

OLGA-RS

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

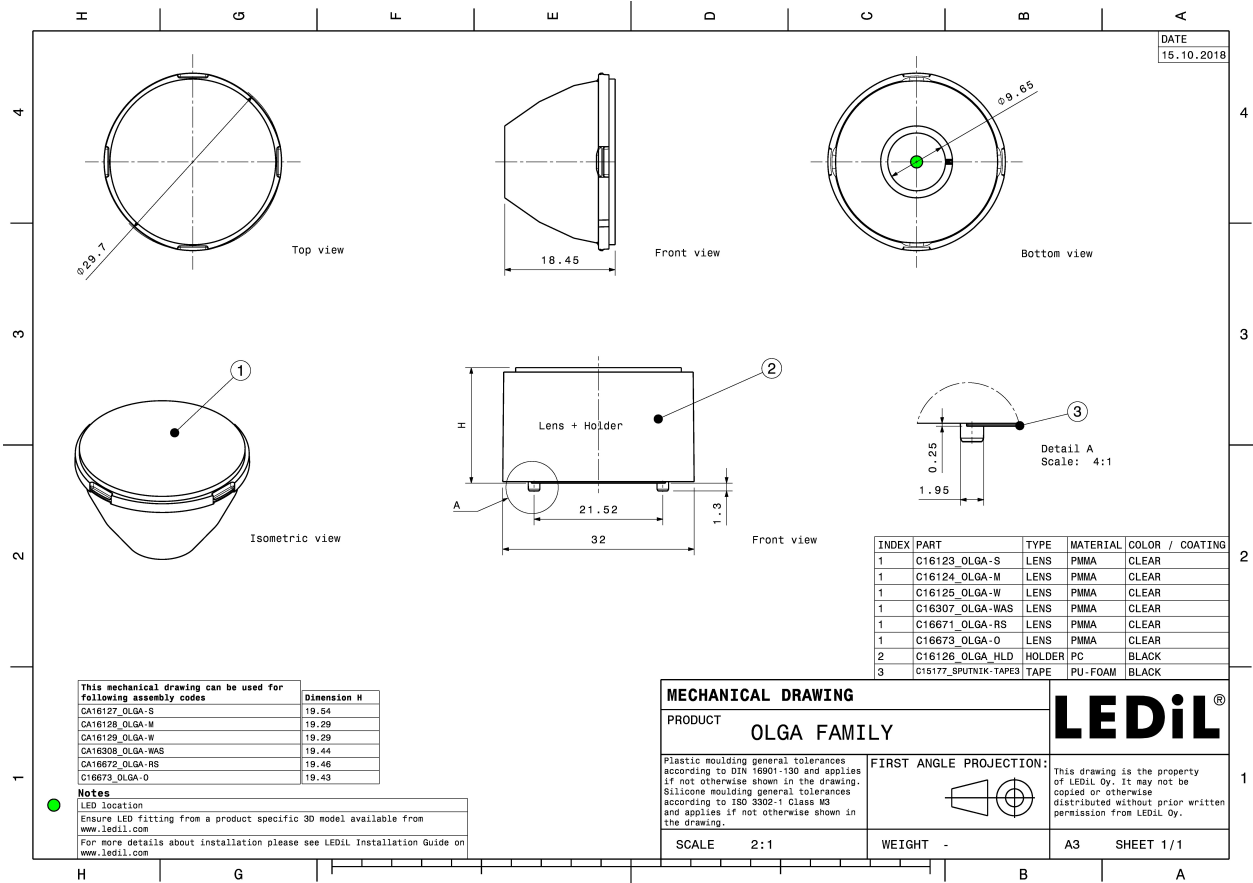
TECHNICAL SPECIFICATIONS:

Dimensions	Ø 29.7 mm
Height	18.4 mm
Fastening	
Colour	clear
Box size	476 x 273 x 292 mm
Box weight	7.3 kg
Quantity in Box	792 pcs
ROHS compliant	yes ⓘ



MATERIAL SPECIFICATIONS:

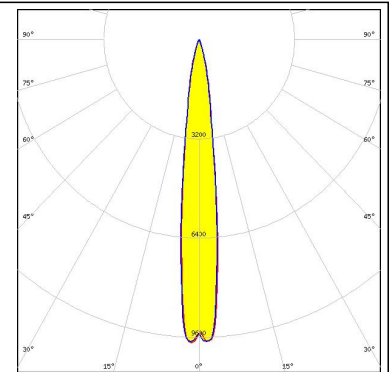
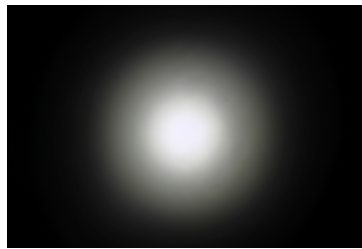
Component	Type	Material	Colour
OLGA-RS	Single lens	PMMA	clear



PHOTOMETRIC DATA (MEASURED):

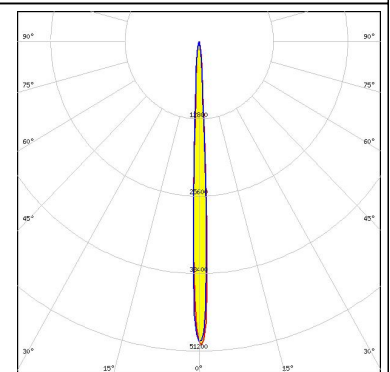
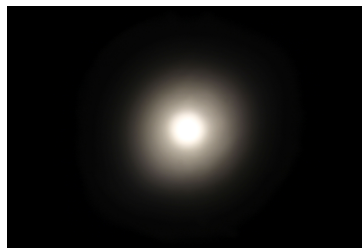
CREE 

LED XHP35 HD
 FWHM 13.0°
 Efficiency 84 %
 Peak intensity 9.800 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



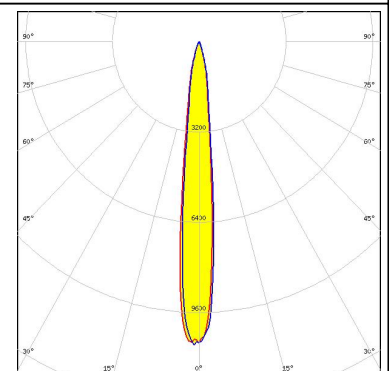
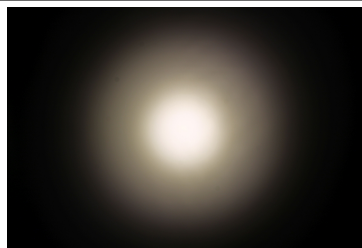
CREE 

LED XP-E2
 FWHM 5.0°
 Efficiency 86 %
 Peak intensity 50.500 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



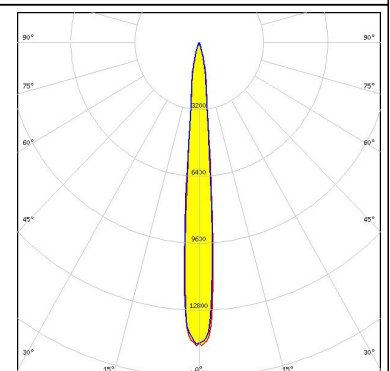
CREE 

LED XP-L2
 FWHM 12.0°
 Efficiency 83 %
 Peak intensity 10.700 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OSRAM
Opto Semiconductors

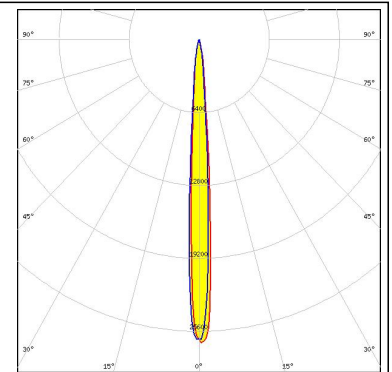
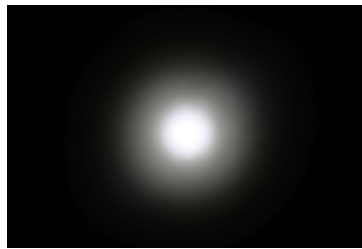
LED OSCONIQ P 3737 (3W version)
 FWHM 10.0°
 Efficiency 85 %
 Peak intensity 14.500 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (MEASURED):

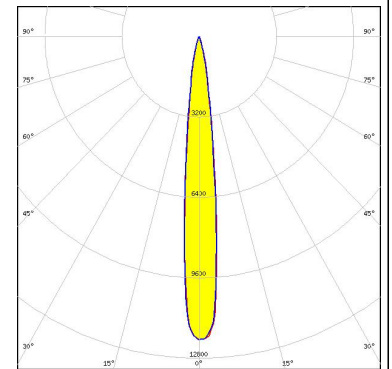
OSRAM Opto Semiconductors

LED OSLON Square CSSRM2/CSSRM3
FWHM 7.0°
Efficiency 86 %
Peak intensity 26.600 cd/lm
LEDs/each optic 1
Light colour White
Required components:



SAMSUNG

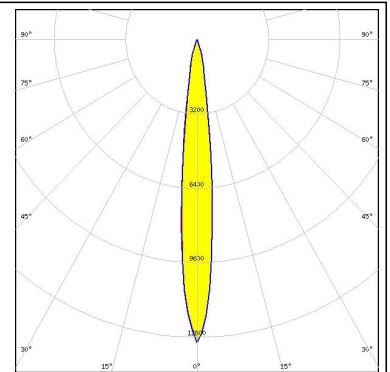
LED LH351D
FWHM 12.0°
Efficiency 86 %
Peak intensity 12.100 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (SIMULATED):

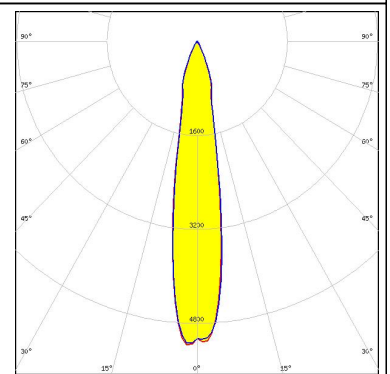
CITIZEN

LED CLU7A2 (LES 4.2mm)
FWHM 12.0°
Efficiency 91 %
Peak intensity 13.000 cd/lm
LEDs/each optic 1
Light colour White
Required components:



CREE

LED CXA/B 13xx
FWHM 18.0°
Efficiency 89 %
Peak intensity 4.900 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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LEDiL Oy

Joensuunkatu 13
FI-24240 SALO
Finland

LEDiL Inc.

228 West Page Street
Suite D
Sycamore IL 60178
USA

Local sales and technical support

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

Shipping locations

Salo, Finland
Hong Kong, China

Distribution Partners

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