

### AMY-25-ZOOM

Ø25 mm zoomable lens with infinitely adjustable beam from 20 to 50 degrees

#### SPECIFICATION:

Dimensions	25.0 x 25.0 mm
Height	12 mm
Fastening	tape
ROHS compliant	yes ⓘ



#### MATERIALS:

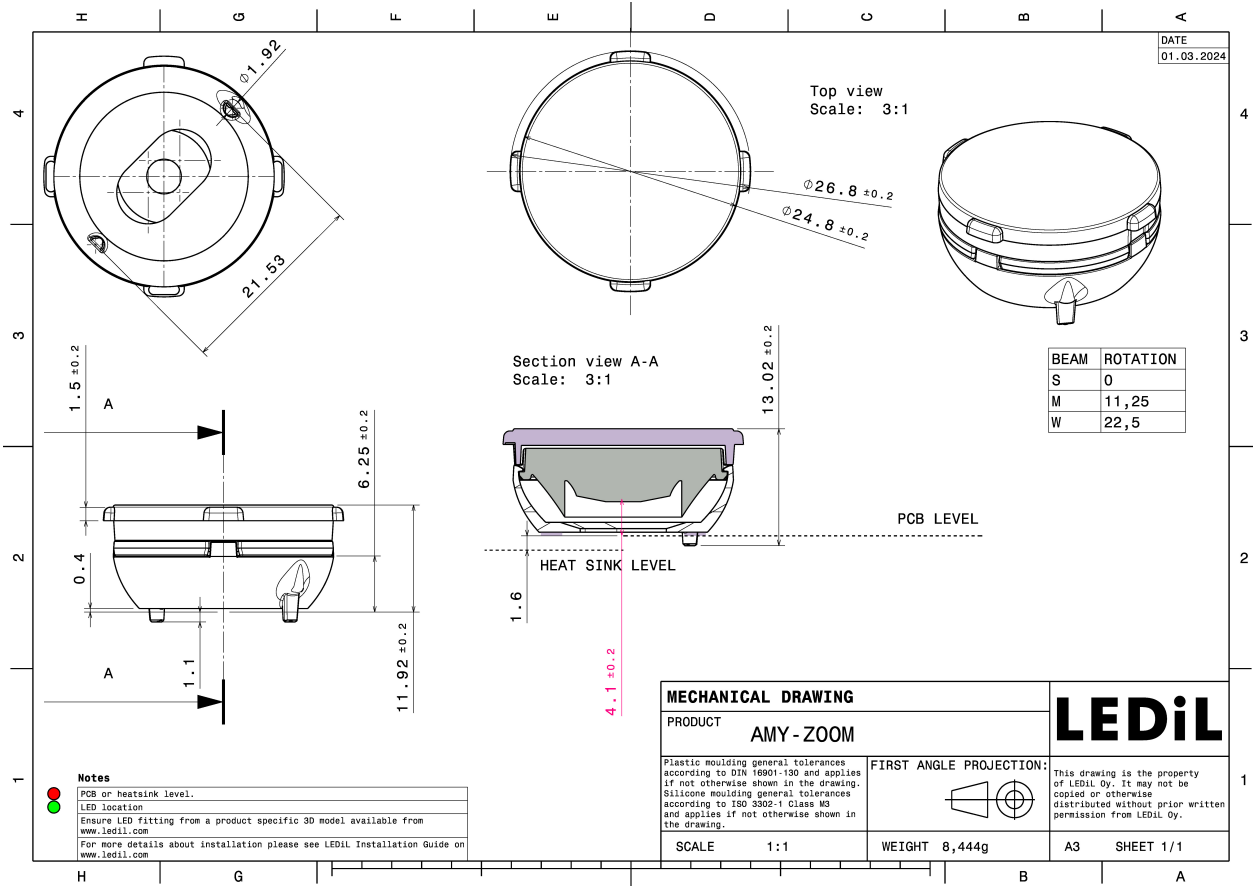
Component	Type	Material	Colour	Finish	Length (mm)
CA18549_AMY-25-ZOOM	Assembly				
C18547_AMY-25-ZOOM-SUB	Sublens	PMMA			

#### ORDERING INFORMATION:

##### Quantities for one set:

Sublens	1
Assembly	1

Component		Qty in box	MOQ	MPQ	Box weight (kg)
C18547_AMY-25-ZOOM-SUB » Box size: 480 x 280 x 185 mm	Sublens	3375	135	135	5.4
CA18549_AMY-25-ZOOM » Box size: 480 x 280 x 300 mm	Assembly	3375	135	135	12.7

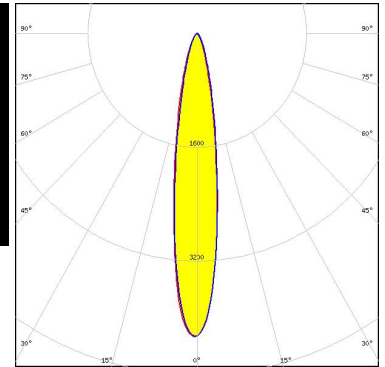


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

### OPTICAL RESULTS (MEASURED):



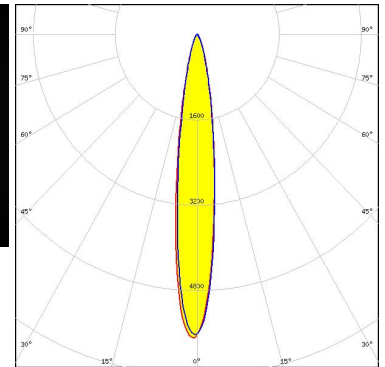
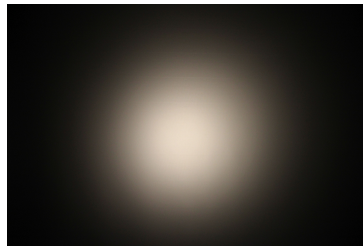
LED SST-40  
FWHM / FWTM 17.0 + 49.0° / 40.0 + 76.0°  
Efficiency 75 %  
Peak intensity 4.3 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



LED NVSW719AC  
FWHM / FWTM 15.0 + 46.0° / 35.0 + 71.0°  
Efficiency 76 %  
Peak intensity 5.7 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

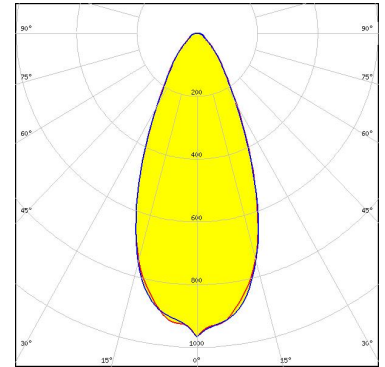


Light distribution files

### OPTICAL RESULTS (SIMULATED):



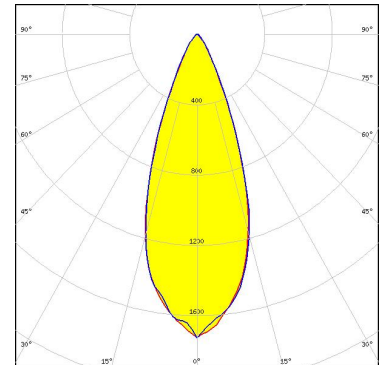
LED CSP 2727 (BXCP)  
FWHM / FWTM 36.0 + 57.0° / 72.0 + 97.0°  
Efficiency 75 %  
Peak intensity 1.4 cd/lm  
LEDs/each optic 4  
Light colour/type White  
Required components:



Light distribution files

### CITIZEN

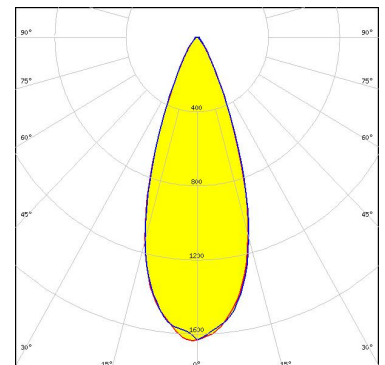
LED CLU7B2  
FWHM / FWTM 18.0 + 52.0° / 40.0 + 77.0°  
Efficiency 81 %  
Peak intensity 4.8 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



LED XHP35.2 HI  
FWHM / FWTM 18.0 + 51.0° / 38.0 + 78.0°  
Efficiency 80 %  
Peak intensity 4.8 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

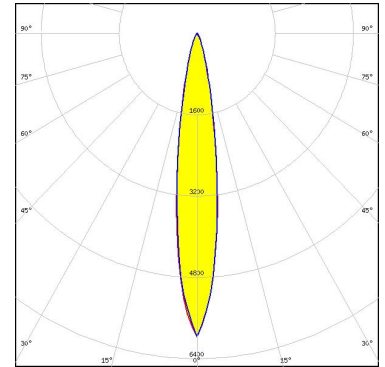


Light distribution files

### OPTICAL RESULTS (SIMULATED):



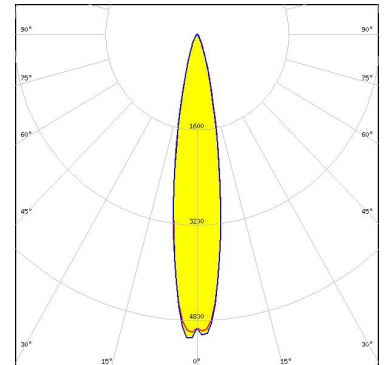
LED XP-G3  
 FWHM / FWTM 16.0 + 49.0° / 34.0 + 80.0°  
 Efficiency 80 %  
 Peak intensity 6 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



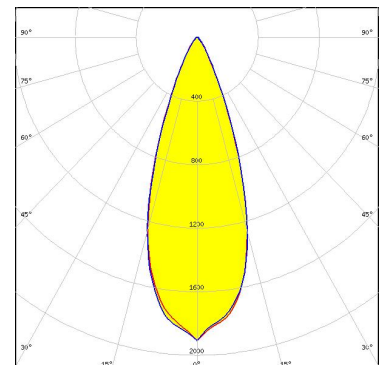
LED XP-L HD  
 FWHM / FWTM 18.0 + 50.0° / 38.0 + 82.0°  
 Efficiency 82 %  
 Peak intensity 5.1 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



LED LUXEON HL2X  
 FWHM / FWTM 16.0 + 50.0° / 34.0 + 70.0°  
 Efficiency 84 %  
 Peak intensity 6.3 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:

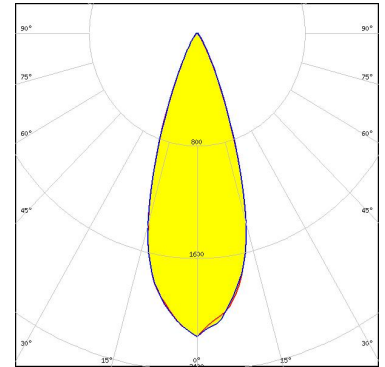


Light distribution files

### OPTICAL RESULTS (SIMULATED):



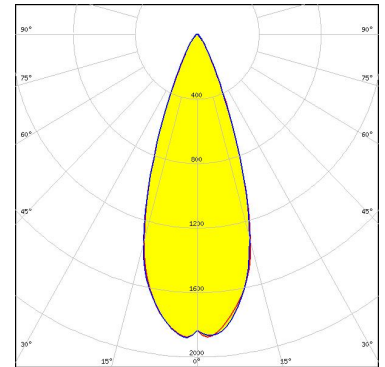
LED SFT-40-WCS  
 FWHM / FWTM 14.0 + 48.0° / 28.0 + 71.0°  
 Efficiency 86 %  
 Peak intensity 9.3 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



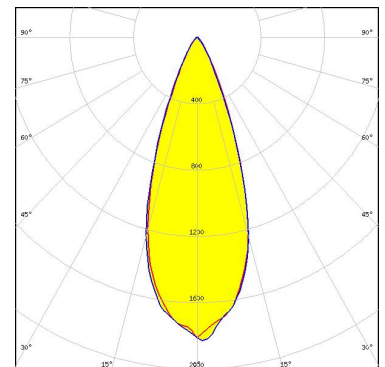
LED SFT-70X-WCS  
 FWHM / FWTM 16.0 + 51.0° / 32.0 + 74.0°  
 Efficiency 84 %  
 Peak intensity 7 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files

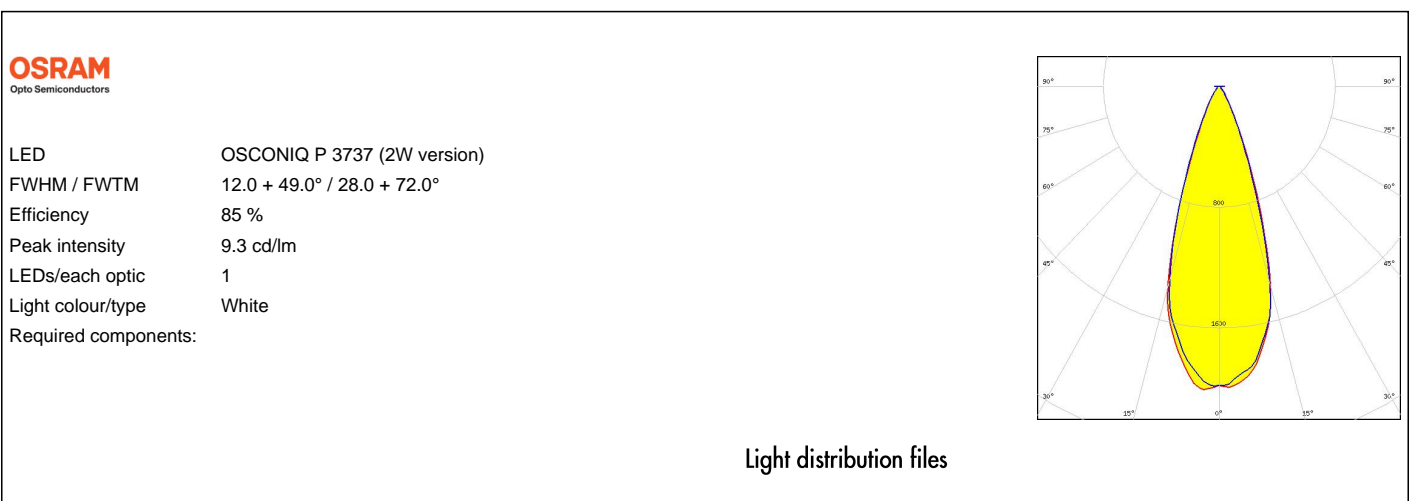
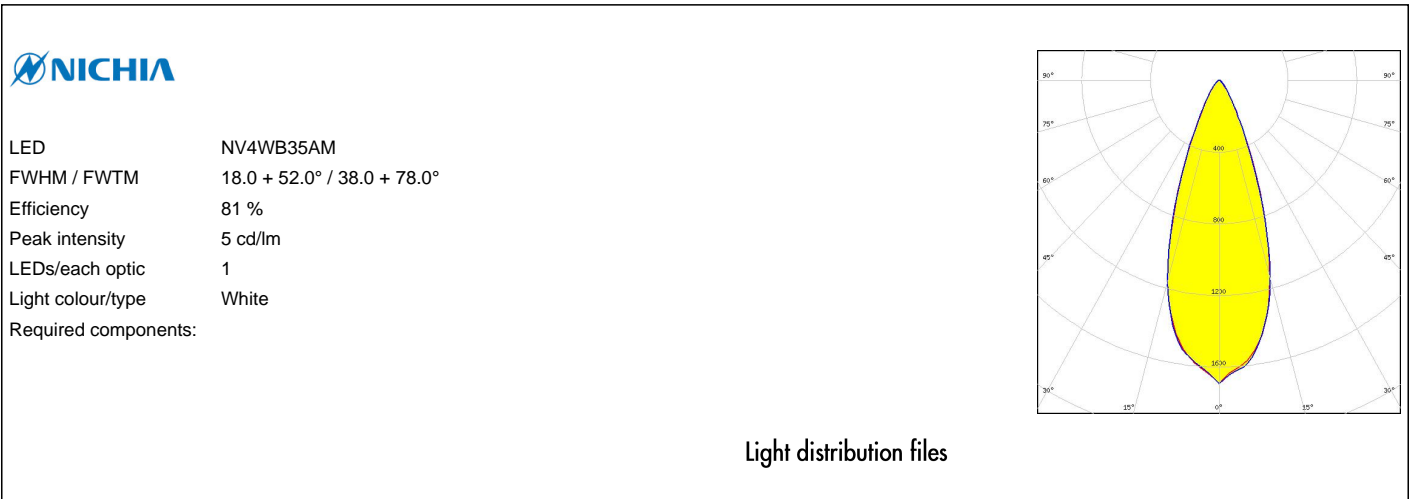


LED SST-40  
 FWHM / FWTM 17.0 + 51.0° / 37.0 + 75.0°  
 Efficiency 81 %  
 Peak intensity 5.3 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files

### OPTICAL RESULTS (SIMULATED):

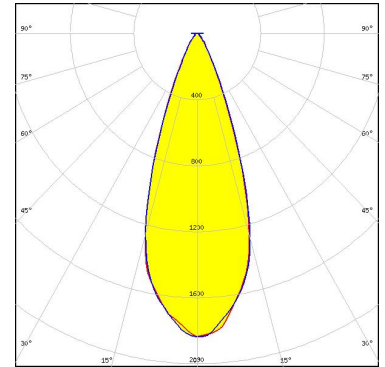




### OPTICAL RESULTS (SIMULATED):

**OSRAM**  
Opto Semiconductors

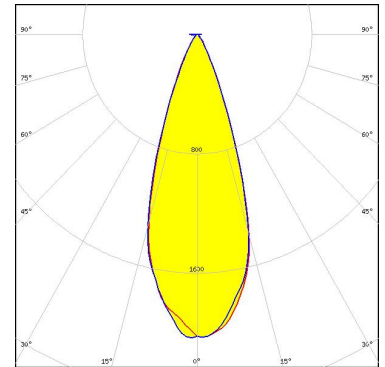
LED OSCONIQ P 3737 (3W version)  
FWHM / FWTM 16.0 + 51.0° / 34.0 + 75.0°  
Efficiency 85 %  
Peak intensity 6.3 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files

**OSRAM**  
Opto Semiconductors

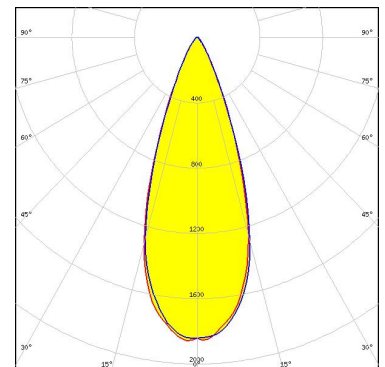
LED OSLON Square CSSRM2/CSSRM3  
FWHM / FWTM 12.0 + 49.0° / 28.0 + 71.0°  
Efficiency 85 %  
Peak intensity 9 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files

**SAMSUNG**

LED LH351C  
FWHM / FWTM 16.0 + 50.0° / 34.0 + 74.0°  
Efficiency 85 %  
Peak intensity 6.4 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

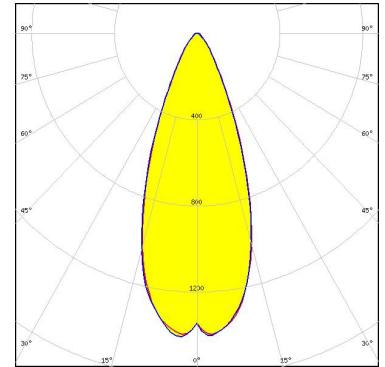


Light distribution files

### OPTICAL RESULTS (SIMULATED):

#### SAMSUNG

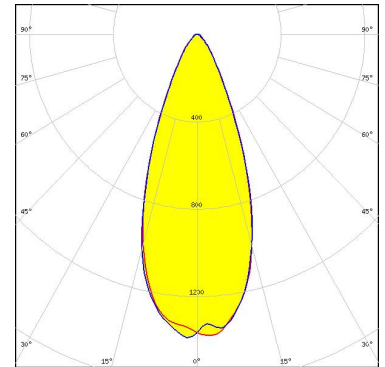
LED LH502D  
FWHM / FWTM 22.0 + 52.0° / 46.0 + 85.0°  
Efficiency 80 %  
Peak intensity 3.4 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



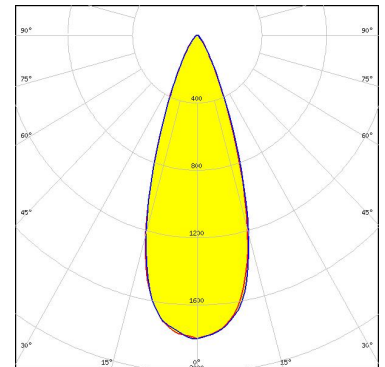
LED SEOUL DC 5050 6V  
FWHM / FWTM 22.0 + 54.0° / 48.0 + 86.0°  
Efficiency 80 %  
Peak intensity 3 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



LED Z5M4  
FWHM / FWTM 18.0 + 50.0° / 36.0 + 76.0°  
Efficiency 83 %  
Peak intensity 5.7 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.

Due to use of high power COB's with this product, special attention to proper thermal design is highly recommended. LEDiL has no liability for direct, indirect or consecutive damages arising from the LEDiL products being used outside of the recommended temperature range.

### 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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