

OLGA-SS2

~6° smooth spot beam. Optimized for high-power 3535 size LED packages. Assembly with holder and installation tape.

SPECIFICATION:

Dimensions	Ø 32.0
Height	19 mm
ROHS compliant	yes ⓘ

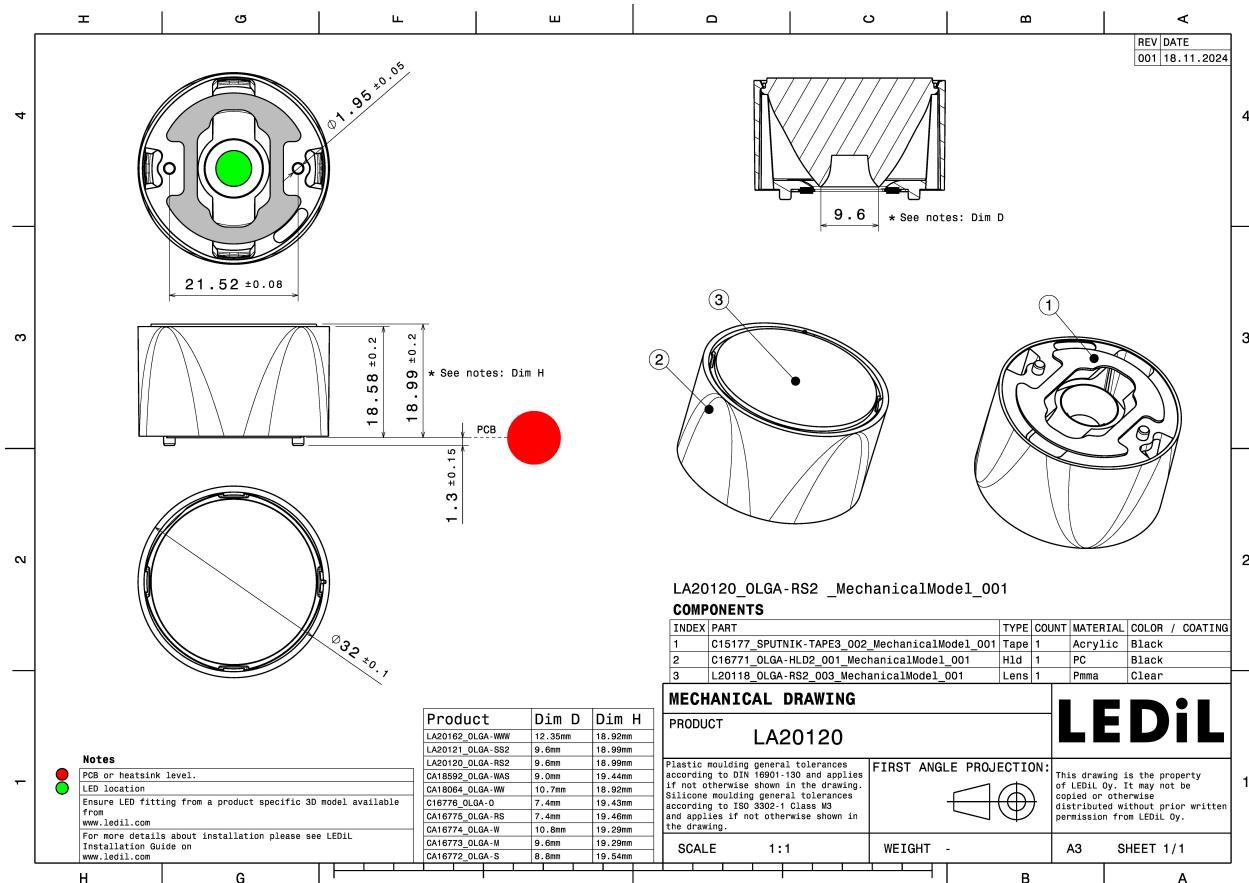


MATERIALS:

Component	Type	Material	Colour	Finish	Length (mm)
OLGA-HLD2	Holder	PC	black		
OLGA-SS2	Single lens	PMMA	clear	gloss	
SPUTNIK-TAPE3	Tape	Acryl tape	black		

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
LA20121_OLGA-SS2	792	132	66	9.7
» Box size: 480 x 280 x 300 mm				

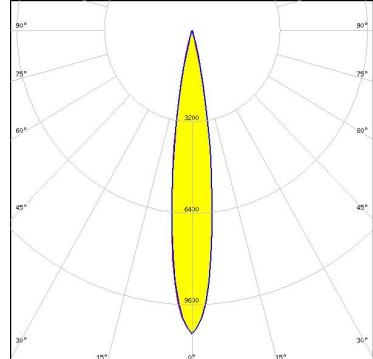


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (SIMULATED):



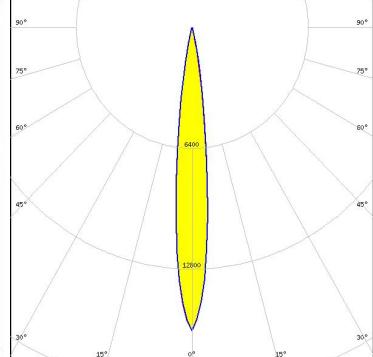
LED XHP35.2 HD
 FWHM / FWTM 16.0° / 27.0°
 Efficiency 90 %
 Peak intensity 10.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



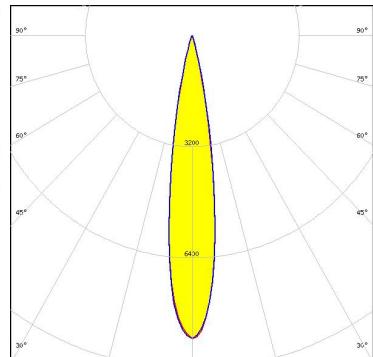
LED XHP35.2 HI
 FWHM / FWTM 12.0° / 23.0°
 Efficiency 92 %
 Peak intensity 16 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED XHP50.3 HD
 FWHM / FWTM 17.0° / 30.0°
 Efficiency 90 %
 Peak intensity 8.8 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

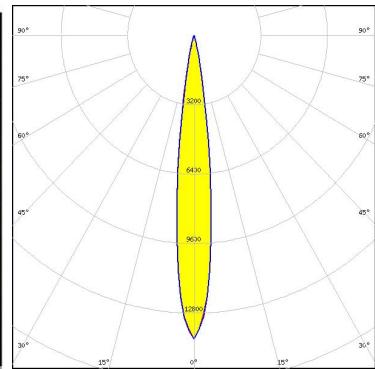


Light distribution files

OPTICAL RESULTS (SIMULATED):



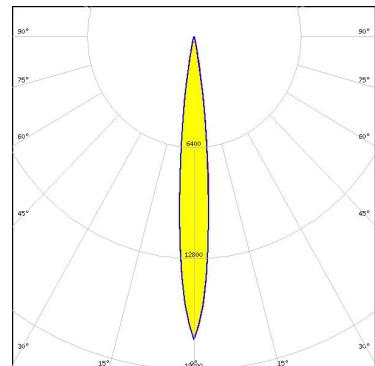
LED	XHP50.3 HI
FWHM / FWTM	13.0° / 24.0°
Efficiency	92 %
Peak intensity	14 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files



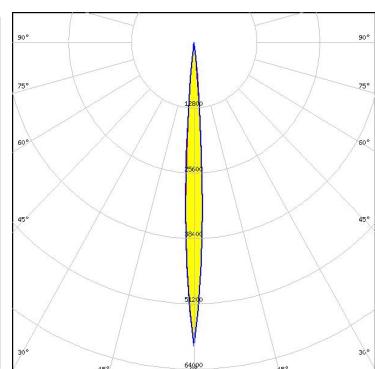
LED	XM-L3
FWHM / FWTM	11.0° / 22.0°
Efficiency	90 %
Peak intensity	17.4 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files



LED	XP-E2
FWHM / FWTM	6.0° / 12.0°
Efficiency	94 %
Peak intensity	59 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

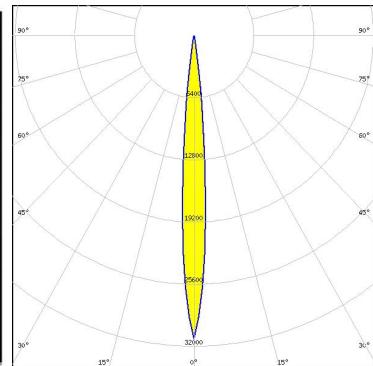


Light distribution files

OPTICAL RESULTS (SIMULATED):



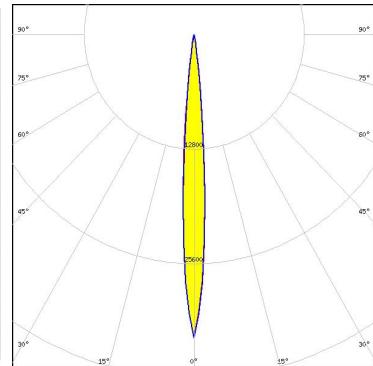
LED	XP-G4
FWHM / FWTM	9.0° / 17.0°
Efficiency	94 %
Peak intensity	31.2 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files



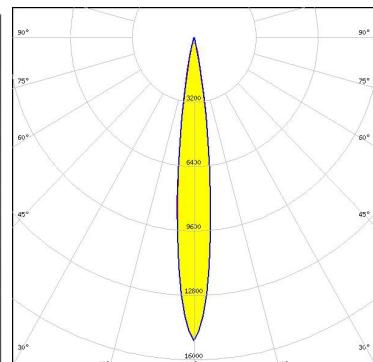
LED	XP-L HI
FWHM / FWTM	8.0° / 16.0°
Efficiency	94 %
Peak intensity	33.9 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files



LED	XP-L2
FWHM / FWTM	13.0° / 22.0°
Efficiency	91 %
Peak intensity	15 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

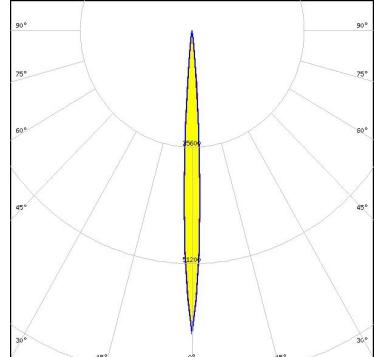
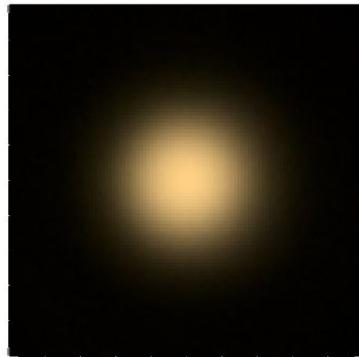


Light distribution files

OPTICAL RESULTS (SIMULATED):



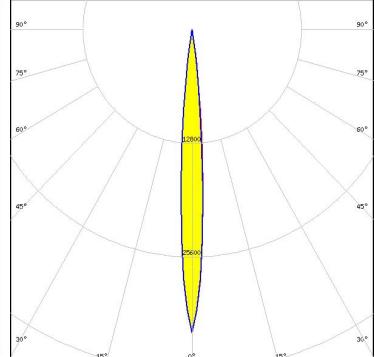
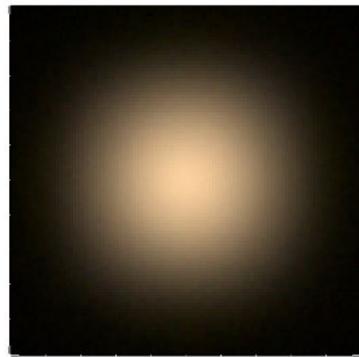
LED	XQ-E HI
FWHM / FWTM	6.0° / 11.0°
Efficiency	94 %
Peak intensity	66.6 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files



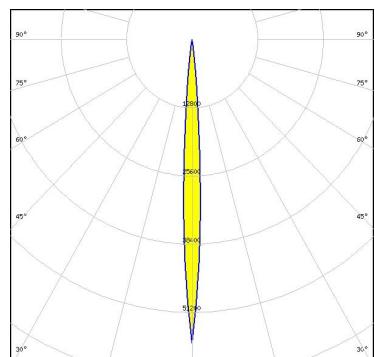
LED	LUXEON TX
FWHM / FWTM	8.0° / 16.0°
Efficiency	93 %
Peak intensity	34.1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files



LED	SFT-12R-W-F
FWHM / FWTM	6.0° / 13.0°
Efficiency	93 %
Peak intensity	56.9 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

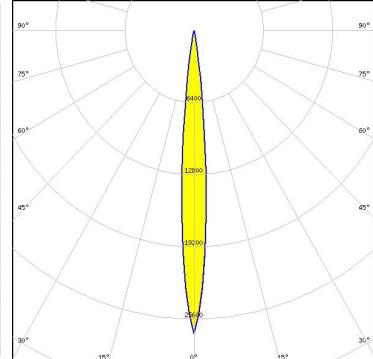
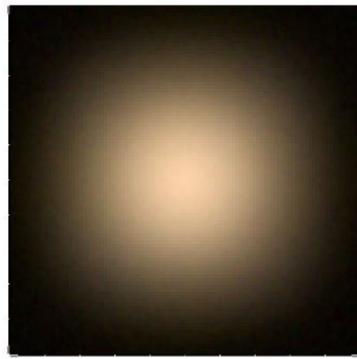


Light distribution files

OPTICAL RESULTS (SIMULATED):



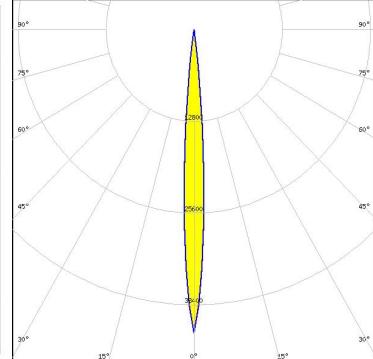
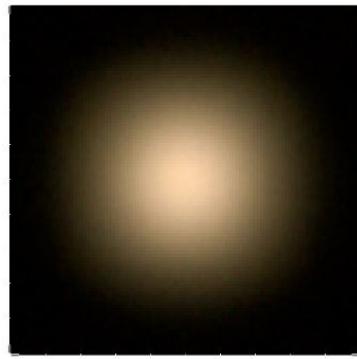
LED	NVSW219F
FWHM / FWTM	10.0° / 18.0°
Efficiency	93 %
Peak intensity	27 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files



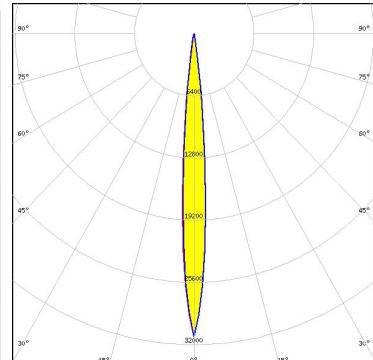
LED	OSCONIQ C 2424 Gen1
FWHM / FWTM	8.0° / 14.0°
Efficiency	94 %
Peak intensity	42.2 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files



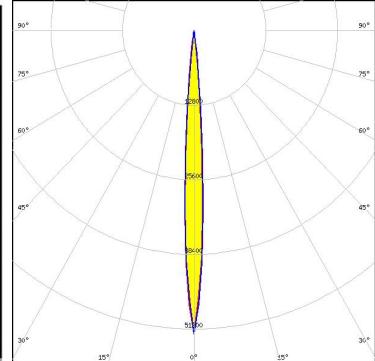
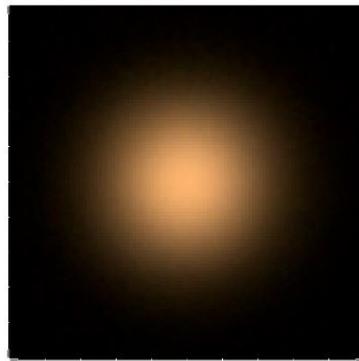
LED	OSLON Square CSSRM2/CSSRM3
FWHM / FWTM	9.0° / 17.0°
Efficiency	93 %
Peak intensity	31.2 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

LED OSLON SSL 150
FWHM / FWTM 7.0° / 13.0°
Efficiency 95 %
Peak intensity 52 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.

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.

LEDiL Oy assumes neither warranty, nor guarantee nor any other liability of any kind for the contents and correctness of the provided data. The provided data has been generated with highest diligence but the provided data may in reality not represent the complete possible variation range of all intrinsic parameters. Therefore, in certain cases a deviation from the provided data could occur.

LEDiL Oy reserves the right to undertake technical changes of its products without further notification which could lead to changes in the provided data. LEDiL Oy assumes no liability of any kind for the possible deviation from any provided data or any other damage resulting from the usage of the provided data.

The user agrees to this disclaimer and user agreement with the download or usage of the provided files.

LEDiL Oy
Joensuunkatu 7
FI-24100 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/
where_to_buy](http://www.ledil.com/where_to_buy)

Shipping locations
Poznan, Poland
Hong Kong, China

Distribution Partners
[www.ledil.com/
where_to_buy](http://www.ledil.com/where_to_buy)