

## G2-LAURA-RS-P

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

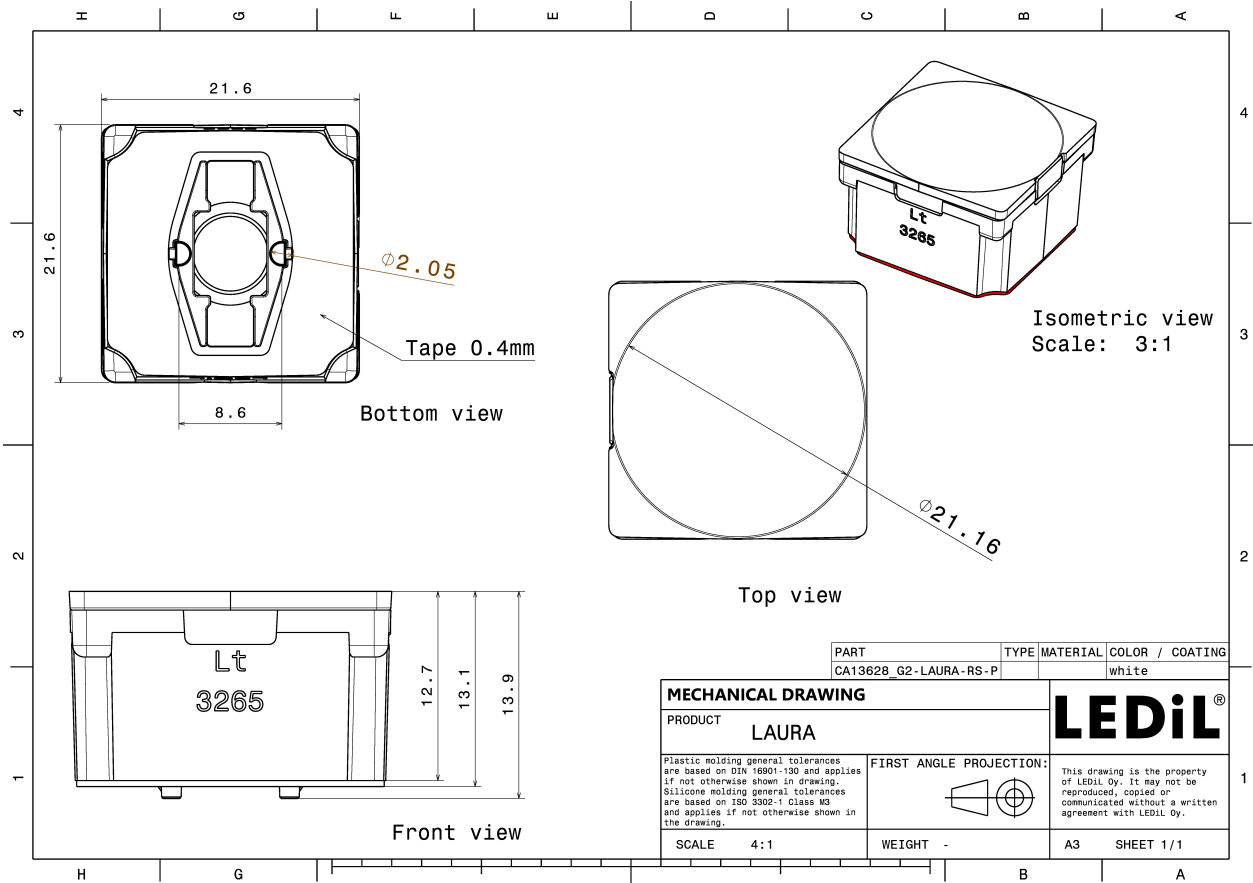
### TECHNICAL SPECIFICATIONS:

Dimensions	21.6 mm
Height	13.1 mm
Fastening	tape, pin
Colour	white
Box size	
Box weight	5.9 kg
Quantity in Box	pcs
ROHS compliant	yes ⓘ



### MATERIAL SPECIFICATIONS:

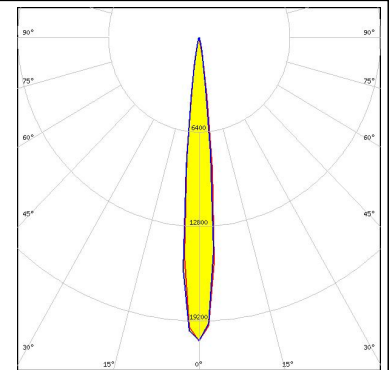
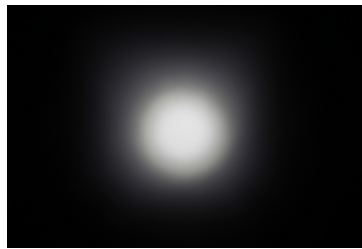
Component	Type	Material	Colour
LAURA-RS	Single lens	PMMA	clear
LAURA-LT-PIN-XP-HLD-WHT	Holder	PC	white
ROSE-TAPE	Tape	PU tape	black



#### PHOTOMETRIC DATA (MEASURED):

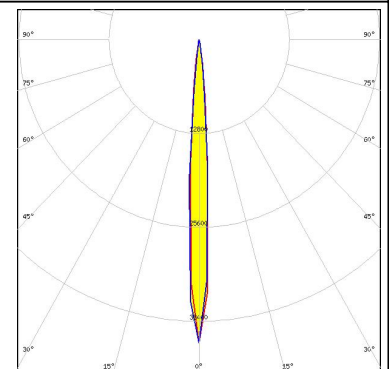
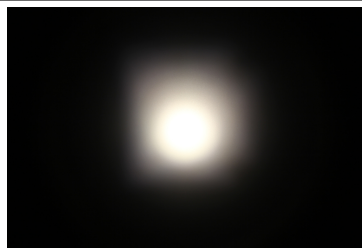
#### CREE

LED XB-H  
 FWHM 11.0°  
 Efficiency 91 %  
 Peak intensity 20.500 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



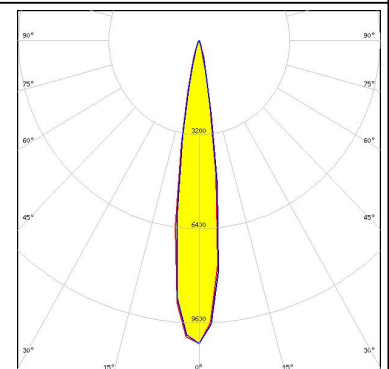
#### CREE

LED XP-E  
 FWHM 8.0°  
 Efficiency 93 %  
 Peak intensity 33.200 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### CREE

LED XP-E2  
 FWHM 8.0°  
 Efficiency 91 %  
 Peak intensity 41.400 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



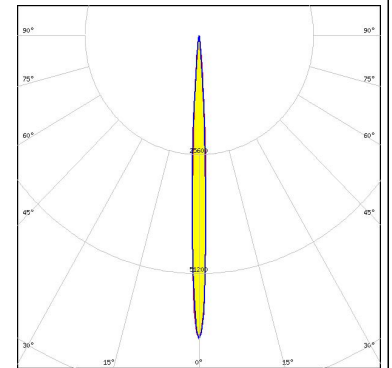
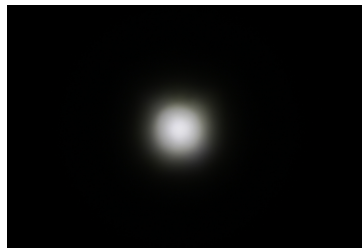
#### CREE

LED XP-L HD  
 FWHM 16.0°  
 Efficiency 90 %  
 Peak intensity 10.320 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:

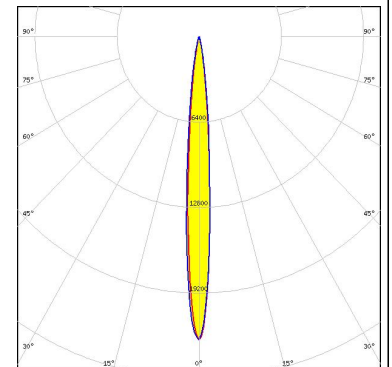
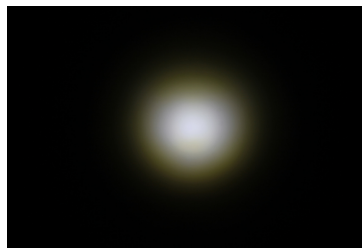
#### PHOTOMETRIC DATA (MEASURED):



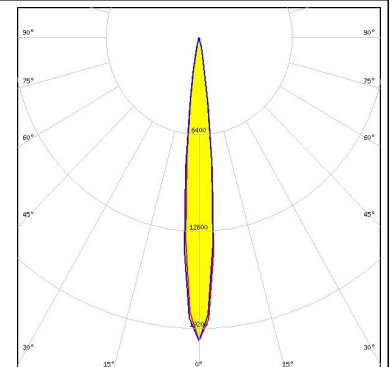
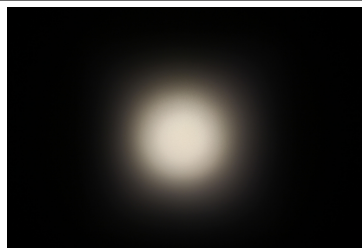
LED XQ-E HI  
 FWHM 5.0°  
 Efficiency 94 %  
 Peak intensity 65.300 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



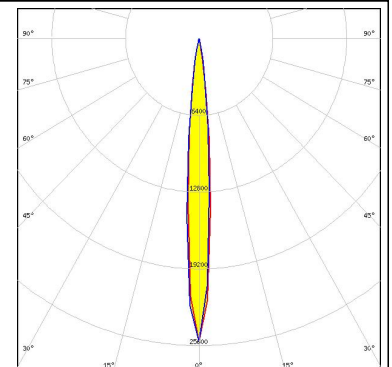
LED LUXEON 3030 2D (Round LES)  
 FWHM 9.0°  
 Efficiency 92 %  
 Peak intensity 22.700 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:




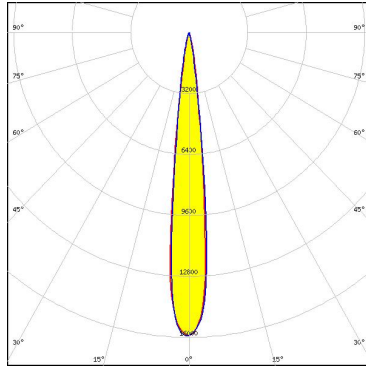

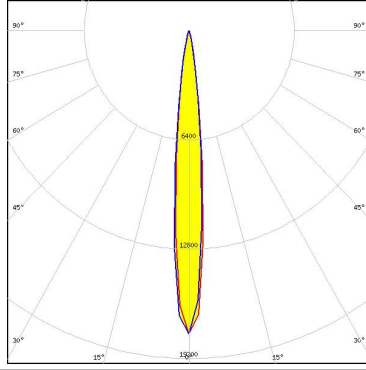



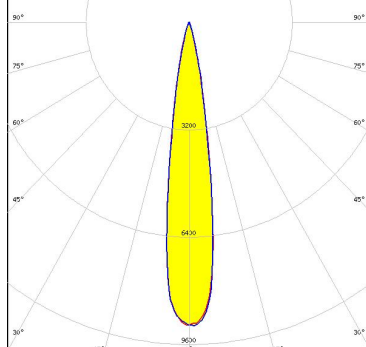
LED LUXEON TX  
 FWHM 11.0°  
 Efficiency 90 %  
 Peak intensity 20.000 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:





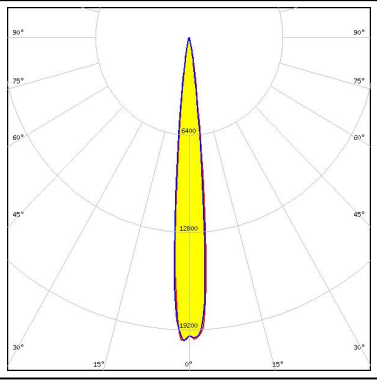


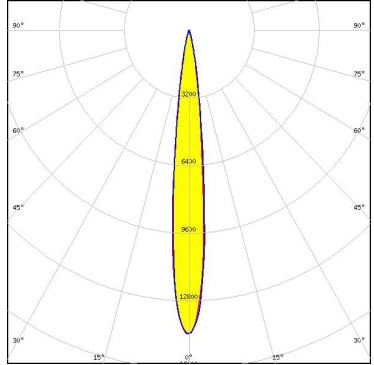
LED NCSxx19A  
 FWHM 10.0°  
 Efficiency 90 %  
 Peak intensity 25.300 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### PHOTOMETRIC DATA (MEASURED):

<p><b>NICHIA</b></p> <p>LED NVSW219D            FWHM 12.0°            Efficiency 94 %            Peak intensity 15.900 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>		
<p><b>NICHIA</b></p> <p>LED NVSxx19A            FWHM 12.0°            Efficiency 90 %            Peak intensity 17.800 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>		
<p><b>NICHIA</b></p> <p>LED NVSxx19B/NVSxx19C            FWHM 12.0°            Efficiency 90 %            Peak intensity 16.300 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>		
<p><b>SAMSUNG</b></p> <p>LED LH351D            FWHM 16.0°            Efficiency 94 %            Peak intensity 9.000 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>		

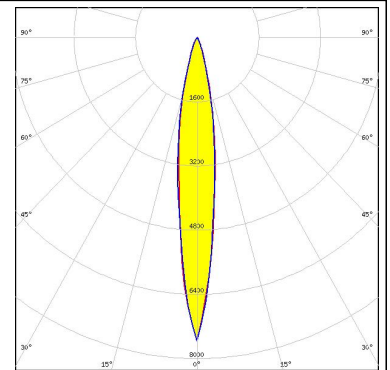
**PHOTOMETRIC DATA (MEASURED):**

<p> SEOUL SEMICONDUCTOR</p> <p>LED                Z5M1/Z5M2 FWHM            11.0° Efficiency        91 % Peak intensity   20.000 cd/lm LEDs/each optic 1 Light colour     White Required components:</p>		
<p> SEOUL SEMICONDUCTOR</p> <p>LED                Z5M3 FWHM            12.0° Efficiency        94 % Peak intensity   14.400 cd/lm LEDs/each optic 1 Light colour     White Required components:</p>		

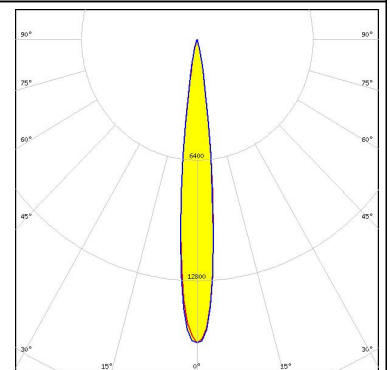
#### PHOTOMETRIC DATA (SIMULATED):



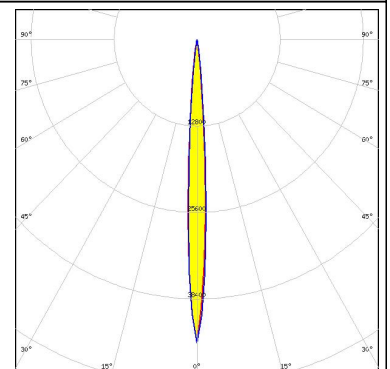
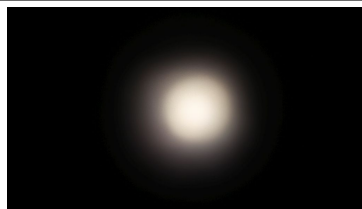
LED XHP35 HD  
 FWHM 14.0°  
 Efficiency 94 %  
 Peak intensity 7.560 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



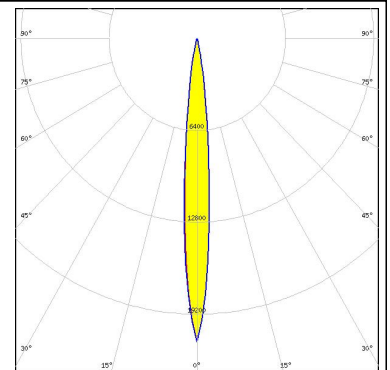
LED XHP35 HI  
 FWHM 12.0°  
 Efficiency 94 %  
 Peak intensity 16.100 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



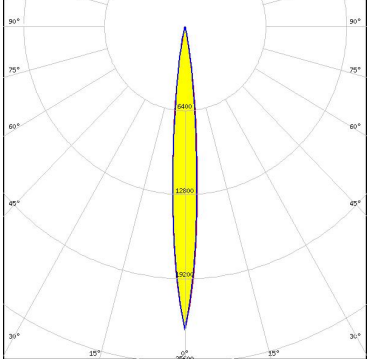
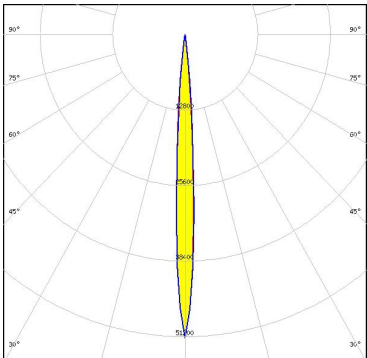
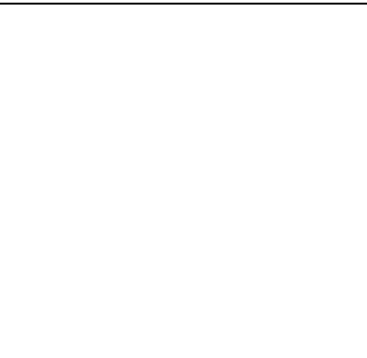
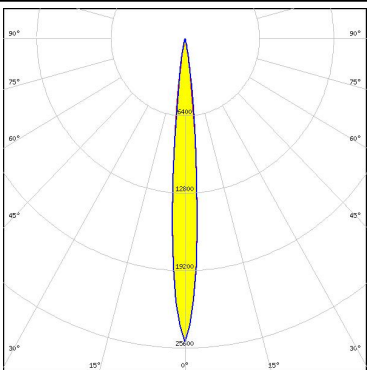
LED XQ-E HD  
 FWHM 6.9°  
 Efficiency 94 %  
 Peak intensity 44.900 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED NVSxE21A  
 FWHM 10.0°  
 Efficiency 94 %  
 Peak intensity 21.140 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



**PHOTOMETRIC DATA (SIMULATED):**

<p><b>OSRAM</b> Opto Semiconductors</p> <p>LED OSLON Black FWHM 9.5° Efficiency 97 % Peak intensity 23.000 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p><b>OSRAM</b> Opto Semiconductors</p> <p>LED OSLON Black Flat FWHM 6.8° Efficiency 94 % Peak intensity 48.300 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p><b>OSRAM</b> Opto Semiconductors</p> <p>LED SFH 4770S FWHM 10.0° Efficiency 94 % Peak intensity cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p><b>SAMSUNG</b></p> <p>LED LH351Z FWHM 10.0° Efficiency 93 % Peak intensity 25.000 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	



### 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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#### LEDiL Oy

Joensuunkatu 13  
FI-24240 SALO  
Finland

#### LEDiL Inc.

228 West Page Street  
Suite D  
Sycamore IL 60178  
USA

#### Local sales and technical support

[www.ledil.com/  
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