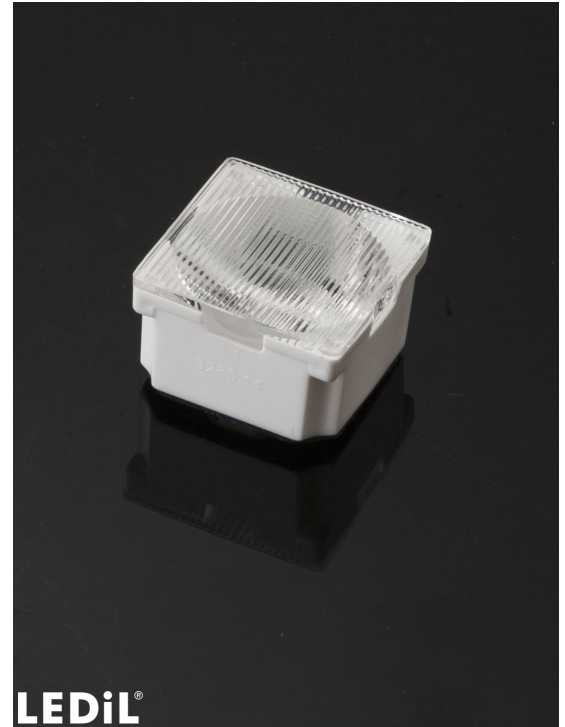


G2-LAURA-O-WAS-P

Asymmetric oval beam for wall-washing. Assembly with thinner white holder, installation tape and location pins.

SPECIFICATION:

Dimensions	21.6 x 21.6
Height	13.1 mm
Fastening	tape, pin
ROHS compliant	yes ⓘ

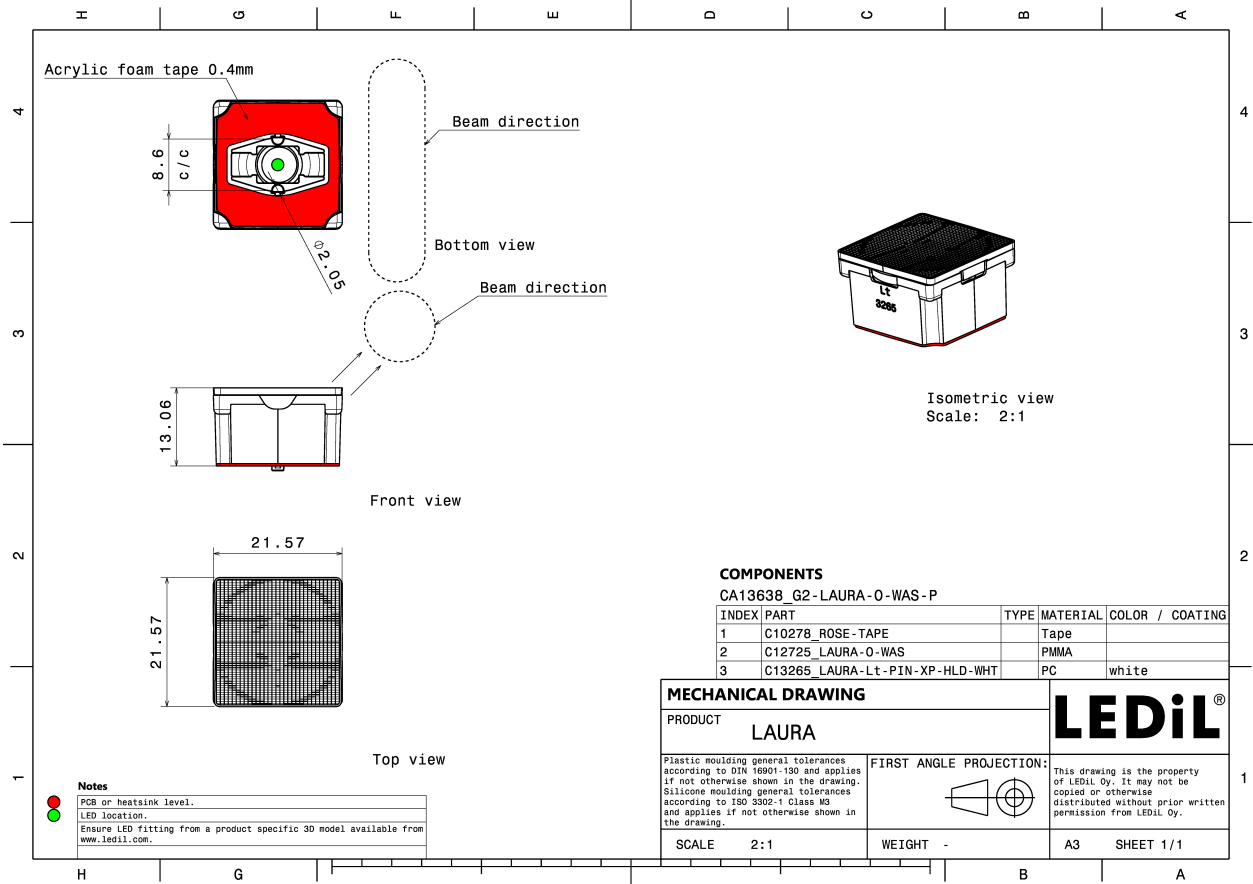


MATERIALS:

Component	Type	Material	Colour	Finish	Length (mm)
LAURA-O-WAS	Single lens	PMMA	clear		
LAURA-LT-PIN-XP-HLD-WHT	Holder	PC	white		
ROSE-TAPE	Tape	Acrylic foam	black		

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
CA13638_G2-LAURA-O-WAS-P » Box size: 451 x 254 x 152 mm	1440	360	180	5.9

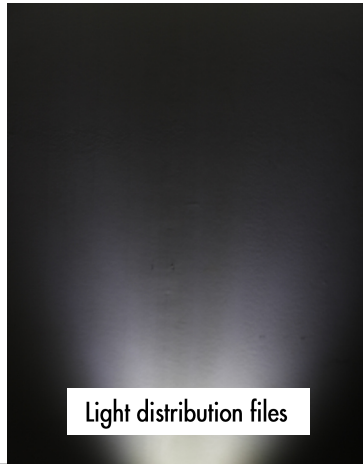


See also our general installation guide: www.ledil.com/installation_guide

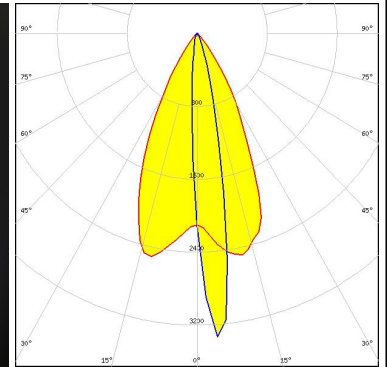
OPTICAL RESULTS (MEASURED):



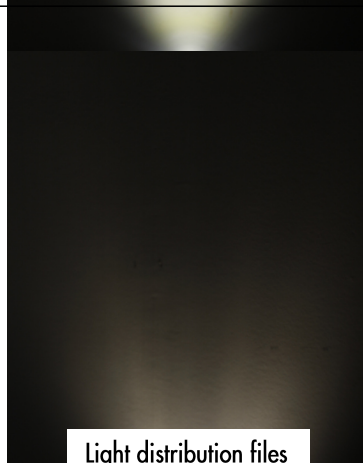
LED XB-D
 FWHM / FWTM Asymmetric
 Efficiency 87 %
 Peak intensity 4 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



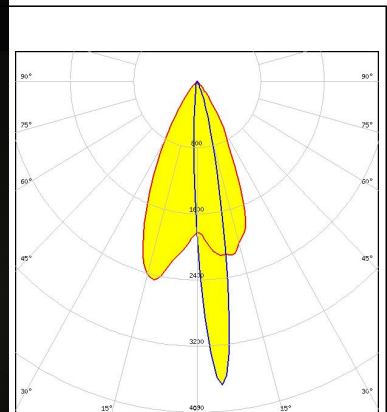
Light distribution files



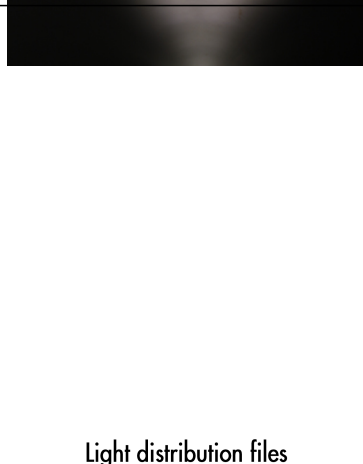
LED XP-E2
 FWHM / FWTM Asymmetric
 Efficiency 88 %
 Peak intensity 4.8 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED XP-G
 FWHM / FWTM Asymmetric
 Efficiency 84 %
 Peak intensity 2.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



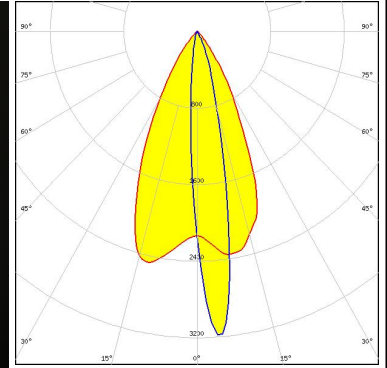
Light distribution files

OPTICAL RESULTS (MEASURED):



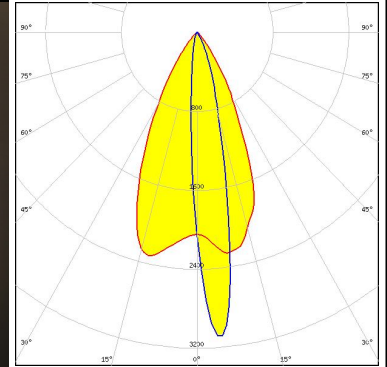
LED XP-G2
 FWHM / FWTM Asymmetric
 Efficiency 88 %
 Peak intensity 3.7 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

Light distribution files



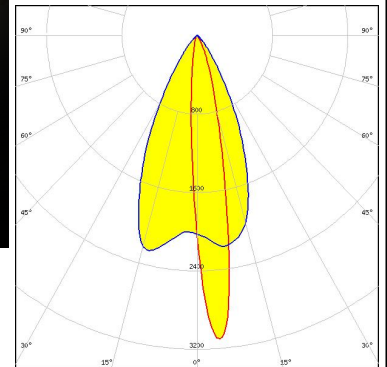
LED XT-E
 FWHM / FWTM Asymmetric
 Efficiency 87 %
 Peak intensity 3.4 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

Light distribution files



LED LUXEON A
 FWHM / FWTM Asymmetric
 Efficiency 86 %
 Peak intensity 3.5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

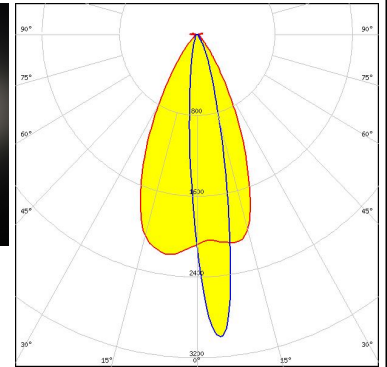
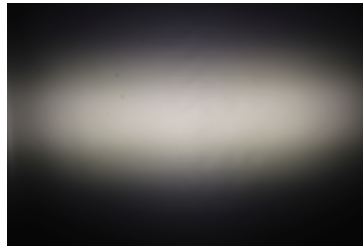
Light distribution files



OPTICAL RESULTS (MEASURED):



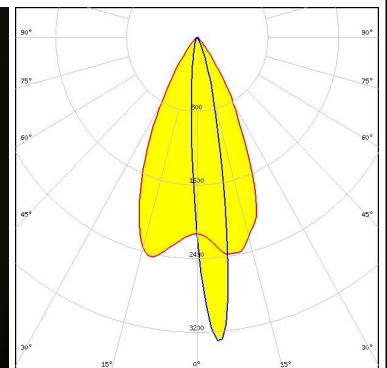
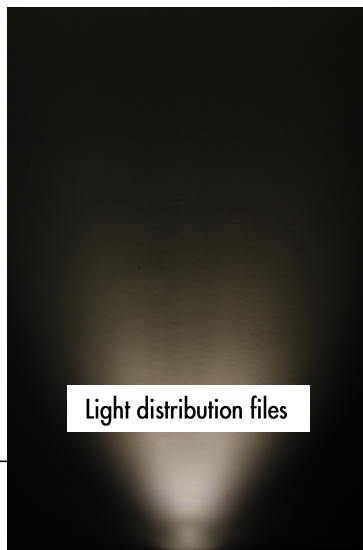
LED NVSW219F
FWHM / FWTM Asymmetric
Efficiency 94 %
Peak intensity 3.2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED OSLO Square EC
FWHM / FWTM Asymmetric
Efficiency 87 %
Peak intensity 3.8 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

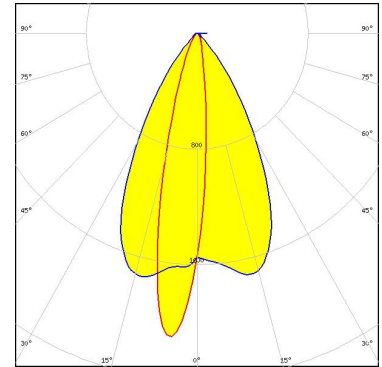


Light distribution files

OPTICAL RESULTS (SIMULATED):



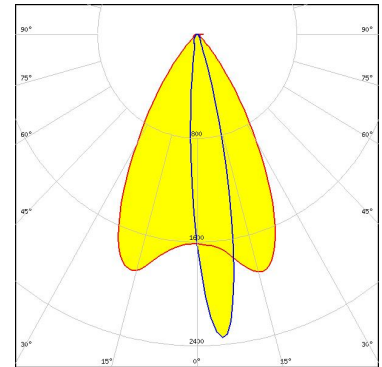
LED LUXEON 3535L
FWHM / FWTM Asymmetric
Efficiency 89 %
Peak intensity 2.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



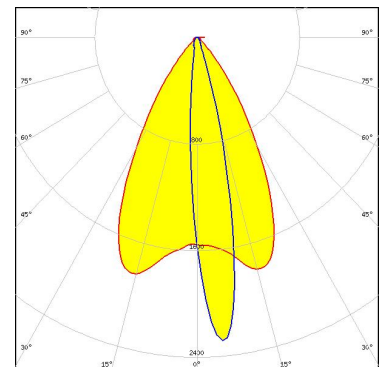
LED LUXEON C
FWHM / FWTM Asymmetric
Efficiency 87 %
Peak intensity 2.7 cd/lm
LEDs/each optic 1
Light colour/type Green
Required components:



Light distribution files



LED LUXEON C
FWHM / FWTM Asymmetric
Efficiency 87 %
Peak intensity 2.6 cd/lm
LEDs/each optic 1
Light colour/type Royal Blue
Required components:

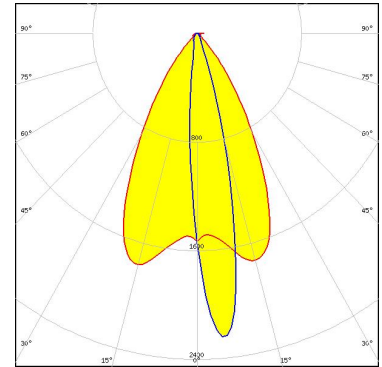


Light distribution files

OPTICAL RESULTS (SIMULATED):



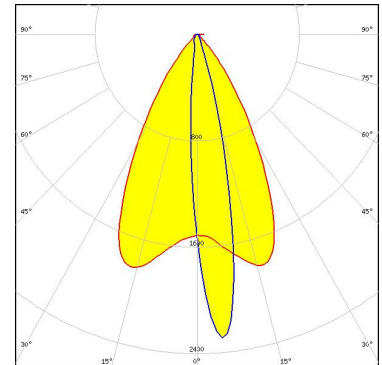
LED LUXEON C
FWHM / FWTM Asymmetric
Efficiency 86 %
Peak intensity 2.6 cd/lm
LEDs/each optic 1
Light colour/type Red
Required components:



Light distribution files



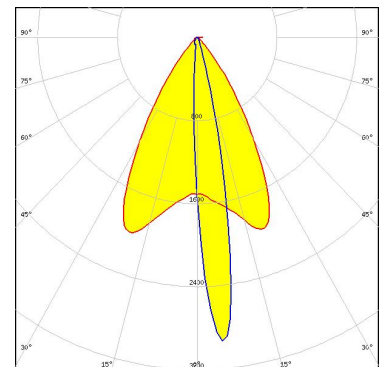
LED LUXEON C
FWHM / FWTM Asymmetric
Efficiency 84 %
Peak intensity 2.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED LUXEON CZ
FWHM / FWTM Asymmetric
Efficiency 90 %
Peak intensity 3.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

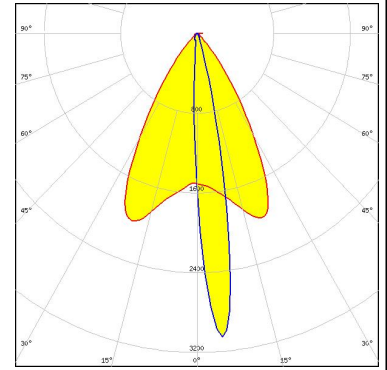


Light distribution files

OPTICAL RESULTS (SIMULATED):



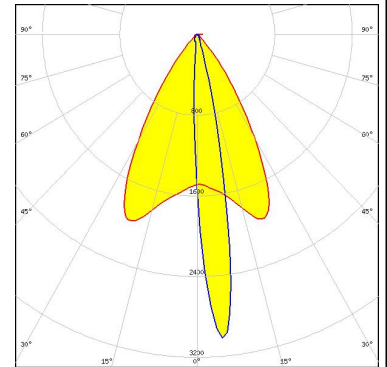
LED LUXEON CZ
FWHM / FWTM Asymmetric
Efficiency 90 %
Peak intensity 3.3 cd/lm
LEDs/each optic 1
Light colour/type Green
Required components:



Light distribution files



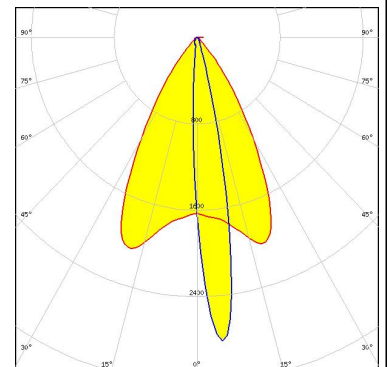
LED LUXEON CZ
FWHM / FWTM Asymmetric
Efficiency 90 %
Peak intensity 3.3 cd/lm
LEDs/each optic 1
Light colour/type Royal Blue
Required components:



Light distribution files



LED LUXEON CZ
FWHM / FWTM Asymmetric
Efficiency 89 %
Peak intensity 3.3 cd/lm
LEDs/each optic 1
Light colour/type Red
Required components:

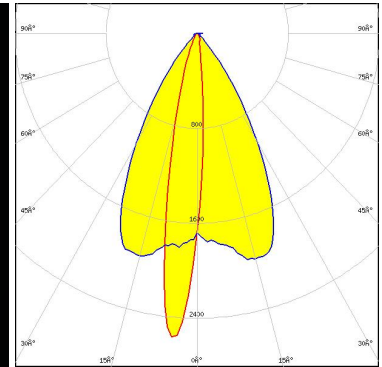


Light distribution files

OPTICAL RESULTS (SIMULATED):



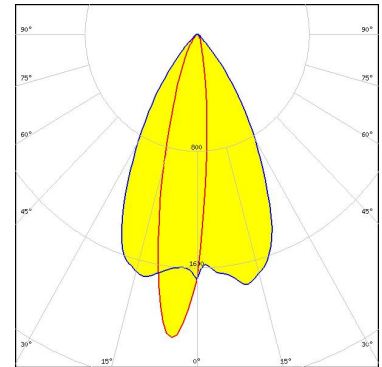
LED SST-20 Gen2
 FWHM / FWTM 13.0 + 62.0° / 29.0 + 86.0°
 Efficiency 90 %
 Peak intensity 2.9 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



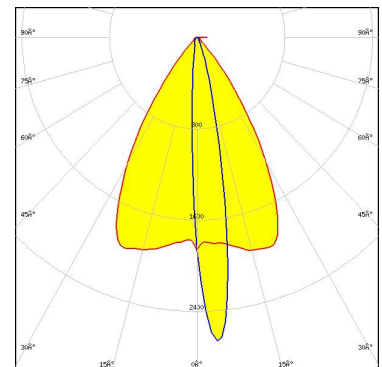
LED NVSW219F
 FWHM / FWTM Asymmetric
 Efficiency 87 %
 Peak intensity 2.3 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED NVSxE21A
 FWHM / FWTM Asymmetric
 Efficiency 89 %
 Peak intensity 2.8 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

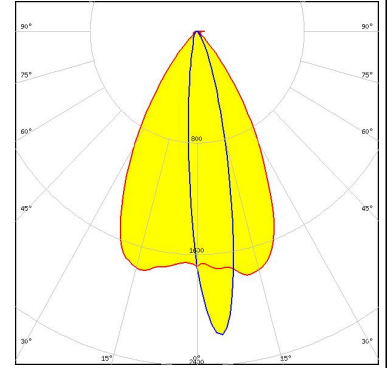


Light distribution files

OPTICAL RESULTS (SIMULATED):



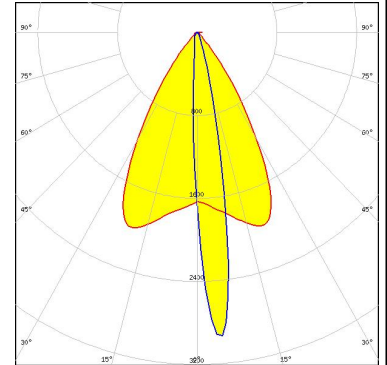
LED NVSxx19B/NVSxx19C
FWHM / FWTM Asymmetric
Efficiency 88 %
Peak intensity 2.4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



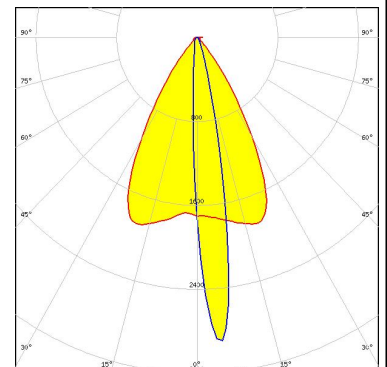
LED OSCONIQ P 3030
FWHM / FWTM Asymmetric
Efficiency 90 %
Peak intensity 3.1 cd/lm
LEDs/each optic 1
Light colour/type Red
Required components:



Light distribution files



LED OSCONIQ P 3030
FWHM / FWTM Asymmetric
Efficiency 89 %
Peak intensity 3.1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

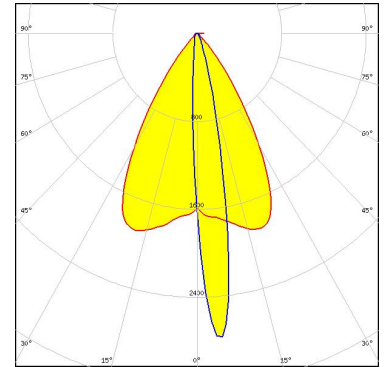


Light distribution files

OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

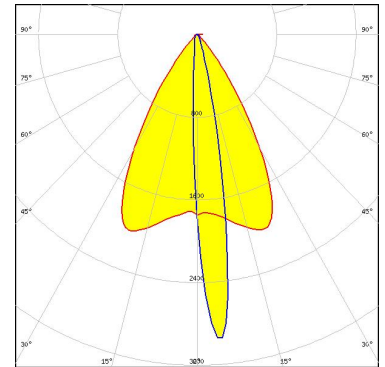
LED OSCONIQ P 3030
FWHM / FWTM Asymmetric
Efficiency 90 %
Peak intensity 2.9 cd/lm
LEDs/each optic 1
Light colour/type Blue
Required components:



Light distribution files

OSRAM
Opto Semiconductors

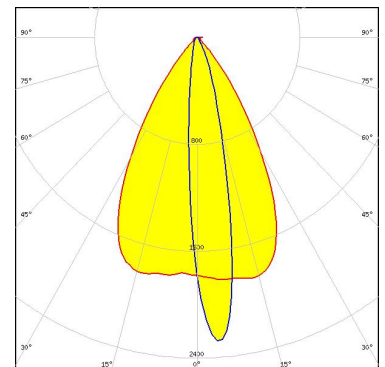
LED OSCONIQ P 3030
FWHM / FWTM Asymmetric
Efficiency 90 %
Peak intensity 3.1 cd/lm
LEDs/each optic 1
Light colour/type True Green
Required components:



Light distribution files

SEMI
SEOUL SEMICONDUCTOR

LED Z5M4
FWHM / FWTM Asymmetric
Efficiency 90 %
Peak intensity 2.4 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.

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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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