


OLGA-S

~11° spot beam with flange

TECHNICAL SPECIFICATIONS:

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

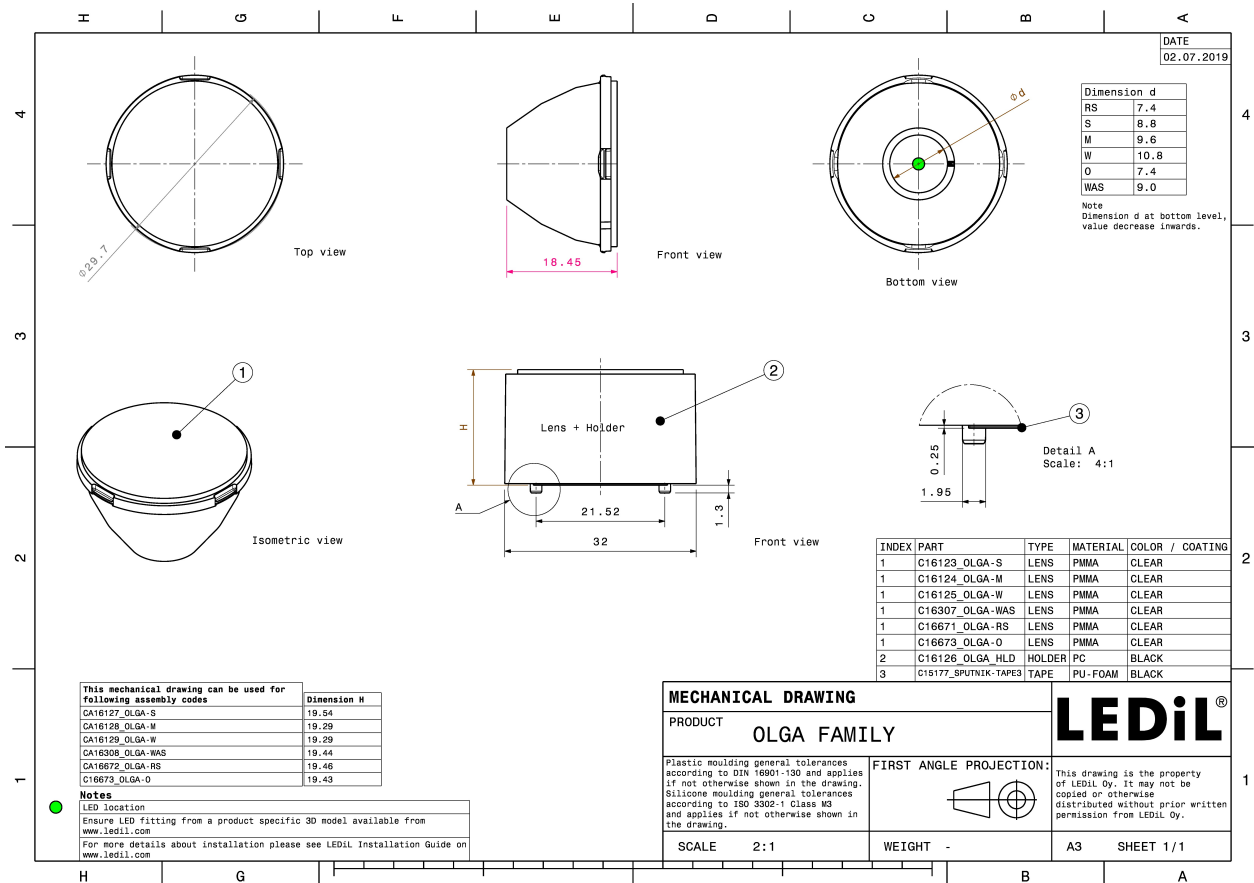
MATERIAL SPECIFICATIONS:

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



ORDERING INFORMATION:

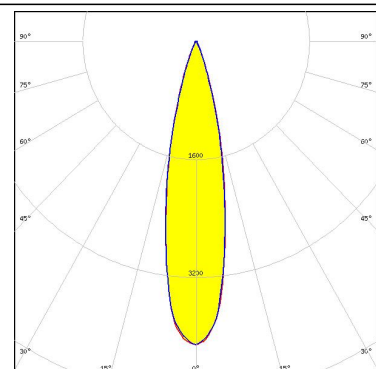
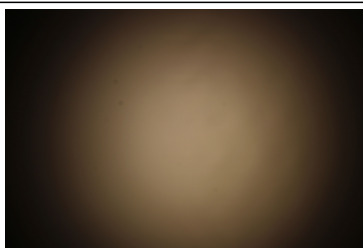
Component	Qty in box	MOQ	MPQ	Box weight (kg)
C16123_OLGA-S » Box size: 476 x 273 x 292 mm	792	132	66	7.3



PHOTOMETRIC DATA (MEASURED):

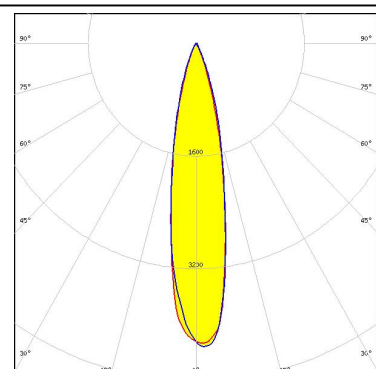
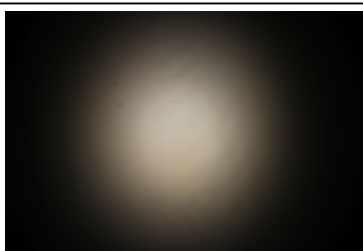


LED V4 HD
FWHM 23.0°
Efficiency 85 %
Peak intensity 4.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



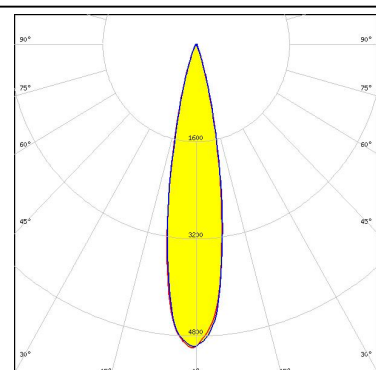
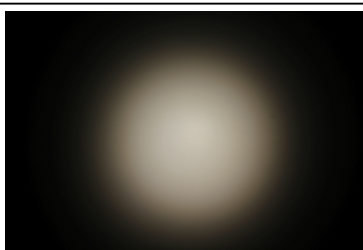
CITIZEN

LED CLU7A2 (LES 4.2mm)
FWHM 21.0°
Efficiency 87 %
Peak intensity 4.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:

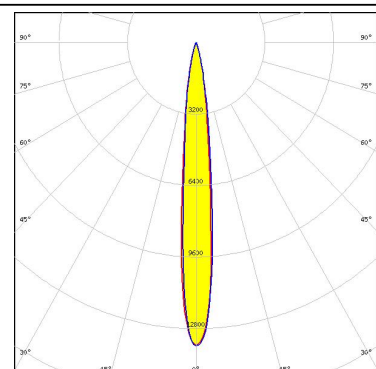
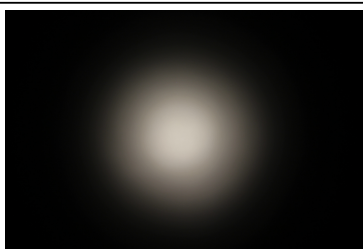


CITIZEN

LED CLU7B2
FWHM 21.0°
Efficiency 83 %
Peak intensity 5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



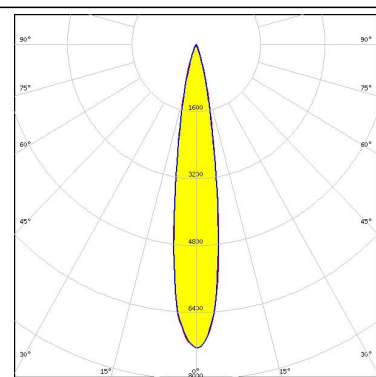
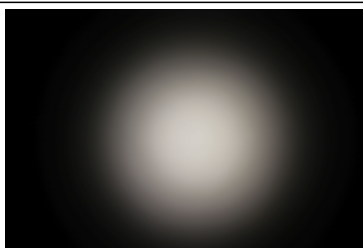
LED XP-E2
FWHM 11.0°
Efficiency 89 %
Peak intensity 13.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (MEASURED):

OSRAM
Opto Semiconductors

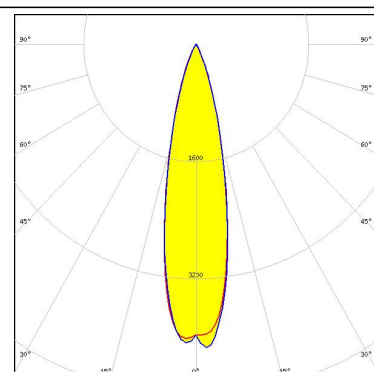
LED OSCONIQ P 3737 (3W version)
FWHM 17.0°
Efficiency 86 %
Peak intensity 7.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



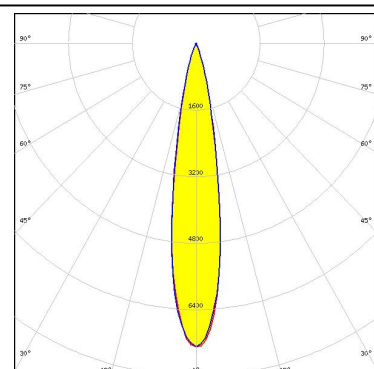
PHOTOMETRIC DATA (SIMULATED):



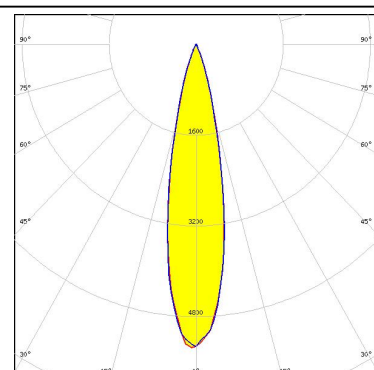
LED CXA/B 13xx
FWHM 24.0°
Efficiency 92 %
Peak intensity 4.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



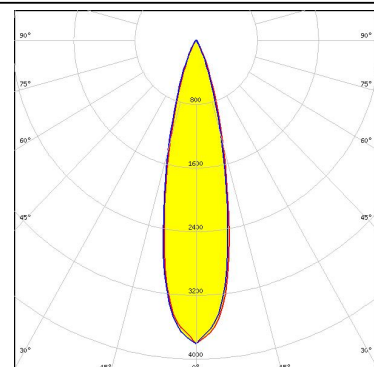
LED CXM-3
FWHM 18.0°
Efficiency 94 %
Peak intensity 7.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED CXM-4
FWHM 22.0°
Efficiency 93 %
Peak intensity 5.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED MJT COB LES 6
FWHM 24.0°
Efficiency 92 %
Peak intensity 3.8 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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