



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!



## Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

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

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



## HB-IP-2X6-G2-WWW

~90° wide beam

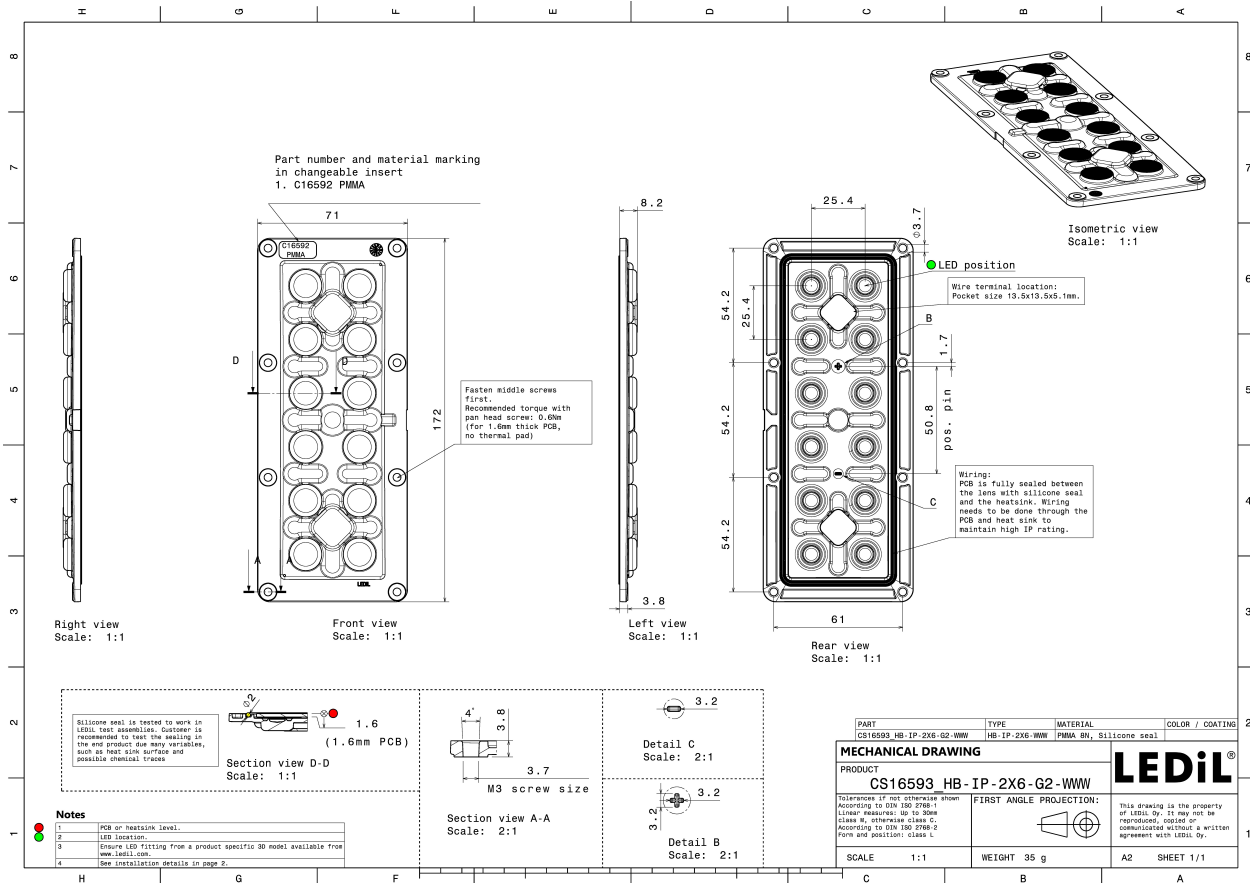
### TECHNICAL SPECIFICATIONS:

Dimensions	172.0 x 71.0 mm
Height	8.2 mm
Fastening	pin, screw
Colour	
Box size	476 x 273 x 247 mm
Box weight	5.8 kg
Quantity in Box	132 pcs
ROHS compliant	yes ⓘ



### MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour
HB-IP-2X6-G2-WWW	Lens array	PMMA	clear
SEAL-IP-2X6-G2	Seal	Silicone	



#### PHOTOMETRIC DATA (MEASURED):

#### TRIDONIC

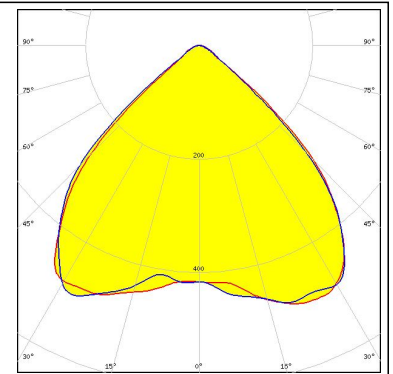
LED RLE G2 HP 2x6 3000lm

FWHM 95.0°

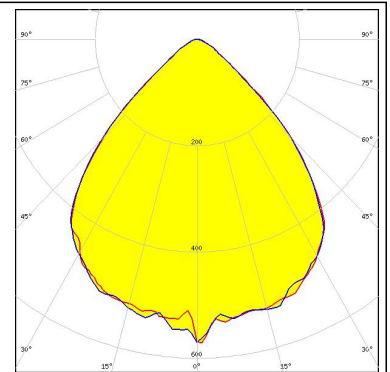
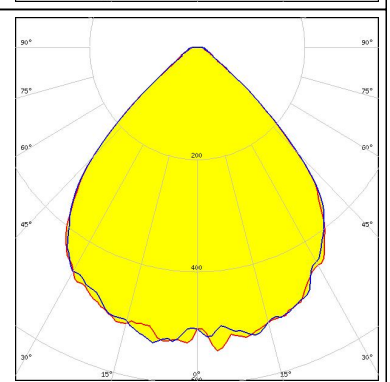
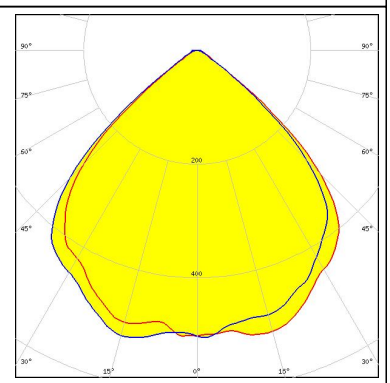
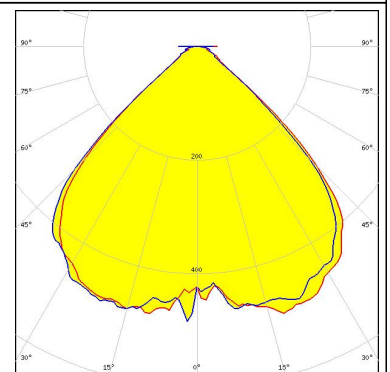
Efficiency 94 %

Peak intensity 0.500 cd/lm

Required components:



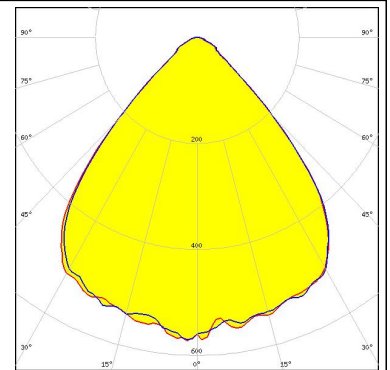
#### PHOTOMETRIC DATA (SIMULATED):

<p>bridgelux.</p> <p>LED SMD 5050</p> <p>FWHM 87.4°</p> <p>Efficiency 96 %</p> <p>Peak intensity 0.578 cd/lm</p> <p>Required components:</p>	
<p><b>CREE</b> ⇄</p> <p>LED MHB-A/B</p> <p>FWHM 89.2°</p> <p>Efficiency 96 %</p> <p>Peak intensity 0.552 cd/lm</p> <p>Required components:</p>	
<p><b>CREE</b> ⇄</p> <p>LED XP-G2</p> <p>FWHM 93.0°</p> <p>Efficiency 94 %</p> <p>Peak intensity 0.520 cd/lm</p> <p>Required components:</p>	
<p><b>CREE</b> ⇄</p> <p>LED XP-G3</p> <p>FWHM 92.8°</p> <p>Efficiency 95 %</p> <p>Peak intensity 0.504 cd/lm</p> <p>Required components:</p>	

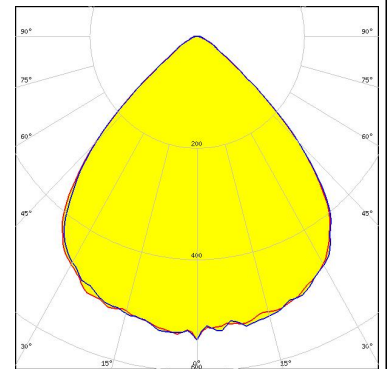
#### PHOTOMETRIC DATA (SIMULATED):



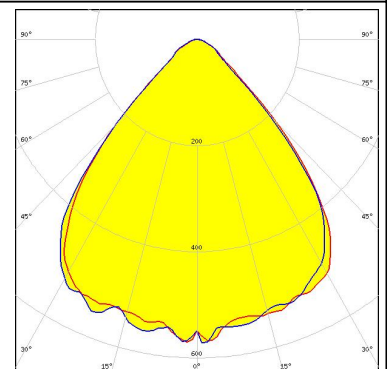
LED LUXEON 5050  
FWHM 85.2°  
Efficiency 96 %  
Peak intensity 0.587 cd/lm  
Required components:



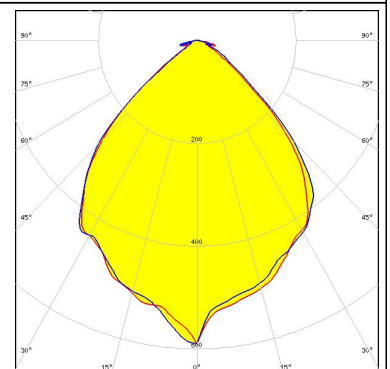
LED NFMW48xA  
FWHM 88.8°  
Efficiency 96 %  
Peak intensity 0.562 cd/lm  
Required components:



LED Duris S8  
FWHM 84.6°  
Efficiency 96 %  
Peak intensity 0.591 cd/lm  
Required components:



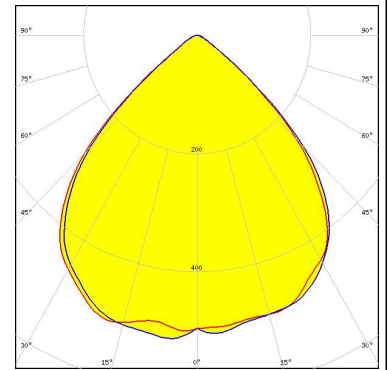
LED OSCONIQ P 3737 (2W version)  
FWHM 87.0°  
Efficiency 94 %  
Peak intensity 0.590 cd/lm  
Required components:



#### PHOTOMETRIC DATA (SIMULATED):

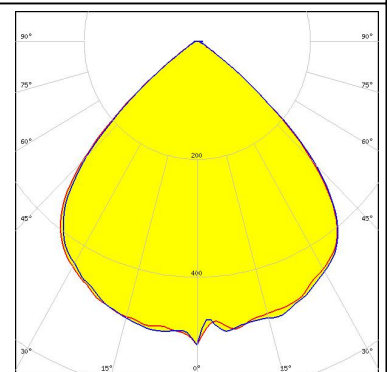
**OSRAM**  
Opto Semiconductors

LED Oslon Square Gen3  
FWHM 90.0°  
Efficiency 94 %  
Peak intensity 0.520 cd/lm  
Required components:



**SAMSUNG**

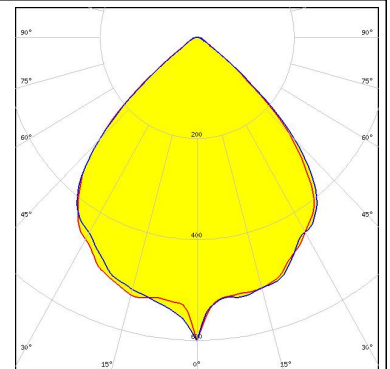
LED LH351B  
FWHM 93.0°  
Efficiency 94 %  
Peak intensity 0.500 cd/lm  
Required components:



**SEOL**

SEOUL SEMICONDUCTOR

LED Z5M1/Z5M2  
FWHM 88.0°  
Efficiency 94 %  
Peak intensity 0.600 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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#### LEDiL Oy

Joensuunkatu 13  
FI-24240 SALO  
Finland

#### LEDiL Inc.

228 West Page Street  
Suite D  
Sycamore IL 60178  
USA

#### Local sales and technical support

[www.ledil.com/  
where\\_to\\_buy](http://www.ledil.com/where_to_buy)

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