

STRADELLA-8-T1-A

Asymmetric IESNA Type I (short) beam designed for tilted poles. Suitable for Indian EESL specification.

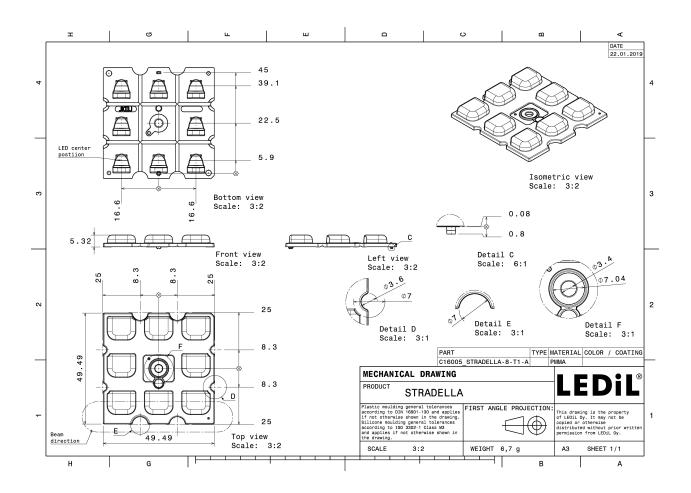
TECHNICAL SPECIFICATIONS:

Dimensions	49.5 mm
Height	5.3 mm
Fastening	pin, screw
Colour	clear
Box size	480 x 280 x 300 mm
Box weight	6.2 kg
Quantity in Box	800 pcs
ROHS compliant	yes 🛈



MATERIAL SPECIFICATIONS:

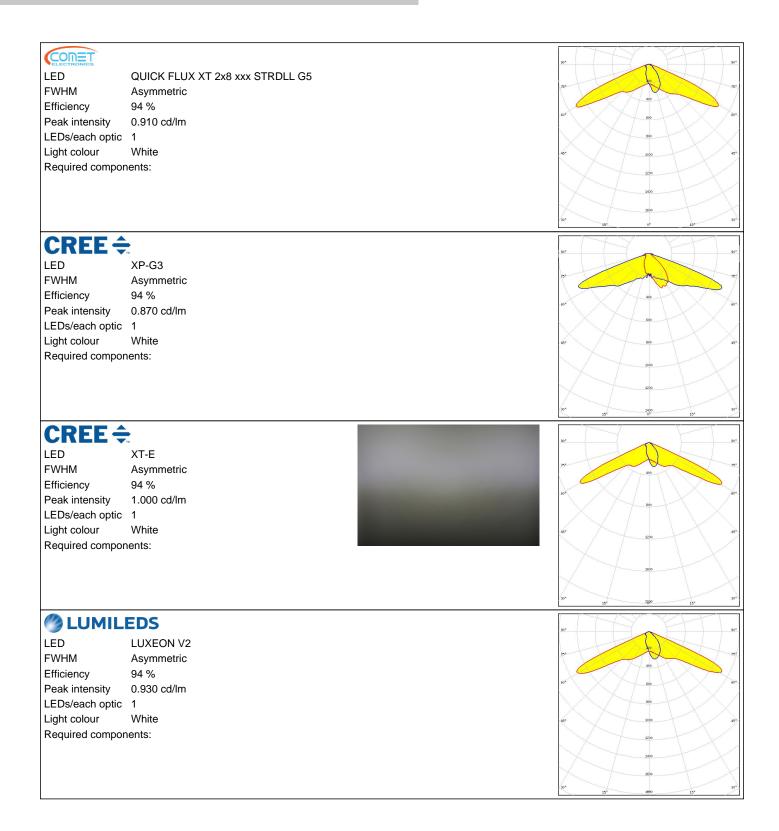
Component STRADELLA-8-T1-A **Type** Multi-lens **Material** PMMA **Colour** clear



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PHOTOMETRIC DATA (MEASURED):





PHOTOMETRIC DATA (MEASURED):

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Μ ΝΙCΗΙΛ		90* 90*
LED	NVSW219D	
FWHM	Asymmetric	73° 000 73°
Efficiency	94 %	400
Peak intensity	0.850 cd/lm	- 60° 60°
LEDs/each optic		
Light colour	White	5°
Required compon	ents:	100
		1200
		1400
		30° 15° 30° 30° 30°
<i>Μ</i> NICHIΛ		
LED	NVSW319B	
FWHM	Asymmetric	739 00 781
Efficiency	94 %	
Peak intensity	0.770 cd/lm	50* 50*
LEDs/each optic		50
Light colour	White	45* 000 45*
Required compon	ents:	
		X/T/X
		1200
		3430
		15 ⁵ 0 ⁶ 15 ⁶
OSRAM Opto Semiconductors		90° 90°
LED	OSLON Square CSSRM2/CSSRM3	
FWHM	Asymmetric	73° 70°
Efficiency	94 %	400
Peak intensity	1.200 cd/lm	60° × 600 × 60°
LEDs/each optic		
Light colour	White	45* 45*
Required compon	ents:	X X X
		1200
		3430
		300 300
		15 ³ 0 ⁶ 19 ⁴



PHOTOMETRIC DATA (SIMULATED):

CREE LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour W Required componen	XP-G2 Asymmetric 94 % 0.973 cd/lm hite ts:	
EUMILEI LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour W Required componen	LUXEON 3030 2D (Round LES) Asymmetric 94 % 1.090 cd/lm hite	5° 6° 6° 129 6° 129 6° 129 6° 129 6°
ED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour W Required componen	LUXEON 3030 2D (Square LES) Asymmetric 94 % 1.020 cd/lm hite	
WICHIA LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour W Required componen	NVSxE21A Asymmetric 93 % 1.300 cd/lm hite ts:	



PHOTOMETRIC DATA (SIMULATED):

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ΜΝΙCΗΙΛ		90* 90
LED	NVSxx19B/NVSxx19C	
FWHM	Asymmetric	754 75
Efficiency	94 %	40
Peak intensity	0.873 cd/lm	60 000 000
LEDs/each optic 1		
-	hite	45* 1000 45
Required component	is:	
		1200
		1400
		1600 15 ⁵ 0 ⁶ 15 ⁵ 30
OSRAM Opto Semiconductors		
		90* 90
LED	OSCONIQ P 3737 (2W version)	73 70 70
FWHM	Asymmetric 94 %	400
Efficiency Peak intensity	94 % 0.830 cd/lm	60* 60
LEDs/each optic 1	0.050 cu/iiii	
	hite	000
Required component		1000
i i oquilou oonipolioni		1200
		2450
		130° 30 15° 30
OSRAM		
Opto Semiconductors		90* 90
Opto Semiconductors	OSLON Square CSSRM2/CSSRM3	50*
Opto Semiconductors	OSLON Square CSSRM2/CSSRM3 Asymmetric	99* 99 73' 90 73
Opto Semiconductors LED FWHM		90* 90 70* 70 60
opto Semiconductors LED FWHM Efficiency Peak intensity	Asymmetric	
opto Semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic 1	Asymmetric 89 % 0.950 cd/lm	
opto Semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour W	Asymmetric 89 % 0.950 cd/lm hite	92* 60* 60 60 60 60 60 60 60 60 60 60
opto Semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour W Required component	Asymmetric 89 % 0.950 cd/lm hite ts:	60 00 100 100 100 100 100 100 100 100 10
opto Semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour W Required component	Asymmetric 89 % 0.950 cd/lm hite	60 00 100 100 100 100 100 100 100 100 10
opto Semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour W Required component	Asymmetric 89 % 0.950 cd/lm hite ts:	60 00 100 100 100 100 100 100 100 100 10
opto Semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour W Required component	Asymmetric 89 % 0.950 cd/lm hite ts:	6° 60 60
opto Semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour W Required component	Asymmetric 89 % 0.950 cd/lm hite ts:	6) ¹ (0) (5) ¹ (2) (1) (1) (1) (1) (1) (1) (1) (1) (1) (1
opto Semiconductors LED FWHM Efficiency Peak intensity LEDS/each optic 1 Light colour W Required component Undefined Manufa	Asymmetric 89 % 0.950 cd/lm hite ts: icturer: Protective Plate, Glass	6) ¹ (0) (5) ¹ (2) (1) (1) (1) (1) (1) (1) (1) (1) (1) (1
opto Semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour W Required component Undefined Manufa OSSRAM Opto Semiconductors LED	Asymmetric 89 % 0.950 cd/lm hite ts: icturer: Protective Plate, Glass OSLON Square PC	6) ¹ (0) (5) ¹ (2) (1) (1) (1) (1) (1) (1) (1) (1) (1) (1
orto Semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour Wi Required component Undefined Manufa Opto Semiconductors LED FWHM	Asymmetric 89 % 0.950 cd/lm hite ts: icturer: Protective Plate, Glass OSLON Square PC Asymmetric	6) ¹ (0) (5) ¹ (2) (1) (1) (1) (1) (1) (1) (1) (1) (1) (1
opto Semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour Wi Required component Undefined Manufa Opto Semiconductors LED FWHM Efficiency	Asymmetric 89 % 0.950 cd/lm hite ts: cturer: Protective Plate, Glass OSLON Square PC Asymmetric 89 %	6) ¹ (0) (5) ¹ (2) (1) (1) (1) (1) (1) (1) (1) (1) (1) (1
orto Semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour Wi Required component Undefined Manufa Opto Semiconductors LED FWHM Efficiency Peak intensity	Asymmetric 89 % 0.950 cd/lm hite ts: icturer: Protective Plate, Glass OSLON Square PC Asymmetric	6) ¹ (0) (5) ¹ (2) (1) (1) (1) (1) (1) (1) (1) (1) (1) (1
orpto Semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour Wi Required component Undefined Manufa Opto Semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic 1	Asymmetric 89 % 0.950 cd/lm hite ts: cturer: Protective Plate, Glass OSLON Square PC Asymmetric 89 % 0.750 cd/lm	6) ¹ (0) (5) ¹ (2) (1) (1) (1) (1) (1) (1) (1) (1) (1) (1
opto Semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour Wi Required component Undefined Manufa Opto Semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour Wi	Asymmetric 89 % 0.950 cd/lm hite ts: cturer: Protective Plate, Glass OSLON Square PC Asymmetric 89 % 0.750 cd/lm hite	6) ¹ (0) (5) ¹ (2) (1) (1) (1) (1) (1) (1) (1) (1) (1) (1
opto Semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour WV Required component Undefined Manufa Opto Semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour WV Required component	Asymmetric 89 % 0.950 cd/lm hite ts: cturer: Protective Plate, Glass OSLON Square PC Asymmetric 89 % 0.750 cd/lm hite ts:	6) ¹ (0) (5) ¹ (2) (1) (1) (1) (1) (1) (1) (1) (1) (1) (1
orto Semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour W Required component Undefined Manufa OSSRAM Opto Semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour W Required component	Asymmetric 89 % 0.950 cd/lm hite ts: cturer: Protective Plate, Glass OSLON Square PC Asymmetric 89 % 0.750 cd/lm hite	6) ¹ (0) (5) ¹ (2) (1) (1) (1) (1) (1) (1) (1) (1) (1) (1
opto Semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour Wi Required component Undefined Manufa OSERAM Opto Semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour Wi Required component	Asymmetric 89 % 0.950 cd/lm hite ts: cturer: Protective Plate, Glass OSLON Square PC Asymmetric 89 % 0.750 cd/lm hite ts:	6) ¹ (0) (5) ¹ (2) (1) (1) (1) (1) (1) (1) (1) (1) (1) (1



PHOTOMETRIC DATA (SIMULATED):

OSRAM		I TAYAHI
Opto Semiconductors	OSLON Square PC	90° 90°
FWHM	OSLON Square PC	750 the too
	Asymmetric	40
Efficiency	94 %	50 ⁴ 500 50*
Peak intensity	0.970 cd/lm	
LEDs/each optic 1		
U U	hite	45* 45*
Required componen	S:	1220
		1400
		1600
		30* 15 ⁵ 0 ⁶ * 15 ⁸ 39*
SAMSU	IC	
		90° 90°
LED	LH351B	
FWHM	Asymmetric	736
Efficiency	94 %	an 400 an
Peak intensity	0.769 cd/lm	
LEDs/each optic 1		$\times \times / \top \times \times$
0	hite	45* 800 45*
Required componen	IS:	1000
		1220
		1400
		^{30*} 15 ⁵ 0 ⁶ 15 [*] ^{30*}
SAMSU	IG	
LED	LH351C	
FWHM	Asymmetric	750 750
Efficiency	94 %	400
	61 /6	
Peak intensity	0.930 cd/lm	504 500 50*
Peak intensity	0.930 cd/lm	100 000
LEDs/each optic 1		60 ⁴ 60 00
LEDs/each optic 1 Light colour W	hite	60 60 60 60 60 60 10 10 10 10 10 10 10 10 10 10 10 10 10
LEDs/each optic 1	hite	0° 1220 0° 100 0° 60 0° 60 60 60
LEDs/each optic 1 Light colour W	hite	50 ⁺ 60 60 50 ⁺ 100 120 120 120
LEDs/each optic 1 Light colour W	hite	302
LEDs/each optic 1 Light colour W	hite	50 ⁴ 50 50 57 1009 57 57 57 57 57 57 57 57 57 57
LEDs/each optic 1 Light colour W Required componen	hite	343
LEDs/each optic 1 Light colour W Required componen scoul semiconductor	hite ss:	303
LEDs/each optic 1 Light colour W Required component storu semiconductor LED	hite Is: Z5M1/Z5M2	343
LEDs/each optic 1 Light colour W Required component seoul semconductor LED FWHM	hite is: Z5M1/Z5M2 Asymmetric	343
LEDs/each optic 1 Light colour W Required component seous semiconductor LED FWHM Efficiency	hite is: Z5M1/Z5M2 Asymmetric 89 %	343
LEDs/each optic 1 Light colour W Required component stous semiconouctor LED FWHM Efficiency Peak intensity	hite is: Z5M1/Z5M2 Asymmetric	303
LEDs/each optic 1 Light colour W Required component stout sentcohortor LED FWHM Efficiency Peak intensity LEDs/each optic 1	hite is: Z5M1/Z5M2 Asymmetric 89 % 0.780 cd/lm	309
LEDs/each optic 1 Light colour W Required component stout semiconouror LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour W	hite is: Z5M1/Z5M2 Asymmetric 89 % 0.780 cd/lm hite	303
LEDs/each optic 1 Light colour W Required component stout stancould of the store LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour W Required component	hite Is: Z5M1/Z5M2 Asymmetric 89 % 0.780 cd/lm hite Is:	
LEDs/each optic 1 Light colour W Required component stout stancould of the store LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour W Required component	hite is: Z5M1/Z5M2 Asymmetric 89 % 0.780 cd/lm hite	
LEDs/each optic 1 Light colour W Required component stout stancould of the store LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour W Required component	hite Is: Z5M1/Z5M2 Asymmetric 89 % 0.780 cd/lm hite Is:	
LEDs/each optic 1 Light colour W Required component store statements EED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour W Required component	hite Is: Z5M1/Z5M2 Asymmetric 89 % 0.780 cd/lm hite Is:	

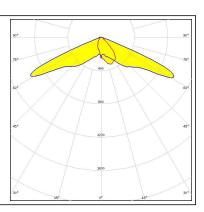
PRODUCT DATASHEET

C16005_STRADELLA-8-T1-A



PHOTOMETRIC DATA (SIMULATED):

SEOUL	
SEOUL SEMICONDUCTOR	
LED	Z5M1/Z5M2
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	1.009 cd/lm
LEDs/each optic	1
Light colour	White
Required compor	ients:





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:

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LEDiL Oy

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