


Product number **CN13344_LENINA-S**

Family	Lenina	FWHM	22 degrees
Type	RefPack	Efficiency	86 %
LED	CXA25xx	cd/lm	3.200
Color	Metal	Gerber File	Available
Diameter	74 mm		Reflector twist-and-locks into included base part that holds COB in place. Base part is attached into heat sink with screws.
Height	47.3 mm		
Style	Round		
Optic Material	PC		
Holder Material	PC		
Fastening	Socket		
Status	On production		

Product number **CN13347_LENINA-S-DL**

Family	Lenina	FWHM	23 degrees
Type	RefPack	Efficiency	78 %
LED	CXA25xx	cd/lm	2.700
Color	Metal	Gerber File	Available
Diameter	74 mm		Reflector twist-and-locks into included base part that holds COB in place. Base part is attached into heat sink with screws.
Height	49.4 mm		
Style	Round		
Optic Material	PC		
Holder Material	PC		
Fastening	Socket		
Status	On production		

Product number **CN13345_LENINA-M**

Family	Lenina	FWHM	33 degrees
Type	RefPack	Efficiency	86 %
LED	CXA25xx	cd/lm	1.900
Color	Metal	Gerber File	Available
Diameter	74 mm		Reflector twist-and-locks into included base part that holds COB in place. Base part is attached into heat sink with screws.
Height	47.3 mm		
Style	Round		
Optic Material	PC		
Holder Material	PC		
Fastening	Socket		
Status	On production		

Product number **CN13348_LENINA-M-DL**

Family	Lenina	FWHM	35 degrees
Type	RefPack	Efficiency	78 %
LED	CXA25xx	cd/lm	1.600
Color	Metal	Gerber File	Available
Diameter	74 mm		Reflector twist-and-locks into included base part that holds COB in place. Base part is attached into heat sink with screws.
Height	49.4 mm		
Style	Round		
Optic Material	PC		
Holder Material	PC		
Fastening	Socket		
Status	On production		


Product number **CN13346_LENINA-W**

Family	Lenina	FWHM	51 degrees
Type	RefPack	Efficiency	84 %
LED	CXA25xx	cd/lm	1.200
Color	Metal	Gerber File	Available
Diameter	74 mm		
Height	47.3 mm		
Style	Round		
Optic Material	PC		
Holder Material	PC		
Fastening	Socket		
Status	On production		
			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	FWHM	52 degrees
Type	RefPack	Efficiency	76 %
LED	CXA25xx	cd/lm	1.100
Color	Metal	Gerber File	Available
Diameter	74 mm		
Height	49.4 mm		
Style	Round		
Optic Material	PC		
Holder Material	PC		
Fastening	Socket		
Status	On production		
			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	FWHM	70 degrees
Type	RefPack	Efficiency	89 %
LED	CXA25xx	cd/lm	0.700
Color	White	Gerber File	Available
Diameter	74 mm		
Height	47.3 mm		
Style	Round		
Optic Material	PC		
Holder Material	PC		
Fastening	Socket, screw		
Status	On production		
			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	FWHM	70 degrees
Type	RefPack	Efficiency	84 %
LED	CXA25xx	cd/lm	0.600
Color	White	Gerber File	Available
Diameter	74 mm		
Height	47.3 mm		
Style	Round		
Optic Material	PC		
Holder Material	PC		
Fastening	Socket		
Status	On production		
			Reflector twist-and-locks into included base part that holds COB in place. Base part is attached into heat sink with screws.

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.

GENERAL INFORMATION

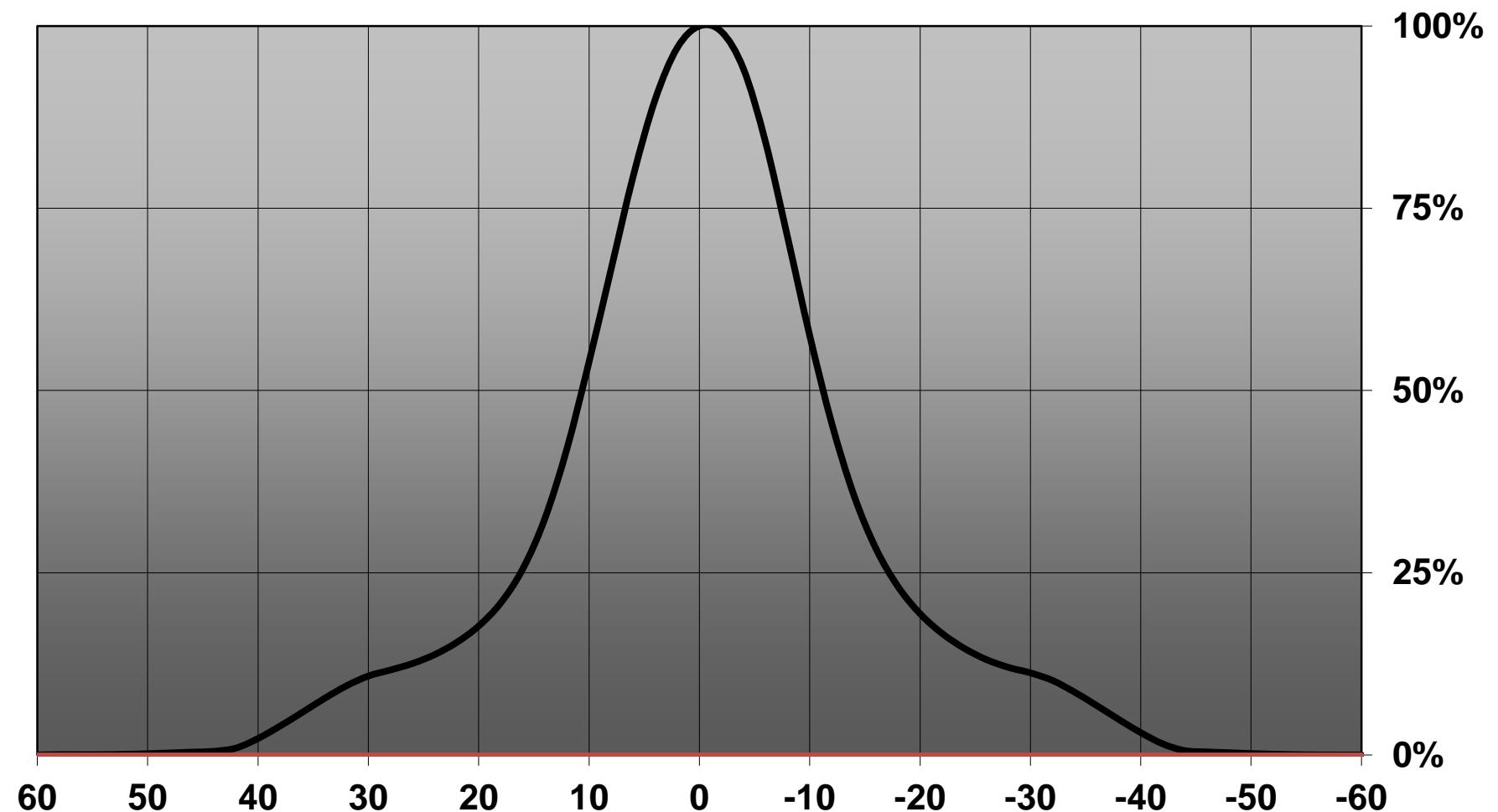
- Product series especially designed & optimized for CXA25xx series of LEDs.
- Special care taken to make light distribution as uniform as possible.
- Lens material optical grade PC with high UV and temperature resistance (120 degrees of Celcius / 248 degrees of Fahrenheit). Allows use of high current and temperature conditions.

Please find more information about used materials from below:

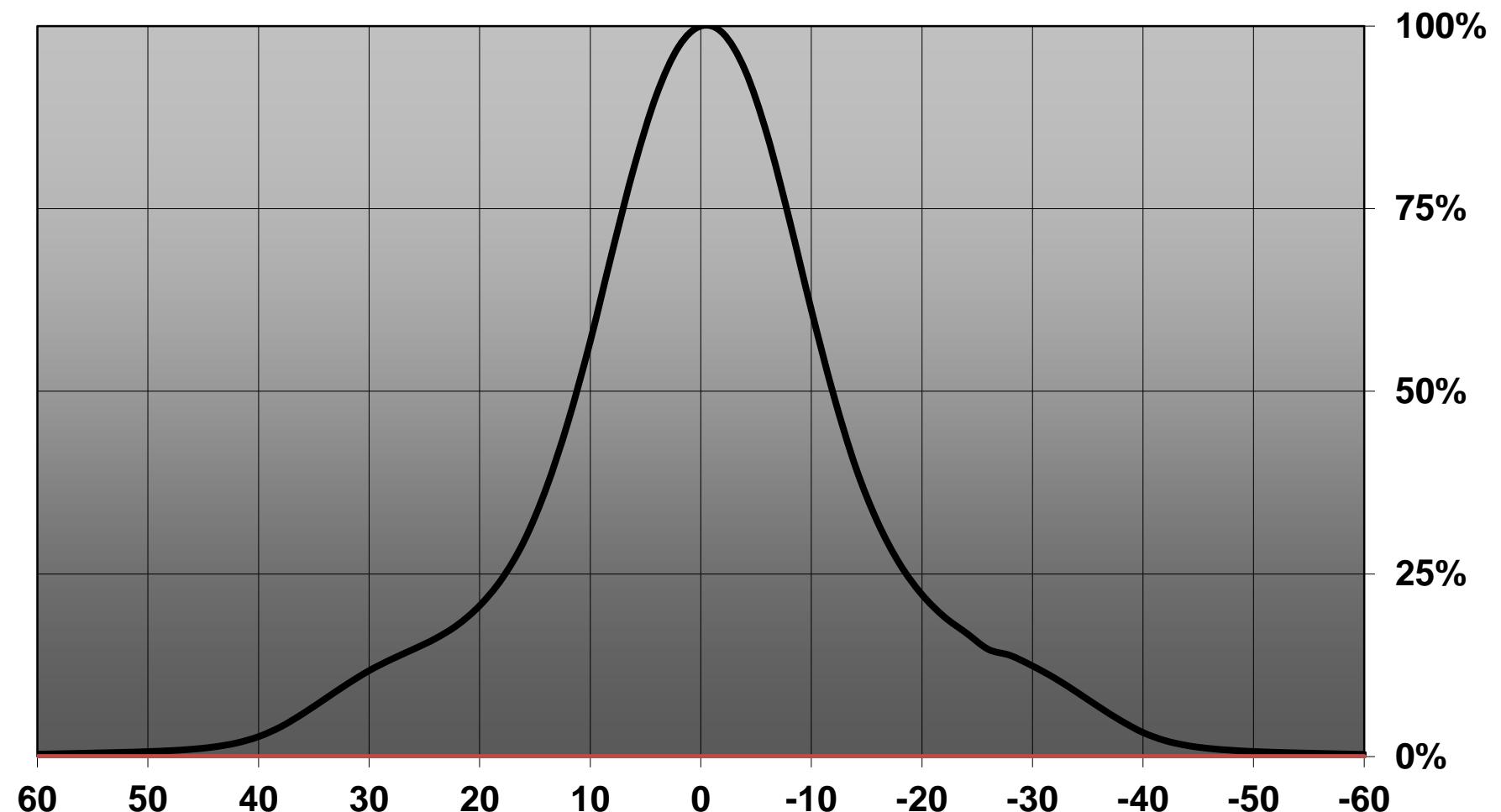
http://ledil.fi/sites/default/files/Documents/Technical/Material/PC%20Makrolon%202400_2407_2456_2458-UL.pdf

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

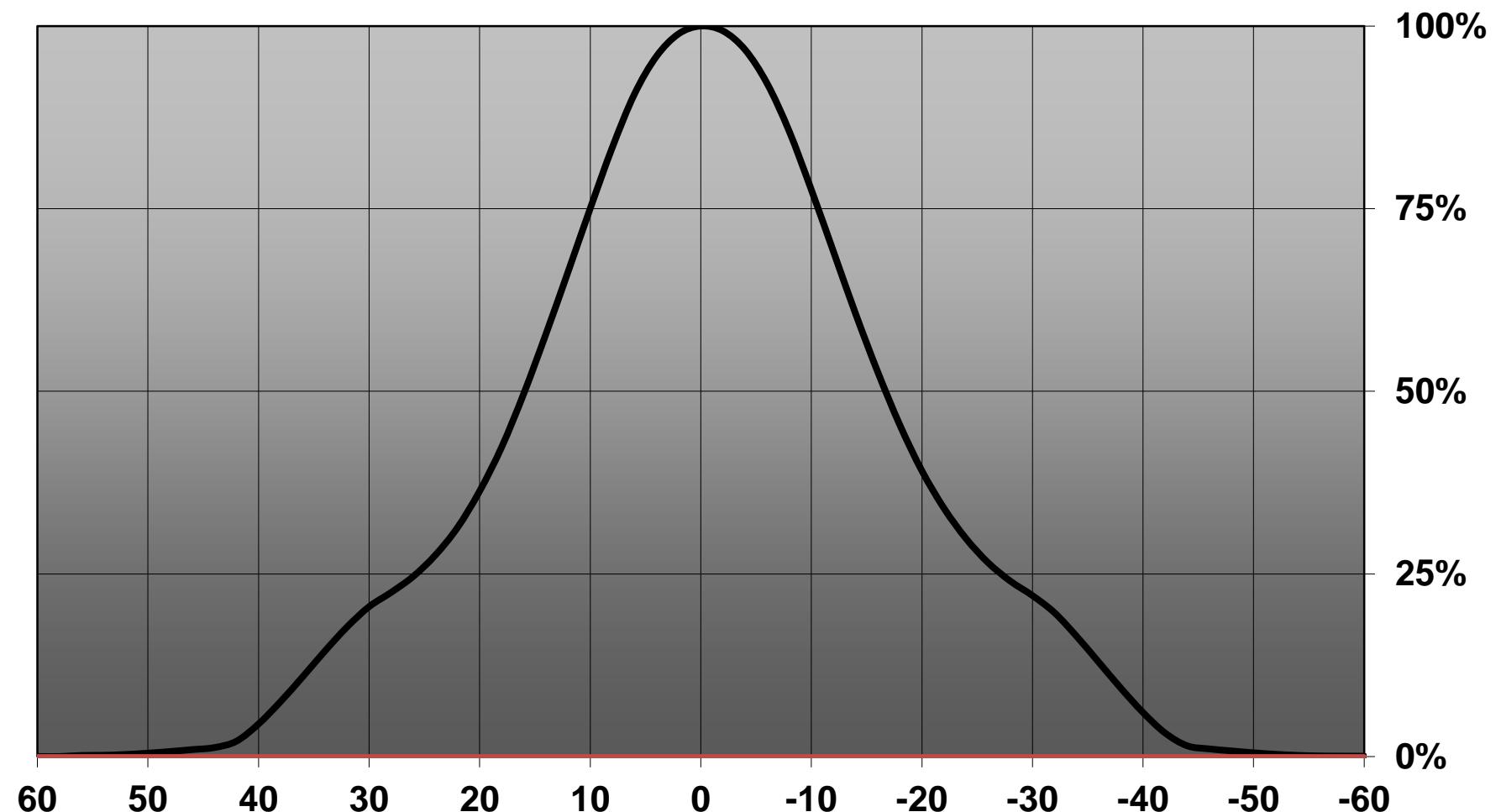
Relative intensity of CN13344_LENINA-S-CXA25



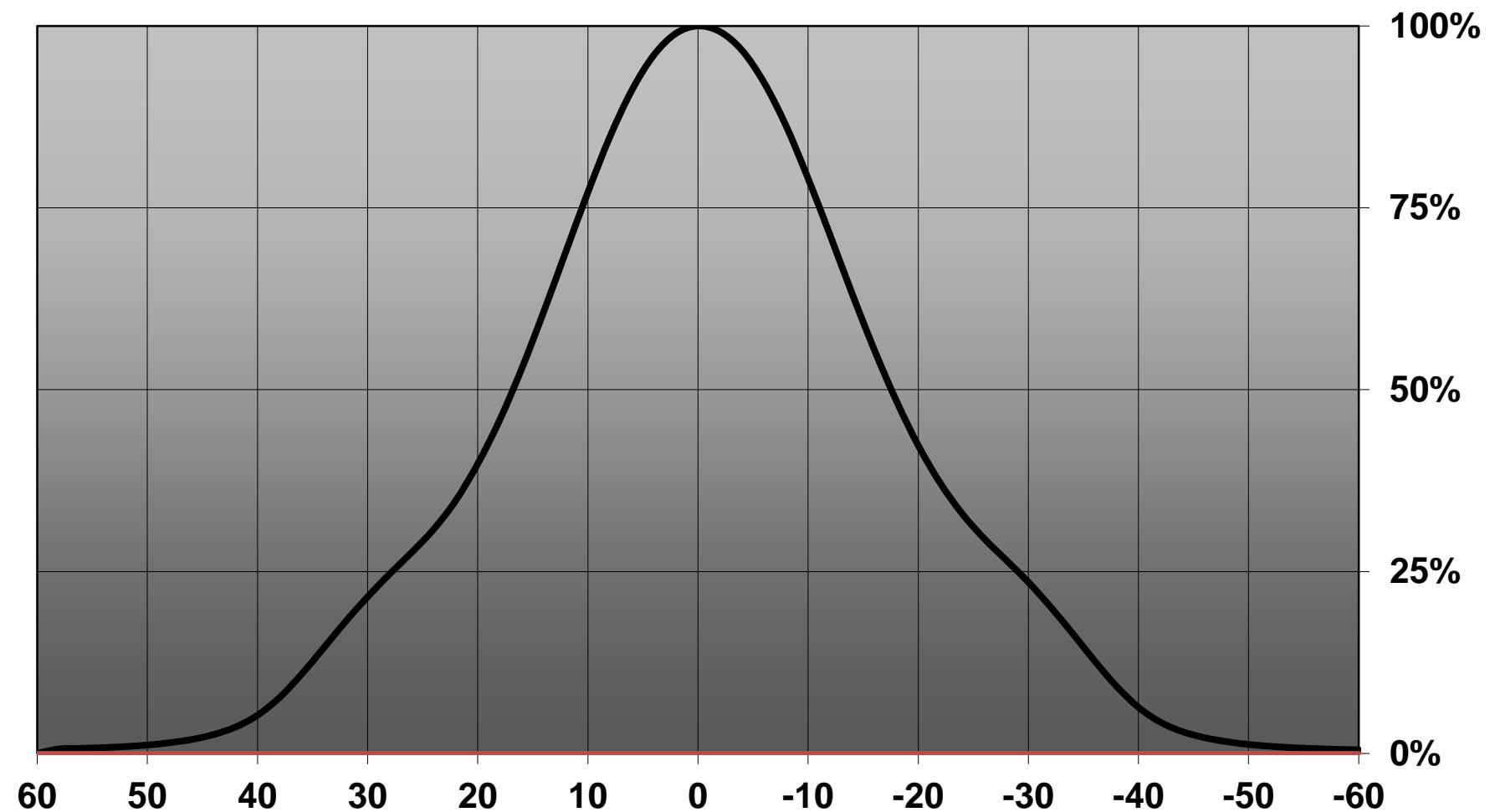
Relative intensity of CN13347_LENINA-S-DL-CXA25



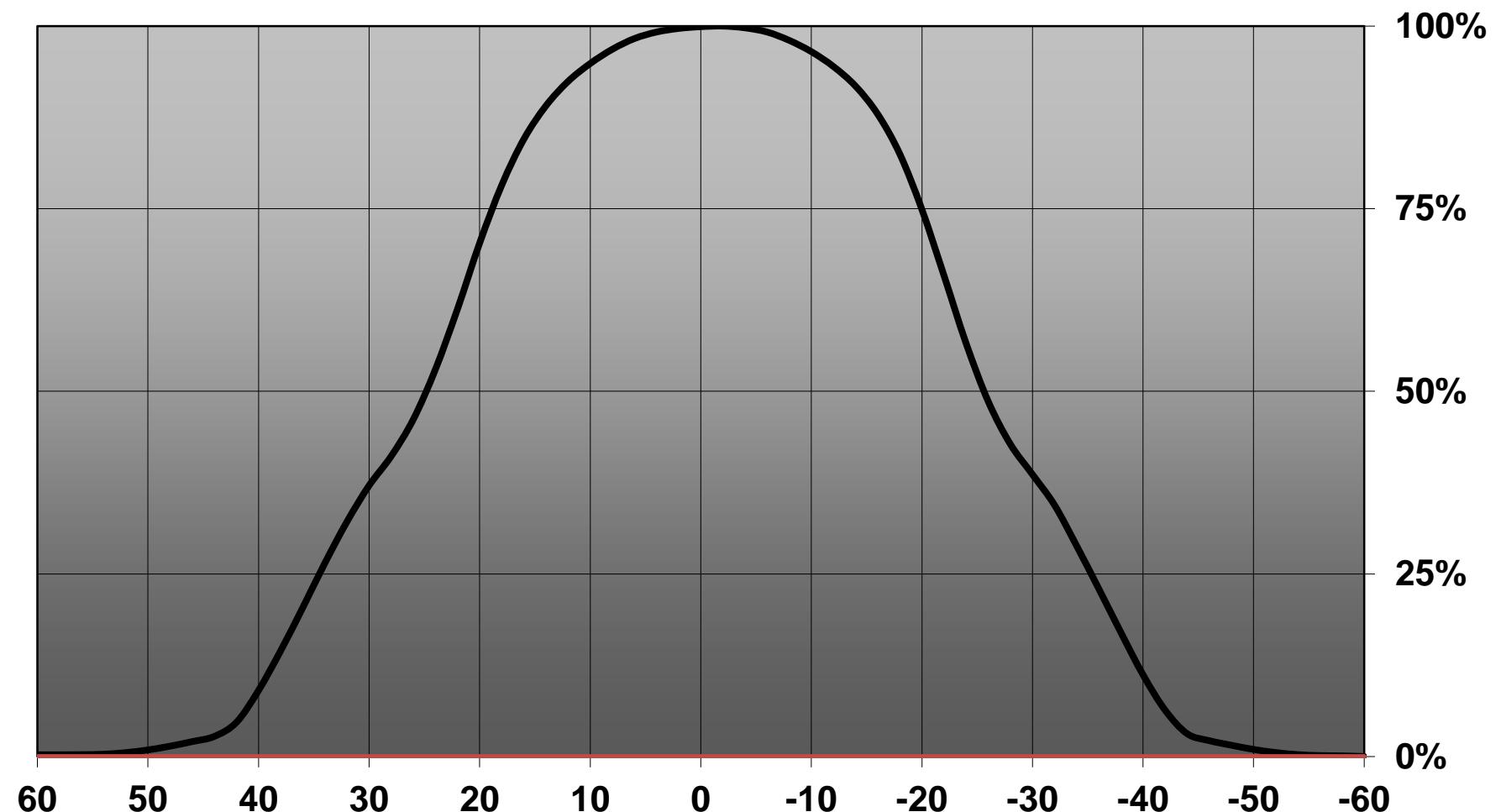
Relative intensity of CN13345_LENINA-M-CXA25



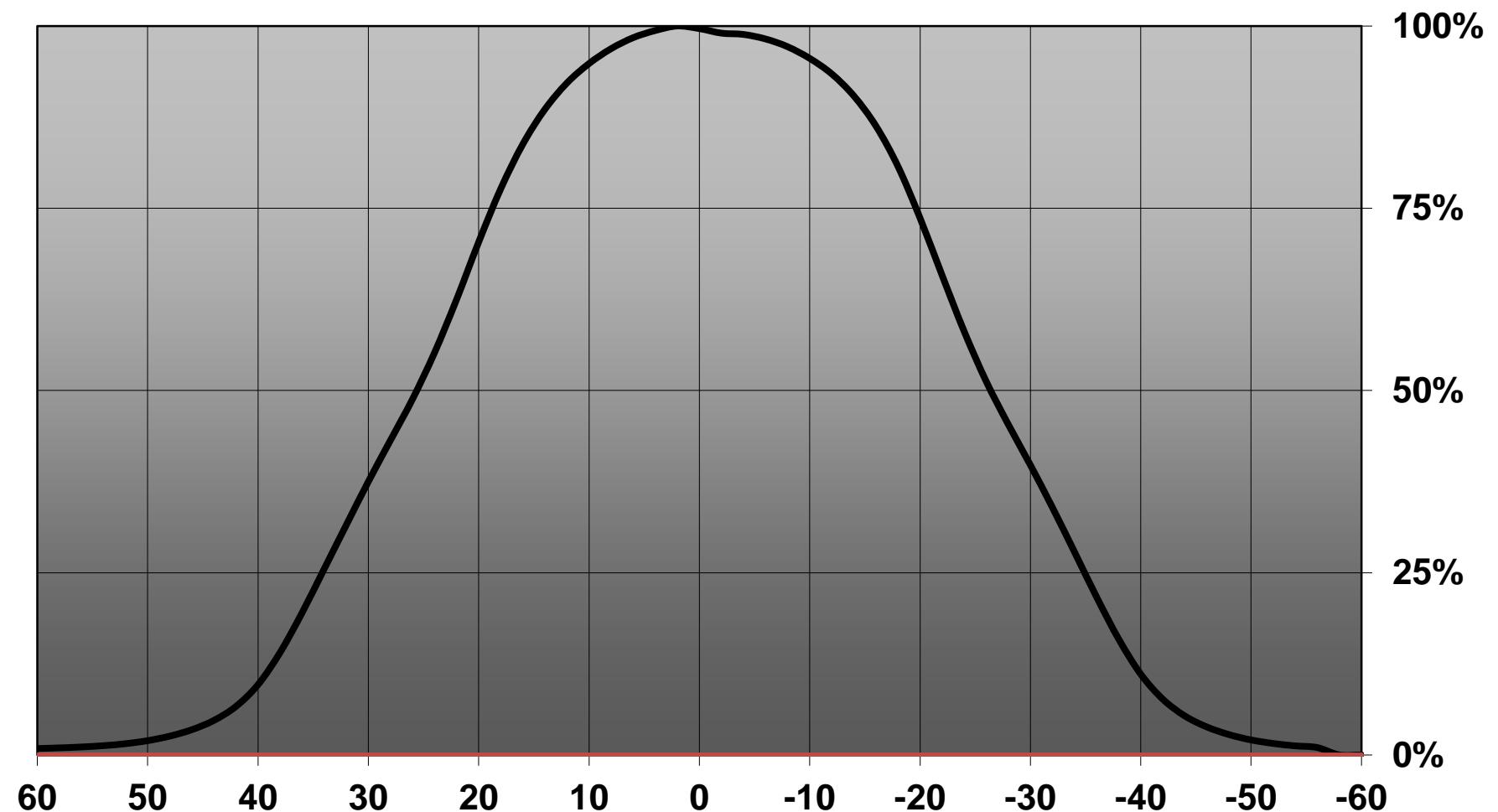
Relative intensity of CN13348_LENINA-M-DL-CXA25



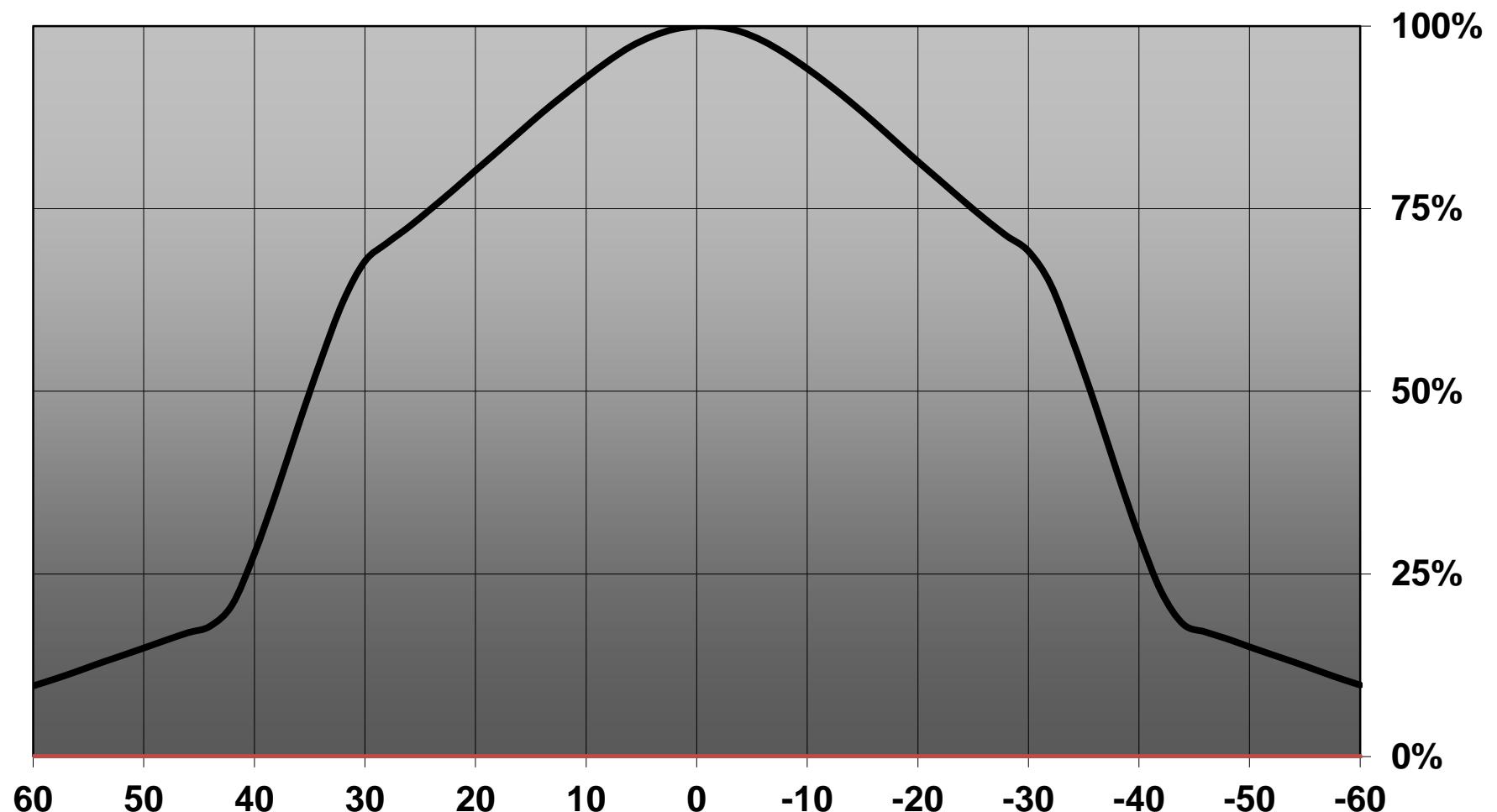
Relative intensity of CN13346_LENINA-W-CXA25



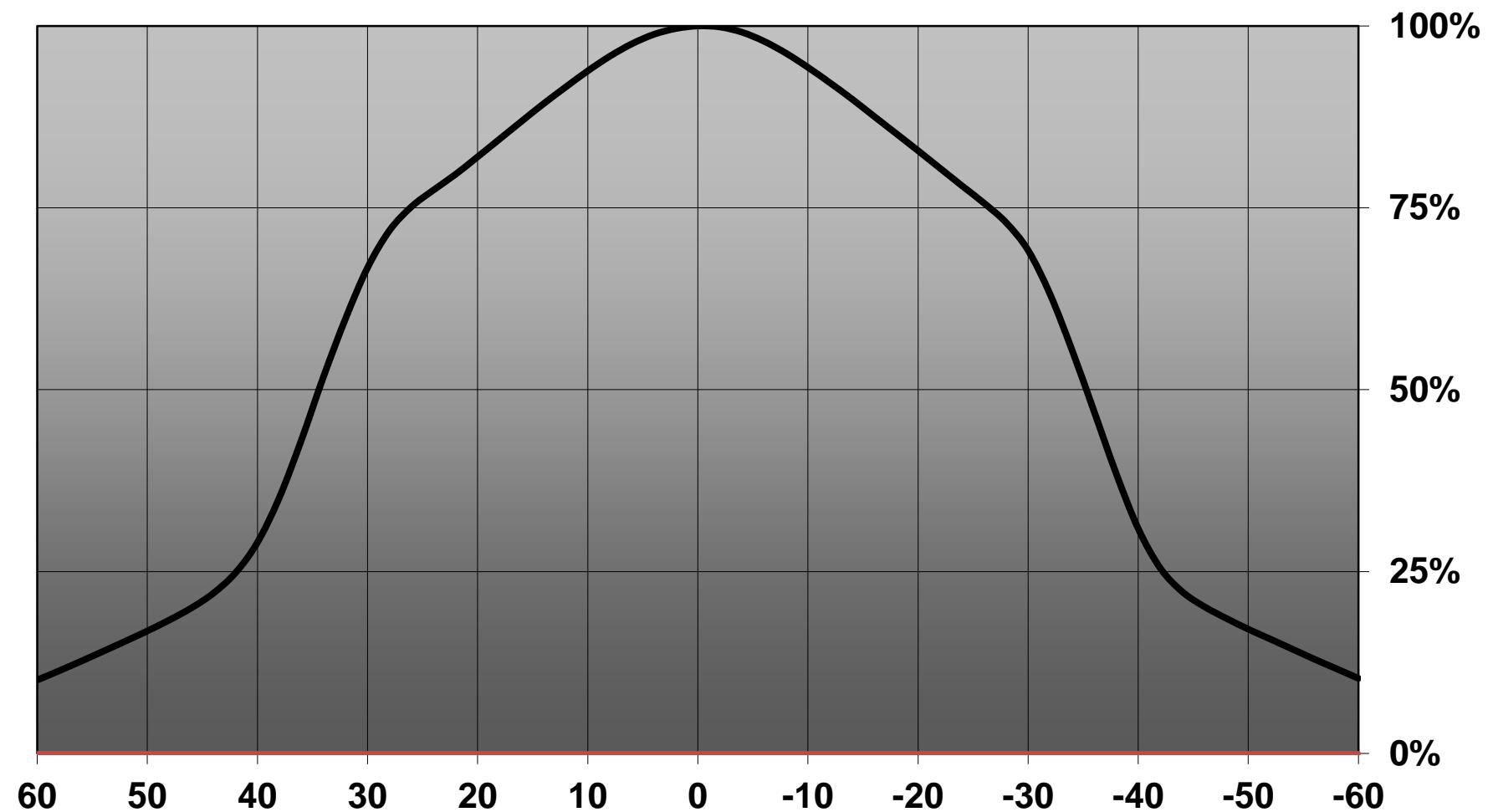
Relative intensity of CN13349_LENINA-W-DL-CXA25



Relative intensity of CN13351_LENINA-XW-CXA25



Relative intensity of CN13352_LENINA-XW-DL-CXA25

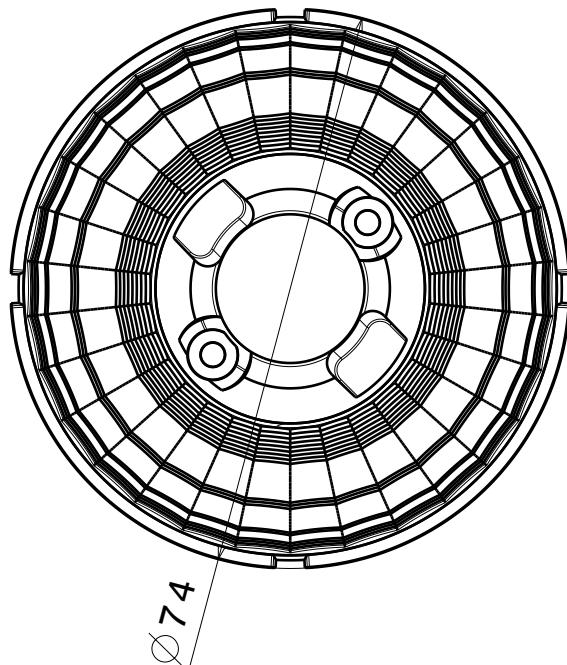
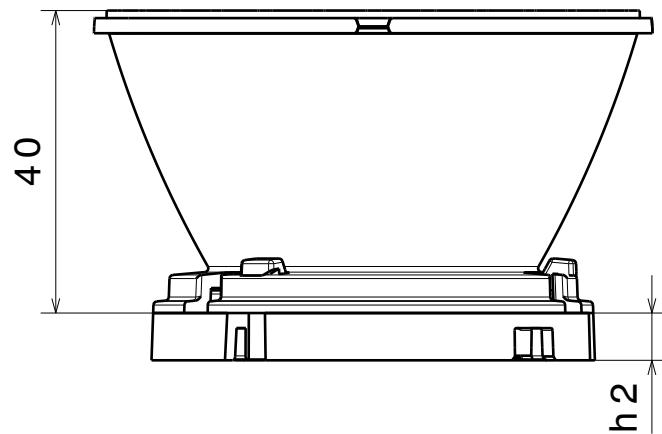
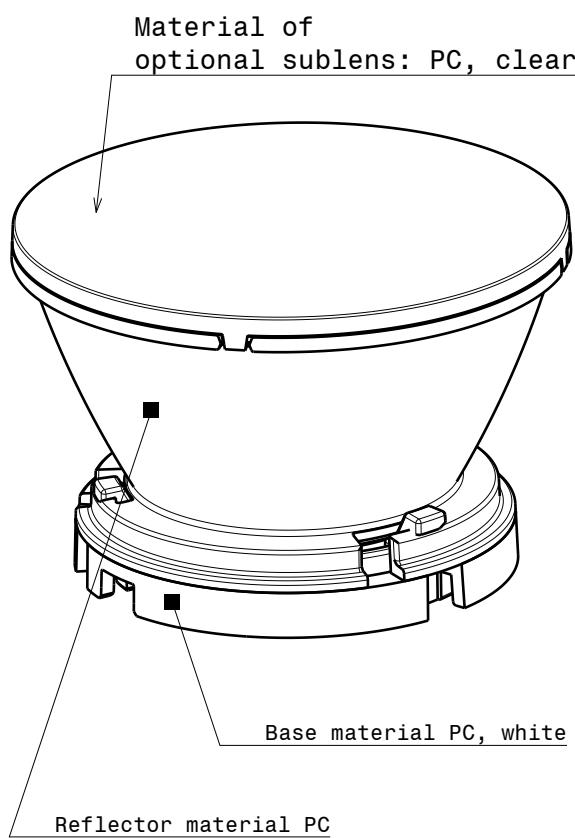


D

C

B

A



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

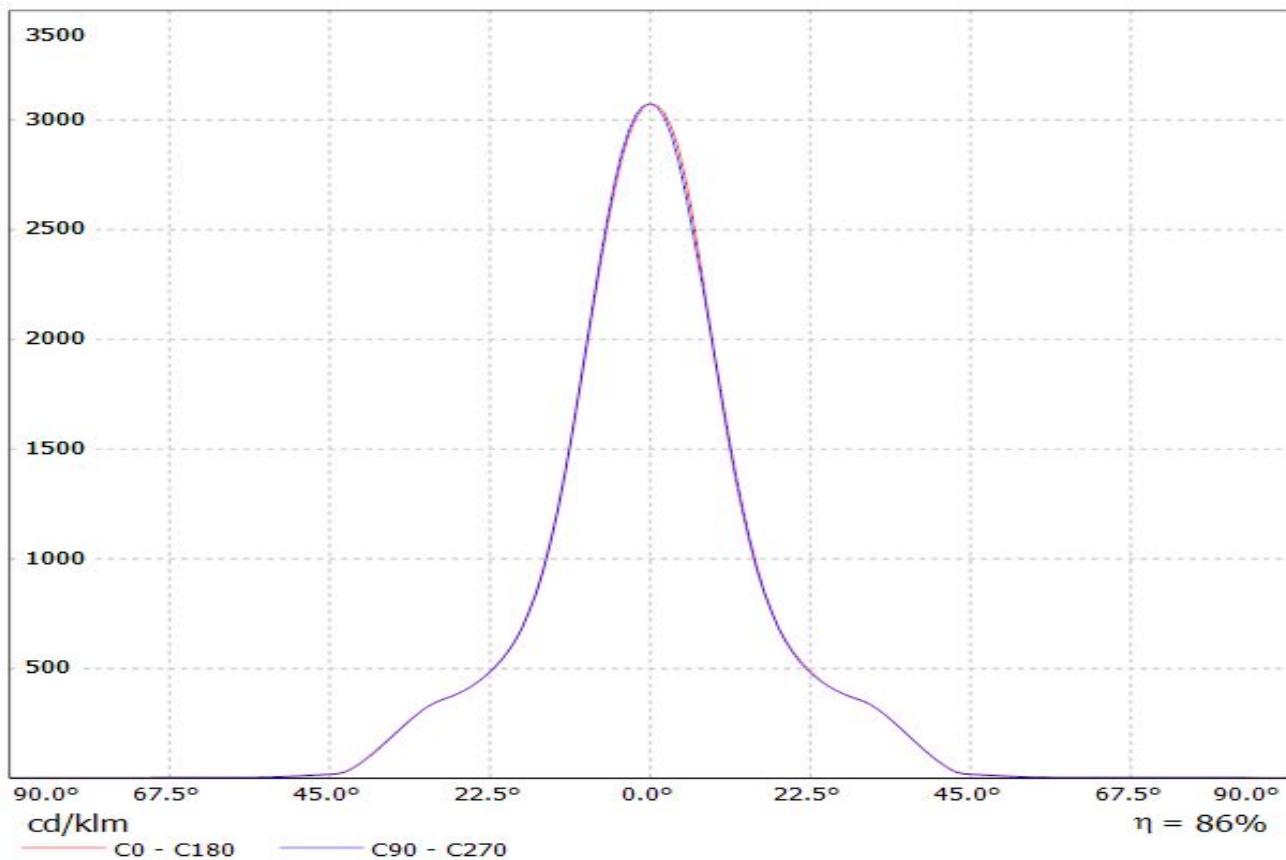
Datasheet Lenina series

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

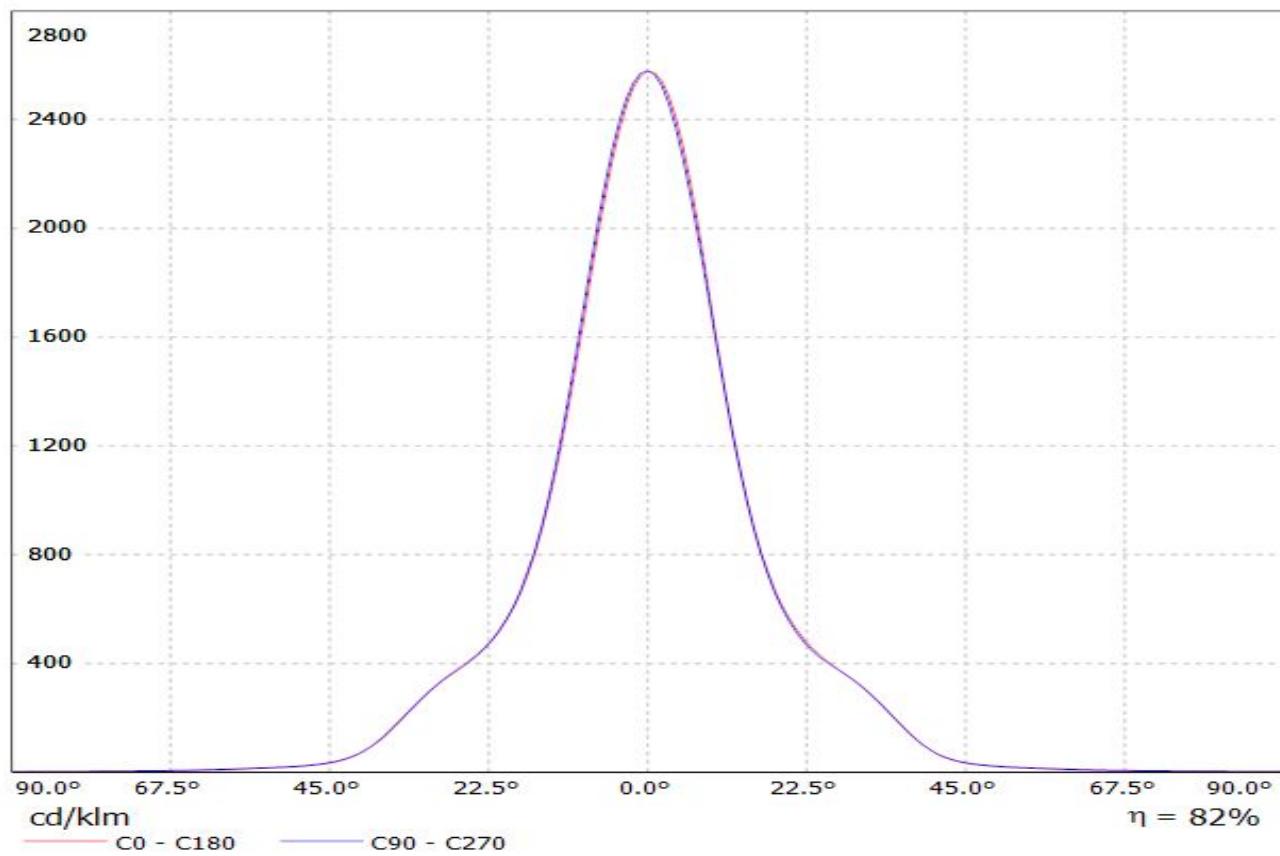
D

A

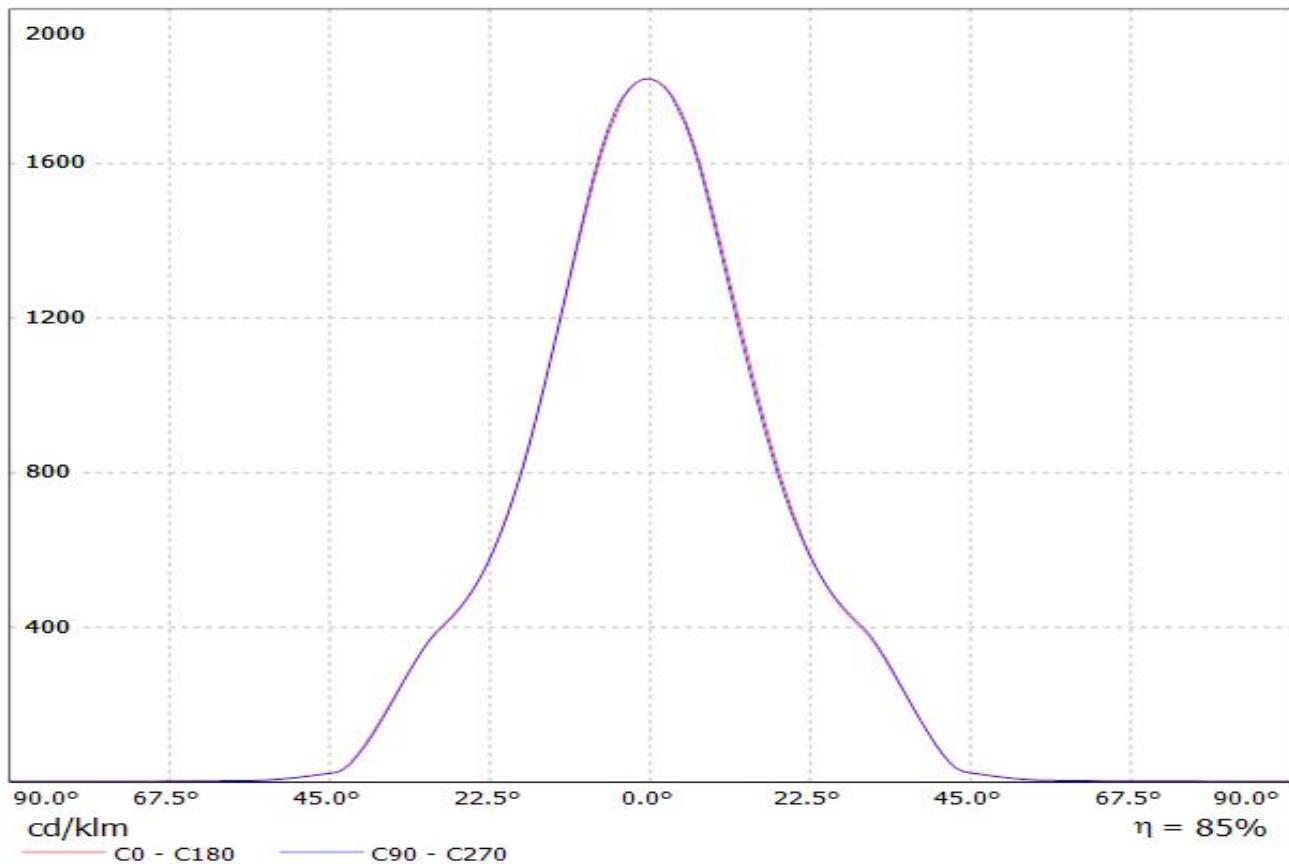
Luminaire: LEDiL Oy CN13344_LENINA-S_(CXA25) Eff.86.4%
Lamps: 1 x CREE_CXA25_(2520-7A-N4-N0U) 888.265lm@250mA CCT=3000K P=8.58457W I=249.9mA



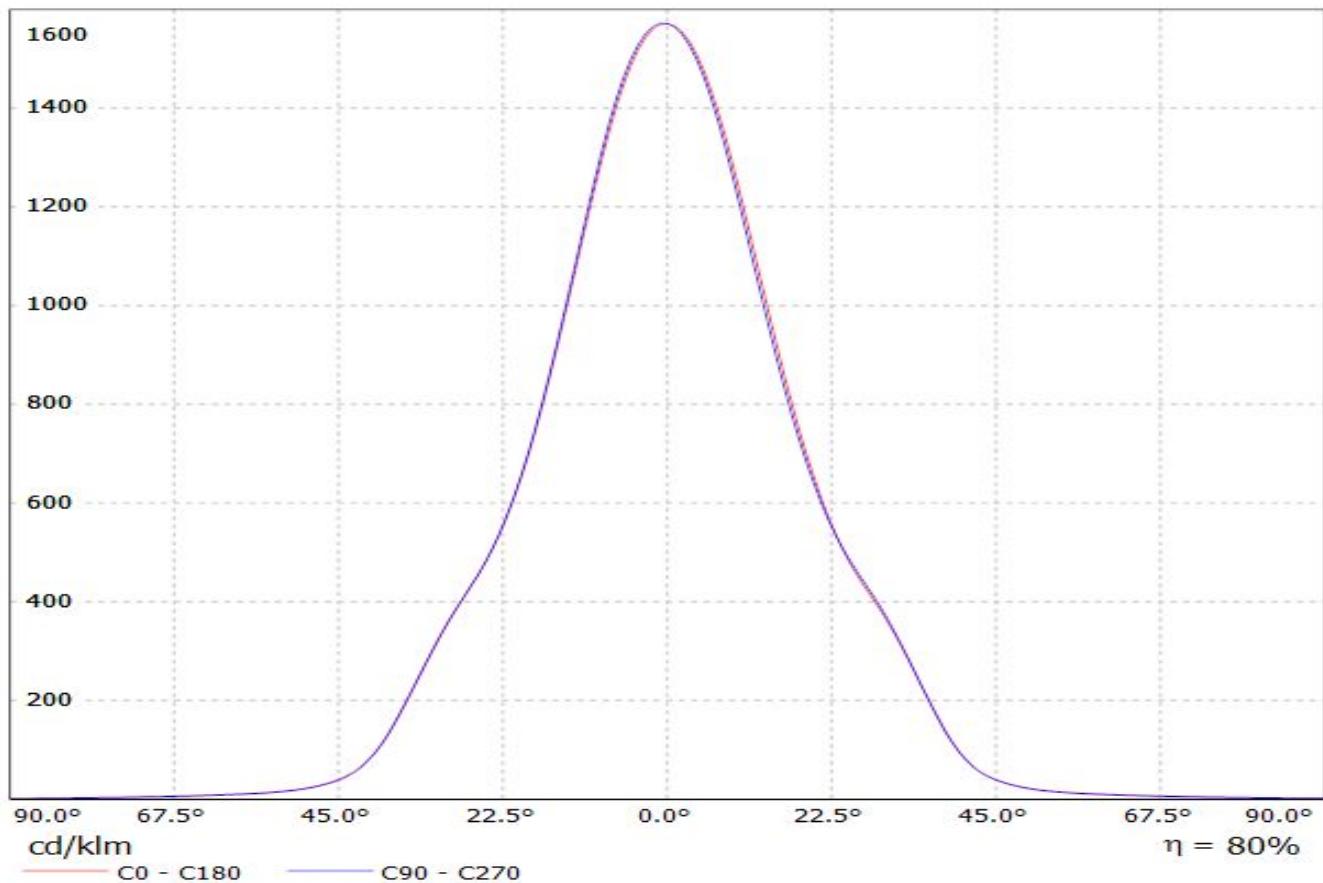
Luminaire: LEDiL Oy CN13347_LENINA-S-DL_(CXA25) Eff.81.6%
Lamps: 1 x CREE_CXA25_(2520-7A-N4-N0U) 888.265lm@250mA CCT=3000K P=8.58457W I=249.9mA



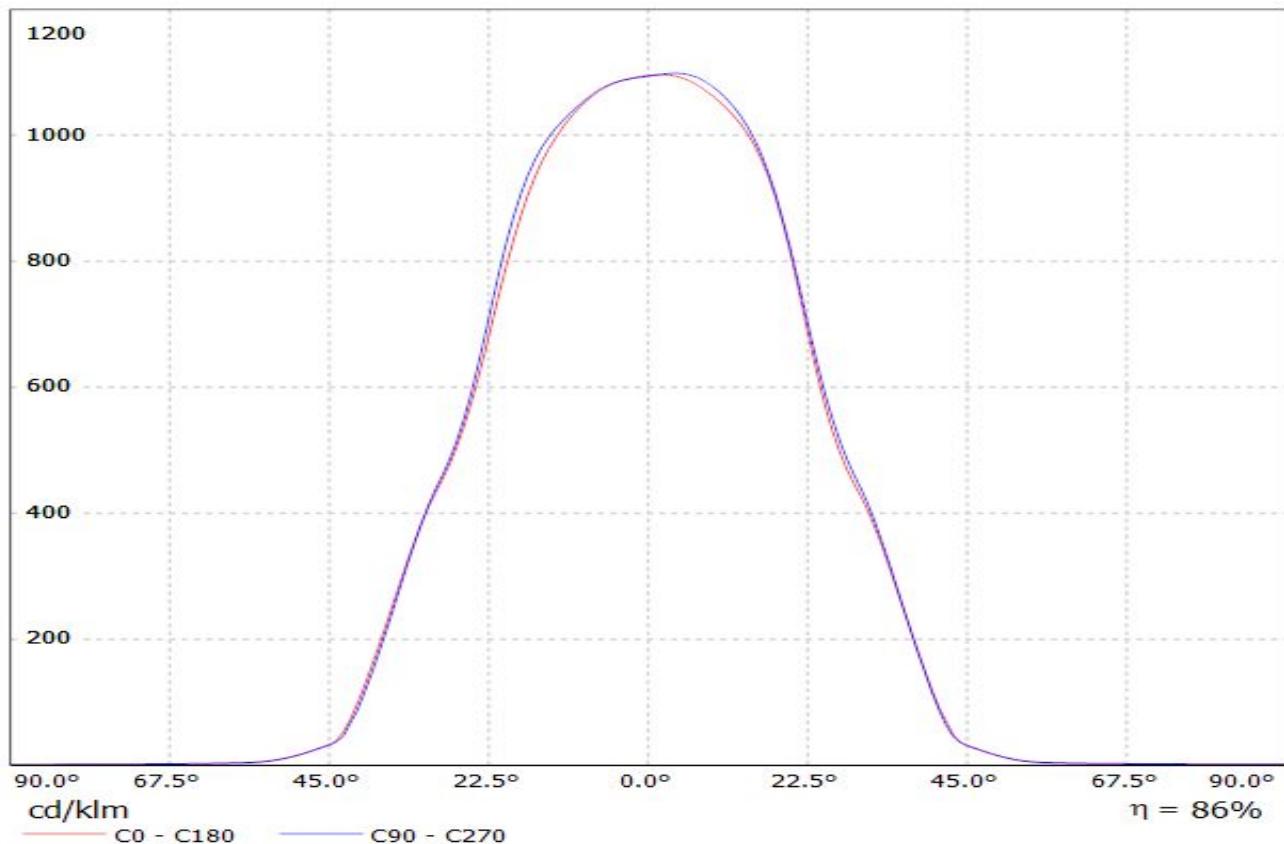
Luminaire: LEDiL Oy CN13345_LENINA-M_(CXA25) Eff.85.4%
Lamps: 1 x CREE_CXA25_(2520-7A-N4-N0U) 888.265lm@250mA CCT=3000K P=8.58457W I=249.9mA



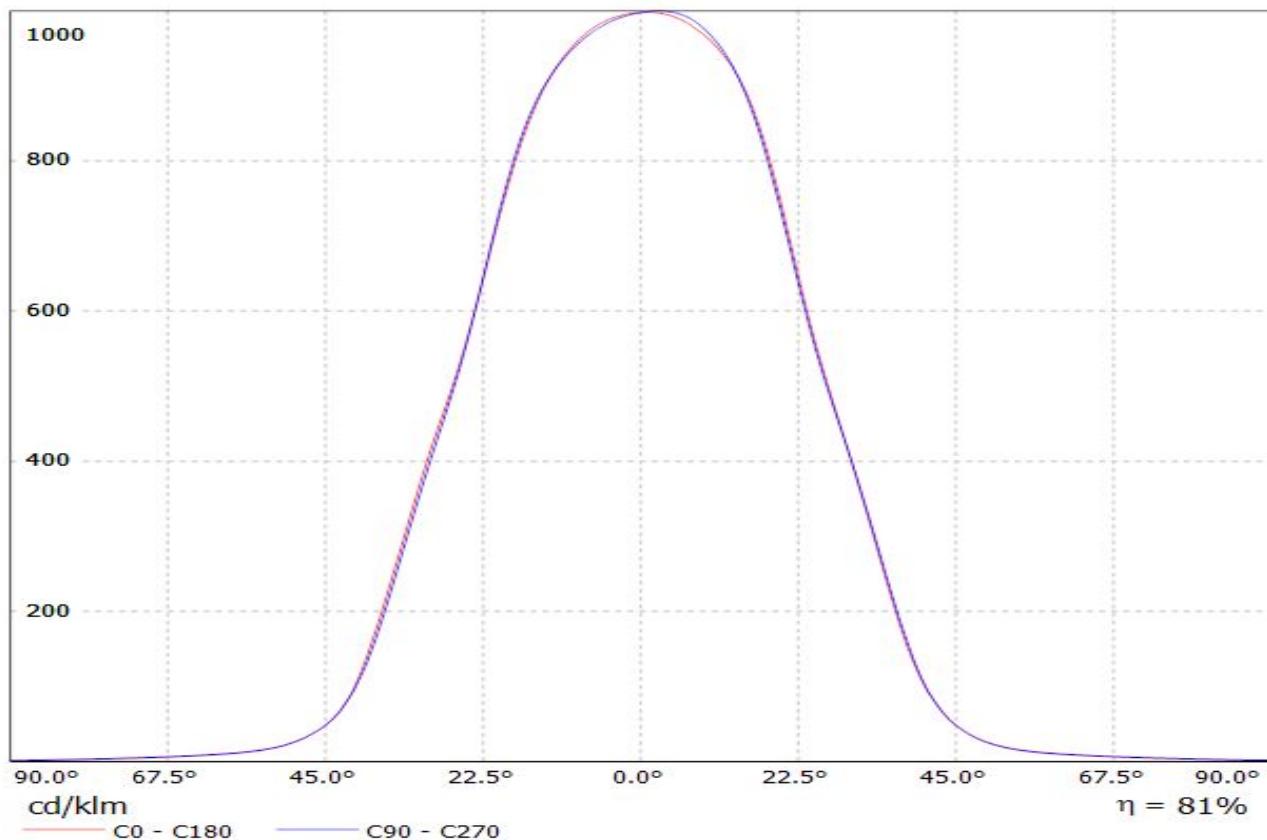
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Lamps: 1 x CREE_CXA25_(2520-7A-N4-N0U) 888.265lm@250mA CCT=3000K P=8.58457W I=249.9mA



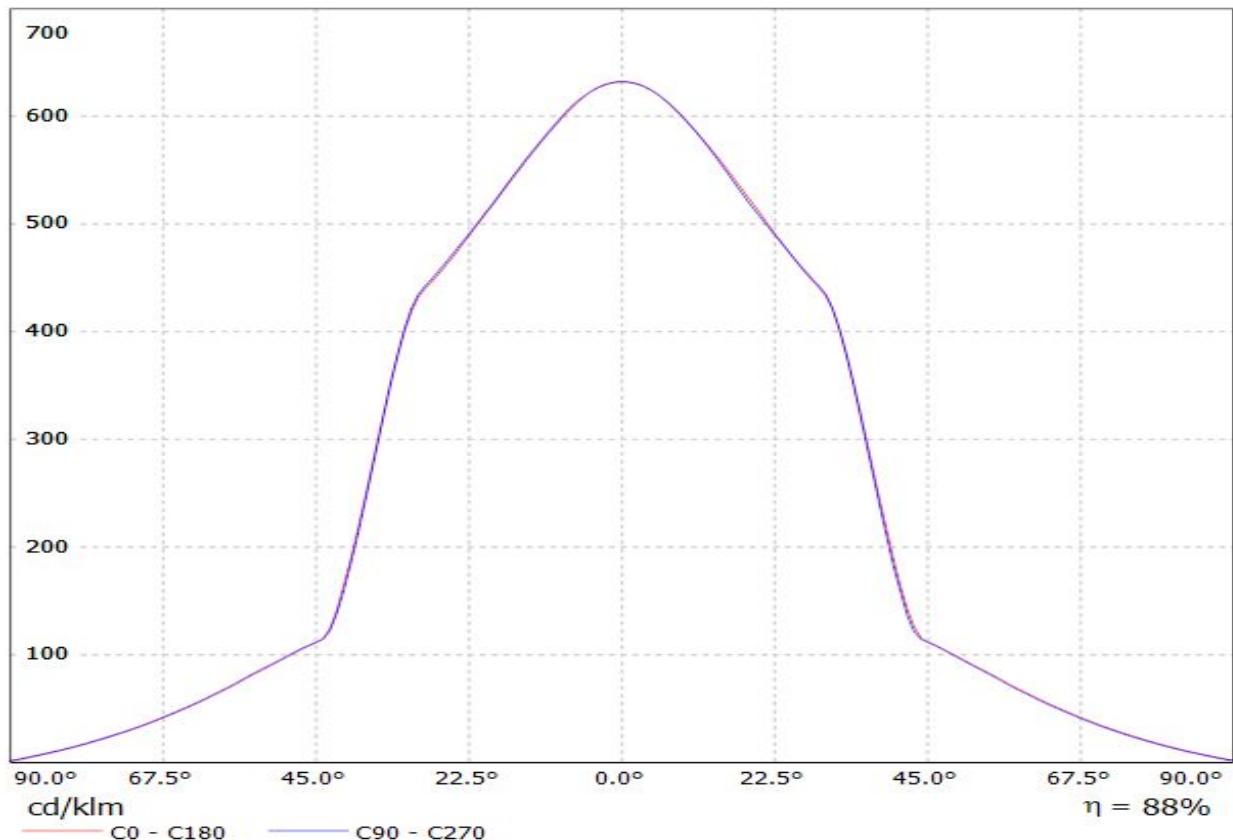
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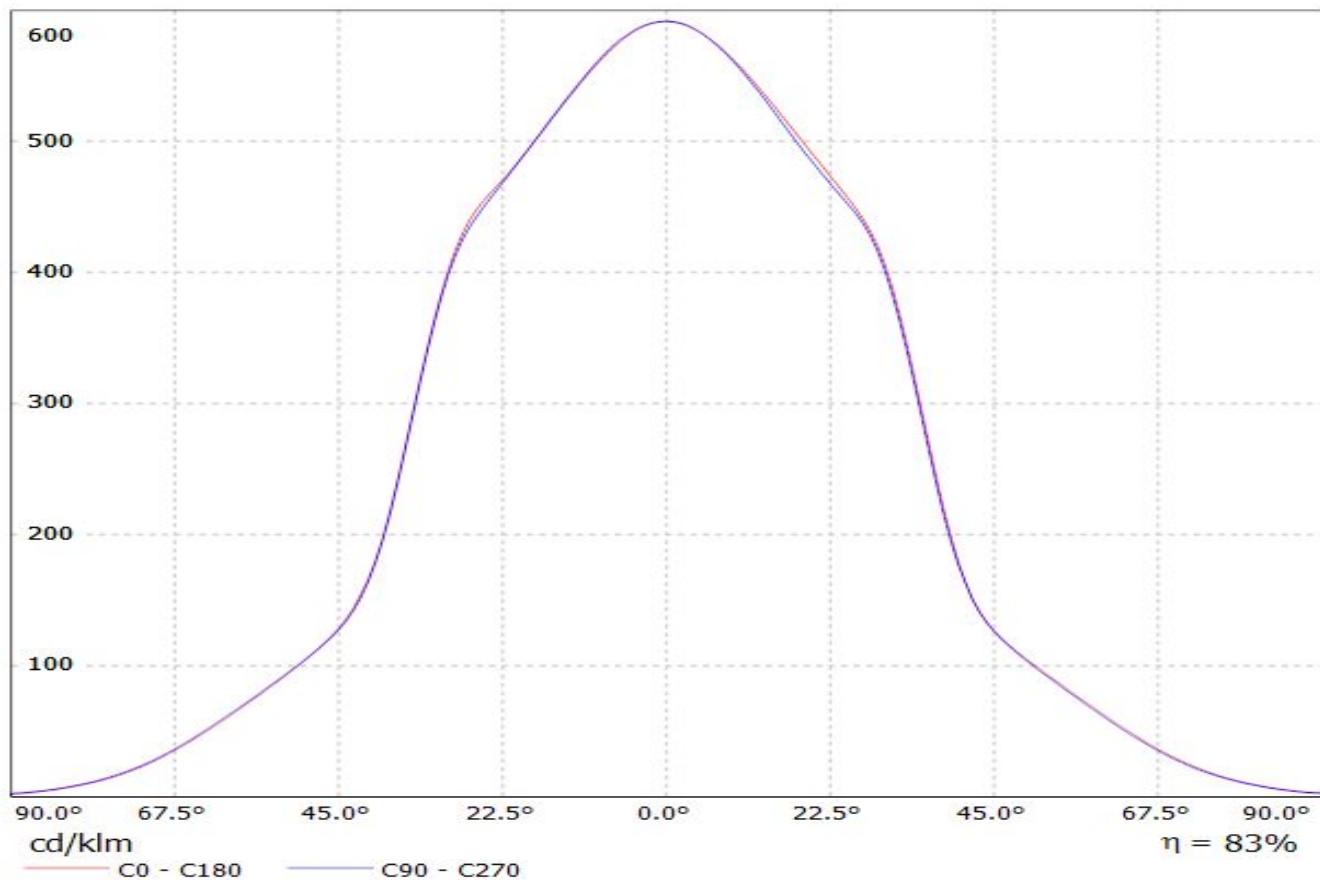
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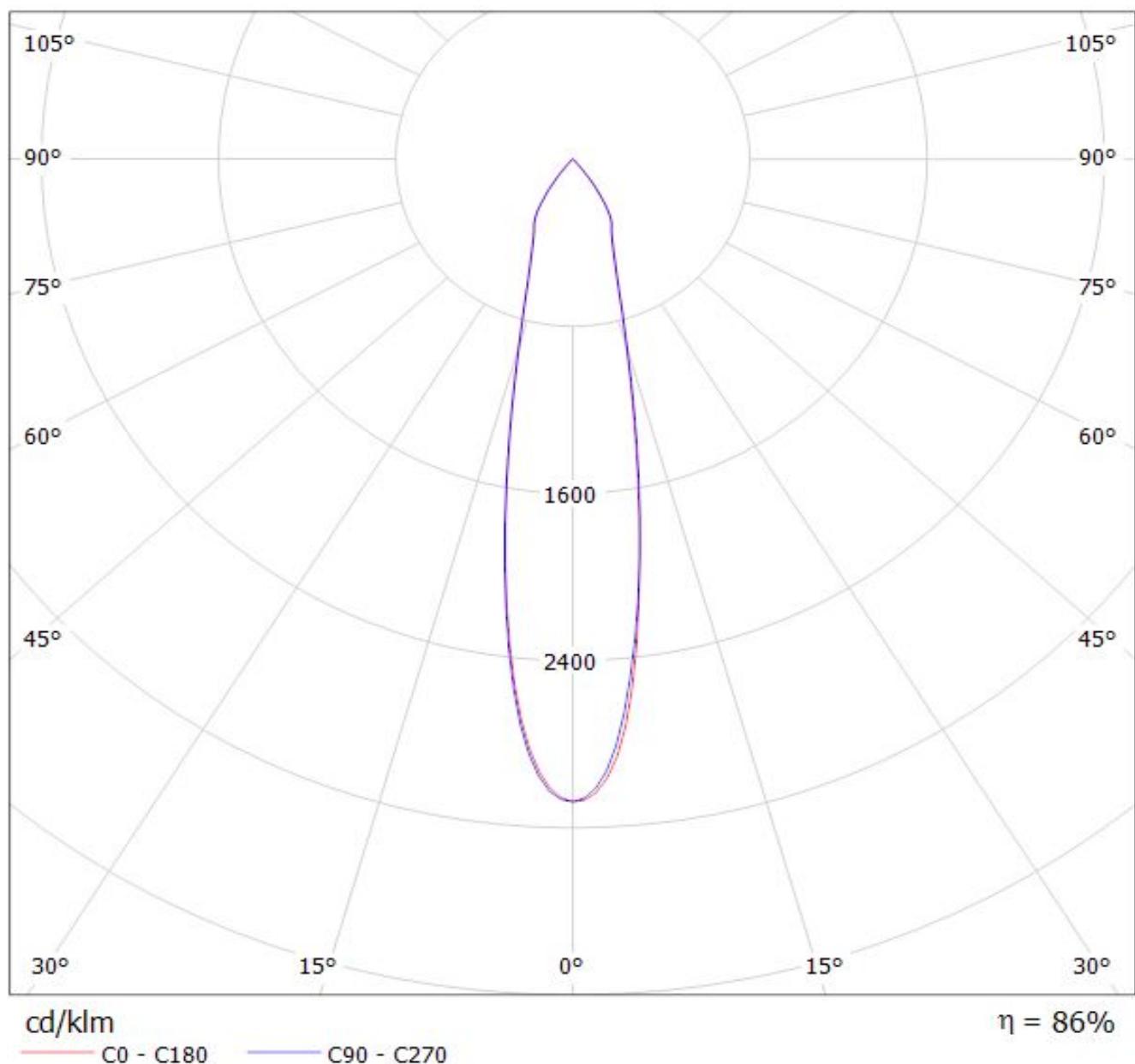
Luminaire: LEDiL Oy CN13351_LENINA-XW_(CXA25) Eff.87.5%
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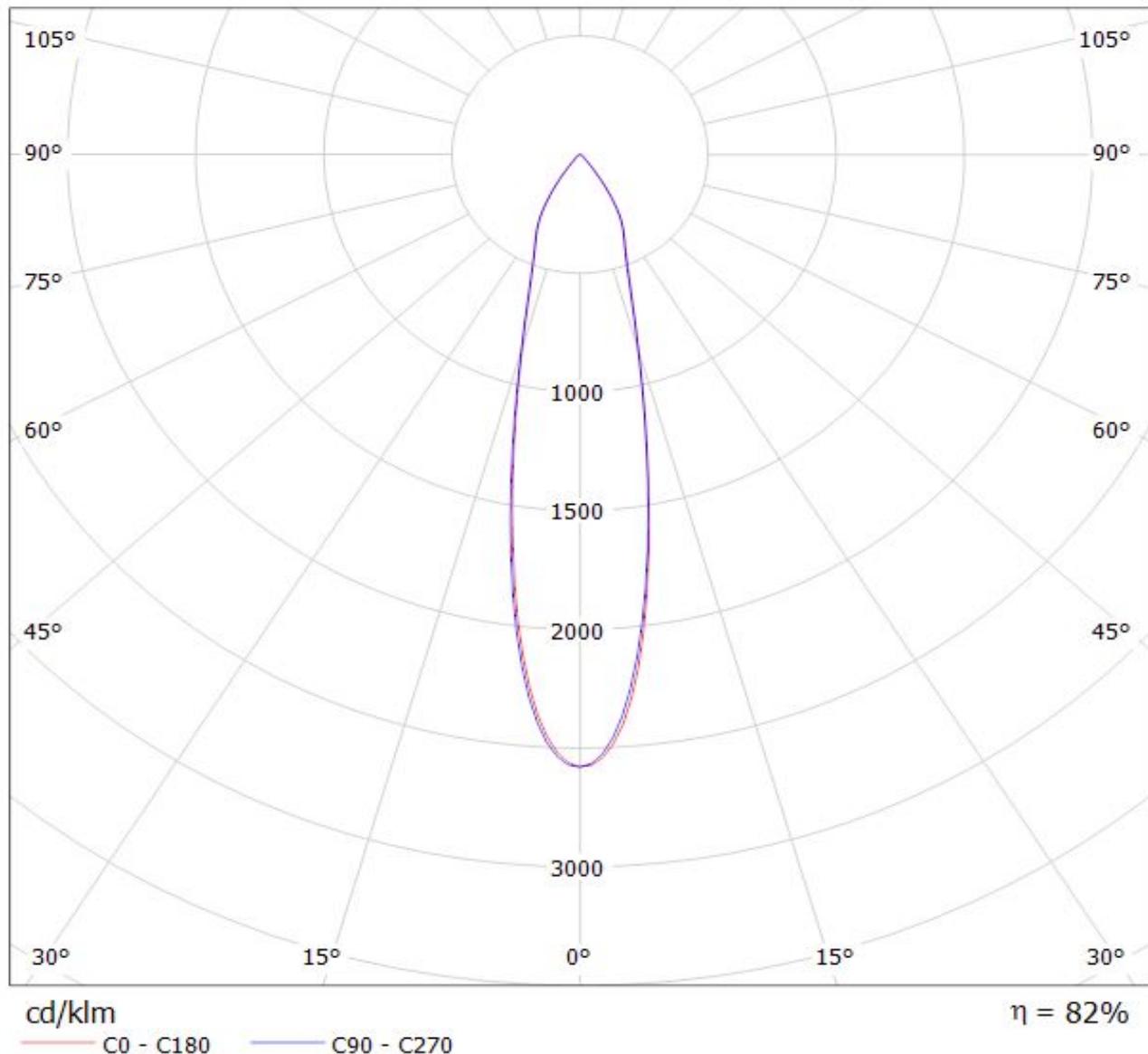
Luminaire: LEDiL Oy CN13352_LENINA-XW-DL_(CXA25) Eff.84%
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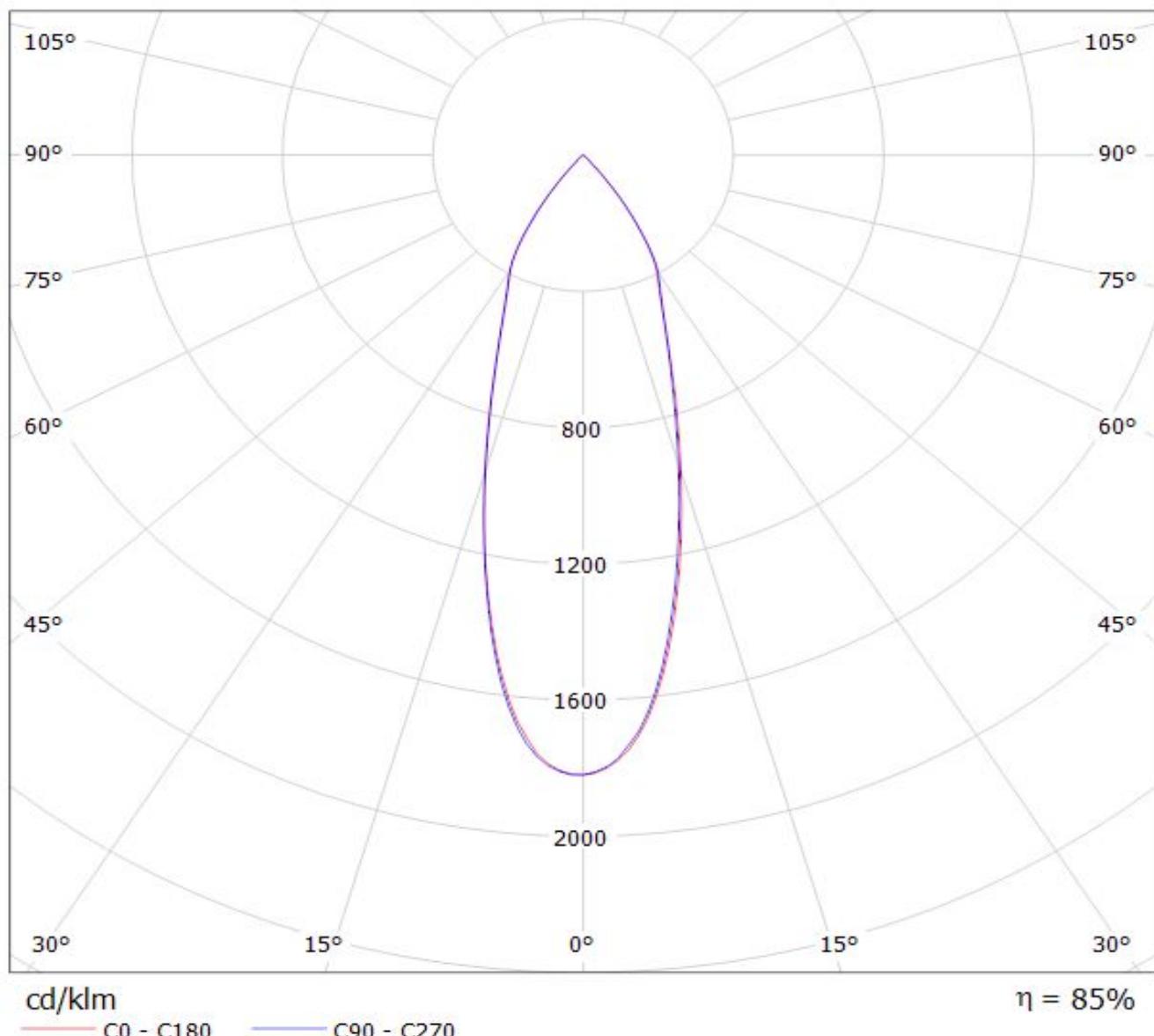
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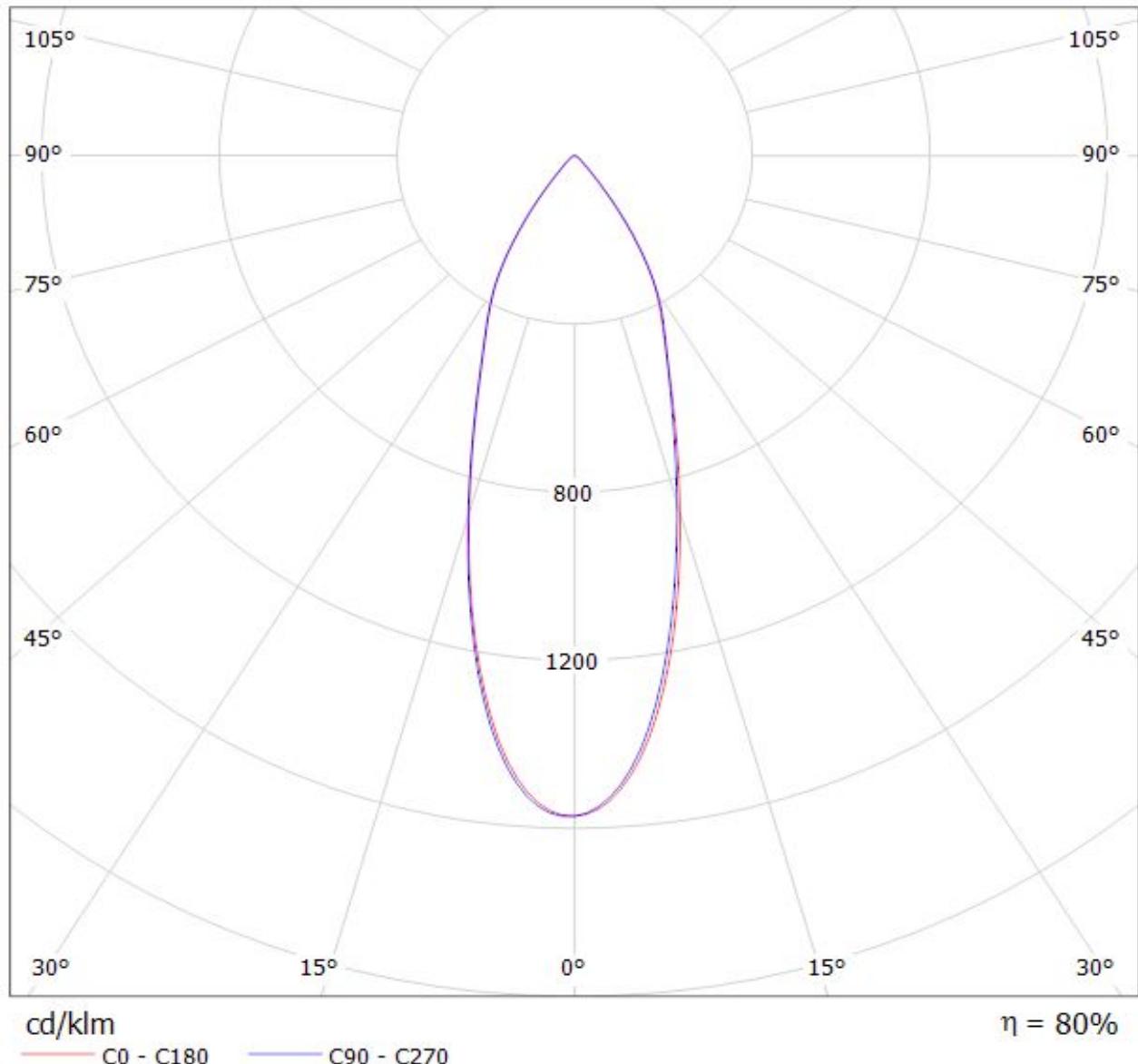
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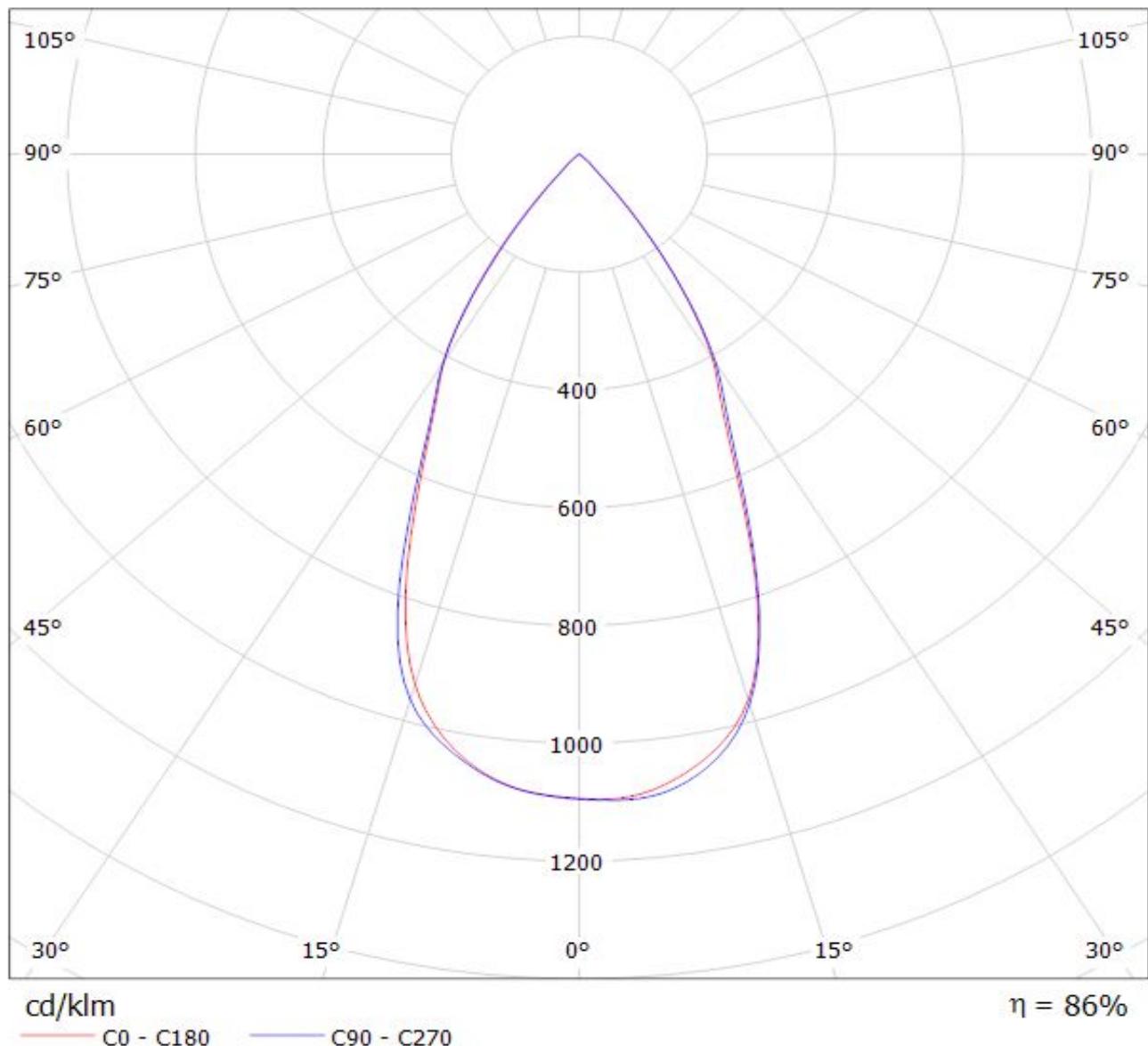
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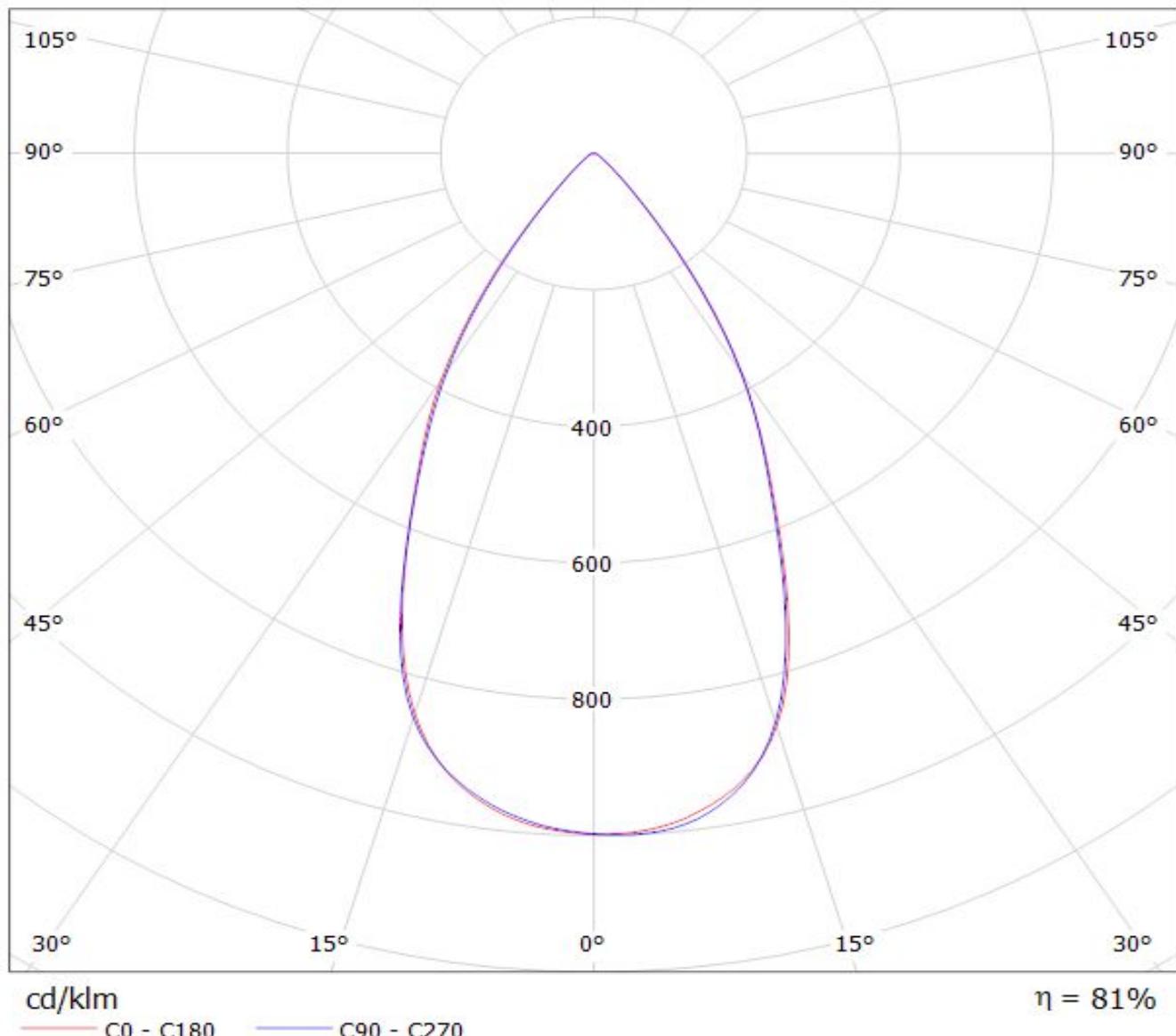


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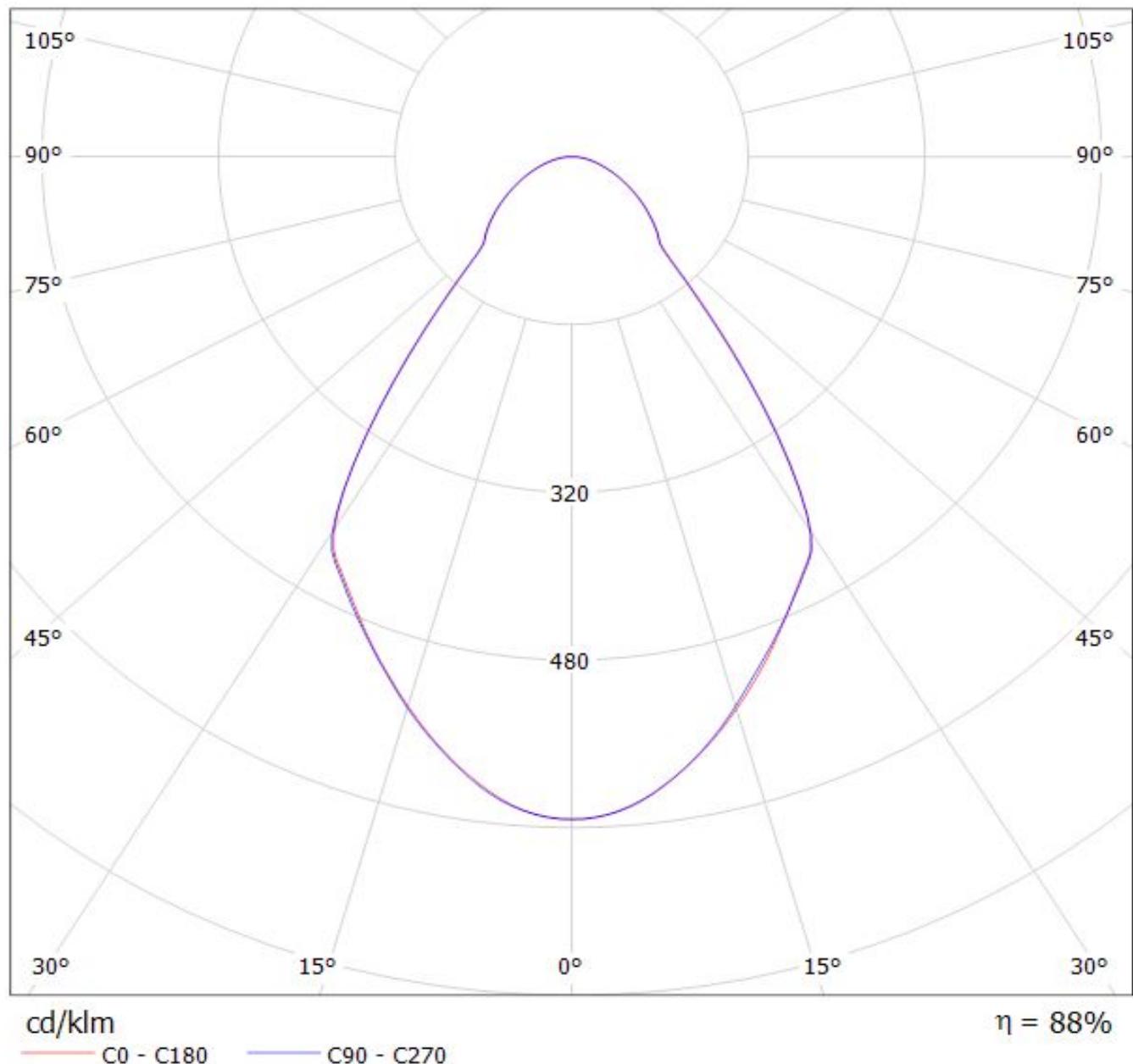


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