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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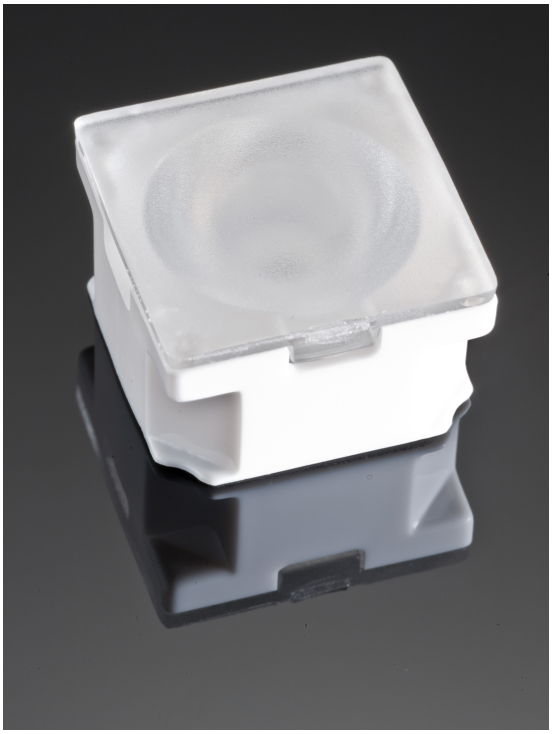
Email & Skype: info@chipsmall.com Web: www.chipsmall.com
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China

LAURA-W-PIN

~40° wide beam optimized for CREE XP-E. Assembly with white holder, installation tape and location pins.

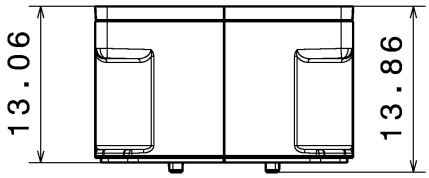


TECHNICAL SPECIFICATIONS:

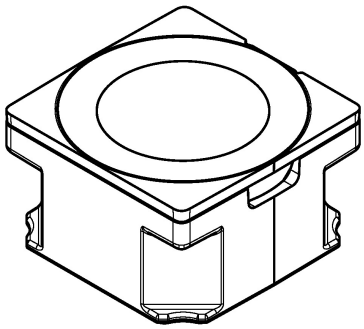
Dimensions	21.6 x 21.6 mm
Height	13.1 mm
Fastening	tape, pin
Colour	white
Box size	
Box weight	7.8 kg
Quantity in Box	1440 pcs
ROHS compliant	yes

MATERIAL SPECIFICATIONS:

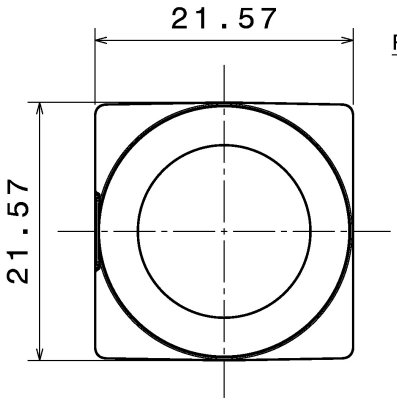
Component	Type	Material	Colour
LAURA-W	Lens	PMMA	clear
LAURA-PIN-XP-HLD-WHT	Holder	PC	white
ROSE-TAPE	Tape	PU tape	black



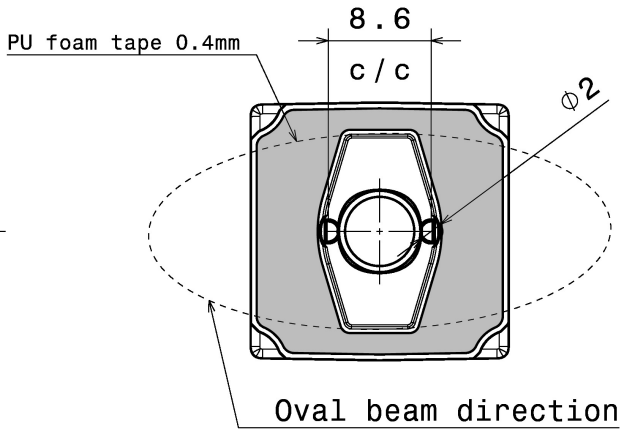
Front view



Isometric view
Scale: 2:1



Top view



Bottom view

INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	-	Laura-mech	PMMA	
3	C11835	LAURA-PIN-XP-HLD-WHT	PC	white

Tolerances if not otherwise shown
According to DIN ISO 2768-1
Linear measures:
Up to 30mm class M, otherwise class C.
According to DIN ISO 2768-2
Form and position: class L

Ledil Oy
Salorankatu 10
FIN 24240 SALO
Finland

THIRD ANGLE PROJECTION:

DRAWING TITLE
LAURA-XP-PIN-WHT assembly

SIZE A4 | PART NUMBER -

SCALE 2:1 | WEIGHT 9 g | SHEET 1/1

PHOTOMETRIC DATA (MEASURED):

CREE

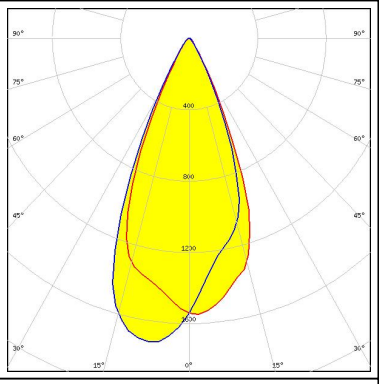
LED	XB-D
FWHM	42.0°
Efficiency	86 %
Peak intensity	1.520 cd/lm

Required components:

CREE

LED	XP-E
FWHM	47.0°
Efficiency	92 %
Peak intensity	1.700 cd/lm

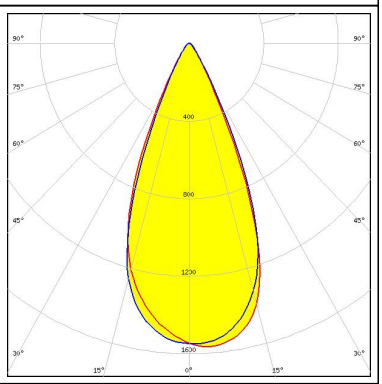
Required components:



CREE

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

Required components:



LUMILEDS

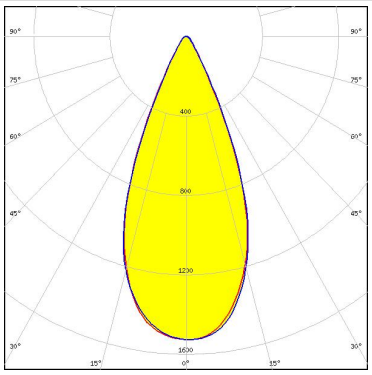
LED	LUXEON Rebel
FWHM	44.0°
Efficiency	88 %
Peak intensity	1.800 cd/lm

Required components:

PHOTOMETRIC DATA (MEASURED):

LUMILEDS

LED	LUXEON T
FWHM	46.0°
Efficiency	88 %
Peak intensity	1.400 cd/lm
Required components:	

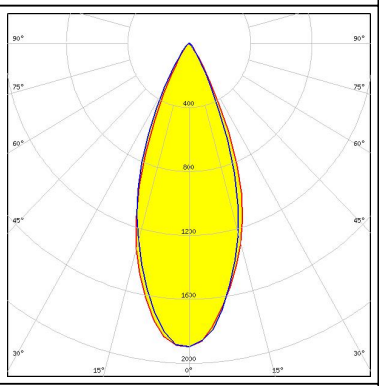


LUMILEDS

LED	LUXEON Z ES
FWHM	38.0°
Efficiency	92 %
Peak intensity	2.200 cd/lm
Required components:	

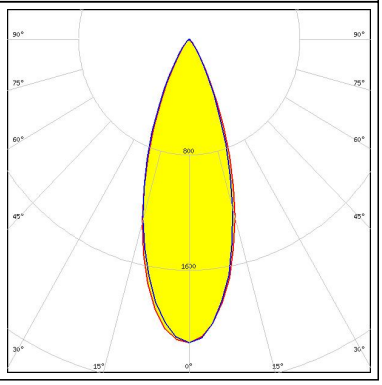
NICHIA

LED	NCSxx19B
FWHM	41.0°
Efficiency	90 %
Peak intensity	1.900 cd/lm
Required components:	



NICHIA

LED	NF2x757D
FWHM	36.0°
Efficiency	87 %
Peak intensity	2.100 cd/lm
Required components:	



PHOTOMETRIC DATA (MEASURED):

OSRAM Opto Semiconductors

LED	Oslon Square EC
FWHM	44.0°
Efficiency	89 %
Peak intensity	cd/lm
Required components:	

OSRAM Opto Semiconductors

LED	Oslon SSL 150
FWHM	34.0°
Efficiency	85 %
Peak intensity	cd/lm
Required components:	

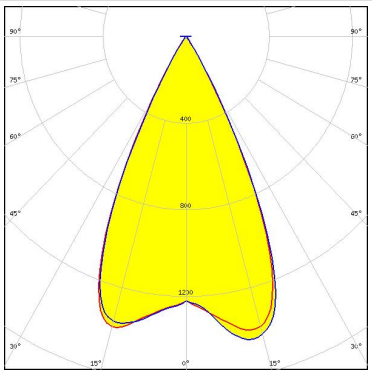
OSRAM Opto Semiconductors

LED	Oslon SSL 80
FWHM	43.0°
Efficiency	88 %
Peak intensity	cd/lm
Required components:	

PHOTOMETRIC DATA (SIMULATED):

CREE

LED	XP-G3
FWHM	48.0°
Efficiency	93 %
Peak intensity	1.400 cd/lm
Required components:	



LUMILEDS

LED	LUXEON H50-2
FWHM	51.0°
Efficiency	92 %
Peak intensity	1.400 cd/lm
Required components:	

SEOUL SEMICONDUCTOR

LED	Z5
FWHM	46.0°
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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