

## OLGA-M

~30° medium beam with flange

### TECHNICAL SPECIFICATIONS:

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

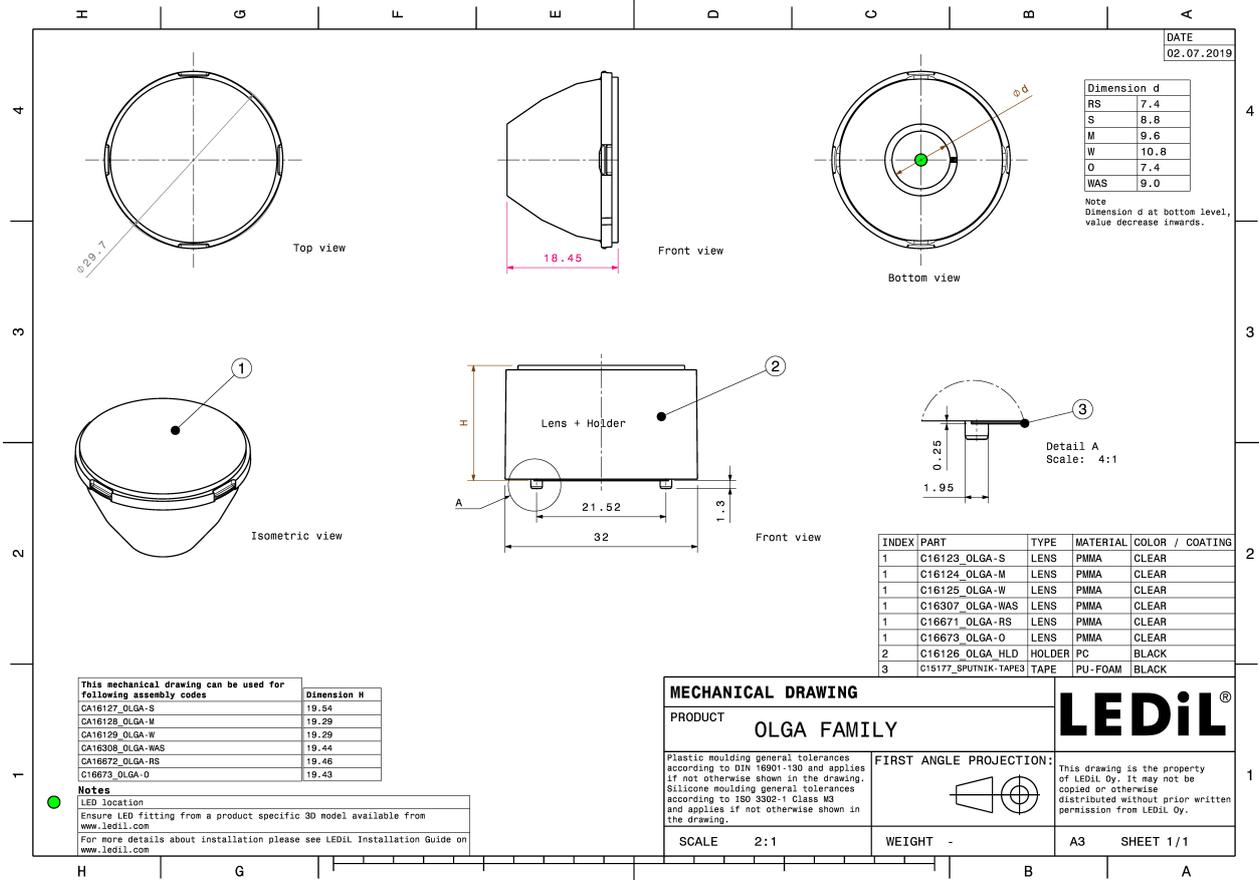
### MATERIAL SPECIFICATIONS:

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

### ORDERING INFORMATION:

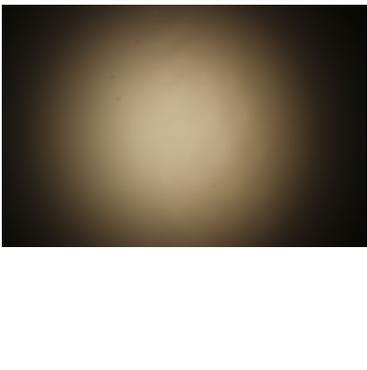
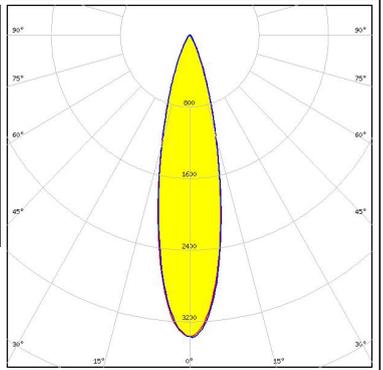
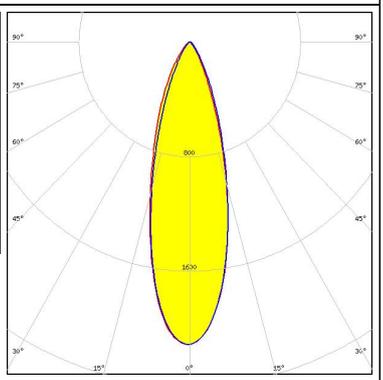
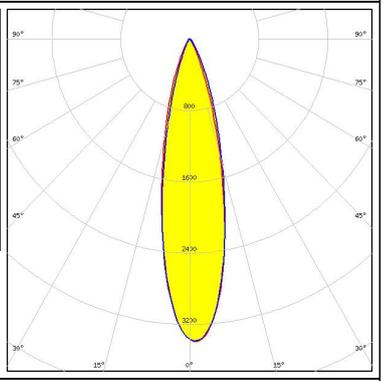
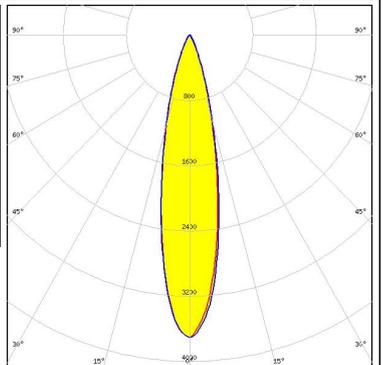
Component	Qty in box	MOQ	MPQ	Box weight (kg)
C16124_OLGA-M » Box size: 476 x 273 x 292 mm	792	132	66	7.3





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

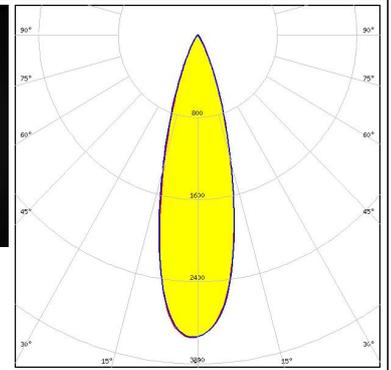
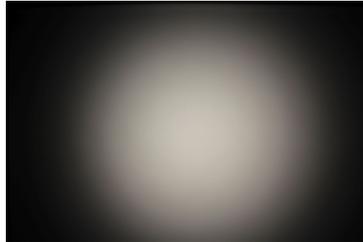
### PHOTOMETRIC DATA (MEASURED):

<p></p> <p>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:</p>		
<p></p> <p>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:</p>		
<p><b>CITIZEN</b></p> <p>LED CLU7A2 (LES 4.2mm)            FWHM / FWTM 24.0° / 48.0°            Efficiency 87 %            Peak intensity 3.4 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>		
<p><b>CITIZEN</b></p> <p>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:</p>		

### PHOTOMETRIC DATA (MEASURED):

**OSRAM**  
Opto Semiconductors

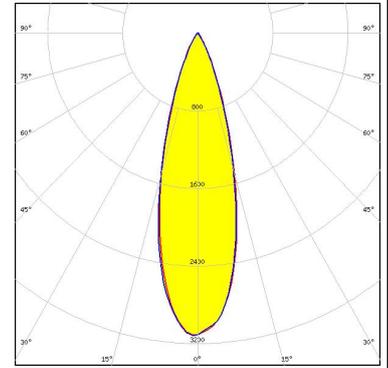
LED OSCONIQ P 3737 (3W version)  
FWHM / FWTM 28.0° / 51.0°  
Efficiency 84 %  
Peak intensity 3 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



### PHOTOMETRIC DATA (SIMULATED):

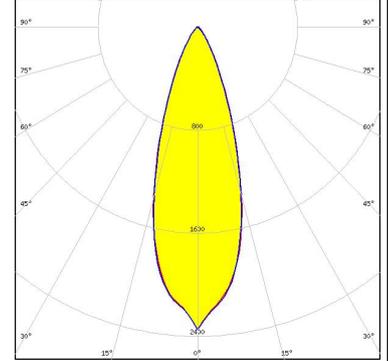


LED V6 HD Gen 7  
 FWHM / FWTM 30.0° / 54.0°  
 Efficiency 95 %  
 Peak intensity 3.1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:

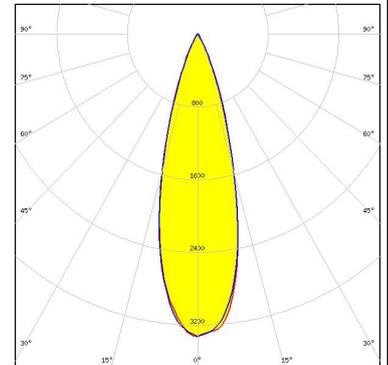


### CITIZEN

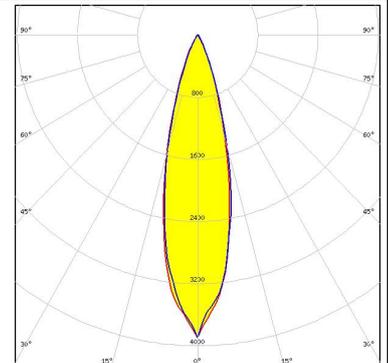
LED CLU710/711  
 FWHM / FWTM 34.0° / 62.0°  
 Efficiency 96 %  
 Peak intensity 2.3 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



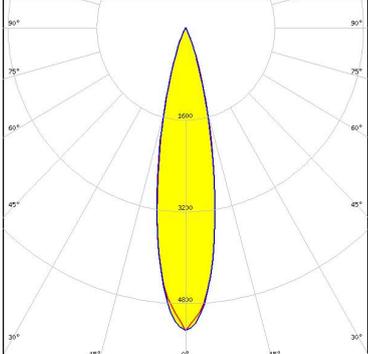
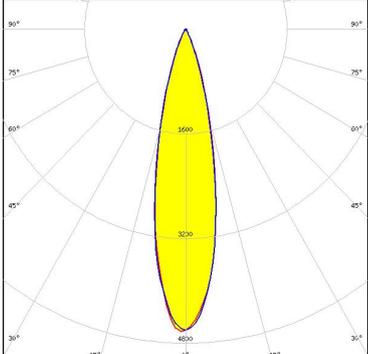
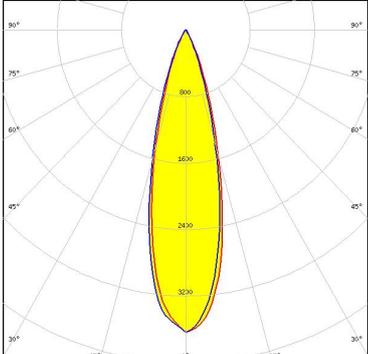
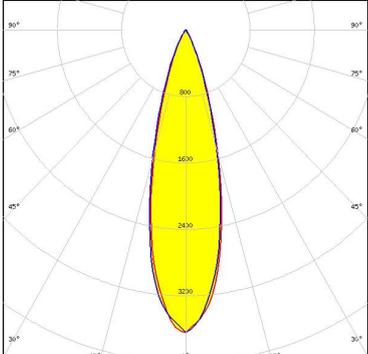
LED CMA1303  
 FWHM / FWTM 29.0° / 51.0°  
 Efficiency 95 %  
 Peak intensity 3.4 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



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:



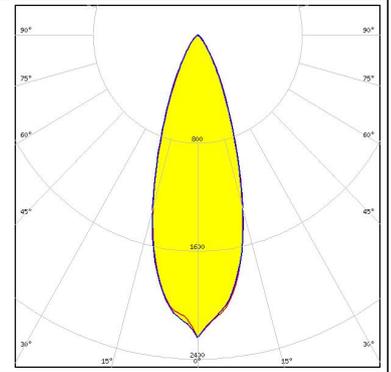
### PHOTOMETRIC DATA (SIMULATED):

<p><b>LUMINUS</b></p> <p>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:</p>	
<p><b>LUMINUS</b></p> <p>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:</p>	
<p><b>SEMI</b> SEOUL SEMICONDUCTOR</p> <p>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:</p>	
<p><b>XICATO</b></p> <p>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:</p>	

## PHOTOMETRIC DATA (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.

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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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