

**Ordering number** CN12918_LENINA-S

Family	Lenina	FWHM	16 degrees
Type	Pack	Efficiency	90 %
LED	NSBxL110	cd/Im	7.200
Color	Metal	Gerber File	Available
Diameter	74 mm		
Height	46.95 mm		
Style	Round		
Optic Material	PC		
Holder Material	PC		
Fastening	-		
Status	On production		

**Ordering number** CN12921_LENINA-S-DL

Family	Lenina	FWHM	19 degrees
Type	Pack	Efficiency	82 %
LED	NSBxL110	cd/Im	4.000
Color	Metal	Gerber File	Available
Diameter	74 mm		
Height	46.95 mm		
Style	Round		
Optic Material	PC		
Holder Material	PC		
Fastening	-		
Status	On production		

**Ordering number** CN12919_LENINA-M

Family	Lenina	FWHM	28 degrees
Type	Pack	Efficiency	88 %
LED	NSBxL110	cd/Im	2.500
Color	Metal	Gerber File	Available
Diameter	74 mm		
Height	46.95 mm		
Style	Round		
Optic Material	PC		
Holder Material	PC		
Fastening	-		
Status	On production		

**Ordering number** CN12922_LENINA-M-DL

Family	Lenina	FWHM	32 degrees
Type	Pack	Efficiency	81 %
LED	NSBxL110	cd/Im	1.800
Color	Metal	Gerber File	Available
Diameter	74 mm		
Height	46.95 mm		
Style	Round		
Optic Material	PC		
Holder Material	PC		
Fastening	-		
Status	On production		

**Ordering number** CN12920_LENINA-W

Family	Lenina	FWHM	50 degrees
Type	Pack	Efficiency	88 %
LED	NSBxL110	cd/Im	1.200
Color	Metal	Gerber File	Available
Diameter	74 mm		
Height	46.95 mm		
Style	Round		
Optic Material	PC		
Holder Material	PC		
Fastening	-		
Status	On production		

**Ordering number** CN12923_LENINA-W-DL

Family	Lenina	FWHM	55 degrees
Type	Pack	Efficiency	81 %
LED	NSBxL110	cd/Im	1.000
Color	Metal	Gerber File	Available
Diameter	74 mm		
Height	46.95 mm		
Style	Round		
Optic Material	PC		
Holder Material	PC		
Fastening	-		
Status	On production		

**Ordering number** CN12968_LENINA-XW

Family	Lenina	FWHM	73 degrees
Type	Pack	Efficiency	83 %
LED	NSBxL110	cd/Im	0.615
Color	White	Gerber File	Available
Diameter	74 mm		
Height	46.95 mm		
Style	Round		
Optic Material	PC		
Holder Material	PC		
Fastening	Socket, socket		
Status	On production		

Reflector twist-and-locks into included base part that holds COB

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

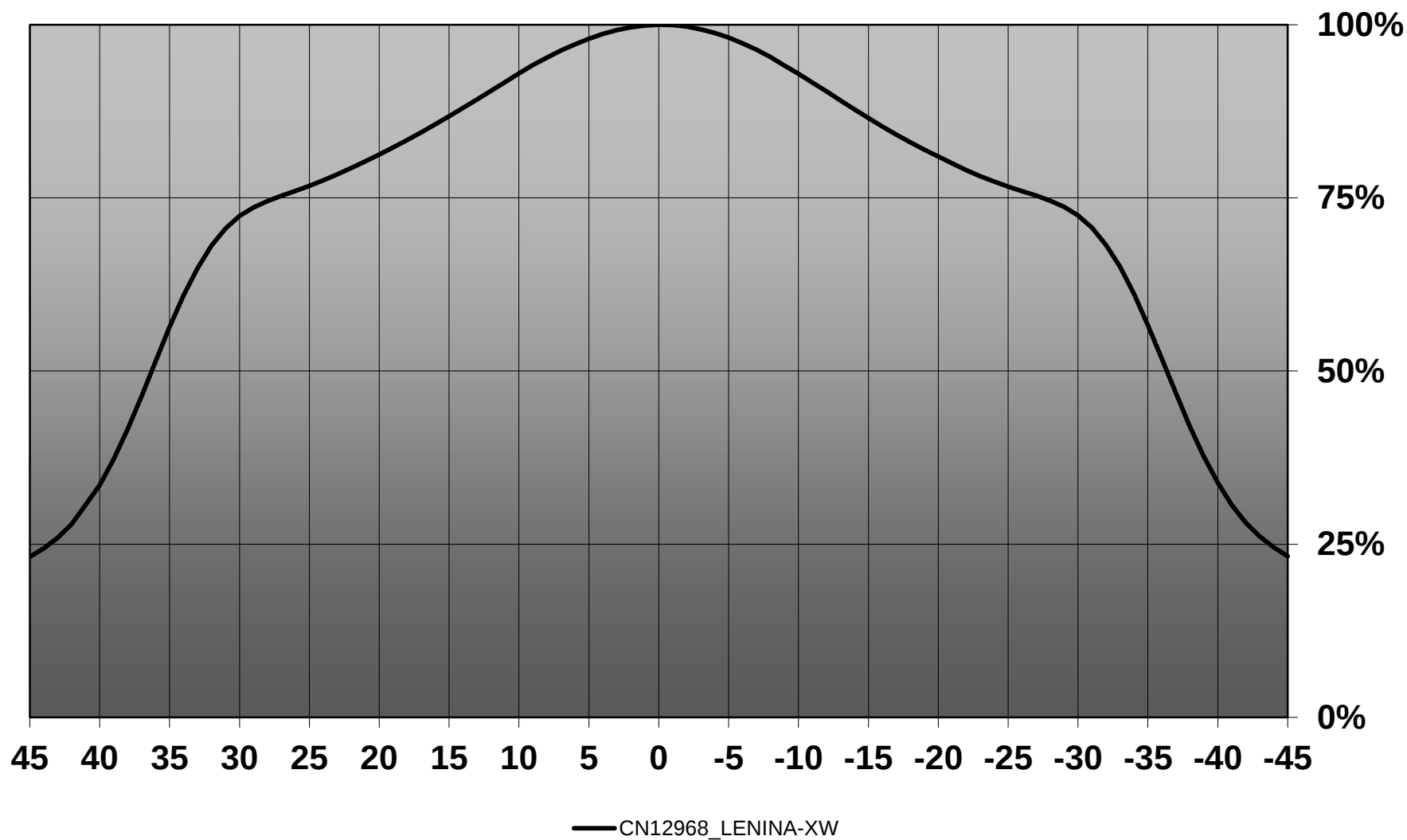
last update 27/9/2012



GENERAL INFORMATION

- Product series especially designed & optimized for NSBxL110 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).

Absolute intensity of CN12968_LENINA-XW



4

3

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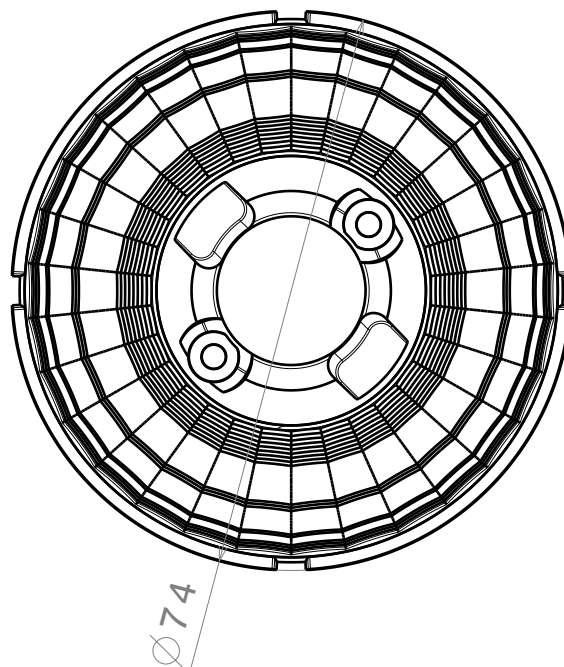
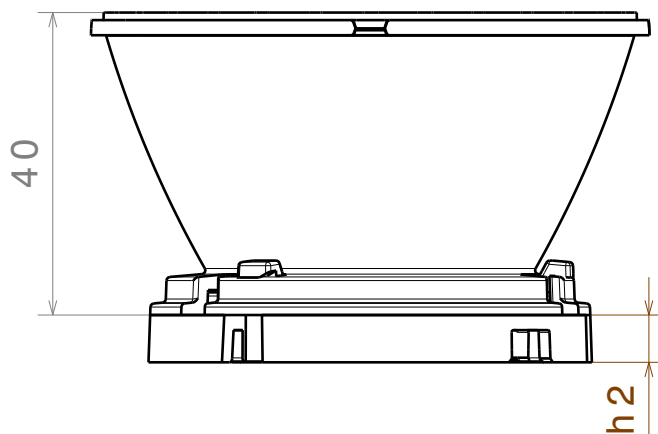
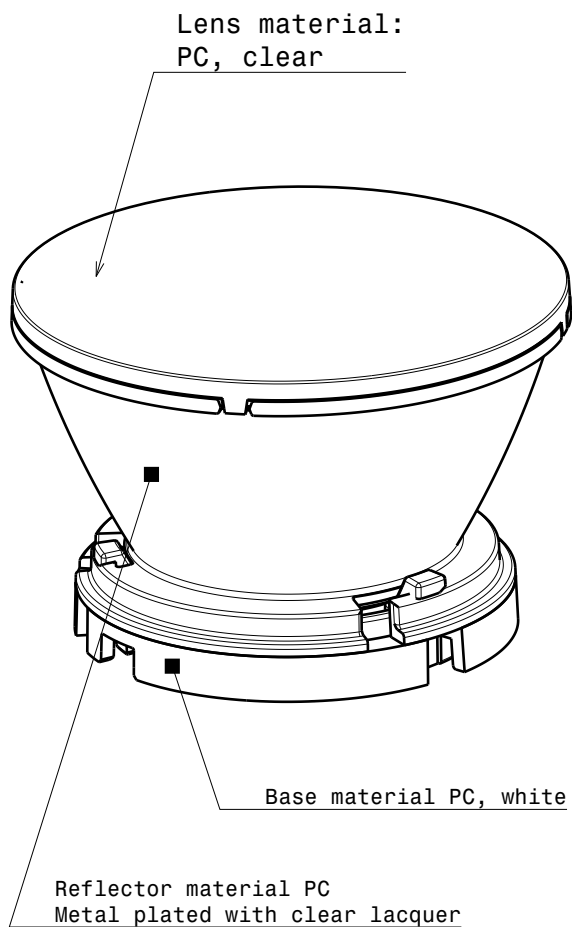
A

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

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REV
1

DESIGNED BY
pl

DATE
08.03.2012

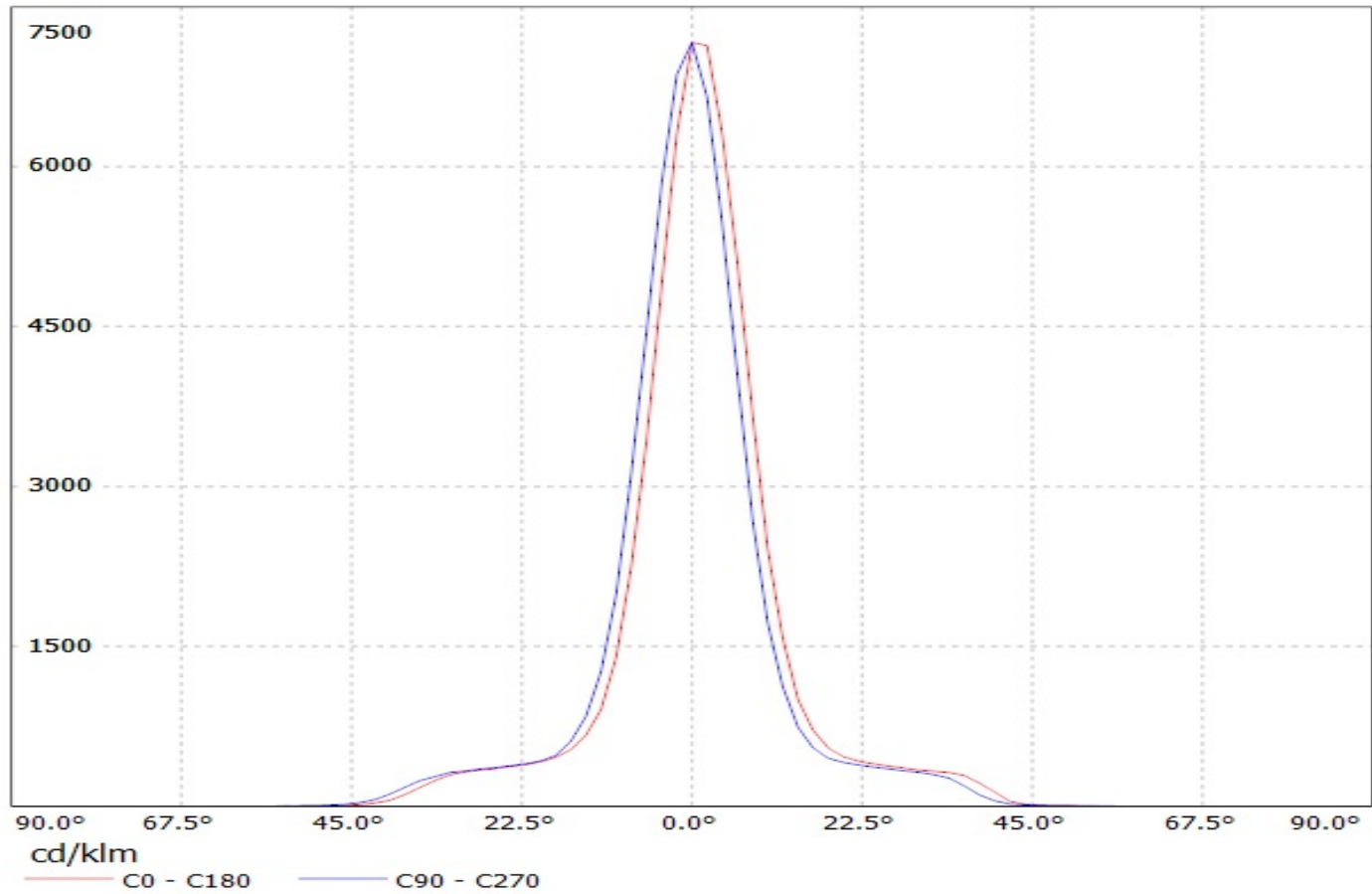
SCALE 1:1 WEIGHT (g)

SHEET 1/1

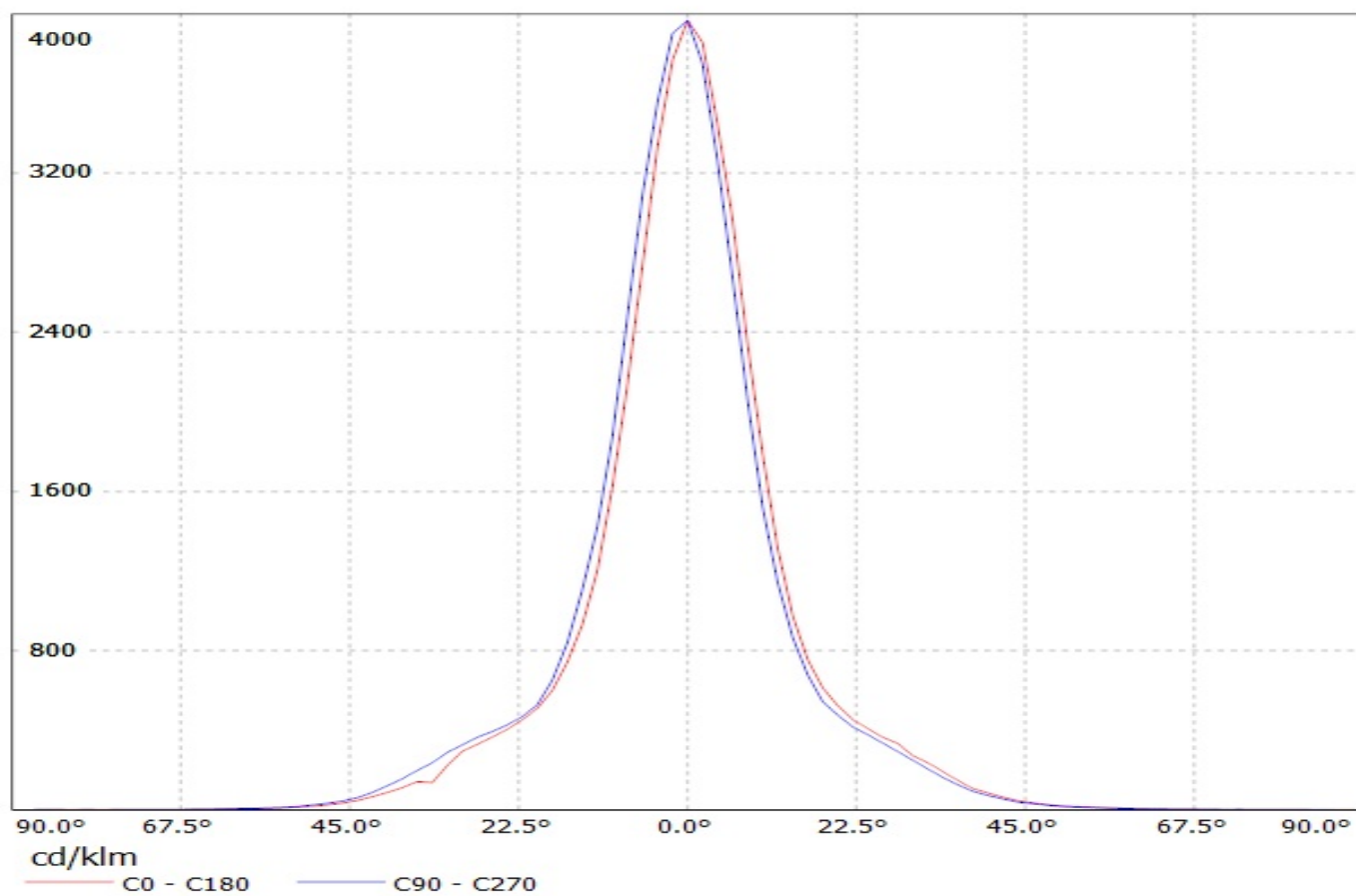
D

A

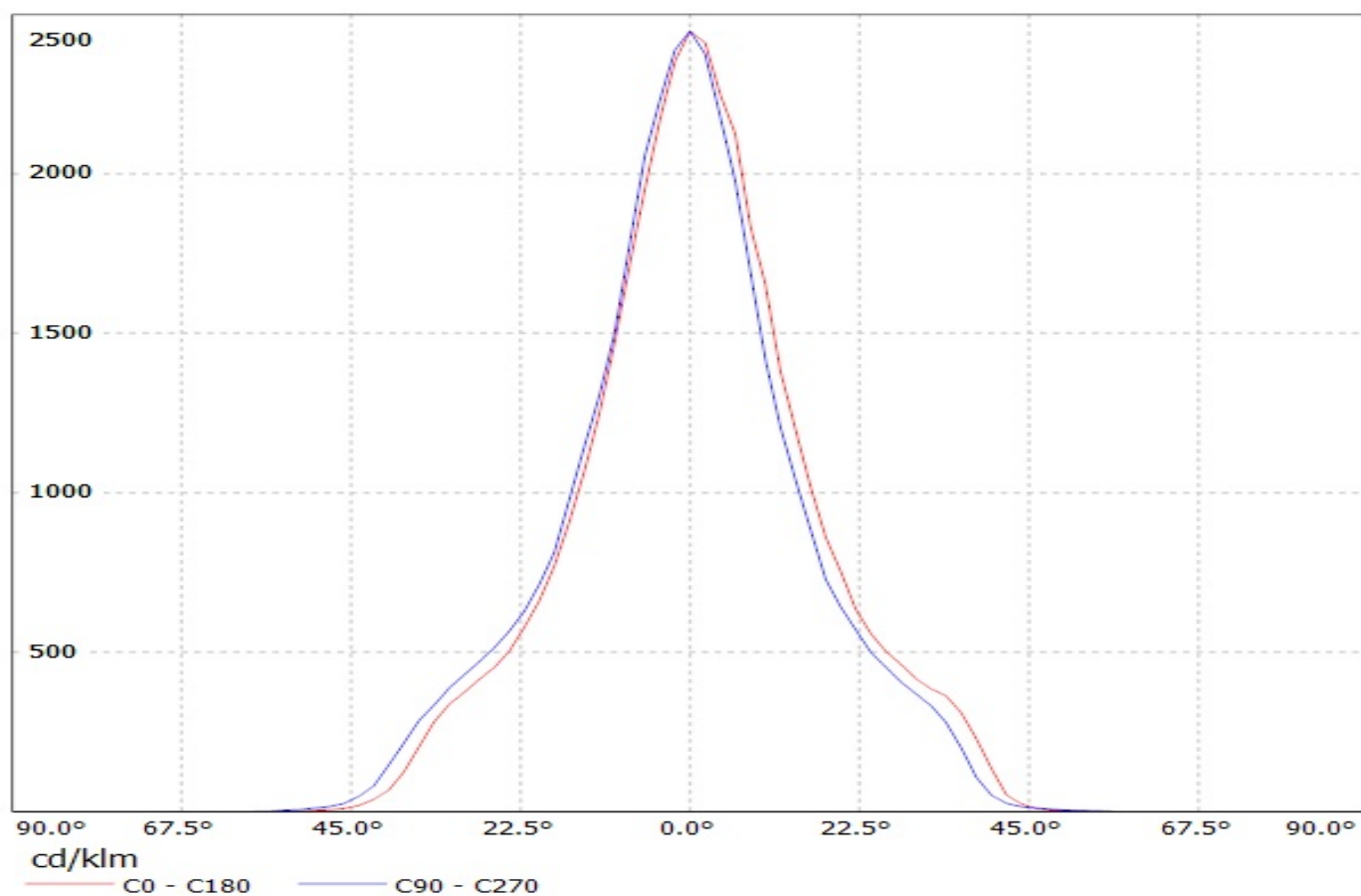
Luminaire: Ledil Oy CN12918_LENINA-S_L110 (Nichia COBL110 515lm @ 250mA) Efficiency=90%
Lamps: 1 x Nichia COBL110 515lm @ 250mA



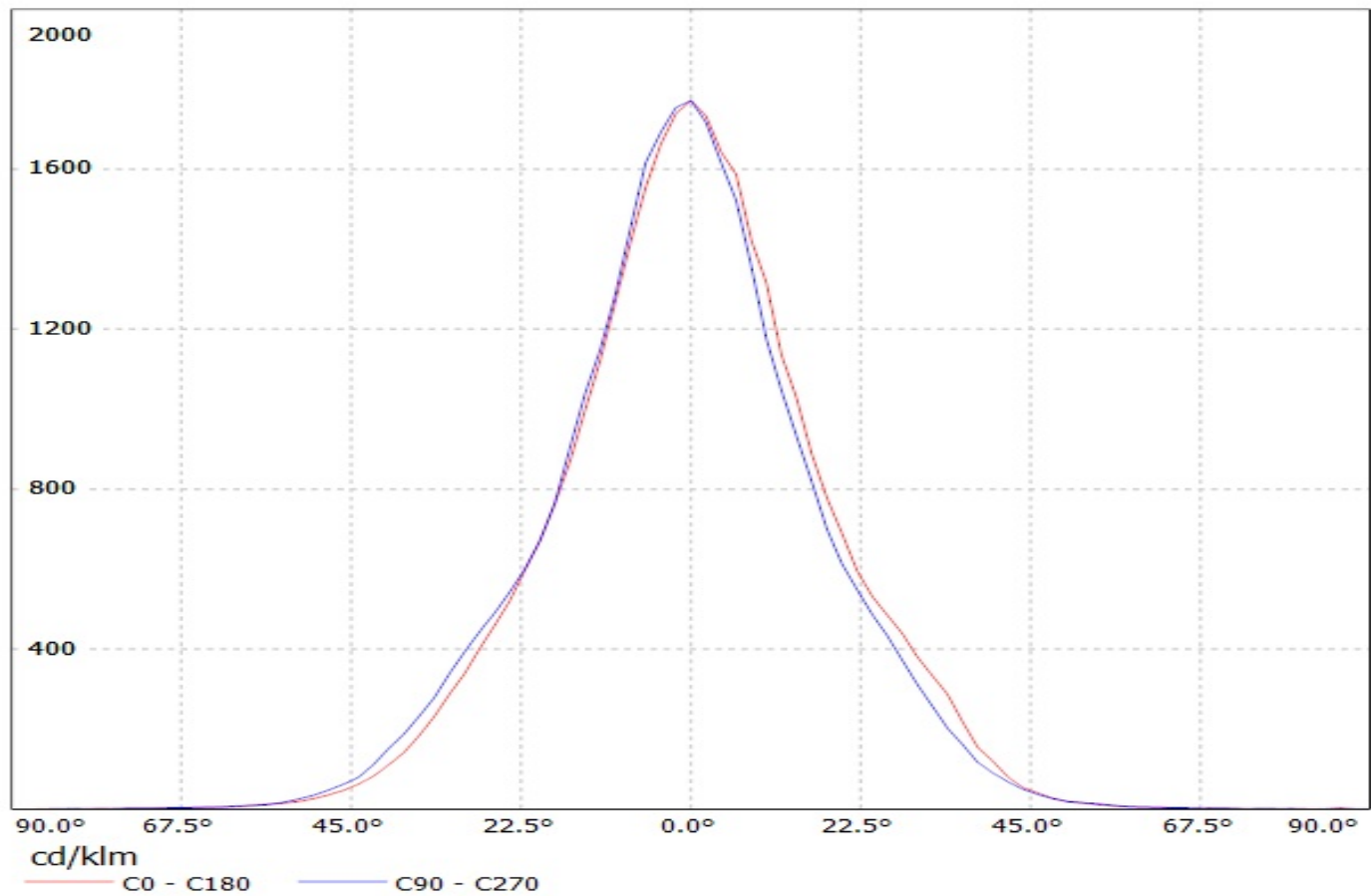
Luminaire: Ledil Oy CN12921_LENINA-S-DL (Nichia COBL110 515lm @ 250mA) Efficiency=82%
Lamps: 1 x Nichia COBL110 515lm @ 250mA



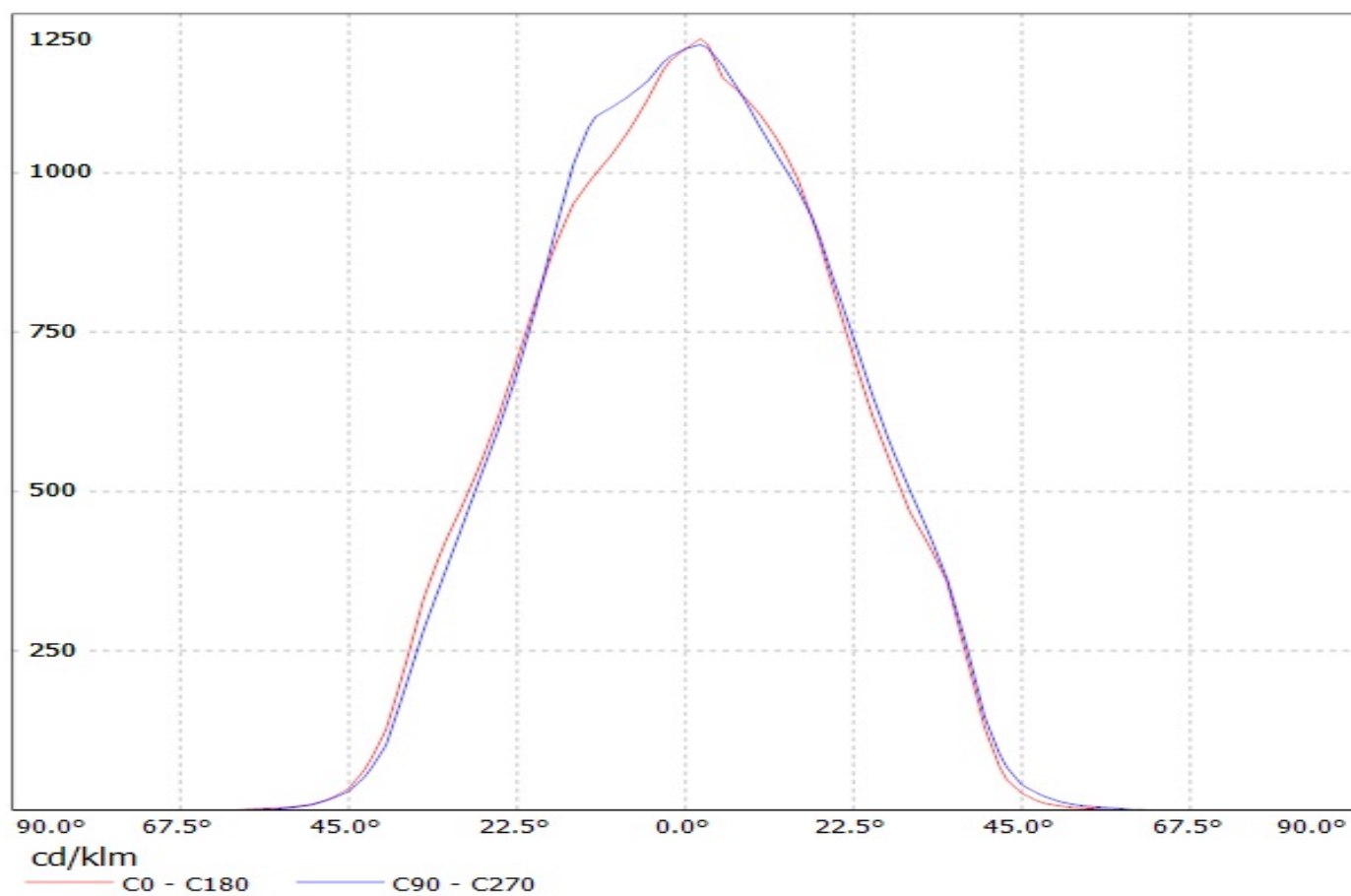
Luminaire: Ledil Oy CN12919_LENINA-M (Nichia COB-L110 515lm @ 250mA) Efficiency=88%
Lamps: 1 x Nichia COB-L110 515lm @ 250mA



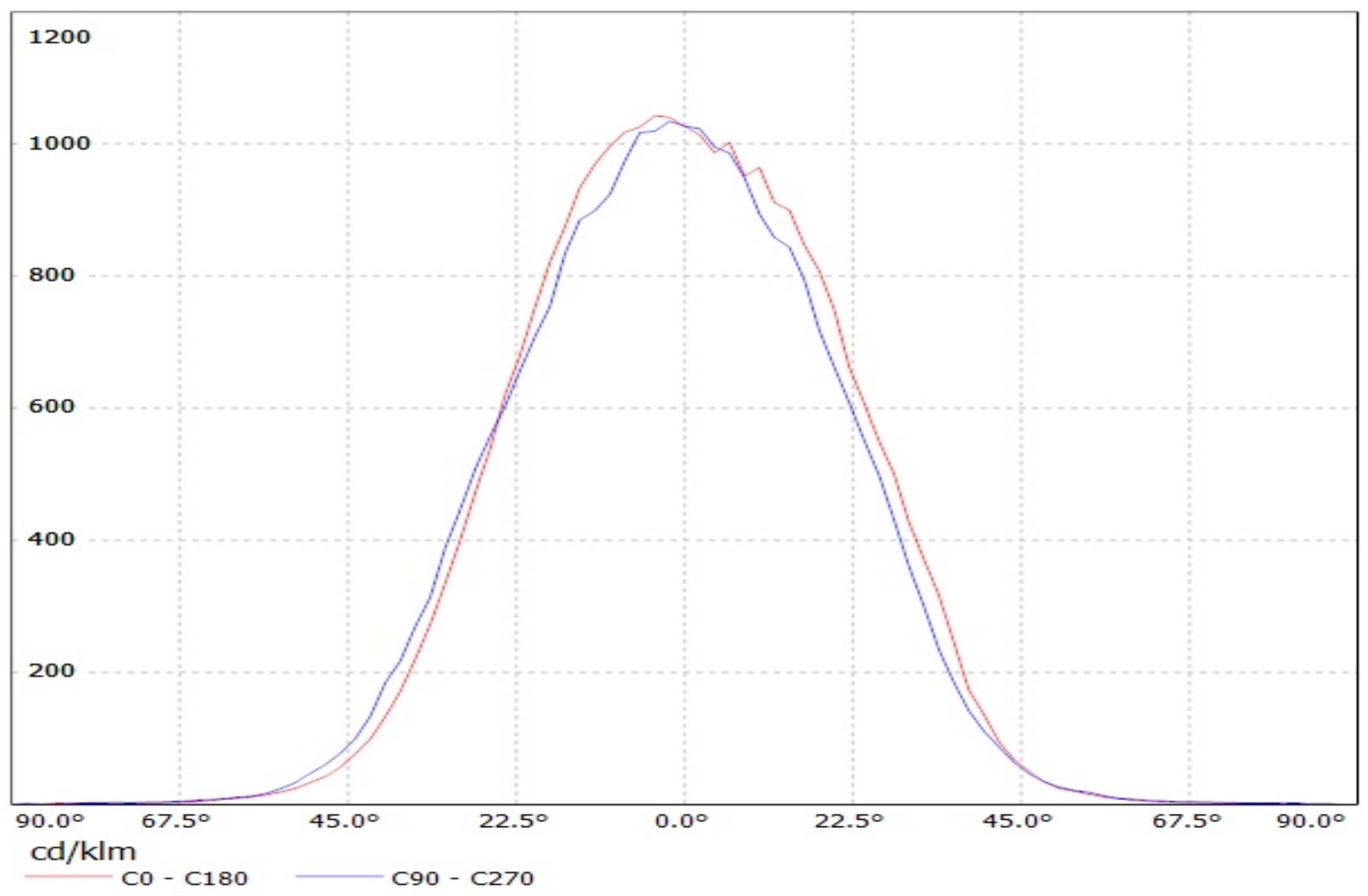
Luminaire: Ledil Oy CN12922_LENINA-M-DL (Nichia COBL110 515lm @ 250mA) Efficiency=81%
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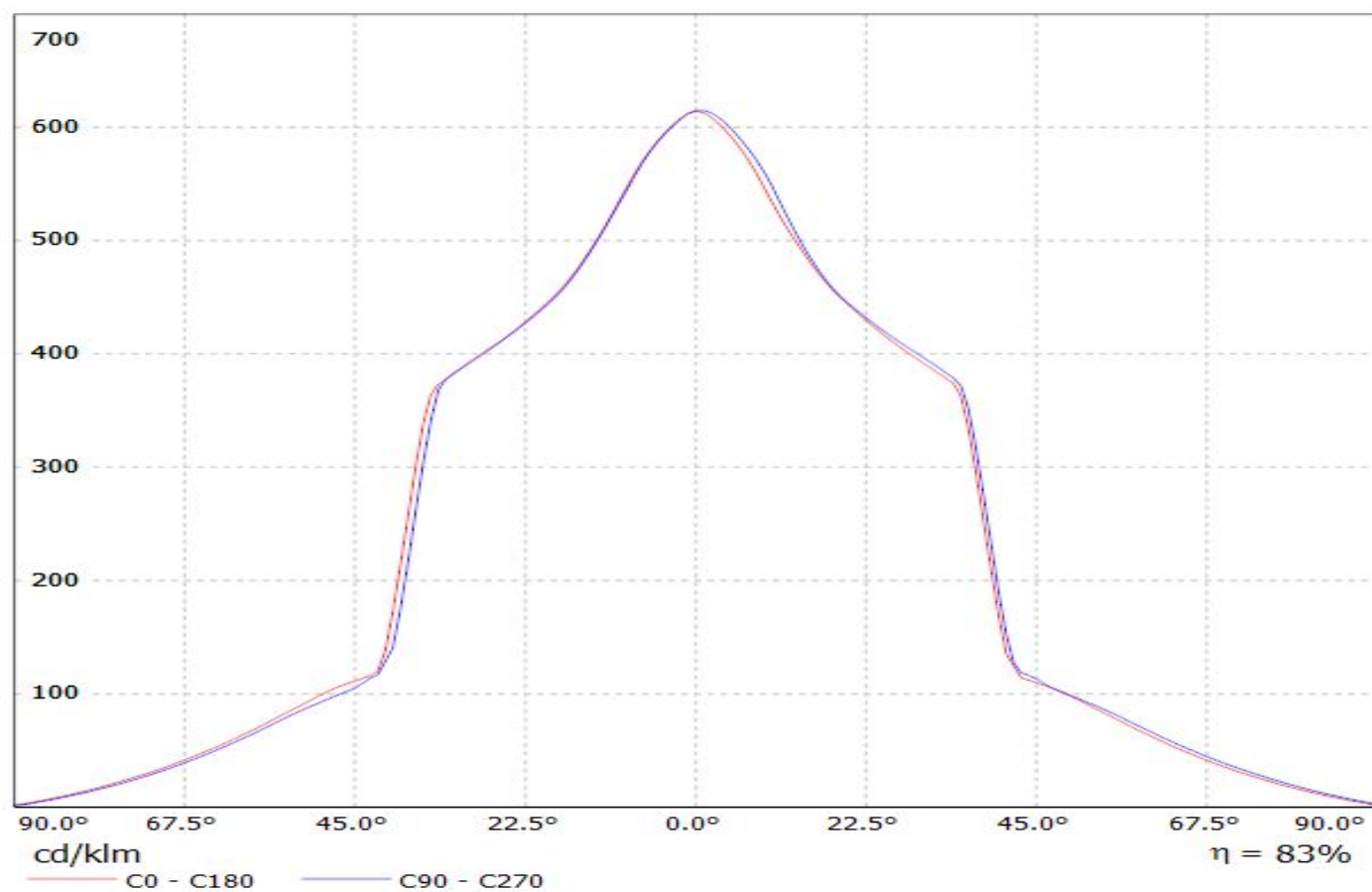
Luminaire: Ledil Oy CN12920_LENINA-W (Nichia COB-L110 515lm @ 250mA) Efficiency=88%
Lamps: 1 x Nichia COB-L110 515lm @ 250mA



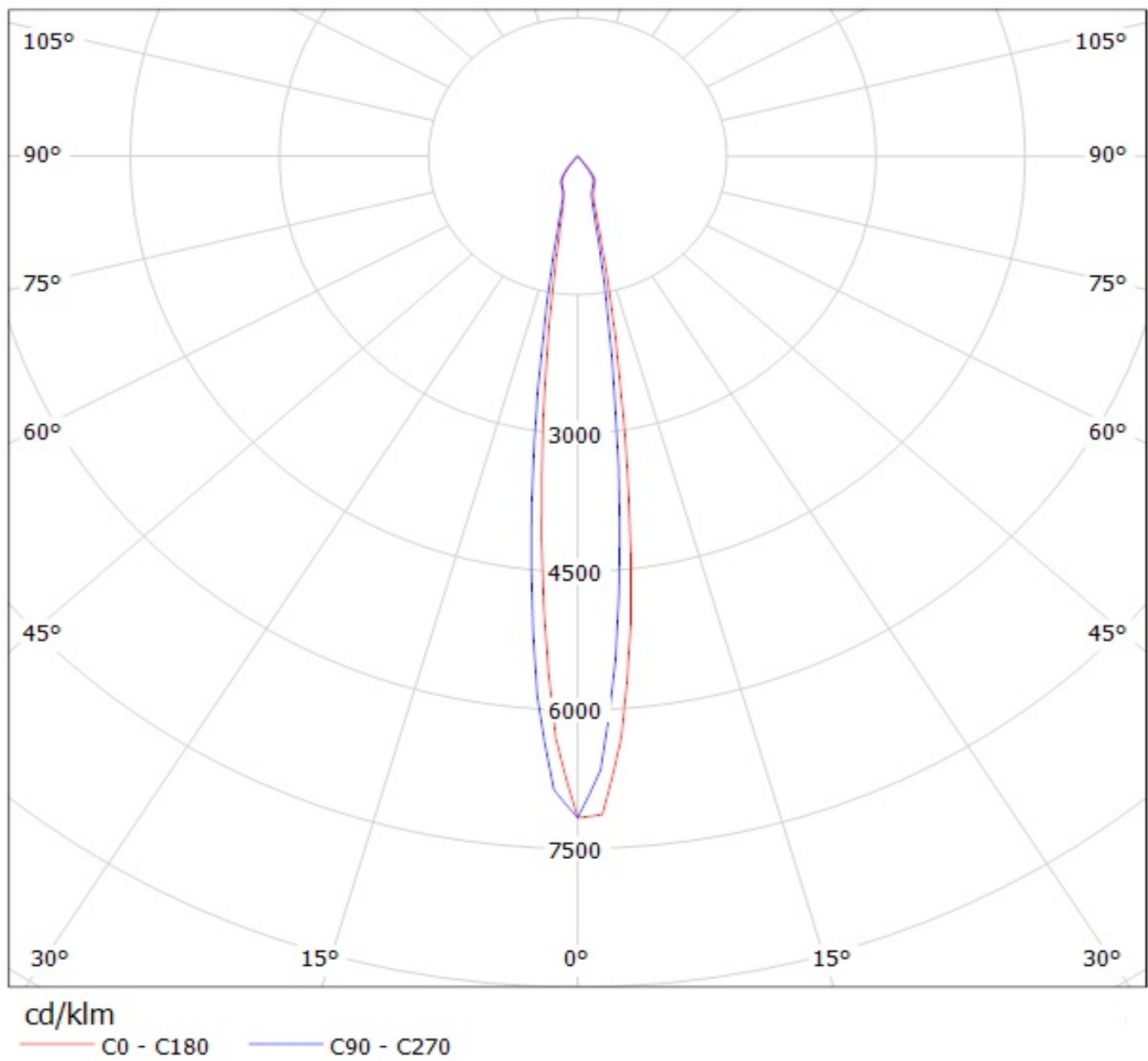
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Lamps: 1 x Nichia COBL110 515lm @ 250mA



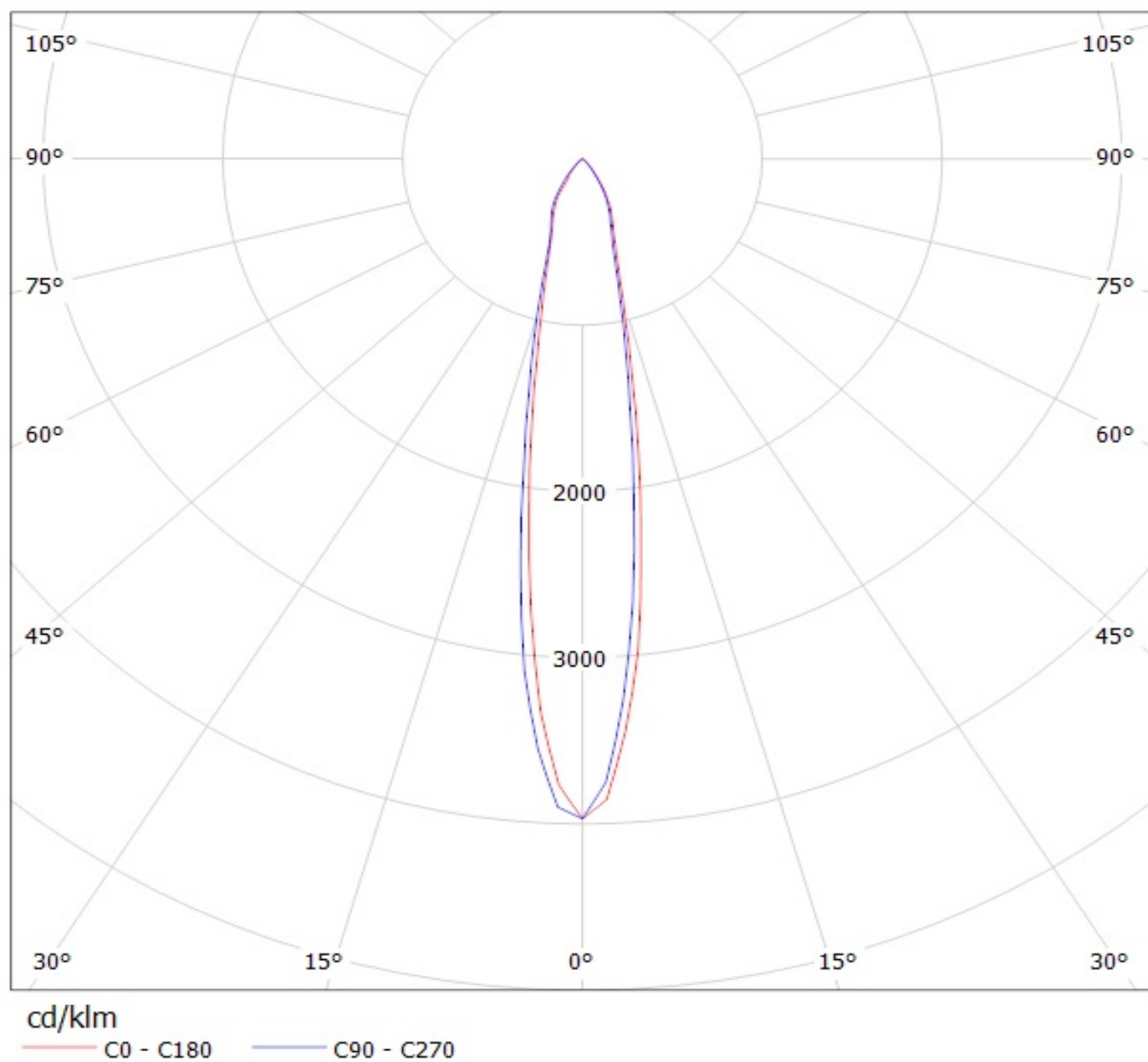
Luminaire: LEDIL OY CN12968_LENINA-XW Eff.82.6%
Lamps: 1 x NICHIA COB-L110 (583.6lm@250mA)



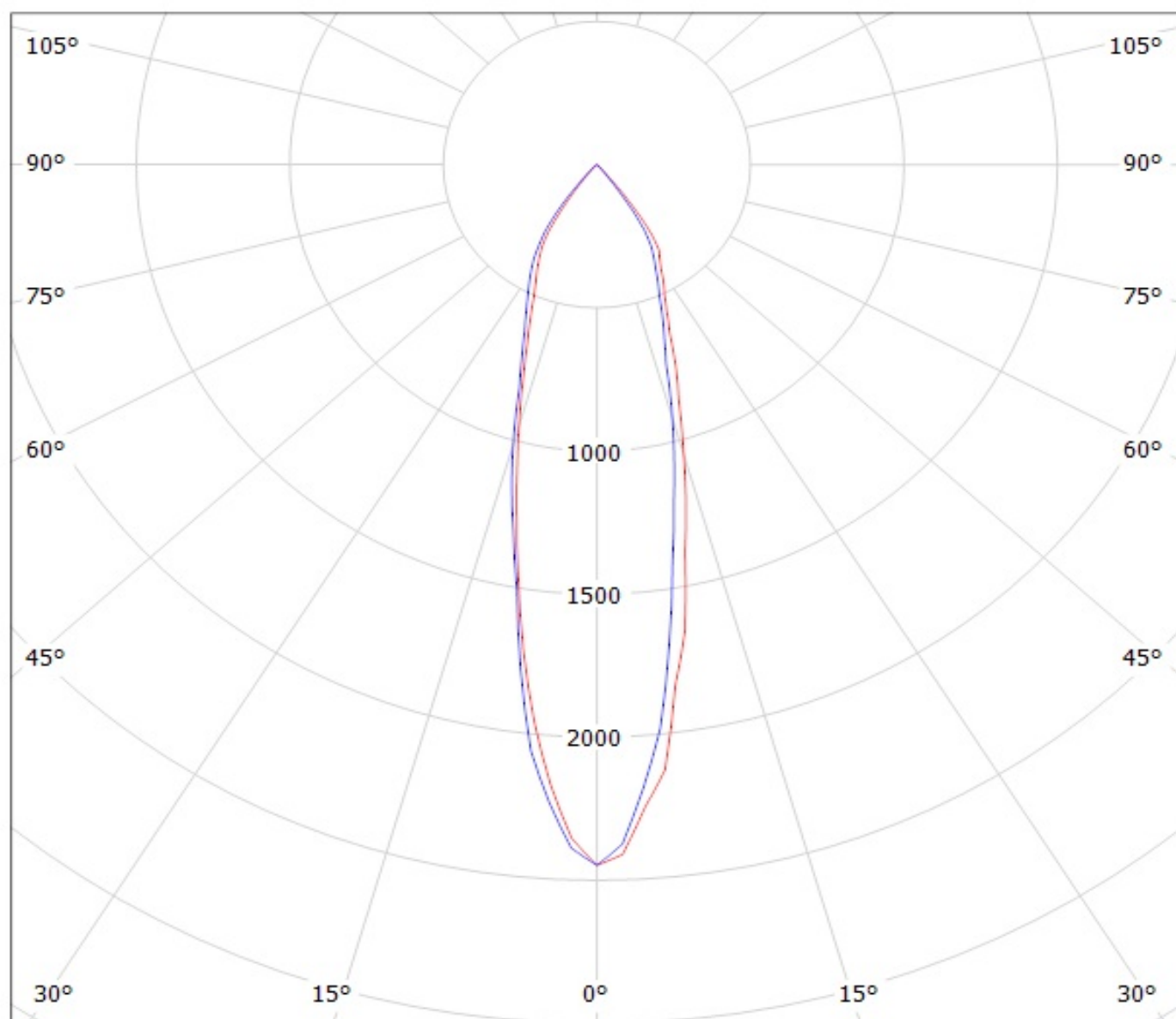
Luminaire: Ledil Oy CN12918_LENINA-S_L110 (Nichia COBL110 515lm @ 250mA) Efficiency=90%
Lamps: 1 x Nichia COBL110 515lm @ 250mA



Luminaire: Ledil Oy CN12921_LENINA-S-DL (Nichia COBL110 515lm @ 250mA) Efficiency=82%
Lamps: 1 x Nichia COBL110 515lm @ 250mA



Luminaire: Ledil Oy CN12919_LENINA-M (Nichia COB-L110 515lm @ 250mA) Efficiency=88%
Lamps: 1 x Nichia COB-L110 515lm @ 250mA

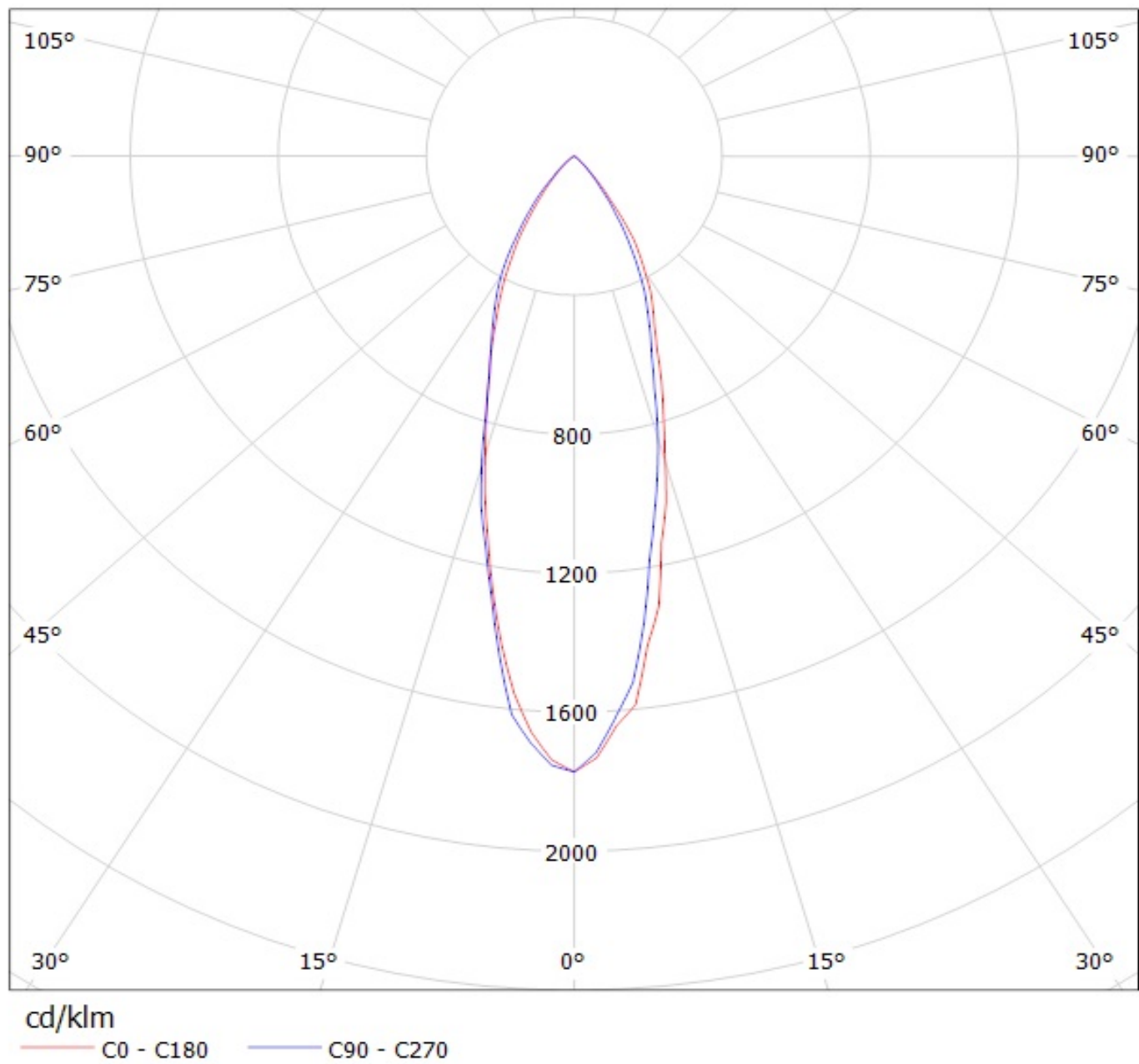


cd/klm

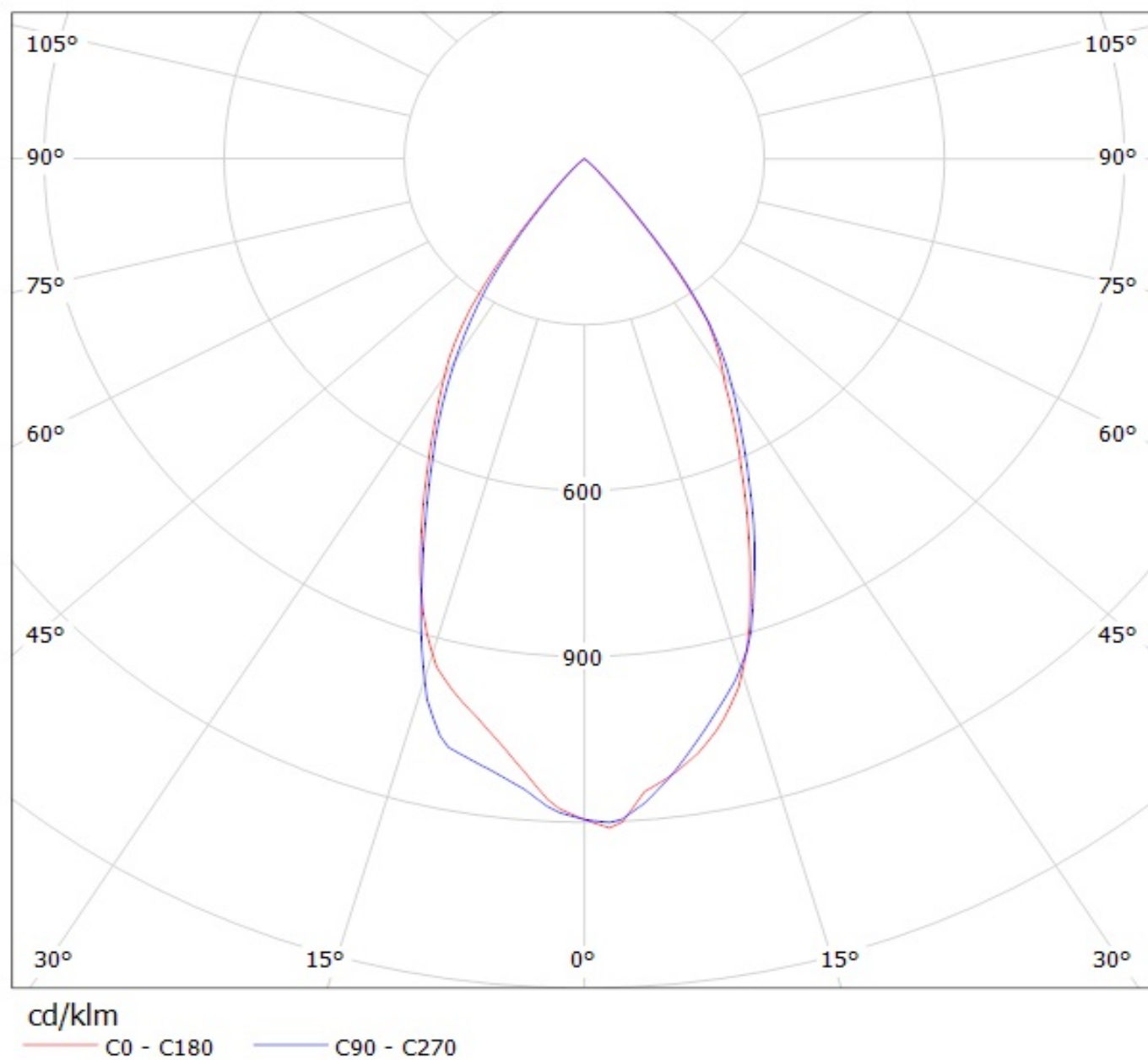
— C0 - C180

— C90 - C270

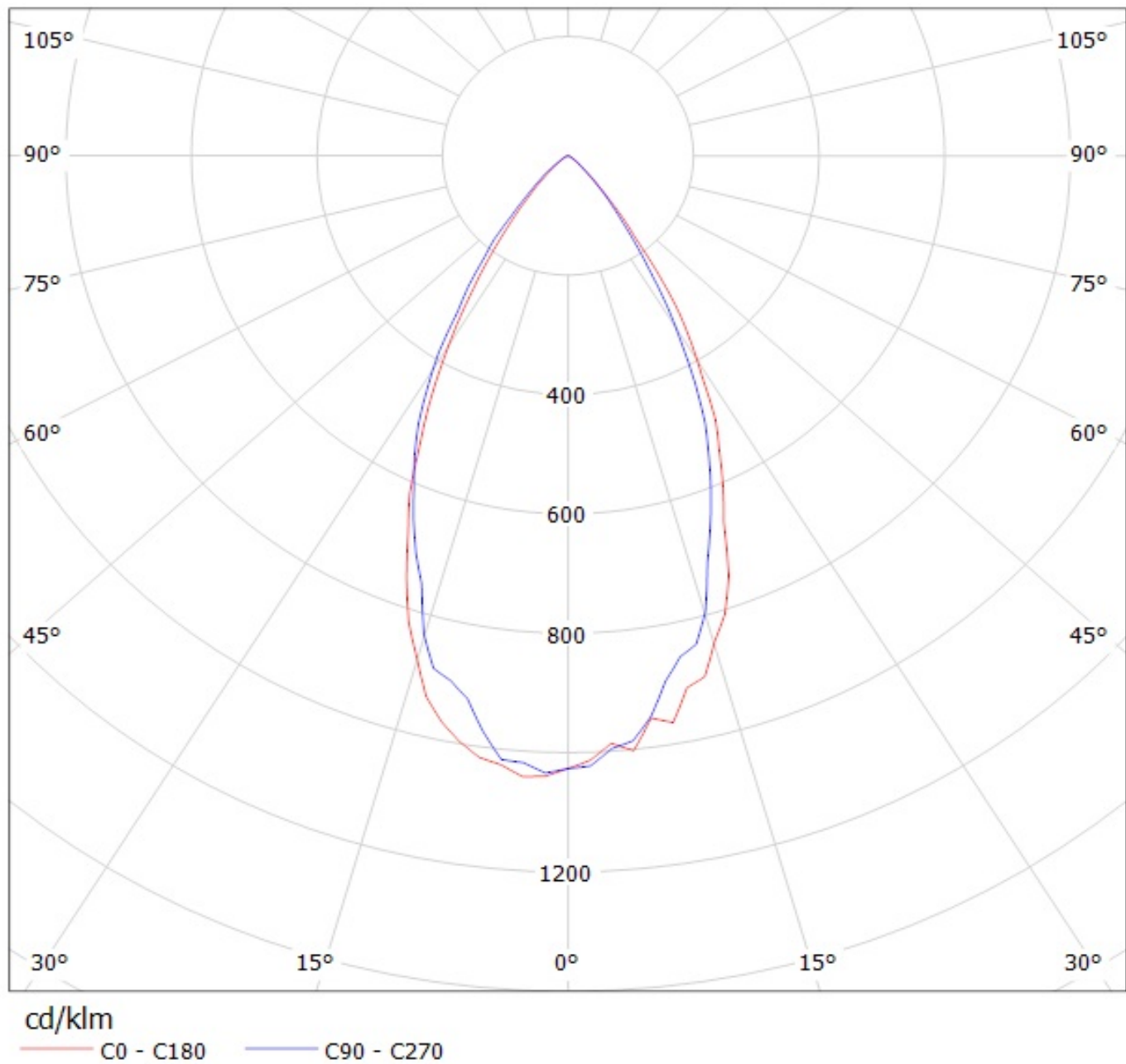
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Lamps: 1 x Nichia COBL110 515lm @ 250mA



Luminaire: Ledil Oy CN12920_LENINA-W (Nichia COB-L110 515lm @ 250mA) Efficiency=88%
Lamps: 1 x Nichia COB-L110 515lm @ 250mA



Luminaire: Ledil Oy CN12923_LENINA-W-DL (Nichia COBL110 515lm @ 250mA) Efficiency=81%
Lamps: 1 x Nichia COBL110 515lm @ 250mA



Luminaire: LEDIL OY CN12968_LENINA-XW Eff.82.6%
Lamps: 1 x NICHIA COB-L110 (583.6lm@250mA)

