

**Ordering number CN12918\_LENINA-S**

Family	Lenina	FWHM	20 degrees
Type	Pack	Efficiency	87 %
LED	COB204	cd/lm	5.100
Color	Metal	Gerber File	Available
Diameter	74 mm		
Height	46.95 mm		
Style	Round		
Optic Material	PC		
Holder Material	PC		
Fastening	-		
Status	Ready		

**Ordering number CN12921\_LENINA-S-DL**

Family	Lenina	FWHM	24 degrees
Type	Pack	Efficiency	81 %
LED	COB204	cd/lm	3.200
Color	Metal	Gerber File	Available
Diameter	74 mm		
Height	46.95 mm		
Style	Round		
Optic Material	PC		
Holder Material	PC		
Fastening	-		
Status	Ready		

**Ordering number CN12919\_LENINA-M**

Family	Lenina	FWHM	33 degrees
Type	Pack	Efficiency	87 %
LED	COB204	cd/lm	2.000
Color	Metal	Gerber File	Available
Diameter	74 mm		
Height	46.95 mm		
Style	Round		
Optic Material	PC		
Holder Material	PC		
Fastening	-		
Status	Ready		

**Ordering number CN12922\_LENINA-M-DL**

Family	Lenina	FWHM	40 degrees
Type	Pack	Efficiency	81 %
LED	COB204	cd/lm	1.500
Color	Metal	Gerber File	Available
Diameter	74 mm		
Height	46.95 mm		
Style	Round		
Optic Material	PC		
Holder Material	PC		
Fastening	-		
Status	Ready		

**Ordering number CN12920\_LENINA-W**

Family	Lenina	FWHM	58 degrees
Type	Pack	Efficiency	87 %
LED	COB204	cd/lm	1.100
Color	Metal	Gerber File	Available
Diameter	74 mm		
Height	46.95 mm		
Style	Round		
Optic Material	PC		
Holder Material	PC		
Fastening	-		
Status	Ready		

**Ordering number CN12923\_LENINA-W-DL**

Family	Lenina	FWHM	58 degrees
Type	Pack	Efficiency	79 %
LED	COB204	cd/lm	0.950
Color	Metal	Gerber File	Available
Diameter	74 mm		
Height	46.95 mm		
Style	Round		
Optic Material	PC		
Holder Material	PC		
Fastening	-		
Status	Ready		

**Ordering number CN12968\_LENINA-XW**

Family	Lenina	FWHM	73 degrees
Type	Pack	Efficiency	92 %
LED	COB204	cd/lm	0.655
Color	White	Gerber File	Available
Diameter	74 mm		
Height	46.95 mm		
Style	Round		
Optic Material	PC		
Holder Material	PC		
Fastening	Socket, socket		
Status	Ready		

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

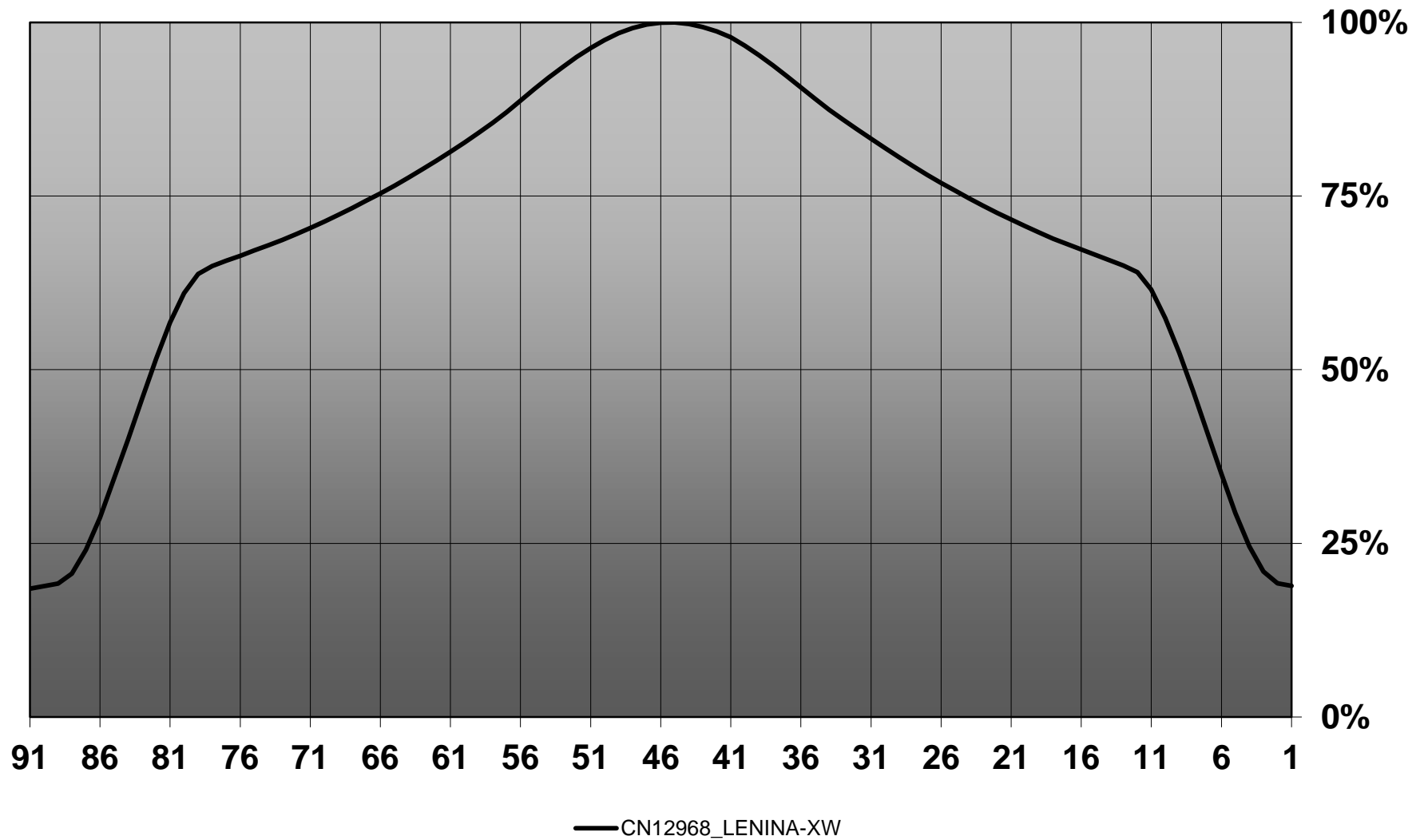
last update 27/9/2012



#### GENERAL INFORMATION

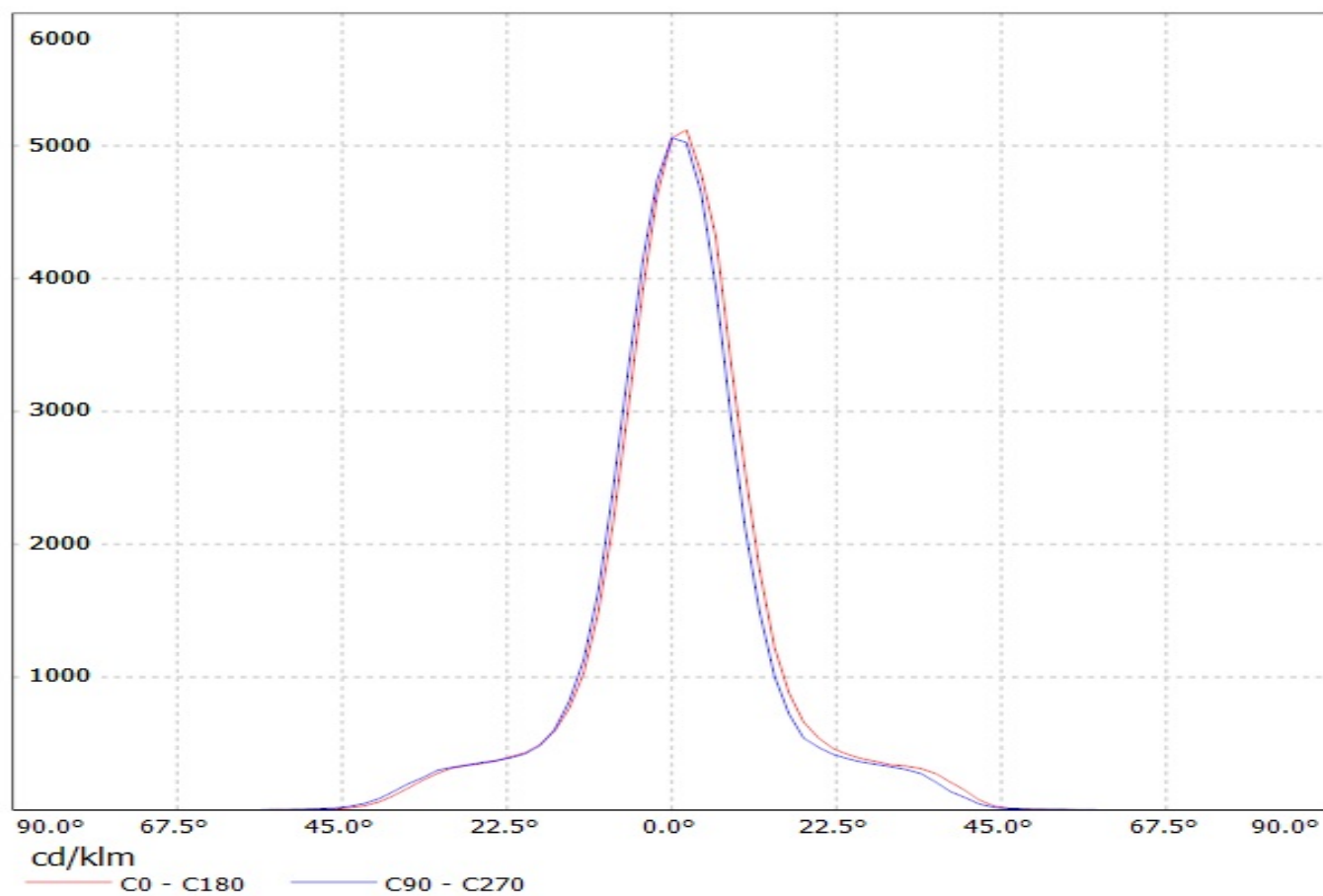
- Product series especially designed & optimized for COB204 series of LEDs.
- Special care taken to make light distribution as uniform as possible.
- Reflector is made of aluminium coated PC (120 degrees of Celcius / 248 degrees of Fahrenheit) with protective lacquer (110 degrees of Celcius / 230 degrees of Fahrenheit).
- Optic holder molded by high quality PC material (120 dergees of Celcius / 248 degrees of Fahrenheit).

### Absolute intensity of CN12968\_LENINA-XW

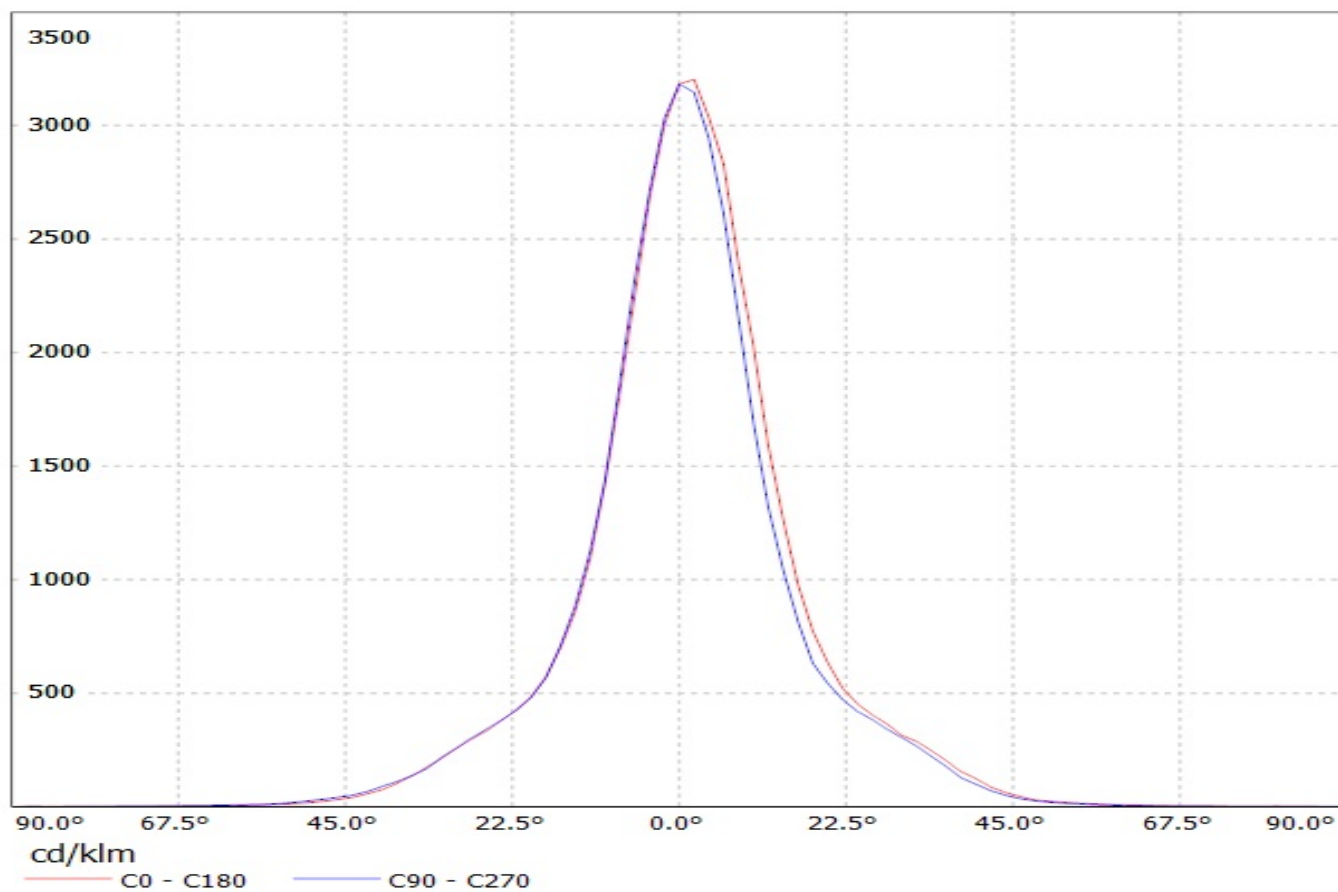




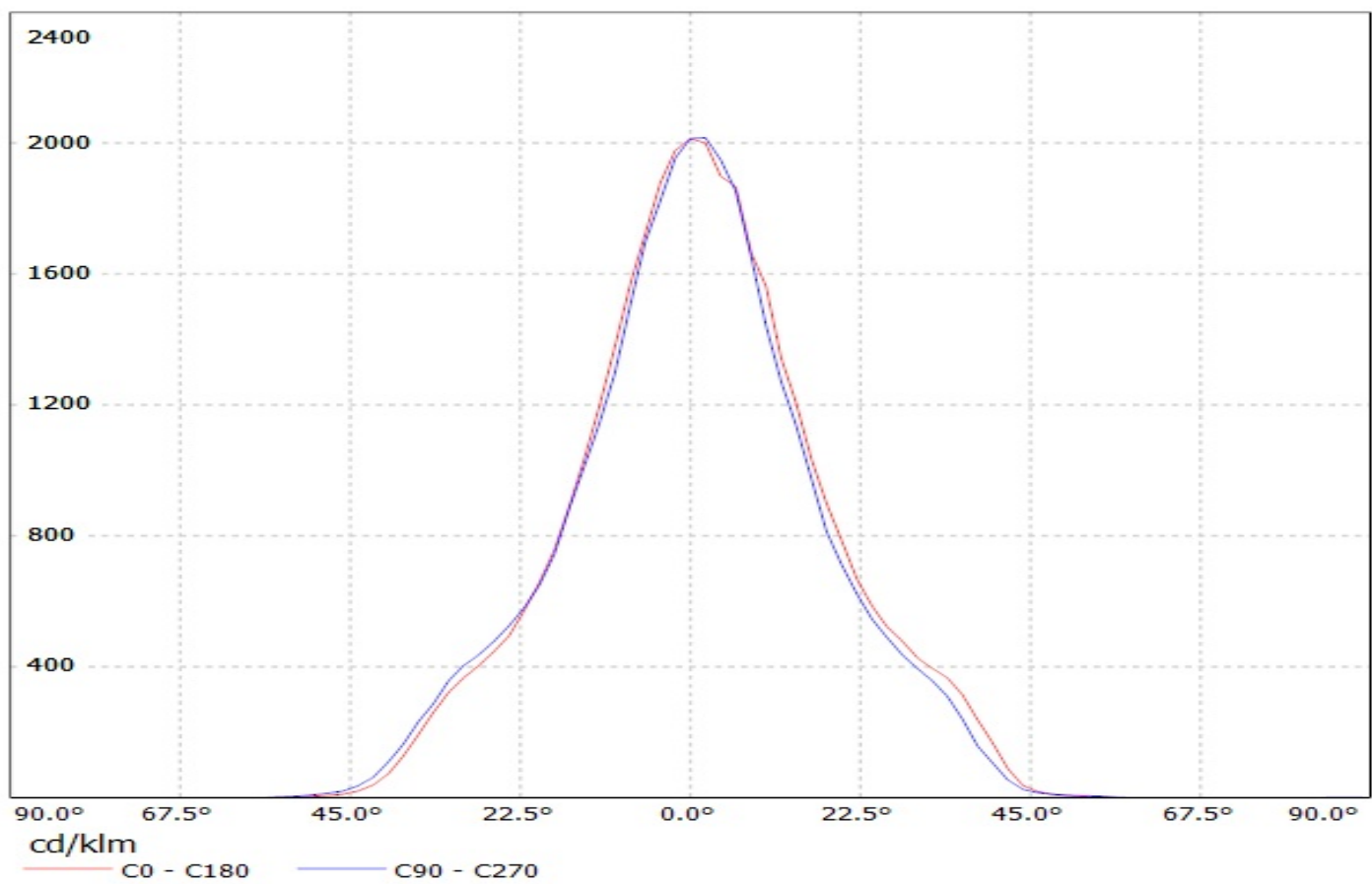
Luminaire: Ledil Oy CN12918\_LENINA-S (Nichia COB204 676lm @ 250mA) Efficiency=87%  
Lamps: 1 x Nichia COB204 676lm @ 250mA



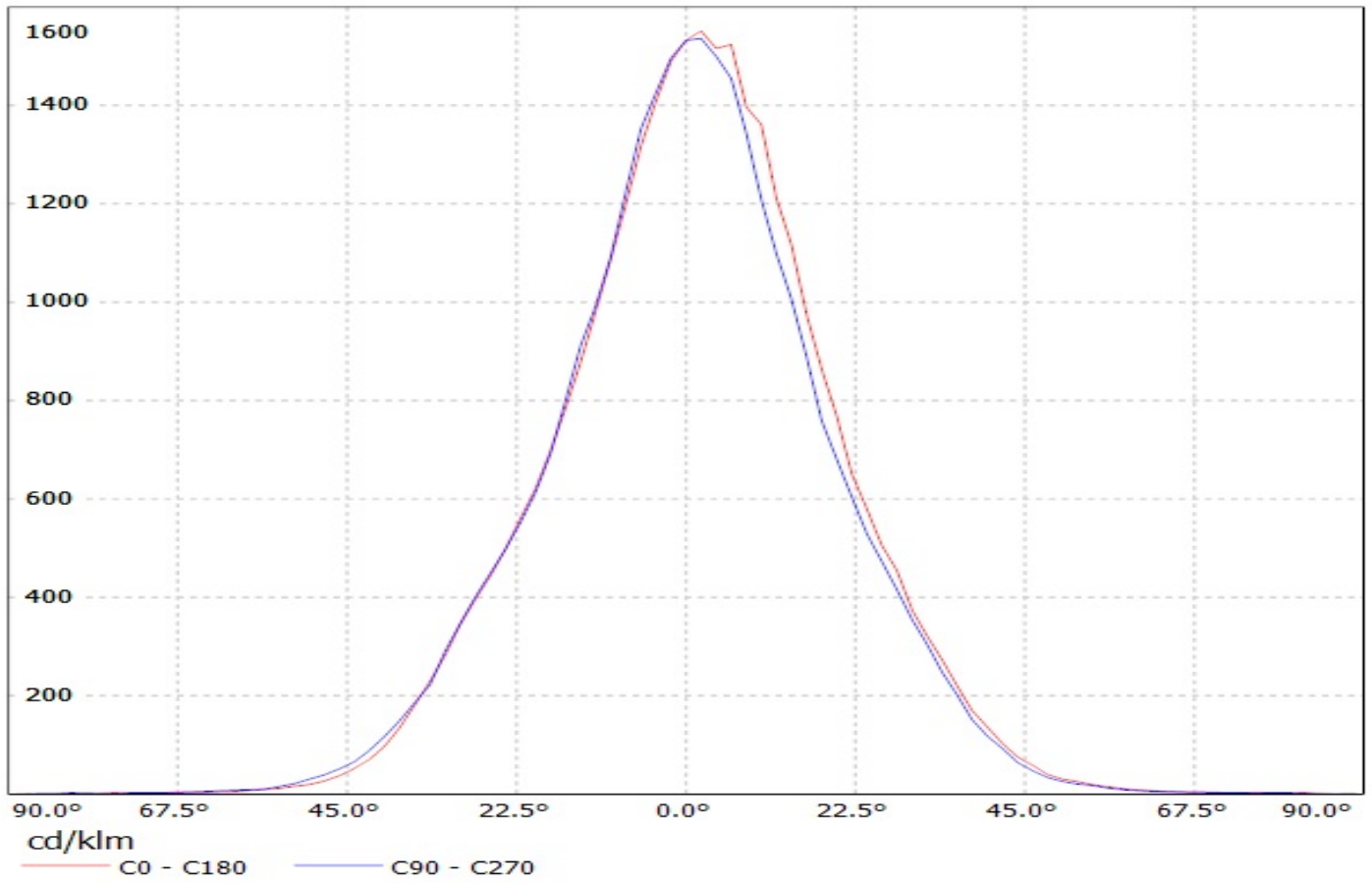
Luminaire: Ledil Oy CN12921\_LENINA-S-DL (Nichia COB204 676lm @ 250mA) Efficiency=81%  
Lamps: 1 x Nichia COB204 676lm @ 250mA



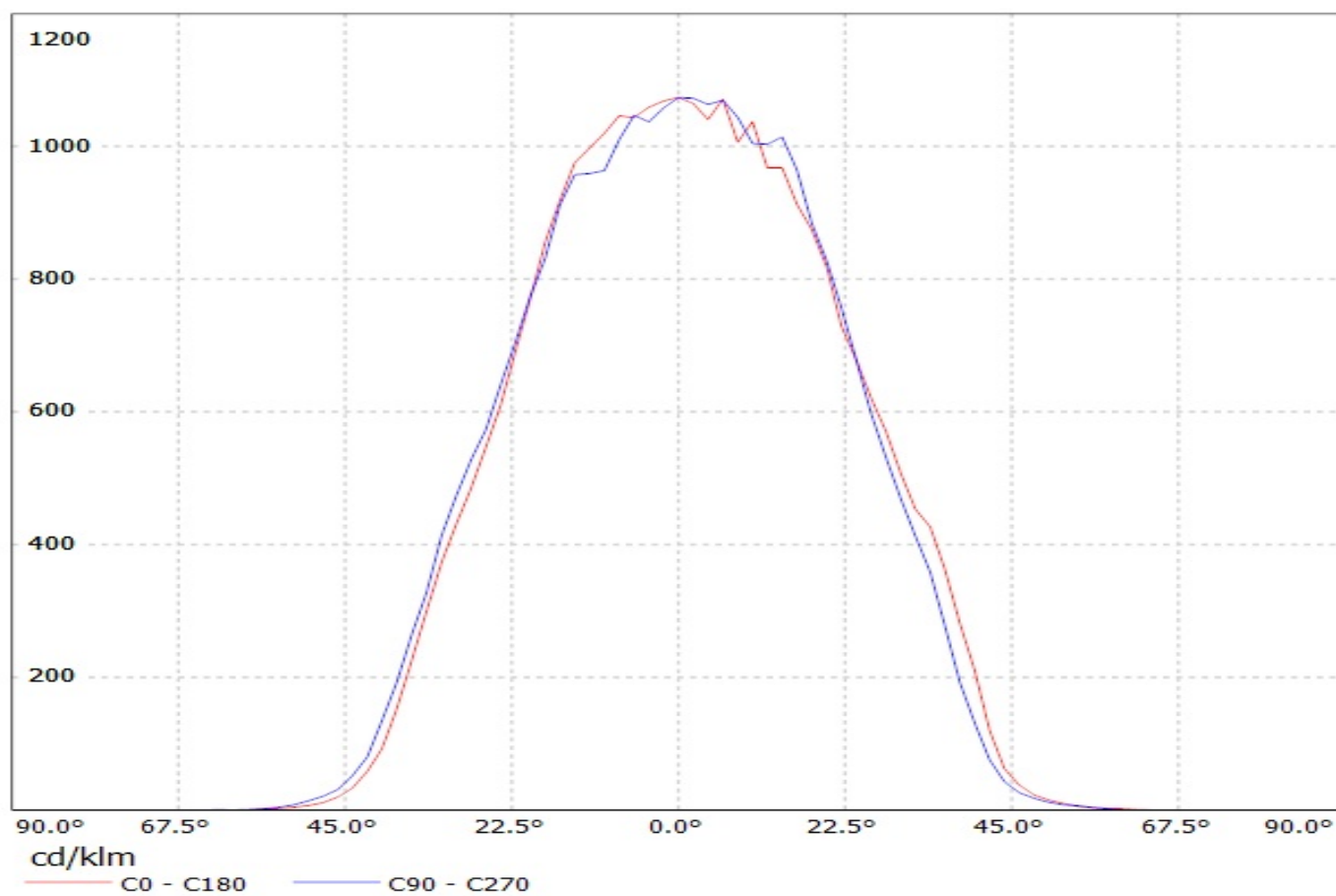
Luminaire: Ledil Oy CN12919\_LENINA-M (Nichia COB204 676lm @ 250mA) Efficiency=86%  
Lamps: 1 x Nichia COB204 676lm @ 250mA



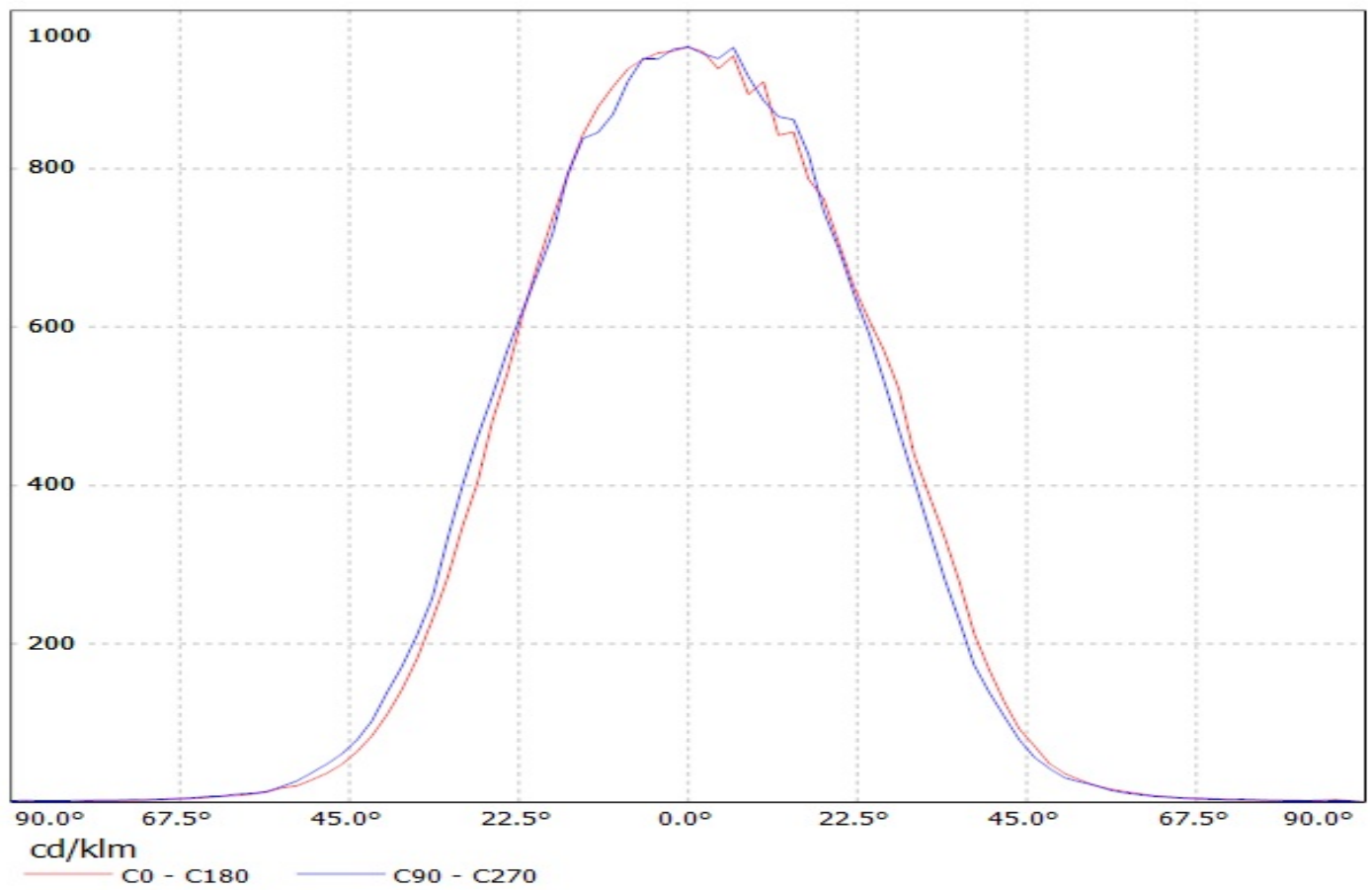
Luminaire: Ledil Oy CN12922\_LENINA-M-DL (Nichia COB204 676lm @ 250mA) Efficiency=81%  
Lamps: 1 x Nichia COB204 676lm @ 250mA



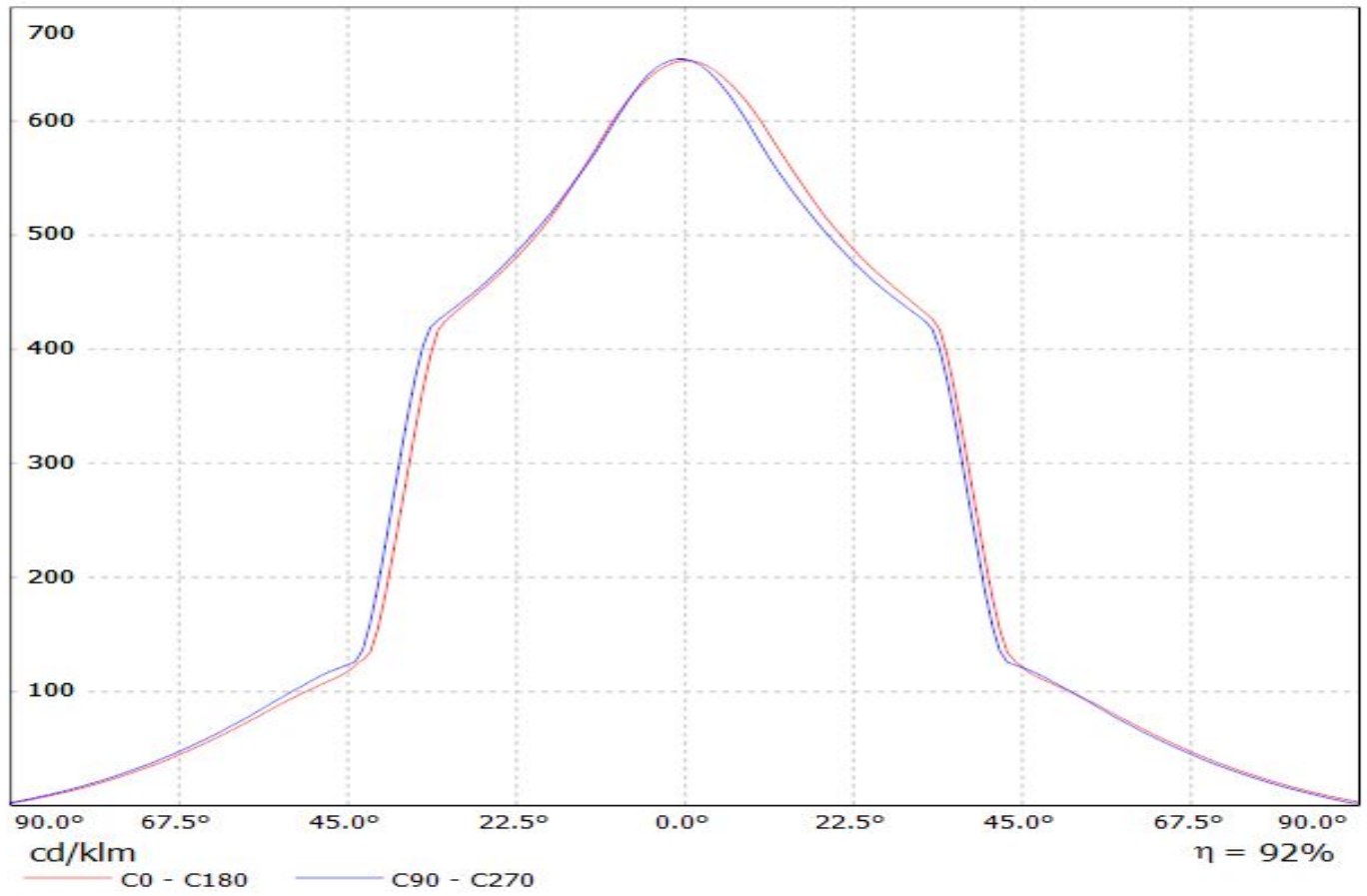
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Lamps: 1 x Nichia COB204 676lm @ 250mA



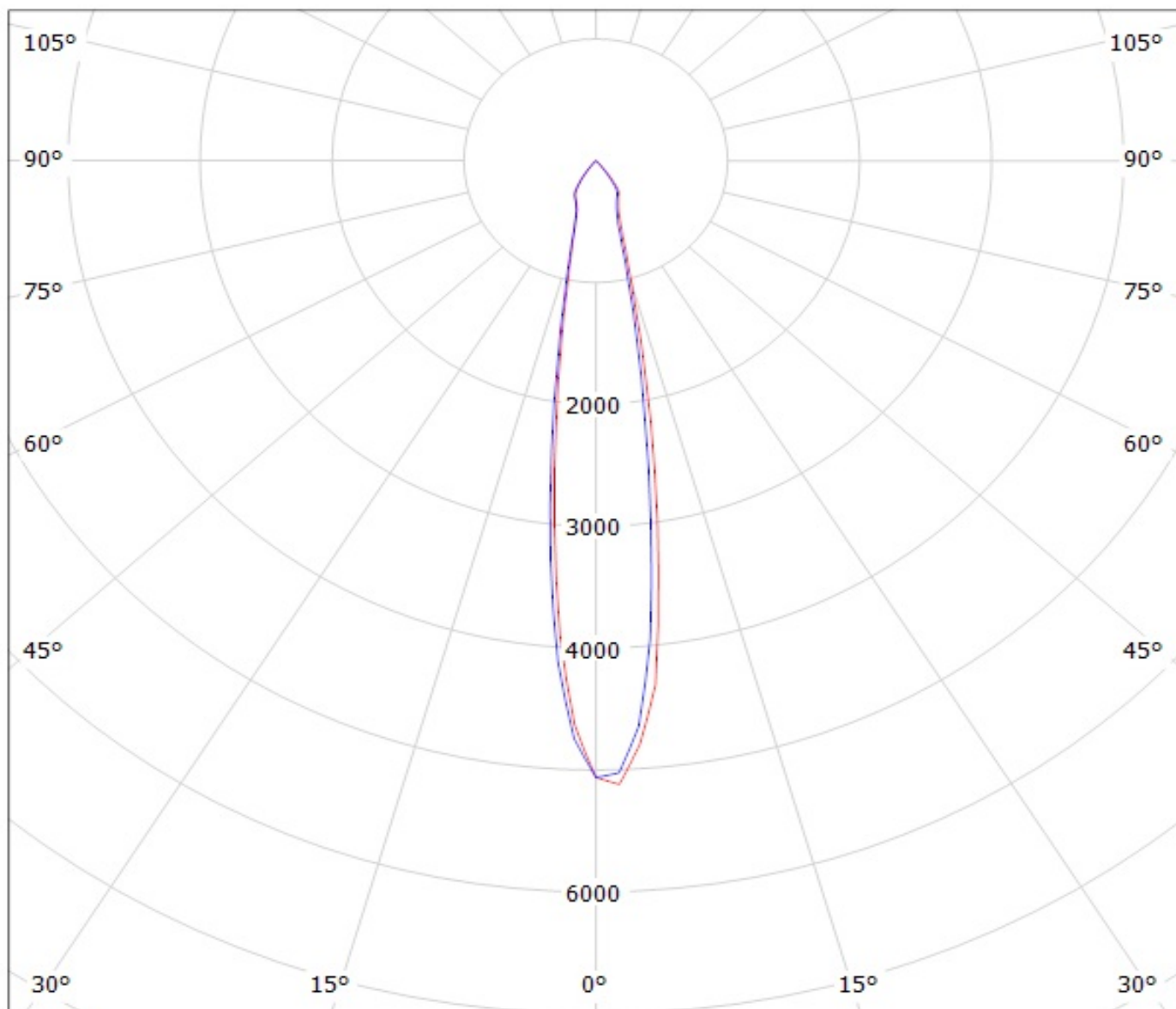
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Lamps: 1 x Nichia COB204 676lm @ 250mA



Luminaire: LEDIL OY CN12968\_LENINA-XW Eff.91,8%  
Lamps: 1 x COB204 (606.45lm@250mA)



Luminaire: Ledil Oy CN12918\_LENINA-S (Nichia COB204 676lm @ 250mA) Efficiency=87%  
Lamps: 1 x Nichia COB204 676lm @ 250mA

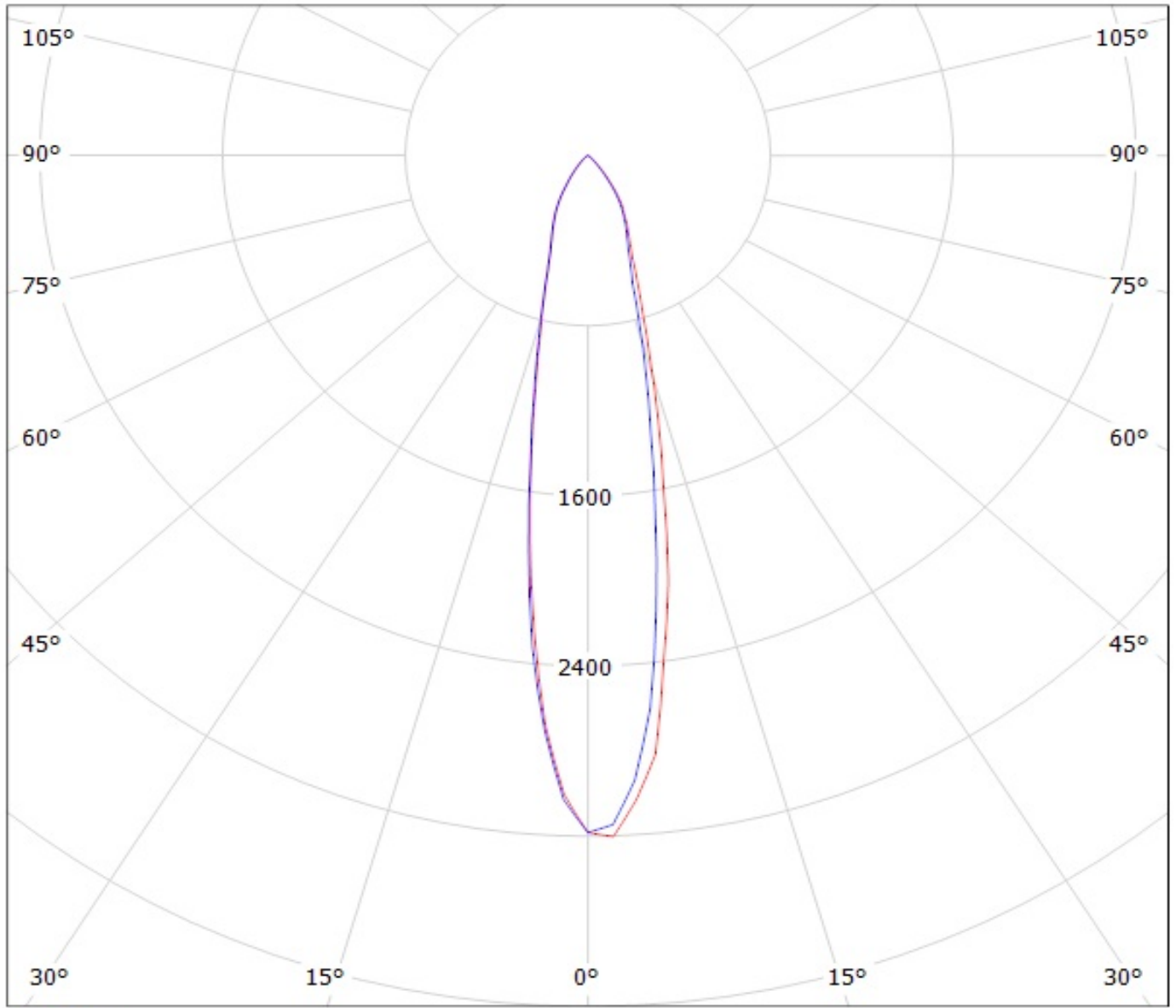


cd/klm

— C0 - C180

— C90 - C270

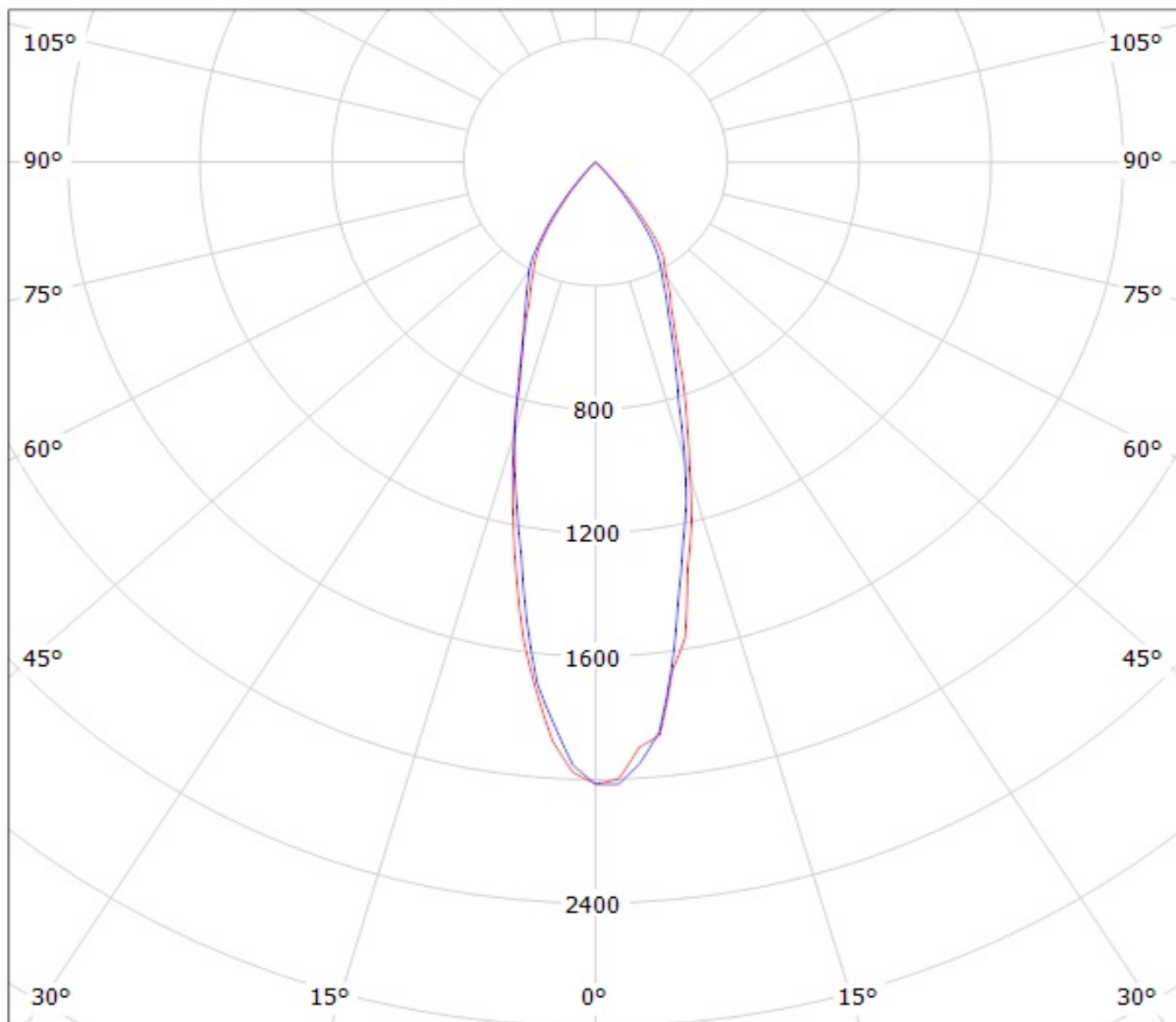
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Lamps: 1 x Nichia COB204 676lm @ 250mA



cd/klm

— C0 - C180    — C90 - C270

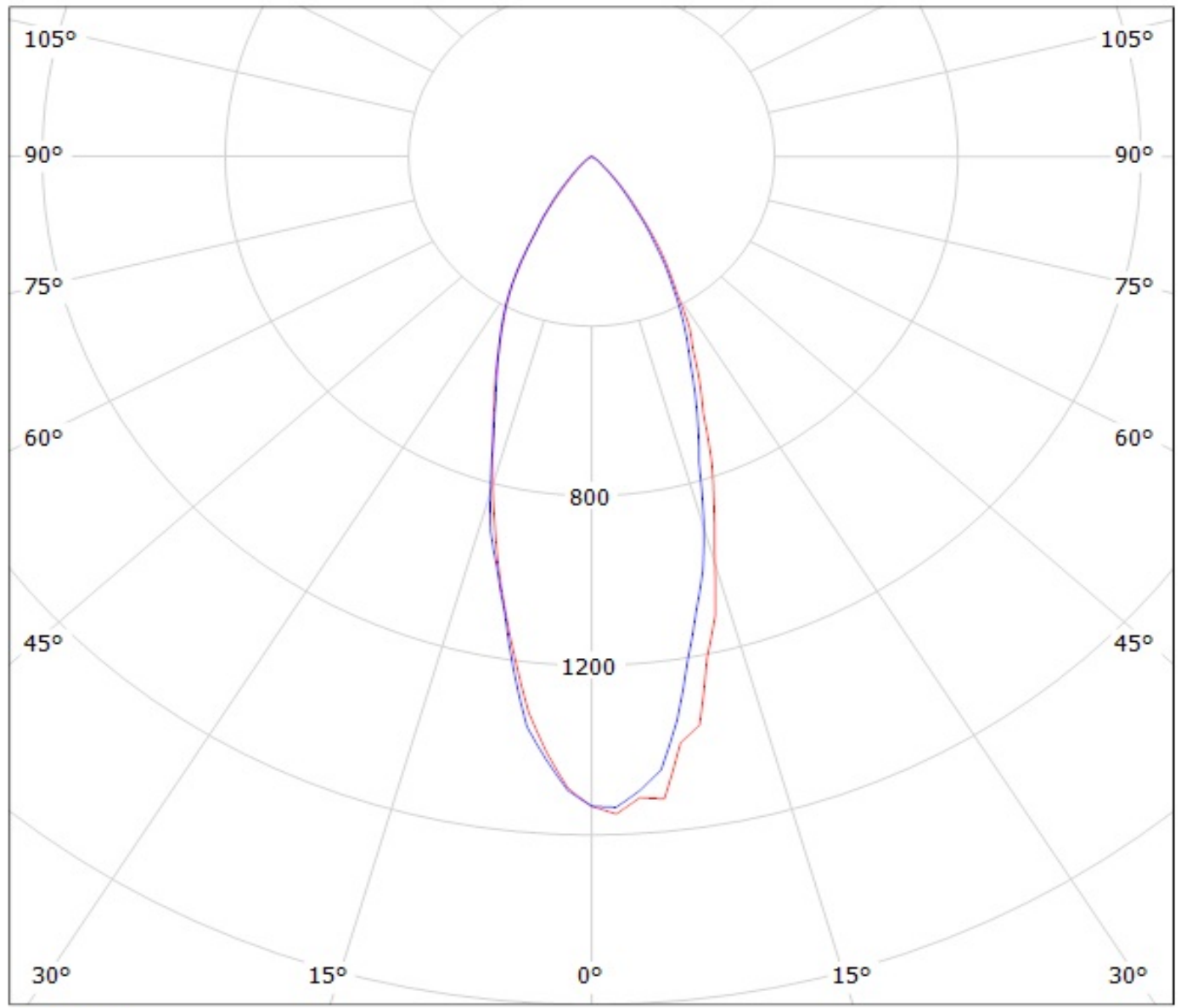
Luminaire: Ledil Oy CN12919\_LENINA-M (Nichia COB204 676lm @ 250mA) Efficiency=86%  
Lamps: 1 x Nichia COB204 676lm @ 250mA



cd/klm

— C0 - C180    — C90 - C270

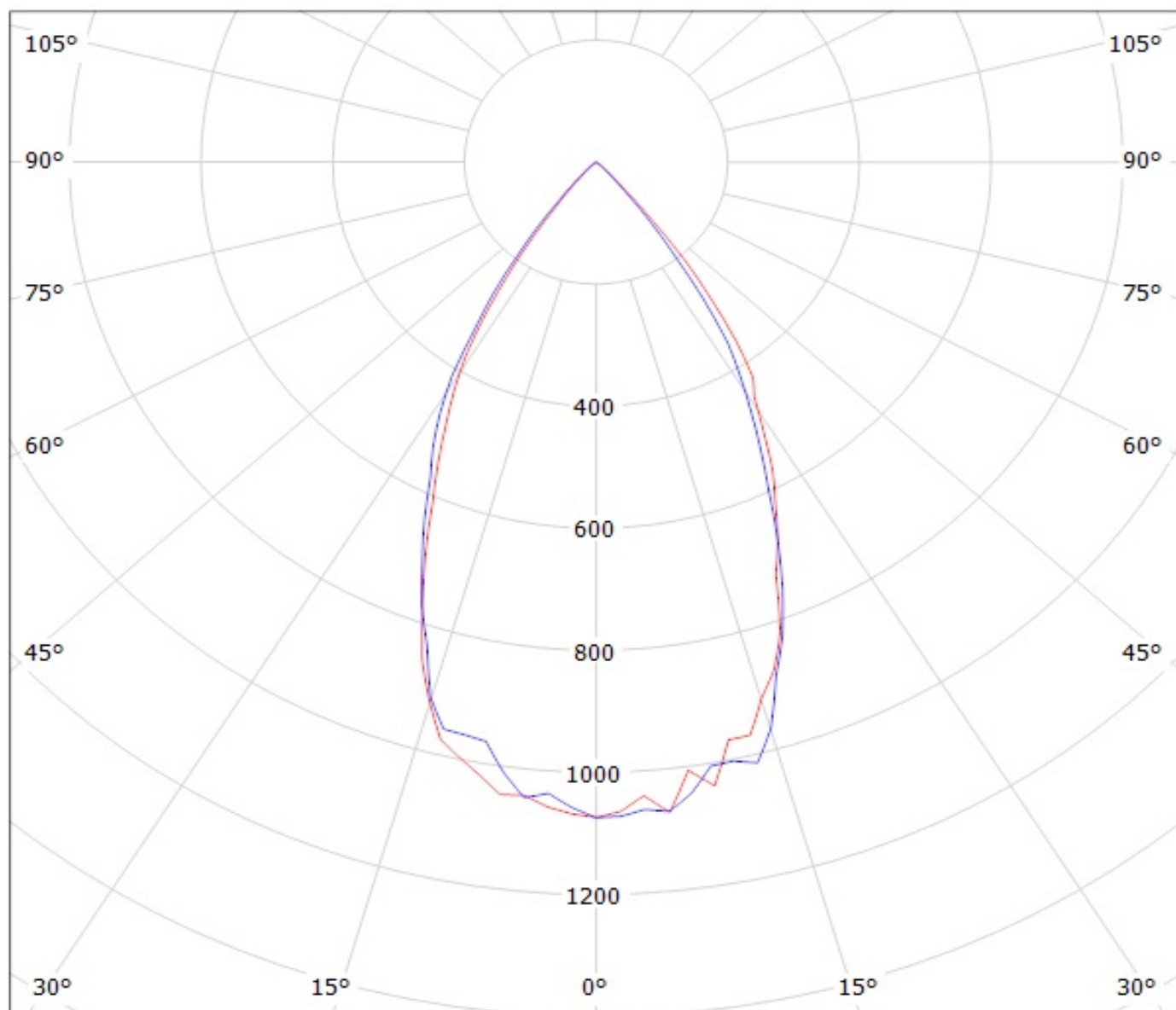
Luminaire: Ledil Oy CN12922\_LENINA-M-DL (Nichia COB204 676lm @ 250mA) Efficiency=81%  
Lamps: 1 x Nichia COB204 676lm @ 250mA



cd/klm

— C0 - C180    — C90 - C270

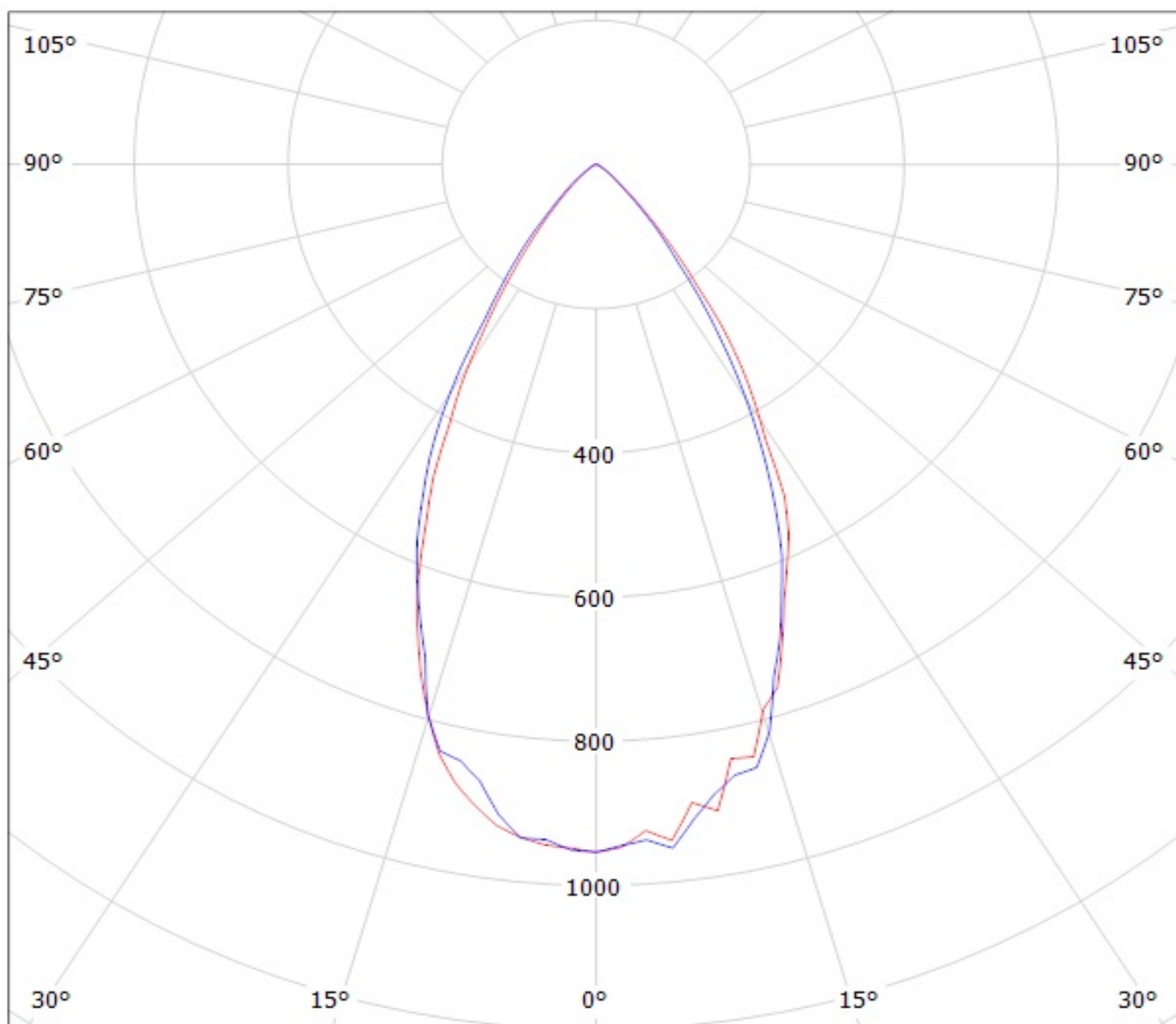
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cd/klm

— C0 - C180    — C90 - C270

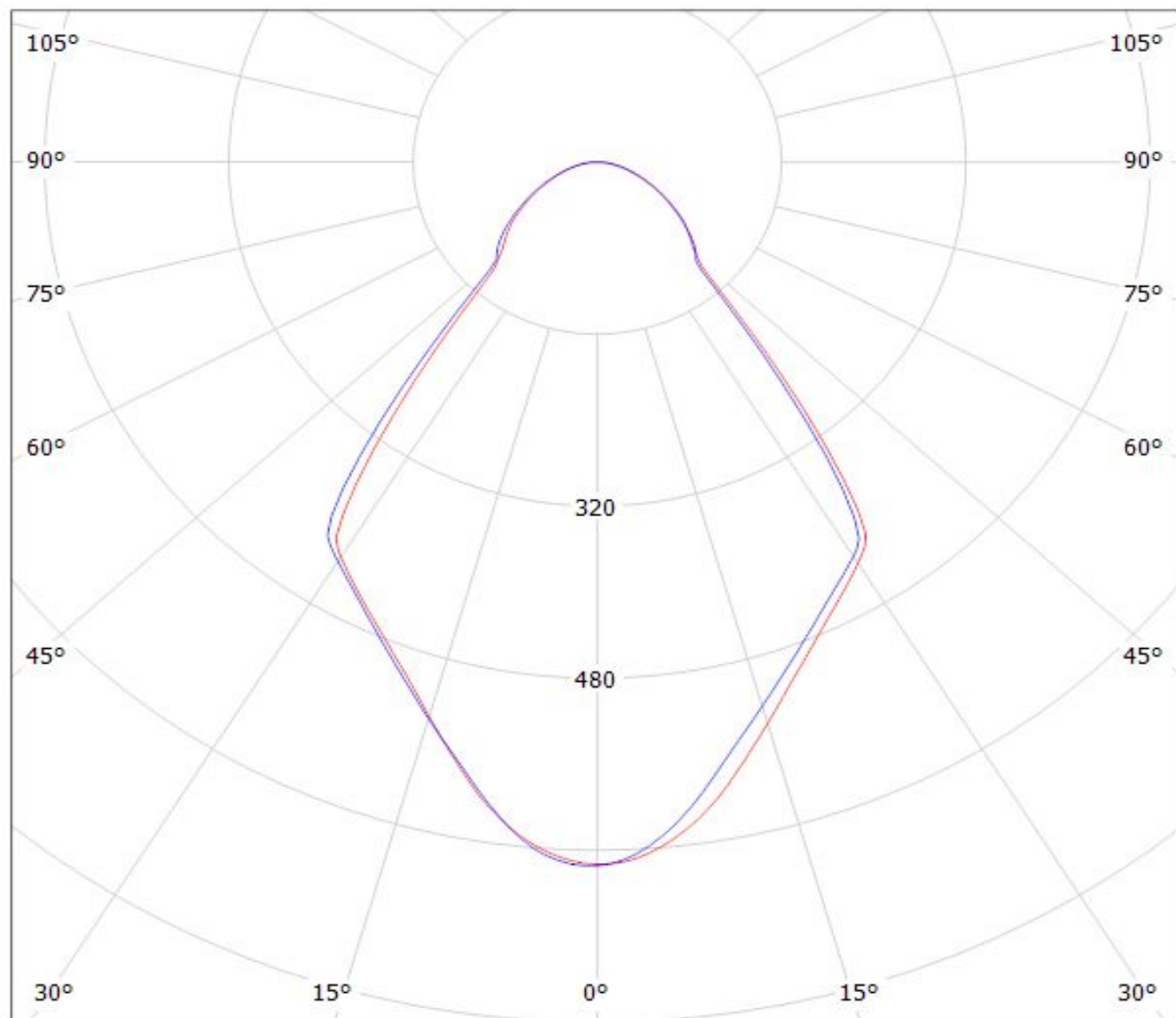
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Lamps: 1 x Nichia COB204 676lm @ 250mA



cd/klm

— C0 - C180    — C90 - C270

Luminaire: LEDIL OY CN12968\_LENINA-XW Eff.91,8%  
Lamps: 1 x COB204 (606.45lm@250mA)



cd/klm

— C0 - C180 — C90 - C270

$\eta = 92\%$