



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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G2-LAURA-D-P

~13° diffused spot beam. Assembly with thinner white holder, installation tape and location pins.

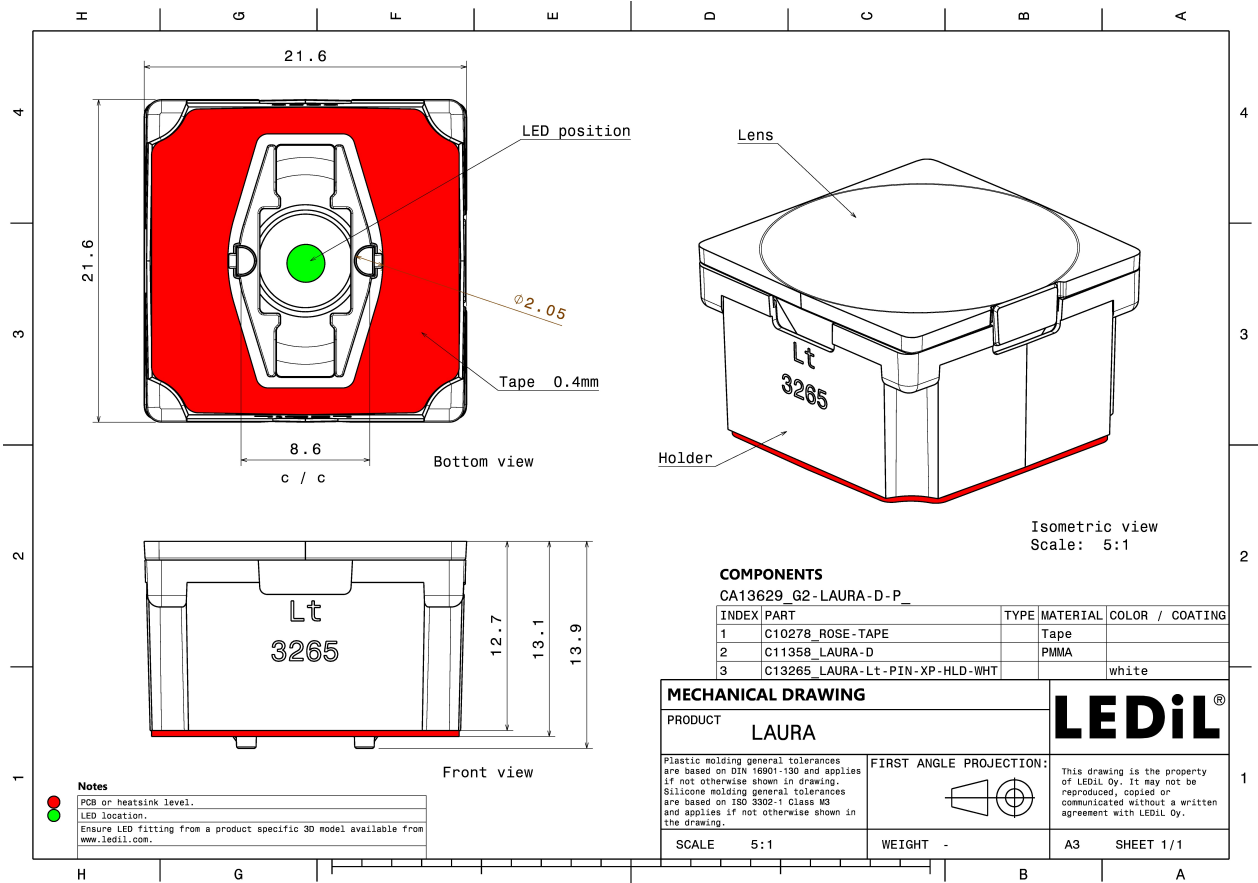
TECHNICAL SPECIFICATIONS:

Dimensions	21.6 x 21.6 mm
Height	13.1 mm
Fastening	tape, pin
Colour	white
Box size	451 x 254 x 152 mm
Box weight	5.9 kg
Quantity in Box	1440 pcs
ROHS compliant	yes ⓘ



MATERIAL SPECIFICATIONS:

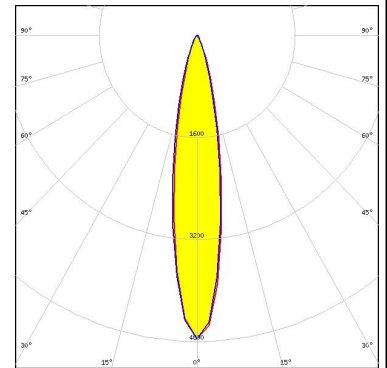
Component	Type	Material	Colour
LAURA-D	Lens	PMMA	clear
LAURA-LT-PIN-XP-HLD-WHT	Holder	PC	white
ROSE-TAPE	Tape	PU tape	black



PHOTOMETRIC DATA (MEASURED):

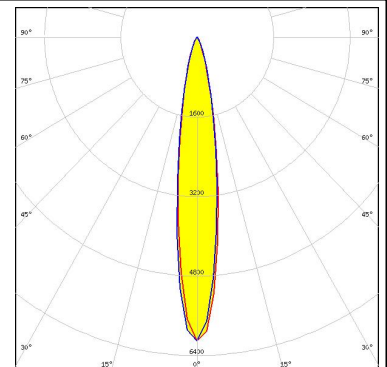
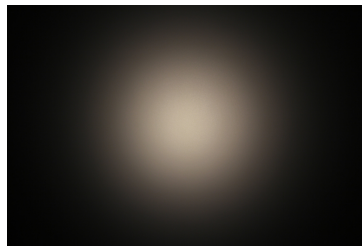
CREE 

LED XB-H
FWHM 19.0°
Efficiency 83 %
Peak intensity 4.800 cd/lm
Required components:



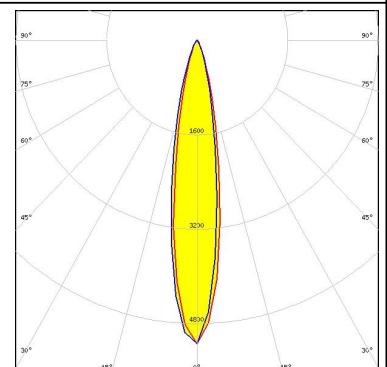
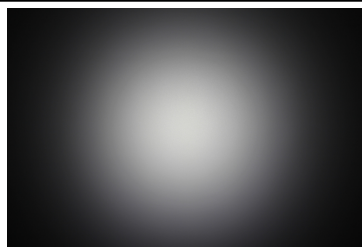
CREE 

LED XP-E
FWHM 13.0°
Efficiency 93 %
Peak intensity 9.300 cd/lm
Required components:



CREE 

LED XP-E2
FWHM 16.0°
Efficiency 83 %
Peak intensity 6.100 cd/lm
Required components:



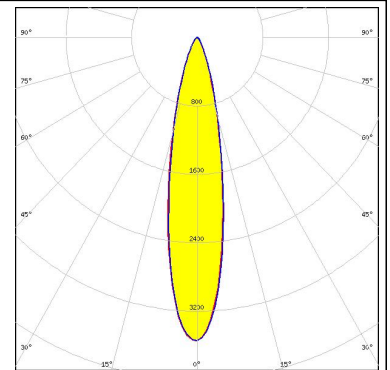
CREE 

LED XP-G2
FWHM 19.0°
Efficiency 83 %
Peak intensity 5.100 cd/lm
Required components:

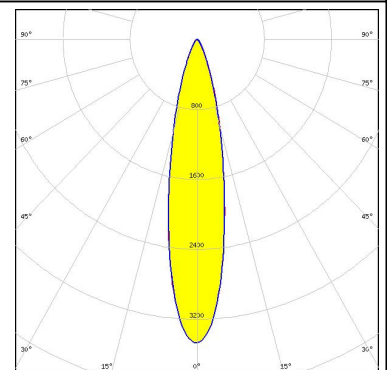
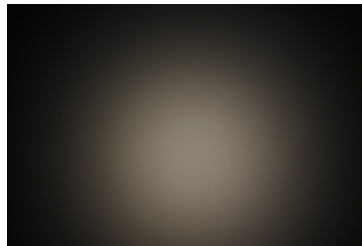
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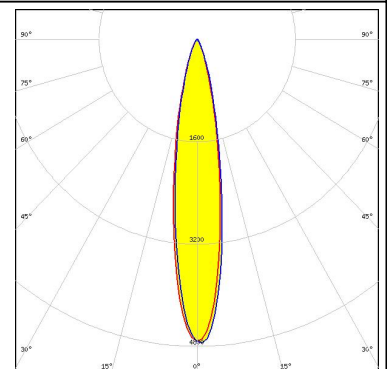
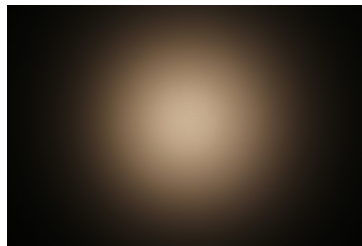
LED XP-L
FWHM 21.0°
Efficiency 81 %
Peak intensity 3.550 cd/lm
Required components:



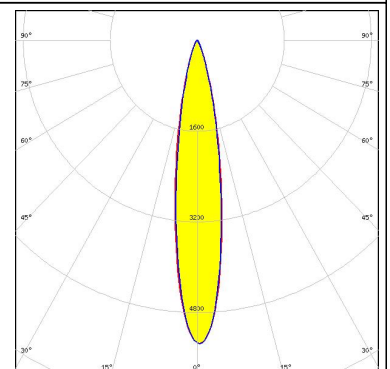
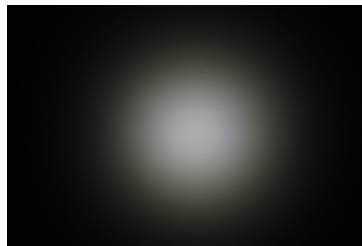
LED XP-L2
FWHM 22.0°
Efficiency 84 %
Peak intensity 3.500 cd/lm
Required components:



LED XT-E
FWHM 19.0°
Efficiency 82 %
Peak intensity 4.700 cd/lm
Required components:



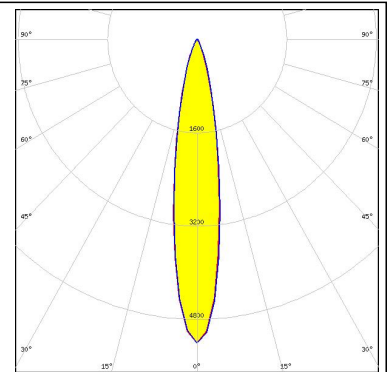
LED LUXEON 3030 2D
FWHM 18.0°
Efficiency 87 %
Peak intensity 5.400 cd/lm
Required components:



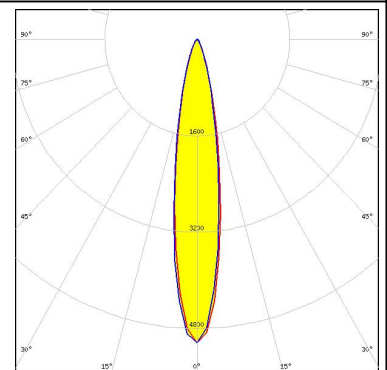
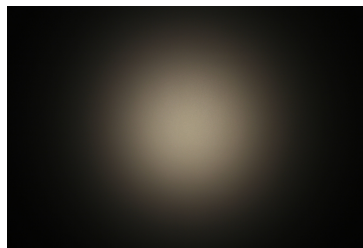
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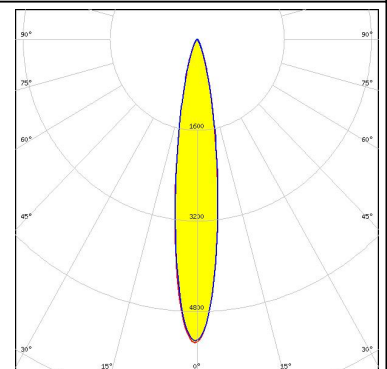
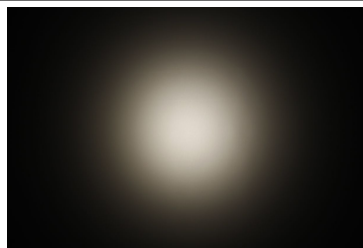
LED LUXEON TX
FWHM 18.0°
Efficiency 86 %
Peak intensity 5.210 cd/lm
Required components:



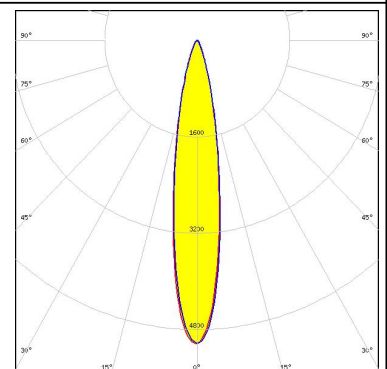
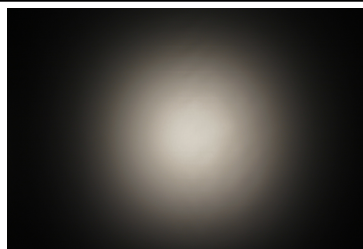
LED NCSxx19A
FWHM 19.0°
Efficiency 87 %
Peak intensity 5.000 cd/lm
Required components:



LED NCSxx19B
FWHM 17.0°
Efficiency 83 %
Peak intensity 5.400 cd/lm
Required components:



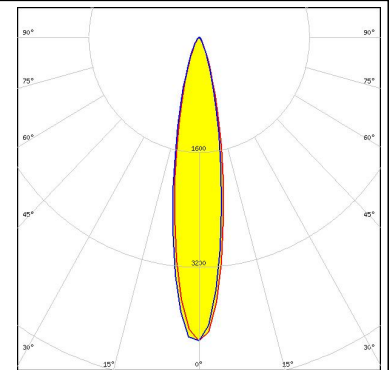
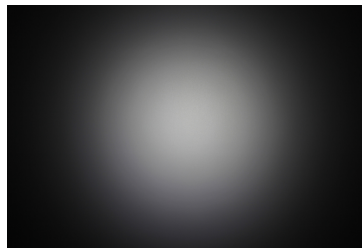
LED NVSW219D
FWHM 18.0°
Efficiency 94 %
Peak intensity 5.000 cd/lm
Required components:



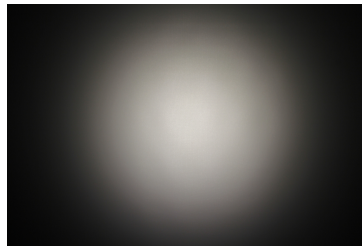
PHOTOMETRIC DATA (MEASURED):



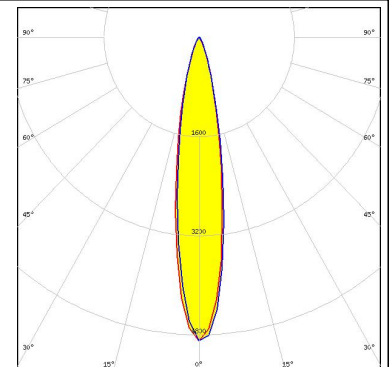
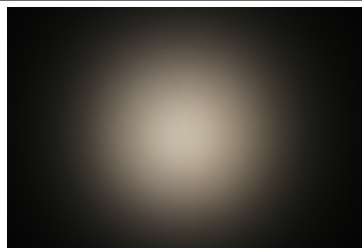
LED NVSxx19A
FWHM 20.0°
Efficiency 81 %
Peak intensity 4.200 cd/lm
Required components:



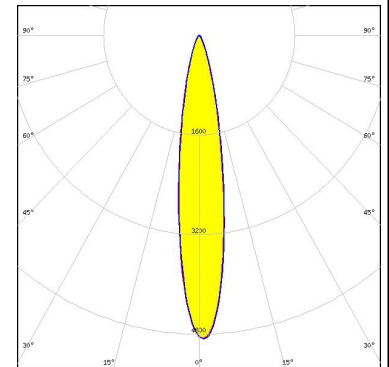
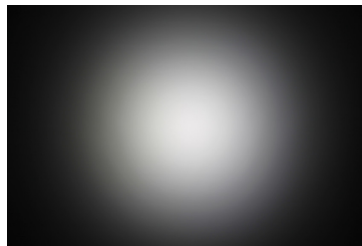
LED NVSxx19B/NVSxx19C
FWHM 19.0°
Efficiency 83 %
Peak intensity 4.900 cd/lm
Required components:



LED Oslon Square EC
FWHM 19.0°
Efficiency 82 %
Peak intensity 4.900 cd/lm
Required components:



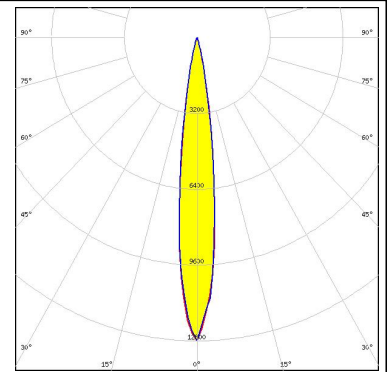
LED Z5M1/Z5M2
FWHM 18.0°
Efficiency 83 %
Peak intensity 4.920 cd/lm
Required components:



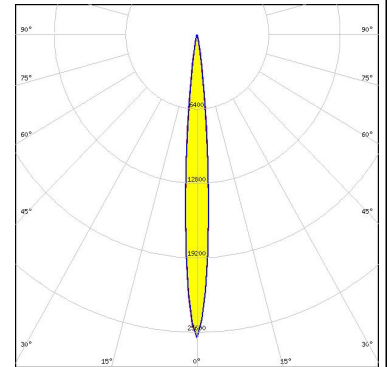
PHOTOMETRIC DATA (SIMULATED):



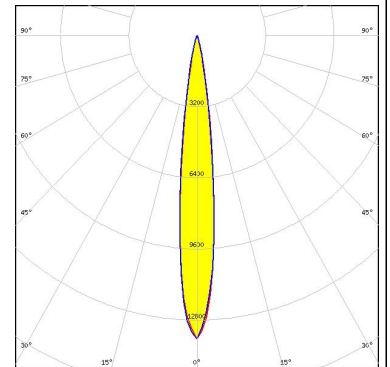
LED XHP35 HI
FWHM 14.0°
Efficiency 94 %
Peak intensity 12.800 cd/lm
Required components:



LED Oslon Square Flat
FWHM 9.0°
Efficiency 94 %
Peak intensity 26.100 cd/lm
Required components:



LED Z8Y22P
FWHM 13.0°
Efficiency 97 %
Peak intensity 13.640 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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