

# PRODUCT DATASHEET C16119\_STRADA-2X2CSP-SCL

## STRADA-2X2CSP-SCL

Type II/III (long) beam for very wide pole to pole distances. Ideal for pedestrian walkways and residential roads. (EN13201 P-classes)

### **SPECIFICATION:**

Dimensions Height Fastening ROHS compliant 50.0 x 50.0 mm 6.4 mm glue, pin, screw yes ①



### **MATERIALS:**

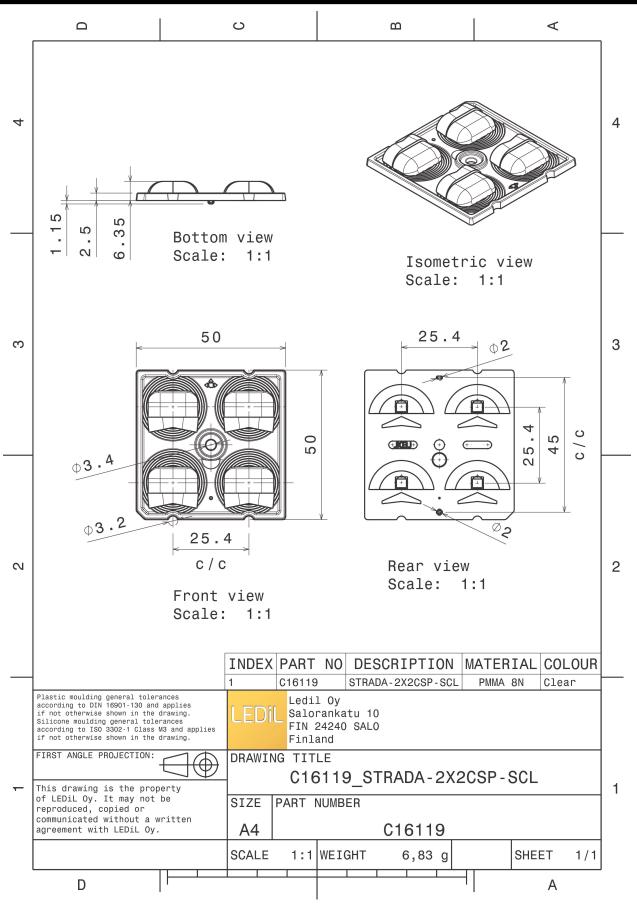
Component	Туре	Material	Colour	Finish
STRADA-2X2CSP-SCL	Multi-lens	PMMA	clear	

### **ORDERING INFORMATION:**

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C16119_STRADA-2X2CSP-SCL	800	160	160	6.3
» Box size: 476 x 273 x 292 mm				



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



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

<b>ØNICHIA</b>		
LED	NVSxE21A	
FWHM / FWTM	Asymmetric	736 400 78
Efficiency	94 %	
Peak intensity	94 /0 1.5 cd/lm	50* 600 60*
LEDs/each optic	1	X 1000 X X
Light colour	White	45* 1200 45*
Required componer	nts:	1400
		1600
		1800
		30* 2000 30* 15 <sup>5</sup> 0 <sup>4</sup> 15* 30*
SEOUL		
SEOUL SEMICONDUCTOR		90* 90*
LED	2x8 Y22 module - SMJD-4830016L-XXN1	
FWHM / FWTM	Asymmetric	730 730
Efficiency	94 %	400
Peak intensity	1.1 cd/lm	60° 60°
LEDs/each optic	1	
Light colour	White	45° 000
Required componer	nts:	1000
		1200
		1490
		30* 13 <sup>5</sup> 15 <sup>6</sup> 30 <sup>4</sup>
SEOUL		
SEOUL SEMICONDUCTOR	SM IO D26W/12My	90°
SEOUL SEMICONDUCTOR	SMJQ-D36W12Mx	30
seoul semiconductor LED FWHM / FWTM	Asymmetric	50° 73° 700 797 797 797 797
seoul semiconductor LED FWHM / FWTM Efficiency	Asymmetric 94 %	50° 72° 73° 450 60°
seoul semiconductor LED FWHM / FWTM Efficiency Peak intensity	Asymmetric 94 % 1.1 cd/lm	
stoul semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 94 % 1.1 cd/lm 1	60 <sup>-</sup> 500 607
SEOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 94 % 1.1 cd/lm 1 White	
SEOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 94 % 1.1 cd/lm 1 White	6° 60 60 5° 100
stour semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 94 % 1.1 cd/lm 1 White	60° 607
stour semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 94 % 1.1 cd/lm 1 White	6° 60 60 5° 100
stoul semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 94 % 1.1 cd/lm 1 White	64 <sup>-</sup> 609 65 <sup>-</sup>
stour semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componen	Asymmetric 94 % 1.1 cd/lm 1 White	
stour semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 94 % 1.1 cd/lm 1 White nts:	
stour semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component	Asymmetric 94 % 1.1 cd/lm 1 White Ints: Z8Y19	
SEOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componen SEOUL SEMICONDUCTOR	Asymmetric 94 % 1.1 cd/lm 1 White nts:	
stour semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componen stour semiconductor LED	Asymmetric 94 % 1.1 cd/lm 1 White Ints: Z8Y19	
stout semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component stout semiconductor LED FWHM / FWTM	Asymmetric 94 % 1.1 cd/lm 1 White Ints: Z8Y19 Asymmetric	
stour semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component stour semiconductor LED FWHM / FWTM Efficiency	Asymmetric 94 % 1.1 cd/lm 1 White nts: Z8Y19 Asymmetric 94 %	
stour semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component stour semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 94 % 1.1 cd/lm 1 White nts: Z8Y19 Asymmetric 94 % 1.4 cd/lm	
stoul semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component stoul semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 94 % 1.1 cd/lm 1 White nts: Z8Y19 Asymmetric 94 % 1.4 cd/lm 1 White	
stour semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component stour semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 94 % 1.1 cd/lm 1 White nts: Z8Y19 Asymmetric 94 % 1.4 cd/lm 1 White	
stour semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component stour semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 94 % 1.1 cd/lm 1 White nts: Z8Y19 Asymmetric 94 % 1.4 cd/lm 1 White	
stoul semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component stoul semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 94 % 1.1 cd/lm 1 White nts: Z8Y19 Asymmetric 94 % 1.4 cd/lm 1 White	



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

LED Z8Y22 FWHM / FWTM Asymmetric Efficiency 94 % Peak intensity 1.1 cd/lm LEDs/each optic 1 Light colour White Required components:	SEOUL			
FWHM / FWTM Asymmetric Efficiency 94 % Peak intensity 1.1 cd/lm LEDs/each optic 1 Light colour White Required components:	LED	Z8Y22		
Peak intensity 1.1 cd/lm LEDs/each optic 1 Light colour White Required components:	FWHM / FWTM	Asymmetric		73
Peak intensity 1.1 cd/lm LEDs/each optic 1 Light colour White Required components:	Efficiency	94 %	and the second se	
LEDs/each optic 1 Light colour White Required components:	Peak intensity	1.1 cd/lm		
Light colour White Required components:	LEDs/each optic	1		
	_ight colour	White		45* 800
	Required compone	ents:		1000
				1200
2402				1490



### **OPTICAL RESULTS (SIMULATED):**

<b>A</b>		
UMILEC	)5	90* 90
LED	LUXEON HL2Z	
FWHM / FWTM	Asymmetric	
Efficiency	93 %	
Peak intensity	1.1 cd/lm	60 60
LEDs/each optic	1	800
Light colour	White	45° 3000 65'
Required components:		1200
		1490
		1600
		30* 15 <sup>0</sup> 4 <sup>0</sup> / <sub>2</sub> 5 <sup>3</sup> 30*
	)S	
LED	LUXEON HL2Z	80*
EED FWHM / FWTM	Asymmetric	73° 75°
Efficiency	73 %	
Peak intensity	0.6 cd/lm	50 <sup>4</sup> 300 60 <sup>4</sup>
LEDs/each optic	1	
Light colour	White	45* 200 45*
Required components:		
		700
Protective plate	e, glass	800
		30* 20
<b>ΜΝΙCΗΙΛ</b>		
	NV/SxE21A	107
LED	NVSxE21A Asymmetric	
LED FWHM / FWTM	NVSxE21A Asymmetric 86 %	175
LED	Asymmetric	
LED FWHM / FWTM Efficiency	Asymmetric 86 %	
LED FWHM / FWTM Efficiency Peak intensity	Asymmetric 86 % 0.9 cd/lm	5°. 60 60 7°. 7°. 60 60 60 60 60 60 60 60 60 60 60 60 60
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 86 % 0.9 cd/lm 1	00 <sup>4</sup> 00 00
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 86 % 0.9 cd/lm 1 White	00 00 00 00 00 00 00 00 00 00 00 00 00
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 86 % 0.9 cd/lm 1 White	00 00 00 00 00 00 00 00 00 00 00 00 00
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 86 % 0.9 cd/lm 1 White	60° 60° 60°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Protective plate	Asymmetric 86 % 0.9 cd/lm 1 White	00 60 60 60 60 60 60 60 60 60 60 60 60 6
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Protective plate	Asymmetric 86 % 0.9 cd/lm 1 White a, glass	60° 600 60° 60° 600 60° 1000 60° 1200 60° 1200 60°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Protective plate	Asymmetric 86 % 0.9 cd/lm 1 White a, glass OSLON PURE 1010	60° 600 60° 60° 600 60° 1000 60° 1200 60° 1200 60°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Protective plate Opto Semiconductors LED FWHM / FWTM	Asymmetric 86 % 0.9 cd/lm 1 White a, glass	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Protective plate OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency	Asymmetric 86 % 0.9 cd/lm 1 White e, glass OSLON PURE 1010 Asymmetric	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Protective plate Protective plate OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity	Asymmetric 86 % 0.9 cd/lm 1 White e, glass OSLON PURE 1010 Asymmetric 88 %	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Protective plate	Asymmetric 86 % 0.9 cd/lm 1 White e, glass OSLON PURE 1010 Asymmetric 88 % 1.3 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Protective plate OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 86 % 0.9 cd/lm 1 White e, glass OSLON PURE 1010 Asymmetric 88 % 1.3 cd/lm 1	
LED 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 % 0.9 cd/lm 1 White e, glass OSLON PURE 1010 Asymmetric 88 % 1.3 cd/lm 1	
LED 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 % 0.9 cd/lm 1 White e, glass OSLON PURE 1010 Asymmetric 88 % 1.3 cd/lm 1	
LED 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 % 0.9 cd/lm 1 White e, glass OSLON PURE 1010 Asymmetric 88 % 1.3 cd/lm 1	



### **OPTICAL RESULTS (SIMULATED):**

SAMSUN	IG	INY KHI
LED	LH181A	19 <sup>-</sup>
FWHM / FWTM	Asymmetric	735
Efficiency	87 %	
Peak intensity	0.9 cd/lm	664
LEDs/each optic	1	
Light colour	White	45* 000
Required components:		1000
		1200
		1450
SAMSU	IG	13 <sup>2</sup> 0 <sup>4</sup> 13 <sup>4</sup>
		904 9
	LH181B	750
FWHM / FWTM	Asymmetric 94 %	400
Efficiency Peak intensity	94 % 0.9 cd/lm	50* 60
LEDs/each optic	1	
Light colour	White	45 <sup>1</sup> 80
Required components:	White	1000
		1290
		1490
		30° 15° 0° 15° 30'
SAMSU	IG	90* 90
LED	LH181B	
FWHM / FWTM	Asymmetric	78*
Efficiency	84 %	
Peak intensity	0.5 cd/lm	60* 30 60
LEDs/each optic	1	400
Light colour	White	45* 540 45
Required components:		000
		740
Protective plat	e, glass	X - 000
		30° 15° 80 10° 30
SEOUL		
SEOUL SEMICONDUCTOR	79\/00	90* 90'
	Z8Y22	
	Asymmetric	
FWHM / FWTM	Asymmetric 62 %	
FWHM / FWTM Efficiency	62 %	
FWHM / FWTM Efficiency Peak intensity	62 % 0.4 cd/lm	200 × 200 ×
FWHM / FWTM Efficiency Peak intensity LEDs/each optic	62 % 0.4 cd/lm 1	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	62 % 0.4 cd/lm	60° 60° 60° 60° 60° 60° 60° 60° 60° 60°
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	62 % 0.4 cd/lm 1 White	61 <sup>4</sup> 20 67 20 69
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	62 % 0.4 cd/lm 1 White	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	62 % 0.4 cd/lm 1 White	



### **OPTICAL RESULTS (SIMULATED):**

SEOUL SEMICONDUCTOR		N2 N2
LED	Z8Y22T	
FWHM / FWTM	Asymmetric	
Efficiency	91 %	40
Peak intensity	0.8 cd/lm	60 <sup>4</sup>
LEDs/each optic	1	
Light colour	White	iti 000 iti
Required component	6:	2020
		1270
		30° 100 0° 10° 80°



#### **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:

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