

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
Fastening	
ROHS compliant	yes ⓘ

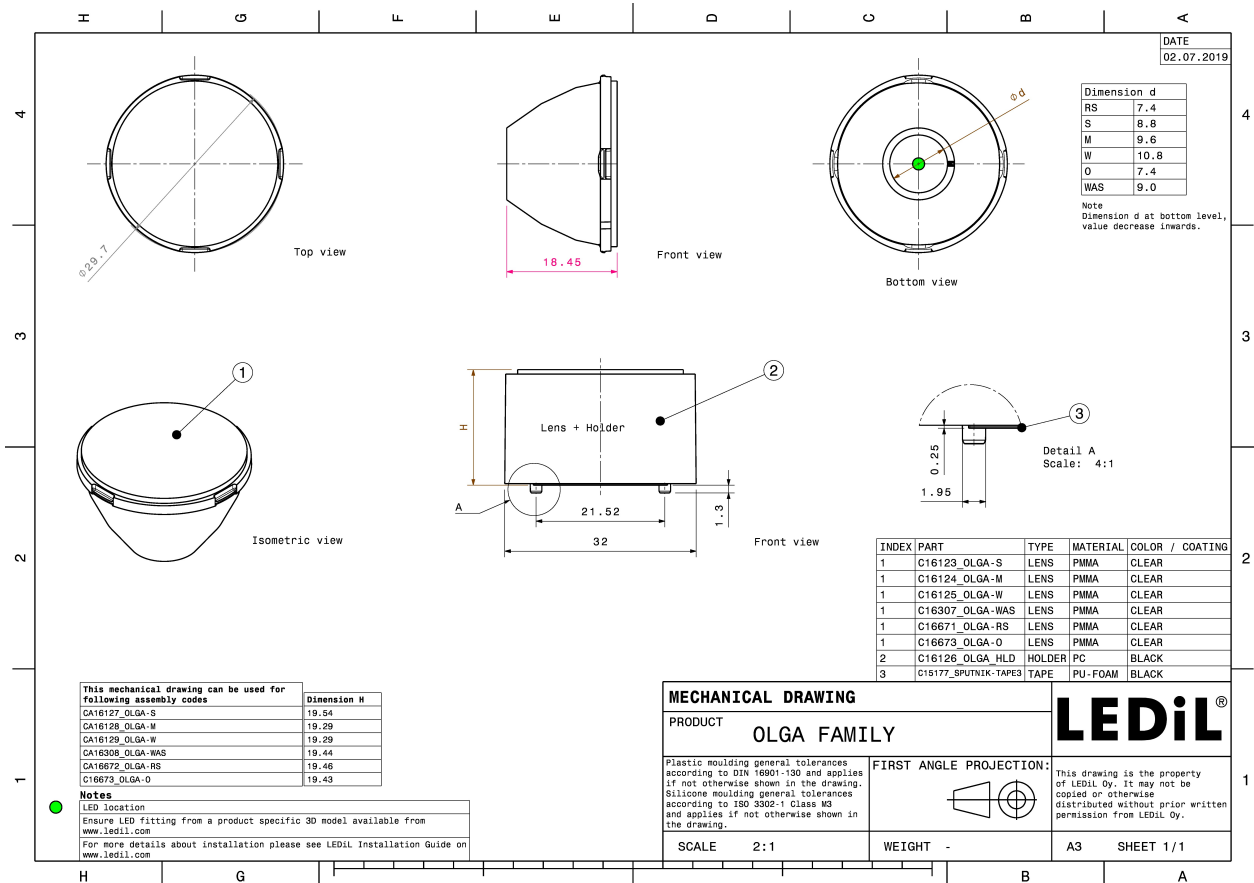
MATERIAL SPECIFICATIONS:

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



ORDERING INFORMATION:

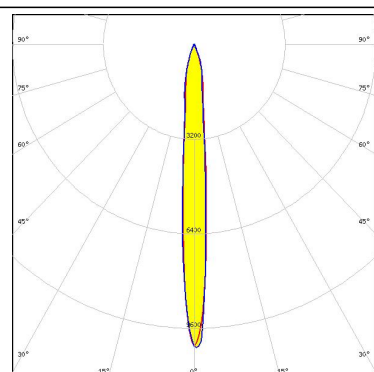
Component	Qty in box	MOQ	MPQ	Box weight (kg)
C16671_OLGA-RS » Box size: 476 x 273 x 292 mm	792	132	66	7.3



PHOTOMETRIC DATA (MEASURED):

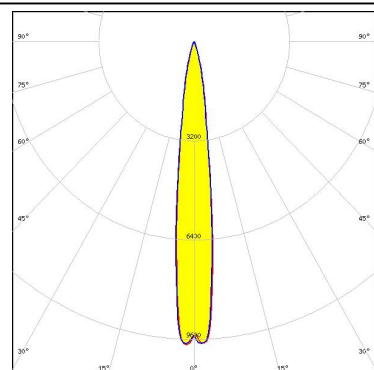
CITIZEN

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



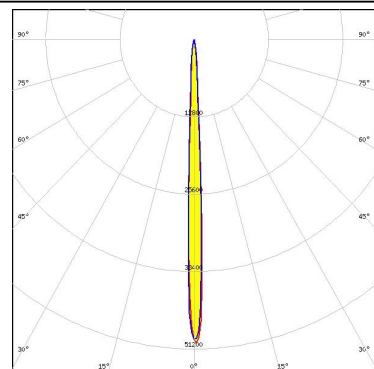
CREE

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



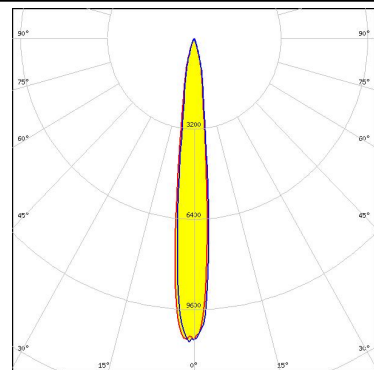
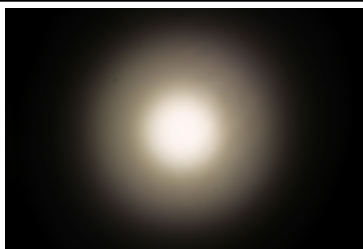
CREE

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



CREE

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

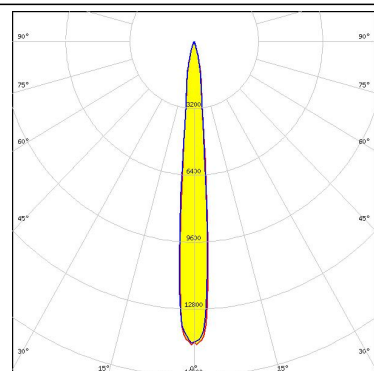


PHOTOMETRIC DATA (MEASURED):

OSRAM

Opto Semiconductors

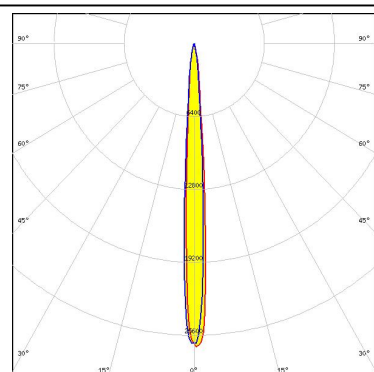
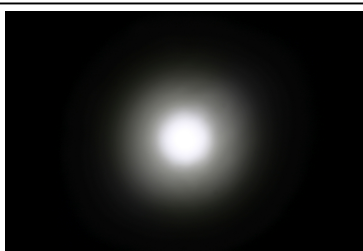
LED OSCONIQ P 3737 (3W version)
FWHM 10.0°
Efficiency 85 %
Peak intensity 14.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OSRAM

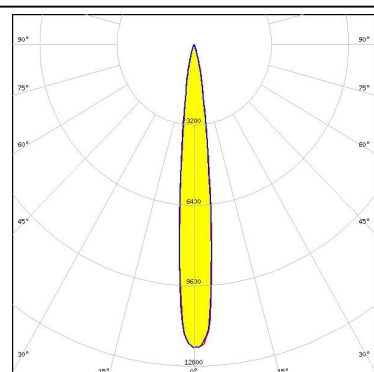
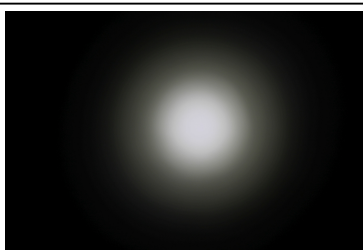
Opto Semiconductors

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



SAMSUNG

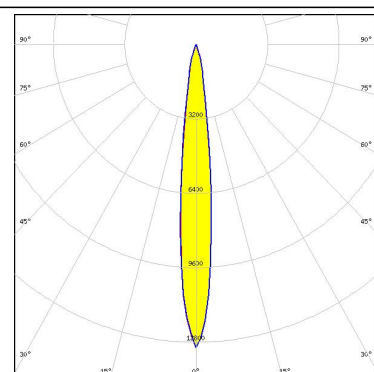
LED LH351D
FWHM 12.0°
Efficiency 86 %
Peak intensity 12.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (SIMULATED):

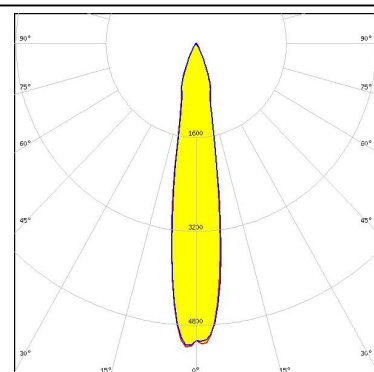
CITIZEN

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



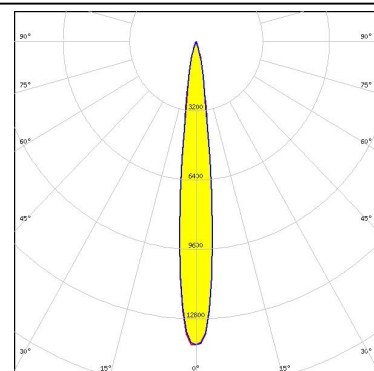
CREE

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



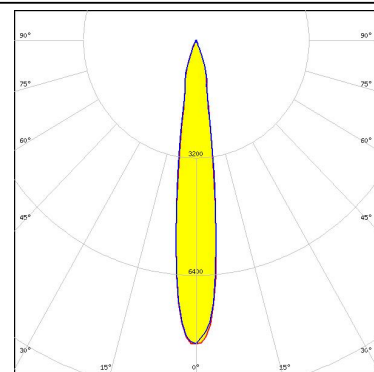
LUMINUS

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



LUMINUS

LED CXM-4
FWHM 14.0°
Efficiency 96 %
Peak intensity 8.3 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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