

## DAISY-7X1-O

~25 + 70° oval beam. Choose SHD with no lips or SHD2 with narrow lips and square openings. SHD3 with narrow lips and round openings.

### SPECIFICATION:

|                |              |
|----------------|--------------|
| Dimensions     | 279.5 x 39.6 |
| Height         | 20.3 mm      |
| Fastening      | pin, screw   |
| ROHS compliant | yes ⓘ        |



### MATERIALS:

| Component               | Type        | Material | Colour | Finish | Length (mm) |
|-------------------------|-------------|----------|--------|--------|-------------|
| DAISY-7X1-O             | Linear lens | PMMA     | clear  |        |             |
| DAISY-7X1-SHD2-MET-MATT | Shade       | PC-ABS   | metal  | matt   |             |
| DAISY-7X1-SHD2-MET      | Shade       | PC       | metal  | gloss  |             |
| DAISY-7X1-SHD2-MATT-WHT | Shade       | PC       | white  | matt   |             |
| DAISY-7X1-SHD2-WHT      | Shade       | PC       | white  | gloss  |             |
| DAISY-7X1-SHD2-MATT     | Shade       | PC-ABS   | black  | matt   |             |
| DAISY-7X1-SHD2          | Shade       | PC       | black  | gloss  |             |
| DAISY-7X1-SHD3-MATT-GLD | Shade       | PC       | gold   | matt   |             |
| DAISY-7X1-SHD3-MATT-RED | Shade       | PC       | red    | matt   |             |
| DAISY-7X1-SHD3-MATT-GR  | Shade       | PC       | grey   | matt   |             |
| DAISY-7X1-SHD-MATT-GLD  | Shade       | PC       | gold   | matt   |             |
| DAISY-7X1-SHD-MATT-GR   | Shade       | PC       | grey   | matt   |             |
| DAISY-7X1-SHD-MATT-RED  | Shade       | PC       | red    | matt   |             |
| DAISY-7X1-SHD3-MET-MATT | Shade       | PC       | metal  | matt   |             |
| DAISY-7X1-SHD3-MET      | Shade       | PC       | metal  | gloss  |             |
| DAISY-7X1-SHD3-WHT-MATT | Shade       | PC       | white  | matt   |             |
| DAISY-7X1-SHD3-WHT      | Shade       | PC       | white  | gloss  |             |
| DAISY-7X1-SHD3-MATT     | Shade       | PC       | black  | matt   |             |

|                        |       |    |       |       |
|------------------------|-------|----|-------|-------|
| DAISY-7X1-SHD-MET-MATT | Shade | PC | metal | matt  |
| DAISY-7X1-SHD-MET      | Shade | PC | metal | gloss |
| DAISY-7X1-SHD-WHT-MATT | Shade | PC | white | matt  |
| DAISY-7X1-SHD-MATT     | Shade | PC | black | matt  |
| DAISY-7X1-SHD-WHT      | Shade | PC | white | gloss |
| DAISY-7X1-SHD          | Shade | PC | black | gloss |

## ORDERING INFORMATION:

### Quantities for one set:

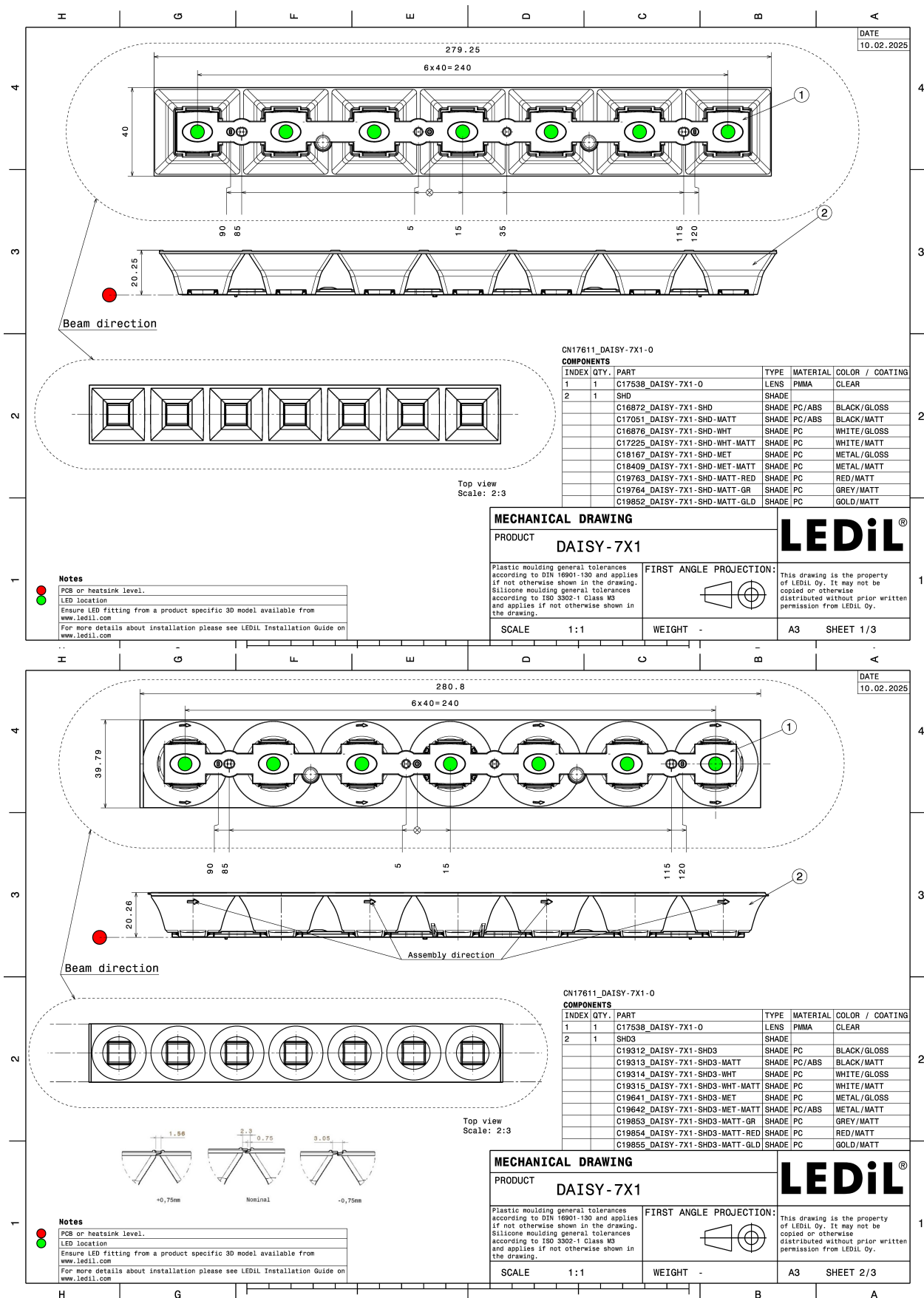
Linear lens 1

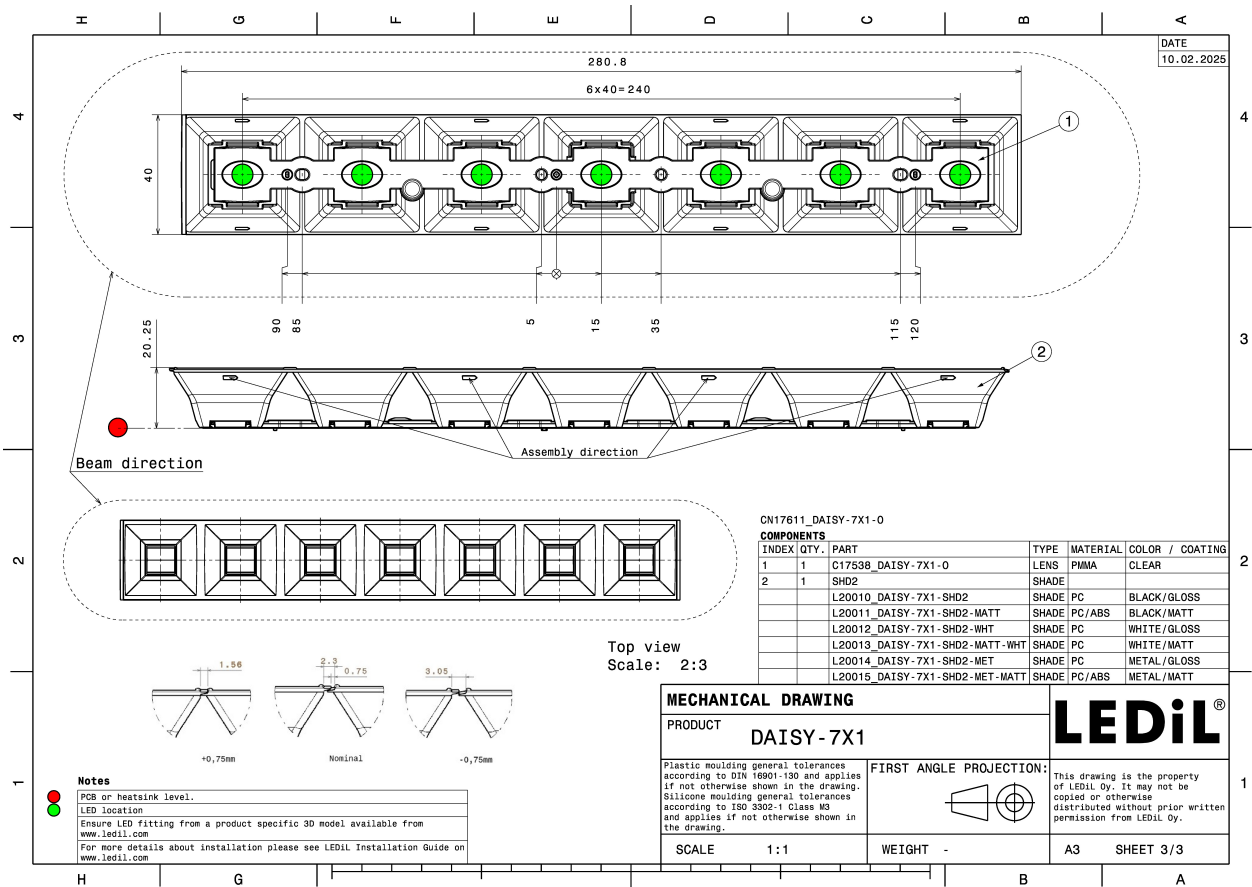
Shade 1

| Component                                                        |             | Qty in box | MOQ | MPQ | Box weight (kg) |
|------------------------------------------------------------------|-------------|------------|-----|-----|-----------------|
| C17538_DAISY-7X1-O<br>» Box size: 400 x 300 x 300 mm             | Linear lens | 312        | 312 | 24  | 7.0             |
| C19854_DAISY-7X1-SHD3-MATT-RED<br>» Box size: 595 x 360 x 230 mm | Shade       | 156        | 312 | 24  | 6.2             |
| C19313_DAISY-7X1-SHD3-MATT<br>» Box size: 595 x 360 x 230 mm     | Shade       | 156        | 312 | 24  | 5.8             |
| L20013_DAISY-7X1-SHD2-MATT-WHT<br>» Box size: 595 x 360 x 230 mm | Shade       | 156        | 312 | 24  | 7.1             |
| C19763_DAISY-7X1-SHD-MATT-RED<br>» Box size: 595 x 360 x 230 mm  | Shade       | 156        | 312 | 24  | 7.1             |
| C19855_DAISY-7X1-SHD3-MATT-GLD<br>» Box size: 595 x 360 x 230 mm | Shade       | 156        | 312 | 24  | 6.2             |
| C19314_DAISY-7X1-SHD3-WHT<br>» Box size: 595 x 360 x 230 mm      | Shade       | 156        | 312 | 24  | 6.3             |
| C16872_DAISY-7X1-SHD<br>» Box size: 595 x 360 x 230 mm           | Shade       | 156        | 312 | 24  | 7.1             |
| L20014_DAISY-7X1-SHD2-MET<br>» Box size: 595 x 360 x 230 mm      | Shade       | 156        | 312 | 24  | 7.0             |
| C19764_DAISY-7X1-SHD-MATT-GR<br>» Box size: 595 x 360 x 230 mm   | Shade       | 156        | 312 | 24  | 5.7             |
| C18167_DAISY-7X1-SHD-MET<br>» Box size: 595 x 360 x 230 mm       | Shade       | 156        | 312 | 24  | 7.0             |
| L20010_DAISY-7X1-SHD2<br>» Box size: 595 x 360 x 230 mm          | Shade       | 156        | 312 | 24  | 6.9             |
| C19315_DAISY-7X1-SHD3-WHT-MATT<br>» Box size: 595 x 360 x 230 mm | Shade       | 156        | 312 | 24  | 6.2             |
| C16876_DAISY-7X1-SHD-WHT<br>» Box size: 595 x 360 x 230 mm       | Shade       | 156        | 312 | 24  | 7.6             |
| L20015_DAISY-7X1-SHD2-MET-MATT<br>» Box size: 595 x 360 x 230 mm | Shade       | 156        | 312 | 24  | 6.8             |
| C19852_DAISY-7X1-SHD-MATT-GLD<br>» Box size: 595 x 360 x 230 mm  | Shade       | 156        | 312 | 24  | 7.1             |
| C18409_DAISY-7X1-SHD-MET-MATT<br>» Box size: 595 x 360 x 230 mm  | Shade       | 156        | 312 | 24  | 7.0             |
| L20011_DAISY-7X1-SHD2-MATT<br>» Box size: 595 x 360 x 230 mm     | Shade       | 156        | 312 | 24  | 6.7             |
| C19641_DAISY-7X1-SHD3-MET<br>» Box size: 595 x 360 x 230 mm      | Shade       | 156        | 312 | 24  | 6.1             |



|                                                                  |       |     |     |    |     |
|------------------------------------------------------------------|-------|-----|-----|----|-----|
| C19853_DAISY-7X1-SHD3-MATT-GR<br>» Box size: 595 x 360 x 230 mm  | Shade | 156 | 312 | 24 | 7.1 |
| C19312_DAISY-7X1-SHD3<br>» Box size: 595 x 360 x 230 mm          | Shade | 156 | 312 | 24 | 6.1 |
| L20012_DAISY-7X1-SHD2-WHT<br>» Box size: 595 x 360 x 230 mm      | Shade | 156 | 312 | 24 | 7.2 |
| C19642_DAISY-7X1-SHD3-MET-MATT<br>» Box size: 595 x 360 x 230 mm | Shade | 156 | 312 | 24 | 5.7 |
| C17225_DAISY-7X1-SHD-WHT-MATT<br>» Box size: 595 x 360 x 230 mm  | Shade | 156 | 312 | 24 | 7.6 |



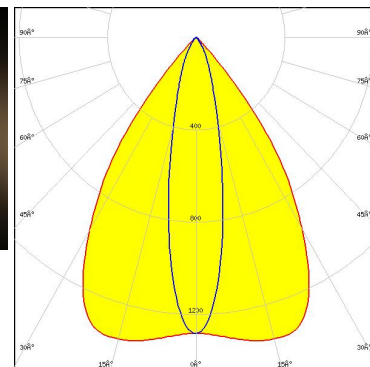
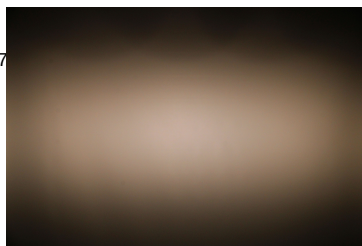


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

### OPTICAL RESULTS (MEASURED):



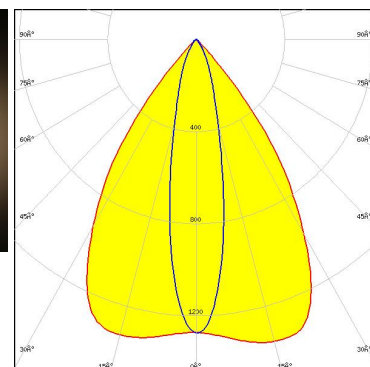
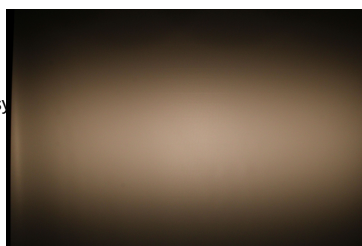
LED LED Line SMD L28W2 TW Module 20mm 2800Lm Daisy 7  
FWHM / FWTM 70.0 + 22.0° / 88.0 + 52.0°  
Efficiency 70 %  
Peak intensity 1.4 cd/lm  
LEDs/each optic 2  
Light colour/type Tunable White  
Required components:  
C17051\_DAISY-7X1-SHD-MATT



Light distribution files



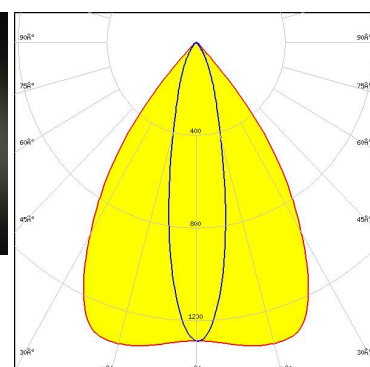
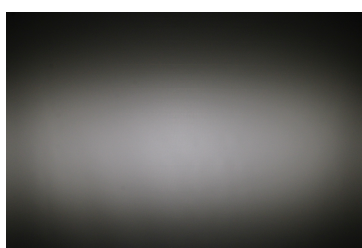
LED LED Line SMD L28W2 White Module 20mm 2800Lm Daisy 7  
FWHM / FWTM 70.0 + 22.0° / 88.0 + 52.0°  
Efficiency 70 %  
Peak intensity 1.4 cd/lm  
LEDs/each optic 2  
Light colour/type White  
Required components:  
C17051\_DAISY-7X1-SHD-MATT



Light distribution files



LED LUXEON HL2Z  
FWHM / FWTM 71.0 + 23.0° / 88.0 + 54.0°  
Efficiency 72 %  
Peak intensity 1.3 cd/lm  
LEDs/each optic 2  
Light colour/type White  
Required components:  
C17051\_DAISY-7X1-SHD-MATT

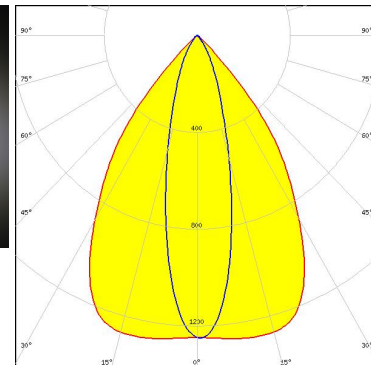
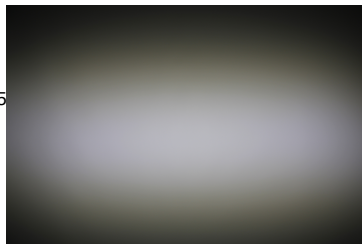


Light distribution files

### OPTICAL RESULTS (MEASURED):

**MST** | Your solutions

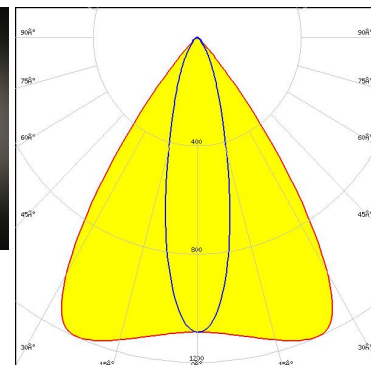
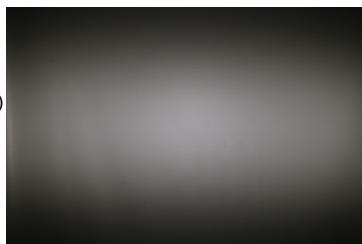
LED LinLED 274x24mm 1100lm 840 4C 42V DAISY-7X1 (ZT25)  
 FWHM / FWTM 72.0 + 26.0° / 91.0 + 59.0°  
 Efficiency 76 %  
 Peak intensity 1.3 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 C16872\_DAISY-7X1-SHD



Light distribution files

**MST** | Your solutions

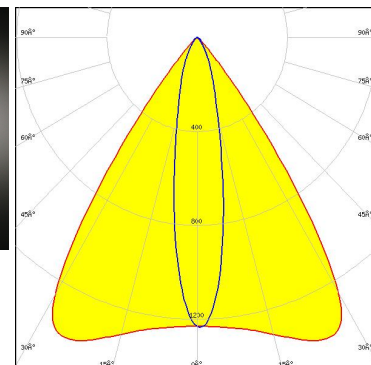
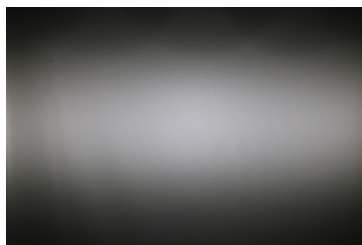
LED LinLED 280x28mm 1600lm 840 4C 21V DAISY 7x1(ZT25)  
 FWHM / FWTM 70.0 + 26.0° / 85.0 + 59.0°  
 Efficiency 72 %  
 Peak intensity 1.2 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 C16872\_DAISY-7X1-SHD



Light distribution files

**NICHIA**

LED NCSxE17A  
 FWHM / FWTM 70.0 + 20.0° / 84.0 + 53.0°  
 Efficiency 70 %  
 Peak intensity 1.4 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 C17051\_DAISY-7X1-SHD-MATT

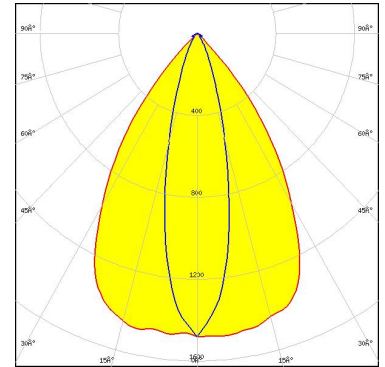


Light distribution files

### OPTICAL RESULTS (SIMULATED):



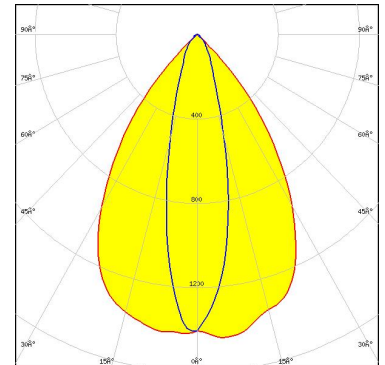
LED CSP 2727 (BXCP)  
 FWHM / FWTM 68.0 + 24.0° / 88.0 + 50.0°  
 Efficiency 81 %  
 Peak intensity 1.5 cd/lm  
 LEDs/each optic 2  
 Light colour/type White  
 Required components:  
 C16872\_DAISY-7X1-SHD



Light distribution files



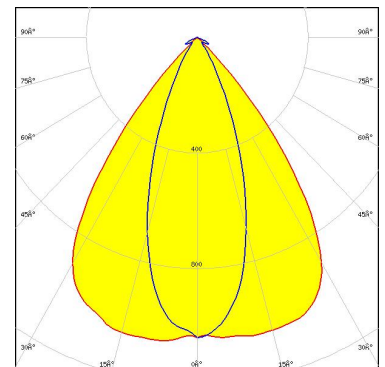
LED LUXEON 2835 Architectural  
 FWHM / FWTM 69.0 + 24.0° / 92.0 + 57.0°  
 Efficiency 83 %  
 Peak intensity 1.4 cd/lm  
 LEDs/each optic 2  
 Light colour/type White  
 Required components:  
 C16872\_DAISY-7X1-SHD



Light distribution files



LED LUXEON 5050 HE  
 FWHM / FWTM 76.0 + 38.0° / 92.0 + 64.0°  
 Efficiency 86 %  
 Peak intensity 1.1 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 C17533\_DAISY-7X1-SHD-MET-MATT

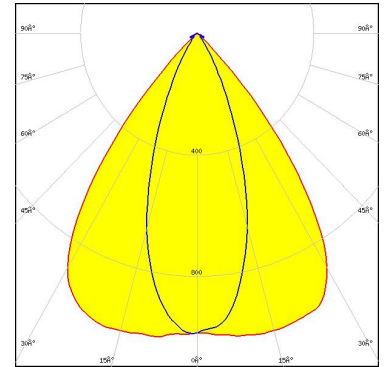


Light distribution files

### OPTICAL RESULTS (SIMULATED):



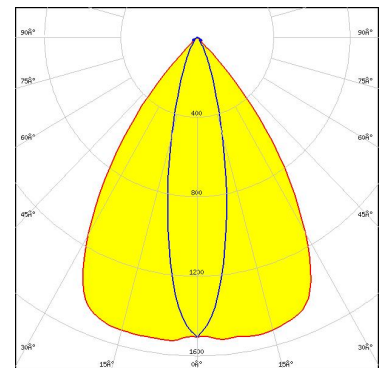
LED LUXEON 5050 HE  
FWHM / FWTM 76.0 + 38.0° / 92.0 + 64.0°  
Efficiency 82 %  
Peak intensity 1 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
C17051\_DAISY-7X1-SHD-MATT



Light distribution files



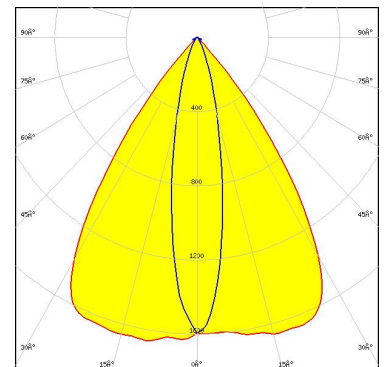
LED LUXEON HL2Z  
FWHM / FWTM 71.0 + 24.0° / 88.0 + 50.0°  
Efficiency 83 %  
Peak intensity 1.5 cd/lm  
LEDs/each optic 2  
Light colour/type White  
Required components:  
C16872\_DAISY-7X1-SHD



Light distribution files



LED NCSxE17A  
FWHM / FWTM 72.0 + 20.0° / 86.0 + 44.0°  
Efficiency 81 %  
Peak intensity 1.7 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
C16872\_DAISY-7X1-SHD



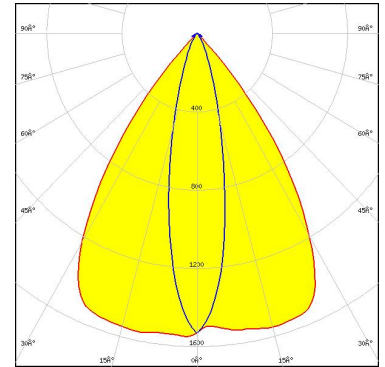
Light distribution files



### OPTICAL RESULTS (SIMULATED):



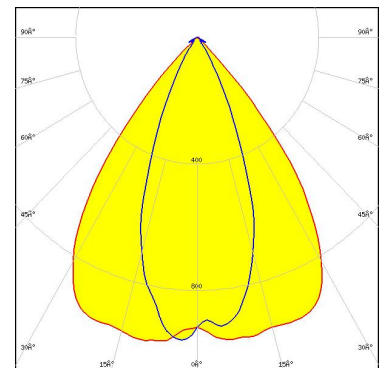
LED NVSxE21A  
FWHM / FWTM 72.0 + 22.0° / 88.0 + 46.0°  
Efficiency 80 %  
Peak intensity 1.6 cd/lm  
LEDs/each optic 2  
Light colour/type White  
Required components:  
C16872\_DAISY-7X1-SHD



Light distribution files



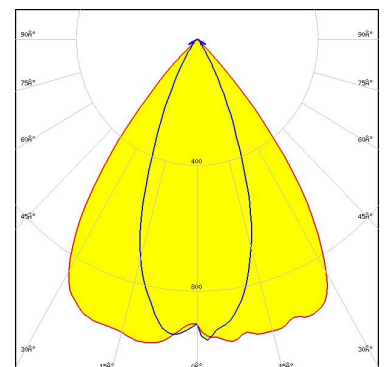
LED Duris S8  
FWHM / FWTM 76.0 + 41.0° / 91.0 + 64.0°  
Efficiency 83 %  
Peak intensity 1 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
C16872\_DAISY-7X1-SHD



Light distribution files



LED OSCONIQ S 5050 (Q9LR32)  
FWHM / FWTM 76.0 + 40.0° / 90.0 + 64.0°  
Efficiency 83 %  
Peak intensity 1 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
C16872\_DAISY-7X1-SHD



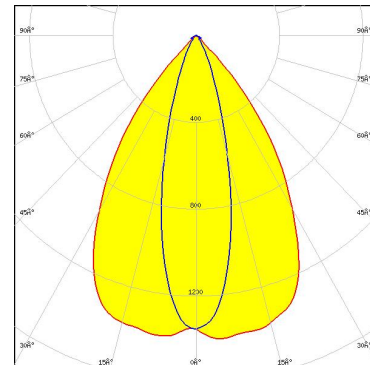
Light distribution files



### OPTICAL RESULTS (SIMULATED):

#### SAMSUNG

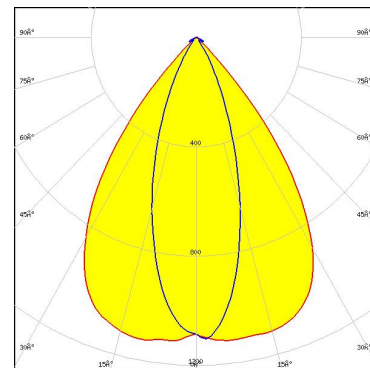
LED LH231B  
FWHM / FWTM 70.0 + 28.0° / 90.0 + 54.0°  
Efficiency 81 %  
Peak intensity 1.4 cd/lm  
LEDs/each optic 2  
Light colour/type White  
Required components:  
C16872\_DAISY-7X1-SHD



Light distribution files

#### SAMSUNG

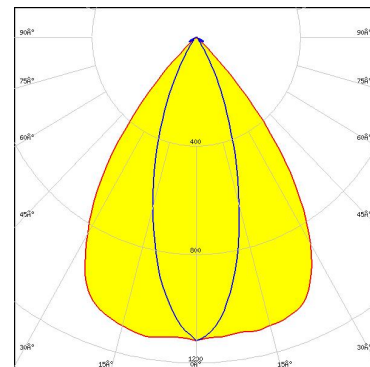
LED LM28xB Series  
FWHM / FWTM 73.0 + 34.0° / 91.0 + 62.0°  
Efficiency 82 %  
Peak intensity 1.1 cd/lm  
LEDs/each optic 2  
Light colour/type White  
Required components:  
C17051\_DAISY-7X1-SHD-MATT



Light distribution files

#### SAMSUNG

LED LM28xB Series  
FWHM / FWTM 73.0 + 34.0° / 91.0 + 62.0°  
Efficiency 82 %  
Peak intensity 1.1 cd/lm  
LEDs/each optic 2  
Light colour/type White  
Required components:  
C16872\_DAISY-7X1-SHD

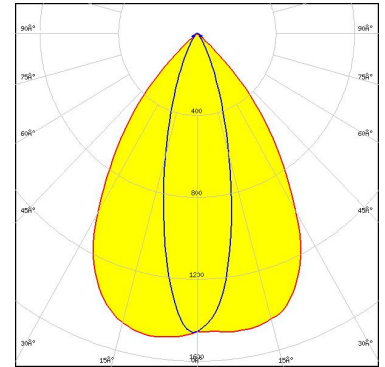


Light distribution files

### OPTICAL RESULTS (SIMULATED):

#### SAMSUNG

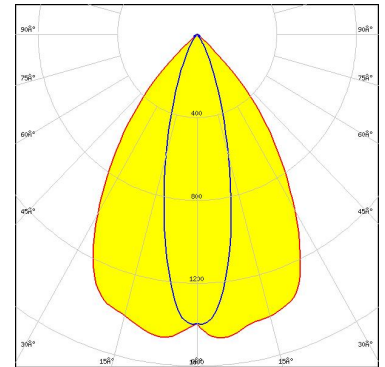
LED LM301B  
FWHM / FWTM 70.0 + 27.0° / 94.0 + 56.0°  
Efficiency 88 %  
Peak intensity 1.5 cd/lm  
LEDs/each optic 2  
Light colour/type White  
Required components:  
C17051\_DAISY-7X1-SHD-MATT



Light distribution files

#### SAMSUNG

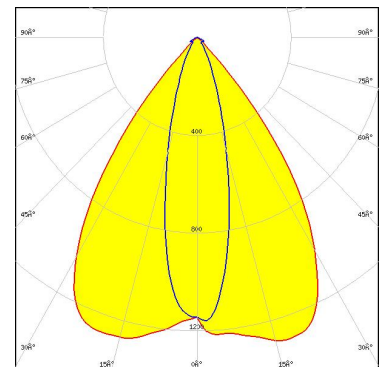
LED LM301B  
FWHM / FWTM 70.0 + 27.0° / 94.0 + 54.0°  
Efficiency 85 %  
Peak intensity 1.5 cd/lm  
LEDs/each optic 2  
Light colour/type White  
Required components:  
C16872\_DAISY-7X1-SHD



Light distribution files



LED Z8Y22  
FWHM / FWTM 72.0 + 26.0° / 90.0 + 56.0°  
Efficiency 76 %  
Peak intensity 1.3 cd/lm  
LEDs/each optic 2  
Light colour/type White  
Required components:  
C16872\_DAISY-7X1-SHD



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.

### 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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