



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

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G2-LAURA-W-P

~45° wide beam. Assembly with thinner white holder, installation tape and location pins.

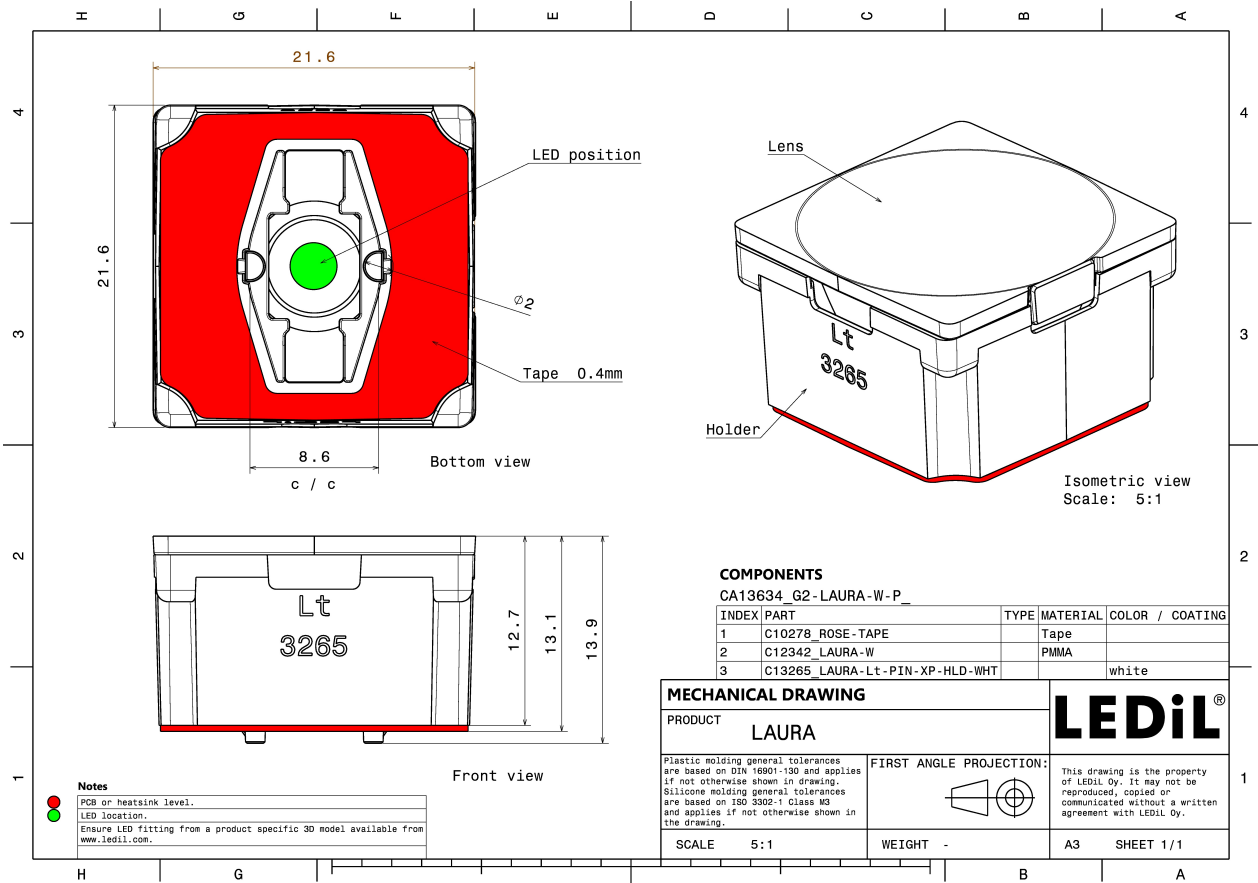
TECHNICAL SPECIFICATIONS:

Dimensions	21.6 x 21.6 mm
Height	13.1 mm
Fastening	tape, pin
Colour	white
Box size	450 x 260 x 160 mm
Box weight	6.1 kg
Quantity in Box	1440 pcs
ROHS compliant	yes ⓘ



MATERIAL SPECIFICATIONS:

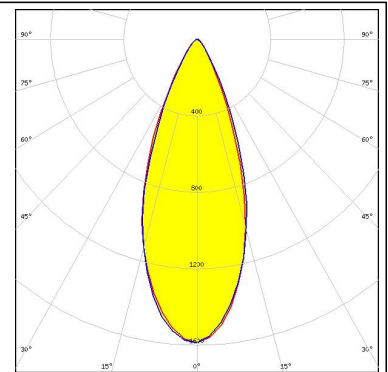
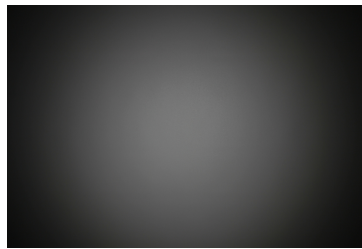
Component	Type	Material	Colour
LAURA-W	Lens	PMMA	clear
LAURA-LT-PIN-XP-HLD-WHT	Holder	PC	white
ROSE-TAPE	Tape	PU tape	black



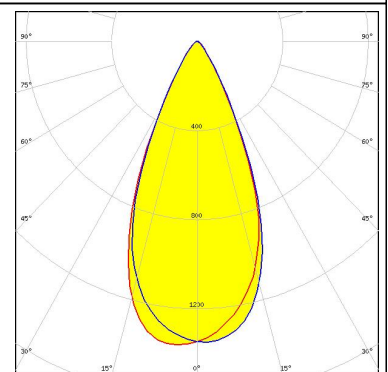
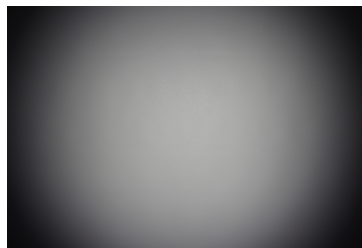
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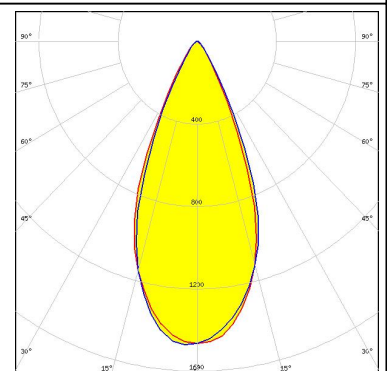
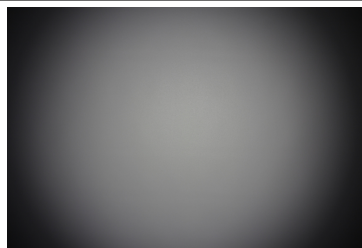
LED XB-D
FWHM 40.0°
Efficiency 84 %
Peak intensity 1.600 cd/lm
Required components:



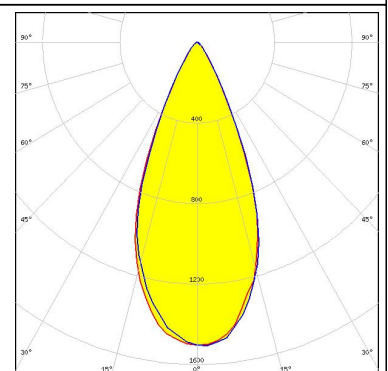
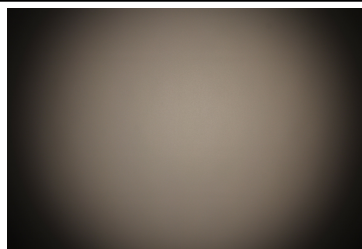
LED XB-H
FWHM 47.0°
Efficiency 86 %
Peak intensity 1.300 cd/lm
Required components:



LED XP-E
FWHM 45.0°
Efficiency 86 %
Peak intensity 1.500 cd/lm
Required components:



LED XP-E2
FWHM 45.0°
Efficiency 87 %
Peak intensity 1.500 cd/lm
Required components:



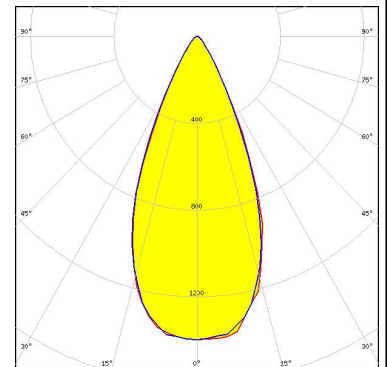
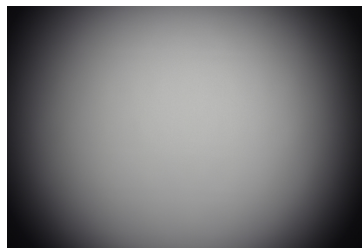
PHOTOMETRIC DATA (MEASURED):

CREE 

LED XP-G
FWHM 46.0°
Efficiency 91 %
Peak intensity 1.550 cd/lm
Required components:

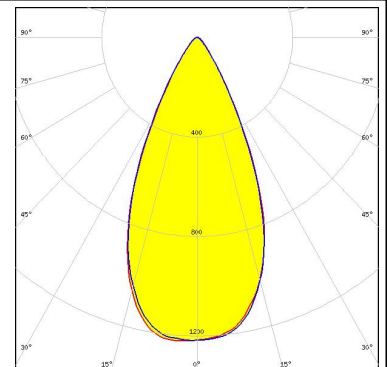
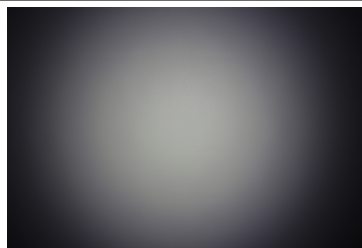
CREE 

LED XP-G2
FWHM 47.0°
Efficiency 87 %
Peak intensity 1.400 cd/lm
Required components:



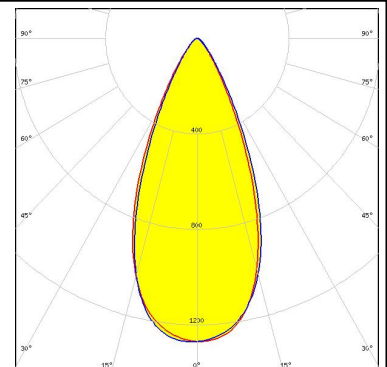
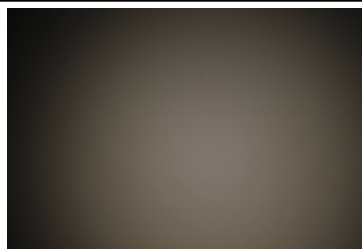
CREE 

LED XP-L
FWHM 49.0°
Efficiency 85 %
Peak intensity 1.200 cd/lm
Required components:



CREE 

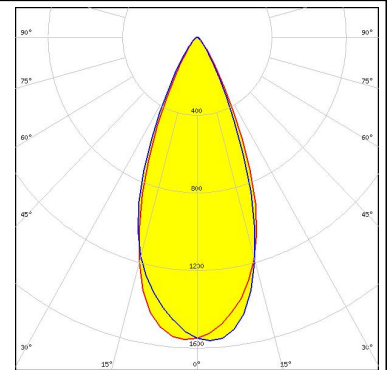
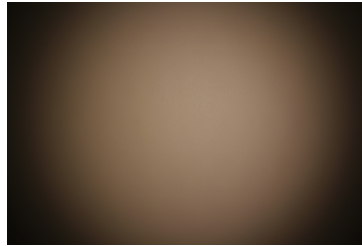
LED XP-L2
FWHM 46.0°
Efficiency 83 %
Peak intensity 1.300 cd/lm
Required components:



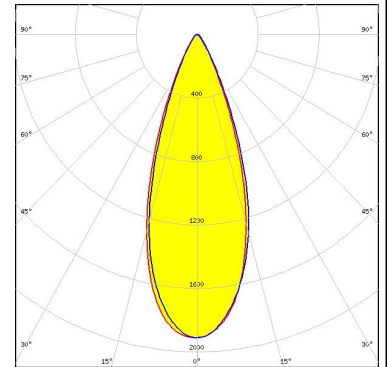
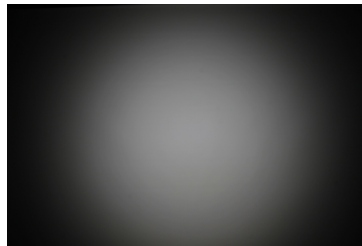
PHOTOMETRIC DATA (MEASURED):



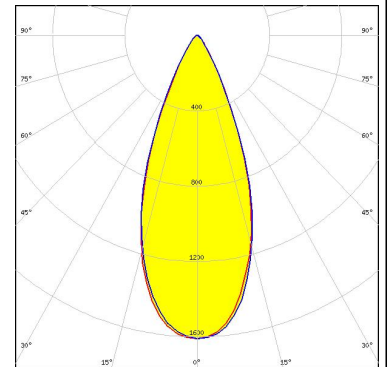
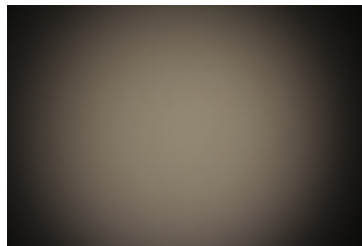
LED XT-E
FWHM 43.0°
Efficiency 87 %
Peak intensity 1.600 cd/lm
Required components:



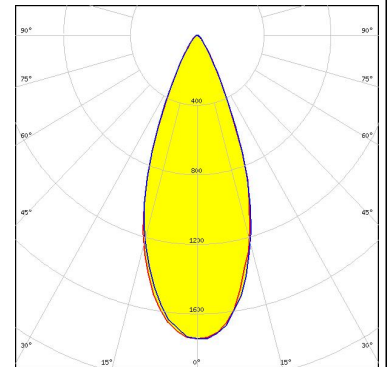
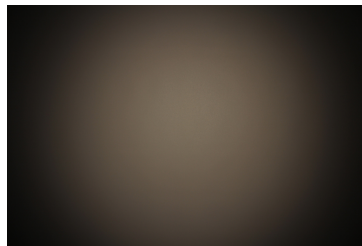
LED LUXEON 3030 2D
FWHM 37.0°
Efficiency 86 %
Peak intensity 1.900 cd/lm
Required components:



LED LUXEON TX
FWHM 42.0°
Efficiency 86 %
Peak intensity 1.600 cd/lm
Required components:



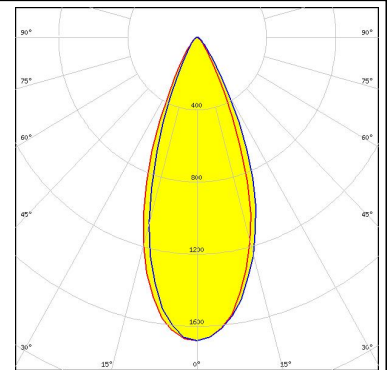
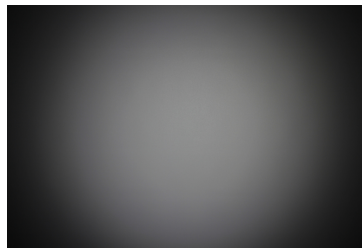
LED NCSxx19A
FWHM 41.0°
Efficiency 88 %
Peak intensity 1.700 cd/lm
Required components:



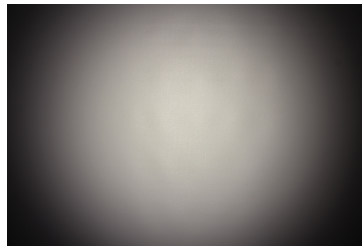
PHOTOMETRIC DATA (MEASURED):



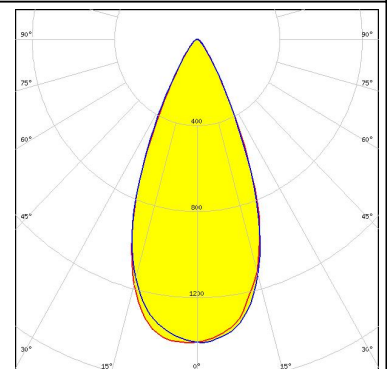
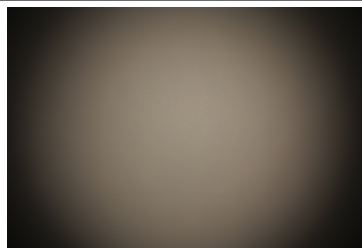
LED NVSxx19A
FWHM 41.0°
Efficiency 87 %
Peak intensity 1.700 cd/lm
Required components:



LED NVSxx19B/NVSxx19C
FWHM 41.0°
Efficiency 84 %
Peak intensity 1.700 cd/lm
Required components:



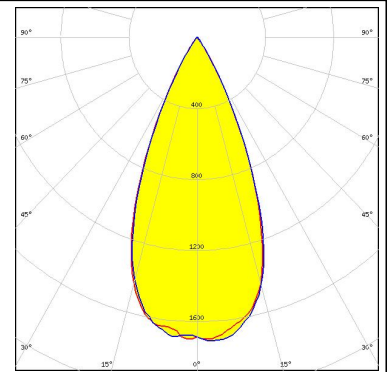
LED Oslon Square EC
FWHM 46.0°
Efficiency 87 %
Peak intensity 1.400 cd/lm
Required components:



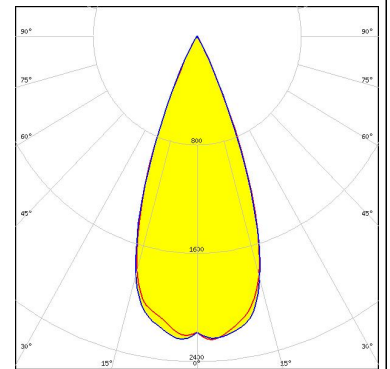
PHOTOMETRIC DATA (SIMULATED):



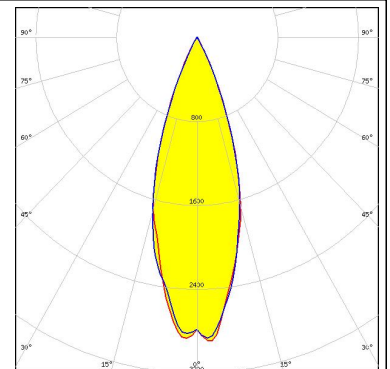
LED XHP35 HI
 FWHM 45.0°
 Efficiency 93 %
 Peak intensity 1.700 cd/lm
 Required components:



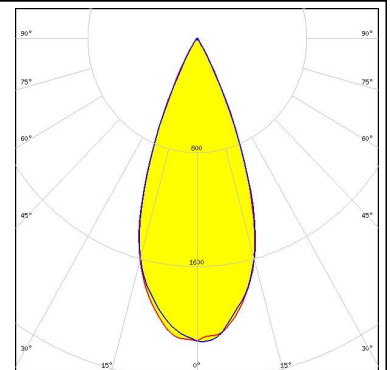
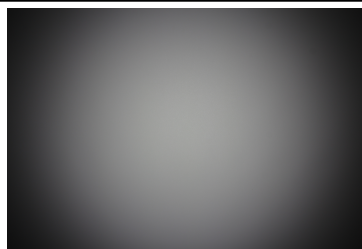
LED Oslon Black
 FWHM 41.0°
 Efficiency 95 %
 Peak intensity 2.300 cd/lm
 Required components:



LED Oslon Black Flat
 FWHM 34.0°
 Efficiency 94 %
 Peak intensity 2.900 cd/lm
 Required components:



LED Oslon Square Flat
 FWHM 41.0°
 Efficiency 94 %
 Peak intensity 2.150 cd/lm
 Required components:



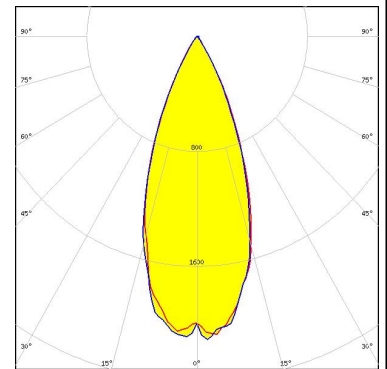
PHOTOMETRIC DATA (SIMULATED):

OSRAM
Opto Semiconductors

LED SFH 4770S
FWHM 27.0°
Efficiency 93 %
Peak intensity cd/lm
Required components:

SEOL
SEOUL SEMICONDUCTOR

LED Z8Y22P
FWHM 40.0°
Efficiency 98 %
Peak intensity 2.150 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:

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