**Product number C13397\_CLAMP-S3000**

Family	ANGELA	FWHM	N/A degrees
Type	Base part	Efficiency	-
LED	LUXEON S3000	cd/Im	-
Color	White	Gerber File	Available
Diameter	50 mm		
Height	10 mm		
Style	Round		
Optic Material	-		
Holder Material	PC		
Fastening	["screw"]		
Status	Production ready		

**Product number FCN14466\_ANGELA-RZ-S**

Family	ANGELA	FWHM	10 degrees
Type	RefPack	Efficiency	87 %
LED	LUXEON S3000	cd/Im	13.800
Color	Metal	Gerber File	Available
Diameter	119.5 mm		
Height	80.2 mm		
Style	Round		
Optic Material	PC		
Holder Material	-		
Fastening	""		
Status	Production ready		

**Product number FCN13569\_ANGELA-M**

Family	ANGELA	FWHM	16 degrees
Type	RefPack	Efficiency	85 %
LED	LUXEON S3000	cd/Im	4.200
Color	Metal	Gerber File	Available
Diameter	119.5 mm		
Height	80.2 mm		
Style	Round		
Optic Material	-		
Holder Material	-		
Fastening	["screw"]		
Status	Production ready		

For Philips Lumileds Luxeon S3000 LEDiL clamp C13397 included

**Product number FCN13572\_ANGELA-W**

Family	ANGELA	FWHM	34 degrees
Type	RefPack	Efficiency	84 %
LED	LUXEON S3000	cd/Im	1.800
Color	Metal	Gerber File	Available
Diameter	119.5 mm		
Height	80.2 mm		
Style	Round		
Optic Material	-		
Holder Material	-		
Fastening	["screw"]		
Status	Production ready		

For Philips Lumileds Luxeon S5000 LEDiL clamp C13397 included



## PRODUCT DATASHEET ANGELA series

last update 3/11/2016

**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 ANGELA series

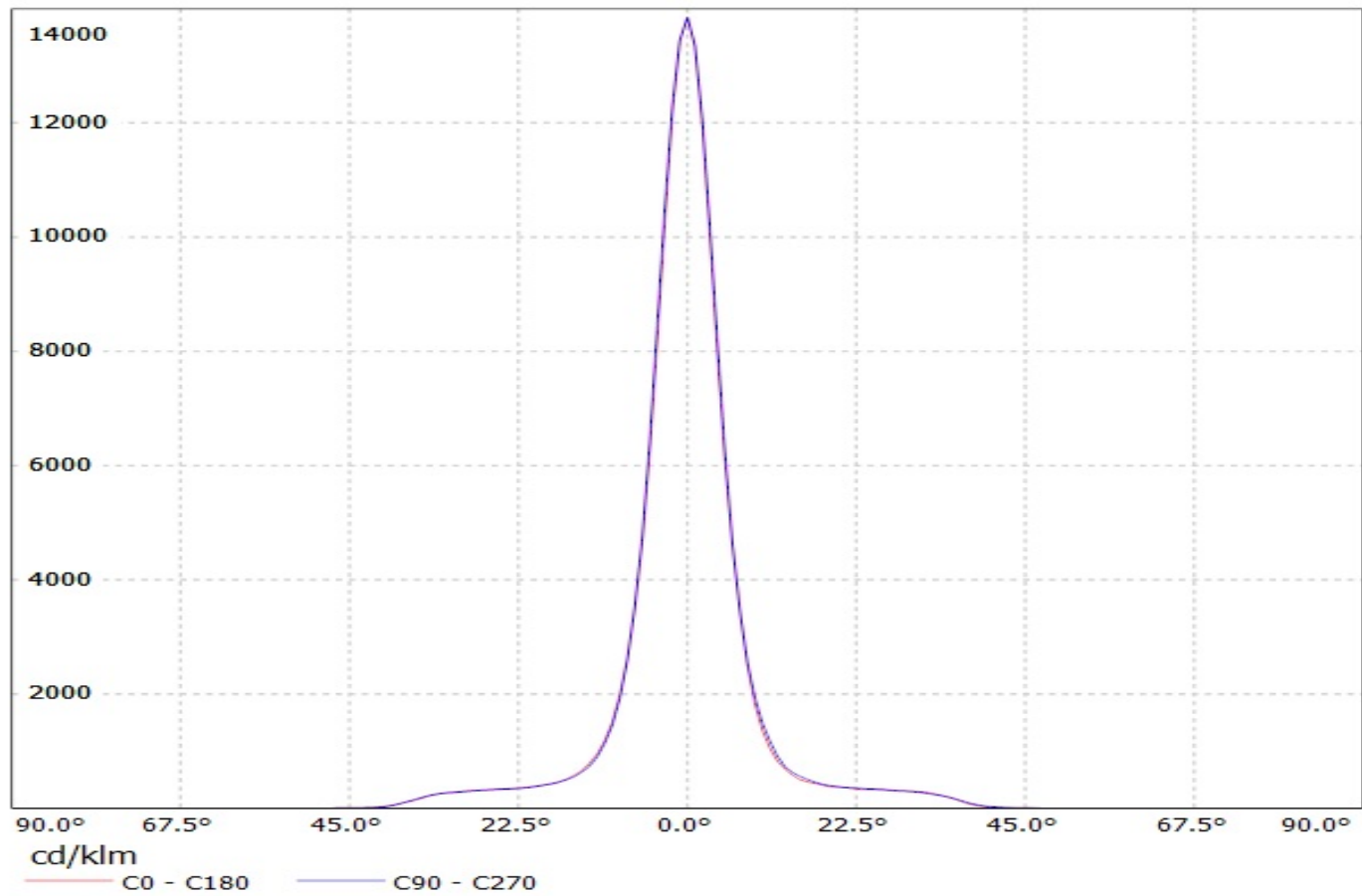
last update 3/11/2016

### GENERAL INFORMATION

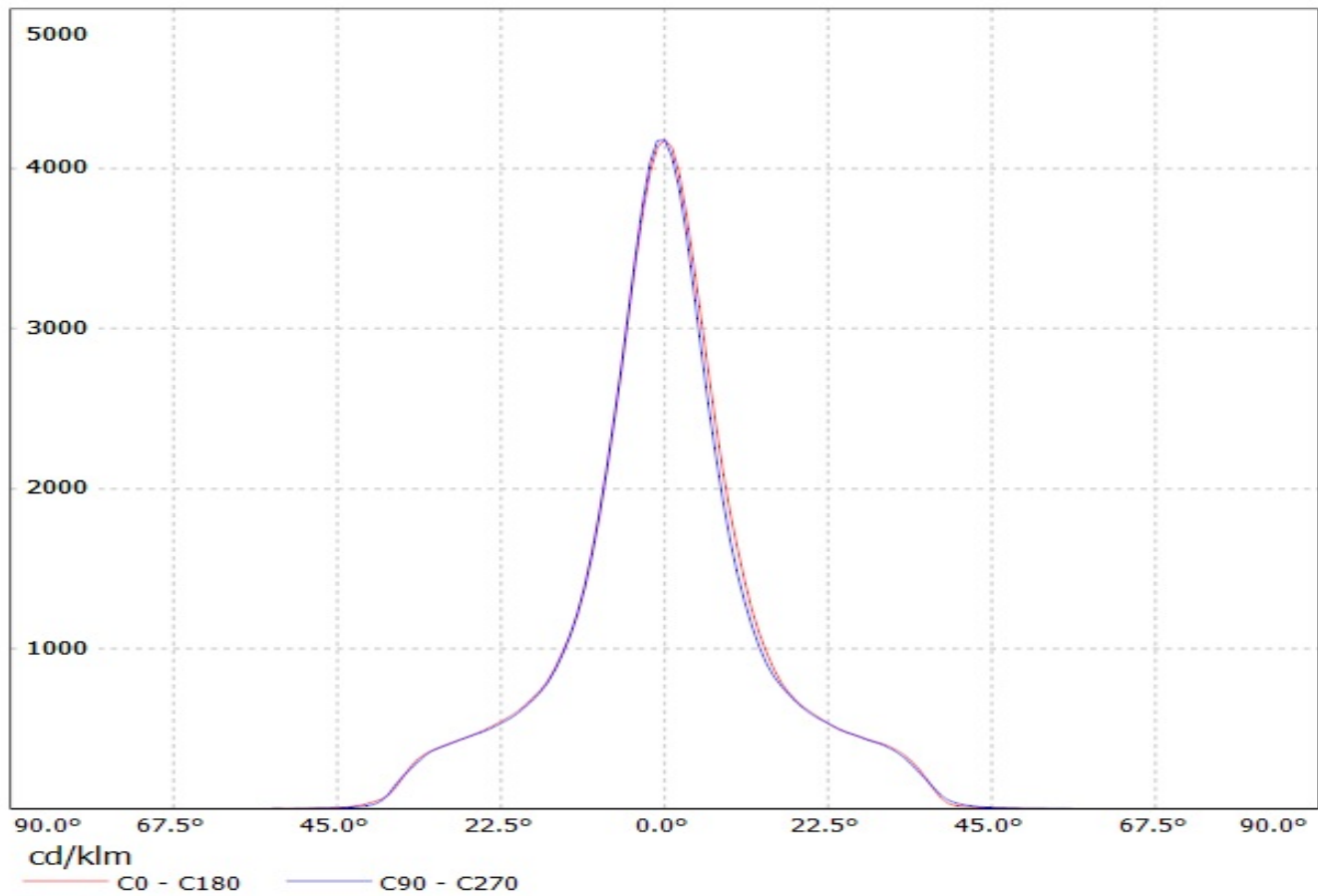
- Product series especially designed & optimized for LUXEON S3000 series of LEDs.
- Special care taken to make light distribution as uniform as possible.
- Reflector is made of aluminium coated PC (120 degrees of Celcius / 248 degrees of Fahrenheit) with protective lacquer (short term 100 degrees of Celcius / 212 degrees of Fahrenheit).
- Optic holder molded by high quality PC material (120 dergees of Celcius / 248 degrees of Fahrenheit).



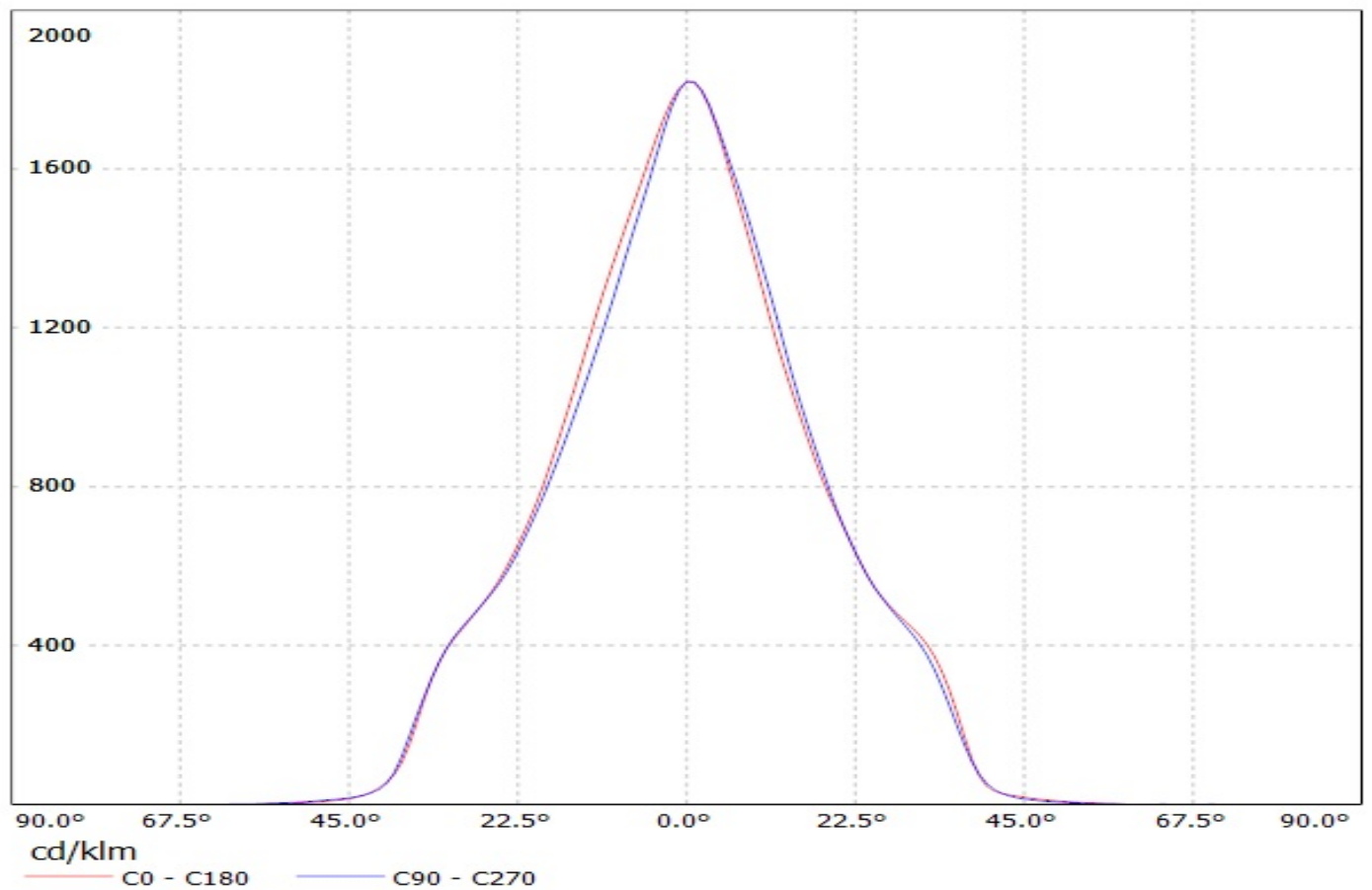
Luminaire: LEDil Oy FN14466\_ANGELA-S\_(Luxeon\_S3000) Efficiency=87%  
Lamps: 1 x Philips Lumileds Luxeon S3000 (LXS8-PW30-0024) 588lm @ 100mA P=6.5W I=100mA



Luminaire: LEDil Oy FCN13569\_ANGELA-M\_(Luxeon\_S3000) Efficiency=85%  
Lamps: 1 x FCN13569\_ANGELA-M\_(Luxeon\_S3000) (LXS8-PW30-0017) 593lm @ 100mA P=6.5W I=100mA

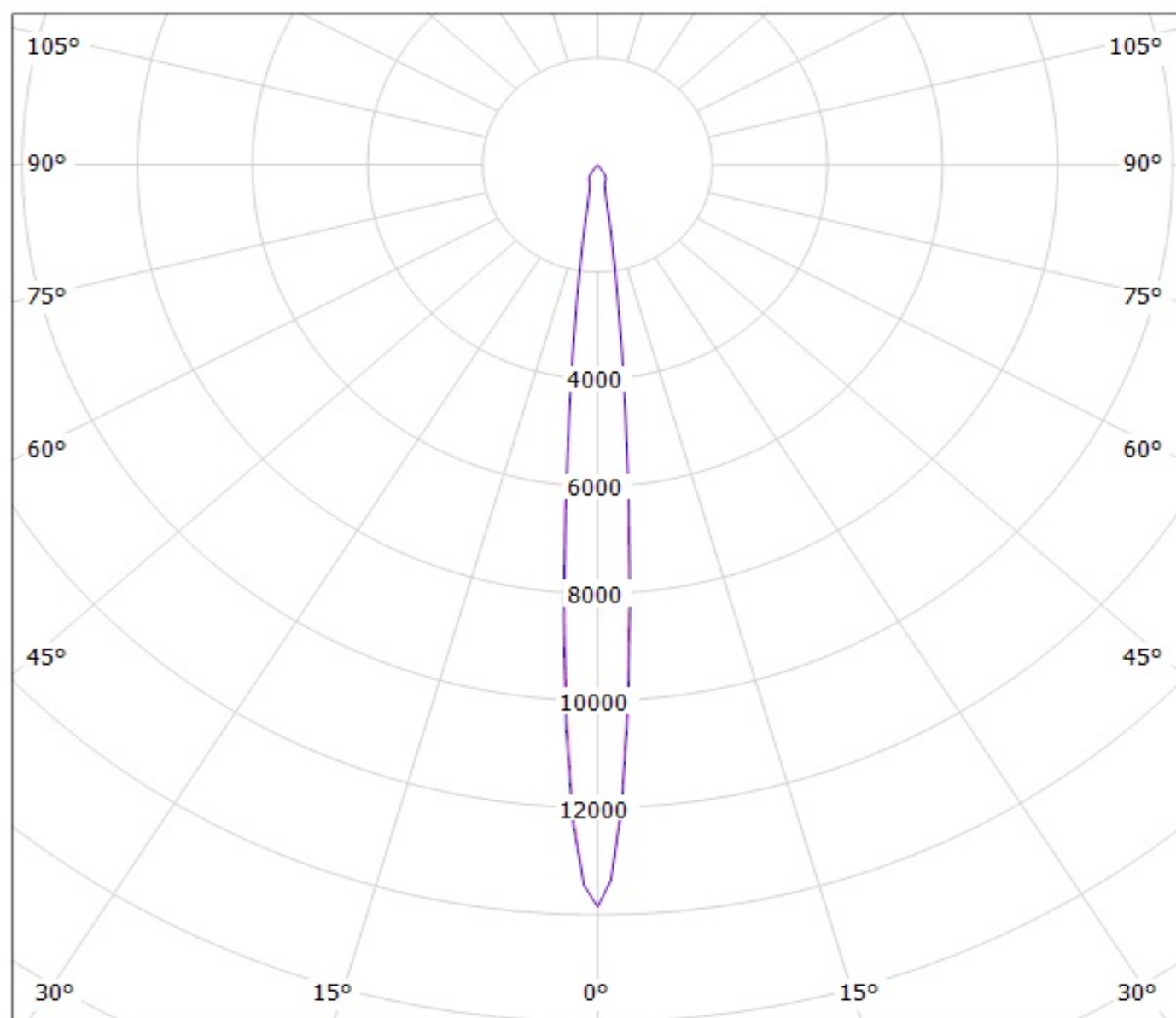


Luminaire: LEDil Oy FCN13572\_ANGELA-W (Luxeon\_S3000) Efficiency=84%  
Lamps: 1 x Philips Lumileds Luxeon S3000 (LXS8-PW30-0024) 593lm @ 100mA P=6.5W I=100mA



Luminaire: LEDil Oy FN14466\_ANGELA-S\_(Luxeon\_S3000) Efficiency=87%

Lamps: 1 x Philips Lumileds Luxeon S3000 (LXS8-PW30-0024) 588lm @ 100mA P=6.5W I=100mA



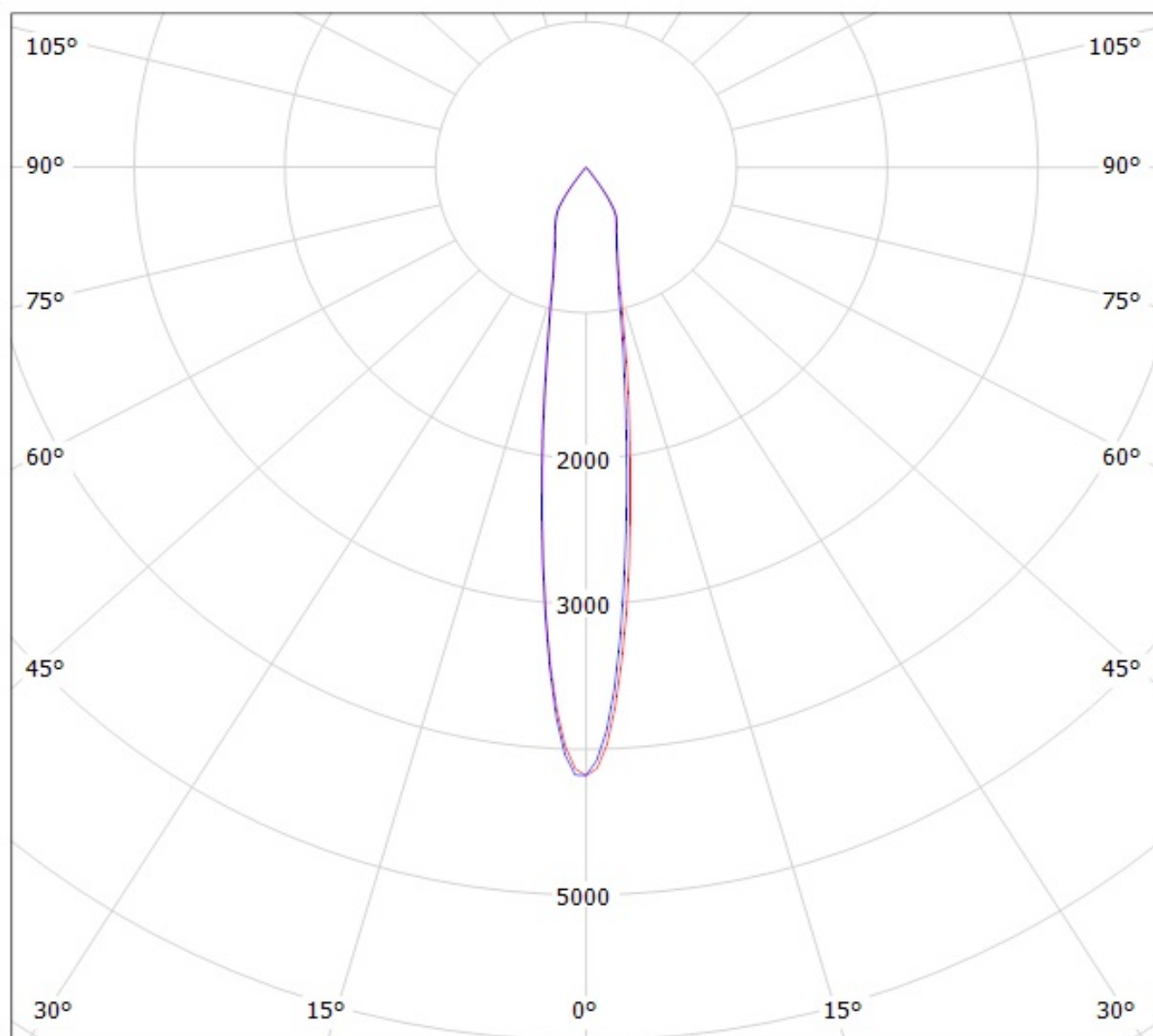
cd/klm

— C0 - C180

— C90 - C270



Luminaire: LEDil Oy FCN13569\_ANGELA-M\_(Luxeon\_S3000) Efficiency=85%  
Lamps: 1 x FCN13569\_ANGELA-M\_(Luxeon\_S3000) (LXS8-PW30-0017) 593lm @ 100mA P=6.5W I=100mA



cd/klm

— C0 - C180

— C90 - C270

Luminaire: LEDil Oy FCN13572\_ANGELA-W\_(Luxeon\_S3000) Efficiency=84%  
Lamps: 1 x Philips Lumileds Luxeon S3000 (LXS8-PW30-0024) 593lm @ 100mA P=6.5W I=100mA

