

GABRIELLA-45-S

~9° spot beam with holder and installation tape

TECHNICAL SPECIFICATIONS:

Dimensions	Ø 45.0 mm
Height	29.1 mm
Fastening	tape, pin, screw
ROHS compliant	yes ⓘ

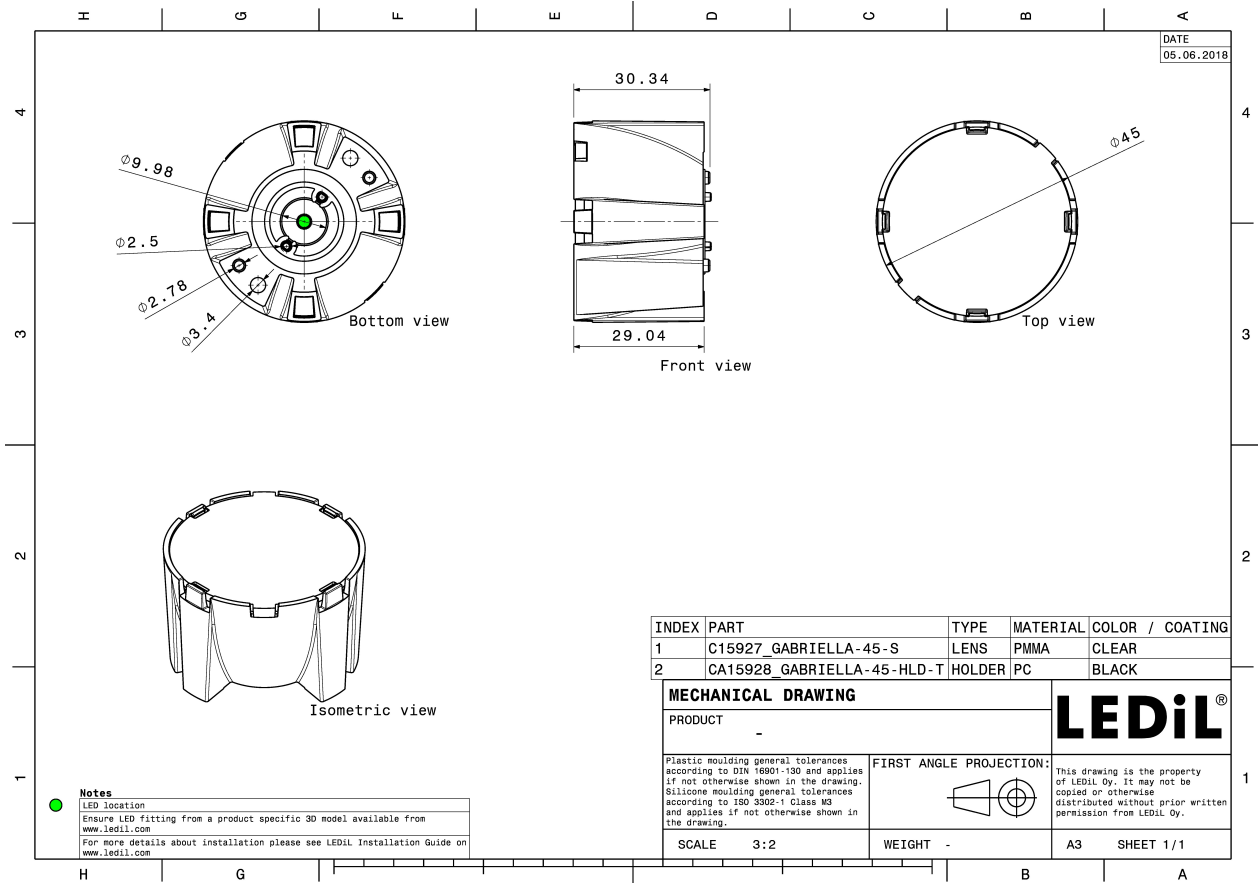
MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
GABRIELLA-45-S	Single lens	PMMA	clear	
GABRIELLA-45-HLD-T	Assembly	PC	black	

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CX15577_GABRIELLA-45-S	Single lens	405		45	0.0
» Box size:					

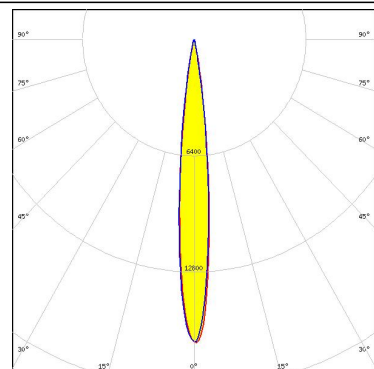
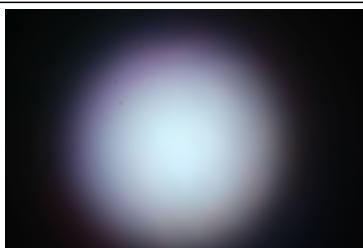




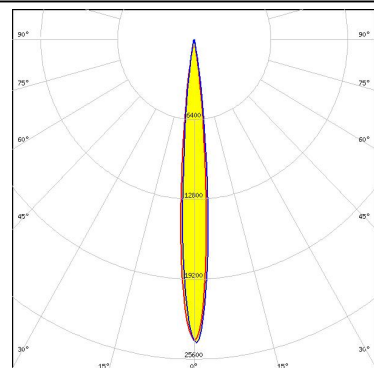
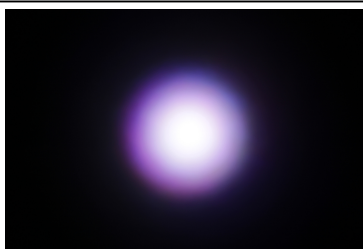
PHOTOMETRIC DATA (MEASURED):



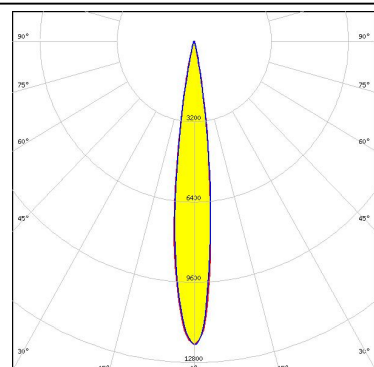
LED XQ-E HD
FWHM 11.0°
Efficiency 88 %
Peak intensity 16.8 cd/lm
LEDs/each optic 4
Light colour RGBW
Required components:



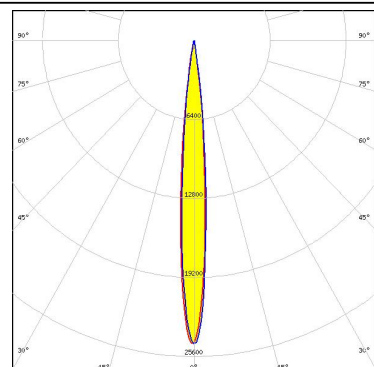
LED LZ4-04MDPB
FWHM 10.0°
Efficiency 91 %
Peak intensity 24.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED LUXEON CZ
FWHM 14.0°
Efficiency 89 %
Peak intensity 12 cd/lm
LEDs/each optic 4
Light colour RGBW
Required components:



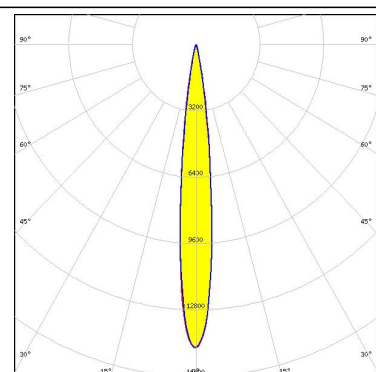
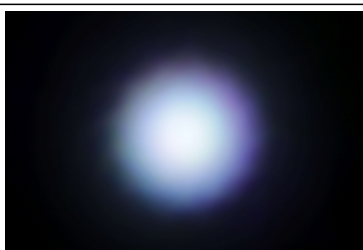
LED SBM-40-RGBW
FWHM 10.0°
Efficiency 89 %
Peak intensity 25 cd/lm
LEDs/each optic 1
Light colour White
Required components:



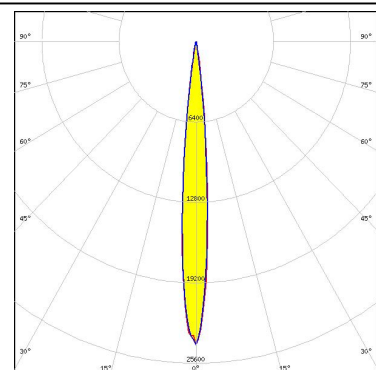
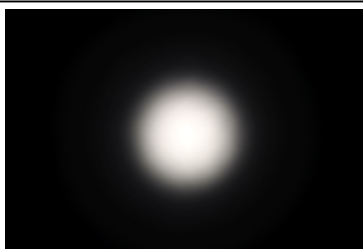
PHOTOMETRIC DATA (MEASURED):



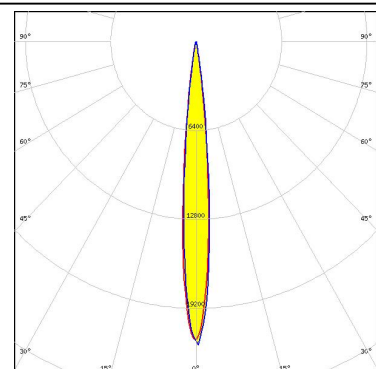
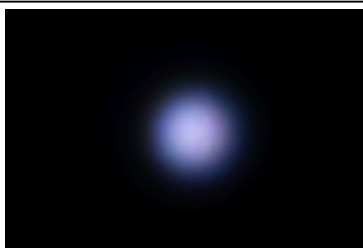
LED NCSxE17A
FWHM 12.0°
Efficiency 90 %
Peak intensity 15 cd/lm
LEDs/each optic 4
Light colour RGBW
Required components:



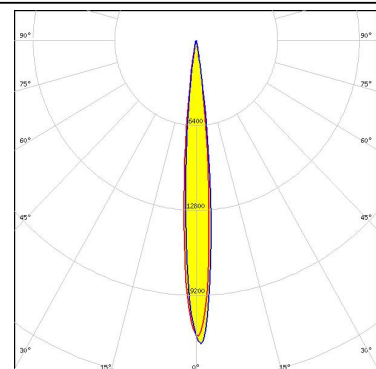
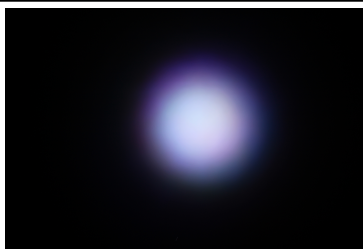
LED NVSW219F
FWHM 10.0°
Efficiency 89 %
Peak intensity 24.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED SPF05F0A
FWHM 10.0°
Efficiency 89 %
Peak intensity 21.8 cd/lm
LEDs/each optic 1
Light colour RGBW
Required components:



LED SPF05F0B
FWHM 10.0°
Efficiency 90 %
Peak intensity 22.9 cd/lm
LEDs/each optic 1
Light colour RGBW
Required components:



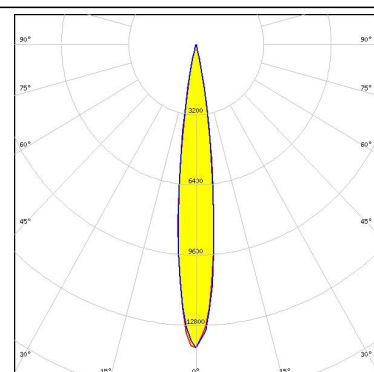
PHOTOMETRIC DATA (MEASURED):



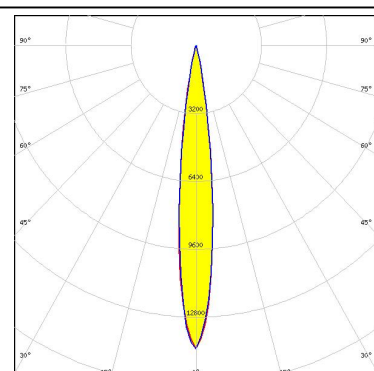
PHOTOMETRIC DATA (SIMULATED):



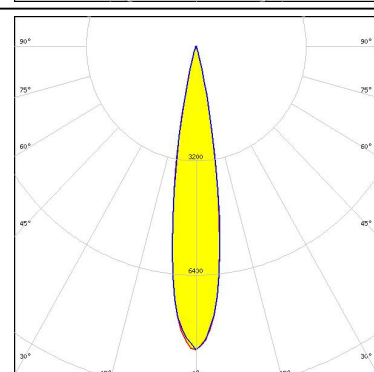
LED XHP50
FWHM 14.0°
Efficiency 89 %
Peak intensity 13.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:



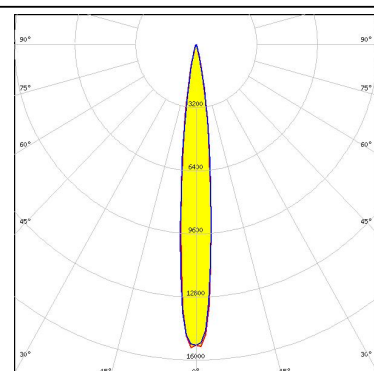
LED XHP50.2
FWHM 13.0°
Efficiency 91 %
Peak intensity 14.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED XHP70
FWHM 18.0°
Efficiency 87 %
Peak intensity 8.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



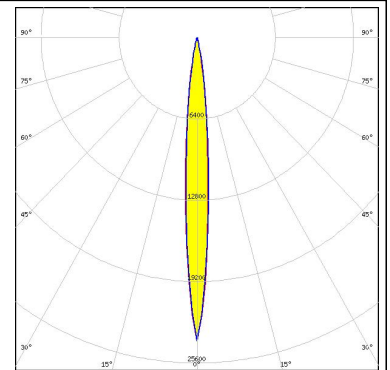
LED XM-L RGB
FWHM 12.0°
Efficiency 93 %
Peak intensity 15.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



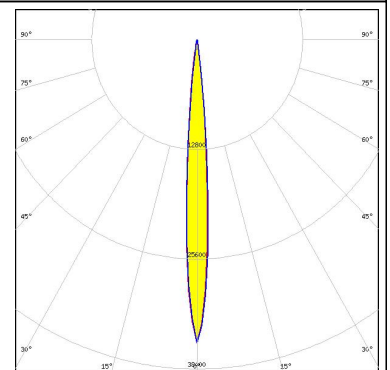
PHOTOMETRIC DATA (SIMULATED):



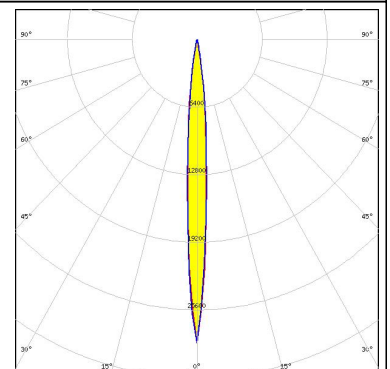
LED XP-L HD
 FWHM 8.0°
 Efficiency 92 %
 Peak intensity 23.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED OSTAR Stage (S2WN)
 FWHM 8.0°
 Efficiency 94 %
 Peak intensity 35.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED OSTAR Stage (S2WP)
 FWHM 8.0°
 Efficiency 93 %
 Peak intensity 28.7 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

Local sales and technical support

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

Shipping locations

Salu, Finland
Hong Kong, China

Distribution Partners

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

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Ledil:

[CX15577_GABRIELLA-45-S](#)