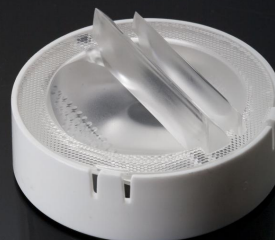


**Product number FN15972_RONDA-ZT45-C**

Family	Ronda	FWHM	(simulated) Asymmetric
Type	Assembly	Efficiency	88 %
LED	VERO10	cd/Im	0.560
Color	Clear	Gerber File	Available
Diameter	69.9 mm		
Height	14.6 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	["socket"]		
Status	Production ready		

**Product number FN15971_RONDA-WAS-C**

Family	Ronda	FWHM	Asymmetric degrees
Type	Assembly	Efficiency	89 %
LED	VERO10	cd/Im	0.950
Color	Clear	Gerber File	Available
Diameter	53.9 mm		
Height	23.65 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	["socket"]		
Status	Production ready		

**Product number FN15975_RONDA-WAS2-C**

Family	Ronda	FWHM	Asymmetric degrees
Type	Assembly	Efficiency	89 %
LED	VERO10	cd/Im	0.780
Color	Clear	Gerber File	Available
Diameter	53.9 mm		
Height	23.65 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	["socket"]		
Status	Production ready		

**Product number FN15970_RONDA-S-C**

Family	Ronda	FWHM	25 degrees
Type	Assembly	Efficiency	87 %
LED	VERO10	cd/Im	2.500
Color	Clear	Gerber File	Available
Diameter	69.9 mm		
Height	14.6 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	["socket"]		
Status	Production ready		

**Product number FN15969_RONDA-W-C**

Family	Ronda	FWHM	43 degrees
Type	Assembly	Efficiency	91 %
LED	VERO10	cd/Im	1.500
Color	Clear	Gerber File	Available
Diameter	53.9 mm		
Height	16.6 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	["socket"]		
Status	Production ready		

**Product number FN15968_RONDA-WW-C**

Family	Ronda	FWHM	57 degrees
Type	Assembly	Efficiency	90 %
LED	VERO10	cd/Im	0.970
Color	Clear	Gerber File	Available
Diameter	53.9 mm		
Height	16.6 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	["socket"]		
Status	Production ready		

**Product number FN15966_RONDA-WWW-C**

Family	Ronda	FWHM	82 degrees
Type	Assembly	Efficiency	89 %
LED	VERO10	cd/Im	0.490
Color	Clear	Gerber File	Available
Diameter	53.9 mm		
Height	16.6 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	["socket"]		
Status	Production ready		

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

Ronda series

last update 22/1/2018

GENERAL INFORMATION

- Product series especially designed & optimized for VERO10 series of LEDs.
- Special care taken to make light distribution as uniform as possible.
- Lens material optical grade PMMA with high UV and temperature resistance. Allows use of high current and temperature conditions.

Please find more information about used material from below:

http://ledil.fi/sites/default/files/Documents/Technical/Material/PMMA%20N%20UL94_Yellow%20Card.pdf

<http://ledil.fi/sites/default/files/Documents/Technical/Material/PMMA%20N%20PLEXIGLAS-Datasheet.pdf>

Note! Due to use of high power COB's with this product, special attention to proper thermal design is highly recommended. LEDiL has no liability for direct, indirect or consecutive damages arising from the LEDiL products being used outside of the recommended temperature range.

OPTIC/HOLDER ASSEMBLY

1. Place pin on the side of the lens into relative hole on the holder.
2. Press the lens under clips on the holder, ensuring both clips are fixed.

Ronda optics

F15635_RONDA-HLD-C

M3 screw+washer

Hekla socket, see compatibility www.ledil.com

Led, see compatibility www.ledil.com

Holder C can be turned 90°->fixing screw can be at beam direction or 90°angle to it

20.46
(with socket)

Leads out
AWG20 recommended

Max. 28.2

(F156156_Ronda WAS)

Oval beam direction

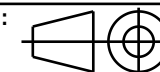
3.42

54.95

Ø 53.9

Tolerances if not otherwise shown
According to DIN ISO 2768-1
Linear measures:
Up to 30mm class M, otherwise class C.
According to DIN ISO 2768-2
Form and position: class L

THIRD ANGLE PROJECTION:



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LEDiL

Ledil Oy
Salorankatu 10
FIN 24240 SALO
Finland

DRAWING TITLE

RONDA-C_Datasheet

SIZE

A3

PART NUMBER

SCALE

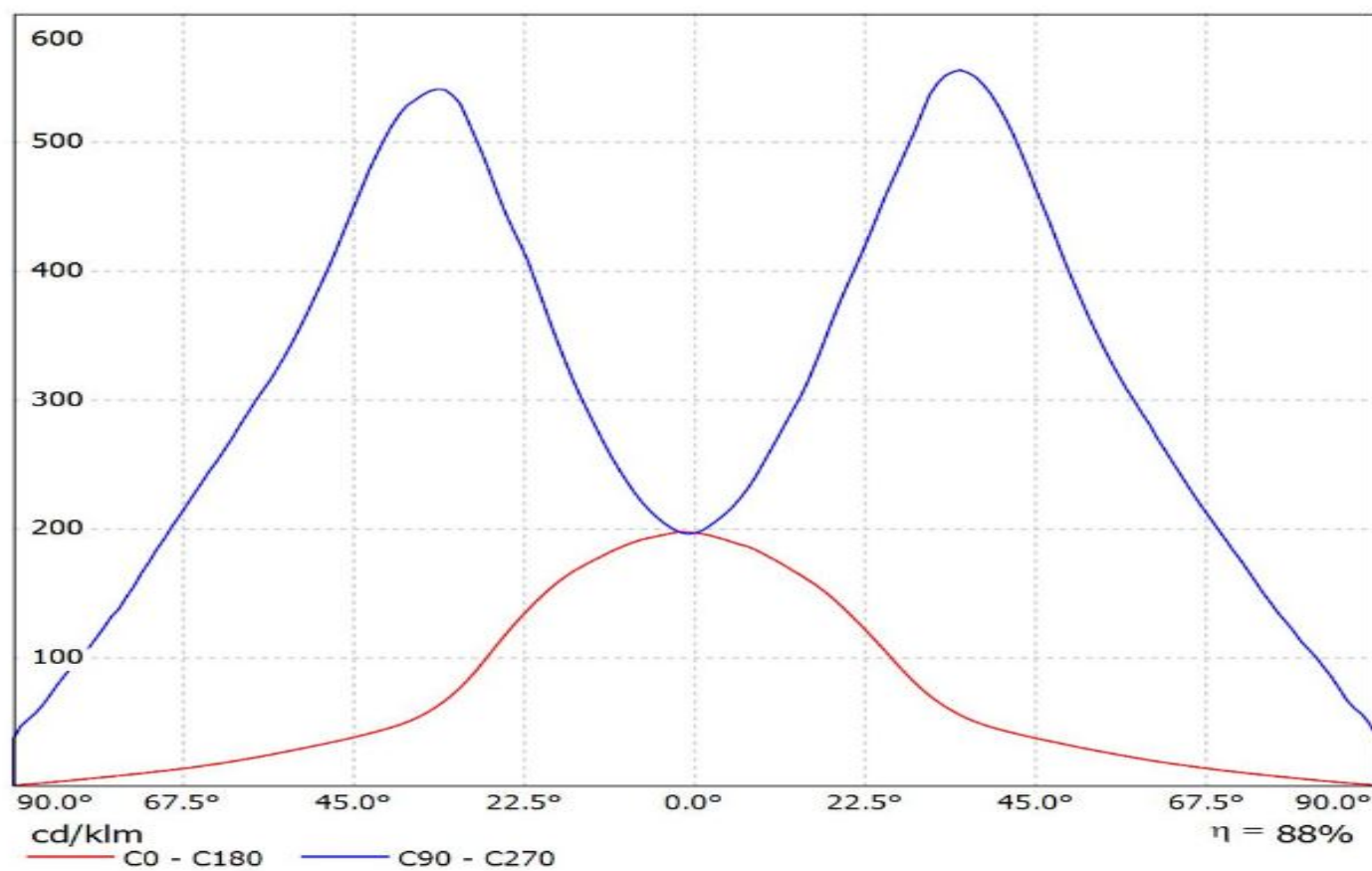
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WEIGHT

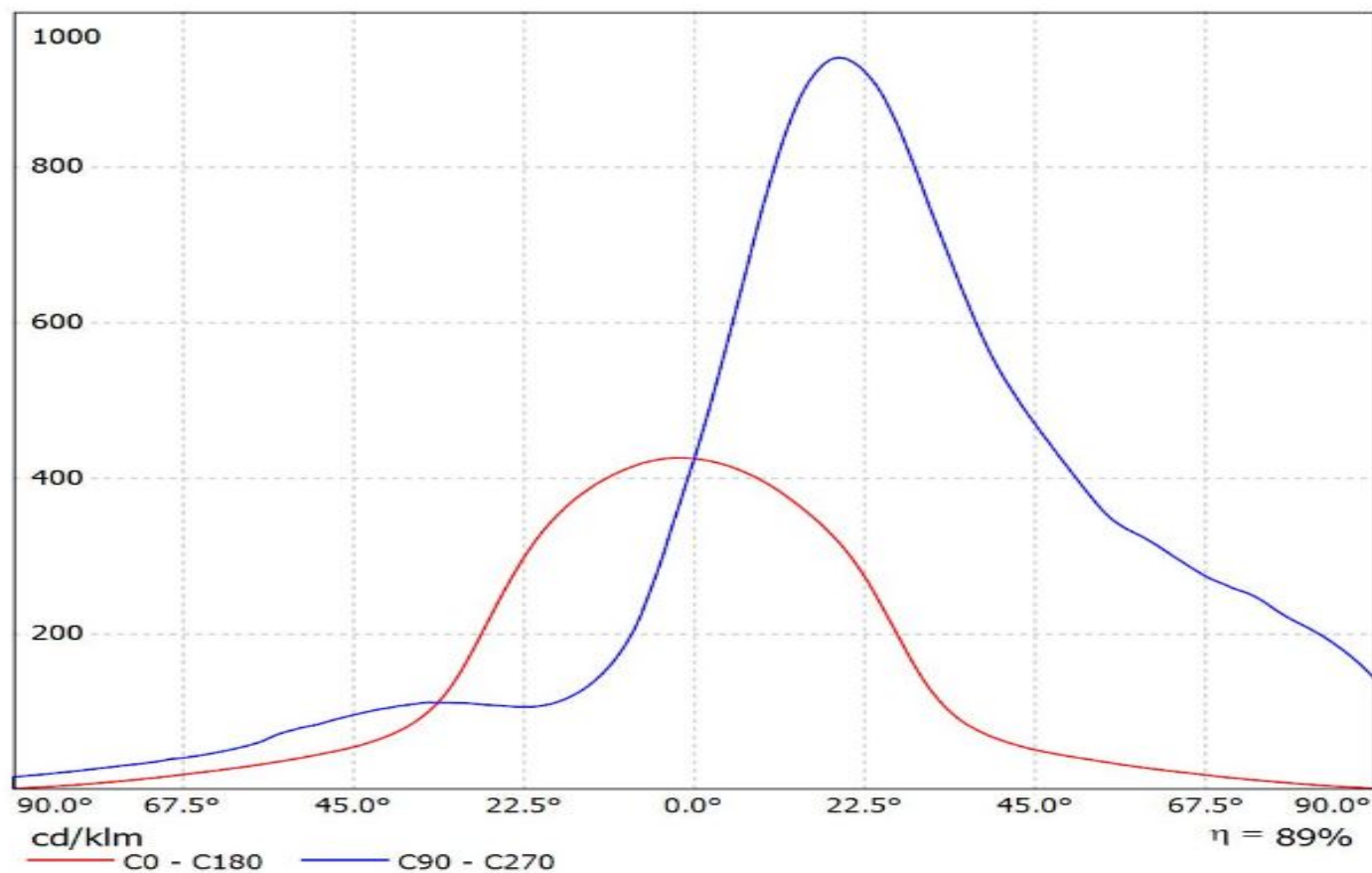
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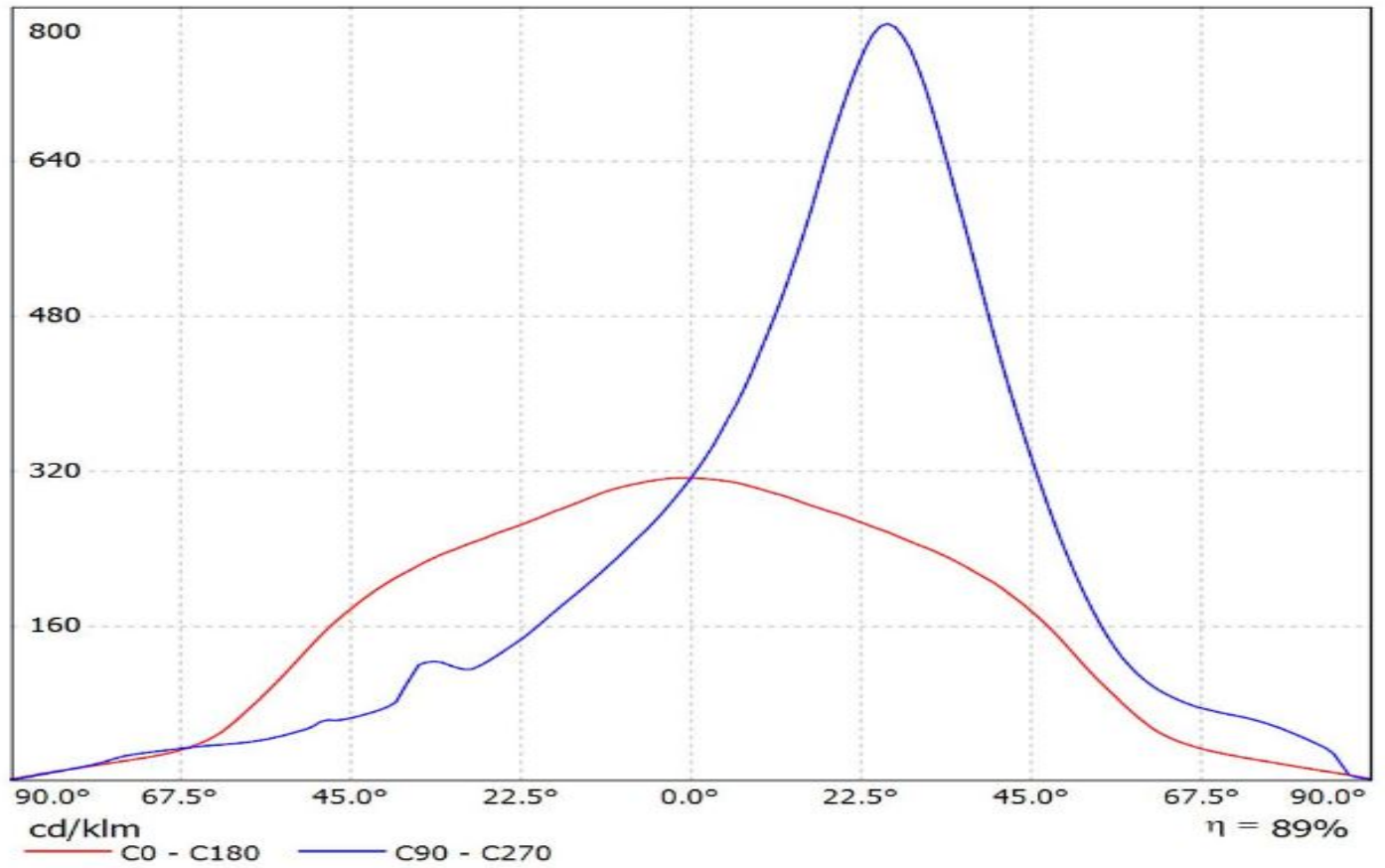
Luminaire: LEDiL Oy FN15972_RONDA-ZT45-C_(VERO10+F15616)
Lamps: 1 x Bridgelux_VERO10_(30-E1000B-Y2)_+F15616_HEKLA-SOCKET-
F_820.387lm@250mA_CCT=3000K_P=6.48806W_I=0.25A



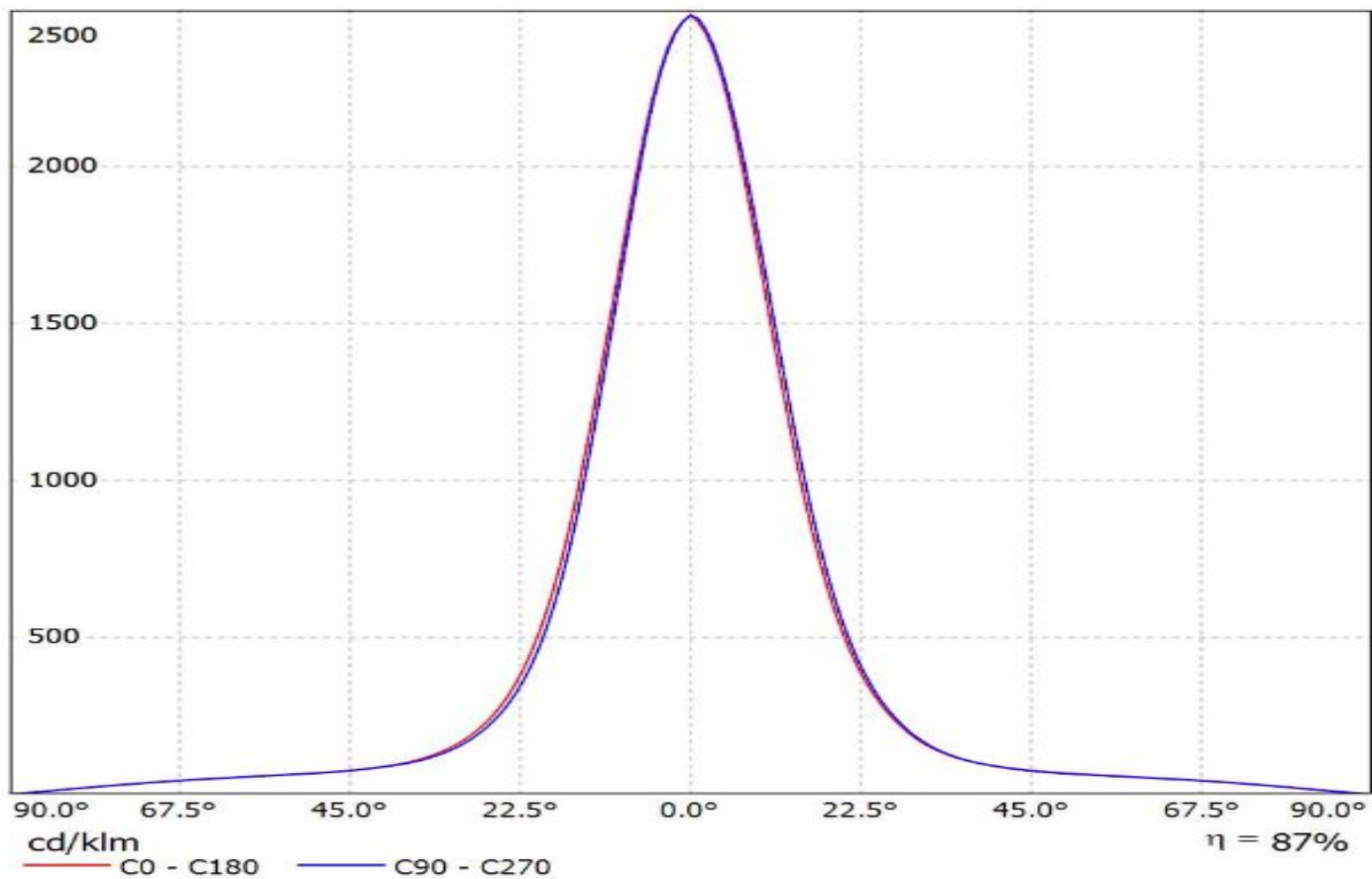
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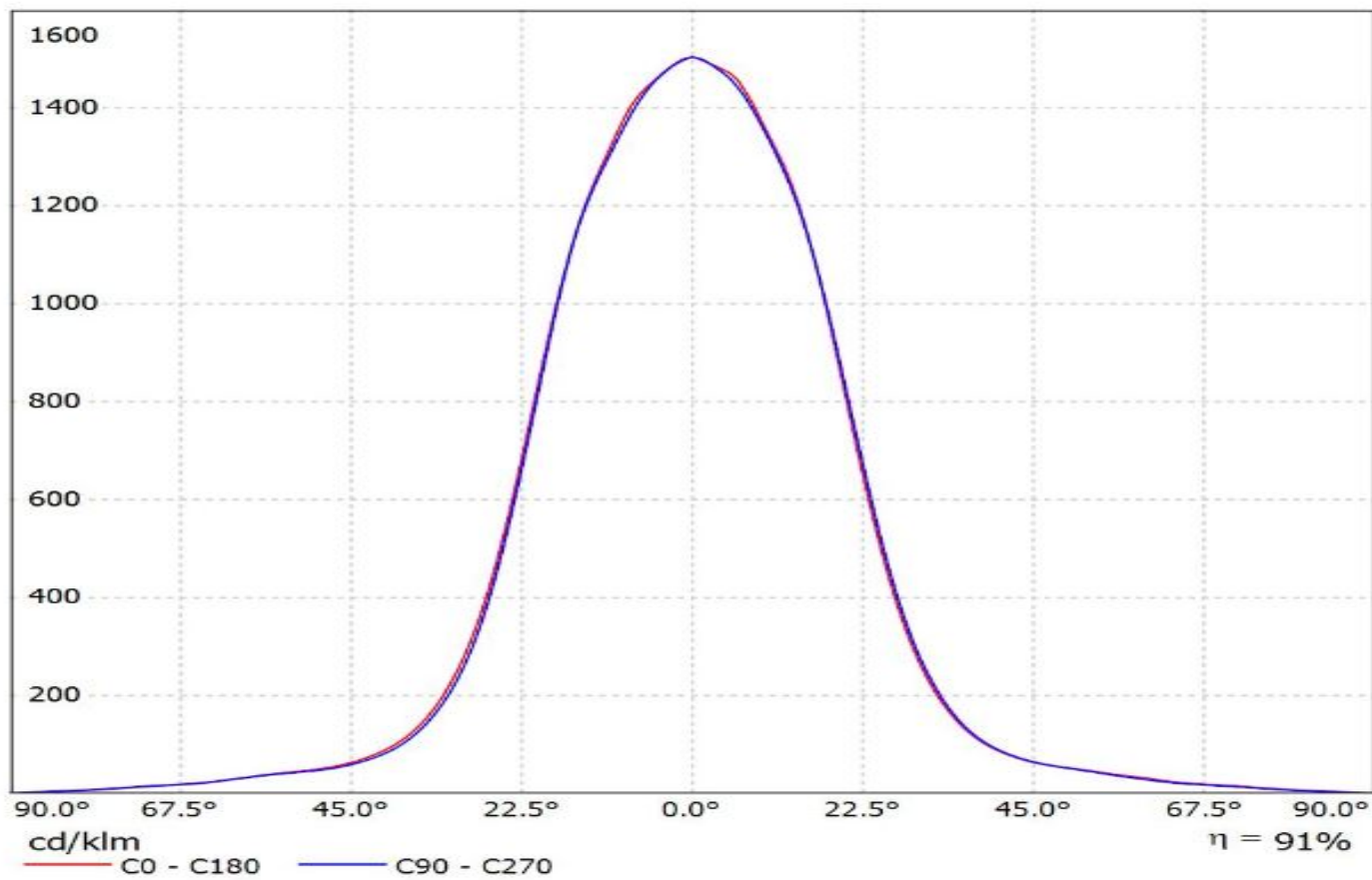
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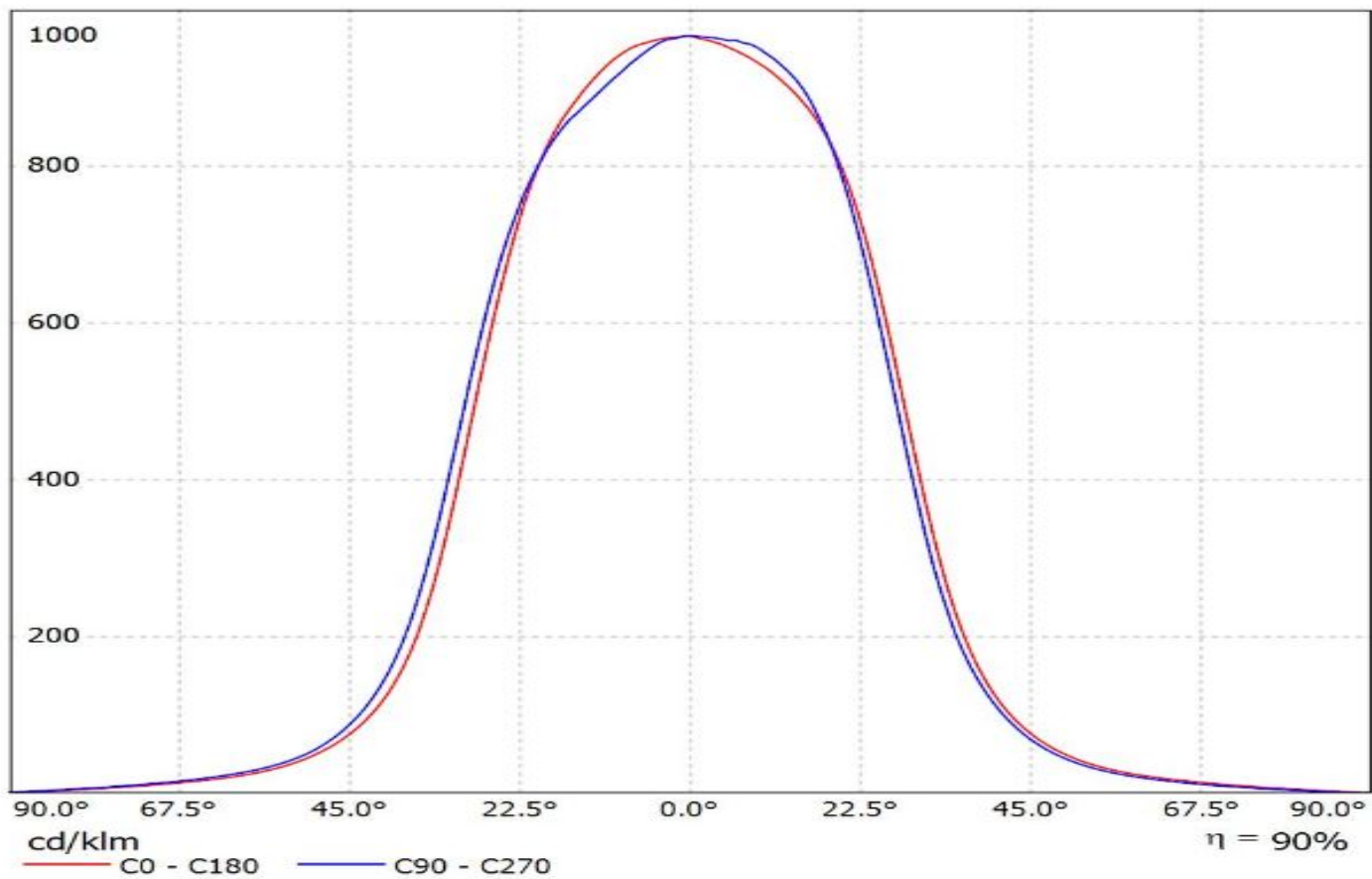
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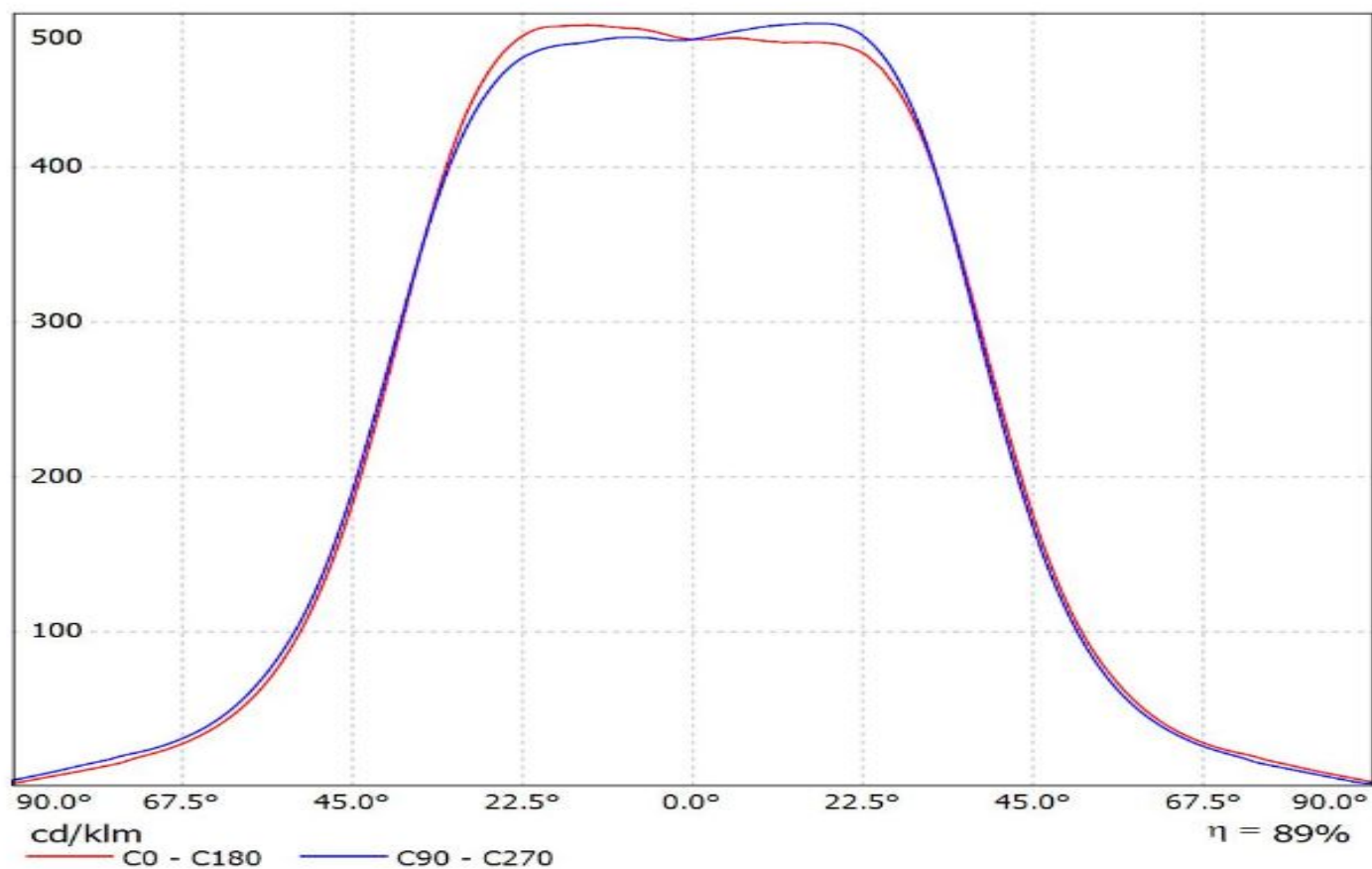
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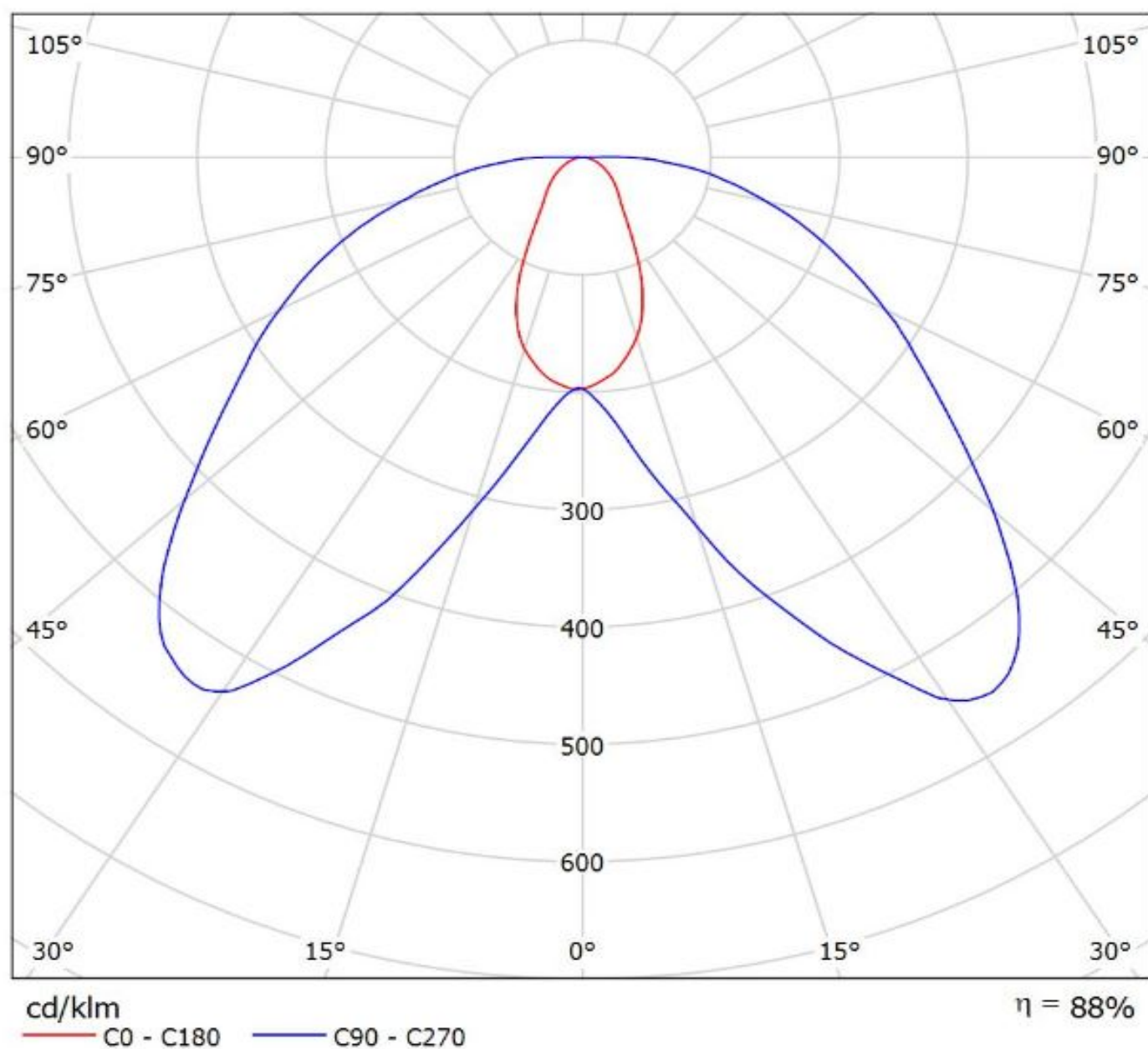
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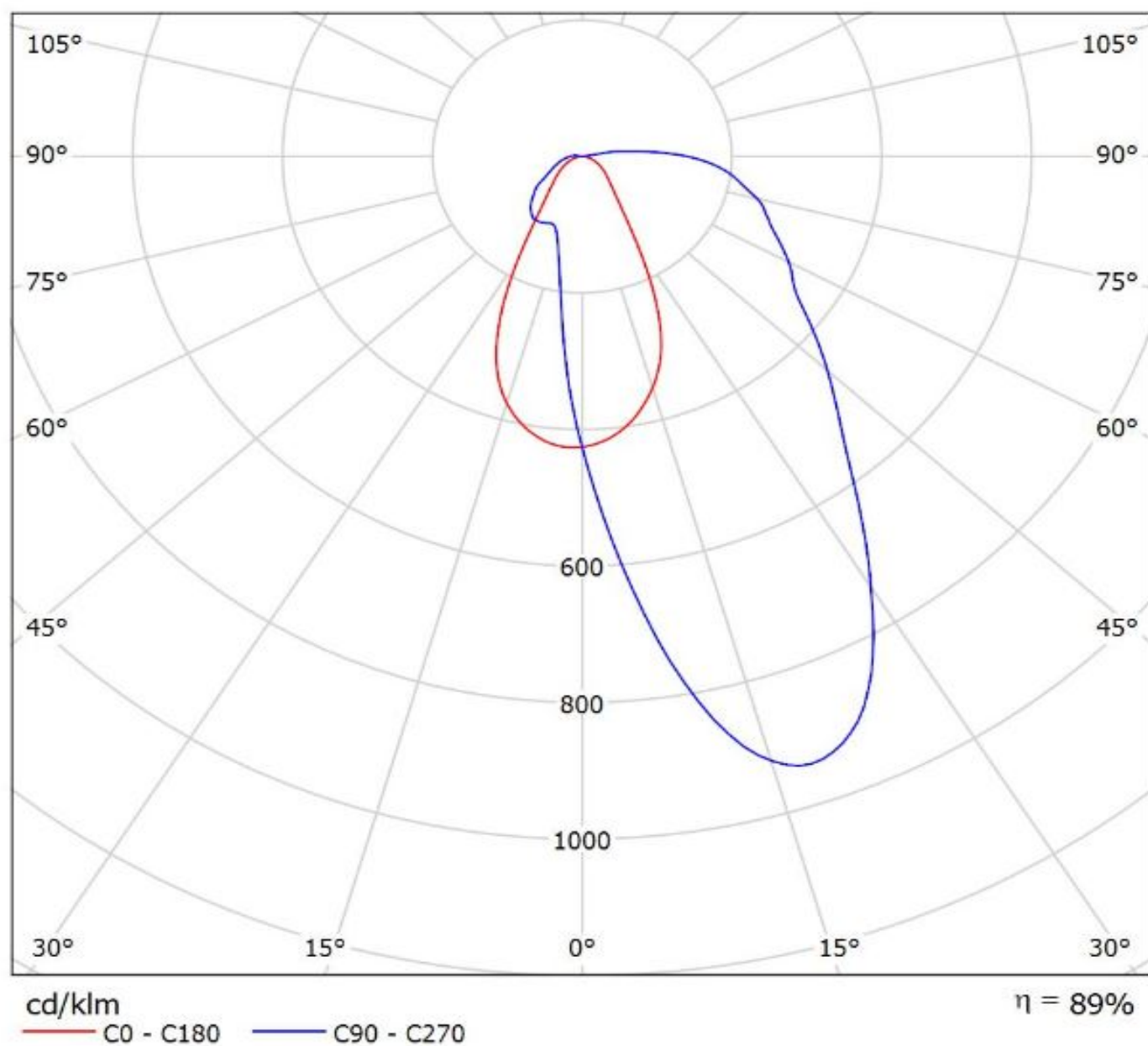
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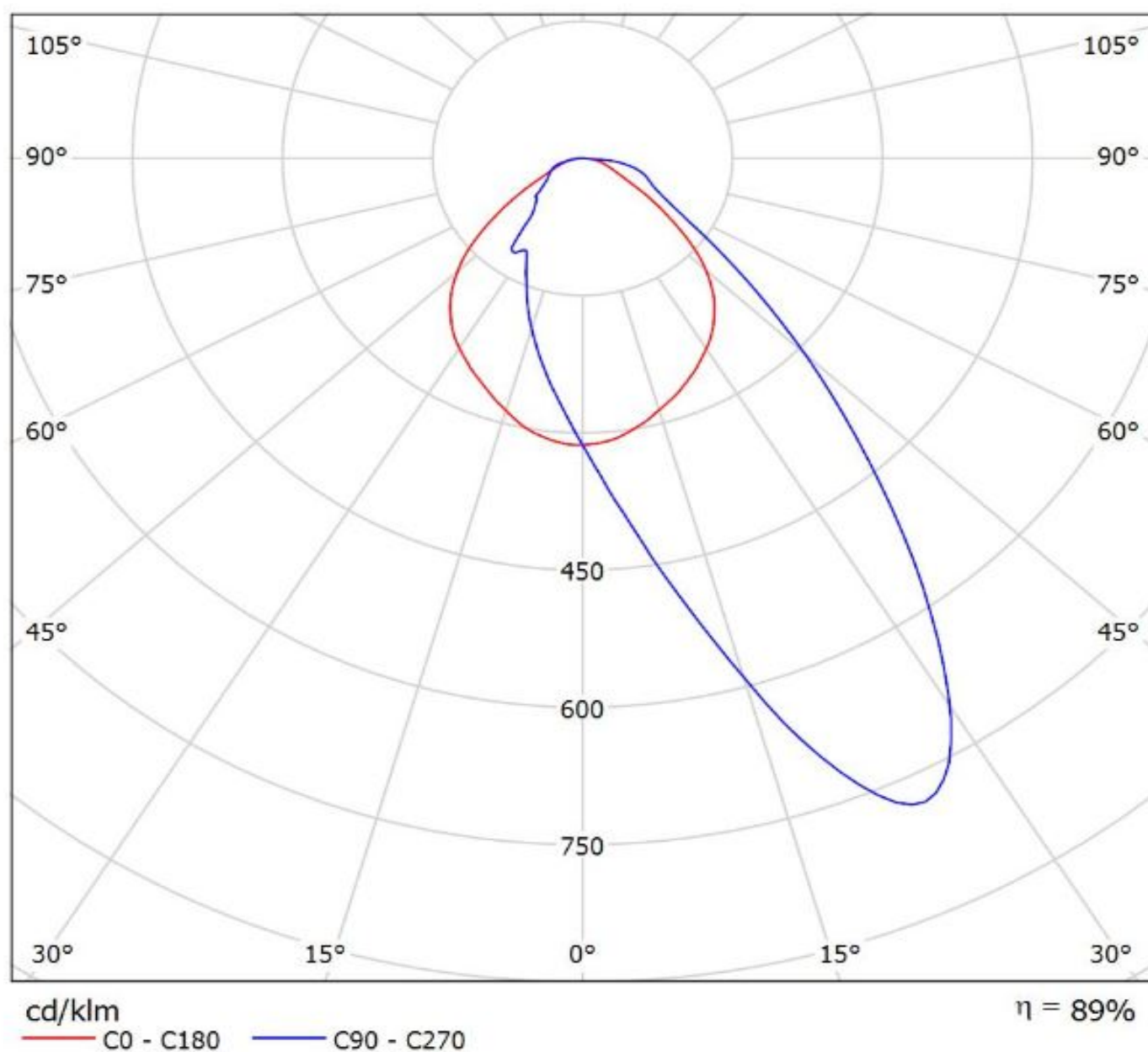
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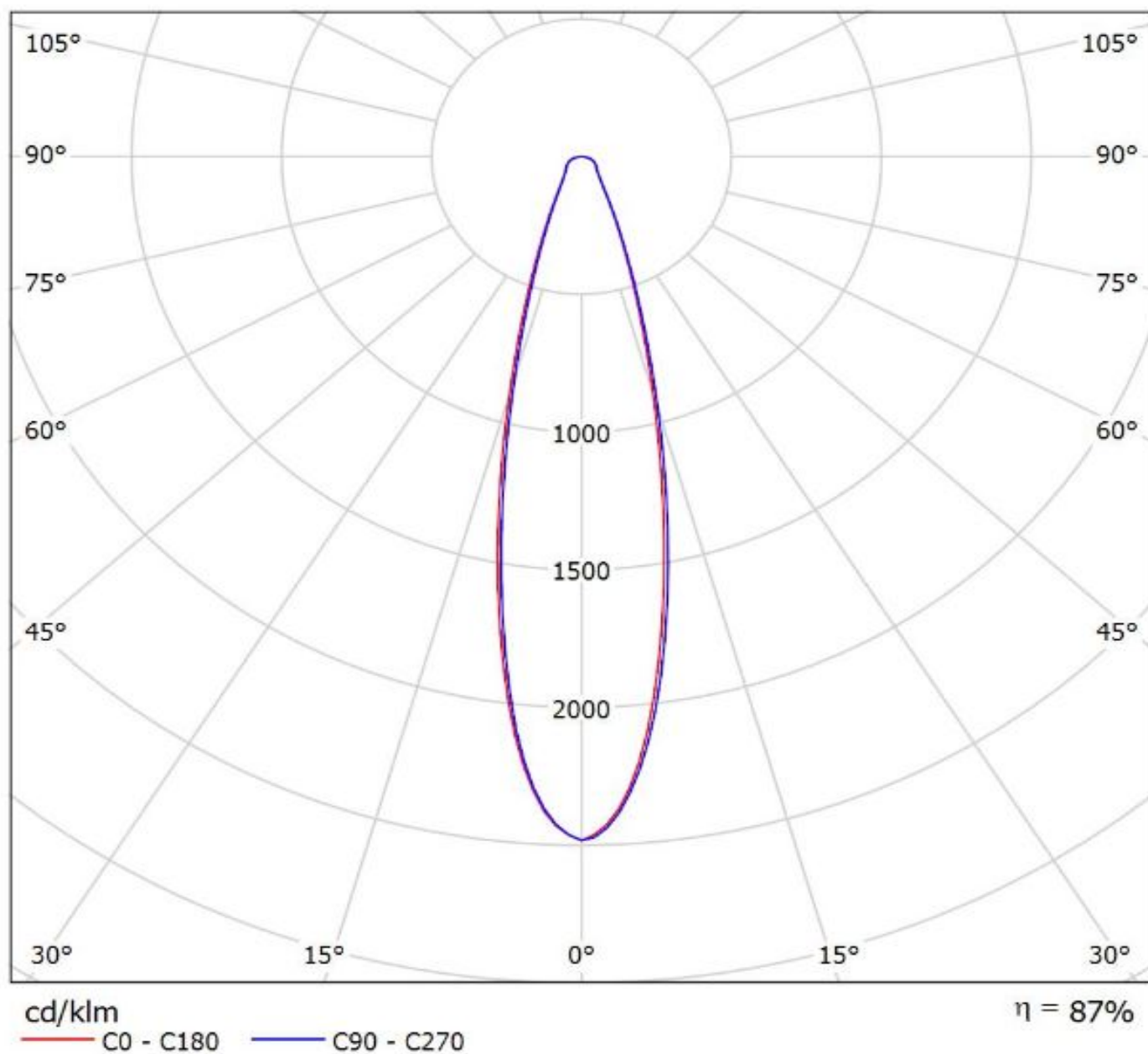
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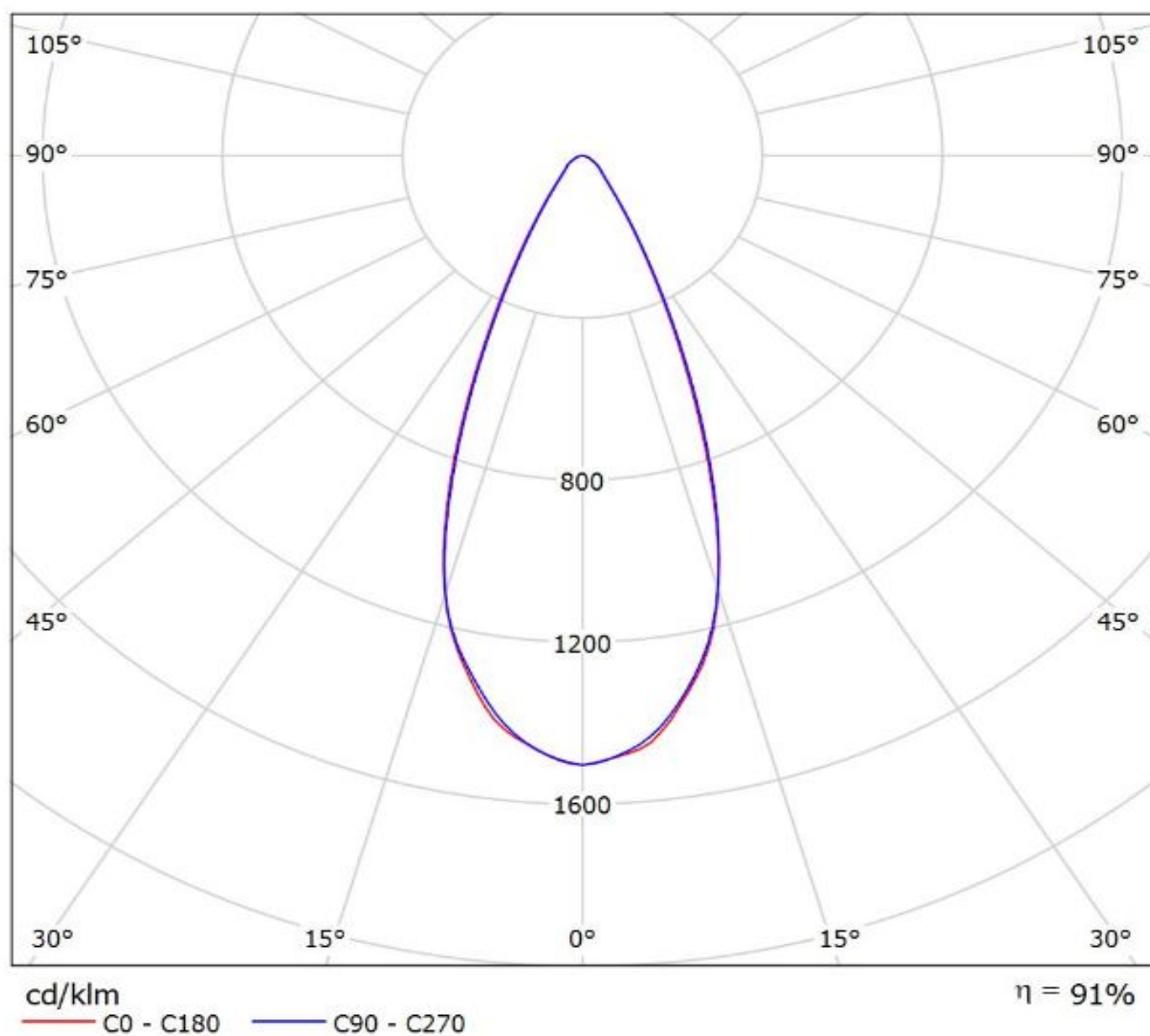
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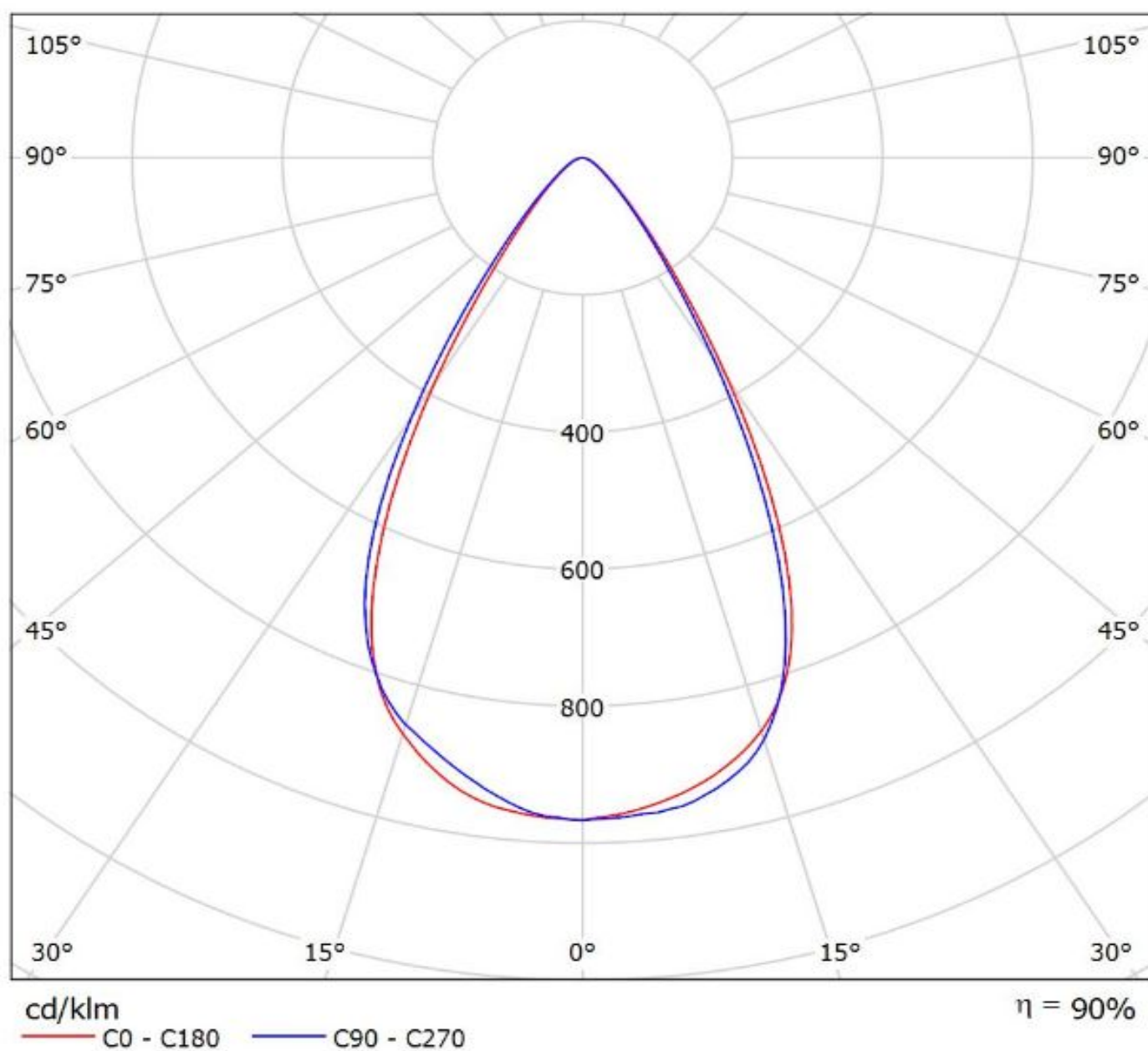
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