

**Product number CP12583_LXB3-RS2**

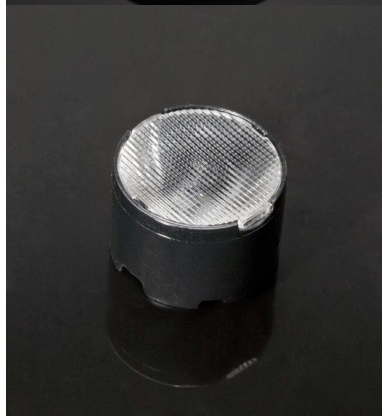
Family	Leila	FWHM	9 degrees
Type	Assembly	Efficiency	85 %
LED	XB-D	cd/Im	21.000
Color	Black	Gerber File	Available
Diameter	21.6 mm		
Height	14.6 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	["glue"]		
Status	Production ready		

**Product number CA12584_LXB2-RS2**

Family	Leila	FWHM	9 degrees
Type	Assembly	Efficiency	85 %
LED	XB-D	cd/Im	21.000
Color	Black	Gerber File	Available
Diameter	21.6 mm		
Height	14.6 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	["tape"]		
Status	Production ready		

**Product number CA12844_LXB2-O-90**

Family	Leila	FWHM	10+36 degrees
Type	Assembly	Efficiency	80 %
LED	XB-D	cd/Im	4.680
Color	Black	Gerber File	Available
Diameter	21.6 mm		
Height	14.6 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	["tape"]		
Status	Production ready		

**Product number CP12846_LXB3-O-90**

Family	Leila	FWHM	10+36 degrees
Type	Assembly	Efficiency	80 %
LED	XB-D	cd/Im	4.680
Color	Black	Gerber File	Available
Diameter	21.6 mm		
Height	14.6 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	["glue"]		
Status	Production ready		

**Product number CA12665_LXB2-D**

Family	Leila	FWHM	12 degrees
Type	Assembly	Efficiency	80 %
LED	XB-D	cd/Im	11.500
Color	Black	Gerber File	Available
Diameter	21.6 mm		
Height	14.6 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	["tape"]		
Status	Production ready		

**Product number CP12668_LXB3-D**

Family	Leila	FWHM	12 degrees
Type	Assembly	Efficiency	80 %
LED	XB-D	cd/Im	11.500
Color	Black	Gerber File	Available
Diameter	21.6 mm		
Height	14.6 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	["glue"]		
Status	Production ready		

**Product number CA12666_LXB2-M**

Family	Leila	FWHM	22 degrees
Type	Assembly	Efficiency	81 %
LED	XB-D	cd/Im	4.590
Color	Black	Gerber File	Available
Diameter	21.6 mm		
Height	14.6 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	["tape"]		
Status	Production ready		

**Product number CP12669_LXB3-M**

Family	Leila	FWHM	22 degrees
Type	Assembly	Efficiency	81 %
LED	XB-D	cd/Im	4.590
Color	Black	Gerber File	Available
Diameter	21.6 mm		
Height	14.6 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	["glue"]		
Status	Production ready		

**Product number CA12667_LXB2-W**

Family	Leila	FWHM	41 degrees
Type	Assembly	Efficiency	81 %
LED	XB-D	cd/Im	1.630
Color	Black	Gerber File	Available
Diameter	21.6 mm		
Height	14.6 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	["tape"]		
Status	Production ready		

**Product number CP12670_LXB3-W**

Family	Leila	FWHM	41 degrees
Type	Assembly	Efficiency	81 %
LED	XB-D	cd/Im	1.620
Color	Black	Gerber File	Available
Diameter	21.6 mm		
Height	14.6 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	["glue"]		
Status	Production ready		

**Product number C13353_LEILA-R-CLIP16**

Family	Leila	FWHM	73 degrees
Type	Reflector	Efficiency	92 %
LED	XB-D	cd/Im	0.700
Color	White	Gerber File	Available
Diameter	21.6 mm		
Height	13 mm		
Style	Round		
Optic Material	HRPC		
Holder Material	-		
Fastening	["clips"]		
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

Leila series

last update 19/2/2013

GENERAL INFORMATION

- Product series especially designed & optimized for XB-D 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>

- 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).

D

C

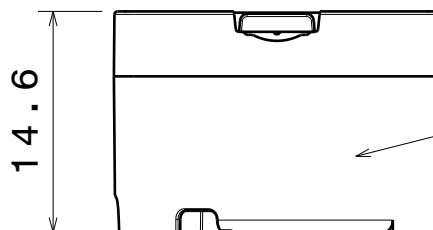
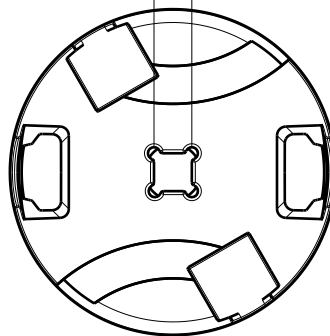
B

A



Isometric view
Scale: 1:1

2.5



Holder

Lens

 $\phi 21.6$

Materials:
Lens PMMA
Holder PC, Black

Tolerances for dimensions:
0-20mm tolerance value $\pm 0.1\text{mm}$
21-45mm tolerance value $\pm 0.2\text{mm}$
46-90mm tolerance value $\pm 0.3\text{mm}$
91-100mm tolerance value $\pm 0.4\text{mm}$
101-mm tolerance value $\pm 0.5\text{mm}$

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Ledil Oy
Salorankatu 10
FIN 24240 SALO
Finland

DRAWING TITLE

Datasheet LXB3 Glue Assy

DRAWN BY

pv

DATE

11.04.2012

CHECKED BY

sn

DATE

19.01.2012

DESIGNED BY

pv

DATE

19.01.2012

SIZE

A4

DRAWING NUMBER

-

REV

1

SCALE

2:1

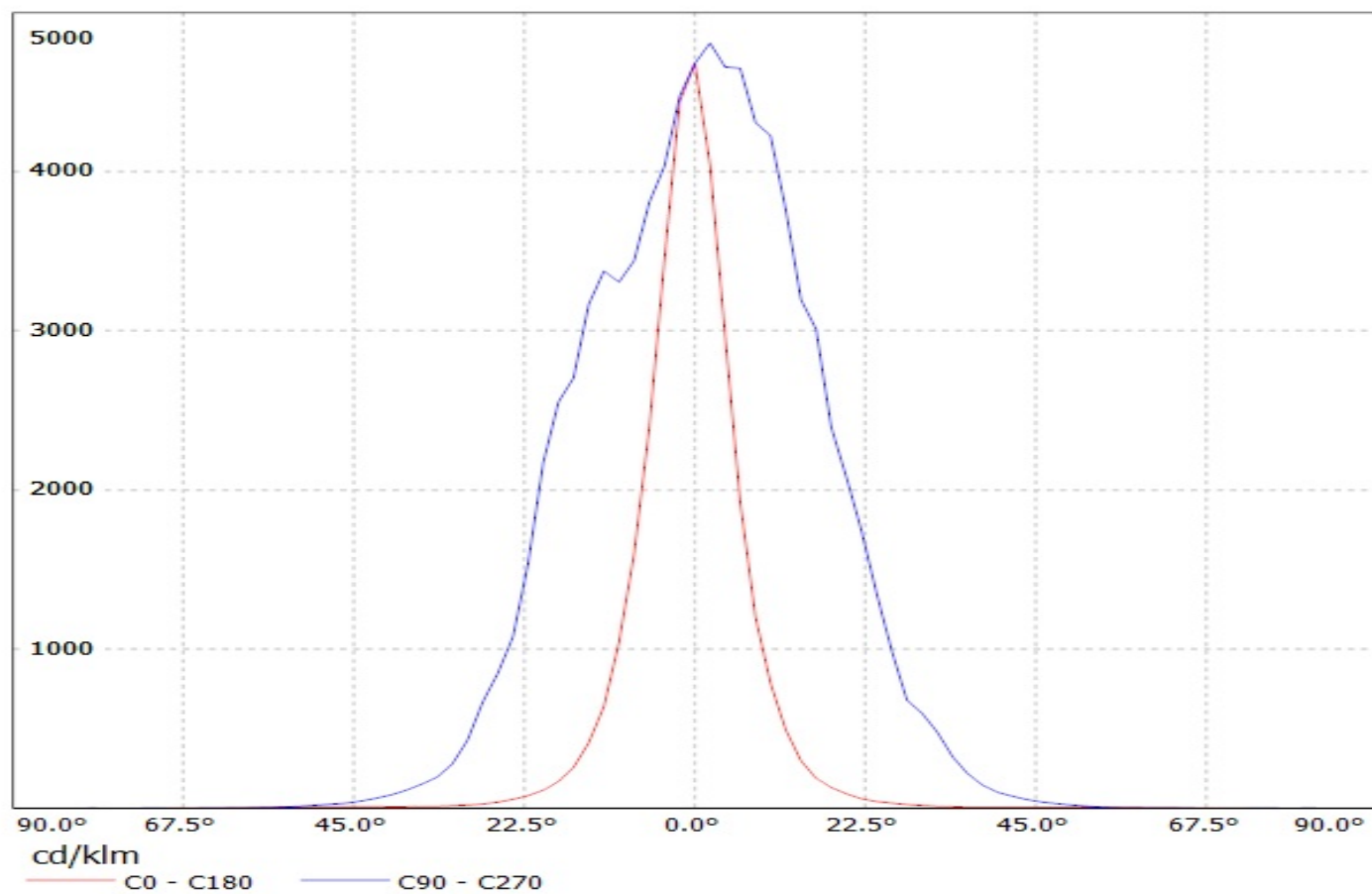
WEIGHT (g)

SHEET

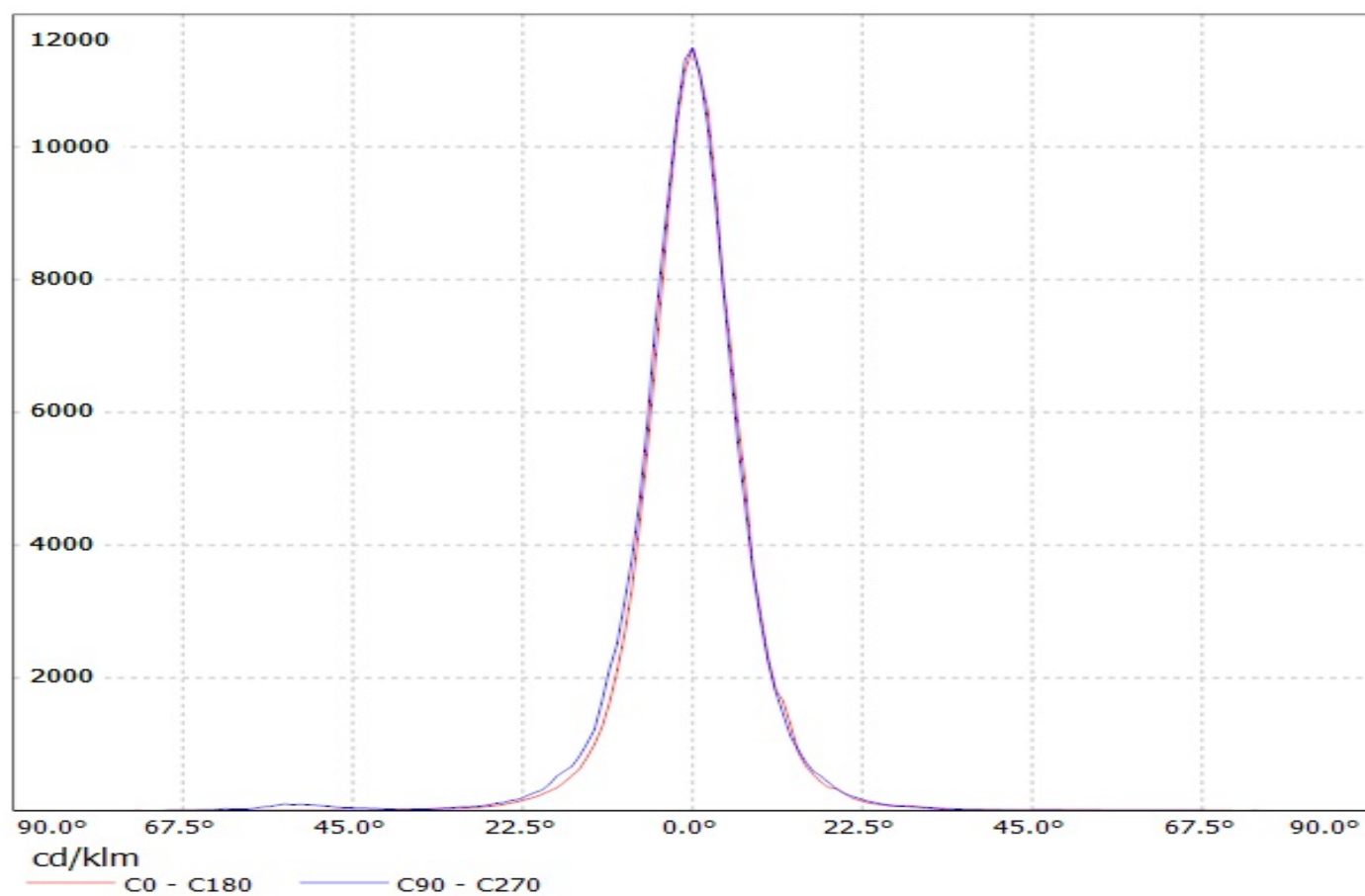
1/1

A

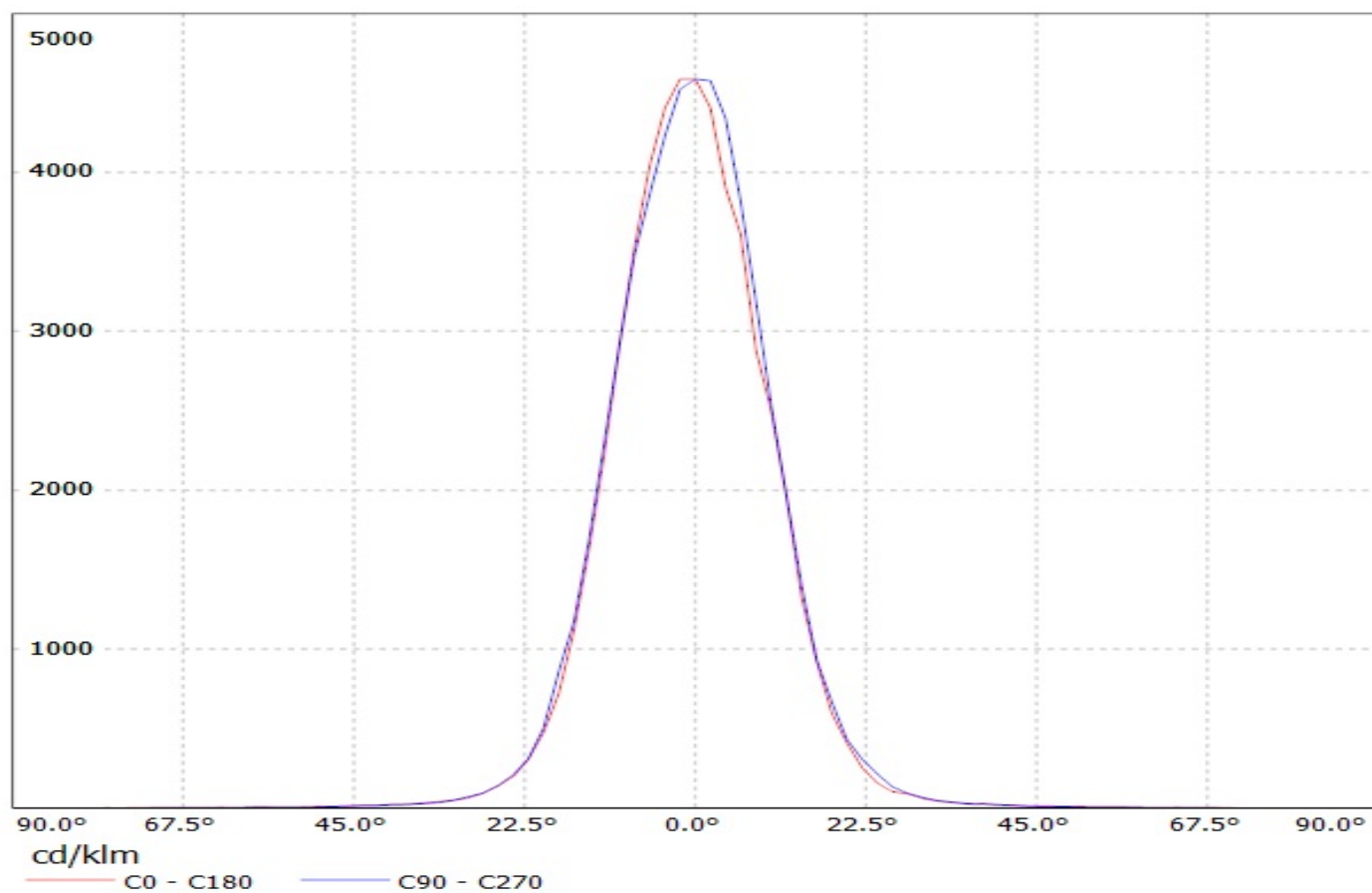
Luminaire: Ledil Oy CP12846_LXB3-O-90 (Cree XB-D 84lm @ 250mA) LOR=80%
Lamps: 1 x Cree XB-D 84lm @ 250mA



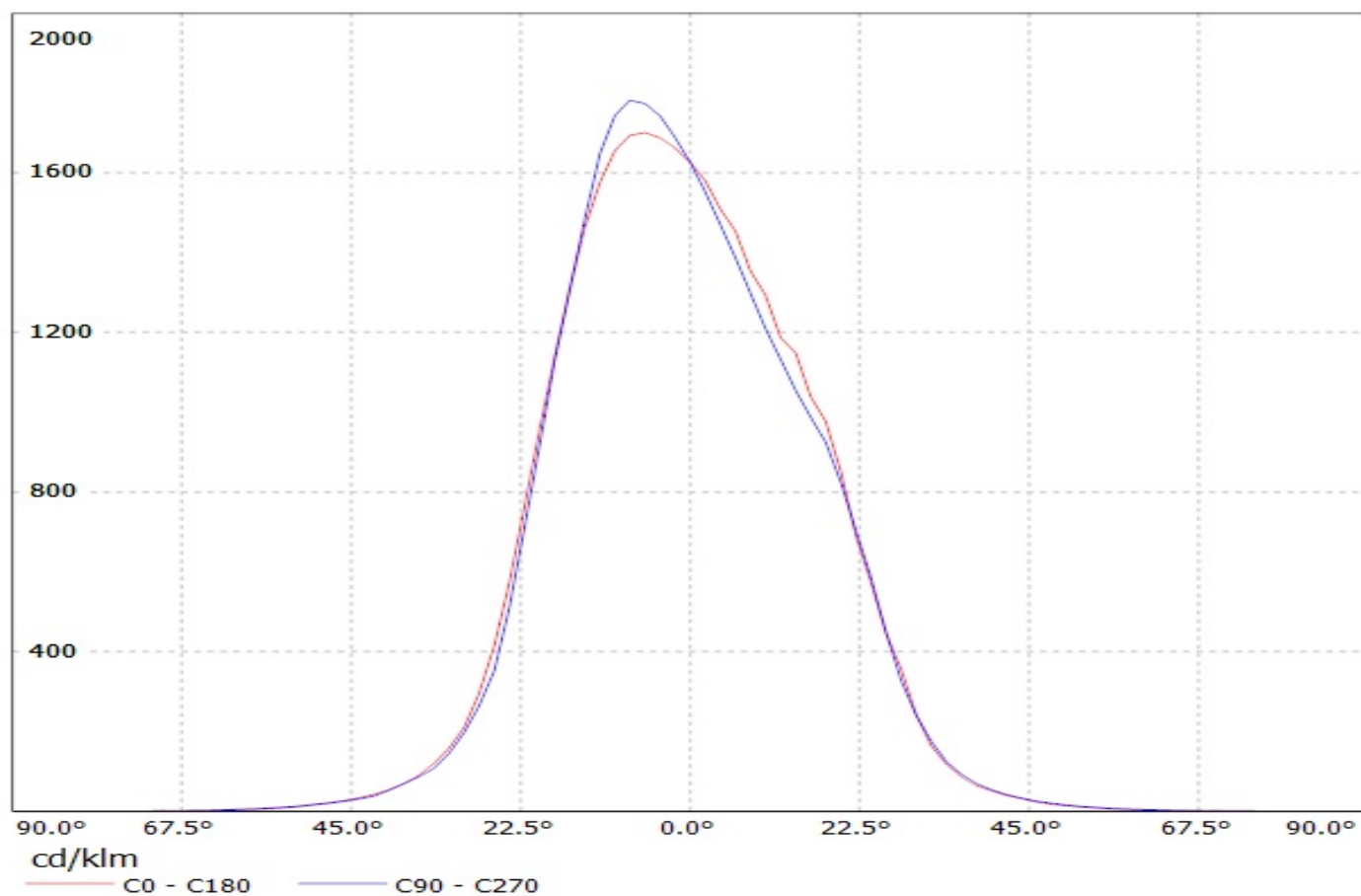
Luminaire: Ledil Oy CP12668_LXB3-D (Cree XB-D 84lm @ 250mA) LOR=80%
Lamps: 1 x Cree XB-D 84lm @ 250mA



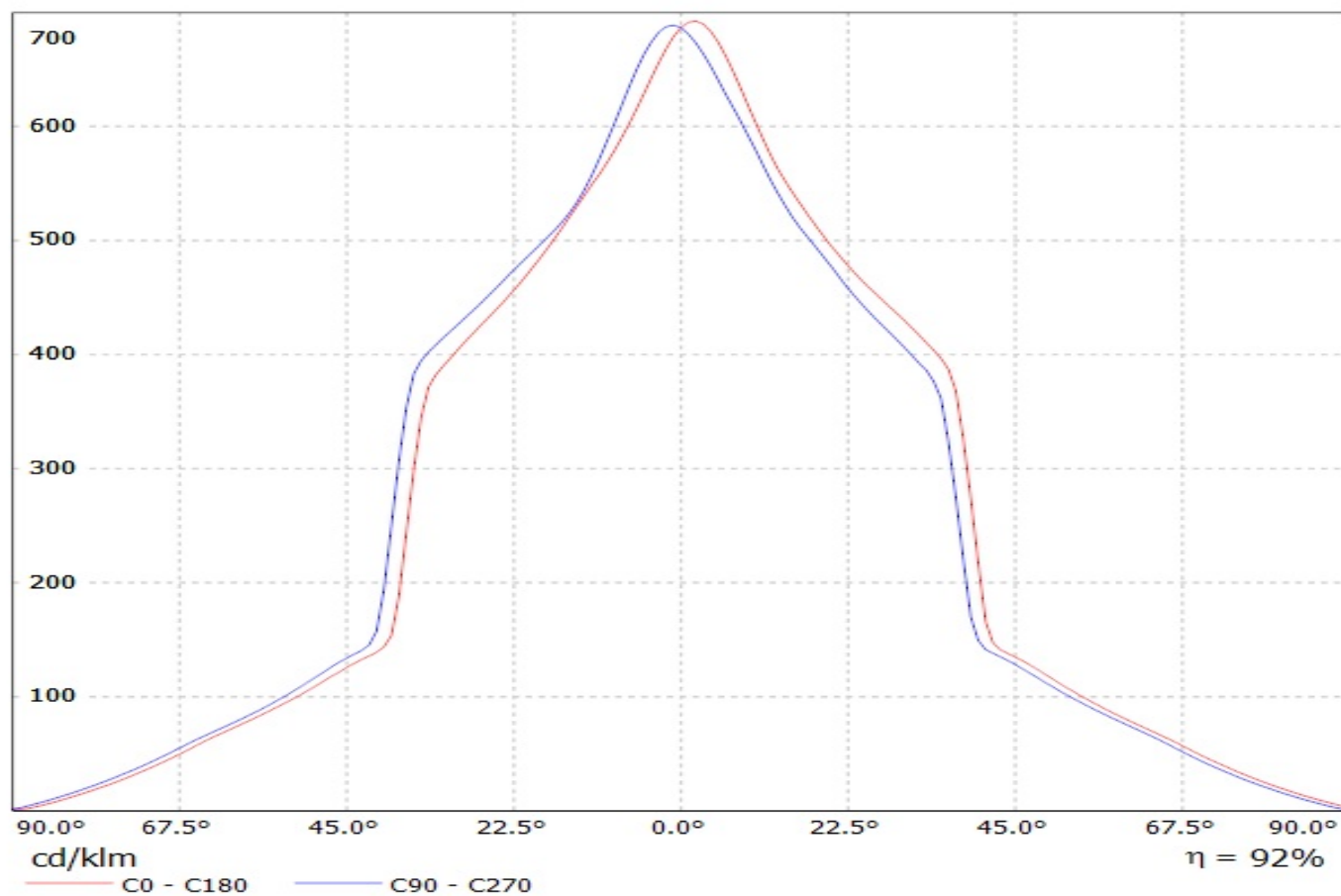
Luminaire: Ledil Oy CP12669_LXB3-M (Cree XB-D 84lm @ 250mA) LOR=81%
Lamps: 1 x Cree XB-D 84lm @ 250mA



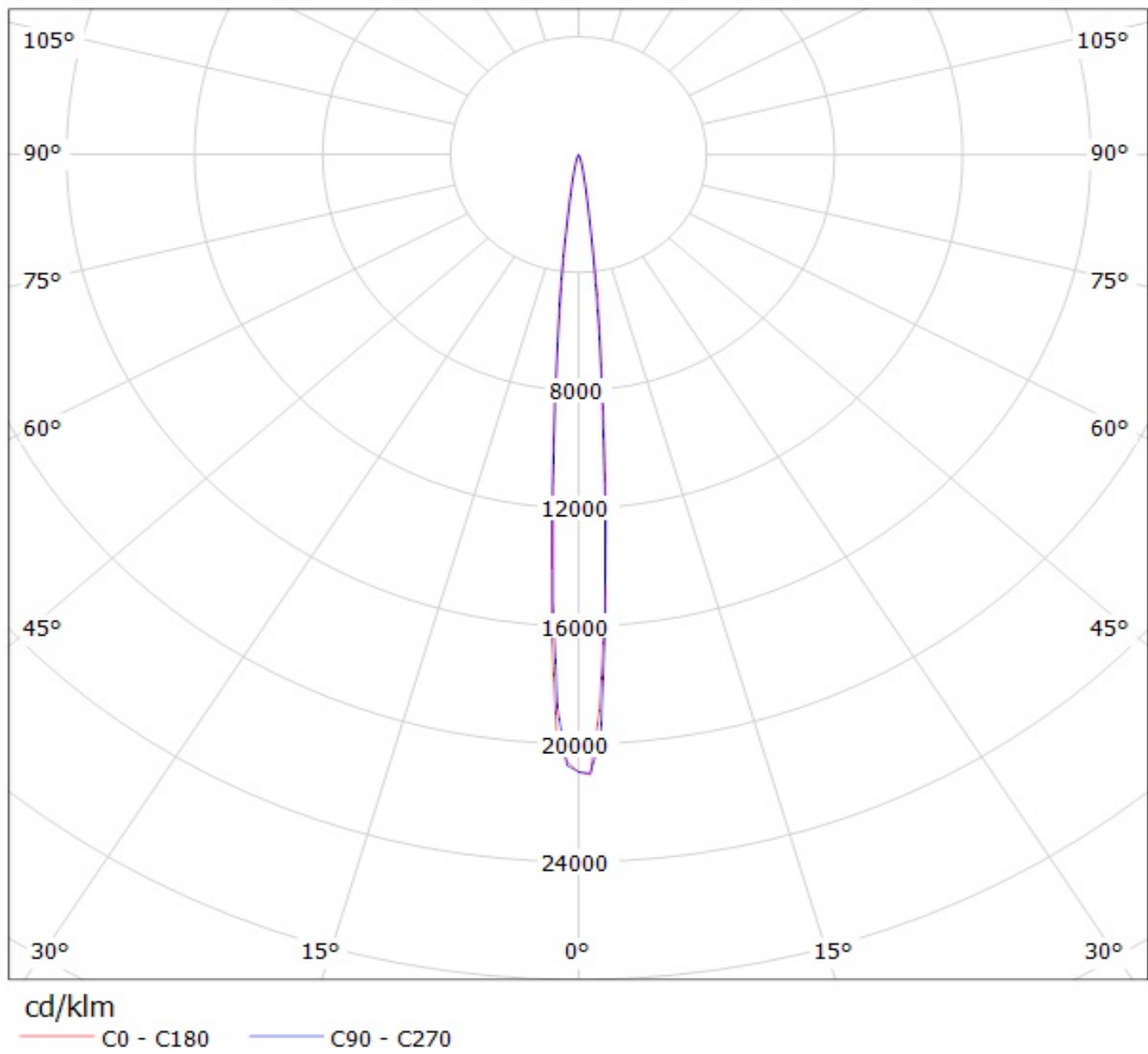
Luminaire: Ledil Oy CP12670_LXB3-W (Cree XB-D 84lm @ 250mA) LOR=81%
Lamps: 1 x Cree XB-D 84lm @ 250mA



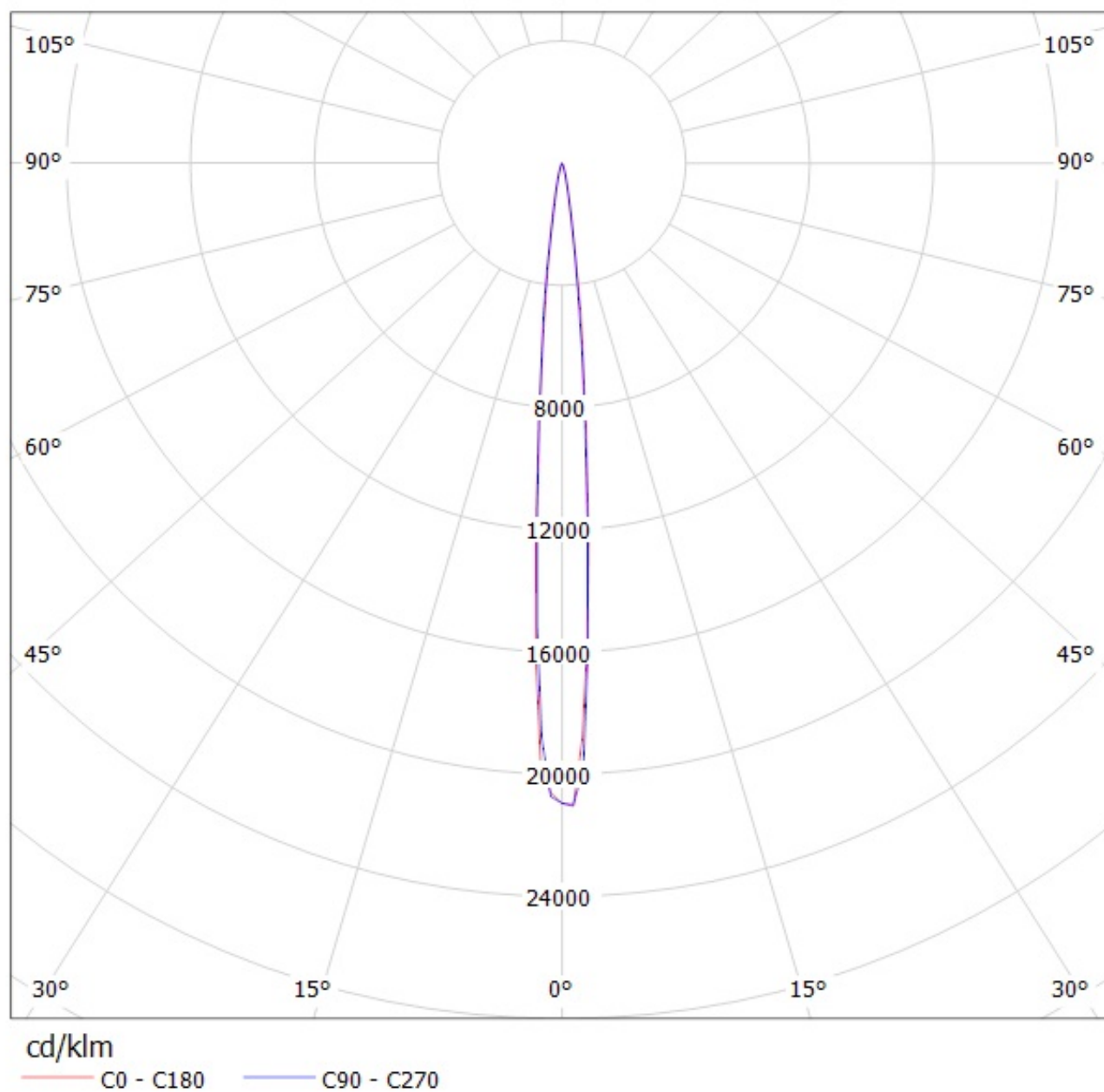
Luminaire: LEDiL Oy C13353_LEILA-R-CLIP16
Lamps: 1 x Cree XBD 92.5lm @ 250mA



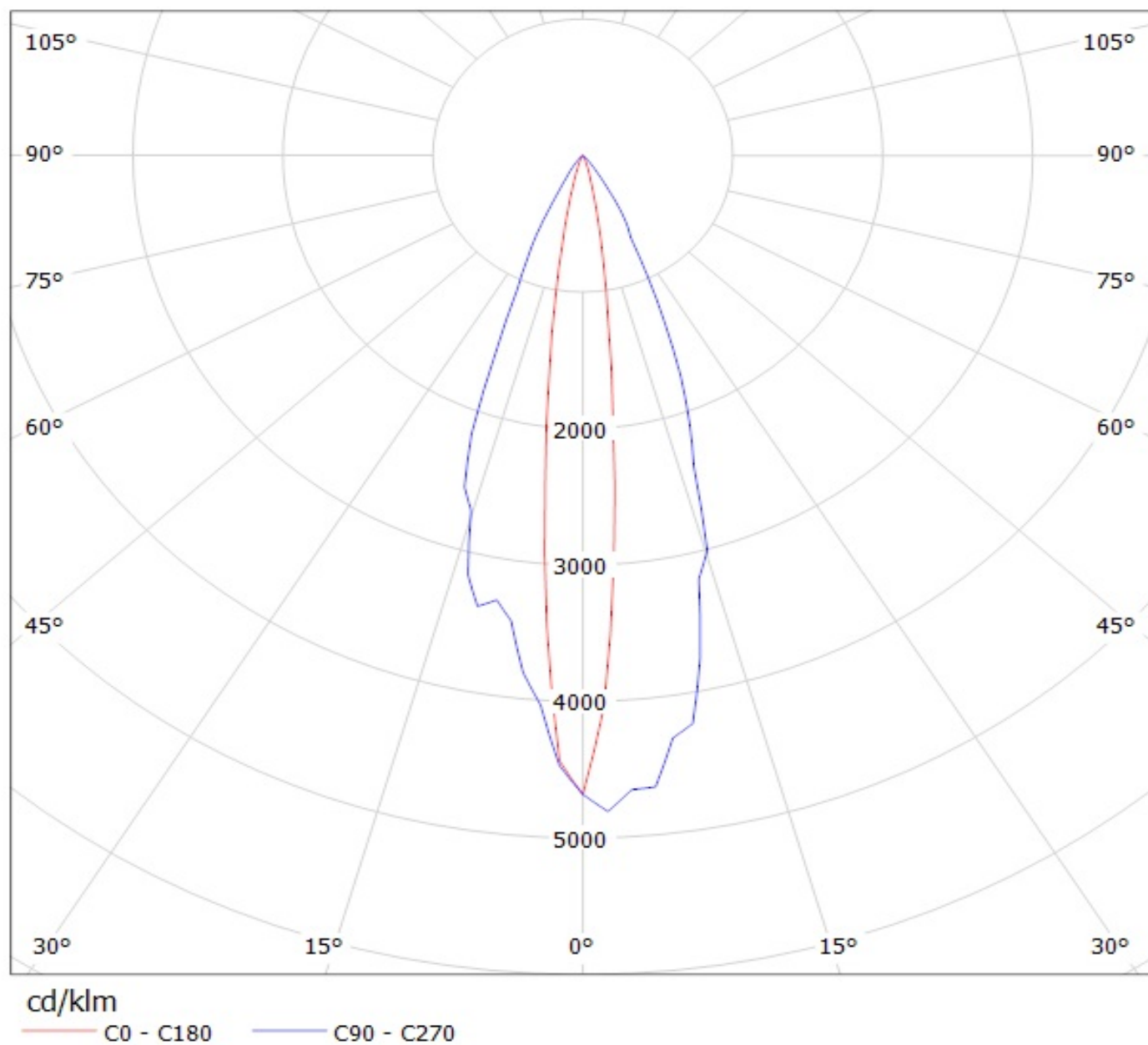
Luminaire: Ledil Oy CP12583_LXB3-RS2 Efficiency=85%
Lamps: 1 x Cree XB-D warm (84lm @ 250mA)



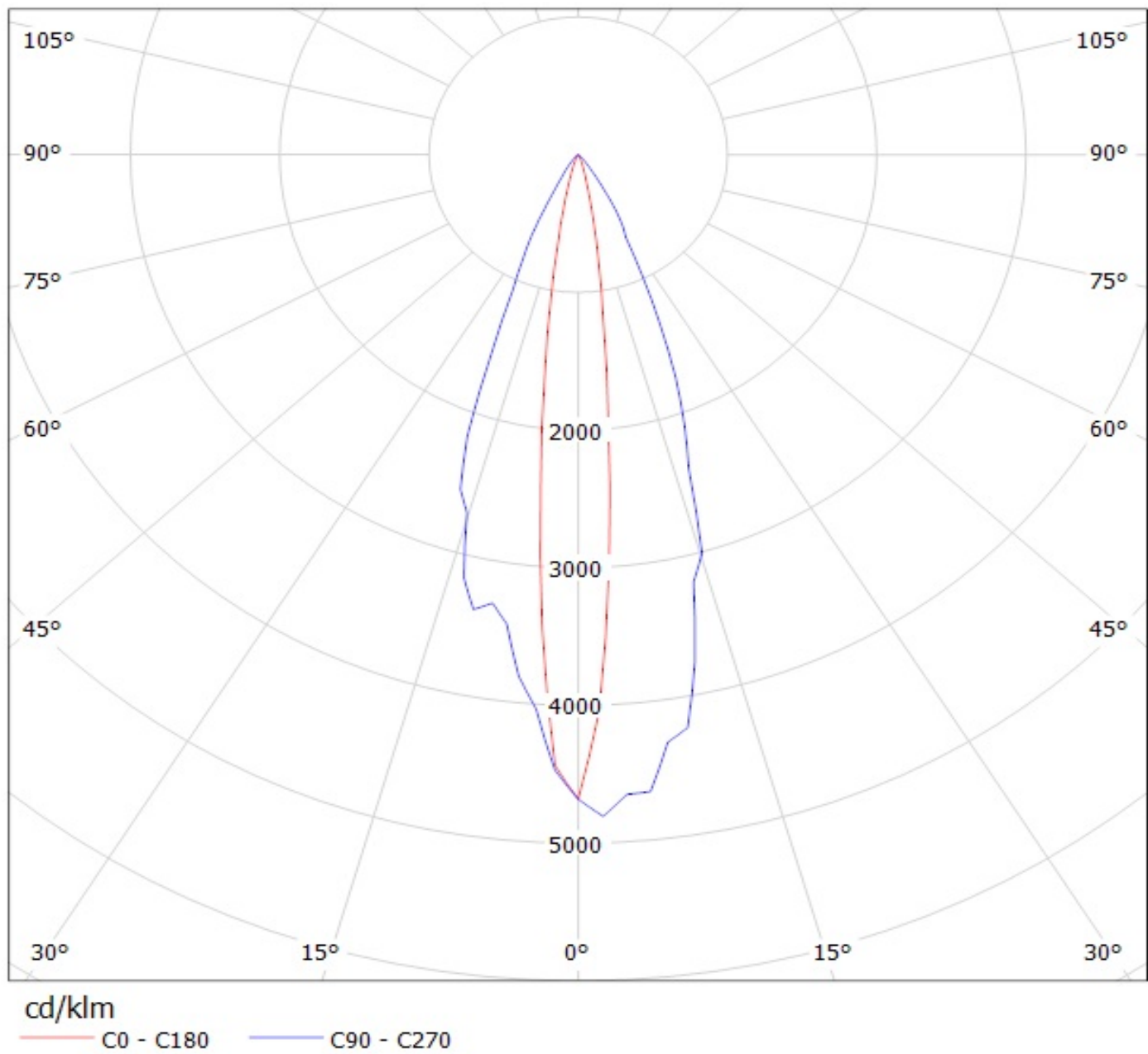
Luminaire: Ledil Oy CA12584_LXB2-RS2 Efficiency=85%
Lamps: 1 x Cree XB-D warm (84lm @ 250mA)



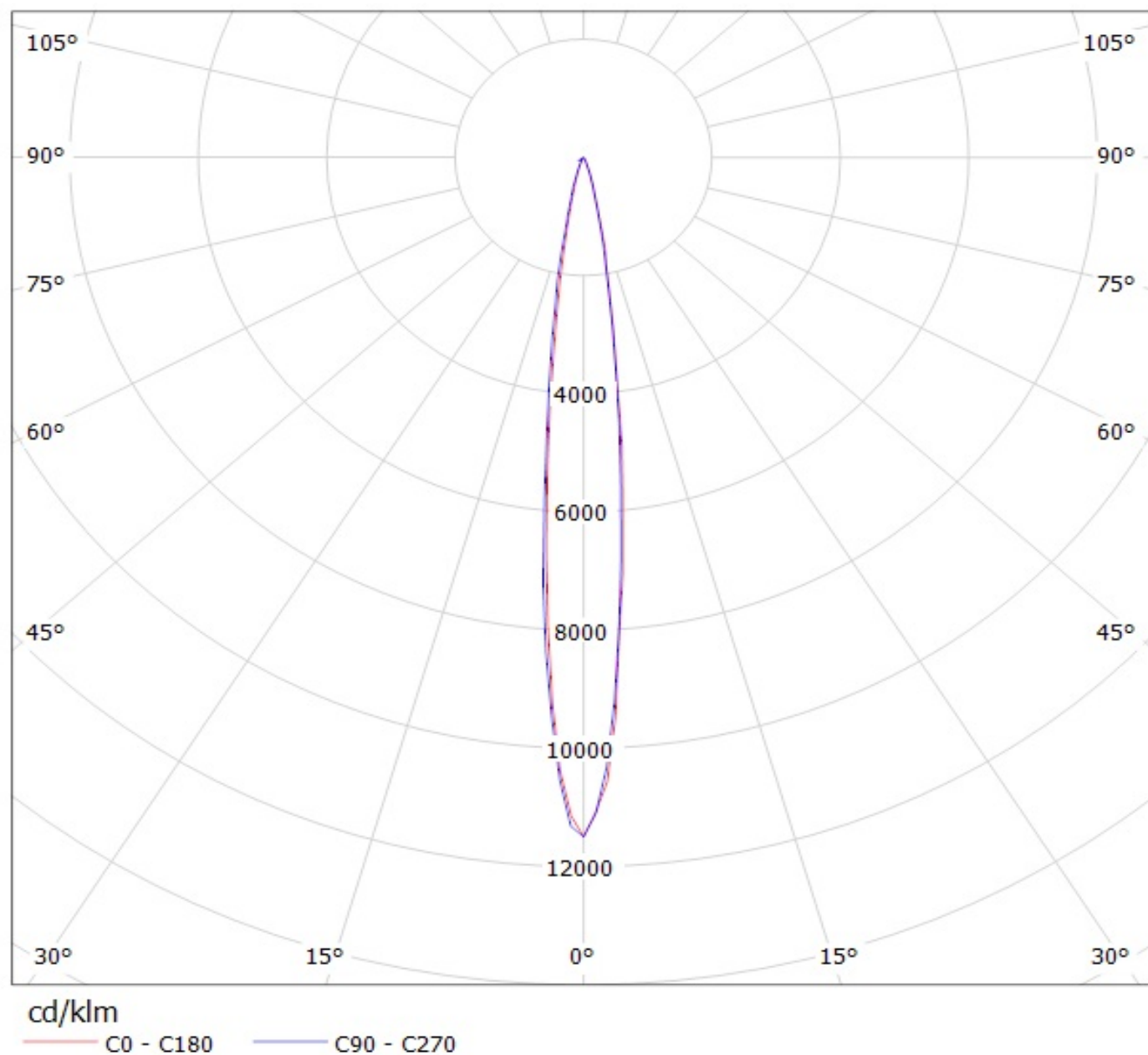
Luminaire: Ledil Oy CA12844_LXB2-O-90 (Cree XB-D 84lm @ 250mA) LOR=80%
Lamps: 1 x Cree XB-D 84lm @ 250mA



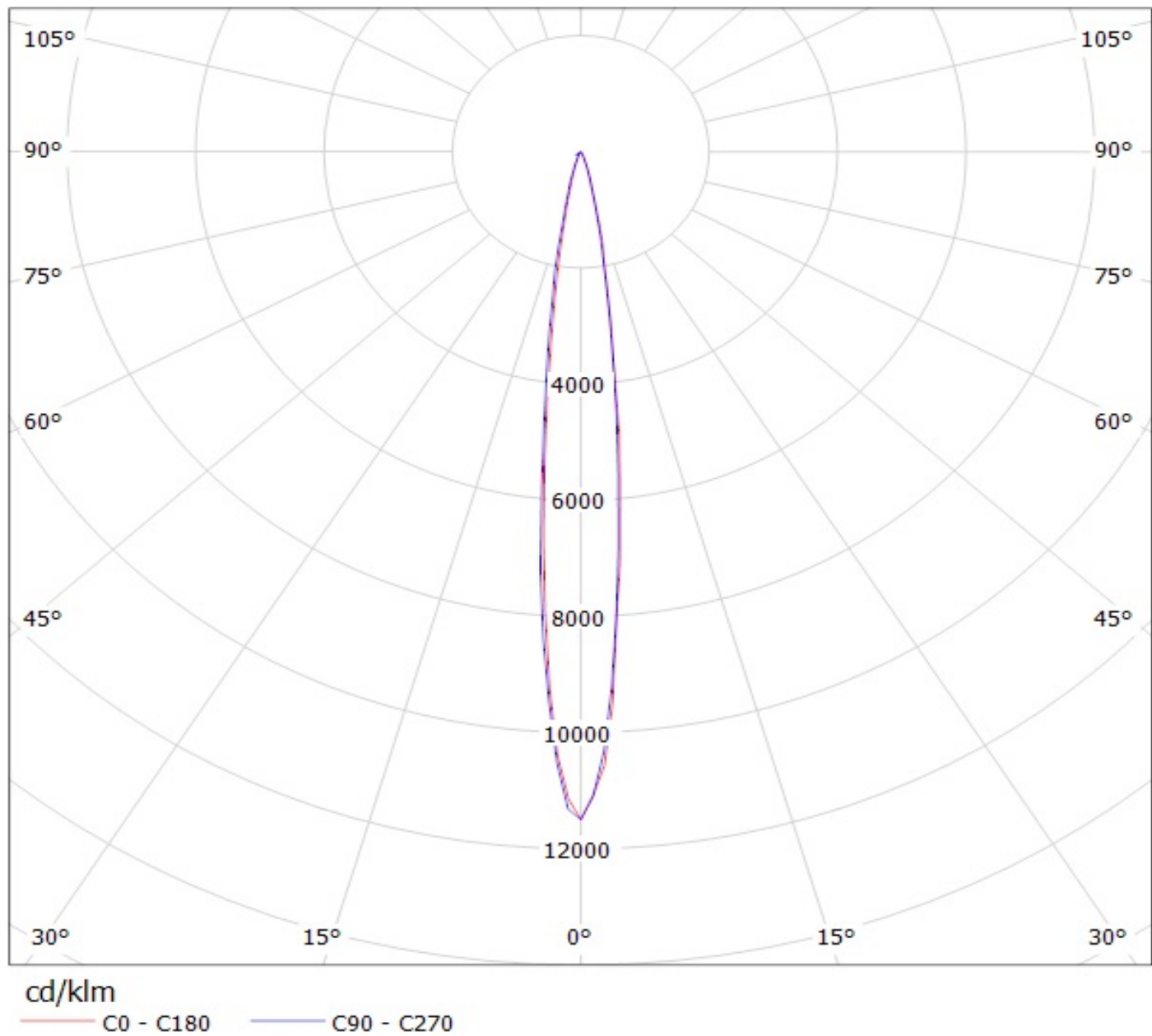
Luminaire: Ledil Oy CP12846_LXB3-O-90 (Cree XB-D 84lm @ 250mA) LOR=80%
Lamps: 1 x Cree XB-D 84lm @ 250mA



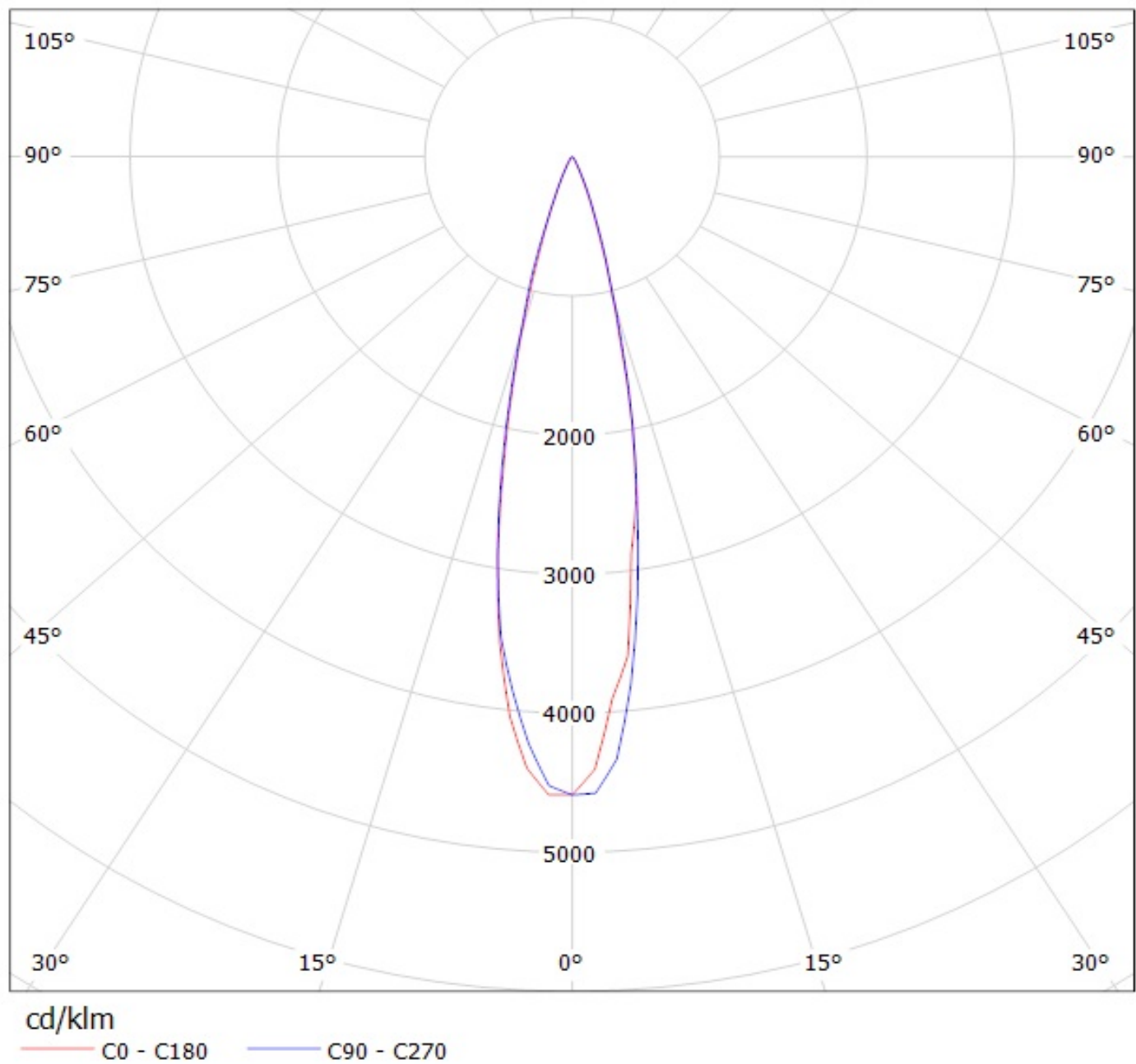
Luminaire: Ledil Oy CA12665_LXB2-D (Cree XB-D 84lm @ 250mA) LOR=80%
Lamps: 1 x Cree XB-D 84lm @ 250mA



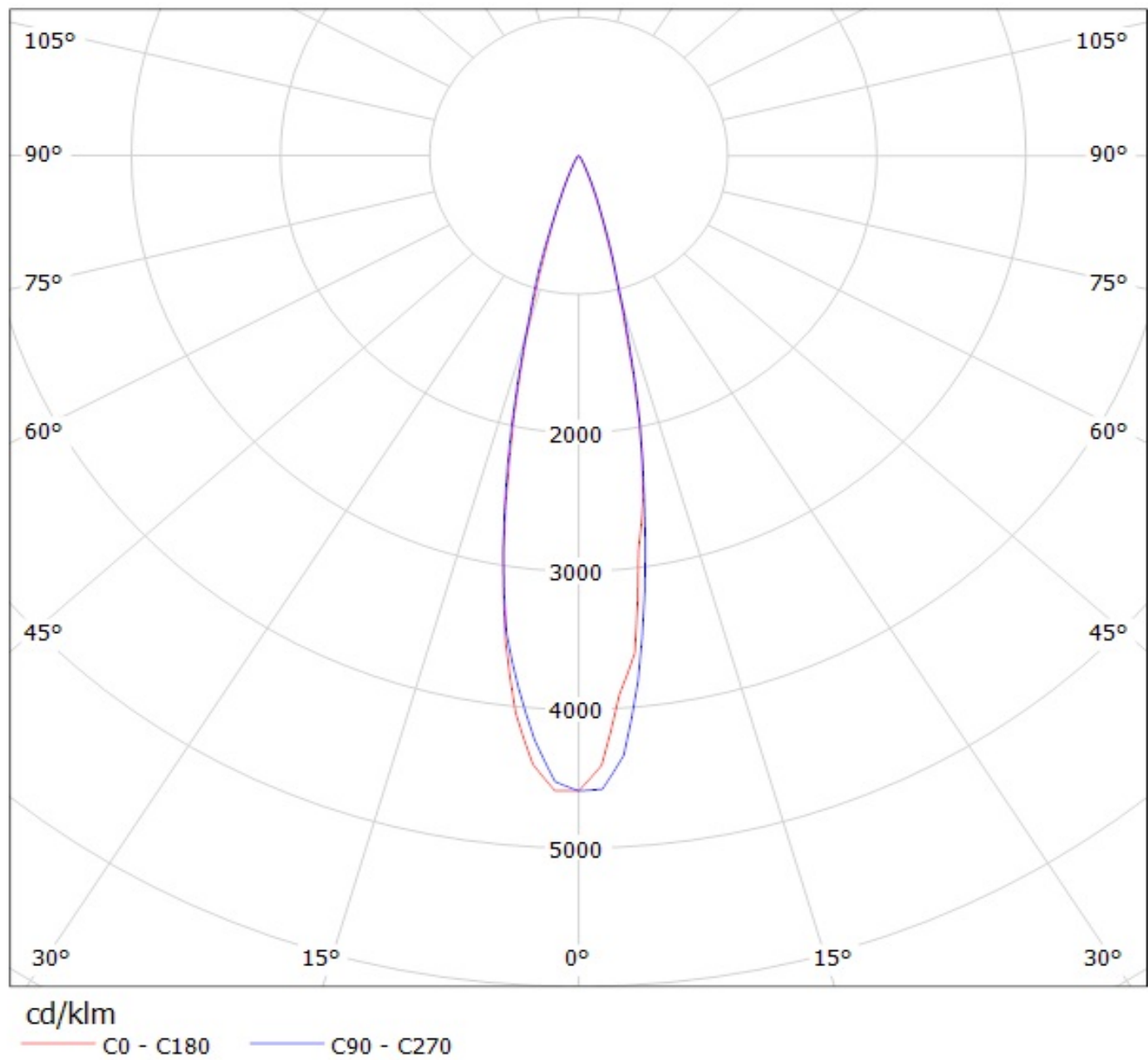
Luminaire: Ledil Oy CP12668_LXB3-D (Cree XB-D 84lm @ 250mA) LOR=80%
Lamps: 1 x Cree XB-D 84lm @ 250mA



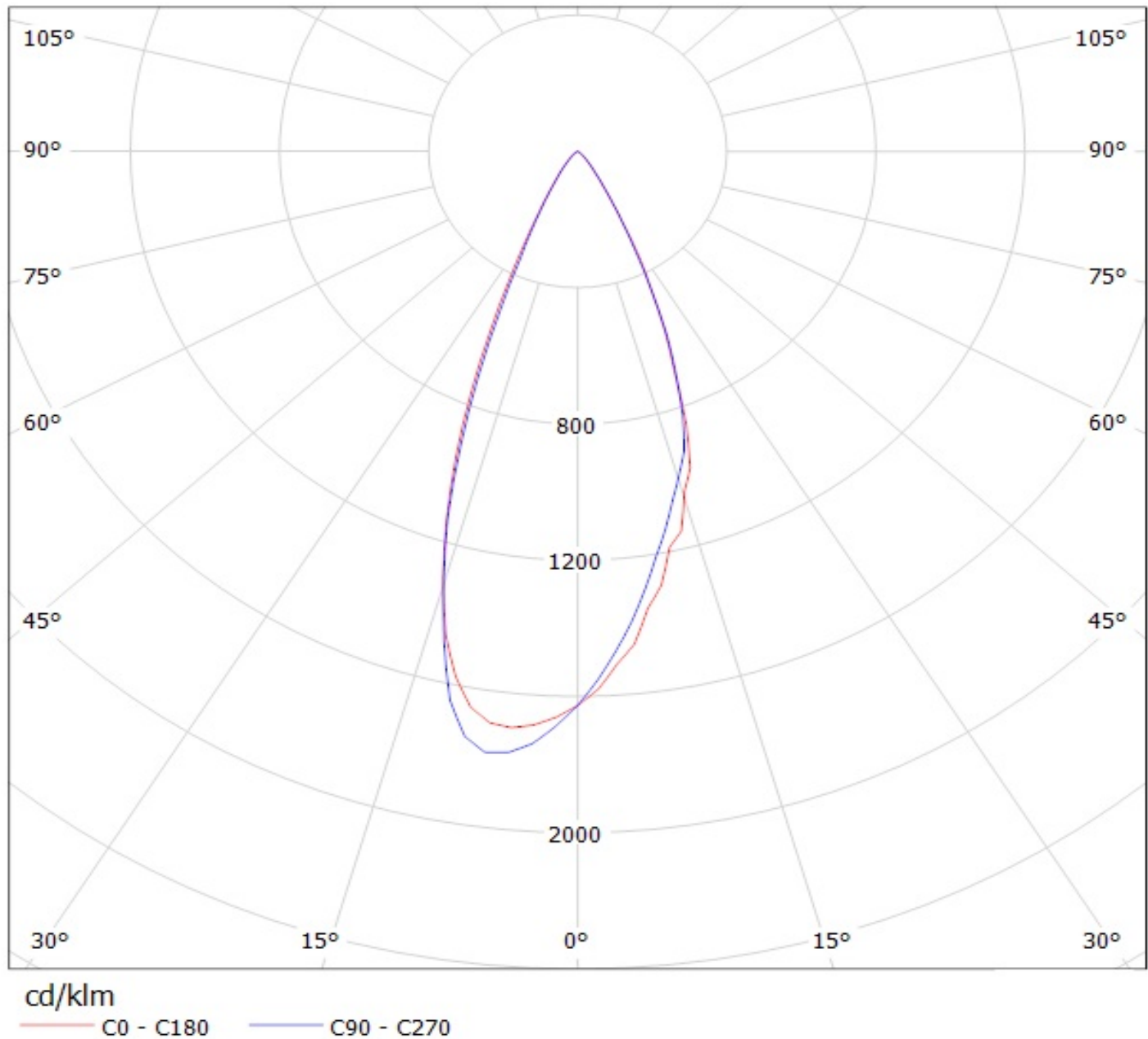
Luminaire: Ledil Oy CA12666_LXB2-M (Cree XB-D 84lm @ 250mA) LOR=81%
Lamps: 1 x Cree XB-D 84lm @ 250mA



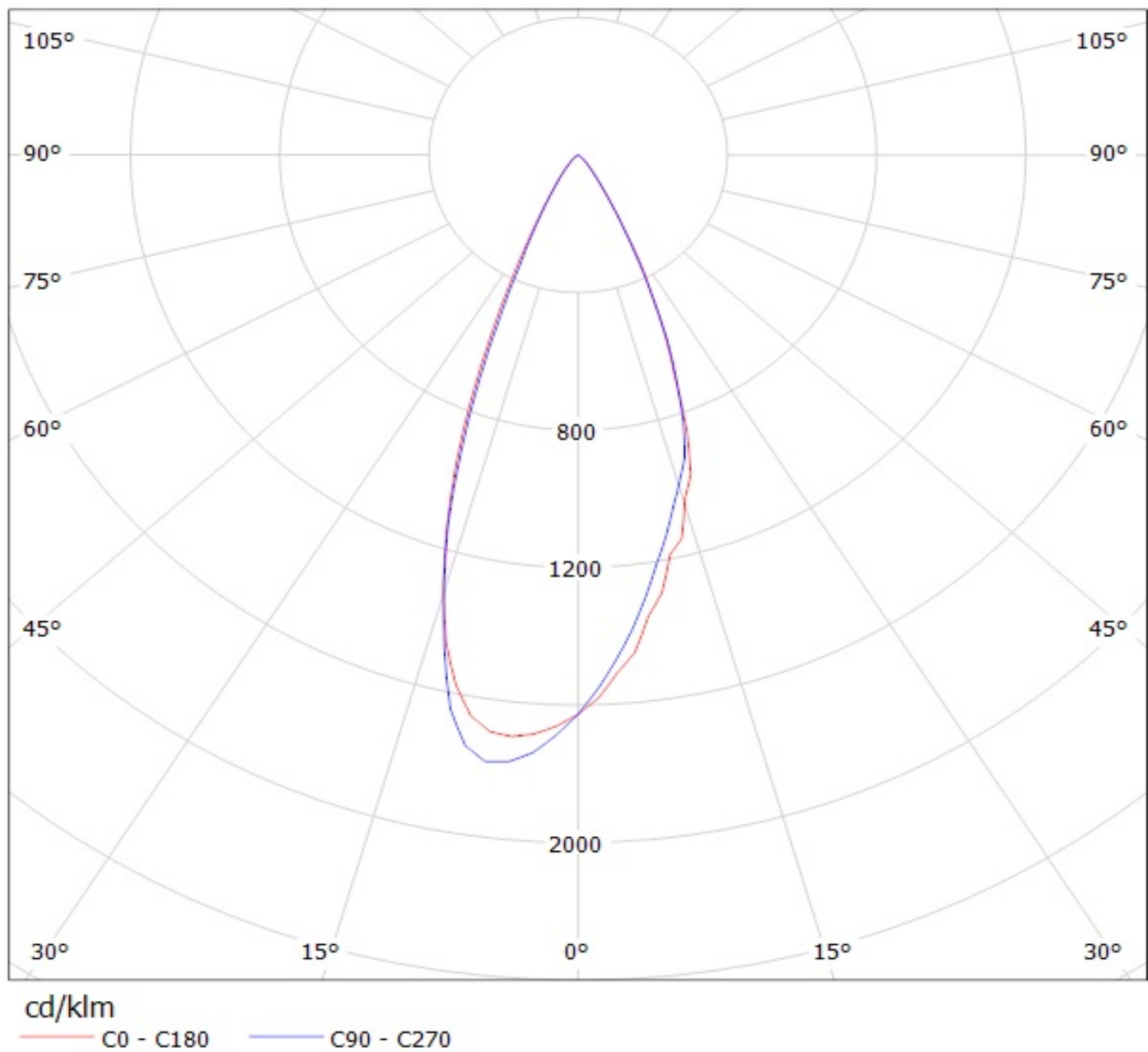
Luminaire: Ledil Oy CP12669_LXB3-M (Cree XB-D 84lm @ 250mA) LOR=81%
Lamps: 1 x Cree XB-D 84lm @ 250mA



Luminaire: Ledil Oy CA12667_LXB2-W (Cree XB-D 84lm @ 250mA) LOR=81%
Lamps: 1 x Cree XB-D 84lm @ 250mA



Luminaire: Ledil Oy CP12670_LXB3-W (Cree XB-D 84lm @ 250mA) LOR=81%
Lamps: 1 x Cree XB-D 84lm @ 250mA



Luminaire: LEDiL Oy C13353_LEILA-R-CLIP16
Lamps: 1 x Cree XBD 92.5lm @ 250mA

