

**Ordering number C13012_FLARE-MAXI-D**

Family	Flare	FWHM	13+104 degrees
Type	Lens	Efficiency	94 %
LED	LUXEON Rebel ES	cd/Im	2.000
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 CA12764_FLARE-MINI-A**

Family	Flare	FWHM	19+110 degrees
Type	Assembly	Efficiency	94 %
LED	LUXEON Rebel ES	cd/Im	0.900
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	19+110 degrees
Type	Assembly	Efficiency	94 %
LED	LUXEON Rebel ES	cd/Im	0.900
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	91+10 degrees
Type	Lens	Efficiency	94 %
LED	LUXEON Rebel ES	cd/lm	2.800
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 CA10932
Description 1**

Family	Flare	FWHM	12+104 degrees
Type	Assembly	Efficiency	94 %
LED	LUXEON Rebel ES	cd/lm	1.370
Color	Clear	Gerber File	Available
Diameter	29 x 22.8 mm		
Height	12.84 mm		
Style	Rectang		
Optic Material	PMMA		
Holder Material	-		
Fastening	-		
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 20/2/2013

PHILIPS
LUMILEDS

GENERAL INFORMATION

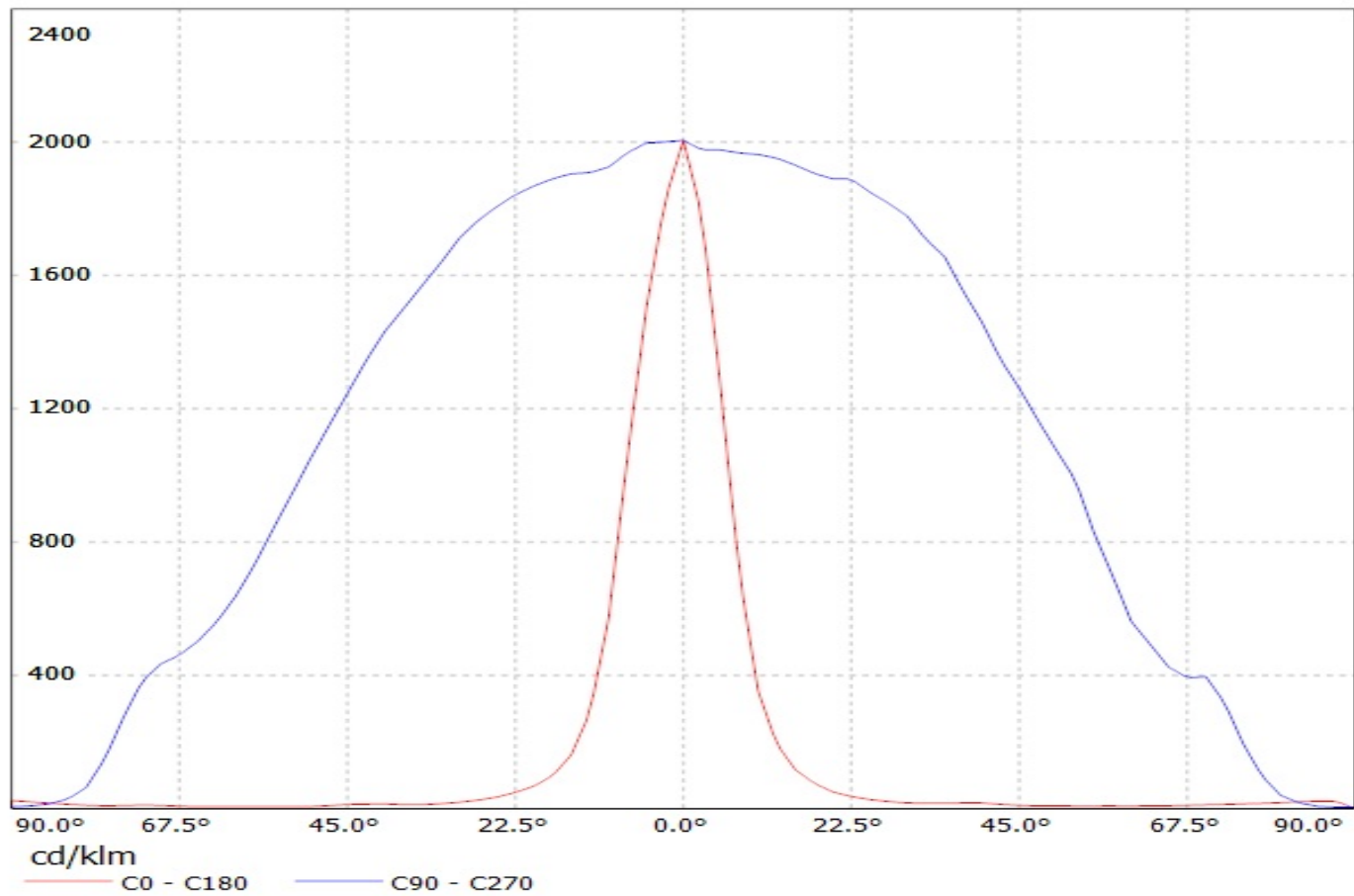
- Product series especially designed & optimized for LUXEON Rebel ES series of LEDs.
- Special care taken to make light distribution as uniform as possible.
- Lens material optical grade PMMA with high UV and temperature resistance. Allows use of high current and temperature conditions.

Please find more information about used material from below:

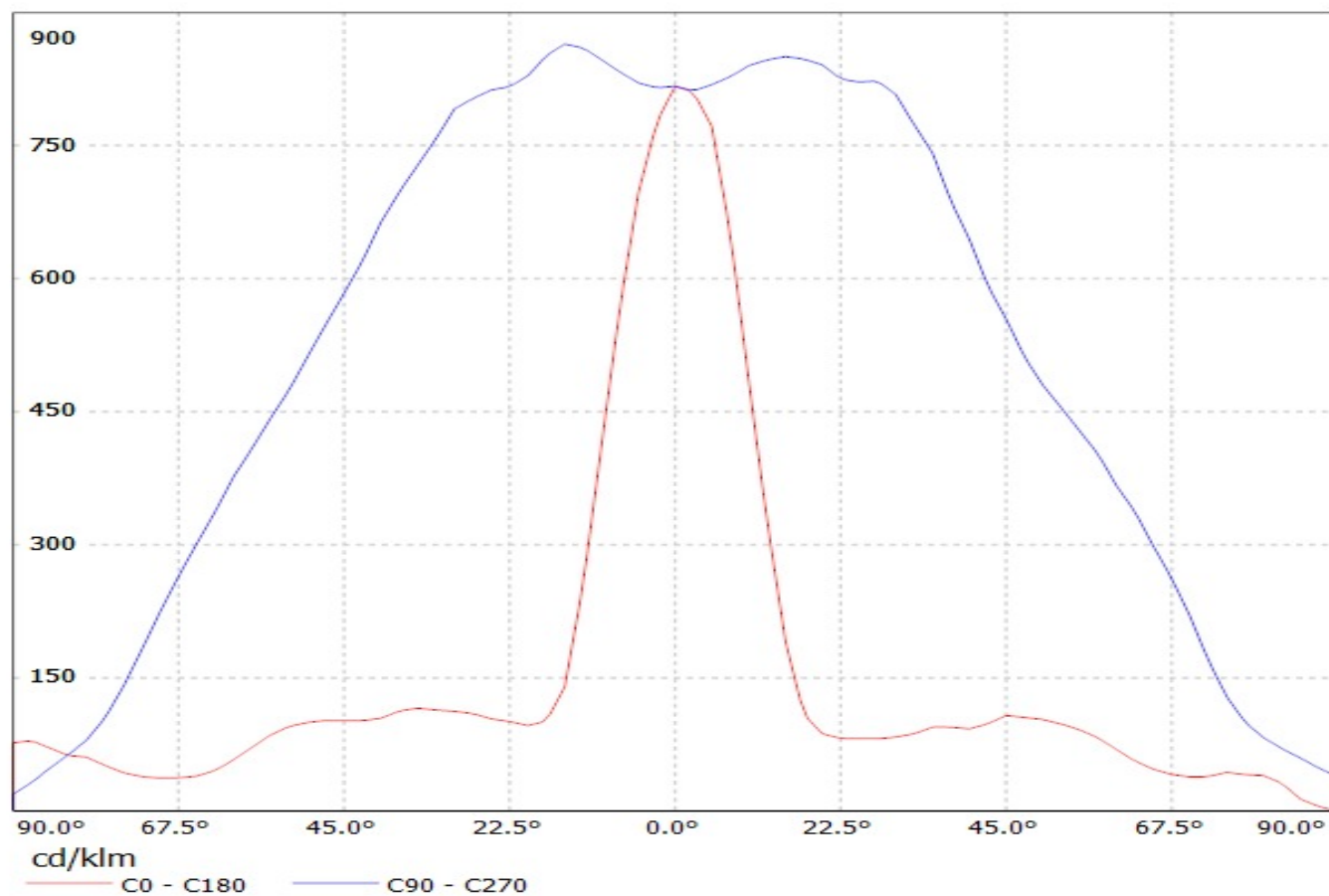
http://ledil.fi/sites/default/files/Documents/Technical/Material/PMMA%20N%20UL94_Yellow%20Card.pdf

<http://ledil.fi/sites/default/files/Documents/Technical/Material/PMMA%20N%20PLEXIGLAS-Datasheet.pdf>

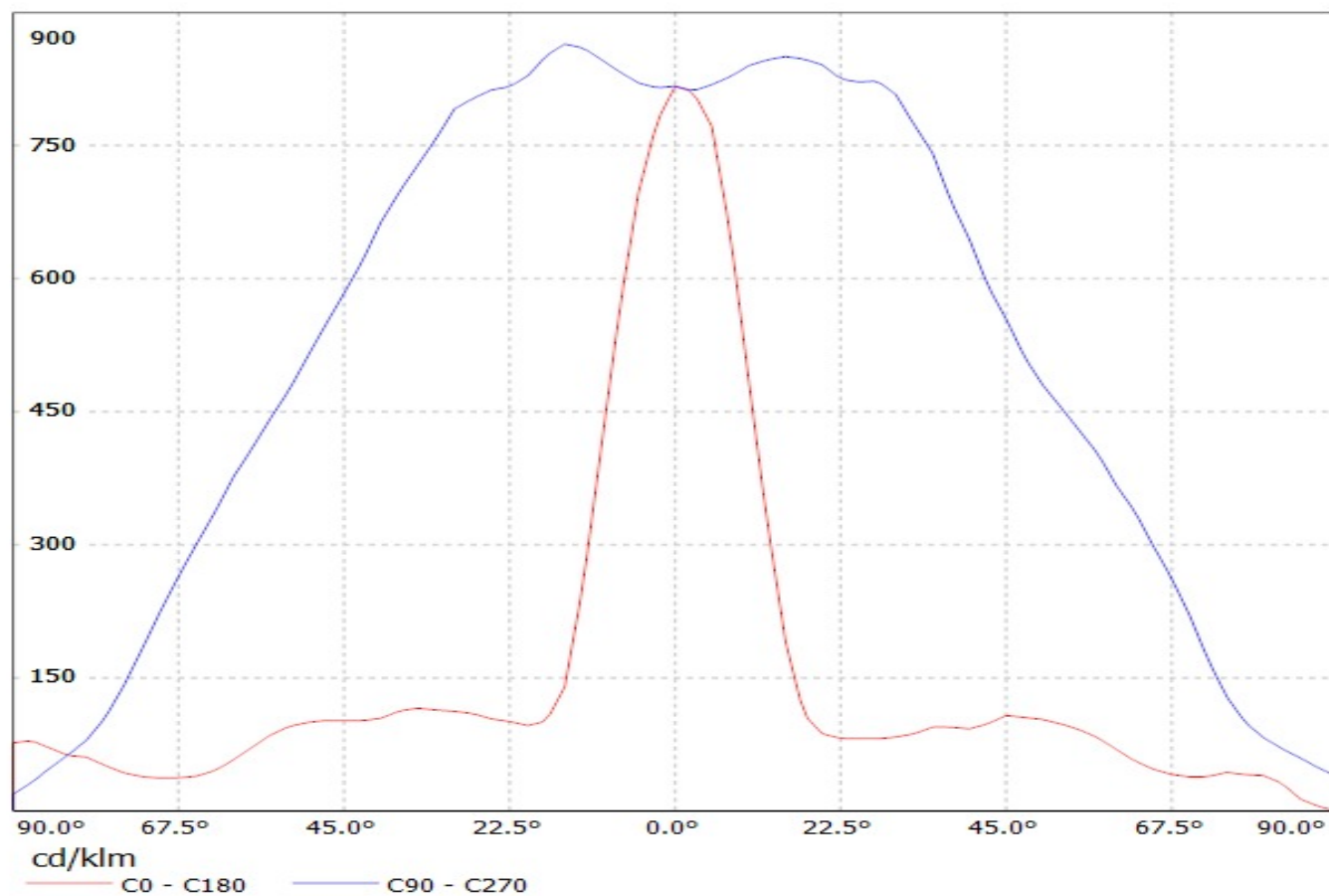
Luminaire: Ledil Oy C13012_FLARE-MAXI-D (Luxeon RE-ES 92lm @ 250mA) Efficiency=94%
Lamps: 1 x Luxeon RE-ES 92lm @ 250mA



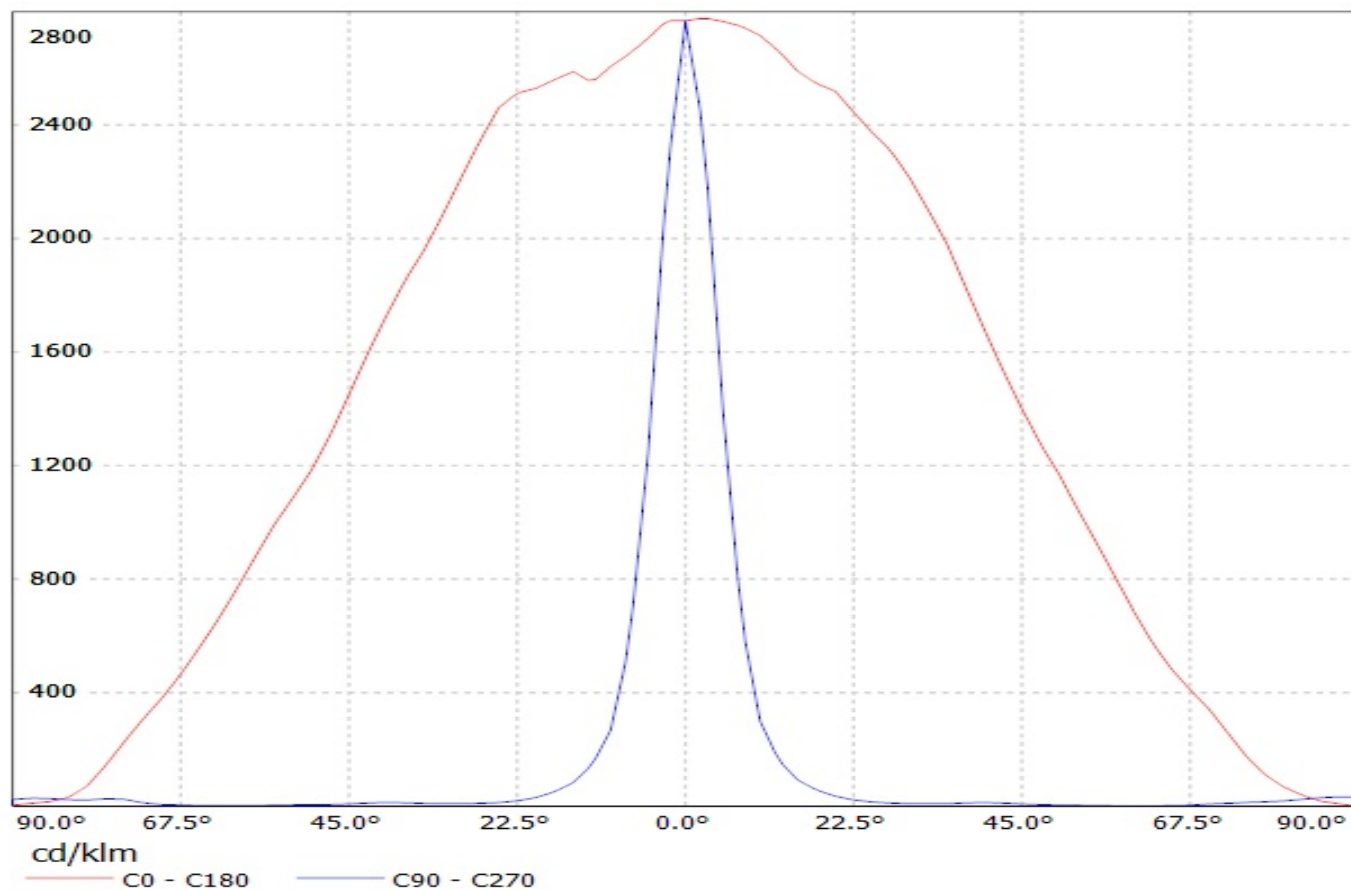
Luminaire: Ledil Oy CA12764/CA12838_FLARE-MINI-A (Luxeon Rebel ES 92lm @ 250mA) Efficiency=94%
Lamps: 1 x Luxeon Rebel ES 92lm @ 250mA



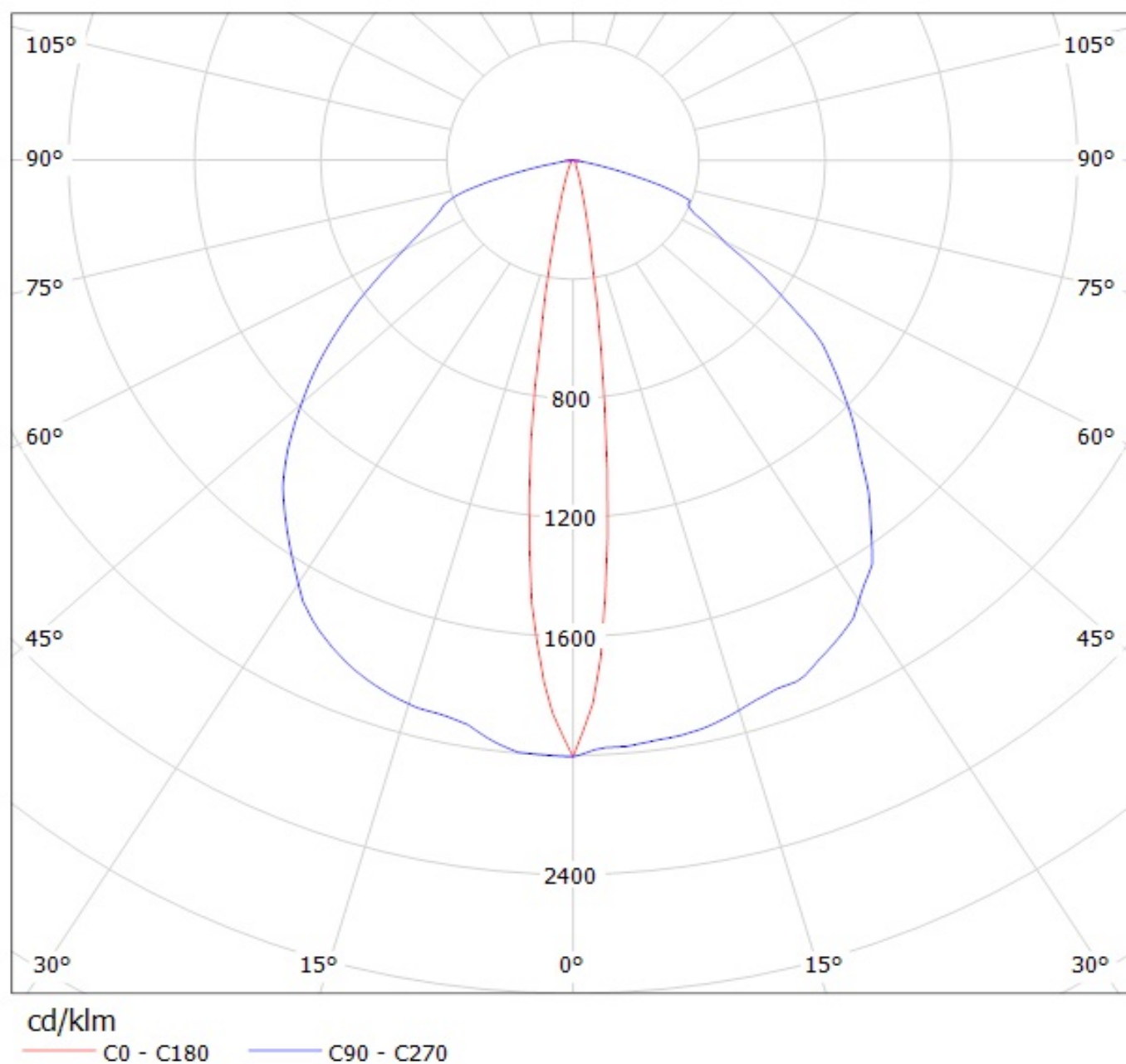
Luminaire: Ledil Oy CA12764/CA12838_FLARE-MINI-A (Luxeon Rebel ES 92lm @ 250mA) Efficiency=94%
Lamps: 1 x Luxeon Rebel ES 92lm @ 250mA



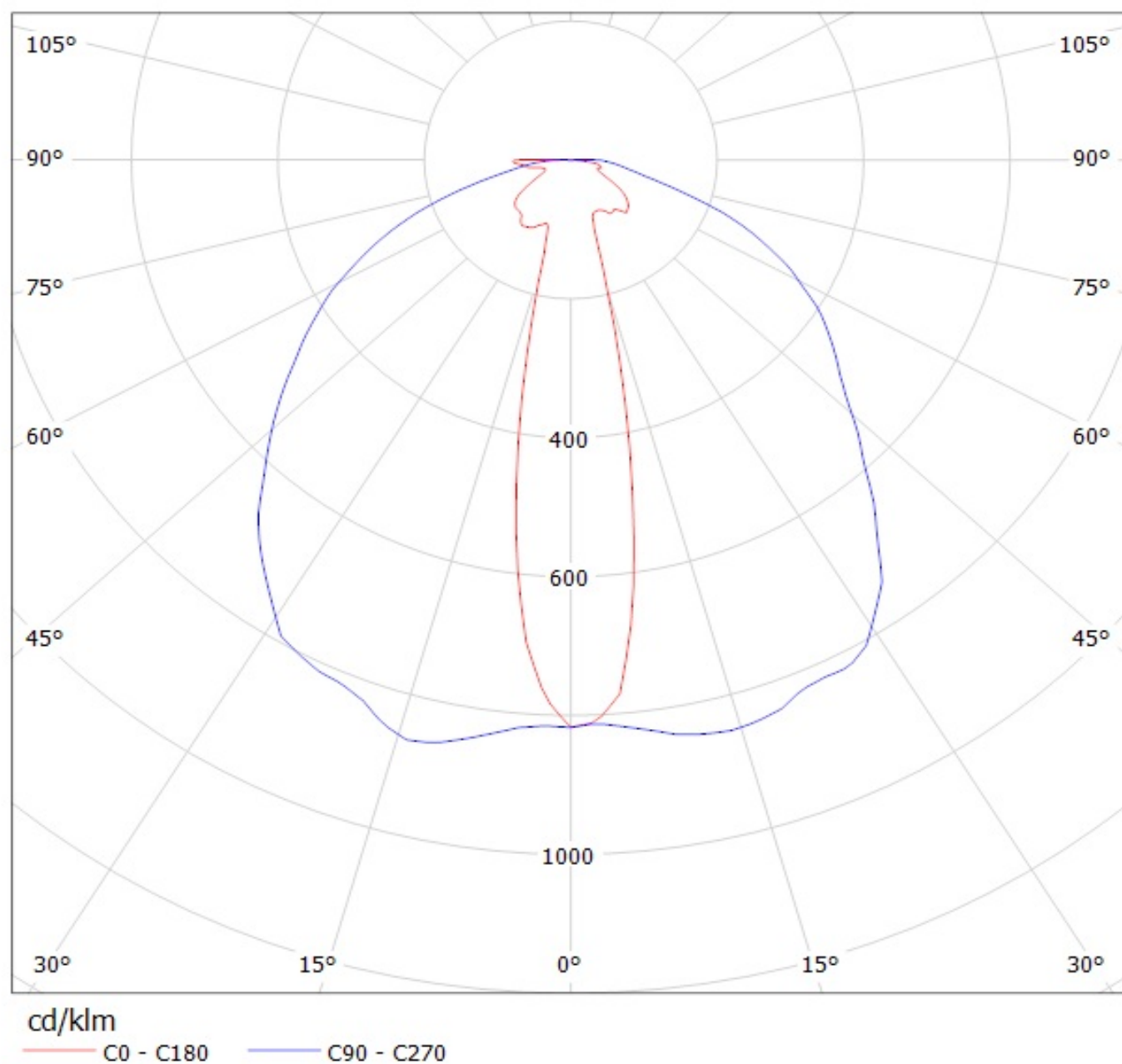
Luminaire: Ledil Oy C12868_FLARE-MAXI (Luxeon Rebel ES 89lm @ 250mA) Efficiency=94%
Lamps: 1 x Luxeon Rebel ES 89lm @ 250mA



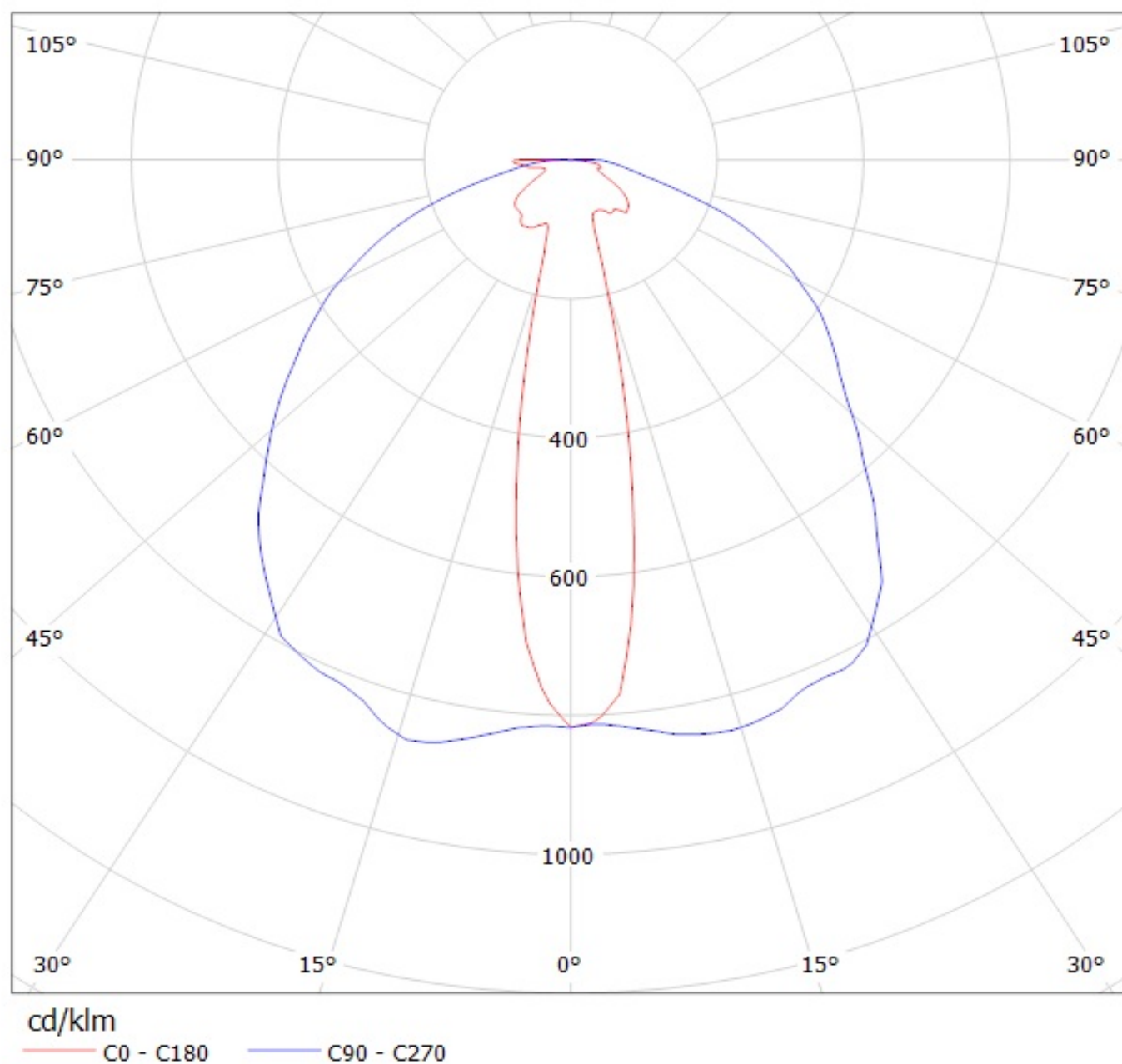
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Luminaire: Ledil Oy C12868_FLARE-MAXI (Luxeon Rebel ES 89lm @ 250mA) Efficiency=94%
Lamps: 1 x Luxeon Rebel ES 89lm @ 250mA

