

**Ordering number** CN12932_LENINA-S

Family	Lenina	FWHM	16 degrees
Type	Pack	Efficiency	89 %
LED	LUXEON K12	cd/Im	4.800
Color	Metal	Gerber File	Available
Diameter	74 mm		
Height	46.5 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** CN12935_LENINA-S-DL

Family	Lenina	FWHM	17.5 degrees
Type	Pack	Efficiency	83 %
LED	LUXEON K12	cd/Im	3.700
Color	Metal	Gerber File	Available
Diameter	74 mm		
Height	48.6 mm		
Style	Round		
Optic Material	PC		
Holder Material	PC		
Fastening	Socket, screw		
Status	Ready		

**Ordering number** CN12933_LENINA-M

Family	Lenina	FWHM	28 degrees
Type	Pack	Efficiency	89 %
LED	LUXEON K12	cd/Im	2.300
Color	Metal	Gerber File	Available
Diameter	74 mm		
Height	46.5 mm		
Style	Round		
Optic Material	PC		
Holder Material	PC		
Fastening	Socket, screw		
Status	Ready		

**Ordering number** CN12936_LENINA-M-DL

Family	Lenina	FWHM	30 degrees
Type	Pack	Efficiency	83 %
LED	LUXEON K12	cd/Im	1.900
Color	Metal	Gerber File	Available
Diameter	74 mm		
Height	48.6 mm		
Style	Round		
Optic Material	PC		
Holder Material	PC		
Fastening	-		
Status	Ready		

**Ordering number** CN12934_LENINA-W

Family	Lenina	FWHM	54 degrees
Type	Pack	Efficiency	88 %
LED	LUXEON K12	cd/Im	1.100
Color	Metal	Gerber File	Available
Diameter	74 mm		
Height	46.5 mm		
Style	Round		
Optic Material	PC		
Holder Material	PC		
Fastening	Socket, screw		
Status	Ready		

**Ordering number** CN12937_LENINA-W-DL

Family	Lenina	FWHM	57 degrees
Type	Pack	Efficiency	83 %
LED	LUXEON K12	cd/Im	1.000
Color	Metal	Gerber File	Available
Diameter	74 mm		
Height	48.6 mm		
Style	Round		
Optic Material	PC		
Holder Material	PC		
Fastening	Socket, screw		
Status	Ready		

**Ordering number** CN12977_LENINA-XW-DL

Family	Lenina	FWHM	68 degrees
Type	Pack	Efficiency	83 %
LED	LUXEON K12	cd/Im	0.600
Color	White	Gerber File	Available
Diameter	74 mm		
Height	48.6 mm		
Style	Round		
Optic Material	PC		
Holder Material	PC		
Fastening	Socket, screw, socket		
Status	Ready		

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

**Ordering number** CN12966_LENINA-XW

Family	Lenina	FWHM	72 degrees
Type	Pack	Efficiency	90 %
LED	LUXEON K12	cd/Im	0.700
Color	White	Gerber File	Available
Diameter	74 mm		
Height	46.5 mm		
Style	Round		
Optic Material	PC		
Holder Material	PC		
Fastening	Socket, screw, socket		
Status	Ready		

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



PRODUCT DATASHEET
Lenina series
last update 30/10/2012

PHILIPS
LUMILEDS

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 30/10/2012

PHILIPS
LUMILEDS

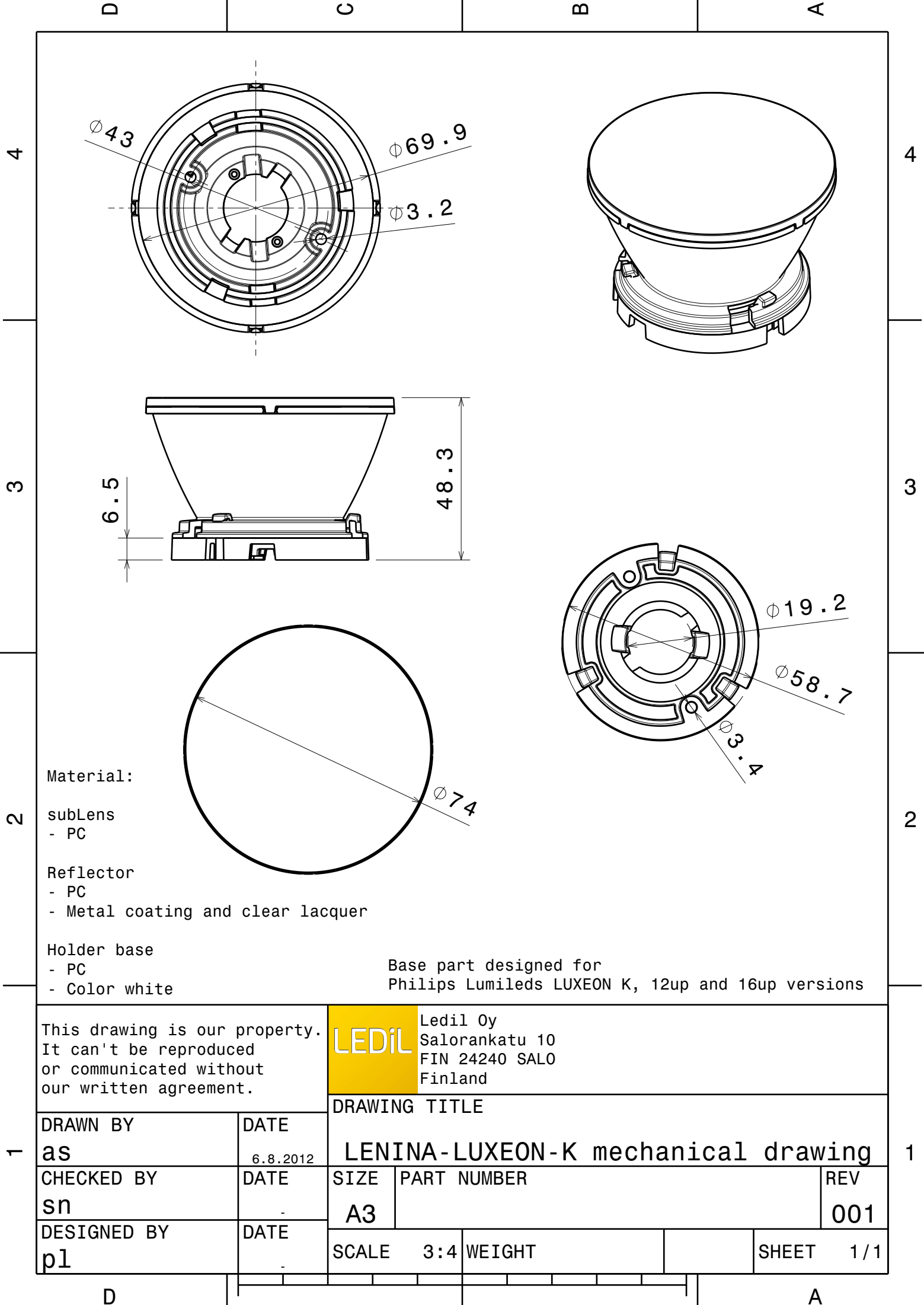
GENERAL INFORMATION

- Product series especially designed & optimized for LUXEON K12 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).



Material:

subLens
- PC

Reflector
- PC
- Metal coating and clear lacquer

Holder base
- PC
- Color white

Base part designed for
Philips Lumileds LUXEON K, 12up and 16up versions

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LEDiL

Ledil Oy
Salorankatu 10
FIN 24240 SALO
Finland

DRAWING TITLE

DRAWN BY
as

DATE
6.8.2012

LENINA-LUXEON-K mechanical drawing

CHECKED BY
sn

DATE
-

SIZE
A3

PART NUMBER

REV
001

DESIGNED BY
pl

DATE
-

SCALE

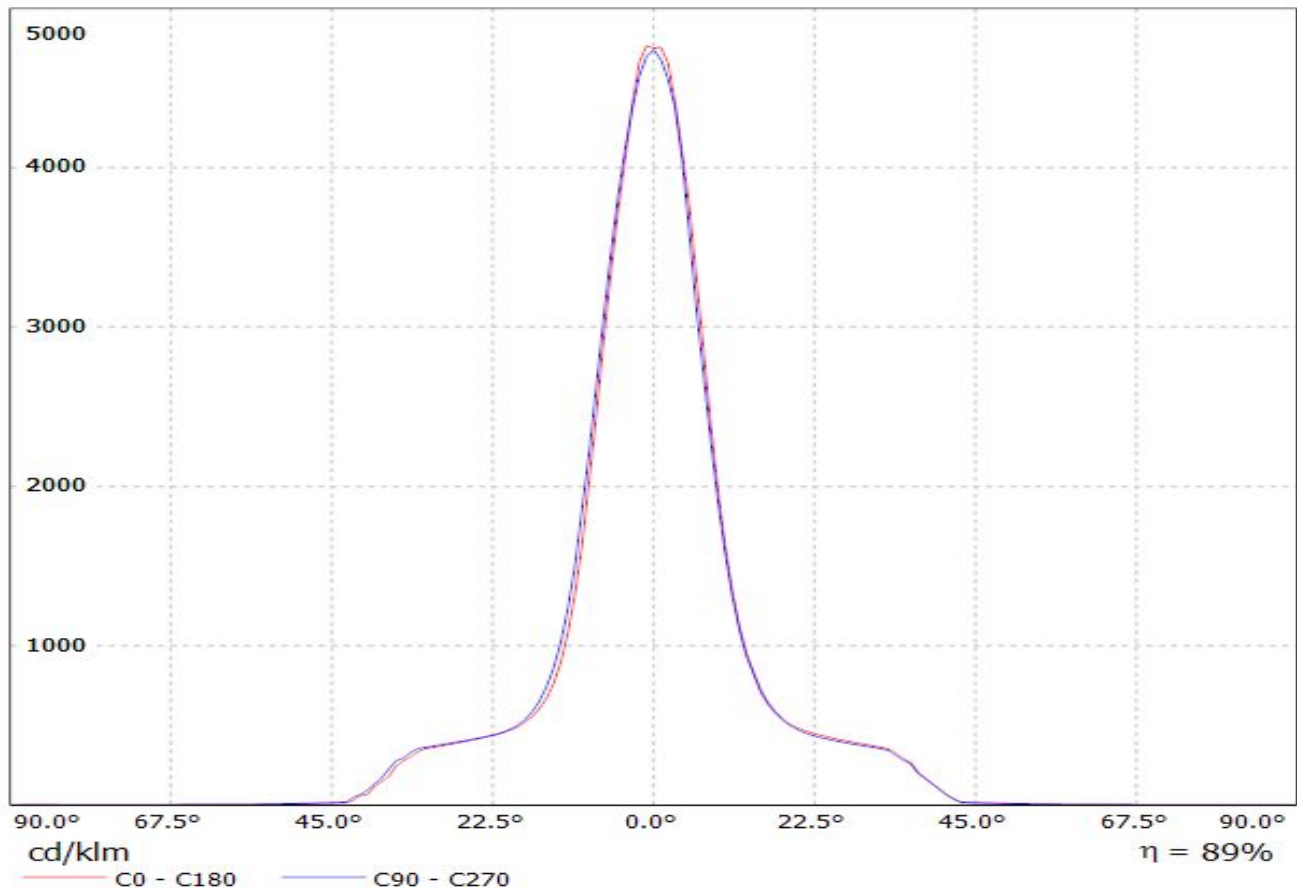
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WEIGHT

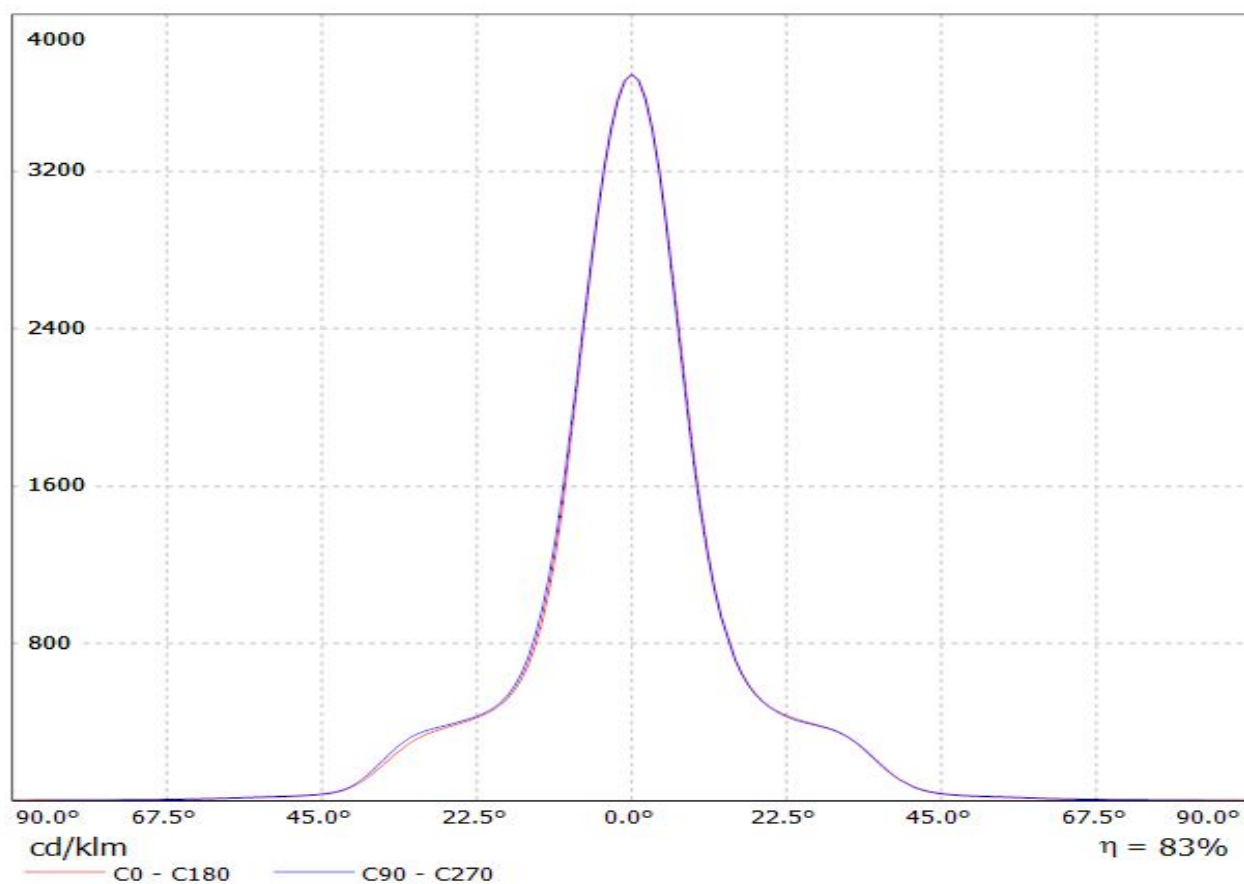
SHEET

1/1

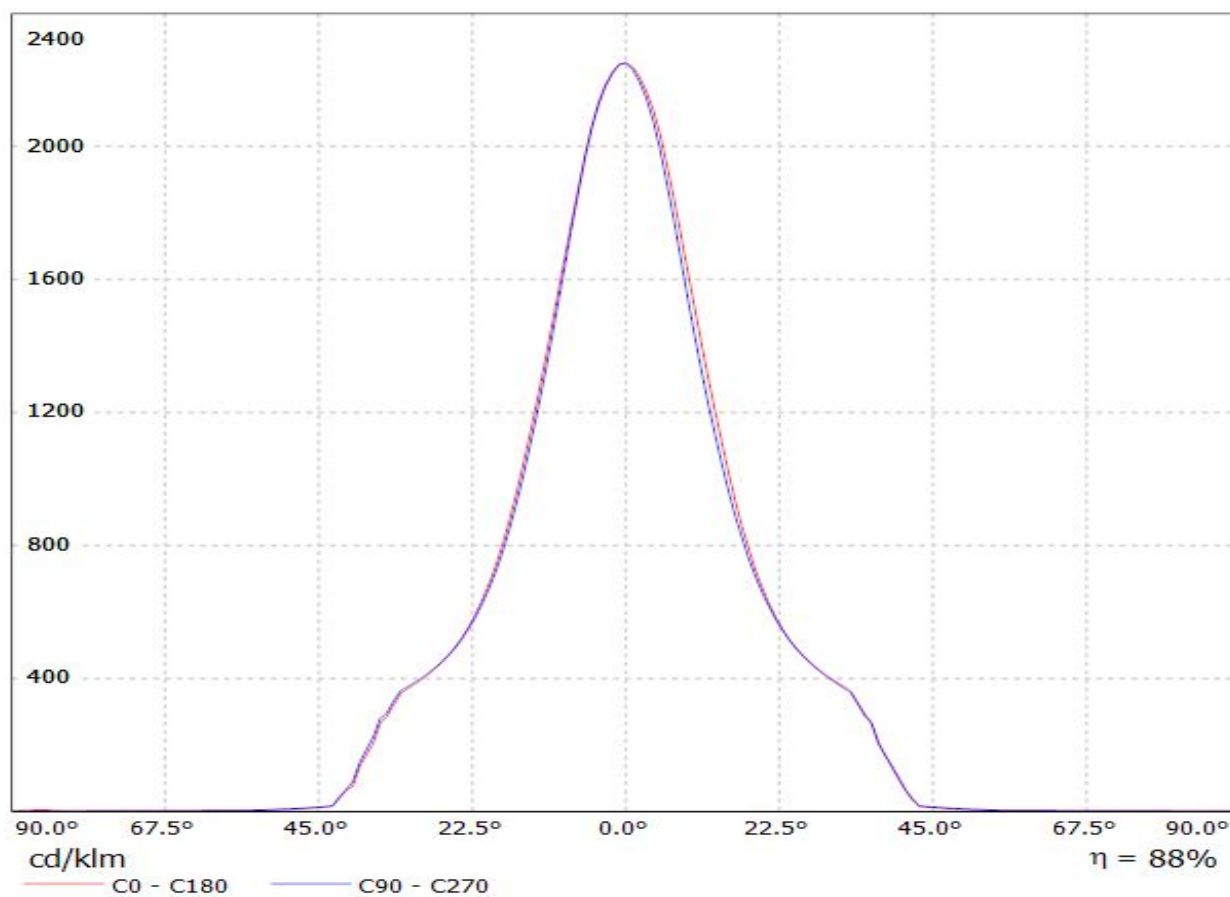
Luminaire: LEDiL Oy CN12932_LENINA-S_(Luxeon-K12) Eff.89.4%
Lamps: 1 x Luxeon-K12 (834.916lm@250mA)



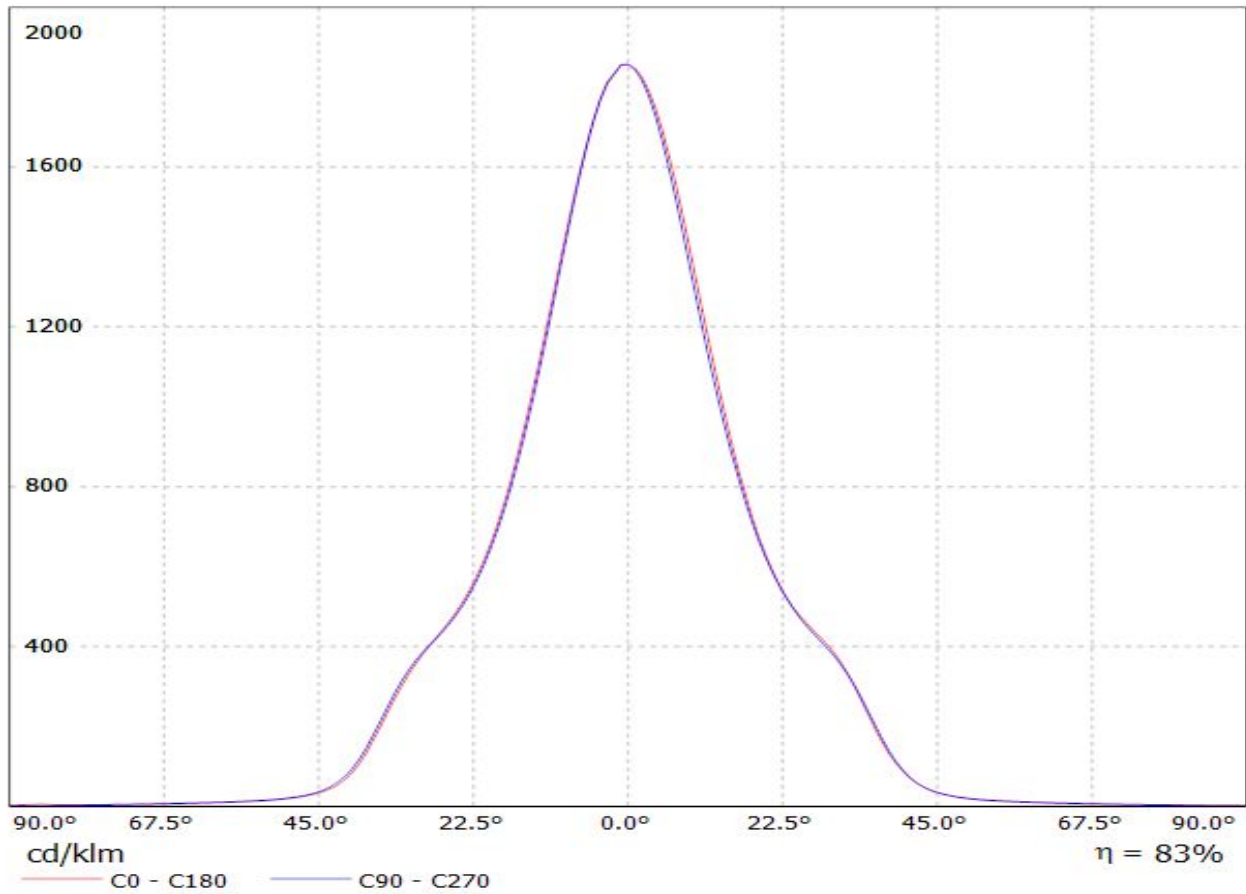
Luminaire: LEDiL Oy CN12935_LENINA-S-DL_(Luxeon-K12) Eff.83.3%
Lamps: 1 x Luxeon-K12 (834.916lm@250mA)



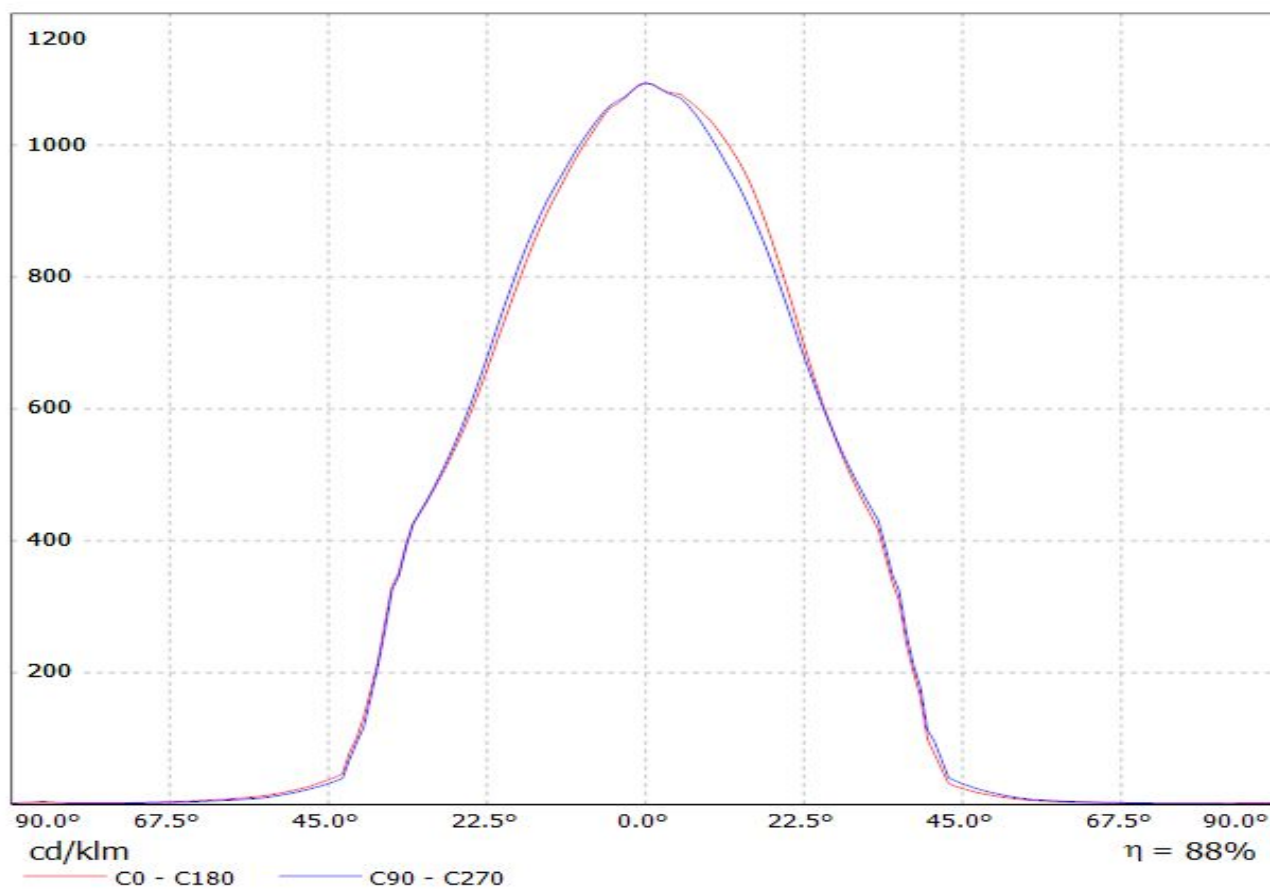
Luminaire: LEDiL Oy CN12933_LENINA-M_(Luxeon-K12) Eff.88.5%
Lamps: 1 x Luxeon-K12 (834.916lm@250mA)



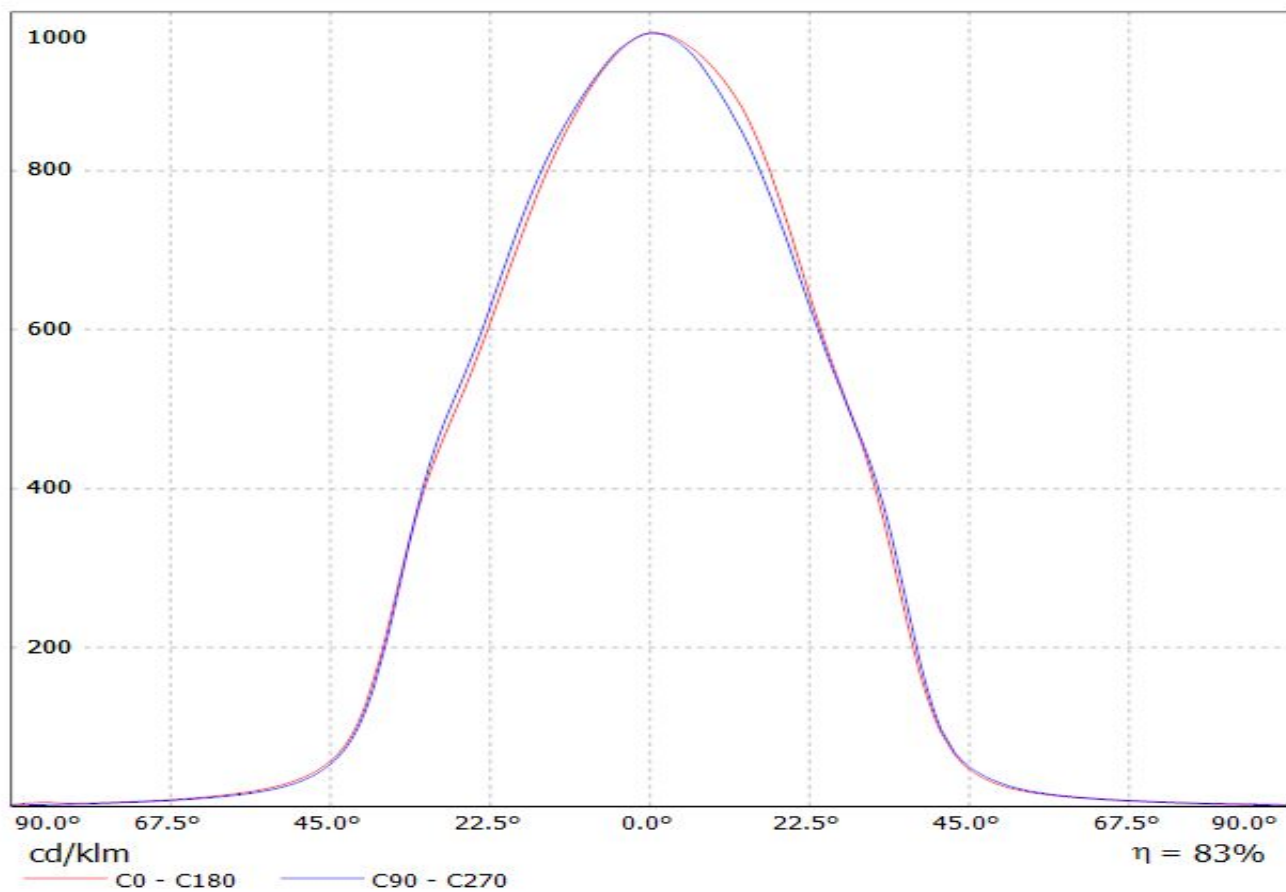
Luminaire: LEDiL Oy CN12936_LENINA-M-DL_(Luxeon-K12) Eff.83.3%
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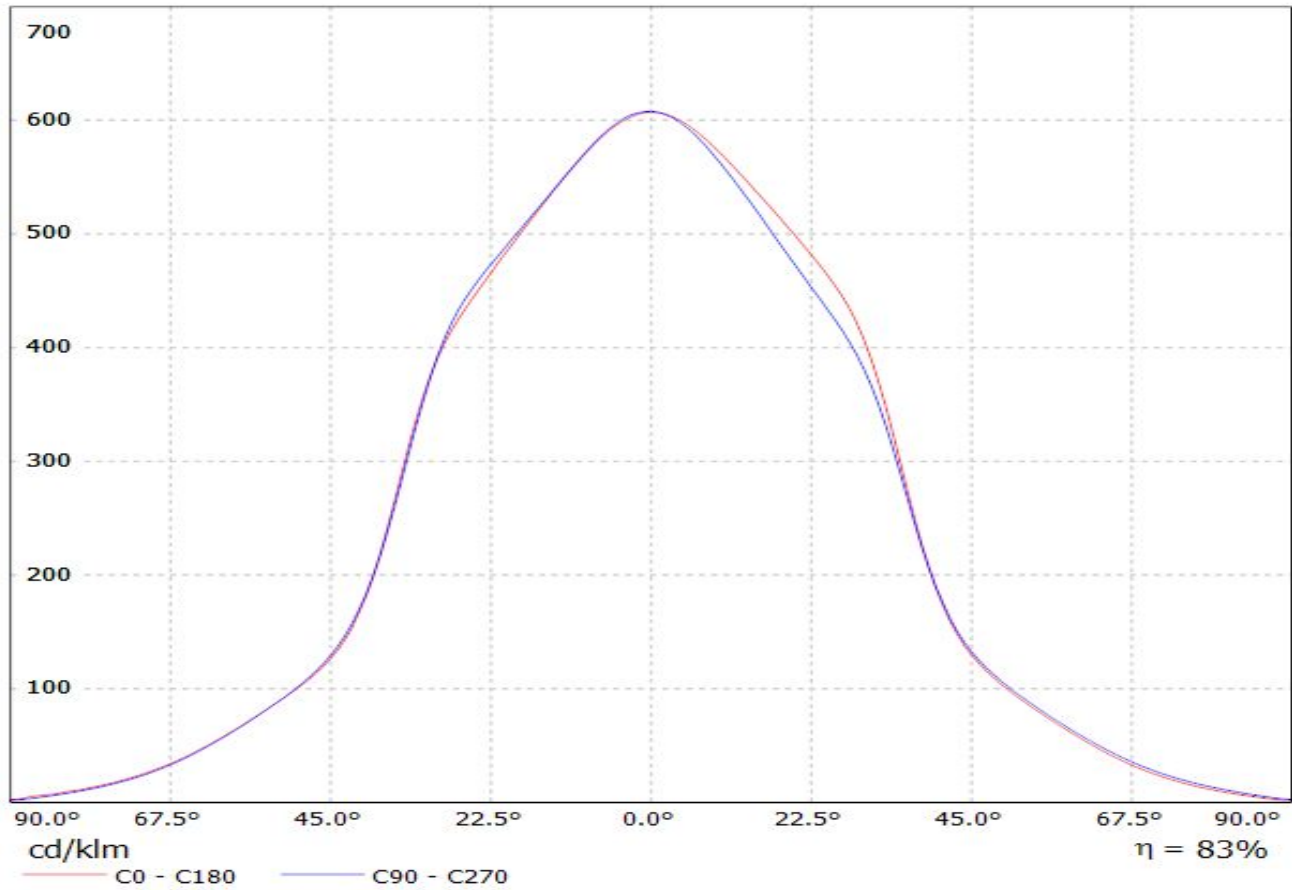
Luminaire: LEDiL Oy CN12934_LENINA-W_(Luxeon-K12) Eff.88.0%
Lamps: 1 x Luxeon-K12 (834.916lm@250mA)



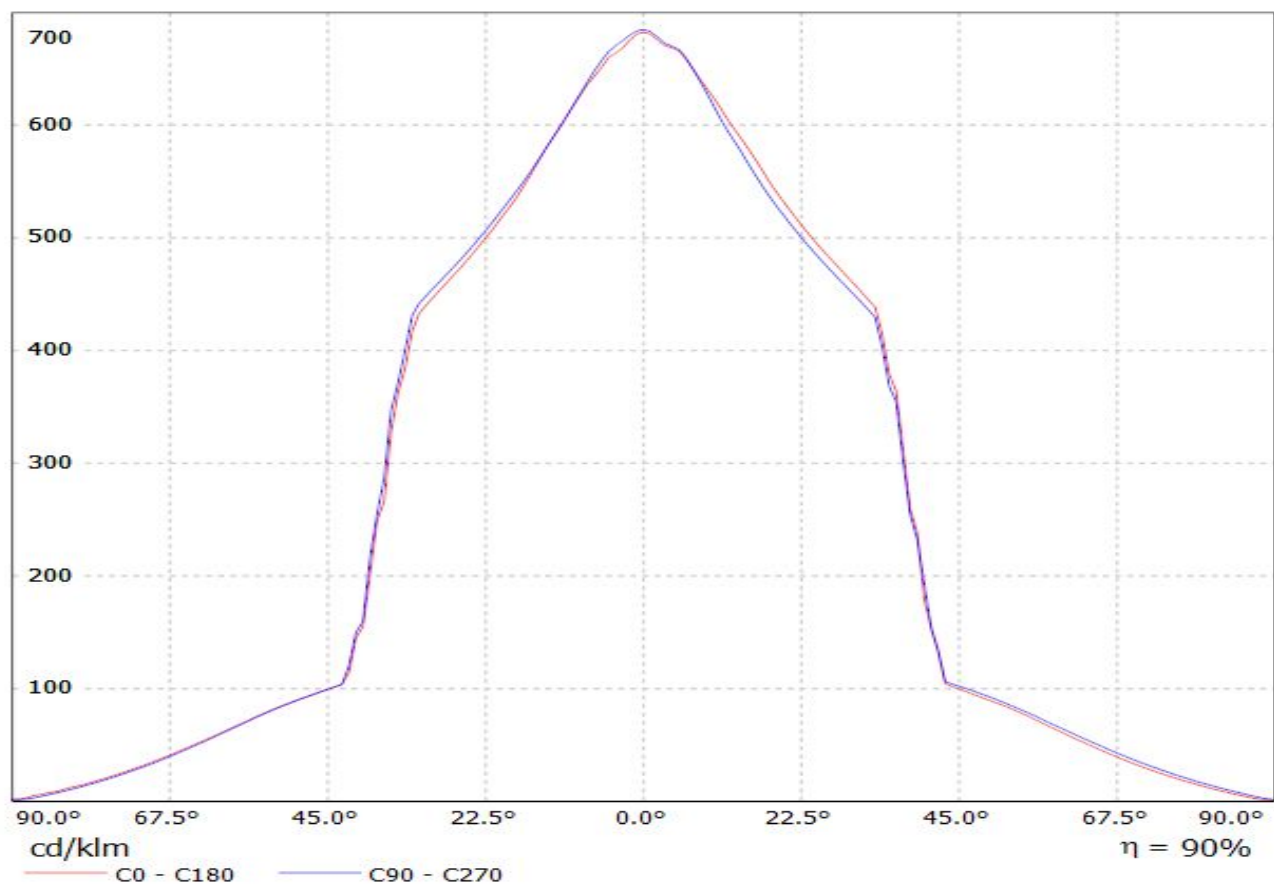
Luminaire: LEDiL Oy CN12937_LENINA-W-DL_(Luxeon-K12) Eff.82.7%
Lamps: 1 x Luxeon-K12 (834.916lm@250mA)



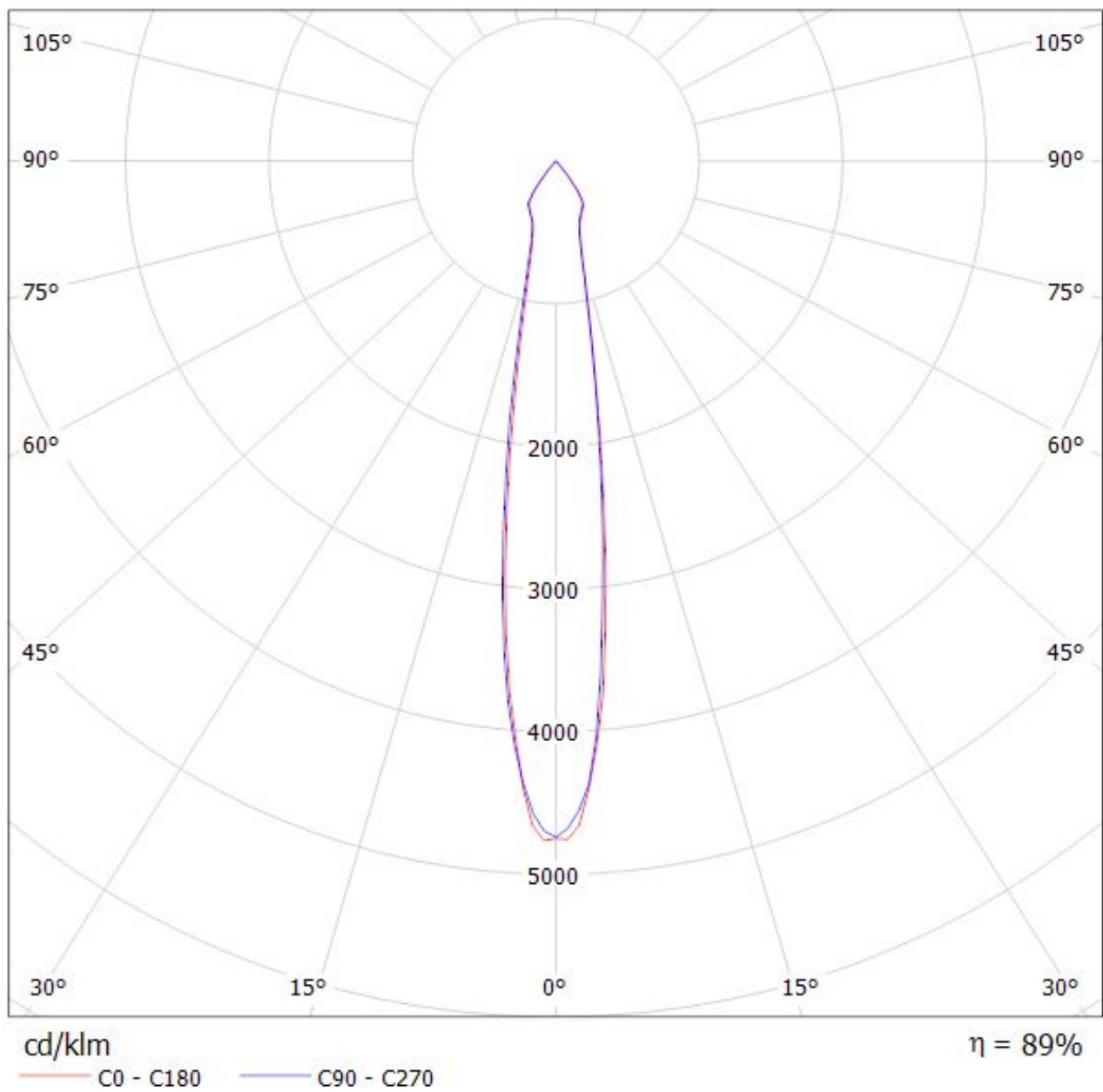
Luminaire: LEDiL Oy CN12977_LENINA-XW-DL_(Luxeon_K12) Eff.82.6%
Lamps: 1 x Luxeon K12 (808.51lm@250mA)



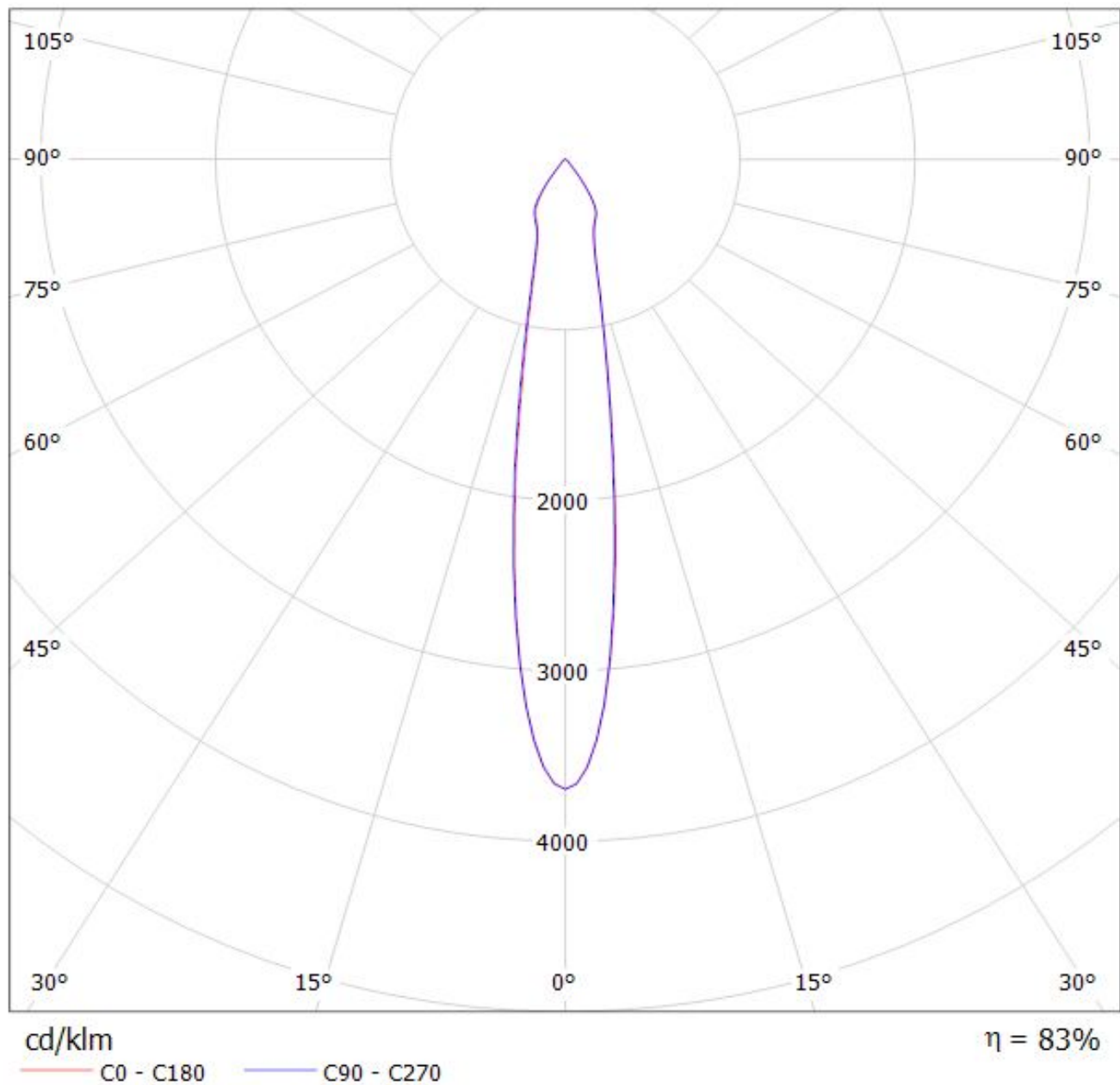
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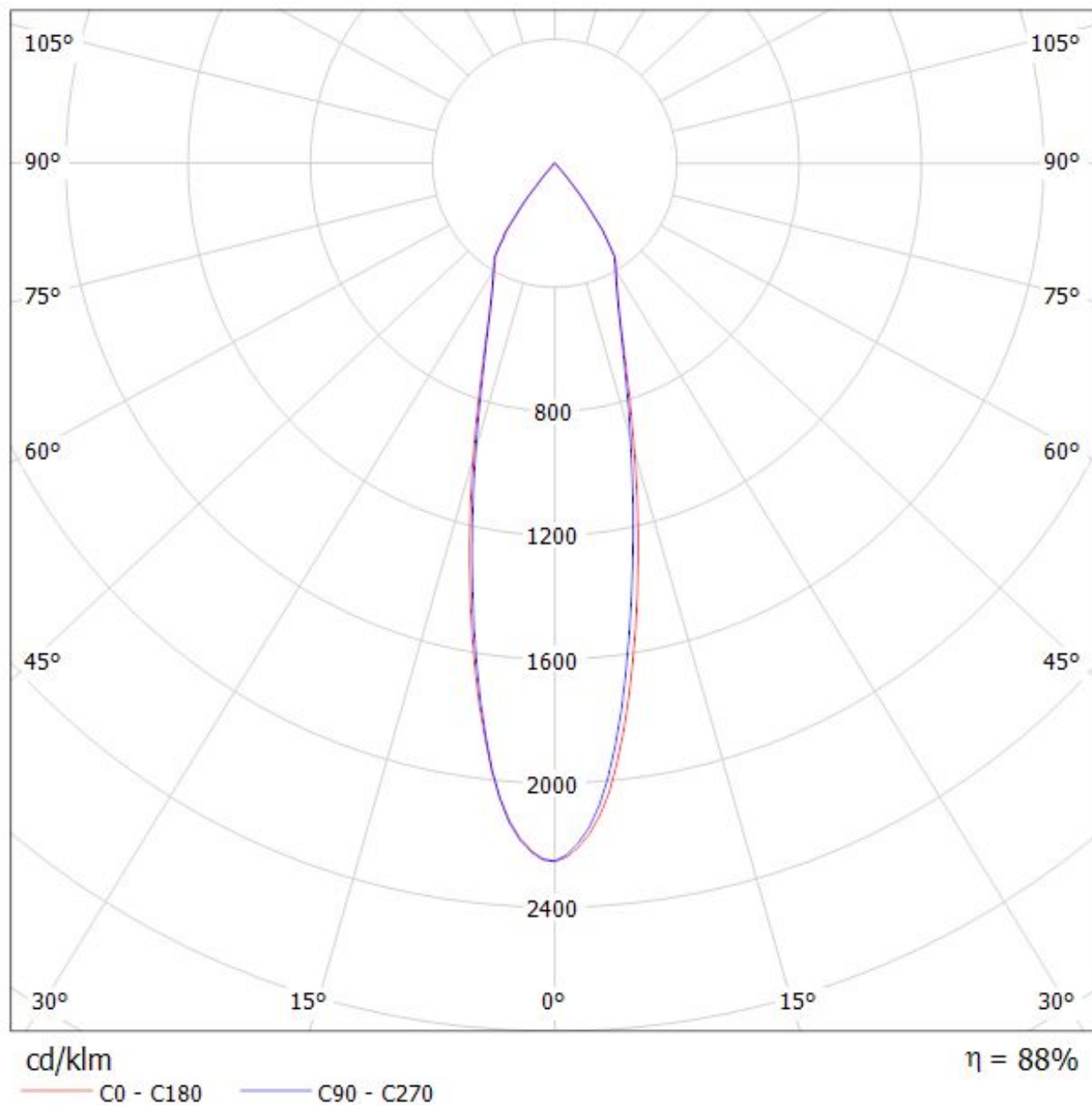
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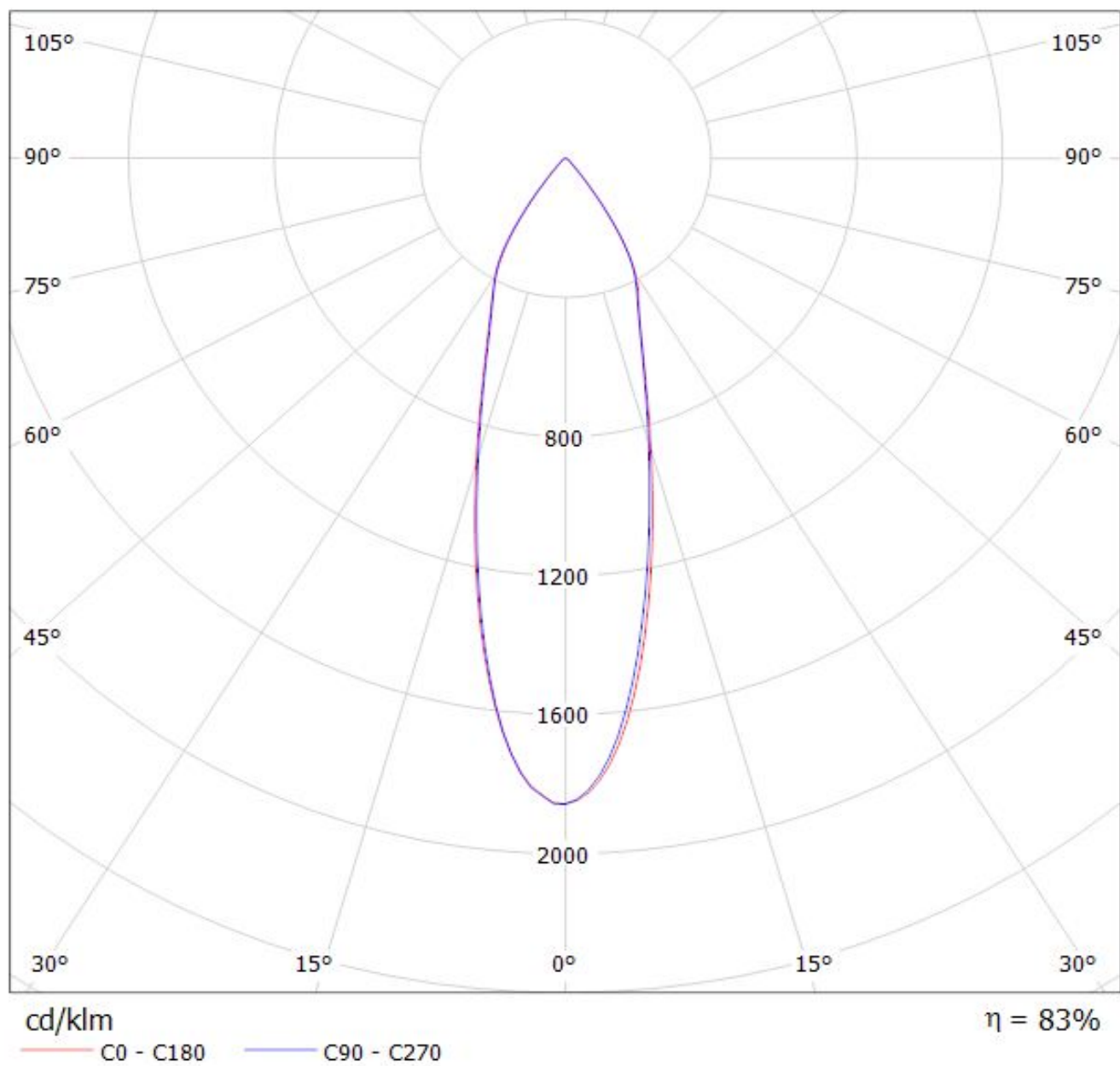
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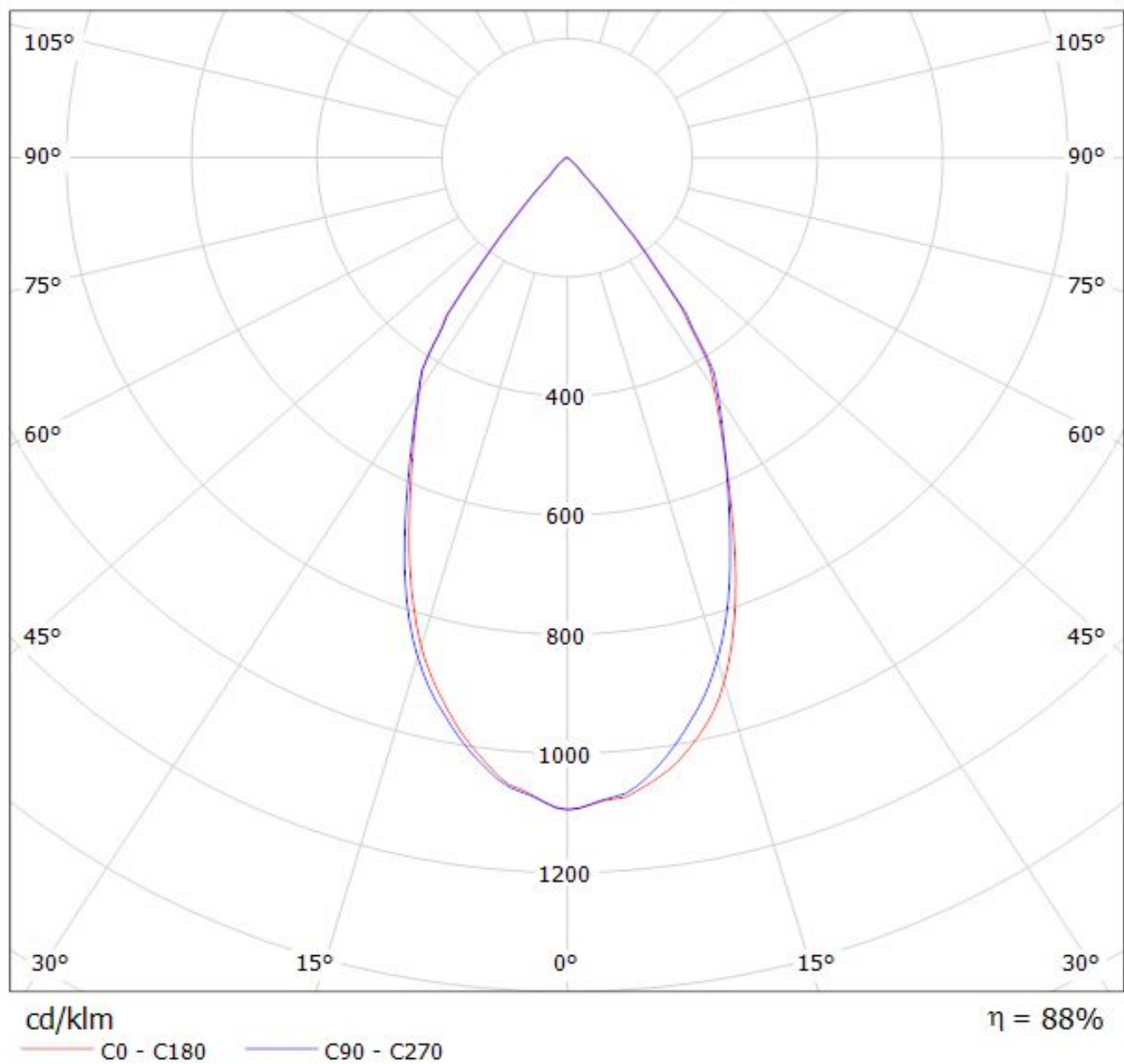
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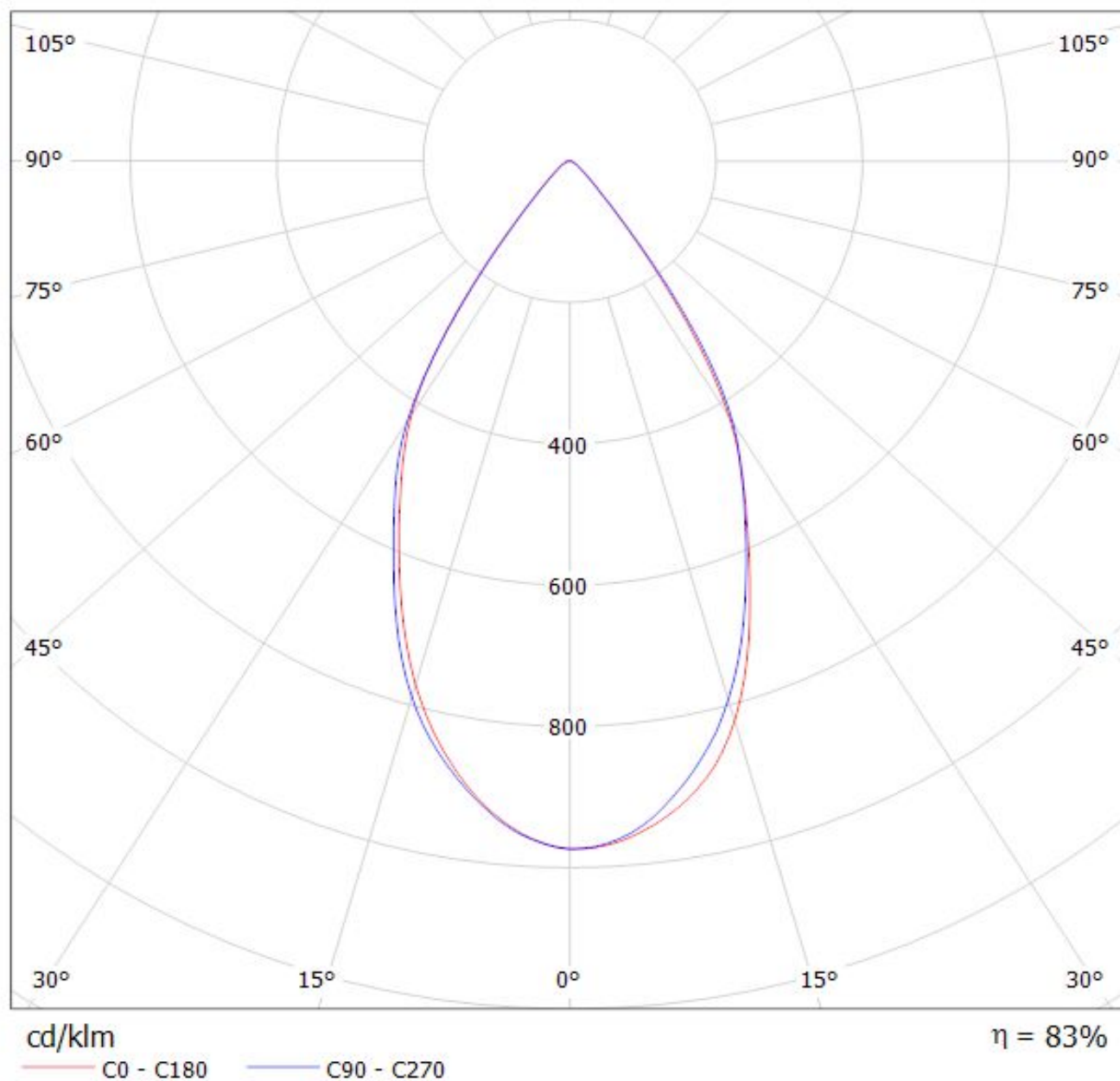
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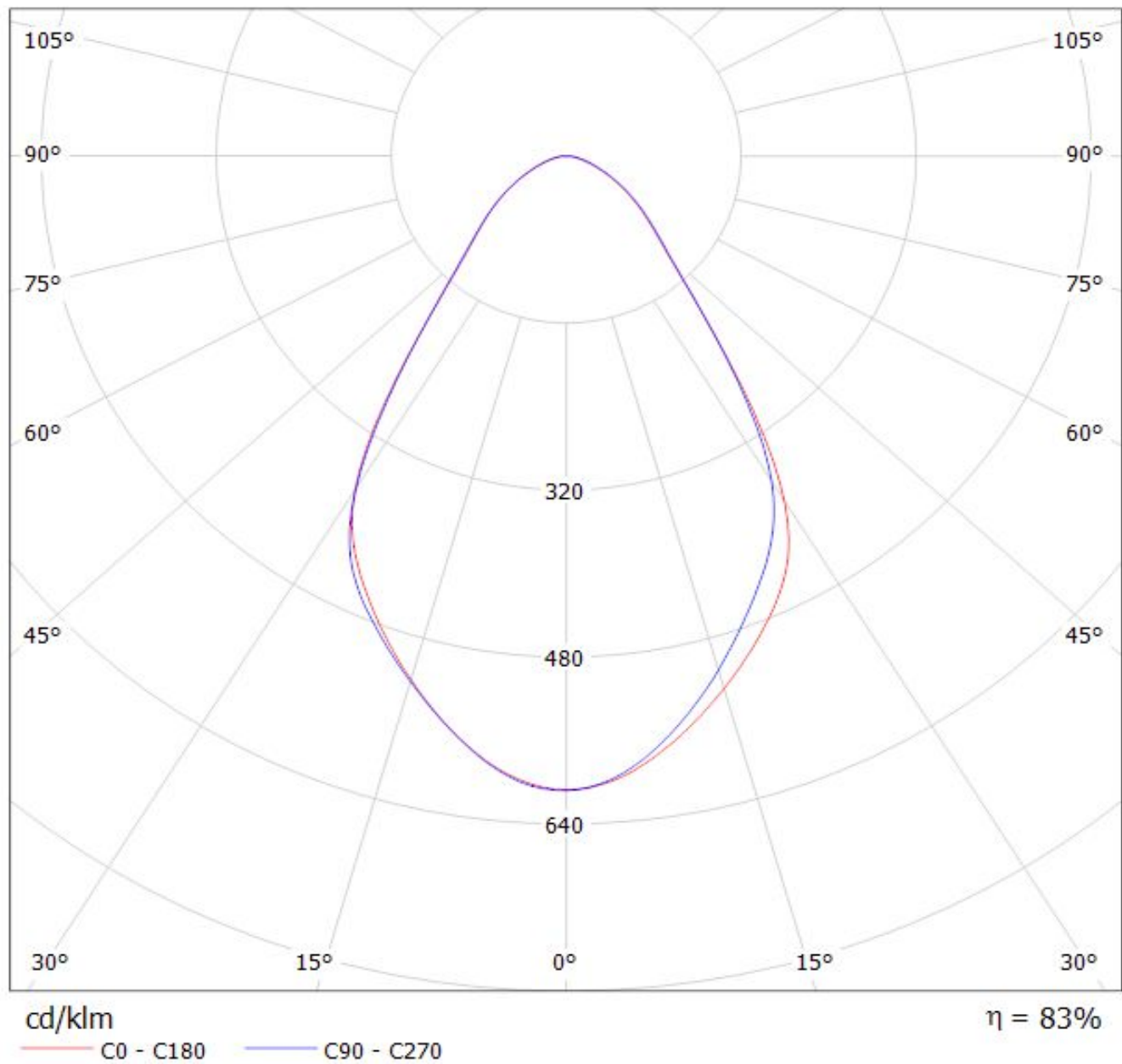
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