

OLGA-RS

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

SPECIFICATION:

Dimensions	Ø 29.7
Height	18.4 mm
ROHS compliant	yes ⓘ

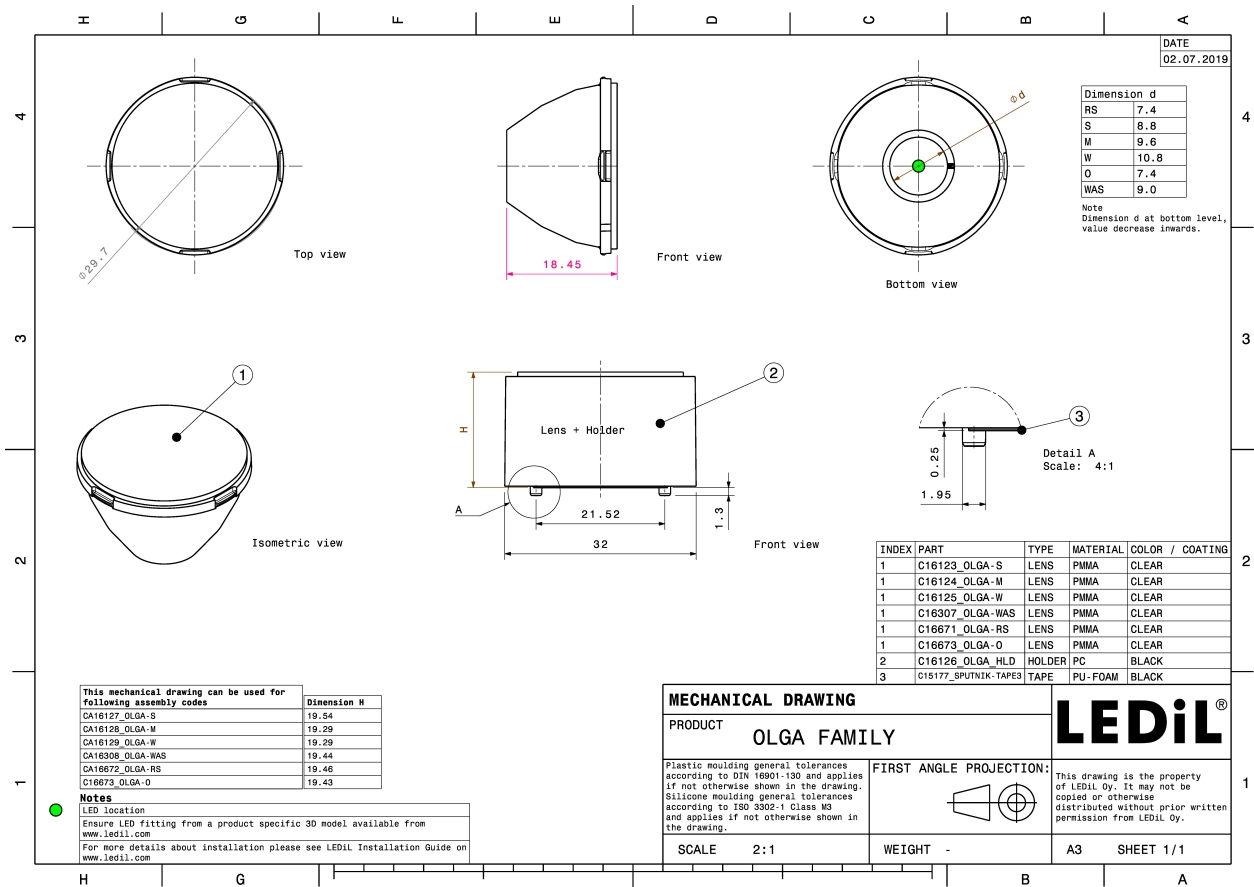


MATERIALS:

Component	Type	Material	Colour	Finish	Length (mm)
OLGA-RS	Single lens	PMMA	clear		

ORDERING INFORMATION:

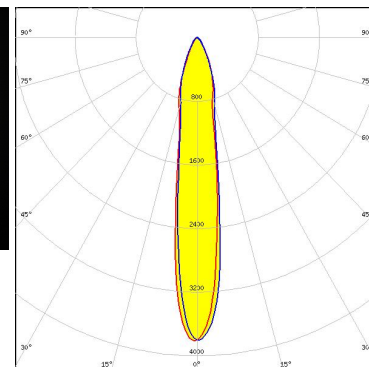
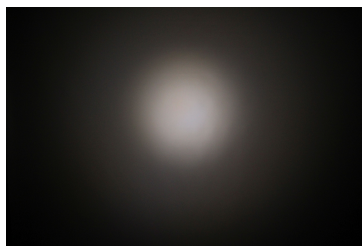
Component	Qty in box	MOQ	MPQ	Box weight (kg)
C16671_OLGA-RS » Box size: 476 x 273 x 292 mm	792	132	66	7.3



OPTICAL RESULTS (MEASURED):



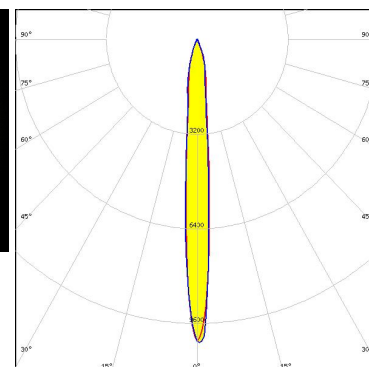
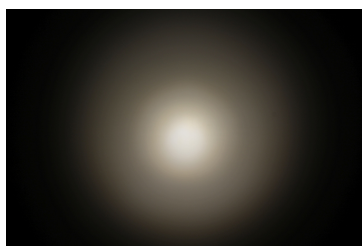
LED Vesta TW 6mm DP
FWHM / FWTM 16.0° / 51.0°
Efficiency 85 %
Peak intensity 3.8 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

CITIZEN

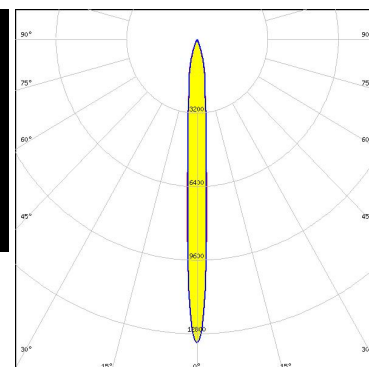
LED CLU7B2
FWHM / FWTM 9.0° / 31.0°
Efficiency 84 %
Peak intensity 10.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

CITIZEN

LED CLU7L3
FWHM / FWTM 7.0° / 29.0°
Efficiency 89 %
Peak intensity 13.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

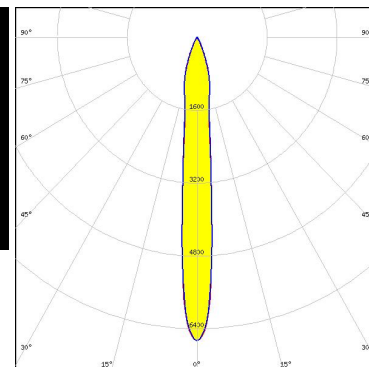
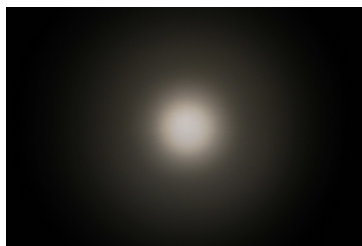


Light distribution files

OPTICAL RESULTS (MEASURED):

CITIZEN

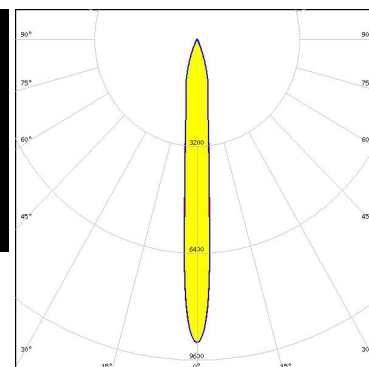
LED	CLU7R3
FWHM / FWTM	12.0° / 41.0°
Efficiency	87 %
Peak intensity	6.7 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

CITIZEN

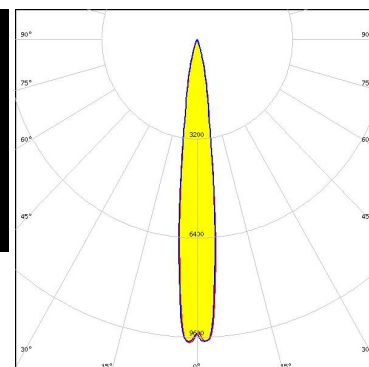
LED	CLU7S3
FWHM / FWTM	10.0° / 37.0°
Efficiency	93 %
Peak intensity	9.1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files



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

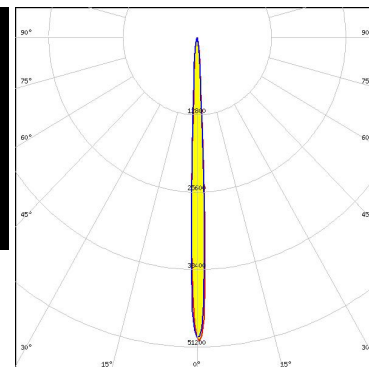


Light distribution files

OPTICAL RESULTS (MEASURED):



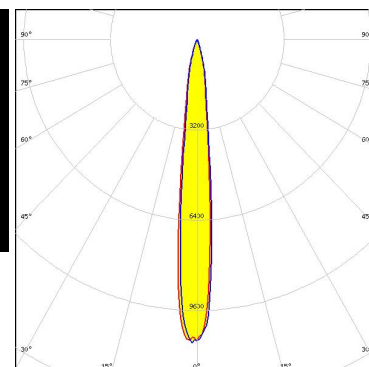
LED XP-E2
FWHM / FWTM 5.0° / 12.0°
Efficiency 86 %
Peak intensity 50.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



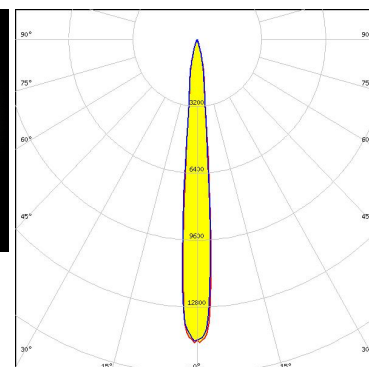
LED XP-L2
FWHM / FWTM 12.0° / 29.0°
Efficiency 83 %
Peak intensity 10.7 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED OSCONIQ P 3737 (3W version)
FWHM / FWTM 10.0° / 25.0°
Efficiency 85 %
Peak intensity 14.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

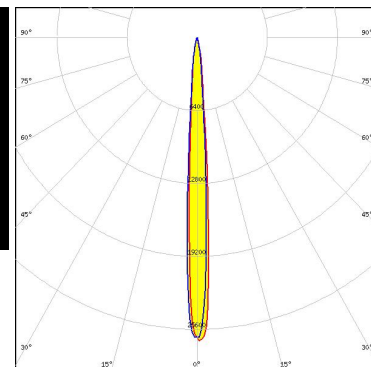


Light distribution files

OPTICAL RESULTS (MEASURED):

OSRAM
Opto Semiconductors

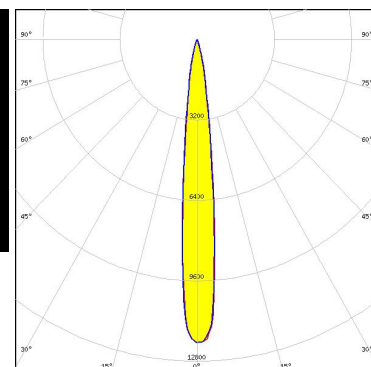
LED OSLON Square CSSRM2/CSSRM3
FWHM / FWTM 7.0° / 17.0°
Efficiency 86 %
Peak intensity 26.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

SAMSUNG

LED LH351D
FWHM / FWTM 12.0° / 26.0°
Efficiency 86 %
Peak intensity 12.1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

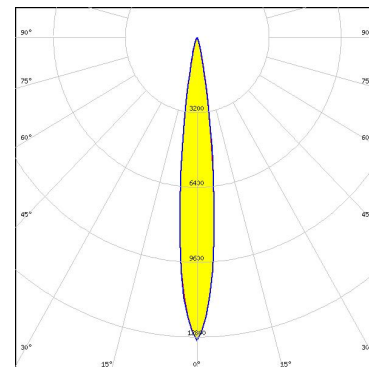


Light distribution files

OPTICAL RESULTS (SIMULATED):



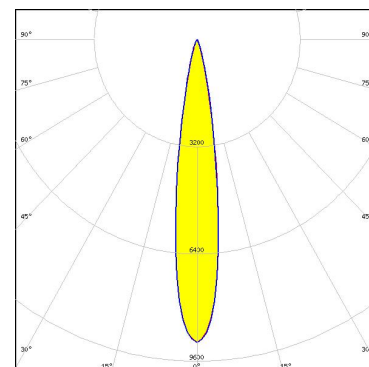
LED V3 HD Gen 8
FWHM / FWTM 14.0° / 26.0°
Efficiency 96 %
Peak intensity 13 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



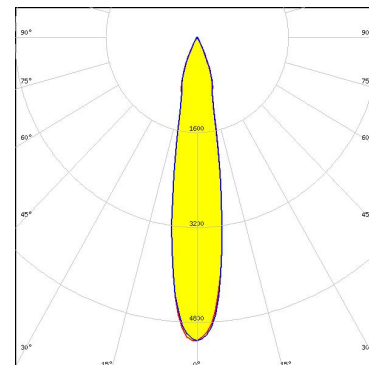
LED V4 HD Gen 7
FWHM / FWTM 16.0° / 31.0°
Efficiency 96 %
Peak intensity 9.1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED V6 HD Gen 7
FWHM / FWTM 18.0° / 46.0°
Efficiency 93 %
Peak intensity 5.1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

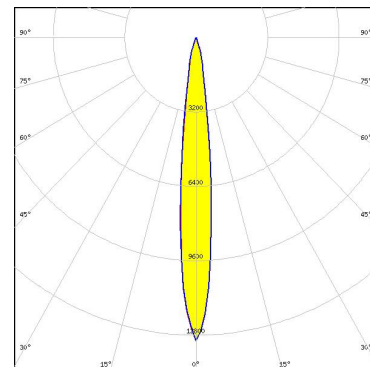


Light distribution files

OPTICAL RESULTS (SIMULATED):

CITIZEN

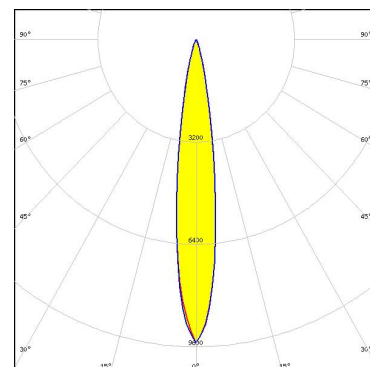
LED	CLU7A2/7A3
FWHM / FWTM	12.0° / 27.0°
Efficiency	91 %
Peak intensity	13 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files



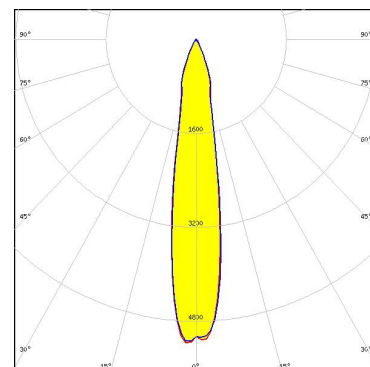
LED	CMA1303
FWHM / FWTM	16.0° / 30.0°
Efficiency	95 %
Peak intensity	9.5 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files



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

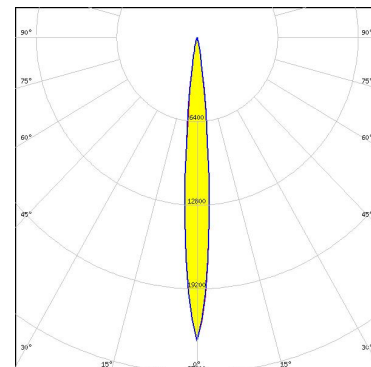


Light distribution files

OPTICAL RESULTS (SIMULATED):



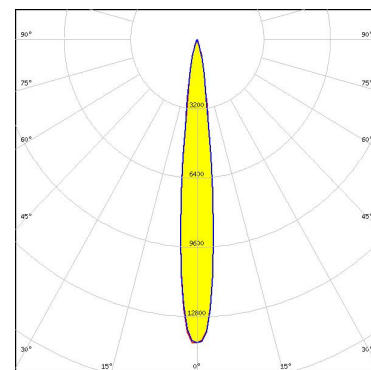
LED XHP35 HI
FWHM / FWTM 10.0° / 20.0°
Efficiency 96 %
Peak intensity 23.2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



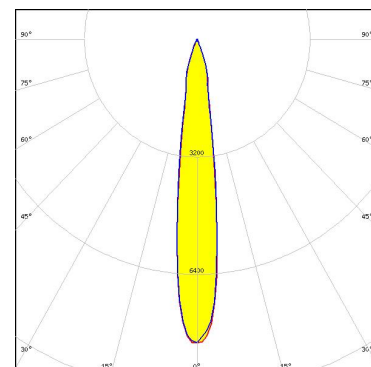
LED CXM-3
FWHM / FWTM 12.0° / 26.0°
Efficiency 96 %
Peak intensity 14 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



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

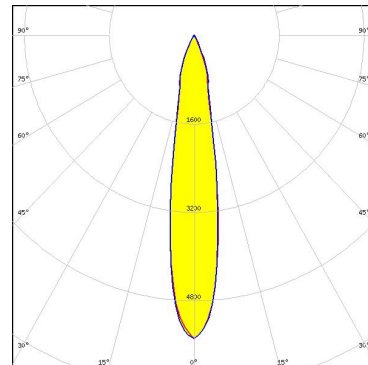


Light distribution files

OPTICAL RESULTS (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/type	White
Required components:	



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.

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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