

**Ordering number C12480\_MIRELLA-50-S-PIN**

Family	Mirella	FWHM	9 degrees
Type	Reflector	Efficiency	87 %
LED	XP-G	cd/lm	16.000
Color	Metal	Gerber File	Available
Diameter	49.9 mm		
Height	23.9 mm		
Style	Round		
Optic Material	PC		
Holder Material	-		
Fastening	Pin		
Status	Ready		

Please note that the position pin holes come very close to the L

**Ordering number CN12486\_MIRELLA-50-S-PIN-DL**

Family	Mirella	FWHM	15 degrees
Type	Pack	Efficiency	82 %
LED	XP-G	cd/lm	5.960
Color	Metal	Gerber File	Available
Diameter	49.9 mm		
Height	23.9 mm		
Style	Round		
Optic Material	PC		
Holder Material	-		
Fastening	Pin		
Status	Ready		

Please note that the position pin holes come very close to the L

**Ordering number C12481\_MIRELLA-50-M-PIN**

Family	Mirella	FWHM	24 degrees
Type	Reflector	Efficiency	86 %
LED	XP-G	cd/lm	3.300
Color	Metal	Gerber File	Available
Diameter	49.9 mm		
Height	23.9 mm		
Style	Round		
Optic Material	PC		
Holder Material	-		
Fastening	Pin		
Status	Ready		

Please note that the position pin holes come very close to the L

**Ordering number C12482\_MIRELLA-50-W-PIN**

Family	Mirella	FWHM	34 degrees
Type	Reflector	Efficiency	86 %
LED	XP-G	cd/lm	1.700
Color	Metal	Gerber File	Available
Diameter	49.9 mm		
Height	23.9 mm		
Style	Round		
Optic Material	PC		
Holder Material	-		
Fastening	Pin		
Status	Ready		

Please note that the position pin holes come very close to the L


**Ordering number CN12487\_MIRELLA-50-M-PIN-DL**

Family	Mirella	FWHM	34 degrees
Type	Pack	Efficiency	81 %
LED	XP-G	cd/lm	1.620
Color	Metal	Gerber File	Available
Diameter	49.9 mm		
Height	23.9 mm		
Style	Round		
Optic Material	PC		
Holder Material	-		
Fastening	Pin		
Status	Ready		

Please note that the position pin holes come very close to the L

**Ordering number CN12488\_MIRELLA-50-W-PIN-DL**

Family	Mirella	FWHM	50 degrees
Type	Pack	Efficiency	80 %
LED	XP-G	cd/lm	1.050
Color	Metal	Gerber File	Available
Diameter	49.9 mm		
Height	23.9 mm		
Style	Round		
Optic Material	PC		
Holder Material	-		
Fastening	Pin		
Status	Ready		

Please note that the position pin holes come very close to the L

**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

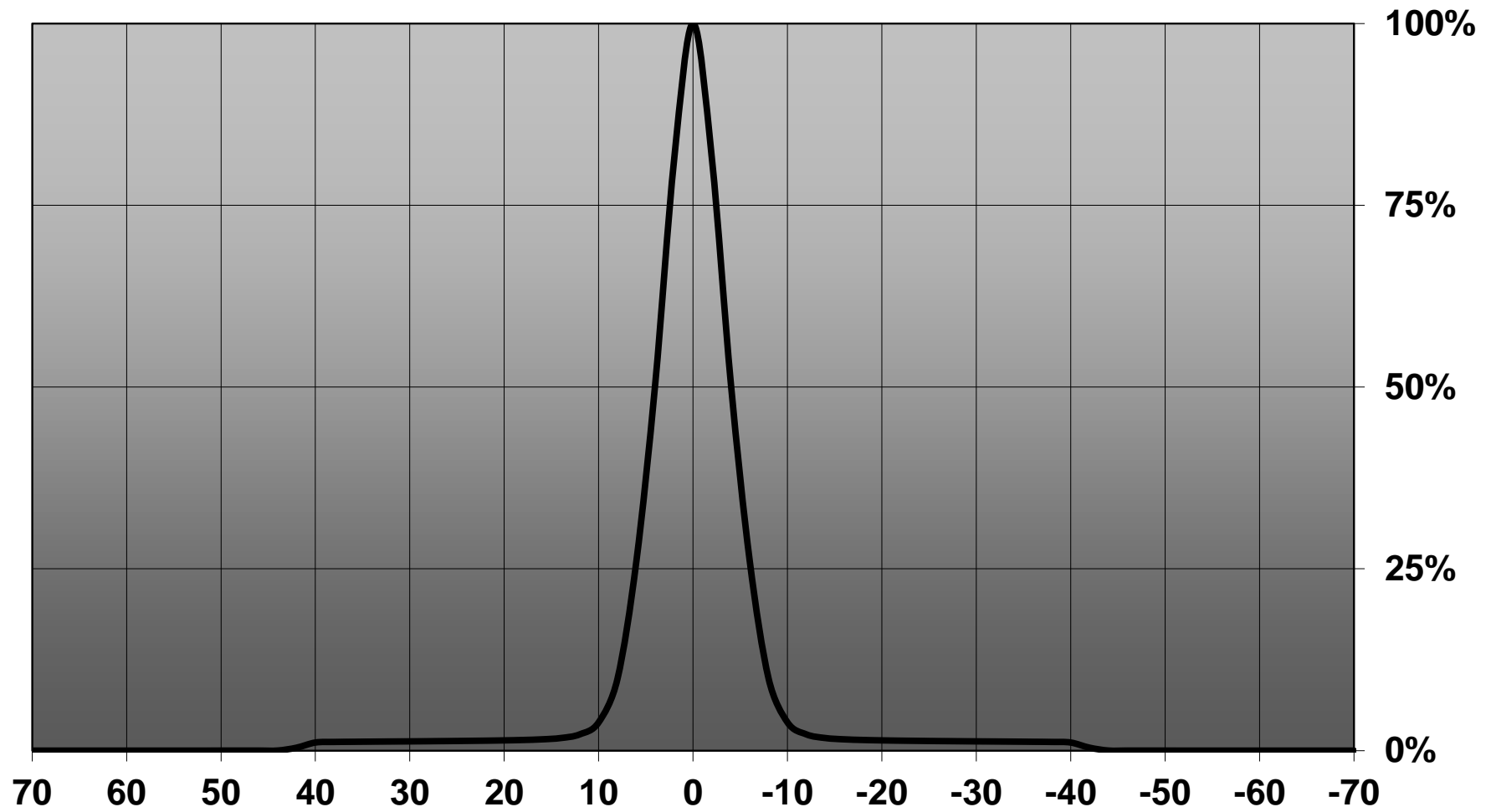
### Mirella series

last update 18/2/2013

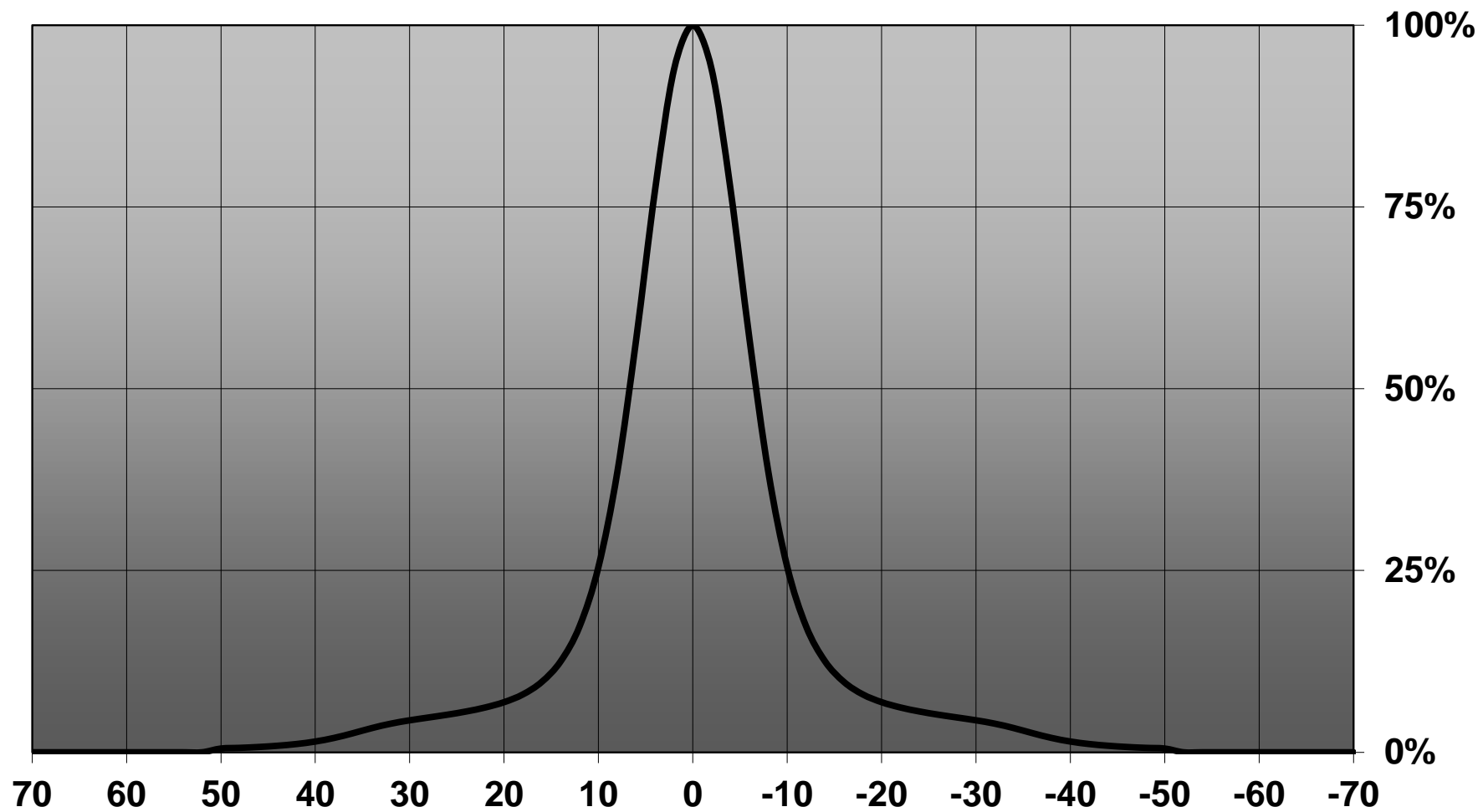
#### GENERAL INFORMATION

- Product series especially designed & optimized for XP-G 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 (110 degrees of Celcius / 230 degrees of Fahrenheit).

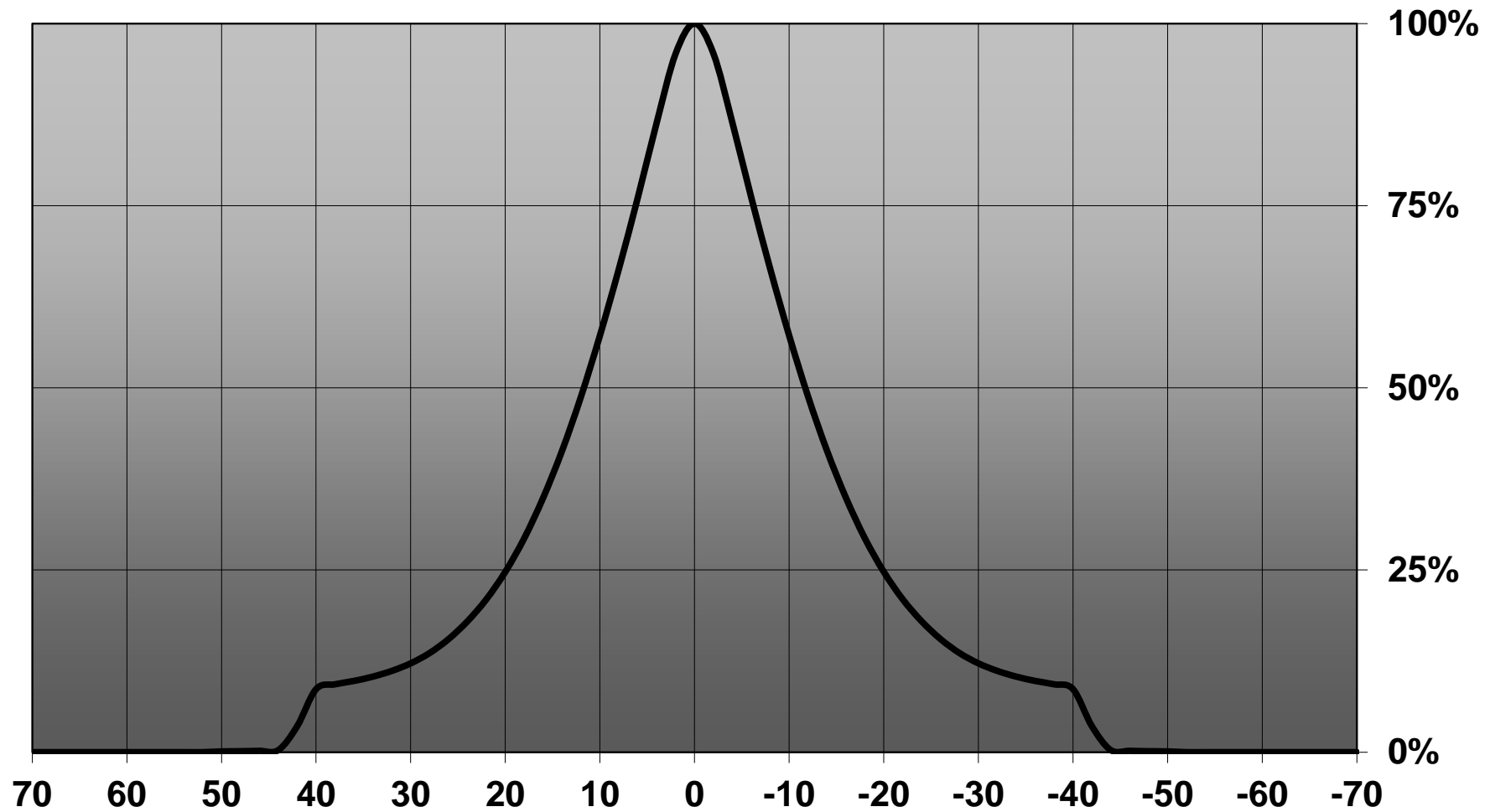
Relative intensity of C12480\_Mirella\_50-S-PIN\_(XP-G)



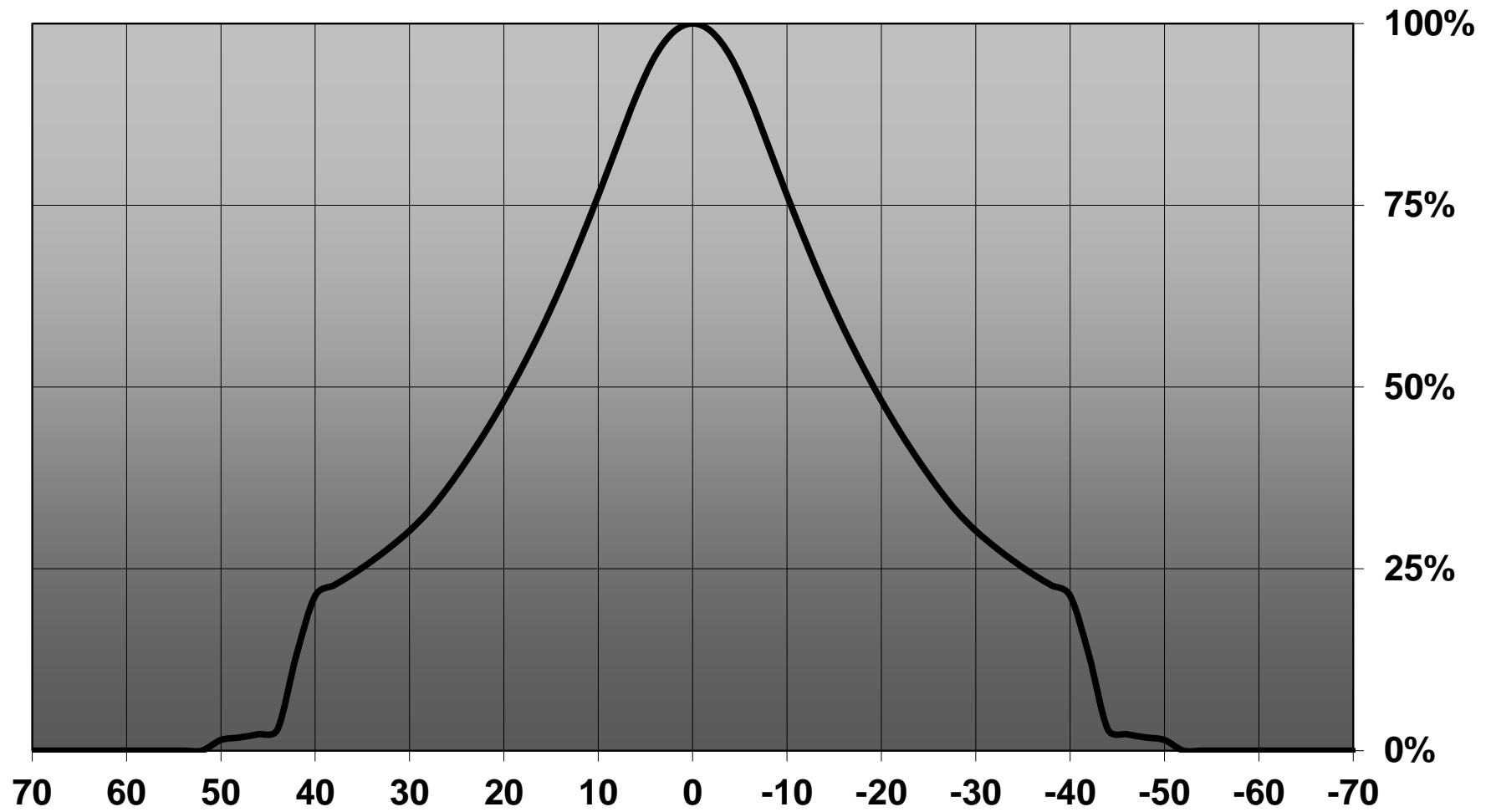
Relative intensity of CN12486\_MIRELLA-50-S-PIN-DL\_(XP-G)



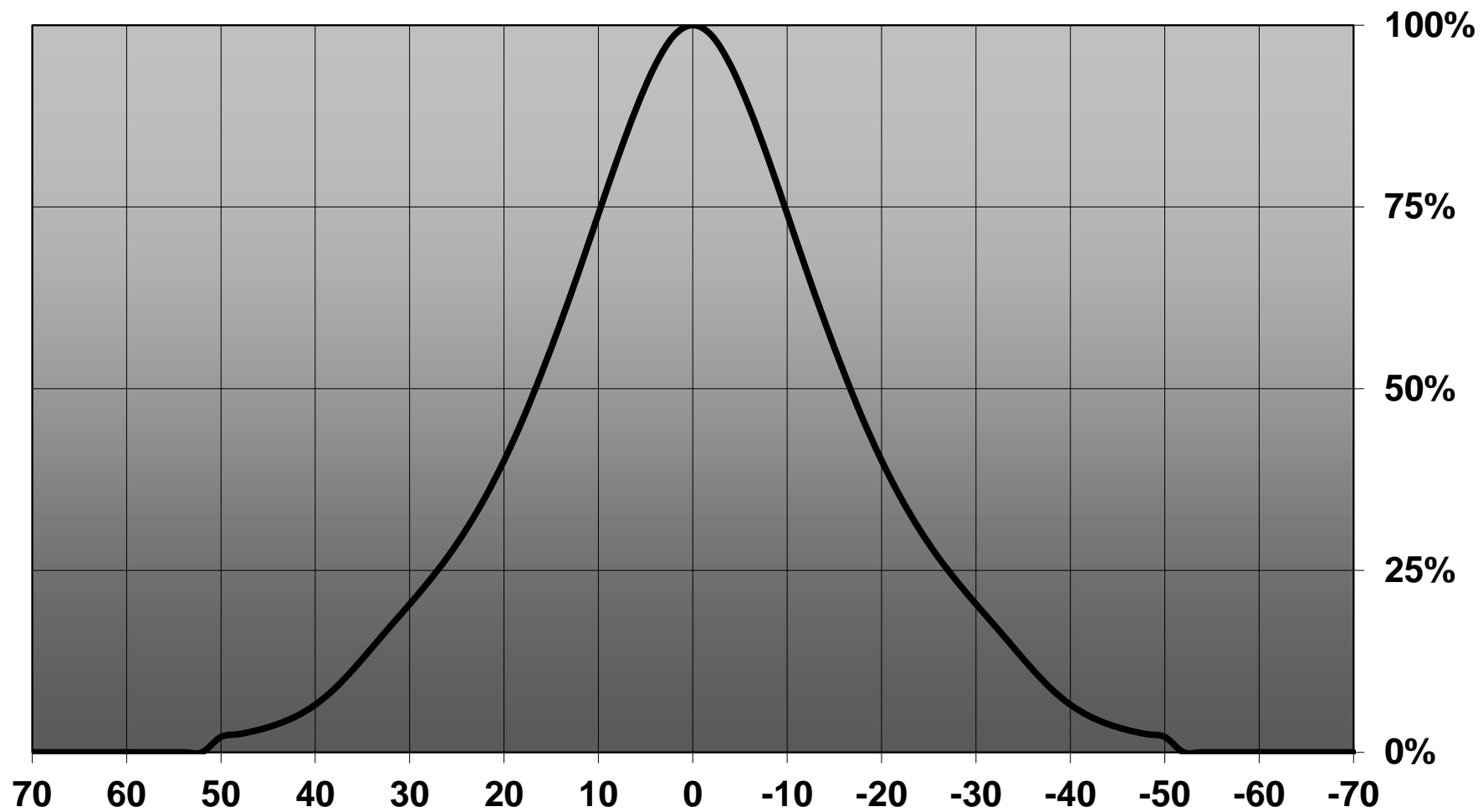
Relative intensity of C12481\_Mirella\_50-M-PIN\_(XP-G)



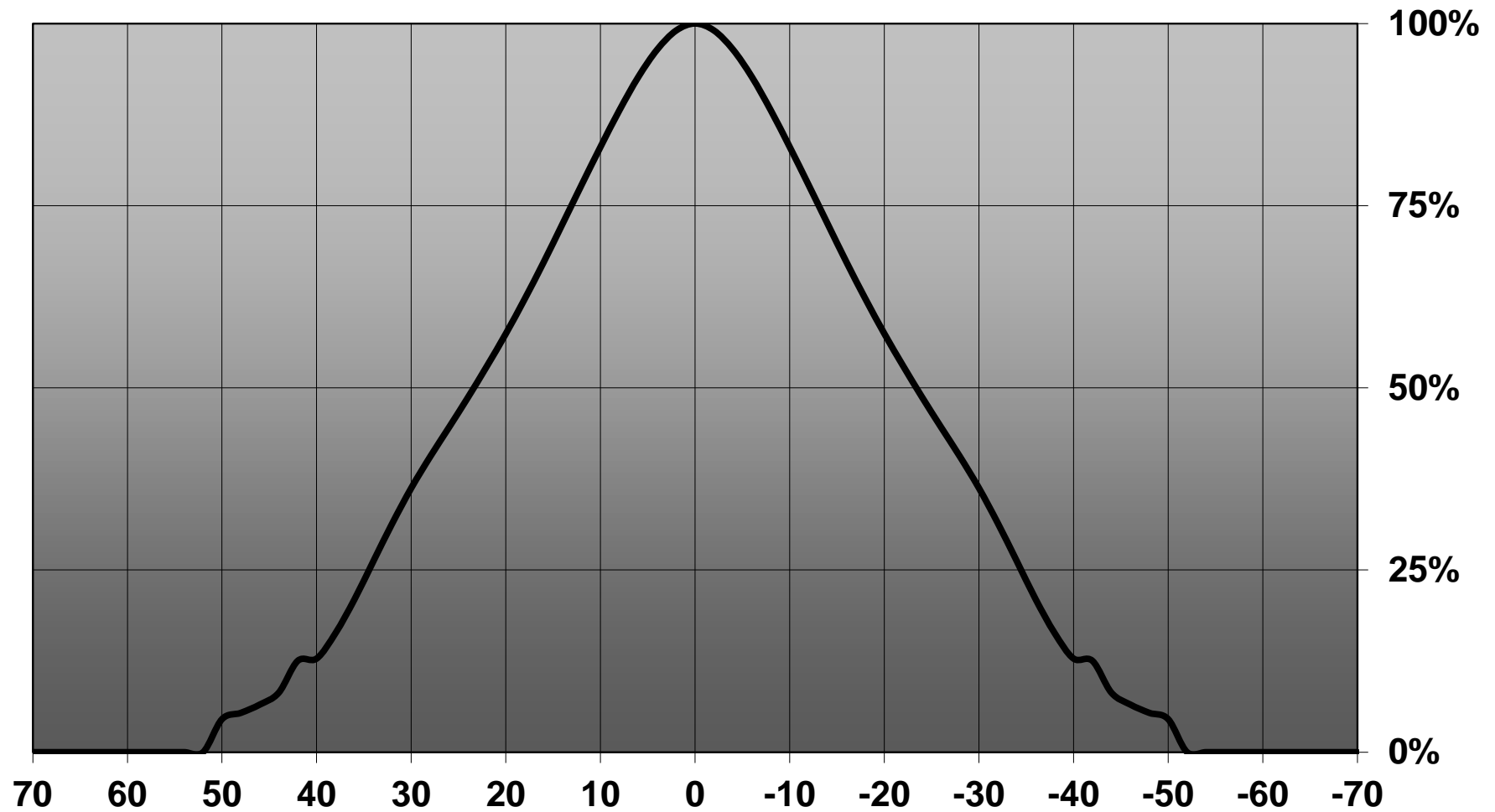
Relative intensity of C12482\_Mirella\_50-W-PIN\_(XP-G)

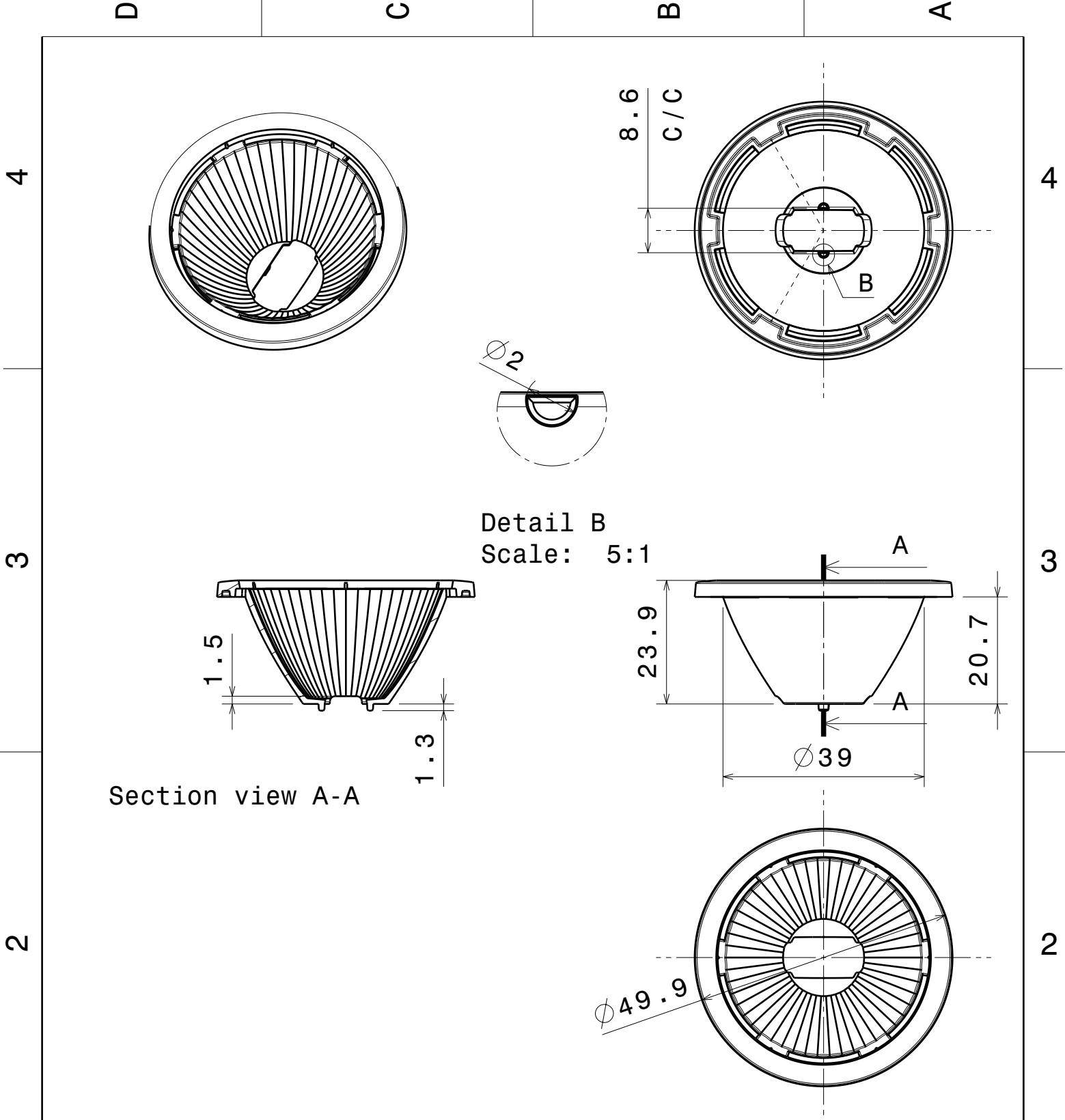


Relative intensity of CN12487\_MIRELLA-50-M-PIN-DL\_(XP-G)



Relative intensity of CN12488\_MIRELLA-50-W-PIN-DL\_(XP-G)





Section view A-A

Detail B  
Scale: 5:1

Material: PC, metal plated

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Ledil Oy  
Salorankatu 10  
FIN-24240 SALO  
Finland

DRAWING TITLE

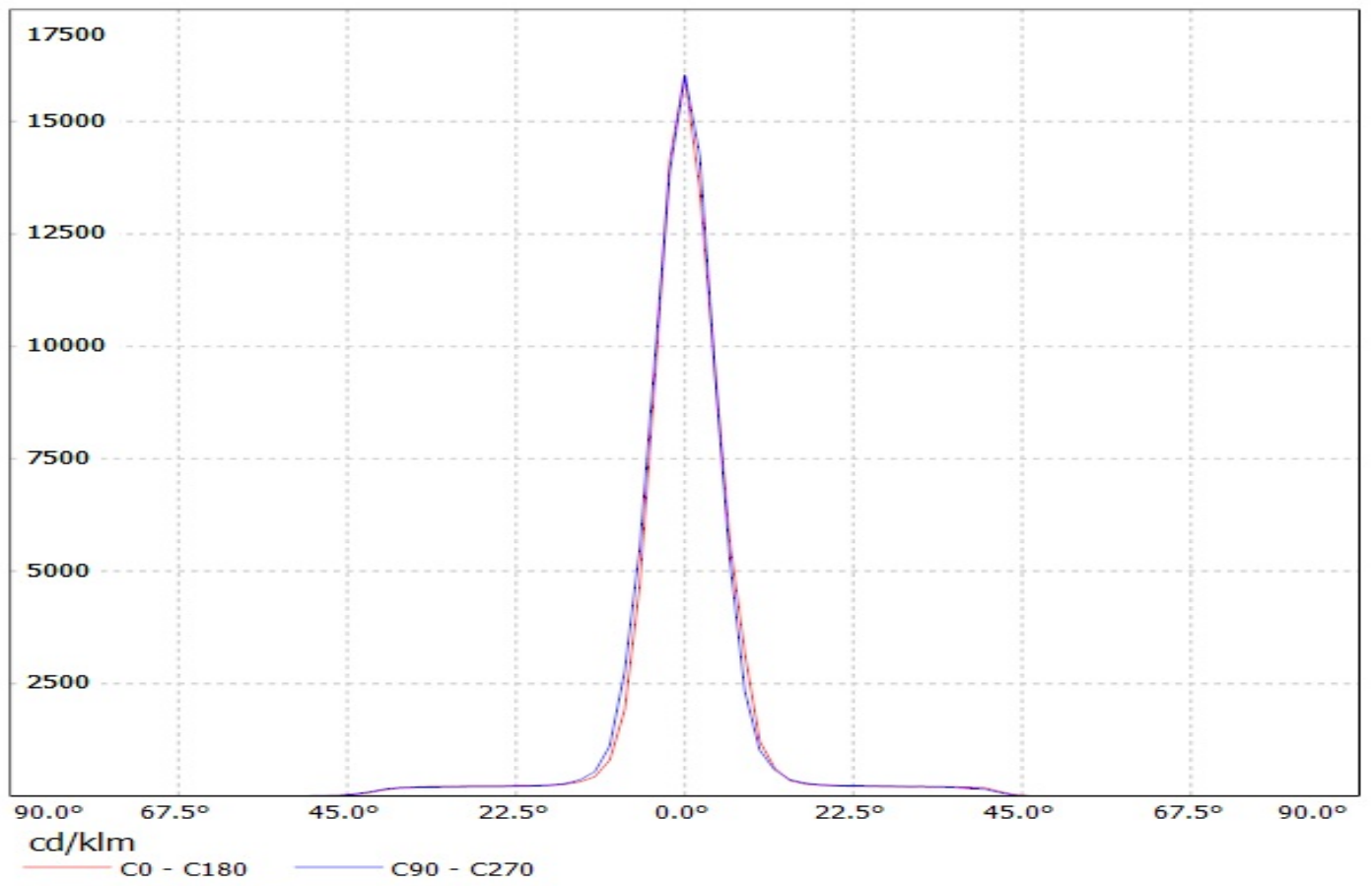
Datasheet Mirella pin reflector

DRAWN BY pl		DATE 25.11.2011		DRAWING TITLE Datasheet Mirella pin reflector		
CHECKED BY		DATE		SIZE A4	DRAWING NUMBER	REV 1
DESIGNED BY pl		DATE 25.11.2011		SCALE 1:1	WEIGHT (g)	SHEET 1/1

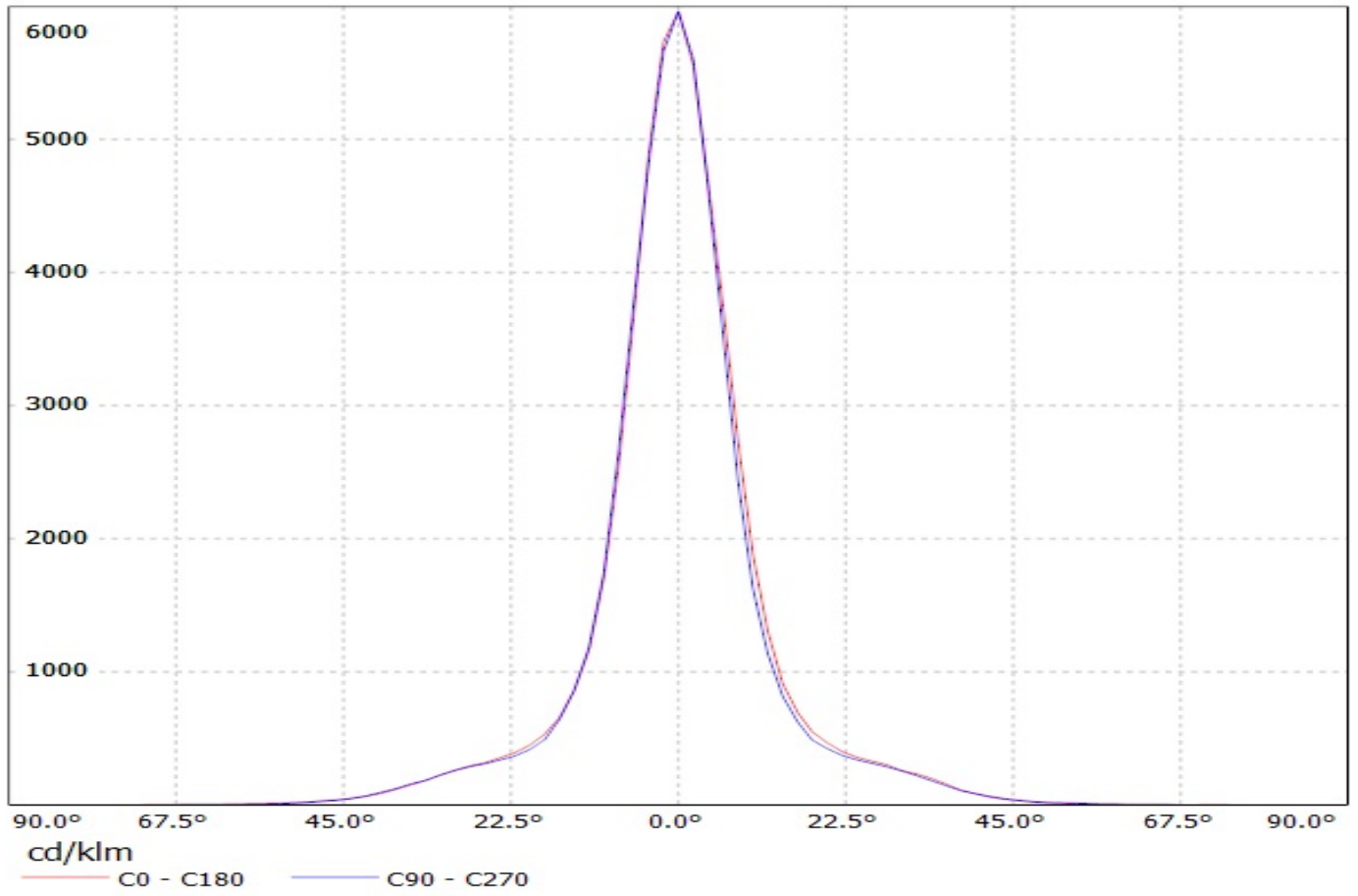
D

A

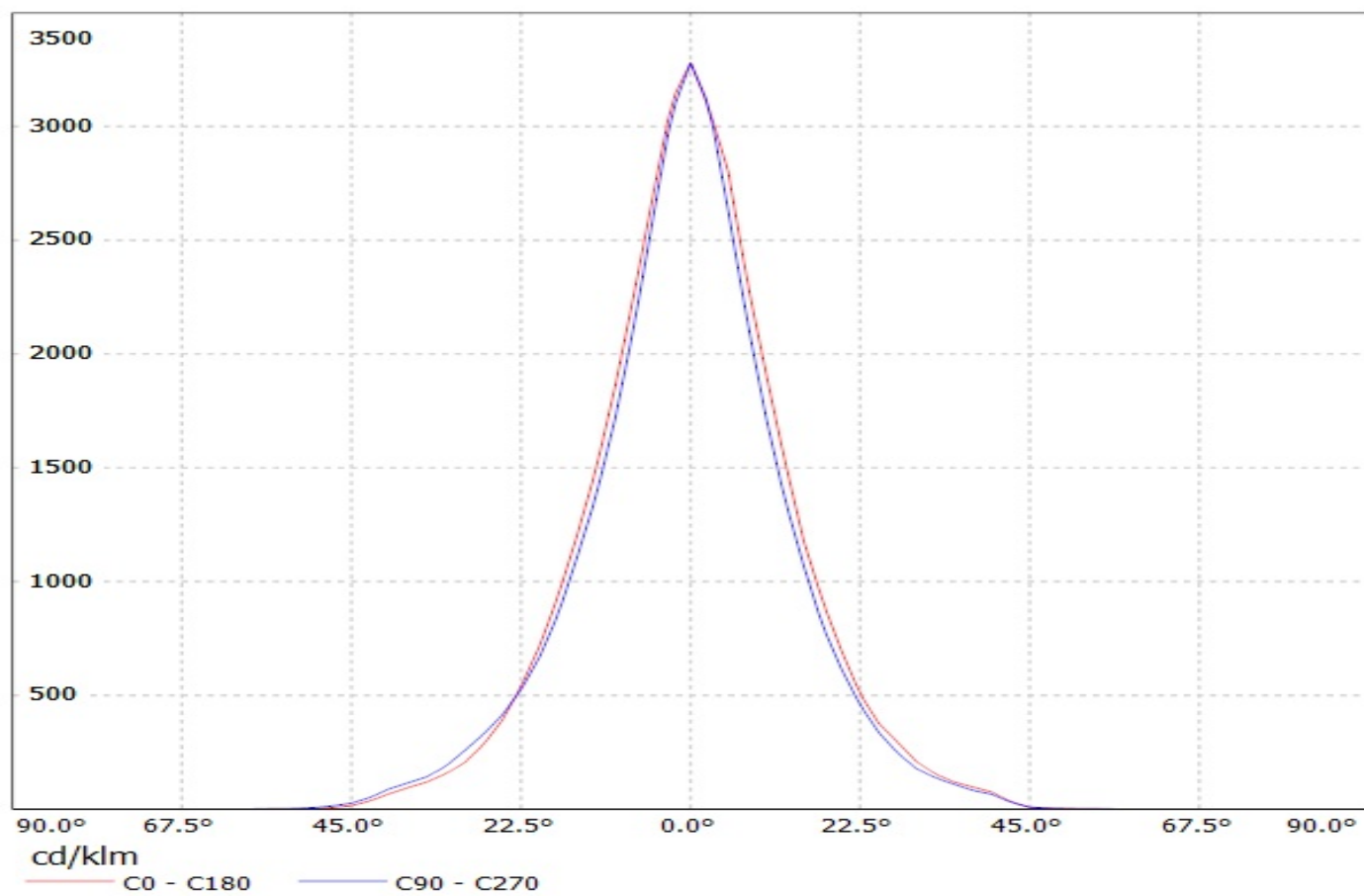
Luminaire: Ledil Oy C12480\_Mirella\_50-S-PIN (Cree XP-G 89lm @ 250mA) Efficiency=87%  
Lamps: 1 x Cree XP-G 89lm @ 250mA



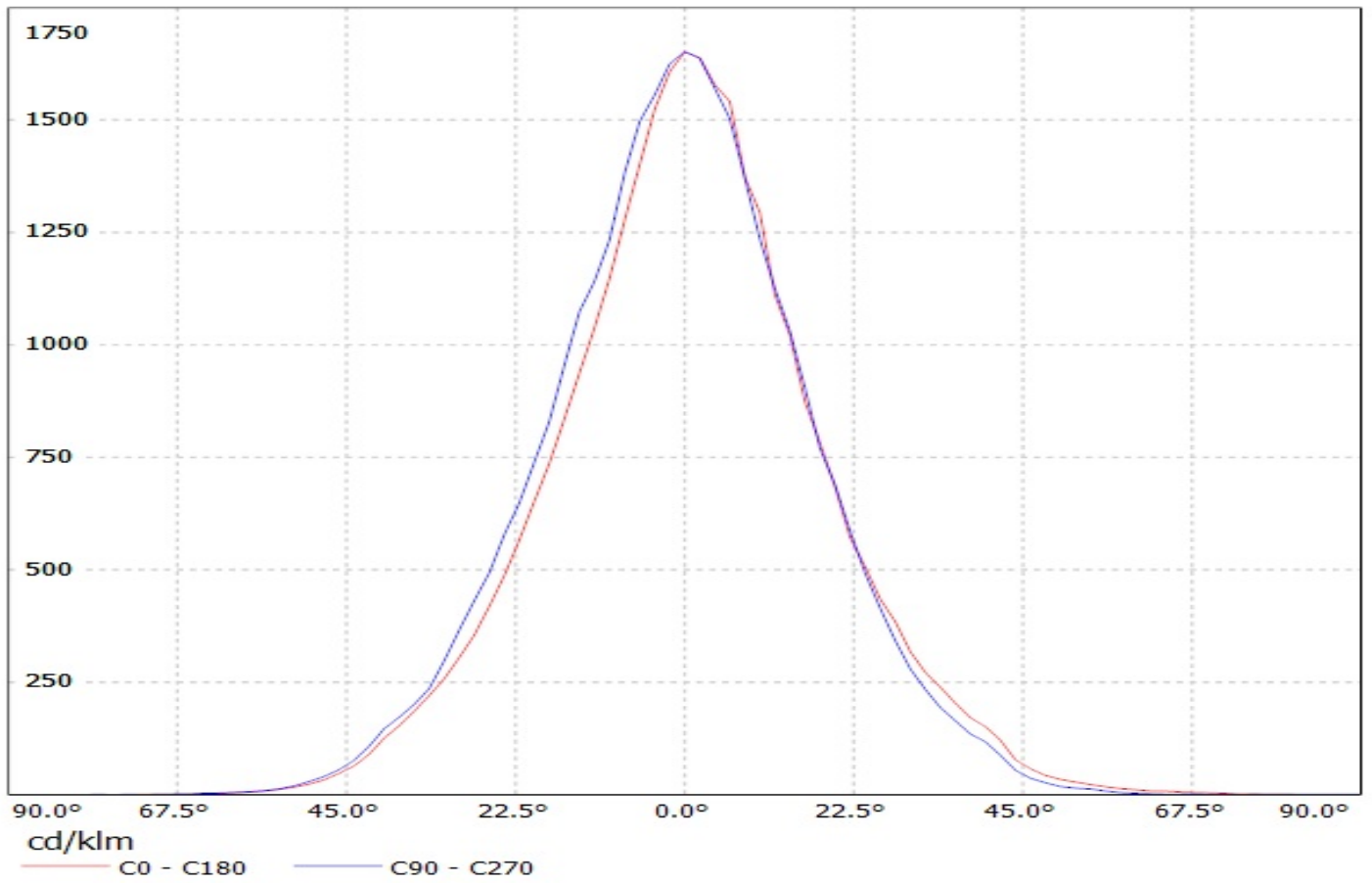
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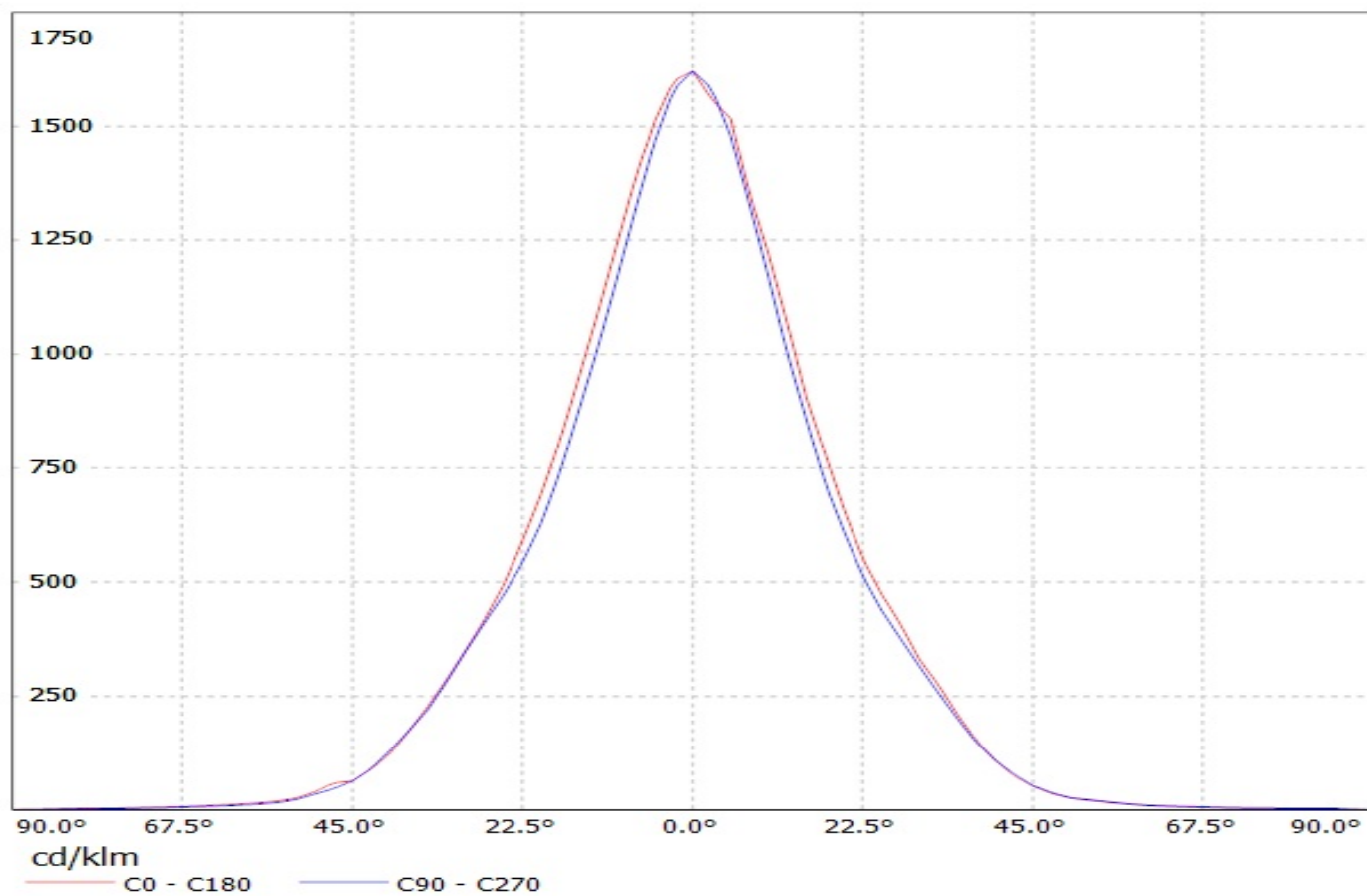
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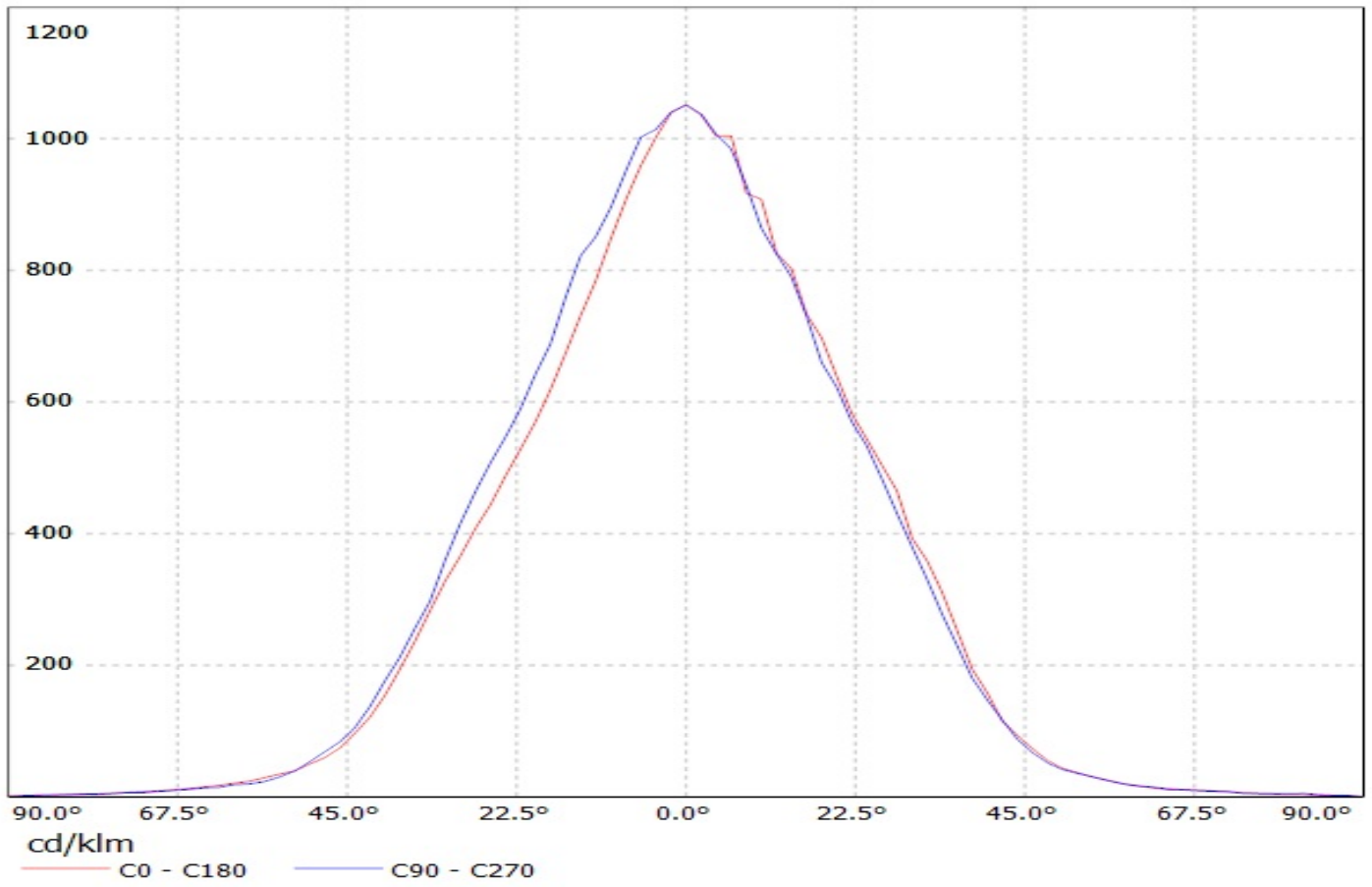
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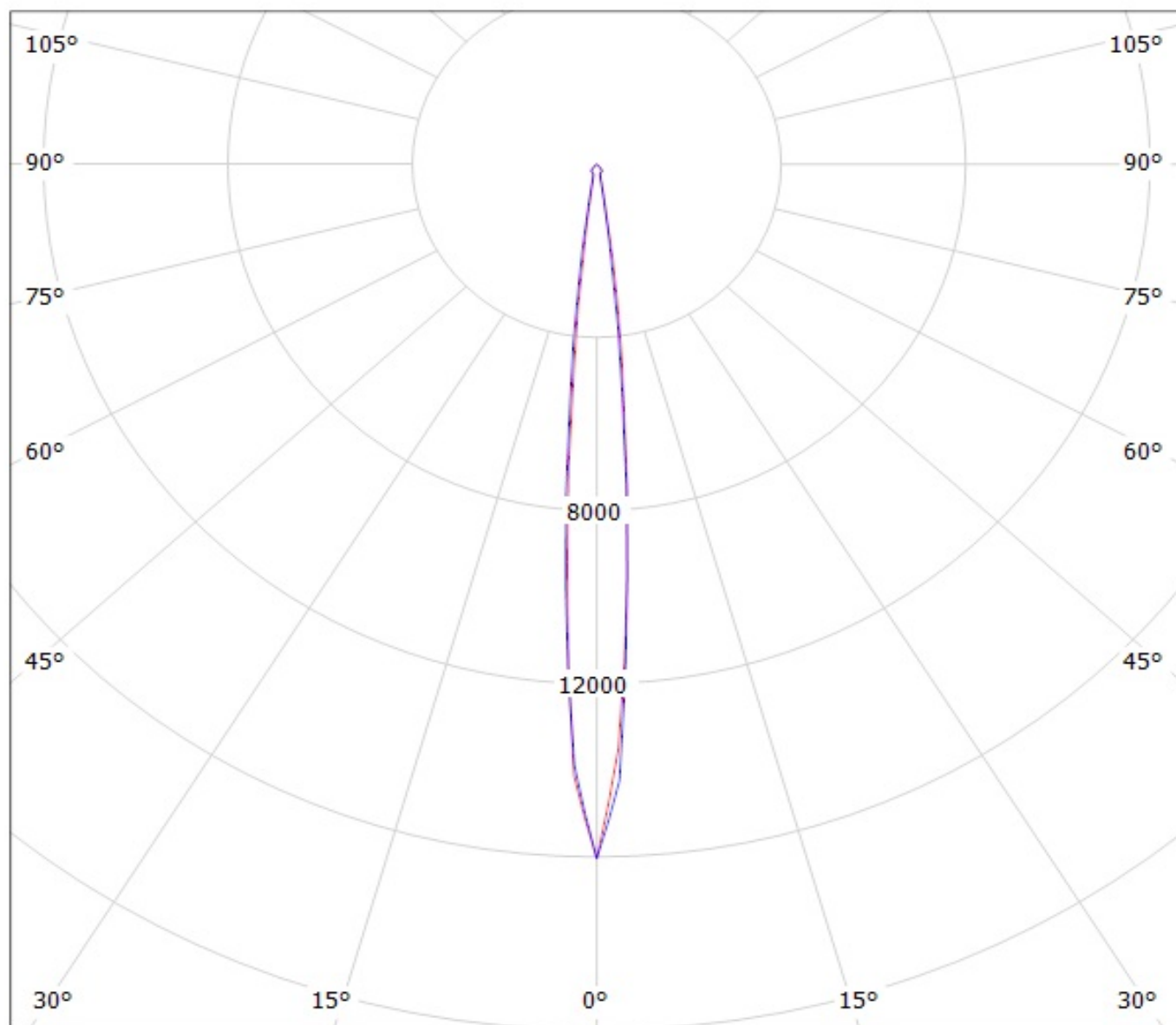
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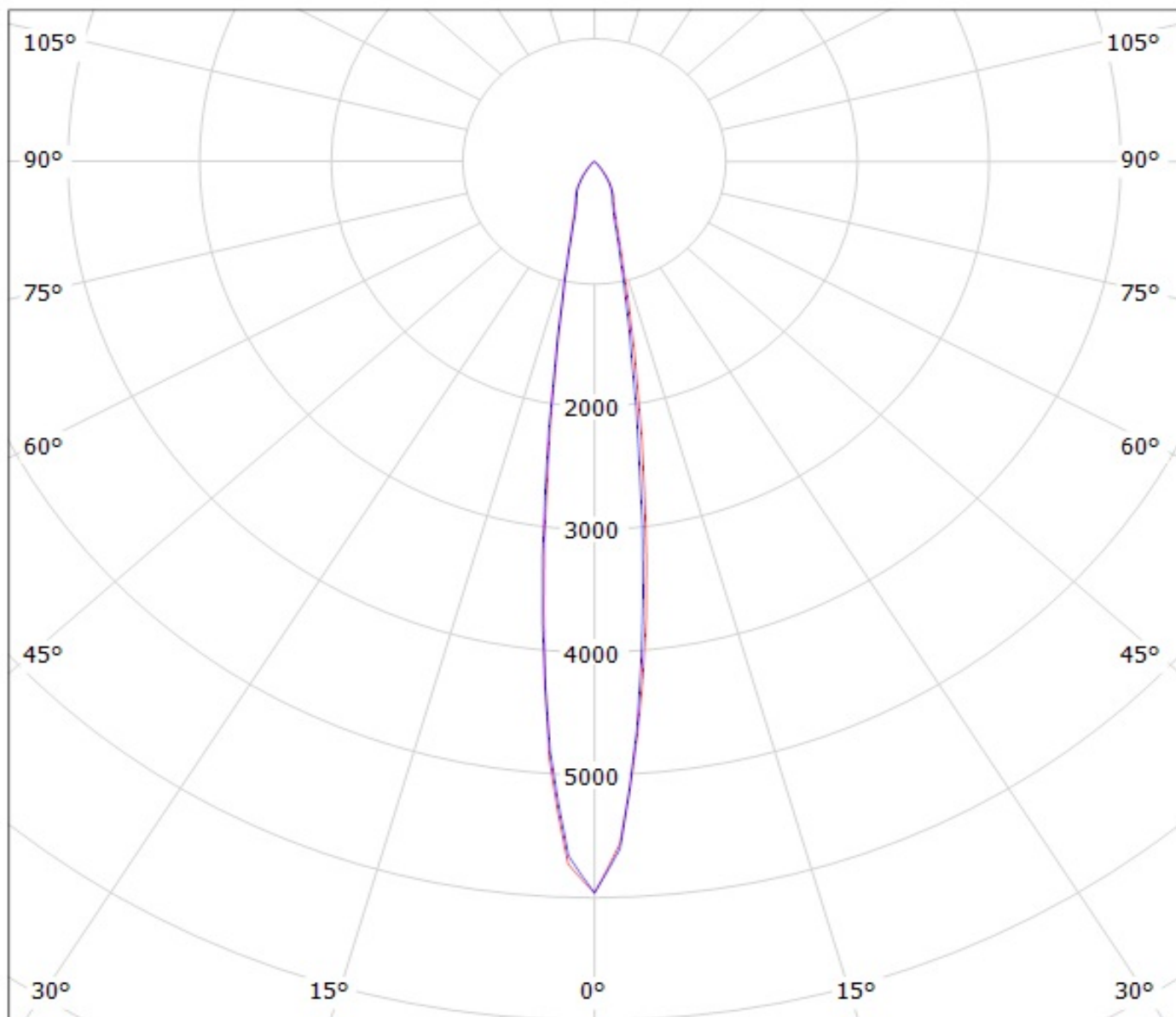


cd/klm

— C0 - C180

— C90 - C270

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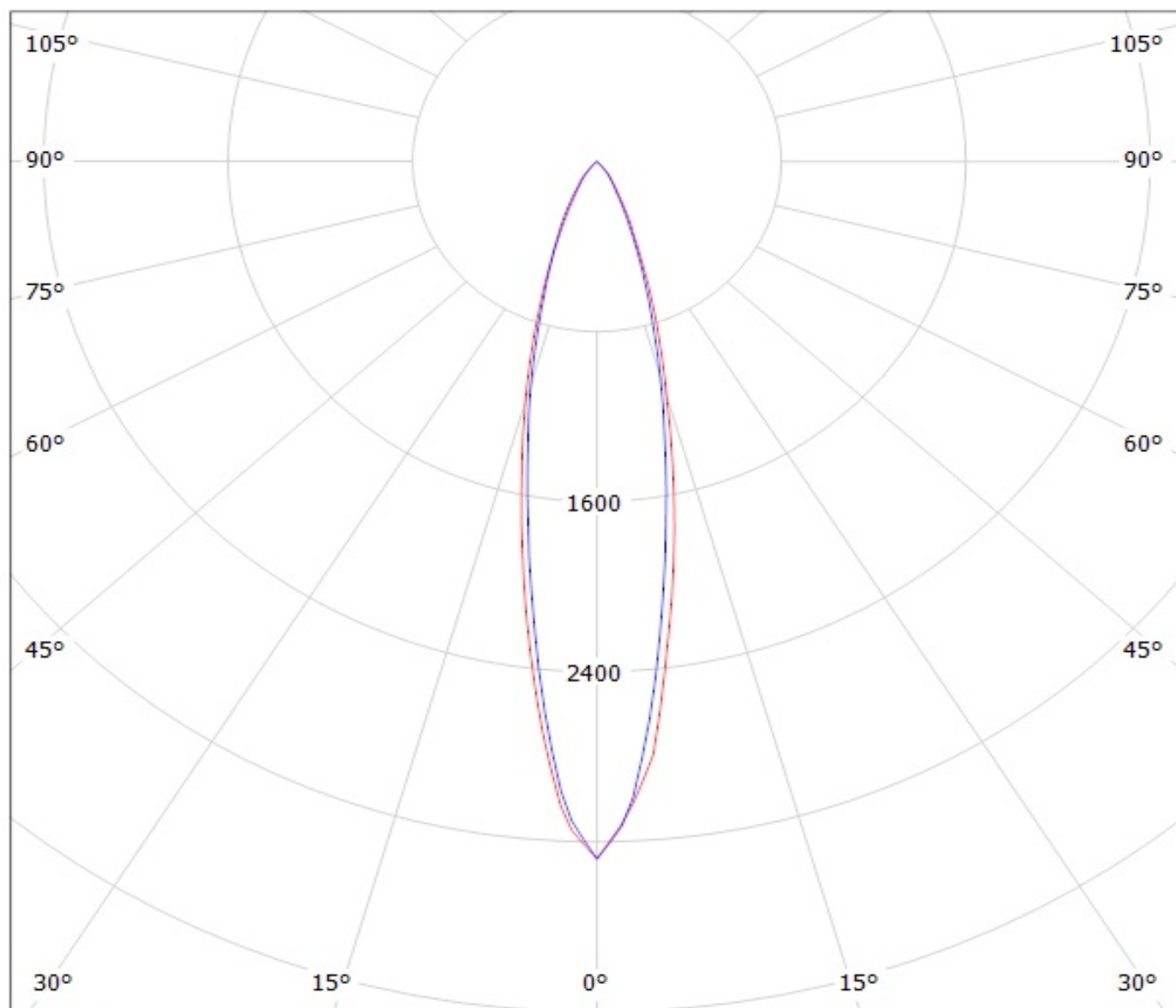


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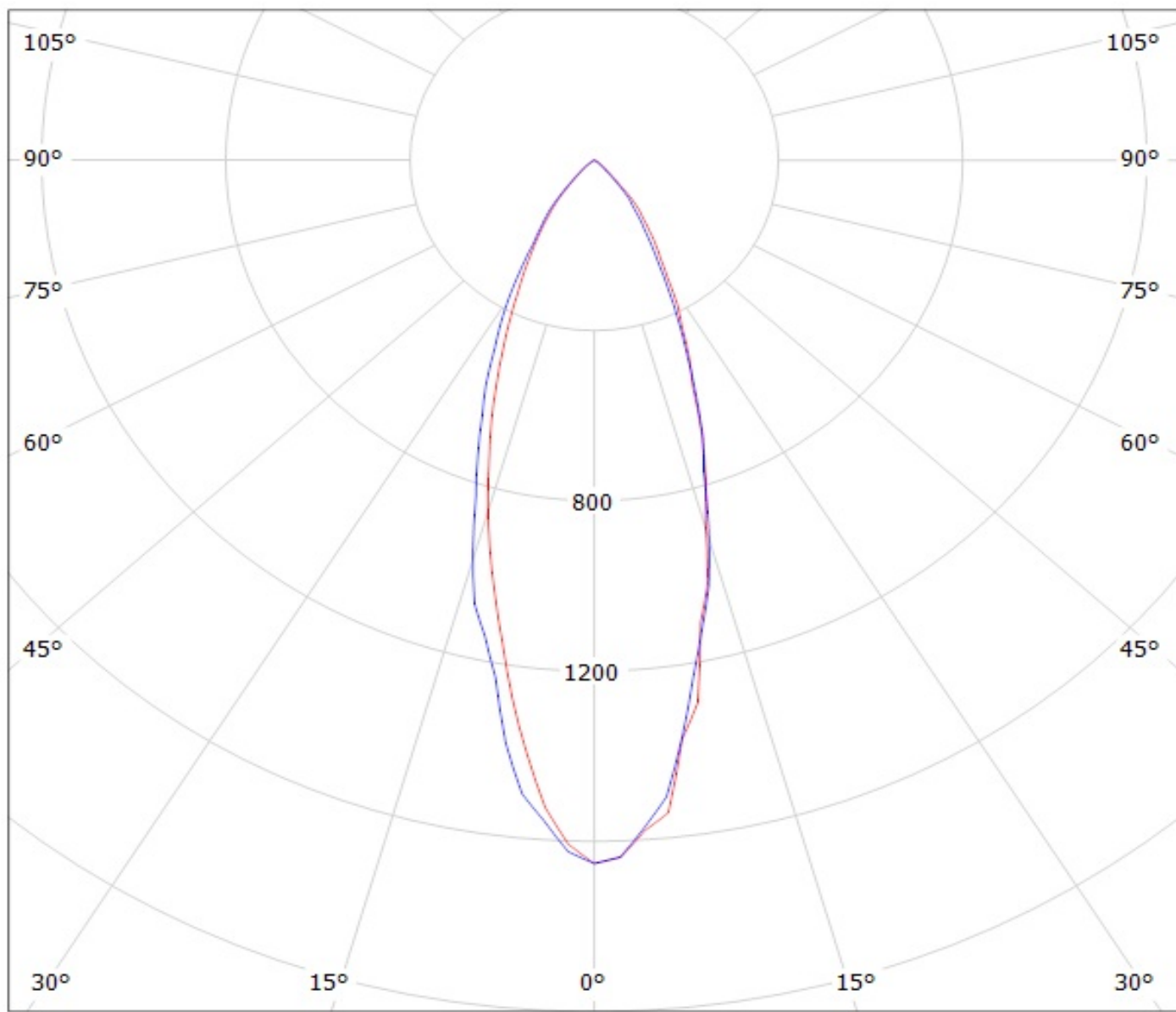


cd/klm

— C0 - C180

— C90 - C270

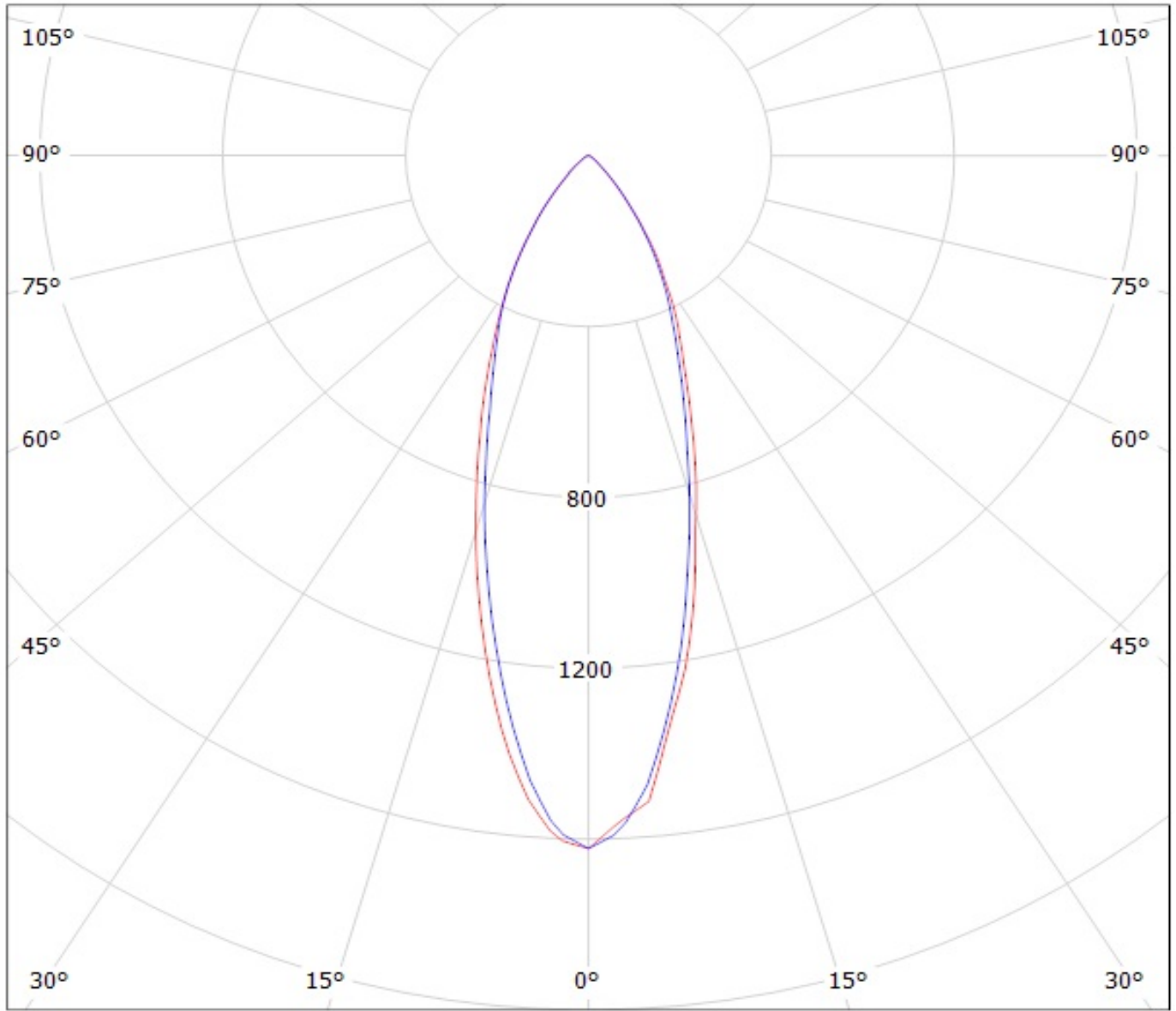
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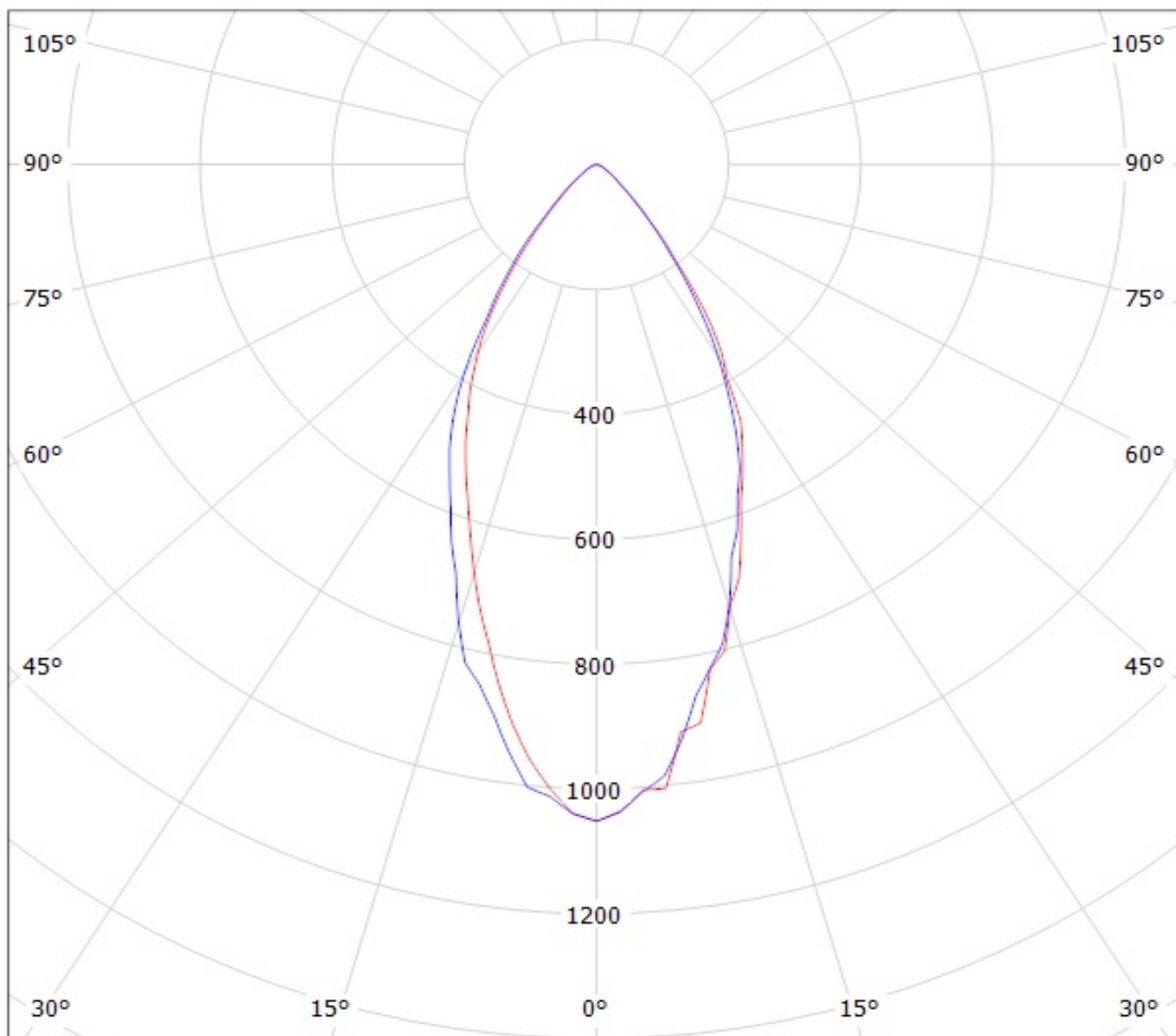


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