

**Ordering number CA12062\_EMILY-D**

Family	Emily	FWHM	14 degrees
Type	Assembly	Efficiency	90 %
LED	NS9x383	cd/lm	7.900
Color	Clear	Gerber File	Available
Diameter	26 mm		
Height	14.9 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	Pin, tape		
Status	Ready		

**Ordering number CA12064\_EMILY-M**

Family	Emily	FWHM	18 degrees
Type	Assembly	Efficiency	90 %
LED	NS9x383	cd/lm	6.100
Color	Clear	Gerber File	Available
Diameter	26 mm		
Height	15 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	Pin, tape		
Status	Ready		

**Ordering number CA12070\_EMILY-M2**

Family	Emily	FWHM	26 degrees
Type	Assembly	Efficiency	89 %
LED	NS9x383	cd/lm	3.400
Color	Clear	Gerber File	Available
Diameter	26 mm		
Height	15 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	Pin, tape		
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

### Emily series

last update 27/3/2013



#### GENERAL INFORMATION

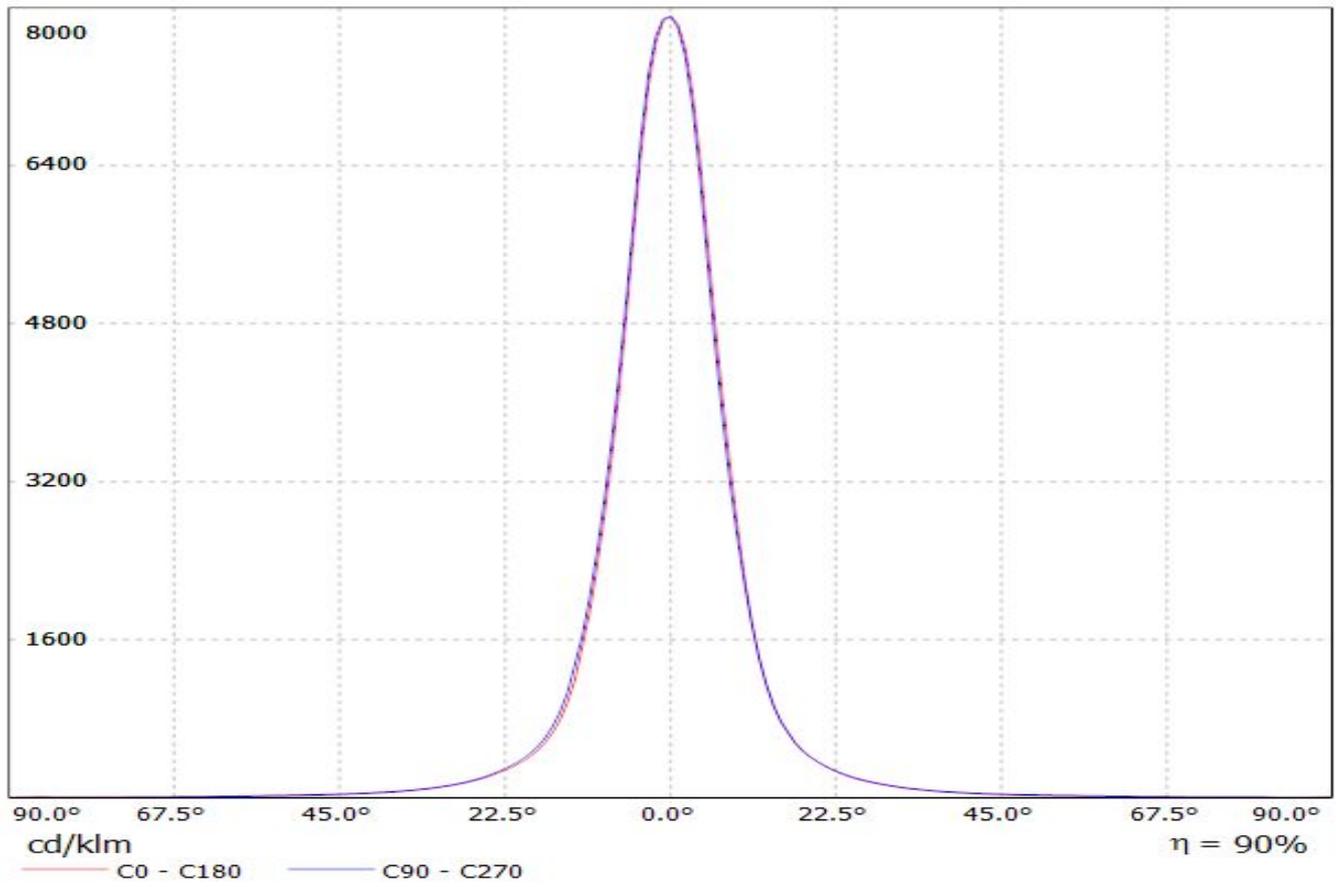
- Product series especially designed & optimized for NS9x383 series of LEDs.
- Special care taken to make light distribution as uniform as possible.
- Lens material optical grade PMMA with high UV and temperature resistance. Allows use of high current and temperature conditions.

Please find more information about used material from below:

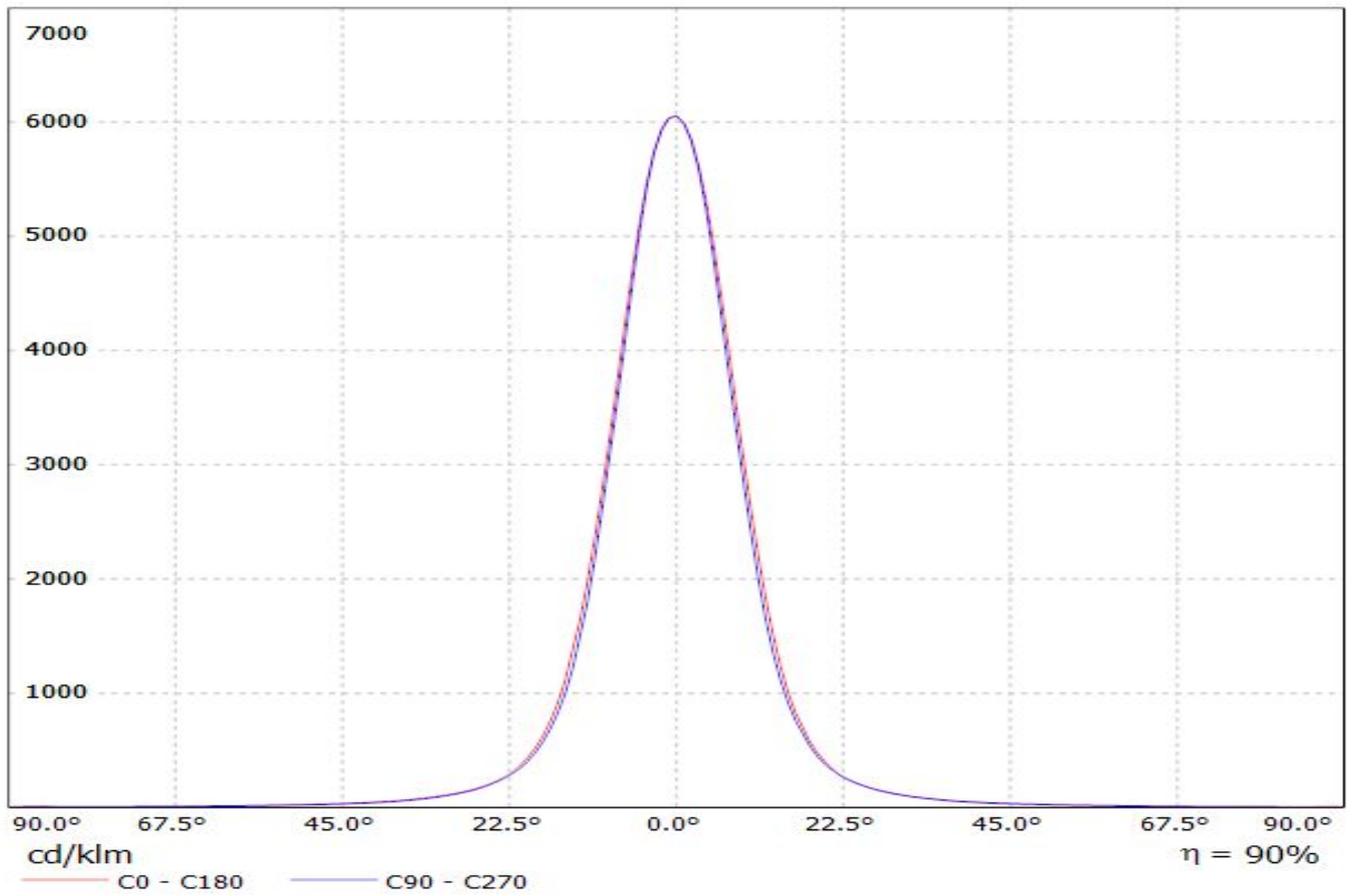
[http://ledil.fi/sites/default/files/Documents/Technical/Material/PMMA%20N%20UL94\\_Yellow%20Card.pdf](http://ledil.fi/sites/default/files/Documents/Technical/Material/PMMA%20N%20UL94_Yellow%20Card.pdf)

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

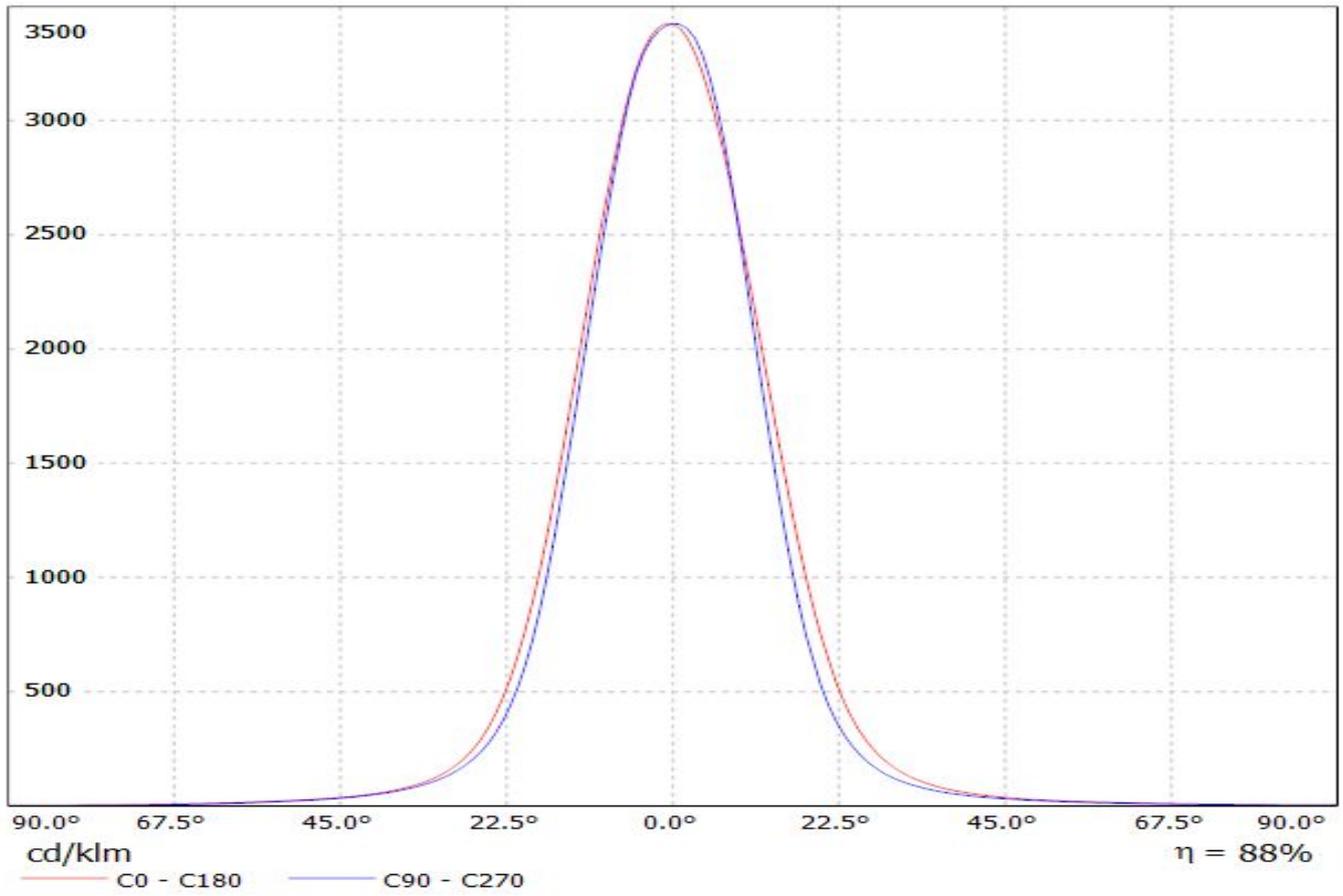
Luminaire: LEDiL Oy CA12062\_EMILY-D\_(NS9x383) Eff. 90,1%  
Lamps: 1 x Nichia NS9x383 (105lm@250mA)



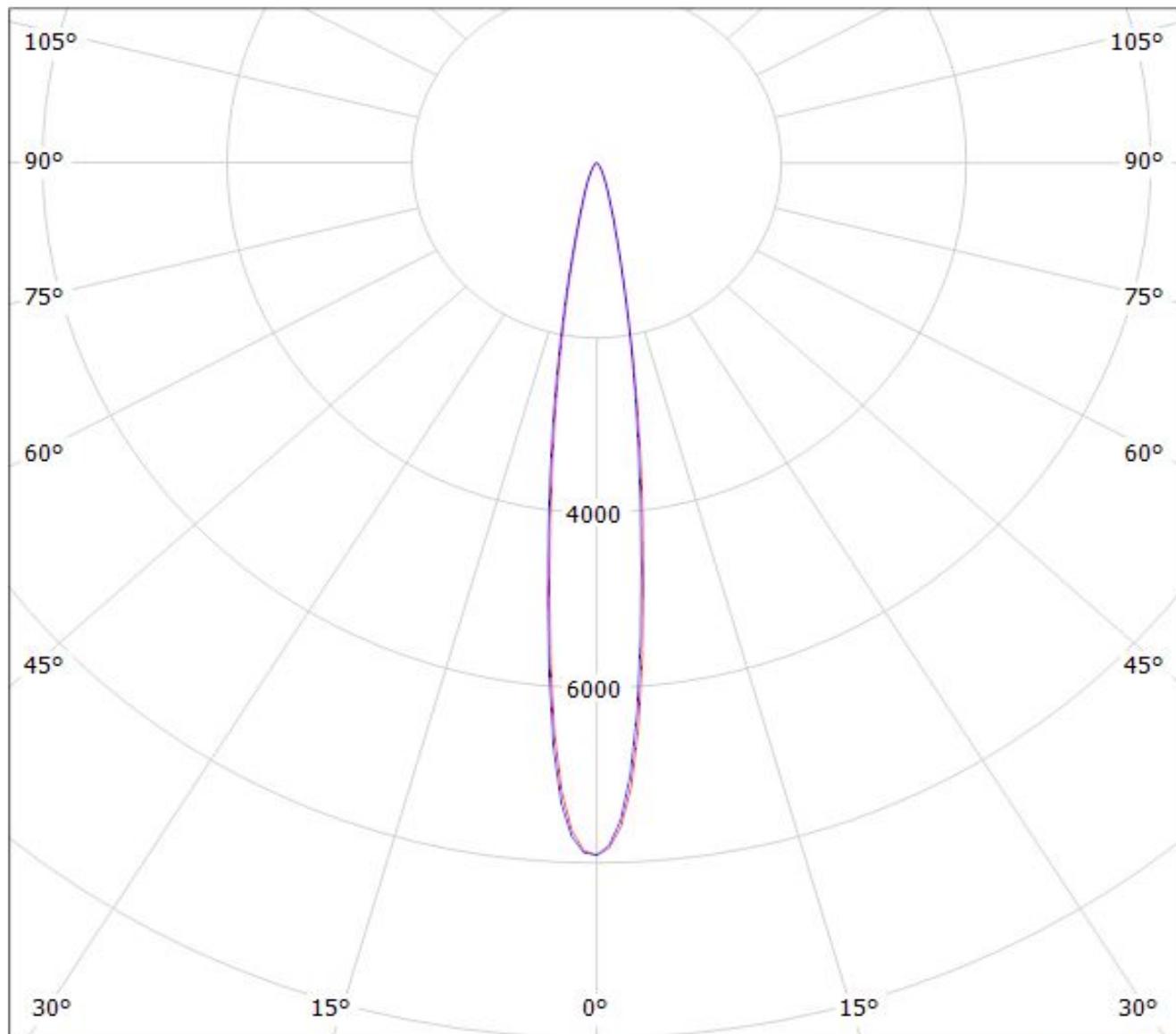
Luminaire: LEDiL Oy CA12064\_EMILY-M\_(NS9x383) Eff. 90,2%  
Lamps: 1 x Nichia NS9x383 (105lm@250mA)



Luminaire: LEDiL Oy CA12070\_EMILY-M2\_(NS9x383) Eff.88,5%  
Lamps: 1 x Nichia NS9x383 (105lm@250mA)



Luminaire: LEDiL Oy CA12062\_EMILY-D\_(NS9x383) Eff. 90,1%  
Lamps: 1 x Nichia NS9x383 (105lm@250mA)



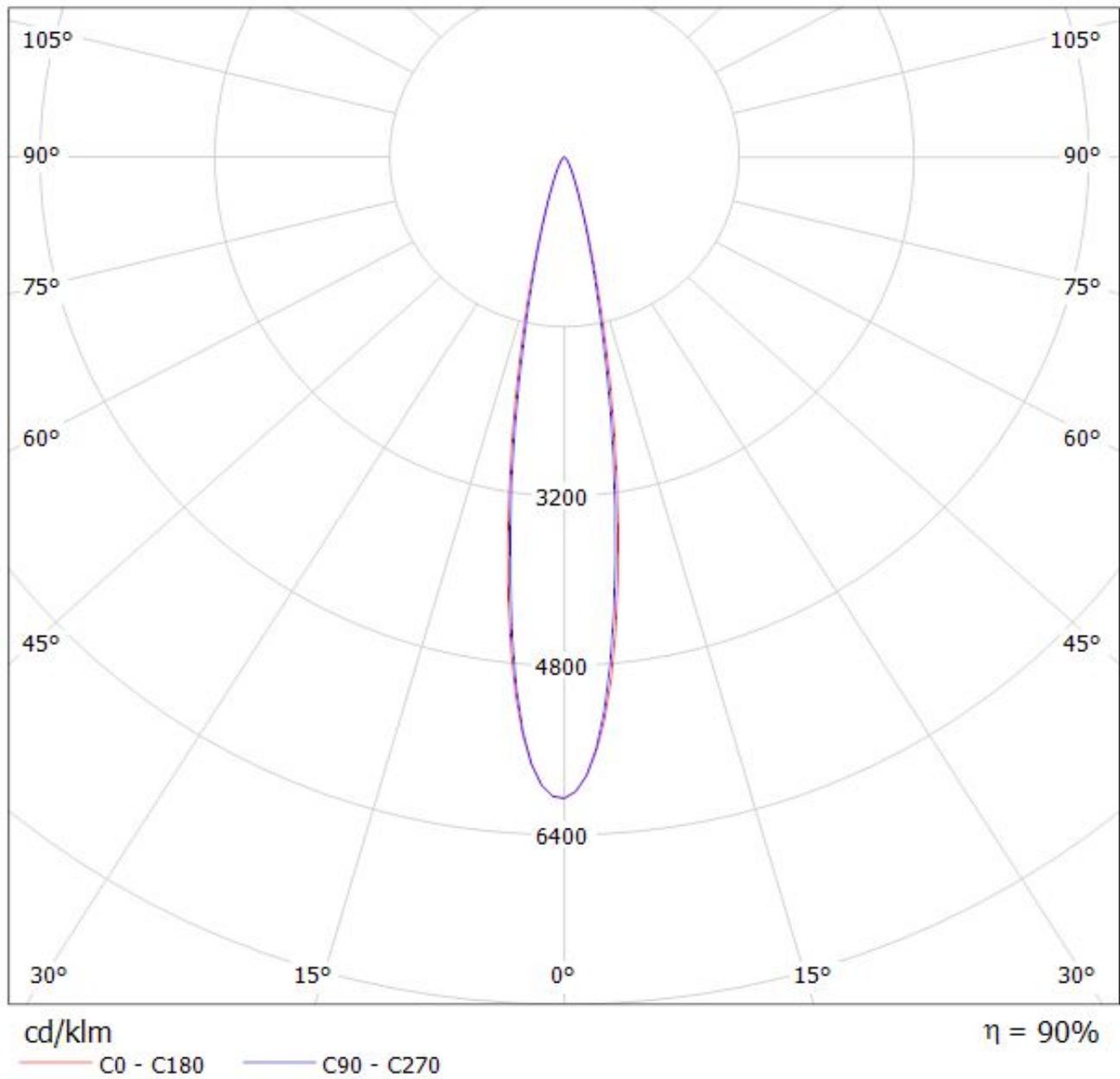
cd/klm

— C0 - C180

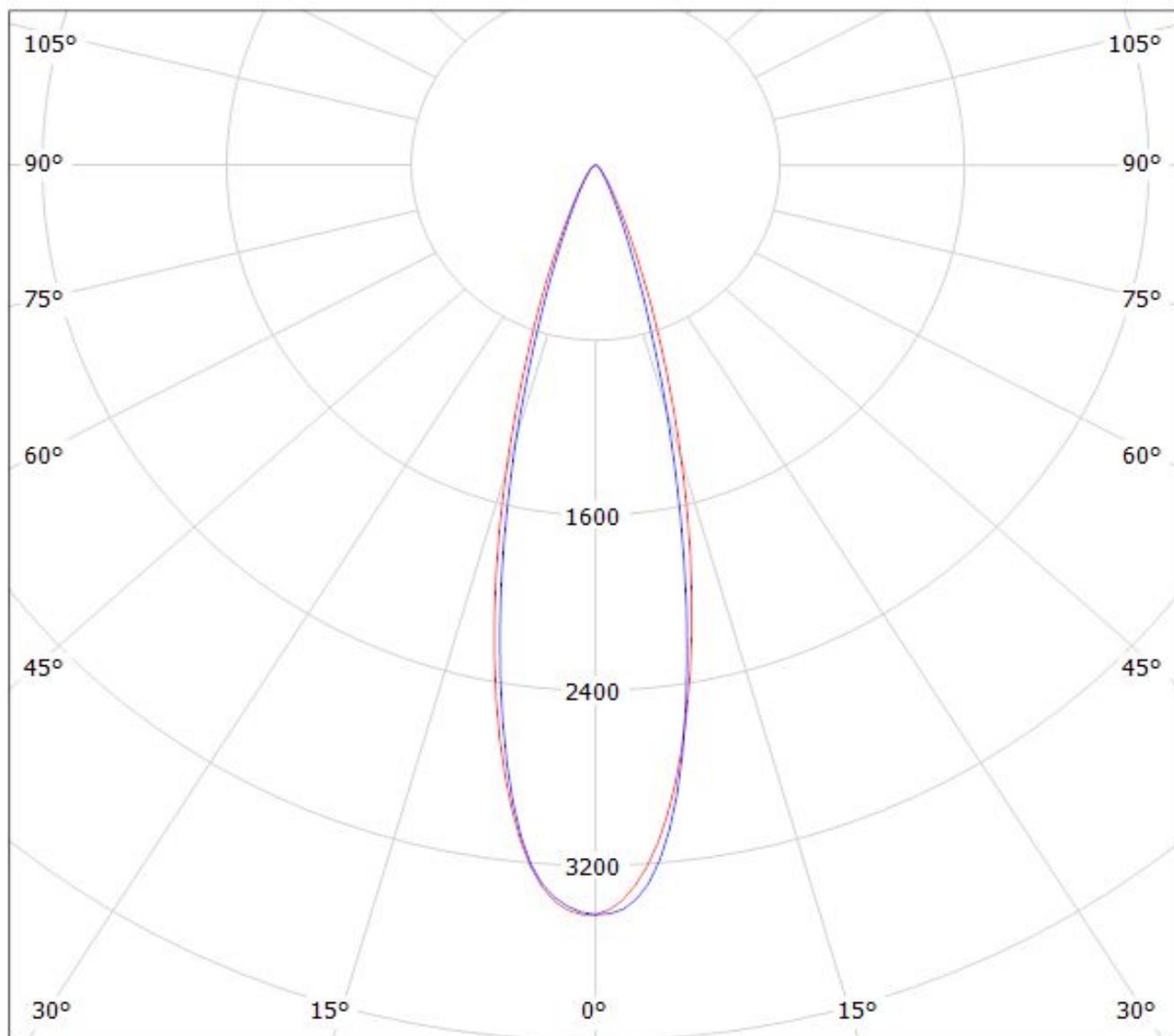
— C90 - C270

$\eta = 90\%$

Luminaire: LEDiL Oy CA12064\_EMILY-M\_(NS9x383) Eff. 90,2%  
Lamps: 1 x Nichia NS9x383 (105lm@250mA)



Luminaire: LEDiL Oy CA12070\_EMILY-M2\_(NS9x383) Eff.88,5%  
Lamps: 1 x Nichia NS9x383 (105lm@250mA)



cd/klm

— C0 - C180    — C90 - C270

$\eta = 88\%$