

## PETUNIA2

~25° beam with more space for 3535 HP LEDs

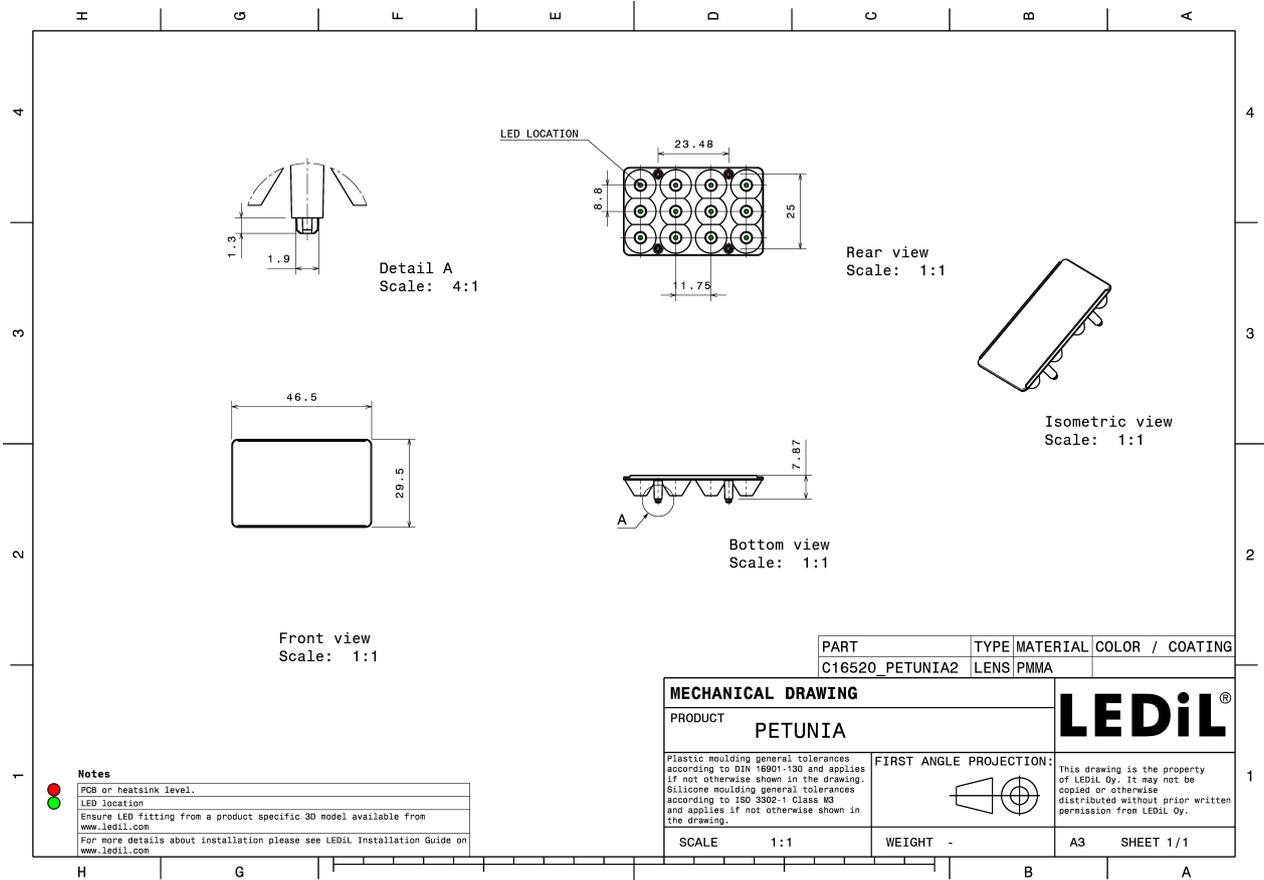
### TECHNICAL SPECIFICATIONS:

Dimensions	29.5 x 46.5 mm
Height	7.4 mm
Fastening	pin
Colour	clear
Box size	480 x 280 x 300 mm
Box weight	7.9 kg
Quantity in Box	1000 pcs
ROHS compliant	yes ⓘ



### MATERIAL SPECIFICATIONS:

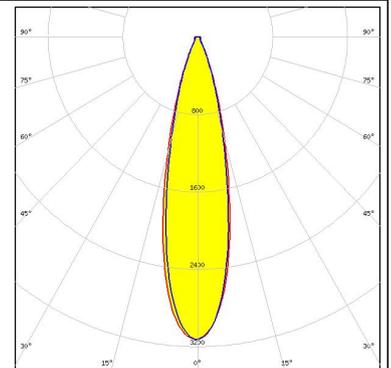
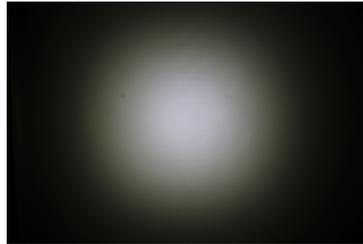
Component	Type	Material	Colour
PETUNIA2	Multi-lens	PMMA	clear



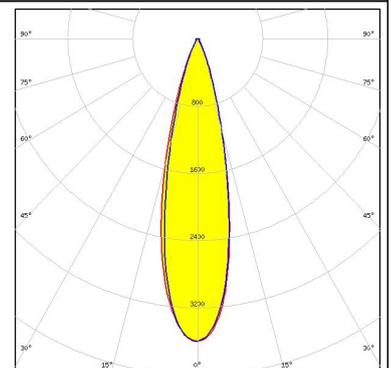
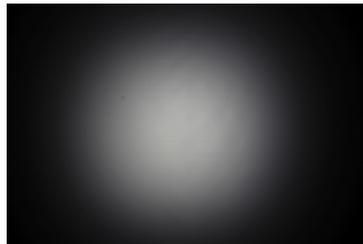
### PHOTOMETRIC DATA (MEASURED):



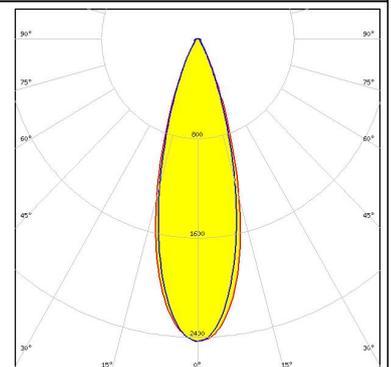
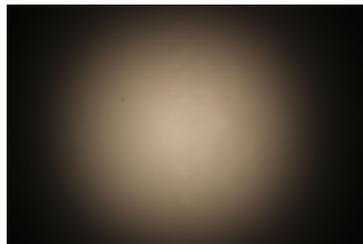
LED XB-D  
FWHM 25.0°  
Efficiency 93 %  
Peak intensity 3.100 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



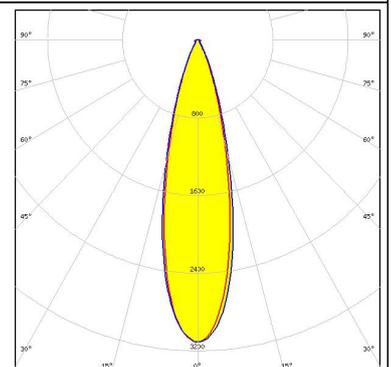
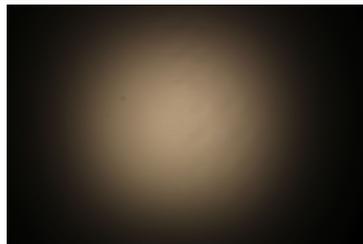
LED XP-E  
FWHM 25.0°  
Efficiency 93 %  
Peak intensity 3.600 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED LUXEON A  
FWHM 31.0°  
Efficiency 93 %  
Peak intensity 2.400 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



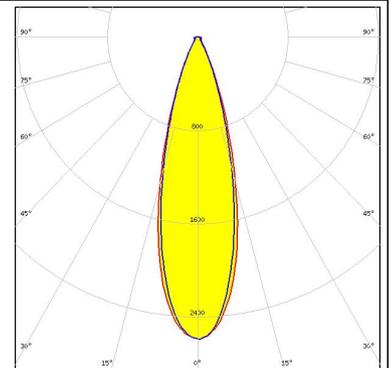
LED LUXEON Rebel  
FWHM 26.0°  
Efficiency 93 %  
Peak intensity 3.100 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



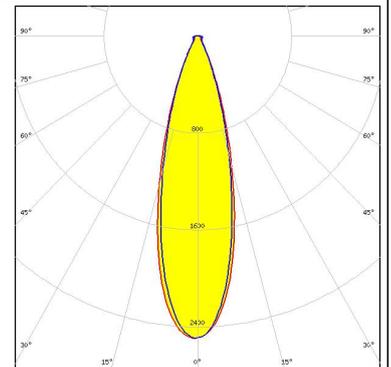
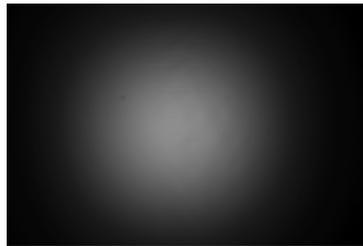
### PHOTOMETRIC DATA (MEASURED):



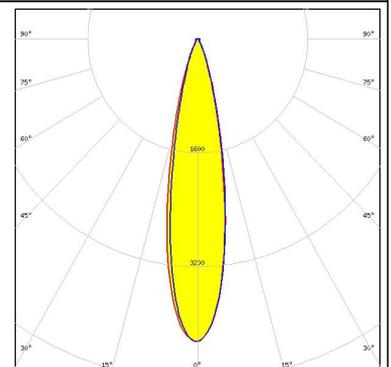
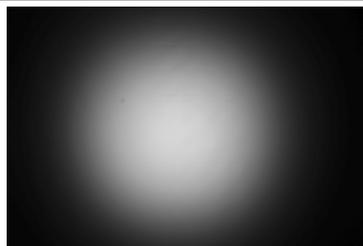
LED LUXEON Rebel ES  
 FWHM 29.0°  
 Efficiency 93 %  
 Peak intensity 2.600 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



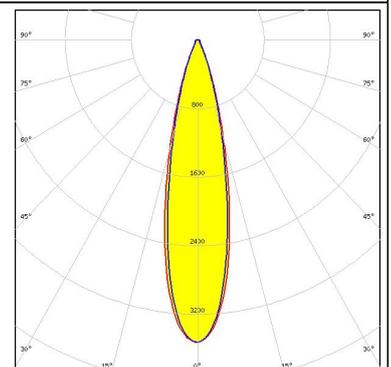
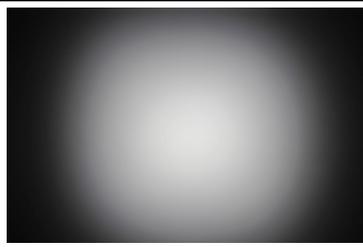
LED NVSxx19A  
 FWHM 28.0°  
 Efficiency 92 %  
 Peak intensity 2.500 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED OSLON SSL 150  
 FWHM 22.0°  
 Efficiency 94 %  
 Peak intensity 4.300 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



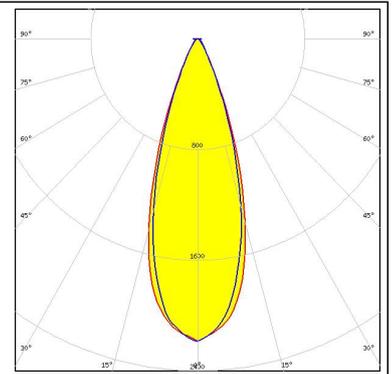
LED OSLON SSL 80  
 FWHM 24.0°  
 Efficiency 93 %  
 Peak intensity 3.500 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



## PHOTOMETRIC DATA (SIMULATED):

**CREE** 

LED XP-G3  
FWHM 34.0°  
Efficiency 94 %  
Peak intensity 2.190 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



### GENERAL INFORMATION:

NOTE: The typical beam angle will be changed by different color, chip size and chip position tolerance. The typical total beam angle is the full angle measured where the luminous intensity is half of the peak value.

### MATERIALS:

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#### LEDiL Oy

Joensuunkatu 13  
FI-24240 SALO  
Finland

#### LEDiL Inc.

228 West Page Street  
Suite D  
Sycamore IL 60178  
USA

#### Local sales and technical support

[www.ledil.com/  
where\\_to\\_buy](http://www.ledil.com/where_to_buy)

#### Shipping locations

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