G2-LAURA-SS-WAS-P

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

SPECIFICATION:

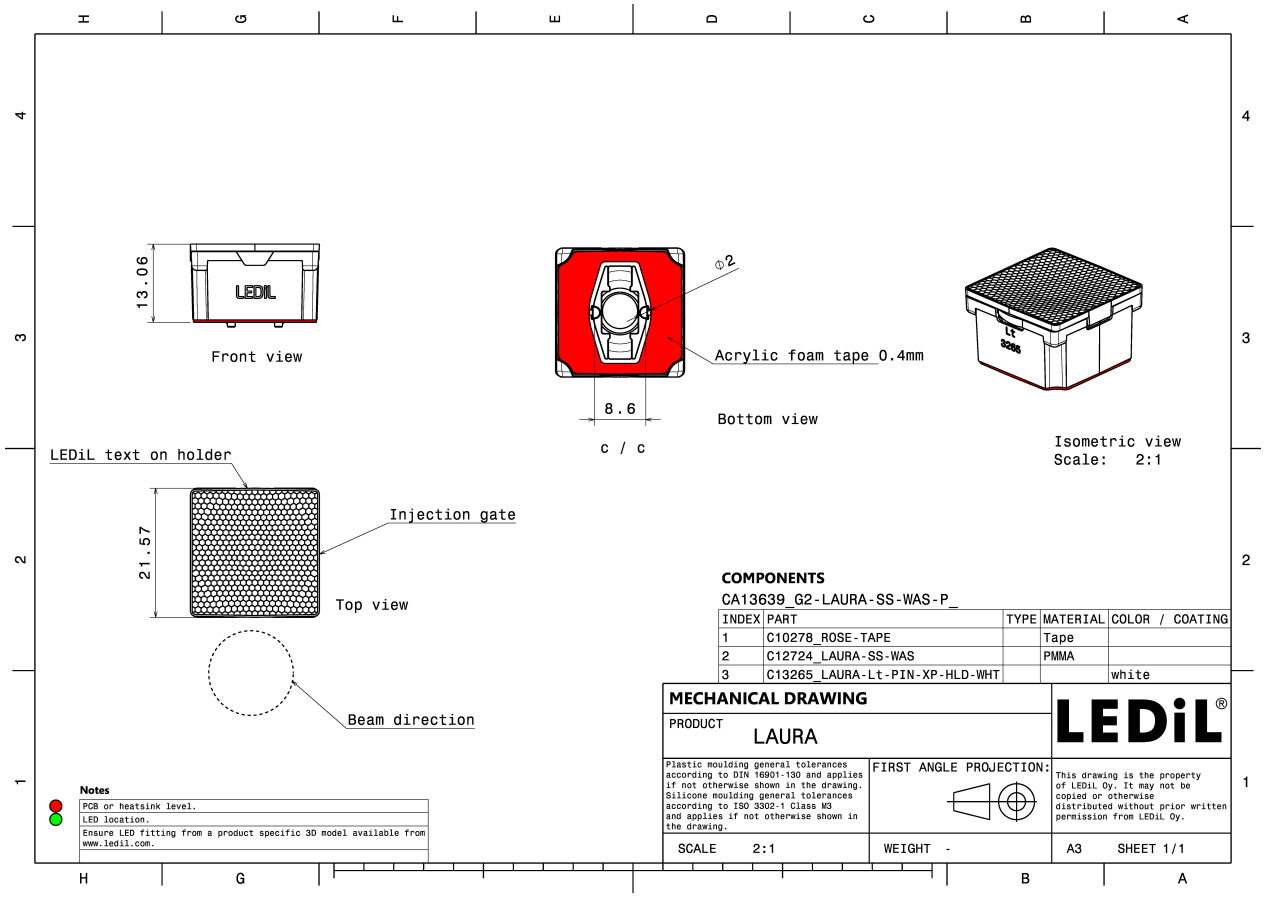
Dimensions	21.6 x 21.6
Height	13.1 mm
Fastening	tape, pin
ROHS compliant	yes

MATERIALS:

Component	Type	Material	Colour	Finish	Length (mm)
LAURA-SS-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)
CA13639_G2-LAURA-SS-WAS-P » Box size: 451 x 254 x 152 mm	1440		180	6.0



COMPONENTS

CA13639_G2-LAURA-SS-WAS-P_

INDEX	PART	TYPE	MATERIAL	COLOR / COATING
1	C10278_ROSE-TAPE		Tape	
2	C12724_LAURA-SS-WAS		PMMA	
3	C13265_LAURA-Lt-PIN-XP-HLD-WHT			white

MECHANICAL DRAWING

PRODUCT LAURA

Plastic moulding general tolerances according to DIN 16901-130 and applies if not otherwise shown in the drawing. Silicone moulding general tolerances according to ISO 3302-1 Class M3 and applies if not otherwise shown in the drawing.

FIRST ANGLE PROJECTION:

SCALE 2:1 | WEIGHT - | A3 | SHEET 1/1

Notes

PCB or heatsink level.
LED location.
Ensure LED fitting from a product specific 3D model available from www.ledil.com.

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

OPTICAL RESULTS (MEASURED):

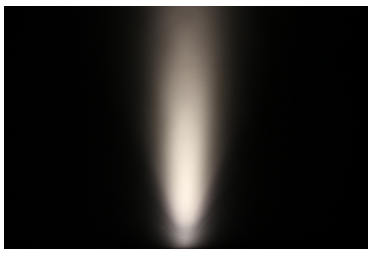
CREE LEDs

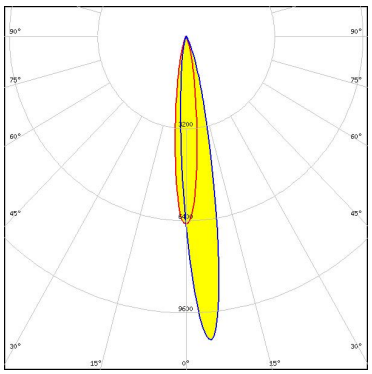
LED	XP-E
FWHM / FWTM	Asymmetric
Efficiency	92 %
Peak intensity	11.6 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

Light distribution files

LUMILEDS

LED	LUXEON A
FWHM / FWTM	Asymmetric
Efficiency	90 %
Peak intensity	11 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

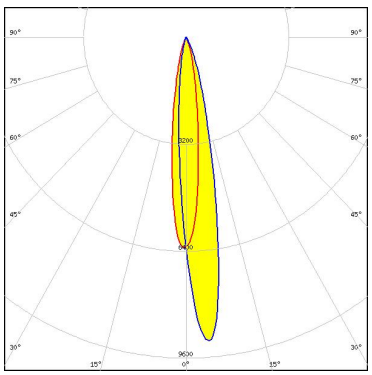




Light distribution files

NICHIA

LED	NVSW219F
FWHM / FWTM	Asymmetric
Efficiency	94 %
Peak intensity	9.2 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

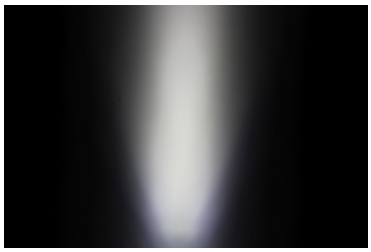


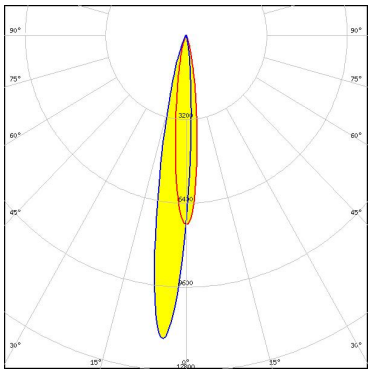
Light distribution files

OPTICAL RESULTS (MEASURED):

OSRAM
Opto Semiconductors

LED	OSLON Square CSSRM2/CSSRM3
FWHM / FWTM	Asymmetric
Efficiency	94 %
Peak intensity	11.6 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



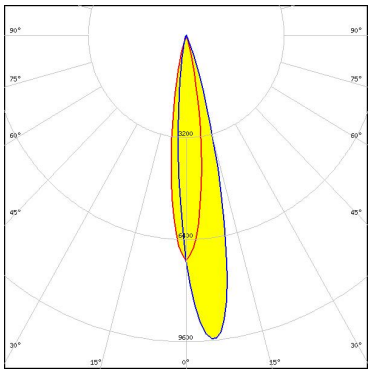


Light distribution files

OPTICAL RESULTS (SIMULATED):

LUMILEDS

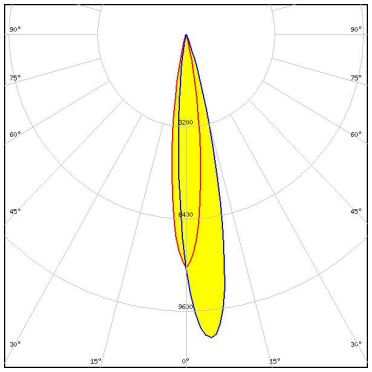
LED	LUXEON C
FWHM / FWTM	Asymmetric
Efficiency	93 %
Peak intensity	9.6 cd/lm
LEDs/each optic	1
Light colour/type	Red
Required components:	



Light distribution files

LUMILEDS

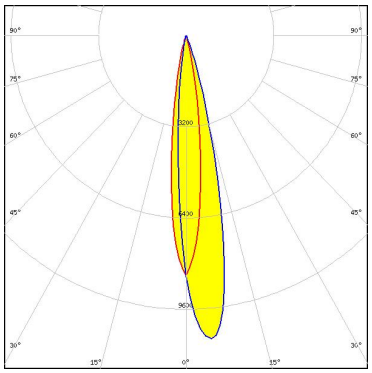
LED	LUXEON C
FWHM / FWTM	Asymmetric
Efficiency	90 %
Peak intensity	10.6 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

LUMILEDS

LED	LUXEON C
FWHM / FWTM	Asymmetric
Efficiency	93 %
Peak intensity	10.7 cd/lm
LEDs/each optic	1
Light colour/type	Green
Required components:	

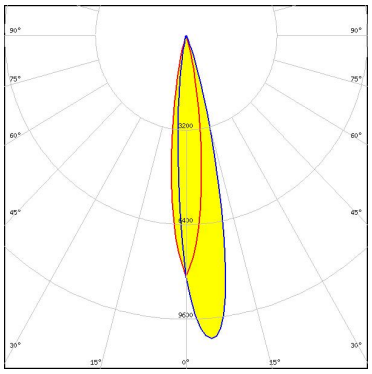


Light distribution files

OPTICAL RESULTS (SIMULATED):

LUMILEDS

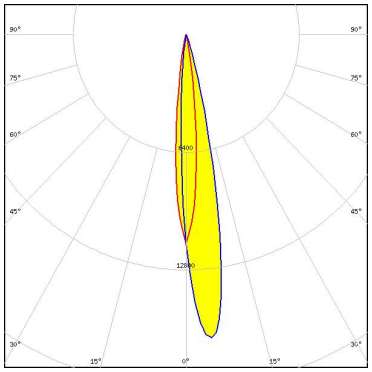
LED	LUXEON C
FWHM / FWTM	Asymmetric
Efficiency	93 %
Peak intensity	10.3 cd/lm
LEDs/each optic	1
Light colour/type	Royal Blue
Required components:	



Light distribution files

LUMILEDS

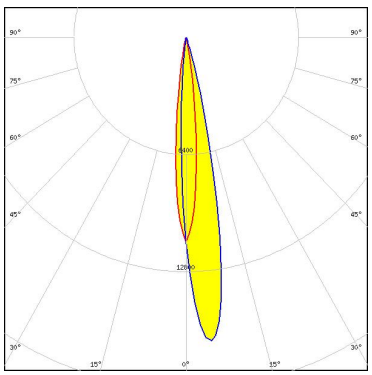
LED	LUXEON CZ
FWHM / FWTM	Asymmetric
Efficiency	96 %
Peak intensity	16.6 cd/lm
LEDs/each optic	1
Light colour/type	Green
Required components:	



Light distribution files

LUMILEDS

LED	LUXEON CZ
FWHM / FWTM	Asymmetric
Efficiency	96 %
Peak intensity	16.7 cd/lm
LEDs/each optic	1
Light colour/type	Royal Blue
Required components:	

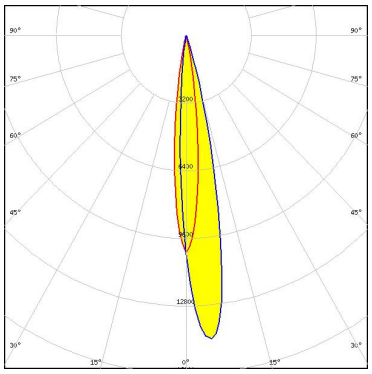


Light distribution files

OPTICAL RESULTS (SIMULATED):

LUMILEDS

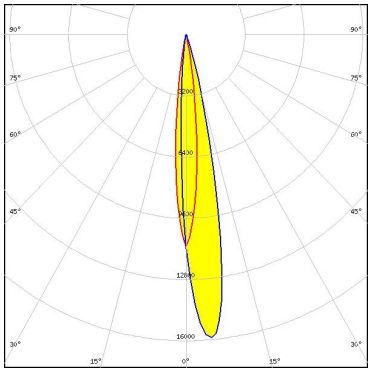
LED	LUXEON CZ
FWHM / FWTM	Asymmetric
Efficiency	94 %
Peak intensity	14.4 cd/lm
LEDs/each optic	1
Light colour/type	Red
Required components:	



Light distribution files

LUMILEDS

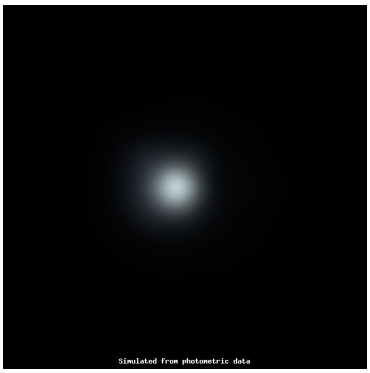
LED	LUXEON CZ
FWHM / FWTM	Asymmetric
Efficiency	96 %
Peak intensity	15.9 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

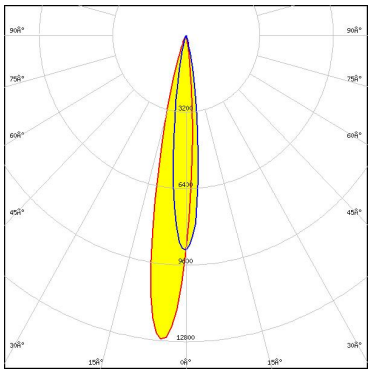


Light distribution files

LUMINUS

LED	SST-20 Gen2
FWHM / FWTM	14.0° / 27.0 + 26.0°
Efficiency	96 %
Peak intensity	12.7 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



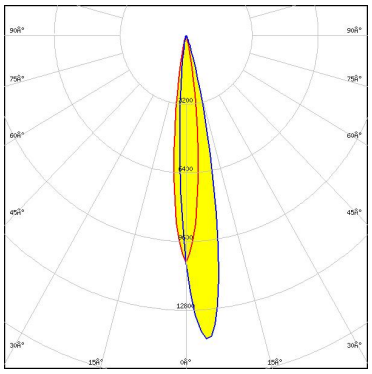


Light distribution files

OPTICAL RESULTS (SIMULATED):

NICHIA

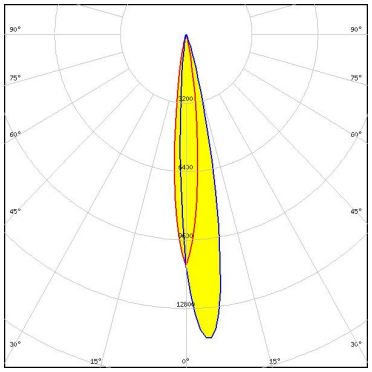
LED	NVSxE21A
FWHM / FWTM	Asymmetric
Efficiency	95 %
Peak intensity	14.2 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

OSRAM
Opto Semiconductors

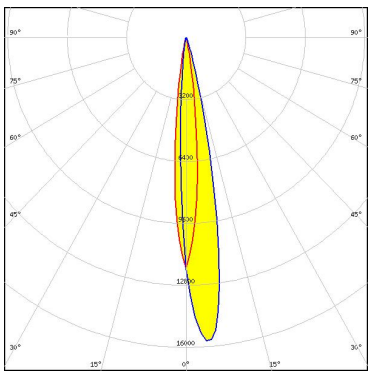
LED	OSCONIQ P 3030
FWHM / FWTM	Asymmetric
Efficiency	96 %
Peak intensity	14.2 cd/lm
LEDs/each optic	1
Light colour/type	Blue
Required components:	



Light distribution files

OSRAM
Opto Semiconductors

LED	OSCONIQ P 3030
FWHM / FWTM	Asymmetric
Efficiency	96 %
Peak intensity	15.7 cd/lm
LEDs/each optic	1
Light colour/type	True Green
Required components:	

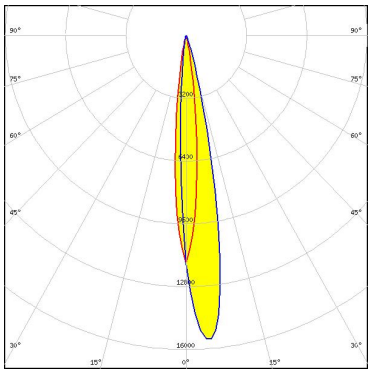


Light distribution files

OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

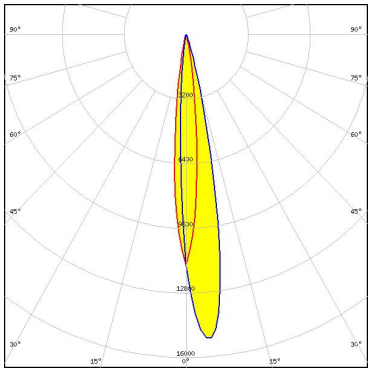
LED	OSCONIQ P 3030
FWHM / FWTM	Asymmetric
Efficiency	96 %
Peak intensity	15.5 cd/lm
LEDs/each optic	1
Light colour/type	Red
Required components:	



Light distribution files

OSRAM
Opto Semiconductors

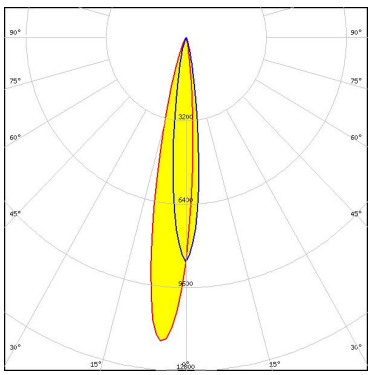
LED	OSCONIQ P 3030
FWHM / FWTM	Asymmetric
Efficiency	96 %
Peak intensity	15.1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

OSRAM
Opto Semiconductors

LED	OSCONIQ P 3737 (2W version)
FWHM / FWTM	Asymmetric
Efficiency	96 %
Peak intensity	11.7 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

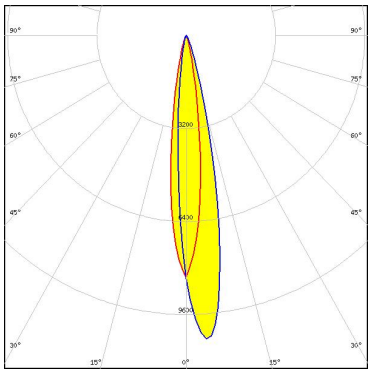


Light distribution files

OPTICAL RESULTS (SIMULATED):

SEOUL SEMICONDUCTOR

LED	Z5M4
FWHM / FWTM	Asymmetric
Efficiency	96 %
Peak intensity	10.5 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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