

**Ordering number CN12706_LENINA-S**

Family	Lenina	FWHM	29 degrees
Type	Pack	Efficiency	86 %
LED	ZC-40	cd/lm	2.200
Color	Metal	Gerber File	Available
Diameter	74 mm		
Height	46.3 mm		
Style	Round		
Optic Material	PC		
Holder Material	PC		
Fastening	Screw		
Status	Ready		

**Ordering number CN12709_LENINA-S-DL**

Family	Lenina	FWHM	30 degrees
Type	Pack	Efficiency	82 %
LED	ZC-40	cd/lm	1.900
Color	Metal	Gerber File	Available
Diameter	74 mm		
Height	48.4 mm		
Style	Round		
Optic Material	PC		
Holder Material	PC		
Fastening	Screw		
Status	Ready		

**Ordering number CN12707_LENINA-M**

Family	Lenina	FWHM	42 degrees
Type	Pack	Efficiency	85 %
LED	ZC-40	cd/lm	1.400
Color	Metal	Gerber File	Available
Diameter	74 mm		
Height	46.3 mm		
Style	Round		
Optic Material	PC		
Holder Material	PC		
Fastening	Screw		
Status	Ready		

**Ordering number CN12710_LENINA-M-DL**

Family	Lenina	FWHM	44 degrees
Type	Pack	Efficiency	81 %
LED	ZC-40	cd/lm	1.200
Color	Metal	Gerber File	Available
Diameter	74 mm		
Height	48.4 mm		
Style	Round		
Optic Material	PC		
Holder Material	PC		
Fastening	Screw		
Status	Ready		

**Ordering number CN12708_LENINA-W**

Family	Lenina	FWHM	60 degrees
Type	Pack	Efficiency	86 %
LED	ZC-40	cd/lm	0.900
Color	Metal	Gerber File	Available
Diameter	74 mm		
Height	46.3 mm		
Style	Round		
Optic Material	PC		
Holder Material	PC		
Fastening	Screw		
Status	Ready		

**Ordering number CN12711_LENINA-W-DL**

Family	Lenina	FWHM	60 degrees
Type	Pack	Efficiency	82 %
LED	ZC-40	cd/lm	0.900
Color	Metal	Gerber File	Available
Diameter	74 mm		
Height	48.4 mm		
Style	Round		
Optic Material	PC		
Holder Material	PC		
Fastening	Screw		
Status	Ready		

**Ordering number CN12965_LENINA-XW**

Family	Lenina	FWHM	73 degrees
Type	Pack	Efficiency	89 %
LED	ZC-40	cd/lm	0.600
Color	White	Gerber File	Available
Diameter	74 mm		
Height	46.3 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

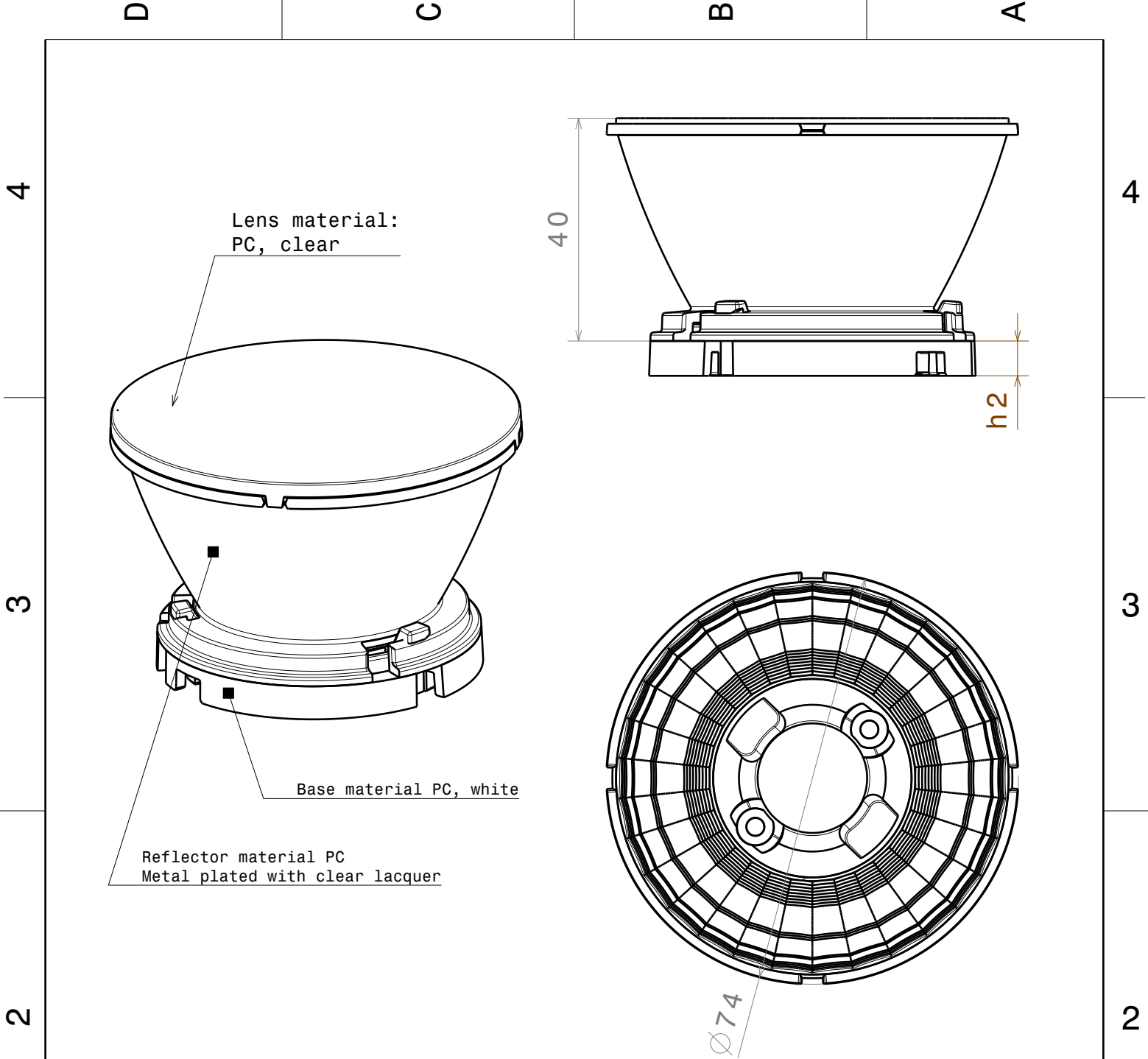
Lenina series

last update 21/3/2013



GENERAL INFORMATION


- Product series especially designed & optimized for ZC-40 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).



NOTE:

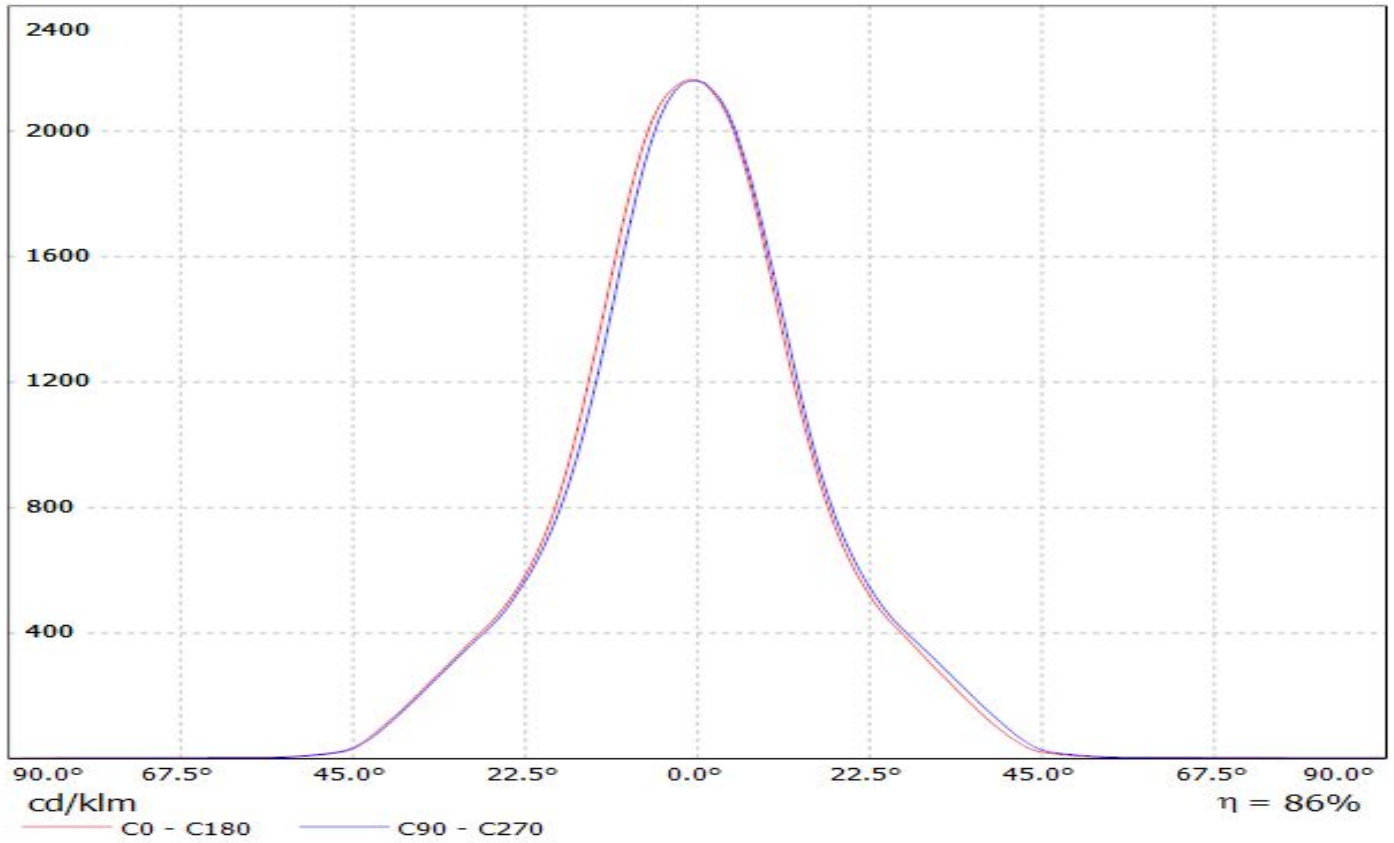
Using optional sublens, add 2.1mm to the system height

Dimension 'h2' varies from 4.5mm to 7mm depending on the LED specific base part

This drawing is our property. It can't be reproduced or communicated without our written agreement.				Ledil Oy Salorankatu 10 FIN-24240 SALO Finland	
				DRAWING TITLE	
DRAWN BY pl		DATE 08.03.2012		Datasheet Lenina series	
CHECKED BY		DATE			
DESIGNED BY pl		DATE 08.03.2012		SIZE A4	DRAWING NUMBER --
		SCALE	1:1	WEIGHT (g)	SHEET
					1/1

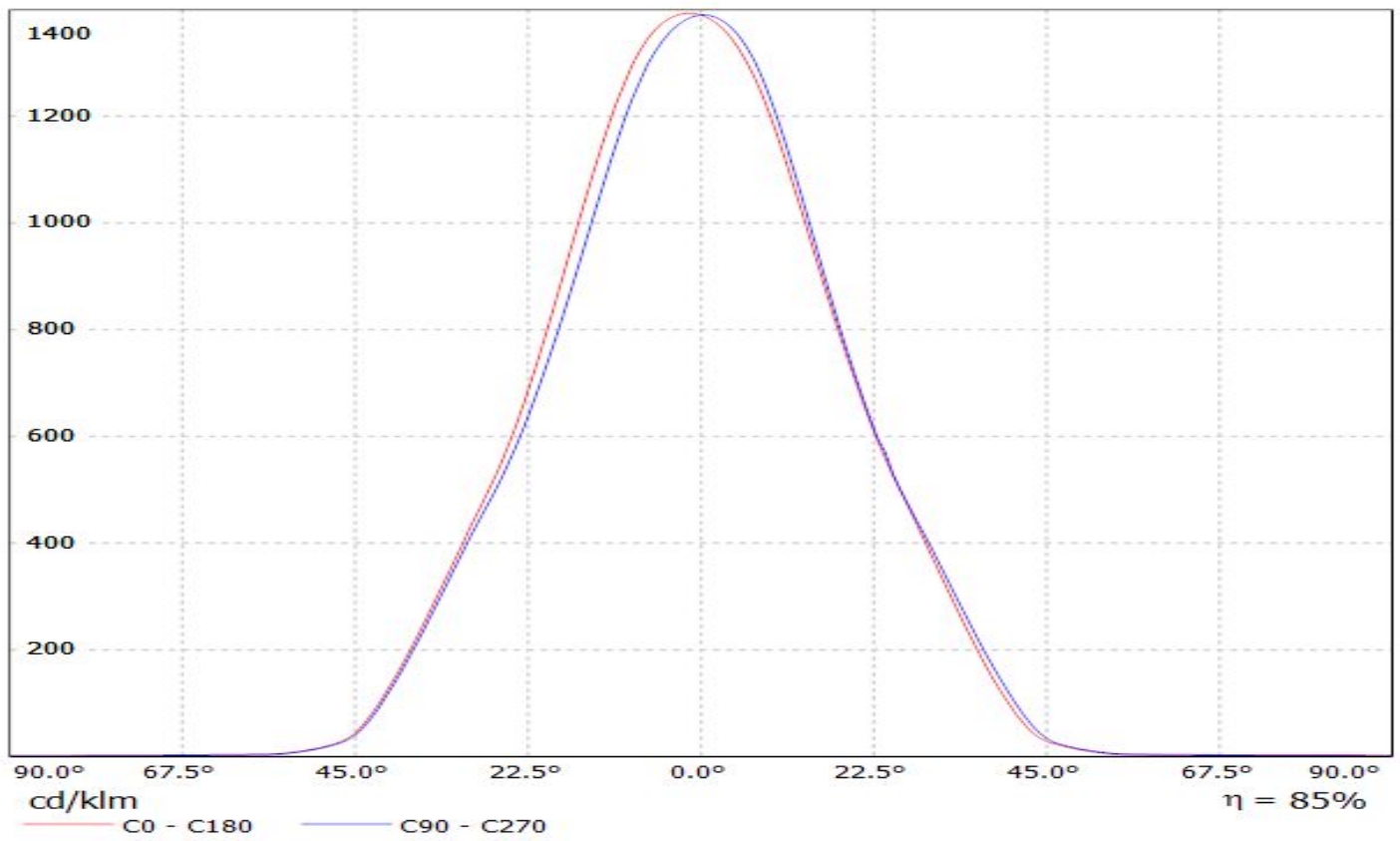
LEDiL Oy CN12706_LENINA-S_(ZC-40) Eff.86,3% / LDC (Linear)

Luminaire: LEDiL Oy CN12706_LENINA-S_(ZC-40) Eff.86,3%
Lamps: 1 x SEOUL_ZC-40 (1233.37lm@250mA)



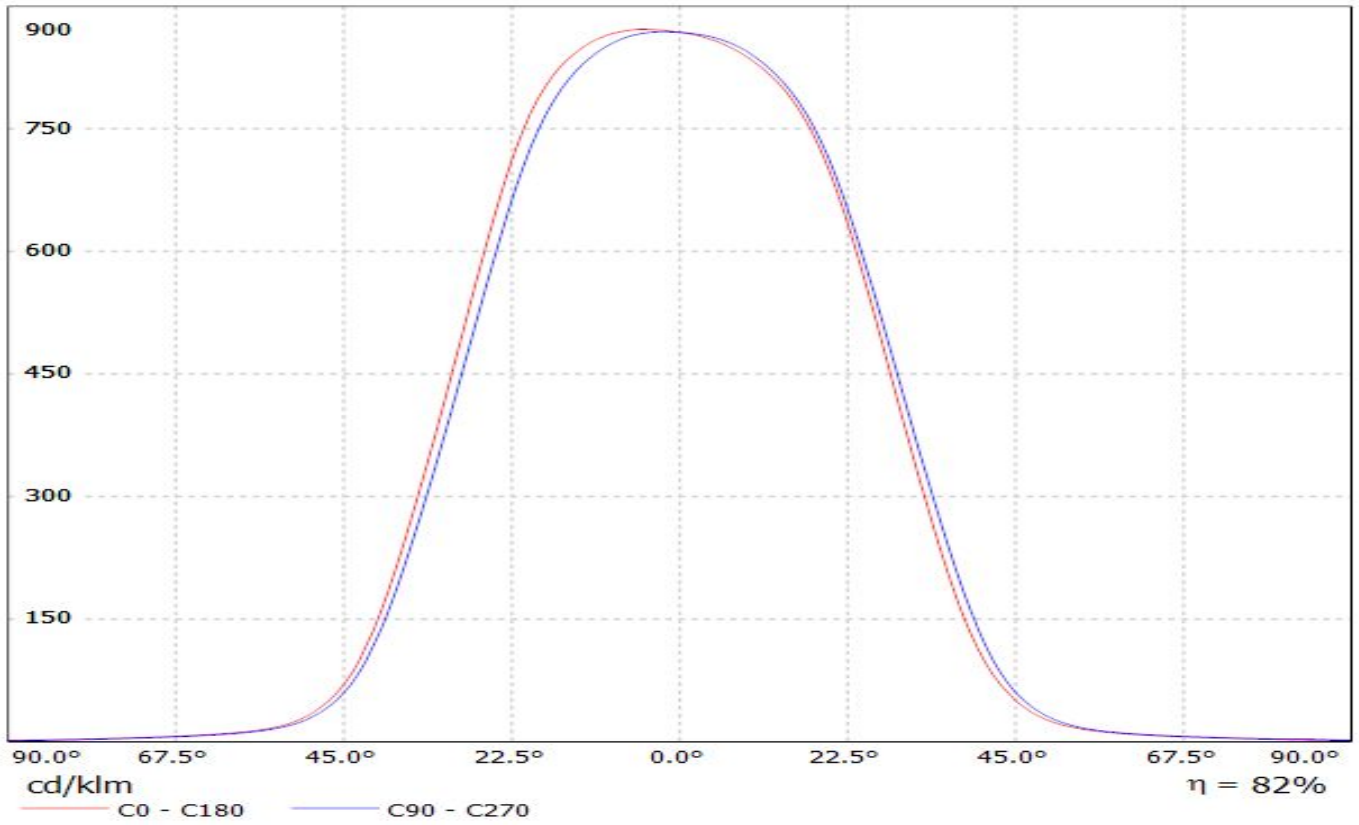
LEDiL Oy CN12707_LENINA-M_(ZC-40) Eff. 85,3% / LDC (Linear)

Luminaire: LEDiL Oy CN12707_LENINA-M_(ZC-40) Eff. 85,3%
Lamps: 1 x SEOUL_ZC-40 (1233.37lm@250mA)



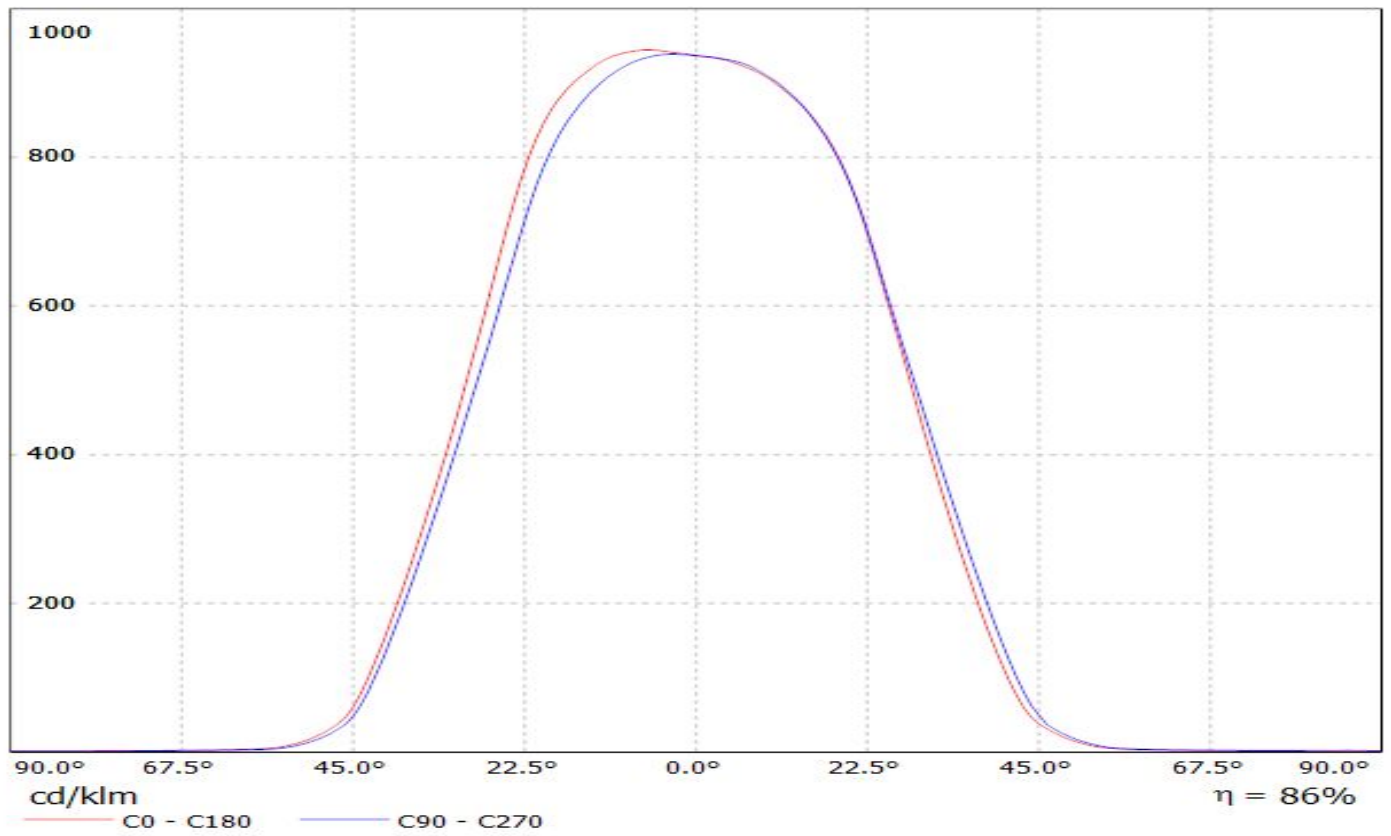
LEDiL Oy CN12711_LENINA-W-DL_(ZC-40) Eff. 82,16% / LDC (Linear)

Luminaire: LEDiL Oy CN12711_LENINA-W-DL_(ZC-40) Eff. 82,16%
Lamps: 1 x SEOUL_ZC-40 (1233.37lm@250mA)



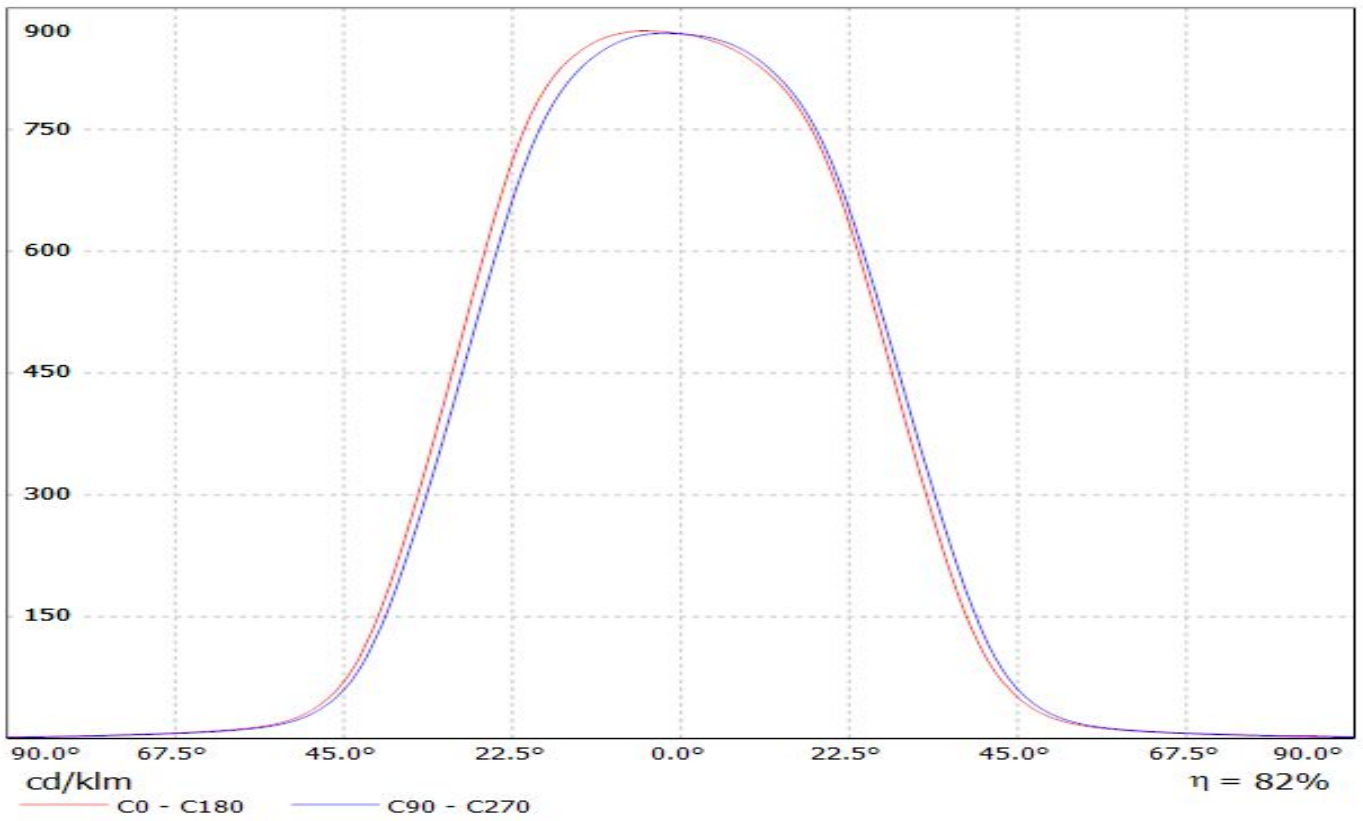
LEDiL Oy CN12708_LENINA-W_(ZC-40) Eff. 86,4% / LDC (Linear)

Luminaire: LEDiL Oy CN12708_LENINA-W_(ZC-40) Eff. 86,4%
Lamps: 1 x SEOUL_ZC-40 (1233.37lm@250mA)



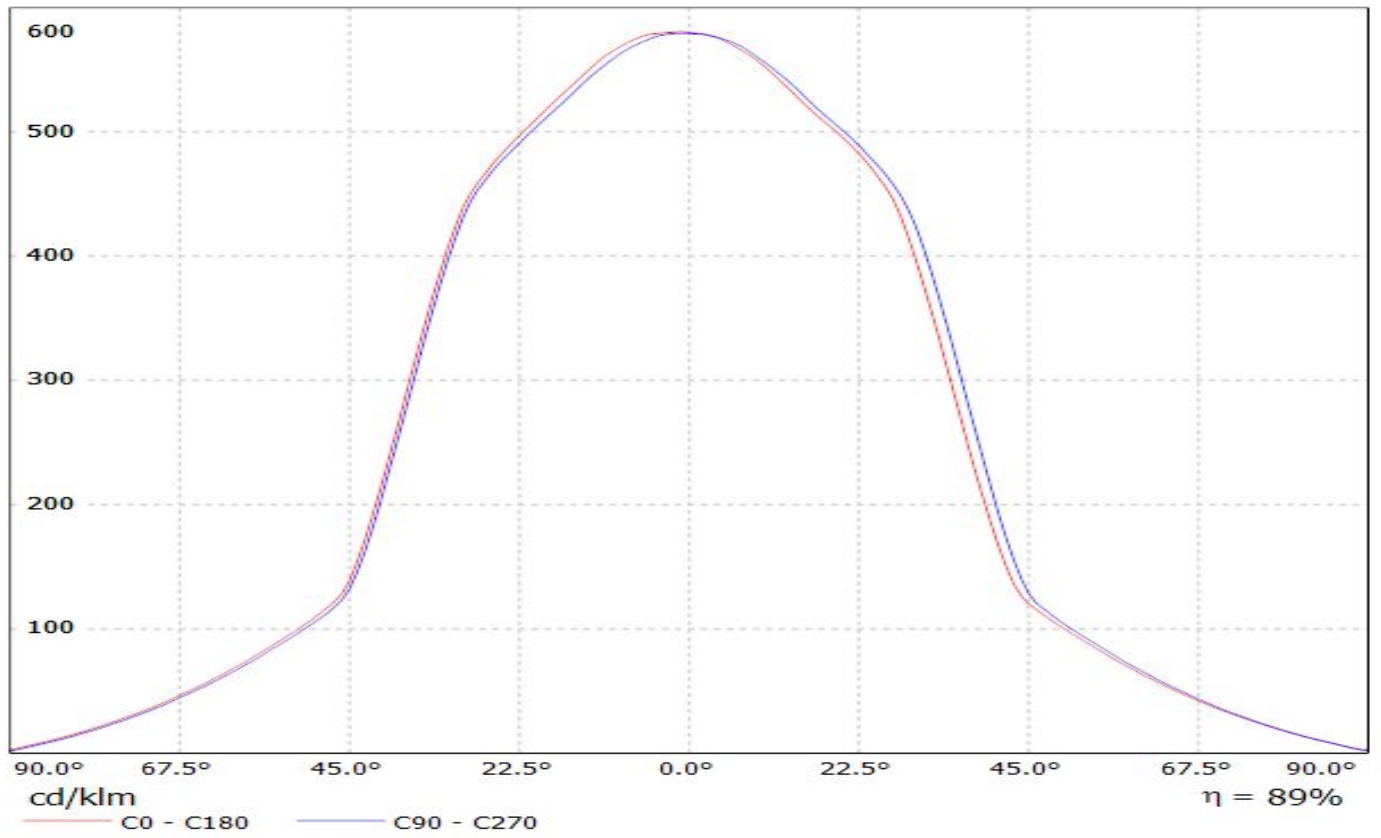
LEDiL Oy CN12711_LENINA-W-DL_(ZC-40) Eff. 82,16% / LDC (Linear)

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LEDiL Oy CN12965_LENINA-XW_(ZC-40) Eff.89.2% / LDC (Linear)

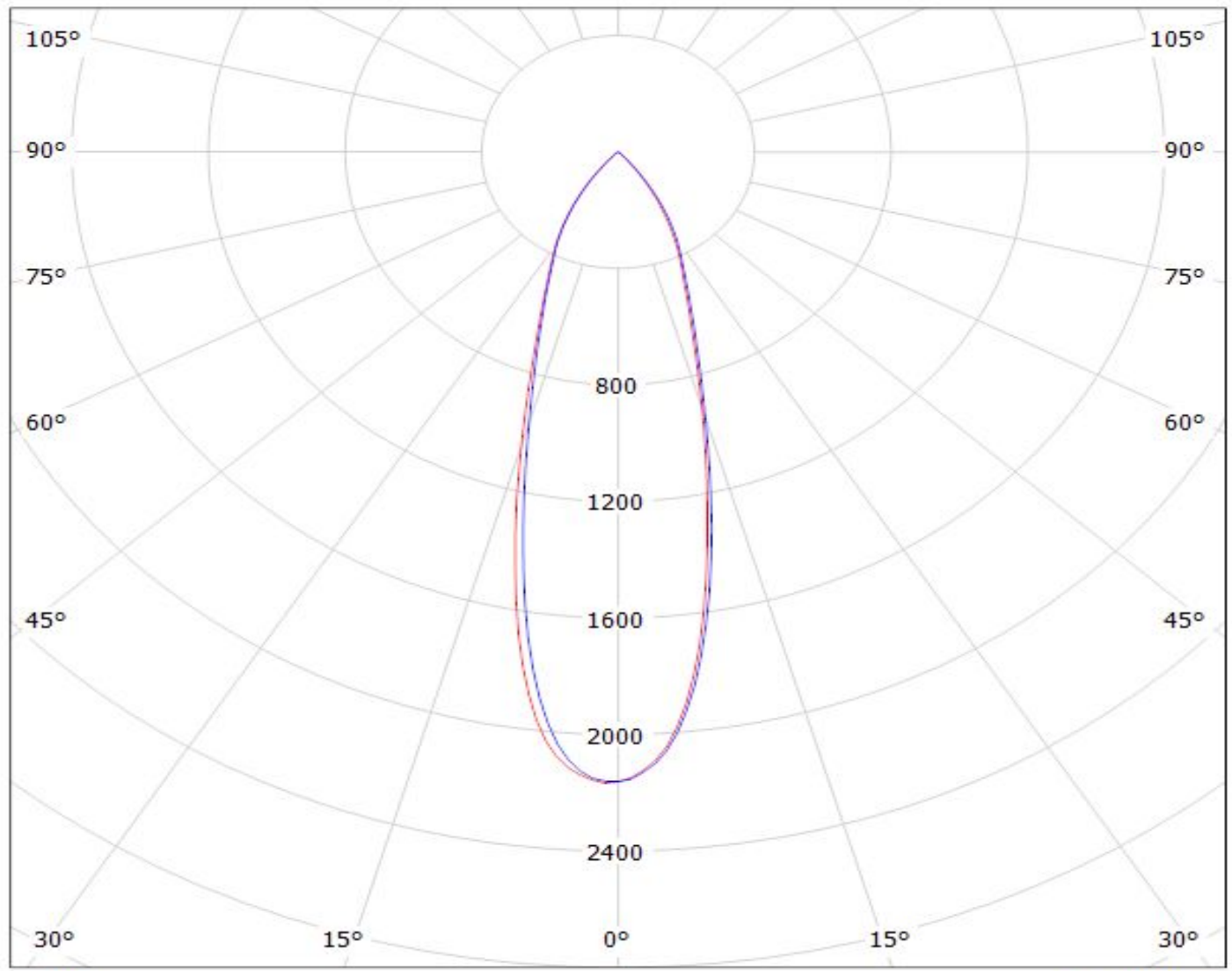
Luminaire: LEDiL Oy CN12965_LENINA-XW_(ZC-40) Eff.89.2%
Lamps: 1 x SEOUL_ZC-40 (1233.37lm@250mA)



LEDiL Oy CN12706_LENINA-S_(ZC-40) Eff.86,3% / LDC (Polar)

Luminaire: LEDiL Oy CN12706_LENINA-S_(ZC-40) Eff.86,3%

Lamps: 1 x SEOUL_ZC-40 (1233.37lm@250mA)



cd/klm

— C0 - C180

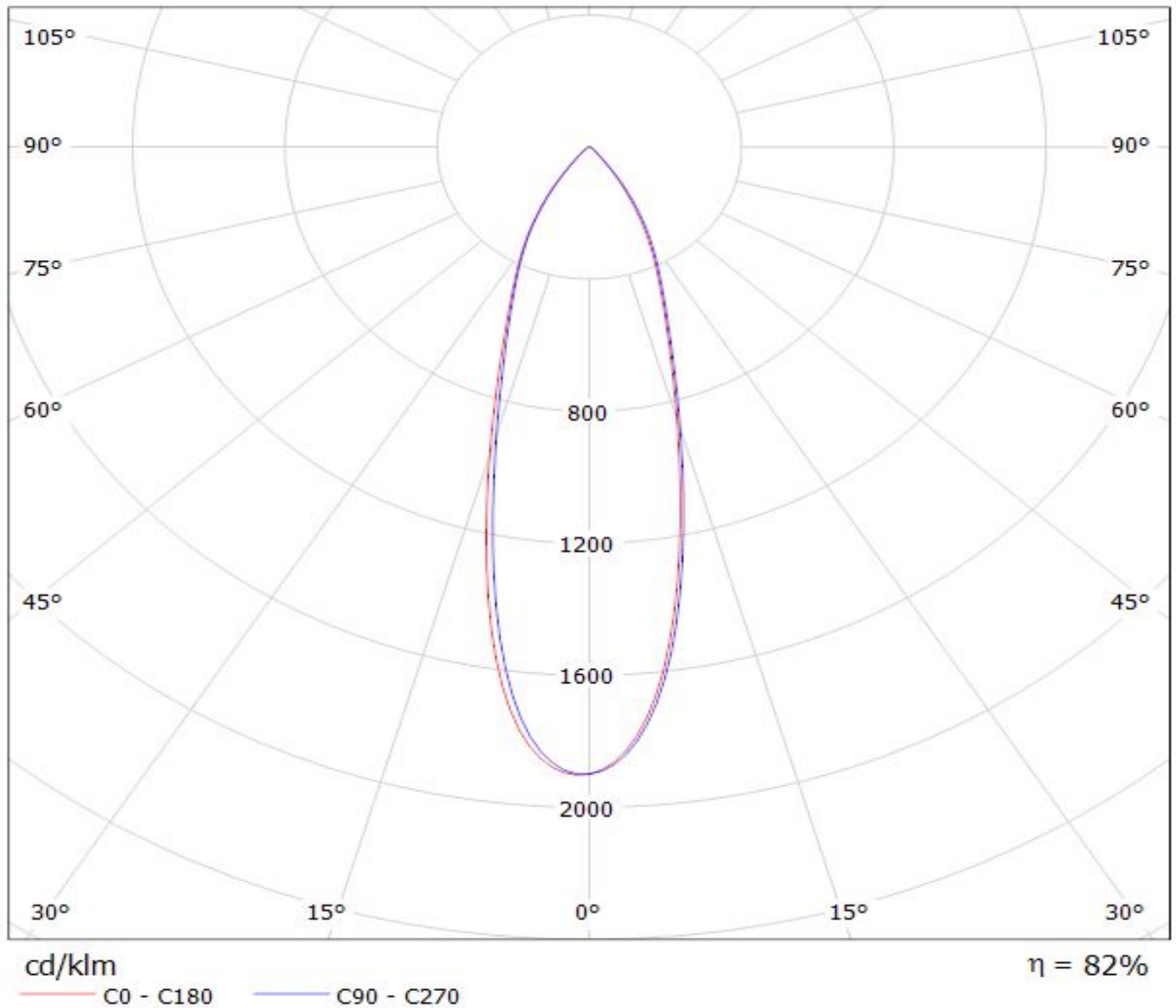
— C90 - C270

$\eta = 86\%$

LEDiL Oy CN12709_LENINA-S-DL_(ZC-40) Eff. 81,9% / LDC (Polar)

Luminaire: LEDiL Oy CN12709_LENINA-S-DL_(ZC-40) Eff. 81,9%

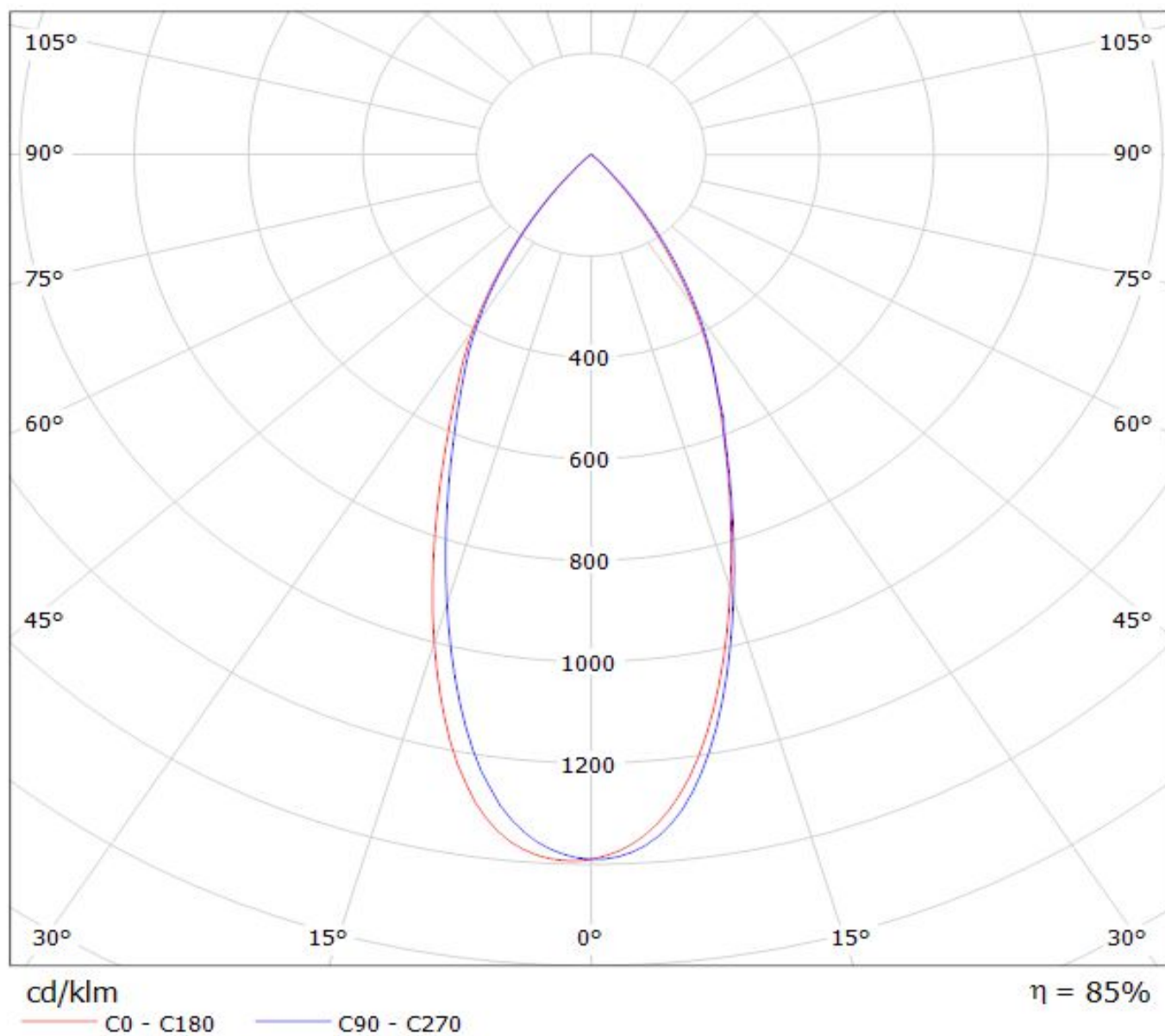
Lamps: 1 x SEOUL_ZC-40 (1233.37lm@250mA)



LEDiL Oy CN12707_LENINA-M_(ZC-40) Eff. 85,3% / LDC (Polar)

Luminaire: LEDiL Oy CN12707_LENINA-M_(ZC-40) Eff. 85,3%

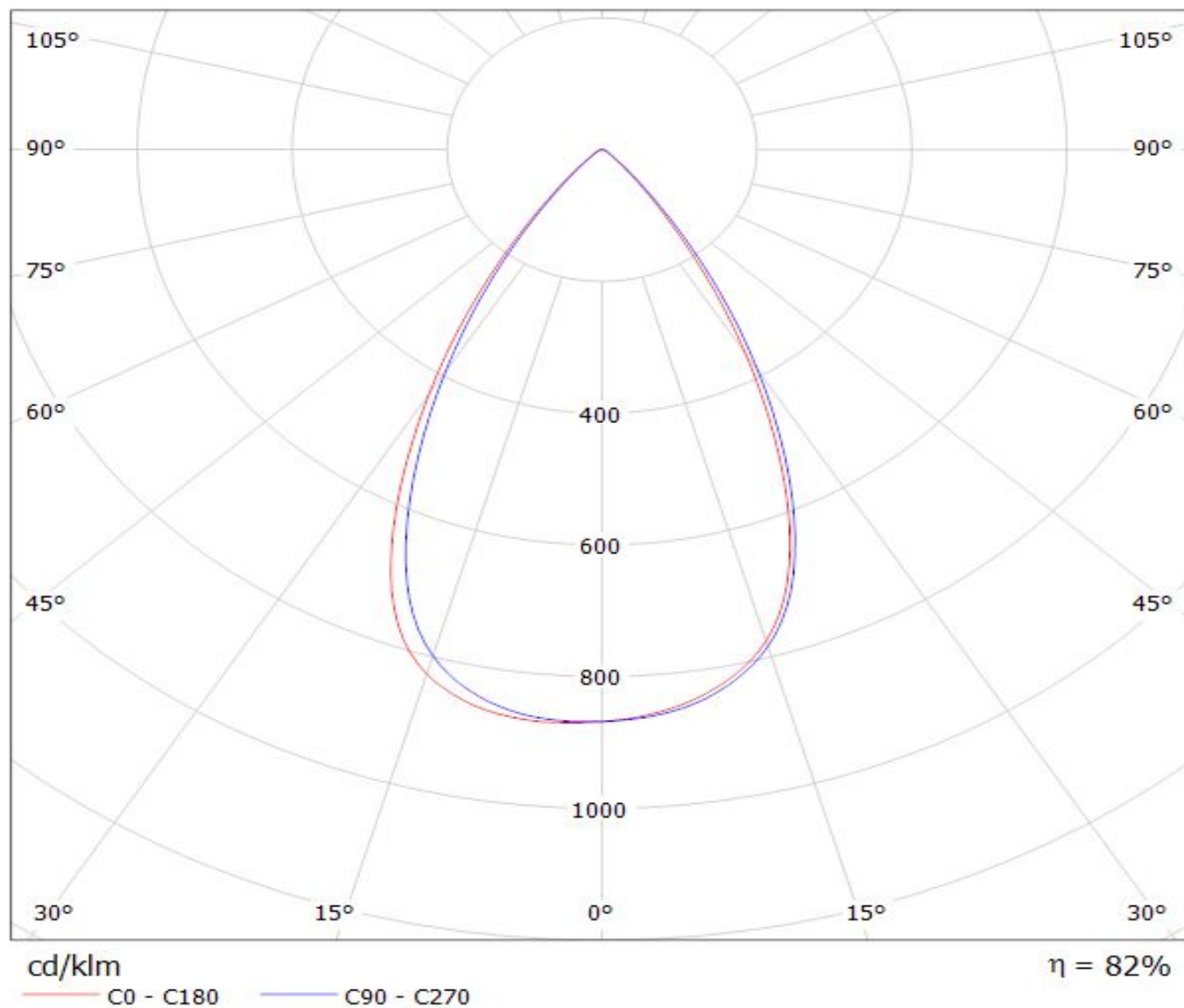
Lamps: 1 x SEOUL_ZC-40 (1233.37lm@250mA)



LEDiL Oy CN12711_LENINA-W-DL_(ZC-40) Eff. 82,16% / LDC (Polar)

Luminaire: LEDiL Oy CN12711_LENINA-W-DL_(ZC-40) Eff. 82,16%

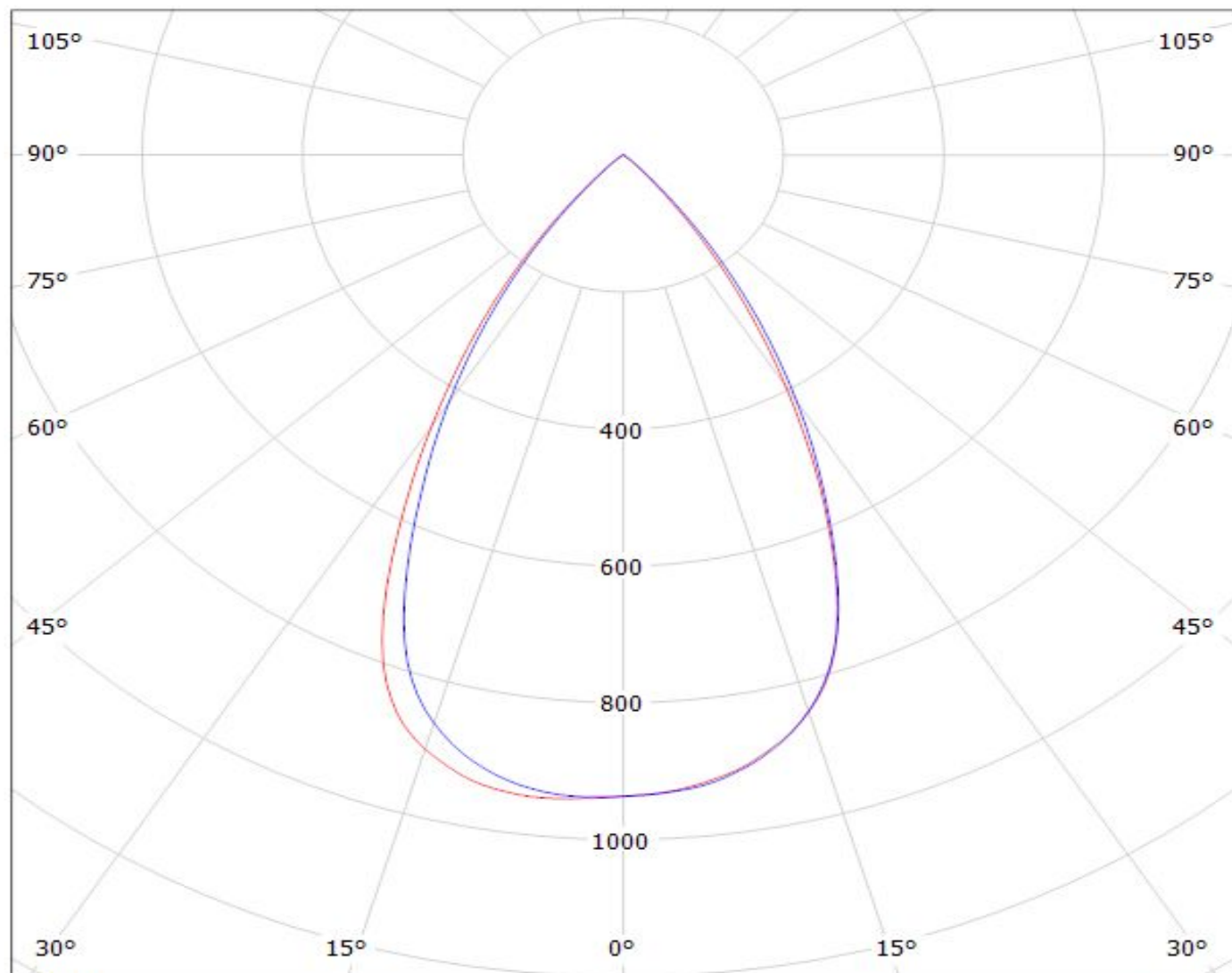
Lamps: 1 x SEOUL_ZC-40 (1233.37lm@250mA)



LEDiL Oy CN12708_LENINA-W_(ZC-40) Eff. 86,4% / LDC (Polar)

Luminaire: LEDiL Oy CN12708_LENINA-W_(ZC-40) Eff. 86,4%

Lamps: 1 x SEOUL_ZC-40 (1233.37lm@250mA)



cd/klm

— C0 - C180

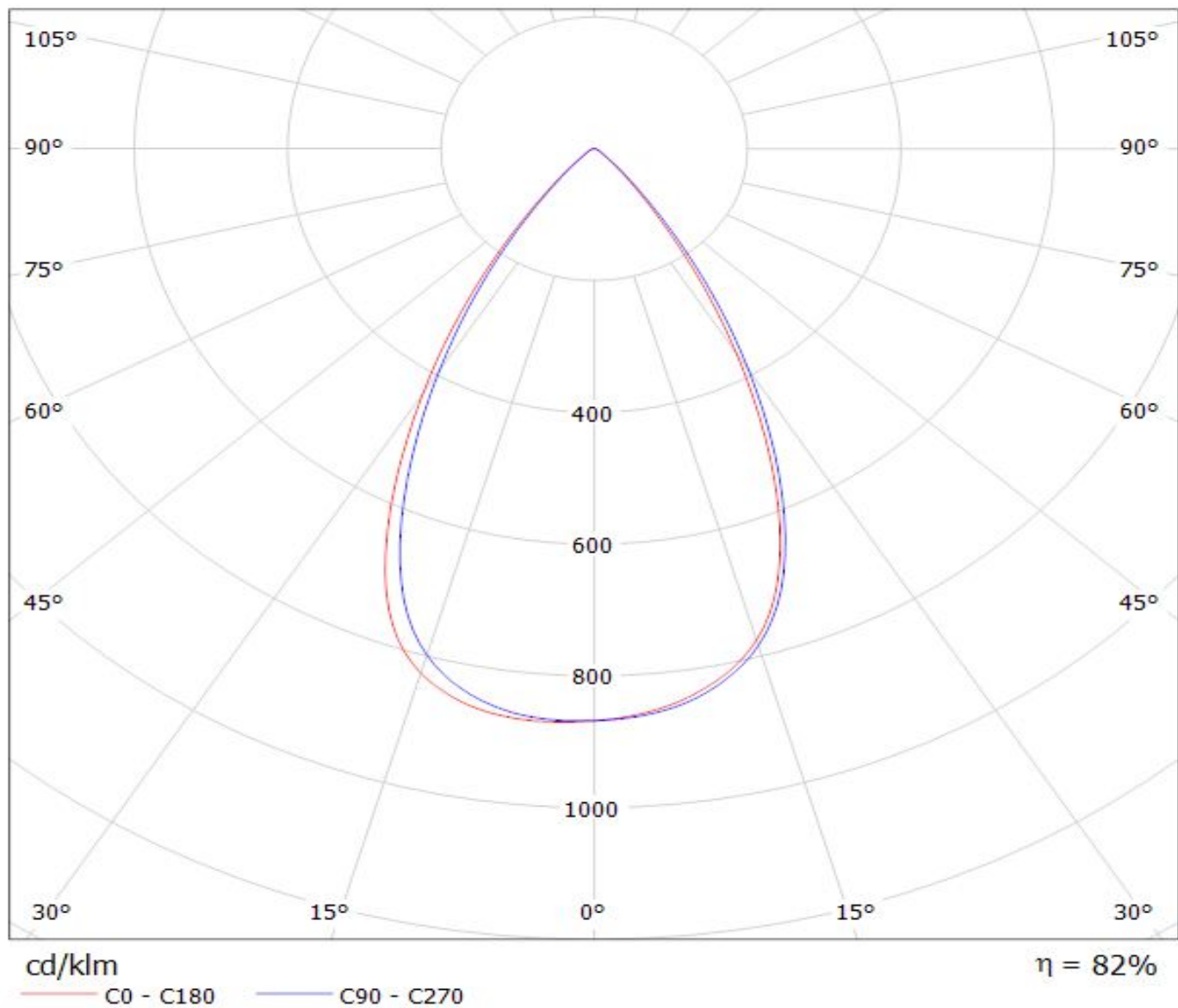
— C90 - C270

$\eta = 86\%$

LEDiL Oy CN12711_LENINA-W-DL_(ZC-40) Eff. 82,16% / LDC (Polar)

Luminaire: LEDiL Oy CN12711_LENINA-W-DL_(ZC-40) Eff. 82,16%

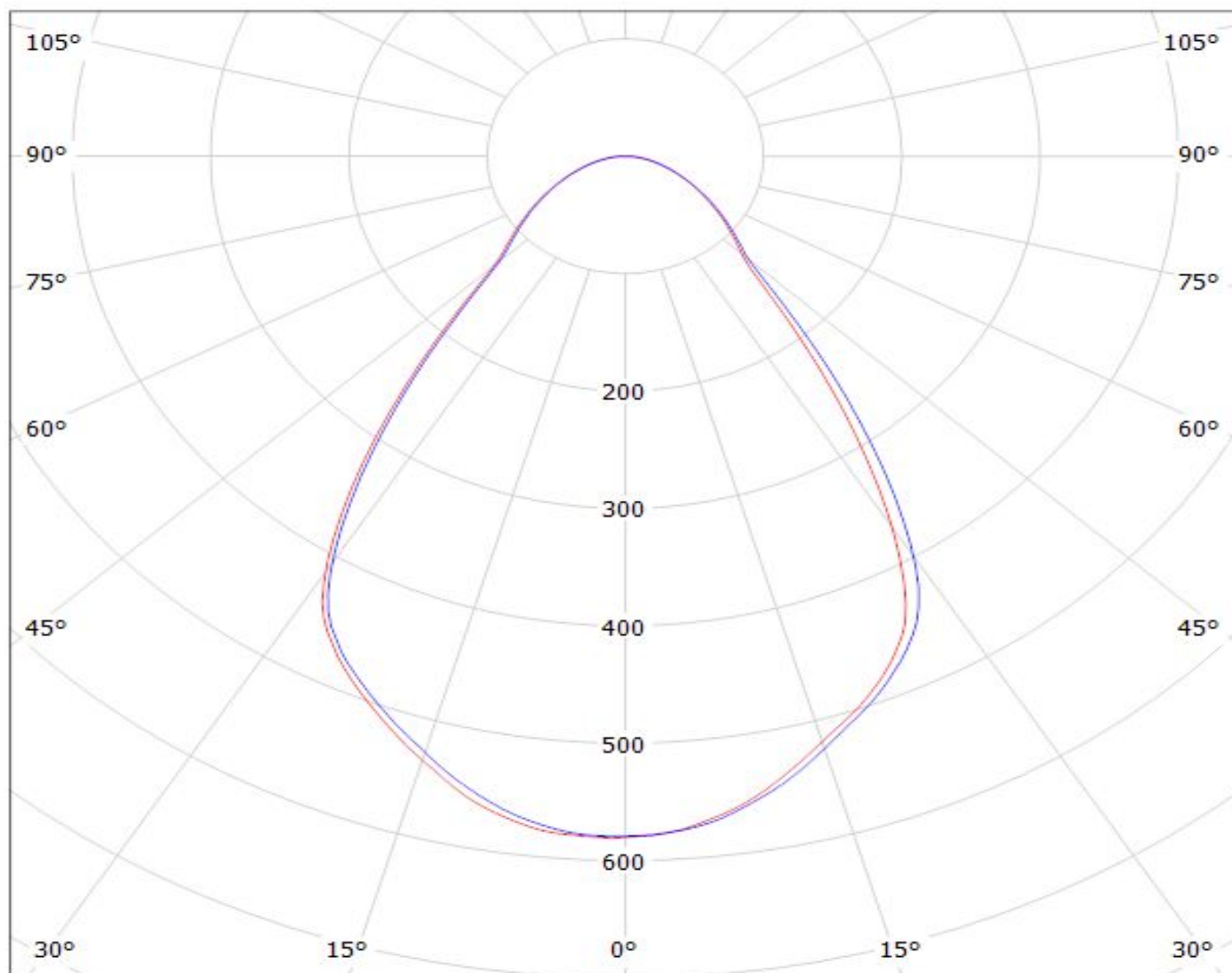
Lamps: 1 x SEOUL_ZC-40 (1233.37lm@250mA)



LEDiL Oy CN12965_LENINA-XW_(ZC-40) Eff.89.2% / LDC (Polar)

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cd/klm

— C0 - C180 — C90 - C270

$\eta = 89\%$