

**Ordering number CA12803_EVA-M**

Family	Eva	FWHM	26 degrees
Type	Assembly	Efficiency	85 %
LED	MK-R	cd/Im	2.900
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 CA12858_EVA-O**

Family	Eva	FWHM	38+20 degrees
Type	Assembly	Efficiency	84 %
LED	MK-R	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 CA12802
Description 1**

Family	Eva	FWHM	22 degrees
Type	Assembly	Efficiency	87 %
LED	MK-R	cd/Im	4.000
Color	Black	Gerber File	Available
Diameter	37.7 mm		
Height	17.2 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	PC		
Fastening	-		
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 3/1/2013

GENERAL INFORMATION

- Product series especially designed & optimized for MK-R 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 (105 degrees of Celcius / 220 degrees of Fahrenheit). 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

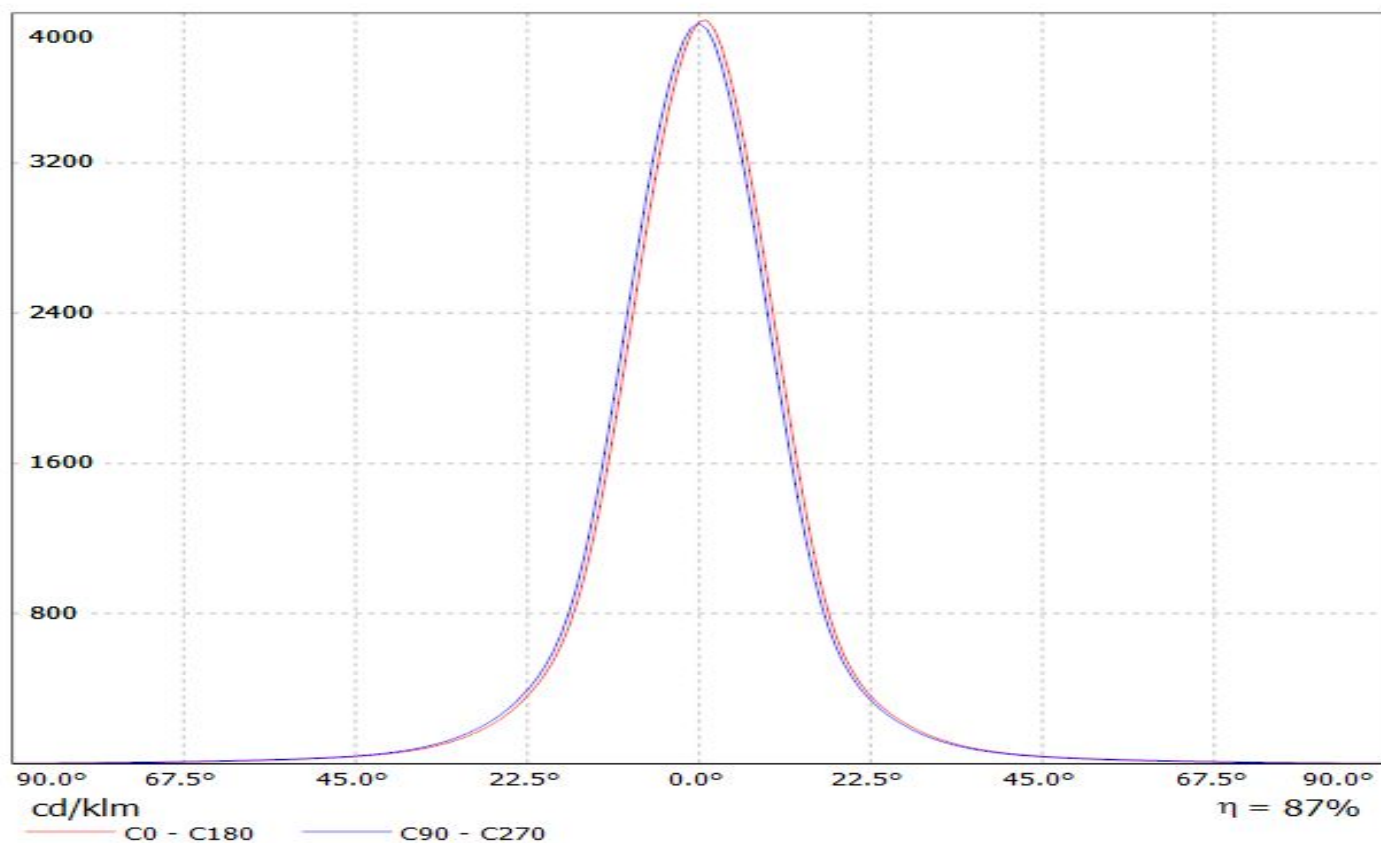
<http://ledil.fi/sites/default/files/Documents/Technical/Material/PMMA%20N%20PLEXIGLAS-Datasheet.pdf>

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

LEDiL Oy CA12802_EVA-D_(MKR) Eff. 86,9% / LDC (Linear)

Luminaire: LEDiL Oy CA12802_EVA-D_(MKR) Eff. 86,9%

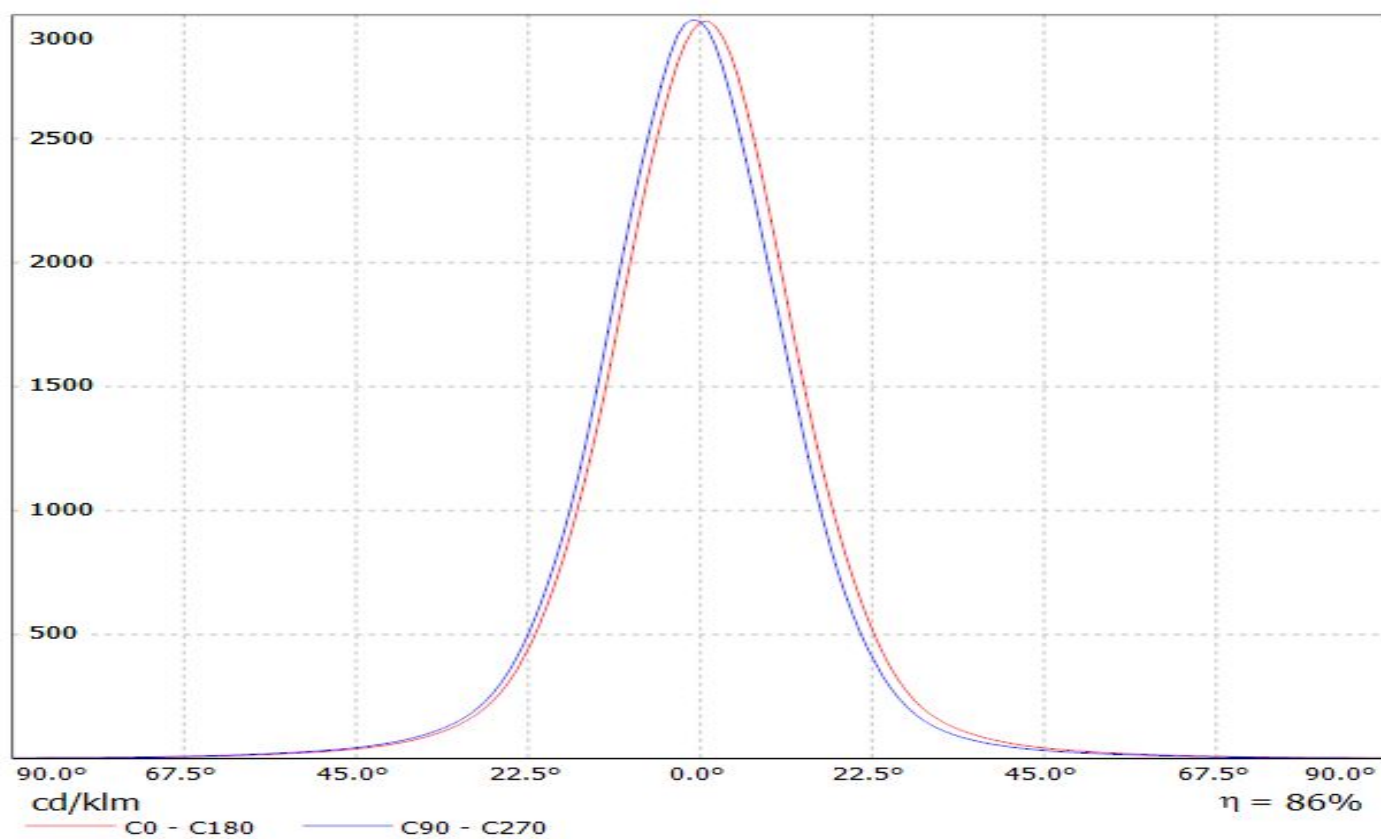
Lamps: 1 x Cree MKR (365lm@250mA)



LEDiL Oy CA12803_EVA-M_(MKR) Eff. 85,8% / LDC (Linear)

Luminaire: LEDiL Oy CA12803_EVA-M_(MKR) Eff. 85,8%

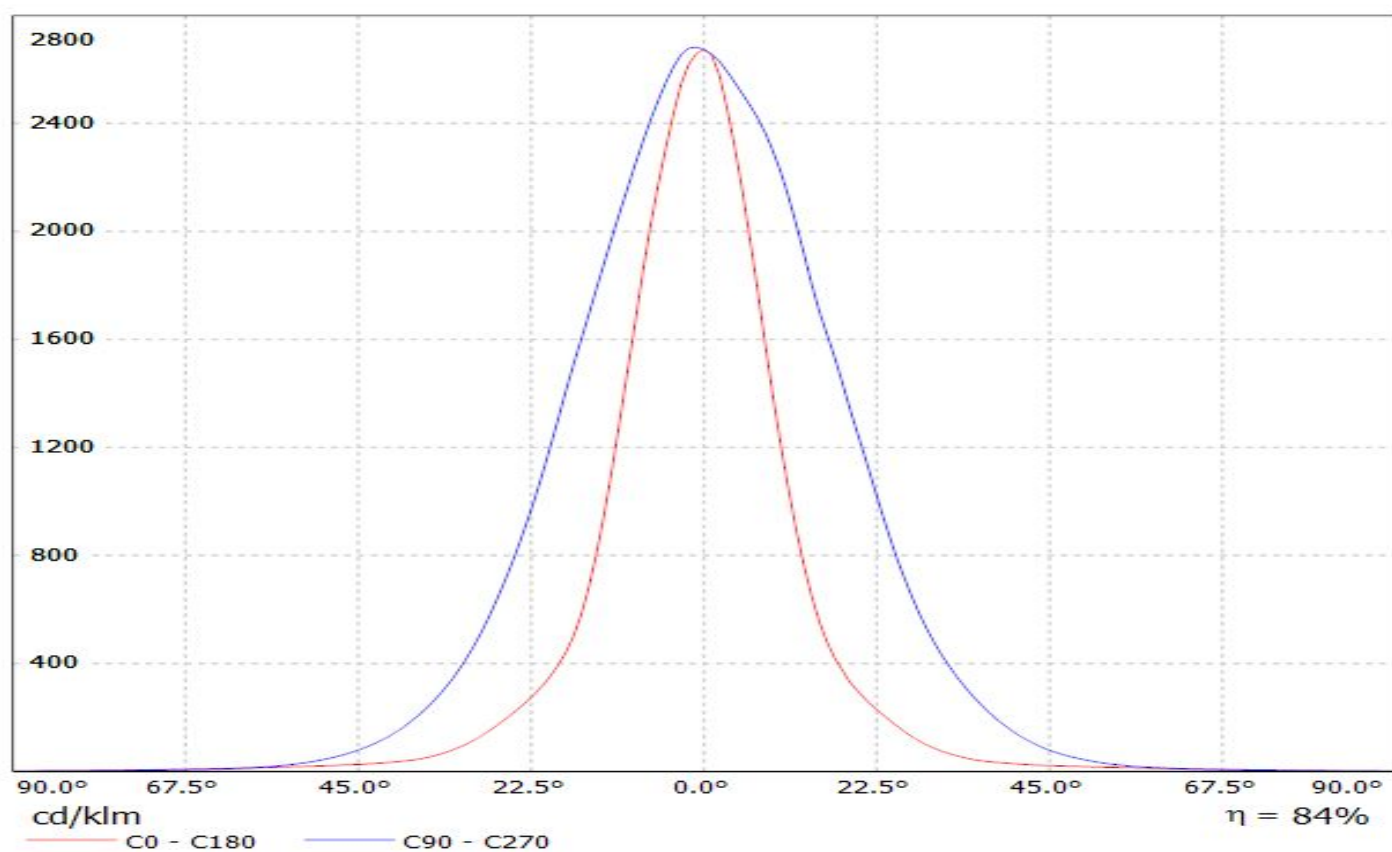
Lamps: 1 x Cree MKR (365lm@250mA)



LEDiL Oy CA12858_EVA-O_(MKR) Eff.83,9% / LDC (Linear)

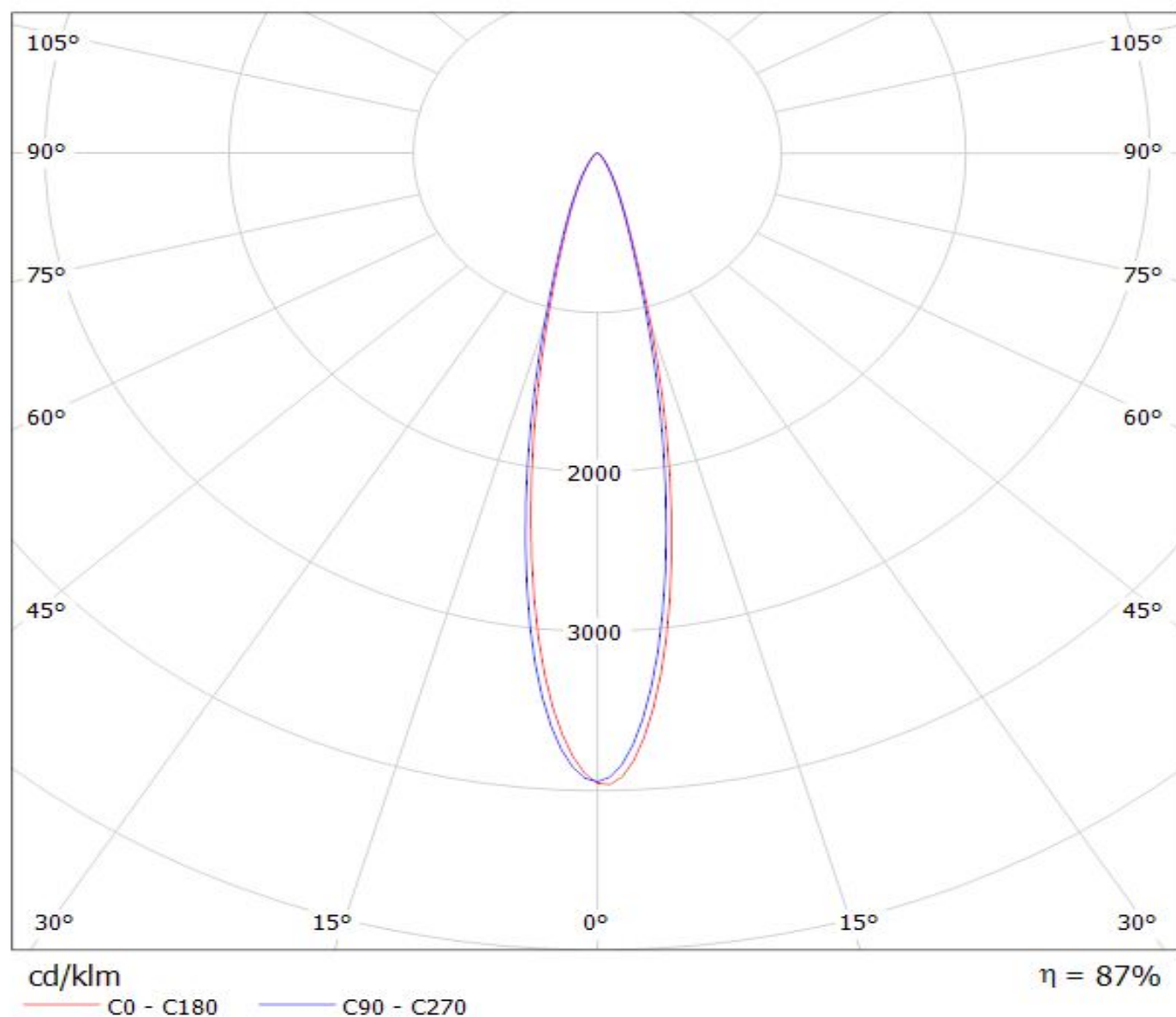
Luminaire: LEDiL Oy CA12858_EVA-O_(MKR) Eff.83,9%

Lamps: 1 x Cree MKR (365lm@250mA)



LEDiL Oy CA12802_EVA-D_(MKR) Eff. 86,9% / LDC (Polar)

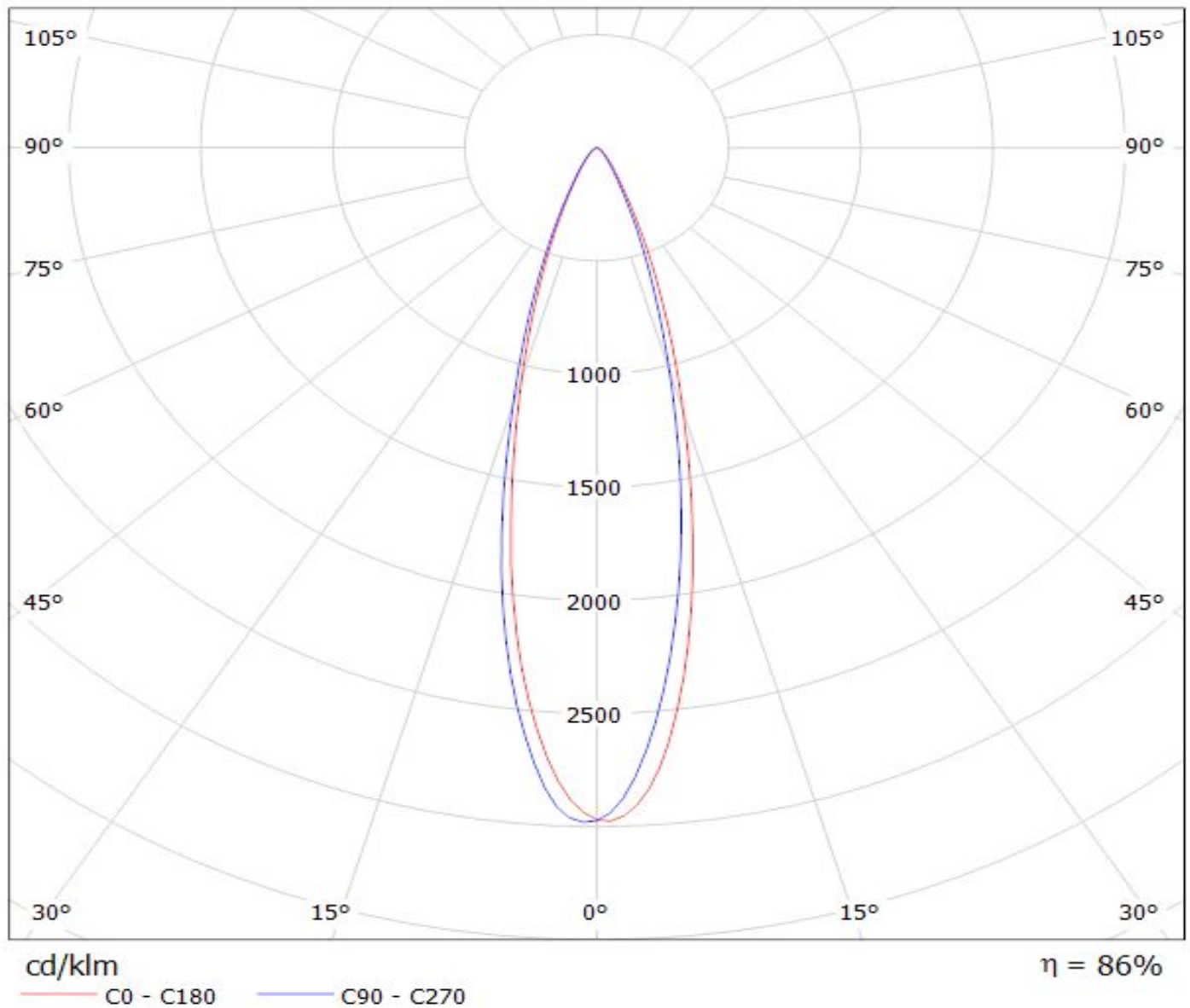
Luminaire: LEDiL Oy CA12802_EVA-D_(MKR) Eff. 86,9%
Lamps: 1 x Cree MKR (365lm@250mA)



LEDiL Oy CA12803_EVA-M_(MKR) Eff. 85,8% / LDC (Polar)

Luminaire: LEDiL Oy CA12803_EVA-M_(MKR) Eff. 85,8%

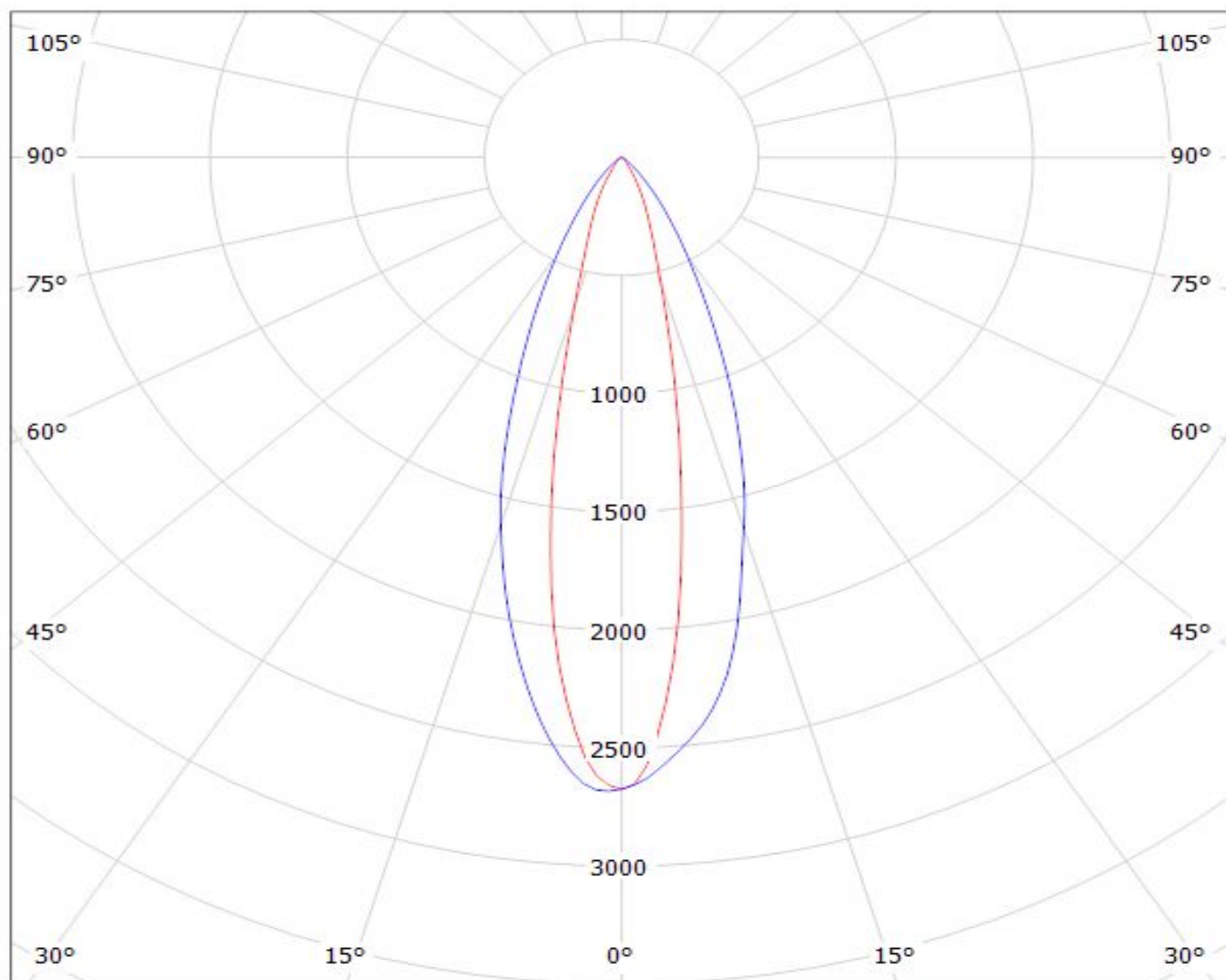
Lamps: 1 x Cree MKR (365lm@250mA)



LEDiL Oy CA12858_EVA-O_(MKR) Eff.83,9% / LDC (Polar)

Luminaire: LEDiL Oy CA12858_EVA-O_(MKR) Eff.83,9%

Lamps: 1 x Cree MKR (365lm@250mA)



cd/klm

η = 84%

C0 - C180

C90 - C270