

**Product number** CN12644_LENINA-S

Family	Lenina	FWHM	18 degrees
Type	RefPack	Efficiency	88 %
LED	LUXEON CoB 1204/1205	cd/Im	4.500
Color	Metal	Gerber File	Available
Diameter	74 mm		
Height	45.6 mm		
Style	Round		
Optic Material	-		
Holder Material	-		
Fastening	["screw"]		
Status	Production ready		

**Product number** CN12647_LENINA-S-DL

Family	Lenina	FWHM	19 degrees
Type	RefPack	Efficiency	84 %
LED	LUXEON CoB 1204/1205	cd/Im	3.600
Color	Metal	Gerber File	Available
Diameter	74 mm		
Height	47.7 mm		
Style	Round		
Optic Material	PC		
Holder Material	-		
Fastening	["screw"]		
Status	Production ready		

**Product number** CN12645_LENINA-M

Family	Lenina	FWHM	28 degrees
Type	RefPack	Efficiency	87 %
LED	LUXEON CoB 1204/1205	cd/Im	2.200
Color	Metal	Gerber File	Available
Diameter	74 mm		
Height	45.6 mm		
Style	Round		
Optic Material	-		
Holder Material	-		
Fastening	["screw"]		
Status	Production ready		

**Product number** CN12648_LENINA-M-DL

Family	Lenina	FWHM	30 degrees
Type	RefPack	Efficiency	82 %
LED	LUXEON CoB 1204/1205	cd/Im	1.800
Color	Metal	Gerber File	Available
Diameter	74 mm		
Height	47.7 mm		
Style	Round		
Optic Material	PC		
Holder Material	-		
Fastening	["screw"]		
Status	Production ready		

**Product number** CN12646_LENINA-W

Family	Lenina	FWHM	55 degrees
Type	RefPack	Efficiency	89 %
LED	LUXEON CoB 1204/1205	cd/Im	1.100
Color	Metal	Gerber File	Available
Diameter	74 mm		
Height	45.6 mm		
Style	Round		
Optic Material	-		
Holder Material	-		
Fastening	["screw"]		
Status	Production ready		

**Product number** CN12649_LENINA-W-DL

Family	Lenina	FWHM	57 degrees
Type	RefPack	Efficiency	84 %
LED	LUXEON CoB 1204/1205	cd/Im	1.000
Color	Metal	Gerber File	Available
Diameter	74 mm		
Height	47.7 mm		
Style	Round		
Optic Material	PC		
Holder Material	-		
Fastening	["screw"]		
Status	Production ready		

**Product number** CN12975_LENINA-XW-DL

Family	Lenina	FWHM	71 degrees
Type	RefPack	Efficiency	86 %
LED	LUXEON CoB 1204/1205	cd/Im	0.600
Color	White	Gerber File	Available
Diameter	74 mm		
Height	47.7 mm		
Style	Round		
Optic Material	HRPC		
Holder Material	-		
Fastening	["socket"]		
Status	Production ready		

Reflector twist-and-locks into included base part that holds COB in place. Base part is attached into heat sink with screws.

**Product number** CN12962_LENINA-XW

Family	Lenina	FWHM	73 degrees
Type	RefPack	Efficiency	90 %
LED	LUXEON CoB 1204/1205	cd/Im	0.600
Color	White	Gerber File	Available
Diameter	74 mm		
Height	45.6 mm		
Style	Round		
Optic Material	-		
Holder Material	-		
Fastening	["socket"]		
Status	Production ready		

Reflector twist-and-locks into included base part that holds COB in place. Base part is attached into heat sink with screws.



PRODUCT DATASHEET

Lenina series

last update 31/10/2016

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 31/10/2016

GENERAL INFORMATION

- Product series especially designed & optimized for LUXEON CoB 1204/1205 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 (short term 100 degrees of Celcius / 212 degrees of Fahrenheit).

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.

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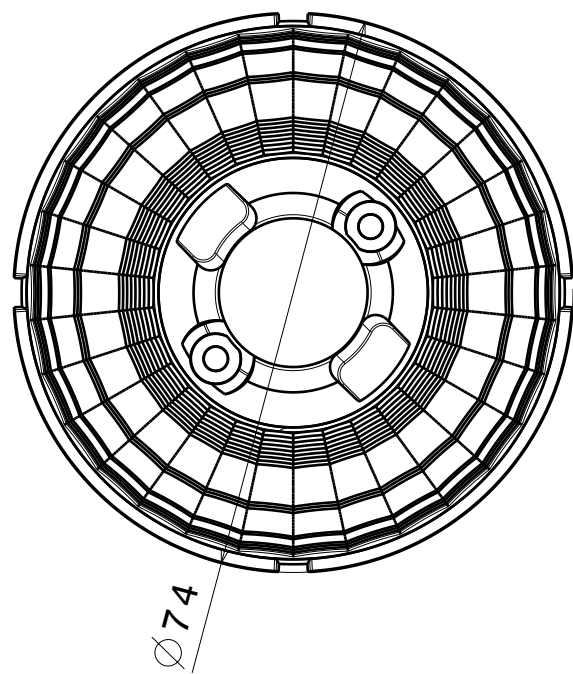
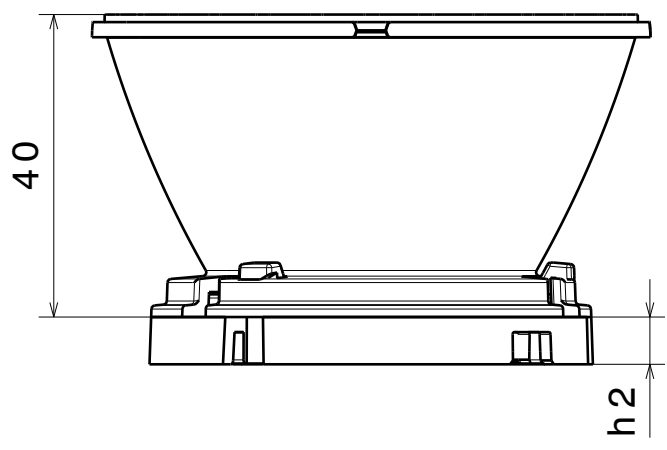
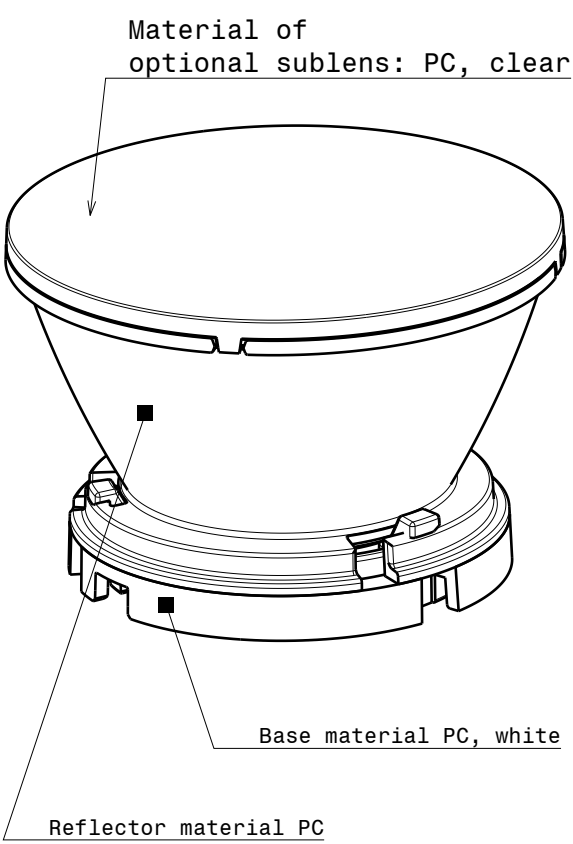
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NOTE:

Using optional sub-lens, 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

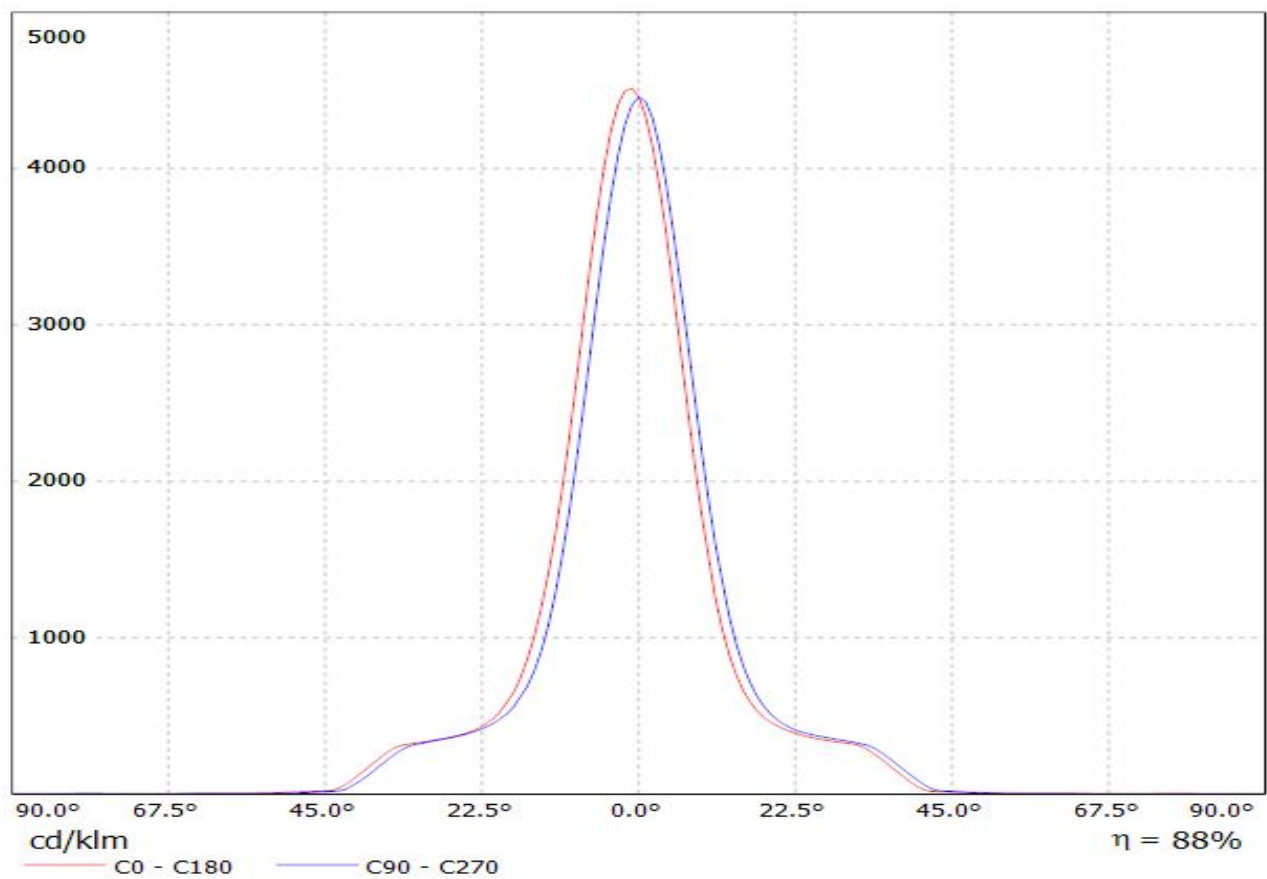
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DESIGNED BY pl	DATE 08.03.2012	SCALE 1:1	WEIGHT (g)			SHEET 1 / 1	

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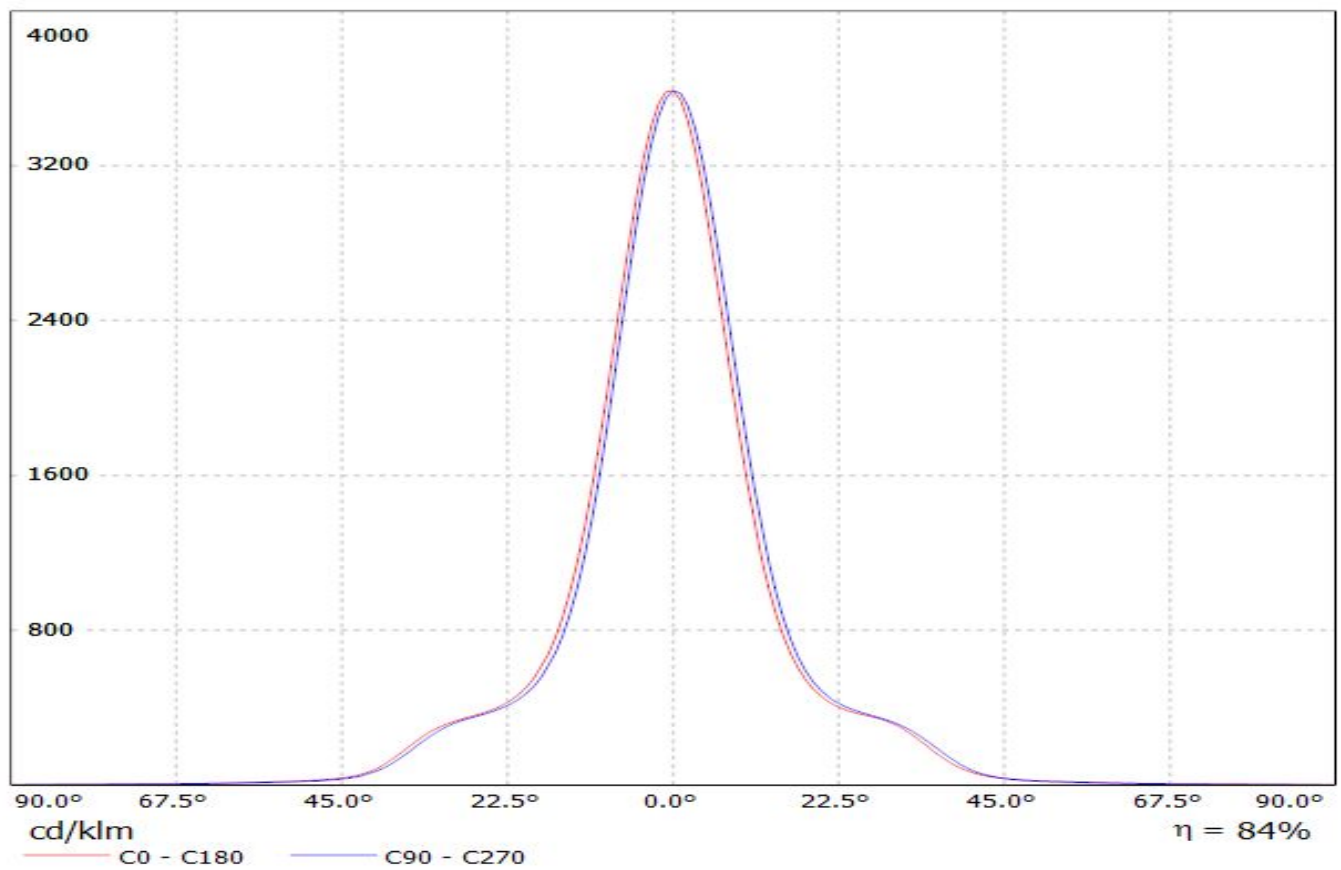
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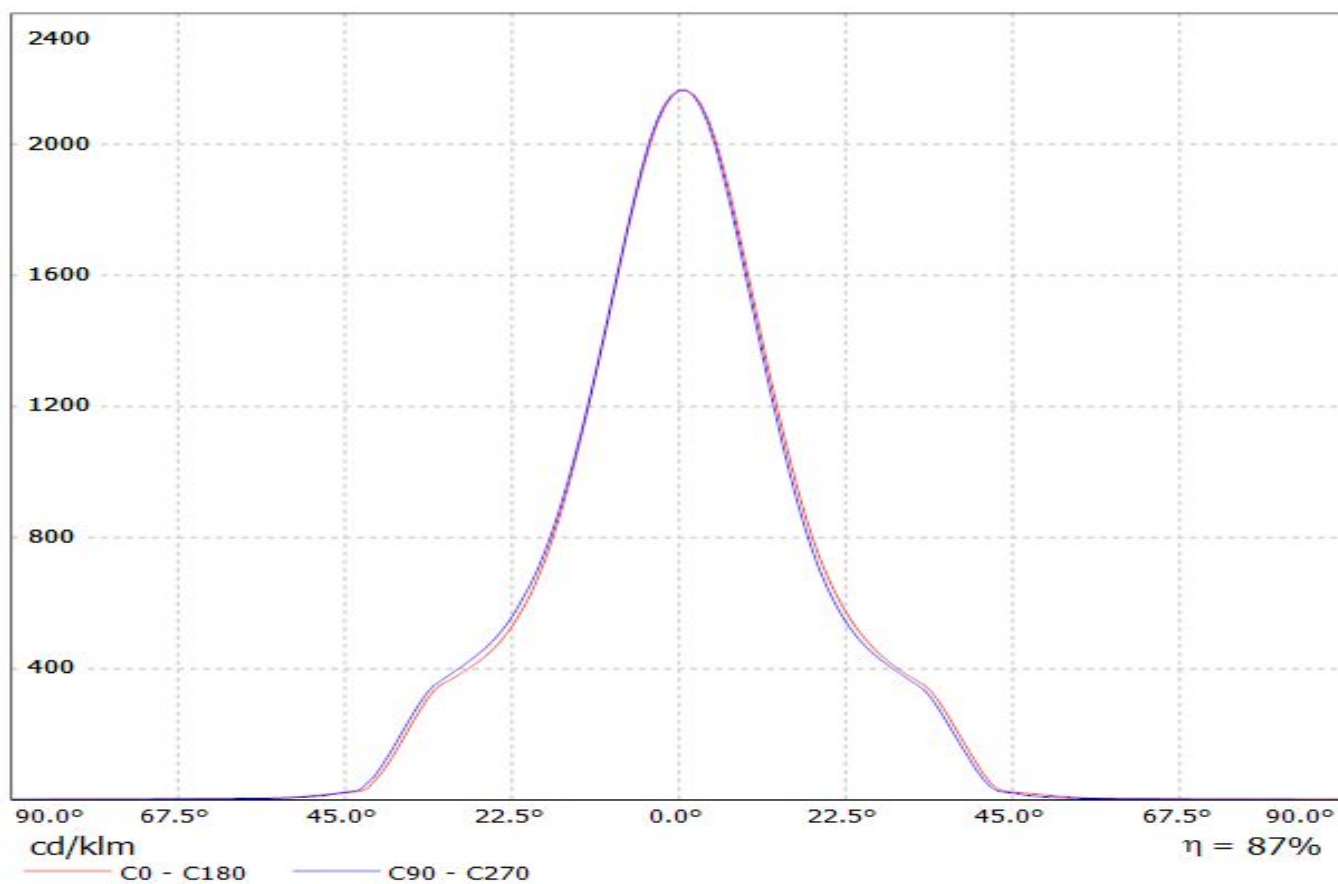
Luminaire: LEDiL Oy CN12644_LENINA-S_(LUXEON_CoB_1205) Eff: 88 %
Lamps: 1 x LUXEON CoB 1205 (LHC1-3080-1205) 1106lm@250mA CCT=3000K P=8.3W I=250mA



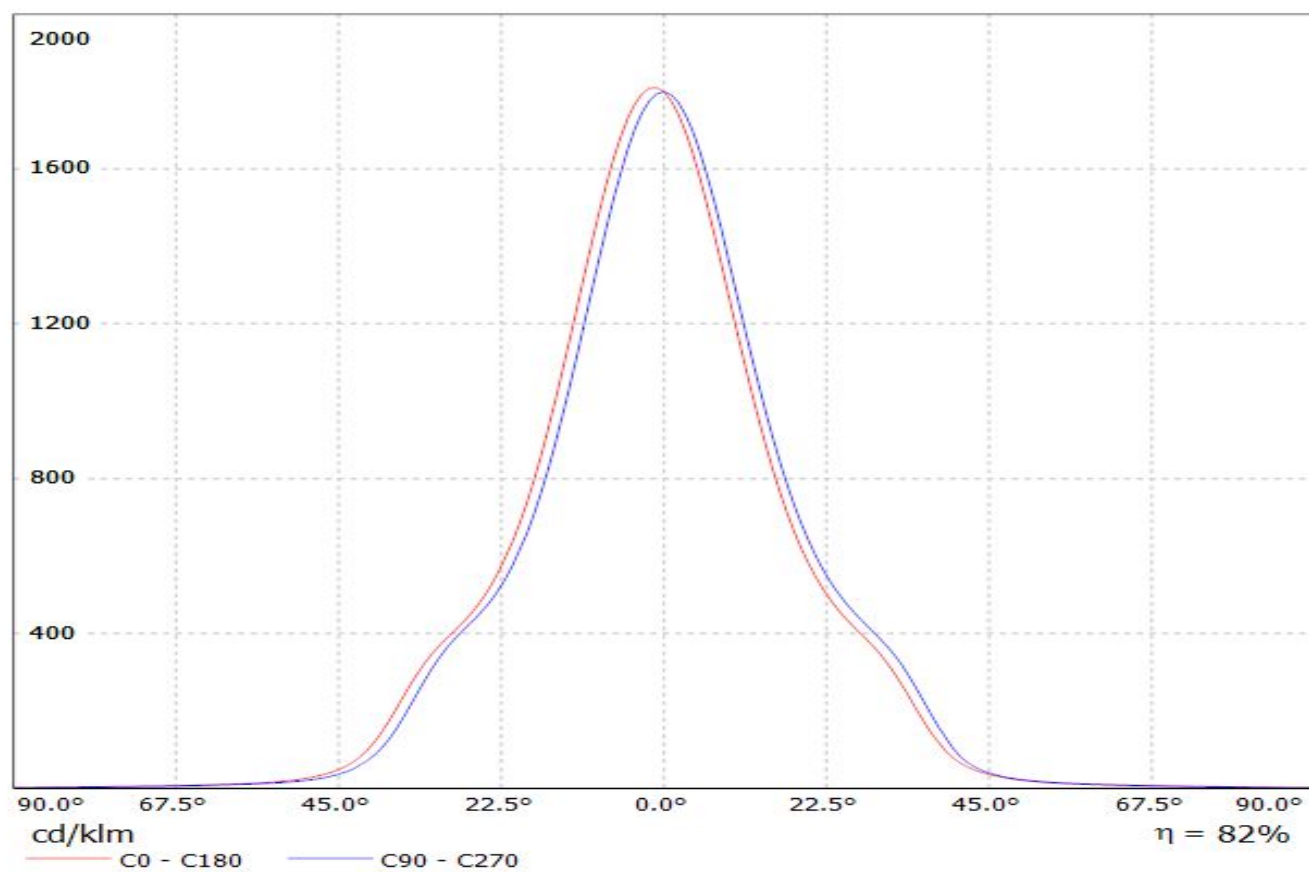
Luminaire: LEDiL Oy CN12647_LENINA-S-DL_(LUXEON_CoB_1205) Eff: 84 %
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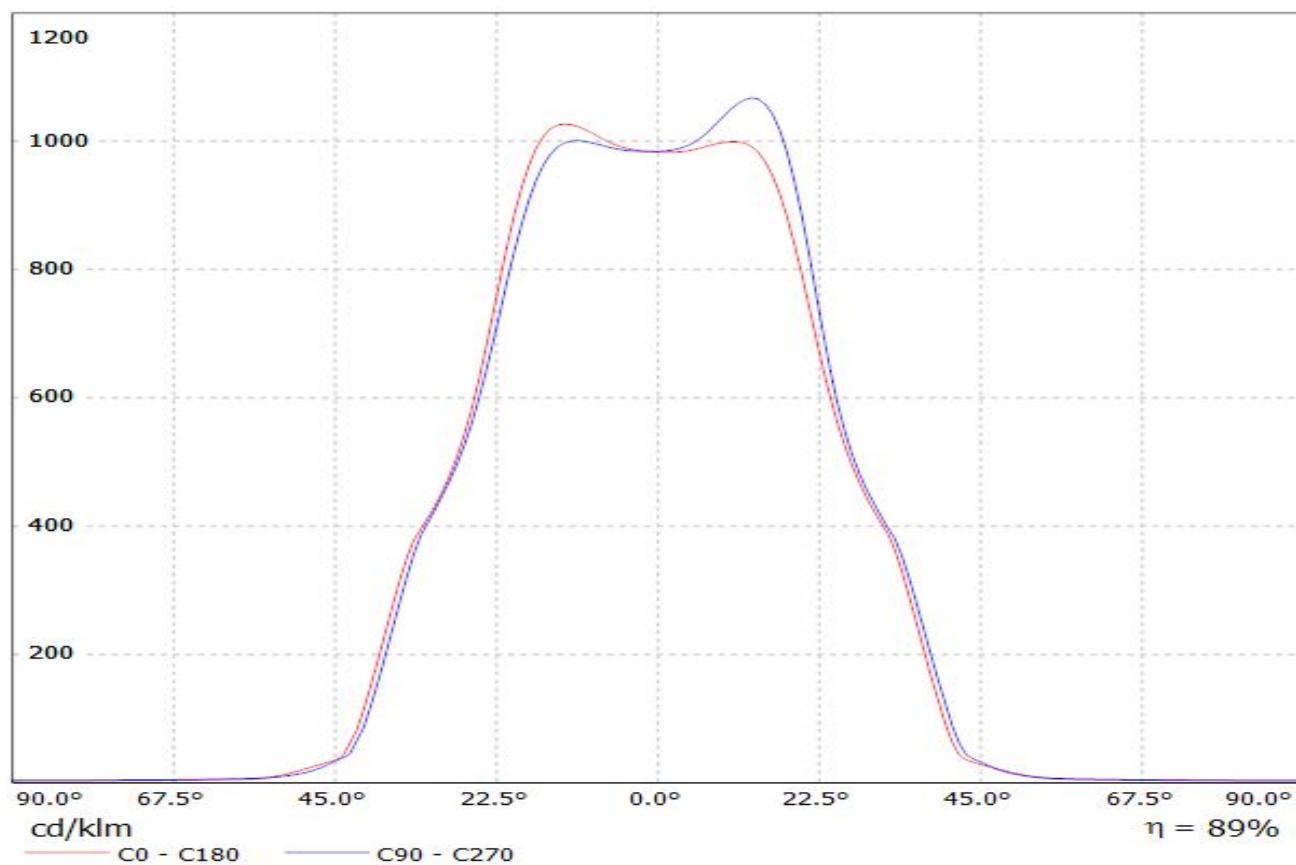
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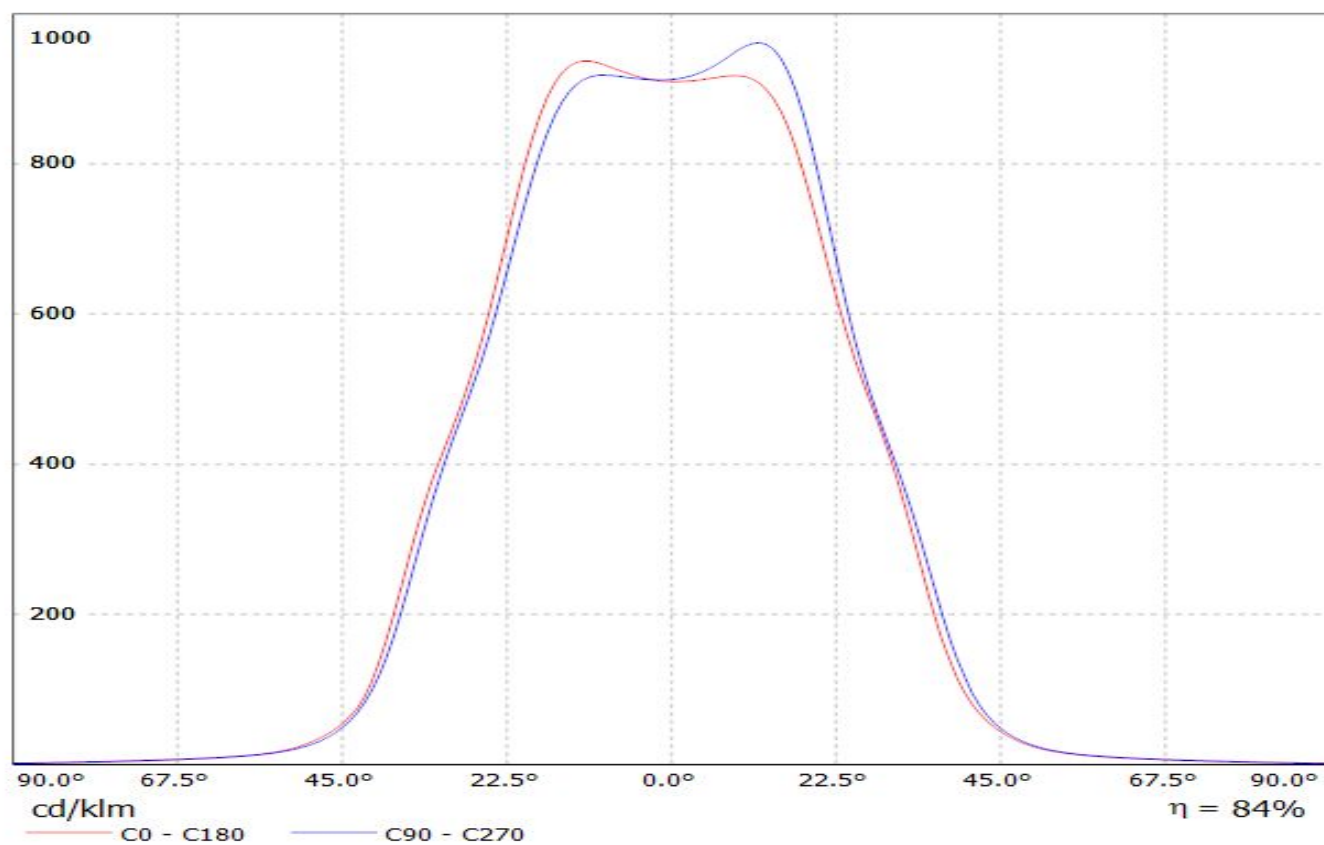
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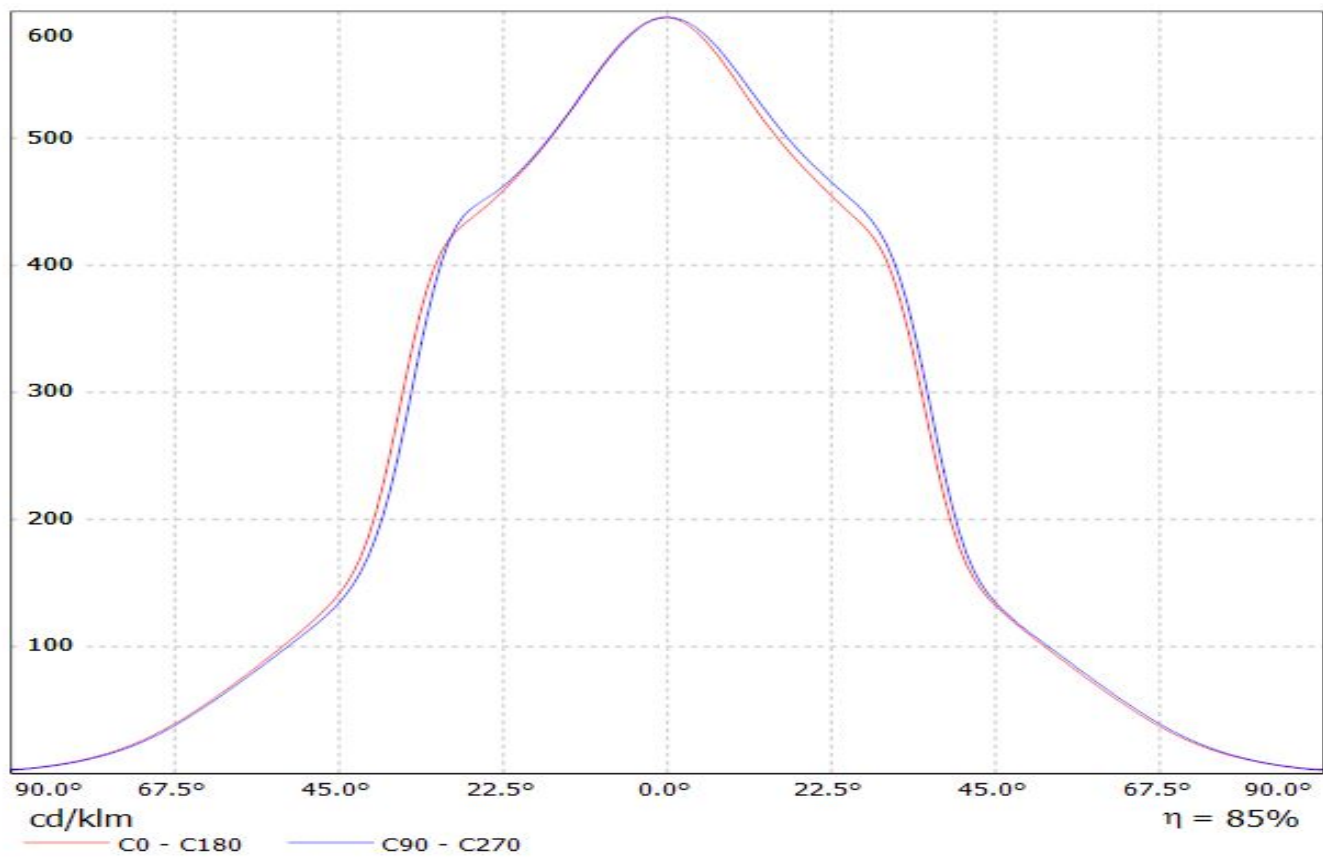
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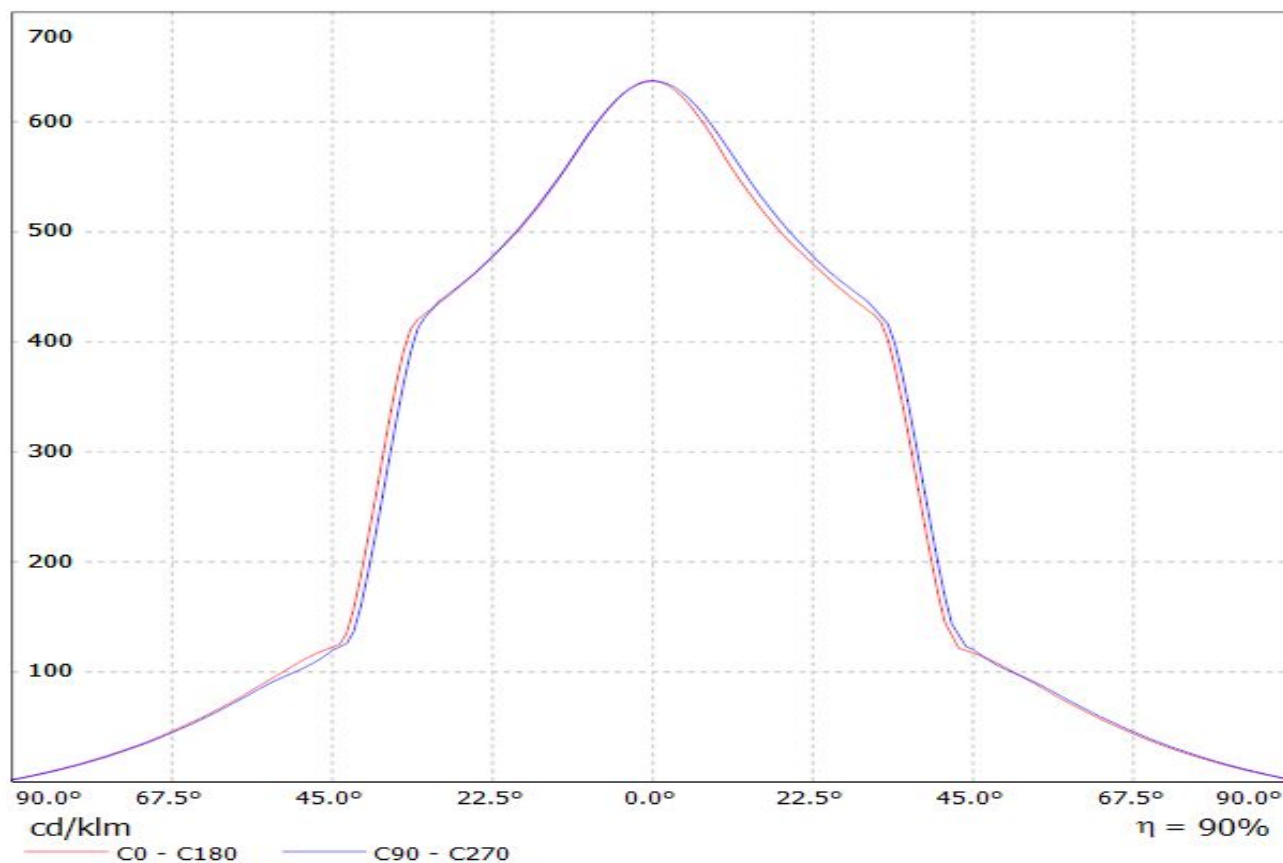
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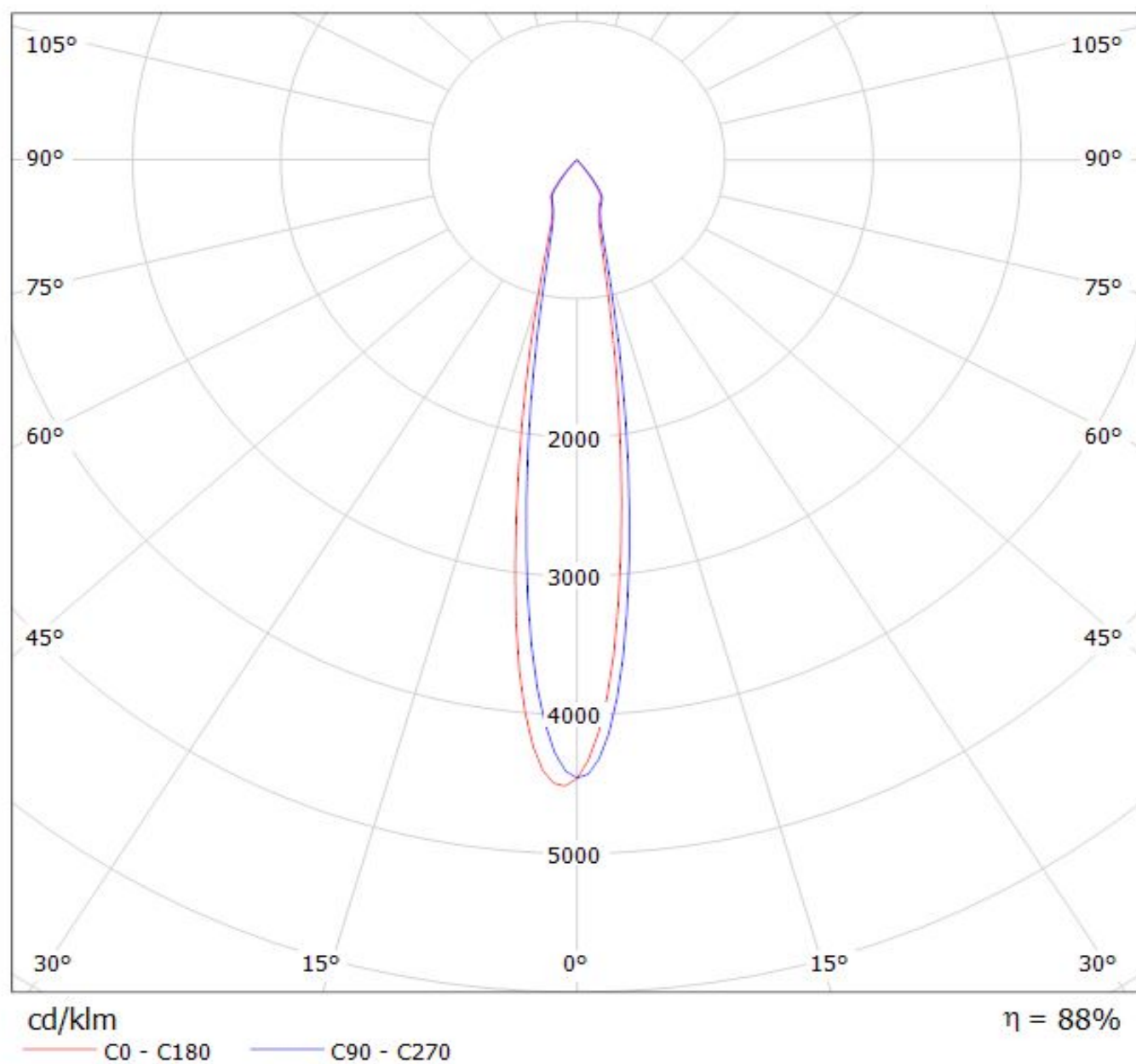


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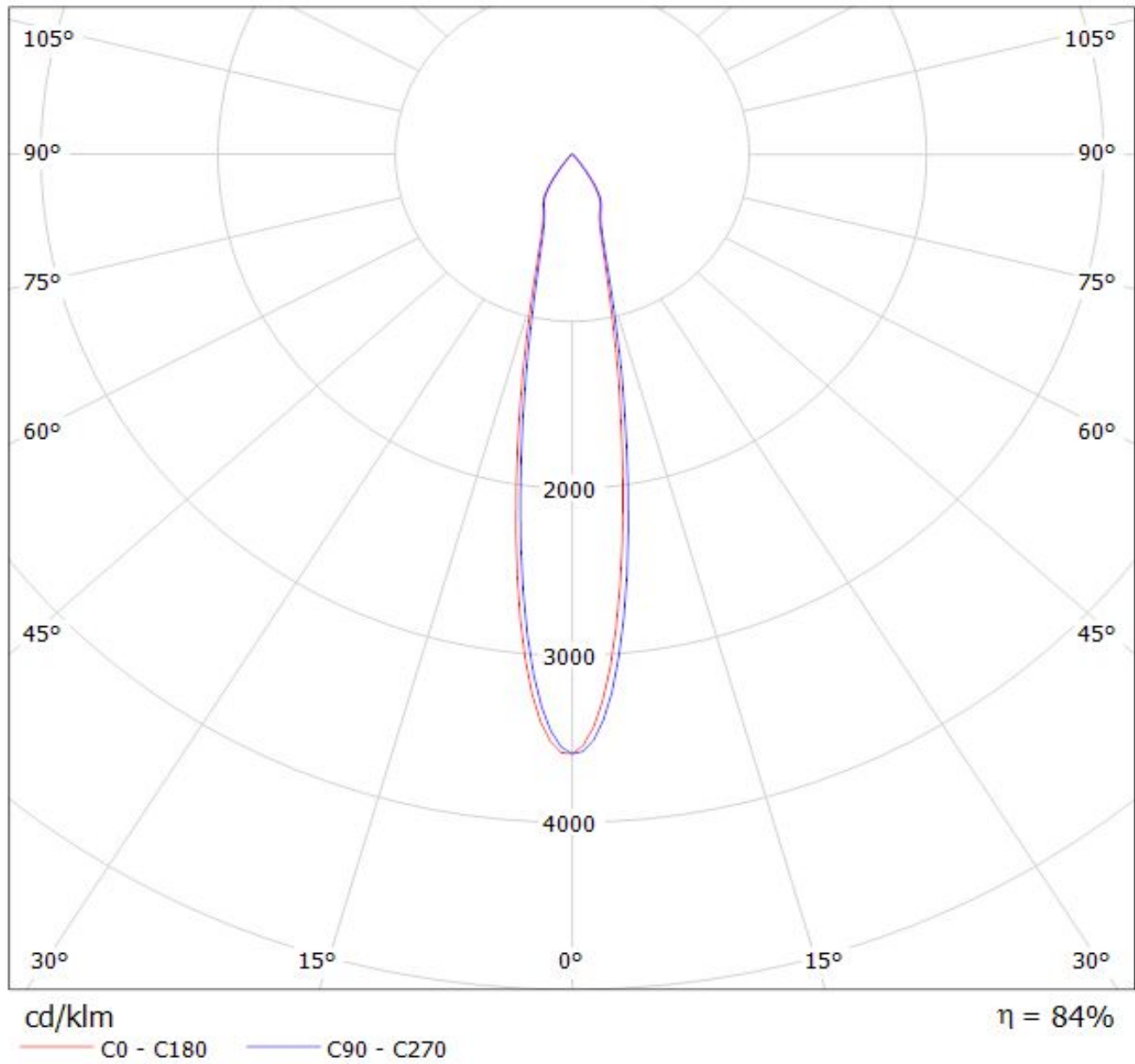


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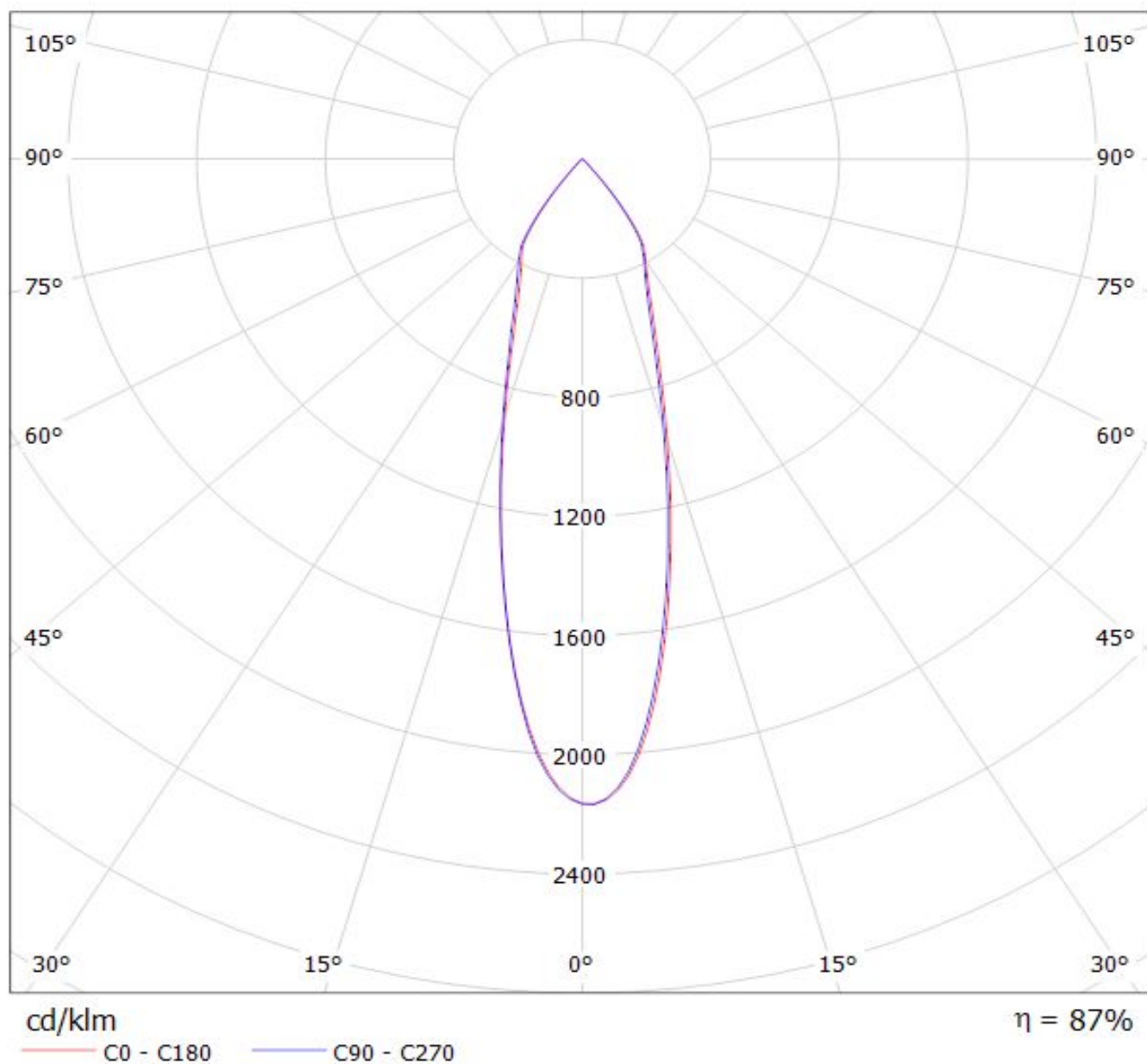
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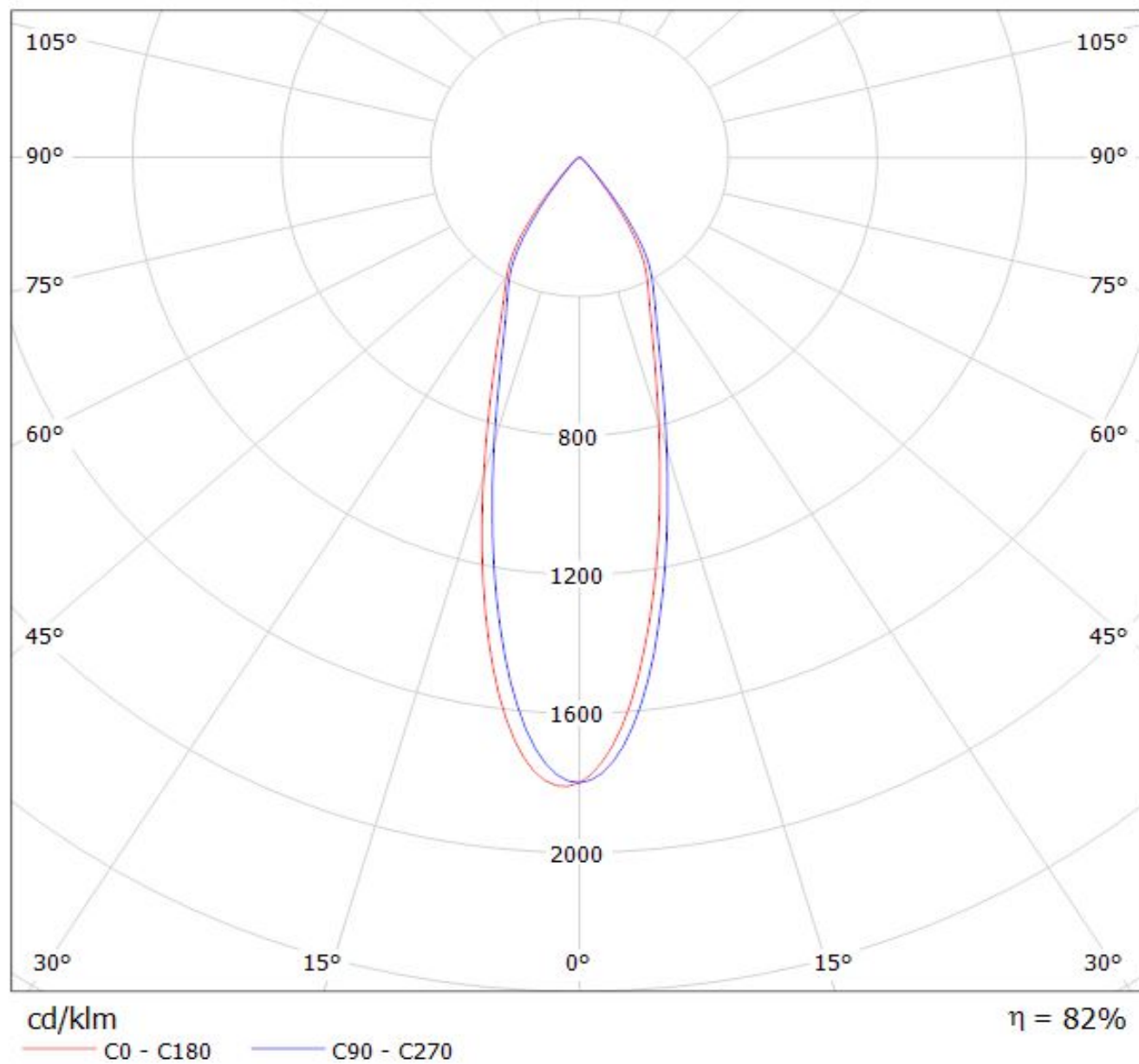


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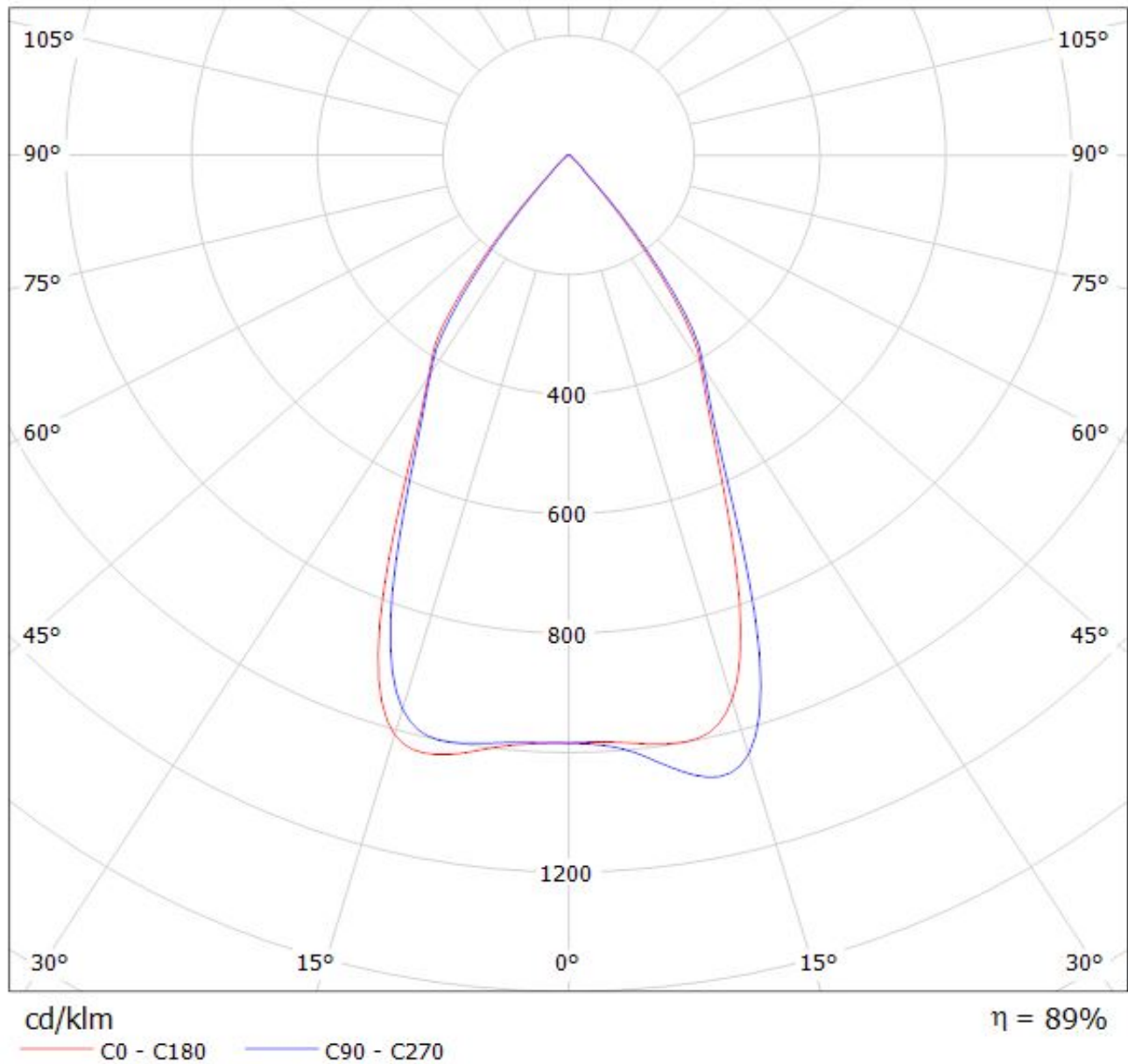


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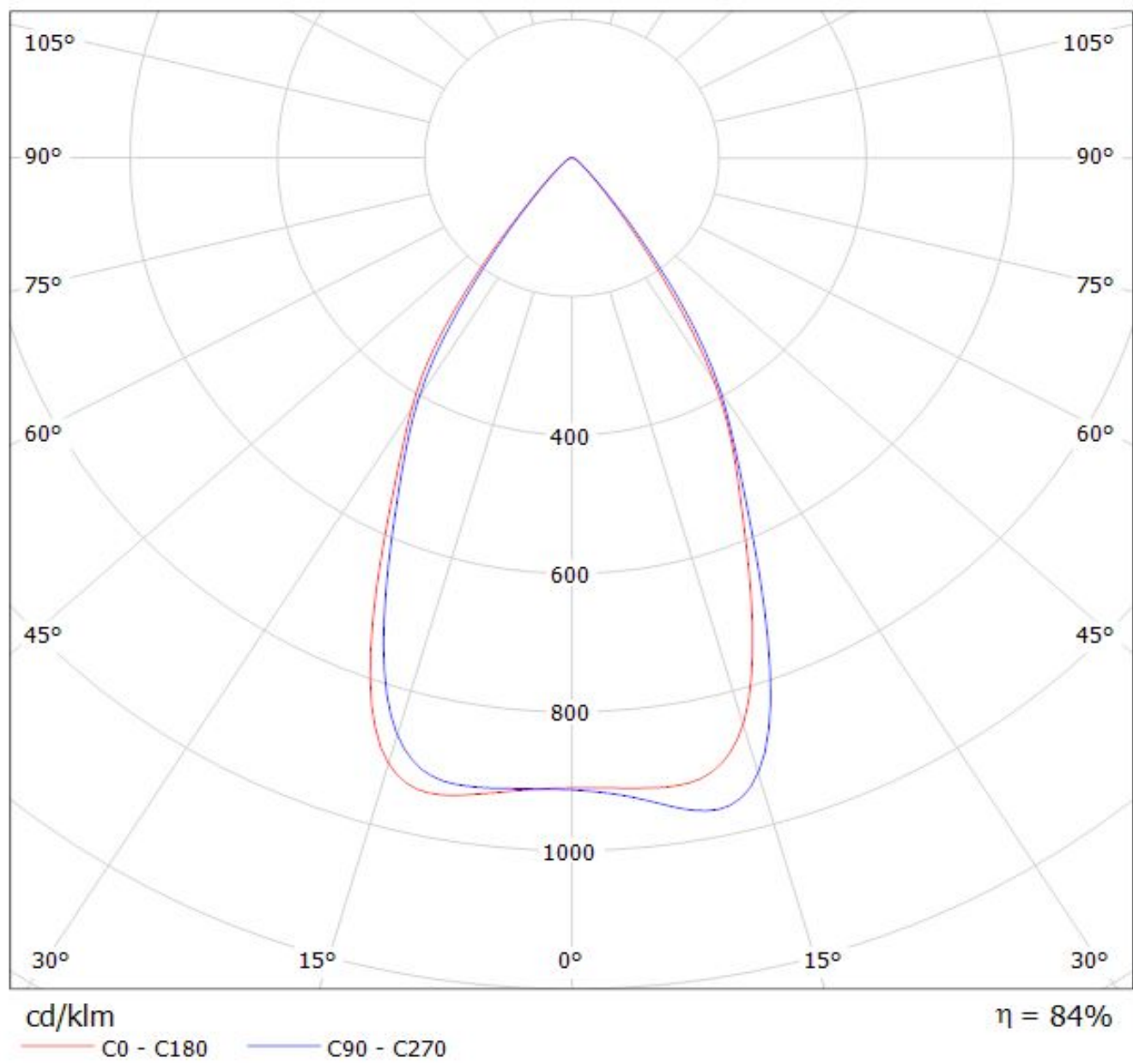
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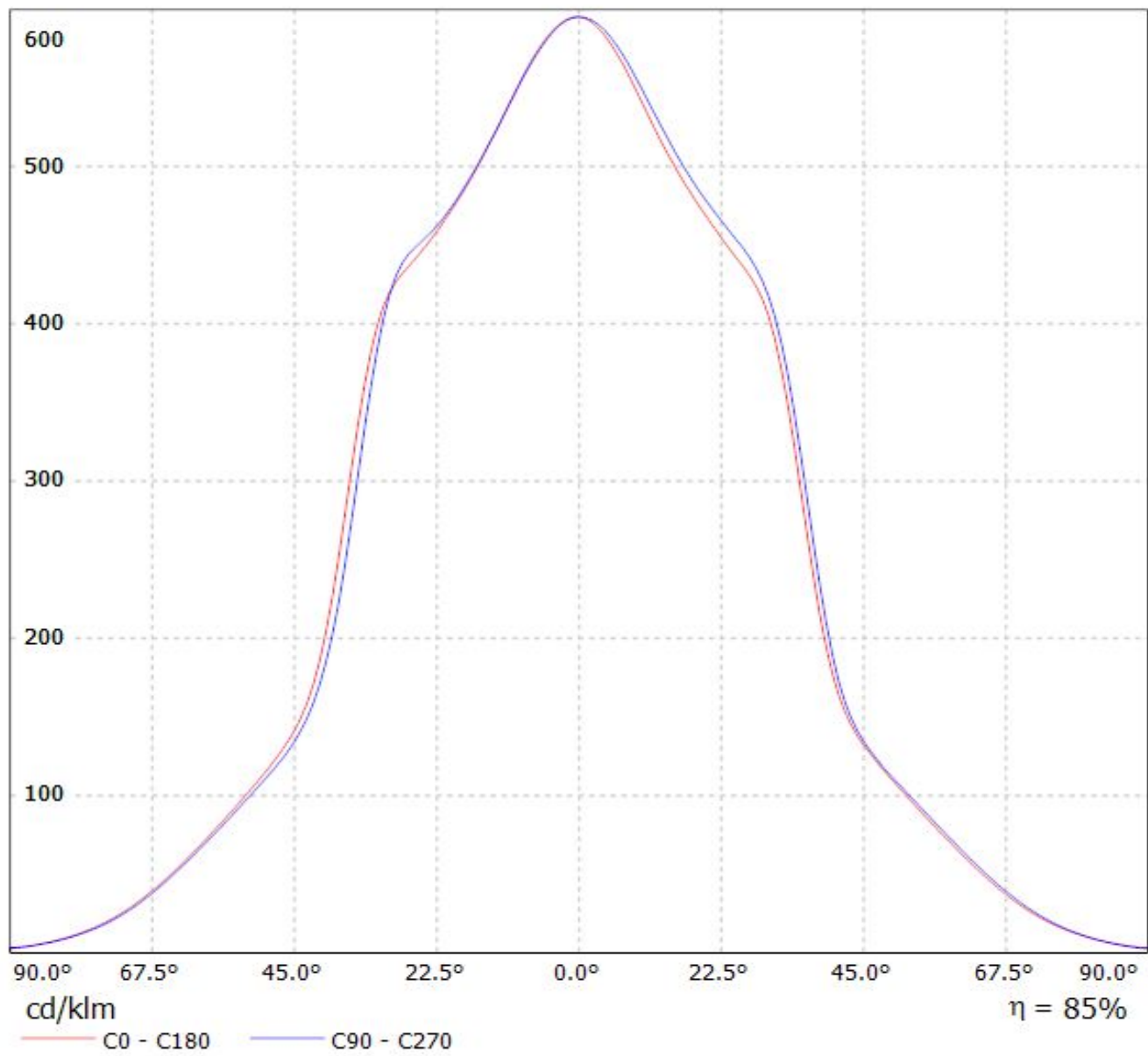
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