

**Ordering number** CN12486_MIRELLA-50-S-PIN-DL

Family	Mirella	FWHM	13 degrees
Type	Pack	Efficiency	80 %
LED	XT-E	cd/lm	6.170
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** C12480_MIRELLA-50-S-PIN

Family	Mirella	FWHM	15 degrees
Type	Reflector	Efficiency	86 %
LED	XT-E	cd/lm	7.500
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	23 degrees
Type	Reflector	Efficiency	85 %
LED	XT-E	cd/lm	3.400
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	31 degrees
Type	Reflector	Efficiency	84 %
LED	XT-E	cd/lm	1.200
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	32 degrees
Type	Pack	Efficiency	78 %
LED	XT-E	cd/lm	1.780
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	46 degrees
Type	Pack	Efficiency	77 %
LED	XT-E	cd/lm	0.950
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

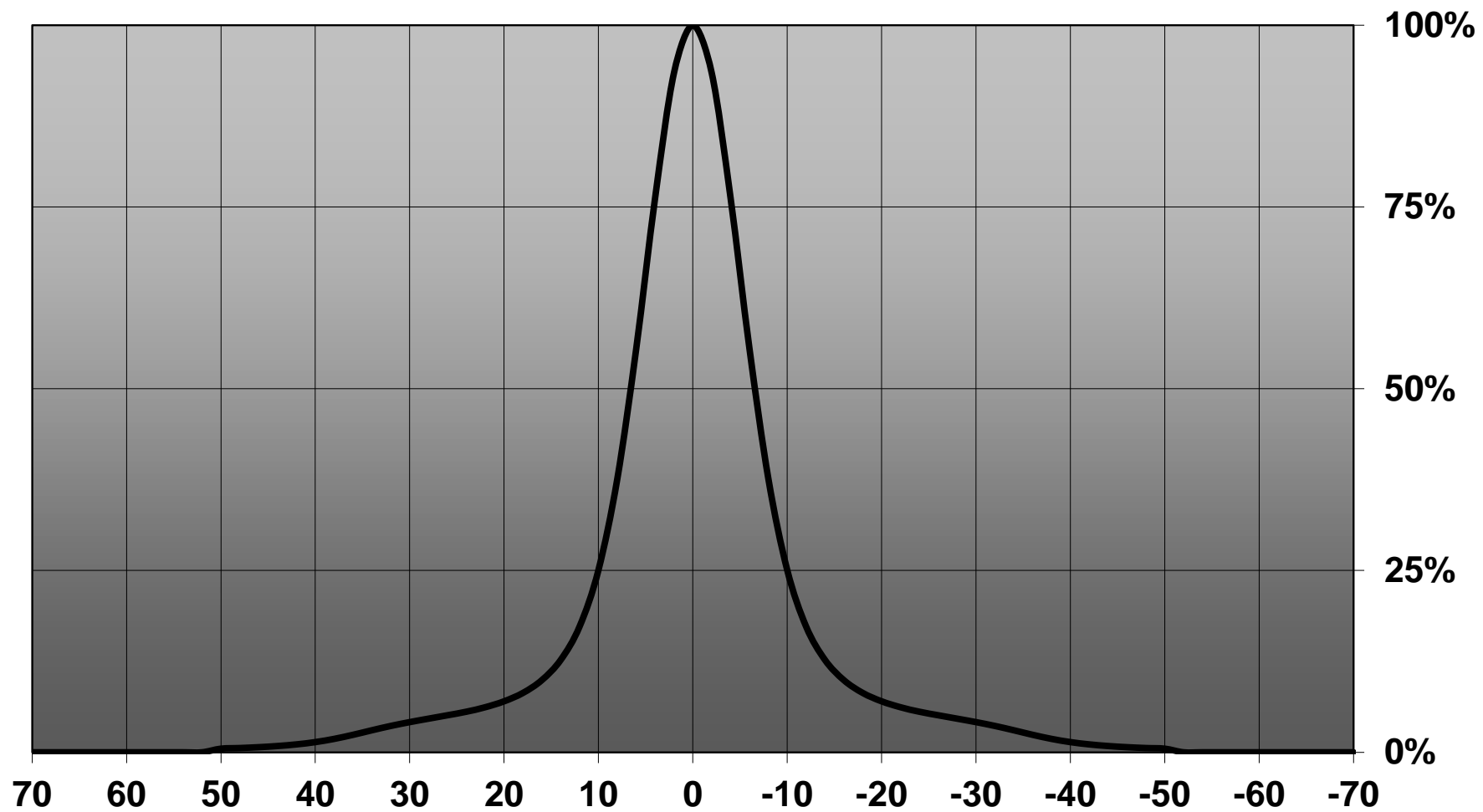
Mirella series

last update 18/2/2013

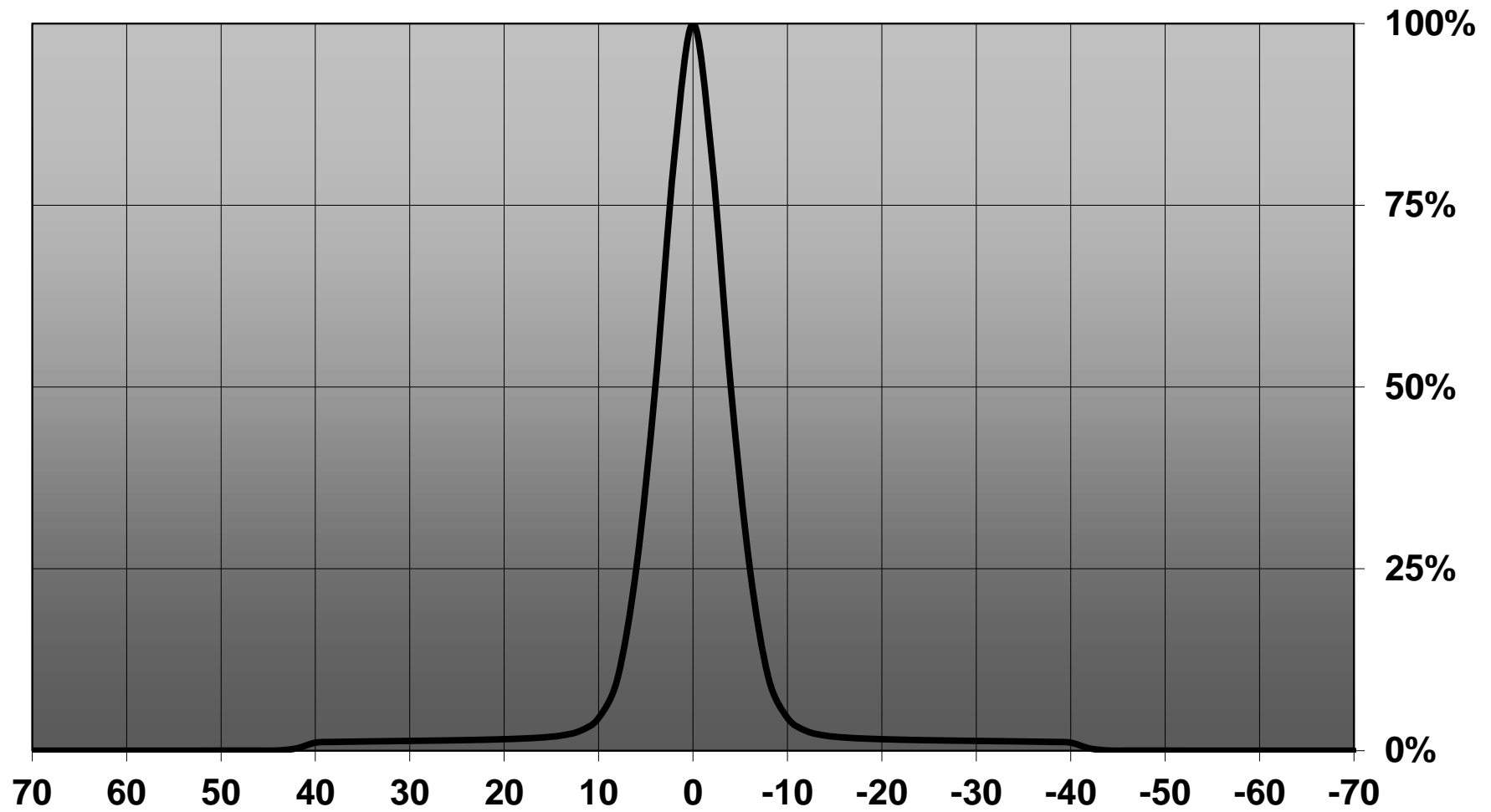
GENERAL INFORMATION

- Product series especially designed & optimized for XT-E 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).

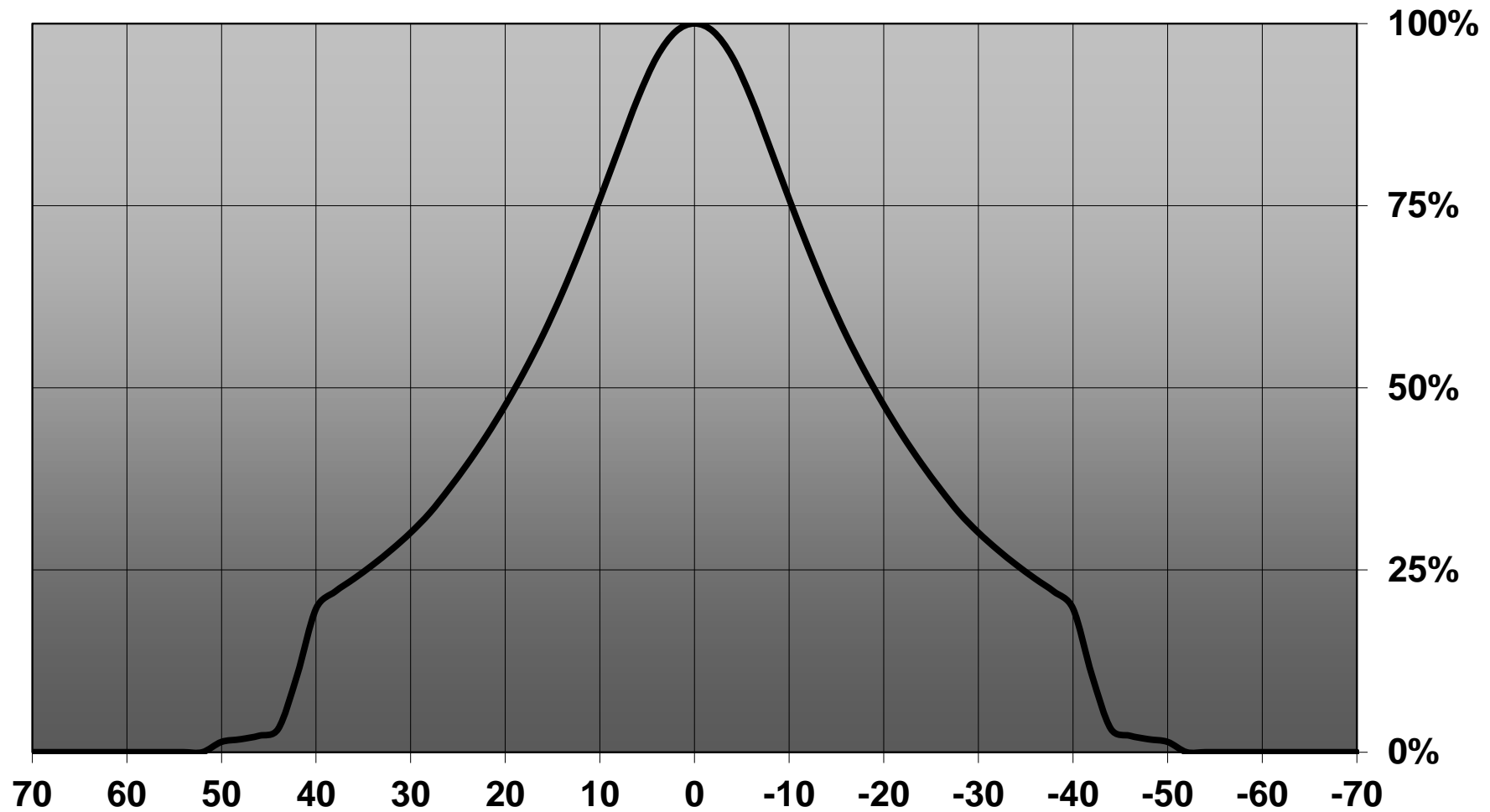
Relative intensity of CN12486_MIRELLA-50-S-PIN-DL_(XT-E)



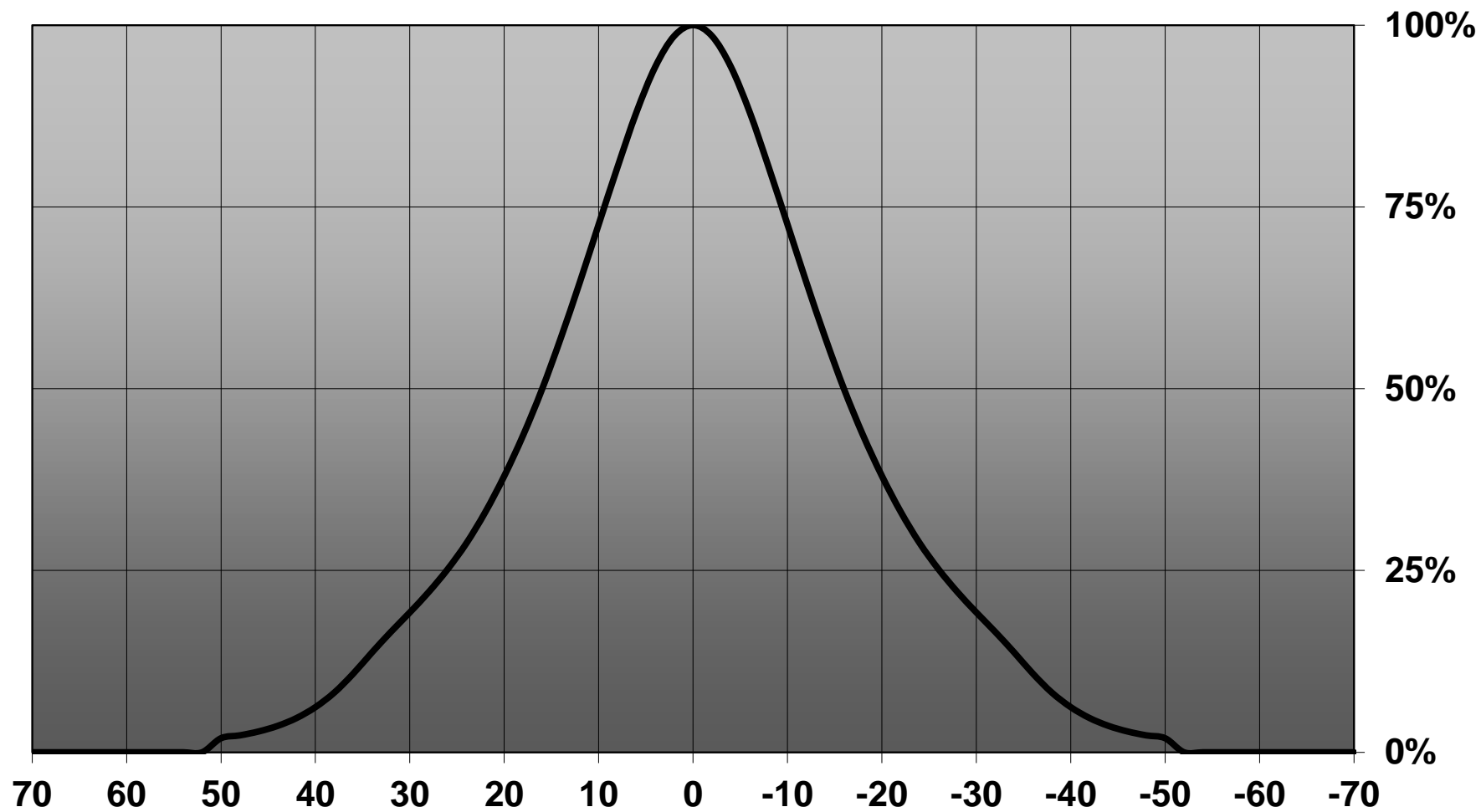
Relative intensity of C12480_Mirella_50-S-PIN_(XT-E)



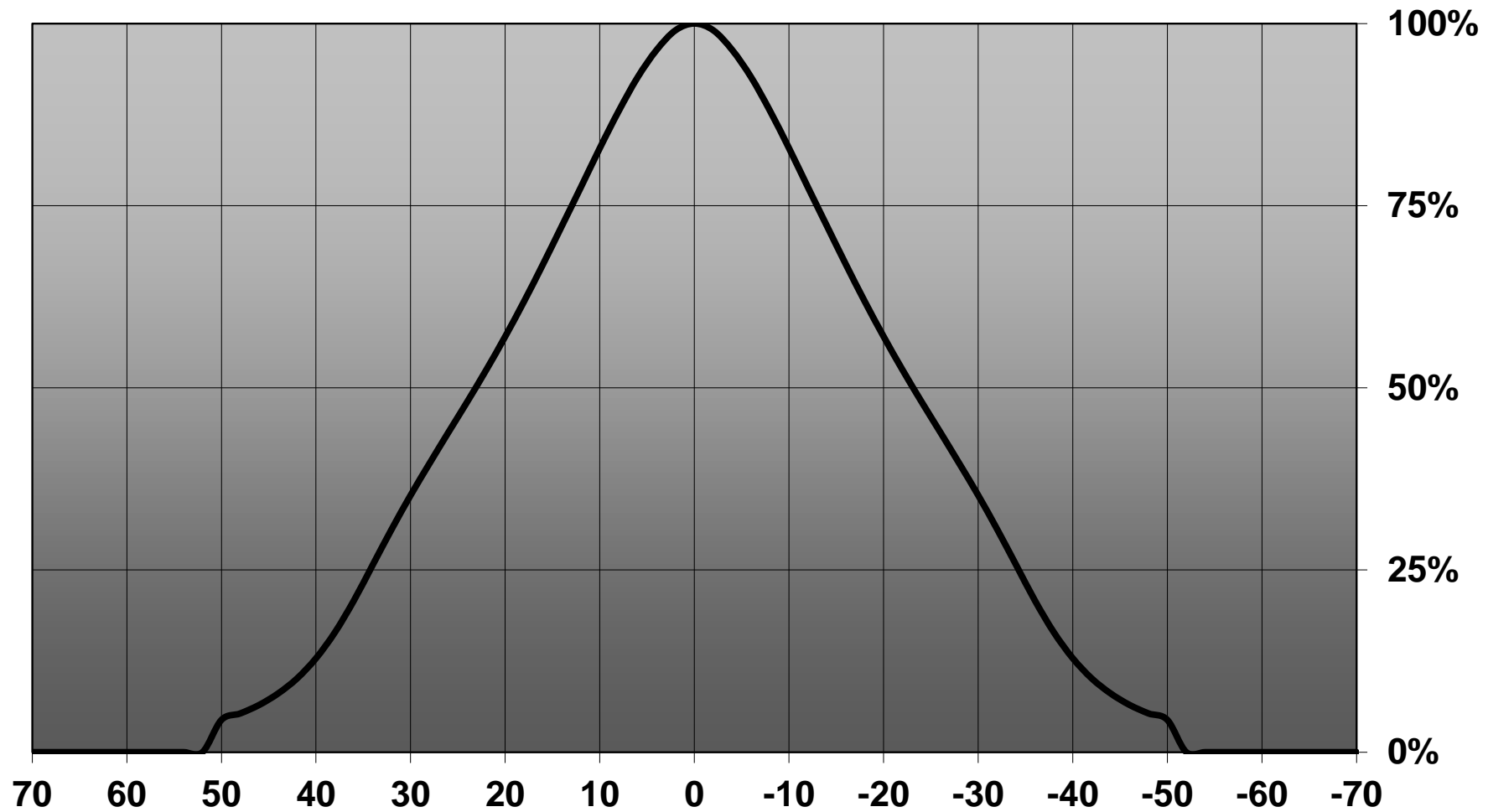
Relative intensity of C12482_Mirella_50-W-PIN_(XT-E)

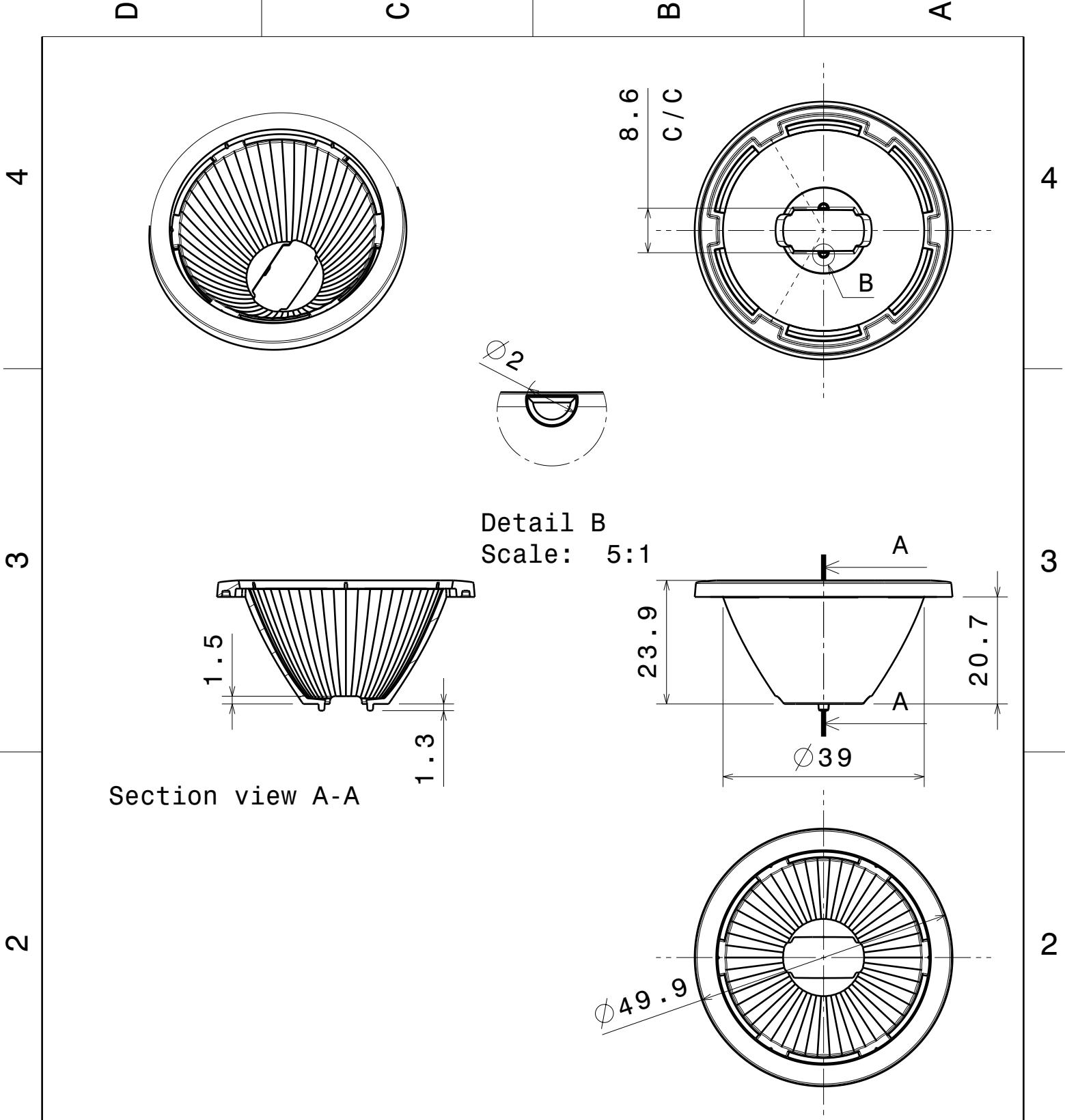


Relative intensity of CN12487_MIRELLA-50-M-PIN-DL_(XT-E)



Relative intensity of CN12488_MIRELLA-50-W-PIN-DL_(XT-E)





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

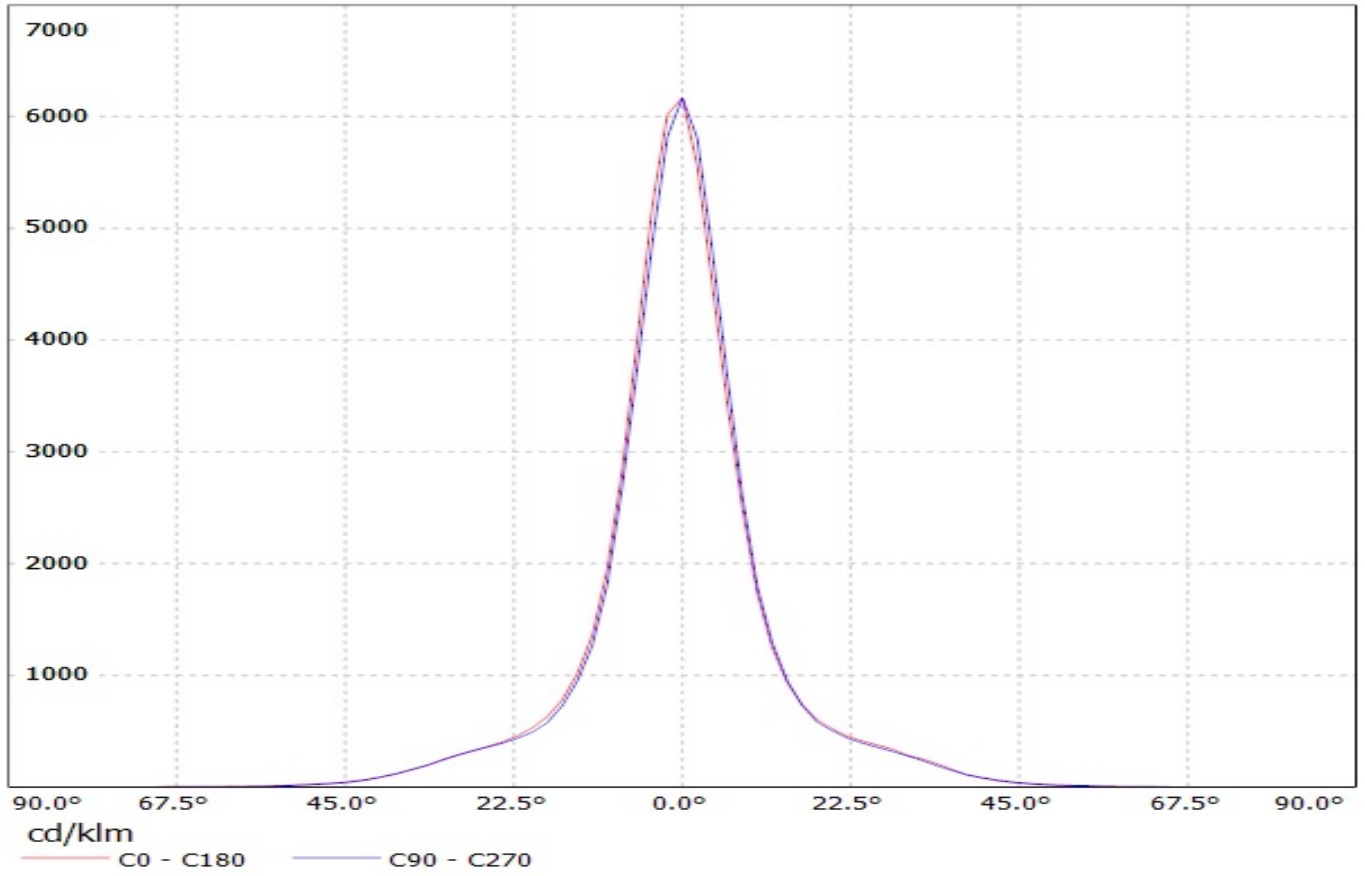
Datasheet Mirella pin reflector

DRAWN BY pl		DATE 25.11.2011		DRAWING NUMBER			REV 1		
CHECKED BY		DATE		SCALE A4		WEIGHT (g)		SHEET 1/1	
DESIGNED BY pl		DATE 25.11.2011		SCALE 1:1		WEIGHT (g)		SHEET 1/1	

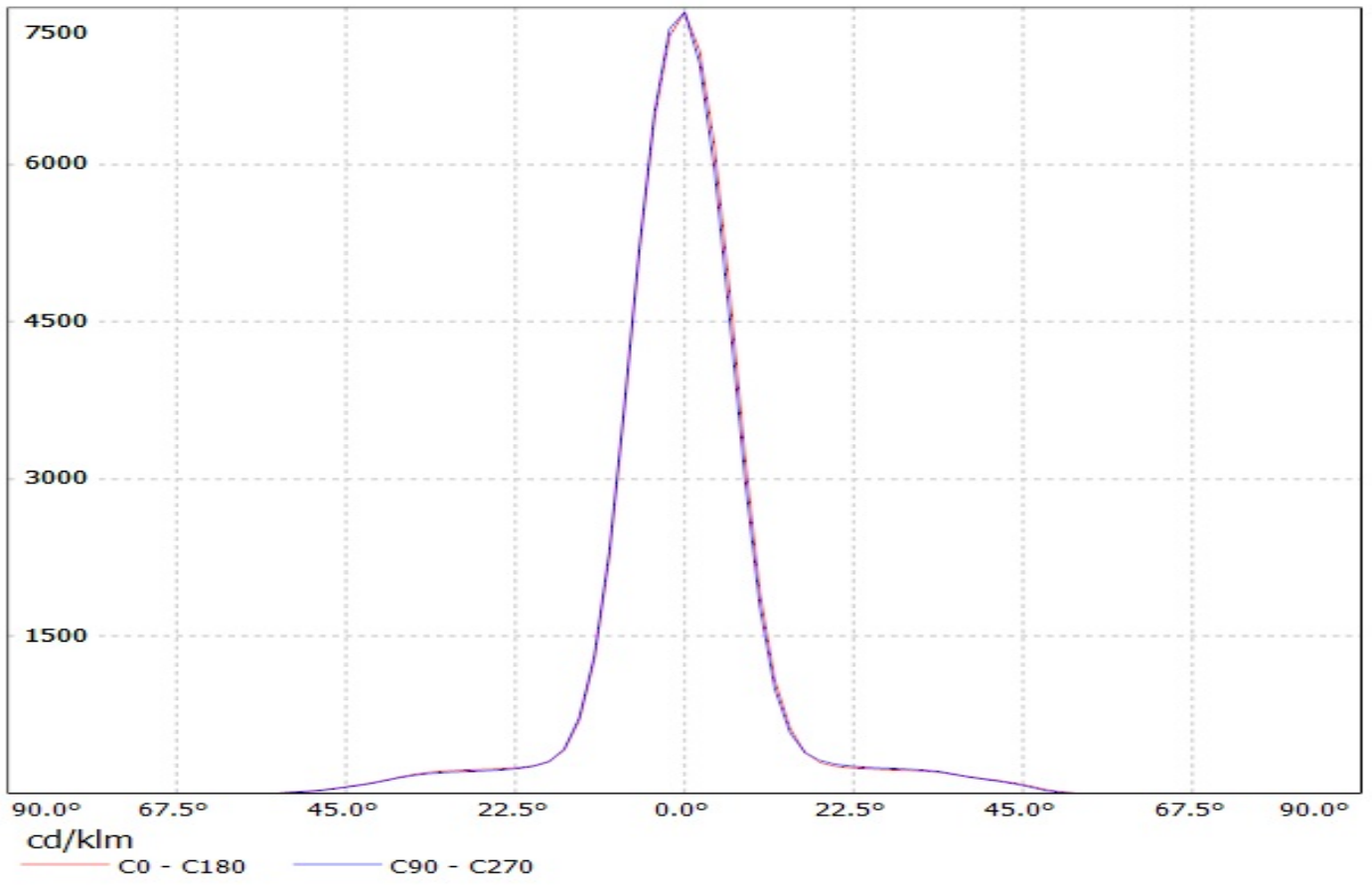
D

A

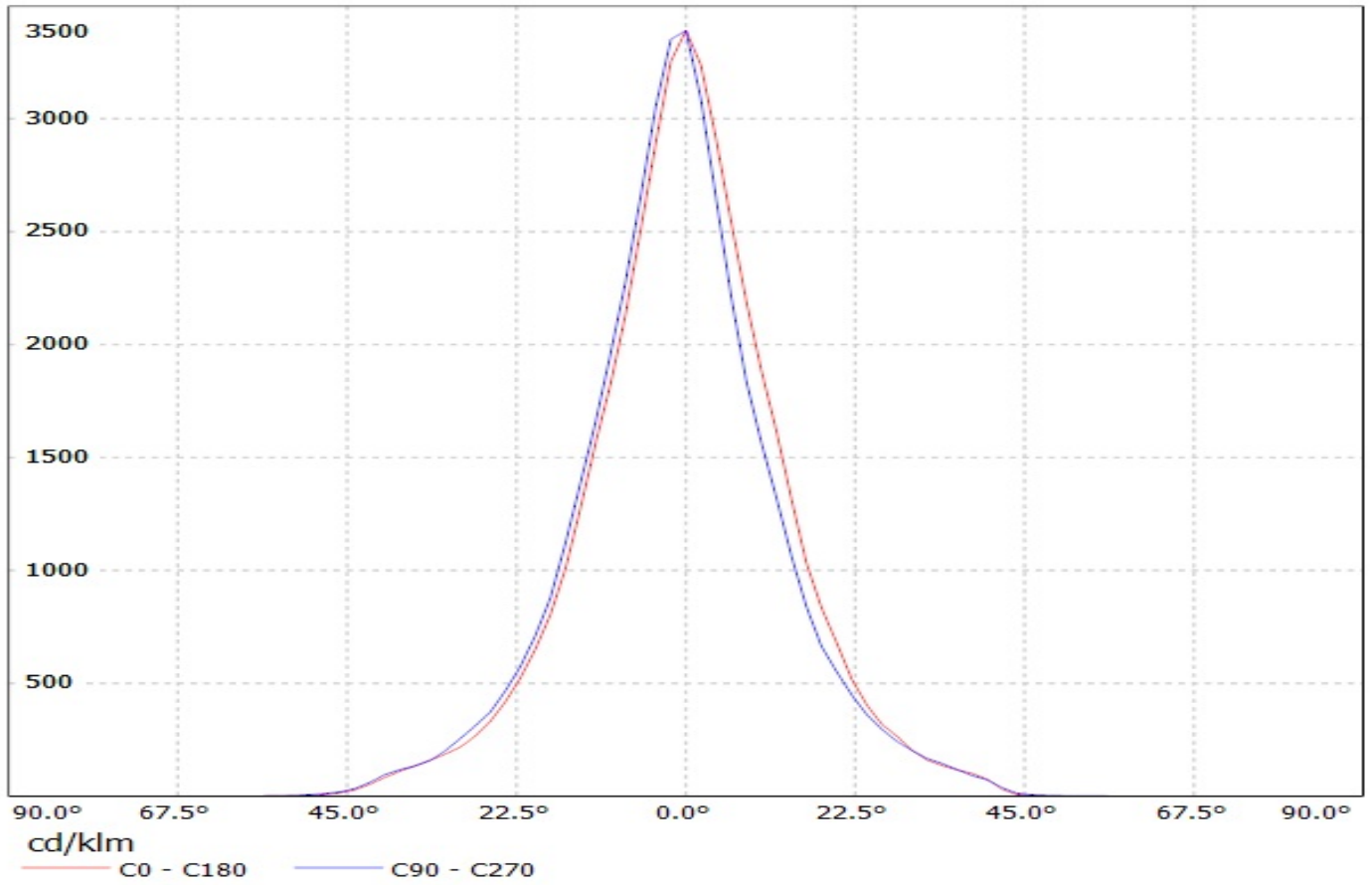
Luminaire: Ledil Oy CN12486_MIRELLA-50-S-PIN-DL (Cree XT-E 113lm @ 250mA) Efficiency=80%
Lamps: 1 x Cree XT-E 113lm @ 250mA



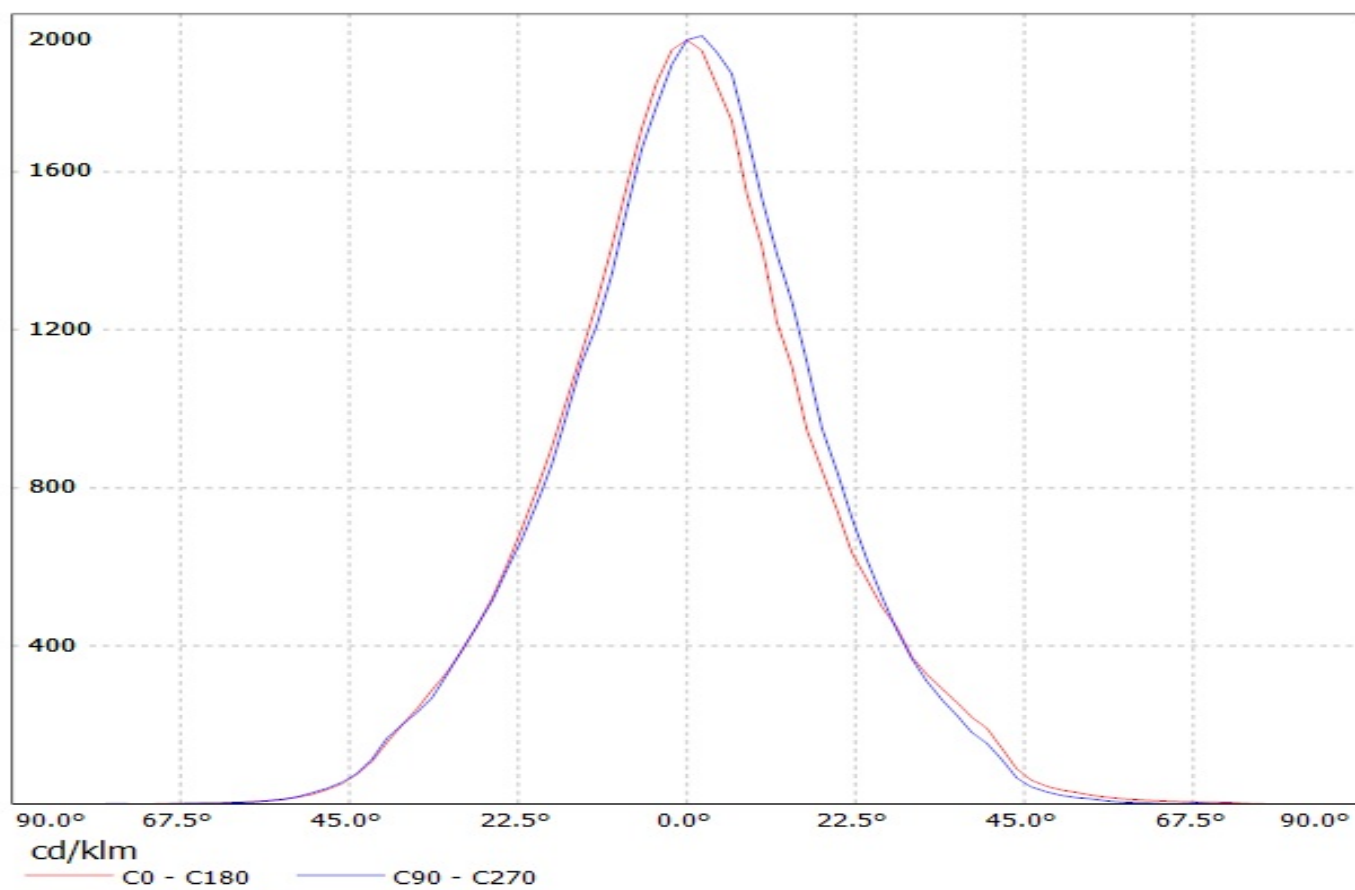
Luminaire: Ledil Oy C12480_MIRELLA-50-S-PIN (Cree XT-E) Efficiency=86%
Lamps: 1 x Cree XT-E (113lm @ 250mA)



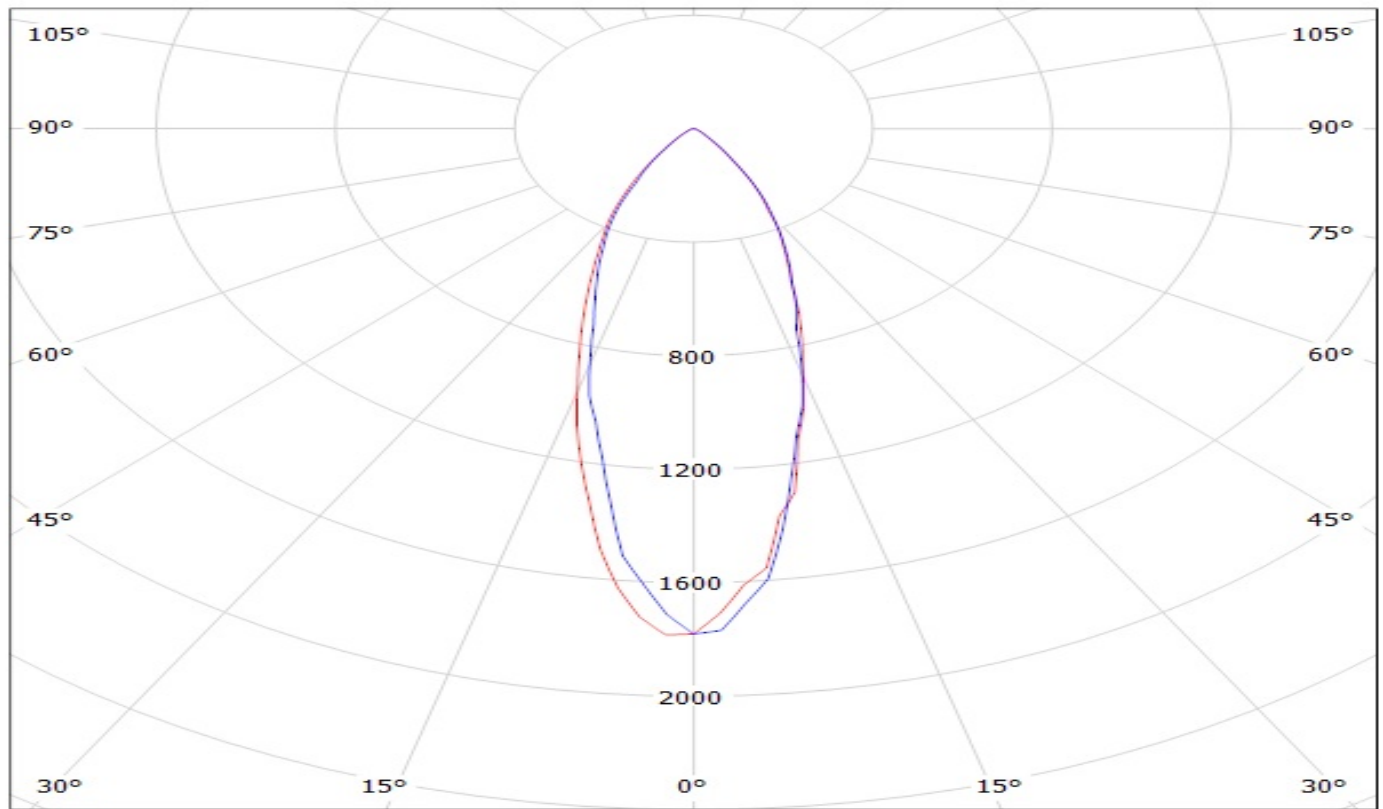
Luminaire: Ledil Oy C12481_MIRELLA-50-M-PIN (Cree XT-E) Efficiency=85%
Lamps: 1 x Cree XT-E 113lm @ 250mA



Luminaire: Ledil Oy C12482_Mirella_50-W-PIN (XT-E) (Cree XT-E 113lm @ 250mA) Efficiency=84%
Lamps: 1 x Cree XT-E 113lm @ 250mA



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Lamps: 1 x Cree XT-E 113lm @ 250mA

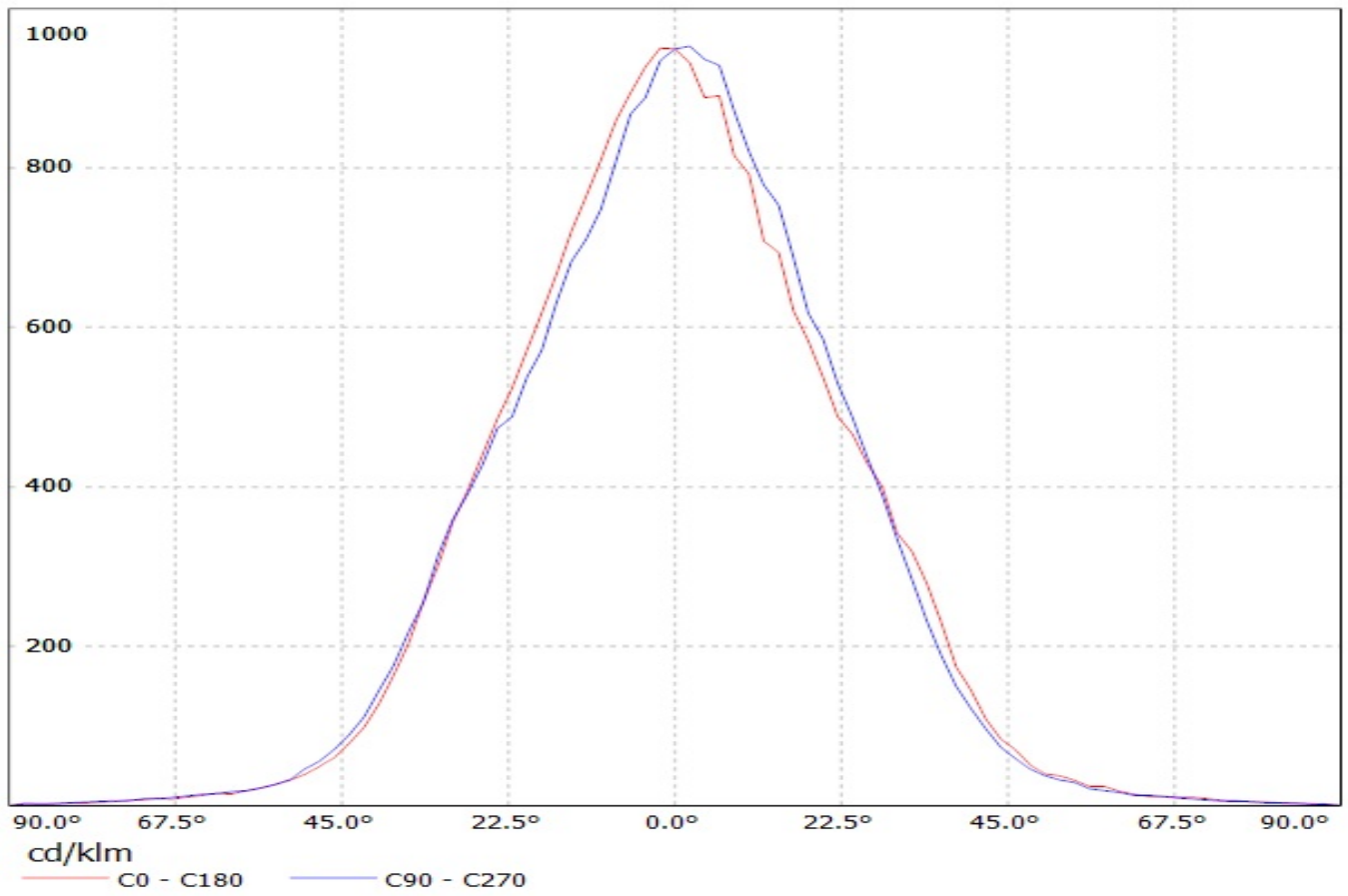


cd/klm

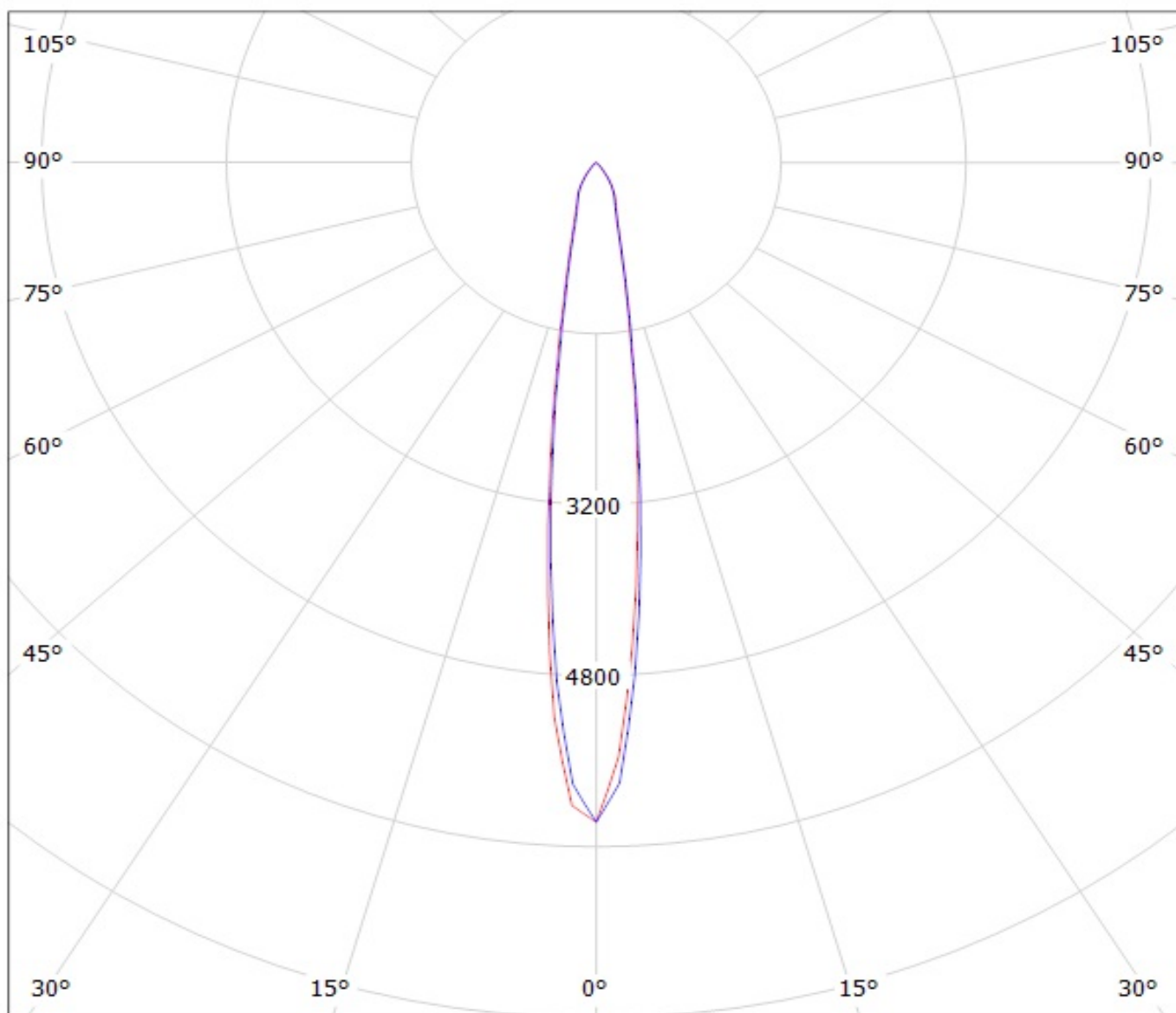
— C0 - C180

— C90 - C270

Luminaire: Ledil Oy CN12488_MIRELLA-50-W-PIN-DL (Cree XT-E 113lm @ 250mA) Efficiency=77%
Lamps: 1 x Cree XT-E 113lm @ 250mA



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Lamps: 1 x Cree XT-E 113lm @ 250mA

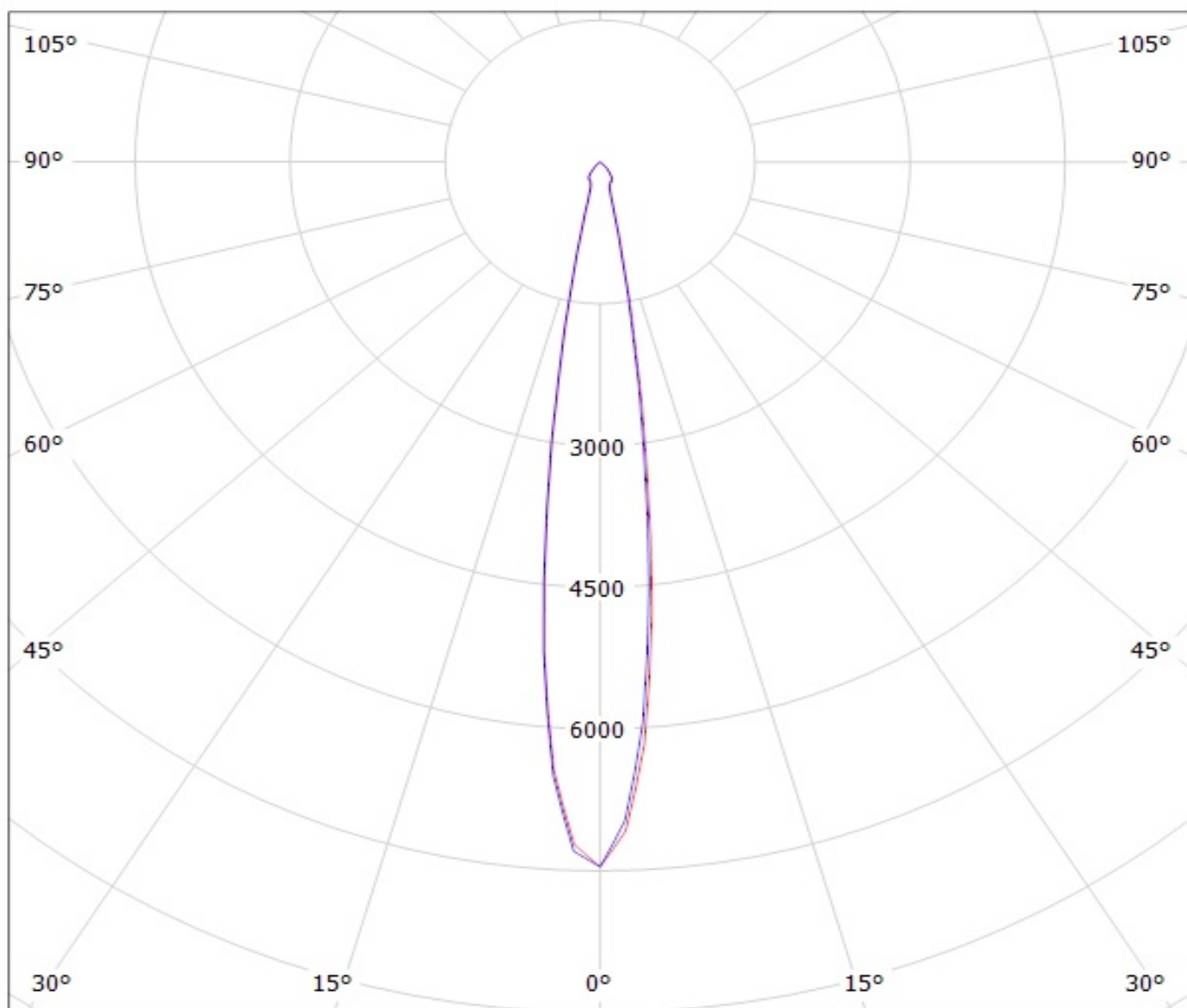


cd/klm

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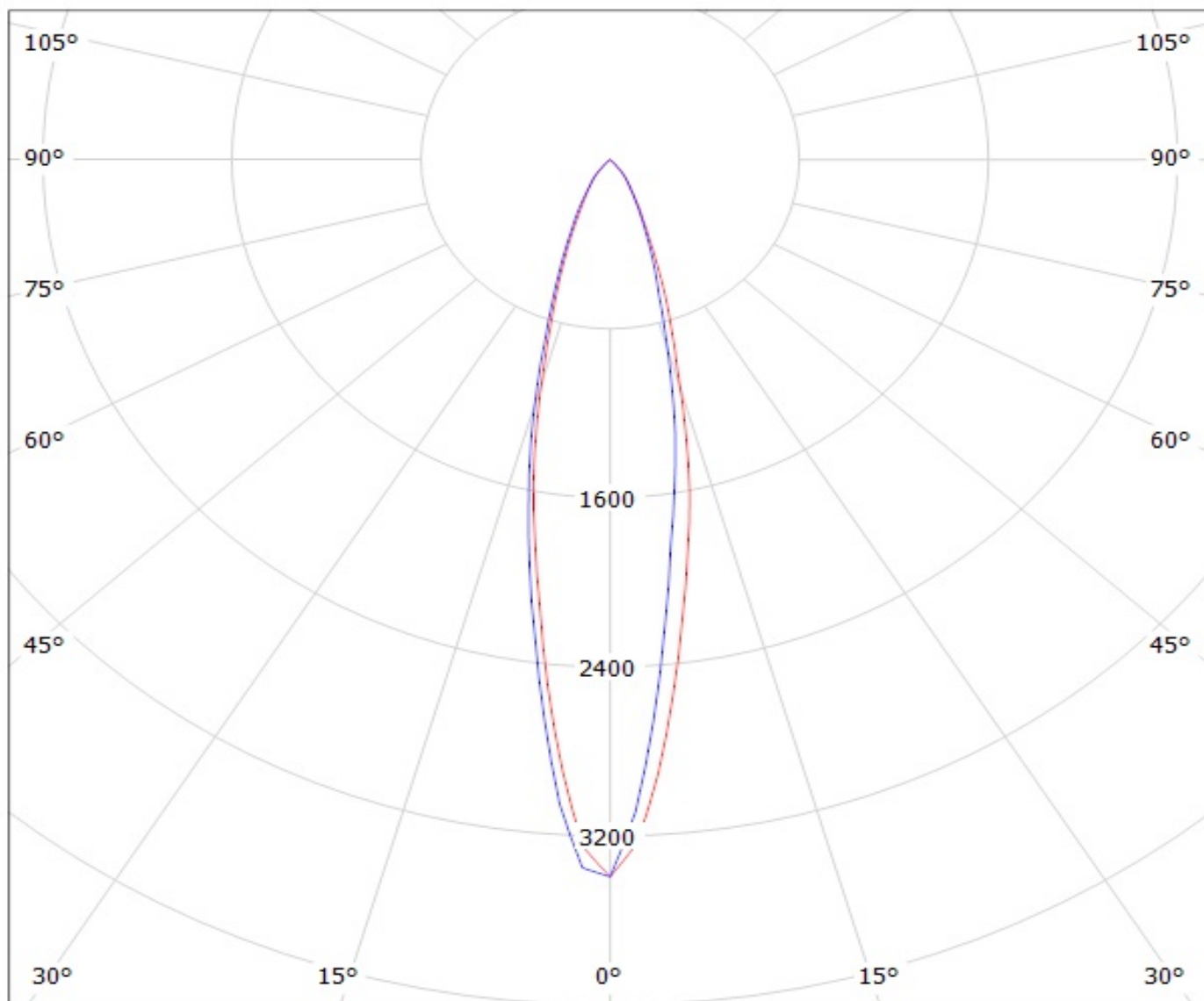


cd/klm

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Luminaire: Ledil Oy C12481_MIRELLA-50-M-PIN (Cree XT-E) Efficiency=85%
Lamps: 1 x Cree XT-E 113lm @ 250mA

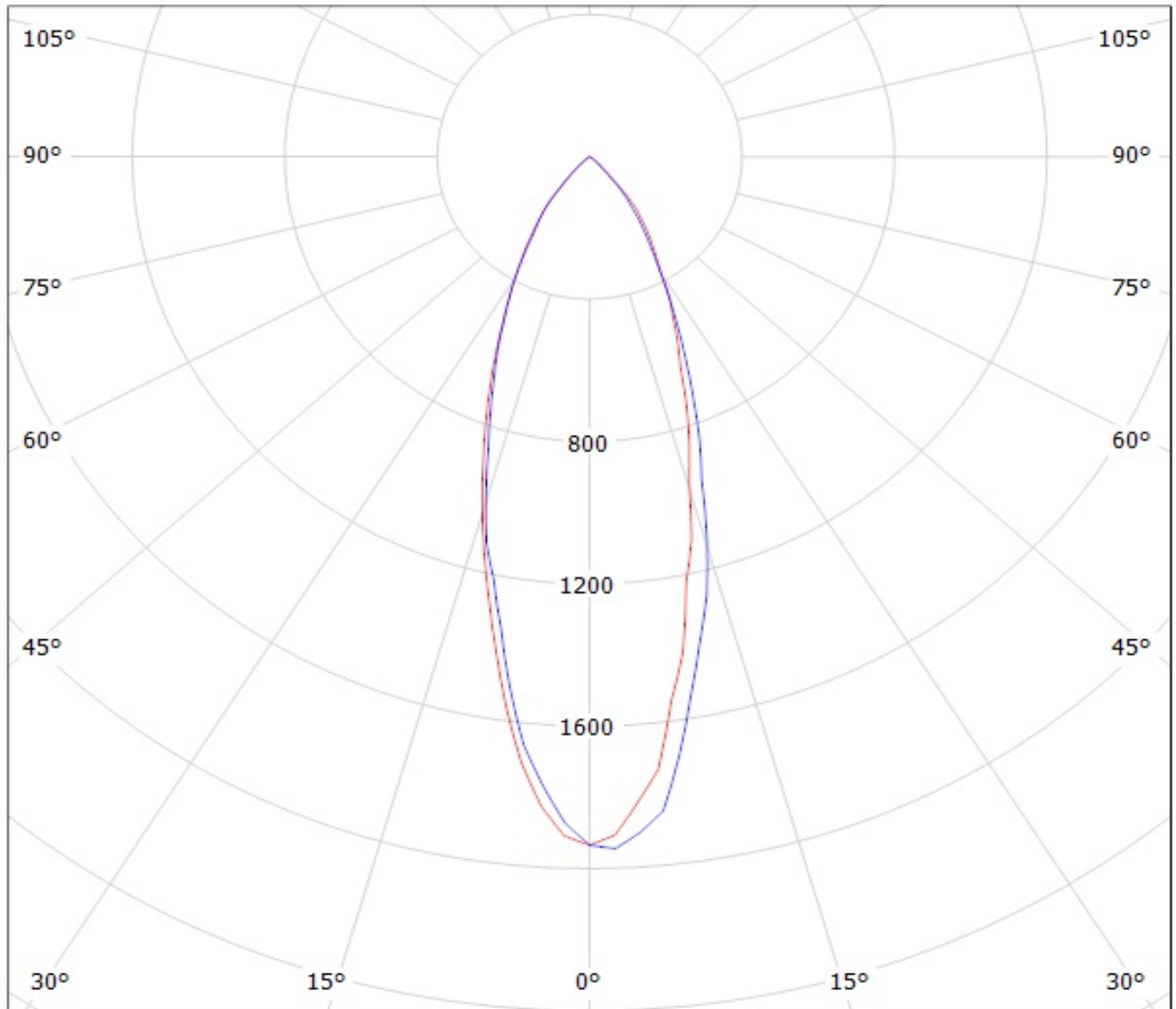


cd/klm

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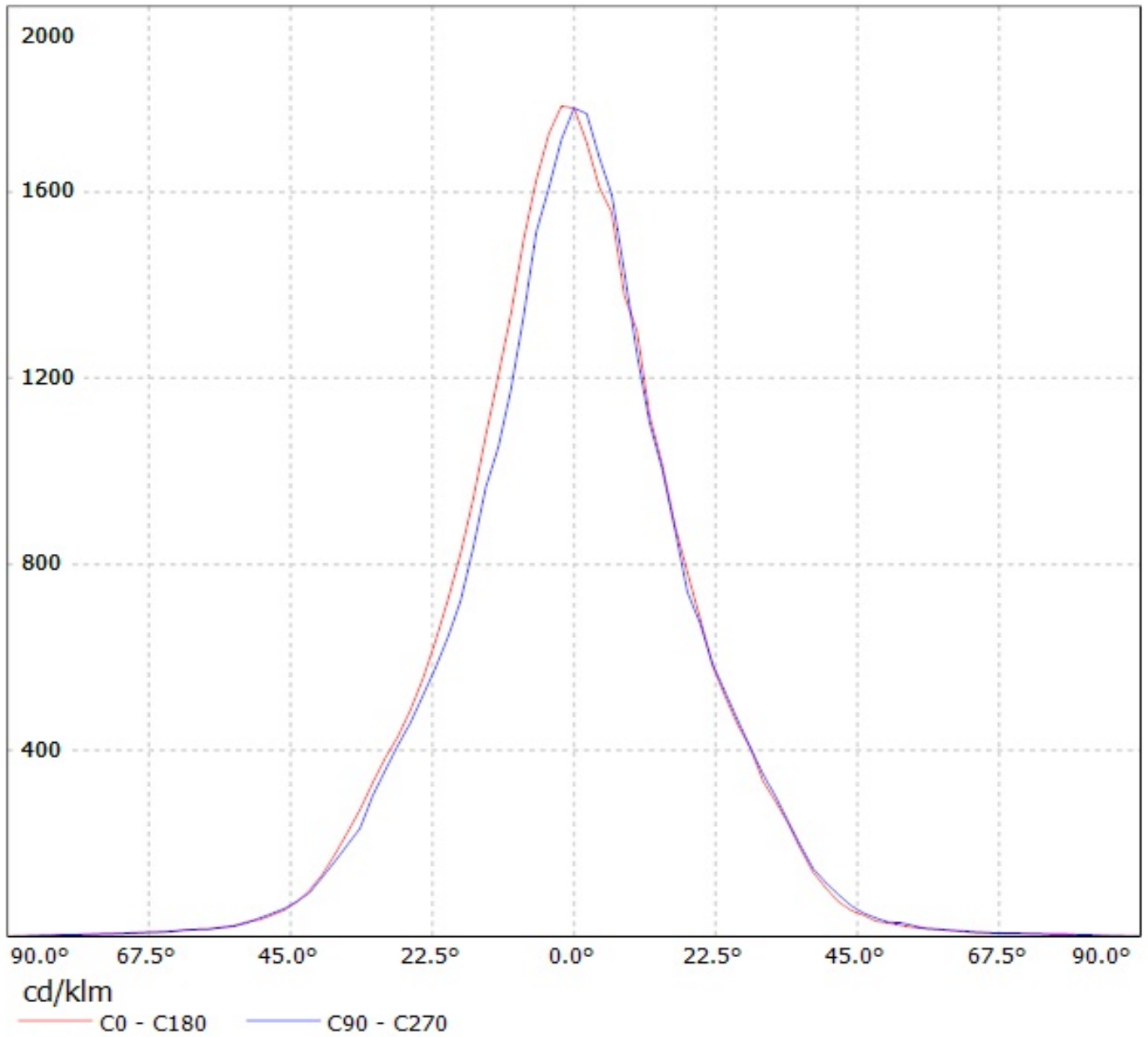


cd/klm

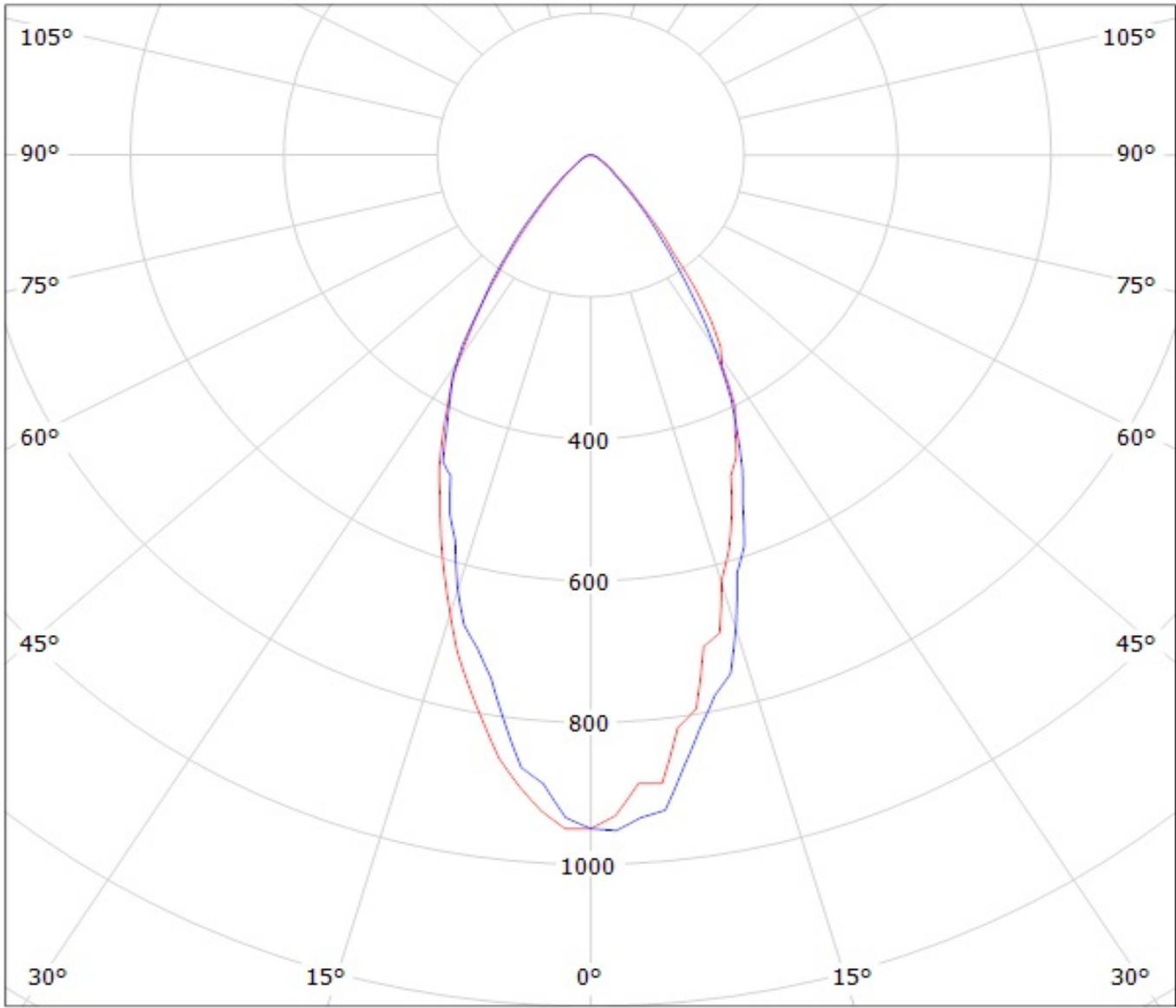
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cd/klm

— C0 - C180 — C90 - C270