

## G2-LAURA-W-P

~45° wide beam. Assembly with thinner white holder, installation tape and location pins.

### SPECIFICATION:

Dimensions	21.6 x 21.6 mm
Height	13.1 mm
Fastening	tape, pin
ROHS compliant	yes ⓘ

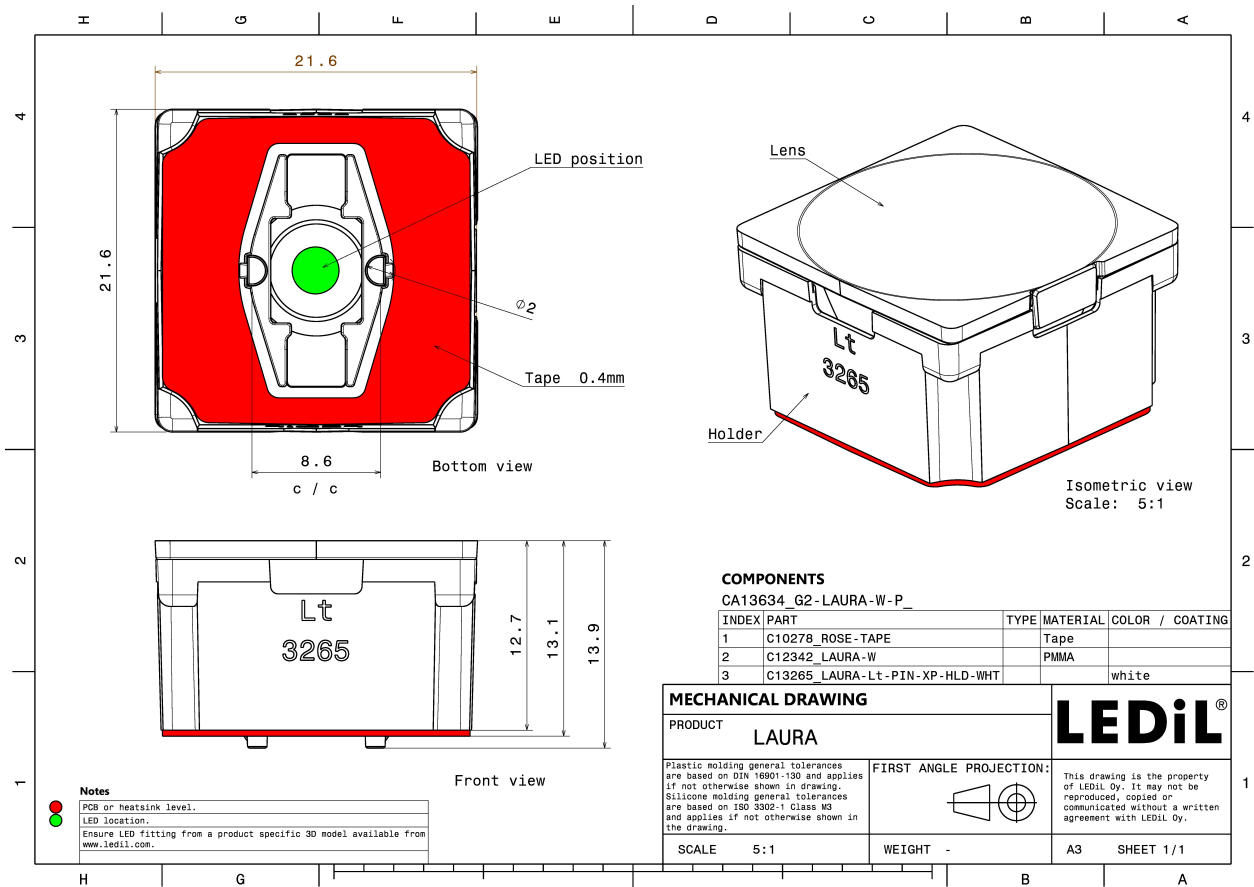
### MATERIALS:

Component	Type	Material	Colour	Finish
LAURA-W	Single lens	PMMA	clear	
LAURA-LT-PIN-XP-HLD-WHT	Holder	PC	white	
ROSE-TAPE	Tape	Acrylic foam	black	

### ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA13634_G2-LAURA-W-P	Single lens	1440	360	180	6.1
» Box size: 450 x 260 x 160 mm					



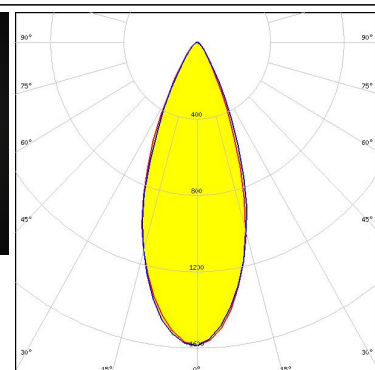
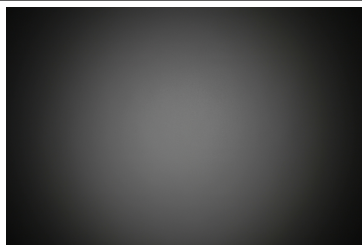


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

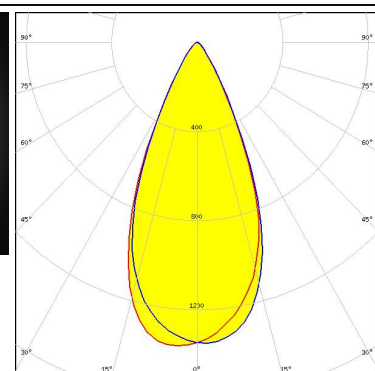
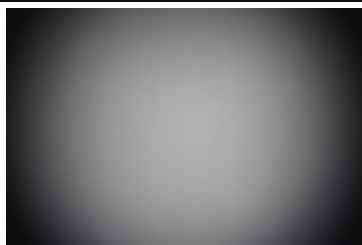
#### OPTICAL RESULTS (MEASURED):



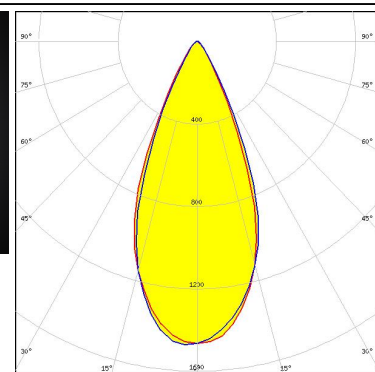
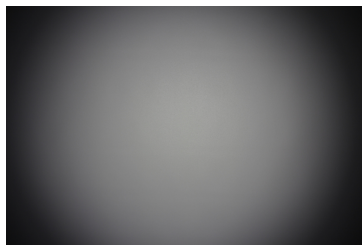
LED XB-D  
FWHM / FWTM 40.0° / 69.0°  
Efficiency 84 %  
Peak intensity 1.6 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



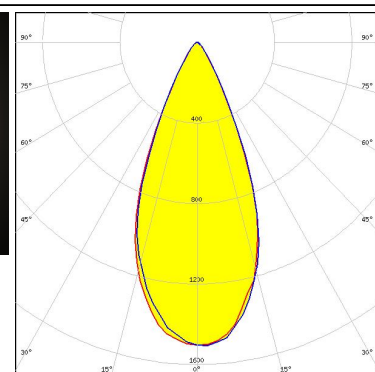
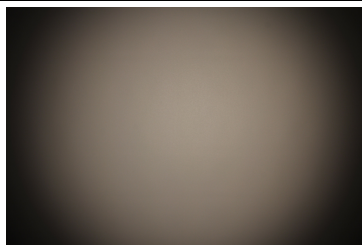
LED XB-H  
FWHM / FWTM 47.0° / 71.0°  
Efficiency 86 %  
Peak intensity 1.3 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED XP-E  
FWHM / FWTM 45.0° / 69.0°  
Efficiency 86 %  
Peak intensity 1.5 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED XP-E2  
FWHM / FWTM 45.0° / 69.0°  
Efficiency 87 %  
Peak intensity 1.5 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



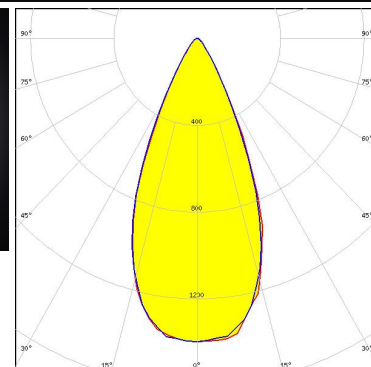
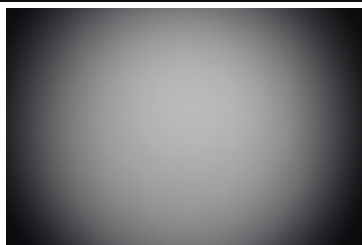
### OPTICAL RESULTS (MEASURED):



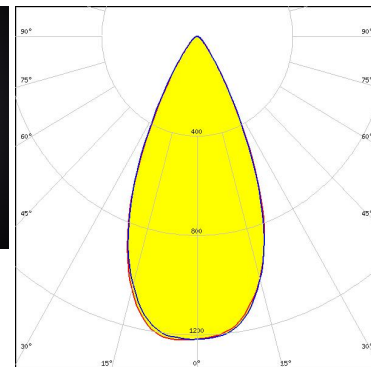
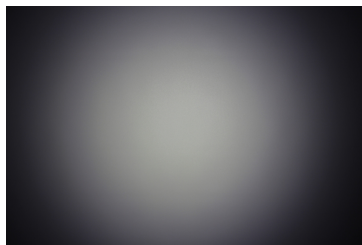
LED XP-G  
FWHM / FWTM 46.0° / 65.0°  
Efficiency 91 %  
Peak intensity 1.6 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



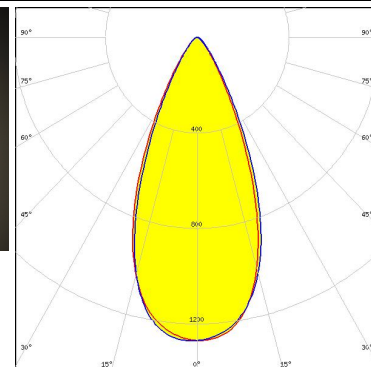
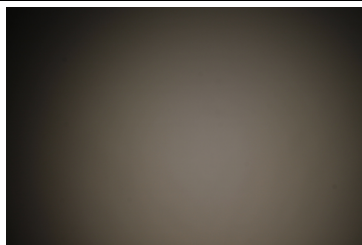
LED XP-G2  
FWHM / FWTM 47.0° / 71.0°  
Efficiency 87 %  
Peak intensity 1.4 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED XP-L HD  
FWHM / FWTM 49.0° / 76.0°  
Efficiency 85 %  
Peak intensity 1.2 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED XP-L2  
FWHM / FWTM 46.0° / 74.0°  
Efficiency 83 %  
Peak intensity 1.3 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

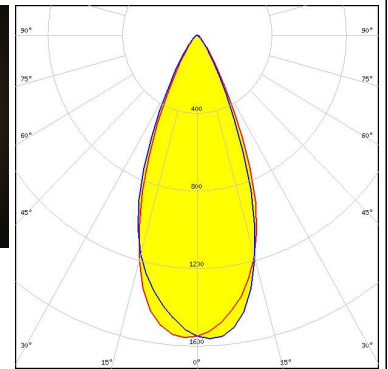
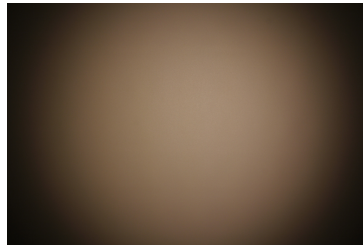




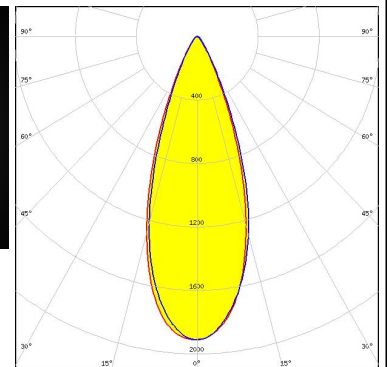
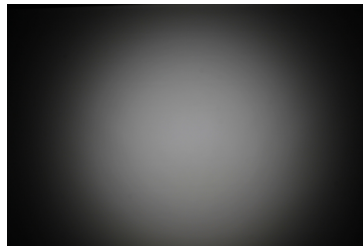
#### OPTICAL RESULTS (MEASURED):



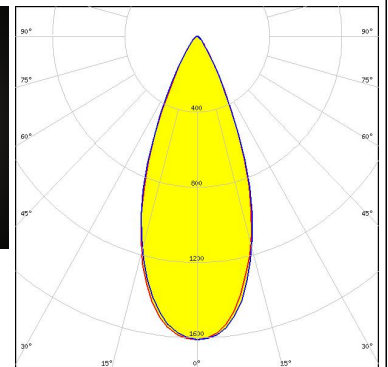
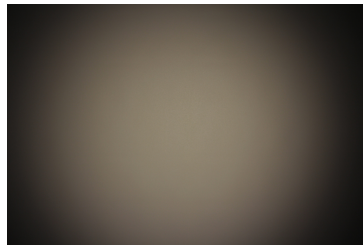
LED XT-E  
FWHM / FWTM 43.0° / 69.0°  
Efficiency 87 %  
Peak intensity 1.6 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



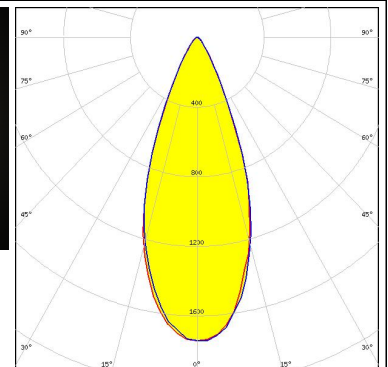
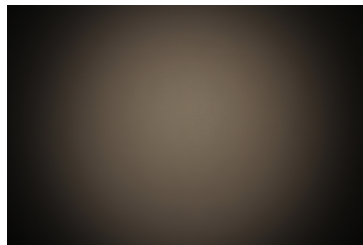
LED LUXEON 3030 2D (Round LES)  
FWHM / FWTM 37.0° / 62.0°  
Efficiency 86 %  
Peak intensity 1.9 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED LUXEON TX  
FWHM / FWTM 42.0° / 67.0°  
Efficiency 86 %  
Peak intensity 1.6 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



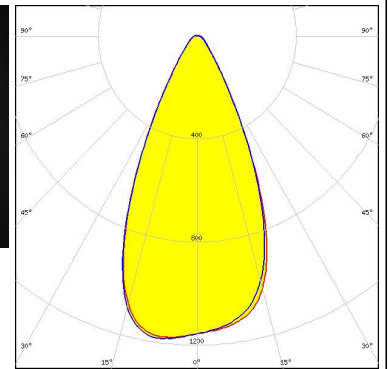
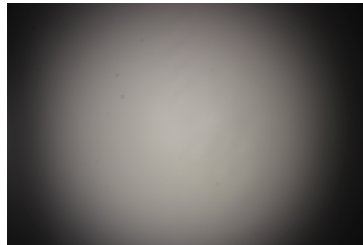
LED NCSxx19A  
FWHM / FWTM 41.0° / 66.0°  
Efficiency 88 %  
Peak intensity 1.7 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



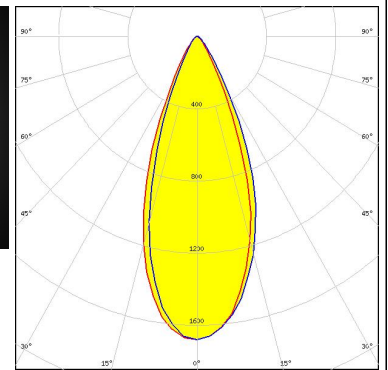
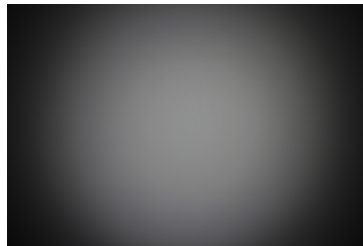
#### OPTICAL RESULTS (MEASURED):



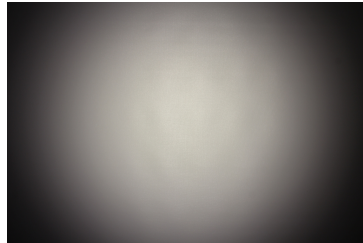
LED NVSW219F  
FWHM / FWTM 48.0° / 76.0°  
Efficiency 91 %  
Peak intensity 1.2 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



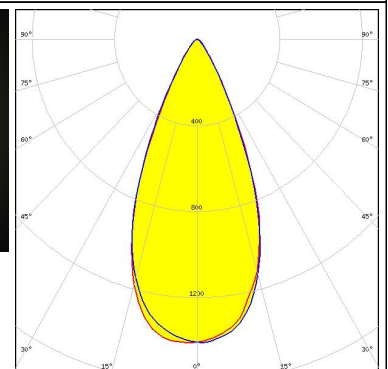
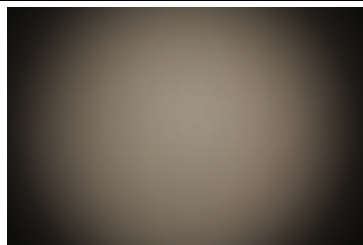
LED NVSxx19A  
FWHM / FWTM 41.0° / 67.0°  
Efficiency 87 %  
Peak intensity 1.7 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED NVSxx19B/NVSxx19C  
FWHM / FWTM 41.0° / 68.0°  
Efficiency 84 %  
Peak intensity 1.7 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



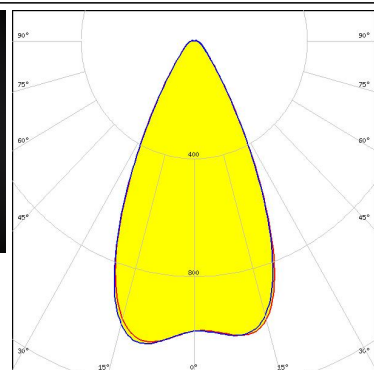
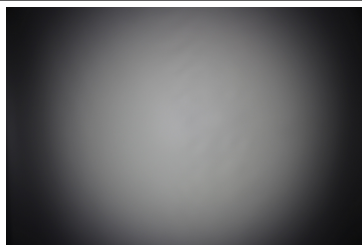
LED OSLON Square EC  
FWHM / FWTM 46.0° / 71.0°  
Efficiency 87 %  
Peak intensity 1.4 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



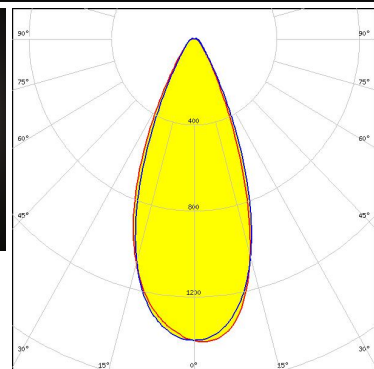
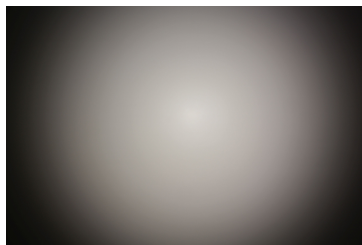
### OPTICAL RESULTS (MEASURED):

#### SAMSUNG

LED LH351D  
FWHM / FWTM 52.0° / 81.0°  
Efficiency 92 %  
Peak intensity 1 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



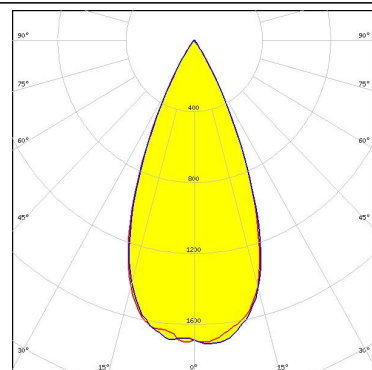
LED Z5M3  
FWHM / FWTM 43.0° / 72.0°  
Efficiency 92 %  
Peak intensity 1.4 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



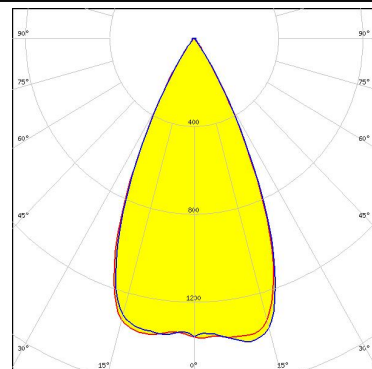
#### OPTICAL RESULTS (SIMULATED):



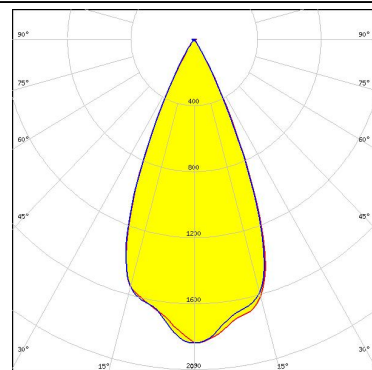
LED XHP35 HI  
FWHM / FWTM 45.0° / 65.0°  
Efficiency 93 %  
Peak intensity 1.7 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



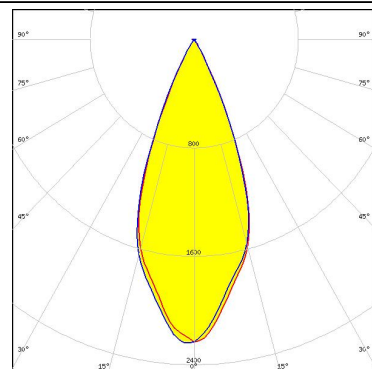
LED XP-G3  
FWHM / FWTM 50.0° / 68.0°  
Efficiency 93 %  
Peak intensity 1.4 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED XQ-E HI  
FWHM / FWTM 46.0° / 60.0°  
Efficiency 95 %  
Peak intensity 1.8 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED XQ-E HI  
FWHM / FWTM 41.0° / 58.0°  
Efficiency 94 %  
Peak intensity 2.3 cd/lm  
LEDs/each optic 1  
Light colour Red  
Required components:

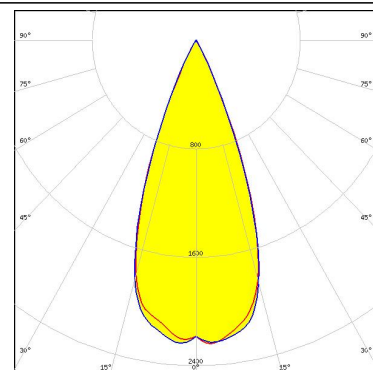


#### OPTICAL RESULTS (SIMULATED):

##### OSRAM

Opto Semiconductors

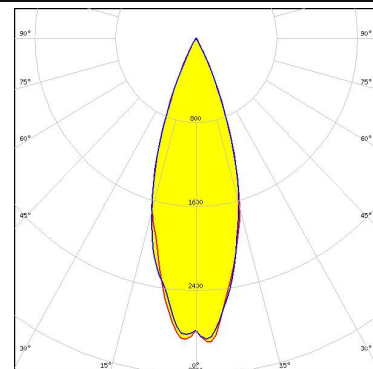
LED OSLON Black  
FWHM / FWTM 41.0° / 55.0°  
Efficiency 95 %  
Peak intensity 2.3 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



##### OSRAM

Opto Semiconductors

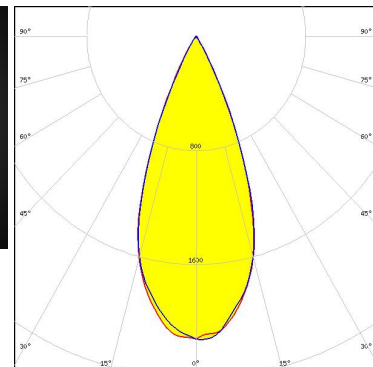
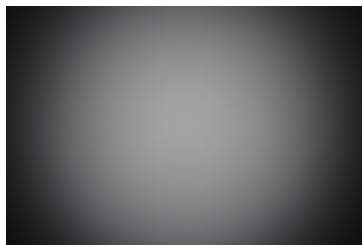
LED OSLON Black Flat (LUW HWQP)  
FWHM / FWTM 34.0° / 54.0°  
Efficiency 94 %  
Peak intensity 2.9 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



##### OSRAM

Opto Semiconductors

LED OSLON Square Flat  
FWHM / FWTM 41.0° / 59.0°  
Efficiency 94 %  
Peak intensity 2.2 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



##### OSRAM

Opto Semiconductors

LED SFH 4770S  
FWHM / FWTM 27.0° / 50.0°  
Efficiency 93 %  
LEDs/each optic 1  
Light colour White  
Required components:

## OPTICAL RESULTS (SIMULATED):





### 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.

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