

## GABRIELLA-MIDI-W

~35° spot beam with holder and installation tape

## SPECIFICATION:

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

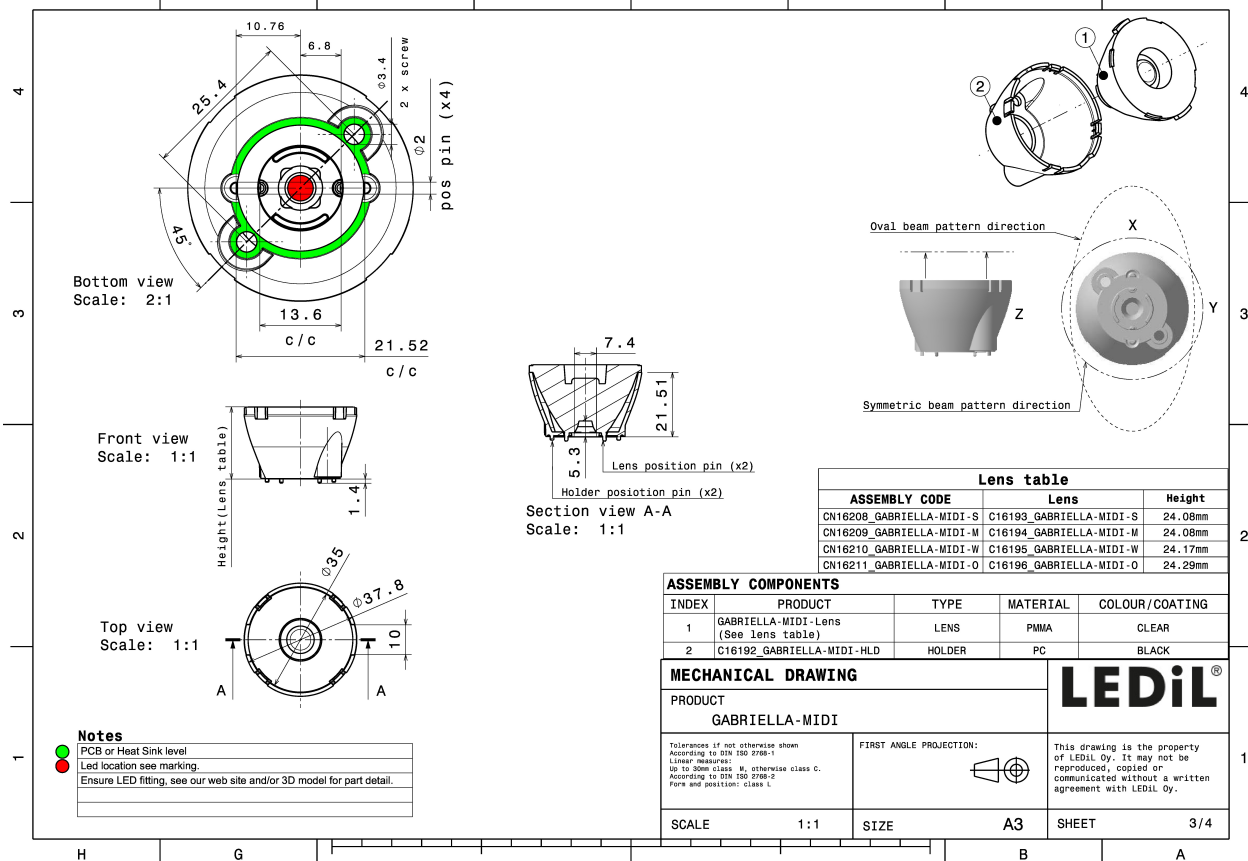
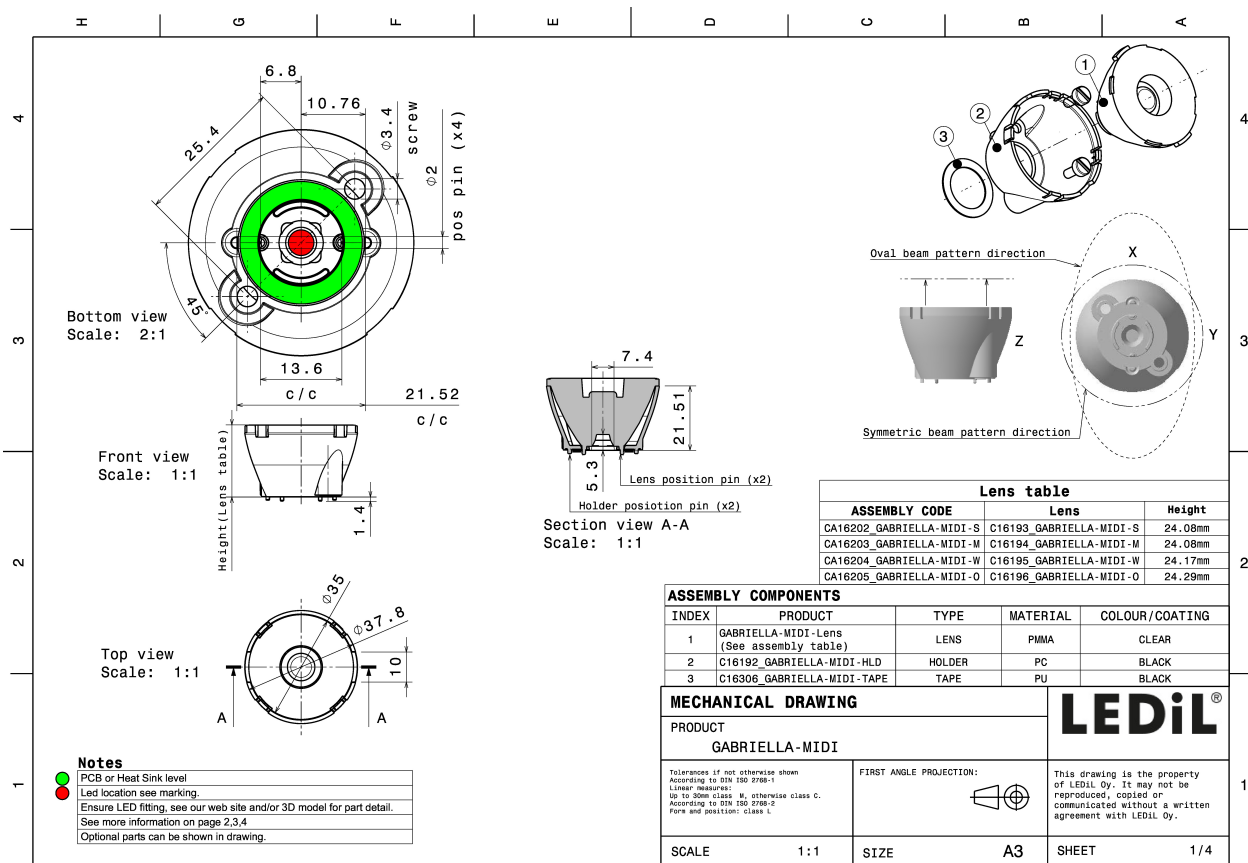
## MATERIALS:

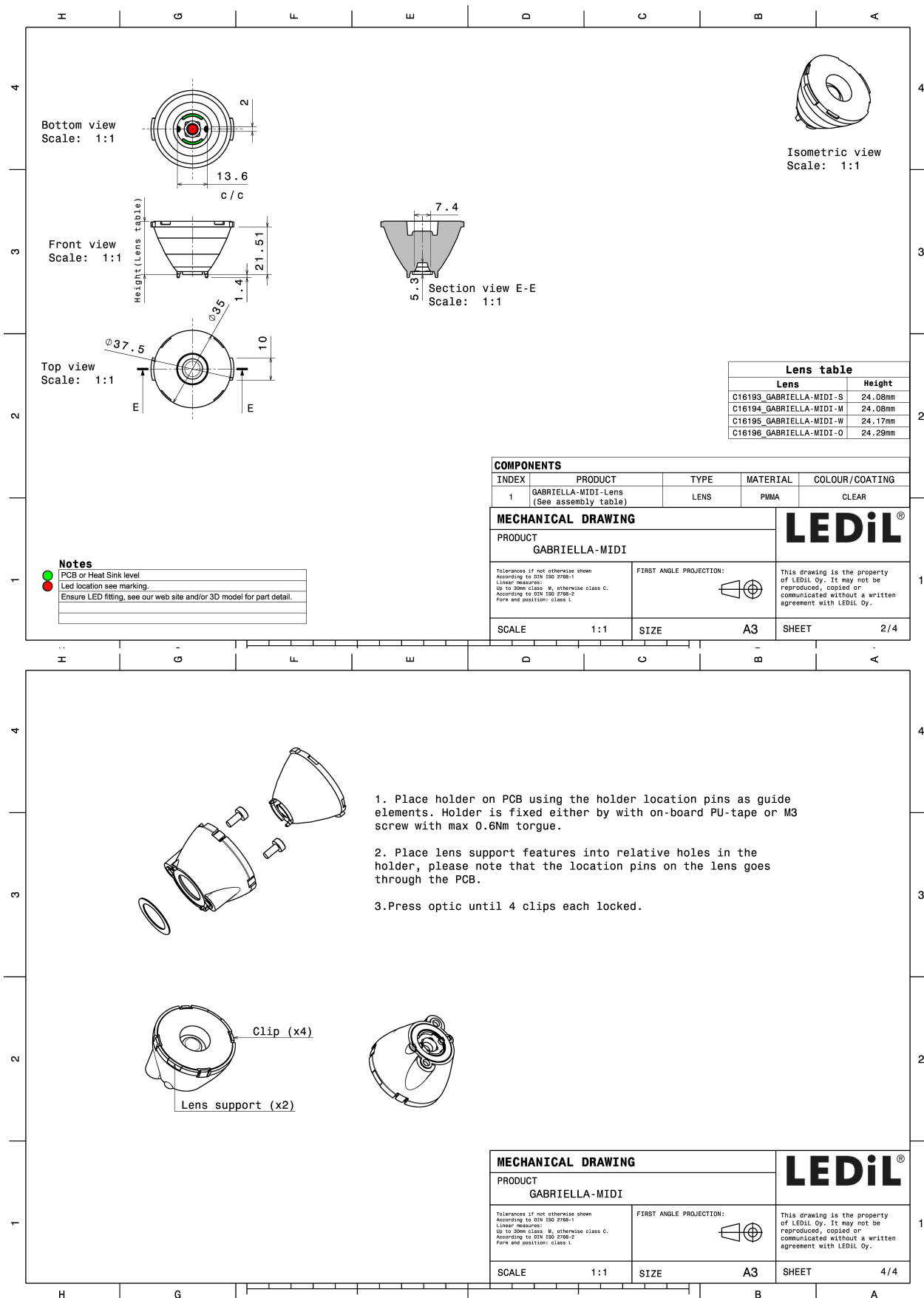
Component	Type	Material	Colour	Finish	Length (mm)
GABRIELLA-MIDI-W	Single lens	PMMA	clear		
GABRIELLA-MIDI-HLD	Holder	PC	black		
GABRIELLA-MIDI-HLD	Tape	Acryl tape	black		

## ORDERING INFORMATION:

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





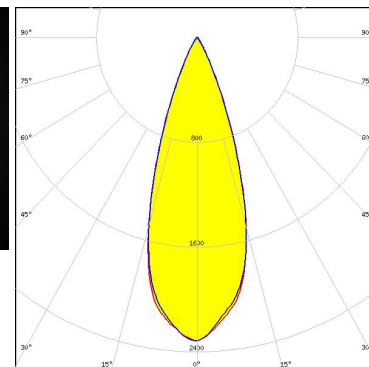
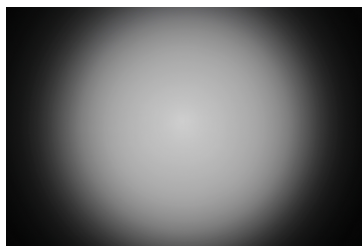


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

#### OPTICAL RESULTS (MEASURED):



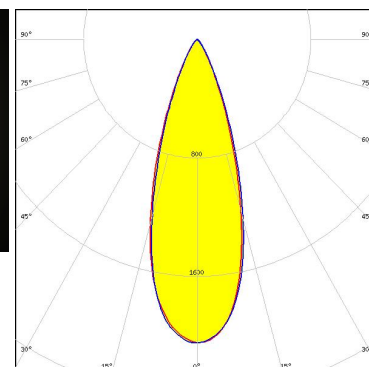
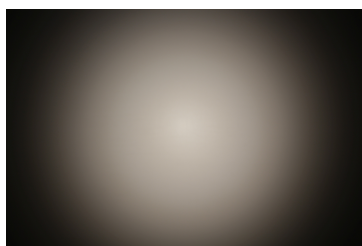
LED XHP35 HI  
FWHM / FWTM 35.0° / 56.0°  
Efficiency 86 %  
Peak intensity 2.3 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



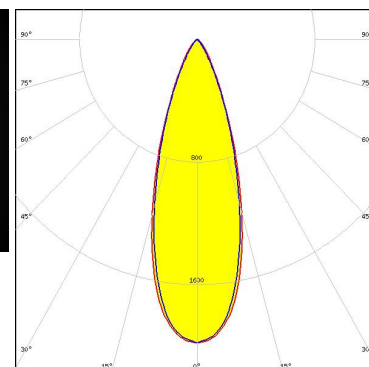
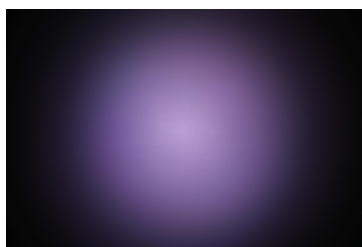
LED XHP50.2  
FWHM / FWTM 34.0° / 59.0°  
Efficiency 82 %  
Peak intensity 2.1 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



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/type RGBW  
Required components:

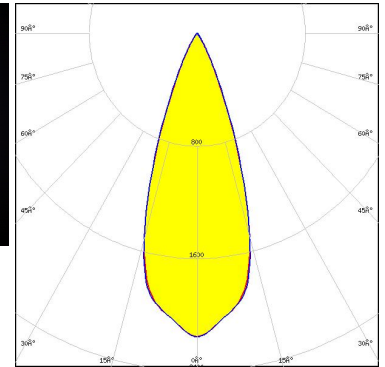
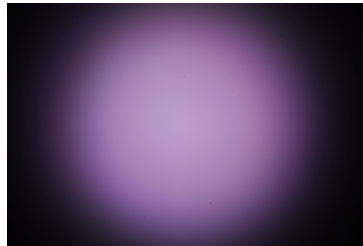


Light distribution files

#### OPTICAL RESULTS (MEASURED):



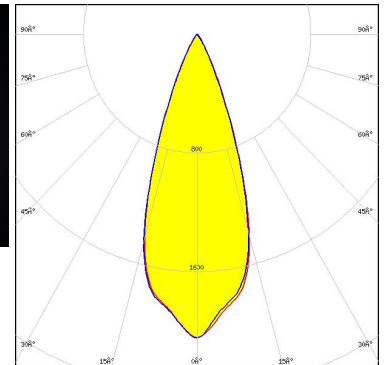
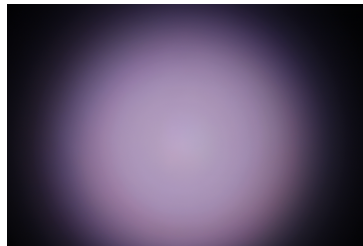
LED XP-L RGBW HD  
 FWHM / FWTM 37.0° / 56.0°  
 Efficiency 85 %  
 Peak intensity 2.2 cd/lm  
 LEDs/each optic 1  
 Light colour/type RGBW  
 Required components:



Light distribution files



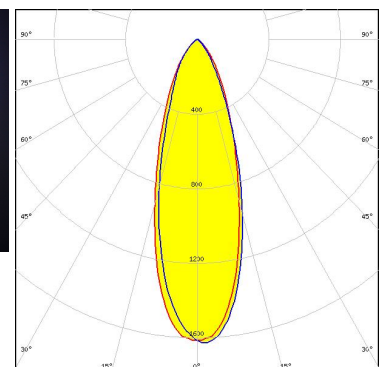
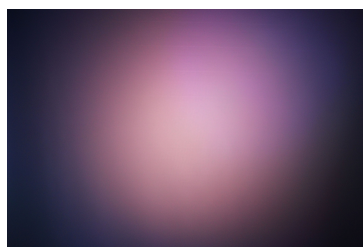
LED XP-L RGBW HI  
 FWHM / FWTM 37.0° / 56.0°  
 Efficiency 80 %  
 Peak intensity 2 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



LED OSLO Pure 1414  
 FWHM / FWTM 33.0° / 72.0°  
 Efficiency 78 %  
 Peak intensity 1.7 cd/lm  
 LEDs/each optic 4  
 Light colour/type RGBW  
 Required components:

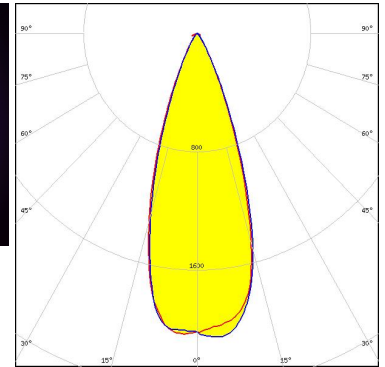
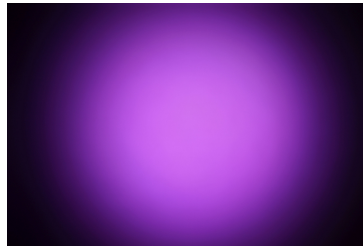


Light distribution files

#### OPTICAL RESULTS (MEASURED):



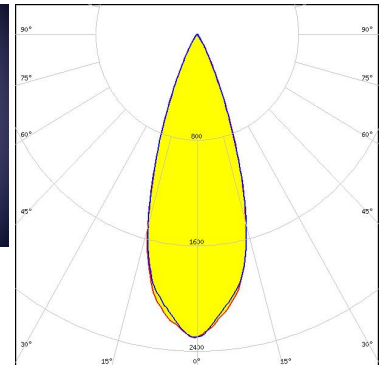
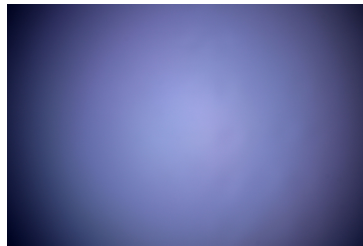
LED OSTAR Stage (S2WP)  
 FWHM / FWTM 36.0° / 57.0°  
 Efficiency 84 %  
 Peak intensity 2.1 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



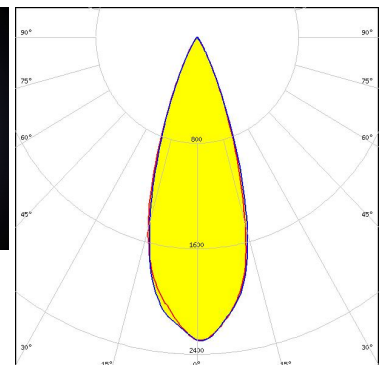
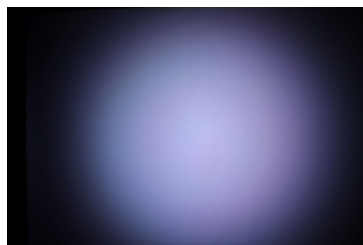
LED SPF05F0A  
 FWHM / FWTM 36.0° / 56.0°  
 Efficiency 86 %  
 Peak intensity 2.3 cd/lm  
 LEDs/each optic 1  
 Light colour/type RGBW  
 Required components:



Light distribution files

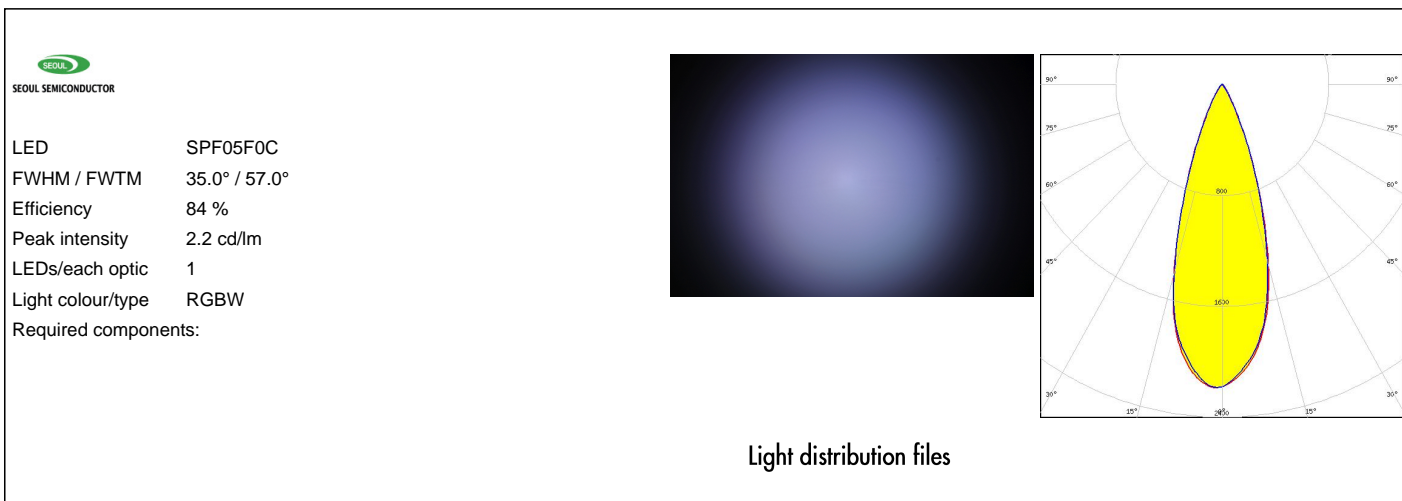


LED SPF05F0B  
 FWHM / FWTM 36.0° / 56.0°  
 Efficiency 86 %  
 Peak intensity 2.3 cd/lm  
 LEDs/each optic 1  
 Light colour/type RGBW  
 Required components:



Light distribution files

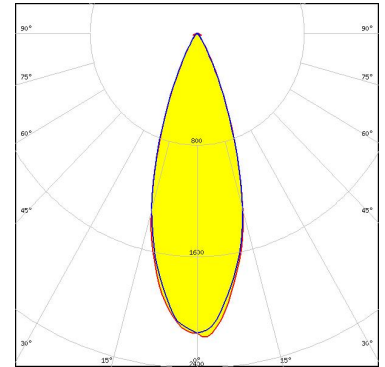
### OPTICAL RESULTS (MEASURED):



#### OPTICAL RESULTS (SIMULATED):



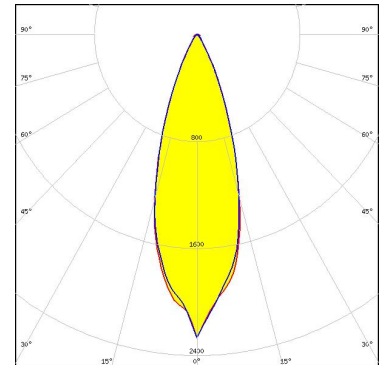
LED J Series 5050 Round LES  
 FWHM / FWTM 34.0° / 58.0°  
 Efficiency 84 %  
 Peak intensity 2.2 cd/Im  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



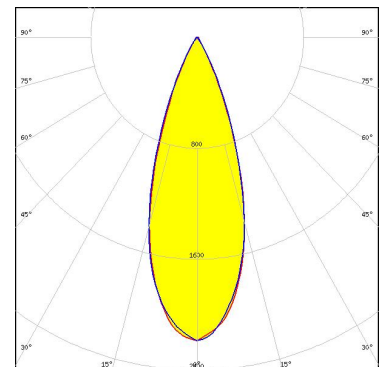
LED XHP50  
 FWHM / FWTM 32.0° / 58.0°  
 Efficiency 83 %  
 Peak intensity 2.3 cd/Im  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



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

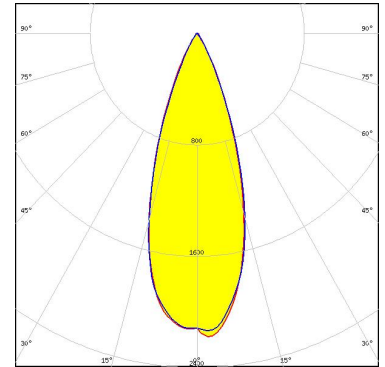


Light distribution files

#### OPTICAL RESULTS (SIMULATED):



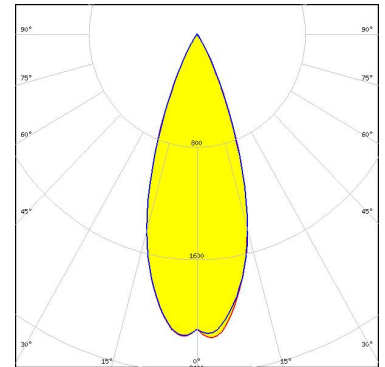
LED	XM-L RGBW (XMLDCL HD)
FWHM / FWTM	36.0° / 58.0°
Efficiency	85 %
Peak intensity	2.2 cd/lm
LEDs/each optic	1
Light colour/type	RGBW
Required components:	



Light distribution files



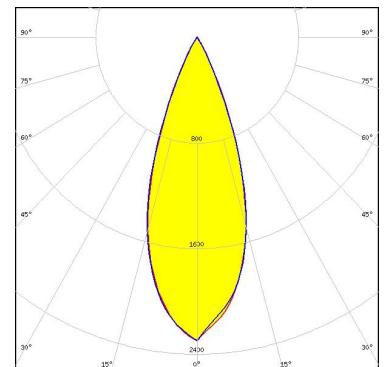
LED	XM-L2
FWHM / FWTM	37.0° / 58.0°
Efficiency	85 %
Peak intensity	2.2 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files



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

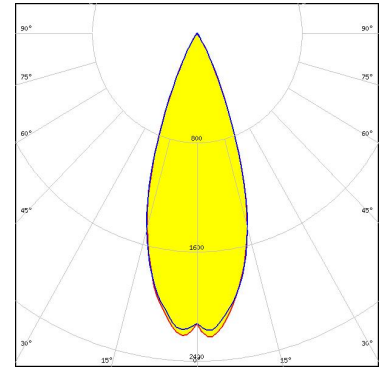


Light distribution files

#### OPTICAL RESULTS (SIMULATED):



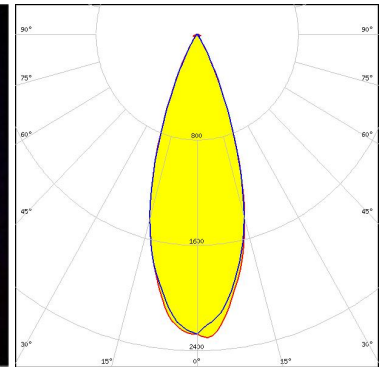
LED XP-G2 HE  
FWHM / FWTM 38.0° / 56.0°  
Efficiency 85 %  
Peak intensity 2.2 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



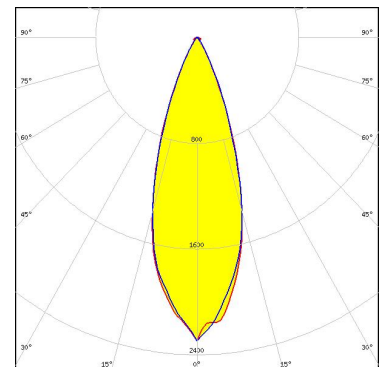
LED LZ7 Plus (LZ7-04M2PD)  
FWHM / FWTM 35.0° / 57.0°  
Efficiency 87 %  
Peak intensity 2.3 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



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/type White  
Required components:

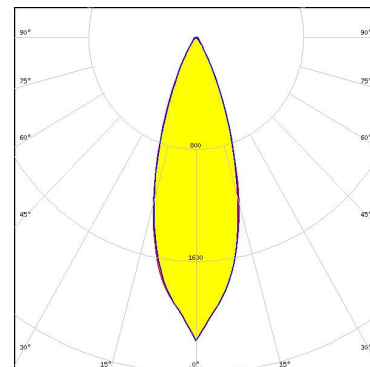


Light distribution files

#### OPTICAL RESULTS (SIMULATED):



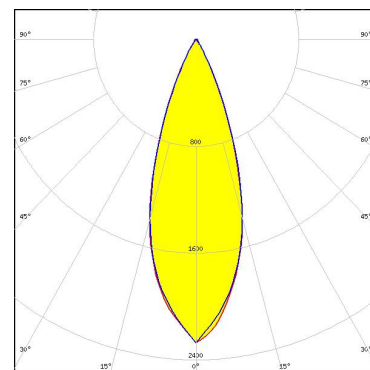
LED LUXEON M/MX  
 FWHM / FWTM 33.0° / 59.0°  
 Efficiency 82 %  
 Peak intensity 2.2 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



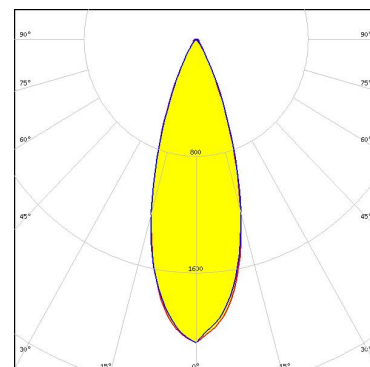
LED LUXEON MZ  
 FWHM / FWTM 35.0° / 57.0°  
 Efficiency 85 %  
 Peak intensity 2.3 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



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

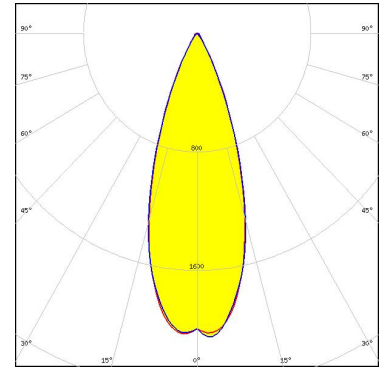


Light distribution files

#### OPTICAL RESULTS (SIMULATED):

**OSRAM**  
Opto Semiconductors

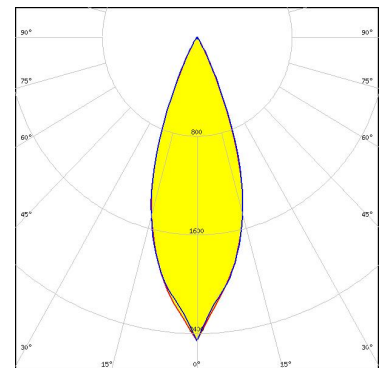
LED Duris S8  
FWHM / FWTM 36.0° / 59.0°  
Efficiency 84 %  
Peak intensity 2.1 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files

**OSRAM**  
Opto Semiconductors

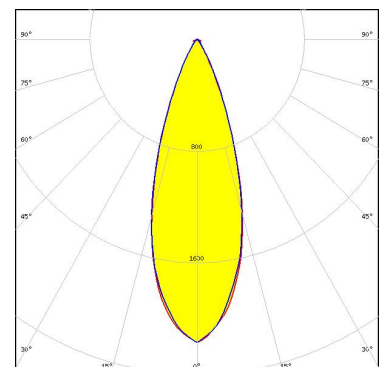
LED OSLO Square EC  
FWHM / FWTM 36.0° / 56.0°  
Efficiency 85 %  
Peak intensity 2.5 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files

**SAMSUNG**

LED LH502D  
FWHM / FWTM 34.0° / 58.0°  
Efficiency 84 %  
Peak intensity 2.2 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

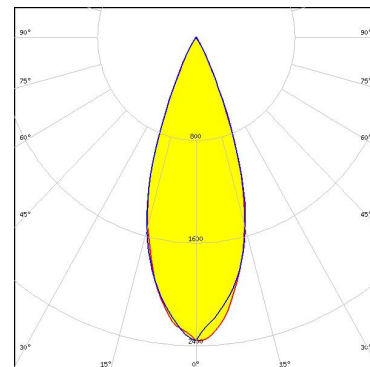


Light distribution files

### OPTICAL RESULTS (SIMULATED):

#### SAMSUNG

LED	LM28xB Series
FWHM / FWTM	38.0° / 56.0°
Efficiency	88 %
Peak intensity	2.4 cd/lm
LEDs/each optic	1
Light colour/type	White
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.

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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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