


**Ordering number CA12803\_EVA-M**

Family	Eva	FWHM	26 degrees
Type	Assembly	Efficiency	85 %
LED	MK-R	cd/lm	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	On production		


**Ordering number CA12858\_EVA-O**

Family	Eva	FWHM	38+20 degrees
Type	Assembly	Efficiency	84 %
LED	MK-R	cd/lm	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	On production		


**Ordering number CA12804\_EVA-W**

Family	Eva	FWHM	48 degrees
Type	Assembly	Efficiency	80 %
LED	MK-R	cd/lm	1.150
Color	Black	Gerber File	Available
Diameter	37.7 mm		
Height	17 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	PC		
Fastening	Screw, tape		
Status	On production		

**Ordering number CA12802**  
**Description 1**

Family	Eva	FWHM	22 degrees
Type	Assembly	Efficiency	87 %
LED	MK-R	cd/lm	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	On production		



**PRODUCT DATASHEET**  
**Eva series**  
last update 24/4/2013

**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 24/4/2013

### 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. Allows use of high current and temperature conditions.

Please find more information about used material from below:

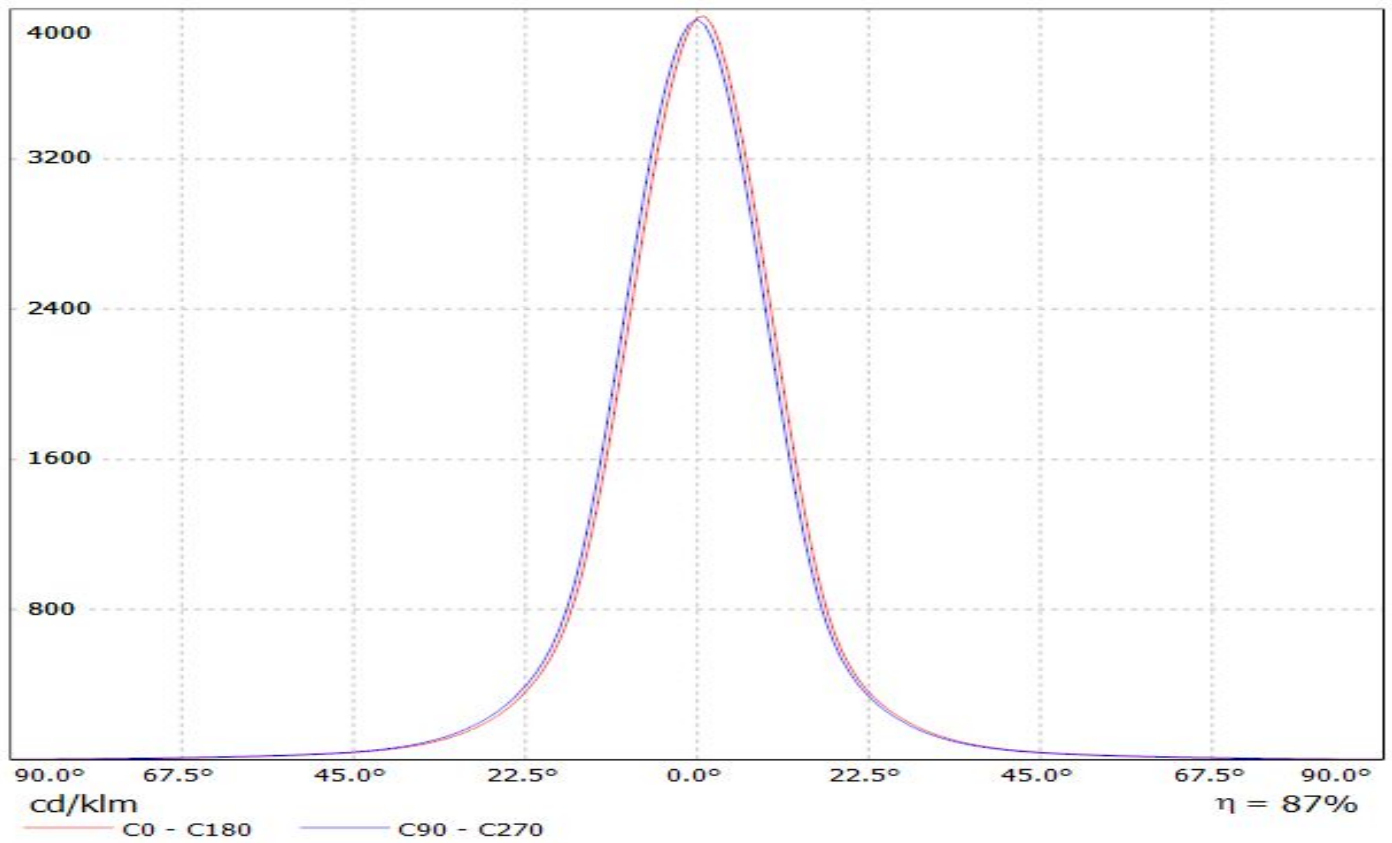
[http://ledil.fi/sites/default/files/Documents/Technical/Material/PMMA%20N%20UL94\\_Yellow%20Card.pdf](http://ledil.fi/sites/default/files/Documents/Technical/Material/PMMA%20N%20UL94_Yellow%20Card.pdf)

<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).

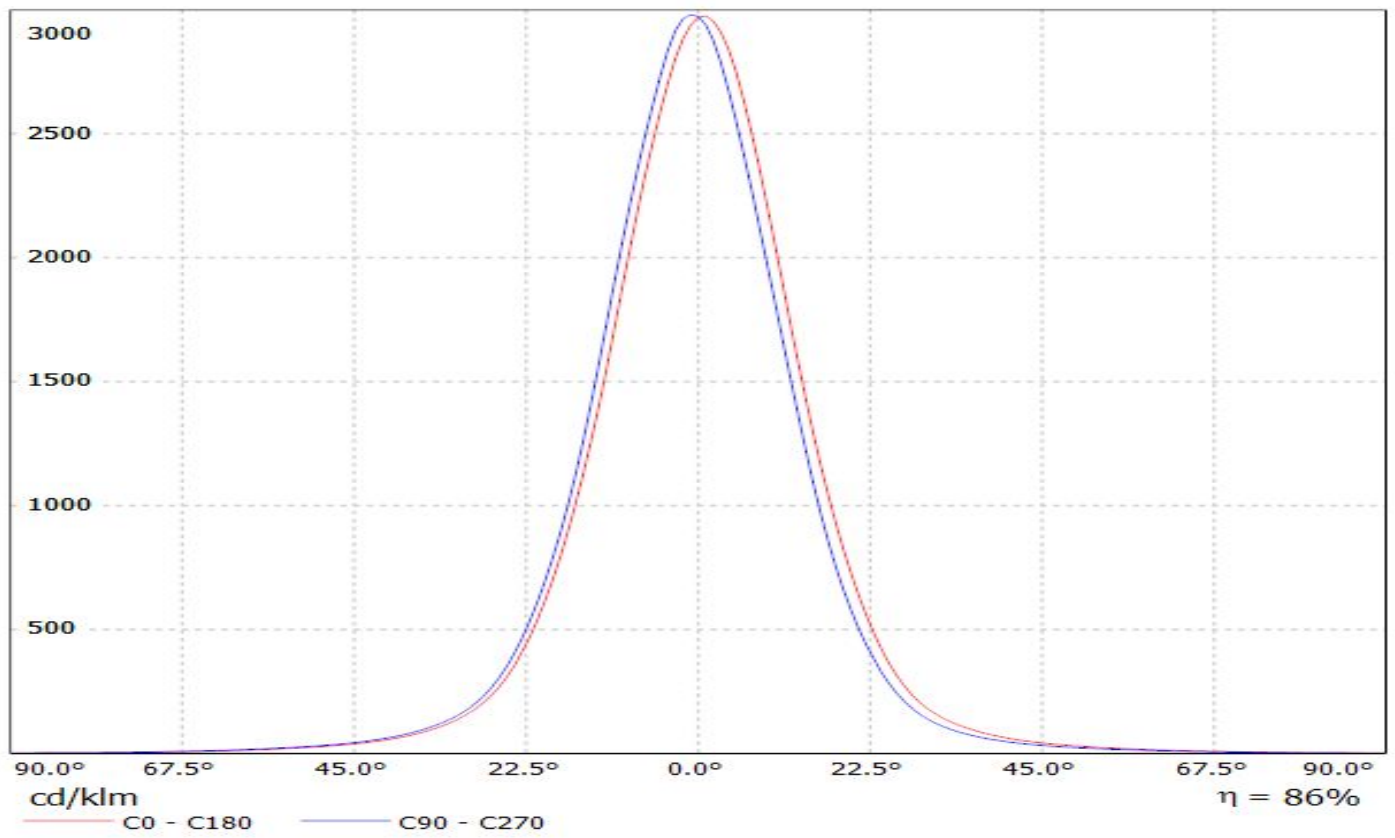
# LEDiL Oy CA12802\_EVA-D\_(MKR) Eff. 86,9% / LDC (Linear)

Luminaire: LEDiL Oy CA12802\_EVA-D\_(MKR) Eff. 86,9%  
Lamps: 1 x Cree MKR (365lm@250mA)



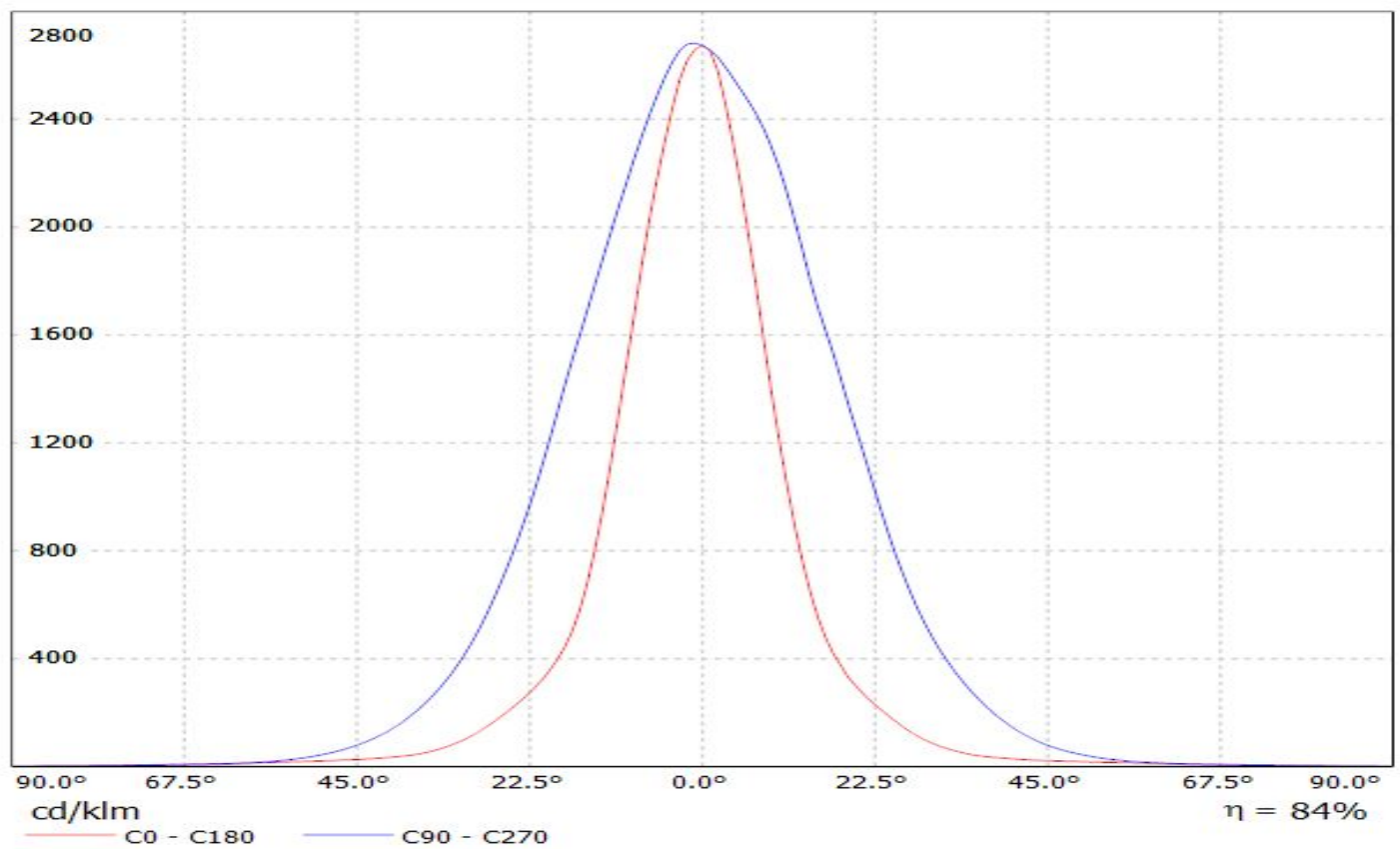
**LEDiL Oy CA12803\_EVA-M\_(MKR) Eff. 85,8% / LDC (Linear)**

Luminaire: LEDiL Oy CA12803\_EVA-M\_(MKR) Eff. 85,8%  
Lamps: 1 x Cree MKR (365lm@250mA)

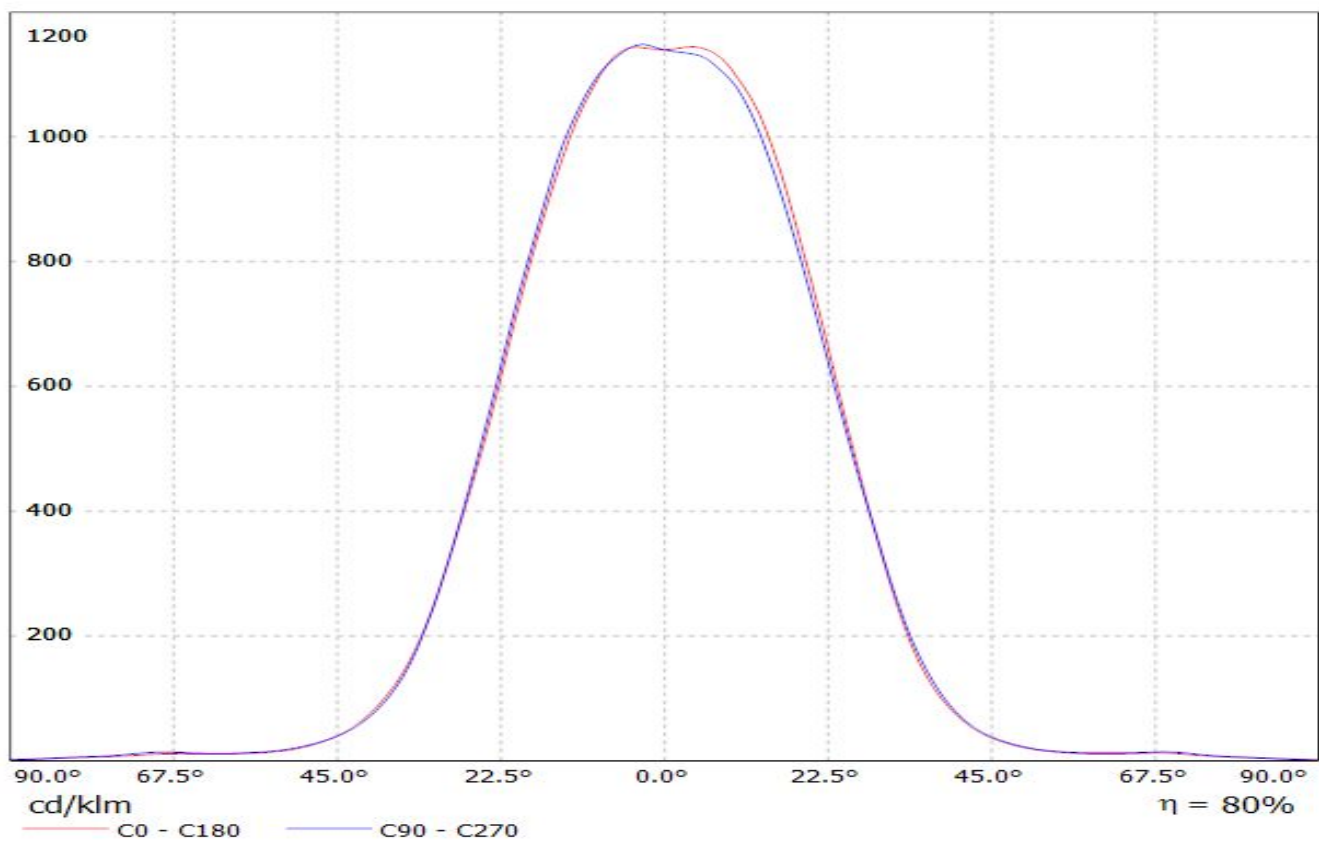


# LEDiL Oy CA12858\_EVA-O\_(MKR) Eff.83,9% / LDC (Linear)

Luminaire: LEDiL Oy CA12858\_EVA-O\_(MKR) Eff.83,9%  
Lamps: 1 x Cree MKR (365lm@250mA)



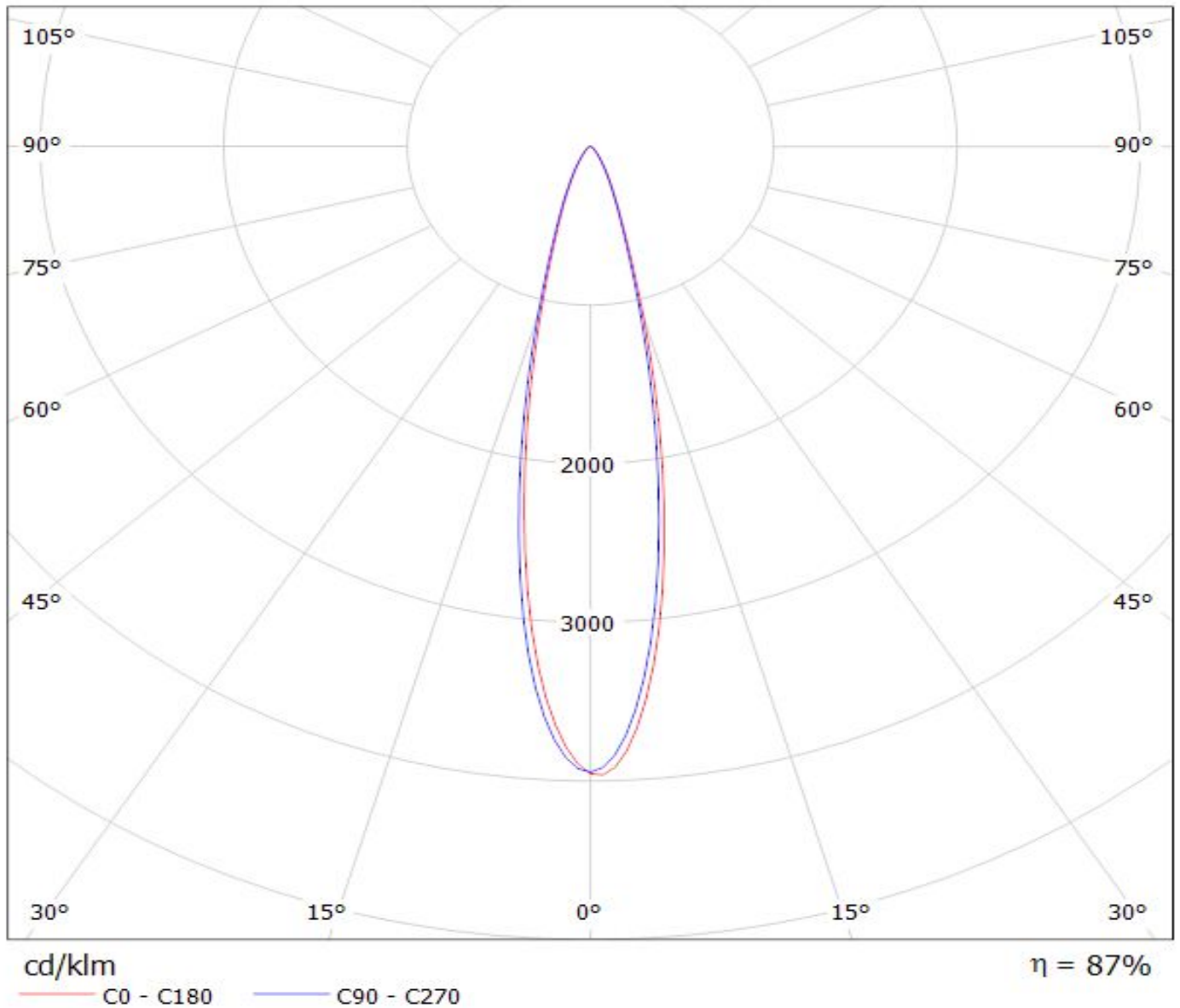
Luminaire: LEDiL Oy CA12804\_EVA-W\_(MK-R) Eff. 79,8%  
Lamps: 1 x Cree MK-R (356lm@250mA)



# LEDiL Oy CA12802\_EVA-D\_(MKR) Eff. 86,9% / LDC (Polar)

Luminaire: LEDiL Oy CA12802\_EVA-D\_(MKR) Eff. 86,9%

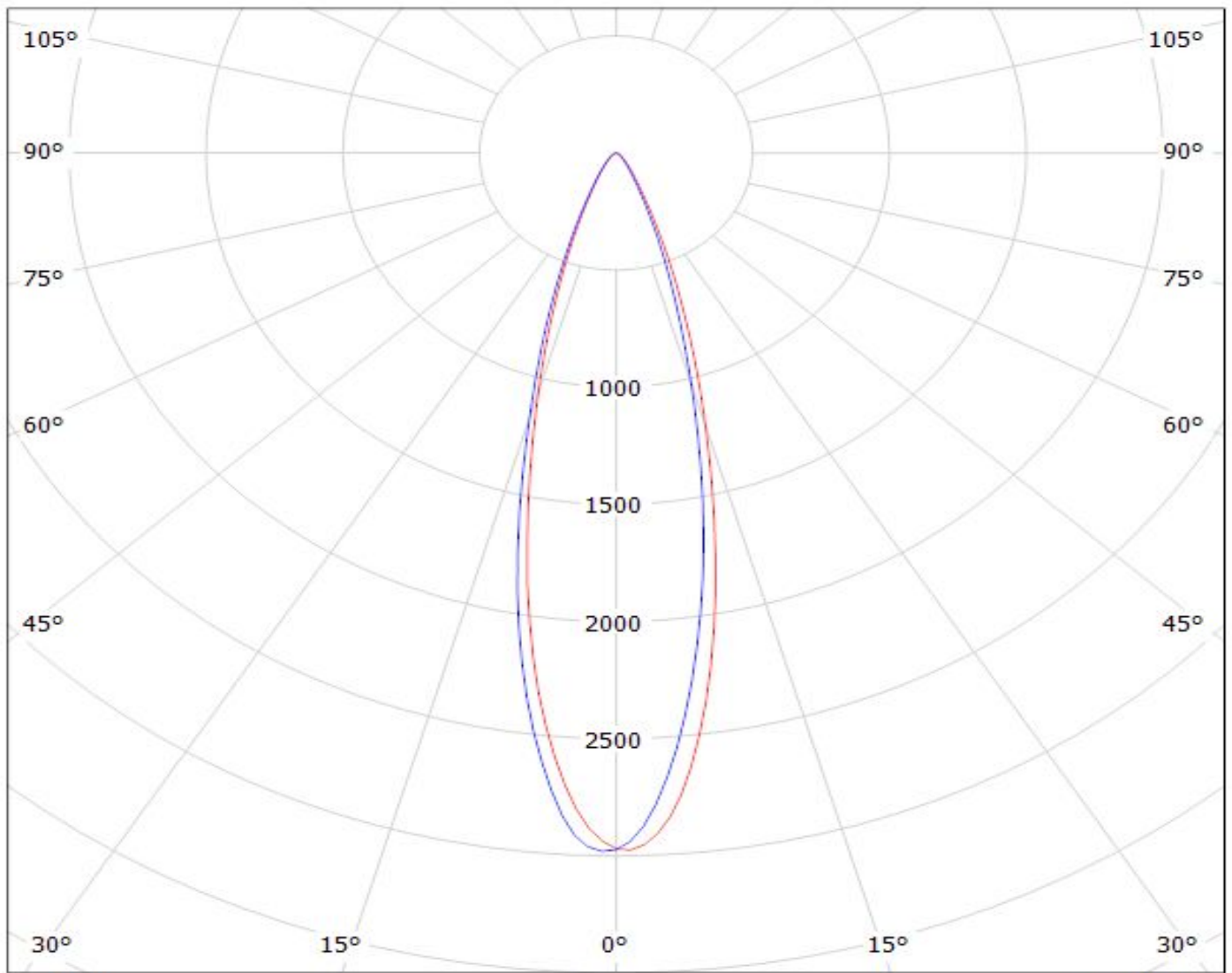
Lamps: 1 x Cree MKR (365lm@250mA)



# 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)



cd/klm

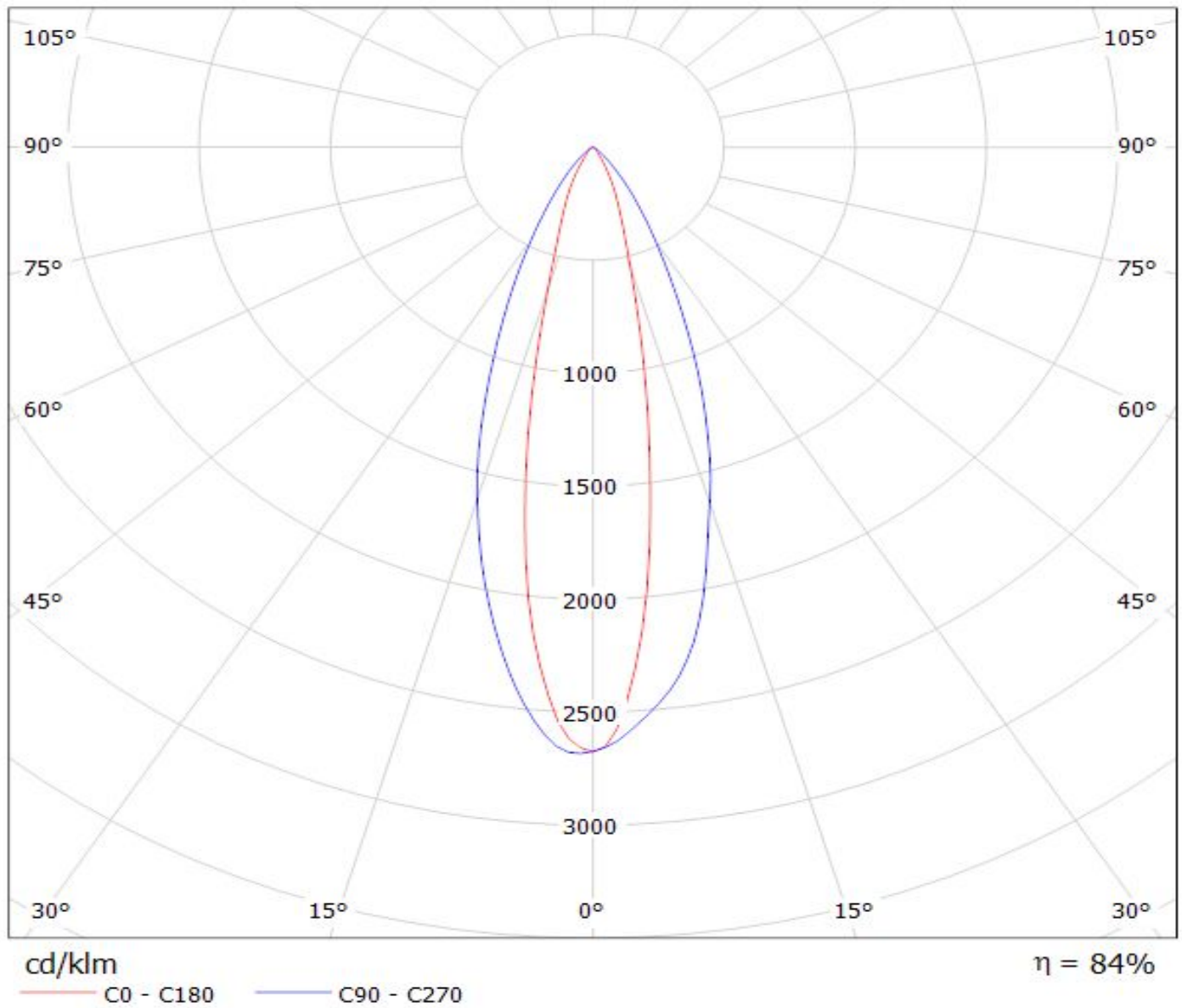
— C0 - C180

— C90 - C270

$\eta = 86\%$

# 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)



Luminaire: LEDiL Oy CA12804\_EVA-W\_(MK-R) Eff. 79,8%  
Lamps: 1 x Cree MK-R (356lm@250mA)

