

**Ordering number C12868_FLARE-MAXI**

Family	Flare	FWHM	10+96 degrees
Type	Lens	Efficiency	92 %
LED	LUXEON T	cd/Im	2.900
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 C13012_FLARE-MAXI-D

Family	Flare	FWHM	13+102 degrees
Type	Lens	Efficiency	92 %
LED	LUXEON T	cd/Im	1.800
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 CA12838_FLARE-MINI-A-PIN

Family	Flare	FWHM	19+95 degrees
Type	Assembly	Efficiency	93 %
LED	LUXEON T	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 CA10932
Description 1**

Family	Flare	FWHM	13+105 degrees
Type	Assembly	Efficiency	93 %
LED	LUXEON T	cd/Im	1.500
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		



PRODUCT DATASHEET

Flare series

last update 21/1/2013

PHILIPS
LUMILEDS

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 21/1/2013

PHILIPS
LUMILEDS

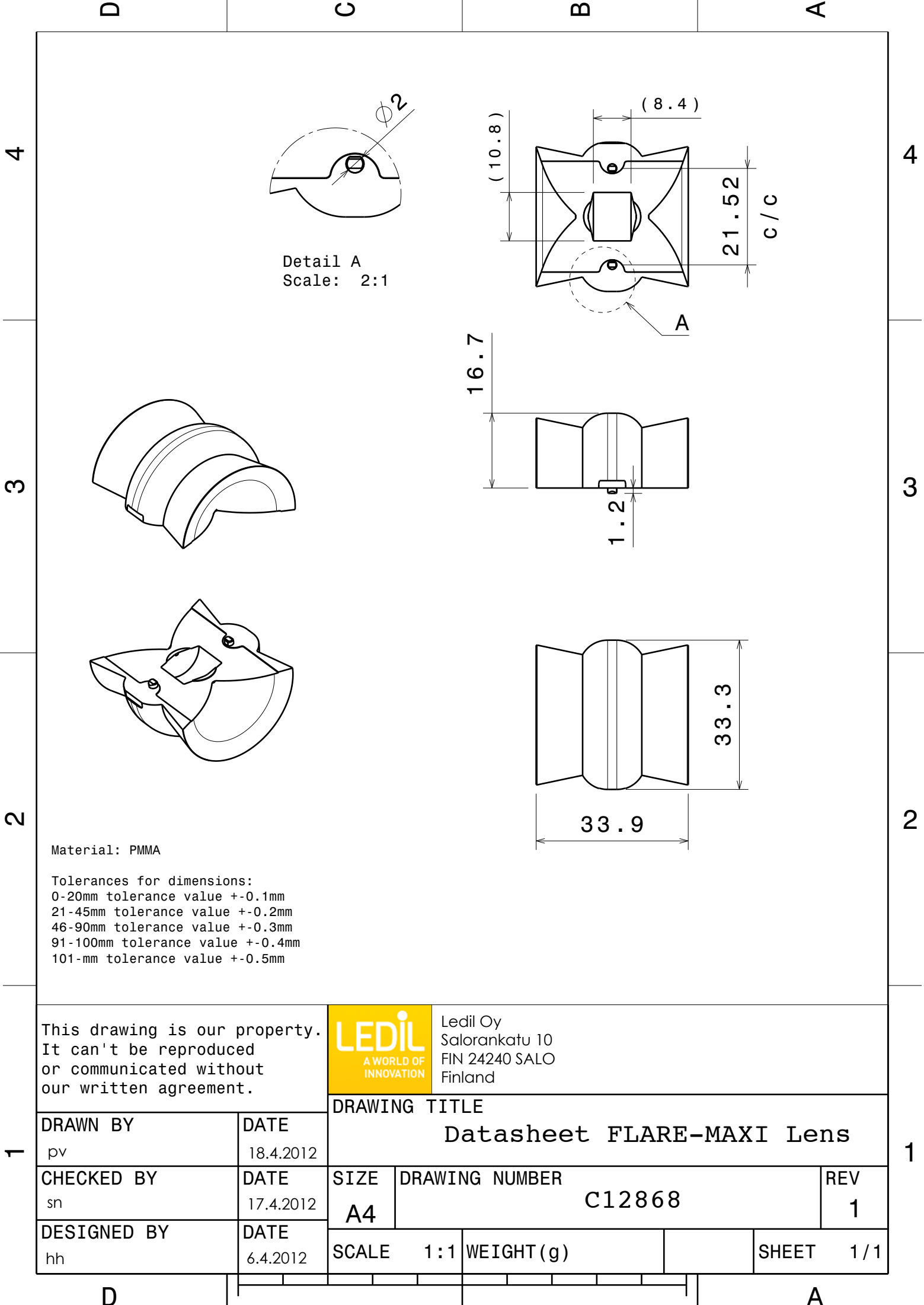
GENERAL INFORMATION

- Product series especially designed & optimized for LUXEON T 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

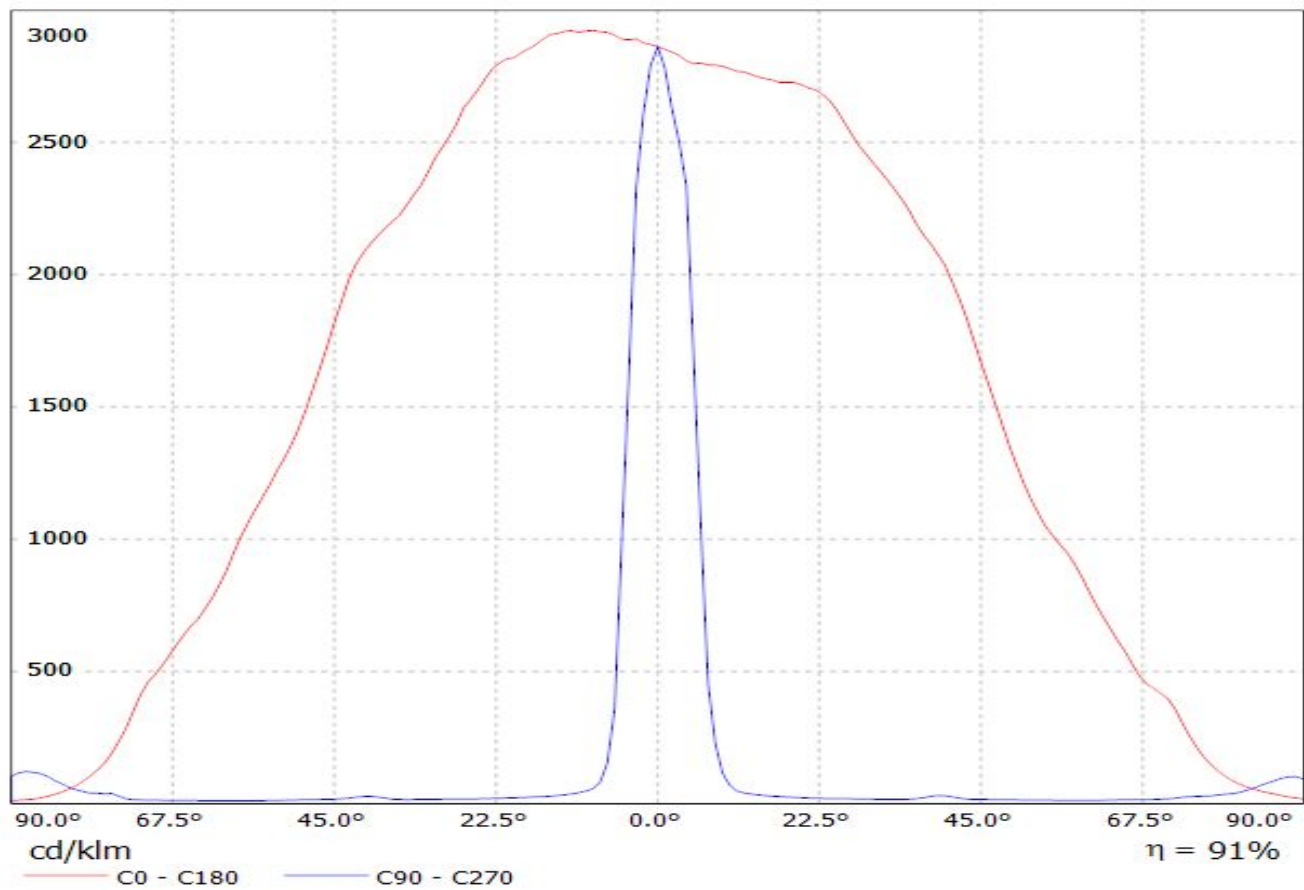
DRAWING TITLE

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 C12868	REV 1
SCALE 1 : 1	WEIGHT (g)	SHEET 1 / 1

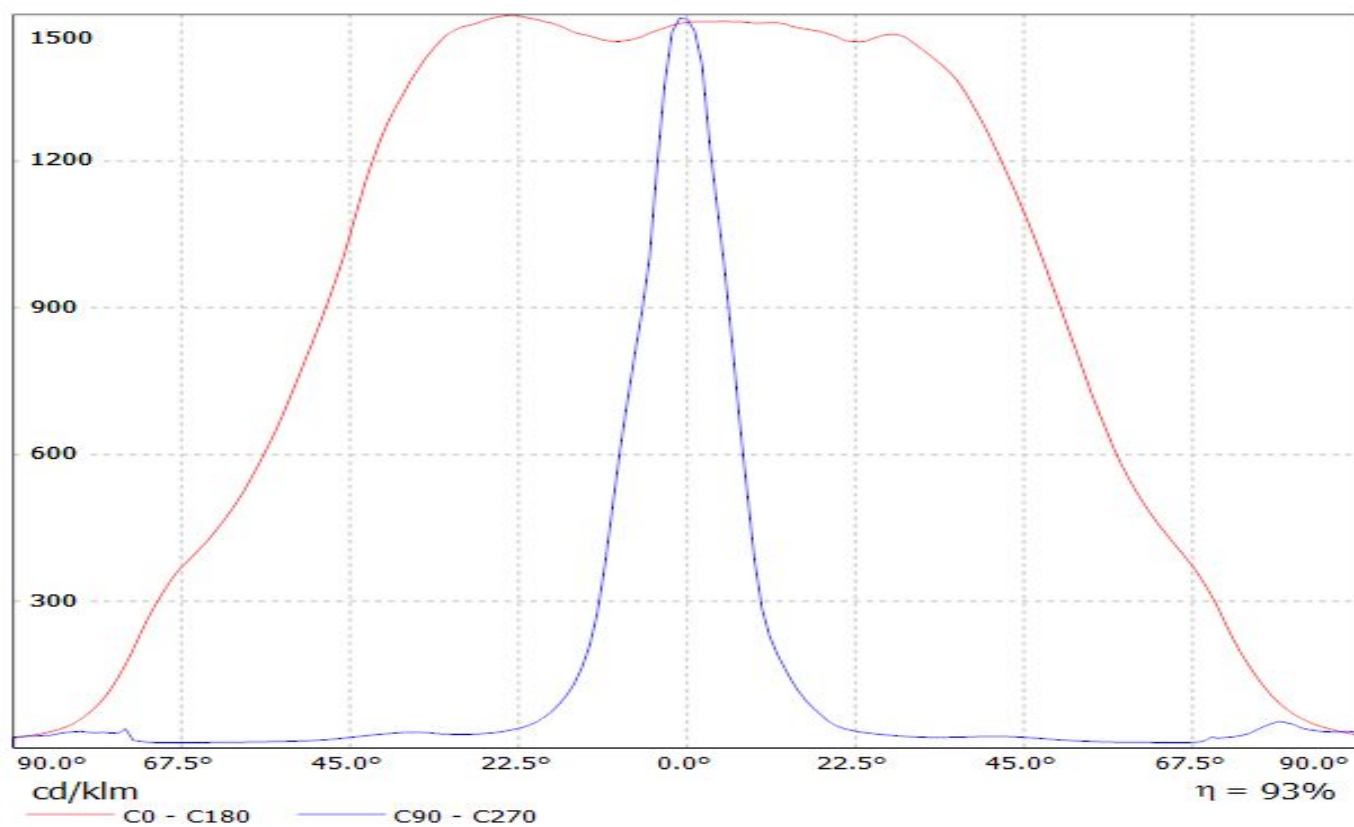
Luminaire: LEDiL Oy C12868_FLARE-MAXI_(LUXEON_T)_3 Eff.91.5%
Lamps: 1 x LUXEON T (74lm@250mA)



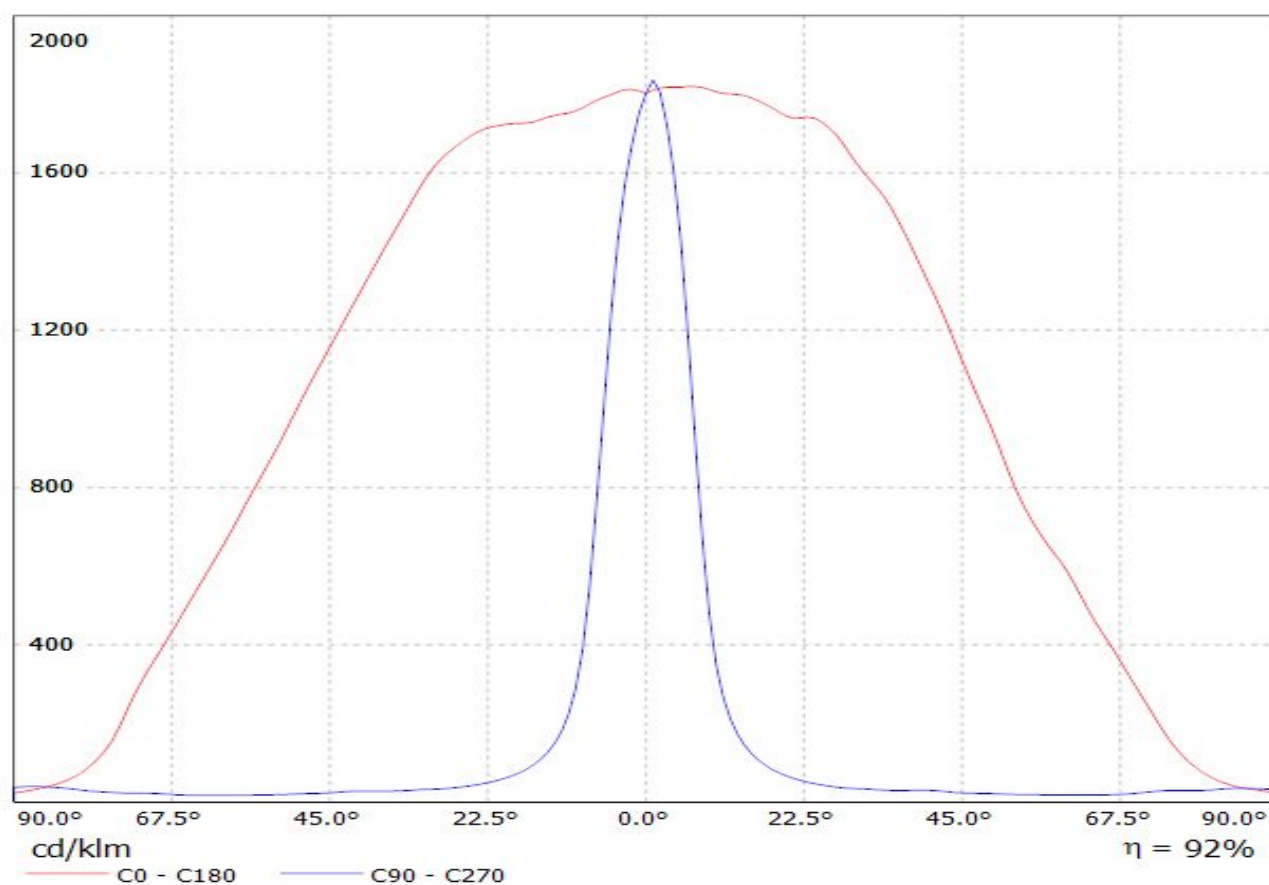
LEDiL Oy CA10932_FLARE-B_(LUXEON_T)_2 Eff.92.7% / LDC (Linear)

Luminaire: LEDiL Oy CA10932_FLARE-B_(LUXEON_T)_2 Eff.92.7%

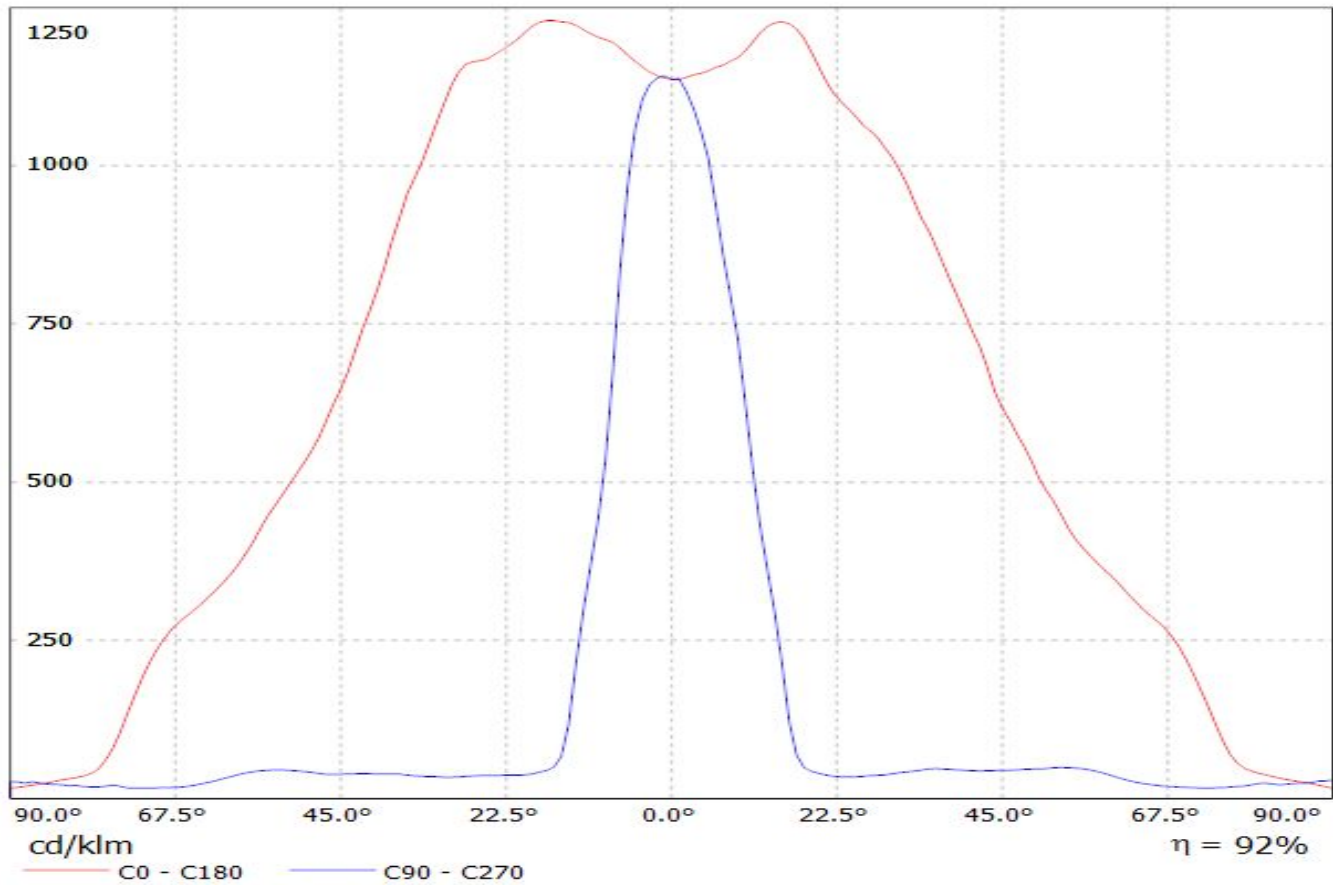
Lamps: 1 x LUXEON T (74lm@250mA)



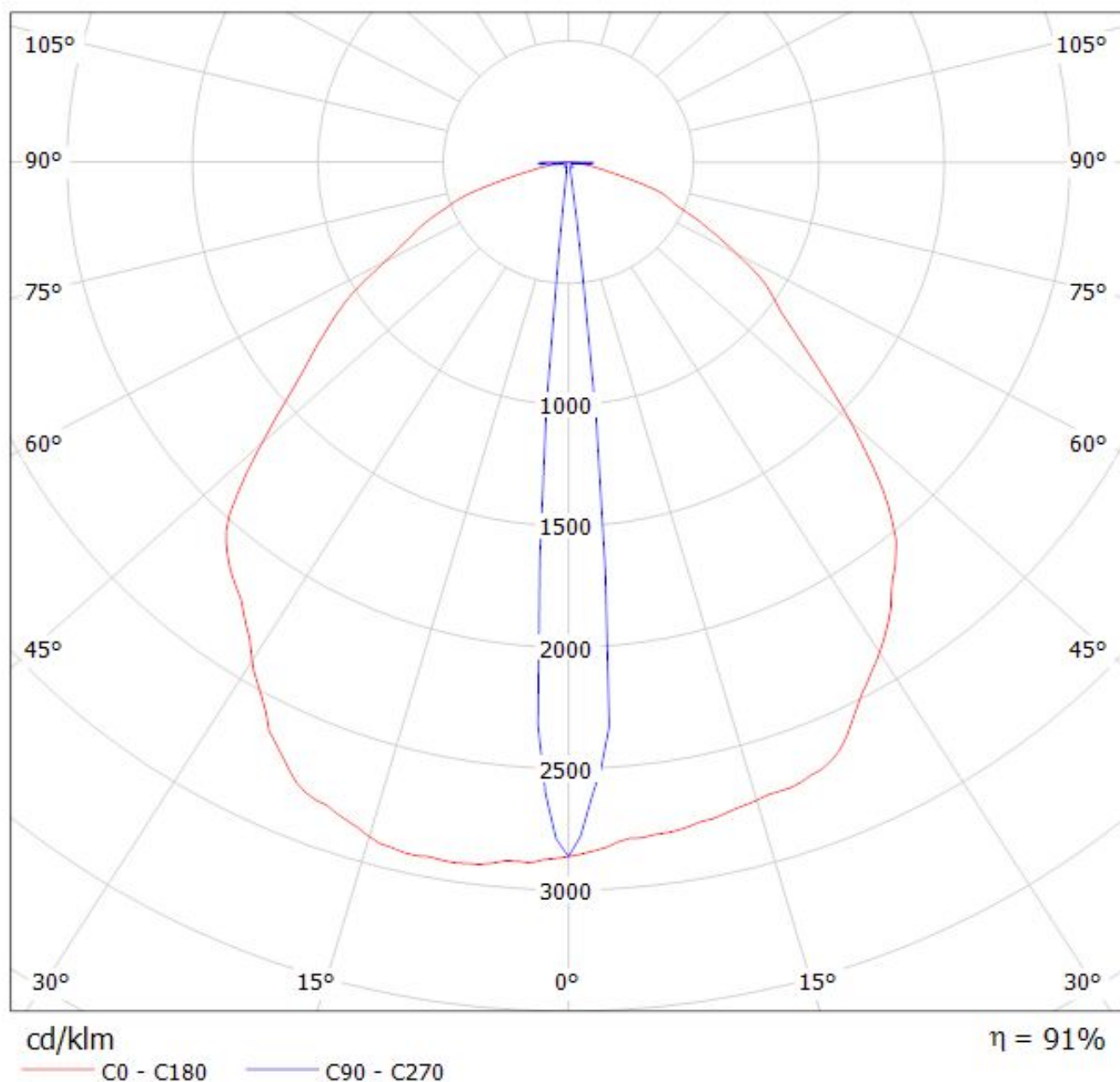
Luminaire: LEDiL Oy C13012_FLARE-MAXI-D_(LUXEON_T) Eff.92.0%
Lamps: 1 x LUXEON T (74lm@250mA)



Luminaire: LEDiL Oy CA12838_FLARE-MINI-A-PIN_(LUXEON_T)_1 Eff.92.5%
Lamps: 1 x LUXEON T (74lm@250mA)



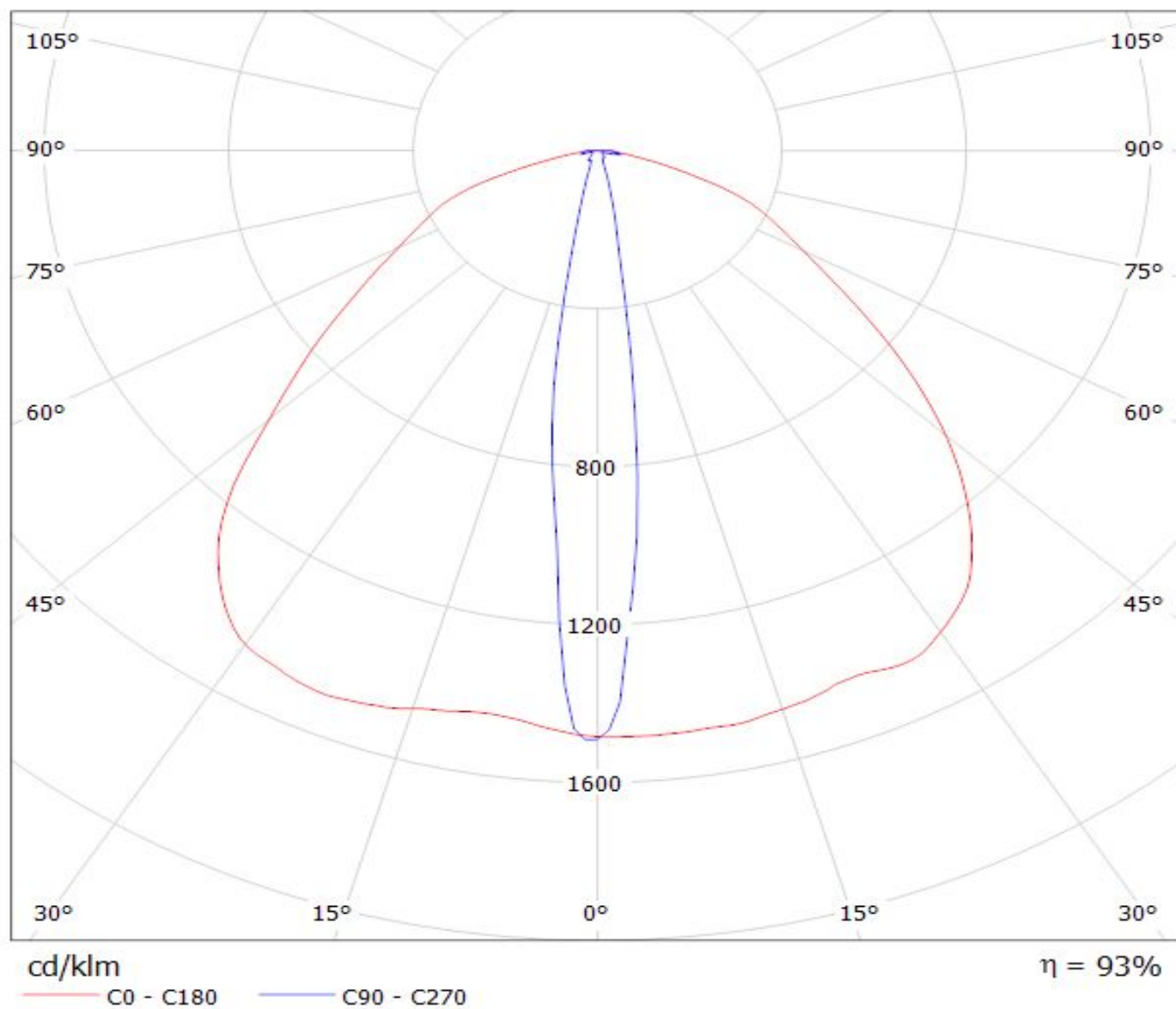
Luminaire: LEDiL Oy C12868_FLARE-MAXI_(LUXEON_T)_3 Eff.91.5%
Lamps: 1 x LUXEON T (74lm@250mA)



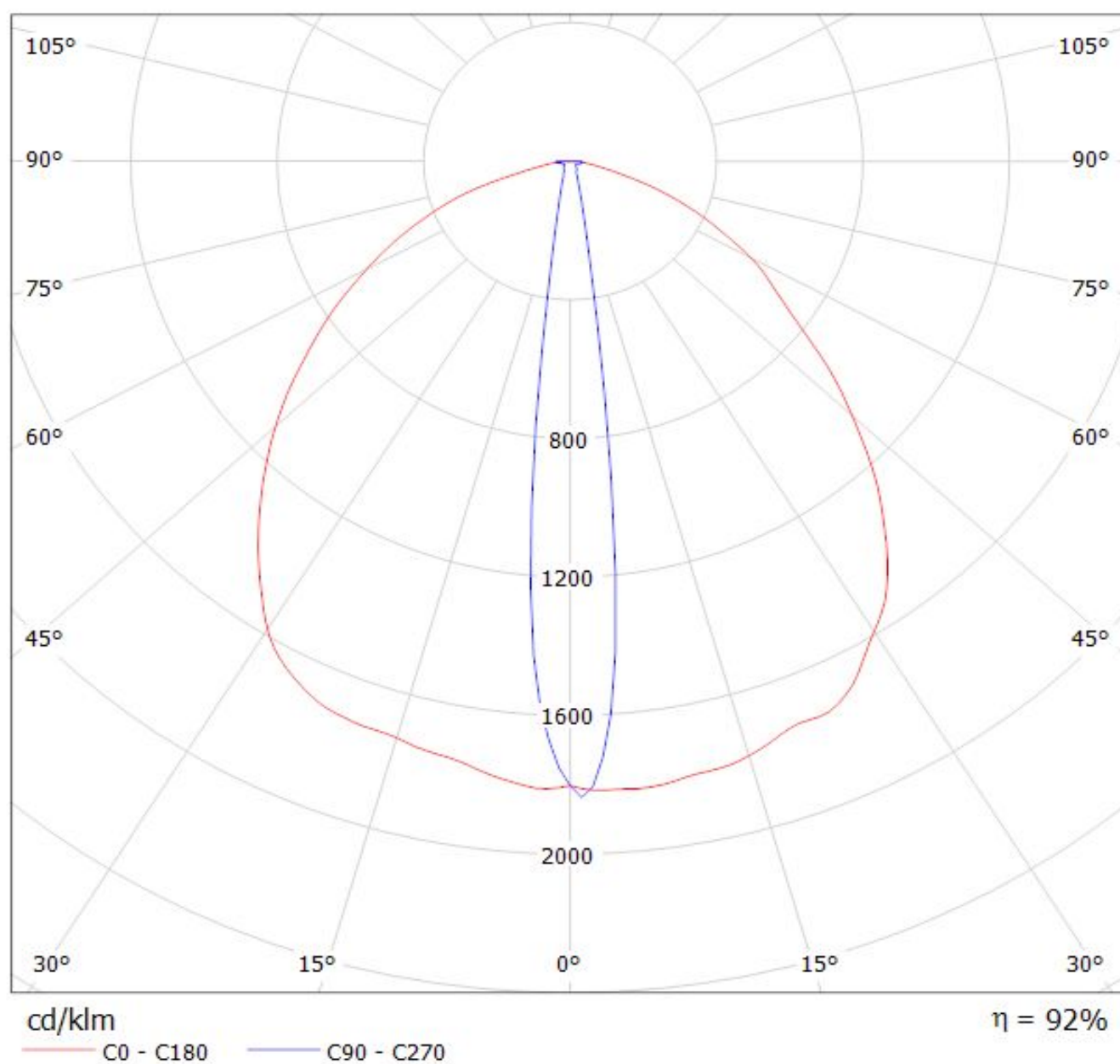
LEDiL Oy CA10932_FLARE-B_(LUXEON_T)_2 Eff.92.7% / LDC (Polar)

Luminaire: LEDiL Oy CA10932_FLARE-B_(LUXEON_T)_2 Eff.92.7%

Lamps: 1 x LUXEON T (74lm@250mA)



Luminaire: LEDiL Oy C13012_FLARE-MAXI-D_(LUXEON_T) Eff.92.0%
Lamps: 1 x LUXEON T (74lm@250mA)



Luminaire: LEDiL Oy CA12838_FLARE-MINI-A-PIN_(LUXEON_T)_1 Eff.92.5%
Lamps: 1 x LUXEON T (74lm@250mA)

