mail

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

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832 Email & Skype: info@chipsmall.com Web: www.chipsmall.com Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China





STRADA-2X2-TF

Narrow forward throw beam optimized for European tunnels

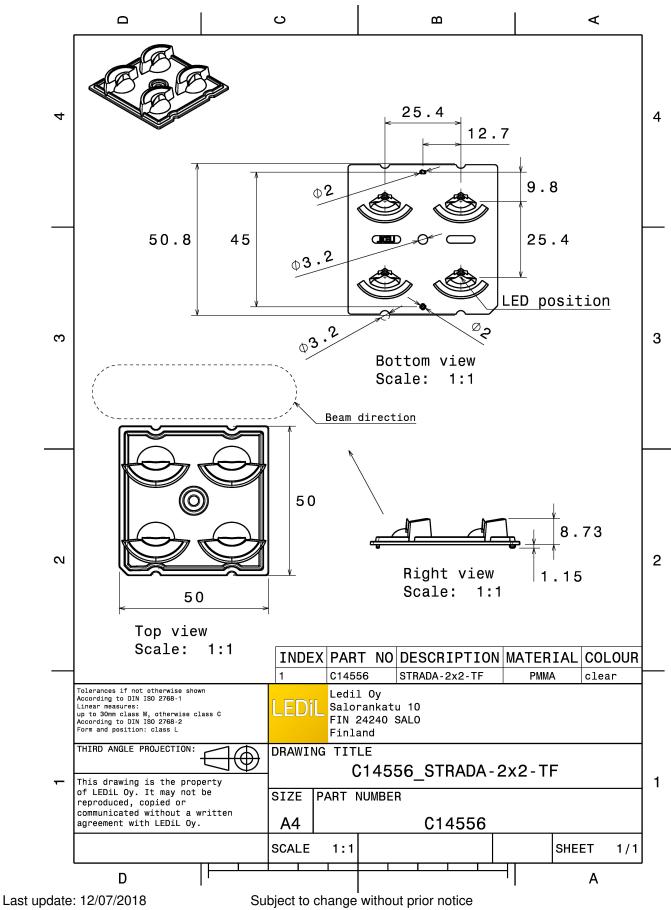
TECHNICAL SPECIFICATIONS:

Dimensions	50.0 mm
Height	8.7 mm
Fastening	screw
Colour	clear
Box size	480 x 280 x 300 mm
Box weight	6.5 kg
Quantity in Box	800 pcs
ROHS compliant	yes 🛈



MATERIAL SPECIFICATIONS:

Component STRADA-2X2-TF **Type** Lens array **Material** PMMA **Colour** clear PRODUCT DATASHEET C14556_STRADA-2X2-TF



LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.



		90° - 90°.
LED	QUICK FLUX XTP 2x4 xxx LS G5	730 750
FWHM	Asymmetric	800
Efficiency	94 %	69*
Peak intensity	2.000 cd/lm	1690
Required comp	onents:	45* 45*
		2400
		30° 3200 39°
CODET		1.30° 123 ⁵ 00° 125° 30°
		90 ⁺ 90 ⁺
LED	QUICK FLUX XTP 2x6 xxx LS G5	730 400 75*
FWHM	Asymmetric	840
Efficiency	94 %	60 ⁴ <u>1270</u> 6.*.
Peak intensity		1690
Required comp	onents:	5 500 51
		2400
		30* 30*
CDEE 4		
CREE ÷		N. N.
LED	XP-G2	30° 33° 33° 35°
LED FWHM	XP-G2 Asymmetric	92 ⁴ 1731 1792
LED FWHM Efficiency	XP-G2 Asymmetric 94 %	50° 53° 65° 66°
LED FWHM Efficiency Peak intensity	XP-G2 Asymmetric 94 % 2.100 cd/lm	90° 73° 60° 60° 60° 60°
LED FWHM Efficiency	XP-G2 Asymmetric 94 % 2.100 cd/lm	90° 73° 60° 60° 60° 60° 60° 60° 60° 60° 60° 60
LED FWHM Efficiency Peak intensity	XP-G2 Asymmetric 94 % 2.100 cd/lm	5°
LED FWHM Efficiency Peak intensity	XP-G2 Asymmetric 94 % 2.100 cd/lm	99° 73° 60° 60° 60° 60° 60° 60° 60° 60
LED FWHM Efficiency Peak intensity	XP-G2 Asymmetric 94 % 2.100 cd/lm	20° 10° 10° 20° 20° 00° 00° 20° 00° 00° 20° 00° 00°
LED FWHM Efficiency Peak intensity Required comp	XP-G2 Asymmetric 94 % 2.100 cd/lm ponents:	97 97 97 99 99 99 99 99 99 99 99 99 99 9
LED FWHM Efficiency Peak intensity Required comp	XP-G2 Asymmetric 94 % 2.100 cd/lm ponents:	90° 73° 60° 60° 60° 60° 60° 60° 60° 60
LED FWHM Efficiency Peak intensity Required comp	XP-G2 Asymmetric 94 % 2.100 cd/lm ponents: XP-G3	
LED FWHM Efficiency Peak intensity Required comp CREE LED FWHM	XP-G2 Asymmetric 94 % 2.100 cd/lm monents: XP-G3 Asymmetric	
LED FWHM Efficiency Peak intensity Required comp Required comp LED FWHM Efficiency	XP-G2 Asymmetric 94 % 2.100 cd/lm bonents: XP-G3 Asymmetric 94 %	
LED FWHM Efficiency Peak intensity Required comp Required comp Equired comp Required c	XP-G2 Asymmetric 94 % 2.100 cd/lm conents: XP-G3 Asymmetric 94 % 1.700 cd/lm	209 209 209 209 209 209 209 209 209 209
LED FWHM Efficiency Peak intensity Required comp Required comp LED FWHM Efficiency	XP-G2 Asymmetric 94 % 2.100 cd/lm conents: XP-G3 Asymmetric 94 % 1.700 cd/lm	209 209 209 209 209 209 209 209 209 209
LED FWHM Efficiency Peak intensity Required comp Required comp Equired comp Required c	XP-G2 Asymmetric 94 % 2.100 cd/lm conents: XP-G3 Asymmetric 94 % 1.700 cd/lm	209 209 209 209 209 209 209 209 209 209
LED FWHM Efficiency Peak intensity Required comp Required comp Equired comp Required c	XP-G2 Asymmetric 94 % 2.100 cd/lm conents: XP-G3 Asymmetric 94 % 1.700 cd/lm	209 209 209 209 209 209 209 209 209 209



🔁 LG Innot	cek .	90* 90*
LED	H35C1 (LEMWA33)	255 400 735
FWHM	Asymmetric	810
Efficiency	94 %	50°
Peak intensity	1.900 cd/lm	
Required comp	onents:	45* 2000 45*
		200
		13 ² 0 ⁴ 15 ⁵ 90 ⁵
UMIL	EDS	90* 90*
LED	LUXEON T	
FWHM	Asymmetric	
Efficiency	94 %	80° 520
Peak intensity	1.950 cd/lm	1550
Required comp	onents:	e
		2100
~		20 ² 12 ³ 28 ³ 0 15 ⁴
WNICHI	ь.	90* 90*
LED	NVSW3x9A	75 400 770
FWHM	Asymmetric	
Efficiency	94 %	
Peak intensity	1.600 cd/lm	1230
Required comp		
	onents:	65° 5°
	onents:	4° - 100 - 97
	onents:	in" 100 6"
	onents:	4° 500 6' 200 200 200
		er 500 200 200 200 200 200 200 200
MICHIA	N	4° 100 47 200 200 200 200 200 200 200 200 200 20
LED	NVSxE21A	20 20 20 20 20 20 20 20 20 20
LED FWHM	NVSxE21A Asymmetric	40° 500 50° 50° 50° 50° 50° 50° 50° 50° 5
LED FWHM Efficiency	NVSxE21A Asymmetric 94 %	40° 100 100 100 100 100 100 100 100 100 1
LED FWHM Efficiency Peak intensity	NVSxE21A Asymmetric 94 % 2.900 cd/lm	61° 109 61° 209 109 209 10° 209 10° 200 10°
LED FWHM Efficiency	NVSxE21A Asymmetric 94 % 2.900 cd/lm	4° 100 100 100 100 100 100 100 10
LED FWHM Efficiency Peak intensity	NVSxE21A Asymmetric 94 % 2.900 cd/lm	40° 1000 00° 2000 00° 20
LED FWHM Efficiency Peak intensity	NVSxE21A Asymmetric 94 % 2.900 cd/lm	et 109 109 109 109 109 109 109 109
LED FWHM Efficiency Peak intensity	NVSxE21A Asymmetric 94 % 2.900 cd/lm	



	-		
OSRAM			90*
LED	PrevaLED Brick DC 2x8		
FWHM	Asymmetric	and the second	
Efficiency	94 %		80 1220
Peak intensity	1.200 cd/lm		1500
Required comp			457 2000 4
			200
			200
			32* 2200
OSRAM Opto Semiconductors			
			90* P
LED	Oslon Square Gen3	and the second	750 400 77
FWHM	Asymmetric		
Efficiency	94 %		667 1230 66
Peak intensity			1000
Required comp	onents:		200
			2100
			200
			30* <u>300</u> 13 ⁵ 0* 15*
OSRAM Opto Semiconductors			90°
OSRAM Opto Semiconductors	Oslon Square PC		8
Opto Semiconductors	Oslon Square PC Asymmetric		30° 000 000 000 000 000 000 000 000 000
opto Semiconductors LED FWHM	Oslon Square PC Asymmetric 94 %		ge
opto Semiconductors LED FWHM Efficiency	Asymmetric 94 %		90° 73° 60° 60°
opto Semiconductors LED FWHM	Asymmetric 94 % 2.200 cd/lm		
opto Semiconductors LED FWHM Efficiency Peak intensity	Asymmetric 94 % 2.200 cd/lm		90° 73° 60° 60° 60° 60° 60° 60° 60° 60° 60° 60
opto Semiconductors LED FWHM Efficiency Peak intensity	Asymmetric 94 % 2.200 cd/lm		90° 10° 10° 10° 10° 10° 10° 10° 1
opto Semiconductors LED FWHM Efficiency Peak intensity	Asymmetric 94 % 2.200 cd/lm		90° 72° 60° 60° 60° 60° 60° 60° 60° 60
opto Semiconductors LED FWHM Efficiency Peak intensity Required comp	Asymmetric 94 % 2.200 cd/lm onents:		
opto Semiconductors LED FWHM Efficiency Peak intensity Required comp	Asymmetric 94 % 2.200 cd/lm onents:		
opto Semiconductors LED FWHM Efficiency Peak intensity Required comp	Asymmetric 94 % 2.200 cd/lm onents: S Fortimo FastFlex LED board 2x8 DA G4		
opto Semiconductors LED FWHM Efficiency Peak intensity Required comp PHILLED FWHM	Asymmetric 94 % 2.200 cd/lm onents: S Fortimo FastFlex LED board 2x8 DA G4 Asymmetric		
opto Semiconductors LED FWHM Efficiency Peak intensity Required comp PERECEPTION LED FWHM Efficiency	Asymmetric 94 % 2.200 cd/lm onents: S Fortimo FastFlex LED board 2x8 DA G4 Asymmetric 94 %		
opto Semiconductors LED FWHM Efficiency Peak intensity Required comp LED FWHM Efficiency Peak intensity	Asymmetric 94 % 2.200 cd/lm onents: S Fortimo FastFlex LED board 2x8 DA G4 Asymmetric 94 % 2.100 cd/lm		
opto Semiconductors LED FWHM Efficiency Peak intensity Required comp PERECEPTION LED FWHM Efficiency	Asymmetric 94 % 2.200 cd/lm onents: S Fortimo FastFlex LED board 2x8 DA G4 Asymmetric 94 % 2.100 cd/lm		
opto Semiconductors LED FWHM Efficiency Peak intensity Required comp LED FWHM Efficiency Peak intensity	Asymmetric 94 % 2.200 cd/lm onents: S Fortimo FastFlex LED board 2x8 DA G4 Asymmetric 94 % 2.100 cd/lm		
opto Semiconductors LED FWHM Efficiency Peak intensity Required comp LED FWHM Efficiency Peak intensity	Asymmetric 94 % 2.200 cd/lm onents: S Fortimo FastFlex LED board 2x8 DA G4 Asymmetric 94 % 2.100 cd/lm		



0 0 0 0 0 0		
SVWSI		90* 90*
LED	LH351B	75° 400 75°
FWHM	Asymmetric	
Efficiency	94 %	. 60 ⁴
Peak intensity		1200
Required comp	oonents:	.67 1690 67*
		2030
		30* 13 ⁵ 2850 13* 30*
SEOUL		
	Z8Y22	
FWHM	Asymmetric	736 400 792
Efficiency	94 %	60* 800 60*
Peak intensity		1220
Required com		-67 1690 657
		2000
		2430
SEOUL		30" <u>35</u> <u>9</u>
SEOUL SEMICONDUCTOR		90* 99*
LED	Z8Y22P	735 400 750
FWHM	Asymmetric	
Efficiency	94 %	6°
Peak intensity		
Required comp	oonents:	6* 6*
		2000
		2000
		30* 32 0* 15* 30*
TOSHIBA Leading Innovation >>>		
	TL1L4	
FWHM	Asymmetric	73
Efficiency	91 %	505 607
Peak intensity		
Required com		40
		\times
		2400
		30* 15* 30*



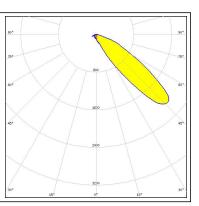
TRIDOM	IIC	90*
LED	RLE G1 49x121mm 2000lm xxx EXC OTD	
FWHM	Asymmetric	1500
Efficiency	94 %	60 60
Peak intensity	2.100 cd/lm	
Required comp	ponents:	¢* 6
		400
		\times / \mid \setminus \times
		30* 5400 30* 30*
TRIDON	IIC	90° 99
LED	RLE G1 49x133mm 2000lm xxx EXC OTD	
FWHM	Asymmetric	73* 75'
Efficiency	94 %	60 60
Peak intensity	2.100 cd/lm	
Required comp	ponents:	
		\times / \mid \setminus \times
		30° 6600 30°
TRIDON		
LED	RLE G1 49x223mm 4000lm xxx EXC OTD	90° 90'
	Asymmetric	73°
FWHM	Asymmetric 94 %	199 50 ⁻ 500
FWHM Efficiency	94 %	
FWHM Efficiency Peak intensity	94 % 2.100 cd/lm	
FWHM Efficiency	94 % 2.100 cd/lm	
FWHM Efficiency Peak intensity	94 % 2.100 cd/lm	
FWHM Efficiency Peak intensity	94 % 2.100 cd/lm	
FWHM Efficiency Peak intensity Required comp	94 % 2.100 cd/lm ponents:	
FWHM Efficiency Peak intensity Required comp	94 % 2.100 cd/lm ponents:	
FWHM Efficiency Peak intensity Required comp	94 % 2.100 cd/lm ponents: NIC RLE G1 49x245mm 4000lm xxx EXC OTD	
FWHM Efficiency Peak intensity Required comp TRIDON LED FWHM	94 % 2.100 cd/lm ponents: NIC RLE G1 49x245mm 4000lm xxx EXC OTD Asymmetric	
FWHM Efficiency Peak intensity Required comp TRIDON LED FWHM Efficiency	94 % 2.100 cd/lm conents: NIC RLE G1 49x245mm 4000lm xxx EXC OTD Asymmetric 94 %	
FWHM Efficiency Peak intensity Required comp TRIDON LED FWHM Efficiency Peak intensity	94 % 2.100 cd/lm ponents: NIC RLE G1 49x245mm 4000lm xxx EXC OTD Asymmetric 94 % 2.100 cd/lm	
FWHM Efficiency Peak intensity Required comp TRIDON LED FWHM Efficiency	94 % 2.100 cd/lm ponents: NIC RLE G1 49x245mm 4000lm xxx EXC OTD Asymmetric 94 % 2.100 cd/lm	
FWHM Efficiency Peak intensity Required comp TRIDON LED FWHM Efficiency Peak intensity	94 % 2.100 cd/lm ponents: NIC RLE G1 49x245mm 4000lm xxx EXC OTD Asymmetric 94 % 2.100 cd/lm	
FWHM Efficiency Peak intensity Required comp TRIDON LED FWHM Efficiency Peak intensity	94 % 2.100 cd/lm ponents: NIC RLE G1 49x245mm 4000lm xxx EXC OTD Asymmetric 94 % 2.100 cd/lm	



PHOTOMETRIC DATA (MEASURED):

TRIDONIC

LEDRLE G2 HP 2x8 4000lmFWHMAsymmetricEfficiency94 %Peak intensity2.200 cd/lmRequired components:





PHOTOMETRIC DATA (SIMULATED):

MICHIΛ		90*92
LED	NWSx229A	
FWHM	Asymmetric	739 400 77
Efficiency	92 %	.60*
Peak intensity	1.200 cd/lm	
Required compor	nents:	457 3220 45
		\times
		1670
		35* 35 ³ 0 ⁶ 15 ⁴ 30
PHILIP	5	12 V 12
LED	Fortimo FastFlex LED board 2x8 DAX G4	
FWHM	Asymmetric	73* 400
Efficiency	93 %	50* 800 6
Peak intensity	1.360 cd/lm	1220
Required compor	nents:	45' C
		1000
		an* 2000 a
SAMSU		13 ³ 6 ⁴ 10 ⁴
		90* 90
LED	LH351D	73%
FWHM	Asymmetric	
Efficiency		
	88 %	50 ⁴ 000 6
Peak intensity	1.150 cd/lm	er en
	1.150 cd/lm	67 <u>1130</u> e
Peak intensity	1.150 cd/lm	67 <u>100</u> 4
Peak intensity	1.150 cd/lm	6° 00 0
Peak intensity	1.150 cd/lm	20° 12° 20° 13° X
Peak intensity	1.150 cd/lm	
Peak intensity Required compor	1.150 cd/lm	
Peak intensity Required compor	1.150 cd/lm nents:	
Peak intensity Required compor	1.150 cd/lm nents: Z5M1/Z5M2	90 ⁻ 23
Peak intensity Required compor seous semiconductor LED FWHM	1.150 cd/lm nents: Z5M1/Z5M2 Asymmetric	
Peak intensity Required comport secul semiconductor LED FWHM Efficiency	1.150 cd/lm nents: Z5M1/Z5M2 Asymmetric 94 % 1.810 cd/lm	90° 900 70° 900 80° 600 80° 60
Peak intensity Required comport second semiconouctor LED FWHM Efficiency Peak intensity	1.150 cd/lm nents: Z5M1/Z5M2 Asymmetric 94 % 1.810 cd/lm	99° 75° 60° 60° 60° 60° 60° 60° 60° 60° 60° 60
Peak intensity Required comport second semiconouctor LED FWHM Efficiency Peak intensity	1.150 cd/lm nents: Z5M1/Z5M2 Asymmetric 94 % 1.810 cd/lm	
Peak intensity Required comport soort staticonductor LED FWHM Efficiency Peak intensity	1.150 cd/lm nents: Z5M1/Z5M2 Asymmetric 94 % 1.810 cd/lm	



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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LEDiL Oy

Joensuunkatu 13 FI-24240 SALO Finland

LEDiL Inc.

228 West Page Street Suite D Sycamore IL 60178 USA

Local sales and technical support www.ledil.com/ where_to_buy

Shipping locations Salo, Finland Hong Kong, China

Distribution Partners www.ledil.com/ where to buy