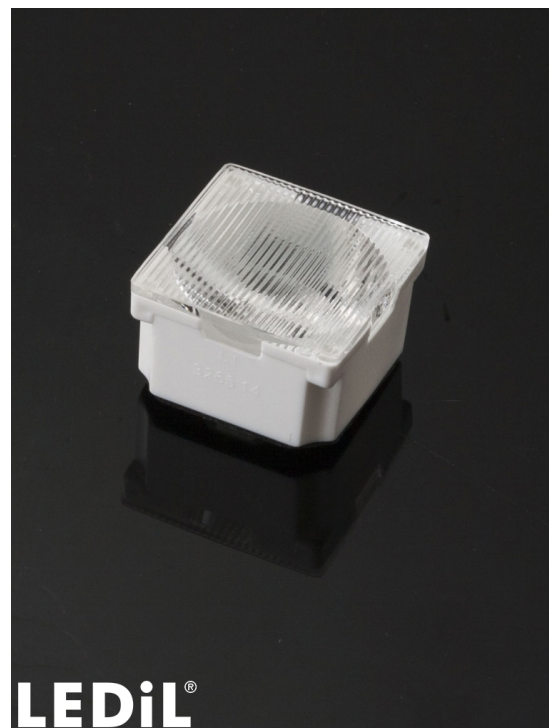


G2-LAURA-O-WAS-P

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

SPECIFICATION:

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

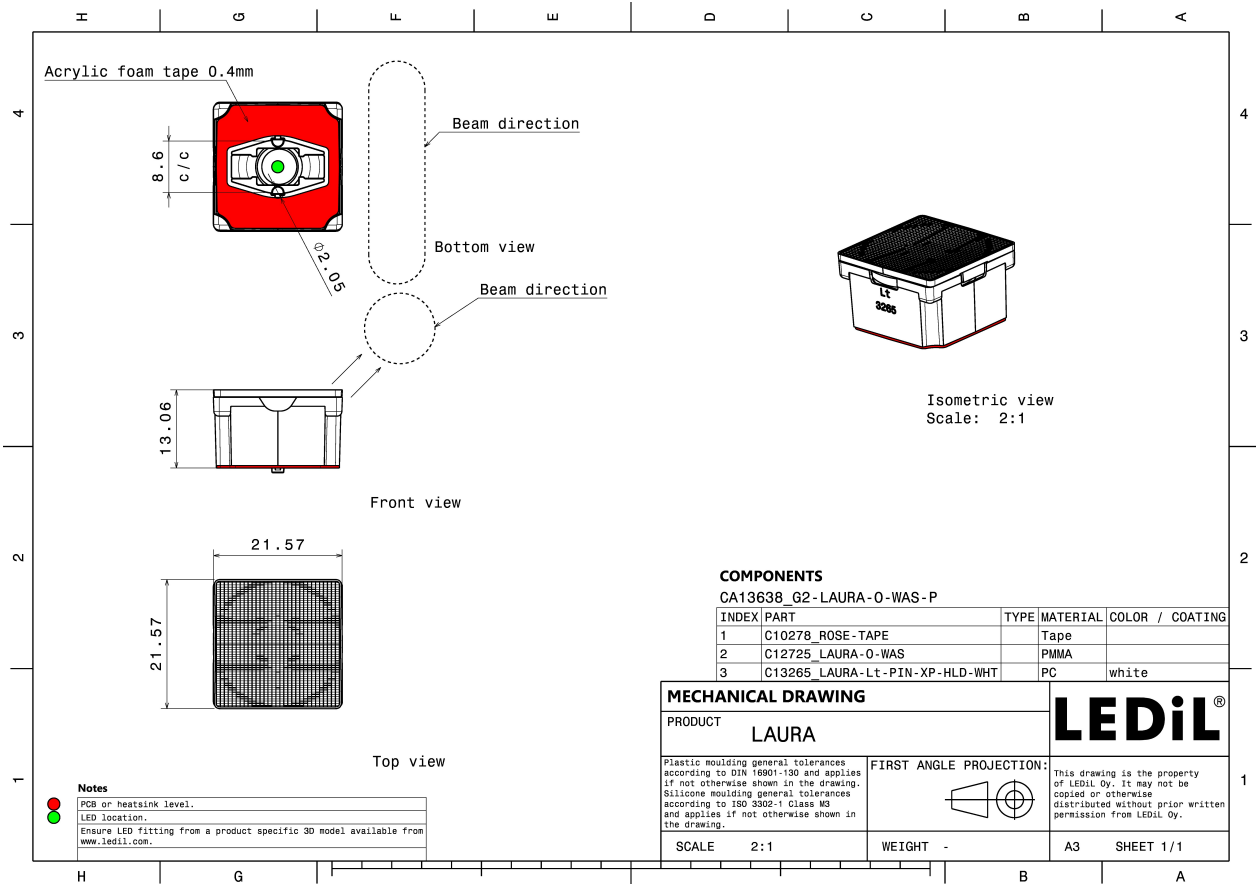


MATERIALS:

Component	Type	Material	Colour	Finish
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	Single lens	1440	360	180	5.9
» Box size: 451 x 254 x 152 mm					

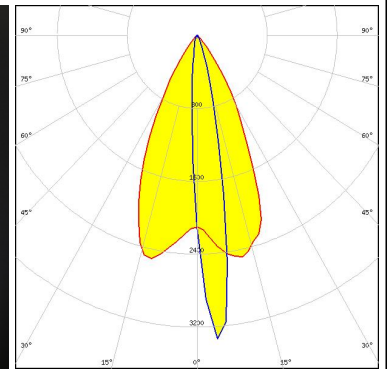


See also our general installation guide: www.ledil.com/installation_guide

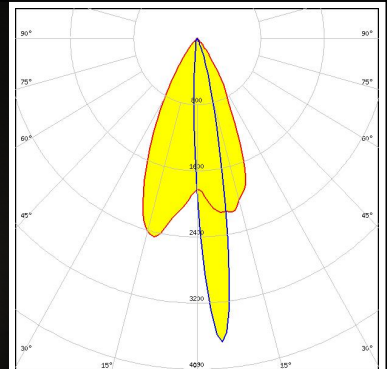
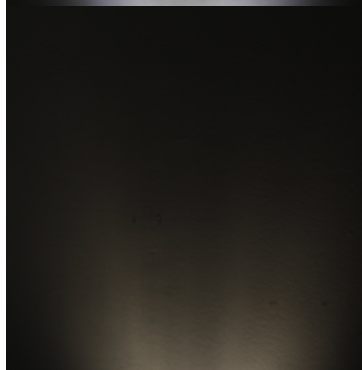
OPTICAL RESULTS (MEASURED):



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



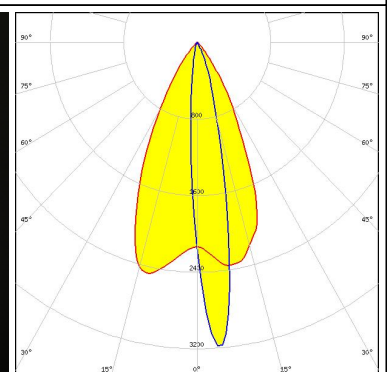
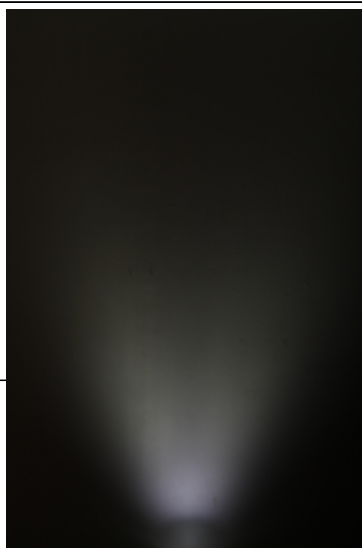
LED XP-E2
FWHM / FWTM Asymmetric
Efficiency 88 %
Peak intensity 4.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:



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



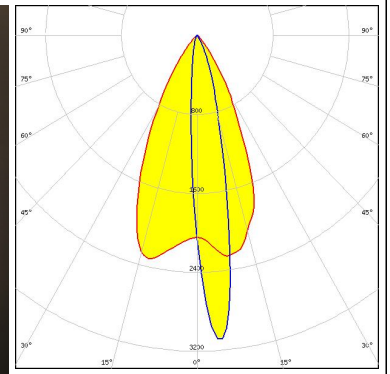
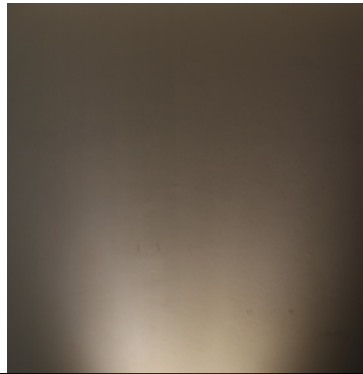
LED XP-G2
FWHM / FWTM Asymmetric
Efficiency 88 %
Peak intensity 3.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



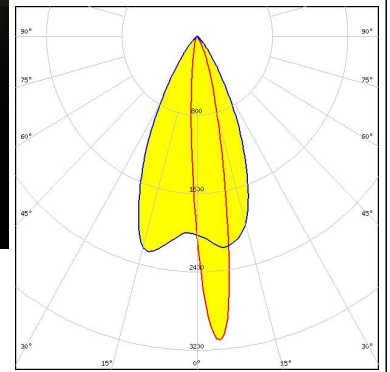
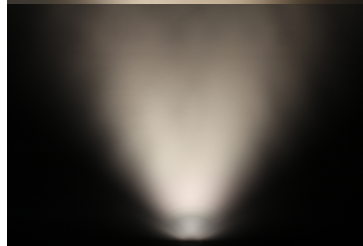
OPTICAL RESULTS (MEASURED):



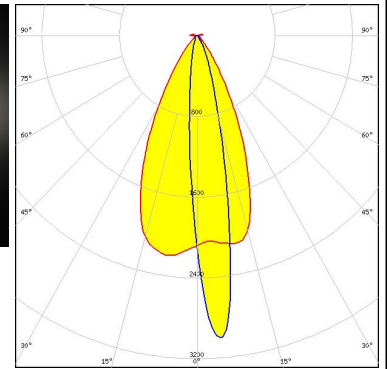
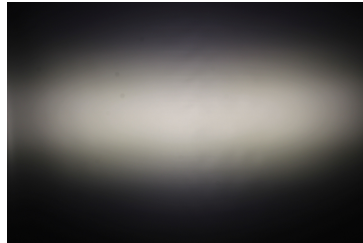
LED XT-E
FWHM / FWTM Asymmetric
Efficiency 87 %
Peak intensity 3.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



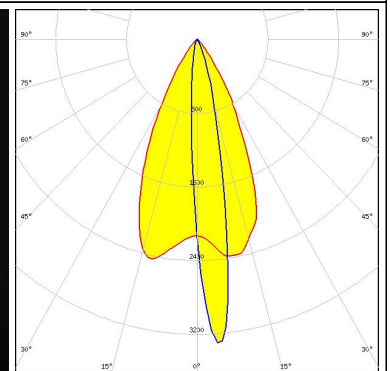
LED LUXEON A
FWHM / FWTM Asymmetric
Efficiency 86 %
Peak intensity 3.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



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



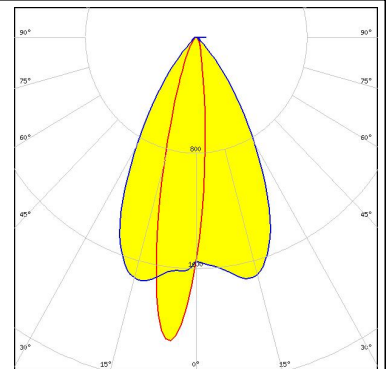
LED OSLOM Square EC
FWHM / FWTM Asymmetric
Efficiency 87 %
Peak intensity 3.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OPTICAL RESULTS (SIMULATED):

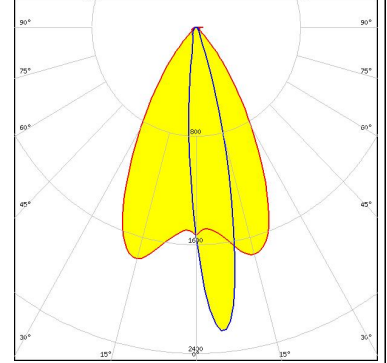
LUMILEDS

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



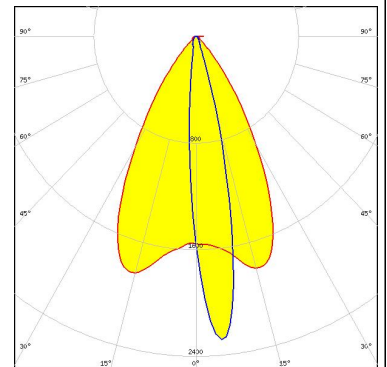
LUMILEDS

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



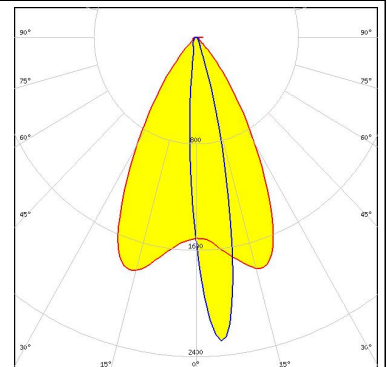
LUMILEDS

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



LUMILEDS

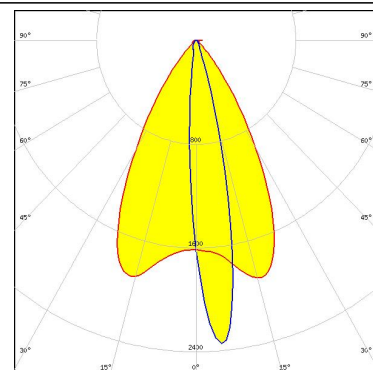
LED LUXEON C
FWHM / FWTM Asymmetric
Efficiency 84 %
Peak intensity 2.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OPTICAL RESULTS (SIMULATED):

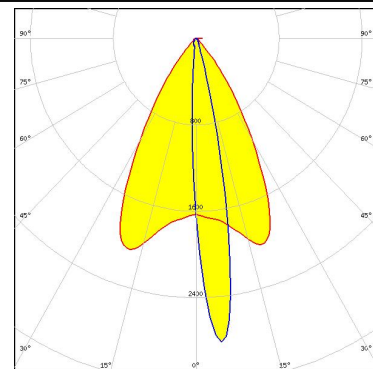
LUMILEDS

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



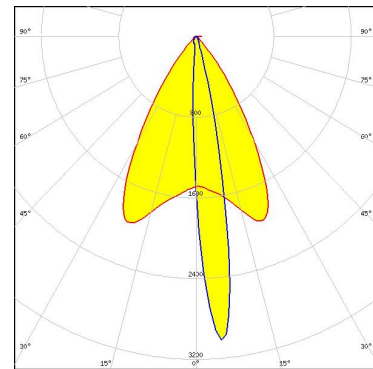
LUMILEDS

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



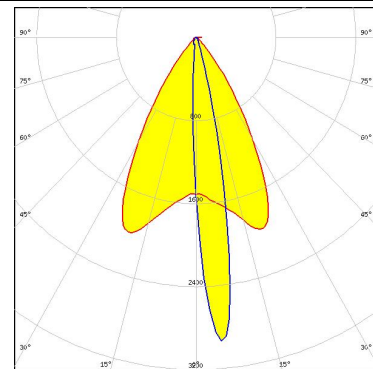
LUMILEDS

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



LUMILEDS

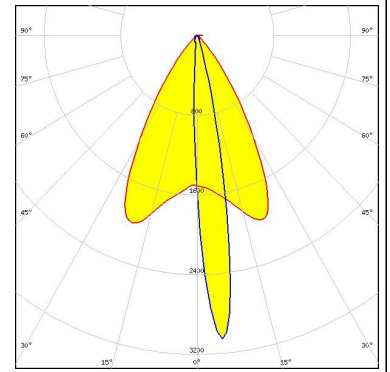
LED LUXEON CZ
FWHM / FWTM Asymmetric
Efficiency 90 %
Peak intensity 3.3 cd/Im
LEDs/each optic 1
Light colour White
Required components:



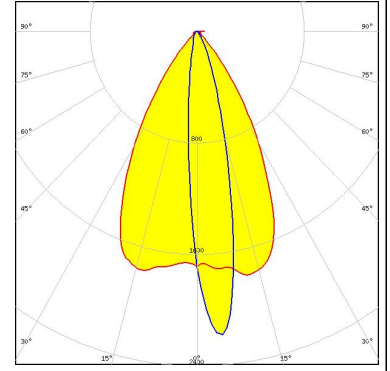
OPTICAL RESULTS (SIMULATED):



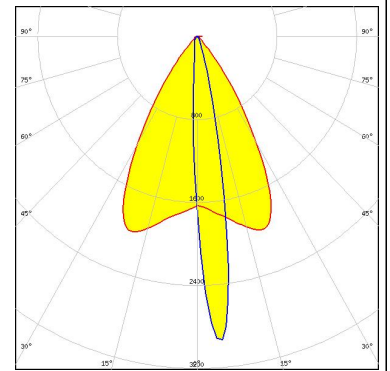
LED LUXEON CZ
FWHM / FWTM Asymmetric
Efficiency 90 %
Peak intensity 3.3 cd/lm
LEDs/each optic 1
Light colour Green
Required components:



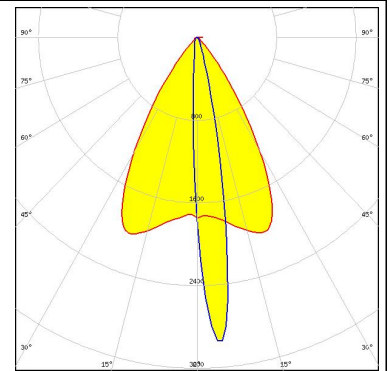
LED NVSxx19B/NVSxx19C
FWHM / FWTM Asymmetric
Efficiency 88 %
Peak intensity 2.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



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



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

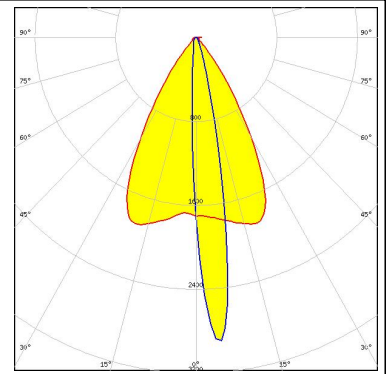


OPTICAL RESULTS (SIMULATED):

OSRAM

Opto Semiconductors

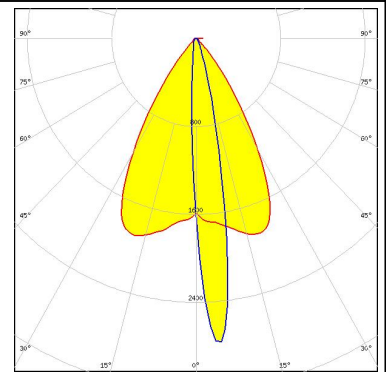
LED OSCONIQ P 3030
FWHM / FWTM Asymmetric
Efficiency 89 %
Peak intensity 3.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OSRAM

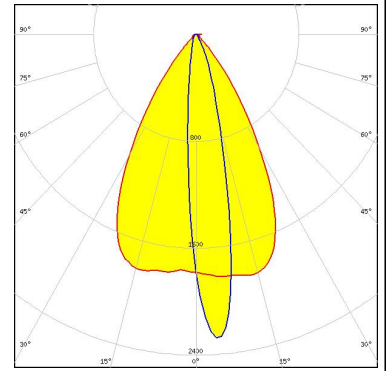
Opto Semiconductors

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



SEOUL SEMICONDUCTOR

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

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