

PRODUCT DATASHEET C14896_STRADA-2X2-PXL

STRADA-2X2-PXL

Fully asymmetric beam designed to highlight pedestrian crossings for left side traffic

TECHNICAL SPECIFICATIONS:

Dimensions	50.0 x 50.0 mm
Height	8 mm
Fastening	pin, screw
ROHS compliant	yes 🛈

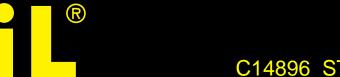


MATERIAL SPECIFICATIONS:

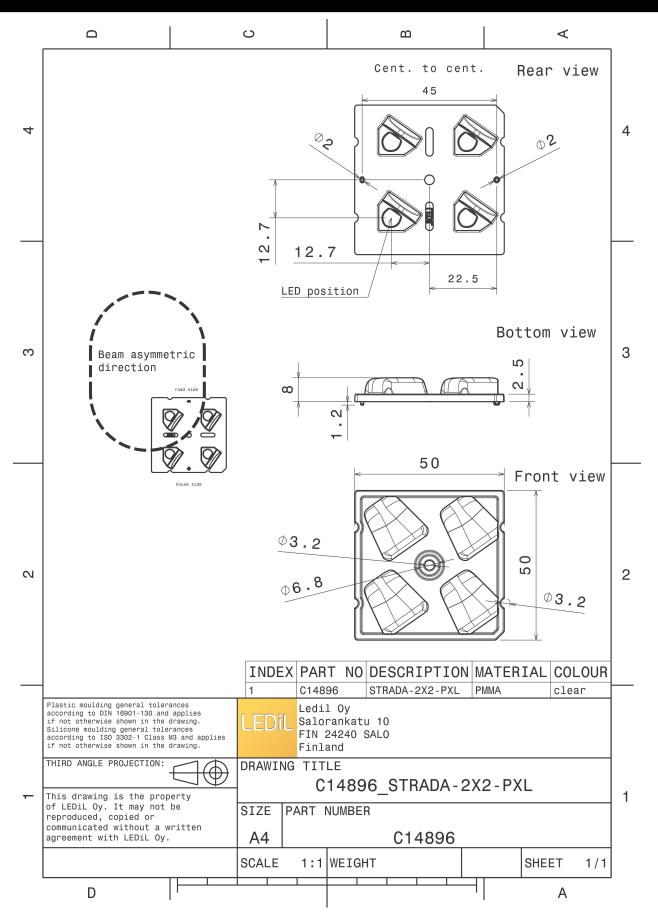
Component	Туре	Material	Colour	Finish
STRADA-2X2-PXL	Multi-lens	PMMA	clear	

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C14896_STRADA-2X2-PXL	800	160	160	7.9
» Box size: 480 x 280 x 300 mm				



PRODUCT DATASHEET C14896_STRADA-2X2-PXL



See also our general installation guide: www.ledil.com/installation_guide



CREE 🗧	•	90* 92*
LED	* XD16	
FWHM / FWTM	Asymmetric	730 700
Efficiency	94 %	400
Peak intensity	1.2 cd/lm	60* 60*.
LEDs/each optic	1	800
Light colour	White	45"
Required componer		
		1200
		\times / \times
		1600
		(30* 30* 30* 30*
UMIL	EDS	90° 90°
LED	LUXEON 5050 Round LES	
FWHM / FWTM	Asymmetric	73° 200 75°
Efficiency	94 %	
Peak intensity	0.8 cd/lm	60 ⁴ 60*
LEDs/each optic	1	600
Light colour	White	45* 45*
Required componer	Its:	
		1000
		30* 12 ⁵ 0 ⁶ 15* 30*
	EDS	
		90* 90*
LED	LUXEON MZ	770 200 770
FWHM / FWTM	Asymmetric	
Efficiency	94 %	60 ⁴ 60 ⁴
Peak intensity	0.9 cd/lm 1	600
LEDs/each optic	White	$X \times I \times X$
Light colour Required componer		.45* 000 G*
	lið.	1000
		30° 1430 30° 30° 30°
UMIL	EDS	
LED	LUXEON V	90*
FWHM / FWTM	Asymmetric	75° 200 77°
Efficiency	94 %	
Peak intensity	0.8 cd/lm	50* 400 50*.
LEDs/each optic	1	
Light colour	White	
Required componer		200
		1200



MST Your solu	tions	
LED	RecLED 122x50mm 1900lm 730 2x4 Opt G1	90* 90*
FWHM / FWTM	Asymmetric	73%
Efficiency	98 %	400
Peak intensity	96 % 1.2 cd/lm	.50° 50°
LEDs/each optic	1 White	
Light colour Required compone		45° 45*
Required compone	115.	
		1600
		30* 13 ⁶ 0 ⁶ 15* 30*
ØNICHI/		01 ⁴
LED	NVSW219F	
FWHM / FWTM	Asymmetric	75* 200 75*
Efficiency	94 %	400
Peak intensity	0.9 cd/lm	50* 50*
LEDs/each optic	1	
Light colour	White	45* 800 45*
Required compone		
		1000
		1200
		30° 1430 30° 1430 30°
ØNICHI∕		90° 90°
LED	NVSW319B	
FWHM / FWTM		75% 200 7%
	Asymmetric 94 %	20 20 m
FWHM / FWTM	Asymmetric	20 200 A2 64 60 60
FWHM / FWTM Efficiency	Asymmetric 94 %	25 20 75 EV 60 60
FWHM / FWTM Efficiency Peak intensity	Asymmetric 94 % 0.9 cd/lm	27 20 72 50 60 60 60 60 60
FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 94 % 0.9 cd/lm 1 White	30 30 32 61 60 60 62 00 61
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 94 % 0.9 cd/lm 1 White	23 200 72 64 40 60 67 00 60 67 00 60
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 94 % 0.9 cd/lm 1 White	20 200 72 60 60 67 50 69 67 67 67
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 94 % 0.9 cd/lm 1 White	25 20 92 64 66 64 65 99 65 199 25 129
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	Asymmetric 94 % 0.9 cd/lm 1 White ants:	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	Asymmetric 94 % 0.9 cd/lm 1 White ints:	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	Asymmetric 94 % 0.9 cd/lm 1 White Ints:	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	Asymmetric 94 % 0.9 cd/lm 1 White Ints:	22 60 62 23 64 73 24 60 64 65 66 64 65 66 65 65 66 65 73 73 73
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone WICHIA LED FWHM / FWTM Efficiency	Asymmetric 94 % 0.9 cd/lm 1 White ints: NVSxE21A Asymmetric 94 %	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone MICHIM LED FWHM / FWTM Efficiency Peak intensity	Asymmetric 94 % 0.9 cd/lm 1 White ints: NVSxE21A Asymmetric 94 % 1.4 cd/lm	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone Equired compone FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 94 % 0.9 cd/lm 1 White ints: NVSxE21A Asymmetric 94 % 1.4 cd/lm 1	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone WICHIA Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 94 % 0.9 cd/lm 1 White ints: NVSxE21A Asymmetric 94 % 1.4 cd/lm 1 White	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone Equired compone FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 94 % 0.9 cd/lm 1 White ints: NVSxE21A Asymmetric 94 % 1.4 cd/lm 1 White	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone WICHIA Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 94 % 0.9 cd/lm 1 White ints: NVSxE21A Asymmetric 94 % 1.4 cd/lm 1 White	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone WICHIA Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 94 % 0.9 cd/lm 1 White ints: NVSxE21A Asymmetric 94 % 1.4 cd/lm 1 White	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone WICHIA LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 94 % 0.9 cd/lm 1 White ints: NVSxE21A Asymmetric 94 % 1.4 cd/lm 1 White	



OSRAM Opto Semiconductors		90* 90*
LED	OSLON Square PC	
FWHM / FWTM	Asymmetric	734 754
Efficiency	94 %	400
Peak intensity	1.1 cd/lm	.50* 60*.
LEDs/each optic	1	
Light colour	White	
Required compone		
		1200
		\times / \times \times
		1500
		30° 30° 30° 30°
SAMSI	JNG	90* 90*
LED	HiLOM RC12 Z (LH181B)	
FWHM / FWTM	Asymmetric	734
Efficiency	90 %	
Peak intensity	1.3 cd/lm	60* 60*
LEDs/each optic	1	800
Light colour	White	65° 65°
Required compone	nts:	1200
		\times / \times
Protective	plate, glass	1000
		30*
		15° 0° 15°
CARACI		
SAMSI	JNG	90*
	JNG HILOM RC12 Z (LH181B)	50°
		90° - 90° - 75° -
LED	HiLOM RC12 Z (LH181B)	9° 70 80 80 80 80 80
LED FWHM / FWTM	HiLOM RC12 Z (LH181B) Asymmetric	50° 50° 50° 50° 50° 50° 50° 50° 50° 50°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	HiLOM RC12 Z (LH181B) Asymmetric 97 % 1.3 cd/Im 1	50° 50° 50° 50° 50° 50° 50° 50° 50° 50°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	HiLOM RC12 Z (LH181B) Asymmetric 97 % 1.3 cd/lm 1 White	90° 73° 60° 60° 60° 60° 60° 60°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	HiLOM RC12 Z (LH181B) Asymmetric 97 % 1.3 cd/lm 1 White	90 [*] 90 [*]
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	HiLOM RC12 Z (LH181B) Asymmetric 97 % 1.3 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	HiLOM RC12 Z (LH181B) Asymmetric 97 % 1.3 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	HiLOM RC12 Z (LH181B) Asymmetric 97 % 1.3 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	HILOM RC12 Z (LH181B) Asymmetric 97 % 1.3 cd/lm 1 White nts:	105
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	HILOM RC12 Z (LH181B) Asymmetric 97 % 1.3 cd/lm 1 White nts:	105
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	HiLOM RC12 Z (LH181B) Asymmetric 97 % 1.3 cd/lm 1 White nts:	105
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone SAMSI LED FWHM / FWTM	HiLOM RC12 Z (LH181B) Asymmetric 97 % 1.3 cd/lm 1 White nts:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone SAMSS LED FWHM / FWTM Efficiency	HiLOM RC12 Z (LH181B) Asymmetric 97 % 1.3 cd/lm 1 White nts:	102
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone SAMS LED FWHM / FWTM Efficiency Peak intensity	HiLOM RC12 Z (LH181B) Asymmetric 97 % 1.3 cd/lm 1 White nts:	120 100 100 100 100 100 100 100 100 100
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone SAMSS LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	HiLOM RC12 Z (LH181B) Asymmetric 97 % 1.3 cd/lm 1 White nts:	120 100 100 100 100 100 100 100 100 100
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone SANSS LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	HiLOM RC12 Z (LH181B) Asymmetric 97 % 1.3 cd/lm 1 White nts:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone SAMSS LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	HiLOM RC12 Z (LH181B) Asymmetric 97 % 1.3 cd/lm 1 White nts:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone SANSS LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	HiLOM RC12 Z (LH181B) Asymmetric 97 % 1.3 cd/lm 1 White nts:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone SANSS LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	HiLOM RC12 Z (LH181B) Asymmetric 97 % 1.3 cd/lm 1 White nts:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone SANSS LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	HiLOM RC12 Z (LH181B) Asymmetric 97 % 1.3 cd/lm 1 White nts:	



S ΛΜS	ING	90* 90*
LED	HiLOM RH16 (LH351C)	19 ⁻
FWHM / FWTM	Asymmetric	734 200 773
Efficiency	94 %	400
Peak intensity	1 cd/lm	50 ⁴ 510 50 ⁴
LEDs/each optic	1	$\nabla X / T / X X$
Light colour	White	45*
Required compone	ents:	1000
		1220
		1490
		50° - 30°
		15, 160 15,
SAMSU	JNG	90* 90*
LED	HiLOM RM12 Z (LH502C)	
FWHM / FWTM	Asymmetric	75%
Efficiency	97 %	
Peak intensity	0.9 cd/lm	60*
LEDs/each optic	1	600
Light colour	White	45*
Required compone	ents:	
		1000
		\times
		30* 12 ⁵⁰ 0* 15* 30*
слисі	INC	
SVWSI		90 ⁴
LED	HiLOM RM16 Z (LH502C)	8°
LED FWHM / FWTM	HiLOM RM16 Z (LH502C) Asymmetric	25- 26+ 26+
LED FWHM / FWTM Efficiency	HiLOM RM16 Z (LH502C) Asymmetric 90 %	90° 90° 39° 90° 90° 60° 60° 60°
LED FWHM / FWTM Efficiency Peak intensity	HiLOM RM16 Z (LH502C) Asymmetric 90 % 0.9 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	HiLOM RM16 Z (LH502C) Asymmetric 90 % 0.9 cd/lm 1	er
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	HiLOM RM16 Z (LH502C) Asymmetric 90 % 0.9 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	HiLOM RM16 Z (LH502C) Asymmetric 90 % 0.9 cd/lm 1 White	er
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	HiLOM RM16 Z (LH502C) Asymmetric 90 % 0.9 cd/lm 1 White	er
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	HiLOM RM16 Z (LH502C) Asymmetric 90 % 0.9 cd/lm 1 White ents:	60° 60° 60° 60° 60° 60° 60° 60° 60° 60°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone Protective	HiLOM RM16 Z (LH502C) Asymmetric 90 % 0.9 cd/lm 1 White ents: plate, glass	6 ¹ 69.
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone Protective	HiLOM RM16 Z (LH502C) Asymmetric 90 % 0.9 cd/lm 1 White ents: plate, glass	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone Protective	HiLOM RM16 Z (LH502C) Asymmetric 90 % 0.9 cd/lm 1 White ents: plate, glass	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone Protective SAMSU	HiLOM RM16 Z (LH502C) Asymmetric 90 % 0.9 cd/lm 1 White ents: plate, glass	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone Protective SANSU LED FWHM / FWTM	HiLOM RM16 Z (LH502C) Asymmetric 90 % 0.9 cd/lm 1 White ents: plate, glass UNCC HiLOM RM16 Z (LH502C) Asymmetric	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone Protective SANSU LED FWHM / FWTM Efficiency	HiLOM RM16 Z (LH502C) Asymmetric 90 % 0.9 cd/lm 1 White ents: e plate, glass UNCC HiLOM RM16 Z (LH502C) Asymmetric 97 %	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone Protective SANSS LED FWHM / FWTM Efficiency Peak intensity	HiLOM RM16 Z (LH502C) Asymmetric 90 % 0.9 cd/lm 1 White ents: plate, glass UNCC HiLOM RM16 Z (LH502C) Asymmetric	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone Protective SANSS LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	HiLOM RM16 Z (LH502C) Asymmetric 90 % 0.9 cd/lm 1 White ents: plate, glass UNCC HiLOM RM16 Z (LH502C) Asymmetric 97 % 0.9 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone Protective SALNSU LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	HiLOM RM16 Z (LH502C) Asymmetric 90 % 0.9 cd/lm 1 White ents: plate, glass	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone Protective SANSS LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	HiLOM RM16 Z (LH502C) Asymmetric 90 % 0.9 cd/lm 1 White ents: plate, glass	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone Protective SANSS LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	HiLOM RM16 Z (LH502C) Asymmetric 90 % 0.9 cd/lm 1 White ents: plate, glass	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone Protective SALNSU LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	HiLOM RM16 Z (LH502C) Asymmetric 90 % 0.9 cd/lm 1 White ents: plate, glass	



SAMSU	ING	
LED	Hilom RM8 Z (LH502C)	30° 90
EUD FWHM / FWTM	Asymmetric	77
Efficiency	97 %	
Peak intensity	0.9 cd/lm	60 ⁴ 60
LEDs/each optic	1	
Light colour	White	5° C
Required compone		80
i toqui ou compone		
		2000
		1200
		100° 20° 20°
SAMSU	JNG	90*
LED	LH351B	
FWHM / FWTM	Asymmetric	75 200
Efficiency	94 %	
Peak intensity	0.9 cd/lm	60* 60
LEDs/each optic	1	
Light colour	White	61 6
Required compone	nts:	80
		3000
		120
		30 ⁴ 2200 30 150 ⁴ 0 ⁴ 15 ⁴
Elektronik GmbH		
LED	LED-Pa-L15c2W11c2-xxx-C050-01	
FWHM / FWTM	Asymmetric	
Efficiency	97 %	
Peak intensity	1.1 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required compone	nts:	
SEOUL		
	75140	80*
	Z5M3	75 200
FWHM / FWTM Efficiency	Asymmetric	60
Peak intensity	94 % 0.9 cd/lm	60 - 60 - 60
LEDs/each optic	0.9 ca/im 1	
LEDS/each optic	ı White	X X X
Required compone		-det
Required compone		1000
		120
		30* 30



SEOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	Z8Y22 Asymmetric 94 % 1 cd/lm 1 White Ints:	20, 12, 12, 12, 12, 12, 12, 12, 12, 12, 12
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	RLE 2x4 2000lm HP EXC2 OTD Asymmetric 94 % 1.2 cd/lm 1 White	
TRIDON LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	RLE 2x8 4000lm HP EXC2 OTD Asymmetric 94 % 1.2 cd/lm 1 White	5, 15, 6, 15, 2, 100 6, 150 6, 150



CREE ≑		
		90*
	XP-G2	750
FWHM / FWTM	Asymmetric 95 %	400
Efficiency		505
Peak intensity	1.1 cd/lm	
LEDs/each optic	1 White	\times / \wedge ×
Light colour Required components:	White	6°
Required components.		1250
		\times / \setminus \times
		1500
		/30° 13 ⁵ 0° 15°
CREE ≑		MY KH
LED	XP-G2 HE	90*
FWHM / FWTM	Asymmetric	756 200
Efficiency	95 %	
Peak intensity	0.9 cd/lm	604 460 6i
LEDs/each optic	1	
Light colour	White	
Required components:		
		1000
		1200
		30* 15 ⁵ 150 15* 30
CREE ≑		
LED	N/5 02	
	XP-G3	
FWHM / FWTM	XP-G3 Asymmetric	75%
	XP-G3 Asymmetric 81 %	74
Efficiency	Asymmetric	
	Asymmetric 81 %	
Efficiency Peak intensity	Asymmetric 81 % 0.8 cd/lm	
Efficiency Peak intensity LEDs/each optic	Asymmetric 81 % 0.8 cd/lm 1	2°
Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 81 % 0.8 cd/lm 1 White	
Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 81 % 0.8 cd/lm 1 White	23
Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 81 % 0.8 cd/lm 1 White	
Efficiency Peak intensity LEDs/each optic Light colour Required components: Protective plate	Asymmetric 81 % 0.8 cd/lm 1 White	
Efficiency Peak intensity LEDs/each optic Light colour Required components: Protective plate	Asymmetric 81 % 0.8 cd/lm 1 White e, glass	
Efficiency Peak intensity LEDs/each optic Light colour Required components: Protective plate	Asymmetric 81 % 0.8 cd/lm 1 White , glass XT-E	
Efficiency Peak intensity LEDs/each optic Light colour Required components: Protective plate	Asymmetric 81 % 0.8 cd/lm 1 White , glass XT-E Asymmetric	
Efficiency Peak intensity LEDs/each optic Light colour Required components: Protective plate CREE LED FWHM / FWTM Efficiency	Asymmetric 81 % 0.8 cd/lm 1 White , glass XT-E Asymmetric 79 %	
Efficiency Peak intensity LEDs/each optic Light colour Required components: Protective plate CREEE LED FWHM / FWTM Efficiency Peak intensity	Asymmetric 81 % 0.8 cd/lm 1 White a, glass XT-E Asymmetric 79 % 0.9 cd/lm	
Efficiency Peak intensity LEDs/each optic Light colour Required components: Protective plate Protective plate ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 81 % 0.8 cd/lm 1 White a, glass XT-E Asymmetric 79 % 0.9 cd/lm 1	
Efficiency Peak intensity LEDs/each optic Light colour Required components: Protective plate CREE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 81 % 0.8 cd/lm 1 White a, glass XT-E Asymmetric 79 % 0.9 cd/lm	
Efficiency Peak intensity LEDs/each optic Light colour Required components: Protective plate Protective plate ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 81 % 0.8 cd/lm 1 White a, glass XT-E Asymmetric 79 % 0.9 cd/lm 1	
Efficiency Peak intensity LEDs/each optic Light colour Required components: Protective plate CREEE ¢ LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 81 % 0.8 cd/lm 1 White Asymmetric 79 % 0.9 cd/lm 1 White	
Efficiency Peak intensity LEDs/each optic Light colour Required components: Protective plate Protective plate ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 81 % 0.8 cd/lm 1 White Asymmetric 79 % 0.9 cd/lm 1 White	



CREE ≑		90°
LED	XT-E	5
FWHM / FWTM	Asymmetric	73.
Efficiency	93 %	400
Peak intensity	1.1 cd/lm	. 60°
LEDs/each optic	1	
Light colour	White	10 ¹
Required components:		- 1000
		1230
		30* 1500 13 ⁵ 0 ⁶ 15* 30 ⁶
	9S	90* 90*
LED	LUXEON 5050 Round LES	
FWHM / FWTM	Asymmetric	285
Efficiency	85 %	
Peak intensity	0.8 cd/lm	50 ⁴ 60 ⁴
LEDs/each optic	1	
Light colour	White	-55*
Required components:		\times
		200
Protective plate	, glass	
		1000
		(30* 15 ² 0 ⁶ 15 ⁴ 30 ⁴
	S S	96° 95°
LED	LUXEON 5050 Square LES	
FWHM / FWTM	Asymmetric	736
Efficiency	85 %	50 ⁴ 50*
Peak intensity	0.8 cd/lm	1.60° 400 60°.
LEDs/each optic	1	
Light colour	White	45° 660 45°
Required components:		
		300
Protective plate	, glass	1000
		30* 30*
	15	
		90* 90*
	LUXEON TX	730 200 770
FWHM / FWTM	Asymmetric	40
Efficiency	95 %	60* 60°.
Peak intensity	1.1 cd/lm 1	
LEDs/each optic	1 White	
Light colour Required components:	WING	. 45* 45* _
Required components:		1270
		3830
		90° 15 ⁵ 0° 15° 90°



r		
ΜΝΙCΗΙΛ		20* 20*
LED	NV4WB35AM	
FWHM / FWTM	Asymmetric	73* 77*
Efficiency	96 %	400
Peak intensity	0.9 cd/lm	60* 60*
LEDs/each optic	1	600
Light colour	White	45* 000 45*
Required components:		
		1000
		1250
		30° 1400 30° 30°
MICHIΛ		90° 90°
LED	NVSW219D	
FWHM / FWTM	Asymmetric	73°
Efficiency	94 %	60° 60°
Peak intensity	1.1 cd/lm	60° 60°
LEDs/each optic	1	
Light colour	White	45
Required components:		
Protective plate		1200
Protective plate	, glass	1430
		30° 13 ⁵ 1800 15° 30°
Μ ΝΙCΗΙΛ		90°
LED	NVSW519A	
FWHM / FWTM	Asymmetric	75* 77*
Efficiency	86 %	
Peak intensity	0.7 cd/lm	60 ⁴ 400 60 ⁴
LEDs/each optic	1	
Light colour	White	45* 43*
Required components:		80
Protective plate		\times
Protective plate	, giass	1000
		30* 13 ⁵ 1280 15* 30*
		90° 80°
	NVSW519A	50° 50°
LED	NVSW519A Asymmetric	No. No.
LED FWHM / FWTM	Asymmetric	Bi
LED FWHM / FWTM Efficiency	Asymmetric 94 %	50° 500 60°
LED FWHM / FWTM	Asymmetric	9,*
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 94 % 0.8 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity	Asymmetric 94 % 0.8 cd/lm 1	et
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 94 % 0.8 cd/lm 1	27
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 94 % 0.8 cd/lm 1	1000 100 1000 1
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 94 % 0.8 cd/lm 1	139 139 139 139 139 139 139 139



Μ ΝΙCΗΙΛ		90° 90°
LED	NVSxx19B/NVSxx19C	
FWHM / FWTM	Asymmetric	75° 75°
Efficiency	92 %	400
Peak intensity	1 cd/lm	60* 60*
LEDs/each optic	1	
Light colour	White	45* 45*
Required components:		2000
		1230
		1000
		30* 1600 30* 15 ⁵ 0 ⁶ 19*
OSRAM		
LED	PrevaLED Brick HP 2x8	90* 90*
FWHM / FWTM		750 750
Efficiency	Asymmetric 93 %	400
Peak intensity	1.2 cd/lm	.53* 65*
LEDs/each optic	1	30
Light colour	White	45* 45*
Required components:	WING	-45* 45*
Required components.		
		1600
		30* 15 ⁵ 0 ⁶ 15* 30*
OSRAM		THAT FALL
Opto Semiconductors		90* 90*
	Duris S8	75
FWHM / FWTM	Asymmetric	
FWHM / FWTM Efficiency	Asymmetric 94 %	
FWHM / FWTM Efficiency Peak intensity	Asymmetric 94 % 0.8 cd/lm	25
FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 94 % 0.8 cd/lm 1	20°
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 94 % 0.8 cd/lm	25
FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 94 % 0.8 cd/lm 1	20°
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 94 % 0.8 cd/lm 1	20°
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 94 % 0.8 cd/lm 1	20°
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 94 % 0.8 cd/lm 1	20°
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 94 % 0.8 cd/lm 1	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 94 % 0.8 cd/lm 1 White	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: OSRAM Opto Semiconductors LED	Asymmetric 94 % 0.8 cd/lm 1 White OSLON Square CSSRM2/CSSRM3	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Optio Semiconductors LED FWHM / FWTM	Asymmetric 94 % 0.8 cd/lm 1 White OSLON Square CSSRM2/CSSRM3 Asymmetric	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 94 % 0.8 cd/lm 1 White OSLON Square CSSRM2/CSSRM3 Asymmetric 93 %	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity	Asymmetric 94 % 0.8 cd/lm 1 White OSLON Square CSSRM2/CSSRM3 Asymmetric 93 % 1.2 cd/lm	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: OSRAM Optic Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 94 % 0.8 cd/lm 1 White OSLON Square CSSRM2/CSSRM3 Asymmetric 93 % 1.2 cd/lm 1	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 94 % 0.8 cd/lm 1 White OSLON Square CSSRM2/CSSRM3 Asymmetric 93 % 1.2 cd/lm	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 94 % 0.8 cd/lm 1 White OSLON Square CSSRM2/CSSRM3 Asymmetric 93 % 1.2 cd/lm 1	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 94 % 0.8 cd/lm 1 White OSLON Square CSSRM2/CSSRM3 Asymmetric 93 % 1.2 cd/lm 1	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 94 % 0.8 cd/lm 1 White OSLON Square CSSRM2/CSSRM3 Asymmetric 93 % 1.2 cd/lm 1	



SAMSU	NG
LED FWHM / FWTM	LH351B Asymmetric
Efficiency Peak intensity	83 % 0.7 cd/lm 1
LEDs/each optic Light colour Required component	White
Protective p	



PRODUCT DATASHEET C14896_STRADA-2X2-PXL

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.

PRODUCT DATA USER AGREEMENT AND DISCLAIMER:

The measured data in the provided downloadable LEDiL Product Datasheets and Mechanical 2D-Drawings is rounded and provided as reference for planning. LEDiL Oy's optical specifications have been verified by conducting performance testing of the products in accordance with the company's quality system. The reported data are averaged results of multiple measurements with typical variation. LEDiL Oy reserves the right to without prior notification make changes and improvements to its products.

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