

**Ordering number** CN12656_LENINA-S

Family	Lenina	FWHM	28 degrees
Type	Pack	Efficiency	89 %
LED	BXRA RS	cd/Im	2.292
Color	Metal	Gerber File	Available
Diameter	74 mm		
Height	44.5 mm		
Style	Round		
Optic Material	PC		
Holder Material	PC		
Fastening	Screw		
Status	Ready		

**Ordering number** CN12659_LENINA-S-DL

Family	Lenina	FWHM	32 degrees
Type	Pack	Efficiency	81 %
LED	BXRA RS	cd/Im	2.000
Color	Metal	Gerber File	Available
Diameter	74 mm		
Height	46.6 mm		
Style	Round		
Optic Material	PC		
Holder Material	PC		
Fastening	Screw		
Status	Ready		

**Ordering number** CN12657_LENINA-M

Family	Lenina	FWHM	44 degrees
Type	Pack	Efficiency	88 %
LED	BXRA RS	cd/Im	1.373
Color	Metal	Gerber File	Available
Diameter	74 mm		
Height	44.5 mm		
Style	Round		
Optic Material	PC		
Holder Material	PC		
Fastening	Screw		
Status	Ready		

**Ordering number** CN12660_LENINA-M-DL

Family	Lenina	FWHM	47 degrees
Type	Pack	Efficiency	80 %
LED	BXRA RS	cd/Im	1.220
Color	Metal	Gerber File	Available
Diameter	74 mm		
Height	46.6 mm		
Style	Round		
Optic Material	PC		
Holder Material	PC		
Fastening	Screw		
Status	Ready		

**Ordering number** CN12661_LENINA-W-DL

Family	Lenina	FWHM	60 degrees
Type	Pack	Efficiency	80 %
LED	BXRA RS	cd/Im	0.816
Color	Metal	Gerber File	Available
Diameter	74 mm		
Height	46.6 mm		
Style	Round		
Optic Material	PC		
Holder Material	PC		
Fastening	Screw		
Status	Ready		

**Ordering number** CN12658_LENINA-W

Family	Lenina	FWHM	64 degrees
Type	Pack	Efficiency	88 %
LED	BXRA RS	cd/Im	0.888
Color	Metal	Gerber File	Available
Diameter	74 mm		
Height	44.5 mm		
Style	Round		
Optic Material	PC		
Holder Material	PC		
Fastening	Screw		
Status	Ready		

**Ordering number** CN12961_LENINA-XW

Family	Lenina	FWHM	76 degrees
Type	Pack	Efficiency	91 %
LED	BXRA RS	cd/Im	0.570
Color	White	Gerber File	Available
Diameter	74 mm		
Height	44.5 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

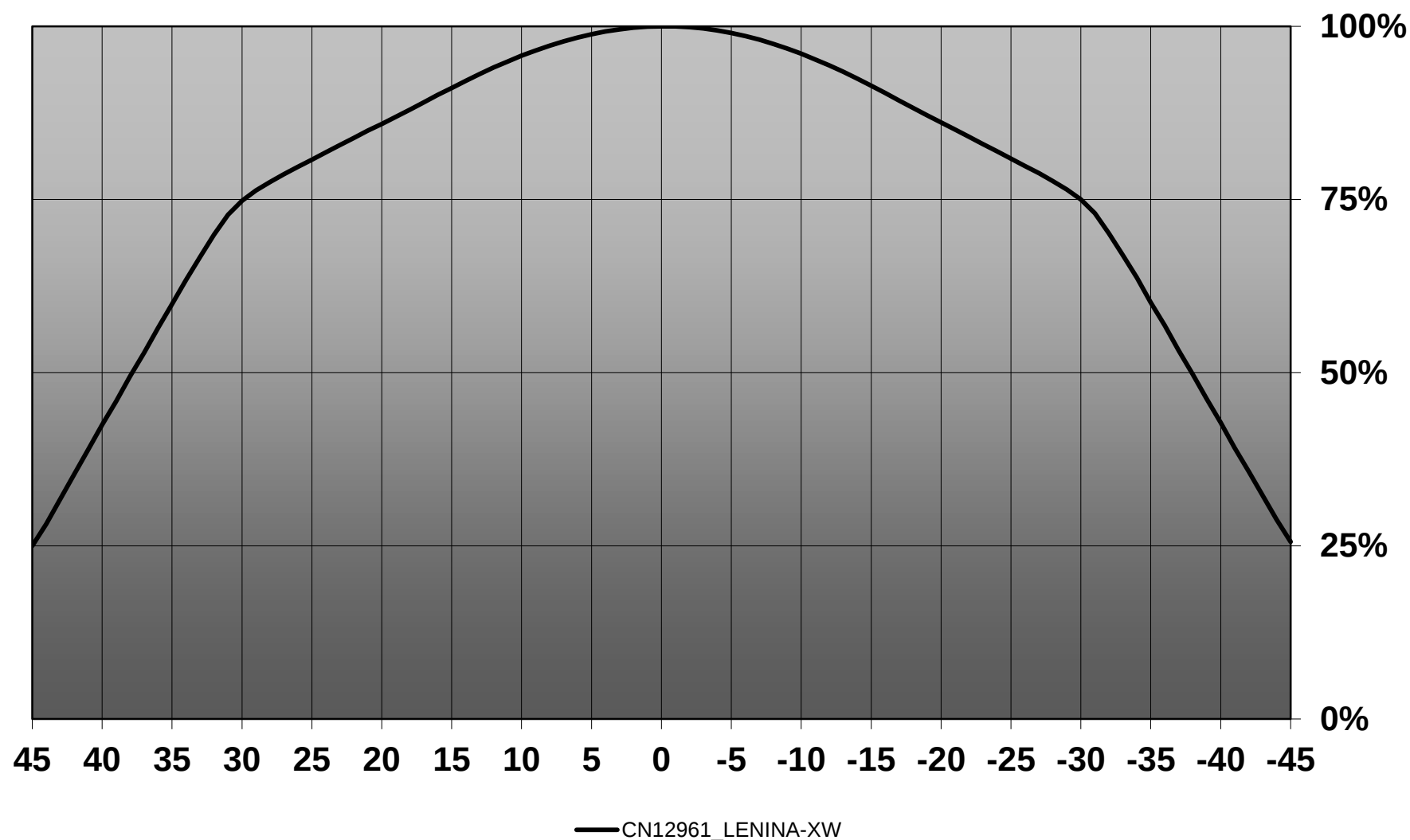
last update 5/3/2013

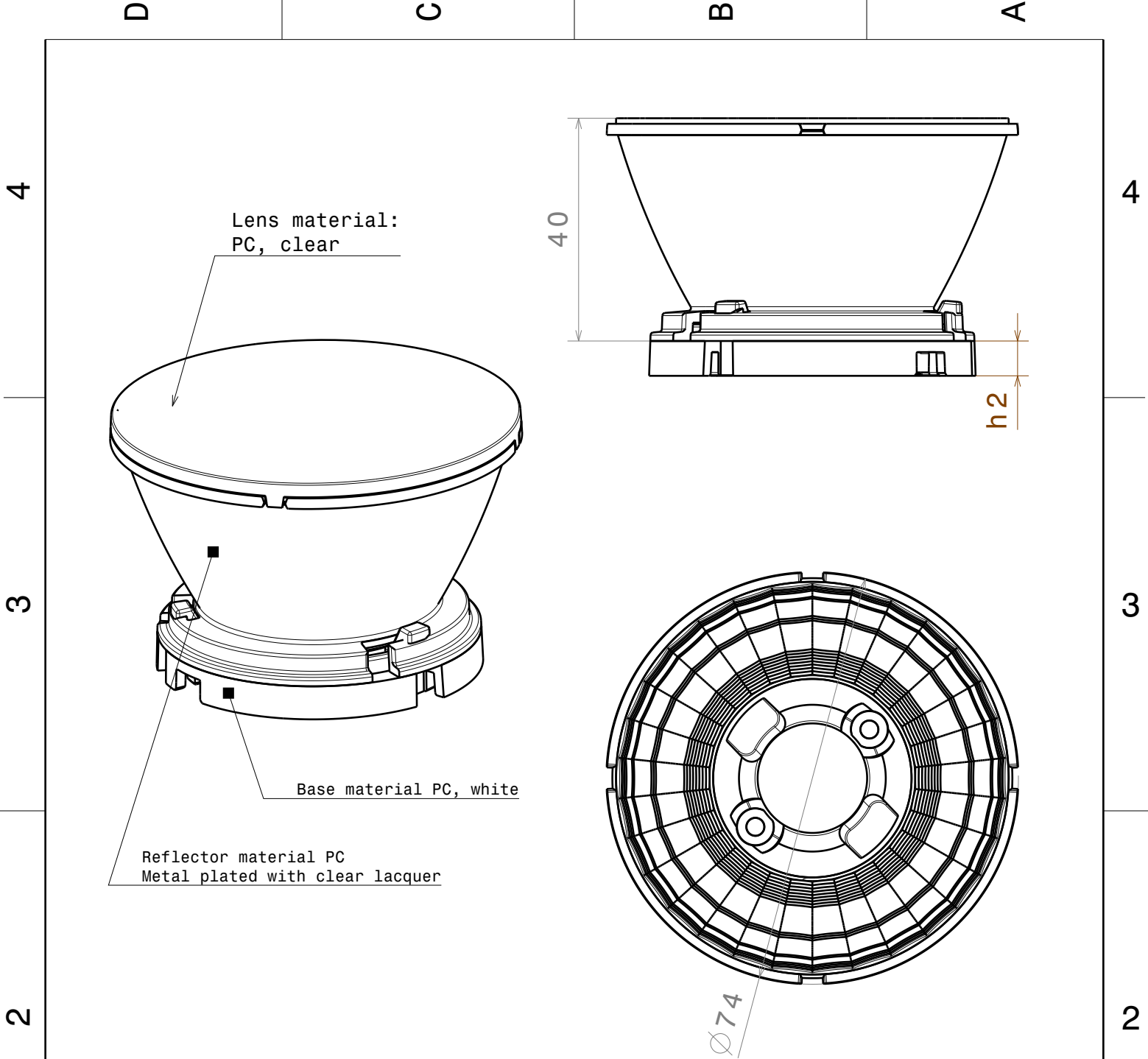


GENERAL INFORMATION

- Product series especially designed & optimized for BXRA RS 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).

Absolute intensity of CN12961_LENINA-XW



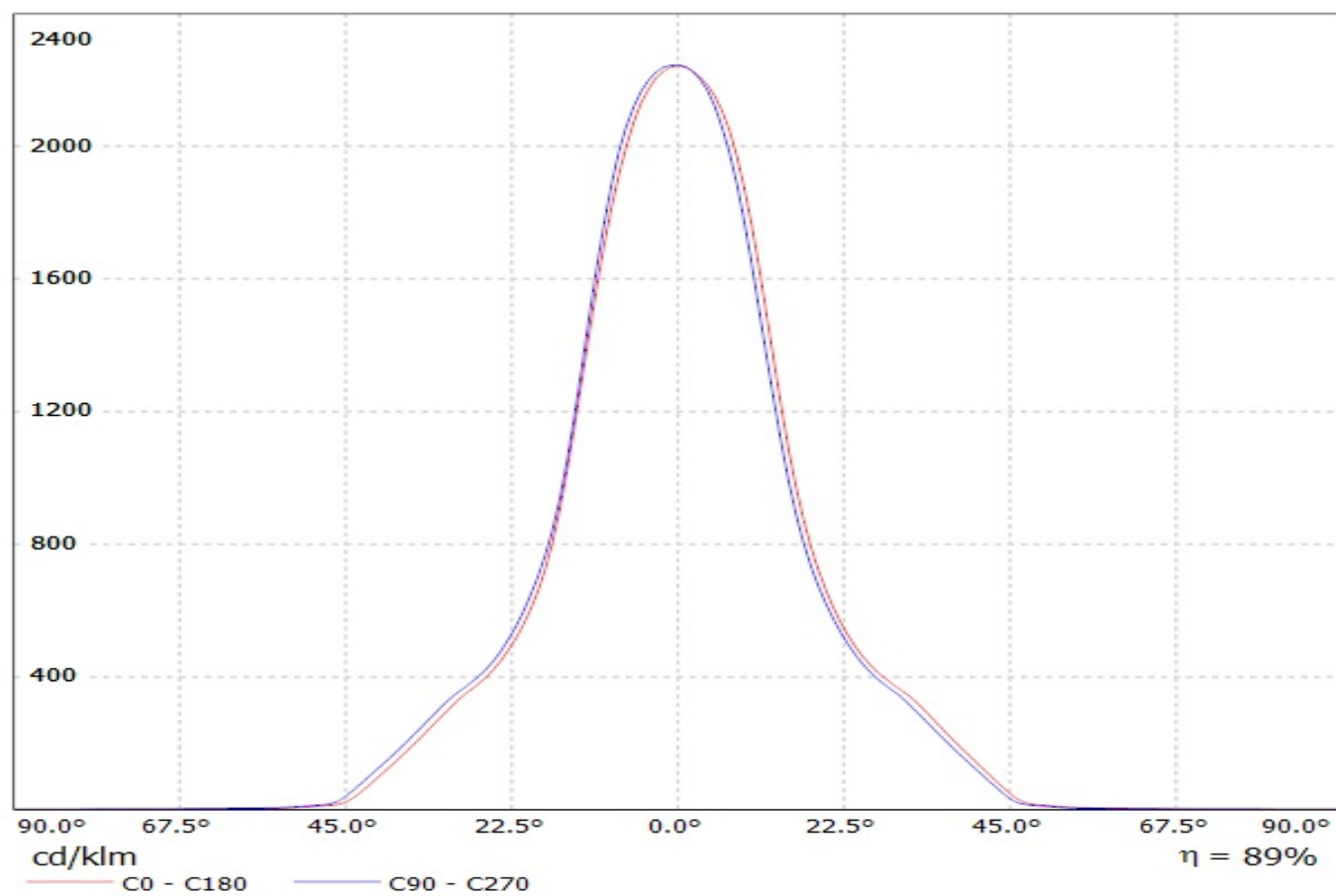


NOTE:
Using optional sublens, add 2.1mm to the system height

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			
		Datasheet Lenina series	
DRAWN BY pl	DATE 08.03.2012	SIZE A4	DRAWING NUMBER --
CHECKED BY	DATE	REV 1	
DESIGNED BY pl	DATE 08.03.2012	SCALE 1:1	WEIGHT (g)
		SHEET	1 / 1

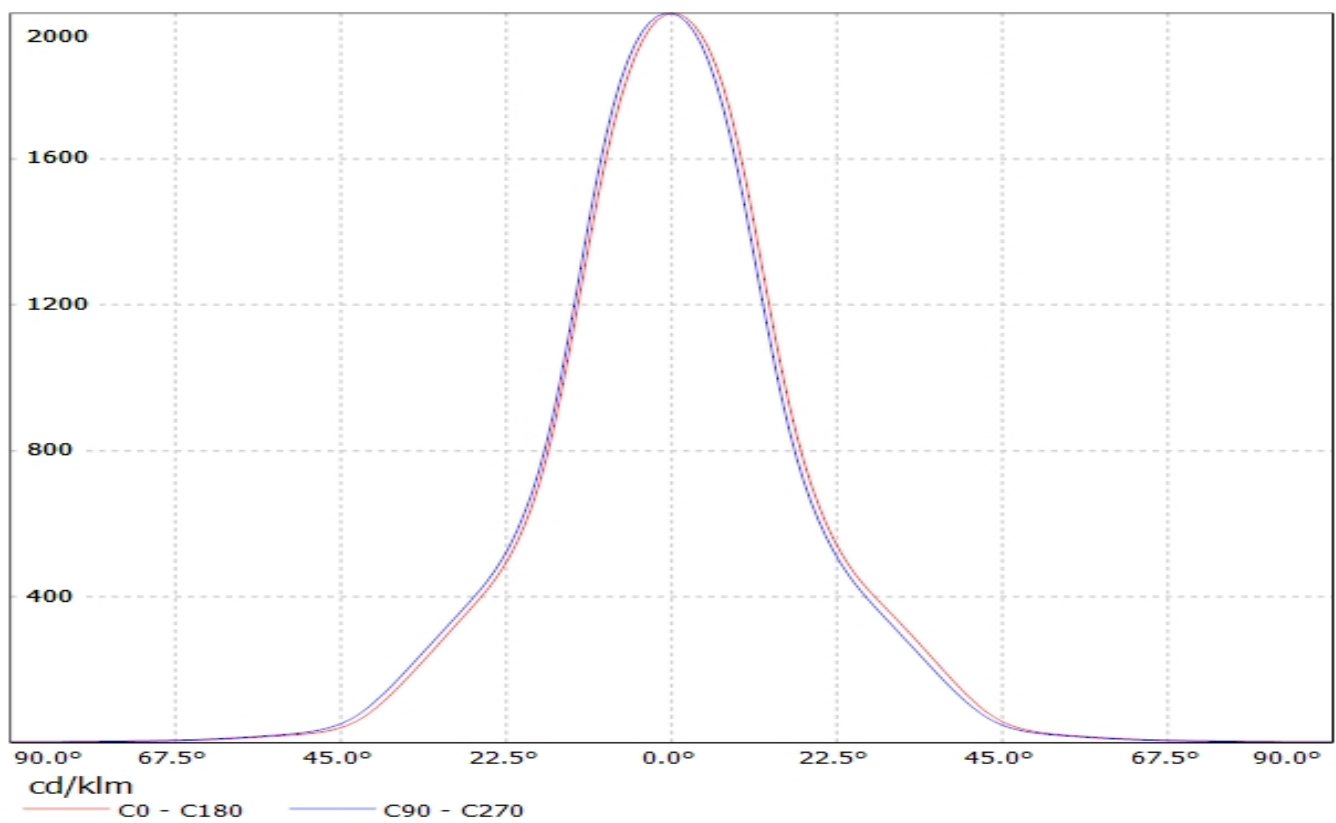
Luminaire: LEDIL OY CN12656_LENINA-S_(BRXA_RS)
Lamps: 1 x Bridgelux RS (591.4lm)



LEDIL OY CN12656_LENINA-S_(BRXA_RS)_DL / LDC (Linear)

Luminaire: LEDIL OY CN12656_LENINA-S_(BRXA_RS)_DL

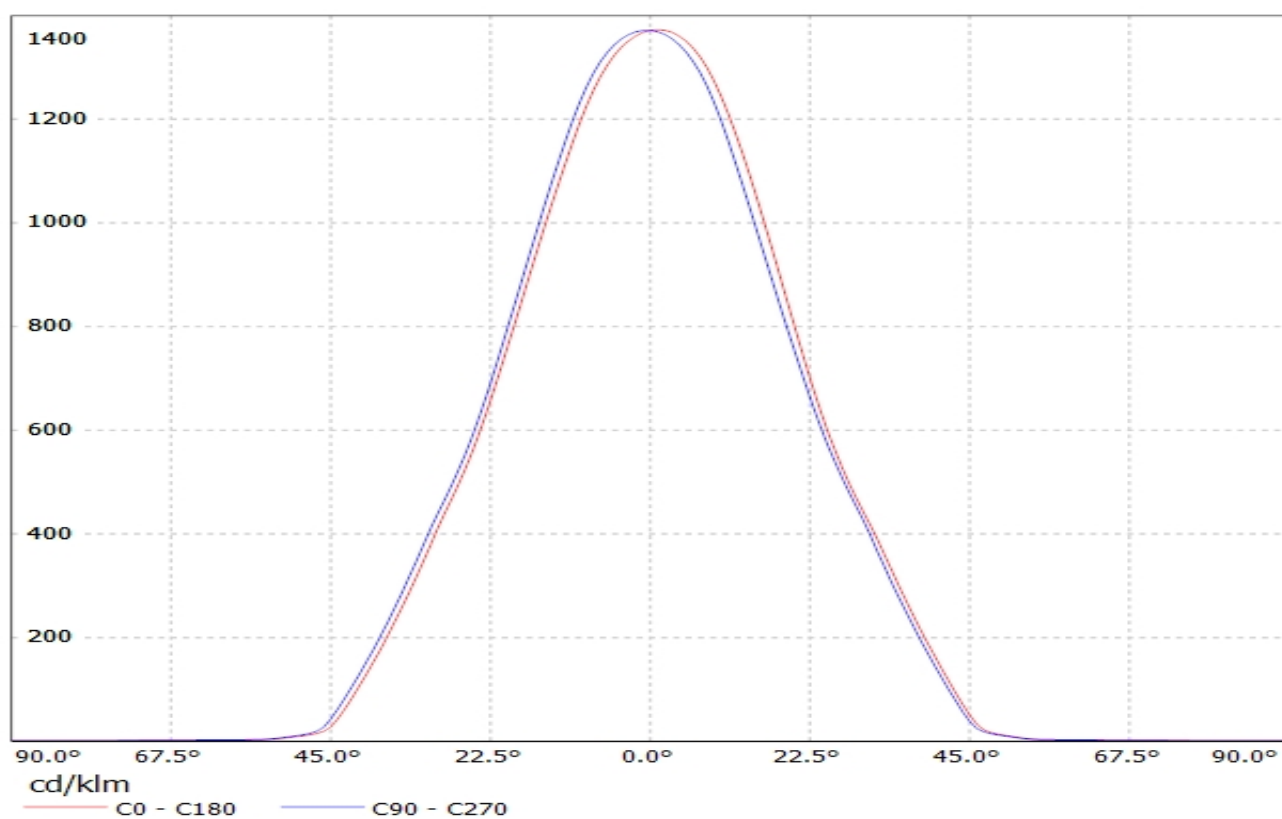
Lamps: 1 x Bridgelux RS (591.4lm)



LEDIL OY CN12657_LENINA-M_(BRXA_RS) / LDC (Linear)

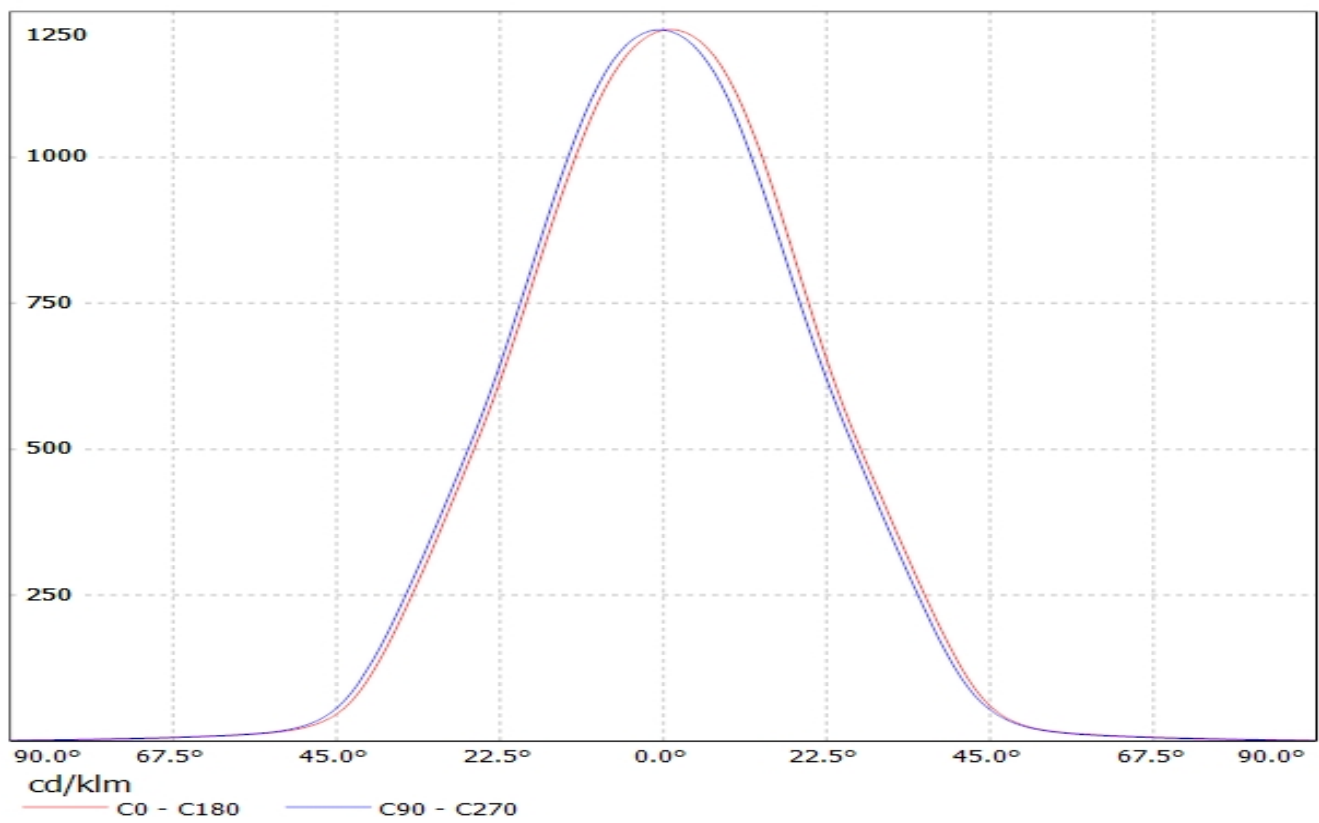
Luminaire: LEDIL OY CN12657_LENINA-M_(BRXA_RS)

Lamps: 1 x Bridgelux RS (591.4lm)



LEDIL OY CN12660_LENINA-M-DL_(BRXA_RS) / LDC (Linear)

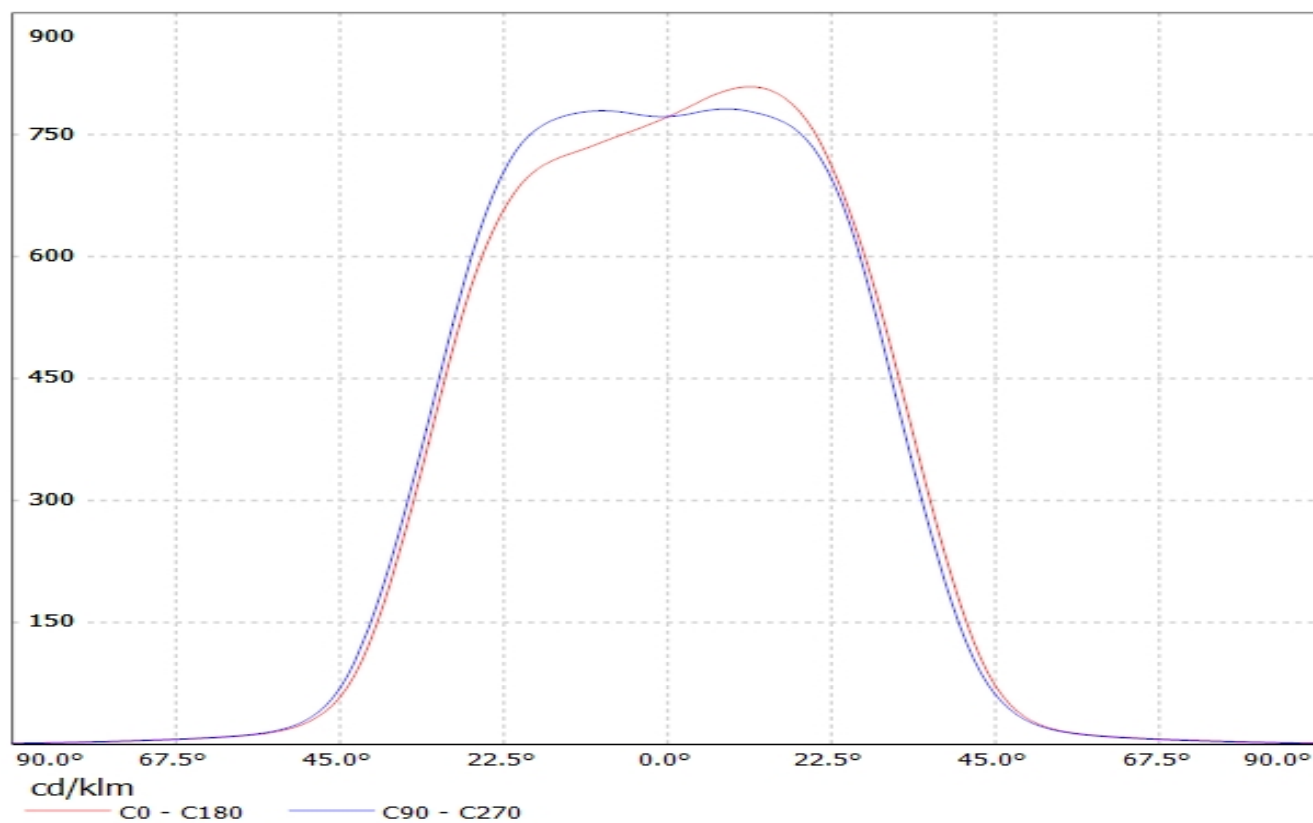
Luminaire: LEDIL OY CN12660_LENINA-M-DL_(BRXA_RS)
Lamps: 1 x Bridgelux RS (591.4lm)



LEDIL OY CN12661_LENINA-W-DL_(BRXA_RS) / LDC (Linear)

Luminaire: LEDIL OY CN12661_LENINA-W-DL_(BRXA_RS)

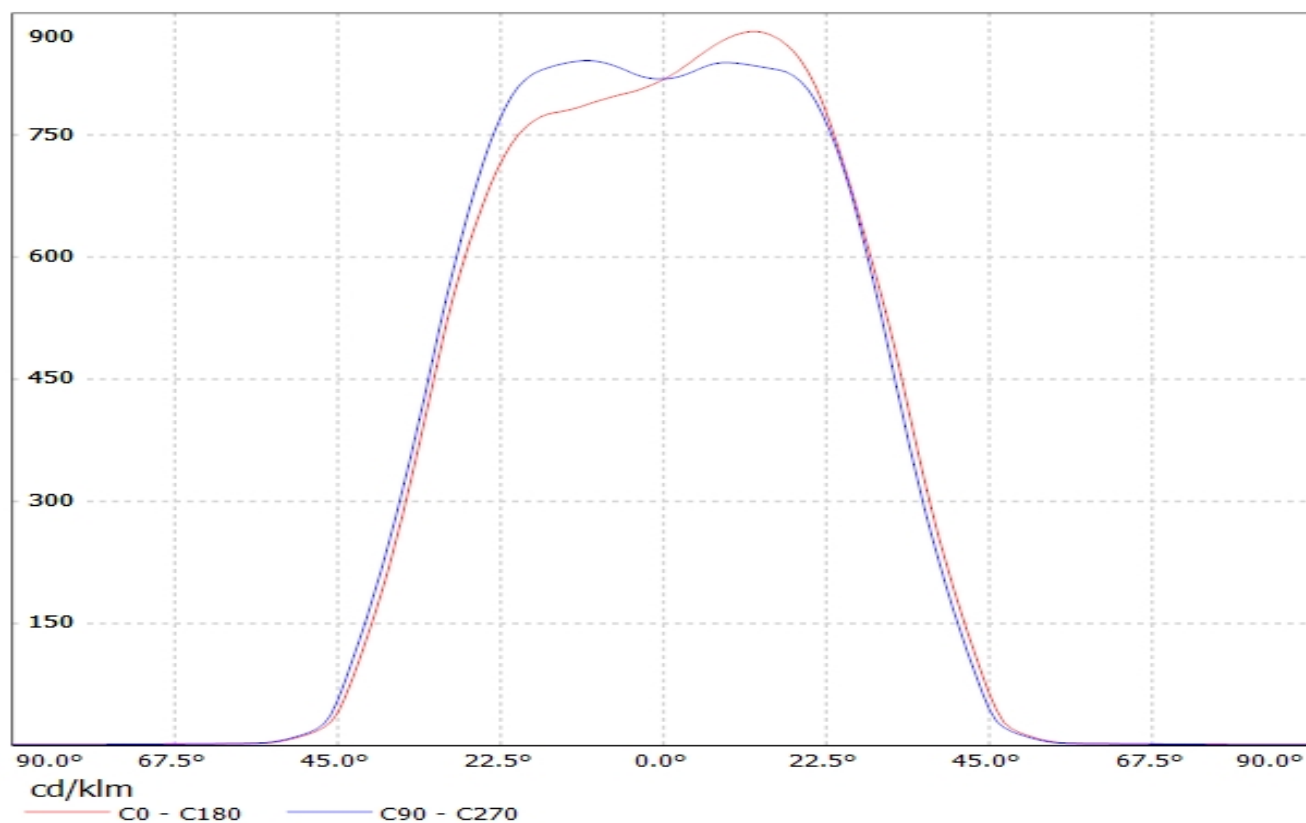
Lamps: 1 x Bridgelux RS (591.4lm)



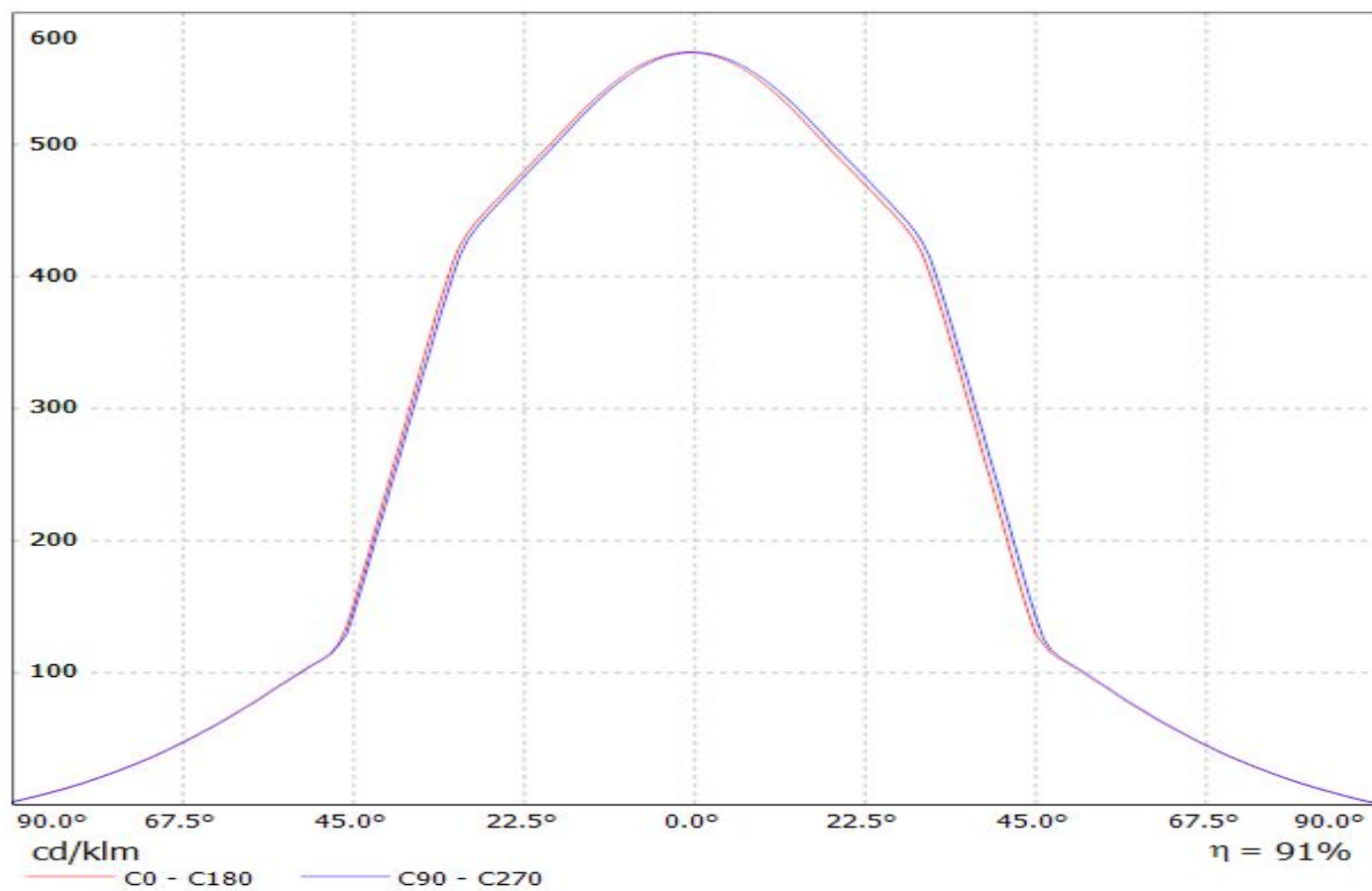
LEDIL OY CN12658_LENINA-W_(BRXA_RS) / LDC (Linear)

Luminaire: LEDIL OY CN12658_LENINA-W_(BRXA_RS)

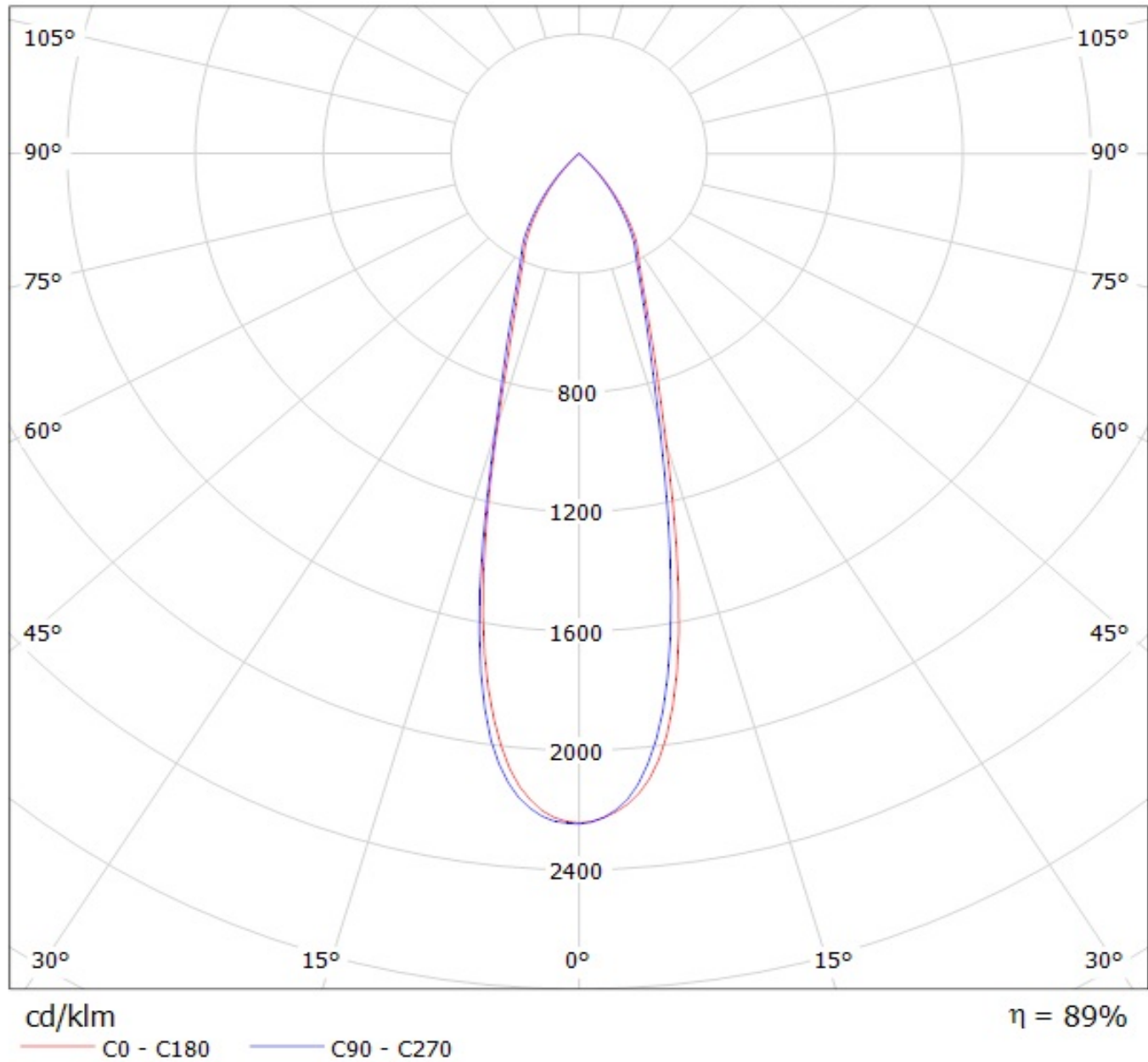
Lamps: 1 x Bridgelux RS (591.4lm)



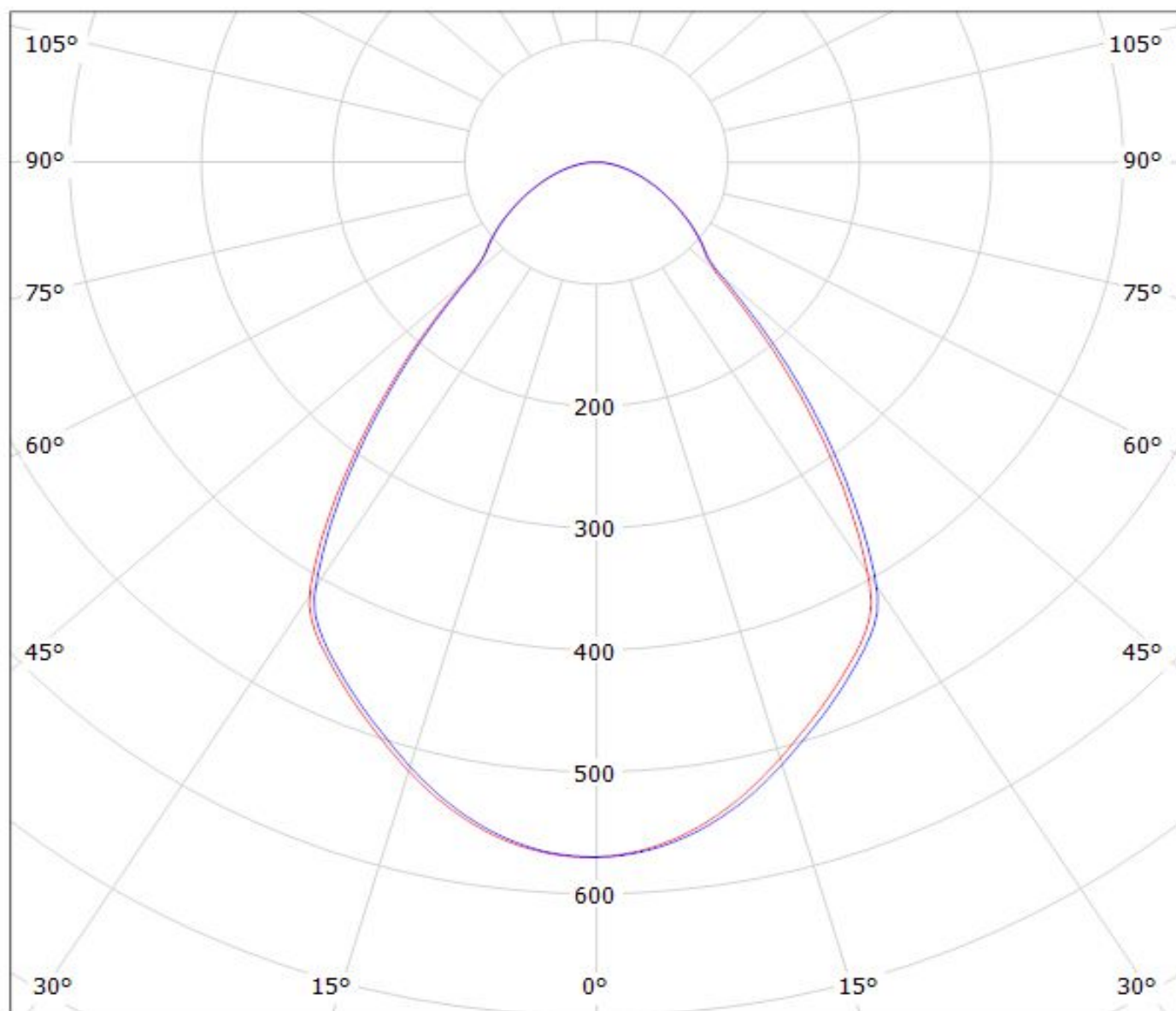
Luminaire: LEDIL OY CN12961_LENINA-XW Eff.91.1%
Lamps: 1 x BRXA-RS (608.96lm@250mA)



Luminaire: LEDIL OY CN12656_LENINA-S_(BRXA_RS)
Lamps: 1 x Bridgelux RS (591.4lm)



Luminaire: LEDIL OY CN12961_LENINA-XW Eff.91.1%
Lamps: 1 x BRXA-RS (608.96lm@250mA)



cd/klm

C0 - C180

C90 - C270

$\eta = 91\%$