

**Ordering number CA12764_FLARE-MINI-A**

Family	Flare	FWHM	94+19 degrees
Type	Assembly	Efficiency	94 %
LED	XP-G2	cd/Im	1.300
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 CA12838_FLARE-MINI-A-PIN**

Family	Flare	FWHM	94+19 degrees
Type	Assembly	Efficiency	94 %
LED	XP-G2	cd/Im	1.300
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 CA13057_FLARE-MINI-AD**

Family	Flare	FWHM	95+21 degrees
Type	Assembly	Efficiency	94 %
LED	XP-G2	cd/Im	1.100
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	95+21 degrees
Type	Assembly	Efficiency	94 %
LED	XP-G2	cd/Im	1.100
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 C12868_FLARE-MAXI**

Family	Flare	FWHM	96+10 degrees
Type	Lens	Efficiency	94 %
LED	XP-G2	cd/Im	3.100
Color	Clear	Gerber File	Available
Diameter	33.9 + 33.3 mm		
Height	16.7 mm		
Style	Rectang		
Optic Material	PMMA		
Holder Material	-		
Fastening	Pin, glue		
Status	Ready		

**Ordering number C13015_FLARE-MINI-AD**

Family	Flare	FWHM	97+24 degrees
Type	Lens	Efficiency	94 %
LED	XP-G2	cd/Im	1.000
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	97+24 degrees
Type	Lens	Efficiency	94 %
LED	XP-G2	cd/Im	1.000
Color	Clear	Gerber File	Available
Diameter	16 mm		
Height	8.6 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	Pin, glue		
Status	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.



PRODUCT DATASHEET

Flare series

last update 25/3/2013

GENERAL INFORMATION

- Product series especially designed & optimized for XP-G2 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>

4

3

2

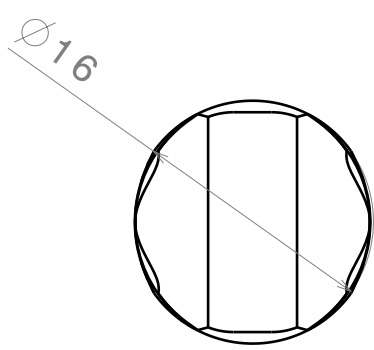
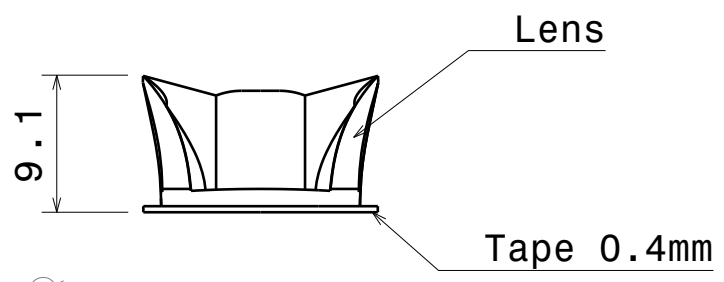
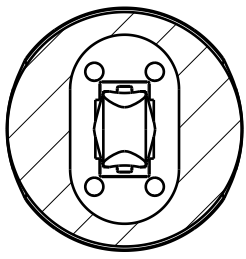
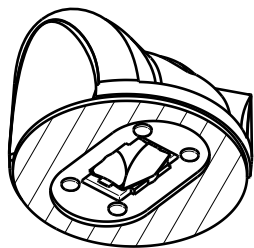
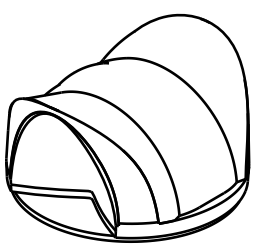
1

4

3

2

1



Material:
Lens: PMMA
Tape: PU Foam

Tolerances for dimensions:
0-20mm tolerance value $\pm 0.1\text{mm}$
21-45mm tolerance value $\pm 0.2\text{mm}$
46-90mm tolerance value $\pm 0.3\text{mm}$
91-100mm tolerance value $\pm 0.4\text{mm}$
101-mm tolerance value $\pm 0.5\text{mm}$

Note:
Must use external positioning
over light source.

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It can't be reproduced
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our written agreement.



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

DESIGNED BY
pl
DATE
27.02.2012

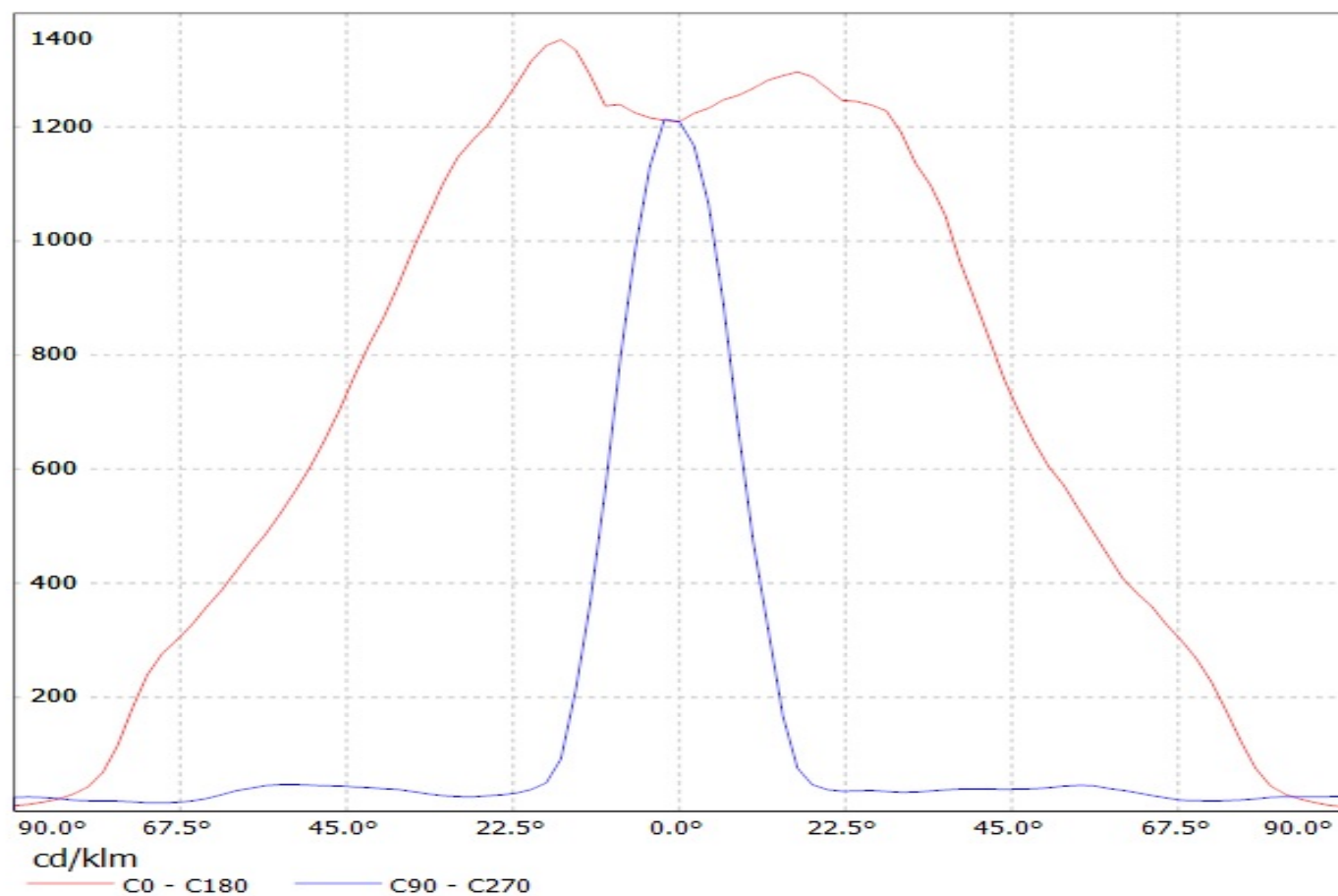
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CA12764
REV
1

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WEIGHT (g)
SHEET
1 / 1

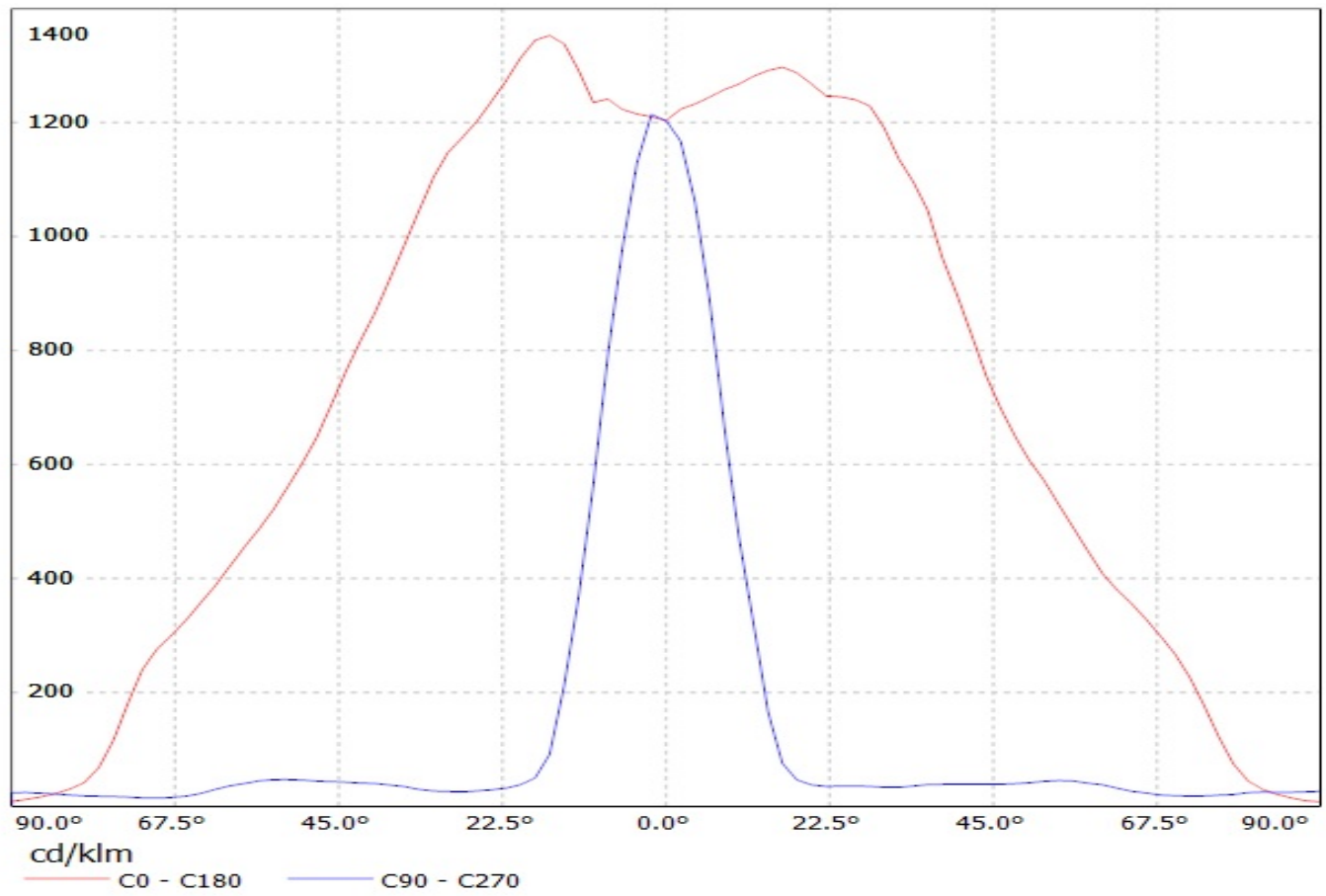
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A

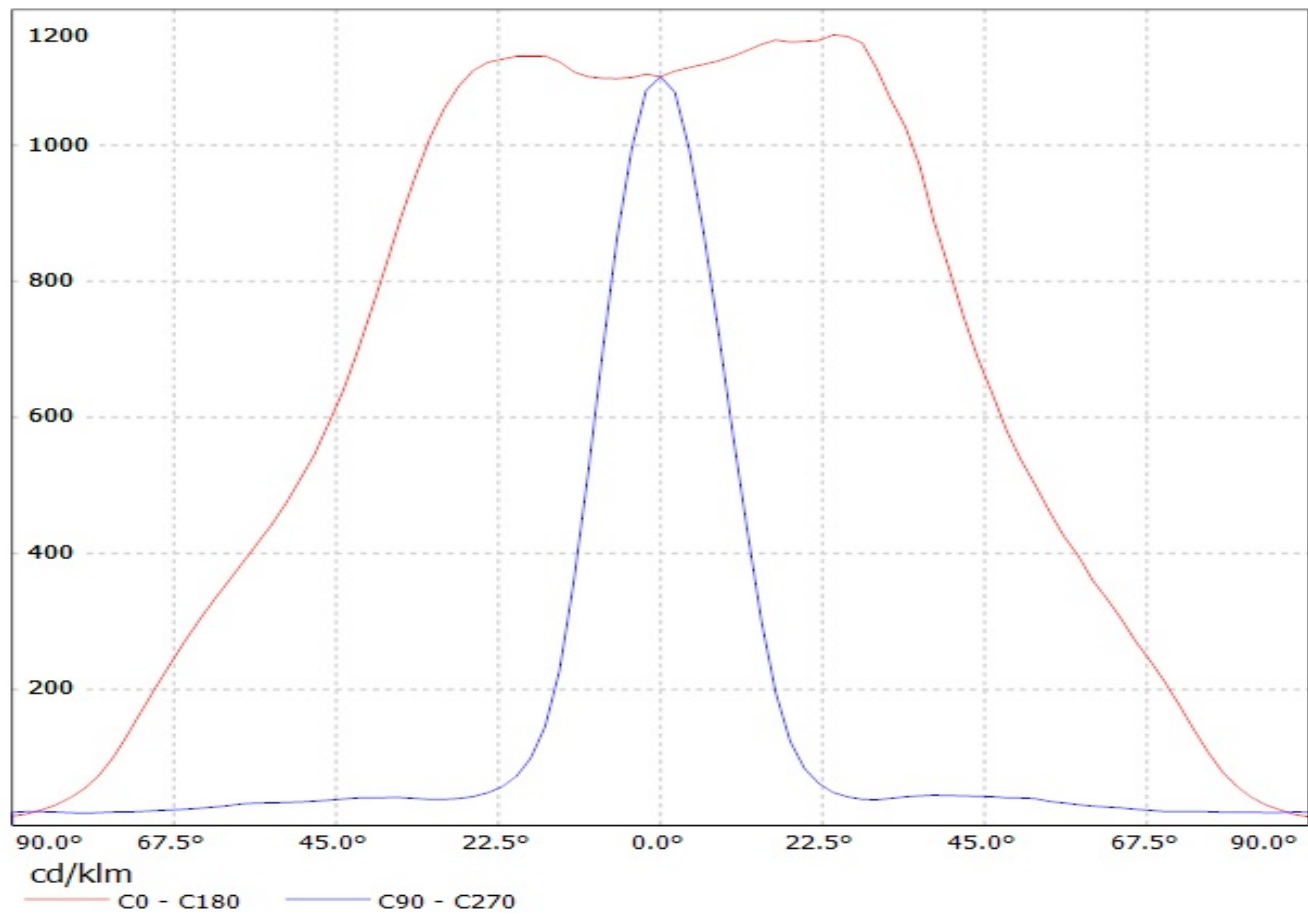
Luminaire: Ledil Oy CA12764_FLARE-MINI-A (CREE XP-G2 (99 lm @ 250 mA)) Efficiency=94%
Lamps: 1 x CREE XP-G2 (99 lm @ 250 mA)



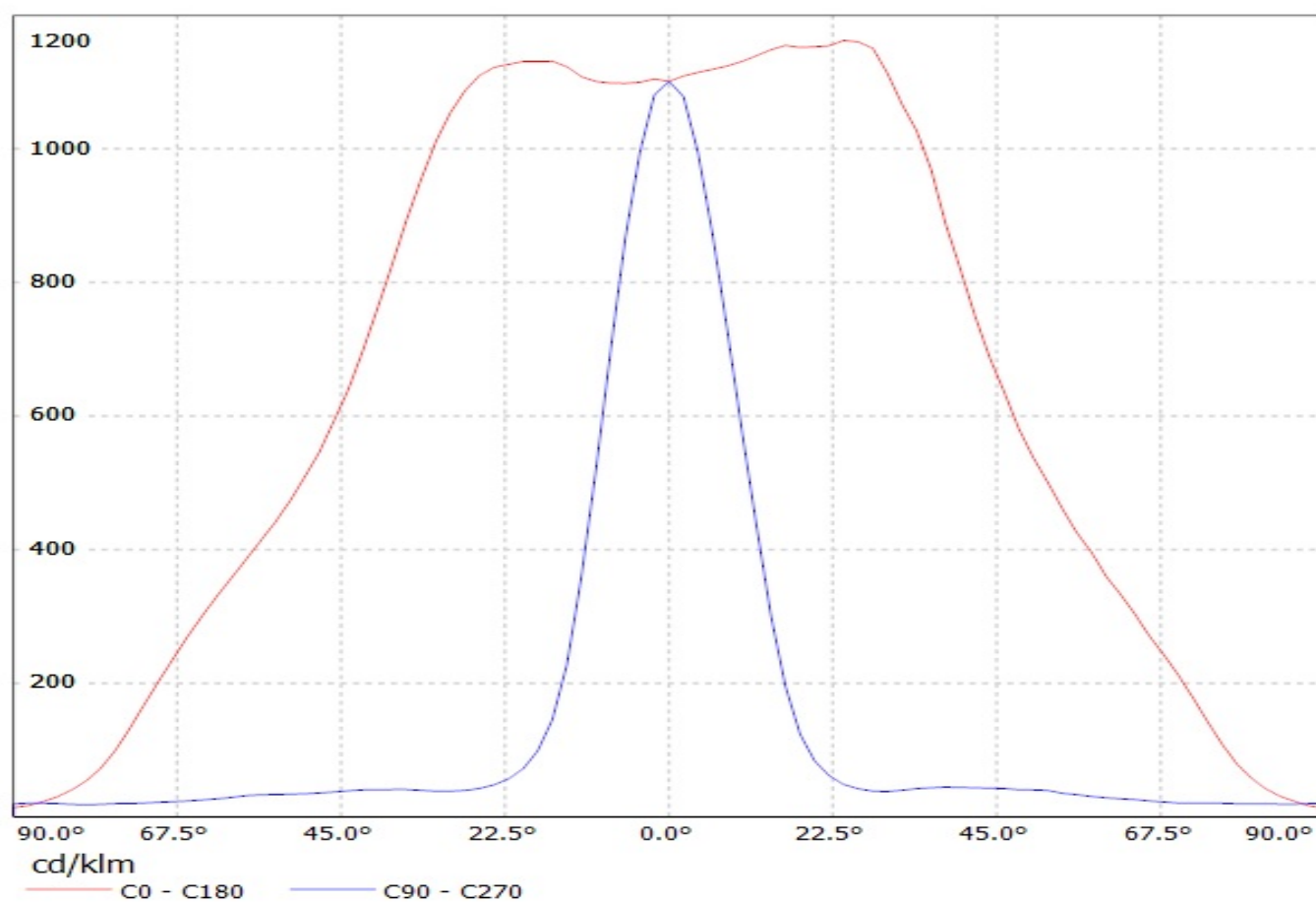
Luminaire: Ledil Oy CA12838_FLARE-MINI-A-PIN (CREE XP-G2 (99 lm @ 250 mA)) Efficiency=94%
Lamps: 1 x CREE XP-G2 (99 lm @ 250 mA)



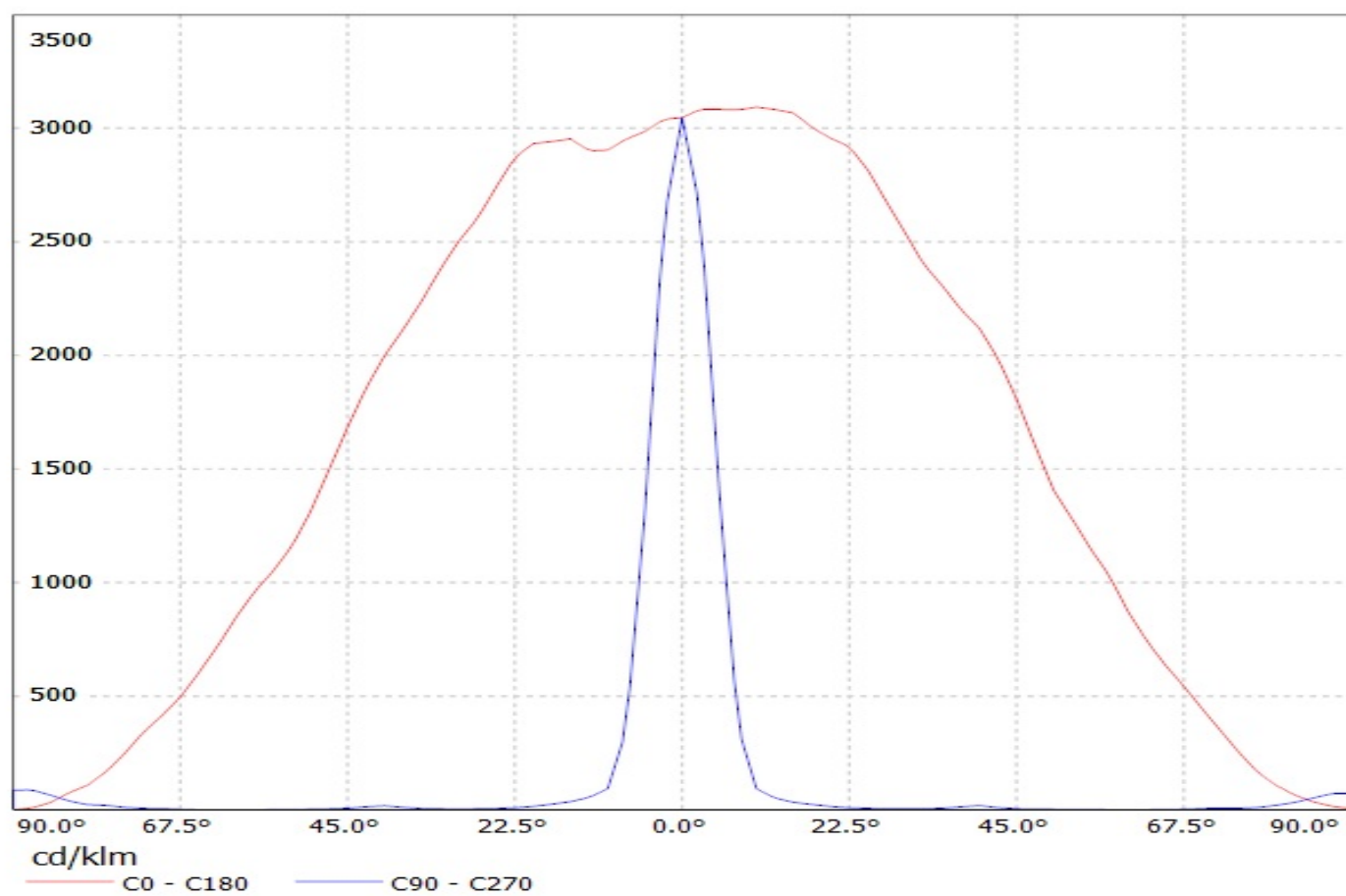
Luminaire: Ledil Oy CA13057_FLARE-MINI-AD (CREE XP-G2 99 lm @ 250 mA) Efficiency=94%
Lamps: 1 x CREE XP-G2 99 lm @ 250 mA



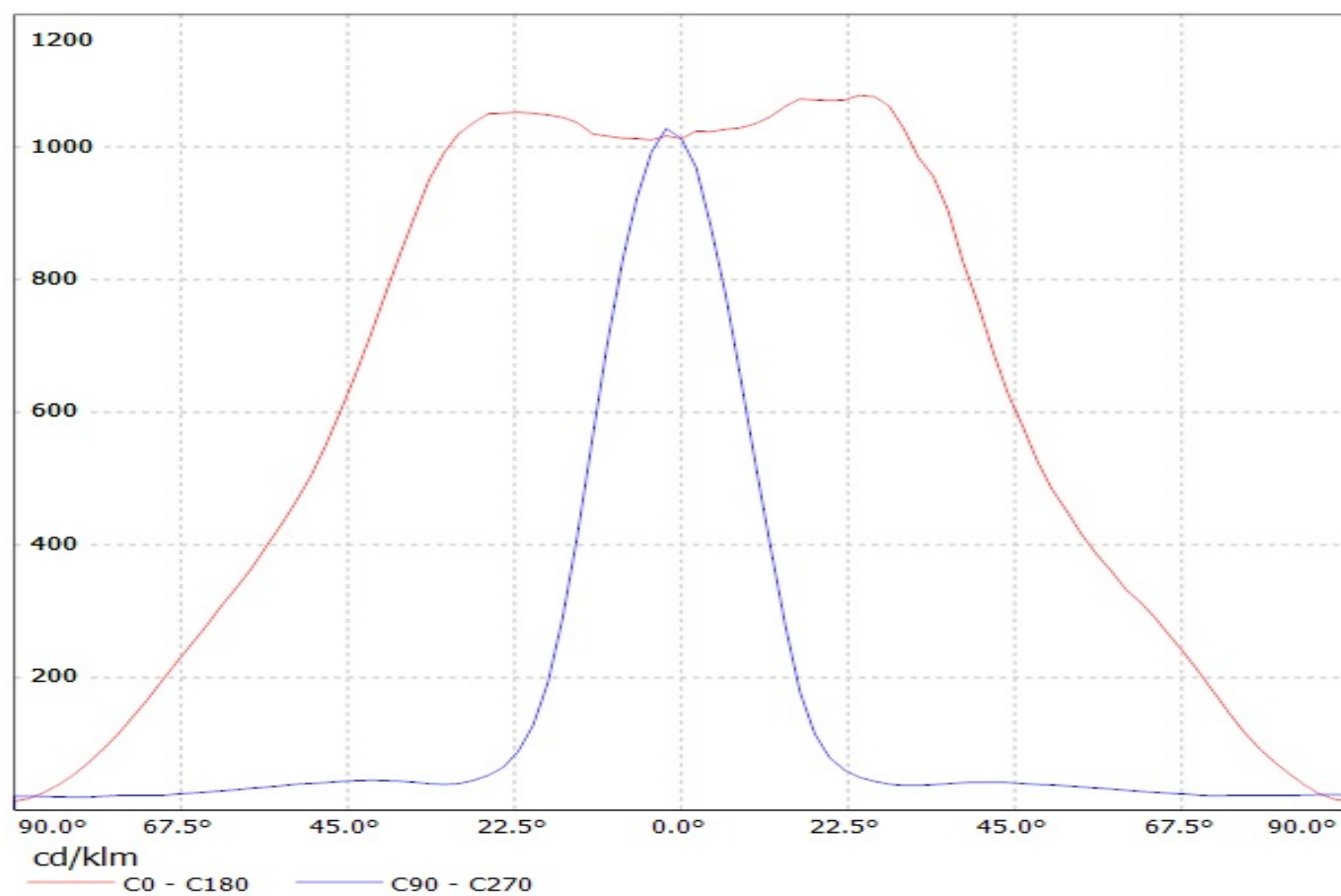
Luminaire: Ledil Oy CA13058_FLARE-MINI-AD-PIN (CREE XP-G2 (99lm @ 250mA)) Efficiency=94%
Lamps: 1 x CREE XP-G2 (99lm @ 250mA)



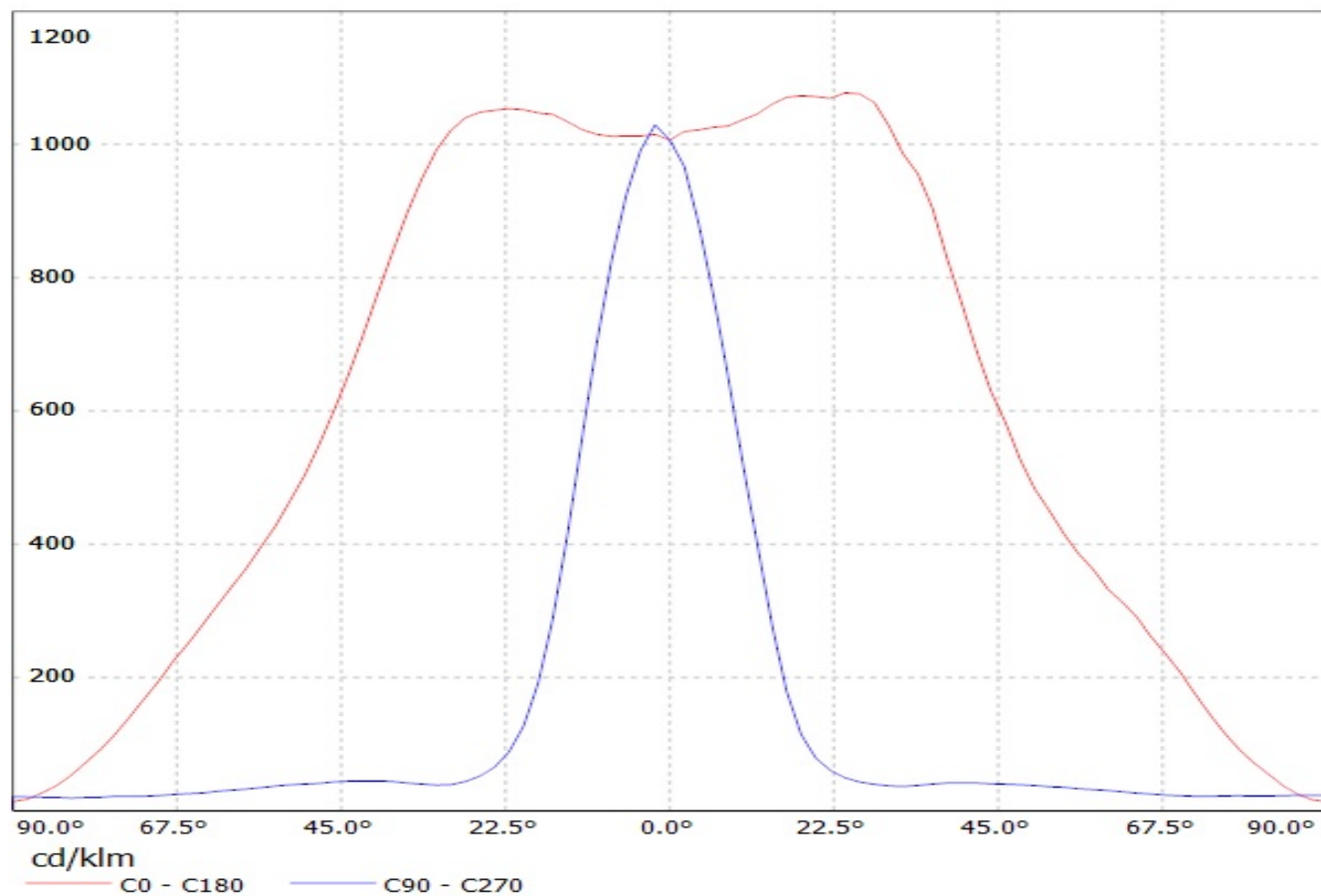
Luminaire: Ledil Oy C12868_FLARE-MAXI (Cree XP-G2 98lm @ 250mA) Efficiency=94%
Lamps: 1 x Cree XP-G2 98lm @ 250mA CCT=6596K P=0,75W I=250mA



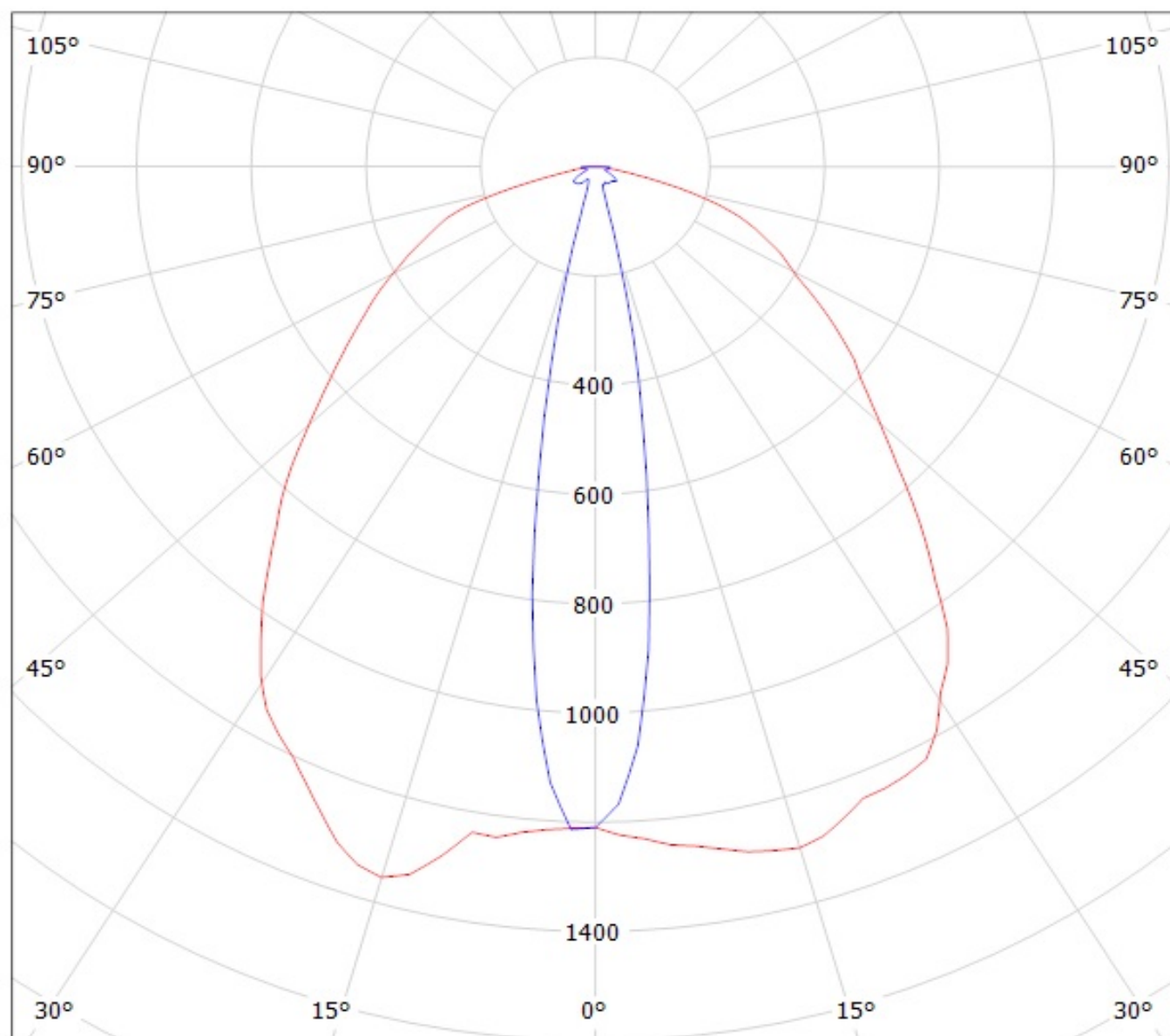
Luminaire: Ledil Oy C13015_FLARE-MINI-AD (CREE XP-G2 (99 lm @ 250 mA)) Efficiency=94%
Lamps: 1 x CREE XP-G2 (99 lm @ 250 mA)



Luminaire: Ledil Oy C13016_FLARE-MINI-AD-PIN (CREE XP-G2 (99 lm @ 250 mA)) Efficiency=94%
Lamps: 1 x CREE XP-G2 (99 lm @ 250 mA)



Luminaire: Ledil Oy CA12764_FLARE-MINI-A (CREE XP-G2 (99 lm @ 250 mA)) Efficiency=94%
Lamps: 1 x CREE XP-G2 (99 lm @ 250 mA)

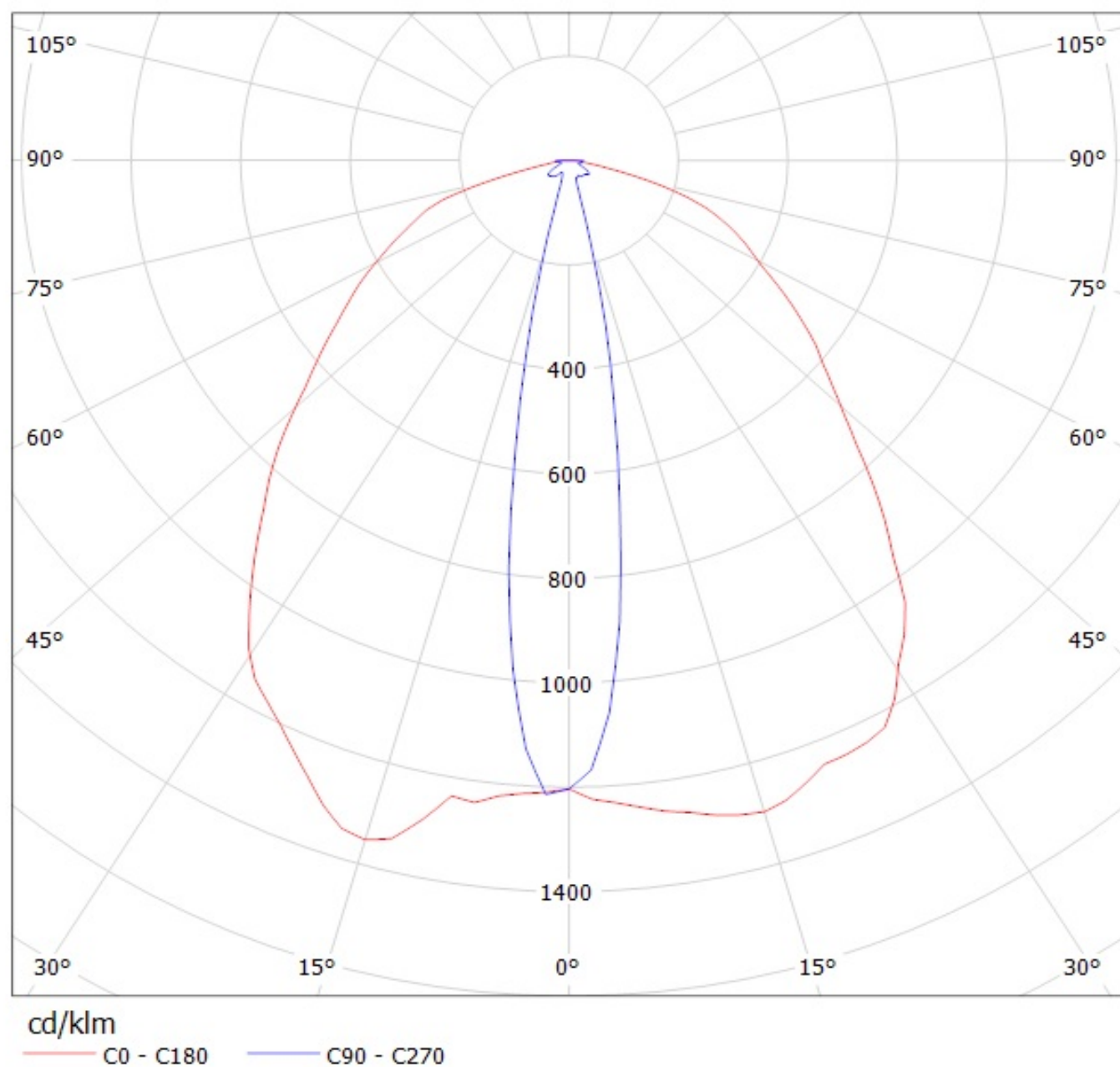


cd/klm

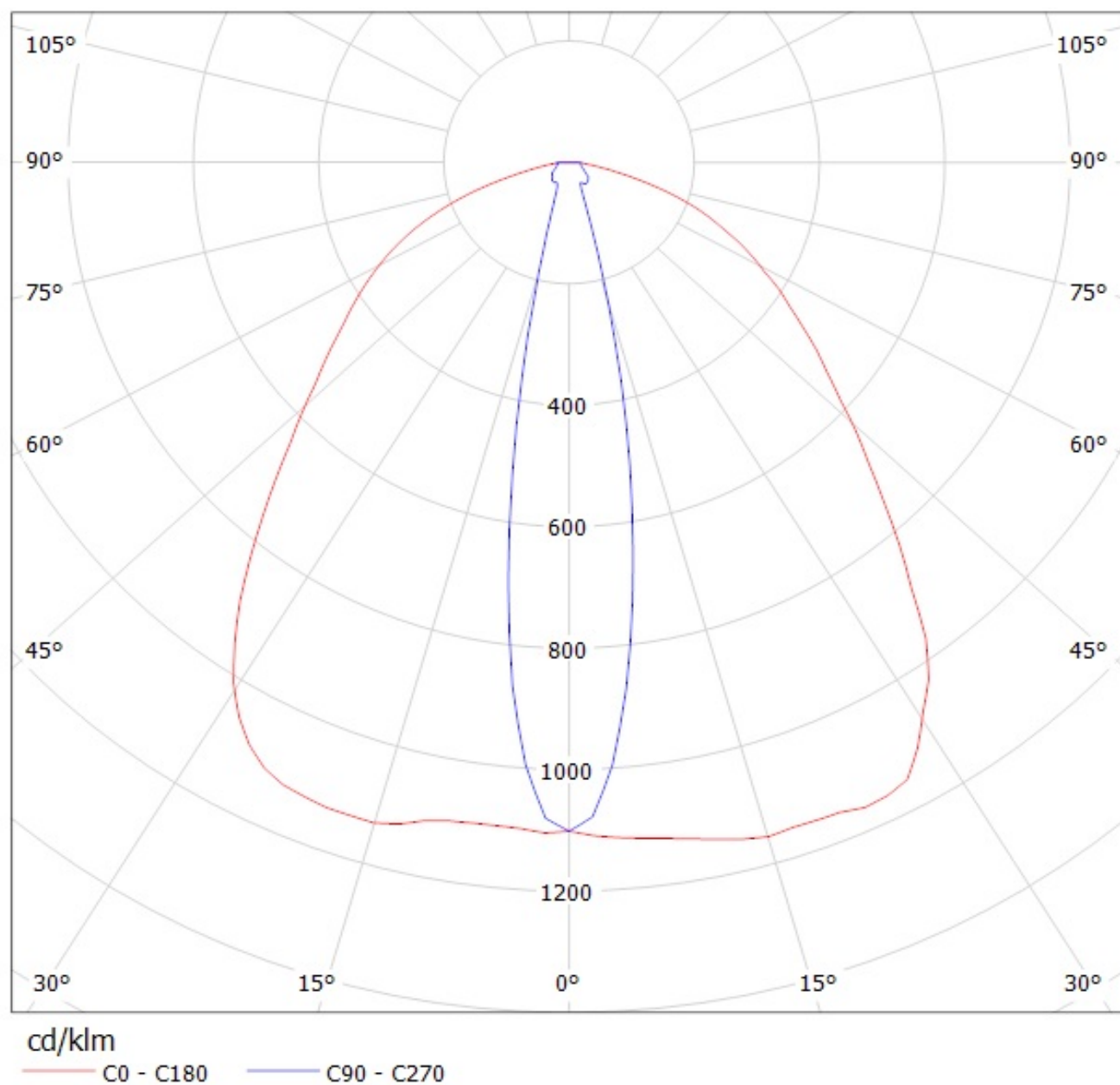
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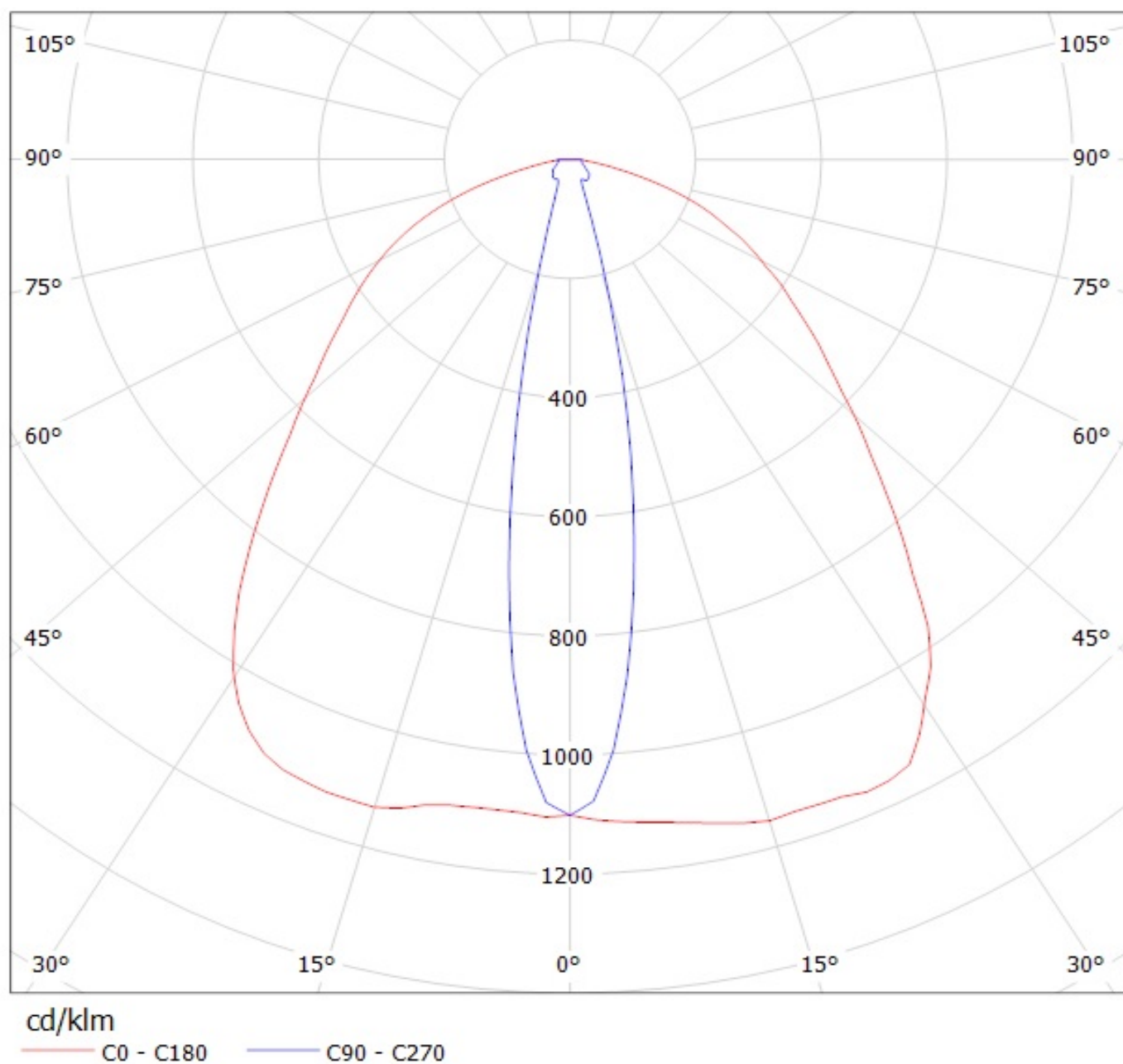
Luminaire: Ledil Oy CA12838_FLARE-MINI-A-PIN (CREE XP-G2 (99 lm @ 250 mA)) Efficiency=94%
Lamps: 1 x CREE XP-G2 (99 lm @ 250 mA)



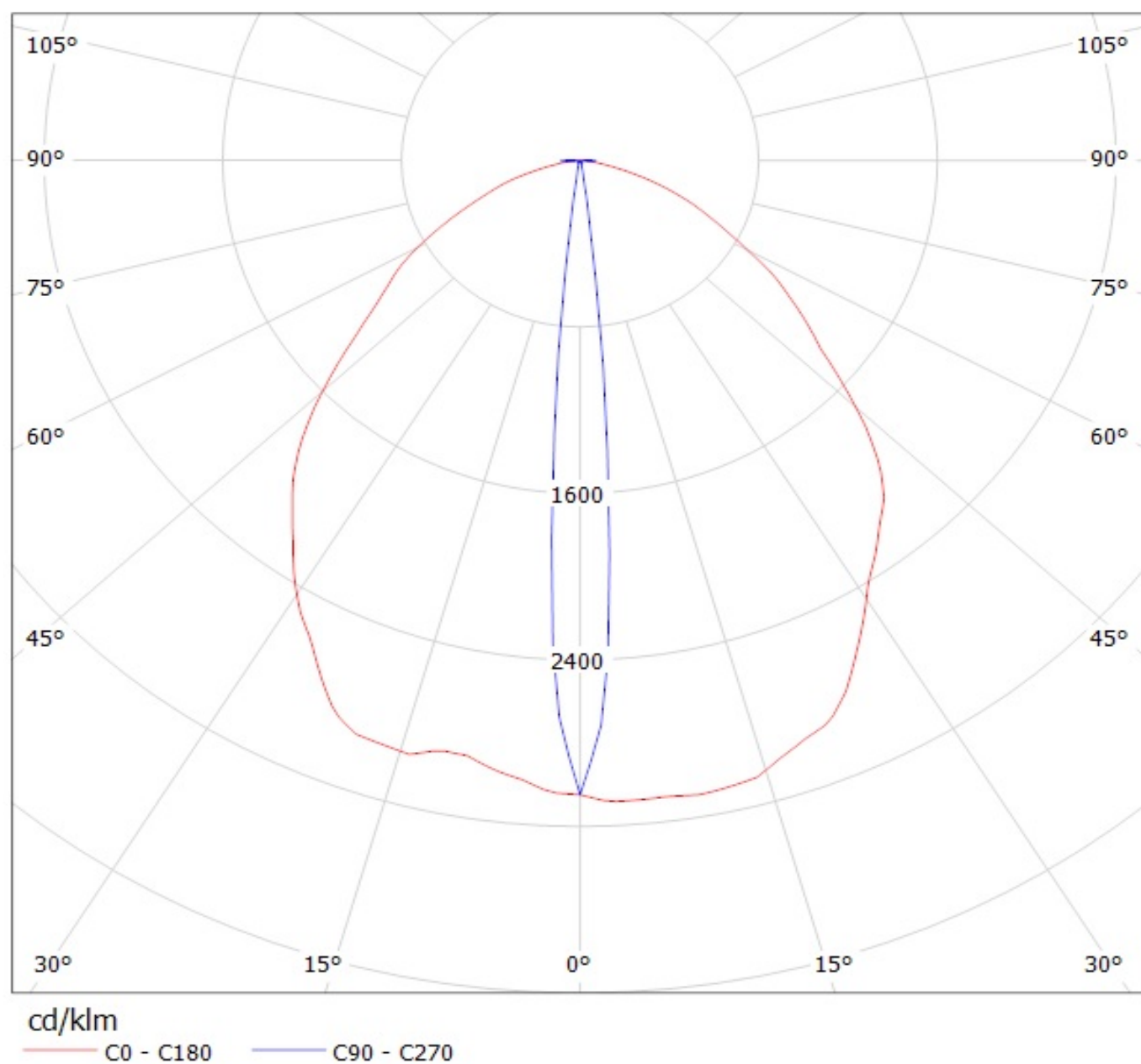
Luminaire: Ledil Oy CA13057_FLARE-MINI-AD (CREE XP-G2 99 lm @ 250 mA) Efficiency=94%
Lamps: 1 x CREE XP-G2 99 lm @ 250 mA



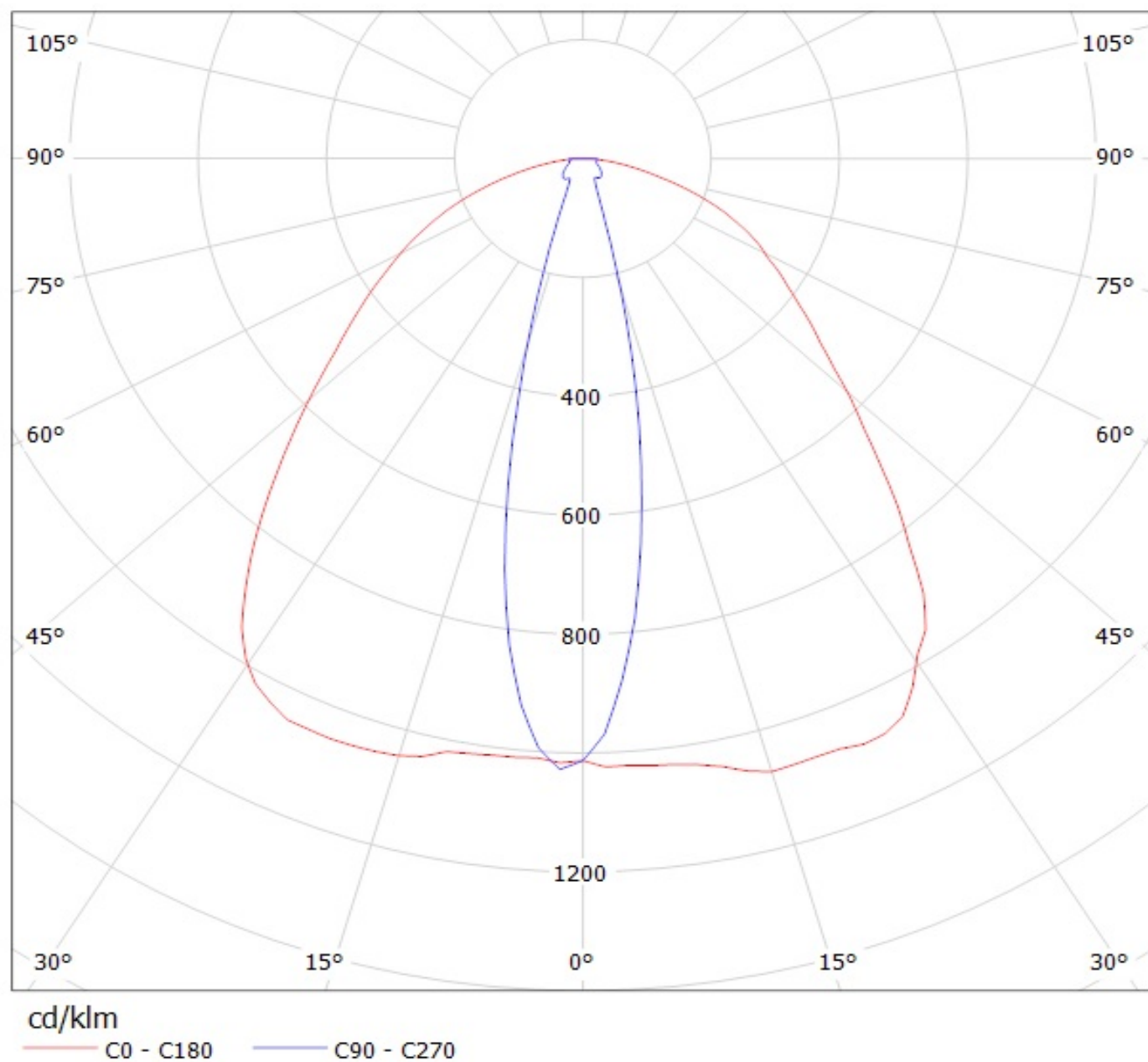
Luminaire: Ledil Oy CA13058_FLARE-MINI-AD-PIN (CREE XP-G2 (99lm @ 250mA)) Efficiency=94%
Lamps: 1 x CREE XP-G2 (99lm @ 250mA)



Luminaire: Ledil Oy C12868_FLARE-MAXI (Cree XP-G2 98lm @ 250mA) Efficiency=94%
Lamps: 1 x Cree XP-G2 98lm @ 250mA CCT=6596K P=0,75W I=250mA



Luminaire: Ledil Oy C13015_FLARE-MINI-AD (CREE XP-G2 (99 lm @ 250 mA)) Efficiency=94%
Lamps: 1 x CREE XP-G2 (99 lm @ 250 mA)



Luminaire: Ledil Oy C13016_FLARE-MINI-AD-PIN (CREE XP-G2 (99 lm @ 250 mA)) Efficiency=94%
Lamps: 1 x CREE XP-G2 (99 lm @ 250 mA)

