

OLGA-RS

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

SPECIFICATION:

Dimensions	Ø 29.7 mm
Height	18.4 mm
ROHS compliant	yes ⓘ

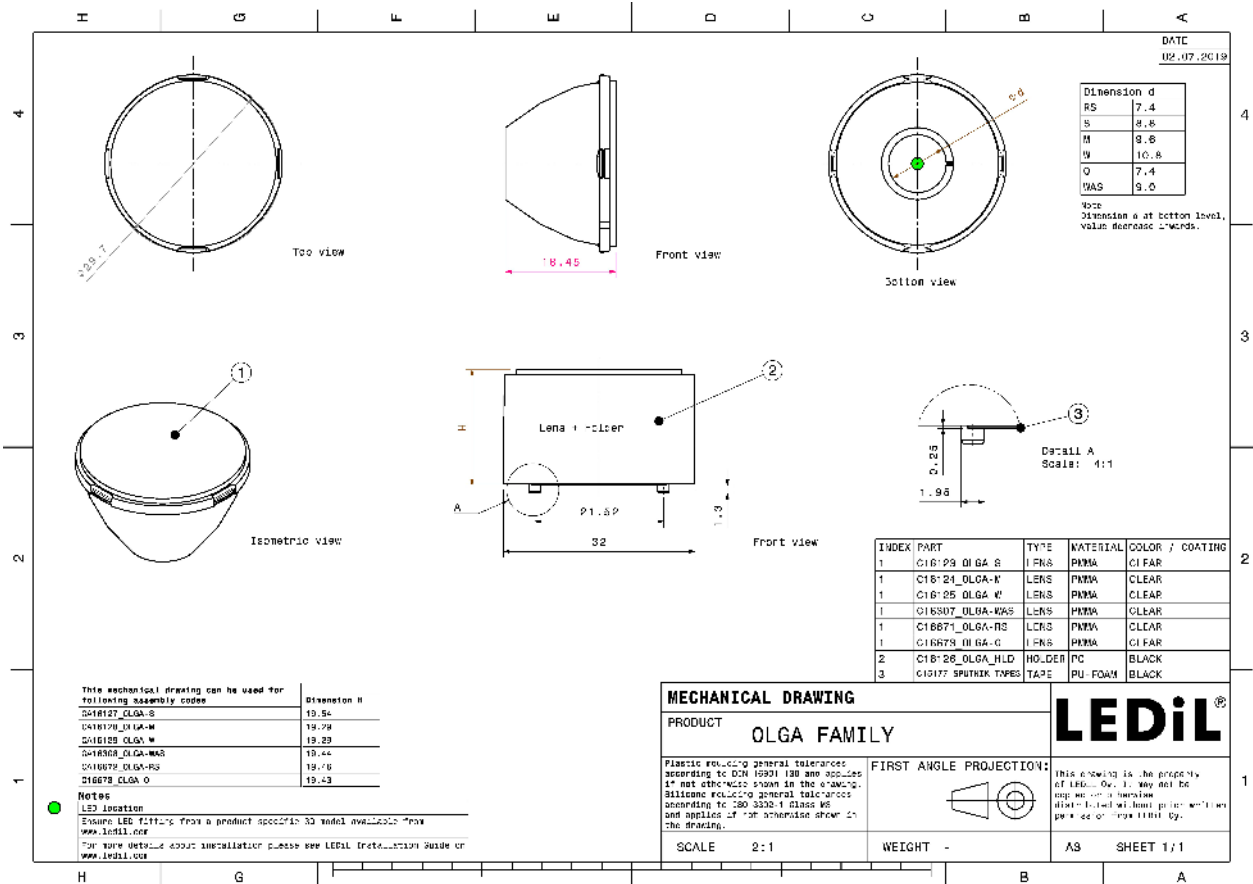
MATERIALS:

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

ORDERING INFORMATION:



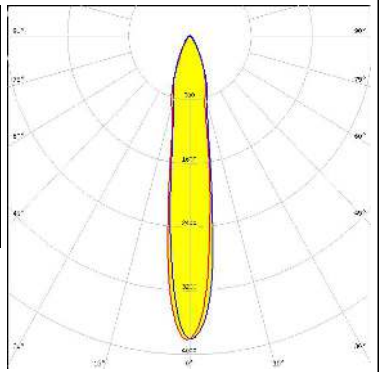

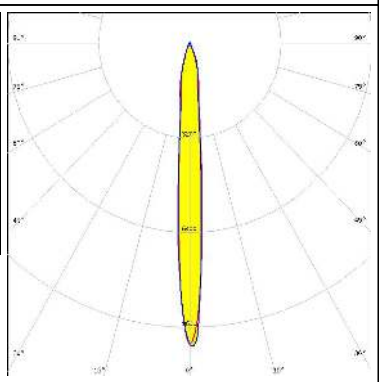

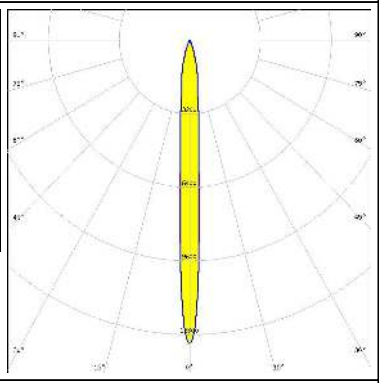

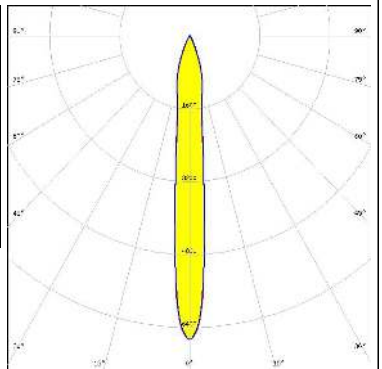
Component	Qty in box	MOQ	MPQ	Box weight (kg)
C16671_OLGA-RS » Box size: 476 x 273 x 292 mm	792	132	66	7.3





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

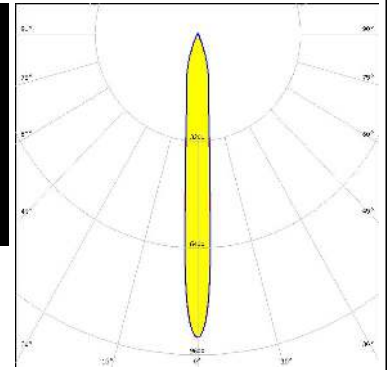
OPTICAL RESULTS (MEASURED):

<p></p> <p>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 White Required components:</p>		
<p>CITIZEN</p> <p>LED CLU7B2 FWHM / FWTM 9.0° / 31.0° Efficiency 84 % Peak intensity 10.3 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>CITIZEN</p> <p>LED CLU7L3 FWHM / FWTM 7.0° / 29.0° Efficiency 89 % Peak intensity 13.3 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>CITIZEN</p> <p>LED CLU7R3 FWHM / FWTM 12.0° / 41.0° Efficiency 87 % Peak intensity 6.7 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		

OPTICAL RESULTS (MEASURED):

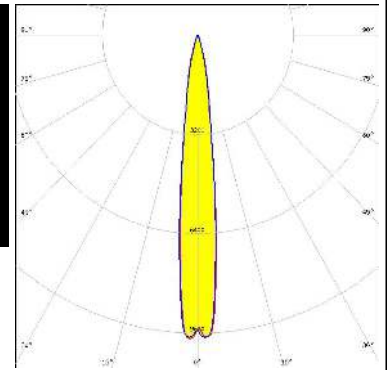
CITIZEN

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



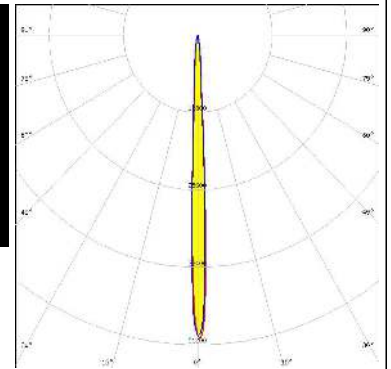
CREE LED

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



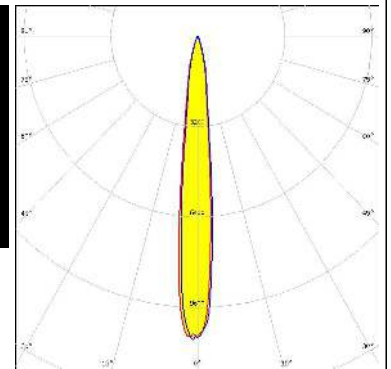
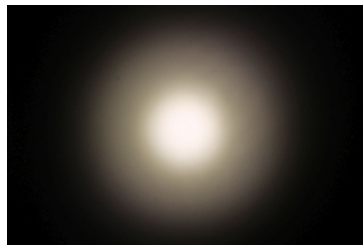
CREE LED

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


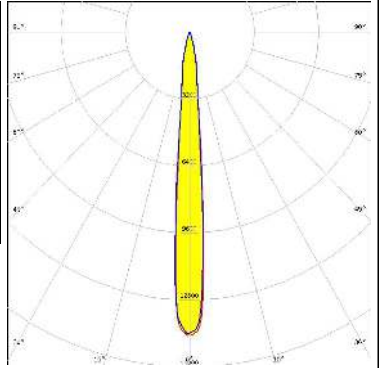

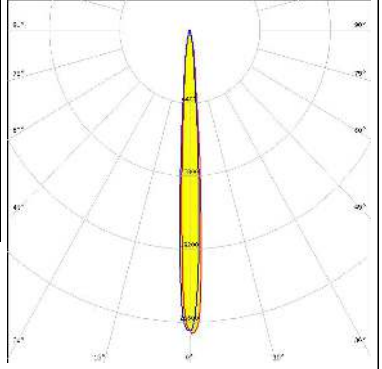

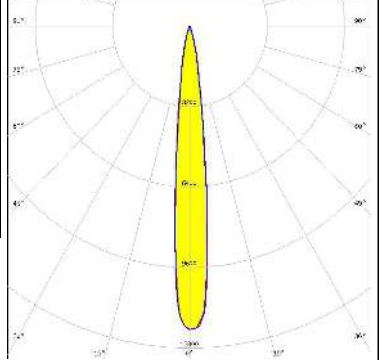


CREE LED

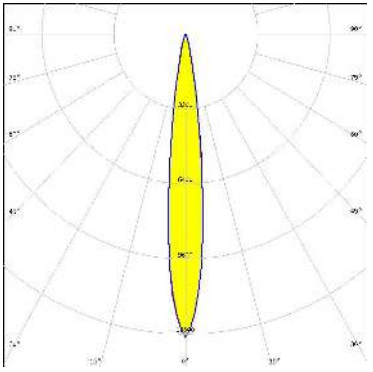

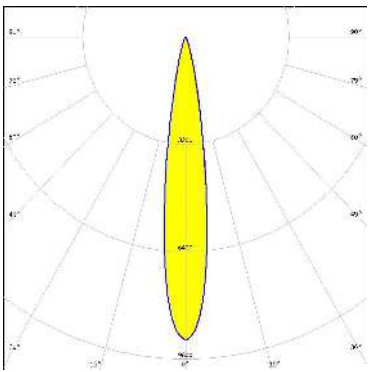
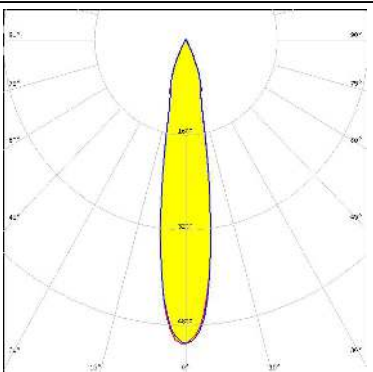
LED XP-L2
 FWHM / FWTM 12.0° / 29.0°
 Efficiency 83 %
 Peak intensity 10.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OPTICAL RESULTS (MEASURED):

<p>OSRAM Opto Semiconductors</p> <p>LED OSCONIQ P 3737 (3W version)</p> <p>FWHM / FWTM 10.0° / 25.0°</p> <p>Efficiency 85 %</p> <p>Peak intensity 14.5 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p>OSRAM Opto Semiconductors</p> <p>LED OSLON Square CSSRM2/CSSRM3</p> <p>FWHM / FWTM 7.0° / 17.0°</p> <p>Efficiency 86 %</p> <p>Peak intensity 26.6 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p>SAMSUNG</p> <p>LED LH351D</p> <p>FWHM / FWTM 12.0° / 26.0°</p> <p>Efficiency 86 %</p> <p>Peak intensity 12.1 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		

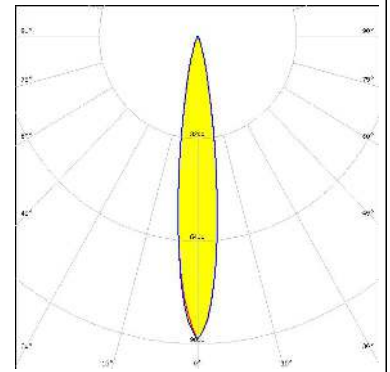
OPTICAL RESULTS (SIMULATED):

<p></p> <p>LED V3 HD Gen 8 FWHM / FWTM 14.0° / 26.0° Efficiency 96 % Peak intensity 13 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p></p> <p>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 White Required components:</p>	
<p></p> <p>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 White Required components:</p>	
<p>CITIZEN</p> <p>LED CLU7A2/7A3 FWHM / FWTM 12.0° / 27.0° Efficiency 91 % Peak intensity 13 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	

OPTICAL RESULTS (SIMULATED):

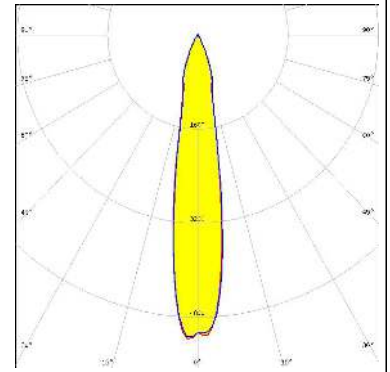
CREE LED

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



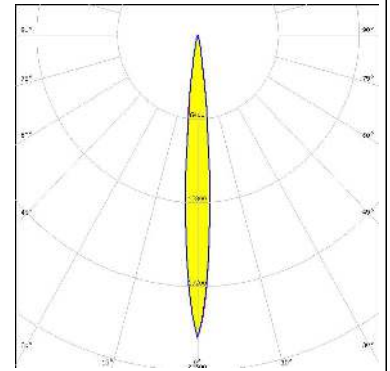
CREE LED

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



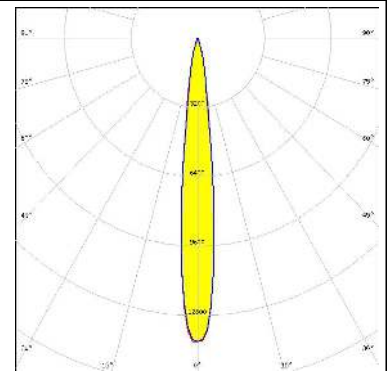
CREE LED

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


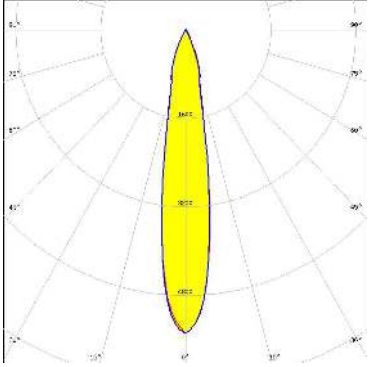


LUMINUS

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



OPTICAL RESULTS (SIMULATED):

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

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