

**Ordering number C13012_FLARE-MAXI-D**

Family	Flare	FWHM	25+102 degrees
Type	Lens	Efficiency	94 %
LED	LUXEON M	cd/Im	1.400
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 C12868_FLARE-MAXI

Family	Flare	FWHM	100+23 degrees
Type	Lens	Efficiency	94 %
LED	LUXEON M	cd/Im	1.400
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		

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 22/4/2013

PHILIPS
LUMILEDS

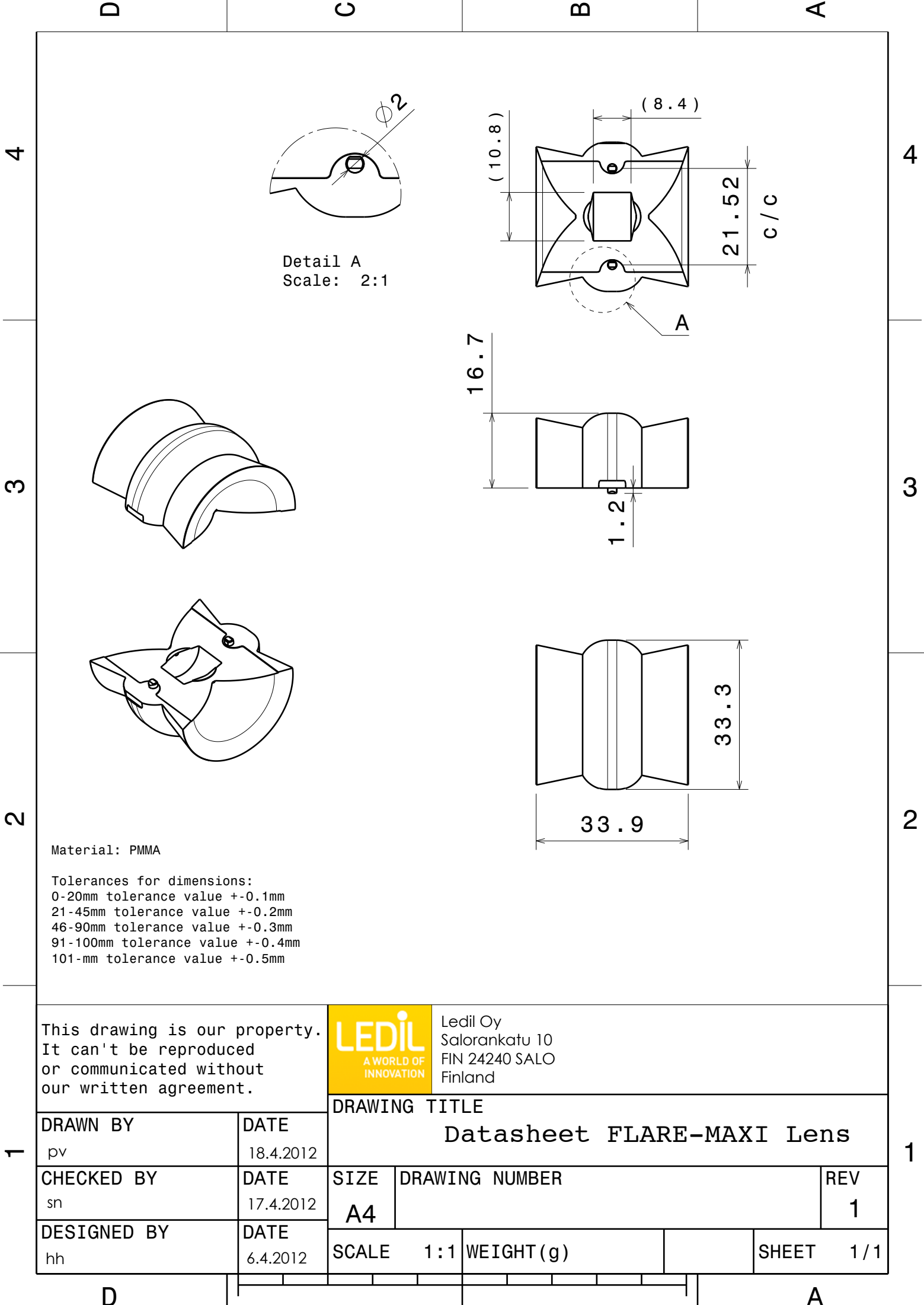
GENERAL INFORMATION

- Product series especially designed & optimized for LUXEON M 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>



Material: PMMA

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 $\pm 0.5\text{mm}$

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Ledil Oy
Salorankatu 10
FIN 24240 SALO
Finland

DRAWING TITLE

Datasheet FLARE-MAXI Lens

DRAWN BY

pv

DATE

18.4.2012

CHECKED BY

sn

DATE

17.4.2012

DESIGNED BY

hh

DATE

6.4.2012

SIZE

A4

DRAWING NUMBER

REV

1

SCALE

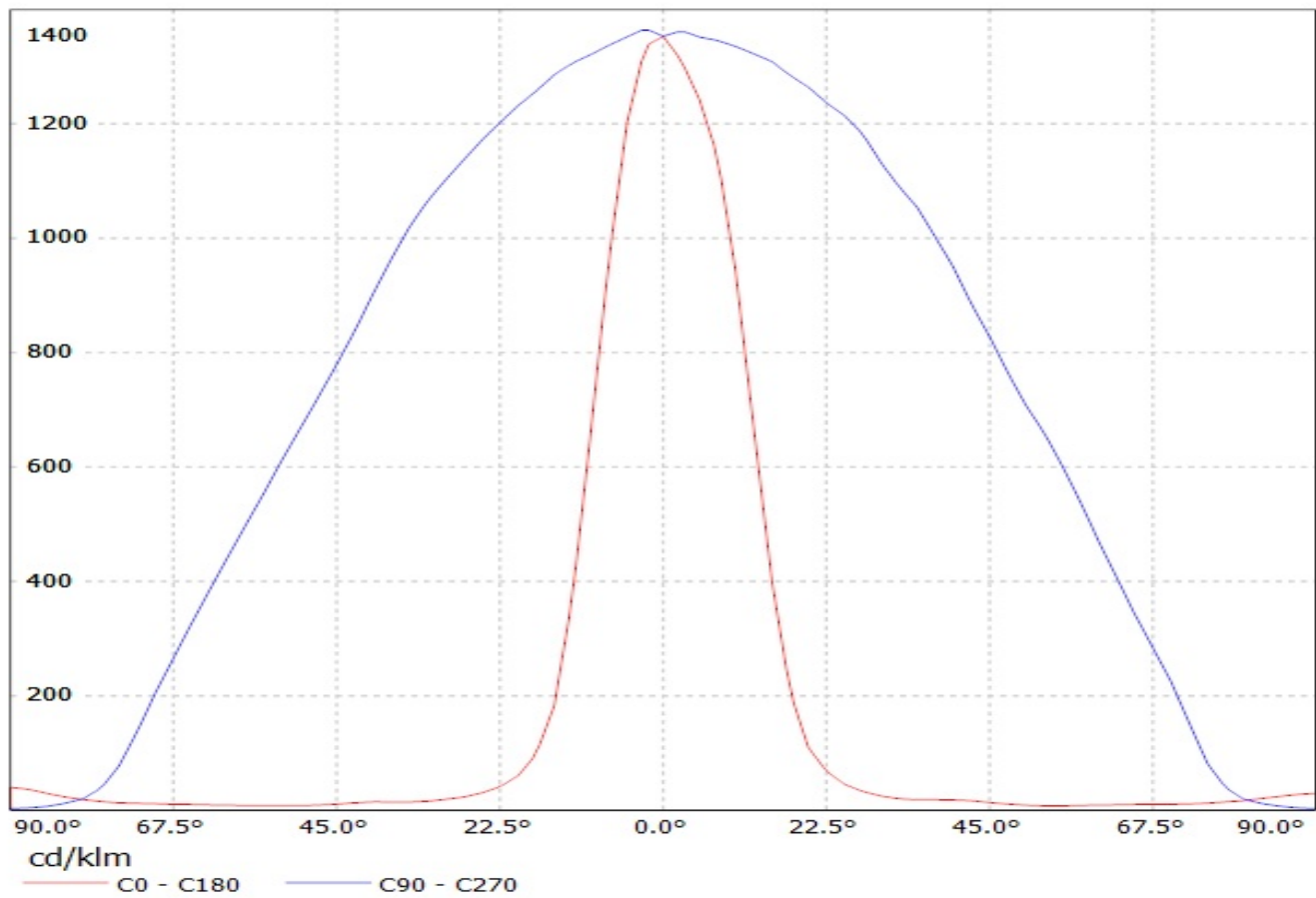
1:1

WEIGHT (g)

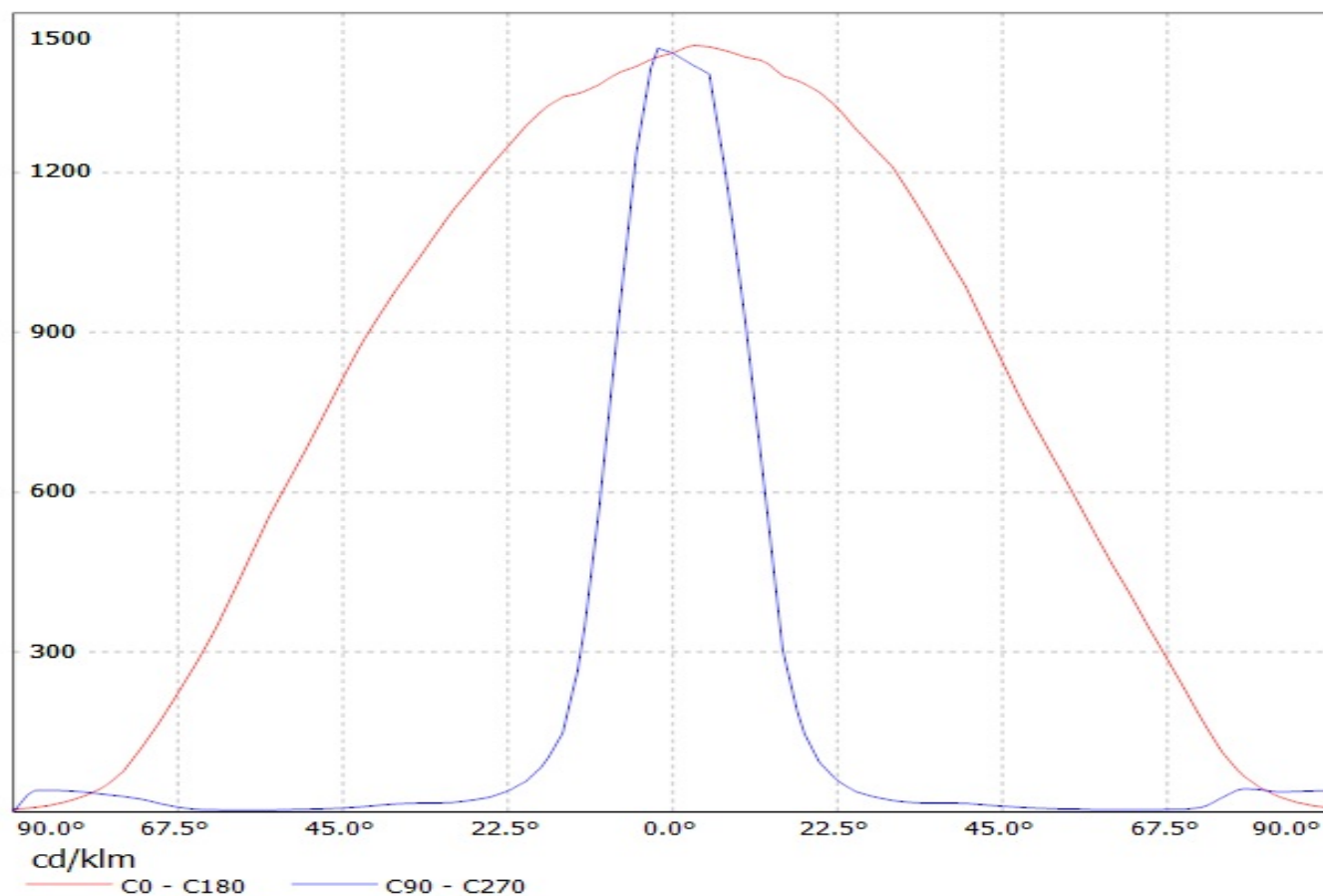
SHEET

1/1

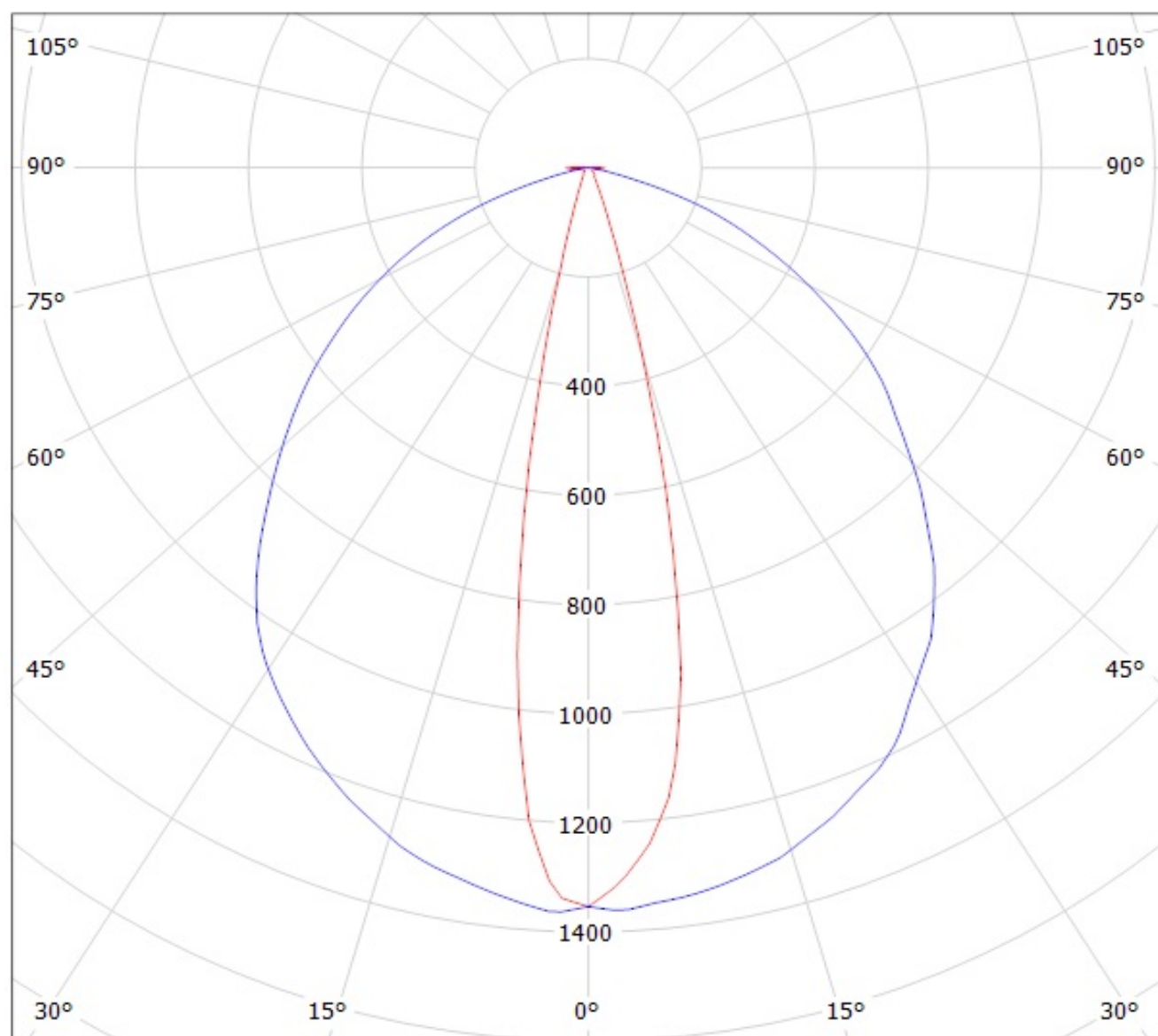
Luminaire: Ledil Oy C13012_FLARE-MAXI-D (Luxeon M 342lm @250mA) Efficiency=94%
Lamps: 1 x Luxeon M 342lm @250mA



Luminaire: Ledil Oy C12868_FLARE-MAXI (Luxeon M 361lm @ 250mA) Efficiency=94%
Lamps: 1 x Luxeon M 361lm @ 250mA



Luminaire: Ledil Oy C13012_FLARE-MAXI-D (Luxeon M 342lm @250mA) Efficiency=94%
Lamps: 1 x Luxeon M 342lm @250mA



cd/klm

— C0 - C180

— C90 - C270

Luminaire: Ledil Oy C12868_FLARE-MAXI (Luxeon M 361lm @ 250mA) Efficiency=94%
Lamps: 1 x Luxeon M 361lm @ 250mA

