



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



FLARE-MINI-AD

~100° x 20° oval beam

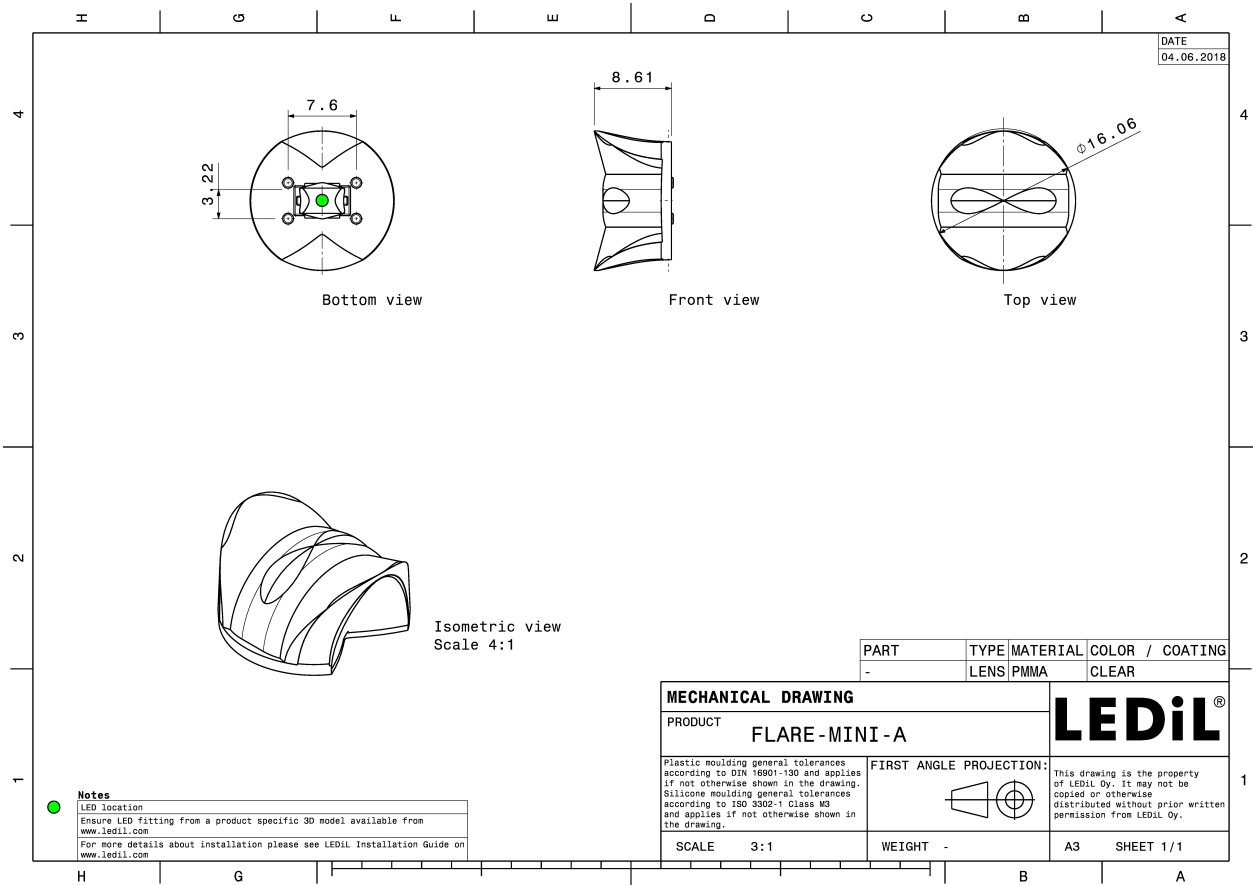
TECHNICAL SPECIFICATIONS:

Dimensions	Ø 16.0 mm
Height	8.6 mm
Fastening	glue
Colour	clear
Box size	
Box weight	3.7 kg
Quantity in Box	2400 pcs
ROHS compliant	yes ⓘ



MATERIAL SPECIFICATIONS:

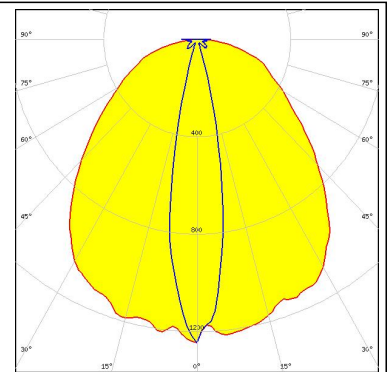
Component	Type	Material	Colour
FLARE-MINI-AD	Lens	PMMA	clear



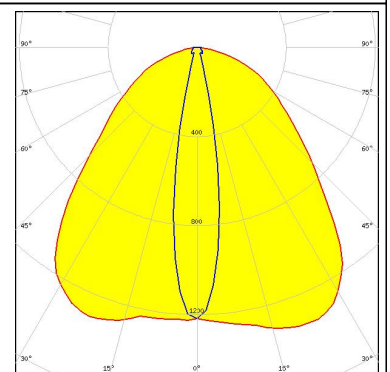
PHOTOMETRIC DATA (MEASURED):



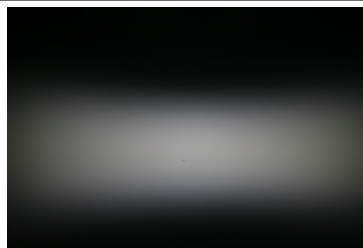
LED XB-D
FWHM 100.0 + 16.0°
Efficiency 93 %
Peak intensity 1.200 cd/lm
Required components:



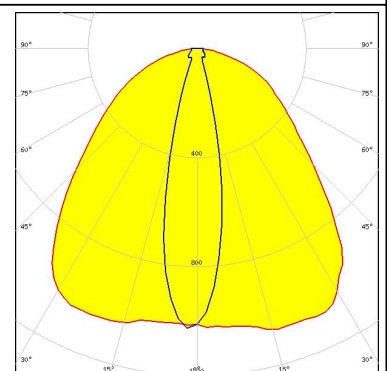
LED XP-E2
FWHM 93.0 + 19.0°
Efficiency 94 %
Peak intensity 1.300 cd/lm
Required components:



LED XP-G
FWHM 100.0 + 20.0°
Efficiency 94 %
Peak intensity 1.100 cd/lm
Required components:



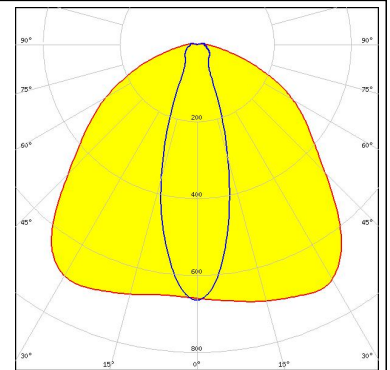
LED XP-G2
FWHM 97.0 + 24.0°
Efficiency 94 %
Peak intensity 1.000 cd/lm
Required components:



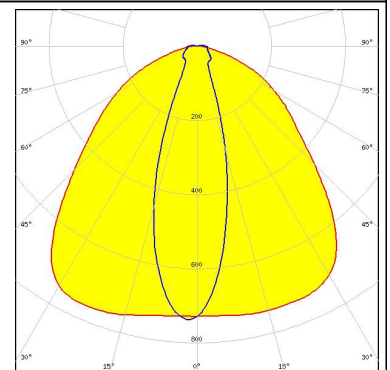
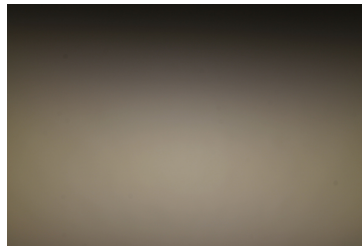
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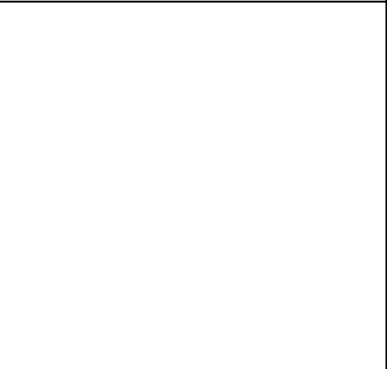
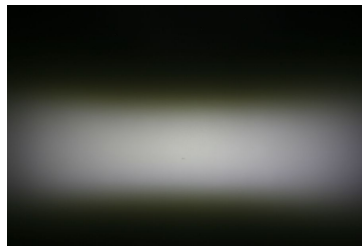
LED XP-L
 FWHM 111.0 + 30.0°
 Efficiency 90 %
 Peak intensity 0.710 cd/lm
 Required components:



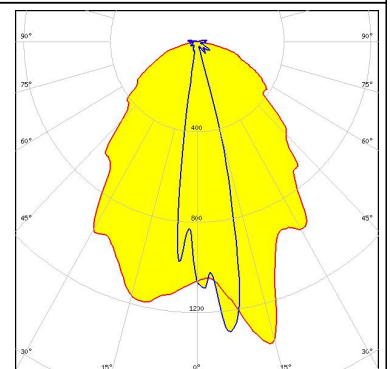
LED XP-L2
 FWHM 100.0 + 30.0°
 Efficiency 94 %
 Peak intensity 0.760 cd/lm
 Required components:



LED XT-E
 FWHM 104.0 + 19.0°
 Efficiency 94 %
 Peak intensity 1.100 cd/lm
 Required components:



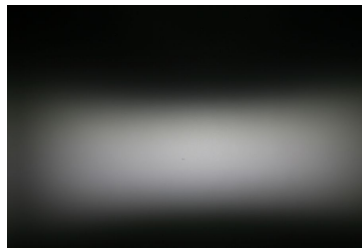
LED LUXEON CZ
 FWHM 92.0 + 20.0°
 Efficiency 94 %
 Peak intensity 1.800 cd/lm
 Required components:



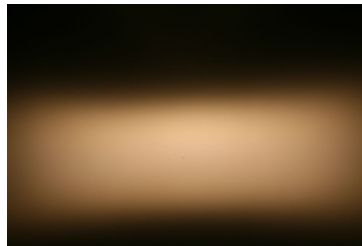
PHOTOMETRIC DATA (MEASURED):



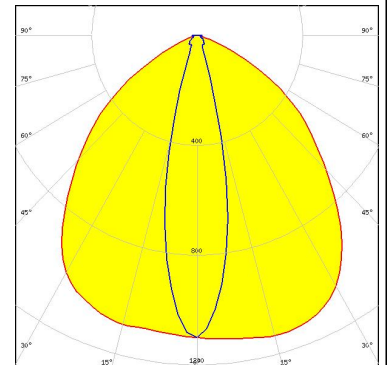
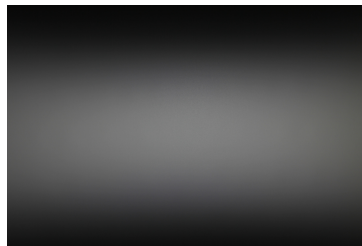
LED NVSxx19A
FWHM 100.0 + 20.0°
Efficiency 94 %
Peak intensity 1.100 cd/lm
Required components:



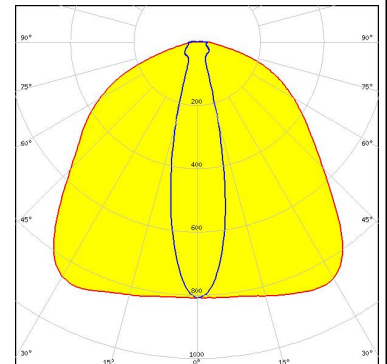
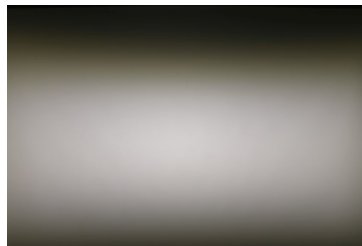
LED Oslon Square EC
FWHM 92.0 + 21.0°
Efficiency 94 %
Peak intensity 1.100 cd/lm
Required components:



LED LH351Z
FWHM 99.0 + 25.0°
Efficiency 94 %
Peak intensity 1.100 cd/lm
Required components:



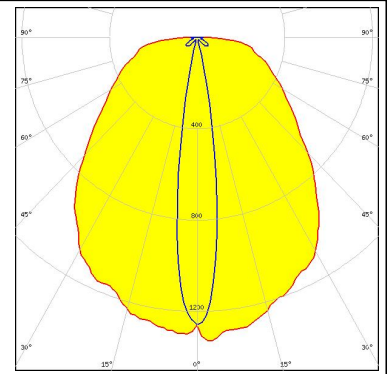
LED Z8Y22P
FWHM 112.0 + 24.0°
Efficiency 93 %
Peak intensity 0.870 cd/lm
Required components:



PHOTOMETRIC DATA (SIMULATED):



LED LUXEON C
FWHM 15.0 + 94.0°
Efficiency 93 %
Peak intensity 1.350 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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