

STRADELLA-8-HV-HB-O

Oval beam for high bay aisles. Variant with improved creepage distance for high voltage circuit design.

SPECIFICATION:

Dimensions	49.5 x 49.5 mm
Height	8.2 mm
Fastening	pin, screw
ROHS compliant	yes ⓘ

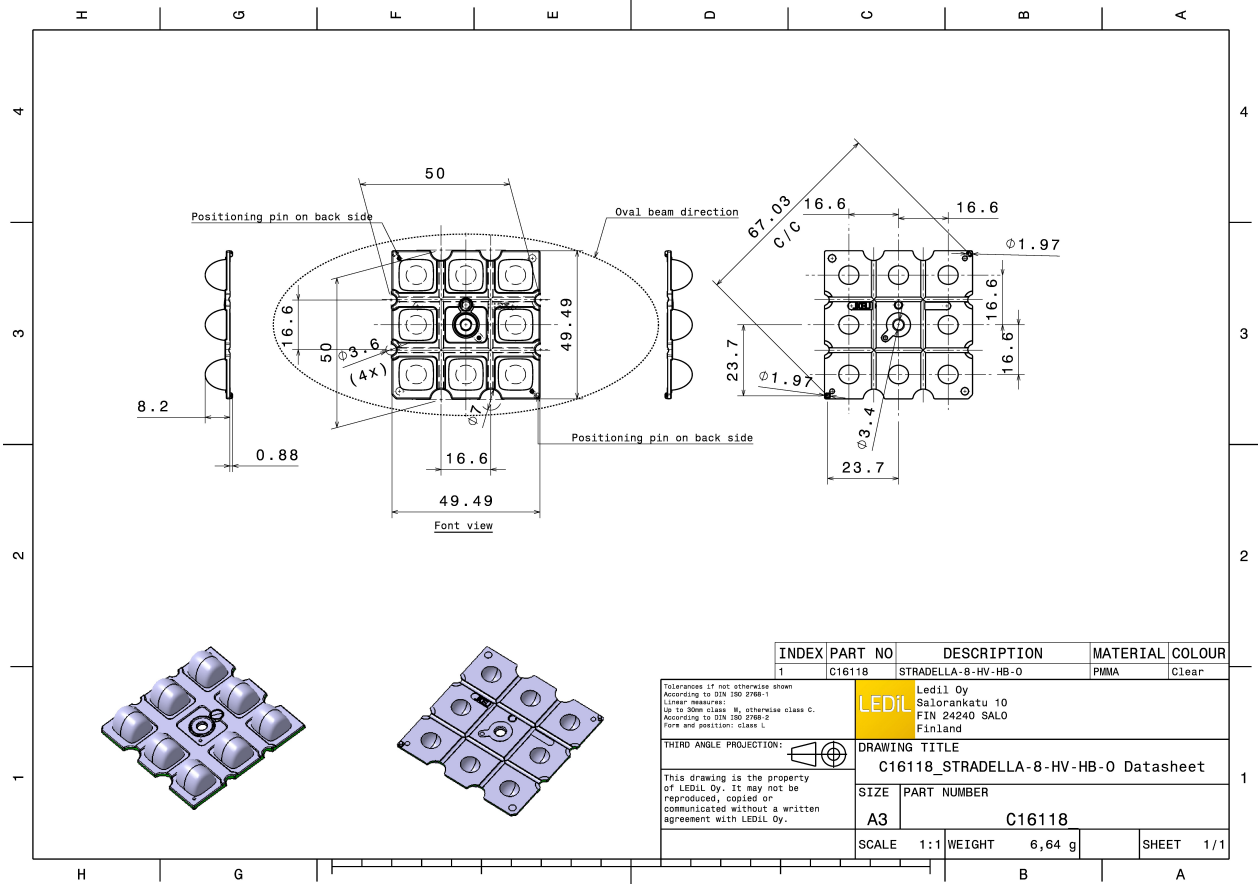


MATERIALS:

Component	Type	Material	Colour	Finish
STRADELLA-8-HV-HB-O	Multi-lens	PMMA	clear	

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C16118_STRADELLA-8-HV-HB-O » Box size: 476 x 273 x 292 mm	800	160	160	6.1

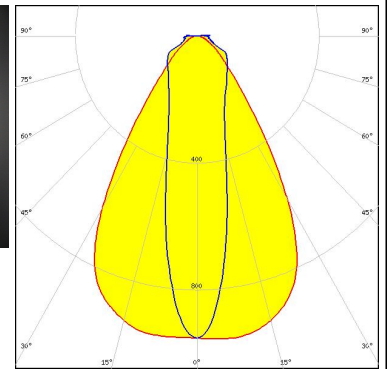
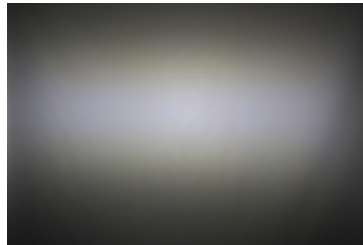


See also our general installation guide: www.ledil.com/installation_guide

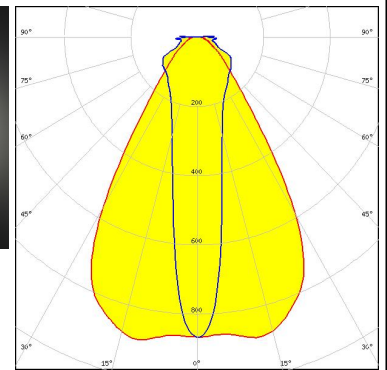
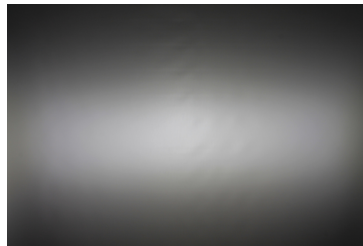
OPTICAL RESULTS (MEASURED):



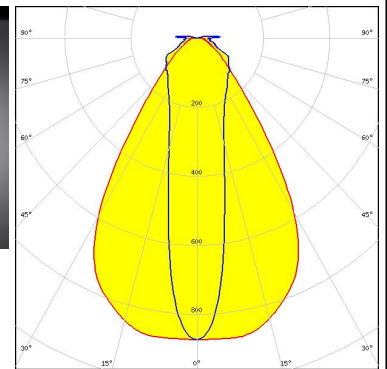
LED J Series 3030
 FWHM / FWTM 66.0 + 25.0° / 103.0 + 124.0°
 Efficiency 97 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



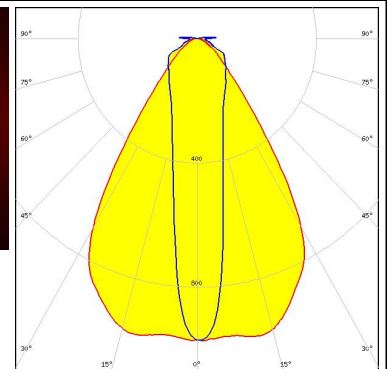
LED XD16
 FWHM / FWTM 66.0 + 20.0° / 106.0 + 126.0°
 Efficiency 94 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED XT-E
 FWHM / FWTM 68.0 + 22.0° / 108.0 + 126.0°
 Efficiency 94 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



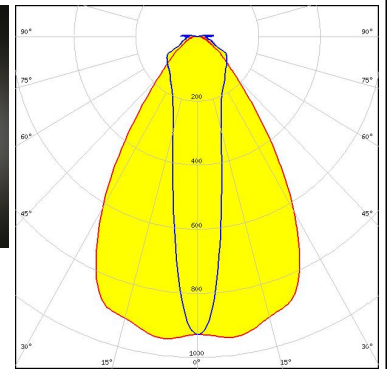
LED SST-10-B130
 FWHM / FWTM 69.0 + 20.0° / 102.0 + 124.0°
 Efficiency 96 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour Deep Red
 Required components:



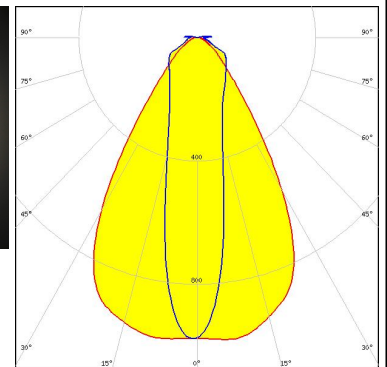
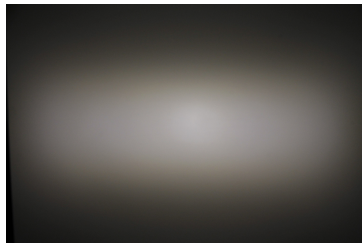
OPTICAL RESULTS (MEASURED):



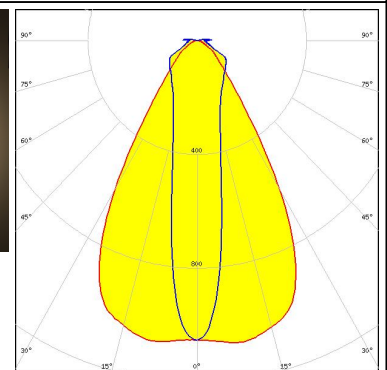
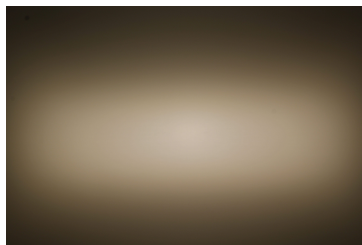
LED NF2W585AR
 FWHM / FWTM 68.0 + 20.0° / 109.0 + 124.0°
 Efficiency 94 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



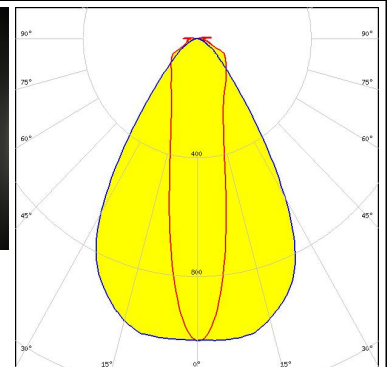
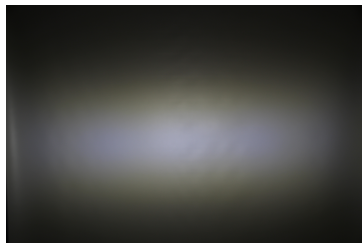
LED OSCONIQ S 3030 (QSLR31)
 FWHM / FWTM 66.0 + 23.0° / 101.0 + 123.0°
 Efficiency 94 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED Fortimo FastFlex LED 4x8up PR G5
 FWHM / FWTM 62.0 + 20.0° / 96.0 + 122.0°
 Efficiency 94 %
 Peak intensity 1.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED SEOUL DC 3030C
 FWHM / FWTM 22.0 + 66.0° / 121.0 + 101.0°
 Efficiency 94 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



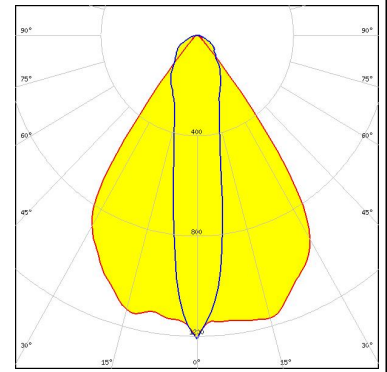
OPTICAL RESULTS (MEASURED):



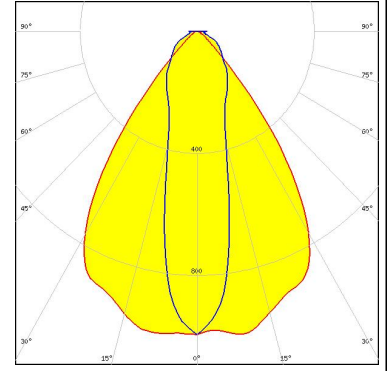
OPTICAL RESULTS (SIMULATED):



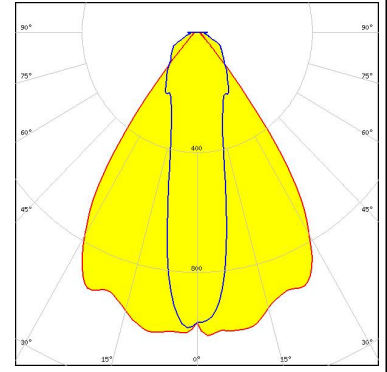
LED XP-G2
 FWHM / FWTM 70.0 + 20.0° / 90.0 + 120.0°
 Efficiency 92 %
 Peak intensity 1.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



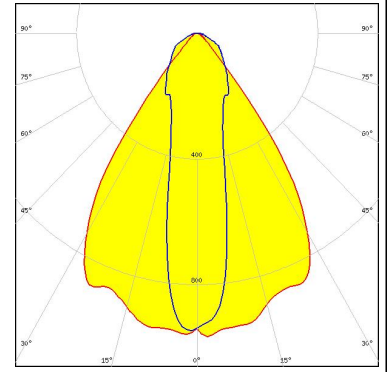
LED XP-G2 HE
 FWHM / FWTM 72.0 + 24.0° / 94.0 + 106.0°
 Efficiency 95 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED XP-G3
 FWHM / FWTM 72.0 + 22.0° / 88.0 + 116.0°
 Efficiency 94 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED XP-G3
 FWHM / FWTM 71.0 + 22.0° / 88.0 + 110.0°
 Efficiency 86 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

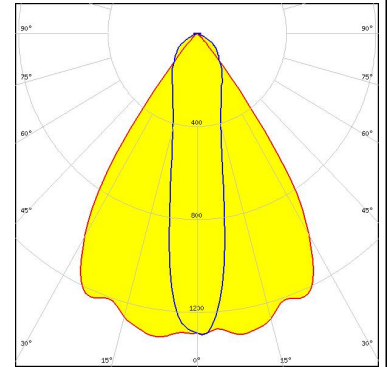


Protective plate, glass

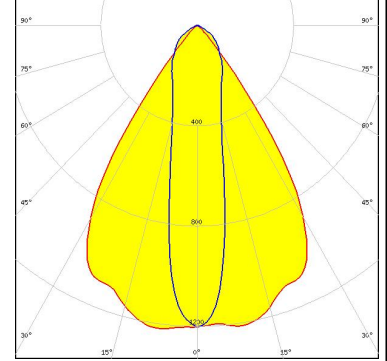
OPTICAL RESULTS (SIMULATED):



LED XP-G4
 FWHM / FWTM 70.0 + 20.0° / 82.0 + 93.0°
 Efficiency 96 %
 Peak intensity 1.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



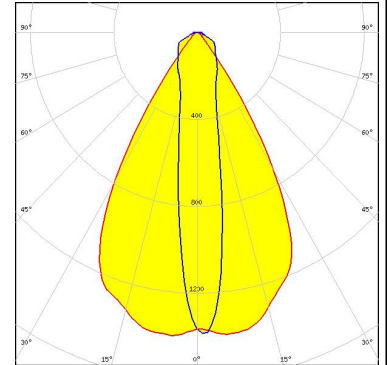
LED XP-G4
 FWHM / FWTM 68.0 + 22.0° / 84.0 + 92.0°
 Efficiency 88 %
 Peak intensity 1.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



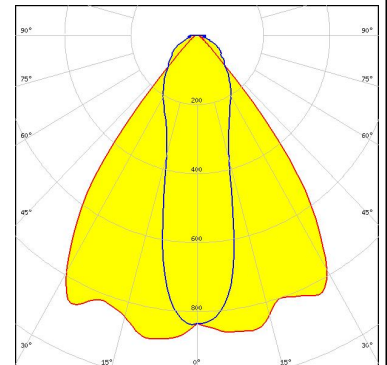
Protective plate, glass



LED LUXEON 3030 2D (Round LES)
 FWHM / FWTM 61.0 + 17.0° / 80.0 + 78.0°
 Efficiency 93 %
 Peak intensity 1.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED NVSW519A
 FWHM / FWTM 76.0 + 27.0° / 92.0 + 115.0°
 Efficiency 93 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

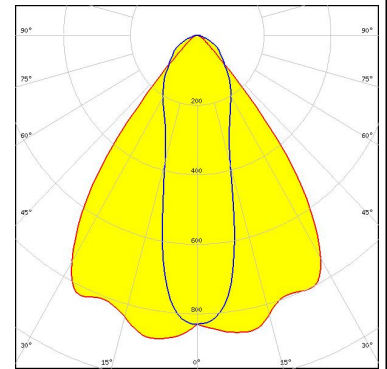


OPTICAL RESULTS (SIMULATED):

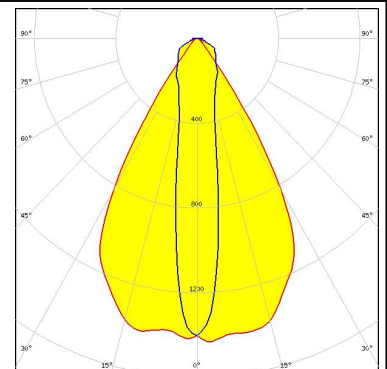


LED NVSW519A
 FWHM / FWTM 76.0 + 28.0° / 94.0 + 111.0°
 Efficiency 88 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

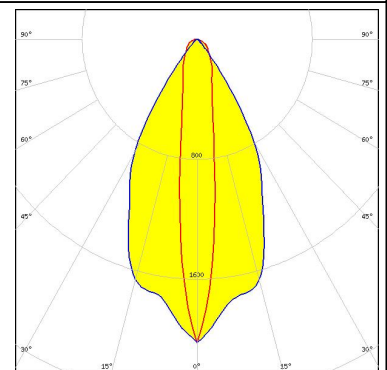
Protective plate, glass



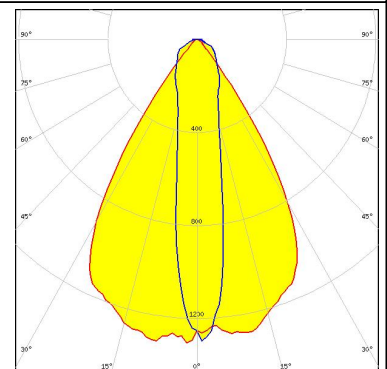
LED OSCONIQ C 2424
 FWHM / FWTM 62.0 + 16.0° / 80.0 + 83.0°
 Efficiency 95 %
 Peak intensity 1.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED OSCONIQ P 3030
 FWHM / FWTM 53.0 + 14.0° / 77.0 + 59.0°
 Efficiency 96 %
 Peak intensity 2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



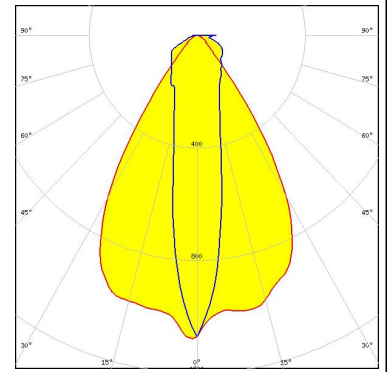
LED OSLOM Square CSSRM2/CSSRM3
 FWHM / FWTM 64.0 + 18.0° / 83.0 + 86.0°
 Efficiency 94 %
 Peak intensity 1.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OPTICAL RESULTS (SIMULATED):

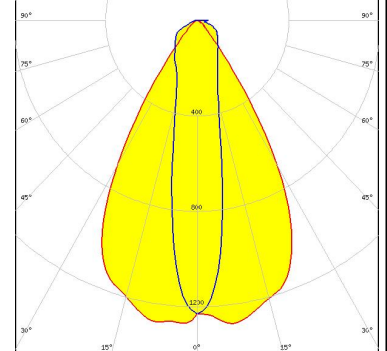
SAMSUNG

LED LH181A
 FWHM / FWTM 66.0 + 26.0° / 90.0 + 120.0°
 Efficiency 92 %
 Peak intensity 1.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



SAMSUNG

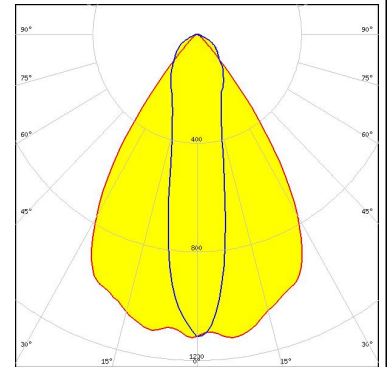
LED LH181B
 FWHM / FWTM 60.0 + 20.0° / 80.0 + 120.0°
 Efficiency 94 %
 Peak intensity 1.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



SAMSUNG

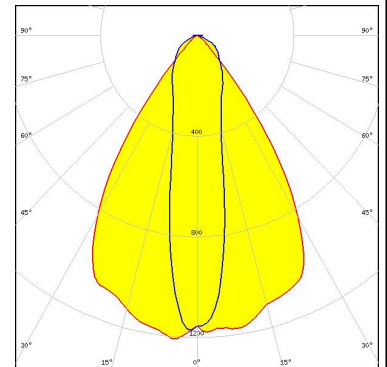
LED LH351B
 FWHM / FWTM 68.0 + 22.0° / 88.0 + 95.0°
 Efficiency 88 %
 Peak intensity 1.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

Protective plate, glass



SAMSUNG

LED LH351B
 FWHM / FWTM 69.0 + 21.0° / 87.0 + 96.0°
 Efficiency 94 %
 Peak intensity 1.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OPTICAL RESULTS (SIMULATED):



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)