

**Ordering number C12828_EVA-O**

Family	Eva	FWHM	20.5+37 degrees
Type	Lens	Efficiency	83 %
LED	LUXEON M	cd/Im	2.700
Color	Clear	Gerber File	Available
Diameter	35 mm		
Height	16.4 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	-		
Status	Ready		

**Ordering number CP12857_EVA-O**

Family	Eva	FWHM	20.5+37 degrees
Type	Assembly	Efficiency	83 %
LED	LUXEON M	cd/Im	2.700
Color	Black	Gerber File	Available
Diameter	37.7 mm		
Height	17 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	PC		
Fastening	Screw, glue		
Status	Ready		

**Ordering number CA12858_EVA-O**

Family	Eva	FWHM	20.5+37 degrees
Type	Assembly	Efficiency	83 %
LED	LUXEON M	cd/Im	2.700
Color	Black	Gerber File	Available
Diameter	37.7 mm		
Height	17.2 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	PC		
Fastening	Screw, tape		
Status	Ready		

**Ordering number C10684_EVA-D**

Family	Eva	FWHM	21 degrees
Type	Lens	Efficiency	90 %
LED	LUXEON M	cd/Im	4.200
Color	Clear	Gerber File	Available
Diameter	35 mm		
Height	16.4 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	-		
Status	Ready		

Outer flange can be secured in fixture for hardware-free attachment

**Ordering number CP12818_EVA-D**

Family	Eva	FWHM	21 degrees
Type	Assembly	Efficiency	89 %
LED	LUXEON M	cd/Im	4.200
Color	Black	Gerber File	Available
Diameter	37.7 mm		
Height	17 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	PC		
Fastening	Screw, glue		
Status	Ready		

**Ordering number C10685_EVA-M**

Family	Eva	FWHM	26 degrees
Type	Lens	Efficiency	89 %
LED	LUXEON M	cd/Im	2.800
Color	Clear	Gerber File	Available
Diameter	35 mm		
Height	16.4 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	-		
Status	Ready		

Outer flange can be secured in fixture for hardware-free attachment

**Ordering number CA12803_EVA-M**

Family	Eva	FWHM	26 degrees
Type	Assembly	Efficiency	87 %
LED	LUXEON M	cd/Im	2.800
Color	Black	Gerber File	Available
Diameter	37.7 mm		
Height	17 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	PC		
Fastening	Screw, tape		
Status	Ready		

**Ordering number CP12819_EVA-M**

Family	Eva	FWHM	26 degrees
Type	Assembly	Efficiency	87 %
LED	LUXEON M	cd/Im	2.800
Color	Black	Gerber File	Available
Diameter	37.7 mm		
Height	17 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	PC		
Fastening	Screw, glue		
Status	Ready		

**Ordering number C10686_EVA-W**

Family	Eva	FWHM	45 degrees
Type	Lens	Efficiency	80 %
LED	LUXEON M	cd/Im	1.300
Color	Clear	Gerber File	Available
Diameter	35 mm		
Height	16.4 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	-		
Status	Ready		

Outer flange can be secured in fixture for hardware-free attachment

**Ordering number CA12804_EVA-W**

Family	Eva	FWHM	45 degrees
Type	Assembly	Efficiency	80 %
LED	LUXEON M	cd/Im	1.300
Color	Black	Gerber File	Available
Diameter	37.7 mm		
Height	17 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	PC		
Fastening	Screw, tape		
Status	Ready		

**Ordering number CP12820_EVA-W**

Family	Eva	FWHM	45 degrees
Type	Assembly	Efficiency	80 %
LED	LUXEON M	cd/Im	1.300
Color	Black	Gerber File	Available
Diameter	37.7 mm		
Height	17 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	PC		
Fastening	Screw, glue		
Status	Ready		

**Ordering number C10909_EVA-WW**

Family	Eva	FWHM	65 degrees
Type	Lens	Efficiency	80 %
LED	LUXEON M	cd/Im	-
Color	Clear	Gerber File	Available
Diameter	35 mm		
Height	16.4 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	-		
Status	Ready		

Outer flange can be secured in fixture for hardware-free attachment

**Ordering number CA12805_EVA-WW**

Family	Eva	FWHM	65 degrees
Type	Assembly	Efficiency	78 %
LED	LUXEON M	cd/Im	0.700
Color	Black	Gerber File	Available
Diameter	37.7 mm		
Height	17 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	PC		
Fastening	Screw, tape		
Status	Ready		

**Ordering number CP12821_EVA-WW**

Family	Eva	FWHM	65 degrees
Type	Assembly	Efficiency	78 %
LED	LUXEON M	cd/Im	0.700
Color	Black	Gerber File	Available
Diameter	37.7 mm		
Height	17 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	PC		
Fastening	Screw, glue		
Status	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

Eva series

last update 2/4/2013

PHILIPS
LUMILEDS

GENERAL INFORMATION

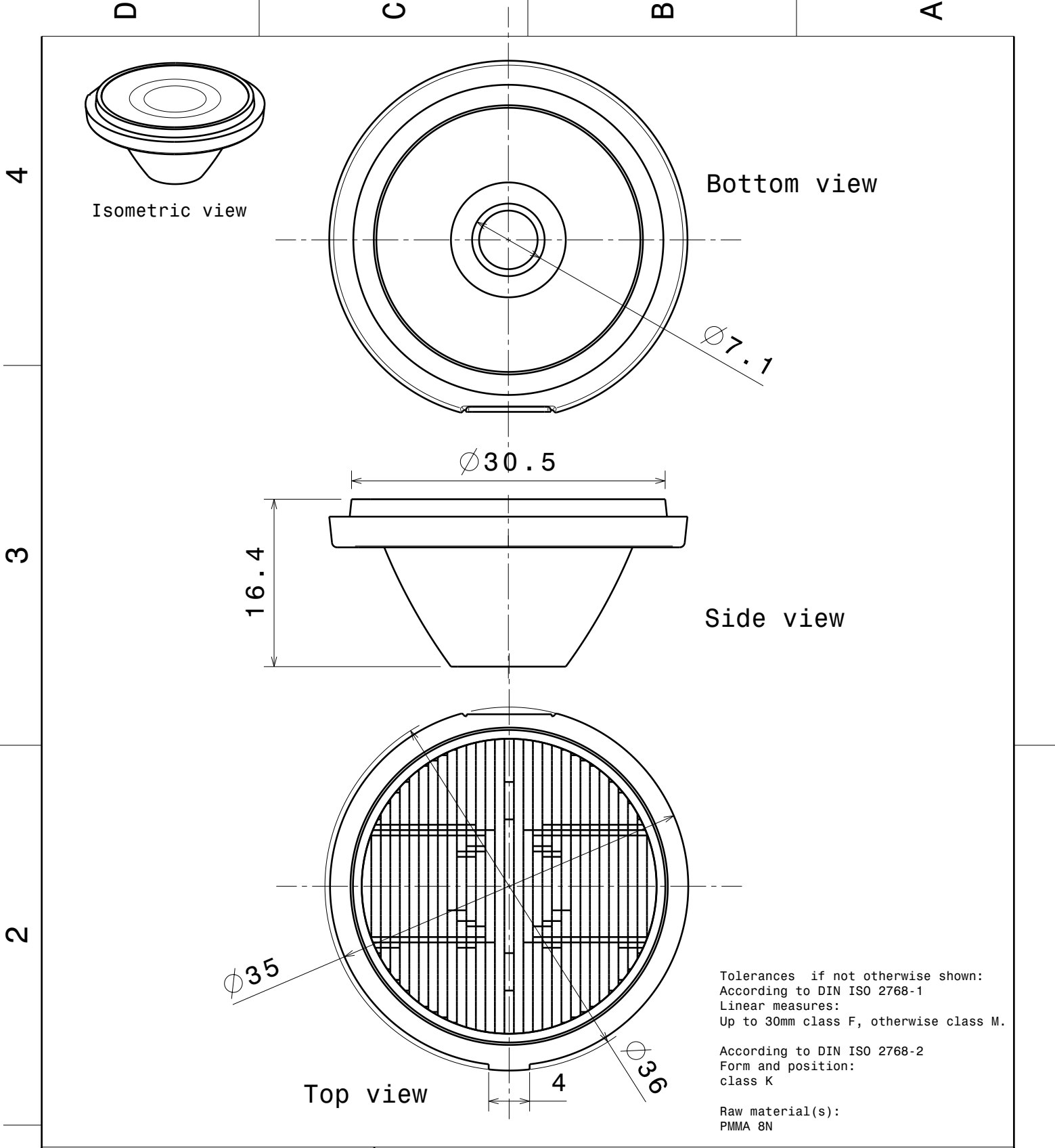
- Product series especially designed & optimized for LUXEON M series of LEDs.
- Special care taken to make light distribution as uniform as possible.
- Lens material optical grade PMMA with high UV and temperature resistance. Allows use of high current and temperature conditions.

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>

- Optic holder molded by high quality PC material (120 degrees of Celcius / 248 degrees of Fahrenheit).

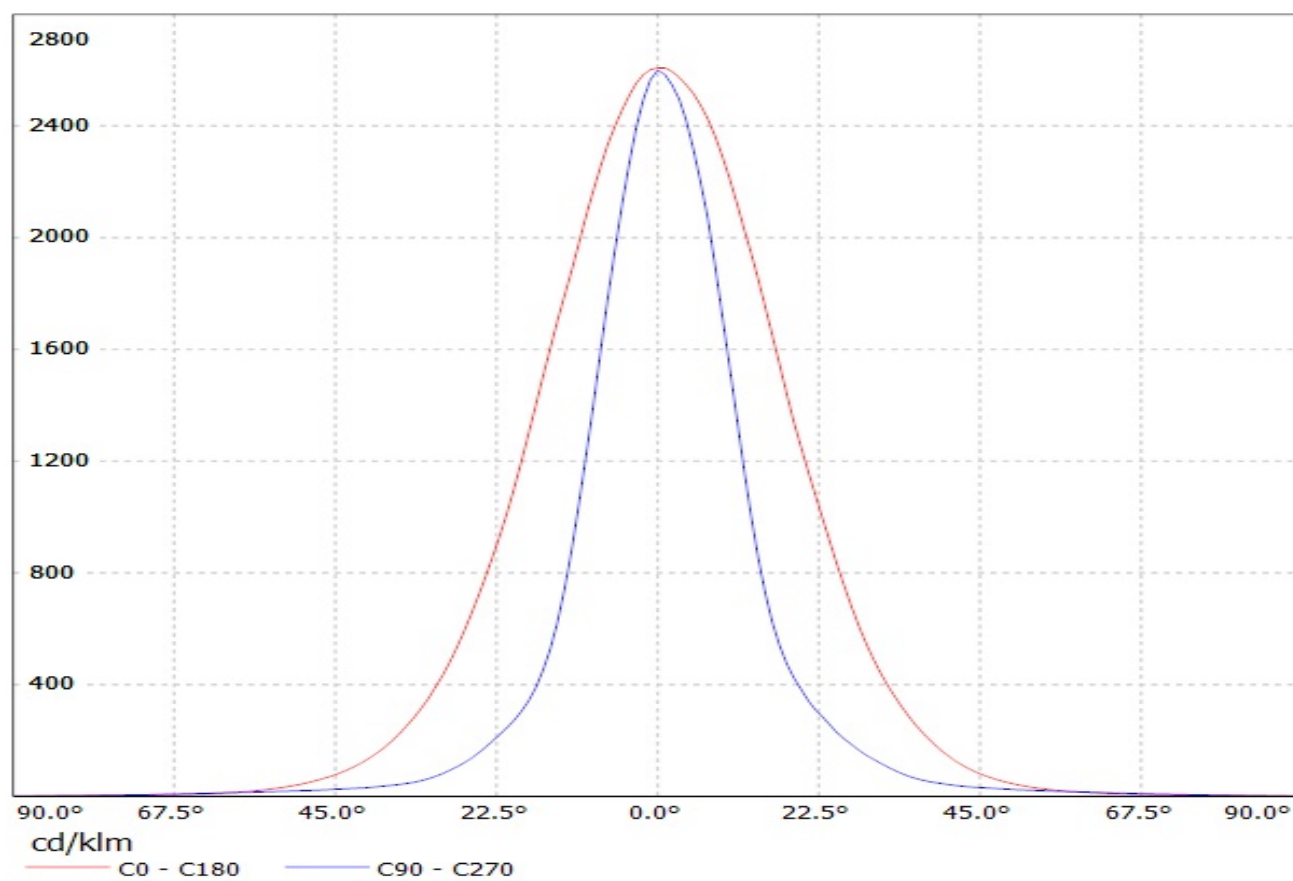


This drawing is our property. It can't be reproduced or communicated without our written agreement.		LEDiL A WORLD OF INNOVATION		Ledil Oy Salorankatu 10 24100 SALO Finland	
DRAWING TITLE					
DRAWN BY		DATE		Datasheet Eva-0 lens	
ah		1.3.2013			
CHECKED BY		DATE		SIZE	
				A4	
DESIGNED BY		DATE		DRAWING NUMBER	
HH		26.08.2008		12828	
		SCALE		REV	
		2 : 1		1	
		WEIGHT (g)		SHEET	
				1 / 1	

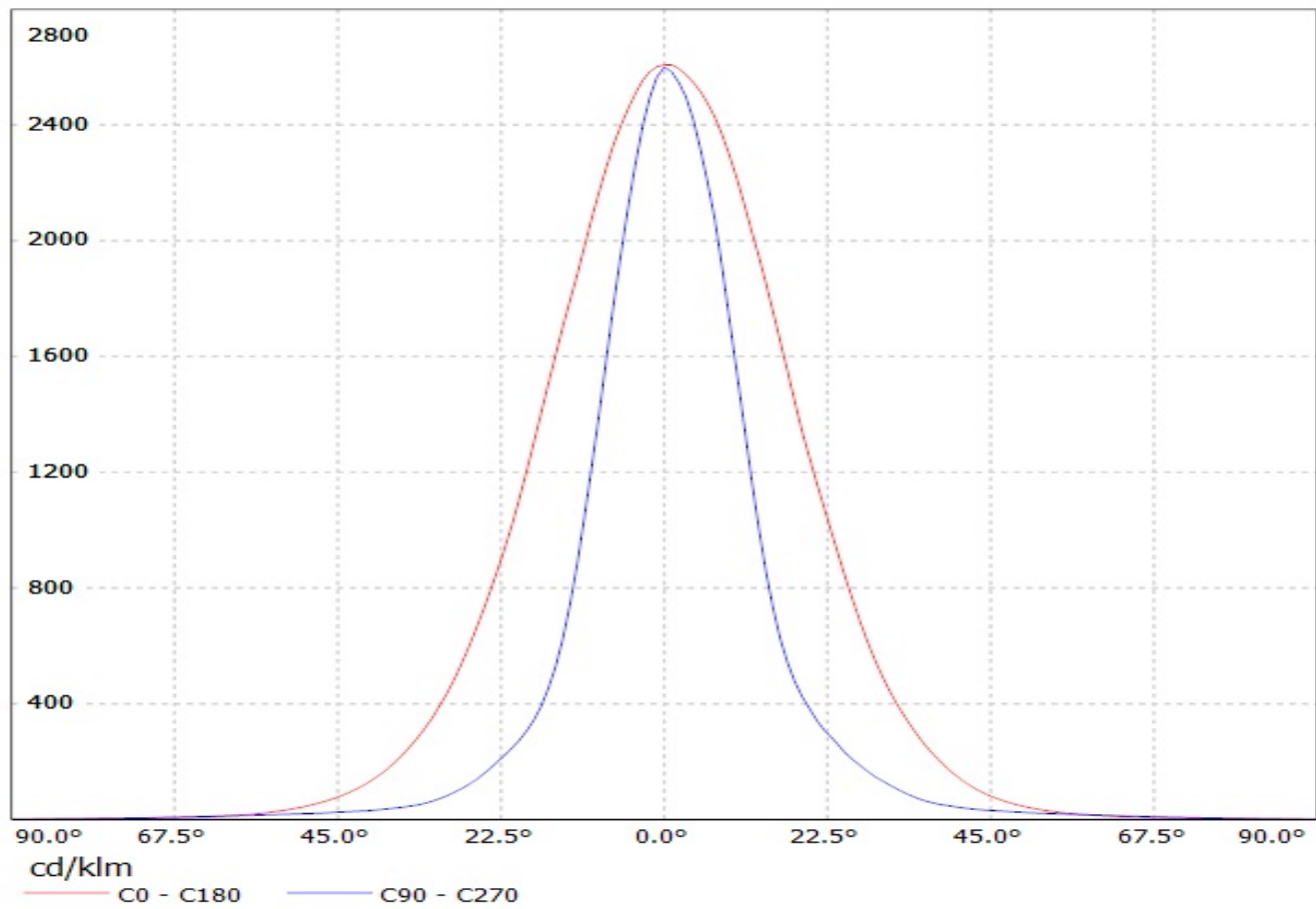
D

A

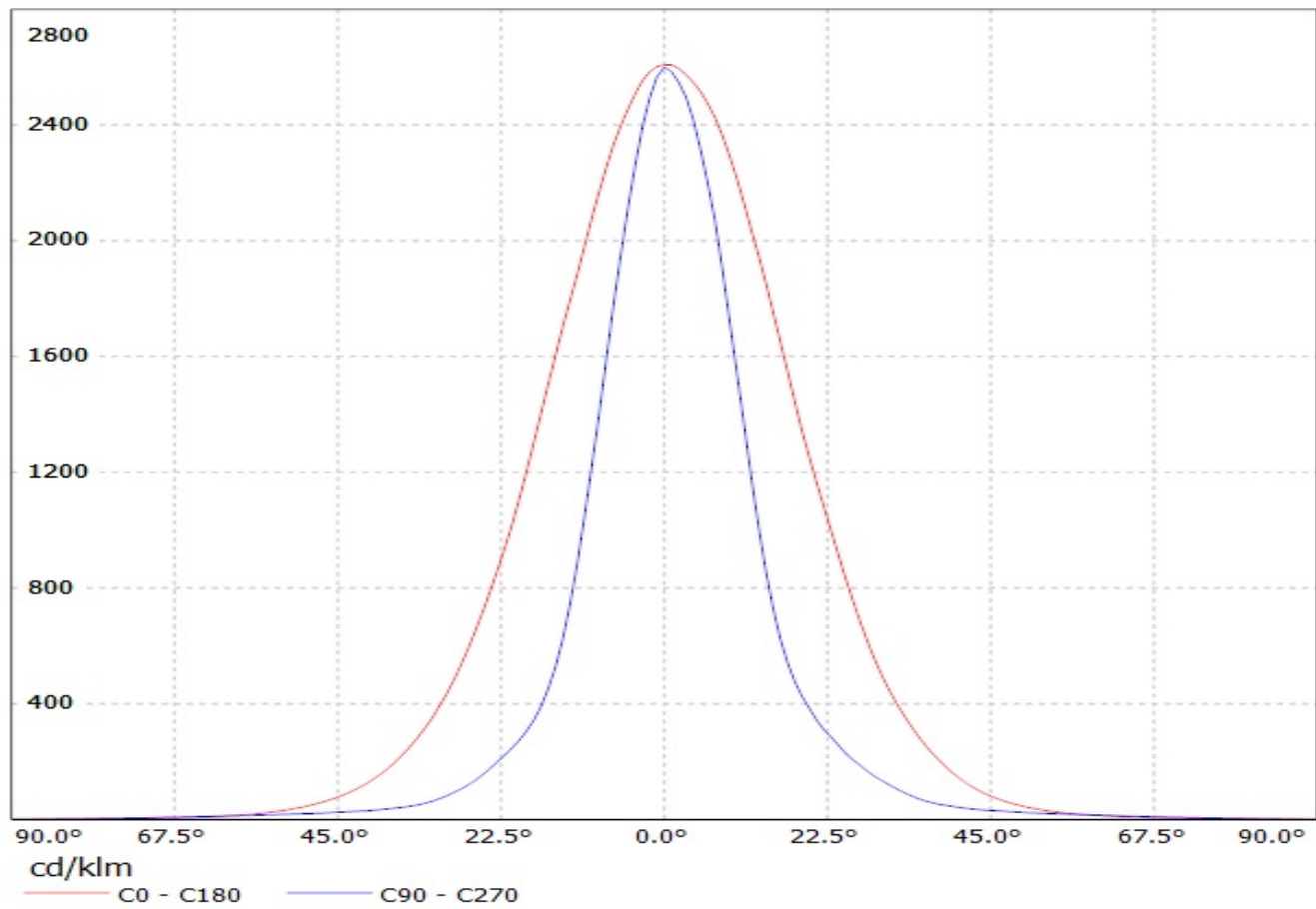
Luminaire: LEDIL OY C12828_EVA-O (Luxeon M) Efficiency=83%
Lamps: 1 x Luxeon M (362lm @ 250mA)



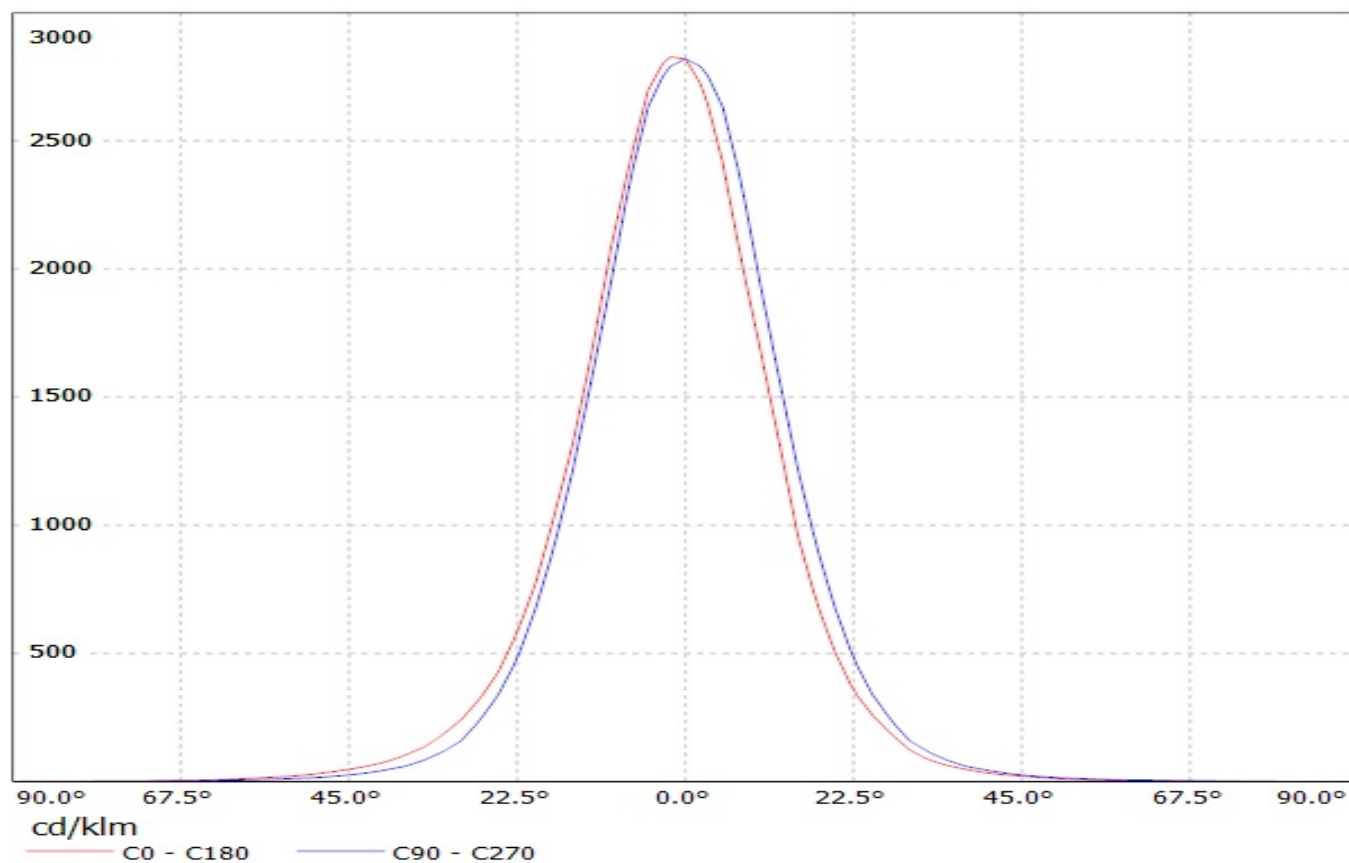
Luminaire: LEDIL OY CA12858_EVA-O / CP12857_EVA-O (Luxeon M) Efficiency=83%
Lamps: 1 x Luxeon M (362lm @ 250mA)



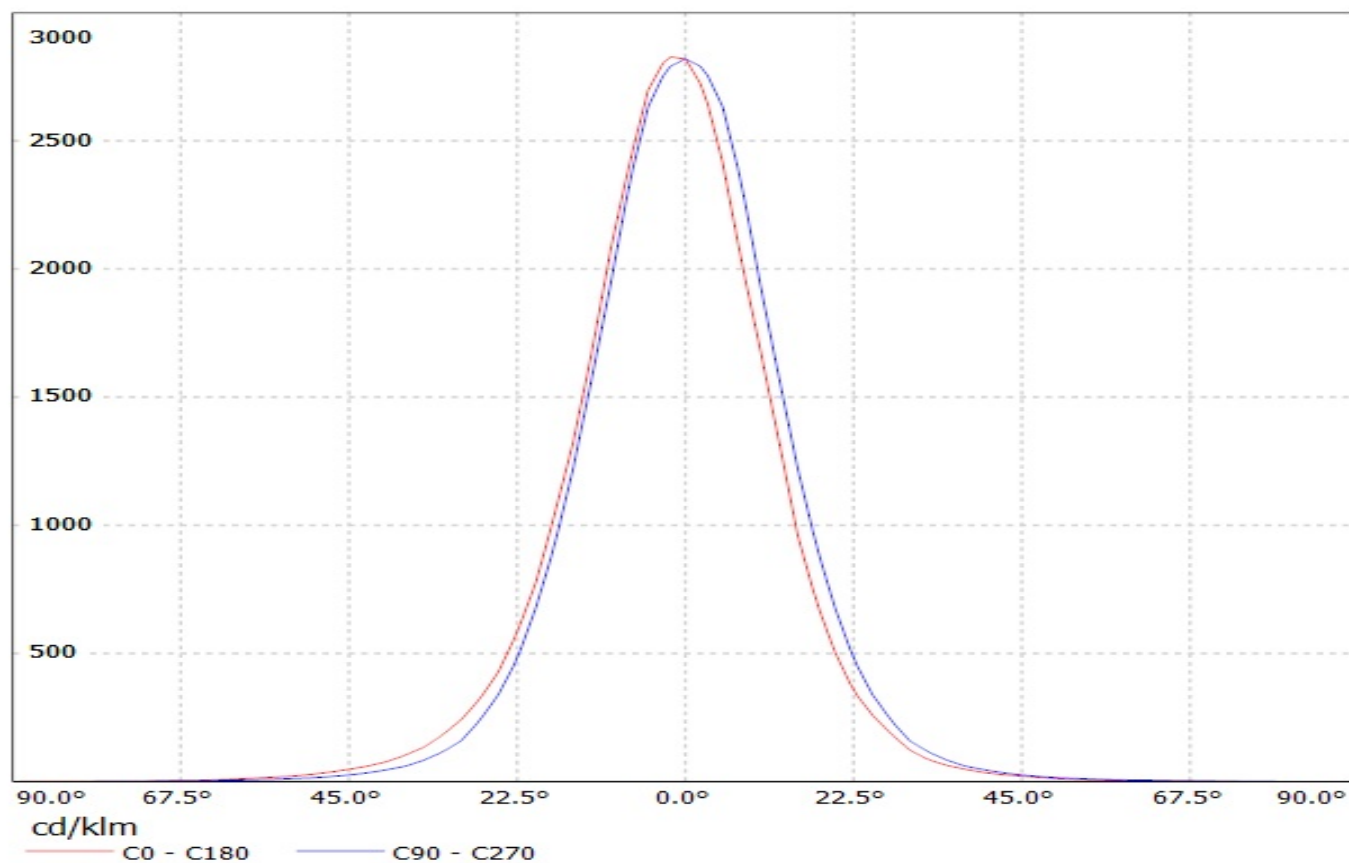
Luminaire: LEDIL OY CA12858_EVA-O / CP12857_EVA-O (Luxeon M) Efficiency=83%
Lamps: 1 x Luxeon M (362lm @ 250mA)



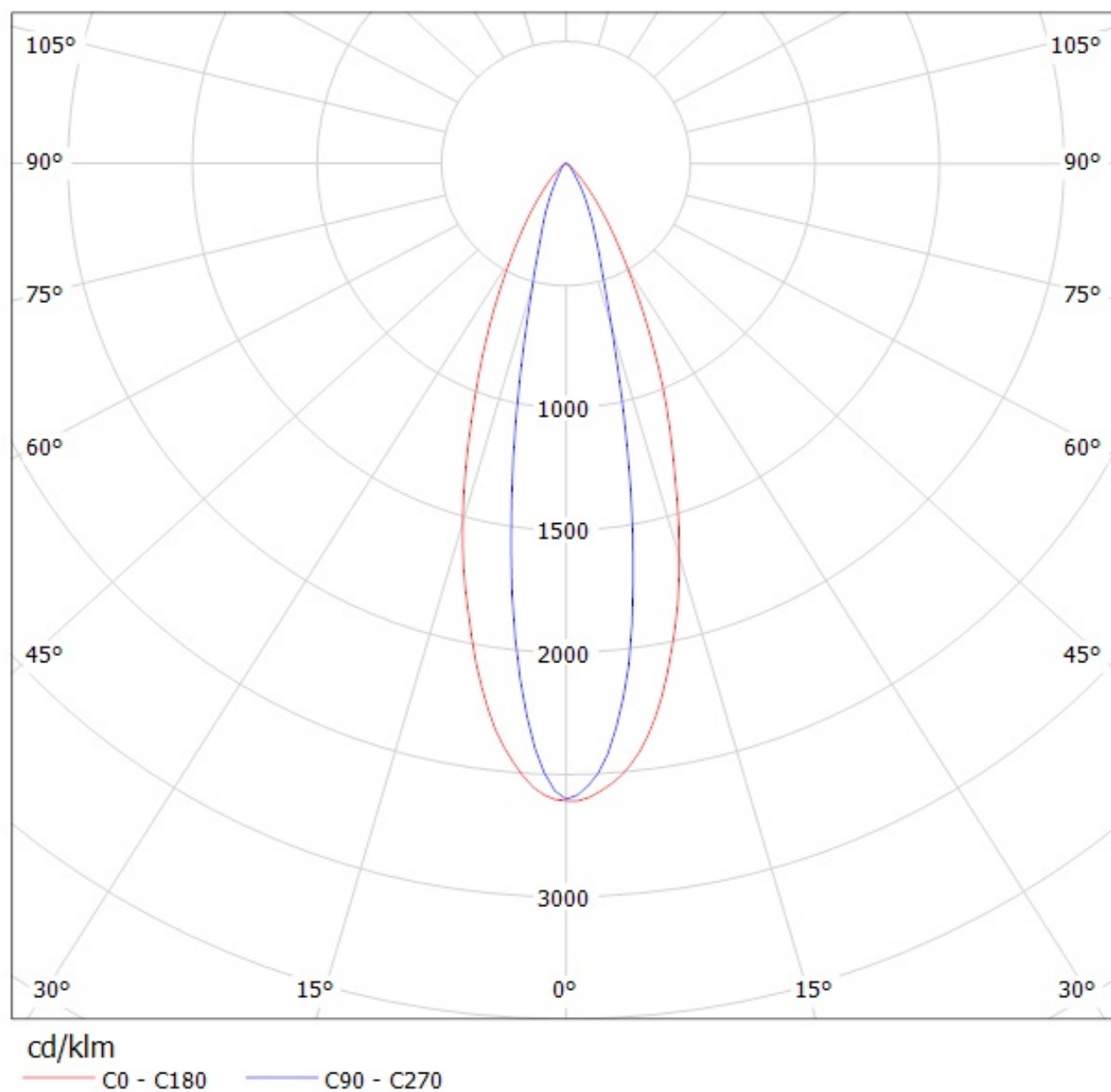
Luminaire: Ledil Oy CA12803_EVA-M & CP12819_EVA-M (Luxeon M) Efficiency=87%
Lamps: 1 x Luxeon M 362lm @ 250mA



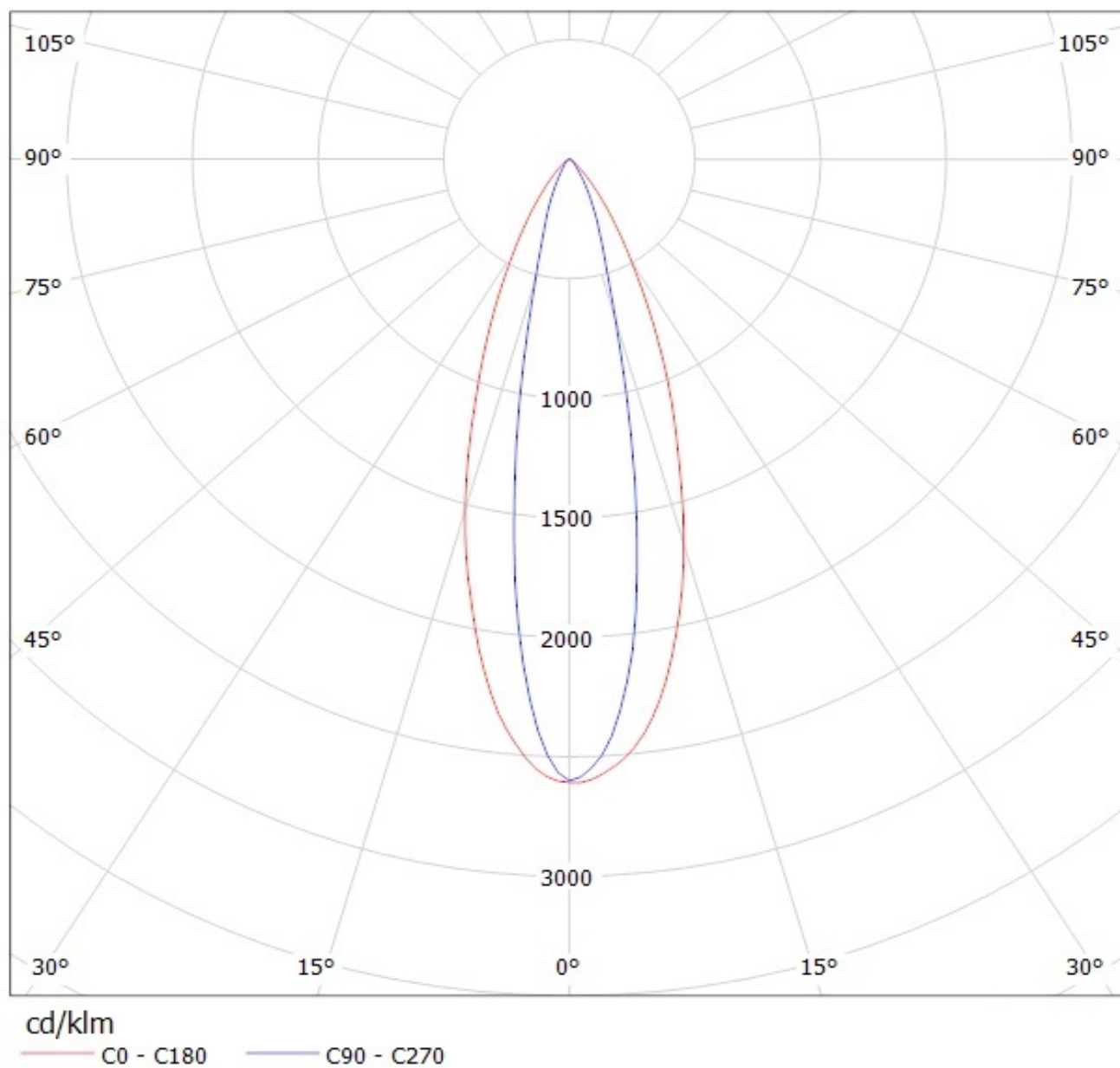
Luminaire: Ledil Oy CA12803_EVA-M & CP12819_EVA-M (Luxeon M) Efficiency=87%
Lamps: 1 x Luxeon M 362lm @ 250mA



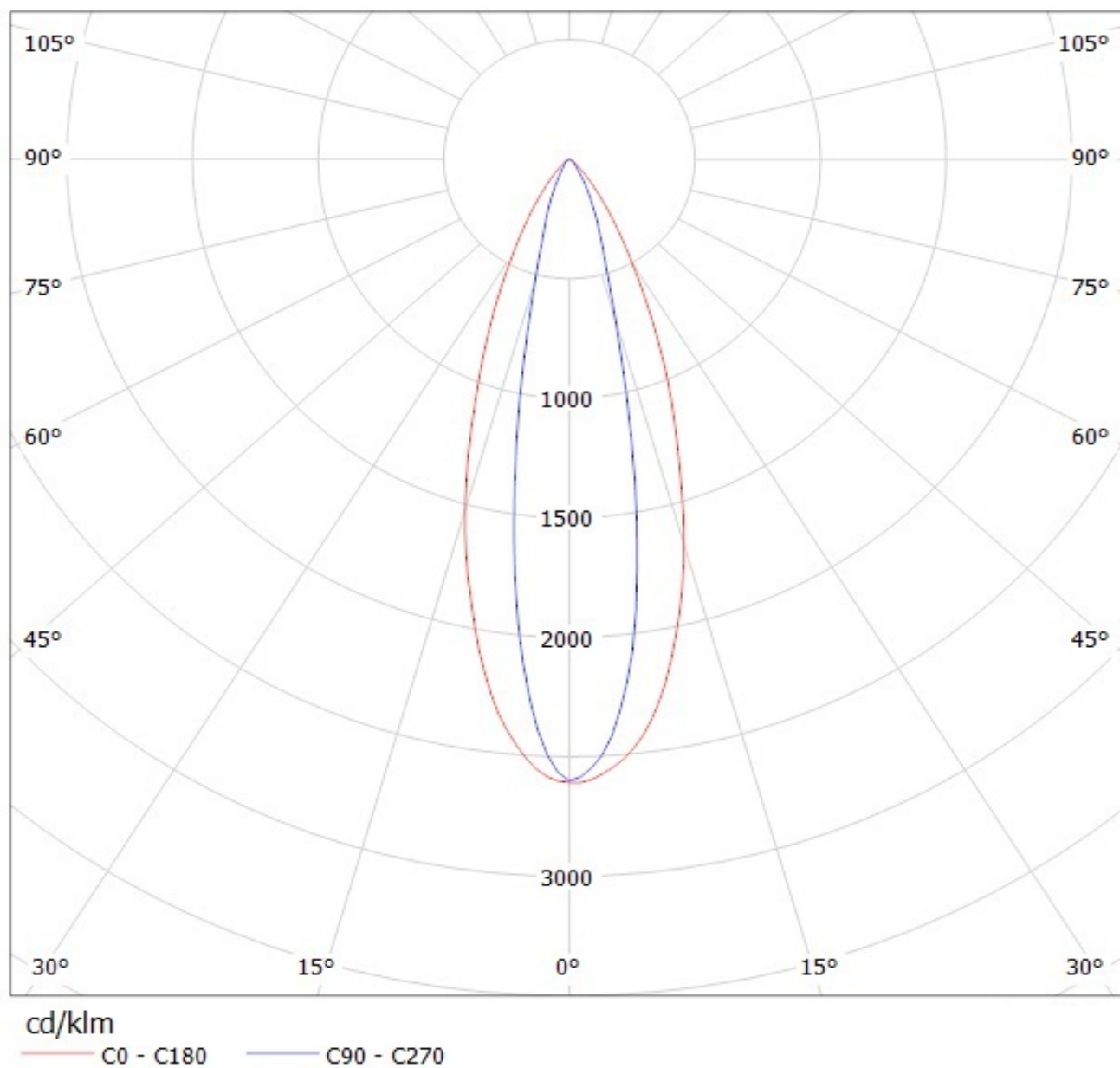
Luminaire: LEDIL OY C12828_EVA-O (Luxeon M) Efficiency=83%
Lamps: 1 x Luxeon M (362lm @ 250mA)



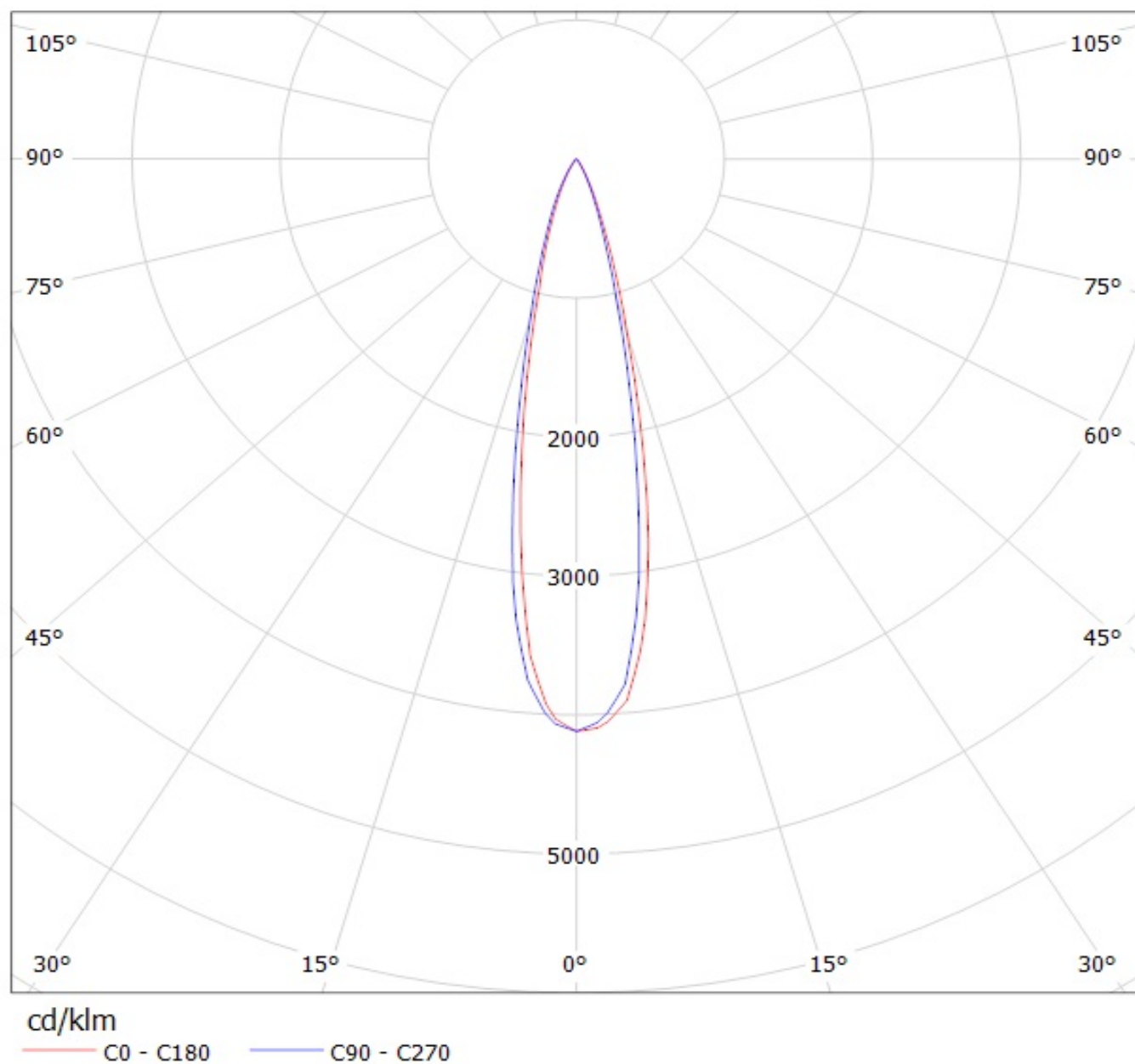
Luminaire: LEDIL OY CA12858_EVA-O / CP12857_EVA-O (Luxeon M) Efficiency=83%
Lamps: 1 x Luxeon M (362lm @ 250mA)



Luminaire: LEDIL OY CA12858_EVA-O / CP12857_EVA-O (Luxeon M) Efficiency=83%
Lamps: 1 x Luxeon M (362lm @ 250mA)

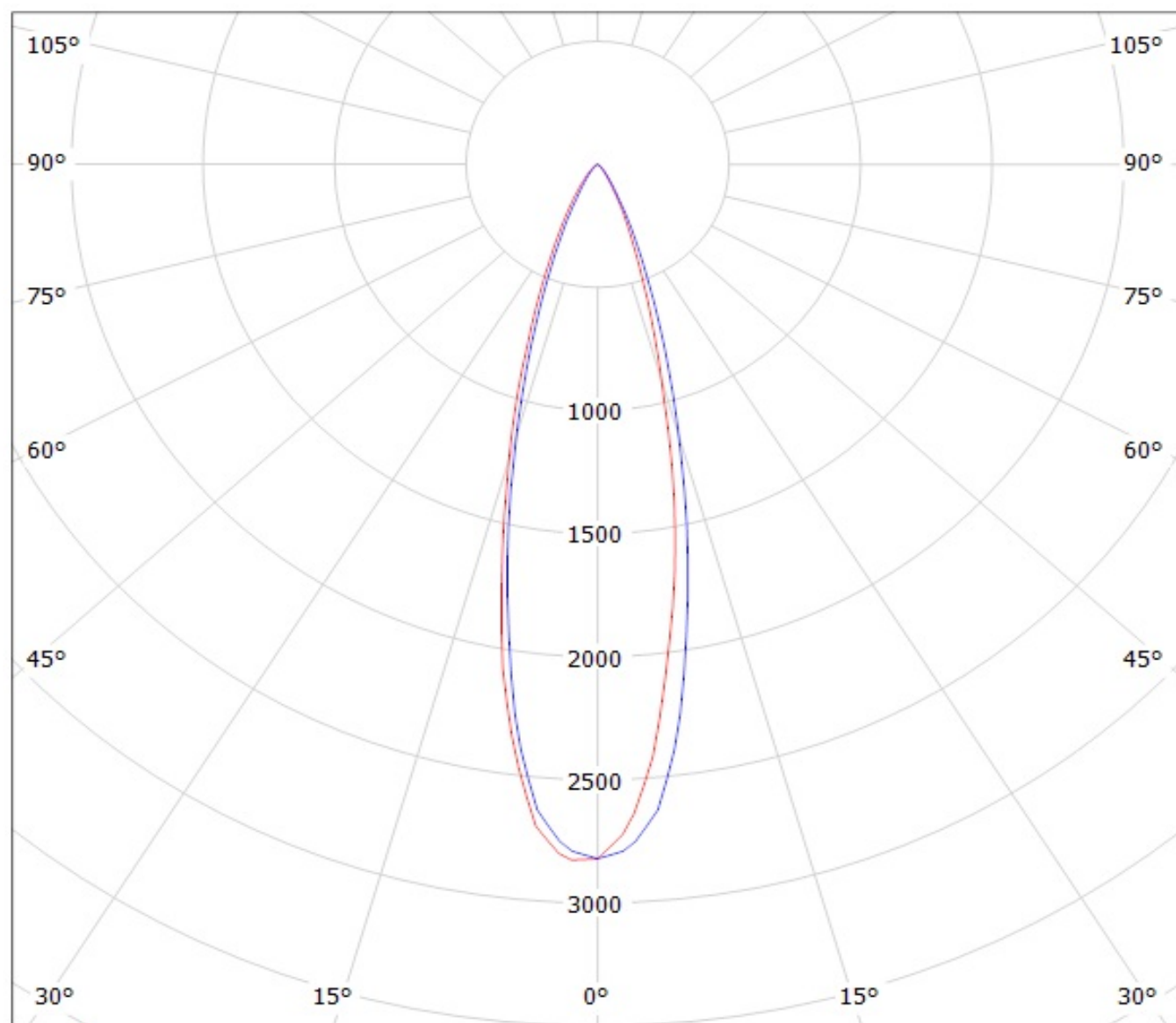


Luminaire: Ledil Oy CA12802_EVA-D & CP12818_EVA-D (Luxeon M) Efficiency=89%
Lamps: 1 x Luxeon M 362lm @ 250mA



Luminaire: Ledil Oy CA12803_EVA-M & CP12819_EVA-M (Luxeon M) Efficiency=87%

Lamps: 1 x Luxeon M 362lm @ 250mA

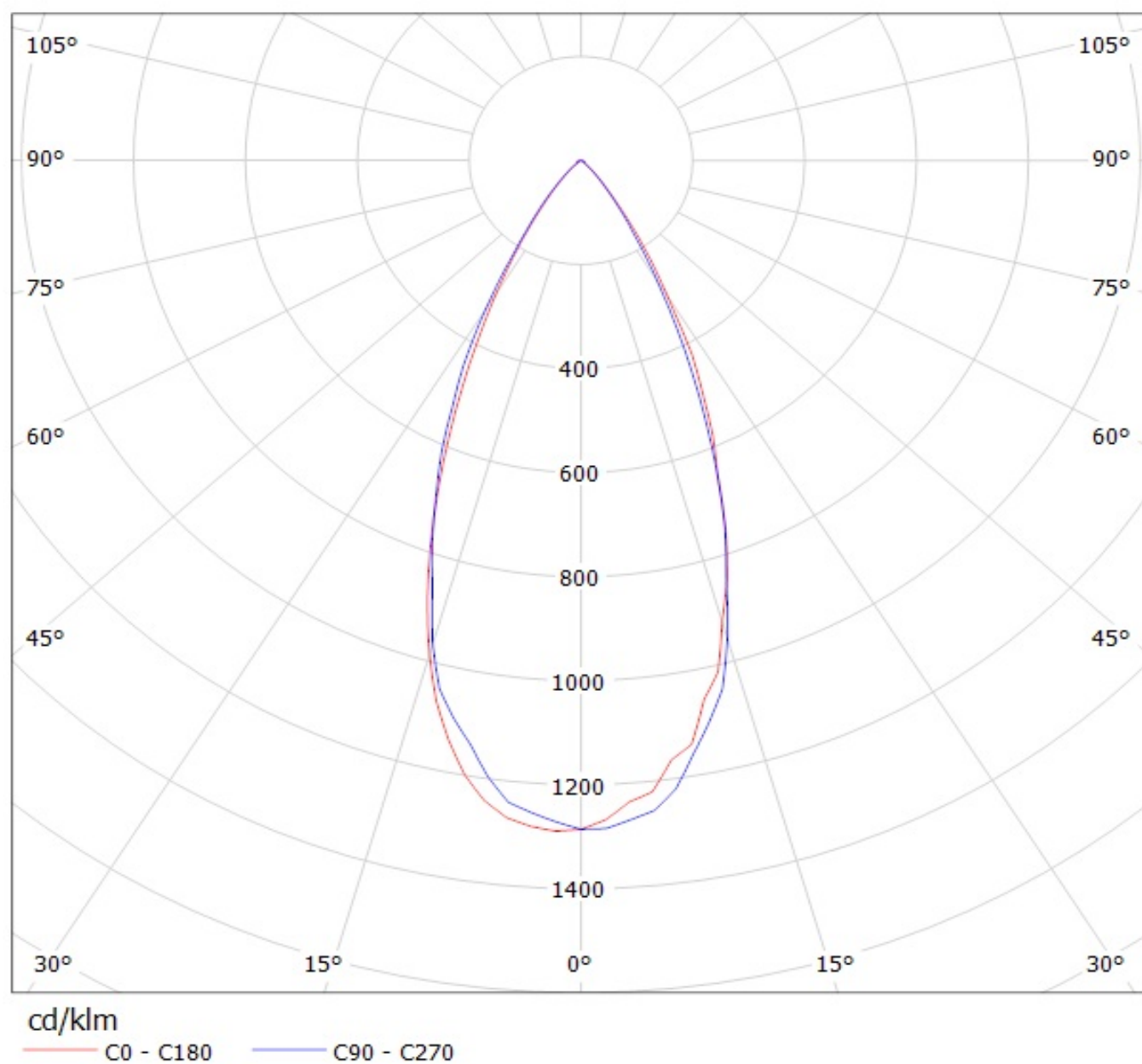


cd/klm

— C0 - C180

— C90 - C270

Luminaire: Ledil CA12804_EVA-W & CP12820_EVA-W (Luxeon M) Efficiency=80%
Lamps: 1 x Luxeon M (362lm @ 250mA)



Luminaire: Ledil Oy CA12805_EVA-WW & CP12821_EVA-WW (Luxeon M) Efficiency=78%
Lamps: 1 x Luxeon M (362lm @ 250mA)

