

PETUNIA2

~25° beam with more space for 3535 HP LEDs

SPECIFICATION:

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

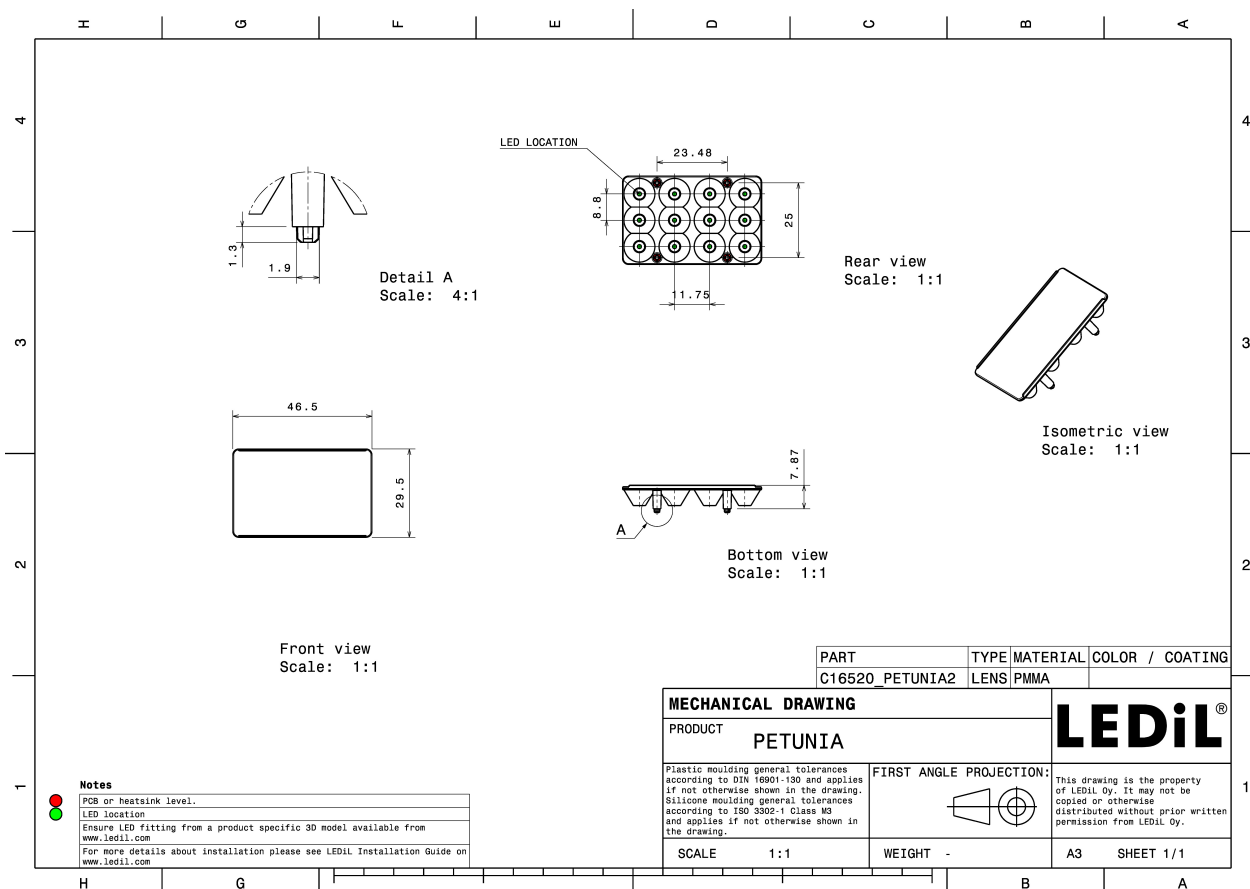
MATERIALS:

| Component | Type | Material | Colour | Finish | Length (mm) |
|-----------|------------|----------|--------|--------|-------------|
| 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 |

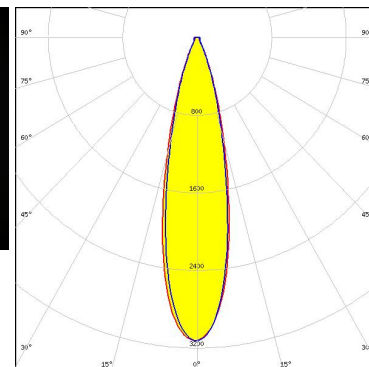


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):



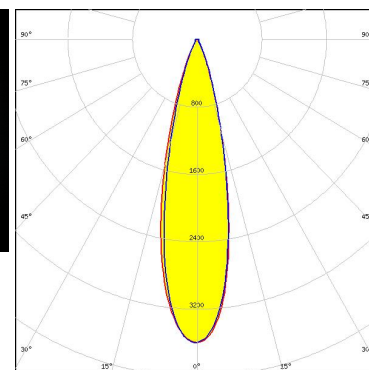
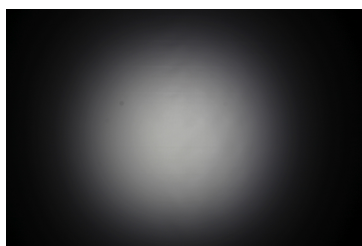
LED XB-D
FWHM / FWTM 25.0° / 48.0°
Efficiency 93 %
Peak intensity 3.1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



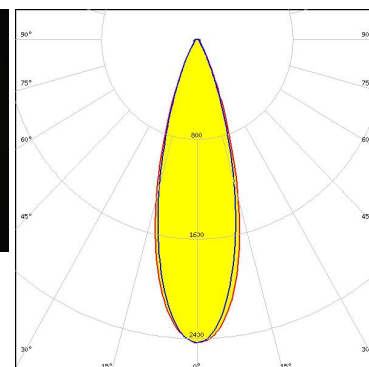
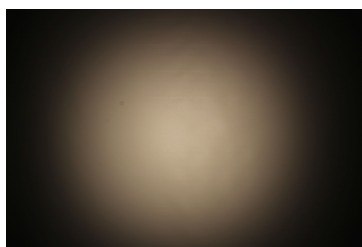
LED XP-E
FWHM / FWTM 25.0° / 46.0°
Efficiency 93 %
Peak intensity 3.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED LUXEON A
FWHM / FWTM 31.0° / 55.0°
Efficiency 93 %
Peak intensity 2.4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

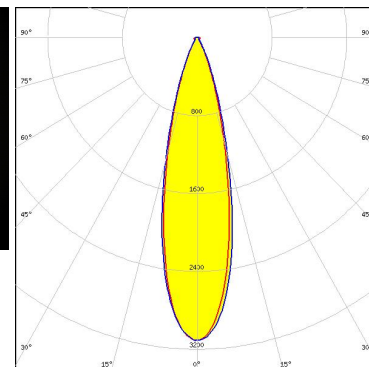
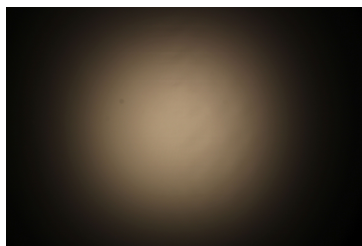


Light distribution files

OPTICAL RESULTS (MEASURED):



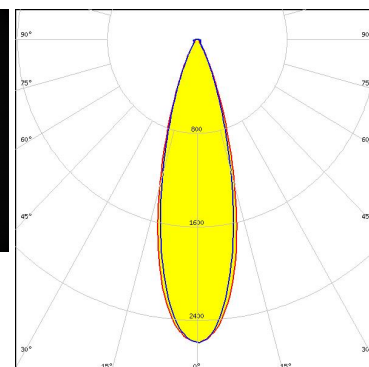
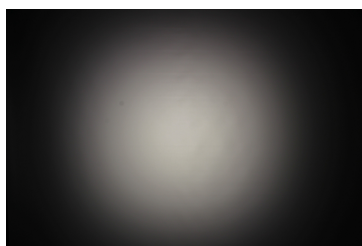
LED LUXEON Rebel
FWHM / FWTM 26.0° / 49.0°
Efficiency 93 %
Peak intensity 3.1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



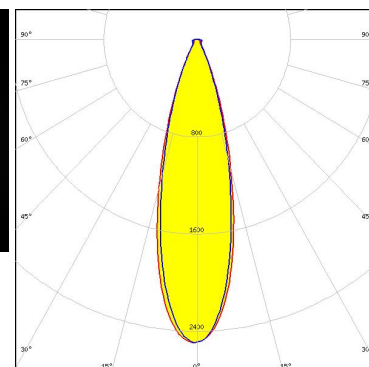
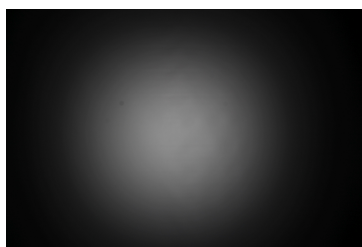
LED LUXEON Rebel ES
FWHM / FWTM 29.0° / 54.0°
Efficiency 93 %
Peak intensity 2.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED NVSxx19A
FWHM / FWTM 28.0° / 53.0°
Efficiency 92 %
Peak intensity 2.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

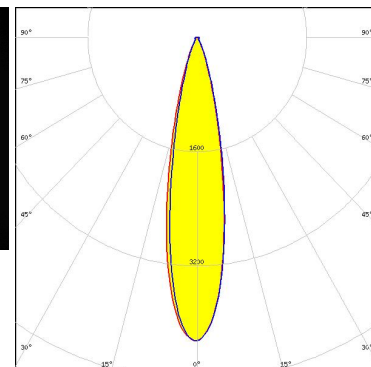
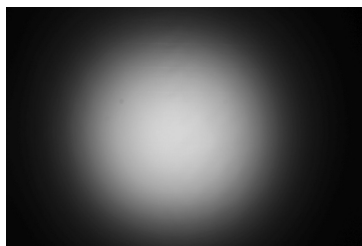


Light distribution files

OPTICAL RESULTS (MEASURED):

OSRAM
Opto Semiconductors

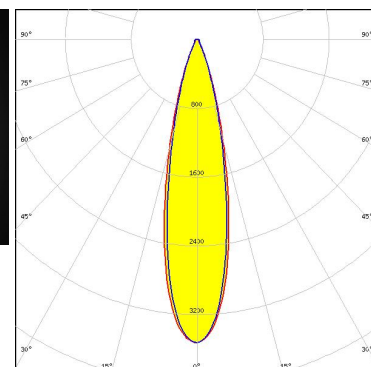
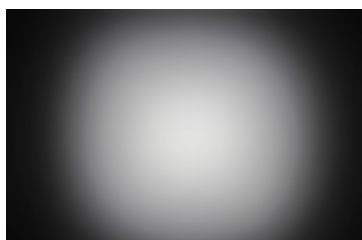
LED OSLON SSL 150
FWHM / FWTM 22.0° / 43.0°
Efficiency 94 %
Peak intensity 4.3 cd/m
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

OSRAM
Opto Semiconductors

LED OSLON SSL 80
FWHM / FWTM 24.0° / 46.0°
Efficiency 93 %
Peak intensity 3.5 cd/m
LEDs/each optic 1
Light colour/type White
Required components:

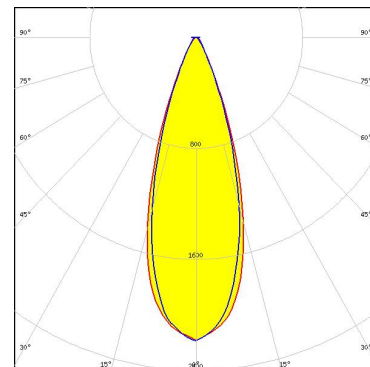


Light distribution files

OPTICAL RESULTS (SIMULATED):



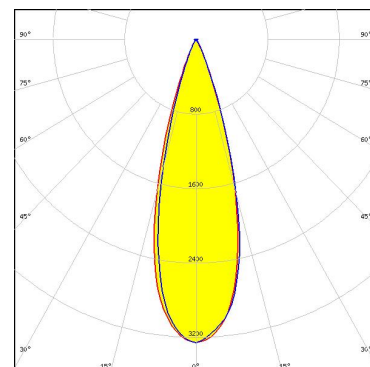
LED XP-G3
FWHM / FWTM 34.0° / 58.0°
Efficiency 94 %
Peak intensity 2.2 cd/Im
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



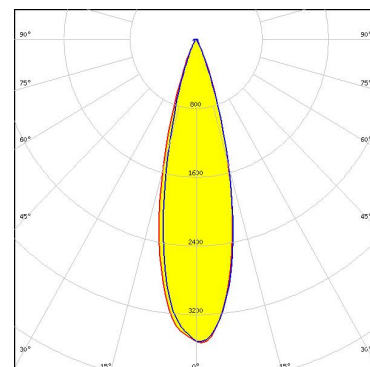
LED SST-10-B130
FWHM / FWTM 30.0° / 48.0°
Efficiency 94 %
Peak intensity 3.3 cd/Im
LEDs/each optic 1
Light colour/type Red
Required components:



Light distribution files



LED SST-20 Gen1
FWHM / FWTM 27.0° / 46.0°
Efficiency 94 %
Peak intensity 3.5 cd/Im
LEDs/each optic 1
Light colour/type White
Required components:

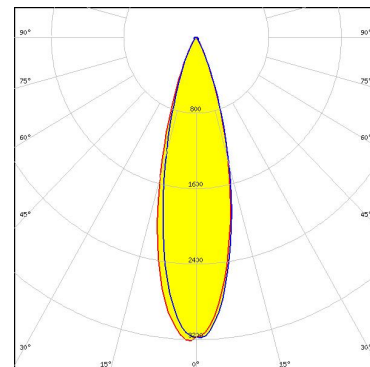


Light distribution files

OPTICAL RESULTS (SIMULATED):



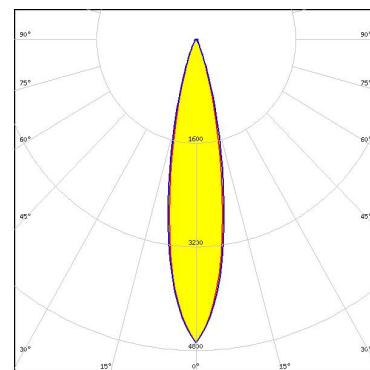
LED NFSx757G
FWHM / FWTM 28.0° / 51.0°
Efficiency 94 %
Peak intensity 3.2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



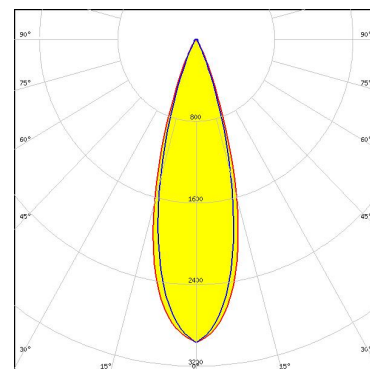
LED OSCONIQ P 3030
FWHM / FWTM 20.0° / 40.0°
Efficiency 94 %
Peak intensity 4.7 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED OSLOM Square CSSRM2/CSSRM3
FWHM / FWTM 30.0° / 50.0°
Efficiency 94 %
Peak intensity 3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

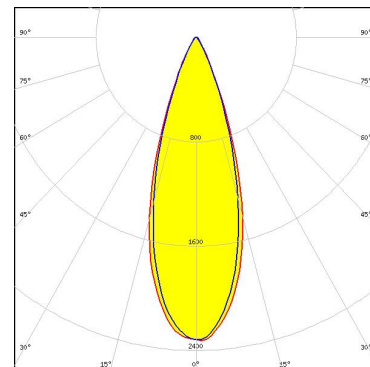


Light distribution files

OPTICAL RESULTS (SIMULATED):



LED Z5M4-E1
 FWHM / FWTM 33.0° / 58.0°
 Efficiency 93 %
 Peak intensity 2.3 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files

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:

As part of our continuous research and improvement processes, and to ensure the best possible quality and availability of our products, LEDiL reserves the right to change material grades without notice.

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