

OLGA-RS

~9° spot beam beam. Optimized for high-power 3535 size LED packages. Assembly with holder and installation tape.

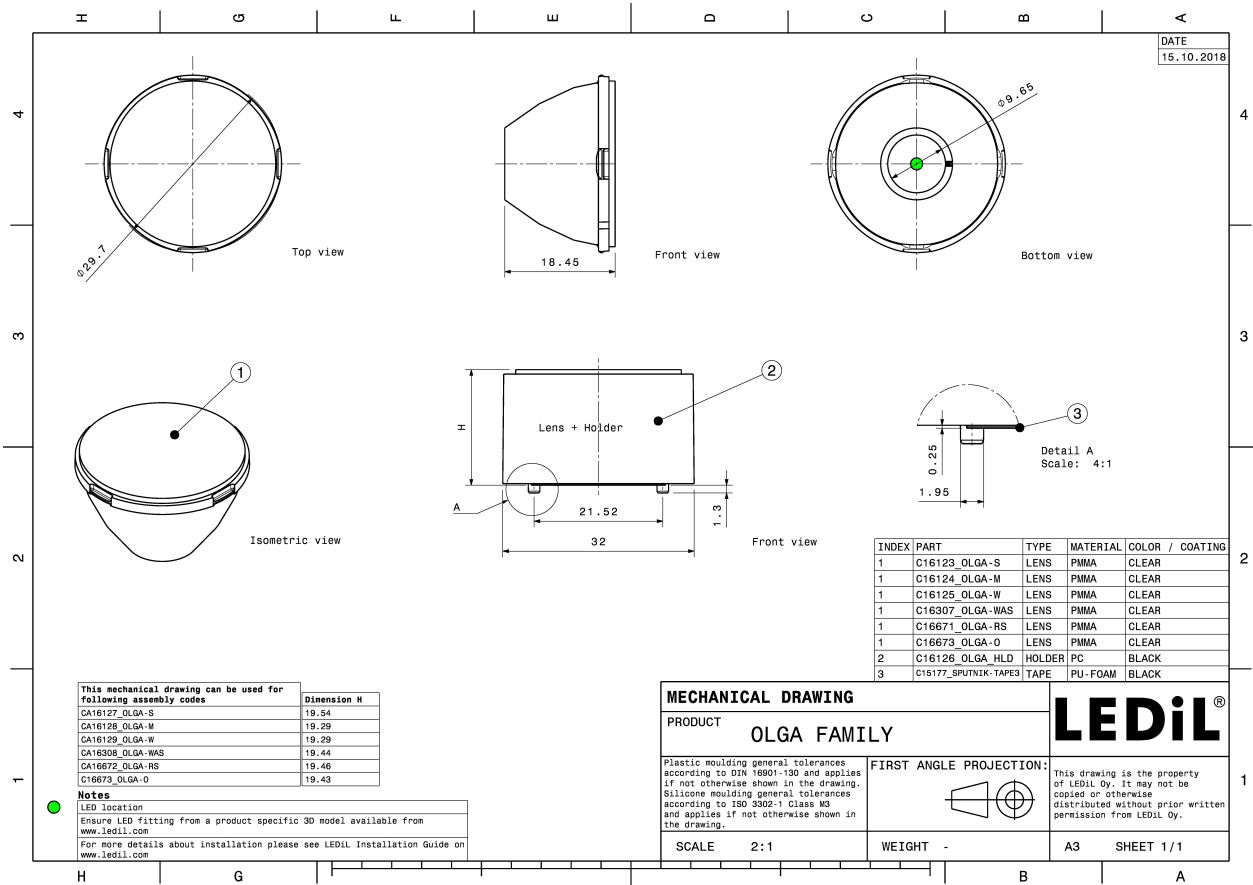
TECHNICAL SPECIFICATIONS:

Dimensions	Ø 32.0 mm
Height	19.1 mm
Fastening	tape, pin
Colour	black
Box size	476 x 273 x 292 mm
Box weight	9.8 kg
Quantity in Box	792 pcs
ROHS compliant	yes ⓘ



MATERIAL SPECIFICATIONS:

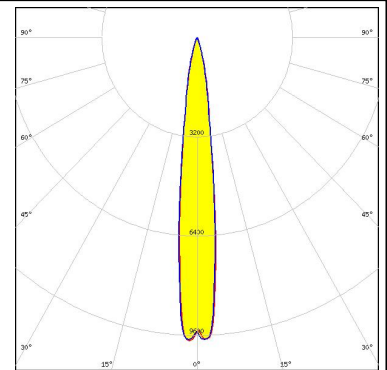
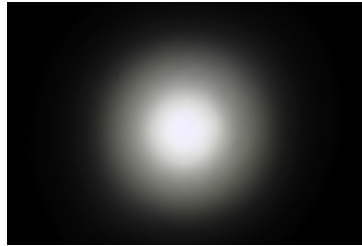
Component	Type	Material	Colour
OLGA-RS	Single lens	PMMA	clear
OLGA-HLD	Holder	PC	black
SPUTNIK-TAPE3	Tape	PU tape	black



PHOTOMETRIC DATA (MEASURED):

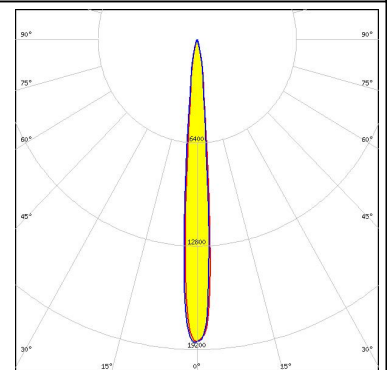
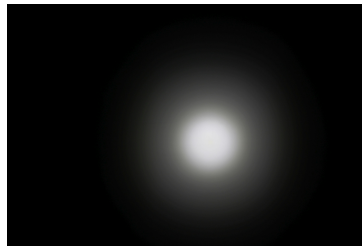
CREE 

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



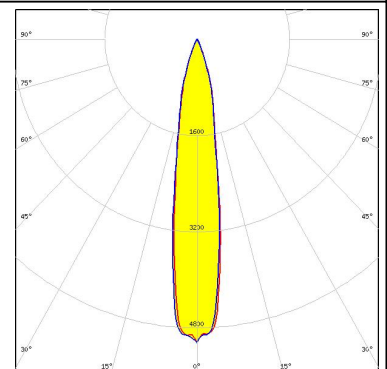
CREE 

LED XHP35 HI
 FWHM 9.0°
 Efficiency 87 %
 Peak intensity 18.800 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



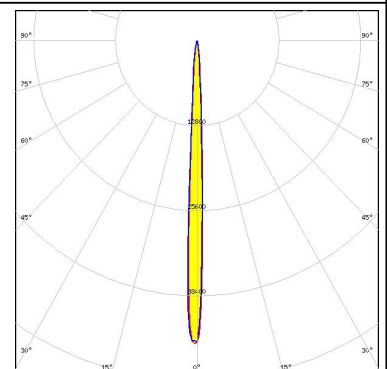
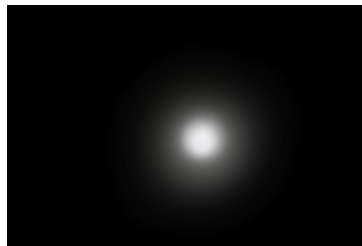
CREE 

LED XHP50.2
 FWHM 17.0°
 Efficiency 78 %
 Peak intensity 5.100 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



CREE 

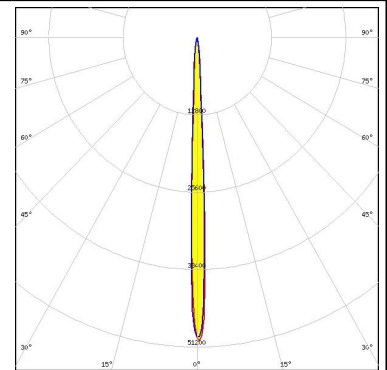
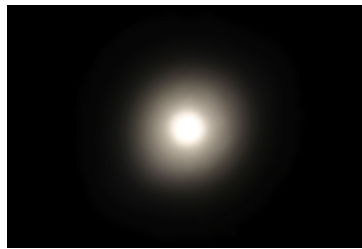
LED XP-E
 FWHM 5.0°
 Efficiency 87 %
 Peak intensity 45.600 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



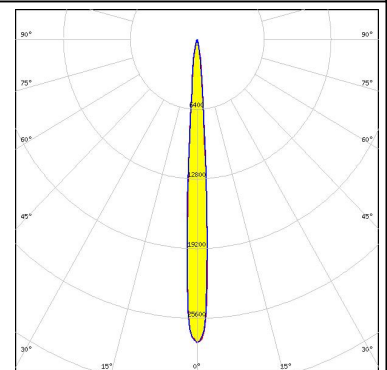
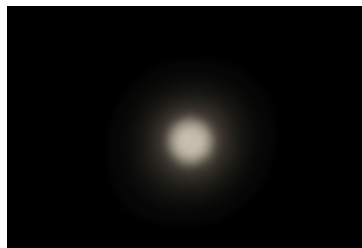
PHOTOMETRIC DATA (MEASURED):



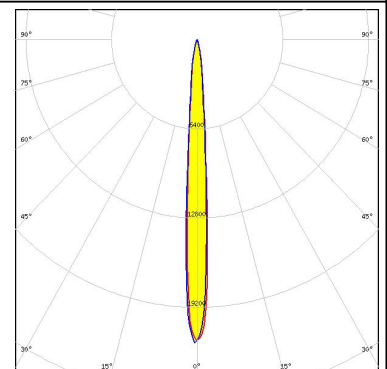
LED XP-E2
 FWHM 4.9°
 Efficiency 86 %
 Peak intensity 50.200 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



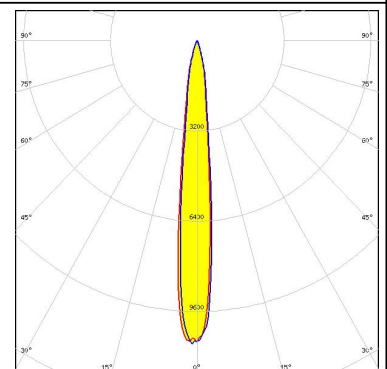
LED XP-G2
 FWHM 7.0°
 Efficiency 86 %
 Peak intensity 28.000 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED XP-G3
 FWHM 8.0°
 Efficiency 85 %
 Peak intensity 21.800 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



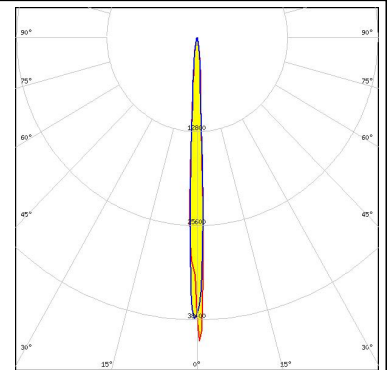
LED XP-L2
 FWHM 12.0°
 Efficiency 83 %
 Peak intensity 10.700 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



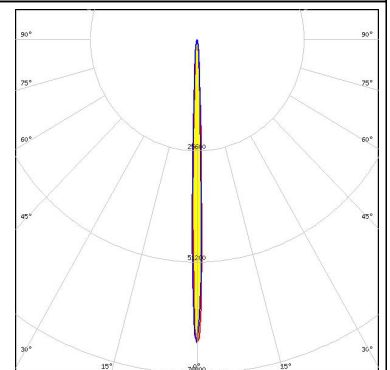
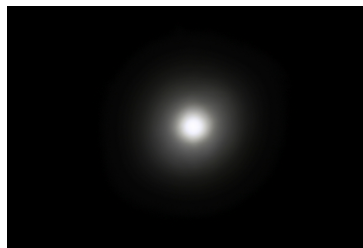
PHOTOMETRIC DATA (MEASURED):



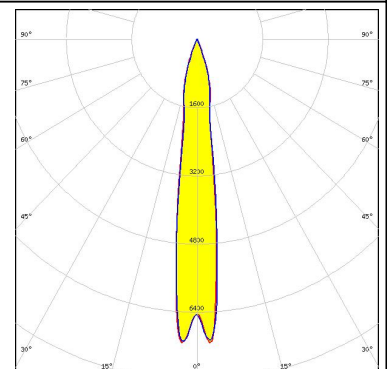
LED XQ-E HD
 FWHM 5.0°
 Efficiency 79 %
 Peak intensity 42.000 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



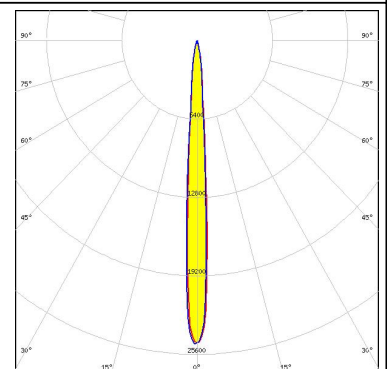
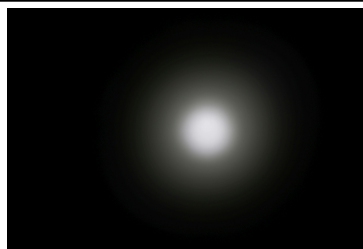
LED XQ-E HI
 FWHM 3.0°
 Efficiency 84 %
 Peak intensity 70.000 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED LUXEON 5050
 FWHM 14.0°
 Efficiency 86 %
 Peak intensity 7.100 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



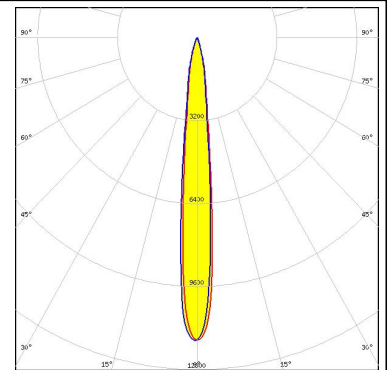
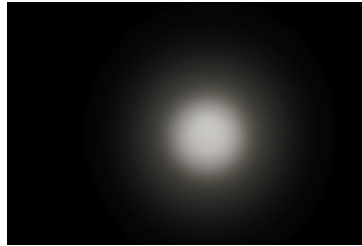
LED LUXEON TX
 FWHM 7.0°
 Efficiency 86 %
 Peak intensity 24.800 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (MEASURED):

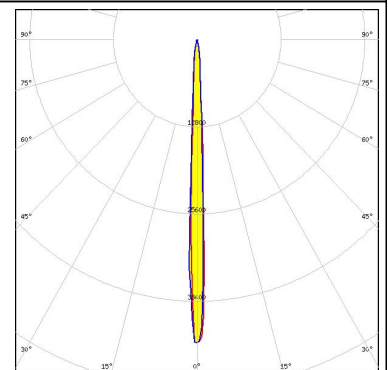
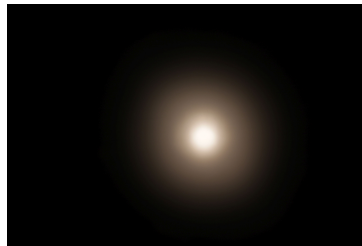
LUMILEDS

LED LUXEON V
 FWHM 11.0°
 Efficiency 84 %
 Peak intensity 11.700 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



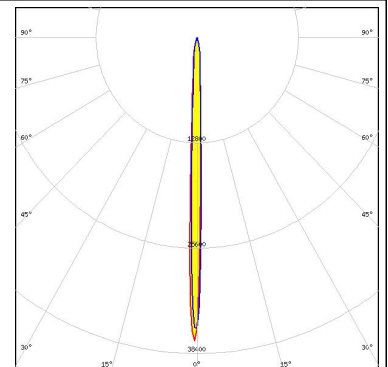
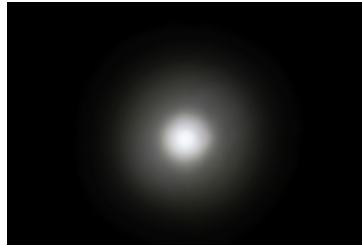
LUMILEDS

LED LUXEON Z ES
 FWHM 5.0°
 Efficiency 87 %
 Peak intensity 44.500 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



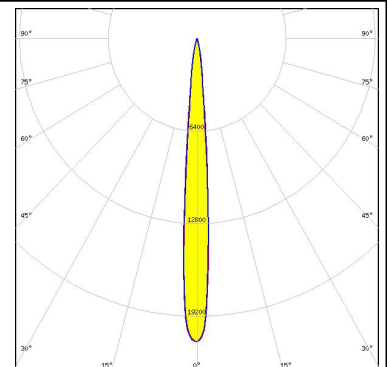
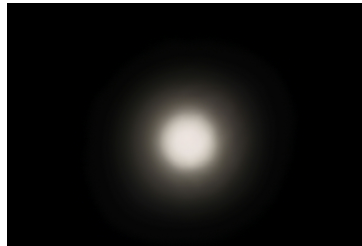
NICHIA

LED NCSxE17A
 FWHM 4.0°
 Efficiency 83 %
 Peak intensity 37.100 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

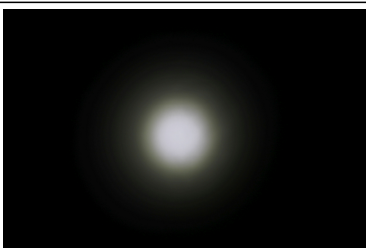
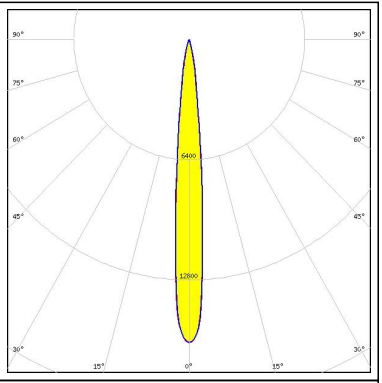

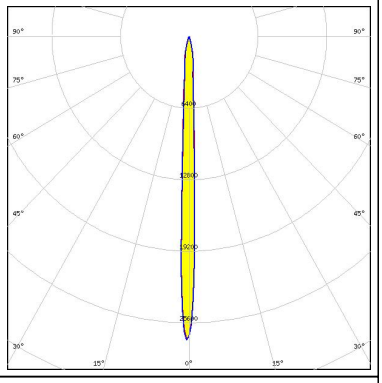
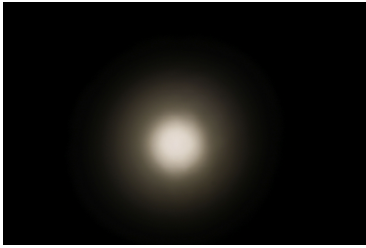
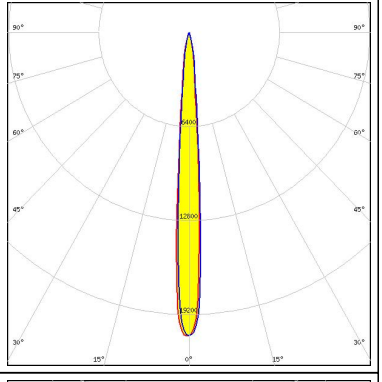

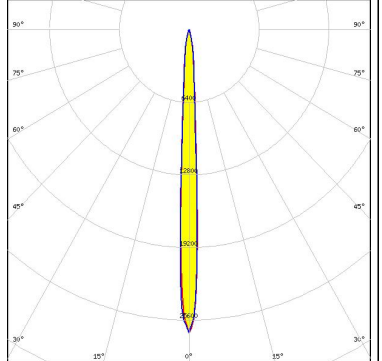


NICHIA

LED NVSW219D
 FWHM 9.0°
 Efficiency 87 %
 Peak intensity 21.000 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (MEASURED):

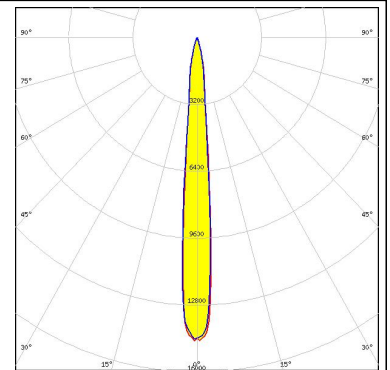
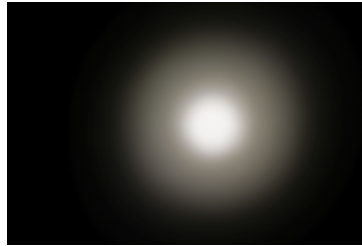
<p>NICHIA</p> <p>LED NVSW319B FWHM 10.0° Efficiency 87 % Peak intensity 16.100 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>NICHIA</p> <p>LED NVSxE21A FWHM 5.0° Efficiency 84 % Peak intensity 27.400 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>NICHIA</p> <p>LED NVSxx19B/NVSxx19C FWHM 8.0° Efficiency 85 % Peak intensity 20.700 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>OSRAM <small>Opto Semiconductors</small></p> <p>LED OSCONIQ P 3737 (2W version) FWHM 6.0° Efficiency 86 % Peak intensity 26.700 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		

PHOTOMETRIC DATA (MEASURED):

OSRAM

Opto Semiconductors

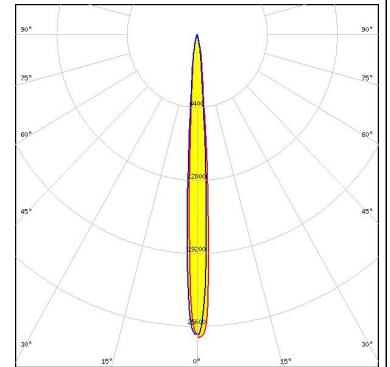
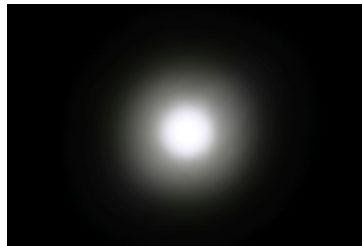
LED OSCONIQ P 3737 (3W version)
 FWHM 10.0°
 Efficiency 85 %
 Peak intensity 14.500 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OSRAM

Opto Semiconductors

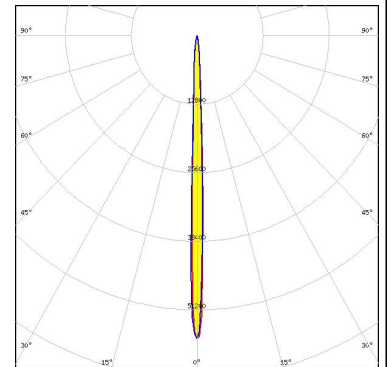
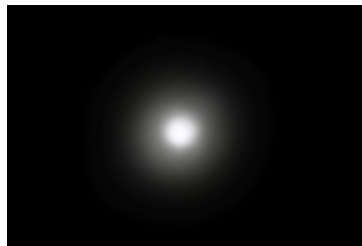
LED OSLOM Square CSSRM2/CSSRM3
 FWHM 7.0°
 Efficiency 86 %
 Peak intensity 26.600 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OSRAM

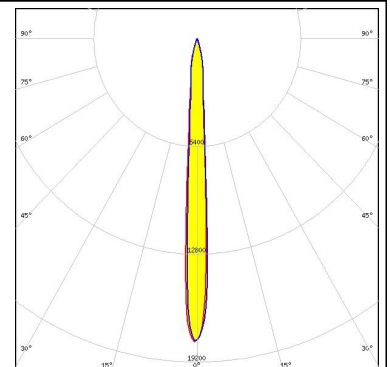
Opto Semiconductors

LED OSLOM SSL 150
 FWHM 4.0°
 Efficiency 87 %
 Peak intensity 57.000 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



SAMSUNG

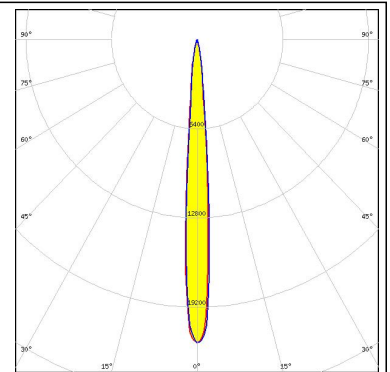
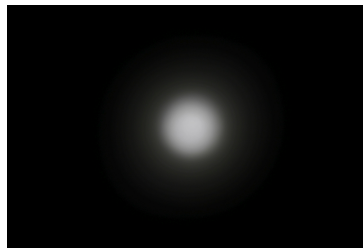
LED LH231B
 FWHM 7.0°
 Efficiency 86 %
 Peak intensity 18.000 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (MEASURED):

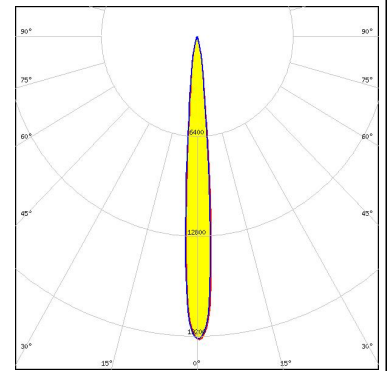
SAMSUNG

LED LH351B
 FWHM 8.0°
 Efficiency 86 %
 Peak intensity 21.800 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



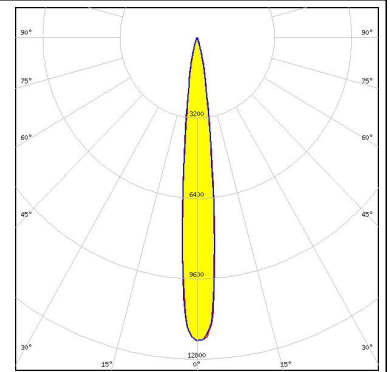
SAMSUNG

LED LH351C
 FWHM 9.0°
 Efficiency 87 %
 Peak intensity 19.500 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



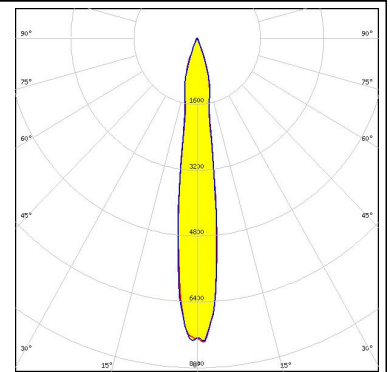
SAMSUNG

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

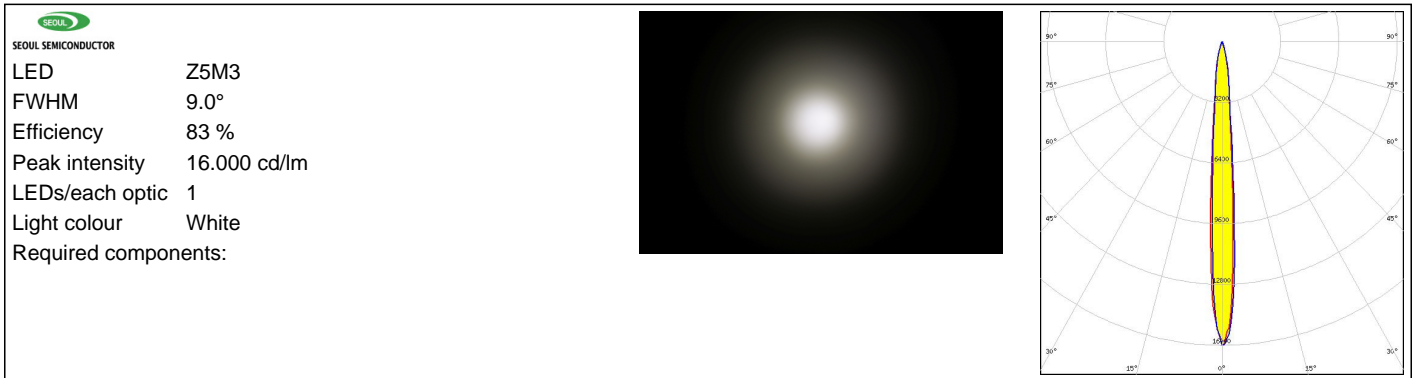


SAMSUNG

LED LH508A
 FWHM 14.0°
 Efficiency 86 %
 Peak intensity 7.400 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



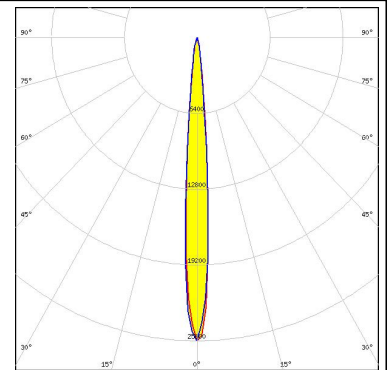
PHOTOMETRIC DATA (MEASURED):



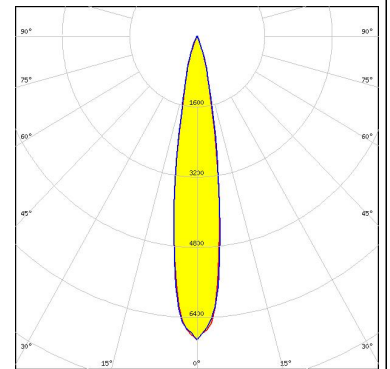
PHOTOMETRIC DATA (SIMULATED):



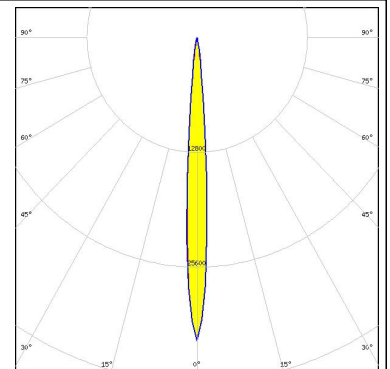
LED XHP35 HI
FWHM 9.0°
Efficiency 92 %
Peak intensity 25.000 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED XHP50.2
FWHM 18.0°
Efficiency 88 %
Peak intensity 6.900 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED XP-L HI
FWHM 8.0°
Efficiency 92 %
Peak intensity 33.000 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED LH351B
FWHM 9.0°
Efficiency 90 %
Peak intensity 25.000 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.

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.

LEDiL Oy assumes neither warranty, nor guarantee nor any other liability of any kind for the contents and correctness of the provided data. The provided data has been generated with highest diligence but the provided data may in reality not represent the complete possible variation range of all intrinsic parameters. Therefore, in certain cases a deviation from the provided data could occur.

LEDiL Oy reserves the right to undertake technical changes of its products without further notification which could lead to changes in the provided data. LEDiL Oy assumes no liability of any kind for the possible deviation from any provided data or any other damage resulting from the usage of the provided data.

The user agrees to this disclaimer and user agreement with the download or usage of the provided files.

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

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