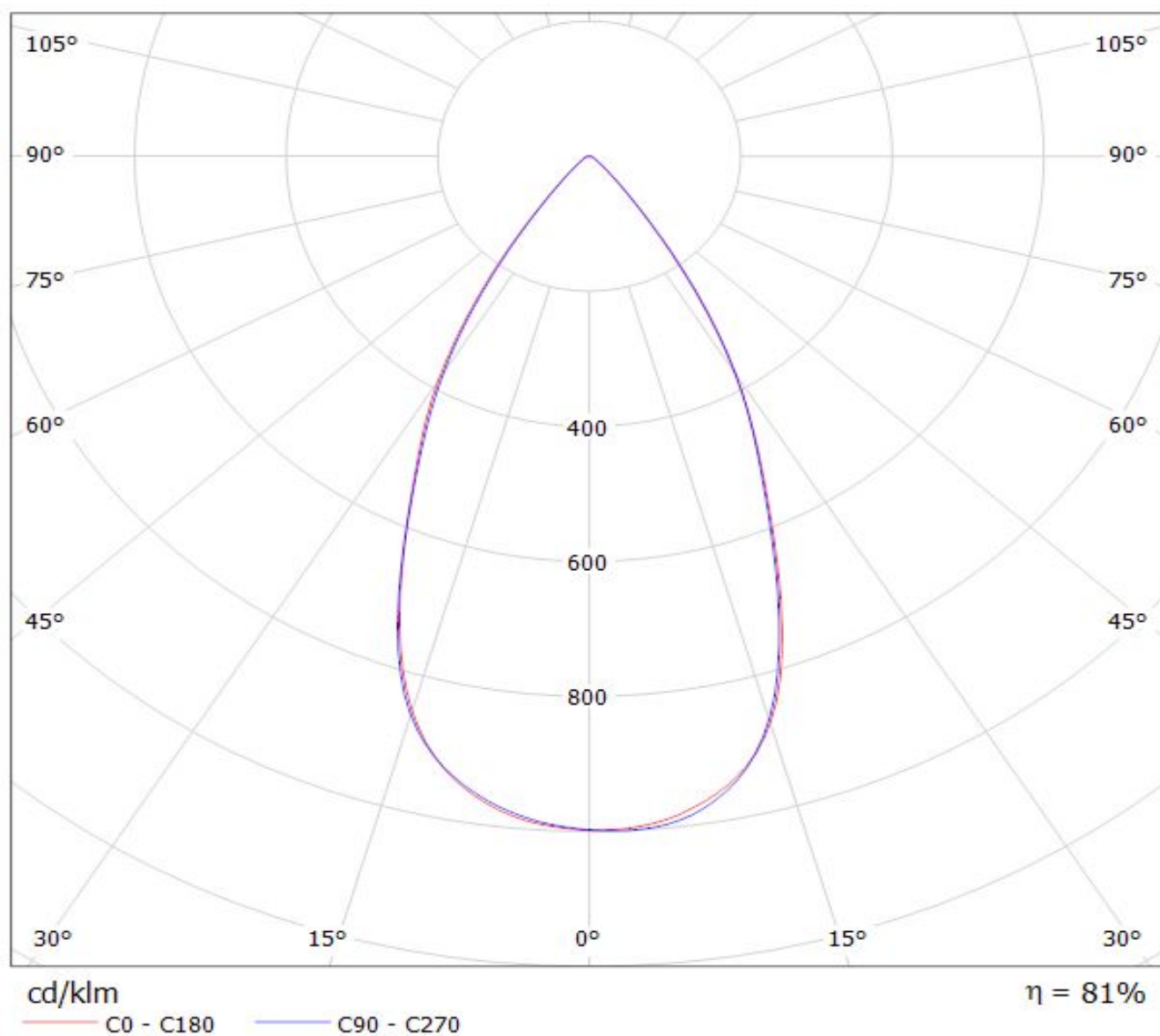
Lamps: 1 x CREE_CXA25_(2520-7A-N4-N0U) 888.265lm@250mA CCT=3000K P=8.58457W I=249.9mA



Luminaire: LEDiL Oy CN13346_LENINA-W_(CXA25) Eff.86.0%
Lamps: 1 x CREE_CXA25_(2520-7A-N4-N0U) 888.265lm@250mA CCT=3000K P=8.58457W I=249.9mA

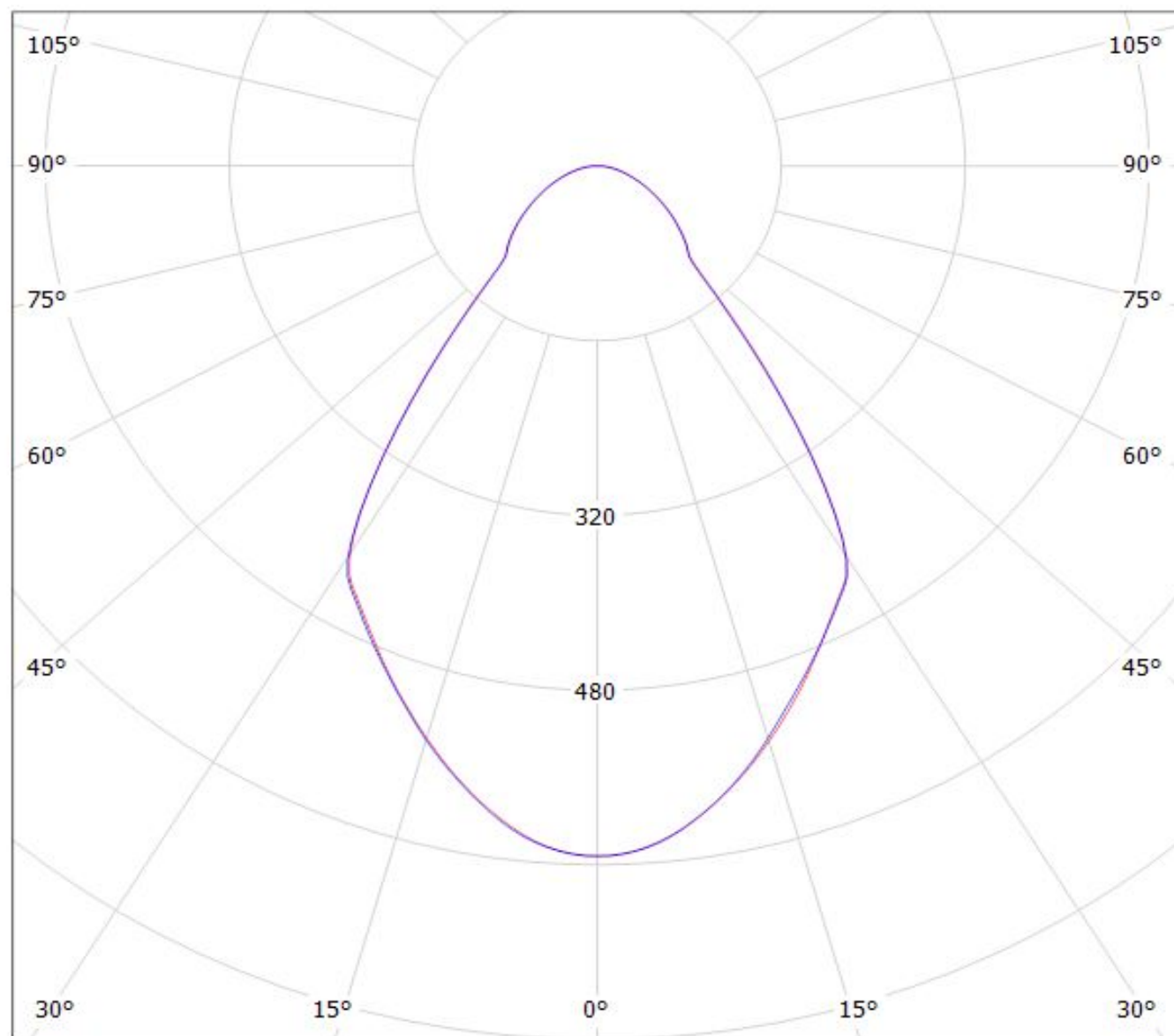


Luminaire: LEDiL Oy CN13349_LENINA-W-DL_(CXA25) Eff.81.4%
Lamps: 1 x CREE_CXA25_(2520-7A-N4-N0U) 888.265lm@250mA CCT=3000K P=8.58457W I=249.9mA



Luminaire: LEDiL Oy CN13351_LENINA-XW_(CXA25) Eff.87.5%

Lamps: 1 x CREE_CXA25_(2520-7A-N4-N0U) 888.265lm@250mA CCT=3000K P=8.58457W I=249.9mA



cd/klm

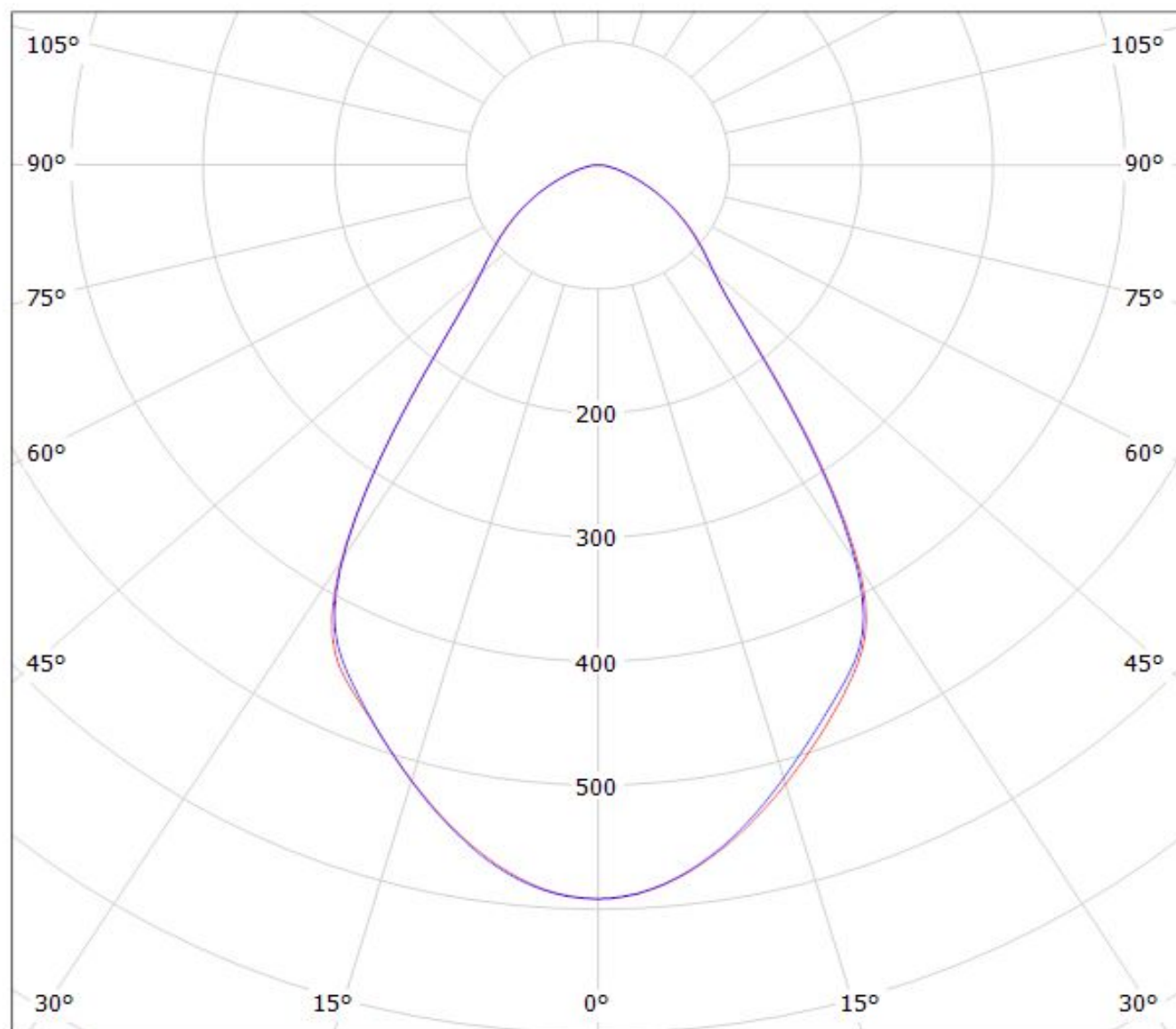
$\eta = 88\%$

— C0 - C180

— C90 - C270

Luminaire: LEDiL Oy CN13352_LENINA-XW-DL_(CXA25) Eff.84%

Lamps: 1 x CREE_CXA25_(2520-7A-N4-N0U) 888.265lm@250mA CCT=3000K P=8.58457W I=249.9mA



cd/klm

$\eta = 83\%$

— C0 - C180

— C90 - C270