

LEILA-Y-WW

~55° wide beam. 14.8 mm high assembly with black holder, installation tape and pins.

SPECIFICATION:

Dimensions	Ø 21.6
Height	14.8 mm
ROHS compliant	yes ⓘ

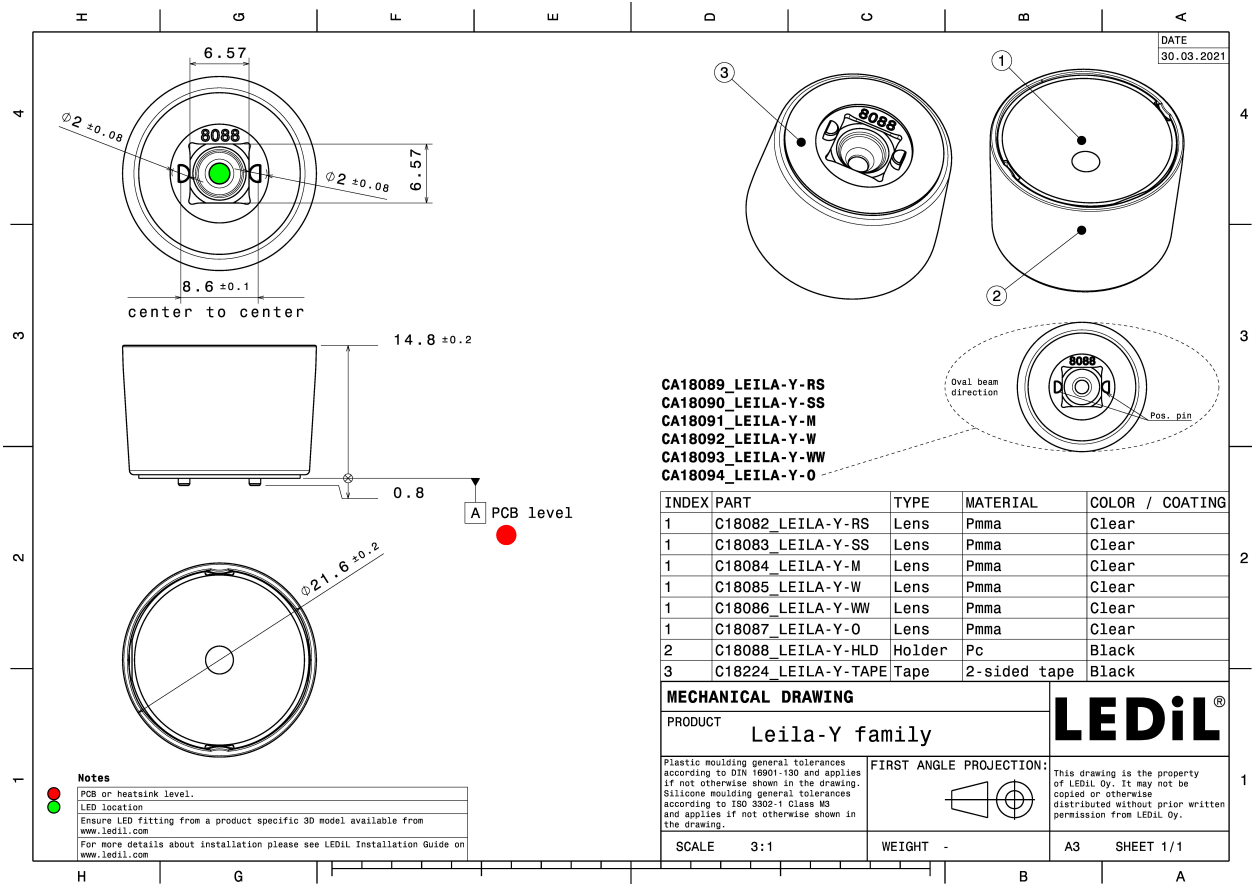


MATERIALS:

Component	Type	Material	Colour	Finish	Length (mm)
LEILA-Y-WW	Single lens	PMMA	clear		
LEILA-Y-HLD	Holder	PC	black	gloss	
LEILA-Y-TAPE	Tape	Acryl tape			

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
CA18093_LEILA-Y-WW	1800	180	180	6.9
» Box size: 476 x 273 x 197 mm				

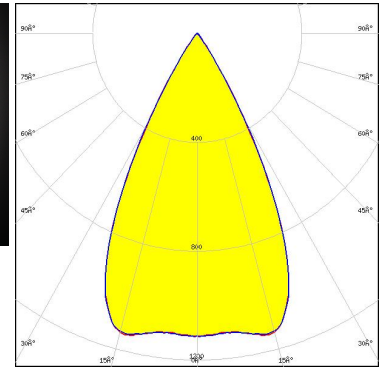


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):



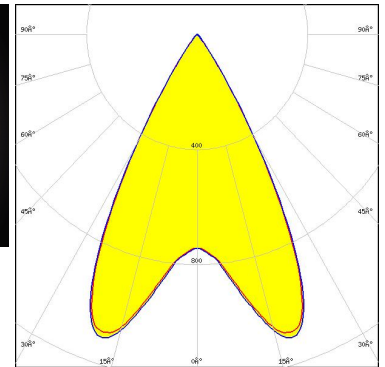
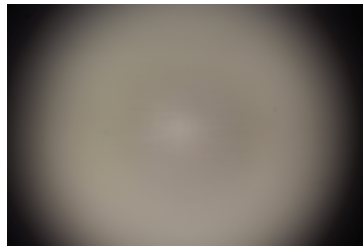
LED XHP35 HI
FWHM / FWTM 54.0° / 69.0°
Efficiency 85 %
Peak intensity 1.2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



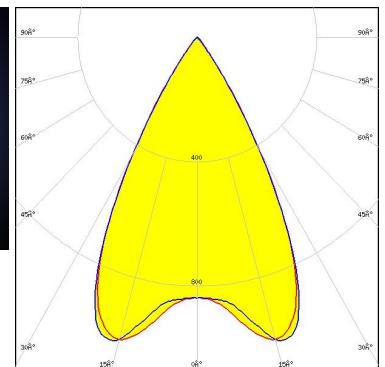
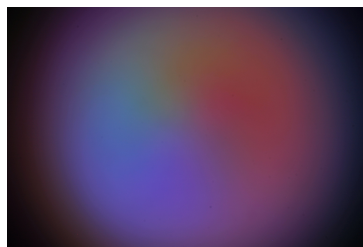
LED XP-G4
FWHM / FWTM 56.0° / 71.0°
Efficiency 87 %
Peak intensity 1.2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED XP-L RGBW HD
FWHM / FWTM 56.0° / 73.0°
Efficiency 84 %
Peak intensity 1.2 cd/lm
LEDs/each optic 1
Light colour/type RGBW
Required components:

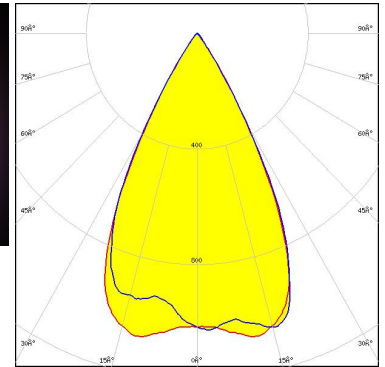
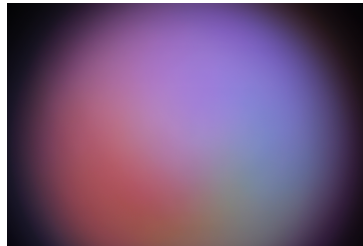


Light distribution files

OPTICAL RESULTS (MEASURED):



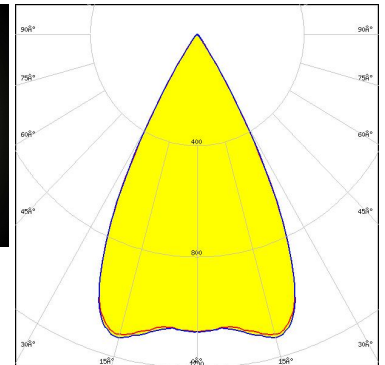
LED XP-L RGBW HI
FWHM / FWTM 55.0° / 70.0°
Efficiency 80 %
Peak intensity 1.2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



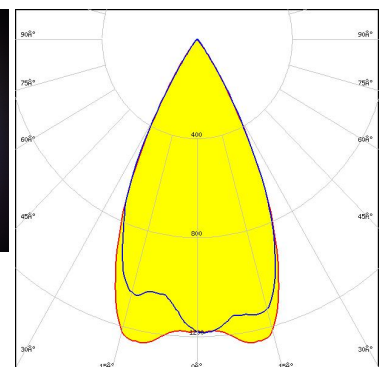
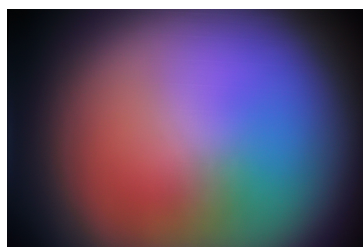
LED NVSW719AC
FWHM / FWTM 55.0° / 69.0°
Efficiency 86 %
Peak intensity 1.2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED OSLO Pure 1414
FWHM / FWTM 52.0° / 68.0°
Efficiency 84 %
Peak intensity 1.4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

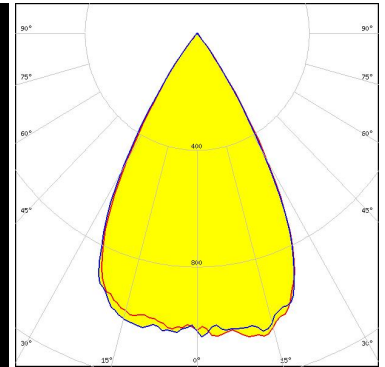


Light distribution files

OPTICAL RESULTS (SIMULATED):



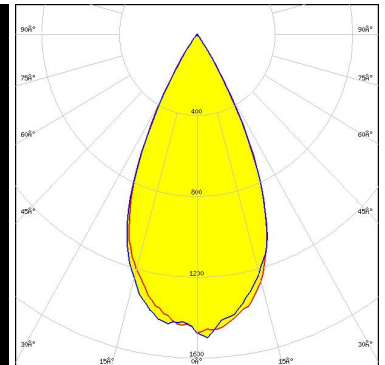
LED Bridgelux SMD 3535 (3B1)
 FWHM / FWTM 59.0° / 74.0 + 75.0°
 Efficiency 88 %
 Peak intensity 1.1 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



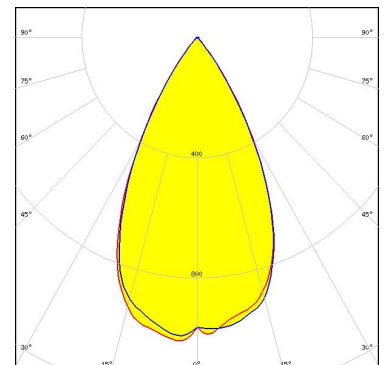
LED J Series 3030C
 FWHM / FWTM 50.0° / 67.0 + 68.0°
 Efficiency 88 %
 Peak intensity 1.5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED XHP35.2 HD
 FWHM / FWTM 54.0° / 76.0°
 Efficiency 76 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

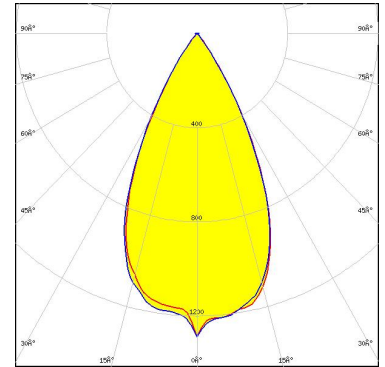


Light distribution files

OPTICAL RESULTS (SIMULATED):



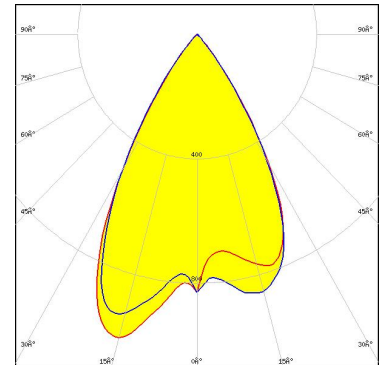
LED XHP35.2 HI
FWHM / FWTM 52.0° / 72.0°
Efficiency 86 %
Peak intensity 1.3 cd/Im
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



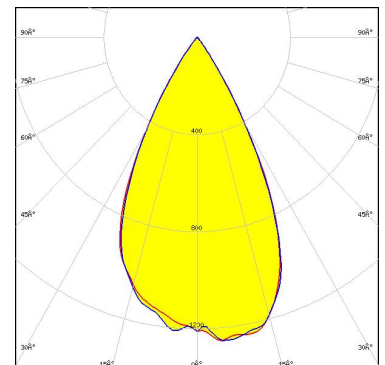
LED XM-L RGBW (XMLDCL HD)
FWHM / FWTM 60.0° / 80.0°
Efficiency 84 %
Peak intensity 1.1 cd/Im
LEDs/each optic 1
Light colour/type RGBW
Required components:



Light distribution files



LED XM-L RGBW (XMLDCL HI)
FWHM / FWTM 54.0° / 72.0°
Efficiency 88 %
Peak intensity 1.3 cd/Im
LEDs/each optic 1
Light colour/type RGBW
Required components:

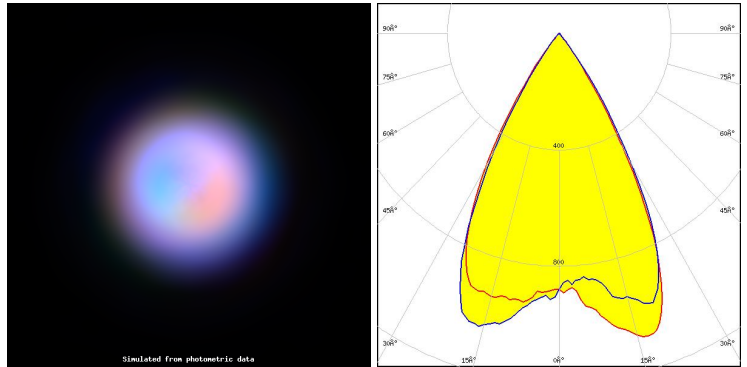


Light distribution files

OPTICAL RESULTS (SIMULATED):



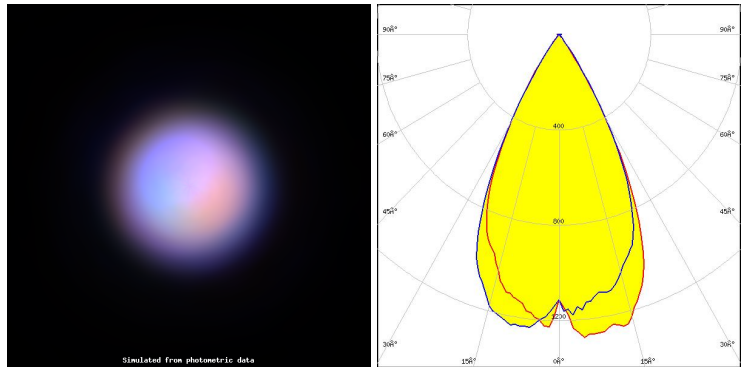
LED XP-L RGBW HD
FWHM / FWTM 58.0 + 59.0° / 75.0°
Efficiency 88 %
Peak intensity 1.1 cd/lm
LEDs/each optic 1
Light colour/type RGBW
Required components:



Light distribution files



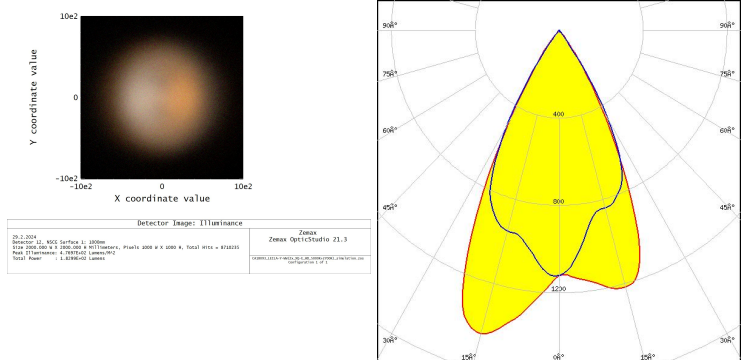
LED XP-L RGBW HI
FWHM / FWTM 53.0 + 54.0° / 70.0°
Efficiency 87 %
Peak intensity 1.3 cd/lm
LEDs/each optic 1
Light colour/type RGBW
Required components:



Light distribution files

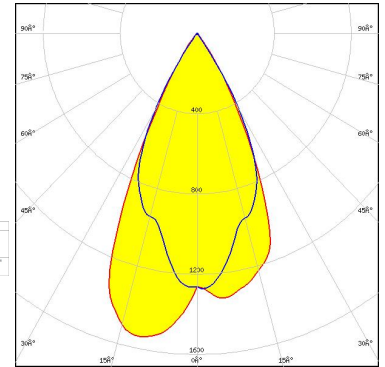


LED XQ-E HD
FWHM / FWTM 53.0 + 57.0° / 72.0°
Efficiency 90 %
Peak intensity 1.4 cd/lm
LEDs/each optic 2
Light colour/type White
Required components:



Light distribution files

CREE
LEDs

[illegible]

Light distribution files



Light distribution files

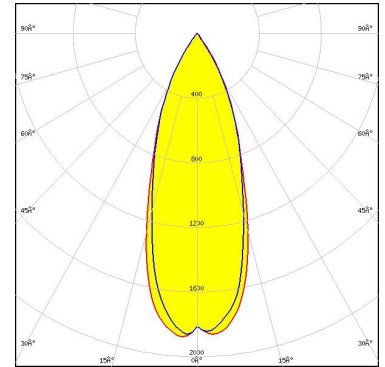


Light distribution files

OPTICAL RESULTS (SIMULATED):



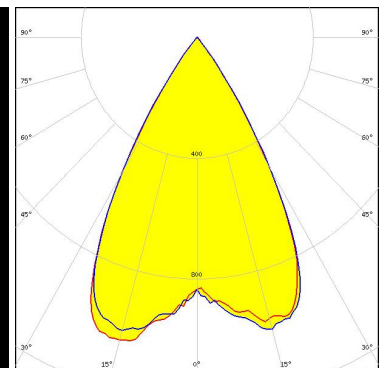
LED LUXEON 5050 Square LES
 FWHM / FWTM 38.0° / 68.0°
 Efficiency 87 %
 Peak intensity 1.9 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



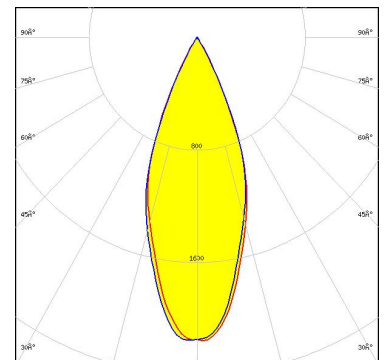
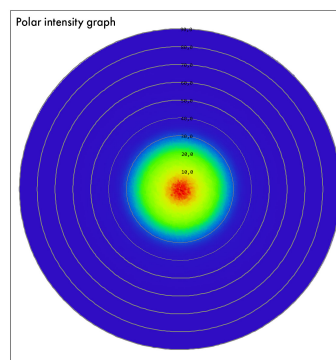
LED LUXEON HL2X-V
 FWHM / FWTM 60.0° / 74.0° + 76.0°
 Efficiency 88 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED LUXEON IR domed 50 (L110-0xxx050200000)
 FWHM / FWTM 39.0° / 60.0°
 Efficiency 88 %
 LEDs/each optic 1
 Light colour/type IR
 Required components:

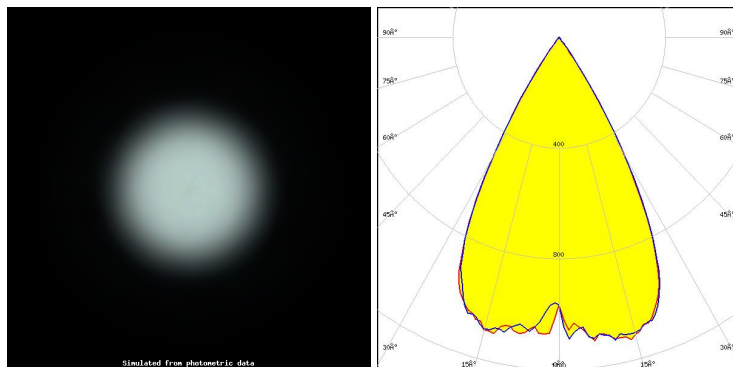


Light distribution files

OPTICAL RESULTS (SIMULATED):



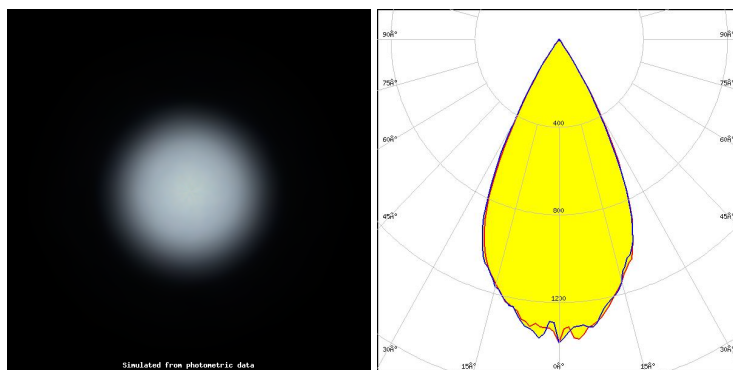
LED SFT-40 Gen2
 FWHM / FWTM 58.0° / 72.0°
 Efficiency 91 %
 Peak intensity 1.1 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



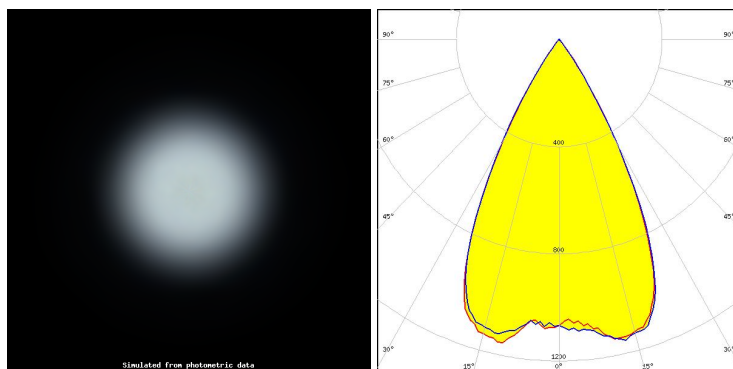
LED SST-20 Gen2
 FWHM / FWTM 52.0° / 68.0° + 69.0°
 Efficiency 87 %
 Peak intensity 1.4 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED SST-20F-W
 FWHM / FWTM 56.0° + 57.0° / 72.0°
 Efficiency 90 %
 Peak intensity 1.2 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

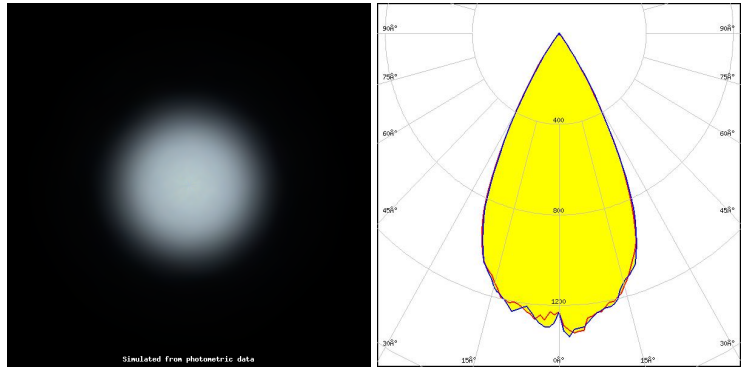


Light distribution files

OPTICAL RESULTS (SIMULATED):



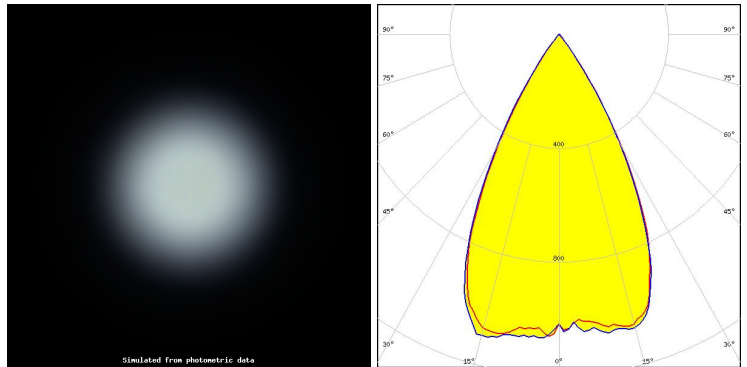
LED SST-25-W
 FWHM / FWTM 52.0° / 69.0 + 70.0°
 Efficiency 87 %
 Peak intensity 1.4 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



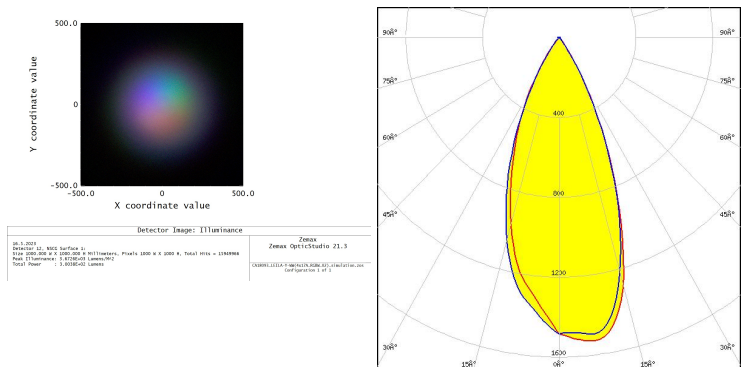
LED SST-36F-W
 FWHM / FWTM 57.0° / 74.0°
 Efficiency 87 %
 Peak intensity 1.1 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED NCSxE17A
 FWHM / FWTM 42.0° / 67.0°
 Efficiency 78 %
 Peak intensity 1.7 cd/lm
 LEDs/each optic 4
 Light colour/type RGBW
 Required components:

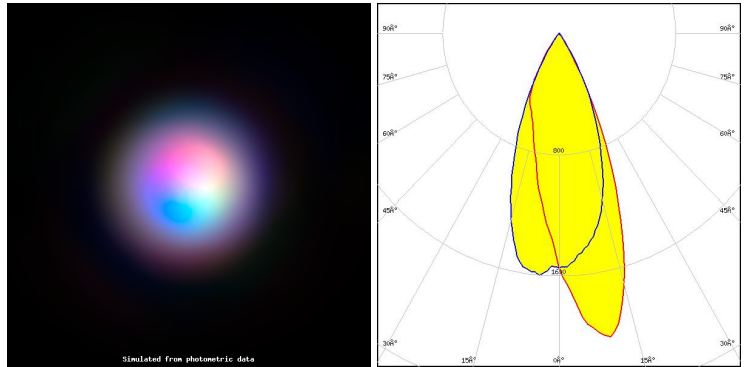


Light distribution files

OPTICAL RESULTS (SIMULATED):



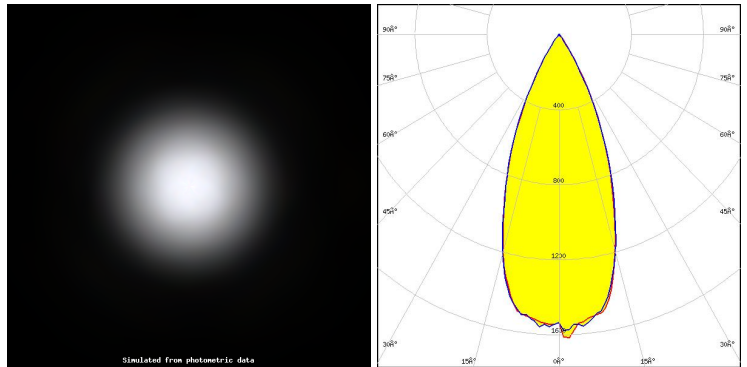
LED NCSxE17A
 FWHM / FWTM 30.0 + 43.0° / 64.0 + 66.0°
 Efficiency 82 %
 Peak intensity 2 cd/lm
 LEDs/each optic 4
 Light colour/type RGBW
 Required components:



Light distribution files



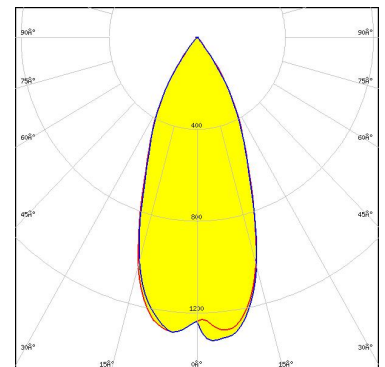
LED NCSxE17A
 FWHM / FWTM 42.0° / 66.0°
 Efficiency 80 %
 Peak intensity 1.6 cd/lm
 LEDs/each optic 4
 Light colour/type White
 Required components:



Light distribution files



LED NV4x144A
 FWHM / FWTM 43.0° / 74.0°
 Efficiency 77 %
 Peak intensity 1.3 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

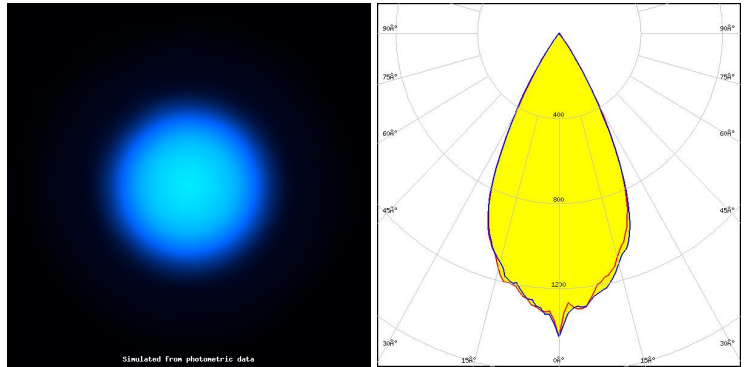


Light distribution files

OPTICAL RESULTS (SIMULATED):



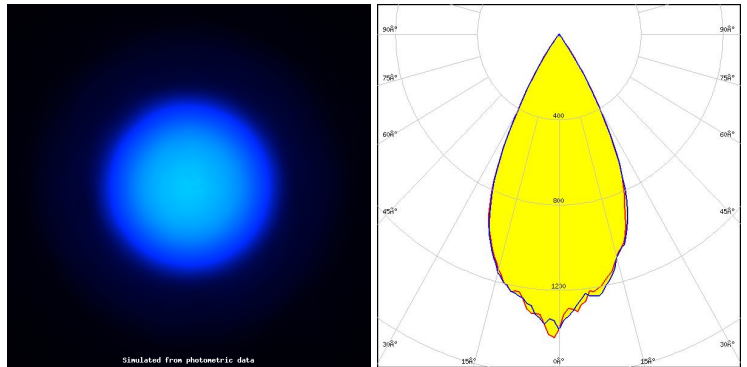
LED NVSB219GL-L1
 FWHM / FWTM 51.0° / 70.0° + 69.0°
 Efficiency 86 %
 Peak intensity 1.4 cd/Im
 LEDs/each optic 1
 Light colour/type Blue
 Required components:



Light distribution files



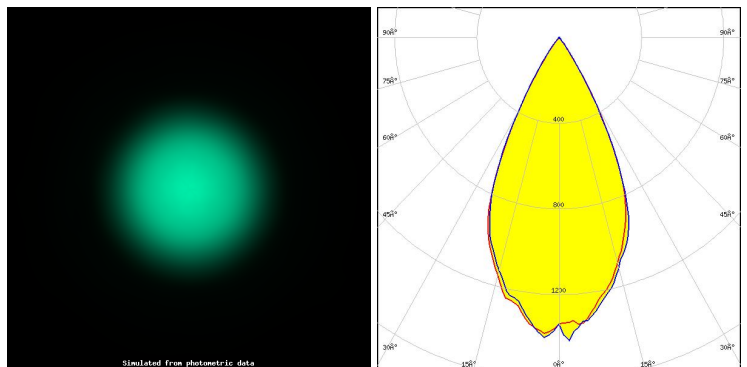
LED NVSC219GL-L1
 FWHM / FWTM 51.0 + 52.0° / 69.0 + 70.0°
 Efficiency 86 %
 Peak intensity 1.4 cd/Im
 LEDs/each optic 1
 Light colour/type Royal Blue
 Required components:



Light distribution files



LED NVSE219GL-L1
 FWHM / FWTM 51.0 + 50.0° / 70.0 + 69.0°
 Efficiency 86 %
 Peak intensity 1.4 cd/Im
 LEDs/each optic 1
 Light colour/type Cyan
 Required components:

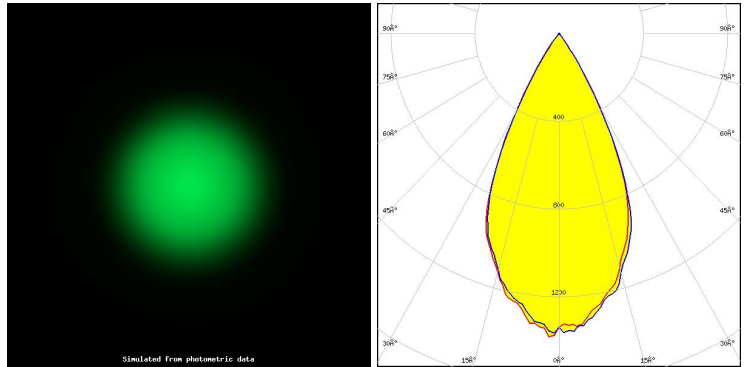


Light distribution files

OPTICAL RESULTS (SIMULATED):



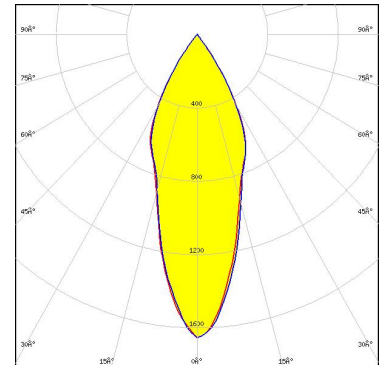
LED NVSG219GL-L1
 FWHM / FWTM 52.0° / 69.0 + 70.0°
 Efficiency 86 %
 Peak intensity 1.4 cd/lm
 LEDs/each optic 1
 Light colour/type Green
 Required components:



Light distribution files



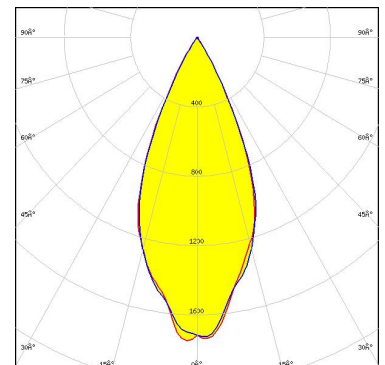
LED NVSW519A
 FWHM / FWTM 35.0° / 72.0°
 Efficiency 82 %
 Peak intensity 1.7 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED NVSxE21A
 FWHM / FWTM 44.0° / 62.0°
 Efficiency 83 %
 Peak intensity 1.8 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

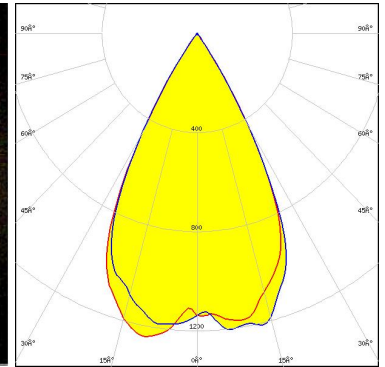
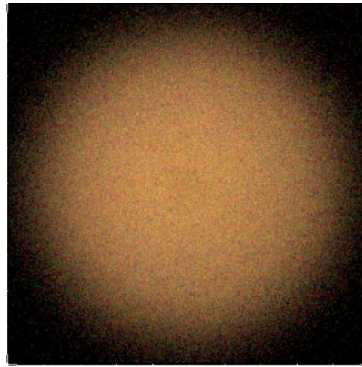


Light distribution files

OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

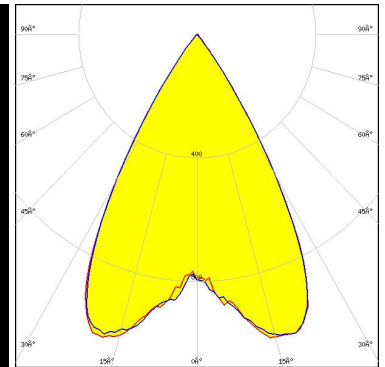
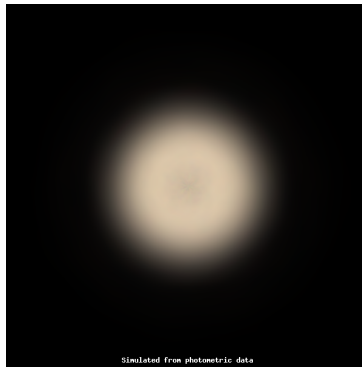
LED OSLON SSL 150
FWHM / FWTM 55.0° / 68.0°
Efficiency 88 %
Peak intensity 1.2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

SEOL
SEOUL SEMICONDUCTOR

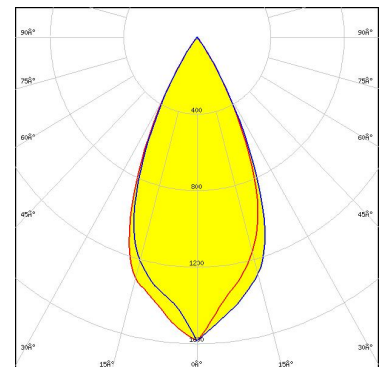
LED Z5M3-E1
FWHM / FWTM 60.0 + 61.0° / 75.0 + 76.0°
Efficiency 90 %
Peak intensity 1.1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

SEOL
SEOUL SEMICONDUCTOR

LED Z5M4
FWHM / FWTM 47.0° / 68.0°
Efficiency 89 %
Peak intensity 1.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

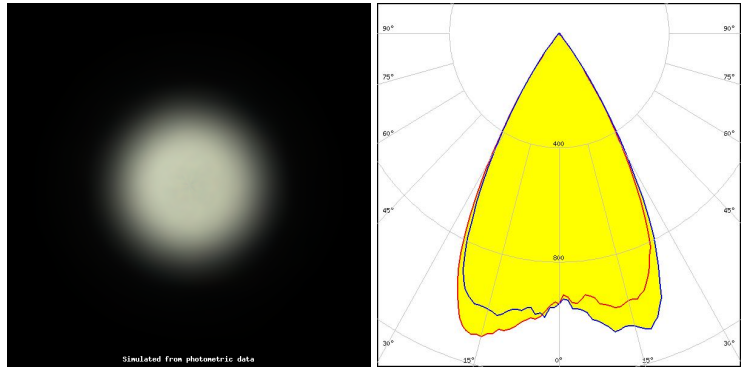


Light distribution files

OPTICAL RESULTS (SIMULATED):



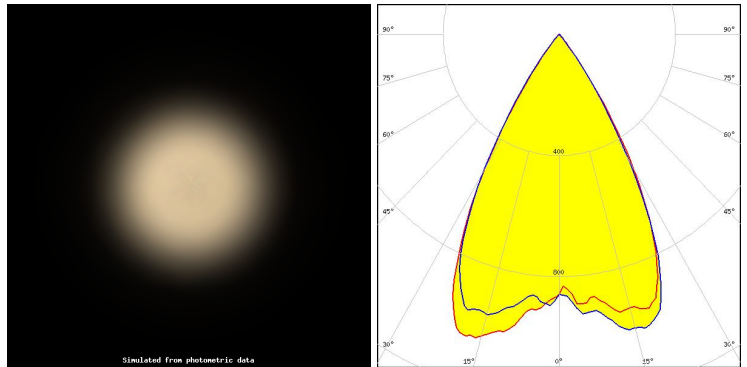
LED Z5M4-E1
FWHM / FWTM 58.0° / 74.0°
Efficiency 88 %
Peak intensity 1.1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED Z5M4-E2
FWHM / FWTM 60.0° / 76.0°
Efficiency 87 %
Peak intensity 1.1 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.

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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P.R.CHINA

Local sales and technical support

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

Shipping locations

Poznan, Poland
Hong Kong, China

Distribution Partners

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