

PRODUCT DATASHEET C17313_STRADELLA-8-HV-CSP-T3-M

STRADELLA-8-HV-CSP-T3-M

IESNA Type III (medium) beam with excellent back light control, illuminance uniformity and cutoff. Variant with improved creepage distance for high voltage circuit design.

SPECIFICATION:

Dimensions	50.0 x 50.0 mm
Height	4.9 mm
Fastening	screw
ROHS compliant	yes 🕕



MATERIALS:

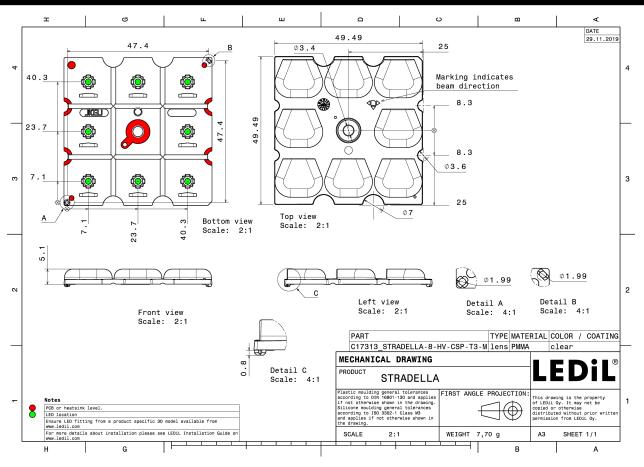
Component	Туре	Material	Colour	Finish
STRADELLA-8-HV-CSP-T3-M	Multi-lens	PMMA	clear	

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C17313_STRADELLA-8-HV-CSP-T3-M	800	160	160	7.1
» Box size: 480 x 280 x 300 mm				



PRODUCT DATASHEET C17313_STRADELLA-8-HV-CSP-T3-M



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



OPTICAL RESULTS (MEASURED):

PHILIP	S	90* 90*
LED	Fortimo FastFlex LED 4x8up PR G5	
FWHM / FWTM	Asymmetric	73° 200 78°
Efficiency	97 %	800
Peak intensity	1.2 cd/lm	60°.
LEDs/each optic	1	×
Light colour	White	45: 45'
Required compone	nts:	
		1000
		30* 11 ² 0 ⁴ 13 ⁴ 34 ⁴
		13' 0' 19'
SAMSU	JNG	50, 50.
	JNG LH151B	50°
		75
LED	LH151B	9°
LED FWHM / FWTM	LH151B Asymmetric	75
LED FWHM / FWTM Efficiency	LH151B Asymmetric 94 %	73
LED FWHM / FWTM Efficiency Peak intensity	LH151B Asymmetric 94 % 1.5 cd/lm	20 72°. 60 60 60°.
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LH151B Asymmetric 94 % 1.5 cd/lm 1 White	73°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LH151B Asymmetric 94 % 1.5 cd/lm 1 White	25 - 20 - 72 - 72 - 72 - 72 - 72 - 72 - 72
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LH151B Asymmetric 94 % 1.5 cd/lm 1 White	73 - 20 - 72 - 64 - 66 - 67 - 100 - 67 - 100 - 67 - 100 - 67 - 100 - 67 - 100 - 67 - 100 - 67 - 67 -
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LH151B Asymmetric 94 % 1.5 cd/lm 1 White	20 20 22 22 20 20 20 20 20 20 20 20 20 2



OPTICAL RESULTS (SIMULATED):

[
LUMILED	DS	
LED	LUXEON C	
FWHM / FWTM	Asymmetric	75°
Efficiency	66 %	
Peak intensity	0.4 cd/lm	50 ⁴ 200 60 ⁴
LEDs/each optic	1	\times
Light colour	White	45* 300
Required components:		
		X/TX
Protective plate	e, glass	560
		30* 30*
		13 ⁵ 60 15*
)S	90* 90*
LED	LUXEON CZ	
FWHM / FWTM	Asymmetric	12.0
Efficiency	90 %	50 ⁴
Peak intensity	0.9 cd/lm	400
LEDs/each optic	1	
Light colour	White	45* 45*
Required components:		840
		\times
		1000
1		30 18 ⁵ 0 ⁶ 18 ⁵
		122 0 ⁴ 12 ⁵ 30
		50° 122° 10° 12° 50 50° 50° 50° 50° 50° 50° 50° 50° 50° 50°
LED	LUXEON HL2Z	
LED FWHM / FWTM	LUXEON HL2Z Asymmetric	
LED FWHM / FWTM Efficiency	LUXEON HL2Z Asymmetric 92 %	
LED FWHM / FWTM Efficiency Peak intensity	LUXEON HL2Z Asymmetric 92 % 1 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LUXEON HL2Z Asymmetric 92 % 1 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON HL2Z Asymmetric 92 % 1 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LUXEON HL2Z Asymmetric 92 % 1 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON HL2Z Asymmetric 92 % 1 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON HL2Z Asymmetric 92 % 1 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON HL2Z Asymmetric 92 % 1 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON HL2Z Asymmetric 92 % 1 cd/lm 1 White	67 00 67 90 67
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON HL2Z Asymmetric 92 % 1 cd/lm 1 White	67 00 67 90 67
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON HL2Z Asymmetric 92 % 1 cd/lm 1 White	67 00 67 90 67
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON HL2Z Asymmetric 92 % 1 cd/lm 1 White	67 00 67 90 67
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON HL2Z Asymmetric 92 % 1 cd/lm 1 White S LUXEON HL2Z Asymmetric 74 %	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON HL2Z Asymmetric 92 % 1 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON HL2Z Asymmetric 92 % 1 cd/lm 1 White S LUXEON HL2Z Asymmetric 74 % 0.6 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: WIM / COMPARENT LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON HL2Z Asymmetric 92 % 1 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: With Components: With Components: Compose LUMILEE FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LUXEON HL2Z Asymmetric 92 % 1 cd/lm 1 White S LUXEON HL2Z Asymmetric 74 % 0.6 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: WIM / COMPARENT LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON HL2Z Asymmetric 92 % 1 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: WWW LUMILEE FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON HL2Z Asymmetric 92 % 1 cd/lm 1 White	



OPTICAL RESULTS (SIMULATED):

ΜΝΙCΗΙΛ		THAT FALL
LED	NVSxE21A	90* 90*
		75° 200 78°
FWHM / FWTM	Asymmetric	
Efficiency	92 %	.60* 400 60*
Peak intensity	1.1 cd/lm	
LEDs/each optic	1	
Light colour	White	45' 45'
Required components:		80
		30* <u>1220</u> 30* 30*
Μ ΝΙCΗΙΛ		
		90* 90*
	NVSxE21A	750 700 750
FWHM / FWTM	Asymmetric	
Efficiency	74 %	604 604
Peak intensity	0.7 cd/lm	
LEDs/each optic	1	400
Light colour	White	45* 500 45*
Required components:		
Protective plate	a diase	
	, guus	710
		800
1		12 ³ 0 ⁵ 12 ⁴ 20
PHILIPS		
		90 ¹ 0 ² 0 ² 0 ²
LED	Fortimo FastFlex LED 4x8up PR G5	
LED FWHM / FWTM	Fortimo FastFlex LED 4x8up PR G5 Asymmetric	20 <u>12⁶</u> <u>12⁶ <u>12⁶</u> <u>12⁶</u> <u>12⁶</u> <u>12⁶ <u>12⁶</u> <u>12⁶</u> <u>12⁶ <u>12⁶</u> <u>12⁶ <u>12⁶</u> <u>12⁶ <u>12⁶</u> <u>12⁶ <u>12⁶</u> <u>12⁶ <u>12⁶</u> <u>12⁶ <u>12⁶ <u>12⁶</u> <u>12⁶ <u>12^{6 <u>12⁶ <u>12^{6 <u>12⁶ <u>12⁶ <u>12⁶ <u>12⁶ <u>12^{6 <u>12⁶ <u>12^{6 <u>12⁶ <u>12^{6 <u>12⁶ <u>12^{6 <u>12^{6 <u>12^{6 <u>12^{6 <u>12^{6 <u>12^{6 <u>12⁶ <u>12^{6 <u>12^{6 <u>12^{6 <u>12⁶</u>}</u>}</u>}</u></u>}</u>}</u>}</u>}</u>}</u>}</u></u>}</u></u>}</u></u>}</u></u></u></u></u>}</u></u>}</u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u>
LED FWHM / FWTM Efficiency	Fortimo FastFlex LED 4x8up PR G5 Asymmetric 81 %	
LED FWHM / FWTM Efficiency Peak intensity	Fortimo FastFlex LED 4x8up PR G5 Asymmetric 81 % 0.8 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Fortimo FastFlex LED 4x8up PR G5 Asymmetric 81 % 0.8 cd/lm 1	60 ⁴ 300 60 ⁴
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Fortimo FastFlex LED 4x8up PR G5 Asymmetric 81 % 0.8 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Fortimo FastFlex LED 4x8up PR G5 Asymmetric 81 % 0.8 cd/lm 1	60 ⁴ 300 60 ⁴
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Fortimo FastFlex LED 4x8up PR G5 Asymmetric 81 % 0.8 cd/lm 1 White	400
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Fortimo FastFlex LED 4x8up PR G5 Asymmetric 81 % 0.8 cd/lm 1 White	400
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Fortimo FastFlex LED 4x8up PR G5 Asymmetric 81 % 0.8 cd/lm 1 White	60 ⁴ 300 60 ⁴
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Protective plate	Fortimo FastFlex LED 4x8up PR G5 Asymmetric 81 % 0.8 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Protective plate	Fortimo FastFlex LED 4x8up PR G5 Asymmetric 81 % 0.8 cd/lm 1 White a, glass	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Protective plate	Fortimo FastFlex LED 4x8up PR G5 Asymmetric 81 % 0.8 cd/lm 1 White a, glass	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Protective plate SAMSUN	Fortimo FastFlex LED 4x8up PR G5 Asymmetric 81 % 0.8 cd/lm 1 White a, glass	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Protective plate SAMSUN LED FWHM / FWTM Efficiency	Fortimo FastFlex LED 4x8up PR G5 Asymmetric 81 % 0.8 cd/lm 1 White a, glass LH151B Asymmetric 77 %	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Protective plate SAMSSUN LED FWHM / FWTM Efficiency Peak intensity	Fortimo FastFlex LED 4x8up PR G5 Asymmetric 81 % 0.8 cd/lm 1 White a, glass LH151B Asymmetric	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Protective plate SAMSSUN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Fortimo FastFlex LED 4x8up PR G5 Asymmetric 81 % 0.8 cd/lm 1 White e, glass LH151B Asymmetric 77 % 0.9 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Protective plate SANNSUN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Fortimo FastFlex LED 4x8up PR G5 Asymmetric 81 % 0.8 cd/lm 1 White e, glass LH151B Asymmetric 77 % 0.9 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Protective plate MARENTING EFFICIENCY Peak intensity LEDs/each optic Light colour Required components:	Fortimo FastFlex LED 4x8up PR G5 Asymmetric 81 % 0.8 cd/lm 1 White e, glass LH151B Asymmetric 77 % 0.9 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Protective plate SANNSUN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Fortimo FastFlex LED 4x8up PR G5 Asymmetric 81 % 0.8 cd/lm 1 White e, glass LH151B Asymmetric 77 % 0.9 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Protective plate MANNER Efficiency Peak intensity LEDs/each optic Light colour Required components:	Fortimo FastFlex LED 4x8up PR G5 Asymmetric 81 % 0.8 cd/lm 1 White e, glass LH151B Asymmetric 77 % 0.9 cd/lm 1 White	



OPTICAL RESULTS (SIMULATED):

SAMSU	NG	97. 97.
LED	LH181B	
FWHM / FWTM	Asymmetric	
Efficiency	91 %	
Peak intensity	0.9 cd/lm	.60 ⁴ 60 ⁴
LEDs/each optic	1	
Light colour	White	. 6° 00 6°
Required component	s:	
		80
		5000
		30* <u>15</u> ⁵ 0* <u>15</u> *



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 Salo, Finland Hong Kong, China

Distribution Partners www.ledil.com/ where_to_buy