

## OLGA-M

~30° medium beam with flange

### SPECIFICATION:

|                |           |
|----------------|-----------|
| Dimensions     | Ø 30.0 mm |
| Height         | 18.5 mm   |
| Fastening      | glue      |
| ROHS compliant | yes ⓘ     |

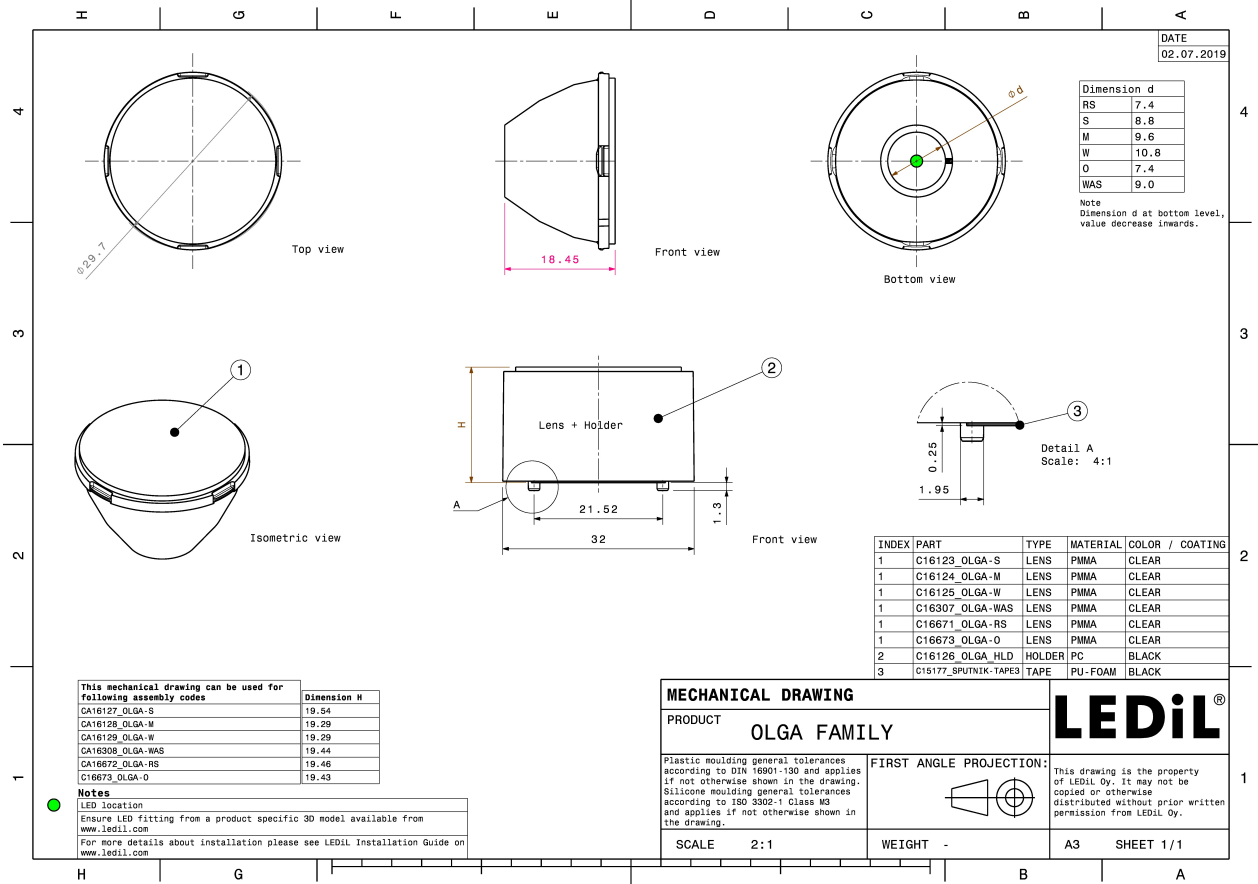
### MATERIALS:

| Component | Type        | Material | Colour | Finish |
|-----------|-------------|----------|--------|--------|
| OLGA-M    | Single lens | PMMA     | clear  |        |



### ORDERING INFORMATION:

| Component                                       | Qty in box | MOQ | MPQ | Box weight (kg) |
|---|------------|-----|-----|-----------------|
| C16124_OLGA-M<br>» Box size: 476 x 273 x 292 mm | 792        | 132 | 66  | 7.3             |



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

### OPTICAL RESULTS (MEASURED):

**bridgelux.**

|                      |               |
|----------------------|---------------|
| LED                  | V4 HD Gen 7   |
| FWHM / FWTM          | 24.0° / 48.0° |
| Efficiency           | 86 %          |
| Peak intensity       | 3.4 cd/lm     |
| LEDs/each optic      | 1             |
| Light colour         | White         |
| Required components: |               |




**bridgelux.**

|                      |                 |
|----------------------|-----------------|
| LED                  | Vesta TW 6mm DP |
| FWHM / FWTM          | 30.0° / 61.0°   |
| Efficiency           | 83 %            |
| Peak intensity       | 2.1 cd/lm       |
| LEDs/each optic      | 1               |
| Light colour         | White           |
| Required components: |                 |




**CITIZEN**

|                      |               |
|----------------------|---------------|
| LED                  | CLU7A2/7A3    |
| FWHM / FWTM          | 24.0° / 48.0° |
| Efficiency           | 87 %          |
| Peak intensity       | 3.4 cd/lm     |
| LEDs/each optic      | 1             |
| Light colour         | White         |
| Required components: |               |




**CITIZEN**

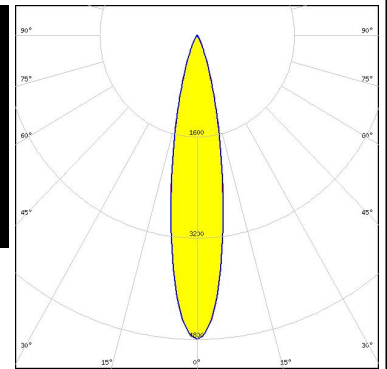
|                      |               |
|----------------------|---------------|
| LED                  | CLU7B2        |
| FWHM / FWTM          | 22.0° / 45.0° |
| Efficiency           | 82 %          |
| Peak intensity       | 3.7 cd/lm     |
| LEDs/each optic      | 1             |
| Light colour         | White         |
| Required components: |               |




### OPTICAL RESULTS (MEASURED):

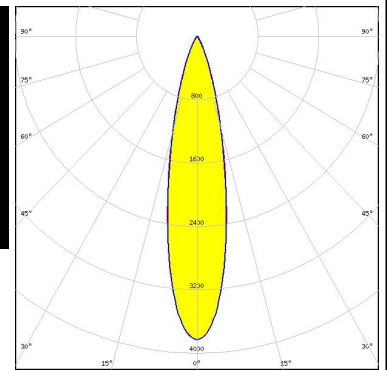
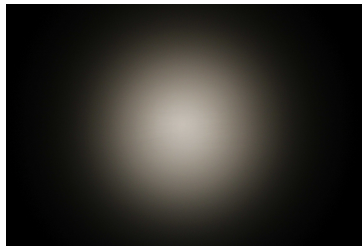
#### CITIZEN

LED CLU7L3  
 FWHM / FWTM 20.0° / 42.0°  
 Efficiency 86 %  
 Peak intensity 4.8 cd/m  
 LEDs/each optic 1  
 Light colour White  
 Required components:



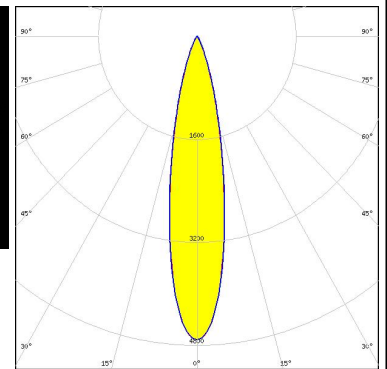
#### CITIZEN

LED CLU7R3  
 FWHM / FWTM 23.0° / 46.0°  
 Efficiency 85 %  
 Peak intensity 3.8 cd/m  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### CITIZEN

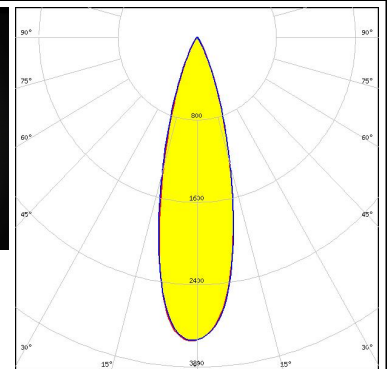
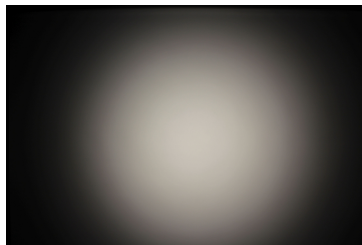
LED CLU7S3  
 FWHM / FWTM 21.0° / 43.0°  
 Efficiency 92 %  
 Peak intensity 4.7 cd/m  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### OSRAM

Opto Semiconductors

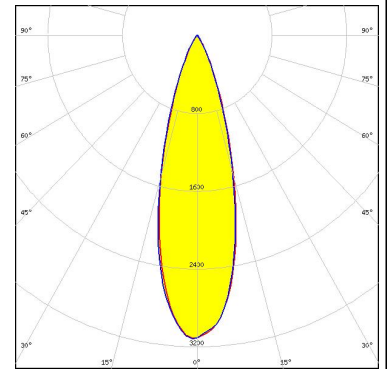
LED OSCONIQ P 3737 (3W version)  
 FWHM / FWTM 28.0° / 51.0°  
 Efficiency 84 %  
 Peak intensity 3 cd/m  
 LEDs/each optic 1  
 Light colour White  
 Required components:



### OPTICAL RESULTS (SIMULATED):

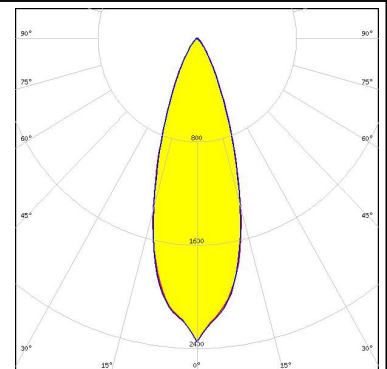


LED V6 HD Gen 7  
 FWHM / FWTM 30.0° / 54.0°  
 Efficiency 95 %  
 Peak intensity 3.1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:

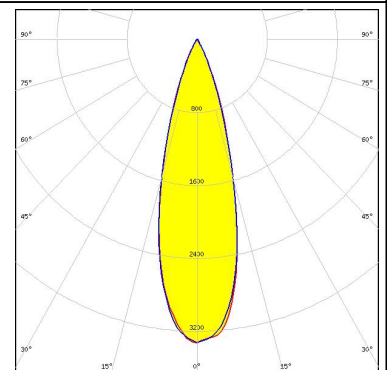


### CITIZEN

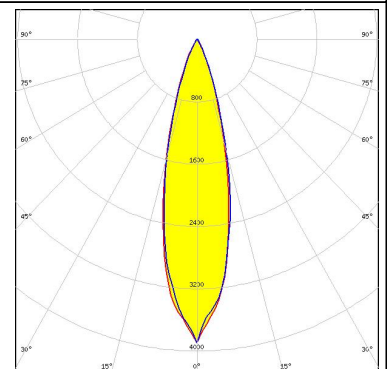
LED CLU710/711  
 FWHM / FWTM 34.0° / 62.0°  
 Efficiency 96 %  
 Peak intensity 2.3 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED CMA1303  
 FWHM / FWTM 29.0° / 51.0°  
 Efficiency 95 %  
 Peak intensity 3.4 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



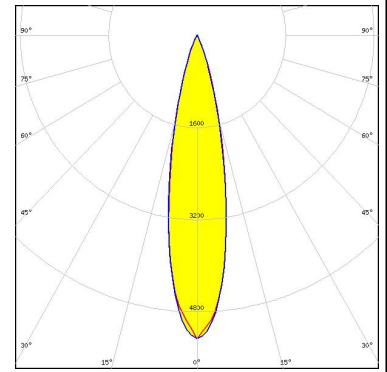
LED CXA/B 13xx  
 FWHM / FWTM 26.0° / 49.0°  
 Efficiency 96 %  
 Peak intensity 3.9 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



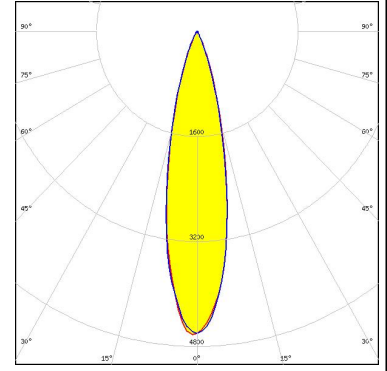
### OPTICAL RESULTS (SIMULATED):



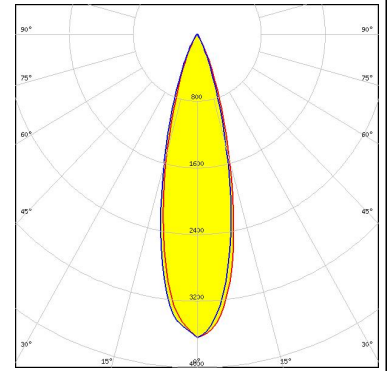
LED CXM-3  
 FWHM / FWTM 22.0° / 41.0 + 42.0°  
 Efficiency 96 %  
 Peak intensity 5.3 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



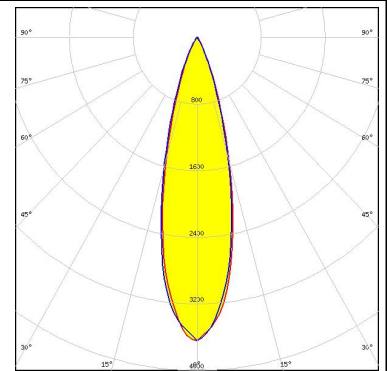
LED CXM-4  
 FWHM / FWTM 24.0° / 44.0°  
 Efficiency 96 %  
 Peak intensity 4.6 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED MJT COB LES 6  
 FWHM / FWTM 27.0° / 50.0°  
 Efficiency 94 %  
 Peak intensity 3.6 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



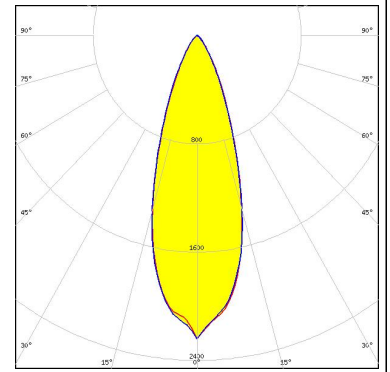
LED XOB 6 mm  
 FWHM / FWTM 27.0° / 50.0°  
 Efficiency 96 %  
 Peak intensity 3.6 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



## OPTICAL RESULTS (SIMULATED):

### XICATO

|                      |               |
|----------------------|---------------|
| LED                  | XOB 9.8 mm    |
| FWHM / FWTM          | 34.0° / 63.0° |
| Efficiency           | 95 %          |
| Peak intensity       | 2.2 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.

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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#### LEDiL Oy

Joensuunkatu 13  
FI-24240 SALO  
Finland

#### LEDiL Inc.

228 West Page Street  
Suite D  
Sycamore IL 60178  
USA

#### Ledil Optics Technology (Shenzhen) Co., Ltd.

# 405 , Block B  
Casic Motor Building  
Shenzhen 518057  
P.R.CHINA

#### Local sales and technical support

[www.ledil.com/  
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#### Shipping locations

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