

LAURA-SS-PG

~11° smooth spot beam. Assembly with white holder and location pins.



TECHNICAL SPECIFICATIONS:

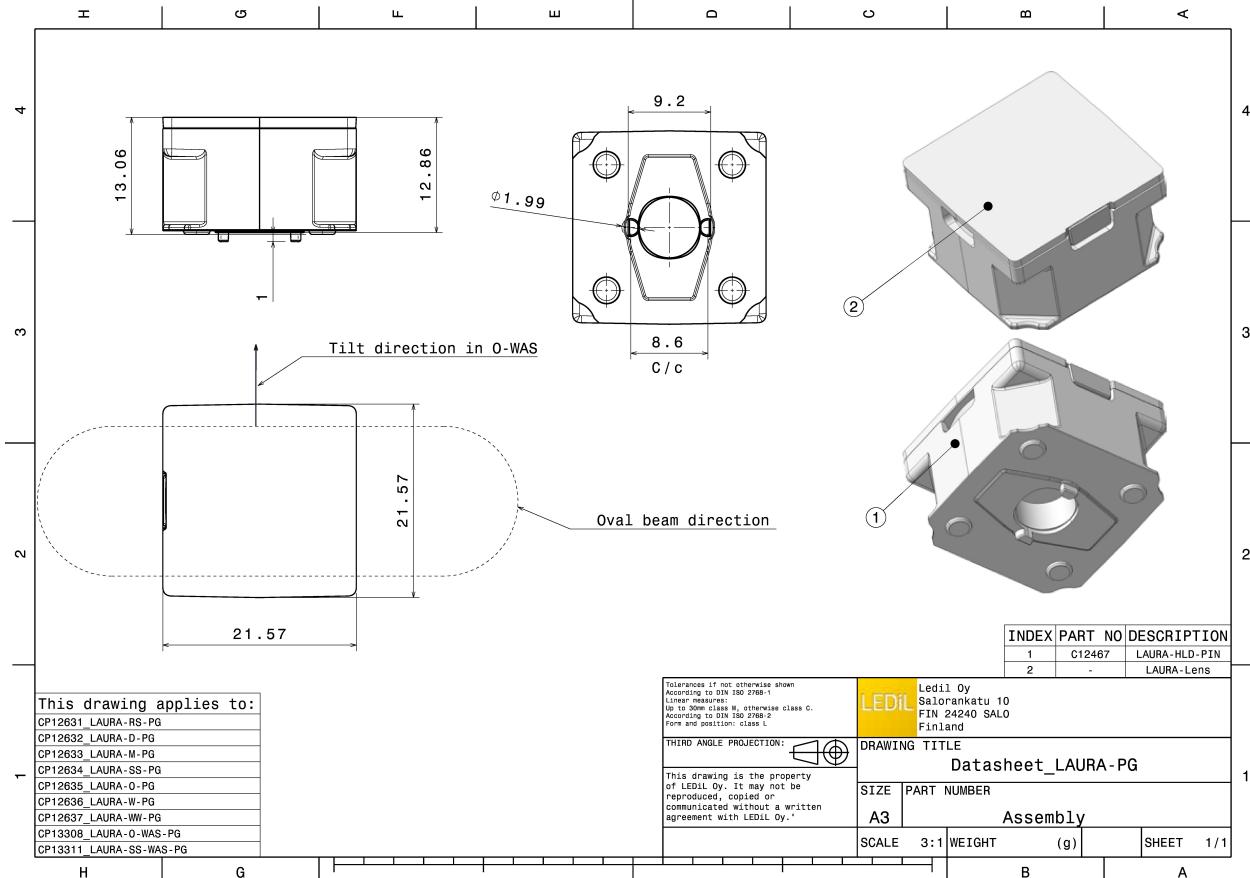
Dimensions	21.6 mm
Height	13.1 mm
Fastening	glue, pin
ROHS compliant	yes ⓘ

MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
LAURA-SS	Single lens	PMMA		
LAURA-HLD-PIN	Holder	PC		

ORDERING INFORMATION:

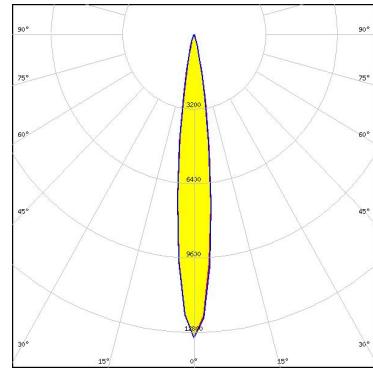
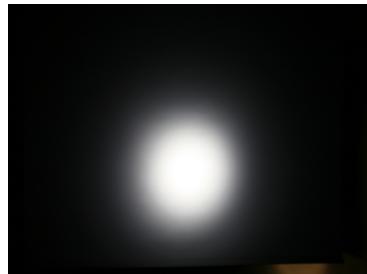
Component	Qty in box	MOQ	MPQ	Box weight (kg)	
CP12634_LAURA-SS-PG » Box size: 480 x 280 x 300 mm	Single lens	1960	294	98	10.9



PHOTOMETRIC DATA (MEASURED):

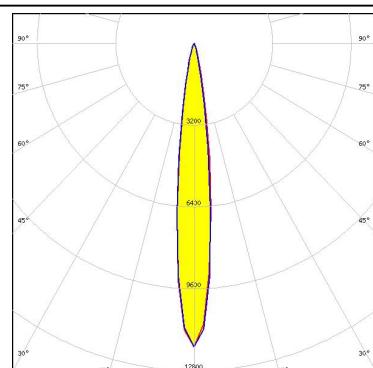
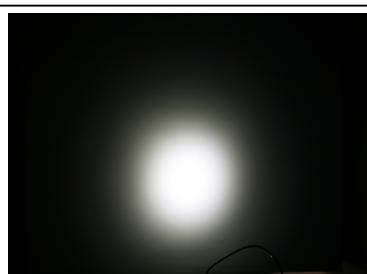
CREE

LED XP-E-HEW
 FWHM 12.0°
 Efficiency 92 %
 Peak intensity 11.700 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



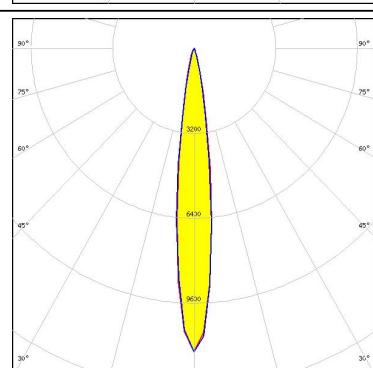
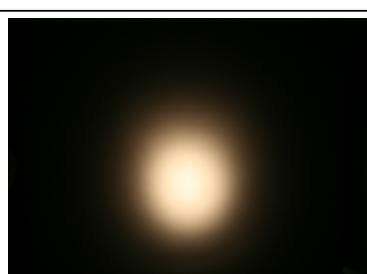
CREE

LED XP-G
 FWHM 14.0°
 Efficiency 93 %
 Peak intensity 13.000 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LUMILEDS

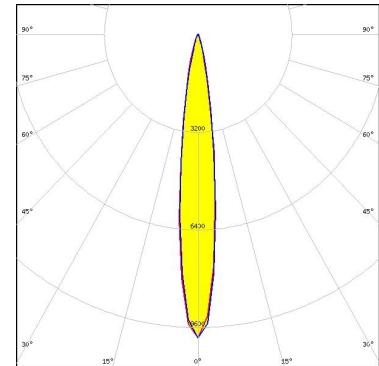
LED LUXEON A
 FWHM 14.0°
 Efficiency 93 %
 Peak intensity 11.400 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (MEASURED):

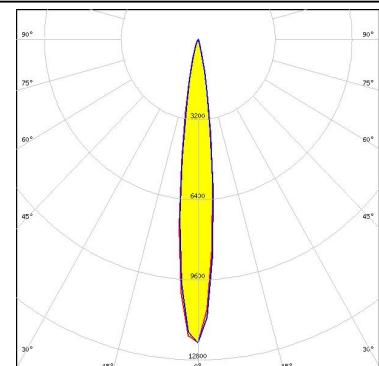
LUMILEDS

LED LUXEON Rebel
FWHM 11.0°
Efficiency 92 %
Peak intensity 16.000 cd/lm
LEDs/each optic 1
Light colour White
Required components:



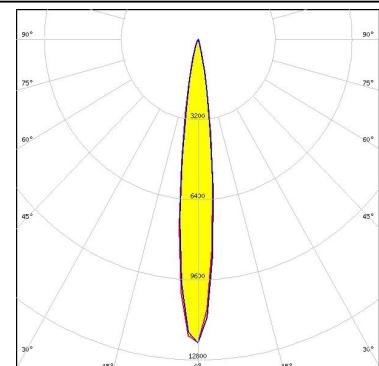
NICHIA

LED NVSxx19A
FWHM 14.0°
Efficiency 92 %
Peak intensity 9.900 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OSRAM

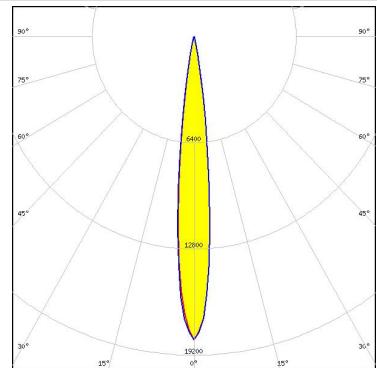
Opto Semiconductors
LED OSLON Square EC
FWHM 11.0°
Efficiency 91 %
Peak intensity 12.100 cd/lm
LEDs/each optic 1
Light colour White
Required components:



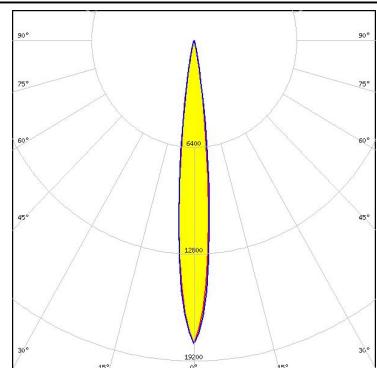
PHOTOMETRIC DATA (SIMULATED):



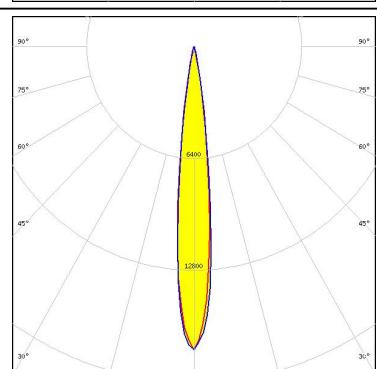
LED XP-E
 FWHM 12.0°
 Efficiency 96 %
 Peak intensity 18.277 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



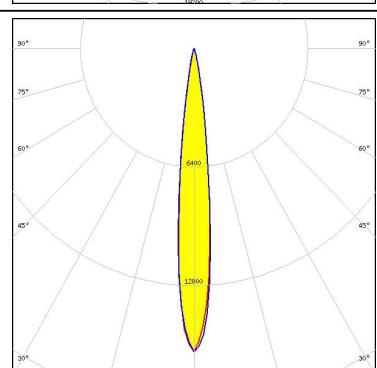
LED NCSxx19A
 FWHM 12.0°
 Efficiency 94 %
 Peak intensity 18.178 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED OSLON SSL 150
 FWHM 12.0°
 Efficiency 96 %
 Peak intensity 17.356 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED OSLON SSL 80
 FWHM 12.0°
 Efficiency 96 %
 Peak intensity 16.383 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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