

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 🛈



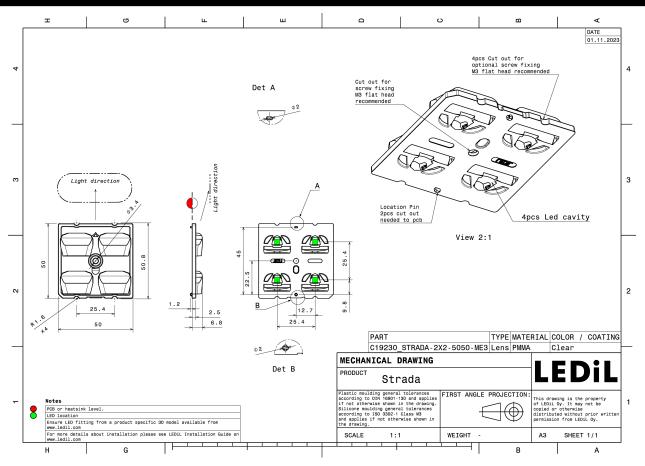
MATERIALS:

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):

LED	J Series 5050 Round LES	90* 90*
FWHM / FWTM		780
	Asymmetric 88 %	
Efficiency		50° 60°.
Peak intensity	0.6 cd/lm	
LEDs/each optic	1	
Light colour	White	45' 65'
Required components:		
		30* 30*
CREE ≑		
LEDs		90° 90°
LED	J Series 5050 Round LES	730
FWHM / FWTM	Asymmetric	
Efficiency	73 %	60° 60°.
Peak intensity	0.4 cd/lm	X / 30
LEDs/each optic	1	$\times \times / \wedge \times \times$
Light colour	White	45* 400 45*
Required components:		200
Protective plate		
	, 9033	
		30* 700 30°
CREE 🚖		
LEDS	L Sarias E0E0D 61/ K Class	90* 90*
LED FWHM / FWTM	J Series 5050B 6V K Class	75°
	Asymmetric 74 %	
Efficiency		50° 60°.
Peak intensity	0.4 cd/lm	30
LEDs/each optic	1	$\times \times / \land \times \times$
Light colour	White	·65* 400 65*.
Required components:		500
Protective plate	alass	\times
	, 9000	600
		30* 15 ⁵ 280 15* 30*
)S	
LED	LUXEON 5050 Round LES	20
FWHM / FWTM	Asymmetric	73°
Efficiency	88 %	
Peak intensity	0.6 cd/lm	.50 ⁴
LEDs/each optic	1	\times / \uparrow
Light colour	' White	
Required components:	winte	- 600 - 65°
		000
		30° 1000 30° 30°
		76 Å, 70.



OPTICAL RESULTS (SIMULATED):

		90* 90*
LED	LUXEON 5050 Round LES	75%
FWHM / FWTM	Asymmetric	
Efficiency	73 %	504 500
Peak intensity	0.4 cd/lm	30
LEDs/each optic	1	$X \times / T \setminus X \times$
Light colour	White	45* 400 45*
Required components:		200
Protective plate	e, glass	
		30* 300 30*
	os	
LED	LUXEON 5050 Square LES	90°
FWHM / FWTM	Asymmetric	75
Efficiency	88 %	
Peak intensity	0.6 cd/lm	504 504
LEDs/each optic	1	
Light colour	White	
Required components:		
		300
		30° 1000 30° 30°
UMILEC	DS	90* 90*
		10°
	LUXEON 5050 Square LES Asymmetric	90 ⁺ 93 ⁺ 100 95 ⁺ 97
LED FWHM / FWTM	LUXEON 5050 Square LES	90 ¹ 30 ³ 200 90 90 90 90 90 90 90 90 90
LED FWHM / FWTM Efficiency	LUXEON 5050 Square LES Asymmetric	90 ⁴ 90 ⁴ 9
LED FWHM / FWTM	LUXEON 5050 Square LES Asymmetric 74 %	90 ⁺ 90 ⁺ 90 ⁺
LED FWHM / FWTM Efficiency Peak intensity	LUXEON 5050 Square LES Asymmetric 74 % 0.4 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LUXEON 5050 Square LES Asymmetric 74 % 0.4 cd/lm 1	00 ¹
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON 5050 Square LES Asymmetric 74 % 0.4 cd/lm 1 White	en ⁴
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON 5050 Square LES Asymmetric 74 % 0.4 cd/lm 1 White	00 ¹
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON 5050 Square LES Asymmetric 74 % 0.4 cd/lm 1 White	00 ¹
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Protective plate	LUXEON 5050 Square LES Asymmetric 74 % 0.4 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Protective plate	LUXEON 5050 Square LES Asymmetric 74 % 0.4 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Protective plate	LUXEON 5050 Square LES Asymmetric 74 % 0.4 cd/lm 1 White e, glass RecLED 122x50mm 2x4 5050	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Protective plate MSST Vour solutions LED FWHM / FWTM	LUXEON 5050 Square LES Asymmetric 74 % 0.4 cd/lm 1 White e, glass RecLED 122x50mm 2x4 5050 Asymmetric	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Protective plate Protective plate MSST Vour solutions LED FWHM / FWTM Efficiency	LUXEON 5050 Square LES Asymmetric 74 % 0.4 cd/lm 1 White e, glass RecLED 122x50mm 2x4 5050 Asymmetric 74 %	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Protective plate Protective plate Vour solutions LED FWHM / FWTM Efficiency Peak intensity	LUXEON 5050 Square LES Asymmetric 74 % 0.4 cd/lm 1 White e, glass RecLED 122x50mm 2x4 5050 Asymmetric 74 % 0.4 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Protective plate Protective plate Vour solutions LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LUXEON 5050 Square LES Asymmetric 74 % 0.4 cd/lm 1 White e, glass RecLED 122x50mm 2x4 5050 Asymmetric 74 % 0.4 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Protective plate Protective plate Vour solutions LED FWHM / FWTM Efficiency Peak intensity	LUXEON 5050 Square LES Asymmetric 74 % 0.4 cd/lm 1 White e, glass RecLED 122x50mm 2x4 5050 Asymmetric 74 % 0.4 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Protective plate MSST Vour solutions LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON 5050 Square LES Asymmetric 74 % 0.4 cd/lm 1 White e, glass RecLED 122x50mm 2x4 5050 Asymmetric 74 % 0.4 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Protective plate WINST Vour solutions LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON 5050 Square LES Asymmetric 74 % 0.4 cd/lm 1 White e, glass RecLED 122x50mm 2x4 5050 Asymmetric 74 % 0.4 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Protective plate MINST Vour solutions LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON 5050 Square LES Asymmetric 74 % 0.4 cd/lm 1 White e, glass RecLED 122x50mm 2x4 5050 Asymmetric 74 % 0.4 cd/lm 1 White	



OPTICAL RESULTS (SIMULATED):

OSRAM Opto Semiconductors		90*
LED	Duris S8	5
FWHM / FWTM	Asymmetric	750 10
Efficiency	74 %	
Peak intensity	0.4 cd/lm	50*
LEDs/each optic	1	X / -
Light colour	White	45*
Required components	:	
		\sim \sim
Protective pla	ate, glass	
		30*
сллеш		
SAMSU		90*
LED	LH502D	
FWHM / FWTM	Asymmetric	
Efficiency	88 %	604
Peak intensity	0.6 cd/lm	
LEDs/each optic	1	
Light colour	White	45* 60
Required components		
		\times
		30° 10 ⁵
SAMSU	NG	
		90*
LED FWHM / FWTM	LH502D	750 10
Efficiency	Asymmetric 73 %	
Peak intensity	7.3 % 0.4 cd/lm	60° (80
LEDs/each optic	0.4 cd/im 1	
Light colour	ı White	
Required components		45* 40
required components		
Protective pla	ate, glass	X T*
		/30* 15 ⁵ 0



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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