

# PRODUCT DATASHEET C15677\_STRADELLA-8-SCL

# STRADELLA-8-SCL

Type II/III (long) beam for very wide pole to pole distances. Ideal for pedestrian walkways and residential roads. EN13201 P-classes.

### **SPECIFICATION:**

Dimensions Height Fastening ROHS compliant 49.5 x 49.5 mm 5.4 mm pin, screw yes ()



#### **MATERIALS:**

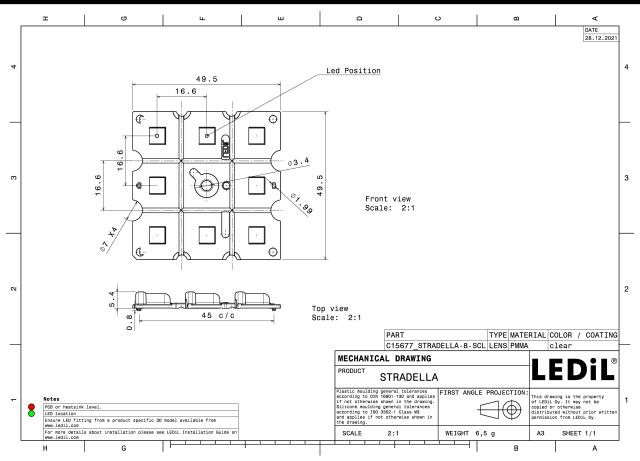
Component	Туре	Material	Colour	Finish
STRADELLA-8-SCL	Multi-lens	PMMA	clear	

### **ORDERING INFORMATION:**

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C15677_STRADELLA-8-SCL	800	160	160	6.0
» Box size: 480 x 280 x 300 mm				



# PRODUCT DATASHEET C15677\_STRADELLA-8-SCL



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



# **OPTICAL RESULTS (MEASURED):**

P*	
	90*
LED QUICK FLUX XT 2x8 xxx STRDLL G5	1
FWHM / FWTM Asymmetric	75:
Efficiency 90 %	
Peak intensity 0.7 cd/lm	604
LEDs/each optic 1	400
Light colour White	
Required components:	
	800
50° 10°	1000 0° 10° 30°
CREE ÷	L-T
	90*
LED J Series 3030	
FWHM / FWTM Asymmetric	
Efficiency 94 %	
Peak intensity 0.7 cd/lm	400
LEDs/each optic 1	
Light colour White	600 45*
Required components:	
	800
39*	1000 0° 15° 30°
	0° 15°
CREE ÷	90*
LED XT-E	5
FWHM / FWTM Asymmetric	
Efficiency 93 %	$\square$
Peak intensity 0.7 cd/lm	60*
LEDs/each optic 1	
Light colour White	45%
Required components:	600
	800
	1000 10° 30°
30* 22	
	90*
LUMILEDS	
LUMILEDS LED LUXEON 3030 2D (Round LES)	
Image: Constraint of the system Image: Constraint of the system   Image: Constraint of the system Image: Constraint of the system   Image: Constraint of the system Image: Constraint of the system   Image: Constraint of the system Image: Constraint of the system   Image: Constraint of the system Image: Constraint of the system   Image: Constraint of the system Image: Constraint of the system   Image: Constraint of the system Image: Constraint of the system   Image: Constraint of the system Image: Constraint of the system   Image: Constraint of the system Image: Constraint of the system   Image: Constraint of the system Image: Constraint of the system   Image: Constraint of the system Image: Constraint of the system   Image: Constraint of the system Image: Constraint of the system   Image: Constraint of the system Image: Constraint of the system   Image: Constraint of the system Image: Constraint of the system   Image: Constraint of the system Image: Constraint of the system   Image: Constraint of the system Image: Constraint of the system   Image: Constraint of the system Image: Constraint of the system   Image: Constraint of the system Image: Constraint of the system   Image: Constraint of the system Image: Constraint of the system   Image: Constraint of the system <th></th>	
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Image: Second system   Image: Second system     Image: Second	20 20 40
Image: Second system   Image: Second system     Image: Second	20
Image: Constraint of the system of the sy	20 00 00 00
LUMILEDS     LED   LUXEON 3030 2D (Round LES)     FWHM / FWTM   Asymmetric     Efficiency   94 %     Peak intensity   0.8 cd/lm     LEDs/each optic   1	10 60 60 60
Image: Constraint of the system of the sy	60 60 60 60
Image: Constraint of the system of the sy	80 00 80 00 80 00



# **OPTICAL RESULTS (MEASURED):**

<b>ØNICHI</b>	к	90* 90*
LED	NVSW219D	7200
FWHM / FWTM	Asymmetric	75°
Efficiency	93 %	
Peak intensity	0.6 cd/lm	50° 300 601
LEDs/each optic	1	400
Light colour	White	45* 540 45
Required compone	nts:	
		700
		30* 30*
0000414		
OSRAM Opto Semiconductors		90° 90°
LED	OSLON Square CSSRM2/CSSRM3	
FWHM / FWTM	Asymmetric	75%
Efficiency	93 %	
Peak intensity	0.7 cd/lm	60* 60*
LEDs/each optic	1	
Light colour	White	45* 000 95*
Required compone	nts:	
		800
		$\times$ / $\times$ /
		1000
		130° 15° 30° 15°
SAMSL	ING	90* 90*
LED	LH181B	
FWHM / FWTM	Asymmetric	75°
	92 %	
Efficiency		61 60
Efficiency Peak intensity	92 %	50° 60°
Efficiency Peak intensity LEDs/each optic	92 % 0.7 cd/lm	
Efficiency Peak intensity	92 % 0.7 cd/lm 1 White	est
Efficiency Peak intensity LEDs/each optic Light colour	92 % 0.7 cd/lm 1 White	60° 60° 60°
Efficiency Peak intensity LEDs/each optic Light colour	92 % 0.7 cd/lm 1 White	607 609 609 609
Efficiency Peak intensity LEDs/each optic Light colour	92 % 0.7 cd/lm 1 White	
Efficiency Peak intensity LEDs/each optic Light colour Required component	92 % 0.7 cd/lm 1 White	
Efficiency Peak intensity LEDs/each optic Light colour Required component	92 % 0.7 cd/lm 1 White	
Efficiency Peak intensity LEDs/each optic Light colour Required component scour semiconductor	92 % 0.7 cd/m 1 White hts:	50°
Efficiency Peak intensity LEDs/each optic Light colour Required component seour semiconourcor LED	92 % 0.7 cd/m 1 White hts: Z8Y22P	60 <sup>5</sup> 60 <sup>5</sup> 60 <sup>6</sup> 80
Efficiency Peak intensity LEDs/each optic Light colour Required component stour stericonductor LED FWHM / FWTM	92 % 0.7 cd/m 1 White hts: Z8Y22P Asymmetric	89*
Efficiency Peak intensity LEDs/each optic Light colour Required component security security LED FWHM / FWTM Efficiency	92 % 0.7 cd/m 1 White hts: Z8Y22P Asymmetric 93 %	89*
Efficiency Peak intensity LEDs/each optic Light colour Required component secures secures LED FWHM / FWTM Efficiency Peak intensity	92 % 0.7 cd/m 1 White hts: Z8Y22P Asymmetric	8°
Efficiency Peak intensity LEDs/each optic Light colour Required component stous semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	92 % 0.7 cd/m 1 White hts: Z8Y22P Asymmetric 93 % 0.6 cd/m 1	8°
Efficiency Peak intensity LEDs/each optic Light colour Required component stous ISMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	92 % 0.7 cd/m 1 White TS: Z8Y22P Asymmetric 93 % 0.6 cd/m 1 White	8° 7° 7° 8° 9° 9° 9° 9° 9° 9° 9° 9° 9° 9° 9° 9° 9°
Efficiency Peak intensity LEDs/each optic Light colour Required component stous semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	92 % 0.7 cd/m 1 White TS: Z8Y22P Asymmetric 93 % 0.6 cd/m 1 White	8° 7° 7° 8° 9° 9° 9° 9° 9° 9° 9° 9° 9° 9° 9° 9° 9°
Efficiency Peak intensity LEDs/each optic Light colour Required component stous ISMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	92 % 0.7 cd/m 1 White TS: Z8Y22P Asymmetric 93 % 0.6 cd/m 1 White	8° 10° 10° 10° 10° 10° 10° 10° 10
Efficiency Peak intensity LEDs/each optic Light colour Required component stous stmconoucron LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	92 % 0.7 cd/m 1 White TS: Z8Y22P Asymmetric 93 % 0.6 cd/m 1 White	8° 7° 7° 8° 9° 9° 9° 9° 9° 9° 9° 9° 9° 9° 9° 9° 9°



LED	J Series 5050C 6V E Class	90* 90*
FWHM / FWTM	Asymmetric	736 700
Efficiency	77 %	
Peak intensity	0.3 cd/lm	-50° - 60°.
LEDs/each optic	1	
Light colour	White	45°
Required components:	THRC .	
required componente.		300
Protective plate	e, glass	$\times$ / $\setminus$ $\times$
		400
		(30* 30* 30* 30*
		90° 90°
LED	J Series 5050C 6V E Class	
FWHM / FWTM	Asymmetric	200 75°
Efficiency	93 %	
Peak intensity	0.4 cd/lm	APT POLY
LEDs/each optic	1	X 300 X
Light colour	White	45° 6°
Required components:		40
		500
		$\times$
		30* 500
		90°
CREE ÷ LEDs	XP-G3	90 <sup>2</sup>
	Asymmetric	
LED FWHM / FWTM Efficiency	Asymmetric 90 %	
LED FWHM / FWTM Efficiency Peak intensity	Asymmetric 90 % 0.6 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 90 % 0.6 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 90 % 0.6 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 90 % 0.6 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 90 % 0.6 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 90 % 0.6 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 90 % 0.6 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 90 % 0.6 cd/lm 1	200 70 200 200
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 90 % 0.6 cd/lm 1 White	200 70 200 200
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 90 % 0.6 cd/lm 1 White XP-G3	200 70 200 200
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 90 % 0.6 cd/lm 1 White XP-G3 Asymmetric	200 70 200 200
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: CREE LED FWHM / FWTM Efficiency	Asymmetric 90 % 0.6 cd/lm 1 White XP-G3 Asymmetric 74 %	200
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: CREE LED FWHM / FWTM Efficiency Peak intensity	Asymmetric 90 % 0.6 cd/lm 1 White XP-G3 Asymmetric 74 % 0.3 cd/lm	200
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: CREE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 90 % 0.6 cd/lm 1 White XP-G3 Asymmetric 74 % 0.3 cd/lm 1	200
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: CREE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 90 % 0.6 cd/lm 1 White XP-G3 Asymmetric 74 % 0.3 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: CREE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 90 % 0.6 cd/lm 1 White XP-G3 Asymmetric 74 % 0.3 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: CREE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 90 % 0.6 cd/lm 1 White XP-G3 Asymmetric 74 % 0.3 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: CREE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 90 % 0.6 cd/lm 1 White XP-G3 Asymmetric 74 % 0.3 cd/lm 1 White	



CREE ≑		
LEDS	XP-G4	90° 90°
		750
FWHM / FWTM	Asymmetric	
Efficiency	93 %	
Peak intensity	0.6 cd/lm	400
LEDs/each optic	1	
Light colour	White	45* 000 45*
Required components:		
		30* 30*
		90* 90*
LED	XP-G4	
FWHM / FWTM	Asymmetric	300 77°
Efficiency	75 %	
Peak intensity	0.4 cd/lm	$\overline{\mathbf{N}}$
LEDs/each optic	1	
Light colour	White	45° 5°
Required components:		400
Protective plate	e, glass	× 1 ×
		30*
		194 Pro 200
		15 <sup>3</sup> 0 <sup>4</sup> 15 <sup>4</sup>
		12 <sup>3</sup> 2 <sup>3</sup> 12 <sup>3</sup>
LED	LUXEON 5050 Square LES	
LED FWHM / FWTM	LUXEON 5050 Square LES Asymmetric	25 <sup>1</sup> 25 <sup>2</sup> 25 <sup>2</sup> 25 <sup>2</sup>
LED FWHM / FWTM Efficiency	LUXEON 5050 Square LES Asymmetric 92 %	12 <sup>3</sup> 20 <sup>3</sup> 12 <sup>4</sup>
LED FWHM / FWTM Efficiency Peak intensity	LUXEON 5050 Square LES Asymmetric 92 % 0.4 cd/lm	12 <sup>4</sup> 29 <sup>4</sup> 19 <sup>4</sup> 99 <sup>4</sup> 17 <sup>3</sup> 100 100 100 100 100 100 100 100 100 10
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LUXEON 5050 Square LES Asymmetric 92 % 0.4 cd/lm 1	12 <sup>4</sup> 20 10 <sup>4</sup> 20 10 <sup>4</sup> 00 10 <sup>4</sup>
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON 5050 Square LES Asymmetric 92 % 0.4 cd/lm	12 <sup>1</sup> 2 <sup>1</sup> 12 <sup>n</sup> 12 <sup>n</sup>
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LUXEON 5050 Square LES Asymmetric 92 % 0.4 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON 5050 Square LES Asymmetric 92 % 0.4 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON 5050 Square LES Asymmetric 92 % 0.4 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON 5050 Square LES Asymmetric 92 % 0.4 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON 5050 Square LES Asymmetric 92 % 0.4 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON 5050 Square LES Asymmetric 92 % 0.4 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON 5050 Square LES Asymmetric 92 % 0.4 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON 5050 Square LES Asymmetric 92 % 0.4 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON 5050 Square LES Asymmetric 92 % 0.4 cd/lm 1 White S LUXEON C Asymmetric 89 %	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON 5050 Square LES Asymmetric 92 % 0.4 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON 5050 Square LES Asymmetric 92 % 0.4 cd/lm 1 White S LUXEON C Asymmetric 89 % 0.9 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: <b>ED</b> FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON 5050 Square LES Asymmetric 92 % 0.4 cd/lm 1 White S LUXEON C Asymmetric 89 % 0.9 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: <b>With Components:</b> <b>With Components:</b> <b>ED</b> FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LUXEON 5050 Square LES Asymmetric 92 % 0.4 cd/lm 1 White S LUXEON C Asymmetric 89 % 0.9 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: <b>ED</b> FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON 5050 Square LES Asymmetric 92 % 0.4 cd/lm 1 White S LUXEON C Asymmetric 89 % 0.9 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: <b>WIM / COMPARENT</b> LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON 5050 Square LES Asymmetric 92 % 0.4 cd/lm 1 White S LUXEON C Asymmetric 89 % 0.9 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: <b>WIM / COMPARENT</b> LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON 5050 Square LES Asymmetric 92 % 0.4 cd/lm 1 White S LUXEON C Asymmetric 89 % 0.9 cd/lm 1	



	)S	90* 90*
LED	LUXEON HL2X	
FWHM / FWTM	Asymmetric	75°
Efficiency	74 %	100
Peak intensity	0.3 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required components:		
		$\times$ / $\times$
Protective plate	e, glass	400
		$\times$ / $\setminus$ $\times$
		30° 15° 33° 33°
MICHIΛ		90* B
LED	NVSxE21A	
FWHM / FWTM	Asymmetric	73°
Efficiency	91 %	an 400 - 201
Peak intensity	0.8 cd/lm	$ \times / /  \times / $
LEDs/each optic	1	× 600 ×
Light colour	White	45° 67°
Required components:		800
		1000
		30° 1200 30°
		15' 0' 15'
Mauguna		
ØΝΙCΗΙΛ		20* 22*
LED	NVSxx19B/NVSxx19C	
LED FWHM / FWTM	Asymmetric	94 94 284 99 285
LED FWHM / FWTM Efficiency	Asymmetric 91 %	
LED FWHM / FWTM Efficiency Peak intensity	Asymmetric 91 % 0.6 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 91 % 0.6 cd/lm 1	20 60 50 60 50 60 50 60 50 50 50 50 50 50 50 50 50 5
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 91 % 0.6 cd/lm	20 20 20 20 20 20 20 20 20 20
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 91 % 0.6 cd/lm 1	40 50
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 91 % 0.6 cd/lm 1	40
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 91 % 0.6 cd/lm 1	40 50
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 91 % 0.6 cd/lm 1	40
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 91 % 0.6 cd/lm 1	60° 000 00° 00° 00° 00° 00° 00° 00° 00°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 91 % 0.6 cd/lm 1 White	60° 600 67°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 91 % 0.6 cd/lm 1 White	60° 600 67°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Opto Semiconductors LED FWHM / FWTM	Asymmetric 91 % 0.6 cd/lm 1 White OSCONIQ C 2424 Asymmetric	60° 000 00° 00° 00° 00° 00° 00° 00° 00°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: OBSRAM Opto Semiconductors LED FWHM / FWTM Efficiency	Asymmetric 91 % 0.6 cd/lm 1 White OSCONIQ C 2424 Asymmetric 93 %	60° 000 00° 00° 00° 00° 00° 00° 00° 00°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity	Asymmetric 91 % 0.6 cd/lm 1 White OSCONIQ C 2424 Asymmetric 93 % 0.8 cd/lm	60° 000 00° 00° 00° 00° 00° 00° 00° 00°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 91 % 0.6 cd/lm 1 White OSCONIQ C 2424 Asymmetric 93 % 0.8 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 91 % 0.6 cd/lm 1 White OSCONIQ C 2424 Asymmetric 93 % 0.8 cd/lm	60° 000 00° 00° 00° 00° 00° 00° 00° 00°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 91 % 0.6 cd/lm 1 White OSCONIQ C 2424 Asymmetric 93 % 0.8 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 91 % 0.6 cd/lm 1 White OSCONIQ C 2424 Asymmetric 93 % 0.8 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 91 % 0.6 cd/lm 1 White OSCONIQ C 2424 Asymmetric 93 % 0.8 cd/lm 1	



OSRAM Opto Semiconductors		90* 90*
LED	OSCONIQ C 2424	
FWHM / FWTM	Asymmetric	75°
Efficiency	77 %	
Peak intensity	0.5 cd/lm	50° 50°
LEDs/each optic	1	
Light colour	White	
Required components:		
		000
Protective plate	, glass	70
		200 200
OCDAM		30 15 <sup>5</sup> 0 <sup>6</sup> 15 <sup>6</sup> 30
OSRAM Opto Semiconductors		90* 90*
LED	OSCONIQ P 3737 (3W version)	4
FWHM / FWTM	Asymmetric	75°
Efficiency	77 %	son and the son
Peak intensity	0.4 cd/lm	
LEDs/each optic	1	
Light colour	White	45* 45*
Required components:		
Drotostivo ploto		X   X
Protective plate	, glass	500
		30* 11 <sup>5</sup> 0 <sup>6</sup> 11 <sup>5</sup> 30*
OSRAM		THY FFT
Opto Semiconductors	OSLON Square CSSRM2/CSSRM3	90° 90°
FWHM / FWTM	Asymmetric	75°
Efficiency	73 %	
Peak intensity	0.4 cd/lm	60 <sup>4</sup> 60 <sup>4</sup>
LEDs/each optic	1	
Light colour	White	45* 3%
Required components:	Wind	
rtoquirou componente.		40
Protective plate	, glass	200
Protective plate	. glass	50
Protective plate	, glass	20° - 23° - 30°
OSRAM	, glass	20°
OSRAM Opto Semiconductors		90° 30° 20° 20° 20° 20° 20° 20° 20° 20° 20° 2
OSRAM Opto Semiconductors LED	OSLON Square PC	200 200 200 200 200 200 200 200 200 200
OSRAM Opto Semiconductors LED FWHM / FWTM	OSLON Square PC Asymmetric	909 50" 20 <sup>1</sup> 00 50" 75" 00 75"
OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency	OSLON Square PC Asymmetric 80 %	
OSRAM Optic Semiconductors LED FWHM / FWTM Efficiency Peak intensity	OSLON Square PC Asymmetric	
OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	OSLON Square PC Asymmetric 80 % 0.4 cd/lm 1	
OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	OSLON Square PC Asymmetric 80 % 0.4 cd/lm	20 <sup>3</sup> 60 10 <sup>3</sup> 20 <sup>4</sup> 10 <sup>4</sup> 10 <sup>4</sup> 20 <sup>4</sup> 000 70 <sup>5</sup> 20 <sup>4</sup> 000 70 <sup>5</sup> 20 <sup>4</sup> 000 70 <sup>5</sup>
OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	OSLON Square PC Asymmetric 80 % 0.4 cd/lm 1 White	20 <sup>3</sup> 60 10 <sup>3</sup> 20 <sup>4</sup> 10 <sup>4</sup> 10 <sup>4</sup> 20 <sup>4</sup> 000 70 <sup>5</sup> 20 <sup>4</sup> 000 70 <sup>5</sup> 20 <sup>4</sup> 000 70 <sup>5</sup>
OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	OSLON Square PC Asymmetric 80 % 0.4 cd/lm 1 White	20 <sup>3</sup> 60 10 <sup>3</sup> 20 <sup>4</sup> 10 <sup>4</sup> 10 <sup>4</sup> 20 <sup>4</sup> 000 70 <sup>5</sup> 20 <sup>4</sup> 000 70 <sup>5</sup> 20 <sup>4</sup> 000 70 <sup>5</sup>
OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	OSLON Square PC Asymmetric 80 % 0.4 cd/lm 1 White	20 <sup>3</sup> 60 10 <sup>3</sup> 20 <sup>4</sup> 10 <sup>4</sup> 10 <sup>4</sup> 20 <sup>4</sup> 000 70 <sup>5</sup> 20 <sup>4</sup> 000 70 <sup>5</sup> 20 <sup>4</sup> 000 70 <sup>5</sup>



OSRAM Opto Semiconductors		
LED	OSLON Square PC	
FWHM / FWTM	Asymmetric	13° to the second to the
Efficiency	91 %	
Peak intensity	0.7 cd/lm	.50° 60°.
	1	
LEDs/each optic	White	
Light colour Required components:	white	-65°
Required components.		200
		$\times$ / $\times$
		1000
		30° 15° 0° 10° 30°
OSRAM		
Opto Semiconductors		90* 90*
LED	OSLON SSL 150	
FWHM / FWTM	Asymmetric	
Efficiency	92 %	61 <sup>4</sup> 400 69 <sup>4</sup>
Peak intensity	0.8 cd/lm	
LEDs/each optic	1	600
Light colour	White	45* 850 45*
Required components:		$\times$
		1000
		1200 30* 30* 30*
OSRAM		
Opto Semiconductors		90* 90*
LED	OSLON SSL 150	- martin
FWHM / FWTM	Asymmetric	
Efficiency	92 %	60° 400 60°.
Deals interact		
Peak intensity	0.9 cd/lm	
LEDs/each optic	1	60
LEDs/each optic Light colour		67 <u>68</u> 67 <u>80</u> 67
LEDs/each optic	1	60 67° 800 60°
LEDs/each optic Light colour	1	-67 -09 -09 -09 -07
LEDs/each optic Light colour	1	0° 00 0°
LEDs/each optic Light colour	1	109
LEDs/each optic Light colour Required components:	1 Amber	
LEDs/each optic Light colour Required components: PHILIPS	1 Amber	100
LEDs/each optic Light colour Required components: PHILIPS LED	1 Amber Fortimo FastFlex LED 4x8up PR G5	109
LEDs/each optic Light colour Required components: <b>PHILIPS</b> LED FWHM / FWTM	1 Amber Fortimo FastFlex LED 4x8up PR G5 Asymmetric	100
LEDs/each optic Light colour Required components: <b>PHILIPS</b> LED FWHM / FWTM Efficiency	1 Amber Fortimo FastFlex LED 4x8up PR G5 Asymmetric 75 %	109
LEDs/each optic Light colour Required components: <b>PHILIPS</b> LED FWHM / FWTM Efficiency Peak intensity	1 Amber Fortimo FastFlex LED 4x8up PR G5 Asymmetric 75 % 0.4 cd/m	109
LEDs/each optic Light colour Required components: <b>PHILIPS</b> LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	1 Amber Fortimo FastFlex LED 4x8up PR G5 Asymmetric 75 % 0.4 cd/lm 1	109
LEDs/each optic Light colour Required components: <b>DHILIPS</b> LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	1 Amber Fortimo FastFlex LED 4x8up PR G5 Asymmetric 75 % 0.4 cd/m	109
LEDs/each optic Light colour Required components: <b>PHILIPS</b> LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	1 Amber Fortimo FastFlex LED 4x8up PR G5 Asymmetric 75 % 0.4 cd/lm 1	
LEDs/each optic Light colour Required components: <b>DHILIPS</b> LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	1 Amber Fortimo FastFlex LED 4x8up PR G5 Asymmetric 75 % 0.4 cd/lm 1 White	
LEDs/each optic Light colour Required components: <b>PHILIPS</b> LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	1 Amber Fortimo FastFlex LED 4x8up PR G5 Asymmetric 75 % 0.4 cd/lm 1 White	
LEDs/each optic Light colour Required components: <b>PHILIPS</b> LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	1 Amber Fortimo FastFlex LED 4x8up PR G5 Asymmetric 75 % 0.4 cd/lm 1 White	



PHILIP	S	9* 99
LED	Fortimo FastFlex LED 4x8up PR G5	
FWHM / FWTM	Asymmetric	
Efficiency	92 %	
Peak intensity	0.7 cd/lm	60* 60*
LEDs/each optic	1	
Light colour	White	45* 640 45
Required components	X.	
		80
		1000
		30° 15° 0° 15° 30°
SAMSU	NG	90 <sup>+</sup>
LED	LH351B	
FWHM / FWTM	Asymmetric	73%
Efficiency	75 %	
Peak intensity	0.4 cd/lm	and the second sec
LEDs/each optic	1	
Light colour	White	-C' 300
Required components	S:	40
		$\times$
Protective pl	ate, glass	500
		30* 30
		19 <sup>2</sup> 60 19 <sup>2</sup>
SAMSU	NG	90*
LED	LM301A	
FWHM / FWTM	Asymmetric	730 770 770 770
Efficiency	93 %	
Peak intensity	0.8 cd/lm	50°. """ 50°
LEDs/each optic	1	$\times$
Light colour	White	67 G
Required components	Si di la constanza di la const	
		1270
		30° 15° 0° 15°



# PRODUCT DATASHEET C15677\_STRADELLA-8-SCL

#### **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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#### Distribution Partners www.ledil.com/ where\_to\_buy

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