

**Ordering number C12528\_PETUNIA**

Family	Petunia	FWHM	29 degrees
Type	Lens array	Efficiency	91 %
LED	XP-E	cd/lm	2.200
Color	Clear	Gerber File	Available
Diameter	29.5+46.5 mm		
Height	7.4 mm		
Style	Rectang		
Optic Material	PMMA		
Holder Material	-		
Fastening	Pin		
Status	On production		

**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

### Petunia series

last update 28/5/2012

#### GENERAL INFORMATION

- Product series especially designed & optimized for XP-E 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:

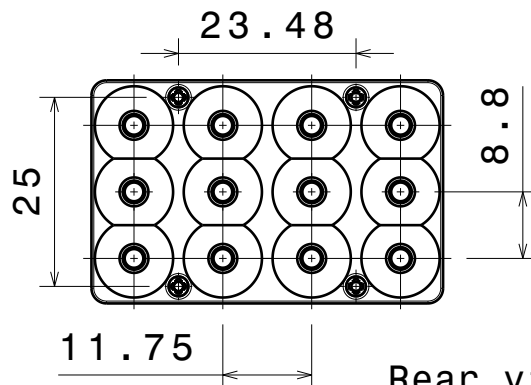
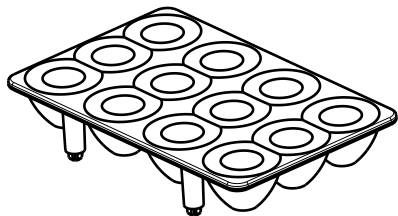
[http://ledil.fi/sites/default/files/Documents/Technical/Material/PMMA%20N%20UL94\\_Yellow%20Card.pdf](http://ledil.fi/sites/default/files/Documents/Technical/Material/PMMA%20N%20UL94_Yellow%20Card.pdf)

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

D C B A

4

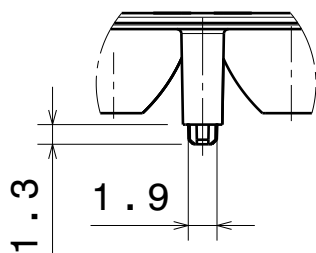
4



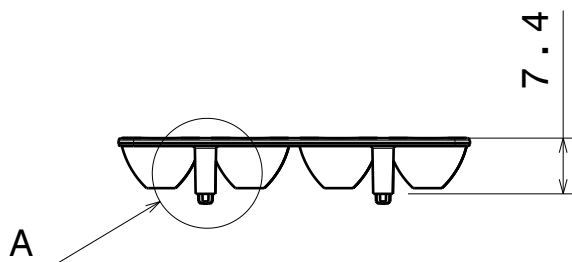
Rear view  
Scale: 1:1

3

3



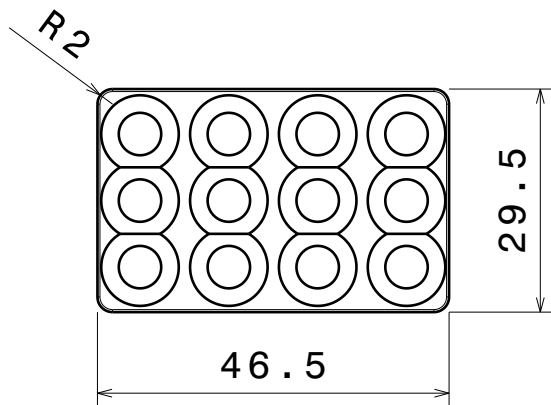
Detail A  
Scale: 2:1



Bottom view  
Scale: 1:1

2

2



Front view  
Scale: 1:1

Material: PMMA

Tolerances if not otherwise shown:  
According to DIN ISO 2768-1  
Linear measures:  
Up to 30mm class F, otherwise class M.

According to DIN ISO 2768-2  
Form and position:  
class K

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Ledil Oy  
Salorankatu 10  
FIN 24240 SALO  
Finland

DRAWING TITLE

Datasheet Petunia-OSL Lens

1

1

DRAWN BY  
pl

DATE  
27.01.2012

CHECKED BY  
xx

DATE  
xx.xx.2011

SIZE  
A4

DRAWING NUMBER  
C12528

REV  
1

DESIGNED BY  
pl

DATE  
13.12.2011

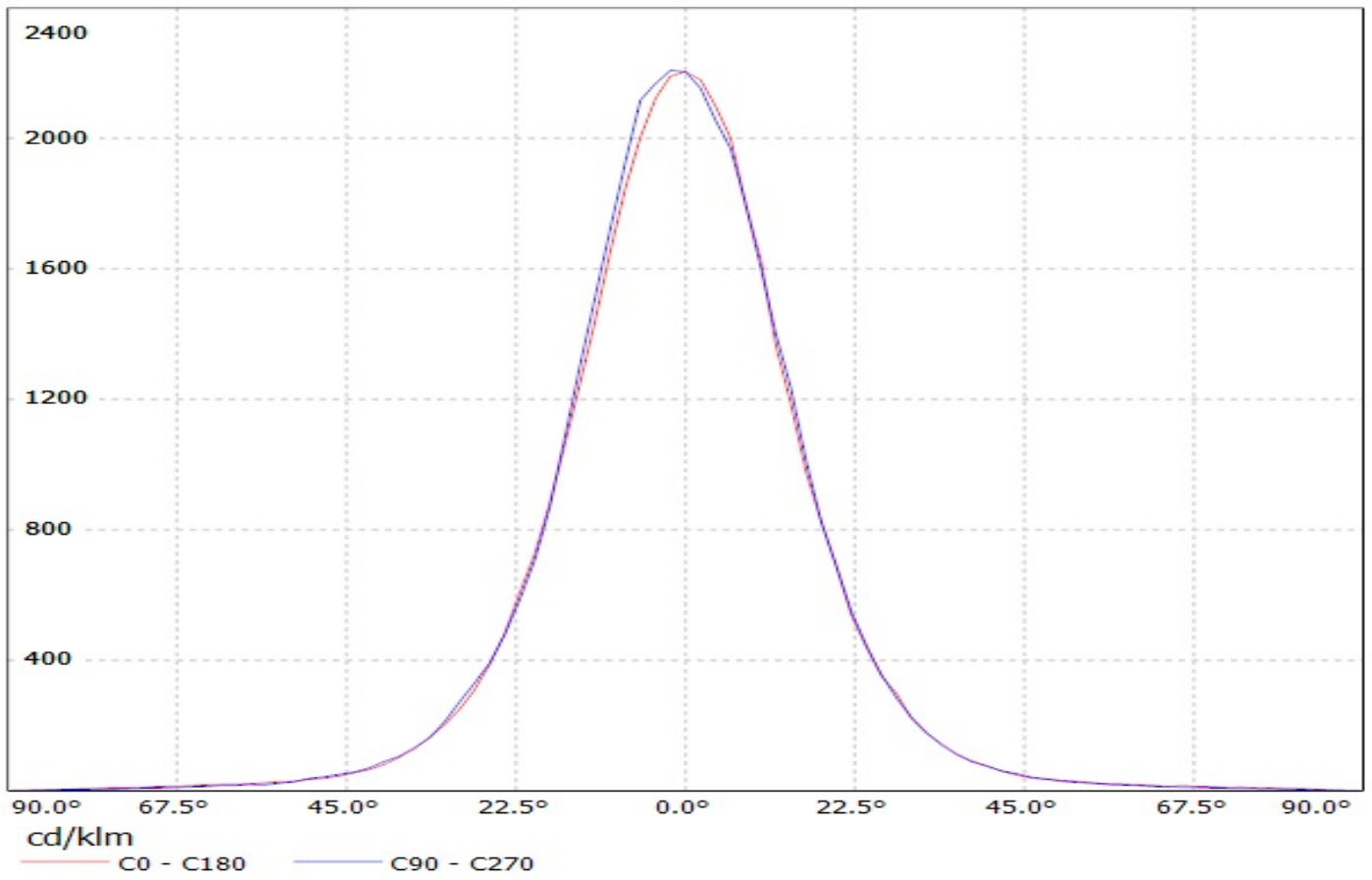
SCALE 1:1 WEIGHT (g)

SHEET 1/1

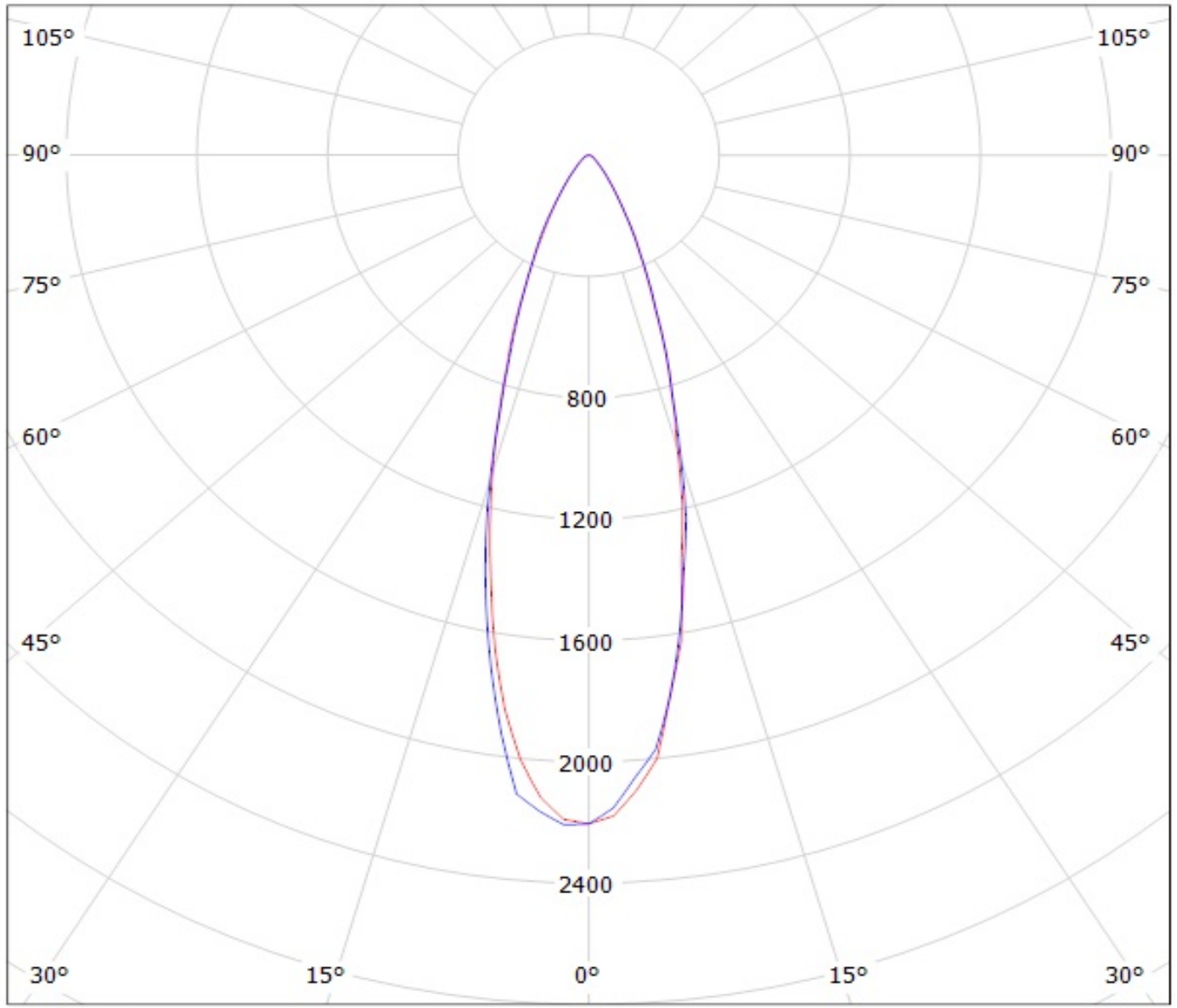
D

A

Luminaire: Ledil Oy C12528\_Petunia (Cree XP-E 862lm @ 250mA) Efficiency=91%  
Lamps: 1 x Cree XP-E 862lm @ 250mA



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cd/klm

— C0 - C180    — C90 - C270