



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

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

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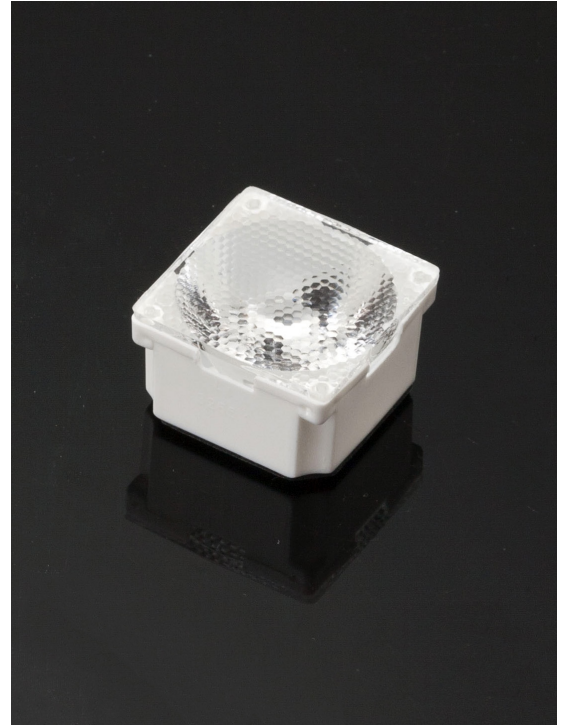


G2-LAURA-SS-P

~11° smooth spot beam. Assembly with thinner white holder, installation tape and location pins.

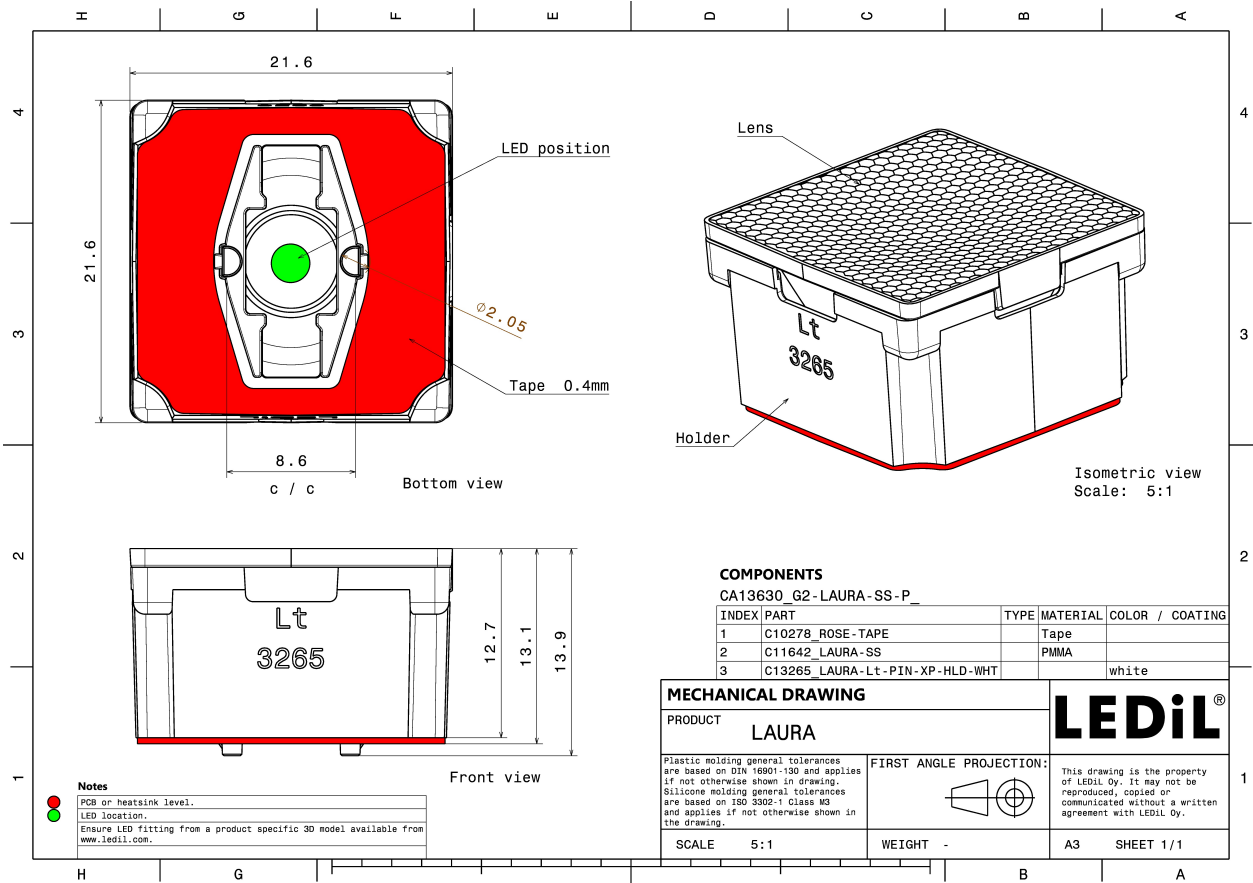
TECHNICAL SPECIFICATIONS:

Dimensions	21.6 mm
Height	13.1 mm
Fastening	tape, pin
Colour	white
Box size	
Box weight	6 kg
Quantity in Box	pcs
ROHS compliant	yes ⓘ



MATERIAL SPECIFICATIONS:

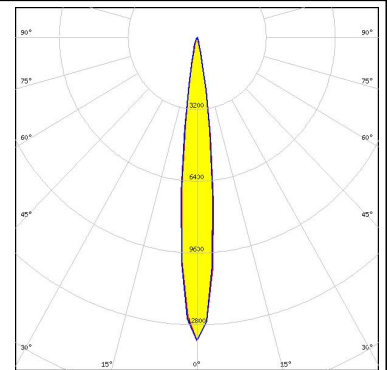
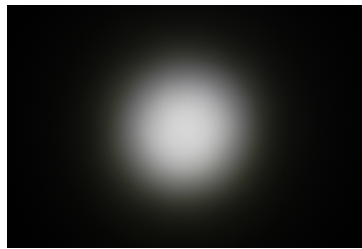
Component	Type	Material	Colour
LAURA-SS	Lens	PMMA	
LAURA-LT-PIN-XP-HLD-WHT	Holder	PC	white
ROSE-TAPE	Tape	PU tape	black



PHOTOMETRIC DATA (MEASURED):

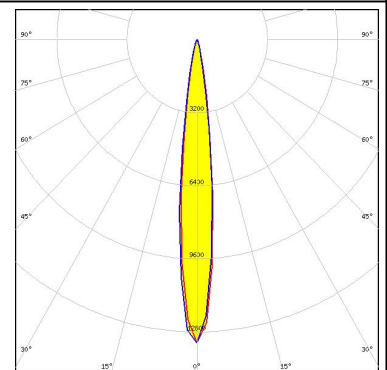
CREE 

LED XB-D
 FWHM 13.0°
 Efficiency 88 %
 Peak intensity 13.500 cd/lm
 Required components:



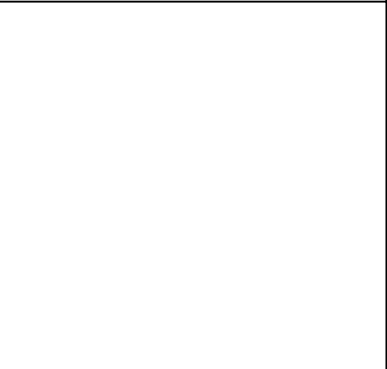
CREE 

LED XB-H
 FWHM 13.0°
 Efficiency 90 %
 Peak intensity 13.300 cd/lm
 Required components:



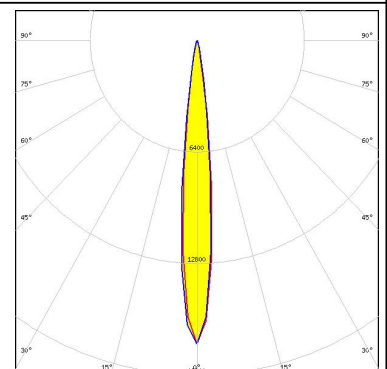
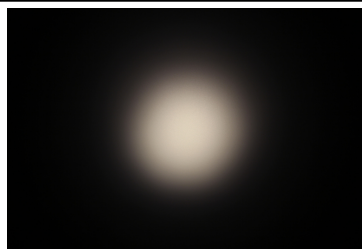
CREE 

LED XP-E
 FWHM 11.0°
 Efficiency 93 %
 Peak intensity 16.500 cd/lm
 Required components:



CREE 

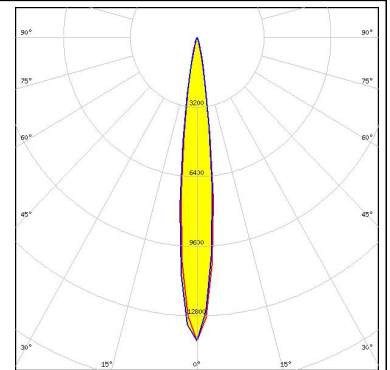
LED XP-E2
 FWHM 12.0°
 Efficiency 90 %
 Peak intensity 17.400 cd/lm
 Required components:



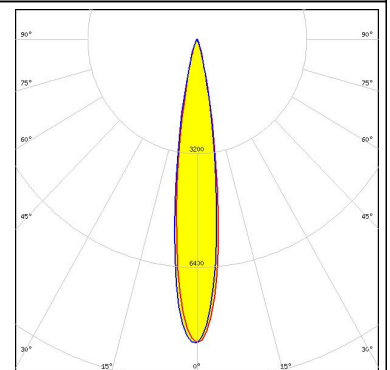
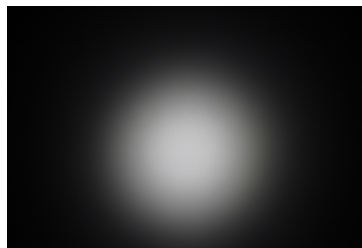
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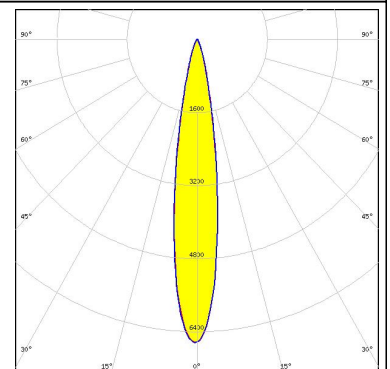
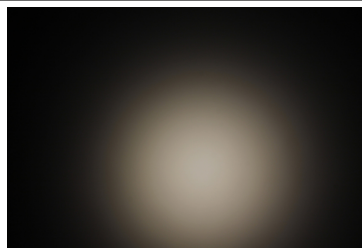
LED XP-G2
 FWHM 13.0°
 Efficiency 90 %
 Peak intensity 14.000 cd/lm
 Required components:



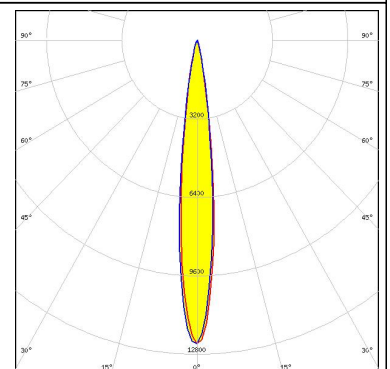
LED XP-L
 FWHM 16.0°
 Efficiency 89 %
 Peak intensity 8.500 cd/lm
 Required components:



LED XP-L2
 FWHM 17.0°
 Efficiency 88 %
 Peak intensity 6.600 cd/lm
 Required components:



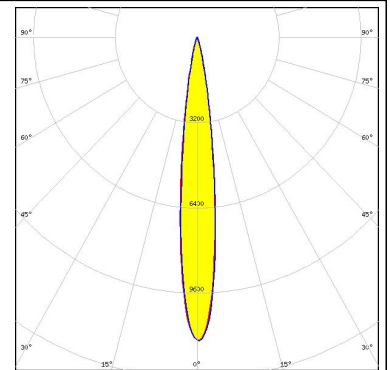
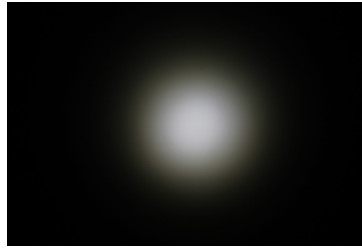
LED XT-E
 FWHM 13.0°
 Efficiency 90 %
 Peak intensity 12.400 cd/lm
 Required components:



PHOTOMETRIC DATA (MEASURED):

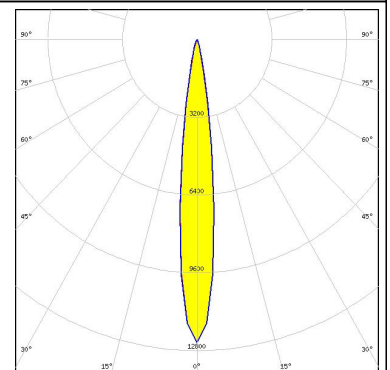
LUMILEDS

LED LUXEON 3030 2D (Round LES)
 FWHM 13.0°
 Efficiency 91 %
 Peak intensity 11.400 cd/lm
 Required components:



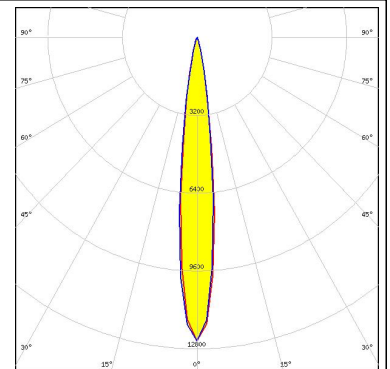
LUMILEDS

LED LUXEON TX
 FWHM 14.0°
 Efficiency 90 %
 Peak intensity 12.500 cd/lm
 Required components:



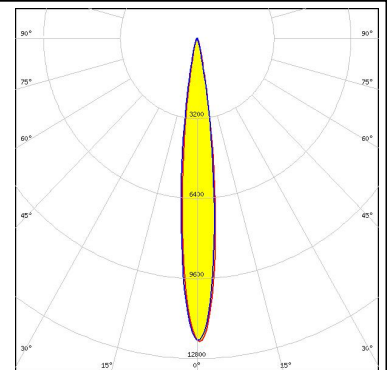
NICHIA

LED NCSxx19A
 FWHM 14.0°
 Efficiency 91 %
 Peak intensity 12.500 cd/lm
 Required components:



NICHIA

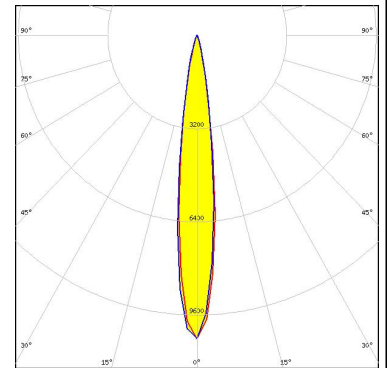
LED NVSW219D
 FWHM 13.0°
 Efficiency 94 %
 Peak intensity 12.200 cd/lm
 Required components:



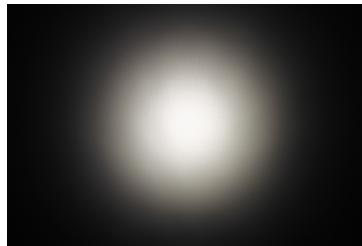
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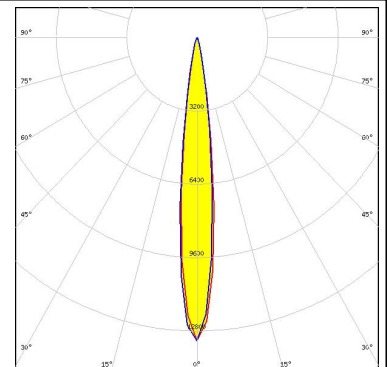
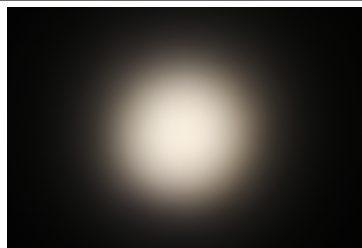
LED NVSxx19A
FWHM 15.0°
Efficiency 88 %
Peak intensity 10.400 cd/lm
Required components:



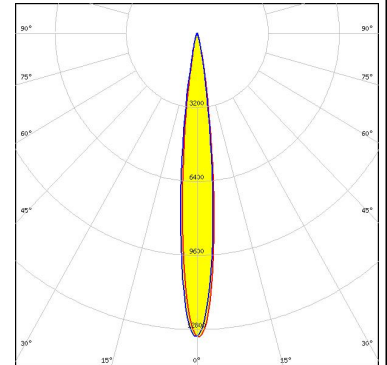
LED NVSxx19B/NVSxx19C
FWHM 14.0°
Efficiency 89 %
Peak intensity 11.400 cd/lm
Required components:



LED Oslon Square EC
FWHM 13.0°
Efficiency 90 %
Peak intensity 13.200 cd/lm
Required components:



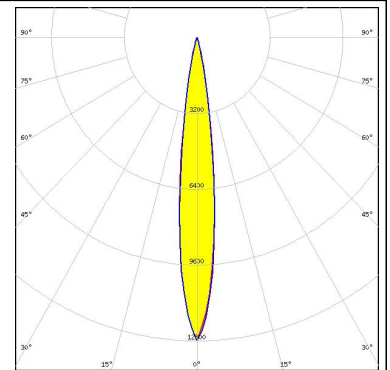
LED Z5M1/Z5M2
FWHM 12.0°
Efficiency 90 %
Peak intensity 13.140 cd/lm
Required components:



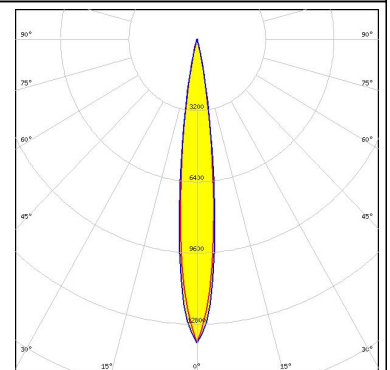
PHOTOMETRIC DATA (SIMULATED):



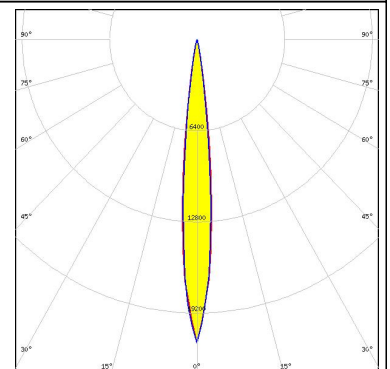
LED XHP35 HI
 FWHM 14.0°
 Efficiency 94 %
 Peak intensity 12.800 cd/lm
 Required components:



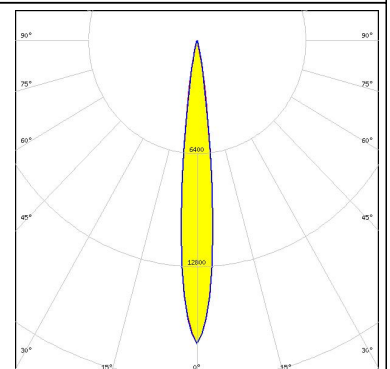
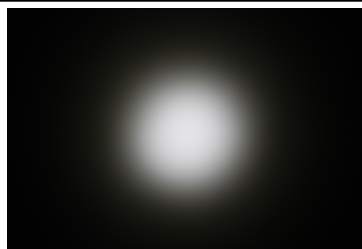
LED Oslon Black
 FWHM 13.0°
 Efficiency 96 %
 Peak intensity 13.800 cd/lm
 Required components:



LED Oslon Black Flat
 FWHM 11.0°
 Efficiency 94 %
 Peak intensity 21.300 cd/lm
 Required components:



LED Oslon Square Flat
 FWHM 12.0°
 Efficiency 94 %
 Peak intensity 17.170 cd/lm
 Required components:



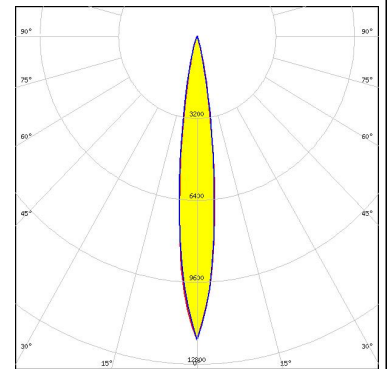
PHOTOMETRIC DATA (SIMULATED):

OSRAM
Opto Semiconductors

LED SFH 4770S
FWHM 13.0°
Efficiency 94 %
Peak intensity cd/lm
Required components:

SEOL
SEOUL SEMICONDUCTOR

LED Z8Y22P
FWHM 13.0°
Efficiency 97 %
Peak intensity 11.850 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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