



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



## G2-LAURA-WW-P

~65° wide beam. Assembly with thinner white holder, installation tape and location pins.

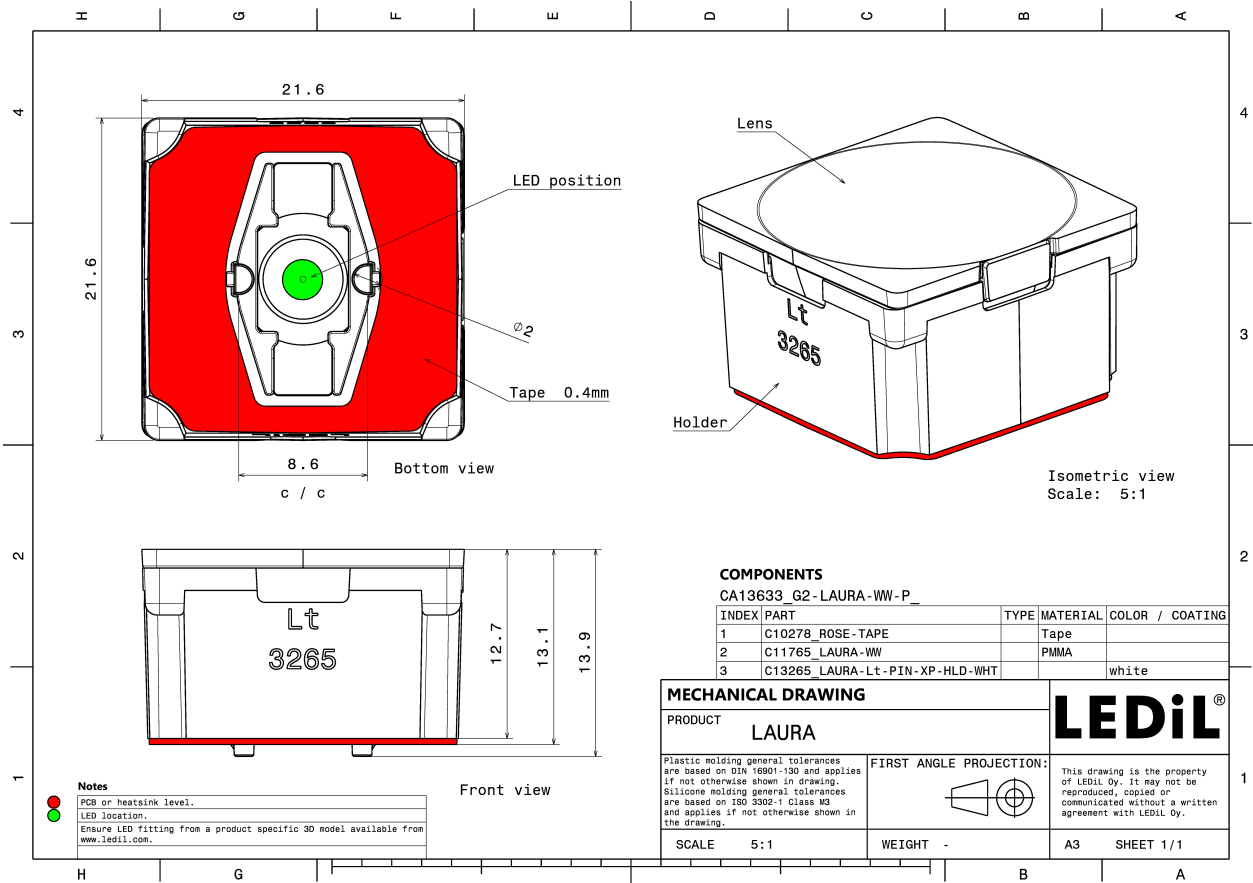
### TECHNICAL SPECIFICATIONS:

Dimensions	21.6 mm
Height	13.1 mm
Fastening	tape, pin
Colour	white
Box size	
Box weight	5.7 kg
Quantity in Box	pcs
ROHS compliant	yes ⓘ



### MATERIAL SPECIFICATIONS:

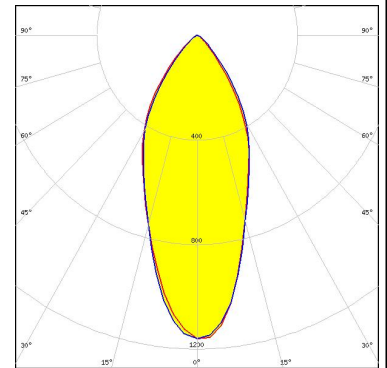
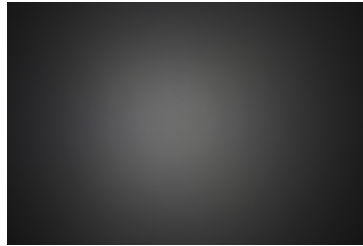
Component	Type	Material	Colour
LAURA-WW	Lens	PMMA	
LAURA-LT-PIN-XP-HLD-WHT	Holder	PC	white
ROSE-TAPE	Tape	PU tape	black



### PHOTOMETRIC DATA (MEASURED):

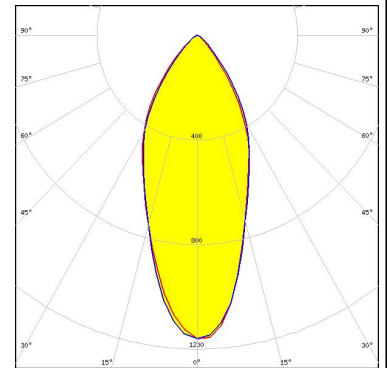
**CREE** 

LED XB-D  
FWHM 44.0°  
Efficiency 84 %  
Peak intensity 1.200 cd/lm  
Required components:



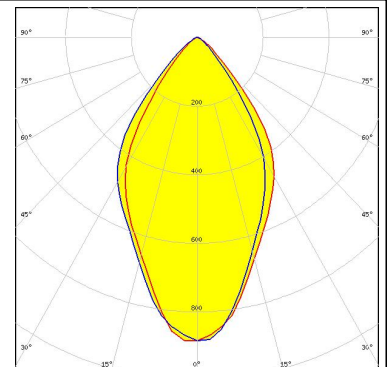
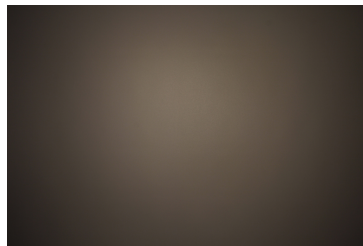
**CREE** 

LED XP-E  
FWHM 66.0°  
Efficiency 86 %  
Peak intensity 0.700 cd/lm  
Required components:



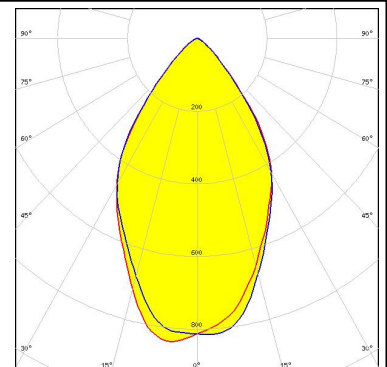
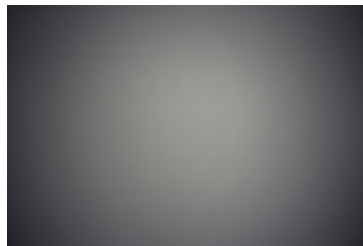
**CREE** 

LED XP-E2  
FWHM 63.0°  
Efficiency 87 %  
Peak intensity 0.880 cd/lm  
Required components:



**CREE** 

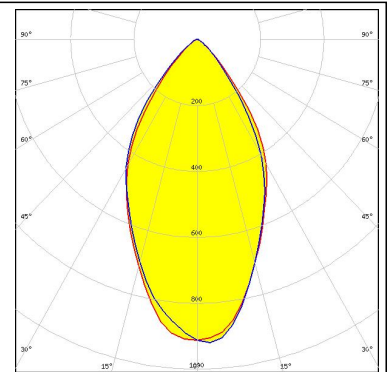
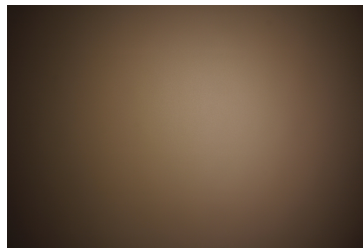
LED XP-G2  
FWHM 64.0°  
Efficiency 87 %  
Peak intensity 0.840 cd/lm  
Required components:



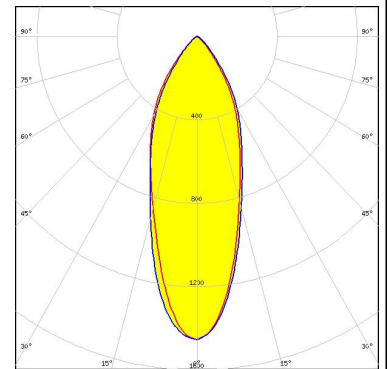
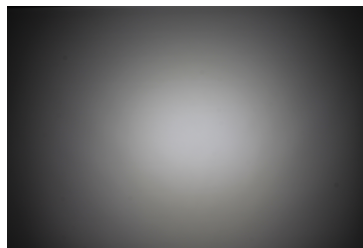
**PHOTOMETRIC DATA (MEASURED):**



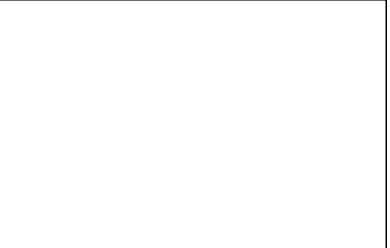
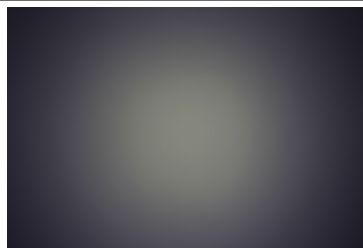
LED XT-E  
FWHM 58.0°  
Efficiency 86 %  
Peak intensity 0.920 cd/lm  
Required components:



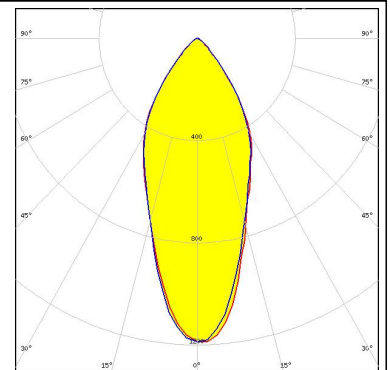
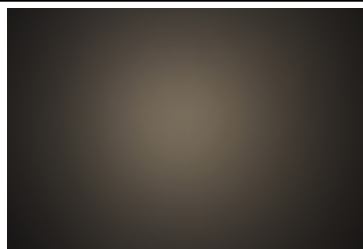
LED LUXEON 3030 2D (Round LES)  
FWHM 36.0°  
Efficiency 88 %  
Peak intensity 1.500 cd/lm  
Required components:




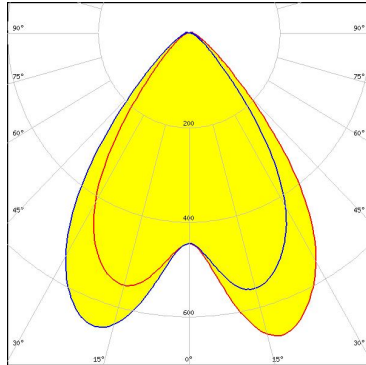
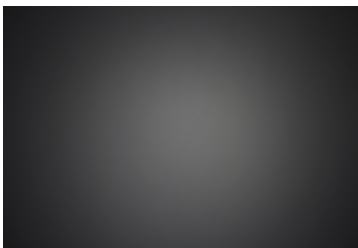
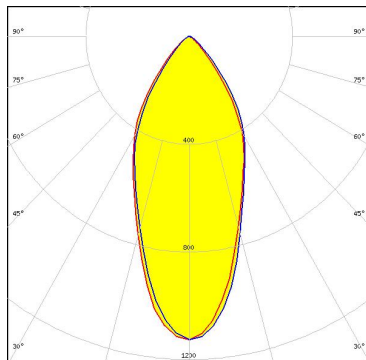

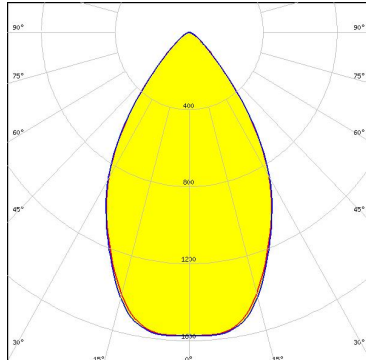
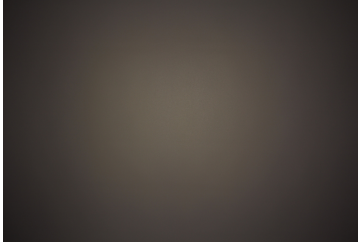
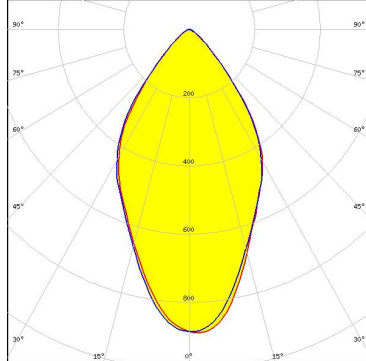
LED LUXEON TX  
FWHM 56.0°  
Efficiency 86 %  
Peak intensity 1.010 cd/lm  
Required components:



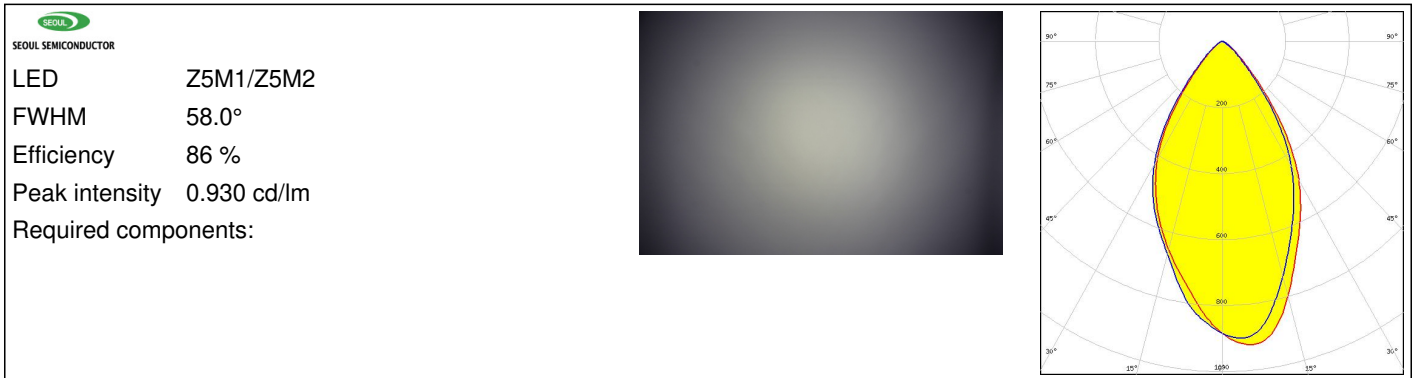
LED NCSxx19A  
FWHM 43.0°  
Efficiency 86 %  
Peak intensity 1.200 cd/lm  
Required components:



### PHOTOMETRIC DATA (MEASURED):

<p><b>NICHIA</b></p> <p>LED NVSW219D            FWHM 81.0°            Efficiency 93 %            Peak intensity 0.720 cd/lm            Required components:</p>		
<p><b>NICHIA</b></p> <p>LED NVSxx19A            FWHM 44.0°            Efficiency 85 %            Peak intensity 1.100 cd/lm            Required components:</p>		
<p><b>NICHIA</b></p> <p>LED NVSxx19B/NVSxx19C            FWHM 62.0°            Efficiency 86 %            Peak intensity 0.830 cd/lm            Required components:</p>		
<p><b>OSRAM</b>  <small>Opto Semiconductors</small></p> <p>LED Oslon Square EC            FWHM 60.0°            Efficiency 86 %            Peak intensity 0.890 cd/lm            Required components:</p>		

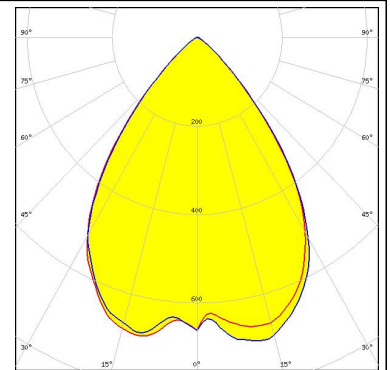
### PHOTOMETRIC DATA (MEASURED):



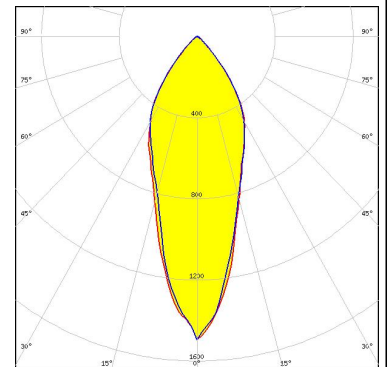
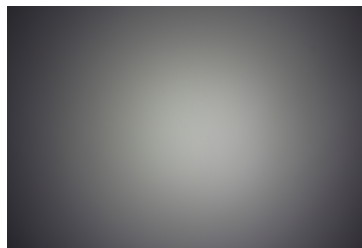
**PHOTOMETRIC DATA (SIMULATED):**



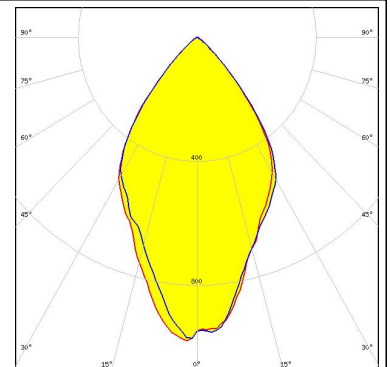
LED XHP35 HI  
FWHM 74.0°  
Efficiency 94 %  
Peak intensity 0.730 cd/lm  
Required components:



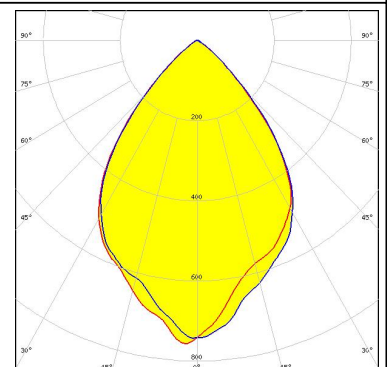
LED Oslon Square Flat  
FWHM 35.0°  
Efficiency 94 %  
Peak intensity 1.500 cd/lm  
Required components:



LED Oslon Square Gen3  
FWHM 63.0°  
Efficiency 94 %  
Peak intensity 1.000 cd/lm  
Required components:



LED Oslon SSL 150  
FWHM 74.0°  
Efficiency 94 %  
Peak intensity 0.760 cd/lm  
Required components:





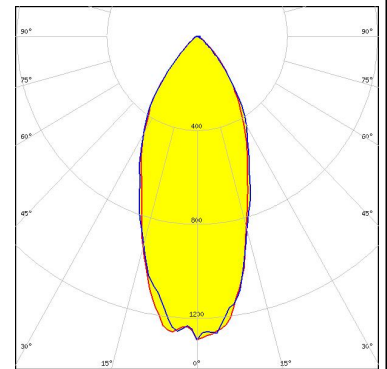
### PHOTOMETRIC DATA (SIMULATED):

**OSRAM**  
Opto Semiconductors

LED SFH 4770S  
FWHM 32.0°  
Efficiency 92 %  
Peak intensity 1.810 cd/lm  
Required components:

**SEOL**  
SEOUL SEMICONDUCTOR

LED Z8Y22P  
FWHM 42.0°  
Efficiency 97 %  
Peak intensity 1.370 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.

LEDiL Oy assumes neither warranty, nor guarantee nor any other liability of any kind for the contents and correctness of the provided data. The provided data has been generated with highest diligence but the provided data may in reality not represent the complete possible variation range of all intrinsic parameters. Therefore, in certain cases a deviation from the provided data could occur.

LEDiL Oy reserves the right to undertake technical changes of its products without further notification which could lead to changes in the provided data. LEDiL Oy assumes no liability of any kind for the possible deviation from any provided data or any other damage resulting from the usage of the provided data.

The user agrees to this disclaimer and user agreement with the download or usage of the provided files.

#### 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)

#### Shipping locations

Salo, Finland  
Hong Kong, China

#### Distribution Partners

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