

## GABRIELLA-MIDI-W

~35° spot beam with holder and installation tape

### SPECIFICATION:

|                |   |
|----------------|---|
| Dimensions     | Ø 37.5 mm   |
| Height         | 24.2 mm   |
| Fastening      | tape, pin   |
| ROHS compliant | yes  |

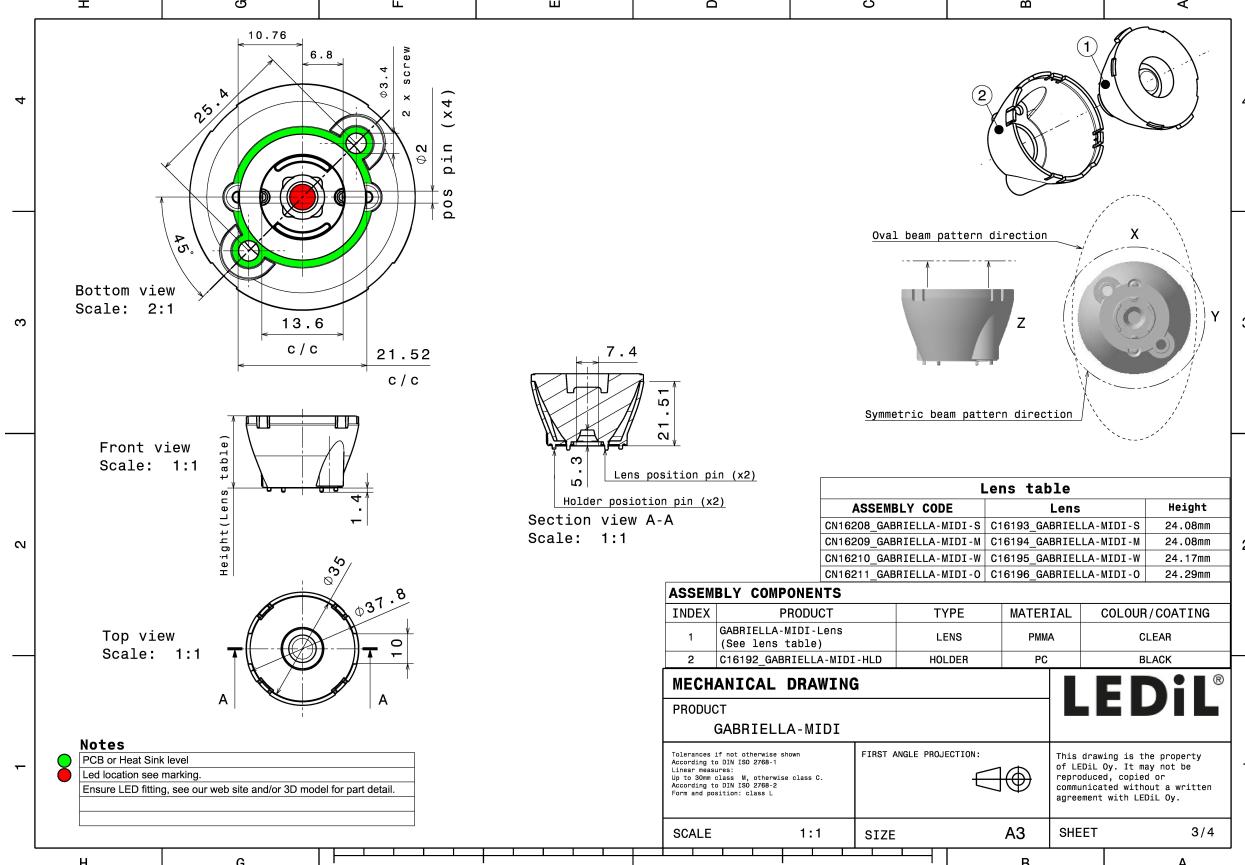
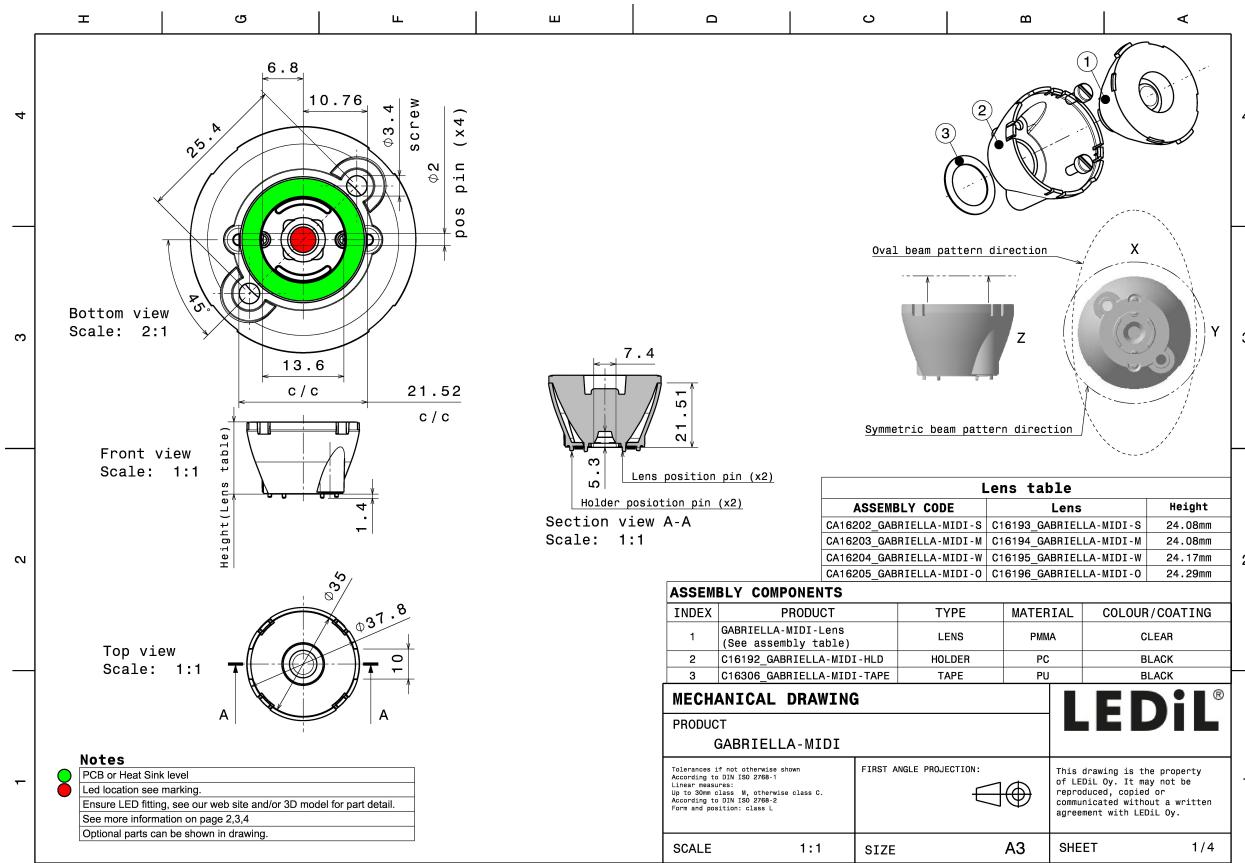


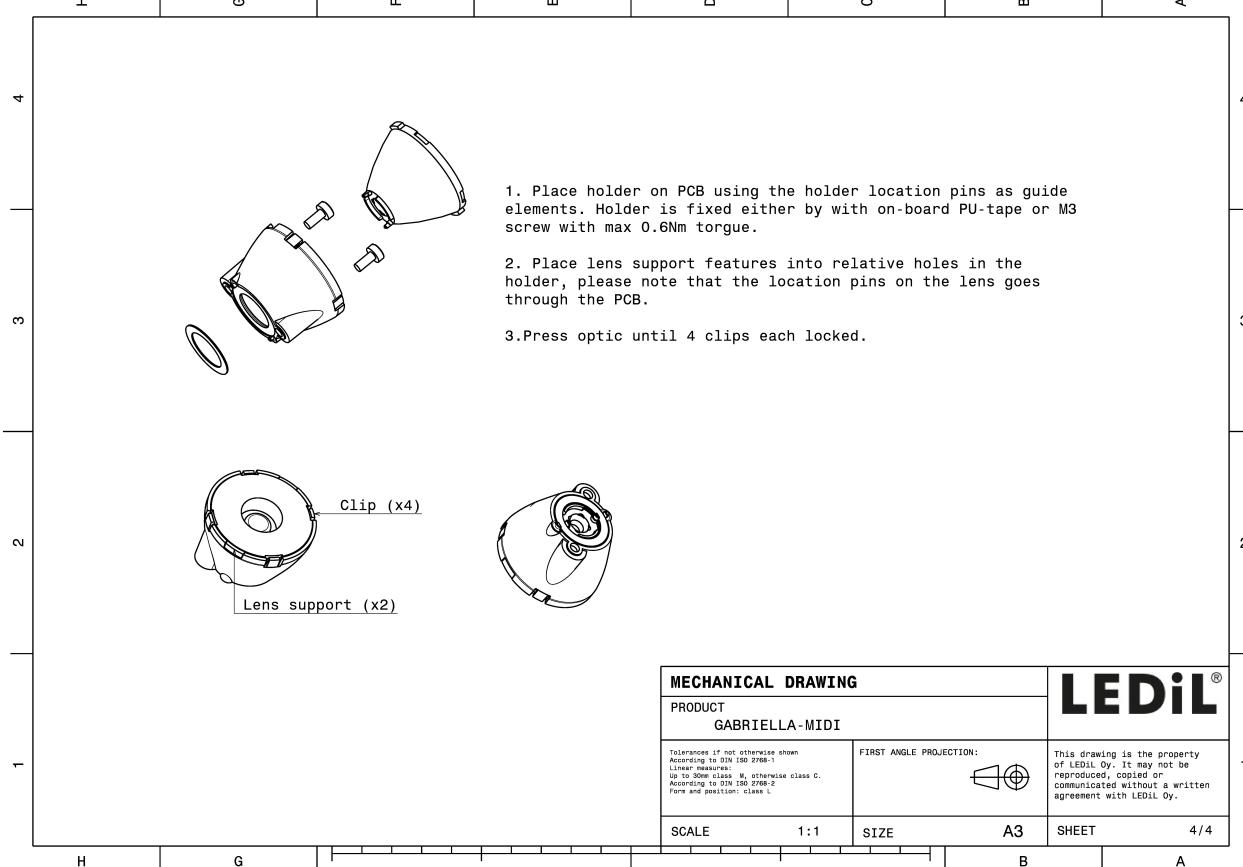
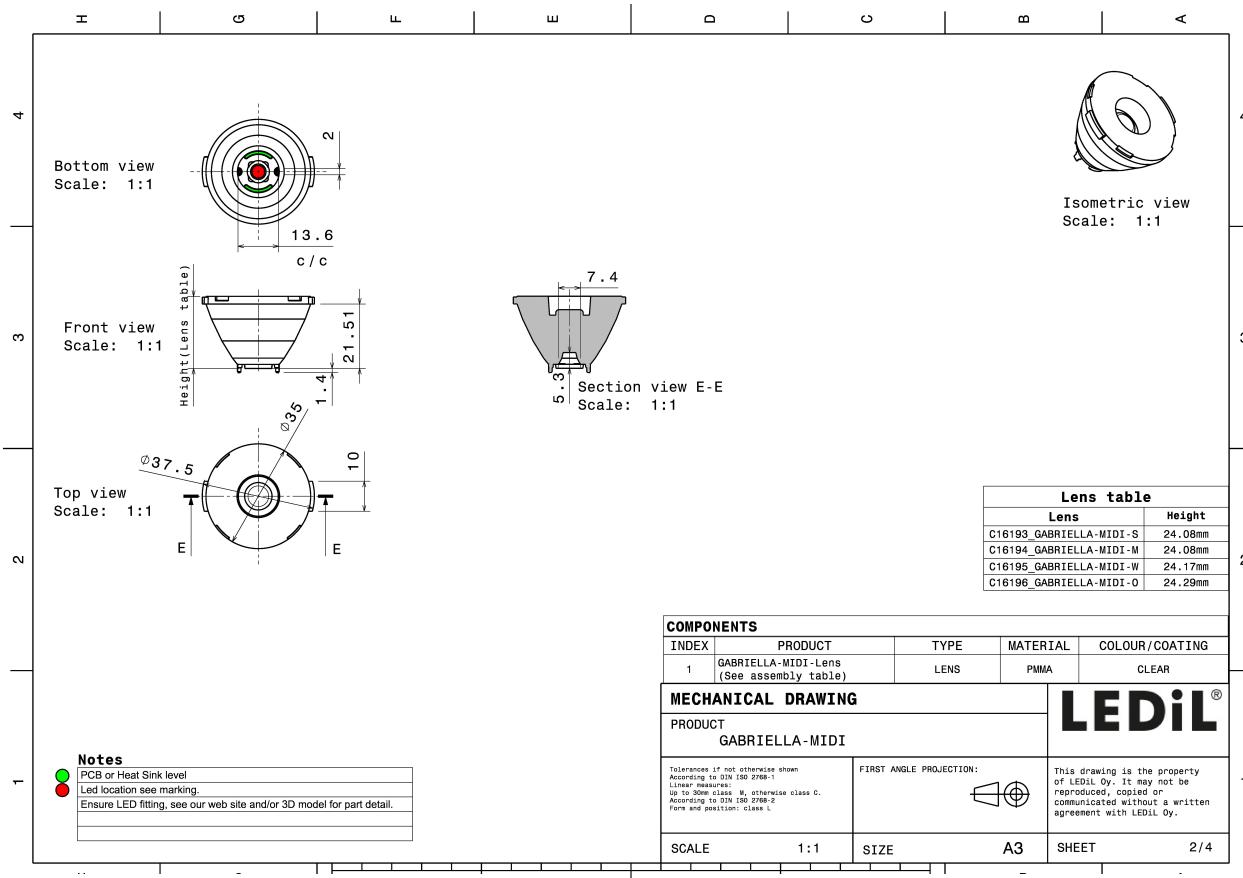
### MATERIALS:

| Component          | Type        | Material | Colour | Finish |
|--------------------|-------------|----------|--------|--------|
| GABRIELLA-MIDI-W   | Single lens | PMMA     | clear  |        |
| GABRIELLA-MIDI-HLD | Assembly    | PC       | black  |        |

### ORDERING INFORMATION:

| Component  | Qty in box  | MOQ | MPQ | Box weight (kg) |      |
|--|-------------|-----|-----|-----------------|------|
| CA16204_GABRIELLA-MIDI-W<br>» Box size: 476 x 273 x 292 mm | Single lens | 500 | 100 | 50              | 11.5 |



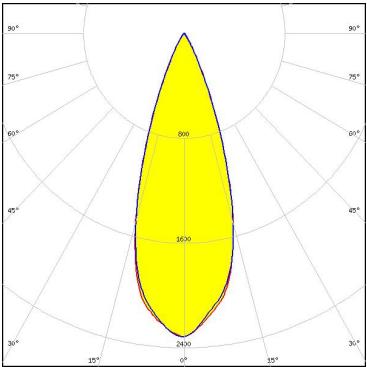
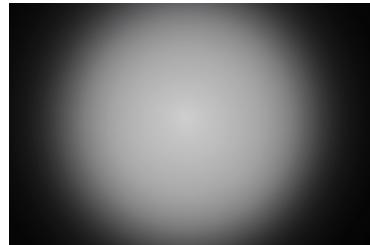


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

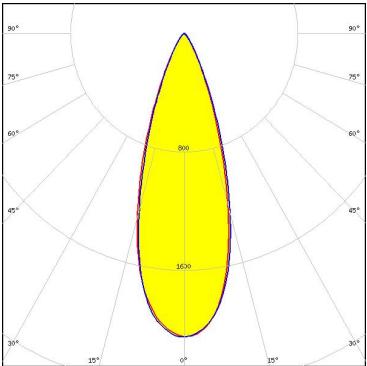
## OPTICAL RESULTS (MEASURED):



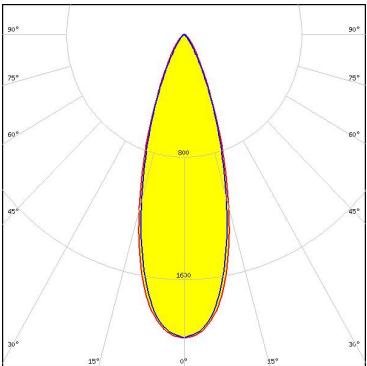
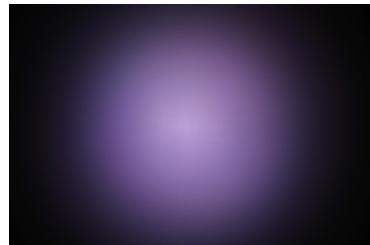
LED XHP35 HI  
FWHM / FWTM 35.0° / 56.0°  
Efficiency 86 %  
Peak intensity 2.3 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



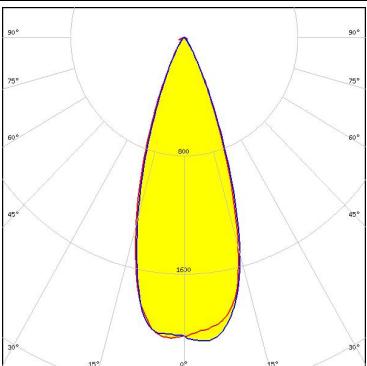
LED XHP50.2  
FWHM / FWTM 34.0° / 59.0°  
Efficiency 82 %  
Peak intensity 2.1 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



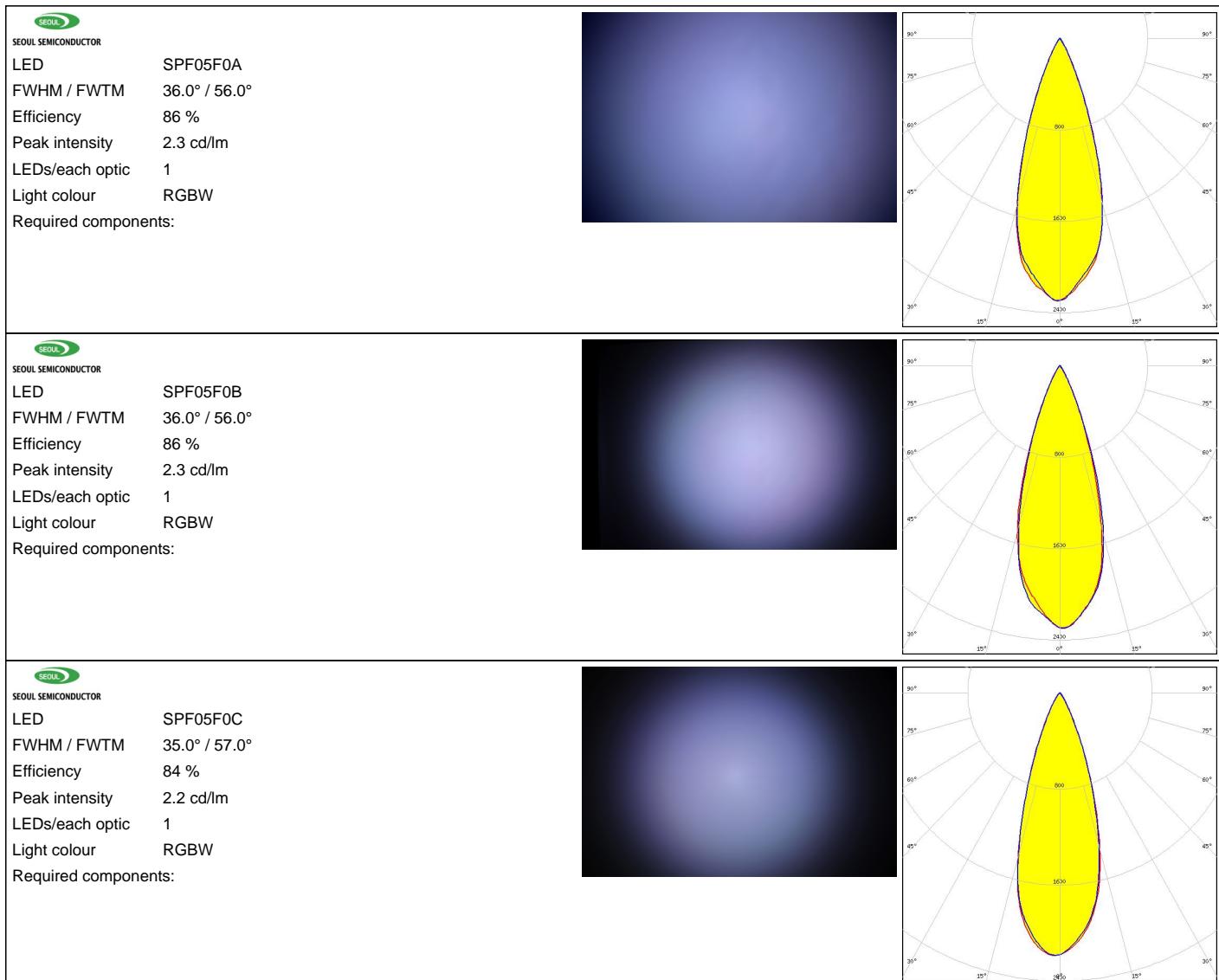
LED XM-L RGBW (XMLDCL HI)  
FWHM / FWTM 33.0° / 61.0°  
Efficiency 82 %  
Peak intensity 2 cd/lm  
LEDs/each optic 1  
Light colour RGBW  
Required components:



LED OSTAR Stage (S2WP)  
FWHM / FWTM 36.0° / 57.0°  
Efficiency 84 %  
Peak intensity 2.1 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



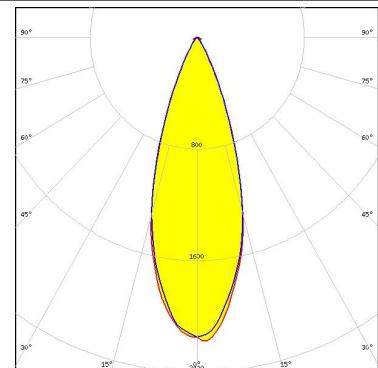
## OPTICAL RESULTS (MEASURED):



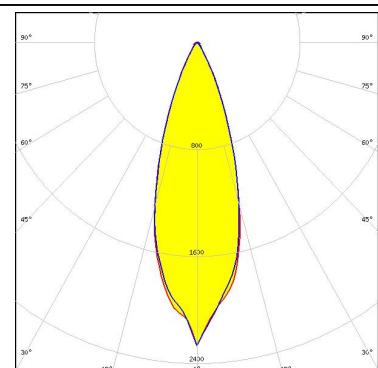
### OPTICAL RESULTS (SIMULATED):



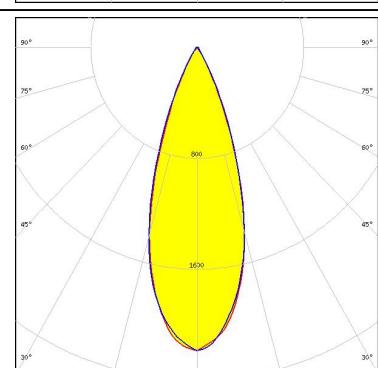
**LED** J Series 5050 Round LES  
**FWHM / FWTM** 34.0° / 58.0°  
**Efficiency** 84 %  
**Peak intensity** 2.2 cd/lm  
**LEDs/each optic** 1  
**Light colour** White  
**Required components:**



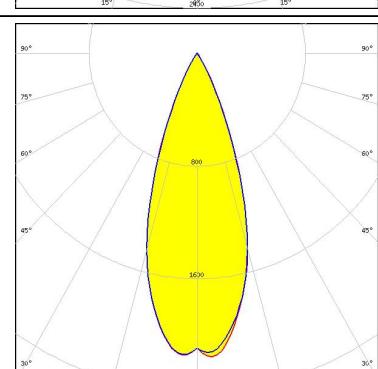
**LED** XHP50  
**FWHM / FWTM** 32.0° / 58.0°  
**Efficiency** 83 %  
**Peak intensity** 2.3 cd/lm  
**LEDs/each optic** 1  
**Light colour** White  
**Required components:**



**LED** XM-L RGBW (XMLCTW)  
**FWHM / FWTM** 36.0° / 58.0°  
**Efficiency** 85 %  
**Peak intensity** 2.2 cd/lm  
**LEDs/each optic** 1  
**Light colour** White  
**Required components:**



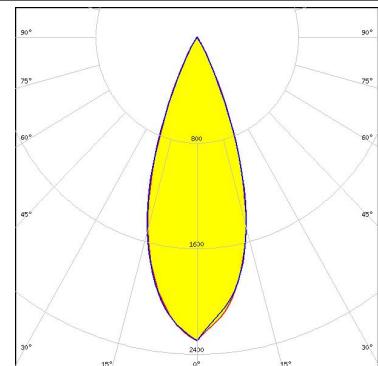
**LED** XM-L2  
**FWHM / FWTM** 37.0° / 58.0°  
**Efficiency** 85 %  
**Peak intensity** 2.2 cd/lm  
**LEDs/each optic** 1  
**Light colour** White  
**Required components:**



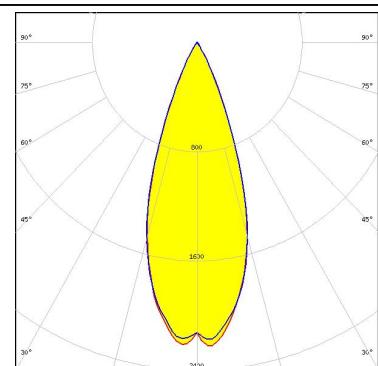
### OPTICAL RESULTS (SIMULATED):



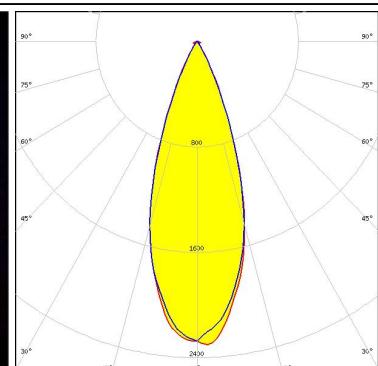
LED XP-G2  
 FWHM / FWTM 37.0° / 57.0°  
 Efficiency 86 %  
 Peak intensity 2.3 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



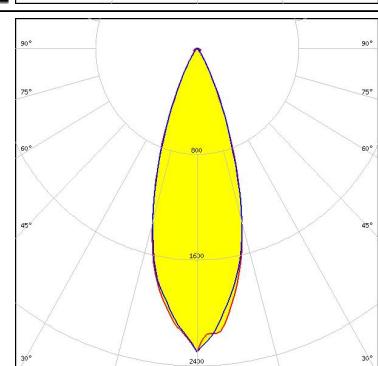
LED XP-G2 HE  
 FWHM / FWTM 38.0° / 56.0°  
 Efficiency 85 %  
 Peak intensity 2.2 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED LZ7 Plus (LZ7-04M2PD)  
 FWHM / FWTM 35.0° / 57.0°  
 Efficiency 87 %  
 Peak intensity 2.3 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



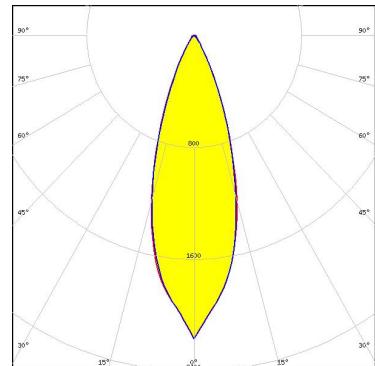
LED LUXEON 5050 Round LES  
 FWHM / FWTM 34.0° / 58.0°  
 Efficiency 85 %  
 Peak intensity 2.3 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



### OPTICAL RESULTS (SIMULATED):

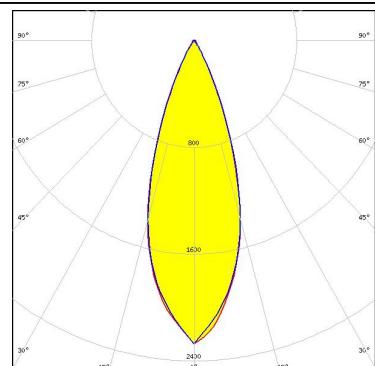
#### LUMILEDS

LED LUXEON M/MX  
FWHM / FWTM 33.0° / 59.0°  
Efficiency 82 %  
Peak intensity 2.2 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



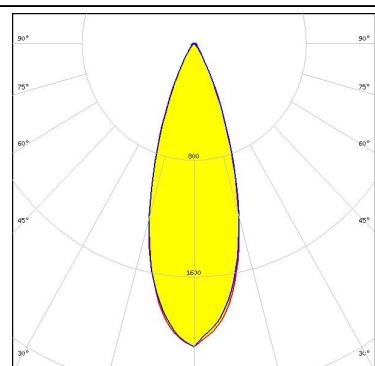
#### LUMILEDS

LED LUXEON MZ  
FWHM / FWTM 35.0° / 57.0°  
Efficiency 85 %  
Peak intensity 2.3 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



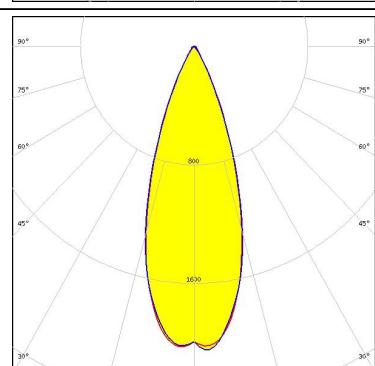
#### NICHIA

LED NV4x144A  
FWHM / FWTM 34.0° / 59.0°  
Efficiency 82 %  
Peak intensity 2.1 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



#### OSRAM

Opto Semiconductors  
LED Duris S8  
FWHM / FWTM 36.0° / 59.0°  
Efficiency 84 %  
Peak intensity 2.1 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



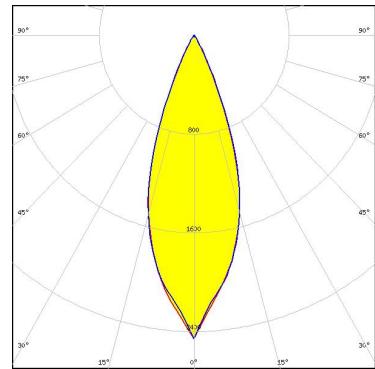
## OPTICAL RESULTS (SIMULATED):

### OSRAM

Opto Semiconductors

|                 |                 |
|-----------------|-----------------|
| LED             | OSLON Square EC |
| FWHM / FWTM     | 36.0° / 56.0°   |
| Efficiency      | 85 %            |
| Peak intensity  | 2.5 cd/lm       |
| LEDs/each optic | 1               |
| Light colour    | White           |

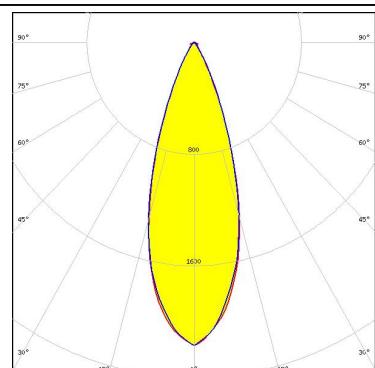
Required components:



### SAMSUNG

|                 |               |
|-----------------|---------------|
| LED             | LH502D        |
| FWHM / FWTM     | 34.0° / 58.0° |
| Efficiency      | 84 %          |
| Peak intensity  | 2.2 cd/lm     |
| LEDs/each optic | 1             |
| Light colour    | White         |

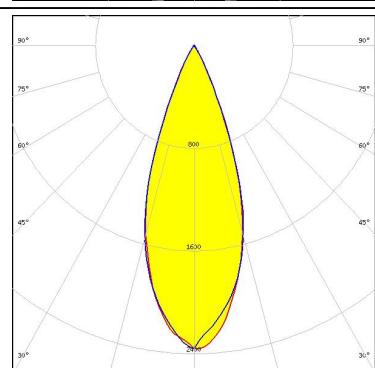
Required components:



### SAMSUNG

|                 |               |
|-----------------|---------------|
| LED             | LM28xB Series |
| FWHM / FWTM     | 38.0° / 56.0° |
| Efficiency      | 88 %          |
| Peak intensity  | 2.4 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.

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

**Ledil Optics Technology  
(Shenzhen) Co., Ltd.**  
# 405 , Block B  
Casic Motor Building  
Shenzhen 518057  
P.R.CHINA

**Local sales and technical  
support**  
[www.ledil.com/](http://www.ledil.com/)  
where\_to\_buy

**Shipping locations**  
Salo, Finland  
Hong Kong, China

**Distribution Partners**  
[www.ledil.com/](http://www.ledil.com/)  
where\_to\_buy