

### STRADELLA-8-HV-T3

IESNA Type III (medium) beam for roads that are equal to or wider than mounting height. Variant with improved creepage distance for high voltage circuit designs.

### TECHNICAL SPECIFICATIONS:

Dimensions	49.5 mm
Height	5 mm
Fastening	pin, screw
ROHS compliant	yes 🛈



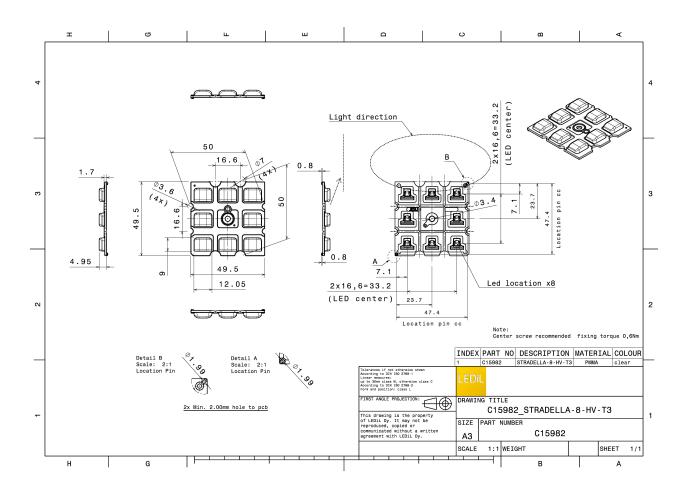
#### MATERIAL SPECIFICATIONS:

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

### **ORDERING INFORMATION:**

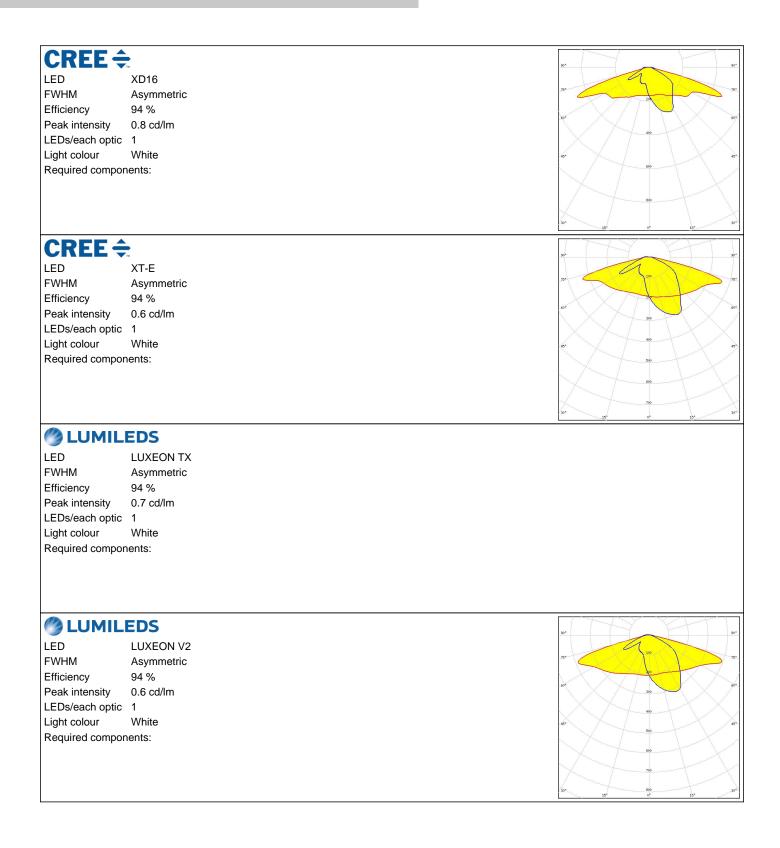
Component	Qty in box	MOQ	MPQ	Box weight (kg)
C15982_STRADELLA-8-HV-T3	800	160	160	5.7
» Box size: 480 x 280 x 300 mm				

# PRODUCT DATASHEET C15982\_STRADELLA-8-HV-T3





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



PRODUCT DATASHEET



### PHOTOMETRIC DATA (MEASURED):

			2
<b><i>Μ</i></b> NICHIΛ		90*	90*
LED	NF2W585AR	2	
FWHM	Asymmetric	254	75*
Efficiency	94 %		$\mathbb{Z}/$
Peak intensity	0.7 cd/lm	.50° 300	60*
LEDs/each optic		X 400	X. /
Light colour	White		5
Required compor			22
i toqui ou compoi		200	$\times$ .
		700	$\times$
		200	
		30° 45 <sup>2</sup> 0° 15°	30*
OSRAM		THYPEH	
Opto Semiconductors		90*	90*
	OSCONIQ S 3030	770	- 75
FWHM	Asymmetric 94 %	1 X - to -	$\frac{1}{2}$
Efficiency		.60*	60*
Peak intensity	0.7 cd/lm		$\leq$
LEDs/each optic		X + 400 X	$\sim$
Light colour	White	45* 500	45*
Required compor	ents:		$\bigvee$
			$\searrow$
		///	$\sim$
		30* 15° 0° 15°	30*
DUIID		T TY Et	
PHILIP		8.	90*
LED	Fortimo FastFlex LED 4x8up PR G5		90*
LED FWHM	Fortimo FastFlex LED 4x8up PR G5 Asymmetric	N°	90*
LED FWHM Efficiency	Fortimo FastFlex LED 4x8up PR G5 Asymmetric 94 %		90* 
LED FWHM Efficiency Peak intensity	Fortimo FastFlex LED 4x8up PR G5 Asymmetric 94 % 0.8 cd/lm	50 <sup>4</sup>	90* 
LED FWHM Efficiency Peak intensity LEDs/each optic	Fortimo FastFlex LED 4x8up PR G5 Asymmetric 94 % 0.8 cd/lm 1	6 <sup>3</sup>	90* 
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	Fortimo FastFlex LED 4x8up PR G5 Asymmetric 94 % 0.8 cd/lm 1 White		90* 77 <sup>4</sup> 60*.
LED FWHM Efficiency Peak intensity LEDs/each optic	Fortimo FastFlex LED 4x8up PR G5 Asymmetric 94 % 0.8 cd/lm 1 White		92* 77 68*
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	Fortimo FastFlex LED 4x8up PR G5 Asymmetric 94 % 0.8 cd/lm 1 White		97 77 504
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	Fortimo FastFlex LED 4x8up PR G5 Asymmetric 94 % 0.8 cd/lm 1 White		90 77. 601.
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	Fortimo FastFlex LED 4x8up PR G5 Asymmetric 94 % 0.8 cd/lm 1 White		997 77 694 67
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	Fortimo FastFlex LED 4x8up PR G5 Asymmetric 94 % 0.8 cd/lm 1 White		99 70 69 60
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	Fortimo FastFlex LED 4x8up PR G5 Asymmetric 94 % 0.8 cd/lm 1 White lents:		99 7* 69 
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	Fortimo FastFlex LED 4x8up PR G5 Asymmetric 94 % 0.8 cd/lm 1 White lents: SEOUL DC 3030C		92 77 69 
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	Fortimo FastFlex LED 4x8up PR G5 Asymmetric 94 % 0.8 cd/lm 1 White ents: SEOUL DC 3030C Asymmetric		99 97 67 67 97 97
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	Fortimo FastFlex LED 4x8up PR G5 Asymmetric 94 % 0.8 cd/lm 1 White ents: SEOUL DC 3030C Asymmetric 94 %		99 77 607 907 78 907
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	Fortimo FastFlex LED 4x8up PR G5 Asymmetric 94 % 0.8 cd/lm 1 White ents: SEOUL DC 3030C Asymmetric 94 % 0.7 cd/lm		99 77 607 907 907
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	Fortimo FastFlex LED 4x8up PR G5 Asymmetric 94 % 0.8 cd/lm 1 White tents: SEOUL DC 3030C Asymmetric 94 % 0.7 cd/lm 1		92 67 67 92 67
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	Fortimo FastFlex LED 4x8up PR G5 Asymmetric 94 % 0.8 cd/lm 1 White ents: SEOUL DC 3030C Asymmetric 94 % 0.7 cd/lm 1 White		90 51 61 61 61 61
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	Fortimo FastFlex LED 4x8up PR G5 Asymmetric 94 % 0.8 cd/lm 1 White ents: SEOUL DC 3030C Asymmetric 94 % 0.7 cd/lm 1 White		90 75 601 90 90 90 90 90 90
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	Fortimo FastFlex LED 4x8up PR G5 Asymmetric 94 % 0.8 cd/lm 1 White ents: SEOUL DC 3030C Asymmetric 94 % 0.7 cd/lm 1 White		90 91 91 91 91 91 91 91 91 91 91 91 91
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	Fortimo FastFlex LED 4x8up PR G5 Asymmetric 94 % 0.8 cd/lm 1 White ents: SEOUL DC 3030C Asymmetric 94 % 0.7 cd/lm 1 White		90 91 91 91 91 91 91 91 91 91 91
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	Fortimo FastFlex LED 4x8up PR G5 Asymmetric 94 % 0.8 cd/lm 1 White ents: SEOUL DC 3030C Asymmetric 94 % 0.7 cd/lm 1 White		90 51 60 61 61

PRODUCT DATASHEET

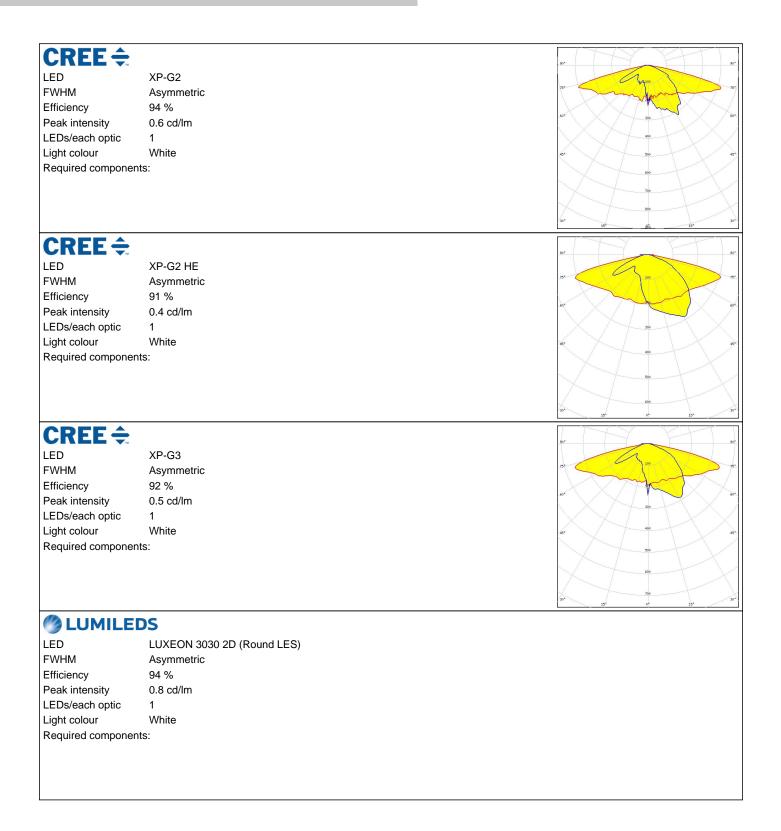


### PHOTOMETRIC DATA (MEASURED):

SEOUL SEMICONDUCTOR	Z5M3	8°.
FWHM	Asymmetric	750 100 780
Efficiency	94 %	
Peak intensity	0.6 cd/lm	80*
LEDs/each optic		
	White	400
Light colour		et. 200
Required compon	ents.	
		600
		710
		30° 15° 800 15° 30°
SEOUL		TNYVHI
SEOUL SEOUL SEMICONDUCTOR		50° 50°
	Z5M4	100 December 2000
SEOUL SEMICONDUCTOR	Z5M4 Asymmetric	30 300 9r
seoul semiconductor		
seoul semiconductor LED FWHM	Asymmetric	
seoul semiconductor LED FWHM Efficiency Peak intensity	Asymmetric 96 % 0.6 cd/lm	
seoul semiconductor LED FWHM Efficiency Peak intensity LEDs/each optic	Asymmetric 96 % 0.6 cd/lm	
seoul semiconductor LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 96 % 0.6 cd/lm 1 White	
seoul semiconductor LED FWHM Efficiency Peak intensity LEDs/each optic	Asymmetric 96 % 0.6 cd/lm 1 White	
seoul semiconductor LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 96 % 0.6 cd/lm 1 White	
seoul semiconductor LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 96 % 0.6 cd/lm 1 White	



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



PRODUCT DATASHEET



#### PHOTOMETRIC DATA (SIMULATED):

#### **LUMILEDS** LED LUXEON 3535 2D FWHM Asymmetric 94 % Efficiency Peak intensity 0.7 cd/lm LEDs/each optic 1 Light colour White Required components: **MNICHIA** LED NF2x757D FWHM Asymmetric 94 % Efficiency Peak intensity 0.8 cd/lm LEDs/each optic 1 White Light colour Required components: **ΜΝΙCΗΙΛ** LED NVSxx19B/NVSxx19C FWHM Asymmetric Efficiency 94 % Peak intensity 0.6 cd/lm LEDs/each optic 1 Light colour White Required components: **Μ**ΝΙCΗΙΛ LED NVSxx19B/NVSxx19C FWHM Asymmetric Efficiency 84 % Peak intensity 0.5 cd/lm LEDs/each optic 1 White Light colour Required components: Transparent protective cover



PRODUCT DATASHEET

### PHOTOMETRIC DATA (SIMULATED):

#### OSRAM

LED	Duris S5 (2 chip)
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	0.7 cd/lm
LEDs/each optic	1
Light colour	White
Required components	

## OSRAM Opto Semicord

LED	OSLON Square EC
FWHM	Asymmetric
Efficiency	93 %
Peak intensity	0.7 cd/lm
LEDs/each optic	1
Light colour	White
Required components	3:

SAMSU	NG	(g)*
LED	LH181A	Chino China
FWHM	Asymmetric	the company of the
Efficiency	94 %	
Peak intensity	0.6 cd/lm	66° <u>300</u> 63*
LEDs/each optic	1	400
Light colour	White	NG* 500 GP*
Required componer	nts:	0,0
		710
		00
		30° 15 <sup>5</sup> 800 15 <sup>4</sup> 80°
SAMSU	NG	
	LH181B	90* 90*
LED FWHM	Asymmetric	730 750
Efficiency	94 %	
Peak intensity	0.7 cd/lm	60*
LEDs/each optic	1	400
Light colour	White	57 5*
Required componer		600
l loquilou compone		
		89



### PHOTOMETRIC DATA (SIMULATED):

SEOUL SEMICONDUCTOR		30 <sup>+</sup>
LED	Z8Y19	
FWHM	Asymmetric	236 200 737
Efficiency	93 %	
Peak intensity	0.8 cd/lm	60°.
LEDs/each optic	1	
Light colour	White	45* 010 45*
Required component	is:	$\times$
		200
		30* 30*
		13 <sup>5</sup> 0 <sup>6</sup> 15 <sup>6</sup>
		90* 92*
SEOUL SEMICONDUCTOR	Z8Y22	y*
seoul semiconductor LED	Z8Y22 Asymmetric	g,
seoul semiconductor LED FWHM	Asymmetric	Br Br
seoul semiconductor LED FWHM Efficiency	Asymmetric 93 %	91 <sup>*</sup> 72 <sup>*</sup> 61 <sup>*</sup> 61 <sup>*</sup> 61 <sup>*</sup>
seoul semiconductor LED FWHM Efficiency Peak intensity	Asymmetric	9° 9° 3° 9° 8° 9° 8° 9° 8° 9° 8° 9°
seoul semiconductor LED FWHM Efficiency Peak intensity LEDs/each optic	Asymmetric 93 % 0.7 cd/lm	9* 9* 6* 60 60 67 67
seoul semiconductor LED FWHM Efficiency Peak intensity	Asymmetric 93 % 0.7 cd/lm 1 White	21
seoul semiconductor LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 93 % 0.7 cd/lm 1 White	21
seoul semiconductor LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 93 % 0.7 cd/lm 1 White	73*
seoul semiconductor LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 93 % 0.7 cd/lm 1 White	21



#### **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:

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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