

PRODUCT DATASHEET C13936_STRADA-2X2-B2-STP

STRADA-2X2-B2-STP

Beam for area lighting and applications demanding a wide oval beam pattern

SPECIFICATION:

Dimensions	50.0 x 50.0 mm
Height	5.2 mm
Fastening	pin, screw
ROHS compliant	yes 🛈



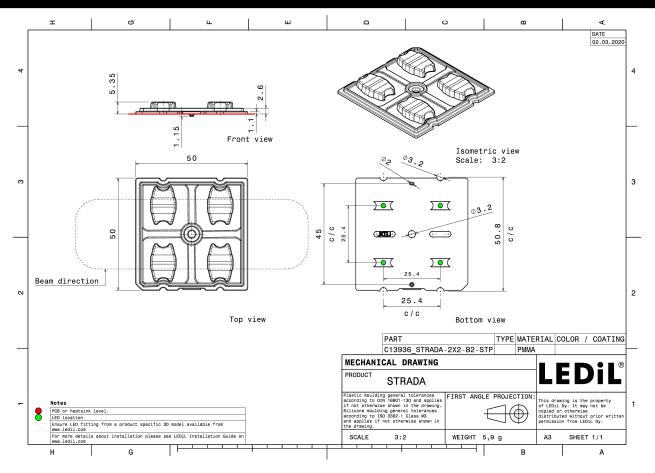
MATERIALS:

Component	Туре	Material	Colour	Finish
STRADA-2X2-B2-STP	Multi-lens	PMMA	clear	

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C13936_STRADA-2X2-B2-STP	800	160	160	5.5
» Box size: 480 x 280 x 300 mm				

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



		<u> </u>	n*
LED	QUICK FLUX XTP 2x4 xxx LS G5		
FWHM / FWTM	118.0 + 45.0° / 152.0 + 105.0°	.75	30 780
Efficiency	94 %		200
Peak intensity	0.6 cd/lm	.60	6°.
LEDs/each optic	1		
Light colour	White		
Required compone		.47	45*
			670
			\checkmark / \land \checkmark
		/36	0° 15° 30°
CODET			
		99	90*
LED	QUICK FLUX XTP 2x6 xxx LS G5	72	ne
FWHM / FWTM	119.0 + 45.0° / 152.0 + 105.0°	~	200
Efficiency	94 %	.60	604
Peak intensity	0.6 cd/lm		
LEDs/each optic	1		400
Light colour	White	4	5* 43*
Required compone	nts:		000
			\sim
		/3<	0° 15 ⁵ 0° 15° 30°
CREE ≑		Γ	
			0*
LED	XP-G2	.*	94
LED FWHM / FWTM	119.0 + 43.0° / 150.0 + 96.0°	.я ,я	9 ² 9 ²
LED FWHM / FWTM Efficiency	119.0 + 43.0° / 150.0 + 96.0° 93 %		9* 9/* 25 - 20 - 20 16*
LED LED FWHM / FWTM Efficiency Peak intensity	119.0 + 43.0° / 150.0 + 96.0° 93 % 0.6 cd/lm	x a	9* 96 96 97 97 97 97 97 97 97 97 97 97 97 97
LEDs LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	119.0 + 43.0° / 150.0 + 96.0° 93 % 0.6 cd/lm 1	x x	9* 9* 9* 9* 0* 6*
LEDs LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	119.0 + 43.0° / 150.0 + 96.0° 93 % 0.6 cd/lm 1 White	ж ж	9* 95 05 05 07
LEDs LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	119.0 + 43.0° / 150.0 + 96.0° 93 % 0.6 cd/lm 1 White	ж ж е	
LEDs LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	119.0 + 43.0° / 150.0 + 96.0° 93 % 0.6 cd/lm 1 White	ж ж .е	
LEDs LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	119.0 + 43.0° / 150.0 + 96.0° 93 % 0.6 cd/lm 1 White	8 2 4	
LEDs LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	119.0 + 43.0° / 150.0 + 96.0° 93 % 0.6 cd/lm 1 White	ж л е х х	
LEDs LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	119.0 + 43.0° / 150.0 + 96.0° 93 % 0.6 cd/lm 1 White	ж ж	
LEDs LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	119.0 + 43.0° / 150.0 + 96.0° 93 % 0.6 cd/lm 1 White nts:	×	
LEDS LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	119.0 + 43.0° / 150.0 + 96.0° 93 % 0.6 cd/lm 1 White nts:		02 02 04 05 05 04 05 04 05 05 05 05 05 05 05 05 05 05 05 05 05
LEDS LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone CREECS LED FWHM / FWTM	119.0 + 43.0° / 150.0 + 96.0° 93 % 0.6 cd/lm 1 White nts: XP-G3 118.0 + 45.0° / 155.0 + 111.0°	8 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	
LEDS LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	119.0 + 43.0° / 150.0 + 96.0° 93 % 0.6 cd/lm 1 White nts: XP-G3 118.0 + 45.0° / 155.0 + 111.0° 94 %		02 02 04 05 05 04 05 04 05 05 05 05 05 05 05 05 05 05 05 05 05
LEDS LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone CREE LED FWHM / FWTM Efficiency Peak intensity	119.0 + 43.0° / 150.0 + 96.0° 93 % 0.6 cd/lm 1 White nts: XP-G3 118.0 + 45.0° / 155.0 + 111.0° 94 % 0.6 cd/lm		02 02 04 05 05 04 05 04 05 05 05 05 05 05 05 05 05 05 05 05 05
LEDS LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone CREE LEDS LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	119.0 + 43.0° / 150.0 + 96.0° 93 % 0.6 cd/lm 1 White nts: XP-G3 118.0 + 45.0° / 155.0 + 111.0° 94 % 0.6 cd/lm 1		02 02 04 05 05 04 05 04 05 05 05 05 05 05 05 05 05 05 05 05 05
LEDS LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone CREE LEDS LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	119.0 + 43.0° / 150.0 + 96.0° 93 % 0.6 cd/lm 1 White nts: XP-G3 118.0 + 45.0° / 155.0 + 111.0° 94 % 0.6 cd/lm 1 White	x x #	02 02 04 05 05 04 05 04 05 05 05 05 05 05 05 05 05 05 05 05 05
LEDS LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone CREE LEDS LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	119.0 + 43.0° / 150.0 + 96.0° 93 % 0.6 cd/lm 1 White nts: XP-G3 118.0 + 45.0° / 155.0 + 111.0° 94 % 0.6 cd/lm 1 White	x x #	
LEDS LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone CREE LEDS LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	119.0 + 43.0° / 150.0 + 96.0° 93 % 0.6 cd/lm 1 White nts: XP-G3 118.0 + 45.0° / 155.0 + 111.0° 94 % 0.6 cd/lm 1 White	x x #	
LEDS LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone CREE LEDS LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	119.0 + 43.0° / 150.0 + 96.0° 93 % 0.6 cd/lm 1 White nts: XP-G3 118.0 + 45.0° / 155.0 + 111.0° 94 % 0.6 cd/lm 1 White	x x #	
LEDS LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone CREE LEDS LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	119.0 + 43.0° / 150.0 + 96.0° 93 % 0.6 cd/lm 1 White nts: XP-G3 118.0 + 45.0° / 155.0 + 111.0° 94 % 0.6 cd/lm 1 White	x x #	



		90* 99*
LED	XP-L HI	
FWHM / FWTM	117.0 + 40.0° / 149.0 + 93.0°	78° 75°
Efficiency	93 %	
Peak intensity	0.6 cd/lm	60 ⁴ 60 ⁴
LEDs/each optic	1	400
Light colour	White	
Required compone		
		600
		X X
		800
		(30° 15° 0° 15°
🖉 LUMIL	.EDS	30, 30,
LED	LUXEON TX	
FWHM / FWTM	117.0 + 43.0° / 148.0 + 98.0°	75°
Efficiency	93 %	200
Peak intensity	0.6 cd/lm	60* 66*
LEDs/each optic	1	400
Light colour	White	45 ⁺ 65 ⁺
Required compone	ents:	600
		000
		30° 12 ⁵ 0° 15° 30°
MST Your solu	tions	90* 99*
LED	RecLED 122x50mm 1900lm 730 2x4 Opt G1	
FWHM / FWTM	Asymmetric	75°
Efficiency	97 %	
Peak intensity	0.6 cd/lm	400
LEDs/each optic	1	
Light colour	White	6
Required compone	ents:	60
		X X
		300
		30* m ³ 0* 0* 30*
ØNICHI/		
		90* 90*
LED	NVSW3x9A	750
FWHM / FWTM	119.0 + 49.0° / 155.0 + 115.0°	
Efficiency	94 %	60 ⁴ 60 ⁴
Peak intensity	0.5 cd/lm	
LEDs/each optic	1	
Light colour	White	66*
Required compone	ans.	
		640
		\times / \setminus \times
		30* 13 ³ 0* 15 ⁺ 30*



ØNICHI		91 ⁺ 91 ⁺
LED	NVSxE21A	
FWHM / FWTM	116.0 + 51.0° / 148.0 + 134.0°	75°
Efficiency	93 %	
-	0.7 cd/lm	60 ⁴ 604
Peak intensity		
LEDs/each optic	1	
Light colour	White	651 650
Required compone	nts:	
		30 ⁴ 35 ² 0 ⁶ 10 ⁴ 30 ⁴
OSRAM	1	90 ⁺
LED	PrevaLED Brick HP 2x8	
FWHM / FWTM	118.0 + 43.0° / 149.0 + 96.0°	730
Efficiency	93 %	200_0
Peak intensity	0.6 cd/lm	504 604
LEDs/each optic	1	
Light colour	White	5°
Required compone		45"
Required compone		600
		\times / \setminus \times
		800
		30° 15° 0° 10° 30°
OSRAM Opto Semiconductors		
Opto Semiconductors	OSLON Square CSSRM2/CSSRM3	90* 90*
FWHM / FWTM	118.0 + 43.0° / 149.0 + 96.0°	739 739
	93 %	
Efficiency		.50* 60*
Peak intensity	0.6 cd/lm	
LEDs/each optic	1 White	
Light colour		6° 6'
Required compone	nis.	640
		\times / \setminus \times
		800
		30* 15 ⁵ 0* 15* 30*
OSRAM Opto Semiconductors		90*
LED	OSLON Square PC	
FWHM / FWTM	120.0 + 48.0° / 154.0 + 106.0°	73.6
Efficiency	94 %	7 - 200 - 27
Peak intensity	0.6 cd/lm	60° 60°
LEDs/each optic	1	
Light colour	White	400 474
Required compone		
		600
		30° 30° 33°



	S	90*
LED	Fortimo FastFlex LED 2x8 DA G4	
FWHM / FWTM	120.0 + 44.0° / 151.0 + 100.0°	23*
Efficiency	94 %	55
Peak intensity	0.6 cd/lm	
LEDs/each optic	1	400
Light colour	White	45*
Required compone	nts:	640
		30* 15 ⁵ 0* 15*
PHILIF	S	
LED	Fortimo FastFlex LED 2x8 DA G4+	
FWHM / FWTM	Asymmetric	730
Efficiency	96 %	200
Peak intensity	0.5 cd/lm	ere / / / /
LEDs/each optic	1	
Light colour	White	45*
Required compone		
		600
		\times
		30* 15 ⁵ 800 15*
PHILIF		
		90*
LED	Fortimo FastFlex LED 2x8 DAX G4	750
FWHM / FWTM	112.0 + 64.0° / 121.0 + 149.0°	
Efficiency	94 %	
LEDs/each optic	1	
	1 White	40
LEDs/each optic Light colour Required compone	White	6°
	White	61°
Light colour	White	40 07 00
Light colour	White	40 60 60
Light colour	White	00
Light colour Required compone	White nts:	00 01
Light colour Required compone	White nts: JNG	00 01
Light colour Required compone	White nts: JNG LH351B	00 01
Light colour Required compone SAMSU LED FWHM / FWTM	White nts: JNG LH351B 118.0 + 46.0° / 152.0 + 109.0°	00° 10° 10° 10° 10° 10° 10° 10° 10° 10°
Light colour Required compone SAMSU LED FWHM / FWTM Efficiency	White nts: JNG LH351B 118.0 + 46.0° / 152.0 + 109.0° 93 %	00° 10° 10°
Light colour Required compone SAMSU LED FWHM / FWTM Efficiency Peak intensity	White nts: JNG LH351B 118.0 + 46.0° / 152.0 + 109.0° 93 % 0.6 cd/lm	00° 10° 10°
Light colour Required compone SAMSU LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	White nts: JNG LH351B 118.0 + 46.0° / 152.0 + 109.0° 93 % 0.6 cd/lm 1	
Light colour Required compone SAMSI LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	White nts: JNG LH351B 118.0 + 46.0° / 152.0 + 109.0° 93 % 0.6 cd/lm 1 White	00° 10° 10°
Light colour Required compone SAMSU LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	White nts: JNG LH351B 118.0 + 46.0° / 152.0 + 109.0° 93 % 0.6 cd/lm 1 White	
Light colour Required compone SAMSI LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	White nts: JNG LH351B 118.0 + 46.0° / 152.0 + 109.0° 93 % 0.6 cd/lm 1 White	
Light colour Required compone SAMSI LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	White nts: JNG LH351B 118.0 + 46.0° / 152.0 + 109.0° 93 % 0.6 cd/lm 1 White	



SAMSI	JNG	201
LED	LH351Z	
FWHM / FWTM	118.0 + 47.0°	721
Efficiency	93 %	
Peak intensity	0.6 cd/lm	60°
LEDs/each optic	1	
Light colour	White	6.
Required compone	nts:	
		00
		\times / / \times
		30*
SEOUL		
SEOUL SEMICONDUCTOR		
LED	Z8Y22	
FWHM / FWTM	116.0 + 55.0° / 151.0 + 152.0°	724
Efficiency	93 %	
Peak intensity	0.6 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required compone	nts:	
		60
		30 ⁴ (p)
SEOUL		
SEOUL SEMICONDUCTOR		804
LED	Z8Y22P	75
FWHM / FWTM	118.0 + 50.0° / 156.0 + 120.0°	
Efficiency	94 %	
Peak intensity	0.6 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required compone	nts:	
		600
		30° 20 20 10°
TOSHIBA		
Leading Innovation »»	TL1L4	5°
LED FWHM / FWTM	1L1L4 116.0 + 45.0° / 149.0 + 102.0°	71
Efficiency	88 %	
Peak intensity	oo % 0.6 cd/lm	505
	0.6 ca/im 1	
LEDeloach antic		
		45*
LEDs/each optic Light colour	White	
		00
Light colour		
Light colour		00



TRIDONIC

LED RI FWHM / FWTM 11 Efficiency 94 Peak intensity 0.4 LEDs/each optic 1 Light colour W Required components:

RLE 2x4 2000lm HP EXC2 OTD 119.0 + 44.0° / 151.0 + 105.0° 94 % 0.6 cd/lm 1 White

TRIDON LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	RLE 2x8 4000lm HP EXC2 OTD 119.0 + 44.0° / 151.0 + 105.0° 94 % 0.6 cd/lm 1 White ents:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	RLE G1 49x121mm 2000lm xxx EXC OTD 121.0 + 48.0° / 154.0 + 113.0° 94 % 0.6 cd/lm 1 White	92" 93" 64" 64" 64" 64" 64" 64" 64" 64
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	RLE G1 49x133mm 2000lm xxx EXC OTD 121.0 + 48.0° / 154.0 + 113.0° 94 % 0.6 cd/lm 1 White	90° 70° 60° 60° 60° 1500 1500 1500 1500 1500 1500 1500 15



TRIDON	NIC	<u>8</u> * <u>8'</u>
LED	RLE G1 49x223mm 4000lm xxx EXC OTD	
FWHM / FWTM	121.0 + 48.0° / 154.0 + 113.0°	72
Efficiency	94 %	
Peak intensity	0.6 cd/lm	60 ⁴
LEDs/each optic	1	
Light colour	White	45°
Required compone	ents:	
		1200
		\times
		30° 5500 30°
	110	<u>134</u> 0 ⁴ 13 ⁵
TRIDON	NIC	90* 90*
LED	RLE G1 49x245mm 4000lm xxx EXC OTD	
FWHM / FWTM	121.0 + 48.0° / 154.0 + 113.0°	782
Efficiency	94 %	
Peak intensity	0.6 cd/lm	50°
LEDs/each optic	1	
Light colour	White	43*
Required compone	ents:	
		1220
		\times



OPTICAL RESULTS (SIMULATED):

CREE ≑		
LEDS		90° 90°
	XP-G2 HE	730 750
FWHM / FWTM	116.0 + 53.0° / 148.0 + 96.5°	
Efficiency	92 %	504 504
Peak intensity	0.6 cd/lm	400
LEDs/each optic	1	
Light colour	White	45* 45*
Required components:		600
		X X
		800
		30* 30*
CREE ≑		
LEDS		90* 90*
LED	XP-G3	756 782
FWHM / FWTM	Asymmetric	200
Efficiency	85 %	50* 60*
Peak intensity	0.6 cd/lm	
LEDs/each optic	1	
Light colour	White	45* 45*
Required components:		000
Protective plate	a diase	
	z, yidos	000
		30° 11° 30°
NCT Your solutions		
MST Your solutions		90° 50°
LED	RecLED 122x50mm 1900lm 730 2x4 Opt G1	99°
LED FWHM / FWTM	112.0 + 45.0° / 138.0 + 93.0°	99°
LED FWHM / FWTM Efficiency	112.0 + 45.0° / 138.0 + 93.0° 88 %	59° 50° 50° 50° 50° 50° 50° 50° 50° 50° 50
LED FWHM / FWTM Efficiency Peak intensity	112.0 + 45.0° / 138.0 + 93.0° 88 % 0.6 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	112.0 + 45.0° / 138.0 + 93.0° 88 % 0.6 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	112.0 + 45.0° / 138.0 + 93.0° 88 % 0.6 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	112.0 + 45.0° / 138.0 + 93.0° 88 % 0.6 cd/lm 1	60 ⁴ 60 ⁴
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	112.0 + 45.0° / 138.0 + 93.0° 88 % 0.6 cd/lm 1 White	60 ⁴ 60 ⁴
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	112.0 + 45.0° / 138.0 + 93.0° 88 % 0.6 cd/lm 1 White	60 ⁴ 60 ⁴
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	112.0 + 45.0° / 138.0 + 93.0° 88 % 0.6 cd/lm 1 White	60 ⁴ 60 ⁴
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Protective plate	112.0 + 45.0° / 138.0 + 93.0° 88 % 0.6 cd/lm 1 White	60 ⁴ 60 ⁴
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Protective plate	112.0 + 45.0° / 138.0 + 93.0° 88 % 0.6 cd/lm 1 White e, glass	60 ⁴ 60 ⁴
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Protective plate	112.0 + 45.0° / 138.0 + 93.0° 88 % 0.6 cd/lm 1 White a, glass NF2x757G	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Protective plate	112.0 + 45.0° / 138.0 + 93.0° 88 % 0.6 cd/lm 1 White e, glass NF2x757G 106.0 + 42.0° / 132.0 + 72.0°	60 ⁴ 60 ⁴
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Protective plate Protective plate ED FWHM / FWTM Efficiency	112.0 + 45.0° / 138.0 + 93.0° 88 % 0.6 cd/lm 1 White e, glass NF2x757G 106.0 + 42.0° / 132.0 + 72.0° 86 %	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Protective plate Protective plate ED FWHM / FWTM Efficiency Peak intensity	112.0 + 45.0° / 138.0 + 93.0° 88 % 0.6 cd/lm 1 White e, glass NF2x757G 106.0 + 42.0° / 132.0 + 72.0° 86 % 0.7 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Protective plate Protective plate ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	112.0 + 45.0° / 138.0 + 93.0° 88 % 0.6 cd/lm 1 White e, glass NF2x757G 106.0 + 42.0° / 132.0 + 72.0° 86 % 0.7 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Protective plate Whom Protective plate FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	112.0 + 45.0° / 138.0 + 93.0° 88 % 0.6 cd/lm 1 White e, glass NF2x757G 106.0 + 42.0° / 132.0 + 72.0° 86 % 0.7 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Protective plate VICHIA LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	112.0 + 45.0° / 138.0 + 93.0° 88 % 0.6 cd/lm 1 White e, glass NF2x757G 106.0 + 42.0° / 132.0 + 72.0° 86 % 0.7 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Protective plate WHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	112.0 + 45.0° / 138.0 + 93.0° 88 % 0.6 cd/lm 1 White e, glass NF2x757G 106.0 + 42.0° / 132.0 + 72.0° 86 % 0.7 cd/lm 1 White	60° 60° 20° 60° 20° 60°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Protective plate White components: Protective plate FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	112.0 + 45.0° / 138.0 + 93.0° 88 % 0.6 cd/lm 1 White e, glass NF2x757G 106.0 + 42.0° / 132.0 + 72.0° 86 % 0.7 cd/lm 1 White	60° 60° 20° 60° 20° 60°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Protective plate Protective plate Pro	112.0 + 45.0° / 138.0 + 93.0° 88 % 0.6 cd/lm 1 White e, glass NF2x757G 106.0 + 42.0° / 132.0 + 72.0° 86 % 0.7 cd/lm 1 White	64 ⁴ 65 ⁴ 65 ⁴ 15 ⁵ 15 ⁵ 10 ⁴ 10



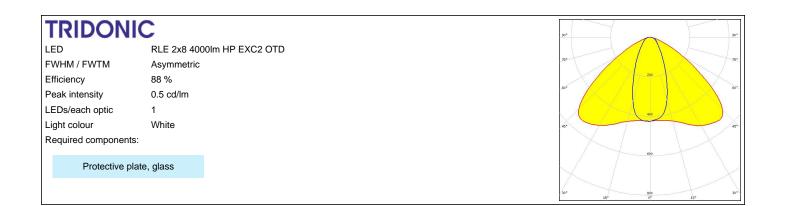
PRODUCT DATASHEET C13936_STRADA-2X2-B2-STP

OPTICAL RESULTS (SIMULATED):

Μ ΝΙCΗΙΛ		90° 90°
LED	NVSxE21A	
FWHM / FWTM	104.0 + 46.0° / 124.0 + 68.0°	73° 200 775°.
Efficiency	87 %	
Peak intensity	0.9 cd/lm	50* 60*
LEDs/each optic	1	
Light colour	White	45*
Required components:		
		\times
Protective plate	e, glass	300
000044		30* <u>1200</u> 30* 30*
OSRAM Opto Semiconductors		90* 90*
LED	OSCONIQ P 3737 (3W version)	
FWHM / FWTM	111.0 + 45.0° / 140.0 + 105.0°	75°
Efficiency	94 %	
Peak intensity	0.6 cd/lm	
LEDs/each optic	1	40
Light colour	White	45* 45
Required components:		
		\times / \times
		20°
OCDAM		13 ⁵ 0 ⁶ 13 ⁶
OSRAM Opto Semiconductors		
		90* 90*
LED	OSLON Square CSSRM2/CSSRM3	90° 90°
LED FWHM / FWTM	OSLON Square CSSRM2/CSSRM3 Asymmetric	20 20
		70° 70°
FWHM / FWTM	Asymmetric	99° 73° 60° 60°
FWHM / FWTM Efficiency	Asymmetric 86 %	9° 6° 6° 6°
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 86 % 0.6 cd/lm	9° 73 6° 6° 6° 6° 6° 6° 6° 6° 6°
FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 86 % 0.6 cd/lm 1	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 86 % 0.6 cd/lm 1 White	19 ² 19
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 86 % 0.6 cd/lm 1 White	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 86 % 0.6 cd/lm 1 White	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Protective plate	Asymmetric 86 % 0.6 cd/lm 1 White	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Protective plate	Asymmetric 86 % 0.6 cd/lm 1 White a, glass	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Protective plate	Asymmetric 86 % 0.6 cd/lm 1 White a, glass OSLON Square CSSRM2/CSSRM3	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Protective plate Optio Semiconductors LED FWHM / FWTM	Asymmetric 86 % 0.6 cd/lm 1 White e, glass OSLON Square CSSRM2/CSSRM3 116.0 + 46.0° / 142.0 + 82.0°	90° 90° 90° 90° 90° 90° 90° 90°
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Protective plate OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency	Asymmetric 86 % 0.6 cd/lm 1 White e, glass OSLON Square CSSRM2/CSSRM3 116.0 + 46.0° / 142.0 + 82.0° 85 %	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Protective plate Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity	Asymmetric 86 % 0.6 cd/lm 1 White e, glass OSLON Square CSSRM2/CSSRM3 116.0 + 46.0° / 142.0 + 82.0° 85 % 0.6 cd/lm	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Protective plate Protective plate Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 86 % 0.6 cd/lm 1 White e, glass OSLON Square CSSRM2/CSSRM3 116.0 + 46.0° / 142.0 + 82.0° 85 % 0.6 cd/lm 1	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Protective plate Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 86 % 0.6 cd/lm 1 White e, glass OSLON Square CSSRM2/CSSRM3 116.0 + 46.0° / 142.0 + 82.0° 85 % 0.6 cd/lm	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Protective plate OSRAM Optic Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 86 % 0.6 cd/lm 1 White e, glass OSLON Square CSSRM2/CSSRM3 116.0 + 46.0° / 142.0 + 82.0° 85 % 0.6 cd/lm 1	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Protective plate Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 86 % 0.6 cd/lm 1 White o, glass OSLON Square CSSRM2/CSSRM3 116.0 + 46.0° / 142.0 + 82.0° 85 % 0.6 cd/lm 1 White	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Protective plate Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 86 % 0.6 cd/lm 1 White o, glass OSLON Square CSSRM2/CSSRM3 116.0 + 46.0° / 142.0 + 82.0° 85 % 0.6 cd/lm 1 White	



OPTICAL RESULTS (SIMULATED):





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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