

GABRIELLA-MIDI-O

~12+40° oval beam with holder and installation tape



TECHNICAL SPECIFICATIONS:

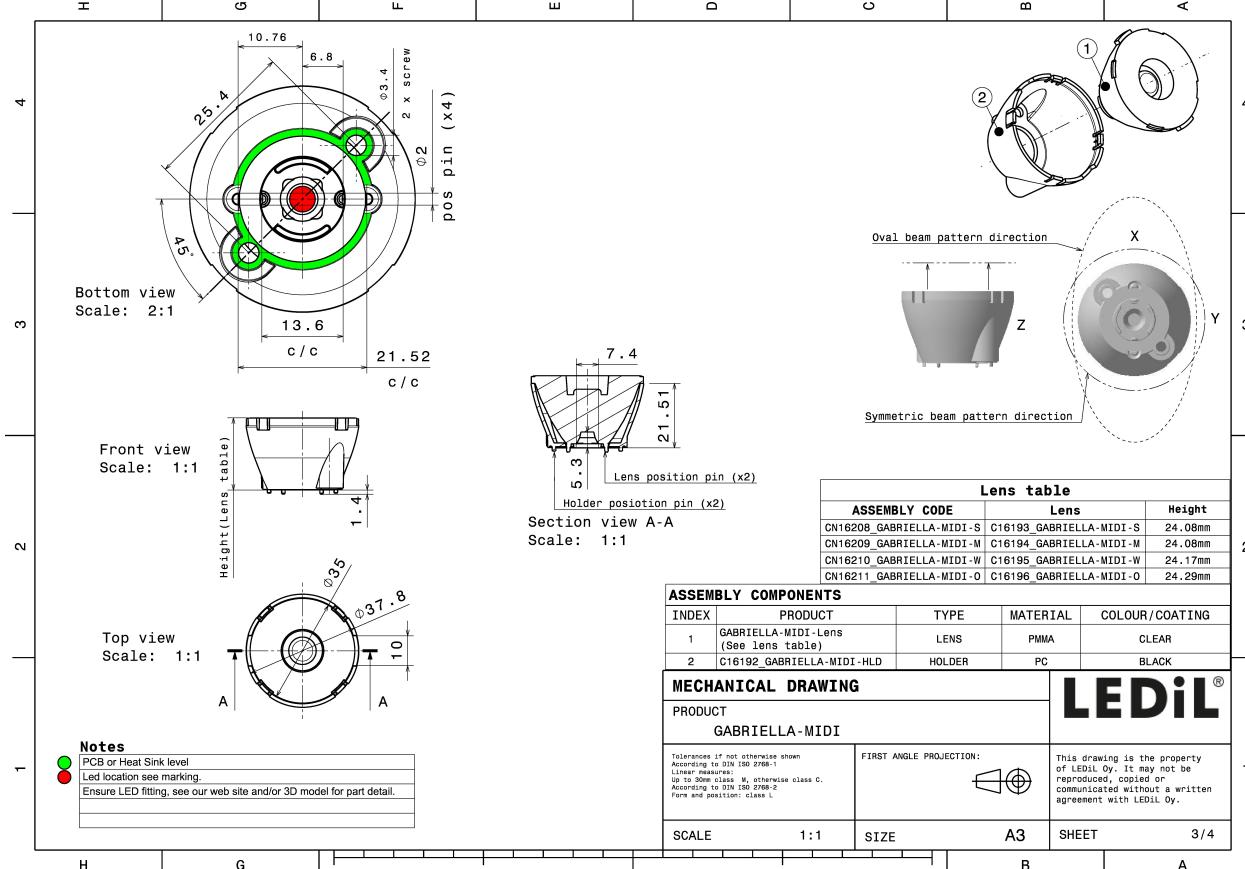
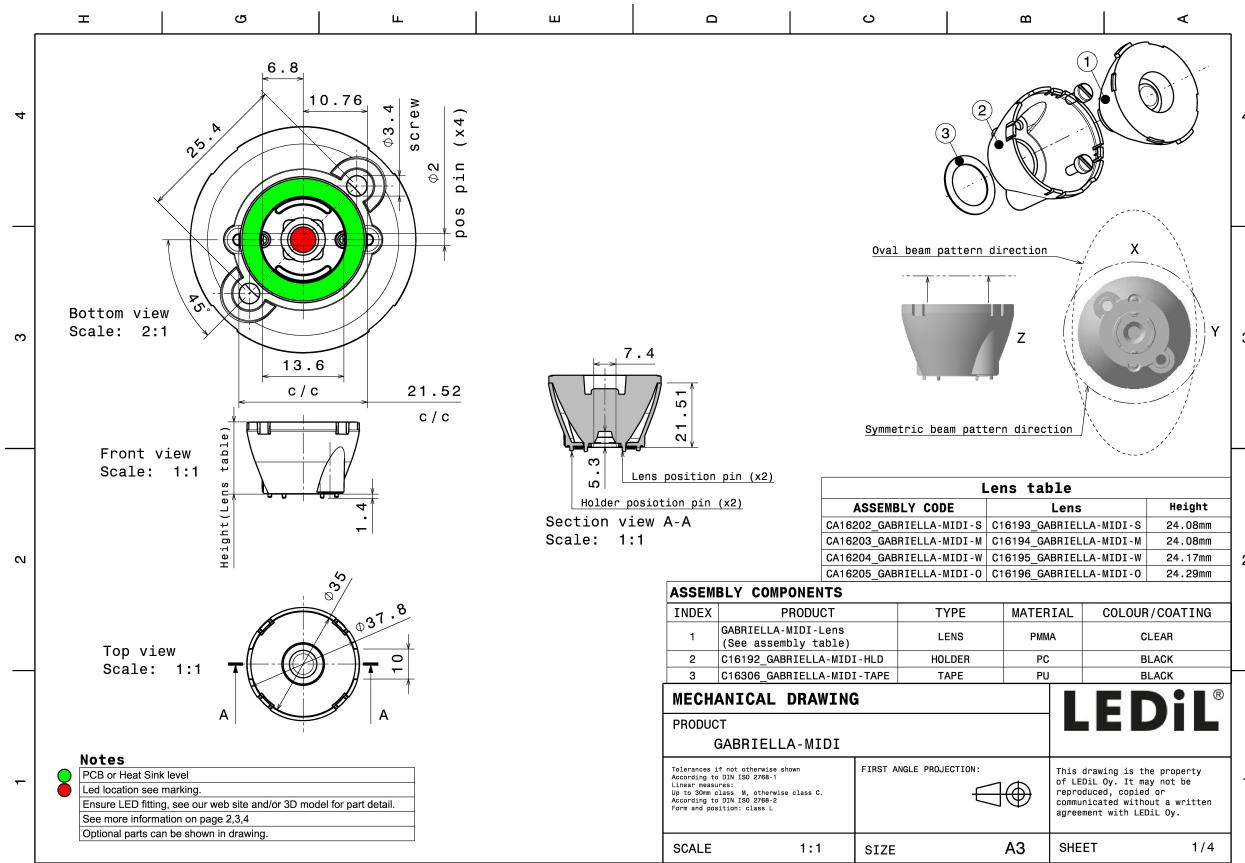
Dimensions	Ø 37.8 mm
Height	24.1 mm
Fastening	tape, pin
ROHS compliant	yes 

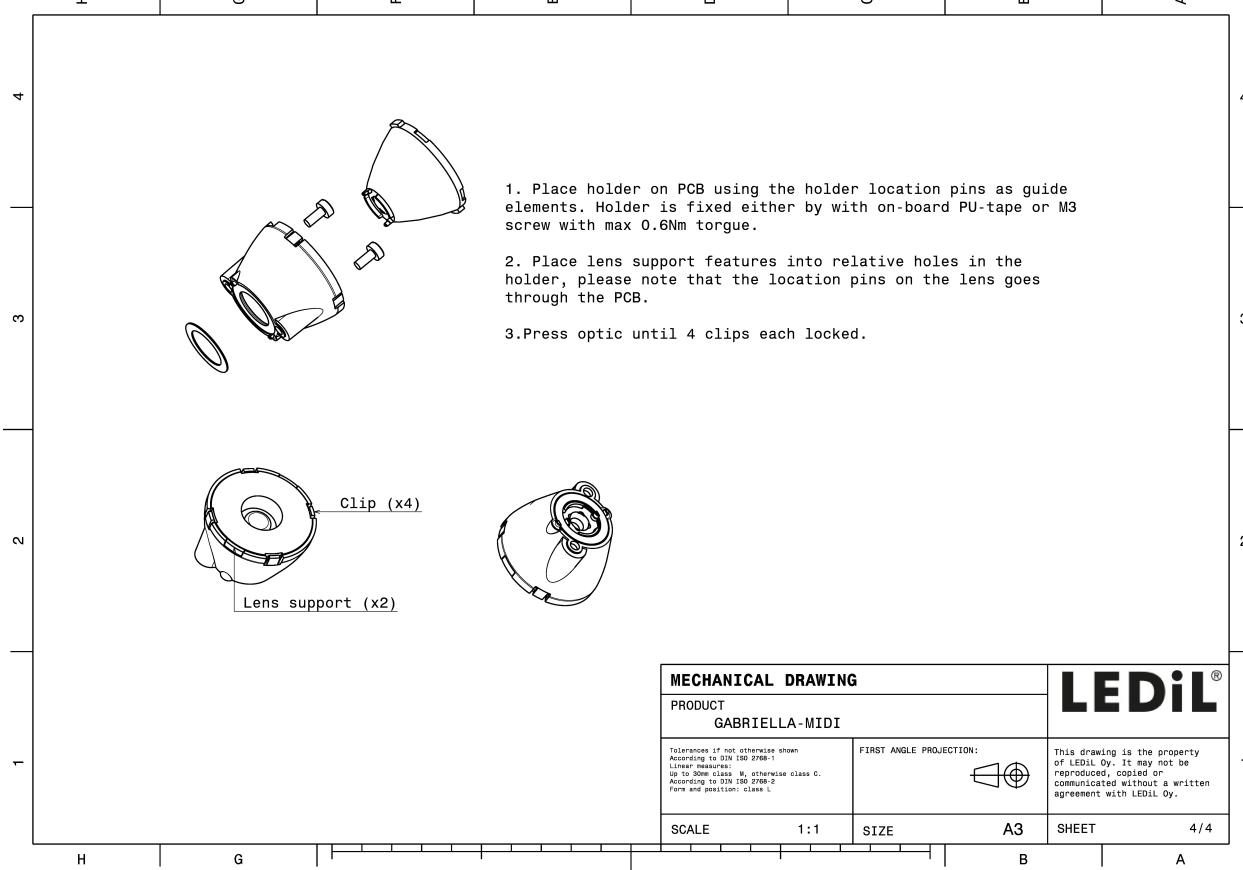
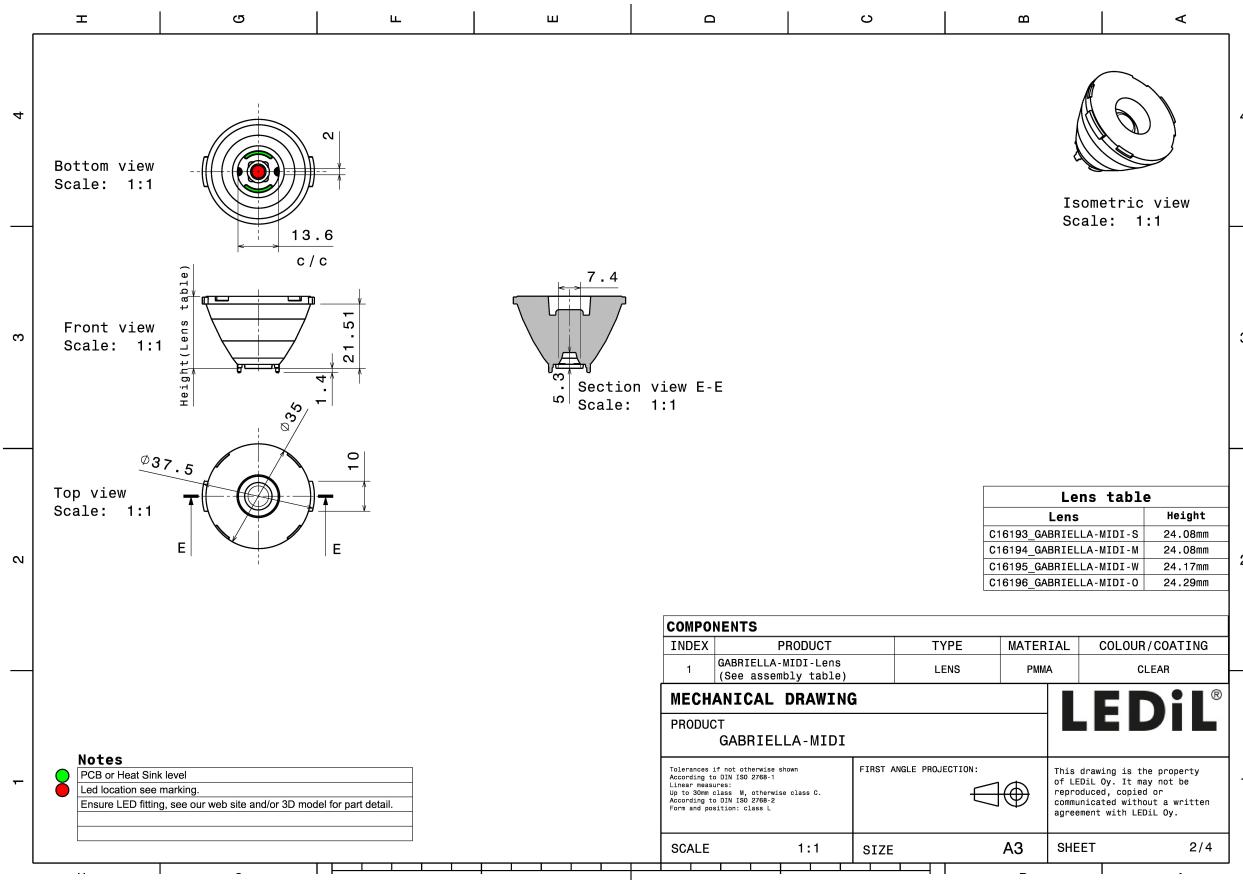
MATERIAL SPECIFICATIONS:

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

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
CA16205_GABRIELLA-MIDI-O » Box size: 476 x 273 x 292 mm	Single lens	500	100	50



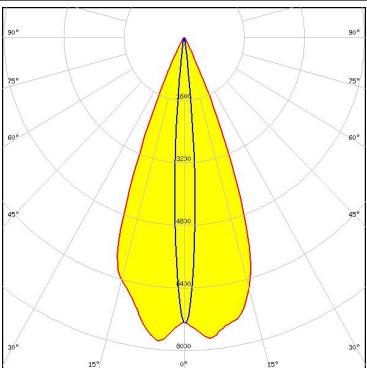
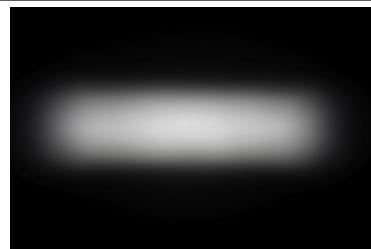


See also our general installation guide: www.ledil.com/installation_guide

PHOTOMETRIC DATA (MEASURED):

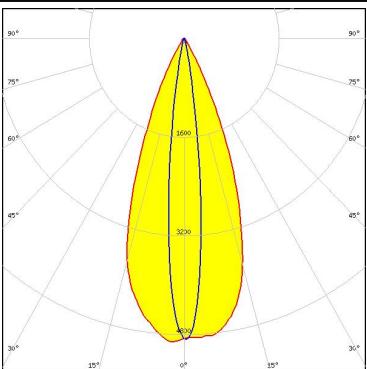
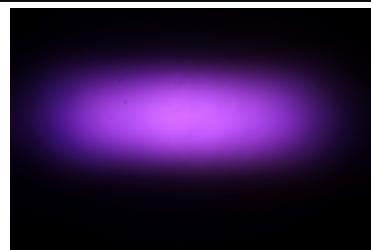
OSRAM
Opto Semiconductors

LED OSTAR Projection Compact (Kx.CSLNM1.xx)
FWHM / FWTM 42.0 + 9.0° / 54.0 + 16.0°
Efficiency 90 %
Peak intensity 7.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:



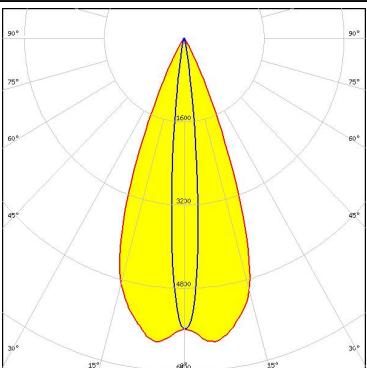
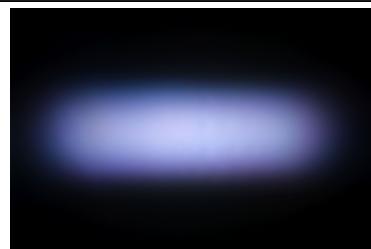
OSRAM
Opto Semiconductors

LED OSTAR Stage (S2WP)
FWHM / FWTM 40.0 + 12.0° / 60.0 + 23.0°
Efficiency 87 %
Peak intensity 4.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



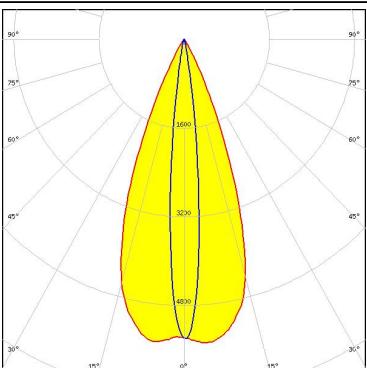
SEoul SEMICONDUCTOR

LED SPF05F0A
FWHM / FWTM 42.0 + 11.0° / 57.0 + 20.0°
Efficiency 88 %
Peak intensity 5.9 cd/lm
LEDs/each optic 1
Light colour RGBW
Required components:

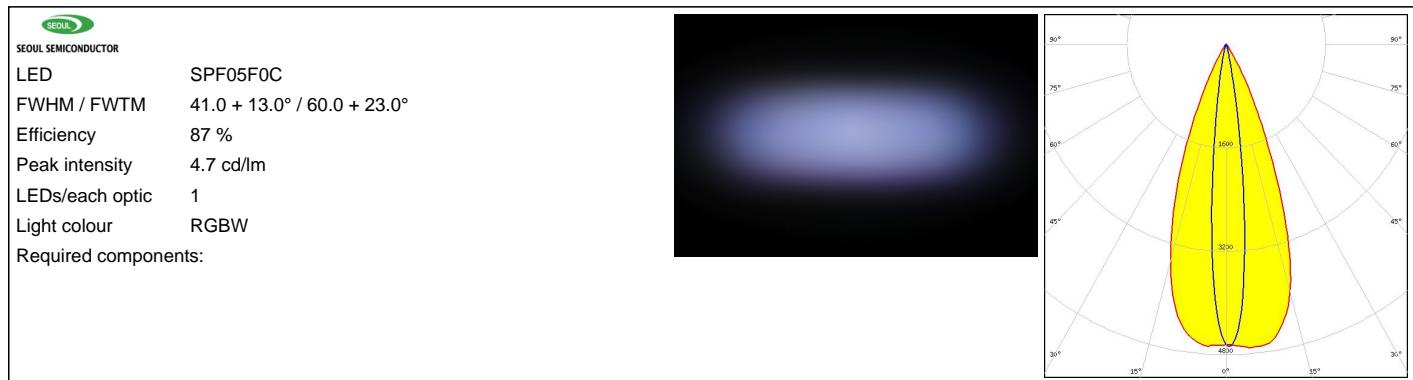


SEoul SEMICONDUCTOR

LED SPF05F0B
FWHM / FWTM 41.0 + 12.0° / 58.0 + 21.0°
Efficiency 88 %
Peak intensity 5.5 cd/lm
LEDs/each optic 1
Light colour RGBW
Required components:



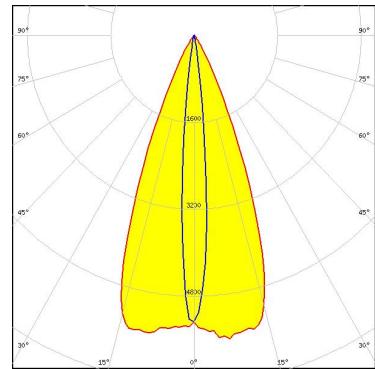
PHOTOMETRIC DATA (MEASURED):



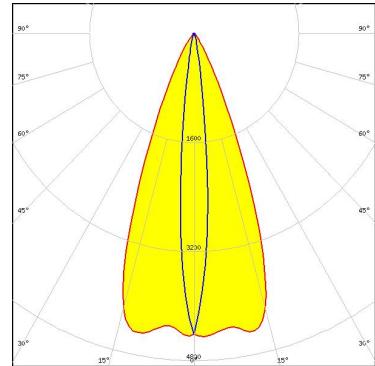
PHOTOMETRIC DATA (SIMULATED):



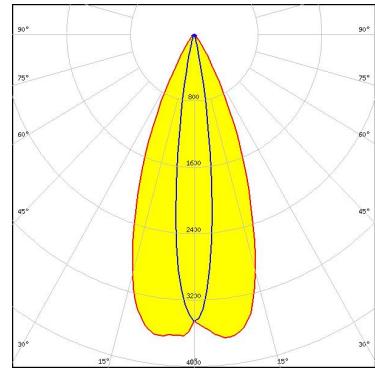
LED	XHP35 HI
FWHM / FWTM	43.0 + 10.0° / 60.0 + 18.0°
Efficiency	87 %
Peak intensity	5.6 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



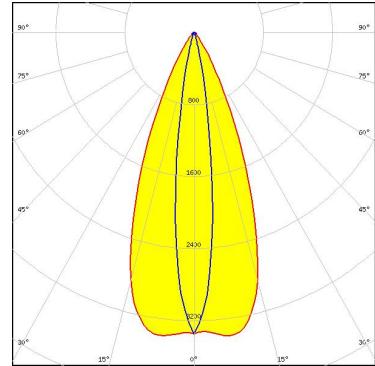
LED	XHP35.2
FWHM / FWTM	42.0 + 10.0° / 61.0 + 21.0°
Efficiency	83 %
Peak intensity	4.5 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



LED	XHP50
FWHM / FWTM	42.0 + 14.0° / 64.0 + 26.0°
Efficiency	84 %
Peak intensity	3.7 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



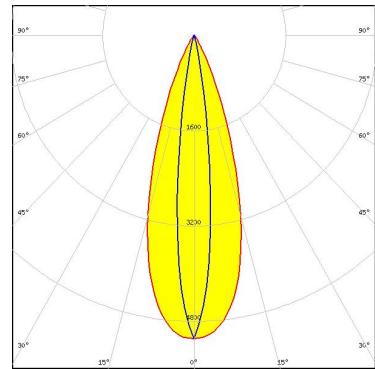
LED	XHP50.2
FWHM / FWTM	42.0 + 14.0° / 66.0 + 28.0°
Efficiency	82 %
Peak intensity	3.4 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



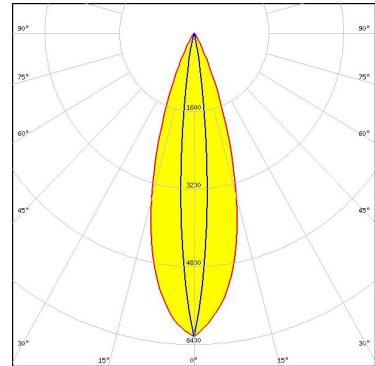
PHOTOMETRIC DATA (SIMULATED):



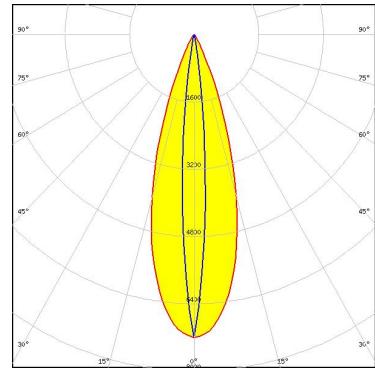
LED	XM-L RGB
FWHM / FWTM	13.0 + 34.0° / 24.0 + 57.0°
Efficiency	86 %
Peak intensity	5.1 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



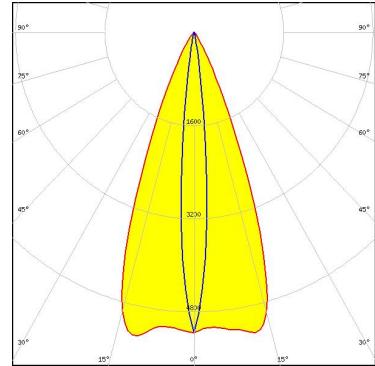
LED	XM-L2
FWHM / FWTM	11.0 + 33.0° / 21.0 + 54.0°
Efficiency	87 %
Peak intensity	6.2 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



LED	XP-G2
FWHM / FWTM	9.0 + 33.0° / 19.0 + 53.0°
Efficiency	87 %
Peak intensity	7.2 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



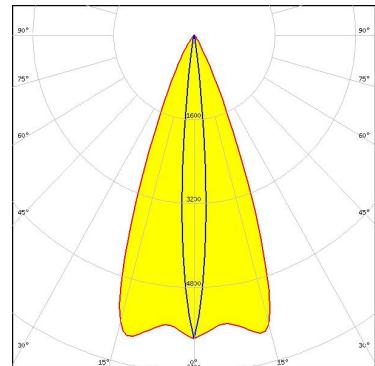
LED	XP-G2 HE
FWHM / FWTM	42.0 + 10.0° / 60.0 + 19.0°
Efficiency	86 %
Peak intensity	5.3 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



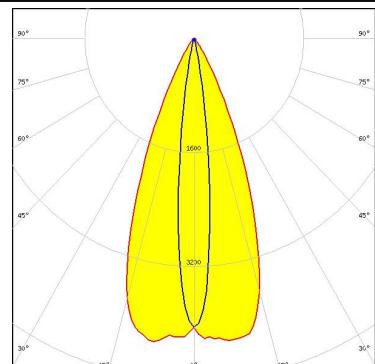
PHOTOMETRIC DATA (SIMULATED):



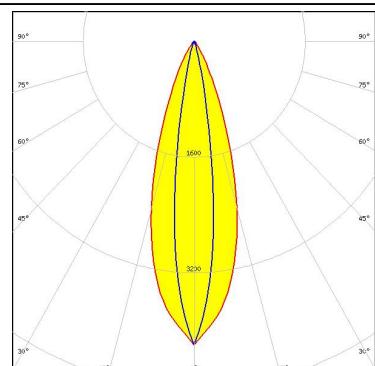
LED	XP-L HI
FWHM / FWTM	42.0 + 10.0° / 59.0 + 18.0°
Efficiency	87 %
Peak intensity	5.9 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



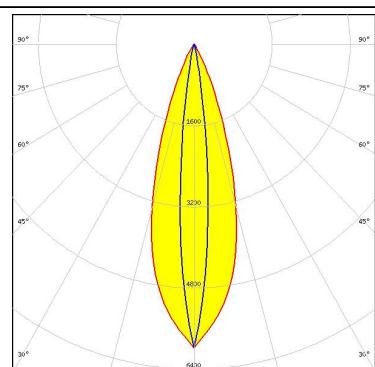
LED	LUXEON 5050 Round LES
FWHM / FWTM	12.0 + 44.0° / 22.0 + 64.0°
Efficiency	86 %
Peak intensity	4.3 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



LED	LUXEON M/MX
FWHM / FWTM	15.0 + 33.0° / 28.0 + 58.0°
Efficiency	84 %
Peak intensity	4.2 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



LED	LUXEON MZ
FWHM / FWTM	11.0 + 32.0° / 22.0 + 55.0°
Efficiency	86 %
Peak intensity	6 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



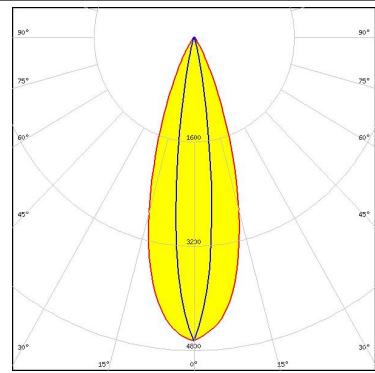
PHOTOMETRIC DATA (SIMULATED):

OSRAM

Opto Semiconductors

LED	Duris S8
FWHM / FWTM	14.0 + 34.0° / 26.0 + 57.0°
Efficiency	86 %
Peak intensity	4.7 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

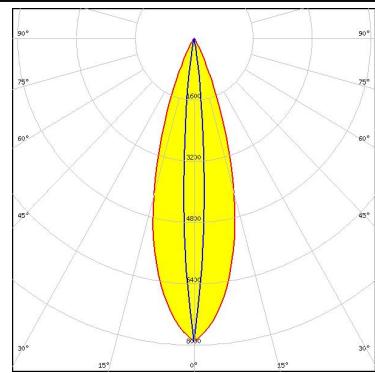


OSRAM

Opto Semiconductors

LED	OSLON Square EC
FWHM / FWTM	8.0 + 31.0° / 17.0 + 52.0°
Efficiency	87 %
Peak intensity	7.9 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

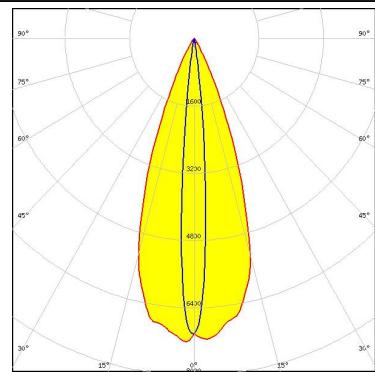


OSRAM

Opto Semiconductors

LED	OSTAR Stage (S2WN)
FWHM / FWTM	9.0 + 38.0° / 17.0 + 57.0°
Efficiency	87 %
Peak intensity	7.2 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

Shipping locations
Salo, Finland
Hong Kong, China

Distribution Partners
www.ledil.com/
where_to_buy