

G2-LAURA-RS-P

~8° spot beam. Assembly with thinner white holder, installation tape and location pins.



TECHNICAL SPECIFICATIONS:

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

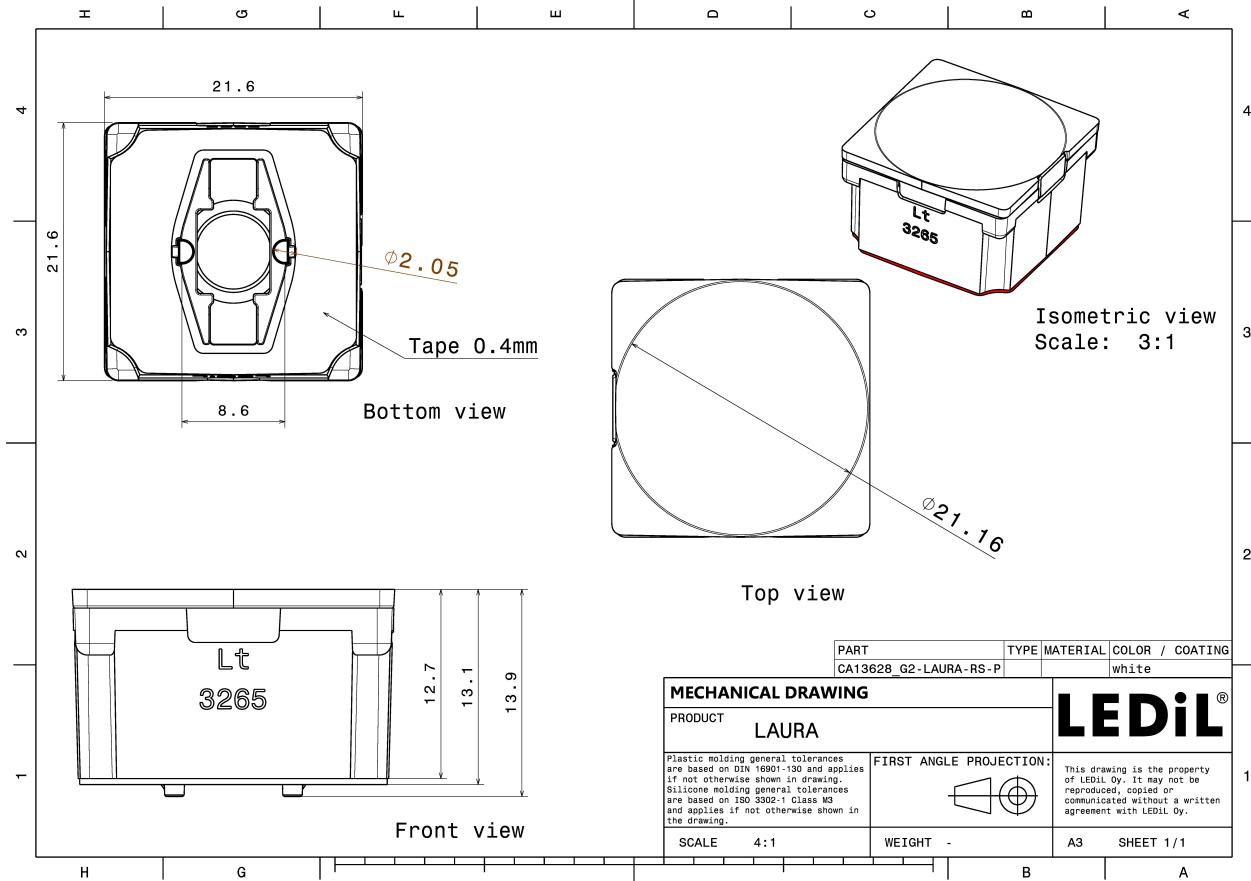
MATERIAL SPECIFICATIONS:

LEDiL®

Component	Type	Material	Colour	Finish
LAURA-RS	Single lens	PMMA	clear	
LAURA-LT-PIN-XP-HLD-WHT	Holder	PC	white	
ROSE-TAPE	Tape	PU tape	black	

ORDERING INFORMATION:

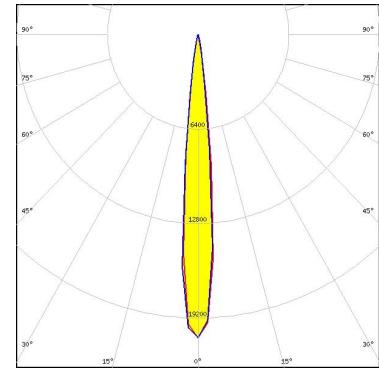
Component	Qty in box	MOQ	MPQ	Box weight (kg)
CA13628_G2-LAURA-RS-P	360	180		5.9
» Box size:				



PHOTOMETRIC DATA (MEASURED):

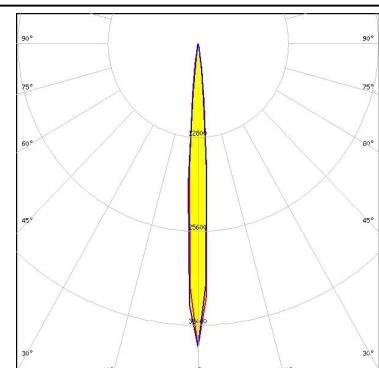
CREE

LED XB-H
FWHM 11.0°
Efficiency 91 %
Peak intensity 20.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



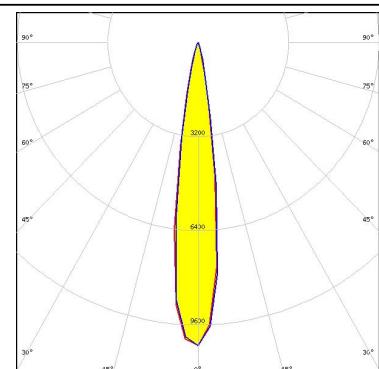
CREE

LED XP-E
FWHM 8.0°
Efficiency 93 %
Peak intensity 33.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



CREE

LED XP-E2
FWHM 8.0°
Efficiency 91 %
Peak intensity 41.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



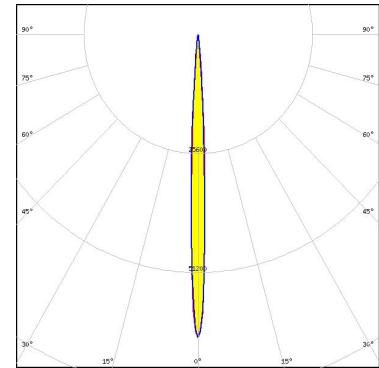
CREE

LED XP-L HD
FWHM 16.0°
Efficiency 90 %
Peak intensity 10.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:

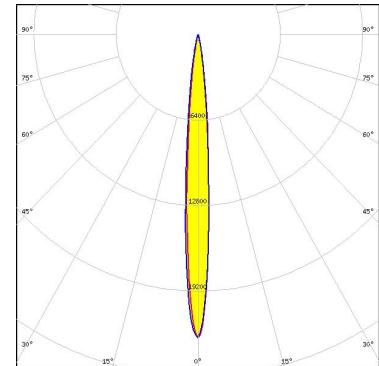
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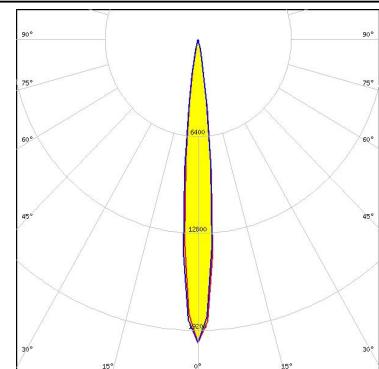
LED XQ-E HI
FWHM 5.0°
Efficiency 94 %
Peak intensity 65.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



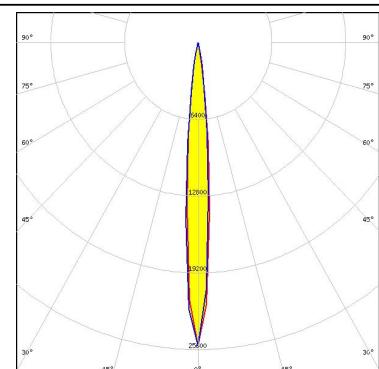
LED LUXEON 3030 2D (Round LES)
FWHM 9.0°
Efficiency 92 %
Peak intensity 22.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED LUXEON TX
FWHM 11.0°
Efficiency 90 %
Peak intensity 20 cd/lm
LEDs/each optic 1
Light colour White
Required components:



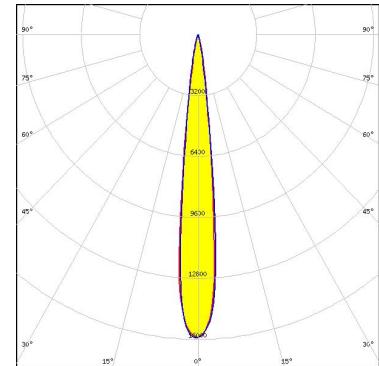
LED NCSxx19A
FWHM 10.0°
Efficiency 90 %
Peak intensity 25.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



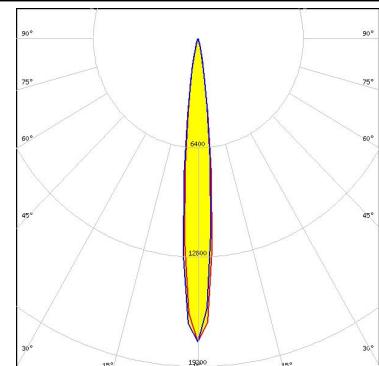
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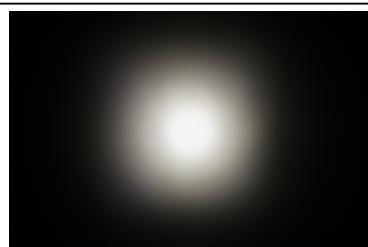
LED NVSW219D
 FWHM 12.0°
 Efficiency 94 %
 Peak intensity 15.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED NVSxx19A
 FWHM 12.0°
 Efficiency 90 %
 Peak intensity 17.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED NVSxx19B/NVSxx19C
 FWHM 12.0°
 Efficiency 90 %
 Peak intensity 16.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

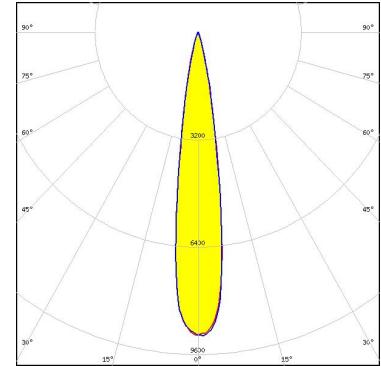


Opto Semiconductors
 LED PLPVEC2 850A
 FWHM 6.0°
 Efficiency %
 LEDs/each optic 1
 Light colour IR
 Required components:

PHOTOMETRIC DATA (MEASURED):

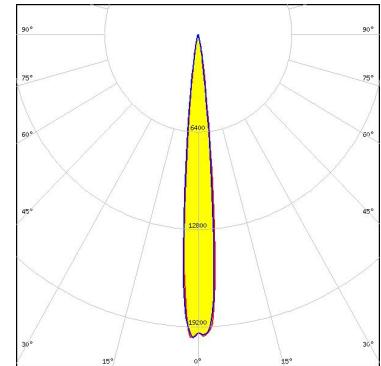
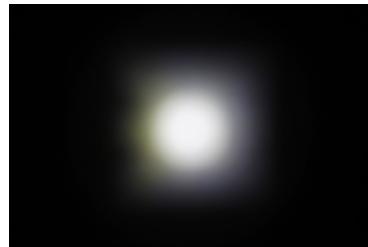
SAMSUNG

LED LH351D
FWHM 16.0°
Efficiency 94 %
Peak intensity 9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



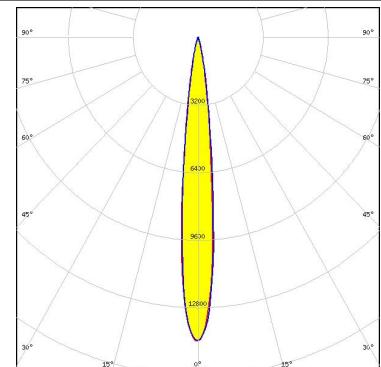
SEOUL SEMICONDUCTOR

LED Z5M1/Z5M2
FWHM 11.0°
Efficiency 91 %
Peak intensity 20 cd/lm
LEDs/each optic 1
Light colour White
Required components:



SEOUL SEMICONDUCTOR

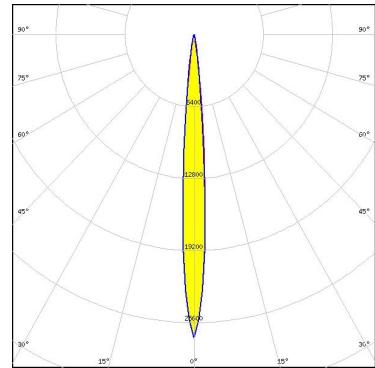
LED Z5M3
FWHM 12.0°
Efficiency 94 %
Peak intensity 14.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (SIMULATED):

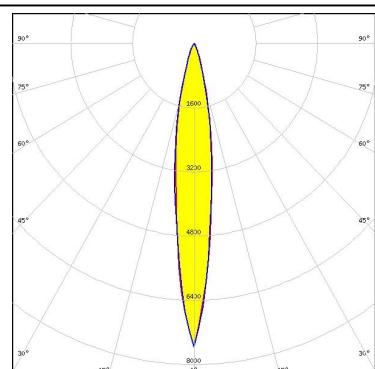
CREE 

LED XD16
FWHM 8.6°
Efficiency 93 %
Peak intensity 27 cd/lm
LEDs/each optic 1
Light colour White
Required components:



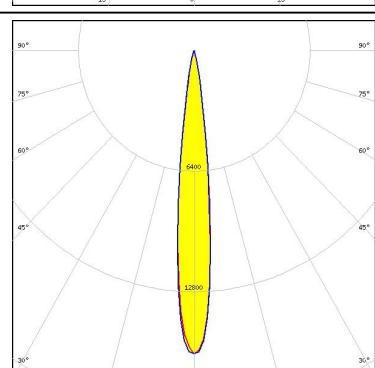
CREE 

LED XHP35 HD
FWHM 14.0°
Efficiency 94 %
Peak intensity 7.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



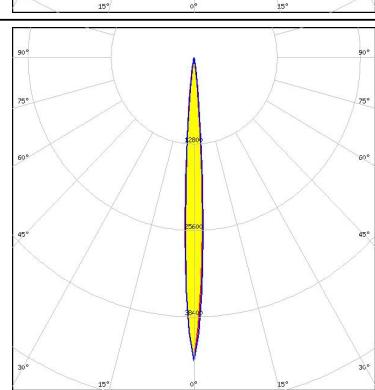
CREE 

LED XHP35 HI
FWHM 12.0°
Efficiency 94 %
Peak intensity 16.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



CREE 

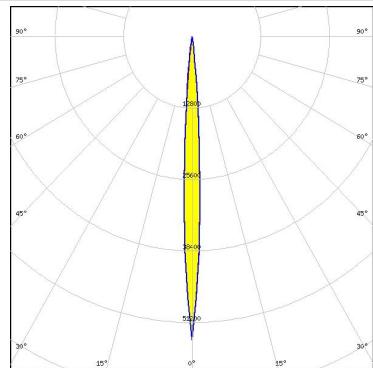
LED XQ-E HD
FWHM 6.9°
Efficiency 94 %
Peak intensity 44.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (SIMULATED):

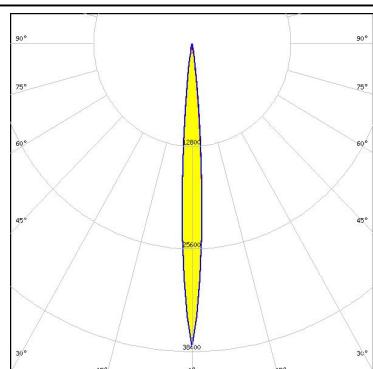
LUMILEDS

LED LUXEON CZ
 FWHM 6.0°
 Efficiency 95 %
 Peak intensity 54.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



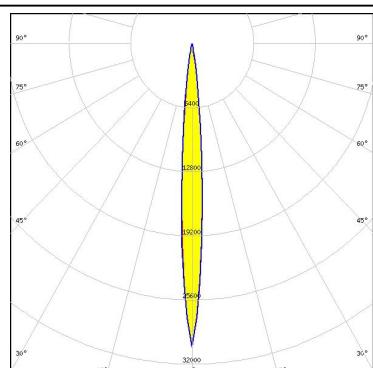
LUMILEDS

LED LUXEON Z ES
 FWHM 8.0°
 Efficiency 95 %
 Peak intensity 37.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



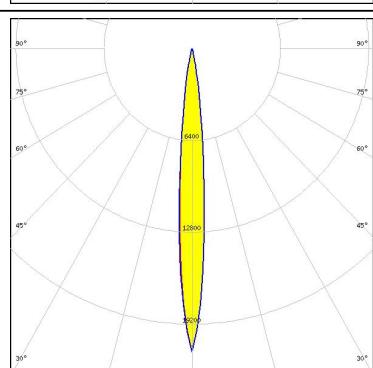
NICHIA

LED NCSxE17A
 FWHM 8.0°
 Efficiency 95 %
 Peak intensity 30.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



NICHIA

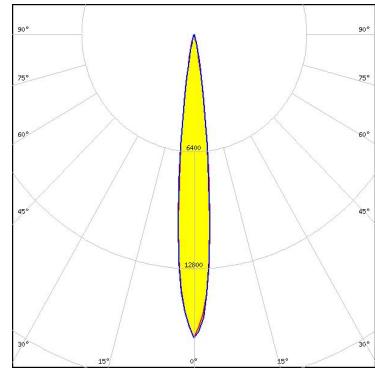
LED NVSxE21A
 FWHM 10.0°
 Efficiency 94 %
 Peak intensity 21.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (SIMULATED):

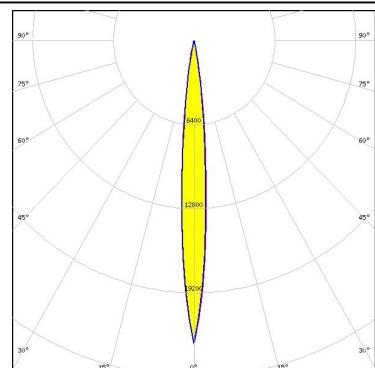


LED NVSxx19B/NVSxx19C
FWHM 12.0°
Efficiency 94 %
Peak intensity 16.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



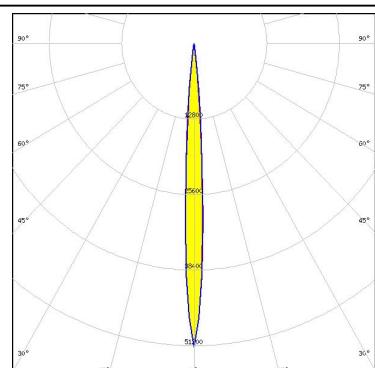
OSRAM

LED OSLON Black
FWHM 9.5°
Efficiency 97 %
Peak intensity 23 cd/lm
LEDs/each optic 1
Light colour White
Required components:



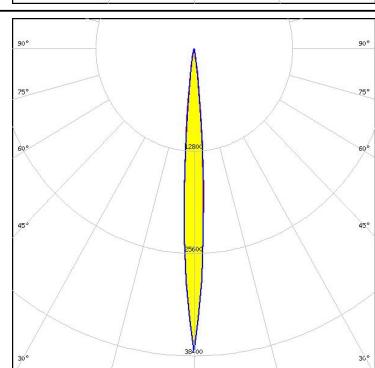
OSRAM

LED OSLON Black Flat
FWHM 6.8°
Efficiency 94 %
Peak intensity 48.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OSRAM

LED OSLON SSL 150
FWHM 8.0°
Efficiency 95 %
Peak intensity 37.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (SIMULATED):

OSRAM

Opto Semiconductors

LED OSLON SSL 80

FWHM 8.0°

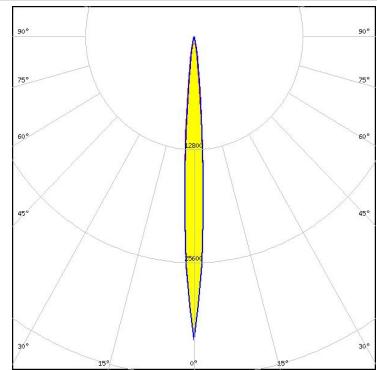
Efficiency 95 %

Peak intensity 34.3 cd/lm

LEDs/each optic 1

Light colour White

Required components:



OSRAM

Opto Semiconductors

LED SFH 4770S

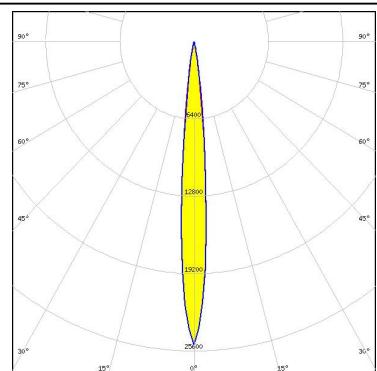
FWHM 10.0°

Efficiency 94 %

LEDs/each optic 1

Light colour White

Required components:



SAMSUNG

LED LH351Z

FWHM 10.0°

Efficiency 93 %

Peak intensity 25 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.

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