



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



VERONICA-SQ-MINI-D

~15° diffused spot beam

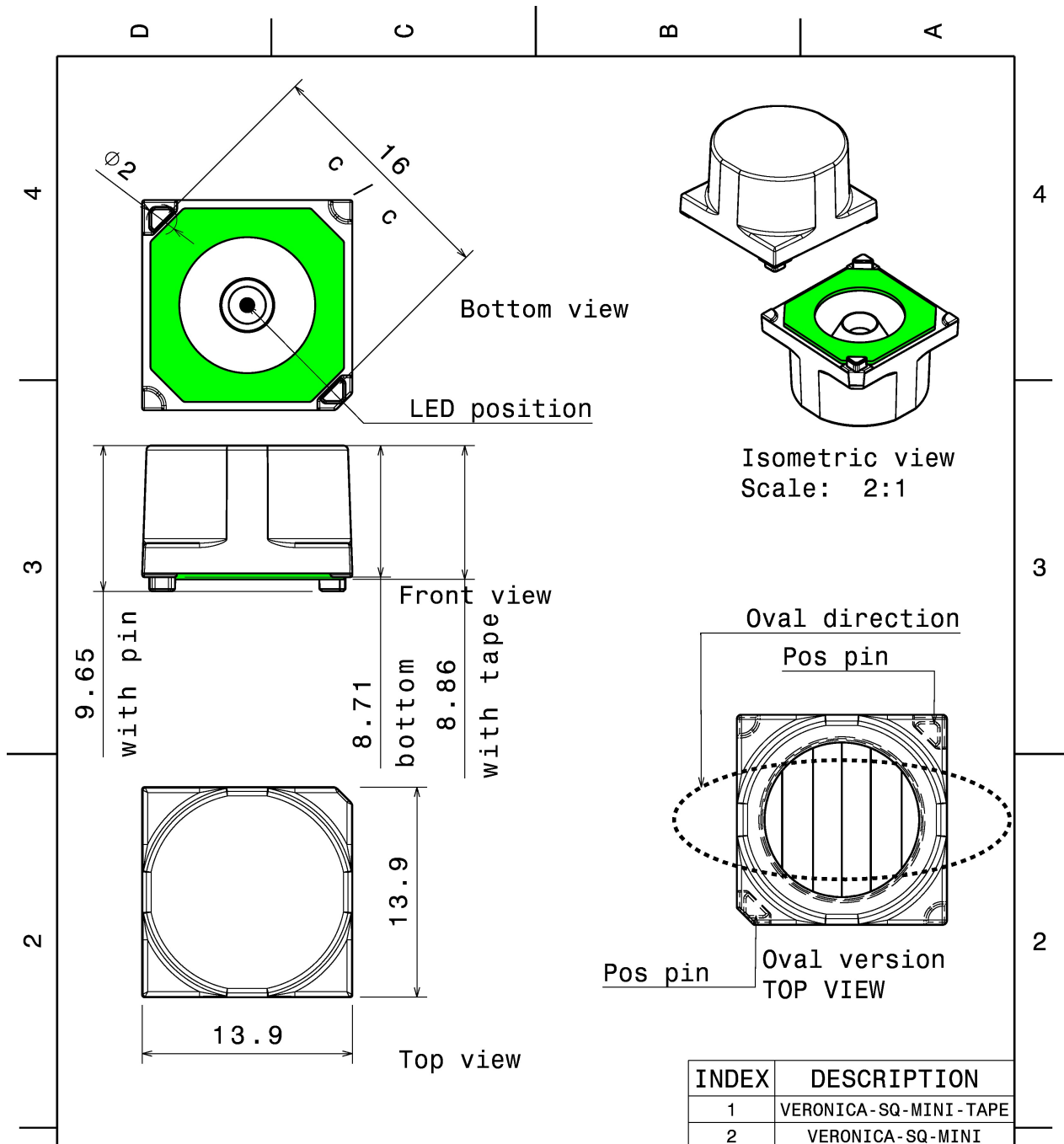
TECHNICAL SPECIFICATIONS:

Dimensions	13.9 mm
Height	8.9 mm
Fastening	tape, pin
Colour	clear
Box size	480 x 280 x 300 mm
Box weight	9.2 kg
Quantity in Box	5544 pcs
ROHS compliant	yes ⓘ



MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour
VERONICA-SQ-MINI-D	Lens	PMMA	clear
VERONICA-SQ-MINI-TAPE	Tape	Acrylic foam	clear



INDEX	DESCRIPTION
1	VERONICA-SQ-MINI-TAPE
2	VERONICA-SQ-MINI

Tolerances if not otherwise shown
According to DIN ISO 2768-1
Linear measures:
up to 30mm class M, otherwise class C
According to DIN ISO 2768-2
Form and position: class L

LEDiL

Ledil Oy
Joensuunkatu 13
FIN 24100 SALO
Finland

THIRD ANGLE PROJECTION:

DRAWING TITLE

VERONICA-SQ-MINI

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SIZE PART NUMBER

A4

-

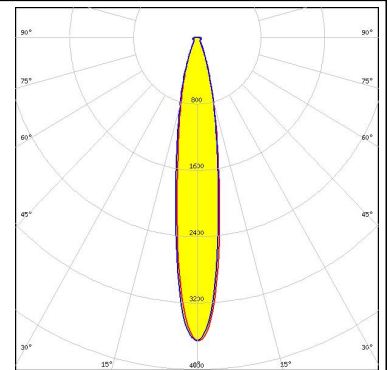
SCALE 3:1 WEIGHT

SHEET 1/1

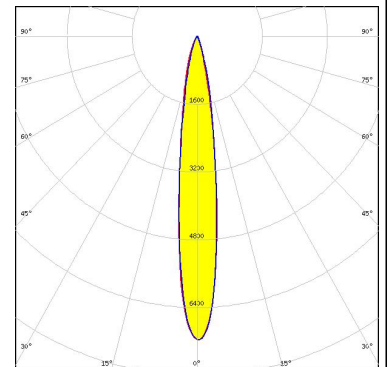
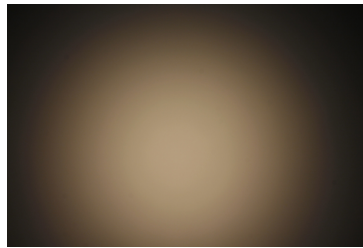
PHOTOMETRIC DATA (MEASURED):



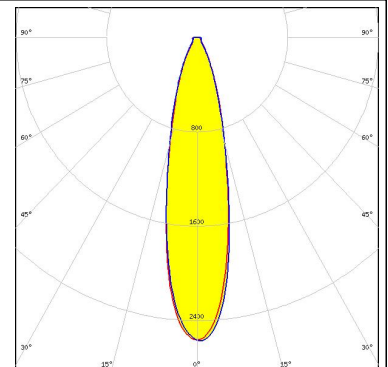
LED XD16
 FWHM 17.0°
 Efficiency 90 %
 Peak intensity 3.700 cd/lm
 Required components:



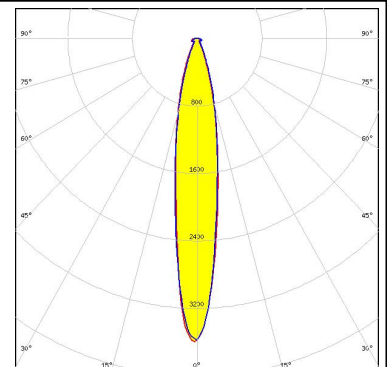
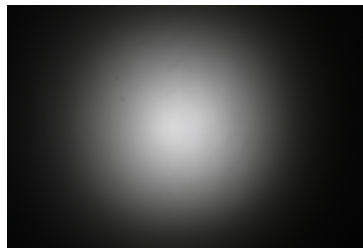
LED XP-E2
 FWHM 15.0°
 Efficiency 92 %
 Peak intensity 7.200 cd/lm
 Required components:



LED XP-G3
 FWHM 24.0°
 Efficiency 93 %
 Peak intensity 2.600 cd/lm
 Required components:



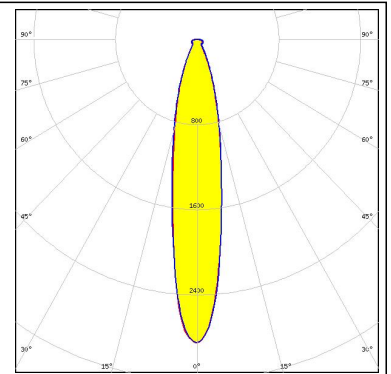
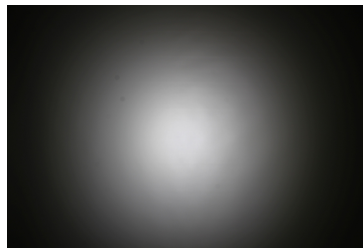
LED NCSxE17A
 FWHM 17.0°
 Efficiency 89 %
 Peak intensity 3.600 cd/lm
 Required components:



PHOTOMETRIC DATA (MEASURED):

SAMSUNG

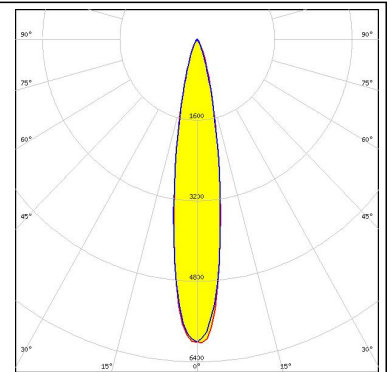
LED LH181B
FWHM 19.0°
Efficiency 90 %
Peak intensity 2.850 cd/lm
Required components:



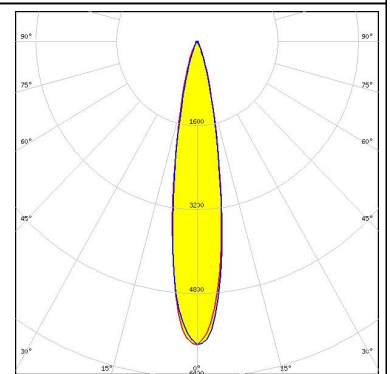
PHOTOMETRIC DATA (SIMULATED):



LED J Series 3030
FWHM 18.0°
Efficiency 94 %
Peak intensity 6.124 cd/lm
Required components:



LED Oslon Square Gen3
FWHM 19.0°
Efficiency 94 %
Peak intensity 5.810 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:

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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