

# STRADA-2X2-CAT-B

Narrow catenary street light beam, optimized for EN13201 M-classes and tilted poles

#### **TECHNICAL SPECIFICATIONS:**

Dimensions 50.0 mm Height Fastening **ROHS** compliant

7.7 mm pin, screw yes 🛈

#### **MATERIAL SPECIFICATIONS:**

Component STRADA-2X2-CAT-B Туре Multi-lens



Mat	erial	Colour	Finish
PMN	ЛА	clear	

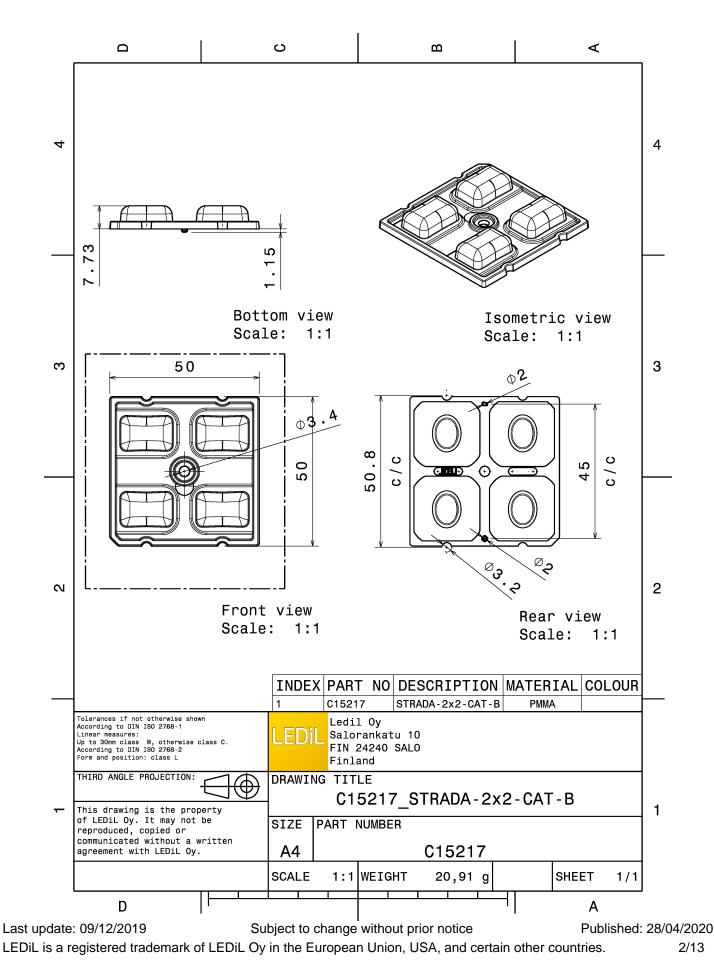
#### **ORDERING INFORMATION:**

Component C15217\_STRADA-2X2-CAT-B » Box size: 480 x 280 x 300 mm

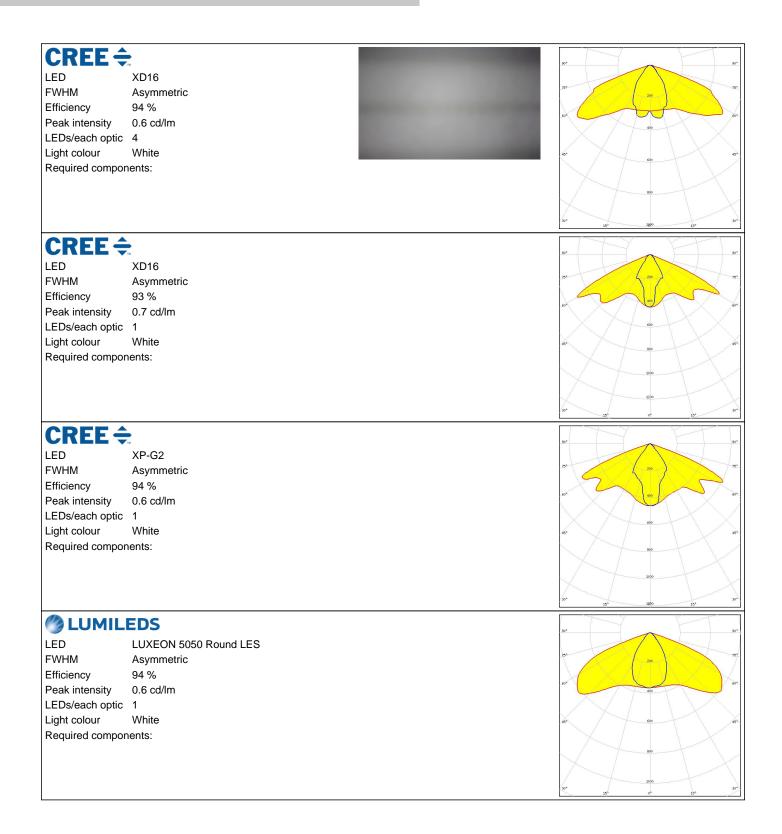
Qty in box	MOQ	MPQ	Box weight (kg)
800	160	160	7.0



# PRODUCT DATASHEET C15217\_STRADA-2X2-CAT-B







PRODUCT DATASHEET



FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon	LUXEON V Asymmetric 94 % 0.5 cd/lm 1 White	
FWHM Efficiency Peak intensity LEDs/each optic	White	50° 500 10° 600 60° 600 60° 600 60° 60° 60° 60° 60° 60° 60° 60° 60°
FWHM Efficiency Peak intensity LEDs/each optic	White	
FWHM Efficiency Peak intensity LEDs/each optic	White	13 <sup>3</sup> 0 <sup>4</sup> 13 <sup>4</sup>

PRODUCT DATASHEET



MICHIΛ		50° 50°
LED	NVSW3x9A	75°
FWHM	Asymmetric	
Efficiency	94 %	50* 50*
Peak intensity	0.6 cd/lm	
LEDs/each optic	White	
Light colour Required compor		·6' •
Required compor	ens.	200
		1000
		30* 13 <sup>5</sup> 0 <sup>6</sup> 15* 30*
<b>Μ</b> ΝΙCΗΙΛ		90* 90*
LED	NVSxE21A	
FWHM	Asymmetric	73°
Efficiency	94 %	400
Peak intensity	0.9 cd/lm	50 <sup>4</sup> 500 80*
LEDs/each optic	1	
Light colour	White	45* 3000 65*
Required compor	ents:	
		1220
		1490
		30* 1500 30*
		15 <sup>5</sup> 0 <sup>6</sup> 15 <sup>6</sup>
000444		
OSRAM Opto Semiconductors		90°
OSRAM Opto Semiconductors LED	OSLON Square PC	99
	OSLON Square PC Asymmetric	200 P2
LED FWHM Efficiency	Asymmetric 94 %	
LED FWHM Efficiency Peak intensity	Asymmetric 94 % 0.6 cd/lm	
LED FWHM Efficiency Peak intensity LEDs/each optic	Asymmetric 94 % 0.6 cd/lm 1	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 94 % 0.6 cd/lm 1 White	
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LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	Asymmetric 94 % 0.6 cd/lm 1 White lents:	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	Asymmetric 94 % 0.6 cd/lm 1 White ents: S Fortimo FastFlex LED 2x8 DA G4	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	Asymmetric 94 % 0.6 cd/lm 1 White ents: S Fortimo FastFlex LED 2x8 DA G4 Asymmetric	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	Asymmetric 94 % 0.6 cd/lm 1 White ents: S Fortimo FastFlex LED 2x8 DA G4 Asymmetric 94 %	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	Asymmetric 94 % 0.6 cd/lm 1 White eents: S Fortimo FastFlex LED 2x8 DA G4 Asymmetric 94 % 0.6 cd/lm	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	Asymmetric 94 % 0.6 cd/lm 1 White eents: S Fortimo FastFlex LED 2x8 DA G4 Asymmetric 94 % 0.6 cd/lm 1	
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LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	Asymmetric 94 % 0.6 cd/lm 1 White vents: S Fortimo FastFlex LED 2x8 DA G4 Asymmetric 94 % 0.6 cd/lm 1 White	
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LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	Asymmetric 94 % 0.6 cd/lm 1 White vents: S Fortimo FastFlex LED 2x8 DA G4 Asymmetric 94 % 0.6 cd/lm 1 White	

PRODUCT DATASHEET



PHILIP	5	20+
LED	Fortimo FastFlex LED 2x8 DA G4+	
FWHM	Asymmetric	75°
Efficiency	97 %	
Peak intensity	0.6 cd/lm	60° 400 6
LEDs/each optic	1	
Light colour	White	45* 800 4
Required compor	ients:	
		80
		1000
		30*
0.0.0.0		15° 0° 15°
SAMSU		90*
LED	HiLOM RH16 (LH351C)	
FWHM	Asymmetric	75* (200) 7
Efficiency	94 %	
Peak intensity	0.7 cd/lm	
LEDs/each optic		600
Light colour	White	e
Required compor	ients:	800
		1000
		1200
SEOUL		15 <sup>5</sup> 0 <sup>6</sup> 15 <sup>4</sup>
SEOUL SEMICONDUCTOR		90*
LED	Z5M3	
LED FWHM	Z5M3 Asymmetric	20
FWHM Efficiency	Asymmetric 94 %	20
FWHM Efficiency Peak intensity	Asymmetric 94 % 0.6 cd/lm	
FWHM Efficiency Peak intensity LEDs/each optic	Asymmetric 94 % 0.6 cd/lm 1	
FWHM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 94 % 0.6 cd/lm 1 White	73° 60° 43° 40°
FWHM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 94 % 0.6 cd/lm 1 White	20 50 <sup>1</sup> 20 60 60 60
FWHM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 94 % 0.6 cd/lm 1 White	20 60* 60* 60* 60* 60* 60* 60* 60* 60* 60
FWHM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 94 % 0.6 cd/lm 1 White	
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FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	Asymmetric 94 % 0.6 cd/lm 1 White	
FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	Asymmetric 94 % 0.6 cd/lm 1 White pents:	
FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	Asymmetric 94 % 0.6 cd/lm 1 White tents: Z8Y22	50- 50- 50- 50- 50- 50- 50- 50-
FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	Asymmetric 94 % 0.6 cd/lm 1 White eents: Z8Y22 Asymmetric	
FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	Asymmetric 94 % 0.6 cd/lm 1 White vents: Z8Y22 Asymmetric 94 %	50- 50- 50- 50- 50- 50- 50- 50-
FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor scoursemiconouctor LED FWHM Efficiency Peak intensity	Asymmetric 94 % 0.6 cd/lm 1 White eents: Z8Y22 Asymmetric 94 % 0.7 cd/lm	
FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor scoul semiconoucror LED FWHM Efficiency Peak intensity LEDs/each optic	Asymmetric 94 % 0.6 cd/lm 1 White nents: Z8Y22 Asymmetric 94 % 0.7 cd/lm 1	
FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor stout stanconvortor LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 94 % 0.6 cd/lm 1 White nents: Z8Y22 Asymmetric 94 % 0.7 cd/lm 1 White	
FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	Asymmetric 94 % 0.6 cd/lm 1 White nents: Z8Y22 Asymmetric 94 % 0.7 cd/lm 1 White	
FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor stout stanconvortor LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 94 % 0.6 cd/lm 1 White nents: Z8Y22 Asymmetric 94 % 0.7 cd/lm 1 White	
FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	Asymmetric 94 % 0.6 cd/lm 1 White nents: Z8Y22 Asymmetric 94 % 0.7 cd/lm 1 White	

PRODUCT DATASHEET



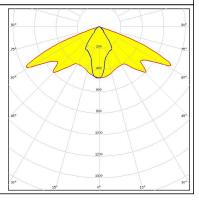
# TRIDONIC

LED	RLE 2x4 2000lm HP EXC2 OTD	
FWHM	Asymmetric	
Efficiency	94 %	
Peak intensity	0.8 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required components:		

## TRIDONIC

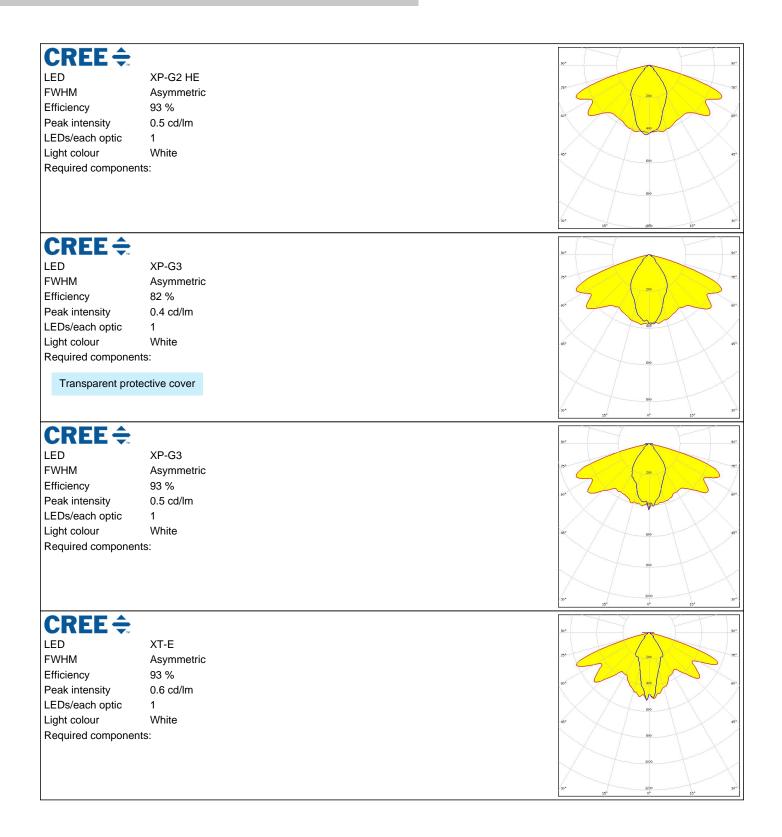
LEDRLEFWHMAsynEfficiency94 %Peak intensity0.8 cLEDs/each optic1Light colourWhitRequired components:

RLE 2x8 4000lm HP EXC2 OTD Asymmetric 94 % 0.8 cd/lm 1 White ents:



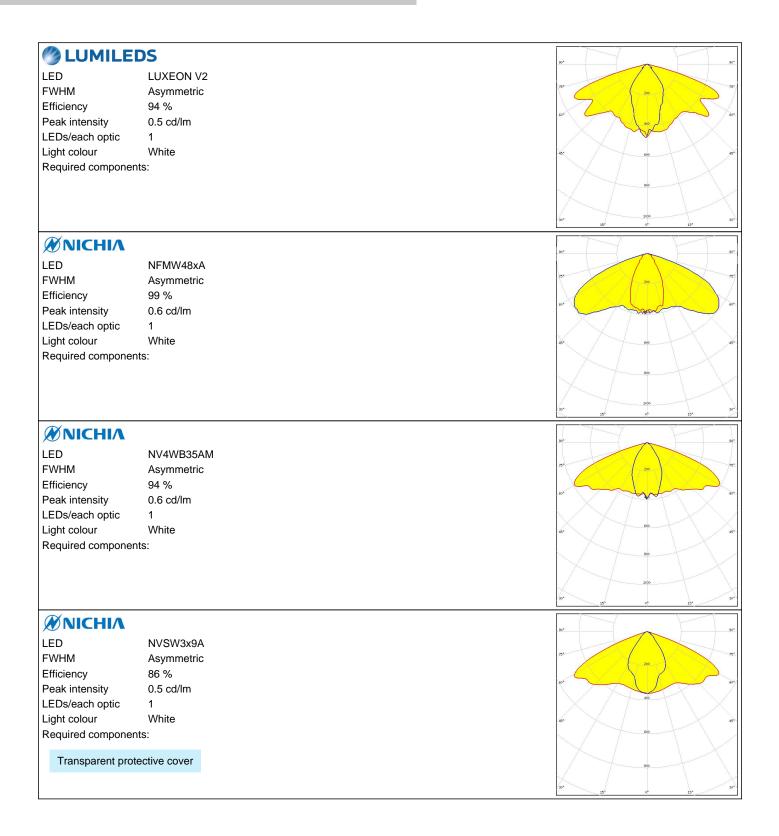
PRODUCT DATASHEET





PRODUCT DATASHEET





PRODUCT DATASHEET



- (		
<b>ΜΝΙCΗΙΛ</b>		90* 90*
LED	NVSxx19B/NVSxx19C	
FWHM	Asymmetric	73*
Efficiency	88 %	and and
Peak intensity	0.7 cd/lm	en en
LEDs/each optic	1	200
Light colour	White	
Required component		
	J.	
		1200
		30° 15 <sup>5</sup> 0° 15° 30°
OSRAM		
Opto Semiconductors		90* 90*
LED	Duris S8	77%
FWHM	Asymmetric	
Efficiency	84 %	50°
Peak intensity	0.5 cd/lm	
LEDs/each optic	1	400
Light colour	White	45* 45*
Required component	S:	000
Transparent prote	ctive cover	
		30* 30*
OSRAM Opto Semiconductors		
LED	Duris S8	
FWHM	Asymmetric	
Efficiency	93 %	
Peak intensity	0.6 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required component	S:	
OSRAM		ITY FTI
Opto Semiconductors		90° 90°
	OSCONIQ P 3737 (3W version)	750
FWHM	Asymmetric	
Efficiency	93 %	50° 60*
Peak intensity	0.6 cd/lm	X/MX
LEDs/each optic	1	
Light colour	White	6° 6°
Required component	S.	000
		X/T/X
		1000
1		30* 30*
		/30° 30°

PRODUCT DATASHEET



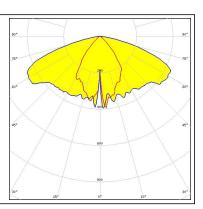
OSRAM Opto Semiconductors		81
LED	OSLON Square CSSRM2/CSSRM3	
FWHM	140.0 + 35.0°	
Efficiency	84 %	50° 60°.
LEDs/each optic	1	
Light colour	White	45°
Required componen	IS:	
Transparent prote	ective cover	
		30° 1000 30° 30°
OSRAM Opto Semiconductors		90° 99°
LED	OSLON Square CSSRM2/CSSRM3	
FWHM	Asymmetric	73° 78°
Efficiency	85 %	$\gamma$
Peak intensity	0.5 cd/lm	60° 60°
LEDs/each optic	1	400
Light colour	White	451 651
Required componen	is:	540
Transparent prote	active cover	
Tranoparoni prot		800
		30* <u>13</u> 5 0° 15* <u>30*</u>
OSRAM Opto Semiconductors		90'
LED	OSLON Square CSSRM2/CSSRM3	
FWHM	Asymmetric	75%
Efficiency	94 %	
Peak intensity	0.7 cd/lm	50° 60°
LEDs/each optic	1	
Light colour	White	6
Required componen	is:	000
		1000
		1200
		30* <u>15</u> 0° <u>15</u> 30*
PHILIPS		
LED	Fortimo FastFlex LED 2x8 DAX G4	
FWHM	Asymmetric	75°
Efficiency	93 %	
Peak intensity	0.5 cd/lm	sor son
LEDs/each optic	1	
Light colour	White	45. 600 55
Required componen		
		200
		$\times$ / $\neg$ $\times$
		/30* 15 <sup>5</sup> 0 <sup>6</sup> 15* 30*

PRODUCT DATASHEET



# SAMSUNG

LED	LH351D	
FWHM	Asymmetric	
Efficiency	90 %	
Peak intensity	0.5 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required components:		



PRODUCT DATASHEET



#### **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:

The measured data in the provided downloadable LEDiL Product Datasheets and Mechanical 2D-Drawings is rounded and provided as reference for planning. LEDiL Oy's optical specifications have been verified by conducting performance testing of the products in accordance with the company's quality system. The reported data are averaged results of multiple measurements with typical variation. LEDiL Oy reserves the right to without prior notification make changes and improvements to its products.

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#### **LEDiL Oy**

Joensuunkatu 13 FI-24240 SALO Finland

#### LEDiL Inc.

228 West Page Street Suite D Sycamore IL 60178 USA

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

Shipping locations Salo, Finland Hong Kong, China

Distribution Partners www.ledil.com/ where\_to\_buy