



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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LAURA-O-PG

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

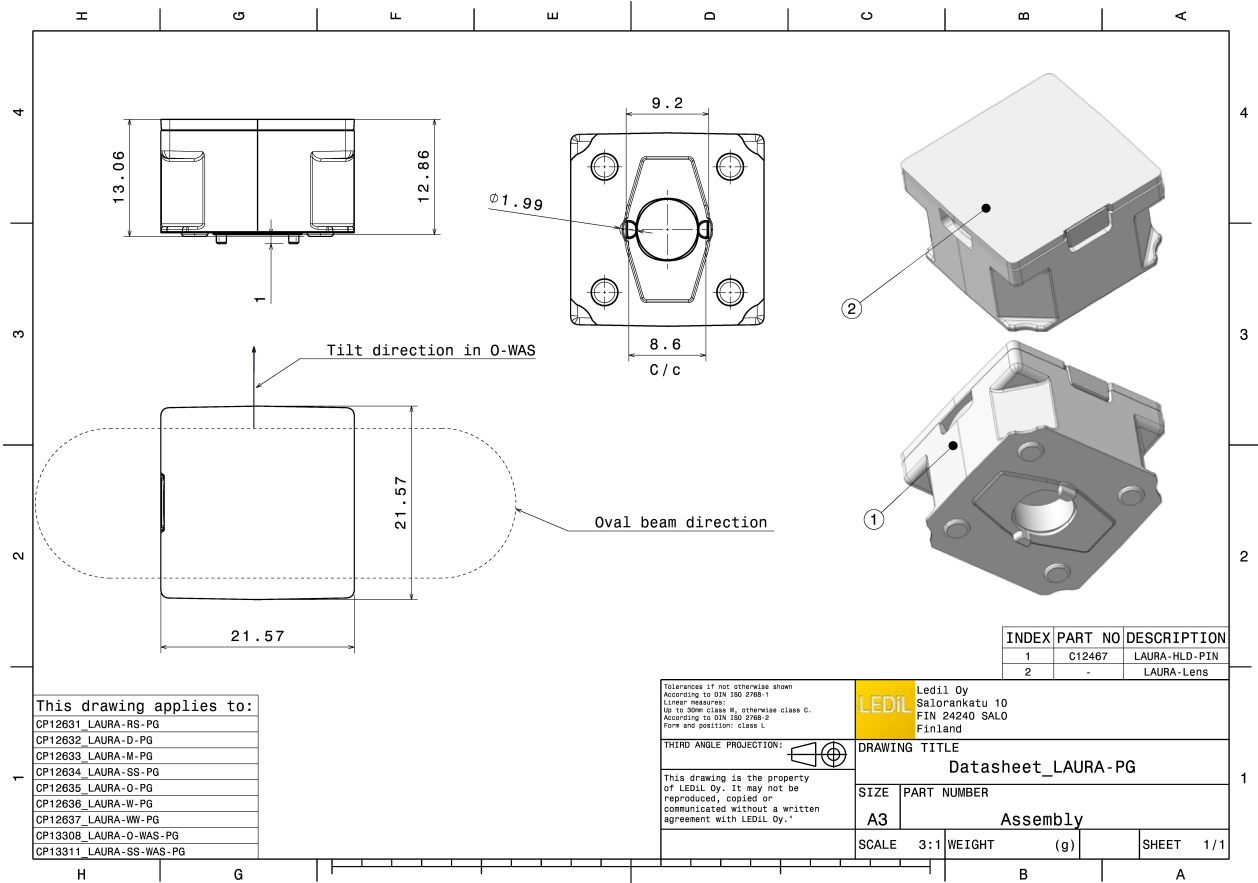
TECHNICAL SPECIFICATIONS:

Dimensions	21.6 x 21.6 mm
Height	13.1 mm
Fastening	glue, pin
Colour	white
Box size	480 x 280 x 300 mm
Box weight	10.8 kg
Quantity in Box	1960 pcs
ROHS compliant	yes ⓘ



MATERIAL SPECIFICATIONS:

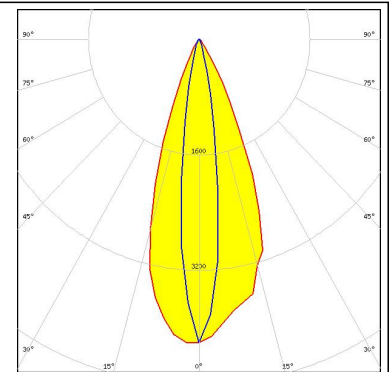
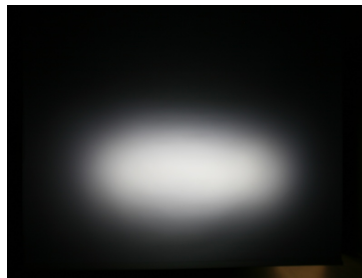
Component	Type	Material	Colour
LAURA-O	Lens	PMMA	clear
LAURA-HLD-PIN	Holder	PC	white



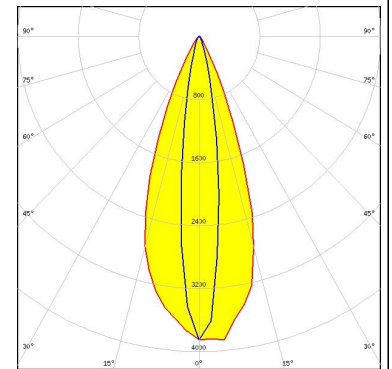
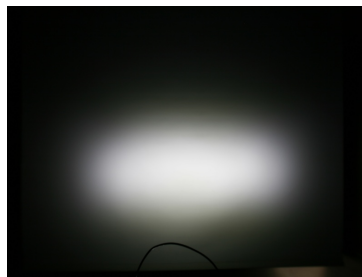
PHOTOMETRIC DATA (MEASURED):



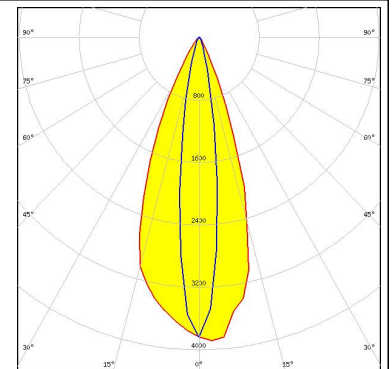
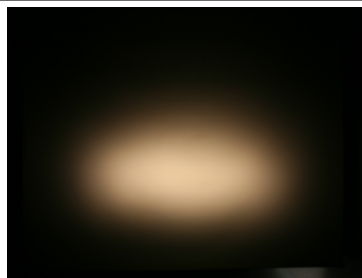
LED XP-G
 FWHM 44.0 + 15.0°
 Efficiency 91 %
 Peak intensity 4.200 cd/lm
 Required components:



LED XT-E
 FWHM 38.0 + 16.0°
 Efficiency 89 %
 Peak intensity 3.900 cd/lm
 Required components:



LED LUXEON A
 FWHM 36.0 + 15.0°
 Efficiency 92 %
 Peak intensity 3.900 cd/lm
 Required components:

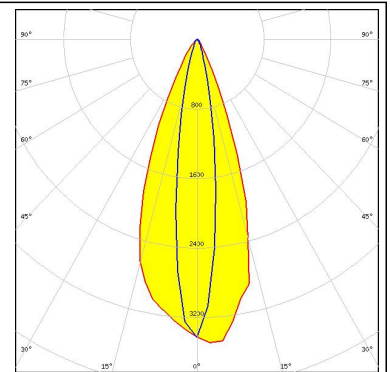
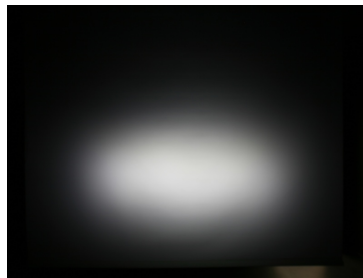


LED LUXEON Rebel
 FWHM 41.0 + 12.0°
 Efficiency 90 %
 Peak intensity 5.000 cd/lm
 Required components:

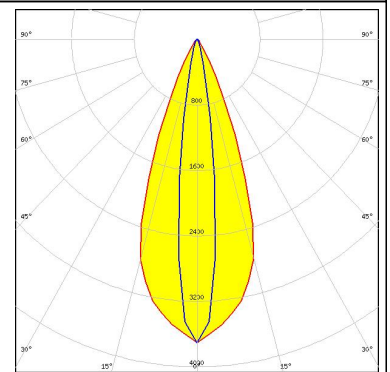
PHOTOMETRIC DATA (MEASURED):



LED NVSxx19A
FWHM 37.0 + 15.0°
Efficiency 89 %
Peak intensity 3.500 cd/lm
Required components:



LED Oslon Square EC
FWHM 40.0 + 14.0°
Efficiency 87 %
Peak intensity 3.700 cd/lm
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.

PRODUCT DATA USER AGREEMENT AND DISCLAIMER:

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