


Ordering number CA12764_FLARE-MINI-A

Family	Flare	FWHM	12+92 degrees
Type	Assembly	Efficiency	94 %
LED	XP-E2	cd/lm	2.000
Color	Clear	Gerber File	Available
Diameter	16 mm		
Height	9.1 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	Tape		
Status	Ready		


Ordering number CA13057_FLARE-MINI-AD

Family	Flare	FWHM	90+16 degrees
Type	Assembly	Efficiency	94 %
LED	XP-E2	cd/lm	1.400
Color	Clear	Gerber File	Available
Diameter	16 mm		
Height	9.1 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	Tape		
Status	Ready		


Ordering number CA13058_FLARE-MINI-AD-PIN

Family	Flare	FWHM	90+16 degrees
Type	Assembly	Efficiency	94 %
LED	XP-E2	cd/lm	1.400
Color	Clear	Gerber File	Available
Diameter	16 mm		
Height	9.1 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	Pin, tape		
Status	Ready		


Ordering number CA12838_FLARE-MINI-A-PIN

Family	Flare	FWHM	93+14 degrees
Type	Assembly	Efficiency	94 %
LED	XP-E2	cd/lm	1.800
Color	Clear	Gerber File	Available
Diameter	16 mm		
Height	9.1 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	Pin, tape		
Status	Ready		


Ordering number C13015_FLARE-MINI-AD

Family	Flare	FWHM	93+19 degrees
Type	Lens	Efficiency	94 %
LED	XP-E2	cd/lm	1.300
Color	Clear	Gerber File	Available
Diameter	16 mm		
Height	8.6 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	Glue		
Status	Ready		

Ordering number C13016_FLARE-MINI-AD-PIN

Family	Flare	FWHM	93+19 degrees
Type	Lens	Efficiency	94 %
LED	XP-E2	cd/lm	1.300
Color	Clear	Gerber File	Available
Diameter	16 mm		
Height	8.6 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	Pin, glue		
Status	Ready		

Ordering number C12763_FLARE-MINI-A

Family	Flare	FWHM	94+16 degrees
Type	Lens	Efficiency	94 %
LED	XP-E2	cd/lm	1.600
Color	Clear	Gerber File	Available
Diameter	16 mm		
Height	8.6 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	Glue		
Status	Ready		

Ordering number C12837_FLARE-MINI-A-PIN

Family	Flare	FWHM	94+16 degrees
Type	Lens	Efficiency	94 %
LED	XP-E2	cd/lm	1.600
Color	Clear	Gerber File	Available
Diameter	16 mm		
Height	8.6 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	Pin, glue		
Status	Ready		



PRODUCT DATASHEET

Flare series

last update 26/3/2013

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

Flare series

last update 26/3/2013

GENERAL INFORMATION

- Product series especially designed & optimized for XP-E2 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.

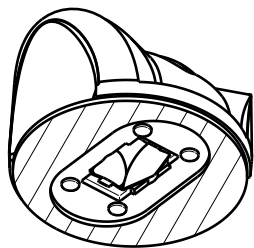
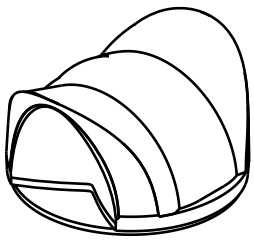
Please find more information about used material from below:

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%20PLEXIGLAS-Datasheet.pdf>

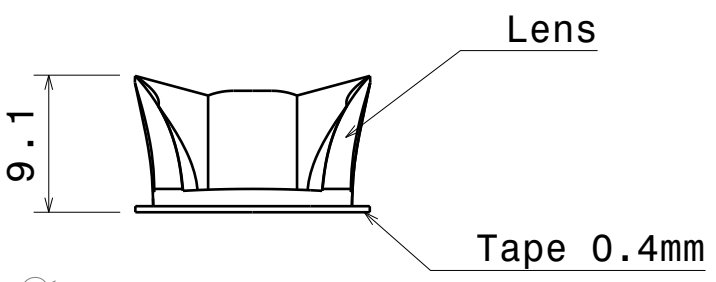
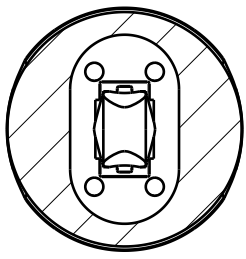
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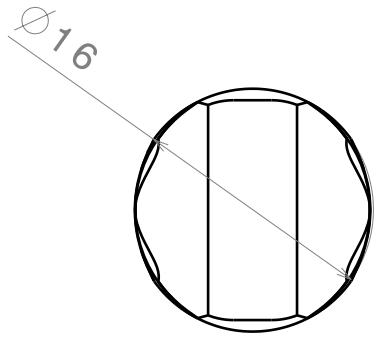
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3



3

2



2

Material:
 Lens: PMMA
 Tape: PU Foam

Tolerances for dimensions:
 0-20mm tolerance value +/-0.1mm
 21-45mm tolerance value +/-0.2mm
 46-90mm tolerance value +/-0.3mm
 91-100mm tolerance value +/-0.4mm
 101-mm tolerance value +/-0.5mm

Note:
 Must use external positioning
 over light source.

1

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Ledil Oy
 Salorankatu 10
 FIN 24240 SALO
 Finland

DRAWING TITLE

Datasheet Flare-Mini-A Assy

DRAWN BY
 pv

DATE
 03.04.2012

CHECKED BY
 pl

DATE
 02.04.2012

SIZE
 A4

DRAWING NUMBER
 CA12764

REV
 1

DESIGNED BY
 pl

DATE
 27.02.2012

SCALE 2:1

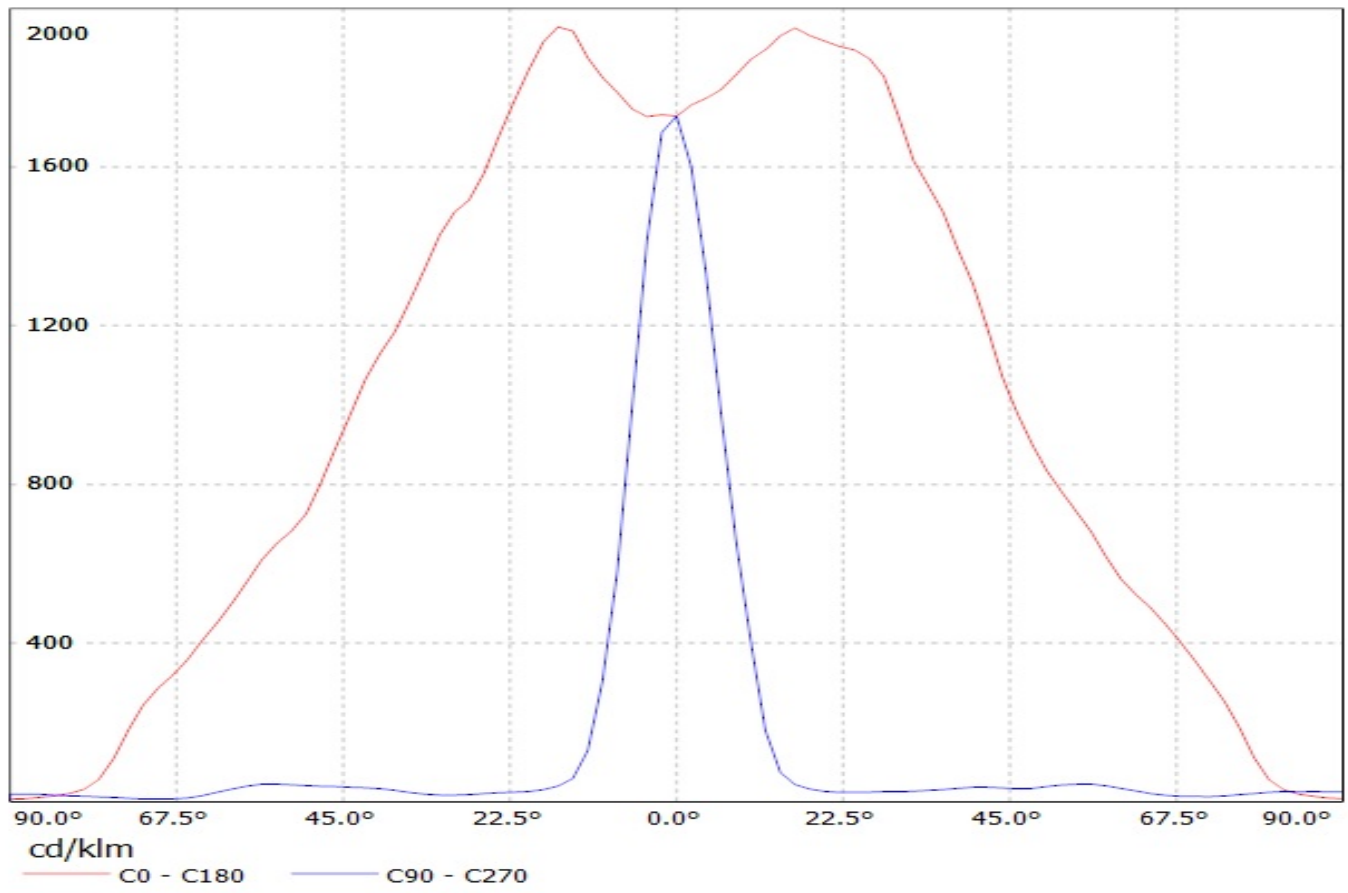
WEIGHT (g)

SHEET

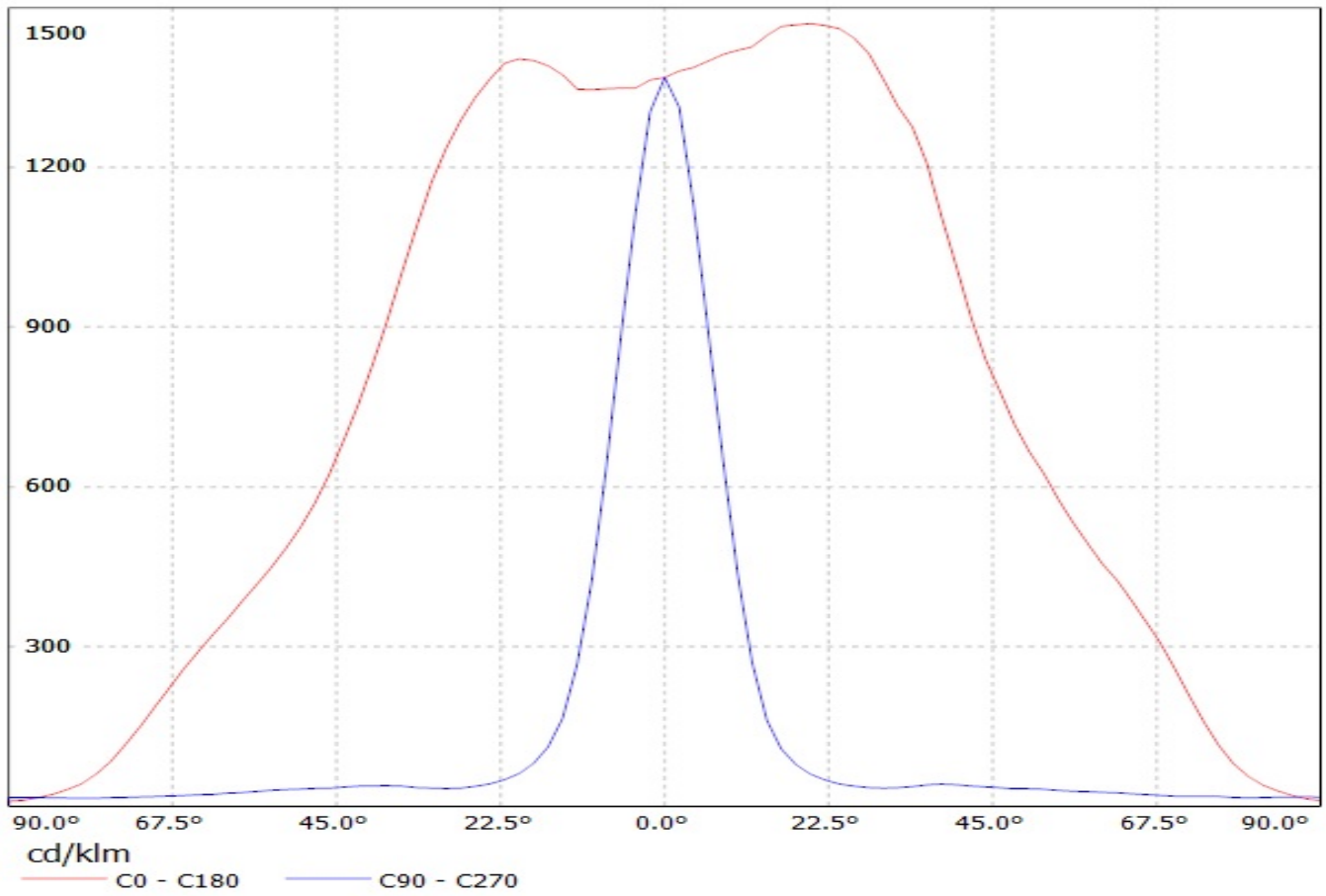
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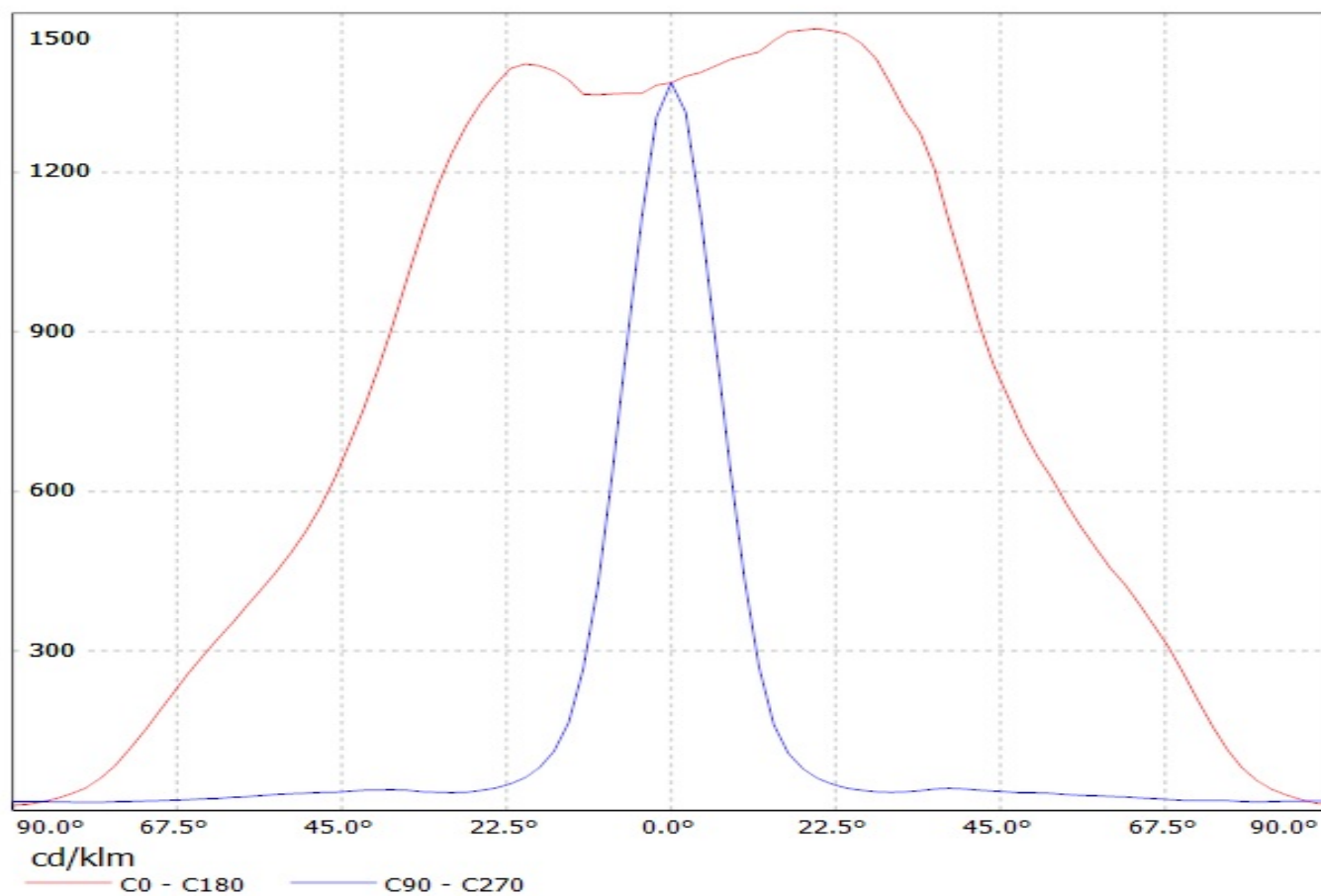
Luminaire: Ledil oy CA12764_FLARE-MINI-A (Cree XP-E2 92lm @ 250mA) Efficiency=94%
Lamps: 1 x Cree XP-E2 92lm @ 250mA



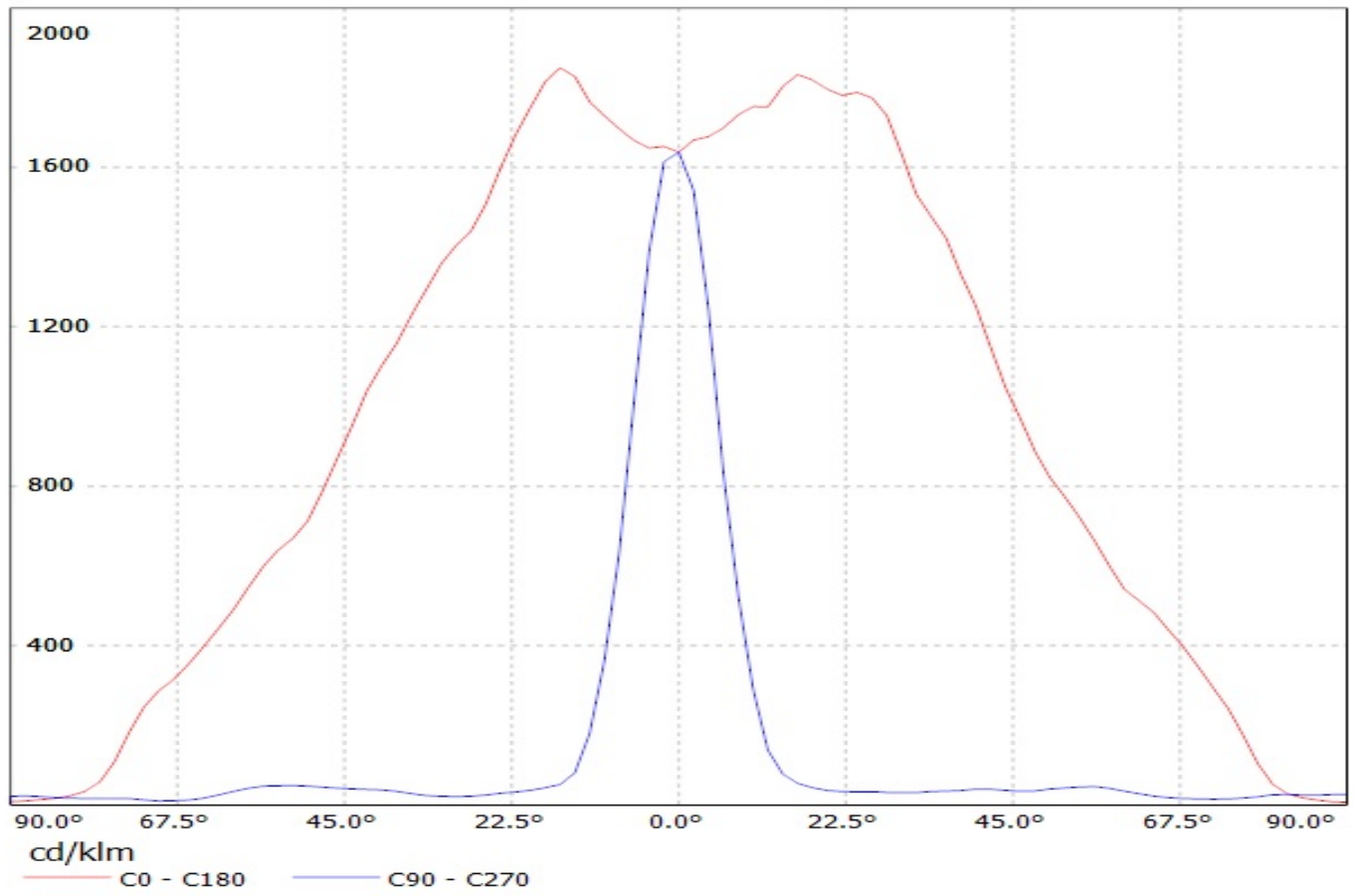
Luminaire: Ledil Oy CA13057_FLARE-MINI-AD (CREE XP-E2 92 lm & 250 mA) Efficiency=94%
Lamps: 1 x CREE XP-E2 92 lm & 250 mA



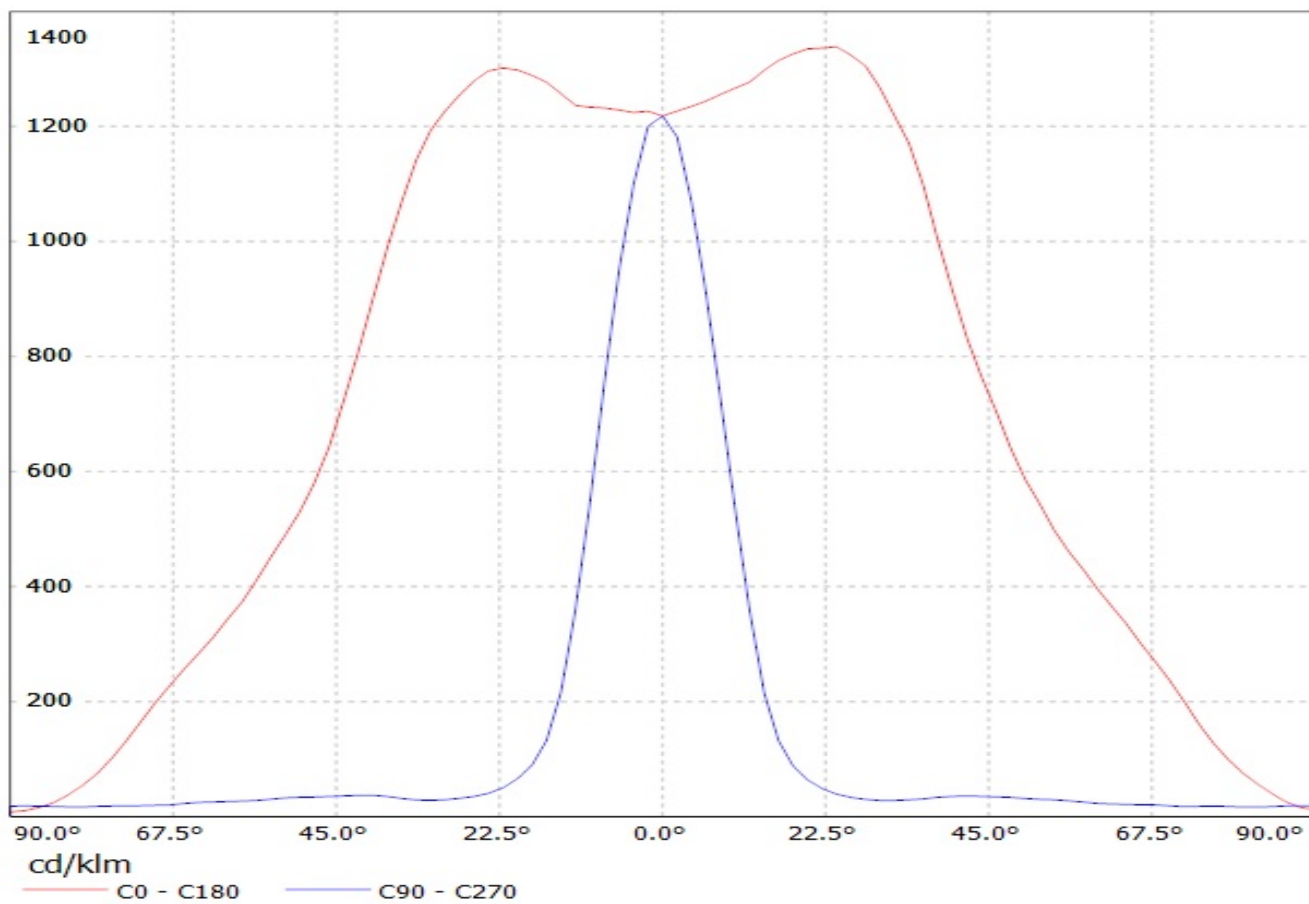
Luminaire: Ledil Oy CA13058_FLARE-MINI-AD-PIN (CREE XP-E2 92 lm @ 250 mA) Efficiency=94%
Lamps: 1 x CREE XP-E2 92 lm @ 250 mA



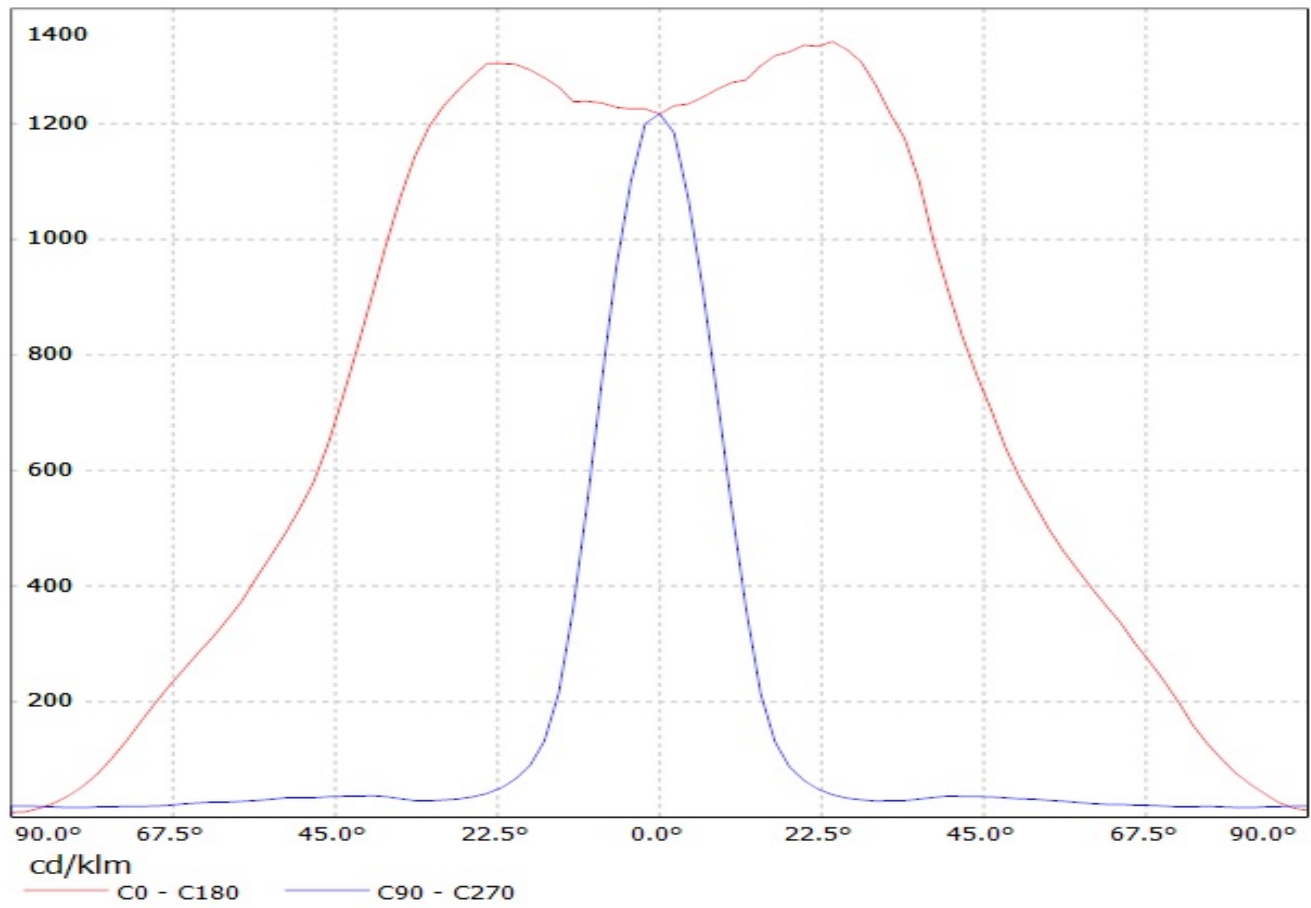
Luminaire: Ledil Oy CA12838_FLARE-MINI-A-PIN (CREE XP-E2 (92 lm @ 250 mA)) Efficiency=94%
Lamps: 1 x CREE XP-E2 (92 lm @ 250 mA)



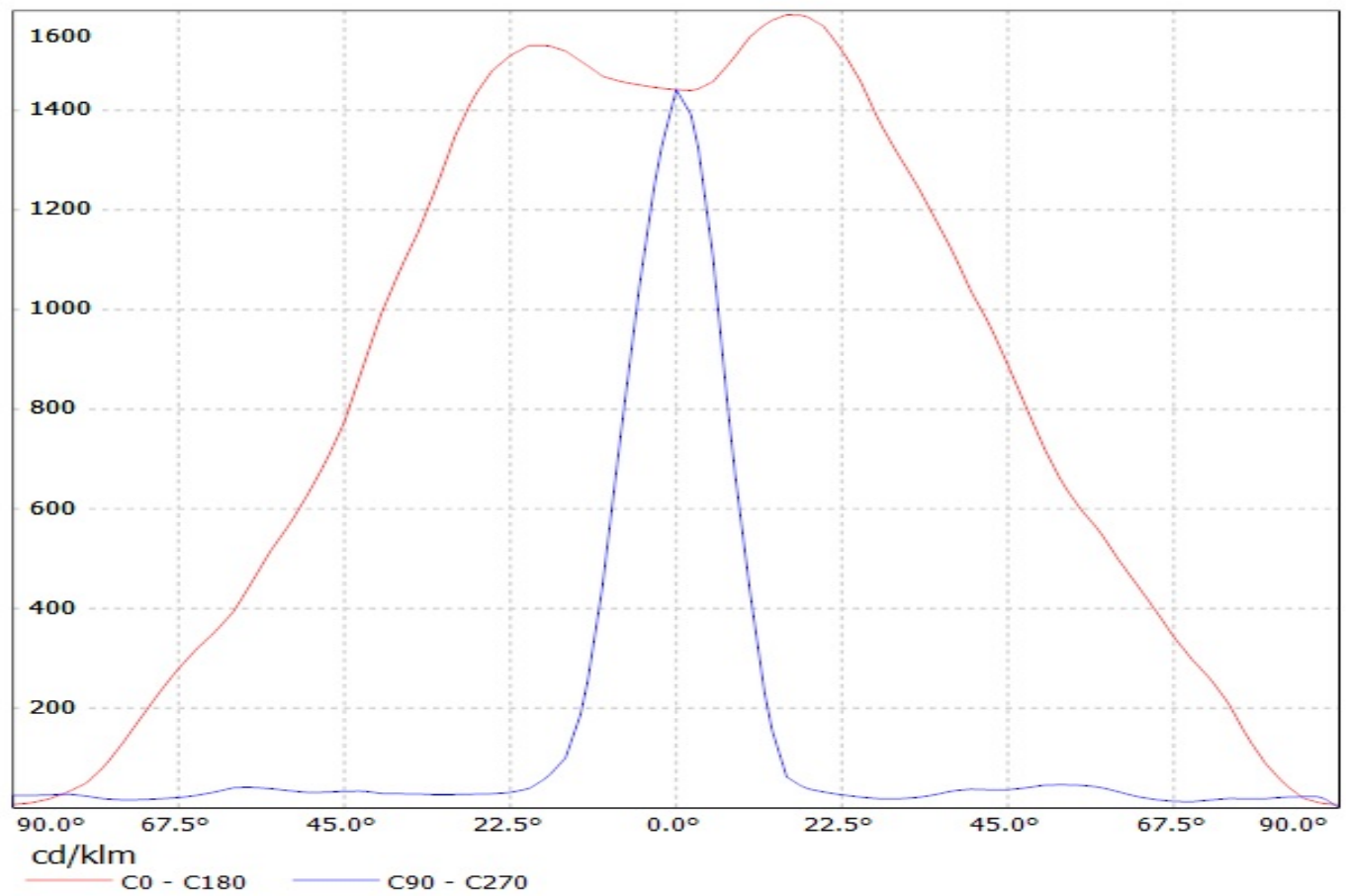
Luminaire: Ledil Oy C13015_FLARE-MINI-AD (CREE XP-E2 (92 lm @ 250 mA)) Efficiency=94%
Lamps: 1 x CREE XP-E2 (92 lm @ 250 mA)



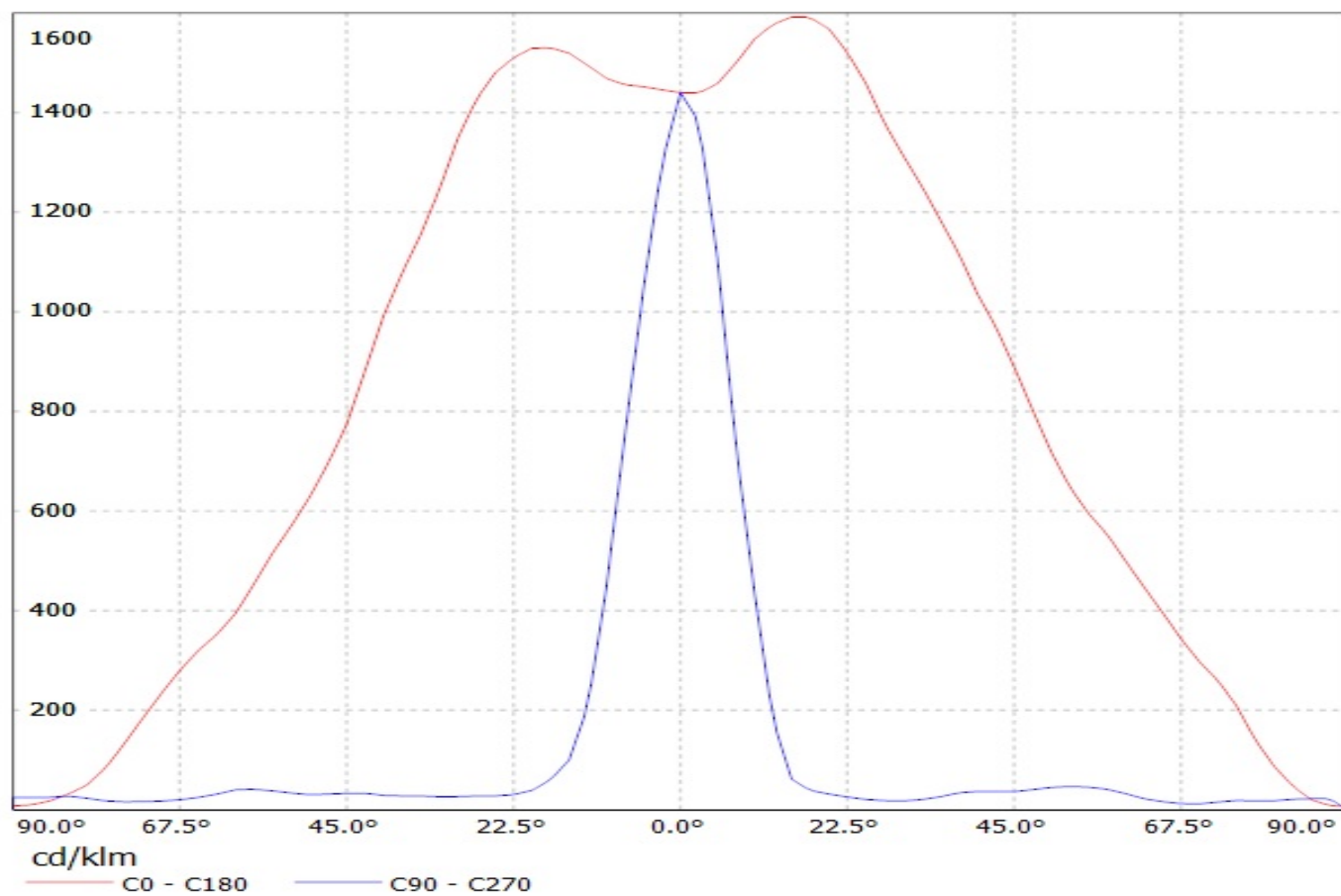
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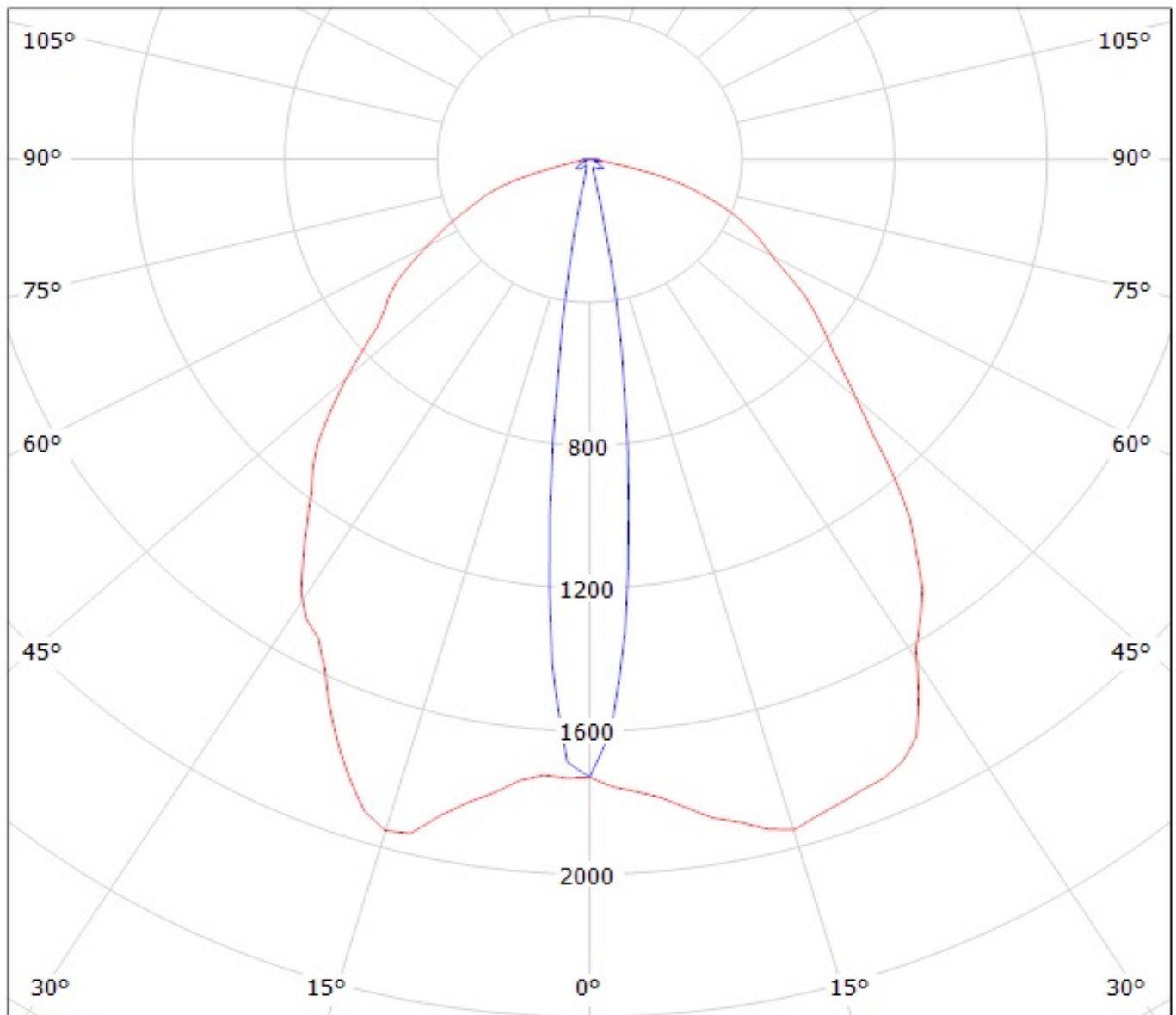
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Lamps: 1 x CREE XP-E2 (92 lm @ 250 mA)



Luminaire: Ledil Oy C12837_FLARE-MINI-A-PIN (CREE XP-E2 (92 lm @ 250 mA)) Efficiency=94%
Lamps: 1 x CREE XP-E2 (92 lm @ 250 mA)



Luminaire: Ledil oy CA12764_FLARE-MINI-A (Cree XP-E2 92lm @ 250mA) Efficiency=94%
Lamps: 1 x Cree XP-E2 92lm @ 250mA

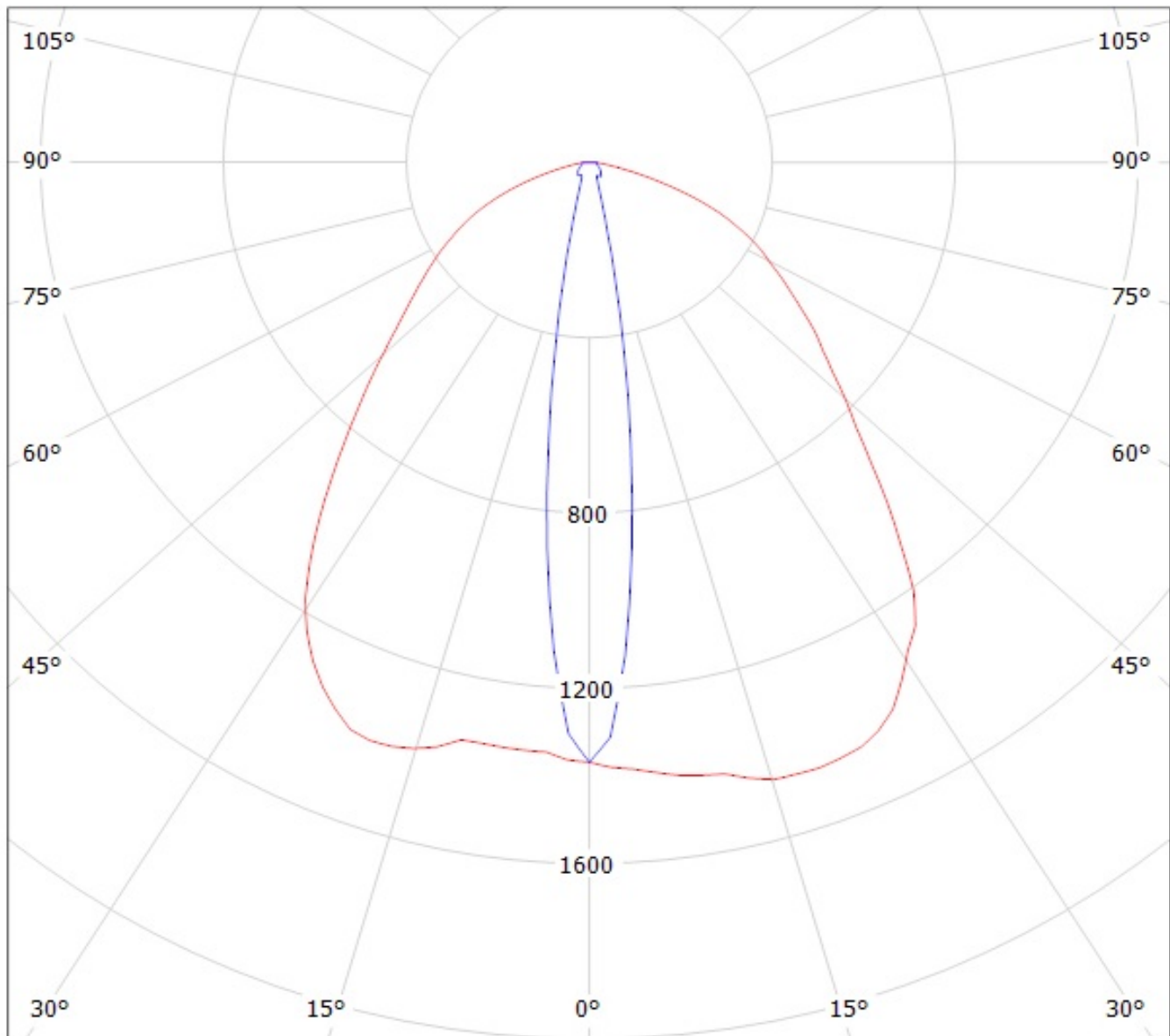


cd/klm

— C0 - C180

— C90 - C270

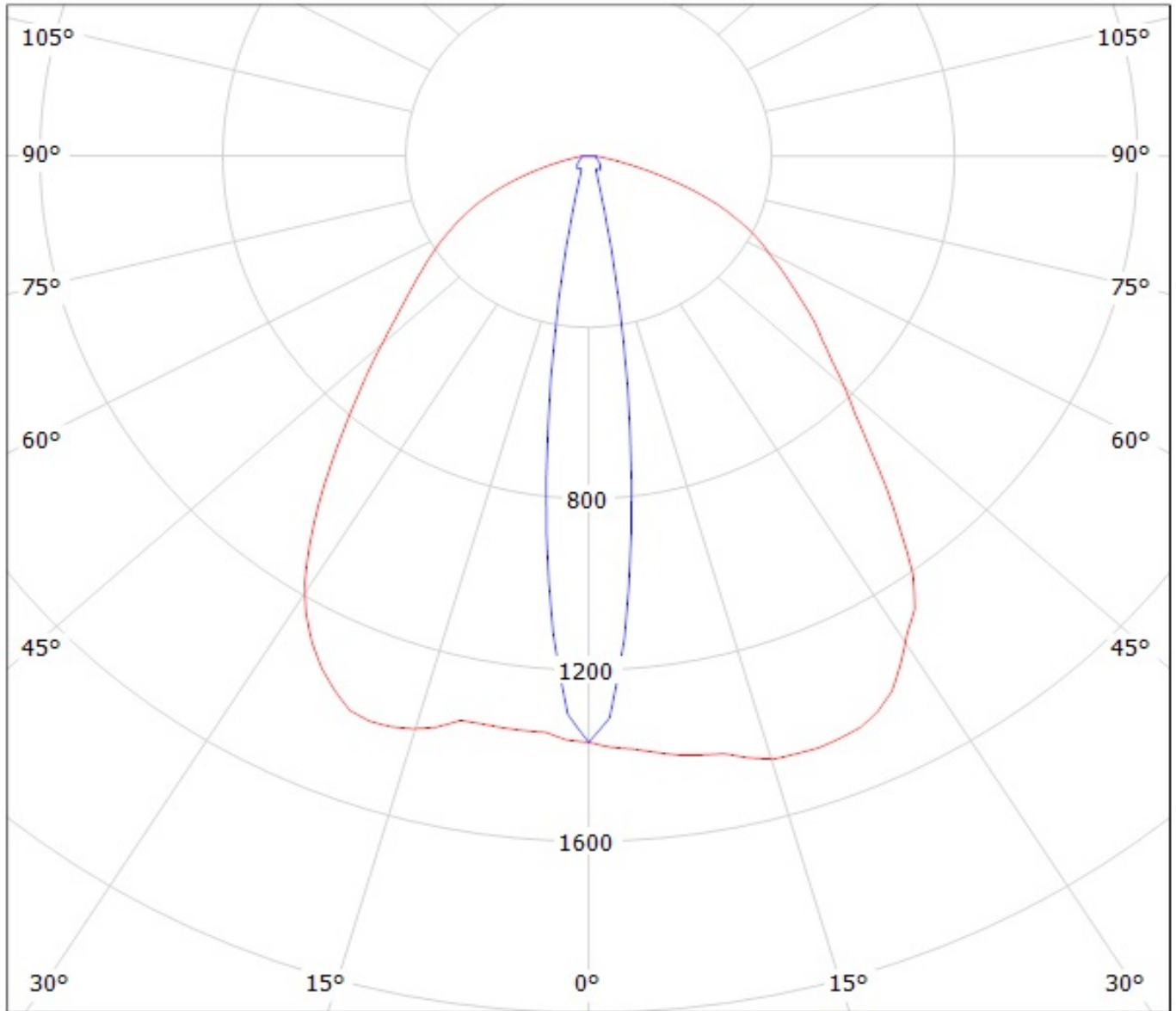
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cd/klm

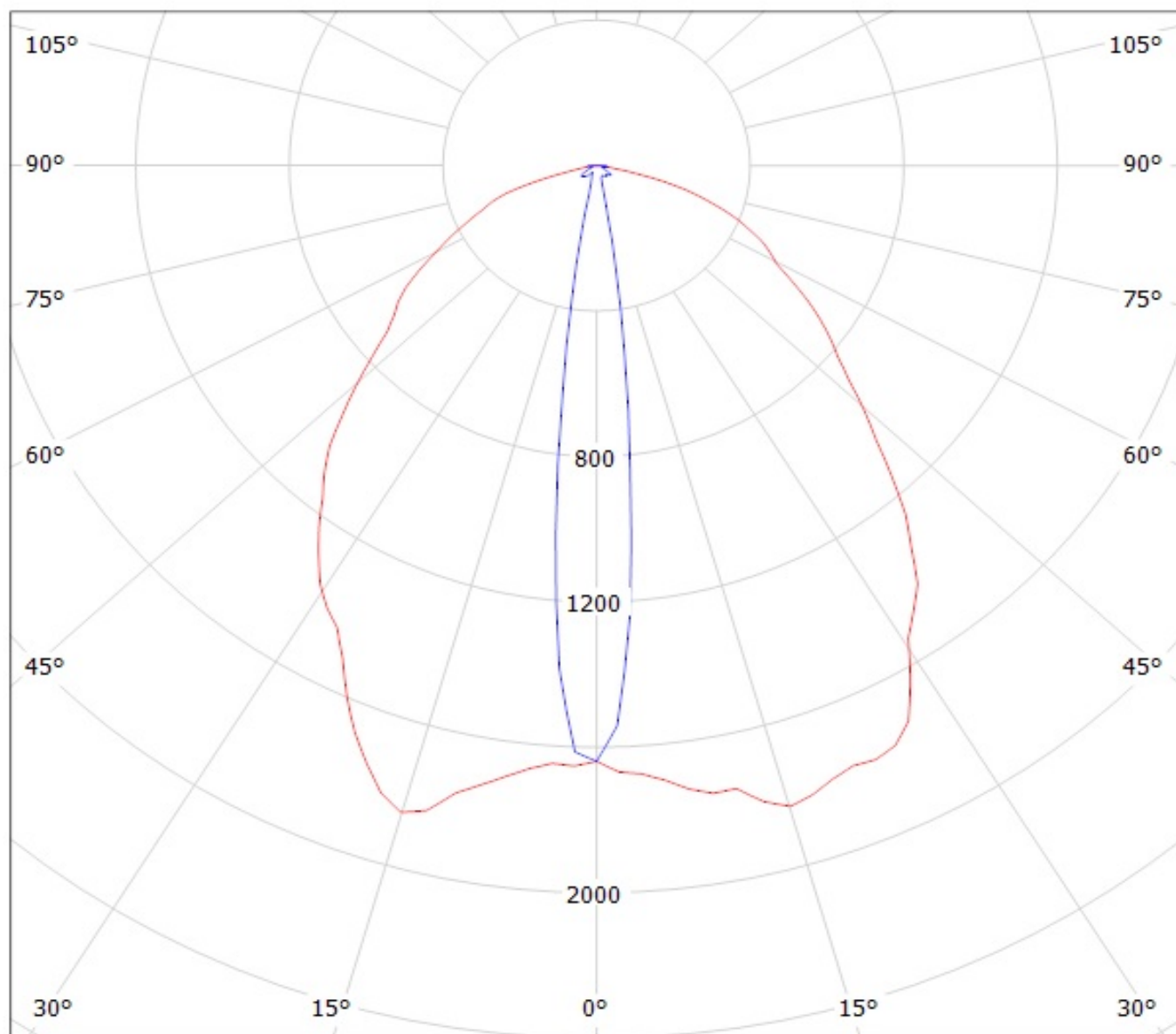
— C0 - C180 — C90 - C270

Luminaire: Ledil Oy CA13058_FLARE-MINI-AD-PIN (CREE XP-E2 92 lm @ 250 mA) Efficiency=94%
Lamps: 1 x CREE XP-E2 92 lm @ 250 mA



cd/klm
— C0 - C180 — C90 - C270

Luminaire: Ledil Oy CA12838_FLARE-MINI-A-PIN (CREE XP-E2 (92 lm @ 250 mA)) Efficiency=94%
Lamps: 1 x CREE XP-E2 (92 lm @ 250 mA)

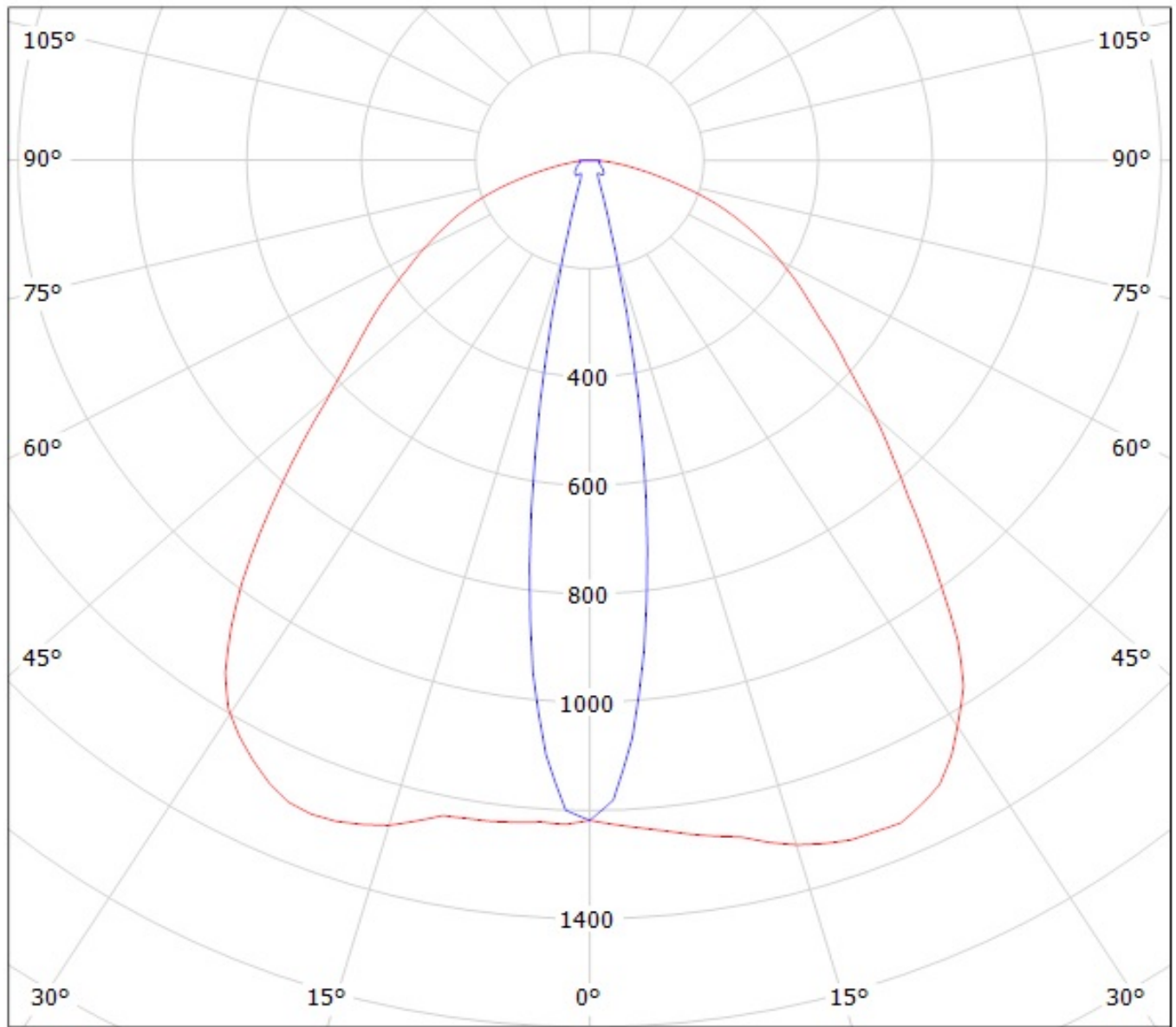


cd/klm

— C0 - C180

— C90 - C270

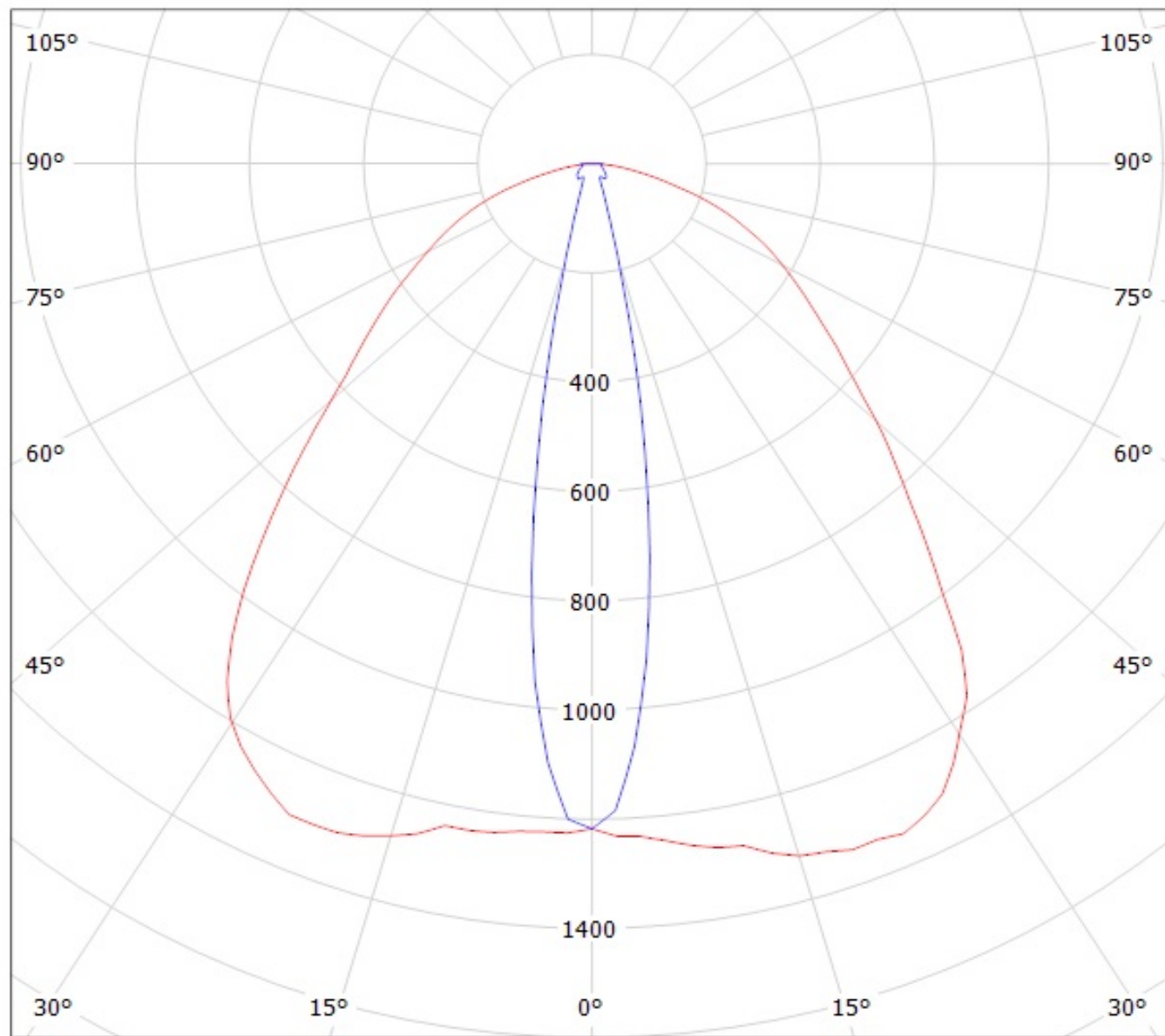
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cd/klm

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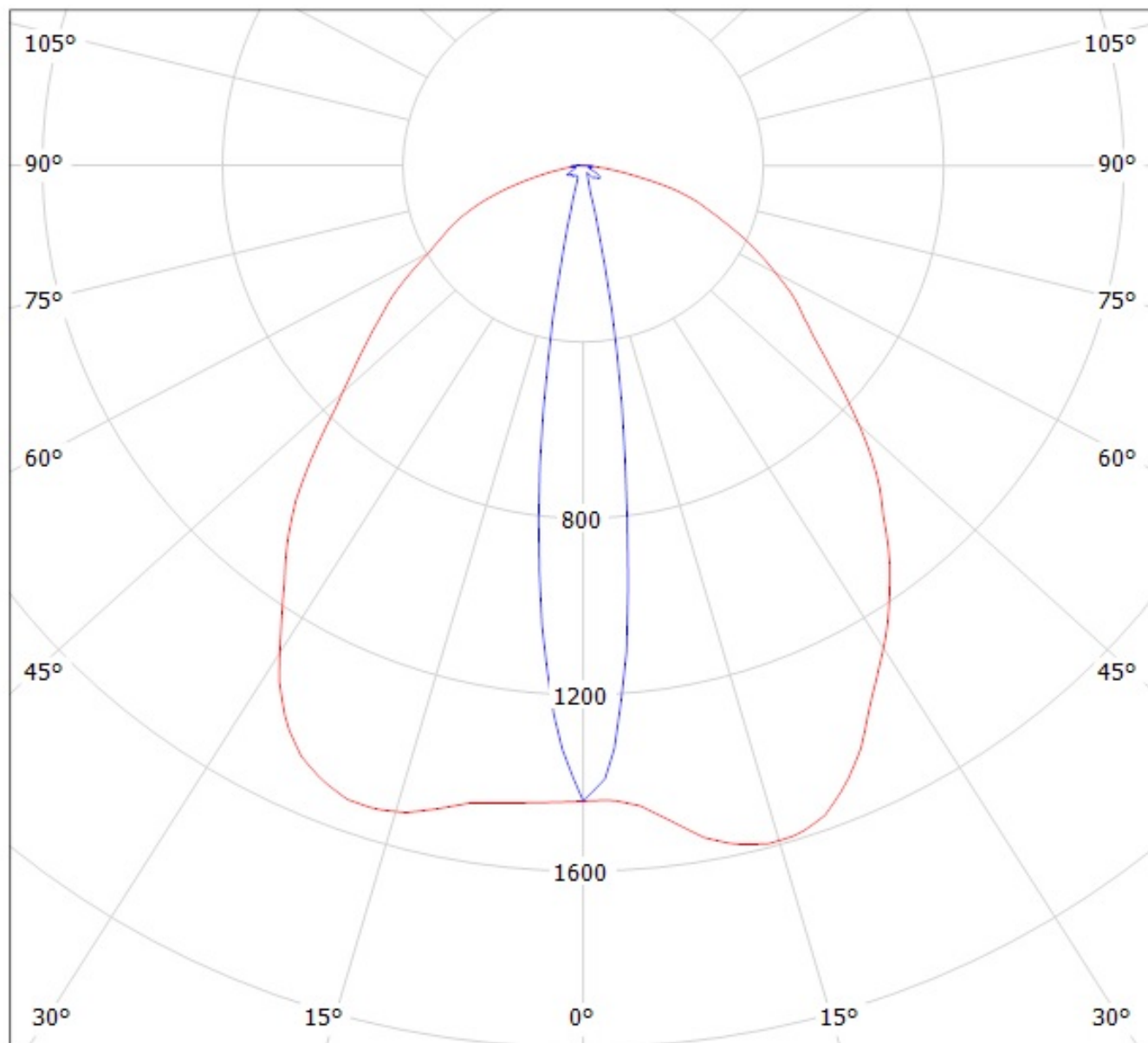


cd/klm

— C0 - C180

— C90 - C270

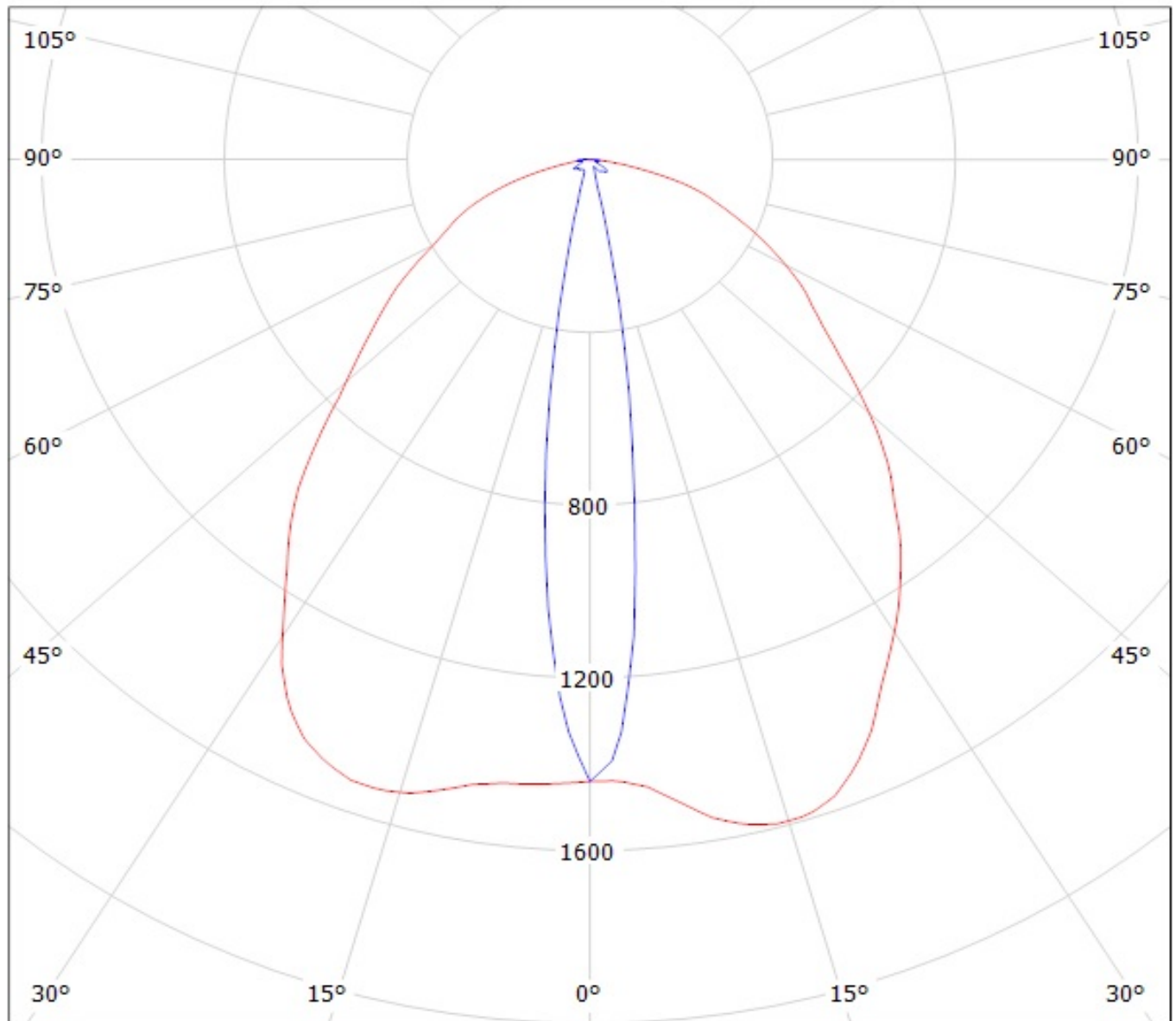
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cd/klm

— C0 - C180 — C90 - C270

Luminaire: Ledil Oy C12837_FLARE-MINI-A-PIN (CREE XP-E2 (92 lm @ 250 mA)) Efficiency=94%
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cd/klm

— C0 - C180

— C90 - C270