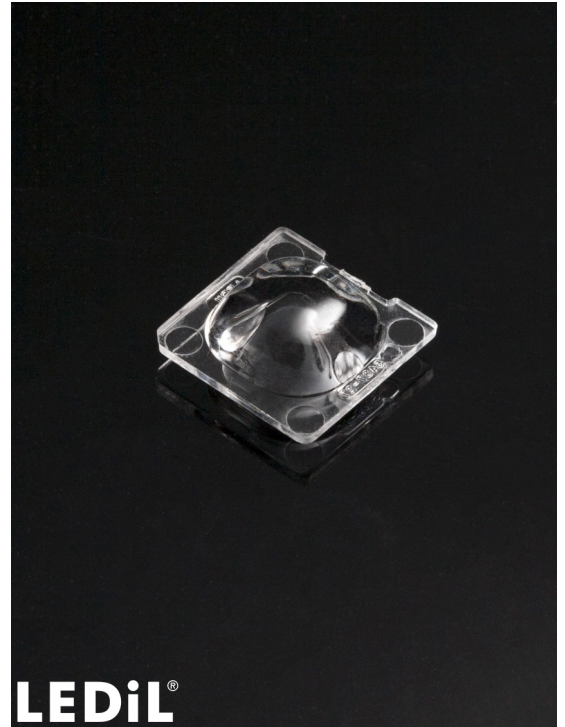


STRADELLA-CY

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 ⓘ

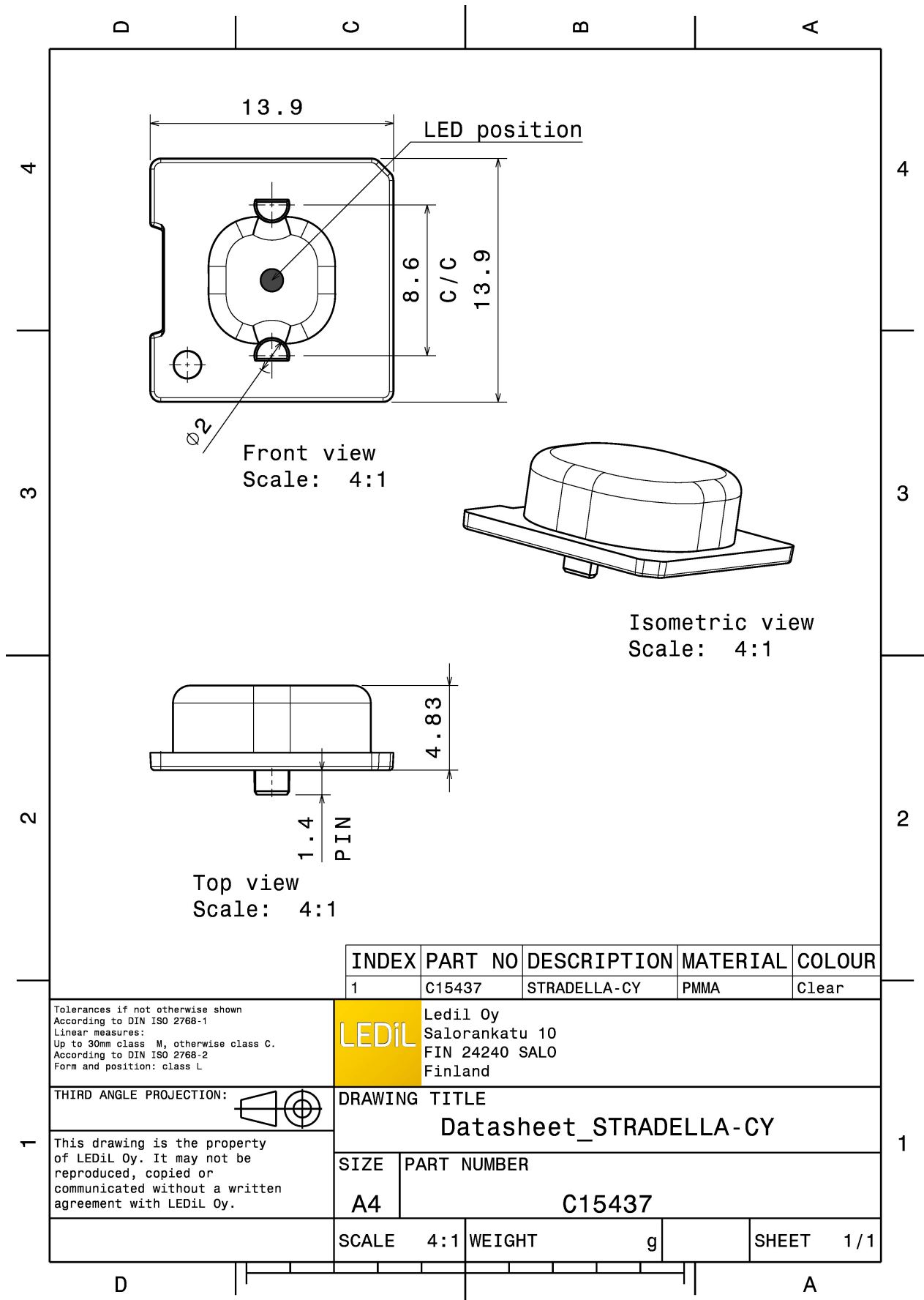


MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
STRADELLA-CY	Single lens	PMMA	clear	

ORDERING INFORMATION:

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



INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	C15437	STRADELLA-CY	PMMA	Clear

Tolerances if not otherwise shown
According to DIN ISO 2768-1
Linear measures:
Up to 30mm class M, otherwise class C.
According to DIN ISO 2768-2
Form and position: class L

LEDiL Ledil Oy
Salorankatu 10
FIN 24240 SALO
Finland

THIRD ANGLE PROJECTION:

DRAWING TITLE
Datasheet_STRADELLA-CY

This drawing is the property of LEDiL Oy. It may not be reproduced, copied or communicated without a written agreement with LEDiL Oy.

SIZE	PART NUMBER
A4	C15437

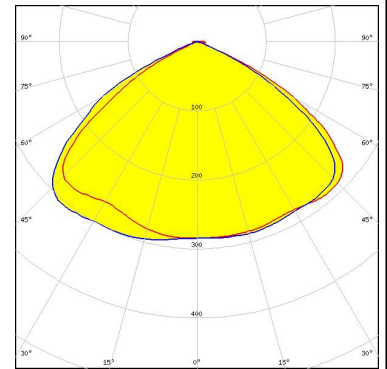
SCALE	4:1	WEIGHT	g	SHEET	1/1
-------	-----	--------	---	-------	-----

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

PHOTOMETRIC DATA (MEASURED):

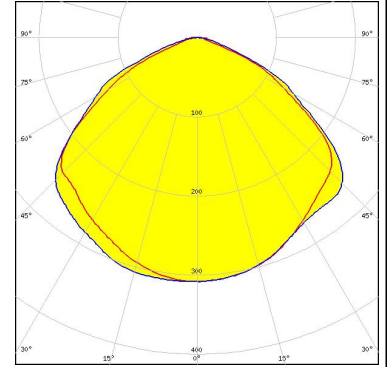
CREE LED

LED J Series 3030
 FWHM / FWTM 118.0° / 133.0°
 Efficiency 98 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



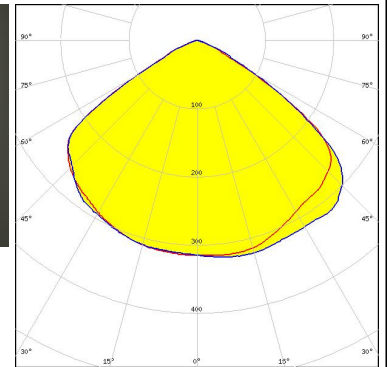
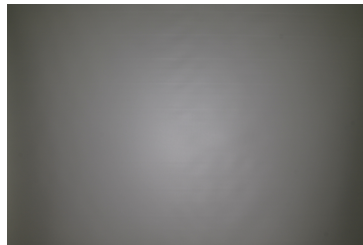
CREE LED

LED XT-E
 FWHM / FWTM 115.0° / 146.0°
 Efficiency 94 %
 Peak intensity 0.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



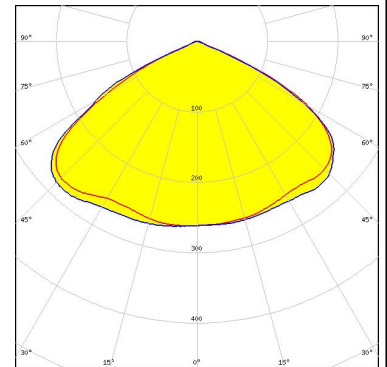
NICHIA

LED NVSW219D
 FWHM / FWTM 114.0° / 134.0°
 Efficiency 94 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



NICHIA

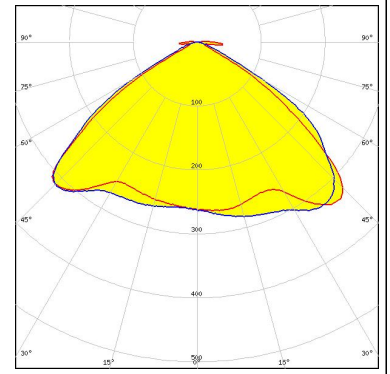
LED NVSW319B
 FWHM / FWTM Asymmetric
 Efficiency 94 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (MEASURED):

SAMSUNG

LED LH181B
FWHM / FWTM 116.0° / 145.0°
Efficiency 94 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:

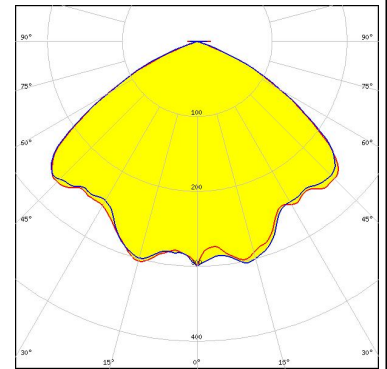


PHOTOMETRIC DATA (SIMULATED):

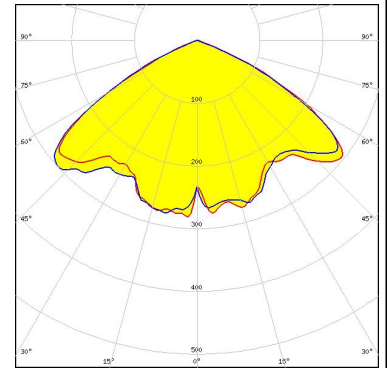


LED XP-E2
 FWHM / FWTM 117.0° / 137.0°
 Efficiency 90 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

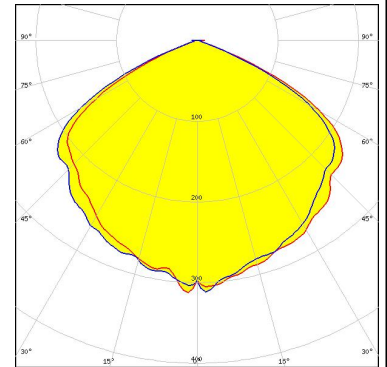
Protective plate, glass



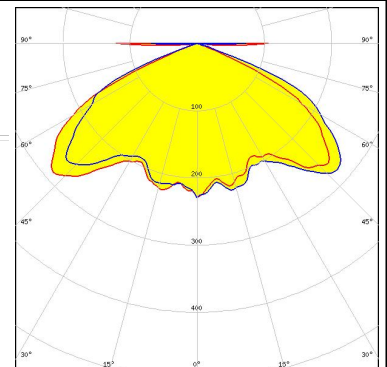
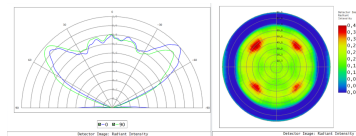
LED XP-E2
 FWHM / FWTM 123.0° / 137.0°
 Efficiency 96 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour Green
 Required components:



LED XP-G2 HE
 FWHM / FWTM 121.0° / 138.0°
 Efficiency 95 %
 Peak intensity 0.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



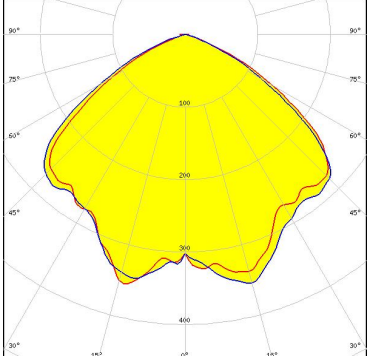
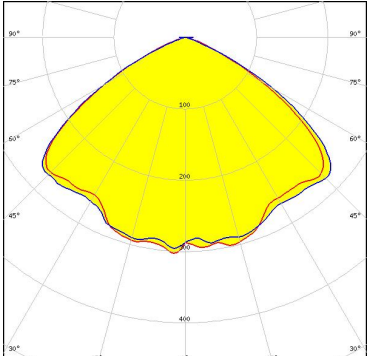
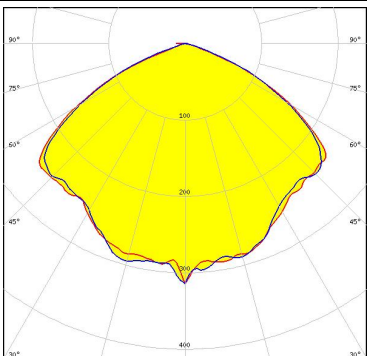
LED LUXEON IR Domed 150
 FWHM / FWTM 131.0° / 142.0°
 Efficiency 96 %
 LEDs/each optic 1
 Light colour IR
 Required components:



PHOTOMETRIC DATA (SIMULATED):

<p>NICHIA</p> <p>LED NF2W585AR-P8 FWHM / FWTM 118.0 + 125.0° / 134.0 + 138.0° Efficiency 95 % Peak intensity 0.4 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p>NICHIA</p> <p>LED NVSW519A FWHM / FWTM 122.0° / 136.0° Efficiency 92 % Peak intensity 0.3 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p>NICHIA</p> <p>LED NVSW519A FWHM / FWTM 122.0° / 136.0° Efficiency 89 % Peak intensity 0.3 cd/lm LEDs/each optic 1 Light colour White Required components:</p> <p style="background-color: #ADD8E6; padding: 2px;">Protective plate, glass</p>	
<p>OSRAM <small>Opto Semiconductors</small></p> <p>LED OSCONIQ C 2424 FWHM / FWTM 120.0° / 135.0° Efficiency 96 % Peak intensity 0.4 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	

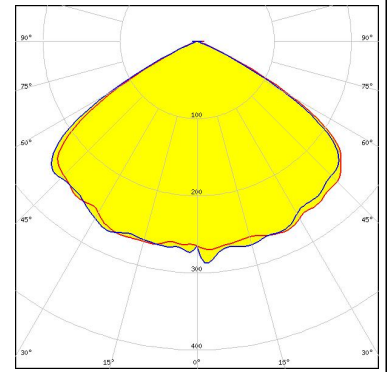
PHOTOMETRIC DATA (SIMULATED):

<p>OSRAM Opto Semiconductors</p> <p>LED OSCONIQ P 3030</p> <p>FWHM / FWTM 112.0° / 137.0°</p> <p>Efficiency 96 %</p> <p>Peak intensity 0.4 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	
<p>OSRAM Opto Semiconductors</p> <p>LED OSCONIQ P 3737 (2W version)</p> <p>FWHM / FWTM 115.0° / 137.0°</p> <p>Efficiency 94 %</p> <p>Peak intensity 0.4 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	
<p>OSRAM Opto Semiconductors</p> <p>LED OSCONIQ P 3737 (3W version)</p> <p>FWHM / FWTM 117.0° / 143.0°</p> <p>Efficiency 96 %</p> <p>Peak intensity 0.3 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	
<p>OSRAM Opto Semiconductors</p> <p>LED OSLON Square CSSRM2/CSSRM3</p> <p>FWHM / FWTM 120.0° / 140.0°</p> <p>Efficiency 96 %</p> <p>Peak intensity 0.3 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	

PHOTOMETRIC DATA (SIMULATED):

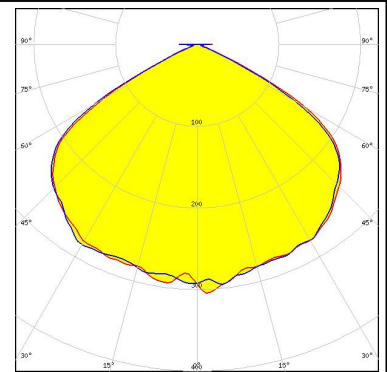
SAMSUNG


LED LH351B
 FWHM / FWTM 110.0° / 118.0°
 Efficiency 92 %
 Peak intensity 0.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

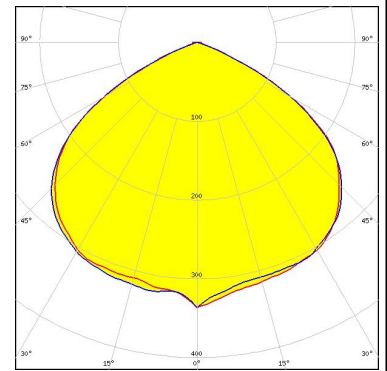



SAMSUNG

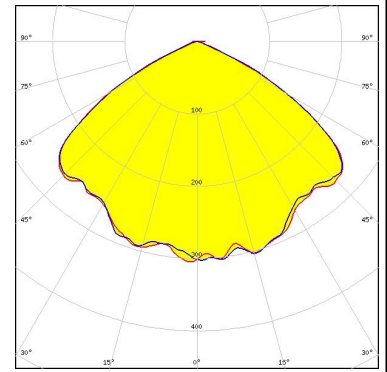
LED LH351D
 FWHM / FWTM 123.0° / 135.0°
 Efficiency 94 %
 Peak intensity 0.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



 SEOUL SEMICONDUCTOR
 LED SEOUL DC 5050 6V
 FWHM / FWTM 114.0° / 136.0°
 Efficiency 94 %
 Peak intensity 0.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



 SEOUL SEMICONDUCTOR
 LED Z5M1/Z5M2
 FWHM / FWTM 118.0° / 134.0°
 Efficiency 96 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



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](http://www.ledil.com/where_to_buy)

Shipping locations

Salo, Finland
Hong Kong, China

Distribution Partners

[www.ledil.com/
where_to_buy](http://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](#)