

### AMY-25-ZOOM

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

#### SPECIFICATION:

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



#### MATERIALS:

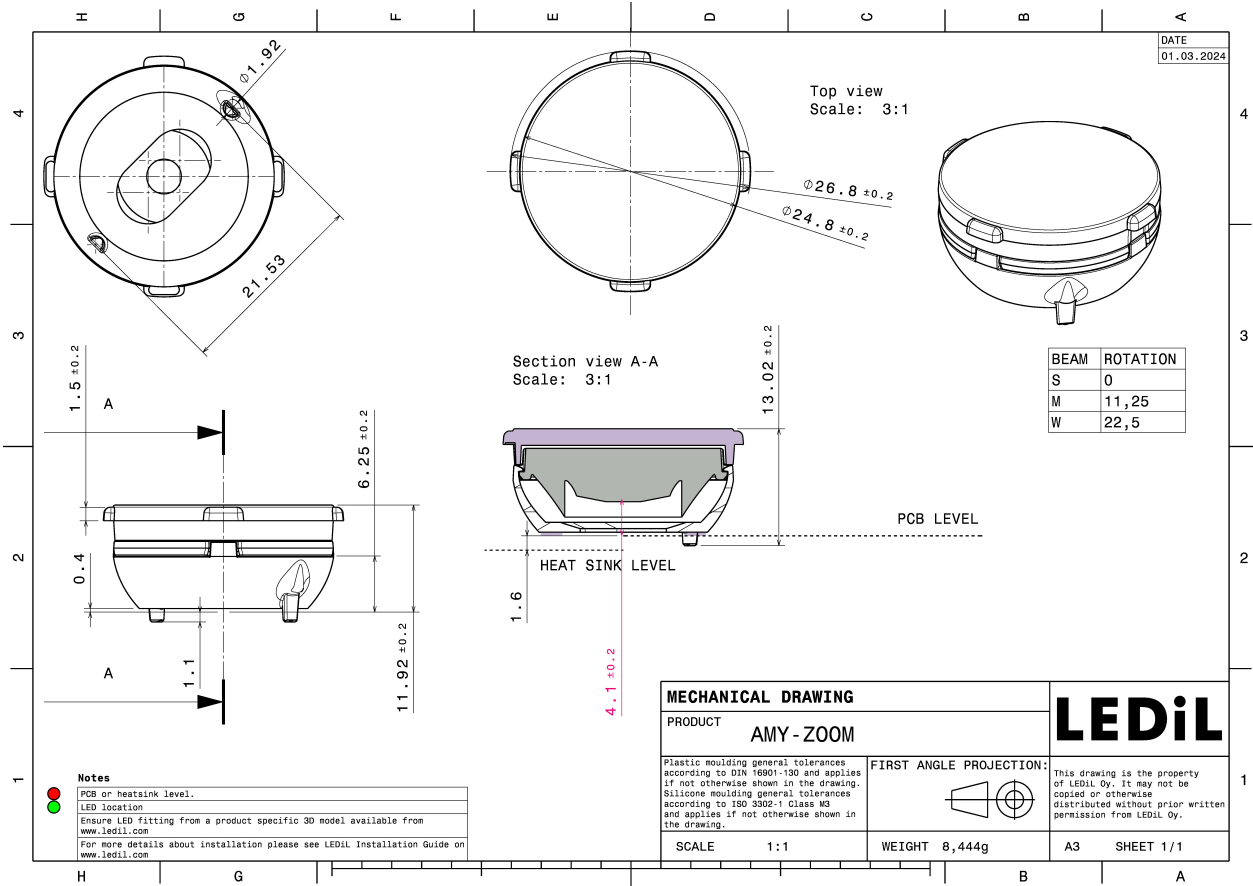
Component	Type	Material	Colour	Finish	Length
CA18549_AMY-25-ZOOM	Assembly				25.0
C18547_AMY-25-ZOOM-SUB	Sublens	PMMA			27.0

#### 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

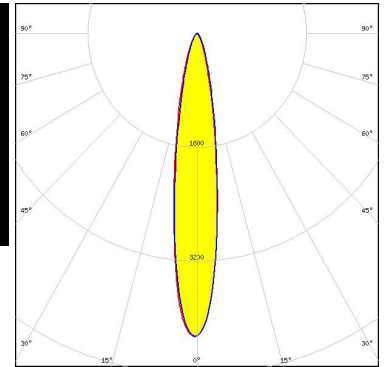


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

### OPTICAL RESULTS (MEASURED):



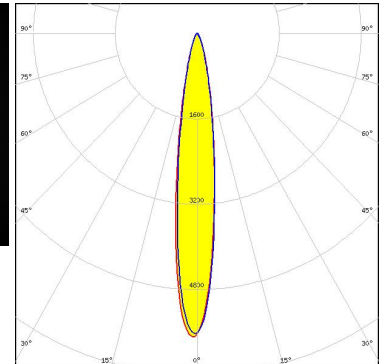
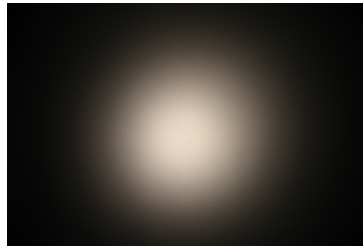
LED SST-40  
FWHM / FWTM 17.0 + 49.0° / 40.0 + 76.0°  
Efficiency 75 %  
Peak intensity 4.3 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



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:

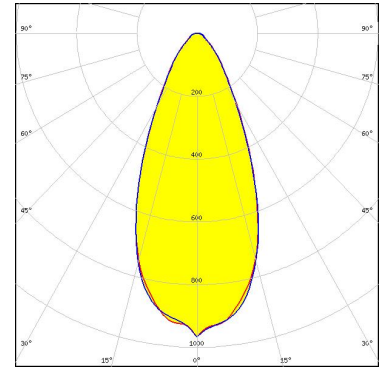


Light distribution files

### OPTICAL RESULTS (SIMULATED):



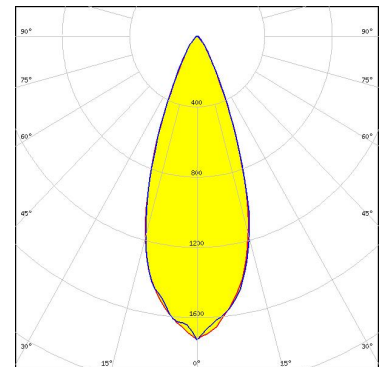
LED CSP 2727 (BXCP)  
FWHM / FWTM 36.0 + 57.0° / 72.0 + 97.0°  
Efficiency 75 %  
Peak intensity 1.4 cd/lm  
LEDs/each optic 4  
Light colour/type White  
Required components:



Light distribution files

### CITIZEN

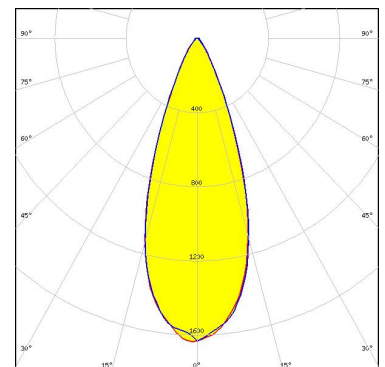
LED CLU7B2  
FWHM / FWTM 18.0 + 52.0° / 40.0 + 77.0°  
Efficiency 81 %  
Peak intensity 4.8 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



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:

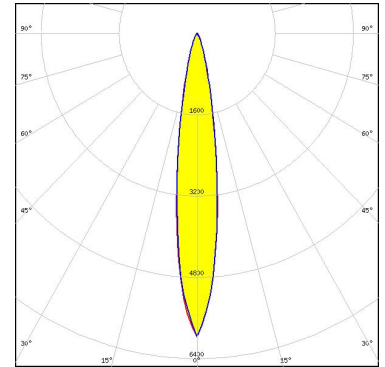


Light distribution files

### OPTICAL RESULTS (SIMULATED):



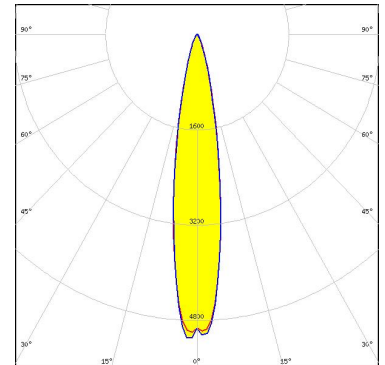
LED XP-G3  
 FWHM / FWTM 16.0 + 49.0° / 34.0 + 80.0°  
 Efficiency 80 %  
 Peak intensity 6 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



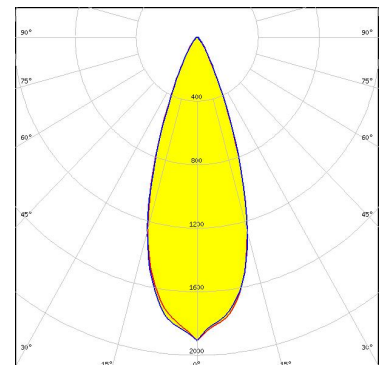
LED XP-L HD  
 FWHM / FWTM 18.0 + 50.0° / 38.0 + 82.0°  
 Efficiency 82 %  
 Peak intensity 5.1 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



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:

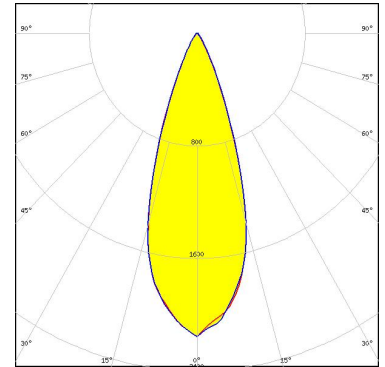


Light distribution files

### OPTICAL RESULTS (SIMULATED):



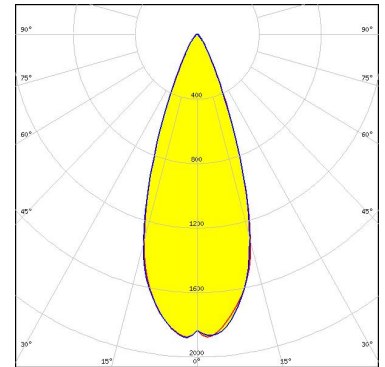
LED SFT-40-WCS  
FWHM / FWTM 14.0 + 48.0° / 28.0 + 71.0°  
Efficiency 86 %  
Peak intensity 9.3 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



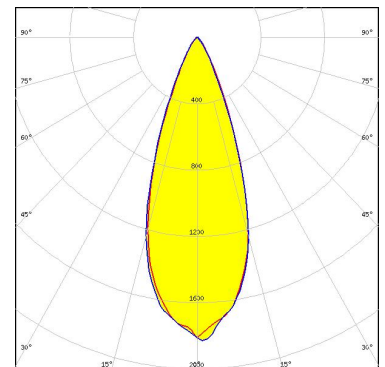
LED SFT-70X-WCS  
FWHM / FWTM 16.0 + 51.0° / 32.0 + 74.0°  
Efficiency 84 %  
Peak intensity 7 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



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:

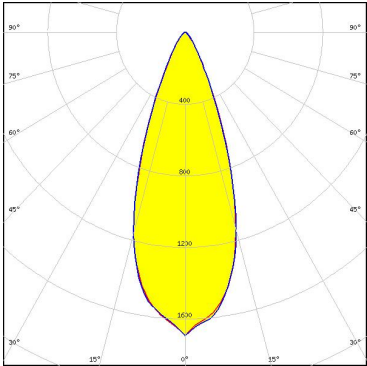


Light distribution files

### OPTICAL RESULTS (SIMULATED):

**NICHIA**

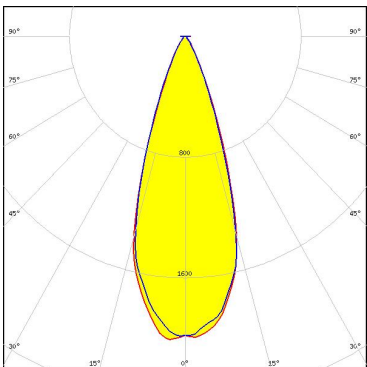
LED	NV4WB35AM
FWHM / FWTM	18.0 + 52.0° / 38.0 + 78.0°
Efficiency	81 %
Peak intensity	5 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

**OSRAM**  
Opto Semiconductors

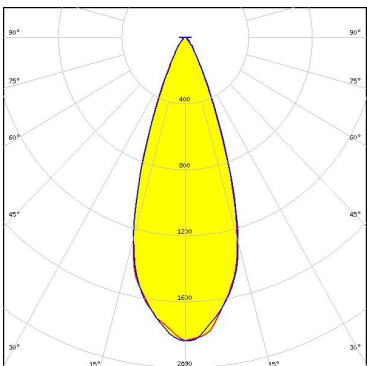
LED	OSCONIQ P 3737 (2W version)
FWHM / FWTM	12.0 + 49.0° / 28.0 + 72.0°
Efficiency	85 %
Peak intensity	9.3 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

**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:	



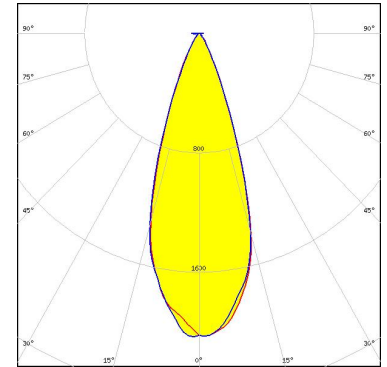
Light distribution files



### OPTICAL RESULTS (SIMULATED):

**OSRAM**  
Opto Semiconductors

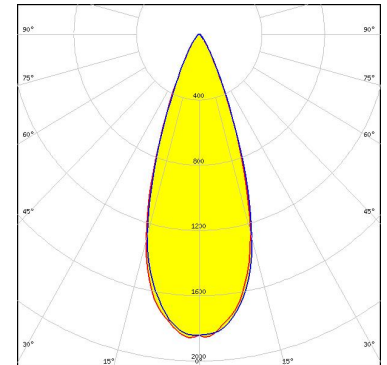
LED OSLON Square CSSRM2/CSSRM3  
FWHM / FWTM 12.0 + 49.0° / 28.0 + 71.0°  
Efficiency 85 %  
Peak intensity 9 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files

**SAMSUNG**

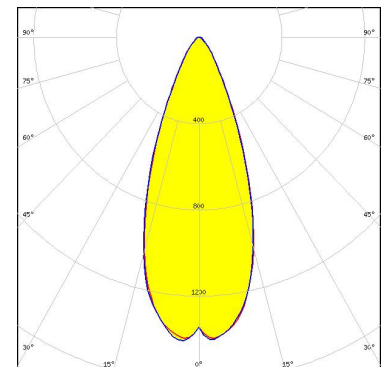
LED LH351C  
FWHM / FWTM 16.0 + 50.0° / 34.0 + 74.0°  
Efficiency 85 %  
Peak intensity 6.4 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files

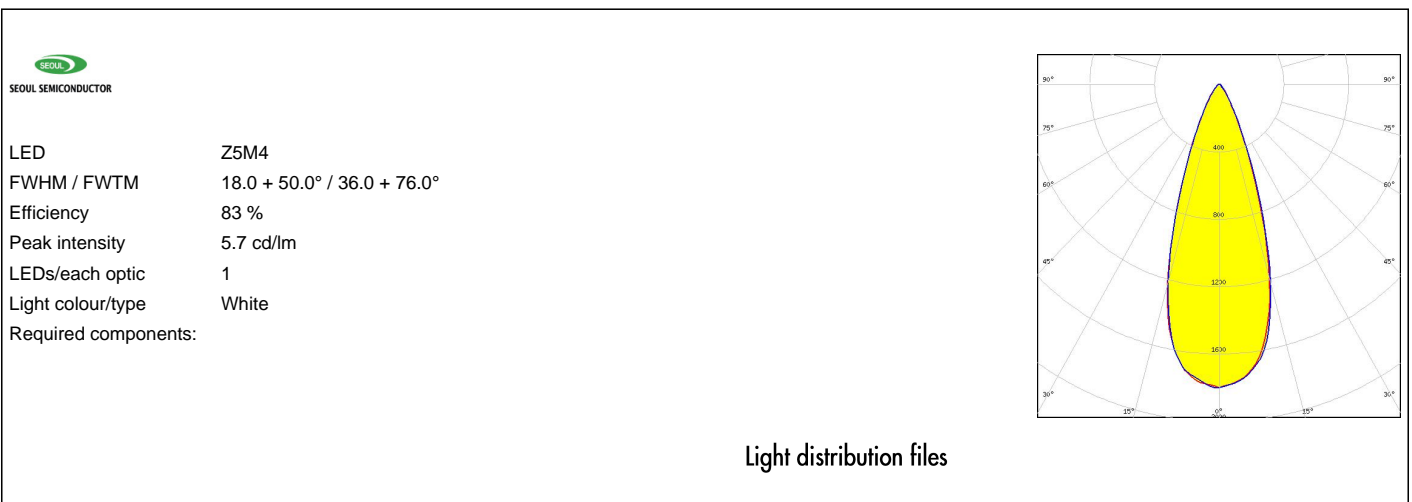
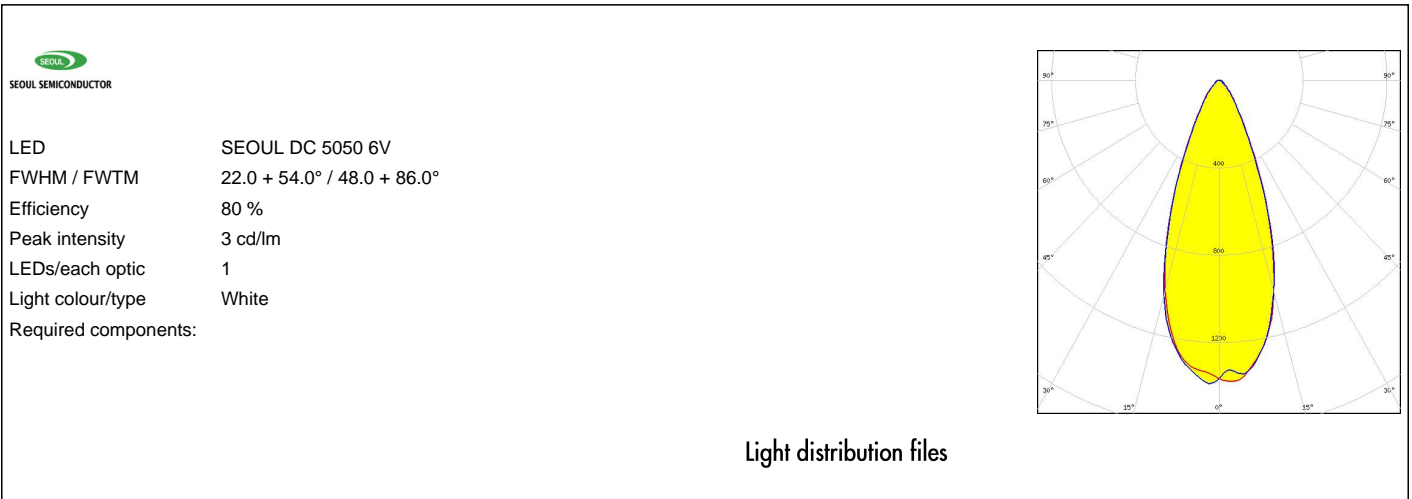
**SAMSUNG**

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

### OPTICAL RESULTS (SIMULATED):



### 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.

### PRODUCT DATA USER AGREEMENT AND DISCLAIMER:

The measured data in the provided downloadable LEDiL Product Datasheets and Mechanical 2D-Drawings is rounded and provided as reference for planning. LEDiL Oy's optical specifications have been verified by conducting performance testing of the products in accordance with the company's quality system. The reported data are averaged results of multiple measurements with typical variation. LEDiL Oy reserves the right to without prior notification make changes and improvements to its products.

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