

GABRIELLA-MIDI-S

~10° spot beam with holder and installation tape

TECHNICAL SPECIFICATIONS:

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

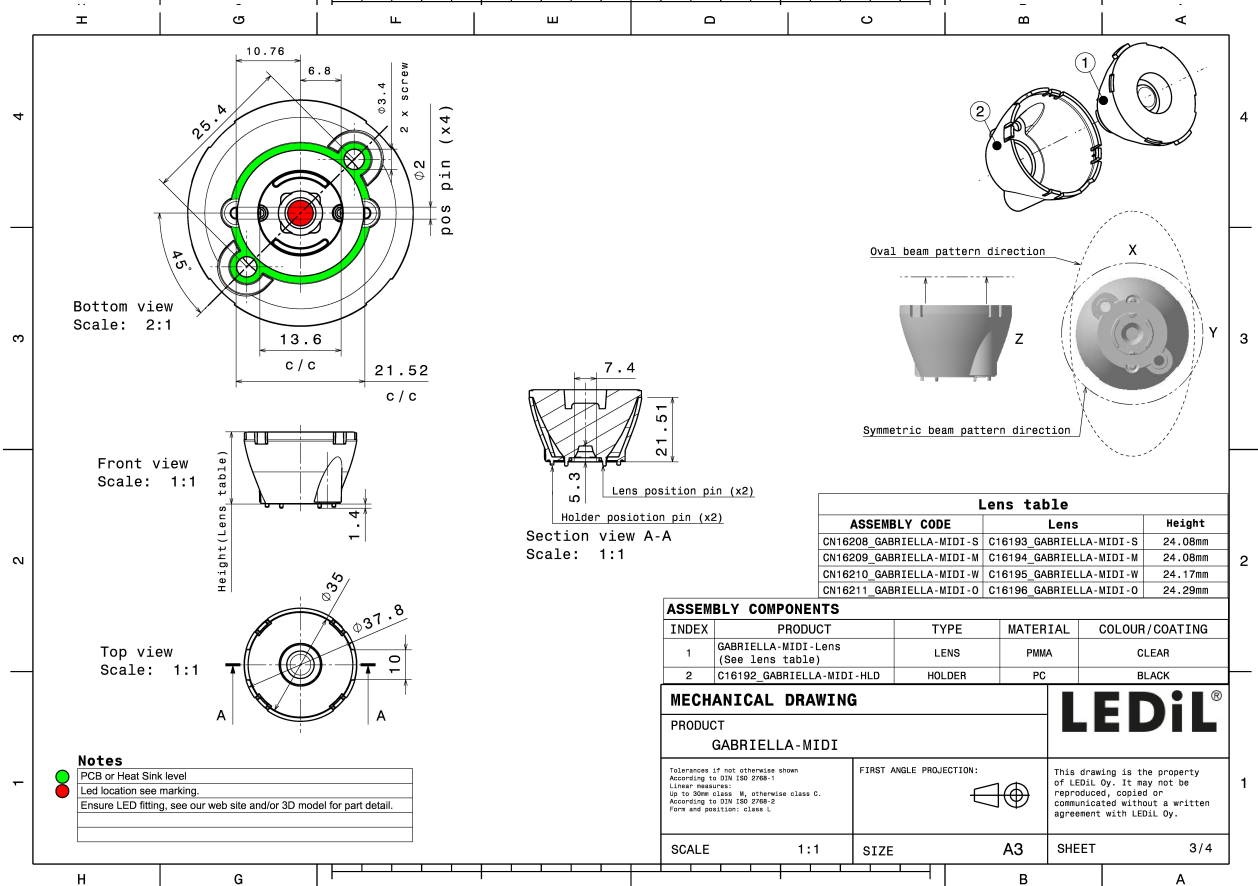
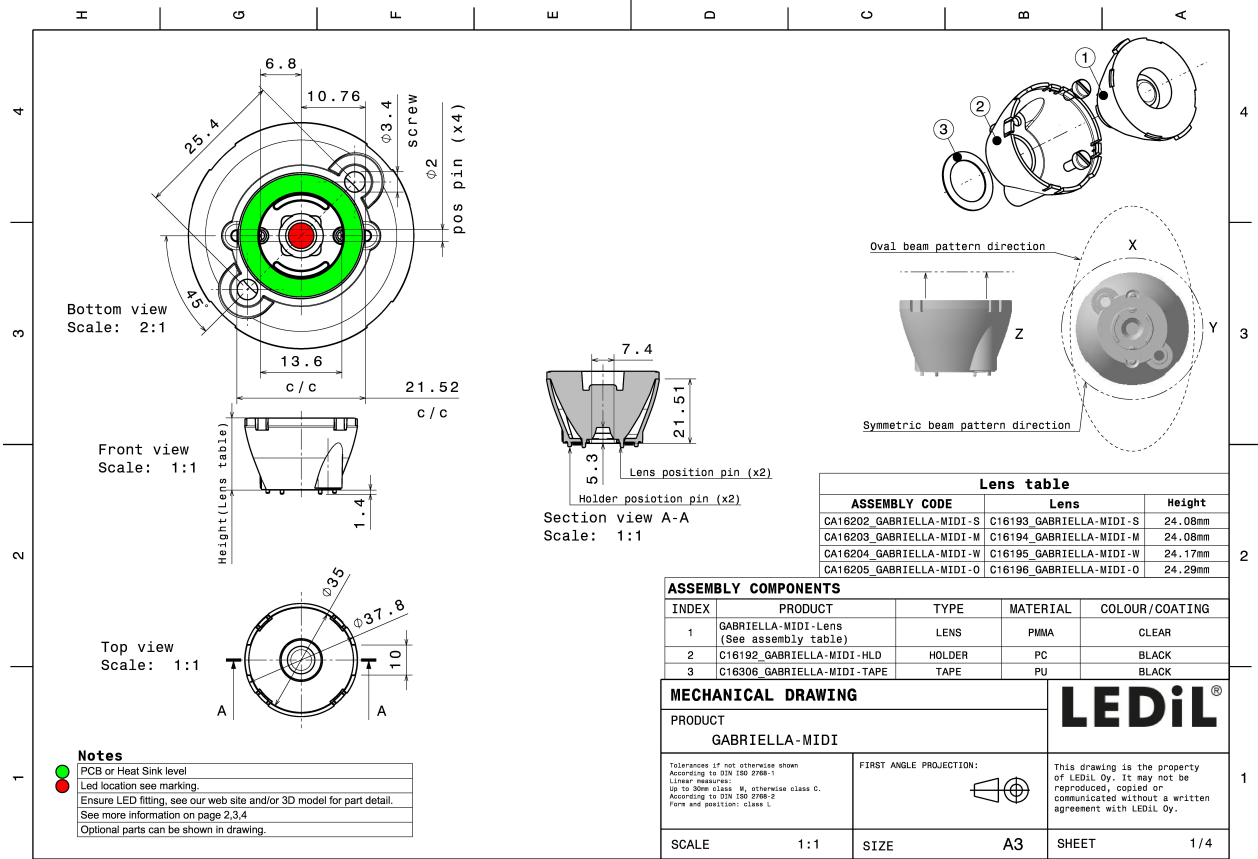
MATERIAL SPECIFICATIONS:

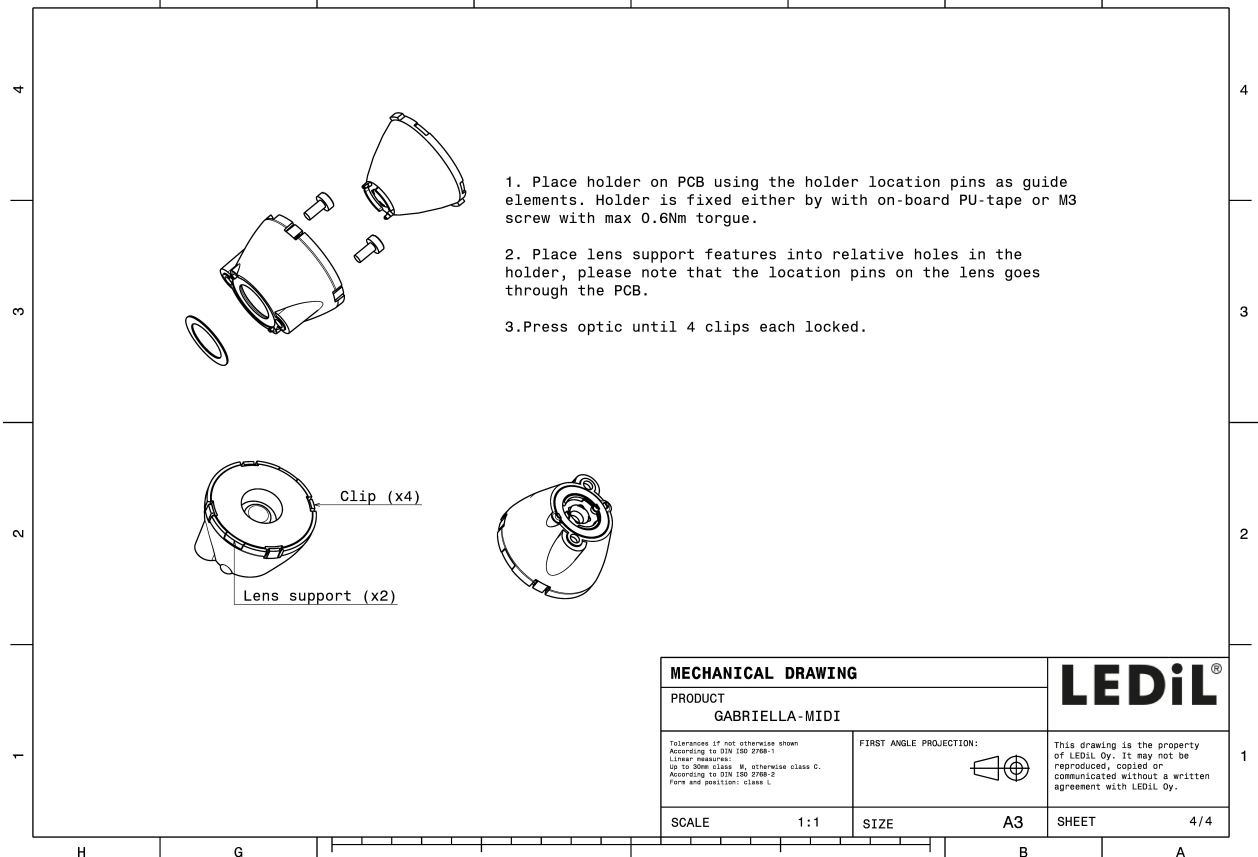
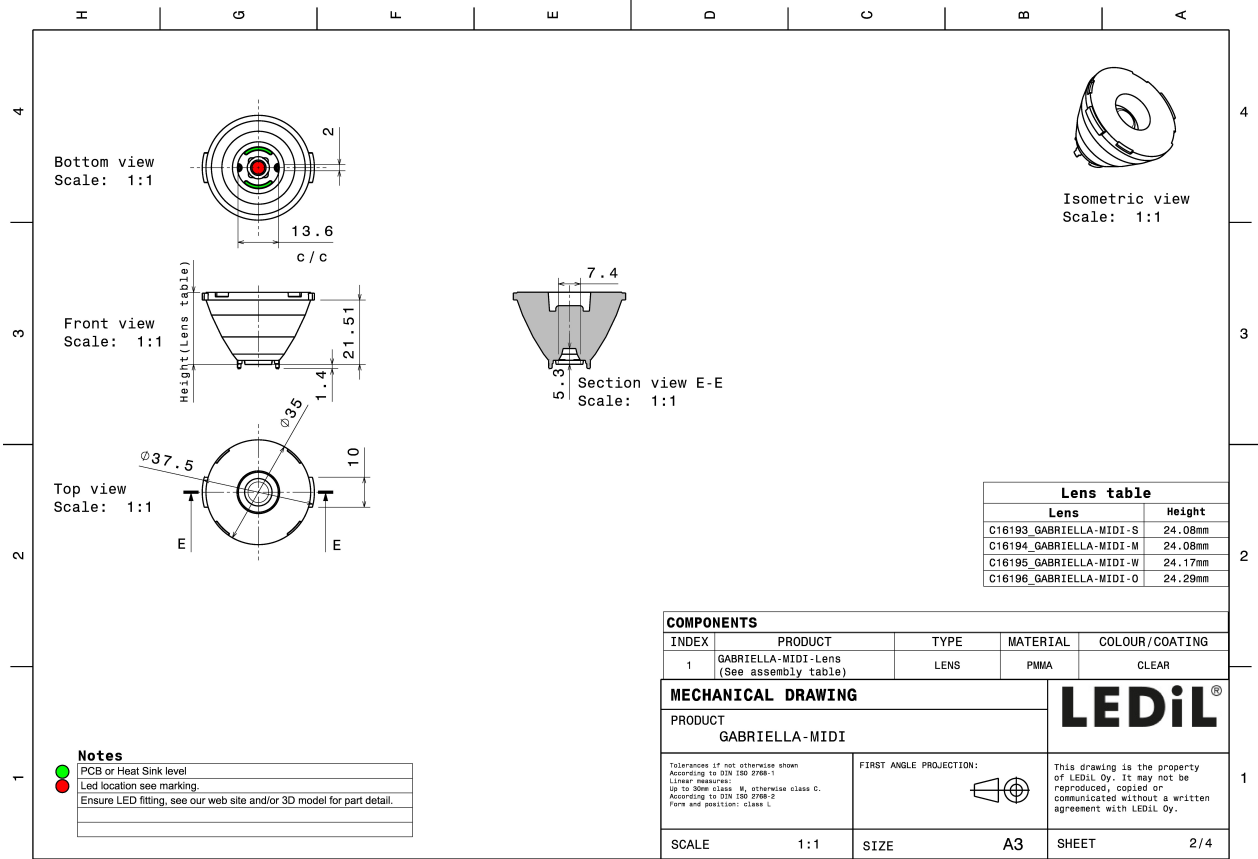
Component	Type	Material	Colour	Finish
GABRIELLA-MIDI-S	Single lens	PMMA	clear	
GABRIELLA-MIDI-HLD	Holder	PC	black	
GABRIELLA-MIDI-TAPE	Tape	Acrylic foam	black	



ORDERING INFORMATION:

Component	Type	Qty in box	MOQ	MPQ	Box weight (kg)
CA16202_GABRIELLA-MIDI-S	Single lens	500	100	50	11.7
» Box size: 476 x 273 x 292 mm					



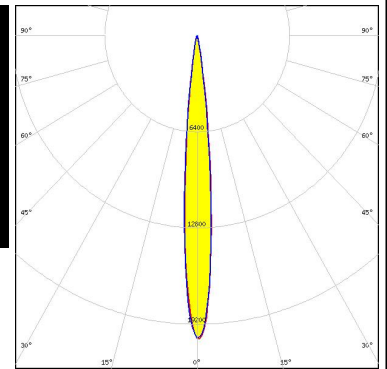
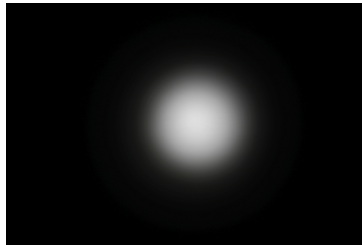


See also our general installation guide: www.ledil.com/installation_guide

PHOTOMETRIC DATA (MEASURED):

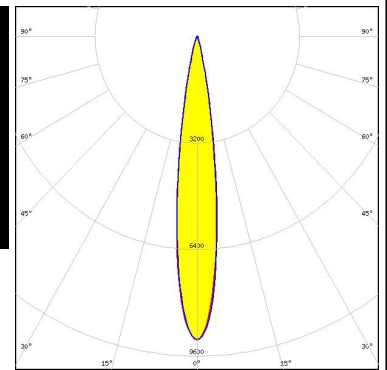
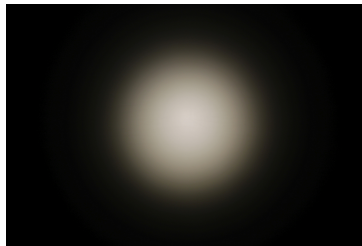
CREE LED

LED XHP35 HI
 FWHM / FWTM 10.0° / 19.0°
 Efficiency 90 %
 Peak intensity 20.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



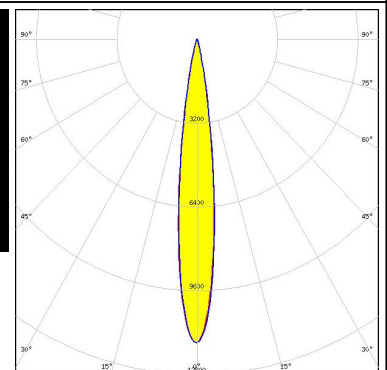
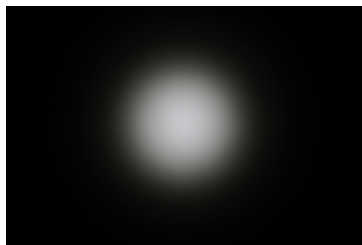
CREE LED

LED XHP50.2
 FWHM / FWTM 15.0° / 28.0°
 Efficiency 87 %
 Peak intensity 9.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



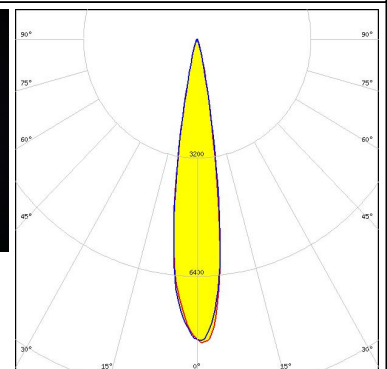
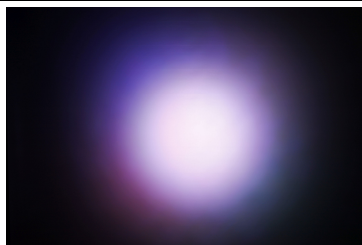
LUMILEDS

LED LUXEON 5050 Round LES
 FWHM / FWTM 14.0° / 26.0°
 Efficiency 91 %
 Peak intensity 12.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LUMILEDS

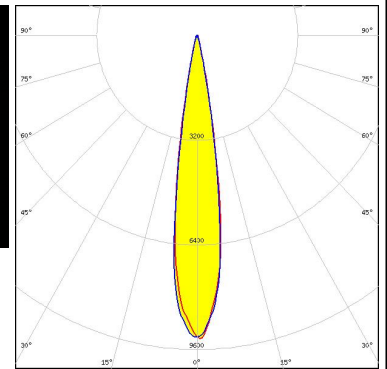
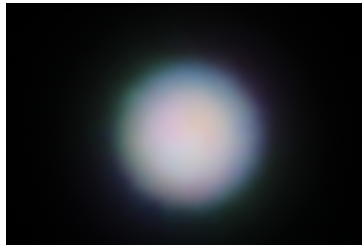
LED LUXEON C
 FWHM / FWTM 17.0° / 28.0°
 Efficiency 85 %
 Peak intensity 8.2 cd/lm
 LEDs/each optic 1
 Light colour RGBW
 Required components:



PHOTOMETRIC DATA (MEASURED):

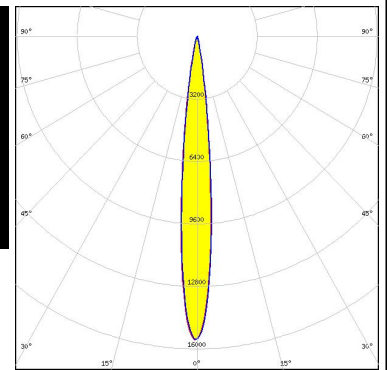
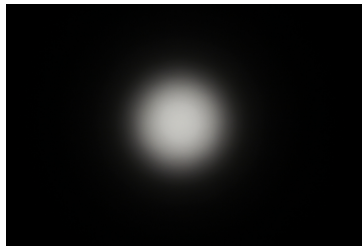
LUMILEDS

LED LUXEON CZ
 FWHM / FWTM 16.0° / 26.0°
 Efficiency 89 %
 Peak intensity 9.3 cd/lm
 LEDs/each optic 4
 Light colour RGBW
 Required components:



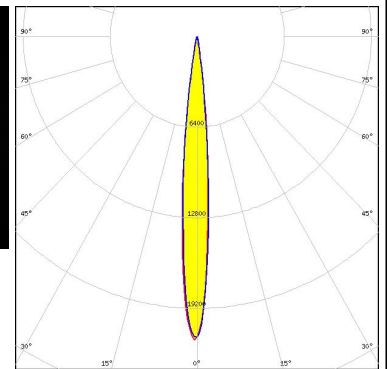
LUMILEDS

LED LUXEON V
 FWHM / FWTM 11.0° / 22.0°
 Efficiency 89 %
 Peak intensity 15.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



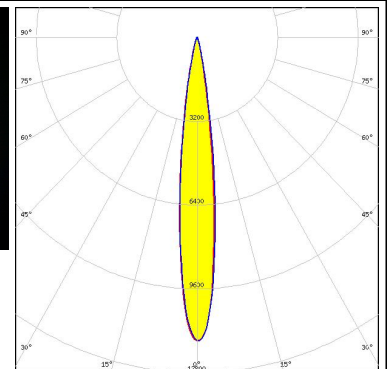
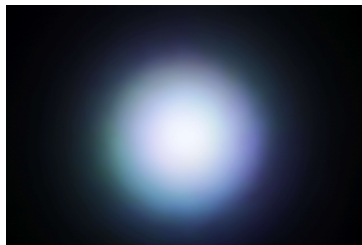
LUMINUS

LED SBM-40-RGBW
 FWHM / FWTM 10.0° / 19.0°
 Efficiency 89 %
 Peak intensity 21.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

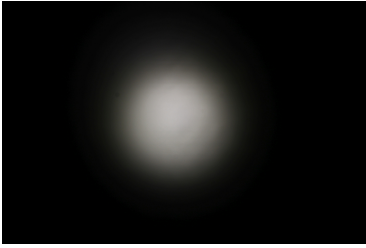
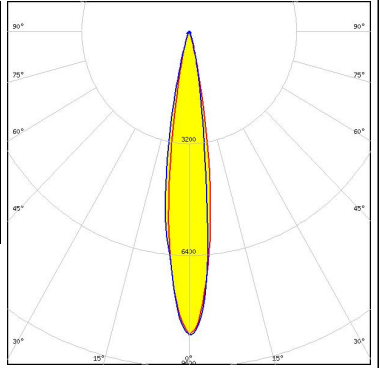
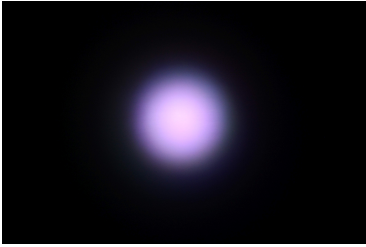
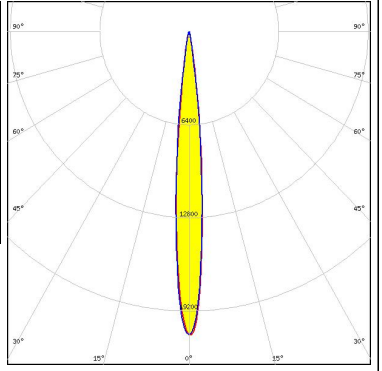

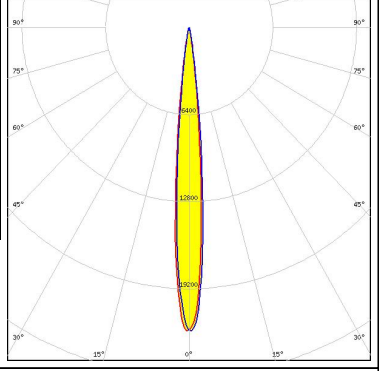
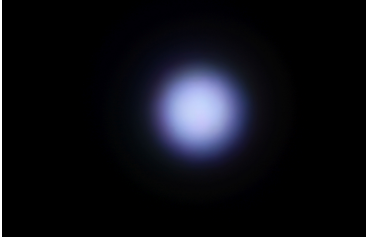
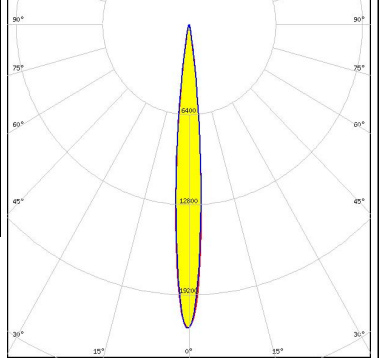


NICHIA



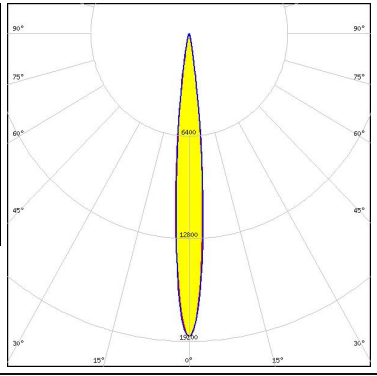


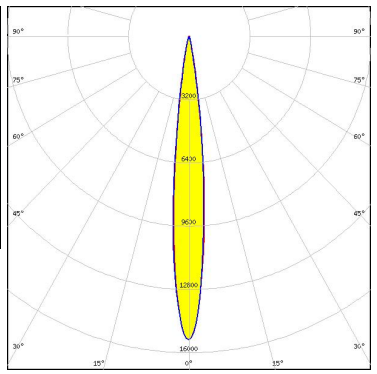
LED NCSxE17A
 FWHM / FWTM 13.0° / 26.0°
 Efficiency 92 %
 Peak intensity 11.6 cd/lm
 LEDs/each optic 4
 Light colour RGBW
 Required components:



PHOTOMETRIC DATA (MEASURED):

<p>NICHIA</p> <p>LED NVSW219F FWHM / FWTM 16.0° / 29.0° Efficiency 89 % Peak intensity 8.7 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>OSRAM <small>Opto Semiconductors</small></p> <p>LED OSTAR Stage (S2WN) FWHM / FWTM 10.0° / 19.0° Efficiency 90 % Peak intensity 20.8 cd/lm LEDs/each optic 1 Light colour RGBW Required components:</p>		
<p>OSRAM <small>Opto Semiconductors</small></p> <p>LED OSTAR Stage (S2WP) FWHM / FWTM 10.0° / 18.0° Efficiency 91 % Peak intensity 22 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>SEOUL SEMICONDUCTOR</p> <p>LED SPF05F0A FWHM / FWTM 10.0° / 19.0° Efficiency 89 % Peak intensity 21.6 cd/lm LEDs/each optic 1 Light colour RGBW Required components:</p>		

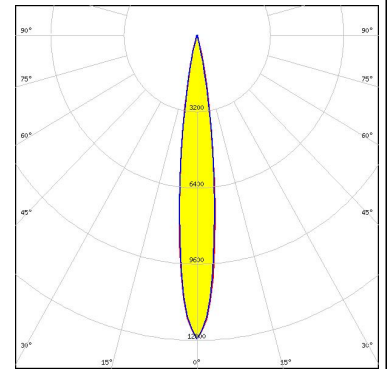
PHOTOMETRIC DATA (MEASURED):

<p> SEIOUL SEMICONDUCTOR</p> <p>LED SPF05F0B</p> <p>FWHM / FWTM 11.0° / 20.0°</p> <p>Efficiency 90 %</p> <p>Peak intensity 18.9 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour RGBW</p> <p>Required components:</p>		
<p> SEIOUL SEMICONDUCTOR</p> <p>LED SPF05F0C</p> <p>FWHM / FWTM 12.0° / 22.0°</p> <p>Efficiency 89 %</p> <p>Peak intensity 15.4 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour RGBW</p> <p>Required components:</p>		

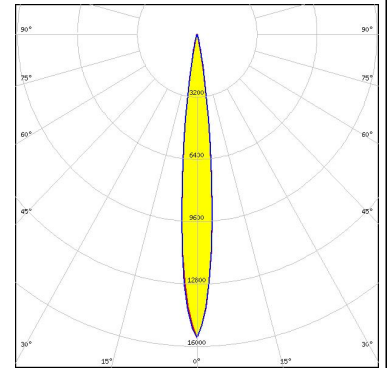
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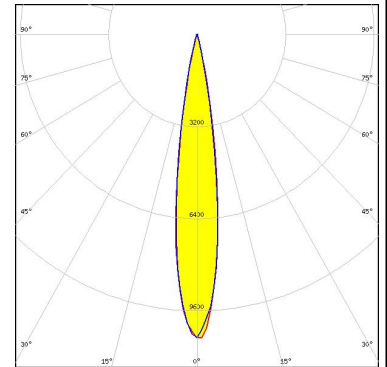
LED CLQ6A-TKW
 FWHM / FWTM 13.7° / 26.1°
 Efficiency 94 %
 Peak intensity 12.7 cd/lm
 LEDs/each optic 1
 Light colour RGBW
 Required components:



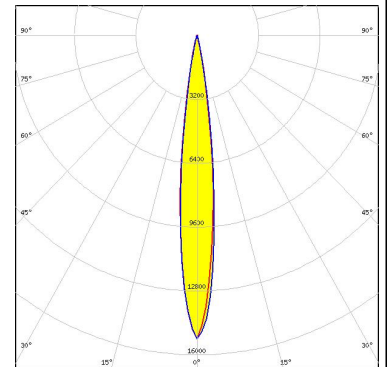
LED XHP35.2
 FWHM / FWTM 12.0° / 22.0°
 Efficiency 88 %
 Peak intensity 15.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED XHP50
 FWHM / FWTM 16.0° / 27.0°
 Efficiency 91 %
 Peak intensity 10.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



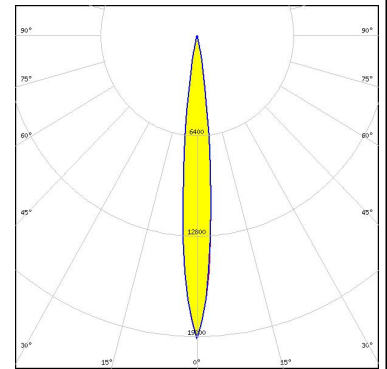
LED XM-L RGB
 FWHM / FWTM 13.0° / 23.0°
 Efficiency 93 %
 Peak intensity 15.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



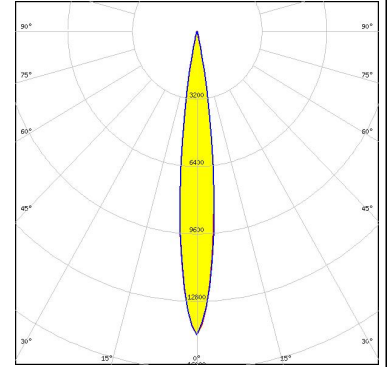
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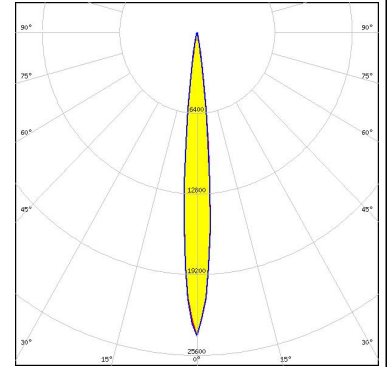
LED XP-G2 HE
 FWHM / FWTM 11.0° / 22.0°
 Efficiency 92 %
 Peak intensity 19.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



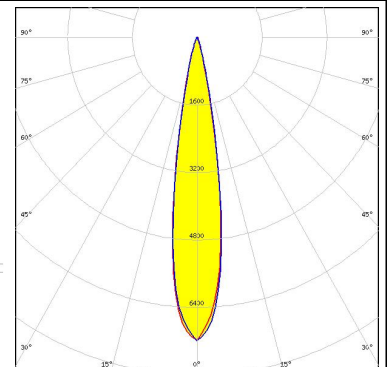
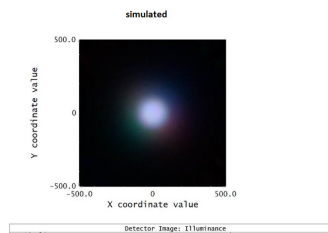
LED XQ-E HI
 FWHM / FWTM 14.0° / 24.0°
 Efficiency 90 %
 Peak intensity 14.4 cd/lm
 LEDs/each optic 4
 Light colour RGBW
 Required components:



LED XT-E
 FWHM / FWTM 10.0° / 19.0°
 Efficiency 91 %
 Peak intensity 24.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



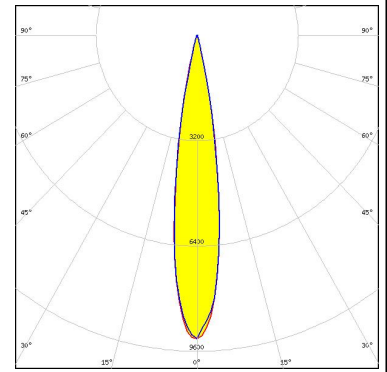
LED LUXEON C
 FWHM / FWTM 18.0 + °
 Efficiency 86 %
 Peak intensity 7.2 cd/lm
 LEDs/each optic 4
 Light colour RGBW
 Required components:



PHOTOMETRIC DATA (SIMULATED):

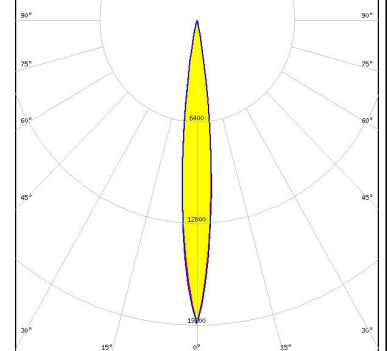
LUMILEDS

LED LUXEON M/MX
 FWHM / FWTM 17.0° / 28.0°
 Efficiency 91 %
 Peak intensity 9.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



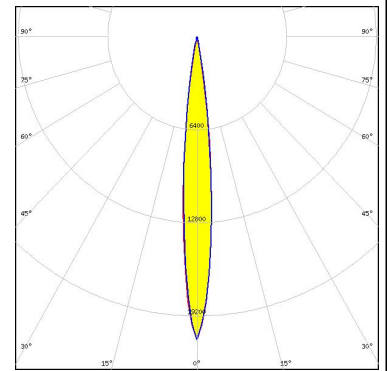
LUMILEDS

LED LUXEON Rubix (white)
 FWHM / FWTM 12.0° / 21.0°
 Efficiency 92 %
 Peak intensity 19.1 cd/lm
 LEDs/each optic 4
 Light colour RGBW
 Required components:



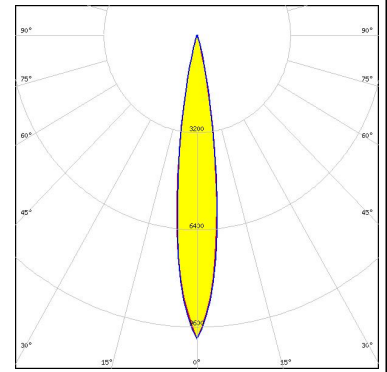
LUMILEDS

LED LUXEON Z
 FWHM / FWTM 11.0° / 20.0°
 Efficiency 91 %
 Peak intensity 21 cd/lm
 LEDs/each optic 4
 Light colour RGBW
 Required components:



NICHIA

LED NV4x144A
 FWHM / FWTM 16.0° / 28.0°
 Efficiency 89 %
 Peak intensity 10 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

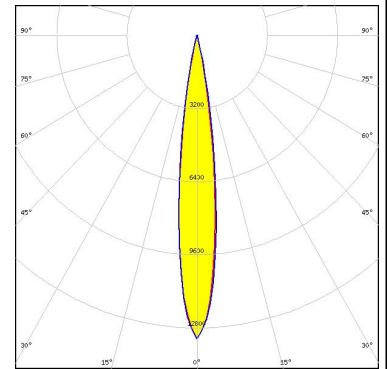


PHOTOMETRIC DATA (SIMULATED):

OSRAM

Opto Semiconductors

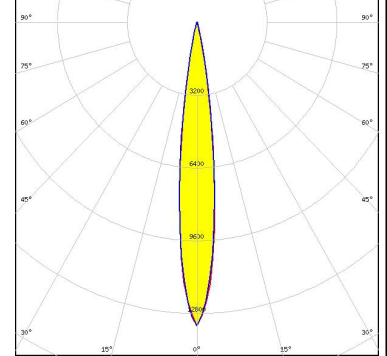
LED DURIS E 5050 RGBW
 FWHM / FWTM 14.0° / 24.0 + 26.0°
 Efficiency 93 %
 Peak intensity 13.3 cd/lm
 LEDs/each optic 1
 Light colour RGBW
 Required components:



OSRAM

Opto Semiconductors

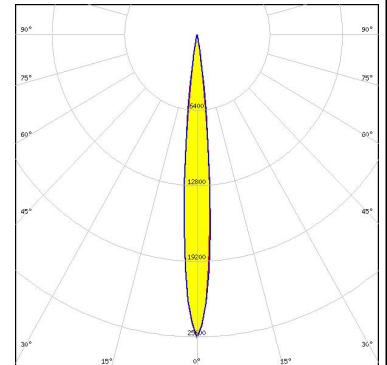
LED Duris S8
 FWHM / FWTM 14.0° / 25.0°
 Efficiency 92 %
 Peak intensity 13.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OSRAM

Opto Semiconductors

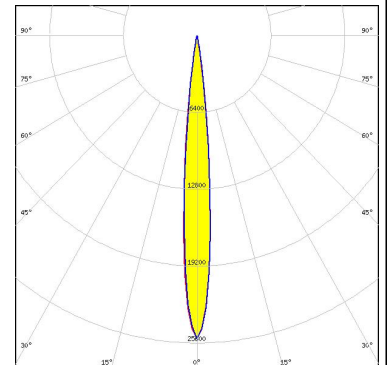
LED OSCONIQ P 3737 (2W version)
 FWHM / FWTM 10.0° / 19.0°
 Efficiency 94 %
 Peak intensity 25.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OSRAM

Opto Semiconductors

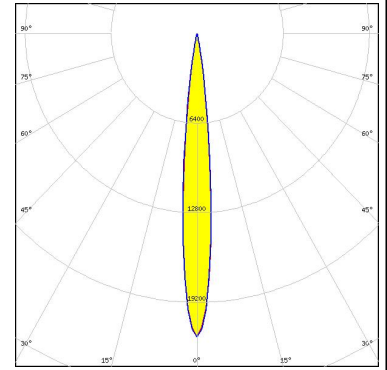
LED OSOLON Square CSSRM2/CSSRM3
 FWHM / FWTM 10.0° / 19.0°
 Efficiency 93 %
 Peak intensity 25.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (SIMULATED):

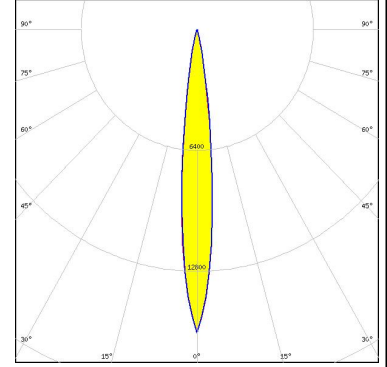
SAMSUNG

LED LH351B
 FWHM / FWTM 11.0° / 20.0°
 Efficiency 93 %
 Peak intensity 21.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

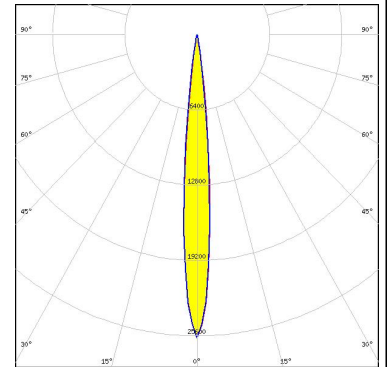


SAMSUNG

LED LH351D
 FWHM / FWTM 12.0° / 24.0°
 Efficiency 92 %
 Peak intensity 16.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



SEOUL SEMICONDUCTOR
 LED Z5M1/Z5M2
 FWHM / FWTM 10.0° / 19.0°
 Efficiency 93 %
 Peak intensity 25.8 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.

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LEDiL Oy

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Shipping locations

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Hong Kong, China

Distribution Partners

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