

OLGA-RS

~9° spot beam with flange. Optimized for high-power 3535 size LED packages.

TECHNICAL SPECIFICATIONS:

Dimensions	Ø 29.7 mm
Height	18.4 mm
ROHS compliant	yes 

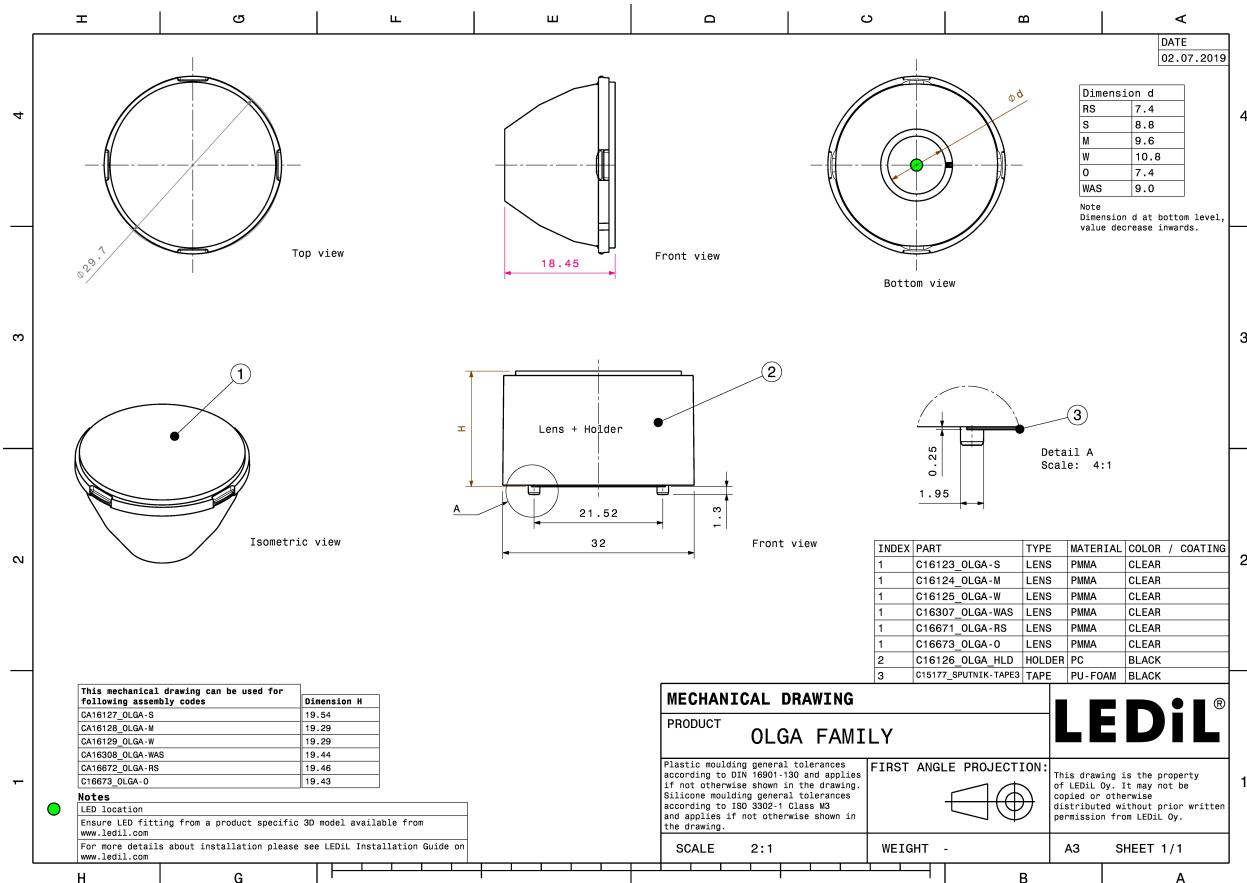


MATERIAL SPECIFICATIONS:

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

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C16671_OLGA-RS	792	132	66	7.3
» Box size: 476 x 273 x 292 mm				



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

PHOTOMETRIC DATA (MEASURED):

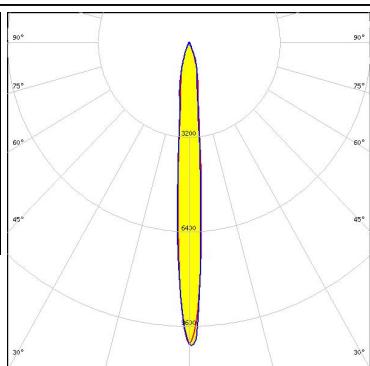


LED Vesta TW 6mm DP
 FWHM / FWTM 16.0° / 51.0°
 Efficiency 85 %
 Peak intensity 3.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



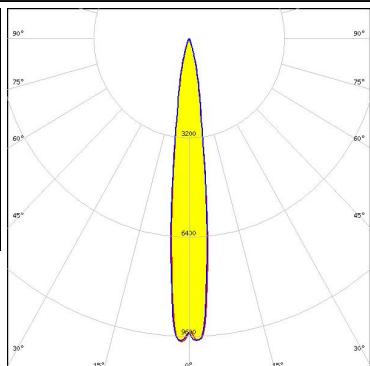
CITIZEN

LED CLU7B2
 FWHM / FWTM 9.0° / 31.0°
 Efficiency 84 %
 Peak intensity 10.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



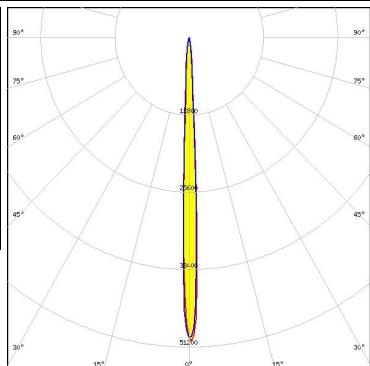
CREE LED

LED XHP35 HD
 FWHM / FWTM 13.0° / 29.0°
 Efficiency 84 %
 Peak intensity 9.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

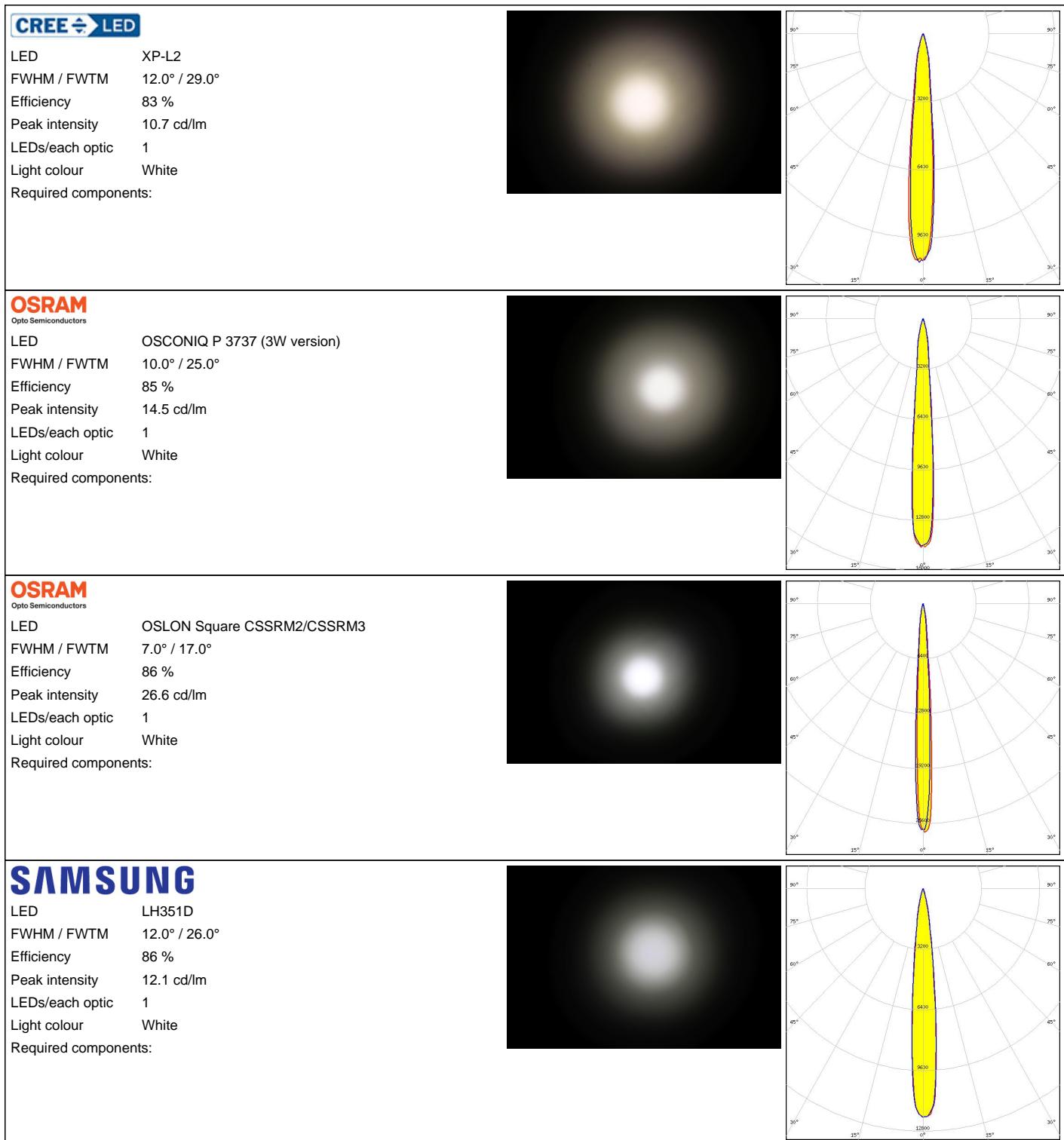


CREE LED

LED XP-E2
 FWHM / FWTM 5.0° / 12.0°
 Efficiency 86 %
 Peak intensity 50.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



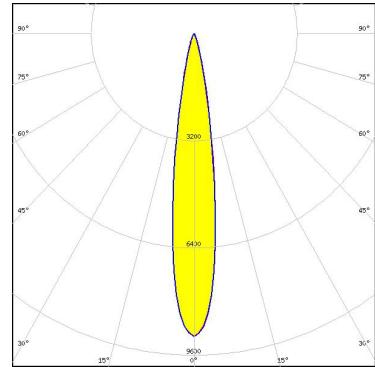
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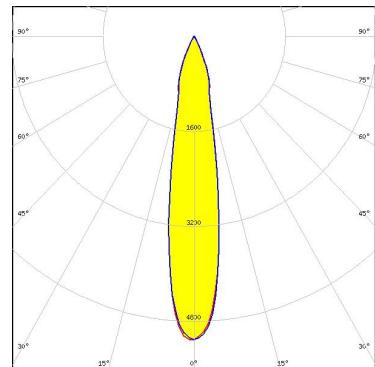
PHOTOMETRIC DATA (SIMULATED):



LED V4 HD
FWHM / FWTM 16.0° / 31.0°
Efficiency 96 %
Peak intensity 9.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:

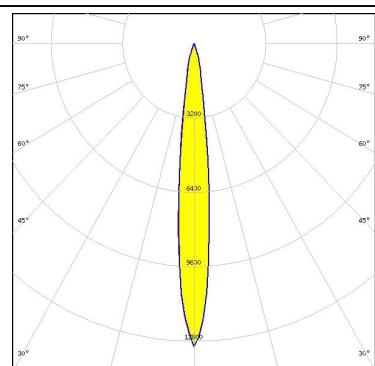


LED V6 HD
FWHM / FWTM 18.0° / 46.0°
Efficiency 93 %
Peak intensity 5.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:

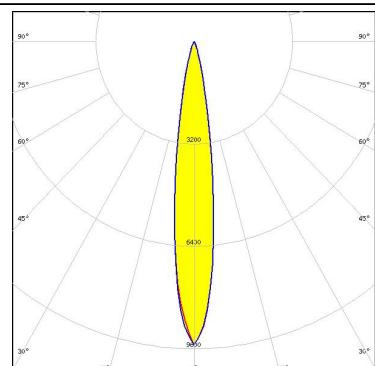


CITIZEN

LED CLU7A2 (LES 4.2mm)
FWHM / FWTM 12.0° / 27.0°
Efficiency 91 %
Peak intensity 13 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED CMA1303
FWHM / FWTM 16.0° / 30.0°
Efficiency 95 %
Peak intensity 9.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:

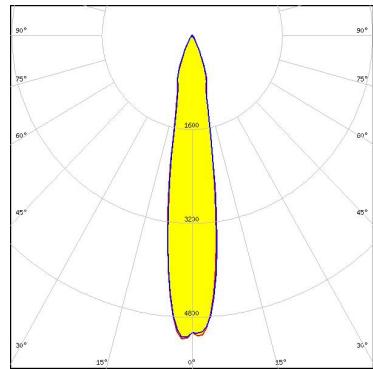


PHOTOMETRIC DATA (SIMULATED):



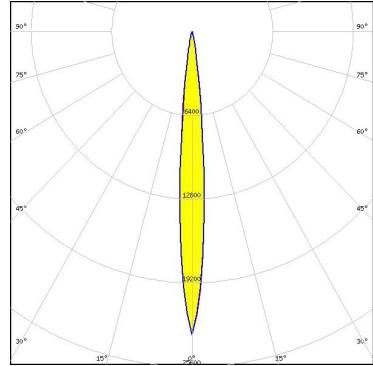
LED	CXA/B 13xx
FWHM / FWTM	18.0° / 45.0°
Efficiency	89 %
Peak intensity	4.9 cd/lm
LEDs/each optic	1
Light colour	White

Required components:



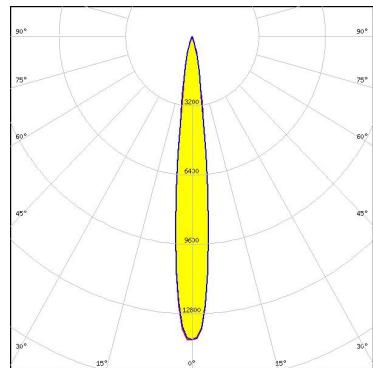
LED	XHP35 HI
FWHM / FWTM	10.0° / 20.0°
Efficiency	96 %
Peak intensity	23.2 cd/lm
LEDs/each optic	1
Light colour	White

Required components:



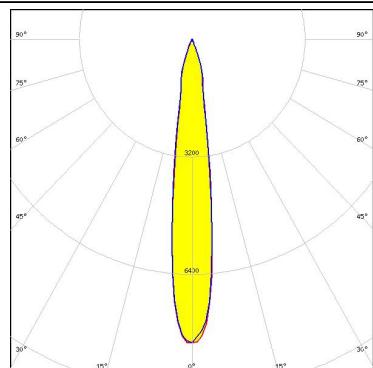
LED	CXM-3
FWHM / FWTM	12.0° / 26.0°
Efficiency	96 %
Peak intensity	14 cd/lm
LEDs/each optic	1
Light colour	White

Required components:



LED	CXM-4
FWHM / FWTM	14.0° / 38.0°
Efficiency	96 %
Peak intensity	8.3 cd/lm
LEDs/each optic	1
Light colour	White

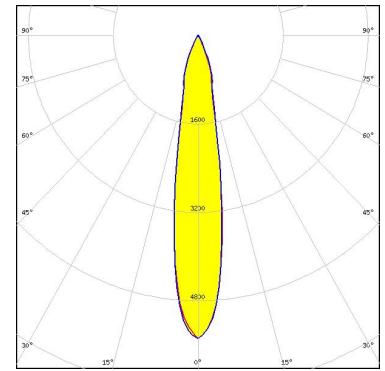
Required components:



PHOTOMETRIC DATA (SIMULATED):

XICATO

LED XOB 6 mm
FWHM / FWTM 18.0° / 46.0°
Efficiency 94 %
Peak intensity 5.5 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
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