

OLGA-S

~11° spot beam with flange

SPECIFICATION:

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

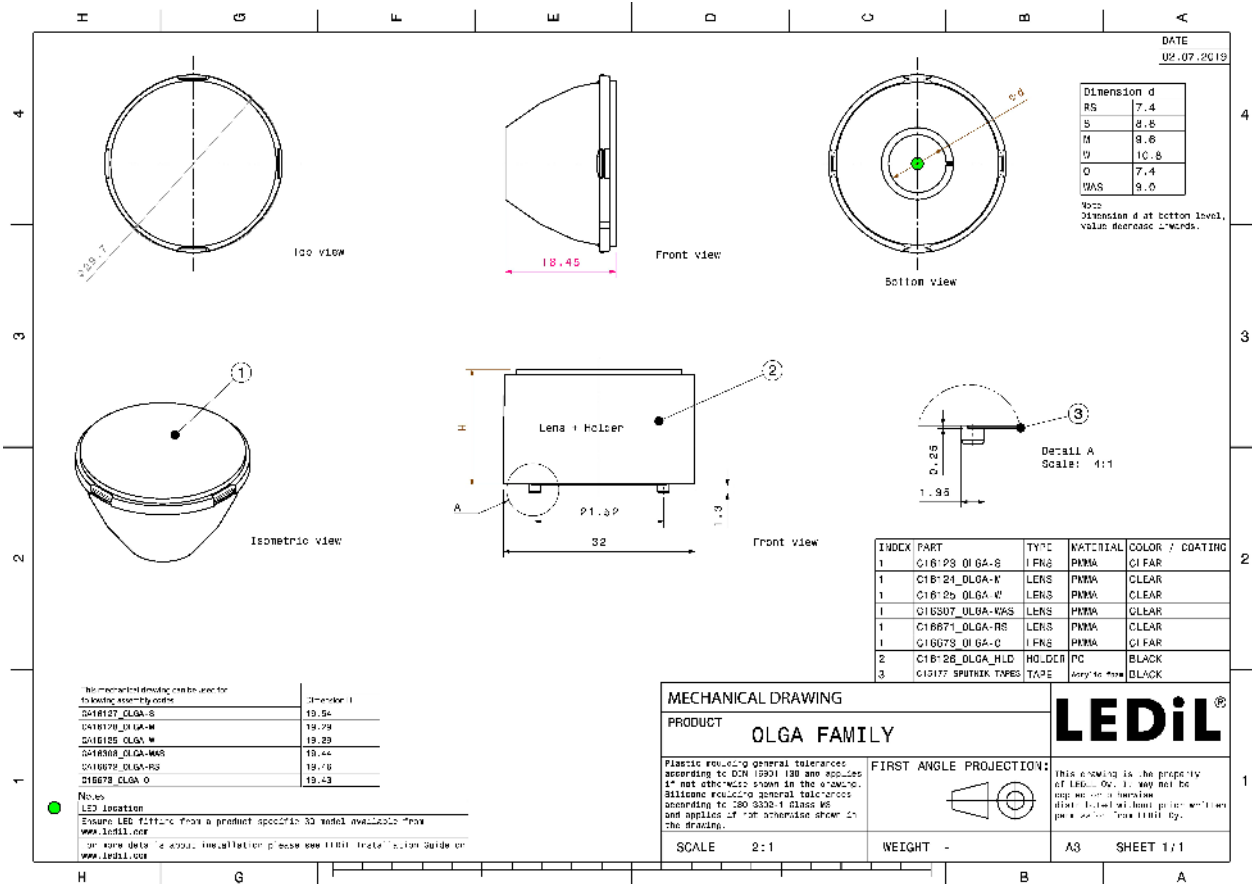
MATERIALS:

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





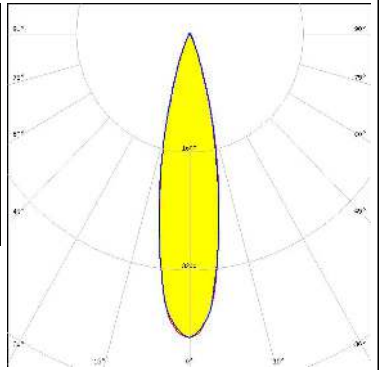


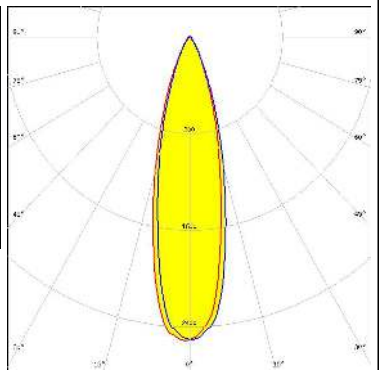
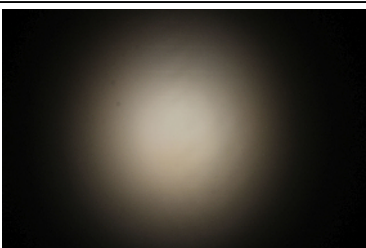
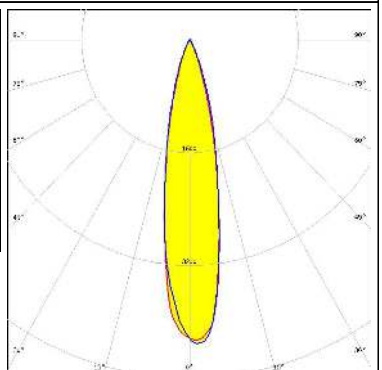
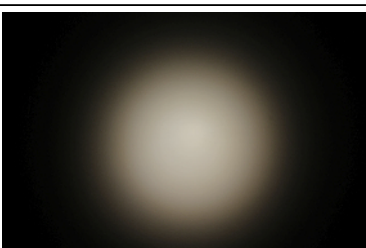
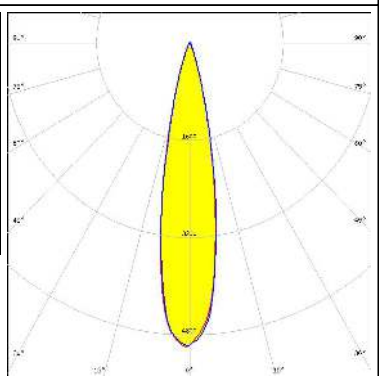
ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C16123_OLGA-S » Box size: 476 x 273 x 292 mm	792	132	66	7.3



See also our general installation guide: www.ledil.com/installation_guide

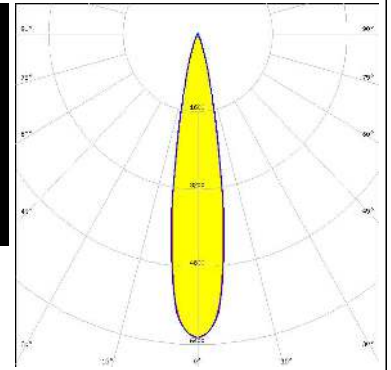
OPTICAL RESULTS (MEASURED):

<p></p> <p>LED V4 HD Gen 7 FWHM / FWTM 23.0° / 42.0° Efficiency 85 % Peak intensity 4.1 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p></p> <p>LED Vesta TW 6mm DP FWHM / FWTM 27.0° / 54.0° Efficiency 80 % Peak intensity 2.5 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>CITIZEN</p> <p>LED CLU7A2/7A3 FWHM / FWTM 21.0° / 43.0° Efficiency 87 % Peak intensity 4.3 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>CITIZEN</p> <p>LED CLU7B2 FWHM / FWTM 21.0° / 37.0° Efficiency 83 % Peak intensity 5 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		

OPTICAL RESULTS (MEASURED):

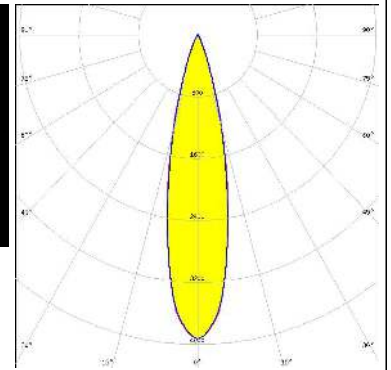
CITIZEN

LED CLU7L3
 FWHM / FWTM 19.0° / 35.0°
 Efficiency 85 %
 Peak intensity 6.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



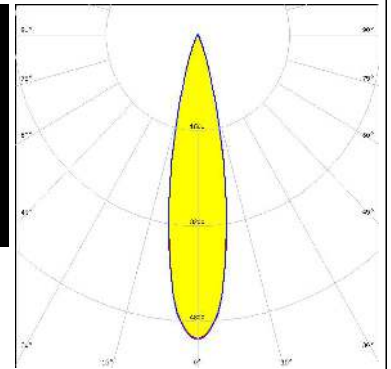
CITIZEN

LED CLU7R3
 FWHM / FWTM 23.0° / 42.0°
 Efficiency 80 %
 Peak intensity 3.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



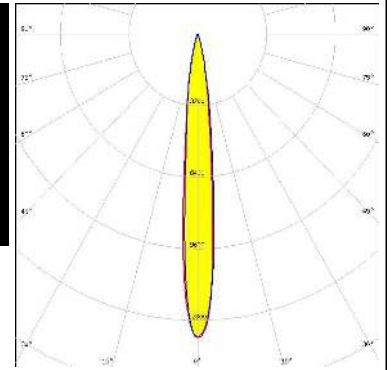
CITIZEN

LED CLU7S3
 FWHM / FWTM 22.0° / 39.0°
 Efficiency 88 %
 Peak intensity 5.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



CREE LED

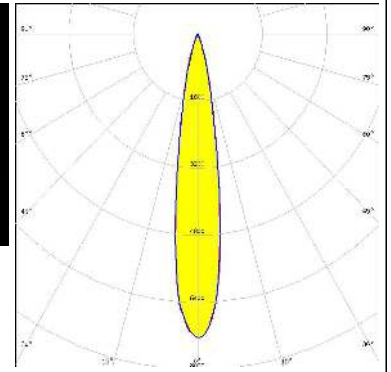
LED XP-E2
 FWHM / FWTM 11.0° / 26.0°
 Efficiency 89 %
 Peak intensity 13.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:




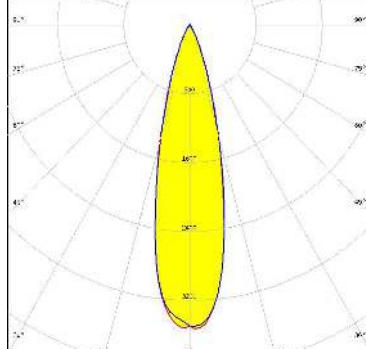

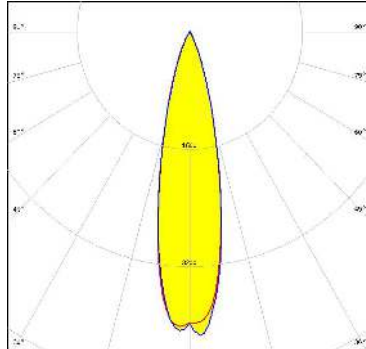

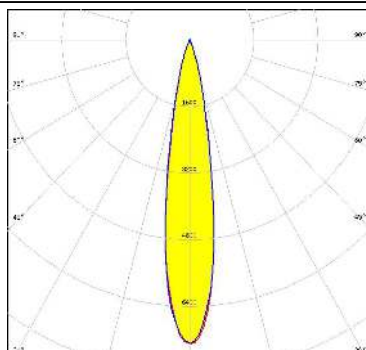

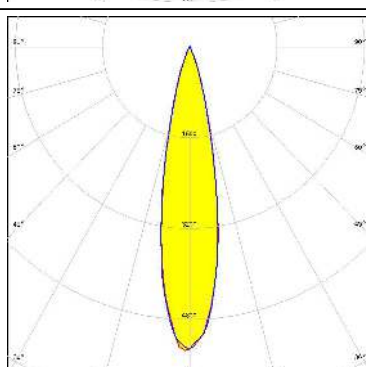
OPTICAL RESULTS (MEASURED):

OSRAM
Opto Semiconductors


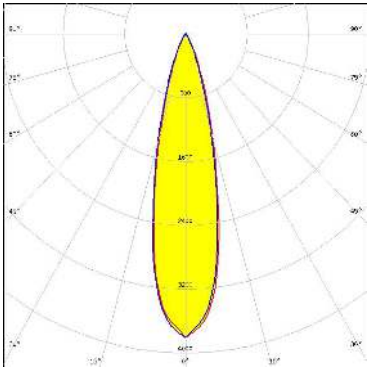
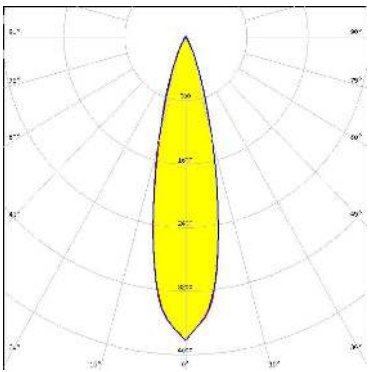
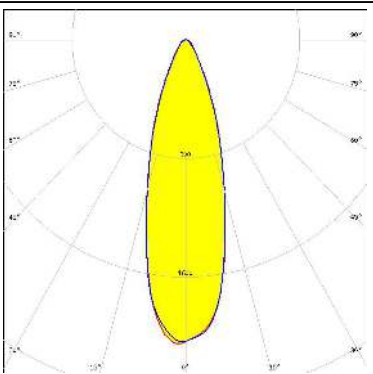
LED OSCONIQ P 3737 (3W version)
FWHM / FWTM 17.0° / 33.0°
Efficiency 86 %
Peak intensity 7.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OPTICAL RESULTS (SIMULATED):

<p> LED V6 HD Gen 7</p> <p>FWHM / FWTM 26.0° / 48.0°</p> <p>Efficiency 89 %</p> <p>Peak intensity 3.5 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	
<p> LED CXA/B 13xx</p> <p>FWHM / FWTM 24.0° / 46.0°</p> <p>Efficiency 92 %</p> <p>Peak intensity 4.2 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	
<p> LED CXM-3</p> <p>FWHM / FWTM 18.0° / 34.0°</p> <p>Efficiency 94 %</p> <p>Peak intensity 7.3 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	
<p> LED CXM-4</p> <p>FWHM / FWTM 22.0° / 40.0°</p> <p>Efficiency 93 %</p> <p>Peak intensity 5.4 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	

OPTICAL RESULTS (SIMULATED):

<p> SEOUL SEMICONDUCTOR</p> <p>LED MJT COB LES 6</p> <p>FWHM / FWTM 24.0° / 47.0°</p> <p>Efficiency 92 %</p> <p>Peak intensity 3.8 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	
<p>XICATO</p> <p>LED XOB 6 mm</p> <p>FWHM / FWTM 24.0° / 47.0°</p> <p>Efficiency 90 %</p> <p>Peak intensity 3.8 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	
<p>XICATO</p> <p>LED XOB 9.8 mm</p> <p>FWHM / FWTM 30.0° / 64.0°</p> <p>Efficiency 90 %</p> <p>Peak intensity 2.1 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	

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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