



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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LAURA-SS

~11° smooth spot beam optimized for CREE XP-E. Assembly with black holder and installation tape.

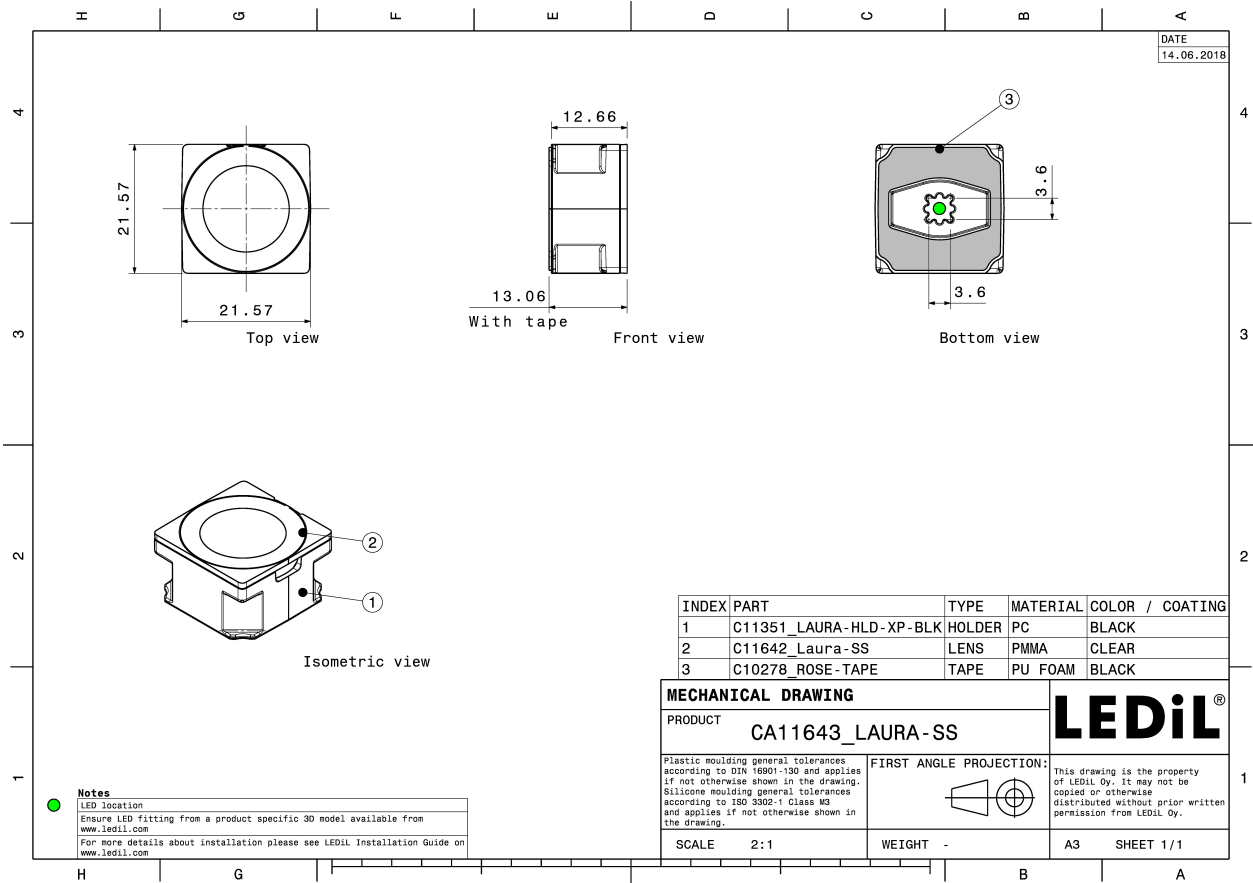
TECHNICAL SPECIFICATIONS:

Dimensions	21.6 mm
Height	13.1 mm
Fastening	tape
Colour	black
Box size	
Box weight	7.3 kg
Quantity in Box	1440 pcs
ROHS compliant	yes ⓘ



MATERIAL SPECIFICATIONS:

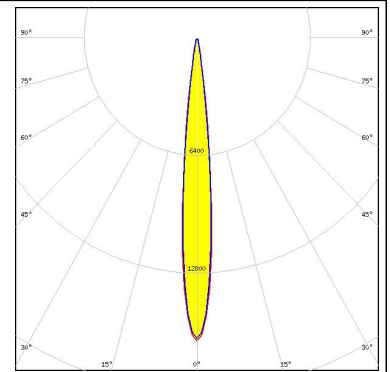
Component	Type	Material	Colour
LAURA-SS	Lens	PMMA	
LAURA-HLD-XP-BLK	Holder	PC	black
ROSE-TAPE	Tape	PU tape	black



PHOTOMETRIC DATA (MEASURED):

CREE

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

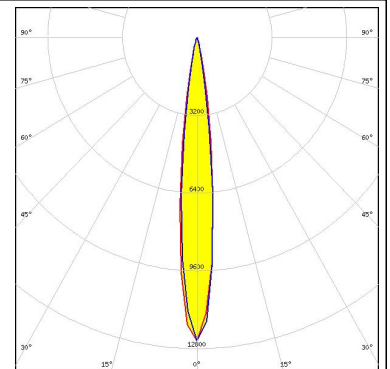


CREE

LED XP-E-HEW
 FWHM 12.0°
 Efficiency 92 %
 Peak intensity 11.700 cd/lm
 Required components:

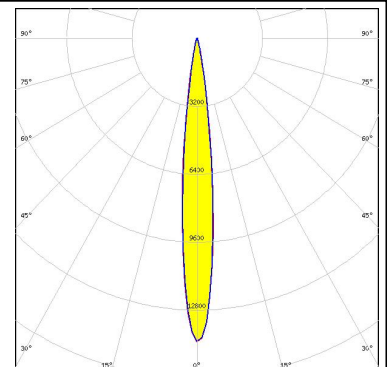
CREE

LED XP-G
 FWHM 12.0°
 Efficiency 93 %
 Peak intensity 12.500 cd/lm
 Required components:



CREE

LED XP-G2
 FWHM 12.0°
 Efficiency 92 %
 Peak intensity 14.300 cd/lm
 Required components:



PHOTOMETRIC DATA (MEASURED):

 **LG Innotek**

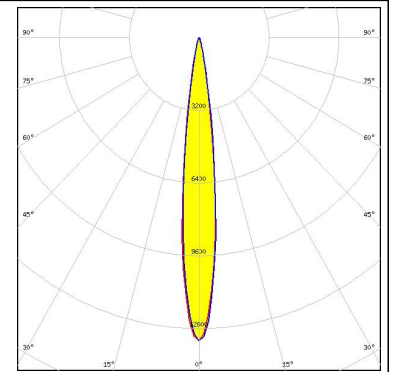
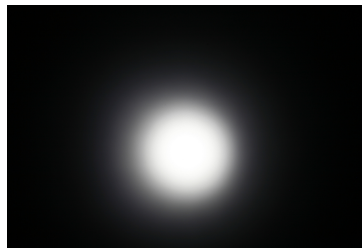
LED H35C1 (LEMWA33)

FWHM 13.0°


Efficiency 88 %

Peak intensity 13.300 cd/lm

Required components:



PHOTOMETRIC DATA (SIMULATED):

	
SEOUL SEMICONDUCTOR	
LED	Z5
FWHM	10.0°
Efficiency	%
Peak intensity	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.

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