



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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## FLARE-B

29 x 23 mm lens with ~100° x 10° oval beam

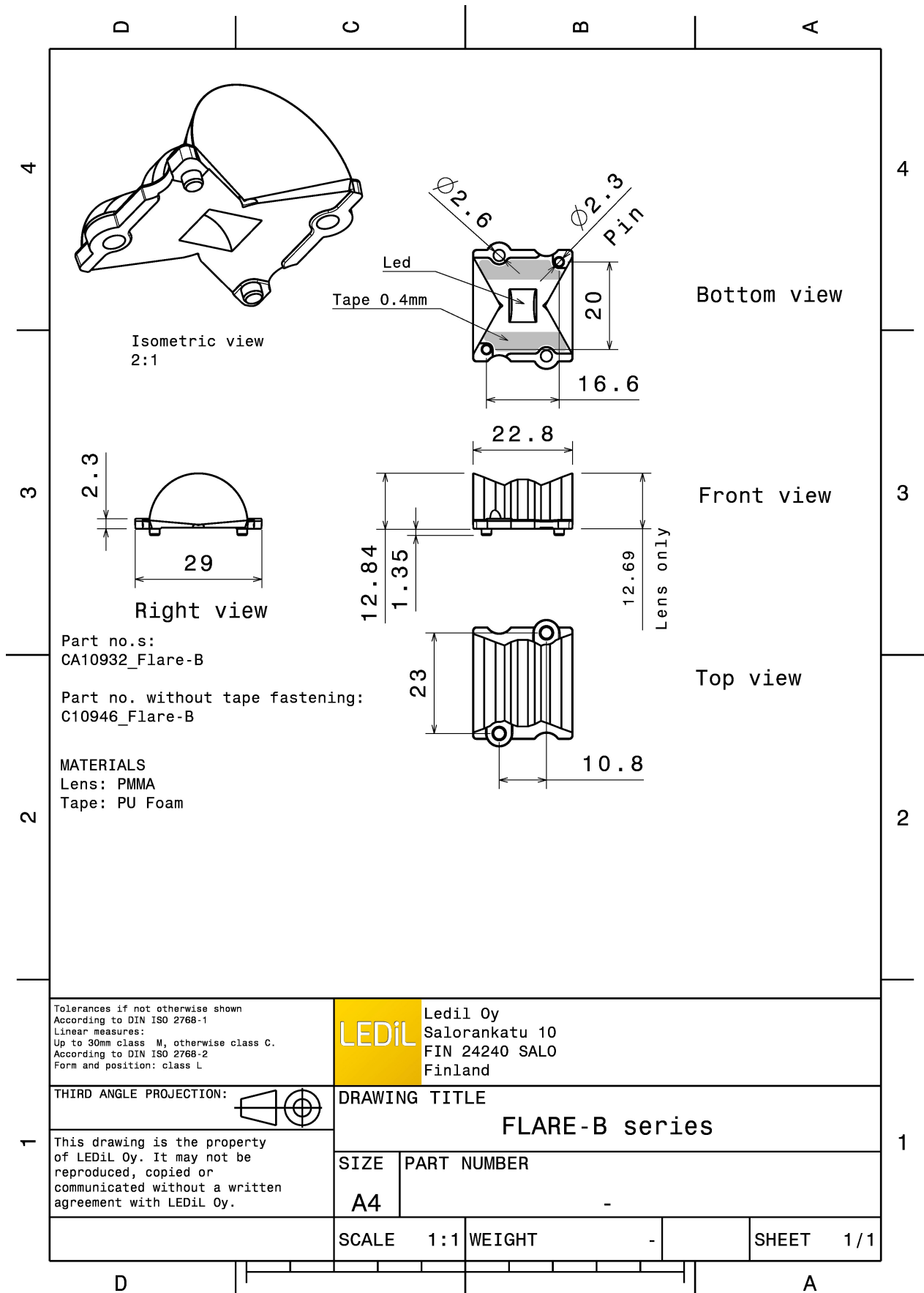
### TECHNICAL SPECIFICATIONS:

Dimensions	29 x 23 mm
Height	12.7 mm
Fastening	glue, screw
Colour	clear
Box size	460 x 250 x 300 mm
Box weight	8.6 kg
Quantity in Box	1792 pcs
ROHS compliant	yes ⓘ



### MATERIAL SPECIFICATIONS:

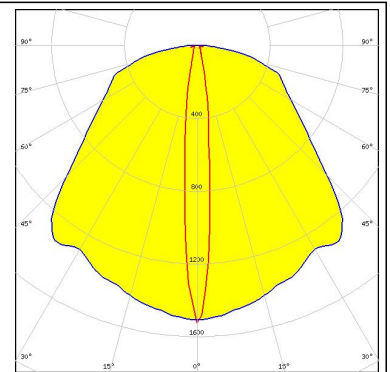
Component	Type	Material	Colour
FLARE-B	Lens	PMMA	clear



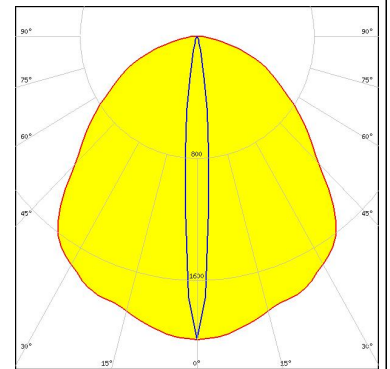
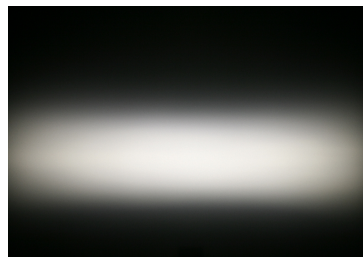
#### PHOTOMETRIC DATA (MEASURED):



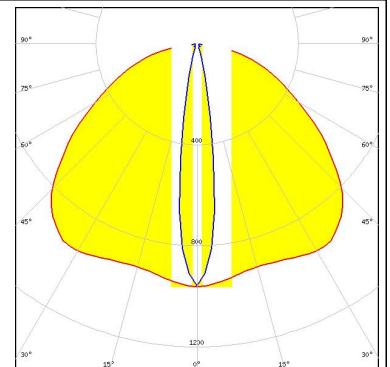
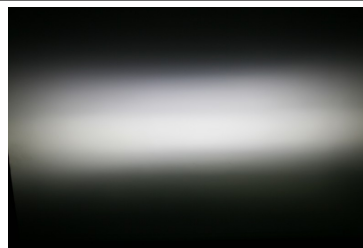
LED XB-D  
 FWHM 10.0 + 108.0°  
 Efficiency 93 %  
 Peak intensity 1.520 cd/lm  
 Required components:



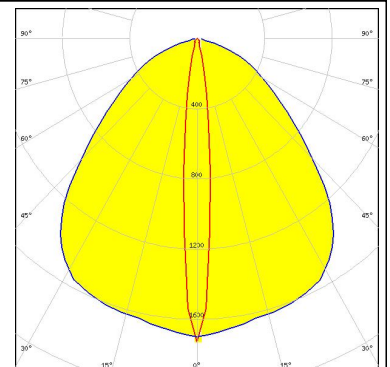
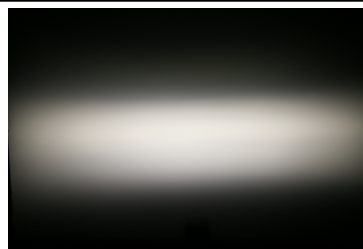
LED XP-E  
 FWHM 12.0 + 96.0°  
 Efficiency 94 %  
 Peak intensity cd/lm  
 Required components:



LED XP-G  
 FWHM 14.0 + 112.0°  
 Efficiency 95 %  
 Peak intensity cd/lm  
 Required components:



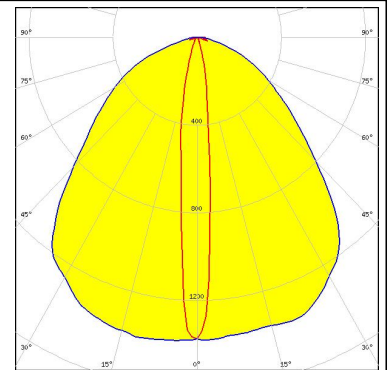
LED LUXEON Rebel  
 FWHM 11.0 + 93.0°  
 Efficiency 94 %  
 Peak intensity cd/lm  
 Required components:



### PHOTOMETRIC DATA (MEASURED):



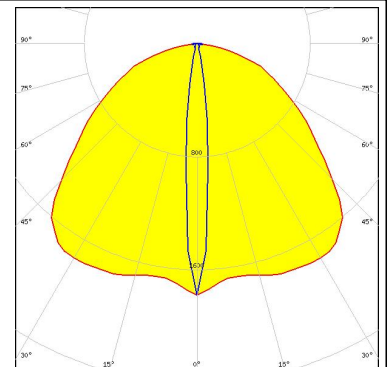
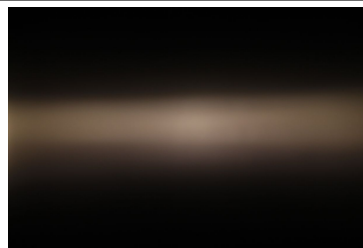
LED LUXEON Rebel ES  
 FWHM 12.0 + 104.0°  
 Efficiency 94 %  
 Peak intensity 1.370 cd/lm  
 Required components:



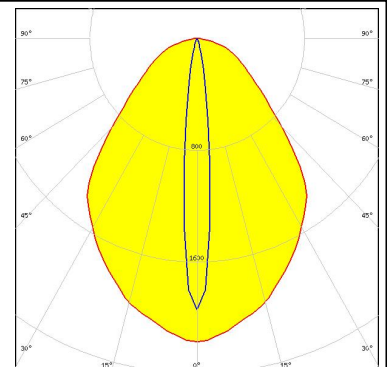
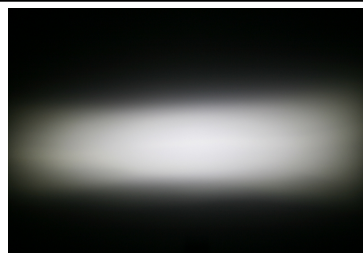
LED NCSxx19A  
 FWHM 9.0 + 88.0°  
 Efficiency 94 %  
 Peak intensity cd/lm  
 Required components:



LED Oslon SSL 150  
 FWHM 9.0 + 117.0°  
 Efficiency 93 %  
 Peak intensity 1.600 cd/lm  
 Required components:



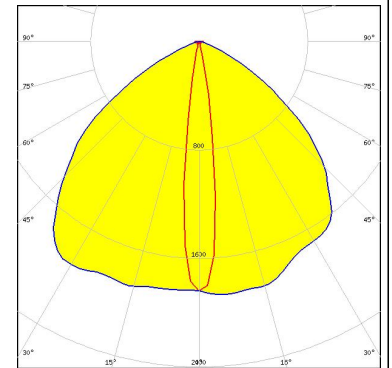
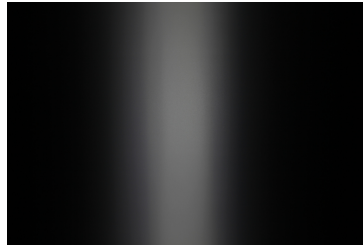
LED Oslon SSL 80  
 FWHM 9.0 + 88.0°  
 Efficiency 95 %  
 Peak intensity cd/lm  
 Required components:



### PHOTOMETRIC DATA (MEASURED):

#### SAMSUNG

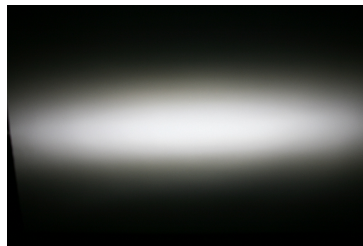
LED LH351Z  
FWHM 14.0 + 106.0°  
Efficiency 94 %  
Peak intensity 1.900 cd/lm  
Required components:



LED Z5  
FWHM 12.0 + 96.0°  
Efficiency %  
Peak intensity cd/lm  
Required components:

#### SHARP

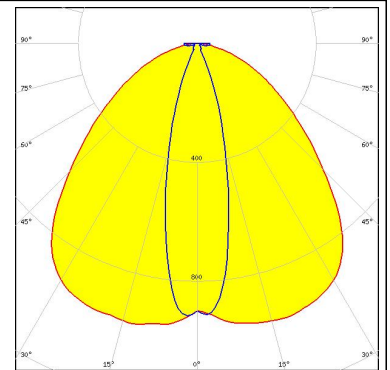
LED Double Dome (GM2BB)  
FWHM 11.0 + 104.0°  
Efficiency %  
Peak intensity cd/lm  
Required components:



### PHOTOMETRIC DATA (SIMULATED):



LED MHB-A/B  
FWHM 26.0 + 100.0°  
Efficiency 94 %  
Peak intensity 0.970 cd/lm  
Required components:



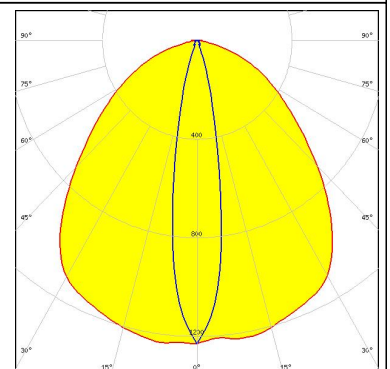
LED XP-E2  
FWHM 18.0 + 108.0°  
Efficiency 94 %  
Peak intensity 1.590 cd/lm  
Required components:



LED XP-G2  
FWHM 22.0 + 108.0°  
Efficiency 94 %  
Peak intensity 1.370 cd/lm  
Required components:



LED Duris S8  
FWHM 19.0 + 97.0°  
Efficiency 94 %  
Peak intensity 1.240 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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