

## GABRIELLA-45-M

~25° medium beam with holder

## SPECIFICATION:

|                |         |
|----------------|---------|
| Dimensions     | Ø 45.0  |
| Height         | 28.9 mm |
| Fastening      | screw   |
| ROHS compliant | yes ⓘ   |

## MATERIALS:

| Component               | Type        | Material | Colour | Finish | Length (mm) |
|-------------------------|-------------|----------|--------|--------|-------------|
| C15810_GABRIELLA-45-M   | Single lens | PMMA     | clear  |        |             |
| C15528_GABRIELLA-45-HLD | Holder      | PC       | black  |        |             |

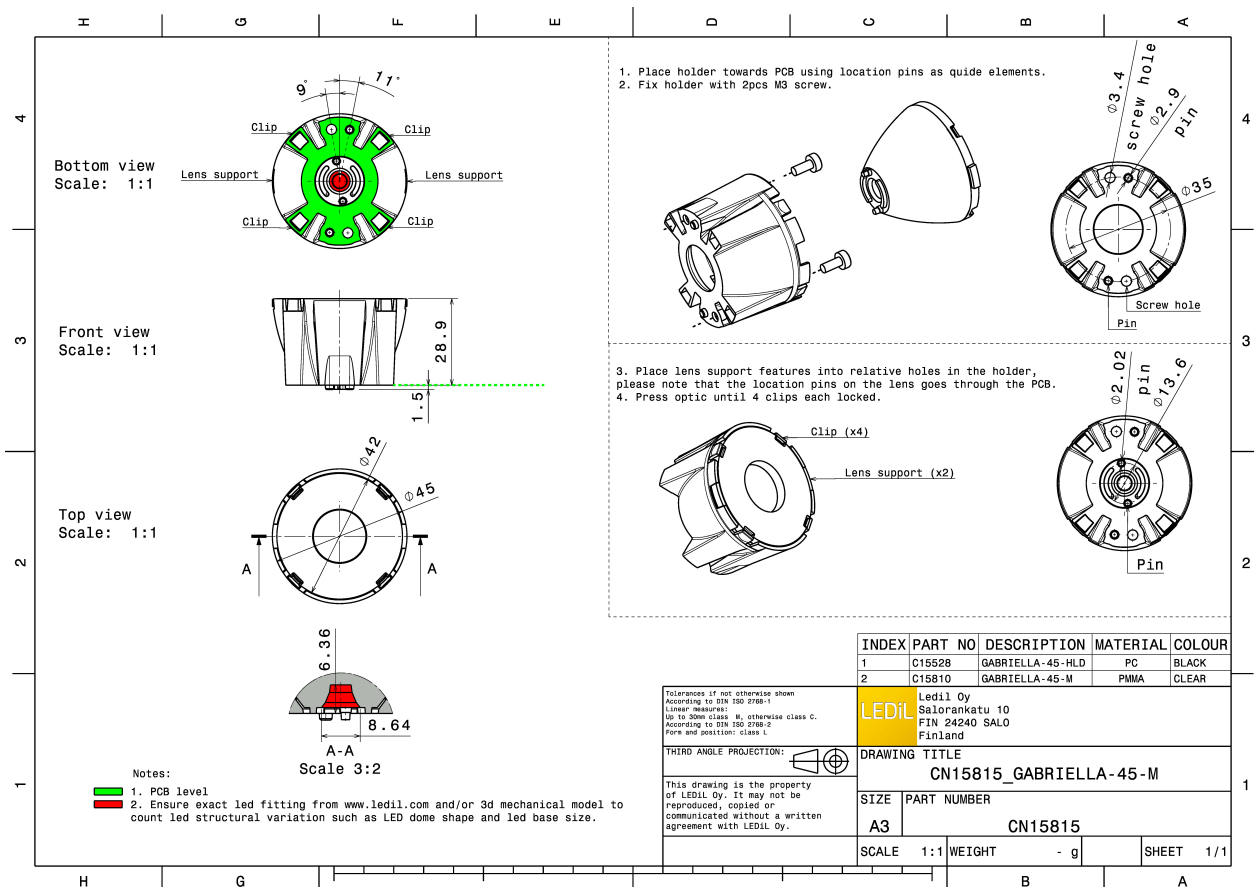


## ORDERING INFORMATION:

## Quantities for one set:

|             |   |
|-------------|---|
| Single lens | 1 |
| Holder      | 1 |

| Component                                                 |             | Qty in box | MOQ | MPQ | Box weight (kg) |
|-----------------------------------------------------------|-------------|------------|-----|-----|-----------------|
| C15810_GABRIELLA-45-M<br>» Box size: 476 x 273 x 292 mm   | Single lens | 405        | 90  | 45  | 11.3            |
| C15528_GABRIELLA-45-HLD<br>» Box size: 476 x 273 x 292 mm | Holder      | 405        | 90  | 45  | 5.1             |

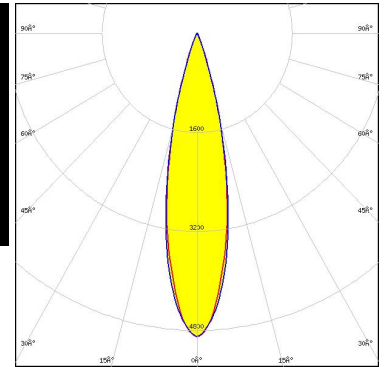
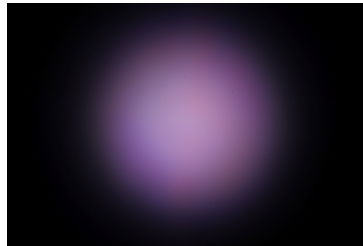


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

### OPTICAL RESULTS (MEASURED):



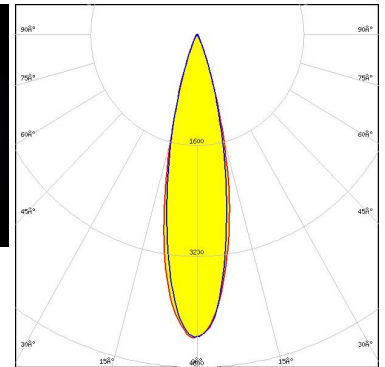
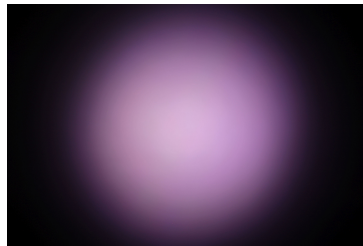
LED XP-L RGBW HD  
FWHM / FWTM 24.0° / 40.0°  
Efficiency 90 %  
Peak intensity 4.9 cd/lm  
LEDs/each optic 1  
Light colour/type RGBW  
Required components:



Light distribution files



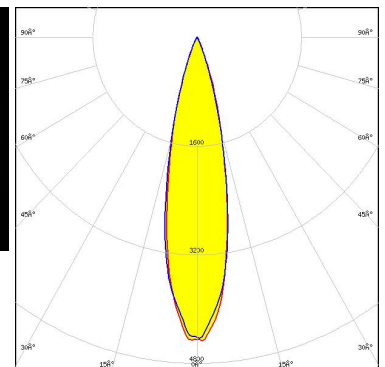
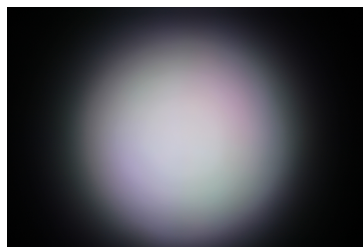
LED LUXEON 5052 RGBW  
FWHM / FWTM 24.0° / 43.0°  
Efficiency 89 %  
Peak intensity 4.4 cd/lm  
LEDs/each optic 1  
Light colour/type RGBW  
Required components:



Light distribution files



LED LUXEON CZ  
FWHM / FWTM 23.0° / 43.0°  
Efficiency 89 %  
Peak intensity 4.5 cd/lm  
LEDs/each optic 4  
Light colour/type RGBW  
Required components:



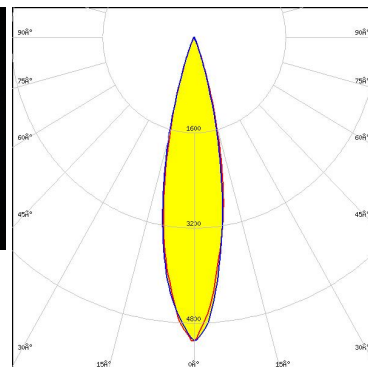
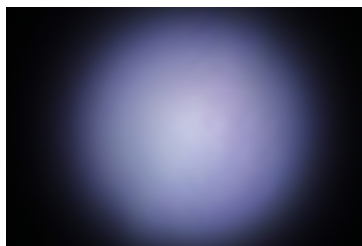
Light distribution files



### OPTICAL RESULTS (MEASURED):



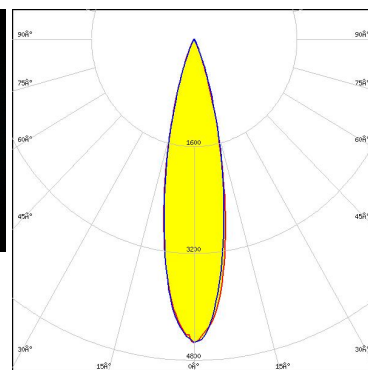
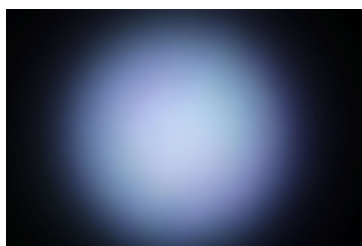
LED SBM-40-RGBW  
FWHM / FWTM 23.0° / 39.0°  
Efficiency 89 %  
Peak intensity 5.1 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



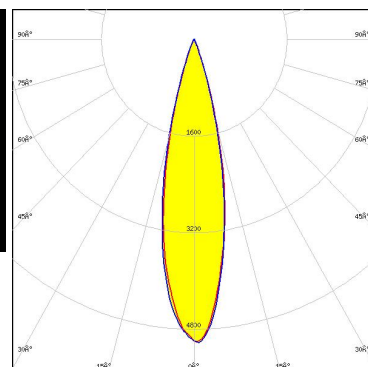
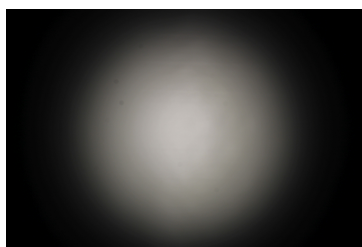
LED NCSxE17A  
FWHM / FWTM 24.0° / 42.0°  
Efficiency 90 %  
Peak intensity 4.6 cd/lm  
LEDs/each optic 4  
Light colour/type RGBW  
Required components:



Light distribution files



LED NVSW219F  
FWHM / FWTM 24.0° / 40.0°  
Efficiency 90 %  
Peak intensity 5 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

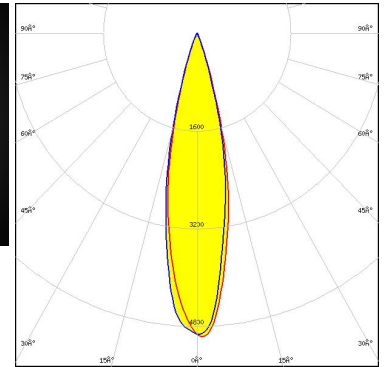
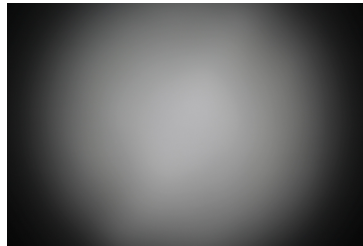


Light distribution files

### OPTICAL RESULTS (MEASURED):

**OSRAM**  
Opto Semiconductors

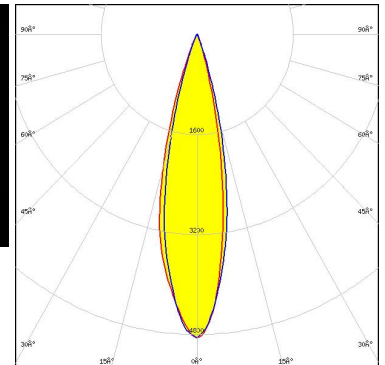
LED OSLON Square EC  
FWHM / FWTM 24.0° / 39.0°  
Efficiency 88 %  
Peak intensity 5 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files

**OSRAM**  
Opto Semiconductors

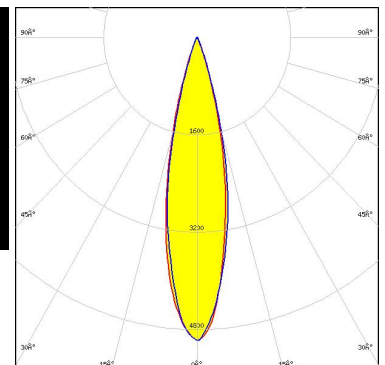
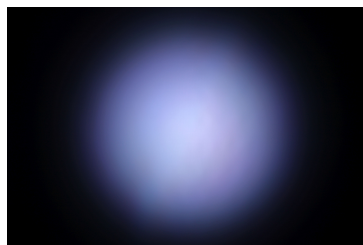
LED Ostar-SMT RGB  
FWHM / FWTM 24.0° / 40.0°  
Efficiency 90 %  
Peak intensity 4.9 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files

**SEKUL**  
SEOUL SEMICONDUCTOR

LED SPF05F0A  
FWHM / FWTM 24.0° / 39.0°  
Efficiency 88 %  
Peak intensity 5 cd/lm  
LEDs/each optic 1  
Light colour/type RGBW  
Required components:

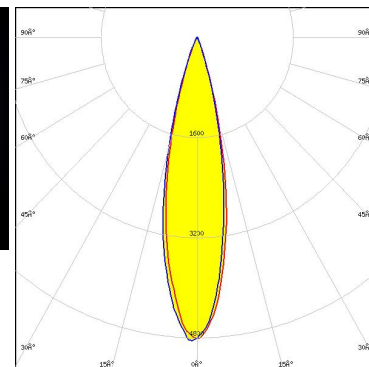
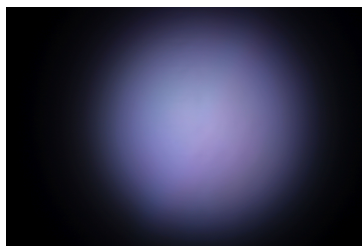


Light distribution files

### OPTICAL RESULTS (MEASURED):



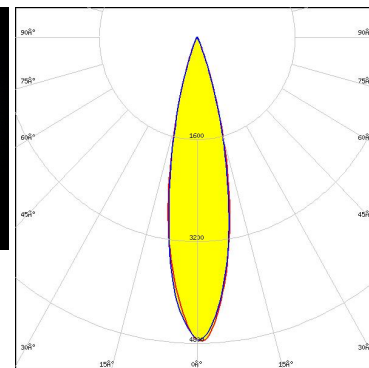
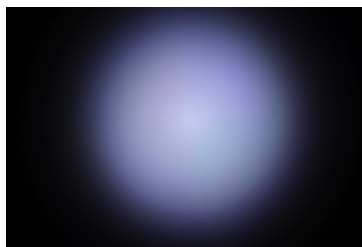
LED                      SPF05F0B  
FWHM / FWTM        24.0° / 40.0°  
Efficiency              88 %  
Peak intensity        4.9 cd/lm  
LEDs/each optic      1  
Light colour/type    RGBW  
Required components:



Light distribution files



LED                      SPF05F0C  
FWHM / FWTM        24.0° / 41.0°  
Efficiency              89 %  
Peak intensity        4.8 cd/lm  
LEDs/each optic      1  
Light colour/type    RGBW  
Required components:

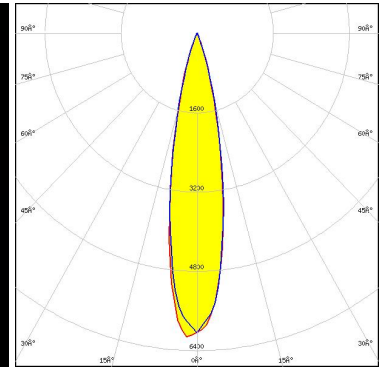


Light distribution files

### OPTICAL RESULTS (SIMULATED):



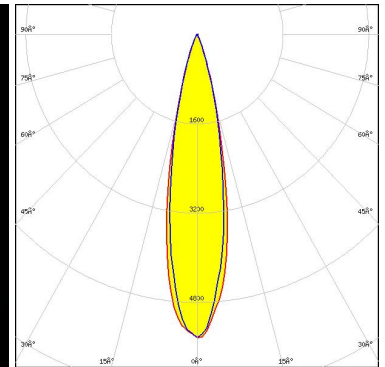
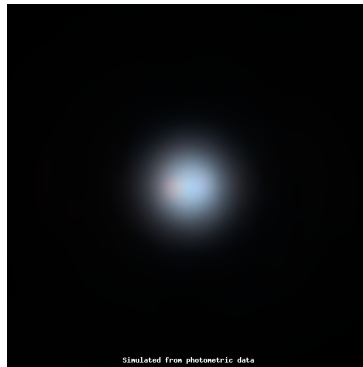
LED SMD 3838 RGBW 3V  
FWHM / FWTM 20.0° / 38.0°  
Efficiency 92 %  
Peak intensity 6.1 cd/Im  
LEDs/each optic 1  
Light colour/type RGBW  
Required components:



Light distribution files



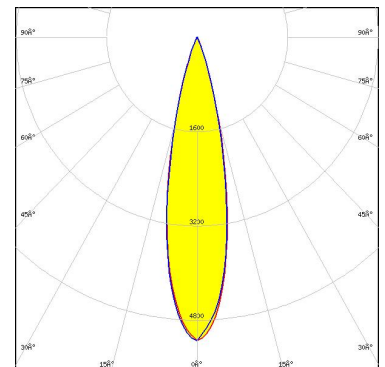
LED CLQ6A-TKW  
FWHM / FWTM 22.0 + 20.0° / 40.0°  
Efficiency 91 %  
Peak intensity 5.5 cd/Im  
LEDs/each optic 1  
Light colour/type RGBW  
Required components:



Light distribution files



LED J Series 5050 Round LES  
FWHM / FWTM 23.0° / 40.0°  
Efficiency 92 %  
Peak intensity 5.2 cd/Im  
LEDs/each optic 1  
Light colour/type White  
Required components:

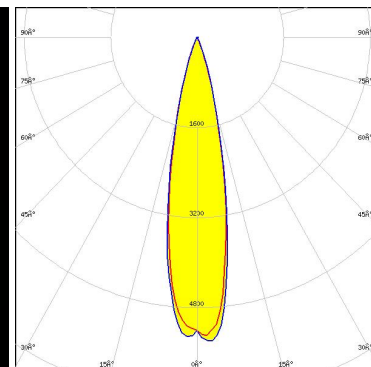
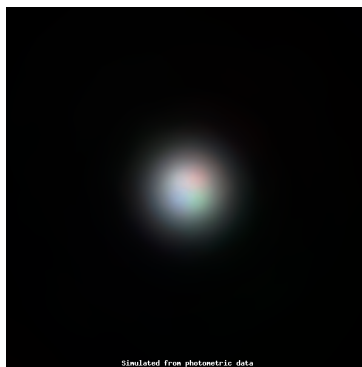


Light distribution files

### OPTICAL RESULTS (SIMULATED):



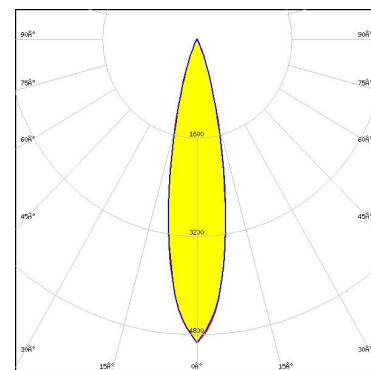
LED XE-G  
FWHM / FWTM 22.0° / 40.0°  
Efficiency 92 %  
Peak intensity 5.4 cd/Im  
LEDs/each optic 4  
Light colour/type RGBW  
Required components:



Light distribution files



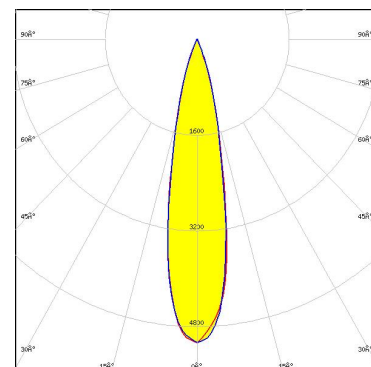
LED XHP35.2 HD  
FWHM / FWTM 22.0° / 40.0°  
Efficiency 88 %  
Peak intensity 4.9 cd/Im  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



LED XHP50.2  
FWHM / FWTM 22.0° / 40.0°  
Efficiency 89 %  
Peak intensity 5.1 cd/Im  
LEDs/each optic 1  
Light colour/type White  
Required components:

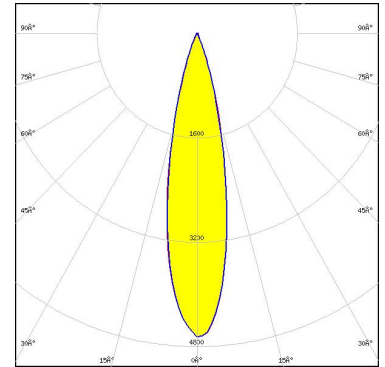


Light distribution files

### OPTICAL RESULTS (SIMULATED):



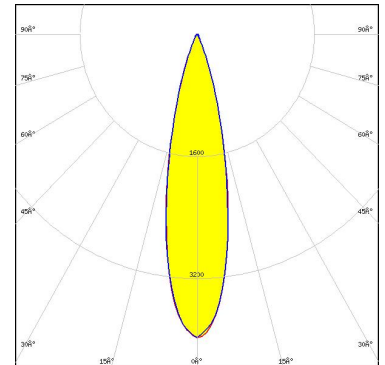
LED XHP50.3 HD  
FWHM / FWTM 22.0° / 42.0°  
Efficiency 88 %  
Peak intensity 4.7 cd/Im  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



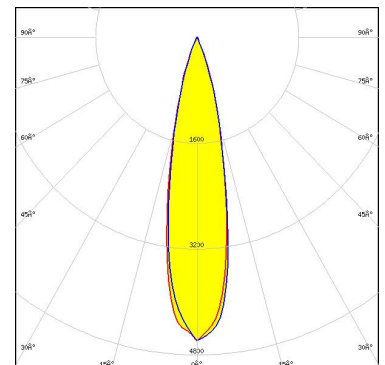
LED XHP70.2  
FWHM / FWTM 24.0° / 44.0°  
Efficiency 87 %  
Peak intensity 4 cd/Im  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



LED XM-L RGBW (XMLCTW)  
FWHM / FWTM 23.0° / 42.0°  
Efficiency 85 %  
Peak intensity 4.5 cd/Im  
LEDs/each optic 1  
Light colour/type White  
Required components:

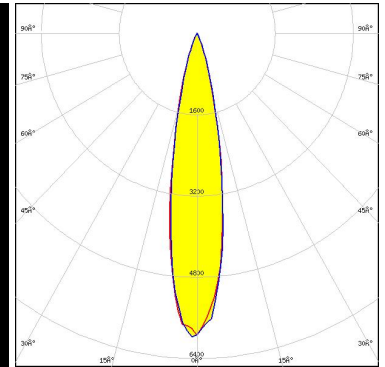


Light distribution files

### OPTICAL RESULTS (SIMULATED):



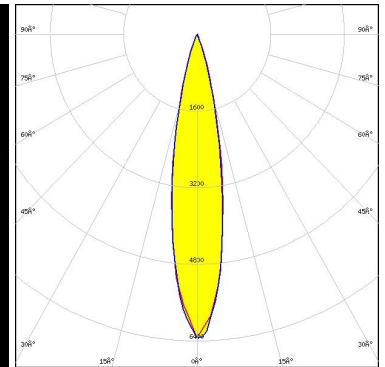
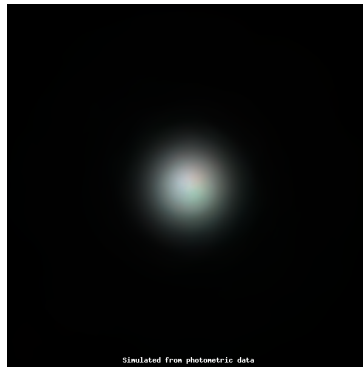
LED XM-L RGBW (XMLDCL HD)  
 FWHM / FWTM 20.0° / 39.0 + 38.0°  
 Efficiency 92 %  
 Peak intensity 6 cd/Im  
 LEDs/each optic 1  
 Light colour/type RGBW  
 Required components:



Light distribution files



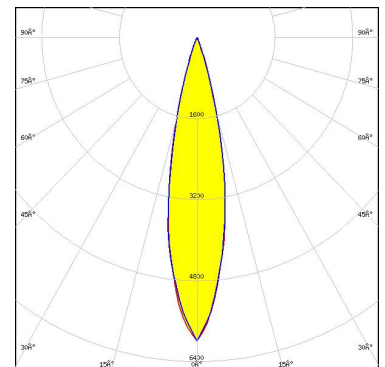
LED XM-L RGBW (XMLDCL HI)  
 FWHM / FWTM 20.0° / 38.0°  
 Efficiency 92 %  
 Peak intensity 6.3 cd/Im  
 LEDs/each optic 1  
 Light colour/type RGBW  
 Required components:



Light distribution files



LED XP-E2  
 FWHM / FWTM 22.0° / 38.0°  
 Efficiency 92 %  
 Peak intensity 6 cd/Im  
 LEDs/each optic 1  
 Light colour/type Amber  
 Required components:



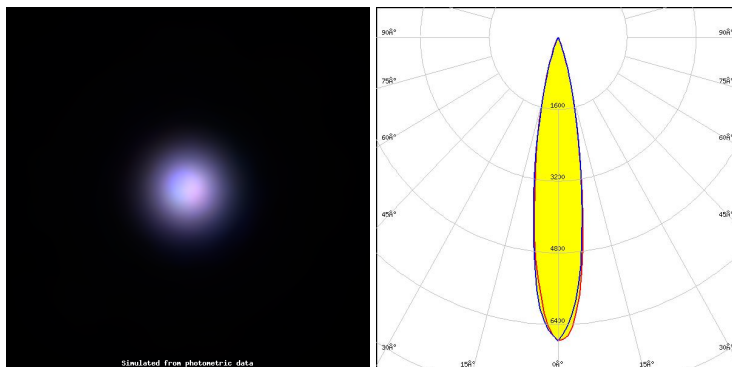
Light distribution files



### OPTICAL RESULTS (SIMULATED):



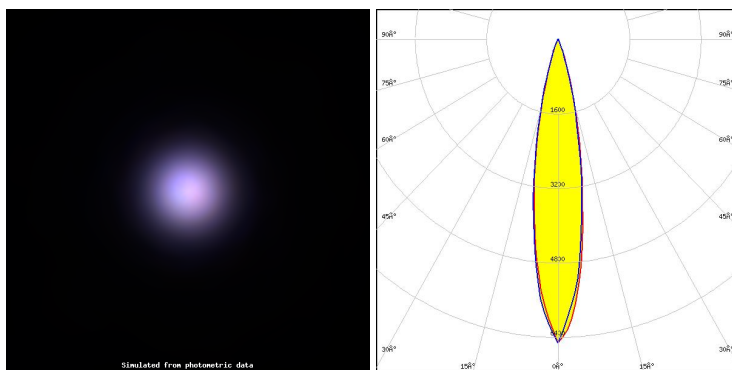
LED XP-L RGBW HD  
FWHM / FWTM 18.0° / 36.0°  
Efficiency 92 %  
Peak intensity 6.8 cd/Im  
LEDs/each optic 1  
Light colour/type RGBW  
Required components:



Light distribution files



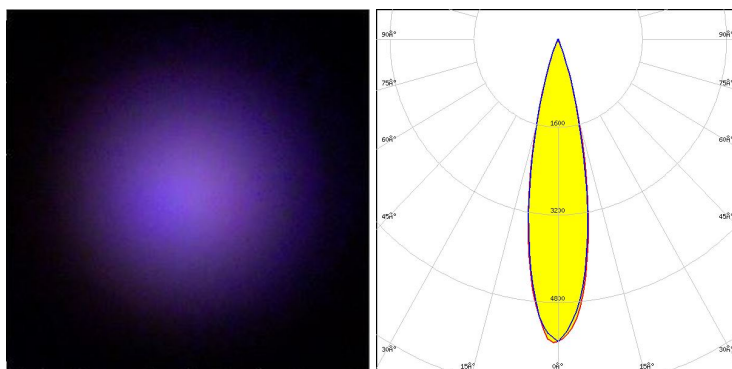
LED XP-L RGBW HI  
FWHM / FWTM 19.0° / 37.0 + 36.0°  
Efficiency 91 %  
Peak intensity 6.5 cd/Im  
LEDs/each optic 1  
Light colour/type RGBW  
Required components:



Light distribution files



LED LZ7 Plus (LZ7-04M2PD)  
FWHM / FWTM 23.0° / 39.0°  
Efficiency 93 %  
Peak intensity 5.5 cd/Im  
LEDs/each optic 1  
Light colour/type White  
Required components:



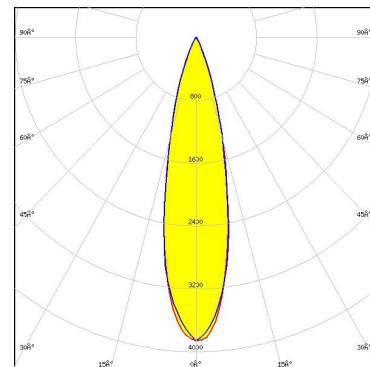
Light distribution files



### OPTICAL RESULTS (SIMULATED):



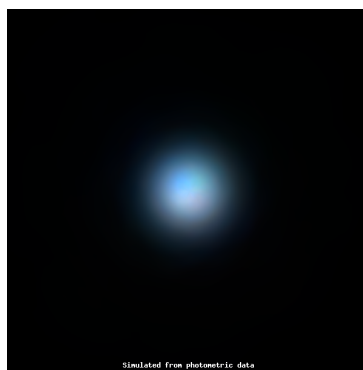
LED LUXEON C  
FWHM / FWTM 24.0°  
Efficiency 86 %  
Peak intensity 4 cd/Im  
LEDs/each optic 4  
Light colour/type RGBW  
Required components:



Light distribution files



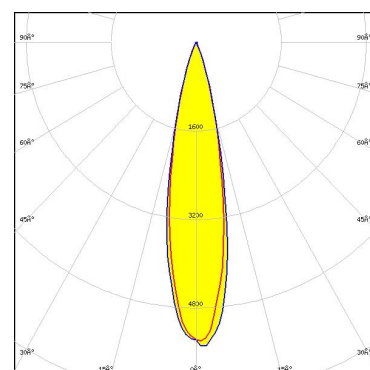
LED LUXEON Rubix  
FWHM / FWTM 20.0 + 22.0° / 38.0°  
Efficiency 93 %  
Peak intensity 6 cd/Im  
LEDs/each optic 4  
Light colour/type RGBW  
Required components:



Light distribution files



LED DURIS E 5050 (GW J9LHS1.4M)  
FWHM / FWTM 20.0 + 22.0° / 39.0 + 40.0°  
Efficiency 91 %  
Peak intensity 5.6 cd/Im  
LEDs/each optic 1  
Light colour/type RGBW  
Required components:

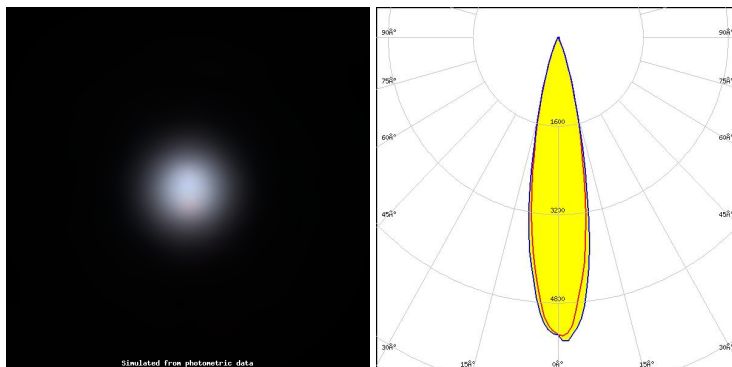


Light distribution files

### OPTICAL RESULTS (SIMULATED):

**OSRAM**  
Opto Semiconductors

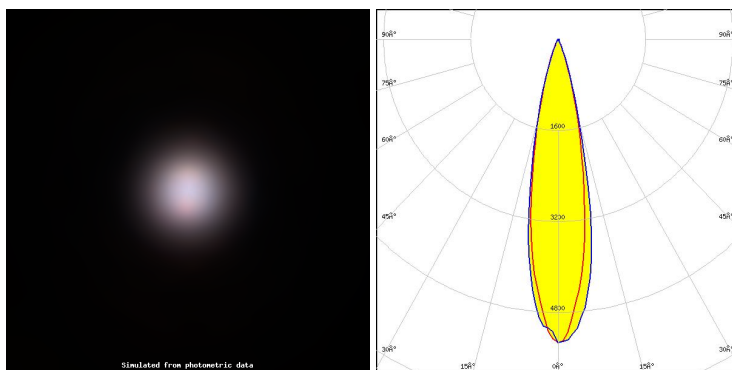
LED DURIS E 5050 (GW J9LHS1.4M)  
FWHM / FWTM 21.0 + 22.0° / 40.0°  
Efficiency 91 %  
Peak intensity 5.5 cd/lm  
LEDs/each optic 1  
Light colour/type RGBW  
Required components:



Light distribution files

**OSRAM**  
Opto Semiconductors

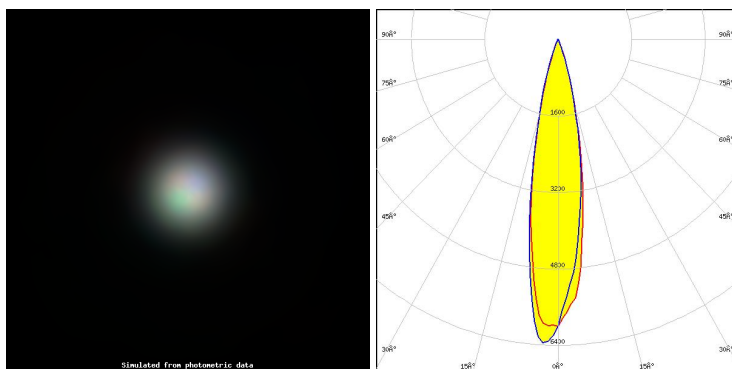
LED DURIS E 5050 (GW J9LHS2.4M)  
FWHM / FWTM 20.0 + 23.0° / 40.0°  
Efficiency 91 %  
Peak intensity 5.4 cd/lm  
LEDs/each optic 1  
Light colour/type RGBW  
Required components:



Light distribution files

**OSRAM**  
Opto Semiconductors

LED OSOLON Pure 1414  
FWHM / FWTM 21.0 + 20.0° / 38.0°  
Efficiency 93 %  
Peak intensity 6.4 cd/lm  
LEDs/each optic 4  
Light colour/type RGBW  
Required components:

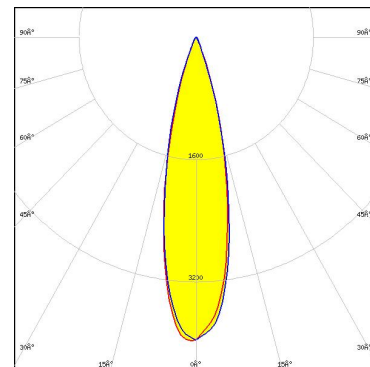


Light distribution files

### OPTICAL RESULTS (SIMULATED):

**OSRAM**  
Opto Semiconductors

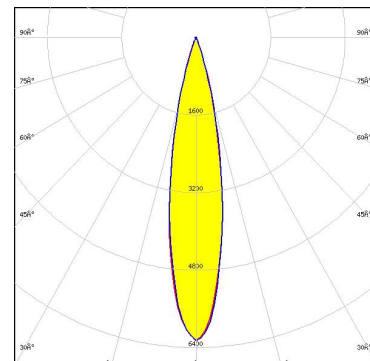
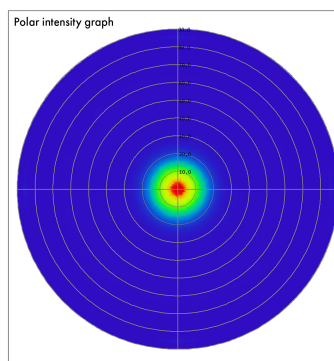
LED OSTAR Stage (S2WP)  
FWHM / FWTM 25.0°  
Efficiency 86 %  
Peak intensity 4 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files

**OSRAM**  
Opto Semiconductors

LED SFH 4717AS  
FWHM / FWTM 20.0° / 36.0°  
Efficiency 92 %  
LEDs/each optic 1  
Light colour/type IR  
Required components:



Light distribution files

### 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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P.R.CHINA

#### Local sales and technical support

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where\\_to\\_buy](http://www.ledil.com/where_to_buy)

#### Shipping locations

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