



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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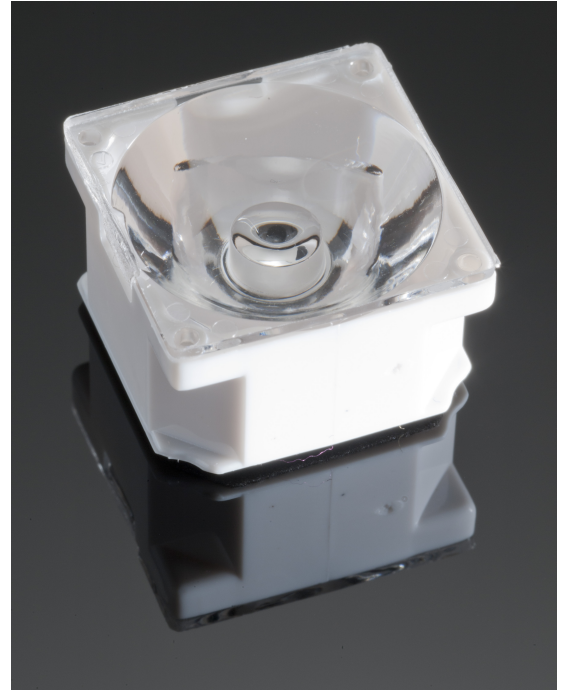


## LAURA-RS-PIN

~8° spot beam optimized for CREE XP-E.  
Assembly with white holder, installation tape  
and location pins.

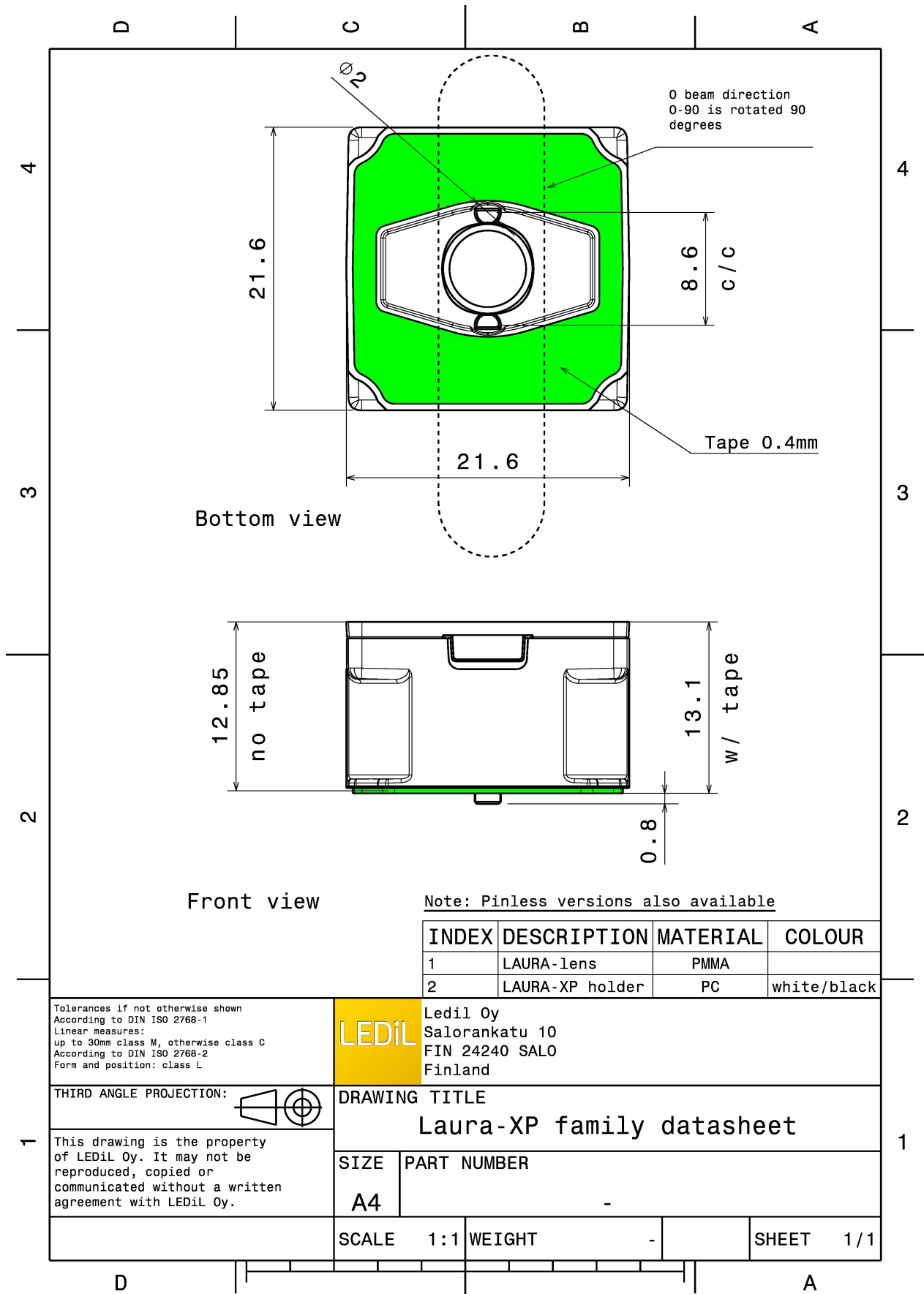
### TECHNICAL SPECIFICATIONS:

Dimensions	21.6 x 21.6 mm
Height	13.1 mm
Fastening	tape, pin
Colour	white
Box size	
Box weight	7.6 kg
Quantity in Box	1440 pcs
ROHS compliant	yes ⓘ



### MATERIAL SPECIFICATIONS:

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





### PHOTOMETRIC DATA (MEASURED):

#### CREE

LED XP-E  
FWHM 8.0°  
Efficiency 93 %  
Peak intensity 33.200 cd/lm  
Required components:

#### CREE

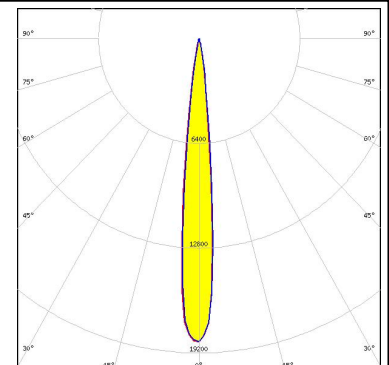
LED XP-G  
FWHM 11.0°  
Efficiency 93 %  
Peak intensity cd/lm  
Required components:

#### LUMILEDS

LED LUXEON Rebel  
FWHM 7.0°  
Efficiency 93 %  
Peak intensity 34.000 cd/lm  
Required components:

#### LUMILEDS

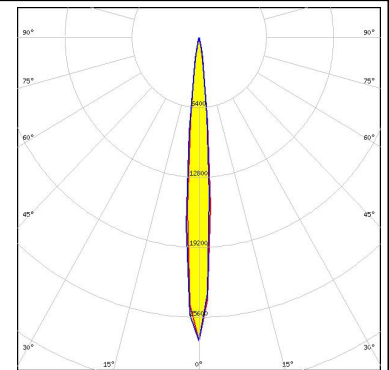
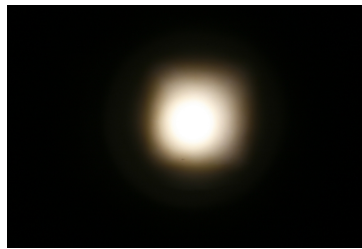
LED LUXEON T  
FWHM 11.0°  
Efficiency 92 %  
Peak intensity 18.500 cd/lm  
Required components:



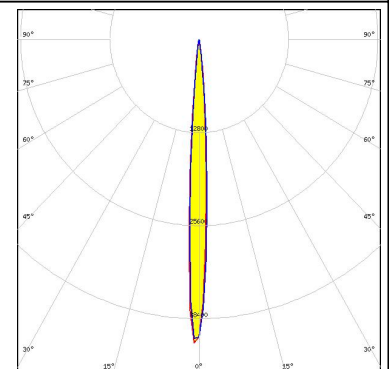
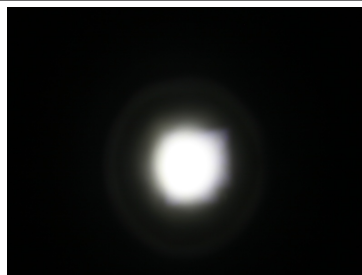
**PHOTOMETRIC DATA (MEASURED):**



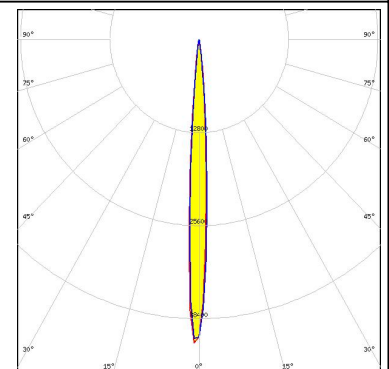
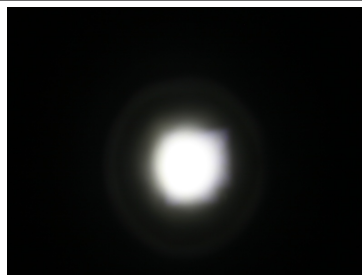
LED NCSxx19B  
FWHM 10.0°  
Efficiency 91 %  
Peak intensity 27.800 cd/lm  
Required components:



LED Oslon Square EC  
FWHM 9.0°  
Efficiency 93 %  
Peak intensity 20.000 cd/lm  
Required components:




LED Oslon SSL 150  
FWHM 7.0°  
Efficiency 92 %  
Peak intensity 42.000 cd/lm  
Required components:



LED SFH 4725S  
FWHM 10.0°  
Efficiency %  
Peak intensity cd/lm  
Required components:

## PHOTOMETRIC DATA (MEASURED):

	
SEOUL SEMICONDUCTOR	
LED	Z5
FWHM	7.0°
Efficiency	%
Peak intensity	cd/lm
Required components:	

## PHOTOMETRIC DATA (SIMULATED):

### LUMILEDS

LED LUXEON H50-2  
FWHM 12.0°  
Efficiency 92 %  
Peak intensity 16.300 cd/lm  
Required components:

### LUMILEDS

LED LUXEON IR Domed 150  
FWHM 9.0°  
Efficiency 0 %  
Peak intensity 0.000 cd/lm  
Required components:

### LUMILEDS

LED LUXEON IR Domed 60  
FWHM 9.2°  
Efficiency 94 %  
Peak intensity 0.000 cd/lm  
Required components:

### LUMILEDS

LED LUXEON IR Domed 90  
FWHM 9.0°  
Efficiency 94 %  
Peak intensity 0.000 cd/lm  
Required components:

#### PHOTOMETRIC DATA (SIMULATED):

<p><b>NICHIA</b></p> <p>LED: NVSxE21A            FWHM: 10.0°            Efficiency: 94 %            Peak intensity: 21.350 cd/lm            Required components:</p>	
<p><b>OSRAM</b>  <small>Opto Semiconductors</small></p> <p>LED: OSCONIQ P 3737 (3W version)            FWHM: 14.0°            Efficiency: 94 %            Peak intensity: 11.620 cd/lm            Required components:</p>	
<p><b>OSRAM</b>  <small>Opto Semiconductors</small></p> <p>LED: SFH 4715AS            FWHM: 10.0°            Efficiency: 94 %            Peak intensity: 23.800 cd/lm            Required components:</p>	
<p><b>OSRAM</b>  <small>Opto Semiconductors</small></p> <p>LED: SFH 4715S            FWHM: 9.5°            Efficiency: %            Peak intensity: cd/lm            Required components:</p>	



## PHOTOMETRIC DATA (SIMULATED):

**OSRAM**  
Opto Semiconductors

LED SFH 4770S

FWHM 10.0°

Efficiency 94 %

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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