

PRODUCT DATASHEET C15437\_STRADELLA-CY

## STRADELLA-CY

Beam for canopy lighting with batwing light distribution. Suitable for symmetrical tunnel lighting.

### **TECHNICAL SPECIFICATIONS:**

Dimensions	13.9 x 13.9 mm
Height	4.7 mm
Fastening	pin
ROHS compliant	yes 🕕



### **MATERIAL SPECIFICATIONS:**

Component STRADELLA-CY

Туре
Single lens

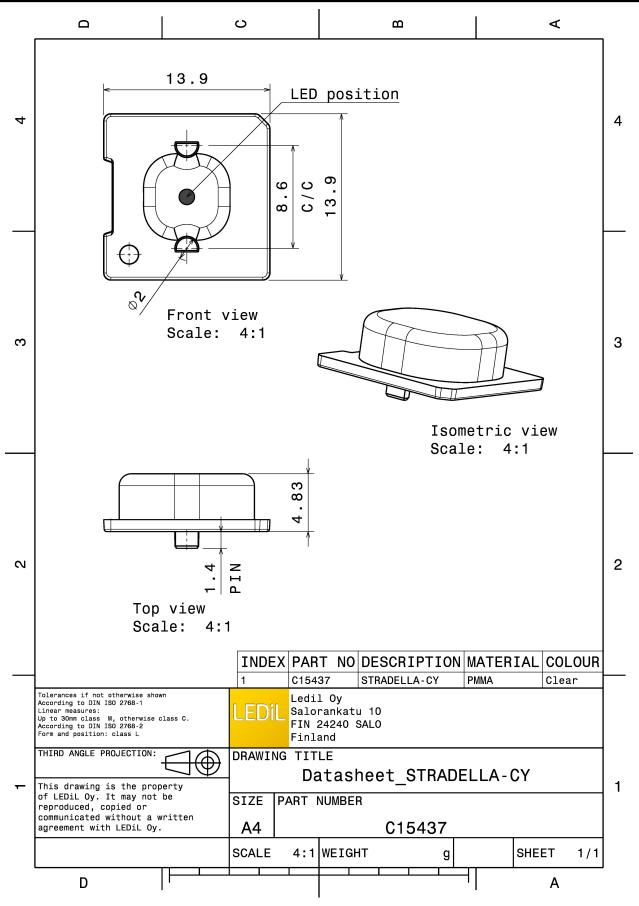
Material	Colour	Finish
PMMA	clear	

### **ORDERING INFORMATION:**

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C15437_STRADELLA-CY	16000	1000	1000	7.3
» Box size: 480 x 250 x 390 mm				



# PRODUCT DATASHEET C15437\_STRADELLA-CY



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

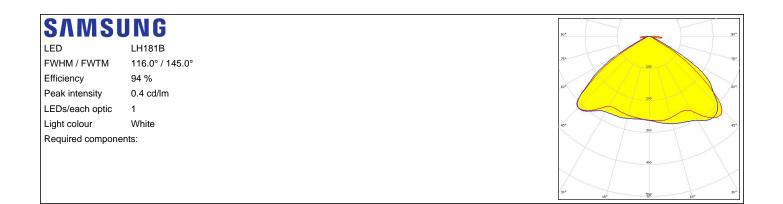


### PHOTOMETRIC DATA (MEASURED):

LED	J Series 3030			*	
FWHM / FWTM	118.0° / 133.0°			754	
Efficiency	98 %				100
Peak intensity	0.4 cd/lm			504	
LEDs/each optic	1				_200))/
Light colour	White				
Required compone					30
					4/0
				30° 15°	0° 15° 30
				90*	90
LED	XT-E				
FWHM / FWTM	115.0° / 146.0°			75*	
Efficiency	94 %			$\sim$	100
Peak intensity	0.3 cd/lm			200 <sup>-</sup>	
LEDs/each optic	1				200
Light colour	White			45+	
Required compone	nts:				
					300
				$\times$	
				30°	400 30
<b>ØNICHI</b>				90*	
LED	NVSW219D				
FWHM / FWTM	114.0° / 134.0°			750	
					100
					$  \langle \langle \rangle \rangle \rangle \langle \rangle \rangle$
Efficiency	94 %			604	
Efficiency Peak intensity				604 (	200
Efficiency Peak intensity LEDs/each optic	94 % 0.4 cd/lm			63* 65*	200
Efficiency Peak intensity	94 % 0.4 cd/lm 1 White		10	55	20
Efficiency Peak intensity LEDs/each optic Light colour	94 % 0.4 cd/lm 1 White			65	306
Efficiency Peak intensity LEDs/each optic Light colour	94 % 0.4 cd/lm 1 White			92	200 500 500 600
Efficiency Peak intensity LEDs/each optic Light colour	94 % 0.4 cd/lm 1 White			55- 55-	200
Efficiency Peak intensity LEDs/each optic Light colour Required compone	94 % 0.4 cd/lm 1 White nts:			67 67 67	
Efficiency Peak intensity LEDs/each optic Light colour Required compone	94 % 0.4 cd/lm 1 White nts:			99°	
Efficiency Peak intensity LEDs/each optic Light colour Required compone	94 % 0.4 cd/lm 1 White hts: NVSW319B				
Efficiency Peak intensity LEDs/each optic Light colour Required compone	94 % 0.4 cd/lm 1 White nts: NVSW319B Asymmetric				200 300 400 0° 537 30 50 50 50 50 50 50 50 50 50 5
Efficiency Peak intensity LEDs/each optic Light colour Required compone	94 % 0.4 cd/lm 1 White nts: NVSW319B Asymmetric 94 %				200 200 200 200 200 200 200 200
Efficiency Peak intensity LEDs/each optic Light colour Required compone	94 % 0.4 cd/lm 1 White nts: NVSW319B Asymmetric 94 % 0.4 cd/lm				
Efficiency Peak intensity LEDs/each optic Light colour Required compone	94 % 0.4 cd/lm 1 White nts: NVSW319B Asymmetric 94 % 0.4 cd/lm 1				
Efficiency Peak intensity LEDs/each optic Light colour Required compone	94 % 0.4 cd/lm 1 White nts: NVSW319B Asymmetric 94 % 0.4 cd/lm 1 White				
Efficiency Peak intensity LEDs/each optic Light colour Required compone	94 % 0.4 cd/lm 1 White nts: NVSW319B Asymmetric 94 % 0.4 cd/lm 1 White				
Efficiency Peak intensity LEDs/each optic Light colour Required compone	94 % 0.4 cd/lm 1 White nts: NVSW319B Asymmetric 94 % 0.4 cd/lm 1 White				
Efficiency Peak intensity LEDs/each optic Light colour Required compone	94 % 0.4 cd/lm 1 White nts: NVSW319B Asymmetric 94 % 0.4 cd/lm 1 White				



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





[			
			90*
LED	XP-E2		
FWHM / FWTM	117.0° / 137.0°		75°
Efficiency	90 %		
Peak intensity	0.4 cd/lm		60 <sup>4</sup>
LEDs/each optic	1		
Light colour	White		450
Required components:			
Protective plate	, glass		
			30* 440 30* 15° 0° 15°
			90*
LED	XP-E2		
FWHM / FWTM	123.0° / 137.0°		750 700 7
Efficiency	96 %		
Peak intensity	0.4 cd/lm		60° 200 6°
LEDs/each optic	1		
Light colour	Green		45* 200 4
Required components:			
			400
			$\times$ / $\top$ / $\times$
			30* 510 3
			15 <sup>5</sup> 0 <sup>6</sup> 15 <sup>5</sup>
			90* 9
LED	XP-G2 HE		
FWHM / FWTM	121.0° / 138.0°		78*
Efficiency	95 %		
Peak intensity	0.3 cd/lm		
LEDs/each optic	1		
Light colour	White		45
Required components:			
			$\times$ / $\mid$ $\setminus$ $\lambda$
			30* <u>15</u> ° <u>400</u> 15* 3
UMILED	S		90" 99
LED	LUXEON IR Domed 150		750
FWHM / FWTM	131.0° / 142.0°	E 0 E-90] Descri forger Marie Description	
Efficiency	96 %		
LEDs/each optic	1		
Light colour	IR		451
Required components:			× × × × ×
			X     X
			400
			100°



<b>ΜΝΙCΗΙΛ</b>		
LED	NF2W585AR-P8	90* 90*
FWHM / FWTM	118.0 + 125.0° / 134.0 + 138.0°	75°
Efficiency	95 %	
Peak intensity	0.4 cd/lm	604 604
LEDs/each optic	1	200
Light colour	White	
Required components:	White	
		400
		30° 15° 30°
<b>ΜΝΙCΗΙΛ</b>		90 <sup>0</sup> 90 <sup>0</sup>
LED	NVSW519A	
FWHM / FWTM	122.0° / 136.0°	75°
Efficiency	92 %	
Peak intensity	0.3 cd/lm	e. ( ) / / / / / / / / / / / / / / / / / /
LEDs/each optic	1	
Light colour	White	45* 200 45*
Required components:		
		300
		30* 39*
		13 <sup>2</sup> of 13 <sup>2</sup>
<b>Μ</b> ΝΙCΗΙΛ		90 <sup>+</sup> 90 <sup>+</sup>
LED	NVSW519A	
FWHM / FWTM	122.0° / 136.0°	
Efficiency	89 %	100
Peak intensity		60* 60*
LLEDs/each optic	0.3 cd/lm	
LEDs/each optic	1	.0°*
Light colour		6° 6° 6°
	1	6° 20 6°
Light colour Required components:	1 White	6° - 20 - 6°
Light colour	1 White	
Light colour Required components:	1 White	
Light colour Required components: Protective plate	1 White	
Light colour Required components: Protective plate	1 White	
Light colour Required components: Protective plate	1 White e, glass OSCONIQ C 2424	20 20 20 20 20 20 20 20 20 20
Light colour Required components: Protective plate OSRAM Opto Semiconductors LED FWHM / FWTM	1 White	
Light colour Required components: Protective plate OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency	1 White e, glass OSCONIQ C 2424 120.0° / 135.0°	
Light colour Required components: Protective plate OSRAM Opto Semiconductors LED FWHM / FWTM	1 White e, glass OSCONIQ C 2424 120.0° / 135.0° 96 %	
Light colour Required components: Protective plate Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	1 White e, glass OSCONIQ C 2424 120.0° / 135.0° 96 % 0.4 cd/lm	
Light colour Required components: Protective plate Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity	1 White e, glass OSCONIQ C 2424 120.0° / 135.0° 96 % 0.4 cd/lm 1	
Light colour Required components: Protective plate Optio Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	1 White e, glass OSCONIQ C 2424 120.0° / 135.0° 96 % 0.4 cd/lm 1	
Light colour Required components: Protective plate OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	1 White e, glass OSCONIQ C 2424 120.0° / 135.0° 96 % 0.4 cd/lm 1	
Light colour Required components: Protective plate Optio Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	1 White e, glass OSCONIQ C 2424 120.0° / 135.0° 96 % 0.4 cd/lm 1	



OSRAM Opto Semiconductors		
LED	OSCONIQ P 3030	
FWHM / FWTM	112.0° / 137.0°	75% 78°
Efficiency	96 %	- 100
Peak intensity	0.4 cd/lm	50 <sup>4</sup> 604
LEDs/each optic	1	
Light colour	White	51 61
Required components:		
		440
		30° 30° 15° 30°
OSRAM Opto Semiconductors		91 <sup>+</sup>
LED	OSCONIQ P 3737 (2W version)	
FWHM / FWTM	115.0° / 137.0°	75* 75°
Efficiency	94 %	
Peak intensity	0.4 cd/lm	60*
LEDs/each optic	1	
Light colour	White	45* 45*
Required components:		
		400
		30*
		13 <sup>5</sup> 0 <sup>6</sup> 15 <sup>4</sup>
OSRAM Opto Semiconductors		90 <sup>4</sup> 32 <sup>5</sup> 0 <sup>4</sup> 12 <sup>5</sup>
Opto Semiconductors	OSCONIQ P 3737 (3W version)	90°
OSRAM Opto Semiconductors LED FWHM / FWTM	OSCONIQ P 3737 (3W version) 117.0° / 143.0°	
Opto Semiconductors LED FWHM / FWTM		25 <sup>4</sup> 0 <sup>4</sup> 15 <sup>4</sup> 99 <sup>4</sup> 73 <sup>5</sup>
opto Semiconductors LED FWHM / FWTM Efficiency	117.0° / 143.0° 96 %	25 <sup>4</sup> 0 <sup>4</sup> 15 <sup>4</sup>
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity	117.0° / 143.0°	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	117.0° / 143.0° 96 % 0.3 cd/lm	12 <sup>4</sup> 0 <sup>4</sup> 15 <sup>4</sup>
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity	117.0° / 143.0° 96 % 0.3 cd/lm 1	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	117.0° / 143.0° 96 % 0.3 cd/lm 1	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	117.0° / 143.0° 96 % 0.3 cd/lm 1	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	117.0° / 143.0° 96 % 0.3 cd/lm 1	ar.
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	117.0° / 143.0° 96 % 0.3 cd/lm 1	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	117.0° / 143.0° 96 % 0.3 cd/lm 1	67. 20 01.
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	117.0° / 143.0° 96 % 0.3 cd/lm 1 White	ar.
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDS/each optic Light colour Required components:	117.0° / 143.0° 96 % 0.3 cd/lm 1	ar.
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: OSRAM Opto Semiconductors LED	117.0° / 143.0° 96 % 0.3 cd/lm 1 White OSLON Square CSSRM2/CSSRM3	ar.
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: OSRAM Opto Semiconductors LED FWHM / FWTM	117.0° / 143.0° 96 % 0.3 cd/lm 1 White OSLON Square CSSRM2/CSSRM3 120.0° / 140.0°	ar.
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency	117.0° / 143.0° 96 % 0.3 cd/lm 1 White OSLON Square CSSRM2/CSSRM3 120.0° / 140.0° 96 %	ar.
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity	117.0° / 143.0° 96 % 0.3 cd/lm 1 White OSLON Square CSSRM2/CSSRM3 120.0° / 140.0° 96 % 0.3 cd/lm	ar.
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	117.0° / 143.0° 96 % 0.3 cd/lm 1 White OSLON Square CSSRM2/CSSRM3 120.0° / 140.0° 96 % 0.3 cd/lm 1	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	117.0° / 143.0° 96 % 0.3 cd/lm 1 White OSLON Square CSSRM2/CSSRM3 120.0° / 140.0° 96 % 0.3 cd/lm 1	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	117.0° / 143.0° 96 % 0.3 cd/lm 1 White OSLON Square CSSRM2/CSSRM3 120.0° / 140.0° 96 % 0.3 cd/lm 1	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	117.0° / 143.0° 96 % 0.3 cd/lm 1 White OSLON Square CSSRM2/CSSRM3 120.0° / 140.0° 96 % 0.3 cd/lm 1	



	10	
SAMSUN	10	90*
LED	LH351B	
FWHM / FWTM	110.0° / 118.0°	
Efficiency	92 %	50*
Peak intensity	0.3 cd/lm	
LEDs/each optic	1	200-200-
Light colour	White	42+
Required components:		300
		130° 400 30° 15° 30°
SAMSUN	IG	
LED	LH351D	90°
FWHM / FWTM	123.0° / 135.0°	73%
Efficiency	94 %	100 - and 100
Peak intensity	0.3 cd/lm	60° 60°.
LEDs/each optic	1	
Light colour	White	451
Required components:		
		$\times$
		30* <u>30</u> * <u>30</u> *
SEOUL		
SEOUL		90°
	SEOUL DC 5050 6V	50°
SEOUL SEMICONDUCTOR	SEOUL DC 5050 6V 114.0° / 136.0°	90°
SEOUL SEMICONDUCTOR		27
seoul semiconductor LED FWHM / FWTM	114.0° / 136.0°	92 <sup>-</sup> 73 <sup>3</sup> 64 <sup>3</sup> 50 <sup>3</sup> 64 <sup>4</sup>
seoul semiconductor LED FWHM / FWTM Efficiency	114.0° / 136.0° 94 %	92 <sup>-</sup> 73 <sup>+</sup> 64 <sup>+</sup> 200 60 <sup>+</sup> 60 <sup>+</sup>
scoul semiconductor LED FWHM / FWTM Efficiency Peak intensity	114.0° / 136.0° 94 % 0.3 cd/lm	90°
seoul semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	114.0° / 136.0° 94 % 0.3 cd/lm 1	20
scoul semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	114.0° / 136.0° 94 % 0.3 cd/lm 1	20
scoul semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	114.0° / 136.0° 94 % 0.3 cd/lm 1	20
scoul semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	114.0° / 136.0° 94 % 0.3 cd/lm 1	200
scoul semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	114.0° / 136.0° 94 % 0.3 cd/lm 1	- 20 
scoul semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	114.0° / 136.0° 94 % 0.3 cd/lm 1	- 20 
SEOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	114.0° / 136.0° 94 % 0.3 cd/lm 1	20 20 20 20 20 20 20 20 20 20
SEOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: SEOUL SEMICONDUCTOR LED FWHM / FWTM	114.0° / 136.0° 94 % 0.3 cd/lm 1 White	- 20 
scoul semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: scoul semiconductor LED FWHM / FWTM Efficiency	114.0° / 136.0° 94 % 0.3 cd/lm 1 White Z5M1/Z5M2 118.0° / 134.0° 96 %	20 20 20 20 20 20 20 20 20 20 20 20 20 2
stoul searconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: stoul searconductor LED FWHM / FWTM Efficiency Peak intensity	114.0° / 136.0° 94 % 0.3 cd/lm 1 White Z5M1/Z5M2 118.0° / 134.0°	20 20 20 20 20 20 20 20 20 20
stoul semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: stoul semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	114.0° / 136.0° 94 % 0.3 cd/lm 1 White Z5M1/Z5M2 118.0° / 134.0° 96 % 0.4 cd/lm 1	20 20 20 20 20 20 20 20 20 20 20 20 20 2
stoul searconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: stoul searconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	114.0° / 136.0° 94 % 0.3 cd/lm 1 White Z5M1/Z5M2 118.0° / 134.0° 96 % 0.4 cd/lm	20 20 20 20 20 20 20 20 20 20
stoul semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: stoul semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	114.0° / 136.0° 94 % 0.3 cd/lm 1 White Z5M1/Z5M2 118.0° / 134.0° 96 % 0.4 cd/lm 1	
stoul searconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: stoul searconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	114.0° / 136.0° 94 % 0.3 cd/lm 1 White Z5M1/Z5M2 118.0° / 134.0° 96 % 0.4 cd/lm 1	
stoul searconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: stoul searconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	114.0° / 136.0° 94 % 0.3 cd/lm 1 White Z5M1/Z5M2 118.0° / 134.0° 96 % 0.4 cd/lm 1	
SECOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: SECOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	114.0° / 136.0° 94 % 0.3 cd/lm 1 White Z5M1/Z5M2 118.0° / 134.0° 96 % 0.4 cd/lm 1	



# PRODUCT DATASHEET C15437\_STRADELLA-CY

#### **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

# **Mouser Electronics**

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Ledil:

C15437\_STRADELLA-CY C15034\_STRADELLA-8-T2