

## LAURA-D-PG

~15° diffused spot beam. Assembly with white holder and location pins.

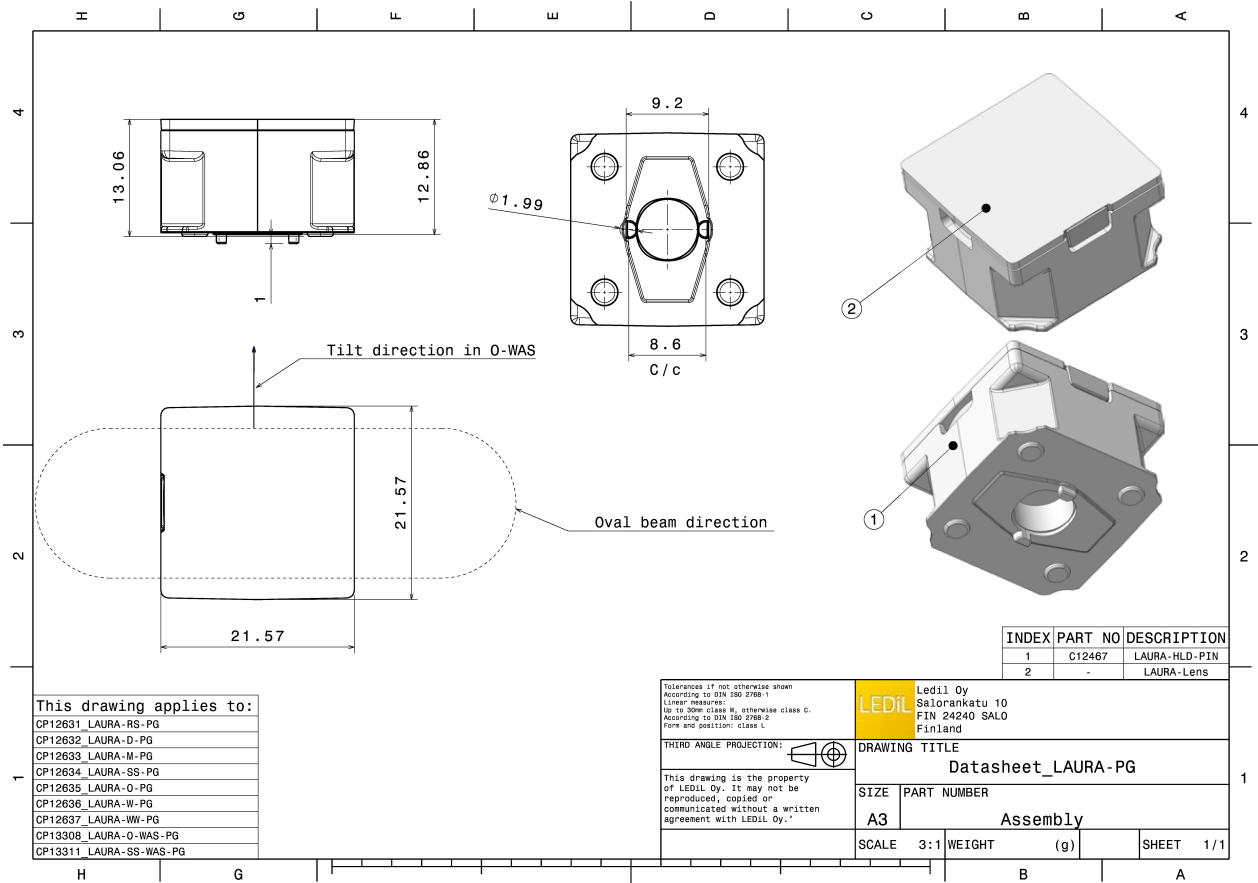
### TECHNICAL SPECIFICATIONS:

Dimensions	21.6 mm
Height	13.1 mm
Fastening	glue, pin
Colour	white
Box size	476 x 273 x 292 mm
Box weight	11.1 kg
Quantity in Box	1960 pcs
ROHS compliant	yes ⓘ



### MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour
LAURA-D	Single lens	PMMA	clear
LAURA-HLD-PIN	Holder	PC	



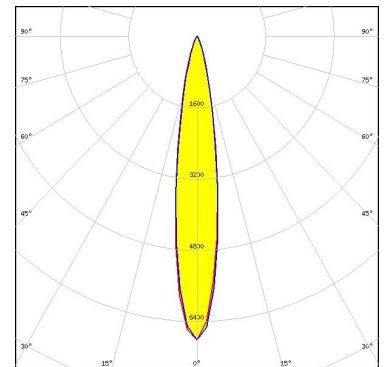
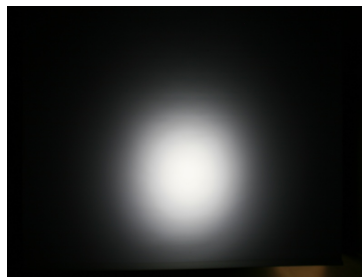
#### PHOTOMETRIC DATA (MEASURED):

#### CREE

LED XP-E-HEW  
 FWHM 15.0°  
 Efficiency 86 %  
 Peak intensity 6.200 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:

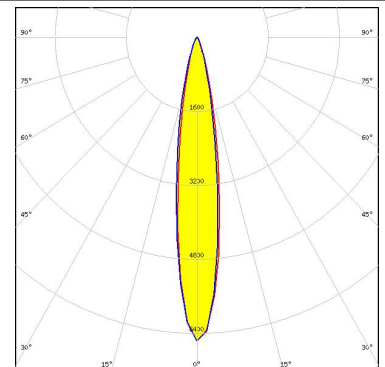
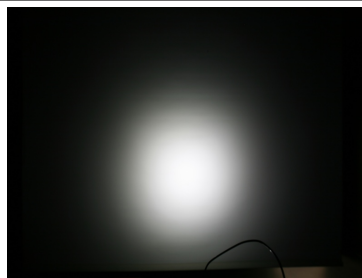
#### CREE

LED XP-G  
 FWHM 16.0°  
 Efficiency 91 %  
 Peak intensity 6.800 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



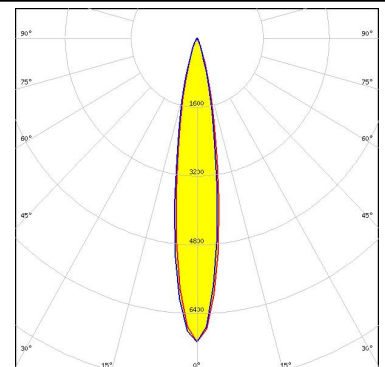
#### CREE

LED XT-E  
 FWHM 18.0°  
 Efficiency 90 %  
 Peak intensity 6.700 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### LUMILEDS

LED LUXEON A  
 FWHM 17.0°  
 Efficiency 93 %  
 Peak intensity 7.100 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



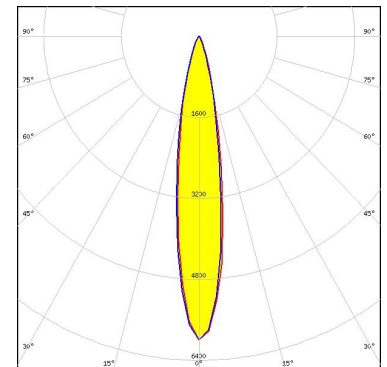
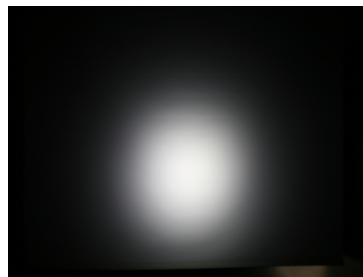
### PHOTOMETRIC DATA (MEASURED):



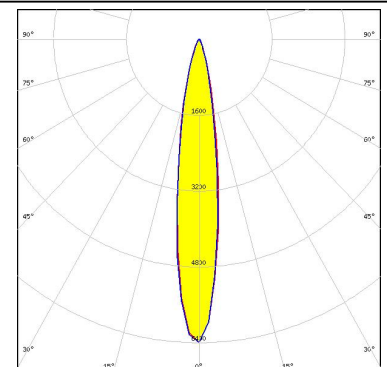
LED LUXEON Rebel  
FWHM 15.0°  
Efficiency 90 %  
Peak intensity 5.000 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED NVSxx19A  
FWHM 19.0°  
Efficiency 90 %  
Peak intensity 6.000 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



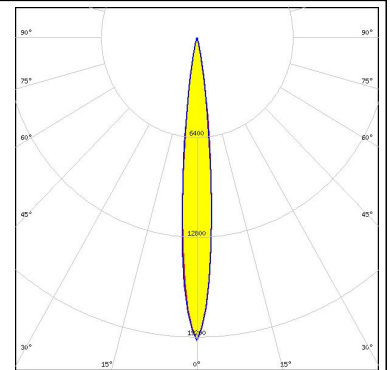
LED OSOLON Square EC  
FWHM 15.0°  
Efficiency 89 %  
Peak intensity 6.400 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



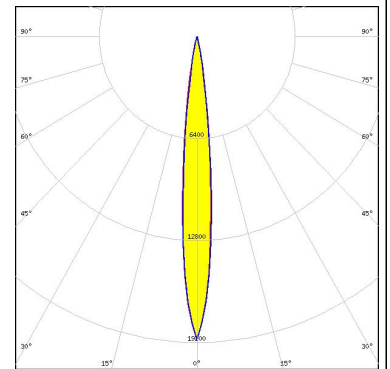
#### PHOTOMETRIC DATA (SIMULATED):



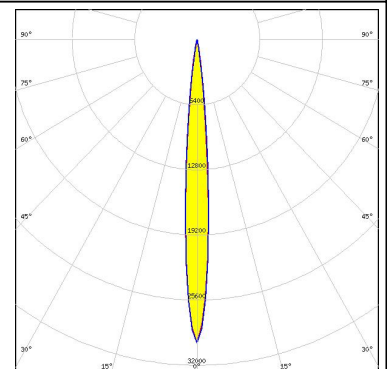
LED XP-E  
 FWHM 12.0°  
 Efficiency 96 %  
 Peak intensity 19.442 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED NCSxx19A  
 FWHM 12.0°  
 Efficiency 94 %  
 Peak intensity 19.038 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED OSOLON SSL 150  
 FWHM 9.0°  
 Efficiency 95 %  
 Peak intensity 29.814 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED OSOLON SSL 80  
 FWHM 8.0°  
 Efficiency 95 %  
 Peak intensity 32.976 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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