

PRODUCT DATASHEET C17831_STRADA-2X2-5050-DWC

STRADA-2X2-5050-DWC

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

SPECIFICATION:

Dimensions Height Fastening ROHS compliant 50.0 x 50.0 mm 7.4 mm pin, screw yes **i**



MATERIALS:

Component STRADA-2X2-5050-DWC

Туре	
Multi-lens	

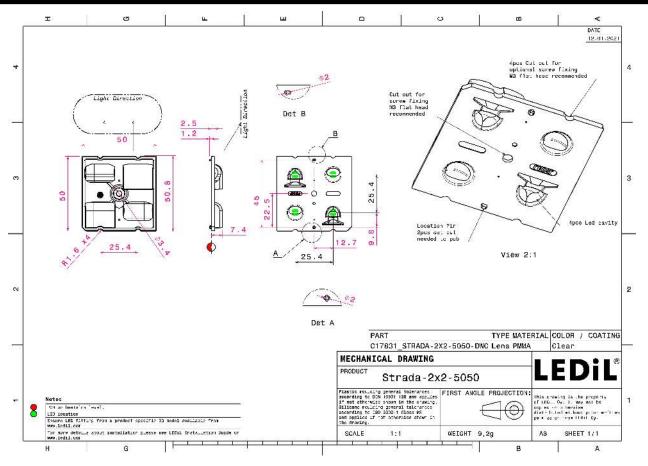
Material	Colour	Finish
PMMA	clear	

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C17831_STRADA-2X2-5050-DWC	800	160	160	8.1
» Box size: 480 x 280 x 300 mm				



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



OPTICAL RESULTS (MEASURED):

	D	
LED	J Series 5050C 6V E Class	
FWHM / FWTM	Asymmetric	
Efficiency	95 %	
Peak intensity	0.6 cd/lm	
LEDs/each optic	1	
Light colour	White	e at
Required compone	ents:	
		V And V
		T N
PHILI	25	
LED	Fortimo FastFlex LED 2x8 DA HE	
		12 (20) M.
LED	Fortimo FastFlex LED 2x8 DA HE	
LED FWHM / FWTM	Fortimo FastFlex LED 2x8 DA HE Asymmetric	
LED FWHM / FWTM Efficiency	Fortimo FastFlex LED 2x8 DA HE Asymmetric 97 %	
LED FWHM / FWTM Efficiency Peak intensity	Fortimo FastFlex LED 2x8 DA HE Asymmetric 97 % 0.6 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Fortimo FastFlex LED 2x8 DA HE Asymmetric 97 % 0.6 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Fortimo FastFlex LED 2x8 DA HE Asymmetric 97 % 0.6 cd/lm 1 White	10
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Fortimo FastFlex LED 2x8 DA HE Asymmetric 97 % 0.6 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Fortimo FastFlex LED 2x8 DA HE Asymmetric 97 % 0.6 cd/lm 1 White	



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		ITT FT
LED	J Series 5050 Round LES	
FWHM / FWTM	Asymmetric	10 (10) ·
Efficiency	79%	
Peak intensity	0.3 cd/lm	
LEDs/each optic	1	
Light colour	White	X Mart X
Required components:	wine	$^{\circ}$ \times / \times $^{\circ}$
Required components.		V T-m
Protective plate	glass	
		XITAX
LED	J Series 5050 Round LES	
FWHM / FWTM	Asymmetric	
Efficiency	93 %	X
Peak intensity	0.5 cd/lm	
LEDs/each optic	1	$X \times X = X \times X$
Light colour	White	e XT - E X
Required components:		N THEY
		Not and No
		and the second s
LED	J Series 5050B 6V K Class	
FWHM / FWTM	Asymmetric	
Efficiency	93 %	
Peak intensity	0.5 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required components:		
riequieu compensition		
		× 1
	J Series 5050B 6V K Class	
LED	J Series 5050B 6V K Class	
LED FWHM / FWTM	Asymmetric	5 · · · · · · · · · · · · · · · · · · ·
LED FWHM / FWTM Efficiency	Asymmetric 81 %	5 · · · · · · · · · · · · · · · · · · ·
LED FWHM / FWTM Efficiency Peak intensity	Asymmetric 81 % 0.4 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 81 % 0.4 cd/lm 1	50
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 81 % 0.4 cd/lm	50
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 81 % 0.4 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 81 % 0.4 cd/lm 1 White	50
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 81 % 0.4 cd/lm 1 White	



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LED	XP-G3	
FWHM / FWTM	Asymmetric	
Efficiency	77 %	
Peak intensity	0.4 cd/lm	
LEDs/each optic	1	
Light colour	White	1. A. Martin 1.
Required components:		$ X X^{*} $
		VTON
Protective plate	, glass	
		TAXAT
LED	XP-G3	27 X
EED FWHM / FWTM	Asymmetric	
Efficiency	91 %	
Peak intensity	0.6 cd/lm	and the second s
LEDs/each optic	1	
Light colour	White	
Required components:		$K \times T + T \times 2$
- 1 1		$X \rightarrow - C X$
		X + X
		z. v. v. v.
	DS	
LED	LUXEON 5050 HE	
FWHM / FWTM	Asymmetric	10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Efficiency	80 %	
Peak intensity	0.4 cd/lm	
LEDs/each optic		
	1	
	1 White	
Light colour Required components:		e
Light colour Required components:	White	e - 19 - 19 - 40
Light colour	White	
Light colour Required components:	White	
Light colour Required components: Protective plate	White , glass	
Light colour Required components: Protective plate	White , glass	X+R
Light colour Required components: Protective plate	White , glass DS LUXEON 5050 Round LES	XXX
Light colour Required components: Protective plate LED FWHM / FWTM	White , glass	
Light colour Required components: Protective plate	White , glass DS LUXEON 5050 Round LES Asymmetric	
Light colour Required components: Protective plate UDMILEI LED FWHM / FWTM Efficiency	White , glass DS LUXEON 5050 Round LES Asymmetric 80 %	
Light colour Required components: Protective plate UDE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	White , glass S LUXEON 5050 Round LES Asymmetric 80 % 0.4 cd/lm	
Light colour Required components: Protective plate UDE LED FWHM / FWTM Efficiency Peak intensity	White , glass S LUXEON 5050 Round LES Asymmetric 80 % 0.4 cd/lm 1	
Light colour Required components: Protective plate Contractive plate Contractive plate Contractive plate Contractive plate LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	White , glass S LUXEON 5050 Round LES Asymmetric 80 % 0.4 cd/lm 1 White	
Light colour Required components: Protective plate Components: Protective plate December 2015 LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	White , glass S LUXEON 5050 Round LES Asymmetric 80 % 0.4 cd/lm 1 White	
Light colour Required components: Protective plate Contractive plate Contractive plate Contractive plate Contractive plate LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	White , glass S LUXEON 5050 Round LES Asymmetric 80 % 0.4 cd/lm 1 White	



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LED	LUXEON 5050 Round LES	
FWHM / FWTM	Asymmetric	
Efficiency	93 %	
Peak intensity	0.5 cd/lm	
LEDs/each optic	1	$X \times I X X$
Light colour	White	
Required components:		NATY
		V Marty
A		
	IS	
LED	LUXEON 5050 Square LES	
FWHM / FWTM	Asymmetric	
Efficiency	93 %	XXXXXXXX
Peak intensity	0.5 cd/lm	$X \rightarrow X \rightarrow X \rightarrow X$
LEDs/each optic	1	$X \times I X X$
Light colour	White	
Required components:		
	S	177.541
LED	LUXEON 5050 Square LES	
FWHM / FWTM	Asymmetric	and the second second
Efficiency	80 %	
Peak intensity	0.3 cd/lm	
LEDs/each optic	1	
Light colour	White	4. / / - 20 / 44-
Required components:		
Protective plate	, glass	ALA
Mangara		
WNICHIA		
LED	NFMW48xA	
LED FWHM / FWTM	Asymmetric	
LED FWHM / FWTM Efficiency	Asymmetric 93 %	
LED FWHM / FWTM Efficiency Peak intensity	Asymmetric 93 % 0.5 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 93 % 0.5 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 93 % 0.5 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 93 % 0.5 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 93 % 0.5 cd/lm 1	Lo Lo Lo Lo Lo Lo Lo Lo Lo Lo
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 93 % 0.5 cd/lm 1	



OSRAM		TATA T
Opto Semiconductors	Duris S8	
FWHM / FWTM	Asymmetric	a la
Efficiency	81 %	
-	0.4 cd/lm	at the second second
Peak intensity		
LEDs/each optic	1 White	XAAAX
Light colour Required components:	White	
Required components.		NT
Protective plate	e, glass	
		X I X
		21°
OSRAM Opto Semiconductors		
LED	OSLON Square CSSRM2/CSSRM3	
FWHM / FWTM	Asymmetric	at Color and the second
Efficiency	79 %	
Peak intensity	0.4 cd/lm	
LEDs/each optic	1	
Light colour	White	1. 1 - 1m - 1 / ar
Required components:		\times
		$\bigvee \longrightarrow $
Protective plate	e, glass	
		2 Tomos A
PHILIPS		5.5 T
LED	Fortimo FastFlex LED 2x8 DA HE	
FWHM / FWTM	Asymmetric	and the second s
Efficiency	82 %	
Peak intensity	0.4 cd/lm	en tent en
LEDs/each optic	1	
Light colour	White	
Required components:		
		X = X
Protective plate	e, glass	V Tom V
		12* 50
SAMSUN	IG	THY YAT
LED	LH351C	
FWHM / FWTM	Asymmetric	
Efficiency	93 %	
Peak intensity	0.5 cd/lm	and X Hand X Jan
LEDs/each optic	1	
Light colour	White	
Required components:		K X 7 + (X)
		XYYX
		X X X
		1 March
		Contraction of the Contraction o



SAMSUN	IG		IN M
LED	LH351C		
FWHM / FWTM	Asymmetric		
Efficiency	80 %		
Peak intensity	0.4 cd/lm		1 August
LEDs/each optic	1		
	White		XNA
Light colour Required components:	WIIIC		
Required components.			VTON
Protective plate	, glass		1 have
SAMSUN	IG		MAX M
LED	LH502C		
FWHM / FWTM	Asymmetric		
Efficiency	94 %		1 X Y Y
Peak intensity	0.5 cd/lm		
LEDs/each optic	1		PXXTXS
Light colour	White		XXTTY
Required components:			
· · · · · · · · · · · · · · · · · · ·			
			× /
			z. w the the
SAMSUN	IG		
LED	LH502C		
FWHM / FWTM	Asymmetric		10 (m
Efficiency	79 %		
Peak intensity	0.3 cd/lm		
LEDs/each optic	1		$\nabla \times I \square \times \uparrow$
Light colour	White		\wedge / $+$ + $+$ \vee
Required components:			
- 1			
Protective plate	, glass		V
			\sim / \sim
			n. 16 - 16 - 16 - 16 - 16 - 16 - 16 - 16
SAMSUN	IG		THY MAT
LED	LH502D		
FWHM / FWTM	Asymmetric		
Efficiency	94 %		1 That
Peak intensity	0.5 cd/lm		
LEDs/each optic	1		$X \times \Pi X$
Light colour	White		XXT+TX
Required components:			NY YAYYY
			NA.
			2.4 10 ¹ 200



SAMSUN	IG	
LED	LH502D	
FWHM / FWTM	Asymmetric	
Efficiency	79 %	
Peak intensity	0.3 cd/lm	
LEDs/each optic	1	
Light colour	White	e transformer
Required components:		
Protective plate	e, glass	$X \downarrow X$
SHOLE		
SEQUE SEMICONDUCTOR		6.º
	MJT 5050	at the the
FWHM / FWTM	Asymmetric	
Efficiency Dock intensity	93 % 0.5 cd/lm	
Peak intensity		NV++VV
LEDs/each optic	1 White	
Light colour Required components:	white	
Required components.		
		XTAX
		X + X
LED	SEOUL DC 5050 6V	
FWHM / FWTM	Asymmetric	and the second s
Efficiency	80 %	
Peak intensity	0.4 cd/lm	
LEDs/each optic	1	
		$\mathcal{N} \times \mathcal{N}$
Light colour	White	10 - 50
Light colour Required components:		
Required components:	White	e - 39 - 49
	White	
Required components:	White	
Required components: Protective plate	White	
Required components:	White	
Required components: Protective plate	White	
Required components: Protective plate secul semiconductor LED	White e, glass SEOUL DC 5050 6V Asymmetric	
Required components: Protective plate scoul semiconductor LED FWHM / FWTM	White e, glass SEOUL DC 5050 6V	
Required components: Protective plate scoul semiconductor LED FWHM / FWTM Efficiency	White e, glass SEOUL DC 5050 6V Asymmetric	
Required components: Protective plate FUNDER FWHM / FWTM Efficiency Peak intensity	White a, glass SEOUL DC 5050 6V Asymmetric 93 %	
Required components: Protective plate FORE SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	White a, glass SEOUL DC 5050 6V Asymmetric 93 % 0.5 cd/lm	
Required components: Protective plate	White a, glass SEOUL DC 5050 6V Asymmetric 93 % 0.5 cd/lm 1	
Required components: Protective plate stout semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	White a, glass SEOUL DC 5050 6V Asymmetric 93 % 0.5 cd/lm 1	
Required components: Protective plate stout semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	White a, glass SEOUL DC 5050 6V Asymmetric 93 % 0.5 cd/lm 1	
Required components: Protective plate Protective plate SECOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	White a, glass SEOUL DC 5050 6V Asymmetric 93 % 0.5 cd/lm 1	



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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