CREE
▸ LED Solution Provider

Ordering number CN12638_LENINA-S

Family	Lenina	FWHM	16 degrees
Type	Pack	Efficiency	88 %
LED	CXA2011	cd/lm	4.400
Color	Metal	Gerber File	Available
Diameter	74 mm		
Height	46.95 mm		
Style	Round		
Optic Material	PC		
Holder Material	PC		
Fastening	Screw		
Status	On production		

Ordering number CN12641_LENINA-S-DL

Family	Lenina	FWHM	20 degrees
Type	Pack	Efficiency	80 %
LED	CXA2011	cd/lm	3.500
Color	Metal	Gerber File	Available
Diameter	74 mm		
Height	49.05 mm		
Style	Round		
Optic Material	PC		
Holder Material	PC		
Fastening	Screw		
Status	On production		

Ordering number CN12639_LENINA-M

Family	Lenina	FWHM	28 degrees
Type	Pack	Efficiency	85 %
LED	CXA2011	cd/lm	2.200
Color	Metal	Gerber File	Available
Diameter	74 mm		
Height	46.95 mm		
Style	Round		
Optic Material	PC		
Holder Material	PC		
Fastening	Screw		
Status	On production		

Ordering number CN12642_LENINA-M-DL

Family	Lenina	FWHM	33 degrees
Type	Pack	Efficiency	77 %
LED	CXA2011	cd/lm	1.800
Color	Metal	Gerber File	Available
Diameter	74 mm		
Height	49.05 mm		
Style	Round		
Optic Material	PC		
Holder Material	PC		
Fastening	Screw		
Status	On production		

PRODUCT DATASHEET
Lenina series
last update 15/1/2013

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Ordering number CN12640_LENINA-W

Family	Lenina	FWHM	50 degrees
Type	Pack	Efficiency	86 %
LED	CXA2011	cd/lm	1.200
Color	Metal	Gerber File	Available
Diameter	74 mm		
Height	46.95 mm		
Style	Round		
Optic Material	PC		
Holder Material	PC		
Fastening	Screw		
Status	On production		

Ordering number CN12643_LENINA-W-DL

Family	Lenina	FWHM	52 degrees
Type	Pack	Efficiency	78 %
LED	CXA2011	cd/lm	1.000
Color	Metal	Gerber File	Available
Diameter	74 mm		
Height	49.05 mm		
Style	Round		
Optic Material	PC		
Holder Material	PC		
Fastening	Screw		
Status	On production		

Ordering number CN12959_LENINA-XW

Family	Lenina	FWHM	72 degrees
Type	Pack	Efficiency	87 %
LED	CXA2011	cd/lm	0.700
Color	White	Gerber File	Available
Diameter	74 mm		
Height	46.95 mm		
Style	Round		
Optic Material	PC		
Holder Material	PC		
Fastening	Socket, socket		
Status	On production		

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.

GENERAL INFORMATION
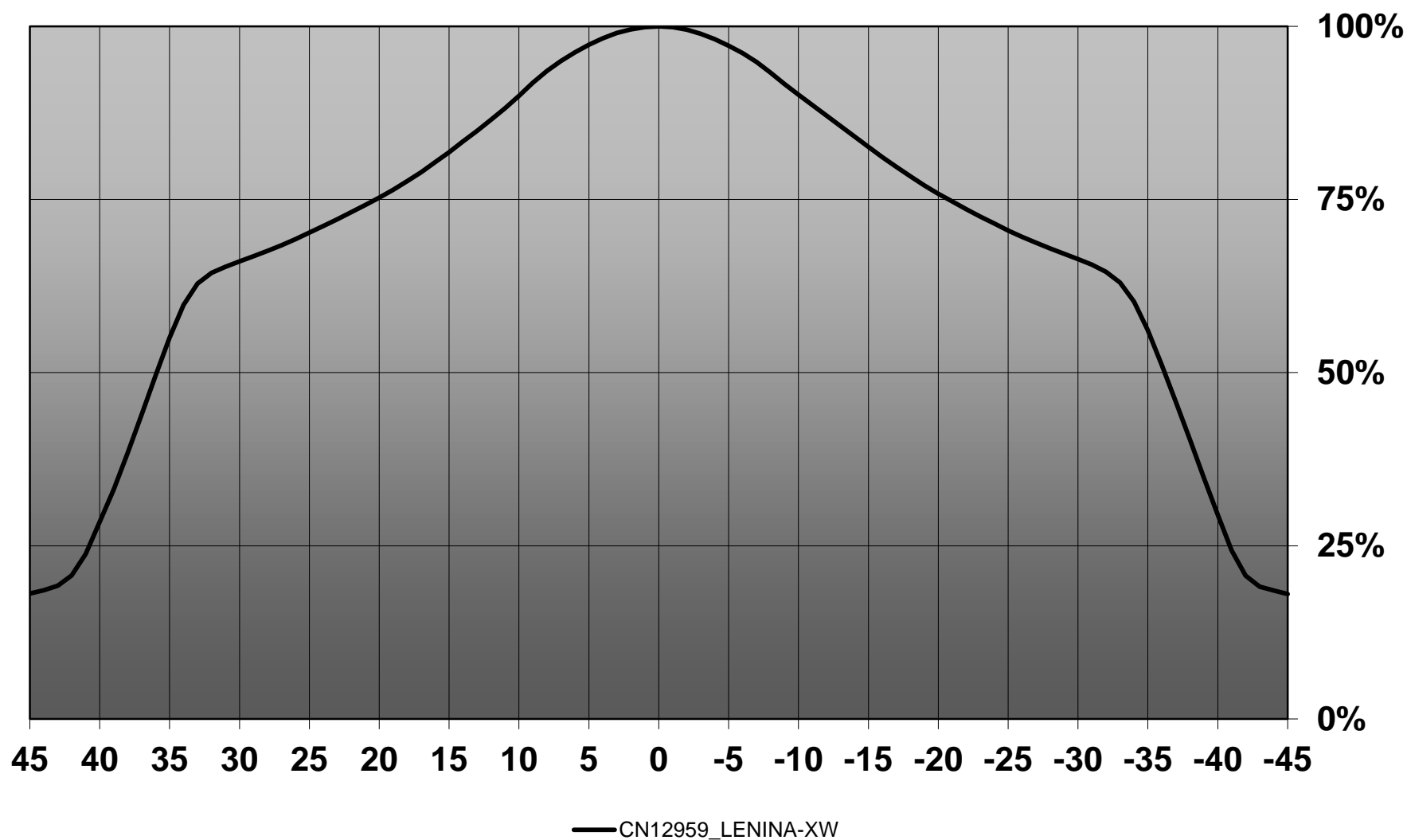
- Product series especially designed & optimized for CXA2011 series of LEDs.
- Special care taken to make light distribution as uniform as possible.
- Reflector is made of aluminium coated PC (120 degrees of Celcius / 248 degrees of Fahrenheit) with protective lacquer (110 degrees of Celcius / 230 degrees of Fahrenheit).
- Optic holder molded by high quality PC material (120 dergees of Celcius / 248 degrees of Fahrenheit).

Absolute intensity of CN12959_LENINA-XW

CN12959_LENINA-XW

| D | C | B | A |

Lens material:
PC, clear

40

h2

Base material PC, white

Reflector material PC
Metal plated with clear lacquer

⌀74
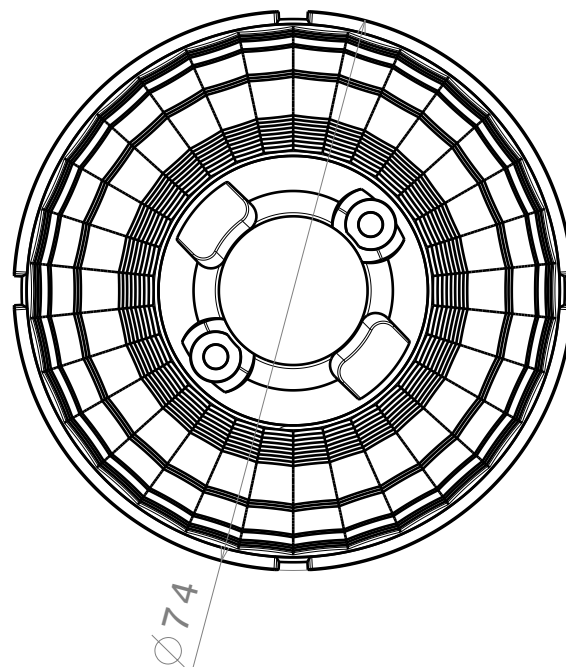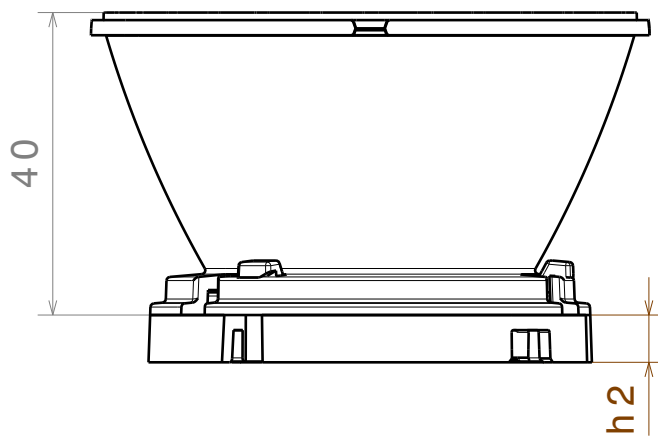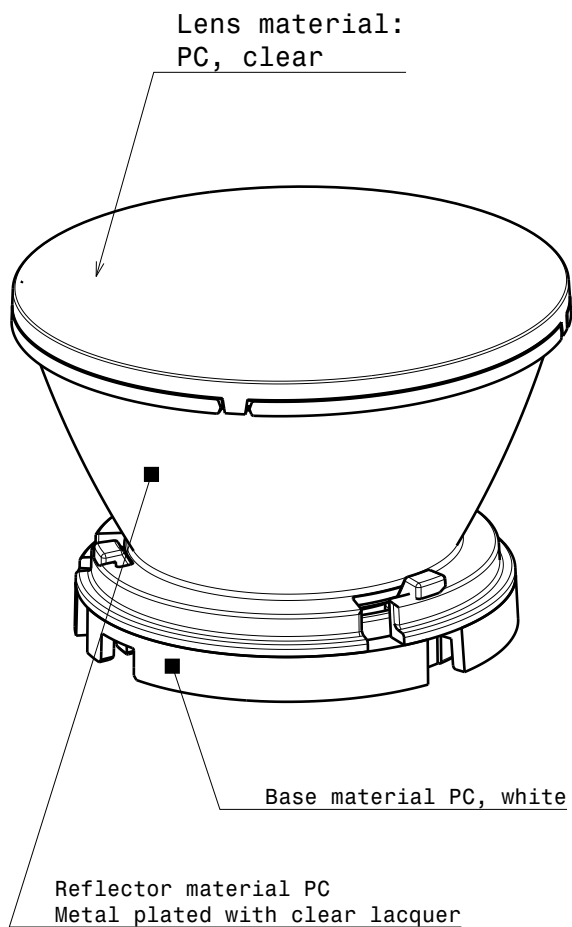
NOTE:

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

LEDIL

DRAWING TITLE

Datasheet Lenina series

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

Luminaire: Ledil Oy CN12638_LENINA-S (Cree CXA20 698lm @ 250mA) Efficiency=88%
Lamps: 1 x Cree CXA20 698lm @ 250mA

cd/klm

—— C0 - C180   —— C90 - C270
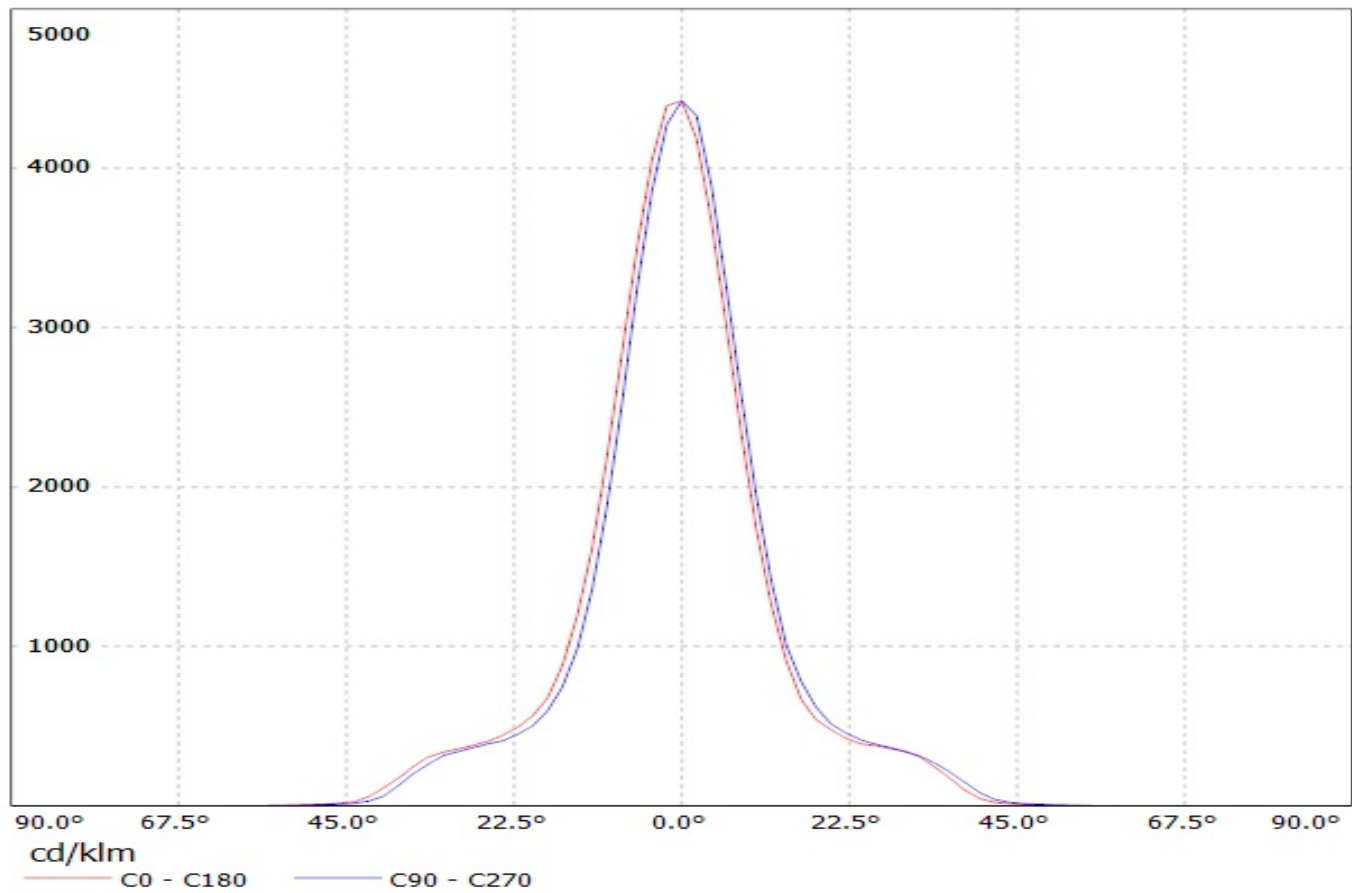
Luminaire: Ledil Oy CN12641_LENINA-S-DL (Cree CXA20 698lm @ 250mA) Efficiency=80%
Lamps: 1 x Cree CXA20 698lm @ 250mA

Luminaire: Ledil Oy CN12639_LENINA-M (Cree CXA20 698lm @ 250mA) Efficiency=85%
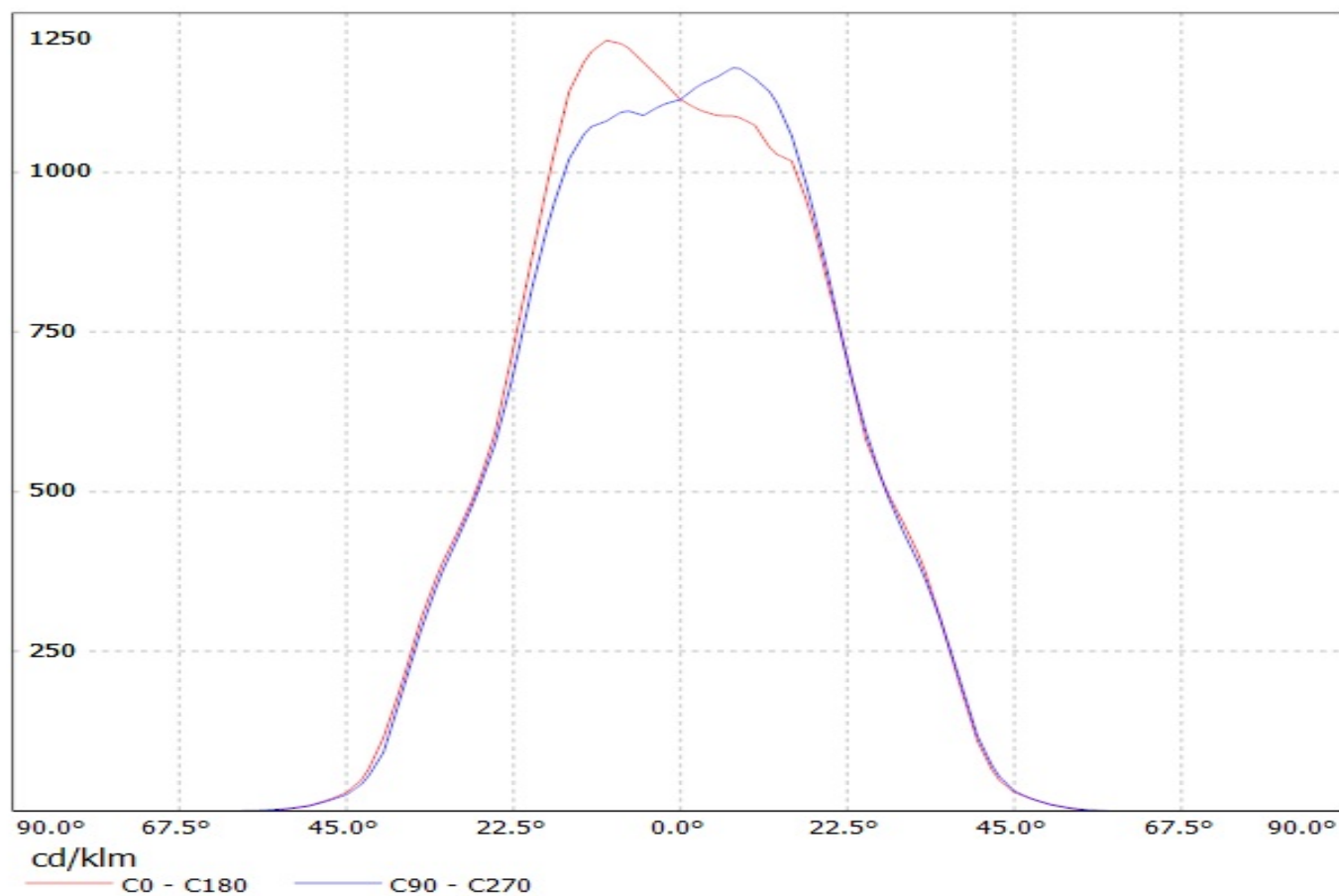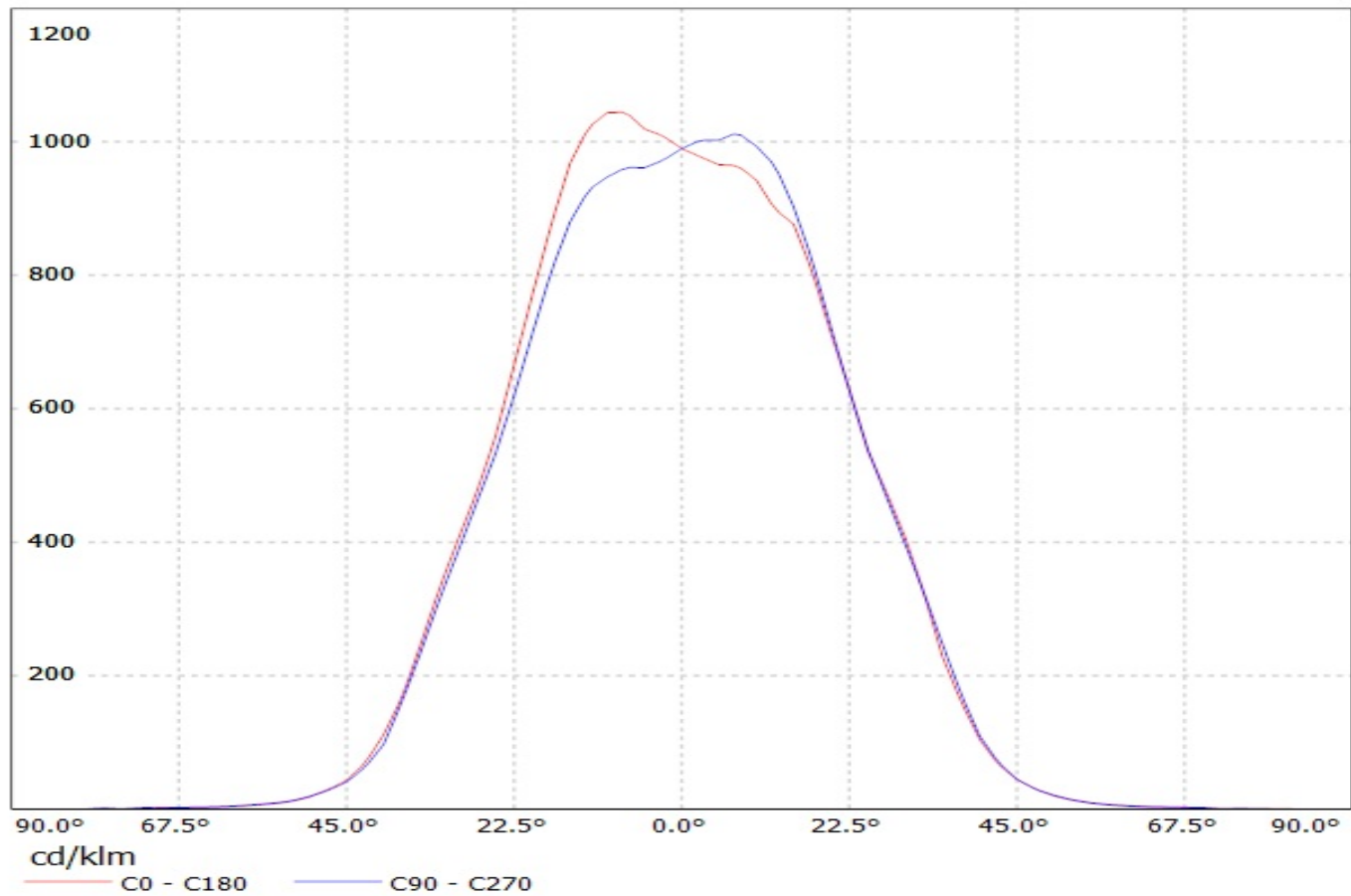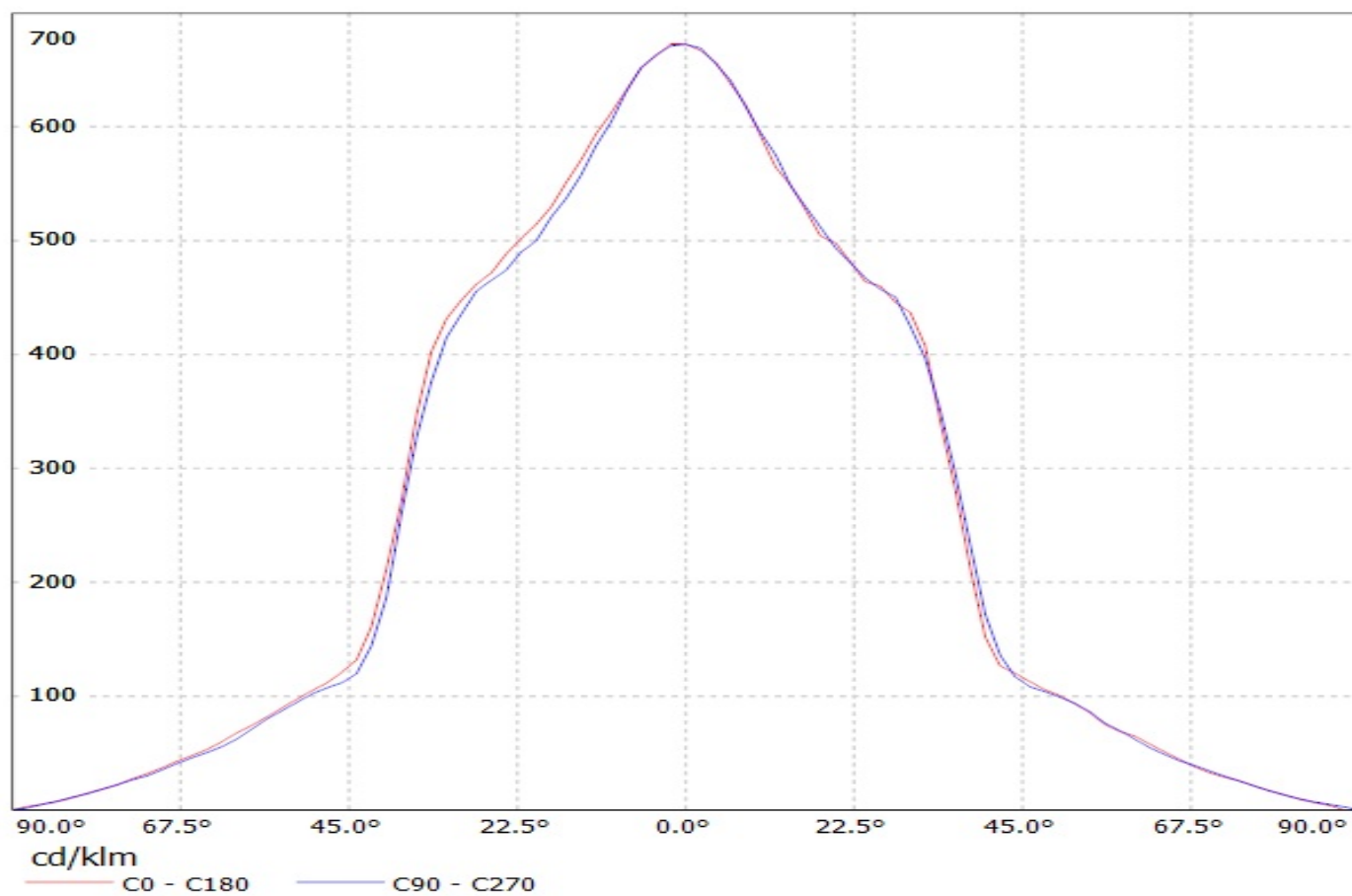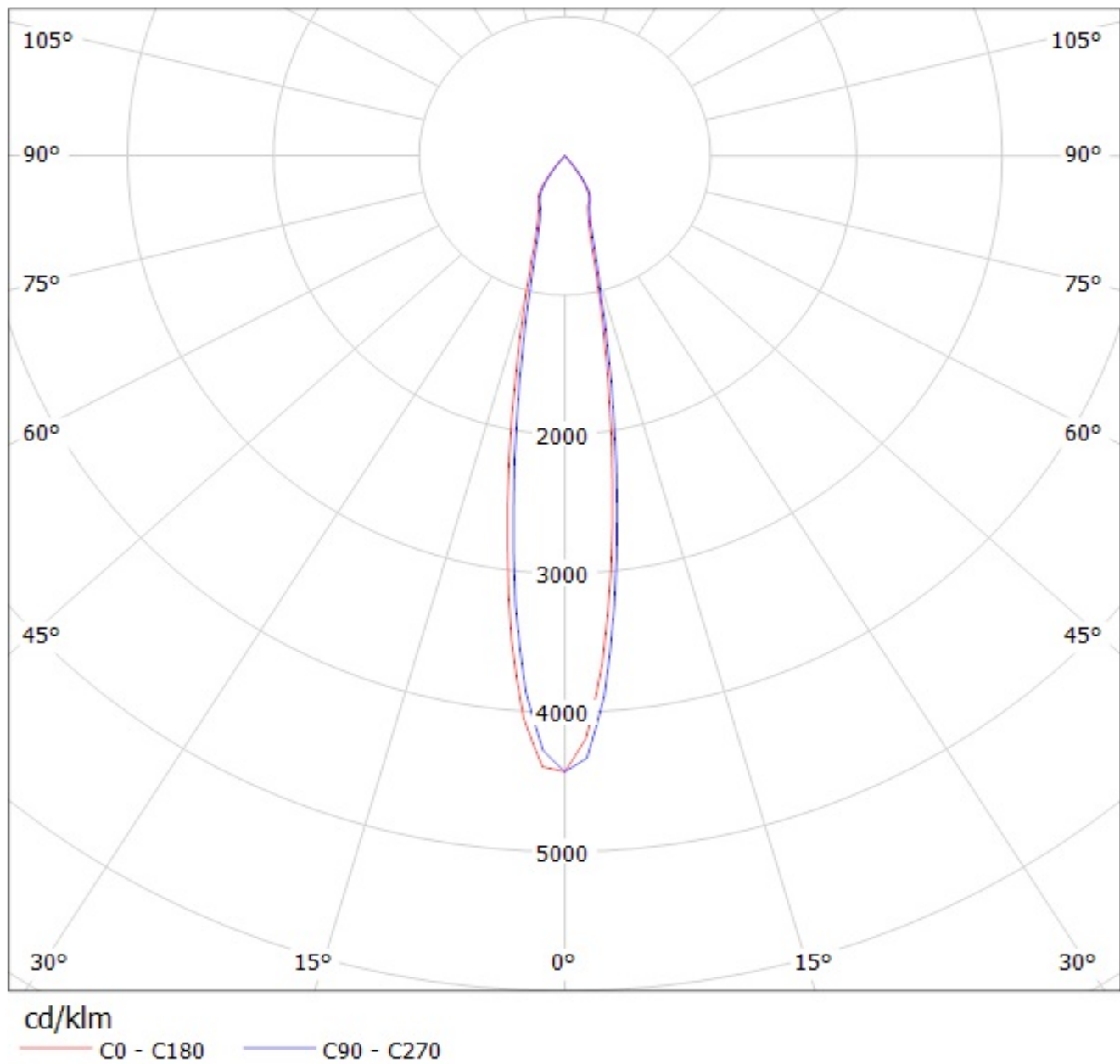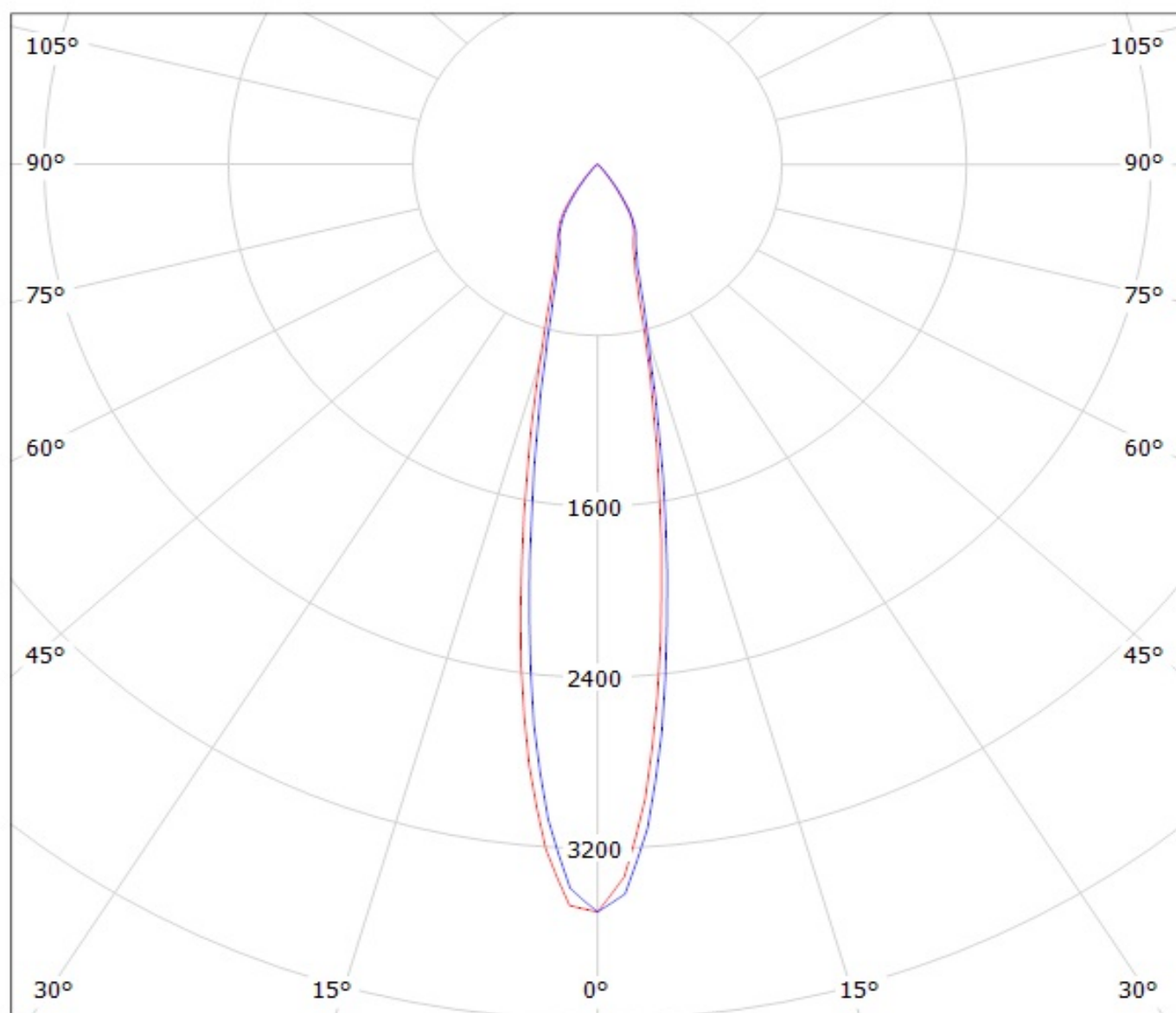Lamps: 1 x Cree CXA20 698lm @ 250mA

cd/klm

——— C0 - C180   ——— C90 - C270

Luminaire: Ledil Oy CN12642_LENINA-M-DL (Cree CXA20 698lm @ 250mA) Efficiency=77%
Lamps: 1 x Cree CXA20 698lm @ 250mA

cd/klm

C0 - C180   C90 - C270

Luminaire: Ledil Oy CN12640_LENINA-W (Cree CXA20 698lm @ 250mA) Efficiency=86%
Lamps: 1 x Cree CXA20 698lm @ 250mA

cd/klm

——— C0 - C180   ——— C90 - C270

Luminaire: Ledil Oy CN12643_LENINA-W-DL (Cree CXA20 698lm @ 250mA) Efficiency=78%
Lamps: 1 x Cree CXA20 698lm @ 250mA

cd/klm

C0 - C180   C90 - C270

Luminaire: Ledil Oy CN12959_LENINA-XW (Cree CXA20 698lm @ 250mA) Efficiency=87%
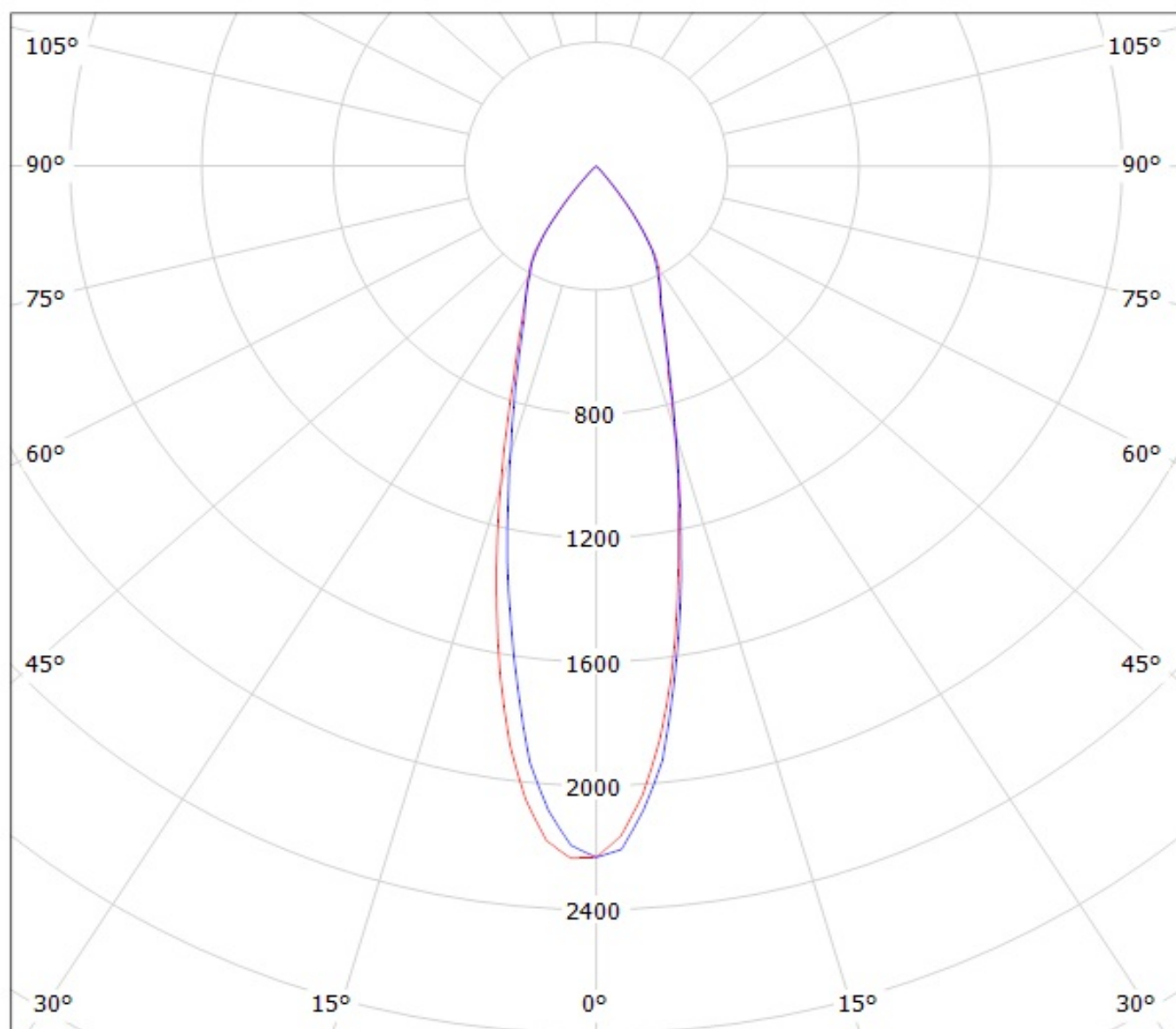Lamps: 1 x Cree CXA20 698lm @ 250mA

cd/klm

C0 - C180   C90 - C270

Luminaire: Ledil Oy CN12638_LENINA-S (Cree CXA20 698lm @ 250mA) Efficiency=88%
Lamps: 1 x Cree CXA20 698lm @ 250mA

cd/klm

| | C0 - C180 | | C90 - C270 |

Luminaire: Ledil Oy CN12641_LENINA-S-DL (Cree CXA20 698lm @ 250mA) Efficiency=80%
Lamps: 1 x Cree CXA20 698lm @ 250mA

cd/klm

—— C0 - C180   —— C90 - C270

Luminaire: Ledil Oy CN12639_LENINA-M (Cree CXA20 698lm @ 250mA) Efficiency=85%
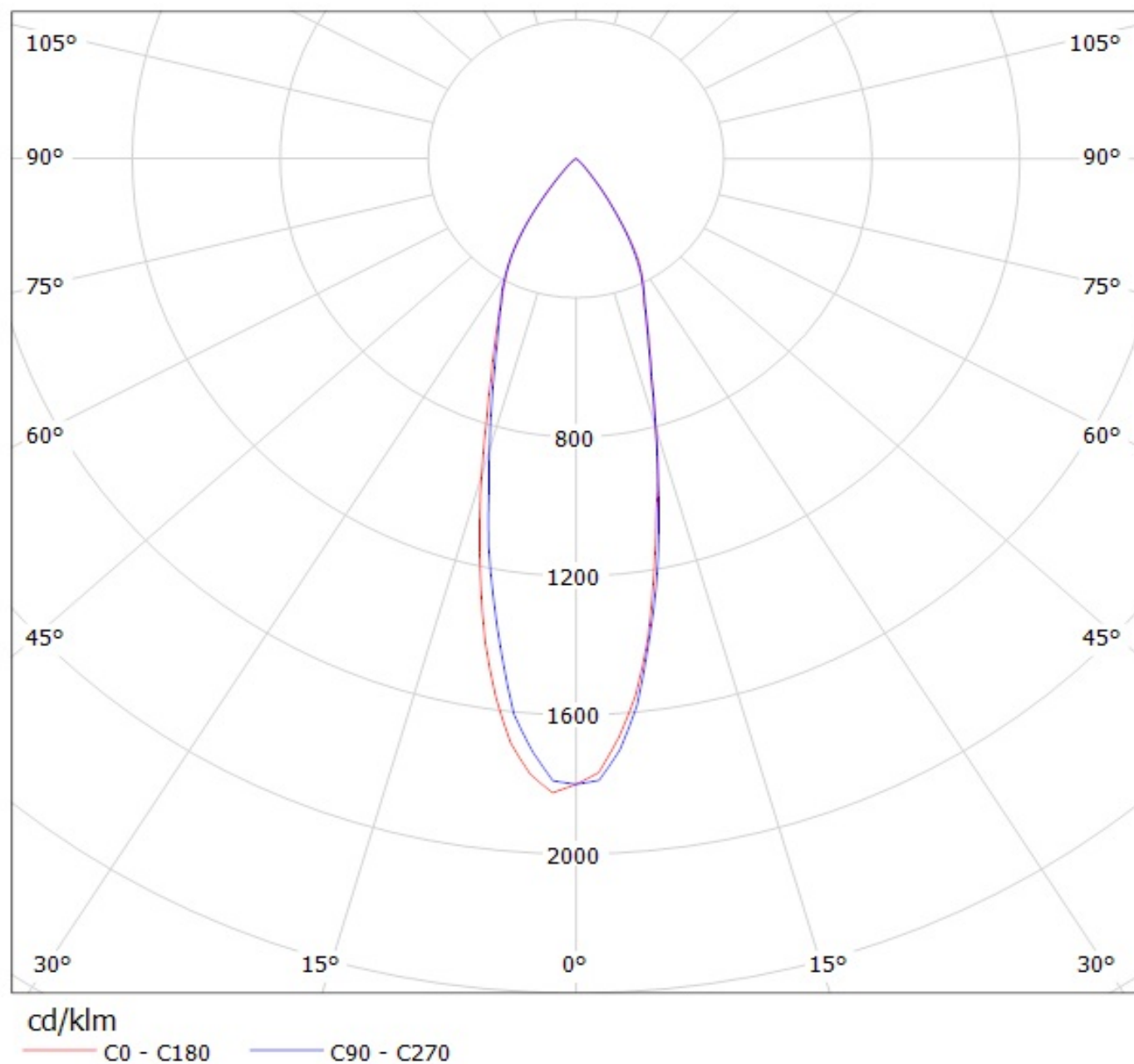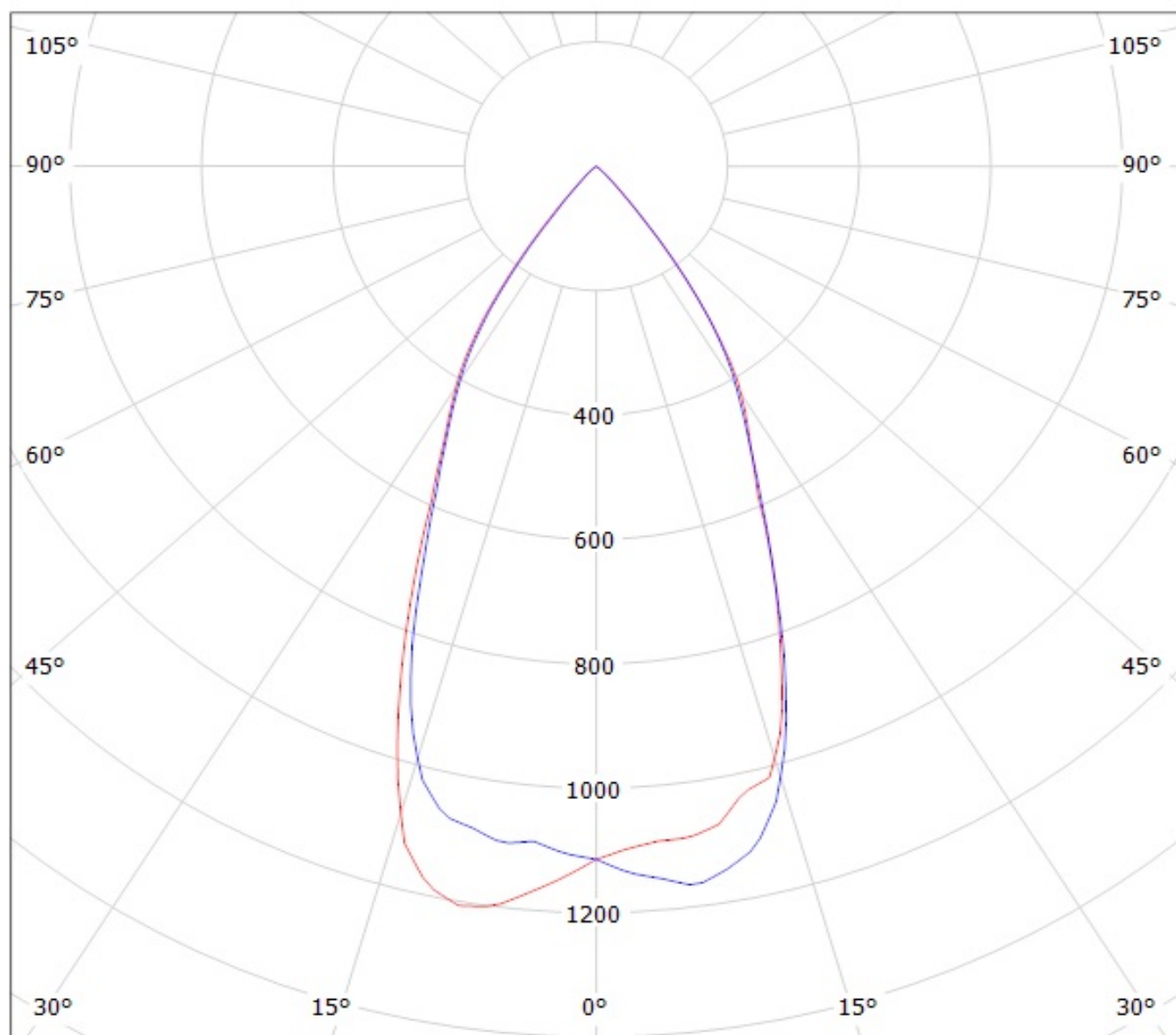Lamps: 1 x Cree CXA20 698lm @ 250mA

cd/klm

— C0 – C180   — C90 – C270

Luminaire: Ledil Oy CN12642_LENINA-M-DL (Cree CXA20 698lm @ 250mA) Efficiency=77%
Lamps: 1 x Cree CXA20 698lm @ 250mA

cd/klm

—— C0 - C180   —— C90 - C270

Luminaire: Ledil Oy CN12640_LENINA-W (Cree CXA20 698lm @ 250mA) Efficiency=86%
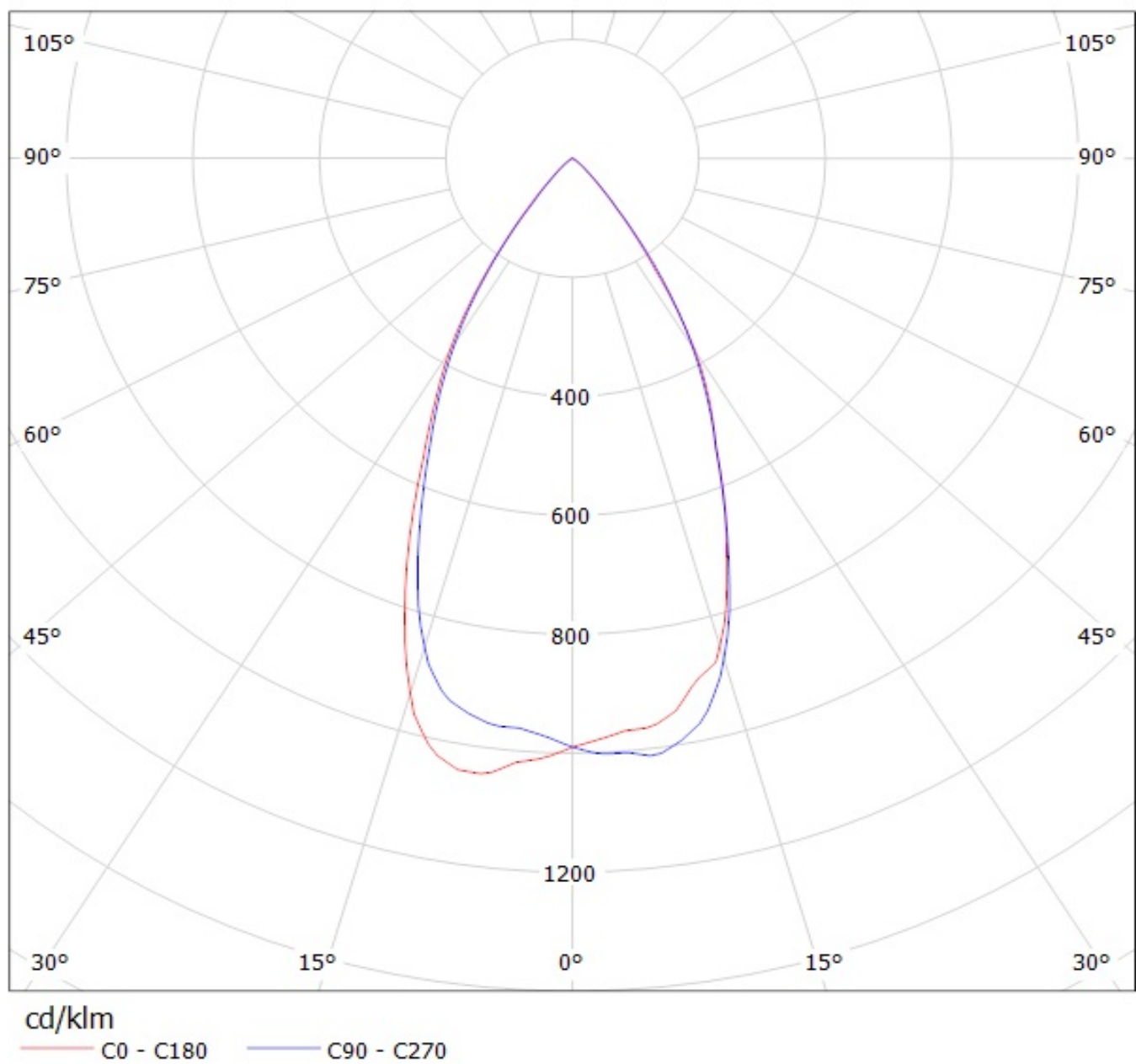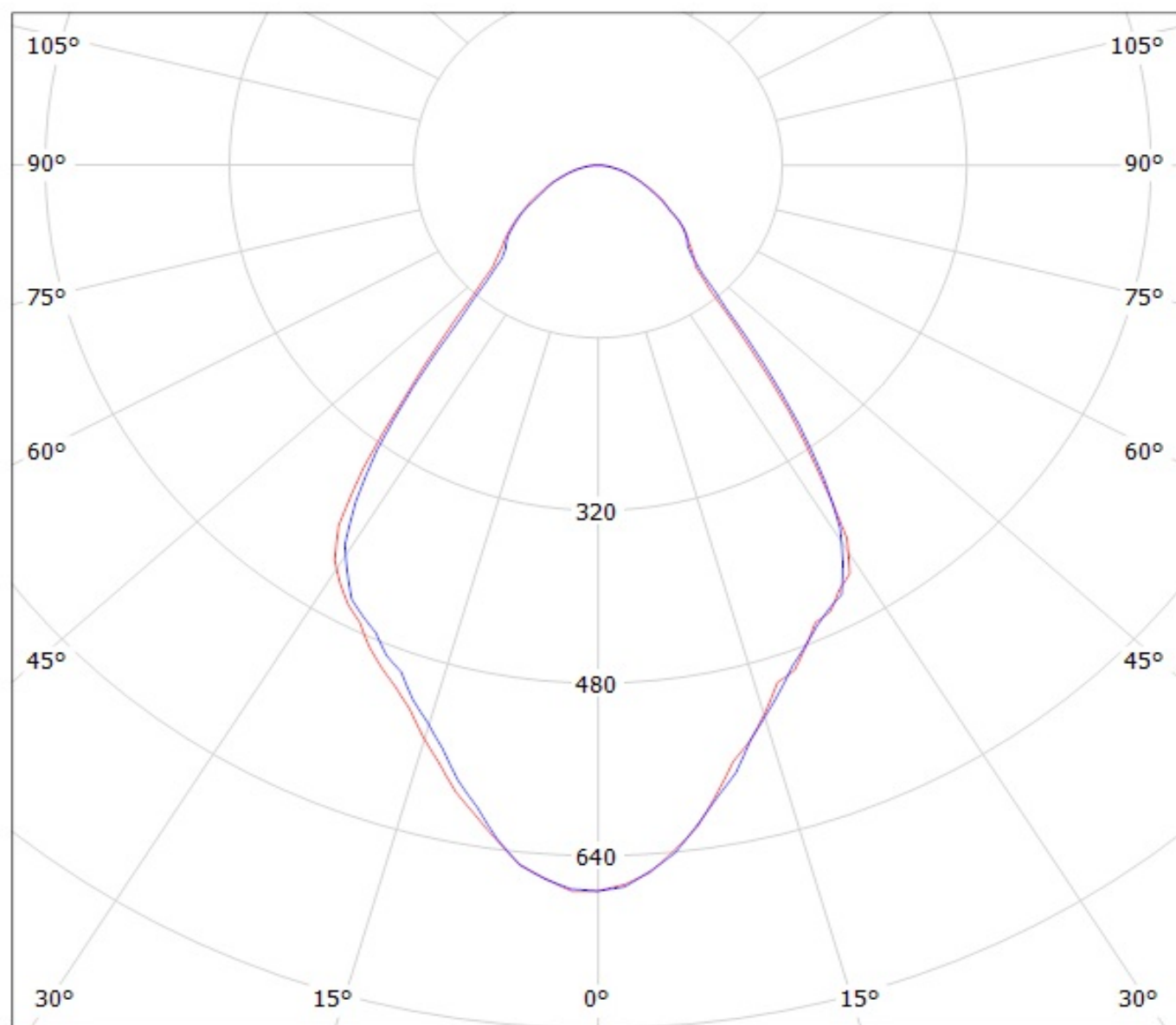Lamps: 1 x Cree CXA20 698lm @ 250mA

cd/klm

C0 - C180

C90 - C270

Luminaire: Ledil Oy CN12643_LENINA-W-DL (Cree CXA20 698lm @ 250mA) Efficiency=78%
Lamps: 1 x Cree CXA20 698lm @ 250mA

cd/klm

—— C0 - C180   —— C90 - C270

Luminaire: Ledil Oy CN12959_LENINA-XW (Cree CXA20 698lm @ 250mA) Efficiency=87%
Lamps: 1 x Cree CXA20 698lm @ 250mA

cd/klm

— C0 - C180   — C90 - C270