

PETUNIA2

~25° beam with more space for 3535 HP LEDs

SPECIFICATION:

Dimensions	29.5 x 46.5 mm
Height	7.4 mm
Fastening	pin
ROHS compliant	yes ⓘ

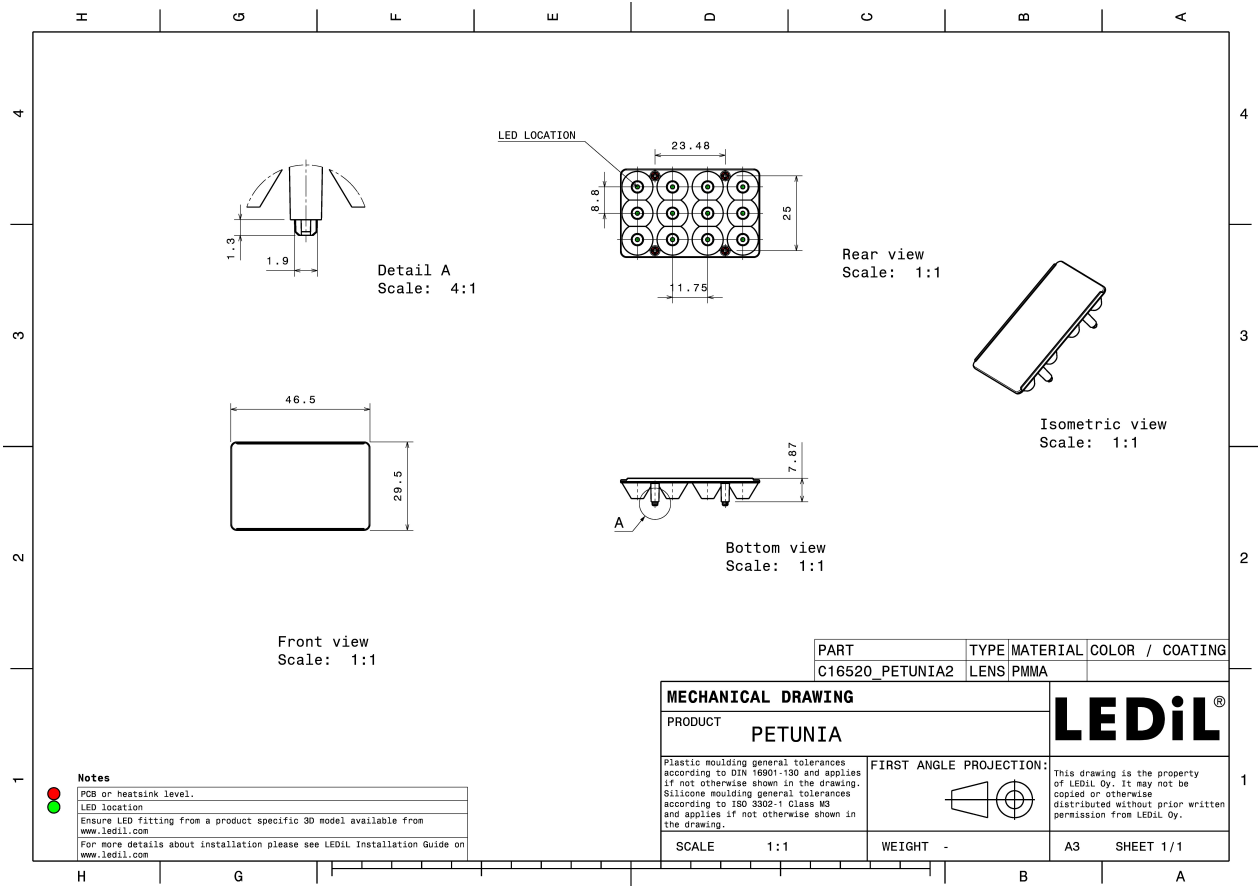
MATERIALS:

Component	Type	Material	Colour	Finish
PETUNIA2	Multi-lens	PMMA	clear	

ORDERING INFORMATION:


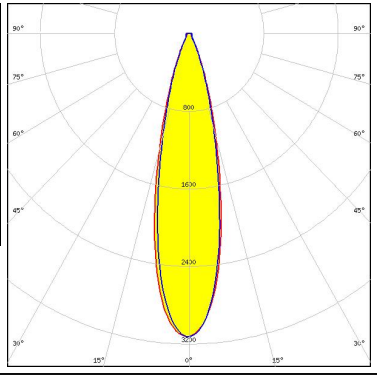

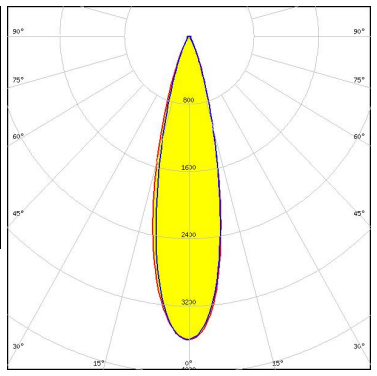

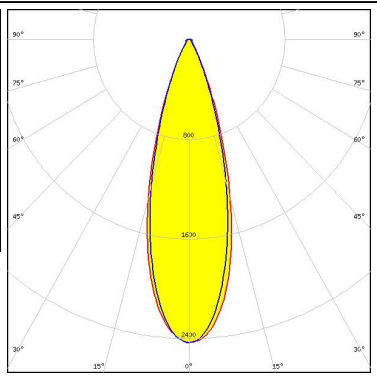

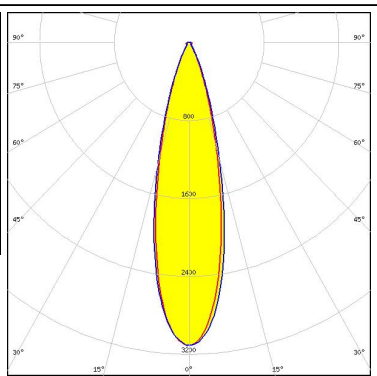
Component	Qty in box	MOQ	MPQ	Box weight (kg)
C16520_PETUNIA2 » Box size: 480 x 280 x 300 mm	1000	40	40	7.9




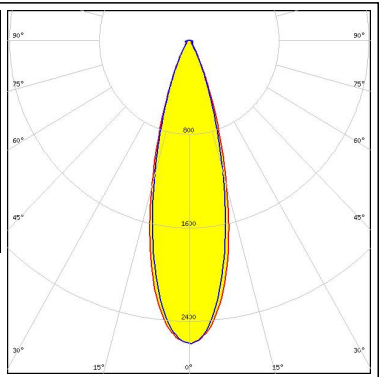

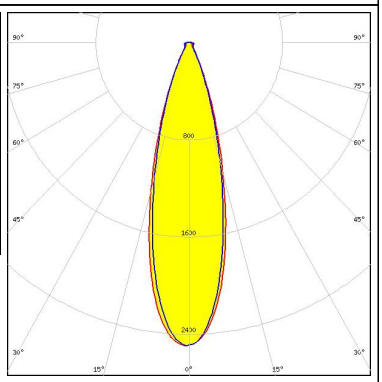

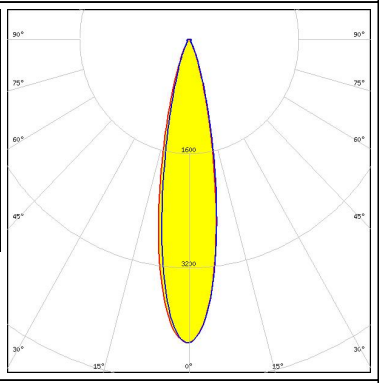

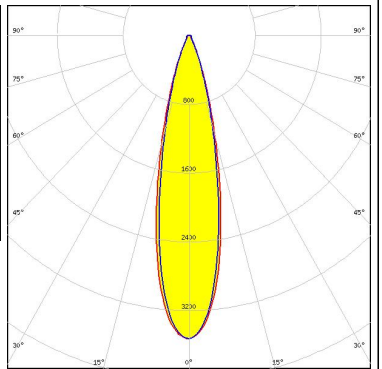


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):

<p>CREE → LED</p> <p>LED XB-D FWHM / FWTM 25.0° / 48.0° Efficiency 93 % Peak intensity 3.1 cd/m LEDs/each optic 1 Light colour White Required components:</p>		
<p>CREE → LED</p> <p>LED XP-E FWHM / FWTM 25.0° / 46.0° Efficiency 93 % Peak intensity 3.6 cd/m LEDs/each optic 1 Light colour White Required components:</p>		
<p>LUMILEDS</p> <p>LED LUXEON A FWHM / FWTM 31.0° / 55.0° Efficiency 93 % Peak intensity 2.4 cd/m LEDs/each optic 1 Light colour White Required components:</p>		
<p>LUMILEDS</p> <p>LED LUXEON Rebel FWHM / FWTM 26.0° / 49.0° Efficiency 93 % Peak intensity 3.1 cd/m LEDs/each optic 1 Light colour White Required components:</p>		

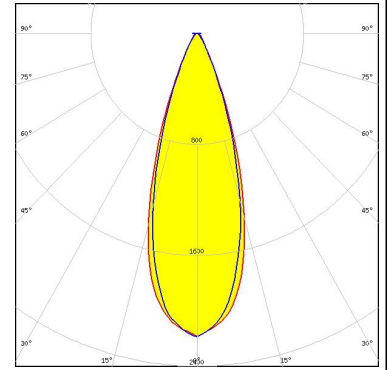
OPTICAL RESULTS (MEASURED):

<p>LUMILEDS</p> <p>LED LUXEON Rebel ES</p> <p>FWHM / FWTM 29.0° / 54.0°</p> <p>Efficiency 93 %</p> <p>Peak intensity 2.6 cd/m</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p>NICHIA</p> <p>LED NVSxx19A</p> <p>FWHM / FWTM 28.0° / 53.0°</p> <p>Efficiency 92 %</p> <p>Peak intensity 2.5 cd/m</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p>OSRAM Opto Semiconductors</p> <p>LED OSLOM SSL 150</p> <p>FWHM / FWTM 22.0° / 43.0°</p> <p>Efficiency 94 %</p> <p>Peak intensity 4.3 cd/m</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p>OSRAM Opto Semiconductors</p> <p>LED OSLOM SSL 80</p> <p>FWHM / FWTM 24.0° / 46.0°</p> <p>Efficiency 93 %</p> <p>Peak intensity 3.5 cd/m</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		

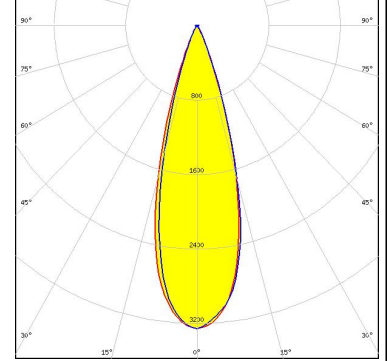
OPTICAL RESULTS (SIMULATED):



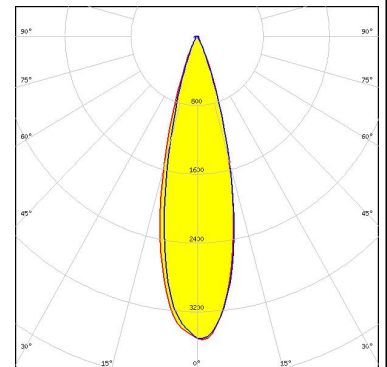
LED XP-G3
 FWHM / FWTM 34.0° / 58.0°
 Efficiency 94 %
 Peak intensity 2.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



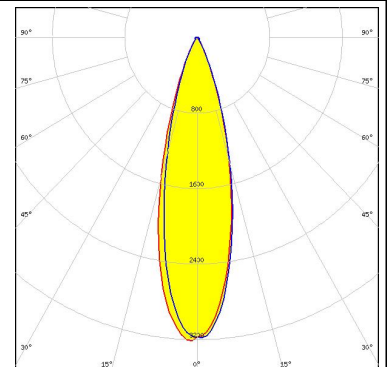
LED SST-10-B130
 FWHM / FWTM 30.0° / 48.0°
 Efficiency 94 %
 Peak intensity 3.3 cd/lm
 LEDs/each optic 1
 Light colour Red
 Required components:



LED SST-20
 FWHM / FWTM 27.0° / 46.0°
 Efficiency 94 %
 Peak intensity 3.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



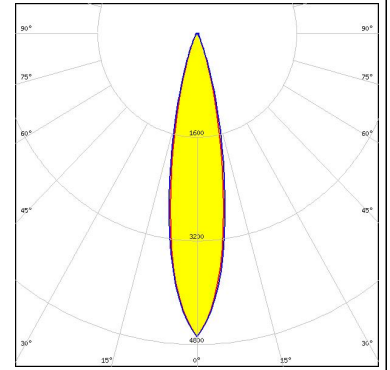
LED NFSx757G
 FWHM / FWTM 28.0° / 51.0°
 Efficiency 94 %
 Peak intensity 3.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OPTICAL RESULTS (SIMULATED):

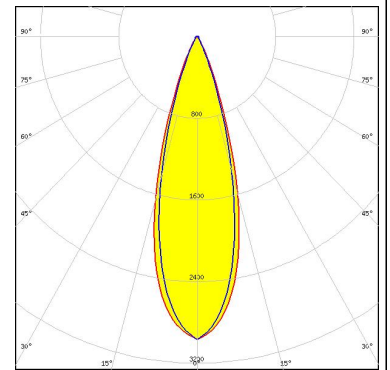
OSRAM Opto Semiconductors

LED OSCONIQ P 3030
 FWHM / FWTM 20.0° / 40.0°
 Efficiency 94 %
 Peak intensity 4.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OSRAM Opto Semiconductors

LED OSLON Square CSSRM2/CSSRM3
 FWHM / FWTM 30.0° / 50.0°
 Efficiency 94 %
 Peak intensity 3 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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