



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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Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



VANESSA-B-S

~17° spot beam

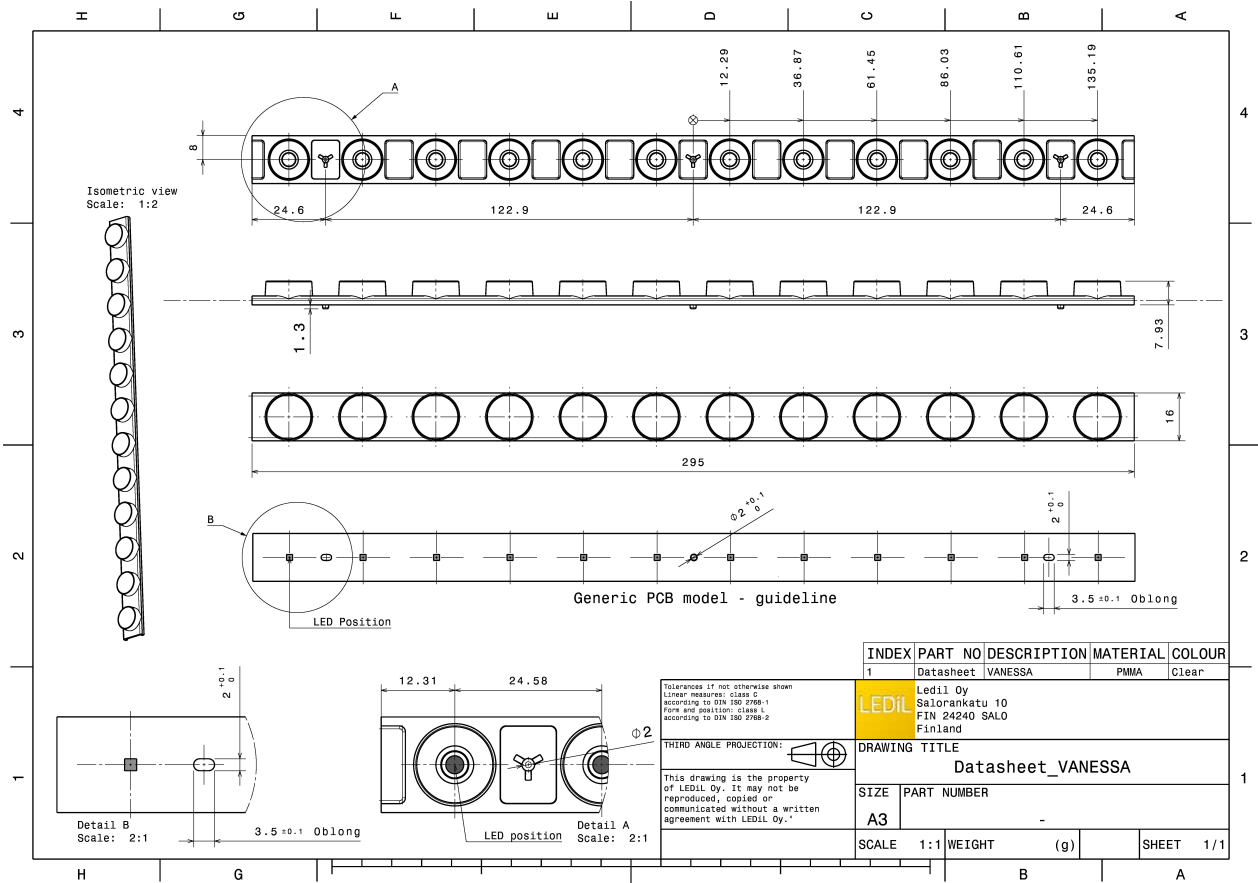
TECHNICAL SPECIFICATIONS:

Dimensions	295x16 mm
Height	8 mm
Fastening	
Colour	clear
Box size	350 x 350 x 380 mm
Box weight	11.2 kg
Quantity in Box	448 pcs
ROHS compliant	yes ⓘ



MATERIAL SPECIFICATIONS:

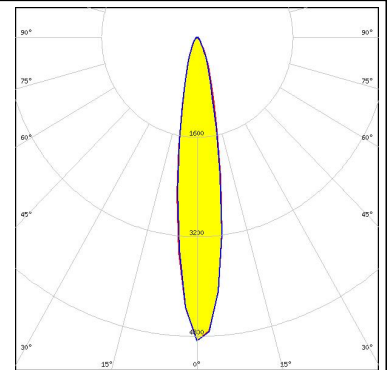
Component	Type	Material	Colour
VANESSA-B-S	Lens	PMMA	clear



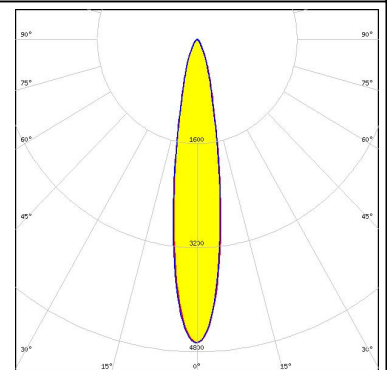
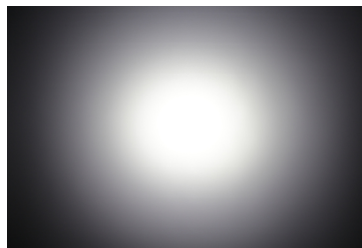
PHOTOMETRIC DATA (MEASURED):



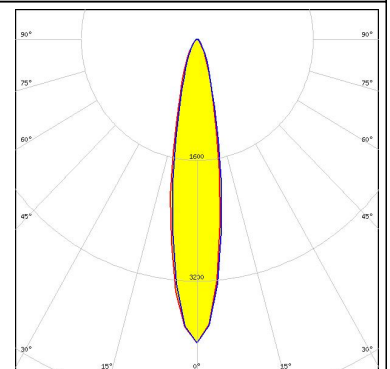
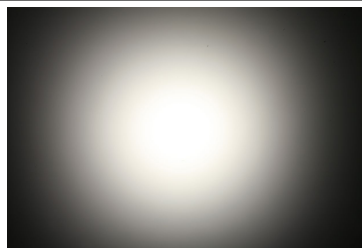
LED XP-E
FWHM 17.0°
Efficiency 94 %
Peak intensity 4.923 cd/lm
Required components:



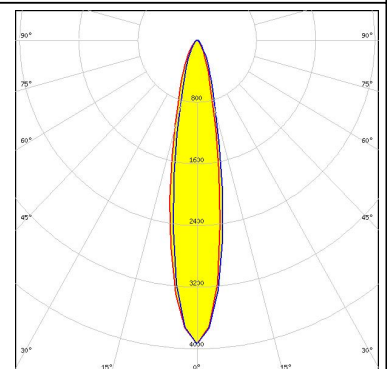
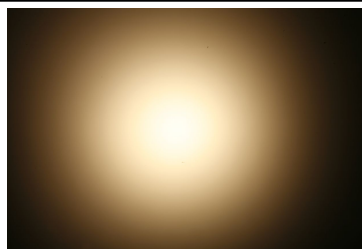
LED XP-E2
FWHM 18.0°
Efficiency 88 %
Peak intensity 4.670 cd/lm
Required components:



LED XP-G
FWHM 19.0°
Efficiency 94 %
Peak intensity 4.019 cd/lm
Required components:



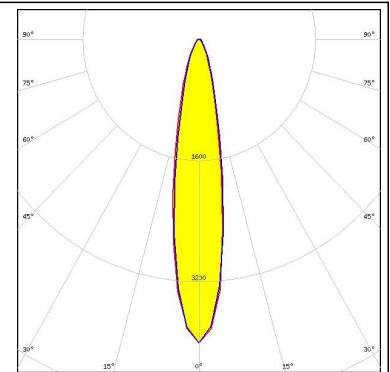
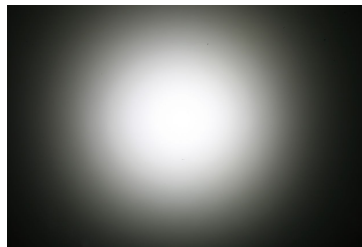
LED XP-G2
FWHM 19.0°
Efficiency 94 %
Peak intensity 3.938 cd/lm
Required components:



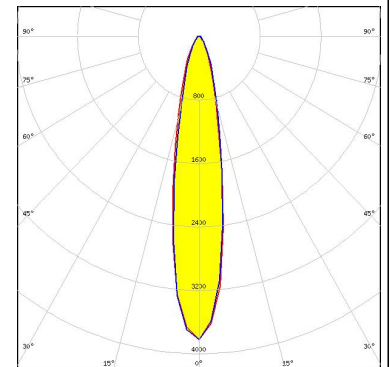
PHOTOMETRIC DATA (MEASURED):



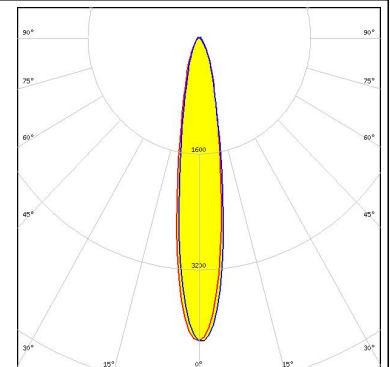
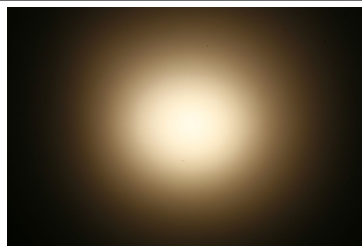
LED XT-E
FWHM 19.0°
Efficiency 94 %
Peak intensity 4.008 cd/lm
Required components:



LED LUXEON Rebel ES
FWHM 19.0°
Efficiency 94 %
Peak intensity 3.827 cd/lm
Required components:



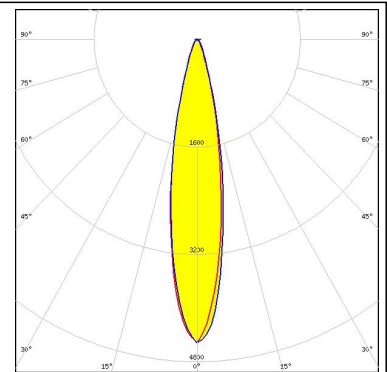
LED Oslon Square EC
FWHM 17.0°
Efficiency 94 %
Peak intensity 4.180 cd/lm
Required components:



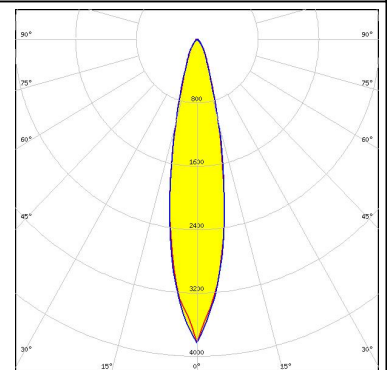
PHOTOMETRIC DATA (SIMULATED):



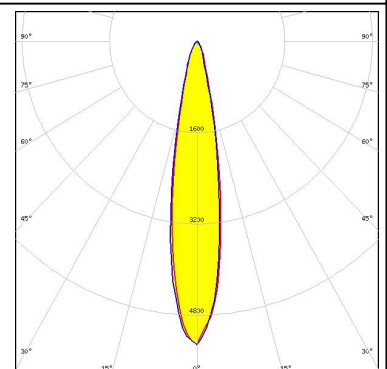
LED XB-D
 FWHM 20.0°
 Efficiency 92 %
 Peak intensity 4.520 cd/lm
 Required components:



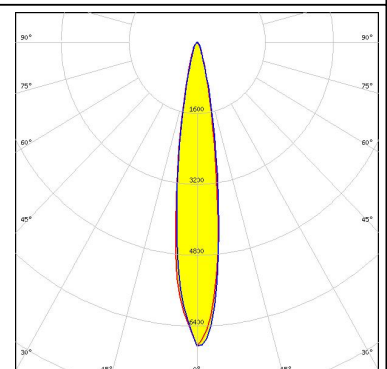
LED NVSxx19B/NVSxx19C
 FWHM 21.0°
 Efficiency 92 %
 Peak intensity 3.800 cd/lm
 Required components:



LED Duris S5 (2 chip)
 FWHM 19.0°
 Efficiency 94 %
 Peak intensity 5.350 cd/lm
 Required components:



LED Duris S5 (Single chip)
 FWHM 16.0°
 Efficiency 94 %
 Peak intensity 6.900 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.

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The measured data in the provided downloadable LEDiL Product Datasheets and Mechanical 2D-Drawings is rounded and provided as reference for planning. LEDiL Oy's optical specifications have been verified by conducting performance testing of the products in accordance with the company's quality system. The reported data are averaged results of multiple measurements with typical variation. LEDiL Oy reserves the right to without prior notification make changes and improvements to its products.

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