

## PRODUCT DATASHEET CS15751\_STRADA-2X2MX-8-DWC

## STRADA-2X2MX-8-DWC

Universal road lighting (typically IESNA Type III medium) beam with excellent mixed illuminance and luminance uniformity

### **SPECIFICATION:**

Dimensions	90.0 x 90.0 mm
Height	13.6 mm
Fastening	screw
Ingress protection classes	IP67
ROHS compliant	yes 🛈



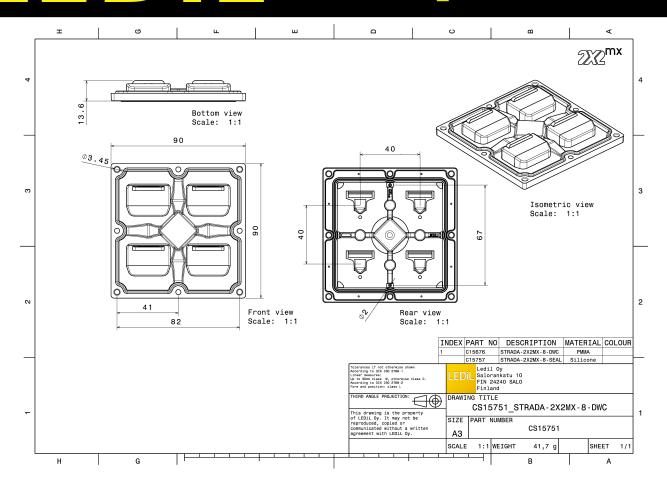
#### **MATERIALS:**

Component	Туре	Material	Colour	Finish
STRADA-2X2MX-8-DWC	Multi-lens	PMMA	clear	
STRADA-2X2MX-8-SEAL	Seal	Silicone	clear	

#### **ORDERING INFORMATION:**

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CS15751_STRADA-2X2MX-8-DWC	Multi-lens	156	52	52	7.5
» Box size: 476 x 273 x 292 mm					

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



### **OPTICAL RESULTS (MEASURED):**

		90*
LED	CXA/B 15xx	9
FWHM / FWTM	Asymmetric	75* 100 75*
Efficiency	94 %	
Peak intensity	0.5 cd/lm	60*
LEDs/each optic	1	
Light colour	White	65
Required compone	nts:	400
Bender Wirth: 44	I1 Typ 2x2MX HV	540
		640 30°
UMIL	EDS	90* 90*
LED	LUXEON M/MX	5100
FWHM / FWTM	Asymmetric	75%
Efficiency	94 %	
Peak intensity	0.6 cd/lm	30 00
LEDs/each optic	1	400
Light colour	White	45* 500 45*
Required compone	nts:	
		600
		740
		30* 200 20* 30*
	FDS	THYVET
		92°
LED	LUXEON XR-7070 (L224-xxxx004MLU010)	55*
LED FWHM / FWTM	LUXEON XR-7070 (L224-xxxx004MLU010) Asymmetric	90° 301 301 000 000 000 000
LED FWHM / FWTM Efficiency	LUXEON XR-7070 (L224-xxxx004MLU010) Asymmetric 97 %	
LED FWHM / FWTM Efficiency Peak intensity	LUXEON XR-7070 (L224-xxxx004MLU010) Asymmetric 97 % 0.6 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LUXEON XR-7070 (L224-xxxx004MLU010) Asymmetric 97 % 0.6 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON XR-7070 (L224-xxxx004MLU010) Asymmetric 97 % 0.6 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LUXEON XR-7070 (L224-xxxx004MLU010) Asymmetric 97 % 0.6 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON XR-7070 (L224-xxxx004MLU010) Asymmetric 97 % 0.6 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON XR-7070 (L224-xxxx004MLU010) Asymmetric 97 % 0.6 cd/lm 1 White	50° 50° 50° 50° 50° 50° 50° 50° 50° 50°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LUXEON XR-7070 (L224-xxxx004MLU010) Asymmetric 97 % 0.6 cd/lm 1 White nts:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LUXEON XR-7070 (L224-xxxx004MLU010) Asymmetric 97 % 0.6 cd/lm 1 White nts:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LUXEON XR-7070 (L224-xxxx004MLU010) Asymmetric 97 % 0.6 cd/lm 1 White Ints:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LUXEON XR-7070 (L224-xxxx004MLU010) Asymmetric 97 % 0.6 cd/lm 1 White Its:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LUXEON XR-7070 (L224-xxxx004MLU010) Asymmetric 97 % 0.6 cd/lm 1 White nts:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone <b>SAMSU</b> LED FWHM / FWTM Efficiency	LUXEON XR-7070 (L224-xxxx004MLU010) Asymmetric 97 % 0.6 cd/lm 1 White Ints:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone SAMSU LED FWHM / FWTM Efficiency Peak intensity	LUXEON XR-7070 (L224-xxxx004MLU010) Asymmetric 97 % 0.6 cd/lm 1 White nts:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone SANSU LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LUXEON XR-7070 (L224-xxxx004MLU010) Asymmetric 97 % 0.6 cd/lm 1 White Ints:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone SAMSU LED FWHM / FWTM Efficiency Peak intensity	LUXEON XR-7070 (L224-xxxx004MLU010) Asymmetric 97 % 0.6 cd/lm 1 White nts:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone SAMSU LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON XR-7070 (L224-xxxx004MLU010) Asymmetric 97 % 0.6 cd/lm 1 White nts:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone SAMSU LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON XR-7070 (L224-xxxx004MLU010) Asymmetric 97 % 0.6 cd/lm 1 White nts:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone SAMSU LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON XR-7070 (L224-xxxx004MLU010) Asymmetric 97 % 0.6 cd/lm 1 White nts:	99° 9° 73° 0° 60° 0°



### **OPTICAL RESULTS (MEASURED):**

SCIO		
		90° 90°
LED FWHM / FWTM	XLE-S22C4XD16 (XD16)	.75° / / / / / / / / / / / / / / / / / / /
	Asymmetric	
Efficiency	94 %	.60%
Peak intensity	0.7 cd/lm	X/TXX
LEDs/each optic	4	X X eee
Light colour Required componer	White	·6'
Required component	15.	
		$\times$
		1000
		30° 13° 0° 15° 30°
SCIO		
		90* 90*
LED	XLE-S22C4XTEHE (XT-E HE)	
FWHM / FWTM	Asymmetric	
Efficiency	94 %	50° 200 60°.
Peak intensity	0.5 cd/lm	
LEDs/each optic	1	X 30 X
Light colour	White	451 434
Required componer	ts:	400
		30* 15 <sup>2</sup> 600 15* 30*
SEOUL		
SEOUL SEMICONDUCTOR		90* 90*
LED	WICOP 5050	4100
FWHM / FWTM	Asymmetric	
Efficiency	97 %	gys
Peak intensity	0.6 cd/lm	30
LEDs/each optic	1	400
Light colour	White	65° 500 63°
Required component	ts:	
		000
		00
		70
		50° 70° 30° 12° 0° 13°
		00 70 90 90 90 90 90 90 90 90 90 90 90 90 90
SEOUL SEMICONDUCTOR		50° 50° 50° 50° 50° 50° 50° 50° 50° 50°
SEOUL SEMICONDUCTOR	Z8Y22	90 70 90 90 90 90 90 90 90 90 90 90 90 90 90
seoul semiconductor LED FWHM / FWTM	Asymmetric	90°
seoul semiconductor LED FWHM / FWTM Efficiency	Asymmetric 94 %	90°
SEOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity	Asymmetric 94 % 0.7 cd/lm	90° 90° 10° 90°
stoul semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 94 % 0.7 cd/lm 4	90° 90° 10° 90°
stour semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 94 % 0.7 cd/lm 4 White	90° 90° 10° 90°
stoul semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 94 % 0.7 cd/lm 4 White	50°
stour semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 94 % 0.7 cd/lm 4 White	
stour semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 94 % 0.7 cd/lm 4 White	50° 10° 10° 10° 10° 10° 10° 10° 10° 10° 1
stour semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 94 % 0.7 cd/lm 4 White	50° 10° 10° 10° 10° 10° 10° 10° 10° 10° 1



bridgelux. LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Bridgelux SMD 5050 Asymmetric 94 % 0.5 cd/lm 1 White	20° 00° 00° 00° 0° 00° 00° 0° 00° 00° 0° 0° 0°
CITTIZEN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Bender Wirth: 434 Ty	CLU700/701/702/703 Asymmetric 92 % 0.6 cd/lm 1 White p 2x2MX HV	
CREE LED LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	MHB-A/B Asymmetric 95 % 0.4 cd/lm 1 White	
CREE LED LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	MHD-E/G Asymmetric 95 % 0.4 cd/lm 1 White	



		90°
LED	XHP50	2
FWHM / FWTM	Asymmetric	73°
Efficiency	94 %	
Peak intensity	0.5 cd/lm	
LEDs/each optic	1	
Light colour	White	400 400
Required components:		500
		700
		30* 15 <sup>5</sup> 880 15* 30*
		80°
LED	XHP50.2	2
FWHM / FWTM	Asymmetric	.75
Efficiency	93 %	
Peak intensity	0.5 cd/lm	60* 60*
LEDs/each optic	1	
Light colour	White	45* 400 45*.
Required components:		
		600
		770
		15 <sup>5</sup> 0 <sup>4</sup> 15 <sup>5</sup>
		90° 90°
LED	XHP70.2	9
FWHM / FWTM	Asymmetric	73°
Efficiency		
LINCICIUS	93 %	
Peak intensity	93 % 0.4 cd/lm	6)* 6)*
		61 67
Peak intensity	0.4 cd/lm	61° 67'
Peak intensity LEDs/each optic	0.4 cd/lm 1	61 <sup>4</sup> 50 67.
Peak intensity LEDs/each optic Light colour	0.4 cd/lm 1	6° 67 -0° 69
Peak intensity LEDs/each optic Light colour	0.4 cd/lm 1	6° 67 60 67
Peak intensity LEDs/each optic Light colour	0.4 cd/lm 1	40 50 50
Peak intensity LEDs/each optic Light colour Required components:	0.4 cd/lm 1	61 <sup>4</sup> 50 <sup>4</sup> 50 <sup>4</sup> 50 50 50 50 50 50 50 50 50 50
Peak intensity LEDs/each optic Light colour	0.4 cd/lm 1	40 50 50
Peak intensity LEDs/each optic Light colour Required components:	0.4 cd/lm 1	40 50 50
Peak intensity LEDs/each optic Light colour Required components:	0.4 cd/lm 1 White	40 50 50
Peak intensity LEDs/each optic Light colour Required components:	0.4 cd/lm 1 White XHP70.3 HD	500 500 500 500 500 500 500 500 500 500
Peak intensity LEDs/each optic Light colour Required components:	0.4 cd/lm 1 White XHP70.3 HD Asymmetric	500 500 500 500 500 500 500 500 500 500
Peak intensity LEDs/each optic Light colour Required components:	0.4 cd/m 1 White XHP70.3 HD Asymmetric 93 %	500 500 500 500 500 500 500 500 500 500
Peak intensity LEDs/each optic Light colour Required components:	0.4 cd/lm 1 White XHP70.3 HD Asymmetric 93 % 0.4 cd/lm	500 500 500 500 500 500 500 500 500 500
Peak intensity LEDs/each optic Light colour Required components:	0.4 cd/lm 1 White XHP70.3 HD Asymmetric 93 % 0.4 cd/lm 1	90° 10° 10° 10° 10° 10° 10° 10° 1
Peak intensity LEDs/each optic Light colour Required components:	0.4 cd/lm 1 White XHP70.3 HD Asymmetric 93 % 0.4 cd/lm 1	90° 10° 10° 10° 10° 10° 10° 10° 1
Peak intensity LEDs/each optic Light colour Required components:	0.4 cd/lm 1 White XHP70.3 HD Asymmetric 93 % 0.4 cd/lm 1	90° 10° 10° 10° 10° 10° 10° 10° 1
Peak intensity LEDs/each optic Light colour Required components:	0.4 cd/lm 1 White XHP70.3 HD Asymmetric 93 % 0.4 cd/lm 1	90° 10° 10° 10° 10° 10° 10° 10° 1



LED	XT-E	2
FWHM / FWTM	Asymmetric	and the second second
Efficiency	94 %	
	0.6 cd/lm	50* 60*
Peak intensity		
LEDs/each optic	1	
Light colour	White	45* 600 45*
Required components:		
		800
		1000 30* 30*
		90* 90*
LED	LUXEON 5050 Round LES	400
FWHM / FWTM	Asymmetric	
Efficiency	94 %	
Peak intensity	0.6 cd/lm	
LEDs/each optic	1	40
Light colour	White	45* 500 45*
Required components:		
		710
	5	90* 90*
LED	LUXEON 7070	100
FWHM / FWTM	Asymmetric	73°
Efficiency	94 %	- Aller
Peak intensity		60*
	0.6 cd/lm	
LEDs/each optic	0.6 cd/lm 1	
LEDs/each optic Light colour		er 50 67
	1	6° 20 8°
Light colour	1	67 <u>70</u> 87
Light colour	1	.e. .e. .e.
Light colour	1	51 50 70 70 80
Light colour Required components:	1	40° 40° 70° 30° 30° 40° 70° 80° 70° 80° 70° 80° 70° 80° 70° 80° 70° 80° 80° 80° 80° 80° 80° 80° 8
Light colour Required components:	1	9° 500 6° 200 700 700 700 30° 500 6° 700 700 700 30° 500 700 700 700 700 30° 500 700 700 700 700 700 700 700 700 700
Light colour Required components:	1 White	9°
Light colour Required components:	1 White NF2x757G	60° 500 60° 90° 500 90° 90° 500 90° 90° 50° 50° 90° 50° 90° 50° 50° 90° 50° 9
Light colour Required components:	1 White NF2x757G Asymmetric	40° 40° 40° 40° 40° 40° 40° 40°
Light colour Required components:	1 White NF2x757G Asymmetric 95 %	50° 500 60° 50° 50° 60° 50° 70° 50°
Light colour Required components:	1 White NF2x757G Asymmetric 95 % 0.5 cd/lm	
Light colour Required components:	1 White NF2x757G Asymmetric 95 % 0.5 cd/lm 4	
Light colour Required components:	1 White NF2x757G Asymmetric 95 % 0.5 cd/lm	
Light colour Required components:	1 White NF2x757G Asymmetric 95 % 0.5 cd/lm 4	
Light colour Required components:	1 White NF2x757G Asymmetric 95 % 0.5 cd/lm 4	
Light colour Required components:	1 White NF2x757G Asymmetric 95 % 0.5 cd/lm 4	



<b>ΜΝΙCΗΙΛ</b>		
LED	NFMW48xA	90° 90°
FWHM / FWTM	Asymmetric	100 770
Efficiency	94 %	h h h
Peak intensity	0.5 cd/lm	-66 <sup>+</sup>
LEDs/each optic	1 White	40
Light colour	white	45* 500 45*
Required components:		640
		700
		30* 13 <sup>5</sup> 0 <sup>6</sup> 15 <sup>+</sup> 36 <sup>+</sup>
<b>Μ</b> ΝΙCΗΙΛ		I TAYYAH I
LED	NV4WB35AM	90° - 90°
ED FWHM / FWTM	Asymmetric	100 700
Efficiency	95 %	the second second
Peak intensity	0.6 cd/lm	60* 200 60*
LEDs/each optic	1	
Light colour	White	
Required components:	WINC	
required components.		60
		700
		300
		30° 13 <sup>5</sup> 30° 15° 30°
<b>ΜΝΙCΗΙΛ</b>		90* 90*
LED	NV4x144A	
FWHM / FWTM	Asymmetric	13%
Efficiency	93 %	
Peak intensity		50 <sup>4</sup> X 50 <sup>4</sup>
. can interiory	0.4 cd/lm	
LEDs/each optic	0.4 cd/lm 1	
		an
LEDs/each optic	1	er <u>en</u> er
LEDs/each optic Light colour	1	e <sup>n</sup> <u>60</u> e <sup>n</sup>
LEDs/each optic Light colour	1	e <sup>1</sup> 60 6 <sup>1</sup>
LEDs/each optic Light colour	1	40° 400 40°
LEDs/each optic Light colour Required components:	1	
LEDs/each optic Light colour Required components:	1 White	300 40 <sup>°</sup> 20 <sup>0</sup> 20 <sup>°</sup> 20 <sup>°</sup> 20 <sup>°</sup>
LEDs/each optic Light colour Required components:	1 White NVSxE21A	30 40 50 50 50 50 50 50 50 50 50 5
LEDs/each optic Light colour Required components:	1 White NVSxE21A Asymmetric	200 200 200 200 200 200 200 200
LEDs/each optic Light colour Required components:	1 White NVSxE21A Asymmetric 95 %	
LEDs/each optic Light colour Required components:	1 White NVSxE21A Asymmetric 95 % 0.6 cd/m	200 200 200 200 200 200 200 200
LEDs/each optic Light colour Required components:	1 White NVSxE21A Asymmetric 95 % 0.6 cd/lm 4	
LEDs/each optic Light colour Required components:	1 White NVSxE21A Asymmetric 95 % 0.6 cd/m	
LEDs/each optic Light colour Required components:	1 White NVSxE21A Asymmetric 95 % 0.6 cd/lm 4	
LEDs/each optic Light colour Required components:	1 White NVSxE21A Asymmetric 95 % 0.6 cd/lm 4	
LEDs/each optic Light colour Required components:	1 White NVSxE21A Asymmetric 95 % 0.6 cd/lm 4	



<b>Μ</b> ΝΙCΗΙΛ		90* 90*
LED	NVSxE21A	3
FWHM / FWTM	Asymmetric	75°
Efficiency	95 %	$\lambda$
Peak intensity	0.5 cd/lm	60° 60°.
LEDs/each optic	9	X
Light colour	White	$\times \times / \land \times \times$
Required components:	WIIG	400 40*
Required components.		500
		600
		30* 13 <sup>5</sup> 9 <sup>6</sup> 30*
<b>Ø</b> ΝΙCΗΙΛ		50* 50*
LED	NVSxE21A	
FWHM / FWTM	Asymmetric	75°
Efficiency	94 %	Tamp -
Peak intensity	0.6 cd/lm	50 <sup>4</sup> 50*
LEDs/each optic	4	
Light colour	White	400 45°
Required components:		540
		660
		710
		30* 30*
		15° 0° 15°
OSRAM Oth Samicarductors		
Opto Semiconductors	Duris S10	99* 99* <u>19</u> *
Opto Semiconductors	Duris S10 Asymmetric	22 <sup>2</sup> 0 <sup>4</sup> <u>10</u> 90 <sup>4</sup> 90 <sup>4</sup> 73 <sup>6</sup> 200 90 <sup>4</sup>
Opto Semiconductors LED FWHM / FWTM	Asymmetric	25 <sup>2</sup> 0 <sup>4</sup> 25 <sup>2</sup>
opto Semiconductors LED FWHM / FWTM Efficiency	Asymmetric 94 %	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity	Asymmetric 94 % 0.5 cd/lm	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 94 % 0.5 cd/lm 1	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 94 % 0.5 cd/lm	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 94 % 0.5 cd/lm 1	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 94 % 0.5 cd/lm 1	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 94 % 0.5 cd/lm 1	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 94 % 0.5 cd/lm 1	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 94 % 0.5 cd/lm 1	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDS/each optic Light colour Required components:	Asymmetric 94 % 0.5 cd/lm 1 White	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: OSRAM Opto Semiconductors LED	Asymmetric 94 % 0.5 cd/lm 1 White	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: OSRAM Opto Semiconductors LED FWHM / FWTM	Asymmetric 94 % 0.5 cd/lm 1 White Duris S8 Asymmetric	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency	Asymmetric 94 % 0.5 cd/lm 1 White Duris S8 Asymmetric 95 %	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity	Asymmetric 94 % 0.5 cd/lm 1 White Duris S8 Asymmetric	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDS/each optic Light colour Required components: OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 94 % 0.5 cd/lm 1 White Duris S8 Asymmetric 95 % 0.5 cd/lm 1	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 94 % 0.5 cd/lm 1 White Duris S8 Asymmetric 95 % 0.5 cd/lm	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 94 % 0.5 cd/lm 1 White Duris S8 Asymmetric 95 % 0.5 cd/lm 1	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 94 % 0.5 cd/lm 1 White Duris S8 Asymmetric 95 % 0.5 cd/lm 1	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 94 % 0.5 cd/lm 1 White Duris S8 Asymmetric 95 % 0.5 cd/lm 1	



OSRAM		
Opto Semiconductors LED	OSCONIQ C 2424	90° 94°
FWHM / FWTM		750 200 750
Efficiency	Asymmetric 95 %	2 mp
Peak intensity	95 % 0.6 cd/lm	60* 60*
LEDs/each optic	4	
Light colour	4 White	400
Required components:	Wille	45* 65*
		60
		710
		30° 13 <sup>5</sup> 0° 15° 30°
OSRAM Opto Semiconductors		
LED	OSCONIQ P 7070	
FWHM / FWTM	Asymmetric	730 700 700
Efficiency	94 %	have my
Peak intensity	0.5 cd/lm	60° 60°.
LEDs/each optic	1	
Light colour	White	45* 400 45*
Required components:		
		200
		600
		30 <sup>4</sup> 13 <sup>5</sup> 0 <sup>6</sup> 15 <sup>4</sup>
OSRAM Opto Semiconductors		20*
LED		
	USLON Square CSSRM2/CSSRM3	
	OSLON Square CSSRM2/CSSRM3 Asymmetric	73% 200 78*.
FWHM / FWTM	Asymmetric 95 %	20 20 75
FWHM / FWTM Efficiency	Asymmetric	20
FWHM / FWTM Efficiency Peak intensity	Asymmetric 95 %	20
FWHM / FWTM Efficiency	Asymmetric 95 % 0.5 cd/lm	20 <sup>4</sup> 200 70. 60 <sup>4</sup> 200 60. 40 <sup>4</sup> 60.
FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 95 % 0.5 cd/lm 4	60" 60"
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 95 % 0.5 cd/lm 4	60" 60"
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 95 % 0.5 cd/lm 4	60" 60"
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 95 % 0.5 cd/lm 4	60" 60"
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 95 % 0.5 cd/lm 4 White	60" 60"
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 95 % 0.5 cd/lm 4 White	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 95 % 0.5 cd/lm 4 White	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: <b>SAMSUN</b> LED	Asymmetric 95 % 0.5 cd/lm 4 White	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: <b>SAMSUN</b> LED FWHM / FWTM	Asymmetric 95 % 0.5 cd/lm 4 White	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: <b>SAMSUN</b> LED FWHM / FWTM Efficiency	Asymmetric 95 % 0.5 cd/lm 4 White IH181B Asymmetric 95 %	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: <b>SAMSUN</b> LED FWHM / FWTM Efficiency Peak intensity	Asymmetric 95 % 0.5 cd/lm 4 White G LH181B Asymmetric	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: <b>SAMSUN</b> LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 95 % 0.5 cd/lm 4 White C LH181B Asymmetric 95 % 0.6 cd/lm	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: <b>SAMSSUN</b> LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 95 % 0.5 cd/lm 4 White Uhite LH181B Asymmetric 95 % 0.6 cd/lm 1	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: <b>SAMSUN</b> LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 95 % 0.5 cd/lm 4 White Uhite LH181B Asymmetric 95 % 0.6 cd/lm 1	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: <b>SAMSSUN</b> LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 95 % 0.5 cd/lm 4 White Uhite LH181B Asymmetric 95 % 0.6 cd/lm 1	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: <b>SAMSSUN</b> LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 95 % 0.5 cd/lm 4 White Uhite LH181B Asymmetric 95 % 0.6 cd/lm 1	



# PRODUCT DATASHEET CS15751\_STRADA-2X2MX-8-DWC

SEOUL SEOUL SEMICONDUCTOR		90°
LED	Z8Y19	
FWHM / FWTM	Asymmetric	75°
Efficiency	93 %	
Peak intensity	0.7 cd/lm	.50°
LEDs/each optic	4	$X/T \setminus X$
Light colour	White	45* 560 45*
Required components:		
		800
		$\times$ / T / X
		30* 13 <sup>5</sup> 100° 13* 30*
SEOUL		
SEOUL SEMICONDUCTOR		89.
seoul semiconductor LED	Z8Y50P	5
seoul semiconductor LED FWHM / FWTM	Asymmetric	94 75 200 75 75
seoul semiconductor LED FWHM / FWTM Efficiency	Asymmetric 94 %	5
seoul semiconductor LED FWHM / FWTM Efficiency Peak intensity	Asymmetric	5
seoul semiconductor LED FWHM / FWTM Efficiency	Asymmetric 94 %	5
SEOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 94 % 0.6 cd/lm	73
seoul semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 94 % 0.6 cd/lm 1	73° 73°. 64° 66°.
SEOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 94 % 0.6 cd/lm 1	73
SEOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 94 % 0.6 cd/lm 1	73
seoul semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 94 % 0.6 cd/lm 1	73



#### **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.

Due to use of high power COB's with this product, special attention to proper thermal design is highly recommended. LEDiL has no liability for direct, indirect or consecutive damages arising from the LEDiL products being used outside of the recommended temperature range.

#### **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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