

## G2-LAURA-M-P

~30° medium 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 ⓘ

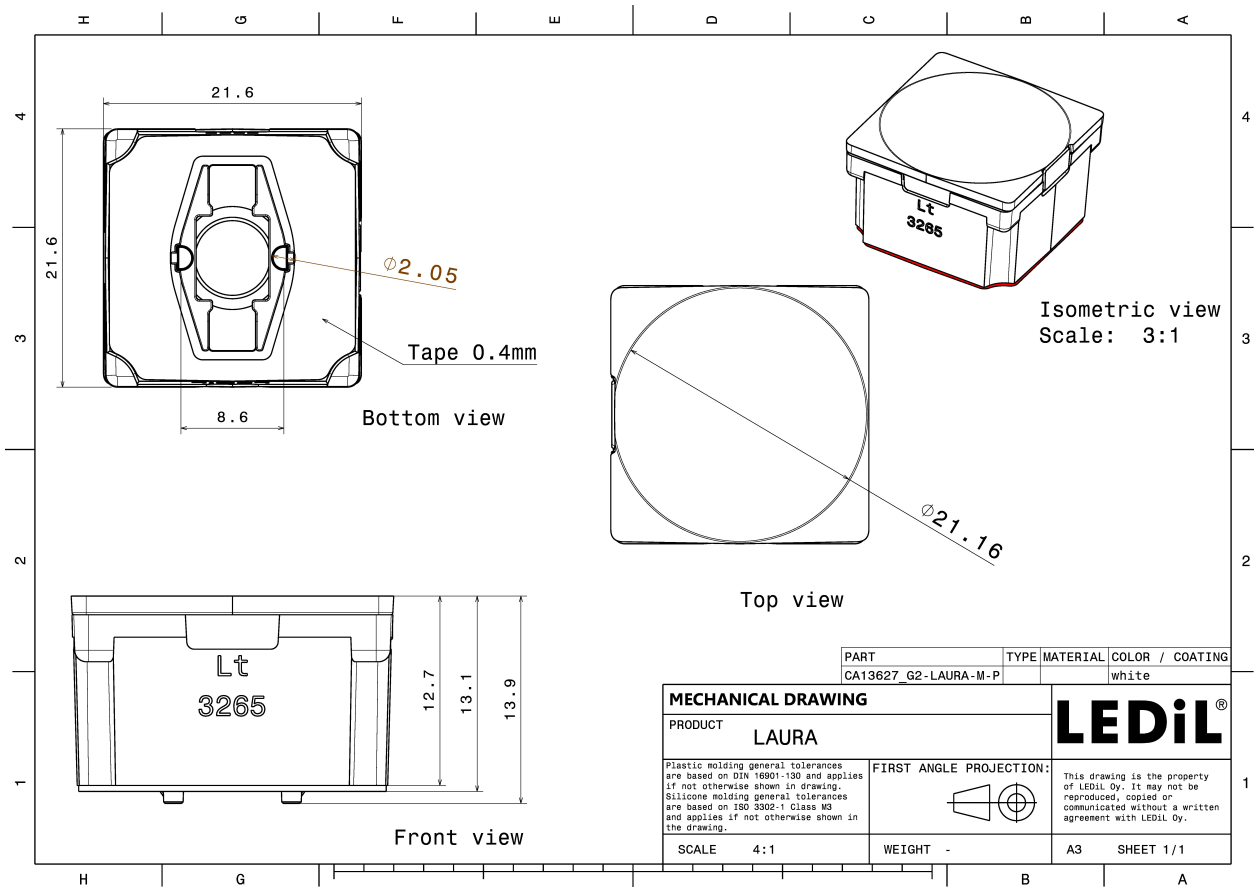
## MATERIALS:

Component	Type	Material	Colour	Finish
LAURA-M	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)
CA13627_G2-LAURA-M-P	Single lens		360	180	6.2
» Box size:					



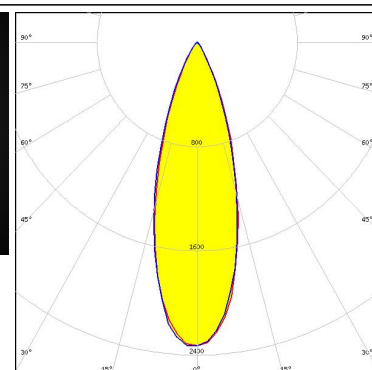
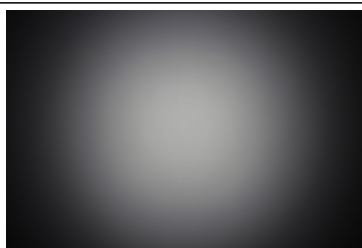


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

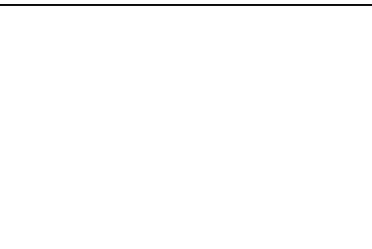
#### OPTICAL RESULTS (MEASURED):



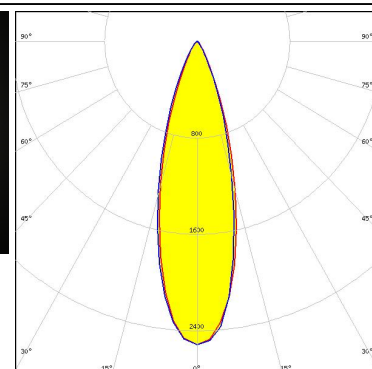
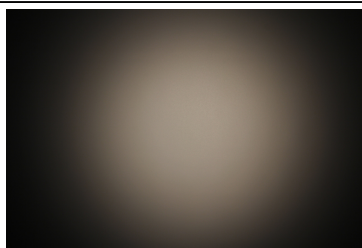
LED XB-H  
FWHM / FWTM 33.0° / 59.0°  
Efficiency 85 %  
Peak intensity 2.3 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



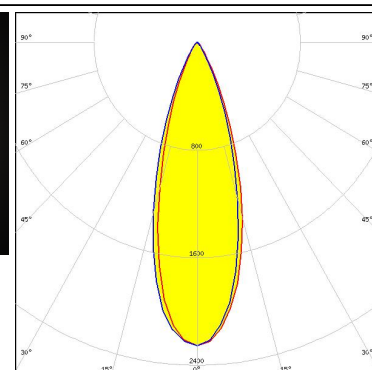
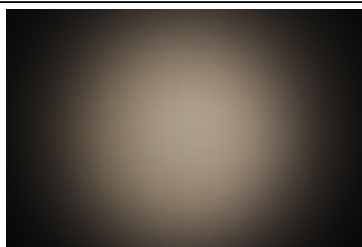
LED XP-E  
FWHM / FWTM 30.0° / 53.0°  
Efficiency 92 %  
Peak intensity 2.6 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED XP-E2  
FWHM / FWTM 31.0° / 56.0°  
Efficiency 85 %  
Peak intensity 2.5 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



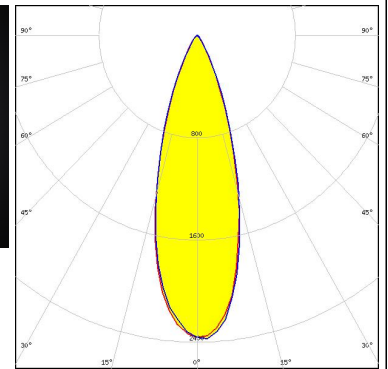
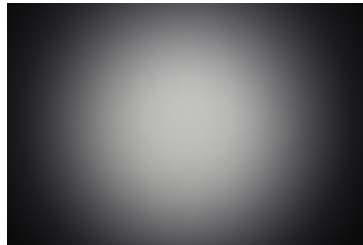
LED XP-G  
FWHM / FWTM 33.0° / 59.0°  
Efficiency 83 %  
Peak intensity 2.3 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



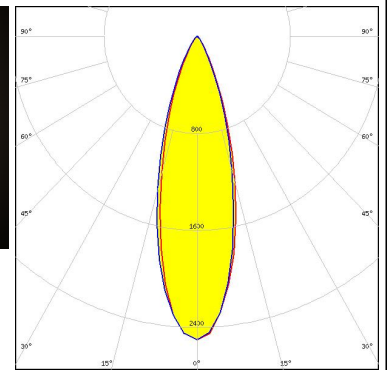
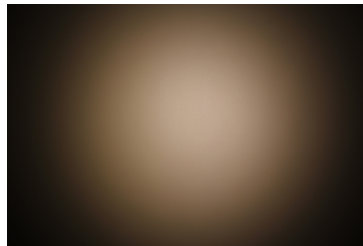
#### OPTICAL RESULTS (MEASURED):



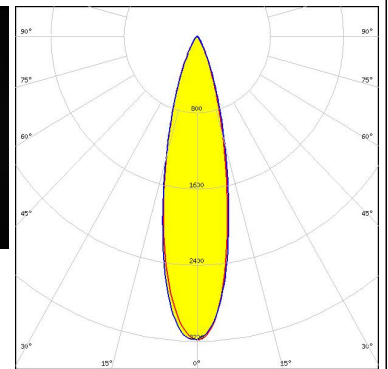
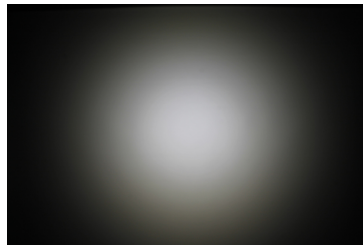
LED XP-G2  
FWHM / FWTM 33.0° / 58.0°  
Efficiency 85 %  
Peak intensity 2.4 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



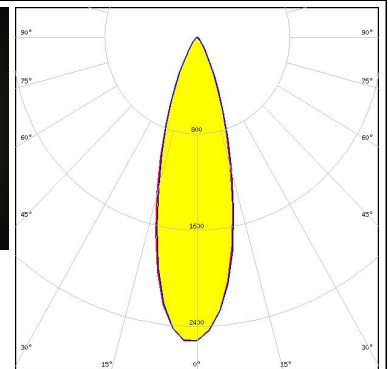
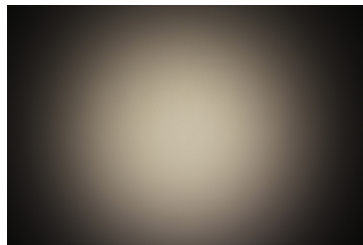
LED XT-E  
FWHM / FWTM 31.0° / 58.0°  
Efficiency 85 %  
Peak intensity 2.5 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED LUXEON 3030 2D (Round LES)  
FWHM / FWTM 25.0° / 51.0°  
Efficiency 85 %  
Peak intensity 3.2 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED LUXEON TX  
FWHM / FWTM 30.0° / 57.0°  
Efficiency 86 %  
Peak intensity 2.5 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

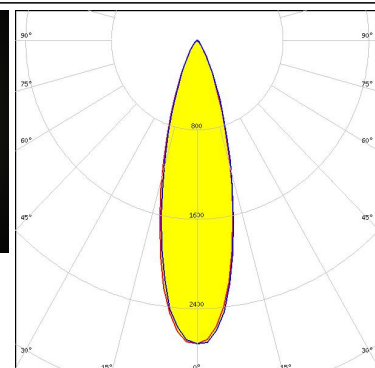
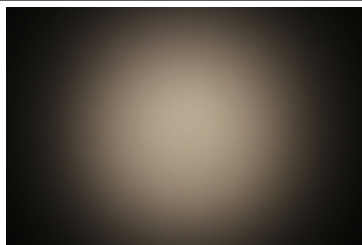




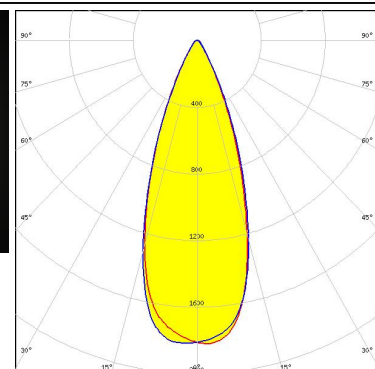
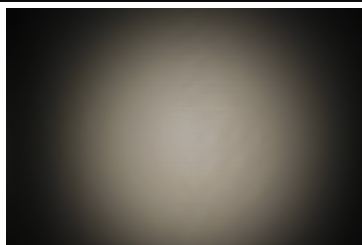
#### OPTICAL RESULTS (MEASURED):



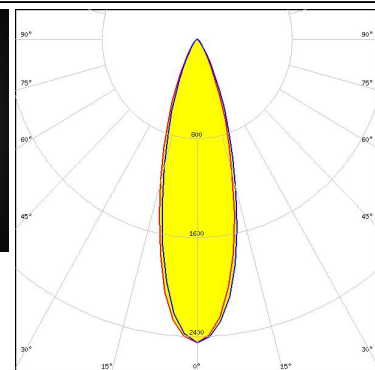
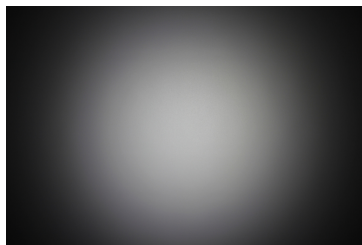
LED NCSxx19A  
 FWHM / FWTM 29.0° / 55.0°  
 Efficiency 86 %  
 Peak intensity 2.7 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



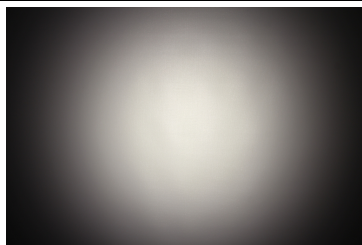
LED NVSW219D  
 FWHM / FWTM 38.0° / 63.0°  
 Efficiency 92 %  
 Peak intensity 1.8 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED NVSxx19A  
 FWHM / FWTM 30.0° / 58.0°  
 Efficiency 85 %  
 Peak intensity 2.5 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED NVSxx19B/NVSxx19C  
 FWHM / FWTM 28.0° / 56.0°  
 Efficiency 84 %  
 Peak intensity 2.8 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:

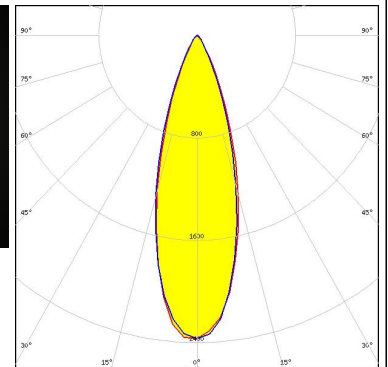
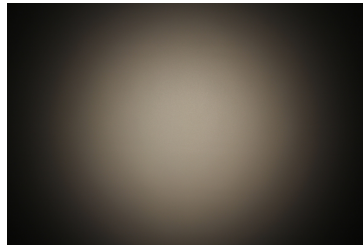


#### OPTICAL RESULTS (MEASURED):

##### OSRAM

Opto Semiconductors

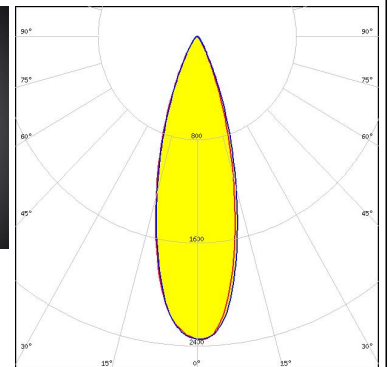
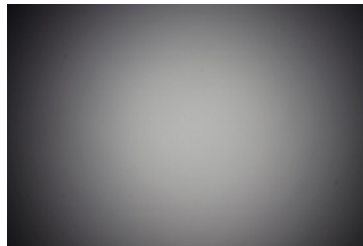
LED OSLON Square EC  
FWHM / FWTM 32.0° / 58.0°  
Efficiency 85 %  
Peak intensity 2.4 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



##### OSRAM

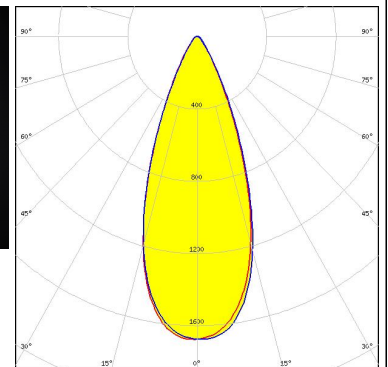
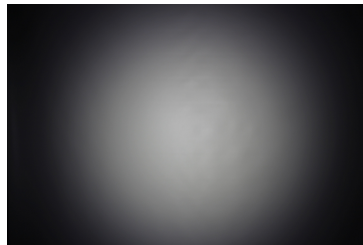
Opto Semiconductors

LED OSLON Square PC  
FWHM / FWTM 31.0° / 57.0°  
Efficiency 84 %  
Peak intensity 2.4 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



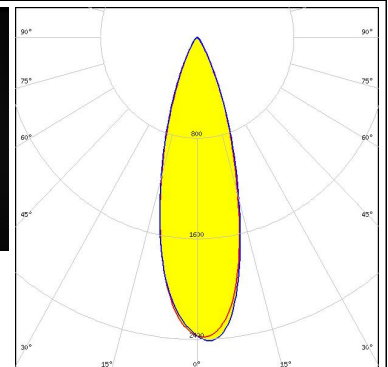
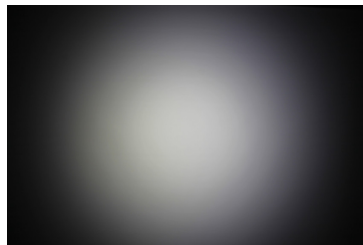
##### SAMSUNG

LED LH351D  
FWHM / FWTM 40.0° / 67.0°  
Efficiency 92 %  
Peak intensity 1.7 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



SEOUL SEMICONDUCTOR

LED Z5M1/Z5M2  
FWHM / FWTM 30.0° / 56.0°  
Efficiency 84 %  
Peak intensity 2.4 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



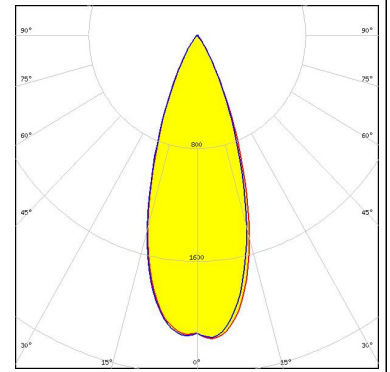
### OPTICAL RESULTS (MEASURED):



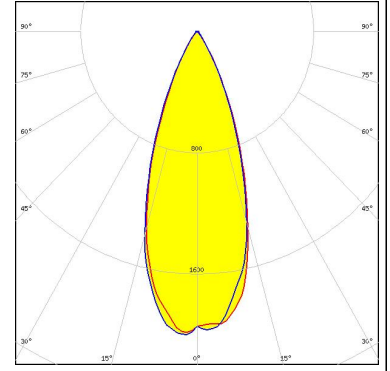
#### OPTICAL RESULTS (SIMULATED):



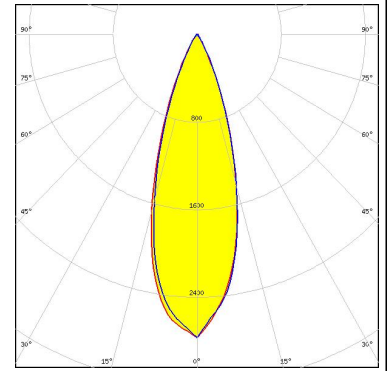
LED XHP35 HI  
FWHM / FWTM 28.0° / 61.0°  
Efficiency 93 %  
Peak intensity 2.2 cd/Im  
LEDs/each optic 1  
Light colour White  
Required components:



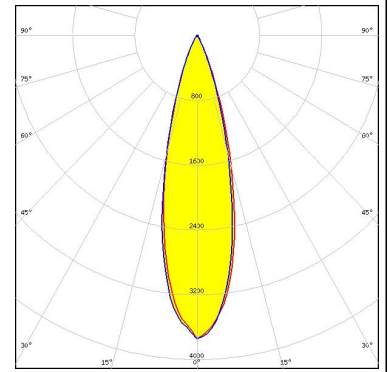
LED XP-L2  
FWHM / FWTM 38.0° / 63.0°  
Efficiency 93 %  
Peak intensity 2 cd/Im  
LEDs/each optic 1  
Light colour White  
Required components:



LED XQ-E HD  
FWHM / FWTM 32.3° / 55.7°  
Efficiency 94 %  
Peak intensity 2.8 cd/Im  
LEDs/each optic 1  
Light colour White  
Required components:



LED XQ-E HI  
FWHM / FWTM 27.0° / 49.0°  
Efficiency 94 %  
Peak intensity 3.7 cd/Im  
LEDs/each optic 1  
Light colour White  
Required components:

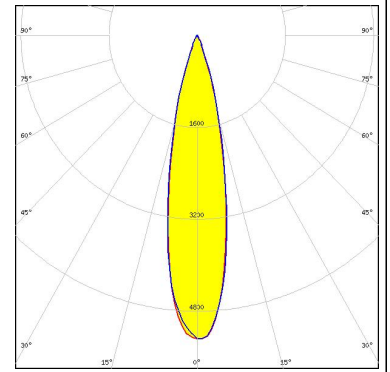


#### OPTICAL RESULTS (SIMULATED):

##### OSRAM

Opto Semiconductors

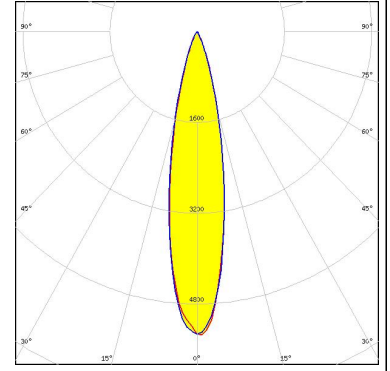
LED OSLON Black  
 FWHM / FWTM 22.0° / 40.0°  
 Efficiency 94 %  
 Peak intensity 5.3 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



##### OSRAM

Opto Semiconductors

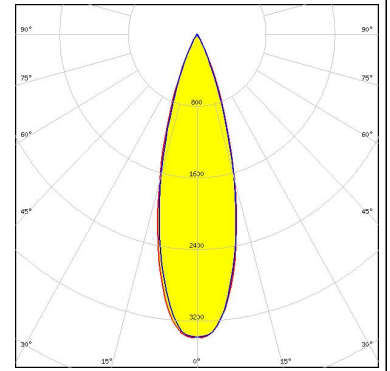
LED OSLON Black Flat (LUW HWQP)  
 FWHM / FWTM 21.0° / 42.0°  
 Efficiency 94 %  
 Peak intensity 5.4 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



##### OSRAM

Opto Semiconductors

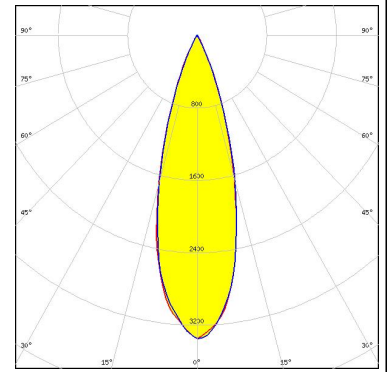
LED OSLON Boost HX (KW CULPM1.TG)  
 FWHM / FWTM 30.0° / 51.0°  
 Efficiency 96 %  
 Peak intensity 3.4 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



##### OSRAM

Opto Semiconductors

LED OSLON Signal  
 FWHM / FWTM 30.0° / 51.0°  
 Efficiency 96 %  
 Peak intensity 3.4 cd/lm  
 LEDs/each optic 1  
 Light colour Red  
 Required components:

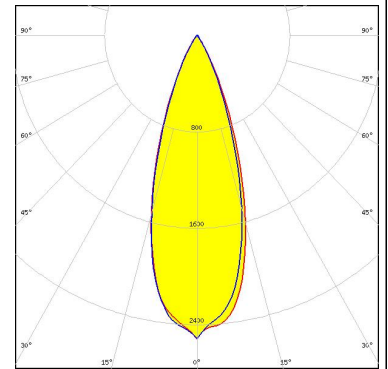


#### OPTICAL RESULTS (SIMULATED):

##### OSRAM

Opto Semiconductors

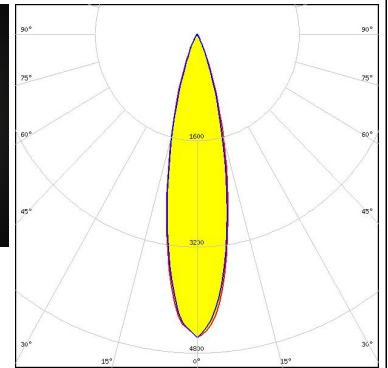
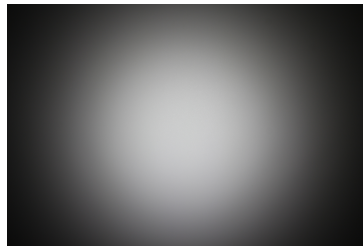
LED OSLOM Square CSSRM2/CSSRM3  
FWHM / FWTM 34.0° / 58.0°  
Efficiency 95 %  
Peak intensity 2.5 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



##### OSRAM

Opto Semiconductors

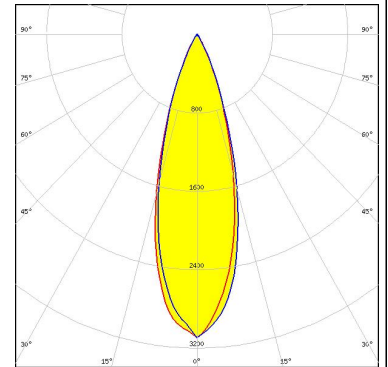
LED OSLOM Square Flat  
FWHM / FWTM 24.0° / 45.0°  
Efficiency 94 %  
Peak intensity 4.6 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



##### OSRAM

Opto Semiconductors

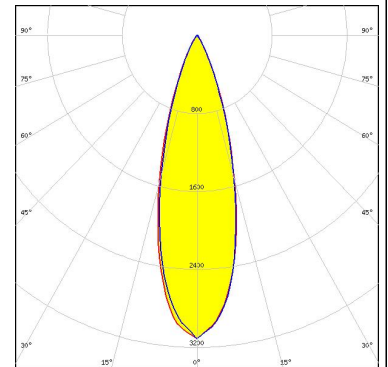
LED OSLOM SSL 150  
FWHM / FWTM 30.0° / 53.0°  
Efficiency 94 %  
Peak intensity 3.1 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



##### OSRAM

Opto Semiconductors

LED OSLOM SSL 80  
FWHM / FWTM 29.0° / 53.0°  
Efficiency 95 %  
Peak intensity 3.1 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:





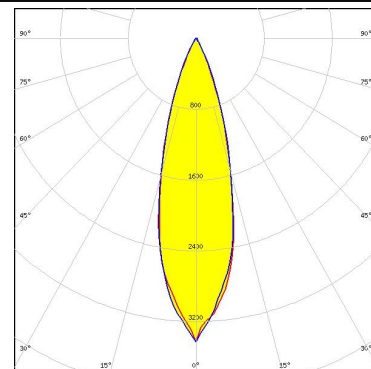
### OPTICAL RESULTS (SIMULATED):

#### OSRAM Opto Semiconductors

LED SFH 4770S  
FWHM / FWTM 27.0° / 56.0°  
Efficiency 88 %  
LEDs/each optic 1  
Light colour White  
Required components:

#### SEOUL SEMICONDUCTOR

LED Z8Y22P  
FWHM / FWTM 29.0° / 51.0°  
Efficiency 94 %  
Peak intensity 3.4 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.

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#### LEDiL Oy

Joensuunkatu 13  
FI-24240 SALO  
Finland

#### LEDiL Inc.

228 West Page Street  
Suite D  
Sycamore IL 60178  
USA

#### Ledil Optics Technology (Shenzhen) Co., Ltd.

# 405 , Block B  
Casic Motor Building  
Shenzhen 518057  
P.R.CHINA

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