

OLGA-S

~11° spot beam assembly with flange

SPECIFICATION:

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

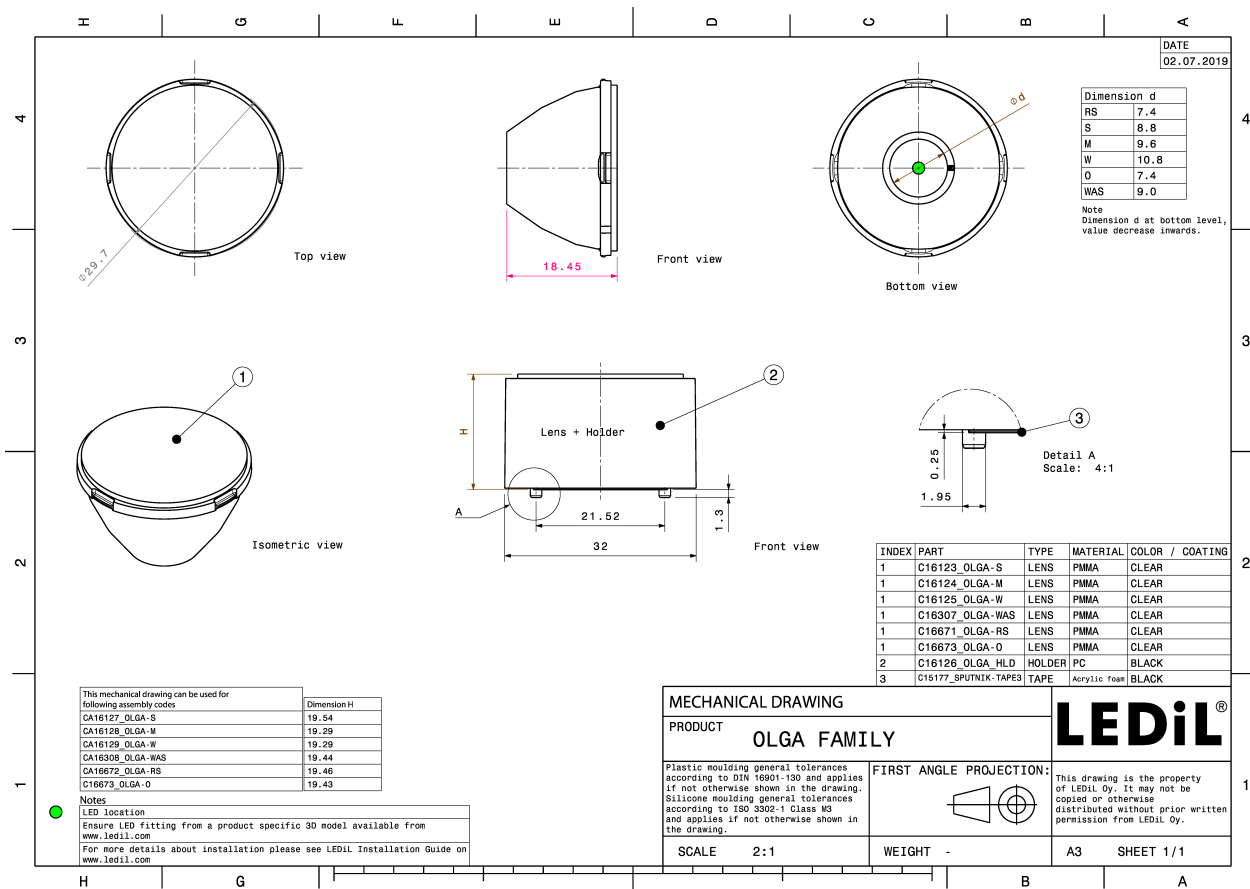
MATERIALS:

Component	Type	Material	Colour	Finish	Length (mm)
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

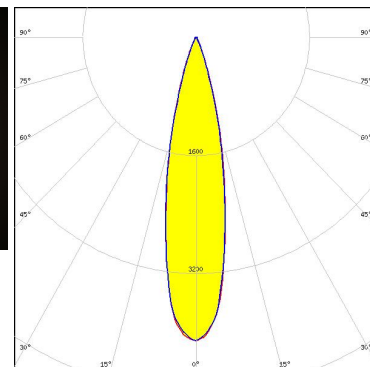
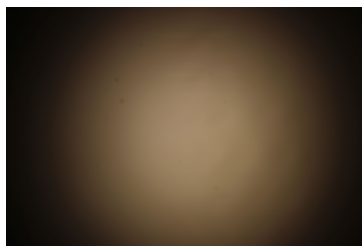


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):



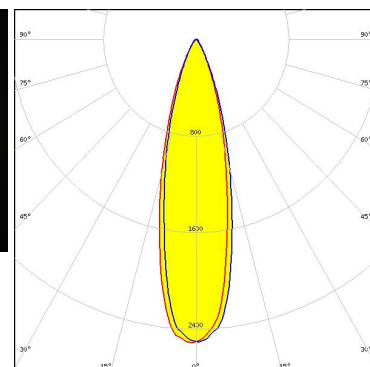
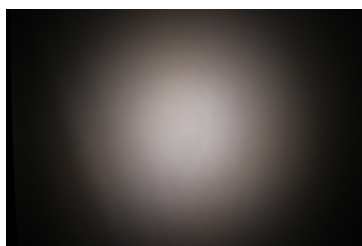
LED V4 HD Gen 7
FWHM / FWTM 23.0° / 42.0°
Efficiency 85 %
Peak intensity 4.1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



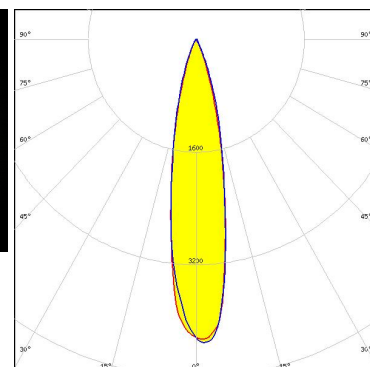
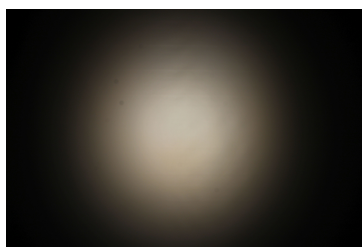
LED Vesta TW 6mm DP
FWHM / FWTM 27.0° / 54.0°
Efficiency 80 %
Peak intensity 2.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

CITIZEN

LED CLU7A2/7A3
FWHM / FWTM 21.0° / 43.0°
Efficiency 87 %
Peak intensity 4.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

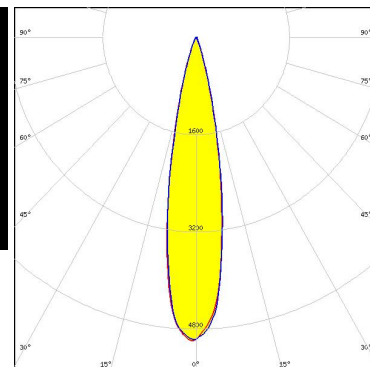
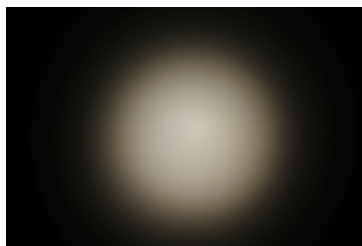


Light distribution files

OPTICAL RESULTS (MEASURED):

CITIZEN

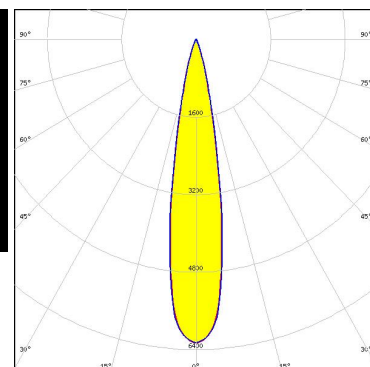
LED CLU7B2
FWHM / FWTM 21.0° / 37.0°
Efficiency 83 %
Peak intensity 5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

CITIZEN

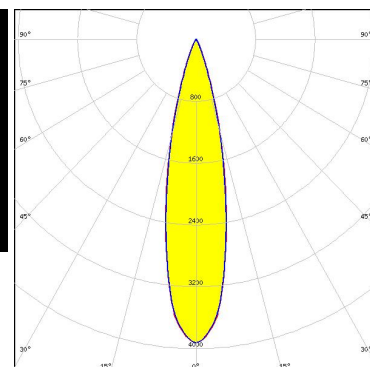
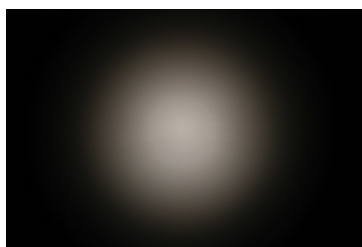
LED CLU7L3
FWHM / FWTM 19.0° / 35.0°
Efficiency 85 %
Peak intensity 6.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

CITIZEN

LED CLU7R3
FWHM / FWTM 23.0° / 42.0°
Efficiency 80 %
Peak intensity 3.9 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

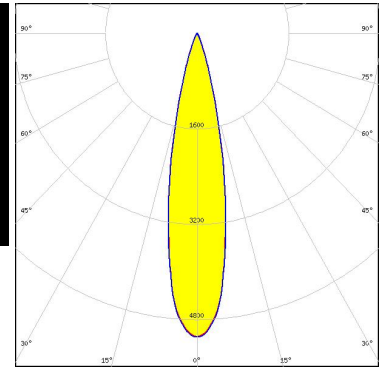


Light distribution files

OPTICAL RESULTS (MEASURED):

CITIZEN

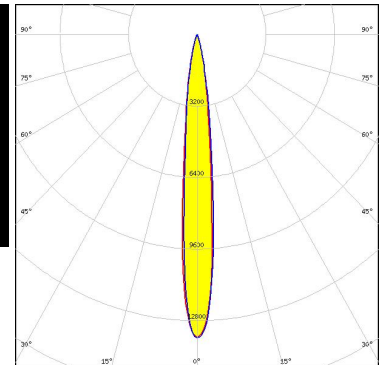
LED CLU7S3
FWHM / FWTM 22.0° / 39.0°
Efficiency 88 %
Peak intensity 5.1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

CREE LEDs

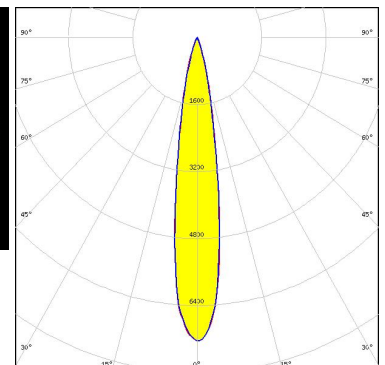
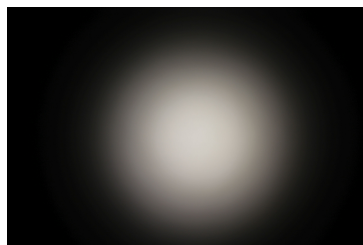
LED XP-E2
FWHM / FWTM 11.0° / 26.0°
Efficiency 89 %
Peak intensity 13.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

OSRAM

LED OSCONIQ P 3737 (3W version)
FWHM / FWTM 17.0° / 33.0°
Efficiency 86 %
Peak intensity 7.2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

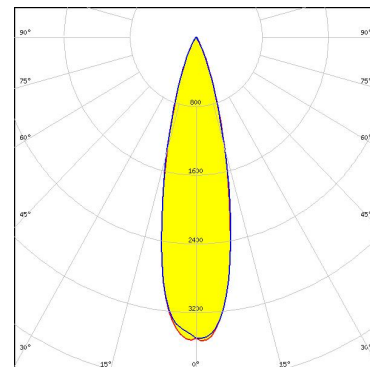


Light distribution files

OPTICAL RESULTS (SIMULATED):



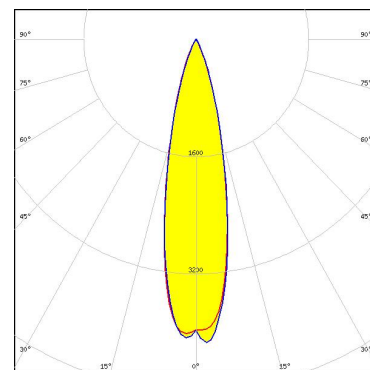
LED V6 HD Gen 7
FWHM / FWTM 26.0° / 48.0°
Efficiency 89 %
Peak intensity 3.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



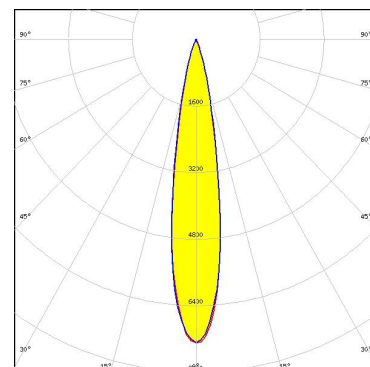
LED CXA/B 13xx
FWHM / FWTM 24.0° / 46.0°
Efficiency 92 %
Peak intensity 4.2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED CXM-3
FWHM / FWTM 18.0° / 34.0°
Efficiency 94 %
Peak intensity 7.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

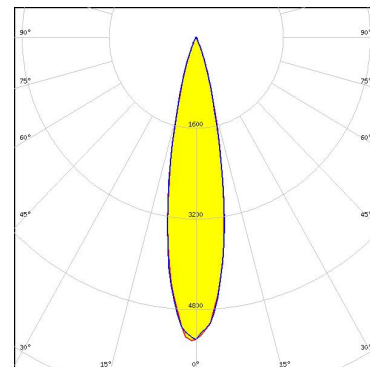


Light distribution files

OPTICAL RESULTS (SIMULATED):



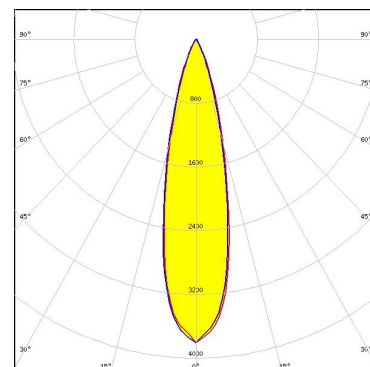
LED CXM-4
FWHM / FWTM 22.0° / 40.0°
Efficiency 93 %
Peak intensity 5.4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



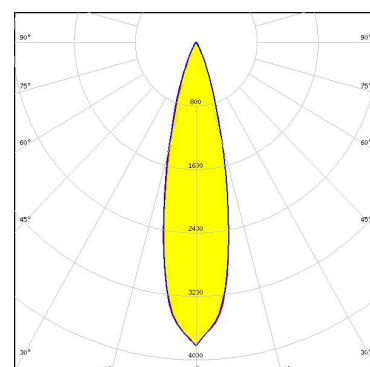
LED MJT COB LES 6
FWHM / FWTM 24.0° / 47.0°
Efficiency 92 %
Peak intensity 3.8 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

XICATO

LED XOB 6 mm
FWHM / FWTM 24.0° / 47.0°
Efficiency 90 %
Peak intensity 3.8 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

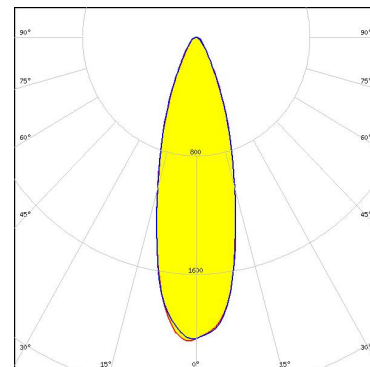


Light distribution files

OPTICAL RESULTS (SIMULATED):

XICATO

LED	XOB 9.8 mm
FWHM / FWTM	30.0° / 64.0°
Efficiency	90 %
Peak intensity	2.1 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.

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