

**Ordering number CN13196_LENINA-S**

Family	Lenina	FWHM	14 degrees
Type	Assembly	Efficiency	88 %
LED	CXA15	cd/lm	6.700
Color	Metal	Gerber File	Available
Diameter	74 mm		
Height	46.95 mm		
Style	Round		
Optic Material	PC		
Holder Material	PC		
Fastening	Screw, socket		
Status	Ready		

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

**Ordering number CN13199_LENINA-S-DL**

Family	Lenina	FWHM	16 degrees
Type	Assembly	Efficiency	81 %
LED	CXA15	cd/lm	5.100
Color	Metal	Gerber File	Available
Diameter	74 mm		
Height	49 mm		
Style	Round		
Optic Material	PC		
Holder Material	PC		
Fastening	Socket, screw		
Status	Ready		

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

**Ordering number CN13197_LENINA-M**

Family	Lenina	FWHM	22 degrees
Type	Assembly	Efficiency	87 %
LED	CXA15	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	Socket		
Status	Ready		

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

**Ordering number CN13200_LENINA-M-DL**

Family	Lenina	FWHM	24 degrees
Type	Assembly	Efficiency	80 %
LED	CXA15	cd/lm	2.500
Color	Metal	Gerber File	Available
Diameter	74 mm		
Height	49 mm		
Style	Round		
Optic Material	PC		
Holder Material	PC		
Fastening	Socket, screw		
Status	Ready		

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

**Ordering number CN13198_LENINA-W**

Family	Lenina	FWHM	40 degrees
Type	Assembly	Efficiency	87 %
LED	CXA15	cd/lm	1.400
Color	Metal	Gerber File	Available
Diameter	74 mm		
Height	46.95 mm		
Style	Round		
Optic Material	PC		
Holder Material	PC		
Fastening	Socket		
Status	Ready		

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

**Ordering number CN13201_LENINA-W-DL**

Family	Lenina	FWHM	43 degrees
Type	Assembly	Efficiency	80 %
LED	CXA15	cd/lm	1.200
Color	Metal	Gerber File	Available
Diameter	74 mm		
Height	49 mm		
Style	Round		
Optic Material	PC		
Holder Material	PC		
Fastening	Socket, screw		
Status	Ready		

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

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 8/3/2013

GENERAL INFORMATION

- Product series especially designed & optimized for CXA15 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 (110 degrees of Celcius / 230 degrees of Fahrenheit).
- Optic holder molded by high quality PC material (120 dergees of Celcius / 248 degrees of Fahrenheit).

D

C

B

A

4

4

Lens material:
PC, clear

40

h2

3

3

Base material PC, white

Reflector material PC
Metal plated with clear lacquer

2

2

Ø74

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

1

1

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)

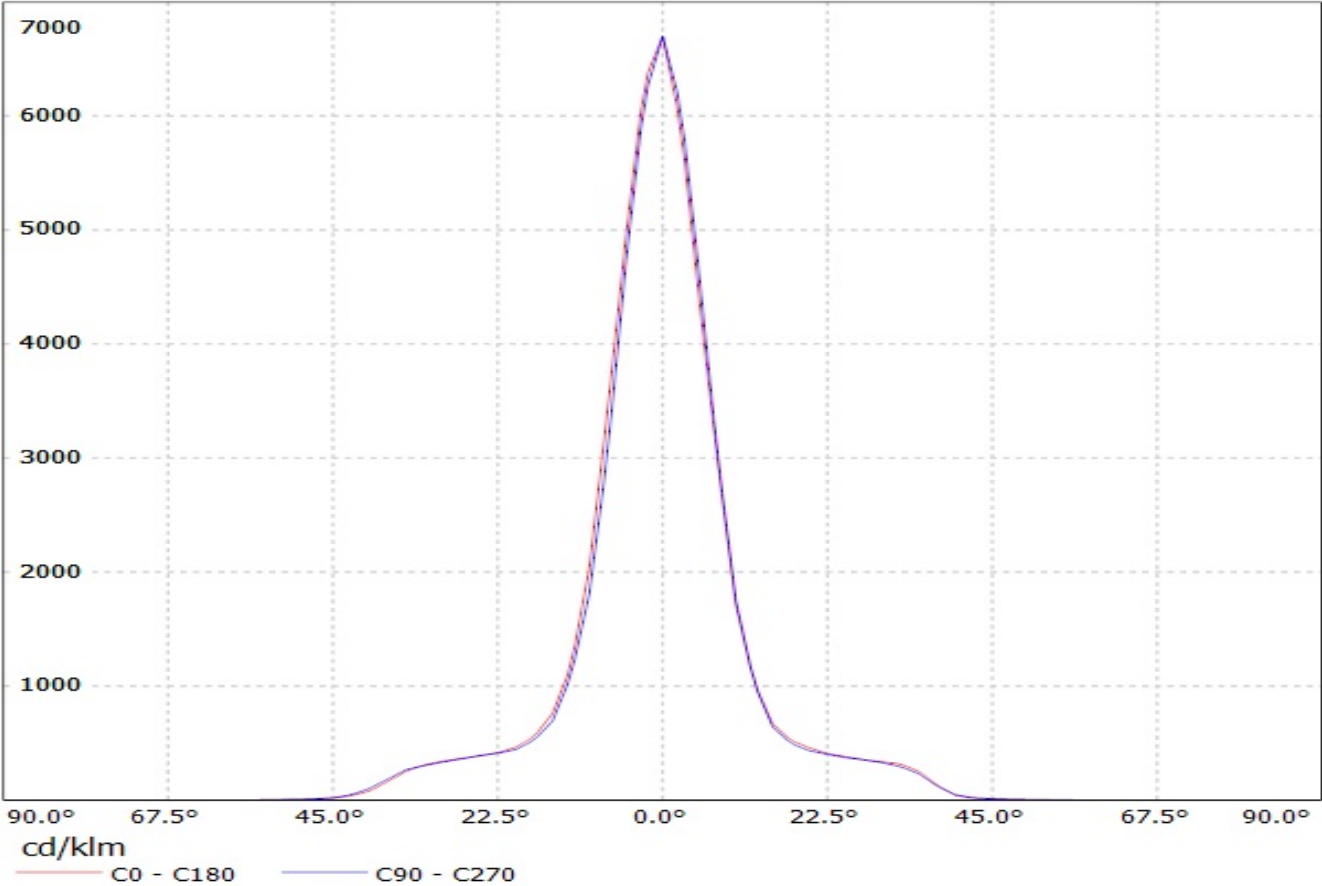
SHEET 1/1

D

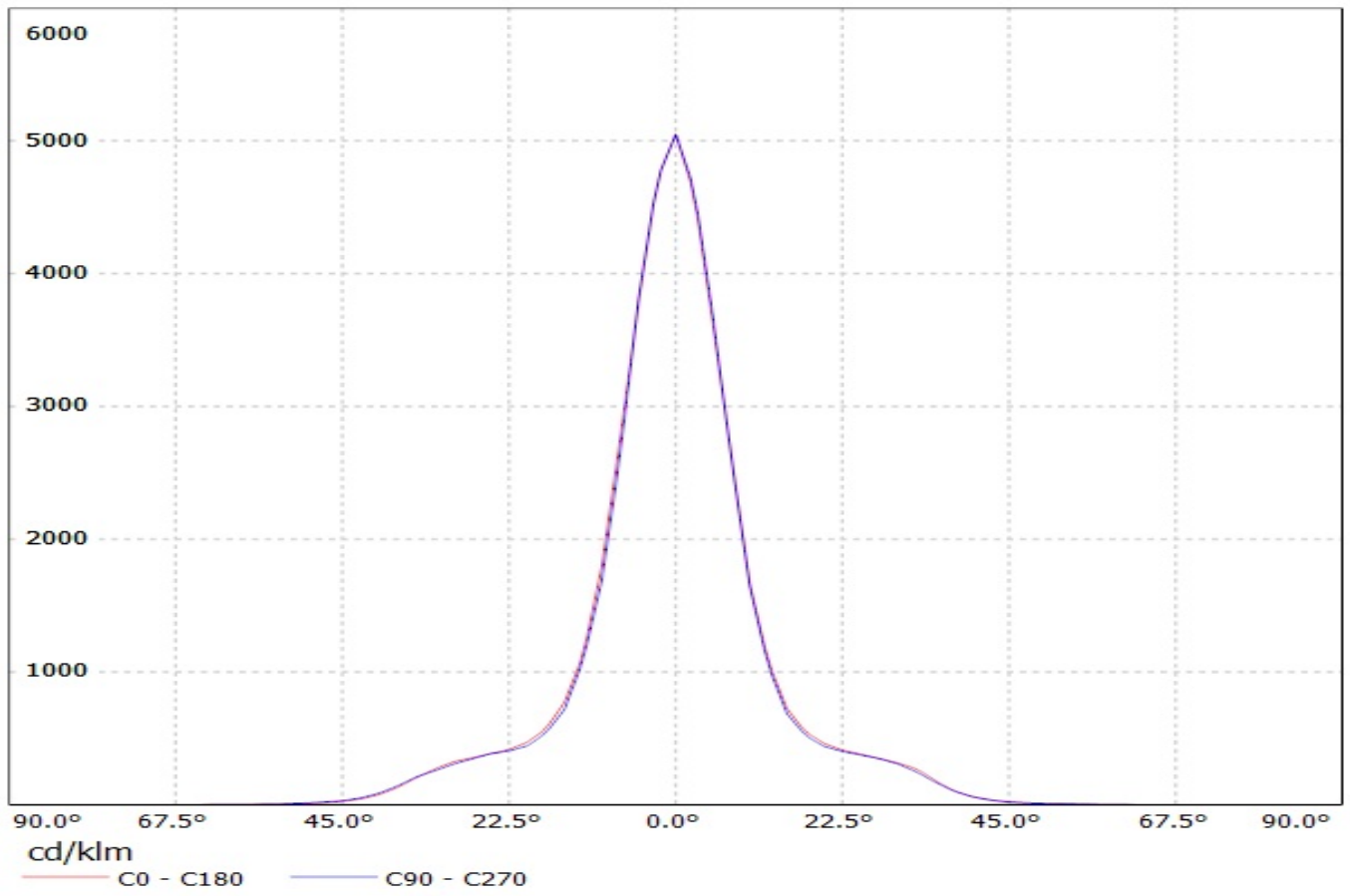
A

Luminaire: Ledil Oy CN13196_LENINA-S (Cree CXA15 212lm @ 250mA) Efficiency=88%

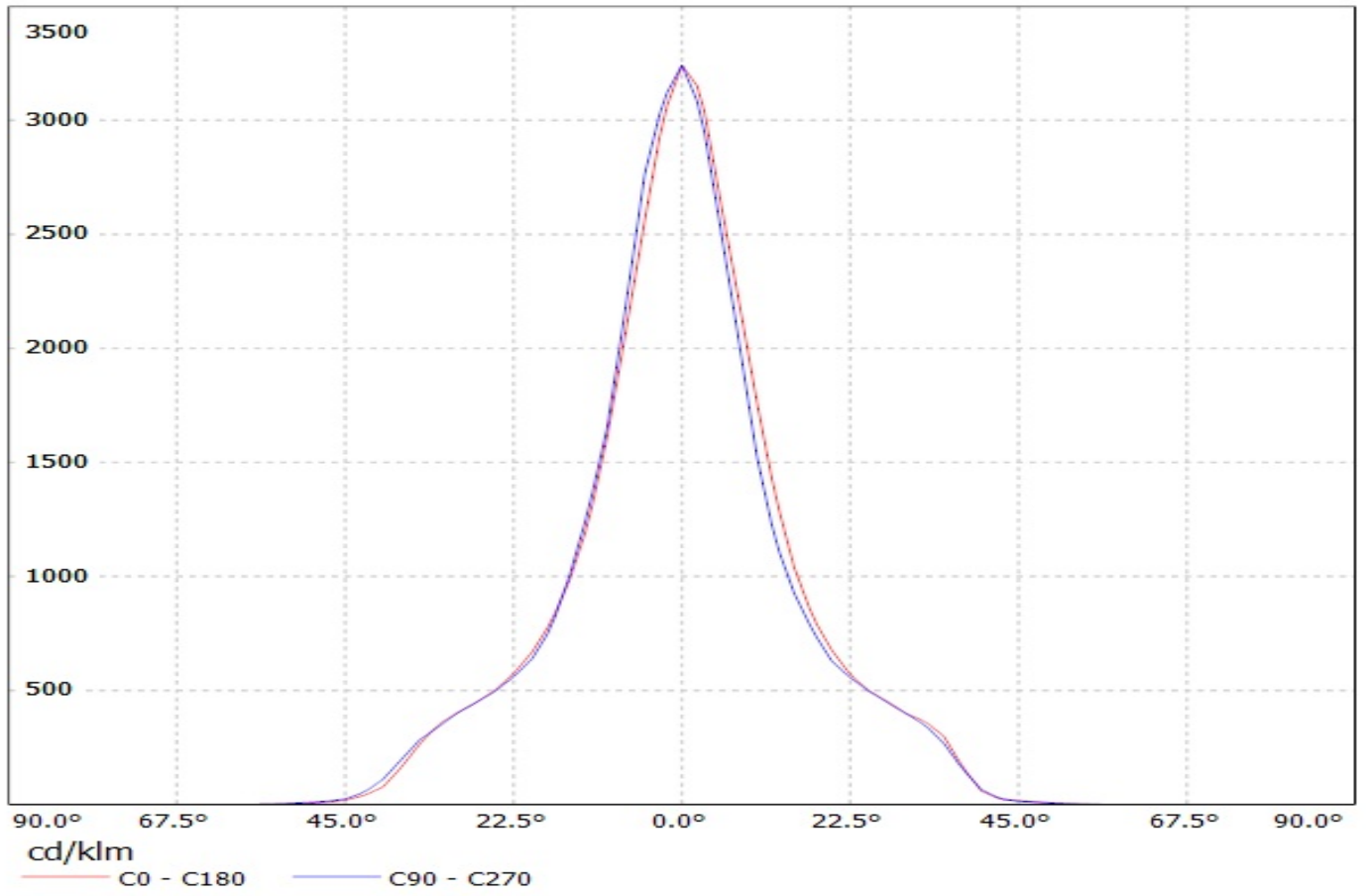
Lamps: 1 x Cree CXA15 212lm @ 250mA



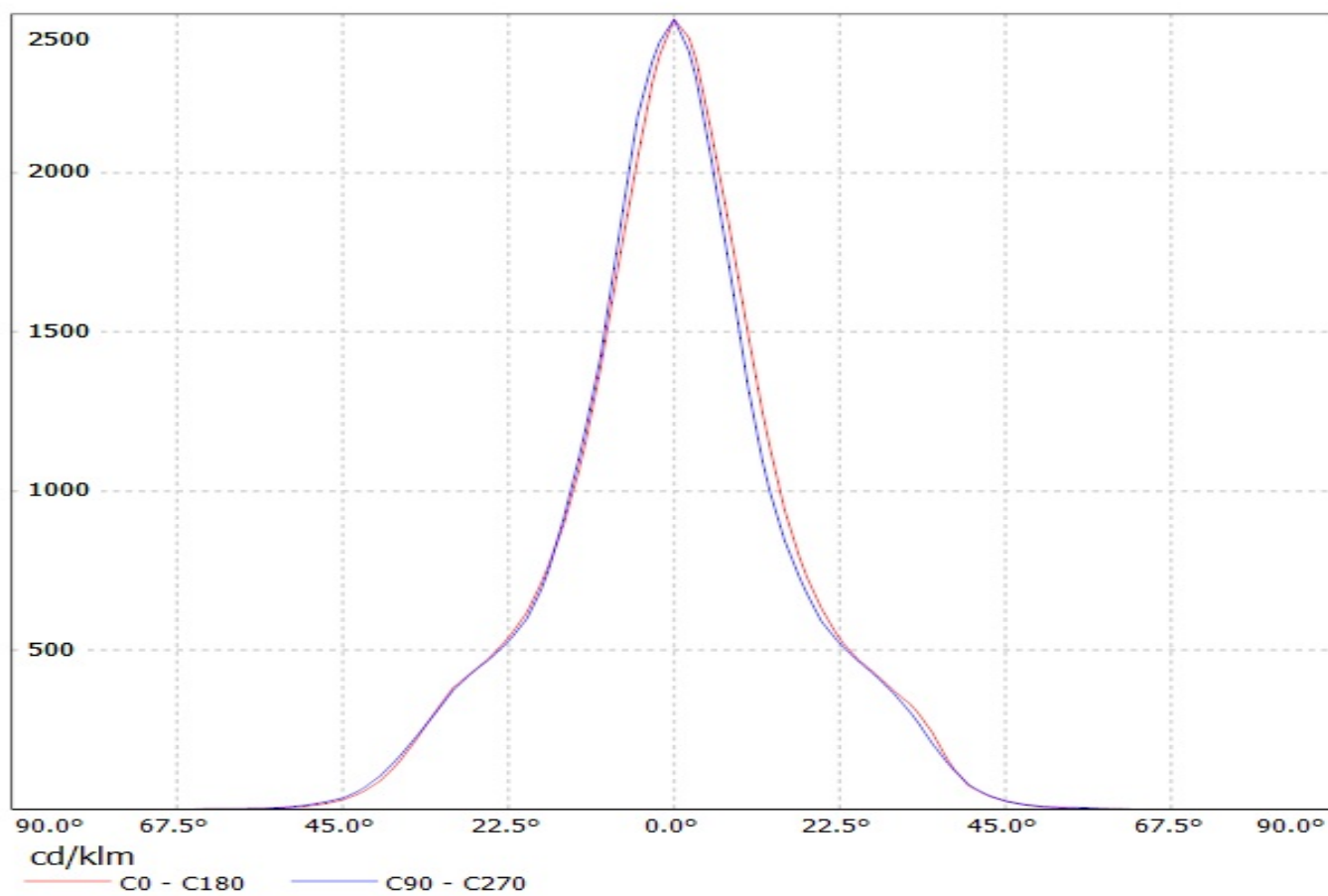
Luminaire: Ledil Oy CN13199_LENINA-S-DL (Cree CXA15 212lm @ 250mA) Efficiency=81%
Lamps: 1 x Cree CXA15 212lm @ 250mA



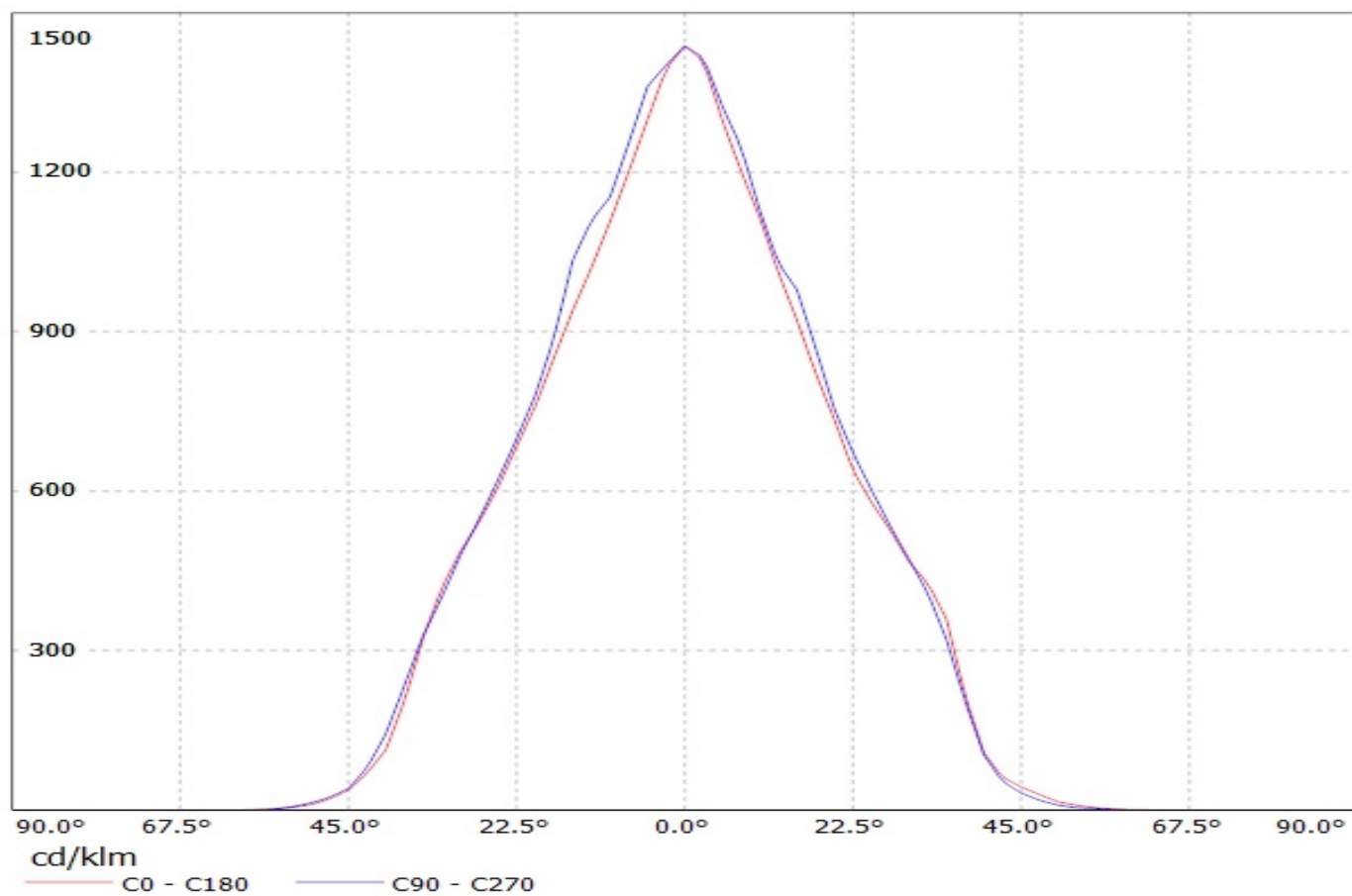
Luminaire: Ledil Oy CN13197_LENINA-M (Cree CXA15 212lm @ 250mA) Efficiency=87%
Lamps: 1 x Cree CXA15 212lm @ 250mA



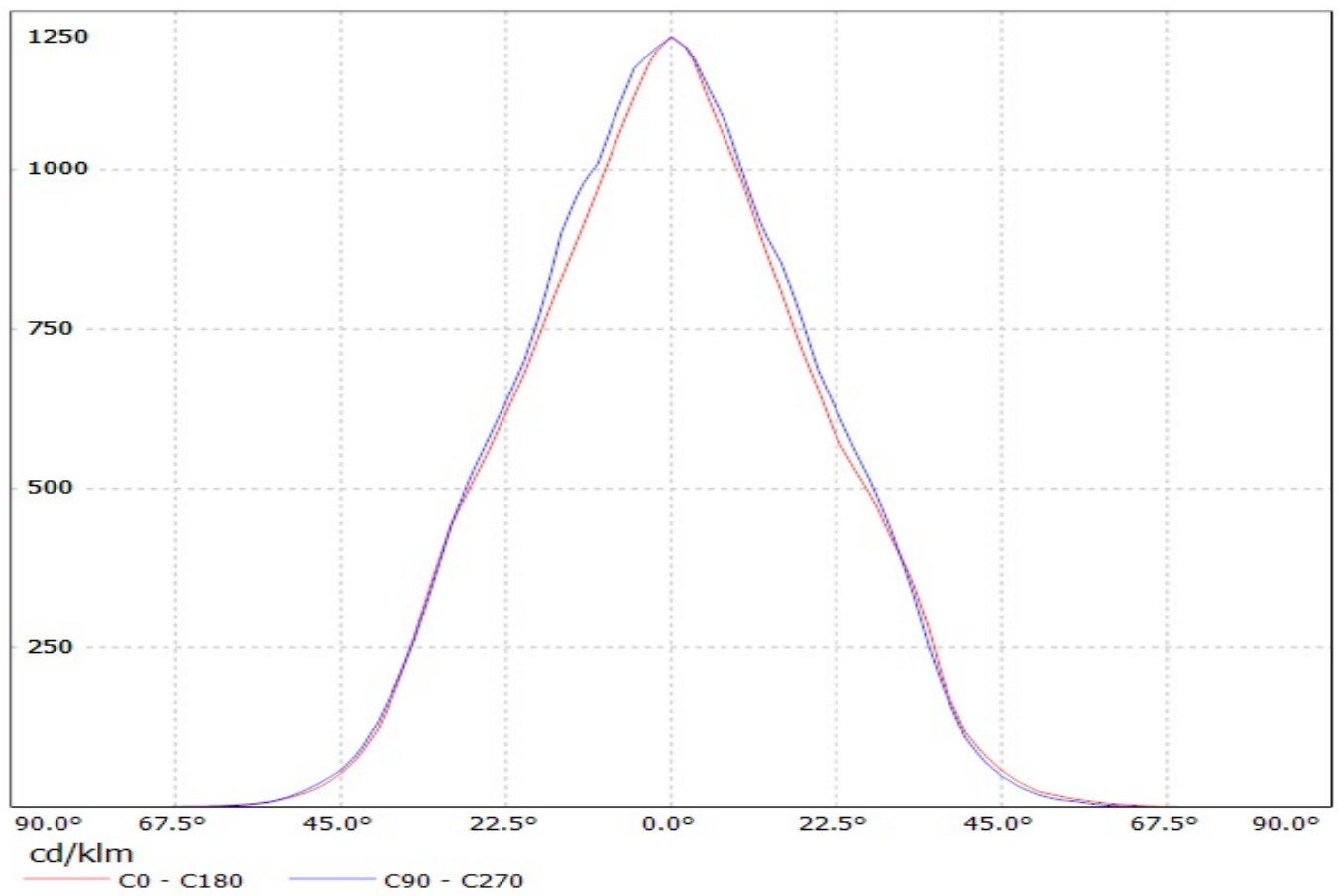
Luminaire: Ledil Oy CN13200_LENINA-M-DL (Cree CXA15 212lm @ 250mA) Efficiency=80%
Lamps: 1 x Cree CXA15 212lm @ 250mA



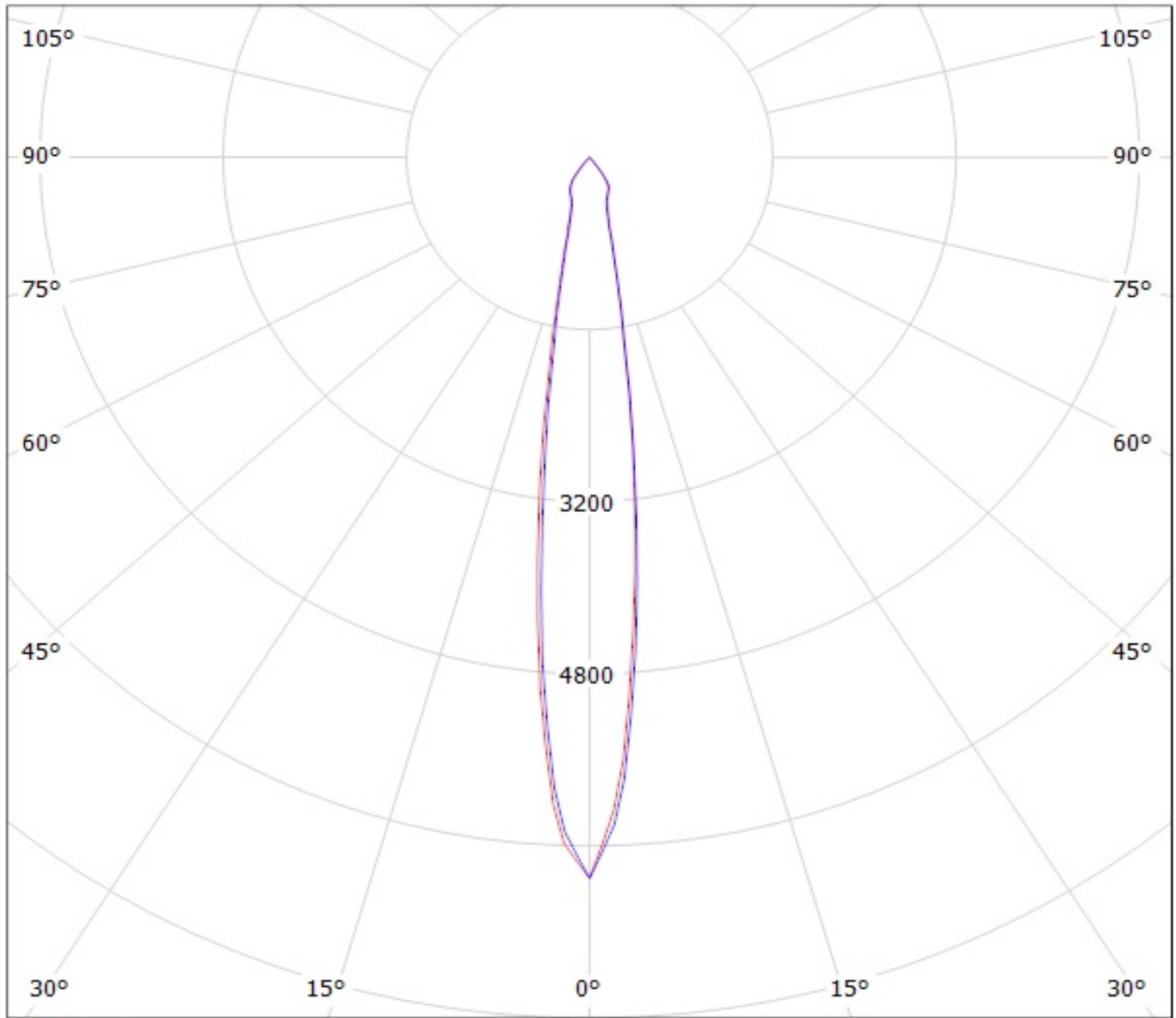
Luminaire: Ledil Oy CN13198_LENINA-W (Cree CXA15 212lm @ 250mA) Efficiency=87%
Lamps: 1 x Cree CXA15 212lm @ 250mA



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Lamps: 1 x Cree CXA15 212lm @ 250mA



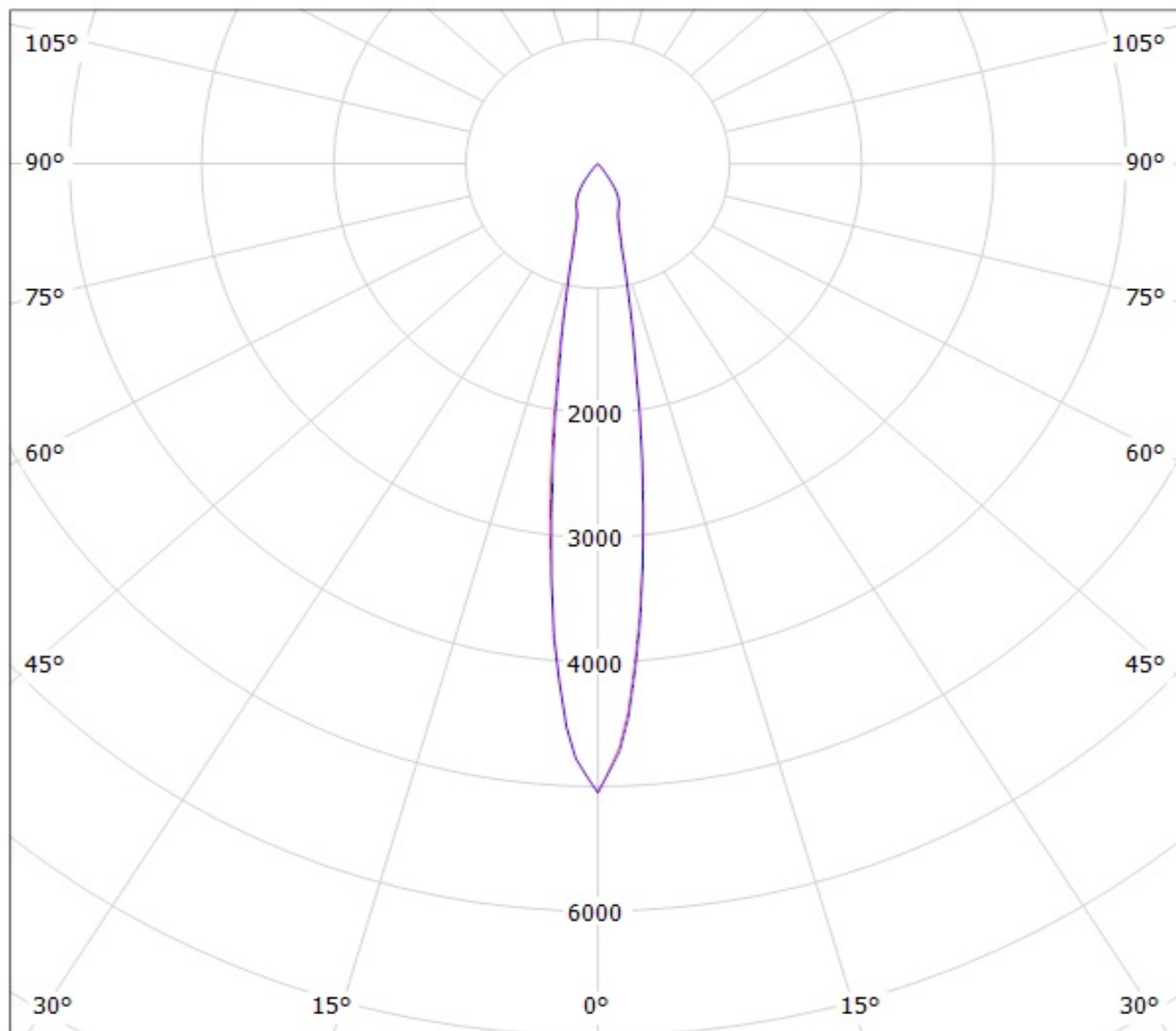
Luminaire: Ledil Oy CN13196_LENINA-S (Cree CXA15 212lm @ 250mA) Efficiency=88%
Lamps: 1 x Cree CXA15 212lm @ 250mA



cd/klm

— C0 - C180 — C90 - C270

Luminaire: Ledil Oy CN13199_LENINA-S-DL (Cree CXA15 212lm @ 250mA) Efficiency=81%
Lamps: 1 x Cree CXA15 212lm @ 250mA

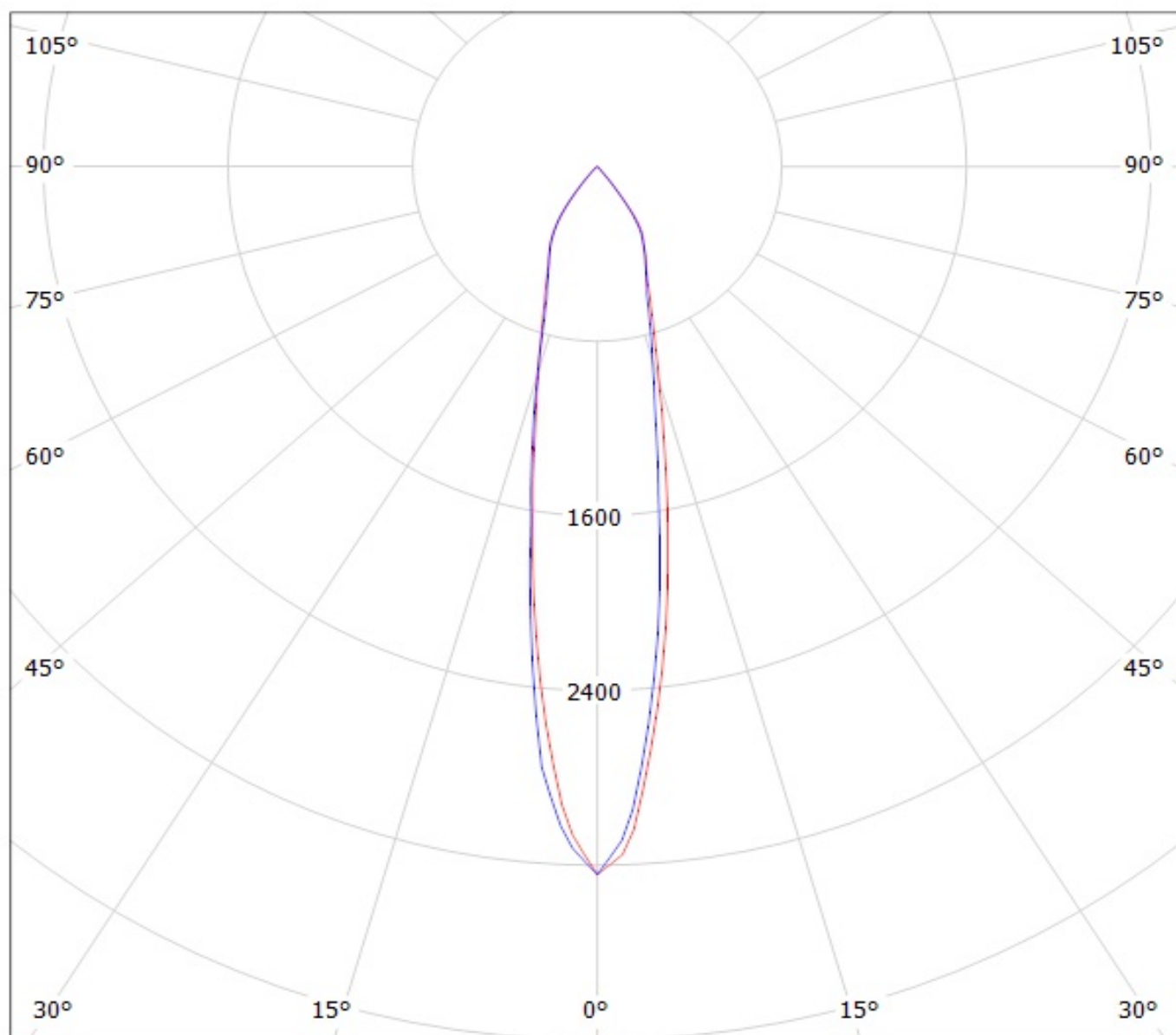


cd/klm

— C0 - C180

— C90 - C270

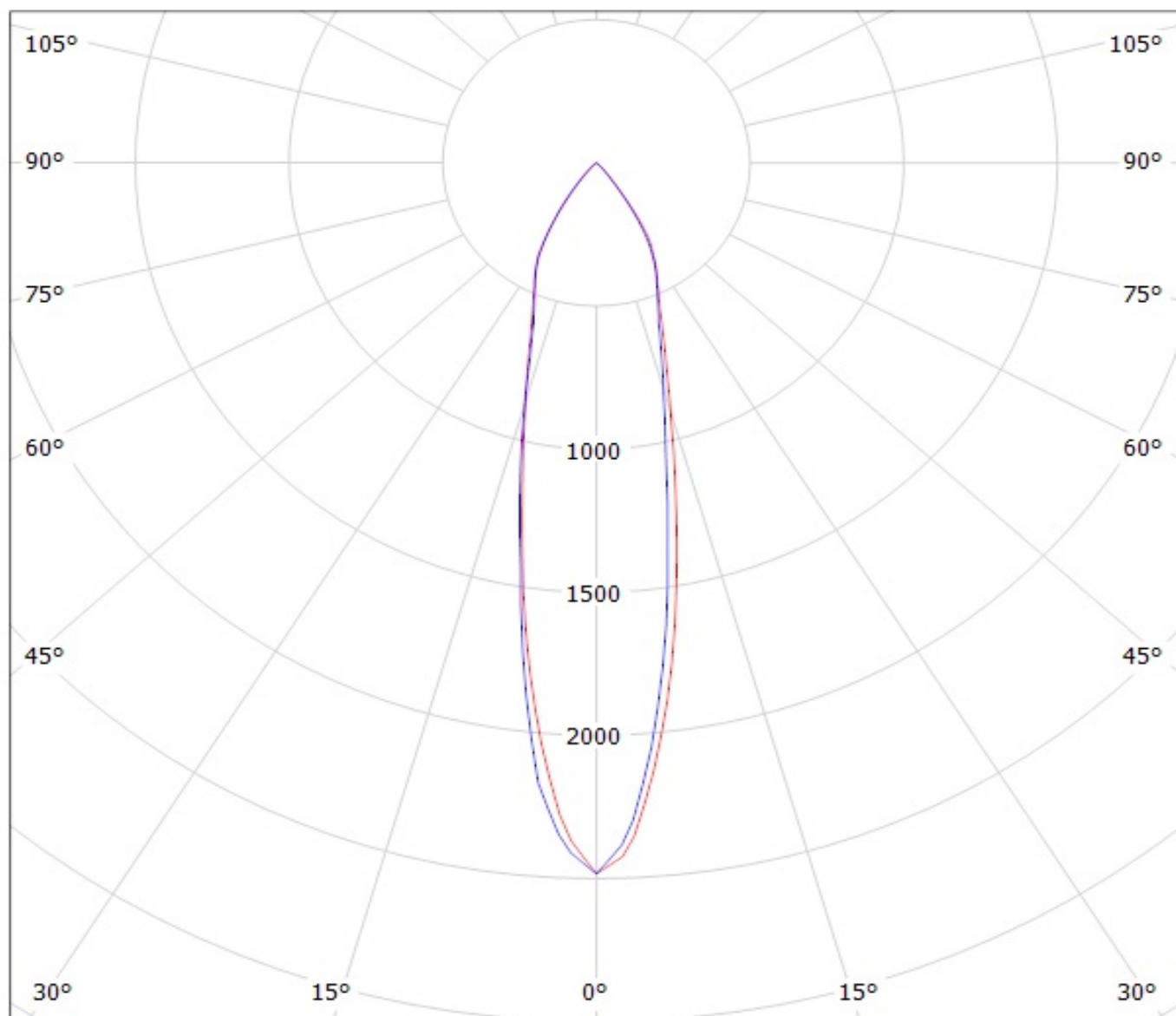
Luminaire: Ledil Oy CN13197_LENINA-M (Cree CXA15 212lm @ 250mA) Efficiency=87%
Lamps: 1 x Cree CXA15 212lm @ 250mA



cd/klm

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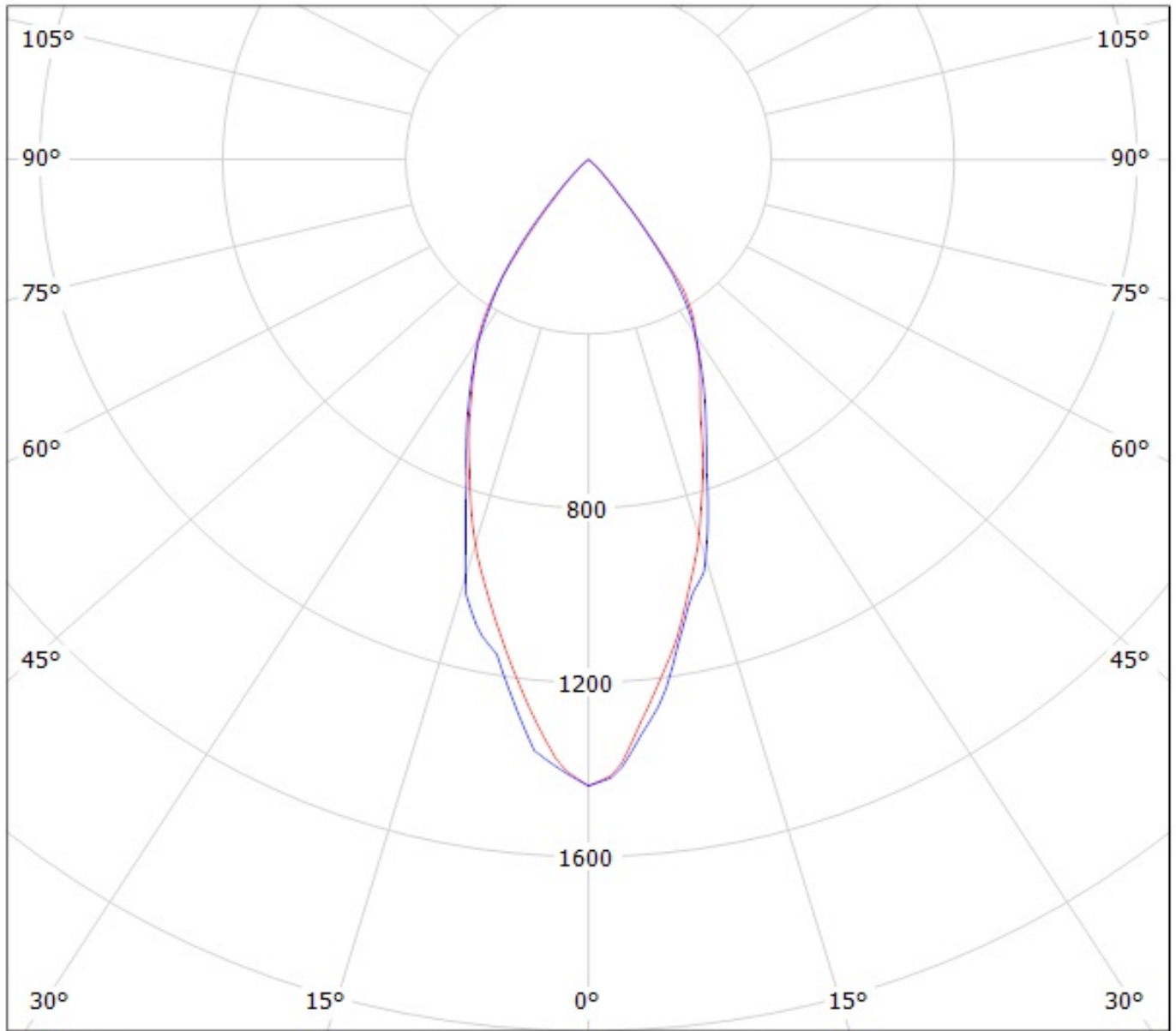


cd/klm

— C0 - C180

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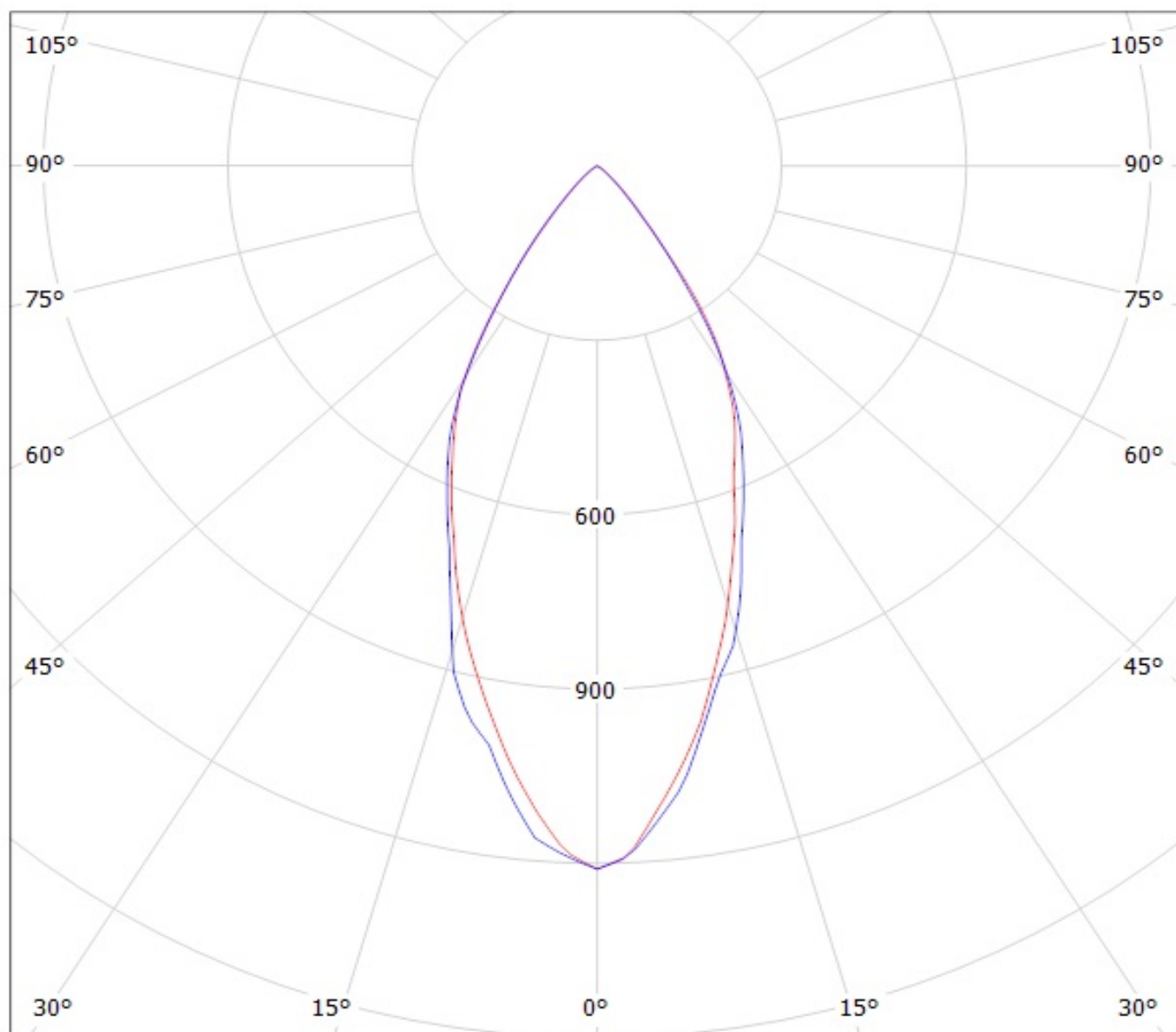


cd/klm

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cd/klm

— C0 - C180

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