

## LAURA-O-PG

~40° x 12° oval beam. Assembly with white holder and location pins.

### TECHNICAL SPECIFICATIONS:

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

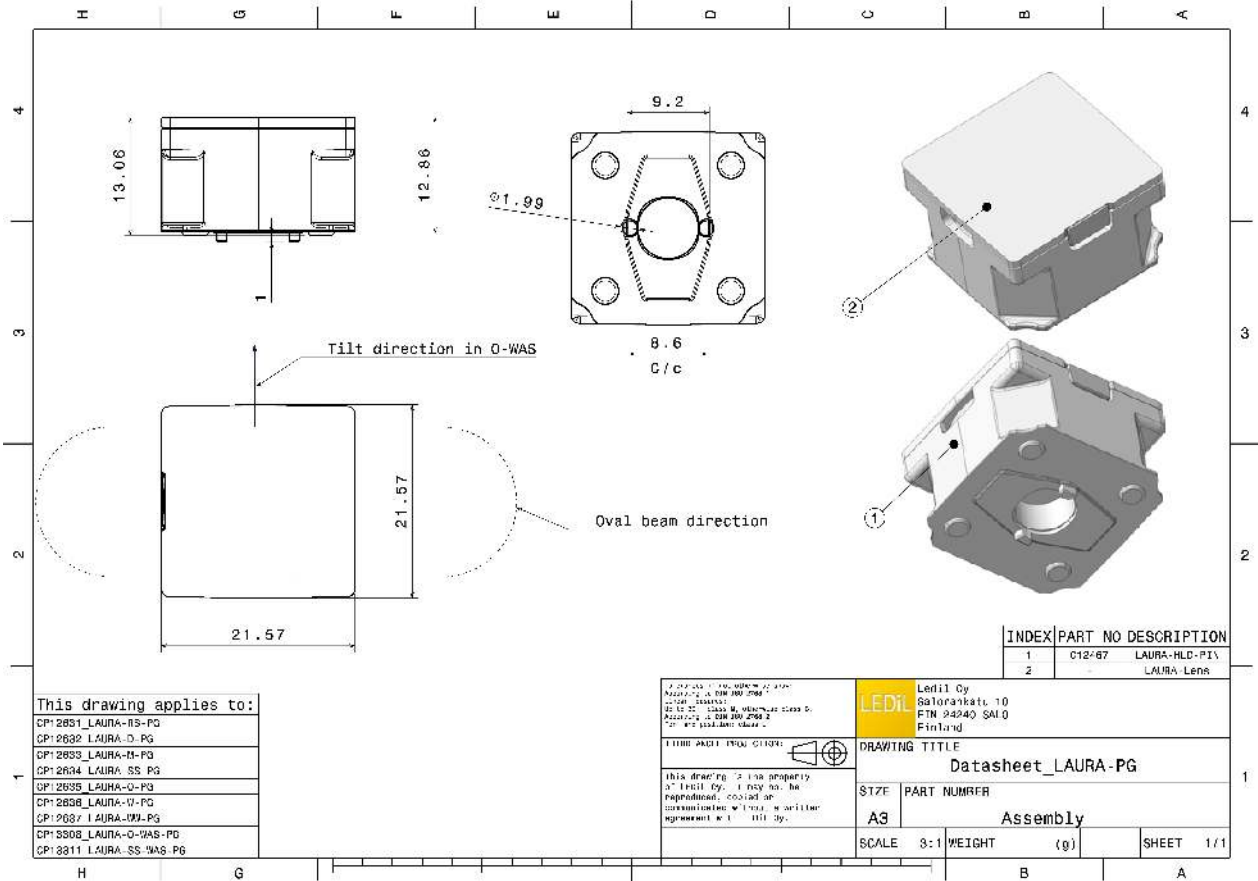
### MATERIAL SPECIFICATIONS:

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



### ORDERING INFORMATION:

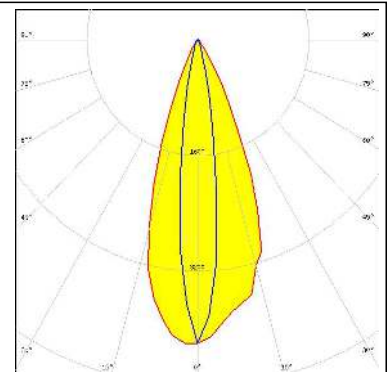
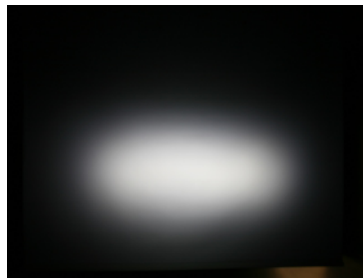
Component		Qty in box	MOQ	MPQ	Box weight (kg)
CP12635_LAURA-O-PG	Single lens	1960	294	98	10.8
» Box size: 480 x 280 x 300 mm					



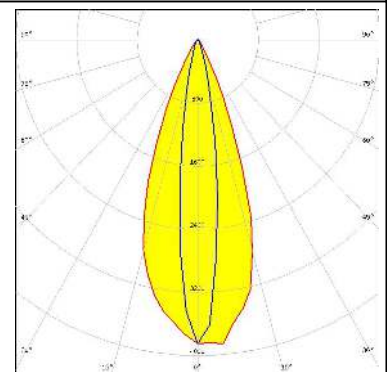
#### PHOTOMETRIC DATA (MEASURED):



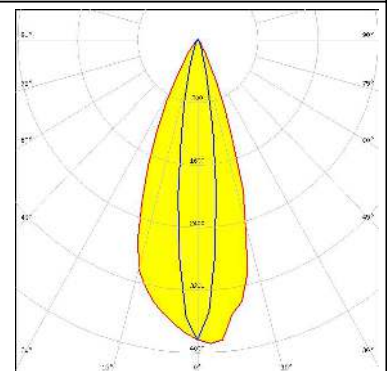
LED XP-G  
 FWHM 44.0 + 15.0°  
 Efficiency 91 %  
 Peak intensity 4.200 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED XT-E  
 FWHM 38.0 + 16.0°  
 Efficiency 89 %  
 Peak intensity 3.900 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED LUXEON A  
 FWHM 36.0 + 15.0°  
 Efficiency 92 %  
 Peak intensity 3.900 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:

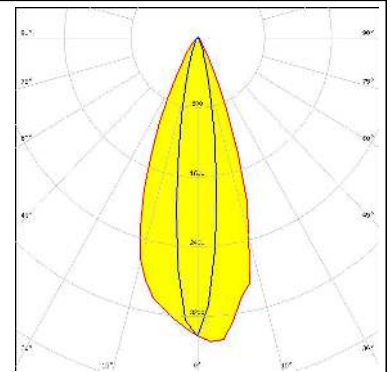
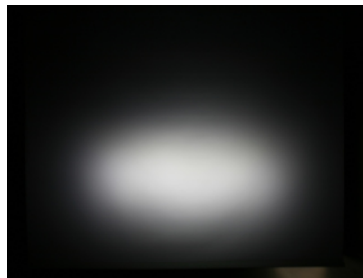


LED LUXEON Rebel  
 FWHM 41.0 + 12.0°  
 Efficiency 90 %  
 Peak intensity 5.000 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:

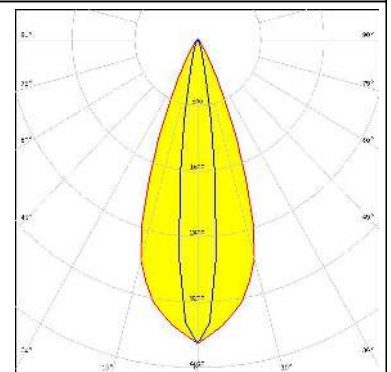
#### PHOTOMETRIC DATA (MEASURED):



LED NVSxx19A  
FWHM 37.0 + 15.0°  
Efficiency 89 %  
Peak intensity 3.500 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



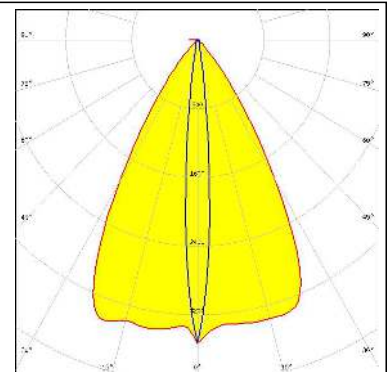
LED OSOLON Square EC  
FWHM 40.0 + 14.0°  
Efficiency 87 %  
Peak intensity 3.700 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



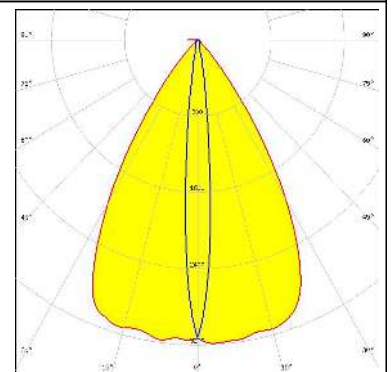
#### PHOTOMETRIC DATA (SIMULATED):



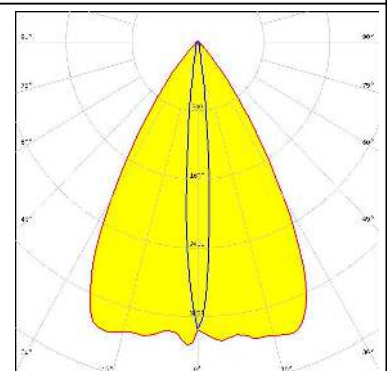
LED XP-E  
 FWHM 60.0 + 10.0°  
 Efficiency 91 %  
 Peak intensity 3.534 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



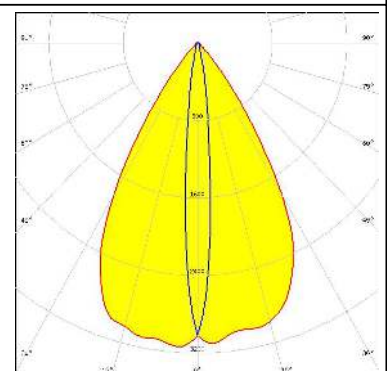
LED NCSxx19A  
 FWHM 64.0 + 10.0°  
 Efficiency 90 %  
 Peak intensity 3.193 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED OSOLON SSL 150  
 FWHM 62.0 + 10.0°  
 Efficiency 92 %  
 Peak intensity 3.583 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED OSOLON SSL 80  
 FWHM 62.0 + 10.0°  
 Efficiency 91 %  
 Peak intensity 3.206 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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