

PRODUCT DATASHEET

Tina series

last update 23/2/2017

**Product number CA11171_TINA2-RS**

Family	Tina	FWHM	18 degrees
Type	Assembly	Efficiency	89 %
LED	MX-6	cd/lm	5.200
Color	Black	Gerber File	Available
Diameter	16.1 mm		
Height	11 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	["tape"]		
Status	Production ready		

**Product number CP12682_TINA2-RS**

Family	Tina	FWHM	18 degrees
Type	Assembly	Efficiency	89 %
LED	MX-6	cd/lm	5.200
Color	Black	Gerber File	Available
Diameter	16.1 mm		
Height	11 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	["glue"]		
Status	Production ready		

**Product number CA11172_TINA2-D**

Family	Tina	FWHM	20 degrees
Type	Assembly	Efficiency	-
LED	MX-6	cd/lm	4.000
Color	Black	Gerber File	Available
Diameter	16.1 mm		
Height	11 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	["tape"]		
Status	Production ready		

**Product number CP12683_TINA2-D**

Family	Tina	FWHM	20 degrees
Type	Assembly	Efficiency	86 %
LED	MX-6	cd/lm	4.000
Color	Black	Gerber File	Available
Diameter	16.1 mm		
Height	11 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	["glue"]		
Status	Production ready		

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**Product number CA11174_TINA2-M**

Family	Tina	FWHM	30 degrees
Type	Assembly	Efficiency	83 %
LED	MX-6	cd/lm	2.200
Color	Black	Gerber File	Available
Diameter	16.1 mm		
Height	11 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	["tape"]		
Status	Production ready		

**Product number CP12685_TINA2-M**

Family	Tina	FWHM	30 degrees
Type	Assembly	Efficiency	83 %
LED	MX-6	cd/lm	2.200
Color	Black	Gerber File	Available
Diameter	16.1 mm		
Height	11 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	["glue"]		
Status	Production ready		

**Product number CA11173_TINA2-O**

Family	Tina	FWHM	34+21 degrees
Type	Assembly	Efficiency	85 %
LED	MX-6	cd/lm	2.500
Color	Black	Gerber File	Available
Diameter	16.1 mm		
Height	11 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	["tape"]		
Status	Production ready		

**Product number CA11175_TINA2-W**

Family	Tina	FWHM	40 degrees
Type	Assembly	Efficiency	87 %
LED	MX-6	cd/lm	1.200
Color	Black	Gerber File	Available
Diameter	16.1 mm		
Height	11 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	["tape"]		
Status	Production ready		

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Tina series

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**Product number CP12686_TINA2-W**

Family	Tina	FWHM	40 degrees
Type	Assembly	Efficiency	87 %
LED	MX-6	cd/lm	1.200
Color	Black	Gerber File	Available
Diameter	16.1 mm		
Height	11 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	["glue"]		
Status	Production ready		

Product number CA11176_TINA2-WW

Family	Tina	FWHM	56 degrees
Type	Assembly	Efficiency	(simulated) 90 %
LED	MX-6	cd/lm	0.920
Color	Black	Gerber File	Available
Diameter	16.1 mm		
Height	11 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	["tape"]		
Status	Production 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.



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GENERAL INFORMATION

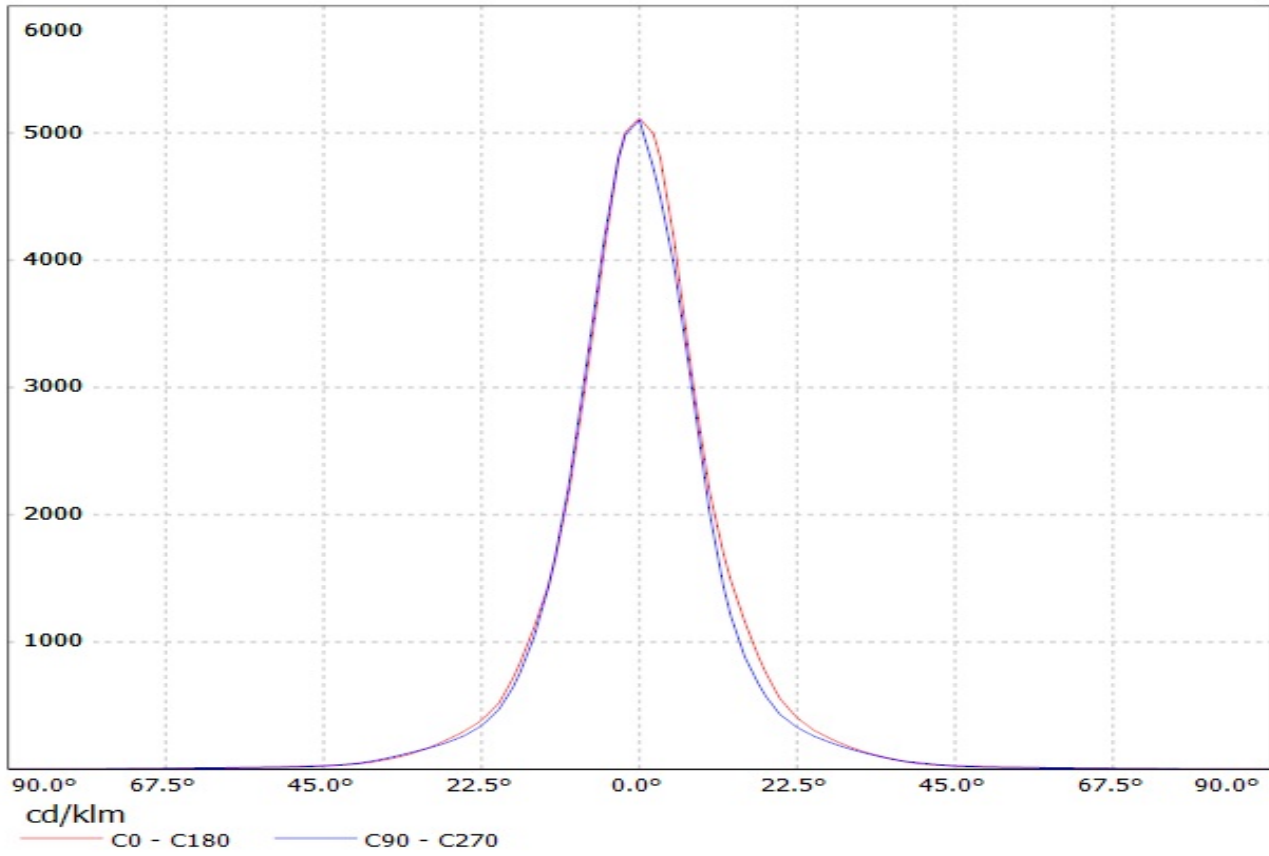
- Product series especially designed & optimized for MX-6 series of LEDs.
- Special care taken to make light distribution as uniform as possible.
- Lens material optical grade PMMA with high UV and temperature resistance. Allows use of high current and temperature conditions.

Please find more information about used material from below:

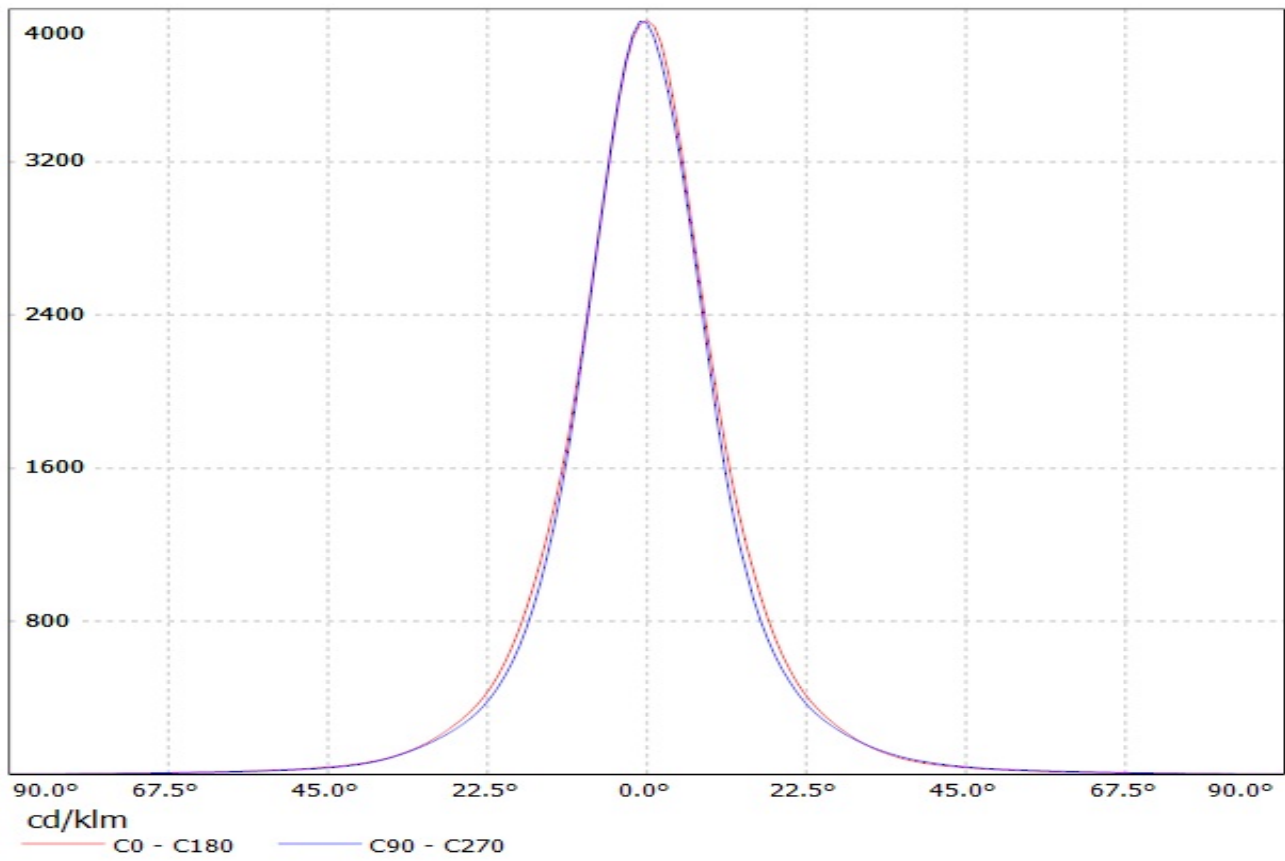
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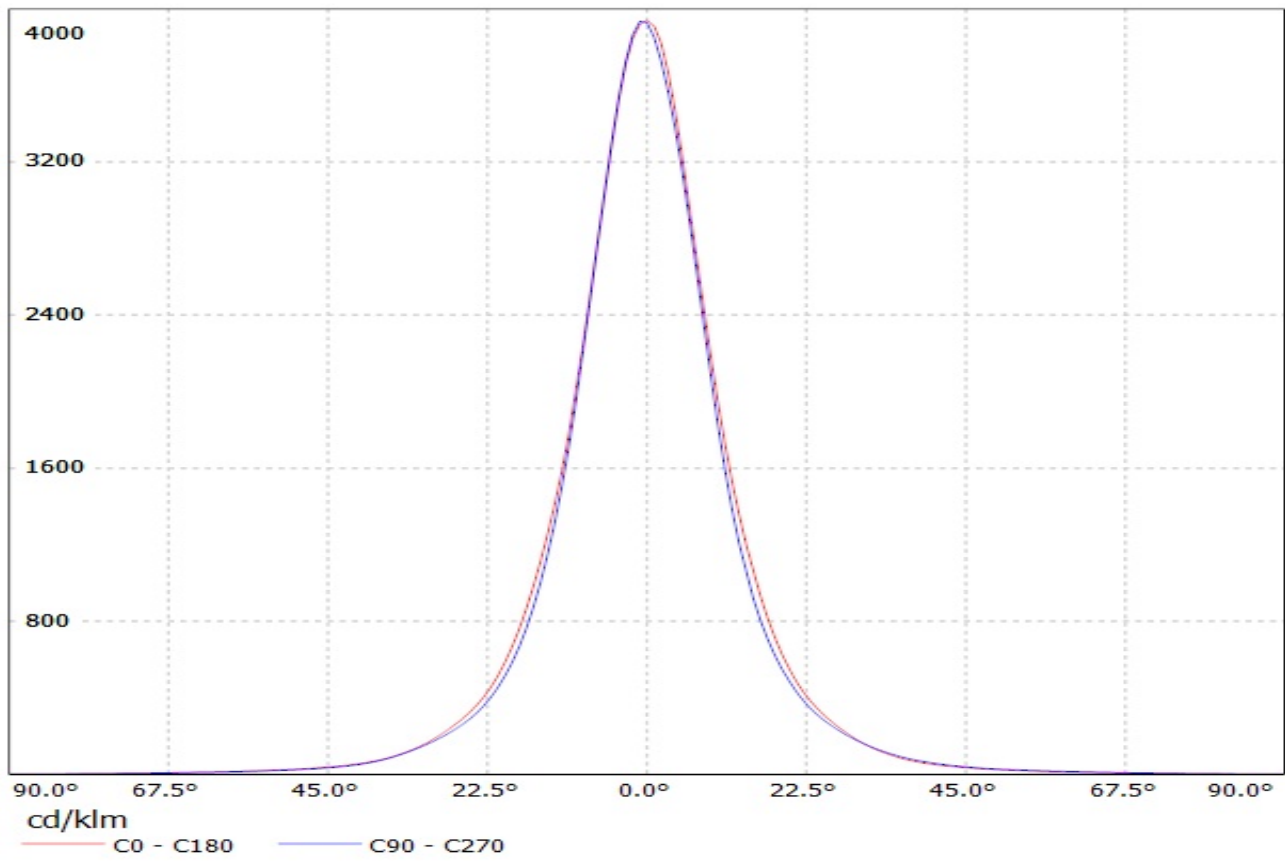
Luminaire: LEDIL OY CP12682_TINA2-RS / CA11171_TINA2-RS (Cree MX-6) Efficiency=89%
Lamps: 1 x Cree MX-6 (67lm @ 250mA)



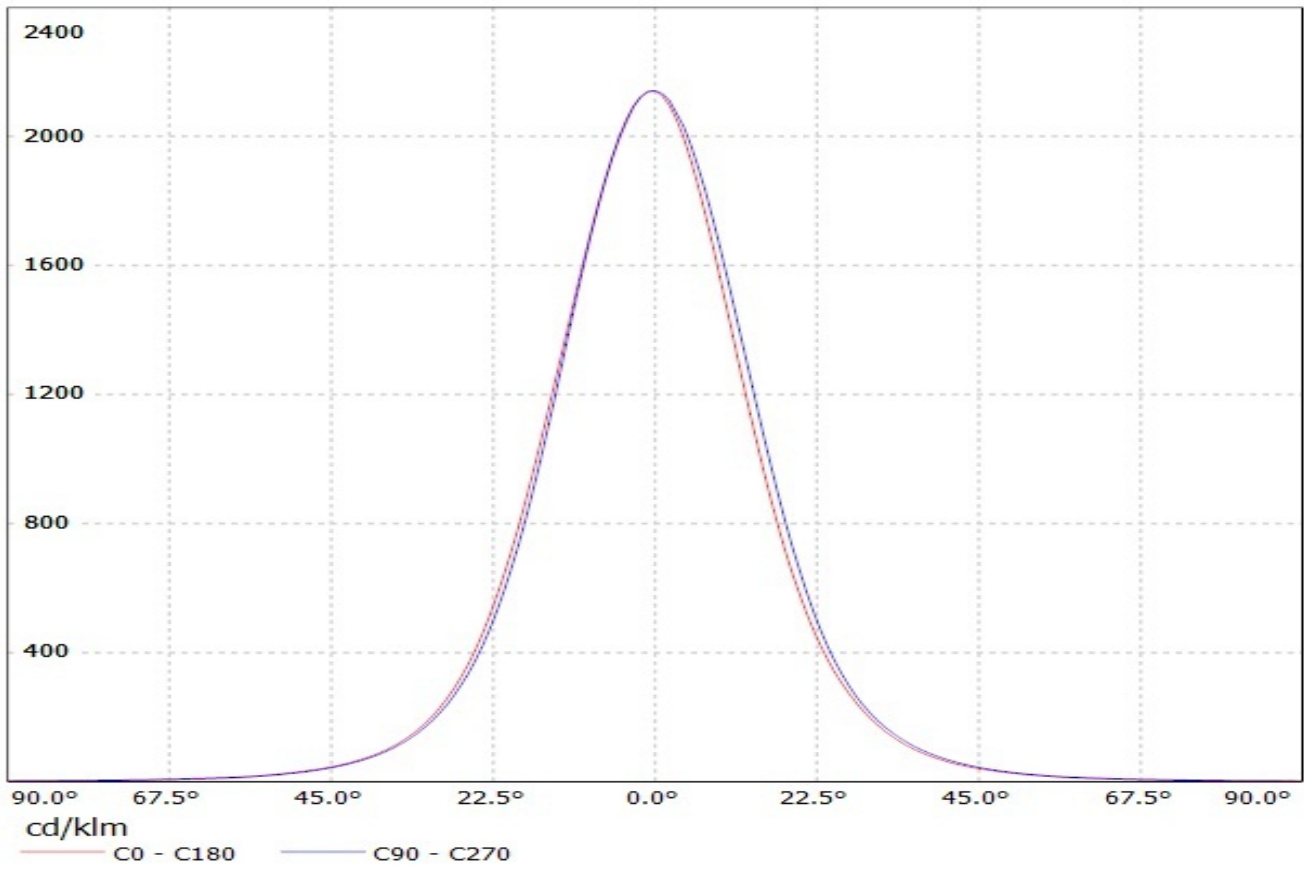
Luminaire: LEDIL OY CP12683_TINA2-D & CA11172_TINA2-D (Cree MX-6) Efficiency=86%
Lamps: 1 x Cree MX-6 (67lm @ 250mA)



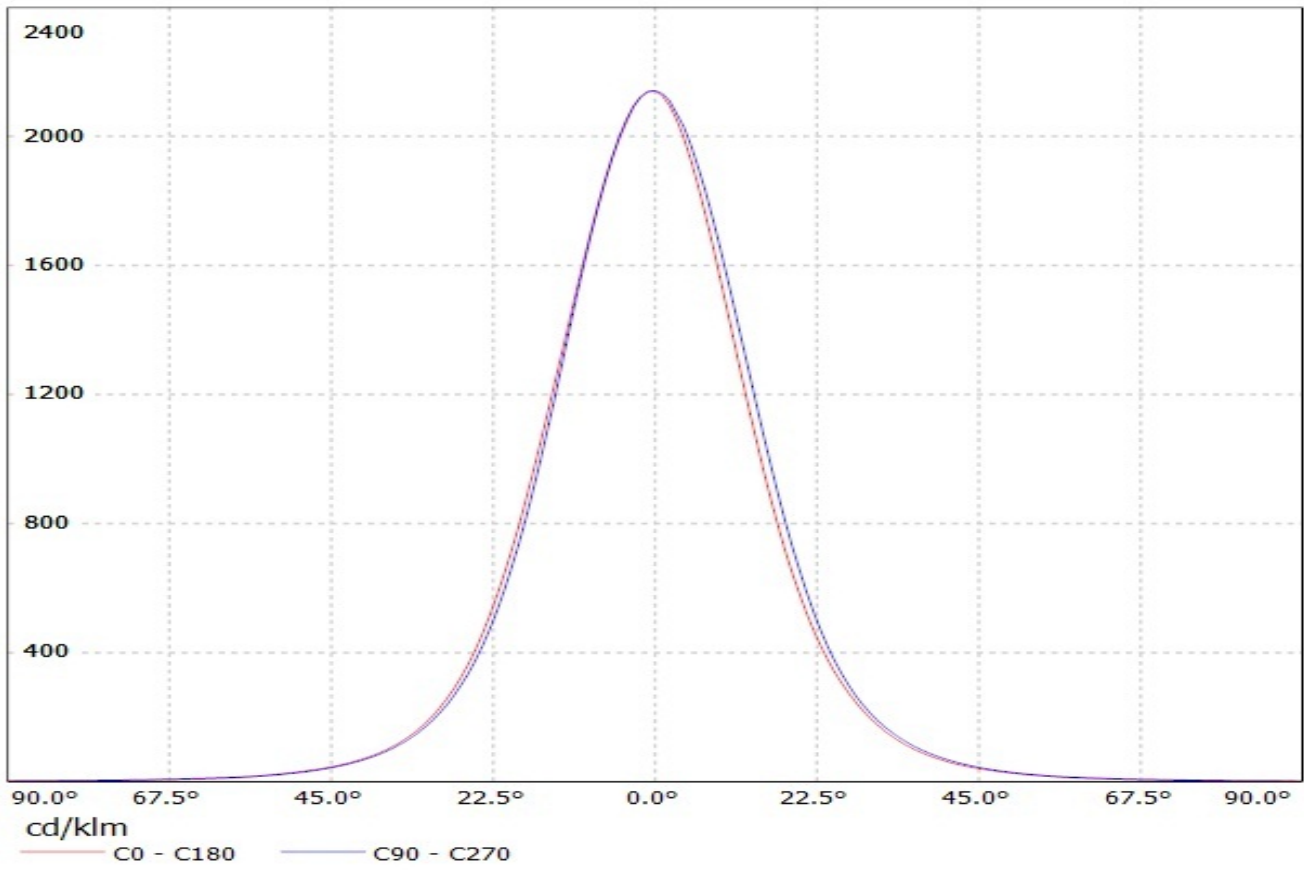
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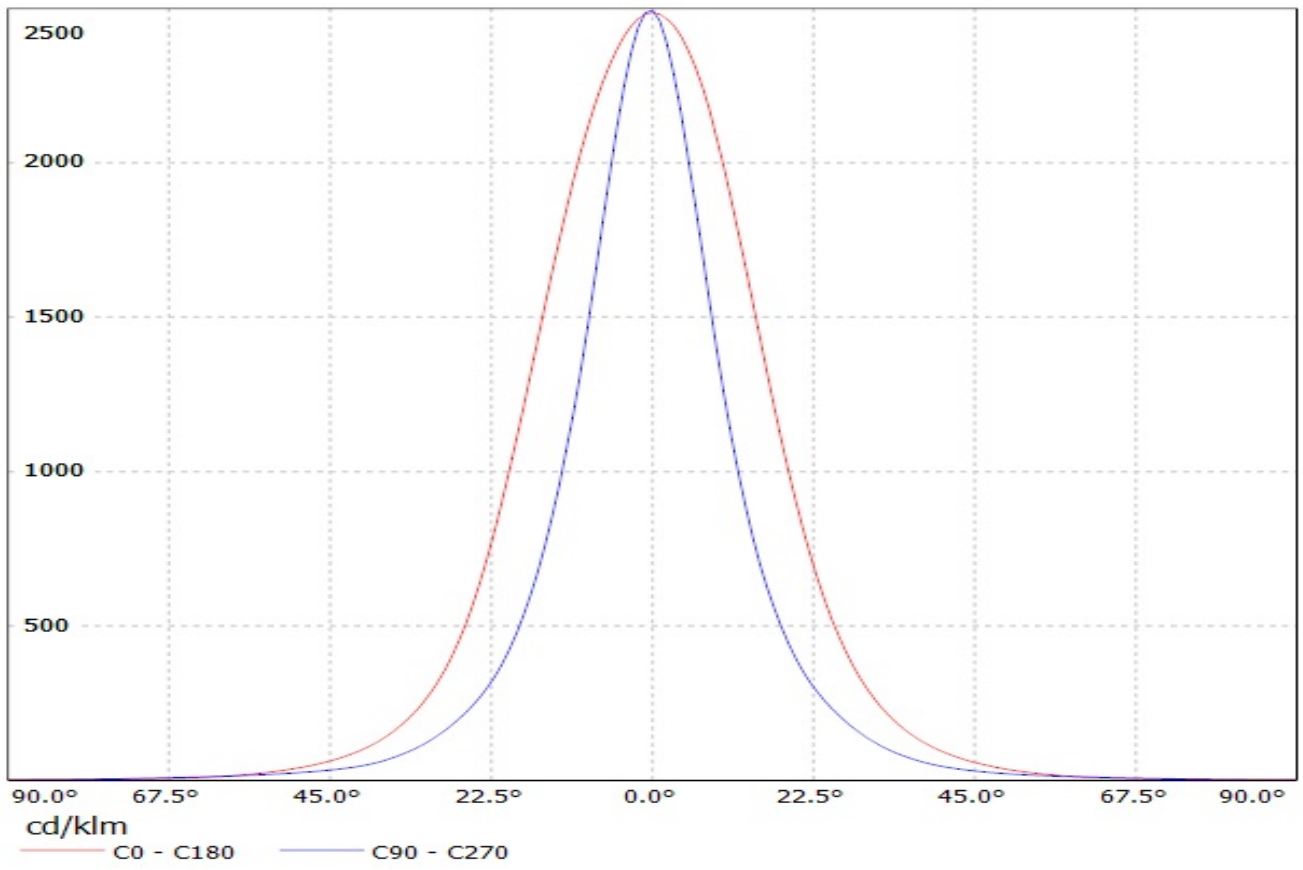
Luminaire: LEDIL OY CP12685_TINA2-M / CA11174_TINA2-M (Cree MX-6) Efficiency=83%
Lamps: 1 x Cree MX-6 (67lm @ 250mA)



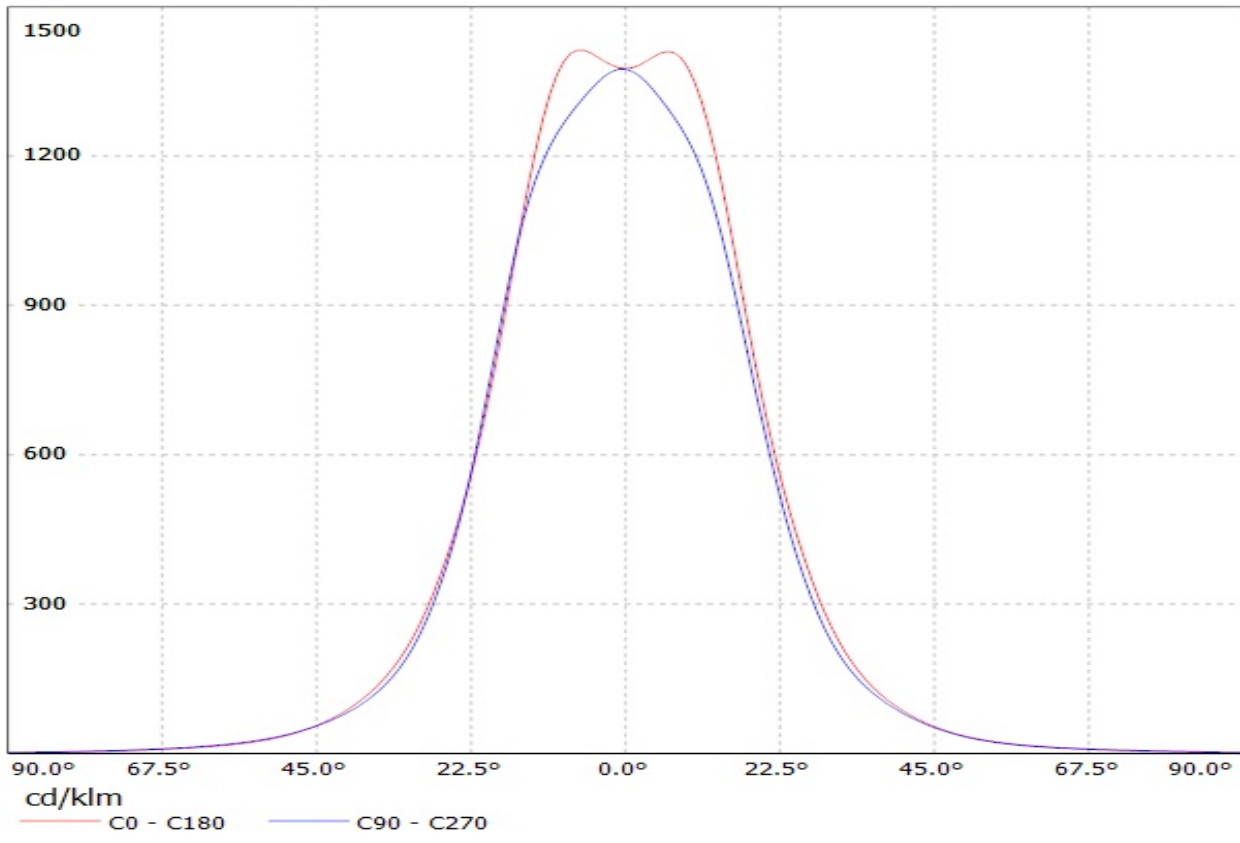
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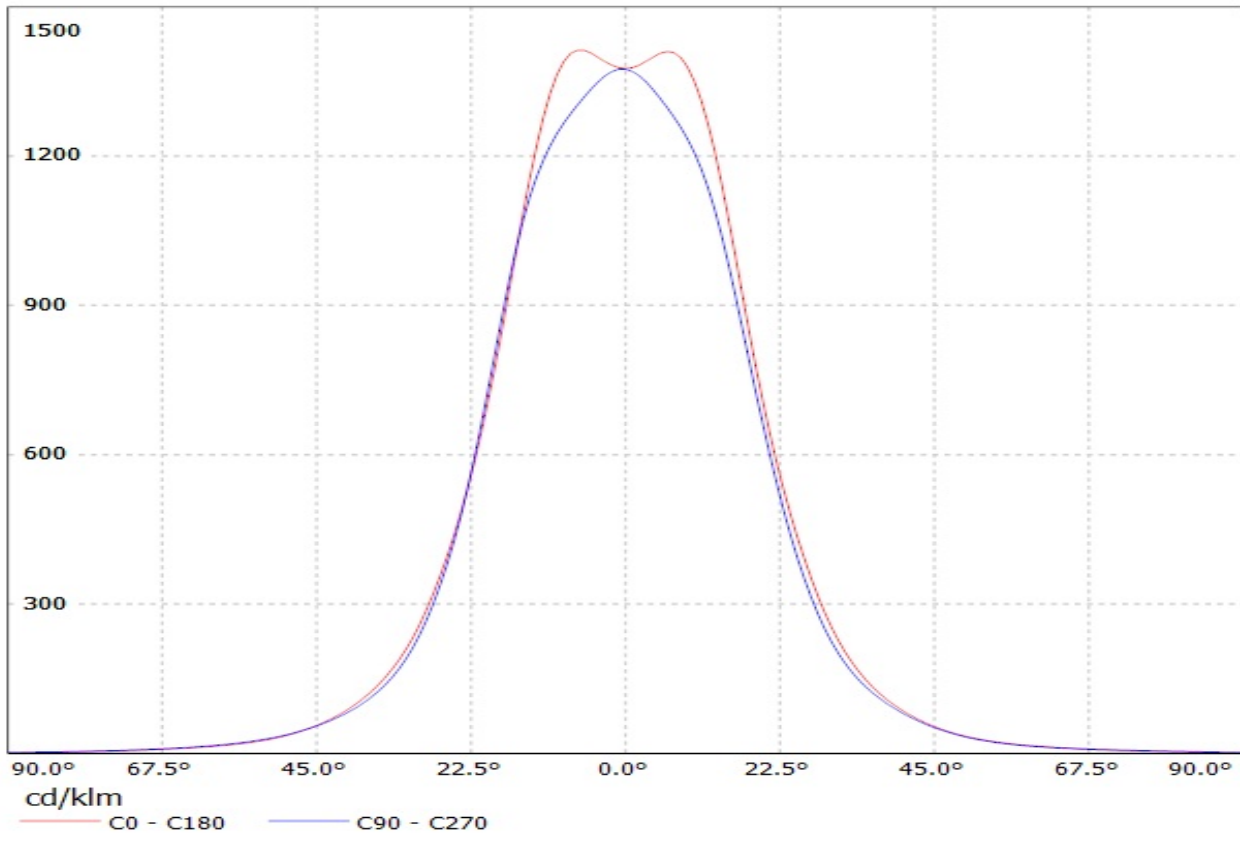
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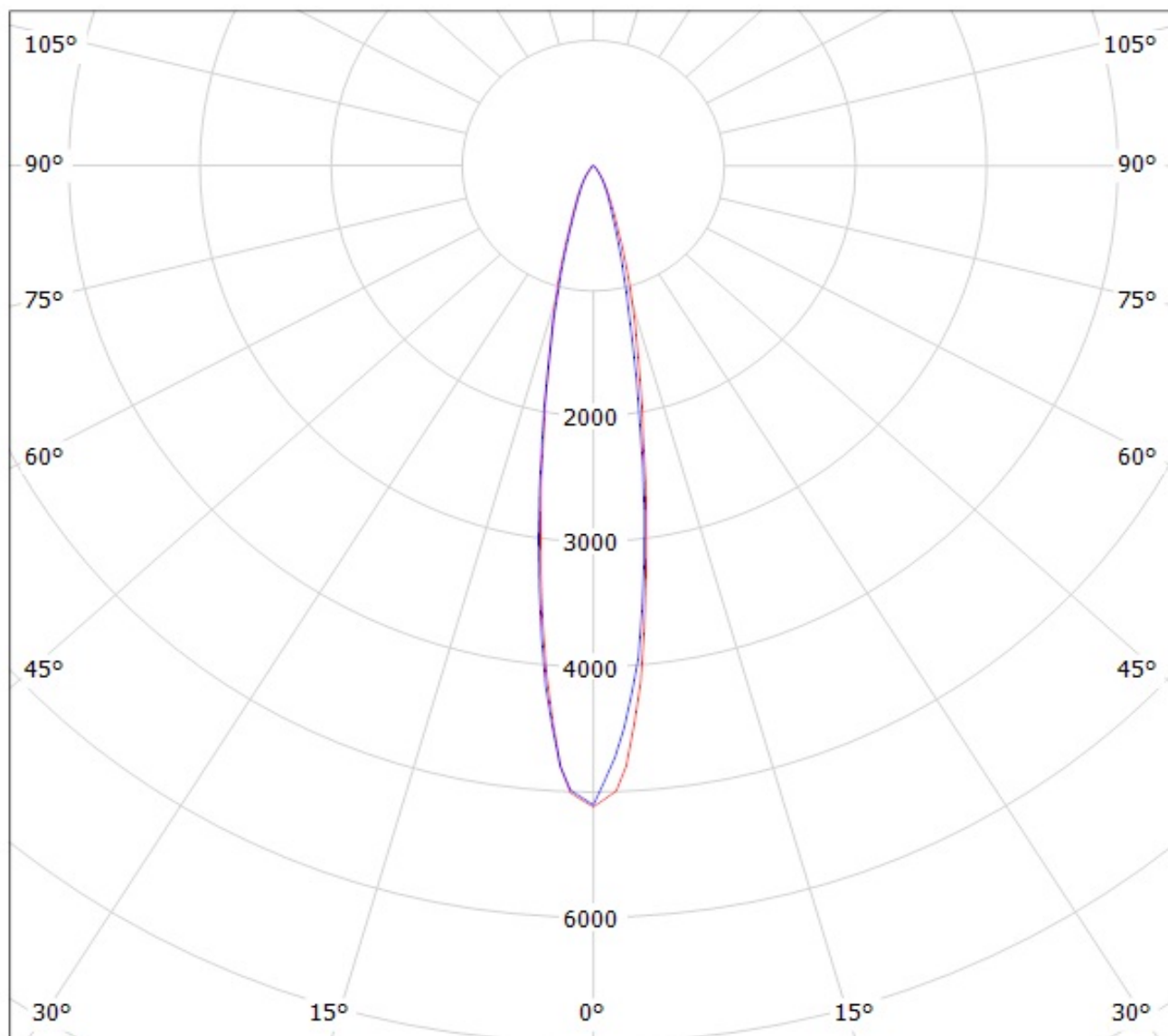
Luminaire: LEDIL OY CP12686_TINA2-W / CA11175_TINA2-W (Cree MX-6) Efficiency=87%
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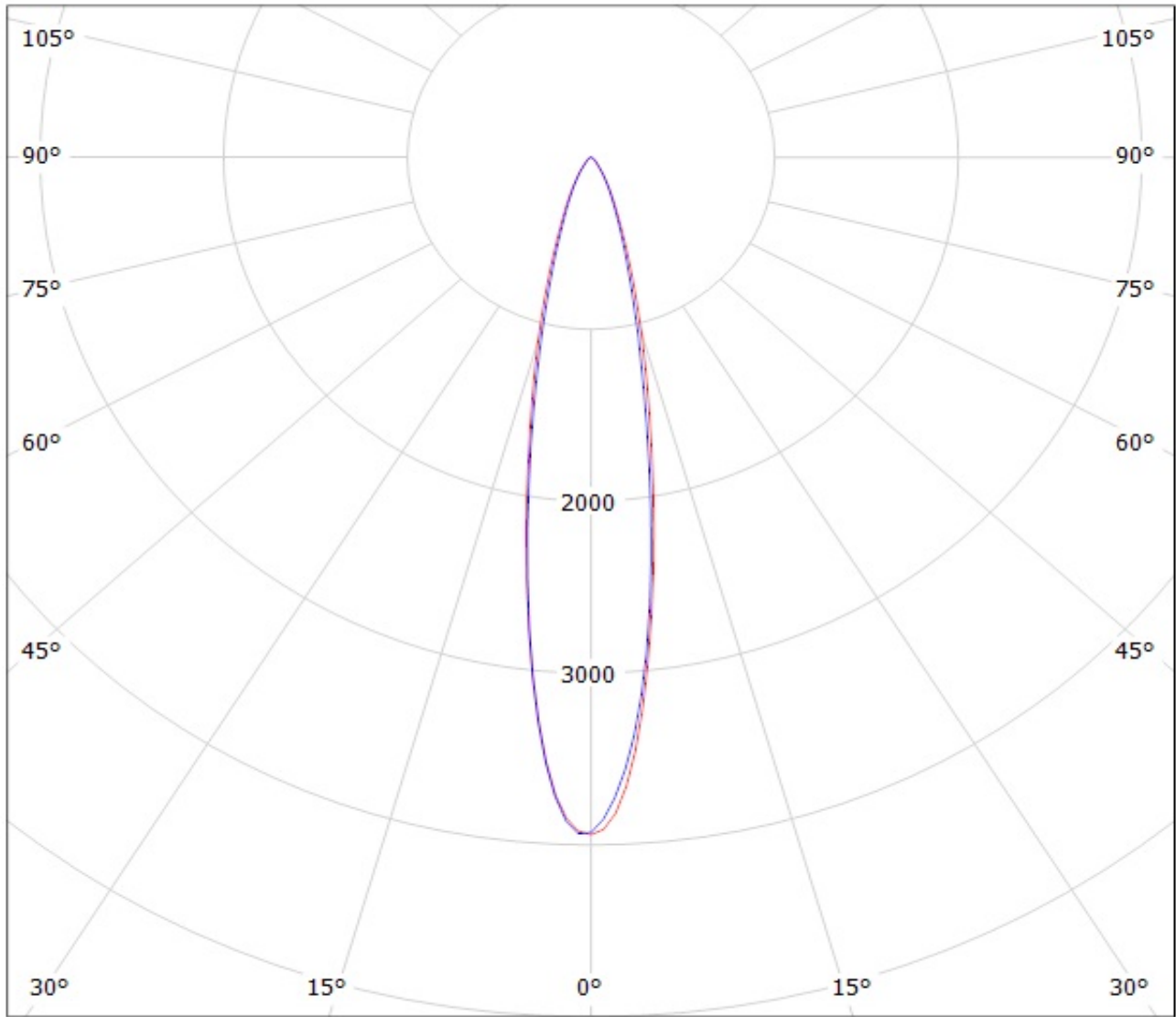


cd/klm

— C0 - C180

— C90 - C270

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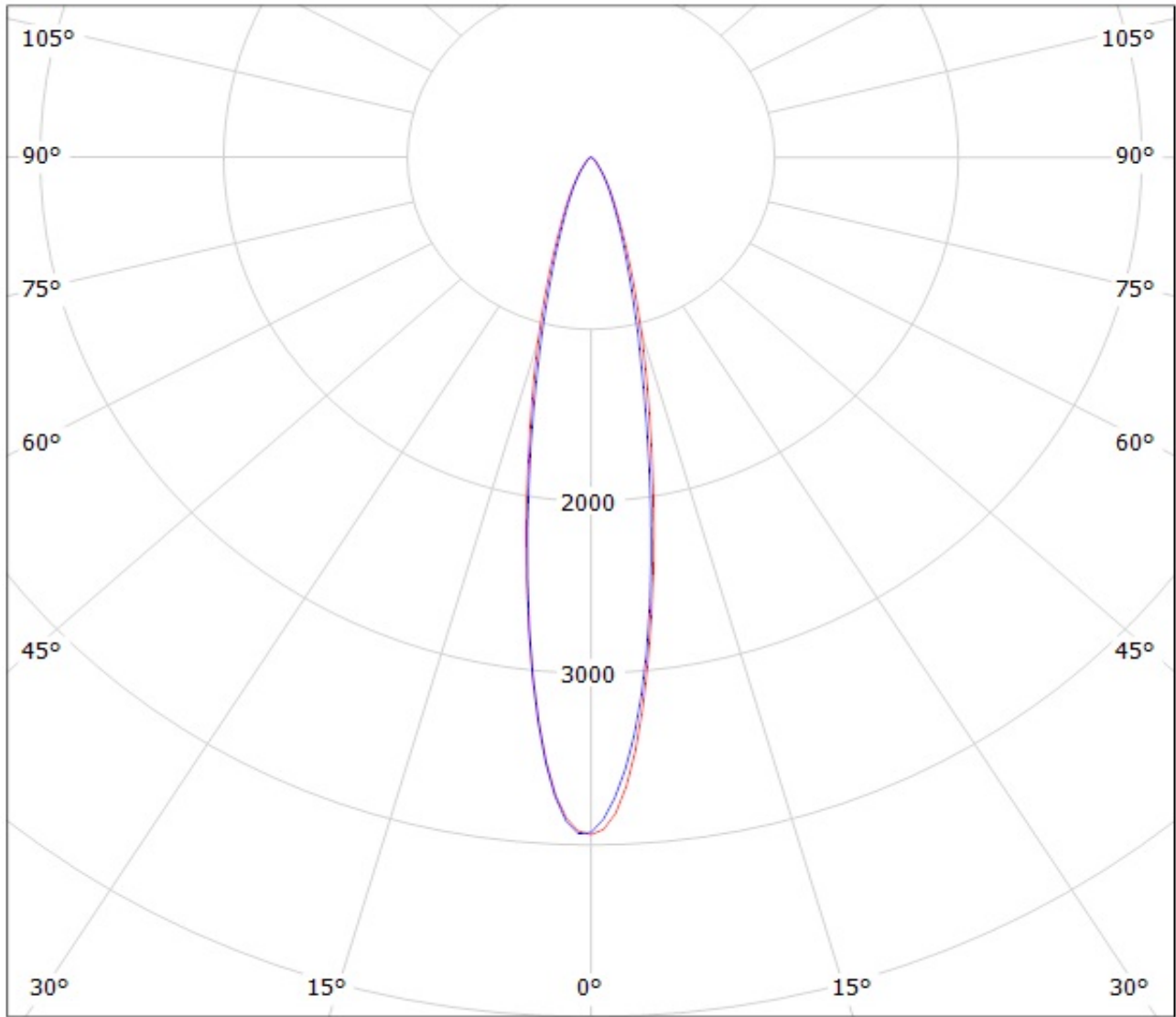


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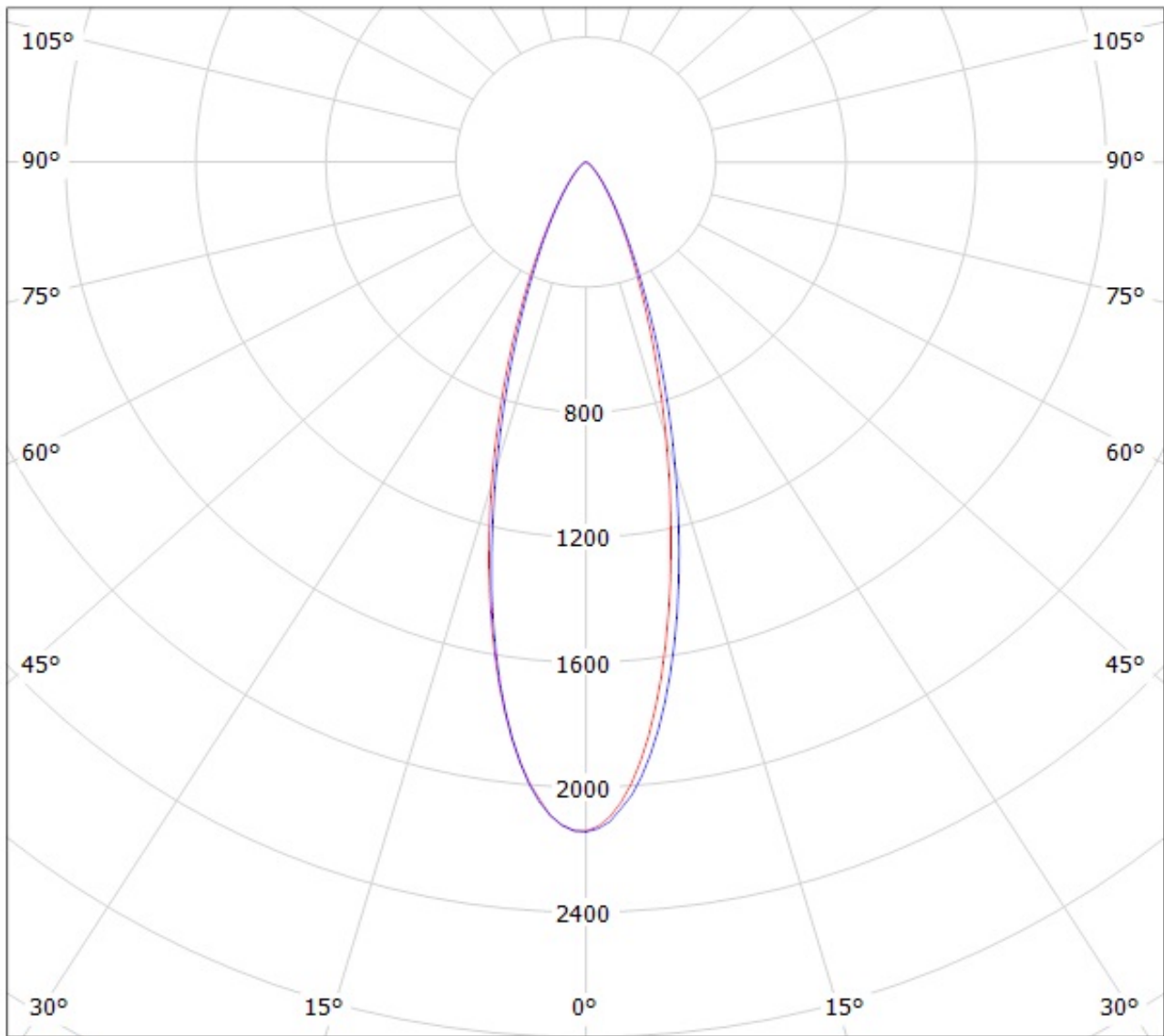


cd/klm

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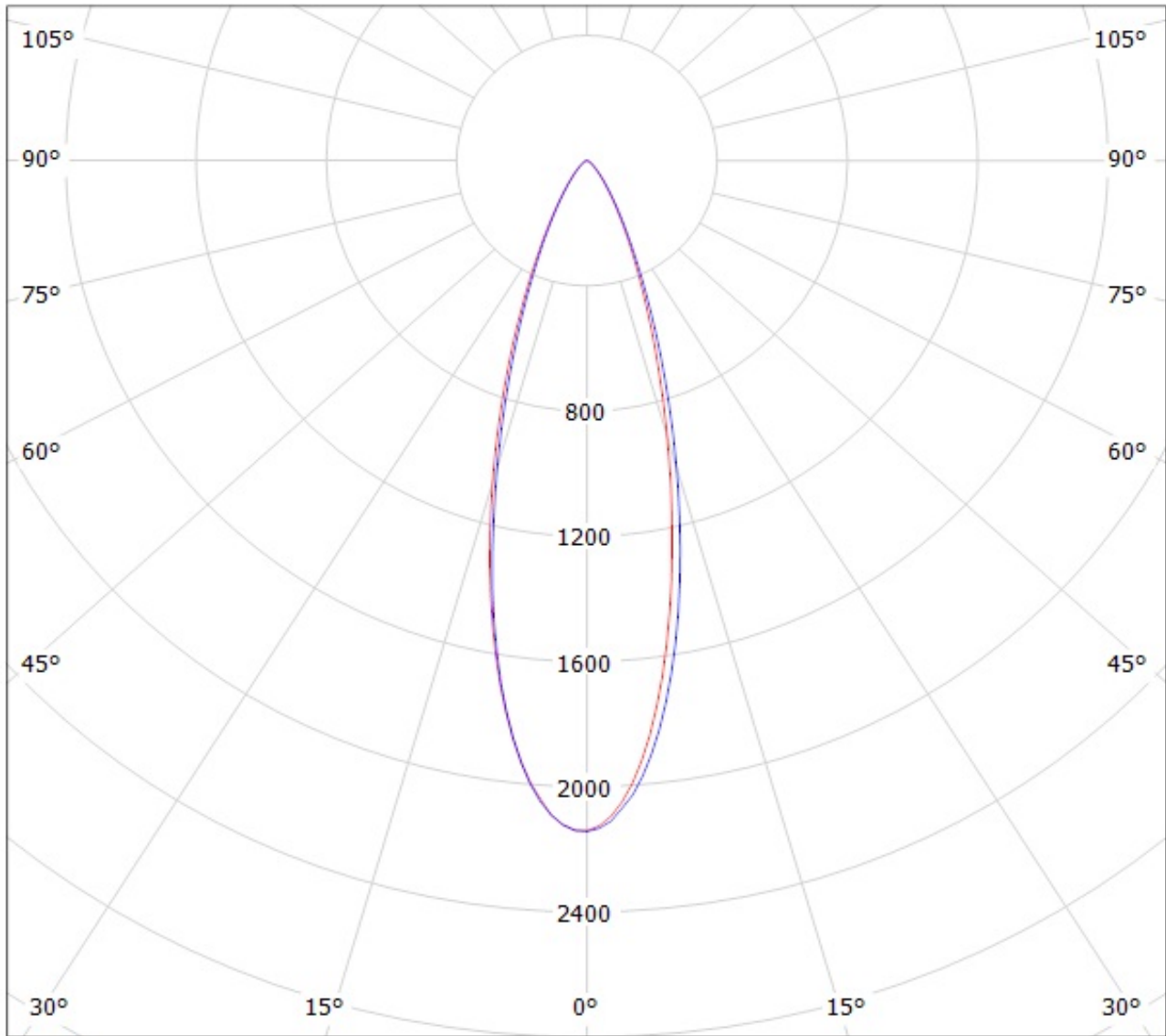


cd/klm

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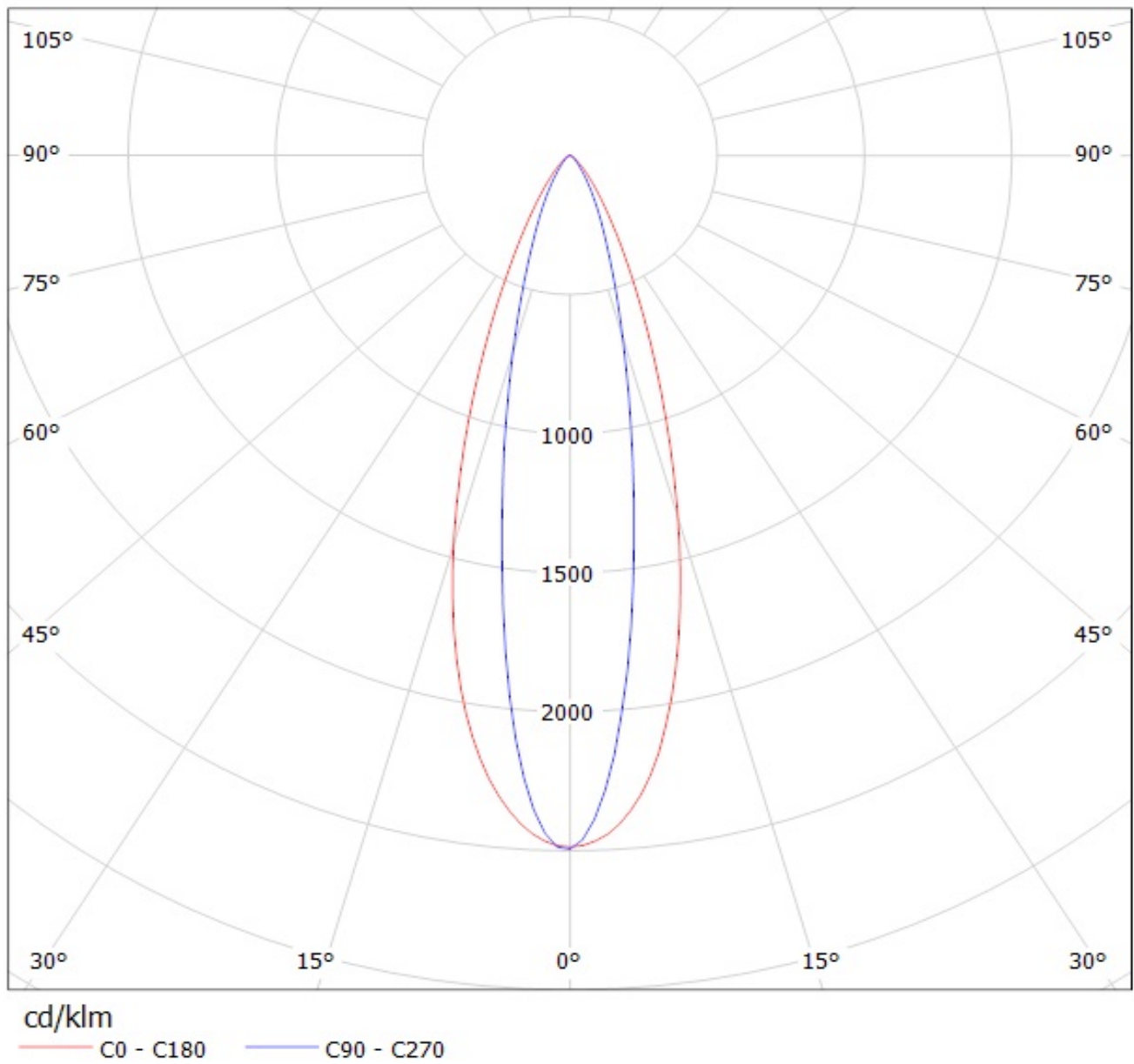


cd/klm

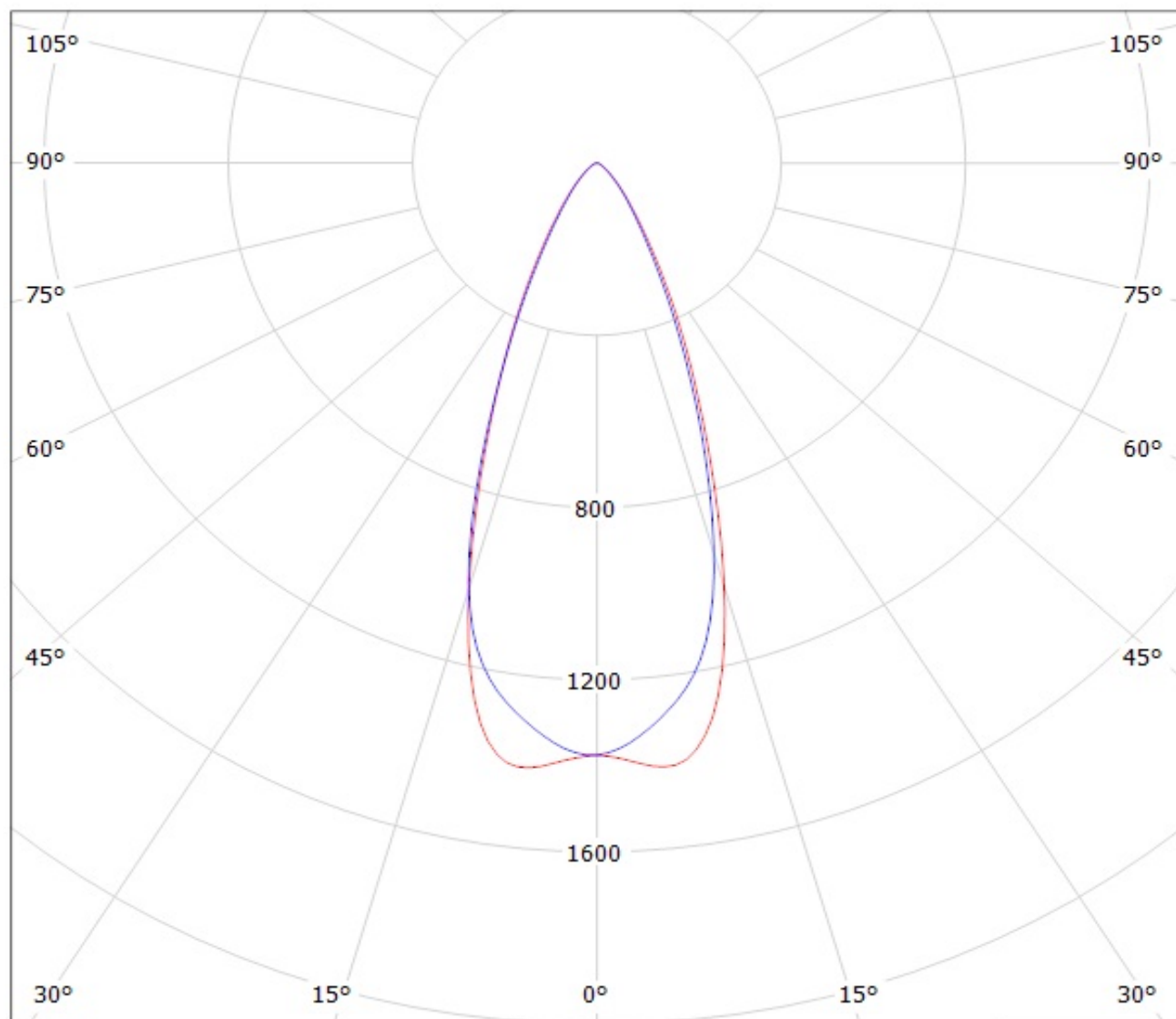
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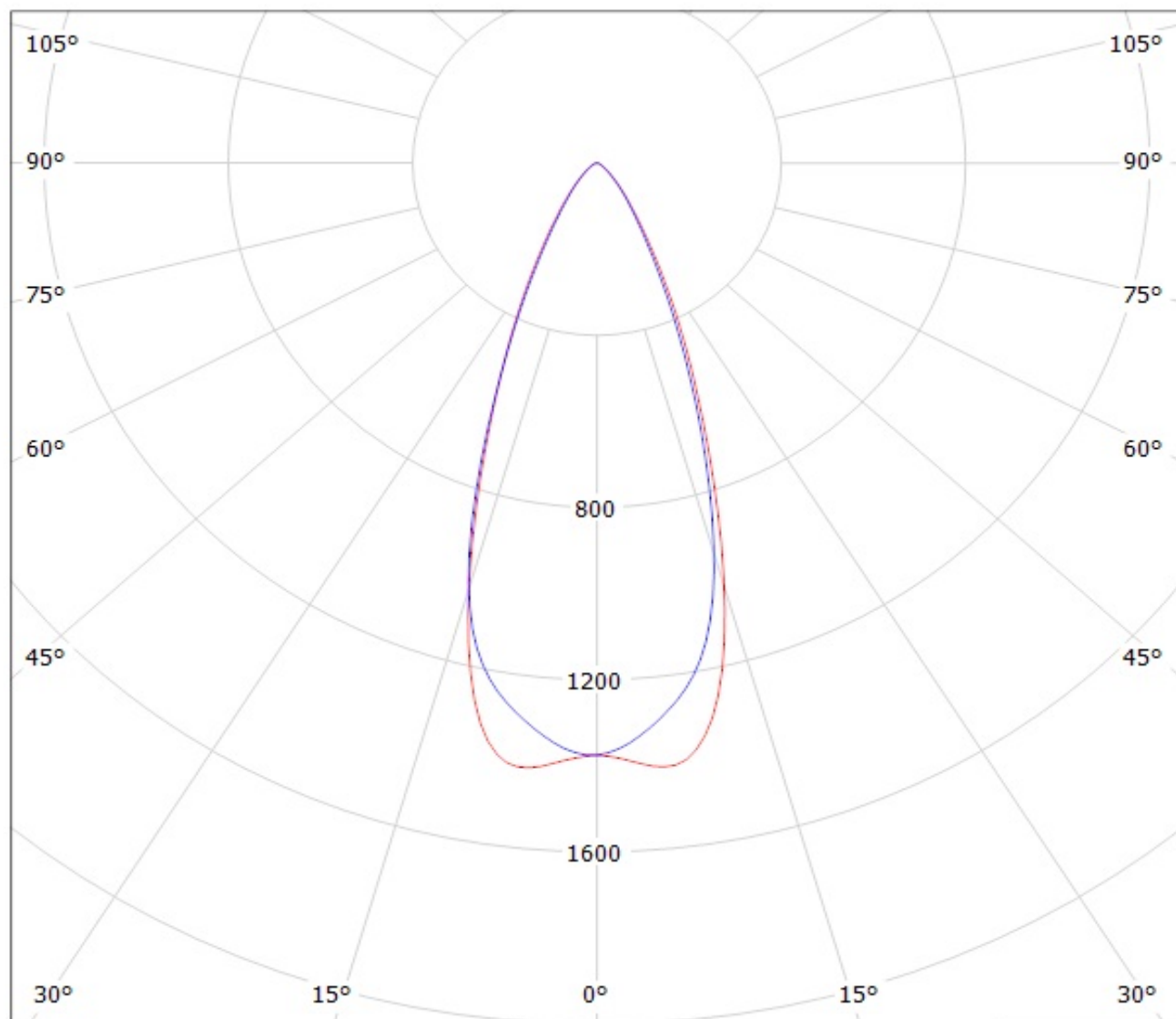


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