

PRODUCT DATASHEET C16005_STRADELLA-8-T1-A

STRADELLA-8-T1-A

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

TECHNICAL SPECIFICATIONS:

Dimensions Height Fastening ROHS compliant 49.5 x 49.5 mm 5.3 mm pin, screw yes 1



MATERIAL SPECIFICATIONS:

Component STRADELLA-8-T1-A

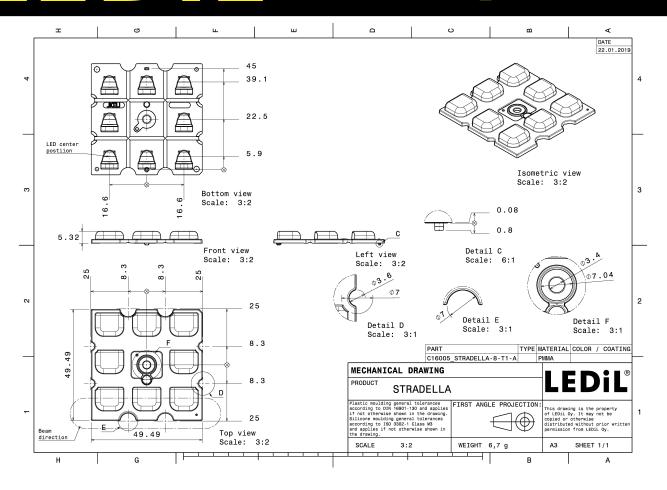
Туре
Multi-lens

Material	Colour	Finish
PMMA	clear	

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C16005_STRADELLA-8-T1-A	800	160	160	6.2
» 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):

	QUICK FLUX XT 2x8 xxx STRDLL G5	
FWHM / FWTM	Asymmetric	736 00 731
Efficiency	94 %	40
Peak intensity	0.9 cd/lm	.60 ⁴ 600 60 ⁴
LEDs/each optic	1	
	White	$X \times / T \setminus X \times$
Light colour Required componer		45° 1000 45°
Required component	15.	1230
		1450
		30° 15° 0° 15° 30°
	1	
		90* 90*
LED	J Series 3030	750 700
FWHM / FWTM	Asymmetric	400
Efficiency	98 %	EUT EUT
Peak intensity	1.1 cd/lm	200
LEDs/each optic	1	
Light colour	White	45° 45°
Required componer	ts:	
		1690
		\times / T \ \times
		30° 15 ⁵ 2050 15° 30°
		NY FAI
LED	XP-G3	90* 91*
FWHM / FWTM	Asymmetric	750 750
Efficiency	94 %	
Peak intensity	0.9 cd/lm	60* 400 60*
LEDs/each optic	1	X And X
Light colour	White	$X \times / X X$
L Roquirod componed		451 800 451
Required componer		45° 80 45°.
Required compone		100
Required componer		e. <u>6</u> , <u>6</u> , <u>6</u> , <u>6</u> , <u>6</u> ,
Required componer		100
	ts:	
	xT-E	1000 1270 1000 1000 1000 1000 1000 1000
CREE LED	xT-E Asymmetric	
LED FWHM / FWTM Efficiency	tts: XT-E Asymmetric 94 %	1000 1270 1000 1000 1000 1000 1000 1000
LED FWHM / FWTM Efficiency Peak intensity	tts: XT-E Asymmetric 94 % 1 cd/lm	1000 1270 1000 1000 1000 1000 1000 1000
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	XT-E Asymmetric 94 % 1 cd/lm 1	
CREE LED EWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	tts: XT-E Asymmetric 94 % 1 cd/lm 1 White	1000 1270 1000 1000 1000 100 100 100 100 100 10
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	tts: XT-E Asymmetric 94 % 1 cd/lm 1 White	
CREE LED EWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	tts: XT-E Asymmetric 94 % 1 cd/lm 1 White	
CREE LED EWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	tts: XT-E Asymmetric 94 % 1 cd/lm 1 White	
CREE LED EWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	tts: XT-E Asymmetric 94 % 1 cd/lm 1 White	



PHOTOMETRIC DATA (MEASURED):

A		
UMIL	EDS	90* 90*
LED	LUXEON V2	
FWHM / FWTM	Asymmetric	70°
Efficiency	94 %	
Peak intensity	0.9 cd/lm	60 00
LEDs/each optic	1	80
Light colour	White	45* 1000 45*
Required compone	nts:	1200
		1400
		1000
		30* 15 ⁵ 1690 15* 30*
		25, 1990 25,
		90* 90*
LED	NVSW219D	
FWHM / FWTM	Asymmetric	755
Efficiency	94 %	50, ⁴⁰⁰ 50 ⁴
Peak intensity	0.9 cd/lm	60
LEDs/each optic	1	80
Light colour	White	45* 45*
Required compone	nts:	
		1230
		1400
		30° 1500 30° 30°
MNICHIA		
		50° - 20°
LED	NVSW319B	
LED FWHM / FWTM	NVSW319B Asymmetric	
LED FWHM / FWTM Efficiency	NVSW319B Asymmetric 94 %	40
LED FWHM / FWTM Efficiency Peak intensity	NVSW319B Asymmetric 94 % 0.8 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	NVSW319B Asymmetric 94 % 0.8 cd/lm 1	50 ⁵ 500
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	NVSW319B Asymmetric 94 % 0.8 cd/lm 1 White	6°*
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	NVSW319B Asymmetric 94 % 0.8 cd/lm 1 White	50 ⁵ 500
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	NVSW319B Asymmetric 94 % 0.8 cd/lm 1 White	50 ⁵ 500
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	NVSW319B Asymmetric 94 % 0.8 cd/lm 1 White	5° 500 5° 1239
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	NVSW319B Asymmetric 94 % 0.8 cd/lm 1 White	6 ⁵ 6 ⁵ 6 ⁵ 100 6 ⁵ 6 ⁵
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component	NVSW319B Asymmetric 94 % 0.8 cd/lm 1 White	60° 60° 60° 60° 1000 60°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer	NVSW319B Asymmetric 94 % 0.8 cd/lm 1 White nts:	60° 60° 60° 60° 1000 60°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer	NVSW319B Asymmetric 94 % 0.8 cd/lm 1 White nts: OSLON Square CSSRM2/CSSRM3	60° 60° 60° 60° 1000 60°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer Optic Semiconductors LED FWHM / FWTM	NVSW319B Asymmetric 94 % 0.8 cd/lm 1 White nts: OSLON Square CSSRM2/CSSRM3 Asymmetric	60° 60° 60° 60° 1000 60°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency	NVSW319B Asymmetric 94 % 0.8 cd/lm 1 White nts: OSLON Square CSSRM2/CSSRM3 Asymmetric 94 %	60° 60° 60° 60° 1000 60°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity	NVSW319B Asymmetric 94 % 0.8 cd/lm 1 White nts: OSLON Square CSSRM2/CSSRM3 Asymmetric 94 % 1.2 cd/lm	6° 20 6° 6° 90 6° 100 122
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	NVSW319B Asymmetric 94 % 0.8 cd/lm 1 White nts: OSLON Square CSSRM2/CSSRM3 Asymmetric 94 % 1.2 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	NVSW319B Asymmetric 94 % 0.8 cd/lm 1 White nts: OSLON Square CSSRM2/CSSRM3 Asymmetric 94 % 1.2 cd/lm 1 White	50° 200 60° 40° 200 40° 40° 40° 1000 40°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	NVSW319B Asymmetric 94 % 0.8 cd/lm 1 White nts: OSLON Square CSSRM2/CSSRM3 Asymmetric 94 % 1.2 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component Optic Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	NVSW319B Asymmetric 94 % 0.8 cd/lm 1 White nts: OSLON Square CSSRM2/CSSRM3 Asymmetric 94 % 1.2 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component Optic Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	NVSW319B Asymmetric 94 % 0.8 cd/lm 1 White nts: OSLON Square CSSRM2/CSSRM3 Asymmetric 94 % 1.2 cd/lm 1 White	



PHOTOMETRIC DATA (MEASURED):

SEOUL		
SEOUL SEMICONDUCTOR		90* 99*
LED	Z5M4	
FWHM / FWTM	Asymmetric	72
Efficiency	97 %	
Peak intensity	0.9 cd/lm	50°
LEDs/each optic	1	
Light colour	White	d*d*
Required compone	ents:	
		320
		100
		204 900 394
		20° 100 13° 0° 13° 0°



	XP-G2	80
FWHM / FWTM	Asymmetric	736 75*
Efficiency	94 %	40
Peak intensity	1 cd/lm	60 ⁴ 600 60*
LEDs/each optic	1	
Light colour	' White	1000
Required components:	White	45* 65*
Required components.		1490
		1600
		1800
		30° 13 ³ 0° 15° 30°
		90* 90*
LED	XP-G3	
FWHM / FWTM	Asymmetric	750 750
Efficiency	83 %	
Peak intensity	0.6 cd/lm	60° 400 60°.
LEDs/each optic	1	
Light colour	White	45* 600 45*
Required components:		
		\times / \top / \times
Protective plate	e, glass	1000
		30 13 ⁵ 12 ⁵ 12 ⁵ 15 ⁴ 30
)S	90° 90°
LED	LUXEON 3030 2D (Round LES)	
FWHM / FWTM	Asymmetric	75* 400 78*
Efficiency	94 %	
Peak intensity	1.1 cd/lm	
LEDs/each optic	1	X//T
Light colour	White	6° 6°
Required components:		1200
		1600
		30.4
	5	
		90* 90*
LED	LUXEON 3030 2D (Square LES)	75
FWHM / FWTM	Asymmetric	400
Efficiency	94 %	60 ⁴ 600 60 ⁴
Peak intensity	1 cd/lm	
LEDs/each optic	1	1000
Light colour	White	45°
Required components:		
		1400
		1630
		30* 15 ⁵ 0 ⁶ 15* 30*



	אר	THY YHI
		90* 9
	LUXEON 3030 HE Plus	735
FWHM / FWTM	Asymmetric	400
Efficiency	95 %	ave a set of the set o
Peak intensity	0.8 cd/lm	60
LEDs/each optic	1	800
Light colour	White	45*
Required components:		
		1220
		3400
		30* 15 ⁵ 16 ³⁰ 19* 3
	DS	90*
LED	LUXEON 3030 HE Plus	
FWHM / FWTM	Asymmetric	72.0
Efficiency	86 %	
Peak intensity	0.7 cd/lm	.60*
LEDs/each optic	1	
Light colour	White	
Required components:		
		1000
Protective plat	le, glass	1220
		30.
		90°
		9)* · · · · · · · · · · · · · · · · · · ·
LED	LUXEON 3535L HE PLUS	30* 9 73* 7
LED FWHM / FWTM		2 ¹
LED FWHM / FWTM Efficiency	LUXEON 3535L HE PLUS Asymmetric	90° - 9 73° - 9 60° - 6
LED FWHM / FWTM	LUXEON 3535L HE PLUS Asymmetric 86 %	
LED FWHM / FWTM Efficiency Peak intensity	LUXEON 3535L HE PLUS Asymmetric 86 % 0.7 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LUXEON 3535L HE PLUS Asymmetric 86 % 0.7 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON 3535L HE PLUS Asymmetric 86 % 0.7 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON 3535L HE PLUS Asymmetric 86 % 0.7 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON 3535L HE PLUS Asymmetric 86 % 0.7 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Protective plat	LUXEON 3535L HE PLUS Asymmetric 86 % 0.7 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Protective plat	LUXEON 3535L HE PLUS Asymmetric 86 % 0.7 cd/lm 1 White Ite, glass	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Protective plat	LUXEON 3535L HE PLUS Asymmetric 86 % 0.7 cd/lm 1 White Re, glass	201
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Protective plat	LUXEON 3535L HE PLUS Asymmetric 86 % 0.7 cd/lm 1 White Re, glass	201
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Protective plat	LUXEON 3535L HE PLUS Asymmetric 86 % 0.7 cd/lm 1 White Re, glass	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Protective plat	LUXEON 3535L HE PLUS Asymmetric 86 % 0.7 cd/lm 1 White te, glass DS LUXEON 3535L HE PLUS Asymmetric 95 % 0.8 cd/lm	200 200 200 200 200 200 200 200 200 200
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Protective plat CONTINUE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LUXEON 3535L HE PLUS Asymmetric 86 % 0.7 cd/lm 1 White te, glass DS LUXEON 3535L HE PLUS Asymmetric 95 % 0.8 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Protective plat	LUXEON 3535L HE PLUS Asymmetric 86 % 0.7 cd/lm 1 White te, glass DS LUXEON 3535L HE PLUS Asymmetric 95 % 0.8 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Protective plat CONTINUE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LUXEON 3535L HE PLUS Asymmetric 86 % 0.7 cd/lm 1 White te, glass DS LUXEON 3535L HE PLUS Asymmetric 95 % 0.8 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Protective plat	LUXEON 3535L HE PLUS Asymmetric 86 % 0.7 cd/lm 1 White te, glass DS LUXEON 3535L HE PLUS Asymmetric 95 % 0.8 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Protective plat Orective plat Orective plat	LUXEON 3535L HE PLUS Asymmetric 86 % 0.7 cd/lm 1 White te, glass DS LUXEON 3535L HE PLUS Asymmetric 95 % 0.8 cd/lm 1 White	



LUMILED	DS	
LED	LUXEON HL2X	
FWHM / FWTM	Asymmetric	75° 75°
Efficiency	85 %	
Peak intensity	0.6 cd/lm	.60° 400 60°.
LEDs/each optic	1	
Light colour	White	15° 660 5°
Required components:		
		\times / \top / \times
Protective plate	e, glass	1000
		30* 30*
		13 ⁵
		90* 90*
LED	LUXEON HL2X	
FWHM / FWTM	Asymmetric	
Efficiency	94 %	50° 400 50°.
Peak intensity	0.7 cd/lm	600
LEDs/each optic	1	\times \times $/$ \times \times \times
Light colour	White	45* 800 45*
Required components:		1000
		1200
		30° 15° 30°
Μ ΝΙCΗΙΛ		
		90 ⁺ 90 ⁺
LED FWHM / FWTM	NVSxE21A	750 750
Efficiency	Asymmetric 93 %	
Peak intensity	1.3 cd/lm	.50 ⁴ 810 60*.
LEDs/each optic	1	
Light colour	White	1200
Required components:		
		1500
		\times / \top / \times
		30° 119 ⁶ 0° 119° 30°
ΜΝΙCΗΙΛ		90° 90°
LED	NVSxx19B/NVSxx19C	
FWHM / FWTM	Asymmetric	730 750
Efficiency	94 %	40
Peak intensity	0.9 cd/lm	50° <u>600</u> ^{60*}
LEDs/each optic	1	
Light colour	White	45* 2000 45*
Required components:		
		1200
		3430
		30* 1650 30*



OSRAM Opto Semiconductors		
LED	OSCONIQ C 2424	
FWHM / FWTM	Asymmetric	25. 25.
Efficiency	87 %	400
Peak intensity	1 cd/lm	50° 600 60°
LEDs/each optic	1 White	
Light colour	White	45, 43,
Required components:		1230
Protective plate	e, glass	1400
		1630
		30* <u>155</u> 0° 15° 31°
OSRAM Opto Semiconductors		90* 90*
LED	OSCONIQ C 2424	
FWHM / FWTM	Asymmetric	238 400 705
Efficiency	95 %	
Peak intensity	1.1 cd/im	60 ⁶ 60 ⁶
LEDs/each optic	1	\times / \top \times
Light colour	White	47 I200 674
Required components:	White	
		1000
		\times / T / X
		2000
		30° 15° 0° 15° 30°
OSRAM		THA KHEN
Opto Semiconductors		
Opto Semiconductors LED	OSCONIQ P 3030	90° 90° 25° 00 72°
Opto Semiconductors LED FWHM / FWTM	Asymmetric	97 73 60 60
opto Semiconductors LED FWHM / FWTM Efficiency	Asymmetric 95 %	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity	Asymmetric 95 % 0.9 cd/lm	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 95 % 0.9 cd/lm 1	61 ⁴ 900 67 ⁴
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 95 % 0.9 cd/lm	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 95 % 0.9 cd/lm 1	50 ³ 600 60 ⁴
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 95 % 0.9 cd/lm 1	60° 000 00° 00° 00° 00° 00° 00° 00° 00°
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 95 % 0.9 cd/lm 1	60° 60° 60° 60° 60° 60° 60° 60° 60° 60°
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 95 % 0.9 cd/lm 1	55 ⁵ 60 67 80 45 ⁷ 2000 6 ⁹
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 95 % 0.9 cd/lm 1	50° 60 60° 50° 1000 6° 1000 6° 1000 6°
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 95 % 0.9 cd/lm 1 White	50° 60 60° 50° 1000 6° 1000 6° 1000 6°
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 95 % 0.9 cd/lm 1 White OSCONIQ P 3737 (2W version)	50° 60 60° 50° 2000 60° 1000 60°
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: OSRAM Opto Semiconductors LED FWHM / FWTM	Asymmetric 95 % 0.9 cd/lm 1 White OSCONIQ P 3737 (2W version) Asymmetric	60 60 60 60 60 60 60 60 60 60 60 60 60 60 6
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency	Asymmetric 95 % 0.9 cd/lm 1 White OSCONIQ P 3737 (2W version) Asymmetric 94 %	20- 20- 20- 20- 20- 20- 20- 20-
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity	Asymmetric 95 % 0.9 cd/lm 1 White OSCONIQ P 3737 (2W version) Asymmetric 94 % 0.8 cd/lm	60 60 60 60 60 60 60 60 60 60 60 60 60 60 6
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 95 % 0.9 cd/lm 1 White OSCONIQ P 3737 (2W version) Asymmetric 94 % 0.8 cd/lm 1	
opte Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: COSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 95 % 0.9 cd/lm 1 White OSCONIQ P 3737 (2W version) Asymmetric 94 % 0.8 cd/lm	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 95 % 0.9 cd/lm 1 White OSCONIQ P 3737 (2W version) Asymmetric 94 % 0.8 cd/lm 1	
opte Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: COSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 95 % 0.9 cd/lm 1 White OSCONIQ P 3737 (2W version) Asymmetric 94 % 0.8 cd/lm 1	
opte Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: COSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 95 % 0.9 cd/lm 1 White OSCONIQ P 3737 (2W version) Asymmetric 94 % 0.8 cd/lm 1	
opto semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: COSRAM Opto semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 95 % 0.9 cd/lm 1 White OSCONIQ P 3737 (2W version) Asymmetric 94 % 0.8 cd/lm 1	



OSRAM Opto Semiconductors		90* 90*
LED	OSLON Square CSSRM2/CSSRM3	
FWHM / FWTM	Asymmetric	73° 300 75°
Efficiency	89 %	400
Peak intensity	1 cd/lm	604 600 60*
LEDs/each optic	1	00
Light colour	White	45* 1000 45*
Required components:		
		1270
Protective plate	e, glass	1430
		1000
		30* 30* 30*
OSRAM Opto Semiconductors		90* 90*
LED	OSLON Square PC	
FWHM / FWTM	Asymmetric	70° 000
Efficiency	89 %	40
Peak intensity	0.8 cd/lm	, 60 ⁴
LEDs/each optic	1	eio -
Light colour	White	45* 000 45*
Required components:		
		1000
Protective plate	e, glass	1200
		30* 309
		30° 1400 30° 30°
OSRAM Opto Semiconductors		
		90* 90*
	OSLON Square PC	90* 90*
LED FWHM / FWTM	OSLON Square PC Asymmetric	20 Array Str. Bis
LED FWHM / FWTM	OSLON Square PC Asymmetric 94 %	
LED FWHM / FWTM Efficiency	Asymmetric 94 %	
LED FWHM / FWTM Efficiency Peak intensity	Asymmetric	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 94 % 1 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 94 % 1 cd/lm 1	. 40 ⁴ 000 007
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 94 % 1 cd/lm 1	40 ⁴ 00 00 00 00 00 00 00 00 00 00 00 00 00
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 94 % 1 cd/lm 1	6°, 129 6°, 129 6°, 6°, 6°, 6°, 6°, 6°, 6°, 6°, 6°, 6°,
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 94 % 1 cd/lm 1	60 ⁴ 60 ⁴ 60 ⁴ 1000 100
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 94 % 1 cd/lm 1 White	65 109 67 109 67 149
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 94 % 1 cd/lm 1 White	00 00 00 00 00 00 00 00 00 00 00 00 00
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 94 % 1 cd/lm 1 White	00 00 00 00 00 00 00 00 00 00 00 00 00
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: SAMSUN LED	Asymmetric 94 % 1 cd/lm 1 White	00 00 00 00 00 00 00 00 00 00 00 00 00
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: SAMSUN LED FWHM / FWTM	Asymmetric 94 % 1 cd/lm 1 White G LH351B Asymmetric	00 00 00 00 00 00 00 00 00 00 00 00 00
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: SAMSUN LED FWHM / FWTM Efficiency	Asymmetric 94 % 1 cd/lm 1 White G LH351B Asymmetric 94 %	60° 60° 60° 60° 1000 60° 1000 60° 1000 100 100 100 1000 100 1000
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: SAMSUN LED FWHM / FWTM Efficiency Peak intensity	Asymmetric 94 % 1 cd/lm 1 White G LH351B Asymmetric 94 % 0.8 cd/lm	60° 60° 60° 60° 1000 60° 1000 60° 1000 100 100 100 1000 100 1000
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: SAMSUN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 94 % 1 cd/lm 1 White G LH351B Asymmetric 94 % 0.8 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: SAMSUN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 94 % 1 cd/lm 1 White G LH351B Asymmetric 94 % 0.8 cd/lm	00 00 00 00 00 00 00 00 00 00
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: SAMSUN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 94 % 1 cd/lm 1 White G LH351B Asymmetric 94 % 0.8 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: SAMSUN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 94 % 1 cd/lm 1 White G LH351B Asymmetric 94 % 0.8 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: SAMSUN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 94 % 1 cd/lm 1 White G LH351B Asymmetric 94 % 0.8 cd/lm 1	



SAMSUI	NG		90		
LED	LH351B				
FWHM / FWTM	Asymmetric		.75		
Efficiency	86 %				
Peak intensity	0.6 cd/lm		.60	~ / 40	•
LEDs/each optic	1		2		
Light colour	White		45		
Required components:					. 1
Protective pla					
FIDIECTIVE pla	ile, glass			10	
			/30	155 188	0 <u>15</u> *
SAMSUI	NG		90	THY.	ATT
LED	LH351C				
FWHM / FWTM	Asymmetric		75	M	T N P
Efficiency	94 %			40	. 7 / /
Peak intensity	0.9 cd/lm		.50		\rightarrow
LEDs/each optic	1			XX	\mathcal{X}
Light colour	White		45	\times \times $/$	
Required components:					•
				12	• TX
				14	• + >
			×	16	0
			/30	135 0	
			90	. MY	FHT
LED	Z5M1/Z5M2				
FWHM / FWTM	Asymmetric		.75		
Efficiency	89 %			40	· Freedow
Peak intensity	0.8 cd/lm		60	\sim \sim \sim \sim	\mathcal{W}
LEDs/each optic	1		<u></u>	$\vee \vee \square$	$\neg \checkmark \land$
Light colour	White		45		
Required economic to					
Required components:				10	0 T
Protective pla				10	
					•
Protective pla			200		•
		 	20		•
Protective pla		 			•
Protective pla	te, glass		290		
Protective pla	te, glass Z5M1/Z5M2		20		
Protective pla	te, glass Z5M1/Z5M2 Asymmetric				
Protective pla	te, glass Z5M1/Z5M2 Asymmetric 94 %		90		
Protective pla scoul semiconductor LED FWHM / FWTM Efficiency Peak intensity	te, glass Z5M1/Z5M2 Asymmetric 94 % 1 cd/lm		200 200 250 250 250 250 250 250 250 250		
Protective pla scoul semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	te, glass Z5M1/Z5M2 Asymmetric 94 % 1 cd/lm 1 White		20		
Protective pla seous semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	te, glass Z5M1/Z5M2 Asymmetric 94 % 1 cd/lm 1 White		200 200 200 200 200 200 200 200 200 200		
Protective pla scoul semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	te, glass Z5M1/Z5M2 Asymmetric 94 % 1 cd/lm 1 White		200 200 200 200 200 200 200 200 200 200		



PRODUCT DATASHEET C16005_STRADELLA-8-T1-A

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

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

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