

## G2-LAURA-D-P

~13° diffused spot beam. Assembly with thinner white holder, installation tape and location pins.

## SPECIFICATION:

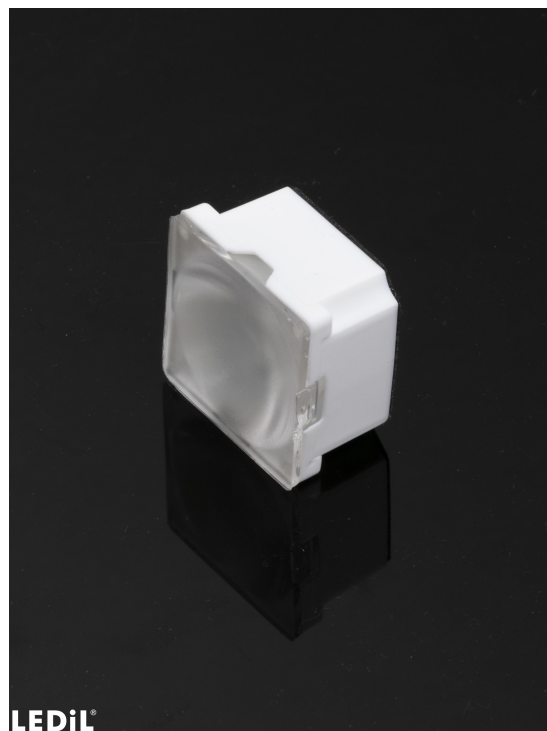
Dimensions	21.6 x 21.6 mm
Height	13.1 mm
Fastening	tape, pin
ROHS compliant	yes ⓘ

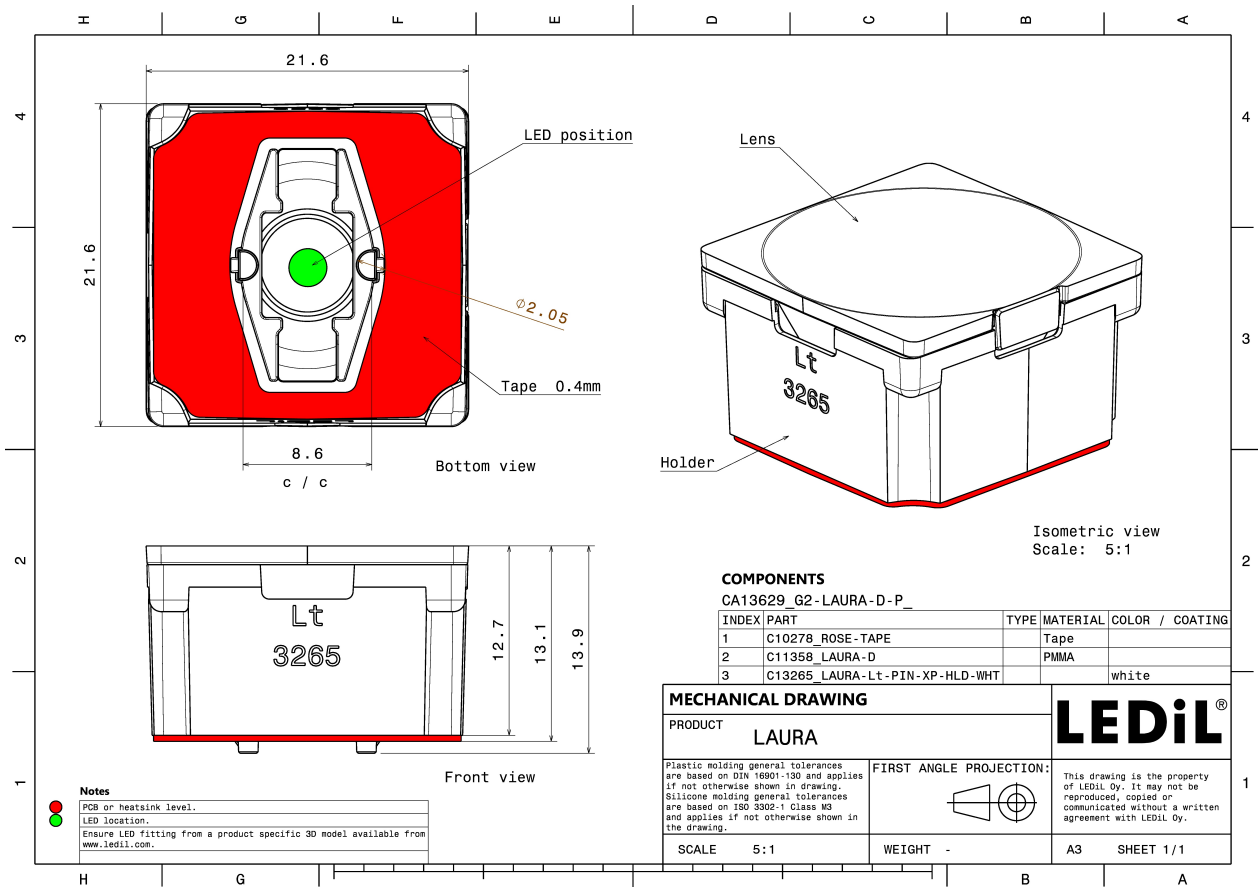
## MATERIALS:

Component	Type	Material	Colour	Finish
LAURA-D	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)
CA13629_G2-LAURA-D-P	Single lens	1440	360	180	5.9
» Box size: 451 x 254 x 152 mm					



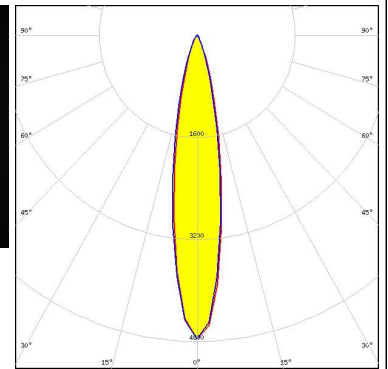
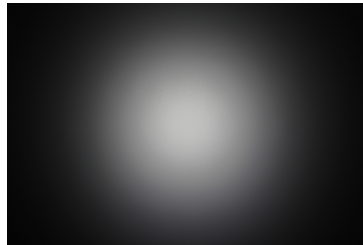


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

#### OPTICAL RESULTS (MEASURED):



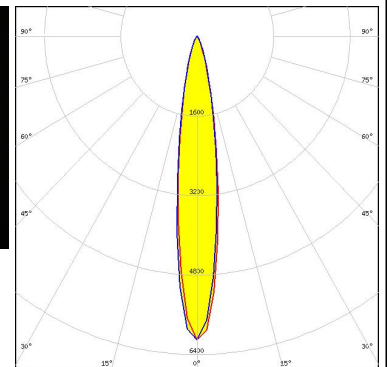
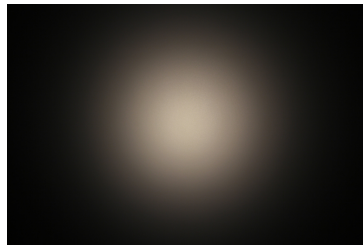
LED XB-H  
FWHM / FWTM 19.0° / 41.0°  
Efficiency 83 %  
Peak intensity 4.8 cd/m  
LEDs/each optic 1  
Light colour White  
Required components:



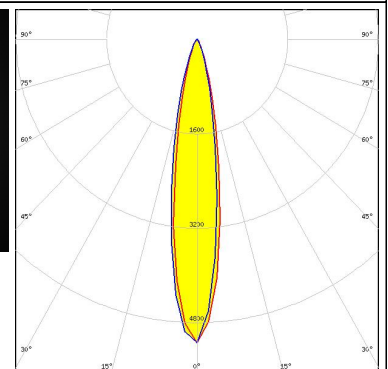
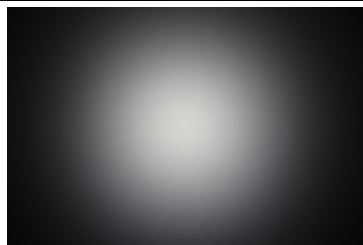
LED XP-E  
FWHM / FWTM 13.0° / 31.0°  
Efficiency 93 %  
Peak intensity 9.3 cd/m  
LEDs/each optic 1  
Light colour White  
Required components:



LED XP-E2  
FWHM / FWTM 16.0° / 37.0°  
Efficiency 83 %  
Peak intensity 6.1 cd/m  
LEDs/each optic 1  
Light colour White  
Required components:



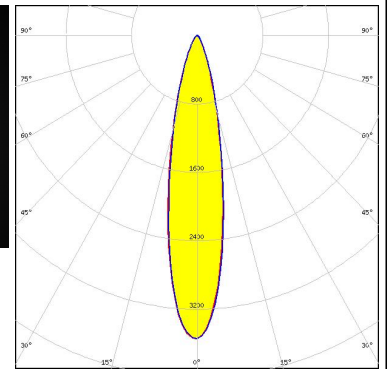
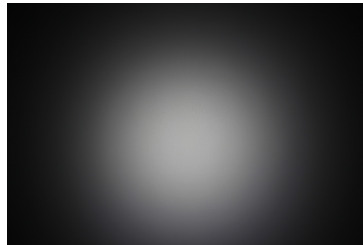
LED XP-G2  
FWHM / FWTM 19.0° / 40.0°  
Efficiency 83 %  
Peak intensity 5.1 cd/m  
LEDs/each optic 1  
Light colour White  
Required components:



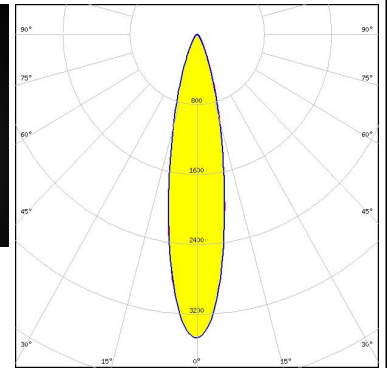
#### OPTICAL RESULTS (MEASURED):



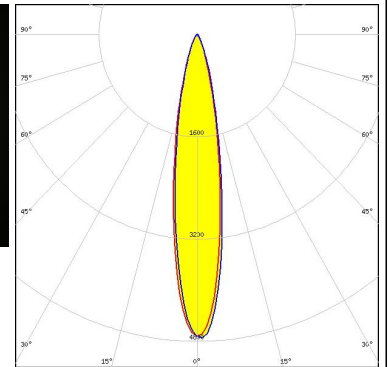
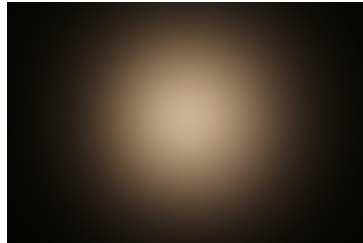
LED XP-L HD  
 FWHM / FWTM 21.0° / 45.0°  
 Efficiency 81 %  
 Peak intensity 3.6 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



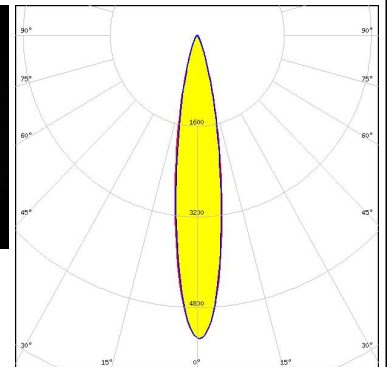
LED XP-L2  
 FWHM / FWTM 22.0° / 48.0°  
 Efficiency 84 %  
 Peak intensity 3.5 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED XT-E  
 FWHM / FWTM 19.0° / 41.0°  
 Efficiency 82 %  
 Peak intensity 4.7 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED LUXEON 3030 2D (Round LES)  
 FWHM / FWTM 18.0° / 38.0°  
 Efficiency 87 %  
 Peak intensity 5.4 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:

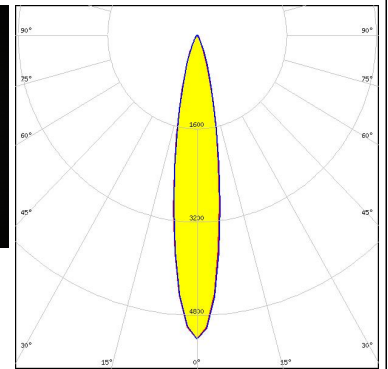
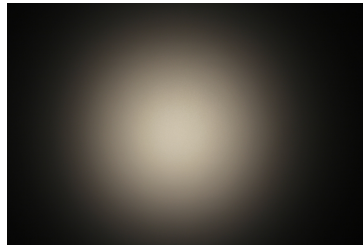




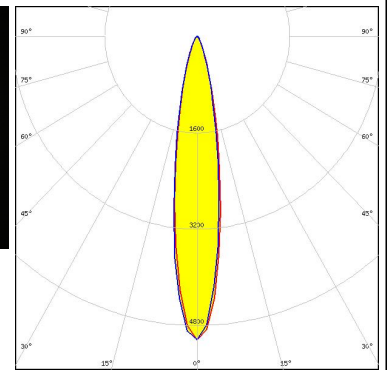
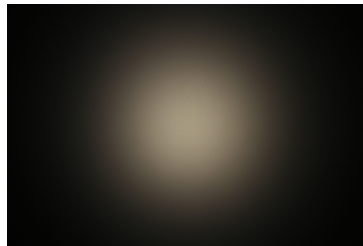
#### OPTICAL RESULTS (MEASURED):



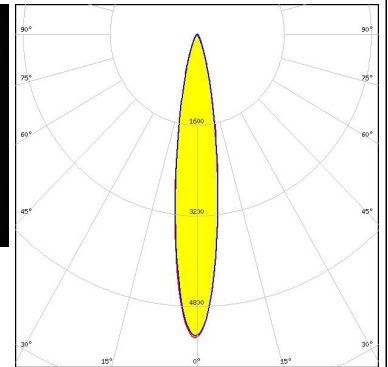
LED LUXEON TX  
FWHM / FWTM 18.0° / 40.0°  
Efficiency 86 %  
Peak intensity 5.2 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



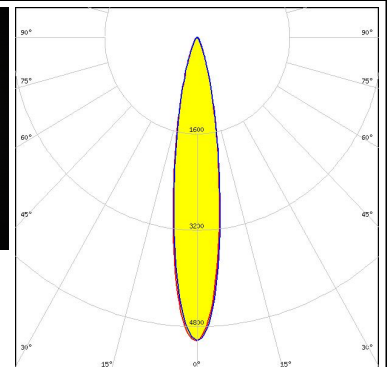
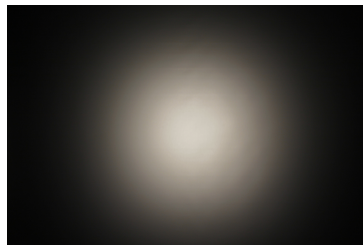
LED NCSxx19A  
FWHM / FWTM 19.0° / 41.0°  
Efficiency 87 %  
Peak intensity 5 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED NCSxx19B  
FWHM / FWTM 17.0° / 38.0°  
Efficiency 83 %  
Peak intensity 5.4 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



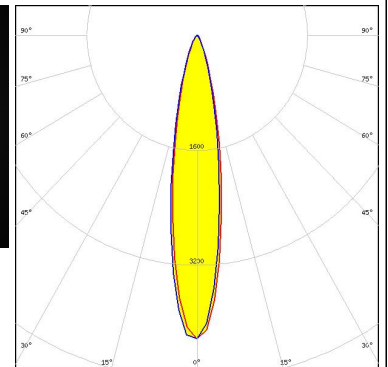
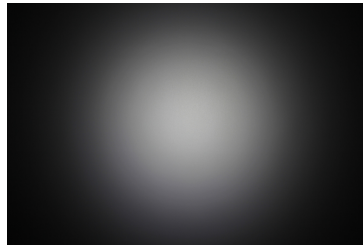
LED NVSW219D  
FWHM / FWTM 18.0° / 40.0°  
Efficiency 94 %  
Peak intensity 5 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



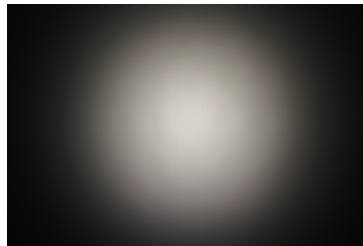
#### OPTICAL RESULTS (MEASURED):



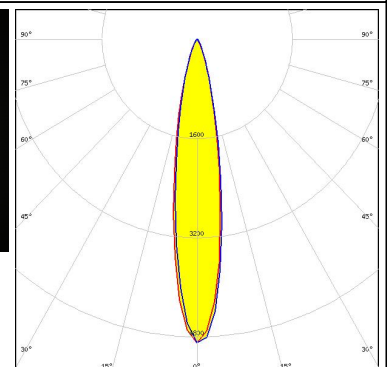
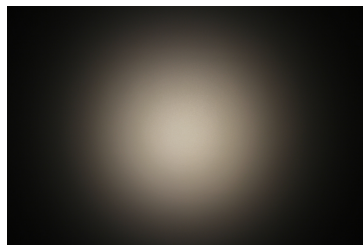
LED NVSxx19A  
FWHM / FWTM 20.0° / 43.0°  
Efficiency 81 %  
Peak intensity 4.2 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



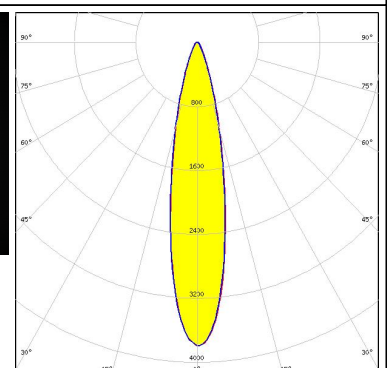
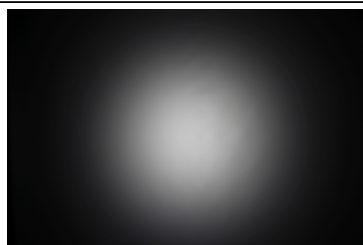
LED NVSxx19B/NVSxx19C  
FWHM / FWTM 19.0° / 42.0°  
Efficiency 83 %  
Peak intensity 4.9 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:




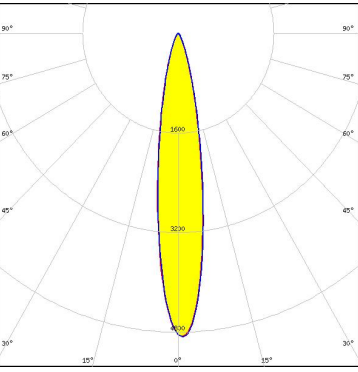

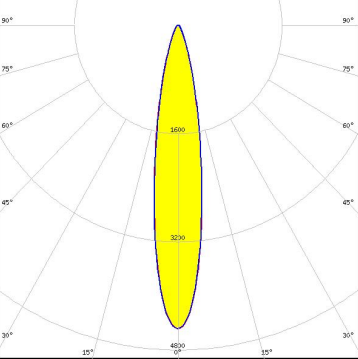
LED OSLOM Square EC  
FWHM / FWTM 19.0° / 40.0°  
Efficiency 82 %  
Peak intensity 4.9 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED LH351D  
FWHM / FWTM 21.0° / 46.0°  
Efficiency 93 %  
Peak intensity 3.8 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



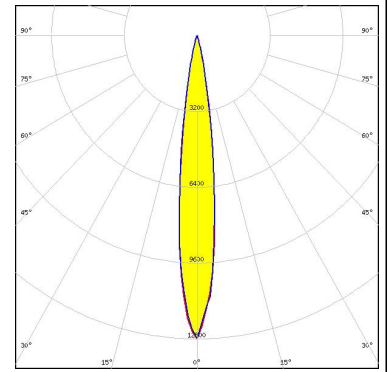
### OPTICAL RESULTS (MEASURED):

<p><b>SEOUL SEMICONDUCTOR</b></p> <p>LED Z5M1/Z5M2</p> <p>FWHM / FWTM 18.0° / 39.0°</p> <p>Efficiency 83 %</p> <p>Peak intensity 4.9 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p><b>SEOUL SEMICONDUCTOR</b></p> <p>LED Z5M3</p> <p>FWHM / FWTM 19.0° / 42.0°</p> <p>Efficiency 93 %</p> <p>Peak intensity 4.5 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		

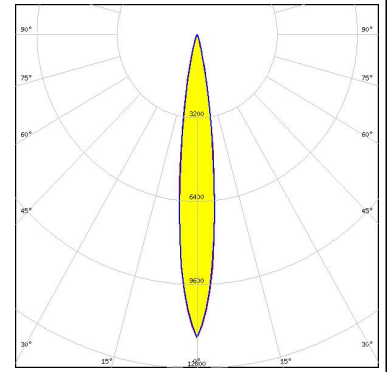
#### OPTICAL RESULTS (SIMULATED):



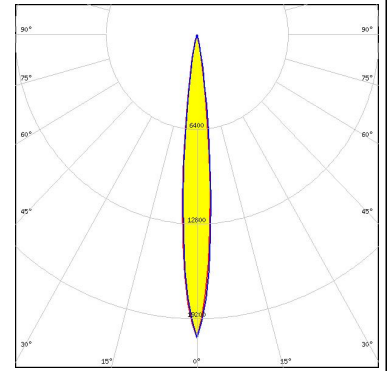
LED XHP35 HI  
FWHM / FWTM 14.0° / 26.0°  
Efficiency 94 %  
Peak intensity 12.8 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



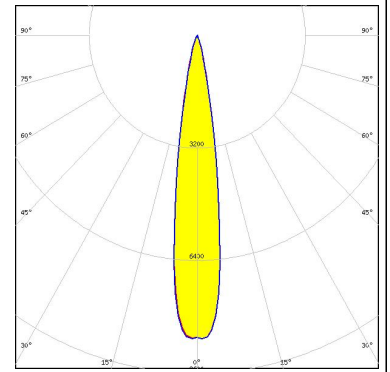
LED XP-G3  
FWHM / FWTM 14.0° / 28.0°  
Efficiency 93 %  
Peak intensity 11.6 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED XQ-E HD  
FWHM / FWTM 10.8° / 21.2°  
Efficiency 94 %  
Peak intensity 20.5 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED NS9x383  
FWHM / FWTM 16.0° / 30.0°  
Efficiency 94 %  
Peak intensity 8.7 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

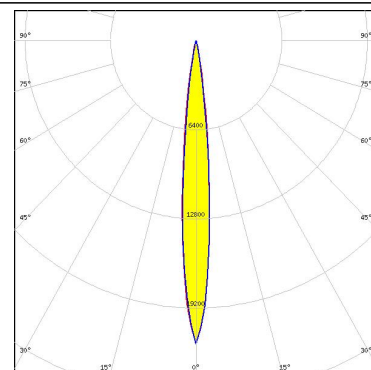


#### OPTICAL RESULTS (SIMULATED):

##### OSRAM

Opto Semiconductors

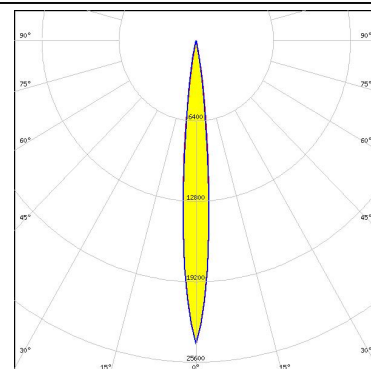
LED OSLON Boost HX (KW CULPM1.TG)  
 FWHM / FWTM 10.0° / 20.0°  
 Efficiency 96 %  
 Peak intensity 21.8 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



##### OSRAM

Opto Semiconductors

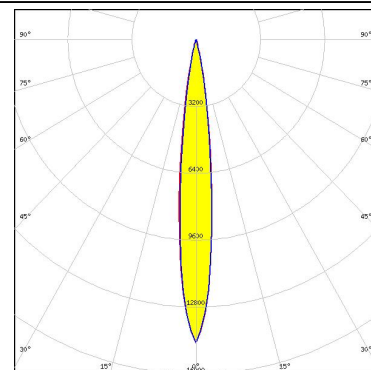
LED OSLON Signal  
 FWHM / FWTM 10.0° / 20.0°  
 Efficiency 95 %  
 Peak intensity 24.2 cd/lm  
 LEDs/each optic 1  
 Light colour Red  
 Required components:



##### OSRAM

Opto Semiconductors

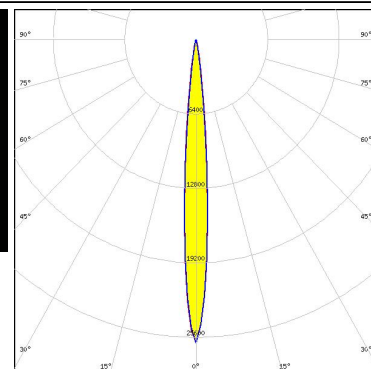
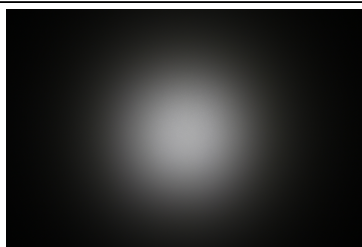
LED OSLON Square CSSRM2/CSSRM3  
 FWHM / FWTM 12.0° / 25.0°  
 Efficiency 96 %  
 Peak intensity 14.5 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



##### OSRAM

Opto Semiconductors

LED OSLON Square Flat  
 FWHM / FWTM 9.0° / 19.0°  
 Efficiency 94 %  
 Peak intensity 26.1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:

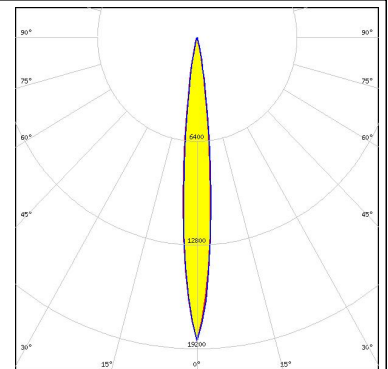


#### OPTICAL RESULTS (SIMULATED):

##### OSRAM

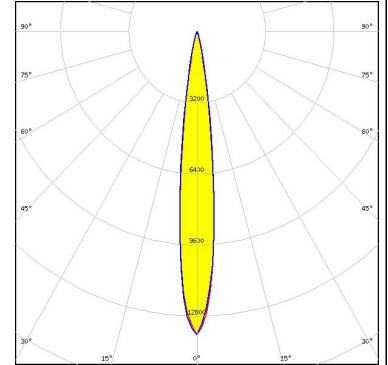
Opto Semiconductors

LED	OSLON SSL 80
FWHM / FWTM	10.0° / 22.0°
Efficiency	95 %
Peak intensity	18.7 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



SEOUL SEMICONDUCTOR

LED	Z8Y22P
FWHM / FWTM	13.0° / 25.0°
Efficiency	97 %
Peak intensity	13.6 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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#### Local sales and technical support

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#### Shipping locations

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