

# PRODUCT DATASHEET C16168\_STRADA-SQ-PX

# STRADA-SQ-PX

Double asymmetric beam designed to highlight pedestrian crossings for right side traffic. Version with location pins.

### **SPECIFICATION:**

Dimensions Height Fastening ROHS compliant 25.0 x 25.0 mm 9 mm glue, pin, screw yes 1



### **MATERIALS:**

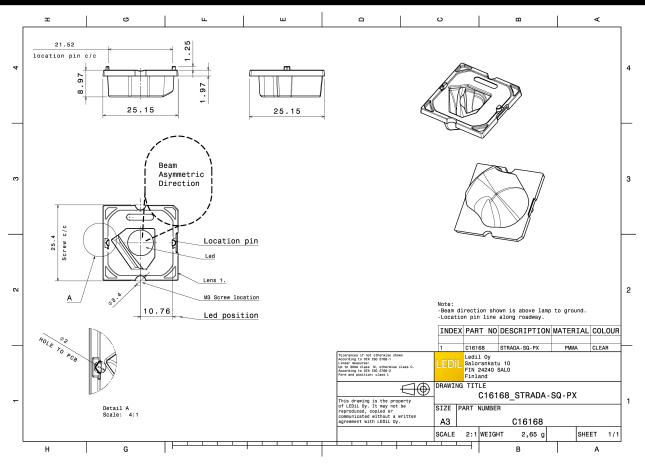
Component	Туре	Material	Colour	Finish	Length
STRADA-SQ-PX	Single lens	PMMA	clear		25.0

### **ORDERING INFORMATION:**

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C16168_STRADA-SQ-PX	2058	294	98	7.5
» Box size: 476 x 273 x 292 mm				



# PRODUCT DATASHEET C16168\_STRADA-SQ-PX



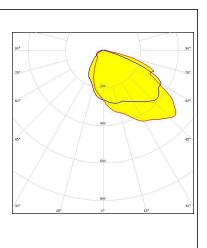
See also our general installation guide: <u>www.ledil.com/installation\_guide</u>



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

# LUMILEDS

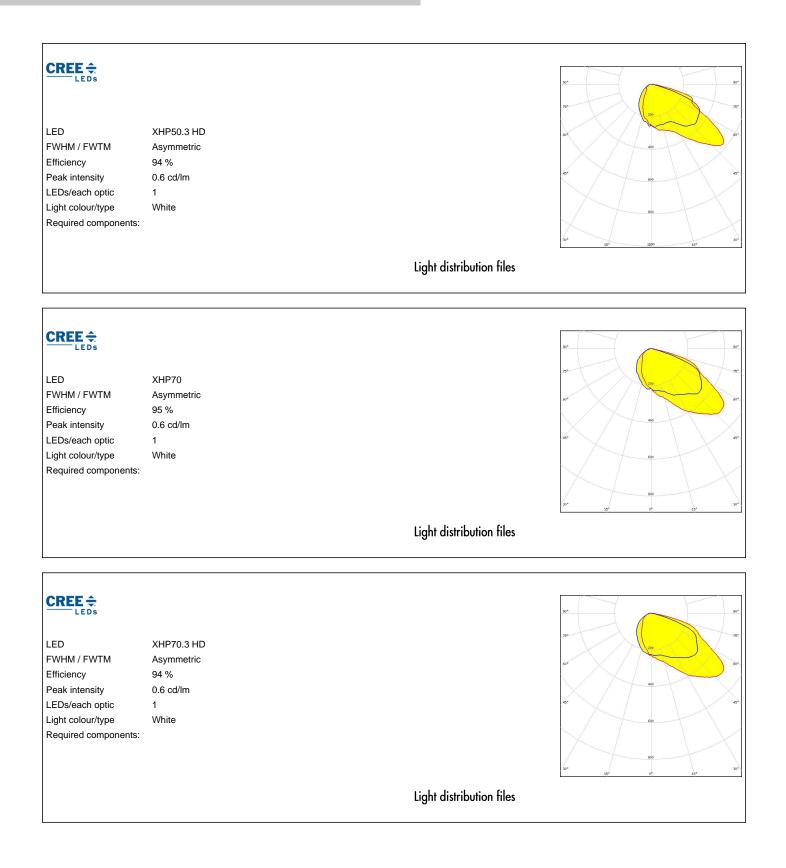
LED	LUXEON M/MX
FWHM / FWTM	Asymmetric
Efficiency	94 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour/type	White
Required componer	nts:



Light distribution files



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





# **OPTICAL RESULTS (SIMULATED):**

	95		57
LED	LUXEON 7070		2e
FWHM / FWTM	Asymmetric		
Efficiency	95 %		400
Peak intensity	0.6 cd/lm		
LEDs/each optic	1		45*
Light colour/type	White		
Required components:			
			800
			30° 15° 0° 15°
		Light distribution files	
CUMILEC LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components:	LUXEON 7070 Asymmetric 84 % 0.6 cd/lm 1 White	Light distribution files	
ΜΝΙCΗΙΛ			
			759
	NV4x144A		
FWHM / FWTM	Asymmetric 93 %		60 <sup>4</sup>
Efficiency	93 % 0.6 cd/lm		40
Peak intensity			45'
LEDs/each optic	1 White		60
Light colour/type Required components:	White		
required components:			200
			30* <u>11</u> 2 <sup>6</sup> 0 <sup>6</sup> 115 <sup>4</sup>
		Light distribution files	



# **OPTICAL RESULTS (SIMULATED):**

<b>Μ</b> ΝΙCΗΙΛ			30°
LED	NVSW519A		75%
FWHM / FWTM	Asymmetric		50* 400 554
Efficiency	93 %		
Peak intensity	0.7 cd/lm		600
LEDs/each optic	1		e. e.
Light colour/type	White		80
Required components	:		
			30* 15 <sup>5</sup> 1280 15* 30*
		Bala diastration film	
		Light distribution files	
OSRAM Opto Semiconductors			90 <sup>-</sup>
Opto Semiconductors	OSCONIQ P 7070		20 <sup>4</sup> 23 <sup>4</sup> 20
Opto Semiconductors			20 P
opto Semiconductors LED FWHM / FWTM	OSCONIQ P 7070 Asymmetric 95 %		90 <sup>4</sup> 22 <sup>4</sup> 01 <sup>5</sup> 01 01 01 01 01 01 01 01 01 01 01 01 01
opto Semiconductors LED FWHM / FWTM Efficiency	Asymmetric		90°
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 95 % 0.6 cd/lm 1		20° 20° 0° 0° 0° 0° 0° 0° 0° 0° 0° 0° 0° 0° 0
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type	Asymmetric 95 % 0.6 cd/lm 1 White		20 20 6° 60 60 60 60 60 60 60 60 60 60 60 60 60
OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components	Asymmetric 95 % 0.6 cd/lm 1 White		



# PRODUCT DATASHEET C16168\_STRADA-SQ-PX

### **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.

LEDiL Oy assumes neither warranty, nor guarantee nor any other liability of any kind for the contents and correctness of the provided data. The provided data has been generated with highest diligence but the provided data may in reality not represent the complete possible variation range of all intrinsic parameters. Therefore, in certain cases a deviation from the provided data could occur.

LEDiL Oy reserves the right to undertake technical changes of its products without further notification which could lead to changes in the provided data. LEDiL Oy assumes no liability of any kind for the possible deviation from any provided data or any other damage resulting from the usage of the provided data.

The user agrees to this disclaimer and user agreement with the download or usage of the provided files.

#### 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** Poznan, Poland Hong Kong, China

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

Last update: 08/11/2023 Subject to change without prior notice LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.