



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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Email & Skype: info@chipsmall.com Web: www.chipsmall.com

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



HB-2X2-ON

~15° + 50° oval beam

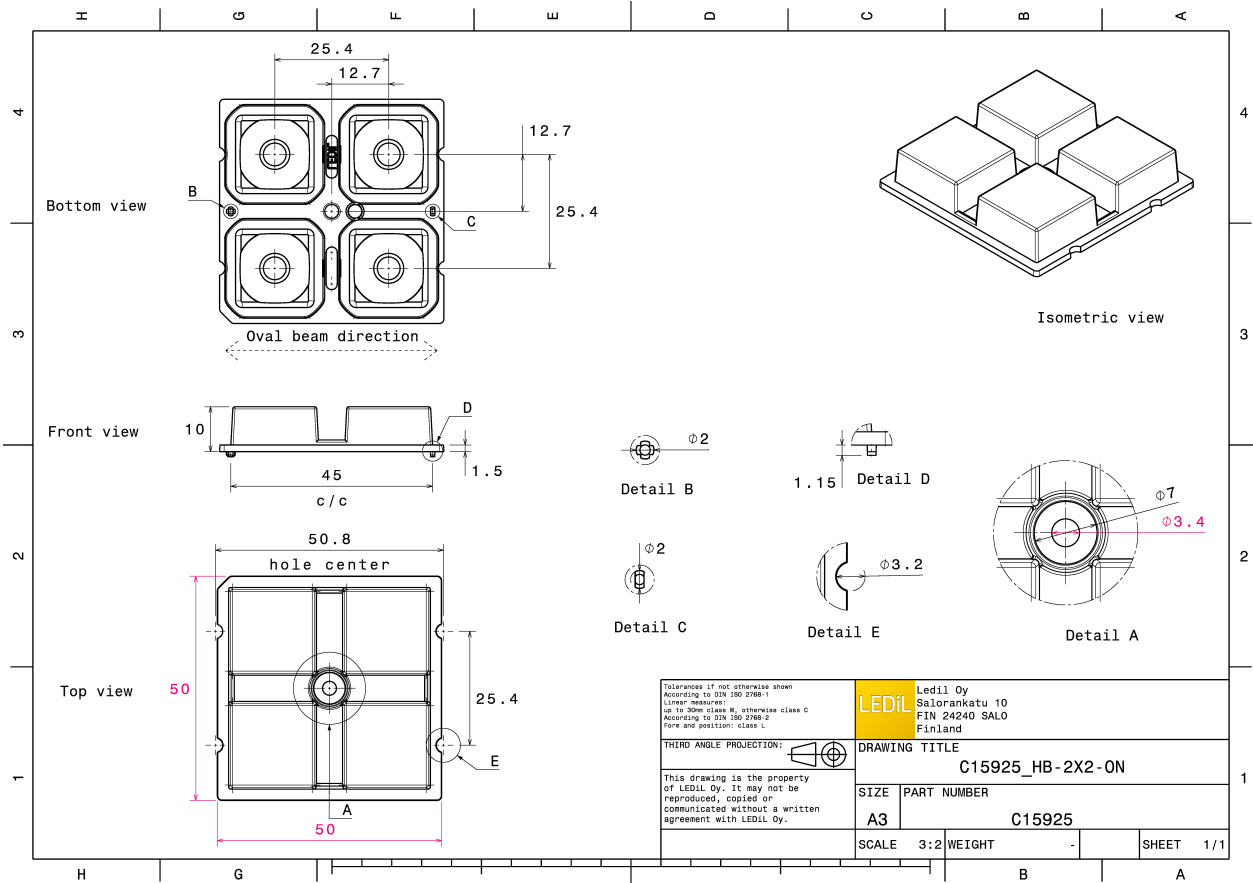
TECHNICAL SPECIFICATIONS:

Dimensions	50.0 mm
Height	10 mm
Fastening	screw
Colour	clear
Box size	480 x 280 x 300 mm
Box weight	9.8 kg
Quantity in Box	800 pcs
ROHS compliant	yes ⓘ



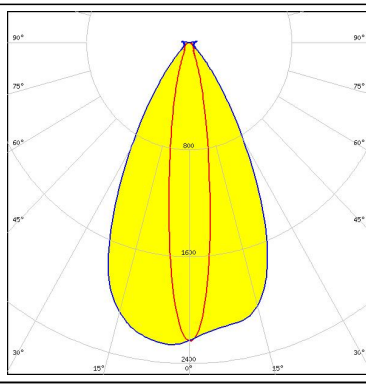

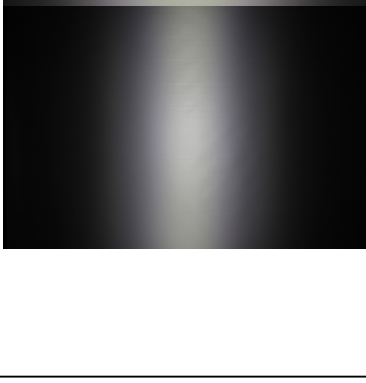
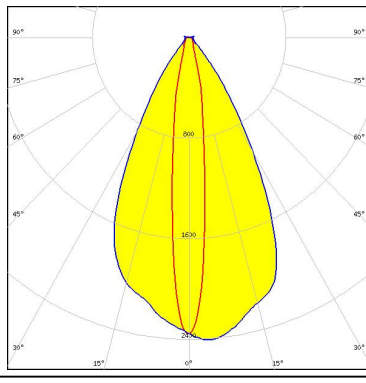

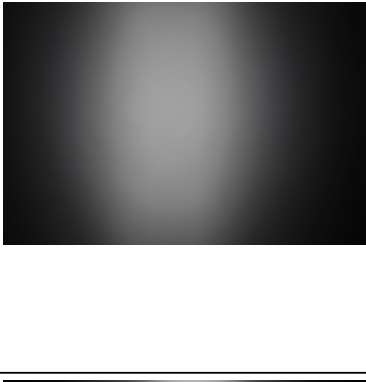
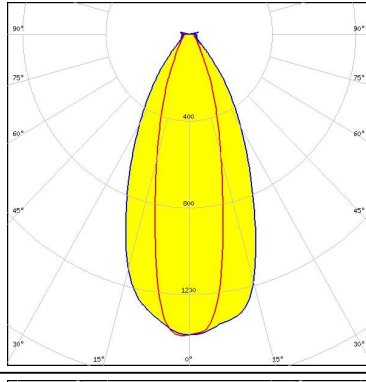

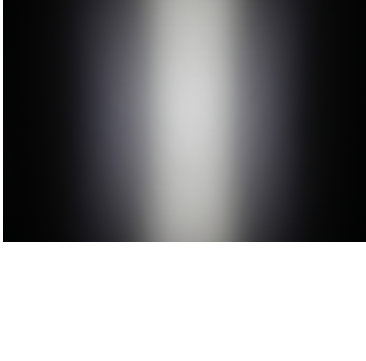
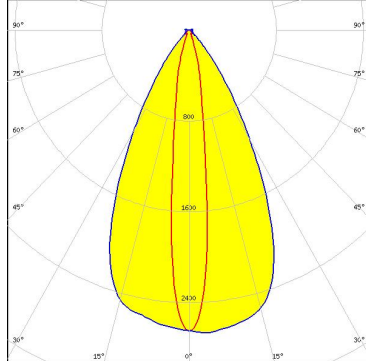


MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour
HB-2X2-ON	Lens array	PMMA	clear



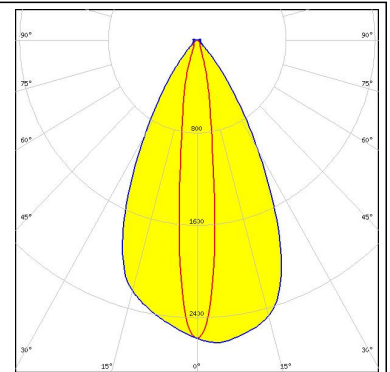
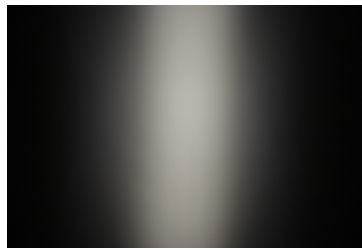
PHOTOMETRIC DATA (MEASURED):

<p></p> <p>LED QUICK FLUX XTP 2x4 xxx LS G5</p> <p>FWHM 16.0 + 55.0°</p> <p>Efficiency 93 %</p> <p>Peak intensity 2.300 cd/lm</p> <p>Required components:</p>		
<p></p> <p>LED XD16</p> <p>FWHM 13.0 + 55.0°</p> <p>Efficiency 89 %</p> <p>Peak intensity 2.400 cd/lm</p> <p>Required components:</p>		
<p></p> <p>LED XD16 2x2 cluster</p> <p>FWHM 27.0 + 49.0°</p> <p>Efficiency 90 %</p> <p>Peak intensity 1.400 cd/lm</p> <p>Required components:</p>		
<p></p> <p>LED XP-G2</p> <p>FWHM 14.0 + 55.0°</p> <p>Efficiency 89 %</p> <p>Peak intensity 2.670 cd/lm</p> <p>Required components:</p>		

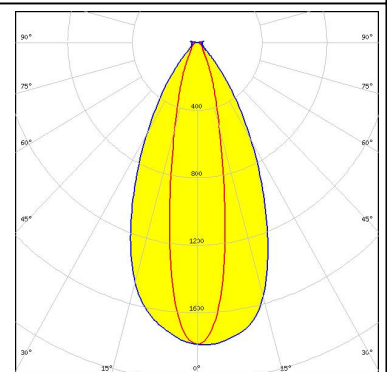
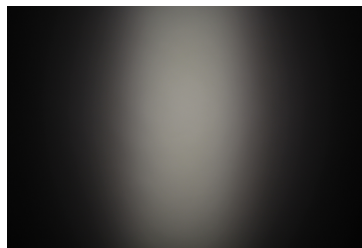
PHOTOMETRIC DATA (MEASURED):



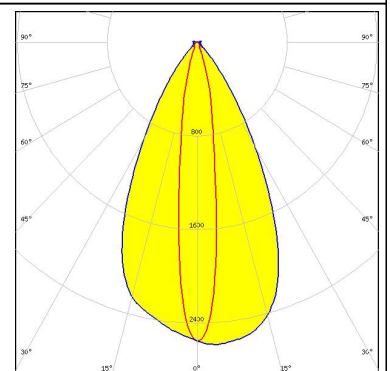
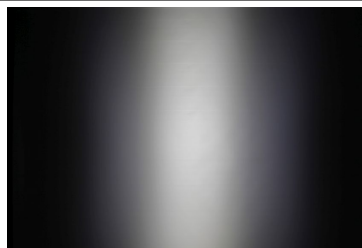
LED XP-L HI
 FWHM 14.0 + 55.0°
 Efficiency 91 %
 Peak intensity 2.600 cd/lm
 Required components:



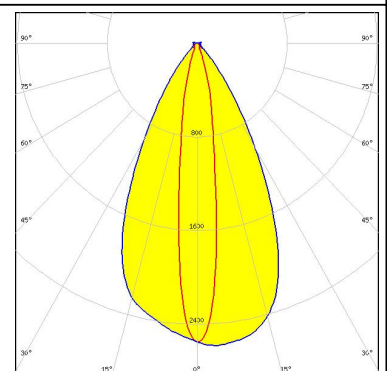
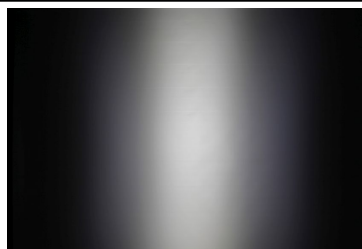
LED LUXEON V
 FWHM 22.0 + 51.0°
 Efficiency 92 %
 Peak intensity 1.800 cd/lm
 Required components:





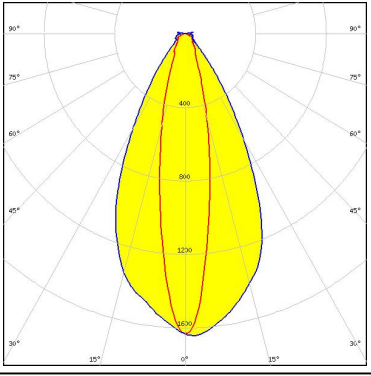

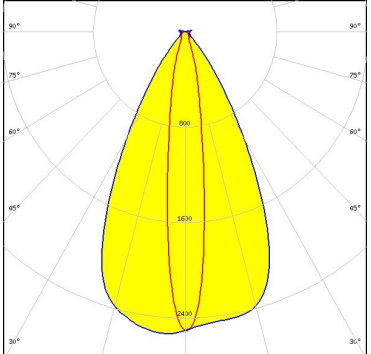
LED PrevaLED Brick DC 2x8
 FWHM 15.0 + 54.0°
 Efficiency 91 %
 Peak intensity 2.600 cd/lm
 Required components:



LED Oslon Square Gen3
 FWHM 15.0 + 54.0°
 Efficiency 91 %
 Peak intensity 2.600 cd/lm
 Required components:



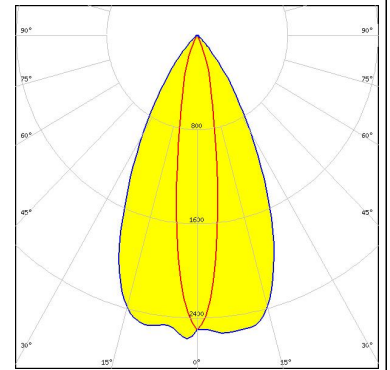
PHOTOMETRIC DATA (MEASURED):

<p> SEOUL SEMICONDUCTOR</p> <p>LED Z8Y22 FWHM 20.0 + 53.0° Efficiency 91 % Peak intensity 1.600 cd/lm Required components:</p>		
<p>TRIDONIC</p> <p>LED RLE G2 HP 2x8 4000lm FWHM 15.0 + 55.0° Efficiency 94 % Peak intensity 2.500 cd/lm Required components:</p>		

PHOTOMETRIC DATA (SIMULATED):



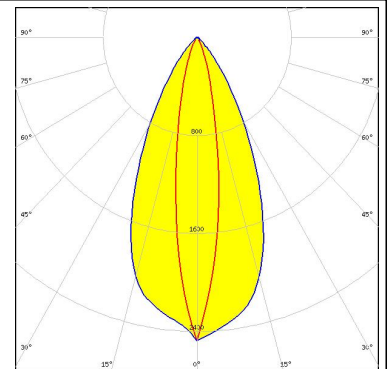
LED XHP35 HI
 FWHM 16.0 + 50.0°
 Efficiency 90 %
 Peak intensity 0.000 cd/lm
 Required components:



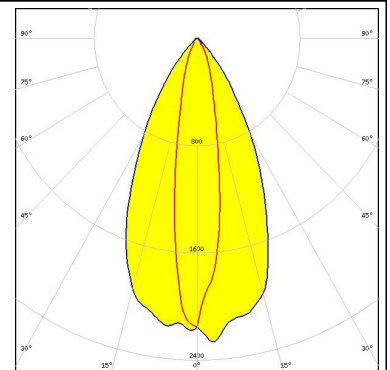
LED XP-E2
 FWHM 10.0 + 50.0°
 Efficiency 90 %
 Peak intensity 0.000 cd/lm
 Required components:



LED XP-G3
 FWHM 17.0 + 48.0°
 Efficiency 89 %
 Peak intensity 0.000 cd/lm
 Required components:



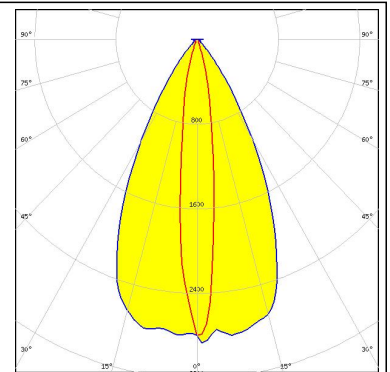
LED XP-L
 FWHM 18.0 + 50.0°
 Efficiency 88 %
 Peak intensity 0.000 cd/lm
 Required components:



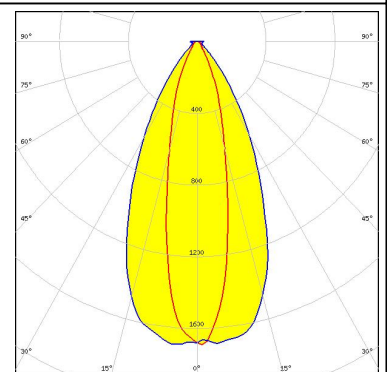
PHOTOMETRIC DATA (SIMULATED):



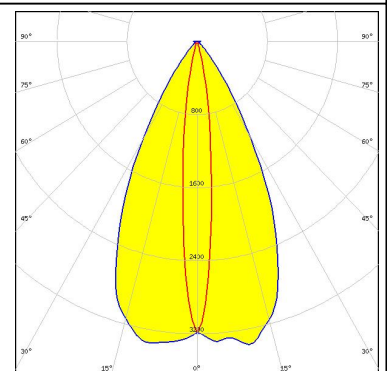
LED XT-E
 FWHM 14.0 + 55.0°
 Efficiency 91 %
 Peak intensity 2.900 cd/lm
 Required components:



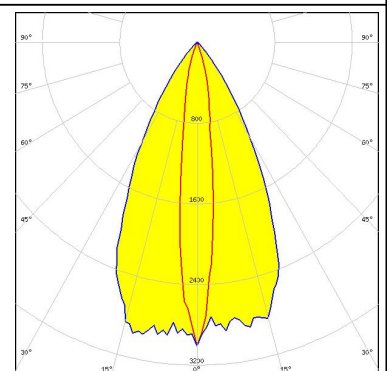
LED LUXEON 5050
 FWHM 23.0 + 51.0°
 Efficiency 89 %
 Peak intensity 1.700 cd/lm
 Required components:



LED LUXEON C
 FWHM 12.0 + 54.0°
 Efficiency 91 %
 Peak intensity 3.400 cd/lm
 Required components:



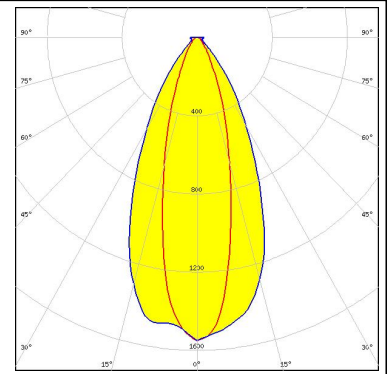
LED LUXEON TX
 FWHM 14.0 + 50.0°
 Efficiency 90 %
 Peak intensity 0.000 cd/lm
 Required components:



PHOTOMETRIC DATA (SIMULATED):

OSRAM
Opto Semiconductors

LED Duris S8
FWHM 26.0 + 49.0°
Efficiency 88 %
Peak intensity 1.590 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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