

**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/lm 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/lm 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/lm 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/lm 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/lm 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/lm 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/lm 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/lm 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

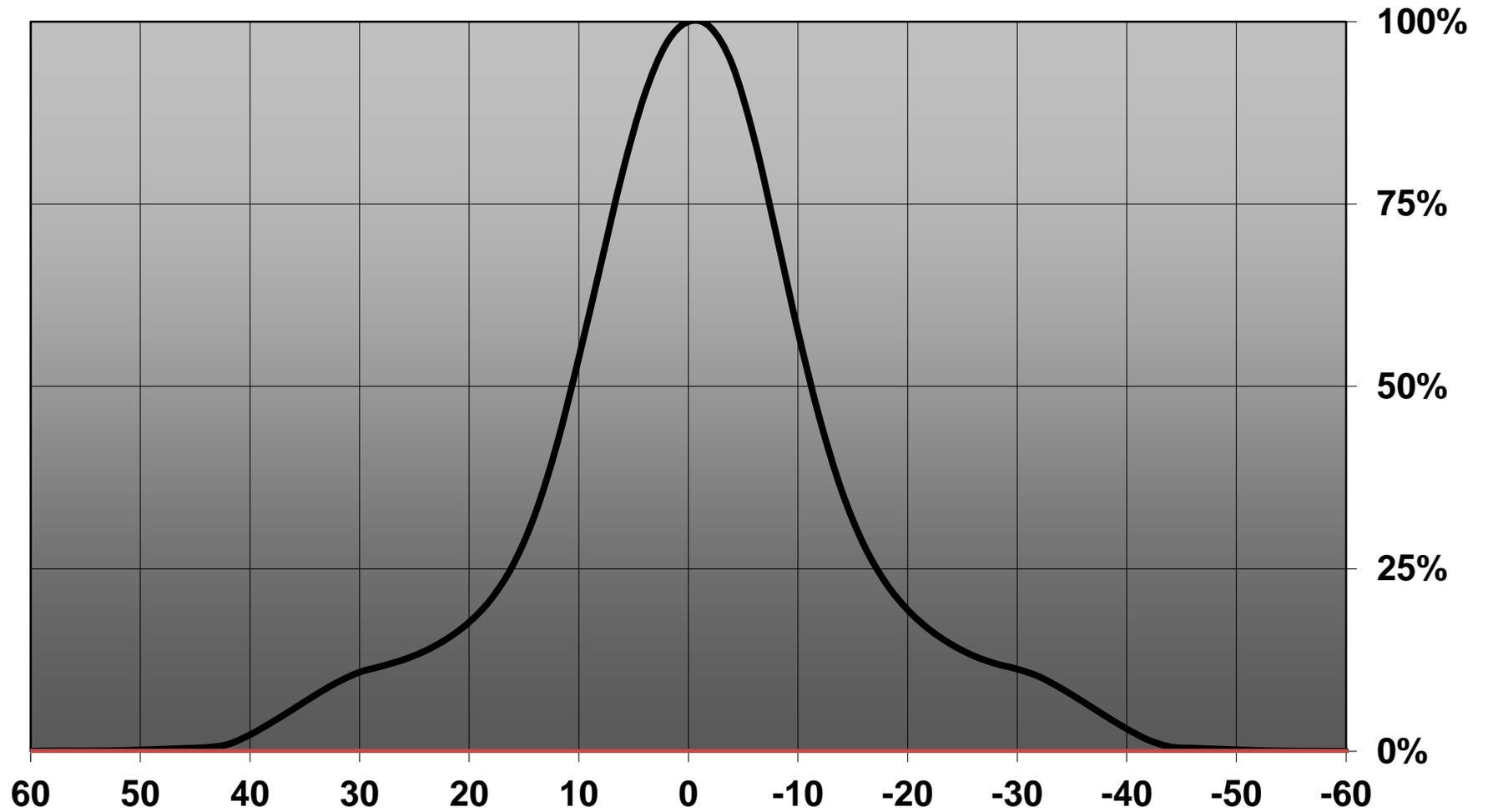
Lenina series

last update 1/11/2016

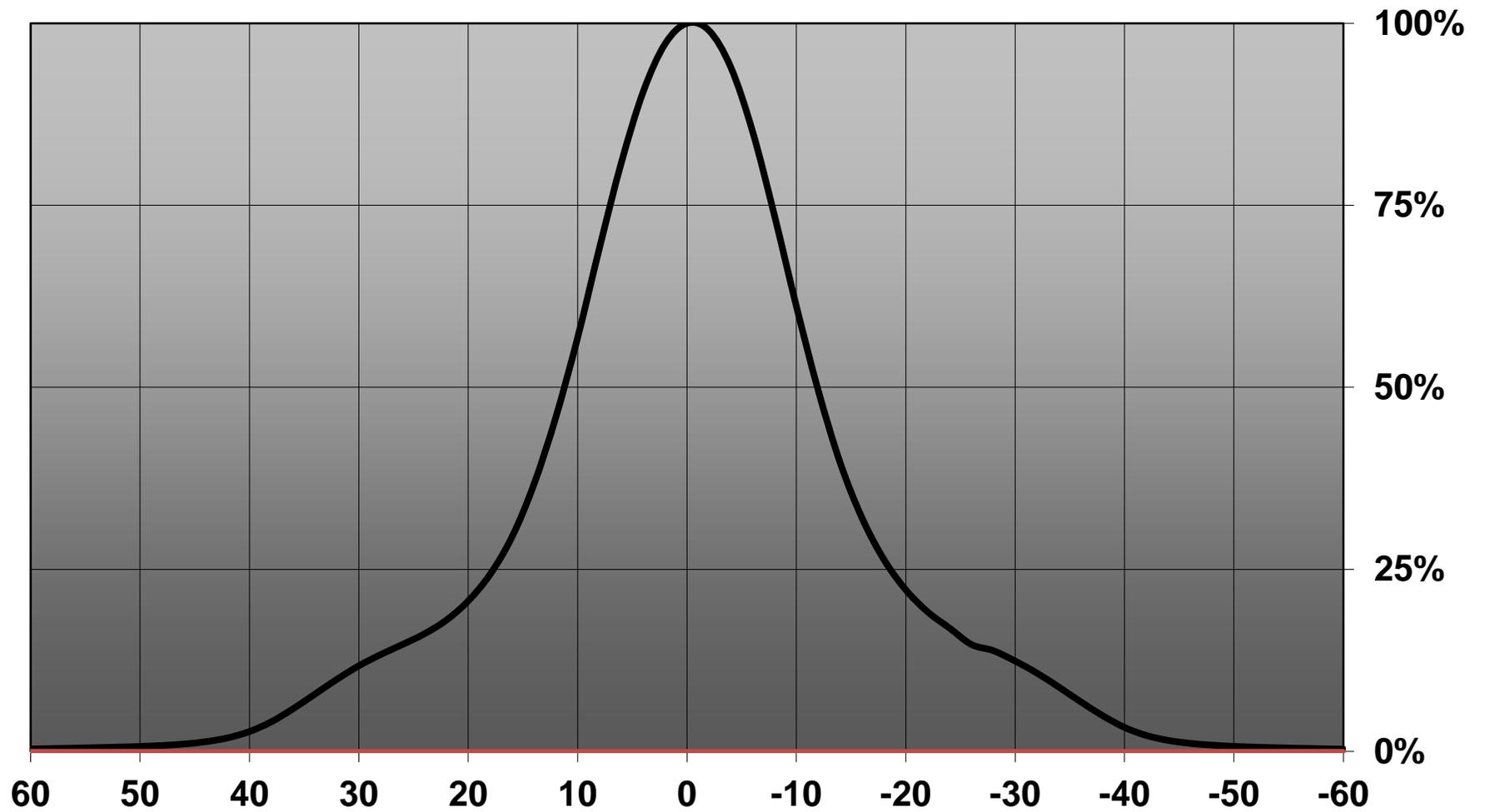
GENERAL INFORMATION

- 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).

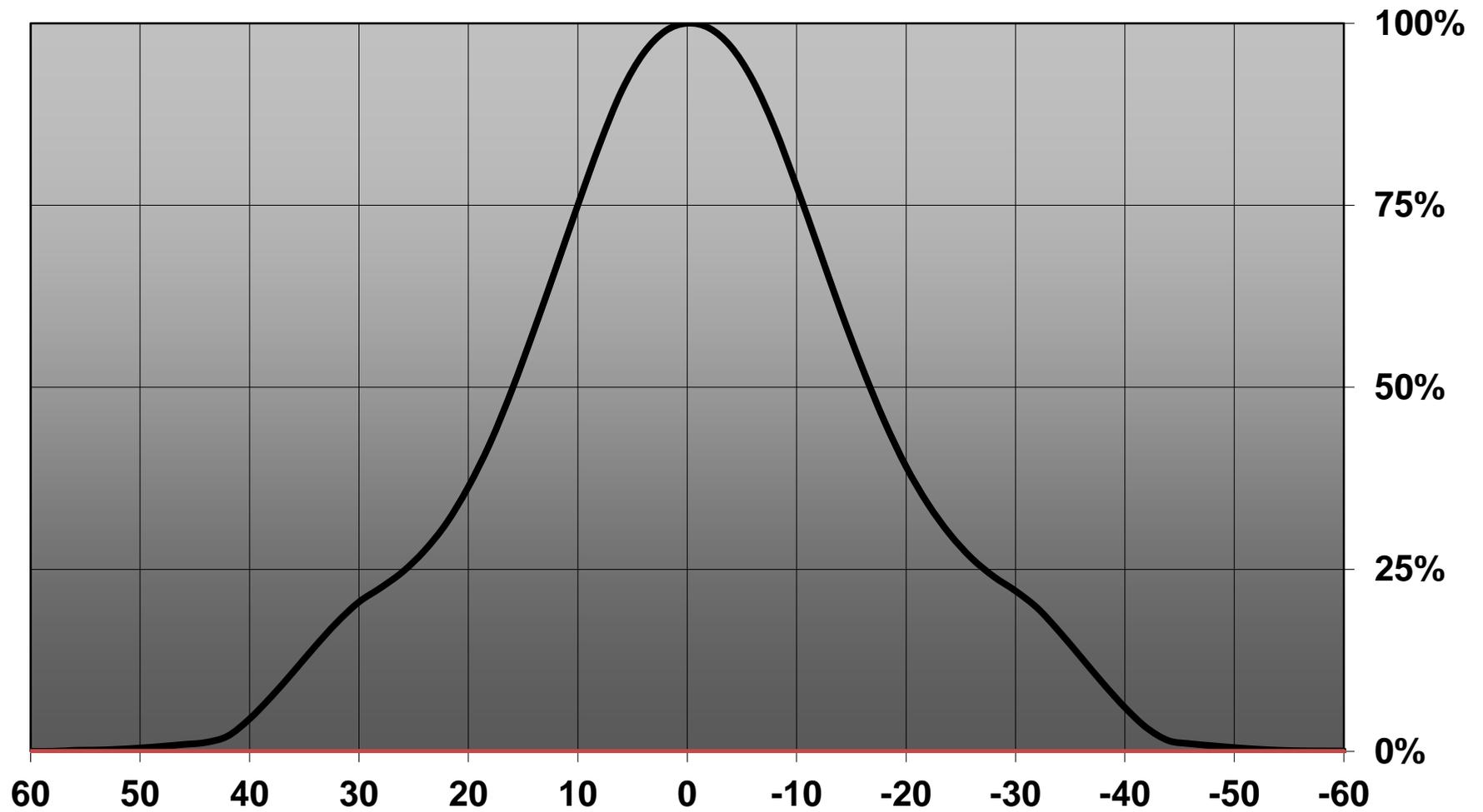
Relative intensity of CN13344_LENINA-S-CXA25



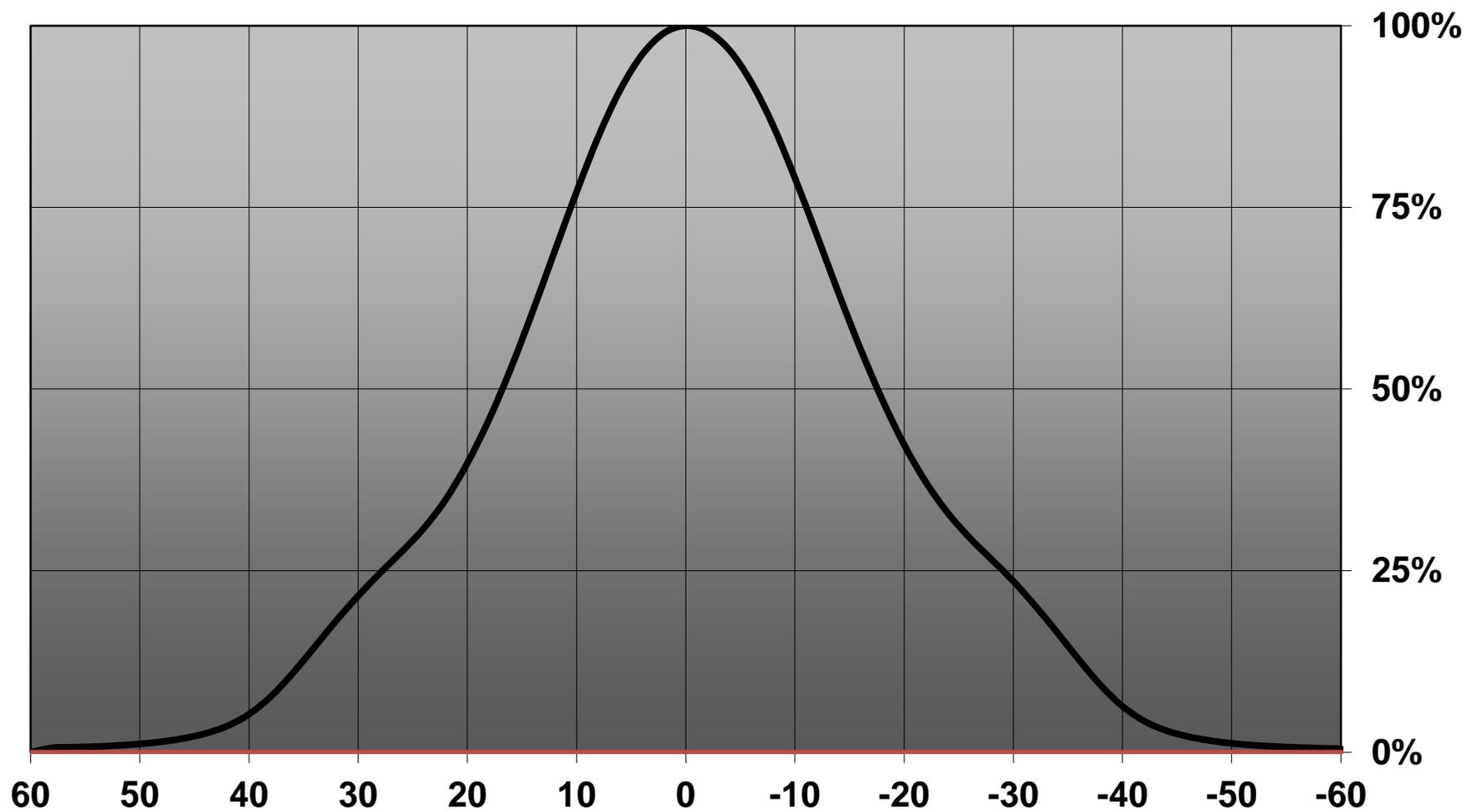
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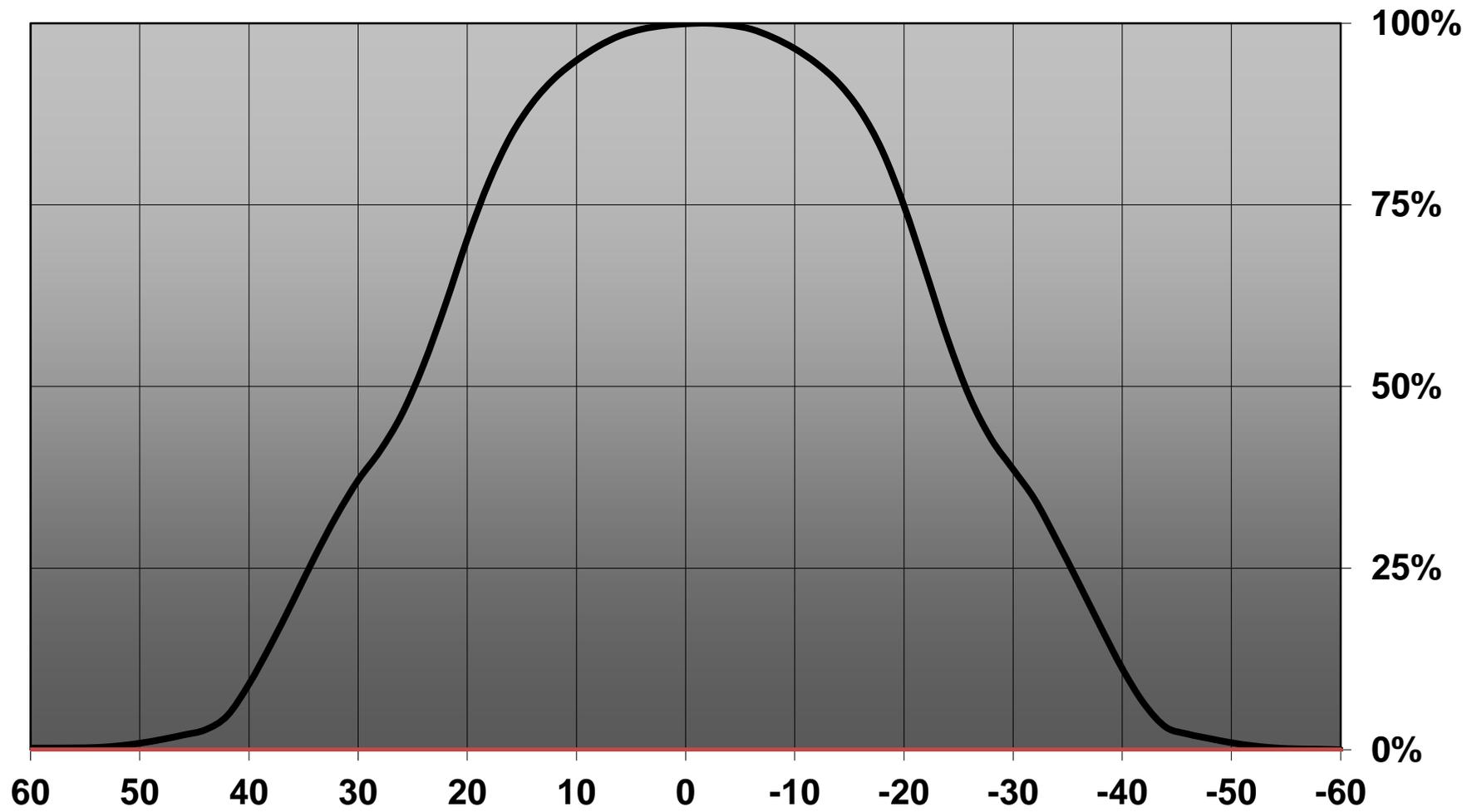
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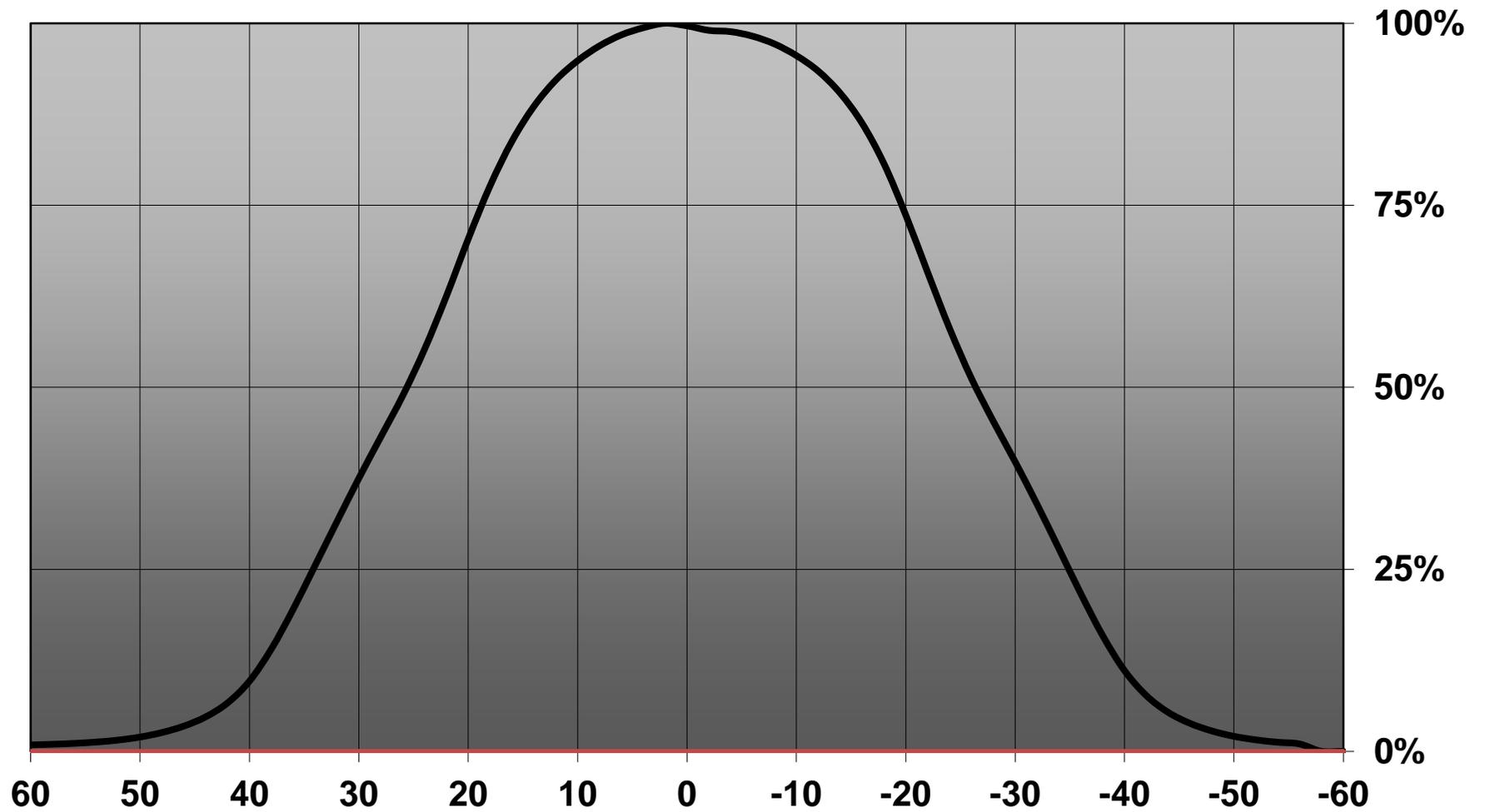
Relative intensity of CN13348_LENINA-M-DL-CXA25



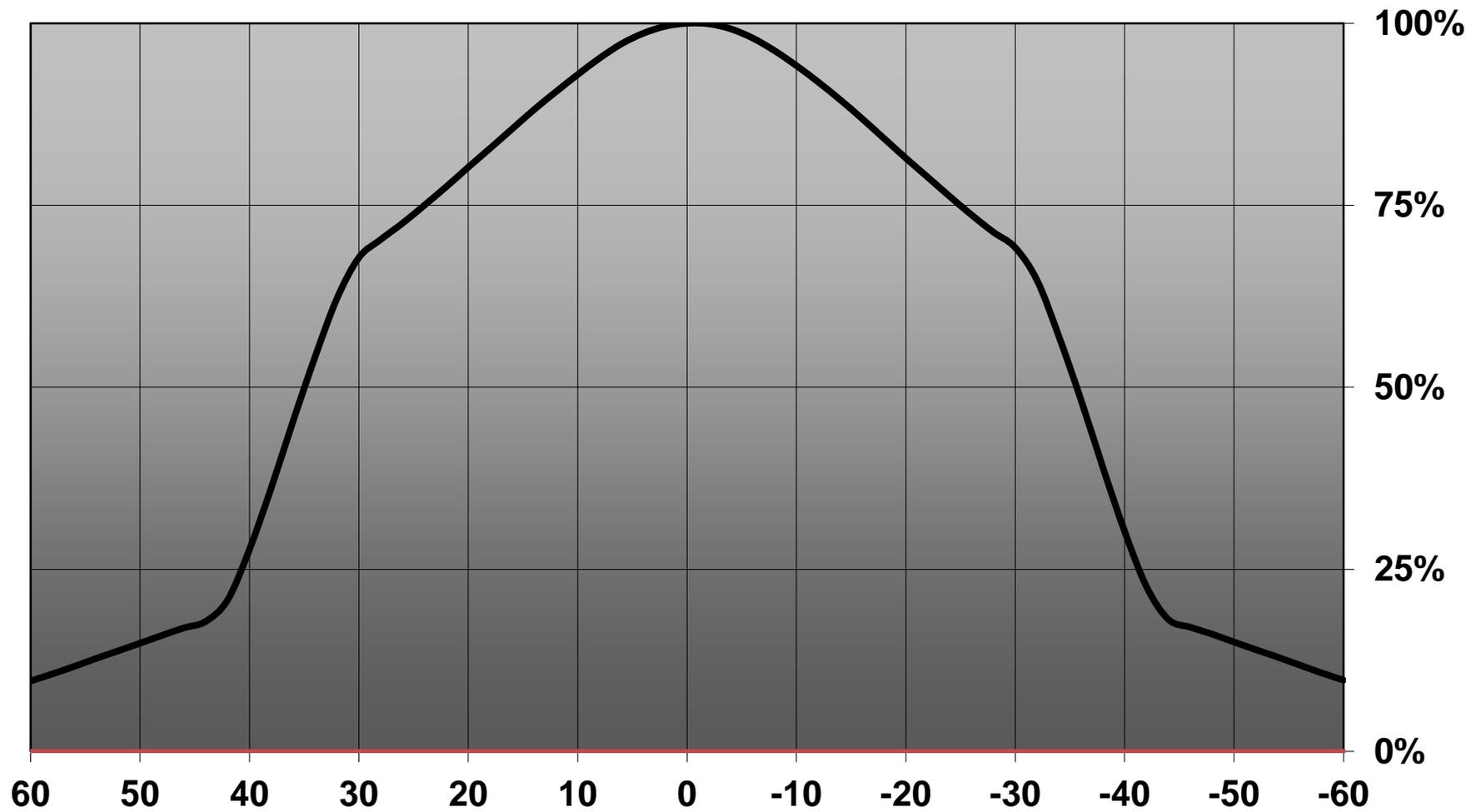
Relative intensity of CN13346_LENINA-W-CXA25



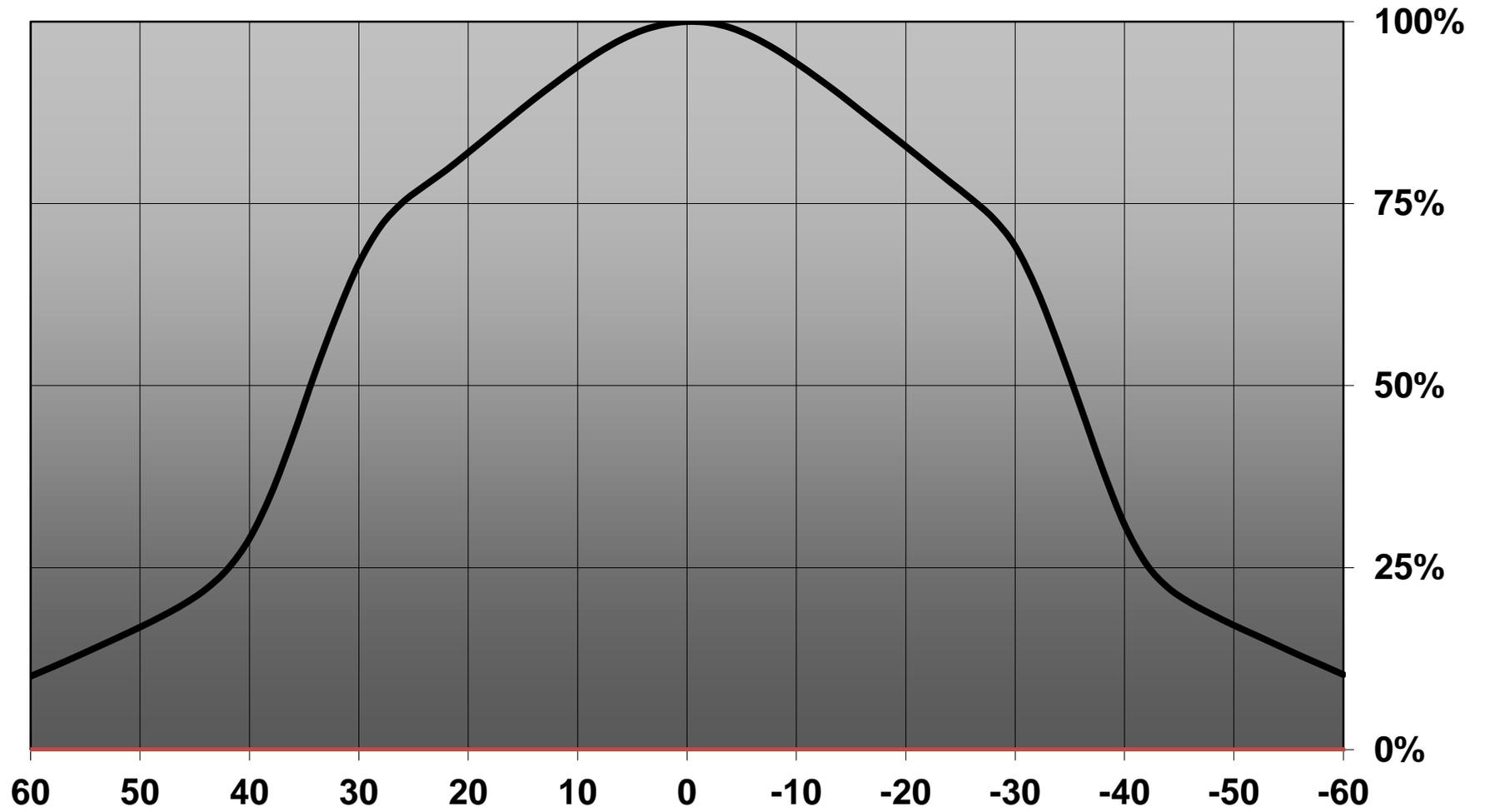
Relative intensity of CN13349_LENINA-W-DL-CXA25

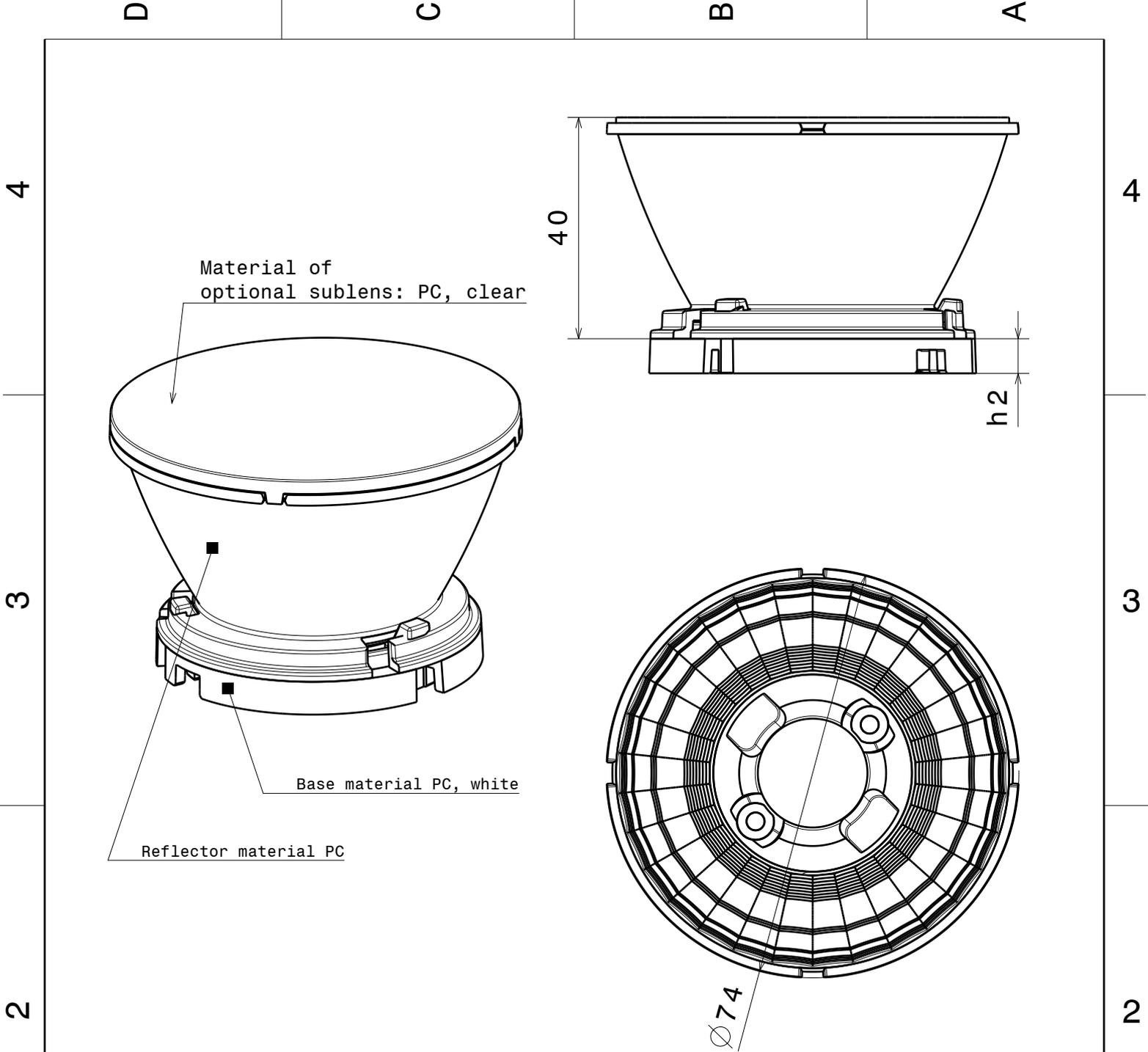


Relative intensity of CN13351_LENINA-XW-CXA25



Relative intensity of CN13352_LENINA-XW-DL-CXA25





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

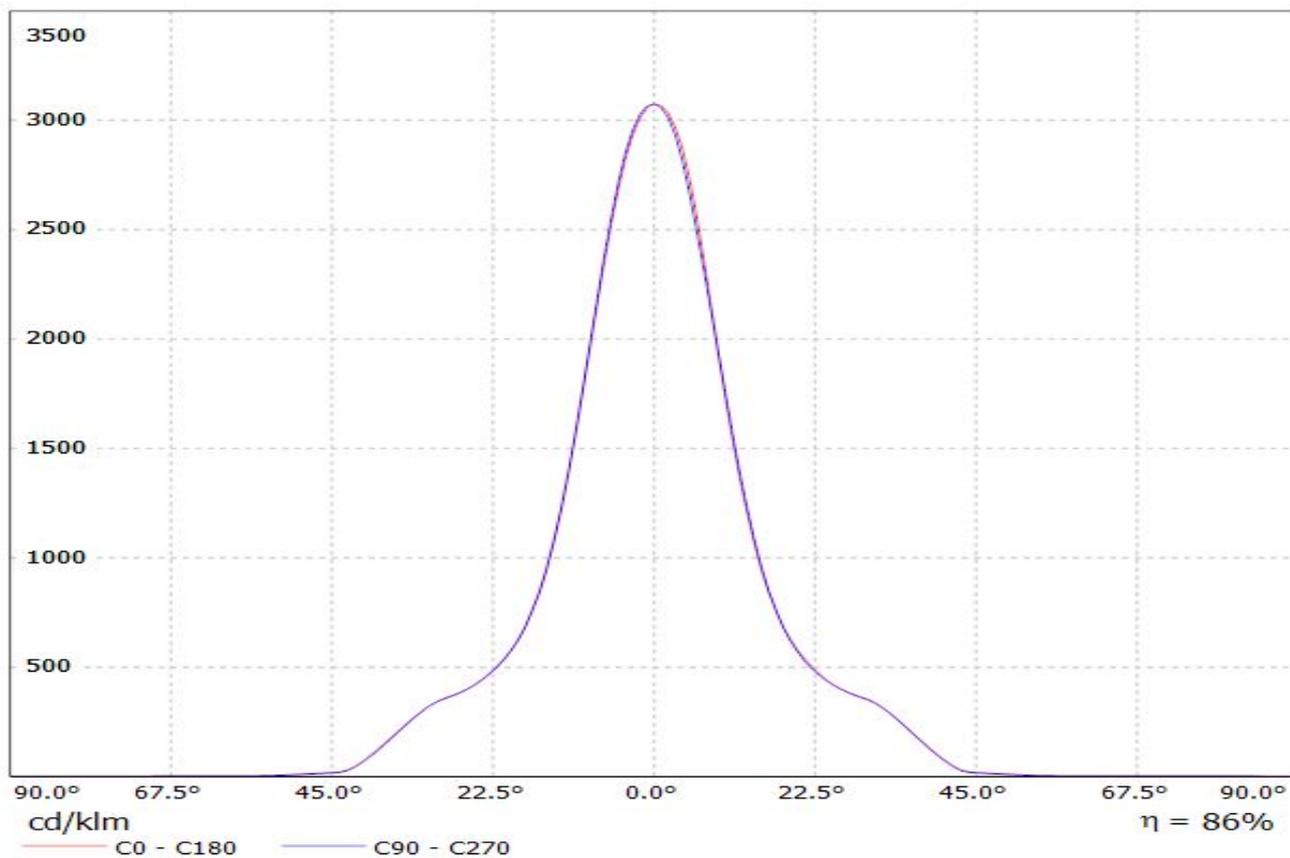
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CHECKED BY		DATE								SHEET 1 / 1	
DESIGNED BY pl		DATE 08.03.2012		SCALE 1 : 1		WEIGHT (g)				SHEET 1 / 1	

D

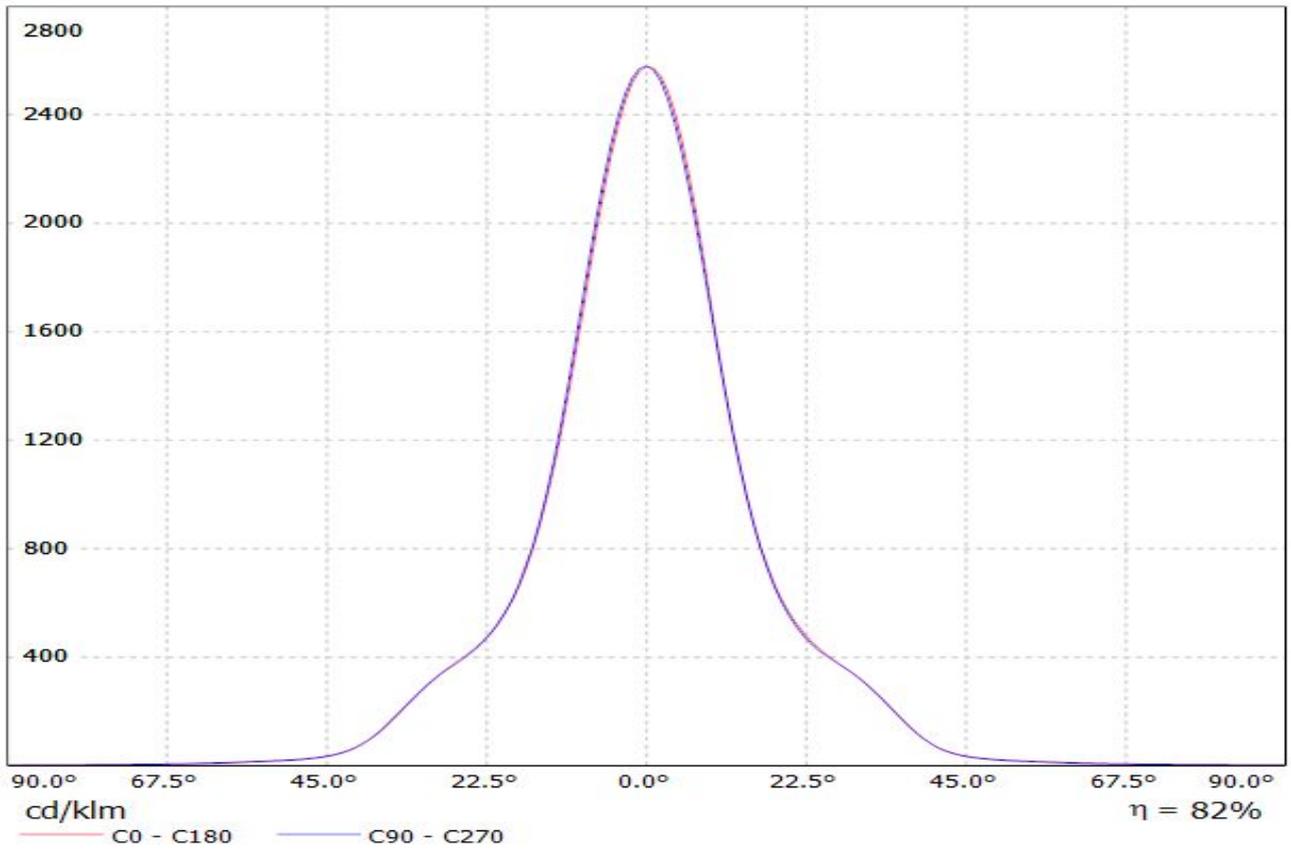
A

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

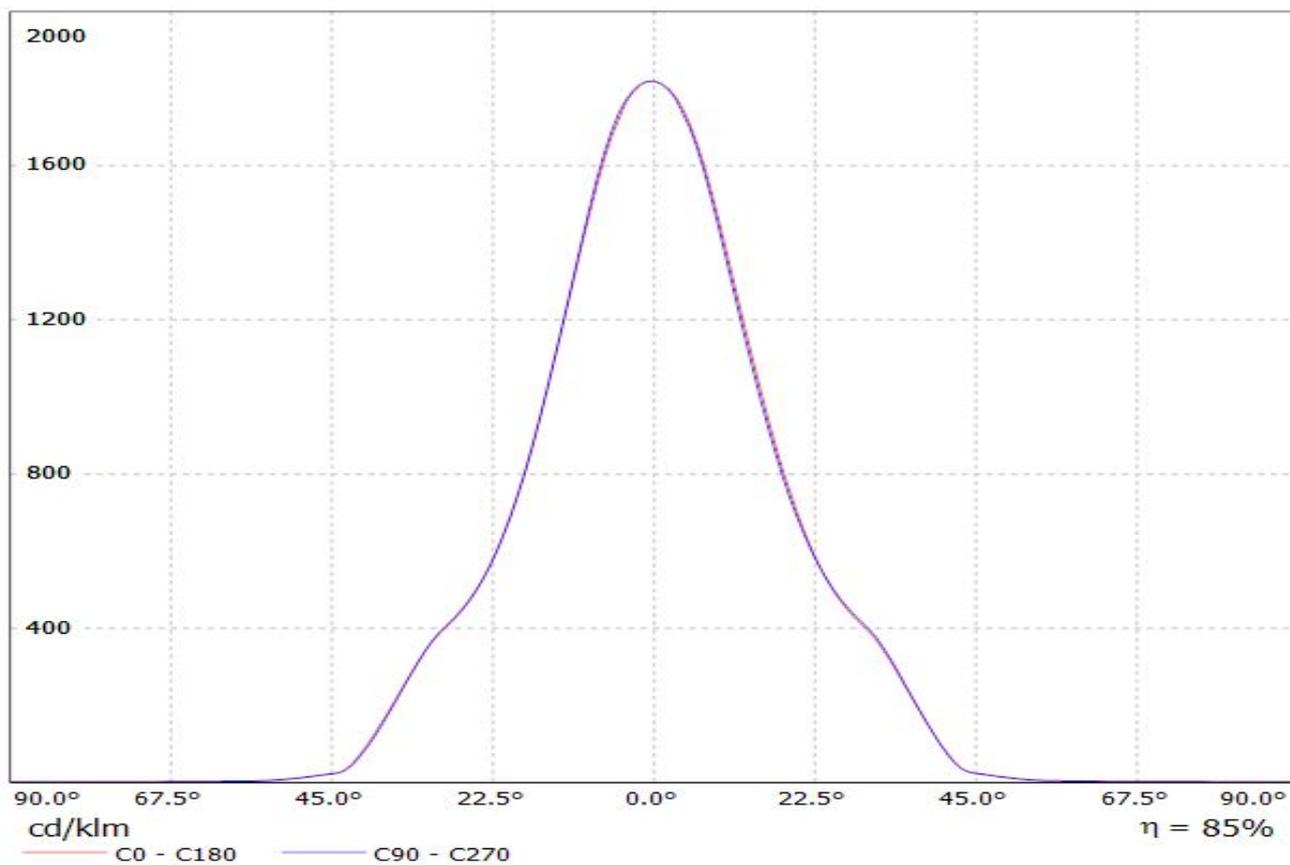
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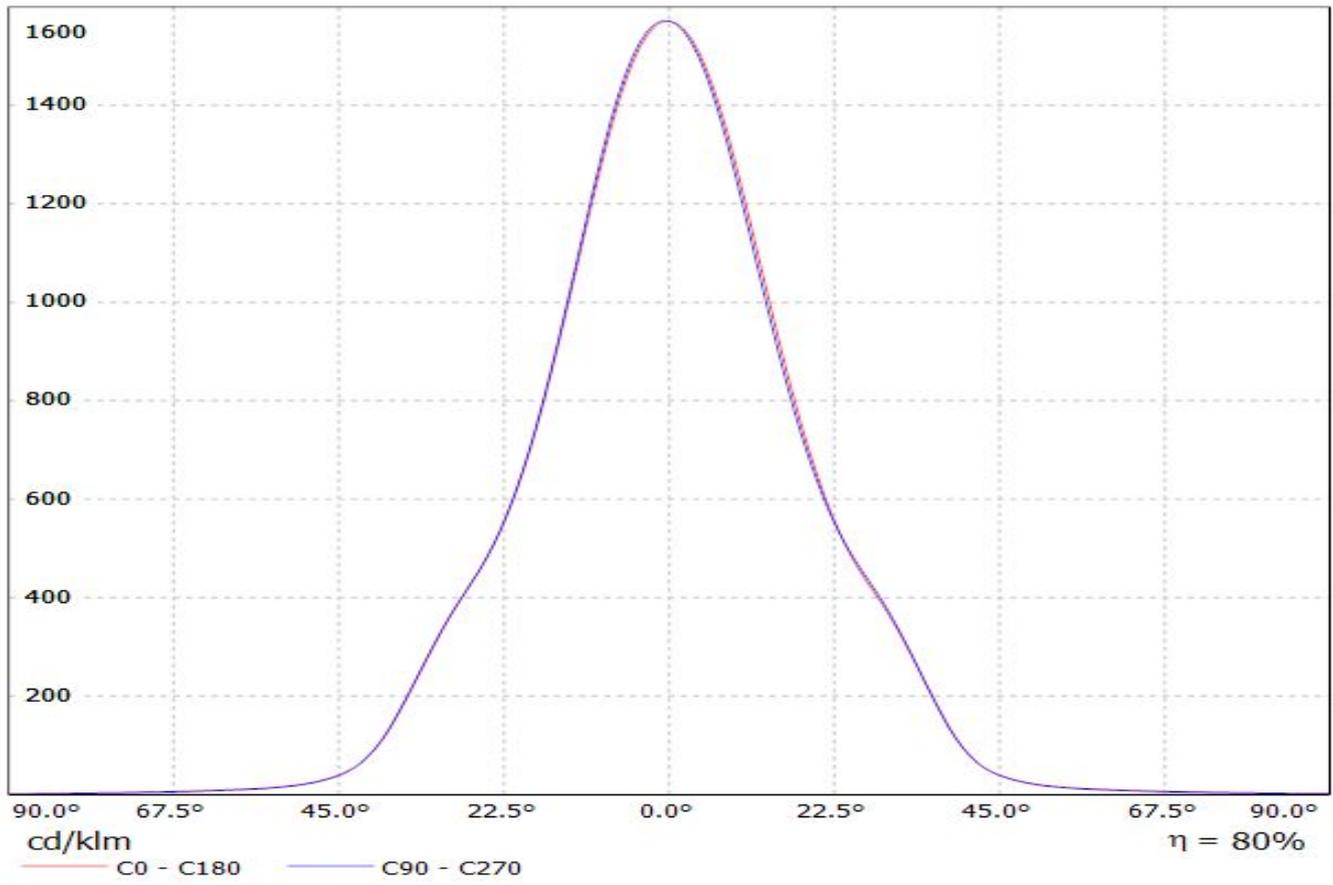
Luminaire: LEDiL Oy CN13347_LENINA-S-DL_(CXA25) Eff.81.6%
Lamps: 1 x CREE_CXA25_(2520-7A-N4-N0U) 888.265lm@250mA CCT=3000K P=8.58457W I=249.9mA



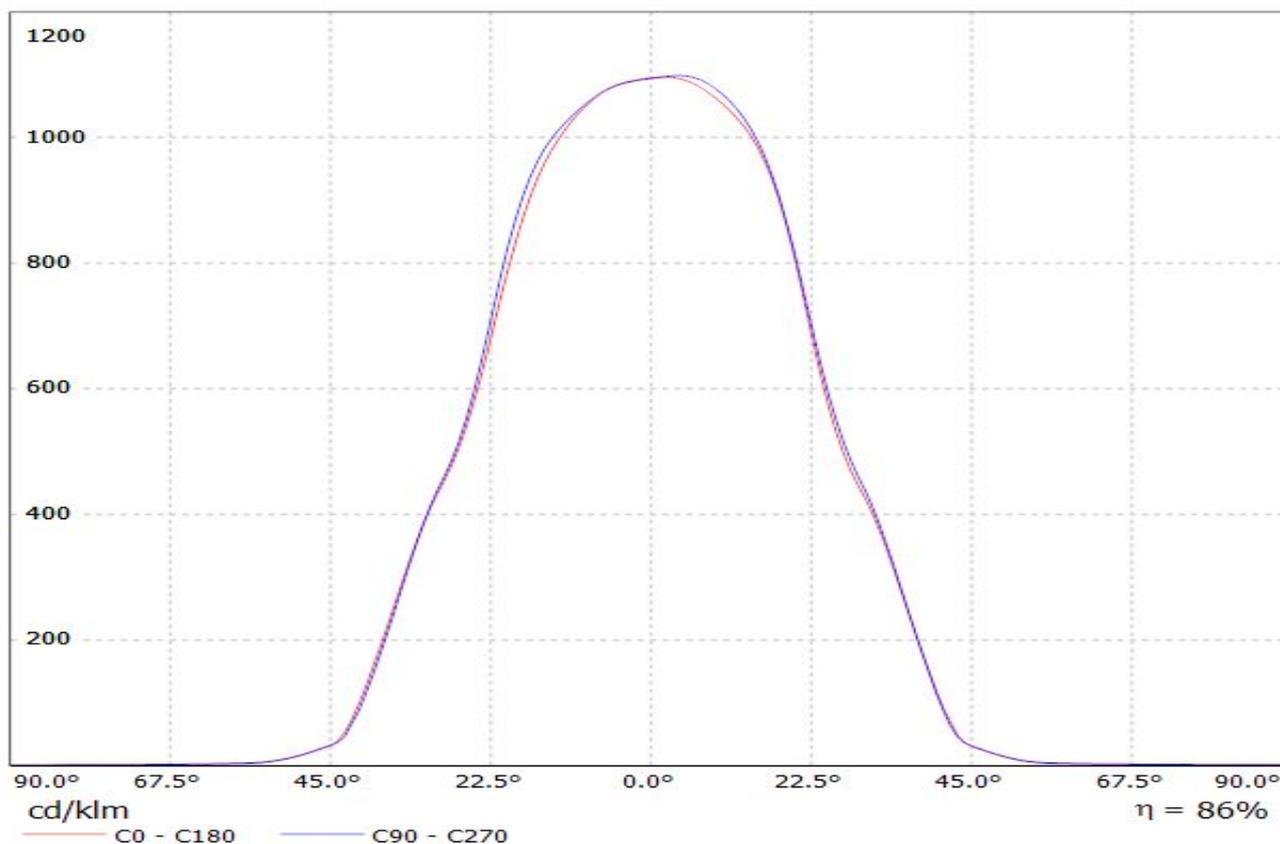
Luminaire: LEDiL Oy CN13345_LENINA-M_(CXA25) Eff.85.4%
Lamps: 1 x CREE_CXA25_(2520-7A-N4-N0U) 888.265lm@250mA CCT=3000K P=8.58457W I=249.9mA



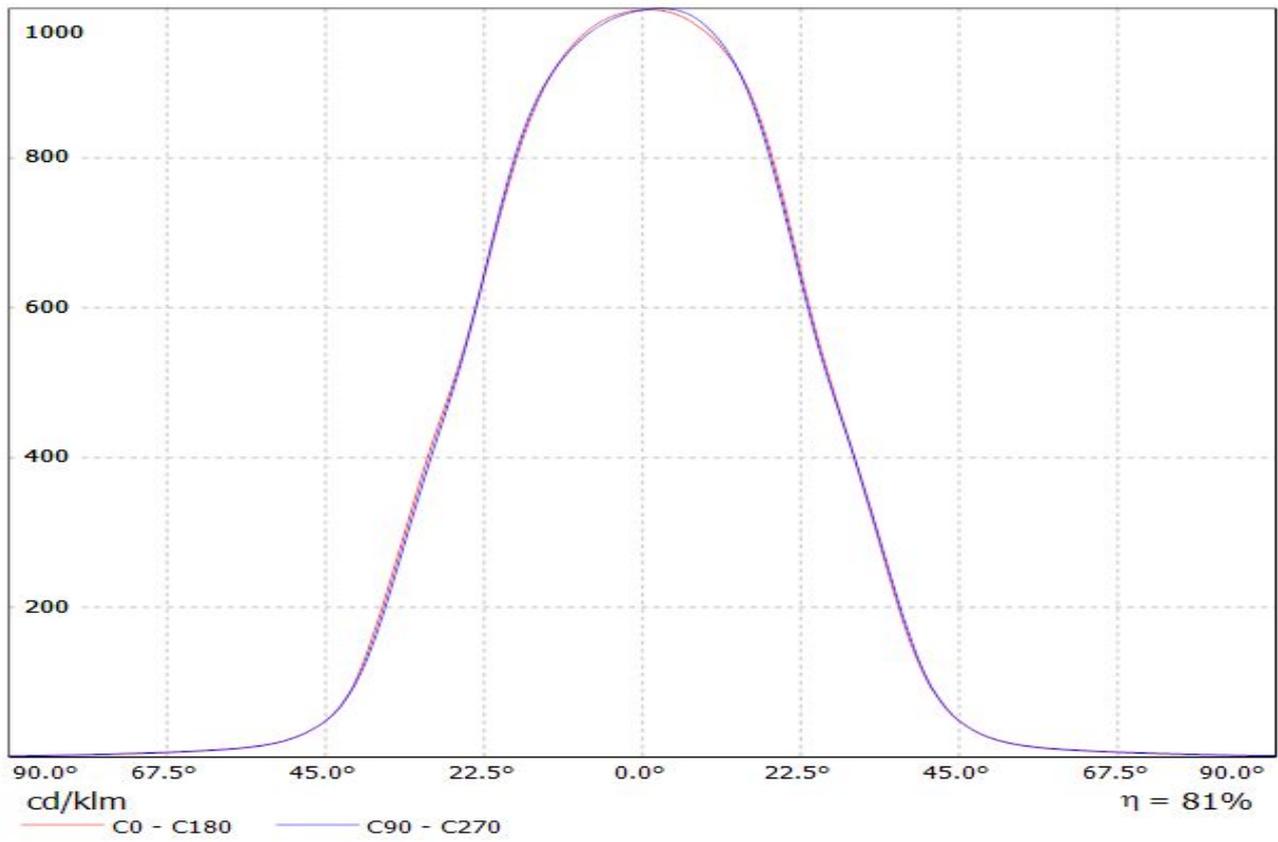
Luminaire: LEDiL Oy CN13348_LENINA-M-DL_(CXA25) Eff.80.3%
Lamps: 1 x CREE_CXA25_(2520-7A-N4-N0U) 888.265lm@250mA CCT=3000K P=8.58457W I=249.9mA



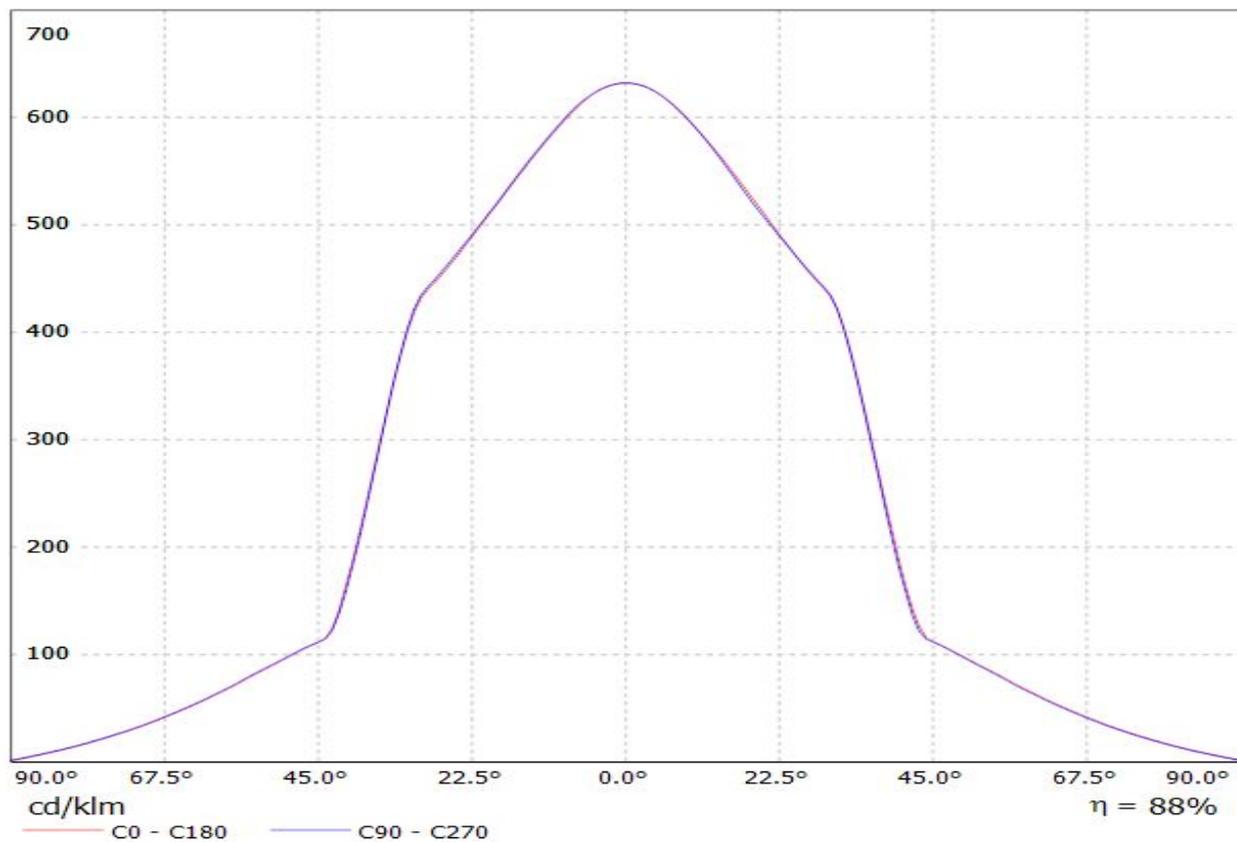
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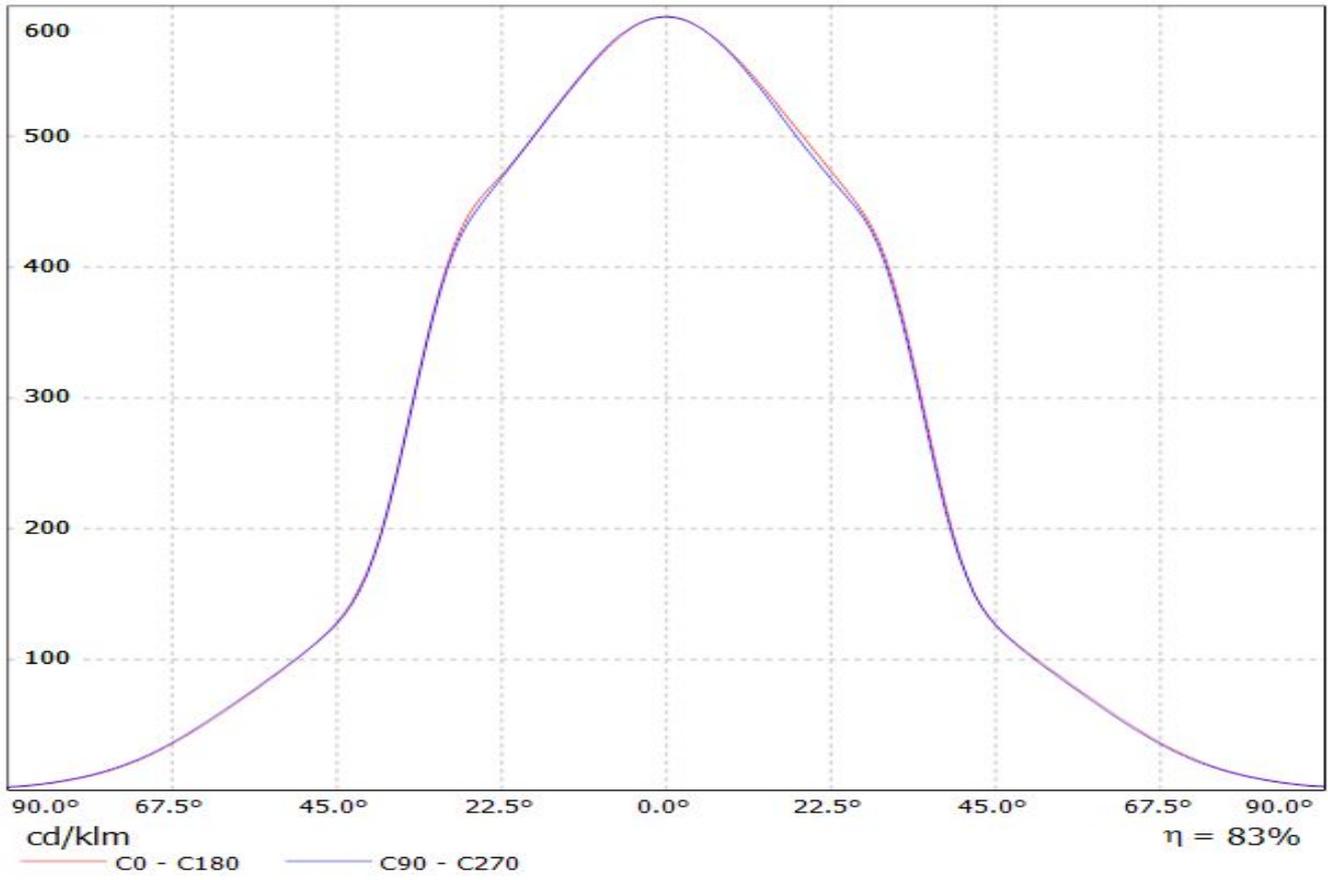
Luminaire: LEDiL Oy CN13349_LENINA-W-DL_(CXA25) Eff 81.4%
Lamps: 1 x CREE_CXA25_(2520-7A-N4-N0U) 888.265lm@250mA CCT=3000K P=8.58457W I=249.9mA



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

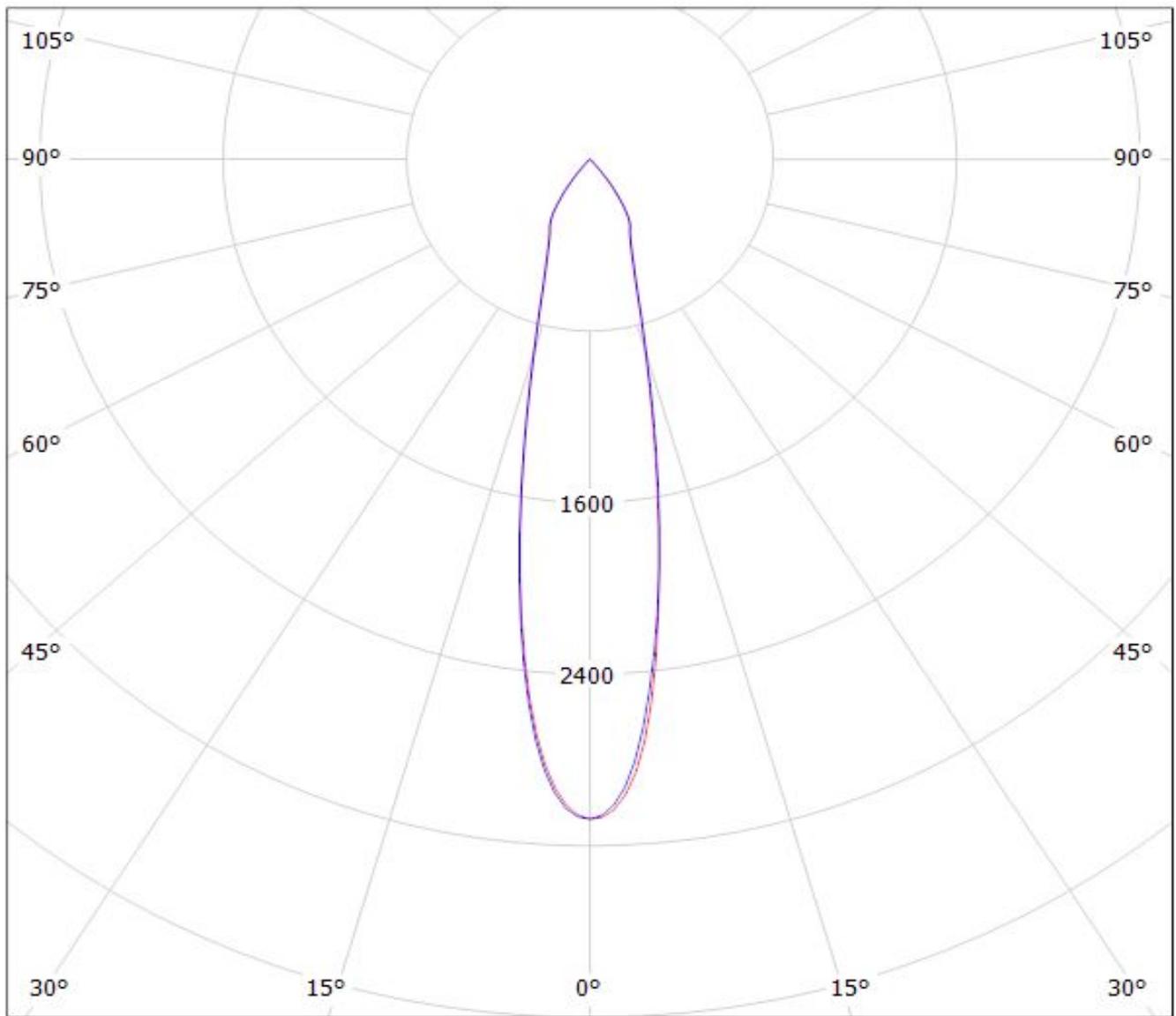


Luminaire: LEDiL Oy CN13352_LENINA-XW-DL_(CXA25) Eff.84%
Lamps: 1 x CREE_CXA25_(2520-7A-N4-N0U) 888.265lm@250mA CCT=3000K P=8.58457W I=249.9mA



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



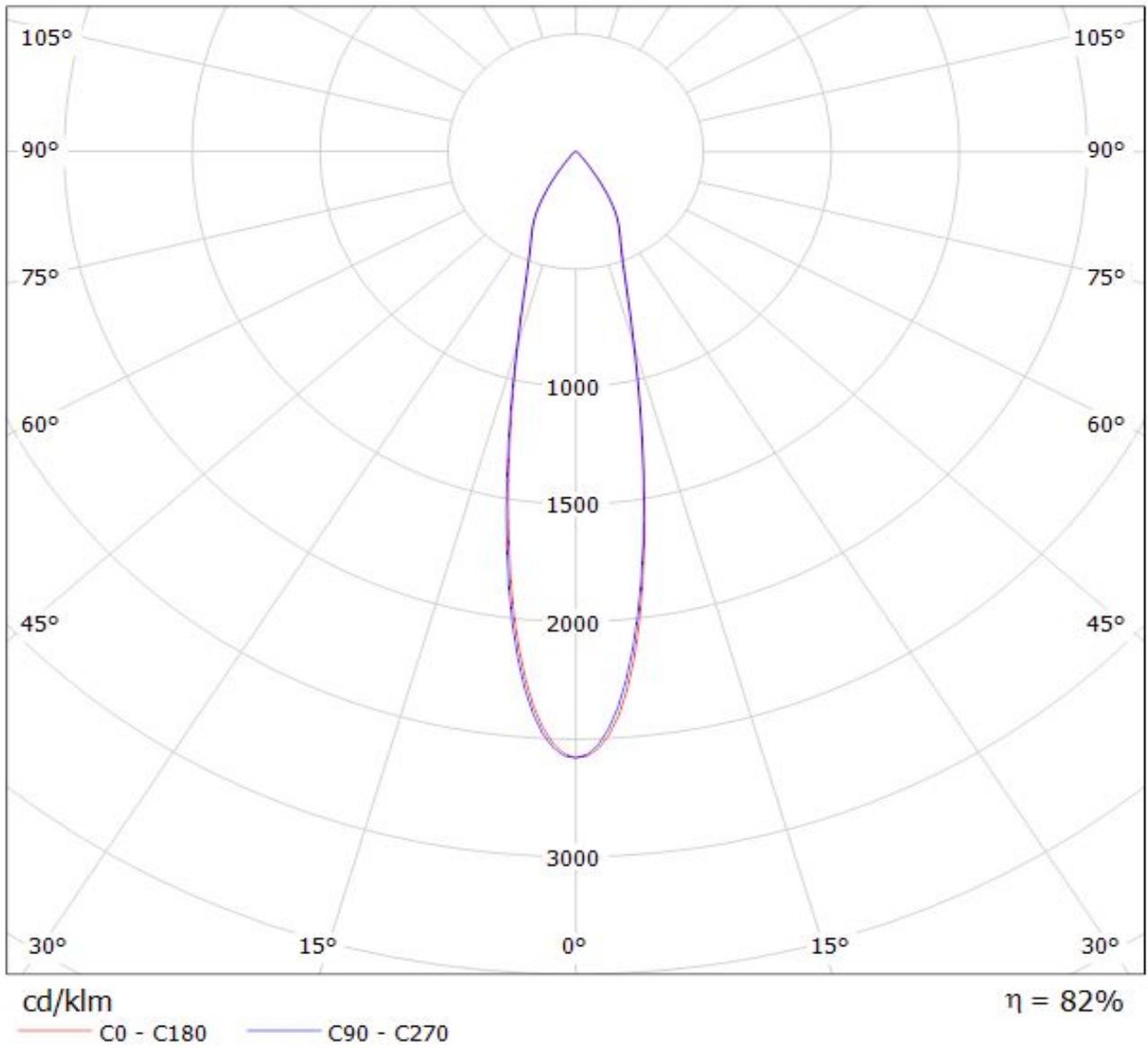
cd/klm

$\eta = 86\%$

— C0 - C180

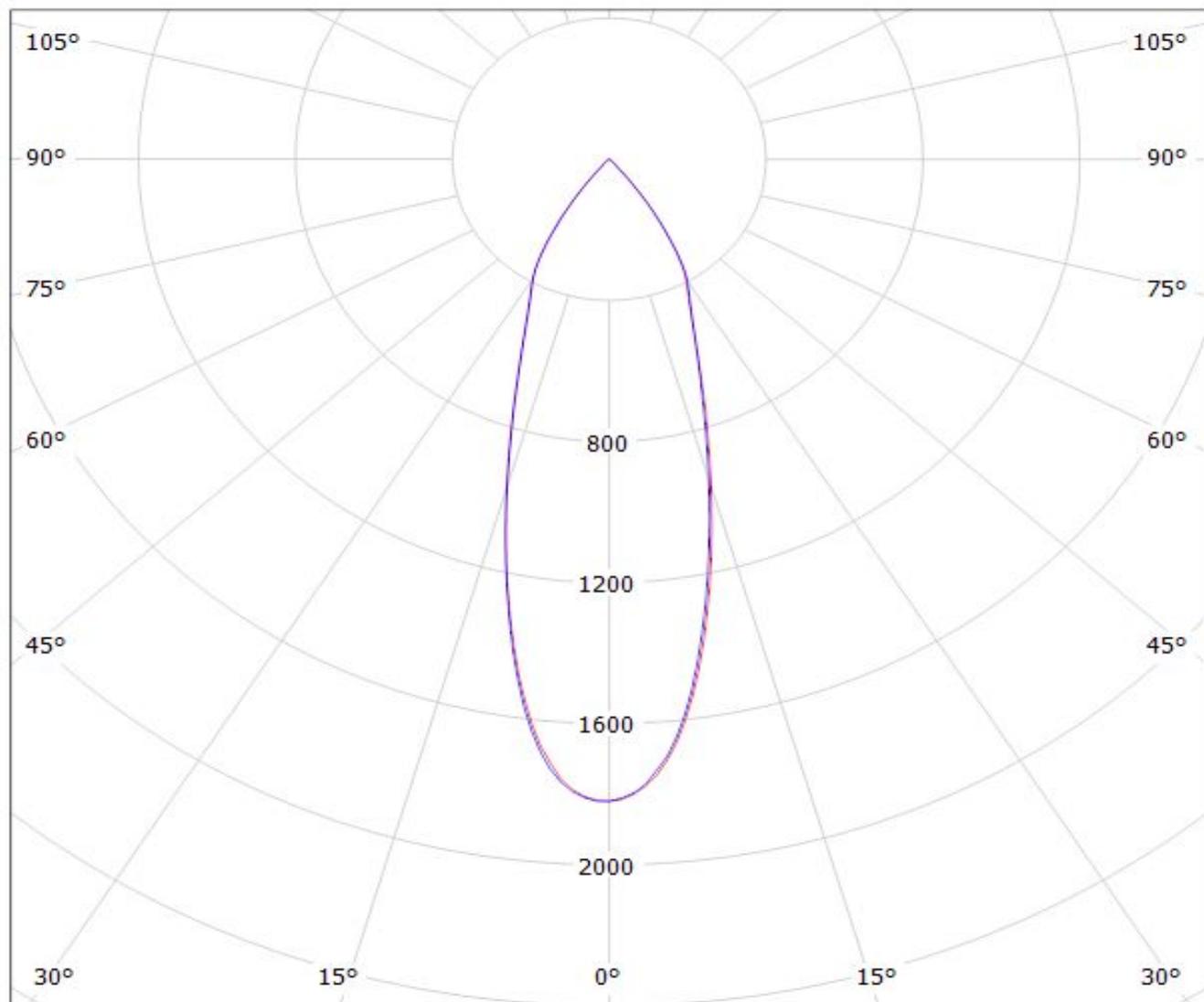
— C90 - C270

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

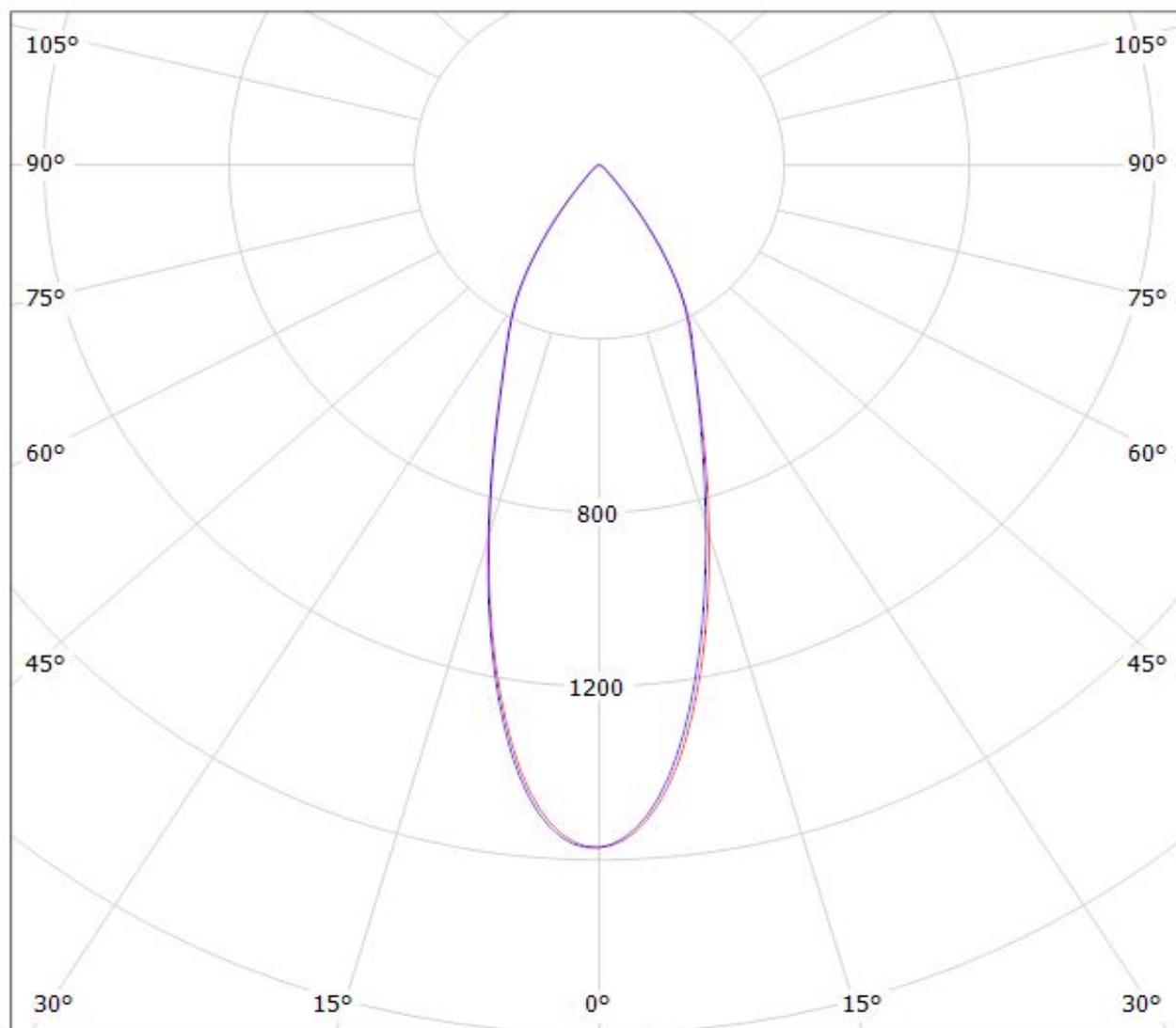
$\eta = 85\%$

— 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



cd/klm

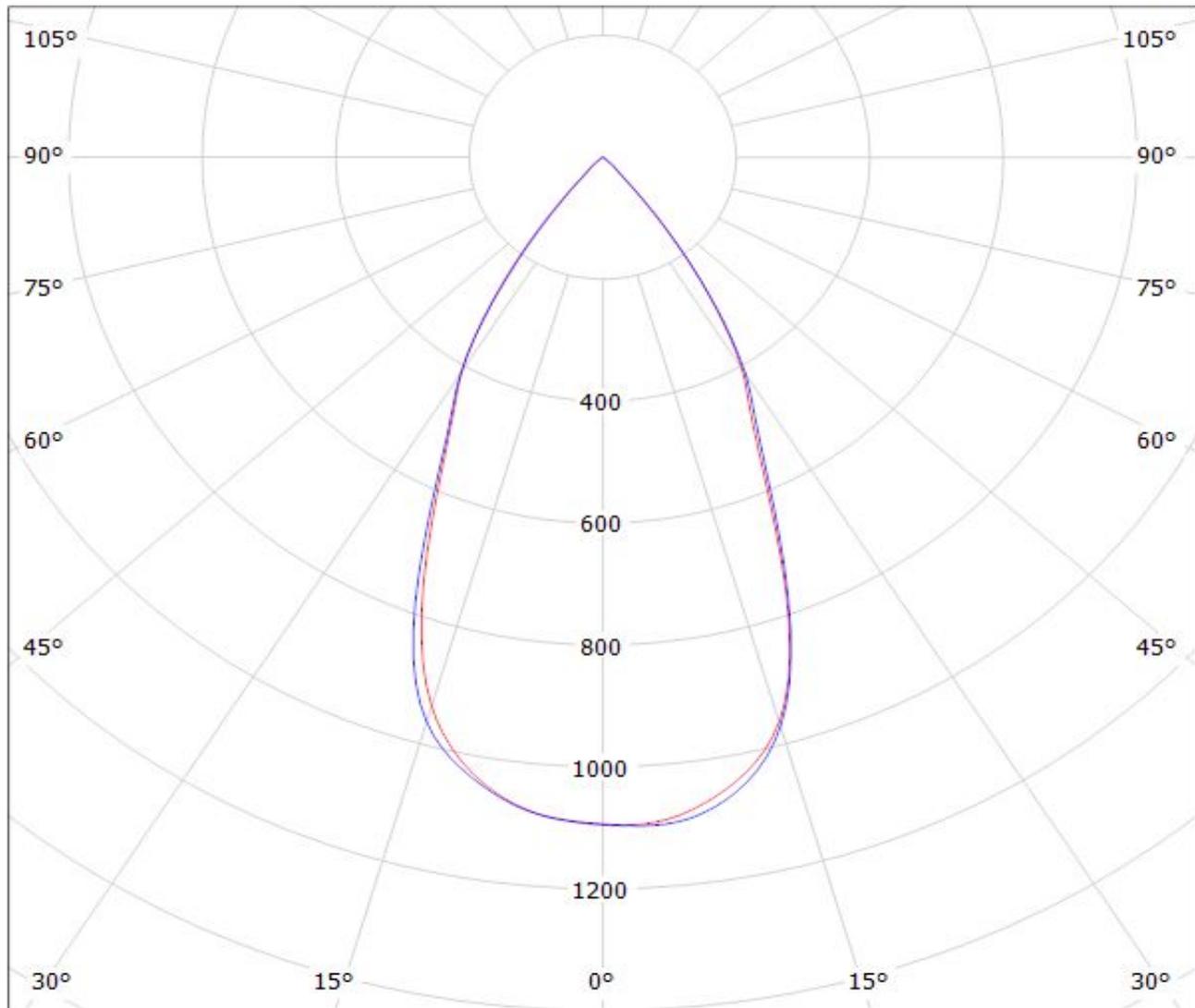
$\eta = 80\%$

— C0 - C180

— C90 - C270

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



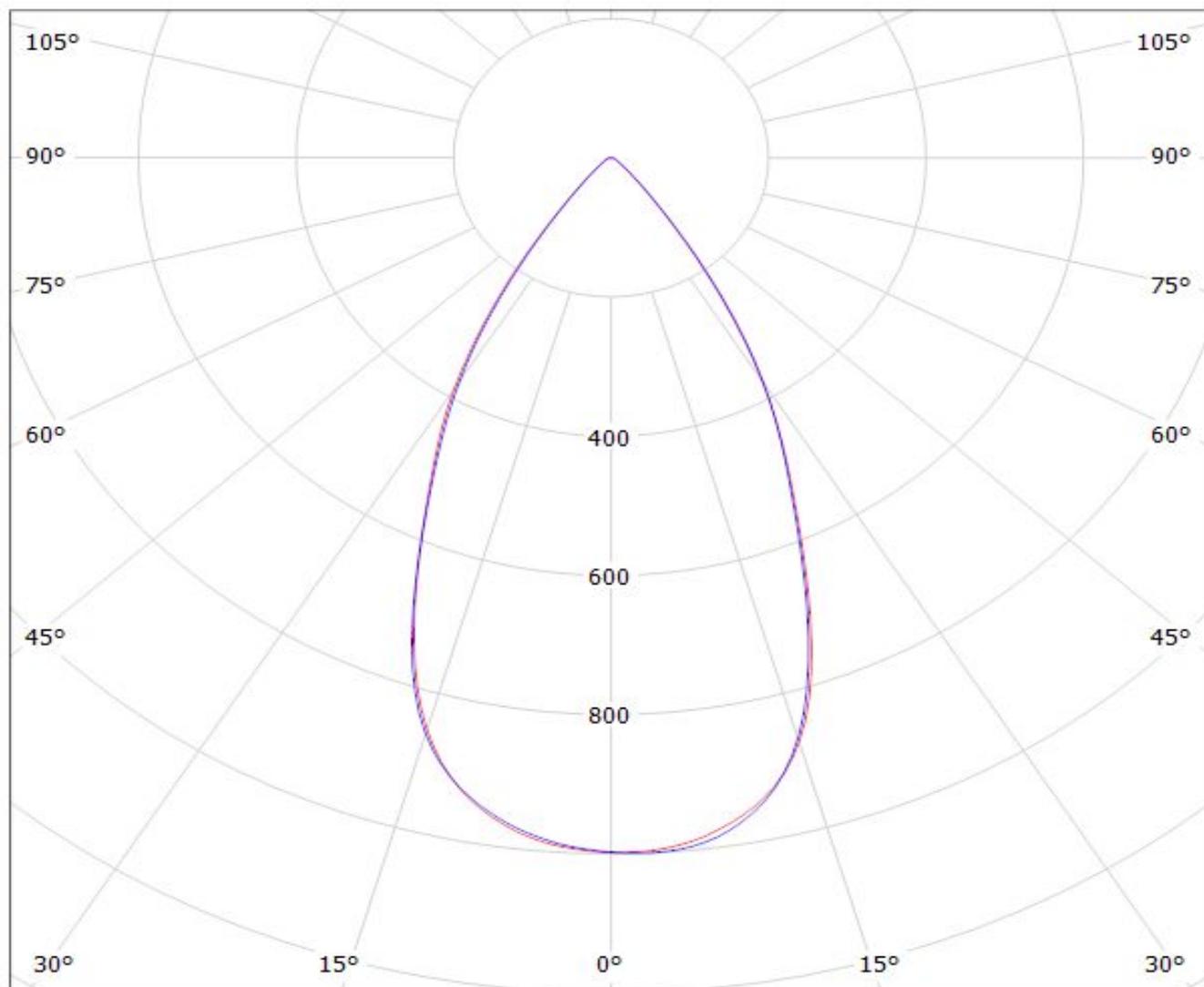
cd/klm

— C0 - C180 — C90 - C270

$\eta = 86\%$

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



cd/klm

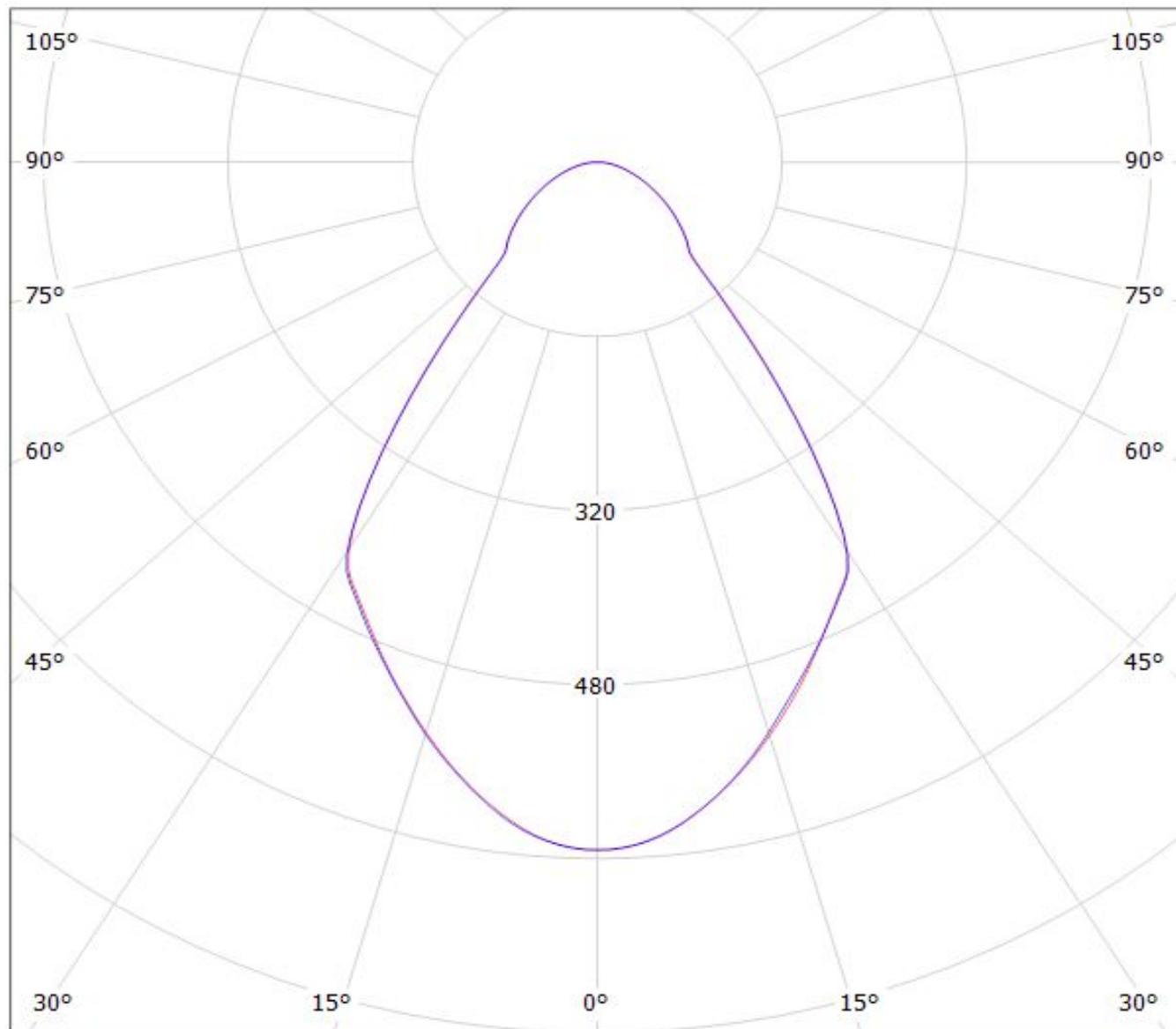
$\eta = 81\%$

— C0 - C180

— C90 - C270

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



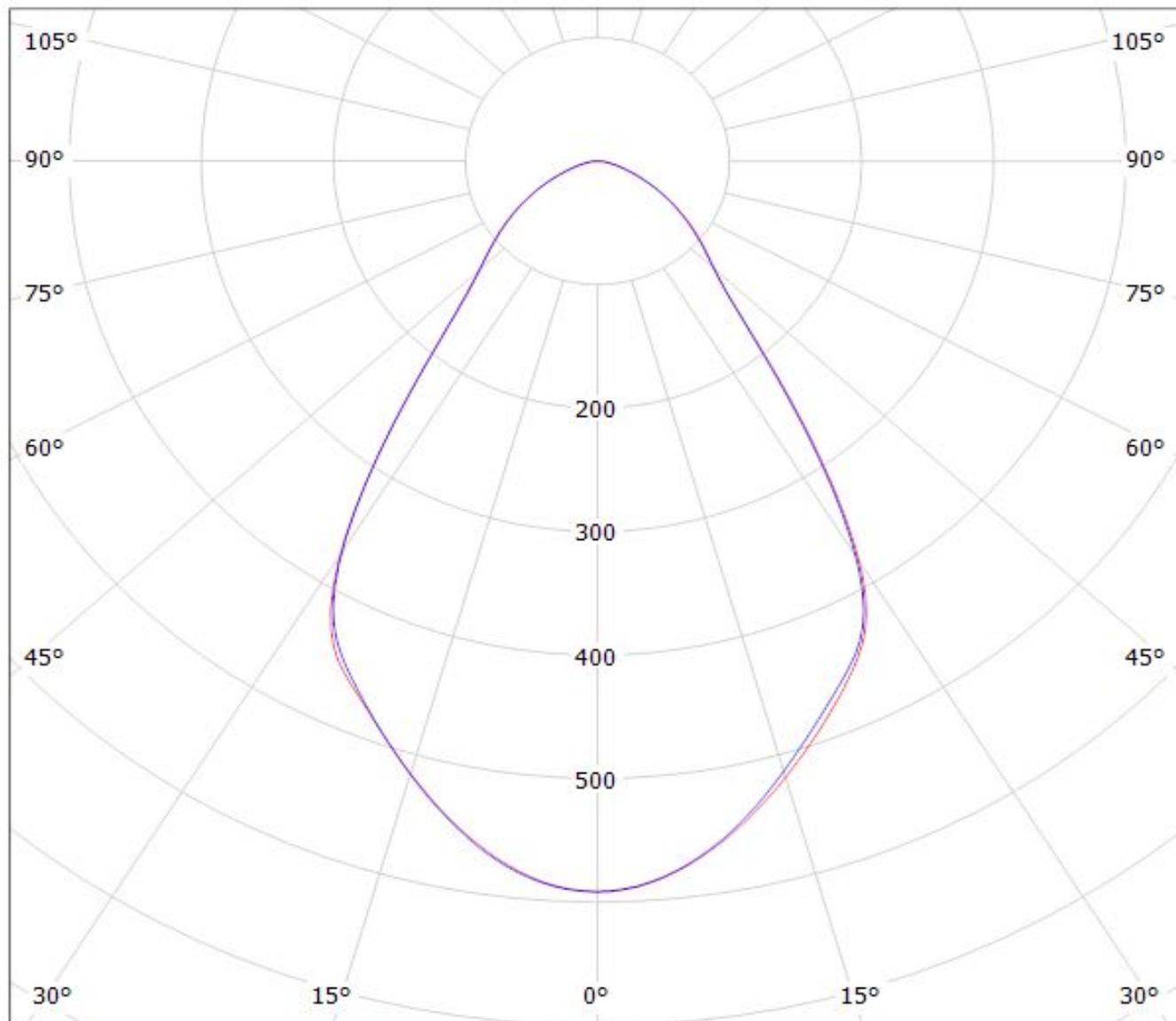
cd/klm

— C0 - C180

— C90 - C270

η = 88%

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

— C0 - C180 — C90 - C270

$\eta = 83\%$