

# PRODUCT DATASHEET C17221\_STRADELLA-8-HV-CSP-LN1

## STRADELLA-8-HV-CSP-LN1

Beam for EN13201 M-class requirements with high poles or where road width is equal or less the pole height. Variant with improved creepage distance for high voltage circuit design.

## **TECHNICAL SPECIFICATIONS:**

Dimensions	50.0 x 50.0 mm
Height	4.4 mm
Fastening	screw
ROHS compliant	yes 🛈



#### **MATERIAL SPECIFICATIONS:**

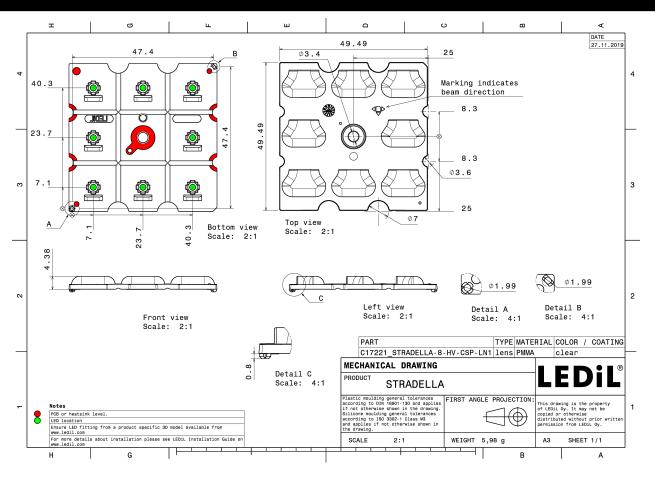
Component	Туре	Material	Colour	Finish
STRADELLA-8-HV-CSP-LN1	Multi-lens	PMMA	clear	

## **ORDERING INFORMATION:**

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C17221_STRADELLA-8-HV-CSP-LN1	800	160	160	5.6
» Box size: 480 x 280 x 300 mm				

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



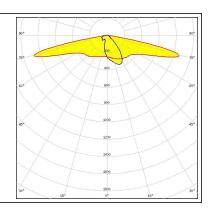
#### **PHOTOMETRIC DATA (MEASURED):**

# **PHILIPS**

LED

FWHM / FWTMAsEfficiency96Peak intensity1LEDs/each optic1Light colourWRequired components:

Fortimo FastFlex LED 4x8up PR G5 Asymmetric 96 % 1 cd/lm 1 White





## PHOTOMETRIC DATA (SIMULATED):

CREE ≑		
LED	XD16	90° 9
FWHM / FWTM	Asymmetric	730
Efficiency	90 %	
Peak intensity	0.8 cd/lm	50 <sup>4</sup> 400 61
LEDs/each optic	1	$\wedge \wedge $
Light colour	White	45" 600
Required components:		
riequieu componentei		
		1000
		30° 15 <sup>5</sup> 1600 10° 30°
	05	90*
LED	LUXEON CZ	
FWHM / FWTM	Asymmetric	75° 200 70°
Efficiency	90 %	
Peak intensity	0.8 cd/lm	50°
LEDs/each optic	1	X
Light colour	White	45* 45*
Required components:		
		1000
		30 <sup>4</sup> 32 <sup>3</sup>
0000444		15 <sup>3</sup> 0 <sup>3</sup> 10 <sup>3</sup>
OSRAM Opto Semiconductors		INY FAIL
		90° 90°
LED	OSCONIQ C 2424	90% 90%
LED FWHM / FWTM	OSCONIQ C 2424 Asymmetric	30°
		29°
FWHM / FWTM	Asymmetric	
FWHM / FWTM Efficiency	Asymmetric 78 %	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 78 % 0.5 cd/lm	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 78 % 0.5 cd/lm 1	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 78 % 0.5 cd/lm 1 White	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 78 % 0.5 cd/lm 1 White	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 78 % 0.5 cd/lm 1 White	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Protective plate	Asymmetric 78 % 0.5 cd/lm 1 White	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Protective plate	Asymmetric 78 % 0.5 cd/lm 1 White	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Protective plate	Asymmetric 78 % 0.5 cd/lm 1 White 2, glass	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Protective plate OSRAM Opto Semiconductors LED FWHM / FWTM	Asymmetric 78 % 0.5 cd/lm 1 White 0, glass OSCONIQ C 2424 Asymmetric	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Protective plate OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency	Asymmetric 78 % 0.5 cd/lm 1 White 9 %	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Protective plate OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity	Asymmetric 78 % 0.5 cd/lm 1 White e, glass OSCONIQ C 2424 Asymmetric 91 % 0.8 cd/lm	22 <sup>4</sup> 2 <sup>4</sup> 2 <sup>5</sup>
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Protective plate Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 78 % 0.5 cd/lm 1 White e, glass OSCONIQ C 2424 Asymmetric 91 % 0.8 cd/lm 1	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Protective plate Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 78 % 0.5 cd/lm 1 White e, glass OSCONIQ C 2424 Asymmetric 91 % 0.8 cd/lm	84 <sup>-</sup> 42 <sup>-</sup> 42 <sup>-</sup> 77
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Protective plate OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 78 % 0.5 cd/lm 1 White e, glass OSCONIQ C 2424 Asymmetric 91 % 0.8 cd/lm 1	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Protective plate Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 78 % 0.5 cd/lm 1 White e, glass OSCONIQ C 2424 Asymmetric 91 % 0.8 cd/lm 1	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Protective plate Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 78 % 0.5 cd/lm 1 White e, glass OSCONIQ C 2424 Asymmetric 91 % 0.8 cd/lm 1	



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## **PHOTOMETRIC DATA (SIMULATED):**

PHILIPS		90* 90*
LED	Fortimo FastFlex LED 4x8up PR G5	4
FWHM / FWTM	Asymmetric	75°
Efficiency	83 %	
Peak intensity	0.6 cd/lm	.60°
LEDs/each optic	1	
Light colour	White	457 600 45*
Required components:		
Protective pla	te, glass	800
		30* 1000 30* 15 <sup>5</sup> 0 <sup>6</sup> 15 <sup>5</sup>
SAMSU	VG	80
	NG LH181B	8°
		100
LED	LH181B	
LED FWHM / FWTM	LH181B Asymmetric	
LED FWHM / FWTM Efficiency	LH181B Asymmetric 90 %	
LED FWHM / FWTM Efficiency Peak intensity	LH181B Asymmetric 90 % 0.7 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LH181B Asymmetric 90 % 0.7 cd/lm 1 White	400
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LH181B Asymmetric 90 % 0.7 cd/lm 1 White	400
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LH181B Asymmetric 90 % 0.7 cd/lm 1 White	400
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LH181B Asymmetric 90 % 0.7 cd/lm 1 White	400 470 670 670 671



#### **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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