

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 ⓘ

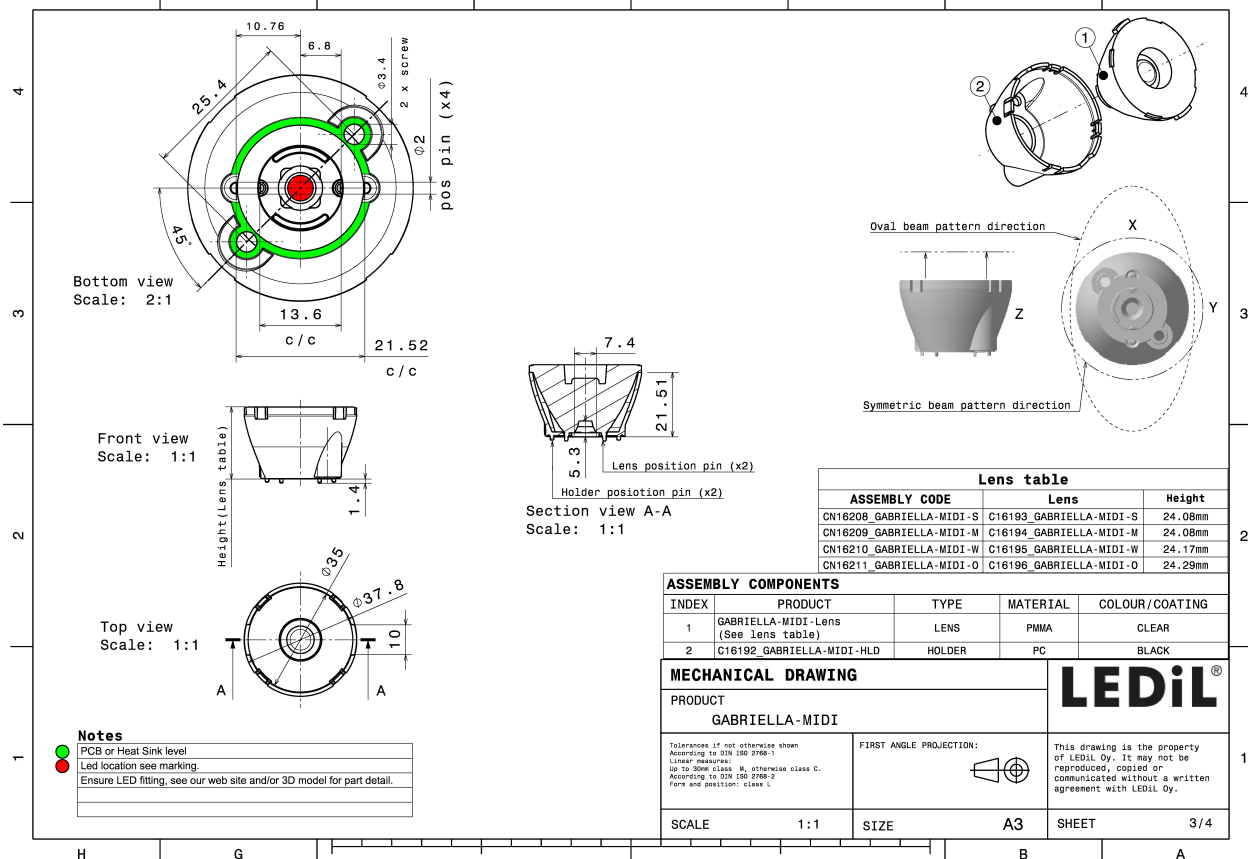
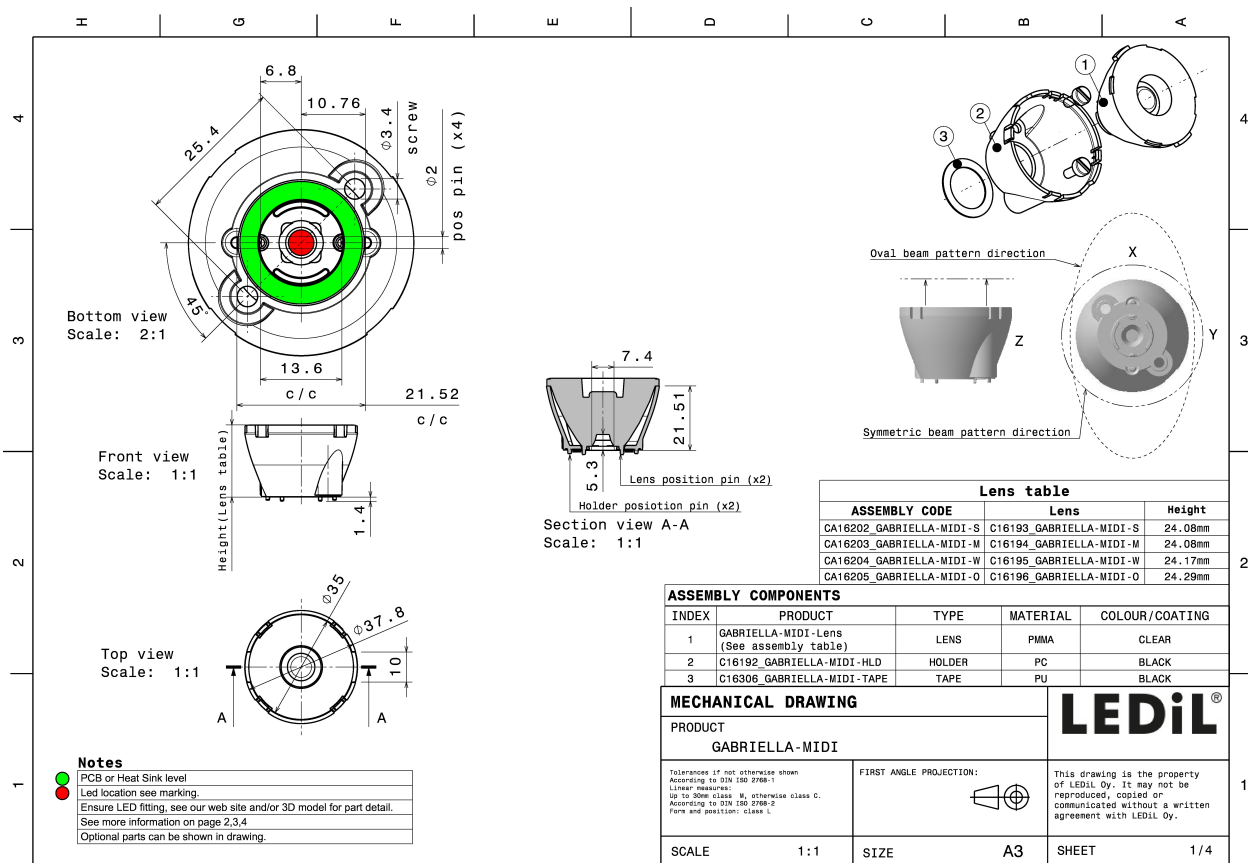
MATERIALS:

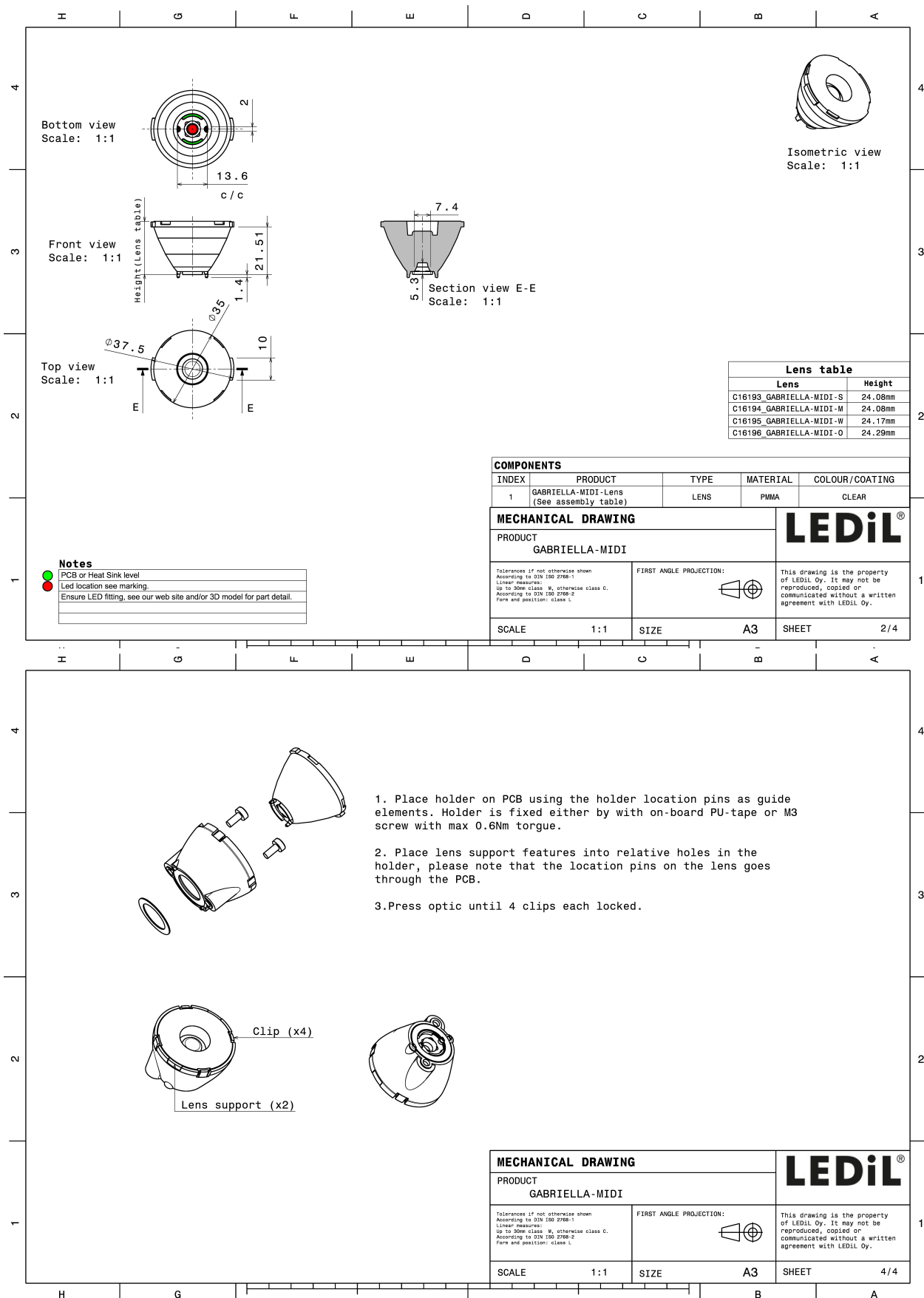
Component	Type	Material	Colour	Finish
GABRIELLA-MIDI-W	Single lens	PMMA	clear	
GABRIELLA-MIDI-HLD	Assembly	PC	black	



ORDERING INFORMATION:

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



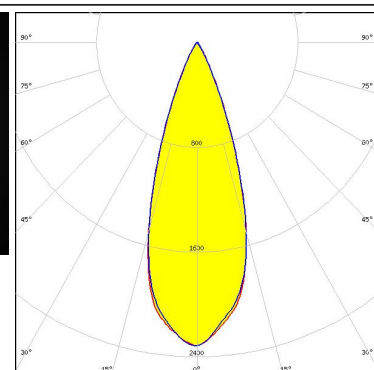
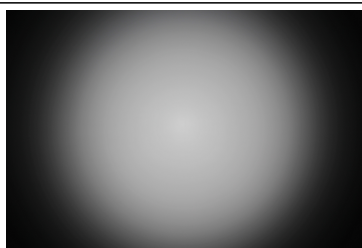


See also our general installation guide: www.ledil.com/installation_guide

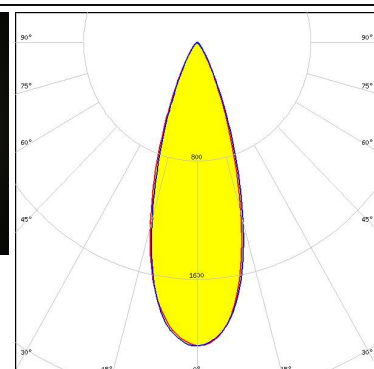
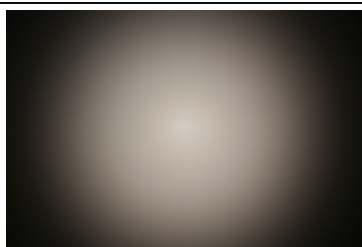
OPTICAL RESULTS (MEASURED):



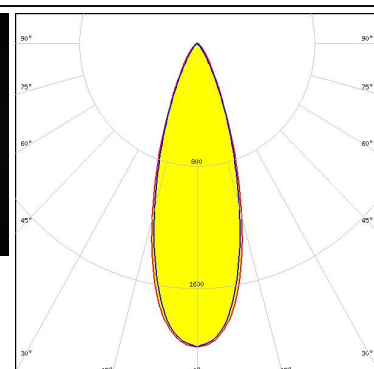
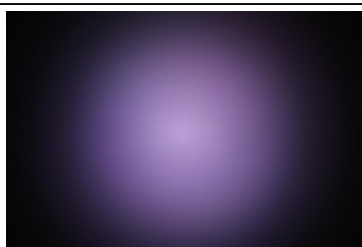
LED XHP35 HI
FWHM / FWTM 35.0° / 56.0°
Efficiency 86 %
Peak intensity 2.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



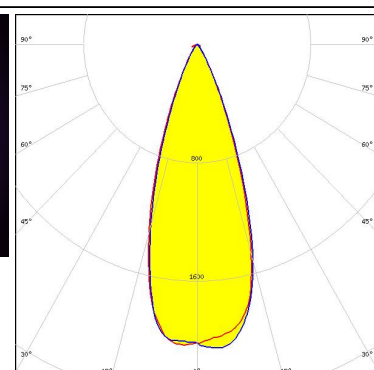
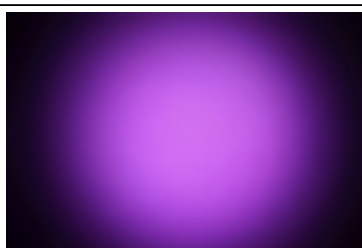
LED XHP50.2
FWHM / FWTM 34.0° / 59.0°
Efficiency 82 %
Peak intensity 2.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:




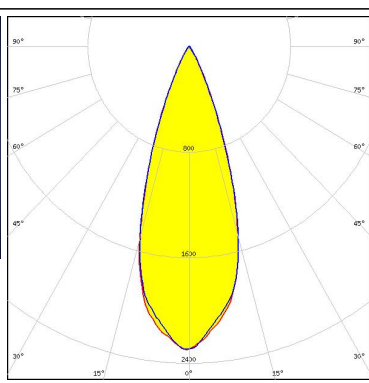

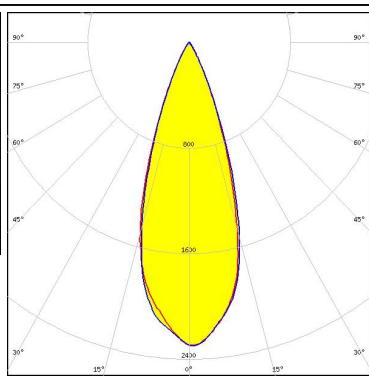

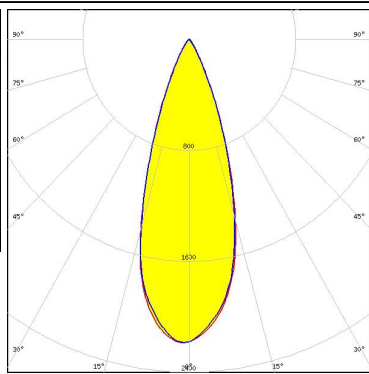
LED XM-L RGBW (XMLDCL HI)
FWHM / FWTM 33.0° / 61.0°
Efficiency 82 %
Peak intensity 2 cd/lm
LEDs/each optic 1
Light colour RGBW
Required components:



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:



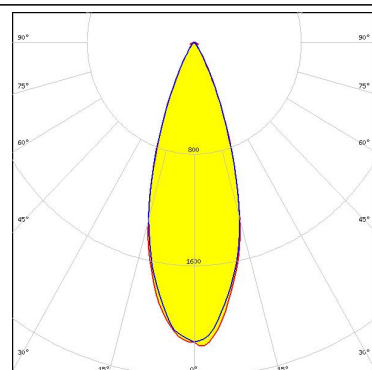
OPTICAL RESULTS (MEASURED):

<p>SEOUL SEMICONDUCTOR</p> <p>LED SPF05F0A</p> <p>FWHM / FWTM 36.0° / 56.0°</p> <p>Efficiency 86 %</p> <p>Peak intensity 2.3 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour RGBW</p> <p>Required components:</p>		
<p>SEOUL SEMICONDUCTOR</p> <p>LED SPF05F0B</p> <p>FWHM / FWTM 36.0° / 56.0°</p> <p>Efficiency 86 %</p> <p>Peak intensity 2.3 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour RGBW</p> <p>Required components:</p>		
<p>SEOUL SEMICONDUCTOR</p> <p>LED SPF05F0C</p> <p>FWHM / FWTM 35.0° / 57.0°</p> <p>Efficiency 84 %</p> <p>Peak intensity 2.2 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour RGBW</p> <p>Required components:</p>		

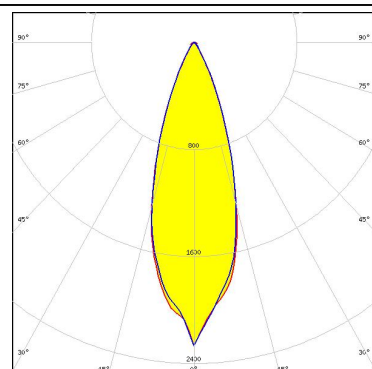
OPTICAL RESULTS (SIMULATED):



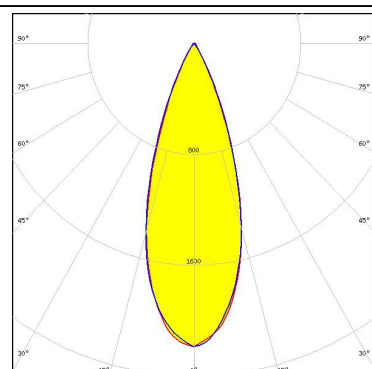
LED J Series 5050 Round LES
 FWHM / FWTM 34.0° / 58.0°
 Efficiency 84 %
 Peak intensity 2.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



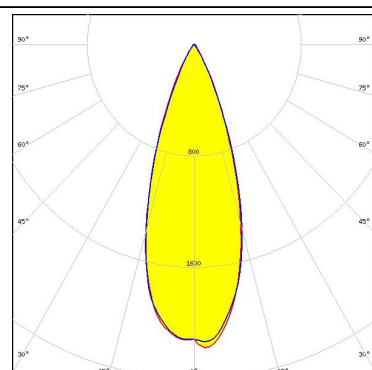
LED XHP50
 FWHM / FWTM 32.0° / 58.0°
 Efficiency 83 %
 Peak intensity 2.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



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:



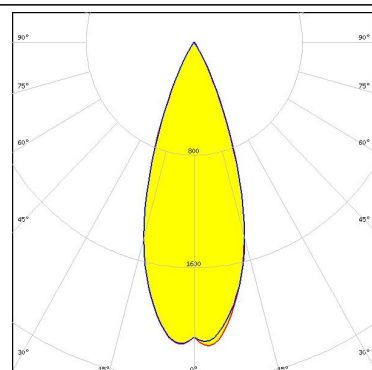
LED XM-L RGBW (XMLDCL HD)
 FWHM / FWTM 36.0° / 58.0°
 Efficiency 85 %
 Peak intensity 2.2 cd/lm
 LEDs/each optic 1
 Light colour RGBW
 Required components:



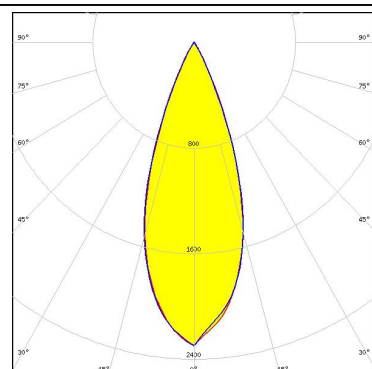
OPTICAL RESULTS (SIMULATED):



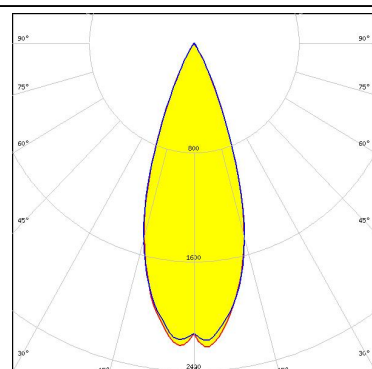
LED XM-L2
FWHM / FWTM 37.0° / 58.0°
Efficiency 85 %
Peak intensity 2.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



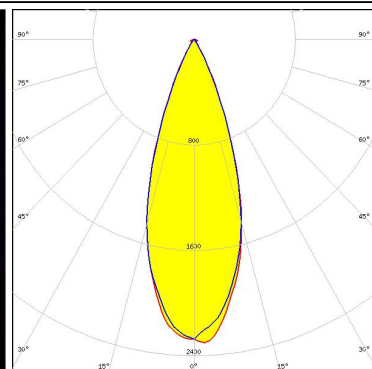
LED XP-G2
FWHM / FWTM 37.0° / 57.0°
Efficiency 86 %
Peak intensity 2.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



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:



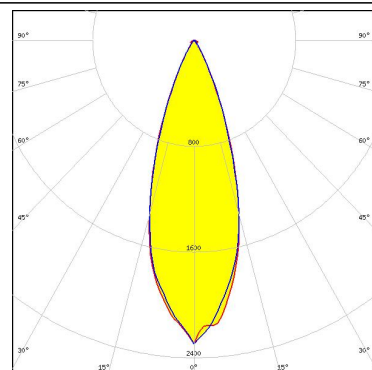
LED LZ7 Plus (LZ7-04M2PD)
FWHM / FWTM 35.0° / 57.0°
Efficiency 87 %
Peak intensity 2.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OPTICAL RESULTS (SIMULATED):

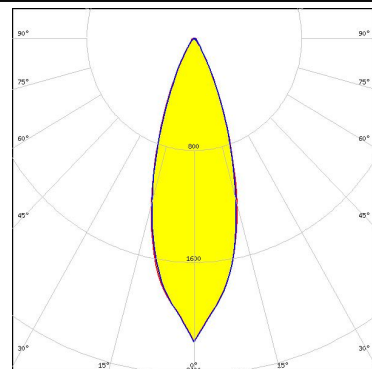
LUMILEDS

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



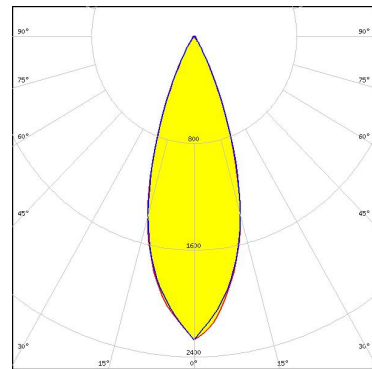
LUMILEDS

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



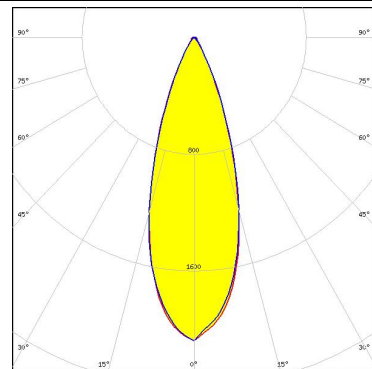
LUMILEDS

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

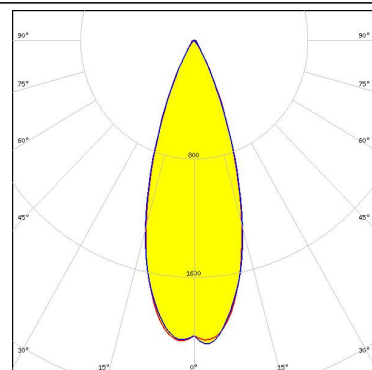


OPTICAL RESULTS (SIMULATED):

OSRAM

Opto Semiconductors

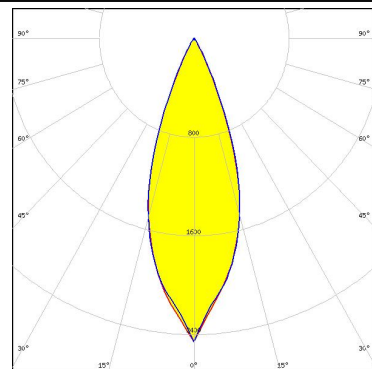
LED Duris S8
FWHM / FWTM 36.0° / 59.0°
Efficiency 84 %
Peak intensity 2.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OSRAM

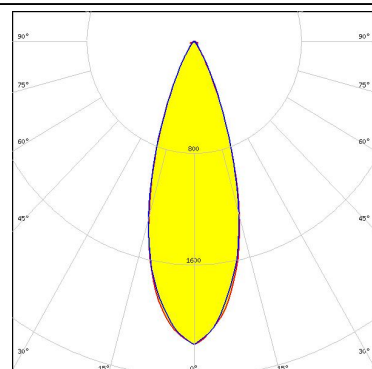
Opto Semiconductors

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



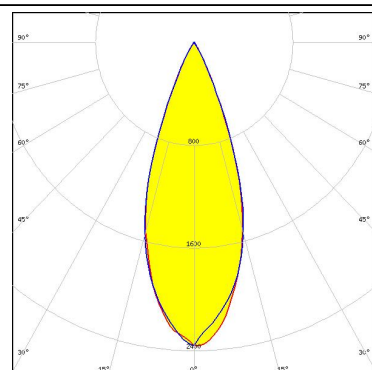
SAMSUNG

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/
where_to_buy](http://www.ledil.com/where_to_buy)

Shipping locations

Salo, Finland
Hong Kong, China

Distribution Partners

[www.ledil.com/
where_to_buy](http://www.ledil.com/where_to_buy)