

## STRADA-2X2-5050-ME3

Beam capable to achieve super long pole distances with excellent longitudinal luminance uniformity fulfilling EN13201 M-class requirements where road width is equal to or less the pole height.

### **SPECIFICATION:**

Dimensions	50.0 x 50.0 mm
Height	7.9 mm
Fastening	pin, screw
ROHS compliant	yes 🛈



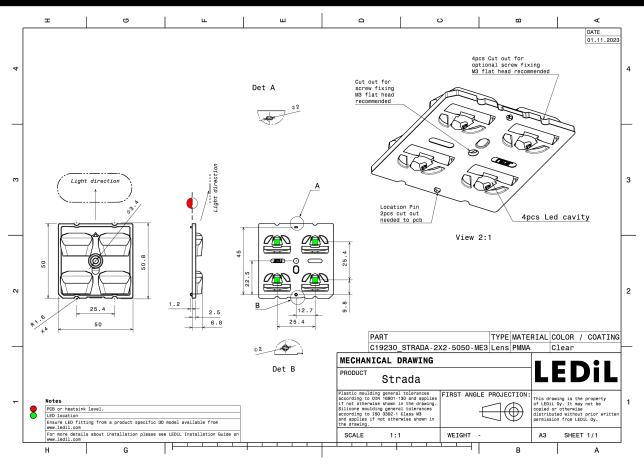
### MATERIALS:

Component	Туре	Material	Colour	Finish
STRADA-2X2-5050-ME3	Multi-lens	PMMA	clear	

### **ORDERING INFORMATION:**

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C19230_STRADA-2X2-5050-ME3	800	160	160	7.7
» Box size: 480 x 280 x 300 mm				





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



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

			0.05
LED	J Series 5050 Round LES	90°	90.
FWHM / FWTM	Asymmetric	736	75.
Efficiency	73 %	200	
Peak intensity	0.4 cd/lm	60*	60%
		X	
LEDs/each optic	1 White	X X 40	
Light colour Required components:	white	45'	45*
Required components.		200	
Protective plate	e, glass	600	
		30* <u>700</u> 13 <sup>5</sup> 0 <sup>6</sup> 13 <sup>5</sup>	30*
			90*
LED	J Series 5050 Round LES	3	
FWHM / FWTM	Asymmetric	778 200	70.
Efficiency	88 %		
Peak intensity	0.6 cd/lm	.50 <sup>4</sup> 400	60*
LEDs/each optic	1		
Light colour	White	45* 600	45*
Required components:		$  \times     \times  $	
		80	
		1000	
		30° 15 <sup>5</sup> 0° 15°	30*
CREE <del>\$</del>			
LEDS		90*	90*
	J Series 5050B 6V K Class	80*	90*
	J Series 5050B 6V K Class Asymmetric	9 <sup>4</sup>	90*
LED		25- 100 100	90*
LED FWHM / FWTM	Asymmetric	30* 23- 54* 200	90* 75° 60*
LED FWHM / FWTM Efficiency	Asymmetric 74 %	92 193 654 300 300	90* 75° 60*
LED FWHM / FWTM Efficiency Peak intensity	Asymmetric 74 % 0.4 cd/lm	92 193 404 405 409	90° 75° 60* 45*
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 74 % 0.4 cd/lm 1	9° 12° 60° 60° 60°	90* 75° 60*
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 74 % 0.4 cd/lm 1 White	39° 12° 60° 50° 50° 50° 50° 50° 50° 50° 5	90* 75° 60*
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 74 % 0.4 cd/lm 1 White	30 30 40 50 50 50 50 50 50 50 50 50 5	90* 75° 60*
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 74 % 0.4 cd/lm 1 White		90* 50* 60*
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Protective plate	Asymmetric 74 % 0.4 cd/lm 1 White		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Protective plate	Asymmetric 74 % 0.4 cd/lm 1 White a, glass		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Protective plate	Asymmetric 74 % 0.4 cd/lm 1 White , glass		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Protective plate	Asymmetric 74 % 0.4 cd/lm 1 White , glass LUXEON 5050 Round LES Asymmetric	84	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Protective plate CONTINUED LED FWHM / FWTM Efficiency	Asymmetric 74 % 0.4 cd/lm 1 White PS LUXEON 5050 Round LES Asymmetric 73 %	84	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Protective plate COMPARED FWHM / FWTM Efficiency Peak intensity	Asymmetric 74 % 0.4 cd/lm 1 White e, glass LUXEON 5050 Round LES Asymmetric 73 % 0.4 cd/lm	84	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Protective plate COMPARED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 74 % 0.4 cd/lm 1 White a, glass LUXEON 5050 Round LES Asymmetric 73 % 0.4 cd/lm 1	84	30 <sup>+</sup> 90 <sup>+</sup> 80 <sup>+</sup>
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Protective plate <b>CONTINUES</b> LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 74 % 0.4 cd/lm 1 White e, glass LUXEON 5050 Round LES Asymmetric 73 % 0.4 cd/lm	84	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Protective plate COMPARED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 74 % 0.4 cd/lm 1 White a, glass LUXEON 5050 Round LES Asymmetric 73 % 0.4 cd/lm 1	84	30 <sup>+</sup> 90 <sup>+</sup> 80 <sup>+</sup>
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Protective plate WIM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 74 % 0.4 cd/lm 1 White a, glass LUXEON 5050 Round LES Asymmetric 73 % 0.4 cd/lm 1 White	84	30* 90* 90*
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Protective plate <b>CONTINUES</b> LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 74 % 0.4 cd/lm 1 White a, glass LUXEON 5050 Round LES Asymmetric 73 % 0.4 cd/lm 1 White	84	30* 90* 90*



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

	)S	30*
LED	LUXEON 5050 Square LES	4
FWHM / FWTM	Asymmetric	750 200
Efficiency	88 %	
Peak intensity	0.6 cd/lm	60° 400
LEDs/each optic	1	X/T X
Light colour	White	
Required components:		
····		
		000
		30* 1000 15 <sup>5</sup> 0 <sup>6</sup> 15*
	05	90°
LED	LUXEON 5050 Square LES	
FWHM / FWTM	Asymmetric	75°
Efficiency	74 %	
Peak intensity	0.4 cd/lm	
LEDs/each optic	1	300
Light colour	White	457 460
Required components:		$\times$
		500
Protective plate	e, glass	
		30° 15 <sup>2</sup> 160 15° 3
MST Your solutions		90* 9
LED	RecLED 122x50mm 2x4 5050	3
FWHM / FWTM	Asymmetric	75%
Efficiency	74 %	
Peak intensity	0.4 cd/lm	604
LEDs/each optic	1	
Light colour	White	45+
Required components:		
Protective plate	e, glass	
		600
		30* 13 <sup>5</sup> 0 <sup>6</sup> 15* 3
OSRAM Opto Semiconductors		90° 9
LED	Duris S8	3
FWHM / FWTM	Asymmetric	750 (100 7
Efficiency	74 %	
Peak intensity	0.4 cd/lm	50° × / ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~
	1	X / w X
LEDs/each optic	White	
LEDs/each optic Light colour		
Light colour	white	400
	Winte	
Light colour		
Light colour Required components:		60 50 60



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

SAMSU	NG	50 <sup>4</sup>
LED	LH502D	
FWHM / FWTM	Asymmetric	756
Efficiency	88 %	
Peak intensity	0.6 cd/lm	
LEDs/each optic	1	
Light colour	White	45*
Required component		
SAMSU	NG	95°
LED	LH502D	
FWHM / FWTM	Asymmetric	
Efficiency	73 %	
Peak intensity	0.4 cd/lm	-54 <sup>*</sup>
LEDs/each optic	1	
Light colour	White	45*
Required components	x.	$\checkmark$ T
Protective p	ate, glass	



#### **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

Ledil Optics Technology (Shenzhen) Co., Ltd. # 405 , Block B Casic Motor Building Shenzhen 518057 P.R.CHINA

### Local sales and technical support www.ledil.com/ where\_to\_buy

Shipping locations Salo, Finland Hong Kong, China

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