# imall

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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### STRADA-2X2-VSM

IESNA Type V (square) beam for wide areas lighting such as car parks

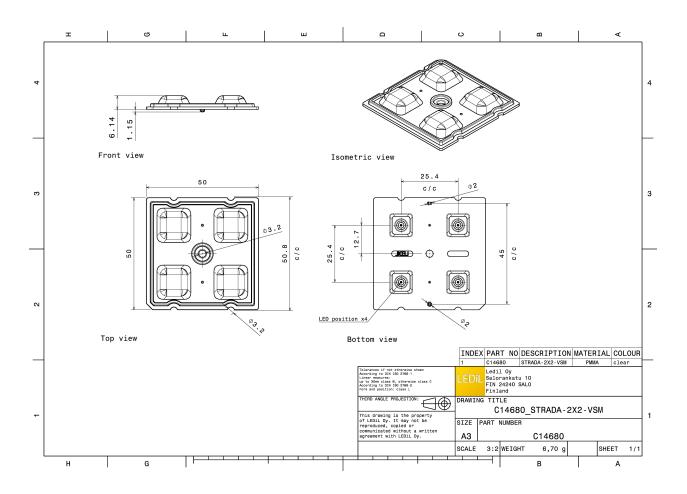
#### **TECHNICAL SPECIFICATIONS:**

Dimensions	50.0 mm
Height	6.1 mm
Fastening	screw, glue, pin
Colour	clear
Box size	480 x 280 x 300 mm
Box weight	6.2 kg
Quantity in Box	800 pcs
ROHS compliant	yes 🕕



#### MATERIAL SPECIFICATIONS:

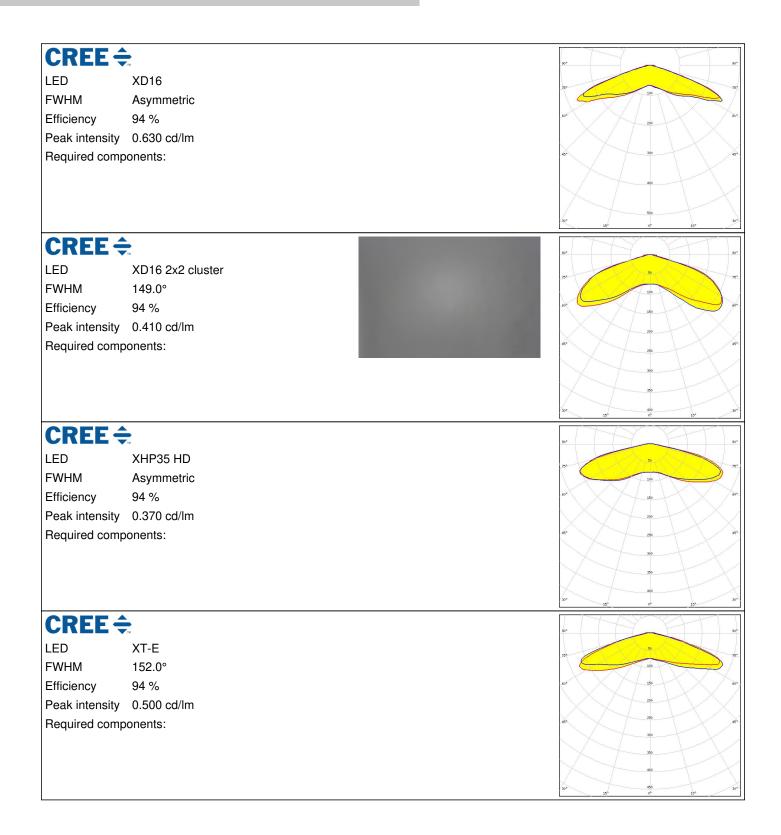
Component STRADA-2X2-VSM **Type** Lens **Material** PMMA Colour clear



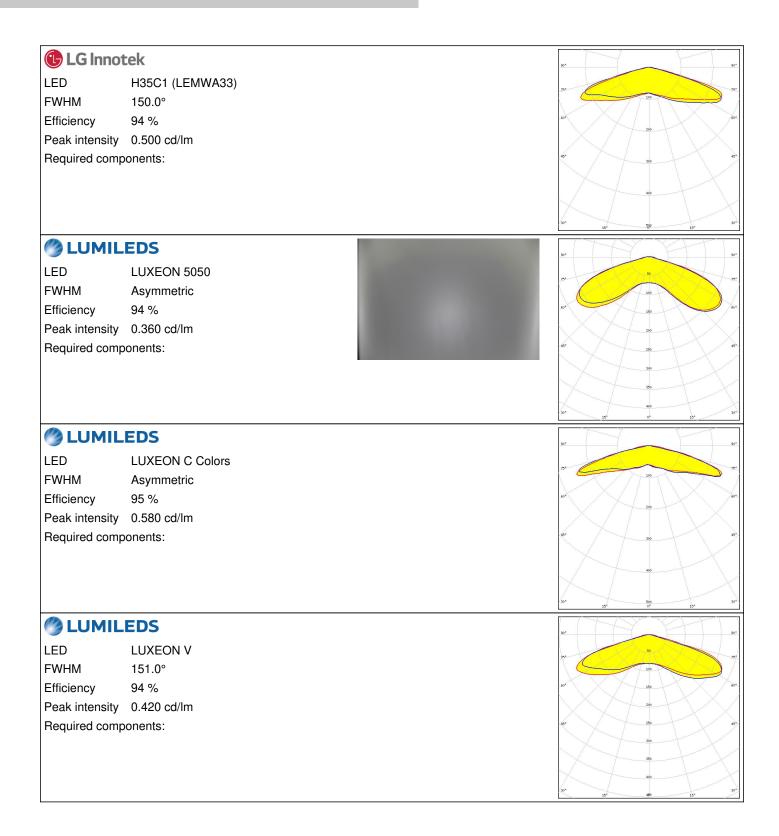


bridgelux.		90*
LED	SMD 5050	20 75
FWHM	149.0°	200
Efficiency	94 %	50° (5°
Peak intensity	0.340 cd/lm	
Required comp	onents:	45°.
		200
		30* 15 <sup>4</sup> 8 <sup>5</sup> 0 15* 30*
		90° 50°
LED	QUICK FLUX XTP 2x4 xxx LS G5	
FWHM	Asymmetric	
Efficiency	94 %	50 <sup>4</sup> 200 60 <sup>4</sup> .
Peak intensity	0.480 cd/lm	
Required comp	onents:	45° 360 65°.
		400
		$\times/\top \times$
		30° 55° 0° 15° 30°
		90° 90°
LED	QUICK FLUX XTP 2x6 xxx LS G5	
FWHM	Asymmetric	75 70 700
Efficiency	94 %	60* 60*
Peak intensity	0.480 cd/lm	
Required comp	onents:	6° 30 6°
		30° 500 30°
COMET		
	QUICK FLUX XTP 2x8 xxx LS G5	30,
FWHM	Asymmetric	751 751
Efficiency	94 %	604
Peak intensity		
Required comp		45*
		X   X
		400
		200
1		15 <sup>2</sup> 0 <sup>2</sup> 15 <sup>2</sup>





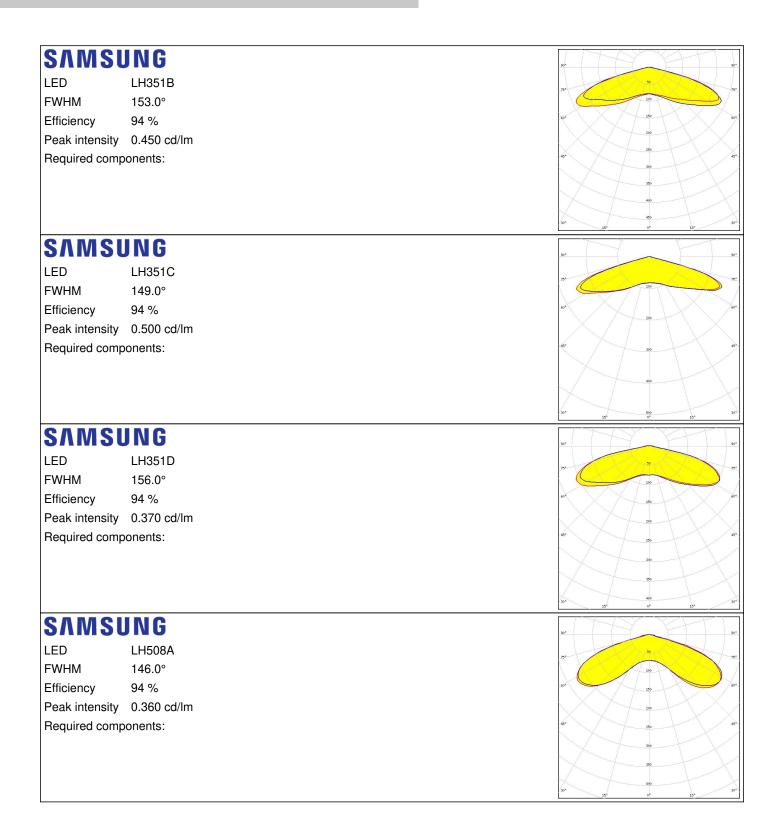






<b></b>		
<b>ΜΝΙCΗΙΛ</b>	<b>N</b>	90* 90*
LED	NVSW3x9A	
FWHM	152.0°	75'
Efficiency	94 %	
Peak intensity	0.470 cd/lm	200
Required comp	onents:	5* 20 5*
		$\times$ / $\times$
		30* 30*
<b>ØNICHI</b> A		22° <u>999</u> 12°
LED	NVSxE21A	
FWHM	134.0°	75* 100 75*
Efficiency	94 %	60 <sup>4</sup> 200 601
Peak intensity		
Required comp		5° 6'
		X Too X
		30* 800 30*
OSRAM Opto Semiconductors		
LED	Oslon Square Gen3	
FWHM	148.0°	73*
Efficiency	94 %	.60°
Peak intensity		
Required comp		457 <u>300</u> 454
		400
		30* 300 30*
PHILIP	S	
LED	Fortimo FastFlex LED board 2x8 DA G4	
FWHM	146.0°	
Efficiency	94 %	.50 <sup>4</sup> 200 604
Peak intensity	0.510 cd/lm	
Required comp	onents:	67 3%
		00
		30° 13 <sup>5</sup> 0° 13° 30°







SEOUL		
SEOUL SEMICONDUCTOR		90* 90*
LED	Z8Y22	71* 7*
FWHM	141.0°	100
Efficiency	94 %	50° 60°.
Peak intensity	0.500 cd/lm	20
Required comp	onents:	6° 61
		30
		30* 30*
SEOUL		110 0° 10°
		90* 99*
LED	Z8Y22P	351 50 751
FWHM	146.0°	100
Efficiency	94 %	200
Peak intensity		29
Required comp	onents:	30
		30
		40
		30* 450 30* 15 <sup>4</sup> 30 <sup>5</sup>
TRIDON	IC	90* 90*
LED	RLE G1 49x121mm 2000lm xxx EXC OTD	
		75* 700 75*
FWHM	139.0°	
	139.0° 94 %	60 <sup>5</sup> 20 61
Efficiency	94 %	20 Er.
Efficiency Peak intensity	94 % 0.500 cd/lm	6 <sup>1</sup> 20 67
Efficiency	94 % 0.500 cd/lm	40 <sup>4</sup> 200 601
Efficiency Peak intensity	94 % 0.500 cd/lm	50
Efficiency Peak intensity	94 % 0.500 cd/lm	40 <sup>4</sup> 300 60 <sup>4</sup>
Efficiency Peak intensity Required comp	94 % 0.500 cd/lm onents:	
Efficiency Peak intensity	94 % 0.500 cd/lm onents:	50 <sup>5</sup> 200 60 50 <sup>5</sup> 400 70 <sup>7</sup> 50 <sup>5</sup> 60 <sup>6</sup> 13 <sup>5</sup> 30 <sup>6</sup>
Efficiency Peak intensity Required comp	94 % 0.500 cd/lm onents:	20 00 00 00 00 00 00 00 00 00
Efficiency Peak intensity Required comp <b>TRIDON</b> LED FWHM	94 % 0.500 cd/lm pnents: IIC RLE G1 49x133mm 2000lm xxx EXC OTD 139.0°	
Efficiency Peak intensity Required comp <b>TRIDON</b> LED FWHM Efficiency	94 % 0.500 cd/lm onents: IC RLE G1 49x133mm 2000lm xxx EXC OTD 139.0° 94 %	
Efficiency Peak intensity Required comp <b>TRIDON</b> LED FWHM Efficiency Peak intensity	94 % 0.500 cd/lm onents: RLE G1 49x133mm 2000lm xxx EXC OTD 139.0° 94 % 0.500 cd/lm	
Efficiency Peak intensity Required comp <b>TRIDON</b> LED FWHM Efficiency	94 % 0.500 cd/lm onents: RLE G1 49x133mm 2000lm xxx EXC OTD 139.0° 94 % 0.500 cd/lm	
Efficiency Peak intensity Required comp <b>TRIDON</b> LED FWHM Efficiency Peak intensity	94 % 0.500 cd/lm onents: RLE G1 49x133mm 2000lm xxx EXC OTD 139.0° 94 % 0.500 cd/lm	
Efficiency Peak intensity Required comp <b>TRIDON</b> LED FWHM Efficiency Peak intensity	94 % 0.500 cd/lm onents: RLE G1 49x133mm 2000lm xxx EXC OTD 139.0° 94 % 0.500 cd/lm	
Efficiency Peak intensity Required comp TRIDON LED FWHM Efficiency Peak intensity	94 % 0.500 cd/lm onents: RLE G1 49x133mm 2000lm xxx EXC OTD 139.0° 94 % 0.500 cd/lm	



TRIDON		90* 90*
LED	RLE G1 49x223mm 4000lm xxx EXC OTD	75
FWHM	139.0°	
Efficiency	94 %	got 200 605
Peak intensity	0.500 cd/lm	X / 30 X
Required comp	onents:	20° 20 <sup>3</sup> 0° 20° 20°
TRIDON		90* 90*
LED	RLE G1 49x245mm 4000lm xxx EXC OTD	74
FWHM	139.0°	
Efficiency	94 %	60* <u>200</u> 60*
Peak intensity	0.500 cd/lm	30
Required comp	onents:	5° 10° 0° 10° 30°
TRIDON		90° -
LED	RLE G2 HP 2x8 4000lm	
FWHM	Asymmetric	
Efficiency	94 %	80° 200 60°.
Peak intensity	0.600 cd/lm	
Required comp	onents:	



### PHOTOMETRIC DATA (SIMULATED):

CREE ≑		90* 90*
LED	XP-G2	A
FWHM	150.0°	100 72
Efficiency	93 %	667 700 607
Peak intensity	0.430 cd/lm	
Required compor	ients:	45* 300 55*
		40
		30° 500 30°
CREE ≑		13 <sup>5</sup> 0 <sup>4</sup> 13 <sup>5</sup>
		90° - 90°
	XP-L2	20 Company of the
FWHM	151.0°	50 <sup>4</sup> 120 50 <sup>4</sup>
Efficiency	94 %	20
Peak intensity	0.350 cd/lm	
Required compor	ents:	30
		30
		400
		30 <sup>4</sup> 450 30 <sup>4</sup> 35 <sup>4</sup> 30 <sup>4</sup>
UMILE	DS	90*
LED	LUXEON MZ	
FWHM	146.0°	
Efficiency	94 %	64
Peak intensity	0.410 cd/lm	20
Required compor	ients:	6 <sup>+</sup> 30 6 <sup>+</sup>
		$\times$ / $\times$
		40
		30* 35 <sup>3</sup> 46 5 <sup>3</sup>
<b>Μ</b> ΝΙCΗΙΛ		90* 90*
LED	NVSxx19B/NVSxx19C	
FWHM	Asymmetric	70° 70°
Efficiency	92 %	50* 200 50*
Peak intensity	0.450 cd/lm	
Required compor		45* 300 45*
· ·		
		400
		$\times$ / $\top$ / $\times$
		<b>30</b>



### PHOTOMETRIC DATA (SIMULATED):

OSRAM		91 <sup>4</sup>
LED	PrevaLED Brick DC 2x8	
FWHM	146.0°	73* 200 70
Efficiency	93 %	601 60
Peak intensity	1.600 cd/lm	200
Required compor		457 340 45
····		
		460
		50
OSRAM		30° 15° 0° 15° 30
OSRAM Opto Semiconductors		90* 90
LED	Duris S8	700 100 100 100 100
FWHM	144.0°	100
Efficiency	94 %	60 <sup>14</sup> 120 60
Peak intensity	0.350 cd/lm	20
Required compor	ients:	45* 220 45
		200
		30* 15 <sup>9</sup> 46 15 <sup>9</sup> 30
OSRAM Opto Semiconductors		90* 90
LED	OSCONIQ P 3737 (2W version)	
FWHM	144.0°	751
Efficiency	93 %	69
Peak intensity	0.440 cd/lm	
Required compor	nents:	45* 300 45
		460
		30° 500 30
OSRAM		<u>335</u> 06 1350
Opto Semiconductors		90* 90
	OSCONIQ P 3737 (3W version)	73* 200
FWHM	148.0°	730 75
FWHM Efficiency	148.0° 94 %	73 <sup>4</sup> 400 77
FWHM Efficiency Peak intensity	148.0° 94 % 0.370 cd/lm	73 <sup>4</sup> 400 77
FWHM Efficiency	148.0° 94 % 0.370 cd/lm	73 <sup>4</sup> 400 77
FWHM Efficiency Peak intensity	148.0° 94 % 0.370 cd/lm	75%
FWHM Efficiency Peak intensity	148.0° 94 % 0.370 cd/lm	75%



### PHOTOMETRIC DATA (SIMULATED):

OSRAM Opto Semiconductors		50° 50°
LED	Oslon Square Gen3	50
FWHM	146.0°	
Efficiency	79 %	50° 200 80°.
Peak intensity	0.320 cd/lm	20
Required compor	nents:	6° 20 6°
	ufacturer: Protective Plate, Glass	20
		10
OSDAM		
OSRAM Opto Semiconductors		20 <sup>4</sup>
LED	Oslon Square PC	75
FWHM	144.0°	
Efficiency	94 %	50 <sup>x</sup> 200 507.
Peak intensity	0.400 cd/lm	20
Required compor	nents:	er er
		40
		300 300
OSRAM Opto Semiconductors		
LED	SFH 4714A	b'
FWHM	Asymmetric	751 200 751
Efficiency	94 %	507 200 607
Peak intensity	0.620 cd/lm	30
Required compor		6
		40
		200
		00
		20. 12. 04 13. 20.
PHILIPS	S	84
LED	Fortimo FastFlex LED board 2x8 DAX G4	2
FWHM	154.0°	
Efficiency	94 %	e <sup>4</sup>
Peak intensity	0.370 cd/lm	
Required compor	nents:	er de la
		24 60 201
		13 <sup>5</sup> 0 <sup>6</sup> 15*

PRODUCT DATASHEET

C14680\_STRADA-2X2-VSM



#### **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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